

S.S. 38 - LOTTO 4: VARIANTE DI TIRANO DALLO SVINCOLO DI STAZZONA (COMPRESO) ALLO SVINCOLO DI LORETO (CON COLLEGAMENTO ALLA DOGANA DI POSCHIAVO)

**S.S. 38 - LOTTO 4: NODO DI TIRANO -
TRATTA "A" (SVINCOLO DI BIANZONE - SVINCOLO LA GANDA)
E TRATTA "B" (SVINCOLO LA GANDA - CAMPONE IN TIRANO)**

PROGETTO ESECUTIVO

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VISTO: IL RESPONSABILE
DEL PROCEDIMENTO

RESPONSABILE
DELL'INTEGRAZIONE DELLE
PRESTAZIONI SPECIALISTICHE

GEOLOGO

IL COORDINATORE DELLA
SICUREZZA IN FASE DI
PROGETTAZIONE

Dott. Ing. Giancarlo LUONGO

Ing. Valerio BAJETTI

Dott. Geol. Francesco AMANTIA SCUDERI

Ing. Gaetano RANIERI

H - PROGETTO STRUTTURALE OPERE PRINCIPALI

HD05.2

**HD – GN02 GALLERIA IL DOSSO: IMBOCCO LATO SONDRIO
CABINE IMPIANTI - VOLUME 2 DI 2 - RELAZIONE DI CALCOLO**

CODICE PROGETTO			NOME FILE		REVISIONE	SCALA:
PROGETTO	LIV. PROG.	N. PROG.	HD05.2_P01GN02STRRE05.2_A.dwg			
M I 3 2 4	E	1 8 0 1	CODICE ELAB. P 0 1 G N 0 2 S T R R E 0 5		A	

C					
B					
A	EMISSIONE	FEBBRAIO 2019	ING GIANFRANCO SODERO	ING. FABRIZIO BAJETTI	ING. VALERIO BAJETTI
REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO

SOMMARIO

1	VERIFICHE STRUTTURALI.....	2
1.1	Parete P4.....	2
1.2	Parete P5.....	38
1.3	Parete P6.....	65
1.4	Parete P7.....	75
1.5	Parete P8.....	117
1.6	Parete P9.....	154
1.7	Parete P10.....	197
1.8	Pilastro	235
2	VERIFICHE GEOTECNICHE	238
2.1	Fondazione bassa	238
2.2	Fondazione media 1	240
2.3	Fondazione media 2	241
2.4	Fondazione alta 1	242
2.5	Fondazione alta 2	244
3	VERIFICA DEI CONTENUTI DI CUI AL PAR. 10.2 DELLE NTC 2008.....	246
3.1	Tipo di analisi svolta.....	246
3.2	Origine e caratteristiche dei codici di calcolo.....	246
3.3	Affidabilità dei codici utilizzati.....	246
3.4	Validazione dei codici	246
3.5	Modalità di presentazione dei risultati	246
3.6	Informazioni generali sull'elaborazione	246
3.7	Giudizio motivato di accettabilità dei risultati.....	246

1 VERIFICHE STRUTTURALI

1.1 PARETE P4

Si riportano di seguito gli involuipi delle sollecitazioni SLU/SLV massimi e minimi. Le unità di misura utilizzate sono [daN/cm] e [daNcm/cm]. Le sollecitazioni sono rappresentate nella convenzione tipica delle piastre. A seguire sono riportati i tabulati di verifica. Orizzontalmente si dispongono nella metà superiore $1\phi 20/20$ su entrambe le facce e nella metà inferiore $1\phi 24/20+1\phi 20/40$. Verticalmente si dispongono $1\phi 20/20$ su entrambe le facce tranne che nei 300 cm inferiori dove si hanno $1\phi 24/20+1\phi 20/40$.

A taglio si inseriscono spilli $\phi 12/40 \times 40$ che garantiscono una tensione di taglio resistente di 6.16 daN/cm². Questa resistenza è sufficiente per gran parte della platea fatta eccezione per alcune zone indicate di seguito che richiedono spilli $\phi 12/20 \times 40$ con una tensione resistente di 24.65 daN/cm². L'infittimento è previsto nei 350 cm inferiori della parete e in una striscia verticale di 100 cm posta sul lato opposto alla galleria.

θ	22	°
ctg θ	2.48	ok
A_{sw}	283	mm ²
s	400	mm
α	90	°
ctg α	6E-17	
f_{yd}	391	MPa
	264941	N
V_{Rsd}	0.62	MPa
	6.16	daN/cm ²
	1066370	N
V_{Rcd}	2.48	MPa
	24.80	daN/cm ²
V_{Rd}	0.62	MPa
	6.16	daN/cm ²

D passo
12 40

1D12 40x40

con armatura a taglio

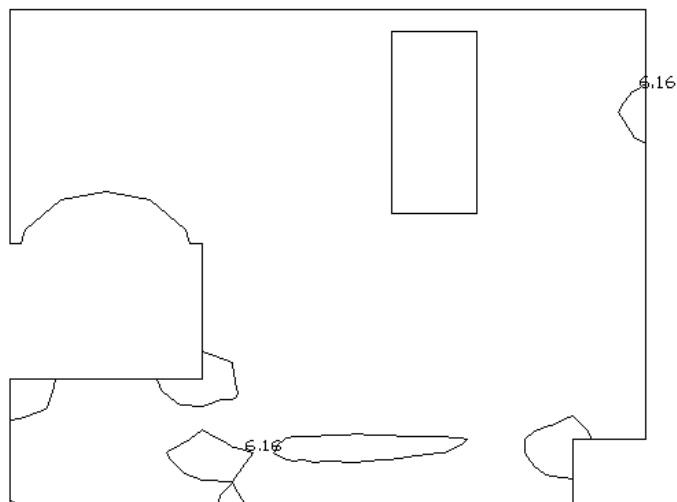


FIGURA 1: ISOLINEE DELLE TENSIONI

θ	22	°
ctg θ	2.48	ok
A_{sw}	565	mm ²
s	200	mm
α	90	°
ctg α	6E-17	
f_{yd}	391	MPa
	1059762	N
V_{Rsd}	2.46	MPa
	24.65	daN/cm ²
	1066370	N
V_{Rcd}	2.48	MPa
	24.80	daN/cm ²
V_{Rd}	2.46	MPa
	24.65	daN/cm ²

D passo
12 20

1D12 20x20

con armatura a taglio

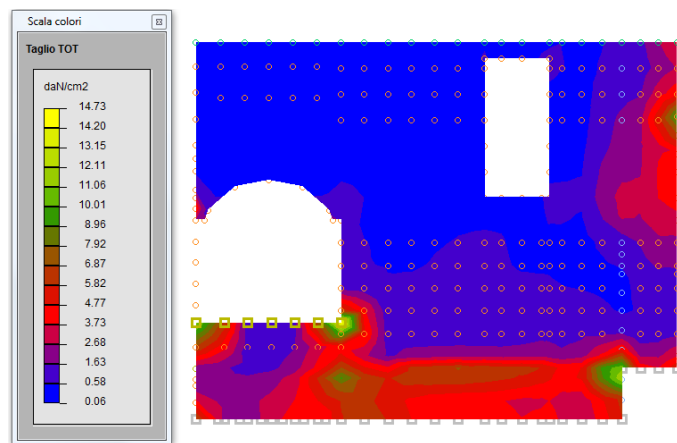


FIGURA 2: TENSIONI TANGENZIALI TOTALI

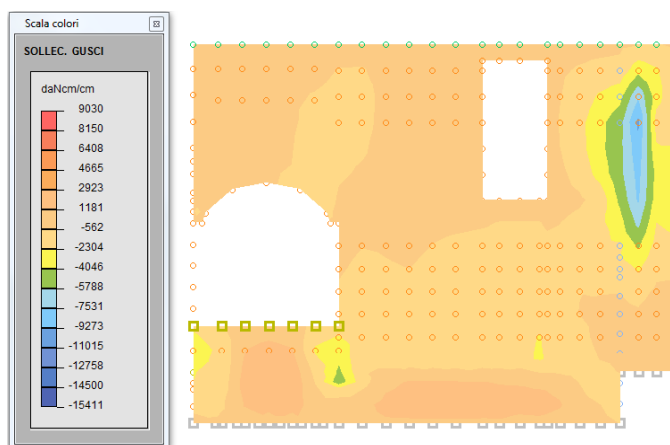


FIGURA 3: MIN Mx

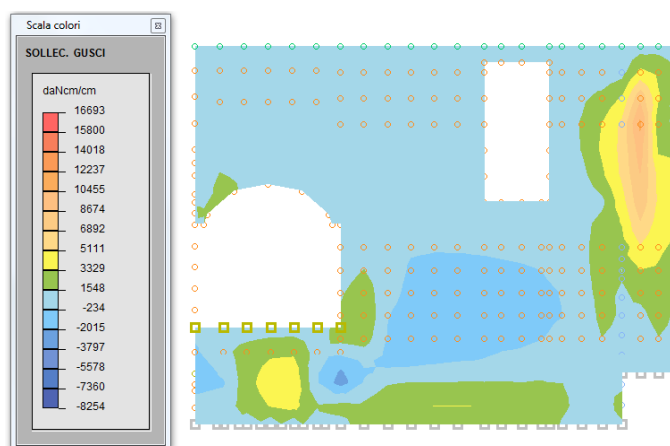


FIGURA 4: MAX Mx

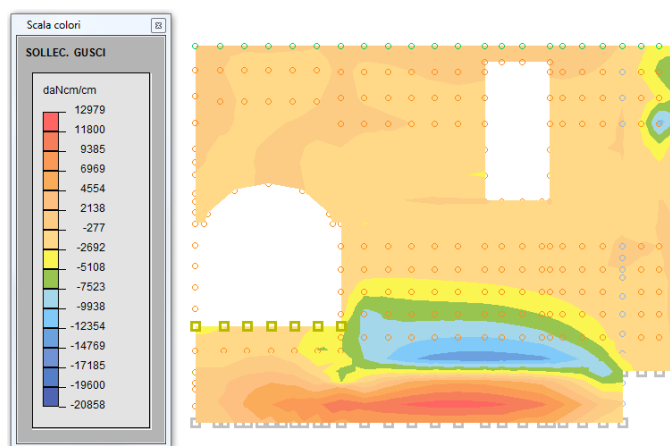


FIGURA 5: MIN My

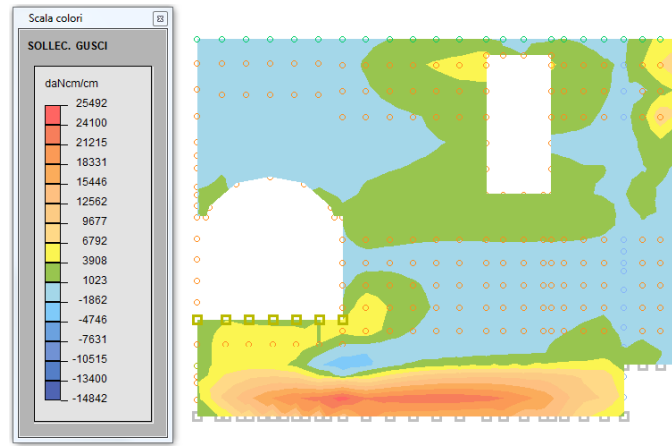


FIGURA 6: MAX MY

MACROGUSCIO P4

VERIFICA ARMATURE EFFETTIVE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
1	SLU SENZA SISMA 1
2	SLU SENZA SISMA 2
5	SLU con SISMAX PRINC
6	SLU con SISMAX PRINC

DATI:

tensione di snervamento acciaio (fyk): 4500 daN/cm²
 coefficiente sicurezza acciaio : 1.15
 deformazione ultima acciaio : 67.5 per mille
 deformazione ultima cls : 3.5 per mille
 rapporto rottura/snervamento (k): 1.15
 resistenza cilindrica cls (fck): 290.5 daN/cm²
 coefficiente sicurezza cls : 1.5
 coefficiente riduttivo (alfa): 0.85
 copriferro inferiore (asse armatura): 7 cm
 copriferro superiore (asse armatura): 7 cm
 moltiplicatore sollecitazioni : 1

LEGENDA:

spess = spessore guscio. Verifica effettuata su sezione BxH, con B=1 cm e H="spess" cm
 Af = area disposta al lembo teso, in cm² al metro
 Afc = area disposta al lembo compresso, in cm² al metro
 Mom = momento flettente [daNcm/cm]
 Nor = sforzo normale [daN]
 epsC = deformazione cls [per mille]
 epsF = deformazione acciaio [per mille]

<-

L'armatura è sufficiente se le deformazioni dei materiali sono ovunque minori delle corrispondenti deformazioni ultime.

GUSCI	spess	INFERIORE ORIZZONTALE						INFERIORE VERTICALE					
		Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
1815	50	16.25	16.25	7.	639.	0.00	0.94	15.92	15.92	0.	-191.	0.02	0.13
1816	50	16.25	16.25	231.	581.	0.00	0.87	15.92	15.92	25.	-232.	0.03	0.08
1817	50	16.25	16.25	207.	550.	0.00	0.82	15.92	15.92	167.	92.	0.01	0.15
1818	50	16.25	16.25	184.	395.	0.00	0.59	15.92	15.92	0.	340.	0.00	0.51
1820	50	16.25	16.25	0.	587.	0.00	0.86	15.92	15.92	0.	156.	0.00	0.23
1821	50	16.25	16.25	128.	552.	0.00	0.82	15.92	15.92	1.	97.	0.00	0.15
1822	50	16.25	16.25	265.	518.	0.00	0.78	15.92	15.92	80.	111.	0.00	0.17
1823	50	16.25	16.25	280.	468.	0.00	0.71	15.92	15.92	44.	143.	0.00	0.22
1824	50	16.25	16.25	0.	479.	0.00	0.70	15.92	15.92	0.	236.	0.00	0.35
1825	50	16.25	16.25	0.	460.	0.00	0.67	15.92	15.92	136.	109.	0.00	0.18
1826	50	16.25	16.25	139.	434.	0.00	0.65	15.92	15.92	426.	71.	0.00	0.14
1827	50	16.25	16.25	339.	403.	0.00	0.62	15.92	15.92	632.	49.	0.00	0.12
1828	50	16.25	16.25	368.	346.	0.00	0.54	15.92	15.92	588.	14.	0.02	0.07
1829	50	16.25	16.25	0.	216.	0.00	0.32	15.92	15.92	38.	207.	0.00	0.31
1830	50	16.25	16.25	0.	287.	0.00	0.42	15.92	15.92	325.	93.	0.00	0.17
1831	50	16.25	16.25	166.	275.	0.00	0.42	15.92	15.92	419.	-96.	0.02	0.04

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1832		50		16.25	16.25	379.	252.	0.00	0.40		15.92	15.92	550.	-154.	0.03	0.03	
1833		50		16.25	16.25	447.	145.	0.00	0.25		15.92	15.92	850.	-255.	0.05	0.04	
1834		50		16.25	16.25	0.	162.	0.00	0.24		15.92	15.92	298.	-86.	0.02	0.12	
1835		50		16.25	16.25	273.	82.	0.00	0.14		15.92	15.92	518.	-124.	0.03	0.02	
1836		50		16.25	16.25	613.	84.	0.00	0.17		15.92	15.92	833.	-157.	0.04	0.04	
1837		50		16.25	16.25	1019.	59.	0.00	0.18		15.92	15.92	754.	-204.	0.04	0.04	
1838		50		16.25	16.25	1017.	67.	0.00	0.17		15.92	15.92	1271.	-364.	0.07	0.04	
1839		50		16.25	16.25	0.	279.	0.00	0.41		15.92	15.92	803.	154.	0.00	0.29	
1840		50		16.25	16.25	556.	187.	0.00	0.32		15.92	15.92	2702.	-53.	0.07	0.19	
1841		50		16.25	16.25	998.	129.	0.00	0.26		15.92	15.92	4263.	-84.	0.12	0.30	
1842		50		16.25	16.25	1362.	99.	0.00	0.25		15.92	15.92	5327.	-122.	0.15	0.36	
1843		50		16.25	16.25	1361.	139.	0.00	0.31		15.92	15.92	5241.	-130.	0.15	0.36	
1844		50		16.25	16.25	129.	333.	0.00	0.50		15.92	15.92	0.	455.	0.00	0.68	
1845		50		16.25	16.25	158.	347.	0.00	0.52		15.92	15.92	24.	165.	0.00	0.25	
1846		50		16.25	16.25	195.	163.	0.00	0.25		15.92	15.92	685.	-45.	0.02	0.05	
1847		50		16.25	16.25	239.	45.	0.00	0.08		15.92	15.92	1114.	-317.	0.06	0.05	
1848		50		16.25	16.25	416.	115.	0.00	0.20		15.92	15.92	1414.	-382.	0.08	0.04	
1856		50		16.25	16.25	76.	253.	0.00	0.38		15.92	15.92	811.	271.	0.00	0.47	
1857		50		16.25	16.25	88.	185.	0.00	0.28		15.92	15.92	0.	90.	0.00	0.13	
1858		50		16.25	16.25	147.	6.	0.00	0.02		15.92	15.92	711.	-329.	0.05	0.01	
1859		50		16.25	16.25	114.	54.	0.00	0.09		15.92	15.92	702.	-216.	0.04	0.04	
1860		50		16.25	16.25	344.	162.	0.00	0.26		15.92	15.92	1243.	-184.	0.05	0.06	
1862		50		16.25	16.25	17935.	-9.	0.45	1.34		15.92	15.92	117.	44.	0.00	0.08	
1863		50		16.25	16.25	6857.	27.	0.14	0.55		15.92	15.92	440.	96.	0.00	0.18	
1864		50		16.25	16.25	15606.	95.	0.35	1.31		15.92	15.92	661.	125.	0.01	0.24	
1865		50		16.25	16.25	18708.	6.	0.47	1.41		15.92	15.92	50.	-120.	0.01	0.04	
1866		50		16.25	16.25	7082.	60.	0.12	0.62		15.92	15.92	548.	104.	0.00	0.20	
1867		50		16.25	16.25	14498.	122.	0.30	1.27		15.92	15.92	896.	142.	0.00	0.28	
1868		50		16.25	16.25	17139.	26.	0.42	1.33		15.92	15.92	2293.	-100.	0.07	0.18	
1869		50		16.25	16.25	8008.	84.	0.12	0.72		15.92	15.92	4508.	-39.	0.12	0.40	
1871		50		16.25	16.25	16099.	42.	0.39	1.27		15.92	15.92	4241.	-17.	0.11	0.33	
1872		50		16.25	16.25	11792.	97.	0.23	1.03		15.92	15.92	6555.	-8.	0.17	0.55	
1873		50		16.25	16.25	11155.	23.	0.26	0.87		15.92	15.92	8607.	-9.	0.22	0.75	
1874		50		16.25	16.25	13567.	60.	0.30	1.11		15.92	15.92	7497.	-16.	0.19	0.57	
1875		50		16.25	16.25	11173.	93.	0.21	0.98		15.92	15.92	9870.	31.	0.24	0.80	
1876		50		16.25	16.25	10204.	75.	0.19	0.88		15.92	15.92	11892.	38.	0.29	0.97	
1877		50		16.25	16.25	10323.	86.	0.19	0.92		15.92	15.92	9753.	38.	0.22	0.80	
1878		50		16.25	16.25	11515.	77.	0.23	0.98		15.92	15.92	12665.	47.	0.29	1.04	
1879		50		16.25	16.25	9732.	41.	0.21	0.79		15.92	15.92	17720.	2.	0.45	1.36	
1880		50		16.25	16.25	78.	311.	0.00	0.46		15.92	15.92	670.	129.	0.01	0.24	
1881		50		16.25	16.25	0.	263.	0.00	0.38		15.92	15.92	92.	-83.	0.01	0.07	
1882		50		16.25	16.25	2660.	57.	0.00	0.28		15.92	15.92	87.	-110.	0.01	-0.01	
1883		50		16.25	16.25	0.	252.	0.00	0.37		15.92	15.92	0.	44.	0.00	0.07	
1884		50		16.25	16.25	0.	172.	0.00	0.25		15.92	15.92	0.	-87.	0.01	-0.01	
1885		50		16.25	16.25	3364.	5.	0.08	0.26		15.92	15.92	0.	-157.	0.02	-0.02	
1886		50		16.25	16.25	0.	81.	0.00	0.12		15.92	15.92	388.	-290.	0.04	-0.02	
1887		50		16.25	16.25	677.	62.	0.00	0.14		15.92	15.92	319.	-240.	0.03	-0.02	
1888		50		16.25	16.25	1830.	90.	0.01	0.27		15.92	15.92	49.	-177.	0.02	-0.02	
1889		50		16.25	16.25	312.	88.	0.00	0.15		15.92	15.92	527.	-191.	0.03	0.02	
1890		50		16.25	16.25	1040.	169.	0.00	0.33		15.92	15.92	286.	-159.	0.03	0.02	
1891		50		16.25	16.25	2221.	196.	0.00	0.45		15.92	15.92	2050.	-87.	0.06	0.14	
1892		50		16.25	16.25	969.	134.	0.00	0.27		15.92	15.92	702.	-195.	0.04	0.05	
1893		50		16.25	16.25	1022.	152.	0.00	0.30		15.92	15.92	1826.	-202.	0.07	0.13	
1894		50		16.25	16.25	2173.	198.	0.00	0.45		15.92	15.92	4506.	-77.	0.12	0.32	
1895		50		16.25	16.25	1288.	155.	0.00	0.32		15.92	15.92	2096.	-85.	0.06	0.15	
1896		50		16.25	16.25	845.	144.	0.00	0.27		15.92	15.92	1552.	-65.	0.05	0.12	
1897		50		16.25	16.25	1844.	190.	0.00	0.42		15.92	15.92	4695.	-1.	0.12	0.36	
1898		50		16.25	16.25	1208.	560.	0.00	0.91		15.92	15.92	3017.	-45.	0.08	0.22	
1899		50		16.25	16.25	1180.	374.	0.00	0.66		15.92	15.92	2288.	123.	0.06	0.36	
1900		50		16.25	16.25	1837.	541.	0.00	0.93		15.92	15.92	2238.	-108.	0.07	0.32	
1901		50		16.25	16.25	684.	98.	0.00	0.19		15.92	15.92	3661.	-72.	0.10	0.26	
1903		50		16.25	16.25	898.	165.	0.00	0.31		15.92	15.92	3697.	-37.	0.10	0.27	
1904		50		16.25	16.25	659.	156.	0.00	0.28		15.92	15.92	4660.	-59.	0.13	0.34	
1905		50		16.25	16.25	655.	130.	0.00	0.24		15.92	15.92	1881.	-19.	0.05	0.14	
1906		50		16.25	16.25	739.	254.	0.00	0.43		15.92	15.92	2268.	-75.	0.07	0.16	
1907		50		16.25	16.25	1033.	192.	0.00	0.36		15.92	15.92	2466.	1.	0.06	0.19	
2499		50		16.25	16.25	857.	420.	0.00	0.68		15.92	15.92	0.	244.	0.00	0.37	
2500		50		16.25	16.25	244.	110.	0.01	0.18		15.92	15.92	281.	41.	0.01	0.08	
2501		50		16.25	16.25	594.	468.	0.00	0.73		15.92	15.92	527.	136.	0.01	0.24	
2502		50		16.25	16.25	636.	566.	0.00	0.88		15.92	15.92	647.	348.	0.00	0.57	
2503		50		16.25	16.25	389.	557.	0.00	0.85		15.92	15.92	591.	342.	0.00	0.56	
2504		50		16.25	16.25	0.	482.	0.00	0.71		15.92	15.92	376.	281.	0.00	0.45	
2505		50		16.25	16.25	908.	422.	0.00	0.69		15.92	15.92	317.	486.	0.00	0.75	
2506		50		16.25	16.25	285.	326.	0.00	0.50		15.92	15.92	346.	428.	0.00	0.67	
2507		50		16.25	16.25	310.	147.	0.00	0.24		15.92	15.92	366.	326.	0.00	0.52	
2508		50		16.25	16.25	623.	526.	0.00	0.82		15.92	15.92	353.	208.	0.01	0.34	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2509		50		16.25	16.25	337.	500.	0.00	0.76		15.92	15.92	0.	252.	0.00	0.38	
2510		50		16.25	16.25	0.	402.	0.00	0.59		15.92	15.92	109.	184.	0.01	0.28	
2511		50		16.25	16.25	1079.	430.	0.00	0.71		15.92	15.92	369.	612.	0.00	0.94	
2512		50		16.25	16.25	508.	551.	0.00	0.85		15.92	15.92	319.	510.	0.00	0.79	
2513		50		16.25	16.25	211.	605.	0.00	0.90		15.92	15.92	244.	216.	0.00	0.34	
2514		50		16.25	16.25	353.	196.	0.00	0.31		15.92	15.92	0.	369.	0.00	0.55	
2515		50		16.25	16.25	29.	211.	0.00	0.31		15.92	15.92	0.	452.	0.00	0.68	
2516		50		16.25	16.25	0.	210.	0.00	0.31		15.92	15.92	0.	334.	0.00	0.50	
2518		50		16.25	16.25	879.	540.	0.00	0.87		15.92	15.92	398.	586.	0.00	0.91	
2519		50		16.25	16.25	509.	701.	0.00	1.07		15.92	15.92	316.	311.	0.00	0.49	
2520		50		16.25	16.25	0.	921.	0.00	1.35		15.92	15.92	0.	443.	0.00	0.66	
2521		50		16.25	16.25	0.	858.	0.00	1.26		15.92	15.92	0.	526.	0.00	0.79	
2525		50		16.25	16.25	770.	502.	0.00	0.79		15.92	15.92	463.	643.	0.00	1.00	
2526		50		16.25	16.25	751.	762.	0.00	1.18		15.92	15.92	416.	348.	0.00	0.55	
2527		50		16.25	16.25	0.	1195.	0.00	1.75		15.92	15.92	0.	586.	0.00	0.88	
2528		50		16.25	16.25	0.	1210.	0.00	1.77		15.92	15.92	0.	522.	0.00	0.78	
2530		50		16.25	16.25	1403.	107.	0.00	0.26		15.92	15.92	1386.	1321.	0.00	1.98	
2531		50		16.25	16.25	1251.	203.	0.00	0.39		15.92	15.92	1382.	1339.	0.00	2.00	
2534		50		16.25	16.25	0.	1392.	0.00	2.04		15.92	15.92	0.	667.	0.00	1.00	
2536		50		52.70	52.70	0.	1199.	0.00	0.54		15.92	15.92	0.	280.	0.00	0.42	
2653		50		16.25	16.25	1591.	200.	0.00	0.41		15.92	15.92	465.	707.	0.00	1.10	
2654		50		16.25	16.25	1360.	284.	0.00	0.52		15.92	15.92	502.	684.	0.00	1.06	
2655		50		16.25	16.25	1298.	334.	0.00	0.59		15.92	15.92	341.	672.	0.00	1.03	
2657		50		16.25	16.25	1344.	361.	0.00	0.63		15.92	15.92	518.	677.	0.00	1.06	
2658		50		16.25	16.25	1402.	86.	0.00	0.23		15.92	15.92	546.	652.	0.00	1.02	
2659		50		16.25	16.25	1526.	124.	0.00	0.30		15.92	15.92	520.	688.	0.00	1.07	
2669		50		16.25	16.25	739.	487.	0.00	0.77		15.92	15.92	953.	1234.	0.00	4.61	
2676		50		16.25	16.25	0.	417.	0.00	0.61		15.92	15.92	0.	316.	0.00	0.47	
2677		50		16.25	16.25	0.	602.	0.00	0.88		15.92	15.92	0.	365.	0.00	0.55	
2681		50		16.25	16.25	0.	988.	0.00	1.45		15.92	15.92	0.	511.	0.00	0.76	
2685		50		16.25	16.25	1204.	635.	0.00	1.03		15.92	15.92	1385.	1324.	0.00	1.98	
3885		50		16.25	16.25	10803.	76.	0.21	0.92		15.92	15.92	1212.	227.	0.00	0.43	
3887		50		16.25	16.25	9345.	40.	0.20	0.76		15.92	15.92	6958.	11.	0.17	0.55	
3888		50		16.25	16.25	10299.	61.	0.21	0.86		15.92	15.92	2350.	174.	0.00	0.44	
3889		50		16.25	16.25	0.	1228.	0.00	1.80		15.92	15.92	0.	508.	0.00	0.76	
3890		50		16.25	16.25	0.	1068.	0.00	1.56		15.92	15.92	0.	398.	0.00	0.59	
3891		50		16.25	16.25	0.	889.	0.00	1.30		15.92	15.92	0.	255.	0.00	0.38	
3892		50		16.25	16.25	0.	645.	0.00	0.94		15.92	15.92	0.	306.	0.00	0.46	
3893		50		16.25	16.25	0.	588.	0.00	0.86		15.92	15.92	0.	243.	0.00	0.36	
4218		50		52.70	16.25	110.	454.	0.00	0.67		15.92	15.92	262.	-215.	0.04	0.08	
4219		50		52.70	16.25	276.	395.	0.00	0.60		15.92	15.92	1810.	-158.	0.06	0.16	
4220		50		52.70	16.25	214.	391.	0.00	0.59		15.92	15.92	1964.	-272.	0.08	0.14	
4221		50		52.70	16.25	29.	246.	0.00	0.21		15.92	15.92	2110.	-146.	0.07	0.37	
4222		50		52.70	16.25	0.	298.	0.00	0.24		15.92	15.92	2295.	342.	0.00	0.70	
4223		50		52.70	16.25	340.	312.	0.00	0.48		15.92	15.92	1245.	-56.	0.04	0.16	
4224		50		52.70	16.25	101.	325.	0.00	0.48		15.92	15.92	1135.	-70.	0.04	0.07	
4225		50		52.70	16.25	0.	240.	0.00	0.35		15.92	15.92	396.	-214.	0.03	-0.01	
4226		50		16.25	16.25	2342.	63.	0.00	0.27		15.92	15.92	223.	-206.	0.03	-0.02	
4227		50		36.45	36.45	666.	231.	0.00	0.17		15.92	15.92	970.	119.	0.02	0.25	
4228		50		36.45	36.45	1633.	870.	0.00	0.62		15.92	15.92	516.	301.	0.00	0.49	
4229		50		36.45	36.45	2874.	2193.	0.00	1.54		15.92	15.92	0.	686.	0.00	1.03	
4230		50		36.45	36.45	3335.	2531.	0.00	1.77		15.92	15.92	0.	950.	0.00	1.42	
4235		50		36.45	36.45	175.	1643.	0.00	1.08		35.81	35.81	20084.	1438.	0.00	1.69	
4237		50		36.45	36.45	906.	438.	0.00	0.32		15.92	15.92	1194.	168.	0.00	0.34	
4238		50		36.45	36.45	1300.	1121.	0.00	0.78		15.92	15.92	573.	325.	0.00	0.53	
4239		50		36.45	36.45	1292.	1804.	0.00	1.22		15.92	15.92	0.	448.	0.00	0.67	
4240		50		36.45	36.45	1293.	1974.	0.00	1.34		15.92	15.92	0.	429.	0.00	0.64	
4241		50		36.45	36.45	651.	1660.	0.00	1.11		35.81	15.92	1595.	-230.	0.07	0.57	
4242		50		36.45	36.45	1417.	2073.	0.00	1.41		35.81	35.81	0.	661.	0.00	0.44	
4244		50		36.45	36.45	1684.	1846.	0.00	1.27		35.81	35.81	10127.	1907.	0.00	1.65	
4245		50		36.45	36.45	2248.	1929.	0.00	1.34		35.81	35.81	21345.	1616.	0.04	1.86	
4247		50		36.45	36.45	242.	418.	0.00	0.28		15.92	15.92	1499.	158.	0.03	0.35	
4248		50		36.45	36.45	0.	1083.	0.00	0.71		15.92	15.92	563.	260.	0.00	0.43	
4249		50		36.45	36.45	0.	1499.	0.00	0.98		15.92	15.92	0.	-197.	0.02	0.08	
4250		50		36.45	36.45	0.	1511.	0.00	0.99		15.92	15.92	0.	-258.	0.03	-0.03	
4251		50		36.45	36.45	0.	1169.	0.00	0.76		35.81	15.92	0.	-249.	0.03	-0.03	
4252		50		36.45	36.45	626.	1494.	0.00	1.00		35.81	35.81	0.	-302.	0.03	-0.03	
4254		50		36.45	36.45	1863.	1925.	0.00	1.32		35.81	35.81	11488.	2001.	0.00	1.75	
4255		50		36.45	36.45	2649.	2122.	0.00	1.48		35.81	35.81	22326.	1694.	0.65	7.10	
4257		50		36.45	36.45	0.	341.	0.00	0.22		15.92	15.92	576.	-278.	0.05	0.06	
4258		50		36.45	36.45	0.	891.	0.00	0.58		15.92	15.92	0.	-279.	0.03	-0.03	
4259		50		36.45	36.45	0.	1190.	0.00	0.78		15.92	15.92	0.	-244.	0.03	0.16	
4260		50		36.45	36.45	0.	1068.	0.00	0.70		15.92	15.92	0.	-94.	0.01	0.07	
4261		50		36.45	36.45	0.	824.	0.00	0.54		35.81	15.92	0.	-245.	0.03	-0.03	
4262		50		36.45	36.45	141.	1115.	0.00	0.73		35.81	35.81	0.	-364.	0.04	-0.04	
4264		50		36.45	36.45	1838.	1901.	0.00	1.31		35.81	35.81	12719.	2000.	0.00	1.80	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4265		50		36.45	36.45	2639.	2197.	0.00	1.53		35.81	35.81	22454.	1772.	1.49	13.14	
4267		50		36.45	36.45	0.	621.	0.00	0.41		15.92	15.92	778.	-146.	0.04	0.28	
4268		50		36.45	36.45	0.	876.	0.00	0.57		15.92	15.92	0.	-175.	0.02	0.25	
4269		50		36.45	36.45	0.	894.	0.00	0.58		15.92	15.92	0.	324.	0.00	0.48	
4270		50		36.45	36.45	0.	809.	0.00	0.53		15.92	15.92	0.	164.	0.00	0.24	
4271		50		36.45	36.45	0.	607.	0.00	0.40		35.81	15.92	0.	-143.	0.02	-0.02	
4272		50		36.45	36.45	0.	851.	0.00	0.56		35.81	35.81	0.	-374.	0.04	-0.04	
4274		50		36.45	36.45	1831.	1849.	0.00	1.27		35.81	35.81	13333.	1983.	0.00	1.81	
4275		50		36.45	36.45	2616.	2221.	0.00	1.55		35.81	35.81	22211.	1803.	1.62	14.05	
4277		50		36.45	36.45	0.	583.	0.00	0.38		15.92	15.92	241.	406.	0.00	0.63	
4278		50		36.45	36.45	0.	759.	0.00	0.50		15.92	15.92	0.	399.	0.00	0.60	
4279		50		36.45	36.45	0.	753.	0.00	0.49		15.92	15.92	0.	344.	0.00	0.51	
4280		50		36.45	36.45	0.	647.	0.00	0.42		15.92	15.92	0.	238.	0.00	0.36	
4281		50		36.45	36.45	0.	473.	0.00	0.31		35.81	15.92	0.	-52.	0.01	0.06	
4282		50		36.45	36.45	0.	604.	0.00	0.39		35.81	35.81	0.	-331.	0.03	-0.03	
4284		50		36.45	36.45	1605.	1822.	0.00	1.25		35.81	35.81	13505.	1975.	0.00	1.81	
4285		50		36.45	36.45	2441.	2230.	0.00	1.54		35.81	35.81	22261.	1824.	1.97	16.43	
4287		50		36.45	36.45	453.	267.	0.00	0.19		15.92	15.92	725.	-252.	0.05	0.05	
4288		50		36.45	36.45	402.	7.	0.01	0.02		15.92	15.92	0.	230.	0.00	0.34	
4289		50		36.45	36.45	0.	123.	0.00	0.08		15.92	15.92	0.	282.	0.00	0.42	
4290		50		36.45	36.45	0.	262.	0.00	0.17		15.92	15.92	0.	312.	0.00	0.47	
4291		50		36.45	36.45	0.	399.	0.00	0.26		35.81	15.92	0.	325.	0.00	0.49	
4292		50		36.45	36.45	1008.	915.	0.00	0.63		35.81	35.81	0.	305.	0.00	0.20	
4294		50		36.45	36.45	1700.	1867.	0.00	1.28		35.81	35.81	9493.	1985.	0.00	1.67	
4295		50		36.45	36.45	2523.	2195.	0.00	1.52		35.81	35.81	15584.	1933.	0.00	1.86	
4297		50		36.45	36.45	448.	83.	0.01	0.07		15.92	15.92	760.	-248.	0.05	0.04	
4298		50		36.45	36.45	470.	121.	0.00	0.10		15.92	15.92	0.	188.	0.00	0.28	
4299		50		36.45	36.45	36.	303.	0.00	0.20		15.92	15.92	0.	265.	0.00	0.40	
4300		50		36.45	36.45	0.	331.	0.00	0.22		15.92	15.92	0.	323.	0.00	0.48	
4301		50		36.45	36.45	0.	407.	0.00	0.27		35.81	15.92	0.	378.	0.00	0.57	
4302		50		36.45	36.45	1106.	894.	0.00	0.62		35.81	35.81	0.	411.	0.00	0.27	
4304		50		36.45	36.45	1183.	1811.	0.00	1.23		35.81	35.81	7975.	1911.	0.00	1.56	
4305		50		36.45	36.45	1819.	2125.	0.00	1.45		35.81	35.81	12353.	1936.	0.00	1.74	
4307		50		36.45	36.45	848.	-6.	0.02	0.05		15.92	15.92	464.	-227.	0.04	-0.02	
4308		50		36.45	36.45	1203.	79.	0.02	0.09		15.92	15.92	10.	124.	0.00	0.19	
4309		50		36.45	36.45	1207.	189.	0.00	0.18		15.92	15.92	0.	231.	0.00	0.35	
4310		50		36.45	36.45	767.	258.	0.00	0.20		15.92	15.92	0.	314.	0.00	0.47	
4311		50		36.45	36.45	315.	382.	0.00	0.26		35.81	15.92	0.	389.	0.00	0.58	
4312		50		36.45	36.45	1178.	813.	0.00	0.57		35.81	35.81	0.	492.	0.00	0.33	
4314		50		36.45	36.45	420.	1654.	0.00	1.10		35.81	35.81	6022.	1577.	0.00	1.27	
4315		50		36.45	36.45	801.	1937.	0.00	1.29		35.81	35.81	8993.	1534.	0.00	1.35	
4320		50		36.45	36.45	1860.	170.	0.00	0.18		15.92	15.92	0.	270.	0.00	0.40	
4321		50		36.45	36.45	1521.	250.	0.00	0.22		35.81	15.92	0.	370.	0.00	0.55	
4322		50		36.45	36.45	1204.	329.	0.00	0.26		35.81	35.81	0.	457.	0.00	0.30	
4324		50		36.45	36.45	0.	884.	0.00	0.58		35.81	35.81	4803.	1426.	0.00	1.12	
4325		50		36.45	36.45	0.	1082.	0.00	0.71		35.81	35.81	6460.	1396.	0.00	1.16	
4330		50		52.70	16.25	193.	669.	0.00	1.00		15.92	15.92	2538.	246.	0.00	0.57	
4333		50		52.70	16.25	413.	603.	0.00	0.92		15.92	15.92	2360.	120.	0.06	0.36	
4334		50		52.70	16.25	550.	586.	0.00	0.90		15.92	15.92	2012.	-77.	0.06	0.15	
4335		50		52.70	16.25	611.	441.	0.00	0.69		15.92	15.92	1572.	33.	0.01	0.17	
4336		50		36.45	36.45	30.	699.	0.00	0.46		15.92	15.92	1041.	394.	0.00	0.67	
4337		50		36.45	36.45	0.	744.	0.00	0.49		15.92	15.92	0.	404.	0.00	0.60	
4338		50		36.45	36.45	0.	691.	0.00	0.45		15.92	15.92	0.	347.	0.00	0.52	
4339		50		36.45	36.45	0.	552.	0.00	0.36		15.92	15.92	0.	258.	0.00	0.39	
4340		50		36.45	36.45	0.	324.	0.00	0.21		35.81	15.92	0.	135.	0.00	0.20	
4341		50		36.45	36.45	0.	613.	0.00	0.40		35.81	35.81	0.	-163.	0.02	-0.02	
4343		50		36.45	36.45	1893.	1812.	0.00	1.25		35.81	35.81	13094.	1979.	0.00	1.80	
4344		50		36.45	36.45	2916.	2243.	0.00	1.57		35.81	35.81	21924.	1833.	1.81	15.52	
4346		50		36.45	36.45	250.	639.	0.00	0.43		15.92	15.92	1241.	218.	0.00	0.42	
4347		50		36.45	36.45	0.	699.	0.00	0.46		15.92	15.92	0.	391.	0.00	0.58	
4348		50		36.45	36.45	0.	630.	0.00	0.41		15.92	15.92	0.	342.	0.00	0.51	
4349		50		36.45	36.45	0.	479.	0.00	0.31		15.92	15.92	0.	274.	0.00	0.41	
4350		50		36.45	36.45	0.	259.	0.00	0.17		35.81	15.92	0.	185.	0.00	0.28	
4351		50		36.45	36.45	129.	642.	0.00	0.42		35.81	35.81	0.	-56.	0.01	0.02	
4353		50		36.45	36.45	1921.	1871.	0.00	1.29		35.81	35.81	12406.	1991.	0.00	1.78	
4354		50		36.45	36.45	2727.	2232.	0.00	1.56		35.81	35.81	21229.	1865.	1.67	14.85	
4356		50		36.45	36.45	491.	579.	0.00	0.40		15.92	15.92	1028.	-194.	0.05	0.12	
4357		50		36.45	36.45	275.	556.	0.00	0.37		15.92	15.92	0.	339.	0.00	0.51	
4358		50		36.45	36.45	0.	517.	0.00	0.34		15.92	15.92	0.	324.	0.00	0.49	
4359		50		36.45	36.45	0.	136.	0.00	0.09		15.92	15.92	0.	293.	0.00	0.44	
4360		50		36.45	36.45	0.	88.	0.00	0.06		35.81	15.92	0.	249.	0.00	0.37	
4361		50		36.45	36.45	700.	882.	0.00	0.60		35.81	35.81	0.	168.	0.00	0.11	
4363		50		36.45	36.45	1748.	1893.	0.00	1.30		35.81	35.81	11468.	1997.	0.00	1.75	
4364		50		36.45	36.45	2454.	2245.	0.00	1.55		35.81	35.81	19702.	1893.	0.83	9.80	
4366		50		36.45	36.45	535.	451.	0.00	0.31		15.92	15.92	1020.	-215.	0.05	0.06	
4367		50		36.45	36.45	306.	294.	0.00	0.20		15.92	15.92	0.	270.	0.00	0.40	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4368		50		36.45	36.45	10.	69.	0.00	0.05		15.92	15.92	0.	299.	0.00	0.45	
4369		50		36.45	36.45	0.	114.	0.00	0.07		15.92	15.92	0.	302.	0.00	0.45	
4370		50		36.45	36.45	0.	387.	0.00	0.25		35.81	15.92	0.	280.	0.00	0.42	
4371		50		36.45	36.45	845.	910.	0.00	0.62		35.81	35.81	0.	226.	0.00	0.15	
4373		50		36.45	36.45	1754.	1895.	0.00	1.30		35.81	35.81	10199.	1997.	0.00	1.70	
4374		50		36.45	36.45	2420.	2234.	0.00	1.55		35.81	35.81	17736.	1909.	0.00	4.05	
4379		50		16.25	16.25	15517.	-14.	0.39	1.15		15.92	15.92	265.	-117.	0.02	0.04	
4385		50		36.45	36.45	3920.	242.	0.00	0.31		15.92	15.92	415.	204.	0.00	0.34	
4386		50		36.45	36.45	2119.	338.	0.00	0.31		35.81	15.92	0.	332.	0.00	0.50	
4387		50		36.45	36.45	658.	436.	0.00	0.31		35.81	35.81	0.	436.	0.00	0.29	
4389		50		36.45	36.45	339.	461.	0.00	0.31		35.81	35.81	0.	528.	0.00	0.35	
4390		50		52.70	16.25	6263.	20.	0.14	0.50		15.92	15.92	655.	-20.	0.02	0.05	
4391		50		52.70	16.25	14209.	39.	0.34	1.12		15.92	15.92	1258.	-8.	0.03	0.09	
4392		50		36.45	36.45	6024.	32.	0.08	0.23		15.92	15.92	1045.	-106.	0.04	0.06	
4394		50		36.45	36.45	5139.	88.	0.04	0.24		15.92	15.92	614.	-40.	0.02	0.04	
4396		50		36.45	36.45	3883.	199.	0.00	0.27		15.92	15.92	587.	94.	0.00	0.19	
4398		50		36.45	36.45	2654.	326.	0.00	0.31		15.92	15.92	729.	166.	0.00	0.32	
4399		50		36.45	36.45	1001.	273.	0.00	0.21		15.92	15.92	1042.	151.	0.00	0.31	
4400		50		36.45	36.45	1541.	444.	0.00	0.34		35.81	15.92	0.	303.	0.00	0.45	
4401		50		36.45	36.45	971.	350.	0.00	0.26		35.81	15.92	372.	265.	0.00	0.42	
4402		50		36.45	36.45	806.	505.	0.00	0.36		35.81	35.81	0.	437.	0.00	0.29	
4404		50		36.45	36.45	637.	542.	0.00	0.38		35.81	35.81	0.	427.	0.00	0.28	
4405		50		36.45	36.45	869.	415.	0.00	0.30		35.81	35.81	0.	312.	0.00	0.21	
5414		50		36.45	36.45	3540.	1265.	0.00	0.95		35.81	35.81	9917.	1199.	0.00	1.15	
5415		50		36.45	36.45	2562.	1266.	0.00	0.92		35.81	35.81	1868.	1317.	0.00	0.95	
5417		50		36.45	36.45	3183.	1238.	0.00	0.92		35.81	35.81	8870.	1031.	0.00	1.00	
5418		50		36.45	36.45	2779.	1232.	0.00	0.90		35.81	35.81	2609.	1142.	0.00	0.85	
5420		50		36.45	36.45	2588.	1218.	0.00	0.89		35.81	35.81	6836.	1012.	0.00	0.91	
5421		50		36.45	36.45	2364.	1215.	0.00	0.88		35.81	35.81	3645.	969.	0.00	0.77	
5423		50		36.45	36.45	2342.	1156.	0.00	0.84		35.81	35.81	6917.	1215.	0.00	1.05	
5424		50		36.45	36.45	1667.	1194.	0.00	0.84		35.81	35.81	2780.	1071.	0.00	0.81	
5427		50		36.45	36.45	0.	1025.	0.00	0.67		35.81	35.81	2057.	1106.	0.00	0.81	
5432		50		36.45	36.45	0.	1410.	0.00	0.92		35.81	35.81	352.	1690.	0.00	1.14	
5435		50		36.45	36.45	0.	1402.	0.00	0.92		35.81	35.81	0.	1530.	0.00	1.02	
5437		50		36.45	36.45	173.	396.	0.00	0.26		35.81	35.81	10660.	1079.	0.00	1.10	
5438		50		36.45	36.45	0.	502.	0.00	0.33		35.81	35.81	10372.	942.	0.00	0.99	
5439		50		36.45	36.45	0.	277.	0.00	0.18		35.81	35.81	9518.	1181.	0.00	1.12	
5441		50		36.45	36.45	2618.	1110.	0.00	0.82		35.81	35.81	12264.	924.	0.00	1.05	
5442		50		36.45	36.45	2760.	1137.	0.00	0.84		35.81	35.81	11514.	903.	0.00	1.01	
5443		50		36.45	36.45	2309.	1101.	0.00	0.80		35.81	35.81	10967.	1058.	0.00	1.09	
5445		50		36.45	36.45	2098.	1178.	0.00	0.84		35.81	35.81	14234.	897.	0.00	1.10	
5446		50		36.45	36.45	2727.	1214.	0.00	0.89		35.81	35.81	13571.	868.	0.00	1.06	
5447		50		36.45	36.45	2298.	1185.	0.00	0.85		35.81	35.81	13075.	853.	0.00	1.03	
5449		50		36.45	36.45	2477.	1209.	0.00	0.88		35.81	35.81	15508.	974.	0.00	1.20	
5450		50		36.45	36.45	3253.	1237.	0.00	0.92		35.81	35.81	14877.	933.	0.00	1.15	
5451		50		36.45	36.45	2001.	1216.	0.00	0.86		35.81	35.81	14580.	913.	0.00	1.12	
5453		50		36.45	36.45	3164.	1261.	0.00	0.93		35.81	35.81	17260.	1082.	0.00	1.33	
5454		50		36.45	36.45	3864.	1267.	0.00	0.96		35.81	35.81	16477.	1029.	0.00	1.27	
5455		50		36.45	36.45	2942.	1259.	0.00	0.93		35.81	35.81	15891.	996.	0.00	1.22	
5457		50		36.45	36.45	880.	1392.	0.00	0.94		35.81	35.81	18914.	1248.	0.00	1.51	
5458		50		36.45	36.45	589.	1365.	0.00	0.91		35.81	35.81	17427.	1201.	0.00	1.42	
5459		50		36.45	36.45	219.	1359.	0.00	0.90		35.81	35.81	17959.	1126.	0.00	1.39	
6395		50		36.45	36.45	0.	1363.	0.00	0.89		35.81	35.81	9255.	1496.	0.00	1.33	
6397		50		36.45	36.45	0.	1402.	0.00	0.92		35.81	35.81	5002.	1546.	0.00	1.21	
6398		50		36.45	36.45	0.	1382.	0.00	0.90		35.81	35.81	8138.	1378.	0.00	1.21	
6399		50		36.45	36.45	0.	1647.	0.00	1.08		35.81	35.81	9073.	1666.	0.00	1.44	
6400		50		36.45	36.45	619.	1698.	0.00	1.13		35.81	35.81	7976.	1751.	0.00	1.46	
6401		50		36.45	36.45	252.	1857.	0.00	1.22		35.81	35.81	5104.	1726.	0.00	1.34	
6563		50		36.45	36.45	1659.	2733.	0.00	1.84		35.81	35.81	0.	1348.	0.00	0.90	
6564		50		36.45	36.45	2551.	2728.	0.00	1.98		35.81	35.81	0.	989.	0.00	0.66	
6565		50		36.45	36.45	2338.	2634.	0.00	1.80		35.81	35.81	0.	1443.	0.00	0.96	
6567		50		36.45	36.45	2968.	2439.	0.00	1.70		35.81	35.81	0.	1071.	0.00	0.71	
6568		50		36.45	36.45	3485.	2359.	0.00	1.67		15.92	15.92	3016.	-272.	0.11	0.16	
6569		50		36.45	36.45	3797.	2171.	0.00	1.56		15.92	15.92	0.	662.	0.00	0.99	
6571		50		52.70	52.70	145.	333.	0.00	0.15		15.92	15.92	0.	131.	0.00	0.20	
6572		50		16.25	16.25	166.	509.	0.00	0.76		15.92	15.92	135.	-170.	0.02	-0.01	
6573		50		16.25	16.25	28.	616.	0.00	0.91		15.92	15.92	19.	43.	0.00	0.07	
6575		50		36.45	36.45	355.	468.	0.00	0.33		35.81	35.81	0.	535.	0.00	0.36	
6576		50		36.45	36.45	1046.	1096.	0.00	0.75		35.81	35.81	0.	509.	0.00	0.34	
6577		50		36.45	36.45	1321.	1202.	0.00	0.83		35.81	35.81	0.	425.	0.00	0.28	
6581		50		36.45	36.45	1342.	1193.	0.00	0.83		35.81	35.81	0.	177.	0.00	0.12	
6582		50		36.45	36.45	1201.	1091.	0.00	0.75		35.81	35.81	0.	238.	0.00	0.16	
6584		50		36.45	36.45	1080.	1095.	0.00	0.75		35.81	35.81	0.	109.	0.00	0.07	
6590		50		36.45	36.45	1410.	2095.	0.00	1.42		35.81	35.81	0.	1063.	0.00	0.71	
6591		50		36.45	36.45	1408.	2048.	0.00	1.39		35.81	35.81	4497.	2117.	0.00	1.57	
6599		50		36.45	36.45	1112.	1446.	0.00	0.98		35.81	35.81	10471.	1750.	0.00	1.55	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6600		50		36.45	36.45	646.	1327.	0.00	0.89		35.81	35.81	9978.	1522.	0.00	1.38	
6601		50		36.45	36.45	0.	743.	0.00	0.49		35.81	35.81	10033.	1373.	0.00	1.27	
6604		50		36.45	36.45	1219.	1436.	0.00	0.98		35.81	35.81	9549.	1851.	0.00	1.58	
6605		50		36.45	36.45	1401.	1366.	0.00	0.94		35.81	35.81	9693.	1899.	0.00	1.62	
6606		50		36.45	36.45	1347.	1451.	0.00	1.00		35.81	35.81	9702.	1933.	0.00	1.64	
6607		50		36.45	36.45	1188.	2201.	0.00	1.48		35.81	35.81	1444.	1985.	0.00	1.37	
6608		50		36.45	36.45	1623.	2689.	0.00	1.81		35.81	35.81	0.	1327.	0.00	0.88	
6731		50		36.45	36.45	1313.	1752.	0.00	1.19		35.81	35.81	6940.	2114.	0.00	1.66	
6732		50		36.45	36.45	1110.	1647.	0.00	1.12		35.81	35.81	7297.	2096.	0.00	1.66	
6734		50		36.45	36.45	1194.	1725.	0.00	1.17		35.81	35.81	5713.	2124.	0.00	1.62	
6736		50		36.45	36.45	946.	1557.	0.00	1.05		35.81	35.81	0.	113.	0.00	0.08	
6737		50		36.45	36.45	855.	1579.	0.00	1.06		35.81	35.81	0.	181.	0.00	0.12	
6738		50		36.45	36.45	1042.	1635.	0.00	1.11		35.81	35.81	0.	467.	0.00	0.31	
6740		50		36.45	36.45	713.	1292.	0.00	0.87		35.81	35.81	0.	-272.	0.03	-0.03	
6741		50		36.45	36.45	570.	1262.	0.00	0.84		35.81	35.81	0.	-253.	0.03	-0.03	
6742		50		36.45	36.45	776.	1345.	0.00	0.91		35.81	35.81	0.	-38.	0.00	0.00	
6743		50		36.45	36.45	1195.	1557.	0.00	1.06		35.81	35.81	8463.	2044.	0.00	1.67	
6744		50		36.45	36.45	942.	1442.	0.00	0.97		35.81	35.81	8630.	2038.	0.00	1.67	
6746		50		36.45	36.45	995.	1493.	0.00	1.01		35.81	35.81	7889.	2067.	0.00	1.66	
6747		50		36.45	36.45	1058.	1408.	0.00	0.96		35.81	35.81	9018.	2008.	0.00	1.67	
6748		50		36.45	36.45	574.	1282.	0.00	0.86		35.81	35.81	9048.	1998.	0.00	1.66	
6750		50		36.45	36.45	770.	1296.	0.00	0.87		35.81	35.81	8817.	2019.	0.00	1.67	
6752		50		36.45	36.45	280.	1096.	0.00	0.73		35.81	35.81	0.	-456.	0.05	-0.05	
6753		50		36.45	36.45	295.	1038.	0.00	0.69		35.81	35.81	0.	-481.	0.05	-0.05	
6754		50		36.45	36.45	504.	1112.	0.00	0.74		35.81	35.81	0.	-365.	0.04	-0.04	
6756		50		36.45	36.45	214.	995.	0.00	0.66		35.81	35.81	0.	-359.	0.04	-0.04	
6757		50		36.45	36.45	0.	871.	0.00	0.57		35.81	35.81	0.	-428.	0.04	-0.04	
6758		50		36.45	36.45	47.	993.	0.00	0.65		35.81	35.81	0.	-460.	0.05	-0.05	
6759		50		36.45	36.45	636.	1291.	0.00	0.87		35.81	35.81	9142.	1989.	0.00	1.66	
6760		50		36.45	36.45	504.	1206.	0.00	0.81		35.81	35.81	9290.	1984.	0.00	1.66	
6762		50		36.45	36.45	370.	1200.	0.00	0.80		35.81	35.81	9002.	1991.	0.00	1.66	
6763		50		36.45	36.45	978.	1293.	0.00	0.88		35.81	35.81	9556.	1985.	0.00	1.67	
6764		50		36.45	36.45	734.	1189.	0.00	0.80		35.81	35.81	9599.	1983.	0.00	1.67	
6766		50		36.45	36.45	593.	1187.	0.00	0.80		35.81	35.81	9423.	1983.	0.00	1.67	
6768		50		36.45	36.45	503.	963.	0.00	0.65		35.81	35.81	0.	-222.	0.02	-0.02	
6769		50		36.45	36.45	152.	840.	0.00	0.55		35.81	35.81	0.	-274.	0.03	-0.03	
6770		50		36.45	36.45	310.	961.	0.00	0.64		35.81	35.81	0.	-301.	0.03	-0.03	
6771		50		36.45	36.45	1181.	1353.	0.00	0.93		35.81	35.81	9805.	1986.	0.00	1.68	
6772		50		36.45	36.45	1001.	1291.	0.00	0.88		35.81	35.81	9796.	1983.	0.00	1.68	
6774		50		36.45	36.45	950.	1276.	0.00	0.87		35.81	35.81	9709.	1985.	0.00	1.68	
6776		50		36.45	36.45	860.	1058.	0.00	0.72		35.81	35.81	0.	-74.	0.01	-0.01	
6777		50		36.45	36.45	553.	886.	0.00	0.60		35.81	35.81	0.	-138.	0.01	-0.01	
6778		50		36.45	36.45	693.	1044.	0.00	0.71		35.81	35.81	0.	-172.	0.02	-0.02	
6779		50		36.45	36.45	1260.	1436.	0.00	0.98		35.81	35.81	9776.	1964.	0.00	1.67	
6780		50		36.45	36.45	1100.	1356.	0.00	0.92		35.81	35.81	9767.	1946.	0.00	1.65	
6782		50		36.45	36.45	1121.	1355.	0.00	0.92		35.81	35.81	9853.	1976.	0.00	1.68	
6784		50		36.45	36.45	1107.	1174.	0.00	0.81		35.81	35.81	0.	81.	0.00	0.05	
6785		50		36.45	36.45	967.	1073.	0.00	0.73		35.81	35.81	0.	16.	0.00	0.01	
6786		50		36.45	36.45	995.	1173.	0.00	0.80		35.81	35.81	0.	-24.	0.00	0.00	
8094		50		36.45	36.45	0.	322.	0.00	0.21		35.81	35.81	6111.	1348.	0.00	1.12	
8095		50		36.45	36.45	0.	791.	0.00	0.52		35.81	35.81	4073.	1086.	0.00	0.87	
8096		50		36.45	36.45	0.	515.	0.00	0.34		35.81	35.81	3305.	1212.	0.00	0.92	
8709		50		36.45	36.45	2269.	84.	0.00	0.13		15.92	15.92	722.	56.	0.00	0.14	
8711		50		36.45	36.45	4360.	-19.	0.08	0.15		15.92	15.92	920.	-7.	0.02	0.07	
8712		50		36.45	36.45	2276.	15.	0.03	0.09		15.92	15.92	835.	34.	0.00	0.12	
8713		50		36.45	36.45	7504.	-130.	0.14	0.24		15.92	15.92	768.	-76.	0.03	0.05	
8714		50		36.45	36.45	11692.	-16.	0.20	0.40		15.92	15.92	1397.	-100.	0.05	0.09	
8715		50		36.45	36.45	941.	393.	0.00	0.29		35.81	35.81	0.	357.	0.00	0.24	
8716		50		16.25	16.25	0.	1159.	0.00	1.70		15.92	15.92	0.	227.	0.00	0.34	
8718		50		16.25	16.25	0.	1127.	0.00	1.65		15.92	15.92	0.	217.	0.00	0.32	
8774		50		36.45	36.45	0.	1168.	0.00	0.76		35.81	35.81	2230.	1260.	0.00	0.92	
8775		50		36.45	36.45	267.	1290.	0.00	0.85		35.81	35.81	12016.	1005.	0.00	1.18	
8776		50		36.45	36.45	2153.	1103.	0.00	0.80		35.81	35.81	3089.	656.	0.00	0.54	
8777		50		36.45	36.45	2376.	1187.	0.00	0.86		35.81	35.81	3240.	486.	0.02	0.44	
8778		50		36.45	36.45	2326.	1065.	0.00	0.78		35.81	35.81	8691.	1202.	0.00	1.11	
8779		50		36.45	36.45	2320.	1178.	0.00	0.85		35.81	35.81	6165.	583.	0.00	0.60	
8780		50		36.45	36.45	2274.	1214.	0.00	0.87		35.81	35.81	1377.	700.	0.00	0.51	
8781		50		36.45	36.45	2284.	1207.	0.00	0.87		35.81	35.81	3289.	832.	0.00	0.67	
8782		50		36.45	36.45	2244.	1271.	0.00	0.91		35.81	35.81	859.	1216.	0.00	0.86	
8784		50		36.45	36.45	2732.	1261.	0.00	0.92		35.81	35.81	1256.	1595.	0.00	1.11	
8786		50		36.45	36.45	0.	1419.	0.00	0.93		35.81	35.81	0.	1494.	0.00	0.99	
8788		50		36.45	36.45	0.	1443.	0.00	0.94		35.81	35.81	2397.	1079.	0.00	0.80	
8789		50		36.45	36.45	0.	1418.	0.00	0.93		35.81	35.81	529.	1755.	0.00	1.19	
9497		50		36.45	36.45	850.	67.	0.00	0.07		15.92	15.92	152.	-139.	0.02	-0.01	
9499		50		36.45	36.45	1204.	92.	0.00	0.10		15.92	15.92	460.	-131.	0.03	0.02	
9500		50		36.45	36.45	663.	94.	0.00	0.08		15.92	15.92	0.	-204.	0.02	-0.02	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9501		50		36.45	36.45	10302.	23.	0.16	0.37		15.92	15.92	54.	-77.	0.01	0.00	
9502		50		36.45	36.45	10752.	19.	0.17	0.38		15.92	15.92	703.	-112.	0.03	0.04	
9503		50		36.45	36.45	12841.	-2.	0.22	0.44		15.92	15.92	800.	-98.	0.03	0.05	
9505		50		36.45	36.45	1390.	-13.	0.02	0.05		15.92	15.92	43.	24.	0.00	0.04	
9507		50		36.45	36.45	957.	40.	0.00	0.06		15.92	15.92	152.	-3.	0.00	0.01	
9508		50		36.45	36.45	959.	35.	0.00	0.06		15.92	15.92	19.	33.	0.00	0.05	
9509		50		36.45	36.45	7209.	79.	0.08	0.30		15.92	15.92	249.	15.	0.00	0.04	
9510		50		36.45	36.45	8118.	75.	0.10	0.33		15.92	15.92	406.	0.	0.01	0.03	
9511		50		36.45	36.45	9229.	38.	0.14	0.34		15.92	15.92	394.	-21.	0.01	0.03	
9513		50		36.45	36.45	4715.	175.	0.00	0.28		15.92	15.92	143.	138.	0.00	0.22	
9514		50		36.45	36.45	5676.	160.	0.00	0.30		15.92	15.92	453.	110.	0.00	0.20	
9515		50		36.45	36.45	6389.	106.	0.05	0.29		15.92	15.92	230.	64.	0.00	0.11	
9517		50		36.45	36.45	1725.	32.	0.01	0.08		15.92	15.92	0.	157.	0.00	0.23	
9519		50		36.45	36.45	1525.	-22.	0.03	0.05		15.92	15.92	0.	88.	0.00	0.13	
9520		50		36.45	36.45	1392.	-22.	0.03	0.05		15.92	15.92	0.	160.	0.00	0.24	
9521		50		36.45	36.45	0.	1411.	0.00	0.92		35.81	35.81	0.	1393.	0.00	0.93	
9523		50		36.45	36.45	0.	1414.	0.00	0.92		35.81	35.81	0.	1371.	0.00	0.91	
9524		50		36.45	36.45	0.	1406.	0.00	0.92		35.81	35.81	0.	1317.	0.00	0.87	

GUSCI		spess		SUPERIORE ORIZZONTALE						SUPERIORE VERTICALE							
				Af	Afc	Mom	Nor	epsC		epsF	Af	Afc	Mom	Nor		epsC	epsF
1815		50		16.25	16.25	243.	639.	0.00	0.96		15.92	15.92	873.	-191.	0.04	0.22	
1816		50		16.25	16.25	315.	581.	0.00	0.88		15.92	15.92	1204.	-232.	0.06	0.18	
1817		50		16.25	16.25	224.	550.	0.00	0.82		15.92	15.92	1612.	92.	0.05	0.26	
1818		50		16.25	16.25	190.	395.	0.00	0.59		15.92	15.92	1888.	340.	0.00	0.65	
1820		50		16.25	16.25	270.	587.	0.00	0.88		15.92	15.92	220.	156.	0.00	0.25	
1821		50		16.25	16.25	175.	552.	0.00	0.82		15.92	15.92	667.	91.	0.00	0.19	
1822		50		16.25	16.25	108.	518.	0.00	0.77		15.92	15.92	962.	110.	0.00	0.24	
1823		50		16.25	16.25	155.	468.	0.00	0.70		15.92	15.92	1109.	141.	0.00	0.30	
1824		50		16.25	16.25	490.	479.	0.00	0.74		15.92	15.92	50.	236.	0.00	0.36	
1825		50		16.25	16.25	305.	460.	0.00	0.70		15.92	15.92	60.	116.	0.00	0.18	
1826		50		16.25	16.25	125.	434.	0.00	0.65		15.92	15.92	115.	64.	0.00	0.11	
1827		50		16.25	16.25	0.	403.	0.00	0.59		15.92	15.92	224.	37.	0.00	0.08	
1828		50		16.25	16.25	55.	346.	0.00	0.51		15.92	15.92	138.	-5.	0.00	0.02	
1829		50		16.25	16.25	843.	216.	0.00	0.38		15.92	15.92	104.	207.	0.00	0.32	
1830		50		16.25	16.25	274.	287.	0.00	0.44		15.92	15.92	0.	103.	0.00	0.15	
1831		50		16.25	16.25	3.	275.	0.00	0.40		15.92	15.92	0.	-96.	0.01	-0.01	
1832		50		16.25	16.25	0.	252.	0.00	0.37		15.92	15.92	0.	-154.	0.02	-0.02	
1833		50		16.25	16.25	0.	145.	0.00	0.21		15.92	15.92	0.	-255.	0.03	-0.03	
1834		50		16.25	16.25	913.	162.	0.00	0.31		15.92	15.92	0.	-86.	0.01	0.11	
1835		50		16.25	16.25	199.	91.	0.00	0.15		15.92	15.92	0.	-124.	0.01	-0.01	
1836		50		16.25	16.25	0.	88.	0.00	0.13		15.92	15.92	0.	-162.	0.02	-0.02	
1837		50		16.25	16.25	0.	86.	0.00	0.13		15.92	15.92	0.	-204.	0.02	-0.02	
1838		50		16.25	16.25	0.	67.	0.00	0.10		15.92	15.92	0.	-364.	0.04	-0.04	
1839		50		16.25	16.25	812.	279.	0.00	0.47		15.92	15.92	0.	154.	0.00	0.23	
1840		50		16.25	16.25	176.	187.	0.00	0.29		15.92	15.92	0.	-67.	0.01	0.02	
1841		50		16.25	16.25	0.	129.	0.00	0.19		15.92	15.92	0.	-126.	0.01	-0.01	
1842		50		16.25	16.25	0.	99.	0.00	0.15		15.92	15.92	0.	-165.	0.02	-0.02	
1843		50		16.25	16.25	0.	139.	0.00	0.20		15.92	15.92	0.	-141.	0.02	-0.02	
1844		50		16.25	16.25	157.	333.	0.00	0.50		15.92	15.92	2044.	455.	0.00	0.84	
1845		50		16.25	16.25	216.	347.	0.00	0.52		15.92	15.92	1152.	164.	0.00	0.33	
1846		50		16.25	16.25	198.	163.	0.00	0.25		15.92	15.92	0.	-45.	0.01	-0.01	
1847		50		16.25	16.25	0.	45.	0.00	0.07		15.92	15.92	0.	-317.	0.04	-0.04	
1848		50		16.25	16.25	0.	115.	0.00	0.17		15.92	15.92	0.	-382.	0.04	-0.04	
1856		50		16.25	16.25	301.	253.	0.00	0.39		15.92	15.92	332.	271.	0.00	0.43	
1857		50		16.25	16.25	249.	185.	0.00	0.29		15.92	15.92	502.	89.	0.00	0.17	
1858		50		16.25	16.25	226.	13.	0.00	0.04		15.92	15.92	259.	-319.	0.04	-0.04	
1859		50		16.25	16.25	0.	54.	0.00	0.08		15.92	15.92	0.	-216.	0.02	-0.02	
1860		50		16.25	16.25	65.	162.	0.00	0.24		15.92	15.92	0.	-228.	0.03	-0.03	
1862		50		16.25	16.25	17421.	-9.	0.44	1.30		15.92	15.92	690.	18.	0.01	0.08	
1863		50		16.25	16.25	5744.	27.	0.11	0.47		15.92	15.92	839.	96.	0.00	0.21	
1864		50		16.25	16.25	13973.	95.	0.30	1.19		15.92	15.92	590.	125.	0.00	0.23	
1865		50		16.25	16.25	17521.	6.	0.44	1.32		15.92	15.92	0.	-120.	0.01	0.03	
1866		50		16.25	16.25	5598.	60.	0.07	0.51		15.92	15.92	231.	79.	0.00	0.16	
1867		50		16.25	16.25	13912.	122.	0.28	1.23		15.92	15.92	1515.	44.	0.00	0.21	
1868		50		16.25	16.25	16110.	26.	0.39	1.25		15.92	15.92	4231.	44.	0.09	0.39	
1869		50		16.25	16.25	6816.	84.	0.08	0.63		15.92	15.92	5439.	149.	0.15	0.64	
1871		50		16.25	16.25	14332.	31.	0.34	1.12		15.92	15.92	6532.	-2.	0.17	0.50	
1872		50		16.25	16.25	9599.	97.	0.16	0.86		15.92	15.92	9251.	-8.	0.24	0.77	
1873		50		16.25	16.25	9512.	23.	0.22	0.75		15.92	15.92	12277.	114.	0.32	1.11	
1874		50		16.25	16.25	9981.	60.	0.20	0.87		15.92	15.92	2864.	-2.	0.07	0.22	
1875		50		16.25	16.25	8614.	127.	0.12	0.83		15.92	15.92	4281.	67.	0.06	0.43	
1876		50		16.25	16.25	7925.	75.	0.13	0.71		15.92	15.92	5889.	83.	0.06	0.58	
1877		50		16.25	16.25	6022.	113.	0.06	0.62		15.92	15.92	8512.	38.	0.18	0.71	
1878		50		16.25	16.25	10034.	77.	0.19	0.87		15.92	15.92	11011.	47.	0.24	0.92	
1879		50		16.25	16.25	7542.	49.	0.14	0.64		15.92	15.92	14897.	2.	0.38	1.14	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1880		50		16.25	16.25	568.	311.	0.00	0.50		15.92	15.92	308.	129.	0.00	0.22	
1881		50		16.25	16.25	1132.	253.	0.00	0.46		15.92	15.92	599.	-83.	0.02	0.10	
1882		50		16.25	16.25	1737.	122.	0.00	0.32		15.92	15.92	888.	-110.	0.03	0.05	
1883		50		16.25	16.25	428.	252.	0.00	0.40		15.92	15.92	342.	44.	0.01	0.09	
1884		50		16.25	16.25	965.	172.	0.00	0.32		15.92	15.92	184.	-87.	0.01	0.01	
1885		50		16.25	16.25	2094.	42.	0.05	0.22		15.92	15.92	0.	-157.	0.02	-0.02	
1886		50		16.25	16.25	572.	81.	0.00	0.16		15.92	15.92	223.	-290.	0.04	-0.03	
1887		50		16.25	16.25	1292.	34.	0.00	0.15		15.92	15.92	0.	-249.	0.03	-0.03	
1888		50		16.25	16.25	1633.	90.	0.01	0.25		15.92	15.92	0.	-177.	0.03	0.03	
1889		50		16.25	16.25	170.	88.	0.00	0.14		15.92	15.92	0.	-191.	0.02	-0.02	
1890		50		16.25	16.25	774.	162.	0.00	0.30		15.92	15.92	0.	-159.	0.02	-0.02	
1891		50		16.25	16.25	1724.	186.	0.00	0.40		15.92	15.92	1382.	-87.	0.04	0.09	
1892		50		16.25	16.25	243.	128.	0.00	0.21		15.92	15.92	0.	-195.	0.02	-0.02	
1893		50		16.25	16.25	623.	146.	0.00	0.26		15.92	15.92	0.	-202.	0.03	-0.02	
1894		50		16.25	16.25	1118.	198.	0.00	0.37		15.92	15.92	1224.	-77.	0.04	0.08	
1895		50		16.25	16.25	159.	156.	0.00	0.24		15.92	15.92	0.	-87.	0.01	-0.01	
1896		50		16.25	16.25	541.	127.	0.00	0.23		15.92	15.92	0.	-100.	0.01	-0.01	
1897		50		16.25	16.25	1259.	174.	0.00	0.35		15.92	15.92	3817.	-1.	0.10	0.29	
1898		50		16.25	16.25	0.	560.	0.00	0.82		15.92	15.92	0.	-45.	0.01	0.04	
1899		50		16.25	16.25	428.	374.	0.00	0.61		15.92	15.92	0.	123.	0.01	0.18	
1900		50		16.25	16.25	584.	541.	0.00	0.84		15.92	15.92	0.	-108.	0.01	0.14	
1901		50		16.25	16.25	0.	98.	0.00	0.14		15.92	15.92	0.	-72.	0.01	-0.01	
1903		50		16.25	16.25	0.	165.	0.00	0.24		15.92	15.92	0.	-37.	0.00	0.00	
1904		50		16.25	16.25	0.	156.	0.00	0.23		15.92	15.92	0.	-59.	0.01	-0.01	
1905		50		16.25	16.25	0.	130.	0.00	0.19		15.92	15.92	0.	-19.	0.00	0.00	
1906		50		16.25	16.25	75.	254.	0.00	0.38		15.92	15.92	0.	-75.	0.01	-0.01	
1907		50		16.25	16.25	0.	192.	0.00	0.28		15.92	15.92	0.	1.	0.00	0.00	
2499		50		16.25	16.25	0.	420.	0.00	0.61		15.92	15.92	248.	244.	0.00	0.38	
2500		50		16.25	16.25	0.	110.	0.00	0.16		15.92	15.92	147.	-27.	0.01	0.06	
2501		50		16.25	16.25	0.	468.	0.00	0.69		15.92	15.92	0.	136.	0.00	0.20	
2502		50		16.25	16.25	125.	560.	0.00	0.83		15.92	15.92	0.	348.	0.00	0.52	
2503		50		16.25	16.25	281.	557.	0.00	0.84		15.92	15.92	0.	342.	0.00	0.51	
2504		50		16.25	16.25	278.	482.	0.00	0.73		15.92	15.92	0.	281.	0.00	0.42	
2505		50		16.25	16.25	0.	422.	0.00	0.62		15.92	15.92	15.	486.	0.00	0.73	
2506		50		16.25	16.25	0.	326.	0.00	0.48		15.92	15.92	42.	428.	0.00	0.64	
2507		50		16.25	16.25	0.	147.	0.00	0.22		15.92	15.92	135.	326.	0.00	0.50	
2508		50		16.25	16.25	58.	526.	0.00	0.77		15.92	15.92	115.	208.	0.01	0.32	
2509		50		16.25	16.25	322.	500.	0.00	0.76		15.92	15.92	102.	252.	0.00	0.38	
2510		50		16.25	16.25	495.	402.	0.00	0.63		15.92	15.92	125.	184.	0.01	0.28	
2511		50		16.25	16.25	0.	430.	0.00	0.63		15.92	15.92	0.	612.	0.00	0.91	
2512		50		16.25	16.25	0.	551.	0.00	0.81		15.92	15.92	0.	510.	0.00	0.76	
2513		50		16.25	16.25	23.	605.	0.00	0.89		15.92	15.92	152.	216.	0.00	0.34	
2514		50		16.25	16.25	305.	188.	0.00	0.30		15.92	15.92	161.	369.	0.00	0.56	
2515		50		16.25	16.25	414.	211.	0.00	0.34		15.92	15.92	144.	452.	0.00	0.69	
2516		50		16.25	16.25	696.	210.	0.00	0.36		15.92	15.92	89.	334.	0.00	0.51	
2518		50		16.25	16.25	0.	564.	0.00	0.83		15.92	15.92	0.	586.	0.00	0.88	
2519		50		16.25	16.25	0.	701.	0.00	1.03		15.92	15.92	64.	311.	0.00	0.47	
2520		50		16.25	16.25	560.	921.	0.00	1.39		15.92	15.92	217.	443.	0.00	0.68	
2521		50		16.25	16.25	616.	858.	0.00	1.31		15.92	15.92	224.	526.	0.00	0.80	
2525		50		16.25	16.25	0.	502.	0.00	0.74		15.92	15.92	0.	643.	0.00	0.96	
2526		50		16.25	16.25	0.	762.	0.00	1.12		15.92	15.92	0.	348.	0.00	0.52	
2527		50		16.25	16.25	799.	1195.	0.00	1.82		15.92	15.92	178.	586.	0.00	0.89	
2528		50		16.25	16.25	703.	1210.	0.00	1.83		15.92	15.92	244.	522.	0.00	0.80	
2530		50		16.25	16.25	0.	107.	0.00	0.16		15.92	15.92	0.	1321.	0.00	1.98	
2531		50		16.25	16.25	0.	203.	0.00	0.30		15.92	15.92	0.	1339.	0.00	2.00	
2534		50		16.25	16.25	980.	1392.	0.00	2.04		15.92	15.92	1222.	667.	0.00	1.10	
2536		50		16.25	16.25	1200.	1199.	0.00	0.57		15.92	15.92	1342.	280.	0.00	0.52	
2653		50		16.25	16.25	0.	200.	0.00	0.29		15.92	15.92	0.	707.	0.00	1.06	
2654		50		16.25	16.25	0.	284.	0.00	0.42		15.92	15.92	0.	684.	0.00	1.02	
2655		50		16.25	16.25	0.	334.	0.00	0.49		15.92	15.92	0.	672.	0.00	1.00	
2657		50		16.25	16.25	0.	361.	0.00	0.53		15.92	15.92	0.	677.	0.00	1.01	
2658		50		16.25	16.25	0.	86.	0.00	0.13		15.92	15.92	0.	652.	0.00	0.97	
2659		50		16.25	16.25	0.	124.	0.00	0.18		15.92	15.92	0.	688.	0.00	1.03	
2669		50		16.25	16.25	303.	487.	0.00	0.74		15.92	15.92	0.	1234.	0.00	1.84	
2676		50		16.25	16.25	755.	417.	0.00	0.67		15.92	15.92	47.	316.	0.00	0.48	
2677		50		16.25	16.25	781.	602.	0.00	0.94		15.92	15.92	72.	365.	0.00	0.55	
2681		50		16.25	16.25	965.	988.	0.00	1.53		15.92	15.92	181.	511.	0.00	0.78	
2685		50		16.25	16.25	0.	635.	0.00	0.93		15.92	15.92	0.	1324.	0.00	1.98	
3885		50		16.25	16.25	10841.	76.	0.21	0.93		15.92	15.92	54.	227.	0.00	0.34	
3887		50		16.25	16.25	6830.	40.	0.13	0.57		15.92	15.92	8513.	11.	0.21	0.67	
3888		50		16.25	16.25	8371.	61.	0.15	0.72		15.92	15.92	6129.	174.	0.00	0.73	
3889		50		16.25	16.25	1153.	1228.	0.00	2.49		15.92	15.92	864.	508.	0.00	0.83	
3890		50		16.25	16.25	1053.	1068.	0.00	1.65		15.92	15.92	785.	398.	0.00	0.66	
3891		50		16.25	16.25	903.	889.	0.00	1.38		15.92	15.92	91.	255.	0.00	0.39	
3892		50		16.25	16.25	53.	645.	0.00	0.95		15.92	15.92	932.	306.	0.00	0.53	
3893		50		16.25	16.25	168.	588.	0.00	0.87		15.92	15.92	128.	243.	0.00	0.37	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4218		50		52.70	16.25	379.	454.	0.00	0.69		15.92	15.92	249.	-215.	0.03	-0.02	
4219		50		52.70	16.25	337.	395.	0.00	0.60		15.92	15.92	0.	-159.	0.02	-0.02	
4220		50		52.70	16.25	311.	391.	0.00	0.60		15.92	15.92	0.	-272.	0.03	-0.03	
4221		50		52.70	16.25	91.	246.	0.00	0.21		15.92	15.92	0.	-163.	0.02	0.23	
4222		50		52.70	16.25	206.	298.	0.00	0.25		15.92	15.92	5.	382.	0.00	0.57	
4223		50		52.70	16.25	625.	312.	0.00	0.50		15.92	15.92	0.	-56.	0.01	0.07	
4224		50		52.70	16.25	641.	325.	0.00	0.53		15.92	15.92	0.	-93.	0.01	-0.01	
4225		50		52.70	16.25	1154.	240.	0.00	0.44		15.92	15.92	232.	-214.	0.03	-0.02	
4226		50		16.25	16.25	1673.	119.	0.00	0.30		15.92	15.92	1293.	-219.	0.06	0.06	
4227		50		36.45	36.45	0.	231.	0.00	0.15		15.92	15.92	0.	119.	0.02	0.18	
4228		50		36.45	36.45	0.	870.	0.00	0.57		15.92	15.92	3.	301.	0.00	0.45	
4229		50		36.45	36.45	0.	2193.	0.00	1.43		15.92	15.92	935.	663.	0.00	1.08	
4230		50		36.45	36.45	0.	2531.	0.00	1.65		15.92	15.92	2043.	950.	0.00	1.59	
4235		50		36.45	36.45	598.	1654.	0.00	1.10		35.81	35.81	0.	1455.	0.00	0.97	
4237		50		36.45	36.45	269.	438.	0.00	0.29		15.92	15.92	0.	168.	0.00	0.25	
4238		50		36.45	36.45	37.	1121.	0.00	0.73		15.92	15.92	210.	325.	0.00	0.50	
4239		50		36.45	36.45	0.	1804.	0.00	1.18		15.92	15.92	939.	425.	0.00	0.73	
4240		50		36.45	36.45	0.	1974.	0.00	1.29		15.92	15.92	2563.	429.	0.00	0.84	
4241		50		36.45	36.45	1285.	1611.	0.00	1.10		35.81	15.92	7744.	384.	0.25	1.04	
4242		50		36.45	36.45	1340.	2073.	0.00	1.40		35.81	35.81	3971.	661.	0.00	0.58	
4244		50		36.45	36.45	0.	1867.	0.00	1.22		35.81	35.81	0.	1972.	0.00	1.31	
4245		50		36.45	36.45	0.	1950.	0.00	1.27		35.81	35.81	0.	1671.	0.00	1.11	
4247		50		36.45	36.45	499.	418.	0.00	0.29		15.92	15.92	0.	158.	0.00	0.24	
4248		50		36.45	36.45	540.	1083.	0.00	0.73		15.92	15.92	401.	260.	0.00	0.42	
4249		50		36.45	36.45	565.	1499.	0.00	1.00		15.92	15.92	1460.	-197.	0.06	0.18	
4250		50		36.45	36.45	620.	1511.	0.00	1.01		15.92	15.92	2223.	-258.	0.08	0.17	
4251		50		36.45	36.45	1475.	1169.	0.00	0.81		35.81	15.92	7058.	-249.	0.20	0.43	
4252		50		36.45	36.45	1630.	1494.	0.00	1.03		35.81	35.81	6115.	-302.	0.14	0.22	
4254		50		36.45	36.45	0.	1925.	0.00	1.26		35.81	35.81	0.	2019.	0.00	1.34	
4255		50		36.45	36.45	0.	2130.	0.00	1.39		35.81	35.81	0.	1810.	0.00	1.20	
4257		50		36.45	36.45	600.	341.	0.00	0.24		15.92	15.92	120.	-278.	0.03	-0.02	
4258		50		36.45	36.45	776.	889.	0.00	0.61		15.92	15.92	1243.	-267.	0.06	0.07	
4259		50		36.45	36.45	741.	1190.	0.00	0.80		15.92	15.92	1580.	-244.	0.07	0.28	
4260		50		36.45	36.45	1064.	1068.	0.00	0.73		15.92	15.92	2190.	-94.	0.07	0.22	
4261		50		36.45	36.45	1704.	824.	0.00	0.60		35.81	15.92	5332.	-245.	0.16	0.32	
4262		50		36.45	36.45	1247.	1115.	0.00	0.77		35.81	35.81	8634.	-295.	0.18	0.25	
4264		50		36.45	36.45	0.	1901.	0.00	1.24		35.81	35.81	0.	2012.	0.00	1.34	
4265		50		36.45	36.45	0.	2200.	0.00	1.44		35.81	35.81	0.	1873.	0.00	1.24	
4267		50		36.45	36.45	332.	621.	0.00	0.42		15.92	15.92	467.	176.	0.03	0.30	
4268		50		36.45	36.45	728.	876.	0.00	0.60		15.92	15.92	1323.	-175.	0.05	0.35	
4269		50		36.45	36.45	849.	894.	0.00	0.61		15.92	15.92	1539.	324.	0.00	0.60	
4270		50		36.45	36.45	1319.	809.	0.00	0.57		15.92	15.92	1756.	164.	0.00	0.38	
4271		50		36.45	36.45	1731.	607.	0.00	0.46		35.81	15.92	4593.	-116.	0.13	0.35	
4272		50		36.45	36.45	1009.	851.	0.00	0.59		35.81	35.81	9731.	-347.	0.20	0.28	
4274		50		36.45	36.45	0.	1849.	0.00	1.21		35.81	35.81	0.	1990.	0.00	1.32	
4275		50		36.45	36.45	0.	2223.	0.00	1.45		35.81	35.81	0.	1897.	0.00	1.26	
4277		50		36.45	36.45	361.	583.	0.00	0.39		15.92	15.92	582.	410.	0.00	0.66	
4278		50		36.45	36.45	857.	759.	0.00	0.53		15.92	15.92	1048.	397.	0.00	0.67	
4279		50		36.45	36.45	1006.	753.	0.00	0.53		15.92	15.92	1475.	344.	0.00	0.63	
4280		50		36.45	36.45	1391.	647.	0.00	0.47		15.92	15.92	1978.	238.	0.00	0.51	
4281		50		36.45	36.45	1620.	473.	0.00	0.36		35.81	15.92	5478.	-45.	0.13	0.46	
4282		50		36.45	36.45	564.	604.	0.00	0.41		35.81	35.81	9479.	-279.	0.19	0.28	
4284		50		36.45	36.45	0.	1822.	0.00	1.19		35.81	35.81	0.	1977.	0.00	1.31	
4285		50		36.45	36.45	0.	2230.	0.00	1.46		35.81	35.81	0.	1910.	0.00	1.27	
4287		50		36.45	36.45	941.	267.	0.01	0.21		15.92	15.92	362.	-252.	0.04	-0.01	
4288		50		36.45	36.45	1127.	7.	0.02	0.04		15.92	15.92	525.	230.	0.00	0.38	
4289		50		36.45	36.45	960.	123.	0.02	0.11		15.92	15.92	826.	282.	0.00	0.49	
4290		50		36.45	36.45	1055.	255.	0.00	0.20		15.92	15.92	1475.	312.	0.00	0.58	
4291		50		36.45	36.45	1750.	399.	0.00	0.32		35.81	15.92	2509.	314.	0.00	0.65	
4292		50		36.45	36.45	1432.	915.	0.00	0.65		35.81	35.81	5296.	285.	0.00	0.38	
4294		50		36.45	36.45	0.	1867.	0.00	1.22		35.81	35.81	0.	1985.	0.00	1.32	
4295		50		36.45	36.45	0.	2197.	0.00	1.43		35.81	35.81	0.	2009.	0.00	1.33	
4297		50		36.45	36.45	942.	83.	0.01	0.09		15.92	15.92	74.	-248.	0.03	-0.02	
4298		50		36.45	36.45	818.	121.	0.01	0.11		15.92	15.92	467.	188.	0.00	0.32	
4299		50		36.45	36.45	596.	303.	0.00	0.22		15.92	15.92	706.	265.	0.00	0.45	
4300		50		36.45	36.45	571.	331.	0.00	0.24		15.92	15.92	1208.	323.	0.00	0.58	
4301		50		36.45	36.45	1523.	407.	0.00	0.32		35.81	15.92	2054.	366.	0.00	0.70	
4302		50		36.45	36.45	1555.	894.	0.00	0.64		35.81	35.81	4110.	383.	0.00	0.40	
4304		50		36.45	36.45	0.	1811.	0.00	1.18		35.81	35.81	0.	1911.	0.00	1.27	
4305		50		36.45	36.45	0.	2125.	0.00	1.39		35.81	35.81	0.	1936.	0.00	1.29	
4307		50		36.45	36.45	1268.	46.	0.02	0.07		15.92	15.92	51.	-227.	0.03	-0.03	
4308		50		36.45	36.45	597.	79.	0.02	0.07		15.92	15.92	353.	124.	0.00	0.21	
4309		50		36.45	36.45	393.	200.	0.00	0.15		15.92	15.92	491.	231.	0.00	0.38	
4310		50		36.45	36.45	0.	280.	0.00	0.18		15.92	15.92	816.	314.	0.00	0.53	
4311		50		36.45	36.45	836.	382.	0.00	0.28		35.81	15.92	1580.	389.	0.00	0.70	
4312		50		36.45	36.45	1383.	813.	0.00	0.58		35.81	35.81	2735.	492.	0.00	0.42	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4314		50		36.45	36.45	0.	1654.	0.00	1.08		35.81	35.81	0.	1577.	0.00	1.05	
4315		50		36.45	36.45	382.	1921.	0.00	1.27		35.81	35.81	0.	1534.	0.00	1.02	
4320		50		36.45	36.45	0.	171.	0.00	0.11		15.92	15.92	734.	261.	0.00	0.45	
4321		50		36.45	36.45	0.	275.	0.00	0.18		35.81	15.92	994.	370.	0.00	0.63	
4322		50		36.45	36.45	0.	329.	0.00	0.21		35.81	35.81	2144.	457.	0.00	0.38	
4324		50		36.45	36.45	1465.	884.	0.00	0.63		35.81	35.81	0.	1426.	0.00	0.95	
4325		50		36.45	36.45	2109.	1082.	0.00	0.78		35.81	35.81	0.	1396.	0.00	0.93	
4330		50		52.70	16.25	140.	669.	0.00	0.99		15.92	15.92	0.	278.	0.00	0.42	
4333		50		52.70	16.25	494.	603.	0.00	0.92		15.92	15.92	0.	120.	0.00	0.18	
4334		50		52.70	16.25	769.	578.	0.00	0.91		15.92	15.92	0.	-77.	0.01	0.02	
4335		50		52.70	16.25	726.	441.	0.00	0.70		15.92	15.92	184.	39.	0.00	0.07	
4336		50		36.45	36.45	356.	699.	0.00	0.47		15.92	15.92	329.	423.	0.00	0.66	
4337		50		36.45	36.45	1050.	729.	0.00	0.51		15.92	15.92	847.	404.	0.00	0.67	
4338		50		36.45	36.45	1166.	691.	0.00	0.49		15.92	15.92	1373.	347.	0.00	0.62	
4339		50		36.45	36.45	1461.	552.	0.00	0.41		15.92	15.92	2023.	250.	0.00	0.53	
4340		50		36.45	36.45	1507.	324.	0.00	0.26		35.81	15.92	5170.	103.	0.03	0.55	
4341		50		36.45	36.45	835.	613.	0.00	0.43		35.81	35.81	9095.	-134.	0.17	0.29	
4343		50		36.45	36.45	0.	1812.	0.00	1.18		35.81	35.81	0.	1981.	0.00	1.32	
4344		50		36.45	36.45	0.	2243.	0.00	1.46		35.81	35.81	0.	1917.	0.00	1.27	
4346		50		36.45	36.45	710.	639.	0.00	0.44		15.92	15.92	366.	232.	0.00	0.38	
4347		50		36.45	36.45	1184.	681.	0.00	0.49		15.92	15.92	646.	391.	0.00	0.63	
4348		50		36.45	36.45	1282.	630.	0.00	0.46		15.92	15.92	1217.	342.	0.00	0.61	
4349		50		36.45	36.45	1474.	479.	0.00	0.36		15.92	15.92	1956.	267.	0.00	0.55	
4350		50		36.45	36.45	1541.	259.	0.00	0.22		35.81	15.92	4511.	163.	0.00	0.57	
4351		50		36.45	36.45	848.	642.	0.00	0.45		35.81	35.81	8391.	-18.	0.15	0.29	
4353		50		36.45	36.45	0.	1871.	0.00	1.22		35.81	35.81	0.	1994.	0.00	1.32	
4354		50		36.45	36.45	0.	2233.	0.00	1.46		35.81	35.81	0.	1942.	0.00	1.29	
4356		50		36.45	36.45	848.	583.	0.00	0.41		15.92	15.92	355.	-194.	0.03	0.04	
4357		50		36.45	36.45	1277.	551.	0.00	0.41		15.92	15.92	578.	339.	0.00	0.55	
4358		50		36.45	36.45	1358.	517.	0.00	0.38		15.92	15.92	1019.	324.	0.00	0.56	
4359		50		36.45	36.45	1358.	136.	0.02	0.14		15.92	15.92	1793.	288.	0.00	0.57	
4360		50		36.45	36.45	1672.	88.	0.03	0.12		35.81	15.92	3672.	229.	0.00	0.60	
4361		50		36.45	36.45	1113.	882.	0.00	0.61		35.81	35.81	6866.	124.	0.07	0.32	
4363		50		36.45	36.45	0.	1893.	0.00	1.24		35.81	35.81	0.	2000.	0.00	1.33	
4364		50		36.45	36.45	0.	2246.	0.00	1.47		35.81	35.81	0.	1978.	0.00	1.31	
4366		50		36.45	36.45	894.	451.	0.00	0.33		15.92	15.92	348.	-215.	0.03	0.01	
4367		50		36.45	36.45	1141.	294.	0.00	0.23		15.92	15.92	550.	270.	0.00	0.45	
4368		50		36.45	36.45	1186.	69.	0.02	0.09		15.92	15.92	908.	296.	0.00	0.52	
4369		50		36.45	36.45	1066.	114.	0.02	0.11		15.92	15.92	1621.	302.	0.00	0.58	
4370		50		36.45	36.45	1563.	387.	0.00	0.31		35.81	15.92	3015.	276.	0.00	0.61	
4371		50		36.45	36.45	1201.	910.	0.00	0.64		35.81	35.81	6001.	219.	0.00	0.36	
4373		50		36.45	36.45	0.	1895.	0.00	1.24		35.81	35.81	0.	1997.	0.00	1.33	
4374		50		36.45	36.45	0.	2234.	0.00	1.46		35.81	35.81	0.	1999.	0.00	1.33	
4379		50		16.25	16.25	15275.	-14.	0.39	1.13		15.92	15.92	1530.	-129.	0.05	0.09	
4385		50		36.45	36.45	0.	310.	0.00	0.20		15.92	15.92	1148.	221.	0.00	0.42	
4386		50		36.45	36.45	0.	384.	0.00	0.25		35.81	15.92	990.	307.	0.00	0.55	
4387		50		36.45	36.45	608.	369.	0.00	0.28		35.81	35.81	1566.	431.	0.00	0.34	
4389		50		36.45	36.45	1438.	398.	0.00	0.31		35.81	35.81	4286.	487.	0.00	0.47	
4390		50		52.70	16.25	4572.	20.	0.09	0.37		15.92	15.92	2029.	-82.	0.06	0.14	
4391		50		52.70	16.25	11792.	39.	0.27	0.94		15.92	15.92	2438.	-67.	0.07	0.17	
4392		50		36.45	36.45	1978.	-24.	0.04	0.08		15.92	15.92	0.	-118.	0.01	-0.01	
4394		50		36.45	36.45	1902.	29.	0.01	0.11		15.92	15.92	890.	-40.	0.03	0.06	
4396		50		36.45	36.45	1641.	207.	0.00	0.19		15.92	15.92	1318.	94.	0.00	0.24	
4398		50		36.45	36.45	1164.	313.	0.00	0.26		15.92	15.92	1347.	188.	0.00	0.38	
4399		50		36.45	36.45	2070.	229.	0.00	0.23		15.92	15.92	1891.	138.	0.00	0.36	
4400		50		36.45	36.45	111.	460.	0.00	0.30		35.81	15.92	1255.	270.	0.00	0.52	
4401		50		36.45	36.45	1223.	308.	0.00	0.26		35.81	15.92	1281.	265.	0.00	0.49	
4402		50		36.45	36.45	0.	511.	0.00	0.33		35.81	35.81	1259.	437.	0.00	0.33	
4404		50		36.45	36.45	0.	542.	0.00	0.35		35.81	35.81	4170.	378.	0.00	0.40	
4405		50		36.45	36.45	0.	423.	0.00	0.28		35.81	35.81	3650.	265.	0.00	0.30	
5414		50		36.45	36.45	0.	1265.	0.00	0.83		35.81	35.81	0.	1257.	0.00	0.84	
5415		50		36.45	36.45	0.	1269.	0.00	0.83		35.81	35.81	1419.	1392.	0.00	0.98	
5417		50		36.45	36.45	0.	1238.	0.00	0.81		35.81	35.81	0.	1067.	0.00	0.71	
5418		50		36.45	36.45	0.	1232.	0.00	0.80		35.81	35.81	0.	1142.	0.00	0.76	
5420		50		36.45	36.45	0.	1218.	0.00	0.80		35.81	35.81	0.	1012.	0.00	0.67	
5421		50		36.45	36.45	0.	1215.	0.00	0.79		35.81	35.81	0.	969.	0.00	0.64	
5423		50		36.45	36.45	0.	1187.	0.00	0.77		35.81	35.81	0.	1215.	0.00	0.81	
5424		50		36.45	36.45	0.	1194.	0.00	0.78		35.81	35.81	0.	1071.	0.00	0.71	
5427		50		36.45	36.45	2178.	1025.	0.00	0.75		35.81	35.81	0.	1106.	0.00	0.74	
5432		50		36.45	36.45	2131.	1410.	0.00	1.00		35.81	35.81	1956.	1690.	0.00	1.19	
5435		50		36.45	36.45	2232.	1402.	0.00	0.99		35.81	35.81	2274.	1530.	0.00	1.10	
5437		50		36.45	36.45	3127.	396.	0.00	0.37		35.81	35.81	0.	1079.	0.00	0.72	
5438		50		36.45	36.45	3161.	502.	0.00	0.44		35.81	35.81	0.	942.	0.00	0.63	
5439		50		36.45	36.45	2906.	277.	0.00	0.28		35.81	35.81	0.	1181.	0.00	0.78	
5441		50		36.45	36.45	0.	1110.	0.00	0.72		35.81	35.81	0.	924.	0.00	0.61	
5442		50		36.45	36.45	0.	1137.	0.00	0.74		35.81	35.81	0.	903.	0.00	0.60	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5443		50		36.45	36.45	332.	1101.	0.00	0.73		35.81	35.81	0.	1058.	0.00	0.70	
5445		50		36.45	36.45	0.	1178.	0.00	0.77		35.81	35.81	0.	897.	0.00	0.60	
5446		50		36.45	36.45	0.	1214.	0.00	0.79		35.81	35.81	0.	868.	0.00	0.58	
5447		50		36.45	36.45	0.	1185.	0.00	0.77		35.81	35.81	0.	853.	0.00	0.57	
5449		50		36.45	36.45	0.	1209.	0.00	0.79		35.81	35.81	0.	974.	0.00	0.65	
5450		50		36.45	36.45	0.	1237.	0.00	0.81		35.81	35.81	0.	933.	0.00	0.62	
5451		50		36.45	36.45	0.	1216.	0.00	0.79		35.81	35.81	0.	913.	0.00	0.61	
5453		50		36.45	36.45	0.	1261.	0.00	0.82		35.81	35.81	0.	1082.	0.00	0.72	
5454		50		36.45	36.45	0.	1267.	0.00	0.83		35.81	35.81	0.	1029.	0.00	0.68	
5455		50		36.45	36.45	0.	1259.	0.00	0.82		35.81	35.81	0.	996.	0.00	0.66	
5457		50		36.45	36.45	528.	1392.	0.00	0.93		35.81	35.81	0.	1248.	0.00	0.83	
5458		50		36.45	36.45	938.	1365.	0.00	0.92		35.81	35.81	0.	1201.	0.00	0.80	
5459		50		36.45	36.45	1277.	1359.	0.00	0.93		35.81	35.81	0.	1126.	0.00	0.75	
6395		50		36.45	36.45	1385.	1363.	0.00	0.94		35.81	35.81	0.	1496.	0.00	0.99	
6397		50		36.45	36.45	1845.	1402.	0.00	0.98		35.81	35.81	0.	1546.	0.00	1.03	
6398		50		36.45	36.45	1568.	1382.	0.00	0.96		35.81	35.81	0.	1378.	0.00	0.92	
6399		50		36.45	36.45	633.	1647.	0.00	1.10		35.81	35.81	0.	1666.	0.00	1.11	
6400		50		36.45	36.45	66.	1698.	0.00	1.11		35.81	35.81	0.	1751.	0.00	1.16	
6401		50		36.45	36.45	116.	1857.	0.00	1.22		35.81	35.81	0.	1726.	0.00	1.15	
6563		50		36.45	36.45	0.	2733.	0.00	1.78		35.81	35.81	3069.	1348.	0.00	1.01	
6564		50		36.45	36.45	0.	2728.	0.00	1.78		35.81	35.81	2614.	989.	0.00	0.75	
6565		50		36.45	36.45	0.	2634.	0.00	1.72		35.81	35.81	3154.	1443.	0.00	1.07	
6567		50		36.45	36.45	0.	2439.	0.00	1.59		35.81	35.81	7195.	1071.	0.00	0.97	
6568		50		36.45	36.45	0.	2359.	0.00	1.54		15.92	15.92	10174.	-272.	0.28	0.62	
6569		50		36.45	36.45	0.	2171.	0.00	1.42		15.92	15.92	8392.	662.	0.00	1.68	
6571		50		52.70	52.70	27.	333.	0.00	0.15		15.92	15.92	1082.	131.	0.00	0.28	
6572		50		16.25	16.25	91.	509.	0.00	0.75		15.92	15.92	125.	-170.	0.02	-0.01	
6573		50		16.25	16.25	204.	616.	0.00	0.92		15.92	15.92	515.	43.	0.00	0.10	
6575		50		36.45	36.45	1287.	468.	0.00	0.35		35.81	35.81	7755.	511.	0.00	0.61	
6576		50		36.45	36.45	1276.	1096.	0.00	0.76		35.81	35.81	11846.	472.	0.00	0.73	
6577		50		36.45	36.45	1064.	1202.	0.00	0.82		35.81	35.81	14974.	307.	0.11	0.74	
6581		50		36.45	36.45	109.	1193.	0.00	0.78		35.81	35.81	15775.	177.	0.19	0.67	
6582		50		36.45	36.45	1128.	1091.	0.00	0.75		35.81	35.81	13931.	238.	0.12	0.65	
6584		50		36.45	36.45	907.	1095.	0.00	0.75		35.81	35.81	14975.	109.	0.20	0.60	
6590		50		36.45	36.45	1048.	2095.	0.00	1.41		35.81	35.81	10033.	989.	0.00	1.01	
6591		50		36.45	36.45	24.	2048.	0.00	1.34		35.81	35.81	685.	2050.	0.00	1.41	
6599		50		36.45	36.45	877.	1360.	0.00	0.94		35.81	35.81	0.	1750.	0.00	1.16	
6600		50		36.45	36.45	797.	1327.	0.00	0.89		35.81	35.81	0.	1522.	0.00	1.01	
6601		50		36.45	36.45	957.	743.	0.00	0.52		35.81	35.81	0.	1373.	0.00	0.91	
6604		50		36.45	36.45	0.	1436.	0.00	0.94		35.81	35.81	0.	1851.	0.00	1.23	
6605		50		36.45	36.45	0.	1366.	0.00	0.89		35.81	35.81	0.	1899.	0.00	1.26	
6606		50		36.45	36.45	0.	1451.	0.00	0.95		35.81	35.81	0.	1933.	0.00	1.28	
6607		50		36.45	36.45	0.	2244.	0.00	1.47		35.81	35.81	2959.	1877.	0.00	1.38	
6608		50		36.45	36.45	0.	2692.	0.00	1.76		35.81	35.81	7887.	1318.	0.00	1.16	
6731		50		36.45	36.45	0.	1752.	0.00	1.14		35.81	35.81	0.	2114.	0.00	1.40	
6732		50		36.45	36.45	0.	1647.	0.00	1.08		35.81	35.81	0.	2096.	0.00	1.39	
6734		50		36.45	36.45	0.	1725.	0.00	1.13		35.81	35.81	0.	2124.	0.00	1.41	
6736		50		36.45	36.45	258.	1557.	0.00	1.03		35.81	35.81	11285.	113.	0.13	0.47	
6737		50		36.45	36.45	1270.	1579.	0.00	1.08		35.81	35.81	10584.	181.	0.08	0.49	
6738		50		36.45	36.45	730.	1635.	0.00	1.09		35.81	35.81	10645.	467.	0.00	0.68	
6740		50		36.45	36.45	94.	1292.	0.00	0.85		35.81	35.81	12602.	-272.	0.24	0.38	
6741		50		36.45	36.45	698.	1262.	0.00	0.85		35.81	35.81	11827.	-253.	0.23	0.36	
6742		50		36.45	36.45	283.	1345.	0.00	0.89		35.81	35.81	11684.	-38.	0.20	0.40	
6743		50		36.45	36.45	0.	1557.	0.00	1.02		35.81	35.81	0.	2044.	0.00	1.36	
6744		50		36.45	36.45	0.	1442.	0.00	0.94		35.81	35.81	0.	2038.	0.00	1.35	
6746		50		36.45	36.45	0.	1493.	0.00	0.97		35.81	35.81	0.	2067.	0.00	1.37	
6747		50		36.45	36.45	0.	1408.	0.00	0.92		35.81	35.81	0.	2008.	0.00	1.33	
6748		50		36.45	36.45	0.	1282.	0.00	0.84		35.81	35.81	0.	1998.	0.00	1.33	
6750		50		36.45	36.45	0.	1296.	0.00	0.85		35.81	35.81	0.	2019.	0.00	1.34	
6752		50		36.45	36.45	37.	1096.	0.00	0.72		35.81	35.81	13631.	-456.	0.28	0.38	
6753		50		36.45	36.45	546.	1038.	0.00	0.70		35.81	35.81	13078.	-481.	0.27	0.36	
6754		50		36.45	36.45	209.	1112.	0.00	0.73		35.81	35.81	12967.	-365.	0.26	0.38	
6756		50		36.45	36.45	0.	995.	0.00	0.65		35.81	35.81	14791.	-359.	0.29	0.44	
6757		50		36.45	36.45	136.	871.	0.00	0.57		35.81	35.81	14421.	-428.	0.29	0.41	
6758		50		36.45	36.45	0.	993.	0.00	0.65		35.81	35.81	14157.	-460.	0.29	0.39	
6759		50		36.45	36.45	0.	1291.	0.00	0.84		35.81	35.81	0.	1989.	0.00	1.32	
6760		50		36.45	36.45	0.	1206.	0.00	0.79		35.81	35.81	0.	1984.	0.00	1.32	
6762		50		36.45	36.45	0.	1200.	0.00	0.78		35.81	35.81	0.	1991.	0.00	1.32	
6763		50		36.45	36.45	0.	1293.	0.00	0.84		35.81	35.81	0.	1985.	0.00	1.32	
6764		50		36.45	36.45	0.	1189.	0.00	0.78		35.81	35.81	0.	1983.	0.00	1.32	
6766		50		36.45	36.45	0.	1187.	0.00	0.78		35.81	35.81	0.	1983.	0.00	1.32	
6768		50		36.45	36.45	0.	963.	0.00	0.63		35.81	35.81	15091.	-222.	0.28	0.48	
6769		50		36.45	36.45	266.	840.	0.00	0.56		35.81	35.81	14873.	-274.	0.28	0.46	
6770		50		36.45	36.45	0.	961.	0.00	0.63		35.81	35.81	14911.	-301.	0.28	0.45	
6771		50		36.45	36.45	0.	1353.	0.00	0.88		35.81	35.81	0.	1986.	0.00	1.32	
6772		50		36.45	36.45	0.	1291.	0.00	0.84		35.81	35.81	0.	1983.	0.00	1.32	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6774		50		36.45	36.45	0.	1276.	0.00	0.83		35.81	35.81	0.	1985.	0.00	1.32	
6776		50		36.45	36.45	0.	1058.	0.00	0.69		35.81	35.81	15500.	-74.	0.27	0.53	
6777		50		36.45	36.45	108.	886.	0.00	0.58		35.81	35.81	15286.	-138.	0.28	0.50	
6778		50		36.45	36.45	0.	1044.	0.00	0.68		35.81	35.81	15207.	-172.	0.28	0.49	
6779		50		36.45	36.45	0.	1436.	0.00	0.94		35.81	35.81	0.	1964.	0.00	1.31	
6780		50		36.45	36.45	0.	1356.	0.00	0.89		35.81	35.81	0.	1946.	0.00	1.29	
6782		50		36.45	36.45	0.	1355.	0.00	0.88		35.81	35.81	0.	1976.	0.00	1.31	
6784		50		36.45	36.45	442.	1174.	0.00	0.78		35.81	35.81	15866.	81.	0.23	0.61	
6785		50		36.45	36.45	499.	1073.	0.00	0.72		35.81	35.81	14969.	16.	0.25	0.54	
6786		50		36.45	36.45	0.	1173.	0.00	0.77		35.81	35.81	15638.	-24.	0.27	0.54	
8094		50		36.45	36.45	2891.	322.	0.00	0.31		35.81	35.81	0.	1348.	0.00	0.90	
8095		50		36.45	36.45	2703.	791.	0.00	0.61		35.81	35.81	0.	1086.	0.00	0.72	
8096		50		36.45	36.45	2604.	515.	0.00	0.43		35.81	35.81	0.	1212.	0.00	0.81	
8709		50		36.45	36.45	3351.	84.	0.01	0.17		15.92	15.92	1858.	56.	0.00	0.23	
8711		50		36.45	36.45	4824.	-19.	0.08	0.16		15.92	15.92	1434.	-7.	0.04	0.11	
8712		50		36.45	36.45	3788.	15.	0.06	0.14		15.92	15.92	1887.	34.	0.00	0.20	
8713		50		36.45	36.45	6759.	-130.	0.13	0.21		15.92	15.92	1129.	-76.	0.04	0.08	
8714		50		36.45	36.45	9355.	-36.	0.16	0.32		15.92	15.92	0.	-100.	0.01	-0.01	
8715		50		36.45	36.45	297.	394.	0.00	0.27		35.81	35.81	1068.	357.	0.00	0.27	
8716		50		16.25	16.25	1165.	1159.	0.00	1.79		15.92	15.92	1360.	227.	0.00	0.44	
8718		50		16.25	16.25	1124.	1127.	0.00	1.74		15.92	15.92	792.	217.	0.00	0.39	
8774		50		36.45	36.45	3483.	1074.	0.00	0.85		35.81	35.81	0.	1260.	0.00	0.84	
8775		50		36.45	36.45	3678.	1250.	0.00	0.95		35.81	35.81	0.	1274.	0.00	0.85	
8776		50		36.45	36.45	0.	1103.	0.00	0.72		35.81	35.81	0.	656.	0.00	0.44	
8777		50		36.45	36.45	0.	1187.	0.00	0.78		35.81	35.81	0.	486.	0.00	0.32	
8778		50		36.45	36.45	1040.	1027.	0.00	0.71		35.81	35.81	0.	1202.	0.00	0.80	
8779		50		36.45	36.45	0.	1178.	0.00	0.77		35.81	35.81	0.	583.	0.00	0.39	
8780		50		36.45	36.45	0.	1215.	0.00	0.79		35.81	35.81	110.	700.	0.00	0.47	
8781		50		36.45	36.45	0.	1207.	0.00	0.79		35.81	35.81	1285.	832.	0.00	0.60	
8782		50		36.45	36.45	0.	1271.	0.00	0.83		35.81	35.81	2220.	1288.	0.00	0.94	
8784		50		36.45	36.45	885.	1237.	0.00	0.84		35.81	35.81	3505.	1595.	0.00	1.19	
8786		50		36.45	36.45	4249.	1419.	0.00	1.08		35.81	35.81	2230.	1494.	0.00	1.07	
8788		50		36.45	36.45	4961.	1443.	0.00	1.12		35.81	35.81	6824.	1079.	0.00	0.96	
8789		50		36.45	36.45	4623.	1418.	0.00	1.09		35.81	35.81	3741.	1755.	0.00	1.30	
9497		50		36.45	36.45	957.	67.	0.00	0.08		15.92	15.92	0.	-139.	0.02	-0.02	
9499		50		36.45	36.45	1524.	92.	0.00	0.11		15.92	15.92	0.	-131.	0.01	-0.01	
9500		50		36.45	36.45	1220.	94.	0.00	0.10		15.92	15.92	0.	-204.	0.02	-0.02	
9501		50		36.45	36.45	8066.	23.	0.12	0.29		15.92	15.92	0.	-77.	0.01	-0.01	
9502		50		36.45	36.45	9326.	19.	0.15	0.34		15.92	15.92	0.	-112.	0.01	-0.01	
9503		50		36.45	36.45	12534.	-2.	0.21	0.43		15.92	15.92	0.	-98.	0.01	-0.01	
9505		50		36.45	36.45	90.	-13.	0.00	0.00		15.92	15.92	669.	24.	0.00	0.09	
9507		50		36.45	36.45	724.	40.	0.00	0.05		15.92	15.92	34.	-3.	0.00	0.00	
9508		50		36.45	36.45	445.	35.	0.00	0.04		15.92	15.92	96.	33.	0.00	0.06	
9509		50		36.45	36.45	3089.	79.	0.00	0.16		15.92	15.92	816.	15.	0.00	0.08	
9510		50		36.45	36.45	4422.	75.	0.03	0.20		15.92	15.92	666.	0.	0.02	0.05	
9511		50		36.45	36.45	6393.	38.	0.09	0.25		15.92	15.92	614.	-21.	0.02	0.04	
9513		50		36.45	36.45	488.	175.	0.00	0.13		15.92	15.92	1034.	138.	0.00	0.28	
9514		50		36.45	36.45	1245.	160.	0.00	0.15		15.92	15.92	1289.	110.	0.00	0.26	
9515		50		36.45	36.45	2072.	106.	0.00	0.14		15.92	15.92	1148.	64.	0.00	0.18	
9517		50		36.45	36.45	0.	32.	0.00	0.02		15.92	15.92	669.	157.	0.00	0.29	
9519		50		36.45	36.45	0.	-22.	0.00	0.00		15.92	15.92	755.	88.	0.00	0.19	
9520		50		36.45	36.45	0.	-22.	0.00	0.00		15.92	15.92	346.	160.	0.00	0.27	
9521		50		36.45	36.45	2795.	1411.	0.00	1.02		35.81	35.81	5180.	1393.	0.00	1.11	
9523		50		36.45	36.45	3693.	1414.	0.00	1.05		35.81	35.81	1884.	1371.	0.00	0.98	
9524		50		36.45	36.45	3190.	1406.	0.00	1.03		35.81	35.81	2505.	1317.	0.00	0.97	

MACROGUSCIO P4

VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
13	Rara 1 (RARA)
14	Rara 2 (RARA)
15	Frequente 1 (FREQUENTE)
16	Frequente 2 (FREQUENTE)
17	Quasi Perm (QUASI PERMANENTE)

DATI:

copriferro inferiore (asse armatura): 7 cm
 copriferro superiore (asse armatura): 7 cm

Af = area effettiva tesa (cm2 al metro)
 Afc = area effettiva compressa (cm2 al metro)
 Mom = momento flettente [daNcm/cm]
 Nor = sforzo normale [daN]

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1889		16.25	16.25		56	-2	0.21	3.		143	-1	0.002		158	-18	0.67	0.000	
1890		16.25	16.25		0.	-4	0.08	-1.		0.	-12	0.000		36	-21	0.46	0.000	
1891		16.25	16.25		0.	59	0.00	183.		0.	2	0.001		0.	-11	0.20	0.000	
1892		16.25	16.25		178	-5	0.69	14.		271	-19	0.000		268	-19	0.97	0.000	
1893		16.25	16.25		0.	5	0.00	16.		73	-23	0.000		91	-16	0.48	0.000	
1894		16.25	16.25		0.	95	0.00	293.		0.	3	0.001		0.	-4	0.08	0.000	
1895		16.25	16.25		394	-3	1.54	54.		525	-22	0.002		521	-21	1.95	0.002	
1896		16.25	16.25		117	8	0.15	44.		291	-15	0.001		289	-15	1.05	0.001	
1897		16.25	16.25		0.	105	0.00	323.		0.	-2	0.000		0.	-2	0.03	0.000	
1898		16.25	16.25		886	165	0.00	659.		1089	99	0.059		1082	98	0.00	0.058	
1899		16.25	16.25		761	186	0.00	702.		808	105	0.059		802	104	0.00	0.058	
1900		16.25	16.25		1470	141	0.00	684.		1679	79	0.056		1666	78	4.33	0.056	
1901		16.25	16.25		561	-8	2.20	64.		541	-16	0.003		537	-16	2.07	0.003	
1903		16.25	16.25		700	-5	2.73	96.		710	-17	0.005		704	-17	2.74	0.005	
1904		16.25	16.25		595	-24	2.22	30.		566	-28	0.002		561	-28	2.05	0.002	
1905		16.25	16.25		328	11	1.04	87.		386	-6	0.004		383	-6	1.50	0.004	
1906		16.25	16.25		306	6	1.10	66.		386	-18	0.001		383	-18	1.41	0.001	
1907		16.25	16.25		516	20	1.55	144.		607	-2	0.007		603	-2	2.34	0.007	
2499		16.25	16.25		210	10	0.52	67.		173	-32	0.000		138	-24	0.72	0.000	
2500		16.25	16.25		16	34	0.00	106.		236	-45	0.000		269	-43	1.34	0.000	
2501		16.25	16.25		0.	72	0.00	221.		318	-23	0.000		318	-23	1.15	0.000	
2502		16.25	16.25		0.	106	0.00	327.		268	-11	0.001		268	-11	1.00	0.001	
2503		16.25	16.25		0.	123	0.00	377.		86	22	0.011		86	22	0.00	0.011	
2504		16.25	16.25		0.	84	0.00	259.		0.	36	0.018		0.	15	0.00	0.008	
2505		16.25	16.25		301	-5	1.18	33.		280	-48	0.000		263	-50	1.45	0.000	
2506		16.25	16.25		108	22	0.00	87.		325	-62	0.000		347	-66	1.92	0.000	
2507		16.25	16.25		46	48	0.00	155.		357	-32	0.000		357	-31	1.34	0.000	
2508		16.25	16.25		0.	80	0.00	245.		258	-14	0.001		259	-13	0.94	0.001	
2509		16.25	16.25		0.	90	0.00	278.		38	12	0.006		39	11	0.00	0.006	
2510		16.25	16.25		0.	58	0.00	179.		0.	8	0.004		0.	-2	0.05	0.000	
2511		16.25	16.25		530	-37	1.91	5.		575	-83	0.000		571	-87	2.77	0.000	
2512		16.25	16.25		273	-13	1.00	10.		522	-90	0.000		523	-89	2.72	0.000	
2513		16.25	16.25		195	-5	0.75	16.		455	-44	0.000		455	-44	1.75	0.000	
2514		16.25	16.25		4	15	0.00	48.		241	-2	0.003		242	-2	0.95	0.003	
2515		16.25	16.25		0.	16	0.00	48.		0.	-5	0.000		0.	-5	0.10	0.000	
2516		16.25	16.25		0.	-19	0.34	-5.		0.	-25	0.000		0.	-25	0.45	0.000	
2518		16.25	16.25		433	-66	2.10	-8.		621	-79	0.000		659	-71	2.67	0.000	
2519		16.25	16.25		283	-86	2.15	-17.		584	-31	0.001		584	-31	2.12	0.001	
2520		16.25	16.25		43	-77	1.49	-20.		217	-18	0.000		217	-19	0.81	0.000	
2521		16.25	16.25		0.	-64	1.17	-18.		0.	-5	0.000		0.	-19	0.35	0.000	
2525		16.25	16.25		620	-111	3.32	-16.		820	-44	0.002		860	-20	3.35	0.007	
2526		16.25	16.25		321	-132	3.07	-29.		674	-17	0.005		674	-18	2.61	0.005	
2527		16.25	16.25		0.	-130	2.37	-36.		0.	-9	0.000		0.	-9	0.17	0.000	
2528		16.25	16.25		48	-123	2.35	-33.		171	-22	0.000		171	-22	0.76	0.000	
2530		16.25	16.25		961	-37	3.62	53.		1231	-37	0.008		1331	-7	5.19	0.016	
2531		16.25	16.25		815	-133	4.12	-18.		980	-55	0.002		1120	47	3.14	0.035	
2534		16.25	16.25		0.	-142	2.59	-39.		0.	-31	0.000		0.	-31	0.57	0.000	
2535		52.70	52.70		821	-29	2.02	19.		1204	13	0.003		1314	49	1.91	0.005	
2536		52.70	52.70		0.	-83	1.26	-19.		0.	-45	0.000		0.	-42	0.63	0.000	
2653		16.25	16.25		886	-59	3.18	12.		1089	-75	0.001		1112	-73	3.99	0.001	
2654		16.25	16.25		770	-52	2.77	10.		926	-89	0.000		935	-88	3.56	0.000	
2655		16.25	16.25		740	-50	2.66	9.		857	-88	0.000		864	-95	3.52	0.000	
2657		16.25	16.25		907	-60	3.25	12.		1214	-27	0.010		1279	-8	4.99	0.015	
2658		16.25	16.25		910	-72	3.33	4.		1142	-56	0.003		1203	-38	4.61	0.007	
2659		16.25	16.25		924	-71	3.36	6.		1149	-64	0.002		1195	-47	4.48	0.005	
2661		16.25	16.25		817	-35	3.04	38.		1201	13	0.021		1300	45	4.04	0.036	
2664		16.25	16.25		810	-22	3.13	65.		1155	2	0.016		1283	34	4.33	0.031	
2669		16.25	16.25		843	-32	3.17	47.		1175	-7	0.014		1286	20	4.67	0.025	
2676		16.25	16.25		0.	-14	0.26	-4.		0.	-34	0.000		0.	-34	0.62	0.000	
2677		16.25	16.25		0.	-41	0.75	-11.		0.	-33	0.000		0.	-34	0.61	0.000	
2681		16.25	16.25		0.	-79	1.44	-22.		0.	-36	0.000		0.	-36	0.65	0.000	
2685		16.25	16.25		865	-39	3.19	36.		1223	0.	0.016		1309	18	4.81	0.025	
3885		16.25	16.25		1346	148	0.00	685.		474	18	0.014		403	-12	1.55	0.003	
3887		16.25	16.25		694	151	0.00	584.		267	5	0.006		82	-1	0.32	0.001	
3888		16.25	16.25		765	172	0.00	659.		352	6	0.007		259	-3	1.01	0.003	
3889		16.25	16.25		0.	-100	1.82	-27.		0.	-36	0.000		0.	-36	0.66	0.000	
3890		16.25	16.25		0.	-73	1.33	-20.		0.	-45	0.000		0.	-44	0.81	0.000	
3891		16.25	16.25		0.	-60	1.09	-16.		0.	-44	0.000		0.	-44	0.80	0.000	
3892		16.25	16.25		0.	-28	0.51	-8.		9	-62	0.000		0.	-8	0.15	0.000	
3893		16.25	16.25		0.	-41	0.75	-11.		0.	-18	0.000		0.	-18	0.33	0.000	
4218		25.36	25.36		597	-53	2.07	-1.		396	-49	0.000		310	-42	1.32	0.000	
4219		25.36	25.36		573	-98	2.81	-13.		379	-54	0.000		303	-27	1.06	0.000	
4220		25.36	25.36		496	-26	1.61	11.		288	-1	0.002		206	-15	0.69	0.000	
4221		25.36	25.36		359	-29	1.23	1.		153	-61	0.000		67	-4	0.22	0.000	
4222		25.36	25.36		121	-5	0.39	4.		0.	-51	0.000		0.	5	0.00	0.001	
4223		25.36	25.36		704	-50	2.35	5.		438	-15	0.001		296	-10	0.97	0.001	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4224		25.36	25.36	758	-62	2.61	1.1	477	-31	0.000	319	-17	1.04	0.000
4225		25.36	25.36	726	-57	2.47	2.1	506	-41	0.000	351	-13	1.14	0.001
4226		16.25	16.25	376	-32	1.40	0.1	443	-37	0.000	385	-22	1.38	0.001
4227		36.45	36.45	584	-12	1.62	28.1	563	-14	0.001	491	-24	1.43	0.001
4228		36.45	36.45	634	-22	1.81	21.1	737	-24	0.001	703	23	1.39	0.006
4229		36.45	36.45	643	-243	5.14	-47.1	740	-49	0.000	958	137	0.00	0.023
4230		36.45	36.45	497	-537	9.70	-123.1	931	-207	0.000	1472	255	0.00	0.042
4235		36.45	36.45	75	-1194	19.73	-292.1	0.	-397	0.000	0.	150	0.00	0.023
4237		36.45	36.45	642	-76	2.40	-6.1	598	-15	0.001	511	-10	1.41	0.001
4238		36.45	36.45	504	-120	2.87	-20.1	637	-42	0.000	671	43	0.56	0.009
4239		36.45	36.45	45	-386	6.42	-94.1	231	-51	0.000	526	124	0.00	0.020
4240		36.45	36.45	0.	-611	10.03	-150.1	0.	-212	0.000	7	188	0.00	0.028
4241		36.45	36.45	0.	-783	12.85	-193.1	0.	-323	0.000	0.	189	0.00	0.028
4242		36.45	36.45	146	-924	15.43	-225.1	158	-262	0.000	301	147	0.00	0.023
4244		36.45	36.45	1963	-978	19.57	-203.1	2003	-278	0.000	1967	108	2.49	0.023
4245		36.45	36.45	2277	-1027	20.93	-209.1	2231	-325	0.000	2144	156	0.72	0.030
4247		36.45	36.45	507	-31	1.51	5.1	436	-21	0.001	360	5	0.86	0.002
4248		36.45	36.45	257	-179	3.39	-39.1	292	-54	0.000	280	49	0.00	0.008
4249		36.45	36.45	0.	-416	6.83	-103.1	0.	-61	0.000	0.	96	0.00	0.014
4250		36.45	36.45	0.	-687	11.28	-169.1	0.	-224	0.000	0.	125	0.00	0.019
4251		36.45	36.45	0.	-968	15.89	-238.1	0.	-444	0.000	0.	113	0.00	0.017
4252		36.45	36.45	0.	-1015	16.66	-250.1	0.	-365	0.000	0.	75	0.00	0.011
4254		36.45	36.45	1593	-929	18.10	-198.1	1690	-333	0.000	1735	119	1.08	0.023
4255		36.45	36.45	2429	-802	17.51	-150.1	2446	-222	0.000	2413	240	0.00	0.043
4257		36.45	36.45	332	-66	1.67	-10.1	220	-45	0.000	137	13	0.00	0.002
4258		36.45	36.45	0.	-206	3.38	-51.1	0.	0.	0.000	0.	45	0.00	0.007
4259		36.45	36.45	0.	-421	6.90	-104.1	0.	-96	0.000	0.	70	0.00	0.011
4260		36.45	36.45	0.	-687	11.28	-169.1	0.	-241	0.000	0.	78	0.00	0.012
4261		36.45	36.45	0.	-1002	16.44	-247.1	0.	-453	0.000	0.	59	0.00	0.009
4262		36.45	36.45	0.	-1064	17.47	-262.1	0.	-400	0.000	0.	30	0.00	0.005
4264		36.45	36.45	1546	-923	17.91	-197.1	1608	-313	0.000	1639	122	0.36	0.023
4265		36.45	36.45	2501	-735	16.55	-133.1	2477	-178	0.001	2457	266	0.00	0.047
4267		36.45	36.45	129	-73	1.42	-15.1	7	-47	0.000	0.	18	0.00	0.003
4268		36.45	36.45	0.	-211	3.46	-52.1	0.	-12	0.000	0.	37	0.00	0.006
4269		36.45	36.45	0.	-417	6.84	-103.1	0.	-114	0.000	0.	46	0.00	0.007
4270		36.45	36.45	0.	-668	10.97	-165.1	0.	-257	0.000	0.	42	0.00	0.006
4271		36.45	36.45	0.	-968	15.89	-238.1	0.	-458	0.000	0.	22	0.00	0.003
4272		36.45	36.45	0.	-1093	17.93	-269.1	0.	-430	0.000	0.	4	0.00	0.001
4274		36.45	36.45	1491	-884	17.18	-189.1	1531	-291	0.000	1550	134	0.00	0.025
4275		36.45	36.45	2577	-670	15.61	-115.1	2539	-135	0.002	2479	292	0.00	0.051
4277		36.45	36.45	0.	-61	0.99	-15.1	0.	-47	0.000	0.	17	0.00	0.003
4278		36.45	36.45	0.	-210	3.44	-52.1	0.	-26	0.000	0.	22	0.00	0.003
4279		36.45	36.45	0.	-413	6.78	-102.1	0.	-134	0.000	0.	20	0.00	0.003
4280		36.45	36.45	0.	-650	10.67	-160.1	0.	-272	0.000	0.	12	0.00	0.002
4281		36.45	36.45	0.	-934	15.33	-230.1	0.	-460	0.000	0.	-5	0.09	0.000
4282		36.45	36.45	0.	-1122	18.41	-276.1	0.	-452	0.000	0.	-12	0.20	0.000
4284		36.45	36.45	1320	-845	16.23	-182.1	1333	-264	0.000	1345	159	0.00	0.028
4285		36.45	36.45	2348	-601	14.07	-103.1	2334	-88	0.004	2295	321	0.00	0.054
4287		36.45	36.45	714	-135	3.50	-20.1	499	-46	0.000	345	-13	0.99	0.001
4288		36.45	36.45	427	-258	5.00	-55.1	323	-153	0.000	233	-20	0.74	0.000
4289		36.45	36.45	0.	-366	6.00	-90.1	0.	-211	0.000	0.	-27	0.44	0.000
4290		36.45	36.45	0.	-519	8.51	-128.1	0.	-296	0.000	0.	-31	0.52	0.000
4291		36.45	36.45	0.	-738	12.11	-182.1	0.	-411	0.000	0.	-1	0.02	0.000
4292		36.45	36.45	0.	-1024	16.80	-252.1	0.	-484	0.000	0.	-5	0.08	0.000
4294		36.45	36.45	1464	-773	15.31	-162.1	1521	-103	0.001	1506	293	0.00	0.048
4295		36.45	36.45	2118	-411	10.54	-60.1	2170	179	0.034	2143	407	0.00	0.066
4297		36.45	36.45	878	-132	3.74	-16.1	624	-35	0.000	454	-19	1.31	0.001
4298		36.45	36.45	758	-220	4.97	-39.1	586	-103	0.000	465	-22	1.35	0.001
4299		36.45	36.45	286	-318	5.72	-73.1	138	-182	0.000	106	-28	0.64	0.000
4300		36.45	36.45	0.	-457	7.50	-113.1	0.	-261	0.000	0.	-31	0.50	0.000
4301		36.45	36.45	0.	-662	10.86	-163.1	0.	-378	0.000	0.	-35	0.58	0.000
4302		36.45	36.45	0.	-1012	16.61	-249.1	17	-458	0.000	356	0.	0.92	0.002
4304		36.45	36.45	959	-797	14.80	-178.1	1171	-107	0.000	1168	297	0.00	0.047
4305		36.45	36.45	1157	-413	8.85	-79.1	1376	182	0.031	1451	411	0.00	0.065
4307		36.45	36.45	1032	-142	4.18	-15.1	780	-77	0.000	566	-7	1.54	0.002
4308		36.45	36.45	1190	-204	5.47	-27.1	969	-139	0.000	757	-33	2.19	0.001
4309		36.45	36.45	1090	-278	6.52	-47.1	924	-188	0.000	765	-34	2.21	0.001
4310		36.45	36.45	282	-385	6.82	-89.1	301	-246	0.000	327	-30	1.08	0.000
4311		36.45	36.45	0.	-559	9.18	-138.1	42	-333	0.000	242	-28	0.89	0.000
4312		36.45	36.45	0.	-986	16.17	-243.1	456	-486	0.000	1141	6	2.87	0.006
4314		36.45	36.45	0.	-849	13.93	-209.1	508	-78	0.000	787	282	0.00	0.044
4315		36.45	36.45	0.	-459	7.53	-113.1	497	252	0.039	723	383	0.00	0.059
4320		36.45	36.45	2123	-303	8.78	-34.1	1770	-216	0.000	1472	-32	4.10	0.004
4321		36.45	36.45	2527	-451	11.93	-62.1	2172	-286	0.000	1856	-19	5.00	0.006
4322		36.45	36.45	2171	-901	18.67	-180.1	1931	-502	0.000	2030	-10	5.36	0.008
4324		36.45	36.45	2009	-889	18.18	-180.1	971	-215	0.000	153	127	0.00	0.019

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4325		36.45	36.45		1088	-484	9.89	-98.		0.	36	0.005		0.	240	0.00	0.036
4330		25.36	25.36		328	-26	1.11	1.		203	-63	0.000		77	16	0.00	0.003
4333		25.36	25.36		446	-102	2.64	-17.		330	-39	0.000		214	-8	0.70	0.000
4334		25.36	25.36		629	-182	4.38	-34.		474	-99	0.000		322	-1	1.02	0.002
4335		25.36	25.36		783	-126	3.70	-16.		563	-51	0.000		347	-11	1.13	0.001
4336		36.45	36.45		76	-76	1.39	-17.		0.	-77	0.000		0.	9	0.00	0.001
4337		36.45	36.45		0.	-229	3.77	-56.		0.	-85	0.000		0.	0.	0.00	0.000
4338		36.45	36.45		0.	-419	6.87	-103.		0.	-188	0.000		0.	-4	0.07	0.000
4339		36.45	36.45		0.	-636	10.45	-157.		0.	-314	0.000		0.	-9	0.16	0.000
4340		36.45	36.45		0.	-902	14.81	-222.		0.	-459	0.000		0.	-16	0.26	0.000
4341		36.45	36.45		0.	-1126	18.48	-277.		0.	-465	0.000		0.	-17	0.28	0.000
4343		36.45	36.45		1515	-809	15.99	-170.		1560	-236	0.000		1576	208	0.00	0.036
4344		36.45	36.45		2704	-534	13.61	-79.		2706	-39	0.009		2643	356	0.00	0.061
4346		36.45	36.45		217	-138	2.66	-30.		129	-49	0.000		45	-12	0.28	0.000
4347		36.45	36.45		0.	-268	4.40	-66.		0.	-127	0.000		0.	-21	0.34	0.000
4348		36.45	36.45		0.	-424	6.96	-104.		0.	-209	0.000		0.	-5	0.09	0.000
4349		36.45	36.45		0.	-619	10.16	-152.		0.	-320	0.000		0.	-19	0.32	0.000
4350		36.45	36.45		0.	-868	14.25	-214.		0.	-454	0.000		0.	-24	0.40	0.000
4351		36.45	36.45		0.	-1106	18.15	-272.		0.	-472	0.000		0.	-17	0.28	0.000
4353		36.45	36.45		1406	-800	15.65	-170.		1458	-123	0.000		1474	229	0.00	0.038
4354		36.45	36.45		2436	-502	12.60	-76.		2448	129	0.027		2394	366	0.00	0.061
4356		36.45	36.45		427	-199	4.03	-41.		309	-105	0.000		199	-7	0.57	0.000
4357		36.45	36.45		35	-290	4.83	-71.		0.	-158	0.000		0.	-16	0.26	0.000
4358		36.45	36.45		0.	-414	6.80	-102.		0.	-222	0.000		0.	-15	0.25	0.000
4359		36.45	36.45		0.	-586	9.62	-144.		0.	-318	0.000		0.	-12	0.20	0.000
4360		36.45	36.45		0.	-819	13.44	-202.		0.	-441	0.000		0.	-14	0.24	0.000
4361		36.45	36.45		0.	-1076	17.65	-265.		0.	-477	0.000		0.	-13	0.21	0.000
4363		36.45	36.45		1427	-769	15.18	-162.		1454	-97	0.001		1454	288	0.00	0.047
4364		36.45	36.45		2142	-439	11.04	-67.		2138	173	0.033		2101	405	0.00	0.066
4366		36.45	36.45		599	-200	4.36	-38.		426	-70	0.000		271	-16	0.81	0.000
4367		36.45	36.45		223	-294	5.23	-68.		153	-161	0.000		98	-23	0.55	0.000
4368		36.45	36.45		0.	-406	6.66	-100.		0.	-219	0.000		0.	-1	0.02	0.000
4369		36.45	36.45		0.	-567	9.30	-139.		0.	-308	0.000		0.	-3	0.05	0.000
4370		36.45	36.45		0.	-778	12.76	-191.		0.	-427	0.000		0.	-6	0.10	0.000
4371		36.45	36.45		0.	-1052	17.27	-259.		0.	-480	0.000		0.	-7	0.11	0.000
4373		36.45	36.45		1514	-824	16.23	-173.		1557	-88	0.001		1531	303	0.00	0.049
4374		36.45	36.45		2025	-495	11.76	-83.		2050	194	0.035		1978	422	0.00	0.068
4379		16.25	16.25		0.	-7	0.13	-2.		248	-57	0.000		215	-64	1.61	0.000
4385		36.45	36.45		0.	-366	6.01	-90.		141	-13	0.000		231	35	0.00	0.006
4386		36.45	36.45		0.	-519	8.52	-128.		0.	-118	0.000		204	115	0.00	0.018
4387		36.45	36.45		0.	-685	11.24	-169.		0.	-234	0.000		313	177	0.00	0.027
4389		36.45	36.45		0.	-809	13.27	-199.		0.	-371	0.000		265	221	0.00	0.034
4390		25.36	25.36		687	5	2.07	80.		912	-58	0.001		844	-76	2.95	0.000
4391		25.36	25.36		1561	37	4.21	235.		1400	-26	0.005		1395	-88	4.58	0.001
4392		36.45	36.45		1044	-18	2.87	54.		979	-57	0.001		837	-73	2.70	0.000
4394		36.45	36.45		1234	-56	3.57	27.		1024	-55	0.001		816	-53	2.46	0.000
4396		36.45	36.45		1194	-121	4.13	-7.		971	-68	0.000		750	-13	2.06	0.002
4398		36.45	36.45		843	-260	5.78	-48.		743	-108	0.000		694	29	1.20	0.007
4399		36.45	36.45		2405	-184	7.52	7.		1816	-99	0.002		1232	-13	3.32	0.004
4400		36.45	36.45		1005	-498	9.96	-103.		843	-220	0.000		685	116	0.00	0.019
4401		36.45	36.45		2140	-400	10.40	-57.		1521	-208	0.000		922	54	1.01	0.011
4402		36.45	36.45		1059	-627	12.19	-134.		851	-320	0.000		648	165	0.00	0.026
4404		36.45	36.45		1126	-739	14.15	-160.		873	-394	0.000		625	199	0.00	0.031
4405		36.45	36.45		1558	-580	12.31	-113.		1094	-381	0.000		636	136	0.00	0.022
5414		36.45	36.45		4282	-914	22.67	-142.		4165	-332	0.000		4100	290	1.99	0.056
5415		36.45	36.45		3265	-915	20.86	-162.		3108	-217	0.001		3051	296	0.00	0.053
5417		36.45	36.45		4156	-704	19.00	-93.		4075	-190	0.005		4027	195	6.05	0.043
5418		36.45	36.45		3636	-679	17.65	-97.		3630	-104	0.008		3599	193	4.71	0.041
5420		36.45	36.45		2815	-632	15.41	-101.		3024	-187	0.002		3273	105	6.51	0.027
5421		36.45	36.45		2878	-654	15.89	-105.		3027	-130	0.004		3005	95	6.00	0.025
5423		36.45	36.45		1585	-385	9.15	-64.		1784	-97	0.002		2137	34	4.99	0.013
5424		36.45	36.45		1264	-505	10.56	-100.		1630	-94	0.001		1552	23	3.65	0.009
5427		36.45	36.45		0.	-331	5.43	-81.		0.	-108	0.000		0.	78	0.00	0.012
5432		36.45	36.45		0.	-837	13.74	-206.		0.	-130	0.000		0.	360	0.00	0.054
5435		36.45	36.45		0.	-867	14.22	-213.		0.	-170	0.000		0.	371	0.00	0.056
5437		36.45	36.45		245	-65	1.50	-11.		0.	-28	0.000		0.	71	0.00	0.011
5438		36.45	36.45		0.	-13	0.21	-3.		0.	83	0.013		0.	101	0.00	0.015
5439		36.45	36.45		0.	-113	1.85	-28.		0.	67	0.010		0.	86	0.00	0.013
5441		36.45	36.45		2200	-493	12.03	-79.		2651	-222	0.000		3220	41	7.71	0.019
5442		36.45	36.45		2136	-309	8.90	-35.		2427	-121	0.003		2923	54	6.69	0.019
5443		36.45	36.45		1616	-334	8.37	-51.		2001	-83	0.003		2354	46	5.34	0.016
5445		36.45	36.45		2439	-742	16.54	-135.		2665	-326	0.000		3006	87	6.20	0.024
5446		36.45	36.45		3106	-637	16.01	-97.		3387	-269	0.000		3720	94	7.99	0.028
5447		36.45	36.45		2379	-718	16.05	-131.		2729	-304	0.000		3105	86	6.51	0.024
5449		36.45	36.45		3509	-858	20.37	-143.		3413	-358	0.000		3362	197	3.71	0.040
5450		36.45	36.45		4502	-756	20.47	-99.		4371	-315	0.001		4311	197	6.87	0.044

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5451		36.45	36.45		2683	-827	18.38	-152.		2571	-348	0.000		2766	185	1.94	0.037	
5453		36.45	36.45		4243	-964	23.43	-155.		4224	-360	0.000		4252	268	3.82	0.054	
5454		36.45	36.45		5168	-893	23.92	-120.		5080	-336	0.002		5058	276	6.43	0.058	
5455		36.45	36.45		4049	-905	22.10	-144.		4005	-354	0.000		4013	261	3.24	0.052	
5457		36.45	36.45		1686	-961	18.79	-204.		1452	-247	0.000		1305	215	0.00	0.036	
5458		36.45	36.45		1162	-841	15.88	-184.		948	-144	0.000		806	337	0.00	0.052	
5459		36.45	36.45		511	-906	15.78	-213.		356	-230	0.000		225	343	0.00	0.052	
6395		36.45	36.45		0.	-805	13.21	-198.		0.	-92	0.000		0.	345	0.00	0.052	
6397		36.45	36.45		0.	-839	13.77	-207.		0.	-131	0.000		0.	354	0.00	0.053	
6398		36.45	36.45		0.	-830	13.62	-204.		0.	-140	0.000		0.	373	0.00	0.056	
6399		36.45	36.45		0.	-1124	18.45	-277.		0.	-307	0.000		0.	159	0.00	0.024	
6400		36.45	36.45		0.	-1204	19.75	-296.		0.	-370	0.000		175	172	0.00	0.026	
6401		36.45	36.45		0.	-1161	19.05	-286.		0.	-333	0.000		0.	195	0.00	0.029	
6563		36.45	36.45		0.	-1105	18.13	-272.		0.	-268	0.000		0.	266	0.00	0.040	
6564		36.45	36.45		0.	-1129	18.53	-278.		0.	-295	0.000		532	273	0.00	0.042	
6565		36.45	36.45		0.	-989	16.23	-243.		0.	-210	0.000		327	264	0.00	0.040	
6567		36.45	36.45		0.	-902	14.80	-222.		127	-234	0.000		869	266	0.00	0.042	
6568		36.45	36.45		0.	-888	14.58	-219.		589	-288	0.000		1315	291	0.00	0.047	
6569		36.45	36.45		79	-738	12.25	-180.		756	-257	0.000		1435	270	0.00	0.044	
6571		52.70	52.70		399	2	0.82	22.		367	-30	0.000		284	-39	1.05	0.000	
6572		16.25	16.25		321	-12	1.21	19.		288	-43	0.000		236	-53	1.46	0.000	
6573		16.25	16.25		194	2	0.73	36.		203	-46	0.000		120	-54	1.24	0.000	
6575		36.45	36.45		2198	-1088	21.79	-225.		2018	-418	0.000		1481	35	3.22	0.011	
6576		36.45	36.45		0.	-1115	18.29	-274.		937	-395	0.000		1222	95	0.00	0.018	
6577		36.45	36.45		682	-1063	18.66	-248.		1050	-299	0.000		1115	95	0.00	0.018	
6581		36.45	36.45		1112	-1009	18.55	-227.		1150	-275	0.000		1164	102	0.00	0.019	
6582		36.45	36.45		467	-1050	18.06	-249.		875	-304	0.000		924	73	0.00	0.014	
6584		36.45	36.45		248	-1040	17.52	-251.		654	-296	0.000		717	69	0.00	0.012	
6590		36.45	36.45		1084	-932	17.23	-208.		1203	-273	0.000		1231	126	0.00	0.022	
6591		36.45	36.45		1490	-968	18.55	-209.		1557	-293	0.000		1582	123	0.00	0.023	
6599		36.45	36.45		876	-939	16.97	-214.		1103	-232	0.000		1145	198	0.00	0.033	
6600		36.45	36.45		82	-1015	16.81	-248.		743	-249	0.000		1006	189	0.00	0.031	
6601		36.45	36.45		2460	-1022	21.18	-204.		1581	-345	0.000		759	80	0.00	0.014	
6604		36.45	36.45		979	-918	16.82	-207.		1079	-215	0.000		1092	204	0.00	0.033	
6605		36.45	36.45		1264	-973	18.23	-215.		1285	-239	0.000		1283	167	0.00	0.029	
6606		36.45	36.45		1001	-942	17.24	-212.		1093	-202	0.000		1117	202	0.00	0.033	
6607		36.45	36.45		0.	-1207	19.81	-297.		0.	-346	0.000		176	222	0.00	0.034	
6608		36.45	36.45		0.	-1205	19.77	-297.		0.	-323	0.000		137	257	0.00	0.039	
6731		36.45	36.45		912	-987	17.83	-225.		1058	-341	0.000		1141	88	0.01	0.017	
6732		36.45	36.45		644	-1059	18.53	-248.		786	-279	0.000		874	71	0.00	0.013	
6734		36.45	36.45		814	-956	17.15	-220.		933	-410	0.000		1035	82	0.00	0.016	
6736		36.45	36.45		404	-1028	17.60	-245.		549	-270	0.000		638	62	0.00	0.011	
6737		36.45	36.45		22	-1004	16.52	-247.		419	-330	0.000		522	69	0.00	0.012	
6738		36.45	36.45		571	-939	16.43	-220.		694	-402	0.000		798	71	0.00	0.013	
6740		36.45	36.45		189	-1017	17.03	-247.		326	-292	0.000		423	35	0.00	0.007	
6741		36.45	36.45		0.	-1016	16.68	-250.		181	-352	0.000		290	36	0.00	0.006	
6742		36.45	36.45		401	-987	16.91	-235.		504	-304	0.000		586	41	0.28	0.008	
6743		36.45	36.45		843	-974	17.50	-224.		952	-342	0.000		1026	71	0.57	0.014	
6744		36.45	36.45		490	-1034	17.84	-245.		612	-289	0.000		699	53	0.12	0.010	
6746		36.45	36.45		708	-998	17.64	-232.		796	-302	0.000		866	60	0.49	0.012	
6747		36.45	36.45		752	-950	16.94	-219.		839	-340	0.000		902	69	0.04	0.013	
6748		36.45	36.45		401	-1015	17.37	-242.		497	-293	0.000		569	51	0.00	0.009	
6750		36.45	36.45		529	-988	17.15	-233.		603	-297	0.000		660	54	0.00	0.010	
6752		36.45	36.45		38	-1012	16.68	-248.		156	-305	0.000		247	27	0.00	0.005	
6753		36.45	36.45		0.	-1019	16.72	-251.		0.	-369	0.000		65	20	0.00	0.003	
6754		36.45	36.45		185	-985	16.50	-239.		277	-308	0.000		351	29	0.00	0.005	
6756		36.45	36.45		219	-1014	17.03	-245.		265	-322	0.000		290	27	0.00	0.005	
6757		36.45	36.45		0.	-1022	16.76	-251.		0.	-379	0.000		4	18	0.00	0.003	
6758		36.45	36.45		142	-984	16.41	-240.		162	-300	0.000		178	30	0.00	0.005	
6759		36.45	36.45		722	-926	16.49	-214.		753	-333	0.000		779	80	0.00	0.014	
6760		36.45	36.45		465	-1001	17.26	-237.		508	-300	0.000		533	58	0.00	0.010	
6762		36.45	36.45		487	-979	16.94	-232.		501	-282	0.000		513	61	0.00	0.011	
6763		36.45	36.45		849	-909	16.44	-207.		927	-315	0.000		976	107	0.00	0.019	
6764		36.45	36.45		701	-980	17.34	-228.		742	-287	0.000		768	82	0.00	0.015	
6766		36.45	36.45		633	-972	17.09	-227.		651	-273	0.000		671	81	0.00	0.014	
6768		36.45	36.45		480	-1003	17.32	-238.		533	-316	0.000		568	40	0.26	0.008	
6769		36.45	36.45		0.	-1026	16.84	-253.		126	-378	0.000		212	25	0.00	0.004	
6770		36.45	36.45		356	-993	16.93	-238.		386	-301	0.000		416	41	0.00	0.007	
6771		36.45	36.45		877	-911	16.52	-207.		958	-224	0.000		1002	123	0.00	0.021	
6772		36.45	36.45		745	-986	17.51	-228.		805	-251	0.000		834	98	0.00	0.017	
6774		36.45	36.45		763	-962	17.15	-222.		798	-243	0.000		829	98	0.00	0.017	
6776		36.45	36.45		613	-1013	17.73	-238.		683	-282	0.000		721	54	0.12	0.010	
6777		36.45	36.45		18	-1035	17.02	-254.		368	-298	0.000		444	35	0.00	0.007	
6778		36.45	36.45		526	-990	17.19	-234.		573	-272	0.000		613	54	0.00	0.010	
6779		36.45	36.45		972	-899	16.49	-202.		1029	-209	0.000		1057	167	0.00	0.028	
6780		36.45	36.45		719	-977	17.31	-226.		820	-238	0.000		866	141	0.00	0.023	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6782		36.45	36.45		937	-945	17.18	-214.		949	-228	0.000		967	133	0.00	0.023	
6784		36.45	36.45		665	-1012	17.80	-236.		772	-275	0.000		824	82	0.00	0.015	
6785		36.45	36.45		271	-1039	17.53	-250.		597	-296	0.000		653	54	0.00	0.010	
6786		36.45	36.45		746	-989	17.56	-229.		770	-267	0.000		798	78	0.00	0.014	
8094		36.45	36.45		0.	-163	2.67	-40.		0.	7	0.001		0.	82	0.00	0.012	
8095		36.45	36.45		0.	-114	1.87	-28.		0.	6	0.001		0.	79	0.00	0.012	
8096		36.45	36.45		0.	-290	4.75	-71.		0.	-75	0.000		0.	82	0.00	0.012	
8709		36.45	36.45		2495	-122	7.27	47.		1946	-87	0.003		1402	-51	4.01	0.002	
8711		36.45	36.45		2383	-70	6.74	89.		1932	-74	0.003		1485	-77	4.35	0.001	
8712		36.45	36.45		2307	-75	6.56	79.		1831	-69	0.003		1357	-63	3.94	0.002	
8713		36.45	36.45		2212	-35	6.07	118.		1856	-61	0.004		1504	-86	4.45	0.001	
8714		36.45	36.45		1837	5	4.68	141.		1664	-44	0.004		1495	-92	4.47	0.001	
8715		36.45	36.45		1839	-497	11.45	-87.		1291	-309	0.000		749	99	0.00	0.017	
8716		16.25	16.25		0.	-79	1.43	-21.		0.	-47	0.000		0.	-41	0.75	0.000	
8718		16.25	16.25		0.	-76	1.39	-21.		0.	-47	0.000		0.	-42	0.77	0.000	
8774		36.45	36.45		0.	-404	6.63	-99.		0.	-146	0.000		0.	90	0.00	0.013	
8775		36.45	36.45		0.	-322	5.28	-79.		0.	-116	0.000		0.	72	0.00	0.011	
8776		36.45	36.45		1737	-740	15.26	-149.		2167	-87	0.003		2168	37	5.02	0.014	
8777		36.45	36.45		2751	-695	16.33	-118.		3012	-74	0.007		3039	87	6.29	0.024	
8778		36.45	36.45		1930	-566	12.75	-102.		2593	-9	0.010		2638	45	6.11	0.017	
8779		36.45	36.45		2589	-702	16.16	-123.		2968	15	0.014		3001	75	6.45	0.022	
8780		36.45	36.45		2890	-651	15.86	-104.		2950	-14	0.011		2950	197	2.12	0.039	
8781		36.45	36.45		3049	-589	15.13	-86.		2940	122	0.028		2961	197	2.15	0.039	
8782		36.45	36.45		2505	-856	18.53	-162.		2486	-113	0.003		2661	312	0.00	0.054	
8784		36.45	36.45		3160	-848	19.58	-148.		3065	-19	0.012		3217	326	0.00	0.058	
8786		36.45	36.45		0.	-774	12.70	-190.		0.	-46	0.000		0.	390	0.00	0.059	
8788		36.45	36.45		0.	-910	14.93	-224.		0.	-203	0.000		0.	393	0.00	0.059	
8789		36.45	36.45		0.	-883	14.50	-217.		0.	-170	0.000		0.	391	0.00	0.059	
9497		36.45	36.45		964	-143	4.07	-17.		837	-80	0.000		719	-16	2.00	0.002	
9499		36.45	36.45		629	-79	2.43	-7.		602	-54	0.000		522	-21	1.50	0.001	
9500		36.45	36.45		904	-99	3.25	-7.		775	-60	0.000		645	-17	1.81	0.002	
9501		36.45	36.45		222	-70	1.54	-13.		215	-45	0.000		177	-42	1.01	0.000	
9502		36.45	36.45		208	-59	1.34	-10.		252	-55	0.000		217	-50	1.21	0.000	
9503		36.45	36.45		103	-33	0.73	-6.		170	-57	0.000		129	-58	1.19	0.000	
9505		36.45	36.45		1395	-205	5.87	-24.		1209	-133	0.000		1035	-4	2.72	0.004	
9507		36.45	36.45		1105	-174	4.83	-21.		955	-93	0.000		815	-12	2.23	0.003	
9508		36.45	36.45		1287	-196	5.51	-23.		1103	-103	0.000		931	-9	2.50	0.003	
9509		36.45	36.45		137	-125	2.29	-28.		229	-23	0.000		225	-4	0.62	0.001	
9510		36.45	36.45		258	-108	2.23	-22.		287	-23	0.000		253	-17	0.77	0.000	
9511		36.45	36.45		225	-78	1.69	-15.		233	-36	0.000		196	-33	0.89	0.000	
9513		36.45	36.45		0.	-238	3.91	-59.		68	-2	0.000		176	-18	0.61	0.000	
9514		36.45	36.45		95	-199	3.44	-47.		271	-50	0.000		228	-35	0.98	0.000	
9515		36.45	36.45		60	-146	2.51	-35.		208	-13	0.000		204	-54	1.25	0.000	
9517		36.45	36.45		1954	-250	7.61	-24.		1679	-187	0.000		1420	-40	4.01	0.003	
9519		36.45	36.45		1550	-222	6.42	-25.		1341	-153	0.000		1145	-45	3.29	0.002	
9520		36.45	36.45		1652	-236	6.84	-26.		1422	-175	0.000		1205	-44	3.45	0.002	
9521		36.45	36.45		0.	-839	13.77	-206.		0.	-126	0.000		0.	369	0.00	0.056	
9523		36.45	36.45		0.	-790	12.97	-195.		0.	-72	0.000		0.	387	0.00	0.058	
9524		36.45	36.45		0.	-864	14.18	-213.		0.	-158	0.000		0.	379	0.00	0.057	

ARMATURA INFERIORE VERTICALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE								
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
1815		15.92	15.92		994	-136	4.56	-15.		0.	-241	0.000		0.	-239	4.36	0.000	
1816		15.92	15.92		1111	-216	6.27	-34.		0.	-250	0.000		0.	-248	4.53	0.000	
1817		15.92	15.92		1106	-303	7.84	-58.		0.	-258	0.000		0.	-255	4.66	0.000	
1818		15.92	15.92		1021	-402	9.48	-87.		0.	-279	0.000		0.	-277	5.05	0.000	
1820		15.92	15.92		468	-134	3.42	-26.		0.	-221	0.000		0.	-219	4.00	0.000	
1821		15.92	15.92		713	-204	5.21	-40.		0.	-241	0.000		0.	-239	4.36	0.000	
1822		15.92	15.92		847	-296	7.16	-62.		0.	-261	0.000		0.	-259	4.72	0.000	
1823		15.92	15.92		916	-389	9.01	-86.		0.	-283	0.000		0.	-280	5.12	0.000	
1824		15.92	15.92		221	-89	2.09	-19.		0.	-149	0.000		0.	-156	2.84	0.000	
1825		15.92	15.92		335	-128	3.04	-28.		169	-181	0.000		117	-192	3.75	0.000	
1826		15.92	15.92		533	-198	4.72	-42.		387	-220	0.000		277	-225	4.68	0.000	
1827		15.92	15.92		694	-291	6.76	-64.		525	-272	0.000		366	-238	5.11	0.000	
1828		15.92	15.92		823	-382	8.70	-86.		625	-332	0.000		440	-263	5.72	0.000	
1829		15.92	15.92		193	-61	1.52	-12.		125	-116	0.000		124	-116	2.37	0.000	
1830		15.92	15.92		332	-103	2.57	-21.		292	-158	0.000		289	-157	3.46	0.000	
1831		15.92	15.92		549	-177	4.39	-36.		580	-190	0.000		575	-189	4.65	0.000	
1832		15.92	15.92		743	-276	6.58	-59.		786	-209	0.000		780	-207	5.40	0.000	
1833		15.92	15.92		918	-371	8.69	-81.		976	-243	0.000		968	-241	6.42	0.000	
1834		15.92	15.92		247	-37	1.20	-5.		293	-75	0.000		291	-74	1.96	0.000	
1835		15.92	15.92		581	-91	2.87	-12.		618	-119	0.000		614	-118	3.44	0.000	
1836		15.92	15.92		1024	-161	5.09	-21.		1124	-157	0.000		1116	-156	5.18	0.000	
1837		15.92	15.92		1435	-244	7.46	-35.		1586	-177	0.000		1575	-175	6.49	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1838	15.92	15.92	1734	-307	9.22	-45.	1912	-225	0.000	1898	-223	8.03	0.000
1839	15.92	15.92	440	12	1.48	111.	707	-28	0.003	756	-40	2.75	0.002
1840	15.92	15.92	1135	-55	4.18	42.	1473	-82	0.003	1488	-87	5.37	0.003
1841	15.92	15.92	1889	-127	6.80	24.	2295	-134	0.004	2280	-133	8.23	0.004
1842	15.92	15.92	2480	-195	9.09	12.	2934	-161	0.007	2915	-159	10.58	0.007
1843	15.92	15.92	2826	-236	10.48	7.	3319	-177	0.008	3296	-175	12.00	0.008
1844	15.92	15.92	964	-453	10.28	-102.	0.	-290	0.000	0.	-287	5.24	0.000
1845	15.92	15.92	942	-441	10.03	-100.	0.	-296	0.000	0.	-293	5.35	0.000
1846	15.92	15.92	886	-436	9.82	-99.	676	-368	0.000	478	-280	6.12	0.000
1847	15.92	15.92	1016	-400	9.43	-87.	1076	-265	0.000	1068	-263	7.03	0.000
1848	15.92	15.92	1897	-337	10.12	-50.	2089	-250	0.000	2075	-248	8.86	0.000
1856	15.92	15.92	1183	-493	11.47	-108.	0.	-276	0.000	0.	-274	5.01	0.000
1857	15.92	15.92	760	-469	10.15	-111.	0.	-277	0.000	0.	-275	5.02	0.000
1858	15.92	15.92	465	-429	8.81	-107.	391	-349	0.000	323	-271	5.62	0.000
1859	15.92	15.92	493	-351	7.44	-85.	614	-257	0.000	615	-249	5.83	0.000
1860	15.92	15.92	729	-327	7.50	-73.	1013	-226	0.000	1007	-224	6.19	0.000
1862	15.92	15.92	781	-95	3.37	-8.	0.	-166	0.000	0.	-179	3.27	0.000
1863	15.92	15.92	763	-14	3.01	83.	78	-131	0.000	96	-152	2.98	0.000
1864	15.92	15.92	743	58	0.00	313.	178	-99	0.000	202	-127	2.74	0.000
1865	15.92	15.92	792	-59	2.88	6.	173	-161	0.000	199	-160	3.33	0.000
1866	15.92	15.92	903	22	3.13	218.	181	-125	0.000	234	-128	2.82	0.000
1867	15.92	15.92	1009	99	0.00	487.	206	-89	0.000	284	-99	2.40	0.000
1868	15.92	15.92	645	-4	2.54	91.	149	-161	0.000	129	-146	2.94	0.000
1869	15.92	15.92	1084	78	0.80	435.	63	-132	0.000	50	-120	2.30	0.000
1871	15.92	15.92	705	53	0.26	289.	0.	-121	0.000	0.	-128	2.33	0.000
1872	15.92	15.92	1069	149	0.00	654.	0.	-106	0.000	0.	-110	2.00	0.000
1873	15.92	15.92	1561	215	0.00	948.	0.	-95	0.000	0.	-95	1.73	0.000
1874	15.92	15.92	408	72	0.00	299.	598	-87	0.000	597	-86	2.82	0.000
1875	15.92	15.92	510	125	0.00	482.	684	-74	0.000	683	-73	2.77	0.000
1876	15.92	15.92	662	154	0.00	600.	814	-73	0.000	813	-72	3.02	0.000
1877	15.92	15.92	0.	69	0.00	218.	1030	-45	0.004	1028	-45	3.84	0.004
1878	15.92	15.92	0.	89	0.00	279.	1102	-41	0.006	1101	-40	4.19	0.006
1879	15.92	15.92	0.	87	0.00	272.	1312	-49	0.006	1312	-49	4.98	0.007
1880	15.92	15.92	1111	-441	10.38	-96.	0.	-263	0.000	0.	-261	4.77	0.000
1881	15.92	15.92	997	-367	8.78	-78.	0.	-248	0.000	0.	-246	4.49	0.000
1882	15.92	15.92	790	-222	5.70	-43.	0.	-216	0.000	0.	-214	3.91	0.000
1883	15.92	15.92	731	-414	9.08	-97.	9	-262	0.000	8	-260	4.76	0.000
1884	15.92	15.92	587	-339	7.41	-80.	45	-247	0.000	44	-245	4.57	0.000
1885	15.92	15.92	558	-192	4.66	-40.	140	-206	0.000	139	-205	4.03	0.000
1886	15.92	15.92	402	-372	7.62	-93.	364	-311	0.000	303	-255	5.30	0.000
1887	15.92	15.92	270	-292	5.90	-74.	316	-271	0.000	261	-232	4.78	0.000
1888	15.92	15.92	304	-146	3.29	-33.	232	-207	0.000	197	-186	3.81	0.000
1889	15.92	15.92	396	-296	6.22	-72.	519	-246	0.000	532	-232	5.34	0.000
1890	15.92	15.92	257	-220	4.55	-54.	389	-210	0.000	383	-205	4.55	0.000
1891	15.92	15.92	327	-84	2.22	-16.	63	-158	0.000	57	-159	3.02	0.000
1892	15.92	15.92	549	-258	5.87	-58.	803	-203	0.000	798	-201	5.34	0.000
1893	15.92	15.92	387	-170	3.90	-38.	642	-172	0.000	639	-171	4.45	0.000
1894	15.92	15.92	246	-24	0.95	-1.	569	-123	0.000	567	-122	3.41	0.000
1895	15.92	15.92	1771	-186	7.10	-11.	2243	-123	0.005	2227	-122	8.08	0.005
1896	15.92	15.92	1012	-108	4.08	-7.	1631	-113	0.002	1621	-113	5.85	0.002
1897	15.92	15.92	43	16	0.00	57.	1109	-71	0.002	1104	-70	3.97	0.002
1898	15.92	15.92	1500	-130	5.61	1.	1840	-104	0.004	1827	-103	6.62	0.004
1899	15.92	15.92	1536	-138	5.74	-3.	1778	-126	0.002	1765	-125	6.38	0.002
1900	15.92	15.92	1854	-127	6.68	22.	2174	-92	0.009	2158	-91	8.08	0.009
1901	15.92	15.92	2722	-346	12.00	-33.	3176	-263	0.001	3154	-261	11.68	0.001
1903	15.92	15.92	2169	-173	7.97	10.	2601	-131	0.007	2583	-130	9.46	0.007
1904	15.92	15.92	2575	-173	9.27	34.	3052	-133	0.012	3031	-131	11.31	0.012
1905	15.92	15.92	1676	-279	8.59	-38.	2141	-219	0.000	2126	-217	8.41	0.000
1906	15.92	15.92	1920	-162	7.14	4.	2354	-107	0.008	2338	-106	8.67	0.008
1907	15.92	15.92	2038	-141	7.35	23.	2456	-97	0.011	2438	-96	9.21	0.011
2499	15.92	15.92	0.	8	0.00	26.	0.	-48	0.000	103	-50	1.12	0.000
2500	15.92	15.92	0.	3	0.00	11.	113	-59	0.000	184	-69	1.65	0.000
2501	15.92	15.92	0.	1	0.00	4.	238	-65	0.000	284	-72	1.90	0.000
2502	15.92	15.92	0.	23	0.00	73.	237	-43	0.000	300	-52	1.57	0.000
2503	15.92	15.92	0.	54	0.00	169.	94	-9	0.000	207	-23	0.85	0.000
2504	15.92	15.92	0.	53	0.00	167.	143	1	0.002	205	-16	0.75	0.000
2505	15.92	15.92	116	11	0.00	56.	91	-48	0.000	99	-42	0.98	0.000
2506	15.92	15.92	67	8	0.00	36.	139	-50	0.000	145	-61	1.41	0.000
2507	15.92	15.92	0.	4	0.00	11.	205	-51	0.000	206	-50	1.35	0.000
2508	15.92	15.92	0.	12	0.00	39.	227	-37	0.000	227	-37	1.15	0.000
2509	15.92	15.92	14	19	0.00	61.	163	-32	0.000	163	-31	0.91	0.000
2510	15.92	15.92	70	3	0.19	22.	131	-42	0.000	130	-42	1.04	0.000
2511	15.92	15.92	266	56	0.00	222.	77	-11	0.000	79	-46	1.01	0.000
2512	15.92	15.92	193	44	0.00	173.	119	-8	0.000	118	-31	0.82	0.000
2513	15.92	15.92	124	34	0.00	130.	167	-12	0.000	167	-14	0.62	0.000
2514	15.92	15.92	149	7	0.37	49.	173	-17	0.000	173	-16	0.66	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2515		15.92	15.92		102	-14	0.47	-2.		88	-39	0.000		87	-38	0.88	0.000	
2516		15.92	15.92		114	-31	0.81	-6.		42	-75	0.000		41	-74	1.44	0.000	
2518		15.92	15.92		242	14	0.48	86.		131	-16	0.000		132	-15	0.56	0.000	
2519		15.92	15.92		212	6	0.70	55.		160	-4	0.001		160	-4	0.63	0.001	
2520		15.92	15.92		223	-25	0.92	-2.		130	-4	0.001		130	-4	0.50	0.001	
2521		15.92	15.92		167	-21	0.73	-2.		0.	-37	0.000		0.	-37	0.67	0.000	
2525		15.92	15.92		405	-15	1.53	23.		67	5	0.003		36	11	0.00	0.006	
2526		15.92	15.92		224	-32	1.05	-4.		109	20	0.011		92	29	0.00	0.015	
2527		15.92	15.92		309	-64	1.81	-11.		0.	-39	0.000		0.	-39	0.72	0.000	
2528		15.92	15.92		255	-51	1.47	-8.		95	2	0.002		81	5	0.15	0.003	
2530		15.92	15.92		1209	27	4.27	282.		888	-24	0.006		592	50	0.00	0.032	
2531		15.92	15.92		1214	27	4.27	285.		892	-23	0.007		591	58	0.00	0.035	
2534		15.92	15.92		1011	-6	3.98	144.		0.	-134	0.000		0.	-133	2.42	0.000	
2535		15.92	15.92		1058	49	2.80	334.		694	-12	0.007		661	-11	2.61	0.006	
2536		15.92	15.92		2554	-94	9.72	152.		1437	-162	0.000		326	-233	4.94	0.000	
2653		15.92	15.92		408	31	0.14	168.		141	-44	0.000		141	-43	1.07	0.000	
2654		15.92	15.92		322	19	0.64	114.		112	-9	0.000		112	-9	0.41	0.000	
2655		15.92	15.92		300	18	0.55	108.		60	-36	0.000		60	-35	0.76	0.000	
2657		15.92	15.92		572	-14	2.24	50.		203	-42	0.000		183	-41	1.13	0.000	
2658		15.92	15.92		509	-26	1.86	16.		155	-2	0.002		111	2	0.39	0.003	
2659		15.92	15.92		433	-13	1.68	32.		216	-31	0.000		122	-10	0.45	0.000	
2661		15.92	15.92		1179	90	0.22	488.		731	-80	0.000		671	-80	2.86	0.000	
2664		15.92	15.92		1191	94	0.00	503.		734	-87	0.000		672	-87	2.98	0.000	
2669		15.92	15.92		1167	33	3.92	296.		825	-25	0.005		485	-59	2.09	0.000	
2676		15.92	15.92		161	-68	1.57	-15.		0.	-119	0.000		0.	-118	2.16	0.000	
2677		15.92	15.92		183	-44	1.19	-8.		0.	-87	0.000		0.	-86	1.58	0.000	
2681		15.92	15.92		365	-15	1.37	17.		0.	-104	0.000		0.	-104	1.90	0.000	
2685		15.92	15.92		1185	34	3.97	301.		855	-22	0.006		526	-2	2.06	0.007	
3885		15.92	15.92		1088	201	0.00	823.		10	-39	0.000		183	-88	1.98	0.000	
3887		15.92	15.92		1665	163	0.00	804.		0.	-79	0.000		0.	-78	1.43	0.000	
3888		15.92	15.92		1322	132	0.00	647.		49	-102	0.000		48	-102	1.96	0.000	
3889		15.92	15.92		1624	-47	6.30	127.		403	-130	0.000		0.	-176	3.20	0.000	
3890		15.92	15.92		616	-29	2.28	24.		0.	-148	0.000		0.	-147	2.68	0.000	
3891		15.92	15.92		174	-84	1.89	-19.		0.	-186	0.000		0.	-184	3.37	0.000	
3892		15.92	15.92		761	-72	2.91	-3.		0.	-201	0.000		0.	-199	3.64	0.000	
3893		15.92	15.92		264	-99	2.35	-21.		0.	-197	0.000		0.	-195	3.56	0.000	
4218		15.92	15.92		2997	-263	11.27	1.		1880	-271	0.000		772	-282	6.77	0.000	
4219		15.92	15.92		3218	-346	13.04	-22.		2122	-323	0.000		1034	-305	7.73	0.000	
4220		15.92	15.92		3290	-419	14.53	-41.		2254	-364	0.000		1226	-314	8.29	0.000	
4221		15.92	15.92		3244	-434	14.70	-46.		2279	-368	0.000		1320	-305	8.33	0.000	
4222		15.92	15.92		3113	-371	13.28	-31.		2260	-316	0.000		1411	-263	7.75	0.000	
4223		15.92	15.92		2843	-452	14.19	-59.		1992	-361	0.000		1149	-272	7.37	0.000	
4224		15.92	15.92		2588	-476	14.11	-72.		1721	-381	0.000		861	-288	7.06	0.000	
4225		15.92	15.92		2156	-431	12.38	-69.		1334	-357	0.000		522	-286	6.31	0.000	
4226		15.92	15.92		1635	-319	9.23	-50.		892	-292	0.000		255	-256	5.21	0.000	
4227		15.92	15.92		2310	-255	9.48	-18.		1363	-276	0.000		422	-302	6.40	0.000	
4228		15.92	15.92		546	-361	7.73	-86.		68	-311	0.000		68	-310	5.80	0.000	
4229		15.92	15.92		0.	-443	8.08	-121.		0.	-293	0.000		0.	-291	5.31	0.000	
4230		15.92	15.92		0.	-235	4.30	-64.		0.	-428	0.000		0.	-278	5.07	0.000	
4235		35.81	35.81		23234	-90	61.63	1610.		21983	-69	0.112		20918	-50	55.13	0.107	
4237		15.92	15.92		2209	-308	10.24	-35.		1356	-303	0.000		507	-302	6.57	0.000	
4238		15.92	15.92		481	-382	7.99	-94.		99	-310	0.000		99	-308	5.83	0.000	
4239		15.92	15.92		0.	-452	8.24	-124.		0.	-311	0.000		0.	-302	5.52	0.000	
4240		15.92	15.92		0.	-312	5.70	-85.		0.	-461	0.000		0.	-313	5.71	0.000	
4241		20.89	20.89		0.	-269	4.77	-72.		0.	-418	0.000		0.	-460	8.17	0.000	
4242		35.81	35.81		0.	-296	4.88	-73.		0.	-314	0.000		0.	-343	5.65	0.000	
4244		35.81	35.81		10208	-134	28.01	585.		9821	-87	0.037		9605	-44	25.56	0.039	
4245		35.81	35.81		23743	-122	63.30	1606.		22724	-86	0.115		21898	-52	57.71	0.114	
4247		15.92	15.92		2046	-392	11.43	-61.		1331	-344	0.000		620	-300	6.78	0.000	
4248		15.92	15.92		366	-426	8.55	-109.		109	-307	0.000		109	-305	5.80	0.000	
4249		15.92	15.92		0.	-466	8.51	-128.		0.	-348	0.000		0.	-318	5.81	0.000	
4250		15.92	15.92		0.	-435	7.94	-119.		0.	-460	0.000		0.	-365	6.66	0.000	
4251		20.89	20.89		0.	-369	6.55	-98.		0.	-470	0.000		0.	-479	8.51	0.000	
4252		35.81	35.81		0.	-392	6.46	-97.		0.	-416	0.000		0.	-451	7.42	0.000	
4254		35.81	35.81		10958	-36	28.99	768.		10737	-23	0.045		10640	-3	27.78	0.047	
4255		35.81	35.81		23812	-64	62.83	1688.		22809	-42	0.122		21999	-23	57.62	0.118	
4257		15.92	15.92		1862	-443	11.98	-79.		1260	-374	0.000		660	-309	7.02	0.000	
4258		15.92	15.92		195	-433	8.31	-114.		15	-318	0.000		16	-317	5.82	0.000	
4259		15.92	15.92		0.	-465	8.48	-127.		0.	-390	0.000		0.	-346	6.32	0.000	
4260		15.92	15.92		0.	-518	9.46	-142.		0.	-460	0.000		0.	-405	7.39	0.000	
4261		20.89	20.89		0.	-482	8.57	-129.		0.	-481	0.000		0.	-483	8.59	0.000	
4262		35.81	35.81		0.	-449	7.39	-111.		0.	-480	0.000		0.	-508	8.37	0.000	
4264		35.81	35.81		12105	-149	33.12	706.		11997	32	0.057		11960	34	30.73	0.057	
4265		35.81	35.81		23370	-245	63.57	1417.		22382	-185	0.100		21582	0.	56.25	0.118	
4267		15.92	15.92		1696	-439	11.56	-82.		1153	-370	0.000		611	-305	6.85	0.000	
4268		15.92	15.92		0.	-420	7.67	-115.		0.	-326	0.000		0.	-325	5.92	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4269		15.92	15.92		0.	-453	8.28	-124.		0.	-416	0.000		0.	-364	6.64	0.000
4270		15.92	15.92		0.	-481	8.79	-132.		0.	-449	0.000		0.	-420	7.67	0.000
4271		20.89	20.89		0.	-458	8.13	-122.		0.	-468	0.000		0.	-482	8.57	0.000
4272		35.81	35.81		0.	-425	6.99	-105.		0.	-475	0.000		0.	-518	8.53	0.000
4274		35.81	35.81		12627	-106	34.10	800.		12626	57	0.063		12582	58	32.02	0.062
4275		35.81	35.81		22744	-209	61.59	1417.		21700	-142	0.100		20910	24	54.19	0.118
4277		15.92	15.92		1583	-399	10.59	-73.		1003	-341	0.000		465	-287	6.20	0.000
4278		15.92	15.92		0.	-400	7.31	-110.		0.	-326	0.000		0.	-325	5.93	0.000
4279		15.92	15.92		0.	-438	8.00	-120.		0.	-409	0.000		0.	-372	6.80	0.000
4280		15.92	15.92		0.	-446	8.14	-122.		0.	-434	0.000		0.	-426	7.78	0.000
4281		20.89	20.89		0.	-423	7.52	-113.		0.	-448	0.000		0.	-478	8.49	0.000
4282		35.81	35.81		0.	-390	6.42	-96.		0.	-451	0.000		0.	-506	8.34	0.000
4284		35.81	35.81		12616	-54	33.52	868.		12693	86	0.068		12648	86	31.78	0.068
4285		35.81	35.81		22342	-158	60.03	1454.		21326	-82	0.105		20489	57	52.66	0.120
4287		15.92	15.92		1969	-515	13.52	-97.		1389	-403	0.000		815	-291	7.01	0.000
4288		15.92	15.92		1025	-504	11.34	-115.		450	-360	0.000		332	-312	6.40	0.000
4289		15.92	15.92		0.	-472	8.62	-129.		0.	-432	0.000		0.	-333	6.08	0.000
4290		15.92	15.92		0.	-414	7.56	-113.		0.	-421	0.000		0.	-354	6.46	0.000
4291		20.89	20.89		0.	-327	5.82	-87.		0.	-394	0.000		0.	-377	6.70	0.000
4292		35.81	35.81		0.	-232	3.82	-57.		0.	-358	0.000		0.	-403	6.64	0.000
4294		35.81	35.81		7999	153	18.39	808.		8356	220	0.065		8302	218	17.84	0.065
4295		35.81	35.81		15478	-3	40.38	1149.		14710	122	0.090		14068	205	33.56	0.101
4297		15.92	15.92		1888	-514	13.34	-98.		1303	-400	0.000		724	-289	6.79	0.000
4298		15.92	15.92		1131	-531	12.06	-120.		594	-371	0.000		399	-298	6.28	0.000
4299		15.92	15.92		181	-496	9.43	-132.		30	-445	0.000		0.	-310	5.67	0.000
4300		15.92	15.92		0.	-434	7.93	-119.		0.	-432	0.000		0.	-327	5.97	0.000
4301		20.89	20.89		0.	-336	5.98	-90.		0.	-399	0.000		0.	-350	6.22	0.000
4302		35.81	35.81		0.	-221	3.64	-55.		0.	-352	0.000		0.	-381	6.28	0.000
4304		35.81	35.81		6593	130	15.08	672.		6763	220	0.059		6579	208	13.29	0.056
4305		35.81	35.81		12665	-39	33.48	891.		12081	104	0.067		11582	222	26.64	0.086
4307		15.92	15.92		1696	-467	12.07	-90.		1123	-372	0.000		555	-280	6.27	0.000
4308		15.92	15.92		1140	-530	12.06	-119.		670	-363	0.000		383	-273	5.79	0.000
4309		15.92	15.92		398	-514	10.21	-132.		180	-443	0.000		16	-273	5.01	0.000
4310		15.92	15.92		0.	-472	8.61	-129.		0.	-454	0.000		0.	-283	5.17	0.000
4311		20.89	20.89		0.	-390	6.93	-104.		0.	-433	0.000		0.	-295	5.25	0.000
4312		35.81	35.81		0.	-278	4.57	-69.		0.	-388	0.000		0.	-315	5.18	0.000
4314		35.81	35.81		5931	108	13.74	591.		5539	188	0.049		4856	154	9.80	0.041
4315		35.81	35.81		9919	-57	26.52	662.		9278	114	0.055		8936	220	19.53	0.068
4320		15.92	15.92		0.	-480	8.77	-132.		0.	-405	0.000		0.	-208	3.81	0.000
4321		20.89	20.89		0.	-421	7.48	-112.		0.	-449	0.000		0.	-200	3.55	0.000
4322		35.81	35.81		0.	-333	5.48	-82.		0.	-415	0.000		0.	-204	3.35	0.000
4324		35.81	35.81		5022	76	11.92	479.		4356	170	0.042		3448	121	6.64	0.031
4325		35.81	35.81		7619	-90	20.81	450.		6971	99	0.043		6776	219	13.56	0.059
4330		15.92	15.92		3157	-315	12.34	-15.		2364	-271	0.000		1578	-229	7.48	0.000
4333		15.92	15.92		3135	-320	12.39	-17.		2362	-272	0.000		1597	-227	7.48	0.000
4334		15.92	15.92		3072	-395	13.62	-39.		2270	-325	0.000		1476	-258	7.80	0.000
4335		15.92	15.92		2956	-438	14.17	-53.		2124	-350	0.000		1299	-265	7.55	0.000
4336		15.92	15.92		1760	-370	10.43	-62.		1197	-320	0.000		593	-273	6.22	0.000
4337		15.92	15.92		7	-395	7.22	-108.		0.	-325	0.000		0.	-324	5.91	0.000
4338		15.92	15.92		0.	-428	7.81	-117.		0.	-401	0.000		0.	-375	6.85	0.000
4339		15.92	15.92		0.	-419	7.64	-115.		0.	-421	0.000		0.	-426	7.78	0.000
4340		20.89	20.89		0.	-389	6.91	-104.		0.	-429	0.000		0.	-472	8.39	0.000
4341		35.81	35.81		0.	-349	5.75	-86.		0.	-426	0.000		0.	-485	7.98	0.000
4343		35.81	35.81		12121	-2	31.61	900.		12264	114	0.070		12220	115	30.21	0.070
4344		35.81	35.81		21496	-120	57.42	1442.		20511	-34	0.106		19696	78	50.30	0.119
4346		15.92	15.92		1871	-379	10.83	-62.		1317	-327	0.000		766	-277	6.66	0.000
4347		15.92	15.92		352	-407	8.16	-103.		0.	-329	0.000		0.	-328	5.99	0.000
4348		15.92	15.92		0.	-422	7.70	-115.		0.	-398	0.000		0.	-378	6.90	0.000
4349		15.92	15.92		0.	-400	7.30	-109.		0.	-410	0.000		0.	-425	7.76	0.000
4350		20.89	20.89		0.	-358	6.36	-95.		0.	-410	0.000		0.	-448	7.96	0.000
4351		35.81	35.81		0.	-308	5.06	-76.		0.	-401	0.000		0.	-462	7.61	0.000
4353		35.81	35.81		11237	50	28.63	904.		11457	147	0.070		11416	147	27.57	0.070
4354		35.81	35.81		20411	-69	54.02	1428.		19439	27	0.107		18630	117	46.96	0.118
4356		15.92	15.92		1962	-440	12.13	-76.		1399	-370	0.000		840	-302	7.27	0.000
4357		15.92	15.92		707	-451	9.70	-107.		144	-346	0.000		144	-344	6.58	0.000
4358		15.92	15.92		0.	-442	8.07	-121.		0.	-413	0.000		0.	-372	6.80	0.000
4359		15.92	15.92		0.	-402	7.33	-110.		0.	-414	0.000		0.	-395	7.21	0.000
4360		20.89	20.89		0.	-340	6.05	-91.		0.	-401	0.000		0.	-415	7.38	0.000
4361		35.81	35.81		0.	-272	4.49	-67.		0.	-381	0.000		0.	-434	7.14	0.000
4363		35.81	35.81		10070	108	24.68	899.		10373	184	0.069		10336	184	24.04	0.069
4364		35.81	35.81		18709	-17	48.97	1371.		17787	90	0.107		17015	160	42.06	0.114
4366		15.92	15.92		1980	-488	13.05	-89.		1407	-404	0.000		839	-295	7.14	0.000
4367		15.92	15.92		907	-483	10.71	-112.		331	-353	0.000		263	-324	6.46	0.000
4368		15.92	15.92		0.	-459	8.38	-126.		0.	-424	0.000		0.	-349	6.36	0.000
4369		15.92	15.92		0.	-407	7.43	-111.		0.	-417	0.000		0.	-371	6.77	0.000
4370		20.89	20.89		0.	-330	5.87	-88.		0.	-396	0.000		0.	-393	6.99	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4371		35.81	35.81		0.	-247	4.07	-61.		0.	-367	0.000		0.	-416	6.85	0.000
4373		35.81	35.81		8894	141	21.01	857.		9254	207	0.067		9221	207	20.58	0.067
4374		35.81	35.81		16959	-5	44.27	1256.		16109	112	0.098		15394	185	37.40	0.107
4379		15.92	15.92		1179	-167	5.52	-19.		613	-193	0.000		151	-209	4.12	0.000
4385		15.92	15.92		163	-430	8.19	-114.		9	-272	0.000		0.	-133	2.43	0.000
4386		20.89	20.89		0.	-381	6.77	-101.		0.	-318	0.000		0.	-100	1.77	0.000
4387		35.81	35.81		0.	-280	4.61	-69.		0.	-366	0.000		0.	-78	1.29	0.000
4389		35.81	35.81		0.	-196	3.22	-48.		0.	-310	0.000		0.	-75	1.24	0.000
4390		15.92	15.92		911	-59	3.28	14.		467	-122	0.000		129	-175	3.46	0.000
4391		15.92	15.92		718	13	2.60	159.		365	-77	0.000		154	-153	3.11	0.000
4392		15.92	15.92		1047	-122	4.41	-10.		636	-150	0.000		226	-180	3.76	0.000
4394		15.92	15.92		896	-155	4.70	-22.		540	-154	0.000		185	-154	3.21	0.000
4396		15.92	15.92		680	-239	5.78	-50.		327	-153	0.000		100	-125	2.48	0.000
4398		15.92	15.92		281	-337	6.73	-86.		83	-161	0.000		0.	-81	1.49	0.000
4399		15.92	15.92		460	-184	4.33	-40.		187	-40	0.000		23	-27	0.54	0.000
4400		20.89	20.89		312	-338	6.63	-83.		164	-185	0.000		51	-27	0.58	0.000
4401		20.89	20.89		384	-280	5.75	-66.		182	-34	0.000		27	46	0.00	0.014
4402		35.81	35.81		88	-222	3.81	-53.		48	-324	0.000		9	20	0.00	0.003
4404		35.81	35.81		0.	-128	2.11	-32.		0.	-255	0.000		328	34	0.00	0.006
4405		35.81	35.81		0.	-32	0.53	-8.		0.	-186	0.000		494	128	0.00	0.021
5414		35.81	35.81		11625	-276	32.76	516.		10766	-155	0.035		9994	16	25.84	0.046
5415		35.81	35.81		1976	-62	5.65	71.		1398	-70	0.002		1124	31	2.38	0.009
5417		35.81	35.81		10668	-214	29.82	521.		9682	-114	0.034		8773	13	22.70	0.040
5418		35.81	35.81		4882	-7	12.81	354.		4389	-109	0.011		3947	73	9.12	0.027
5420		35.81	35.81		9315	-137	25.67	516.		8015	-73	0.030		6775	-12	17.80	0.029
5421		35.81	35.81		5727	-68	15.65	337.		5087	-28	0.020		4413	30	11.09	0.023
5423		35.81	35.81		7737	80	19.02	685.		6227	53	0.034		5119	-13	13.50	0.022
5424		35.81	35.81		5350	-70	14.67	307.		4364	-50	0.015		3378	-2	8.83	0.015
5427		35.81	35.81		5000	-6	13.10	365.		3686	-11	0.015		2258	-6	5.96	0.009
5432		35.81	35.81		0.	-190	3.12	-47.		0.	-82	0.000		0.	-54	0.89	0.000
5435		35.81	35.81		0.	-143	2.35	-35.		0.	-37	0.000		0.	-12	0.19	0.000
5437		35.81	35.81		10357	285	21.96	1170.		9797	45	0.049		9551	2	24.86	0.042
5438		35.81	35.81		9526	286	19.63	1110.		8939	75	0.049		8760	-7	22.92	0.038
5439		35.81	35.81		8387	428	11.94	1235.		7915	102	0.048		7827	37	19.90	0.039
5441		35.81	35.81		12929	81	32.59	1073.		12210	-20	0.052		11761	-37	31.10	0.049
5442		35.81	35.81		11610	156	27.93	1079.		10928	22	0.051		10575	-30	27.92	0.044
5443		35.81	35.81		10936	241	24.50	1150.		10341	27	0.049		10042	-6	26.25	0.044
5445		35.81	35.81		16304	-85	43.49	1101.		15400	-77	0.063		14666	-53	38.86	0.060
5446		35.81	35.81		15136	-42	39.96	1071.		14333	-44	0.060		13713	-60	36.45	0.056
5447		35.81	35.81		14183	-14	37.14	1037.		13394	-51	0.055		12857	-56	34.18	0.052
5449		35.81	35.81		18400	-161	49.74	1158.		17321	-114	0.072		16388	-31	43.10	0.076
5450		35.81	35.81		17495	-128	47.05	1133.		16492	-94	0.068		15629	-44	41.27	0.069
5451		35.81	35.81		16975	-118	45.58	1108.		16015	-90	0.065		15194	-52	40.23	0.064
5453		35.81	35.81		21289	-263	58.26	1241.		20023	-187	0.082		18925	-42	49.84	0.093
5454		35.81	35.81		20246	-211	55.05	1230.		18990	-145	0.080		17892	-32	47.02	0.087
5455		35.81	35.81		19364	-199	52.64	1180.		18065	-142	0.074		16915	-39	44.56	0.079
5457		35.81	35.81		23280	-37	61.13	1684.		22011	-39	0.116		20928	-42	55.06	0.108
5458		35.81	35.81		21768	-279	59.66	1256.		20546	-10	0.109		19497	-31	51.20	0.099
5459		35.81	35.81		22158	-280	60.70	1283.		20894	-9	0.112		19807	-42	52.13	0.099
6395		35.81	35.81		12316	-128	33.49	748.		11562	-84	0.044		10897	-41	28.89	0.045
6397		35.81	35.81		5924	-152	16.76	250.		5456	-103	0.016		5049	-59	13.79	0.018
6398		35.81	35.81		10506	-57	28.04	707.		9740	-30	0.041		9054	-4	23.65	0.040
6399		35.81	35.81		11973	-162	32.89	680.		11319	-110	0.041		10748	-58	28.69	0.043
6400		35.81	35.81		9523	-128	26.15	542.		8968	-75	0.034		8526	-33	22.61	0.035
6401		35.81	35.81		5389	-189	15.49	172.		5079	-125	0.013		4806	-79	13.32	0.015
6563		35.81	35.81		0.	-93	1.53	-23.		0.	-64	0.000		0.	-45	0.74	0.000
6564		35.81	35.81		0.	-148	2.43	-36.		0.	-170	0.000		0.	-203	3.34	0.000
6565		35.81	35.81		0.	-103	1.69	-25.		0.	-79	0.000		0.	-60	0.99	0.000
6567		35.81	35.81		0.	-24	0.40	-6.		0.	-99	0.000		623	-180	4.08	0.000
6568		15.92	15.92		0.	-210	3.84	-58.		0.	-387	0.000		0.	-455	8.31	0.000
6569		15.92	15.92		0.	-140	2.56	-38.		0.	-366	0.000		0.	-348	6.35	0.000
6571		15.92	15.92		2638	-138	9.62	79.		1539	-192	0.000		446	-250	5.49	0.000
6572		15.92	15.92		2700	-198	9.79	22.		1586	-226	0.000		541	-253	5.75	0.000
6573		15.92	15.92		2139	-121	7.74	51.		963	-179	0.000		182	-216	4.33	0.000
6575		35.81	35.81		0.	-266	4.38	-66.		0.	-379	0.000		0.	-217	3.58	0.000
6576		35.81	35.81		0.	-227	3.73	-56.		0.	-363	0.000		0.	-337	5.55	0.000
6577		35.81	35.81		0.	-157	2.58	-39.		0.	-326	0.000		0.	-407	6.70	0.000
6581		35.81	35.81		0.	-181	2.97	-45.		0.	-339	0.000		0.	-426	7.02	0.000
6582		35.81	35.81		0.	-177	2.92	-44.		0.	-337	0.000		0.	-423	6.96	0.000
6584		35.81	35.81		0.	-199	3.27	-49.		0.	-349	0.000		0.	-435	7.16	0.000
6590		35.81	35.81		0.	-266	4.38	-66.		0.	-233	0.000		0.	-239	3.94	0.000
6591		35.81	35.81		0.	-146	2.41	-36.		36	-78	0.000		284	-55	1.41	0.000
6599		35.81	35.81		657	182	0.00	305.		4238	250	0.053		5548	198	10.62	0.050
6600		35.81	35.81		0.	-46	0.76	-11.		1069	96	0.018		4060	61	9.65	0.026
6601		35.81	35.81		0.	-151	2.48	-37.		0.	40	0.006		3094	-8	8.17	0.013
6604		35.81	35.81		3351	196	3.75	531.		6136	227	0.057		6283	219	12.17	0.056

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6605		35.81	35.81		3881	177	6.26	541.		6436	223	0.058		6548	215	13.01	0.057	
6606		35.81	35.81		4762	176	8.94	603.		6820	215	0.058		6794	216	13.70	0.058	
6607		35.81	35.81		0.	-192	3.16	-47.		0.	-91	0.000		0.	-65	1.06	0.000	
6608		35.81	35.81		0.	-98	1.62	-24.		0.	-56	0.000		0.	-47	0.77	0.000	
6731		35.81	35.81		3080	-155	9.04	56.		4227	21	0.021		4330	33	10.83	0.023	
6732		35.81	35.81		3257	-141	9.47	78.		4517	35	0.024		4619	43	11.42	0.026	
6734		35.81	35.81		1387	-16	3.79	82.		2523	-8	0.011		2762	13	7.03	0.014	
6736		35.81	35.81		0.	-406	6.68	-100.		0.	-408	0.000		0.	-426	7.01	0.000	
6737		35.81	35.81		0.	-401	6.60	-99.		0.	-396	0.000		0.	-408	6.72	0.000	
6738		35.81	35.81		0.	-358	5.90	-89.		0.	-347	0.000		0.	-360	5.93	0.000	
6740		35.81	35.81		0.	-430	7.08	-106.		0.	-462	0.000		0.	-479	7.88	0.000	
6741		35.81	35.81		0.	-432	7.11	-107.		0.	-464	0.000		0.	-477	7.85	0.000	
6742		35.81	35.81		0.	-428	7.04	-106.		0.	-432	0.000		0.	-450	7.41	0.000	
6743		35.81	35.81		4790	-90	13.35	241.		6062	66	0.035		6040	66	14.78	0.035	
6744		35.81	35.81		4859	-83	13.48	254.		6157	69	0.036		6134	70	14.97	0.036	
6746		35.81	35.81		3952	-122	11.28	144.		5281	50	0.029		5302	53	13.06	0.030	
6747		35.81	35.81		5411	-49	14.65	338.		6695	86	0.040		6670	87	16.10	0.040	
6748		35.81	35.81		5268	-46	14.24	332.		6636	89	0.040		6611	90	15.88	0.040	
6750		35.81	35.81		5086	-72	14.00	285.		6396	74	0.037		6373	75	15.51	0.037	
6752		35.81	35.81		0.	-388	6.38	-96.		0.	-462	0.000		0.	-502	8.27	0.000	
6753		35.81	35.81		0.	-401	6.61	-99.		0.	-472	0.000		0.	-503	8.28	0.000	
6754		35.81	35.81		0.	-411	6.77	-101.		0.	-479	0.000		0.	-492	8.09	0.000	
6756		35.81	35.81		0.	-341	5.61	-84.		0.	-433	0.000		0.	-500	8.22	0.000	
6757		35.81	35.81		0.	-363	5.97	-90.		0.	-447	0.000		0.	-507	8.34	0.000	
6758		35.81	35.81		0.	-372	6.13	-92.		0.	-452	0.000		0.	-505	8.31	0.000	
6759		35.81	35.81		5818	0.	15.16	433.		7094	114	0.046		7068	115	16.64	0.046	
6760		35.81	35.81		5783	9	14.96	443.		7133	121	0.047		7107	121	16.63	0.047	
6762		35.81	35.81		5456	-31	14.58	365.		6766	98	0.042		6741	98	16.08	0.042	
6763		35.81	35.81		6037	51	15.01	520.		7369	144	0.051		7341	144	16.81	0.051	
6764		35.81	35.81		5930	56	14.67	518.		7318	147	0.051		7291	148	16.60	0.051	
6766		35.81	35.81		5851	25	14.91	470.		7222	130	0.048		7195	130	16.69	0.048	
6768		35.81	35.81		0.	-305	5.01	-75.		0.	-412	0.000		0.	-487	8.01	0.000	
6769		35.81	35.81		0.	-317	5.22	-78.		0.	-419	0.000		0.	-493	8.12	0.000	
6770		35.81	35.81		0.	-326	5.36	-80.		0.	-424	0.000		0.	-495	8.15	0.000	
6771		35.81	35.81		5983	102	13.99	587.		7391	174	0.055		7363	174	16.24	0.055	
6772		35.81	35.81		5745	111	13.19	581.		7234	180	0.055		7207	180	15.69	0.055	
6774		35.81	35.81		5930	77	14.31	548.		7344	160	0.053		7317	161	16.41	0.053	
6776		35.81	35.81		0.	-255	4.19	-63.		0.	-383	0.000		0.	-463	7.61	0.000	
6777		35.81	35.81		0.	-273	4.49	-67.		0.	-393	0.000		0.	-474	7.80	0.000	
6778		35.81	35.81		0.	-287	4.73	-71.		0.	-402	0.000		0.	-480	7.90	0.000	
6779		35.81	35.81		5503	157	11.52	630.		7080	203	0.058		7054	204	14.72	0.057	
6780		35.81	35.81		4833	156	9.67	580.		6846	206	0.057		6821	207	14.00	0.057	
6782		35.81	35.81		5637	133	12.44	605.		7182	191	0.056		7156	191	15.29	0.056	
6784		35.81	35.81		0.	-208	3.42	-51.		0.	-355	0.000		0.	-438	7.21	0.000	
6785		35.81	35.81		0.	-226	3.72	-56.		0.	-365	0.000		0.	-447	7.37	0.000	
6786		35.81	35.81		0.	-242	3.98	-60.		0.	-375	0.000		0.	-453	7.46	0.000	
8094		35.81	35.81		6959	485	3.81	1216.		5602	286	0.063		4186	29	10.52	0.022	
8095		35.81	35.81		6823	172	14.82	748.		5379	110	0.038		4069	-23	10.87	0.016	
8096		35.81	35.81		4702	343	1.59	843.		3331	67	0.023		2422	2	6.29	0.011	
8709		15.92	15.92		682	-64	2.60	-2.		332	-47	0.000		75	-76	1.55	0.000	
8711		15.92	15.92		659	-99	3.18	-12.		338	-82	0.000		86	-91	1.84	0.000	
8712		15.92	15.92		758	-139	4.12	-21.		357	-84	0.000		112	-89	1.87	0.000	
8713		15.92	15.92		851	-55	3.06	13.		502	-88	0.000		154	-122	2.55	0.000	
8714		15.92	15.92		932	-27	3.61	72.		569	-88	0.000		207	-150	3.16	0.000	
8715		35.81	35.81		158	-148	2.73	-34.		73	-187	0.000		0.	111	0.00	0.017	
8716		15.92	15.92		2699	-134	9.90	93.		1528	-187	0.000		363	-245	5.22	0.000	
8718		15.92	15.92		2221	-123	8.05	57.		1079	-178	0.000		203	-219	4.42	0.000	
8774		35.81	35.81		4264	3	11.08	321.		3423	32	0.019		2449	19	6.11	0.013	
8775		35.81	35.81		0.	70	0.00	98.		1782	81	0.019		2464	33	5.93	0.015	
8776		35.81	35.81		4032	-53	11.06	231.		3521	6	0.016		2857	8	7.35	0.014	
8777		35.81	35.81		2889	-94	8.27	100.		3093	53	0.020		3021	93	6.17	0.025	
8778		35.81	35.81		0.	36	0.00	50.		2447	57	0.018		2907	39	6.98	0.018	
8779		35.81	35.81		1447	67	2.31	202.		3401	208	0.044		3392	207	3.41	0.043	
8780		35.81	35.81		978	-115	3.65	-9.		1446	156	0.029		1793	166	0.00	0.031	
8781		35.81	35.81		2469	18	6.19	208.		3420	269	0.053		3707	283	0.26	0.056	
8782		35.81	35.81		0.	-125	2.06	-31.		0.	174	0.027		588	193	0.00	0.031	
8784		35.81	35.81		1488	-46	4.25	54.		2705	181	0.037		3550	273	0.05	0.054	
8786		35.81	35.81		0.	-175	2.88	-43.		0.	-71	0.000		631	46	0.22	0.009	
8788		35.81	35.81		0.	-112	1.84	-28.		994	-71	0.000		2215	-54	6.25	0.006	
8789		35.81	35.81		0.	-122	2.00	-30.		1230	30	0.009		2510	188	0.50	0.037	
9497		15.92	15.92		1256	-342	8.86	-65.		799	-293	0.000		344	-246	5.22	0.000	
9499		15.92	15.92		1392	-359	9.47	-67.		865	-306	0.000		341	-254	5.35	0.000	
9500		15.92	15.92		1470	-384	10.08	-72.		936	-319	0.000		405	-258	5.55	0.000	
9501		15.92	15.92		1120	-243	6.78	-41.		693	-229	0.000		269	-216	4.51	0.000	
9502		15.92	15.92		1155	-191	5.90	-26.		707	-194	0.000		261	-199	4.19	0.000	
9503		15.92	15.92		1197	-264	7.31	-45.		729	-243	0.000		263	-226	4.67	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9505		15.92	15.92		900	-396	9.11	-88.		565	-308	0.000		247	-231	4.73	0.000	
9507		15.92	15.92		1048	-417	9.79	-90.		669	-328	0.000		292	-243	5.04	0.000	
9508		15.92	15.92		1084	-444	10.36	-97.		682	-336	0.000		316	-244	5.11	0.000	
9509		15.92	15.92		869	-295	7.19	-61.		537	-245	0.000		206	-198	4.04	0.000	
9510		15.92	15.92		958	-237	6.34	-43.		591	-208	0.000		226	-180	3.75	0.000	
9511		15.92	15.92		960	-314	7.74	-64.		597	-262	0.000		236	-211	4.35	0.000	
9513		15.92	15.92		470	-380	7.92	-94.		207	-246	0.000		22	-170	3.15	0.000	
9514		15.92	15.92		691	-336	7.58	-76.		351	-222	0.000		123	-156	3.10	0.000	
9515		15.92	15.92		704	-389	8.56	-91.		400	-279	0.000		137	-187	3.70	0.000	
9517		15.92	15.92		369	-505	9.98	-130.		137	-328	0.000		0.	-210	3.83	0.000	
9519		15.92	15.92		677	-491	10.37	-119.		380	-346	0.000		140	-225	4.41	0.000	
9520		15.92	15.92		541	-506	10.37	-126.		251	-363	0.000		79	-231	4.38	0.000	
9521		35.81	35.81		0.	-185	3.05	-46.		0.	78	0.012		0.	95	0.00	0.015	
9523		35.81	35.81		0.	-209	3.43	-52.		0.	-124	0.000		0.	46	0.00	0.007	
9524		35.81	35.81		0.	-206	3.39	-51.		0.	-13	0.000		0.	118	0.00	0.018	

ARMATURA SUPERIORE ORIZZONTALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE								
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
1815		16.25	16.25		0.	-45	0.82	-12.		340	-8	0.003		390	-15	1.47	0.002	
1816		16.25	16.25		0.	-71	1.30	-19.		282	-15	0.001		342	-13	1.29	0.002	
1817		16.25	16.25		0.	-84	1.53	-23.		79	-11	0.000		261	-6	1.02	0.002	
1818		16.25	16.25		0.	-79	1.45	-22.		2	-43	0.000		185	-22	0.02	0.000	
1820		16.25	16.25		66	-56	0.89	-17.		443	-37	0.000		445	-37	1.65	0.000	
1821		16.25	16.25		0.	-69	1.26	-19.		301	-42	0.000		327	-45	0.14	0.000	
1822		16.25	16.25		0.	-5	0.08	-1.		151	-33	0.000		224	-41	0.27	0.000	
1823		16.25	16.25		0.	-1	0.03	0.		108	-19	0.000		172	-26	0.11	0.000	
1824		16.25	16.25		620	-2	2.41	93.		670	-14	0.005		666	-15	2.60	0.005	
1825		16.25	16.25		172	-7	0.64	8.		442	-40	0.000		441	-41	0.18	0.000	
1826		16.25	16.25		0.	-14	0.25	-4.		190	-48	0.000		229	-48	0.39	0.000	
1827		16.25	16.25		0.	-24	0.44	-7.		0.	-45	0.000		79	-29	0.37	0.000	
1828		16.25	16.25		0.	-23	0.42	-6.		0.	-36	0.000		0.	-14	0.25	0.000	
1829		16.25	16.25		698	-13	2.73	71.		724	-6	0.008		719	-6	2.81	0.008	
1830		16.25	16.25		232	0.	0.90	36.		240	-30	0.000		243	-33	0.10	0.000	
1831		16.25	16.25		0.	-15	0.27	-4.		0.	-45	0.000		0.	-35	0.63	0.000	
1832		16.25	16.25		0.	-33	0.60	-9.		0.	-46	0.000		0.	-19	0.35	0.000	
1833		16.25	16.25		0.	-45	0.82	-12.		0.	-19	0.000		0.	-3	0.05	0.000	
1834		16.25	16.25		762	48	1.22	276.		651	-19	0.004		646	-19	2.49	0.004	
1835		16.25	16.25		403	-12	1.55	30.		208	-16	0.000		191	-19	0.05	0.000	
1836		16.25	16.25		0.	-25	0.45	-7.		0.	-31	0.000		0.	-19	0.34	0.000	
1837		16.25	16.25		0.	-15	0.28	-4.		0.	-19	0.000		0.	-10	0.18	0.000	
1838		16.25	16.25		0.	-17	0.32	-5.		0.	-3	0.000		0.	-28	0.51	0.000	
1839		16.25	16.25		774	67	0.00	338.		703	-9	0.007		697	-9	2.73	0.007	
1840		16.25	16.25		539	7	1.99	106.		275	-6	0.002		243	-11	0.90	0.001	
1841		16.25	16.25		55	-4	0.20	0.		0.	-10	0.000		0.	-10	0.18	0.000	
1842		16.25	16.25		0.	-12	0.22	-3.		0.	-6	0.000		0.	-6	0.11	0.000	
1843		16.25	16.25		0.	-8	0.15	-2.		0.	-28	0.000		0.	-28	0.51	0.000	
1844		16.25	16.25		0.	-58	1.05	-16.		0.	-26	0.000		84	-7	0.31	0.000	
1845		16.25	16.25		0.	-31	0.56	-8.		112	-14	0.000		160	-12	0.58	0.000	
1846		16.25	16.25		0.	-11	0.20	-3.		0.	-8	0.000		18	-1	0.07	0.000	
1847		16.25	16.25		0.	-17	0.31	-5.		0.	-15	0.000		0.	-12	0.22	0.000	
1848		16.25	16.25		0.	-17	0.30	-5.		0.	-21	0.000		0.	-19	0.35	0.000	
1856		16.25	16.25		0.	-42	0.76	-11.		267	-20	0.000		280	-8	1.09	0.002	
1857		16.25	16.25		53	-16	0.18	-6.		301	-7	0.002		300	-7	1.17	0.002	
1858		16.25	16.25		117	-3	0.45	10.		293	-2	0.003		291	-2	1.13	0.003	
1859		16.25	16.25		45	-1	0.17	4.		66	-3	0.000		66	-3	0.25	0.000	
1860		16.25	16.25		0.	4	0.00	12.		0.	-11	0.000		0.	-11	0.20	0.000	
1862		16.25	16.25		422	-21	1.54	14.		243	-42	0.000		237	-28	0.03	0.000	
1863		16.25	16.25		0.	61	0.00	186.		0.	-53	0.000		0.	-42	0.77	0.000	
1864		16.25	16.25		0.	88	0.00	271.		0.	11	0.005		0.	-57	1.03	0.000	
1865		16.25	16.25		817	46	1.69	279.		0.	-1	0.000		0.	-2	0.03	0.000	
1866		16.25	16.25		92	110	0.00	353.		0.	-8	0.000		0.	-8	0.15	0.000	
1867		16.25	16.25		0.	132	0.00	405.		0.	20	0.010		0.	-16	0.28	0.000	
1868		16.25	16.25		1053	110	0.00	517.		0.	-14	0.000		0.	-13	0.25	0.000	
1869		16.25	16.25		234	148	0.00	497.		0.	-11	0.000		0.	-10	0.19	0.000	
1871		16.25	16.25		1193	146	0.00	653.		0.	-9	0.000		0.	-9	0.17	0.000	
1872		16.25	16.25		546	168	0.00	610.		0.	-12	0.000		0.	-12	0.22	0.000	
1873		16.25	16.25		0.	143	0.00	439.		148	-2	0.002		128	0.	0.50	0.002	
1874		16.25	16.25		963	156	0.00	646.		0.	-22	0.000		0.	-22	0.40	0.000	
1875		16.25	16.25		945	167	0.00	675.		0.	-10	0.000		0.	-10	0.19	0.000	
1876		16.25	16.25		650	115	0.00	465.		254	-3	0.003		254	-3	1.00	0.003	
1877		16.25	16.25		743	159	0.00	617.		98	-14	0.000		97	-14	0.05	0.000	
1878		16.25	16.25		1001	162	0.00	669.		42	-6	0.000		41	-6	0.03	0.000	
1879		16.25	16.25		837	91	0.00	423.		58	-2	0.000		58	-2	0.22	0.000	
1880		16.25	16.25		0.	-3	0.05	-1.		306	-9	0.002		333	-17	1.21	0.001	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1881		16.25	16.25		0.	-4	0.07	-1.		278	-20	0.000		304	-16	1.10	0.001	
1882		16.25	16.25		112	-39	0.47	-13.		129	-25	0.000		109	-22	0.18	0.000	
1883		16.25	16.25		62	-24	0.31	-8.		337	-3	0.004		343	-5	1.34	0.003	
1884		16.25	16.25		155	-20	0.04	-9.		345	0.	0.005		326	-17	1.18	0.001	
1885		16.25	16.25		369	0.	1.43	58.		238	-20	0.000		143	-17	0.01	0.000	
1886		16.25	16.25		159	-14	0.59	0.		309	-13	0.001		312	-11	1.19	0.002	
1887		16.25	16.25		325	-8	1.26	29.		366	-19	0.001		330	-24	1.19	0.000	
1888		16.25	16.25		650	33	1.58	208.		432	-8	0.004		235	-13	0.85	0.000	
1889		16.25	16.25		87	-2	0.34	8.		51	-1	0.000		54	-18	0.23	0.000	
1890		16.25	16.25		325	-4	1.27	39.		204	-12	0.000		176	-21	0.01	0.000	
1891		16.25	16.25		833	59	0.70	325.		547	2	0.008		325	-11	1.24	0.002	
1892		16.25	16.25		50	-5	0.01	-3.		0.	-19	0.000		0.	-19	0.35	0.000	
1893		16.25	16.25		297	5	1.07	63.		173	-23	0.000		136	-16	0.01	0.000	
1894		16.25	16.25		661	95	0.00	406.		612	3	0.009		497	-4	1.94	0.005	
1895		16.25	16.25		122	-3	0.47	11.		23	-22	0.000		22	-21	0.34	0.000	
1896		16.25	16.25		385	8	1.36	86.		264	-15	0.000		261	-15	0.94	0.000	
1897		16.25	16.25		631	105	0.00	431.		754	-2	0.009		709	-2	2.75	0.009	
1898		16.25	16.25		0.	165	0.00	508.		0.	99	0.049		0.	98	0.00	0.048	
1899		16.25	16.25		0.	186	0.00	572.		0.	105	0.052		0.	104	0.00	0.051	
1900		16.25	16.25		1031	141	0.00	609.		1046	79	0.049		1038	78	0.34	0.049	
1901		16.25	16.25		0.	-8	0.15	-2.		0.	-16	0.000		0.	-16	0.29	0.000	
1903		16.25	16.25		0.	-5	0.09	-1.		0.	-17	0.000		0.	-17	0.30	0.000	
1904		16.25	16.25		0.	-24	0.44	-7.		0.	-28	0.000		0.	-28	0.51	0.000	
1905		16.25	16.25		0.	11	0.00	34.		0.	-6	0.000		0.	-6	0.10	0.000	
1906		16.25	16.25		131	6	0.37	39.		93	-18	0.000		92	-18	0.13	0.000	
1907		16.25	16.25		0.	20	0.00	60.		0.	-2	0.000		0.	-2	0.04	0.000	
2499		16.25	16.25		10	10	0.00	34.		0.	-32	0.000		0.	-24	0.43	0.000	
2500		16.25	16.25		23	34	0.00	107.		0.	-45	0.000		0.	-43	0.77	0.000	
2501		16.25	16.25		18	72	0.00	224.		0.	-23	0.000		0.	-23	0.42	0.000	
2502		16.25	16.25		74	106	0.00	339.		110	-11	0.000		111	-11	0.03	0.000	
2503		16.25	16.25		161	123	0.00	405.		216	22	0.013		216	22	0.00	0.013	
2504		16.25	16.25		210	84	0.00	295.		269	36	0.020		270	15	0.56	0.010	
2505		16.25	16.25		0.	-5	0.09	-1.		0.	-48	0.000		0.	-50	0.91	0.000	
2506		16.25	16.25		0.	22	0.00	68.		0.	-62	0.000		0.	-66	1.20	0.000	
2507		16.25	16.25		0.	48	0.00	147.		0.	-32	0.000		0.	-31	0.57	0.000	
2508		16.25	16.25		79	80	0.00	258.		136	-14	0.000		136	-13	0.04	0.000	
2509		16.25	16.25		148	90	0.00	304.		281	12	0.009		281	11	0.81	0.009	
2510		16.25	16.25		218	58	0.00	216.		358	8	0.008		360	-2	1.41	0.004	
2511		16.25	16.25		0.	-37	0.68	-10.		0.	-83	0.000		0.	-87	1.58	0.000	
2512		16.25	16.25		0.	-13	0.24	-4.		0.	-90	0.000		0.	-89	1.63	0.000	
2513		16.25	16.25		0.	-5	0.09	-1.		0.	-44	0.000		0.	-44	0.80	0.000	
2514		16.25	16.25		50	15	0.00	55.		186	-2	0.002		186	-2	0.73	0.002	
2515		16.25	16.25		193	16	0.00	81.		402	-5	0.004		402	-5	1.57	0.004	
2516		16.25	16.25		264	-19	0.95	3.		576	-25	0.002		576	-25	2.14	0.002	
2518		16.25	16.25		0.	-66	1.20	-18.		0.	-79	0.000		0.	-71	1.30	0.000	
2519		16.25	16.25		0.	-86	1.56	-23.		0.	-31	0.000		0.	-31	0.56	0.000	
2520		16.25	16.25		57	-77	1.28	-22.		249	-18	0.000		249	-19	0.90	0.000	
2521		16.25	16.25		203	-64	0.75	-22.		457	-5	0.005		457	-19	1.70	0.002	
2525		16.25	16.25		0.	-111	2.03	-30.		0.	-44	0.000		0.	-20	0.36	0.000	
2526		16.25	16.25		0.	-132	2.40	-36.		0.	-17	0.000		0.	-18	0.32	0.000	
2527		16.25	16.25		182	-130	1.99	-40.		487	-9	0.004		487	-9	1.91	0.004	
2528		16.25	16.25		81	-123	2.08	-35.		305	-22	0.000		305	-22	1.10	0.000	
2530		16.25	16.25		0.	-37	0.67	-10.		0.	-37	0.000		0.	-7	0.13	0.000	
2531		16.25	16.25		0.	-133	2.43	-36.		0.	-55	0.000		0.	47	0.00	0.023	
2534		16.25	16.25		118	-142	2.35	-42.		607	-31	0.002		608	-31	2.21	0.002	
2535		52.70	52.70		0.	-29	0.44	-7.		0.	13	0.001		0.	49	0.00	0.003	
2536		52.70	52.70		178	-83	0.98	-22.		519	-45	0.000		640	-42	1.73	0.000	
2653		16.25	16.25		0.	-59	1.07	-16.		0.	-75	0.000		0.	-73	1.33	0.000	
2654		16.25	16.25		0.	-52	0.95	-14.		0.	-89	0.000		0.	-88	1.61	0.000	
2655		16.25	16.25		0.	-50	0.91	-14.		0.	-88	0.000		0.	-95	1.72	0.000	
2657		16.25	16.25		0.	-60	1.10	-16.		0.	-27	0.000		0.	-8	0.15	0.000	
2658		16.25	16.25		0.	-72	1.31	-20.		0.	-56	0.000		0.	-38	0.70	0.000	
2659		16.25	16.25		0.	-71	1.29	-19.		0.	-64	0.000		0.	-47	0.86	0.000	
2661		16.25	16.25		0.	-35	0.63	-9.		0.	13	0.006		0.	45	0.00	0.022	
2664		16.25	16.25		0.	-22	0.41	-6.		0.	2	0.001		0.	34	0.00	0.017	
2669		16.25	16.25		0.	-32	0.59	-9.		0.	-7	0.000		0.	20	0.00	0.010	
2676		16.25	16.25		342	-14	1.27	16.		713	-34	0.002		713	-34	2.62	0.002	
2677		16.25	16.25		325	-41	0.08	-19.		705	-33	0.002		705	-34	2.59	0.002	
2681		16.25	16.25		308	-79	0.80	-29.		671	-36	0.002		672	-36	2.43	0.002	
2685		16.25	16.25		0.	-39	0.71	-11.		0.	0.	0.000		0.	18	0.00	0.009	
3885		16.25	16.25		0.	148	0.00	455.		0.	18	0.009		0.	-12	0.22	0.000	
3887		16.25	16.25		0.	151	0.00	465.		0.	5	0.002		0.	-1	0.02	0.000	
3888		16.25	16.25		0.	172	0.00	528.		0.	6	0.003		0.	-3	0.05	0.000	
3889		16.25	16.25		270	-100	1.26	-33.		763	-36	0.002		763	-36	2.80	0.002	
3890		16.25	16.25		282	-73	0.74	-26.		600	-45	0.000		657	-44	2.36	0.001	
3891		16.25	16.25		326	-60	0.41	-24.		714	-44	0.001		714	-44	2.56	0.001	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

3892		16.25	16.25		283	-28	0.08	-14.		364	-62	0.000		342	-8	1.33	0.003	
3893		16.25	16.25		509	-41	1.87	2.		519	-18	0.003		514	-18	1.95	0.003	
4218		25.36	25.36		0.	-53	0.91	-14.		250	-49	0.000		389	-42	0.03	0.000	
4219		25.36	25.36		0.	-98	1.70	-25.		231	-54	0.000		431	-27	1.42	0.000	
4220		25.36	25.36		0.	-26	0.45	-7.		119	-1	0.001		384	-15	1.25	0.001	
4221		25.36	25.36		0.	-29	0.50	-8.		55	-61	0.000		288	-4	0.93	0.001	
4222		25.36	25.36		0.	-5	0.09	-1.		36	-51	0.000		113	5	0.24	0.002	
4223		25.36	25.36		0.	-50	0.87	-13.		355	-15	0.001		385	-10	1.25	0.001	
4224		25.36	25.36		0.	-62	1.08	-16.		374	-31	0.000		403	-17	1.31	0.001	
4225		25.36	25.36		0.	-57	1.00	-15.		294	-41	0.000		318	-13	1.04	0.001	
4226		16.25	16.25		0.	-32	0.59	-9.		123	-37	0.000		82	-22	0.24	0.000	
4227		36.45	36.45		0.	-12	0.19	-3.		78	-14	0.000		127	-24	0.17	0.000	
4228		36.45	36.45		0.	-22	0.35	-5.		0.	-24	0.000		0.	23	0.00	0.003	
4229		36.45	36.45		0.	-243	3.99	-60.		0.	-49	0.000		0.	137	0.00	0.021	
4230		36.45	36.45		0.	-537	8.81	-132.		0.	-207	0.000		0.	255	0.00	0.038	
4235		36.45	36.45		80	-1194	19.45	-295.		176	-397	0.000		290	150	0.00	0.023	
4237		36.45	36.45		0.	-76	1.25	-19.		345	-15	0.000		424	-10	1.18	0.001	
4238		36.45	36.45		219	-120	1.58	-34.		407	-42	0.000		490	43	0.00	0.008	
4239		36.45	36.45		221	-386	5.94	-99.		418	-51	0.000		509	124	0.00	0.020	
4240		36.45	36.45		113	-611	9.83	-153.		281	-212	0.000		398	188	0.00	0.029	
4241		36.45	36.45		448	-783	12.05	-201.		558	-323	0.000		682	189	0.00	0.030	
4242		36.45	36.45		664	-924	13.98	-240.		956	-262	0.000		1199	147	0.00	0.025	
4244		36.45	36.45		0.	-978	16.05	-241.		0.	-278	0.000		0.	108	0.00	0.016	
4245		36.45	36.45		0.	-1027	16.85	-253.		0.	-325	0.000		0.	156	0.00	0.024	
4247		36.45	36.45		7	-31	0.49	-8.		451	-21	0.001		582	5	1.44	0.003	
4248		36.45	36.45		494	-179	2.05	-54.		707	-54	0.000		816	49	0.86	0.010	
4249		36.45	36.45		670	-416	5.63	-115.		887	-61	0.000		999	96	0.00	0.017	
4250		36.45	36.45		785	-687	9.87	-184.		931	-224	0.000		1035	125	0.00	0.022	
4251		36.45	36.45		1063	-968	13.99	-259.		1265	-444	0.000		1480	113	0.14	0.022	
4252		36.45	36.45		1174	-1015	14.56	-273.		1373	-365	0.000		1625	75	2.58	0.017	
4254		36.45	36.45		0.	-929	15.24	-229.		0.	-333	0.000		0.	119	0.00	0.018	
4255		36.45	36.45		0.	-802	13.16	-197.		0.	-222	0.000		0.	240	0.00	0.036	
4257		36.45	36.45		34	-66	1.01	-17.		304	-45	0.000		585	13	1.29	0.004	
4258		36.45	36.45		595	-206	2.31	-62.		767	0.	0.003		893	45	1.29	0.010	
4259		36.45	36.45		894	-421	5.30	-121.		1035	-96	0.000		1131	70	1.09	0.014	
4260		36.45	36.45		1133	-687	9.25	-191.		1199	-241	0.000		1235	78	1.11	0.016	
4261		36.45	36.45		1422	-1002	13.89	-274.		1535	-453	0.000		1663	59	3.16	0.015	
4262		36.45	36.45		1200	-1064	15.32	-285.		1287	-400	0.000		1408	30	3.15	0.010	
4264		36.45	36.45		0.	-923	15.14	-227.		0.	-313	0.000		0.	122	0.00	0.018	
4265		36.45	36.45		0.	-735	12.07	-181.		0.	-178	0.000		0.	266	0.00	0.040	
4267		36.45	36.45		43	-73	1.11	-19.		227	-47	0.000		481	18	0.89	0.004	
4268		36.45	36.45		574	-211	2.43	-63.		709	-12	0.002		812	37	1.29	0.008	
4269		36.45	36.45		975	-417	5.09	-121.		1055	-114	0.000		1105	46	1.90	0.011	
4270		36.45	36.45		1309	-668	8.63	-190.		1305	-257	0.000		1282	42	2.51	0.011	
4271		36.45	36.45		1481	-968	13.23	-267.		1501	-458	0.000		1535	22	3.63	0.009	
4272		36.45	36.45		1089	-1093	15.98	-290.		1078	-430	0.000		1099	4	2.79	0.005	
4274		36.45	36.45		0.	-884	14.51	-218.		0.	-291	0.000		0.	134	0.00	0.020	
4275		36.45	36.45		0.	-670	10.99	-165.		0.	-135	0.000		0.	292	0.00	0.044	
4277		36.45	36.45		89	-61	0.83	-17.		197	-47	0.000		276	17	0.28	0.003	
4278		36.45	36.45		506	-210	2.53	-61.		546	-26	0.001		617	22	1.16	0.005	
4279		36.45	36.45		918	-413	5.13	-119.		940	-134	0.000		948	20	2.13	0.006	
4280		36.45	36.45		1328	-650	8.30	-186.		1268	-272	0.000		1203	12	2.93	0.007	
4281		36.45	36.45		1585	-934	12.49	-261.		1450	-460	0.000		1326	-5	3.49	0.005	
4282		36.45	36.45		1165	-1122	16.32	-299.		986	-452	0.000		853	-12	2.33	0.003	
4284		36.45	36.45		0.	-845	13.87	-208.		0.	-264	0.000		0.	159	0.00	0.024	
4285		36.45	36.45		0.	-601	9.86	-148.		0.	-88	0.000		0.	321	0.00	0.048	
4287		36.45	36.45		266	-135	1.75	-38.		516	-46	0.000		549	-13	1.54	0.001	
4288		36.45	36.45		871	-258	2.67	-80.		811	-153	0.000		765	-20	2.15	0.002	
4289		36.45	36.45		1091	-366	4.05	-111.		972	-211	0.000		868	-27	2.46	0.002	
4290		36.45	36.45		1088	-519	6.57	-149.		943	-296	0.000		804	-31	2.31	0.001	
4291		36.45	36.45		2089	-738	8.37	-222.		1780	-411	0.000		1484	-1	3.85	0.006	
4292		36.45	36.45		2218	-1024	12.83	-295.		1879	-484	0.000		1596	-5	4.18	0.006	
4294		36.45	36.45		0.	-773	12.69	-190.		0.	-103	0.000		0.	293	0.00	0.044	
4295		36.45	36.45		0.	-411	6.75	-101.		0.	179	0.027		0.	407	0.00	0.061	
4297		36.45	36.45		230	-132	1.76	-37.		476	-35	0.000		503	-19	1.44	0.001	
4298		36.45	36.45		727	-220	2.31	-68.		657	-103	0.000		631	-22	1.80	0.001	
4299		36.45	36.45		879	-318	3.64	-95.		746	-182	0.000		657	-28	1.90	0.001	
4300		36.45	36.45		829	-457	6.02	-129.		666	-261	0.000		537	-31	1.59	0.000	
4301		36.45	36.45		1750	-662	7.73	-197.		1430	-378	0.000		1121	-35	3.18	0.002	
4302		36.45	36.45		2315	-1012	12.47	-294.		1881	-458	0.000		1551	0.	4.00	0.007	
4304		36.45	36.45		0.	-797	13.08	-196.		0.	-107	0.000		0.	297	0.00	0.045	
4305		36.45	36.45		0.	-413	6.77	-102.		0.	182	0.027		0.	411	0.00	0.062	
4307		36.45	36.45		124	-142	2.11	-37.		321	-77	0.000		322	-7	0.90	0.001	
4308		36.45	36.45		393	-204	2.64	-58.		339	-139	0.000		288	-33	0.02	0.000	
4309		36.45	36.45		331	-278	3.98	-75.		236	-188	0.000		142	-34	0.30	0.000	
4310		36.45	36.45		111	-385	6.12	-97.		0.	-246	0.000		0.	-30	0.49	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4311		36.45	36.45		968	-559	7.44	-156.		660	-333	0.000		355	-28	1.12	0.000	
4312		36.45	36.45		2056	-986	12.49	-282.		1605	-486	0.000		1166	6	2.93	0.006	
4314		36.45	36.45		1519	-849	11.21	-238.		384	-78	0.000		0.	282	0.00	0.042	
4315		36.45	36.45		468	-459	6.69	-122.		0.	252	0.038		0.	383	0.00	0.058	
4320		36.45	36.45		0.	-303	4.98	-75.		0.	-216	0.000		0.	-32	0.53	0.000	
4321		36.45	36.45		0.	-451	7.40	-111.		0.	-286	0.000		0.	-19	0.32	0.000	
4322		36.45	36.45		0.	-901	14.79	-222.		0.	-502	0.000		0.	-10	0.17	0.000	
4324		36.45	36.45		0.	-889	14.59	-219.		317	-215	0.000		709	127	0.00	0.021	
4325		36.45	36.45		0.	-484	7.94	-119.		77	36	0.006		748	240	0.00	0.038	
4330		25.36	25.36		0.	-26	0.44	-7.		7	-63	0.000		125	16	0.00	0.004	
4333		25.36	25.36		0.	-102	1.77	-27.		52	-39	0.000		131	-8	0.43	0.000	
4334		25.36	25.36		17	-182	3.12	-48.		97	-99	0.000		203	-1	0.64	0.001	
4335		25.36	25.36		7	-126	2.17	-33.		115	-51	0.000		260	-11	0.85	0.000	
4336		36.45	36.45		155	-76	0.98	-22.		232	-77	0.000		330	9	0.70	0.003	
4337		36.45	36.45		713	-229	2.49	-70.		694	-85	0.000		685	0.	1.77	0.003	
4338		36.45	36.45		1060	-419	4.97	-124.		1006	-188	0.000		965	-4	2.54	0.004	
4339		36.45	36.45		1408	-636	7.92	-184.		1299	-314	0.000		1201	-9	3.21	0.004	
4340		36.45	36.45		1914	-902	11.38	-259.		1722	-459	0.000		1544	-16	4.16	0.005	
4341		36.45	36.45		1564	-1126	15.68	-307.		1319	-465	0.000		1139	-17	3.12	0.004	
4343		36.45	36.45		0.	-809	13.28	-199.		0.	-236	0.000		0.	208	0.00	0.031	
4344		36.45	36.45		0.	-534	8.77	-131.		0.	-39	0.000		0.	356	0.00	0.054	
4346		36.45	36.45		241	-138	1.84	-39.		290	-49	0.000		385	-12	1.09	0.001	
4347		36.45	36.45		822	-268	2.93	-82.		774	-127	0.000		740	-21	2.09	0.002	
4348		36.45	36.45		1114	-424	4.96	-126.		1035	-209	0.000		972	-5	2.57	0.004	
4349		36.45	36.45		1410	-619	7.63	-180.		1267	-320	0.000		1134	-19	3.12	0.003	
4350		36.45	36.45		2023	-868	10.62	-253.		1794	-454	0.000		1579	-24	4.33	0.005	
4351		36.45	36.45		1721	-1106	15.07	-306.		1457	-472	0.000		1255	-17	3.42	0.004	
4353		36.45	36.45		0.	-800	13.13	-197.		0.	-123	0.000		0.	229	0.00	0.035	
4354		36.45	36.45		0.	-502	8.24	-124.		0.	129	0.019		0.	366	0.00	0.055	
4356		36.45	36.45		295	-199	2.73	-55.		369	-105	0.000		552	-7	1.50	0.002	
4357		36.45	36.45		904	-290	3.15	-89.		841	-158	0.000		794	-16	2.20	0.002	
4358		36.45	36.45		1162	-414	4.72	-124.		1060	-222	0.000		974	-15	2.67	0.003	
4359		36.45	36.45		1359	-586	7.18	-171.		1192	-318	0.000		1032	-12	2.80	0.003	
4360		36.45	36.45		2113	-819	9.66	-242.		1854	-441	0.000		1610	-14	4.32	0.006	
4361		36.45	36.45		1957	-1076	14.15	-303.		1682	-477	0.000		1456	-13	3.90	0.005	
4363		36.45	36.45		0.	-769	12.62	-189.		0.	-97	0.000		0.	288	0.00	0.043	
4364		36.45	36.45		0.	-439	7.20	-108.		0.	173	0.026		0.	405	0.00	0.061	
4366		36.45	36.45		309	-200	2.74	-55.		414	-70	0.000		566	-16	1.60	0.001	
4367		36.45	36.45		929	-294	3.16	-90.		849	-161	0.000		789	-23	2.23	0.002	
4368		36.45	36.45		1151	-406	4.60	-122.		1029	-219	0.000		928	-1	2.41	0.004	
4369		36.45	36.45		1220	-567	7.11	-163.		1051	-308	0.000		890	-3	2.33	0.004	
4370		36.45	36.45		2086	-778	9.02	-232.		1804	-427	0.000		1537	-6	4.04	0.006	
4371		36.45	36.45		2175	-1052	13.37	-301.		1863	-480	0.000		1611	-7	4.24	0.006	
4373		36.45	36.45		0.	-824	13.52	-203.		0.	-88	0.000		0.	303	0.00	0.046	
4374		36.45	36.45		0.	-495	8.13	-122.		0.	194	0.029		0.	422	0.00	0.064	
4379		16.25	16.25		242	-7	0.93	18.		346	-57	0.000		300	-64	0.53	0.000	
4385		36.45	36.45		462	-366	5.18	-99.		37	-13	0.000		0.	35	0.00	0.005	
4386		36.45	36.45		1031	-519	6.68	-148.		453	-118	0.000		166	115	0.00	0.018	
4387		36.45	36.45		1635	-685	8.31	-200.		894	-234	0.000		380	177	0.00	0.027	
4389		36.45	36.45		1986	-809	9.72	-238.		1252	-371	0.000		542	221	0.00	0.034	
4390		25.36	25.36		0.	5	0.00	9.		0.	-58	0.000		0.	-76	1.31	0.000	
4391		25.36	25.36		0.	37	0.00	72.		0.	-26	0.000		0.	-88	1.53	0.000	
4392		36.45	36.45		0.	-18	0.29	-4.		0.	-57	0.000		0.	-73	1.20	0.000	
4394		36.45	36.45		0.	-56	0.91	-14.		0.	-55	0.000		0.	-53	0.87	0.000	
4396		36.45	36.45		0.	-121	1.99	-30.		0.	-68	0.000		0.	-13	0.21	0.000	
4398		36.45	36.45		0.	-260	4.27	-64.		0.	-108	0.000		0.	29	0.00	0.004	
4399		36.45	36.45		0.	-184	3.03	-45.		0.	-99	0.000		0.	-13	0.21	0.000	
4400		36.45	36.45		0.	-498	8.16	-122.		0.	-220	0.000		0.	116	0.00	0.018	
4401		36.45	36.45		0.	-400	6.57	-99.		0.	-208	0.000		0.	54	0.00	0.008	
4402		36.45	36.45		169	-627	9.99	-158.		26	-320	0.000		0.	165	0.00	0.025	
4404		36.45	36.45		521	-739	11.20	-192.		277	-394	0.000		35	199	0.00	0.030	
4405		36.45	36.45		0.	-580	9.52	-143.		0.	-381	0.000		0.	136	0.00	0.020	
5414		36.45	36.45		0.	-914	15.00	-225.		0.	-332	0.000		0.	290	0.00	0.044	
5415		36.45	36.45		0.	-915	15.01	-225.		0.	-217	0.000		0.	296	0.00	0.045	
5417		36.45	36.45		0.	-704	11.56	-173.		0.	-190	0.000		0.	195	0.00	0.029	
5418		36.45	36.45		0.	-679	11.14	-167.		0.	-104	0.000		0.	193	0.00	0.029	
5420		36.45	36.45		0.	-632	10.37	-156.		0.	-187	0.000		0.	105	0.00	0.016	
5421		36.45	36.45		0.	-654	10.74	-161.		0.	-130	0.000		0.	95	0.00	0.014	
5423		36.45	36.45		0.	-385	6.31	-95.		0.	-97	0.000		0.	34	0.00	0.005	
5424		36.45	36.45		0.	-505	8.29	-124.		0.	-94	0.000		0.	23	0.00	0.004	
5427		36.45	36.45		1654	-331	2.47	-113.		2166	-108	0.002		2274	78	4.39	0.020	
5432		36.45	36.45		2529	-837	9.21	-255.		2254	-130	0.002		1935	360	0.00	0.059	
5435		36.45	36.45		2346	-867	10.02	-259.		2099	-170	0.000		1838	371	0.00	0.060	
5437		36.45	36.45		366	-65	0.41	-23.		1303	-28	0.004		2096	71	4.06	0.018	
5438		36.45	36.45		332	-13	0.95	9.		1744	83	0.018		2408	101	4.12	0.023	
5439		36.45	36.45		356	-113	1.21	-35.		1694	67	0.016		2373	86	4.44	0.021	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5441		36.45	36.45		0.	-493	8.09	-121.		0.	-222	0.000		0.	41	0.00	0.006
5442		36.45	36.45		0.	-309	5.07	-76.		0.	-121	0.000		0.	54	0.00	0.008
5443		36.45	36.45		0.	-334	5.47	-82.		58	-83	0.000		218	46	0.00	0.007
5445		36.45	36.45		0.	-742	12.17	-183.		0.	-326	0.000		0.	87	0.00	0.013
5446		36.45	36.45		0.	-637	10.45	-157.		0.	-269	0.000		0.	94	0.00	0.014
5447		36.45	36.45		0.	-718	11.79	-177.		0.	-304	0.000		0.	86	0.00	0.013
5449		36.45	36.45		0.	-858	14.08	-211.		0.	-358	0.000		0.	197	0.00	0.030
5450		36.45	36.45		0.	-756	12.41	-186.		0.	-315	0.000		0.	197	0.00	0.030
5451		36.45	36.45		0.	-827	13.57	-204.		0.	-348	0.000		0.	185	0.00	0.028
5453		36.45	36.45		0.	-964	15.83	-237.		0.	-360	0.000		0.	268	0.00	0.040
5454		36.45	36.45		0.	-893	14.66	-220.		0.	-336	0.000		0.	276	0.00	0.042
5455		36.45	36.45		0.	-905	14.85	-223.		0.	-354	0.000		0.	261	0.00	0.039
5457		36.45	36.45		140	-961	15.52	-239.		413	-247	0.000		566	215	0.00	0.034
5458		36.45	36.45		515	-841	12.88	-217.		799	-144	0.000		1012	337	0.00	0.053
5459		36.45	36.45		965	-906	13.14	-242.		1200	-230	0.000		1425	343	0.00	0.055
6395		36.45	36.45		1366	-805	10.76	-225.		1500	-92	0.001		1559	345	0.00	0.055
6397		36.45	36.45		2214	-839	9.81	-249.		2015	-131	0.001		1766	354	0.00	0.057
6398		36.45	36.45		1638	-830	10.68	-236.		1597	-140	0.000		1528	373	0.00	0.060
6399		36.45	36.45		947	-1124	16.75	-295.		989	-307	0.000		1029	159	0.00	0.026
6400		36.45	36.45		646	-1204	18.59	-309.		562	-370	0.000		474	172	0.00	0.027
6401		36.45	36.45		1114	-1161	17.06	-307.		911	-333	0.000		725	195	0.00	0.031
6563		36.45	36.45		1732	-1105	15.03	-305.		968	-268	0.000		490	266	0.00	0.041
6564		36.45	36.45		964	-1129	16.80	-297.		624	-295	0.000		171	273	0.00	0.041
6565		36.45	36.45		1248	-989	14.00	-268.		549	-210	0.000		0.	264	0.00	0.040
6567		36.45	36.45		683	-902	13.58	-235.		36	-234	0.000		0.	266	0.00	0.040
6568		36.45	36.45		97	-888	14.41	-221.		0.	-288	0.000		0.	291	0.00	0.044
6569		36.45	36.45		0.	-738	12.11	-182.		0.	-257	0.000		0.	270	0.00	0.041
6571		52.70	52.70		0.	2	0.00	2.		34	-30	0.000		176	-39	0.31	0.000
6572		16.25	16.25		9	-12	0.19	-3.		158	-43	0.000		233	-53	0.48	0.000
6573		16.25	16.25		41	2	0.11	12.		97	-46	0.000		243	-54	0.48	0.000
6575		36.45	36.45		0.	-1088	17.85	-268.		0.	-418	0.000		326	35	0.00	0.006
6576		36.45	36.45		2331	-1115	14.12	-319.		1740	-395	0.000		1191	95	0.00	0.018
6577		36.45	36.45		1933	-1063	13.98	-299.		1485	-299	0.000		1198	95	0.00	0.018
6581		36.45	36.45		1175	-1009	14.45	-271.		971	-275	0.000		799	102	0.00	0.018
6582		36.45	36.45		1673	-1050	14.23	-291.		1349	-304	0.000		1115	73	0.87	0.015
6584		36.45	36.45		1574	-1040	14.25	-287.		1286	-296	0.000		1084	69	0.96	0.014
6590		36.45	36.45		97	-932	15.11	-231.		476	-273	0.000		787	126	0.00	0.021
6591		36.45	36.45		0.	-968	15.88	-238.		0.	-293	0.000		0.	123	0.00	0.018
6599		36.45	36.45		1172	-939	13.30	-254.		518	-232	0.000		91	198	0.00	0.030
6600		36.45	36.45		2103	-1015	12.89	-291.		1280	-249	0.000		776	189	0.00	0.030
6601		36.45	36.45		0.	-1022	16.77	-252.		129	-345	0.000		542	80	0.00	0.013
6604		36.45	36.45		232	-918	14.65	-230.		0.	-215	0.000		0.	204	0.00	0.031
6605		36.45	36.45		396	-973	15.26	-247.		0.	-239	0.000		0.	167	0.00	0.025
6606		36.45	36.45		0.	-942	15.45	-232.		0.	-202	0.000		0.	202	0.00	0.030
6607		36.45	36.45		1108	-1207	17.82	-319.		772	-346	0.000		465	222	0.00	0.034
6608		36.45	36.45		1577	-1205	16.95	-327.		1062	-323	0.000		726	257	0.00	0.040
6731		36.45	36.45		0.	-987	16.19	-243.		0.	-341	0.000		0.	88	0.00	0.013
6732		36.45	36.45		0.	-1059	17.38	-261.		0.	-279	0.000		0.	71	0.00	0.011
6734		36.45	36.45		0.	-956	15.69	-235.		0.	-410	0.000		0.	82	0.00	0.012
6736		36.45	36.45		144	-1028	16.62	-256.		83	-270	0.000		159	62	0.00	0.010
6737		36.45	36.45		593	-1004	15.42	-259.		775	-330	0.000		1001	69	0.57	0.014
6738		36.45	36.45		362	-939	14.76	-238.		483	-402	0.000		533	71	0.00	0.012
6740		36.45	36.45		72	-1017	16.56	-252.		0.	-292	0.000		0.	35	0.00	0.005
6741		36.45	36.45		515	-1016	15.75	-260.		578	-352	0.000		666	36	0.86	0.008
6742		36.45	36.45		235	-987	15.77	-247.		132	-304	0.000		148	41	0.00	0.007
6743		36.45	36.45		0.	-974	15.99	-240.		0.	-342	0.000		0.	71	0.00	0.011
6744		36.45	36.45		0.	-1034	16.97	-255.		0.	-289	0.000		0.	53	0.00	0.008
6746		36.45	36.45		0.	-998	16.38	-246.		0.	-302	0.000		0.	60	0.00	0.009
6747		36.45	36.45		0.	-950	15.59	-234.		0.	-340	0.000		0.	69	0.00	0.010
6748		36.45	36.45		0.	-1015	16.65	-250.		0.	-293	0.000		0.	51	0.00	0.008
6750		36.45	36.45		0.	-988	16.21	-243.		0.	-297	0.000		0.	54	0.00	0.008
6752		36.45	36.45		0.	-1012	16.61	-249.		0.	-305	0.000		0.	27	0.00	0.004
6753		36.45	36.45		345	-1019	16.10	-257.		331	-369	0.000		202	20	0.00	0.004
6754		36.45	36.45		3	-985	16.17	-243.		0.	-308	0.000		0.	29	0.00	0.004
6756		36.45	36.45		163	-1014	16.35	-253.		0.	-322	0.000		0.	27	0.00	0.004
6757		36.45	36.45		434	-1022	15.99	-260.		283	-379	0.000		92	18	0.00	0.003
6758		36.45	36.45		38	-984	16.09	-243.		0.	-300	0.000		0.	30	0.00	0.004
6759		36.45	36.45		0.	-926	15.20	-228.		0.	-333	0.000		0.	80	0.00	0.012
6760		36.45	36.45		0.	-1001	16.43	-246.		0.	-300	0.000		0.	58	0.00	0.009
6762		36.45	36.45		0.	-979	16.06	-241.		0.	-282	0.000		0.	61	0.00	0.009
6763		36.45	36.45		0.	-909	14.92	-224.		0.	-315	0.000		0.	107	0.00	0.016
6764		36.45	36.45		0.	-980	16.08	-241.		0.	-287	0.000		0.	82	0.00	0.012
6766		36.45	36.45		0.	-972	15.95	-239.		0.	-273	0.000		0.	81	0.00	0.012
6768		36.45	36.45		482	-1003	15.60	-256.		90	-316	0.000		0.	40	0.00	0.006
6769		36.45	36.45		779	-1026	15.45	-268.		566	-378	0.000		256	25	0.00	0.004
6770		36.45	36.45		230	-993	15.89	-249.		0.	-301	0.000		0.	41	0.00	0.006

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6771		36.45	36.45		0.	-911	14.95	-224.		0.	-224	0.000		0.	123	0.00	0.018	
6772		36.45	36.45		0.	-986	16.18	-243.		0.	-251	0.000		0.	98	0.00	0.015	
6774		36.45	36.45		0.	-962	15.79	-237.		0.	-243	0.000		0.	98	0.00	0.015	
6776		36.45	36.45		785	-1013	15.22	-265.		444	-282	0.000		131	54	0.00	0.008	
6777		36.45	36.45		995	-1035	15.20	-274.		764	-298	0.000		599	35	0.66	0.007	
6778		36.45	36.45		547	-990	15.27	-254.		167	-272	0.000		0.	54	0.00	0.008	
6779		36.45	36.45		0.	-899	14.75	-221.		0.	-209	0.000		0.	167	0.00	0.025	
6780		36.45	36.45		366	-977	15.37	-247.		71	-238	0.000		0.	141	0.00	0.021	
6782		36.45	36.45		0.	-945	15.50	-233.		0.	-228	0.000		0.	133	0.00	0.020	
6784		36.45	36.45		1193	-1012	14.47	-272.		952	-275	0.000		535	82	0.00	0.014	
6785		36.45	36.45		1291	-1039	14.73	-281.		1061	-296	0.000		879	54	0.84	0.011	
6786		36.45	36.45		817	-989	14.76	-259.		666	-267	0.000		231	78	0.00	0.012	
8094		36.45	36.45		792	-163	1.25	-55.		1868	7	0.009		2560	82	5.08	0.021	
8095		36.45	36.45		933	-114	0.20	-46.		1836	6	0.009		2189	79	4.12	0.019	
8096		36.45	36.45		1305	-290	2.42	-97.		2043	-75	0.004		2408	82	4.67	0.021	
8709		36.45	36.45		0.	-122	2.01	-30.		0.	-87	0.000		0.	-51	0.84	0.000	
8711		36.45	36.45		0.	-70	1.16	-17.		0.	-74	0.000		0.	-77	1.27	0.000	
8712		36.45	36.45		0.	-75	1.22	-18.		0.	-69	0.000		0.	-63	1.03	0.000	
8713		36.45	36.45		0.	-35	0.57	-9.		0.	-61	0.000		0.	-86	1.41	0.000	
8714		36.45	36.45		0.	5	0.00	7.		0.	-44	0.000		0.	-92	1.51	0.000	
8715		36.45	36.45		0.	-497	8.16	-122.		0.	-309	0.000		0.	99	0.00	0.015	
8716		16.25	16.25		135	-79	1.15	-25.		503	-47	0.000		636	-41	2.28	0.001	
8718		16.25	16.25		168	-76	1.04	-25.		530	-47	0.000		645	-42	2.31	0.001	
8774		36.45	36.45		2823	-404	1.58	-154.		2672	-146	0.002		2675	90	5.22	0.023	
8775		36.45	36.45		3768	-322	1.47	-152.		3385	-116	0.006		3025	72	6.59	0.022	
8776		36.45	36.45		0.	-740	12.15	-182.		0.	-87	0.000		0.	37	0.00	0.006	
8777		36.45	36.45		0.	-695	11.40	-171.		0.	-74	0.000		0.	87	0.00	0.013	
8778		36.45	36.45		405	-566	8.57	-147.		0.	-9	0.000		0.	45	0.00	0.007	
8779		36.45	36.45		0.	-702	11.52	-173.		0.	15	0.002		0.	75	0.00	0.011	
8780		36.45	36.45		0.	-651	10.68	-160.		0.	-14	0.000		0.	197	0.00	0.030	
8781		36.45	36.45		0.	-589	9.67	-145.		0.	122	0.018		0.	197	0.00	0.030	
8782		36.45	36.45		0.	-856	14.04	-211.		0.	-113	0.000		0.	312	0.00	0.047	
8784		36.45	36.45		0.	-848	13.92	-209.		0.	-19	0.000		0.	326	0.00	0.049	
8786		36.45	36.45		5273	-774	3.25	-292.		4610	-46	0.016		3879	390	0.00	0.070	
8788		36.45	36.45		6187	-910	3.85	-344.		5196	-203	0.008		4201	393	0.00	0.072	
8789		36.45	36.45		5428	-883	4.77	-322.		4788	-170	0.009		4150	391	0.00	0.071	
9497		36.45	36.45		0.	-143	2.35	-35.		0.	-80	0.000		0.	-16	0.26	0.000	
9499		36.45	36.45		0.	-79	1.30	-20.		76	-54	0.000		7	-21	0.33	0.000	
9500		36.45	36.45		0.	-99	1.63	-24.		20	-60	0.000		0.	-17	0.28	0.000	
9501		36.45	36.45		332	-70	0.55	-24.		282	-45	0.000		172	-42	0.39	0.000	
9502		36.45	36.45		280	-59	0.47	-20.		275	-55	0.000		167	-50	0.52	0.000	
9503		36.45	36.45		294	-33	0.01	-14.		386	-57	0.000		295	-58	0.43	0.000	
9505		36.45	36.45		0.	-205	3.37	-51.		0.	-133	0.000		0.	-4	0.06	0.000	
9507		36.45	36.45		0.	-174	2.85	-43.		0.	-93	0.000		0.	-12	0.20	0.000	
9508		36.45	36.45		0.	-196	3.21	-48.		0.	-103	0.000		0.	-9	0.14	0.000	
9509		36.45	36.45		466	-125	1.21	-40.		125	-23	0.000		0.	-4	0.07	0.000	
9510		36.45	36.45		403	-108	1.05	-34.		134	-23	0.000		27	-17	0.23	0.000	
9511		36.45	36.45		376	-78	0.61	-27.		232	-36	0.000		122	-33	0.32	0.000	
9513		36.45	36.45		408	-238	3.18	-66.		0.	-2	0.000		0.	-18	0.29	0.000	
9514		36.45	36.45		340	-199	2.66	-56.		0.	-50	0.000		0.	-35	0.58	0.000	
9515		36.45	36.45		457	-146	1.58	-45.		75	-13	0.000		0.	-54	0.89	0.000	
9517		36.45	36.45		0.	-250	4.11	-62.		0.	-187	0.000		0.	-40	0.66	0.000	
9519		36.45	36.45		0.	-222	3.64	-55.		0.	-153	0.000		0.	-45	0.74	0.000	
9520		36.45	36.45		0.	-236	3.88	-58.		0.	-175	0.000		0.	-44	0.73	0.000	
9521		36.45	36.45		3193	-839	8.05	-268.		2765	-126	0.003		2286	369	0.00	0.061	
9523		36.45	36.45		4477	-790	4.95	-281.		3912	-72	0.011		3283	387	0.00	0.067	
9524		36.45	36.45		3541	-864	7.84	-281.		3164	-158	0.003		2761	379	0.00	0.064	

ARMATURA SUPERIORE VERTICALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE								
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
1815		15.92	15.92		0.	-136	2.49	-37.		699	-241	0.000		696	-239	2.91	0.000	
1816		15.92	15.92		0.	-216	3.94	-59.		805	-250	0.000		802	-248	2.86	0.000	
1817		15.92	15.92		0.	-303	5.53	-83.		884	-258	0.000		881	-255	2.82	0.000	
1818		15.92	15.92		0.	-402	7.35	-110.		1007	-279	0.000		1004	-277	2.96	0.000	
1820		15.92	15.92		0.	-134	2.44	-37.		507	-221	0.000		506	-219	2.94	0.000	
1821		15.92	15.92		0.	-204	3.72	-56.		554	-241	0.000		553	-239	3.21	0.000	
1822		15.92	15.92		0.	-296	5.40	-81.		568	-261	0.000		566	-259	3.54	0.000	
1823		15.92	15.92		0.	-389	7.09	-106.		577	-283	0.000		576	-280	3.92	0.000	
1824		15.92	15.92		0.	-89	1.63	-24.		202	-149	0.000		264	-156	2.29	0.000	
1825		15.92	15.92		0.	-128	2.34	-35.		94	-181	0.000		243	-192	2.99	0.000	
1826		15.92	15.92		0.	-198	3.61	-54.		0.	-220	0.000		191	-225	3.71	0.000	
1827		15.92	15.92		0.	-291	5.31	-80.		0.	-272	0.000		93	-238	4.16	0.000	
1828		15.92	15.92		0.	-382	6.98	-105.		0.	-332	0.000		0.	-263	4.80	0.000	
1829		15.92	15.92		0.	-61	1.11	-17.		16	-116	0.000		17	-116	2.08	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1830		15.92	15.92		0.	-103	1.88	-28.		0.	-158	0.000		0.	-157	2.86	0.000
1831		15.92	15.92		0.	-177	3.24	-49.		0.	-190	0.000		0.	-189	3.45	0.000
1832		15.92	15.92		0.	-276	5.03	-75.		0.	-209	0.000		0.	-207	3.77	0.000
1833		15.92	15.92		0.	-371	6.77	-102.		0.	-243	0.000		0.	-241	4.40	0.000
1834		15.92	15.92		0.	-37	0.68	-10.		0.	-75	0.000		0.	-74	1.36	0.000
1835		15.92	15.92		0.	-91	1.66	-25.		0.	-119	0.000		0.	-118	2.16	0.000
1836		15.92	15.92		0.	-161	2.95	-44.		0.	-157	0.000		0.	-156	2.84	0.000
1837		15.92	15.92		0.	-244	4.46	-67.		0.	-177	0.000		0.	-175	3.20	0.000
1838		15.92	15.92		0.	-307	5.60	-84.		0.	-225	0.000		0.	-223	4.07	0.000
1839		15.92	15.92		281	12	0.78	86.		0.	-28	0.000		0.	-40	0.74	0.000
1840		15.92	15.92		0.	-55	1.00	-15.		0.	-82	0.000		0.	-87	1.59	0.000
1841		15.92	15.92		0.	-127	2.32	-35.		0.	-134	0.000		0.	-133	2.42	0.000
1842		15.92	15.92		0.	-195	3.57	-53.		0.	-161	0.000		0.	-159	2.90	0.000
1843		15.92	15.92		0.	-236	4.31	-65.		0.	-177	0.000		0.	-175	3.20	0.000
1844		15.92	15.92		0.	-453	8.26	-124.		1076	-290	0.000		1073	-287	3.00	0.000
1845		15.92	15.92		0.	-441	8.06	-121.		579	-296	0.000		578	-293	4.14	0.000
1846		15.92	15.92		0.	-436	7.96	-119.		0.	-368	0.000		0.	-280	5.12	0.000
1847		15.92	15.92		0.	-400	7.31	-110.		0.	-265	0.000		0.	-263	4.80	0.000
1848		15.92	15.92		0.	-337	6.15	-92.		0.	-250	0.000		0.	-248	4.53	0.000
1856		15.92	15.92		0.	-493	9.00	-135.		923	-276	0.000		921	-274	3.08	0.000
1857		15.92	15.92		0.	-469	8.57	-128.		603	-277	0.000		602	-275	3.76	0.000
1858		15.92	15.92		0.	-429	7.84	-118.		113	-349	0.000		320	-271	4.27	0.000
1859		15.92	15.92		0.	-351	6.41	-96.		0.	-257	0.000		0.	-249	4.55	0.000
1860		15.92	15.92		0.	-327	5.97	-90.		0.	-226	0.000		0.	-224	4.08	0.000
1862		15.92	15.92		0.	-95	1.73	-26.		451	-166	0.000		559	-179	2.11	0.000
1863		15.92	15.92		0.	-14	0.25	-4.		241	-131	0.000		377	-152	1.99	0.000
1864		15.92	15.92		0.	58	0.00	183.		109	-99	0.000		269	-127	1.76	0.000
1865		15.92	15.92		0.	-59	1.08	-16.		401	-161	0.000		536	-160	1.79	0.000
1866		15.92	15.92		0.	22	0.00	70.		207	-125	0.000		513	-128	1.26	0.000
1867		15.92	15.92		0.	99	0.00	311.		128	-89	0.000		516	-99	0.73	0.000
1868		15.92	15.92		0.	-4	0.08	-1.		479	-161	0.000		563	-146	1.49	0.000
1869		15.92	15.92		0.	78	0.00	246.		664	-132	0.000		710	-120	0.71	0.000
1871		15.92	15.92		0.	53	0.00	166.		406	-121	0.000		363	-128	1.57	0.000
1872		15.92	15.92		0.	149	0.00	467.		728	-106	0.000		731	-110	0.47	0.000
1873		15.92	15.92		0.	215	0.00	676.		1025	-95	0.000		1026	-95	0.41	0.000
1874		15.92	15.92		608	72	0.00	334.		193	-87	0.000		193	-86	1.17	0.000
1875		15.92	15.92		837	125	0.00	539.		352	-74	0.000		352	-73	0.60	0.000
1876		15.92	15.92		1005	154	0.00	660.		464	-73	0.000		464	-72	0.35	0.000
1877		15.92	15.92		868	69	0.00	369.		0.	-45	0.000		0.	-45	0.81	0.000
1878		15.92	15.92		1466	89	2.67	531.		0.	-41	0.000		0.	-40	0.74	0.000
1879		15.92	15.92		1895	87	5.10	591.		0.	-49	0.000		0.	-49	0.89	0.000
1880		15.92	15.92		0.	-441	8.05	-121.		876	-263	0.000		874	-261	2.94	0.000
1881		15.92	15.92		0.	-367	6.70	-100.		811	-248	0.000		809	-246	2.80	0.000
1882		15.92	15.92		0.	-222	4.05	-61.		709	-216	0.000		707	-214	2.44	0.000
1883		15.92	15.92		0.	-414	7.55	-113.		576	-262	0.000		574	-260	3.54	0.000
1884		15.92	15.92		0.	-339	6.19	-93.		543	-247	0.000		542	-245	3.35	0.000
1885		15.92	15.92		0.	-192	3.50	-52.		543	-206	0.000		542	-205	2.61	0.000
1886		15.92	15.92		0.	-372	6.78	-102.		109	-311	0.000		314	-255	4.01	0.000
1887		15.92	15.92		0.	-292	5.34	-80.		114	-271	0.000		299	-232	3.61	0.000
1888		15.92	15.92		0.	-146	2.66	-40.		253	-207	0.000		384	-186	2.60	0.000
1889		15.92	15.92		0.	-296	5.40	-81.		0.	-246	0.000		0.	-232	4.23	0.000
1890		15.92	15.92		26	-220	3.96	-61.		0.	-210	0.000		0.	-205	3.75	0.000
1891		15.92	15.92		24	-84	1.49	-24.		0.	-158	0.000		0.	-159	2.90	0.000
1892		15.92	15.92		0.	-258	4.72	-71.		0.	-203	0.000		0.	-201	3.67	0.000
1893		15.92	15.92		0.	-170	3.10	-46.		0.	-172	0.000		0.	-171	3.12	0.000
1894		15.92	15.92		216	-24	0.02	-11.		0.	-123	0.000		0.	-122	2.23	0.000
1895		15.92	15.92		0.	-186	3.40	-51.		0.	-123	0.000		0.	-122	2.23	0.000
1896		15.92	15.92		0.	-108	1.97	-30.		0.	-113	0.000		0.	-113	2.05	0.000
1897		15.92	15.92		242	16	0.34	92.		0.	-71	0.000		0.	-70	1.28	0.000
1898		15.92	15.92		0.	-130	2.37	-36.		0.	-104	0.000		0.	-103	1.87	0.000
1899		15.92	15.92		0.	-138	2.53	-38.		0.	-126	0.000		0.	-125	2.28	0.000
1900		15.92	15.92		0.	-127	2.32	-35.		0.	-92	0.000		0.	-91	1.66	0.000
1901		15.92	15.92		0.	-346	6.31	-95.		0.	-263	0.000		0.	-261	4.76	0.000
1903		15.92	15.92		0.	-173	3.15	-47.		0.	-131	0.000		0.	-130	2.37	0.000
1904		15.92	15.92		0.	-173	3.15	-47.		0.	-133	0.000		0.	-131	2.39	0.000
1905		15.92	15.92		0.	-279	5.08	-76.		0.	-219	0.000		0.	-217	3.97	0.000
1906		15.92	15.92		0.	-162	2.95	-44.		0.	-107	0.000		0.	-106	1.94	0.000
1907		15.92	15.92		0.	-141	2.57	-39.		0.	-97	0.000		0.	-96	1.75	0.000
2499		15.92	15.92		362	8	1.27	85.		28	-48	0.000		0.	-50	0.90	0.000
2500		15.92	15.92		331	3	1.25	64.		0.	-59	0.000		0.	-69	1.27	0.000
2501		15.92	15.92		320	1	1.23	56.		0.	-65	0.000		0.	-72	1.31	0.000
2502		15.92	15.92		359	23	0.53	135.		0.	-43	0.000		0.	-52	0.94	0.000
2503		15.92	15.92		420	54	0.00	242.		5	-9	0.000		0.	-23	0.42	0.000
2504		15.92	15.92		439	53	0.00	244.		29	1	0.001		0.	-16	0.29	0.000
2505		15.92	15.92		0.	11	0.00	36.		0.	-48	0.000		0.	-42	0.77	0.000
2506		15.92	15.92		0.	8	0.00	24.		0.	-50	0.000		0.	-61	1.11	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2507		15.92	15.92		5	4	0.00	12.		80	-51	0.000		80	-50	0.75	0.000	
2508		15.92	15.92		11	12	0.00	41.		79	-37	0.000		80	-37	0.51	0.000	
2509		15.92	15.92		13	19	0.00	61.		29	-32	0.000		31	-31	0.51	0.000	
2510		15.92	15.92		0.	3	0.00	10.		0.	-42	0.000		0.	-42	0.77	0.000	
2511		15.92	15.92		0.	56	0.00	176.		0.	-11	0.000		0.	-46	0.84	0.000	
2512		15.92	15.92		0.	44	0.00	139.		0.	-8	0.000		0.	-31	0.57	0.000	
2513		15.92	15.92		0.	34	0.00	108.		92	-12	0.000		98	-14	0.05	0.000	
2514		15.92	15.92		0.	7	0.00	23.		196	-17	0.000		196	-16	0.73	0.000	
2515		15.92	15.92		0.	-14	0.26	-4.		186	-39	0.000		187	-38	0.31	0.000	
2516		15.92	15.92		0.	-31	0.57	-9.		126	-75	0.000		127	-74	1.09	0.000	
2518		15.92	15.92		0.	14	0.00	44.		0.	-16	0.000		0.	-15	0.28	0.000	
2519		15.92	15.92		0.	6	0.00	20.		80	-4	0.000		80	-4	0.29	0.000	
2520		15.92	15.92		0.	-25	0.46	-7.		258	-4	0.002		258	-4	1.02	0.002	
2521		15.92	15.92		0.	-21	0.38	-6.		299	-37	0.000		299	-37	0.05	0.000	
2525		15.92	15.92		0.	-15	0.28	-4.		0.	5	0.002		0.	11	0.00	0.005	
2526		15.92	15.92		0.	-32	0.59	-9.		2	20	0.010		31	29	0.00	0.015	
2527		15.92	15.92		0.	-64	1.17	-18.		254	-39	0.000		266	-39	0.16	0.000	
2528		15.92	15.92		0.	-51	0.94	-14.		201	2	0.003		211	5	0.74	0.005	
2530		15.92	15.92		0.	27	0.00	84.		0.	-24	0.000		0.	50	0.00	0.026	
2531		15.92	15.92		0.	27	0.00	86.		0.	-23	0.000		0.	58	0.00	0.030	
2534		15.92	15.92		0.	-6	0.12	-2.		510	-134	0.000		510	-133	1.36	0.000	
2535		15.92	15.92		0.	49	0.00	155.		0.	-12	0.000		79	-11	0.04	0.000	
2536		15.92	15.92		0.	-94	1.71	-26.		0.	-162	0.000		120	-233	4.01	0.000	
2653		15.92	15.92		0.	31	0.00	96.		0.	-44	0.000		0.	-43	0.78	0.000	
2654		15.92	15.92		0.	19	0.00	59.		0.	-9	0.000		0.	-9	0.16	0.000	
2655		15.92	15.92		0.	18	0.00	57.		0.	-36	0.000		0.	-35	0.64	0.000	
2657		15.92	15.92		0.	-14	0.26	-4.		0.	-42	0.000		0.	-41	0.75	0.000	
2658		15.92	15.92		0.	-26	0.48	-7.		0.	-2	0.000		0.	2	0.00	0.001	
2659		15.92	15.92		0.	-13	0.24	-4.		0.	-31	0.000		0.	-10	0.17	0.000	
2661		15.92	15.92		0.	90	0.00	282.		0.	-80	0.000		100	-80	1.24	0.000	
2664		15.92	15.92		0.	94	0.00	295.		0.	-87	0.000		103	-87	1.37	0.000	
2669		15.92	15.92		0.	33	0.00	103.		0.	-25	0.000		0.	-59	1.08	0.000	
2676		15.92	15.92		0.	-68	1.24	-19.		251	-119	0.000		251	-118	1.64	0.000	
2677		15.92	15.92		0.	-44	0.81	-12.		301	-87	0.000		301	-86	0.95	0.000	
2681		15.92	15.92		0.	-15	0.28	-4.		301	-104	0.000		312	-104	1.25	0.000	
2685		15.92	15.92		0.	34	0.00	106.		0.	-22	0.000		0.	-2	0.03	0.000	
3885		15.92	15.92		124	201	0.00	654.		239	-39	0.000		659	-88	0.22	0.000	
3887		15.92	15.92		0.	163	0.00	513.		1073	-79	0.001		1072	-78	3.88	0.001	
3888		15.92	15.92		0.	132	0.00	416.		826	-102	0.000		825	-102	0.14	0.000	
3889		15.92	15.92		0.	-47	0.86	-13.		0.	-130	0.000		91	-176	3.01	0.000	
3890		15.92	15.92		0.	-29	0.52	-8.		413	-148	0.000		414	-147	1.81	0.000	
3891		15.92	15.92		0.	-84	1.53	-23.		416	-186	0.000		415	-184	2.50	0.000	
3892		15.92	15.92		0.	-72	1.32	-20.		548	-201	0.000		546	-199	2.50	0.000	
3893		15.92	15.92		0.	-99	1.80	-27.		452	-197	0.000		451	-195	2.62	0.000	
4218		15.92	15.92		0.	-263	4.80	-72.		0.	-271	0.000		0.	-282	5.15	0.000	
4219		15.92	15.92		0.	-346	6.32	-95.		0.	-323	0.000		0.	-305	5.57	0.000	
4220		15.92	15.92		0.	-419	7.65	-115.		0.	-364	0.000		0.	-314	5.73	0.000	
4221		15.92	15.92		0.	-434	7.92	-119.		0.	-368	0.000		0.	-305	5.57	0.000	
4222		15.92	15.92		0.	-371	6.78	-102.		0.	-316	0.000		0.	-263	4.80	0.000	
4223		15.92	15.92		0.	-452	8.24	-124.		0.	-361	0.000		0.	-272	4.97	0.000	
4224		15.92	15.92		0.	-476	8.70	-130.		0.	-381	0.000		0.	-288	5.26	0.000	
4225		15.92	15.92		0.	-431	7.88	-118.		0.	-357	0.000		20	-286	5.18	0.000	
4226		15.92	15.92		0.	-319	5.82	-87.		0.	-292	0.000		223	-256	4.21	0.000	
4227		15.92	15.92		0.	-255	4.65	-70.		0.	-276	0.000		450	-302	4.57	0.000	
4228		15.92	15.92		0.	-361	6.59	-99.		962	-311	0.000		959	-310	3.65	0.000	
4229		15.92	15.92		1313	-443	5.34	-151.		1366	-293	0.000		1361	-291	2.46	0.000	
4230		15.92	15.92		2779	-235	10.35	5.		2047	-428	0.000		1468	-278	2.00	0.000	
4235		35.81	35.81		0.	-90	1.48	-22.		0.	-69	0.000		0.	-50	0.82	0.000	
4237		15.92	15.92		0.	-308	5.63	-84.		0.	-303	0.000		399	-302	4.68	0.000	
4238		15.92	15.92		25	-382	6.93	-105.		969	-310	0.000		966	-308	3.60	0.000	
4239		15.92	15.92		1489	-452	5.13	-157.		1448	-311	0.000		1436	-302	2.52	0.000	
4240		15.92	15.92		2952	-312	0.47	-152.		2356	-461	0.000		1743	-313	2.07	0.000	
4241		20.89	20.89		4993	-269	17.07	116.		3228	-418	0.000		1609	-460	4.94	0.000	
4242		35.81	35.81		6449	-296	18.82	140.		5323	-314	0.004		4181	-343	13.38	0.000	
4244		35.81	35.81		0.	-134	2.21	-33.		0.	-87	0.000		0.	-44	0.73	0.000	
4245		35.81	35.81		0.	-122	2.00	-30.		0.	-86	0.000		0.	-52	0.86	0.000	
4247		15.92	15.92		0.	-392	7.15	-107.		0.	-344	0.000		284	-300	4.89	0.000	
4248		15.92	15.92		291	-426	7.18	-123.		959	-307	0.000		955	-305	3.57	0.000	
4249		15.92	15.92		1662	-466	5.04	-165.		1597	-348	0.000		1555	-318	2.56	0.000	
4250		15.92	15.92		3302	-435	1.04	-194.		2679	-460	0.000		2074	-365	2.33	0.000	
4251		20.89	20.89		5236	-369	18.09	46.		3904	-470	0.000		2595	-479	3.29	0.000	
4252		35.81	35.81		7442	-392	21.95	122.		6562	-416	0.004		5678	-451	18.00	0.001	
4254		35.81	35.81		0.	-36	0.59	-9.		0.	-23	0.000		0.	-3	0.06	0.000	
4255		35.81	35.81		0.	-64	1.05	-16.		0.	-42	0.000		0.	-23	0.38	0.000	
4257		15.92	15.92		0.	-443	8.09	-121.		0.	-374	0.000		83	-309	5.47	0.000	
4258		15.92	15.92		440	-433	6.99	-129.		856	-318	0.000		852	-317	4.00	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4259	15.92	15.92	1746	-465	4.84	-167.	1660	-390	0.000	1588	-346	3.01	0.000
4260	15.92	15.92	3514	-518	2.12	-221.	2921	-460	0.000	2348	-405	2.49	0.000
4261	20.89	20.89	5453	-482	2.38	-247.	4503	-481	0.000	3585	-483	1.39	0.000
4262	35.81	35.81	8031	-449	23.83	113.	7181	-480	0.003	6363	-508	20.21	0.001
4264	35.81	35.81	0.	-149	2.45	-37.	0.	32	0.005	0.	34	0.00	0.005
4265	35.81	35.81	0.	-245	4.04	-61.	0.	-185	0.000	0.	0.	0.00	0.000
4267	15.92	15.92	0.	-439	8.02	-120.	0.	-370	0.000	0.	-305	5.57	0.000
4268	15.92	15.92	358	-420	6.93	-123.	691	-326	0.000	688	-325	4.49	0.000
4269	15.92	15.92	1738	-453	4.64	-163.	1648	-416	0.000	1551	-364	3.40	0.000
4270	15.92	15.92	3613	-481	1.24	-213.	3063	-449	0.000	2535	-420	2.37	0.000
4271	20.89	20.89	5705	-458	20.17	18.	4806	-468	0.000	4043	-482	0.45	0.000
4272	35.81	35.81	8297	-425	24.40	146.	7331	-475	0.004	6422	-518	20.45	0.000
4274	35.81	35.81	0.	-106	1.75	-26.	0.	57	0.009	0.	58	0.00	0.009
4275	35.81	35.81	0.	-209	3.44	-52.	0.	-142	0.000	0.	24	0.00	0.004
4277	15.92	15.92	0.	-399	7.28	-109.	0.	-341	0.000	0.	-287	5.23	0.000
4278	15.92	15.92	185	-400	6.93	-114.	474	-326	0.000	472	-325	4.94	0.000
4279	15.92	15.92	1612	-438	4.63	-156.	1526	-409	0.000	1435	-372	3.80	0.000
4280	15.92	15.92	3572	-446	0.68	-203.	3072	-434	0.000	2596	-426	2.35	0.000
4281	20.89	20.89	5837	-423	20.24	43.	4951	-448	0.000	4100	-478	0.25	0.000
4282	35.81	35.81	8394	-390	24.51	179.	7180	-451	0.004	6059	-506	19.51	0.000
4284	35.81	35.81	0.	-54	0.89	-13.	0.	86	0.013	0.	86	0.00	0.013
4285	35.81	35.81	0.	-158	2.60	-39.	0.	-82	0.000	0.	57	0.00	0.009
4287	15.92	15.92	0.	-515	9.41	-141.	0.	-403	0.000	193	-291	4.90	0.000
4288	15.92	15.92	468	-504	8.22	-149.	733	-360	0.000	766	-312	4.10	0.000
4289	15.92	15.92	1366	-472	5.77	-160.	1297	-432	0.000	1239	-333	3.49	0.000
4290	15.92	15.92	2227	-414	2.90	-164.	1956	-421	0.000	1701	-354	2.90	0.000
4291	20.89	20.89	4117	-327	14.52	15.	3473	-394	0.000	2855	-377	0.96	0.000
4292	35.81	35.81	7778	-232	22.17	292.	6471	-358	0.006	5210	-403	16.40	0.001
4294	35.81	35.81	0.	153	0.00	214.	0.	220	0.034	0.	218	0.00	0.034
4295	35.81	35.81	0.	-3	0.05	-1.	0.	122	0.019	0.	205	0.00	0.032
4297	15.92	15.92	0.	-514	9.39	-141.	0.	-400	0.000	304	-289	4.64	0.000
4298	15.92	15.92	470	-531	8.71	-156.	685	-371	0.000	740	-298	3.90	0.000
4299	15.92	15.92	1171	-496	6.61	-162.	1117	-445	0.000	1073	-310	3.43	0.000
4300	15.92	15.92	1809	-434	4.15	-160.	1584	-432	0.000	1370	-327	3.11	0.000
4301	20.89	20.89	3147	-336	0.34	-158.	2656	-399	0.000	2185	-350	1.83	0.000
4302	35.81	35.81	6806	-221	19.48	236.	5582	-352	0.003	4397	-381	1.63	0.000
4304	35.81	35.81	0.	130	0.00	182.	0.	220	0.034	0.	208	0.00	0.032
4305	35.81	35.81	0.	-39	0.64	-10.	0.	104	0.016	0.	222	0.00	0.035
4307	15.92	15.92	0.	-467	8.53	-128.	15	-372	0.000	362	-280	4.36	0.000
4308	15.92	15.92	410	-530	8.82	-154.	563	-363	0.000	642	-273	3.64	0.000
4309	15.92	15.92	891	-514	7.52	-161.	852	-443	0.000	820	-273	3.27	0.000
4310	15.92	15.92	1216	-472	6.07	-157.	1032	-454	0.000	841	-283	3.41	0.000
4311	20.89	20.89	2071	-390	2.77	-149.	1743	-433	0.000	1376	-295	2.48	0.000
4312	35.81	35.81	5136	-278	15.19	79.	4147	-388	0.000	3186	-315	0.55	0.000
4314	35.81	35.81	0.	108	0.00	151.	0.	188	0.029	0.	154	0.00	0.024
4315	35.81	35.81	0.	-57	0.94	-14.	0.	114	0.018	0.	220	0.00	0.034
4320	15.92	15.92	521	-480	7.68	-143.	463	-405	0.000	407	-208	2.96	0.000
4321	20.89	20.89	973	-421	5.52	-133.	798	-449	0.000	665	-200	2.22	0.000
4322	35.81	35.81	3246	-333	0.35	-145.	2564	-415	0.000	1900	-204	0.06	0.000
4324	35.81	35.81	0.	76	0.00	107.	0.	170	0.027	0.	121	0.00	0.019
4325	35.81	35.81	0.	-90	1.48	-22.	0.	99	0.015	0.	219	0.00	0.034
4330	15.92	15.92	0.	-315	5.75	-86.	0.	-271	0.000	0.	-229	4.18	0.000
4333	15.92	15.92	0.	-320	5.84	-88.	0.	-272	0.000	0.	-227	4.14	0.000
4334	15.92	15.92	0.	-395	7.20	-108.	0.	-325	0.000	0.	-258	4.71	0.000
4335	15.92	15.92	0.	-438	7.99	-120.	0.	-350	0.000	0.	-265	4.84	0.000
4336	15.92	15.92	0.	-370	6.75	-101.	0.	-320	0.000	0.	-273	4.98	0.000
4337	15.92	15.92	294	-395	6.60	-115.	522	-325	0.000	519	-324	4.82	0.000
4338	15.92	15.92	1675	-428	4.31	-155.	1548	-401	0.000	1428	-375	3.87	0.000
4339	15.92	15.92	3381	-419	0.58	-191.	2928	-421	0.000	2502	-426	2.55	0.000
4340	20.89	20.89	5787	-389	19.89	64.	4939	-429	0.000	4128	-472	0.10	0.000
4341	35.81	35.81	8575	-349	24.84	227.	7354	-426	0.006	6187	-485	19.54	0.001
4343	35.81	35.81	0.	-2	0.03	0.	0.	114	0.018	0.	115	0.00	0.018
4344	35.81	35.81	0.	-120	1.97	-30.	0.	-34	0.000	0.	78	0.00	0.012
4346	15.92	15.92	0.	-379	6.93	-104.	0.	-327	0.000	0.	-277	5.05	0.000
4347	15.92	15.92	367	-407	6.66	-120.	634	-329	0.000	630	-328	4.67	0.000
4348	15.92	15.92	1635	-422	4.28	-152.	1530	-398	0.000	1439	-378	3.89	0.000
4349	15.92	15.92	3074	-400	0.87	-179.	2701	-410	0.000	2350	-425	2.85	0.000
4350	20.89	20.89	5552	-358	19.02	73.	4738	-410	0.000	3959	-448	0.01	0.000
4351	35.81	35.81	8566	-308	24.64	267.	7323	-401	0.006	6134	-462	19.17	0.001
4353	35.81	35.81	0.	50	0.00	69.	0.	147	0.023	0.	147	0.00	0.023
4354	35.81	35.81	0.	-69	1.13	-17.	0.	27	0.004	0.	117	0.00	0.018
4356	15.92	15.92	0.	-440	8.04	-121.	0.	-370	0.000	0.	-302	5.51	0.000
4357	15.92	15.92	427	-451	7.33	-133.	721	-346	0.000	718	-344	4.78	0.000
4358	15.92	15.92	1547	-442	4.84	-156.	1461	-413	0.000	1388	-372	3.90	0.000
4359	15.92	15.92	2744	-402	1.60	-172.	2415	-414	0.000	2104	-395	2.82	0.000
4360	20.89	20.89	5115	-340	17.56	59.	4342	-401	0.000	3601	-415	0.15	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4361		35.81	35.81		8410	-272	24.07	292.		7134	-381	0.007		5910	-434	18.35	0.001	
4363		35.81	35.81		0.	108	0.00	151.		0.	184	0.029		0.	184	0.00	0.029	
4364		35.81	35.81		0.	-17	0.28	-4.		0.	90	0.014		0.	160	0.00	0.025	
4366		15.92	15.92		0.	-488	8.91	-134.		0.	-404	0.000		110	-295	5.15	0.000	
4367		15.92	15.92		454	-483	7.87	-143.		736	-353	0.000		755	-324	4.34	0.000	
4368		15.92	15.92		1452	-459	5.34	-158.		1376	-424	0.000		1313	-349	3.62	0.000	
4369		15.92	15.92		2452	-407	2.30	-167.		2157	-417	0.000		1879	-371	2.84	0.000	
4370		20.89	20.89		4588	-330	15.90	36.		3879	-396	0.000		3199	-393	0.56	0.000	
4371		35.81	35.81		8129	-247	23.19	300.		6822	-367	0.006		5564	-416	17.36	0.001	
4373		35.81	35.81		0.	141	0.00	197.		0.	207	0.032		0.	207	0.00	0.032	
4374		35.81	35.81		0.	-5	0.09	-1.		0.	112	0.017		0.	185	0.00	0.029	
4379		15.92	15.92		0.	-167	3.05	-46.		0.	-193	0.000		192	-209	3.40	0.000	
4385		15.92	15.92		20	-430	7.80	-118.		95	-272	0.000		146	-133	2.13	0.000	
4386		20.89	20.89		214	-381	6.34	-106.		225	-318	0.000		249	-100	1.27	0.000	
4387		35.81	35.81		1778	-280	1.41	-104.		1386	-366	0.000		917	-78	0.36	0.000	
4389		35.81	35.81		5682	-196	16.31	185.		3812	-310	0.000		1960	-75	5.66	0.003	
4390		15.92	15.92		0.	-59	1.08	-16.		0.	-122	0.000		119	-175	2.95	0.000	
4391		15.92	15.92		0.	13	0.00	41.		0.	-77	0.000		44	-153	2.69	0.000	
4392		15.92	15.92		0.	-122	2.22	-33.		0.	-150	0.000		34	-180	3.21	0.000	
4394		15.92	15.92		0.	-155	2.83	-42.		0.	-154	0.000		33	-154	2.75	0.000	
4396		15.92	15.92		0.	-239	4.36	-65.		0.	-153	0.000		21	-125	2.23	0.000	
4398		15.92	15.92		0.	-337	6.15	-92.		0.	-161	0.000		40	-81	1.40	0.000	
4399		15.92	15.92		0.	-184	3.37	-50.		0.	-40	0.000		0.	-27	0.49	0.000	
4400		20.89	20.89		0.	-338	6.00	-90.		16	-185	0.000		108	-27	0.26	0.000	
4401		20.89	20.89		0.	-280	4.97	-75.		0.	-34	0.000		90	46	0.00	0.014	
4402		35.81	35.81		1036	-222	1.79	-75.		765	-324	0.000		508	20	0.90	0.005	
4404		35.81	35.81		4348	-128	12.39	165.		2619	-255	0.000		899	34	1.67	0.008	
4405		35.81	35.81		3248	-32	8.82	199.		1793	-186	0.000		342	128	0.00	0.021	
5414		35.81	35.81		0.	-276	4.55	-68.		0.	-155	0.000		0.	16	0.00	0.003	
5415		35.81	35.81		361	-62	0.37	-22.		841	-70	0.000		893	31	1.73	0.008	
5417		35.81	35.81		0.	-214	3.52	-53.		0.	-114	0.000		0.	13	0.00	0.002	
5418		35.81	35.81		0.	-7	0.12	-2.		0.	-109	0.000		0.	73	0.00	0.011	
5420		35.81	35.81		0.	-137	2.25	-34.		0.	-73	0.000		0.	-12	0.20	0.000	
5421		35.81	35.81		0.	-68	1.12	-17.		0.	-28	0.000		0.	30	0.00	0.005	
5423		35.81	35.81		0.	80	0.00	111.		0.	53	0.008		0.	-13	0.22	0.000	
5424		35.81	35.81		0.	-70	1.15	-17.		0.	-50	0.000		0.	-2	0.03	0.000	
5427		35.81	35.81		0.	-6	0.09	-1.		0.	-11	0.000		0.	-6	0.10	0.000	
5432		35.81	35.81		2965	-190	8.96	27.		3472	-82	0.009		3487	-54	9.63	0.011	
5435		35.81	35.81		2983	-143	8.73	60.		3607	-37	0.013		3609	-12	9.55	0.015	
5437		35.81	35.81		0.	285	0.00	397.		0.	45	0.007		0.	2	0.00	0.000	
5438		35.81	35.81		0.	286	0.00	399.		0.	75	0.012		0.	-7	0.12	0.000	
5439		35.81	35.81		0.	428	0.00	598.		0.	102	0.016		0.	37	0.00	0.006	
5441		35.81	35.81		0.	81	0.00	113.		0.	-20	0.000		0.	-37	0.61	0.000	
5442		35.81	35.81		0.	156	0.00	218.		0.	22	0.003		0.	-30	0.49	0.000	
5443		35.81	35.81		0.	241	0.00	336.		0.	27	0.004		0.	-6	0.10	0.000	
5445		35.81	35.81		0.	-85	1.40	-21.		0.	-77	0.000		0.	-53	0.87	0.000	
5446		35.81	35.81		0.	-42	0.69	-10.		0.	-44	0.000		0.	-60	0.99	0.000	
5447		35.81	35.81		0.	-14	0.23	-4.		0.	-51	0.000		0.	-56	0.93	0.000	
5449		35.81	35.81		0.	-161	2.65	-40.		0.	-114	0.000		0.	-31	0.52	0.000	
5450		35.81	35.81		0.	-128	2.11	-32.		0.	-94	0.000		0.	-44	0.73	0.000	
5451		35.81	35.81		0.	-118	1.94	-29.		0.	-90	0.000		0.	-52	0.86	0.000	
5453		35.81	35.81		0.	-263	4.33	-65.		0.	-187	0.000		0.	-42	0.70	0.000	
5454		35.81	35.81		0.	-211	3.47	-52.		0.	-145	0.000		0.	-32	0.52	0.000	
5455		35.81	35.81		0.	-199	3.28	-49.		0.	-142	0.000		0.	-39	0.64	0.000	
5457		35.81	35.81		0.	-37	0.61	-9.		0.	-39	0.000		0.	-42	0.70	0.000	
5458		35.81	35.81		0.	-279	4.59	-69.		0.	-10	0.000		0.	-31	0.52	0.000	
5459		35.81	35.81		0.	-280	4.61	-69.		0.	-9	0.000		0.	-42	0.69	0.000	
6395		35.81	35.81		0.	-128	2.11	-32.		0.	-84	0.000		0.	-41	0.67	0.000	
6397		35.81	35.81		0.	-152	2.50	-37.		0.	-103	0.000		0.	-59	0.97	0.000	
6398		35.81	35.81		0.	-57	0.94	-14.		0.	-30	0.000		0.	-4	0.07	0.000	
6399		35.81	35.81		0.	-162	2.67	-40.		0.	-110	0.000		0.	-58	0.96	0.000	
6400		35.81	35.81		0.	-128	2.11	-32.		0.	-75	0.000		0.	-33	0.54	0.000	
6401		35.81	35.81		0.	-189	3.11	-47.		0.	-125	0.000		0.	-79	1.31	0.000	
6563		35.81	35.81		5066	-93	14.10	258.		3898	-64	0.012		2400	-45	6.69	0.007	
6564		35.81	35.81		6263	-148	17.64	279.		4036	-170	0.006		2340	-203	0.87	0.000	
6565		35.81	35.81		6012	-103	16.68	315.		3634	-79	0.010		1197	-60	3.52	0.001	
6567		35.81	35.81		5066	-24	13.49	345.		3117	-99	0.007		1242	-180	0.73	0.000	
6568		15.92	15.92		4931	-210	18.44	231.		2826	-387	0.000		1077	-455	6.06	0.000	
6569		15.92	15.92		3933	-140	15.01	243.		2390	-366	0.000		1061	-348	4.13	0.000	
6571		15.92	15.92		0.	-138	2.52	-38.		0.	-192	0.000		77	-250	4.40	0.000	
6572		15.92	15.92		0.	-198	3.62	-54.		0.	-226	0.000		0.	-253	4.63	0.000	
6573		15.92	15.92		0.	-121	2.21	-33.		0.	-179	0.000		0.	-216	3.95	0.000	
6575		35.81	35.81		7767	-266	22.29	255.		5656	-379	0.002		3578	-217	10.72	0.002	
6576		35.81	35.81		10515	-227	29.50	494.		8073	-363	0.011		5682	-337	16.98	0.004	
6577		35.81	35.81		11874	-157	32.58	679.		9594	-326	0.019		7379	-407	21.86	0.006	
6581		35.81	35.81		11505	-181	31.80	622.		9690	-339	0.018		7946	-426	23.47	0.007	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6582		35.81	35.81		11289	-177	31.21	610.		9396	-337	0.017		7570	-423	22.46	0.006	
6584		35.81	35.81		11211	-199	31.16	578.		9490	-349	0.017		7838	-435	23.24	0.007	
6590		35.81	35.81		6859	-266	19.81	194.		7867	-233	0.018		7696	-239	21.98	0.016	
6591		35.81	35.81		2814	-146	8.29	48.		2448	-78	0.005		2468	-55	6.93	0.007	
6599		35.81	35.81		2134	182	0.00	420.		0.	250	0.039		0.	198	0.00	0.031	
6600		35.81	35.81		5653	-46	15.25	360.		1886	96	0.021		0.	61	0.00	0.010	
6601		35.81	35.81		8201	-151	22.83	416.		3712	40	0.021		976	-8	2.64	0.004	
6604		35.81	35.81		0.	196	0.00	274.		0.	227	0.035		0.	219	0.00	0.034	
6605		35.81	35.81		0.	177	0.00	247.		0.	223	0.035		0.	215	0.00	0.034	
6606		35.81	35.81		0.	176	0.00	246.		0.	215	0.034		0.	216	0.00	0.034	
6607		35.81	35.81		4604	-192	13.35	118.		4805	-91	0.014		4816	-65	13.22	0.016	
6608		35.81	35.81		4996	-98	13.95	246.		5915	-56	0.022		5475	-47	14.79	0.020	
6731		35.81	35.81		0.	-155	2.55	-38.		0.	21	0.003		0.	33	0.00	0.005	
6732		35.81	35.81		0.	-141	2.33	-35.		0.	35	0.005		0.	43	0.00	0.007	
6734		35.81	35.81		758	-16	2.13	35.		0.	-8	0.000		0.	13	0.00	0.002	
6736		35.81	35.81		9661	-406	28.03	244.		9196	-408	0.013		8627	-426	25.30	0.010	
6737		35.81	35.81		9201	-401	26.75	220.		8997	-396	0.013		8532	-408	24.96	0.010	
6738		35.81	35.81		8768	-358	25.40	231.		9046	-347	0.015		8685	-360	25.18	0.013	
6740		35.81	35.81		10320	-430	29.93	264.		9344	-462	0.010		8449	-479	25.10	0.007	
6741		35.81	35.81		10130	-432	29.42	250.		9279	-464	0.010		8502	-477	25.23	0.007	
6742		35.81	35.81		9996	-428	29.03	245.		9302	-432	0.012		8631	-450	25.43	0.009	
6743		35.81	35.81		0.	-90	1.49	-22.		0.	66	0.010		0.	66	0.00	0.010	
6744		35.81	35.81		0.	-83	1.37	-21.		0.	69	0.011		0.	70	0.00	0.011	
6746		35.81	35.81		0.	-122	2.00	-30.		0.	50	0.008		0.	53	0.00	0.008	
6747		35.81	35.81		0.	-49	0.81	-12.		0.	86	0.013		0.	87	0.00	0.013	
6748		35.81	35.81		0.	-46	0.75	-11.		0.	89	0.014		0.	90	0.00	0.014	
6750		35.81	35.81		0.	-72	1.19	-18.		0.	74	0.012		0.	75	0.00	0.012	
6752		35.81	35.81		10252	-388	29.57	300.		9052	-462	0.009		7922	-502	23.90	0.004	
6753		35.81	35.81		10192	-401	29.46	282.		9077	-472	0.009		8033	-503	24.19	0.005	
6754		35.81	35.81		10325	-411	29.87	282.		9262	-479	0.009		8271	-492	24.72	0.006	
6756		35.81	35.81		10531	-341	30.14	366.		9106	-433	0.011		7749	-500	23.44	0.004	
6757		35.81	35.81		10316	-363	29.64	329.		8931	-447	0.010		7613	-507	23.16	0.003	
6758		35.81	35.81		10340	-372	29.75	321.		8954	-452	0.010		7634	-505	23.19	0.004	
6759		35.81	35.81		0.	0.	0.00	0.		0.	114	0.018		0.	115	0.00	0.018	
6760		35.81	35.81		0.	9	0.00	12.		0.	121	0.019		0.	121	0.00	0.019	
6762		35.81	35.81		0.	-31	0.51	-8.		0.	98	0.015		0.	98	0.00	0.015	
6763		35.81	35.81		0.	51	0.00	72.		0.	144	0.022		0.	144	0.00	0.022	
6764		35.81	35.81		0.	56	0.00	78.		0.	147	0.023		0.	148	0.00	0.023	
6766		35.81	35.81		0.	25	0.00	35.		0.	130	0.020		0.	130	0.00	0.020	
6768		35.81	35.81		10751	-305	30.56	421.		9285	-412	0.013		7888	-487	23.70	0.005	
6769		35.81	35.81		10601	-317	30.22	397.		9161	-419	0.012		7789	-493	23.49	0.004	
6770		35.81	35.81		10617	-326	30.30	389.		9176	-424	0.012		7802	-495	23.54	0.004	
6771		35.81	35.81		0.	102	0.00	143.		0.	174	0.027		0.	174	0.00	0.027	
6772		35.81	35.81		0.	111	0.00	155.		0.	180	0.028		0.	180	0.00	0.028	
6774		35.81	35.81		0.	77	0.00	108.		0.	160	0.025		0.	161	0.00	0.025	
6776		35.81	35.81		11029	-255	31.04	498.		9491	-383	0.015		8022	-463	23.88	0.006	
6777		35.81	35.81		10890	-273	30.77	467.		9388	-393	0.014		7955	-474	23.78	0.005	
6778		35.81	35.81		10834	-287	30.70	447.		9347	-402	0.013		7929	-480	23.75	0.005	
6779		35.81	35.81		0.	157	0.00	220.		0.	203	0.032		0.	204	0.00	0.032	
6780		35.81	35.81		0.	156	0.00	218.		0.	206	0.032		0.	207	0.00	0.032	
6782		35.81	35.81		0.	133	0.00	186.		0.	191	0.030		0.	191	0.00	0.030	
6784		35.81	35.81		11253	-208	31.33	570.		9581	-355	0.017		7980	-438	23.63	0.007	
6785		35.81	35.81		11068	-226	30.96	535.		9451	-365	0.016		7904	-447	23.48	0.006	
6786		35.81	35.81		11116	-242	31.19	520.		9535	-375	0.016		8025	-453	23.83	0.007	
8094		35.81	35.81		0.	485	0.00	678.		0.	286	0.044		0.	29	0.00	0.004	
8095		35.81	35.81		0.	172	0.00	240.		0.	110	0.017		0.	-23	0.38	0.000	
8096		35.81	35.81		0.	343	0.00	479.		0.	67	0.010		0.	2	0.00	0.000	
8709		15.92	15.92		0.	-64	1.18	-18.		0.	-47	0.000		0.	-76	1.39	0.000	
8711		15.92	15.92		0.	-99	1.81	-27.		0.	-82	0.000		0.	-91	1.66	0.000	
8712		15.92	15.92		0.	-139	2.54	-38.		0.	-84	0.000		0.	-89	1.63	0.000	
8713		15.92	15.92		0.	-55	1.01	-15.		0.	-88	0.000		0.	-122	2.22	0.000	
8714		15.92	15.92		0.	-27	0.50	-8.		0.	-88	0.000		0.	-150	2.73	0.000	
8715		35.81	35.81		932	-148	0.77	-55.		694	-187	0.000		409	111	0.00	0.018	
8716		15.92	15.92		0.	-134	2.44	-37.		0.	-187	0.000		67	-245	4.32	0.000	
8718		15.92	15.92		0.	-123	2.25	-34.		0.	-178	0.000		0.	-219	3.99	0.000	
8774		35.81	35.81		0.	3	0.00	4.		0.	32	0.005		0.	19	0.00	0.003	
8775		35.81	35.81		3384	70	7.67	349.		815	81	0.015		0.	33	0.00	0.005	
8776		35.81	35.81		0.	-53	0.87	-13.		0.	6	0.001		0.	8	0.00	0.001	
8777		35.81	35.81		0.	-94	1.54	-23.		0.	53	0.008		0.	93	0.00	0.014	
8778		35.81	35.81		1488	36	3.26	161.		0.	57	0.009		0.	39	0.00	0.006	
8779		35.81	35.81		0.	67	0.00	93.		0.	208	0.032		0.	207	0.00	0.032	
8780		35.81	35.81		0.	-115	1.89	-28.		0.	156	0.024		0.	166	0.00	0.026	
8781		35.81	35.81		488	18	0.92	62.		0.	269	0.042		0.	283	0.00	0.044	
8782		35.81	35.81		1583	-125	5.01	3.		1312	174	0.031		1107	193	0.00	0.033	
8784		35.81	35.81		3194	-46	8.80	178.		1161	181	0.031		0.	273	0.00	0.043	
8786		35.81	35.81		5665	-175	16.17	206.		3076	-71	0.008		1099	46	1.91	0.011	

8788		35.81	35.81		4254	-112	12.05	176.		2289	-71	0.005		858	-54	2.59	0.000	
8789		35.81	35.81		4779	-122	13.52	203.		2459	30	0.015		595	188	0.00	0.031	
9497		15.92	15.92		0.	-342	6.24	-94.		135	-293	0.000		348	-246	3.77	0.000	
9499		15.92	15.92		0.	-359	6.56	-98.		0.	-306	0.000		302	-254	4.01	0.000	
9500		15.92	15.92		0.	-384	7.01	-105.		65	-319	0.000		367	-258	3.94	0.000	
9501		15.92	15.92		0.	-243	4.44	-67.		0.	-229	0.000		169	-216	3.60	0.000	
9502		15.92	15.92		0.	-191	3.49	-52.		0.	-194	0.000		106	-199	3.42	0.000	
9503		15.92	15.92		0.	-264	4.81	-72.		0.	-243	0.000		179	-226	3.75	0.000	
9505		15.92	15.92		326	-396	6.54	-116.		378	-308	0.000		381	-231	3.41	0.000	
9507		15.92	15.92		170	-417	7.25	-118.		287	-328	0.000		408	-243	3.58	0.000	
9508		15.92	15.92		311	-444	7.45	-129.		417	-336	0.000		514	-244	3.37	0.000	
9509		15.92	15.92		34	-295	5.31	-81.		82	-245	0.000		160	-198	3.28	0.000	
9510		15.92	15.92		0.	-237	4.34	-65.		0.	-208	0.000		110	-180	3.05	0.000	
9511		15.92	15.92		0.	-314	5.74	-86.		55	-262	0.000		166	-211	3.51	0.000	
9513		15.92	15.92		87	-380	6.76	-106.		132	-246	0.000		194	-170	2.70	0.000	
9514		15.92	15.92		0.	-336	6.14	-92.		0.	-222	0.000		84	-156	2.67	0.000	
9515		15.92	15.92		0.	-389	7.09	-106.		43	-279	0.000		144	-187	3.11	0.000	
9517		15.92	15.92		470	-505	8.23	-149.		371	-328	0.000		363	-210	3.07	0.000	
9519		15.92	15.92		386	-491	8.15	-143.		350	-346	0.000		350	-225	3.38	0.000	
9520		15.92	15.92		601	-506	7.98	-152.		562	-363	0.000		507	-231	3.16	0.000	
9521		35.81	35.81		2898	-185	8.75	26.		4102	78	0.028		3727	95	8.06	0.029	
9523		35.81	35.81		4674	-209	13.61	107.		3110	-124	0.005		1527	46	3.13	0.013	
9524		35.81	35.81		3491	-206	10.42	42.		2611	-13	0.011		1782	118	1.32	0.024	

1.2 PARETE P5

Si riportano di seguito gli involuipi delle sollecitazioni SLU/SLV massimi e minimi. Le unità di misura utilizzate sono [daN/cm] e [daNcm/cm]. Le sollecitazioni sono rappresentate nella convenzione tipica delle piastre. A seguire sono riportati i tabulati di verifica. Si predispone un'armatura verticale su entrambe le facce pari a $1\phi 16/20$ tranne che nei 350 cm inferiori del pilastro che si viene a creare tra le due aperture dove si prevede $1\phi 16/10$. Orizzontalmente si inderisce su entrambe le facce $1\phi 22/20$ nei 350 cm inferiori della parete e $1\phi 16/20$ nella restante parte.

A taglio si inseriscono spilli $\phi 12/40 \times 40$ che garantiscono una tensione di taglio resistente di 6.16 daN/cm². Le zone indicate in figura prevedono un infittimento a $1\phi 12/20 \times 20$ che viene esteso a tutto il contorno dell'apertura su una fascia di 100 cm e alla striscia verticale larga 100 cm posta sul lato opposto alla galleria.

θ	22	°
ctg θ	2.48	ok
A_{sw}	283	mm ²
s	400	mm
α	90	°
ctg α	6E-17	
f_{yd}	391	MPa
	264941	N
V_{Rsd}	0.62	MPa
	6.16	daN/cm ²
	1066370	N
V_{Rcd}	2.48	MPa
	24.80	daN/cm ²
V_{Rd}	0.62	MPa
	6.16	daN/cm ²

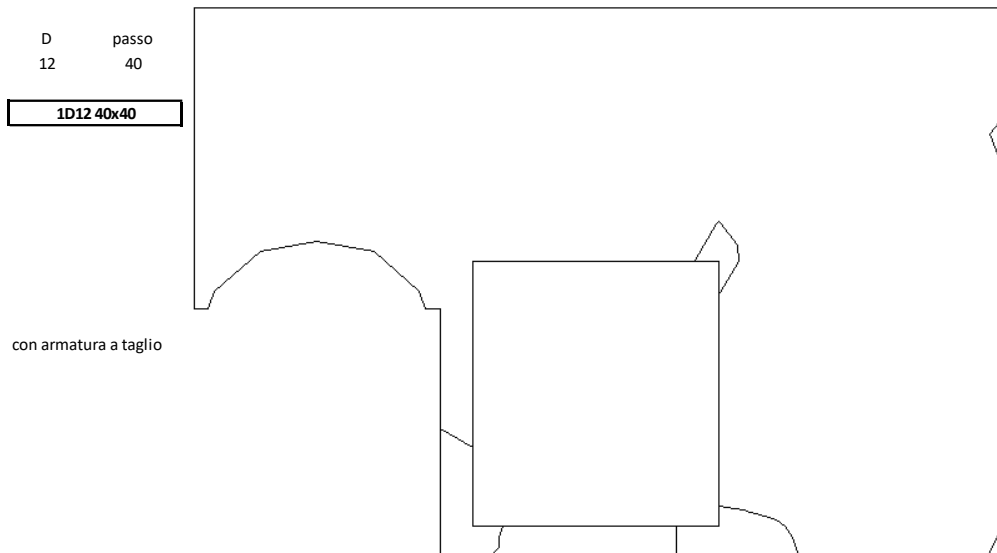


FIGURA 7: ISOLINEE TENSIONI TANGENZIALI

θ	22	°
ctg θ	2.48	ok
A_{sw}	565	mm ²
s	200	mm
α	90	°
ctg α	6E-17	
f_{yd}	391	MPa
	1059762	N
V_{Rsd}	2.46	MPa
	24.65	daN/cm ²
	1066370	N
V_{Rcd}	2.48	MPa
	24.80	daN/cm ²
V_{Rd}	2.46	MPa
	24.65	daN/cm ²

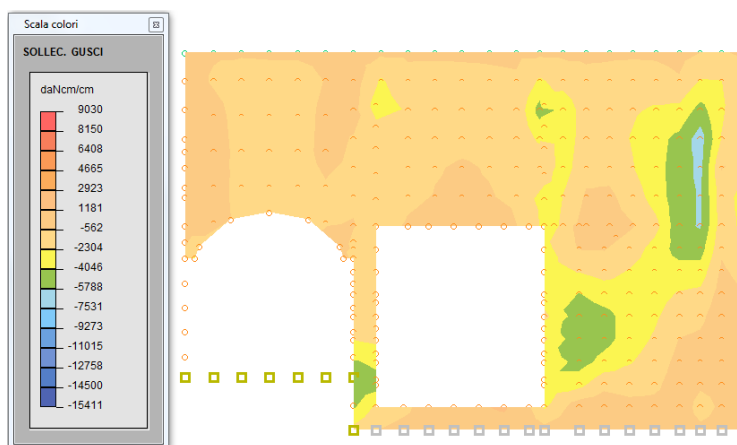
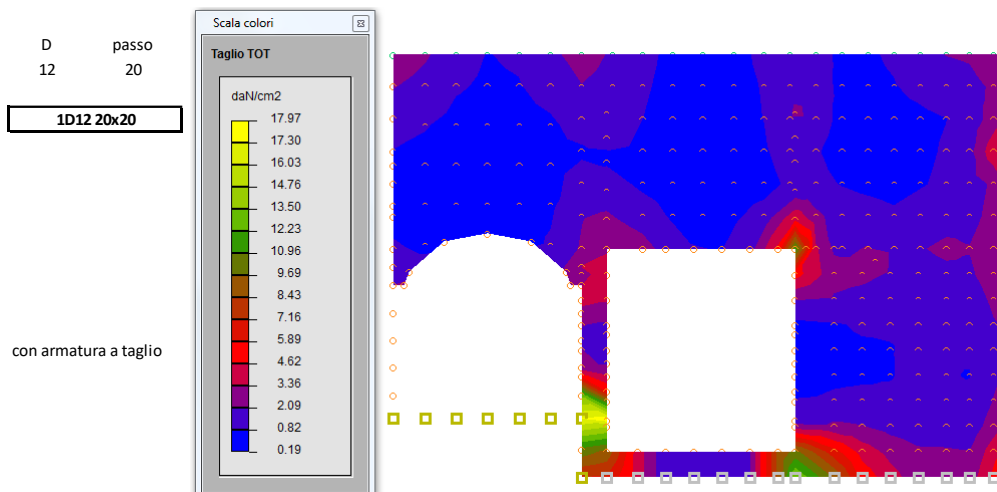


FIGURA 8: MIN Mx

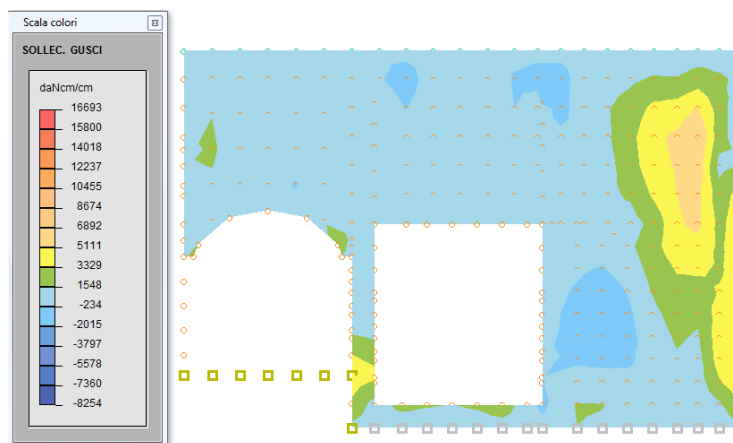


FIGURA 9: MAX Mx

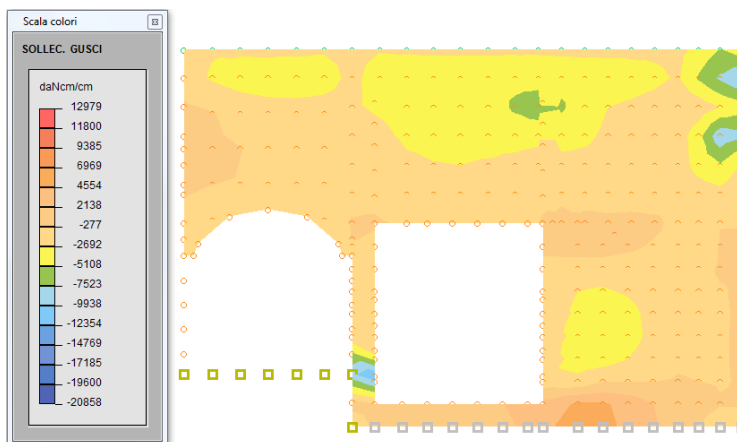


FIGURA 10: MIN My

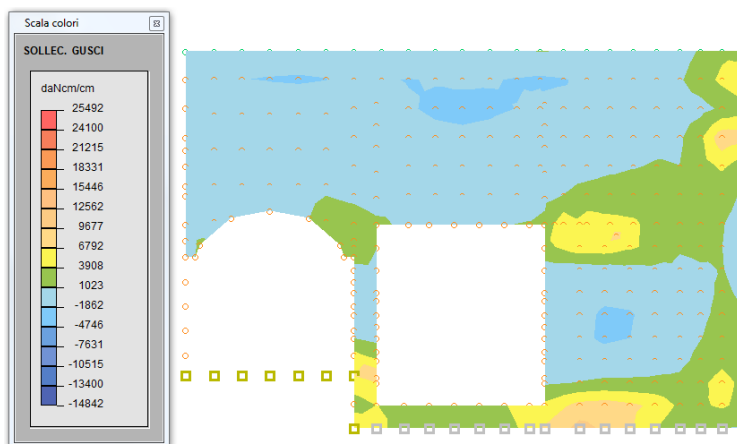


FIGURA 11: MAX My

MACROGUSCIO P5

VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
13	Rara 1 (RARA)
14	Rara 2 (RARA)
15	Frequente 1 (FREQUENTE)
16	Frequente 2 (FREQUENTE)
17	Quasi Perm (QUASI PERMANENTE)

DATI:

copriferro inferiore (asse armatura): 7 cm
 copriferro superiore (asse armatura): 7 cm

Af = area effettiva tesa (cm2 al metro)

Afc = area effettiva compressa (cm2 al metro)

Mom = momento flettente [daNm/cm]

Nor = sforzo normale [daN]

sigC = tensione calcestruzzo [daN/cm2]

valore max per combinazione rara = 174.3 daN/cm2

'' '' '' '' '' quasi permanente = 130.7 daN/cm2

sigF = tensione acciaio [daN/cm2]

valore max per combinazione rara = 3600 daN/cm2

wkF = apertura caratteristica per combinazione frequente (mm) - valore max = 0.3 mm

wkP = '' '' '' '' quasi permanente (mm) - '' '' = 0.2 mm

<-

ARMATURA INFERIORE ORIZZONTALE

GUSCI	COMBINAZIONE RARA						COMB. FREQUENTE			COMB. QUASI PERMANENTE			
	Af	Afc	Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP
1718	10.32	10.32	0.	122	0.00	591.	0.	31	0.030	0.	-16	0.30	0.000
1719	10.32	10.32	296	101	0.00	571.	243	31	0.034	300	-2	1.44	0.006
1720	10.32	10.32	1786	55	7.44	717.	1556	3	0.042	1334	-16	6.37	0.026
1721	10.32	10.32	0.	142	0.00	689.	0.	19	0.019	0.	-10	0.19	0.000
1722	10.32	10.32	220	110	0.00	590.	99	25	0.026	173	-9	0.69	0.001
1723	10.32	10.32	1600	56	6.39	679.	1197	0.	0.030	778	-3	3.73	0.018
1724	10.32	10.32	0.	158	0.00	767.	89	-2	0.001	157	-9	0.62	0.001
1725	10.32	10.32	0.	113	0.00	545.	0.	20	0.020	215	-7	0.96	0.002
1727	10.32	10.32	0.	158	0.00	765.	423	-12	0.005	478	-14	2.17	0.006
1728	10.32	10.32	0.	106	0.00	516.	87	12	0.013	128	-14	0.53	0.000
1729	10.32	10.32	300	44	0.00	294.	236	-2	0.005	53	-6	0.23	0.000
1730	10.32	10.32	0.	117	0.00	569.	329	-16	0.002	397	-19	1.62	0.002
1731	10.32	10.32	0.	72	0.00	351.	0.	4	0.004	0.	-6	0.12	0.000
1732	10.32	10.32	39	13	0.00	73.	0.	-4	0.000	0.	-11	0.20	0.000
1733	10.32	10.32	0.	84	0.00	408.	231	-10	0.001	332	-23	1.27	0.001
1734	10.32	10.32	0.	50	0.00	241.	0.	0.	0.000	0.	-2	0.04	0.000
1735	10.32	10.32	0.	7	0.00	34.	0.	-4	0.000	0.	-10	0.19	0.000
1738	10.32	10.32	39	32	0.00	167.	0.	34	0.033	0.	35	0.00	0.034
1739	10.32	10.32	0.	15	0.00	71.	0.	8	0.007	0.	8	0.00	0.007
1740	10.32	10.32	0.	12	0.00	60.	0.	-5	0.000	0.	-7	0.13	0.000
1741	10.32	10.32	0.	15	0.00	75.	0.	-8	0.000	0.	-12	0.23	0.000
1747	10.32	10.32	0.	26	0.00	126.	0.	-3	0.000	0.	-4	0.07	0.000
1749	10.32	10.32	0.	-8	0.16	-2.	0.	-7	0.000	0.	-9	0.18	0.000
1750	10.32	10.32	0.	21	0.00	100.	0.	-18	0.000	0.	-18	0.35	0.000
1751	10.32	10.32	0.	22	0.00	107.	0.	-1	0.000	0.	0.	0.01	0.000
1752	10.32	10.32	0.	24	0.00	118.	0.	-14	0.000	0.	-5	0.09	0.000
1753	10.32	10.32	0.	25	0.00	120.	0.	-13	0.000	0.	-8	0.16	0.000
1754	10.32	10.32	662	-27	2.82	47.	619	-37	0.002	535	-14	2.46	0.007
1755	10.32	10.32	374	10	1.61	142.	454	-21	0.002	362	-7	1.70	0.006
1756	10.32	10.32	0.	25	0.00	123.	0.	-17	0.000	0.	-3	0.07	0.000
1757	10.32	10.32	0.	23	0.00	113.	0.	-6	0.000	0.	-8	0.15	0.000
1758	10.32	10.32	0.	29	0.00	141.	0.	-14	0.000	0.	-14	0.26	0.000
1759	10.32	10.32	0.	31	0.00	151.	0.	-11	0.000	126	-17	0.59	0.000
1760	10.32	10.32	621	17	2.67	238.	597	-17	0.007	548	-8	2.61	0.010
1761	10.32	10.32	600	37	1.43	336.	704	-14	0.011	642	-8	3.06	0.012
1762	10.32	10.32	15	35	0.00	173.	134	-20	0.000	96	-9	0.39	0.000
1763	10.32	10.32	0.	29	0.00	140.	0.	-3	0.000	0.	-14	0.27	0.000
1764	10.32	10.32	0.	32	0.00	157.	0.	-14	0.000	59	-20	0.50	0.000
1765	10.32	10.32	0.	37	0.00	179.	0.	-8	0.000	200	-23	0.86	0.000
1766	10.32	10.32	553	55	0.00	416.	415	-6	0.007	417	-10	1.93	0.006
1767	10.32	10.32	573	63	0.00	459.	772	-12	0.014	754	-13	3.57	0.013
1768	10.32	10.32	199	54	0.00	314.	431	-2	0.010	410	-15	1.78	0.003
1769	10.32	10.32	0.	45	0.00	220.	224	-8	0.002	275	-19	1.05	0.000
1770	10.32	10.32	0.	39	0.00	189.	96	-19	0.000	256	-24	1.01	0.000
1771	10.32	10.32	0.	42	0.00	201.	17	-14	0.000	284	-27	1.13	0.000
1772	10.32	10.32	362	96	0.00	563.	321	-7	0.005	235	-20	0.92	0.000
1773	10.32	10.32	542	77	0.00	519.	777	-17	0.012	766	-23	3.45	0.009
1774	10.32	10.32	535	32	1.32	297.	866	-9	0.018	840	-21	3.87	0.011
1775	10.32	10.32	616	16	2.66	233.	930	-11	0.018	956	-20	4.47	0.015
1776	10.32	10.32	525	10	2.37	181.	800	-2	0.020	872	-24	3.98	0.011
1777	10.32	10.32	480	12	2.09	179.	704	-20	0.008	821	-27	3.65	0.008
1778	10.32	10.32	521	-113	3.28	-20.	0.	-96	0.000	0.	-85	1.61	0.000
1779	10.32	10.32	0.	-60	1.13	-17.	0.	5	0.005	415	85	0.00	0.089
1784	10.32	10.32	383	-84	2.42	-15.	336	-39	0.000	323	-30	1.27	0.000
1785	10.32	10.32	0.	-29	0.54	-8.	0.	24	0.023	0.	79	0.00	0.077

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1786		10.32	10.32	561	34	1.33	314.1	0.	64	0.062	0.	75	0.00	0.073
1787		10.32	10.32	42	1	0.19	14.1	0.	23	0.023	0.	23	0.00	0.023
1788		10.32	10.32	97	-11	0.42	-1.1	0.	-11	0.000	0.	-14	0.25	0.000
1789		10.32	10.32	410	29	0.54	250.1	0.	33	0.032	0.	33	0.00	0.032
1792		10.32	10.32	0.	17	0.00	80.1	0.	31	0.031	0.	33	0.00	0.032
1793		10.32	10.32	0.	-2	0.04	-1.1	0.	-18	0.000	0.	-17	0.33	0.000
1794		10.32	10.32	0.	-38	0.71	-11.1	0.	-36	0.000	0.	-36	0.68	0.000
1795		10.32	10.32	0.	-3	0.06	-1.1	0.	-5	0.000	0.	-4	0.08	0.000
1798		10.32	10.32	0.	9	0.00	44.1	0.	4	0.004	0.	3	0.00	0.003
1799		10.32	10.32	0.	-23	0.43	-6.1	0.	-28	0.000	0.	-3	0.06	0.000
1800		10.32	10.32	0.	-32	0.60	-9.1	0.	-46	0.000	0.	-47	0.89	0.000
1801		10.32	10.32	0.	-15	0.28	-4.1	0.	-26	0.000	0.	-26	0.49	0.000
1802		10.32	10.32	297	36	0.00	253.1	0.	37	0.036	0.	32	0.00	0.031
1803		10.32	10.32	0.	38	0.00	182.1	0.	27	0.027	0.	22	0.00	0.022
1804		10.32	10.32	0.	17	0.00	81.1	0.	2	0.002	0.	-6	0.11	0.000
1805		10.32	10.32	0.	-3	0.06	-1.1	0.	-18	0.000	0.	-1	0.02	0.000
1806		10.32	10.32	0.	-15	0.29	-4.1	0.	-27	0.000	0.	-38	0.72	0.000
1807		10.32	10.32	0.	-5	0.10	-2.1	0.	-5	0.000	0.	-7	0.14	0.000
1808		10.32	10.32	147	44	0.00	254.1	0.	36	0.035	0.	29	0.00	0.028
1809		10.32	10.32	0.	39	0.00	190.1	0.	22	0.021	0.	16	0.00	0.015
1810		10.32	10.32	0.	24	0.00	117.1	0.	4	0.004	0.	-7	0.13	0.000
1811		10.32	10.32	0.	11	0.00	52.1	0.	-10	0.000	0.	-26	0.49	0.000
1812		10.32	10.32	0.	0.	0.00	0.1	0.	-17	0.000	0.	-33	0.62	0.000
1813		10.32	10.32	0.	5	0.00	26.1	0.	-7	0.000	0.	-11	0.20	0.000
2537		10.32	10.32	994	-35	4.36	88.1	1105	-14	0.021	1105	-14	5.27	0.021
2538		10.32	10.32	0.	-29	0.54	-8.1	0.	-36	0.000	0.	-36	0.68	0.000
2539		10.32	10.32	0.	-2	0.03	-1.1	0.	-28	0.000	0.	0.	0.00	0.000
2540		10.32	10.32	0.	46	0.00	223.1	0.	5	0.005	0.	-2	0.05	0.000
2541		10.32	10.32	0.	89	0.00	432.1	0.	38	0.037	0.	21	0.00	0.020
2542		10.32	10.32	176	80	0.00	433.1	251	35	0.038	274	25	0.00	0.029
2543		10.32	10.32	1223	-46	5.30	98.1	1363	-24	0.023	1396	-21	6.63	0.025
2544		10.32	10.32	0.	-32	0.61	-9.1	0.	-46	0.000	0.	-45	0.86	0.000
2545		10.32	10.32	0.	1	0.00	7.1	0.	-32	0.000	0.	-3	0.06	0.000
2546		10.32	10.32	0.	49	0.00	238.1	0.	9	0.009	0.	4	0.00	0.004
2547		10.32	10.32	0.	85	0.00	412.1	0.	41	0.040	0.	29	0.00	0.028
2548		10.32	10.32	377	81	0.00	495.1	419	45	0.051	430	37	0.00	0.044
2550		10.32	10.32	0.	-8	0.14	-2.1	144	-57	0.000	173	-61	1.52	0.000
2551		10.32	10.32	0.	21	0.00	103.1	0.	-2	0.000	0.	-1	0.03	0.000
2552		10.32	10.32	0.	66	0.00	319.1	0.	38	0.037	0.	38	0.00	0.037
2553		10.32	10.32	0.	82	0.00	396.1	0.	55	0.054	0.	55	0.00	0.054
2554		10.32	10.32	743	78	0.00	579.1	558	62	0.070	554	62	0.00	0.070
2556		10.32	10.32	133	-8	0.51	3.1	62	-27	0.000	80	-28	0.70	0.000
2557		10.32	10.32	0.	44	0.00	213.1	0.	52	0.051	0.	52	0.00	0.050
2558		10.32	10.32	0.	55	0.00	265.1	0.	75	0.073	0.	74	0.00	0.072
2559		10.32	10.32	0.	71	0.00	344.1	0.	75	0.073	0.	74	0.00	0.072
2563		10.32	10.32	311	10	1.26	130.1	91	46	0.046	97	47	0.00	0.047
2564		10.32	10.32	0.	50	0.00	240.1	0.	89	0.087	0.	89	0.00	0.086
2565		10.32	10.32	0.	40	0.00	195.1	0.	69	0.067	0.	72	0.00	0.070
2566		10.32	10.32	0.	45	0.00	217.1	0.	86	0.084	0.	85	0.00	0.083
2568		10.32	10.32	1051	4	5.00	278.1	1015	23	0.044	1026	19	4.63	0.042
2569		10.32	10.32	577	41	0.65	356.1	247	129	0.128	140	162	0.00	0.159
2571		10.32	10.32	1781	-39	8.31	255.1	966	-18	0.016	513	12	2.27	0.023
2572		10.32	10.32	888	-13	4.22	156.1	267	36	0.039	284	50	0.00	0.053
2573		10.32	10.32	1105	45	4.13	502.1	638	70	0.079	662	91	0.00	0.099
2574		10.32	10.32	2356	-52	10.98	334.1	1712	-5	0.041	1072	-29	4.90	0.013
2577		10.32	10.32	954	72	0.34	607.1	627	74	0.082	601	76	0.00	0.084
2578		10.32	10.32	1027	64	2.36	579.1	592	69	0.077	512	78	0.00	0.083
2579		10.32	10.32	1889	-25	9.00	343.1	962	-3	0.023	569	17	2.40	0.028
2582		10.32	10.32	1474	11	6.96	417.1	614	28	0.040	584	49	0.00	0.058
2694		10.32	10.32	1256	30	5.52	458.1	734	45	0.058	594	59	0.00	0.068
2695		10.32	10.32	1700	-46	7.78	207.1	1878	-20	0.038	1930	-17	9.25	0.041
2696		10.32	10.32	1487	-51	6.57	138.1	1722	-24	0.032	1748	-22	8.34	0.033
2697		10.32	10.32	1680	-53	7.51	171.1	1899	-32	0.033	1968	-25	9.38	0.037
2699		10.32	10.32	1377	-20	6.55	241.1	1604	-18	0.032	1616	-20	7.72	0.031
2700		10.32	10.32	1484	-37	6.84	191.1	1671	-12	0.036	1698	-16	8.13	0.035
2701		10.32	10.32	1639	-40	7.58	217.1	1781	-18	0.036	1842	-16	8.83	0.039
2703		10.32	10.32	1134	9	5.35	322.1	1053	25	0.047	1088	32	4.57	0.054
2704		10.32	10.32	1207	-11	5.78	245.1	1284	-6	0.030	1309	-7	6.28	0.030
2705		10.32	10.32	1288	-12	6.17	257.1	1475	-12	0.031	1488	-14	7.13	0.031
2707		10.32	10.32	1089	37	4.41	455.1	684	71	0.081	712	96	0.00	0.105
2708		10.32	10.32	1092	26	4.81	398.1	783	57	0.070	809	76	0.00	0.089
3894		10.32	10.32	1161	50	4.20	542.1	855	-3	0.020	535	0.	2.56	0.014
3896		10.32	10.32	314	48	0.00	316.1	260	0.	0.007	233	-1	1.12	0.006
3897		10.32	10.32	522	56	0.00	412.1	344	1	0.009	297	-2	1.42	0.007
7031		20.19	20.19	1251	-262	7.20	-43.1	781	-74	0.000	318	23	0.21	0.010
7032		20.19	20.19	5336	-1168	31.61	-196.1	4484	-444	0.000	3667	282	0.10	0.126

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7038		20.19	20.19	3809	-1680	37.67	-367.1	3574	-331	0.000	3303	-10	11.57	0.030
7039		20.19	20.19	0.	-709	12.65	-190.1	63	-370	0.000	722	-225	5.48	0.000
7040		20.19	20.19	1653	-915	19.66	-209.1	1305	-332	0.000	1552	-199	6.69	0.000
7041		20.19	20.19	1501	-915	19.34	-212.1	985	-432	0.000	641	-118	3.39	0.000
7042		20.19	20.19	1565	-859	18.48	-196.1	1009	-386	0.000	611	-72	2.51	0.000
7043		20.19	20.19	2358	-717	17.55	-140.1	1517	-296	0.000	822	-32	2.89	0.003
7044		20.19	20.19	0.	-226	4.03	-60.1	0.	-85	0.000	32	-24	0.49	0.000
7052		20.19	20.19	0.	-525	9.37	-141.1	0.	-270	0.000	604	-155	3.98	0.000
7053		20.19	20.19	248	-710	13.16	-184.1	450	-263	0.000	794	-141	4.12	0.000
7054		20.19	20.19	665	-747	14.67	-185.1	310	-362	0.000	82	-100	1.95	0.000
7055		20.19	20.19	1103	-739	15.41	-174.1	630	-336	0.000	316	-71	1.91	0.000
7056		20.19	20.19	2254	-607	15.38	-113.1	1558	-269	0.000	973	-45	3.38	0.002
7066		20.19	20.19	0.	-471	8.40	-126.1	0.	-214	0.000	0.	-96	1.71	0.000
7067		20.19	20.19	0.	-570	10.16	-152.1	0.	-316	0.000	0.	-77	1.37	0.000
7068		20.19	20.19	554	-585	11.56	-145.1	217	-297	0.000	0.	-68	1.22	0.000
7069		20.19	20.19	2153	-481	12.93	-82.1	1584	-254	0.000	1078	-61	3.71	0.002
7079		20.19	20.19	0.	-227	4.05	-61.1	0.	-92	0.000	0.	-17	0.31	0.000
7080		20.19	20.19	0.	-302	5.39	-81.1	0.	-171	0.000	0.	-40	0.72	0.000
7081		20.19	20.19	0.	-307	5.47	-82.1	0.	-163	0.000	0.	-58	1.03	0.000
7082		20.19	20.19	1523	-278	8.03	-41.1	1221	-180	0.000	973	-79	3.47	0.000
7092		22.77	22.77	0.	-83	1.46	-22.1	0.	-30	0.000	0.	-38	0.67	0.000
7093		22.77	22.77	0.	-124	2.18	-33.1	0.	-68	0.000	0.	-12	0.21	0.000
7094		22.77	22.77	0.	-117	2.06	-31.1	0.	-65	0.000	0.	-41	0.72	0.000
7095		22.77	22.77	749	-68	2.69	-2.1	529	-63	0.000	385	-60	1.82	0.000
7105		10.32	10.32	0.	-39	0.74	-11.1	0.	-7	0.000	0.	-27	0.51	0.000
7106		10.32	10.32	0.	-37	0.70	-10.1	0.	-21	0.000	0.	-2	0.04	0.000
7107		10.32	10.32	0.	-7	0.13	-2.1	0.	-26	0.000	0.	-26	0.50	0.000
7108		10.32	10.32	1322	-15	6.32	251.1	766	-41	0.003	327	-37	1.42	0.000
7117		10.32	10.32	0.	-44	0.84	-13.1	0.	-16	0.000	103	-27	0.73	0.000
7118		10.32	10.32	0.	-31	0.59	-9.1	0.	-10	0.000	0.	-32	0.61	0.000
7119		10.32	10.32	0.	-49	0.93	-14.1	0.	-3	0.000	0.	-4	0.07	0.000
7120		10.32	10.32	195	-25	0.90	-2.1	0.	-5	0.000	0.	-16	0.31	0.000
7121		10.32	10.32	1612	44	6.92	617.1	1150	-15	0.022	694	-21	3.12	0.008
7130		10.32	10.32	0.	-63	1.18	-18.1	0.	-35	0.000	243	-8	1.08	0.002
7131		10.32	10.32	0.	-20	0.37	-6.1	0.	-11	0.000	0.	-8	0.15	0.000
7132		10.32	10.32	141	-28	0.84	-5.1	0.	-34	0.000	0.	-7	0.12	0.000
7133		10.32	10.32	717	5	3.40	200.1	118	-27	0.000	0.	-11	0.20	0.000
7134		10.32	10.32	1372	83	3.32	765.1	986	0.	0.025	598	-15	2.77	0.008
7146		10.32	10.32	840	29	3.37	355.1	351	-13	0.003	74	-10	0.36	0.000
7147		10.32	10.32	909	106	0.00	760.1	661	4	0.020	410	-16	1.75	0.003
7148		20.19	20.19	0.	-21	0.38	-6.1	0.	-17	0.000	0.	-12	0.22	0.000
7150		30.51	30.51	136	-8	0.42	2.1	0.	-16	0.000	0.	-24	0.41	0.000
7152		10.32	10.32	766	-1	3.67	184.1	116	-19	0.000	0.	-31	0.58	0.000
7154		10.32	10.32	930	-35	4.03	74.1	0.	-6	0.000	0.	-22	0.41	0.000
7156		10.32	10.32	937	-34	4.08	79.1	0.	-9	0.000	0.	-24	0.46	0.000
7157		10.32	10.32	737	-49	2.82	12.1	0.	-24	0.000	0.	-39	0.74	0.000
7158		10.32	10.32	752	-6	3.60	158.1	0.	-41	0.000	0.	-48	0.91	0.000
7160		10.32	10.32	701	-31	2.92	42.1	0.	-60	0.000	0.	-61	1.15	0.000
7161		10.32	10.32	365	-44	1.63	-4.1	0.	-70	0.000	0.	-71	1.35	0.000
7162		10.32	10.32	697	-68	2.81	-3.1	0.	-87	0.000	0.	-77	1.46	0.000
7164		10.32	10.32	2424	-37	11.51	418.1	1787	-57	0.019	1152	-26	5.36	0.017
7167		10.32	10.32	2348	-34	11.17	414.1	1708	-52	0.019	1071	-21	5.03	0.017
7169		10.32	10.32	2240	-22	10.73	446.1	1531	-40	0.020	923	-11	4.41	0.018
7170		10.32	10.32	612	-76	2.77	-7.1	0.	-91	0.000	0.	-81	1.52	0.000
7171		10.32	10.32	0.	-77	1.44	-22.1	0.	-89	0.000	0.	-84	1.59	0.000
7172		10.32	10.32	405	-102	2.80	-19.1	0.	-106	0.000	0.	-88	1.67	0.000
7191		10.32	10.32	0.	-95	1.79	-27.1	0.	-84	0.000	0.	-65	1.22	0.000
7194		10.32	10.32	0.	-75	1.41	-21.1	0.	-50	0.000	164	-26	0.85	0.000
7195		10.32	10.32	279	-46	1.49	-7.1	437	-31	0.001	531	-21	2.28	0.004
7197		10.32	10.32	0.	-80	1.50	-23.1	0.	-55	0.000	0.	-31	0.59	0.000
7198		10.32	10.32	414	-51	1.86	-4.1	432	-4	0.009	379	-15	1.62	0.003
7199		10.32	10.32	358	-49	1.71	-5.1	352	-5	0.007	310	-17	1.23	0.001
7201		10.32	10.32	174	-22	0.80	-2.1	267	-22	0.000	267	-21	1.03	0.000
7202		10.32	10.32	499	-16	2.23	50.1	0.	-27	0.000	0.	-9	0.17	0.000
7203		10.32	10.32	453	-13	2.05	50.1	0.	-26	0.000	0.	-10	0.19	0.000
7204		10.32	10.32	648	-2	3.11	148.1	280	-21	0.000	230	-9	0.98	0.002
7205		10.32	10.32	631	-3	3.03	142.1	243	-22	0.000	185	-8	0.79	0.001
7208		10.32	10.32	914	27	3.86	360.1	219	57	0.058	6	74	0.00	0.072
7212		10.32	10.32	296	1	1.41	79.1	0.	29	0.028	0.	29	0.00	0.028
7216		10.32	10.32	309	-2	1.48	65.1	0.	-3	0.000	0.	-5	0.09	0.000
7220		10.32	10.32	913	52	2.51	490.1	92	40	0.040	0.	39	0.00	0.038
7224		10.32	10.32	596	40	1.05	353.1	172	40	0.042	45	50	0.00	0.049
7227		10.32	10.32	0.	-64	1.21	-18.1	0.	-50	0.000	0.	-36	0.68	0.000
7228		10.32	10.32	0.	-56	1.06	-16.1	0.	-50	0.000	0.	-37	0.70	0.000
7231		10.32	10.32	461	-54	2.02	-4.1	408	-18	0.002	369	-21	1.45	0.001
7232		10.32	10.32	13	-7	0.16	-2.1	168	-28	0.000	137	-22	0.71	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7233		10.32	10.32	0.	-23	0.43	-6.1	0.	-25	0.000	91	-24	0.65	0.000
7407		20.19	20.19	1397	-590	13.35	-127.1	1155	-276	0.000	999	-22	3.57	0.006
7408		20.19	20.19	1196	-535	11.96	-117.1	660	-176	0.000	279	-42	1.31	0.000
7409		20.19	20.19	4474	-476	17.53	-30.1	2572	-248	0.000	669	-18	2.38	0.003
7410		20.19	20.19	1233	-514	11.66	-111.1	1276	-232	0.000	1163	-20	4.15	0.008
7411		20.19	20.19	1366	-460	10.96	-93.1	893	-180	0.000	532	-50	1.96	0.000
7412		20.19	20.19	4648	-395	16.76	5.1	2919	-223	0.001	1175	-36	4.17	0.005
7413		20.19	20.19	1211	-418	9.91	-86.1	1438	-205	0.000	1339	-22	4.78	0.009
7414		20.19	20.19	1462	-309	8.46	-51.1	1110	-169	0.000	768	-58	2.70	0.000
7415		20.19	20.19	4955	-154	17.58	294.1	3393	-118	0.013	1817	-52	6.46	0.009
7416		20.19	20.19	829	-133	4.05	-18.1	1288	-90	0.001	1284	-25	4.59	0.008
7417		20.19	20.19	1486	-46	5.27	89.1	1252	-57	0.003	1018	-69	3.53	0.001
7418		20.19	20.19	4825	8	16.68	641.1	3694	-45	0.028	2563	-73	9.12	0.012
7419		22.77	22.77	338	25	0.13	96.1	749	-18	0.003	773	-36	2.59	0.002
7420		22.77	22.77	1533	62	3.60	317.1	1141	-5	0.008	1039	-73	3.53	0.001
7421		22.77	22.77	4663	42	14.72	628.1	3696	-29	0.025	2992	-78	10.18	0.013
7422		10.32	10.32	861	88	0.00	661.1	414	-13	0.004	343	-47	1.63	0.000
7423		10.32	10.32	1787	95	5.35	929.1	1212	12	0.040	791	-71	3.08	0.000
7424		10.32	10.32	4236	46	19.82	1268.1	3525	-23	0.078	3039	-71	14.11	0.043
7425		10.32	10.32	981	111	0.00	802.1	523	-32	0.001	212	-51	1.43	0.000
7426		10.32	10.32	1683	100	4.20	930.1	1208	18	0.045	687	-62	2.68	0.000
7427		10.32	10.32	3603	45	16.75	1112.1	3130	-17	0.071	2774	-55	13.02	0.044
7428		10.32	10.32	734	111	0.00	734.1	377	-9	0.005	124	-38	0.99	0.000
7429		10.32	10.32	1337	99	1.07	837.1	996	22	0.043	648	-40	2.49	0.001
7430		10.32	10.32	2814	47	12.85	928.1	2550	-10	0.060	2348	-37	11.15	0.042
7431		10.32	10.32	324	111	0.00	624.1	67	1	0.003	0.	-24	0.45	0.000
7432		10.32	10.32	823	97	0.00	693.1	655	27	0.040	480	-19	2.04	0.004
7433		10.32	10.32	1993	49	8.71	736.1	1930	-5	0.047	1874	-15	8.99	0.040
8318		10.32	10.32	0.	19	0.00	93.1	0.	-1	0.000	0.	-4	0.08	0.000
8319		10.32	10.32	0.	24	0.00	115.1	0.	-7	0.000	0.	-13	0.25	0.000
8320		10.32	10.32	0.	24	0.00	117.1	0.	-5	0.000	0.	-3	0.06	0.000
8321		10.32	10.32	0.	22	0.00	105.1	0.	-1	0.000	0.	-6	0.12	0.000
8322		10.32	10.32	0.	17	0.00	84.1	0.	-8	0.000	0.	-10	0.19	0.000
8323		10.32	10.32	0.	17	0.00	80.1	0.	-16	0.000	0.	0.	0.01	0.000
8324		10.32	10.32	0.	18	0.00	90.1	0.	-5	0.000	0.	-5	0.10	0.000
8325		10.32	10.32	0.	20	0.00	95.1	0.	-1	0.000	0.	-4	0.07	0.000
8326		10.32	10.32	0.	10	0.00	48.1	0.	-12	0.000	0.	-17	0.33	0.000
8327		10.32	10.32	0.	13	0.00	64.1	0.	-2	0.000	0.	-7	0.14	0.000
8328		10.32	10.32	0.	16	0.00	79.1	0.	-7	0.000	0.	-11	0.21	0.000
8329		10.32	10.32	0.	25	0.00	122.1	0.	13	0.013	0.	11	0.00	0.010
8336		10.32	10.32	469	18	1.79	210.1	0.	33	0.032	0.	33	0.00	0.032
8337		10.32	10.32	818	10	3.82	249.1	0.	28	0.027	0.	27	0.00	0.027
8339		10.32	10.32	0.	33	0.00	158.1	0.	38	0.037	0.	41	0.00	0.040
8340		10.32	10.32	0.	34	0.00	167.1	0.	33	0.032	0.	33	0.00	0.032
8342		10.32	10.32	260	-17	1.00	5.1	46	-8	0.000	119	-5	0.49	0.001
8345		10.32	10.32	650	-24	2.82	53.1	31	7	0.007	0.	10	0.00	0.010
8346		10.32	10.32	0.	14	0.00	66.1	0.	43	0.042	0.	71	0.00	0.069
8347		10.32	10.32	0.	30	0.00	145.1	0.	55	0.054	0.	73	0.00	0.071
8349		10.32	10.32	0.	24	0.00	118.1	0.	35	0.034	0.	46	0.00	0.044
8350		10.32	10.32	0.	-32	0.61	-9.1	0.	-2	0.000	0.	-15	0.28	0.000
8351		10.32	10.32	0.	-39	0.74	-11.1	0.	-4	0.000	0.	-16	0.30	0.000
8352		10.32	10.32	0.	-38	0.72	-11.1	0.	-9	0.000	0.	-19	0.35	0.000
8354		20.19	20.19	0.	-42	0.75	-11.1	0.	-8	0.000	0.	-31	0.54	0.000
8355		20.19	20.19	0.	-58	1.03	-15.1	0.	-16	0.000	0.	-26	0.46	0.000
8356		30.51	30.51	0.	-28	0.48	-7.1	0.	-48	0.000	0.	-17	0.29	0.000
8358		20.19	20.19	0.	-114	2.03	-30.1	0.	-46	0.000	60	-9	0.28	0.000
8359		20.19	20.19	0.	-126	2.25	-34.1	0.	-58	0.000	0.	-12	0.22	0.000
8360		20.19	20.19	0.	-46	0.82	-12.1	0.	-13	0.000	0.	-46	0.82	0.000
8362		20.19	20.19	0.	-432	7.71	-116.1	0.	-235	0.000	293	-119	2.71	0.000
8363		20.19	20.19	0.	-364	6.48	-97.1	0.	-163	0.000	520	-126	3.30	0.000
8364		20.19	20.19	0.	-214	3.82	-57.1	0.	-101	0.000	179	-66	1.53	0.000
8365		20.19	20.19	0.	-201	3.58	-54.1	0.	-40	0.000	43	-20	0.44	0.000
8367		20.19	20.19	0.	-129	2.31	-35.1	0.	-71	0.000	0.	-7	0.12	0.000
8368		20.19	20.19	0.	-120	2.14	-32.1	0.	-67	0.000	0.	-15	0.27	0.000
8369		20.19	20.19	0.	-16	0.29	-4.1	0.	-24	0.000	0.	-29	0.52	0.000
8371		20.19	20.19	0.	-29	0.52	-8.1	0.	-10	0.000	0.	-26	0.46	0.000
8372		20.19	20.19	0.	-50	0.90	-13.1	0.	-46	0.000	0.	-39	0.70	0.000
8373		20.19	20.19	0.	-41	0.73	-11.1	0.	-2	0.000	0.	-18	0.33	0.000
8375		20.19	20.19	194	-43	1.16	-7.1	0.	-4	0.000	0.	-31	0.56	0.000
8376		10.32	10.32	861	-40	3.53	44.1	102	-10	0.000	0.	-26	0.49	0.000
8378		10.32	10.32	857	-31	3.74	72.1	13	-4	0.000	0.	-23	0.44	0.000
8379		10.32	10.32	1280	49	4.93	565.1	772	79	0.091	431	99	0.00	0.102
8380		10.32	10.32	536	51	0.00	391.1	131	65	0.065	30	65	0.00	0.064
8381		10.32	10.32	317	77	0.00	457.1	65	61	0.060	0.	45	0.00	0.044
8382		10.32	10.32	886	123	0.00	836.1	130	101	0.100	0.	85	0.00	0.083
8383		10.32	10.32	2445	159	4.83	1421.1	1791	138	0.168	1135	119	0.00	0.135

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8384		10.32	10.32	0.	13	0.00	65.	0.	26	0.025	0.	45	0.00	0.044
8385		10.32	10.32	0.	-83	1.56	-23.	0.	-75	0.000	0.	-66	1.24	0.000
8386		10.32	10.32	412	29	0.62	248.	0.	34	0.033	0.	44	0.00	0.043
8387		10.32	10.32	449	29	0.87	262.	0.	34	0.033	0.	42	0.00	0.041
8388		10.32	10.32	723	44	1.76	402.	0.	50	0.048	0.	54	0.00	0.052
8389		10.32	10.32	0.	-1	0.02	0.	0.	-19	0.000	0.	-23	0.43	0.000
8391		10.32	10.32	0.	-13	0.25	-4.	0.	-29	0.000	0.	-28	0.53	0.000

ARMATURA INFERIORE VERTICALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE				
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP	
1718		10.18	10.18	1695	123	1.68	1066.	1000	-32	0.011	308	-176	3.99	0.000
1719		10.18	10.18	1395	172	0.00	1226.	768	-8	0.016	143	-164	3.40	0.000
1720		10.18	10.18	1134	201	0.00	1294.	583	5	0.019	34	-157	3.04	0.000
1721		10.18	10.18	1796	93	5.64	929.	646	-76	0.000	0.	-188	3.55	0.000
1722		10.18	10.18	1832	133	1.79	1153.	796	-39	0.004	0.	-178	3.36	0.000
1723		10.18	10.18	1782	167	0.00	1308.	813	-19	0.012	0.	-167	3.14	0.000
1724		10.18	10.18	1487	42	6.36	587.	136	-149	0.000	0.	-210	3.95	0.000
1725		10.18	10.18	1985	76	7.72	887.	450	-129	0.000	0.	-205	3.87	0.000
1727		10.18	10.18	1036	-39	4.51	85.	159	-166	0.000	0.	-215	4.05	0.000
1728		10.18	10.18	1669	-8	8.06	377.	586	-158	0.000	0.	-231	4.35	0.000
1729		10.18	10.18	2227	22	10.51	667.	946	-141	0.000	0.	-241	4.54	0.000
1730		10.18	10.18	0.	-84	1.59	-24.	0.	-144	0.000	0.	-200	3.76	0.000
1731		10.18	10.18	0.	-71	1.34	-20.	0.	-138	0.000	0.	-212	4.00	0.000
1732		10.18	10.18	0.	-52	0.98	-15.	0.	-135	0.000	0.	-223	4.20	0.000
1733		10.18	10.18	0.	-114	2.14	-32.	0.	-141	0.000	0.	-172	3.25	0.000
1734		10.18	10.18	0.	-118	2.22	-33.	0.	-149	0.000	0.	-185	3.48	0.000
1735		10.18	10.18	0.	-109	2.06	-31.	0.	-152	0.000	0.	-198	3.73	0.000
1738		10.18	10.18	0.	-176	3.31	-50.	0.	-101	0.000	0.	-97	1.82	0.000
1739		10.18	10.18	0.	-195	3.68	-55.	0.	-139	0.000	0.	-138	2.60	0.000
1740		10.18	10.18	0.	-215	4.05	-61.	0.	-188	0.000	0.	-186	3.51	0.000
1741		10.18	10.18	0.	-168	3.17	-48.	0.	-184	0.000	0.	-182	3.43	0.000
1747		10.18	10.18	0.	-162	3.06	-46.	0.	-182	0.000	0.	-191	3.60	0.000
1749		10.18	10.18	0.	-301	5.66	-85.	0.	-239	0.000	0.	-194	3.65	0.000
1750		10.18	10.18	0.	-235	4.43	-66.	0.	-189	0.000	0.	-185	3.49	0.000
1751		10.18	10.18	0.	-206	3.89	-58.	0.	-193	0.000	0.	-192	3.61	0.000
1752		10.18	10.18	0.	-203	3.83	-57.	0.	-217	0.000	0.	-215	4.06	0.000
1753		10.18	10.18	0.	-148	2.79	-42.	0.	-171	0.000	0.	-197	3.71	0.000
1754		10.18	10.18	3248	-270	12.62	12.	2389	-235	0.000	1538	-203	7.20	0.000
1755		10.18	10.18	98	-217	4.31	-59.	0.	-209	0.000	0.	-190	3.58	0.000
1756		10.18	10.18	0.	-193	3.63	-54.	0.	-183	0.000	0.	-181	3.42	0.000
1757		10.18	10.18	0.	-178	3.35	-50.	0.	-182	0.000	0.	-180	3.39	0.000
1758		10.18	10.18	0.	-166	3.13	-47.	0.	-183	0.000	0.	-186	3.51	0.000
1759		10.18	10.18	0.	-131	2.47	-37.	0.	-156	0.000	0.	-185	3.49	0.000
1760		10.18	10.18	3213	-165	12.89	132.	2326	-178	0.002	1446	-195	6.84	0.000
1761		10.18	10.18	882	-139	4.55	-18.	0.	-192	0.000	0.	-190	3.59	0.000
1762		10.18	10.18	0.	-148	2.80	-42.	0.	-190	0.000	0.	-188	3.55	0.000
1763		10.18	10.18	0.	-161	3.04	-46.	0.	-187	0.000	0.	-185	3.49	0.000
1764		10.18	10.18	0.	-149	2.80	-42.	0.	-177	0.000	0.	-180	3.40	0.000
1765		10.18	10.18	0.	-125	2.35	-35.	0.	-149	0.000	0.	-177	3.34	0.000
1766		10.18	10.18	2755	-56	12.99	419.	1904	-120	0.004	1059	-188	5.87	0.000
1767		10.18	10.18	1463	-51	6.47	134.	325	-155	0.000	89	-191	3.80	0.000
1768		10.18	10.18	149	-85	1.93	-21.	0.	-195	0.000	0.	-193	3.65	0.000
1769		10.18	10.18	0.	-127	2.39	-36.	0.	-192	0.000	0.	-190	3.59	0.000
1770		10.18	10.18	0.	-130	2.46	-37.	0.	-164	0.000	0.	-181	3.41	0.000
1771		10.18	10.18	0.	-123	2.32	-35.	0.	-143	0.000	0.	-167	3.15	0.000
1772		10.18	10.18	2202	41	10.03	759.	1412	-72	0.006	625	-188	4.92	0.000
1773		10.18	10.18	1682	30	7.69	572.	492	-115	0.000	0.	-196	3.69	0.000
1774		10.18	10.18	735	-16	3.45	108.	0.	-178	0.000	0.	-200	3.76	0.000
1775		10.18	10.18	144	-76	1.75	-18.	0.	-181	0.000	0.	-197	3.72	0.000
1776		10.18	10.18	0.	-98	1.84	-28.	0.	-146	0.000	0.	-184	3.48	0.000
1777		10.18	10.18	0.	-111	2.10	-31.	0.	-135	0.000	0.	-162	3.05	0.000
1778		10.18	10.18	1098	-274	7.57	-51.	844	-261	0.000	530	-247	5.81	0.000
1779		10.18	10.18	1253	-244	7.34	-39.	924	-187	0.000	610	-131	3.81	0.000
1784		10.18	10.18	102	-276	5.42	-76.	0.	-267	0.000	0.	-249	4.70	0.000
1785		10.18	10.18	56	-210	4.07	-58.	0.	-166	0.000	0.	-134	2.52	0.000
1786		10.18	10.18	0.	-56	1.05	-16.	0.	-32	0.000	0.	-10	0.18	0.000
1787		10.18	10.18	0.	-24	0.45	-7.	0.	-10	0.000	0.	-4	0.08	0.000
1788		10.18	10.18	0.	-52	0.98	-15.	0.	-38	0.000	0.	-37	0.70	0.000
1789		10.18	10.18	0.	-77	1.46	-22.	0.	-41	0.000	0.	-24	0.45	0.000
1792		10.18	10.18	0.	-78	1.47	-22.	0.	-60	0.000	0.	-56	1.06	0.000
1793		10.18	10.18	0.	-76	1.44	-22.	0.	-63	0.000	0.	-62	1.17	0.000
1794		10.18	10.18	0.	-115	2.16	-32.	0.	-92	0.000	0.	-92	1.73	0.000
1795		10.18	10.18	0.	-118	2.22	-33.	0.	-67	0.000	0.	-63	1.19	0.000
1798		10.18	10.18	0.	-117	2.21	-33.	0.	-108	0.000	0.	-107	2.02	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1799		10.18	10.18		0.	-117	2.20	-33.		0.	-108	0.000		0.	-107	2.02	0.000
1800		10.18	10.18		0.	-144	2.71	-41.		0.	-132	0.000		0.	-130	2.46	0.000
1801		10.18	10.18		0.	-159	2.99	-45.		0.	-115	0.000		0.	-114	2.16	0.000
1802		10.18	10.18		0.	-263	4.95	-74.		0.	-274	0.000		0.	-272	5.13	0.000
1803		10.18	10.18		0.	-242	4.56	-68.		0.	-258	0.000		0.	-256	4.83	0.000
1804		10.18	10.18		0.	-161	3.03	-45.		0.	-165	0.000		0.	-163	3.08	0.000
1805		10.18	10.18		0.	-138	2.59	-39.		0.	-136	0.000		0.	-134	2.53	0.000
1806		10.18	10.18		0.	-156	2.94	-44.		0.	-155	0.000		0.	-154	2.90	0.000
1807		10.18	10.18		0.	-197	3.71	-56.		0.	-166	0.000		0.	-164	3.10	0.000
1808		10.18	10.18		0.	-200	3.78	-57.		0.	-199	0.000		0.	-202	3.80	0.000
1809		10.18	10.18		0.	-186	3.50	-53.		0.	-191	0.000		0.	-201	3.79	0.000
1810		10.18	10.18		0.	-150	2.83	-42.		0.	-157	0.000		0.	-168	3.18	0.000
1811		10.18	10.18		0.	-142	2.68	-40.		0.	-147	0.000		0.	-155	2.92	0.000
1812		10.18	10.18		0.	-152	2.86	-43.		0.	-159	0.000		0.	-170	3.21	0.000
1813		10.18	10.18		0.	-165	3.12	-47.		0.	-178	0.000		0.	-176	3.32	0.000
2537		10.18	10.18		0.	-163	3.07	-46.		0.	-176	0.000		0.	-175	3.30	0.000
2538		10.18	10.18		0.	-145	2.74	-41.		0.	-159	0.000		0.	-162	3.06	0.000
2539		10.18	10.18		0.	-115	2.16	-32.		0.	-127	0.000		0.	-137	2.59	0.000
2540		10.18	10.18		0.	-91	1.72	-26.		0.	-103	0.000		0.	-121	2.28	0.000
2541		10.18	10.18		0.	-102	1.91	-29.		0.	-111	0.000		0.	-130	2.44	0.000
2542		10.18	10.18		0.	-148	2.79	-42.		0.	-153	0.000		0.	-161	3.03	0.000
2543		10.18	10.18		0.	-112	2.11	-32.		0.	-142	0.000		0.	-141	2.66	0.000
2544		10.18	10.18		0.	-99	1.87	-28.		0.	-129	0.000		0.	-134	2.53	0.000
2545		10.18	10.18		0.	-83	1.57	-24.		0.	-109	0.000		0.	-108	2.03	0.000
2546		10.18	10.18		0.	-78	1.48	-22.		0.	-101	0.000		0.	-100	1.89	0.000
2547		10.18	10.18		0.	-110	2.08	-31.		0.	-133	0.000		0.	-132	2.49	0.000
2548		10.18	10.18		0.	-195	3.68	-55.		0.	-212	0.000		0.	-211	3.97	0.000
2550		10.18	10.18		34	-40	0.83	-11.		46	-91	0.000		58	-94	1.89	0.000
2551		10.18	10.18		0.	-27	0.50	-8.		0.	-62	0.000		0.	-61	1.15	0.000
2552		10.18	10.18		0.	-37	0.70	-11.		0.	-57	0.000		0.	-56	1.05	0.000
2553		10.18	10.18		0.	-78	1.47	-22.		0.	-97	0.000		0.	-96	1.81	0.000
2554		10.18	10.18		0.	-177	3.34	-50.		0.	-184	0.000		0.	-183	3.45	0.000
2556		10.18	10.18		281	-2	1.35	59.		10	-39	0.000		0.	-46	0.86	0.000
2557		10.18	10.18		58	28	0.00	151.		0.	8	0.008		0.	1	0.00	0.001
2558		10.18	10.18		0.	17	0.00	84.		0.	7	0.007		0.	7	0.00	0.007
2559		10.18	10.18		0.	-24	0.45	-7.		0.	-39	0.000		0.	-39	0.74	0.000
2563		10.18	10.18		169	30	0.00	192.		0.	5	0.005		0.	-6	0.11	0.000
2564		10.18	10.18		43	53	0.00	270.		0.	62	0.062		0.	57	0.00	0.057
2565		10.18	10.18		563	-3	2.72	126.		284	-16	0.001		161	-29	0.89	0.000
2566		10.18	10.18		114	49	0.00	270.		0.	42	0.042		0.	39	0.00	0.039
2568		10.18	10.18		955	79	0.00	651.		0.	118	0.118		0.	119	0.00	0.118
2569		10.18	10.18		953	79	0.00	648.		0.	157	0.157		0.	157	0.00	0.157
2571		10.18	10.18		3757	-234	14.49	83.		2126	-243	0.000		496	-256	5.91	0.000
2572		10.18	10.18		3250	-100	14.67	346.		1795	-146	0.001		342	-194	4.41	0.000
2573		10.18	10.18		1508	190	0.00	1343.		500	104	0.111		0.	16	0.00	0.016
2574		10.18	10.18		1663	-436	11.86	-84.		560	-362	0.000		0.	-357	6.74	0.000
2577		10.18	10.18		0.	-194	3.66	-55.		0.	-192	0.000		0.	-189	3.57	0.000
2578		10.18	10.18		162	-119	2.60	-30.		0.	-120	0.000		0.	-119	2.24	0.000
2579		10.18	10.18		987	-186	5.67	-29.		579	-184	0.000		406	-176	4.21	0.000
2582		10.18	10.18		473	-117	3.25	-22.		292	-126	0.000		162	-132	2.84	0.000
2694		10.18	10.18		12	-196	3.71	-55.		0.	-196	0.000		0.	-183	3.45	0.000
2695		10.18	10.18		184	-58	1.50	-12.		222	-113	0.000		224	-112	2.61	0.000
2696		10.18	10.18		258	-45	1.41	-7.		241	-104	0.000		252	-105	2.53	0.000
2697		10.18	10.18		71	-78	1.63	-20.		20	-107	0.000		70	-113	2.29	0.000
2699		10.18	10.18		100	-55	1.26	-13.		48	-82	0.000		48	-82	1.65	0.000
2700		10.18	10.18		380	-4	1.83	73.		136	-50	0.000		133	-49	1.22	0.000
2701		10.18	10.18		289	-42	1.43	-5.		83	-92	0.000		64	-86	1.77	0.000
2703		10.18	10.18		166	5	0.71	66.		0.	-85	0.000		0.	-92	1.73	0.000
2704		10.18	10.18		204	27	0.00	188.		0.	2	0.002		0.	-12	0.22	0.000
2705		10.18	10.18		91	-30	0.76	-6.		0.	-70	0.000		0.	-64	1.20	0.000
2707		10.18	10.18		1648	253	0.00	1690.		540	53	0.063		0.	-150	2.82	0.000
2708		10.18	10.18		965	81	0.00	663.		0.	-48	0.000		0.	-47	0.89	0.000
3894		10.18	10.18		1962	167	0.00	1355.		829	-22	0.011		0.	-175	3.29	0.000
3896		10.18	10.18		2506	101	9.50	1147.		917	-92	0.000		0.	-197	3.71	0.000
3897		10.18	10.18		2289	99	8.32	1084.		721	-100	0.000		0.	-202	3.82	0.000
7031		23.58	23.58		10097	-207	33.83	713.		8191	-139	0.031		6753	-121	22.58	0.025
7032		10.18	10.18		8760	-92	42.16	1729.		7283	-48	0.165		6130	-37	29.59	0.141
7033		10.18	10.18		6836	-3	32.94	1688.		5952	-84	0.113		5257	17	25.22	0.150
7034		10.18	10.18		4499	-81	21.35	731.		4061	6	0.111		3687	33	17.45	0.123
7035		10.18	10.18		2826	-30	13.60	554.		2583	-36	0.049		2394	-42	11.38	0.041
7037		10.18	10.18		8261	-238	37.67	949.		7910	-145	0.133		7590	-34	36.65	0.181
7039		10.18	10.18		11895	-69	57.43	2620.		11829	-143	0.236		11749	-212	55.75	0.200
7040		10.18	10.18		12394	-332	57.03	1528.		11570	-348	0.134		11435	-266	53.37	0.166
7041		10.18	10.18		11116	-263	51.81	1522.		10142	-194	0.167		10018	-145	47.92	0.188
7042		10.18	10.18		8616	-123	41.23	1546.		7703	-102	0.149		7378	-89	35.44	0.147
7043		10.18	10.18		5816	-116	27.45	892.		5059	-8	0.128		4821	-54	23.18	0.098

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7044		23.58	23.58		2932	-606	16.39	-97.		1212	-562	0.000		0.	-488	8.56	0.000	
7052		10.18	10.18		973	-179	5.51	-28.		2297	-244	0.000		2857	-307	12.06	0.000	
7053		10.18	10.18		1425	-236	7.57	-33.		2116	-254	0.000		2604	-271	10.81	0.000	
7054		10.18	10.18		3740	-297	14.42	22.		3454	-235	0.006		3029	-170	11.91	0.010	
7055		10.18	10.18		4631	-279	17.94	116.		3784	-224	0.011		2974	-149	12.02	0.014	
7056		10.18	10.18		4946	-142	22.57	572.		3656	-133	0.033		2388	-106	9.97	0.015	
7066		10.18	10.18		0.	-380	7.17	-108.		0.	-305	0.000		0.	-233	4.38	0.000	
7067		10.18	10.18		0.	-370	6.98	-105.		0.	-256	0.000		0.	-181	3.41	0.000	
7068		10.18	10.18		749	-339	8.04	-78.		362	-221	0.000		290	-155	3.56	0.000	
7069		10.18	10.18		1856	-238	8.55	-23.		1130	-159	0.000		731	-134	4.12	0.000	
7079		10.18	10.18		0.	-482	9.09	-136.		0.	-356	0.000		0.	-234	4.40	0.000	
7080		10.18	10.18		0.	-425	8.01	-120.		0.	-300	0.000		0.	-201	3.79	0.000	
7081		10.18	10.18		0.	-342	6.44	-97.		0.	-250	0.000		0.	-185	3.48	0.000	
7082		10.18	10.18		0.	-178	3.35	-50.		0.	-188	0.000		0.	-167	3.14	0.000	
7092		10.18	10.18		0.	-515	9.70	-146.		0.	-350	0.000		0.	-241	4.54	0.000	
7093		10.18	10.18		0.	-437	8.23	-124.		0.	-290	0.000		0.	-219	4.13	0.000	
7094		10.18	10.18		0.	-338	6.37	-96.		0.	-244	0.000		0.	-210	3.97	0.000	
7095		10.18	10.18		0.	-152	2.86	-43.		0.	-188	0.000		0.	-195	3.68	0.000	
7105		10.18	10.18		0.	-493	9.29	-139.		0.	-365	0.000		0.	-240	4.53	0.000	
7106		10.18	10.18		0.	-421	7.93	-119.		0.	-322	0.000		0.	-231	4.36	0.000	
7107		10.18	10.18		0.	-305	5.74	-86.		0.	-267	0.000		0.	-225	4.23	0.000	
7108		10.18	10.18		0.	-120	2.27	-34.		0.	-190	0.000		0.	-211	3.97	0.000	
7117		10.18	10.18		0.	-511	9.63	-144.		0.	-356	0.000		0.	-248	4.67	0.000	
7118		10.18	10.18		0.	-457	8.62	-129.		0.	-317	0.000		0.	-243	4.59	0.000	
7119		10.18	10.18		0.	-372	7.00	-105.		0.	-274	0.000		0.	-239	4.51	0.000	
7120		10.18	10.18		80	-233	4.57	-64.		0.	-213	0.000		0.	-225	4.24	0.000	
7121		10.18	10.18		775	-71	3.03	-2.		0.	-149	0.000		0.	-212	3.99	0.000	
7130		10.18	10.18		0.	-564	10.62	-159.		0.	-358	0.000		105	-273	5.37	0.000	
7131		10.18	10.18		229	-481	9.57	-131.		0.	-328	0.000		0.	-259	4.88	0.000	
7132		10.18	10.18		1837	-332	10.28	-50.		826	-251	0.000		0.	-232	4.38	0.000	
7133		10.18	10.18		2400	-186	9.23	17.		1437	-198	0.000		471	-213	5.05	0.000	
7134		10.18	10.18		2264	-32	10.83	406.		1394	-115	0.001		519	-201	4.93	0.000	
7146		10.18	10.18		4603	-135	20.93	518.		3401	-165	0.017		2190	-198	8.68	0.000	
7147		10.18	10.18		3382	-7	16.31	806.		2448	-97	0.019		1505	-190	6.87	0.000	
7148		23.58	23.58		1662	-960	20.09	-217.		876	-769	0.000		125	-586	10.51	0.000	
7150		23.58	23.58		2568	-863	20.17	-172.		1255	-740	0.000		0.	-607	10.63	0.000	
7152		10.18	10.18		2597	-776	20.33	-158.		1287	-699	0.000		0.	-610	11.50	0.000	
7154		10.18	10.18		2652	-699	18.99	-135.		1190	-646	0.000		0.	-600	11.31	0.000	
7156		10.18	10.18		2772	-596	17.32	-103.		1318	-597	0.000		0.	-606	11.42	0.000	
7157		10.18	10.18		3536	-654	20.07	-101.		1772	-526	0.000		0.	-406	7.65	0.000	
7158		10.18	10.18		2789	-541	16.32	-87.		1424	-550	0.000		0.	-566	10.67	0.000	
7160		10.18	10.18		1864	-500	13.50	-97.		0.	-627	0.000		0.	-623	11.75	0.000	
7161		10.18	10.18		1200	-801	17.72	-198.		0.	-489	0.000		0.	-486	9.16	0.000	
7162		10.18	10.18		1792	-350	10.52	-56.		684	-390	0.000		25	-387	7.36	0.000	
7164		10.18	10.18		1828	-326	10.14	-49.		709	-398	0.000		53	-396	7.58	0.000	
7167		10.18	10.18		3384	-427	15.47	-41.		1698	-478	0.000		505	-432	9.25	0.000	
7169		10.18	10.18		4544	-424	17.94	-12.		2655	-378	0.000		763	-337	8.03	0.000	
7170		10.18	10.18		2989	-395	14.00	-41.		1393	-476	0.000		401	-439	9.16	0.000	
7171		10.18	10.18		4647	-448	18.63	-17.		2724	-395	0.000		798	-348	8.30	0.000	
7172		10.18	10.18		3720	-225	14.41	92.		2101	-236	0.000		483	-252	5.81	0.000	
7191		10.18	10.18		7371	-661	29.16	2.		5688	-489	0.001		4135	-322	15.90	0.003	
7194		10.18	10.18		6939	-544	26.71	46.		5518	-411	0.006		4062	-282	15.53	0.006	
7195		10.18	10.18		7010	-546	26.96	49.		5514	-415	0.005		4141	-288	15.83	0.006	
7197		10.18	10.18		7281	-629	28.53	14.		5652	-468	0.002		4172	-312	15.98	0.004	
7198		10.18	10.18		6353	-452	24.29	78.		4789	-355	0.005		3533	-262	13.53	0.004	
7199		10.18	10.18		6448	-389	24.99	161.		4972	-314	0.011		3732	-244	14.31	0.007	
7201		10.18	10.18		6824	-518	26.17	57.		5344	-397	0.005		4017	-281	15.35	0.006	
7202		10.18	10.18		5132	-274	20.39	189.		3710	-246	0.007		2282	-221	9.16	0.000	
7203		10.18	10.18		5422	-224	23.06	374.		4016	-216	0.015		2603	-211	10.07	0.001	
7204		10.18	10.18		5927	-271	24.54	328.		4469	-244	0.016		3339	-219	12.80	0.006	
7205		10.18	10.18		5990	-316	23.88	229.		4437	-270	0.011		3183	-228	12.17	0.004	
7208		10.18	10.18		916	-43	3.78	49.		591	-5	0.013		392	28	0.52	0.035	
7212		10.18	10.18		568	8	2.64	182.		212	28	0.031		65	41	0.00	0.041	
7216		10.18	10.18		440	23	1.34	231.		0.	16	0.015		0.	15	0.00	0.015	
7220		10.18	10.18		914	-45	3.70	42.		412	-24	0.001		77	0.	0.37	0.002	
7224		10.18	10.18		1599	-205	7.37	-20.		1065	-142	0.000		560	-81	2.75	0.000	
7227		10.18	10.18		2683	-370	12.86	-41.		2003	-270	0.000		1291	-173	6.09	0.000	
7228		10.18	10.18		2377	-338	11.58	-39.		1712	-245	0.000		1056	-155	5.24	0.000	
7231		10.18	10.18		3099	-353	13.45	-26.		2347	-287	0.000		1566	-225	7.67	0.000	
7232		10.18	10.18		2774	-364	12.94	-37.		2030	-289	0.000		1294	-214	6.88	0.000	
7233		10.18	10.18		2778	-400	13.63	-47.		2079	-302	0.000		1384	-198	6.76	0.000	
7407		10.18	10.18		3787	4	18.21	965.		3155	-11	0.077		2775	-17	13.39	0.064	
7408		10.18	10.18		2658	102	10.34	1186.		2083	52	0.098		1763	4	8.47	0.049	
7409		10.18	10.18		2033	126	4.66	1166.		1495	46	0.078		1391	-27	6.58	0.023	
7410		10.18	10.18		5033	-60	24.18	961.		3315	-33	0.070		1608	-80	6.51	0.008	
7411		10.18	10.18		5070	69	23.64	1611.		3062	-3	0.079		1059	-62	4.12	0.003	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7412		10.18	10.18		5022	161	20.81	2082.		2820	44	0.109		620	-56	2.46	0.000	
7413		10.18	10.18		2570	-21	12.40	537.		1531	-45	0.018		806	-120	4.02	0.000	
7414		10.18	10.18		2910	97	11.91	1227.		1723	-4	0.043		719	-108	3.61	0.000	
7415		10.18	10.18		3112	251	0.00	2080.		1800	77	0.114		577	-88	2.92	0.000	
7416		10.18	10.18		958	22	4.26	351.		337	-66	0.000		121	-157	3.22	0.000	
7417		10.18	10.18		1456	197	0.00	1365.		699	-23	0.007		358	-148	3.58	0.000	
7418		10.18	10.18		1722	376	0.00	2315.		909	55	0.073		444	-126	3.35	0.000	
7419		10.18	10.18		137	76	0.00	408.		0.	-94	0.000		0.	-184	3.46	0.000	
7420		10.18	10.18		737	220	0.00	1280.		156	-34	0.000		0.	-177	3.33	0.000	
7421		10.18	10.18		1189	367	0.00	2127.		448	17	0.026		195	-158	3.41	0.000	
7422		10.18	10.18		621	84	0.00	580.		0.	-82	0.000		0.	-198	3.73	0.000	
7423		10.18	10.18		1041	211	0.00	1321.		202	-23	0.000		0.	-192	3.62	0.000	
7424		10.18	10.18		1253	329	0.00	1955.		371	24	0.032		0.	-179	3.37	0.000	
7425		10.18	10.18		1202	97	0.00	802.		359	-67	0.000		0.	-199	3.76	0.000	
7426		10.18	10.18		1388	208	0.00	1400.		597	-9	0.011		35	-195	3.75	0.000	
7427		10.18	10.18		1373	294	0.00	1820.		666	44	0.057		69	-176	3.47	0.000	
7428		10.18	10.18		1907	113	4.89	1063.		1181	-38	0.013		448	-191	4.58	0.000	
7429		10.18	10.18		1613	200	0.00	1423.		985	8	0.032		349	-184	4.24	0.000	
7430		10.18	10.18		1375	259	0.00	1649.		822	37	0.054		260	-166	3.70	0.000	
7431		10.18	10.18		2249	109	7.49	1128.		1568	-36	0.023		878	-183	5.37	0.000	
7432		10.18	10.18		1565	182	0.00	1319.		1037	3	0.029		500	-168	4.26	0.000	
7433		10.18	10.18		1173	229	0.00	1444.		735	22	0.038		288	-159	3.62	0.000	
8318		10.18	10.18		0.	-190	3.59	-54.		0.	-163	0.000		0.	-161	3.04	0.000	
8319		10.18	10.18		0.	-213	4.02	-60.		0.	-206	0.000		0.	-205	3.85	0.000	
8320		10.18	10.18		0.	-218	4.10	-62.		0.	-208	0.000		0.	-206	3.88	0.000	
8321		10.18	10.18		0.	-217	4.09	-61.		0.	-195	0.000		0.	-193	3.64	0.000	
8322		10.18	10.18		0.	-210	3.96	-59.		0.	-144	0.000		0.	-142	2.68	0.000	
8323		10.18	10.18		0.	-219	4.12	-62.		0.	-173	0.000		0.	-172	3.24	0.000	
8324		10.18	10.18		0.	-221	4.16	-62.		0.	-172	0.000		0.	-171	3.23	0.000	
8325		10.18	10.18		0.	-217	4.09	-61.		0.	-154	0.000		0.	-153	2.88	0.000	
8326		10.18	10.18		0.	-227	4.28	-64.		0.	-127	0.000		0.	-125	2.36	0.000	
8327		10.18	10.18		0.	-248	4.67	-70.		0.	-157	0.000		0.	-152	2.87	0.000	
8328		10.18	10.18		0.	-250	4.71	-71.		0.	-158	0.000		0.	-156	2.93	0.000	
8329		10.18	10.18		0.	-212	4.00	-60.		0.	-127	0.000		0.	-122	2.31	0.000	
8336		10.18	10.18		0.	-267	5.04	-76.		0.	-268	0.000		0.	-267	5.03	0.000	
8337		10.18	10.18		0.	-242	4.56	-68.		0.	-248	0.000		0.	-247	4.65	0.000	
8339		10.18	10.18		0.	-193	3.63	-55.		0.	-198	0.000		0.	-197	3.70	0.000	
8340		10.18	10.18		0.	-249	4.69	-70.		0.	-251	0.000		0.	-250	4.71	0.000	
8342		10.18	10.18		98	-266	5.23	-73.		0.	-254	0.000		0.	-248	4.67	0.000	
8345		10.18	10.18		0.	-248	4.67	-70.		0.	-240	0.000		0.	-238	4.48	0.000	
8346		10.18	10.18		0.	-223	4.20	-63.		0.	-197	0.000		0.	-187	3.53	0.000	
8347		10.18	10.18		0.	-159	2.99	-45.		0.	-148	0.000		0.	-145	2.74	0.000	
8349		10.18	10.18		0.	-259	4.87	-73.		0.	-244	0.000		0.	-242	4.56	0.000	
8350		10.18	10.18		0.	-497	9.38	-141.		0.	-363	0.000		0.	-233	4.39	0.000	
8351		10.18	10.18		0.	-528	9.96	-149.		0.	-387	0.000		0.	-249	4.70	0.000	
8352		10.18	10.18		0.	-510	9.62	-144.		0.	-367	0.000		0.	-229	4.31	0.000	
8354		10.18	10.18		0.	-470	8.86	-133.		0.	-356	0.000		0.	-247	4.66	0.000	
8355		10.18	10.18		0.	-544	10.26	-154.		0.	-398	0.000		0.	-256	4.83	0.000	
8356		10.18	10.18		0.	-487	9.19	-138.		0.	-361	0.000		0.	-239	4.51	0.000	
8358		10.18	10.18		0.	-415	7.82	-117.		0.	-345	0.000		0.	-279	5.27	0.000	
8359		10.18	10.18		0.	-509	9.60	-144.		0.	-381	0.000		0.	-257	4.85	0.000	
8360		10.18	10.18		0.	-447	8.43	-126.		0.	-356	0.000		0.	-269	5.07	0.000	
8362		10.18	10.18		0.	-246	4.64	-70.		0.	-277	0.000		396	-312	6.74	0.000	
8363		10.18	10.18		0.	-383	7.23	-108.		0.	-316	0.000		0.	-252	4.75	0.000	
8364		10.18	10.18		0.	-348	6.57	-99.		0.	-327	0.000		0.	-311	5.86	0.000	
8365		23.58	23.58		0.	-562	9.84	-148.		0.	-597	0.000		0.	-514	9.00	0.000	
8367		23.58	23.58		0.	-953	16.70	-250.		0.	-743	0.000		0.	-539	9.44	0.000	
8368		23.58	23.58		0.	-1253	21.95	-329.		0.	-880	0.000		0.	-513	8.99	0.000	
8369		23.58	23.58		0.	-479	8.40	-126.		0.	-495	0.000		701	-517	10.43	0.000	
8371		23.58	23.58		3226	-770	19.83	-134.		2003	-664	0.000		590	-548	10.76	0.000	
8372		23.58	23.58		4656	-1069	27.88	-182.		2786	-827	0.000		688	-593	11.73	0.000	
8373		23.58	23.58		2423	-629	15.78	-114.		1426	-567	0.000		313	-481	9.05	0.000	
8375		23.58	23.58		2563	-785	18.79	-152.		1279	-678	0.000		0.	-535	9.37	0.000	
8376		10.18	10.18		3224	-631	18.95	-102.		1668	-548	0.000		0.	-472	8.89	0.000	
8378		10.18	10.18		2786	-682	18.96	-127.		1293	-615	0.000		0.	-555	10.46	0.000	
8379		10.18	10.18		1211	-97	4.67	7.		858	-51	0.002		569	-7	2.73	0.011	
8380		10.18	10.18		963	0.	4.64	239.		605	22	0.035		363	42	0.00	0.048	
8381		10.18	10.18		441	13	1.86	178.		146	3	0.006		0.	7	0.00	0.007	
8382		10.18	10.18		844	10	3.96	262.		367	12	0.020		28	17	0.00	0.018	
8383		10.18	10.18		1365	-119	5.36	2.		836	-78	0.000		377	-37	1.52	0.000	
8384		10.18	10.18		2143	-260	9.59	-23.		1511	-183	0.000		889	-109	4.01	0.000	
8385		10.18	10.18		2438	-308	11.14	-29.		1751	-220	0.000		1074	-135	4.90	0.000	
8386		10.18	10.18		0.	-225	4.24	-64.		0.	-138	0.000		0.	-95	1.79	0.000	
8387		10.18	10.18		0.	-208	3.92	-59.		0.	-128	0.000		0.	-88	1.66	0.000	
8388		10.18	10.18		0.	-164	3.09	-46.		0.	-102	0.000		0.	-66	1.24	0.000	
8389		10.18	10.18		0.	-280	5.28	-79.		0.	-157	0.000		0.	-146	2.76	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8391 | 10.18 10.18 | 0. -303 5.71 -86. | 0. -194 0.000 | 0. -145 2.74 0.000 |

ARMATURA SUPERIORE ORIZZONTALE

GUSCI	COMBINAZIONE RARA		COMB. FREQUENTE			COMB. QUASI PERMANENTE							
	Af	Afc	Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP
1718	10.32	10.32	317	122	0.00	676.	356	31	0.037	484	-16	2.15	0.005
1719	10.32	10.32	0.	101	0.00	491.	0.	31	0.030	0.	-2	0.05	0.000
1720	10.32	10.32	0.	55	0.00	266.	0.	3	0.003	0.	-16	0.29	0.000
1721	10.32	10.32	471	142	0.00	816.	215	19	0.023	176	-10	0.69	0.001
1722	10.32	10.32	118	110	0.00	562.	0.	25	0.025	21	-9	0.13	0.000
1723	10.32	10.32	0.	56	0.00	272.	0.	0.	0.000	0.	-3	0.07	0.000
1724	10.32	10.32	534	158	0.00	911.	0.	-2	0.000	0.	-9	0.16	0.000
1725	10.32	10.32	327	113	0.00	634.	146	20	0.022	130	-7	0.52	0.001
1727	10.32	10.32	918	158	0.00	1012.	0.	-12	0.000	0.	-14	0.26	0.000
1728	10.32	10.32	1059	106	0.00	801.	658	12	0.027	267	-14	1.07	0.001
1729	10.32	10.32	324	44	0.00	300.	338	-2	0.008	185	-6	0.82	0.002
1730	10.32	10.32	1002	117	0.00	839.	84	-16	0.000	0.	-19	0.35	0.000
1731	10.32	10.32	1528	72	5.16	747.	976	4	0.028	437	-6	2.08	0.008
1732	10.32	10.32	1301	13	6.10	384.	829	-4	0.019	369	-11	1.67	0.004
1733	10.32	10.32	899	84	0.00	650.	220	-10	0.001	10	-23	0.40	0.000
1734	10.32	10.32	1677	50	7.05	664.	1079	0.	0.028	497	-2	2.39	0.012
1735	10.32	10.32	1435	7	6.82	387.	917	-4	0.021	412	-10	1.90	0.006
1738	10.32	10.32	343	32	0.00	249.	1051	34	0.055	1064	35	4.36	0.056
1739	10.32	10.32	287	15	0.90	146.	1503	8	0.044	1498	8	7.11	0.044
1740	10.32	10.32	832	12	3.83	266.	1425	-5	0.034	1337	-7	6.42	0.031
1741	10.32	10.32	997	15	4.58	322.	1485	-8	0.034	1452	-12	6.96	0.031
1747	10.32	10.32	1376	26	6.22	469.	2499	-3	0.062	2465	-4	11.81	0.061
1749	10.32	10.32	396	-8	1.85	58.	990	-7	0.022	1085	-9	5.20	0.023
1750	10.32	10.32	1072	21	4.83	367.	1293	-18	0.024	1306	-18	6.22	0.024
1751	10.32	10.32	1257	22	5.72	420.	1157	-1	0.029	1154	0.	5.52	0.029
1752	10.32	10.32	1216	24	5.47	421.	1339	-14	0.027	1349	-5	6.47	0.032
1753	10.32	10.32	1273	25	5.74	437.	1551	-13	0.033	1565	-8	7.51	0.036
1754	10.32	10.32	0.	-27	0.51	-8.	0.	-37	0.000	230	-14	0.89	0.001
1755	10.32	10.32	0.	10	0.00	48.	411	-21	0.002	652	-7	3.12	0.013
1756	10.32	10.32	218	25	0.00	181.	524	-17	0.005	620	-3	2.98	0.014
1757	10.32	10.32	838	23	3.58	324.	590	-6	0.012	590	-8	2.81	0.011
1758	10.32	10.32	1103	29	4.76	418.	973	-14	0.018	989	-14	4.71	0.018
1759	10.32	10.32	1227	31	5.33	459.	1214	-11	0.026	1239	-17	5.90	0.023
1760	10.32	10.32	0.	17	0.00	81.	0.	-17	0.000	34	-8	0.08	0.000
1761	10.32	10.32	0.	37	0.00	177.	177	-14	0.000	374	-8	1.75	0.006
1762	10.32	10.32	39	35	0.00	179.	184	-20	0.000	251	-9	1.09	0.002
1763	10.32	10.32	567	29	1.79	288.	268	-3	0.006	262	-14	1.04	0.001
1764	10.32	10.32	1039	32	4.32	420.	813	-14	0.014	793	-20	3.66	0.011
1765	10.32	10.32	1292	37	5.48	505.	1153	-8	0.025	1125	-23	5.28	0.018
1766	10.32	10.32	0.	55	0.00	267.	0.	-6	0.000	0.	-10	0.19	0.000
1767	10.32	10.32	0.	63	0.00	305.	11	-12	0.000	115	-13	0.01	0.000
1768	10.32	10.32	23	54	0.00	267.	0.	-2	0.000	0.	-15	0.29	0.000
1769	10.32	10.32	336	45	0.00	311.	0.	-8	0.000	0.	-19	0.36	0.000
1770	10.32	10.32	905	39	3.28	422.	562	-19	0.005	509	-24	2.09	0.003
1771	10.32	10.32	1263	42	5.16	522.	997	-14	0.018	919	-27	4.16	0.011
1772	10.32	10.32	0.	96	0.00	465.	0.	-7	0.000	0.	-20	0.38	0.000
1773	10.32	10.32	0.	77	0.00	373.	0.	-17	0.000	0.	-23	0.44	0.000
1774	10.32	10.32	0.	32	0.00	156.	0.	-9	0.000	0.	-21	0.40	0.000
1775	10.32	10.32	0.	16	0.00	79.	0.	-11	0.000	0.	-20	0.38	0.000
1776	10.32	10.32	65	10	0.00	67.	0.	-2	0.000	0.	-24	0.45	0.000
1777	10.32	10.32	310	12	1.19	137.	91	-20	0.000	36	-27	0.43	0.000
1778	10.32	10.32	0.	-113	2.14	-32.	216	-96	0.000	570	-85	0.36	0.000
1779	10.32	10.32	3449	-60	16.30	563.	2234	5	0.061	1019	85	0.00	0.102
1784	10.32	10.32	0.	-84	1.58	-24.	722	-39	0.003	753	-30	3.23	0.006
1785	10.32	10.32	2693	-29	12.88	523.	1826	24	0.066	957	79	0.00	0.095
1786	10.32	10.32	497	34	0.77	299.	394	64	0.068	503	75	0.00	0.081
1787	10.32	10.32	175	1	0.83	47.	279	23	0.028	303	23	0.04	0.028
1788	10.32	10.32	0.	-11	0.21	-3.	225	-11	0.001	243	-14	0.96	0.001
1789	10.32	10.32	117	29	0.00	171.	200	33	0.035	287	33	0.00	0.037
1792	10.32	10.32	823	17	3.70	285.	574	31	0.042	586	33	1.61	0.044
1793	10.32	10.32	485	-2	2.33	109.	321	-18	0.001	319	-17	1.26	0.001
1794	10.32	10.32	264	-38	0.13	-17.	326	-36	0.000	324	-36	0.02	0.000
1795	10.32	10.32	320	-3	1.53	64.	566	-5	0.012	581	-4	2.78	0.013
1798	10.32	10.32	833	9	3.89	250.	801	4	0.024	779	3	3.71	0.022
1799	10.32	10.32	686	-23	3.04	65.	449	-28	0.001	389	-3	1.87	0.008
1800	10.32	10.32	609	-32	2.42	23.	259	-46	0.000	250	-47	0.34	0.000
1801	10.32	10.32	568	-15	2.61	71.	585	-26	0.004	554	-26	2.28	0.003
1802	10.32	10.32	38	36	0.00	183.	1030	37	0.057	1076	32	4.53	0.054
1803	10.32	10.32	1237	38	5.17	494.	1910	27	0.070	1864	22	8.68	0.065
1804	10.32	10.32	1021	17	4.67	335.	834	2	0.023	688	-6	3.30	0.015

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1805		10.32	10.32		790	-3	3.79	179.		501	-18	0.004		353	-1	1.69	0.008	
1806		10.32	10.32		810	-15	3.82	127.		333	-27	0.000		290	-38	0.09	0.000	
1807		10.32	10.32		860	-5	4.13	185.		490	-5	0.010		464	-7	2.20	0.008	
1808		10.32	10.32		541	44	0.00	360.		1658	36	0.071		1701	29	7.77	0.066	
1809		10.32	10.32		1461	39	6.28	557.		1775	22	0.063		1694	16	7.96	0.055	
1810		10.32	10.32		1124	24	5.01	397.		763	4	0.022		551	-7	2.63	0.011	
1811		10.32	10.32		879	11	4.09	270.		534	-10	0.009		317	-26	1.23	0.000	
1812		10.32	10.32		911	0.	4.36	224.		408	-17	0.003		346	-33	0.13	0.000	
1813		10.32	10.32		952	5	4.51	260.		547	-7	0.010		599	-11	2.83	0.010	
2537		10.32	10.32		0.	-35	0.66	-10.		0.	-14	0.000		0.	-14	0.27	0.000	
2538		10.32	10.32		1337	-29	6.25	194.		1441	-36	0.019		1430	-36	6.59	0.019	
2539		10.32	10.32		1452	-2	6.96	348.		1504	-28	0.025		1518	0.	7.27	0.039	
2540		10.32	10.32		1113	46	4.13	508.		1195	5	0.035		1214	-2	5.82	0.030	
2541		10.32	10.32		961	89	0.00	691.		783	38	0.052		840	21	3.67	0.038	
2542		10.32	10.32		0.	80	0.00	386.		123	35	0.036		177	25	0.00	0.027	
2543		10.32	10.32		0.	-46	0.87	-13.		0.	-24	0.000		0.	-21	0.39	0.000	
2544		10.32	10.32		901	-32	3.94	78.		1005	-46	0.006		997	-45	4.12	0.006	
2545		10.32	10.32		1281	1	6.12	322.		1340	-32	0.019		1347	-3	6.46	0.033	
2546		10.32	10.32		1079	49	3.77	516.		1132	9	0.036		1143	4	5.45	0.032	
2547		10.32	10.32		740	85	0.00	611.		656	41	0.052		693	29	2.56	0.042	
2548		10.32	10.32		0.	81	0.00	394.		0.	45	0.044		0.	37	0.00	0.036	
2550		10.32	10.32		129	-8	0.50	4.		246	-57	0.000		251	-61	0.59	0.000	
2551		10.32	10.32		950	21	4.21	340.		1019	-2	0.025		1014	-1	4.86	0.025	
2552		10.32	10.32		964	66	1.55	577.		982	38	0.057		977	38	3.74	0.057	
2553		10.32	10.32		432	82	0.00	512.		423	55	0.061		422	55	0.00	0.061	
2554		10.32	10.32		0.	78	0.00	379.		0.	62	0.061		0.	62	0.00	0.060	
2556		10.32	10.32		66	-8	0.01	-4.		0.	-27	0.000		0.	-28	0.52	0.000	
2557		10.32	10.32		783	44	2.18	418.		770	52	0.065		766	52	1.31	0.065	
2558		10.32	10.32		914	55	2.26	506.		1098	75	0.094		1093	74	1.82	0.093	
2559		10.32	10.32		321	71	0.00	430.		790	75	0.087		788	74	0.00	0.086	
2563		10.32	10.32		0.	10	0.00	51.		0.	46	0.045		0.	47	0.00	0.046	
2564		10.32	10.32		759	50	1.49	442.		820	89	0.101		815	89	0.00	0.100	
2565		10.32	10.32		79	40	0.00	216.		844	69	0.083		891	72	0.00	0.087	
2566		10.32	10.32		946	45	3.21	462.		1298	86	0.109		1294	85	2.44	0.108	
2568		10.32	10.32		0.	4	0.00	20.		0.	23	0.022		0.	19	0.00	0.019	
2569		10.32	10.32		0.	41	0.00	201.		0.	129	0.125		0.	162	0.00	0.158	
2571		10.32	10.32		0.	-39	0.73	-11.		0.	-18	0.000		0.	12	0.00	0.011	
2572		10.32	10.32		0.	-13	0.24	-4.		412	36	0.042		590	50	0.00	0.059	
2573		10.32	10.32		0.	45	0.00	219.		0.	70	0.068		0.	91	0.00	0.088	
2574		10.32	10.32		0.	-52	0.98	-15.		0.	-5	0.000		0.	-29	0.55	0.000	
2577		10.32	10.32		0.	72	0.00	351.		0.	74	0.072		0.	76	0.00	0.074	
2578		10.32	10.32		0.	64	0.00	308.		0.	69	0.067		30	78	0.00	0.076	
2579		10.32	10.32		0.	-25	0.47	-7.		0.	-3	0.000		0.	17	0.00	0.016	
2582		10.32	10.32		0.	11	0.00	53.		0.	28	0.027		0.	49	0.00	0.048	
2694		10.32	10.32		0.	30	0.00	144.		0.	45	0.044		0.	59	0.00	0.057	
2695		10.32	10.32		0.	-46	0.86	-13.		0.	-20	0.000		0.	-17	0.31	0.000	
2696		10.32	10.32		0.	-51	0.95	-14.		0.	-24	0.000		0.	-22	0.42	0.000	
2697		10.32	10.32		0.	-53	1.01	-15.		0.	-32	0.000		0.	-25	0.48	0.000	
2699		10.32	10.32		0.	-20	0.38	-6.		0.	-18	0.000		0.	-20	0.38	0.000	
2700		10.32	10.32		0.	-37	0.71	-11.		0.	-12	0.000		0.	-16	0.29	0.000	
2701		10.32	10.32		0.	-40	0.75	-11.		0.	-18	0.000		0.	-16	0.30	0.000	
2703		10.32	10.32		0.	9	0.00	42.		0.	25	0.024		0.	32	0.00	0.032	
2704		10.32	10.32		0.	-11	0.20	-3.		0.	-6	0.000		0.	-7	0.14	0.000	
2705		10.32	10.32		0.	-12	0.23	-3.		0.	-12	0.000		0.	-14	0.26	0.000	
2707		10.32	10.32		0.	37	0.00	178.		0.	71	0.070		0.	96	0.00	0.093	
2708		10.32	10.32		0.	26	0.00	124.		0.	57	0.055		0.	76	0.00	0.074	
3894		10.32	10.32		0.	50	0.00	243.		0.	-3	0.000		0.	0.	0.00	0.000	
3896		10.32	10.32		0.	48	0.00	232.		0.	0.	0.000		0.	-1	0.01	0.000	
3897		10.32	10.32		0.	56	0.00	271.		0.	1	0.001		0.	-2	0.03	0.000	
7031		20.19	20.19		8119	-262	28.77	464.		4664	-74	0.032		965	23	2.95	0.016	
7032		20.19	20.19		4627	-1168	11.49	-413.		4279	-444	0.000		3965	282	2.90	0.128	
7037		20.19	20.19		0.	-1031	18.40	-276.		60	-277	0.000		267	482	0.00	0.172	
7038		20.19	20.19		2409	-1680	25.11	-502.		2216	-331	0.000		2336	-10	8.20	0.021	
7039		20.19	20.19		1619	-709	9.38	-225.		507	-370	0.000		0.	-225	4.02	0.000	
7040		20.19	20.19		0.	-915	16.32	-245.		0.	-332	0.000		0.	-199	3.56	0.000	
7041		20.19	20.19		0.	-915	16.31	-245.		0.	-432	0.000		0.	-118	2.10	0.000	
7042		20.19	20.19		287	-859	14.74	-236.		0.	-386	0.000		0.	-72	1.28	0.000	
7043		20.19	20.19		0.	-717	12.79	-192.		0.	-296	0.000		0.	-32	0.56	0.000	
7044		20.19	20.19		6446	-226	22.76	335.		3659	-85	0.021		734	-24	2.60	0.003	
7052		20.19	20.19		2386	-525	4.55	-193.		1093	-270	0.000		76	-155	2.61	0.000	
7053		20.19	20.19		33	-710	12.59	-191.		0.	-263	0.000		0.	-141	2.52	0.000	
7054		20.19	20.19		534	-747	12.25	-212.		252	-362	0.000		95	-100	1.59	0.000	
7055		20.19	20.19		886	-739	11.40	-217.		561	-336	0.000		399	-71	0.47	0.000	
7056		20.19	20.19		0.	-607	10.83	-162.		0.	-269	0.000		131	-45	0.54	0.000	
7066		20.19	20.19		1388	-471	5.60	-156.		958	-214	0.000		612	-96	0.47	0.000	
7067		20.19	20.19		1920	-570	6.29	-194.		1549	-316	0.000		1045	-77	3.65	0.001	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7068		20.19	20.19		1935	-585	6.53	-199.		1741	-297	0.000		1500	-68	5.21	0.004	
7069		20.19	20.19		396	-481	7.78	-137.		514	-254	0.000		572	-61	0.07	0.000	
7079		20.19	20.19		2699	-227	9.71	4.		2214	-92	0.007		1701	-17	6.04	0.013	
7080		20.19	20.19		2438	-302	0.46	-134.		2240	-171	0.001		2031	-40	7.26	0.013	
7081		20.19	20.19		1890	-307	1.65	-123.		2008	-163	0.000		1929	-58	6.85	0.009	
7082		20.19	20.19		0.	-278	4.96	-74.		130	-180	0.000		307	-79	0.79	0.000	
7092		22.77	22.77		3168	-83	10.78	198.		2575	-30	0.016		2078	-38	7.06	0.011	
7093		22.77	22.77		2356	-124	7.89	55.		2324	-68	0.009		2281	-12	7.59	0.016	
7094		22.77	22.77		1419	-117	4.98	3.		1742	-65	0.005		1734	-41	5.90	0.008	
7095		22.77	22.77		0.	-68	1.20	-18.		0.	-63	0.000		0.	-60	1.06	0.000	
7105		10.32	10.32		2791	-39	13.28	497.		2503	-7	0.060		2159	-27	10.31	0.042	
7106		10.32	10.32		2381	-37	11.30	408.		2145	-21	0.044		1999	-2	9.58	0.050	
7107		10.32	10.32		1756	-7	8.43	396.		1628	-26	0.029		1629	-26	7.72	0.028	
7108		10.32	10.32		41	-15	0.20	-5.		57	-41	0.000		17	-37	0.66	0.000	
7117		10.32	10.32		3617	-44	17.27	675.		2478	-16	0.055		1335	-27	6.26	0.021	
7118		10.32	10.32		1614	-31	7.59	249.		1639	-10	0.037		1612	-32	7.57	0.025	
7119		10.32	10.32		1744	-49	7.93	202.		1561	-3	0.038		1423	-4	6.82	0.034	
7120		10.32	10.32		1668	-25	7.92	290.		1502	-5	0.036		1483	-16	7.09	0.030	
7121		10.32	10.32		607	44	0.69	374.		536	-15	0.006		455	-21	1.86	0.002	
7130		10.32	10.32		2761	-63	12.85	385.		2108	-35	0.036		1255	-8	6.02	0.028	
7131		10.32	10.32		474	-20	2.01	32.		626	-11	0.010		1054	-8	5.05	0.023	
7132		10.32	10.32		446	-28	1.71	9.		546	-34	0.001		675	-7	3.23	0.014	
7133		10.32	10.32		739	5	3.50	205.		859	-27	0.009		896	-11	4.28	0.017	
7134		10.32	10.32		674	83	0.00	584.		595	0.	0.016		510	-15	2.32	0.006	
7146		10.32	10.32		0.	29	0.00	142.		5	-13	0.000		115	-10	0.06	0.000	
7147		10.32	10.32		5	106	0.00	517.		103	4	0.006		244	-16	0.93	0.000	
7148		20.19	20.19		4053	-21	14.27	472.		2382	-17	0.020		720	-12	2.57	0.005	
7150		30.51	30.51		4572	-8	13.03	385.		2768	-16	0.010		973	-24	2.94	0.002	
7152		10.32	10.32		4438	-1	21.25	1086.		2773	-19	0.061		1082	-31	4.91	0.013	
7154		10.32	10.32		3474	-35	16.63	684.		2379	-6	0.058		1155	-22	5.44	0.019	
7156		10.32	10.32		2858	-34	13.65	537.		2155	-9	0.050		1151	-24	5.38	0.017	
7157		10.32	10.32		2339	-49	10.94	342.		1771	-24	0.033		1054	-39	4.58	0.009	
7158		10.32	10.32		1837	-6	8.81	424.		1598	-41	0.021		1059	-48	4.38	0.006	
7160		10.32	10.32		1418	-31	6.62	203.		1401	-60	0.009		1030	-61	4.00	0.003	
7161		10.32	10.32		766	-44	2.98	22.		984	-70	0.001		978	-71	3.74	0.001	
7162		10.32	10.32		245	-68	0.75	-25.		740	-87	0.000		837	-77	0.37	0.000	
7164		10.32	10.32		0.	-37	0.70	-10.		0.	-57	0.000		0.	-26	0.49	0.000	
7167		10.32	10.32		0.	-34	0.64	-10.		0.	-52	0.000		0.	-21	0.40	0.000	
7169		10.32	10.32		0.	-22	0.41	-6.		0.	-40	0.000		0.	-11	0.20	0.000	
7170		10.32	10.32		55	-76	1.31	-23.		590	-91	0.000		786	-81	0.20	0.000	
7171		10.32	10.32		268	-77	0.85	-28.		608	-89	0.000		849	-84	0.27	0.000	
7172		10.32	10.32		0.	-102	1.92	-29.		235	-106	0.000		615	-88	0.32	0.000	
7191		10.32	10.32		5172	-95	24.39	820.		3911	-84	0.059		2595	-65	11.97	0.035	
7194		10.32	10.32		1862	-75	7.94	133.		1390	-50	0.012		1038	-26	4.78	0.014	
7195		10.32	10.32		542	-46	2.12	1.		617	-31	0.003		766	-21	3.50	0.010	
7197		10.32	10.32		3053	-80	14.01	380.		2274	-55	0.031		1662	-31	7.83	0.027	
7198		10.32	10.32		0.	-51	0.95	-14.		0.	-4	0.000		362	-15	1.53	0.003	
7199		10.32	10.32		0.	-49	0.93	-14.		0.	-5	0.000		376	-17	1.57	0.002	
7201		10.32	10.32		0.	-22	0.42	-6.		201	-22	0.000		425	-21	1.71	0.002	
7202		10.32	10.32		0.	-16	0.30	-5.		55	-27	0.000		295	-9	1.33	0.003	
7203		10.32	10.32		0.	-13	0.25	-4.		88	-26	0.000		271	-10	1.17	0.002	
7204		10.32	10.32		0.	-2	0.04	-1.		0.	-21	0.000		89	-9	0.02	0.000	
7205		10.32	10.32		0.	-3	0.05	-1.		0.	-22	0.000		143	-8	0.57	0.001	
7208		10.32	10.32		311	27	0.00	213.		363	57	0.061		505	74	0.00	0.080	
7212		10.32	10.32		0.	1	0.00	6.		265	29	0.032		287	29	0.00	0.033	
7216		10.32	10.32		0.	-2	0.04	-1.		132	-3	0.002		150	-5	0.67	0.002	
7220		10.32	10.32		0.	52	0.00	250.		168	40	0.041		287	39	0.00	0.042	
7224		10.32	10.32		1162	40	4.67	489.		1040	40	0.061		893	50	2.53	0.066	
7227		10.32	10.32		1649	-64	7.09	125.		1224	-50	0.009		877	-36	3.72	0.006	
7228		10.32	10.32		2638	-56	12.33	384.		1958	-50	0.026		1364	-37	6.23	0.017	
7231		10.32	10.32		0.	-54	1.01	-15.		0.	-18	0.000		186	-21	0.02	0.000	
7232		10.32	10.32		95	-7	0.36	1.		389	-28	0.000		586	-22	2.55	0.005	
7233		10.32	10.32		563	-23	2.40	40.		584	-25	0.004		675	-24	2.96	0.006	
7407		20.19	20.19		736	-590	9.04	-174.		0.	-276	0.000		0.	-22	0.39	0.000	
7408		20.19	20.19		1479	-535	6.56	-175.		333	-176	0.000		58	-42	0.63	0.000	
7409		20.19	20.19		0.	-476	8.49	-127.		0.	-248	0.000		0.	-18	0.33	0.000	
7410		20.19	20.19		754	-514	7.64	-154.		0.	-232	0.000		0.	-20	0.36	0.000	
7411		20.19	20.19		671	-460	6.85	-138.		115	-180	0.000		217	-50	0.45	0.000	
7412		20.19	20.19		0.	-395	7.04	-106.		0.	-223	0.000		0.	-36	0.64	0.000	
7413		20.19	20.19		696	-418	6.06	-127.		261	-205	0.000		0.	-22	0.40	0.000	
7414		20.19	20.19		0.	-309	5.51	-83.		0.	-169	0.000		183	-58	0.67	0.000	
7415		20.19	20.19		0.	-154	2.75	-41.		0.	-118	0.000		0.	-52	0.94	0.000	
7416		20.19	20.19		394	-133	1.58	-44.		81	-90	0.000		0.	-25	0.44	0.000	
7417		20.19	20.19		0.	-46	0.82	-12.		0.	-57	0.000		0.	-69	1.24	0.000	
7418		20.19	20.19		0.	8	0.00	19.		0.	-45	0.000		0.	-73	1.31	0.000	
7419		22.77	22.77		0.	25	0.00	55.		0.	-18	0.000		0.	-36	0.63	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7420		22.77	22.77		0.	62	0.00	137.		0.	-5	0.000		0.	-73	1.29	0.000	
7421		22.77	22.77		0.	42	0.00	92.		0.	-29	0.000		0.	-78	1.38	0.000	
7422		10.32	10.32		107	88	0.00	458.		0.	-13	0.000		0.	-47	0.88	0.000	
7423		10.32	10.32		0.	95	0.00	462.		0.	12	0.012		0.	-71	1.34	0.000	
7424		10.32	10.32		0.	46	0.00	221.		0.	-23	0.000		0.	-71	1.33	0.000	
7425		10.32	10.32		521	111	0.00	678.		249	-32	0.000		160	-51	0.62	0.000	
7426		10.32	10.32		0.	100	0.00	487.		0.	18	0.018		0.	-62	1.17	0.000	
7427		10.32	10.32		0.	45	0.00	220.		0.	-17	0.000		0.	-55	1.04	0.000	
7428		10.32	10.32		717	111	0.00	729.		592	-9	0.010		504	-38	1.93	0.000	
7429		10.32	10.32		0.	99	0.00	478.		0.	22	0.021		0.	-40	0.76	0.000	
7430		10.32	10.32		0.	47	0.00	228.		0.	-10	0.000		0.	-37	0.69	0.000	
7431		10.32	10.32		371	111	0.00	637.		513	1	0.014		604	-24	2.59	0.005	
7432		10.32	10.32		0.	97	0.00	471.		0.	27	0.026		0.	-19	0.37	0.000	
7433		10.32	10.32		0.	49	0.00	237.		0.	-5	0.000		0.	-15	0.28	0.000	
8318		10.32	10.32		1231	19	5.65	399.		2425	-1	0.062		2431	-4	11.65	0.060	
8319		10.32	10.32		1072	24	4.76	383.		2061	-7	0.049		2130	-13	10.22	0.048	
8320		10.32	10.32		1303	24	5.90	441.		2529	-5	0.062		2523	-3	12.09	0.063	
8321		10.32	10.32		1064	22	4.77	371.		2203	-1	0.056		2309	-6	11.07	0.056	
8322		10.32	10.32		1526	17	7.13	461.		2481	-8	0.059		2430	-10	11.66	0.057	
8323		10.32	10.32		1321	17	6.14	407.		2185	-16	0.047		2174	0.	10.41	0.055	
8324		10.32	10.32		1295	18	5.98	411.		2442	-5	0.060		2437	-5	11.69	0.059	
8325		10.32	10.32		713	20	3.05	275.		2078	-1	0.053		2254	-4	10.80	0.055	
8326		10.32	10.32		2399	10	11.41	639.		2536	-12	0.059		2264	-17	10.86	0.049	
8327		10.32	10.32		1989	13	9.41	554.		2374	-2	0.060		2292	-7	11.00	0.055	
8328		10.32	10.32		1800	16	8.46	524.		2591	-7	0.062		2462	-11	11.81	0.057	
8329		10.32	10.32		531	25	1.79	259.		1537	13	0.049		1687	11	7.99	0.051	
8336		10.32	10.32		0.	18	0.00	90.		806	33	0.048		812	33	3.05	0.048	
8337		10.32	10.32		0.	10	0.00	47.		230	28	0.031		233	27	0.00	0.030	
8339		10.32	10.32		933	33	3.74	395.		1460	38	0.068		1425	41	6.02	0.070	
8340		10.32	10.32		1005	34	4.05	422.		1931	33	0.076		1927	33	8.79	0.075	
8342		10.32	10.32		0.	-17	0.31	-5.		1079	-8	0.023		1042	-5	5.00	0.024	
8345		10.32	10.32		0.	-24	0.46	-7.		917	7	0.029		1026	10	4.81	0.034	
8346		10.32	10.32		1920	14	9.08	540.		1521	43	0.074		953	71	0.62	0.087	
8347		10.32	10.32		1416	30	6.32	499.		1385	55	0.082		1109	73	2.09	0.093	
8349		10.32	10.32		1246	24	5.61	429.		1623	35	0.069		1376	46	5.61	0.073	
8350		10.32	10.32		3893	-32	18.66	800.		2444	-2	0.061		991	-15	4.71	0.018	
8351		10.32	10.32		3742	-39	17.90	729.		2452	-4	0.060		1154	-16	5.50	0.021	
8352		10.32	10.32		4225	-38	20.24	851.		2798	-9	0.067		1365	-19	6.50	0.025	
8354		20.19	20.19		3613	-42	12.85	366.		2217	-8	0.020		824	-31	2.90	0.003	
8355		20.19	20.19		3430	-58	12.25	307.		2034	-16	0.017		705	-26	2.48	0.003	
8356		30.51	30.51		3673	-28	10.70	275.		2214	-48	0.005		751	-17	2.27	0.002	
8358		20.19	20.19		4413	-114	15.74	309.		2756	-46	0.018		1166	-9	4.13	0.010	
8359		20.19	20.19		4052	-126	14.38	241.		2508	-58	0.014		1017	-12	3.62	0.008	
8360		20.19	20.19		3993	-46	14.20	405.		2479	-13	0.022		969	-46	3.36	0.002	
8362		20.19	20.19		3122	-432	1.41	-184.		1624	-235	0.000		361	-119	1.39	0.000	
8363		20.19	20.19		3305	-364	0.19	-169.		1969	-163	0.000		498	-126	1.25	0.000	
8364		20.19	20.19		4168	-214	14.39	112.		2569	-101	0.009		1079	-66	3.71	0.001	
8365		20.19	20.19		5594	-201	19.73	283.		2911	-40	0.021		317	-20	1.09	0.000	
8367		20.19	20.19		5144	-129	18.35	367.		2804	-71	0.015		478	-7	1.70	0.003	
8368		20.19	20.19		5927	-120	21.18	486.		3431	-67	0.021		956	-15	3.41	0.007	
8369		20.19	20.19		4516	-16	15.84	544.		2458	-24	0.020		500	-29	1.72	0.001	
8371		20.19	20.19		4545	-29	16.04	515.		2645	-10	0.024		754	-26	2.67	0.003	
8372		20.19	20.19		4148	-50	14.77	415.		2407	-46	0.015		709	-39	2.44	0.001	
8373		20.19	20.19		4810	-41	17.04	522.		2829	-2	0.027		856	-18	3.06	0.005	
8375		20.19	20.19		5129	-43	18.17	558.		3055	-4	0.029		990	-31	3.51	0.004	
8376		10.32	10.32		4188	-40	20.05	833.		2644	-10	0.062		1074	-26	4.96	0.015	
8378		10.32	10.32		3790	-31	18.17	779.		2471	-4	0.061		1124	-23	5.26	0.017	
8379		10.32	10.32		238	49	0.00	302.		346	79	0.082		486	99	0.00	0.103	
8380		10.32	10.32		46	51	0.00	259.		229	65	0.066		337	65	0.00	0.068	
8381		10.32	10.32		0.	77	0.00	372.		10	61	0.059		149	45	0.00	0.046	
8382		10.32	10.32		0.	123	0.00	597.		2	101	0.099		140	85	0.00	0.084	
8383		10.32	10.32		0.	159	0.00	772.		0.	138	0.134		0.	119	0.00	0.115	
8384		10.32	10.32		2361	13	11.20	646.		1923	26	0.069		1485	45	6.21	0.075	
8385		10.32	10.32		4860	-83	22.99	799.		3626	-75	0.056		2519	-66	11.57	0.033	
8386		10.32	10.32		1263	29	5.59	454.		1190	34	0.059		975	44	3.40	0.063	
8387		10.32	10.32		1027	29	4.36	402.		1058	34	0.055		894	42	3.06	0.058	
8388		10.32	10.32		540	44	0.00	357.		678	50	0.061		663	54	0.00	0.065	
8389		10.32	10.32		2669	-1	12.78	651.		2425	-19	0.052		2045	-23	9.78	0.041	
8391		10.32	10.32		2876	-13	13.80	642.		2214	-29	0.042		1805	-28	8.57	0.032	

ARMATURA SUPERIORE VERTICALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE				COMB. QUASI PERMANENTE							
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
1718		10.18	10.18		0.	123	0.00	605.		0.	-32	0.000		0.	-176	3.32	0.000	
1719		10.18	10.18		0.	172	0.00	845.		0.	-8	0.000		0.	-164	3.09	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1720		10.18	10.18		0.	201	0.00	985.		0.	5	0.005		4	-157	2.95	0.000	
1721		10.18	10.18		0.	93	0.00	455.		115	-76	0.000		475	-188	2.51	0.000	
1722		10.18	10.18		0.	133	0.00	655.		0.	-39	0.000		313	-178	2.67	0.000	
1723		10.18	10.18		0.	167	0.00	822.		0.	-19	0.000		225	-167	2.65	0.000	
1724		10.18	10.18		0.	42	0.00	207.		232	-149	0.000		480	-210	2.90	0.000	
1725		10.18	10.18		0.	76	0.00	373.		0.	-129	0.000		367	-205	3.06	0.000	
1727		10.18	10.18		264	-39	0.15	-17.		591	-166	0.000		652	-215	2.62	0.000	
1728		10.18	10.18		52	-8	0.03	-3.		436	-158	0.000		641	-231	2.95	0.000	
1729		10.18	10.18		0.	22	0.00	110.		363	-141	0.000		718	-241	2.97	0.000	
1730		10.18	10.18		2238	-84	9.73	182.		1748	-144	0.001		1294	-200	0.93	0.000	
1731		10.18	10.18		2424	-71	11.03	274.		1808	-138	0.002		1177	-212	1.42	0.000	
1732		10.18	10.18		2756	-52	13.05	436.		1994	-135	0.003		1262	-223	1.43	0.000	
1733		10.18	10.18		5187	-114	24.32	749.		4098	-141	0.040		3075	-172	12.08	0.010	
1734		10.18	10.18		5451	-118	25.59	795.		4115	-149	0.037		2842	-185	10.91	0.006	
1735		10.18	10.18		5771	-109	27.31	910.		4190	-152	0.038		2672	-198	10.23	0.003	
1738		10.18	10.18		859	-176	1.43	-70.		1725	-101	0.005		1743	-97	6.86	0.006	
1739		10.18	10.18		1956	-195	0.61	-101.		3828	-139	0.035		3814	-138	16.73	0.035	
1740		10.18	10.18		3355	-215	12.89	67.		4461	-188	0.031		4437	-186	18.79	0.031	
1741		10.18	10.18		4664	-168	20.47	405.		3130	-184	0.009		1654	-182	0.19	0.000	
1747		10.18	10.18		4611	-162	20.34	415.		3269	-182	0.011		1985	-191	0.75	0.000	
1749		10.18	10.18		572	-301	4.41	-99.		1149	-239	0.000		1213	-194	0.99	0.000	
1750		10.18	10.18		673	-235	2.95	-82.		1816	-189	0.000		1837	-185	0.53	0.000	
1751		10.18	10.18		1676	-206	0.21	-98.		3356	-193	0.010		3343	-192	13.07	0.010	
1752		10.18	10.18		3325	-203	12.86	79.		4542	-217	0.024		4519	-215	18.50	0.024	
1753		10.18	10.18		4559	-148	20.41	457.		3518	-171	0.018		2539	-197	9.76	0.002	
1754		10.18	10.18		0.	-270	5.08	-76.		0.	-235	0.000		0.	-203	3.83	0.000	
1755		10.18	10.18		20	-217	4.05	-62.		1115	-209	0.000		1201	-190	0.94	0.000	
1756		10.18	10.18		737	-193	2.01	-72.		1925	-183	0.000		1920	-181	0.79	0.000	
1757		10.18	10.18		1531	-178	0.00	-87.		2800	-182	0.006		2788	-180	10.71	0.006	
1758		10.18	10.18		3047	-166	12.05	106.		3902	-183	0.021		3900	-186	15.96	0.021	
1759		10.18	10.18		4552	-131	20.76	523.		3843	-156	0.029		3200	-185	12.49	0.010	
1760		10.18	10.18		0.	-165	3.12	-47.		0.	-178	0.000		0.	-195	3.67	0.000	
1761		10.18	10.18		0.	-139	2.61	-39.		1139	-192	0.000		1140	-190	1.09	0.000	
1762		10.18	10.18		420	-148	1.88	-52.		1685	-190	0.000		1680	-188	0.13	0.000	
1763		10.18	10.18		1314	-161	0.16	-77.		1877	-187	0.000		1868	-185	0.61	0.000	
1764		10.18	10.18		2603	-149	10.19	78.		2944	-177	0.008		2945	-180	11.38	0.007	
1765		10.18	10.18		4638	-125	21.34	571.		4036	-149	0.036		3502	-177	14.12	0.016	
1766		10.18	10.18		0.	-56	1.05	-16.		0.	-120	0.000		0.	-188	3.55	0.000	
1767		10.18	10.18		0.	-51	0.96	-14.		745	-155	0.000		936	-191	1.56	0.000	
1768		10.18	10.18		89	-85	1.41	-26.		1272	-195	0.000		1268	-193	0.87	0.000	
1769		10.18	10.18		987	-127	0.22	-59.		1268	-192	0.000		1262	-190	0.82	0.000	
1770		10.18	10.18		2200	-130	8.55	58.		2218	-164	0.002		2131	-181	8.32	0.001	
1771		10.18	10.18		4672	-123	21.54	584.		4056	-143	0.038		3507	-167	14.36	0.019	
1772		10.18	10.18		0.	41	0.00	203.		0.	-72	0.000		0.	-188	3.55	0.000	
1773		10.18	10.18		0.	30	0.00	148.		393	-115	0.000		706	-196	2.14	0.000	
1774		10.18	10.18		0.	-16	0.29	-4.		698	-178	0.000		765	-200	2.08	0.000	
1775		10.18	10.18		645	-76	0.02	-37.		823	-181	0.000		862	-197	1.83	0.000	
1776		10.18	10.18		2097	-98	8.64	111.		1839	-146	0.001		1593	-184	0.01	0.000	
1777		10.18	10.18		4821	-111	22.51	672.		4041	-135	0.041		3327	-162	13.55	0.017	
1778		10.18	10.18		0.	-274	5.16	-77.		0.	-261	0.000		318	-247	3.96	0.000	
1779		10.18	10.18		0.	-244	4.59	-69.		112	-187	0.000		354	-131	1.70	0.000	
1784		10.18	10.18		375	-276	4.37	-87.		949	-267	0.000		1031	-249	2.44	0.000	
1785		10.18	10.18		839	-210	2.11	-79.		1044	-166	0.000		1112	-134	0.09	0.000	
1786		10.18	10.18		1289	-56	5.42	81.		1395	-32	0.021		1340	-10	6.46	0.030	
1787		10.18	10.18		1146	-24	5.39	171.		1488	-10	0.034		1444	-4	6.97	0.035	
1788		10.18	10.18		916	-52	3.59	28.		1322	-38	0.016		1323	-37	6.05	0.016	
1789		10.18	10.18		1122	-77	4.29	16.		1324	-41	0.015		1304	-24	6.18	0.022	
1792		10.18	10.18		1359	-78	5.31	40.		1942	-60	0.022		1973	-56	9.01	0.024	
1793		10.18	10.18		1490	-76	5.99	62.		2221	-63	0.027		2217	-62	10.15	0.028	
1794		10.18	10.18		1332	-115	5.21	3.		2314	-92	0.018		2309	-92	9.92	0.018	
1795		10.18	10.18		1079	-118	0.15	-59.		2042	-67	0.021		2059	-63	9.31	0.023	
1798		10.18	10.18		1998	-117	7.77	54.		3560	-108	0.041		3546	-107	16.06	0.041	
1799		10.18	10.18		2086	-117	8.20	67.		3311	-108	0.035		3298	-107	14.76	0.035	
1800		10.18	10.18		2207	-144	8.47	41.		3416	-132	0.028		3402	-130	14.73	0.028	
1801		10.18	10.18		2136	-159	8.18	21.		3832	-115	0.044		3817	-114	17.31	0.044	
1802		10.18	10.18		2371	-263	0.24	-130.		3423	-274	0.002		3406	-272	13.14	0.002	
1803		10.18	10.18		2706	-242	10.69	1.		3654	-258	0.005		3635	-256	13.89	0.005	
1804		10.18	10.18		2926	-161	11.55	100.		3604	-165	0.021		3583	-163	14.85	0.021	
1805		10.18	10.18		2893	-138	11.86	147.		3515	-136	0.029		3494	-134	15.12	0.029	
1806		10.18	10.18		2967	-156	11.84	116.		3758	-155	0.027		3736	-154	15.90	0.027	
1807		10.18	10.18		3155	-197	12.16	70.		4359	-166	0.037		4335	-164	18.82	0.036	
1808		10.18	10.18		4723	-200	19.95	308.		4083	-199	0.020		3518	-202	13.76	0.011	
1809		10.18	10.18		4906	-186	21.30	393.		3997	-191	0.021		3166	-201	12.18	0.007	
1810		10.18	10.18		4762	-150	21.43	496.		3729	-157	0.026		2769	-168	10.71	0.007	
1811		10.18	10.18		4424	-142	19.84	449.		3488	-147	0.024		2620	-155	10.18	0.007	
1812		10.18	10.18		4439	-152	19.68	415.		3338	-159	0.018		2567	-170	9.83	0.005	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1813	10.18	10.18	4634	-165	20.37	408.	3100	-178	0.010	2161	-176	8.37	0.001
2537	10.18	10.18	5388	-163	24.39	587.	5283	-176	0.054	5244	-175	23.36	0.053
2538	10.18	10.18	5222	-145	23.91	621.	5086	-159	0.056	5054	-162	22.66	0.054
2539	10.18	10.18	4957	-115	23.15	689.	4802	-127	0.063	4775	-137	21.77	0.058
2540	10.18	10.18	4516	-91	21.30	687.	4362	-103	0.063	4336	-121	19.85	0.054
2541	10.18	10.18	4513	-102	21.12	640.	4092	-111	0.052	4024	-130	18.04	0.043
2542	10.18	10.18	4464	-148	19.91	436.	4120	-153	0.036	3868	-161	16.42	0.028
2543	10.18	10.18	943	-112	0.05	-54.	1120	-142	0.000	1146	-141	0.15	0.000
2544	10.18	10.18	1355	-99	5.18	14.	1506	-129	0.000	1511	-134	5.96	0.000
2545	10.18	10.18	1889	-83	7.90	113.	2089	-109	0.009	2075	-108	8.31	0.009
2546	10.18	10.18	2063	-78	8.95	164.	2374	-101	0.016	2360	-100	9.97	0.016
2547	10.18	10.18	2004	-110	7.91	68.	2599	-133	0.011	2585	-132	10.39	0.011
2548	10.18	10.18	2102	-195	0.93	-105.	3097	-212	0.005	3082	-211	11.79	0.005
2550	10.18	10.18	9	-40	0.73	-12.	155	-91	0.000	159	-94	1.42	0.000
2551	10.18	10.18	318	-27	1.24	1.	637	-62	0.000	634	-61	0.24	0.000
2552	10.18	10.18	593	-37	2.28	13.	962	-57	0.003	958	-56	3.73	0.003
2553	10.18	10.18	663	-78	0.02	-38.	1196	-97	0.001	1190	-96	4.60	0.001
2554	10.18	10.18	758	-177	1.68	-68.	1713	-184	0.000	1705	-183	0.29	0.000
2556	10.18	10.18	0.	-2	0.04	-1.	8	-39	0.000	21	-46	0.82	0.000
2557	10.18	10.18	107	28	0.00	165.	366	8	0.016	367	1	1.76	0.011
2558	10.18	10.18	195	17	0.00	137.	705	7	0.024	703	7	3.32	0.024
2559	10.18	10.18	5	-24	0.44	-7.	948	-39	0.007	953	-39	4.06	0.007
2563	10.18	10.18	0.	30	0.00	146.	153	5	0.008	201	-6	0.92	0.002
2564	10.18	10.18	161	53	0.00	302.	416	62	0.068	441	57	0.00	0.065
2565	10.18	10.18	0.	-3	0.05	-1.	315	-16	0.002	626	-29	2.59	0.004
2566	10.18	10.18	0.	49	0.00	239.	620	42	0.055	692	39	1.92	0.053
2568	10.18	10.18	0.	79	0.00	390.	540	118	0.126	538	119	0.00	0.126
2569	10.18	10.18	0.	79	0.00	388.	518	157	0.164	516	157	0.00	0.164
2571	10.18	10.18	0.	-234	4.41	-66.	0.	-243	0.000	0.	-256	4.82	0.000
2572	10.18	10.18	0.	-100	1.89	-28.	0.	-146	0.000	0.	-194	3.66	0.000
2573	10.18	10.18	0.	190	0.00	932.	0.	104	0.104	512	16	2.13	0.027
2574	10.18	10.18	0.	-436	8.22	-123.	64	-362	0.000	265	-357	6.16	0.000
2577	10.18	10.18	229	-194	3.16	-60.	1462	-192	0.000	1478	-189	0.33	0.000
2578	10.18	10.18	0.	-119	2.24	-34.	1038	-120	0.000	1057	-119	0.08	0.000
2579	10.18	10.18	0.	-186	3.51	-53.	0.	-184	0.000	303	-176	2.66	0.000
2582	10.18	10.18	0.	-117	2.21	-33.	360	-126	0.000	665	-132	1.03	0.000
2694	10.18	10.18	18	-196	3.65	-56.	831	-196	0.000	959	-183	1.34	0.000
2695	10.18	10.18	0.	-58	1.10	-16.	0.	-113	0.000	0.	-112	2.11	0.000
2696	10.18	10.18	0.	-45	0.85	-13.	0.	-104	0.000	0.	-105	1.98	0.000
2697	10.18	10.18	19	-78	1.43	-22.	43	-107	0.000	52	-113	2.02	0.000
2699	10.18	10.18	0.	-55	1.04	-16.	117	-82	0.000	127	-82	1.27	0.000
2700	10.18	10.18	0.	-4	0.08	-1.	0.	-50	0.000	0.	-49	0.93	0.000
2701	10.18	10.18	0.	-42	0.80	-12.	0.	-92	0.000	0.	-86	1.63	0.000
2703	10.18	10.18	0.	5	0.00	23.	364	-85	0.000	439	-92	0.77	0.000
2704	10.18	10.18	0.	27	0.00	133.	89	2	0.004	202	-12	0.79	0.001
2705	10.18	10.18	0.	-30	0.57	-8.	91	-70	0.000	181	-64	0.80	0.000
2707	10.18	10.18	0.	253	0.00	1241.	0.	53	0.053	574	-150	1.56	0.000
2708	10.18	10.18	0.	81	0.00	399.	659	-48	0.001	656	-47	2.51	0.001
3894	10.18	10.18	0.	167	0.00	819.	44	-22	0.000	319	-175	2.59	0.000
3896	10.18	10.18	0.	101	0.00	496.	0.	-92	0.000	336	-197	2.97	0.000
3897	10.18	10.18	0.	99	0.00	487.	0.	-100	0.000	376	-202	2.99	0.000
7031	23.58	23.58	0.	-207	3.63	-54.	0.	-139	0.000	0.	-121	2.12	0.000
7032	10.18	10.18	0.	-92	1.74	-26.	0.	-48	0.000	0.	-37	0.71	0.000
7033	10.18	10.18	0.	-3	0.05	-1.	0.	-84	0.000	0.	17	0.00	0.017
7034	10.18	10.18	0.	-81	1.52	-23.	0.	6	0.006	0.	33	0.00	0.033
7035	10.18	10.18	0.	-30	0.57	-9.	0.	-36	0.000	0.	-42	0.79	0.000
7036	10.18	10.18	0.	-56	1.05	-16.	0.	114	0.114	0.	147	0.00	0.147
7037	10.18	10.18	0.	-238	4.49	-67.	0.	-145	0.000	0.	-34	0.64	0.000
7038	10.18	10.18	0.	-269	5.07	-76.	0.	-9	0.000	0.	-76	1.44	0.000
7039	10.18	10.18	0.	-69	1.30	-19.	0.	-143	0.000	0.	-212	4.00	0.000
7040	10.18	10.18	0.	-332	6.26	-94.	0.	-348	0.000	0.	-266	5.01	0.000
7041	10.18	10.18	0.	-263	4.95	-74.	0.	-194	0.000	0.	-145	2.73	0.000
7042	10.18	10.18	0.	-123	2.32	-35.	0.	-102	0.000	0.	-89	1.68	0.000
7043	10.18	10.18	0.	-116	2.19	-33.	0.	-8	0.000	0.	-54	1.02	0.000
7044	23.58	23.58	15570	-606	51.99	620.	8708	-562	0.005	1882	-488	4.85	0.000
7052	10.18	10.18	0.	-179	3.38	-51.	0.	-244	0.000	0.	-307	5.79	0.000
7053	10.18	10.18	0.	-236	4.45	-67.	0.	-254	0.000	0.	-271	5.10	0.000
7054	10.18	10.18	0.	-297	5.60	-84.	0.	-235	0.000	0.	-170	3.20	0.000
7055	10.18	10.18	0.	-279	5.26	-79.	0.	-224	0.000	0.	-149	2.80	0.000
7056	10.18	10.18	0.	-142	2.67	-40.	0.	-133	0.000	0.	-106	2.00	0.000
7066	10.18	10.18	2383	-380	1.94	-164.	1848	-305	0.000	1297	-233	1.54	0.000
7067	10.18	10.18	1833	-370	2.96	-148.	1511	-256	0.000	1137	-181	0.92	0.000
7068	10.18	10.18	1585	-339	2.92	-133.	1480	-221	0.000	1311	-155	0.05	0.000
7069	10.18	10.18	812	-238	2.70	-86.	1039	-159	0.000	1205	-134	0.12	0.000
7079	10.18	10.18	3128	-482	2.24	-210.	2740	-356	0.000	2345	-234	0.74	0.000
7080	10.18	10.18	2610	-425	2.29	-182.	2463	-300	0.000	2267	-201	8.94	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7081	10.18	10.18	2225	-342	1.56	-149.	2297	-250	0.000	2201	-185	8.56	0.001
7082	10.18	10.18	1215	-178	0.68	-79.	1742	-188	0.000	1749	-167	0.69	0.000
7092	10.18	10.18	2795	-515	3.58	-212.	2604	-350	0.000	2410	-241	0.74	0.000
7093	10.18	10.18	2612	-437	2.51	-185.	2593	-290	0.000	2496	-219	9.82	0.000
7094	10.18	10.18	1995	-338	2.00	-143.	2233	-244	0.000	2210	-210	0.88	0.000
7095	10.18	10.18	1005	-152	0.66	-67.	1593	-188	0.000	1618	-195	0.13	0.000
7105	10.18	10.18	2540	-493	3.72	-199.	2492	-365	0.000	2437	-240	0.81	0.000
7106	10.18	10.18	2285	-421	2.92	-173.	2223	-322	0.000	2272	-231	0.62	0.000
7107	10.18	10.18	2089	-305	1.16	-136.	2077	-267	0.000	2033	-225	0.22	0.000
7108	10.18	10.18	1393	-120	5.46	3.	1469	-190	0.000	1486	-211	0.71	0.000
7117	10.18	10.18	2633	-511	3.86	-207.	2579	-356	0.000	2374	-248	0.53	0.000
7118	10.18	10.18	1982	-457	4.27	-176.	2207	-317	0.000	2068	-243	0.05	0.000
7119	10.18	10.18	1521	-372	3.67	-141.	1628	-274	0.000	1594	-239	1.02	0.000
7120	10.18	10.18	1583	-233	0.93	-103.	1660	-213	0.000	1683	-225	0.55	0.000
7121	10.18	10.18	1239	-71	4.85	37.	1364	-149	0.000	1417	-212	0.89	0.000
7130	10.18	10.18	1096	-564	8.22	-185.	1504	-358	0.000	1477	-273	1.91	0.000
7131	10.18	10.18	0.	-481	9.07	-136.	556	-328	0.000	875	-259	2.96	0.000
7132	10.18	10.18	0.	-332	6.25	-94.	0.	-251	0.000	156	-232	4.04	0.000
7133	10.18	10.18	0.	-186	3.51	-53.	242	-198	0.000	535	-213	2.85	0.000
7134	10.18	10.18	232	-32	0.10	-15.	489	-115	0.000	743	-201	2.16	0.000
7146	10.18	10.18	0.	-135	2.55	-38.	0.	-165	0.000	0.	-198	3.72	0.000
7147	10.18	10.18	0.	-7	0.13	-2.	0.	-97	0.000	0.	-190	3.58	0.000
7148	23.58	23.58	2874	-960	11.17	-313.	1660	-769	0.000	445	-586	9.39	0.000
7150	23.58	23.58	2966	-863	9.29	-290.	1788	-740	0.000	608	-607	9.43	0.000
7152	10.18	10.18	3230	-776	7.55	-296.	1901	-699	0.000	571	-610	10.24	0.000
7154	10.18	10.18	3033	-699	6.54	-270.	1900	-646	0.000	767	-600	9.63	0.000
7156	10.18	10.18	1975	-596	6.91	-215.	1289	-597	0.000	603	-606	10.10	0.000
7157	10.18	10.18	1540	-654	8.95	-221.	1015	-526	0.000	491	-406	6.57	0.000
7158	10.18	10.18	2001	-541	5.82	-200.	1360	-550	0.000	719	-566	9.09	0.000
7160	10.18	10.18	0.	-500	9.42	-141.	524	-627	0.000	523	-623	10.60	0.000
7161	10.18	10.18	0.	-801	15.09	-226.	491	-489	0.000	490	-486	8.08	0.000
7162	10.18	10.18	0.	-350	6.59	-99.	14	-390	0.000	268	-387	6.72	0.000
7164	10.18	10.18	0.	-326	6.14	-92.	1	-398	0.000	269	-396	6.87	0.000
7167	10.18	10.18	0.	-427	8.05	-121.	0.	-478	0.000	186	-432	7.74	0.000
7169	10.18	10.18	0.	-424	7.98	-120.	0.	-378	0.000	0.	-337	6.36	0.000
7170	10.18	10.18	0.	-395	7.45	-112.	15	-476	0.000	334	-439	7.55	0.000
7171	10.18	10.18	0.	-448	8.45	-127.	0.	-395	0.000	0.	-348	6.56	0.000
7172	10.18	10.18	0.	-225	4.23	-64.	0.	-236	0.000	0.	-252	4.75	0.000
7191	10.18	10.18	0.	-661	12.47	-187.	0.	-489	0.000	0.	-322	6.07	0.000
7194	10.18	10.18	0.	-544	10.25	-154.	0.	-411	0.000	0.	-282	5.31	0.000
7195	10.18	10.18	0.	-546	10.30	-154.	0.	-415	0.000	0.	-288	5.43	0.000
7197	10.18	10.18	0.	-629	11.86	-178.	0.	-468	0.000	0.	-312	5.87	0.000
7198	10.18	10.18	0.	-452	8.52	-128.	0.	-355	0.000	0.	-262	4.94	0.000
7199	10.18	10.18	0.	-389	7.32	-110.	0.	-314	0.000	0.	-244	4.60	0.000
7201	10.18	10.18	0.	-518	9.76	-146.	0.	-397	0.000	0.	-281	5.30	0.000
7202	10.18	10.18	0.	-274	5.17	-78.	0.	-246	0.000	0.	-221	4.16	0.000
7203	10.18	10.18	0.	-224	4.22	-63.	0.	-216	0.000	0.	-211	3.98	0.000
7204	10.18	10.18	0.	-271	5.12	-77.	0.	-244	0.000	0.	-219	4.13	0.000
7205	10.18	10.18	0.	-316	5.96	-89.	0.	-270	0.000	0.	-228	4.30	0.000
7208	10.18	10.18	461	-43	0.21	-23.	606	-5	0.013	605	28	2.12	0.040
7212	10.18	10.18	0.	8	0.00	40.	300	28	0.033	467	41	0.00	0.050
7216	10.18	10.18	0.	23	0.00	114.	127	16	0.018	289	15	0.90	0.021
7220	10.18	10.18	103	-45	0.63	-15.	380	-24	0.001	527	0.	2.54	0.014
7224	10.18	10.18	0.	-205	3.87	-58.	0.	-142	0.000	290	-81	0.89	0.000
7227	10.18	10.18	0.	-370	6.98	-105.	0.	-270	0.000	0.	-173	3.26	0.000
7228	10.18	10.18	0.	-338	6.37	-96.	0.	-245	0.000	0.	-155	2.93	0.000
7231	10.18	10.18	0.	-353	6.65	-100.	0.	-287	0.000	0.	-225	4.24	0.000
7232	10.18	10.18	0.	-364	6.86	-103.	0.	-289	0.000	0.	-214	4.04	0.000
7233	10.18	10.18	0.	-400	7.54	-113.	0.	-302	0.000	0.	-198	3.73	0.000
7407	10.18	10.18	0.	4	0.00	22.	0.	-11	0.000	0.	-17	0.33	0.000
7408	10.18	10.18	166	102	0.00	544.	0.	52	0.052	0.	4	0.00	0.004
7409	10.18	10.18	904	126	0.00	867.	0.	46	0.046	0.	-27	0.50	0.000
7410	10.18	10.18	0.	-60	1.12	-17.	0.	-33	0.000	0.	-80	1.50	0.000
7411	10.18	10.18	0.	69	0.00	338.	0.	-3	0.000	0.	-62	1.17	0.000
7412	10.18	10.18	0.	161	0.00	793.	0.	44	0.044	0.	-56	1.05	0.000
7413	10.18	10.18	0.	-21	0.39	-6.	238	-45	0.000	838	-120	0.42	0.000
7414	10.18	10.18	0.	97	0.00	479.	0.	-4	0.000	321	-108	1.33	0.000
7415	10.18	10.18	0.	251	0.00	1230.	0.	77	0.077	156	-88	1.31	0.000
7416	10.18	10.18	0.	22	0.00	108.	632	-66	0.000	1109	-157	0.52	0.000
7417	10.18	10.18	0.	197	0.00	968.	0.	-23	0.000	398	-148	1.92	0.000
7418	10.18	10.18	0.	376	0.00	1846.	0.	55	0.055	201	-126	1.94	0.000
7419	10.18	10.18	0.	76	0.00	371.	561	-94	0.000	788	-184	1.74	0.000
7420	10.18	10.18	0.	220	0.00	1079.	61	-34	0.000	357	-177	2.55	0.000
7421	10.18	10.18	0.	367	0.00	1803.	0.	17	0.017	149	-158	2.65	0.000
7422	10.18	10.18	286	84	0.00	489.	520	-82	0.000	699	-198	2.20	0.000
7423	10.18	10.18	0.	211	0.00	1037.	20	-23	0.000	319	-192	2.93	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7424		10.18	10.18		0.	329	0.00	1614.		0.	24	0.024		109	-179	3.13	0.000
7425		10.18	10.18		643	97	0.00	650.		791	-67	0.000		830	-199	1.94	0.000
7426		10.18	10.18		0.	208	0.00	1021.		79	-9	0.000		292	-195	3.03	0.000
7427		10.18	10.18		0.	294	0.00	1445.		0.	44	0.044		78	-176	3.15	0.000
7428		10.18	10.18		180	113	0.00	603.		396	-38	0.000		609	-191	2.26	0.000
7429		10.18	10.18		0.	200	0.00	983.		75	8	0.009		234	-184	2.96	0.000
7430		10.18	10.18		0.	259	0.00	1274.		0.	37	0.037		25	-166	3.08	0.000
7431		10.18	10.18		0.	109	0.00	537.		0.	-36	0.000		0.	-183	3.45	0.000
7432		10.18	10.18		0.	182	0.00	892.		0.	3	0.003		0.	-168	3.17	0.000
7433		10.18	10.18		0.	229	0.00	1123.		0.	22	0.022		0.	-159	2.99	0.000
8318		10.18	10.18		3066	-190	11.83	69.		4569	-163	0.042		4548	-161	20.03	0.043
8319		10.18	10.18		3372	-213	12.97	70.		4733	-206	0.031		4709	-205	19.77	0.031
8320		10.18	10.18		3398	-218	13.05	67.		4335	-208	0.023		4311	-206	17.64	0.023
8321		10.18	10.18		3380	-217	12.98	66.		4723	-195	0.034		4700	-193	20.01	0.034
8322		10.18	10.18		1368	-210	0.96	-92.		2813	-144	0.012		2805	-142	11.29	0.013
8323		10.18	10.18		1783	-219	0.22	-104.		3501	-173	0.017		3487	-172	14.15	0.017
8324		10.18	10.18		2026	-221	0.28	-110.		3842	-172	0.023		3827	-171	15.94	0.023
8325		10.18	10.18		1864	-217	0.01	-106.		3671	-154	0.026		3658	-153	15.52	0.026
8326		10.18	10.18		682	-227	2.79	-80.		1464	-127	0.000		1472	-125	5.74	0.000
8327		10.18	10.18		665	-248	3.21	-86.		1787	-157	0.000		1812	-152	7.06	0.001
8328		10.18	10.18		734	-250	3.10	-88.		1989	-158	0.001		1994	-156	7.67	0.001
8329		10.18	10.18		751	-212	2.36	-78.		1747	-127	0.002		1771	-122	6.77	0.003
8336		10.18	10.18		1459	-267	1.84	-110.		2770	-268	0.000		2759	-267	1.02	0.000
8337		10.18	10.18		1268	-242	1.78	-98.		2418	-248	0.000		2408	-247	0.63	0.000
8339		10.18	10.18		1747	-193	0.19	-96.		2930	-198	0.005		2918	-197	11.17	0.005
8340		10.18	10.18		1636	-249	1.10	-109.		3052	-251	0.001		3041	-250	11.79	0.001
8342		10.18	10.18		120	-266	4.75	-78.		1216	-254	0.000		1287	-248	1.85	0.000
8345		10.18	10.18		431	-248	3.73	-80.		1643	-240	0.000		1654	-238	0.85	0.000
8346		10.18	10.18		476	-223	3.16	-74.		1294	-197	0.000		1365	-187	0.54	0.000
8347		10.18	10.18		861	-159	1.11	-65.		1787	-148	0.001		1798	-145	6.95	0.001
8349		10.18	10.18		544	-259	3.68	-86.		1400	-244	0.000		1395	-242	1.51	0.000
8350		10.18	10.18		2447	-497	4.01	-199.		2263	-363	0.000		2072	-233	0.15	0.000
8351		10.18	10.18		2858	-528	3.70	-217.		2678	-387	0.000		2491	-249	0.76	0.000
8352		10.18	10.18		2392	-510	4.38	-201.		2214	-367	0.000		2029	-229	0.14	0.000
8354		10.18	10.18		2258	-470	3.91	-186.		2061	-356	0.000		1862	-247	0.58	0.000
8355		10.18	10.18		2768	-544	4.19	-219.		2513	-398	0.000		2255	-256	0.11	0.000
8356		10.18	10.18		2097	-487	4.59	-187.		1954	-361	0.000		1802	-239	0.56	0.000
8358		10.18	10.18		2893	-415	1.48	-186.		2480	-345	0.000		2063	-279	0.74	0.000
8359		10.18	10.18		3549	-509	1.82	-228.		3039	-381	0.000		2524	-257	0.68	0.000
8360		10.18	10.18		2797	-447	2.30	-193.		2514	-356	0.000		2229	-269	0.18	0.000
8362		10.18	10.18		2627	-246	1.12	-132.		1894	-277	0.000		1148	-312	3.36	0.000
8363		10.18	10.18		3275	-383	0.05	-186.		2477	-316	0.000		1666	-252	1.10	0.000
8364		10.18	10.18		3438	-348	0.97	-180.		2747	-327	0.000		2049	-311	1.37	0.000
8365		23.58	23.58		22761	-562	76.39	1435.		12940	-597	0.019		3182	-514	2.74	0.000
8367		23.58	23.58		10961	-953	4.86	-483.		6152	-743	0.000		1371	-539	6.74	0.000
8368		23.58	23.58		13751	-1253	5.10	-621.		7736	-880	0.000		1756	-513	5.54	0.000
8369		23.58	23.58		6474	-479	22.04	38.		3381	-495	0.000		300	-517	8.46	0.000
8371		23.58	23.58		1853	-770	9.84	-242.		1086	-664	0.000		318	-548	8.97	0.000
8372		23.58	23.58		682	-1069	17.38	-295.		458	-827	0.000		229	-593	9.93	0.000
8373		23.58	23.58		3117	-629	4.88	-231.		1654	-567	0.000		193	-481	8.06	0.000
8375		23.58	23.58		3041	-785	7.77	-271.		1756	-678	0.000		471	-535	8.44	0.000
8376		10.18	10.18		2991	-631	5.33	-249.		1683	-548	0.000		377	-472	8.06	0.000
8378		10.18	10.18		2790	-682	6.74	-259.		1700	-615	0.000		610	-555	9.12	0.000
8379		10.18	10.18		236	-97	1.31	-33.		399	-51	0.000		492	-7	2.35	0.009
8380		10.18	10.18		97	0.	0.47	23.		339	22	0.029		442	42	0.00	0.050
8381		10.18	10.18		0.	13	0.00	65.		0.	3	0.003		289	7	1.29	0.013
8382		10.18	10.18		0.	10	0.00	50.		149	12	0.015		346	17	1.12	0.024
8383		10.18	10.18		0.	-119	2.24	-34.		93	-78	0.000		340	-37	0.05	0.000
8384		10.18	10.18		0.	-260	4.90	-73.		0.	-183	0.000		133	-109	1.77	0.000
8385		10.18	10.18		0.	-308	5.80	-87.		0.	-220	0.000		25	-135	2.49	0.000
8386		10.18	10.18		989	-225	2.08	-87.		1147	-138	0.000		1151	-95	4.46	0.001
8387		10.18	10.18		878	-208	1.99	-80.		1158	-128	0.000		1232	-88	4.71	0.002
8388		10.18	10.18		972	-164	0.95	-69.		1169	-102	0.000		1249	-66	4.99	0.005
8389		10.18	10.18		590	-280	3.99	-93.		1247	-157	0.000		1277	-146	0.04	0.000
8391		10.18	10.18		773	-303	4.02	-104.		1132	-194	0.000		1202	-145	0.11	0.000

MACROGUSCIO P5

VERIFICA ARMATURE EFFETTIVE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
1	SLU SENZA SISMA 1
2	SLU SENZA SISMA 2
5	SLU con SISMAL PRINC
6	SLU con SISMAY PRINC

DATI:

tensione di snervamento acciaio (fyk): 4500 daN/cm2
 coefficiente sicurezza acciaio : 1.15
 deformazione ultima acciaio : 67.5 per mille
 deformazione ultima cls : 3.5 per mille
 rapporto rottura/snervamento (k): 1.15
 resistenza cilindrica cls (fck): 290.5 daN/cm2
 coefficiente sicurezza cls : 1.5
 coefficiente riduttivo (alfa): 0.85
 copriferro inferiore (asse armatura): 7 cm
 copriferro superiore (asse armatura): 7 cm
 moltiplicatore sollecitazioni : 1

LEGENDA:

spess = spessore guscio. Verifica effettuata su sezione BxH, con B=1 cm e H="spess" cm
 Af = area disposta al lembo teso, in cm2 al metro
 Afc = area disposta al lembo compresso, in cm2 al metro
 Mom = momento flettente [daNcm/cm]
 Nor = sforzo normale [daN]
 epsC = deformazione cls [per mille]
 epsF = deformazione acciaio [per mille]

<-

L'armatura è sufficiente se le deformazioni dei materiali sono ovunque minori delle corrispondenti deformazioni ultime.

GUSCI	INFERIORE ORIZZONTALE								INFERIORE VERTICALE				
	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
1718	50	10.32	10.32	11344.	134.	0.30	1.64	10.18	10.18	2355.	233.	0.00	0.83
1719	50	10.32	10.32	3699.	159.	0.00	0.80	10.18	10.18	1941.	291.	0.00	0.92
1720	50	10.32	10.32	10648.	93.	0.28	1.46	10.18	10.18	1887.	297.	0.00	0.95
1721	50	10.32	10.32	10784.	136.	0.27	1.58	10.18	10.18	2111.	154.	0.00	0.61
1722	50	10.32	10.32	3939.	158.	0.00	0.83	10.18	10.18	2781.	195.	0.00	0.82
1723	50	10.32	10.32	9011.	127.	0.18	1.35	10.18	10.18	2789.	250.	0.00	0.95
1724	50	10.32	10.32	10173.	108.	0.25	1.44	10.18	10.18	4129.	-78.	0.14	0.44
1725	50	10.32	10.32	5494.	153.	0.00	1.00	10.18	10.18	5457.	-61.	0.18	0.59
1727	50	10.32	10.32	9804.	70.	0.25	1.30	10.18	10.18	6729.	-167.	0.22	0.64
1728	50	10.32	10.32	8095.	88.	0.16	1.15	10.18	10.18	8576.	-237.	0.28	0.80
1729	50	10.32	10.32	8039.	-3.	0.25	0.93	10.18	10.18	11487.	-246.	0.37	1.02
1730	50	10.32	10.32	7671.	58.	0.19	1.03	10.18	10.18	5633.	-44.	0.18	0.62
1731	50	10.32	10.32	8003.	63.	0.19	1.08	10.18	10.18	6830.	-83.	0.22	0.74
1732	50	10.32	10.32	7403.	17.	0.21	0.90	10.18	10.18	8217.	-106.	0.27	0.85
1733	50	10.32	10.32	6519.	35.	0.16	0.84	10.18	10.18	7061.	-24.	0.22	0.81
1734	50	10.32	10.32	8115.	50.	0.20	1.06	10.18	10.18	9245.	-60.	0.30	1.01
1735	50	10.32	10.32	6912.	24.	0.21	0.86	10.18	10.18	12005.	-141.	0.38	1.19
1738	50	10.32	10.32	0.	105.	0.00	0.24	10.18	10.18	0.	-84.	0.01	-0.01
1739	50	10.32	10.32	0.	184.	0.00	0.43	10.18	10.18	0.	-123.	0.01	-0.01
1740	50	10.32	10.32	0.	178.	0.00	0.41	10.18	10.18	0.	-151.	0.02	-0.02
1741	50	10.32	10.32	0.	148.	0.00	0.34	10.18	10.18	0.	-190.	0.02	-0.02
1747	50	10.32	10.32	0.	238.	0.00	0.55	10.18	10.18	0.	-195.	0.02	-0.02
1749	50	10.32	10.32	0.	284.	0.00	0.66	10.18	10.18	0.	-50.	0.01	0.10
1750	50	10.32	10.32	0.	269.	0.00	0.62	10.18	10.18	0.	-92.	0.01	-0.01
1751	50	10.32	10.32	0.	264.	0.00	0.61	10.18	10.18	0.	-89.	0.01	-0.01
1752	50	10.32	10.32	193.	255.	0.00	0.61	10.18	10.18	0.	-190.	0.02	-0.02
1753	50	10.32	10.32	1652.	238.	0.00	0.75	10.18	10.18	58.	-185.	0.02	-0.02
1754	50	10.32	10.32	1035.	284.	0.00	0.79	10.18	10.18	3644.	-149.	0.13	0.35
1755	50	10.32	10.32	1351.	275.	0.00	0.80	10.18	10.18	0.	27.	0.00	0.06
1756	50	10.32	10.32	1072.	264.	0.00	0.74	10.18	10.18	0.	-111.	0.01	-0.01
1757	50	10.32	10.32	1042.	252.	0.00	0.70	10.18	10.18	0.	-116.	0.01	-0.01
1758	50	10.32	10.32	1353.	235.	0.00	0.70	10.18	10.18	0.	-153.	0.02	-0.02
1759	50	10.32	10.32	2147.	225.	0.00	0.77	10.18	10.18	0.	-155.	0.02	-0.02
1760	50	10.32	10.32	1743.	285.	0.00	0.86	10.18	10.18	4180.	-167.	0.15	0.39
1761	50	10.32	10.32	2027.	269.	0.00	0.87	10.18	10.18	0.	-81.	0.01	-0.01
1762	50	10.32	10.32	2271.	257.	0.00	0.86	10.18	10.18	0.	-146.	0.02	-0.02
1763	50	10.32	10.32	2117.	246.	0.00	0.82	10.18	10.18	0.	-157.	0.02	-0.02
1764	50	10.32	10.32	1686.	232.	0.00	0.73	10.18	10.18	0.	-175.	0.02	-0.02
1765	50	10.32	10.32	2065.	211.	0.00	0.73	10.18	10.18	0.	-153.	0.02	-0.02
1766	50	10.32	10.32	2695.	269.	0.00	0.94	10.18	10.18	3791.	-116.	0.13	0.41
1767	50	10.32	10.32	3364.	256.	0.00	0.99	10.18	10.18	592.	-96.	0.03	0.13
1768	50	10.32	10.32	3813.	250.	0.00	1.03	10.18	10.18	84.	-73.	0.01	0.02
1769	50	10.32	10.32	3767.	253.	0.00	1.03	10.18	10.18	0.	-128.	0.01	-0.01
1770	50	10.32	10.32	2656.	231.	0.00	0.85	10.18	10.18	880.	-39.	0.03	0.09
1771	50	10.32	10.32	1824.	210.	0.00	0.70	10.18	10.18	0.	-86.	0.01	-0.01
1772	50	10.32	10.32	5046.	236.	0.00	1.14	10.18	10.18	3164.	71.	0.11	0.56
1773	50	10.32	10.32	5520.	224.	0.00	1.17	10.18	10.18	1571.	74.	0.05	0.36
1774	50	10.32	10.32	6023.	268.	0.00	1.33	10.18	10.18	1045.	-62.	0.04	0.11

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1775		50		10.32	10.32	6637.	290.	0.00	1.46		10.18	10.18	2401.	-92.	0.08	0.24	
1776		50		10.32	10.32	5298.	254.	0.00	1.21		10.18	10.18	3523.	1.	0.11	0.42	
1777		50		10.32	10.32	4300.	203.	0.00	0.97		10.18	10.18	2883.	27.	0.05	0.40	
1778		50		10.32	10.32	3136.	361.	0.00	1.22		10.18	10.18	1024.	22.	0.02	0.19	
1779		50		10.32	10.32	0.	572.	0.00	1.32		10.18	10.18	1264.	45.	0.03	0.25	
1784		50		10.32	10.32	3276.	261.	0.00	0.99		10.18	10.18	0.	-173.	0.02	0.03	
1785		50		10.32	10.32	0.	534.	0.00	1.23		10.18	10.18	0.	-106.	0.01	0.03	
1786		50		10.32	10.32	0.	467.	0.00	1.08		10.18	10.18	0.	103.	0.00	0.24	
1787		50		10.32	10.32	0.	394.	0.00	0.91		10.18	10.18	0.	71.	0.00	0.17	
1788		50		10.32	10.32	164.	339.	0.00	0.80		10.18	10.18	0.	-22.	0.00	0.03	
1789		50		10.32	10.32	371.	300.	0.00	0.74		10.18	10.18	0.	76.	0.00	0.18	
1792		50		10.32	10.32	0.	415.	0.00	0.96		10.18	10.18	0.	22.	0.00	0.05	
1793		50		10.32	10.32	0.	342.	0.00	0.79		10.18	10.18	0.	-59.	0.01	0.11	
1794		50		10.32	10.32	85.	288.	0.00	0.67		10.18	10.18	0.	-98.	0.01	-0.01	
1795		50		10.32	10.32	69.	241.	0.00	0.56		10.18	10.18	0.	-59.	0.01	0.12	
1798		50		10.32	10.32	0.	356.	0.00	0.82		10.18	10.18	0.	-72.	0.01	-0.01	
1799		50		10.32	10.32	296.	281.	0.00	0.68		10.18	10.18	0.	-104.	0.01	-0.01	
1800		50		10.32	10.32	447.	236.	0.00	0.60		10.18	10.18	0.	-135.	0.02	-0.02	
1801		50		10.32	10.32	379.	187.	0.00	0.48		10.18	10.18	0.	-95.	0.01	0.01	
1802		50		10.32	10.32	1251.	160.	0.00	0.52		10.18	10.18	0.	-305.	0.04	-0.04	
1803		50		10.32	10.32	0.	277.	0.00	0.64		10.18	10.18	0.	-208.	0.02	-0.02	
1804		50		10.32	10.32	0.	314.	0.00	0.72		10.18	10.18	0.	-99.	0.01	-0.01	
1805		50		10.32	10.32	467.	268.	0.00	0.68		10.18	10.18	0.	-89.	0.01	-0.01	
1806		50		10.32	10.32	665.	224.	0.00	0.60		10.18	10.18	0.	-136.	0.02	-0.02	
1807		50		10.32	10.32	540.	188.	0.00	0.50		10.18	10.18	0.	-128.	0.01	-0.01	
1808		50		10.32	10.32	2710.	197.	0.00	0.77		10.18	10.18	0.	-218.	0.03	-0.03	
1809		50		10.32	10.32	0.	242.	0.00	0.56		10.18	10.18	0.	-153.	0.02	-0.02	
1810		50		10.32	10.32	151.	284.	0.00	0.67		10.18	10.18	0.	-65.	0.01	-0.01	
1811		50		10.32	10.32	600.	265.	0.00	0.70		10.18	10.18	0.	-53.	0.01	-0.01	
1812		50		10.32	10.32	882.	224.	0.00	0.63		10.18	10.18	0.	-115.	0.01	-0.01	
1813		50		10.32	10.32	946.	172.	0.00	0.51		10.18	10.18	0.	-179.	0.02	-0.02	
2537		50		10.32	10.32	1587.	250.	0.00	0.77		10.18	10.18	0.	-165.	0.02	-0.02	
2538		50		10.32	10.32	746.	295.	0.00	0.77		10.18	10.18	0.	-175.	0.02	-0.02	
2539		50		10.32	10.32	367.	356.	0.00	0.87		10.18	10.18	0.	119.	0.00	0.28	
2540		50		10.32	10.32	471.	394.	0.00	0.97		10.18	10.18	0.	119.	0.00	0.28	
2541		50		10.32	10.32	602.	401.	0.00	1.00		10.18	10.18	0.	56.	0.00	0.13	
2542		50		10.32	10.32	1607.	278.	0.00	0.83		10.18	10.18	0.	-153.	0.02	-0.02	
2543		50		10.32	10.32	1516.	269.	0.00	0.80		10.18	10.18	0.	-133.	0.02	0.12	
2544		50		10.32	10.32	607.	287.	0.00	0.74		10.18	10.18	0.	-111.	0.01	0.23	
2545		50		10.32	10.32	578.	327.	0.00	0.83		10.18	10.18	0.	-126.	0.01	0.20	
2546		50		10.32	10.32	495.	366.	0.00	0.91		10.18	10.18	0.	-75.	0.01	0.14	
2547		50		10.32	10.32	550.	371.	0.00	0.92		10.18	10.18	0.	-168.	0.02	-0.02	
2548		50		10.32	10.32	1486.	233.	0.00	0.71		10.18	10.18	0.	-296.	0.03	-0.03	
2550		50		10.32	10.32	298.	46.	0.00	0.17		10.18	10.18	259.	189.	0.00	0.47	
2551		50		10.32	10.32	0.	135.	0.00	0.31		10.18	10.18	0.	66.	0.01	0.16	
2552		50		10.32	10.32	0.	206.	0.00	0.47		10.18	10.18	0.	89.	0.01	0.21	
2553		50		10.32	10.32	215.	268.	0.00	0.64		10.18	10.18	0.	-155.	0.02	-0.02	
2554		50		10.32	10.32	1080.	180.	0.00	0.56		10.18	10.18	0.	-215.	0.02	-0.02	
2556		50		10.32	10.32	0.	400.	0.00	0.92		10.18	10.18	288.	220.	0.00	0.55	
2557		50		10.32	10.32	0.	481.	0.00	1.11		10.18	10.18	0.	155.	0.00	0.36	
2558		50		10.32	10.32	0.	574.	0.00	1.32		10.18	10.18	0.	184.	0.00	0.43	
2559		50		10.32	10.32	0.	353.	0.00	0.81		10.18	10.18	0.	173.	0.00	0.40	
2563		50		10.32	10.32	0.	369.	0.00	0.85		10.18	10.18	256.	154.	0.00	0.39	
2564		50		10.32	10.32	0.	559.	0.00	1.29		10.18	10.18	0.	169.	0.00	0.40	
2565		50		10.32	10.32	0.	740.	0.00	1.71		10.18	10.18	0.	290.	0.00	0.68	
2566		50		10.32	10.32	0.	816.	0.00	1.88		10.18	10.18	0.	280.	0.00	0.65	
2568		50		10.32	10.32	671.	55.	0.00	0.20		10.18	10.18	1402.	650.	0.00	1.70	
2569		50		10.32	10.32	0.	249.	0.00	0.58		10.18	10.18	1425.	677.	0.00	1.77	
2571		50		10.32	10.32	838.	601.	0.00	1.49		10.18	10.18	316.	459.	0.00	1.11	
2572		50		10.32	10.32	0.	911.	0.00	2.10		10.18	10.18	214.	594.	0.00	1.42	
2574		50		10.32	10.32	733.	758.	0.00	1.84		10.18	10.18	0.	220.	0.00	0.52	
2577		50		10.32	10.32	920.	215.	0.00	0.60		10.18	10.18	0.	-162.	0.02	-0.02	
2578		50		10.32	10.32	865.	230.	0.00	0.63		10.18	10.18	188.	-29.	0.01	0.02	
2579		50		10.32	10.32	912.	588.	0.00	1.47		10.18	10.18	555.	57.	0.00	0.20	
2582		50		10.32	10.32	927.	468.	0.00	1.20		10.18	10.18	279.	132.	0.00	0.34	
2694		50		10.32	10.32	1247.	356.	0.00	0.97		10.18	10.18	181.	-150.	0.02	0.00	
2695		50		10.32	10.32	1357.	295.	0.00	0.84		10.18	10.18	400.	211.	0.00	0.54	
2696		50		10.32	10.32	937.	301.	0.00	0.81		10.18	10.18	360.	121.	0.00	0.32	
2697		50		10.32	10.32	1308.	300.	0.00	0.85		10.18	10.18	160.	183.	0.00	0.45	
2699		50		10.32	10.32	1118.	178.	0.00	0.54		10.18	10.18	355.	216.	0.00	0.55	
2700		50		10.32	10.32	1070.	247.	0.00	0.70		10.18	10.18	447.	269.	0.00	0.68	
2701		50		10.32	10.32	1305.	266.	0.00	0.77		10.18	10.18	303.	233.	0.00	0.58	
2703		50		10.32	10.32	388.	144.	0.00	0.38		10.18	10.18	112.	-11.	0.00	0.01	
2704		50		10.32	10.32	640.	85.	0.00	0.27		10.18	10.18	424.	203.	0.00	0.53	
2705		50		10.32	10.32	874.	125.	0.00	0.39		10.18	10.18	427.	38.	0.00	0.14	
2708		50		10.32	10.32	217.	209.	0.00	0.51		10.18	10.18	1303.	533.	0.00	1.42	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

3894		50		10.32	10.32	7035.		80.	0.12	1.00		10.18	10.18	2889.		267.	0.00	0.97	
3896		50		10.32	10.32	6057.		33.	0.14	0.78		10.18	10.18	7484.		-76.	0.24	0.80	
3897		50		10.32	10.32	7391.		41.	0.18	0.95		10.18	10.18	6002.		-38.	0.19	0.67	
7032		50		20.19	20.19	10001.		604.	0.00	1.56		10.18	10.18	14759.		-179.	0.47	1.41	
7033		50		20.19	20.19	4034.		1308.	0.00	1.81		10.18	10.18	10079.		85.	0.30	1.39	
7034		50		20.19	20.19	2738.		1325.	0.00	1.74		10.18	10.18	6151.		170.	0.14	1.13	
7035		50		20.19	20.19	2010.		1291.	0.00	1.65		10.18	10.18	4263.		134.	0.12	0.82	
7036		50		20.19	20.19	1019.		1212.	0.00	1.50		10.18	10.18	6755.		293.	0.00	1.51	
7037		50		20.19	20.19	5828.		667.	0.00	1.15		10.18	10.18	12267.		4.	0.38	1.45	
7038		50		20.19	20.19	6805.		-1932.	0.35	0.27		10.18	10.18	16114.		-300.	0.51	1.49	
7039		50		20.19	20.19	700.		-622.	0.08	-0.04		10.18	10.18	19594.		-188.	0.62	1.86	
7040		50		20.19	20.19	1869.		-160.	0.06	0.09		10.18	10.18	19106.		-451.	0.60	1.43	
7041		50		20.19	20.19	800.		-109.	0.03	0.03		10.18	10.18	14979.		-196.	0.48	1.41	
7042		50		20.19	20.19	628.		-51.	0.02	0.04		10.18	10.18	11035.		-44.	0.35	1.23	
7043		50		20.19	20.19	1247.		147.	0.00	0.25		10.18	10.18	7396.		90.	0.20	1.08	
7044		50		20.19	20.19	3547.		1160.	0.00	1.60		23.58	23.58	20069.		953.	2.17	16.39	
7052		50		20.19	20.19	528.		-384.	0.05	0.02		10.18	10.18	3477.		-284.	0.14	0.27	
7053		50		20.19	20.19	928.		-142.	0.04	0.04		10.18	10.18	3581.		-303.	0.14	0.28	
7054		50		20.19	20.19	319.		-36.	0.01	0.02		10.18	10.18	4283.		-251.	0.16	0.36	
7055		50		20.19	20.19	455.		-38.	0.01	0.02		10.18	10.18	4992.		-126.	0.17	0.50	
7056		50		20.19	20.19	1260.		115.	0.02	0.21		10.18	10.18	4769.		-56.	0.16	0.52	
7066		50		20.19	20.19	27.		-51.	0.01	0.01		10.18	10.18	0.		-44.	0.01	0.03	
7067		50		20.19	20.19	0.		109.	0.00	0.13		10.18	10.18	0.		61.	0.00	0.14	
7068		50		20.19	20.19	285.		61.	0.00	0.09		10.18	10.18	181.		56.	0.00	0.15	
7069		50		20.19	20.19	1758.		-55.	0.05	0.10		10.18	10.18	966.		83.	0.00	0.31	
7079		50		20.19	20.19	0.		185.	0.00	0.22		10.18	10.18	0.		31.	0.00	0.07	
7080		50		20.19	20.19	0.		175.	0.00	0.21		10.18	10.18	0.		56.	0.00	0.13	
7081		50		20.19	20.19	0.		143.	0.00	0.17		10.18	10.18	0.		57.	0.00	0.13	
7082		50		20.19	20.19	2094.		-25.	0.05	0.12		10.18	10.18	0.		137.	0.00	0.32	
7092		50		30.51	20.19	0.		230.	0.00	0.27		10.18	10.18	0.		58.	0.00	0.14	
7093		50		30.51	20.19	0.		213.	0.00	0.25		10.18	10.18	0.		50.	0.00	0.12	
7094		50		30.51	20.19	0.		192.	0.00	0.22		10.18	10.18	0.		46.	0.00	0.11	
7095		50		30.51	20.19	1498.		158.	0.01	0.22		10.18	10.18	0.		149.	0.00	0.35	
7105		50		10.32	10.32	0.		250.	0.00	0.58		10.18	10.18	0.		67.	0.00	0.16	
7106		50		10.32	10.32	0.		241.	0.00	0.56		10.18	10.18	0.		46.	0.00	0.11	
7107		50		10.32	10.32	0.		220.	0.00	0.51		10.18	10.18	0.		43.	0.00	0.10	
7108		50		10.32	10.32	2682.		201.	0.00	0.78		10.18	10.18	0.		148.	0.00	0.35	
7117		50		10.32	10.32	0.		245.	0.00	0.56		10.18	10.18	0.		88.	0.00	0.21	
7118		50		10.32	10.32	0.		272.	0.00	0.63		10.18	10.18	0.		66.	0.00	0.15	
7119		50		10.32	10.32	0.		267.	0.00	0.62		10.18	10.18	0.		43.	0.00	0.10	
7120		50		10.32	10.32	640.		248.	0.00	0.65		10.18	10.18	0.		43.	0.00	0.10	
7121		50		10.32	10.32	3226.		222.	0.00	0.89		10.18	10.18	703.		139.	0.00	0.41	
7130		50		10.32	10.32	0.		267.	0.00	0.62		10.18	10.18	0.		-90.	0.01	0.18	
7131		50		10.32	10.32	309.		281.	0.00	0.69		10.18	10.18	0.		-206.	0.02	0.03	
7132		50		10.32	10.32	398.		280.	0.00	0.69		10.18	10.18	171.		-274.	0.04	-0.03	
7133		50		10.32	10.32	1382.		261.	0.00	0.77		10.18	10.18	1360.		-255.	0.07	0.09	
7134		50		10.32	10.32	3615.		235.	0.00	0.97		10.18	10.18	1890.		-93.	0.07	0.26	
7146		50		10.32	10.32	2067.		275.	0.00	0.88		10.18	10.18	5179.		-14.	0.16	0.60	
7147		50		10.32	10.32	4335.		247.	0.00	1.08		10.18	10.18	4575.		47.	0.08	0.73	
7148		50		20.19	20.19	2490.		741.	0.00	1.03		23.58	23.58	1775.		537.	0.00	0.64	
7150		50		30.51	30.51	1567.		344.	0.00	0.33		23.58	23.58	885.		99.	0.00	0.15	
7152		50		10.32	10.32	1045.		178.	0.00	0.53		10.18	10.18	893.		-18.	0.03	0.10	
7154		50		10.32	10.32	669.		74.	0.00	0.25		10.18	10.18	0.		-258.	0.03	-0.03	
7156		50		10.32	10.32	843.		95.	0.00	0.32		10.18	10.18	0.		-167.	0.02	-0.02	
7157		50		10.32	10.32	1052.		220.	0.00	0.63		10.18	10.18	0.		412.	0.00	0.96	
7158		50		10.32	10.32	1153.		217.	0.00	0.64		10.18	10.18	907.		-35.	0.03	0.10	
7160		50		10.32	10.32	1319.		334.	0.00	0.93		10.18	10.18	0.		115.	0.00	0.27	
7161		50		10.32	10.32	1653.		393.	0.00	1.11		10.18	10.18	0.		434.	0.00	1.02	
7162		50		10.32	10.32	1929.		430.	0.00	1.24		10.18	10.18	273.		371.	0.00	0.90	
7164		50		10.32	10.32	770.		710.	0.00	1.74		10.18	10.18	397.		413.	0.00	1.01	
7167		50		10.32	10.32	789.		688.	0.00	1.69		10.18	10.18	1122.		127.	0.00	0.43	
7169		50		10.32	10.32	798.		652.	0.00	1.61		10.18	10.18	1246.		174.	0.00	0.56	
7170		50		10.32	10.32	2163.		508.	0.00	1.45		10.18	10.18	1061.		166.	0.00	0.51	
7171		50		10.32	10.32	2514.		378.	0.00	1.18		10.18	10.18	1341.		137.	0.00	0.48	
7172		50		10.32	10.32	2760.		437.	0.00	1.36		10.18	10.18	304.		472.	0.00	1.14	
7191		50		10.32	10.32	0.		281.	0.00	0.65		10.18	10.18	5003.		91.	0.02	0.80	
7194		50		10.32	10.32	0.		266.	0.00	0.61		10.18	10.18	5003.		78.	0.04	0.77	
7195		50		10.32	10.32	56.		286.	0.00	0.67		10.18	10.18	5082.		69.	0.05	0.76	
7197		50		10.32	10.32	0.		290.	0.00	0.67		10.18	10.18	5030.		85.	0.03	0.79	
7198		50		10.32	10.32	617.		283.	0.00	0.73		10.18	10.18	4452.		16.	0.11	0.56	
7199		50		10.32	10.32	598.		288.	0.00	0.73		10.18	10.18	5118.		32.	0.11	0.68	
7201		50		10.32	10.32	100.		293.	0.00	0.69		10.18	10.18	5006.		64.	0.06	0.74	
7202		50		10.32	10.32	650.		281.	0.00	0.73		10.18	10.18	3171.		-125.	0.11	0.31	
7203		50		10.32	10.32	670.		283.	0.00	0.73		10.18	10.18	4729.		-6.	0.15	0.55	
7204		50		10.32	10.32	1015.		287.	0.00	0.78		10.18	10.18	5305.		-20.	0.17	0.61	
7205		50		10.32	10.32	845.		283.	0.00	0.75		10.18	10.18	4573.		13.	0.12	0.57	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7208		50		10.32	10.32	0.	465.	0.00	1.07		10.18	10.18	1071.	126.	0.00	0.42	
7212		50		10.32	10.32	13.	394.	0.00	0.91		10.18	10.18	820.	138.	0.00	0.42	
7216		50		10.32	10.32	148.	346.	0.00	0.82		10.18	10.18	312.	-8.	0.01	0.04	
7220		50		10.32	10.32	336.	299.	0.00	0.73		10.18	10.18	616.	25.	0.00	0.13	
7224		50		10.32	10.32	838.	258.	0.00	0.69		10.18	10.18	661.	-40.	0.03	0.07	
7227		50		10.32	10.32	0.	276.	0.00	0.64		10.18	10.18	1961.	-124.	0.07	0.19	
7228		50		10.32	10.32	0.	285.	0.00	0.66		10.18	10.18	1156.	-136.	0.05	0.10	
7231		50		10.32	10.32	304.	287.	0.00	0.70		10.18	10.18	2686.	-140.	0.10	0.25	
7232		50		10.32	10.32	0.	292.	0.00	0.67		10.18	10.18	1510.	-168.	0.07	0.13	
7233		50		10.32	10.32	0.	282.	0.00	0.65		10.18	10.18	2229.	-123.	0.08	0.21	
7407		50		20.19	20.19	1512.	130.	0.00	0.25		10.18	10.18	5306.	149.	0.05	0.98	
7408		50		20.19	20.19	359.	142.	0.00	0.19		10.18	10.18	4994.	226.	0.00	1.13	
7409		50		20.19	20.19	3056.	-29.	0.07	0.19		10.18	10.18	5406.	204.	0.00	1.12	
7410		50		20.19	20.19	1605.	143.	0.00	0.27		10.18	10.18	5587.	33.	0.13	0.86	
7411		50		20.19	20.19	588.	43.	0.01	0.09		10.18	10.18	5735.	168.	0.00	1.08	
7412		50		20.19	20.19	4813.	-129.	0.12	0.26		10.18	10.18	5811.	297.	0.00	1.40	
7413		50		20.19	20.19	1582.	167.	0.00	0.29		10.18	10.18	2292.	269.	0.00	0.91	
7414		50		20.19	20.19	765.	-70.	0.03	0.05		10.18	10.18	2950.	411.	0.00	1.33	
7415		50		20.19	20.19	5865.	-115.	0.15	0.34		10.18	10.18	3753.	578.	0.00	1.84	
7416		50		20.19	20.19	1226.	182.	0.00	0.29		10.18	10.18	857.	354.	0.00	0.93	
7417		50		20.19	20.19	1178.	66.	0.02	0.15		10.18	10.18	1417.	452.	0.00	1.24	
7418		50		20.19	20.19	7813.	-109.	0.19	0.45		10.18	10.18	2303.	644.	0.00	1.80	
7419		50		30.51	20.19	2151.	157.	0.00	0.31		10.18	10.18	558.	342.	0.00	0.87	
7420		50		30.51	20.19	2085.	142.	0.00	0.25		10.18	10.18	1262.	437.	0.00	1.18	
7421		50		30.51	20.19	9032.	-132.	0.22	0.50		10.18	10.18	2053.	634.	0.00	1.75	
7422		50		10.32	10.32	3919.	132.	0.00	0.76		10.18	10.18	892.	313.	0.00	0.84	
7423		50		10.32	10.32	2550.	150.	0.00	0.65		10.18	10.18	1466.	395.	0.00	1.11	
7424		50		10.32	10.32	9400.	-48.	0.30	1.03		10.18	10.18	2099.	567.	0.00	1.60	
7425		50		10.32	10.32	6144.	121.	0.04	1.00		10.18	10.18	1350.	278.	0.00	0.81	
7426		50		10.32	10.32	2415.	174.	0.00	0.69		10.18	10.18	1721.	347.	0.00	1.02	
7427		50		10.32	10.32	9964.	18.	0.30	1.20		10.18	10.18	2141.	495.	0.00	1.44	
7428		50		10.32	10.32	8406.	118.	0.16	1.25		10.18	10.18	1786.	194.	0.00	0.69	
7429		50		10.32	10.32	2880.	162.	0.00	0.71		10.18	10.18	2160.	336.	0.00	1.05	
7430		50		10.32	10.32	10479.	30.	0.31	1.29		10.18	10.18	2064.	431.	0.00	1.27	
7431		50		10.32	10.32	9996.	120.	0.24	1.45		10.18	10.18	3231.	221.	0.00	0.90	
7432		50		10.32	10.32	3238.	157.	0.00	0.74		10.18	10.18	2957.	249.	0.00	1.00	
7433		50		10.32	10.32	10731.	49.	0.30	1.36		10.18	10.18	1950.	367.	0.00	1.10	
8318		50		10.32	10.32	0.	250.	0.00	0.58		10.18	10.18	0.	-125.	0.01	-0.01	
8319		50		10.32	10.32	0.	259.	0.00	0.60		10.18	10.18	0.	-169.	0.02	-0.02	
8320		50		10.32	10.32	0.	237.	0.00	0.55		10.18	10.18	0.	-136.	0.02	-0.02	
8321		50		10.32	10.32	0.	28.	0.00	0.07		10.18	10.18	0.	-163.	0.02	-0.02	
8322		50		10.32	10.32	0.	252.	0.00	0.58		10.18	10.18	0.	-144.	0.02	-0.02	
8323		50		10.32	10.32	0.	266.	0.00	0.61		10.18	10.18	0.	-137.	0.02	-0.02	
8324		50		10.32	10.32	0.	259.	0.00	0.60		10.18	10.18	0.	-163.	0.02	-0.02	
8325		50		10.32	10.32	0.	17.	0.00	0.04		10.18	10.18	0.	-152.	0.02	-0.02	
8326		50		10.32	10.32	0.	249.	0.00	0.57		10.18	10.18	0.	-117.	0.01	-0.01	
8327		50		10.32	10.32	0.	259.	0.00	0.60		10.18	10.18	0.	-139.	0.02	-0.02	
8328		50		10.32	10.32	0.	250.	0.00	0.58		10.18	10.18	0.	-157.	0.02	-0.02	
8329		50		10.32	10.32	0.	73.	0.00	0.17		10.18	10.18	0.	-92.	0.01	-0.01	
8336		50		10.32	10.32	0.	164.	0.00	0.38		10.18	10.18	0.	-253.	0.03	-0.03	
8337		50		10.32	10.32	711.	157.	0.00	0.44		10.18	10.18	0.	-204.	0.02	-0.02	
8339		50		10.32	10.32	0.	347.	0.00	0.80		10.18	10.18	0.	-142.	0.02	-0.02	
8340		50		10.32	10.32	0.	295.	0.00	0.68		10.18	10.18	0.	-181.	0.02	-0.02	
8342		50		10.32	10.32	2536.	241.	0.00	0.86		10.18	10.18	0.	-140.	0.02	-0.02	
8345		50		10.32	10.32	1747.	194.	0.00	0.65		10.18	10.18	0.	-192.	0.02	-0.02	
8346		50		10.32	10.32	0.	490.	0.00	1.13		10.18	10.18	0.	-116.	0.01	-0.01	
8347		50		10.32	10.32	0.	463.	0.00	1.07		10.18	10.18	0.	-93.	0.01	-0.01	
8349		50		10.32	10.32	0.	394.	0.00	0.91		10.18	10.18	0.	-241.	0.03	-0.03	
8350		50		10.32	10.32	0.	201.	0.00	0.46		10.18	10.18	0.	78.	0.00	0.18	
8351		50		10.32	10.32	0.	206.	0.00	0.48		10.18	10.18	0.	51.	0.00	0.12	
8352		50		10.32	10.32	0.	218.	0.00	0.50		10.18	10.18	0.	88.	0.00	0.20	
8354		50		20.19	20.19	0.	173.	0.00	0.20		10.18	10.18	0.	49.	0.00	0.11	
8355		50		20.19	20.19	0.	177.	0.00	0.21		10.18	10.18	0.	28.	0.00	0.07	
8356		50		30.51	30.51	0.	195.	0.00	0.15		10.18	10.18	0.	61.	0.00	0.14	
8358		50		20.19	20.19	0.	49.	0.00	0.06		10.18	10.18	0.	-76.	0.01	-0.01	
8359		50		20.19	20.19	0.	86.	0.00	0.10		10.18	10.18	0.	-31.	0.00	0.00	
8360		50		20.19	20.19	0.	132.	0.00	0.16		10.18	10.18	0.	-2.	0.00	0.00	
8362		50		20.19	20.19	135.	-161.	0.02	-0.01		10.18	10.18	78.	-118.	0.02	-0.01	
8363		50		20.19	20.19	234.	-9.	0.01	0.01		10.18	10.18	0.	-47.	0.01	-0.01	
8364		50		20.19	20.19	0.	-34.	0.00	0.00		10.18	10.18	0.	-116.	0.01	-0.01	
8365		50		20.19	20.19	3628.	801.	0.00	1.18		23.58	23.58	24832.	347.	0.45	1.66	
8367		50		20.19	20.19	1560.	463.	0.00	0.64		23.58	23.58	10554.	1030.	0.00	1.63	
8368		50		20.19	20.19	2751.	395.	0.00	0.63		23.58	23.58	14075.	1320.	2.66	24.51	
8369		50		20.19	20.19	1473.	395.	0.00	0.56		23.58	23.58	7318.	479.	0.00	0.87	
8371		50		20.19	20.19	1119.	300.	0.00	0.42		23.58	23.58	1945.	378.	0.00	0.48	
8372		50		20.19	20.19	4422.	670.	0.00	1.07		23.58	23.58	2375.	1013.	0.00	1.15	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8373		50		20.19	20.19	1614.	259.	0.00	0.40		23.58	23.58	1676.	604.	0.00	0.70	
8375		50		20.19	20.19	999.	120.	0.00	0.20		23.58	23.58	821.	287.	0.00	0.33	
8376		50		10.32	10.32	696.	87.	0.00	0.28		10.18	10.18	282.	305.	0.00	0.75	
8378		50		10.32	10.32	544.	117.	0.00	0.33		10.18	10.18	0.	-251.	0.03	-0.03	
8379		50		10.32	10.32	125.	491.	0.00	1.15		10.18	10.18	1082.	83.	0.00	0.32	
8380		50		10.32	10.32	210.	430.	0.00	1.02		10.18	10.18	988.	137.	0.00	0.44	
8381		50		10.32	10.32	85.	398.	0.00	0.93		10.18	10.18	554.	-14.	0.02	0.06	
8382		50		10.32	10.32	197.	373.	0.00	0.89		10.18	10.18	597.	84.	0.00	0.27	
8383		50		10.32	10.32	1639.	454.	0.00	1.26		10.18	10.18	599.	18.	0.00	0.11	
8384		50		10.32	10.32	1312.	314.	0.00	0.88		10.18	10.18	1082.	-59.	0.04	0.11	
8385		50		10.32	10.32	0.	280.	0.00	0.64		10.18	10.18	1467.	-86.	0.06	0.15	
8386		50		10.32	10.32	494.	111.	0.00	0.31		10.18	10.18	0.	-79.	0.01	-0.01	
8387		50		10.32	10.32	201.	81.	0.00	0.21		10.18	10.18	0.	-87.	0.01	-0.01	
8388		50		10.32	10.32	72.	76.	0.00	0.18		10.18	10.18	0.	-52.	0.01	-0.01	
8389		50		10.32	10.32	0.	250.	0.00	0.58		10.18	10.18	0.	-114.	0.01	-0.01	
8391		50		10.32	10.32	0.	279.	0.00	0.64		10.18	10.18	0.	-96.	0.01	-0.01	

SUPERIORE ORIZZONTALE													SUPERIORE VERTICALE				
GUSCI		spess		Af	Afc	Mom	Nor	epsC	epsF		Af	Afc	Mom	Nor	epsC	epsF	
1718		50		10.32	10.32	11913.	134.	0.34	1.70		10.18	10.18	0.	233.	0.00	0.55	
1719		50		10.32	10.32	3426.	159.	0.00	0.77		10.18	10.18	0.	291.	0.00	0.68	
1720		50		10.32	10.32	7358.	93.	0.13	1.07		10.18	10.18	0.	330.	0.00	0.77	
1721		50		10.32	10.32	11461.	136.	0.31	1.66		10.18	10.18	0.	154.	0.00	0.36	
1722		50		10.32	10.32	2824.	158.	0.00	0.70		10.18	10.18	0.	219.	0.00	0.51	
1723		50		10.32	10.32	6500.	111.	0.07	1.02		10.18	10.18	0.	276.	0.00	0.65	
1724		50		10.32	10.32	10311.	108.	0.26	1.45		10.18	10.18	1817.	-78.	0.07	0.19	
1725		50		10.32	10.32	3850.	119.	0.00	0.73		10.18	10.18	3292.	-98.	0.11	0.34	
1727		50		10.32	10.32	9400.	89.	0.22	1.30		10.18	10.18	4383.	-167.	0.15	0.44	
1728		50		10.32	10.32	6487.	88.	0.09	0.96		10.18	10.18	6725.	-192.	0.23	0.62	
1729		50		10.32	10.32	6834.	-3.	0.21	0.79		10.18	10.18	9552.	-244.	0.31	0.84	
1730		50		10.32	10.32	7755.	41.	0.20	1.00		10.18	10.18	6300.	-44.	0.20	0.73	
1731		50		10.32	10.32	8036.	59.	0.19	1.07		10.18	10.18	7804.	-59.	0.25	0.85	
1732		50		10.32	10.32	6271.	17.	0.17	0.77		10.18	10.18	10966.	-106.	0.35	1.13	
1733		50		10.32	10.32	6642.	35.	0.16	0.85		10.18	10.18	10553.	-24.	0.33	1.27	
1734		50		10.32	10.32	8981.	50.	0.23	1.16		10.18	10.18	12854.	-26.	0.41	1.46	
1735		50		10.32	10.32	6291.	24.	0.19	0.79		10.18	10.18	17299.	-141.	0.55	1.81	
1738		50		10.32	10.32	1732.	91.	0.00	0.42		10.18	10.18	2268.	-84.	0.08	0.24	
1739		50		10.32	10.32	1758.	184.	0.00	0.63		10.18	10.18	5050.	-123.	0.17	0.50	
1740		50		10.32	10.32	1684.	178.	0.00	0.61		10.18	10.18	5046.	-151.	0.18	0.53	
1741		50		10.32	10.32	1237.	148.	0.00	0.49		10.18	10.18	4737.	-180.	0.16	0.45	
1747		50		10.32	10.32	4204.	226.	0.00	1.02		10.18	10.18	4799.	-195.	0.17	0.47	
1749		50		10.32	10.32	2405.	270.	0.00	0.91		10.18	10.18	1673.	-50.	0.06	0.26	
1750		50		10.32	10.32	2756.	263.	0.00	0.93		10.18	10.18	3022.	-81.	0.10	0.31	
1751		50		10.32	10.32	1946.	264.	0.00	0.84		10.18	10.18	4634.	-89.	0.15	0.48	
1752		50		10.32	10.32	1747.	250.	0.00	0.78		10.18	10.18	5145.	-190.	0.18	0.48	
1753		50		10.32	10.32	2275.	231.	0.00	0.80		10.18	10.18	5040.	-185.	0.17	0.50	
1754		50		10.32	10.32	511.	284.	0.00	0.72		10.18	10.18	0.	-205.	0.02	-0.02	
1755		50		10.32	10.32	976.	271.	0.00	0.74		10.18	10.18	1401.	27.	0.05	0.23	
1756		50		10.32	10.32	730.	262.	0.00	0.69		10.18	10.18	2812.	-99.	0.10	0.31	
1757		50		10.32	10.32	0.	256.	0.00	0.59		10.18	10.18	3858.	-48.	0.13	0.42	
1758		50		10.32	10.32	349.	231.	0.00	0.57		10.18	10.18	4896.	-153.	0.17	0.47	
1759		50		10.32	10.32	889.	220.	0.00	0.61		10.18	10.18	5411.	-153.	0.19	0.55	
1760		50		10.32	10.32	0.	288.	0.00	0.67		10.18	10.18	0.	-195.	0.02	-0.02	
1761		50		10.32	10.32	0.	278.	0.00	0.64		10.18	10.18	896.	-81.	0.04	0.11	
1762		50		10.32	10.32	0.	260.	0.00	0.60		10.18	10.18	2067.	-146.	0.08	0.19	
1763		50		10.32	10.32	0.	249.	0.00	0.58		10.18	10.18	2545.	-149.	0.09	0.24	
1764		50		10.32	10.32	0.	232.	0.00	0.53		10.18	10.18	4482.	-126.	0.15	0.44	
1765		50		10.32	10.32	0.	218.	0.00	0.50		10.18	10.18	5681.	-136.	0.19	0.56	
1766		50		10.32	10.32	0.	272.	0.00	0.63		10.18	10.18	0.	-152.	0.02	-0.02	
1767		50		10.32	10.32	0.	261.	0.00	0.60		10.18	10.18	234.	-96.	0.02	0.02	
1768		50		10.32	10.32	0.	255.	0.00	0.59		10.18	10.18	859.	-75.	0.04	0.08	
1769		50		10.32	10.32	0.	255.	0.00	0.59		10.18	10.18	1665.	-128.	0.07	0.20	
1770		50		10.32	10.32	0.	231.	0.00	0.53		10.18	10.18	3119.	-92.	0.11	0.36	
1771		50		10.32	10.32	0.	210.	0.00	0.49		10.18	10.18	4678.	-86.	0.16	0.58	
1772		50		10.32	10.32	0.	240.	0.00	0.55		10.18	10.18	0.	94.	0.00	0.22	
1773		50		10.32	10.32	0.	231.	0.00	0.53		10.18	10.18	0.	74.	0.00	0.17	
1774		50		10.32	10.32	0.	268.	0.00	0.62		10.18	10.18	0.	-65.	0.01	-0.01	
1775		50		10.32	10.32	0.	290.	0.00	0.67		10.18	10.18	1263.	-101.	0.05	0.14	
1776		50		10.32	10.32	1069.	230.	0.00	0.66		10.18	10.18	4656.	1.	0.15	0.55	
1777		50		10.32	10.32	1996.	218.	0.00	0.74		10.18	10.18	7130.	39.	0.19	0.93	
1778		50		10.32	10.32	0.	361.	0.00	0.83		10.18	10.18	495.	26.	0.02	0.12	
1779		50		10.32	10.32	1644.	572.	0.00	1.53		10.18	10.18	712.	29.	0.02	0.16	
1784		50		10.32	10.32	0.	268.	0.00	0.62		10.18	10.18	529.	-173.	0.04	0.08	
1785		50		10.32	10.32	1626.	534.	0.00	1.44		10.18	10.18	672.	-106.	0.03	0.16	
1786		50		10.32	10.32	753.	467.	0.00	1.17		10.18	10.18	1622.	82.	0.00	0.39	
1787		50		10.32	10.32	340.	394.	0.00	0.95		10.18	10.18	1694.	71.	0.04	0.37	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1788		50		10.32	10.32	156.	345.	0.00	0.81		10.18	10.18	1710.	-22.	0.06	0.21	
1789		50		10.32	10.32	173.	302.	0.00	0.72		10.18	10.18	1476.	76.	0.05	0.35	
1792		50		10.32	10.32	960.	405.	0.00	1.05		10.18	10.18	2843.	-6.	0.09	0.33	
1793		50		10.32	10.32	219.	342.	0.00	0.82		10.18	10.18	2517.	-59.	0.09	0.41	
1794		50		10.32	10.32	141.	288.	0.00	0.68		10.18	10.18	2275.	-98.	0.08	0.23	
1795		50		10.32	10.32	526.	227.	0.00	0.60		10.18	10.18	1768.	-59.	0.06	0.31	
1798		50		10.32	10.32	1070.	356.	0.00	0.95		10.18	10.18	4713.	-57.	0.15	0.51	
1799		50		10.32	10.32	110.	293.	0.00	0.69		10.18	10.18	4417.	-48.	0.14	0.49	
1800		50		10.32	10.32	0.	239.	0.00	0.55		10.18	10.18	3889.	-124.	0.14	0.46	
1801		50		10.32	10.32	590.	194.	0.00	0.52		10.18	10.18	4571.	-95.	0.15	0.52	
1802		50		10.32	10.32	3172.	193.	0.00	0.82		10.18	10.18	2892.	-269.	0.12	0.23	
1803		50		10.32	10.32	3933.	256.	0.00	1.06		10.18	10.18	3674.	-167.	0.13	0.34	
1804		50		10.32	10.32	587.	314.	0.00	0.79		10.18	10.18	4599.	-49.	0.15	0.51	
1805		50		10.32	10.32	0.	279.	0.00	0.64		10.18	10.18	3896.	-89.	0.13	0.44	
1806		50		10.32	10.32	0.	230.	0.00	0.53		10.18	10.18	4385.	-129.	0.15	0.43	
1807		50		10.32	10.32	438.	185.	0.00	0.48		10.18	10.18	4887.	-98.	0.16	0.51	
1808		50		10.32	10.32	4432.	186.	0.00	0.95		10.18	10.18	7110.	-168.	0.24	0.68	
1809		50		10.32	10.32	3567.	240.	0.00	0.98		10.18	10.18	6491.	-112.	0.21	0.66	
1810		50		10.32	10.32	557.	284.	0.00	0.72		10.18	10.18	5422.	-49.	0.18	0.60	
1811		50		10.32	10.32	0.	279.	0.00	0.64		10.18	10.18	4691.	-53.	0.15	0.55	
1812		50		10.32	10.32	0.	233.	0.00	0.54		10.18	10.18	4501.	-105.	0.15	0.50	
1813		50		10.32	10.32	731.	172.	0.00	0.48		10.18	10.18	4500.	-176.	0.16	0.46	
2537		50		10.32	10.32	1291.	248.	0.00	0.73		10.18	10.18	6882.	-165.	0.25	0.89	
2538		50		10.32	10.32	2108.	312.	0.00	0.97		10.18	10.18	6777.	-175.	0.23	0.67	
2539		50		10.32	10.32	1435.	355.	0.00	0.99		10.18	10.18	4964.	119.	0.17	0.87	
2540		50		10.32	10.32	1355.	397.	0.00	1.08		10.18	10.18	4671.	119.	0.04	0.83	
2541		50		10.32	10.32	1390.	405.	0.00	1.11		10.18	10.18	5388.	-3.	0.17	0.63	
2542		50		10.32	10.32	1161.	287.	0.00	0.80		10.18	10.18	6287.	-131.	0.21	0.62	
2543		50		10.32	10.32	428.	272.	0.00	0.68		10.18	10.18	1894.	-133.	0.07	0.19	
2544		50		10.32	10.32	1700.	287.	0.00	0.87		10.18	10.18	2096.	-111.	0.08	0.33	
2545		50		10.32	10.32	1540.	327.	0.00	0.94		10.18	10.18	2537.	-126.	0.09	0.38	
2546		50		10.32	10.32	1205.	368.	0.00	1.00		10.18	10.18	2511.	-75.	0.09	0.37	
2547		50		10.32	10.32	1124.	371.	0.00	0.99		10.18	10.18	2225.	-168.	0.09	0.24	
2548		50		10.32	10.32	667.	244.	0.00	0.64		10.18	10.18	2293.	-282.	0.10	0.17	
2550		50		10.32	10.32	1163.	72.	0.00	0.30		10.18	10.18	125.	189.	0.00	0.46	
2551		50		10.32	10.32	1459.	119.	0.00	0.46		10.18	10.18	730.	-55.	0.03	0.20	
2552		50		10.32	10.32	1093.	196.	0.00	0.58		10.18	10.18	947.	89.	0.03	0.32	
2553		50		10.32	10.32	713.	268.	0.00	0.70		10.18	10.18	712.	-155.	0.04	0.12	
2554		50		10.32	10.32	0.	206.	0.00	0.48		10.18	10.18	1951.	-192.	0.08	0.16	
2556		50		10.32	10.32	907.	400.	0.00	1.04		10.18	10.18	214.	215.	0.00	0.53	
2557		50		10.32	10.32	1496.	481.	0.00	1.30		10.18	10.18	312.	155.	0.00	0.40	
2558		50		10.32	10.32	1850.	574.	0.00	1.56		10.18	10.18	685.	184.	0.00	0.51	
2559		50		10.32	10.32	1103.	353.	0.00	0.95		10.18	10.18	849.	173.	0.00	0.51	
2563		50		10.32	10.32	799.	369.	0.00	0.95		10.18	10.18	144.	138.	0.00	0.36	
2564		50		10.32	10.32	1661.	543.	0.00	1.47		10.18	10.18	419.	169.	0.00	0.45	
2565		50		10.32	10.32	1416.	740.	0.00	2.31		10.18	10.18	784.	290.	0.00	0.77	
2566		50		10.32	10.32	1835.	816.	0.00	24.42		10.18	10.18	829.	280.	0.00	0.75	
2568		50		10.32	10.32	0.	55.	0.00	0.13		10.18	10.18	150.	650.	0.00	1.54	
2569		50		10.32	10.32	382.	249.	0.00	0.62		10.18	10.18	257.	677.	0.00	1.62	
2571		50		10.32	10.32	250.	601.	0.00	1.42		10.18	10.18	286.	459.	0.00	1.11	
2574		50		10.32	10.32	0.	758.	0.00	1.75		10.18	10.18	829.	220.	0.00	0.61	
2577		50		10.32	10.32	0.	215.	0.00	0.50		10.18	10.18	1019.	-162.	0.05	0.08	
2578		50		10.32	10.32	248.	230.	0.00	0.56		10.18	10.18	1034.	-29.	0.04	0.11	
2579		50		10.32	10.32	131.	588.	0.00	1.37		10.18	10.18	269.	57.	0.00	0.16	
2582		50		10.32	10.32	495.	468.	0.00	1.14		10.18	10.18	619.	132.	0.00	0.38	
2694		50		10.32	10.32	312.	356.	0.00	0.86		10.18	10.18	423.	-150.	0.03	0.02	
2695		50		10.32	10.32	0.	295.	0.00	0.68		10.18	10.18	0.	211.	0.00	0.49	
2696		50		10.32	10.32	0.	301.	0.00	0.69		10.18	10.18	0.	121.	0.00	0.28	
2697		50		10.32	10.32	0.	300.	0.00	0.69		10.18	10.18	47.	183.	0.00	0.43	
2699		50		10.32	10.32	0.	178.	0.00	0.41		10.18	10.18	191.	216.	0.00	0.53	
2700		50		10.32	10.32	0.	247.	0.00	0.57		10.18	10.18	0.	269.	0.00	0.63	
2701		50		10.32	10.32	0.	266.	0.00	0.61		10.18	10.18	0.	233.	0.00	0.54	
2703		50		10.32	10.32	222.	144.	0.00	0.36		10.18	10.18	0.	-11.	0.00	0.00	
2704		50		10.32	10.32	0.	85.	0.00	0.20		10.18	10.18	0.	203.	0.00	0.48	
2705		50		10.32	10.32	0.	125.	0.00	0.29		10.18	10.18	64.	38.	0.00	0.10	
2708		50		10.32	10.32	649.	209.	0.00	0.56		10.18	10.18	0.	533.	0.00	1.25	
3894		50		10.32	10.32	3891.	80.	0.00	0.64		10.18	10.18	0.	267.	0.00	0.62	
3896		50		10.32	10.32	2203.	33.	0.00	0.33		10.18	10.18	4856.	-76.	0.16	0.51	
3897		50		10.32	10.32	3807.	41.	0.05	0.54		10.18	10.18	2904.	-38.	0.10	0.32	
7032		50		20.19	20.19	5133.	938.	0.00	1.44		10.18	10.18	1397.	-217.	0.07	0.11	
7033		50		20.19	20.19	2190.	1308.	0.00	1.68		10.18	10.18	0.	212.	0.03	0.50	
7034		50		20.19	20.19	892.	1325.	0.00	1.62		10.18	10.18	0.	172.	0.01	0.40	
7035		50		20.19	20.19	0.	1291.	0.00	1.52		10.18	10.18	0.	134.	0.01	0.31	
7036		50		20.19	20.19	0.	1212.	0.00	1.43		10.18	10.18	0.	293.	0.00	0.69	
7037		50		20.19	20.19	364.	686.	0.00	0.83		10.18	10.18	0.	115.	0.01	0.27	
7038		50		20.19	20.19	4367.	-1932.	0.30	0.34		10.18	10.18	0.	-300.	0.03	-0.03	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7039		50		20.19	20.19	1278.	-622.	0.10	0.16		10.18	10.18	0.	-316.	0.04	-0.04	
7040		50		20.19	20.19	0.	-193.	0.02	-0.02		10.18	10.18	0.	-451.	0.05	-0.05	
7041		50		20.19	20.19	0.	-109.	0.01	-0.01		10.18	10.18	0.	-222.	0.03	-0.03	
7042		50		20.19	20.19	311.	-29.	0.01	0.02		10.18	10.18	0.	80.	0.01	0.19	
7043		50		20.19	20.19	107.	161.	0.00	0.20		10.18	10.18	0.	129.	0.00	0.30	
7044		50		20.19	20.19	7640.	1160.	0.00	1.88		23.58	23.58	10083.	953.	0.00	1.52	
7052		50		20.19	20.19	1385.	-384.	0.09	0.17		10.18	10.18	1523.	-286.	0.08	0.10	
7053		50		20.19	20.19	0.	-142.	0.02	-0.02		10.18	10.18	0.	-303.	0.04	-0.04	
7054		50		20.19	20.19	230.	-47.	0.01	0.02		10.18	10.18	0.	-251.	0.03	-0.03	
7055		50		20.19	20.19	715.	-17.	0.02	0.04		10.18	10.18	0.	-164.	0.02	-0.02	
7056		50		20.19	20.19	460.	85.	0.00	0.15		10.18	10.18	240.	-82.	0.02	0.02	
7066		50		20.19	20.19	1226.	12.	0.02	0.09		10.18	10.18	1773.	-44.	0.06	0.19	
7067		50		20.19	20.19	1578.	109.	0.01	0.22		10.18	10.18	2115.	45.	0.00	0.35	
7068		50		20.19	20.19	1806.	62.	0.02	0.18		10.18	10.18	2143.	50.	0.03	0.37	
7069		50		20.19	20.19	1186.	-19.	0.03	0.07		10.18	10.18	1829.	61.	0.03	0.36	
7079		50		20.19	20.19	2285.	185.	0.00	0.36		10.18	10.18	2512.	9.	0.08	0.33	
7080		50		20.19	20.19	2157.	175.	0.00	0.34		10.18	10.18	3006.	56.	0.03	0.49	
7081		50		20.19	20.19	1887.	143.	0.00	0.28		10.18	10.18	2872.	50.	0.00	0.46	
7082		50		20.19	20.19	892.	-23.	0.02	0.05		10.18	10.18	2104.	57.	0.00	0.45	
7092		50		30.51	20.19	2711.	230.	0.00	0.42		10.18	10.18	2800.	41.	0.01	0.44	
7093		50		30.51	20.19	2314.	208.	0.00	0.39		10.18	10.18	2949.	46.	0.01	0.46	
7094		50		30.51	20.19	1767.	174.	0.00	0.32		10.18	10.18	2753.	37.	0.02	0.41	
7095		50		30.51	20.19	0.	158.	0.00	0.12		10.18	10.18	1168.	124.	0.00	0.43	
7105		50		10.32	10.32	2673.	237.	0.00	0.87		10.18	10.18	3293.	52.	0.02	0.51	
7106		50		10.32	10.32	1912.	238.	0.00	0.78		10.18	10.18	3033.	45.	0.01	0.46	
7107		50		10.32	10.32	1159.	202.	0.00	0.62		10.18	10.18	2293.	38.	0.01	0.36	
7108		50		10.32	10.32	0.	211.	0.00	0.49		10.18	10.18	1198.	148.	0.00	0.49	
7117		50		10.32	10.32	3338.	241.	0.00	0.95		10.18	10.18	3414.	88.	0.00	0.61	
7118		50		10.32	10.32	2112.	257.	0.00	0.84		10.18	10.18	2721.	66.	0.00	0.48	
7119		50		10.32	10.32	1244.	249.	0.00	0.74		10.18	10.18	2167.	39.	0.00	0.35	
7120		50		10.32	10.32	803.	229.	0.00	0.62		10.18	10.18	1687.	43.	0.00	0.30	
7121		50		10.32	10.32	0.	234.	0.00	0.54		10.18	10.18	1407.	119.	0.00	0.46	
7130		50		10.32	10.32	4439.	267.	0.00	1.14		10.18	10.18	2683.	78.	0.06	0.50	
7131		50		10.32	10.32	1334.	281.	0.00	0.81		10.18	10.18	440.	-206.	0.05	0.21	
7132		50		10.32	10.32	407.	279.	0.00	0.69		10.18	10.18	0.	-274.	0.03	-0.03	
7133		50		10.32	10.32	0.	270.	0.00	0.62		10.18	10.18	0.	-255.	0.03	0.05	
7134		50		10.32	10.32	0.	251.	0.00	0.58		10.18	10.18	1.	-159.	0.02	0.18	
7146		50		10.32	10.32	0.	276.	0.00	0.64		10.18	10.18	0.	-117.	0.01	0.05	
7147		50		10.32	10.32	0.	256.	0.00	0.59		10.18	10.18	0.	108.	0.00	0.25	
7148		50		20.19	20.19	1884.	741.	0.00	0.99		23.58	23.58	0.	537.	0.00	0.54	
7150		50		30.51	30.51	2608.	344.	0.00	0.38		23.58	23.58	1185.	99.	0.00	0.16	
7152		50		10.32	10.32	2503.	178.	0.00	0.71		10.18	10.18	436.	-18.	0.02	0.05	
7154		50		10.32	10.32	1406.	74.	0.00	0.33		10.18	10.18	2544.	-258.	0.11	0.20	
7156		50		10.32	10.32	703.	95.	0.00	0.30		10.18	10.18	1139.	-167.	0.05	0.09	
7157		50		10.32	10.32	333.	220.	0.00	0.55		10.18	10.18	1729.	412.	0.00	1.18	
7158		50		10.32	10.32	94.	217.	0.00	0.51		10.18	10.18	328.	-35.	0.01	0.03	
7160		50		10.32	10.32	0.	334.	0.00	0.77		10.18	10.18	852.	115.	0.00	0.37	
7161		50		10.32	10.32	0.	393.	0.00	0.91		10.18	10.18	1758.	434.	0.00	1.24	
7162		50		10.32	10.32	0.	430.	0.00	0.99		10.18	10.18	305.	371.	0.00	0.91	
7164		50		10.32	10.32	0.	710.	0.00	1.64		10.18	10.18	132.	413.	0.00	0.98	
7167		50		10.32	10.32	0.	688.	0.00	1.59		10.18	10.18	0.	127.	0.00	0.30	
7169		50		10.32	10.32	0.	652.	0.00	1.50		10.18	10.18	0.	174.	0.00	0.41	
7170		50		10.32	10.32	0.	508.	0.00	1.17		10.18	10.18	0.	166.	0.00	0.39	
7171		50		10.32	10.32	0.	378.	0.00	0.87		10.18	10.18	0.	137.	0.00	0.32	
7172		50		10.32	10.32	0.	437.	0.00	1.01		10.18	10.18	282.	472.	0.00	1.14	
7191		50		10.32	10.32	5287.	281.	0.00	1.28		10.18	10.18	0.	91.	0.00	0.21	
7194		50		10.32	10.32	2464.	266.	0.00	0.91		10.18	10.18	0.	78.	0.00	0.18	
7195		50		10.32	10.32	1795.	286.	0.00	0.87		10.18	10.18	0.	69.	0.00	0.16	
7197		50		10.32	10.32	3676.	290.	0.00	1.11		10.18	10.18	0.	85.	0.00	0.20	
7198		50		10.32	10.32	565.	283.	0.00	0.72		10.18	10.18	0.	16.	0.00	0.04	
7199		50		10.32	10.32	265.	288.	0.00	0.69		10.18	10.18	0.	32.	0.00	0.07	
7201		50		10.32	10.32	760.	293.	0.00	0.77		10.18	10.18	0.	64.	0.00	0.15	
7202		50		10.32	10.32	0.	281.	0.00	0.65		10.18	10.18	0.	-125.	0.01	-0.01	
7203		50		10.32	10.32	0.	283.	0.00	0.65		10.18	10.18	0.	-6.	0.00	0.00	
7204		50		10.32	10.32	0.	287.	0.00	0.66		10.18	10.18	0.	-20.	0.00	0.00	
7205		50		10.32	10.32	0.	283.	0.00	0.65		10.18	10.18	0.	13.	0.00	0.03	
7208		50		10.32	10.32	718.	465.	0.00	1.16		10.18	10.18	847.	126.	0.00	0.39	
7212		50		10.32	10.32	311.	394.	0.00	0.95		10.18	10.18	929.	138.	0.00	0.43	
7216		50		10.32	10.32	66.	346.	0.00	0.81		10.18	10.18	1139.	-8.	0.04	0.13	
7220		50		10.32	10.32	0.	299.	0.00	0.69		10.18	10.18	1174.	25.	0.00	0.20	
7224		50		10.32	10.32	1022.	258.	0.00	0.72		10.18	10.18	700.	-40.	0.03	0.07	
7227		50		10.32	10.32	2440.	276.	0.00	0.93		10.18	10.18	53.	-124.	0.02	-0.01	
7228		50		10.32	10.32	3253.	285.	0.00	1.05		10.18	10.18	216.	-136.	0.02	0.01	
7231		50		10.32	10.32	562.	287.	0.00	0.73		10.18	10.18	0.	-140.	0.02	-0.02	
7232		50		10.32	10.32	1673.	292.	0.00	0.87		10.18	10.18	0.	-168.	0.02	-0.02	
7233		50		10.32	10.32	1786.	282.	0.00	0.86		10.18	10.18	0.	-123.	0.01	-0.01	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7407		50		20.19	20.19	0.	130.	0.00	0.15		10.18	10.18	0.	193.	0.00	0.45	
7408		50		20.19	20.19	211.	133.	0.00	0.17		10.18	10.18	1205.	215.	0.00	0.65	
7409		50		20.19	20.19	0.	73.	0.00	0.09		10.18	10.18	3397.	227.	0.00	0.94	
7410		50		20.19	20.19	0.	143.	0.00	0.17		10.18	10.18	0.	145.	0.00	0.34	
7411		50		20.19	20.19	219.	43.	0.01	0.06		10.18	10.18	0.	203.	0.00	0.48	
7412		50		20.19	20.19	0.	-129.	0.01	-0.01		10.18	10.18	0.	316.	0.00	0.74	
7413		50		20.19	20.19	0.	167.	0.00	0.20		10.18	10.18	0.	269.	0.00	0.63	
7414		50		20.19	20.19	0.	-70.	0.01	-0.01		10.18	10.18	0.	411.	0.00	0.96	
7415		50		20.19	20.19	0.	-115.	0.01	-0.01		10.18	10.18	0.	578.	0.00	1.35	
7416		50		20.19	20.19	0.	182.	0.00	0.21		10.18	10.18	0.	354.	0.00	0.83	
7417		50		20.19	20.19	0.	66.	0.00	0.08		10.18	10.18	0.	452.	0.00	1.06	
7418		50		20.19	20.19	0.	-109.	0.01	0.08		10.18	10.18	0.	644.	0.00	1.50	
7419		50		30.51	20.19	0.	187.	0.00	0.22		10.18	10.18	0.	342.	0.00	0.80	
7420		50		30.51	20.19	0.	142.	0.00	0.16		10.18	10.18	0.	440.	0.00	1.03	
7421		50		30.51	20.19	0.	-132.	0.01	0.10		10.18	10.18	0.	634.	0.00	1.48	
7422		50		10.32	10.32	1141.	155.	0.00	0.49		10.18	10.18	0.	313.	0.00	0.73	
7423		50		10.32	10.32	0.	180.	0.00	0.42		10.18	10.18	0.	398.	0.00	0.93	
7424		50		10.32	10.32	0.	-85.	0.01	0.12		10.18	10.18	0.	567.	0.00	1.33	
7425		50		10.32	10.32	3975.	131.	0.00	0.77		10.18	10.18	479.	259.	0.00	0.66	
7426		50		10.32	10.32	362.	174.	0.00	0.44		10.18	10.18	0.	354.	0.00	0.83	
7427		50		10.32	10.32	0.	-41.	0.00	0.04		10.18	10.18	0.	495.	0.00	1.16	
7428		50		10.32	10.32	6817.	129.	0.06	1.10		10.18	10.18	111.	209.	0.00	0.50	
7429		50		10.32	10.32	964.	162.	0.00	0.49		10.18	10.18	0.	336.	0.00	0.79	
7430		50		10.32	10.32	2657.	34.	0.04	0.39		10.18	10.18	0.	431.	0.00	1.01	
7431		50		10.32	10.32	9173.	120.	0.19	1.35		10.18	10.18	0.	221.	0.00	0.52	
7432		50		10.32	10.32	1601.	157.	0.00	0.55		10.18	10.18	0.	303.	0.00	0.71	
7433		50		10.32	10.32	5583.	49.	0.10	0.76		10.18	10.18	0.	378.	0.00	0.88	
8318		50		10.32	10.32	4277.	250.	0.00	1.08		10.18	10.18	5007.	-125.	0.17	0.50	
8319		50		10.32	10.32	3548.	259.	0.00	1.02		10.18	10.18	5204.	-169.	0.18	0.49	
8320		50		10.32	10.32	4190.	237.	0.00	1.04		10.18	10.18	4592.	-136.	0.16	0.45	
8321		50		10.32	10.32	3482.	28.	0.06	0.47		10.18	10.18	5234.	-163.	0.18	0.50	
8322		50		10.32	10.32	4950.	252.	0.00	1.17		10.18	10.18	4050.	-144.	0.14	0.39	
8323		50		10.32	10.32	4296.	266.	0.00	1.12		10.18	10.18	4980.	-137.	0.17	0.49	
8324		50		10.32	10.32	4482.	259.	0.00	1.13		10.18	10.18	5107.	-163.	0.17	0.48	
8325		50		10.32	10.32	3619.	17.	0.08	0.46		10.18	10.18	5076.	-152.	0.17	0.49	
8326		50		10.32	10.32	4838.	249.	0.00	1.15		10.18	10.18	2142.	-117.	0.08	0.21	
8327		50		10.32	10.32	4710.	259.	0.00	1.16		10.18	10.18	2638.	-139.	0.10	0.25	
8328		50		10.32	10.32	5078.	250.	0.00	1.18		10.18	10.18	2791.	-157.	0.10	0.26	
8329		50		10.32	10.32	3604.	73.	0.00	0.59		10.18	10.18	2402.	-92.	0.08	0.24	
8336		50		10.32	10.32	1487.	164.	0.00	0.55		10.18	10.18	2801.	-253.	0.11	0.22	
8337		50		10.32	10.32	0.	157.	0.00	0.36		10.18	10.18	2645.	-204.	0.10	0.23	
8339		50		10.32	10.32	2726.	347.	0.00	1.13		10.18	10.18	3973.	-142.	0.14	0.38	
8340		50		10.32	10.32	3586.	295.	0.00	1.11		10.18	10.18	3291.	-181.	0.12	0.30	
8342		50		10.32	10.32	0.	241.	0.00	0.55		10.18	10.18	1251.	-140.	0.05	0.11	
8345		50		10.32	10.32	105.	194.	0.00	0.46		10.18	10.18	1239.	-192.	0.06	0.10	
8346		50		10.32	10.32	1766.	490.	0.00	1.36		10.18	10.18	1466.	-116.	0.06	0.14	
8347		50		10.32	10.32	2260.	463.	0.00	1.36		10.18	10.18	2100.	-93.	0.08	0.21	
8349		50		10.32	10.32	3248.	362.	0.00	1.25		10.18	10.18	2387.	-154.	0.09	0.22	
8350		50		10.32	10.32	2374.	201.	0.00	0.74		10.18	10.18	2786.	78.	0.00	0.51	
8351		50		10.32	10.32	2522.	206.	0.00	0.77		10.18	10.18	3415.	51.	0.02	0.52	
8352		50		10.32	10.32	3018.	218.	0.00	0.86		10.18	10.18	2802.	88.	0.00	0.54	
8354		50		20.19	20.19	1468.	173.	0.00	0.29		10.18	10.18	1815.	49.	0.00	0.33	
8355		50		20.19	20.19	1681.	177.	0.00	0.31		10.18	10.18	2332.	28.	0.02	0.34	
8356		50		30.51	30.51	1986.	195.	0.00	0.23		10.18	10.18	2229.	61.	0.00	0.41	
8358		50		20.19	20.19	3060.	49.	0.02	0.24		10.18	10.18	2092.	-76.	0.07	0.22	
8359		50		20.19	20.19	2149.	86.	0.00	0.23		10.18	10.18	2532.	-31.	0.08	0.28	
8360		50		20.19	20.19	2176.	132.	0.00	0.29		10.18	10.18	2174.	-2.	0.07	0.26	
8362		50		20.19	20.19	2308.	-161.	0.07	0.11		10.18	10.18	2448.	-118.	0.09	0.24	
8363		50		20.19	20.19	1779.	-9.	0.04	0.11		10.18	10.18	1658.	-47.	0.06	0.18	
8364		50		20.19	20.19	2922.	-34.	0.07	0.17		10.18	10.18	2066.	-116.	0.08	0.20	
8365		50		20.19	20.19	3999.	801.	0.00	1.20		23.58	23.58	24655.	347.	0.45	1.65	
8367		50		20.19	20.19	3220.	463.	0.00	0.74		23.58	23.58	2216.	1030.	0.00	1.16	
8368		50		20.19	20.19	5867.	395.	0.00	0.83		23.58	23.58	1845.	1320.	0.00	1.44	
8369		50		20.19	20.19	2179.	395.	0.00	0.60		23.58	23.58	0.	479.	0.00	0.48	
8371		50		20.19	20.19	3052.	300.	0.00	0.54		23.58	23.58	0.	378.	0.00	0.38	
8372		50		20.19	20.19	3173.	670.	0.00	0.99		23.58	23.58	0.	1013.	0.00	1.02	
8373		50		20.19	20.19	3138.	259.	0.00	0.50		23.58	23.58	239.	604.	0.00	0.62	
8375		50		20.19	20.19	3615.	120.	0.00	0.36		23.58	23.58	1620.	287.	0.00	0.37	
8376		50		10.32	10.32	2144.	87.	0.00	0.45		10.18	10.18	714.	305.	0.00	0.80	
8378		50		10.32	10.32	1672.	117.	0.00	0.47		10.18	10.18	2948.	-251.	0.12	0.24	
8379		50		10.32	10.32	807.	491.	0.00	1.24		10.18	10.18	696.	83.	0.00	0.28	
8380		50		10.32	10.32	459.	430.	0.00	1.05		10.18	10.18	944.	137.	0.00	0.43	
8381		50		10.32	10.32	168.	398.	0.00	0.94		10.18	10.18	884.	-14.	0.03	0.10	
8382		50		10.32	10.32	0.	373.	0.00	0.86		10.18	10.18	1179.	84.	0.00	0.34	
8383		50		10.32	10.32	0.	454.	0.00	1.05		10.18	10.18	949.	18.	0.00	0.15	
8384		50		10.32	10.32	1377.	314.	0.00	0.89		10.18	10.18	540.	-59.	0.02	0.05	

8385		50		10.32	10.32	5260.	280.	0.00	1.27		10.18	10.18	368.	-86.	0.02	0.03	
8386		50		10.32	10.32	1115.	111.	0.00	0.39		10.18	10.18	1342.	-79.	0.05	0.14	
8387		50		10.32	10.32	1064.	81.	0.00	0.31		10.18	10.18	1688.	-87.	0.06	0.17	
8388		50		10.32	10.32	913.	76.	0.00	0.28		10.18	10.18	1616.	-52.	0.06	0.17	
8389		50		10.32	10.32	4479.	250.	0.00	1.11		10.18	10.18	1630.	-114.	0.06	0.16	
8391		50		10.32	10.32	4941.	251.	0.00	1.17		10.18	10.18	1745.	-96.	0.07	0.18	

1.3 PARETE P6

Si riportano di seguito gli involuipi delle sollecitazioni SLU/SLV massimi e minimi. Le unità di misura utilizzate sono [daN/cm] e [daNcm/cm]. Le sollecitazioni sono rappresentate nella convenzione tipica delle piastre. A seguire sono riportati i tabulati di verifica. Si predispone un'armatura verticale su entrambe le facce costituita da 1ϕ16/20 e in direzione orizzontale si inserisce 1ϕ22/20 su entrambe le facce.

A taglio si inseriscono spilli ϕ12/40x40 che garantiscono una tensione di taglio resistente di 6.16 daN/cm² tranne che nei 100 cm inferiori dove si inseriscono spilli ϕ12/20x40.

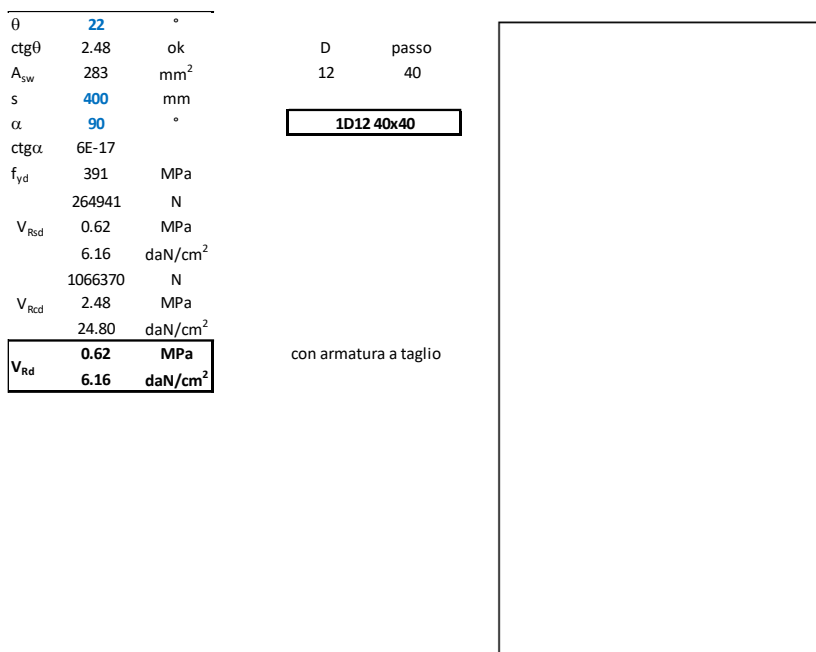


FIGURA 12: ISOLINEE DELLE TENSIONI TANGENZIALI

θ	22	°
$\text{ctg}\theta$	2.48	ok
A_{sw}	565	mm^2
s	400	mm
α	90	°
$\text{ctg}\alpha$	6E-17	
f_{yd}	391	MPa
	529881	N
V_{Rsd}	1.23	MPa
	12.32	daN/cm^2
	1066370	N
V_{Rcd}	2.48	MPa
	24.80	daN/cm^2
V_{Rd}	1.23	MPa
	12.32	daN/cm^2

D passo
 12 20

1D12 20x40

con armatura a taglio

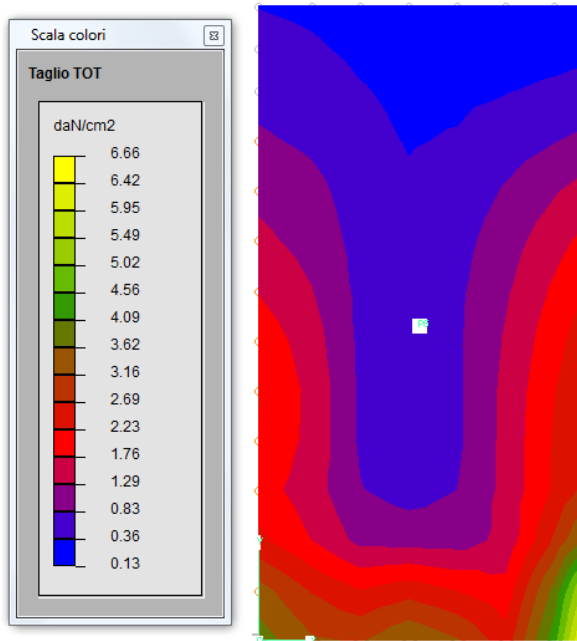


FIGURA 13: TENSIONI TANGENZIALI MASSIME

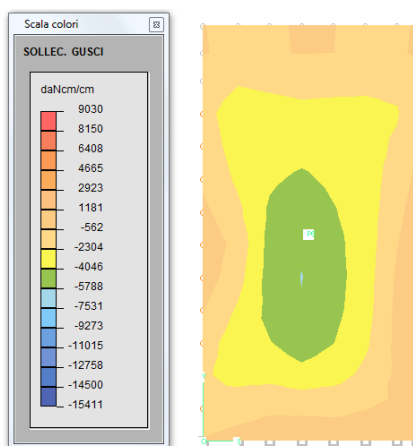


FIGURA 14: MIN Mx

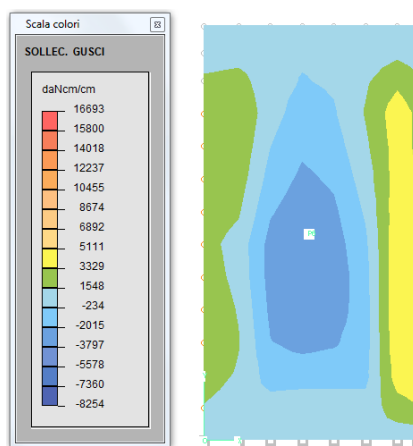


FIGURA 15: MAX Mx

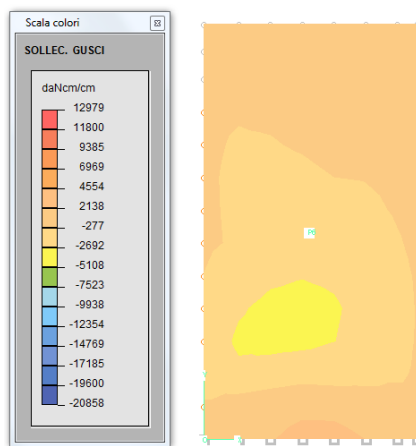


FIGURA 16: MIN MY

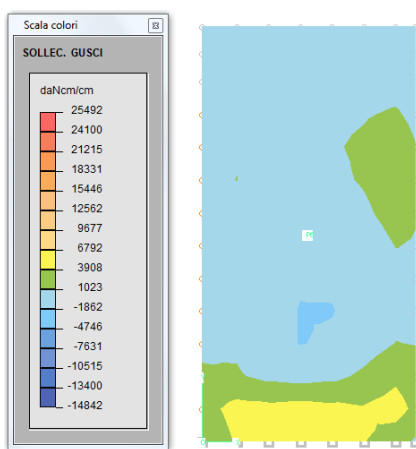


FIGURA 17: MAX MY

MACROGUSCIO P6 _____

VERIFICA ARMATURE EFFETTIVE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
1	SLU SENZA SISMA 1
2	SLU SENZA SISMA 2
5	SLU con SISMAX PRINC
6	SLU con SISMAX PRINC

DATI:

tensione di snervamento acciaio (fyk): 4500 daN/cm2
 coefficiente sicurezza acciaio : 1.15
 deformazione ultima acciaio : 67.5 per mille
 deformazione ultima cls : 3.5 per mille
 rapporto rottura/snervamento (k): 1.15
 resistenza cilindrica cls (fck): 290.5 daN/cm2
 coefficiente sicurezza cls : 1.5
 coefficiente riduttivo (alfa): 0.85
 copriferro inferiore (asse armatura): 7 cm
 copriferro superiore (asse armatura): 7 cm
 moltiplicatore sollecitazioni : 1

LEGENDA:

spess = spessore guscio. Verifica effettuata su sezione BxH, con B=1 cm e H="spess" cm
 Af = area disposta al lembo teso, in cm2 al metro
 Afc = area disposta al lembo compresso, in cm2 al metro
 Mom = momento flettente [daNcm/cm]
 Nor = sforzo normale [daN]
 epsC = deformazione cls [per mille]
 epsF = deformazione acciaio [per mille]

<-

L'armatura è sufficiente se le deformazioni dei materiali sono ovunque minori delle corrispondenti deformazioni ultime.

GUSCI	spess	INFERIORE ORIZZONTALE				INFERIORE VERTICALE							
		Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
8149	50	19.43	19.43	3478.	106.	0.00	0.36	10.44	10.44	6932.	-50.	0.22	0.86
8150	50	19.43	19.43	1186.	184.	0.00	0.30	10.44	10.44	8383.	-108.	0.27	0.84
8151	50	19.43	19.43	762.	93.	0.00	0.16	10.44	10.44	9776.	-197.	0.32	0.89
8152	50	19.43	19.43	591.	56.	0.00	0.11	10.44	10.44	9847.	-247.	0.32	0.85
8153	50	19.43	19.43	1153.	28.	0.00	0.11	10.44	10.44	8219.	-91.	0.26	0.88
8154	50	19.43	19.43	1624.	49.	0.04	0.16	10.44	10.44	7390.	-67.	0.24	0.78
8155	50	19.43	19.43	4477.	30.	0.07	0.32	10.44	10.44	4108.	159.	0.00	0.84
8156	50	19.43	19.43	606.	188.	0.00	0.27	10.44	10.44	3287.	115.	0.01	0.64
8157	50	19.43	19.43	0.	126.	0.00	0.15	10.44	10.44	2372.	-4.	0.07	0.27
8158	50	19.43	19.43	0.	82.	0.00	0.10	10.44	10.44	1469.	-85.	0.05	0.14
8159	50	19.43	19.43	286.	41.	0.00	0.08	10.44	10.44	3665.	-117.	0.13	0.36
8160	50	19.43	19.43	2270.	51.	0.02	0.21	10.44	10.44	4911.	-13.	0.15	0.55
8161	50	19.43	19.43	5790.	-45.	0.14	0.35	10.44	10.44	1988.	215.	0.00	0.72
8162	50	19.43	19.43	0.	204.	0.00	0.25	10.44	10.44	1127.	150.	0.00	0.47
8163	50	19.43	19.43	0.	157.	0.00	0.19	10.44	10.44	0.	-82.	0.01	0.02
8164	50	19.43	19.43	0.	106.	0.00	0.13	10.44	10.44	0.	-112.	0.01	-0.01
8165	50	19.43	19.43	0.	65.	0.00	0.08	10.44	10.44	0.	-60.	0.01	0.11
8166	50	19.43	19.43	3000.	113.	0.00	0.33	10.44	10.44	1323.	115.	0.00	0.42
8167	50	19.43	19.43	6316.	-16.	0.15	0.39	10.44	10.44	1005.	141.	0.00	0.44
8168	50	19.43	19.43	0.	196.	0.00	0.24	10.44	10.44	144.	112.	0.00	0.27
8169	50	19.43	19.43	0.	170.	0.00	0.21	10.44	10.44	0.	-35.	0.00	0.07
8170	50	19.43	19.43	0.	123.	0.00	0.15	10.44	10.44	0.	-79.	0.01	-0.01
8171	50	19.43	19.43	0.	20.	0.00	0.02	10.44	10.44	0.	43.	0.00	0.10
8172	50	19.43	19.43	3519.	146.	0.00	0.40	10.44	10.44	0.	99.	0.00	0.23
8173	50	19.43	19.43	5457.	-47.	0.13	0.33	10.44	10.44	328.	71.	0.00	0.20
8174	50	19.43	19.43	0.	131.	0.00	0.16	10.44	10.44	0.	51.	0.00	0.12
8175	50	19.43	19.43	0.	154.	0.00	0.19	10.44	10.44	0.	48.	0.00	0.11
8176	50	19.43	19.43	0.	123.	0.00	0.15	10.44	10.44	0.	-60.	0.01	-0.01
8177	50	19.43	19.43	0.	57.	0.00	0.07	10.44	10.44	0.	47.	0.00	0.11
8178	50	19.43	19.43	3396.	176.	0.00	0.43	10.44	10.44	0.	109.	0.00	0.25
8179	50	19.43	19.43	5625.	-27.	0.13	0.35	10.44	10.44	0.	80.	0.00	0.18
8180	50	19.43	19.43	0.	68.	0.00	0.08	10.44	10.44	0.	21.	0.00	0.05
8181	50	19.43	19.43	0.	102.	0.00	0.12	10.44	10.44	0.	39.	0.00	0.09
8182	50	19.43	19.43	0.	59.	0.00	0.07	10.44	10.44	0.	-37.	0.00	0.00
8183	50	19.43	19.43	0.	157.	0.00	0.19	10.44	10.44	0.	40.	0.00	0.09
8184	50	19.43	19.43	3448.	165.	0.00	0.42	10.44	10.44	106.	94.	0.00	0.23
8185	50	19.43	19.43	6395.	18.	0.13	0.43	10.44	10.44	755.	61.	0.00	0.23
8186	50	19.43	19.43	178.	27.	0.00	0.04	10.44	10.44	62.	56.	0.00	0.14
8187	50	19.43	19.43	0.	49.	0.00	0.06	10.44	10.44	0.	39.	0.00	0.09
8188	50	19.43	19.43	0.	42.	0.00	0.05	10.44	10.44	0.	-35.	0.00	0.00
8189	50	19.43	19.43	0.	154.	0.00	0.19	10.44	10.44	423.	59.	0.00	0.18
8190	50	19.43	19.43	3718.	137.	0.00	0.40	10.44	10.44	1096.	116.	0.00	0.39
8191	50	19.43	19.43	7051.	43.	0.12	0.50	10.44	10.44	1524.	86.	0.00	0.37
8192	50	19.43	19.43	1174.	-2.	0.03	0.07	10.44	10.44	737.	69.	0.00	0.24
8193	50	19.43	19.43	0.	36.	0.00	0.04	10.44	10.44	28.	43.	0.00	0.10
8194	50	19.43	19.43	0.	86.	0.00	0.11	10.44	10.44	253.	-10.	0.01	0.03
8195	50	19.43	19.43	0.	131.	0.00	0.16	10.44	10.44	1238.	69.	0.01	0.30
8196	50	19.43	19.43	3934.	108.	0.00	0.38	10.44	10.44	1930.	125.	0.00	0.51
8197	50	19.43	19.43	6989.	45.	0.12	0.50	10.44	10.44	1860.	82.	0.00	0.40
8198	50	19.43	19.43	1953.	16.	0.03	0.14	10.44	10.44	1079.	62.	0.00	0.26
8199	50	19.43	19.43	0.	60.	0.00	0.07	10.44	10.44	589.	21.	0.02	0.11
8200	50	19.43	19.43	0.	83.	0.00	0.10	10.44	10.44	806.	-17.	0.03	0.09
8201	50	19.43	19.43	194.	90.	0.00	0.13	10.44	10.44	1982.	77.	0.01	0.40
8202	50	19.43	19.43	4133.	83.	0.01	0.36	10.44	10.44	2574.	120.	0.00	0.57
8203	50	19.43	19.43	6217.	44.	0.10	0.45	10.44	10.44	1654.	56.	0.00	0.32
8204	50	19.43	19.43	2404.	45.	0.01	0.21	10.44	10.44	1083.	40.	0.00	0.21
8205	50	19.43	19.43	0.	62.	0.00	0.08	10.44	10.44	679.	13.	0.02	0.11
8206	50	19.43	19.43	0.	79.	0.00	0.10	10.44	10.44	1040.	0.	0.03	0.12
8207	50	19.43	19.43	740.	80.	0.00	0.14	10.44	10.44	1944.	42.	0.03	0.34
8208	50	19.43	19.43	3997.	69.	0.02	0.34	10.44	10.44	2376.	74.	0.00	0.44
8209	50	19.43	19.43	4551.	51.	0.06	0.35	10.44	10.44	1079.	48.	0.00	0.23
8210	50	19.43	19.43	1914.	69.	0.00	0.21	10.44	10.44	940.	8.	0.01	0.15
8211	50	19.43	19.43	0.	79.	0.00	0.10	10.44	10.44	512.	-8.	0.02	0.08
8212	50	19.43	19.43	0.	97.	0.00	0.12	10.44	10.44	721.	-3.	0.02	0.08
8213	50	19.43	19.43	853.	88.	0.00	0.16	10.44	10.44	1331.	14.	0.02	0.19
8214	50	19.43	19.43	3115.	74.	0.00	0.29	10.44	10.44	1676.	37.	0.00	0.28
8215	50	19.43	19.43	7020.	-139.	0.18	0.40	10.44	10.44	7428.	5.	0.22	0.87
8216	50	19.43	19.43	7257.	-117.	0.18	0.46	10.44	10.44	5975.	17.	0.16	0.72
8217	50	19.43	19.43	8731.	99.	0.20	0.67	10.44	10.44	2159.	201.	0.00	0.71
8218	50	19.43	19.43	8648.	177.	0.10	0.77	10.44	10.44	541.	163.	0.00	0.44
8219	50	19.43	19.43	9030.	162.	0.08	0.77	10.44	10.44	95.	147.	0.00	0.35

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8220		50		19.43	19.43	8671.	159.	0.07	0.74		10.44	10.44	651.	156.	0.00	0.43	
8221		50		19.43	19.43	8390.	133.	0.08	0.70		10.44	10.44	1693.	179.	0.00	0.60	
8222		50		19.43	19.43	7740.	123.	0.09	0.64		10.44	10.44	2553.	185.	0.00	0.72	
8223		50		19.43	19.43	7357.	92.	0.10	0.58		10.44	10.44	2903.	156.	0.00	0.69	
8224		50		19.43	19.43	7036.	64.	0.10	0.52		10.44	10.44	2611.	95.	0.00	0.52	
8225		50		19.43	19.43	5497.	51.	0.08	0.41		10.44	10.44	1832.	81.	0.00	0.40	
8226		30		19.43	19.43	3113.	27.	0.19	0.42		10.44	10.44	349.	35.	0.00	0.18	
8227		30		19.43	19.43	1265.	51.	0.03	0.22		10.44	10.44	258.	19.	0.02	0.10	
8228		30		19.43	19.43	209.	54.	0.00	0.09		10.44	10.44	178.	0.	0.02	0.04	
8229		30		19.43	19.43	0.	75.	0.00	0.09		10.44	10.44	149.	4.	0.01	0.04	
8230		30		19.43	19.43	746.	65.	0.00	0.17		10.44	10.44	361.	5.	0.02	0.09	
8231		30		19.43	19.43	2174.	46.	0.10	0.32		10.44	10.44	501.	53.	0.00	0.23	
8232		30		19.43	19.43	1469.	29.	0.07	0.22		10.44	10.44	332.	21.	0.00	0.12	
8233		30		19.43	19.43	499.	77.	0.00	0.16		10.44	10.44	268.	12.	0.01	0.09	
8234		30		19.43	19.43	185.	85.	0.00	0.13		10.44	10.44	177.	3.	0.02	0.05	
8235		30		19.43	19.43	92.	90.	0.00	0.12		10.44	10.44	93.	-3.	0.01	0.02	
8236		30		19.43	19.43	470.	77.	0.00	0.16		10.44	10.44	220.	9.	0.01	0.07	
8237		30		19.43	19.43	980.	64.	0.00	0.20		10.44	10.44	336.	18.	0.00	0.11	
8238		30		19.43	19.43	3928.	23.	0.25	0.51		10.44	10.44	612.	62.	0.00	0.28	
8239		30		19.43	19.43	1950.	21.	0.11	0.27		10.44	10.44	391.	22.	0.00	0.14	

SUPERIORE ORIZZONTALE													SUPERIORE VERTICALE				
GUSCI	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF				
8149		50		19.43	19.43	5617.	106.	0.03	0.49		10.44	10.44	0.	68.	0.01	0.16	
8150		50		19.43	19.43	3417.	170.	0.00	0.43		10.44	10.44	0.	-108.	0.01	-0.01	
8151		50		19.43	19.43	2407.	98.	0.00	0.27		10.44	10.44	0.	-200.	0.02	-0.02	
8152		50		19.43	19.43	837.	70.	0.00	0.14		10.44	10.44	0.	-247.	0.03	-0.03	
8153		50		19.43	19.43	1452.	48.	0.00	0.15		10.44	10.44	0.	-91.	0.01	-0.01	
8154		50		19.43	19.43	1930.	12.	0.04	0.16		10.44	10.44	0.	-85.	0.01	-0.01	
8155		50		19.43	19.43	5306.	30.	0.09	0.43		10.44	10.44	1411.	185.	0.00	0.59	
8156		50		19.43	19.43	3686.	184.	0.00	0.46		10.44	10.44	1000.	115.	0.00	0.38	
8157		50		19.43	19.43	3070.	119.	0.00	0.34		10.44	10.44	1745.	-104.	0.07	0.17	
8158		50		19.43	19.43	1729.	82.	0.00	0.21		10.44	10.44	1039.	-166.	0.05	0.08	
8159		50		19.43	19.43	2363.	57.	0.01	0.22		10.44	10.44	954.	-133.	0.04	0.08	
8160		50		19.43	19.43	1983.	77.	0.02	0.22		10.44	10.44	786.	-36.	0.03	0.08	
8161		50		19.43	19.43	3852.	93.	0.10	0.36		10.44	10.44	1873.	200.	0.00	0.67	
8162		50		19.43	19.43	4077.	204.	0.00	0.51		10.44	10.44	1979.	150.	0.00	0.57	
8163		50		19.43	19.43	4185.	157.	0.00	0.46		10.44	10.44	2378.	-82.	0.08	0.29	
8164		50		19.43	19.43	3409.	106.	0.00	0.35		10.44	10.44	2267.	-112.	0.08	0.22	
8165		50		19.43	19.43	3527.	30.	0.05	0.27		10.44	10.44	1747.	-60.	0.06	0.25	
8166		50		19.43	19.43	1897.	130.	0.00	0.28		10.44	10.44	1767.	50.	0.00	0.35	
8167		50		19.43	19.43	3286.	-6.	0.08	0.21		10.44	10.44	1201.	152.	0.00	0.49	
8168		50		19.43	19.43	4081.	196.	0.00	0.50		10.44	10.44	1669.	118.	0.00	0.46	
8169		50		19.43	19.43	4767.	164.	0.00	0.50		10.44	10.44	2275.	-35.	0.07	0.30	
8170		50		19.43	19.43	4489.	123.	0.00	0.43		10.44	10.44	2289.	-76.	0.08	0.24	
8171		50		19.43	19.43	3999.	20.	0.07	0.28		10.44	10.44	2201.	-27.	0.07	0.31	
8172		50		19.43	19.43	1349.	195.	0.00	0.32		10.44	10.44	1773.	60.	0.00	0.38	
8173		50		19.43	19.43	1119.	-62.	0.03	0.08		10.44	10.44	1069.	50.	0.00	0.24	
8174		50		19.43	19.43	3920.	114.	0.03	0.39		10.44	10.44	1731.	48.	0.00	0.31	
8175		50		19.43	19.43	4967.	154.	0.00	0.50		10.44	10.44	2037.	48.	0.07	0.34	
8176		50		19.43	19.43	5154.	79.	0.04	0.45		10.44	10.44	2426.	-46.	0.08	0.26	
8177		50		19.43	19.43	4134.	41.	0.07	0.31		10.44	10.44	1886.	-6.	0.06	0.26	
8178		50		19.43	19.43	1050.	211.	0.00	0.33		10.44	10.44	1225.	62.	0.00	0.33	
8179		50		19.43	19.43	451.	-18.	0.01	0.03		10.44	10.44	686.	72.	0.00	0.24	
8180		50		19.43	19.43	3597.	6.	0.08	0.24		10.44	10.44	1056.	11.	0.01	0.15	
8181		50		19.43	19.43	5135.	91.	0.07	0.44		10.44	10.44	1598.	39.	0.04	0.27	
8182		50		19.43	19.43	5254.	59.	0.08	0.41		10.44	10.44	1857.	-37.	0.06	0.22	
8183		50		19.43	19.43	4185.	157.	0.00	0.46		10.44	10.44	1712.	-14.	0.05	0.22	
8184		50		19.43	19.43	1710.	190.	0.00	0.34		10.44	10.44	1012.	53.	0.00	0.26	
8185		50		19.43	19.43	746.	29.	0.00	0.09		10.44	10.44	790.	61.	0.00	0.23	
8186		50		19.43	19.43	4086.	-16.	0.10	0.25		10.44	10.44	826.	56.	0.00	0.22	
8187		50		19.43	19.43	5216.	13.	0.11	0.37		10.44	10.44	1092.	39.	0.00	0.21	
8188		50		19.43	19.43	5200.	35.	0.09	0.37		10.44	10.44	1171.	-23.	0.04	0.14	
8189		50		19.43	19.43	4322.	154.	0.00	0.46		10.44	10.44	866.	44.	0.03	0.20	
8190		50		19.43	19.43	2874.	157.	0.00	0.37		10.44	10.44	488.	110.	0.00	0.31	
8191		50		19.43	19.43	1727.	60.	0.00	0.18		10.44	10.44	590.	74.	0.00	0.24	
8192		50		19.43	19.43	4205.	3.	0.09	0.27		10.44	10.44	779.	60.	0.00	0.24	
8193		50		19.43	19.43	5231.	14.	0.11	0.36		10.44	10.44	927.	43.	0.00	0.20	
8194		50		19.43	19.43	4782.	52.	0.06	0.38		10.44	10.44	705.	15.	0.02	0.11	
8195		50		19.43	19.43	4438.	131.	0.00	0.44		10.44	10.44	384.	50.	0.01	0.17	
8196		50		19.43	19.43	3568.	122.	0.00	0.38		10.44	10.44	99.	122.	0.00	0.29	
8197		50		19.43	19.43	2707.	55.	0.01	0.24		10.44	10.44	593.	66.	0.00	0.23	
8198		50		19.43	19.43	4045.	-4.	0.09	0.26		10.44	10.44	634.	62.	0.00	0.21	
8199		50		19.43	19.43	4728.	54.	0.05	0.36		10.44	10.44	679.	21.	0.01	0.12	
8200		50		19.43	19.43	4034.	83.	0.01	0.36		10.44	10.44	234.	-10.	0.01	0.03	
8201		50		19.43	19.43	4385.	106.	0.00	0.41		10.44	10.44	0.	77.	0.00	0.18	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8154		19.43	19.43		1999	-430	11.76	-72.		1350	-93	0.001		1186	15	3.98	0.017	
8155		19.43	19.43		2185	-157	7.66	18.		1776	-23	0.014		1490	19	5.01	0.021	
8156		19.43	19.43		258	-299	5.88	-75.		513	-71	0.000		533	10	1.72	0.009	
8157		19.43	19.43		0.	-346	6.20	-93.		0.	-56	0.000		0.	4	0.00	0.002	
8158		19.43	19.43		0.	-396	7.09	-106.		0.	-53	0.000		0.	2	0.00	0.001	
8159		19.43	19.43		81	-437	7.99	-116.		0.	-106	0.000		0.	5	0.00	0.002	
8160		19.43	19.43		1959	-325	9.81	-44.		1083	-70	0.001		968	9	3.31	0.013	
8161		19.43	19.43		2315	-75	8.32	137.		2050	-5	0.020		1830	9	6.38	0.022	
8162		19.43	19.43		0.	-173	3.10	-47.		0.	-65	0.000		0.	5	0.00	0.002	
8163		19.43	19.43		0.	-189	3.39	-51.		0.	-52	0.000		0.	1	0.00	0.000	
8164		19.43	19.43		0.	-203	3.64	-55.		0.	-51	0.000		0.	-1	0.01	0.000	
8165		19.43	19.43		0.	-198	3.55	-53.		0.	-76	0.000		0.	1	0.00	0.000	
8166		19.43	19.43		1919	-74	6.82	91.		727	-59	0.000		647	2	2.27	0.007	
8167		19.43	19.43		2029	4	7.14	283.		2010	-11	0.019		1989	-12	7.14	0.018	
8168		19.43	19.43		0.	-5	0.09	-1.		0.	-1	0.000		0.	-1	0.02	0.000	
8169		19.43	19.43		0.	-46	0.82	-12.		0.	-6	0.000		0.	-6	0.11	0.000	
8170		19.43	19.43		0.	-31	0.56	-8.		0.	-12	0.000		0.	-12	0.22	0.000	
8171		19.43	19.43		0.	-47	0.84	-13.		0.	-3	0.000		0.	-3	0.05	0.000	
8172		19.43	19.43		1669	103	2.57	499.		0.	-4	0.000		0.	-5	0.09	0.000	
8173		19.43	19.43		1776	21	6.00	292.		1878	-18	0.016		1878	-18	6.78	0.016	
8174		19.43	19.43		0.	-2	0.03	-1.		0.	-19	0.000		0.	-19	0.34	0.000	
8175		19.43	19.43		0.	0.	0.01	0.		0.	-24	0.000		0.	-24	0.43	0.000	
8176		19.43	19.43		0.	-6	0.10	-1.		0.	-28	0.000		0.	-28	0.50	0.000	
8177		19.43	19.43		0.	18	0.00	45.		0.	-19	0.000		0.	-19	0.34	0.000	
8178		19.43	19.43		1390	131	0.00	535.		0.	-14	0.000		0.	-15	0.26	0.000	
8179		19.43	19.43		1471	28	4.76	270.		2118	-12	0.020		2119	-12	7.60	0.020	
8180		19.43	19.43		0.	11	0.00	29.		0.	-26	0.000		0.	-26	0.47	0.000	
8181		19.43	19.43		0.	3	0.00	7.		0.	-34	0.000		0.	-34	0.61	0.000	
8182		19.43	19.43		0.	9	0.00	23.		0.	-36	0.000		0.	-36	0.64	0.000	
8183		19.43	19.43		0.	27	0.00	70.		0.	-25	0.000		0.	-25	0.45	0.000	
8184		19.43	19.43		1436	118	0.00	508.		0.	-3	0.000		0.	-13	0.23	0.000	
8185		19.43	19.43		1565	40	4.80	316.		2383	-26	0.020		2384	-26	8.62	0.020	
8186		19.43	19.43		0.	24	0.00	61.		0.	-15	0.000		0.	-22	0.39	0.000	
8187		19.43	19.43		0.	16	0.00	41.		0.	-30	0.000		0.	-34	0.61	0.000	
8188		19.43	19.43		0.	23	0.00	59.		0.	-34	0.000		0.	-34	0.61	0.000	
8189		19.43	19.43		0.	30	0.00	76.		0.	-21	0.000		0.	-21	0.38	0.000	
8190		19.43	19.43		1716	96	3.21	488.		458	-9	0.003		101	-3	0.37	0.001	
8191		19.43	19.43		1469	37	4.53	295.		2322	-14	0.021		2322	-14	8.34	0.021	
8192		19.43	19.43		0.	34	0.00	88.		0.	0.	0.000		0.	-10	0.19	0.000	
8193		19.43	19.43		0.	28	0.00	73.		0.	-18	0.000		0.	-26	0.47	0.000	
8194		19.43	19.43		0.	34	0.00	88.		0.	-18	0.000		0.	-26	0.46	0.000	
8195		19.43	19.43		0.	31	0.00	79.		0.	-11	0.000		0.	-11	0.19	0.000	
8196		19.43	19.43		1954	71	5.38	449.		1035	17	0.016		491	-14	1.77	0.003	
8197		19.43	19.43		1054	24	3.33	203.		2076	1	0.022		2075	1	7.34	0.022	
8198		19.43	19.43		0.	37	0.00	95.		0.	3	0.001		0.	-14	0.26	0.000	
8199		19.43	19.43		0.	35	0.00	91.		0.	-4	0.000		0.	-14	0.26	0.000	
8200		19.43	19.43		0.	37	0.00	96.		0.	-4	0.000		0.	-13	0.23	0.000	
8201		19.43	19.43		0.	29	0.00	75.		0.	-13	0.000		0.	-13	0.24	0.000	
8202		19.43	19.43		2107	41	6.80	390.		1421	29	0.024		737	-1	2.61	0.008	
8203		19.43	19.43		568	12	1.82	107.		1678	17	0.023		1677	17	5.71	0.023	
8204		19.43	19.43		0.	32	0.00	81.		0.	13	0.005		0.	2	0.00	0.001	
8205		19.43	19.43		0.	32	0.00	81.		0.	6	0.002		0.	-4	0.07	0.000	
8206		19.43	19.43		0.	33	0.00	85.		0.	4	0.002		0.	-4	0.06	0.000	
8207		19.43	19.43		0.	23	0.00	58.		0.	3	0.001		0.	3	0.00	0.001	
8208		19.43	19.43		2029	9	7.08	294.		1413	17	0.020		798	14	2.60	0.013	
8209		19.43	19.43		173	27	0.00	94.		1141	35	0.023		1140	35	3.34	0.023	
8210		19.43	19.43		0.	18	0.00	45.		0.	11	0.004		0.	21	0.00	0.008	
8211		19.43	19.43		0.	10	0.00	25.		0.	10	0.004		0.	15	0.00	0.006	
8212		19.43	19.43		0.	16	0.00	41.		0.	22	0.009		0.	16	0.00	0.006	
8213		19.43	19.43		0.	2	0.00	6.		0.	21	0.008		0.	21	0.00	0.008	
8214		19.43	19.43		1575	-8	5.65	191.		1112	6	0.013		650	30	1.54	0.017	
8215		19.43	19.43		4374	-390	15.87	-9.		2931	-41	0.023		1373	23	4.51	0.022	
8216		19.43	19.43		4843	-306	16.81	72.		3371	-30	0.029		1817	15	6.25	0.023	
8217		19.43	19.43		5778	7	20.38	792.		4081	-4	0.042		2379	6	8.36	0.027	
8218		19.43	19.43		5807	99	19.04	1036.		4298	39	0.057		2787	-5	9.91	0.028	
8219		19.43	19.43		5633	111	18.15	1045.		4219	50	0.059		2787	-12	9.97	0.027	
8220		19.43	19.43		5466	108	17.61	1014.		4280	57	0.062		3093	-19	11.11	0.028	
8221		19.43	19.43		5381	88	17.71	951.		4362	55	0.062		3341	-10	11.92	0.033	
8222		19.43	19.43		5160	53	17.56	828.		4236	42	0.057		3311	4	11.68	0.036	
8223		19.43	19.43		4773	10	16.80	664.		3921	21	0.047		3069	17	10.67	0.037	
8224		19.43	19.43		4029	-15	14.40	502.		3298	0.	0.034		2567	28	8.71	0.035	
8225		19.43	19.43		2815	13	9.81	411.		2300	-12	0.022		1785	30	5.86	0.028	
8226		19.43	19.43		0.	19	0.00	49.		598	26	0.013		597	26	6.03	0.013	
8227		19.43	19.43		0.	-3	0.08	-1.		0.	4	0.001		0.	25	0.00	0.005	
8228		19.43	19.43		0.	-10	0.27	-4.		0.	4	0.001		0.	22	0.00	0.005	
8229		19.43	19.43		0.	1	0.00	1.		0.	23	0.005		0.	23	0.00	0.005	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8230		19.43	19.43		66	-13	0.74	-2.1		0.	25	0.005		0.	25	0.00	0.005	
8231		19.43	19.43		986	-7	10.33	239.		704	-3	0.008		422	23	4.19	0.010	
8232		19.43	19.43		0.	14	0.00	35.		254	27	0.009		253	27	2.20	0.009	
8233		19.43	19.43		0.	-13	0.37	-6.		0.	3	0.001		26	33	0.00	0.007	
8234		19.43	19.43		0.	-22	0.61	-9.		0.	3	0.001		0.	31	0.00	0.007	
8235		19.43	19.43		0.	-2	0.05	-1.		0.	31	0.007		0.	31	0.00	0.007	
8236		19.43	19.43		138	-27	1.53	-5.		0.	32	0.007		0.	32	0.00	0.007	
8237		19.43	19.43		465	-13	4.85	87.		340	-4	0.003		216	25	1.78	0.008	
8238		19.43	19.43		1491	17	15.54	437.		1225	-2	0.014		958	17	9.95	0.015	
8239		19.43	19.43		583	16	6.00	196.		497	1	0.006		411	17	4.15	0.009	

ARMATURA INFERIORE VERTICALE

				COMBINAZIONE RARA				COMB. FREQUENTE				COMB. QUASI PERMANENTE						
GUSCI	Af	Afc	Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
8149		10.44	10.44		5732	-50	27.32	1151.		5299	-85	0.091		5115	-133	23.40	0.065	
8150		10.44	10.44		6204	-136	28.80	874.		6033	-131	0.088		5900	-164	26.78	0.071	
8151		10.44	10.44		6603	-171	30.21	820.		6876	-187	0.084		6774	-214	30.20	0.071	
8152		10.44	10.44		6581	-284	27.49	407.		6787	-217	0.070		6791	-220	30.16	0.069	
8153		10.44	10.44		6141	-117	28.76	943.		6174	-141	0.087		6100	-186	27.34	0.066	
8154		10.44	10.44		5409	-112	25.21	792.		5375	-90	0.091		5288	-149	23.96	0.062	
8155		10.44	10.44		3455	-93	15.74	414.		2624	-130	0.012		1801	-161	7.10	0.000	
8156		10.44	10.44		2829	-174	10.89	64.		2181	-179	0.001		1543	-179	6.74	0.000	
8157		10.44	10.44		1648	-318	9.60	-51.		1169	-263	0.000		927	-205	5.89	0.000	
8158		10.44	10.44		1743	-345	10.30	-56.		1058	-275	0.000		404	-206	4.77	0.000	
8159		10.44	10.44		3094	-252	11.95	14.		2234	-214	0.000		1392	-175	6.34	0.000	
8160		10.44	10.44		3759	-141	16.22	299.		2756	-145	0.011		1769	-149	6.87	0.001	
8161		10.44	10.44		494	-134	3.61	-26.		212	-138	0.000		158	-177	3.68	0.000	
8162		10.44	10.44		0.	-199	3.74	-56.		0.	-155	0.000		0.	-182	3.43	0.000	
8163		10.44	10.44		0.	-292	5.50	-82.		0.	-188	0.000		0.	-188	3.54	0.000	
8164		10.44	10.44		0.	-260	4.90	-74.		0.	-189	0.000		0.	-189	3.55	0.000	
8165		10.44	10.44		14	-126	2.40	-35.		0.	-130	0.000		0.	-171	3.22	0.000	
8166		10.44	10.44		933	-14	4.41	159.		101	-82	0.000		0.	-160	3.01	0.000	
8167		10.44	10.44		0.	-118	2.22	-33.		0.	-189	0.000		0.	-189	3.56	0.000	
8168		10.44	10.44		0.	-166	3.13	-47.		0.	-184	0.000		0.	-183	3.45	0.000	
8169		10.44	10.44		0.	-237	4.46	-67.		0.	-174	0.000		0.	-173	3.26	0.000	
8170		10.44	10.44		0.	-206	3.87	-58.		0.	-172	0.000		0.	-172	3.23	0.000	
8171		10.44	10.44		0.	-85	1.60	-24.		0.	-125	0.000		0.	-167	3.15	0.000	
8172		10.44	10.44		0.	1	0.00	6.		0.	-95	0.000		0.	-169	3.18	0.000	
8173		10.44	10.44		0.	-121	2.28	-34.		0.	-186	0.000		0.	-186	3.50	0.000	
8174		10.44	10.44		0.	-149	2.81	-42.		0.	-176	0.000		0.	-175	3.30	0.000	
8175		10.44	10.44		0.	-185	3.48	-52.		0.	-160	0.000		0.	-159	3.00	0.000	
8176		10.44	10.44		0.	-153	2.87	-43.		0.	-155	0.000		0.	-155	2.92	0.000	
8177		10.44	10.44		0.	-58	1.09	-16.		0.	-118	0.000		0.	-156	2.93	0.000	
8178		10.44	10.44		0.	6	0.00	27.		0.	-98	0.000		0.	-162	3.05	0.000	
8179		10.44	10.44		0.	-77	1.44	-22.		0.	-167	0.000		0.	-167	3.14	0.000	
8180		10.44	10.44		0.	-103	1.93	-29.		0.	-158	0.000		0.	-157	2.96	0.000	
8181		10.44	10.44		0.	-135	2.55	-38.		0.	-144	0.000		0.	-143	2.70	0.000	
8182		10.44	10.44		0.	-109	2.06	-31.		0.	-137	0.000		0.	-137	2.58	0.000	
8183		10.44	10.44		0.	-32	0.60	-9.		0.	-101	0.000		0.	-134	2.53	0.000	
8184		10.44	10.44		0.	21	0.00	98.		0.	-81	0.000		0.	-137	2.59	0.000	
8185		10.44	10.44		284	-34	1.25	-3.		227	-120	0.000		199	-137	3.02	0.000	
8186		10.44	10.44		0.	-61	1.15	-17.		0.	-120	0.000		0.	-132	2.48	0.000	
8187		10.44	10.44		0.	-93	1.76	-26.		0.	-117	0.000		0.	-124	2.34	0.000	
8188		10.44	10.44		0.	-75	1.42	-21.		0.	-117	0.000		0.	-117	2.20	0.000	
8189		10.44	10.44		0.	-8	0.15	-2.		0.	-77	0.000		0.	-106	2.00	0.000	
8190		10.44	10.44		542	41	0.32	338.		0.	-53	0.000		0.	-102	1.93	0.000	
8191		10.44	10.44		778	-2	3.71	178.		709	-77	0.000		629	-102	3.30	0.000	
8192		10.44	10.44		412	-29	1.57	5.		71	-84	0.000		33	-102	1.98	0.000	
8193		10.44	10.44		102	-54	1.24	-13.		0.	-88	0.000		0.	-101	1.91	0.000	
8194		10.44	10.44		12	-44	0.84	-12.		0.	-94	0.000		0.	-94	1.76	0.000	
8195		10.44	10.44		451	9	2.02	152.		0.	-53	0.000		0.	-77	1.45	0.000	
8196		10.44	10.44		1142	53	3.90	545.		658	-25	0.005		380	-67	2.09	0.000	
8197		10.44	10.44		964	8	4.51	275.		999	-43	0.006		860	-67	3.30	0.001	
8198		10.44	10.44		675	-12	3.18	109.		442	-52	0.000		389	-70	2.17	0.000	
8199		10.44	10.44		488	-14	2.21	56.		94	-61	0.000		0.	-75	1.42	0.000	
8200		10.44	10.44		487	-10	2.27	73.		0.	-60	0.000		0.	-69	1.30	0.000	
8201		10.44	10.44		1081	28	4.64	404.		329	-32	0.000		204	-50	1.38	0.000	
8202		10.44	10.44		1566	60	5.98	685.		998	-8	0.021		834	-38	3.44	0.005	
8203		10.44	10.44		859	17	3.83	295.		981	-23	0.013		901	-36	3.85	0.007	
8204		10.44	10.44		637	8	2.94	195.		581	-30	0.002		557	-41	2.12	0.001	
8205		10.44	10.44		468	-1	2.23	108.		311	-36	0.000		214	-49	1.39	0.000	
8206		10.44	10.44		490	-6	2.33	92.		244	-32	0.000		166	-44	1.20	0.000	
8207		10.44	10.44		1115	15	5.13	346.		571	-13	0.008		412	-27	1.58	0.001	
8208		10.44	10.44		1411	34	6.16	510.		1032	0.	0.026		904	-17	4.24	0.014	
8209		10.44	10.44		476	39	0.00	313.		743	-9	0.014		721	-10	3.41	0.013	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8210		10.44	10.44		368	25	0.54	219.		411	-15	0.004		469	-16	2.06	0.004	
8211		10.44	10.44		273	6	1.21	95.		208	-18	0.000		191	-25	0.89	0.000	
8212		10.44	10.44		312	-1	1.49	73.		184	-15	0.000		152	-23	0.76	0.000	
8213		10.44	10.44		807	8	3.76	236.		500	-6	0.010		347	-10	1.58	0.004	
8214		10.44	10.44		1029	27	4.41	386.		813	1	0.021		706	-2	3.37	0.016	
8215		10.44	10.44		4710	-37	22.47	965.		4595	-36	0.097		4482	-117	20.48	0.057	
8216		10.44	10.44		4177	-55	19.81	754.		3054	-92	0.034		1944	-128	7.43	0.003	
8217		10.44	10.44		1446	74	4.53	725.		698	-45	0.001		402	-152	3.73	0.000	
8218		10.44	10.44		230	70	0.00	395.		0.	-71	0.000		0.	-172	3.24	0.000	
8219		10.44	10.44		0.	56	0.00	267.		0.	-81	0.000		0.	-169	3.18	0.000	
8220		10.44	10.44		192	62	0.00	346.		0.	-64	0.000		0.	-142	2.66	0.000	
8221		10.44	10.44		908	79	0.00	618.		442	-33	0.000		241	-101	2.44	0.000	
8222		10.44	10.44		1488	88	3.79	807.		1010	-4	0.023		785	-62	3.02	0.001	
8223		10.44	10.44		1817	84	6.21	868.		1289	11	0.040		1065	-31	4.80	0.012	
8224		10.44	10.44		1646	50	6.82	653.		1239	12	0.040		1065	-11	5.07	0.021	
8225		10.44	10.44		1195	47	4.50	530.		962	6	0.029		816	2	3.87	0.022	
8226		10.44	10.44		126	34	0.00	239.		219	2	0.007		230	5	3.18	0.009	
8227		10.44	10.44		105	15	1.07	132.		136	-5	0.002		183	-2	2.48	0.004	
8228		10.44	10.44		77	0.	1.05	34.		65	-10	0.000		66	-10	0.70	0.000	
8229		10.44	10.44		84	-3	1.10	26.		51	-8	0.000		51	-8	0.56	0.000	
8230		10.44	10.44		220	0.	3.01	101.		141	-2	0.003		112	-1	1.53	0.003	
8231		10.44	10.44		320	29	4.08	303.		260	1	0.007		224	5	3.09	0.009	
8232		10.44	10.44		0.	9	0.00	41.		153	6	0.008		164	6	2.26	0.008	
8233		10.44	10.44		21	2	0.27	20.		104	1	0.003		133	1	1.83	0.004	
8234		10.44	10.44		33	-1	0.44	12.		37	-3	0.000		44	-2	0.55	0.001	
8235		10.44	10.44		40	-1	0.52	12.		33	-2	0.000		33	-2	0.41	0.000	
8236		10.44	10.44		114	-1	1.56	50.		105	-1	0.003		87	1	1.21	0.003	
8237		10.44	10.44		110	5	1.51	77.		141	1	0.004		153	4	2.11	0.007	
8238		10.44	10.44		352	42	4.09	391.		301	5	0.011		251	8	3.46	0.011	
8239		10.44	10.44		96	11	1.16	101.		150	1	0.005		170	6	2.34	0.008	

ARMATURA SUPERIORE ORIZZONTALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE								
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
8149		19.43	19.43		0.	-199	3.56	-53.		395	-5	0.003		1703	28	5.60	0.026	
8150		19.43	19.43		897	-391	5.18	-125.		1029	-94	0.000		996	15	3.30	0.015	
8151		19.43	19.43		542	-465	7.22	-137.		388	-76	0.000		357	6	1.18	0.006	
8152		19.43	19.43		610	-552	8.64	-162.		320	-78	0.000		269	3	0.91	0.004	
8153		19.43	19.43		1005	-592	8.56	-181.		795	-154	0.000		593	7	1.99	0.008	
8154		19.43	19.43		198	-430	7.30	-120.		1244	-93	0.001		1456	15	4.95	0.020	
8155		19.43	19.43		0.	-157	2.82	-42.		768	-23	0.004		1403	19	4.69	0.021	
8156		19.43	19.43		1637	-299	2.03	-116.		2175	-71	0.010		2090	10	7.28	0.025	
8157		19.43	19.43		1386	-346	3.39	-123.		1410	-56	0.005		1410	4	4.95	0.016	
8158		19.43	19.43		1439	-396	4.17	-138.		1229	-53	0.004		1190	2	4.19	0.013	
8159		19.43	19.43		1721	-437	4.33	-155.		1953	-106	0.004		1762	5	6.19	0.020	
8160		19.43	19.43		3	-325	5.82	-87.		1821	-70	0.007		1795	9	6.25	0.021	
8161		19.43	19.43		0.	-75	1.34	-20.		451	-5	0.004		960	9	3.28	0.013	
8162		19.43	19.43		2667	-173	9.27	36.		2966	-65	0.019		2908	5	10.25	0.032	
8163		19.43	19.43		2892	-189	10.05	37.		3029	-52	0.022		3017	1	10.67	0.032	
8164		19.43	19.43		2918	-203	10.19	29.		2728	-51	0.019		2667	-1	9.45	0.028	
8165		19.43	19.43		2832	-198	9.90	27.		3145	-76	0.019		3019	1	10.68	0.032	
8166		19.43	19.43		0.	-74	1.32	-20.		2137	-59	0.011		2131	2	7.53	0.023	
8167		19.43	19.43		0.	4	0.00	11.		0.	-11	0.000		0.	-12	0.22	0.000	
8168		19.43	19.43		2763	-5	9.83	357.		3055	-1	0.032		3054	-1	10.83	0.032	
8169		19.43	19.43		3716	-46	13.46	384.		3928	-6	0.040		3929	-6	13.97	0.040	
8170		19.43	19.43		3711	-31	13.38	419.		3775	-12	0.037		3777	-12	13.48	0.037	
8171		19.43	19.43		2956	-47	10.73	281.		3601	-3	0.037		3602	-3	12.78	0.037	
8172		19.43	19.43		0.	103	0.00	264.		1808	-4	0.018		1807	-5	6.44	0.018	
8173		19.43	19.43		0.	21	0.00	54.		0.	-18	0.000		0.	-18	0.32	0.000	
8174		19.43	19.43		2554	-2	9.06	337.		2602	-19	0.023		2601	-19	9.36	0.023	
8175		19.43	19.43		3963	0.	14.04	530.		4144	-24	0.039		4145	-24	14.88	0.038	
8176		19.43	19.43		3982	-6	14.15	519.		4259	-28	0.039		4261	-28	15.32	0.039	
8177		19.43	19.43		2791	18	9.67	419.		3541	-19	0.033		3542	-19	12.70	0.033	
8178		19.43	19.43		0.	131	0.00	337.		1111	-14	0.009		1111	-15	4.03	0.009	
8179		19.43	19.43		0.	28	0.00	72.		0.	-12	0.000		0.	-12	0.22	0.000	
8180		19.43	19.43		2298	11	8.01	336.		2154	-26	0.017		2155	-26	7.80	0.017	
8181		19.43	19.43		3858	3	13.63	523.		3926	-34	0.034		3927	-34	14.16	0.034	
8182		19.43	19.43		3935	9	13.83	550.		4288	-36	0.038		4288	-36	15.46	0.038	
8183		19.43	19.43		2618	27	8.91	421.		3307	-25	0.030		3307	-25	11.91	0.030	
8184		19.43	19.43		0.	118	0.00	303.		587	-3	0.006		787	-13	2.86	0.006	
8185		19.43	19.43		0.	40	0.00	104.		0.	-26	0.000		0.	-26	0.46	0.000	
8186		19.43	19.43		2507	24	8.57	396.		2316	-15	0.021		2257	-22	8.15	0.019	
8187		19.43	19.43		3754	16	13.11	544.		3821	-30	0.034		3821	-34	13.79	0.033	
8188		19.43	19.43		3670	23	12.72	550.		4021	-34	0.035		4021	-34	14.50	0.035	
8189		19.43	19.43		2582	30	8.74	422.		3253	-21	0.030		3253	-21	11.69	0.030	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8190		19.43	19.43		0.	96	0.00	247.		505	-9	0.004		925	-3	3.30	0.009
8191		19.43	19.43		0.	37	0.00	96.		0.	-14	0.000		0.	-14	0.25	0.000
8192		19.43	19.43		2567	34	8.60	432.		2302	0.	0.024		2153	-10	7.71	0.020
8193		19.43	19.43		3439	28	11.82	534.		3464	-18	0.033		3453	-26	12.43	0.031
8194		19.43	19.43		3198	34	10.86	517.		3497	-18	0.033		3533	-26	12.71	0.032
8195		19.43	19.43		2345	31	7.87	393.		2952	-11	0.029		2951	-11	10.55	0.029
8196		19.43	19.43		0.	71	0.00	182.		318	17	0.009		922	-14	3.35	0.007
8197		19.43	19.43		133	24	0.00	80.		0.	1	0.000		0.	1	0.00	0.000
8198		19.43	19.43		2491	37	8.28	430.		2162	3	0.023		1910	-14	6.88	0.017
8199		19.43	19.43		2957	35	9.98	487.		2976	-4	0.030		2946	-14	10.56	0.028
8200		19.43	19.43		2580	37	8.59	442.		2913	-4	0.030		2957	-13	10.58	0.028
8201		19.43	19.43		1987	29	6.61	341.		2519	-13	0.024		2518	-13	9.03	0.024
8202		19.43	19.43		0.	41	0.00	106.		100	29	0.012		816	-1	2.90	0.008
8203		19.43	19.43		602	12	1.94	111.		0.	17	0.007		0.	17	0.00	0.007
8204		19.43	19.43		2171	32	7.23	373.		1849	13	0.023		1525	2	5.38	0.016
8205		19.43	19.43		2299	32	7.69	390.		2347	6	0.026		2303	-4	8.19	0.023
8206		19.43	19.43		1939	33	6.36	346.		2197	4	0.024		2263	-4	8.05	0.023
8207		19.43	19.43		1506	23	5.00	260.		1952	3	0.021		1952	3	6.88	0.021
8208		19.43	19.43		0.	9	0.00	23.		35	17	0.007		618	14	1.94	0.011
8209		19.43	19.43		711	27	1.92	166.		0.	35	0.013		0.	35	0.00	0.013
8210		19.43	19.43		1550	18	5.25	253.		1283	11	0.017		1015	21	3.26	0.017
8211		19.43	19.43		1531	10	5.30	230.		1536	10	0.019		1517	15	5.17	0.020
8212		19.43	19.43		1259	16	4.24	210.		1410	22	0.022		1453	16	4.94	0.020
8213		19.43	19.43		928	2	3.26	131.		1269	21	0.020		1269	21	4.18	0.020
8214		19.43	19.43		0.	-8	0.14	-2.		0.	6	0.002		382	30	0.00	0.014
8215		19.43	19.43		0.	-390	6.99	-105.		0.	-41	0.000		1183	23	3.81	0.020
8216		19.43	19.43		0.	-306	5.48	-82.		0.	-30	0.000		629	15	1.97	0.011
8217		19.43	19.43		0.	7	0.00	18.		0.	-4	0.000		0.	6	0.00	0.002
8218		19.43	19.43		0.	99	0.00	255.		0.	39	0.015		0.	-5	0.09	0.000
8219		19.43	19.43		0.	111	0.00	286.		0.	50	0.019		0.	-12	0.21	0.000
8220		19.43	19.43		0.	108	0.00	277.		0.	57	0.022		0.	-19	0.35	0.000
8221		19.43	19.43		0.	88	0.00	228.		0.	55	0.021		0.	-10	0.17	0.000
8222		19.43	19.43		0.	53	0.00	137.		0.	42	0.016		0.	4	0.00	0.001
8223		19.43	19.43		0.	10	0.00	25.		0.	21	0.008		0.	17	0.00	0.006
8224		19.43	19.43		0.	-15	0.26	-4.		0.	0.	0.000		0.	28	0.00	0.011
8225		19.43	19.43		0.	13	0.00	34.		0.	-12	0.000		0.	30	0.00	0.011
8226		19.43	19.43		651	19	6.69	223.		0.	26	0.006		0.	26	0.00	0.006
8227		19.43	19.43		860	-3	9.01	218.		681	4	0.009		501	25	5.00	0.012
8228		19.43	19.43		793	-10	8.30	181.		781	4	0.010		752	22	7.73	0.014
8229		19.43	19.43		605	1	6.33	160.		709	23	0.013		709	23	7.27	0.013
8230		19.43	19.43		362	-13	3.76	61.		602	25	0.013		602	25	6.09	0.013
8231		19.43	19.43		0.	-7	0.20	-3.		0.	-3	0.000		141	23	0.89	0.007
8232		19.43	19.43		333	14	3.37	125.		0.	27	0.006		1	27	0.00	0.006
8233		19.43	19.43		353	-13	3.66	58.		271	3	0.004		189	33	1.07	0.010
8234		19.43	19.43		295	-22	2.96	24.		288	3	0.004		282	31	2.41	0.010
8235		19.43	19.43		203	-2	2.12	48.		257	31	0.010		258	31	2.10	0.010
8236		19.43	19.43		51	-27	0.45	-13.		213	32	0.010		213	32	1.48	0.010
8237		19.43	19.43		0.	-13	0.36	-5.		0.	-4	0.000		36	25	0.00	0.006
8238		19.43	19.43		0.	17	0.00	44.		0.	-2	0.000		0.	17	0.00	0.004
8239		19.43	19.43		0.	16	0.00	41.		0.	1	0.000		0.	17	0.00	0.004

ARMATURA SUPERIORE VERTICALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE							
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP				
8149		10.44	10.44		0.	-50	0.95	-14.		0.	-85	0.000		0.	-133	2.49	0.000
8150		10.44	10.44		0.	-136	2.57	-39.		0.	-131	0.000		0.	-164	3.09	0.000
8151		10.44	10.44		0.	-171	3.22	-48.		0.	-187	0.000		0.	-214	4.03	0.000
8152		10.44	10.44		0.	-284	5.35	-80.		0.	-217	0.000		0.	-220	4.14	0.000
8153		10.44	10.44		0.	-117	2.21	-33.		0.	-141	0.000		0.	-186	3.50	0.000
8154		10.44	10.44		0.	-112	2.11	-32.		0.	-90	0.000		0.	-149	2.81	0.000
8155		10.44	10.44		0.	-93	1.76	-26.		347	-130	0.000		1835	-161	7.20	0.000
8156		10.44	10.44		0.	-174	3.28	-49.		64	-179	0.000		1292	-179	0.54	0.000
8157		10.44	10.44		0.	-318	5.99	-90.		0.	-263	0.000		483	-205	2.81	0.000
8158		10.44	10.44		0.	-345	6.49	-97.		0.	-275	0.000		0.	-206	3.88	0.000
8159		10.44	10.44		0.	-252	4.75	-71.		0.	-214	0.000		851	-175	1.44	0.000
8160		10.44	10.44		0.	-141	2.66	-40.		61	-145	0.000		1417	-149	0.30	0.000
8161		10.44	10.44		1540	-134	6.03	2.		2635	-138	0.010		2766	-177	10.59	0.006
8162		10.44	10.44		1598	-199	0.24	-94.		2696	-155	0.008		2789	-182	10.66	0.005
8163		10.44	10.44		1555	-292	2.10	-119.		2709	-188	0.004		2711	-188	10.34	0.004
8164		10.44	10.44		1435	-260	1.76	-107.		2286	-189	0.001		2289	-189	8.86	0.001
8165		10.44	10.44		1144	-126	0.13	-63.		2292	-130	0.007		2640	-171	10.10	0.005
8166		10.44	10.44		763	-14	3.58	119.		2100	-82	0.016		2650	-160	10.23	0.007
8167		10.44	10.44		1736	-118	6.62	27.		2225	-189	0.001		2225	-189	8.67	0.001
8168		10.44	10.44		1935	-166	7.55	4.		2552	-184	0.003		2553	-183	9.74	0.003
8169		10.44	10.44		2091	-237	0.12	-116.		2891	-174	0.007		2893	-173	11.18	0.007

8170		10.44	10.44		1938	-206	0.37	-104.		2706	-172	0.006		2708	-172	10.38	0.006	
8171		10.44	10.44		1566	-85	6.17	54.		2464	-125	0.011		2655	-167	10.19	0.006	
8172		10.44	10.44		1155	1	5.49	286.		2104	-95	0.012		2393	-169	9.12	0.003	
8173		10.44	10.44		1092	-121	0.10	-60.		1309	-186	0.000		1310	-186	0.63	0.000	
8174		10.44	10.44		1394	-149	0.24	-75.		1748	-176	0.000		1748	-175	0.52	0.000	
8175		10.44	10.44		1737	-185	0.32	-93.		2278	-160	0.003		2279	-159	8.69	0.003	
8176		10.44	10.44		1699	-153	6.71	0.		2351	-155	0.004		2353	-155	8.99	0.004	
8177		10.44	10.44		1261	-58	5.18	68.		1934	-118	0.005		2050	-156	7.84	0.002	
8178		10.44	10.44		839	6	3.94	232.		1501	-98	0.003		1675	-162	0.61	0.000	
8179		10.44	10.44		369	-77	0.64	-30.		921	-167	0.000		923	-167	1.12	0.000	
8180		10.44	10.44		694	-103	0.42	-45.		1246	-158	0.000		1248	-157	0.23	0.000	
8181		10.44	10.44		1069	-135	0.21	-63.		1637	-144	0.000		1639	-143	6.43	0.000	
8182		10.44	10.44		1220	-109	4.81	0.		1770	-137	0.001		1771	-137	6.79	0.001	
8183		10.44	10.44		838	-32	3.61	66.		1438	-101	0.002		1572	-134	6.13	0.000	
8184		10.44	10.44		458	21	1.60	215.		1076	-81	0.001		1294	-137	0.24	0.000	
8185		10.44	10.44		84	-34	0.45	-11.		703	-120	0.000		809	-137	0.81	0.000	
8186		10.44	10.44		328	-61	0.43	-25.		919	-120	0.000		993	-132	0.31	0.000	
8187		10.44	10.44		561	-93	0.53	-40.		1135	-117	0.000		1182	-124	0.25	0.000	
8188		10.44	10.44		633	-75	0.03	-36.		1131	-117	0.000		1132	-117	0.28	0.000	
8189		10.44	10.44		406	-8	1.90	62.		986	-77	0.001		1136	-106	0.48	0.000	
8190		10.44	10.44		130	41	0.00	229.		760	-53	0.001		1007	-102	0.27	0.000	
8191		10.44	10.44		0.	-2	0.04	-1.		468	-77	0.000		651	-102	0.50	0.000	
8192		10.44	10.44		22	-29	0.49	-9.		587	-84	0.000		715	-102	0.35	0.000	
8193		10.44	10.44		97	-54	0.80	-18.		637	-88	0.000		735	-101	0.30	0.000	
8194		10.44	10.44		100	-44	0.60	-15.		580	-94	0.000		581	-94	0.49	0.000	
8195		10.44	10.44		47	9	0.00	54.		570	-53	0.000		717	-77	0.12	0.000	
8196		10.44	10.44		0.	53	0.00	253.		452	-25	0.001		697	-67	0.26	0.000	
8197		10.44	10.44		0.	8	0.00	40.		262	-43	0.000		480	-67	0.22	0.000	
8198		10.44	10.44		0.	-12	0.22	-3.		286	-52	0.000		454	-70	0.33	0.000	
8199		10.44	10.44		0.	-14	0.26	-4.		210	-61	0.000		352	-75	0.65	0.000	
8200		10.44	10.44		0.	-10	0.18	-3.		125	-60	0.000		172	-69	0.92	0.000	
8201		10.44	10.44		0.	28	0.00	136.		271	-32	0.000		392	-50	0.08	0.000	
8202		10.44	10.44		0.	60	0.00	290.		252	-8	0.003		454	-38	1.76	0.000	
8203		10.44	10.44		80	17	0.00	104.		223	-23	0.000		328	-36	0.05	0.000	
8204		10.44	10.44		0.	8	0.00	39.		122	-30	0.000		251	-41	0.22	0.000	
8205		10.44	10.44		0.	-1	0.02	0.		0.	-36	0.000		93	-49	0.72	0.000	
8206		10.44	10.44		0.	-6	0.11	-2.		0.	-32	0.000		0.	-44	0.83	0.000	
8207		10.44	10.44		0.	15	0.00	73.		83	-13	0.000		189	-27	0.09	0.000	
8208		10.44	10.44		0.	34	0.00	160.		176	0.	0.004		301	-17	1.18	0.001	
8209		10.44	10.44		255	39	0.00	254.		302	-9	0.003		319	-10	1.41	0.003	
8210		10.44	10.44		137	25	0.00	158.		206	-15	0.000		230	-16	0.88	0.000	
8211		10.44	10.44		0.	6	0.00	27.		38	-18	0.000		62	-25	0.33	0.000	
8212		10.44	10.44		0.	-1	0.01	0.		0.	-15	0.000		0.	-23	0.43	0.000	
8213		10.44	10.44		31	8	0.00	47.		130	-6	0.001		176	-10	0.69	0.001	
8214		10.44	10.44		41	27	0.00	141.		231	1	0.006		301	-2	1.44	0.006	
8215		10.44	10.44		0.	-37	0.70	-11.		0.	-36	0.000		0.	-117	2.21	0.000	
8216		10.44	10.44		0.	-55	1.03	-15.		28	-92	0.000		1782	-128	6.80	0.002	
8217		10.44	10.44		0.	74	0.00	353.		1763	-45	0.023		2516	-152	9.71	0.006	
8218		10.44	10.44		405	70	0.00	442.		1660	-71	0.011		2057	-172	7.98	0.001	
8219		10.44	10.44		317	56	0.00	351.		980	-81	0.000		1296	-169	0.34	0.000	
8220		10.44	10.44		0.	62	0.00	295.		632	-64	0.000		1024	-142	0.42	0.000	
8221		10.44	10.44		0.	79	0.00	376.		504	-33	0.001		843	-101	0.06	0.000	
8222		10.44	10.44		0.	88	0.00	420.		284	-4	0.005		620	-62	0.20	0.000	
8223		10.44	10.44		0.	84	0.00	404.		173	11	0.013		450	-31	1.72	0.001	
8224		10.44	10.44		0.	50	0.00	242.		177	12	0.015		349	-11	1.56	0.004	
8225		10.44	10.44		0.	47	0.00	227.		190	6	0.010		368	2	1.74	0.011	
8226		10.44	10.44		78	34	0.00	211.		10	2	0.001		0.	5	0.00	0.003	
8227		10.44	10.44		44	15	0.00	101.		28	-5	0.000		15	-2	0.16	0.000	
8228		10.44	10.44		0.	0.	0.01	0.		0.	-10	0.000		0.	-10	0.30	0.000	
8229		10.44	10.44		0.	-3	0.08	-1.		0.	-8	0.000		0.	-8	0.25	0.000	
8230		10.44	10.44		0.	0.	0.00	0.		7	-2	0.000		11	-1	0.13	0.000	
8231		10.44	10.44		0.	29	0.00	139.		0.	1	0.000		8	5	0.00	0.003	
8232		10.44	10.44		94	9	1.19	90.		72	6	0.006		71	6	0.91	0.005	
8233		10.44	10.44		65	2	0.89	40.		60	1	0.002		59	1	0.82	0.002	
8234		10.44	10.44		10	-1	0.13	2.		15	-3	0.000		15	-2	0.02	0.000	
8235		10.44	10.44		0.	-1	0.04	-1.		0.	-2	0.000		0.	-2	0.05	0.000	
8236		10.44	10.44		36	-1	0.49	14.		36	-1	0.001		36	1	0.49	0.002	
8237		10.44	10.44		14	5	0.00	32.		42	1	0.002		69	4	0.93	0.004	
8238		10.44	10.44		0.	42	0.00	203.		0.	5	0.002		0.	8	0.00	0.004	
8239		10.44	10.44		18	11	0.00	61.		18	1	0.001		48	6	0.54	0.005	

1.4 PARETE P7

Si riportano di seguito gli involuppi delle sollecitazioni SLU/SLV massimi e minimi. Le unità di misura utilizzate sono [daN/cm] e [daNcm/cm]. Le sollecitazioni sono rappresentate nella convenzione tipica delle piastre. A seguire sono riportati i tabulati di verifica. Si predispone un'armatura orizzontale su entrambe le facce costituita da 1ϕ22/20 tranne che nella zona delle "architravi" dove su un'altezza di 100 cm si dispone 1ϕ22/10.

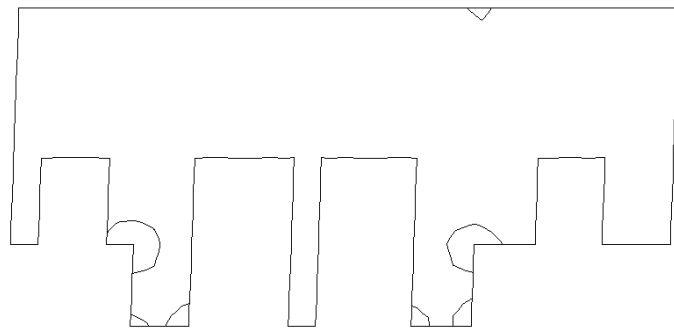
Verticalmente, su entrambe le facce, si inseriscono 1ϕ22/20 integrati da 1ϕ20/40 nella zona sottostante il filo superiore delle aperture.

A taglio si inseriscono spilli ϕ12/40x40 che garantiscono una tensione di taglio resistente di 6.16 daN/cm². Questa resistenza è sufficiente per gran parte della parete fatta eccezione per alcune zone indicate di seguito che richiedono spilli ϕ12/20x20 con una tensione resistente di 24.65 daN/cm².

L'infittimento viene predisposto nella fascia orizzontale sommitale su un'altezza di 100 cm e nei due setti adiacenti alle due aperture centrali.

θ	22	°
ctgθ	2.48	ok
A _{sw}	283	mm ²
s	400	mm
α	90	°
ctgα	6E-17	
f _{yd}	391	MPa
	264941	N
V _{Rsd}	0.62	MPa
	6.16	daN/cm ²
	1066370	N
V _{Rcd}	2.48	MPa
	24.80	daN/cm ²
V_{Rd}	0.62	MPa
	6.16	daN/cm²

D	passo
12	40
1D12 40x40	

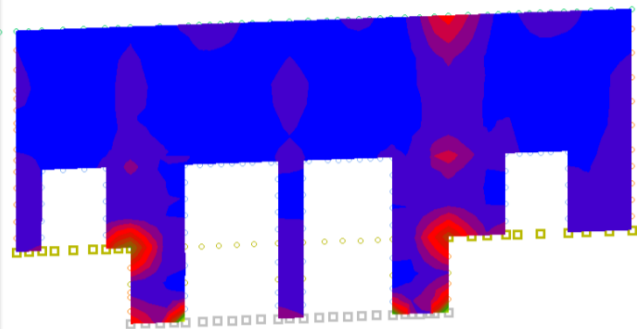
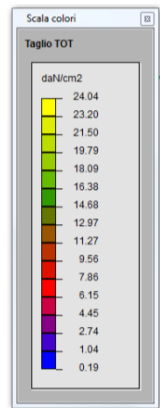


con armatura a taglio

FIGURA 18: ISOLINEE DELLE TENSIONI TANGENZIALI

θ	22	°
ctgθ	2.48	ok
A _{sw}	565	mm ²
s	200	mm
α	90	°
ctgα	6E-17	
f _{yd}	391	MPa
	1059762	N
V _{Rsd}	2.46	MPa
	24.65	daN/cm ²
	1066370	N
V _{Rcd}	2.48	MPa
	24.80	daN/cm ²
V_{Rd}	2.46	MPa
	24.65	daN/cm²

D	passo
12	20
1D12 20x20	



con armatura a taglio

FIGURA 19: TENSIONI TANGENZIALI MASSIME

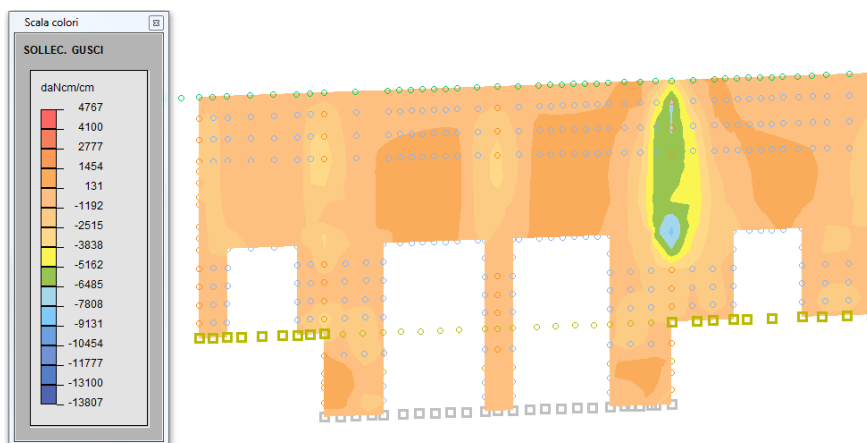


FIGURA 20: MIN Mx

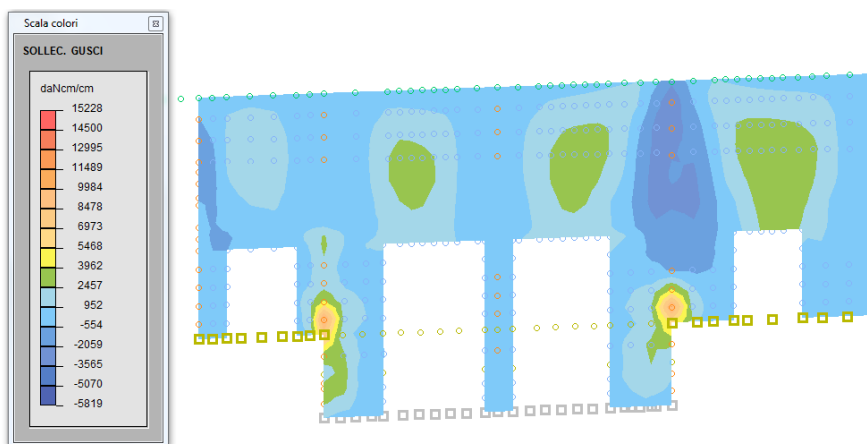


FIGURA 21: MAX Mx

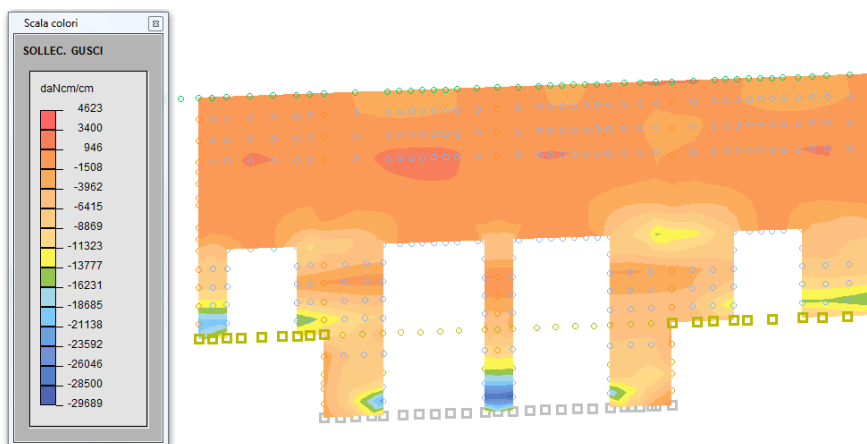


FIGURA 22: MIN My

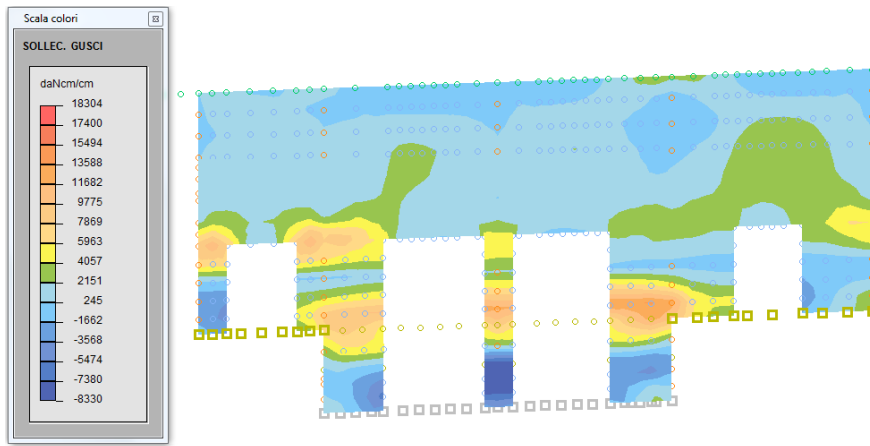


FIGURA 23: MAX MY

MACROGUSCIO P7

VERIFICA ARMATURE EFFETTIVE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
1	SLU SENZA SISMA 1
2	SLU SENZA SISMA 2
5	SLU con SISMAX PRINC
6	SLU con SISMAY PRINC

DATI:

tensione di snervamento acciaio (fyk): 4500 daN/cm2
 coefficiente sicurezza acciaio : 1.15
 deformazione ultima acciaio : 67.5 per mille
 deformazione ultima cls : 3.5 per mille
 rapporto rottura/snervamento (k): 1.15
 resistenza cilindrica cls (fck): 290.5 daN/cm2
 coefficiente sicurezza cls : 1.5
 coefficiente riduttivo (alfa): 0.85
 copriferro inferiore (asse armatura): 7 cm
 copriferro superiore (asse armatura): 7 cm
 moltiplicatore sollecitazioni : 1

LEGENDA:

spess = spessore guscio. Verifica effettuata su sezione BxH, con B=1 cm e H="spess" cm
 Af = area disposta al lembo teso, in cm2 al metro
 Afc = area disposta al lembo compresso, in cm2 al metro
 Mom = momento flettente [daNcm/cm]
 Nor = sforzo normale [daN]
 epsC = deformazione cls [per mille]
 epsF = deformazione acciaio [per mille]

<-

L'armatura è sufficiente se le deformazioni dei materiali sono ovunque minori delle corrispondenti deformazioni ultime.

GUSCI	spess	INFERIORE ORIZZONTALE							INFERIORE VERTICALE						
		Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF		
1404	50	19.01	19.01	0.	103.	0.00	0.13	19.01	19.01	1674.	310.	0.00	0.50		
1405	50	19.01	19.01	1039.	285.	0.00	0.42	19.01	19.01	1444.	295.	0.00	0.46		
1406	50	19.01	19.01	1438.	240.	0.00	0.40	19.01	19.01	1104.	269.	0.00	0.41		
1407	50	19.01	19.01	1467.	198.	0.00	0.34	19.01	19.01	689.	218.	0.00	0.32		
1408	50	19.01	19.01	1139.	145.	0.00	0.26	19.01	19.01	969.	141.	0.00	0.24		
1409	50	19.01	19.01	249.	144.	0.00	0.20	19.01	19.01	962.	108.	0.00	0.20		
1410	50	19.01	19.01	84.	189.	0.00	0.24	19.01	19.01	872.	112.	0.00	0.20		
1411	50	19.01	19.01	392.	264.	0.00	0.36	19.01	19.01	538.	134.	0.00	0.22		
1412	50	19.01	19.01	758.	358.	0.00	0.50	19.01	19.01	0.	180.	0.00	0.23		
1413	50	19.01	19.01	350.	408.	0.00	0.53	19.01	19.01	0.	165.	0.00	0.21		
1414	50	19.01	19.01	348.	426.	0.00	0.56	19.01	19.01	0.	108.	0.00	0.14		
1415	50	19.01	19.01	368.	432.	0.00	0.56	19.01	19.01	0.	-73.	0.01	0.02		
1416	50	19.01	19.01	425.	428.	0.00	0.56	19.01	19.01	0.	-74.	0.01	0.09		
1417	50	19.01	19.01	500.	417.	0.00	0.56	19.01	19.01	0.	191.	0.00	0.24		
1418	50	19.01	19.01	544.	403.	0.00	0.54	19.01	19.01	0.	278.	0.00	0.35		
1419	50	19.01	19.01	403.	378.	0.00	0.50	19.01	19.01	0.	243.	0.00	0.30		
1420	50	19.01	19.01	770.	125.	0.01	0.21	19.01	19.01	0.	61.	0.00	0.08		

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1421		50		19.01	19.01	566.	357.	0.00	0.48		19.01	19.01	0.	330.	0.00	0.41	
1422		50		19.01	19.01	39.	237.	0.01	0.30		19.01	19.01	0.	399.	0.00	0.50	
1423		50		19.01	19.01	227.	366.	0.00	0.47		19.01	19.01	0.	390.	0.00	0.49	
1424		50		19.01	19.01	356.	388.	0.00	0.51		19.01	19.01	0.	360.	0.00	0.45	
1425		50		19.01	19.01	574.	463.	0.00	0.62		19.01	19.01	141.	317.	0.00	0.41	
1426		50		19.01	19.01	884.	477.	0.00	0.66		19.01	19.01	469.	269.	0.00	0.37	
1427		50		19.01	19.01	1455.	486.	0.00	0.71		19.01	19.01	971.	219.	0.00	0.34	
1428		50		19.01	19.01	1828.	498.	0.00	0.74		19.01	19.01	1456.	141.	0.00	0.27	
1429		50		19.01	19.01	2106.	525.	0.00	0.80		19.01	19.01	3187.	147.	0.01	0.39	
1430		50		19.01	19.01	2119.	615.	0.00	0.91		19.01	19.01	4033.	456.	0.00	0.83	
1431		50		19.01	19.01	1315.	704.	0.00	1.00		19.01	19.01	5986.	486.	0.00	1.00	
1432		50		19.01	19.01	0.	983.	0.00	1.23		19.01	19.01	7021.	460.	0.00	1.04	
1433		50		19.01	19.01	0.	931.	0.00	1.17		19.01	19.01	6872.	505.	0.00	1.08	
1434		50		19.01	19.01	2991.	595.	0.00	0.94		19.01	19.01	5192.	426.	0.00	0.87	
1435		50		19.01	19.01	3029.	356.	0.00	0.66		19.01	19.01	3355.	163.	0.00	0.42	
1436		50		19.01	19.01	2154.	287.	0.00	0.50		19.01	19.01	2589.	94.	0.00	0.29	
1437		50		19.01	19.01	1625.	237.	0.00	0.41		19.01	19.01	1721.	106.	0.00	0.24	
1438		50		19.01	19.01	0.	310.	0.00	0.39		19.01	19.01	1142.	112.	0.00	0.21	
1439		50		19.01	19.01	0.	259.	0.00	0.32		19.01	19.01	585.	105.	0.00	0.17	
1440		50		19.01	19.01	0.	219.	0.00	0.27		19.01	19.01	156.	95.	0.00	0.13	
1441		50		19.01	19.01	0.	205.	0.00	0.26		19.01	19.01	0.	93.	0.00	0.12	
1442		50		19.01	19.01	0.	191.	0.00	0.24		19.01	19.01	0.	80.	0.00	0.10	
1443		50		19.01	19.01	0.	175.	0.00	0.22		19.01	19.01	0.	73.	0.00	0.09	
1444		50		19.01	19.01	0.	159.	0.00	0.20		19.01	19.01	433.	68.	0.00	0.11	
1445		50		19.01	19.01	321.	184.	0.00	0.25		19.01	19.01	664.	78.	0.00	0.15	
1508		50		41.18	19.01	0.	23.	0.00	0.03		19.01	19.01	3607.	-5.	0.09	0.23	
1511		50		19.01	19.01	0.	33.	0.00	0.04		19.01	19.01	488.	272.	0.00	0.37	
1512		50		19.01	19.01	0.	121.	0.00	0.15		19.01	19.01	825.	279.	0.00	0.40	
1513		50		41.18	19.01	746.	215.	0.00	0.32		19.01	19.01	3284.	61.	0.02	0.29	
1514		50		19.01	19.01	1266.	234.	0.00	0.37		19.01	19.01	1431.	217.	0.00	0.36	
1515		50		19.01	19.01	1106.	226.	0.00	0.36		19.01	19.01	975.	272.	0.00	0.41	
1516		50		19.01	19.01	829.	200.	0.00	0.30		19.01	19.01	687.	282.	0.00	0.40	
1517		50		19.01	19.01	1128.	240.	0.00	0.37		19.01	19.01	868.	281.	0.00	0.41	
1518		50		41.18	19.01	751.	342.	0.00	0.48		19.01	19.01	2301.	276.	0.00	0.50	
1519		50		41.18	41.18	1008.	438.	0.00	0.61		19.01	19.01	2472.	573.	0.00	0.88	
1520		50		41.18	41.18	831.	662.	0.00	0.66		19.01	19.01	3372.	677.	0.00	1.07	
1521		50		19.01	19.01	1615.	320.	0.00	0.53		19.01	19.01	1324.	339.	0.00	0.51	
1522		50		19.01	19.01	1301.	409.	0.00	0.60		19.01	19.01	1382.	489.	0.00	0.70	
1523		50		19.01	19.01	1521.	340.	0.00	0.52		19.01	19.01	1345.	537.	0.00	0.76	
1524		50		19.01	19.01	1767.	291.	0.00	0.48		19.01	19.01	1096.	334.	0.00	0.49	
1525		50		19.01	19.01	2016.	270.	0.00	0.47		19.01	19.01	986.	395.	0.00	0.56	
1526		50		19.01	19.01	1617.	140.	0.00	0.29		19.01	19.01	862.	402.	0.00	0.56	
1527		50		19.01	19.01	1854.	231.	0.00	0.41		19.01	19.01	951.	303.	0.00	0.44	
1528		50		19.01	19.01	2048.	206.	0.00	0.39		19.01	19.01	1055.	309.	0.00	0.46	
1529		50		19.01	19.01	1371.	110.	0.00	0.23		19.01	19.01	842.	300.	0.00	0.43	
1530		50		19.01	19.01	1644.	229.	0.00	0.39		19.01	19.01	859.	284.	0.00	0.41	
1531		50		19.01	19.01	1812.	190.	0.00	0.35		19.01	19.01	991.	252.	0.00	0.39	
1532		50		19.01	19.01	1212.	129.	0.00	0.24		19.01	19.01	1018.	184.	0.00	0.30	
1533		50		41.18	41.18	872.	537.	0.00	0.34		19.01	19.01	3511.	707.	0.00	1.12	
1535		50		19.01	19.01	1131.	117.	0.00	0.22		19.01	19.01	960.	550.	0.00	0.75	
1537		50		19.01	19.01	676.	30.	0.00	0.08		19.01	19.01	96.	418.	0.00	0.53	
1538		50		19.01	19.01	729.	48.	0.00	0.11		19.01	19.01	0.	425.	0.00	0.53	
1539		50		19.01	19.01	34.	44.	0.00	0.06		19.01	19.01	5.	290.	0.00	0.36	
1540		50		19.01	19.01	397.	62.	0.00	0.11		19.01	19.01	0.	300.	0.00	0.38	
1541		50		19.01	19.01	244.	116.	0.00	0.16		19.01	19.01	266.	162.	0.00	0.22	
1542		50		19.01	19.01	0.	153.	0.00	0.19		19.01	19.01	120.	186.	0.00	0.24	
1544		50		41.18	41.18	684.	692.	0.00	0.45		19.01	19.01	2002.	711.	0.00	1.02	
1546		50		19.01	19.01	1641.	160.	0.00	0.31		19.01	19.01	1551.	550.	0.00	0.79	
1547		50		19.01	19.01	0.	125.	0.00	0.16		19.01	19.01	0.	353.	0.00	0.44	
1548		50		19.01	19.01	1714.	202.	0.00	0.38		19.01	19.01	1838.	414.	0.00	0.64	
1549		50		19.01	19.01	0.	179.	0.00	0.22		19.01	19.01	0.	231.	0.00	0.29	
1550		50		19.01	19.01	1549.	284.	0.00	0.46		19.01	19.01	1847.	292.	0.00	0.49	
1551		50		19.01	19.01	279.	232.	0.00	0.31		19.01	19.01	845.	214.	0.00	0.32	
1552		50		19.01	19.01	1111.	325.	0.00	0.48		19.01	19.01	1027.	172.	0.00	0.28	
1553		50		41.18	41.18	1608.	1047.	0.00	0.96		19.01	19.01	1582.	728.	0.00	1.02	
1554		50		41.18	41.18	2108.	852.	0.00	0.81		19.01	19.01	882.	707.	0.00	0.95	
1555		50		41.18	41.18	2293.	736.	0.00	0.99		19.01	19.01	876.	657.	0.00	0.88	
1556		50		41.18	41.18	2264.	608.	0.00	0.87		19.01	19.01	914.	501.	0.00	0.69	
1557		50		41.18	41.18	2038.	497.	0.00	0.75		19.01	19.01	924.	306.	0.00	0.44	
1558		50		41.18	41.18	1579.	421.	0.00	0.63		19.01	19.01	919.	172.	0.00	0.28	
1559		50		19.01	19.01	1882.	388.	0.00	0.61		19.01	19.01	1426.	607.	0.00	0.85	
1560		50		19.01	19.01	2161.	334.	0.00	0.56		19.01	19.01	1601.	601.	0.00	0.87	
1561		50		19.01	19.01	2315.	539.	0.00	0.83		19.01	19.01	1476.	607.	0.00	0.86	
1562		50		19.01	19.01	2282.	539.	0.00	0.82		19.01	19.01	1461.	494.	0.00	0.71	
1563		50		19.01	19.01	2047.	480.	0.00	0.73		19.01	19.01	1378.	319.	0.00	0.49	
1564		50		19.01	19.01	1672.	454.	0.00	0.68		19.01	19.01	1199.	150.	0.00	0.27	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1565		50		19.01	19.01	1981.	309.	0.00	0.52		19.01	19.01	2099.	477.	0.00	0.73	
1566		50		19.01	19.01	1858.	337.	0.00	0.54		19.01	19.01	2134.	497.	0.00	0.76	
1567		50		19.01	19.01	2178.	141.	0.00	0.32		19.01	19.01	2103.	501.	0.00	0.77	
1568		50		19.01	19.01	1949.	144.	0.00	0.31		19.01	19.01	1966.	500.	0.00	0.76	
1569		50		19.01	19.01	1673.	129.	0.00	0.27		19.01	19.01	1782.	453.	0.00	0.68	
1570		50		19.01	19.01	1429.	375.	0.00	0.56		19.01	19.01	1510.	346.	0.00	0.53	
1571		50		19.01	19.01	1882.	369.	0.00	0.58		19.01	19.01	2114.	347.	0.00	0.57	
1572		50		19.01	19.01	1698.	400.	0.00	0.61		19.01	19.01	2055.	379.	0.00	0.61	
1573		50		19.01	19.01	1279.	401.	0.00	0.58		19.01	19.01	1921.	408.	0.00	0.64	
1574		50		19.01	19.01	1280.	353.	0.00	0.52		19.01	19.01	1965.	422.	0.00	0.66	
1575		50		19.01	19.01	1285.	346.	0.00	0.52		19.01	19.01	1907.	421.	0.00	0.65	
1576		50		19.01	19.01	1460.	82.	0.00	0.20		19.01	19.01	1705.	413.	0.00	0.63	
1577		50		19.01	19.01	1131.	394.	0.00	0.57		19.01	19.01	1257.	86.	0.00	0.19	
1578		50		19.01	19.01	863.	419.	0.00	0.58		19.01	19.01	994.	198.	0.00	0.31	
1579		50		19.01	19.01	1060.	423.	0.00	0.60		19.01	19.01	670.	282.	0.00	0.41	
1580		50		19.01	19.01	1076.	426.	0.00	0.60		19.01	19.01	917.	339.	0.00	0.48	
1581		50		19.01	19.01	1113.	417.	0.00	0.59		19.01	19.01	1127.	355.	0.00	0.52	
1582		50		19.01	19.01	901.	387.	0.00	0.54		19.01	19.01	804.	364.	0.00	0.51	
1583		50		41.18	41.18	2589.	715.	0.00	0.49		19.01	19.01	808.	239.	0.00	0.35	
1584		50		41.18	41.18	2722.	828.	0.00	0.56		19.01	19.01	718.	430.	0.00	0.59	
1585		50		41.18	41.18	2723.	984.	0.00	0.65		19.01	19.01	540.	726.	0.00	0.95	
1586		50		41.18	41.18	2432.	1173.	0.00	0.75		19.01	19.01	246.	937.	0.00	1.19	
1587		50		41.18	41.18	1808.	1389.	0.00	0.86		19.01	19.01	0.	1064.	0.00	1.33	
1588		50		41.18	41.18	721.	1635.	0.00	0.97		19.01	19.01	266.	1113.	0.00	1.41	
1589		50		19.01	19.01	2723.	728.	0.00	1.11		19.01	19.01	1387.	393.	0.00	0.58	
1590		50		19.01	19.01	2909.	812.	0.00	1.22		19.01	19.01	1477.	617.	0.00	0.87	
1591		50		19.01	19.01	2942.	903.	0.00	1.33		19.01	19.01	1395.	775.	0.00	1.07	
1592		50		19.01	19.01	2700.	996.	0.00	1.44		19.01	19.01	1199.	865.	0.00	1.17	
1593		50		19.01	19.01	2153.	1077.	0.00	1.50		19.01	19.01	1306.	872.	0.00	1.22	
1594		50		19.01	19.01	1268.	1062.	0.00	1.42		19.01	19.01	835.	910.	0.00	1.21	
1595		50		19.01	19.01	2682.	713.	0.00	1.07		19.01	19.01	1889.	561.	0.00	0.83	
1596		50		19.01	19.01	3046.	730.	0.00	1.12		19.01	19.01	2072.	622.	0.00	0.92	
1597		50		19.01	19.01	3181.	729.	0.00	1.13		19.01	19.01	2110.	669.	0.00	0.98	
1598		50		19.01	19.01	3029.	642.	0.00	1.01		19.01	19.01	1908.	715.	0.00	1.02	
1599		50		19.01	19.01	2553.	418.	0.00	0.69		19.01	19.01	1936.	704.	0.00	1.03	
1600		50		19.01	19.01	2133.	204.	0.00	0.41		19.01	19.01	1603.	686.	0.00	0.97	
1601		50		19.01	19.01	2277.	529.	0.00	0.81		19.01	19.01	1634.	530.	0.00	0.77	
1602		50		19.01	19.01	2699.	520.	0.00	0.83		19.01	19.01	1984.	546.	0.00	0.81	
1603		50		19.01	19.01	2625.	264.	0.00	0.50		19.01	19.01	2181.	552.	0.00	0.84	
1604		50		19.01	19.01	2730.	227.	0.00	0.46		19.01	19.01	2250.	545.	0.00	0.83	
1605		50		19.01	19.01	2222.	305.	0.00	0.53		19.01	19.01	2128.	528.	0.00	0.80	
1606		50		19.01	19.01	2153.	425.	0.00	0.67		19.01	19.01	1892.	473.	0.00	0.73	
1607		50		19.01	19.01	1278.	196.	0.00	0.33		19.01	19.01	895.	468.	0.00	0.64	
1608		50		19.01	19.01	1656.	201.	0.00	0.36		19.01	19.01	1266.	452.	0.00	0.65	
1609		50		19.01	19.01	800.	392.	0.00	0.54		19.01	19.01	1557.	430.	0.00	0.64	
1610		50		19.01	19.01	1381.	474.	0.00	0.68		19.01	19.01	1810.	384.	0.00	0.60	
1611		50		19.01	19.01	1653.	480.	0.00	0.71		19.01	19.01	1927.	332.	0.00	0.54	
1612		50		19.01	19.01	2022.	472.	0.00	0.74		19.01	19.01	1775.	259.	0.00	0.44	
1613		50		41.18	41.18	720.	411.	0.00	0.26		19.01	19.01	3069.	863.	0.00	1.29	
1616		50		41.18	41.18	2027.	339.	0.00	0.26		19.01	19.01	1209.	459.	0.00	0.65	
1617		50		41.18	41.18	2528.	381.	0.00	0.30		19.01	19.01	261.	410.	0.00	0.53	
1618		50		41.18	41.18	2978.	541.	0.00	0.40		19.01	19.01	0.	521.	0.00	0.65	
1619		50		19.01	19.01	600.	234.	0.00	0.33		19.01	19.01	3082.	709.	0.00	1.09	
1620		50		19.01	19.01	853.	312.	0.00	0.45		19.01	19.01	3016.	659.	0.00	1.03	
1621		50		19.01	19.01	1506.	372.	0.00	0.56		19.01	19.01	2664.	506.	0.00	0.81	
1622		50		19.01	19.01	2111.	424.	0.00	0.67		19.01	19.01	2137.	349.	0.00	0.58	
1623		50		19.01	19.01	2179.	419.	0.00	0.67		19.01	19.01	1523.	316.	0.00	0.51	
1624		50		19.01	19.01	2570.	259.	0.00	0.49		19.01	19.01	1251.	374.	0.00	0.56	
1625		50		19.01	19.01	978.	336.	0.00	0.49		19.01	19.01	2161.	525.	0.00	0.80	
1626		50		19.01	19.01	1356.	406.	0.00	0.60		19.01	19.01	2515.	483.	0.00	0.77	
1627		50		19.01	19.01	1653.	428.	0.00	0.64		19.01	19.01	2458.	356.	0.00	0.61	
1628		50		19.01	19.01	1979.	430.	0.00	0.67		19.01	19.01	2321.	216.	0.00	0.42	
1629		50		19.01	19.01	2330.	322.	0.00	0.59		19.01	19.01	2036.	181.	0.00	0.36	
1630		50		19.01	19.01	2780.	357.	0.00	0.63		19.01	19.01	1960.	206.	0.00	0.38	
1631		50		19.01	19.01	2188.	369.	0.00	0.60		19.01	19.01	1008.	431.	0.00	0.61	
1632		50		19.01	19.01	2087.	382.	0.00	0.61		19.01	19.01	1767.	283.	0.00	0.47	
1633		50		19.01	19.01	2068.	364.	0.00	0.62		19.01	19.01	2469.	236.	0.00	0.46	
1634		50		19.01	19.01	2057.	310.	0.00	0.54		19.01	19.01	2789.	182.	0.00	0.41	
1635		50		19.01	19.01	2509.	184.	0.00	0.44		19.01	19.01	2742.	117.	0.00	0.32	
1636		50		19.01	19.01	3055.	292.	0.00	0.56		19.01	19.01	2594.	93.	0.02	0.28	
1637		50		19.01	19.01	2576.	369.	0.00	0.63		19.01	19.01	1099.	387.	0.00	0.56	
1638		50		19.01	19.01	2059.	325.	0.00	0.54		19.01	19.01	1647.	222.	0.00	0.38	
1639		50		19.01	19.01	1886.	294.	0.00	0.49		19.01	19.01	2194.	93.	0.00	0.26	
1640		50		19.01	19.01	1332.	262.	0.00	0.42		19.01	19.01	2395.	100.	0.00	0.28	
1641		50		19.01	19.01	516.	250.	0.00	0.35		19.01	19.01	2359.	110.	0.00	0.29	
1642		50		19.01	19.01	1772.	164.	0.00	0.32		19.01	19.01	2152.	97.	0.00	0.26	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1643		50		41.18	41.18	949.	307.	0.00	0.45		19.01	19.01	709.	140.	0.00	0.22	
1646		50		41.18	41.18	1721.	613.	0.00	0.41		19.01	19.01	809.	129.	0.00	0.21	
1647		50		19.01	19.01	925.	367.	0.00	0.52		19.01	19.01	909.	29.	0.02	0.10	
1648		50		19.01	19.01	0.	284.	0.00	0.36		19.01	19.01	344.	52.	0.01	0.09	
1649		50		19.01	19.01	101.	480.	0.00	0.61		19.01	19.01	749.	23.	0.01	0.08	
1650		50		19.01	19.01	2012.	650.	0.00	0.95		19.01	19.01	1219.	226.	0.02	0.36	
1651		50		19.01	19.01	604.	71.	0.00	0.13		19.01	19.01	1026.	238.	0.02	0.36	
1652		50		19.01	19.01	0.	401.	0.00	0.50		19.01	19.01	435.	134.	0.02	0.20	
1653		50		19.01	19.01	0.	524.	0.00	0.66		19.01	19.01	781.	316.	0.00	0.45	
1654		50		19.01	19.01	1868.	634.	0.00	0.94		19.01	19.01	1563.	495.	0.00	0.72	
1655		50		19.01	19.01	512.	340.	0.00	0.46		19.01	19.01	1463.	296.	0.00	0.47	
1656		50		19.01	19.01	0.	390.	0.00	0.49		19.01	19.01	788.	59.	0.00	0.13	
1657		50		19.01	19.01	0.	498.	0.00	0.62		19.01	19.01	786.	376.	0.00	0.52	
1658		50		19.01	19.01	1218.	548.	0.00	0.77		19.01	19.01	1239.	512.	0.00	0.72	
1659		50		19.01	19.01	698.	389.	0.00	0.53		19.01	19.01	862.	276.	0.00	0.40	
1660		50		19.01	19.01	0.	267.	0.00	0.33		19.01	19.01	533.	95.	0.02	0.15	
1661		50		19.01	19.01	287.	406.	0.00	0.53		19.01	19.01	334.	381.	0.00	0.50	
1662		50		19.01	19.01	795.	173.	0.00	0.27		19.01	19.01	532.	477.	0.00	0.63	
1663		50		41.18	41.18	382.	1105.	0.00	0.65		19.01	19.01	882.	1104.	0.00	1.44	
1664		50		41.18	41.18	0.	947.	0.00	0.55		19.01	19.01	1452.	1004.	0.00	1.36	
1665		50		41.18	41.18	0.	820.	0.00	0.47		19.01	19.01	2577.	887.	0.00	1.29	
1666		50		41.18	41.18	0.	664.	0.00	0.38		19.01	19.01	3171.	888.	0.00	1.33	
1667		50		19.01	19.01	0.	634.	0.00	0.79		19.01	19.01	903.	891.	0.00	1.18	
1668		50		19.01	19.01	0.	491.	0.00	0.62		19.01	19.01	1208.	806.	0.00	1.09	
1669		50		19.01	19.01	0.	402.	0.00	0.50		19.01	19.01	1089.	822.	0.00	1.11	
1670		50		19.01	19.01	0.	354.	0.00	0.44		19.01	19.01	1245.	858.	0.00	1.16	
1671		50		19.01	19.01	1278.	233.	0.00	0.37		19.01	19.01	1040.	654.	0.00	0.89	
1672		50		19.01	19.01	0.	208.	0.00	0.26		19.01	19.01	0.	730.	0.00	0.91	
1673		50		19.01	19.01	0.	169.	0.00	0.21		19.01	19.01	0.	808.	0.00	1.01	
1674		50		19.01	19.01	0.	66.	0.00	0.08		19.01	19.01	0.	816.	0.00	1.02	
1675		50		19.01	19.01	1901.	440.	0.00	0.67		19.01	19.01	1335.	417.	0.00	0.61	
1676		50		19.01	19.01	1093.	400.	0.00	0.57		19.01	19.01	0.	680.	0.00	0.85	
1677		50		19.01	19.01	0.	385.	0.00	0.48		19.01	19.01	0.	780.	0.00	0.98	
1678		50		19.01	19.01	0.	329.	0.00	0.41		19.01	19.01	0.	775.	0.00	0.97	
1679		50		19.01	19.01	1885.	515.	0.00	0.77		19.01	19.01	1279.	351.	0.00	0.52	
1680		50		19.01	19.01	1718.	545.	0.00	0.80		19.01	19.01	744.	584.	0.00	0.81	
1681		50		19.01	19.01	420.	567.	0.00	0.77		19.01	19.01	0.	713.	0.00	0.89	
1682		50		19.01	19.01	0.	733.	0.00	0.92		19.01	19.01	0.	703.	0.00	0.88	
1683		50		41.18	41.18	0.	379.	0.00	0.22		19.01	19.01	3593.	847.	0.00	1.31	
1684		50		41.18	41.18	0.	376.	0.00	0.22		19.01	19.01	3734.	861.	0.00	1.34	
1685		50		19.01	19.01	0.	159.	0.00	0.20		19.01	19.01	1612.	813.	0.00	1.13	
1686		50		19.01	19.01	0.	149.	0.00	0.19		19.01	19.01	2568.	751.	0.00	1.11	
1687		50		19.01	19.01	0.	91.	0.00	0.11		19.01	19.01	0.	774.	0.00	0.97	
1688		50		19.01	19.01	0.	240.	0.00	0.30		19.01	19.01	871.	603.	0.00	0.82	
1689		50		19.01	19.01	0.	235.	0.00	0.29		19.01	19.01	0.	689.	0.00	0.86	
1690		50		19.01	19.01	752.	343.	0.00	0.48		19.01	19.01	0.	663.	0.00	0.83	
1691		50		19.01	19.01	0.	649.	0.00	0.81		19.01	19.01	0.	670.	0.00	0.84	
1692		50		19.01	19.01	2170.	478.	0.00	0.74		19.01	19.01	0.	676.	0.00	0.85	
1693		50		41.18	41.18	2152.	648.	0.00	0.44		19.01	19.01	0.	585.	0.00	0.73	
1694		50		41.18	41.18	1689.	476.	0.00	0.33		19.01	19.01	0.	580.	0.00	0.73	
1695		50		41.18	41.18	1480.	355.	0.00	0.25		19.01	19.01	1981.	404.	0.00	0.67	
1696		50		41.18	19.01	2644.	333.	0.00	0.45		19.01	19.01	1500.	371.	0.00	0.62	
1697		50		41.18	19.01	3073.	147.	0.00	0.39		19.01	19.01	896.	437.	0.00	0.61	
1698		50		41.18	19.01	2617.	223.	0.00	0.38		19.01	19.01	1015.	285.	0.00	0.42	
1699		50		19.01	19.01	2813.	345.	0.00	0.61		19.01	19.01	1927.	217.	0.00	0.40	
1700		50		19.01	19.01	3174.	251.	0.00	0.52		19.01	19.01	1760.	195.	0.00	0.36	
1701		50		19.01	19.01	2988.	187.	0.00	0.43		19.01	19.01	1693.	77.	0.05	0.21	
1702		50		19.01	19.01	3047.	285.	0.00	0.55		19.01	19.01	2292.	70.	0.05	0.24	
1703		50		19.01	19.01	3002.	239.	0.00	0.49		19.01	19.01	2227.	61.	0.05	0.22	
1704		50		19.01	19.01	2438.	194.	0.00	0.40		19.01	19.01	2130.	80.	0.05	0.24	
1705		50		19.01	19.01	1574.	148.	0.00	0.29		19.01	19.01	1741.	85.	0.00	0.22	
1706		50		19.01	19.01	1345.	128.	0.00	0.25		19.01	19.01	1792.	80.	0.00	0.22	
1707		50		19.01	19.01	1067.	97.	0.00	0.20		19.01	19.01	1936.	87.	0.00	0.23	
1708		50		41.18	41.18	1857.	98.	0.00	0.13		19.01	19.01	5072.	194.	0.00	0.58	
1709		50		41.18	19.01	2181.	95.	0.00	0.26		19.01	19.01	1546.	112.	0.00	0.24	
1710		50		19.01	19.01	2216.	149.	0.00	0.33		19.01	19.01	1558.	36.	0.04	0.15	
1711		50		19.01	19.01	1676.	164.	0.00	0.31		19.01	19.01	1620.	125.	0.00	0.26	
1712		50		19.01	19.01	809.	101.	0.00	0.18		19.01	19.01	1470.	133.	0.00	0.26	
1713		50		41.18	41.18	1303.	65.	0.02	0.08		19.01	19.01	8516.	123.	0.15	0.70	
1714		50		41.18	19.01	1928.	58.	0.01	0.20		19.01	19.01	2755.	53.	0.01	0.24	
1715		50		19.01	19.01	344.	100.	0.00	0.15		19.01	19.01	1484.	91.	0.02	0.21	
1716		50		19.01	19.01	0.	131.	0.00	0.16		19.01	19.01	1167.	162.	0.00	0.28	
1717		50		19.01	19.01	0.	100.	0.00	0.13		19.01	19.01	1323.	160.	0.00	0.29	
2583		50		41.18	41.18	0.	53.	0.00	0.03		26.98	19.01	6497.	166.	0.00	0.63	
2584		50		41.18	41.18	0.	145.	0.00	0.08		26.98	19.01	4309.	144.	0.00	0.46	
2585		50		41.18	41.18	0.	43.	0.00	0.02		19.01	19.01	2423.	38.	0.01	0.23	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2586		50		41.18	41.18	318.	143.	0.00	0.09		19.01	19.01	1731.	46.	0.02	0.17	
2587		50		41.18	41.18	0.	354.	0.00	0.20		26.98	19.01	3202.	119.	0.00	0.36	
2588		50		41.18	41.18	266.	525.	0.00	0.32		26.98	19.01	2353.	535.	0.00	0.82	
2589		50		41.18	41.18	150.	356.	0.00	0.21		19.01	19.01	1184.	124.	0.00	0.23	
2590		50		41.18	41.18	548.	495.	0.00	0.31		19.01	19.01	2599.	524.	0.00	0.83	
2591		50		41.18	41.18	958.	685.	0.00	0.43		26.98	19.01	8193.	975.	0.00	1.79	
2592		50		41.18	41.18	1780.	599.	0.00	0.40		26.98	19.01	10188.	1112.	1.44	21.93	
2593		50		41.18	41.18	901.	653.	0.00	0.40		19.01	19.01	5718.	859.	0.00	1.47	
2594		50		41.18	41.18	1602.	477.	0.00	0.33		19.01	19.01	6673.	876.	0.00	1.56	
2597		50		41.18	41.18	501.	478.	0.00	0.29		19.01	19.01	6878.	763.	0.00	1.42	
2598		50		41.18	41.18	468.	776.	0.00	0.46		19.01	19.01	4933.	747.	0.00	1.27	
2599		50		41.18	41.18	741.	791.	0.00	0.48		19.01	19.01	4873.	801.	0.00	1.34	
2600		50		41.18	41.18	441.	929.	0.00	0.55		26.98	19.01	6244.	804.	0.00	1.44	
2601		50		41.18	41.18	1510.	1190.	0.00	0.73		19.01	19.01	1388.	771.	0.00	1.06	
2602		50		41.18	41.18	1375.	1450.	0.00	0.88		26.98	26.98	1343.	910.	0.00	0.87	
2603		50		41.18	41.18	1539.	1241.	0.00	0.76		19.01	19.01	917.	815.	0.00	1.08	
2604		50		41.18	41.18	2056.	1035.	0.00	0.66		26.98	19.01	748.	736.	0.00	0.94	
2605		50		41.18	41.18	2254.	797.	0.00	0.53		26.98	19.01	738.	481.	0.00	0.65	
2606		50		41.18	41.18	2267.	619.	0.00	0.43		26.98	19.01	619.	258.	0.00	0.36	
2607		50		41.18	41.18	2032.	495.	0.00	0.35		26.98	19.01	547.	152.	0.00	0.23	
2608		50		41.18	41.18	1524.	397.	0.00	0.28		26.98	19.01	663.	127.	0.00	0.20	
2609		50		41.18	41.18	628.	284.	0.00	0.18		26.98	19.01	903.	276.	0.00	0.40	
2612		50		41.18	41.18	1683.	578.	0.00	0.39		26.98	19.01	979.	221.	0.00	0.34	
2613		50		41.18	41.18	2445.	688.	0.00	0.47		26.98	19.01	609.	130.	0.00	0.20	
2614		50		41.18	41.18	2706.	820.	0.00	0.56		26.98	19.01	434.	123.	0.00	0.18	
2615		50		41.18	41.18	2698.	988.	0.00	0.65		26.98	19.01	188.	405.	0.00	0.52	
2616		50		41.18	41.18	2311.	1212.	0.00	0.77		26.98	19.01	0.	851.	0.00	1.07	
2617		50		41.18	41.18	1802.	1527.	0.00	0.94		26.98	19.01	0.	1036.	0.00	1.30	
2618		50		41.18	41.18	500.	1938.	0.00	1.14		26.98	19.01	74.	1195.	0.00	1.50	
2619		50		41.18	41.18	376.	1228.	0.00	0.72		26.98	19.01	947.	1228.	0.00	1.60	
2622		50		41.18	41.18	0.	749.	0.00	0.43		26.98	26.98	3823.	910.	0.00	1.28	
2623		50		41.18	41.18	0.	479.	0.00	0.28		26.98	26.98	4039.	914.	0.00	1.40	
2624		50		41.18	41.18	0.	480.	0.00	0.28		26.98	26.98	4201.	867.	0.00	1.39	
2625		50		41.18	41.18	734.	482.	0.00	0.30		26.98	26.98	2848.	914.	0.00	0.94	
2645		50		41.18	41.18	0.	164.	0.00	0.09		19.01	19.01	977.	74.	0.00	0.16	
2646		50		41.18	41.18	23.	254.	0.00	0.15		19.01	19.01	639.	132.	0.00	0.21	
2647		50		19.01	19.01	0.	305.	0.00	0.38		19.01	19.01	375.	56.	0.00	0.09	
2649		50		41.18	41.18	0.	209.	0.00	0.12		19.01	19.01	956.	67.	0.00	0.15	
2651		50		19.01	19.01	0.	167.	0.00	0.21		19.01	19.01	373.	98.	0.00	0.15	
2652		50		41.18	41.18	0.	88.	0.00	0.05		19.01	19.01	449.	189.	0.00	0.27	
3824		50		19.01	19.01	0.	26.	0.00	0.03		19.01	19.01	803.	244.	0.00	0.36	
3825		50		19.01	19.01	0.	-16.	0.00	0.00		19.01	19.01	719.	248.	0.00	0.36	
3826		50		19.01	19.01	0.	-3.	0.00	0.00		19.01	19.01	572.	250.	0.00	0.35	
3828		50		19.01	19.01	0.	49.	0.00	0.06		19.01	19.01	1394.	153.	0.00	0.28	
3829		50		19.01	19.01	0.	119.	0.00	0.15		19.01	19.01	1378.	165.	0.00	0.30	
3830		50		19.01	19.01	0.	72.	0.00	0.09		19.01	19.01	1281.	168.	0.00	0.29	
3832		50		19.01	19.01	926.	84.	0.00	0.16		19.01	19.01	442.	541.	0.00	0.71	
3834		50		19.01	19.01	556.	49.	0.00	0.10		19.01	19.01	68.	533.	0.00	0.67	
3835		50		19.01	19.01	680.	61.	0.00	0.12		19.01	19.01	43.	542.	0.00	0.68	
3836		50		19.01	19.01	0.	117.	0.00	0.15		19.01	19.01	495.	471.	0.00	0.62	
3837		50		19.01	19.01	0.	131.	0.00	0.16		19.01	19.01	583.	438.	0.00	0.59	
3838		50		19.01	19.01	0.	91.	0.00	0.11		19.01	19.01	186.	462.	0.00	0.59	
3840		50		41.18	41.18	645.	344.	0.00	0.22		19.01	19.01	3674.	581.	0.00	0.97	
3841		50		41.18	41.18	210.	183.	0.00	0.11		19.01	19.01	3255.	558.	0.00	0.91	
3842		50		19.01	19.01	119.	178.	0.00	0.23		19.01	19.01	1873.	581.	0.00	0.85	
3844		50		41.18	41.18	1617.	362.	0.00	0.26		19.01	19.01	3294.	677.	0.00	1.07	
3846		50		19.01	19.01	1415.	145.	0.00	0.27		19.01	19.01	1733.	682.	0.00	0.97	
3847		50		41.18	41.18	1307.	258.	0.00	0.19		19.01	19.01	2660.	709.	0.00	1.07	
5587		50		19.01	19.01	0.	88.	0.00	0.11		26.98	26.98	0.	-516.	0.06	-0.06	
5588		50		19.01	19.01	0.	97.	0.00	0.12		26.98	26.98	0.	-692.	0.07	-0.07	
5589		50		19.01	19.01	0.	102.	0.00	0.13		26.98	26.98	0.	-610.	0.07	-0.07	
5590		50		19.01	19.01	175.	95.	0.01	0.13		26.98	26.98	0.	-141.	0.02	-0.02	
5591		50		19.01	19.01	0.	72.	0.01	0.09		26.98	26.98	7777.	220.	0.00	0.55	
5594		50		19.01	19.01	0.	122.	0.00	0.15		26.98	26.98	0.	-516.	0.06	-0.06	
5595		50		19.01	19.01	0.	98.	0.00	0.12		26.98	26.98	0.	-692.	0.07	-0.07	
5596		50		19.01	19.01	27.	81.	0.00	0.10		26.98	26.98	0.	-610.	0.07	-0.07	
5597		50		19.01	19.01	0.	180.	0.00	0.23		26.98	26.98	0.	-141.	0.02	-0.02	
5598		50		19.01	19.01	0.	171.	0.00	0.21		26.98	26.98	7778.	220.	0.00	0.55	
5615		50		19.01	19.01	13.	287.	0.00	0.36		26.98	26.98	0.	1278.	0.00	1.13	
5616		50		19.01	19.01	0.	299.	0.00	0.37		26.98	26.98	0.	872.	0.00	0.77	
5617		50		19.01	19.01	28.	283.	0.00	0.36		26.98	26.98	0.	1062.	0.00	0.94	
5618		50		19.01	19.01	446.	574.	0.00	0.75		26.98	26.98	5330.	1327.	0.00	1.43	
5619		50		19.01	19.01	824.	691.	0.00	0.92		26.98	26.98	11692.	1666.	1.06	16.38	
5622		50		19.01	19.01	2551.	104.	0.00	0.30		26.98	26.98	0.	1254.	0.00	1.11	
5623		50		19.01	19.01	0.	301.	0.00	0.38		26.98	26.98	0.	853.	0.00	0.75	
5624		50		19.01	19.01	687.	473.	0.00	0.64		26.98	26.98	0.	1117.	0.00	0.99	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5625		50		19.01	19.01	1587.	770.	0.00	1.07		26.98	26.98	5168.	1306.	0.00	1.41	
5626		50		19.01	19.01	2196.	730.	0.00	1.06		26.98	26.98	10703.	1535.	0.00	2.00	
5627		50		19.01	19.01	2323.	1040.	0.00	1.46		26.98	26.98	0.	1387.	0.00	1.22	
5628		50		19.01	19.01	1197.	917.	0.00	1.23		26.98	26.98	0.	1470.	0.00	1.30	
5629		50		19.01	19.01	52.	609.	0.00	0.77		26.98	26.98	0.	1513.	0.00	1.33	
5630		50		19.01	19.01	2096.	1000.	0.00	1.40		26.98	26.98	0.	1515.	0.00	1.34	
5631		50		19.01	19.01	314.	862.	0.00	1.10		26.98	26.98	1716.	1683.	0.00	1.57	
5632		50		19.01	19.01	1067.	354.	0.00	0.51		26.98	26.98	0.	1882.	0.00	1.66	
5633		50		19.01	19.01	1304.	562.	0.00	0.79		26.98	26.98	0.	1107.	0.00	0.98	
5634		50		19.01	19.01	554.	330.	0.00	0.45		26.98	26.98	0.	1479.	0.00	1.30	
5635		50		19.01	19.01	1725.	362.	0.00	0.57		26.98	26.98	0.	1970.	0.00	1.74	
5636		50		19.01	19.01	981.	809.	0.00	1.08		26.98	26.98	0.	864.	0.00	0.76	
5637		50		19.01	19.01	1045.	456.	0.00	0.64		26.98	26.98	0.	1072.	0.00	0.95	
5638		50		19.01	19.01	1519.	455.	0.00	0.67		26.98	26.98	0.	1497.	0.00	1.32	
5639		50		19.01	19.01	1317.	973.	0.00	1.31		26.98	26.98	0.	1201.	0.00	1.06	
5640		50		19.01	19.01	1070.	449.	0.00	0.64		26.98	26.98	0.	1264.	0.00	1.11	
5641		50		19.01	19.01	1096.	398.	0.00	0.57		26.98	26.98	0.	1259.	0.00	1.11	
5642		50		19.01	19.01	1520.	988.	0.00	1.34		26.98	26.98	4708.	1178.	0.00	1.27	
5643		50		19.01	19.01	654.	387.	0.00	0.53		26.98	26.98	3439.	939.	0.00	0.99	
5644		50		19.01	19.01	611.	379.	0.00	0.51		26.98	26.98	1395.	910.	0.00	0.87	
5645		50		19.01	19.01	1394.	812.	0.00	1.11		26.98	26.98	9427.	1365.	0.00	1.67	
5647		50		19.01	19.01	382.	673.	0.00	0.87		26.98	26.98	4067.	1152.	0.00	1.21	
5662		50		19.01	19.01	304.	95.	0.00	0.14		26.98	26.98	0.	-987.	0.11	-0.11	
5663		50		19.01	19.01	55.	193.	0.00	0.25		26.98	26.98	0.	-987.	0.11	-0.11	
5664		50		19.01	19.01	710.	146.	0.00	0.23		26.98	26.98	2542.	33.	0.02	0.15	
5665		50		19.01	19.01	0.	220.	0.00	0.27		26.98	26.98	2547.	33.	0.02	0.15	
5666		50		19.01	19.01	675.	165.	0.00	0.25		26.98	26.98	8347.	442.	0.00	0.78	
5667		50		19.01	19.01	140.	275.	0.00	0.35		26.98	26.98	8344.	442.	0.00	0.78	
5668		50		19.01	19.01	818.	145.	0.00	0.23		26.98	26.98	4727.	-30.	0.10	0.21	
5669		50		19.01	19.01	179.	292.	0.00	0.38		26.98	26.98	4724.	-30.	0.10	0.21	
5670		50		19.01	19.01	293.	105.	0.00	0.15		26.98	26.98	3550.	-666.	0.14	0.09	
5671		50		19.01	19.01	234.	156.	0.00	0.21		26.98	26.98	3551.	-666.	0.14	0.09	
5672		50		19.01	19.01	241.	292.	0.00	0.38		26.98	26.98	2926.	173.	0.00	0.29	
5673		50		19.01	19.01	122.	106.	0.00	0.14		26.98	26.98	2926.	174.	0.00	0.29	
5674		50		19.01	19.01	0.	293.	0.00	0.37		26.98	26.98	4078.	679.	0.00	0.79	
5675		50		19.01	19.01	0.	154.	0.00	0.19		26.98	26.98	4078.	679.	0.00	0.79	
5697		50		19.01	19.01	582.	416.	0.00	0.56		26.98	26.98	0.	1536.	0.00	1.36	
5698		50		19.01	19.01	1086.	726.	0.00	0.98		26.98	26.98	0.	1732.	0.00	1.53	
5699		50		19.01	19.01	1083.	798.	0.00	1.07		26.98	26.98	0.	1934.	0.00	1.71	
5700		50		19.01	19.01	1244.	327.	0.00	0.49		26.98	26.98	0.	1783.	0.00	1.57	
5701		50		19.01	19.01	425.	920.	0.00	1.18		26.98	26.98	0.	1985.	0.00	1.75	
5702		50		19.01	19.01	1040.	815.	0.00	1.09		26.98	26.98	0.	2011.	0.00	1.77	
5703		50		19.01	19.01	1257.	258.	0.00	0.40		26.98	26.98	5911.	1234.	0.00	1.54	
5704		50		19.01	19.01	604.	838.	0.00	1.09		26.98	26.98	4310.	1687.	0.00	1.70	
5705		50		19.01	19.01	797.	910.	0.00	1.19		26.98	26.98	4438.	1569.	0.00	1.60	
5706		50		19.01	19.01	1647.	255.	0.00	0.43		26.98	26.98	1626.	1357.	0.00	1.28	
5707		50		19.01	19.01	864.	801.	0.00	1.06		26.98	26.98	2002.	1396.	0.00	1.33	
5708		50		19.01	19.01	931.	684.	0.00	0.93		26.98	26.98	1039.	1376.	0.00	1.26	
5709		50		19.01	19.01	1218.	474.	0.00	0.67		26.98	26.98	394.	1338.	0.00	1.20	
5710		50		19.01	19.01	883.	789.	0.00	1.05		26.98	26.98	410.	1378.	0.00	1.25	
5711		50		19.01	19.01	306.	213.	0.00	0.29		26.98	26.98	0.	1341.	0.00	1.18	
5712		50		19.01	19.01	1068.	953.	0.00	1.27		26.98	26.98	383.	1559.	0.00	1.39	
5713		50		19.01	19.01	675.	798.	0.00	1.05		26.98	26.98	0.	1514.	0.00	1.34	
5714		50		19.01	19.01	0.	139.	0.00	0.17		26.98	26.98	0.	1119.	0.00	0.99	
5724		50		19.01	19.01	2519.	269.	0.00	0.52		26.98	26.98	4692.	1149.	0.00	1.30	
5725		50		19.01	19.01	314.	246.	0.00	0.33		26.98	26.98	5539.	608.	0.00	0.81	
5726		50		19.01	19.01	410.	258.	0.00	0.35		26.98	26.98	5118.	303.	0.00	0.50	
5727		50		19.01	19.01	1522.	404.	0.00	0.61		26.98	26.98	107.	1182.	0.00	1.05	
5728		50		19.01	19.01	0.	385.	0.00	0.48		26.98	26.98	0.	634.	0.00	0.56	
5729		50		19.01	19.01	264.	110.	0.00	0.17		26.98	26.98	0.	552.	0.00	0.49	
5730		50		19.01	19.01	0.	613.	0.00	0.77		26.98	26.98	0.	926.	0.00	0.82	
5731		50		19.01	19.01	0.	572.	0.00	0.72		26.98	26.98	0.	721.	0.00	0.64	
5732		50		19.01	19.01	0.	324.	0.00	0.41		26.98	26.98	0.	766.	0.00	0.68	
5733		50		19.01	19.01	0.	773.	0.00	0.97		26.98	26.98	0.	672.	0.00	0.59	
5734		50		19.01	19.01	0.	649.	0.00	0.81		26.98	26.98	312.	979.	0.00	0.88	
5735		50		19.01	19.01	69.	529.	0.00	0.67		26.98	26.98	674.	973.	0.00	0.89	
5736		50		19.01	19.01	0.	670.	0.00	0.84		26.98	26.98	2443.	982.	0.00	0.98	
5737		50		19.01	19.01	0.	624.	0.00	0.78		26.98	26.98	2434.	1156.	0.00	1.14	
5745		50		19.01	19.01	240.	411.	0.00	0.53		26.98	26.98	0.	555.	0.00	0.49	
5746		50		19.01	19.01	1198.	466.	0.00	0.66		26.98	26.98	2070.	250.	0.00	0.33	
5747		50		19.01	19.01	745.	311.	0.00	0.44		26.98	26.98	3405.	156.	0.00	0.29	
5748		50		19.01	19.01	101.	383.	0.00	0.49		26.98	26.98	0.	395.	0.00	0.35	
5749		50		19.01	19.01	1456.	474.	0.00	0.69		26.98	26.98	0.	411.	0.00	0.36	
5750		50		19.01	19.01	496.	227.	0.00	0.34		26.98	26.98	0.	424.	0.00	0.37	
5751		50		19.01	19.01	296.	390.	0.00	0.51		26.98	26.98	0.	587.	0.00	0.52	
5752		50		19.01	19.01	1126.	468.	0.00	0.66		26.98	26.98	0.	430.	0.00	0.38	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5753		50		19.01	19.01	431.	142.	0.00	0.21		26.98	26.98	0.	348.	0.00	0.31	
5754		50		19.01	19.01	620.	557.	0.00	0.74		26.98	26.98	0.	778.	0.00	0.69	
5755		50		19.01	19.01	821.	438.	0.00	0.60		26.98	26.98	0.	499.	0.00	0.44	
5756		50		19.01	19.01	348.	-17.	0.01	0.07		26.98	26.98	930.	320.	0.00	0.33	
5758		50		19.01	19.01	775.	343.	0.00	0.48		26.98	26.98	2760.	591.	0.00	0.65	
5759		50		19.01	19.01	146.	89.	0.00	0.12		26.98	26.98	5902.	387.	0.00	0.61	
5760		50		19.01	19.01	4936.	840.	0.00	1.40		26.98	26.98	2035.	764.	0.00	0.77	
5763		50		19.01	19.01	4615.	883.	0.00	1.43		26.98	26.98	0.	1074.	0.00	0.95	
5764		50		19.01	19.01	1278.	944.	0.00	1.27		26.98	26.98	0.	747.	0.00	0.66	
5765		50		19.01	19.01	0.	670.	0.00	0.84		26.98	26.98	0.	586.	0.00	0.52	
5767		50		19.01	19.01	703.	914.	0.00	1.19		26.98	26.98	0.	1174.	0.00	1.03	
5768		50		19.01	19.01	0.	627.	0.00	0.78		26.98	26.98	0.	1047.	0.00	0.92	
5772		50		19.01	19.01	0.	390.	0.00	0.49		26.98	26.98	0.	598.	0.00	0.53	
5773		50		19.01	19.01	1486.	608.	0.00	0.86		26.98	26.98	0.	1088.	0.00	0.96	
5774		50		19.01	19.01	1431.	919.	0.00	1.25		26.98	26.98	0.	1779.	0.00	1.57	
5775		50		19.01	19.01	0.	403.	0.00	0.50		26.98	26.98	0.	1174.	0.00	1.04	
5776		50		19.01	19.01	1293.	596.	0.00	0.83		26.98	26.98	0.	1577.	0.00	1.39	
5777		50		19.01	19.01	2121.	609.	0.00	0.90		26.98	26.98	0.	2077.	0.00	1.83	
5778		50		19.01	19.01	0.	-58.	0.01	0.02		26.98	26.98	0.	-1185.	0.13	-0.13	
5779		50		19.01	19.01	0.	81.	0.00	0.10		26.98	26.98	0.	-1185.	0.13	-0.13	
5780		50		19.01	19.01	0.	-41.	0.00	0.04		26.98	26.98	0.	-1208.	0.13	-0.13	
5781		50		19.01	19.01	7.	85.	0.00	0.11		26.98	26.98	0.	-1208.	0.13	-0.13	
5782		50		19.01	19.01	22.	55.	0.00	0.07		26.98	26.98	0.	-1191.	0.13	-0.13	
5783		50		19.01	19.01	23.	115.	0.00	0.15		26.98	26.98	0.	-1191.	0.13	-0.13	
5785		50		41.18	41.18	525.	309.	0.00	0.19		26.98	26.98	6854.	788.	0.00	1.02	
5786		50		41.18	41.18	451.	547.	0.00	0.33		19.01	19.01	8276.	795.	0.00	1.56	
5787		50		41.18	41.18	1041.	561.	0.00	0.36		26.98	26.98	9678.	883.	0.00	1.24	
5789		50		41.18	41.18	408.	559.	0.00	0.34		26.98	26.98	2526.	892.	0.00	0.91	
5790		50		41.18	41.18	448.	718.	0.00	0.43		19.01	19.01	4003.	870.	0.00	1.37	
5791		50		41.18	41.18	307.	565.	0.00	0.34		26.98	26.98	5633.	827.	0.00	0.99	
5792		50		19.01	19.01	257.	238.	0.00	0.31		26.98	26.98	5939.	952.	0.00	1.12	
5793		50		19.01	19.01	176.	336.	0.00	0.43		26.98	26.98	5566.	887.	0.00	1.04	
5795		50		19.01	19.01	557.	242.	0.00	0.34		26.98	26.98	6607.	920.	0.00	1.12	
5797		50		41.18	41.18	0.	243.	0.00	0.14		19.01	19.01	1487.	157.	0.00	0.29	
5798		50		41.18	41.18	0.	157.	0.00	0.09		19.01	19.01	1072.	313.	0.00	0.46	
5799		50		41.18	41.18	0.	370.	0.00	0.21		19.01	19.01	1498.	180.	0.00	0.32	
5801		50		41.18	41.18	397.	260.	0.00	0.16		26.98	26.98	1658.	149.	0.00	0.21	
5802		50		41.18	41.18	0.	189.	0.00	0.11		19.01	19.01	1253.	300.	0.00	0.46	
5803		50		41.18	41.18	0.	149.	0.00	0.09		19.01	19.01	1620.	168.	0.00	0.31	
5804		50		19.01	19.01	517.	850.	0.00	1.10		26.98	26.98	0.	1718.	0.00	1.51	
5805		50		19.01	19.01	0.	995.	0.00	1.25		26.98	26.98	0.	1745.	0.00	1.54	
5807		50		19.01	19.01	470.	1118.	0.00	1.43		26.98	26.98	0.	2133.	0.00	1.88	
5808		50		19.01	19.01	0.	472.	0.00	0.59		26.98	26.98	0.	1283.	0.00	1.13	
5809		50		19.01	19.01	0.	788.	0.00	0.99		26.98	26.98	0.	1246.	0.00	1.10	
5811		50		19.01	19.01	0.	898.	0.00	1.12		26.98	26.98	0.	1609.	0.00	1.42	
5812		50		19.01	19.01	0.	349.	0.00	0.44		26.98	26.98	485.	735.	0.00	0.67	
5813		50		19.01	19.01	0.	608.	0.00	0.76		26.98	26.98	885.	607.	0.00	0.58	
5815		50		19.01	19.01	0.	694.	0.00	0.87		26.98	26.98	184.	990.	0.00	0.88	
5817		50		41.18	41.18	0.	912.	0.00	0.53		26.98	26.98	1874.	1146.	0.00	1.10	
5818		50		41.18	41.18	0.	1038.	0.00	0.60		19.01	19.01	1314.	1262.	0.00	1.67	
5819		50		41.18	41.18	0.	936.	0.00	0.54		26.98	26.98	1190.	1205.	0.00	1.12	
5821		50		41.18	41.18	0.	771.	0.00	0.45		26.98	26.98	2961.	846.	0.00	0.89	
5822		50		41.18	41.18	0.	895.	0.00	0.52		19.01	19.01	2437.	843.	0.00	1.23	
5823		50		41.18	41.18	0.	854.	0.00	0.49		26.98	26.98	2369.	922.	0.00	0.92	
5824		50		19.01	19.01	795.	445.	0.00	0.61		26.98	26.98	2180.	1225.	0.00	1.19	
5825		50		19.01	19.01	906.	623.	0.00	0.84		26.98	26.98	2111.	1306.	0.00	1.25	
5827		50		19.01	19.01	716.	534.	0.00	0.72		26.98	26.98	2240.	1207.	0.00	1.17	
5828		50		19.01	19.01	671.	365.	0.00	0.50		26.98	26.98	0.	760.	0.00	0.67	
5829		50		19.01	19.01	1121.	442.	0.00	0.63		26.98	26.98	0.	686.	0.00	0.61	
5831		50		19.01	19.01	1047.	528.	0.00	0.73		26.98	26.98	0.	1028.	0.00	0.91	
5834		50		19.01	19.01	634.	863.	0.00	1.12		26.98	26.98	0.	441.	0.00	0.39	
5835		50		19.01	19.01	2638.	877.	0.00	1.28		26.98	26.98	0.	454.	0.00	0.40	
5837		50		19.01	19.01	0.	708.	0.00	0.89		26.98	26.98	0.	137.	0.00	0.12	
5838		50		19.01	19.01	0.	541.	0.00	0.68		26.98	26.98	0.	340.	0.00	0.30	
5841		50		19.01	19.01	210.	261.	0.00	0.34		26.98	26.98	0.	264.	0.00	0.23	
5842		50		19.01	19.01	0.	168.	0.00	0.21		26.98	26.98	0.	-103.	0.01	-0.01	
5843		50		19.01	19.01	0.	223.	0.00	0.28		26.98	26.98	0.	-171.	0.02	-0.02	
5845		50		19.01	19.01	1514.	421.	0.00	0.63		26.98	26.98	0.	631.	0.00	0.56	
5846		50		19.01	19.01	856.	92.	0.00	0.17		26.98	26.98	0.	356.	0.00	0.31	
5847		50		19.01	19.01	297.	113.	0.00	0.16		26.98	26.98	0.	455.	0.00	0.40	
5849		50		19.01	19.01	1471.	956.	0.00	1.30		26.98	26.98	2312.	1038.	0.00	1.03	
5850		50		19.01	19.01	1758.	935.	0.00	1.29		26.98	26.98	0.	556.	0.00	0.49	
5851		50		19.01	19.01	1249.	948.	0.00	1.27		26.98	26.98	0.	820.	0.00	0.72	
8392		50		19.01	19.01	3443.	888.	0.00	1.35		26.98	26.98	0.	1245.	0.00	1.10	
8393		50		19.01	19.01	2405.	893.	0.00	1.29		26.98	26.98	0.	1082.	0.00	0.95	
8394		50		19.01	19.01	3176.	806.	0.00	1.23		26.98	26.98	0.	1240.	0.00	1.09	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8396		50		19.01	19.01	0.	880.	0.00	1.10		26.98	26.98	0.	342.	0.00	0.30	
8719		50		41.18	41.18	718.	487.	0.00	0.30		19.01	19.01	2661.	801.	0.00	1.19	
8720		50		41.18	41.18	993.	300.	0.00	0.20		19.01	19.01	2525.	728.	0.00	1.08	
8721		50		41.18	41.18	273.	667.	0.00	0.39		19.01	19.01	1892.	621.	0.00	0.90	
8722		50		41.18	41.18	1274.	221.	0.00	0.17		19.01	19.01	1720.	540.	0.00	0.79	

		SUPERIORE ORIZZONTALE								SUPERIORE VERTICALE							
GUSCI		spess		Af	Afc	Mom	Nor	epsC	epsF		Af	Afc	Mom	Nor	epsC	epsF	
1404		50		19.01	19.01	2028.	103.	0.00	0.26		19.01	19.01	17.	321.	0.00	0.40	
1405		50		19.01	19.01	596.	271.	0.00	0.38		19.01	19.01	0.	299.	0.00	0.37	
1406		50		19.01	19.01	0.	261.	0.00	0.33		19.01	19.01	0.	269.	0.00	0.34	
1407		50		19.01	19.01	0.	203.	0.00	0.25		19.01	19.01	430.	193.	0.00	0.27	
1408		50		19.01	19.01	424.	146.	0.00	0.21		19.01	19.01	1001.	109.	0.00	0.21	
1409		50		19.01	19.01	941.	143.	0.00	0.24		19.01	19.01	503.	101.	0.00	0.16	
1410		50		19.01	19.01	1741.	176.	0.00	0.34		19.01	19.01	42.	125.	0.00	0.16	
1411		50		19.01	19.01	1829.	280.	0.00	0.47		19.01	19.01	904.	160.	0.00	0.26	
1412		50		19.01	19.01	280.	361.	0.00	0.47		19.01	19.01	2620.	174.	0.00	0.39	
1413		50		19.01	19.01	102.	414.	0.00	0.53		19.01	19.01	3652.	165.	0.00	0.44	
1414		50		19.01	19.01	27.	429.	0.00	0.54		19.01	19.01	3859.	108.	0.06	0.39	
1415		50		19.01	19.01	229.	432.	0.00	0.56		19.01	19.01	3920.	17.	0.08	0.27	
1416		50		19.01	19.01	425.	426.	0.00	0.56		19.01	19.01	3653.	-74.	0.09	0.25	
1417		50		19.01	19.01	601.	413.	0.00	0.56		19.01	19.01	2828.	163.	0.04	0.39	
1418		50		19.01	19.01	772.	396.	0.00	0.55		19.01	19.01	2439.	265.	0.00	0.49	
1419		50		19.01	19.01	1007.	378.	0.00	0.54		19.01	19.01	2201.	237.	0.00	0.44	
1420		50		19.01	19.01	1479.	159.	0.05	0.29		19.01	19.01	1117.	5.	0.02	0.11	
1421		50		19.01	19.01	769.	367.	0.00	0.51		19.01	19.01	363.	330.	0.00	0.44	
1422		50		19.01	19.01	207.	237.	0.01	0.31		19.01	19.01	813.	399.	0.00	0.55	
1423		50		19.01	19.01	0.	366.	0.00	0.46		19.01	19.01	1738.	378.	0.00	0.59	
1424		50		19.01	19.01	0.	388.	0.00	0.49		19.01	19.01	2368.	348.	0.00	0.59	
1425		50		19.01	19.01	0.	463.	0.00	0.58		19.01	19.01	2698.	312.	0.00	0.57	
1426		50		19.01	19.01	65.	476.	0.00	0.60		19.01	19.01	2335.	279.	0.00	0.50	
1427		50		19.01	19.01	119.	490.	0.00	0.62		19.01	19.01	2360.	180.	0.00	0.40	
1428		50		19.01	19.01	263.	498.	0.00	0.64		19.01	19.01	1745.	141.	0.00	0.29	
1429		50		19.01	19.01	265.	529.	0.00	0.68		19.01	19.01	1376.	94.	0.00	0.21	
1430		50		19.01	19.01	311.	586.	0.00	0.77		19.01	19.01	0.	456.	0.00	0.57	
1431		50		19.01	19.01	1283.	689.	0.00	0.96		19.01	19.01	304.	484.	0.00	0.65	
1432		50		19.01	19.01	11555.	889.	0.05	2.81		19.01	19.01	0.	548.	0.00	0.69	
1433		50		19.01	19.01	10127.	815.	0.00	1.72		19.01	19.01	319.	596.	0.00	0.77	
1434		50		19.01	19.01	476.	562.	0.00	0.75		19.01	19.01	811.	448.	0.00	0.61	
1435		50		19.01	19.01	292.	356.	0.00	0.49		19.01	19.01	1042.	122.	0.00	0.22	
1436		50		19.01	19.01	512.	296.	0.00	0.40		19.01	19.01	1762.	99.	0.00	0.24	
1437		50		19.01	19.01	400.	284.	0.00	0.38		19.01	19.01	2371.	112.	0.00	0.29	
1438		50		19.01	19.01	797.	310.	0.00	0.44		19.01	19.01	3735.	114.	0.00	0.38	
1439		50		19.01	19.01	721.	259.	0.00	0.37		19.01	19.01	4598.	109.	0.00	0.43	
1440		50		19.01	19.01	1053.	219.	0.00	0.34		19.01	19.01	5188.	96.	0.02	0.46	
1441		50		19.01	19.01	967.	205.	0.00	0.32		19.01	19.01	5471.	78.	0.05	0.45	
1442		50		19.01	19.01	1091.	191.	0.00	0.31		19.01	19.01	5189.	69.	0.05	0.42	
1443		50		19.01	19.01	1204.	175.	0.00	0.30		19.01	19.01	4624.	68.	0.04	0.38	
1444		50		19.01	19.01	1072.	159.	0.00	0.27		19.01	19.01	3772.	87.	0.00	0.35	
1445		50		19.01	19.01	1465.	150.	0.00	0.31		19.01	19.01	3041.	96.	0.00	0.32	
1508		50		41.18	19.01	2199.	23.	0.04	0.17		19.01	19.01	0.	24.	0.00	0.03	
1511		50		19.01	19.01	2733.	33.	0.06	0.22		19.01	19.01	0.	272.	0.00	0.34	
1512		50		19.01	19.01	2429.	87.	0.00	0.28		19.01	19.01	241.	267.	0.00	0.36	
1513		50		41.18	19.01	1645.	182.	0.00	0.35		19.01	19.01	0.	90.	0.00	0.11	
1514		50		19.01	19.01	1662.	232.	0.00	0.40		19.01	19.01	199.	202.	0.00	0.27	
1515		50		19.01	19.01	1286.	230.	0.00	0.37		19.01	19.01	0.	276.	0.00	0.34	
1516		50		19.01	19.01	934.	209.	0.00	0.32		19.01	19.01	0.	283.	0.00	0.35	
1517		50		19.01	19.01	672.	249.	0.00	0.36		19.01	19.01	0.	284.	0.00	0.36	
1518		50		41.18	19.01	635.	338.	0.00	0.46		19.01	19.01	0.	276.	0.00	0.35	
1519		50		41.18	41.18	0.	481.	0.00	0.55		19.01	19.01	0.	573.	0.00	0.72	
1520		50		41.18	41.18	266.	639.	0.00	0.58		19.01	19.01	0.	691.	0.00	0.86	
1521		50		19.01	19.01	183.	357.	0.00	0.46		19.01	19.01	0.	339.	0.00	0.42	
1522		50		19.01	19.01	0.	409.	0.00	0.51		19.01	19.01	0.	489.	0.00	0.61	
1523		50		19.01	19.01	0.	340.	0.00	0.43		19.01	19.01	279.	541.	0.00	0.70	
1524		50		19.01	19.01	0.	291.	0.00	0.36		19.01	19.01	0.	334.	0.00	0.42	
1525		50		19.01	19.01	0.	270.	0.00	0.34		19.01	19.01	0.	395.	0.00	0.49	
1526		50		19.01	19.01	0.	153.	0.00	0.19		19.01	19.01	63.	406.	0.00	0.51	
1527		50		19.01	19.01	0.	235.	0.00	0.29		19.01	19.01	0.	303.	0.00	0.38	
1528		50		19.01	19.01	0.	206.	0.00	0.26		19.01	19.01	0.	318.	0.00	0.40	
1529		50		19.01	19.01	0.	110.	0.00	0.14		19.01	19.01	0.	300.	0.00	0.38	
1530		50		19.01	19.01	0.	240.	0.00	0.30		19.01	19.01	0.	284.	0.00	0.36	
1531		50		19.01	19.01	0.	195.	0.00	0.24		19.01	19.01	0.	264.	0.00	0.33	
1532		50		19.01	19.01	300.	119.	0.00	0.17		19.01	19.01	0.	184.	0.00	0.23	
1533		50		41.18	41.18	456.	537.	0.00	0.32		19.01	19.01	0.	707.	0.00	0.89	
1535		50		19.01	19.01	1320.	60.	0.00	0.20		19.01	19.01	288.	547.	0.00	0.70	
1537		50		19.01	19.01	1124.	30.	0.00	0.11		19.01	19.01	410.	420.	0.00	0.55	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1538		50		19.01	19.01	3872.	46.	0.04	0.31		19.01	19.01	443.	425.	0.00	0.56	
1539		50		19.01	19.01	1053.	32.	0.00	0.11		19.01	19.01	240.	286.	0.00	0.37	
1540		50		19.01	19.01	3137.	65.	0.00	0.28		19.01	19.01	538.	289.	0.00	0.40	
1541		50		19.01	19.01	987.	117.	0.00	0.21		19.01	19.01	208.	165.	0.00	0.22	
1542		50		19.01	19.01	1925.	153.	0.00	0.32		19.01	19.01	325.	185.	0.00	0.25	
1544		50		41.18	41.18	0.	692.	0.00	0.40		19.01	19.01	0.	711.	0.00	0.89	
1546		50		19.01	19.01	0.	164.	0.00	0.21		19.01	19.01	0.	550.	0.00	0.69	
1547		50		19.01	19.01	3167.	82.	0.00	0.31		19.01	19.01	352.	353.	0.00	0.47	
1548		50		19.01	19.01	0.	237.	0.00	0.30		19.01	19.01	0.	414.	0.00	0.52	
1549		50		19.01	19.01	3094.	128.	0.00	0.36		19.01	19.01	584.	231.	0.00	0.33	
1550		50		19.01	19.01	0.	296.	0.00	0.37		19.01	19.01	0.	292.	0.00	0.37	
1551		50		19.01	19.01	2257.	239.	0.00	0.45		19.01	19.01	980.	214.	0.00	0.33	
1552		50		19.01	19.01	193.	335.	0.00	0.43		19.01	19.01	979.	172.	0.00	0.28	
1553		50		41.18	41.18	0.	1047.	0.00	0.84		19.01	19.01	0.	735.	0.00	0.92	
1554		50		41.18	41.18	0.	852.	0.00	0.67		19.01	19.01	0.	707.	0.00	0.89	
1555		50		41.18	41.18	0.	736.	0.00	0.83		19.01	19.01	0.	657.	0.00	0.82	
1556		50		41.18	41.18	0.	608.	0.00	0.72		19.01	19.01	0.	501.	0.00	0.63	
1557		50		41.18	41.18	0.	497.	0.00	0.62		19.01	19.01	0.	306.	0.00	0.38	
1558		50		41.18	41.18	0.	421.	0.00	0.53		19.01	19.01	0.	172.	0.00	0.22	
1559		50		19.01	19.01	0.	388.	0.00	0.49		19.01	19.01	0.	607.	0.00	0.76	
1560		50		19.01	19.01	0.	334.	0.00	0.42		19.01	19.01	0.	614.	0.00	0.77	
1561		50		19.01	19.01	0.	539.	0.00	0.68		19.01	19.01	0.	609.	0.00	0.76	
1562		50		19.01	19.01	0.	539.	0.00	0.67		19.01	19.01	0.	494.	0.00	0.62	
1563		50		19.01	19.01	0.	480.	0.00	0.60		19.01	19.01	0.	319.	0.00	0.40	
1564		50		19.01	19.01	0.	463.	0.00	0.58		19.01	19.01	0.	151.	0.00	0.19	
1565		50		19.01	19.01	0.	309.	0.00	0.39		19.01	19.01	0.	477.	0.00	0.60	
1566		50		19.01	19.01	0.	337.	0.00	0.42		19.01	19.01	0.	497.	0.00	0.62	
1567		50		19.01	19.01	0.	141.	0.00	0.18		19.01	19.01	0.	510.	0.00	0.64	
1568		50		19.01	19.01	0.	144.	0.00	0.18		19.01	19.01	0.	501.	0.00	0.63	
1569		50		19.01	19.01	0.	129.	0.00	0.16		19.01	19.01	0.	457.	0.00	0.57	
1570		50		19.01	19.01	0.	375.	0.00	0.47		19.01	19.01	0.	346.	0.00	0.43	
1571		50		19.01	19.01	0.	383.	0.00	0.48		19.01	19.01	0.	359.	0.00	0.45	
1572		50		19.01	19.01	0.	415.	0.00	0.52		19.01	19.01	0.	388.	0.00	0.49	
1573		50		19.01	19.01	0.	401.	0.00	0.50		19.01	19.01	0.	413.	0.00	0.52	
1574		50		19.01	19.01	0.	353.	0.00	0.44		19.01	19.01	0.	422.	0.00	0.53	
1575		50		19.01	19.01	0.	346.	0.00	0.43		19.01	19.01	0.	421.	0.00	0.53	
1576		50		19.01	19.01	0.	82.	0.00	0.10		19.01	19.01	0.	413.	0.00	0.52	
1577		50		19.01	19.01	0.	406.	0.00	0.51		19.01	19.01	1250.	67.	0.00	0.17	
1578		50		19.01	19.01	0.	425.	0.00	0.53		19.01	19.01	832.	181.	0.00	0.28	
1579		50		19.01	19.01	0.	433.	0.00	0.54		19.01	19.01	519.	282.	0.00	0.39	
1580		50		19.01	19.01	38.	428.	0.00	0.54		19.01	19.01	505.	340.	0.00	0.46	
1581		50		19.01	19.01	284.	418.	0.00	0.54		19.01	19.01	695.	357.	0.00	0.49	
1582		50		19.01	19.01	554.	387.	0.00	0.52		19.01	19.01	914.	367.	0.00	0.52	
1583		50		41.18	41.18	0.	716.	0.00	0.41		19.01	19.01	203.	239.	0.00	0.31	
1584		50		41.18	41.18	0.	828.	0.00	0.48		19.01	19.01	189.	430.	0.00	0.55	
1585		50		41.18	41.18	0.	984.	0.00	0.57		19.01	19.01	202.	726.	0.00	0.92	
1586		50		41.18	41.18	0.	1173.	0.00	0.68		19.01	19.01	370.	928.	0.00	1.19	
1587		50		41.18	41.18	0.	1389.	0.00	0.80		19.01	19.01	511.	1064.	0.00	1.37	
1588		50		41.18	41.18	0.	1635.	0.00	0.94		19.01	19.01	770.	1129.	0.00	1.47	
1589		50		19.01	19.01	0.	756.	0.00	0.95		19.01	19.01	0.	393.	0.00	0.49	
1590		50		19.01	19.01	0.	814.	0.00	1.02		19.01	19.01	0.	617.	0.00	0.77	
1591		50		19.01	19.01	0.	903.	0.00	1.13		19.01	19.01	0.	775.	0.00	0.97	
1592		50		19.01	19.01	0.	996.	0.00	1.25		19.01	19.01	0.	876.	0.00	1.10	
1593		50		19.01	19.01	0.	1077.	0.00	1.35		19.01	19.01	0.	938.	0.00	1.17	
1594		50		19.01	19.01	0.	1062.	0.00	1.33		19.01	19.01	0.	936.	0.00	1.17	
1595		50		19.01	19.01	0.	713.	0.00	0.89		19.01	19.01	0.	561.	0.00	0.70	
1596		50		19.01	19.01	0.	730.	0.00	0.91		19.01	19.01	0.	622.	0.00	0.78	
1597		50		19.01	19.01	0.	729.	0.00	0.91		19.01	19.01	0.	678.	0.00	0.85	
1598		50		19.01	19.01	0.	642.	0.00	0.80		19.01	19.01	0.	715.	0.00	0.90	
1599		50		19.01	19.01	0.	418.	0.00	0.52		19.01	19.01	0.	728.	0.00	0.91	
1600		50		19.01	19.01	0.	232.	0.00	0.29		19.01	19.01	0.	702.	0.00	0.88	
1601		50		19.01	19.01	0.	529.	0.00	0.66		19.01	19.01	0.	530.	0.00	0.66	
1602		50		19.01	19.01	0.	520.	0.00	0.65		19.01	19.01	0.	546.	0.00	0.68	
1603		50		19.01	19.01	0.	264.	0.00	0.33		19.01	19.01	0.	552.	0.00	0.69	
1604		50		19.01	19.01	0.	227.	0.00	0.28		19.01	19.01	0.	545.	0.00	0.68	
1605		50		19.01	19.01	0.	305.	0.00	0.38		19.01	19.01	0.	528.	0.00	0.66	
1606		50		19.01	19.01	0.	425.	0.00	0.53		19.01	19.01	0.	489.	0.00	0.61	
1607		50		19.01	19.01	0.	196.	0.00	0.25		19.01	19.01	0.	474.	0.00	0.59	
1608		50		19.01	19.01	0.	201.	0.00	0.25		19.01	19.01	0.	458.	0.00	0.57	
1609		50		19.01	19.01	0.	392.	0.00	0.49		19.01	19.01	0.	436.	0.00	0.55	
1610		50		19.01	19.01	0.	478.	0.00	0.60		19.01	19.01	514.	354.	0.00	0.49	
1611		50		19.01	19.01	0.	489.	0.00	0.61		19.01	19.01	886.	260.	0.00	0.42	
1612		50		19.01	19.01	0.	498.	0.00	0.62		19.01	19.01	533.	259.	0.00	0.36	
1613		50		41.18	41.18	2533.	411.	0.00	0.32		19.01	19.01	662.	863.	0.00	1.13	
1616		50		41.18	41.18	0.	339.	0.00	0.20		19.01	19.01	252.	459.	0.00	0.59	
1617		50		41.18	41.18	0.	381.	0.00	0.22		19.01	19.01	214.	412.	0.00	0.53	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1618		50		41.18	41.18	0.	541.	0.00	0.31		19.01	19.01	610.	521.	0.00	0.69	
1619		50		19.01	19.01	1163.	208.	0.00	0.34		19.01	19.01	0.	709.	0.00	0.89	
1620		50		19.01	19.01	317.	298.	0.00	0.39		19.01	19.01	0.	659.	0.00	0.83	
1621		50		19.01	19.01	0.	372.	0.00	0.47		19.01	19.01	0.	506.	0.00	0.63	
1622		50		19.01	19.01	0.	424.	0.00	0.53		19.01	19.01	0.	349.	0.00	0.44	
1623		50		19.01	19.01	0.	419.	0.00	0.52		19.01	19.01	0.	343.	0.00	0.43	
1624		50		19.01	19.01	0.	259.	0.00	0.32		19.01	19.01	0.	405.	0.00	0.51	
1625		50		19.01	19.01	0.	350.	0.00	0.44		19.01	19.01	0.	525.	0.00	0.66	
1626		50		19.01	19.01	0.	410.	0.00	0.51		19.01	19.01	0.	483.	0.00	0.61	
1627		50		19.01	19.01	0.	428.	0.00	0.54		19.01	19.01	0.	356.	0.00	0.45	
1628		50		19.01	19.01	0.	434.	0.00	0.54		19.01	19.01	0.	216.	0.00	0.27	
1629		50		19.01	19.01	0.	374.	0.00	0.47		19.01	19.01	0.	181.	0.00	0.23	
1630		50		19.01	19.01	0.	357.	0.00	0.45		19.01	19.01	0.	206.	0.00	0.26	
1631		50		19.01	19.01	134.	369.	0.00	0.47		19.01	19.01	1038.	431.	0.00	0.61	
1632		50		19.01	19.01	0.	392.	0.00	0.49		19.01	19.01	567.	257.	0.00	0.36	
1633		50		19.01	19.01	0.	409.	0.00	0.51		19.01	19.01	0.	236.	0.00	0.30	
1634		50		19.01	19.01	0.	354.	0.00	0.44		19.01	19.01	0.	182.	0.00	0.23	
1635		50		19.01	19.01	0.	275.	0.00	0.34		19.01	19.01	0.	119.	0.00	0.15	
1636		50		19.01	19.01	0.	292.	0.00	0.37		19.01	19.01	0.	93.	0.00	0.12	
1637		50		19.01	19.01	84.	364.	0.00	0.46		19.01	19.01	2579.	407.	0.00	0.68	
1638		50		19.01	19.01	192.	328.	0.00	0.42		19.01	19.01	2351.	222.	0.00	0.43	
1639		50		19.01	19.01	238.	323.	0.00	0.42		19.01	19.01	2296.	43.	0.00	0.22	
1640		50		19.01	19.01	378.	307.	0.00	0.41		19.01	19.01	2156.	64.	0.00	0.22	
1641		50		19.01	19.01	373.	250.	0.00	0.34		19.01	19.01	1985.	89.	0.00	0.24	
1642		50		19.01	19.01	582.	160.	0.00	0.24		19.01	19.01	1892.	91.	0.00	0.24	
1643		50		41.18	41.18	646.	311.	0.00	0.42		19.01	19.01	0.	140.	0.00	0.18	
1646		50		41.18	41.18	329.	631.	0.00	0.38		19.01	19.01	291.	129.	0.00	0.18	
1647		50		19.01	19.01	635.	359.	0.00	0.49		19.01	19.01	0.	38.	0.00	0.05	
1648		50		19.01	19.01	2246.	284.	0.00	0.50		19.01	19.01	0.	52.	0.00	0.06	
1649		50		19.01	19.01	2291.	459.	0.00	0.74		19.01	19.01	98.	23.	0.00	0.03	
1650		50		19.01	19.01	308.	687.	0.00	0.88		19.01	19.01	0.	226.	0.00	0.28	
1651		50		19.01	19.01	102.	85.	0.00	0.11		19.01	19.01	0.	238.	0.00	0.30	
1652		50		19.01	19.01	3381.	391.	0.00	0.71		19.01	19.01	0.	134.	0.01	0.17	
1653		50		19.01	19.01	2698.	500.	0.00	0.80		19.01	19.01	43.	316.	0.00	0.40	
1654		50		19.01	19.01	0.	662.	0.00	0.83		19.01	19.01	0.	495.	0.00	0.62	
1655		50		19.01	19.01	838.	340.	0.00	0.48		19.01	19.01	0.	296.	0.00	0.37	
1656		50		19.01	19.01	3159.	365.	0.00	0.66		19.01	19.01	71.	66.	0.00	0.09	
1657		50		19.01	19.01	2229.	477.	0.00	0.74		19.01	19.01	0.	376.	0.00	0.47	
1658		50		19.01	19.01	0.	548.	0.00	0.69		19.01	19.01	0.	512.	0.00	0.64	
1659		50		19.01	19.01	1052.	384.	0.00	0.55		19.01	19.01	912.	272.	0.00	0.40	
1660		50		19.01	19.01	1630.	267.	0.05	0.44		19.01	19.01	448.	95.	0.02	0.15	
1661		50		19.01	19.01	1454.	392.	0.00	0.60		19.01	19.01	0.	381.	0.00	0.48	
1662		50		19.01	19.01	0.	181.	0.00	0.23		19.01	19.01	0.	482.	0.00	0.60	
1663		50		41.18	41.18	797.	1080.	0.00	0.65		19.01	19.01	1605.	1104.	0.00	1.49	
1664		50		41.18	41.18	1753.	947.	0.00	0.60		19.01	19.01	2730.	941.	0.00	1.37	
1665		50		41.18	41.18	2858.	820.	0.00	0.56		19.01	19.01	3861.	887.	0.00	1.38	
1666		50		41.18	41.18	6433.	664.	0.00	0.58		19.01	19.01	4311.	888.	0.00	1.41	
1667		50		19.01	19.01	139.	634.	0.00	0.80		19.01	19.01	0.	893.	0.00	1.12	
1668		50		19.01	19.01	1613.	491.	0.00	0.72		19.01	19.01	337.	777.	0.00	1.01	
1669		50		19.01	19.01	3687.	402.	0.00	0.74		19.01	19.01	542.	852.	0.00	1.10	
1670		50		19.01	19.01	6655.	354.	0.08	0.88		19.01	19.01	341.	865.	0.00	1.11	
1671		50		19.01	19.01	342.	209.	0.00	0.29		19.01	19.01	0.	659.	0.00	0.82	
1672		50		19.01	19.01	1406.	157.	0.00	0.32		19.01	19.01	592.	730.	0.00	0.95	
1673		50		19.01	19.01	3856.	131.	0.00	0.43		19.01	19.01	1212.	808.	0.00	1.10	
1674		50		19.01	19.01	7945.	66.	0.18	0.60		19.01	19.01	1242.	816.	0.00	1.11	
1675		50		19.01	19.01	0.	440.	0.00	0.55		19.01	19.01	459.	407.	0.00	0.54	
1676		50		19.01	19.01	491.	400.	0.00	0.53		19.01	19.01	1094.	680.	0.00	0.92	
1677		50		19.01	19.01	3511.	300.	0.00	0.63		19.01	19.01	1816.	780.	0.00	1.10	
1678		50		19.01	19.01	9406.	329.	0.10	1.02		19.01	19.01	2082.	775.	0.00	1.11	
1679		50		19.01	19.01	0.	515.	0.00	0.65		19.01	19.01	1501.	351.	0.00	0.54	
1680		50		19.01	19.01	126.	545.	0.00	0.69		19.01	19.01	1933.	650.	0.00	0.94	
1681		50		19.01	19.01	1952.	547.	0.00	0.85		19.01	19.01	2375.	713.	0.00	1.05	
1682		50		19.01	19.01	10801.	652.	0.00	1.54		19.01	19.01	2458.	703.	0.00	1.05	
1683		50		41.18	41.18	4876.	379.	0.00	0.37		19.01	19.01	3709.	847.	0.00	1.32	
1684		50		41.18	41.18	3474.	376.	0.00	0.32		19.01	19.01	1947.	861.	0.00	1.21	
1685		50		19.01	19.01	5865.	111.	0.03	0.52		19.01	19.01	0.	841.	0.00	1.05	
1686		50		19.01	19.01	2944.	113.	0.00	0.33		19.01	19.01	319.	768.	0.00	0.98	
1687		50		19.01	19.01	7465.	31.	0.15	0.52		19.01	19.01	1049.	774.	0.00	1.04	
1688		50		19.01	19.01	2167.	172.	0.00	0.38		19.01	19.01	794.	658.	0.00	0.88	
1689		50		19.01	19.01	9284.	114.	0.12	0.76		19.01	19.01	2102.	689.	0.00	1.00	
1690		50		19.01	19.01	1319.	366.	0.00	0.54		19.01	19.01	1870.	663.	0.00	0.95	
1691		50		19.01	19.01	10042.	558.	0.00	1.36		19.01	19.01	3046.	670.	0.00	1.04	
1692		50		19.01	19.01	697.	491.	0.00	0.66		19.01	19.01	3034.	675.	0.00	1.05	
1693		50		41.18	41.18	0.	648.	0.00	0.37		19.01	19.01	1408.	583.	0.00	0.82	
1694		50		41.18	41.18	0.	476.	0.00	0.28		19.01	19.01	1661.	580.	0.00	0.84	
1695		50		41.18	41.18	0.	355.	0.00	0.21		19.01	19.01	1894.	501.	0.00	0.75	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1696		50		41.18	19.01	0.	333.	0.00	0.29		19.01	19.01	71.	459.	0.00	0.58	
1697		50		41.18	19.01	0.	188.	0.00	0.24		19.01	19.01	1.	437.	0.00	0.55	
1698		50		41.18	19.01	0.	223.	0.00	0.20		19.01	19.01	213.	285.	0.00	0.37	
1699		50		19.01	19.01	0.	345.	0.00	0.43		19.01	19.01	0.	217.	0.00	0.27	
1700		50		19.01	19.01	0.	251.	0.00	0.31		19.01	19.01	0.	195.	0.00	0.24	
1701		50		19.01	19.01	0.	196.	0.00	0.25		19.01	19.01	0.	77.	0.00	0.10	
1702		50		19.01	19.01	0.	285.	0.00	0.36		19.01	19.01	0.	70.	0.00	0.09	
1703		50		19.01	19.01	0.	239.	0.00	0.30		19.01	19.01	0.	61.	0.00	0.08	
1704		50		19.01	19.01	0.	194.	0.00	0.24		19.01	19.01	0.	80.	0.00	0.10	
1705		50		19.01	19.01	380.	114.	0.00	0.19		19.01	19.01	2023.	87.	0.00	0.24	
1706		50		19.01	19.01	57.	126.	0.00	0.16		19.01	19.01	1923.	90.	0.00	0.24	
1707		50		19.01	19.01	144.	111.	0.00	0.15		19.01	19.01	1764.	102.	0.00	0.24	
1708		50		41.18	41.18	0.	172.	0.00	0.10		19.01	19.01	2270.	308.	0.00	0.53	
1709		50		41.18	19.01	666.	51.	0.00	0.12		19.01	19.01	785.	105.	0.00	0.18	
1710		50		19.01	19.01	519.	119.	0.00	0.19		19.01	19.01	0.	36.	0.00	0.04	
1711		50		19.01	19.01	0.	164.	0.00	0.21		19.01	19.01	0.	127.	0.00	0.16	
1712		50		19.01	19.01	553.	103.	0.00	0.17		19.01	19.01	1278.	135.	0.00	0.25	
1713		50		41.18	41.18	3158.	-18.	0.05	0.12		19.01	19.01	2449.	109.	0.00	0.29	
1714		50		41.18	19.01	3256.	73.	0.08	0.30		19.01	19.01	845.	40.	0.00	0.11	
1715		50		19.01	19.01	4653.	-5.	0.11	0.34		19.01	19.01	0.	91.	0.00	0.11	
1716		50		19.01	19.01	3395.	31.	0.05	0.27		19.01	19.01	0.	165.	0.00	0.21	
1717		50		19.01	19.01	1624.	100.	0.05	0.23		19.01	19.01	761.	160.	0.00	0.25	
2583		50		41.18	41.18	1687.	-12.	0.03	0.07		26.98	19.01	1482.	166.	0.00	0.31	
2584		50		41.18	41.18	1251.	145.	0.00	0.12		26.98	19.01	1308.	189.	0.00	0.32	
2585		50		41.18	41.18	1404.	43.	0.02	0.07		19.01	19.01	878.	38.	0.00	0.12	
2586		50		41.18	41.18	1458.	148.	0.00	0.13		19.01	19.01	923.	46.	0.00	0.14	
2587		50		41.18	41.18	662.	354.	0.00	0.22		26.98	19.01	1259.	182.	0.00	0.31	
2588		50		41.18	41.18	302.	551.	0.00	0.33		26.98	19.01	0.	535.	0.00	0.67	
2589		50		41.18	41.18	819.	335.	0.00	0.22		19.01	19.01	287.	124.	0.00	0.17	
2590		50		41.18	41.18	61.	515.	0.00	0.30		19.01	19.01	0.	524.	0.00	0.66	
2591		50		41.18	41.18	360.	685.	0.00	0.41		26.98	19.01	0.	994.	0.00	1.24	
2592		50		41.18	41.18	0.	599.	0.00	0.35		26.98	19.01	0.	1112.	0.00	1.39	
2593		50		41.18	41.18	424.	653.	0.00	0.39		19.01	19.01	0.	859.	0.00	1.08	
2594		50		41.18	41.18	0.	477.	0.00	0.28		19.01	19.01	0.	876.	0.00	1.10	
2597		50		41.18	41.18	404.	478.	0.00	0.29		19.01	19.01	0.	763.	0.00	0.96	
2598		50		41.18	41.18	82.	776.	0.00	0.45		19.01	19.01	0.	833.	0.00	1.04	
2599		50		41.18	41.18	368.	791.	0.00	0.47		19.01	19.01	0.	801.	0.00	1.00	
2600		50		41.18	41.18	530.	929.	0.00	0.55		26.98	19.01	0.	804.	0.00	1.01	
2601		50		41.18	41.18	0.	1190.	0.00	0.69		19.01	19.01	0.	771.	0.00	0.97	
2602		50		41.18	41.18	0.	1450.	0.00	0.84		26.98	26.98	0.	910.	0.00	0.80	
2603		50		41.18	41.18	0.	1241.	0.00	0.72		19.01	19.01	0.	815.	0.00	1.02	
2604		50		41.18	41.18	0.	1035.	0.00	0.60		26.98	19.01	0.	736.	0.00	0.88	
2605		50		41.18	41.18	0.	797.	0.00	0.46		26.98	19.01	0.	481.	0.00	0.60	
2606		50		41.18	41.18	0.	619.	0.00	0.36		26.98	19.01	47.	258.	0.00	0.33	
2607		50		41.18	41.18	0.	495.	0.00	0.29		26.98	19.01	68.	152.	0.00	0.19	
2608		50		41.18	41.18	0.	397.	0.00	0.23		26.98	19.01	0.	128.	0.00	0.16	
2609		50		41.18	41.18	559.	261.	0.00	0.17		26.98	19.01	0.	276.	0.00	0.35	
2612		50		41.18	41.18	239.	595.	0.00	0.35		26.98	19.01	380.	221.	0.00	0.30	
2613		50		41.18	41.18	0.	688.	0.00	0.40		26.98	19.01	605.	130.	0.00	0.20	
2614		50		41.18	41.18	0.	820.	0.00	0.47		26.98	19.01	208.	123.	0.00	0.17	
2615		50		41.18	41.18	0.	988.	0.00	0.57		26.98	19.01	192.	405.	0.00	0.52	
2616		50		41.18	41.18	0.	1212.	0.00	0.70		26.98	19.01	348.	851.	0.00	1.09	
2617		50		41.18	41.18	0.	1541.	0.00	0.89		26.98	19.01	842.	1036.	0.00	1.36	
2618		50		41.18	41.18	0.	1938.	0.00	1.12		26.98	19.01	1586.	1195.	0.00	1.61	
2619		50		41.18	41.18	798.	1228.	0.00	0.73		26.98	19.01	2585.	1228.	0.00	1.73	
2622		50		41.18	41.18	6448.	749.	0.00	0.63		26.98	26.98	7987.	841.	0.00	1.33	
2623		50		41.18	41.18	4901.	479.	0.00	0.43		26.98	26.98	7582.	914.	0.00	1.43	
2624		50		41.18	41.18	3456.	480.	0.00	0.38		26.98	26.98	5953.	867.	0.00	1.33	
2625		50		41.18	41.18	2856.	482.	0.00	0.37		26.98	26.98	1561.	914.	0.00	0.88	
2645		50		41.18	41.18	1177.	164.	0.00	0.13		19.01	19.01	522.	74.	0.00	0.13	
2646		50		41.18	41.18	1439.	254.	0.00	0.19		19.01	19.01	130.	132.	0.00	0.17	
2647		50		19.01	19.01	1591.	305.	0.00	0.49		19.01	19.01	0.	56.	0.00	0.07	
2649		50		41.18	41.18	1606.	209.	0.00	0.17		19.01	19.01	320.	67.	0.00	0.11	
2651		50		19.01	19.01	2043.	167.	0.00	0.34		19.01	19.01	0.	98.	0.00	0.12	
2652		50		41.18	41.18	1772.	88.	0.00	0.11		19.01	19.01	0.	189.	0.00	0.24	
3824		50		19.01	19.01	2789.	26.	0.04	0.21		19.01	19.01	167.	244.	0.00	0.32	
3825		50		19.01	19.01	2448.	-16.	0.06	0.15		19.01	19.01	99.	248.	0.00	0.32	
3826		50		19.01	19.01	2588.	-3.	0.06	0.17		19.01	19.01	95.	250.	0.00	0.32	
3828		50		19.01	19.01	2482.	49.	0.00	0.22		19.01	19.01	616.	153.	0.00	0.23	
3829		50		19.01	19.01	2574.	119.	0.00	0.32		19.01	19.01	354.	165.	0.00	0.23	
3830		50		19.01	19.01	2786.	72.	0.00	0.27		19.01	19.01	397.	168.	0.00	0.24	
3832		50		19.01	19.01	2301.	84.	0.00	0.25		19.01	19.01	0.	541.	0.00	0.68	
3834		50		19.01	19.01	3395.	49.	0.03	0.28		19.01	19.01	135.	533.	0.00	0.68	
3835		50		19.01	19.01	2537.	61.	0.00	0.24		19.01	19.01	194.	542.	0.00	0.69	
3836		50		19.01	19.01	2579.	117.	0.00	0.31		19.01	19.01	0.	471.	0.00	0.59	
3837		50		19.01	19.01	2325.	131.	0.00	0.31		19.01	19.01	233.	438.	0.00	0.56	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

3838		50		19.01	19.01	2889.	91.	0.00	0.30		19.01	19.01	0.	462.	0.00	0.58	
3840		50		41.18	41.18	536.	344.	0.00	0.22		19.01	19.01	0.	581.	0.00	0.73	
3841		50		41.18	41.18	1829.	183.	0.00	0.16		19.01	19.01	0.	558.	0.00	0.70	
3842		50		19.01	19.01	1902.	178.	0.00	0.35		19.01	19.01	0.	581.	0.00	0.73	
3844		50		41.18	41.18	0.	362.	0.00	0.21		19.01	19.01	0.	677.	0.00	0.85	
3846		50		19.01	19.01	1229.	145.	0.00	0.26		19.01	19.01	0.	682.	0.00	0.85	
3847		50		41.18	41.18	598.	258.	0.00	0.17		19.01	19.01	0.	709.	0.00	0.89	
5587		50		19.01	19.01	1452.	39.	0.00	0.17		26.98	26.98	23460.	-317.	0.49	0.93	
5588		50		19.01	19.01	746.	97.	0.00	0.17		26.98	26.98	16520.	-441.	0.37	0.60	
5589		50		19.01	19.01	905.	102.	0.02	0.19		26.98	26.98	7297.	-601.	0.20	0.21	
5590		50		19.01	19.01	1387.	95.	0.03	0.21		26.98	26.98	5239.	-141.	0.12	0.25	
5591		50		19.01	19.01	1853.	62.	0.04	0.20		26.98	26.98	4041.	255.	0.00	0.41	
5594		50		19.01	19.01	1202.	122.	0.00	0.23		26.98	26.98	23457.	-317.	0.49	0.93	
5595		50		19.01	19.01	812.	67.	0.00	0.14		26.98	26.98	16519.	-441.	0.37	0.60	
5596		50		19.01	19.01	556.	76.	0.00	0.13		26.98	26.98	7297.	-601.	0.20	0.21	
5597		50		19.01	19.01	682.	180.	0.00	0.27		26.98	26.98	5239.	-141.	0.12	0.25	
5598		50		19.01	19.01	900.	171.	0.00	0.27		26.98	26.98	4041.	255.	0.00	0.41	
5615		50		19.01	19.01	1951.	226.	0.00	0.45		26.98	26.98	17500.	1005.	0.08	1.72	
5616		50		19.01	19.01	776.	299.	0.00	0.43		26.98	26.98	10506.	653.	0.00	1.12	
5617		50		19.01	19.01	318.	283.	0.00	0.37		26.98	26.98	5681.	1051.	0.00	1.20	
5618		50		19.01	19.01	606.	574.	0.00	0.76		26.98	26.98	0.	1327.	0.00	1.17	
5619		50		19.01	19.01	279.	691.	0.00	0.88		26.98	26.98	0.	1697.	0.00	1.50	
5622		50		19.01	19.01	2894.	154.	0.00	0.38		26.98	26.98	16825.	926.	0.04	1.64	
5623		50		19.01	19.01	1156.	301.	0.00	0.45		26.98	26.98	10167.	579.	0.00	1.11	
5624		50		19.01	19.01	202.	473.	0.00	0.61		26.98	26.98	5459.	1117.	0.00	1.25	
5625		50		19.01	19.01	0.	770.	0.00	0.96		26.98	26.98	0.	1312.	0.00	1.16	
5626		50		19.01	19.01	0.	752.	0.00	0.94		26.98	26.98	0.	1539.	0.00	1.36	
5627		50		19.01	19.01	0.	1040.	0.00	1.30		26.98	26.98	4982.	1387.	0.00	1.47	
5628		50		19.01	19.01	1850.	932.	0.00	1.30		26.98	26.98	4917.	1463.	0.00	1.53	
5629		50		19.01	19.01	1721.	609.	0.00	0.88		26.98	26.98	5140.	1490.	0.00	1.57	
5630		50		19.01	19.01	164.	1000.	0.00	1.26		26.98	26.98	14797.	1419.	0.40	7.75	
5631		50		19.01	19.01	1946.	862.	0.00	1.21		26.98	26.98	13178.	1683.	3.23	35.82	
5633		50		19.01	19.01	823.	589.	0.00	0.79		26.98	26.98	15780.	851.	0.00	1.60	
5634		50		19.01	19.01	1380.	330.	0.00	0.50		26.98	26.98	11515.	1401.	0.00	1.82	
5636		50		19.01	19.01	450.	784.	0.00	1.02		26.98	26.98	9542.	797.	0.00	1.15	
5637		50		19.01	19.01	283.	456.	0.00	0.59		26.98	26.98	7780.	1064.	0.00	1.31	
5638		50		19.01	19.01	961.	455.	0.00	0.63		26.98	26.98	6711.	1497.	0.00	1.65	
5639		50		19.01	19.01	0.	973.	0.00	1.22		26.98	26.98	5158.	1174.	0.00	1.29	
5640		50		19.01	19.01	54.	466.	0.00	0.59		26.98	26.98	4343.	1242.	0.00	1.31	
5641		50		19.01	19.01	596.	398.	0.00	0.54		26.98	26.98	3780.	1224.	0.00	1.26	
5642		50		19.01	19.01	0.	988.	0.00	1.24		26.98	26.98	0.	1178.	0.00	1.04	
5643		50		19.01	19.01	0.	405.	0.00	0.51		26.98	26.98	0.	942.	0.00	0.83	
5644		50		19.01	19.01	269.	379.	0.00	0.49		26.98	26.98	0.	910.	0.00	0.80	
5645		50		19.01	19.01	0.	812.	0.00	1.02		26.98	26.98	0.	1365.	0.00	1.20	
5647		50		19.01	19.01	52.	673.	0.00	0.85		26.98	26.98	0.	1152.	0.00	1.02	
5662		50		19.01	19.01	433.	100.	0.01	0.15		26.98	26.98	7150.	-987.	0.24	0.20	
5663		50		19.01	19.01	206.	193.	0.00	0.26		26.98	26.98	7148.	-987.	0.24	0.20	
5664		50		19.01	19.01	527.	146.	0.00	0.22		26.98	26.98	6164.	88.	0.06	0.36	
5665		50		19.01	19.01	181.	220.	0.00	0.29		26.98	26.98	6164.	88.	0.06	0.36	
5666		50		19.01	19.01	244.	165.	0.00	0.22		26.98	26.98	1481.	531.	0.00	0.54	
5667		50		19.01	19.01	32.	275.	0.00	0.35		26.98	26.98	1481.	531.	0.00	0.54	
5668		50		19.01	19.01	252.	145.	0.00	0.20		26.98	26.98	0.	124.	0.00	0.11	
5669		50		19.01	19.01	36.	292.	0.00	0.37		26.98	26.98	0.	124.	0.00	0.11	
5670		50		19.01	19.01	179.	105.	0.00	0.14		26.98	26.98	0.	-666.	0.07	-0.07	
5671		50		19.01	19.01	220.	156.	0.00	0.21		26.98	26.98	0.	-666.	0.07	-0.07	
5672		50		19.01	19.01	171.	292.	0.00	0.38		26.98	26.98	246.	173.	0.00	0.16	
5673		50		19.01	19.01	280.	106.	0.00	0.15		26.98	26.98	246.	174.	0.00	0.16	
5674		50		19.01	19.01	972.	237.	0.00	0.40		26.98	26.98	1861.	679.	0.00	0.69	
5675		50		19.01	19.01	230.	154.	0.00	0.21		26.98	26.98	1861.	679.	0.00	0.69	
5697		50		19.01	19.01	688.	416.	0.00	0.57		26.98	26.98	4921.	1536.	0.00	1.60	
5698		50		19.01	19.01	0.	726.	0.00	0.91		26.98	26.98	5033.	1732.	0.00	1.77	
5699		50		19.01	19.01	0.	798.	0.00	1.00		26.98	26.98	5865.	1924.	0.00	10.47	
5700		50		19.01	19.01	960.	317.	0.00	0.46		26.98	26.98	6813.	1783.	0.00	3.09	
5701		50		19.01	19.01	188.	920.	0.00	1.16		26.98	26.98	5361.	1985.	0.00	14.78	
5702		50		19.01	19.01	0.	815.	0.00	1.02		26.98	26.98	6678.	2011.	0.69	32.12	
5703		50		19.01	19.01	1071.	258.	0.00	0.39		26.98	26.98	3717.	1591.	0.00	1.59	
5704		50		19.01	19.01	679.	838.	0.00	1.10		26.98	26.98	3990.	1584.	0.00	1.59	
5705		50		19.01	19.01	324.	910.	0.00	1.16		26.98	26.98	5725.	1459.	0.00	1.57	
5706		50		19.01	19.01	1159.	255.	0.00	0.39		26.98	26.98	2834.	1357.	0.00	1.34	
5707		50		19.01	19.01	1185.	801.	0.00	1.08		26.98	26.98	1553.	1415.	0.00	1.32	
5708		50		19.01	19.01	1261.	684.	0.00	0.94		26.98	26.98	3057.	1241.	0.00	1.29	
5709		50		19.01	19.01	1263.	474.	0.00	0.68		26.98	26.98	1703.	1338.	0.00	1.26	
5710		50		19.01	19.01	1646.	789.	0.00	1.10		26.98	26.98	1606.	1404.	0.00	1.32	
5711		50		19.01	19.01	2281.	213.	0.00	0.41		26.98	26.98	1689.	1341.	0.00	1.27	
5712		50		19.01	19.01	1295.	953.	0.00	1.28		26.98	26.98	2914.	1546.	0.00	1.51	
5713		50		19.01	19.01	1907.	798.	0.00	1.13		26.98	26.98	2473.	1514.	0.00	1.46	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5714		50		19.01	19.01	4585.	114.	0.00	0.44		26.98	26.98	1854.	1119.	0.00	1.08	
5724		50		19.01	19.01	453.	400.	0.00	0.53		26.98	26.98	7247.	1347.	0.00	1.54	
5725		50		19.01	19.01	1557.	255.	0.00	0.42		26.98	26.98	12405.	608.	0.01	1.11	
5726		50		19.01	19.01	2449.	213.	0.00	0.43		26.98	26.98	15794.	303.	0.17	1.00	
5727		50		19.01	19.01	607.	404.	0.00	0.55		26.98	26.98	3426.	1182.	0.00	1.21	
5728		50		19.01	19.01	1530.	385.	0.00	0.58		26.98	26.98	6747.	634.	0.00	0.87	
5729		50		19.01	19.01	1159.	134.	0.00	0.24		26.98	26.98	7717.	439.	0.00	0.77	
5730		50		19.01	19.01	2405.	613.	0.00	0.93		26.98	26.98	1732.	926.	0.00	0.90	
5731		50		19.01	19.01	2553.	572.	0.00	0.88		26.98	26.98	4569.	701.	0.00	0.84	
5732		50		19.01	19.01	2276.	324.	0.00	0.55		26.98	26.98	4840.	766.	0.00	0.90	
5733		50		19.01	19.01	3925.	720.	0.00	1.19		26.98	26.98	1710.	615.	0.00	0.64	
5734		50		19.01	19.01	3194.	649.	0.00	1.03		26.98	26.98	2843.	979.	0.00	1.00	
5735		50		19.01	19.01	2820.	529.	0.00	0.85		26.98	26.98	4261.	966.	0.00	1.05	
5736		50		19.01	19.01	4277.	670.	0.00	1.12		26.98	26.98	1543.	982.	0.00	0.94	
5737		50		19.01	19.01	3327.	624.	0.00	1.00		26.98	26.98	1753.	1166.	0.00	1.11	
5745		50		19.01	19.01	281.	411.	0.00	0.53		26.98	26.98	16313.	327.	0.16	1.05	
5746		50		19.01	19.01	0.	466.	0.00	0.58		26.98	26.98	17256.	250.	0.23	1.02	
5747		50		19.01	19.01	2087.	281.	0.00	0.50		26.98	26.98	18240.	156.	0.29	0.98	
5748		50		19.01	19.01	134.	383.	0.00	0.49		26.98	26.98	6936.	387.	0.00	0.66	
5749		50		19.01	19.01	0.	474.	0.00	0.59		26.98	26.98	9371.	345.	0.00	0.74	
5750		50		19.01	19.01	2210.	257.	0.00	0.46		26.98	26.98	13317.	354.	0.06	0.93	
5751		50		19.01	19.01	323.	390.	0.00	0.51		26.98	26.98	3540.	587.	0.00	0.68	
5752		50		19.01	19.01	201.	468.	0.00	0.60		26.98	26.98	5822.	380.	0.00	0.60	
5753		50		19.01	19.01	2703.	109.	0.02	0.33		26.98	26.98	8442.	257.	0.00	0.62	
5754		50		19.01	19.01	0.	557.	0.00	0.70		26.98	26.98	3850.	778.	0.00	0.87	
5755		50		19.01	19.01	299.	438.	0.00	0.57		26.98	26.98	3659.	499.	0.00	0.61	
5756		50		19.01	19.01	2448.	55.	0.06	0.23		26.98	26.98	3229.	320.	0.00	0.43	
5758		50		19.01	19.01	980.	270.	0.00	0.45		26.98	26.98	2895.	648.	0.00	0.71	
5759		50		19.01	19.01	3556.	25.	0.06	0.27		26.98	26.98	2775.	304.	0.00	0.40	
5760		50		19.01	19.01	0.	860.	0.00	1.08		26.98	26.98	14180.	764.	0.00	1.34	
5763		50		19.01	19.01	0.	891.	0.00	1.12		26.98	26.98	7956.	973.	0.00	1.24	
5764		50		19.01	19.01	1968.	892.	0.00	1.25		26.98	26.98	8869.	747.	0.00	1.07	
5765		50		19.01	19.01	2202.	670.	0.00	0.99		26.98	26.98	8367.	586.	0.00	0.90	
5767		50		19.01	19.01	1134.	874.	0.00	1.17		26.98	26.98	3549.	1174.	0.00	1.21	
5768		50		19.01	19.01	1212.	627.	0.00	0.87		26.98	26.98	4334.	1023.	0.00	1.11	
5772		50		19.01	19.01	877.	390.	0.00	0.55		26.98	26.98	6036.	598.	0.01	0.81	
5773		50		19.01	19.01	0.	608.	0.00	0.76		26.98	26.98	9386.	1076.	0.00	1.40	
5774		50		19.01	19.01	0.	919.	0.00	1.15		26.98	26.98	8771.	1779.	0.00	11.65	
5775		50		19.01	19.01	316.	403.	0.00	0.52		26.98	26.98	5344.	1174.	0.00	1.30	
5776		50		19.01	19.01	0.	596.	0.00	0.75		26.98	26.98	6906.	1577.	0.00	1.73	
5778		50		19.01	19.01	2124.	-53.	0.06	0.13		26.98	26.98	35056.	-1137.	0.77	1.02	
5779		50		19.01	19.01	1681.	32.	0.00	0.15		26.98	26.98	35054.	-1137.	0.77	1.02	
5780		50		19.01	19.01	1544.	-41.	0.04	0.09		26.98	26.98	19892.	-1159.	0.49	0.52	
5781		50		19.01	19.01	965.	77.	0.00	0.16		26.98	26.98	19890.	-1159.	0.49	0.52	
5782		50		19.01	19.01	1069.	-33.	0.03	0.09		26.98	26.98	12916.	-1177.	0.36	0.29	
5783		50		19.01	19.01	847.	62.	0.00	0.15		26.98	26.98	12916.	-1176.	0.36	0.29	
5785		50		41.18	41.18	1031.	309.	0.00	0.21		26.98	26.98	0.	788.	0.00	0.69	
5786		50		41.18	41.18	369.	547.	0.00	0.33		19.01	19.01	0.	795.	0.00	1.00	
5787		50		41.18	41.18	0.	561.	0.00	0.32		26.98	26.98	0.	883.	0.00	0.78	
5789		50		41.18	41.18	0.	559.	0.00	0.32		26.98	26.98	0.	892.	0.00	0.79	
5790		50		41.18	41.18	0.	718.	0.00	0.42		19.01	19.01	0.	870.	0.00	1.09	
5791		50		41.18	41.18	142.	565.	0.00	0.33		26.98	26.98	0.	827.	0.00	0.73	
5792		50		19.01	19.01	364.	238.	0.00	0.32		26.98	26.98	0.	952.	0.00	0.84	
5793		50		19.01	19.01	27.	336.	0.00	0.42		26.98	26.98	0.	887.	0.00	0.78	
5795		50		19.01	19.01	754.	242.	0.00	0.35		26.98	26.98	0.	920.	0.00	0.81	
5797		50		41.18	41.18	1144.	243.	0.00	0.18		19.01	19.01	0.	157.	0.00	0.20	
5798		50		41.18	41.18	1337.	157.	0.00	0.13		19.01	19.01	0.	313.	0.00	0.39	
5799		50		41.18	41.18	1868.	370.	0.00	0.27		19.01	19.01	0.	180.	0.00	0.22	
5801		50		41.18	41.18	1151.	260.	0.00	0.19		26.98	26.98	0.	149.	0.00	0.13	
5802		50		41.18	41.18	733.	189.	0.00	0.13		19.01	19.01	0.	300.	0.00	0.38	
5803		50		41.18	41.18	695.	149.	0.00	0.11		19.01	19.01	0.	168.	0.00	0.21	
5804		50		19.01	19.01	1347.	850.	0.00	1.16		26.98	26.98	3694.	1718.	0.00	1.70	
5805		50		19.01	19.01	1483.	995.	0.00	1.35		26.98	26.98	3799.	1745.	0.00	1.73	
5807		50		19.01	19.01	1108.	1118.	0.00	1.48		26.98	26.98	3631.	2133.	0.00	1.88	
5808		50		19.01	19.01	2363.	472.	0.00	0.75		26.98	26.98	3485.	1283.	0.00	1.30	
5809		50		19.01	19.01	2560.	788.	0.00	1.16		26.98	26.98	2881.	1246.	0.00	1.24	
5811		50		19.01	19.01	2088.	898.	0.00	1.27		26.98	26.98	3911.	1609.	0.00	1.61	
5812		50		19.01	19.01	4789.	349.	0.00	0.75		26.98	26.98	2177.	735.	0.00	0.75	
5813		50		19.01	19.01	5939.	608.	0.00	1.15		26.98	26.98	1462.	607.	0.00	0.60	
5815		50		19.01	19.01	3350.	694.	0.00	1.09		26.98	26.98	2437.	990.	0.00	0.99	
5817		50		41.18	41.18	2075.	912.	0.00	0.59		26.98	26.98	5245.	1146.	0.00	1.27	
5818		50		41.18	41.18	1801.	1038.	0.00	0.66		19.01	19.01	3538.	1262.	0.00	1.83	
5819		50		41.18	41.18	1358.	936.	0.00	0.58		26.98	26.98	3406.	1205.	0.00	1.23	
5821		50		41.18	41.18	3979.	771.	0.00	0.57		26.98	26.98	6838.	846.	0.00	1.07	
5822		50		41.18	41.18	2877.	895.	0.00	0.61		19.01	19.01	4957.	843.	0.00	1.40	
5823		50		41.18	41.18	2323.	854.	0.00	0.56		26.98	26.98	6637.	922.	0.00	1.13	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5824		50		19.01	19.01	2906.	445.	0.00	0.75		26.98	26.98	2483.	1225.	0.00	1.20	
5825		50		19.01	19.01	3110.	623.	0.00	0.99		26.98	26.98	2857.	1306.	0.00	1.29	
5827		50		19.01	19.01	3118.	534.	0.00	0.87		26.98	26.98	2317.	1207.	0.00	1.18	
5828		50		19.01	19.01	0.	365.	0.00	0.46		26.98	26.98	4281.	760.	0.00	0.87	
5829		50		19.01	19.01	0.	442.	0.00	0.55		26.98	26.98	4058.	686.	0.00	0.79	
5831		50		19.01	19.01	0.	528.	0.00	0.66		26.98	26.98	4257.	1028.	0.00	1.11	
5834		50		19.01	19.01	1567.	863.	0.00	1.19		26.98	26.98	16141.	441.	0.11	1.14	
5835		50		19.01	19.01	1286.	877.	0.00	1.19		26.98	26.98	17701.	454.	0.15	1.22	
5837		50		19.01	19.01	3510.	708.	0.00	1.12		26.98	26.98	23089.	137.	0.40	1.19	
5838		50		19.01	19.01	2606.	541.	0.00	0.85		26.98	26.98	19179.	340.	0.23	1.19	
5841		50		19.01	19.01	1030.	261.	0.00	0.39		26.98	26.98	9779.	264.	0.02	0.68	
5842		50		19.01	19.01	704.	168.	0.00	0.26		26.98	26.98	11150.	-103.	0.23	0.48	
5843		50		19.01	19.01	1711.	223.	0.00	0.39		26.98	26.98	15189.	-171.	0.32	0.64	
5845		50		19.01	19.01	0.	421.	0.00	0.53		26.98	26.98	6243.	631.	0.00	0.85	
5846		50		19.01	19.01	0.	92.	0.00	0.12		26.98	26.98	6350.	356.	0.00	0.61	
5847		50		19.01	19.01	400.	113.	0.00	0.17		26.98	26.98	8025.	455.	0.00	0.77	
5849		50		19.01	19.01	75.	956.	0.00	1.20		26.98	26.98	0.	1038.	0.00	0.92	
5850		50		19.01	19.01	0.	935.	0.00	1.17		26.98	26.98	1856.	556.	0.00	0.58	
5851		50		19.01	19.01	0.	948.	0.00	1.19		26.98	26.98	4117.	820.	0.00	0.92	
8392		50		19.01	19.01	0.	888.	0.00	1.11		26.98	26.98	3220.	1245.	0.00	1.26	
8393		50		19.01	19.01	0.	893.	0.00	1.12		26.98	26.98	1916.	1082.	0.00	1.05	
8394		50		19.01	19.01	0.	806.	0.00	1.01		26.98	26.98	3393.	1240.	0.00	1.26	
8396		50		19.01	19.01	3983.	880.	0.00	1.38		26.98	26.98	19763.	342.	0.25	1.21	
8719		50		41.18	41.18	2497.	487.	0.00	0.36		19.01	19.01	0.	801.	0.00	1.00	
8720		50		41.18	41.18	1546.	300.	0.00	0.22		19.01	19.01	134.	728.	0.00	0.92	
8721		50		41.18	41.18	753.	667.	0.00	0.41		19.01	19.01	234.	621.	0.00	0.79	
8722		50		41.18	41.18	81.	221.	0.00	0.13		19.01	19.01	259.	540.	0.00	0.69	

MACROGUSCIO P7

VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
13	Rara 1 (RARA)
14	Rara 2 (RARA)
15	Frequente 1 (FREQUENTE)
16	Frequente 2 (FREQUENTE)
17	Quasi Perm (QUASI PERMANENTE)

DATI:

copriferro inferiore (asse armatura): 7 cm
 copriferro superiore (asse armatura): 7 cm

Af = area effettiva tesa (cm2 al metro)

Afc = area effettiva compressa (cm2 al metro)

Mom = momento flettente [daNcm/cm]

Nor = sforzo normale [daN]

sigC = tensione calcestruzzo [daN/cm2]

valore max per combinazione rara = 174.3 daN/cm2

'' '' '' '' quasi permanente = 130.7 daN/cm2

sigF = tensione acciaio [daN/cm2]

valore max per combinazione rara = 3600 daN/cm2

wkF = apertura caratteristica per combinazione frequente (mm) - valore max = 0.3 mm

wkP = '' '' '' '' quasi permanente (mm) - '' '' = 0.2 mm

<-

ARMATURA INFERIORE ORIZZONTALE

GUSCI	COMBINAZIONE RARA		COMB. FREQUENTE			COMB. QUASI PERMANENTE												
	Af	Afc	Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
1404		19.01	19.01		0.	-20	0.36	-5.		0.	-17	0.000		0.	-13	0.24	0.000	
1405		19.01	19.01		429	-22	1.51	12.		329	-20	0.000		291	-18	1.01	0.000	
1406		19.01	19.01		882	-9	3.22	98.		802	3	0.010		715	14	2.33	0.012	
1407		19.01	19.01		591	-29	2.08	19.		538	-3	0.005		535	4	1.87	0.007	
1408		19.01	19.01		564	-13	2.06	45.		559	-21	0.002		554	-15	2.02	0.003	
1409		19.01	19.01		51	6	0.00	23.		69	-26	0.000		71	-25	0.60	0.000	
1410		19.01	19.01		0.	71	0.00	188.		0.	-21	0.000		0.	-26	0.46	0.000	
1411		19.01	19.01		0.	2	0.00	6.		0.	-40	0.000		0.	-26	0.47	0.000	
1412		19.01	19.01		671	-32	2.37	23.		764	-44	0.001		776	-44	2.71	0.001	
1413		19.01	19.01		344	-35	1.33	-2.		373	-68	0.000		379	-67	1.98	0.000	
1414		19.01	19.01		346	-42	1.45	-4.		366	-75	0.000		370	-75	2.10	0.000	
1415		19.01	19.01		360	-38	1.41	-2.		367	-81	0.000		368	-83	2.24	0.000	
1416		19.01	19.01		405	-39	1.52	-1.		412	-87	0.000		412	-90	2.45	0.000	
1417		19.01	19.01		490	-38	1.74	3.		501	-90	0.000		501	-94	2.71	0.000	
1418		19.01	19.01		588	-35	2.05	11.		609	-87	0.000		610	-95	2.95	0.000	
1419		19.01	19.01		639	-31	2.25	20.		655	-93	0.000		659	-93	3.01	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1420		19.01	19.01		0.	-9	0.16	-2.		0.	-74	0.000		0.	-81	1.45	0.000
1421		19.01	19.01		0.	9	0.00	23.		0.	-40	0.000		0.	-57	1.02	0.000
1422		19.01	19.01		377	-2	1.37	46.		401	-44	0.000		405	-44	1.61	0.000
1423		19.01	19.01		534	-8	1.96	54.		548	-19	0.002		546	-43	1.95	0.000
1424		19.01	19.01		687	-7	2.51	77.		714	-42	0.001		717	-42	2.50	0.001
1425		19.01	19.01		927	-3	3.35	119.		994	-40	0.004		1002	-40	3.58	0.004
1426		19.01	19.01		1365	4	4.84	198.		1490	-37	0.009		1494	-37	5.46	0.009
1427		19.01	19.01		1755	16	6.08	281.		1815	-33	0.013		1820	-33	6.67	0.013
1428		19.01	19.01		2061	33	6.88	369.		2126	-3	0.022		2132	-3	7.65	0.023
1429		19.01	19.01		2224	118	4.60	627.		2285	102	0.060		2294	80	6.51	0.052
1430		19.01	19.01		2047	261	0.00	986.		2086	232	0.108		2113	217	0.00	0.102
1431		19.01	19.01		63	435	0.00	1153.		150	406	0.163		191	394	0.00	0.158
1433		19.01	19.01		0.	616	0.00	1622.		0.	551	0.220		0.	486	0.00	0.194
1434		19.01	19.01		1832	404	0.00	1331.		1801	355	0.153		1758	306	0.00	0.133
1435		19.01	19.01		2410	244	0.00	995.		2352	203	0.099		2275	163	1.66	0.083
1436		19.01	19.01		2110	155	1.14	715.		2039	113	0.062		2001	90	4.89	0.053
1437		19.01	19.01		1751	95	3.52	499.		1683	48	0.034		1651	28	5.49	0.027
1438		19.01	19.01		1085	51	2.55	289.		1090	15	0.017		1085	1	3.88	0.012
1439		19.01	19.01		701	32	1.68	184.		681	-1	0.007		674	-5	2.45	0.006
1440		19.01	19.01		444	18	1.15	111.		436	-9	0.003		427	-6	1.56	0.004
1441		19.01	19.01		289	6	0.94	55.		279	-8	0.002		276	-3	1.01	0.002
1442		19.01	19.01		219	10	0.53	57.		191	-9	0.000		173	-16	0.64	0.000
1443		19.01	19.01		182	19	0.00	78.		133	-8	0.000		110	-11	0.42	0.000
1444		19.01	19.01		131	12	0.00	51.		109	-6	0.000		87	-5	0.30	0.000
1445		19.01	19.01		0.	22	0.00	57.		0.	4	0.001		0.	-4	0.07	0.000
1508		24.55	24.55		0.	-3	0.06	-1.		0.	-9	0.000		0.	-10	0.17	0.000
1511		19.01	19.01		0.	-35	0.63	-10.		0.	-36	0.000		0.	-34	0.62	0.000
1512		19.01	19.01		0.	-21	0.37	-6.		0.	-18	0.000		0.	-16	0.29	0.000
1513		24.55	24.55		0.	-1	0.03	0.		0.	-1	0.000		0.	-1	0.02	0.000
1514		19.01	19.01		0.	-9	0.16	-2.		0.	-22	0.000		0.	-22	0.39	0.000
1515		19.01	19.01		0.	-25	0.46	-7.		0.	-28	0.000		0.	-28	0.50	0.000
1516		19.01	19.01		0.	-57	1.02	-15.		0.	-57	0.000		0.	-56	1.01	0.000
1517		19.01	19.01		262	-33	1.13	-3.		142	-32	0.000		113	-30	0.77	0.000
1518		24.55	24.55		4	26	0.00	53.		0.	25	0.006		0.	25	0.00	0.006
1519		35.64	35.64		922	42	1.48	130.		466	12	0.003		446	20	0.74	0.004
1520		35.64	35.64		1025	58	1.23	160.		611	27	0.005		534	23	0.90	0.004
1521		19.01	19.01		428	7	1.42	78.		441	-18	0.002		443	-17	1.59	0.002
1522		19.01	19.01		1074	14	3.65	183.		747	-14	0.005		748	-14	2.74	0.005
1523		19.01	19.01		885	-41	3.13	32.		775	-19	0.005		775	-18	2.84	0.005
1524		19.01	19.01		683	-12	2.50	64.		716	-22	0.004		716	-21	2.61	0.004
1525		19.01	19.01		1197	-26	4.38	100.		1030	-23	0.007		1032	-23	3.78	0.007
1526		19.01	19.01		803	-71	2.91	-1.		785	-23	0.004		785	-23	2.86	0.004
1527		19.01	19.01		900	-33	3.24	47.		775	-29	0.003		733	-25	2.65	0.003
1528		19.01	19.01		1144	-40	4.12	62.		1050	-19	0.008		1039	-15	3.81	0.008
1529		19.01	19.01		654	-54	2.36	2.		651	-24	0.003		647	-19	2.35	0.003
1530		19.01	19.01		916	-21	3.35	75.		825	-11	0.007		756	-2	2.72	0.008
1531		19.01	19.01		822	-34	2.92	35.		762	-7	0.007		760	-3	2.75	0.008
1532		19.01	19.01		623	-29	2.20	21.		623	-21	0.003		620	-16	2.26	0.004
1533		35.64	35.64		0.	-23	0.38	-6.		284	14	0.002		299	20	0.22	0.003
1535		19.01	19.01		0.	-120	2.16	-32.		186	-14	0.000		215	-1	0.77	0.002
1537		19.01	19.01		0.	-95	1.70	-25.		0.	-29	0.000		0.	-14	0.25	0.000
1538		19.01	19.01		0.	-76	1.36	-20.		0.	-59	0.000		0.	-4	0.07	0.000
1539		19.01	19.01		0.	-52	0.93	-14.		0.	-20	0.000		0.	-20	0.35	0.000
1540		19.01	19.01		0.	-22	0.39	-6.		0.	-42	0.000		0.	-16	0.28	0.000
1541		19.01	19.01		0.	-14	0.25	-4.		0.	-23	0.000		0.	-23	0.42	0.000
1542		19.01	19.01		0.	38	0.00	99.		0.	-31	0.000		0.	-22	0.40	0.000
1544		35.64	35.64		1129	-259	6.30	-42.		833	-25	0.001		746	0.	1.95	0.003
1546		19.01	19.01		955	-208	5.67	-35.		885	-6	0.008		851	2	3.03	0.010
1547		19.01	19.01		0.	-106	1.89	-28.		0.	-19	0.000		0.	-16	0.29	0.000
1548		19.01	19.01		1083	-131	4.56	-12.		1168	-10	0.011		1168	-10	4.26	0.011
1549		19.01	19.01		0.	-62	1.11	-17.		0.	-19	0.000		0.	-10	0.18	0.000
1550		19.01	19.01		1269	-82	4.43	17.		1329	-9	0.012		1332	-9	4.84	0.013
1551		19.01	19.01		0.	-23	0.41	-6.		0.	-30	0.000		0.	-21	0.38	0.000
1552		19.01	19.01		1056	-48	3.73	38.		1107	-32	0.006		1111	-32	4.04	0.006
1553		35.64	35.64		1689	-316	8.25	-45.		1528	23	0.007		1528	23	3.65	0.007
1554		35.64	35.64		1822	-334	8.78	-47.		1874	16	0.008		1875	17	4.67	0.008
1555		35.64	35.64		1796	-355	9.08	-53.		1980	7	0.007		1982	7	5.08	0.007
1556		35.64	35.64		1639	-336	8.49	-51.		1921	-3	0.006		1923	-3	5.07	0.006
1557		35.64	35.64		1475	-288	7.41	-43.		1702	-17	0.005		1704	-16	4.63	0.005
1558		35.64	35.64		1092	-287	6.69	-50.		1320	-3	0.004		1322	-2	3.49	0.004
1559		19.01	19.01		1790	-171	6.71	-7.		1798	9	0.022		1799	9	6.33	0.022
1560		19.01	19.01		1920	-194	7.39	-10.		2002	-1	0.022		2004	-1	7.18	0.022
1561		19.01	19.01		1930	-223	7.94	-18.		2044	-9	0.020		2047	-9	7.40	0.020
1562		19.01	19.01		1799	-250	8.15	-28.		1942	-25	0.016		1945	-25	7.12	0.016
1563		19.01	19.01		1516	-243	7.45	-32.		1696	-41	0.010		1699	-41	6.21	0.011
1564		19.01	19.01		1095	-247	6.67	-42.		1295	-27	0.009		1298	-26	4.76	0.009

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1565		19.01	19.01		1903	-112	6.63	36.		1990	-17	0.018		1992	-17	7.26	0.018
1566		19.01	19.01		1928	-125	6.73	26.		2025	-10	0.020		2028	-10	7.35	0.020
1567		19.01	19.01		1921	-144	6.80	12.		1940	-25	0.016		1943	-25	7.11	0.016
1568		19.01	19.01		1893	-164	6.93	1.		1863	-40	0.012		1865	-39	6.83	0.012
1569		19.01	19.01		1719	-178	6.70	-10.		1707	-52	0.009		1708	-52	6.20	0.009
1570		19.01	19.01		1352	-170	5.81	-16.		1366	-47	0.006		1366	-47	4.93	0.006
1571		19.01	19.01		1739	-90	6.09	47.		1805	-22	0.015		1810	-21	6.62	0.015
1572		19.01	19.01		1593	-99	5.55	26.		1665	-33	0.012		1670	-32	6.12	0.012
1573		19.01	19.01		1574	-104	5.50	20.		1552	-42	0.009		1550	-43	5.65	0.009
1574		19.01	19.01		1664	-107	5.80	24.		1647	-52	0.008		1645	-54	5.95	0.008
1575		19.01	19.01		1640	-106	5.72	22.		1634	-60	0.007		1631	-62	5.85	0.006
1576		19.01	19.01		1452	-104	5.11	12.		1462	-58	0.005		1459	-66	5.16	0.004
1577		19.01	19.01		932	-54	3.25	19.		1082	-51	0.003		1087	-51	3.83	0.003
1578		19.01	19.01		794	-60	2.81	5.		842	-60	0.001		848	-60	2.98	0.001
1579		19.01	19.01		798	-59	2.82	5.		807	-67	0.000		808	-69	2.94	0.000
1580		19.01	19.01		937	-61	3.27	13.		975	-74	0.000		977	-77	3.49	0.000
1581		19.01	19.01		1114	-60	3.89	28.		1113	-79	0.001		1112	-82	3.93	0.001
1582		19.01	19.01		1080	-58	3.78	27.		1087	-81	0.001		1087	-85	3.87	0.000
1583		41.18	41.18		1739	-400	9.42	-64.		2016	-25	0.004		2018	-25	5.17	0.004
1584		41.18	41.18		1994	-382	9.58	-55.		2280	-20	0.005		2283	-20	5.76	0.005
1585		41.18	41.18		1887	-474	10.88	-79.		2329	-10	0.006		2331	-10	5.77	0.006
1586		41.18	41.18		1751	-466	10.51	-79.		2004	-152	0.000		2147	-8	5.30	0.005
1587		41.18	41.18		1542	-462	10.08	-82.		1513	-221	0.000		1703	-14	4.29	0.004
1588		41.18	41.18		1113	-473	9.52	-93.		1047	-231	0.000		1003	-31	2.71	0.001
1589		19.01	19.01		1909	-319	9.62	-44.		2134	-33	0.017		2144	-18	7.81	0.020
1590		19.01	19.01		2227	-298	9.90	-31.		2447	-29	0.021		2460	-15	8.92	0.024
1591		19.01	19.01		2302	-308	10.22	-32.		2553	-11	0.025		2568	2	9.17	0.029
1592		19.01	19.01		2179	-287	9.59	-29.		2376	-67	0.013		2460	14	8.63	0.031
1593		19.01	19.01		1811	-270	8.54	-33.		1990	-92	0.006		2111	19	7.31	0.029
1594		19.01	19.01		1190	-264	7.17	-45.		1371	-90	0.001		1506	15	5.19	0.021
1595		19.01	19.01		1909	-180	7.13	-7.		2062	-7	0.021		2065	-7	7.45	0.021
1596		19.01	19.01		2304	-163	8.10	21.		2448	-13	0.024		2451	-13	8.88	0.024
1597		19.01	19.01		2527	-140	8.82	58.		2664	-1	0.029		2667	0.	9.55	0.029
1598		19.01	19.01		2571	-115	9.10	96.		2704	29	0.039		2706	29	9.29	0.039
1599		19.01	19.01		2396	-101	8.53	101.		2516	25	0.035		2538	49	8.30	0.043
1600		19.01	19.01		1985	-88	7.03	76.		2110	41	0.036		2132	64	6.37	0.045
1601		19.01	19.01		1506	-66	5.34	58.		1593	0.	0.017		1596	-7	5.77	0.016
1602		19.01	19.01		1924	-62	6.97	116.		2011	-8	0.020		2014	-8	7.28	0.020
1603		19.01	19.01		2240	-59	8.17	163.		2325	-12	0.023		2329	-12	8.43	0.023
1604		19.01	19.01		2448	-42	8.97	230.		2533	7	0.030		2537	7	9.00	0.030
1605		19.01	19.01		2519	-12	9.12	313.		2606	48	0.044		2610	48	8.59	0.044
1606		19.01	19.01		2413	20	8.39	382.		2504	83	0.055		2507	83	7.26	0.055
1607		19.01	19.01		883	-12	3.23	91.		917	-13	0.007		919	-29	3.33	0.004
1608		19.01	19.01		1247	-8	4.53	151.		1292	-28	0.008		1295	-28	4.74	0.008
1609		19.01	19.01		1551	-4	5.58	203.		1605	-29	0.012		1608	-29	5.90	0.012
1610		19.01	19.01		1825	0.	6.53	249.		1886	-29	0.015		1891	-29	6.93	0.015
1611		19.01	19.01		2059	-3	7.40	274.		2127	-11	0.021		2132	-10	7.72	0.021
1612		19.01	19.01		2217	28	7.55	376.		2291	34	0.036		2296	34	7.72	0.036
1613		41.18	41.18		0.	-206	3.30	-50.		0.	-110	0.000		44	-41	0.74	0.000
1616		41.18	41.18		1967	-327	8.66	-42.		1556	-42	0.002		1494	42	2.90	0.007
1617		41.18	41.18		2234	-336	9.26	-39.		1860	-39	0.003		1822	55	3.43	0.009
1618		41.18	41.18		2294	-290	8.62	-27.		1954	-52	0.003		1925	64	3.48	0.010
1619		19.01	19.01		0.	-171	3.08	-46.		148	-51	0.000		121	14	0.00	0.006
1620		19.01	19.01		477	-159	3.82	-32.		587	10	0.010		547	54	0.00	0.026
1621		19.01	19.01		1260	-170	5.63	-18.		1153	-26	0.007		1042	64	1.65	0.034
1622		19.01	19.01		1932	-172	7.03	-4.		1627	36	0.029		1601	68	4.07	0.041
1623		19.01	19.01		2176	-187	7.94	2.		1849	43	0.034		1845	64	5.24	0.042
1624		19.01	19.01		2313	-173	8.19	15.		1948	28	0.030		1934	54	5.90	0.039
1625		19.01	19.01		215	-29	0.96	-3.		187	69	0.029		203	85	0.00	0.035
1626		19.01	19.01		1245	-17	4.56	127.		1023	103	0.049		1026	102	0.00	0.048
1627		19.01	19.01		1901	-7	6.86	242.		1709	84	0.048		1687	104	2.64	0.055
1628		19.01	19.01		2237	-8	8.07	286.		2016	93	0.054		2021	93	4.86	0.054
1629		19.01	19.01		2426	-15	8.80	294.		2208	73	0.049		2214	73	6.42	0.049
1630		19.01	19.01		2381	-1	8.54	322.		2216	48	0.040		2222	48	7.15	0.040
1631		19.01	19.01		1443	134	0.00	565.		1351	166	0.076		1314	158	0.00	0.072
1632		19.01	19.01		2052	118	3.72	604.		1912	148	0.074		1903	142	0.78	0.072
1633		19.01	19.01		2347	99	6.01	591.		2196	123	0.067		2189	117	4.45	0.065
1634		19.01	19.01		2389	82	6.84	548.		2244	95	0.057		2240	89	5.97	0.055
1635		19.01	19.01		2287	47	7.42	437.		2161	57	0.042		2160	50	6.87	0.040
1636		19.01	19.01		2052	29	6.92	358.		1975	23	0.029		1977	17	6.86	0.027
1637		19.01	19.01		2197	216	0.00	889.		2131	196	0.094		2068	168	0.00	0.083
1638		19.01	19.01		2194	153	2.00	721.		2107	131	0.070		2084	116	4.00	0.063
1639		19.01	19.01		2046	111	4.07	585.		1958	88	0.052		1940	73	5.32	0.046
1640		19.01	19.01		1795	65	4.99	423.		1718	39	0.031		1706	25	5.75	0.026
1641		19.01	19.01		1447	41	4.39	309.		1437	14	0.020		1432	4	5.09	0.017
1642		19.01	19.01		1000	25	3.12	205.		1067	1	0.012		1097	-4	3.96	0.011

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1643		35.64	35.64		147	-426	7.29	-102.		416	-104	0.000		490	1	1.27	0.002	
1646		41.18	41.18		959	-430	8.56	-85.		1216	-91	0.000		1274	-20	3.30	0.002	
1647		19.01	19.01		61	-308	5.66	-82.		319	-48	0.000		355	-20	1.24	0.001	
1648		19.01	19.01		0.	-349	6.26	-94.		0.	-110	0.000		0.	-11	0.20	0.000	
1649		19.01	19.01		0.	-360	6.47	-97.		0.	-96	0.000		0.	-9	0.17	0.000	
1650		19.01	19.01		975	-339	8.07	-70.		1221	-49	0.004		1254	-16	4.59	0.010	
1651		19.01	19.01		282	-189	3.97	-45.		358	-32	0.000		357	-32	1.30	0.000	
1652		19.01	19.01		0.	-243	4.36	-65.		0.	-79	0.000		0.	-26	0.47	0.000	
1653		19.01	19.01		0.	-251	4.51	-68.		0.	-56	0.000		0.	-11	0.19	0.000	
1654		19.01	19.01		877	-181	5.04	-29.		1049	-2	0.011		1050	-2	3.78	0.011	
1655		19.01	19.01		644	-104	3.19	-14.		685	-60	0.000		685	-61	2.49	0.000	
1656		19.01	19.01		0.	-138	2.48	-37.		0.	-80	0.000		0.	-50	0.90	0.000	
1657		19.01	19.01		0.	-129	2.32	-35.		0.	-44	0.000		0.	-28	0.51	0.000	
1658		19.01	19.01		711	-78	2.84	-5.		743	-12	0.006		742	-12	2.72	0.006	
1659		19.01	19.01		670	-56	2.42	1.		695	-82	0.000		696	-82	2.90	0.000	
1660		19.01	19.01		0.	-52	0.93	-14.		0.	-83	0.000		0.	-70	1.25	0.000	
1661		19.01	19.01		0.	-38	0.68	-10.		0.	-52	0.000		0.	-47	0.85	0.000	
1662		19.01	19.01		617	-19	2.24	40.		643	-32	0.002		645	-32	2.26	0.002	
1663		41.18	41.18		384	-347	6.23	-76.		324	-171	0.000		244	-27	0.85	0.000	
1664		41.18	41.18		0.	-317	5.09	-76.		0.	-166	0.000		0.	-46	0.74	0.000	
1665		41.18	41.18		0.	-321	5.15	-77.		0.	-207	0.000		0.	-87	1.40	0.000	
1666		41.18	41.18		0.	-302	4.84	-73.		0.	-166	0.000		0.	-29	0.47	0.000	
1667		19.01	19.01		326	-290	5.87	-71.		387	-95	0.000		429	11	1.33	0.008	
1668		19.01	19.01		0.	-297	5.34	-80.		0.	-93	0.000		0.	-4	0.07	0.000	
1669		19.01	19.01		0.	-310	5.57	-84.		0.	-181	0.000		0.	-51	0.92	0.000	
1670		19.01	19.01		0.	-344	6.18	-93.		0.	-230	0.000		0.	-116	2.08	0.000	
1671		19.01	19.01		1027	-99	3.87	-4.		1176	43	0.027		1203	74	1.87	0.039	
1672		19.01	19.01		0.	-150	2.70	-40.		0.	19	0.008		0.	67	0.00	0.027	
1673		19.01	19.01		0.	-182	3.26	-49.		0.	-77	0.000		0.	27	0.00	0.011	
1674		19.01	19.01		0.	-245	4.39	-66.		0.	-147	0.000		0.	-49	0.89	0.000	
1675		19.01	19.01		1853	54	5.60	398.		1957	124	0.065		1959	124	2.82	0.065	
1676		19.01	19.01		416	51	0.00	196.		531	131	0.055		584	160	0.00	0.067	
1677		19.01	19.01		0.	47	0.00	123.		0.	102	0.041		0.	161	0.00	0.064	
1678		19.01	19.01		0.	-9	0.16	-2.		0.	44	0.017		0.	95	0.00	0.038	
1679		19.01	19.01		2118	103	4.83	571.		2196	116	0.064		2202	102	5.26	0.059	
1680		19.01	19.01		1459	198	0.00	734.		1505	193	0.087		1558	201	0.00	0.091	
1681		19.01	19.01		0.	303	0.00	798.		0.	302	0.121		0.	312	0.00	0.125	
1682		19.01	19.01		0.	397	0.00	1044.		0.	392	0.156		0.	386	0.00	0.154	
1683		41.18	41.18		0.	-143	2.30	-34.		0.	-39	0.000		0.	65	0.00	0.006	
1684		41.18	41.18		0.	-258	4.14	-62.		0.	-130	0.000		0.	-29	0.46	0.000	
1685		19.01	19.01		0.	-255	4.58	-69.		0.	-110	0.000		0.	-7	0.13	0.000	
1686		19.01	19.01		0.	-246	4.42	-66.		0.	-114	0.000		0.	-46	0.82	0.000	
1687		19.01	19.01		0.	-232	4.16	-62.		0.	-155	0.000		0.	-92	1.65	0.000	
1688		19.01	19.01		0.	-106	1.91	-29.		0.	-1	0.000		0.	25	0.00	0.010	
1689		19.01	19.01		0.	16	0.00	42.		0.	42	0.017		0.	45	0.00	0.018	
1690		19.01	19.01		0.	113	0.00	296.		0.	148	0.059		0.	146	0.00	0.058	
1691		19.01	19.01		0.	414	0.00	1089.		0.	374	0.149		0.	333	0.00	0.133	
1692		19.01	19.01		957	307	0.00	947.		934	280	0.117		903	253	0.00	0.106	
1693		41.18	41.18		2290	-219	7.48	-10.		1749	-120	0.000		1683	65	2.82	0.009	
1694		41.18	41.18		1303	-145	4.59	-11.		1097	-70	0.000		972	30	1.83	0.005	
1695		41.18	41.18		900	-177	4.40	-26.		859	-49	0.000		723	17	1.47	0.003	
1696		24.55	24.55		2288	-135	7.53	37.		1934	-31	0.009		1857	37	5.25	0.020	
1697		24.55	24.55		1838	-75	6.05	66.		1644	-10	0.010		1602	-6	5.12	0.010	
1698		24.55	24.55		1395	-33	4.61	87.		1354	-18	0.007		1325	-1	4.20	0.009	
1699		19.01	19.01		2154	-17	7.84	250.		2047	3	0.023		2053	3	7.32	0.023	
1700		19.01	19.01		1824	-12	6.63	218.		1740	-9	0.017		1745	-9	6.32	0.017	
1701		19.01	19.01		1387	-8	5.03	168.		1375	-26	0.010		1379	-26	5.05	0.010	
1702		19.01	19.01		1683	20	5.75	284.		1658	3	0.019		1664	-1	5.96	0.018	
1703		19.01	19.01		1557	20	5.30	265.		1371	-8	0.013		1364	-4	4.92	0.014	
1704		19.01	19.01		1400	14	4.82	230.		1217	-10	0.011		1208	-6	4.37	0.012	
1705		19.01	19.01		747	13	2.47	138.		732	-4	0.007		737	-1	2.64	0.008	
1706		19.01	19.01		669	14	2.17	128.		620	-4	0.006		607	-13	2.22	0.004	
1707		19.01	19.01		683	16	2.17	135.		638	-4	0.006		620	-12	2.27	0.004	
1708		41.18	41.18		177	-62	1.30	-12.		372	-6	0.001		239	-2	0.60	0.001	
1709		24.55	24.55		439	-4	1.42	39.		631	-8	0.003		608	-6	1.97	0.003	
1710		19.01	19.01		375	-3	1.36	45.		476	-33	0.000		476	-33	1.67	0.000	
1711		19.01	19.01		677	-1	2.43	90.		542	-23	0.002		533	-19	1.92	0.002	
1712		19.01	19.01		526	6	1.81	87.		456	-8	0.003		436	-12	1.59	0.002	
1713		41.18	41.18		0.	-25	0.41	-6.		0.	-23	0.000		0.	-20	0.32	0.000	
1714		24.55	24.55		0.	-13	0.23	-3.		0.	-42	0.000		0.	-43	0.74	0.000	
1715		19.01	19.01		0.	4	0.00	10.		0.	-14	0.000		0.	-21	0.37	0.000	
1716		19.01	19.01		0.	15	0.00	39.		0.	-7	0.000		0.	-20	0.36	0.000	
1717		19.01	19.01		0.	20	0.00	53.		0.	-5	0.000		0.	-7	0.12	0.000	
2583		41.18	41.18		0.	-2	0.04	-1.		0.	-4	0.000		0.	-2	0.04	0.000	
2584		41.18	41.18		0.	-24	0.38	-6.		0.	12	0.001		0.	6	0.00	0.001	
2585		41.18	41.18		0.	-1	0.02	0.		0.	-8	0.000		0.	-8	0.13	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2586		41.18	41.18		0.	-32	0.52	-8.		0.	4	0.000		0.	4	0.00	0.000
2587		41.18	41.18		0.	36	0.00	44.		0.	58	0.005		0.	58	0.00	0.005
2588		41.18	41.18		828	66	0.00	136.		267	44	0.004		245	55	0.00	0.005
2589		41.18	41.18		0.	36	0.00	44.		0.	43	0.004		0.	43	0.00	0.004
2590		41.18	41.18		865	60	0.46	130.		324	29	0.003		305	38	0.00	0.004
2591		41.18	41.18		0.	110	0.00	134.		261	51	0.005		281	24	0.00	0.003
2592		41.18	41.18		0.	115	0.00	139.		217	55	0.005		273	27	0.00	0.003
2593		41.18	41.18		0.	74	0.00	90.		275	41	0.004		298	26	0.00	0.003
2594		41.18	41.18		0.	43	0.00	52.		63	27	0.003		134	27	0.00	0.003
2597		41.18	41.18		0.	-3	0.04	-1.		0.	20	0.002		0.	17	0.00	0.002
2598		41.18	41.18		1147	-194	5.10	-25.		745	-7	0.002		573	2	1.36	0.002
2599		41.18	41.18		1030	97	0.00	187.		501	49	0.005		401	45	0.00	0.005
2600		41.18	41.18		1126	137	0.00	242.		437	67	0.007		308	64	0.00	0.006
2601		41.18	41.18		1575	-372	8.70	-60.		1357	27	0.006		1357	27	2.85	0.006
2602		41.18	41.18		1481	-442	9.65	-79.		1231	28	0.005		1231	28	2.51	0.005
2603		41.18	41.18		1615	-414	9.44	-69.		1391	24	0.005		1391	24	2.99	0.005
2604		41.18	41.18		1752	-423	9.81	-69.		1791	21	0.006		1792	21	4.03	0.006
2605		41.18	41.18		1710	-430	9.86	-71.		1926	16	0.006		1928	16	4.45	0.006
2606		41.18	41.18		1540	-393	8.97	-66.		1881	9	0.006		1883	9	4.44	0.006
2607		41.18	41.18		1416	-313	7.47	-49.		1668	-2	0.004		1670	-2	4.07	0.004
2608		41.18	41.18		1046	-311	6.80	-55.		1290	6	0.004		1292	6	3.05	0.004
2609		41.18	41.18		146	-497	8.22	-117.		408	-146	0.000		512	14	0.99	0.002
2612		41.18	41.18		909	-488	9.40	-100.		1165	-130	0.000		1245	-21	3.23	0.002
2613		41.18	41.18		1608	-459	10.15	-80.		1912	-30	0.004		1914	-30	4.95	0.004
2614		41.18	41.18		1800	-442	10.22	-73.		2156	-24	0.005		2158	-24	5.49	0.005
2615		41.18	41.18		1675	-579	12.19	-108.		2172	-35	0.004		2186	-18	5.50	0.005
2616		41.18	41.18		1659	-577	12.13	-108.		1726	-223	0.000		1977	-21	5.02	0.004
2617		41.18	41.18		1509	-578	11.89	-111.		1430	-306	0.000		1455	-33	3.84	0.002
2618		41.18	41.18		1116	-581	11.25	-119.		987	-319	0.000		896	-56	2.59	0.000
2619		41.18	41.18		588	-263	5.23	-52.		426	-149	0.000		271	-36	1.04	0.000
2622		41.18	41.18		0.	-289	4.63	-69.		0.	-145	0.000		0.	-1	0.02	0.000
2623		41.18	41.18		0.	-64	1.03	-15.		0.	11	0.001		0.	85	0.00	0.008
2624		41.18	41.18		0.	-205	3.28	-49.		0.	-110	0.000		0.	-17	0.27	0.000
2625		41.18	41.18		6	-181	2.92	-44.		0.	-121	0.000		0.	-61	0.98	0.000
2645		41.18	41.18		0.	-388	6.23	-93.		0.	-145	0.000		0.	-28	0.45	0.000
2646		41.18	41.18		0.	-462	7.42	-111.		0.	-158	0.000		0.	-12	0.19	0.000
2647		19.01	19.01		0.	-439	7.88	-118.		0.	-154	0.000		0.	-18	0.31	0.000
2649		41.18	41.18		0.	-373	5.99	-90.		0.	-159	0.000		0.	-2	0.03	0.000
2651		19.01	19.01		0.	-395	7.09	-106.		0.	-152	0.000		0.	-13	0.23	0.000
2652		41.18	41.18		0.	-393	6.30	-95.		0.	-169	0.000		0.	-12	0.19	0.000
3824		19.01	19.01		0.	-13	0.24	-4.		0.	-29	0.000		0.	-29	0.53	0.000
3825		19.01	19.01		0.	-15	0.28	-4.		0.	-32	0.000		0.	-32	0.58	0.000
3826		19.01	19.01		0.	-19	0.34	-5.		0.	-28	0.000		0.	-28	0.49	0.000
3828		19.01	19.01		0.	-10	0.18	-3.		0.	-13	0.000		0.	-12	0.22	0.000
3829		19.01	19.01		0.	-9	0.16	-2.		0.	-18	0.000		0.	-18	0.33	0.000
3830		19.01	19.01		0.	-6	0.11	-2.		0.	-21	0.000		0.	-21	0.37	0.000
3832		19.01	19.01		0.	-118	2.12	-32.		0.	-21	0.000		0.	7	0.00	0.003
3834		19.01	19.01		0.	-106	1.90	-28.		0.	-52	0.000		0.	-9	0.17	0.000
3835		19.01	19.01		0.	-115	2.07	-31.		0.	-31	0.000		0.	-2	0.03	0.000
3836		19.01	19.01		0.	-164	2.94	-44.		0.	-18	0.000		0.	-1	0.02	0.000
3837		19.01	19.01		0.	-157	2.82	-42.		0.	-6	0.000		0.	-2	0.04	0.000
3838		19.01	19.01		0.	-143	2.57	-39.		0.	-1	0.000		0.	-9	0.16	0.000
3840		41.18	41.18		0.	-63	1.01	-15.		0.	5	0.000		0.	13	0.00	0.001
3841		41.18	41.18		0.	-123	1.97	-30.		0.	-19	0.000		0.	9	0.00	0.001
3842		19.01	19.01		0.	-137	2.46	-37.		0.	-14	0.000		0.	4	0.00	0.002
3844		41.18	41.18		0.	-2	0.04	-1.		0.	2	0.000		26	25	0.00	0.002
3846		19.01	19.01		0.	-109	1.95	-29.		0.	0.	0.000		0.	16	0.00	0.006
3847		41.18	41.18		0.	-71	1.13	-17.		0.	-10	0.000		0.	21	0.00	0.002
5587		19.01	19.01		0.	-78	1.40	-21.		0.	-14	0.000		0.	-14	0.25	0.000
5588		19.01	19.01		0.	-46	0.82	-12.		0.	-6	0.000		0.	-8	0.14	0.000
5589		19.01	19.01		0.	-4	0.07	-1.		0.	-11	0.000		0.	-10	0.17	0.000
5590		19.01	19.01		0.	-9	0.16	-2.		0.	-3	0.000		0.	0.	0.00	0.000
5591		19.01	19.01		0.	-14	0.25	-4.		0.	-2	0.000		0.	0.	0.00	0.000
5594		19.01	19.01		0.	-145	2.61	-39.		0.	-17	0.000		0.	-17	0.30	0.000
5595		19.01	19.01		0.	-80	1.44	-22.		0.	-10	0.000		0.	-7	0.13	0.000
5596		19.01	19.01		0.	-1	0.01	0.		0.	-7	0.000		0.	-6	0.12	0.000
5597		19.01	19.01		0.	-35	0.64	-10.		0.	2	0.001		0.	0.	0.00	0.000
5598		19.01	19.01		0.	-32	0.57	-9.		0.	10	0.004		0.	6	0.00	0.002
5615		19.01	19.01		81	-28	0.66	-6.		0.	-124	0.000		0.	-23	0.42	0.000
5616		19.01	19.01		60	-124	2.35	-32.		0.	-89	0.000		0.	-22	0.40	0.000
5617		19.01	19.01		28	8	0.00	25.		0.	-14	0.000		0.	-19	0.33	0.000
5618		19.01	19.01		213	152	0.00	430.		0.	29	0.012		0.	6	0.00	0.002
5619		19.01	19.01		36	139	0.00	371.		184	46	0.019		206	21	0.00	0.010
5622		19.01	19.01		5404	-155	19.67	366.		246	-47	0.000		14	-51	0.94	0.000
5623		19.01	19.01		4483	-34	16.30	527.		405	-33	0.000		0.	-34	0.61	0.000
5624		19.01	19.01		2380	93	6.41	577.		271	8	0.006		0.	-21	0.38	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5625		19.01	19.01		735	267	0.00	809.		173	58	0.024		0.	12	0.00	0.005	
5626		19.01	19.01		0.	200	0.00	525.		256	62	0.026		292	25	0.00	0.012	
5627		19.01	19.01		3433	-116	12.40	196.		2857	12	0.035		3345	125	9.19	0.079	
5628		19.01	19.01		0.	39	0.00	103.		0.	138	0.055		879	165	0.00	0.071	
5629		19.01	19.01		0.	-31	0.55	-8.		0.	56	0.022		17	50	0.00	0.020	
5630		19.01	19.01		4990	-688	22.52	-75.		3849	-328	0.000		2733	-30	9.98	0.024	
5631		19.01	19.01		0.	-308	5.52	-83.		432	-73	0.000		1727	67	4.65	0.042	
5632		19.01	19.01		0.	-160	2.87	-43.		392	-39	0.000		1157	48	2.99	0.029	
5633		19.01	19.01		5571	-811	25.92	-96.		3669	-461	0.000		1783	-71	6.37	0.006	
5634		19.01	19.01		0.	-546	9.81	-147.		668	-276	0.000		1547	-20	5.66	0.013	
5635		19.01	19.01		0.	-264	4.73	-71.		568	-126	0.000		1175	32	3.62	0.023	
5636		19.01	19.01		6030	-486	21.66	20.		3520	-260	0.002		912	-34	3.27	0.004	
5637		19.01	19.01		205	-233	4.61	-58.		674	-108	0.000		1151	-16	4.21	0.009	
5638		19.01	19.01		338	-171	3.76	-39.		638	-65	0.000		941	40	2.39	0.024	
5639		19.01	19.01		3875	227	6.74	1155.		2054	110	0.061		187	12	0.29	0.006	
5640		19.01	19.01		1203	162	0.00	601.		922	124	0.056		647	63	0.00	0.030	
5641		19.01	19.01		709	90	0.00	339.		664	71	0.033		622	52	0.00	0.026	
5642		19.01	19.01		1760	312	0.00	1079.		746	173	0.073		0.	29	0.00	0.012	
5643		19.01	19.01		1351	283	0.00	943.		735	191	0.080		224	66	0.00	0.028	
5644		19.01	19.01		1022	93	0.00	393.		637	84	0.038		422	42	0.00	0.020	
5645		19.01	19.01		280	196	0.00	556.		9	122	0.049		0.	28	0.00	0.011	
5647		19.01	19.01		1122	-36	4.06	69.		640	31	0.018		384	12	1.14	0.008	
5662		19.01	19.01		0.	-60	1.08	-16.		0.	-11	0.000		0.	-22	0.40	0.000	
5663		19.01	19.01		0.	-106	1.90	-29.		0.	-28	0.000		0.	-8	0.14	0.000	
5664		19.01	19.01		0.	-104	1.86	-28.		37	-17	0.000		184	-13	0.65	0.000	
5665		19.01	19.01		0.	-97	1.75	-26.		0.	-29	0.000		0.	-7	0.12	0.000	
5666		19.01	19.01		229	-118	2.59	-27.		395	-30	0.000		481	-15	1.74	0.002	
5667		19.01	19.01		0.	-81	1.45	-22.		136	-31	0.000		211	-6	0.77	0.001	
5668		19.01	19.01		195	-126	2.66	-30.		341	-37	0.000		402	-9	1.47	0.003	
5669		19.01	19.01		66	-74	1.46	-18.		298	-28	0.000		313	0.	1.12	0.003	
5670		19.01	19.01		117	13	0.00	53.		192	9	0.005		263	7	0.81	0.005	
5671		19.01	19.01		330	13	0.88	81.		350	7	0.006		356	6	1.18	0.006	
5672		19.01	19.01		9	-81	1.47	-22.		67	-49	0.000		118	-4	0.42	0.001	
5673		19.01	19.01		44	-59	1.15	-15.		128	-27	0.000		196	-24	0.82	0.000	
5674		19.01	19.01		0.	-235	4.22	-63.		0.	-125	0.000		0.	-21	0.38	0.000	
5675		19.01	19.01		0.	-205	3.67	-55.		0.	-102	0.000		0.	-28	0.51	0.000	
5697		19.01	19.01		0.	-167	2.99	-45.		0.	-17	0.000		432	38	0.00	0.018	
5698		19.01	19.01		0.	-83	1.48	-22.		704	166	0.070		1195	219	0.00	0.095	
5699		19.01	19.01		2996	-232	10.67	15.		1684	-44	0.010		1083	143	0.00	0.065	
5700		19.01	19.01		0.	-170	3.05	-46.		470	-20	0.001		1297	58	3.19	0.034	
5701		19.01	19.01		0.	-212	3.81	-57.		439	99	0.042		1510	201	0.00	0.091	
5702		19.01	19.01		3061	-542	15.98	-79.		2110	-254	0.000		1438	36	4.51	0.027	
5703		19.01	19.01		89	-221	4.15	-58.		773	-54	0.001		1417	67	3.33	0.039	
5704		19.01	19.01		0.	-359	6.45	-97.		960	-8	0.009		1467	136	0.00	0.065	
5705		19.01	19.01		5067	-721	23.27	-83.		3200	-363	0.000		1348	24	4.45	0.022	
5706		19.01	19.01		694	-223	5.41	-45.		1062	-76	0.001		1473	57	3.98	0.035	
5707		19.01	19.01		452	-393	7.98	-96.		1294	-98	0.001		1413	64	3.44	0.037	
5708		19.01	19.01		6087	-658	24.23	-43.		3655	-323	0.000		1233	11	4.27	0.017	
5709		19.01	19.01		1304	-103	4.66	5.		1291	-39	0.007		1355	18	4.60	0.020	
5710		19.01	19.01		1684	-259	8.09	-33.		1387	-166	0.000		1098	7	3.84	0.014	
5711		19.01	19.01		3499	-253	12.32	28.		1773	-142	0.000		55	-33	0.70	0.000	
5712		19.01	19.01		1705	-44	6.22	125.		1392	-40	0.007		1067	-13	3.90	0.009	
5713		19.01	19.01		1613	-70	5.72	63.		1048	-66	0.001		147	-26	0.76	0.000	
5714		19.01	19.01		0.	-134	2.41	-36.		0.	-104	0.000		0.	-11	0.19	0.000	
5724		19.01	19.01		4796	-518	19.08	-34.		3008	-240	0.001		1233	23	4.05	0.021	
5725		19.01	19.01		0.	-333	5.99	-90.		0.	15	0.006		0.	15	0.00	0.006	
5726		19.01	19.01		0.	-13	0.23	-3.		0.	7	0.003		0.	7	0.00	0.003	
5727		19.01	19.01		2979	-367	12.66	-33.		1467	-165	0.000		156	19	0.00	0.009	
5728		19.01	19.01		0.	-230	4.13	-62.		0.	6	0.002		0.	12	0.00	0.005	
5729		19.01	19.01		0.	-2	0.04	-1.		0.	1	0.001		0.	2	0.00	0.001	
5730		19.01	19.01		1549	-156	5.95	-8.		157	-57	0.000		0.	22	0.00	0.009	
5731		19.01	19.01		398	-88	2.39	-15.		0.	-9	0.000		0.	-3	0.06	0.000	
5732		19.01	19.01		0.	10	0.00	25.		0.	-19	0.000		0.	-16	0.29	0.000	
5733		19.01	19.01		0.	-16	0.29	-4.		0.	24	0.010		0.	63	0.00	0.025	
5734		19.01	19.01		0.	-65	1.17	-18.		0.	-24	0.000		0.	-15	0.26	0.000	
5735		19.01	19.01		365	-82	2.21	-14.		73	-54	0.000		0.	-23	0.40	0.000	
5736		19.01	19.01		0.	-14	0.24	-4.		0.	36	0.015		0.	86	0.00	0.034	
5737		19.01	19.01		0.	-144	2.59	-39.		0.	-75	0.000		0.	-8	0.14	0.000	
5745		19.01	19.01		0.	-177	3.17	-48.		0.	6	0.003		0.	6	0.00	0.003	
5746		19.01	19.01		0.	-284	5.10	-77.		0.	-4	0.000		0.	-4	0.07	0.000	
5747		19.01	19.01		0.	-155	2.78	-42.		0.	6	0.002		0.	6	0.00	0.002	
5748		19.01	19.01		0.	-142	2.55	-38.		0.	4	0.002		0.	4	0.00	0.002	
5749		19.01	19.01		0.	-177	3.19	-48.		0.	5	0.002		0.	5	0.00	0.002	
5750		19.01	19.01		0.	-107	1.92	-29.		0.	5	0.002		0.	5	0.00	0.002	
5751		19.01	19.01		0.	-39	0.71	-11.		0.	-7	0.000		0.	6	0.00	0.002	
5752		19.01	19.01		0.	-46	0.82	-12.		0.	-9	0.000		0.	12	0.00	0.005	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5753		19.01	19.01		0.	-13	0.23	-3.		0.	1	0.001		0.	3	0.00	0.001	
5754		19.01	19.01		125	-57	1.28	-13.		0.	-27	0.000		0.	19	0.00	0.007	
5755		19.01	19.01		0.	-11	0.19	-3.		0.	-20	0.000		0.	23	0.00	0.009	
5756		19.01	19.01		0.	-4	0.07	-1.		0.	-2	0.000		0.	2	0.00	0.001	
5758		19.01	19.01		15	-70	1.28	-18.		0.	-24	0.000		0.	19	0.00	0.007	
5759		19.01	19.01		0.	-22	0.40	-6.		0.	-7	0.000		0.	-3	0.05	0.000	
5760		19.01	19.01		1610	20	5.48	274.		2620	180	0.093		3517	131	9.67	0.083	
5763		19.01	19.01		1960	192	0.00	791.		2610	244	0.117		3183	165	6.77	0.092	
5764		19.01	19.01		726	221	0.00	689.		196	208	0.084		0.	105	0.00	0.042	
5765		19.01	19.01		0.	148	0.00	389.		0.	37	0.015		0.	-13	0.23	0.000	
5767		19.01	19.01		328	202	0.00	580.		0.	217	0.087		0.	134	0.00	0.053	
5768		19.01	19.01		0.	132	0.00	347.		0.	44	0.018		0.	3	0.00	0.001	
5772		19.01	19.01		150	-28	0.81	-4.		0.	-37	0.000		0.	-33	0.59	0.000	
5773		19.01	19.01		1318	-45	4.76	75.		1034	77	0.039		1057	105	0.00	0.050	
5774		19.01	19.01		81	-83	1.65	-21.		482	97	0.042		1132	277	0.00	0.117	
5775		19.01	19.01		0.	-28	0.50	-7.		0.	-29	0.000		0.	41	-10	0.27	0.000
5776		19.01	19.01		960	-39	3.42	42.		1011	113	0.052		1120	149	0.00	0.067	
5777		19.01	19.01		1088	-40	3.91	55.		943	94	0.044		1115	228	0.00	0.098	
5778		19.01	19.01		0.	-103	1.85	-28.		0.	-60	0.000		0.	-60	1.07	0.000	
5779		19.01	19.01		0.	-66	1.18	-18.		0.	-46	0.000		0.	-46	0.83	0.000	
5780		19.01	19.01		0.	-73	1.31	-20.		0.	-46	0.000		0.	-48	0.86	0.000	
5781		19.01	19.01		0.	-27	0.48	-7.		0.	-28	0.000		0.	-32	0.57	0.000	
5782		19.01	19.01		0.	-47	0.84	-13.		0.	-38	0.000		0.	-43	0.77	0.000	
5783		19.01	19.01		0.	-12	0.21	-3.		0.	-24	0.000		0.	-30	0.53	0.000	
5785		41.18	41.18		172	62	0.00	87.		0.	107	0.010		0.	30	0.00	0.003	
5786		41.18	41.18		0.	63	0.00	76.		0.	53	0.005		0.	21	0.00	0.002	
5787		41.18	41.18		0.	82	0.00	100.		0.	75	0.007		0.	23	0.00	0.002	
5789		41.18	41.18		1144	-109	3.73	-5.		664	-32	0.000		469	4	1.07	0.002	
5790		41.18	41.18		1140	-143	4.27	-13.		712	-20	0.001		483	5	1.09	0.002	
5791		41.18	41.18		952	-47	2.66	16.		559	85	0.009		299	26	0.00	0.003	
5792		19.01	19.01		898	200	0.00	658.		325	159	0.065		0.	50	0.00	0.020	
5793		19.01	19.01		1091	22	3.54	209.		621	92	0.041		290	37	0.00	0.017	
5795		19.01	19.01		508	136	0.00	431.		100	129	0.052		0.	34	0.00	0.014	
5797		41.18	41.18		0.	-311	4.98	-75.		0.	-155	0.000		0.	-15	0.25	0.000	
5798		41.18	41.18		0.	-334	5.35	-80.		0.	-145	0.000		0.	-1	0.01	0.000	
5799		41.18	41.18		0.	-506	8.11	-122.		0.	-227	0.000		0.	-3	0.05	0.000	
5801		41.18	41.18		0.	-563	9.02	-135.		0.	-255	0.000		84	-36	0.72	0.000	
5802		41.18	41.18		0.	-326	5.22	-78.		0.	-120	0.000		0.	-25	0.40	0.000	
5803		41.18	41.18		0.	-305	4.89	-73.		0.	-117	0.000		0.	-30	0.48	0.000	
5804		19.01	19.01		895	-134	4.23	-16.		584	-85	0.000		369	-33	1.34	0.000	
5805		19.01	19.01		575	-150	3.86	-28.		299	-93	0.000		45	-36	0.75	0.000	
5807		19.01	19.01		937	-206	5.61	-35.		673	-123	0.000		464	-39	1.68	0.000	
5808		19.01	19.01		0.	-99	1.78	-27.		0.	-77	0.000		0.	-54	0.97	0.000	
5809		19.01	19.01		0.	-163	2.93	-44.		0.	-123	0.000		0.	-47	0.84	0.000	
5811		19.01	19.01		31	-175	3.20	-46.		0.	-118	0.000		0.	-62	1.11	0.000	
5812		19.01	19.01		0.	-168	3.02	-45.		0.	-137	0.000		0.	-3	0.05	0.000	
5813		19.01	19.01		0.	-245	4.41	-66.		0.	-133	0.000		0.	12	0.00	0.005	
5815		19.01	19.01		0.	-207	3.71	-56.		0.	-152	0.000		0.	-56	1.00	0.000	
5817		41.18	41.18		0.	-201	3.22	-48.		0.	-128	0.000		0.	-55	0.88	0.000	
5818		41.18	41.18		0.	-252	4.04	-61.		0.	-155	0.000		0.	-59	0.95	0.000	
5819		41.18	41.18		351	-178	3.46	-36.		137	-104	0.000		0.	-30	0.48	0.000	
5821		41.18	41.18		0.	-223	3.58	-54.		0.	-158	0.000		0.	-63	1.01	0.000	
5822		41.18	41.18		0.	-251	4.02	-60.		0.	-173	0.000		0.	-63	1.01	0.000	
5823		41.18	41.18		0.	-185	2.97	-45.		0.	-131	0.000		0.	-61	0.97	0.000	
5824		19.01	19.01		548	-110	3.08	-17.		367	-77	0.000		235	-39	1.18	0.000	
5825		19.01	19.01		475	-195	4.47	-42.		353	-108	0.000		267	-25	0.98	0.000	
5827		19.01	19.01		109	-154	2.99	-39.		7	-109	0.000		0.	-65	1.16	0.000	
5828		19.01	19.01		409	-63	1.96	-8.		226	-24	0.000		122	26	0.00	0.011	
5829		19.01	19.01		546	-122	3.30	-21.		273	-58	0.000		96	32	0.00	0.013	
5831		19.01	19.01		806	-84	3.15	-5.		509	-70	0.000		349	41	0.00	0.019	
5834		19.01	19.01		929	142	0.00	508.		305	153	0.062		0.	59	0.00	0.023	
5835		19.01	19.01		1878	-105	6.55	42.		1665	115	0.059		1515	100	1.88	0.052	
5837		19.01	19.01		0.	-28	0.50	-8.		0.	34	0.013		0.	9	0.00	0.004	
5838		19.01	19.01		0.	47	0.00	124.		0.	-9	0.000		0.	-43	0.77	0.000	
5841		19.01	19.01		518	-287	6.21	-66.		260	-57	0.000		86	-40	0.89	0.000	
5842		19.01	19.01		271	-74	1.89	-14.		0.	-6	0.000		0.	-1	0.02	0.000	
5843		19.01	19.01		134	-92	1.93	-22.		0.	-54	0.000		0.	-53	0.95	0.000	
5845		19.01	19.01		1665	-343	9.54	-56.		1445	-22	0.011		1319	26	4.30	0.023	
5846		19.01	19.01		1514	-113	5.35	10.		1094	11	0.015		987	57	1.75	0.031	
5847		19.01	19.01		1052	-206	5.84	-32.		666	2	0.008		386	49	0.00	0.022	
5849		19.01	19.01		0.	-336	6.04	-91.		0.	-4	0.000		890	328	0.00	0.135	
5850		19.01	19.01		279	-70	1.82	-13.		724	110	0.049		1328	290	0.00	0.123	
5851		19.01	19.01		1031	-182	5.36	-26.		1157	259	0.110		947	304	0.00	0.126	
8392		19.01	19.01		2089	166	0.00	743.		2724	234	0.114		3174	168	6.55	0.094	
8393		19.01	19.01		2772	293	0.00	1177.		2596	256	0.121		2591	181	2.28	0.093	
8394		19.01	19.01		3723	237	5.23	1162.		3353	218	0.114		3264	180	6.35	0.099	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8396		19.01	19.01		0.	38	0.00	100.		0.	138	0.055		0.	85	0.00	0.034	
8719		41.18	41.18		493	-237	4.66	-48.		534	-97	0.000		548	-23	1.51	0.000	
8720		41.18	41.18		267	-241	4.33	-53.		399	-61	0.000		499	24	0.71	0.003	
8721		41.18	41.18		786	-413	7.99	-85.		851	-168	0.000		624	0.	1.51	0.002	
8722		41.18	41.18		1124	-270	6.28	-44.		1085	-97	0.000		901	37	1.44	0.005	

ARMATURA INFERIORE VERTICALE

				COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE							
GUSCI	Af	Afc		Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP				
1404		19.01	19.01		221	40	0.00	137.		162	39	0.016		118	39	0.00	0.016	
1405		19.01	19.01		69	27	0.00	81.		12	29	0.012		0.	32	0.00	0.013	
1406		19.01	19.01		0.	25	0.00	64.		0.	31	0.012		0.	35	0.00	0.014	
1407		19.01	19.01		0.	-16	0.29	-4.		0.	1	0.000		0.	7	0.00	0.003	
1408		19.01	19.01		0.	-20	0.36	-5.		0.	-20	0.000		0.	-16	0.28	0.000	
1409		19.01	19.01		0.	2	0.00	4.		0.	-14	0.000		0.	-10	0.18	0.000	
1410		19.01	19.01		0.	8	0.00	22.		0.	-12	0.000		0.	-8	0.14	0.000	
1411		19.01	19.01		0.	0.	0.01	0.		0.	-16	0.000		0.	-11	0.20	0.000	
1412		19.01	19.01		0.	-46	0.83	-12.		0.	-41	0.000		0.	-40	0.72	0.000	
1413		19.01	19.01		0.	-63	1.12	-17.		0.	-55	0.000		0.	-55	0.99	0.000	
1414		19.01	19.01		0.	-67	1.21	-18.		0.	-61	0.000		0.	-60	1.08	0.000	
1415		19.01	19.01		0.	-67	1.20	-18.		0.	-64	0.000		0.	-63	1.13	0.000	
1416		19.01	19.01		0.	-64	1.15	-17.		0.	-63	0.000		0.	-63	1.13	0.000	
1417		19.01	19.01		0.	-58	1.04	-16.		0.	-60	0.000		0.	-59	1.06	0.000	
1418		19.01	19.01		0.	-50	0.89	-13.		0.	-53	0.000		0.	-52	0.94	0.000	
1419		19.01	19.01		0.	-32	0.57	-9.		0.	-37	0.000		0.	-36	0.64	0.000	
1420		19.01	19.01		0.	-22	0.40	-6.		0.	-14	0.000		0.	-14	0.25	0.000	
1421		19.01	19.01		0.	-5	0.08	-1.		0.	-2	0.000		0.	-2	0.04	0.000	
1422		19.01	19.01		0.	-3	0.05	-1.		0.	-4	0.000		0.	-5	0.10	0.000	
1423		19.01	19.01		0.	-18	0.32	-5.		0.	-18	0.000		0.	-17	0.31	0.000	
1424		19.01	19.01		0.	-24	0.42	-6.		0.	-25	0.000		0.	-24	0.44	0.000	
1425		19.01	19.01		0.	-29	0.51	-8.		0.	-31	0.000		0.	-30	0.54	0.000	
1426		19.01	19.01		0.	-29	0.53	-8.		0.	-34	0.000		0.	-34	0.60	0.000	
1427		19.01	19.01		0.	-22	0.40	-6.		0.	-30	0.000		0.	-31	0.56	0.000	
1428		19.01	19.01		660	-12	2.42	60.		718	-22	0.004		712	-27	2.55	0.003	
1429		19.01	19.01		1819	19	6.26	299.		1850	37	0.032		1826	43	5.79	0.034	
1430		19.01	19.01		2771	207	1.01	949.		2770	220	0.109		2728	225	0.00	0.111	
1431		19.01	19.01		2680	330	0.00	1260.		2635	340	0.154		2571	348	0.00	0.156	
1432		19.01	19.01		2994	389	0.00	1462.		2895	369	0.167		2782	376	0.00	0.169	
1433		19.01	19.01		2914	444	0.00	1593.		2787	417	0.185		2641	390	0.00	0.173	
1434		19.01	19.01		2587	371	0.00	1353.		2501	345	0.155		2364	320	0.00	0.144	
1435		19.01	19.01		1645	144	0.00	619.		1621	127	0.064		1521	109	1.09	0.056	
1436		19.01	19.01		642	43	0.77	205.		674	30	0.018		609	16	1.88	0.012	
1437		19.01	19.01		0.	-30	0.55	-8.		0.	-39	0.000		0.	-50	0.89	0.000	
1438		19.01	19.01		0.	-68	1.22	-18.		0.	-72	0.000		0.	-59	1.06	0.000	
1439		19.01	19.01		0.	-85	1.53	-23.		0.	-80	0.000		0.	-63	1.14	0.000	
1440		19.01	19.01		0.	-90	1.62	-24.		0.	-87	0.000		0.	-66	1.18	0.000	
1441		19.01	19.01		0.	-88	1.58	-24.		0.	-92	0.000		0.	-66	1.19	0.000	
1442		19.01	19.01		0.	-80	1.43	-21.		0.	-83	0.000		0.	-66	1.18	0.000	
1443		19.01	19.01		0.	-59	1.06	-16.		0.	-67	0.000		0.	-62	1.12	0.000	
1444		19.01	19.01		0.	-26	0.46	-7.		0.	-43	0.000		0.	-49	0.88	0.000	
1445		19.01	19.01		0.	-3	0.05	-1.		0.	-28	0.000		0.	-42	0.75	0.000	
1508		19.01	19.01		534	-169	4.13	-34.		1579	-179	0.000		1575	-178	6.41	0.000	
1511		19.01	19.01		329	-55	1.66	-8.		373	-86	0.000		407	-98	2.59	0.000	
1512		19.01	19.01		286	-18	1.00	5.		284	-28	0.000		207	-45	1.23	0.000	
1513		19.01	19.01		263	-119	2.67	-26.		1357	-133	0.000		1354	-132	5.13	0.000	
1514		19.01	19.01		478	-76	2.33	-10.		1166	-109	0.000		1164	-108	4.31	0.000	
1515		19.01	19.01		693	-65	2.59	-2.		1029	-94	0.000		1029	-93	3.76	0.000	
1516		19.01	19.01		632	-52	2.29	1.		622	-73	0.000		634	-78	2.69	0.000	
1517		19.01	19.01		453	-20	1.61	17.		468	-33	0.000		449	-43	1.69	0.000	
1518		19.01	19.01		0.	-45	0.81	-12.		1068	-87	0.000		1066	-87	3.84	0.000	
1519		19.01	19.01		0.	94	0.00	247.		837	-47	0.001		833	-46	2.91	0.002	
1520		19.01	19.01		0.	152	0.00	399.		1039	-70	0.001		1037	-69	3.62	0.001	
1521		19.01	19.01		436	-41	1.62	-1.		1077	-78	0.001		1074	-77	3.78	0.001	
1522		19.01	19.01		366	13	1.03	85.		865	-46	0.002		863	-45	3.02	0.002	
1523		19.01	19.01		203	47	0.00	152.		837	-36	0.003		950	-52	3.32	0.002	
1524		19.01	19.01		789	-42	2.76	20.		1138	-70	0.002		1137	-69	3.96	0.002	
1525		19.01	19.01		907	-8	3.31	102.		1162	-38	0.005		1162	-38	4.20	0.006	
1526		19.01	19.01		762	5	2.66	119.		1101	-34	0.005		1108	-34	4.02	0.006	
1527		19.01	19.01		808	-35	2.87	32.		882	-50	0.002		892	-53	3.11	0.001	
1528		19.01	19.01		938	-14	3.44	93.		1064	-20	0.008		1070	-22	3.92	0.007	
1529		19.01	19.01		663	-7	2.42	72.		859	-20	0.005		866	-19	3.17	0.006	
1530		19.01	19.01		501	-13	1.83	36.		520	-13	0.003		513	-18	1.85	0.002	
1531		19.01	19.01		406	-9	1.49	32.		426	-4	0.004		432	-7	1.58	0.003	
1532		19.01	19.01		370	11	1.12	79.		453	-21	0.001		492	-10	1.80	0.003	
1533		19.01	19.01		0.	115	0.00	304.		940	-91	0.000		937	-90	3.52	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1535		19.01		19.01		0.	42	0.00	111.		410	-47	0.000		648	-63	2.45	0.000	
1537		19.01		19.01		322	28	0.00	120.		695	-39	0.001		715	-40	2.49	0.001	
1538		19.01		19.01		177	17	0.00	71.		542	-44	0.000		561	-45	2.01	0.000	
1539		19.01		19.01		283	9	0.82	64.		442	-24	0.001		477	-25	1.67	0.001	
1540		19.01		19.01		192	4	0.63	36.		348	-27	0.000		384	-28	1.35	0.000	
1541		19.01		19.01		14	29	0.00	79.		77	-24	0.000		118	-13	0.48	0.000	
1542		19.01		19.01		0.	32	0.00	83.		0.	-27	0.000		0.	-14	0.26	0.000	
1544		19.01		19.01		0.	-102	1.83	-27.		713	-50	0.001		713	-50	2.50	0.001	
1546		19.01		19.01		491	-99	2.78	-16.		844	-50	0.001		947	-44	3.34	0.003	
1547		19.01		19.01		297	-15	1.04	8.		651	-46	0.000		670	-47	2.35	0.000	
1548		19.01		19.01		1279	-92	4.50	11.		1593	-39	0.010		1592	-39	5.82	0.010	
1549		19.01		19.01		403	0.	1.45	54.		577	-30	0.001		615	-32	2.16	0.001	
1550		19.01		19.01		1451	-74	5.09	42.		1660	-35	0.011		1666	-35	6.10	0.011	
1551		19.01		19.01		135	22	0.00	77.		241	-26	0.000		347	-17	1.22	0.001	
1552		19.01		19.01		460	-34	1.62	3.		559	-64	0.000		640	-34	2.24	0.001	
1553		19.01		19.01		108	-82	1.69	-20.		562	-19	0.003		572	-18	2.07	0.003	
1554		19.01		19.01		130	-77	1.65	-18.		521	-8	0.004		550	-6	2.01	0.005	
1555		19.01		19.01		91	-44	0.97	-10.		598	-4	0.006		599	-4	2.18	0.006	
1556		19.01		19.01		68	-23	0.55	-5.		607	-13	0.004		608	-13	2.23	0.004	
1557		19.01		19.01		120	-37	0.90	-7.		567	-36	0.001		597	-37	2.08	0.001	
1558		19.01		19.01		33	-56	1.07	-14.		450	-37	0.000		538	-41	1.91	0.000	
1559		19.01		19.01		873	-83	3.26	-3.		1171	-28	0.007		1171	-27	4.28	0.007	
1560		19.01		19.01		921	-81	3.33	-2.		1237	-23	0.009		1237	-23	4.53	0.009	
1561		19.01		19.01		888	-71	3.18	3.		1274	-28	0.008		1274	-28	4.67	0.008	
1562		19.01		19.01		859	-67	3.06	4.		1244	-39	0.006		1245	-39	4.51	0.006	
1563		19.01		19.01		765	-73	2.86	-3.		1150	-57	0.003		1151	-57	4.05	0.003	
1564		19.01		19.01		600	-77	2.60	-7.		973	-63	0.001		1005	-64	3.50	0.001	
1565		19.01		19.01		1612	-94	5.62	32.		1925	-36	0.014		1925	-36	7.06	0.014	
1566		19.01		19.01		1665	-97	5.80	33.		1972	-38	0.014		1973	-37	7.23	0.014	
1567		19.01		19.01		1651	-94	5.76	35.		1902	-44	0.012		1903	-44	6.96	0.012	
1568		19.01		19.01		1622	-92	5.66	35.		1777	-53	0.009		1777	-52	6.46	0.009	
1569		19.01		19.01		1485	-92	5.17	24.		1626	-63	0.006		1626	-63	5.82	0.006	
1570		19.01		19.01		1254	-83	4.38	15.		1387	-74	0.003		1386	-74	4.85	0.003	
1571		19.01		19.01		1572	-91	5.48	32.		1784	-42	0.011		1787	-41	6.54	0.011	
1572		19.01		19.01		1502	-94	5.23	24.		1712	-47	0.010		1716	-46	6.26	0.010	
1573		19.01		19.01		1463	-92	5.10	23.		1579	-53	0.007		1582	-53	5.72	0.007	
1574		19.01		19.01		1592	-87	5.56	38.		1700	-59	0.007		1703	-59	6.14	0.007	
1575		19.01		19.01		1595	-80	5.60	47.		1696	-64	0.007		1698	-64	6.09	0.007	
1576		19.01		19.01		1488	-74	5.23	45.		1584	-68	0.005		1585	-68	5.63	0.005	
1577		19.01		19.01		214	-56	1.45	-10.		304	-76	0.000		372	-47	1.59	0.000	
1578		19.01		19.01		0.	-63	1.13	-17.		74	-79	0.000		137	-54	1.24	0.000	
1579		19.01		19.01		3	-64	1.16	-17.		41	-77	0.000		52	-59	1.17	0.000	
1580		19.01		19.01		273	-60	1.64	-10.		308	-72	0.000		319	-63	1.78	0.000	
1581		19.01		19.01		473	-52	1.89	-3.		506	-65	0.000		518	-63	2.19	0.000	
1582		19.01		19.01		593	-43	2.09	5.		626	-58	0.000		643	-61	2.40	0.000	
1583		19.01		19.01		0.	-54	0.98	-15.		200	-59	0.000		431	-46	1.71	0.000	
1584		19.01		19.01		0.	-20	0.36	-5.		64	-23	0.000		338	-26	1.20	0.000	
1585		19.01		19.01		0.	-44	0.79	-12.		0.	-19	0.000		152	3	0.49	0.003	
1586		19.01		19.01		0.	-38	0.68	-10.		0.	-4	0.000		0.	32	0.00	0.013	
1587		19.01		19.01		0.	-11	0.20	-3.		0.	23	0.009		0.	62	0.00	0.025	
1588		19.01		19.01		0.	28	0.00	74.		0.	58	0.023		0.	92	0.00	0.037	
1589		19.01		19.01		683	-57	2.47	1.		1099	-61	0.002		1099	-60	3.84	0.002	
1590		19.01		19.01		701	-37	2.45	19.		1116	-29	0.007		1117	-28	4.08	0.007	
1591		19.01		19.01		565	-14	2.07	43.		1063	7	0.014		1063	7	3.71	0.014	
1592		19.01		19.01		316	-24	1.12	2.		876	38	0.023		916	48	1.90	0.027	
1593		19.01		19.01		0.	10	0.00	26.		588	68	0.031		712	92	0.00	0.041	
1594		19.01		19.01		0.	54	0.00	142.		253	104	0.043		467	136	0.00	0.057	
1595		19.01		19.01		1241	-73	4.32	24.		1517	-64	0.005		1518	-64	5.40	0.005	
1596		19.01		19.01		1409	-55	5.04	67.		1707	-38	0.011		1708	-38	6.25	0.011	
1597		19.01		19.01		1487	-27	5.45	135.		1803	-3	0.019		1804	-3	6.48	0.019	
1598		19.01		19.01		1438	-16	5.26	156.		1770	40	0.032		1771	40	5.65	0.033	
1599		19.01		19.01		1254	31	3.94	254.		1597	93	0.050		1598	93	2.81	0.050	
1600		19.01		19.01		943	88	0.00	369.		1294	152	0.070		1315	153	0.00	0.070	
1601		19.01		19.01		1001	-68	3.50	11.		1170	-55	0.003		1173	-55	4.14	0.003	
1602		19.01		19.01		1288	-68	4.50	33.		1474	-55	0.006		1477	-55	5.30	0.006	
1603		19.01		19.01		1505	-58	5.39	72.		1706	-33	0.012		1709	-32	6.26	0.012	
1604		19.01		19.01		1607	-21	5.88	167.		1819	9	0.022		1822	9	6.41	0.023	
1605		19.01		19.01		1518	34	4.85	299.		1756	66	0.042		1759	67	4.80	0.042	
1606		19.01		19.01		1251	107	0.00	463.		1504	138	0.067		1521	139	0.00	0.067	
1607		19.01		19.01		90	-39	0.87	-8.		149	-36	0.000		161	-35	0.96	0.000	
1608		19.01		19.01		297	-43	1.38	-5.		404	-42	0.000		411	-42	1.58	0.000	
1609		19.01		19.01		600	-48	2.15	2.		719	-49	0.001		727	-49	2.54	0.001	
1610		19.01		19.01		903	-48	3.16	23.		1032	-49	0.003		1040	-48	3.67	0.003	
1611		19.01		19.01		1108	-39	3.99	60.		1242	-1	0.013		1250	0.	4.48	0.014	
1612		19.01		19.01		1152	35	3.42	253.		1290	71	0.039		1298	71	2.54	0.039	
1613		19.01		19.01		0.	142	0.00	373.		0.	79	0.032		0.	16	0.00	0.006	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1616		19.01	19.01		0.	4	0.00	10.		0.	9	0.004		320	41	0.00	0.019	
1617		19.01	19.01		0.	-43	0.78	-12.		198	-4	0.001		443	54	0.00	0.025	
1618		19.01	19.01		0.	-125	2.25	-34.		233	-23	0.000		499	43	0.00	0.021	
1619		19.01	19.01		0.	190	0.00	501.		423	137	0.057		825	117	0.00	0.052	
1620		19.01	19.01		0.	123	0.00	324.		854	126	0.056		1070	110	0.00	0.052	
1621		19.01	19.01		122	57	0.00	168.		1085	99	0.048		1162	93	0.00	0.046	
1622		19.01	19.01		378	-4	1.38	43.		1232	80	0.042		1241	80	1.64	0.042	
1623		19.01	19.01		573	-39	2.01	6.		1289	62	0.036		1292	63	2.95	0.036	
1624		19.01	19.01		787	-75	2.96	-3.		1414	40	0.029		1419	41	4.30	0.029	
1625		19.01	19.01		393	229	0.00	661.		939	235	0.099		1091	217	0.00	0.093	
1626		19.01	19.01		873	164	0.00	560.		1320	176	0.079		1367	170	0.00	0.078	
1627		19.01	19.01		1297	102	0.00	459.		1696	122	0.062		1696	122	1.16	0.062	
1628		19.01	19.01		1616	44	4.96	339.		2052	81	0.050		2053	82	5.45	0.050	
1629		19.01	19.01		1810	-5	6.52	235.		2289	44	0.039		2289	45	7.48	0.039	
1630		19.01	19.01		1896	-41	6.94	158.		2418	10	0.029		2418	10	8.54	0.029	
1631		19.01	19.01		405	319	0.00	898.		612	290	0.119		672	269	0.00	0.111	
1632		19.01	19.01		1000	217	0.00	716.		1239	201	0.088		1277	190	0.00	0.084	
1633		19.01	19.01		1429	121	0.00	527.		1706	116	0.060		1723	113	2.14	0.059	
1634		19.01	19.01		1694	47	5.19	357.		2000	52	0.039		2004	53	6.20	0.039	
1635		19.01	19.01		1761	-6	6.36	225.		2102	3	0.024		2106	4	7.50	0.024	
1636		19.01	19.01		1694	-42	6.19	129.		2067	-35	0.015		2070	-35	7.59	0.016	
1637		19.01	19.01		365	303	0.00	850.		439	276	0.112		490	248	0.00	0.101	
1638		19.01	19.01		742	183	0.00	589.		830	163	0.070		893	142	0.00	0.062	
1639		19.01	19.01		834	80	0.00	332.		942	65	0.034		1023	50	2.35	0.028	
1640		19.01	19.01		673	12	2.23	123.		806	0.	0.009		911	-14	3.34	0.007	
1641		19.01	19.01		384	-31	1.38	1.		543	-43	0.000		674	-56	2.44	0.000	
1642		19.01	19.01		53	-54	1.08	-13.		234	-68	0.000		388	-78	2.20	0.000	
1643		19.01	19.01		0.	-56	1.01	-15.		227	-53	0.000		393	-62	1.92	0.000	
1646		19.01	19.01		0.	-94	1.69	-25.		238	-90	0.000		459	-81	2.39	0.000	
1647		19.01	19.01		197	-64	1.56	-13.		583	-68	0.000		656	-77	2.71	0.000	
1648		19.01	19.01		0.	-70	1.25	-19.		184	-91	0.000		268	-102	2.38	0.000	
1649		19.01	19.01		0.	-80	1.44	-22.		324	-104	0.000		424	-112	2.87	0.000	
1650		19.01	19.01		517	-75	2.41	-9.		888	-79	0.000		926	-82	3.36	0.000	
1651		19.01	19.01		709	-72	2.74	-4.		856	-78	0.000		888	-84	3.32	0.000	
1652		19.01	19.01		283	-74	1.91	-14.		438	-88	0.000		475	-95	2.67	0.000	
1653		19.01	19.01		277	-81	2.02	-16.		458	-88	0.000		498	-89	2.62	0.000	
1654		19.01	19.01		833	-83	3.18	-4.		1070	-73	0.001		1097	-75	3.84	0.001	
1655		19.01	19.01		1095	-64	3.82	22.		1185	-72	0.002		1202	-70	4.19	0.002	
1656		19.01	19.01		406	-67	2.04	-9.		509	-68	0.000		536	-67	2.30	0.000	
1657		19.01	19.01		270	-70	1.80	-13.		375	-61	0.000		398	-61	1.90	0.000	
1658		19.01	19.01		597	-64	2.36	-4.		737	-55	0.000		754	-56	2.67	0.000	
1659		19.01	19.01		553	-35	1.93	8.		591	-51	0.000		616	-52	2.24	0.000	
1660		19.01	19.01		245	-42	1.26	-6.		316	-48	0.000		347	-38	1.40	0.000	
1661		19.01	19.01		0.	-37	0.66	-10.		0.	-32	0.000		0.	-28	0.50	0.000	
1662		19.01	19.01		49	-29	0.62	-7.		104	-27	0.000		121	-28	0.75	0.000	
1663		19.01	19.01		0.	85	0.00	223.		0.	104	0.042		0.	124	0.00	0.049	
1664		19.01	19.01		0.	167	0.00	439.		0.	168	0.067		0.	168	0.00	0.067	
1665		19.01	19.01		0.	277	0.00	728.		0.	253	0.101		0.	227	0.00	0.091	
1666		19.01	19.01		0.	306	0.00	805.		0.	267	0.107		0.	234	0.00	0.093	
1667		19.01	19.01		0.	124	0.00	326.		0.	155	0.062		160	186	0.00	0.075	
1668		19.01	19.01		0.	231	0.00	609.		0.	233	0.093		0.	234	0.00	0.094	
1669		19.01	19.01		0.	352	0.00	927.		0.	325	0.130		0.	306	0.00	0.122	
1670		19.01	19.01		0.	405	0.00	1066.		0.	361	0.144		0.	326	0.00	0.130	
1671		19.01	19.01		429	169	0.00	506.		774	231	0.096		857	231	0.00	0.097	
1672		19.01	19.01		0.	283	0.00	744.		103	321	0.129		237	327	0.00	0.132	
1673		19.01	19.01		0.	400	0.00	1052.		0.	392	0.157		0.	406	0.00	0.162	
1674		19.01	19.01		0.	458	0.00	1205.		0.	424	0.170		0.	405	0.00	0.162	
1675		19.01	19.01		683	215	0.00	665.		933	241	0.101		988	241	0.00	0.102	
1676		19.01	19.01		0.	369	0.00	971.		0.	383	0.153		0.	379	0.00	0.152	
1677		19.01	19.01		0.	453	0.00	1190.		0.	484	0.193		0.	478	0.00	0.191	
1678		19.01	19.01		0.	484	0.00	1273.		0.	469	0.187		0.	483	0.00	0.193	
1679		19.01	19.01		876	160	0.00	550.		1018	189	0.082		1031	189	0.00	0.082	
1680		19.01	19.01		0.	355	0.00	934.		113	372	0.149		152	369	0.00	0.148	
1681		19.01	19.01		0.	477	0.00	1256.		0.	486	0.194		0.	485	0.00	0.194	
1682		19.01	19.01		0.	480	0.00	1263.		0.	484	0.193		0.	485	0.00	0.194	
1683		19.01	19.01		0.	296	0.00	779.		0.	246	0.098		0.	206	0.00	0.082	
1684		19.01	19.01		0.	235	0.00	619.		0.	174	0.070		0.	136	0.00	0.054	
1685		19.01	19.01		0.	407	0.00	1071.		0.	346	0.138		14	296	0.00	0.118	
1686		19.01	19.01		0.	309	0.00	813.		0.	234	0.093		386	194	0.00	0.079	
1687		19.01	19.01		0.	455	0.00	1197.		0.	406	0.162		0.	367	0.00	0.147	
1688		19.01	19.01		0.	349	0.00	918.		209	315	0.127		401	294	0.00	0.119	
1689		19.01	19.01		0.	508	0.00	1337.		0.	469	0.187		0.	429	0.00	0.172	
1690		19.01	19.01		0.	485	0.00	1275.		0.	439	0.175		0.	402	0.00	0.160	
1691		19.01	19.01		0.	552	0.00	1452.		0.	513	0.205		0.	473	0.00	0.189	
1692		19.01	19.01		0.	510	0.00	1342.		0.	473	0.189		0.	435	0.00	0.174	
1693		19.01	19.01		0.	-195	3.50	-53.		109	-66	0.000		434	11	1.35	0.008	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1694		19.01	19.01		0.	-239	4.29	-64.		193	-105	0.000		486	-31	1.70	0.001	
1695		19.01	19.01		0.	-236	4.24	-64.		428	-152	0.000		717	-82	2.94	0.000	
1696		19.01	19.01		949	-100	3.73	-6.		1633	6	0.019		1632	6	5.77	0.020	
1697		19.01	19.01		1020	-107	4.00	-6.		1793	-38	0.012		1792	-37	6.57	0.012	
1698		19.01	19.01		927	-79	3.38	1.		1881	-89	0.005		1879	-88	6.63	0.005	
1699		19.01	19.01		1879	-65	6.78	105.		2449	-27	0.021		2449	-27	8.95	0.021	
1700		19.01	19.01		1734	-73	6.16	72.		2355	-65	0.013		2354	-64	8.58	0.013	
1701		19.01	19.01		1445	-65	5.11	54.		2100	-101	0.005		2100	-101	7.39	0.005	
1702		19.01	19.01		1492	-65	5.29	58.		1895	-69	0.008		1898	-69	6.83	0.008	
1703		19.01	19.01		1428	-75	5.00	38.		1666	-90	0.003		1669	-89	5.83	0.003	
1704		19.01	19.01		1407	-64	4.97	51.		1582	-97	0.002		1587	-98	5.53	0.002	
1705		19.01	19.01		0.	-63	1.12	-17.		0.	-83	0.000		52	-75	1.46	0.000	
1706		19.01	19.01		0.	-58	1.05	-16.		12	-87	0.000		94	-73	1.51	0.000	
1707		19.01	19.01		170	-41	1.08	-7.		251	-78	0.000		308	-73	1.93	0.000	
1708		19.01	19.01		0.	-40	0.71	-11.		737	-190	0.000		980	-154	4.75	0.000	
1709		19.01	19.01		537	-2	1.94	70.		1832	-151	0.000		1830	-150	6.60	0.000	
1710		19.01	19.01		937	-22	3.43	75.		1664	-143	0.000		1662	-142	6.06	0.000	
1711		19.01	19.01		1126	-28	4.12	87.		1228	-99	0.000		1234	-120	4.66	0.000	
1712		19.01	19.01		315	-11	1.13	16.		362	-57	0.000		390	-72	2.10	0.000	
1713		19.01	19.01		0.	64	0.00	168.		989	-189	0.000		1019	-189	5.47	0.000	
1714		19.01	19.01		92	57	0.00	163.		1796	-186	0.000		1792	-186	6.99	0.000	
1715		19.01	19.01		561	6	1.92	94.		1202	-166	0.000		1199	-166	5.42	0.000	
1716		19.01	19.01		842	-2	3.03	111.		831	-90	0.000		832	-134	4.10	0.000	
1717		19.01	19.01		386	8	1.25	74.		413	-42	0.000		425	-74	2.20	0.000	
2583		21.00	21.00		898	-305	7.22	-62.		2505	-291	0.000		2498	-290	10.17	0.000	
2584		21.00	21.00		725	-205	5.10	-39.		1978	-203	0.000		1972	-202	7.55	0.000	
2585		19.01	19.01		717	-246	5.87	-50.		1985	-235	0.000		1980	-234	8.24	0.000	
2586		19.01	19.01		434	-169	3.92	-36.		1590	-165	0.000		1585	-164	6.18	0.000	
2587		21.00	21.00		677	-152	4.07	-26.		1479	-127	0.000		1440	-121	5.15	0.000	
2588		21.00	21.00		488	81	0.00	256.		888	17	0.013		960	-39	3.32	0.003	
2589		19.01	19.01		265	-86	2.07	-17.		1127	-87	0.000		1189	-97	4.29	0.000	
2590		19.01	19.01		41	110	0.00	295.		883	-15	0.007		933	-41	3.31	0.003	
2591		21.00	21.00		0.	213	0.00	506.		805	-43	0.001		988	-113	3.99	0.000	
2592		21.00	21.00		0.	239	0.00	568.		544	-40	0.000		1038	-130	4.39	0.000	
2593		19.01	19.01		0.	210	0.00	553.		990	-94	0.000		1082	-115	4.26	0.000	
2594		19.01	19.01		0.	194	0.00	510.		933	-122	0.000		1007	-128	4.35	0.000	
2597		19.01	19.01		0.	35	0.00	93.		855	-108	0.000		855	-107	3.66	0.000	
2598		19.01	19.01		0.	-49	0.88	-13.		506	-83	0.000		538	-52	2.02	0.000	
2599		19.01	19.01		0.	201	0.00	528.		942	-55	0.001		1045	-72	3.66	0.001	
2600		21.00	21.00		0.	178	0.00	424.		769	-24	0.003		849	-83	3.17	0.000	
2601		19.01	19.01		0.	-64	1.15	-17.		300	-48	0.000		432	-24	1.51	0.001	
2602		26.98	26.98		86	-132	2.44	-32.		308	-45	0.000		470	-22	1.50	0.001	
2603		19.01	19.01		135	-90	1.89	-21.		536	-13	0.003		540	-12	1.98	0.004	
2604		21.00	21.00		95	-73	1.49	-17.		467	-3	0.004		476	-2	1.64	0.004	
2605		21.00	21.00		29	-49	0.93	-12.		382	7	0.005		397	9	1.20	0.006	
2606		21.00	21.00		0.	-24	0.43	-6.		352	7	0.005		353	7	1.09	0.005	
2607		21.00	21.00		0.	-9	0.15	-2.		307	-6	0.002		326	-9	1.14	0.002	
2608		21.00	21.00		0.	-15	0.26	-4.		227	-15	0.000		282	-26	1.03	0.000	
2609		21.00	21.00		0.	-47	0.84	-13.		13	-69	0.000		173	-96	2.06	0.000	
2612		21.00	21.00		0.	-68	1.20	-18.		5	-78	0.000		171	-94	2.01	0.000	
2613		21.00	21.00		0.	-19	0.34	-5.		211	-18	0.000		268	-26	0.99	0.000	
2614		21.00	21.00		0.	-10	0.17	-3.		125	-9	0.000		211	-7	0.74	0.001	
2615		21.00	21.00		3	-13	0.23	-3.		0.	-4	0.000		10	1	0.00	0.000	
2616		21.00	21.00		0.	-33	0.59	-9.		0.	-3	0.000		0.	22	0.00	0.007	
2617		21.00	21.00		0.	-2	0.03	0.		0.	27	0.009		0.	49	0.00	0.016	
2618		21.00	21.00		0.	43	0.00	102.		0.	62	0.020		0.	75	0.00	0.025	
2619		21.00	21.00		0.	89	0.00	211.		0.	94	0.031		0.	98	0.00	0.032	
2622		24.99	24.99		0.	163	0.00	327.		0.	132	0.030		0.	101	0.00	0.023	
2623		24.99	24.99		0.	129	0.00	258.		0.	94	0.021		0.	65	0.00	0.015	
2624		24.99	24.99		0.	128	0.00	256.		0.	78	0.018		0.	42	0.00	0.009	
2625		26.98	26.98		0.	112	0.00	208.		0.	49	0.010		0.	-4	0.07	0.000	
2645		19.01	19.01		0.	-115	2.06	-31.		0.	-140	0.000		232	-155	3.26	0.000	
2646		19.01	19.01		0.	-114	2.05	-31.		0.	-117	0.000		243	-119	2.63	0.000	
2647		19.01	19.01		0.	-115	2.07	-31.		53	-136	0.000		208	-143	3.00	0.000	
2649		19.01	19.01		0.	-96	1.72	-26.		0.	-120	0.000		118	-147	2.88	0.000	
2651		19.01	19.01		0.	-97	1.74	-26.		32	-118	0.000		155	-130	2.65	0.000	
2652		19.01	19.01		0.	-79	1.43	-21.		0.	-87	0.000		50	-102	1.94	0.000	
3824		19.01	19.01		447	-82	2.39	-12.		748	-118	0.000		748	-117	3.62	0.000	
3825		19.01	19.01		482	-79	2.40	-11.		772	-110	0.000		773	-109	3.53	0.000	
3826		19.01	19.01		404	-85	2.35	-14.		613	-123	0.000		613	-122	3.44	0.000	
3828		19.01	19.01		180	-102	2.20	-23.		925	-143	0.000		923	-142	4.44	0.000	
3829		19.01	19.01		337	-94	2.37	-18.		1054	-128	0.000		1053	-127	4.43	0.000	
3830		19.01	19.01		512	-105	2.93	-17.		1071	-151	0.000		1070	-149	4.86	0.000	
3832		19.01	19.01		0.	35	0.00	91.		164	-52	0.000		423	-77	2.24	0.000	
3834		19.01	19.01		0.	29	0.00	77.		367	-58	0.000		491	-69	2.23	0.000	
3835		19.01	19.01		0.	30	0.00	79.		57	-56	0.000		343	-69	1.94	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

3836		19.01	19.01		0.	-4	0.08	-1.		140	-52	0.000		376	-75	2.11	0.000	
3837		19.01	19.01		0.	-36	0.66	-10.		90	-61	0.000		351	-64	1.86	0.000	
3838		19.01	19.01		0.	-9	0.16	-2.		328	-58	0.000		469	-68	2.17	0.000	
3840		19.01	19.01		0.	13	0.00	35.		350	-86	0.000		572	-96	2.88	0.000	
3841		19.01	19.01		0.	-37	0.66	-10.		514	-85	0.000		523	-83	2.56	0.000	
3842		19.01	19.01		0.	21	0.00	55.		487	-93	0.000		485	-92	2.65	0.000	
3844		19.01	19.01		0.	73	0.00	193.		615	-91	0.000		758	-104	3.41	0.000	
3846		19.01	19.01		0.	90	0.00	236.		599	-98	0.000		596	-97	2.95	0.000	
3847		19.01	19.01		0.	75	0.00	196.		690	-102	0.000		687	-101	3.21	0.000	
5587		26.98	26.98		0.	-449	7.73	-116.		0.	-506	0.000		0.	-504	8.68	0.000	
5588		26.98	26.98		0.	-440	7.57	-114.		0.	-496	0.000		0.	-494	8.50	0.000	
5589		26.98	26.98		0.	-430	7.40	-111.		0.	-485	0.000		0.	-483	8.31	0.000	
5590		26.98	26.98		0.	-338	5.81	-87.		0.	-419	0.000		0.	-472	8.13	0.000	
5591		26.98	26.98		0.	-328	5.64	-85.		2008	-463	0.000		2006	-461	11.78	0.000	
5594		26.98	26.98		0.	-449	7.73	-116.		0.	-506	0.000		0.	-505	8.68	0.000	
5595		26.98	26.98		0.	-440	7.57	-114.		0.	-496	0.000		0.	-494	8.50	0.000	
5596		26.98	26.98		0.	-430	7.40	-111.		0.	-485	0.000		0.	-483	8.31	0.000	
5597		26.98	26.98		0.	-338	5.81	-87.		0.	-419	0.000		0.	-472	8.13	0.000	
5598		26.98	26.98		0.	-328	5.65	-85.		2007	-463	0.000		2005	-461	11.78	0.000	
5615		26.98	26.98		3456	-151	11.03	103.		136	-284	0.000		0.	-379	6.52	0.000	
5616		26.98	26.98		557	-225	4.94	-47.		0.	-319	0.000		0.	-363	6.24	0.000	
5617		26.98	26.98		97	-102	1.94	-24.		0.	-257	0.000		0.	-317	5.45	0.000	
5618		26.98	26.98		0.	141	0.00	261.		0.	-58	0.000		0.	-263	4.53	0.000	
5619		26.98	26.98		0.	304	0.00	564.		0.	3	0.001		828	-214	5.28	0.000	
5622		26.98	26.98		4433	-26	13.62	387.		1155	-188	0.000		0.	-322	5.54	0.000	
5623		26.98	26.98		1691	-106	5.47	21.		0.	-223	0.000		0.	-304	5.24	0.000	
5624		26.98	26.98		649	-21	2.07	29.		0.	-177	0.000		0.	-262	4.51	0.000	
5625		26.98	26.98		0.	170	0.00	315.		0.	-21	0.000		0.	-218	3.75	0.000	
5626		26.98	26.98		0.	290	0.00	537.		0.	4	0.001		767	-179	4.55	0.000	
5627		26.98	26.98		0.	444	0.00	822.		0.	223	0.044		784	0.	2.37	0.004	
5628		26.98	26.98		0.	464	0.00	860.		0.	205	0.040		533	-57	2.00	0.000	
5629		26.98	26.98		0.	389	0.00	721.		0.	146	0.029		410	-99	2.50	0.000	
5630		26.98	26.98		2776	149	4.47	556.		523	33	0.009		1360	-41	4.34	0.004	
5631		26.98	26.98		890	195	0.00	453.		270	59	0.012		1316	-18	4.12	0.005	
5632		26.98	26.98		0.	321	0.00	595.		0.	109	0.021		1236	13	3.53	0.009	
5633		26.98	26.98		4692	-125	14.93	248.		1866	-80	0.003		0.	-237	4.08	0.000	
5634		26.98	26.98		6742	169	17.32	974.		3991	29	0.026		1262	-72	4.05	0.001	
5635		26.98	26.98		4711	499	0.00	1410.		3362	240	0.061		1861	36	5.01	0.016	
5636		26.98	26.98		2364	60	6.06	343.		453	-85	0.000		0.	-210	3.62	0.000	
5637		26.98	26.98		3616	399	0.00	1112.		1750	176	0.041		0.	-51	0.88	0.000	
5638		26.98	26.98		3893	591	0.00	1495.		2148	315	0.069		411	36	0.00	0.009	
5639		26.98	26.98		1137	114	0.00	328.		46	-58	0.000		0.	-184	3.17	0.000	
5640		26.98	26.98		1886	349	0.00	842.		788	148	0.032		0.	-57	0.98	0.000	
5641		26.98	26.98		2243	479	0.00	1118.		1118	245	0.051		0.	8	0.00	0.002	
5642		26.98	26.98		91	216	0.00	410.		0.	31	0.006		0.	-158	2.72	0.000	
5643		26.98	26.98		588	265	0.00	553.		293	100	0.020		0.	-69	1.18	0.000	
5644		26.98	26.98		872	300	0.00	646.		523	138	0.029		167	-27	0.79	0.000	
5645		26.98	26.98		0.	268	0.00	496.		0.	27	0.005		662	-133	3.56	0.000	
5647		26.98	26.98		0.	160	0.00	296.		387	41	0.009		599	-58	2.15	0.000	
5662		26.98	26.98		0.	-795	13.69	-205.		0.	-829	0.000		0.	-871	14.99	0.000	
5663		26.98	26.98		0.	-795	13.68	-205.		0.	-829	0.000		0.	-871	14.98	0.000	
5664		26.98	26.98		0.	-786	13.53	-203.		0.	-820	0.000		495	-861	15.78	0.000	
5665		26.98	26.98		0.	-786	13.53	-203.		0.	-820	0.000		497	-861	15.78	0.000	
5666		26.98	26.98		6462	-457	21.24	46.		5807	-523	0.000		5199	-598	20.25	0.000	
5667		26.98	26.98		6462	-457	21.24	46.		5807	-523	0.000		5199	-598	20.25	0.000	
5668		26.98	26.98		4441	-449	16.25	-24.		4107	-516	0.000		3801	-590	17.45	0.000	
5669		26.98	26.98		4441	-449	16.25	-24.		4108	-516	0.000		3801	-590	17.45	0.000	
5670		26.98	26.98		2431	-514	13.51	-82.		2427	-586	0.000		2424	-582	14.67	0.000	
5671		26.98	26.98		2431	-514	13.51	-82.		2427	-586	0.000		2424	-582	14.67	0.000	
5672		26.98	26.98		528	-506	9.73	-120.		1058	-578	0.000		1062	-575	11.93	0.000	
5673		26.98	26.98		529	-506	9.73	-120.		1058	-578	0.000		1063	-575	11.93	0.000	
5674		26.98	26.98		0.	-426	7.33	-110.		0.	-492	0.000		0.	-567	9.75	0.000	
5675		26.98	26.98		0.	-426	7.33	-110.		0.	-492	0.000		0.	-567	9.75	0.000	
5697		26.98	26.98		0.	24	0.00	44.		0.	13	0.003		0.	-2	0.03	0.000	
5698		26.98	26.98		0.	268	0.00	497.		0.	306	0.060		0.	340	0.00	0.067	
5699		26.98	26.98		0.	486	0.00	901.		0.	580	0.114		0.	671	0.00	0.132	
5700		26.98	26.98		0.	-13	0.23	-3.		491	62	0.014		1179	110	0.00	0.026	
5701		26.98	26.98		2341	96	4.94	411.		2762	199	0.050		2827	301	0.00	0.070	
5702		26.98	26.98		4569	313	3.59	1047.		4445	434	0.102		4161	513	0.00	0.116	
5703		26.98	26.98		9350	471	16.40	1812.		8241	322	0.102		6990	146	18.62	0.062	
5704		26.98	26.98		12114	259	32.14	1666.		9750	173	0.081		7414	94	20.94	0.056	
5705		26.98	26.98		12576	131	36.02	1470.		9585	91	0.067		6615	56	19.16	0.045	
5706		26.98	26.98		7524	270	17.10	1246.		5860	193	0.064		4208	133	10.10	0.045	
5707		26.98	26.98		7471	144	20.15	998.		5650	107	0.048		3839	90	10.01	0.036	
5708		26.98	26.98		6476	-14	19.66	608.		4608	7	0.026		2742	25	7.90	0.019	
5709		26.98	26.98		3636	256	2.34	847.		2509	162	0.042		1382	130	0.00	0.031	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5710		26.98	26.98		3110		153	5.58	596.		1860		103	0.028		947		75	0.00	0.018	
5711		26.98	26.98		1805		-5	5.49	168.		645		10	0.005		0.		-1	0.02	0.000	
5712		26.98	26.98		0.		321	0.00	595.		0.		208	0.041		0.		125	0.00	0.024	
5713		26.98	26.98		0.		205	0.00	379.		0.		116	0.023		0.		59	0.00	0.012	
5714		26.98	26.98		0.		57	0.00	105.		0.		22	0.004		0.		-12	0.21	0.000	
5724		26.98	26.98		10629		29	31.65	1092.		7227		1	0.040		4304		27	12.60	0.028	
5725		26.98	26.98		5339		-68	16.69	402.		2735		-77	0.008		888		-126	3.88	0.000	
5726		26.98	26.98		1124		-38	3.59	48.		0.		-138	0.000		0.		-176	3.03	0.000	
5727		26.98	26.98		4063		-77	12.84	264.		2379		-55	0.008		939		-10	2.92	0.004	
5728		26.98	26.98		1655		-77	5.29	45.		0.		-95	0.000		0.		-106	1.82	0.000	
5729		26.98	26.98		692		-44	2.24	8.		0.		-147	0.000		0.		-154	2.65	0.000	
5730		26.98	26.98		0.		-28	0.48	-7.		0.		-35	0.000		0.		-38	0.65	0.000	
5731		26.98	26.98		0.		-26	0.45	-7.		0.		-99	0.000		0.		-98	1.69	0.000	
5732		26.98	26.98		0.		-16	0.28	-4.		0.		-134	0.000		0.		-133	2.29	0.000	
5733		26.98	26.98		0.		-17	0.30	-4.		0.		-35	0.000		0.		-55	0.95	0.000	
5734		26.98	26.98		0.		26	0.00	48.		0.		-27	0.000		0.		-93	1.60	0.000	
5735		26.98	26.98		0.		70	0.00	130.		0.		-8	0.000		0.		-107	1.84	0.000	
5736		26.98	26.98		0.		-24	0.42	-6.		0.		-13	0.000		0.		-57	0.98	0.000	
5737		26.98	26.98		0.		22	0.00	40.		0.		-11	0.000		0.		-78	1.35	0.000	
5745		26.98	26.98		0.		-224	3.85	-58.		0.		-220	0.000		0.		-219	3.77	0.000	
5746		26.98	26.98		0.		-246	4.24	-64.		0.		-188	0.000		0.		-187	3.22	0.000	
5747		26.98	26.98		0.		-32	0.55	-8.		0.		-134	0.000		0.		-133	2.29	0.000	
5748		26.98	26.98		0.		-325	5.59	-84.		0.		-193	0.000		0.		-192	3.30	0.000	
5749		26.98	26.98		0.		-226	3.89	-58.		0.		-175	0.000		0.		-174	2.99	0.000	
5750		26.98	26.98		0.		-171	2.95	-44.		0.		-134	0.000		0.		-133	2.30	0.000	
5751		26.98	26.98		0.		-309	5.31	-80.		0.		-165	0.000		0.		-164	2.82	0.000	
5752		26.98	26.98		0.		-217	3.73	-56.		0.		-167	0.000		0.		-166	2.86	0.000	
5753		26.98	26.98		0.		-155	2.66	-40.		0.		-150	0.000		0.		-149	2.57	0.000	
5754		26.98	26.98		0.		-265	4.57	-68.		0.		-239	0.000		0.		-128	2.20	0.000	
5755		26.98	26.98		0.		-178	3.06	-46.		0.		-233	0.000		0.		-158	2.73	0.000	
5756		26.98	26.98		0.		-70	1.20	-18.		0.		-230	0.000		0.		-173	2.97	0.000	
5758		26.98	26.98		0.		-98	1.69	-25.		0.		-207	0.000		0.		-154	2.65	0.000	
5759		26.98	26.98		0.		77	0.00	142.		0.		-99	0.000		0.		-203	3.49	0.000	
5760		26.98	26.98		0.		33	0.00	60.		0.		-42	0.000		0.		-42	0.72	0.000	
5763		26.98	26.98		0.		308	0.00	571.		0.		136	0.027		0.		4	0.00	0.001	
5764		26.98	26.98		0.		135	0.00	249.		0.		-4	0.000		0.		-165	2.83	0.000	
5765		26.98	26.98		0.		-77	1.33	-20.		0.		-158	0.000		0.		-267	4.59	0.000	
5767		26.98	26.98		0.		292	0.00	541.		0.		82	0.016		0.		-131	2.25	0.000	
5768		26.98	26.98		0.		201	0.00	372.		0.		4	0.001		0.		-195	3.36	0.000	
5772		26.98	26.98		0.		-279	4.80	-72.		0.		-292	0.000		0.		-236	4.06	0.000	
5773		26.98	26.98		0.		209	0.00	387.		0.		206	0.040		0.		206	0.00	0.040	
5774		26.98	26.98		0.		534	0.00	989.		0.		573	0.112		0.		566	0.00	0.111	
5775		26.98	26.98		0.		-126	2.17	-33.		0.		-176	0.000		0.		-119	2.05	0.000	
5776		26.98	26.98		0.		362	0.00	670.		0.		293	0.057		0.		302	0.00	0.059	
5777		26.98	26.98		0.		705	0.00	1306.		0.		704	0.138		0.		702	0.00	0.138	
5778		26.98	26.98		0.		-872	15.02	-225.		0.		-895	0.000		0.		-892	15.35	0.000	
5779		26.98	26.98		0.		-873	15.02	-225.		0.		-895	0.000		0.		-892	15.36	0.000	
5780		26.98	26.98		0.		-865	14.89	-223.		0.		-888	0.000		0.		-885	15.23	0.000	
5781		26.98	26.98		0.		-865	14.89	-223.		0.		-888	0.000		0.		-885	15.23	0.000	
5782		26.98	26.98		0.		-858	14.78	-222.		0.		-882	0.000		0.		-878	15.12	0.000	
5783		26.98	26.98		0.		-858	14.78	-222.		0.		-882	0.000		0.		-878	15.12	0.000	
5785		26.98	26.98		0.		-42	0.73	-11.		504		-90	0.000		807		-87	3.04	0.000	
5786		19.01	19.01		0.		102	0.00	267.		451		-64	0.000		943		-104	3.78	0.000	
5787		26.98	26.98		0.		161	0.00	298.		692		-94	0.000		966		-117	3.86	0.000	
5789		26.98	26.98		0.		-117	2.02	-30.		300		-49	0.000		526		-34	1.71	0.000	
5790		19.01	19.01		0.		-73	1.31	-20.		279		-28	0.000		626		-50	2.24	0.000	
5791		26.98	26.98		0.		-66	1.14	-17.		430		-74	0.000		714		-71	2.59	0.000	
5792		26.98	26.98		0.		164	0.00	304.		202		0.	0.001		539		-82	2.45	0.000	
5793		26.98	26.98		0.		192	0.00	355.		206		34	0.007		551		-72	2.29	0.000	
5795		26.98	26.98		0.		197	0.00	366.		156		6	0.002		639		-94	2.84	0.000	
5797		19.01	19.01		0.		-145	2.60	-39.		0.		-166	0.000		0.		-190	3.41	0.000	
5798		19.01	19.01		0.		-157	2.82	-42.		0.		-174	0.000		0.		-196	3.51	0.000	
5799		19.01	19.01		0.		-105	1.89	-28.		0.		-129	0.000		13		-157	2.84	0.000	
5801		26.98	26.98		0.		-105	1.80	-27.		0.		-125	0.000		37		-147	2.61	0.000	
5802		19.01	19.01		0.		-147	2.64	-40.		0.		-165	0.000		0.		-188	3.37	0.000	
5803		19.01	19.01		0.		-135	2.42	-36.		0.		-158	0.000		0.		-182	3.28	0.000	
5804		26.98	26.98		0.		309	0.00	573.		0.		202	0.040		0.		120	0.00	0.023	
5805		26.98	26.98		0.		206	0.00	382.		0.		135	0.027		0.		101	0.00	0.020	
5807		26.98	26.98		0.		293	0.00	544.		0.		206	0.040		0.		141	0.00	0.028	
5808		26.98	26.98		0.		182	0.00	337.		0.		101	0.020		0.		47	0.00	0.009	
5809		26.98	26.98		0.		78	0.00	144.		0.		28	0.005		0.		-1	0.01	0.000	
5811		26.98	26.98		0.		144	0.00	267.		0.		85	0.017		0.		76	0.00	0.015	
5812		26.98	26.98		0.		98	0.00	181.		0.		45	0.009		0.		-9	0.16	0.000	
5813		26.98	26.98		0.		2	0.00	3.		0.		-26	0.000		0.		-38	0.65	0.000	
5815		26.98	26.98		0.		56	0.00	103.		0.		10	0.002		0.		-19	0.33	0.000	
5817		26.98	26.98		0.		136	0.00	253.		0.		126	0.025		0.		125	0.00	0.025	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5818		19.01	19.01		0.	120	0.00	315.		0.	117	0.047		0.	119	0.00	0.047	
5819		26.98	26.98		0.	127	0.00	235.		0.	121	0.024		0.	115	0.00	0.023	
5821		26.98	26.98		0.	180	0.00	333.		0.	147	0.029		0.	111	0.00	0.022	
5822		19.01	19.01		0.	173	0.00	454.		0.	144	0.057		0.	112	0.00	0.045	
5823		26.98	26.98		0.	153	0.00	283.		0.	135	0.026		0.	116	0.00	0.023	
5824		26.98	26.98		0.	128	0.00	237.		0.	13	0.003		0.	-76	1.31	0.000	
5825		26.98	26.98		0.	151	0.00	280.		0.	23	0.004		0.	-104	1.80	0.000	
5827		26.98	26.98		0.	101	0.00	187.		0.	9	0.002		0.	-59	1.01	0.000	
5828		26.98	26.98		0.	-328	5.65	-85.		0.	-288	0.000		0.	-94	1.63	0.000	
5829		26.98	26.98		0.	-237	4.08	-61.		0.	-254	0.000		0.	-103	1.77	0.000	
5831		26.98	26.98		0.	-348	5.99	-90.		0.	-295	0.000		0.	-73	1.26	0.000	
5834		26.98	26.98		0.	-108	1.87	-28.		0.	-175	0.000		0.	-180	3.10	0.000	
5835		26.98	26.98		0.	-110	1.89	-28.		0.	-184	0.000		0.	-183	3.16	0.000	
5837		26.98	26.98		0.	-127	2.19	-33.		0.	-372	0.000		0.	-371	6.38	0.000	
5838		26.98	26.98		0.	-55	0.94	-14.		0.	-267	0.000		0.	-266	4.57	0.000	
5841		26.98	26.98		0.	-120	2.07	-31.		0.	-69	0.000		0.	-71	1.22	0.000	
5842		26.98	26.98		0.	-148	2.54	-38.		0.	-225	0.000		0.	-226	3.88	0.000	
5843		26.98	26.98		0.	-234	4.03	-60.		0.	-357	0.000		0.	-355	6.11	0.000	
5845		26.98	26.98		0.	181	0.00	336.		0.	186	0.037		0.	232	0.00	0.045	
5846		26.98	26.98		0.	69	0.00	128.		0.	56	0.011		0.	77	0.00	0.015	
5847		26.98	26.98		0.	46	0.00	85.		0.	57	0.011		0.	98	0.00	0.019	
5849		26.98	26.98		0.	552	0.00	1022.		0.	551	0.108		0.	589	0.00	0.116	
5850		26.98	26.98		0.	277	0.00	513.		0.	278	0.054		0.	279	0.00	0.055	
5851		26.98	26.98		0.	310	0.00	574.		0.	309	0.061		0.	348	0.00	0.068	
8392		26.98	26.98		0.	566	0.00	1048.		0.	313	0.061		0.	59	0.00	0.012	
8393		26.98	26.98		0.	303	0.00	561.		0.	135	0.026		0.	-35	0.60	0.000	
8394		26.98	26.98		0.	536	0.00	993.		0.	286	0.056		0.	34	0.00	0.007	
8396		26.98	26.98		0.	-185	3.19	-48.		0.	-258	0.000		0.	-257	4.42	0.000	
8719		19.01	19.01		0.	111	0.00	293.		0.	57	0.023		0.	4	0.00	0.001	
8720		19.01	19.01		0.	98	0.00	257.		0.	51	0.020		0.	11	0.00	0.005	
8721		19.01	19.01		0.	68	0.00	180.		0.	34	0.014		0.	9	0.00	0.004	
8722		19.01	19.01		0.	46	0.00	121.		0.	33	0.013		206	34	0.00	0.015	

ARMATURA SUPERIORE ORIZZONTALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE								
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
1404		19.01	19.01		1856	-20	6.78	203.		1817	-17	0.016		1804	-13	6.56	0.017	
1405		19.01	19.01		548	-22	1.96	25.		557	-20	0.002		561	-18	2.03	0.003	
1406		19.01	19.01		0.	-9	0.16	-2.		0.	3	0.001		0.	14	0.00	0.006	
1407		19.01	19.01		0.	-29	0.52	-8.		0.	-3	0.000		0.	4	0.00	0.002	
1408		19.01	19.01		0.	-13	0.23	-3.		78	-21	0.000		95	-15	0.07	0.000	
1409		19.01	19.01		512	6	1.75	86.		584	-26	0.002		586	-25	2.08	0.002	
1410		19.01	19.01		1126	71	1.60	351.		1064	-21	0.007		1040	-26	3.80	0.006	
1411		19.01	19.01		1425	2	5.08	201.		1396	-40	0.007		1367	-26	5.01	0.010	
1412		19.01	19.01		309	-32	0.06	-15.		375	-44	0.000		376	-44	0.02	0.000	
1413		19.01	19.01		6	-35	0.61	-10.		44	-68	0.000		42	-67	1.12	0.000	
1414		19.01	19.01		0.	-42	0.75	-11.		0.	-75	0.000		0.	-75	1.34	0.000	
1415		19.01	19.01		0.	-38	0.68	-10.		0.	-81	0.000		0.	-83	1.49	0.000	
1416		19.01	19.01		0.	-39	0.69	-10.		0.	-87	0.000		0.	-90	1.61	0.000	
1417		19.01	19.01		195	-38	0.27	-14.		178	-90	0.000		172	-94	1.34	0.000	
1418		19.01	19.01		414	-35	1.50	1.		409	-87	0.000		407	-95	0.88	0.000	
1419		19.01	19.01		746	-31	2.66	32.		758	-93	0.000		759	-93	0.12	0.000	
1420		19.01	19.01		1304	-9	4.74	155.		1266	-74	0.002		1228	-81	4.29	0.001	
1421		19.01	19.01		699	9	2.38	119.		645	-40	0.001		594	-57	0.19	0.000	
1422		19.01	19.01		0.	-2	0.04	-1.		0.	-44	0.000		0.	-44	0.79	0.000	
1423		19.01	19.01		0.	-8	0.14	-2.		0.	-19	0.000		0.	-43	0.77	0.000	
1424		19.01	19.01		0.	-7	0.12	-2.		0.	-42	0.000		0.	-42	0.75	0.000	
1425		19.01	19.01		0.	-3	0.05	-1.		0.	-40	0.000		0.	-40	0.72	0.000	
1426		19.01	19.01		0.	4	0.00	11.		0.	-37	0.000		0.	-37	0.67	0.000	
1427		19.01	19.01		0.	16	0.00	41.		3	-33	0.000		0.	-33	0.59	0.000	
1428		19.01	19.01		59	33	0.00	95.		90	-3	0.000		88	-3	0.32	0.000	
1429		19.01	19.01		0.	118	0.00	310.		15	102	0.041		48	80	0.00	0.032	
1430		19.01	19.01		51	261	0.00	694.		113	232	0.093		161	217	0.00	0.087	
1431		19.01	19.01		760	435	0.00	1255.		896	406	0.166		958	394	0.00	0.162	
1432		19.01	19.01		7046	605	0.00	2622.		6847	573	0.325		6638	539	0.00	0.301	
1433		19.01	19.01		4976	616	0.00	2349.		4871	551	0.273		4752	486	0.00	0.232	
1434		19.01	19.01		160	404	0.00	1087.		146	355	0.142		122	306	0.00	0.123	
1435		19.01	19.01		0.	244	0.00	643.		0.	203	0.081		0.	163	0.00	0.065	
1436		19.01	19.01		0.	155	0.00	407.		0.	113	0.045		0.	90	0.00	0.036	
1437		19.01	19.01		0.	95	0.00	249.		0.	48	0.019		0.	28	0.00	0.011	
1438		19.01	19.01		0.	51	0.00	135.		0.	15	0.006		0.	1	0.00	0.000	
1439		19.01	19.01		0.	32	0.00	85.		0.	-1	0.000		0.	-5	0.09	0.000	
1440		19.01	19.01		0.	18	0.00	48.		0.	-9	0.000		0.	-6	0.10	0.000	
1441		19.01	19.01		0.	6	0.00	16.		0.	-8	0.000		0.	-3	0.05	0.000	
1442		19.01	19.01		30	10	0.00	31.		1	-9	0.000		0.	-16	0.29	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1443		19.01	19.01		356	19	0.70	102.		309	-8	0.002		287	-11	1.03	0.001	
1444		19.01	19.01		663	12	2.19	123.		616	-6	0.006		589	-5	2.14	0.005	
1445		19.01	19.01		977	22	3.13	192.		894	4	0.011		808	-4	2.92	0.008	
1508		24.55	24.55		1313	-3	4.18	134.		1350	-9	0.008		1351	-10	4.36	0.008	
1511		19.01	19.01		2102	-35	7.70	199.		2107	-36	0.016		2098	-34	7.69	0.016	
1512		19.01	19.01		1978	-21	7.22	218.		1962	-18	0.018		1951	-16	7.10	0.018	
1513		24.55	24.55		925	-1	2.94	96.		1008	-1	0.007		1007	-1	3.19	0.007	
1514		19.01	19.01		821	-9	3.00	90.		962	-22	0.006		961	-22	3.52	0.006	
1515		19.01	19.01		435	-25	1.51	9.		606	-28	0.002		603	-28	2.13	0.002	
1516		19.01	19.01		253	-57	0.51	-21.		279	-57	0.000		284	-56	0.43	0.000	
1517		19.01	19.01		461	-33	1.62	4.		466	-32	0.000		467	-30	1.63	0.001	
1518		24.55	24.55		104	26	0.00	64.		292	25	0.007		290	25	0.00	0.007	
1519		35.64	35.64		0.	42	0.00	60.		0.	12	0.001		0.	20	0.00	0.002	
1520		35.64	35.64		378	58	0.00	111.		460	27	0.004		428	23	0.56	0.004	
1521		19.01	19.01		0.	7	0.00	19.		0.	-18	0.000		0.	-17	0.31	0.000	
1522		19.01	19.01		0.	14	0.00	36.		0.	-14	0.000		0.	-14	0.25	0.000	
1523		19.01	19.01		0.	-41	0.73	-11.		0.	-19	0.000		0.	-18	0.33	0.000	
1524		19.01	19.01		0.	-12	0.21	-3.		0.	-22	0.000		0.	-21	0.37	0.000	
1525		19.01	19.01		0.	-26	0.46	-7.		0.	-23	0.000		0.	-23	0.41	0.000	
1526		19.01	19.01		0.	-71	1.27	-19.		0.	-23	0.000		0.	-23	0.41	0.000	
1527		19.01	19.01		0.	-33	0.59	-9.		0.	-29	0.000		0.	-25	0.44	0.000	
1528		19.01	19.01		0.	-40	0.72	-11.		0.	-19	0.000		0.	-15	0.27	0.000	
1529		19.01	19.01		0.	-54	0.96	-14.		0.	-24	0.000		0.	-19	0.34	0.000	
1530		19.01	19.01		0.	-21	0.37	-6.		0.	-11	0.000		0.	-2	0.04	0.000	
1531		19.01	19.01		0.	-34	0.62	-9.		0.	-7	0.000		0.	-3	0.06	0.000	
1532		19.01	19.01		0.	-29	0.52	-8.		0.	-21	0.000		0.	-16	0.30	0.000	
1533		35.64	35.64		961	-23	2.72	42.		983	14	0.005		992	20	2.27	0.005	
1535		19.01	19.01		999	-120	0.12	-54.		964	-14	0.008		964	-1	3.45	0.010	
1537		19.01	19.01		759	-95	0.15	-42.		680	-29	0.002		626	-14	2.29	0.004	
1538		19.01	19.01		2306	-76	8.34	136.		2214	-59	0.013		2146	-4	7.72	0.023	
1539		19.01	19.01		373	-52	0.17	-22.		335	-20	0.001		337	-20	1.17	0.001	
1540		19.01	19.01		2029	-22	7.41	221.		1942	-42	0.013		1862	-16	6.78	0.017	
1541		19.01	19.01		474	-14	1.72	32.		522	-23	0.002		523	-23	1.85	0.002	
1542		19.01	19.01		1448	38	4.50	299.		1366	-31	0.009		1339	-22	4.91	0.010	
1544		35.64	35.64		0.	-259	4.26	-64.		0.	-25	0.000		0.	0.	0.00	0.000	
1546		19.01	19.01		0.	-208	3.73	-56.		0.	-6	0.000		0.	2	0.00	0.001	
1547		19.01	19.01		1640	-106	5.72	23.		1578	-19	0.013		1556	-16	5.68	0.014	
1548		19.01	19.01		0.	-131	2.36	-35.		0.	-10	0.000		0.	-10	0.19	0.000	
1549		19.01	19.01		1760	-62	6.34	96.		1751	-19	0.015		1738	-10	6.30	0.017	
1550		19.01	19.01		0.	-82	1.48	-22.		0.	-9	0.000		0.	-9	0.17	0.000	
1551		19.01	19.01		1566	-23	5.74	157.		1546	-30	0.011		1524	-21	5.58	0.012	
1552		19.01	19.01		136	-48	0.59	-16.		187	-32	0.000		187	-32	0.20	0.000	
1553		35.64	35.64		0.	-316	5.21	-78.		0.	23	0.003		0.	23	0.00	0.003	
1554		35.64	35.64		0.	-334	5.50	-83.		0.	16	0.002		0.	17	0.00	0.002	
1555		35.64	35.64		0.	-355	5.85	-88.		0.	7	0.001		0.	7	0.00	0.001	
1556		35.64	35.64		0.	-336	5.53	-83.		0.	-3	0.000		0.	-3	0.05	0.000	
1557		35.64	35.64		0.	-288	4.75	-71.		0.	-17	0.000		0.	-16	0.27	0.000	
1558		35.64	35.64		0.	-287	4.72	-71.		0.	-3	0.000		0.	-2	0.04	0.000	
1559		19.01	19.01		0.	-171	3.06	-46.		0.	9	0.004		0.	9	0.00	0.004	
1560		19.01	19.01		0.	-194	3.48	-52.		0.	-1	0.000		0.	-1	0.02	0.000	
1561		19.01	19.01		0.	-223	4.01	-60.		0.	-9	0.000		0.	-9	0.17	0.000	
1562		19.01	19.01		0.	-250	4.48	-67.		0.	-25	0.000		0.	-25	0.45	0.000	
1563		19.01	19.01		0.	-243	4.36	-65.		0.	-41	0.000		0.	-41	0.73	0.000	
1564		19.01	19.01		0.	-247	4.44	-67.		0.	-27	0.000		0.	-26	0.47	0.000	
1565		19.01	19.01		0.	-112	2.02	-30.		0.	-17	0.000		0.	-17	0.31	0.000	
1566		19.01	19.01		0.	-125	2.24	-34.		0.	-10	0.000		0.	-10	0.19	0.000	
1567		19.01	19.01		0.	-144	2.58	-39.		0.	-25	0.000		0.	-25	0.45	0.000	
1568		19.01	19.01		0.	-164	2.95	-44.		0.	-40	0.000		0.	-39	0.71	0.000	
1569		19.01	19.01		0.	-178	3.20	-48.		0.	-52	0.000		0.	-52	0.93	0.000	
1570		19.01	19.01		0.	-170	3.05	-46.		0.	-47	0.000		0.	-47	0.85	0.000	
1571		19.01	19.01		0.	-90	1.62	-24.		0.	-22	0.000		0.	-21	0.38	0.000	
1572		19.01	19.01		0.	-99	1.77	-27.		0.	-33	0.000		0.	-32	0.57	0.000	
1573		19.01	19.01		0.	-104	1.87	-28.		0.	-42	0.000		0.	-43	0.77	0.000	
1574		19.01	19.01		0.	-107	1.92	-29.		0.	-52	0.000		0.	-54	0.96	0.000	
1575		19.01	19.01		0.	-106	1.91	-29.		0.	-60	0.000		0.	-62	1.11	0.000	
1576		19.01	19.01		0.	-104	1.88	-28.		0.	-58	0.000		0.	-66	1.19	0.000	
1577		19.01	19.01		0.	-54	0.97	-15.		0.	-51	0.000		0.	-51	0.92	0.000	
1578		19.01	19.01		0.	-60	1.07	-16.		0.	-60	0.000		0.	-60	1.07	0.000	
1579		19.01	19.01		0.	-59	1.06	-16.		0.	-67	0.000		0.	-69	1.24	0.000	
1580		19.01	19.01		0.	-61	1.09	-16.		0.	-74	0.000		0.	-77	1.38	0.000	
1581		19.01	19.01		0.	-60	1.08	-16.		0.	-79	0.000		0.	-82	1.48	0.000	
1582		19.01	19.01		157	-58	0.72	-19.		124	-81	0.000		121	-85	1.27	0.000	
1583		41.18	41.18		0.	-400	6.41	-96.		0.	-25	0.000		0.	-25	0.40	0.000	
1584		41.18	41.18		0.	-382	6.13	-92.		0.	-20	0.000		0.	-20	0.32	0.000	
1585		41.18	41.18		0.	-474	7.61	-114.		0.	-10	0.000		0.	-10	0.16	0.000	
1586		41.18	41.18		0.	-466	7.47	-112.		0.	-152	0.000		0.	-8	0.12	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1587		41.18	41.18		0.	-462	7.41	-111.		0.	-221	0.000		0.	-14	0.23	0.000	
1588		41.18	41.18		0.	-473	7.59	-114.		0.	-231	0.000		0.	-31	0.50	0.000	
1589		19.01	19.01		0.	-319	5.73	-86.		0.	-33	0.000		0.	-18	0.33	0.000	
1590		19.01	19.01		0.	-298	5.36	-80.		0.	-29	0.000		0.	-15	0.26	0.000	
1591		19.01	19.01		0.	-308	5.52	-83.		0.	-11	0.000		0.	2	0.00	0.001	
1592		19.01	19.01		0.	-287	5.15	-77.		0.	-67	0.000		0.	14	0.00	0.006	
1593		19.01	19.01		0.	-270	4.84	-73.		0.	-92	0.000		0.	19	0.00	0.008	
1594		19.01	19.01		0.	-264	4.74	-71.		0.	-90	0.000		0.	15	0.00	0.006	
1595		19.01	19.01		0.	-180	3.24	-49.		0.	-7	0.000		0.	-7	0.13	0.000	
1596		19.01	19.01		0.	-163	2.93	-44.		0.	-13	0.000		0.	-13	0.23	0.000	
1597		19.01	19.01		0.	-140	2.51	-38.		0.	-1	0.000		0.	0.	0.00	0.000	
1598		19.01	19.01		0.	-115	2.07	-31.		0.	29	0.012		0.	29	0.00	0.012	
1599		19.01	19.01		0.	-101	1.81	-27.		0.	25	0.010		0.	49	0.00	0.019	
1600		19.01	19.01		0.	-88	1.58	-24.		0.	41	0.016		0.	64	0.00	0.026	
1601		19.01	19.01		0.	-66	1.19	-18.		0.	0.	0.000		0.	-7	0.13	0.000	
1602		19.01	19.01		0.	-62	1.11	-17.		0.	-8	0.000		0.	-8	0.14	0.000	
1603		19.01	19.01		0.	-59	1.06	-16.		0.	-12	0.000		0.	-12	0.21	0.000	
1604		19.01	19.01		0.	-42	0.75	-11.		0.	7	0.003		0.	7	0.00	0.003	
1605		19.01	19.01		0.	-12	0.22	-3.		0.	48	0.019		0.	48	0.00	0.019	
1606		19.01	19.01		0.	20	0.00	52.		0.	83	0.033		0.	83	0.00	0.033	
1607		19.01	19.01		0.	-12	0.21	-3.		0.	-13	0.000		0.	-29	0.53	0.000	
1608		19.01	19.01		0.	-8	0.14	-2.		0.	-28	0.000		0.	-28	0.51	0.000	
1609		19.01	19.01		0.	-4	0.07	-1.		0.	-29	0.000		0.	-29	0.52	0.000	
1610		19.01	19.01		0.	0.	0.00	0.		0.	-29	0.000		0.	-29	0.53	0.000	
1611		19.01	19.01		0.	-3	0.05	-1.		0.	-11	0.000		0.	-10	0.19	0.000	
1612		19.01	19.01		0.	28	0.00	72.		0.	34	0.013		0.	34	0.00	0.013	
1613		41.18	41.18		1898	-206	0.01	-85.		1962	-110	0.001		2000	-41	5.25	0.003	
1616		41.18	41.18		0.	-327	5.25	-79.		0.	-42	0.000		0.	42	0.00	0.004	
1617		41.18	41.18		0.	-336	5.39	-81.		0.	-39	0.000		0.	55	0.00	0.005	
1618		41.18	41.18		0.	-290	4.65	-70.		0.	-52	0.000		0.	64	0.00	0.006	
1619		19.01	19.01		938	-171	1.16	-67.		1059	-51	0.003		1112	14	3.78	0.017	
1620		19.01	19.01		0.	-159	2.85	-43.		131	10	0.005		89	54	0.00	0.022	
1621		19.01	19.01		0.	-170	3.06	-46.		0.	-26	0.000		0.	64	0.00	0.025	
1622		19.01	19.01		0.	-172	3.10	-46.		0.	36	0.014		0.	68	0.00	0.027	
1623		19.01	19.01		0.	-187	3.35	-50.		0.	43	0.017		0.	64	0.00	0.026	
1624		19.01	19.01		0.	-173	3.11	-47.		0.	28	0.011		0.	54	0.00	0.022	
1625		19.01	19.01		0.	-29	0.53	-8.		0.	69	0.028		0.	85	0.00	0.034	
1626		19.01	19.01		0.	-17	0.31	-5.		0.	103	0.041		0.	102	0.00	0.041	
1627		19.01	19.01		0.	-7	0.12	-2.		0.	84	0.034		0.	104	0.00	0.041	
1628		19.01	19.01		0.	-8	0.14	-2.		0.	93	0.037		0.	93	0.00	0.037	
1629		19.01	19.01		0.	-15	0.26	-4.		0.	73	0.029		0.	73	0.00	0.029	
1630		19.01	19.01		0.	-1	0.03	0.		0.	48	0.019		0.	48	0.00	0.019	
1631		19.01	19.01		0.	134	0.00	354.		0.	166	0.066		0.	158	0.00	0.063	
1632		19.01	19.01		0.	118	0.00	310.		0.	148	0.059		0.	142	0.00	0.057	
1633		19.01	19.01		0.	99	0.00	261.		0.	123	0.049		0.	117	0.00	0.047	
1634		19.01	19.01		0.	82	0.00	215.		0.	95	0.038		0.	89	0.00	0.035	
1635		19.01	19.01		0.	47	0.00	123.		0.	57	0.023		0.	50	0.00	0.020	
1636		19.01	19.01		0.	29	0.00	77.		0.	23	0.009		0.	17	0.00	0.007	
1637		19.01	19.01		0.	216	0.00	568.		0.	196	0.078		0.	168	0.00	0.067	
1638		19.01	19.01		0.	153	0.00	402.		0.	131	0.052		0.	116	0.00	0.046	
1639		19.01	19.01		0.	111	0.00	293.		0.	88	0.035		0.	73	0.00	0.029	
1640		19.01	19.01		0.	65	0.00	172.		0.	39	0.015		0.	25	0.00	0.010	
1641		19.01	19.01		0.	41	0.00	108.		0.	14	0.006		0.	4	0.00	0.001	
1642		19.01	19.01		0.	25	0.00	67.		0.	1	0.000		0.	-4	0.07	0.000	
1643		35.64	35.64		426	-426	6.25	-114.		242	-104	0.000		143	1	0.36	0.001	
1646		41.18	41.18		16	-430	6.86	-104.		0.	-91	0.000		0.	-20	0.32	0.000	
1647		19.01	19.01		96	-308	5.34	-85.		0.	-48	0.000		0.	-20	0.37	0.000	
1648		19.01	19.01		2054	-349	2.08	-139.		1834	-110	0.003		1701	-11	6.18	0.016	
1649		19.01	19.01		1599	-360	3.21	-132.		1439	-96	0.001		1376	-9	5.00	0.013	
1650		19.01	19.01		0.	-339	6.08	-91.		0.	-49	0.000		0.	-16	0.29	0.000	
1651		19.01	19.01		64	-189	3.26	-52.		0.	-32	0.000		0.	-32	0.57	0.000	
1652		19.01	19.01		2266	-243	0.26	-115.		2064	-79	0.008		1967	-26	7.20	0.016	
1653		19.01	19.01		1610	-251	1.22	-103.		1510	-56	0.006		1478	-11	5.37	0.014	
1654		19.01	19.01		0.	-181	3.25	-49.		0.	-2	0.000		0.	-2	0.04	0.000	
1655		19.01	19.01		545	-104	0.76	-40.		457	-60	0.000		457	-61	0.16	0.000	
1656		19.01	19.01		2217	-138	7.73	35.		2123	-80	0.008		2066	-50	7.55	0.013	
1657		19.01	19.01		1268	-129	0.26	-63.		1148	-44	0.004		1096	-28	4.00	0.006	
1658		19.01	19.01		0.	-78	1.39	-21.		0.	-12	0.000		0.	-12	0.21	0.000	
1659		19.01	19.01		709	-56	2.53	3.		690	-82	0.000		690	-82	0.07	0.000	
1660		19.01	19.01		1688	-52	6.13	107.		1644	-83	0.004		1597	-70	5.67	0.005	
1661		19.01	19.01		939	-38	3.35	42.		878	-52	0.001		817	-47	2.85	0.001	
1662		19.01	19.01		0.	-19	0.34	-5.		0.	-32	0.000		0.	-32	0.58	0.000	
1663		41.18	41.18		804	-347	4.18	-99.		500	-171	0.000		226	-27	0.03	0.000	
1664		41.18	41.18		1648	-317	2.23	-107.		1412	-166	0.000		1210	-46	3.31	0.001	
1665		41.18	41.18		3054	-321	0.14	-134.		2805	-207	0.000		2545	-87	6.91	0.003	
1666		41.18	41.18		5692	-302	16.07	82.		5352	-166	0.007		5110	-29	12.72	0.012	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1667		19.01	19.01		0.	-290	5.21	-78.		0.	-95	0.000		0.	11	0.00	0.004
1668		19.01	19.01		1382	-297	2.52	-110.		1142	-93	0.000		1035	-4	3.74	0.010
1669		19.01	19.01		3308	-310	1.17	-156.		3117	-181	0.005		2914	-51	10.68	0.021
1670		19.01	19.01		5623	-344	19.59	95.		5400	-230	0.018		5193	-116	19.01	0.034
1671		19.01	19.01		0.	-99	1.77	-27.		0.	43	0.017		0.	74	0.00	0.030
1672		19.01	19.01		814	-150	1.04	-58.		725	19	0.014		717	67	0.00	0.032
1673		19.01	19.01		3258	-182	11.37	74.		3111	-77	0.019		2953	27	10.22	0.041
1674		19.01	19.01		6069	-245	21.66	273.		5924	-147	0.036		5760	-49	20.98	0.052
1675		19.01	19.01		0.	54	0.00	141.		0.	124	0.049		0.	124	0.00	0.049
1676		19.01	19.01		679	51	0.15	235.		642	131	0.056		638	160	0.00	0.068
1677		19.01	19.01		2458	47	8.05	461.		2373	102	0.061		2352	161	2.45	0.083
1678		19.01	19.01		6732	-9	24.18	897.		6624	44	0.086		6498	95	21.86	0.101
1679		19.01	19.01		0.	103	0.00	271.		0.	116	0.046		0.	102	0.00	0.041
1680		19.01	19.01		281	198	0.00	562.		316	193	0.078		344	201	0.00	0.082
1681		19.01	19.01		1462	303	0.00	1012.		1510	302	0.130		1530	312	0.00	0.134
1682		19.01	19.01		6840	397	12.18	2025.		6683	392	0.215		6513	386	11.12	0.209
1683		41.18	41.18		5249	-143	14.04	187.		4919	-39	0.011		4581	65	10.13	0.017
1684		41.18	41.18		2916	-258	0.92	-117.		2897	-130	0.002		2872	-29	7.28	0.006
1685		19.01	19.01		5318	-255	18.73	174.		4922	-110	0.032		4714	-7	16.94	0.050
1686		19.01	19.01		2539	-246	0.76	-122.		2561	-114	0.008		2567	-46	9.41	0.019
1687		19.01	19.01		5608	-232	19.98	242.		5435	-155	0.029		5304	-92	19.44	0.039
1688		19.01	19.01		1929	-106	6.73	45.		1955	-1	0.021		1965	25	6.68	0.029
1689		19.01	19.01		5869	16	20.83	844.		5740	42	0.075		5639	45	19.62	0.075
1690		19.01	19.01		1320	113	0.00	489.		1105	148	0.067		1021	146	0.00	0.065
1691		19.01	19.01		5365	414	0.00	1873.		5256	374	0.191		5150	333	6.83	0.175
1692		19.01	19.01		546	307	0.00	887.		483	280	0.114		413	253	0.00	0.103
1693		41.18	41.18		0.	-219	3.51	-53.		0.	-120	0.000		0.	65	0.00	0.006
1694		41.18	41.18		0.	-145	2.33	-35.		0.	-70	0.000		0.	30	0.00	0.003
1695		41.18	41.18		0.	-177	2.84	-43.		0.	-49	0.000		0.	17	0.00	0.002
1696		24.55	24.55		0.	-135	2.35	-35.		0.	-31	0.000		0.	37	0.00	0.009
1697		24.55	24.55		0.	-75	1.30	-20.		0.	-10	0.000		0.	-6	0.11	0.000
1698		24.55	24.55		0.	-33	0.58	-9.		0.	-18	0.000		0.	-1	0.02	0.000
1699		19.01	19.01		0.	-17	0.31	-5.		0.	3	0.001		0.	3	0.00	0.001
1700		19.01	19.01		0.	-12	0.22	-3.		0.	-9	0.000		0.	-9	0.16	0.000
1701		19.01	19.01		0.	-8	0.15	-2.		0.	-26	0.000		0.	-26	0.47	0.000
1702		19.01	19.01		0.	20	0.00	53.		0.	3	0.001		0.	-1	0.02	0.000
1703		19.01	19.01		0.	20	0.00	52.		0.	-8	0.000		0.	-4	0.07	0.000
1704		19.01	19.01		0.	14	0.00	38.		0.	-10	0.000		0.	-6	0.10	0.000
1705		19.01	19.01		0.	13	0.00	35.		0.	-4	0.000		0.	-1	0.01	0.000
1706		19.01	19.01		0.	14	0.00	36.		0.	-4	0.000		0.	-13	0.23	0.000
1707		19.01	19.01		24	16	0.00	45.		0.	-4	0.000		0.	-12	0.21	0.000
1708		41.18	41.18		222	-62	0.61	-19.		544	-6	0.001		627	-2	1.55	0.002
1709		24.55	24.55		3	-4	0.06	-1.		107	-8	0.000		110	-6	0.36	0.000
1710		19.01	19.01		0.	-3	0.05	-1.		0.	-33	0.000		0.	-33	0.60	0.000
1711		19.01	19.01		207	-1	0.75	26.		0.	-23	0.000		0.	-19	0.34	0.000
1712		19.01	19.01		566	6	1.95	92.		475	-8	0.004		459	-12	1.67	0.003
1713		41.18	41.18		1250	-25	3.28	53.		1350	-23	0.002		1218	-20	3.16	0.002
1714		24.55	24.55		1868	-13	6.02	174.		1831	-42	0.007		1836	-43	6.06	0.007
1715		19.01	19.01		1931	4	6.87	274.		1786	-14	0.017		1800	-21	6.58	0.015
1716		19.01	19.01		1875	15	6.53	295.		1607	-7	0.016		1439	-20	5.27	0.012
1717		19.01	19.01		1342	20	4.50	237.		1230	-5	0.012		1109	-7	4.03	0.011
2583		41.18	41.18		745	-2	1.83	46.		652	-4	0.002		654	-2	1.61	0.002
2584		41.18	41.18		880	-24	2.35	32.		835	12	0.003		821	6	1.90	0.003
2585		41.18	41.18		947	-1	2.31	60.		908	-8	0.002		898	-8	2.27	0.002
2586		41.18	41.18		1005	-32	2.72	31.		937	4	0.003		923	4	2.18	0.003
2587		41.18	41.18		605	36	0.59	84.		682	58	0.006		679	58	0.00	0.006
2588		41.18	41.18		248	66	0.00	97.		352	44	0.005		321	55	0.00	0.005
2589		41.18	41.18		402	36	0.00	71.		507	43	0.005		504	43	0.00	0.005
2590		41.18	41.18		112	60	0.00	80.		172	29	0.003		153	38	0.00	0.004
2591		41.18	41.18		481	110	0.00	166.		642	51	0.006		752	24	1.40	0.004
2592		41.18	41.18		645	115	0.00	183.		414	55	0.006		385	27	0.20	0.003
2593		41.18	41.18		695	74	0.00	137.		802	41	0.005		869	26	1.65	0.004
2594		41.18	41.18		1041	43	1.68	120.		705	27	0.004		583	27	0.83	0.004
2597		41.18	41.18		1048	-3	2.57	65.		690	20	0.003		669	17	1.33	0.003
2598		41.18	41.18		251	-194	2.67	-51.		0.	-7	0.000		0.	2	0.00	0.000
2599		41.18	41.18		528	97	0.00	154.		618	49	0.006		578	45	0.00	0.005
2600		41.18	41.18		606	137	0.00	207.		673	67	0.007		622	64	0.00	0.007
2601		41.18	41.18		0.	-372	5.97	-90.		0.	27	0.002		0.	27	0.00	0.002
2602		41.18	41.18		0.	-442	7.09	-106.		0.	28	0.003		0.	28	0.00	0.003
2603		41.18	41.18		0.	-414	6.64	-100.		0.	24	0.002		0.	24	0.00	0.002
2604		41.18	41.18		0.	-423	6.78	-102.		0.	21	0.002		0.	21	0.00	0.002
2605		41.18	41.18		0.	-430	6.90	-103.		0.	16	0.001		0.	16	0.00	0.001
2606		41.18	41.18		0.	-393	6.30	-94.		0.	9	0.001		0.	9	0.00	0.001
2607		41.18	41.18		0.	-313	5.01	-75.		0.	-2	0.000		0.	-2	0.03	0.000
2608		41.18	41.18		0.	-311	4.98	-75.		0.	6	0.000		0.	6	0.00	0.001
2609		41.18	41.18		532	-497	7.04	-129.		318	-146	0.000		179	14	0.00	0.002

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2612		41.18	41.18		78	-488	7.69	-119.		0.	-130	0.000		0.	-21	0.34	0.000	
2613		41.18	41.18		0.	-459	7.37	-111.		0.	-30	0.000		0.	-30	0.47	0.000	
2614		41.18	41.18		0.	-442	7.10	-106.		0.	-24	0.000		0.	-24	0.38	0.000	
2615		41.18	41.18		0.	-579	9.28	-139.		0.	-35	0.000		0.	-18	0.28	0.000	
2616		41.18	41.18		0.	-577	9.25	-139.		0.	-223	0.000		0.	-21	0.33	0.000	
2617		41.18	41.18		0.	-578	9.27	-139.		0.	-306	0.000		0.	-33	0.52	0.000	
2618		41.18	41.18		84	-581	9.17	-141.		0.	-319	0.000		0.	-56	0.90	0.000	
2619		41.18	41.18		1221	-263	2.10	-86.		903	-149	0.000		578	-36	1.67	0.000	
2622		41.18	41.18		5187	-289	14.73	66.		4666	-145	0.006		4544	-1	11.02	0.012	
2623		41.18	41.18		5152	-64	13.19	263.		4858	11	0.013		4540	85	9.66	0.018	
2624		41.18	41.18		3098	-205	9.05	21.		3047	-110	0.003		2996	-17	7.46	0.007	
2625		41.18	41.18		2238	-181	6.90	1.		2241	-121	0.001		2240	-61	5.99	0.003	
2645		41.18	41.18		1129	-388	4.27	-115.		889	-145	0.000		715	-28	1.96	0.001	
2646		41.18	41.18		1383	-462	5.02	-137.		1155	-158	0.000		996	-12	2.54	0.002	
2647		19.01	19.01		1460	-439	4.91	-150.		1243	-154	0.000		1103	-18	4.04	0.008	
2649		41.18	41.18		1641	-373	3.14	-121.		1374	-159	0.000		1158	-2	2.82	0.003	
2651		19.01	19.01		1961	-395	3.10	-150.		1700	-152	0.000		1510	-13	5.50	0.014	
2652		41.18	41.18		1763	-393	3.25	-128.		1506	-169	0.000		1287	-12	3.25	0.003	
3824		19.01	19.01		1992	-13	7.23	239.		2308	-29	0.019		2305	-29	8.43	0.019	
3825		19.01	19.01		1786	-15	6.51	205.		2101	-32	0.016		2097	-32	7.68	0.016	
3826		19.01	19.01		2010	-19	7.33	227.		2290	-28	0.019		2296	-28	8.40	0.019	
3828		19.01	19.01		1600	-10	5.81	193.		1706	-13	0.016		1707	-12	6.20	0.016	
3829		19.01	19.01		1737	-9	6.29	214.		1961	-18	0.018		1961	-18	7.15	0.018	
3830		19.01	19.01		1875	-6	6.76	241.		2095	-21	0.018		2095	-21	7.64	0.019	
3832		19.01	19.01		2089	-118	7.29	45.		1747	-21	0.015		1673	7	5.90	0.020	
3834		19.01	19.01		2329	-106	8.23	85.		2173	-52	0.013		2124	-9	7.68	0.021	
3835		19.01	19.01		2000	-115	6.97	41.		1821	-31	0.014		1760	-2	6.31	0.019	
3836		19.01	19.01		1444	-164	0.00	-76.		1340	-18	0.011		1338	-1	4.80	0.014	
3837		19.01	19.01		1308	-157	0.16	-71.		1214	-6	0.012		1212	-2	4.36	0.013	
3838		19.01	19.01		1618	-143	0.73	-74.		1560	-1	0.017		1560	-9	5.66	0.015	
3840		41.18	41.18		1115	-63	3.17	14.		790	5	0.002		754	13	1.62	0.003	
3841		41.18	41.18		1275	-123	0.24	-53.		1110	-19	0.002		970	9	2.22	0.003	
3842		19.01	19.01		1281	-137	0.15	-65.		1090	-14	0.009		1074	4	3.80	0.013	
3844		41.18	41.18		1317	-2	3.22	83.		889	2	0.002		733	25	1.32	0.004	
3846		19.01	19.01		1844	-109	6.43	35.		1403	0.	0.015		1305	16	4.45	0.019	
3847		41.18	41.18		1521	-71	4.23	29.		1200	-10	0.003		1138	21	2.42	0.005	
5587		19.01	19.01		892	-78	3.27	0.		728	-14	0.005		726	-14	2.66	0.005	
5588		19.01	19.01		644	-46	2.26	6.		695	-6	0.006		707	-8	2.58	0.006	
5589		19.01	19.01		374	-4	1.37	42.		579	-11	0.004		644	-10	2.36	0.005	
5590		19.01	19.01		535	-9	1.96	51.		690	-3	0.007		756	0.	2.70	0.008	
5591		19.01	19.01		653	-14	2.39	55.		635	-2	0.006		624	0.	2.24	0.007	
5594		19.01	19.01		579	-145	1.43	-52.		1025	-17	0.008		1022	-17	3.74	0.008	
5595		19.01	19.01		480	-80	0.46	-32.		752	-10	0.006		768	-7	2.80	0.007	
5596		19.01	19.01		378	-1	1.36	50.		382	-7	0.003		426	-6	1.56	0.003	
5597		19.01	19.01		506	-35	1.78	5.		512	2	0.006		552	0.	1.97	0.006	
5598		19.01	19.01		699	-32	2.47	26.		717	10	0.011		668	6	2.31	0.009	
5615		19.01	19.01		1468	-28	5.38	132.		2053	-124	0.003		1795	-23	6.57	0.015	
5616		19.01	19.01		894	-124	0.40	-53.		1415	-89	0.002		1250	-22	4.58	0.009	
5617		19.01	19.01		11	8	0.00	22.		545	-14	0.003		495	-19	1.78	0.002	
5618		19.01	19.01		36	152	0.00	404.		286	29	0.014		379	6	1.27	0.006	
5619		19.01	19.01		281	139	0.00	407.		493	46	0.022		588	21	1.66	0.013	
5622		19.01	19.01		0.	-155	2.78	-42.		1547	-47	0.008		1753	-51	6.38	0.009	
5623		19.01	19.01		0.	-34	0.60	-9.		839	-33	0.003		1200	-34	4.37	0.006	
5624		19.01	19.01		0.	93	0.00	244.		119	8	0.004		421	-21	1.48	0.001	
5625		19.01	19.01		0.	267	0.00	702.		0.	58	0.023		225	12	0.46	0.007	
5626		19.01	19.01		130	200	0.00	544.		169	62	0.026		326	25	0.08	0.012	
5627		19.01	19.01		0.	-116	2.08	-31.		0.	12	0.005		0.	125	0.00	0.050	
5628		19.01	19.01		1651	39	5.22	331.		964	138	0.061		1156	165	0.00	0.073	
5629		19.01	19.01		1276	-31	4.67	99.		1429	56	0.035		1588	50	4.69	0.034	
5630		19.01	19.01		0.	-688	12.35	-185.		0.	-328	0.000		0.	-30	0.54	0.000	
5631		19.01	19.01		1966	-308	1.51	-126.		1785	-73	0.006		1374	67	3.12	0.038	
5632		19.01	19.01		1784	-160	0.76	-82.		1701	-39	0.011		1628	48	4.89	0.034	
5633		19.01	19.01		0.	-811	14.57	-218.		0.	-461	0.000		470	-71	0.32	0.000	
5634		19.01	19.01		2635	-546	4.44	-205.		1982	-276	0.000		1119	-20	4.10	0.008	
5635		19.01	19.01		1857	-264	0.95	-112.		1547	-126	0.000		1241	32	3.87	0.024	
5636		19.01	19.01		43	-486	8.64	-132.		345	-260	0.000		648	-34	2.27	0.001	
5637		19.01	19.01		2740	-233	9.98	3.		1720	-108	0.002		700	-16	2.56	0.005	
5638		19.01	19.01		1468	-171	0.08	-78.		1168	-65	0.002		785	40	1.70	0.023	
5639		19.01	19.01		427	227	0.00	661.		243	110	0.045		159	12	0.10	0.006	
5640		19.01	19.01		1837	162	0.00	693.		1054	124	0.057		267	63	0.00	0.027	
5641		19.01	19.01		943	90	0.00	374.		704	71	0.033		378	52	0.00	0.023	
5642		19.01	19.01		547	312	0.00	901.		163	173	0.070		122	29	0.00	0.012	
5643		19.01	19.01		1231	283	0.00	925.		683	191	0.080		177	66	0.00	0.027	
5644		19.01	19.01		850	93	0.00	368.		426	84	0.036		135	42	0.00	0.018	
5645		19.01	19.01		732	196	0.00	622.		293	122	0.050		310	28	0.00	0.013	
5647		19.01	19.01		630	-36	2.20	14.		232	31	0.014		0.	12	0.00	0.005	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5662		19.01	19.01		795	-60	2.82	5.1		551	-11	0.004		499	-22	1.77	0.001	
5663		19.01	19.01		723	-106	0.43	-44.1		438	-28	0.001		364	-8	1.33	0.002	
5664		19.01	19.01		848	-104	0.13	-47.1		552	-17	0.003		492	-13	1.80	0.003	
5665		19.01	19.01		462	-97	0.81	-36.1		201	-29	0.000		144	-7	0.51	0.000	
5666		19.01	19.01		783	-118	0.52	-49.1		172	-30	0.000		85	-15	0.10	0.000	
5667		19.01	19.01		319	-81	0.79	-29.1		99	-31	0.000		33	-6	0.04	0.000	
5668		19.01	19.01		323	-126	1.60	-41.1		97	-37	0.000		47	-9	0.07	0.000	
5669		19.01	19.01		231	-74	0.85	-25.1		63	-28	0.000		37	0.	0.13	0.000	
5670		19.01	19.01		112	13	0.00	52.1		57	9	0.004		8	7	0.00	0.003	
5671		19.01	19.01		111	13	0.00	51.1		59	7	0.003		20	6	0.00	0.002	
5672		19.01	19.01		498	-81	0.44	-33.1		260	-49	0.000		165	-4	0.60	0.001	
5673		19.01	19.01		308	-59	0.43	-23.1		144	-27	0.000		73	-24	0.28	0.000	
5674		19.01	19.01		929	-235	2.32	-84.1		748	-125	0.000		553	-21	1.98	0.002	
5675		19.01	19.01		389	-205	2.88	-64.1		280	-102	0.000		145	-28	0.22	0.000	
5697		19.01	19.01		629	-167	1.71	-59.1		681	-17	0.004		628	38	1.02	0.020	
5698		19.01	19.01		1709	-83	6.01	55.1		0.	166	0.066		0.	219	0.00	0.088	
5699		19.01	19.01		549	-232	3.04	-75.1		0.	-44	0.000		0.	143	0.00	0.057	
5700		19.01	19.01		1274	-170	0.46	-74.1		1041	-20	0.007		817	58	0.64	0.030	
5701		19.01	19.01		1854	-212	0.03	-98.1		0.	99	0.040		0.	201	0.00	0.080	
5702		19.01	19.01		0.	-542	9.74	-146.1		0.	-254	0.000		0.	36	0.00	0.014	
5703		19.01	19.01		1351	-221	1.22	-89.1		922	-54	0.001		565	67	0.00	0.031	
5704		19.01	19.01		1970	-359	2.43	-140.1		449	-8	0.003		0.	136	0.00	0.054	
5705		19.01	19.01		0.	-721	12.94	-194.1		0.	-363	0.000		0.	24	0.00	0.010	
5706		19.01	19.01		1408	-223	1.13	-91.1		1026	-76	0.001		768	57	0.34	0.029	
5707		19.01	19.01		2620	-393	1.71	-163.1		1270	-98	0.000		582	64	0.00	0.030	
5708		19.01	19.01		0.	-658	11.82	-177.1		0.	-323	0.000		384	11	1.16	0.008	
5709		19.01	19.01		1788	-103	6.23	37.1		1405	-39	0.008		1103	18	3.68	0.018	
5710		19.01	19.01		3203	-259	11.52	10.1		2374	-166	0.002		1542	7	5.44	0.019	
5711		19.01	19.01		1785	-253	0.90	-107.1		1819	-142	0.001		1851	-33	6.79	0.014	
5712		19.01	19.01		1786	-44	6.53	136.1		1390	-40	0.007		1068	-13	3.91	0.009	
5713		19.01	19.01		2834	-70	10.36	215.1		2269	-66	0.012		1699	-26	6.22	0.013	
5714		19.01	19.01		3318	-134	11.84	148.1		3047	-104	0.014		2756	-11	9.96	0.028	
5724		19.01	19.01		0.	-518	9.30	-139.1		0.	-240	0.000		521	23	1.31	0.013	
5725		19.01	19.01		547	-333	4.87	-102.1		1502	15	0.021		1495	15	5.15	0.021	
5726		19.01	19.01		797	-13	2.92	77.1		935	7	0.012		929	7	3.24	0.012	
5727		19.01	19.01		0.	-367	6.59	-99.1		0.	-165	0.000		775	19	2.42	0.015	
5728		19.01	19.01		806	-230	2.49	-80.1		1162	6	0.015		1164	12	4.01	0.016	
5729		19.01	19.01		804	-2	2.90	104.1		840	1	0.010		823	2	2.92	0.010	
5730		19.01	19.01		270	-156	2.24	-48.1		1076	-57	0.002		1740	22	5.92	0.026	
5731		19.01	19.01		2112	-88	7.52	90.1		2165	-9	0.022		2138	-3	7.68	0.023	
5732		19.01	19.01		1663	10	5.84	253.1		1567	-19	0.013		1534	-16	5.60	0.013	
5733		19.01	19.01		3290	-16	11.91	409.1		3504	24	0.046		3569	63	11.79	0.059	
5734		19.01	19.01		2918	-65	10.68	238.1		2892	-24	0.026		2846	-15	10.31	0.028	
5735		19.01	19.01		2157	-82	7.73	106.1		2072	-54	0.012		2040	-23	7.45	0.018	
5736		19.01	19.01		4768	-14	17.19	617.1		4618	36	0.062		4343	86	14.16	0.075	
5737		19.01	19.01		3157	-144	11.16	114.1		3095	-75	0.019		3039	-8	10.95	0.031	
5745		19.01	19.01		1034	-177	1.06	-70.1		1545	6	0.019		1539	6	5.44	0.019	
5746		19.01	19.01		909	-284	3.25	-97.1		1522	-4	0.016		1516	-4	5.46	0.016	
5747		19.01	19.01		409	-155	1.95	-51.1		950	6	0.012		946	6	3.32	0.012	
5748		19.01	19.01		751	-142	1.02	-55.1		1157	4	0.014		1152	4	4.08	0.014	
5749		19.01	19.01		700	-177	1.76	-63.1		1232	5	0.015		1227	5	4.33	0.015	
5750		19.01	19.01		412	-107	1.08	-38.1		886	5	0.011		882	5	3.09	0.011	
5751		19.01	19.01		292	-39	0.11	-17.1		565	-7	0.005		571	6	1.97	0.008	
5752		19.01	19.01		361	-46	0.09	-20.1		787	-9	0.007		857	12	2.88	0.013	
5753		19.01	19.01		391	-13	1.41	23.1		755	1	0.009		816	3	2.89	0.010	
5754		19.01	19.01		0.	-57	1.03	-15.1		66	-27	0.000		144	19	0.00	0.008	
5755		19.01	19.01		239	-11	0.85	9.1		339	-20	0.000		477	23	1.10	0.013	
5756		19.01	19.01		478	-4	1.74	56.1		700	-2	0.007		772	2	2.74	0.009	
5758		19.01	19.01		254	-70	0.74	-24.1		463	-24	0.001		550	19	1.58	0.012	
5759		19.01	19.01		695	-22	2.52	42.1		644	-7	0.006		709	-3	2.56	0.007	
5760		19.01	19.01		0.	20	0.00	54.1		0.	180	0.072		0.	131	0.00	0.052	
5763		19.01	19.01		0.	192	0.00	504.1		0.	244	0.097		0.	165	0.00	0.066	
5764		19.01	19.01		1388	221	0.00	785.1		1288	208	0.091		850	105	0.00	0.048	
5765		19.01	19.01		2090	148	1.69	693.1		1898	37	0.033		1662	-13	6.05	0.015	
5767		19.01	19.01		1533	202	0.00	756.1		719	217	0.090		192	134	0.00	0.054	
5768		19.01	19.01		1563	132	0.00	575.1		1239	44	0.028		866	3	3.07	0.010	
5772		19.01	19.01		1054	-28	3.85	77.1		713	-37	0.002		415	-33	1.48	0.000	
5773		19.01	19.01		0.	-45	0.80	-12.1		0.	77	0.031		0.	105	0.00	0.042	
5774		19.01	19.01		998	-83	3.61	2.1		0.	97	0.039		0.	277	0.00	0.111	
5775		19.01	19.01		832	-28	3.01	48.1		398	-29	0.000		0.	-10	0.19	0.000	
5776		19.01	19.01		690	-39	2.41	15.1		0.	113	0.045		0.	149	0.00	0.060	
5777		19.01	19.01		1668	-40	6.10	129.1		279	94	0.039		0.	228	0.00	0.091	
5778		19.01	19.01		1099	-103	0.39	-52.1		1290	-60	0.004		1285	-60	4.53	0.004	
5779		19.01	19.01		869	-66	3.08	5.1		955	-46	0.003		954	-46	3.36	0.002	
5780		19.01	19.01		817	-73	0.36	-38.1		933	-46	0.002		901	-48	3.15	0.002	
5781		19.01	19.01		625	-27	2.22	25.1		672	-28	0.002		662	-32	2.33	0.002	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5782		19.01	19.01		496	-47	0.17	-23.		542	-38	0.000		484	-43	0.22	0.000	
5783		19.01	19.01		474	-12	1.73	36.		497	-24	0.001		442	-30	1.54	0.000	
5785		41.18	41.18		1091	62	1.17	148.		761	107	0.011		481	30	0.42	0.004	
5786		41.18	41.18		973	63	0.73	142.		580	53	0.006		538	21	0.88	0.003	
5787		41.18	41.18		849	82	0.00	157.		422	75	0.007		437	23	0.55	0.003	
5789		41.18	41.18		336	-109	1.16	-32.		0.	-32	0.000		0.	4	0.00	0.000	
5790		41.18	41.18		411	-143	1.58	-42.		73	-20	0.000		0.	5	0.00	0.000	
5791		41.18	41.18		725	-47	2.11	6.		323	85	0.008		18	26	0.00	0.002	
5792		19.01	19.01		1093	200	0.00	686.		648	159	0.067		244	50	0.00	0.022	
5793		19.01	19.01		773	22	2.34	166.		357	92	0.039		9	37	0.00	0.015	
5795		19.01	19.01		1051	136	0.00	511.		694	129	0.056		368	34	0.00	0.017	
5797		41.18	41.18		1199	-311	2.91	-97.		993	-155	0.000		806	-15	2.11	0.001	
5798		41.18	41.18		1439	-334	2.86	-107.		1189	-145	0.000		978	-1	2.38	0.003	
5799		41.18	41.18		1821	-506	4.95	-156.		1515	-227	0.000		1223	-3	3.00	0.003	
5801		41.18	41.18		1232	-563	6.89	-158.		972	-255	0.000		743	-36	2.08	0.001	
5802		41.18	41.18		863	-326	3.73	-94.		641	-120	0.000		474	-25	1.34	0.000	
5803		41.18	41.18		682	-305	3.71	-86.		465	-117	0.000		318	-30	0.07	0.000	
5804		19.01	19.01		1690	-134	6.05	7.		1290	-85	0.001		947	-33	3.41	0.004	
5805		19.01	19.01		1563	-150	0.50	-75.		1267	-93	0.001		971	-36	3.49	0.004	
5807		19.01	19.01		1331	-206	0.99	-85.		983	-123	0.000		669	-39	2.33	0.001	
5808		19.01	19.01		2602	-99	9.32	127.		2168	-77	0.009		1727	-54	6.26	0.009	
5809		19.01	19.01		2709	-163	9.44	48.		2360	-123	0.005		2002	-47	7.32	0.013	
5811		19.01	19.01		2125	-175	7.67	5.		1773	-118	0.002		1413	-62	5.01	0.004	
5812		19.01	19.01		4013	-168	14.28	170.		3621	-137	0.014		3223	-3	11.56	0.034	
5813		19.01	19.01		4990	-245	17.54	154.		4492	-133	0.023		4132	12	14.65	0.049	
5815		19.01	19.01		3070	-207	10.74	36.		2735	-152	0.005		2392	-56	8.75	0.015	
5817		41.18	41.18		2192	-201	0.58	-89.		1863	-128	0.000		1526	-55	4.16	0.002	
5818		41.18	41.18		1808	-252	0.90	-94.		1536	-155	0.000		1256	-59	3.50	0.001	
5819		41.18	41.18		1342	-178	0.53	-68.		1098	-104	0.000		846	-30	2.30	0.001	
5821		41.18	41.18		3643	-223	10.50	34.		3255	-158	0.002		2858	-63	7.54	0.005	
5822		41.18	41.18		2979	-251	1.14	-116.		2666	-173	0.001		2344	-63	6.26	0.003	
5823		41.18	41.18		2477	-185	7.46	7.		2203	-131	0.001		1920	-61	5.19	0.002	
5824		19.01	19.01		1985	-110	6.93	46.		1976	-77	0.007		1984	-39	7.27	0.014	
5825		19.01	19.01		2194	-195	0.97	-101.		2150	-108	0.005		2124	-25	7.76	0.018	
5827		19.01	19.01		2325	-154	8.12	29.		2297	-109	0.006		2272	-65	8.27	0.012	
5828		19.01	19.01		0.	-63	1.13	-17.		0.	-24	0.000		21	26	0.00	0.011	
5829		19.01	19.01		0.	-122	2.19	-33.		0.	-58	0.000		142	32	0.00	0.013	
5831		19.01	19.01		0.	-84	1.50	-23.		0.	-70	0.000		0.	41	0.00	0.016	
5834		19.01	19.01		1418	142	0.00	580.		1715	153	0.074		1580	59	4.36	0.037	
5835		19.01	19.01		1077	-105	0.31	-52.		1326	115	0.056		1233	100	0.00	0.049	
5837		19.01	19.01		3178	-28	11.58	363.		2961	34	0.043		2821	9	9.99	0.034	
5838		19.01	19.01		2381	47	7.76	452.		2370	-9	0.024		2274	-43	8.34	0.016	
5841		19.01	19.01		1073	-287	2.97	-101.		910	-57	0.001		780	-40	2.73	0.002	
5842		19.01	19.01		1112	-74	3.89	13.		912	-6	0.009		731	-1	2.63	0.008	
5843		19.01	19.01		1840	-92	6.46	54.		1360	-54	0.005		1329	-53	4.75	0.005	
5845		19.01	19.01		0.	-343	6.15	-92.		0.	-22	0.000		0.	26	0.00	0.010	
5846		19.01	19.01		0.	-113	2.02	-30.		0.	11	0.005		0.	57	0.00	0.023	
5847		19.01	19.01		383	-206	2.92	-64.		278	2	0.004		131	49	0.00	0.020	
5849		19.01	19.01		1852	-336	2.26	-131.		1003	-4	0.010		125	328	0.00	0.132	
5850		19.01	19.01		49	-70	1.16	-20.		0.	110	0.044		0.	290	0.00	0.116	
5851		19.01	19.01		0.	-182	3.26	-49.		0.	259	0.103		0.	304	0.00	0.121	
8392		19.01	19.01		0.	166	0.00	438.		0.	234	0.093		0.	168	0.00	0.067	
8393		19.01	19.01		0.	293	0.00	772.		0.	256	0.102		0.	181	0.00	0.072	
8394		19.01	19.01		0.	237	0.00	624.		0.	218	0.087		0.	180	0.00	0.072	
8396		19.01	19.01		3465	38	11.89	574.		3520	138	0.086		3424	85	10.73	0.065	
8719		41.18	41.18		1821	-237	0.64	-91.		1888	-97	0.001		1857	-23	4.75	0.004	
8720		41.18	41.18		953	-241	2.22	-76.		1143	-61	0.001		1185	24	2.49	0.005	
8721		41.18	41.18		314	-413	6.08	-105.		444	-168	0.000		479	0.	1.16	0.001	
8722		41.18	41.18		0.	-270	4.33	-65.		0.	-97	0.000		0.	37	0.00	0.003	

ARMATURA SUPERIORE VERTICALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE								
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
1404		19.01	19.01		463	40	0.00	173.		434	39	0.019		407	39	0.00	0.019	
1405		19.01	19.01		556	27	1.26	150.		528	29	0.016		505	32	0.74	0.017	
1406		19.01	19.01		624	25	1.67	152.		602	31	0.017		581	35	0.95	0.019	
1407		19.01	19.01		612	-16	2.23	44.		660	1	0.008		670	7	2.31	0.009	
1408		19.01	19.01		817	-20	2.99	63.		962	-20	0.006		973	-16	3.56	0.007	
1409		19.01	19.01		600	2	2.13	87.		750	-14	0.005		778	-10	2.85	0.006	
1410		19.01	19.01		542	8	1.82	96.		662	-12	0.005		698	-8	2.55	0.006	
1411		19.01	19.01		1108	0.	3.97	151.		1223	-16	0.010		1259	-11	4.59	0.011	
1412		19.01	19.01		2455	-46	9.00	220.		2505	-41	0.019		2500	-40	9.16	0.019	
1413		19.01	19.01		2813	-63	10.30	230.		2811	-55	0.020		2798	-55	10.25	0.019	
1414		19.01	19.01		2908	-67	10.64	232.		2881	-61	0.019		2865	-60	10.50	0.019	
1415		19.01	19.01		2869	-67	10.50	228.		2789	-64	0.018		2773	-63	10.15	0.018	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1416		19.01		19.01		2887		-64		10.57		237.		2831		-63		0.018		2816		-63		10.31		0.018	
1417		19.01		19.01		2699		-58		9.89		226.		2674		-60		0.017		2662		-59		9.75		0.017	
1418		19.01		19.01		2397		-50		8.78		204.		2406		-53		0.016		2396		-52		8.77		0.016	
1419		19.01		19.01		1718		-32		6.30		156.		1760		-37		0.012		1769		-36		6.48		0.012	
1420		19.01		19.01		1016		-22		3.72		84.		1072		-14		0.009		1087		-14		3.98		0.009	
1421		19.01		19.01		769		-5		2.79		93.		824		-2		0.008		839		-2		3.02		0.009	
1422		19.01		19.01		1162		-3		4.18		151.		1190		-4		0.012		1182		-5		4.28		0.012	
1423		19.01		19.01		1596		-18		5.83		173.		1569		-18		0.013		1552		-17		5.67		0.013	
1424		19.01		19.01		1915		-24		7.00		202.		1884		-25		0.015		1868		-24		6.83		0.015	
1425		19.01		19.01		2092		-29		7.66		214.		2061		-31		0.016		2044		-30		7.49		0.016	
1426		19.01		19.01		2085		-29		7.63		211.		2065		-34		0.016		2047		-34		7.50		0.016	
1427		19.01		19.01		1802		-22		6.59		190.		1806		-30		0.014		1810		-31		6.64		0.013	
1428		19.01		19.01		1327		-12		4.84		151.		1361		-22		0.010		1395		-27		5.11		0.010	
1429		19.01		19.01		525		19		1.47		123.		600		37		0.020		672		43		0.94		0.023	
1430		19.01		19.01		0.		207		0.00		545.		0.		220		0.088		0.		225		0.00		0.090	
1431		19.01		19.01		0.		330		0.00		868.		0.		340		0.136		0.		348		0.00		0.139	
1432		19.01		19.01		0.		389		0.00		1024.		0.		369		0.148		0.		376		0.00		0.150	
1433		19.01		19.01		0.		444		0.00		1167.		0.		417		0.167		0.		390		0.00		0.156	
1434		19.01		19.01		0.		371		0.00		975.		0.		345		0.138		0.		320		0.00		0.128	
1435		19.01		19.01		0.		144		0.00		379.		0.		127		0.051		56		109		0.00		0.044	
1436		19.01		19.01		946		43		2.32		245.		925		30		0.020		971		16		3.23		0.016	
1437		19.01		19.01		1818		-30		6.66		172.		1751		-39		0.011		1772		-50		6.45		0.010	
1438		19.01		19.01		2414		-68		8.79		166.		2304		-72		0.011		2306		-59		8.42		0.014	
1439		19.01		19.01		2828		-85		10.27		183.		2683		-80		0.014		2672		-63		9.77		0.017	
1440		19.01		19.01		3046		-90		11.07		199.		2884		-87		0.015		2871		-66		10.51		0.018	
1441		19.01		19.01		3076		-88		11.19		208.		2906		-92		0.014		2896		-66		10.60		0.018	
1442		19.01		19.01		3095		-80		11.30		229.		2959		-83		0.016		2880		-66		10.54		0.018	
1443		19.01		19.01		2778		-59		10.18		234.		2676		-67		0.016		2601		-62		9.51		0.016	
1444		19.01		19.01		2144		-26		7.84		228.		2075		-43		0.014		2023		-49		7.40		0.012	
1445		19.01		19.01		1661		-3		5.97		220.		1615		-28		0.012		1579		-42		5.76		0.009	
1508		19.01		19.01		0.		-169		3.04		-46.		0.		-179		0.000		0.		-178		3.20		0.000	
1511		19.01		19.01		0.		-55		0.99		-15.		0.		-86		0.000		0.		-98		1.76		0.000	
1512		19.01		19.01		459		-18		1.64		22.		408		-28		0.000		331		-45		0.13		0.000	
1513		19.01		19.01		0.		-119		2.13		-32.		0.		-133		0.000		0.		-132		2.37		0.000	
1514		19.01		19.01		14		-76		1.33		-21.		0.		-109		0.000		0.		-108		1.93		0.000	
1515		19.01		19.01		0.		-65		1.17		-18.		0.		-94		0.000		0.		-93		1.66		0.000	
1516		19.01		19.01		0.		-52		0.94		-14.		0.		-73		0.000		0.		-78		1.40		0.000	
1517		19.01		19.01		305		-20		1.06		4.		249		-33		0.000		176		-43		0.42		0.000	
1518		19.01		19.01		41		-45		0.72		-13.		0.		-87		0.000		0.		-87		1.56		0.000	
1519		19.01		19.01		771		94		0.00		360.		0.		-47		0.000		0.		-46		0.83		0.000	
1520		19.01		19.01		1269		152		0.00		584.		0.		-70		0.000		0.		-69		1.25		0.000	
1521		19.01		19.01		0.		-41		0.73		-11.		0.		-78		0.000		0.		-77		1.39		0.000	
1522		19.01		19.01		0.		13		0.00		34.		0.		-46		0.000		0.		-45		0.81		0.000	
1523		19.01		19.01		519		47		0.00		198.		0.		-36		0.000		0.		-52		0.93		0.000	
1524		19.01		19.01		0.		-42		0.76		-11.		0.		-70		0.000		0.		-69		1.24		0.000	
1525		19.01		19.01		0.		-8		0.15		-2.		0.		-38		0.000		0.		-38		0.67		0.000	
1526		19.01		19.01		0.		5		0.00		14.		0.		-34		0.000		0.		-34		0.62		0.000	
1527		19.01		19.01		0.		-35		0.63		-9.		0.		-50		0.000		0.		-53		0.96		0.000	
1528		19.01		19.01		0.		-14		0.25		-4.		0.		-20		0.000		0.		-22		0.40		0.000	
1529		19.01		19.01		0.		-7		0.13		-2.		0.		-20		0.000		0.		-19		0.34		0.000	
1530		19.01		19.01		83		-13		0.07		-5.		16		-13		0.000		0.		-18		0.32		0.000	
1531		19.01		19.01		0.		-9		0.17		-3.		0.		-4		0.000		0.		-7		0.12		0.000	
1532		19.01		19.01		0.		11		0.00		28.		0.		-21		0.000		0.		-10		0.18		0.000	
1533		19.01		19.01		1226		115		0.00		483.		0.		-91		0.000		0.		-90		1.61		0.000	
1535		19.01		19.01		731		42		1.31		216.		202		-47		0.000		30		-63		1.07		0.000	
1537		19.01		19.01		108		28		0.00		89.		0.		-39		0.000		0.		-40		0.73		0.000	
1538		19.01		19.01		232		17		0.12		79.		0.		-44		0.000		0.		-45		0.81		0.000	
1539		19.01		19.01		0.		9		0.00		24.		0.		-24		0.000		0.		-25		0.44		0.000	
1540		19.01		19.01		76		4		0.18		20.		0.		-27		0.000		0.		-28		0.50		0.000	
1541		19.01		19.01		58		29		0.00		86.		31		-24		0.000		13		-13		0.21		0.000	
1542		19.01		19.01		261		32		0.00		121.		190		-27		0.000		144		-14		0.04		0.000	
1544		19.01		19.01		923		-102		0.05		-48.		0.		-50		0.000		0.		-50		0.89		0.000	
1546		19.01		19.01		0.		-99		1.78		-27.		0.		-50		0.000		0.		-44		0.79		0.000	
1547		19.01		19.01		121		-15		0.03		-7.		0.		-46		0.000		0.		-47		0.85		0.000	
1548		19.01		19.01		0.		-92		1.65		-25.		0.		-39		0.000		0.		-39		0.70		0.000	
1549		19.01		19.01		256		0.		0.92		34.		106		-30		0.000		63							

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1560		19.01	19.01		0.	-81	1.45	-22.		0.	-23	0.000		0.	-23	0.42	0.000
1561		19.01	19.01		0.	-71	1.27	-19.		0.	-28	0.000		0.	-28	0.50	0.000
1562		19.01	19.01		0.	-67	1.20	-18.		0.	-39	0.000		0.	-39	0.70	0.000
1563		19.01	19.01		0.	-73	1.30	-20.		0.	-57	0.000		0.	-57	1.02	0.000
1564		19.01	19.01		0.	-77	1.38	-21.		0.	-63	0.000		0.	-64	1.15	0.000
1565		19.01	19.01		0.	-94	1.69	-25.		0.	-36	0.000		0.	-36	0.65	0.000
1566		19.01	19.01		0.	-97	1.74	-26.		0.	-38	0.000		0.	-37	0.67	0.000
1567		19.01	19.01		0.	-94	1.69	-25.		0.	-44	0.000		0.	-44	0.78	0.000
1568		19.01	19.01		0.	-92	1.65	-25.		0.	-53	0.000		0.	-52	0.94	0.000
1569		19.01	19.01		0.	-92	1.66	-25.		0.	-63	0.000		0.	-63	1.13	0.000
1570		19.01	19.01		0.	-83	1.50	-22.		0.	-74	0.000		0.	-74	1.33	0.000
1571		19.01	19.01		0.	-91	1.63	-24.		0.	-42	0.000		0.	-41	0.74	0.000
1572		19.01	19.01		0.	-94	1.68	-25.		0.	-47	0.000		0.	-46	0.83	0.000
1573		19.01	19.01		0.	-92	1.65	-25.		0.	-53	0.000		0.	-53	0.95	0.000
1574		19.01	19.01		0.	-87	1.57	-24.		0.	-59	0.000		0.	-59	1.06	0.000
1575		19.01	19.01		0.	-80	1.44	-22.		0.	-64	0.000		0.	-64	1.15	0.000
1576		19.01	19.01		0.	-74	1.32	-20.		0.	-68	0.000		0.	-68	1.21	0.000
1577		19.01	19.01		343	-56	0.31	-23.		305	-76	0.000		300	-47	0.22	0.000
1578		19.01	19.01		154	-63	0.81	-20.		100	-79	0.000		74	-54	0.81	0.000
1579		19.01	19.01		147	-64	0.85	-20.		81	-77	0.000		40	-59	0.98	0.000
1580		19.01	19.01		368	-60	0.33	-24.		288	-72	0.000		233	-63	0.66	0.000
1581		19.01	19.01		707	-52	2.49	5.		645	-65	0.000		601	-63	0.09	0.000
1582		19.01	19.01		856	-43	3.00	25.		805	-58	0.001		769	-61	2.75	0.000
1583		19.01	19.01		580	-54	0.20	-27.		331	-59	0.000		218	-46	0.38	0.000
1584		19.01	19.01		557	-20	2.01	30.		311	-23	0.000		188	-26	0.08	0.000
1585		19.01	19.01		686	-44	2.39	10.		420	-19	0.001		245	3	0.83	0.004
1586		19.01	19.01		974	-38	3.49	46.		630	-4	0.006		372	32	0.00	0.016
1587		19.01	19.01		1459	-11	5.31	171.		981	23	0.018		595	62	0.00	0.029
1588		19.01	19.01		2123	28	7.20	365.		1414	58	0.035		878	92	0.00	0.043
1589		19.01	19.01		0.	-57	1.03	-15.		0.	-61	0.000		0.	-60	1.08	0.000
1590		19.01	19.01		0.	-37	0.66	-10.		0.	-29	0.000		0.	-28	0.51	0.000
1591		19.01	19.01		0.	-14	0.25	-4.		0.	7	0.003		0.	7	0.00	0.003
1592		19.01	19.01		0.	-24	0.43	-6.		0.	38	0.015		0.	48	0.00	0.019
1593		19.01	19.01		194	10	0.43	53.		0.	68	0.027		0.	92	0.00	0.037
1594		19.01	19.01		445	54	0.00	207.		0.	104	0.041		0.	136	0.00	0.054
1595		19.01	19.01		0.	-73	1.30	-20.		0.	-64	0.000		0.	-64	1.15	0.000
1596		19.01	19.01		0.	-55	0.98	-15.		0.	-38	0.000		0.	-38	0.68	0.000
1597		19.01	19.01		0.	-27	0.49	-7.		0.	-3	0.000		0.	-3	0.05	0.000
1598		19.01	19.01		0.	-16	0.28	-4.		0.	40	0.016		0.	40	0.00	0.016
1599		19.01	19.01		0.	31	0.00	81.		0.	93	0.037		0.	93	0.00	0.037
1600		19.01	19.01		0.	88	0.00	231.		0.	152	0.061		0.	153	0.00	0.061
1601		19.01	19.01		0.	-68	1.22	-18.		0.	-55	0.000		0.	-55	0.99	0.000
1602		19.01	19.01		0.	-68	1.23	-18.		0.	-55	0.000		0.	-55	0.99	0.000
1603		19.01	19.01		0.	-58	1.04	-16.		0.	-33	0.000		0.	-32	0.58	0.000
1604		19.01	19.01		0.	-21	0.38	-6.		0.	9	0.004		0.	9	0.00	0.004
1605		19.01	19.01		0.	34	0.00	90.		0.	66	0.026		0.	67	0.00	0.027
1606		19.01	19.01		0.	107	0.00	280.		0.	138	0.055		0.	139	0.00	0.055
1607		19.01	19.01		0.	-39	0.69	-10.		0.	-36	0.000		0.	-35	0.63	0.000
1608		19.01	19.01		0.	-43	0.77	-12.		0.	-42	0.000		0.	-42	0.75	0.000
1609		19.01	19.01		71	-48	0.71	-14.		15	-49	0.000		6	-49	0.86	0.000
1610		19.01	19.01		372	-48	0.10	-21.		339	-49	0.000		329	-48	0.19	0.000
1611		19.01	19.01		831	-39	2.93	28.		820	-1	0.009		809	0.	2.90	0.009
1612		19.01	19.01		1190	35	3.57	258.		1152	71	0.038		1145	71	1.72	0.038
1613		19.01	19.01		3600	142	9.63	878.		2813	79	0.057		2040	16	7.11	0.027
1616		19.01	19.01		1474	4	5.24	211.		1084	9	0.015		777	41	1.59	0.023
1617		19.01	19.01		853	-43	2.99	24.		368	-4	0.003		120	54	0.00	0.022
1618		19.01	19.01		592	-125	1.04	-47.		65	-23	0.000		0.	43	0.00	0.017
1619		19.01	19.01		880	190	0.00	630.		220	137	0.056		20	117	0.00	0.047
1620		19.01	19.01		489	123	0.00	395.		0.	126	0.050		0.	110	0.00	0.044
1621		19.01	19.01		0.	57	0.00	150.		0.	99	0.040		0.	93	0.00	0.037
1622		19.01	19.01		0.	-4	0.06	-1.		0.	80	0.032		0.	80	0.00	0.032
1623		19.01	19.01		0.	-39	0.70	-11.		0.	62	0.025		0.	63	0.00	0.025
1624		19.01	19.01		0.	-75	1.36	-20.		0.	40	0.016		0.	41	0.00	0.016
1625		19.01	19.01		0.	229	0.00	603.		0.	235	0.094		0.	217	0.00	0.087
1626		19.01	19.01		0.	164	0.00	433.		0.	176	0.070		0.	170	0.00	0.068
1627		19.01	19.01		0.	102	0.00	269.		0.	122	0.049		0.	122	0.00	0.049
1628		19.01	19.01		0.	44	0.00	116.		0.	81	0.033		0.	82	0.00	0.033
1629		19.01	19.01		0.	-5	0.09	-1.		0.	44	0.018		0.	45	0.00	0.018
1630		19.01	19.01		0.	-41	0.73	-11.		0.	10	0.004		0.	10	0.00	0.004
1631		19.01	19.01		562	319	0.00	921.		176	290	0.116		54	269	0.00	0.108
1632		19.01	19.01		126	217	0.00	589.		0.	201	0.080		0.	190	0.00	0.076
1633		19.01	19.01		0.	121	0.00	318.		0.	116	0.046		0.	113	0.00	0.045
1634		19.01	19.01		0.	47	0.00	123.		0.	52	0.021		0.	53	0.00	0.021
1635		19.01	19.01		0.	-6	0.11	-2.		0.	3	0.001		0.	4	0.00	0.002
1636		19.01	19.01		0.	-42	0.76	-11.		0.	-35	0.000		0.	-35	0.62	0.000
1637		19.01	19.01		1806	303	0.00	1061.		1658	276	0.121		1522	248	0.00	0.109

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1638		19.01		19.01		1642		183		0.00		721.		1479		163		0.076		1333		142		0.00		0.066	
1639		19.01		19.01		1440		80		2.78		416.		1269		65		0.037		1117		50		2.76		0.029	
1640		19.01		19.01		1138		12		3.92		186.		975		0.		0.010		845		-14		3.10		0.006	
1641		19.01		19.01		776		-31		2.77		35.		625		-43		0.001		509		-56		0.03		0.000	
1642		19.01		19.01		502		-54		0.05		-26.		354		-68		0.000		241		-78		0.92		0.000	
1643		19.01		19.01		568		-56		0.15		-28.		311		-53		0.000		159		-62		0.79		0.000	
1646		19.01		19.01		817		-94		0.02		-43.		556		-90		0.000		357		-81		0.73		0.000	
1647		19.01		19.01		0.		-64		1.16		-17.		0.		-68		0.000		0.		-77		1.37		0.000	
1648		19.01		19.01		165		-70		0.91		-22.		0.		-91		0.000		0.		-102		1.83		0.000	
1649		19.01		19.01		375		-80		0.68		-30.		142		-104		0.000		60		-112		1.89		0.000	
1650		19.01		19.01		329		-75		0.68		-28.		134		-79		0.000		104		-82		1.26		0.000	
1651		19.01		19.01		0.		-72		1.30		-19.		0.		-78		0.000		0.		-84		1.51		0.000	
1652		19.01		19.01		0.		-74		1.34		-20.		0.		-88		0.000		0.		-95		1.70		0.000	
1653		19.01		19.01		0.		-81		1.45		-22.		0.		-88		0.000		0.		-89		1.60		0.000	
1654		19.01		19.01		0.		-83		1.48		-22.		0.		-73		0.000		0.		-75		1.35		0.000	
1655		19.01		19.01		0.		-64		1.15		-17.		0.		-72		0.000		0.		-70		1.26		0.000	
1656		19.01		19.01		108		-67		0.99		-21.		11		-68		0.000		0.		-67		1.21		0.000	
1657		19.01		19.01		0.		-70		1.25		-19.		0.		-61		0.000		0.		-61		1.09		0.000	
1658		19.01		19.01		0.		-64		1.15		-17.		0.		-55		0.000		0.		-56		1.01		0.000	
1659		19.01		19.01		899		-35		3.22		43.		860		-51		0.001		833		-52		2.90		0.001	
1660		19.01		19.01		659		-42		2.30		9.		623		-48		0.000		597		-38		2.08		0.001	
1661		19.01		19.01		246		-37		0.16		-15.		201		-32		0.000		182		-28		0.13		0.000	
1662		19.01		19.01		115		-29		0.29		-10.		27		-27		0.000		5		-28		0.49		0.000	
1663		19.01		19.01		2842		85		8.52		617.		2016		104		0.058		1313		124		0.00		0.059	
1664		19.01		19.01		3402		167		7.70		922.		2482		168		0.087		1843		168		0.00		0.081	
1665		19.01		19.01		3941		277		3.41		1301.		2954		253		0.124		2147		227		0.00		0.106	
1666		19.01		19.01		4299		306		3.32		1431.		3369		267		0.133		2445		234		0.00		0.112	
1667		19.01		19.01		802		124		0.00		443.		263		155		0.063		0.		186		0.00		0.074	
1668		19.01		19.01		1226		231		0.00		788.		614		233		0.096		134		234		0.00		0.094	
1669		19.01		19.01		1454		352		0.00		1140.		844		325		0.134		226		306		0.00		0.123	
1670		19.01		19.01		1455		405		0.00		1279.		761		361		0.148		246		326		0.00		0.131	
1671		19.01		19.01		0.		169		0.00		444.		0.		231		0.092		0.		231		0.00		0.092	
1672		19.01		19.01		273		283		0.00		784.		0.		321		0.128		0.		327		0.00		0.131	
1673		19.01		19.01		863		400		0.00		1178.		524		392		0.159		283		406		0.00		0.163	
1674		19.01		19.01		1041		458		0.00		1357.		661		424		0.172		403		405		0.00		0.163	
1675		19.01		19.01		444		215		0.00		630.		289		241		0.097		264		241		0.00		0.097	
1676		19.01		19.01		865		369		0.00		1097.		729		383		0.156		689		379		0.00		0.155	
1677		19.01		19.01		1319		453		0.00		1383.		1198		484		0.199		1135		478		0.00		0.196	
1678		19.01		19.01		1500		484		0.00		1492.		1393		469		0.194		1296		483		0.00		0.199	
1679		19.01		19.01		1505		160		0.00		642.		1478		189		0.086		1472		189		0.00		0.086	
1680		19.01		19.01		1820		355		0.00		1200.		1804		372		0.159		1803		369		0.00		0.158	
1681		19.01		19.01		2183		477		0.00		1575.		2164		486		0.206		2155		485		0.00		0.206	
1682		19.01		19.01		2190		480		0.00		1583.		2164		484		0.206		2144		485		0.00		0.206	
1683		19.01		19.01		4519		296		5.71		1434.		3548		246		0.127		2581		206		0.00		0.102	
1684		19.01		19.01		4109		235		7.50		1208.		3222		174		0.096		2337		136		4.15		0.073	
1685		19.01		19.01		1362		407		0.00		1270.		839		346		0.142		352		296		0.00		0.120	
1686		19.01		19.01		1215		309		0.00		991.		596		234		0.096		275		194		0.00		0.079	
1687		19.01		19.01		859		455		0.00		1323.		618		406		0.165		437		367		0.00		0.148	
1688		19.01		19.01		378		349		0.00		973.		101		315		0.126		0.		294		0.00		0.118	
1689		19.01		19.01		1595		508		0.00		1571.		1344		469		0.194		1111		429		0.00		0.177	
1690		19.01		19.01		1063		485		0.00		1430.		730		439		0.178		560		402		0.00		0.163	
1691		19.01		19.01		2323		552		0.00		1792.		2211		513		0.217		2103		473		0.00		0.201	
1692		19.01		19.01		2068		510		0.00		1644.		1944		473		0.200		1827		435		0.00		0.184	
1693		19.01		19.01		591		-195		2.30		-66.		0.		-66		0.000		0.		11		0.00		0.004	
1694		19.01		19.01		738		-239		2.79		-81.		0.		-105		0.000		0.		-31		0.56		0.000	
1695		19.01		19.01		956		-236		2.29		-85.		0.		-152		0.000		0.		-82		1.48		0.000	
1696		19.01		19.01		0.		-100		1.80		-27.		0.		6		0.002		0.		6		0.00		0.002	
1697		19.01		19.01		0.		-107		1.92		-29.		0.		-38		0.000		0.		-37		0.67		0.000	
1698		19.01		19.01		0.		-79		1.42		-21.		0.		-89		0.000		0.		-88		1.58		0.000	
1699		19.01		19.01		0.		-65		1.16		-17.		0.		-27		0.000		0.		-27		0.48		0.000	
1700		19.01		19.01		0.		-73		1.32		-20.		0.		-65		0.000		0.		-64		1.15		0.000	
1701		19.01		19.01		0.		-65		1.17		-18.		0.		-101		0.000		0.		-101		1.81		0.000	
1702		19.01																									

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

1716		19.01	19.01		115	-2	0.42	11.		0.	-90	0.000		0.	-134	2.40	0.000
1717		19.01	19.01		1089	8	3.80	170.		935	-42	0.003		787	-74	0.28	0.000
2583		21.00	21.00		0.	-305	5.41	-81.		0.	-291	0.000		0.	-290	5.16	0.000
2584		21.00	21.00		0.	-205	3.64	-55.		0.	-203	0.000		0.	-202	3.60	0.000
2585		19.01	19.01		0.	-246	4.41	-66.		0.	-235	0.000		0.	-234	4.20	0.000
2586		19.01	19.01		0.	-169	3.04	-46.		0.	-165	0.000		0.	-164	2.95	0.000
2587		21.00	21.00		65	-152	2.58	-42.		0.	-127	0.000		0.	-121	2.15	0.000
2588		21.00	21.00		1046	81	0.04	330.		421	17	0.009		16	-39	0.67	0.000
2589		19.01	19.01		114	-86	1.30	-26.		0.	-87	0.000		0.	-97	1.75	0.000
2590		19.01	19.01		1019	110	0.00	439.		0.	-15	0.000		0.	-41	0.74	0.000
2591		21.00	21.00		2087	213	0.00	782.		156	-43	0.000		0.	-113	2.01	0.000
2592		21.00	21.00		2142	239	0.00	852.		81	-40	0.000		0.	-130	2.31	0.000
2593		19.01	19.01		1723	210	0.00	805.		0.	-94	0.000		0.	-115	2.06	0.000
2594		19.01	19.01		1643	194	0.00	751.		0.	-122	0.000		0.	-128	2.29	0.000
2597		19.01	19.01		1494	35	4.73	299.		0.	-108	0.000		0.	-107	1.92	0.000
2598		19.01	19.01		1369	-49	4.93	72.		0.	-83	0.000		0.	-52	0.93	0.000
2599		19.01	19.01		1627	201	0.00	766.		97	-55	0.000		0.	-72	1.29	0.000
2600		21.00	21.00		1844	178	0.00	668.		396	-24	0.001		0.	-83	1.47	0.000
2601		19.01	19.01		719	-64	0.31	-33.		0.	-48	0.000		0.	-24	0.43	0.000
2602		26.98	26.98		940	-132	0.47	-54.		0.	-45	0.000		0.	-22	0.37	0.000
2603		19.01	19.01		657	-90	0.28	-39.		0.	-13	0.000		0.	-12	0.21	0.000
2604		21.00	21.00		410	-73	0.48	-28.		0.	-3	0.000		0.	-2	0.04	0.000
2605		21.00	21.00		195	-49	0.48	-17.		0.	7	0.002		0.	9	0.00	0.003
2606		21.00	21.00		95	-24	0.24	-8.		0.	7	0.002		0.	7	0.00	0.002
2607		21.00	21.00		135	-9	0.46	2.		59	-6	0.000		27	-9	0.10	0.000
2608		21.00	21.00		423	-15	1.47	21.		264	-15	0.000		128	-26	0.20	0.000
2609		21.00	21.00		879	-47	3.00	21.		602	-69	0.000		351	-96	1.01	0.000
2612		21.00	21.00		970	-68	3.34	9.		612	-78	0.000		322	-94	1.02	0.000
2613		21.00	21.00		443	-19	1.53	17.		331	-18	0.001		218	-26	0.01	0.000
2614		21.00	21.00		223	-10	0.77	8.		154	-9	0.000		134	-7	0.46	0.000
2615		21.00	21.00		326	-13	1.13	14.		155	-4	0.001		123	1	0.41	0.001
2616		21.00	21.00		1217	-33	4.27	79.		650	-3	0.005		411	22	0.78	0.010
2617		21.00	21.00		2480	-2	8.47	304.		1528	27	0.021		920	49	1.79	0.022
2618		21.00	21.00		3549	43	11.50	543.		2614	62	0.040		1698	75	3.96	0.037
2619		21.00	21.00		4818	89	15.02	812.		3702	94	0.059		2590	98	6.65	0.051
2622		24.99	24.99		8559	163	24.14	1229.		6868	132	0.068		5289	101	14.91	0.052
2623		24.99	24.99		8684	129	25.23	1172.		7243	94	0.063		5816	65	17.28	0.049
2624		24.99	24.99		7288	128	20.78	1024.		6019	78	0.052		4760	42	14.33	0.038
2625		26.98	26.98		5550	112	14.86	751.		4537	49	0.033		3531	-4	10.68	0.019
2645		19.01	19.01		627	-115	0.79	-45.		325	-140	0.000		55	-155	2.68	0.000
2646		19.01	19.01		790	-114	0.44	-48.		478	-117	0.000		264	-119	1.60	0.000
2647		19.01	19.01		536	-115	0.97	-43.		179	-136	0.000		46	-143	2.48	0.000
2649		19.01	19.01		506	-96	0.68	-37.		173	-120	0.000		0.	-147	2.64	0.000
2651		19.01	19.01		380	-97	0.96	-34.		0.	-118	0.000		0.	-130	2.33	0.000
2652		19.01	19.01		638	-79	0.13	-35.		322	-87	0.000		86	-102	1.66	0.000
3824		19.01	19.01		0.	-82	1.48	-22.		0.	-118	0.000		0.	-117	2.09	0.000
3825		19.01	19.01		0.	-79	1.42	-21.		0.	-110	0.000		0.	-109	1.95	0.000
3826		19.01	19.01		0.	-85	1.52	-23.		0.	-123	0.000		0.	-122	2.19	0.000
3828		19.01	19.01		247	-102	1.33	-33.		20	-143	0.000		23	-142	2.51	0.000
3829		19.01	19.01		149	-94	1.38	-28.		0.	-128	0.000		0.	-127	2.29	0.000
3830		19.01	19.01		31	-105	1.83	-29.		0.	-151	0.000		0.	-149	2.68	0.000
3832		19.01	19.01		626	35	1.21	181.		171	-52	0.000		0.	-77	1.37	0.000
3834		19.01	19.01		416	29	0.36	137.		12	-58	0.000		0.	-69	1.23	0.000
3835		19.01	19.01		815	30	2.25	193.		310	-56	0.000		67	-69	1.11	0.000
3836		19.01	19.01		337	-4	1.23	35.		0.	-52	0.000		0.	-75	1.34	0.000
3837		19.01	19.01		416	-36	1.53	0.		0.	-61	0.000		0.	-64	1.15	0.000
3838		19.01	19.01		199	-9	0.71	8.		0.	-58	0.000		0.	-68	1.22	0.000
3840		19.01	19.01		948	13	3.20	165.		0.	-86	0.000		0.	-96	1.72	0.000
3841		19.01	19.01		1098	-37	3.97	64.		0.	-85	0.000		0.	-83	1.50	0.000
3842		19.01	19.01		746	21	2.27	158.		0.	-93	0.000		0.	-92	1.66	0.000
3844		19.01	19.01		1238	73	2.12	370.		0.	-91	0.000		0.	-104	1.86	0.000
3846		19.01	19.01		1013	90	0.00	384.		0.	-98	0.000		0.	-97	1.74	0.000
3847		19.01	19.01		1162	75	1.59	364.		0.	-102	0.000		0.	-101	1.81	0.000
5587		26.98	26.98		12331	-449	39.36	481.		14080	-506	0.031		14032	-504	44.79	0.031
5588		26.98	26.98		9230	-440	29.49	235.		10008	-496	0.013		9973	-494	31.88	0.013
5589		26.98	26.98		6128	-430	20.12	45.		6182	-485	0.001		6159	-483	20.69	0.001
5590		26.98	26.98		3764	-338	1.40	-165.		3067	-419	0.000		2396	-472	3.53	0.000
5591		26.98	26.98		1603	-328	2.57	-118.		0.	-463	0.000		0.	-461	7.94	0.000
5594		26.98	26.98		12331	-449	39.36	480.		14079	-506	0.031		14031	-505	44.78	0.031
5595		26.98	26.98		9230	-440	29.49	235.		10008	-496	0.013		9972	-494	31.88	0.013
5596		26.98	26.98		6128	-430	20.12	45.		6182	-485	0.001		6159	-483	20.69	0.001
5597		26.98	26.98		3764	-338	1.40	-165.		3067	-419	0.000		2397	-472	3.53	0.000
5598		26.98	26.98		1604	-328	2.57	-118.		0.	-463	0.000		0.	-461	7.94	0.000
5615		26.98	26.98		1206	-151	0.29	-64.		5009	-284	0.005		6725	-379	21.59	0.007
5616		26.98	26.98		323	-225	3.26	-65.		2651	-319	0.000		3127	-363	0.25	0.000
5617		26.98	26.98		616	-102	0.58	-39.		1198	-257	0.000		1330	-317	2.90	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5618		26.98	26.98		1471	141	0.00	413.		723	-58	0.000		566	-263	3.45	0.000	
5619		26.98	26.98		2365	304	0.00	807.		662	3	0.004		0.	-214	3.69	0.000	
5622		26.98	26.98		1518	-26	4.78	103.		3959	-188	0.006		5633	-322	18.10	0.005	
5623		26.98	26.98		236	-106	1.38	-32.		2303	-223	0.000		2763	-304	0.06	0.000	
5624		26.98	26.98		783	-21	2.49	42.		1199	-177	0.000		1125	-262	2.35	0.000	
5625		26.98	26.98		1514	170	0.00	470.		787	-21	0.002		461	-218	2.86	0.000	
5626		26.98	26.98		2304	290	0.00	774.		463	4	0.003		0.	-179	3.08	0.000	
5627		26.98	26.98		5822	444	0.67	1421.		2555	223	0.054		1562	0.	4.71	0.009	
5628		26.98	26.98		5404	464	0.00	1416.		2789	205	0.051		2045	-57	6.51	0.006	
5629		26.98	26.98		4854	389	0.00	1221.		3207	146	0.042		2620	-99	8.36	0.005	
5630		26.98	26.98		925	149	0.00	371.		0.	33	0.006		1877	-41	5.95	0.006	
5631		26.98	26.98		1220	195	0.00	487.		906	59	0.015		2072	-18	6.42	0.010	
5632		26.98	26.98		2223	321	0.00	824.		2643	109	0.033		2578	13	7.59	0.016	
5633		26.98	26.98		534	-125	1.13	-43.		2733	-80	0.008		4303	-237	13.80	0.004	
5634		26.98	26.98		0.	169	0.00	313.		68	29	0.006		1889	-72	6.03	0.004	
5635		26.98	26.98		0.	499	0.00	925.		0.	240	0.047		998	36	2.26	0.012	
5636		26.98	26.98		279	60	0.00	139.		1674	-85	0.002		2255	-210	0.70	0.000	
5637		26.98	26.98		0.	399	0.00	740.		630	176	0.036		1423	-51	4.54	0.003	
5638		26.98	26.98		0.	591	0.00	1094.		176	315	0.062		1008	36	2.29	0.012	
5639		26.98	26.98		813	114	0.00	295.		1008	-58	0.001		980	-184	1.30	0.000	
5640		26.98	26.98		707	349	0.00	720.		719	148	0.031		736	-57	2.46	0.000	
5641		26.98	26.98		465	479	0.00	935.		539	245	0.049		616	8	1.74	0.005	
5642		26.98	26.98		1479	216	0.00	553.		772	31	0.009		290	-158	2.17	0.000	
5643		26.98	26.98		1431	265	0.00	639.		743	100	0.022		59	-69	1.07	0.000	
5644		26.98	26.98		1325	300	0.00	693.		697	138	0.029		72	-27	0.33	0.000	
5645		26.98	26.98		2176	268	0.00	720.		402	27	0.007		0.	-133	2.29	0.000	
5647		26.98	26.98		1896	160	0.00	491.		321	41	0.009		0.	-58	1.00	0.000	
5662		26.98	26.98		8284	-795	2.20	-377.		7148	-829	0.000		6055	-871	3.38	0.000	
5663		26.98	26.98		8283	-795	2.20	-377.		7148	-829	0.000		6053	-871	3.38	0.000	
5664		26.98	26.98		5356	-786	3.26	-314.		2736	-820	0.000		71	-861	14.69	0.000	
5665		26.98	26.98		5356	-786	3.26	-314.		2734	-820	0.000		69	-861	14.69	0.000	
5666		26.98	26.98		0.	-457	7.86	-118.		0.	-523	0.000		0.	-598	10.29	0.000	
5667		26.98	26.98		0.	-457	7.86	-118.		0.	-523	0.000		0.	-598	10.29	0.000	
5668		26.98	26.98		0.	-449	7.74	-116.		0.	-516	0.000		0.	-590	10.16	0.000	
5669		26.98	26.98		0.	-449	7.74	-116.		0.	-516	0.000		0.	-590	10.16	0.000	
5670		26.98	26.98		0.	-514	8.85	-133.		0.	-586	0.000		0.	-582	10.03	0.000	
5671		26.98	26.98		0.	-514	8.85	-133.		0.	-586	0.000		0.	-582	10.03	0.000	
5672		26.98	26.98		0.	-506	8.72	-131.		0.	-578	0.000		0.	-575	9.89	0.000	
5673		26.98	26.98		0.	-506	8.72	-131.		0.	-578	0.000		0.	-575	9.89	0.000	
5674		26.98	26.98		2218	-426	3.08	-156.		1433	-492	0.000		676	-567	8.46	0.000	
5675		26.98	26.98		2218	-426	3.08	-156.		1433	-492	0.000		676	-567	8.46	0.000	
5697		26.98	26.98		6175	24	18.29	647.		4334	13	0.026		3012	-2	9.09	0.016	
5698		26.98	26.98		6861	268	14.89	1179.		5022	306	0.081		3500	340	0.00	0.080	
5699		26.98	26.98		7505	486	7.70	1666.		5582	580	0.150		3764	671	0.00	0.160	
5700		26.98	26.98		2183	-13	6.71	189.		0.	62	0.012		0.	110	0.00	0.022	
5701		26.98	26.98		529	96	0.00	232.		0.	199	0.039		0.	301	0.00	0.059	
5702		26.98	26.98		0.	313	0.00	579.		0.	434	0.085		0.	513	0.00	0.101	
5703		26.98	26.98		0.	471	0.00	872.		0.	322	0.063		0.	146	0.00	0.029	
5704		26.98	26.98		0.	259	0.00	480.		0.	173	0.034		0.	94	0.00	0.019	
5705		26.98	26.98		0.	131	0.00	242.		0.	91	0.018		0.	56	0.00	0.011	
5706		26.98	26.98		0.	270	0.00	500.		0.	193	0.038		0.	133	0.00	0.026	
5707		26.98	26.98		0.	144	0.00	267.		0.	107	0.021		0.	90	0.00	0.018	
5708		26.98	26.98		0.	-14	0.24	-4.		0.	7	0.001		0.	25	0.00	0.005	
5709		26.98	26.98		712	256	0.00	547.		846	162	0.034		981	130	0.00	0.029	
5710		26.98	26.98		734	153	0.00	360.		848	103	0.023		938	75	0.00	0.018	
5711		26.98	26.98		527	-5	1.63	43.		836	10	0.006		853	-1	2.58	0.005	
5712		26.98	26.98		4238	321	0.66	1032.		3639	208	0.056		3045	125	6.42	0.038	
5713		26.98	26.98		4156	205	7.48	796.		3542	116	0.039		2933	59	7.86	0.026	
5714		26.98	26.98		3660	57	10.15	463.		3134	22	0.021		2616	-12	8.01	0.013	
5724		26.98	26.98		0.	29	0.00	54.		0.	1	0.000		0.	27	0.00	0.005	
5725		26.98	26.98		0.	-68	1.18	-18.		785	-77	0.000		2656	-126	8.48	0.004	
5726		26.98	26.98		2044	-38	6.45	135.		3769	-138	0.008		4758	-176	15.19	0.010	
5727		26.98	26.98		0.	-77	1.33	-20.		0.	-55	0.000		0.	-10	0.17	0.000	
5728		26.98	26.98		0.	-77	1.32	-20.		266	-95	0.000		1058	-106	0.21	0.000	
5729		26.98	26.98		751	-44	2.42	11.		1871	-147	0.000		2230	-154	7.31	0.001	
5730		26.98	26.98		236	-28	0.03	-12.		1095	-35	0.003		1383	-38	4.40	0.004	
5731		26.98	26.98		2137	-26	6.68	163.		2681	-99	0.006		2674	-98	8.54	0.006	
5732		26.98	26.98		3051	-16	9.36	269.		3378	-134	0.007		3370	-133	10.76	0.007	
5733		26.98	26.98		3632	-17	11.12	324.		3459	-35	0.016		3301	-55	10.40	0.013	
5734		26.98	26.98		4975	26	14.65	533.		4617	-27	0.023		4275	-93	13.55	0.015	
5735		26.98	26.98		5631	70	15.93	680.		5209	-8	0.028		4805	-107	15.24	0.016	
5736		26.98	26.98		7451	-24	22.71	684.		6458	-13	0.034		5481	-57	17.05	0.024	
5737		26.98	26.98		8190	22	24.40	840.		7054	-11	0.038		5934	-78	18.57	0.025	
5745		26.98	26.98		7715	-224	24.58	381.		10141	-220	0.035		10106	-219	32.03	0.035	
5746		26.98	26.98		7379	-246	23.54	318.		9462	-188	0.034		9429	-187	29.82	0.034	
5747		26.98	26.98		6784	-32	20.77	606.		8534	-134	0.034		8503	-133	26.73	0.034	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5748		26.98	26.98		6078	-325	19.47	120.		7421	-193	0.023		7394	-192	23.52	0.022	
5749		26.98	26.98		5999	-226	19.15	224.		7228	-175	0.023		7202	-174	22.88	0.023	
5750		26.98	26.98		5865	-171	18.69	288.		6982	-134	0.025		6956	-133	21.98	0.025	
5751		26.98	26.98		4569	-309	14.92	41.		5065	-165	0.013		5046	-164	16.10	0.013	
5752		26.98	26.98		4558	-217	14.56	117.		5043	-167	0.012		5024	-166	16.03	0.012	
5753		26.98	26.98		4520	-155	14.42	189.		4986	-150	0.013		4967	-149	15.83	0.013	
5754		26.98	26.98		3336	-265	11.25	9.		3049	-239	0.001		2940	-128	9.39	0.005	
5755		26.98	26.98		3171	-178	10.18	55.		3007	-233	0.001		2953	-158	9.46	0.003	
5756		26.98	26.98		3151	-70	9.99	189.		2990	-230	0.001		2951	-173	9.50	0.003	
5758		26.98	26.98		2452	-98	7.83	84.		1621	-207	0.000		905	-154	0.92	0.000	
5759		26.98	26.98		2341	77	5.54	373.		1549	-99	0.001		865	-203	1.83	0.000	
5760		26.98	26.98		7215	33	21.31	765.		9264	-42	0.047		9229	-42	28.24	0.047	
5763		26.98	26.98		7558	308	15.98	1323.		5706	136	0.053		4109	4	12.33	0.023	
5764		26.98	26.98		8277	135	22.84	1058.		6823	-4	0.037		5481	-165	17.47	0.015	
5765		26.98	26.98		8606	-77	26.68	704.		7761	-158	0.027		7154	-267	22.84	0.015	
5767		26.98	26.98		6245	292	11.86	1166.		3862	82	0.034		2587	-131	8.27	0.003	
5768		26.98	26.98		6398	201	15.38	1003.		4316	4	0.024		3617	-195	11.59	0.004	
5772		26.98	26.98		7579	-279	24.19	292.		7093	-292	0.013		6817	-236	21.75	0.016	
5773		26.98	26.98		8856	209	23.05	1256.		7636	206	0.076		6667	206	16.13	0.071	
5774		26.98	26.98		9484	534	14.11	1948.		7521	573	0.167		6084	566	0.00	0.151	
5775		26.98	26.98		7863	-126	24.73	549.		5680	-176	0.015		5427	-119	17.21	0.018	
5776		26.98	26.98		9017	362	19.28	1567.		6241	293	0.084		5204	302	7.28	0.081	
5777		26.98	26.98		9911	705	5.79	2324.		6889	704	0.199		5023	702	0.00	0.181	
5778		26.98	26.98		18383	-872	58.73	473.		21330	-895	0.038		21246	-892	67.83	0.038	
5779		26.98	26.98		18383	-873	58.73	473.		21330	-895	0.038		21246	-892	67.83	0.038	
5780		26.98	26.98		15114	-865	48.56	248.		16640	-888	0.019		16579	-885	53.10	0.019	
5781		26.98	26.98		15113	-865	48.56	248.		16639	-888	0.019		16578	-885	53.10	0.019	
5782		26.98	26.98		11613	-858	38.50	62.		11673	-882	0.003		11635	-878	38.74	0.003	
5783		26.98	26.98		11612	-858	38.50	62.		11671	-882	0.003		11634	-878	38.74	0.003	
5785		26.98	26.98		1880	-42	5.96	112.		0.	-90	0.000		0.	-87	1.50	0.000	
5786		19.01	19.01		1965	102	4.19	547.		0.	-64	0.000		0.	-104	1.86	0.000	
5787		26.98	26.98		1876	161	0.00	491.		0.	-94	0.000		0.	-117	2.01	0.000	
5789		26.98	26.98		1380	-117	4.74	0.		0.	-49	0.000		0.	-34	0.58	0.000	
5790		19.01	19.01		1611	-73	5.70	59.		0.	-28	0.000		0.	-50	0.89	0.000	
5791		26.98	26.98		1800	-66	5.74	69.		0.	-74	0.000		0.	-71	1.22	0.000	
5792		26.98	26.98		1942	164	0.00	504.		238	0.	0.001		0.	-82	1.42	0.000	
5793		26.98	26.98		2017	192	0.00	563.		297	34	0.008		0.	-72	1.23	0.000	
5795		26.98	26.98		2065	197	0.00	578.		171	6	0.002		0.	-94	1.62	0.000	
5797		19.01	19.01		947	-145	0.67	-60.		581	-166	0.000		235	-190	2.93	0.000	
5798		19.01	19.01		1045	-157	0.69	-65.		672	-174	0.000		328	-196	2.84	0.000	
5799		19.01	19.01		1042	-105	0.24	-51.		691	-129	0.000		364	-157	2.08	0.000	
5801		26.98	26.98		1036	-105	0.18	-49.		703	-125	0.000		372	-147	1.82	0.000	
5802		19.01	19.01		1063	-147	0.47	-63.		723	-165	0.000		392	-188	2.57	0.000	
5803		19.01	19.01		939	-135	0.51	-57.		586	-158	0.000		269	-182	2.73	0.000	
5804		26.98	26.98		6835	309	13.37	1256.		5573	202	0.064		4317	120	10.80	0.043	
5805		26.98	26.98		6987	206	17.16	1070.		5696	135	0.053		4410	101	11.56	0.041	
5807		26.98	26.98		6702	293	13.47	1212.		5465	206	0.065		4234	141	9.95	0.047	
5808		26.98	26.98		7160	182	18.32	1041.		5835	101	0.048		4517	47	12.94	0.032	
5809		26.98	26.98		7304	78	20.89	857.		5951	28	0.037		4606	-1	13.88	0.025	
5811		26.98	26.98		7167	144	19.22	968.		5844	85	0.046		4528	76	12.46	0.037	
5812		26.98	26.98		6544	98	18.22	820.		5325	45	0.036		4175	-9	12.68	0.022	
5813		26.98	26.98		7039	2	21.18	691.		5844	-26	0.030		4983	-38	15.39	0.024	
5815		26.98	26.98		7349	56	21.38	820.		5985	10	0.034		4630	-19	14.15	0.024	
5817		26.98	26.98		7294	136	19.77	966.		5791	126	0.052		4292	125	10.57	0.044	
5818		19.01	19.01		6104	120	19.91	1155.		4760	117	0.090		3419	119	9.71	0.077	
5819		26.98	26.98		5940	127	15.76	817.		4650	121	0.045		3365	115	7.82	0.038	
5821		26.98	26.98		8325	180	22.05	1149.		6683	147	0.060		5048	111	13.32	0.046	
5822		19.01	19.01		7710	173	24.65	1517.		6110	144	0.114		4516	112	14.17	0.086	
5823		26.98	26.98		7952	153	21.46	1061.		6347	135	0.057		4748	116	12.26	0.045	
5824		26.98	26.98		7627	128	20.97	982.		6555	13	0.038		5497	-76	17.22	0.023	
5825		26.98	26.98		7565	151	20.30	1020.		6495	23	0.039		5438	-104	17.19	0.020	
5827		26.98	26.98		7984	101	22.56	967.		6845	9	0.039		5720	-59	17.79	0.026	
5828		26.98	26.98		2588	-328	0.69	-138.		1977	-288	0.000		1322	-94	4.36	0.000	
5829		26.98	26.98		2499	-237	0.71	-113.		1814	-254	0.000		1115	-103	0.37	0.000	
5831		26.98	26.98		2479	-348	1.24	-141.		1931	-295	0.000		1302	-73	4.18	0.001	
5834		26.98	26.98		10991	-108	34.14	882.		12221	-175	0.050		12079	-180	37.93	0.049	
5835		26.98	26.98		10661	-110	33.15	848.		13026	-184	0.054		12976	-183	40.68	0.053	
5837		26.98	26.98		16960	-127	52.36	1431.		18200	-372	0.064		18133	-371	57.40	0.064	
5838		26.98	26.98		13728	-55	41.93	1244.		15158	-267	0.057		15102	-266	47.62	0.057	
5841		26.98	26.98		7322	-120	23.05	506.		8542	-69	0.040		8614	-71	26.65	0.040	
5842		26.98	26.98		7674	-148	24.26	495.		8922	-225	0.028		8911	-226	28.34	0.028	
5843		26.98	26.98		10772	-234	34.14	652.		11919	-357	0.032		11860	-355	37.81	0.032	
5845		26.98	26.98		4733	181	10.40	806.		6005	186	0.064		6262	232	14.02	0.073	
5846		26.98	26.98		4731	69	13.20	590.		5857	56	0.041		6046	77	17.08	0.045	
5847		26.98	26.98		6067	46	17.66	677.		7294	57	0.049		7479	98	21.08	0.057	
5849		26.98	26.98		691	552	0.00	1093.		1430	551	0.112		1836	589	0.00	0.121	

5850		26.98	26.98		1632	277	0.00	681.		2900	278	0.065		3164	279	0.00	0.067	
5851		26.98	26.98		3072	310	0.00	890.		4446	309	0.079		4738	348	1.88	0.087	
8392		26.98	26.98		5830	566	0.00	1648.		3371	313	0.074		1720	59	4.00	0.019	
8393		26.98	26.98		6166	303	11.14	1180.		3477	135	0.042		1824	-35	5.76	0.007	
8394		26.98	26.98		5726	536	0.00	1583.		3017	286	0.068		1342	34	3.44	0.013	
8396		26.98	26.98		12542	-185	39.37	902.		14840	-258	0.056		14784	-257	46.61	0.056	
8719		19.01	19.01		3568	111	10.54	789.		2807	57	0.049		2049	4	7.29	0.023	
8720		19.01	19.01		2752	98	7.75	641.		2070	51	0.039		1468	11	5.11	0.020	
8721		19.01	19.01		2810	68	8.85	568.		2158	34	0.034		1554	9	5.46	0.020	
8722		19.01	19.01		2074	46	6.64	407.		1459	33	0.027		1013	34	2.90	0.023	

1.5 PARETE P8

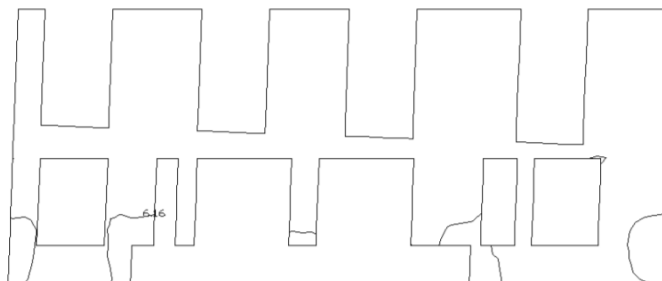
Si riportano di seguito gli involuipi delle sollecitazioni SLU/SLV massimi e minimi. Le unità di misura utilizzate sono [daN/cm] e [daNcm/cm]. Le sollecitazioni sono rappresentate nella convenzione tipica delle piastre. A seguire sono riportati i tabulati di verifica. Si predispone un'armatura verticale e orizzontale su entrambe le facce costituita da 1 ϕ 22/20 integrata come segue: verticalmente si aggiungono su entrambe le facce 1 ϕ 20/20 su un'altezza di 300 cm a partire dalla quota più bassa della parete. Orizzontalmente 1 ϕ 20/20 solo sulle zone di parete al di sotto della soglia delle aperture.

A taglio si inseriscono spilli ϕ 12/40x40 che garantiscono una tensione di taglio resistente di 6.16 daN/cm². Questa resistenza è sufficiente per gran parte della platea fatta eccezione per alcune zone indicate di seguito che richiedono spilli ϕ 12/20x20 con una tensione resistente di 24.65 daN/cm². L'infittimento è previsto nella parte inferiore della parete al di sotto della quota di estradosso delle aperture

θ	22	°
ctg θ	2.48	ok
A _{sw}	283	mm ²
s	400	mm
α	90	°
ctg α	6E-17	
f _{yd}	391	MPa
	264941	N
V _{Rsd}	0.62	MPa
	6.16	daN/cm ²
	1066370	N
V _{Rcd}	2.48	MPa
	24.80	daN/cm ²
V _{Rd}	0.62	MPa
	6.16	daN/cm ²

D passo
 12 40

1D12 40x40



con armatura a taglio

FIGURA 24: ISOLINEE DELLE TENSIONI TANGENZIALI

La tabella e l'immagine seguenti riportano la verifica nelle zone infittite. La tensione massima pari a 36.75 daN/cm² non è coperta dagli spilli che comportano una resistenza di 24.65 daN/cm². Tuttavia il picco tensionale è in corrispondenza della soletta di fondazione e quindi l'azione resistente reale è notevolmente superiore a quella fornita dal modello di calcolo. Per tale ragione non si ritiene necessaria armatura aggiuntiva.

θ	22	°
$\text{ctg}\theta$	2.48	ok
A_{sw}	565	mm^2
s	200	mm
α	90	°
$\text{ctg}\alpha$	6E-17	
f_{yd}	391	MPa
	1059762	N
V_{Rsd}	2.46	MPa
	24.65	daN/cm^2
	1066370	N
V_{Rcd}	2.48	MPa
	24.80	daN/cm^2
V_{Rd}	2.46	MPa
	24.65	daN/cm^2

D passo
 12 20

1D12 20x20

con armatura a taglio

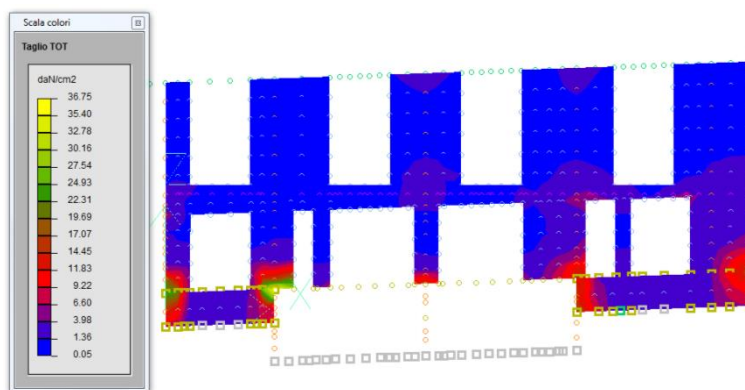


FIGURA 25: TENSIONI TANGENZIALI MASSIME

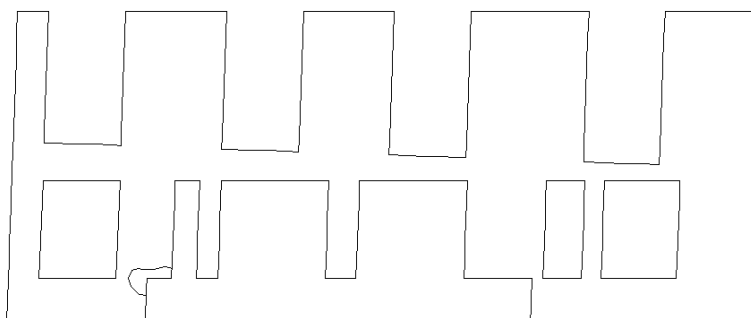


FIGURA 26: ISOLINEA RAPPRESENTATIVA DELLA PORZIONE NON COPERTA DALL'ARMATURA A TAGLIO

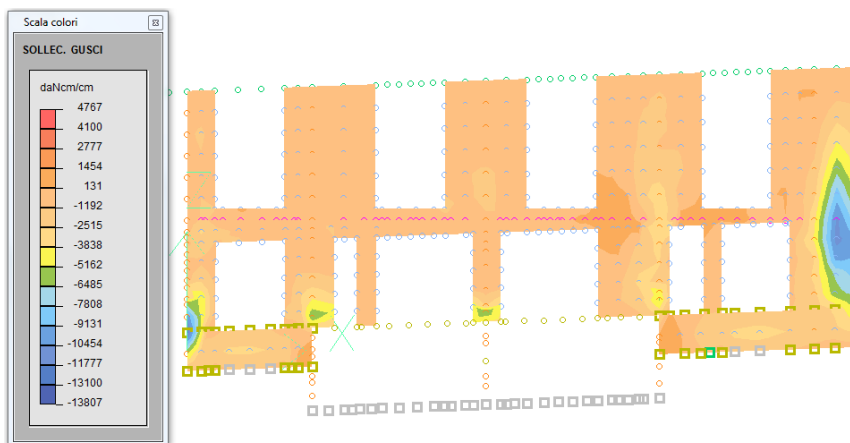


FIGURA 27: MIN Mx

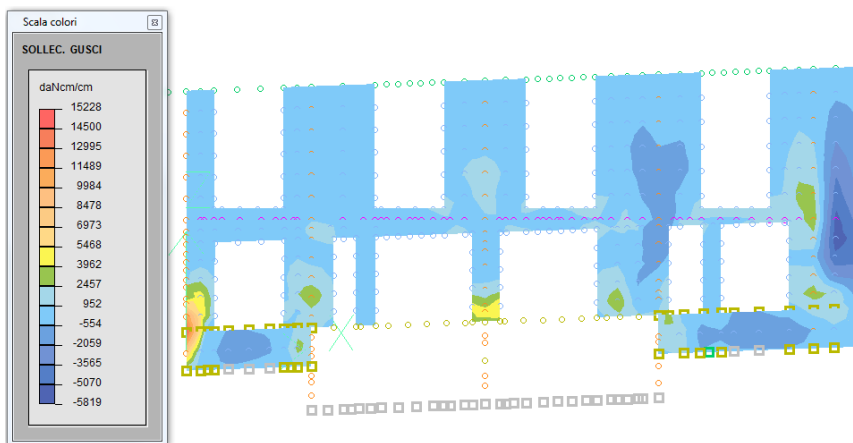


FIGURA 28: MAX Mx

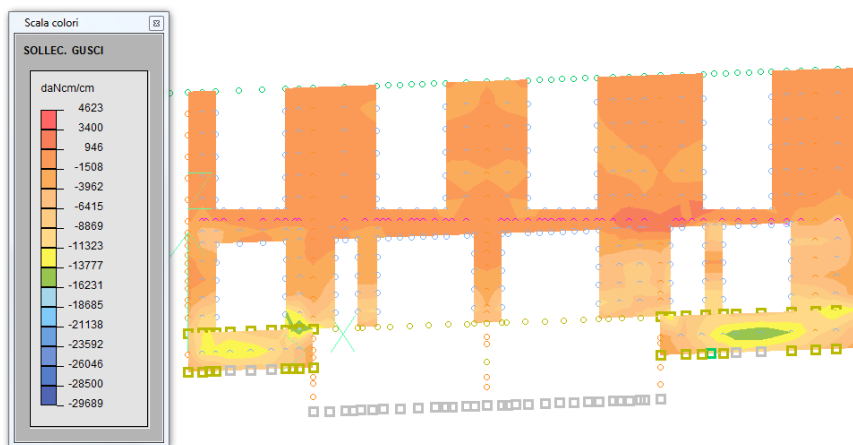


FIGURA 29: MIN MY

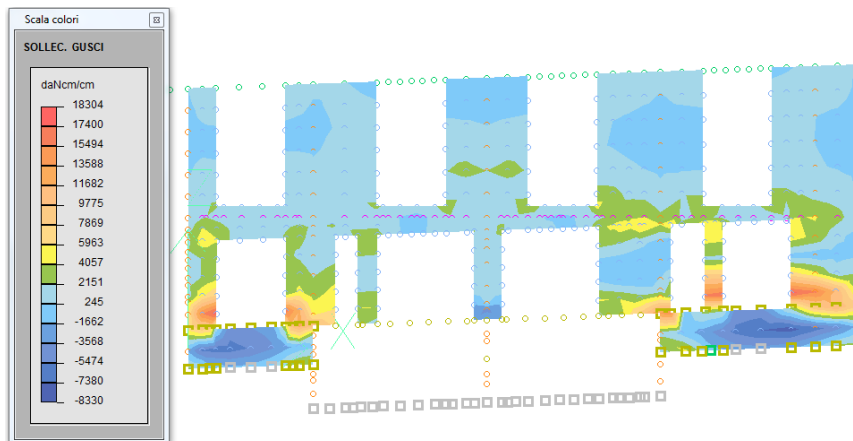


FIGURA 30: MAX MY

MACROGUSCIO P8 _____

VERIFICA ARMATURE EFFETTIVE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
1	SLU SENZA SISMA 1
2	SLU SENZA SISMA 2
5	SLU con SISMAL PRINC
6	SLU con SISMAY PRINC

DATI:

tensione di snervamento acciaio (f_{yk}): 4500 daN/cm²
 coefficiente sicurezza acciaio : 1.15

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

deformazione ultima acciaio : 67.5 per mille
 deformazione ultima cls : 3.5 per mille
 rapporto rottura/snervamento (k): 1.15
 resistenza cilindrica cls (fck): 290.5 daN/cm2
 coefficiente sicurezza cls : 1.5
 coefficiente riduttivo (alfa): 0.85
 copriferro inferiore (asse armatura): 7 cm
 copriferro superiore (asse armatura): 7 cm
 moltiplicatore sollecitazioni : 1

LEGENDA:

spess = spessore guscio. Verifica effettuata su sezione BxH, con B=1 cm e H="spess" cm
 Af = area disposta al lembo teso, in cm2 al metro
 Afc = area disposta al lembo compresso, in cm2 al metro
 Mom = momento flettente [daNcm/cm]
 Nor = sforzo normale [daN]
 epsC = deformazione cls [per mille]
 epsF = deformazione acciaio [per mille]

<-

L'armatura è sufficiente se le deformazioni dei materiali sono ovunque minori delle corrispondenti deformazioni ultime.

GUSCI	spess	INFERIORE ORIZZONTALE						INFERIORE VERTICALE					
		Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
2118	50	19.01	19.01	464.	196.	0.00	0.28	19.01	19.01	608.	-128.	0.03	0.02
2120	50	19.01	19.01	220.	154.	0.00	0.21	19.01	19.01	165.	73.	0.00	0.10
2121	50	19.01	19.01	0.	176.	0.00	0.22	19.01	19.01	160.	74.	0.00	0.10
2122	50	19.01	19.01	259.	140.	0.00	0.19	19.01	19.01	81.	199.	0.00	0.25
2123	50	19.01	19.01	369.	91.	0.00	0.14	19.01	19.01	82.	198.	0.00	0.25
2124	50	19.01	19.01	0.	-100.	0.01	-0.01	19.01	19.01	0.	263.	0.00	0.33
2125	50	19.01	19.01	0.	-44.	0.00	0.01	19.01	19.01	0.	260.	0.00	0.33
2126	50	19.01	19.01	46.	-62.	0.01	-0.01	19.01	19.01	0.	254.	0.00	0.32
2127	50	19.01	19.01	230.	112.	0.00	0.16	19.01	19.01	0.	255.	0.00	0.32
2128	50	19.01	19.01	0.	57.	0.00	0.07	19.01	19.01	1873.	370.	0.00	0.59
2129	50	19.01	19.01	386.	230.	0.00	0.31	19.01	19.01	1871.	370.	0.00	0.59
2132	50	19.01	19.01	298.	180.	0.00	0.24	19.01	19.01	0.	-39.	0.00	0.02
2134	50	19.01	19.01	53.	58.	0.00	0.08	19.01	19.01	0.	40.	0.00	0.05
2135	50	19.01	19.01	0.	123.	0.00	0.15	19.01	19.01	0.	66.	0.00	0.08
2136	50	19.01	19.01	0.	61.	0.00	0.08	19.01	19.01	7.	98.	0.00	0.12
2137	50	19.01	19.01	0.	178.	0.00	0.22	19.01	19.01	0.	111.	0.00	0.14
2138	50	19.01	19.01	0.	168.	0.00	0.21	19.01	19.01	0.	188.	0.00	0.23
2139	50	19.01	19.01	0.	158.	0.00	0.20	19.01	19.01	0.	172.	0.00	0.22
2140	50	19.01	19.01	0.	223.	0.00	0.28	19.01	19.01	596.	246.	0.00	0.35
2141	50	19.01	19.01	0.	152.	0.00	0.19	19.01	19.01	491.	180.	0.00	0.26
2145	50	19.01	19.01	255.	420.	0.00	0.54	19.01	19.01	604.	370.	0.00	0.50
2146	50	19.01	19.01	0.	300.	0.00	0.38	19.01	19.01	76.	123.	0.00	0.16
2147	50	19.01	19.01	20.	316.	0.00	0.40	19.01	19.01	367.	139.	0.00	0.20
2148	50	19.01	19.01	196.	265.	0.00	0.36	19.01	19.01	0.	93.	0.00	0.12
2149	50	19.01	19.01	153.	216.	0.00	0.28	19.01	19.01	0.	72.	0.00	0.09
2150	50	19.01	19.01	701.	199.	0.00	0.30	19.01	19.01	0.	137.	0.00	0.17
2151	50	19.01	19.01	91.	136.	0.00	0.18	19.01	19.01	0.	84.	0.00	0.10
2152	50	19.01	19.01	941.	159.	0.00	0.26	19.01	19.01	432.	188.	0.00	0.26
2153	50	19.01	19.01	236.	116.	0.00	0.16	19.01	19.01	0.	221.	0.00	0.28
2158	50	19.01	19.01	12.	441.	0.00	0.55	19.01	19.01	0.	200.	0.00	0.25
2159	50	19.01	19.01	0.	255.	0.00	0.32	19.01	19.01	0.	-134.	0.01	-0.01
2160	50	19.01	19.01	0.	281.	0.00	0.35	19.01	19.01	0.	-86.	0.01	0.05
2161	50	19.01	19.01	26.	577.	0.00	0.72	19.01	19.01	0.	273.	0.00	0.34
2162	50	19.01	19.01	122.	254.	0.00	0.33	19.01	19.01	0.	-195.	0.02	-0.02
2163	50	19.01	19.01	0.	151.	0.00	0.19	19.01	19.01	0.	-202.	0.02	-0.02
2164	50	19.01	19.01	0.	341.	0.00	0.43	19.01	19.01	0.	-144.	0.02	-0.02
2165	50	19.01	19.01	314.	245.	0.00	0.33	19.01	19.01	0.	48.	0.00	0.06
2166	50	19.01	19.01	119.	49.	0.00	0.07	19.01	19.01	0.	-263.	0.03	-0.03
2167	50	19.01	19.01	792.	-27.	0.02	0.05	19.01	19.01	0.	-186.	0.02	-0.02
2168	50	19.01	19.01	82.	158.	0.00	0.20	19.01	19.01	0.	-174.	0.02	-0.02
2169	50	19.01	19.01	398.	26.	0.01	0.06	19.01	19.01	0.	-140.	0.02	-0.02
2170	50	19.01	19.01	85.	31.	0.00	0.04	19.01	19.01	70.	-99.	0.01	-0.01
2171	50	19.01	19.01	733.	89.	0.01	0.16	19.01	19.01	0.	-120.	0.01	-0.01
2172	50	19.01	19.01	612.	15.	0.01	0.06	19.01	19.01	0.	-193.	0.02	-0.02
2173	50	19.01	19.01	123.	66.	0.00	0.09	19.01	19.01	0.	-196.	0.02	-0.02
2174	50	19.01	19.01	24.	48.	0.00	0.06	19.01	19.01	0.	64.	0.00	0.08
2175	50	19.01	19.01	986.	72.	0.00	0.15	19.01	19.01	0.	-70.	0.01	-0.01
2176	50	19.01	19.01	796.	-1.	0.02	0.05	19.01	19.01	0.	-98.	0.01	-0.01
2177	50	19.01	19.01	0.	49.	0.00	0.06	19.01	19.01	0.	94.	0.00	0.12
2179	50	19.01	19.01	1075.	233.	0.00	0.36	19.01	19.01	3900.	625.	0.00	1.04
2180	50	19.01	19.01	943.	137.	0.00	0.23	19.01	19.01	3562.	615.	0.00	1.01
2181	50	19.01	19.01	0.	210.	0.00	0.26	19.01	19.01	3797.	617.	0.00	1.02
2182	50	19.01	19.01	1054.	278.	0.00	0.42	19.01	19.01	0.	438.	0.00	0.55
2183	50	19.01	19.01	831.	187.	0.00	0.29	19.01	19.01	0.	464.	0.00	0.58
2184	50	19.01	19.01	238.	153.	0.00	0.21	19.01	19.01	0.	511.	0.00	0.64
2185	50	19.01	19.01	0.	102.	0.00	0.13	19.01	19.01	0.	537.	0.00	0.67
2186	50	19.01	19.01	509.	118.	0.00	0.18	19.01	19.01	0.	476.	0.00	0.60
2187	50	19.01	19.01	178.	183.	0.00	0.24	19.01	19.01	0.	513.	0.00	0.64
2188	50	19.01	19.01	0.	144.	0.00	0.18	19.01	19.01	0.	537.	0.00	0.67
2189	50	19.01	19.01	0.	67.	0.00	0.08	19.01	19.01	0.	543.	0.00	0.68
2190	50	19.01	19.01	462.	75.	0.00	0.14	19.01	19.01	0.	527.	0.00	0.66
2191	50	19.01	19.01	268.	186.	0.00	0.25	19.01	19.01	0.	582.	0.00	0.73
2192	50	19.01	19.01	0.	162.	0.00	0.20	19.01	19.01	0.	575.	0.00	0.72
2193	50	19.01	19.01	0.	82.	0.00	0.10	19.01	19.01	0.	578.	0.00	0.72
2194	50	19.01	19.01	185.	216.	0.00	0.28	19.01	19.01	0.	574.	0.00	0.72
2195	50	19.01	19.01	199.	225.	0.00	0.29	19.01	19.01	0.	679.	0.00	0.85
2196	50	19.01	19.01	0.	250.	0.00	0.31	19.01	19.01	0.	670.	0.00	0.84

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2197		50		19.01	19.01	0.	222.	0.00	0.28		19.01	19.01	0.	596.	0.00	0.75	
2198		50		19.01	19.01	86.	290.	0.00	0.37		19.01	19.01	1314.	558.	0.00	0.79	
2199		50		19.01	19.01	274.	256.	0.00	0.34		19.01	19.01	2357.	671.	0.00	1.01	
2201		50		19.01	19.01	0.	323.	0.00	0.40		19.01	19.01	3082.	649.	0.00	1.02	
2204		50		19.01	19.01	0.	271.	0.00	0.34		19.01	19.01	0.	617.	0.00	0.77	
2205		50		19.01	19.01	333.	393.	0.00	0.54		19.01	19.01	0.	711.	0.00	0.89	
2206		50		19.01	19.01	0.	251.	0.00	0.31		19.01	19.01	0.	595.	0.00	0.74	
2207		50		19.01	19.01	0.	215.	0.00	0.27		19.01	19.01	0.	676.	0.00	0.85	
2208		50		19.01	19.01	0.	157.	0.00	0.20		19.01	19.01	0.	642.	0.00	0.80	
2209		50		19.01	19.01	0.	146.	0.00	0.18		19.01	19.01	0.	776.	0.00	0.97	
2210		50		19.01	19.01	0.	216.	0.00	0.27		19.01	19.01	0.	697.	0.00	0.87	
2211		50		19.01	19.01	0.	299.	0.00	0.37		19.01	19.01	0.	866.	0.00	1.08	
2212		50		19.01	19.01	0.	280.	0.00	0.35		19.01	19.01	2167.	845.	0.00	1.21	
2213		50		19.01	19.01	108.	437.	0.00	0.55		19.01	19.01	3222.	936.	0.00	1.40	
2215		50		19.01	19.01	1886.	535.	0.00	0.79		19.01	19.01	2990.	277.	0.00	0.55	
2216		50		19.01	19.01	3867.	315.	0.00	0.65		19.01	19.01	2663.	233.	0.00	0.49	
2217		50		19.01	19.01	783.	103.	0.02	0.18		19.01	19.01	1171.	274.	0.00	0.42	
2218		50		19.01	19.01	950.	167.	0.00	0.27		19.01	19.01	879.	236.	0.00	0.35	
2219		50		19.01	19.01	1869.	46.	0.04	0.18		19.01	19.01	414.	192.	0.00	0.27	
2220		50		19.01	19.01	361.	56.	0.01	0.09		19.01	19.01	782.	265.	0.00	0.38	
2221		50		19.01	19.01	474.	56.	0.00	0.10		19.01	19.01	866.	194.	0.00	0.30	
2222		50		19.01	19.01	100.	-36.	0.01	0.01		19.01	19.01	836.	152.	0.00	0.24	
2223		50		19.01	19.01	654.	51.	0.01	0.11		19.01	19.01	934.	224.	0.00	0.34	
2224		50		19.01	19.01	795.	57.	0.00	0.12		19.01	19.01	1074.	234.	0.00	0.36	
2225		50		19.01	19.01	833.	37.	0.00	0.10		19.01	19.01	1033.	231.	0.00	0.36	
2226		50		19.01	19.01	573.	125.	0.00	0.19		19.01	19.01	712.	228.	0.00	0.33	
2227		50		19.01	19.01	830.	76.	0.00	0.15		19.01	19.01	846.	234.	0.00	0.35	
2228		50		19.01	19.01	1224.	78.	0.00	0.18		19.01	19.01	871.	235.	0.00	0.35	
2229		50		19.01	19.01	409.	188.	0.00	0.26		19.01	19.01	0.	180.	0.00	0.22	
2230		50		19.01	19.01	709.	149.	0.00	0.23		19.01	19.01	0.	188.	0.00	0.23	
2231		50		19.01	19.01	1209.	133.	0.00	0.24		19.01	19.01	0.	183.	0.00	0.23	
3703		50		19.01	19.01	453.	273.	0.00	0.37		19.01	19.01	3001.	487.	0.00	0.81	
3704		50		19.01	19.01	0.	285.	0.00	0.36		19.01	19.01	2254.	584.	0.00	0.88	
3705		50		19.01	19.01	0.	318.	0.00	0.40		19.01	19.01	3127.	502.	0.00	0.83	
3707		50		19.01	19.01	882.	201.	0.00	0.31		19.01	19.01	2555.	515.	0.00	0.81	
3713		50		19.01	19.01	0.	275.	0.00	0.34		19.01	19.01	53.	-43.	0.01	0.00	
3715		50		19.01	19.01	15.	280.	0.00	0.35		19.01	19.01	687.	-61.	0.02	0.04	
3721		50		19.01	19.01	278.	407.	0.00	0.53		19.01	19.01	1670.	334.	0.00	0.53	
3723		50		19.01	19.01	38.	468.	0.00	0.59		19.01	19.01	313.	11.	0.00	0.03	
3727		50		19.01	19.01	359.	324.	0.00	0.43		19.01	19.01	579.	-101.	0.02	0.02	
3728		50		19.01	19.01	0.	192.	0.00	0.24		19.01	19.01	473.	-162.	0.03	0.01	
3733		50		19.01	19.01	6.	490.	0.00	0.61		19.01	19.01	1025.	-11.	0.03	0.06	
3737		50		19.01	19.01	312.	462.	0.00	0.60		19.01	19.01	3112.	506.	0.00	0.84	
3742		50		19.01	19.01	527.	905.	0.00	1.17		19.01	19.01	531.	-42.	0.02	0.03	
3743		50		19.01	19.01	621.	572.	0.00	0.76		19.01	19.01	515.	-51.	0.02	0.05	
3744		50		19.01	19.01	404.	311.	0.00	0.42		19.01	19.01	971.	135.	0.00	0.23	
3745		50		19.01	19.01	677.	578.	0.00	0.77		19.01	19.01	671.	127.	0.01	0.20	
3746		50		19.01	19.01	803.	848.	0.00	1.12		19.01	19.01	701.	86.	0.02	0.15	
3747		50		19.01	19.01	828.	1212.	0.00	1.57		19.01	19.01	1550.	456.	0.00	0.67	
3751		50		19.01	19.01	2035.	1024.	0.00	1.42		19.01	19.01	1978.	324.	0.00	0.53	
3755		50		19.01	19.01	1739.	849.	0.00	1.18		19.01	19.01	1659.	234.	0.00	0.41	
3757		50		19.01	19.01	1735.	535.	0.00	0.78		19.01	19.01	2916.	635.	0.00	1.04	
3758		50		19.01	19.01	1421.	797.	0.00	1.10		19.01	19.01	2002.	716.	0.00	1.03	
3759		50		19.01	19.01	2698.	347.	0.00	0.63		19.01	19.01	2677.	301.	0.00	0.55	
3760		50		19.01	19.01	0.	694.	0.04	0.87		19.01	19.01	2329.	246.	0.00	0.46	
3761		50		19.01	19.01	0.	135.	0.00	0.17		19.01	19.01	548.	-128.	0.03	0.02	
3762		50		19.01	19.01	0.	246.	0.00	0.31		19.01	19.01	0.	-126.	0.01	-0.01	
3763		50		19.01	19.01	13.	298.	0.00	0.37		19.01	19.01	411.	-27.	0.01	0.02	
3764		50		19.01	19.01	296.	267.	0.00	0.35		19.01	19.01	739.	28.	0.00	0.08	
3765		50		19.01	19.01	366.	179.	0.00	0.25		19.01	19.01	174.	-26.	0.01	0.01	
3766		50		19.01	19.01	241.	293.	0.00	0.38		19.01	19.01	489.	-27.	0.01	0.03	
3767		50		19.01	19.01	411.	348.	0.00	0.46		19.01	19.01	1493.	430.	0.00	0.64	
3768		50		19.01	19.01	340.	477.	0.00	0.62		19.01	19.01	1637.	228.	0.00	0.39	
3769		50		19.01	19.01	330.	480.	0.00	0.62		19.01	19.01	1556.	617.	0.00	0.88	
3770		50		19.01	19.01	607.	466.	0.00	0.62		19.01	19.01	1231.	286.	0.00	0.44	
3771		50		19.01	19.01	285.	642.	0.00	0.82		19.01	19.01	0.	101.	0.00	0.13	
3773		50		19.01	19.01	336.	645.	0.00	0.83		19.01	19.01	724.	8.	0.01	0.06	
3774		50		19.01	19.01	255.	531.	0.00	0.68		19.01	19.01	1095.	346.	0.00	0.50	
3775		50		19.01	19.01	172.	743.	0.00	0.94		19.01	19.01	1550.	-248.	0.06	0.06	
3776		50		19.01	19.01	145.	534.	0.00	0.68		19.01	19.01	2154.	331.	0.00	0.55	
3777		50		19.01	19.01	960.	485.	0.00	0.67		19.01	19.01	2260.	481.	0.00	0.75	
3778		50		19.01	19.01	1008.	375.	0.00	0.54		19.01	19.01	1565.	459.	0.00	0.68	
3779		50		19.01	19.01	1251.	370.	0.00	0.55		19.01	19.01	2037.	692.	0.00	1.00	
3780		50		19.01	19.01	1403.	51.	0.00	0.15		19.01	19.01	3328.	603.	0.00	0.98	
3781		50		19.01	19.01	708.	521.	0.00	0.70		19.01	19.01	2560.	513.	0.00	0.81	
3782		50		19.01	19.01	685.	226.	0.00	0.33		19.01	19.01	2796.	826.	0.00	1.23	
3783		50		19.01	19.01	963.	230.	0.00	0.35		19.01	19.01	2210.	267.	0.00	0.48	
3784		50		19.01	19.01	1252.	107.	0.00	0.21		19.01	19.01	1308.	399.	0.00	0.58	
3785		50		19.01	19.01	856.	161.	0.00	0.26		19.01	19.01	1773.	433.	0.00	0.66	
3908		50		19.01	19.01	0.	171.	0.00	0.21		19.01	19.01	896.	-14.	0.02	0.06	
3909		50		19.01	19.01	0.	127.	0.00	0.16		19.01	19.01	0.	38.	0.00	0.05	
3910		50		19.01	19.01	37.	225.	0.00	0.28		19.01	19.01	317.	241.			

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5860		50		19.01	19.01	374.	390.	0.00	0.51		34.83	34.83	625.	-220.	0.04	0.11	
5863		50		19.01	19.01	673.	113.	0.00	0.18		19.01	19.01	0.	180.	0.00	0.23	
5864		50		36.14	36.14	24464.	1759.	2.55	19.54		34.83	34.83	897.	1817.	0.00	1.28	
5891		50		19.01	19.01	2257.	503.	0.00	0.78		34.83	34.83	3756.	111.	0.00	0.38	
5892		50		19.01	19.01	2027.	67.	0.00	0.21		19.01	19.01	932.	-327.	0.06	0.05	
5893		50		36.14	19.01	3715.	1030.	0.00	1.55		34.83	34.83	16001.	278.	0.15	0.77	
5894		50		19.01	19.01	3759.	892.	0.00	1.38		34.83	34.83	3955.	279.	0.00	0.61	
5895		50		19.01	19.01	2591.	197.	0.00	0.41		19.01	19.01	734.	-181.	0.04	0.06	
5896		50		36.14	19.01	3610.	247.	0.00	0.54		34.83	34.83	16380.	129.	0.22	0.68	
5899		50		19.01	19.01	3013.	308.	0.00	0.58		34.83	34.83	4187.	228.	0.00	0.56	
5901		50		19.01	19.01	32.	156.	0.00	0.20		34.83	34.83	0.	870.	0.00	0.59	
5902		50		19.01	19.01	2063.	341.	0.00	0.56		19.01	19.01	738.	-148.	0.04	0.11	
5904		50		19.01	19.01	45.	128.	0.00	0.16		19.01	19.01	1262.	315.	0.00	0.48	
5912		50		36.14	19.01	2470.	422.	0.00	0.72		34.83	34.83	16008.	1.	0.28	0.65	
5913		50		36.14	19.01	951.	867.	0.00	1.15		34.83	34.83	23862.	-24.	0.42	0.85	
5914		50		19.01	19.01	1459.	227.	0.00	0.38		34.83	34.83	551.	306.	0.00	0.38	
5915		50		19.01	19.01	1798.	445.	0.00	0.68		34.83	34.83	577.	519.	0.00	0.60	
5919		50		36.14	36.14	0.	2053.	0.00	1.35		34.83	34.83	0.	2089.	0.00	1.43	
5920		50		36.14	36.14	0.	1374.	0.00	0.90		34.83	34.83	0.	1923.	0.00	1.31	
5923		50		36.14	19.01	84.	869.	0.00	1.09		34.83	34.83	7807.	1607.	0.00	1.39	
5926		50		19.01	19.01	100.	275.	0.00	0.35		34.83	34.83	4471.	791.	0.00	0.81	
5927		50		36.14	36.14	0.	1089.	0.00	0.72		34.83	34.83	0.	684.	0.00	0.47	
5930		50		36.14	19.01	889.	254.	0.03	0.22		34.83	34.83	26146.	90.	0.45	1.01	
5933		50		19.01	19.01	1652.	149.	0.04	0.29		34.83	34.83	5691.	260.	0.00	0.38	
5951		50		19.01	19.01	2771.	353.	0.00	0.62		34.83	34.83	1117.	193.	0.00	0.25	
5952		50		19.01	19.01	3514.	383.	0.00	0.71		34.83	34.83	1117.	193.	0.00	0.25	
5965		50		36.14	36.14	0.	2048.	0.00	1.35		34.83	34.83	3013.	2341.	0.00	1.71	
5966		50		36.14	36.14	0.	1940.	0.00	1.28		34.83	34.83	0.	1098.	0.01	0.75	
5969		50		19.01	19.01	985.	280.	0.00	0.41		19.01	19.01	0.	635.	0.00	0.79	
5970		50		19.01	19.01	1967.	176.	0.00	0.35		19.01	19.01	11.	-631.	0.07	-0.07	
5971		50		19.01	19.01	2601.	263.	0.00	0.50		19.01	19.01	11.	-631.	0.07	-0.07	
5972		50		19.01	19.01	488.	84.	0.00	0.14		19.01	19.01	907.	-597.	0.09	-0.04	
5973		50		19.01	19.01	620.	53.	0.00	0.12		19.01	19.01	906.	-596.	0.09	-0.04	
5976		50		19.01	19.01	551.	286.	0.00	0.39		19.01	19.01	0.	125.	0.00	0.16	
5977		50		19.01	19.01	1617.	134.	0.00	0.27		19.01	19.01	0.	-65.	0.01	0.08	
5978		50		19.01	19.01	1297.	231.	0.00	0.38		19.01	19.01	0.	206.	0.01	0.26	
5980		50		19.01	19.01	146.	230.	0.00	0.30		19.01	19.01	0.	729.	0.00	0.91	
5981		50		19.01	19.01	485.	427.	0.00	0.57		19.01	19.01	930.	220.	0.00	0.34	
5982		50		19.01	19.01	206.	291.	0.00	0.38		19.01	19.01	772.	227.	0.00	0.33	
5983		50		19.01	19.01	392.	202.	0.00	0.28		19.01	19.01	621.	290.	0.00	0.40	
5987		50		19.01	19.01	156.	359.	0.00	0.46		19.01	19.01	1073.	1345.	0.00	1.76	
5988		50		19.01	19.01	1163.	464.	0.00	0.66		19.01	19.01	0.	614.	0.00	0.77	
5990		50		19.01	19.01	911.	517.	0.00	0.71		19.01	19.01	0.	878.	0.00	1.10	
5991		50		19.01	19.01	777.	480.	0.00	0.65		19.01	19.01	0.	723.	0.00	0.91	
5992		50		19.01	19.01	0.	327.	0.00	0.41		19.01	19.01	0.	640.	0.00	0.80	
5995		50		19.01	19.01	306.	330.	0.00	0.43		19.01	19.01	0.	824.	0.00	1.03	
5998		50		19.01	19.01	357.	318.	0.00	0.42		19.01	19.01	399.	1092.	0.00	1.39	
5999		50		19.01	19.01	1323.	243.	0.00	0.39		19.01	19.01	2153.	896.	0.00	1.27	
6000		50		19.01	19.01	934.	577.	0.00	0.78		19.01	19.01	2705.	1158.	0.00	1.64	
6001		50		19.01	19.01	1225.	289.	0.00	0.44		19.01	19.01	2008.	969.	0.00	1.35	
6002		50		19.01	19.01	1248.	327.	0.00	0.49		19.01	19.01	1936.	889.	0.00	1.25	
6003		50		19.01	19.01	1041.	303.	0.00	0.45		19.01	19.01	1376.	723.	0.00	1.00	
6004		50		19.01	19.01	852.	278.	0.00	0.40		19.01	19.01	1793.	723.	0.00	1.03	
6005		50		19.01	19.01	0.	110.	0.00	0.14		19.01	19.01	1612.	595.	0.00	0.85	
6006		50		19.01	19.01	0.	76.	0.00	0.09		19.01	19.01	879.	565.	0.00	0.76	
6007		50		19.01	19.01	0.	124.	0.00	0.16		19.01	19.01	1356.	443.	0.00	0.64	
6009		50		19.01	19.01	1050.	282.	0.00	0.42		19.01	19.01	1369.	696.	0.00	0.96	
6011		50		19.01	19.01	1301.	370.	0.00	0.55		19.01	19.01	1512.	980.	0.00	1.33	
6012		50		19.01	19.01	952.	484.	0.00	0.67		19.01	19.01	1512.	980.	0.00	1.33	
6013		50		19.01	19.01	1523.	470.	0.00	0.73		19.01	19.01	0.	458.	0.00	0.57	
6016		50		19.01	19.01	1456.	734.	0.00	1.02		19.01	19.01	674.	611.	0.00	0.82	
6019		50		19.01	19.01	1995.	637.	0.00	0.93		19.01	19.01	6465.	873.	0.00	1.54	
6020		50		19.01	19.01	2455.	414.	0.00	0.68		19.01	19.01	3763.	787.	0.00	1.24	
6021		50		19.01	19.01	3703.	455.	0.00	0.81		19.01	19.01	4102.	778.	0.00	1.25	
6025		50		19.01	19.01	474.	457.	0.00	0.60		19.01	19.01	223.	319.	0.00	0.41	
6026		50		19.01	19.01	492.	836.	0.00	1.08		19.01	19.01	311.	304.	0.00	0.40	
6027		50		19.01	19.01	464.	331.	0.00	0.44		19.01	19.01	266.	353.	0.00	0.46	
6029		50		19.01	19.01	430.	319.	0.00	0.43		19.01	19.01	0.	184.	0.00	0.23	
6030		50		19.01	19.01	1238.	240.	0.00	0.38		19.01	19.01	372.	167.	0.00	0.26	
6032		50		19.01	19.01	944.	740.	0.00	0.99		19.01	19.01	291.	326.	0.00	0.43	
6034		50		19.01	19.01	407.	463.	0.00	0.61		19.01	19.01	138.	245.	0.00	0.32	
6040		50		19.01	19.01	341.	236.	0.00	0.32		19.01	19.01	293.	246.	0.00	0.33	
6043		50		19.01	19.01	287.	366.	0.00	0.48		19.01	19.01	386.	259.	0.00	0.35	
6044		50		19.01	19.01	363.	353.	0.00	0.47		19.01	19.01	980.	419.	0.00	0.59	
6045		50		19.01	19.01	446.	330.	0.00	0.44		19.01	19.01	406.	253.	0.00	0.34	
6046		50		19.01	19.01	760.	784.	0.00	1.03		19.01	19.01	740.	186.	0.00	0.28	
6047		50		19.01	19.01	992.	311.	0.00	0.45		19.01	19.01	752.	204.	0.00	0.30	
6049		50		19.01	19.01	720.	511.	0.00	0.69		19.01	19.01	943.	165.	0.00	0.27	
6050		50		19.01	19.01	2033.	1022.	0.00	1.42		19.01	19.01	970.	142.	0.00	0.24	
6052		50		19.01	19.01	893.	1147.	0.00	1.50		19.01	19.01	412.	174.	0.00	0.24	
6053		50		19.01	19.01	522.	672.	0.00	0.88		19.01	19.01	828.	228.	0.00	0.34	
6056		50		19.01	19.01	0.	11										

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6073		50		19.01	19.01	1329.	238.	0.00	0.38		19.01	19.01	5339.	621.	0.00	1.13	
6074		50		19.01	19.01	1170.	272.	0.00	0.42		19.01	19.01	5309.	679.	0.00	1.21	
6075		50		19.01	19.01	1093.	217.	0.00	0.34		19.01	19.01	4615.	598.	0.00	1.05	
6076		50		19.01	19.01	174.	219.	0.00	0.29		19.01	19.01	5685.	478.	0.00	0.97	
6077		50		19.01	19.01	918.	194.	0.00	0.30		19.01	19.01	6590.	463.	0.00	1.01	
6078		50		19.01	19.01	964.	188.	0.00	0.30		19.01	19.01	5868.	520.	0.00	1.04	
6079		50		19.01	19.01	292.	446.	0.00	0.58		19.01	19.01	0.	136.	0.00	0.17	
6080		50		19.01	19.01	185.	363.	0.00	0.47		19.01	19.01	124.	46.	0.00	0.07	
6082		50		19.01	19.01	192.	398.	0.00	0.51		19.01	19.01	178.	73.	0.00	0.10	
6083		50		19.01	19.01	636.	590.	0.00	0.78		19.01	19.01	0.	194.	0.00	0.24	
6084		50		19.01	19.01	293.	454.	0.00	0.59		19.01	19.01	42.	150.	0.00	0.19	
6086		50		19.01	19.01	402.	806.	0.00	1.04		19.01	19.01	10.	61.	0.00	0.08	
6087		50		19.01	19.01	321.	488.	0.00	0.63		19.01	19.01	165.	105.	0.00	0.14	
6088		50		19.01	19.01	688.	588.	0.00	0.78		19.01	19.01	0.	28.	0.00	0.03	
6089		50		19.01	19.01	939.	695.	0.00	0.93		19.01	19.01	54.	65.	0.00	0.09	
6091		50		19.01	19.01	322.	417.	0.00	0.54		19.01	19.01	0.	-2.	0.00	0.00	
6092		50		19.01	19.01	184.	407.	0.00	0.52		19.01	19.01	0.	72.	0.00	0.09	
6094		50		19.01	19.01	281.	317.	0.00	0.41		19.01	19.01	0.	75.	0.00	0.09	
6095		50		19.01	19.01	339.	467.	0.00	0.61		19.01	19.01	722.	223.	0.00	0.33	
6096		50		19.01	19.01	367.	324.	0.00	0.43		19.01	19.01	606.	227.	0.00	0.32	
6098		50		19.01	19.01	374.	401.	0.00	0.53		19.01	19.01	0.	331.	0.00	0.41	
6099		50		19.01	19.01	920.	1046.	0.00	1.37		19.01	19.01	525.	239.	0.00	0.33	
6100		50		19.01	19.01	617.	989.	0.00	1.28		19.01	19.01	425.	212.	0.00	0.29	
6103		50		19.01	19.01	485.	590.	0.00	0.77		19.01	19.01	1392.	353.	0.00	0.53	
6104		50		19.01	19.01	776.	712.	0.00	0.94		19.01	19.01	1326.	373.	0.00	0.55	
6105		50		19.01	19.01	539.	681.	0.00	0.89		19.01	19.01	1460.	439.	0.00	0.64	
6107		50		19.01	19.01	1284.	204.	0.00	0.34		19.01	19.01	1906.	222.	0.00	0.40	
6108		50		19.01	19.01	611.	176.	0.00	0.26		19.01	19.01	1696.	183.	0.00	0.34	
6109		50		19.01	19.01	789.	230.	0.00	0.34		19.01	19.01	1484.	282.	0.00	0.45	
6111		50		19.01	19.01	878.	375.	0.00	0.53		19.01	19.01	2804.	291.	0.00	0.55	
6112		50		19.01	19.01	1087.	393.	0.00	0.56		19.01	19.01	2496.	171.	0.00	0.38	
6113		50		19.01	19.01	398.	143.	0.00	0.20		19.01	19.01	2112.	235.	0.00	0.43	
6114		50		19.01	19.01	696.	826.	0.00	1.08		19.01	19.01	1066.	-2.	0.03	0.07	
6115		50		19.01	19.01	331.	494.	0.00	0.64		19.01	19.01	1328.	-28.	0.03	0.08	
6117		50		19.01	19.01	726.	500.	0.00	0.67		19.01	19.01	1088.	42.	0.00	0.12	
6118		50		19.01	19.01	0.	229.	0.00	0.29		19.01	19.01	1982.	-5.	0.05	0.13	
6120		50		19.01	19.01	515.	121.	0.00	0.19		19.01	19.01	1928.	-4.	0.05	0.12	
6121		50		19.01	19.01	516.	948.	0.00	1.22		19.01	19.01	1502.	-10.	0.04	0.10	
6122		50		19.01	19.01	312.	584.	0.00	0.75		19.01	19.01	1354.	37.	0.00	0.13	
6124		50		19.01	19.01	237.	480.	0.00	0.62		19.01	19.01	1708.	-4.	0.04	0.11	
6125		50		19.01	19.01	1145.	438.	0.00	0.62		19.01	19.01	691.	48.	0.00	0.10	
6126		50		19.01	19.01	968.	604.	0.00	0.82		19.01	19.01	254.	87.	0.00	0.13	
6128		50		19.01	19.01	1161.	1116.	0.00	1.48		19.01	19.01	497.	50.	0.00	0.10	
6130		50		19.01	19.01	414.	400.	0.00	0.53		19.01	19.01	1213.	559.	0.00	0.78	
6131		50		19.01	19.01	1475.	704.	0.00	0.98		19.01	19.01	1617.	462.	0.00	0.68	
6132		50		19.01	19.01	717.	519.	0.00	0.70		19.01	19.01	1929.	543.	0.00	0.81	
6133		50		19.01	19.01	198.	339.	0.00	0.44		19.01	19.01	661.	36.	0.00	0.09	
6134		50		19.01	19.01	618.	17.	0.00	0.06		19.01	19.01	623.	283.	0.00	0.39	
6136		50		19.01	19.01	1047.	582.	0.00	0.80		19.01	19.01	198.	95.	0.00	0.13	
6138		50		19.01	19.01	1095.	403.	0.00	0.58		19.01	19.01	1473.	273.	0.00	0.44	
6139		50		19.01	19.01	379.	98.	0.00	0.15		19.01	19.01	1273.	296.	0.00	0.45	
6140		50		19.01	19.01	490.	135.	0.00	0.20		19.01	19.01	1330.	489.	0.00	0.70	
6141		50		19.01	19.01	992.	494.	0.00	0.68		19.01	19.01	3464.	550.	0.00	0.92	
6142		50		19.01	19.01	1138.	292.	0.00	0.44		19.01	19.01	3841.	669.	0.00	1.09	
6144		50		19.01	19.01	982.	535.	0.00	0.73		19.01	19.01	2825.	655.	0.00	1.01	
6146		50		19.01	19.01	390.	340.	0.00	0.45		19.01	19.01	4599.	668.	0.00	1.14	
6148		50		19.01	19.01	0.	279.	0.00	0.35		19.01	19.01	5372.	565.	0.00	1.06	
6149		50		19.01	19.01	1383.	594.	0.00	0.84		19.01	19.01	3543.	679.	0.00	1.09	
6150		50		19.01	19.01	1649.	50.	0.00	0.17		19.01	19.01	3070.	635.	0.00	1.00	
6152		50		19.01	19.01	799.	465.	0.00	0.63		19.01	19.01	4250.	657.	0.00	1.11	
6153		50		19.01	19.01	1314.	301.	0.00	0.46		19.01	19.01	1461.	494.	0.00	0.71	
6154		50		19.01	19.01	1058.	488.	0.00	0.68		19.01	19.01	1087.	505.	0.00	0.70	
6155		50		19.01	19.01	1430.	806.	0.00	1.11		19.01	19.01	1266.	421.	0.00	0.61	
6156		50		19.01	19.01	2710.	346.	0.00	0.63		19.01	19.01	1545.	215.	0.00	0.37	
6157		50		19.01	19.01	0.	686.	0.04	0.86		19.01	19.01	1770.	600.	0.00	0.87	
6158		50		19.01	19.01	767.	305.	0.00	0.43		19.01	19.01	3008.	664.	0.00	1.03	
6159		50		19.01	19.01	249.	246.	0.00	0.32		19.01	19.01	3320.	617.	0.00	0.99	
6160		50		19.01	19.01	1795.	591.	0.00	0.86		19.01	19.01	3728.	688.	0.00	1.11	
6167		50		36.14	36.14	0.	2182.	0.00	1.44		34.83	34.83	0.	1706.	0.00	1.17	
6168		50		36.14	36.14	0.	1791.	0.00	1.18		34.83	34.83	0.	1641.	0.00	1.12	
6169		50		36.14	36.14	0.	2028.	0.00	1.34		34.83	34.83	0.	1629.	0.00	1.11	
6171		50		36.14	36.14	0.	432.	0.00	0.28		34.83	34.83	587.	610.	0.00	0.44	
6172		50		36.14	36.14	0.	1193.	0.00	0.79		34.83	34.83	1072.	652.	0.00	0.48	
6173		50		36.14	36.14	0.	1360.	0.00	0.90		34.83	34.83	2751.	969.	0.00	0.76	
6181		50		36.14	36.14	2501.	1126.	0.00	0.83		34.83	34.83	0.	1107.	0.00	0.76	
6182		50		36.14	36.14	3437.	1118.	0.00	0.86		34.83	34.83	0.	872.	0.00	0.60	
6184		50		36.14	36.14	3174.	1225.	0.00	0.92		34.83	34.83	0.	769.	0.00	0.53	
6185		50		36.14	36.14	2626.	1436.	0.00	1.04		34.83	34.83	3711.	1126.	0.00	0.91	
6186		50		36.14	36.14	3040.	1283.	0.00	0.95		34.83	34.83	1736.	551.	0.00	0.44	
6188		50		36.14	36.14	2868.	1551.	0.00	1.13		34.83	34.83	4272.	1145.	0.00	0.94	
6197		50		19.01	19.01	691.	56.	0.00	0.11		19.01	19.01	1336.	-563.	0.09	0.00	
6198		50		19.01	19.01	885.	61.</										

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6211		50		19.01	19.01	3890.	417.	0.00	0.78		34.83	34.83	0.	481.	0.00	0.33	
6221		50		19.01	19.01	0.	548.	0.00	0.69		19.01	19.01	0.	531.	0.00	0.66	
6224		50		19.01	19.01	0.	368.	0.00	0.46		19.01	19.01	0.	604.	0.00	0.76	
6233		50		19.01	19.01	0.	781.	0.00	0.98		34.83	34.83	1247.	704.	0.00	0.53	
6235		50		19.01	19.01	0.	698.	0.00	0.87		19.01	19.01	0.	612.	0.00	0.77	
6236		50		19.01	19.01	0.	691.	0.00	0.86		34.83	34.83	0.	484.	0.00	0.33	
6241		50		36.14	36.14	5840.	2026.	0.00	1.55		34.83	34.83	5061.	2641.	0.00	13.45	
6242		50		36.14	36.14	4919.	1963.	0.00	1.47		34.83	34.83	4450.	2192.	0.00	1.67	
6243		50		36.14	36.14	5903.	1445.	0.00	1.16		34.83	34.83	2540.	2516.	0.00	1.82	
6244		50		19.01	19.01	3907.	213.	0.00	0.52		19.01	19.01	1122.	212.	0.00	0.34	
6245		50		19.01	19.01	0.	-99.	0.01	0.09		19.01	19.01	977.	96.	0.00	0.19	
6246		50		19.01	19.01	2645.	0.	0.06	0.17		19.01	19.01	0.	143.	0.00	0.18	
6247		50		19.01	19.01	0.	-188.	0.02	-0.02		19.01	19.01	0.	101.	0.00	0.13	
6248		50		19.01	19.01	1467.	14.	0.02	0.11		19.01	19.01	509.	113.	0.00	0.17	
6249		50		19.01	19.01	0.	-94.	0.01	0.01		19.01	19.01	0.	155.	0.00	0.19	
6250		50		19.01	19.01	949.	168.	0.00	0.27		19.01	19.01	723.	196.	0.00	0.29	
6251		50		19.01	19.01	0.	158.	0.00	0.20		19.01	19.01	357.	199.	0.00	0.29	
6252		50		19.01	19.01	1453.	208.	0.00	0.35		19.01	19.01	608.	224.	0.00	0.32	
6253		50		19.01	19.01	0.	250.	0.00	0.31		19.01	19.01	540.	255.	0.00	0.35	
6254		50		19.01	19.01	1258.	241.	0.00	0.38		19.01	19.01	34.	202.	0.00	0.25	
6255		50		19.01	19.01	0.	285.	0.00	0.36		19.01	19.01	592.	240.	0.00	0.34	
8630		50		19.01	19.01	1039.	722.	0.00	0.97		19.01	19.01	2129.	537.	0.00	0.81	
8631		50		19.01	19.01	1901.	1339.	0.00	1.81		19.01	19.01	2285.	326.	0.00	0.56	
8632		50		19.01	19.01	1389.	954.	0.00	1.29		19.01	19.01	1749.	431.	0.00	0.65	
8633		50		19.01	19.01	1544.	329.	0.00	0.51		19.01	19.01	674.	78.	0.00	0.14	
8634		50		19.01	19.01	223.	301.	0.00	0.39		19.01	19.01	889.	135.	0.00	0.23	
8636		50		19.01	19.01	932.	35.	0.00	0.10		19.01	19.01	853.	116.	0.00	0.20	
8637		50		19.01	19.01	178.	268.	0.00	0.35		19.01	19.01	184.	301.	0.00	0.39	
8638		50		19.01	19.01	37.	216.	0.00	0.27		19.01	19.01	0.	120.	0.00	0.15	
8639		50		19.01	19.01	0.	125.	0.00	0.16		19.01	19.01	338.	206.	0.00	0.28	
8640		50		19.01	19.01	0.	60.	0.00	0.08		19.01	19.01	0.	72.	0.00	0.09	
8641		50		19.01	19.01	109.	156.	0.00	0.20		19.01	19.01	598.	260.	0.00	0.36	
8642		50		19.01	19.01	0.	53.	0.00	0.07		19.01	19.01	0.	130.	0.00	0.16	
8643		50		19.01	19.01	144.	218.	0.00	0.28		19.01	19.01	0.	131.	0.00	0.16	
8644		50		19.01	19.01	1373.	294.	0.00	0.46		19.01	19.01	0.	227.	0.00	0.28	
8645		50		19.01	19.01	1377.	260.	0.00	0.42		19.01	19.01	489.	341.	0.00	0.46	
8646		50		19.01	19.01	1238.	263.	0.00	0.41		19.01	19.01	64.	256.	0.00	0.32	
8648		50		19.01	19.01	1829.	185.	0.00	0.35		19.01	19.01	358.	293.	0.00	0.39	
8649		50		19.01	19.01	1599.	204.	0.00	0.36		19.01	19.01	1730.	574.	0.00	0.83	
8650		50		19.01	19.01	1358.	308.	0.00	0.47		19.01	19.01	1131.	523.	0.00	0.73	
8652		50		19.01	19.01	4340.	149.	0.00	0.47		19.01	19.01	0.	-103.	0.01	-0.01	
8653		50		19.01	19.01	3191.	138.	0.00	0.38		19.01	19.01	1084.	323.	0.00	0.47	
8654		50		19.01	19.01	2429.	165.	0.00	0.36		19.01	19.01	497.	10.	0.00	0.05	
8656		50		19.01	19.01	10720.	221.	0.09	0.97		19.01	19.01	0.	177.	0.00	0.22	
8657		50		19.01	19.01	6340.	178.	0.00	0.63		19.01	19.01	0.	150.	0.00	0.19	
8658		50		19.01	19.01	5658.	151.	0.00	0.55		19.01	19.01	0.	115.	0.00	0.14	
8660		50		19.01	19.01	18170.	162.	0.36	1.38		34.83	34.83	261.	-11.	0.01	0.01	
8661		50		19.01	19.01	10557.	132.	0.15	0.85		19.01	19.01	0.	71.	0.00	0.09	
8662		50		19.01	19.01	13253.	202.	0.19	1.11		19.01	19.01	1561.	-265.	0.07	0.06	
8724		50		19.01	19.01	703.	716.	0.00	0.94		34.83	34.83	7336.	255.	0.00	0.44	
8725		50		19.01	19.01	0.	584.	0.00	0.73		34.83	34.83	7713.	114.	0.07	0.36	
8726		50		19.01	19.01	0.	1026.	0.00	1.28		34.83	34.83	7335.	255.	0.00	0.44	
8727		50		36.14	36.14	0.	1302.	0.00	0.86		34.83	34.83	0.	1744.	0.00	1.19	
8728		50		36.14	36.14	0.	1074.	0.00	0.71		34.83	34.83	0.	1587.	0.00	1.08	
8730		50		36.14	36.14	0.	1409.	0.00	0.93		34.83	34.83	0.	1584.	0.00	1.08	
8732		50		19.01	19.01	1408.	653.	0.00	0.91		34.83	34.83	6657.	366.	0.00	0.49	
8733		50		19.01	19.01	1686.	670.	0.00	0.95		34.83	34.83	1477.	592.	0.00	0.46	
8734		50		19.01	19.01	571.	526.	0.00	0.70		34.83	34.83	5671.	268.	0.00	0.39	
8735		50		36.14	36.14	316.	1018.	0.00	0.68		34.83	34.83	0.	437.	0.00	0.30	
8736		50		36.14	36.14	367.	839.	0.00	0.57		34.83	34.83	0.	735.	0.00	0.50	
8738		50		36.14	36.14	0.	631.	0.00	0.42		34.83	34.83	0.	470.	0.00	0.32	
8739		50		36.14	36.14	0.	1870.	0.00	1.23		34.83	34.83	0.	1575.	0.00	1.08	
8740		50		36.14	36.14	0.	1548.	0.00	1.02		34.83	34.83	0.	1221.	0.00	0.83	
8741		50		36.14	36.14	0.	1155.	0.00	0.76		34.83	34.83	0.	463.	0.00	0.32	
8742		50		36.14	36.14	0.	911.	0.00	0.60		34.83	34.83	0.	579.	0.00	0.40	
8743		50		36.14	36.14	0.	1871.	0.00	1.23		34.83	34.83	0.	1700.	0.00	1.16	
8744		50		36.14	36.14	0.	1549.	0.00	1.02		34.83	34.83	0.	1669.	0.00	1.14	
8745		50		36.14	36.14	0.	1156.	0.00	0.76		34.83	34.83	0.	1001.	0.00	0.68	
8746		50		36.14	36.14	0.	946.	0.00	0.62		34.83	34.83	0.	441.	0.00	0.30	
8747		50		36.14	36.14	0.	1684.	0.00	1.11		34.83	34.83	0.	1550.	0.00	1.06	
8748		50		36.14	36.14	0.	1461.	0.00	0.96		34.83	34.83	0.	1387.	0.00	0.95	
8749		50		36.14	36.14	0.	1334.	0.00	0.88		34.83	34.83	0.	841.	0.00	0.57	
8750		50		36.14	36.14	0.	1686.	0.00	1.11		34.83	34.83	0.	1757.	0.00	1.20	
8751		50		36.14	36.14	0.	1462.	0.00	0.96		34.83	34.83	0.	1211.	0.00	0.83	
8752		50		36.14	36.14	0.	1336.	0.00	0.88		34.83	34.83	0.	795.	0.00	0.54	
8754		50		36.14	36.14	256.	2269.	0.00	1.50		34.83	34.83	0.	1587.	0.00	1.08	
8755		50		36.14	36.14	0.	1972.	0.00	1.30		34.83	34.83	860.	1999.	0.00	1.40	
8756		50		36.14	36.14	2734.	1357.	0.00	0.99		34.83	34.83	0.	1302.	0.00	0.89	
8757		50		36.14	36.14	0.	1180.	0.00	0.78		34.83	34.83	0.	2595.	0.00	1.77	
8903		50		19.01	19.01	438.	60.	0.00	0.10		34.83	34.83	0.	829.	0.00	0.57	
8904		50		19.01	19.01	101.	134.	0.00	0.17		34.83	34.83	2298.	636.	0.00	0.52	
8905		50		19.01	19.01	23.	331.	0.00	0.42		34.83	34.83	1836.	819.	0.00	0.63	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8947		50		19.01	19.01	0.	300.	0.00	0.38		19.01	19.01	1612.	417.	0.00	0.65	
8949		50		19.01	19.01	0.	444.	0.00	0.56		19.01	19.01	4370.	667.	0.00	1.13	
8950		50		19.01	19.01	0.	264.	0.00	0.33		19.01	19.01	4700.	592.	0.00	1.05	
8951		50		36.14	36.14	4979.	1080.	0.00	0.89		34.83	34.83	0.	2097.	0.00	1.43	
8952		50		36.14	36.14	4112.	1957.	0.00	1.44		34.83	34.83	0.	2019.	0.00	1.38	
8954		50		36.14	36.14	5191.	1176.	0.00	0.96		34.83	34.83	0.	2114.	0.00	1.44	
8955		50		36.14	19.01	2899.	602.	0.00	0.64		34.83	34.83	27628.	344.	0.37	1.23	
8956		50		19.01	19.01	1867.	563.	0.00	0.83		34.83	34.83	2784.	730.	0.00	0.90	
8957		50		19.01	19.01	2098.	761.	0.00	1.10		19.01	19.01	0.	796.	0.00	1.00	
8958		50		19.01	19.01	1645.	728.	0.00	1.02		19.01	19.01	0.	749.	0.00	0.94	
8959		50		19.01	19.01	2773.	539.	0.00	0.86		19.01	19.01	2998.	723.	0.00	1.11	
8960		50		36.14	19.01	0.	524.	0.00	0.48		34.83	34.83	31082.	354.	0.45	1.36	
8962		50		19.01	19.01	0.	530.	0.00	0.66		34.83	34.83	0.	1424.	0.00	1.54	
8963		50		19.01	19.01	0.	616.	0.00	0.77		19.01	19.01	0.	1147.	0.00	1.44	
8964		50		19.01	19.01	0.	445.	0.00	0.56		19.01	19.01	0.	880.	0.00	1.10	
8965		50		19.01	19.01	0.	275.	0.00	0.34		19.01	19.01	1969.	565.	0.00	0.85	
9474		50		36.14	36.14	0.	1908.	0.00	1.26		34.83	34.83	0.	1658.	0.00	1.13	
9475		50		36.14	36.14	0.	1680.	0.00	1.11		34.83	34.83	0.	1739.	0.00	1.19	
9476		50		36.14	36.14	0.	2031.	0.00	1.34		34.83	34.83	1852.	1922.	0.00	1.38	

GUSCI		spess		Af	Afc	SUPERIORE ORIZZONTALE				SUPERIORE VERTICALE							
						Mom	Nor	epsC	epsF		Af	Afc	Mom	Nor	epsC	epsF	
2118		50		19.01	19.01	228.	196.	0.00	0.26		19.01	19.01	314.	-128.	0.02	0.00	
2120		50		19.01	19.01	576.	144.	0.00	0.22		19.01	19.01	1154.	73.	0.00	0.17	
2121		50		19.01	19.01	1005.	176.	0.00	0.29		19.01	19.01	1138.	74.	0.00	0.17	
2122		50		19.01	19.01	711.	140.	0.00	0.22		19.01	19.01	1101.	199.	0.00	0.32	
2123		50		19.01	19.01	747.	91.	0.00	0.16		19.01	19.01	1111.	198.	0.00	0.32	
2124		50		19.01	19.01	846.	-100.	0.03	0.05		19.01	19.01	763.	263.	0.00	0.38	
2125		50		19.01	19.01	809.	-44.	0.02	0.05		19.01	19.01	763.	260.	0.00	0.37	
2126		50		19.01	19.01	989.	-65.	0.03	0.07		19.01	19.01	586.	254.	0.00	0.36	
2127		50		19.01	19.01	1053.	90.	0.00	0.19		19.01	19.01	588.	255.	0.00	0.36	
2128		50		19.01	19.01	1492.	57.	0.02	0.17		19.01	19.01	506.	389.	0.00	0.52	
2129		50		19.01	19.01	1302.	150.	0.00	0.32		19.01	19.01	507.	389.	0.00	0.52	
2132		50		19.01	19.01	123.	180.	0.00	0.23		19.01	19.01	26.	-39.	0.00	0.02	
2134		50		19.01	19.01	39.	58.	0.00	0.08		19.01	19.01	466.	40.	0.00	0.08	
2135		50		19.01	19.01	572.	120.	0.00	0.19		19.01	19.01	757.	66.	0.00	0.13	
2136		50		19.01	19.01	103.	61.	0.00	0.08		19.01	19.01	143.	98.	0.00	0.13	
2137		50		19.01	19.01	594.	178.	0.00	0.26		19.01	19.01	503.	93.	0.00	0.15	
2138		50		19.01	19.01	154.	168.	0.00	0.22		19.01	19.01	99.	188.	0.00	0.24	
2139		50		19.01	19.01	868.	158.	0.00	0.25		19.01	19.01	84.	172.	0.00	0.22	
2140		50		19.01	19.01	139.	223.	0.00	0.29		19.01	19.01	126.	246.	0.00	0.32	
2141		50		19.01	19.01	1100.	152.	0.00	0.26		19.01	19.01	300.	201.	0.00	0.27	
2145		50		19.01	19.01	141.	420.	0.00	0.54		19.01	19.01	288.	370.	0.00	0.48	
2146		50		19.01	19.01	814.	294.	0.00	0.42		19.01	19.01	821.	123.	0.00	0.21	
2147		50		19.01	19.01	11.	316.	0.00	0.40		19.01	19.01	1393.	144.	0.00	0.27	
2148		50		19.01	19.01	348.	285.	0.00	0.38		19.01	19.01	197.	93.	0.00	0.13	
2149		50		19.01	19.01	231.	216.	0.00	0.29		19.01	19.01	354.	72.	0.00	0.11	
2150		50		19.01	19.01	101.	224.	0.00	0.29		19.01	19.01	278.	137.	0.00	0.19	
2151		50		19.01	19.01	86.	136.	0.00	0.18		19.01	19.01	645.	84.	0.00	0.15	
2152		50		19.01	19.01	252.	166.	0.00	0.23		19.01	19.01	1086.	139.	0.00	0.26	
2153		50		19.01	19.01	132.	116.	0.00	0.15		19.01	19.01	1498.	221.	0.00	0.37	
2158		50		19.01	19.01	138.	441.	0.00	0.56		19.01	19.01	0.	200.	0.00	0.25	
2159		50		19.01	19.01	1167.	233.	0.00	0.37		19.01	19.01	0.	-134.	0.01	-0.01	
2160		50		19.01	19.01	1163.	263.	0.00	0.41		19.01	19.01	0.	-86.	0.01	0.05	
2161		50		19.01	19.01	24.	577.	0.00	0.72		19.01	19.01	783.	236.	0.00	0.35	
2162		50		19.01	19.01	359.	254.	0.00	0.34		19.01	19.01	1056.	-195.	0.05	0.08	
2163		50		19.01	19.01	1429.	151.	0.00	0.28		19.01	19.01	939.	-202.	0.04	0.03	
2164		50		19.01	19.01	806.	341.	0.00	0.48		19.01	19.01	367.	-144.	0.02	-0.01	
2165		50		19.01	19.01	313.	245.	0.00	0.33		19.01	19.01	448.	33.	0.00	0.07	
2166		50		19.01	19.01	487.	49.	0.01	0.09		19.01	19.01	611.	-263.	0.04	0.01	
2167		50		19.01	19.01	571.	37.	0.01	0.08		19.01	19.01	387.	-186.	0.03	-0.01	
2168		50		19.01	19.01	404.	158.	0.00	0.22		19.01	19.01	743.	-163.	0.04	0.03	
2169		50		19.01	19.01	398.	24.	0.01	0.06		19.01	19.01	1365.	-120.	0.04	0.07	
2170		50		19.01	19.01	105.	31.	0.00	0.05		19.01	19.01	335.	-107.	0.02	0.04	
2171		50		19.01	19.01	0.	89.	0.00	0.11		19.01	19.01	356.	-120.	0.02	0.03	
2172		50		19.01	19.01	0.	15.	0.00	0.02		19.01	19.01	121.	-193.	0.02	0.02	
2173		50		19.01	19.01	226.	66.	0.00	0.10		19.01	19.01	270.	-196.	0.03	0.03	
2174		50		19.01	19.01	299.	30.	0.00	0.06		19.01	19.01	3998.	3.	0.09	0.26	
2175		50		19.01	19.01	0.	72.	0.00	0.09		19.01	19.01	3908.	-1.	0.09	0.25	
2176		50		19.01	19.01	0.	-12.	0.00	0.00		19.01	19.01	3873.	-54.	0.10	0.24	
2177		50		19.01	19.01	162.	49.	0.00	0.07		19.01	19.01	3596.	-40.	0.09	0.27	
2179		50		19.01	19.01	0.	233.	0.00	0.29		19.01	19.01	0.	628.	0.00	0.79	
2180		50		19.01	19.01	0.	137.	0.00	0.17		19.01	19.01	0.	633.	0.00	0.79	
2181		50		19.01	19.01	5826.	166.	0.00	0.58		19.01	19.01	0.	617.	0.00	0.77	
2182		50		19.01	19.01	0.	278.	0.00	0.35		19.01	19.01	2446.	427.	0.00	0.69	
2183		50		19.01	19.01	0.	193.	0.00	0.24		19.01	19.01	2788.	451.	0.00	0.75	
2184		50		19.01	19.01	852.	141.	0.00	0.24		19.01	19.01	3184.	508.	0.00	0.84	
2185		50		19.01	19.01	4766.	72.	0.04	0.40		19.01	19.01	3530.	516.	0.00	0.88	
2186		50		19.01	19.01	0.	118.	0.00	0.15		19.01	19.01	2886.	476.	0.00	0.78	
2187		50		19.01	19.01	396.	183.	0.00	0.26		19.01	19.01	2754.	513.	0.00	0.82	
2188		50		19.01	19.01	1292.	125.	0.00	0.25		19.01	19.01	2632.	537.	0.00	0.85	
2189		50		19.01	19.01	3415.	56.	0.05	0.29		19.01	19.01	2474.	536.	0.00	0.83	
2190		50		19.01	19.01	671.	75.	0.00	0.15		19.01	19.01	2064.	497.	0.00	0.78	
2191		50		19.01	1												

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2199		50		19.01	19.01	407.	253.	0.00	0.34		19.01	19.01	0.	731.	0.00	0.92	
2201		50		19.01	19.01	1211.	323.	0.00	0.48		19.01	19.01	0.	717.	0.00	0.90	
2204		50		19.01	19.01	4747.	191.	0.00	0.58		19.01	19.01	3580.	617.	0.00	1.01	
2205		50		19.01	19.01	329.	432.	0.00	0.56		19.01	19.01	3696.	711.	0.00	1.14	
2206		50		19.01	19.01	2821.	251.	0.00	0.50		19.01	19.01	1992.	584.	0.00	0.86	
2207		50		19.01	19.01	1030.	180.	0.00	0.31		19.01	19.01	2508.	646.	0.00	0.98	
2208		50		19.01	19.01	1738.	141.	0.00	0.29		19.01	19.01	1016.	642.	0.00	0.87	
2209		50		19.01	19.01	451.	146.	0.00	0.21		19.01	19.01	871.	776.	0.00	1.03	
2210		50		19.01	19.01	745.	206.	0.00	0.31		19.01	19.01	706.	697.	0.00	0.92	
2211		50		19.01	19.01	67.	299.	0.00	0.38		19.01	19.01	562.	866.	0.00	1.12	
2212		50		19.01	19.01	536.	280.	0.00	0.39		19.01	19.01	0.	845.	0.00	1.06	
2213		50		19.01	19.01	21.	437.	0.00	0.55		19.01	19.01	0.	936.	0.00	1.17	
2215		50		19.01	19.01	485.	535.	0.00	0.70		19.01	19.01	0.	370.	0.00	0.46	
2216		50		19.01	19.01	0.	349.	0.00	0.44		19.01	19.01	0.	321.	0.00	0.40	
2217		50		19.01	19.01	0.	103.	0.00	0.13		19.01	19.01	0.	276.	0.00	0.35	
2218		50		19.01	19.01	9.	167.	0.00	0.21		19.01	19.01	0.	236.	0.00	0.29	
2219		50		19.01	19.01	0.	-52.	0.01	0.06		19.01	19.01	0.	192.	0.00	0.24	
2220		50		19.01	19.01	523.	22.	0.01	0.07		19.01	19.01	0.	265.	0.00	0.33	
2221		50		19.01	19.01	672.	56.	0.00	0.11		19.01	19.01	0.	194.	0.00	0.24	
2222		50		19.01	19.01	0.	-36.	0.00	0.00		19.01	19.01	669.	135.	0.00	0.21	
2223		50		19.01	19.01	571.	51.	0.01	0.10		19.01	19.01	655.	230.	0.00	0.33	
2224		50		19.01	19.01	606.	57.	0.00	0.11		19.01	19.01	685.	216.	0.00	0.32	
2225		50		19.01	19.01	209.	37.	0.00	0.06		19.01	19.01	1029.	193.	0.00	0.33	
2226		50		19.01	19.01	514.	125.	0.00	0.19		19.01	19.01	1385.	187.	0.00	0.35	
2227		50		19.01	19.01	361.	76.	0.00	0.12		19.01	19.01	1026.	234.	0.00	0.36	
2228		50		19.01	19.01	537.	70.	0.00	0.12		19.01	19.01	1439.	191.	0.00	0.36	
2229		50		19.01	19.01	511.	188.	0.00	0.27		19.01	19.01	1958.	127.	0.00	0.30	
2230		50		19.01	19.01	325.	149.	0.00	0.21		19.01	19.01	1782.	166.	0.00	0.32	
2231		50		19.01	19.01	524.	109.	0.00	0.18		19.01	19.01	1710.	170.	0.00	0.32	
3703		50		19.01	19.01	1051.	273.	0.00	0.41		19.01	19.01	0.	487.	0.00	0.61	
3704		50		19.01	19.01	3845.	285.	0.00	0.61		19.01	19.01	0.	584.	0.00	0.73	
3705		50		19.01	19.01	4928.	318.	0.00	0.72		19.01	19.01	0.	502.	0.00	0.63	
3707		50		19.01	19.01	0.	201.	0.00	0.25		19.01	19.01	0.	515.	0.00	0.64	
3713		50		19.01	19.01	661.	275.	0.00	0.39		19.01	19.01	90.	-43.	0.01	0.00	
3715		50		19.01	19.01	167.	280.	0.00	0.36		19.01	19.01	0.	-61.	0.01	-0.01	
3721		50		19.01	19.01	431.	407.	0.00	0.54		19.01	19.01	0.	334.	0.00	0.42	
3723		50		19.01	19.01	371.	468.	0.00	0.61		19.01	19.01	0.	11.	0.00	0.01	
3727		50		19.01	19.01	170.	324.	0.00	0.42		19.01	19.01	0.	-101.	0.01	-0.01	
3728		50		19.01	19.01	795.	192.	0.00	0.29		19.01	19.01	0.	-162.	0.02	-0.02	
3733		50		19.01	19.01	333.	490.	0.00	0.64		19.01	19.01	0.	-11.	0.00	0.00	
3737		50		19.01	19.01	0.	462.	0.00	0.58		19.01	19.01	0.	506.	0.00	0.63	
3742		50		19.01	19.01	802.	905.	0.00	1.19		19.01	19.01	141.	-75.	0.01	-0.01	
3743		50		19.01	19.01	444.	572.	0.00	0.75		19.01	19.01	0.	-51.	0.01	-0.01	
3744		50		19.01	19.01	577.	311.	0.00	0.43		19.01	19.01	0.	135.	0.00	0.17	
3745		50		19.01	19.01	0.	582.	0.00	0.73		19.01	19.01	0.	127.	0.00	0.16	
3746		50		19.01	19.01	0.	848.	0.00	1.06		19.01	19.01	0.	86.	0.00	0.11	
3747		50		19.01	19.01	0.	1212.	0.00	1.52		19.01	19.01	0.	456.	0.00	0.57	
3751		50		19.01	19.01	0.	1024.	0.00	1.28		19.01	19.01	0.	324.	0.00	0.41	
3755		50		19.01	19.01	0.	849.	0.00	1.06		19.01	19.01	0.	249.	0.00	0.31	
3757		50		19.01	19.01	423.	535.	0.00	0.70		19.01	19.01	0.	711.	0.00	0.89	
3758		50		19.01	19.01	0.	797.	0.00	1.00		19.01	19.01	0.	716.	0.00	0.90	
3759		50		19.01	19.01	1791.	395.	0.00	0.61		19.01	19.01	0.	316.	0.00	0.40	
3760		50		19.01	19.01	1243.	694.	0.02	0.95		19.01	19.01	989.	232.	0.00	0.35	
3761		50		19.01	19.01	344.	135.	0.00	0.19		19.01	19.01	307.	-128.	0.02	0.00	
3762		50		19.01	19.01	448.	246.	0.00	0.34		19.01	19.01	248.	-126.	0.02	0.00	
3763		50		19.01	19.01	465.	298.	0.00	0.40		19.01	19.01	0.	-27.	0.00	0.00	
3764		50		19.01	19.01	0.	267.	0.00	0.33		19.01	19.01	0.	28.	0.00	0.03	
3765		50		19.01	19.01	0.	179.	0.00	0.22		19.01	19.01	110.	-26.	0.01	0.00	
3766		50		19.01	19.01	0.	293.	0.00	0.37		19.01	19.01	284.	-27.	0.01	0.02	
3767		50		19.01	19.01	0.	348.	0.00	0.44		19.01	19.01	0.	430.	0.00	0.54	
3768		50		19.01	19.01	57.	477.	0.00	0.60		19.01	19.01	0.	228.	0.00	0.28	
3769		50		19.01	19.01	0.	480.	0.00	0.60		19.01	19.01	0.	617.	0.00	0.77	
3770		50		19.01	19.01	0.	466.	0.00	0.58		19.01	19.01	0.	286.	0.00	0.36	
3771		50		19.01	19.01	0.	642.	0.00	0.80		19.01	19.01	0.	101.	0.00	0.13	
3773		50		19.01	19.01	0.	645.	0.00	0.81		19.01	19.01	0.	8.	0.00	0.01	
3774		50		19.01	19.01	0.	531.	0.00	0.66		19.01	19.01	0.	346.	0.00	0.43	
3775		50		19.01	19.01	0.	743.	0.00	0.93		19.01	19.01	0.	-248.	0.03	-0.03	
3776		50		19.01	19.01	0.	534.	0.00	0.67		19.01	19.01	0.	331.	0.00	0.41	
3777		50		19.01	19.01	0.	485.	0.00	0.61		19.01	19.01	0.	481.	0.00	0.60	
3778		50		19.01	19.01	0.	375.	0.00	0.47		19.01	19.01	0.	459.	0.00	0.58	
3779		50		19.01	19.01	0.	370.	0.00	0.46		19.01	19.01	0.	692.	0.00	0.87	
3780		50		19.01	19.01	0.	51.	0.00	0.06		19.01	19.01	0.	603.	0.00	0.75	
3781		50		19.01	19.01	0.	521.	0.00	0.65		19.01	19.01	0.	513.	0.00	0.64	
3782		50		19.01	19.01	0.	226.	0.00	0.28		19.01	19.01	0.	826.	0.00	1.03	
3783		50		19.01	19.01	319.	230.	0.00	0.31		19.01	19.01	0.	267.	0.00	0.33	
3784		50		19.01	19.01	0.	107.	0.00	0.13		19.01	19.01	0.	399.	0.00	0.50	
3785		50		19.01	19.01	0.	161.	0.00	0.20		19.01	19.01	0.	433.	0.00	0.54	
3908		50		19.01	19.01	324.	171.	0.00	0.23		19.01	19.01	370.	9.	0.00	0.03	
3909		50		19.01	19.01	904.	117.	0.00	0.21		19.01	19.01	326.	38.	0.01	0.07	
3910		50		19.01	19.01	679.	206.	0.00	0.30		19.01	19.01	0.	241.	0.00	0.30	
3911		50		19.01	19.01	866.	237.	0.00	0.36		19.01	19.01	625.	217.	0.00	0.31	
3912		50		19.01	19.01	386.	128.	0.00	0.19		19.01	19.01	0.	-137.	0.02	-0.02	
3913		50		19.01	19.01	1134.	219.	0.00	0.35		19.01	19.01					

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5864		50		36.14	36.14	12475.	1759.	0.00	1.61		34.83	34.83	5287.	1817.	0.00	1.44	
5891		50		19.01	19.01	2914.	503.	0.00	0.82		34.83	34.83	1661.	254.	0.00	0.28	
5892		50		19.01	19.01	2675.	67.	0.00	0.26		19.01	19.01	2918.	-320.	0.10	0.18	
5893		50		36.14	19.01	0.	1079.	0.00	1.29		34.83	34.83	30743.	278.	0.46	1.31	
5894		50		19.01	19.01	422.	892.	0.00	1.15		34.83	34.83	2920.	313.	0.00	0.55	
5895		50		19.01	19.01	616.	197.	0.00	0.29		19.01	19.01	4507.	-31.	0.11	0.28	
5896		50		36.14	19.01	6787.	247.	0.00	0.80		34.83	34.83	31902.	129.	0.52	1.31	
5899		50		19.01	19.01	5763.	339.	0.00	0.80		34.83	34.83	3147.	371.	0.00	0.49	
5901		50		19.01	19.01	213.	156.	0.00	0.21		34.83	34.83	4936.	870.	0.00	0.77	
5902		50		19.01	19.01	5000.	341.	0.00	0.77		19.01	19.01	4835.	26.	0.10	0.35	
5904		50		19.01	19.01	96.	128.	0.00	0.17		19.01	19.01	4763.	211.	0.00	0.59	
5912		50		36.14	19.01	1681.	463.	0.00	0.69		34.83	34.83	16773.	1.	0.29	0.65	
5913		50		36.14	19.01	5185.	867.	0.00	1.45		34.83	34.83	18529.	-24.	0.33	0.66	
5914		50		19.01	19.01	731.	227.	0.00	0.33		34.83	34.83	4504.	360.	0.00	0.66	
5915		50		19.01	19.01	1431.	476.	0.00	0.69		34.83	34.83	5916.	484.	0.00	0.89	
5919		50		36.14	36.14	1363.	2053.	0.00	1.40		34.83	34.83	9444.	2030.	0.00	1.75	
5920		50		36.14	36.14	1090.	1374.	0.00	0.94		34.83	34.83	8891.	1841.	0.00	1.60	
5923		50		36.14	19.01	490.	869.	0.00	1.12		34.83	34.83	2676.	1607.	0.00	1.20	
5926		50		19.01	19.01	774.	275.	0.00	0.39		34.83	34.83	6143.	577.	0.00	0.82	
5927		50		36.14	36.14	1559.	1089.	0.00	0.77		34.83	34.83	14852.	684.	0.18	1.00	
5930		50		36.14	19.01	1610.	254.	0.03	0.25		34.83	34.83	7689.	90.	0.08	0.34	
5933		50		19.01	19.01	545.	149.	0.03	0.22		34.83	34.83	2153.	522.	0.00	0.43	
5951		50		19.01	19.01	0.	353.	0.00	0.44		34.83	34.83	3871.	117.	0.00	0.22	
5952		50		19.01	19.01	0.	386.	0.00	0.48		34.83	34.83	3868.	117.	0.00	0.22	
5965		50		36.14	36.14	1259.	2048.	0.00	1.39		34.83	34.83	382.	2341.	0.00	1.61	
5966		50		36.14	36.14	1657.	1940.	0.00	1.34		34.83	34.83	14273.	1098.	0.20	1.27	
5969		50		19.01	19.01	76.	280.	0.00	0.36		19.01	19.01	3885.	607.	0.00	1.02	
5970		50		19.01	19.01	0.	176.	0.00	0.22		19.01	19.01	159.	-631.	0.07	-0.06	
5971		50		19.01	19.01	0.	263.	0.00	0.33		19.01	19.01	160.	-631.	0.07	-0.06	
5972		50		19.01	19.01	0.	84.	0.00	0.10		19.01	19.01	0.	-597.	0.07	-0.07	
5973		50		19.01	19.01	0.	76.	0.00	0.10		19.01	19.01	0.	-596.	0.07	-0.07	
5976		50		19.01	19.01	615.	286.	0.00	0.40		19.01	19.01	3021.	125.	0.07	0.35	
5977		50		19.01	19.01	1743.	127.	0.00	0.27		19.01	19.01	2590.	-65.	0.07	0.24	
5978		50		19.01	19.01	3122.	242.	0.00	0.51		19.01	19.01	1783.	206.	0.06	0.37	
5980		50		19.01	19.01	1.	230.	0.00	0.29		19.01	19.01	2192.	550.	0.00	0.93	
5981		50		19.01	19.01	420.	427.	0.00	0.56		19.01	19.01	965.	220.	0.00	0.34	
5982		50		19.01	19.01	376.	291.	0.00	0.39		19.01	19.01	878.	225.	0.00	0.34	
5983		50		19.01	19.01	1215.	202.	0.00	0.33		19.01	19.01	513.	290.	0.00	0.40	
5987		50		19.01	19.01	0.	359.	0.00	0.45		19.01	19.01	0.	1345.	0.00	1.68	
5988		50		19.01	19.01	851.	490.	0.00	0.67		19.01	19.01	4311.	563.	0.00	0.99	
5990		50		19.01	19.01	0.	517.	0.00	0.65		19.01	19.01	1734.	878.	0.00	1.22	
5991		50		19.01	19.01	390.	472.	0.00	0.62		19.01	19.01	4140.	695.	0.00	1.15	
5992		50		19.01	19.01	4807.	327.	0.00	0.72		19.01	19.01	5317.	602.	0.00	1.11	
5995		50		19.01	19.01	323.	330.	0.00	0.43		19.01	19.01	1154.	824.	0.00	1.11	
5998		50		19.01	19.01	337.	318.	0.00	0.42		19.01	19.01	0.	1092.	0.00	1.37	
5999		50		19.01	19.01	0.	243.	0.00	0.30		19.01	19.01	63.	896.	0.00	1.13	
6000		50		19.01	19.01	0.	577.	0.00	0.72		19.01	19.01	0.	1158.	0.00	1.45	
6001		50		19.01	19.01	0.	289.	0.00	0.36		19.01	19.01	141.	969.	0.00	1.22	
6002		50		19.01	19.01	0.	327.	0.00	0.41		19.01	19.01	6.	889.	0.00	1.11	
6003		50		19.01	19.01	0.	303.	0.00	0.38		19.01	19.01	670.	723.	0.00	0.95	
6004		50		19.01	19.01	0.	278.	0.00	0.35		19.01	19.01	15.	723.	0.00	0.91	
6005		50		19.01	19.01	197.	110.	0.00	0.15		19.01	19.01	76.	595.	0.00	0.75	
6006		50		19.01	19.01	2725.	76.	0.00	0.27		19.01	19.01	1266.	565.	0.00	0.79	
6007		50		19.01	19.01	4703.	124.	0.00	0.46		19.01	19.01	85.	443.	0.00	0.56	
6009		50		19.01	19.01	366.	282.	0.00	0.38		19.01	19.01	3692.	696.	0.00	1.12	
6011		50		19.01	19.01	365.	370.	0.00	0.49		19.01	19.01	3760.	980.	0.00	1.49	
6012		50		19.01	19.01	253.	484.	0.00	0.62		19.01	19.01	3760.	980.	0.00	1.49	
6013		50		19.01	19.01	0.	535.	0.00	0.67		19.01	19.01	2189.	458.	0.00	0.72	
6016		50		19.01	19.01	0.	734.	0.00	0.92		19.01	19.01	2520.	650.	0.00	0.98	
6019		50		19.01	19.01	366.	637.	0.00	0.82		19.01	19.01	0.	873.	0.00	1.09	
6020		50		19.01	19.01	0.	414.	0.00	0.52		19.01	19.01	0.	787.	0.00	0.98	
6021		50		19.01	19.01	0.	455.	0.00	0.57		19.01	19.01	0.	778.	0.00	0.97	
6025		50		19.01	19.01	1198.	457.	0.00	0.65		19.01	19.01	1697.	319.	0.00	0.51	
6026		50		19.01	19.01	1131.	836.	0.00	1.13		19.01	19.01	1297.	304.	0.00	0.46	
6027		50		19.01	19.01	641.	331.	0.00	0.46		19.01	19.01	412.	353.	0.00	0.47	
6029		50		19.01	19.01	605.	319.	0.00	0.44		19.01	19.01	2125.	14.	0.03	0.27	
6030		50		19.01	19.01	500.	240.	0.00	0.33		19.01	19.01	2530.	206.	0.00	0.42	
6032		50		19.01	19.01	0.	740.	0.00	0.93		19.01	19.01	308.	326.	0.00	0.43	
6034		50		19.01	19.01	359.	463.	0.00	0.60		19.01	19.01	327.	245.	0.00	0.33	
6040		50		19.01	19.01	245.	236.	0.00	0.31		19.01	19.01	450.	246.	0.00	0.34	
6043		50		19.01	19.01	0.	366.	0.00	0.46		19.01	19.01	231.	259.	0.00	0.34	
6044		50		19.01	19.01	213.	353.	0.00	0.46		19.01	19.01	808.	419.	0.00	0.58	
6045		50		19.01	19.01	733.	330.	0.00	0.46		19.01	19.01	325.	253.	0.00	0.34	
6046		50		19.01	19.01	124.	784.	0.00	0.99		19.01	19.01	1090.	186.	0.00	0.30	
6047		50		19.01	19.01	624.	311.	0.00	0.43		19.01	19.01	158.	204.	0.00	0.27	
6049		50		19.01	19.01	76.	511.	0.00	0.65		19.01	19.01	717.	165.	0.00	0.25	
6050		50		19.01	19.01	0.	1022.	0.00	1.28		19.01	19.01	548.	142.	0.00	0.21	
6052		50		19.01	19.01	0.	1147.	0.00	1.44		19.01	19.01	625.	174.	0.00	0.26	
6053		50		19.01	19.01	0.	672.	0.00	0.84		19.01	19.01	1254.	228.	0.00	0.37	
6056		50		19.01	19.01	329.	117.	0.00	0.17		19.01	19.01	0.	-17.	0.00	0.00	
6057		50		19.01	19.01	256.	67.	0.00	0.10		19.01	19.01	0.	-25.	0.00	0.00	
6058		50		19.01	19.01	0.	401.	0.00	0.50								

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6075		50		19.01	19.01	0.	217.	0.00	0.27		19.01	19.01	0.	598.	0.00	0.75	
6076		50		19.01	19.01	0.	219.	0.00	0.27		19.01	19.01	0.	478.	0.00	0.60	
6077		50		19.01	19.01	0.	194.	0.00	0.24		19.01	19.01	0.	463.	0.00	0.58	
6078		50		19.01	19.01	0.	188.	0.00	0.24		19.01	19.01	0.	520.	0.00	0.65	
6079		50		19.01	19.01	841.	446.	0.00	0.61		19.01	19.01	2374.	136.	0.00	0.32	
6080		50		19.01	19.01	663.	363.	0.00	0.50		19.01	19.01	1753.	46.	0.00	0.17	
6082		50		19.01	19.01	934.	398.	0.00	0.56		19.01	19.01	1879.	73.	0.00	0.21	
6083		50		19.01	19.01	445.	590.	0.00	0.77		19.01	19.01	1851.	194.	0.00	0.36	
6084		50		19.01	19.01	423.	454.	0.00	0.60		19.01	19.01	1158.	150.	0.00	0.26	
6086		50		19.01	19.01	1181.	806.	0.00	1.09		19.01	19.01	1699.	61.	0.00	0.19	
6087		50		19.01	19.01	0.	488.	0.00	0.61		19.01	19.01	558.	105.	0.00	0.17	
6088		50		19.01	19.01	0.	588.	0.00	0.74		19.01	19.01	1026.	28.	0.00	0.10	
6089		50		19.01	19.01	1.	695.	0.00	0.87		19.01	19.01	642.	65.	0.00	0.12	
6091		50		19.01	19.01	0.	417.	0.00	0.52		19.01	19.01	313.	-2.	0.01	0.02	
6092		50		19.01	19.01	127.	407.	0.00	0.52		19.01	19.01	554.	72.	0.00	0.13	
6094		50		19.01	19.01	0.	317.	0.00	0.40		19.01	19.01	566.	75.	0.00	0.13	
6095		50		19.01	19.01	72.	467.	0.00	0.59		19.01	19.01	353.	223.	0.00	0.30	
6096		50		19.01	19.01	0.	324.	0.00	0.41		19.01	19.01	215.	227.	0.00	0.30	
6098		50		19.01	19.01	483.	401.	0.00	0.53		19.01	19.01	0.	331.	0.00	0.41	
6099		50		19.01	19.01	0.	1046.	0.00	1.31		19.01	19.01	203.	239.	0.00	0.31	
6100		50		19.01	19.01	0.	989.	0.00	1.24		19.01	19.01	142.	212.	0.00	0.28	
6103		50		19.01	19.01	208.	590.	0.00	0.75		19.01	19.01	0.	353.	0.00	0.44	
6104		50		19.01	19.01	0.	712.	0.00	0.89		19.01	19.01	0.	373.	0.00	0.47	
6105		50		19.01	19.01	0.	681.	0.00	0.85		19.01	19.01	0.	439.	0.00	0.55	
6107		50		19.01	19.01	1110.	204.	0.00	0.33		19.01	19.01	1.	222.	0.00	0.28	
6108		50		19.01	19.01	220.	176.	0.00	0.23		19.01	19.01	0.	183.	0.00	0.23	
6109		50		19.01	19.01	430.	230.	0.00	0.32		19.01	19.01	0.	282.	0.00	0.35	
6111		50		19.01	19.01	292.	375.	0.00	0.49		19.01	19.01	89.	291.	0.00	0.37	
6112		50		19.01	19.01	324.	393.	0.00	0.51		19.01	19.01	2.	171.	0.00	0.21	
6113		50		19.01	19.01	260.	143.	0.00	0.20		19.01	19.01	85.	235.	0.00	0.30	
6114		50		19.01	19.01	0.	826.	0.00	1.03		19.01	19.01	0.	-2.	0.00	0.00	
6115		50		19.01	19.01	399.	494.	0.00	0.64		19.01	19.01	0.	-28.	0.00	0.00	
6117		50		19.01	19.01	0.	500.	0.00	0.63		19.01	19.01	0.	42.	0.00	0.05	
6118		50		19.01	19.01	233.	229.	0.00	0.30		19.01	19.01	0.	-5.	0.00	0.00	
6120		50		19.01	19.01	92.	121.	0.00	0.16		19.01	19.01	0.	-4.	0.00	0.00	
6121		50		19.01	19.01	0.	948.	0.00	1.19		19.01	19.01	0.	-10.	0.00	0.00	
6122		50		19.01	19.01	0.	584.	0.00	0.73		19.01	19.01	0.	37.	0.00	0.05	
6124		50		19.01	19.01	376.	480.	0.00	0.63		19.01	19.01	0.	-4.	0.00	0.00	
6125		50		19.01	19.01	0.	438.	0.00	0.55		19.01	19.01	400.	48.	0.00	0.09	
6126		50		19.01	19.01	0.	604.	0.00	0.76		19.01	19.01	180.	87.	0.00	0.12	
6128		50		19.01	19.01	0.	1116.	0.00	1.40		19.01	19.01	0.	50.	0.00	0.06	
6130		50		19.01	19.01	0.	400.	0.00	0.50		19.01	19.01	0.	559.	0.00	0.70	
6131		50		19.01	19.01	212.	704.	0.00	0.90		19.01	19.01	0.	462.	0.00	0.58	
6132		50		19.01	19.01	0.	519.	0.00	0.65		19.01	19.01	0.	543.	0.00	0.68	
6133		50		19.01	19.01	0.	339.	0.00	0.42		19.01	19.01	92.	36.	0.00	0.05	
6134		50		19.01	19.01	97.	17.	0.00	0.03		19.01	19.01	163.	283.	0.00	0.36	
6136		50		19.01	19.01	85.	582.	0.00	0.73		19.01	19.01	234.	95.	0.00	0.13	
6138		50		19.01	19.01	963.	403.	0.00	0.57		19.01	19.01	0.	273.	0.00	0.34	
6139		50		19.01	19.01	678.	98.	0.00	0.17		19.01	19.01	0.	296.	0.00	0.37	
6140		50		19.01	19.01	0.	135.	0.00	0.17		19.01	19.01	0.	489.	0.00	0.61	
6141		50		19.01	19.01	0.	494.	0.00	0.62		19.01	19.01	0.	550.	0.00	0.69	
6142		50		19.01	19.01	0.	292.	0.00	0.37		19.01	19.01	0.	669.	0.00	0.84	
6144		50		19.01	19.01	0.	535.	0.00	0.67		19.01	19.01	0.	655.	0.00	0.82	
6146		50		19.01	19.01	863.	340.	0.00	0.48		19.01	19.01	0.	668.	0.00	0.84	
6148		50		19.01	19.01	4731.	279.	0.00	0.66		19.01	19.01	0.	565.	0.00	0.71	
6149		50		19.01	19.01	0.	594.	0.00	0.74		19.01	19.01	0.	679.	0.00	0.85	
6150		50		19.01	19.01	0.	50.	0.00	0.06		19.01	19.01	0.	635.	0.00	0.80	
6152		50		19.01	19.01	0.	465.	0.00	0.58		19.01	19.01	0.	657.	0.00	0.82	
6153		50		19.01	19.01	405.	301.	0.00	0.40		19.01	19.01	482.	494.	0.00	0.65	
6154		50		19.01	19.01	251.	488.	0.00	0.63		19.01	19.01	487.	505.	0.00	0.66	
6155		50		19.01	19.01	0.	806.	0.00	1.01		19.01	19.01	466.	443.	0.00	0.59	
6156		50		19.01	19.01	1791.	396.	0.00	0.61		19.01	19.01	940.	208.	0.00	0.32	
6157		50		19.01	19.01	1218.	686.	0.02	0.94		19.01	19.01	119.	600.	0.00	0.76	
6158		50		19.01	19.01	516.	305.	0.00	0.42		19.01	19.01	0.	664.	0.00	0.83	
6159		50		19.01	19.01	216.	246.	0.00	0.32		19.01	19.01	0.	617.	0.00	0.77	
6160		50		19.01	19.01	517.	591.	0.00	0.77		19.01	19.01	0.	688.	0.00	0.86	
6167		50		36.14	36.14	2403.	2182.	0.00	1.52		34.83	34.83	6253.	1706.	0.00	1.40	
6168		50		36.14	36.14	3993.	1791.	0.00	1.33		34.83	34.83	6279.	1641.	0.00	1.36	
6169		50		36.14	36.14	2151.	2028.	0.00	1.41		34.83	34.83	7404.	1629.	0.00	1.39	
6171		50		36.14	36.14	2280.	432.	0.00	0.36		34.83	34.83	6886.	610.	0.00	0.67	
6172		50		36.14	36.14	4235.	1193.	0.00	0.94		34.83	34.83	4783.	652.	0.00	0.62	
6173		50		36.14	36.14	1436.	1360.	0.00	0.95		34.83	34.83	5473.	969.	0.00	0.86	
6181		50		36.14	36.14	0.	1126.	0.00	0.74		34.83	34.83	7028.	1107.	0.00	1.01	
6182		50		36.14	36.14	0.	1118.	0.00	0.74		34.83	34.83	16009.	872.	0.00	1.18	
6184		50		36.14	36.14	0.	1225.	0.00	0.81		34.83	34.83	5590.	769.	0.00	0.73	
6185		50		36.14	36.14	0.	1436.	0.00	0.95		34.83	34.83	2537.	1126.	0.00	0.86	
6186		50		36.14	36.14	0.	1283.	0.00	0.84		34.83	34.83	2617.	551.	0.00	0.47	
6188		50		36.14	36.14	0.	1551.	0.00	1.02		34.83	34.83	4116.	1145.	0.00	0.93	
6197		50		19.01	19.01	0.	56.	0.00	0.07		19.01	19.01	0.	-563.	0.06	-0.06	
6198		50		19.01	19.01	0.	61.	0.00	0.08		19.01	19.01	0.	-272.	0.03	-0.03	
6199		50		19.01	19.01	0.	58.	0.00	0.07		19.01	19.01	0.	-499.	0.06	-0.06	
6201		50		19.01	19.01	0.	64.	0.00	0.08		19.01	19.01	0.	-563.	0.06	-0.06	
6203		50		19.01	19.01	96.	92.	0.00	0.12								

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6224		50		19.01	19.01	3814.	368.	0.00	0.71		19.01	19.01	4103.	604.	0.00	1.03	
6233		50		19.01	19.01	4867.	781.	0.00	1.31		34.83	34.83	3127.	704.	0.00	0.59	
6235		50		19.01	19.01	4775.	698.	0.00	1.19		19.01	19.01	5185.	612.	0.00	1.11	
6236		50		19.01	19.01	4542.	691.	0.00	1.17		34.83	34.83	6027.	484.	0.00	0.55	
6241		50		36.14	36.14	0.	2026.	0.00	1.33		34.83	34.83	0.	2641.	0.00	1.80	
6242		50		36.14	36.14	0.	1963.	0.00	1.29		34.83	34.83	0.	2192.	0.00	1.50	
6243		50		36.14	36.14	0.	1445.	0.00	0.95		34.83	34.83	0.	2516.	0.00	1.72	
6244		50		19.01	19.01	4178.	239.	0.00	0.57		19.01	19.01	349.	180.	0.00	0.27	
6245		50		19.01	19.01	15584.	-23.	0.37	0.99		19.01	19.01	1434.	128.	0.00	0.25	
6246		50		19.01	19.01	3395.	-34.	0.08	0.21		19.01	19.01	757.	111.	0.00	0.21	
6247		50		19.01	19.01	12401.	-180.	0.31	0.70		19.01	19.01	1385.	101.	0.00	0.22	
6248		50		19.01	19.01	3083.	21.	0.05	0.23		19.01	19.01	1343.	108.	0.00	0.22	
6249		50		19.01	19.01	8247.	-94.	0.21	0.56		19.01	19.01	1775.	155.	0.00	0.31	
6250		50		19.01	19.01	2107.	141.	0.00	0.32		19.01	19.01	1126.	210.	0.00	0.34	
6251		50		19.01	19.01	5451.	135.	0.07	0.52		19.01	19.01	1438.	233.	0.00	0.38	
6252		50		19.01	19.01	1661.	213.	0.00	0.37		19.01	19.01	1167.	224.	0.00	0.36	
6253		50		19.01	19.01	3319.	196.	0.00	0.48		19.01	19.01	1249.	264.	0.00	0.41	
6254		50		19.01	19.01	1271.	231.	0.00	0.37		19.01	19.01	1131.	202.	0.00	0.33	
6255		50		19.01	19.01	1941.	276.	0.00	0.47		19.01	19.01	1061.	234.	0.00	0.36	
8630		50		19.01	19.01	0.	722.	0.00	0.90		19.01	19.01	0.	537.	0.00	0.67	
8631		50		19.01	19.01	0.	1339.	0.00	1.68		19.01	19.01	0.	326.	0.00	0.41	
8632		50		19.01	19.01	0.	954.	0.00	1.19		19.01	19.01	0.	431.	0.00	0.54	
8633		50		19.01	19.01	1590.	329.	0.00	0.51		19.01	19.01	678.	78.	0.00	0.14	
8634		50		19.01	19.01	0.	301.	0.00	0.38		19.01	19.01	634.	135.	0.00	0.21	
8636		50		19.01	19.01	457.	35.	0.00	0.07		19.01	19.01	506.	116.	0.00	0.18	
8637		50		19.01	19.01	417.	259.	0.00	0.35		19.01	19.01	331.	301.	0.00	0.40	
8638		50		19.01	19.01	500.	200.	0.00	0.29		19.01	19.01	674.	120.	0.00	0.19	
8639		50		19.01	19.01	548.	125.	0.00	0.19		19.01	19.01	871.	206.	0.00	0.31	
8640		50		19.01	19.01	656.	60.	0.00	0.12		19.01	19.01	0.	72.	0.00	0.09	
8641		50		19.01	19.01	243.	156.	0.00	0.21		19.01	19.01	1129.	260.	0.00	0.40	
8642		50		19.01	19.01	714.	53.	0.00	0.11		19.01	19.01	193.	130.	0.00	0.17	
8643		50		19.01	19.01	210.	218.	0.00	0.29		19.01	19.01	0.	131.	0.00	0.16	
8644		50		19.01	19.01	912.	294.	0.00	0.43		19.01	19.01	2549.	227.	0.00	0.45	
8645		50		19.01	19.01	721.	260.	0.00	0.37		19.01	19.01	1938.	341.	0.00	0.55	
8646		50		19.01	19.01	594.	263.	0.00	0.37		19.01	19.01	2089.	256.	0.00	0.46	
8648		50		19.01	19.01	2144.	185.	0.00	0.37		19.01	19.01	829.	293.	0.00	0.42	
8649		50		19.01	19.01	1621.	204.	0.00	0.36		19.01	19.01	1817.	574.	0.00	0.84	
8650		50		19.01	19.01	1256.	308.	0.00	0.47		19.01	19.01	2942.	523.	0.00	0.85	
8652		50		19.01	19.01	4323.	149.	0.00	0.47		19.01	19.01	18.	-103.	0.01	-0.01	
8653		50		19.01	19.01	3332.	138.	0.00	0.39		19.01	19.01	1162.	323.	0.00	0.48	
8654		50		19.01	19.01	2675.	165.	0.00	0.38		19.01	19.01	411.	10.	0.00	0.04	
8656		50		19.01	19.01	9631.	221.	0.05	0.90		19.01	19.01	4145.	177.	0.00	0.49	
8657		50		19.01	19.01	5783.	178.	0.00	0.60		19.01	19.01	3084.	150.	0.00	0.39	
8658		50		19.01	19.01	5430.	151.	0.00	0.54		19.01	19.01	2395.	115.	0.00	0.30	
8660		50		19.01	19.01	15800.	162.	0.29	1.23		34.83	34.83	5787.	-11.	0.10	0.21	
8661		50		19.01	19.01	9174.	132.	0.11	0.76		19.01	19.01	3468.	71.	0.00	0.31	
8662		50		19.01	19.01	12001.	202.	0.14	1.03		19.01	19.01	0.	-265.	0.03	-0.03	
8724		50		19.01	19.01	0.	716.	0.00	0.90		34.83	34.83	10568.	255.	0.04	0.56	
8725		50		19.01	19.01	2682.	584.	0.00	0.91		34.83	34.83	12085.	114.	0.15	0.51	
8726		50		19.01	19.01	2286.	1026.	0.00	1.44		34.83	34.83	10569.	255.	0.05	0.56	
8727		50		36.14	36.14	4219.	1302.	0.00	1.01		34.83	34.83	14799.	1744.	0.00	1.75	
8728		50		36.14	36.14	1031.	1074.	0.00	0.74		34.83	34.83	15387.	1587.	0.00	1.67	
8730		50		36.14	36.14	2616.	1409.	0.00	1.02		34.83	34.83	15594.	1584.	0.00	1.67	
8732		50		19.01	19.01	1133.	653.	0.00	0.89		34.83	34.83	28568.	366.	0.39	1.28	
8733		50		19.01	19.01	3657.	670.	0.00	1.08		34.83	34.83	18165.	592.	0.07	1.06	
8734		50		19.01	19.01	1639.	526.	0.00	0.77		34.83	34.83	29351.	268.	0.43	1.24	
8735		50		36.14	36.14	5198.	1018.	0.00	0.85		34.83	34.83	7468.	437.	0.00	0.57	
8736		50		36.14	36.14	2074.	839.	0.00	0.62		34.83	34.83	10306.	735.	0.00	0.87	
8738		50		36.14	36.14	1735.	631.	0.00	0.48		34.83	34.83	10873.	470.	0.00	0.71	
8739		50		36.14	36.14	3104.	1870.	0.00	1.34		34.83	34.83	9591.	1425.	0.00	1.38	
8740		50		36.14	36.14	2945.	1548.	0.00	1.13		34.83	34.83	11921.	1109.	0.00	1.24	
8741		50		36.14	36.14	2789.	1141.	0.00	0.85		34.83	34.83	11622.	463.	0.16	0.74	
8742		50		36.14	36.14	2346.	911.	0.00	0.68		34.83	34.83	6543.	579.	0.09	0.63	
8743		50		36.14	36.14	3194.	1871.	0.00	1.35		34.83	34.83	15075.	1696.	0.00	1.73	
8744		50		36.14	36.14	2948.	1548.	0.00	1.13		34.83	34.83	14670.	1669.	0.00	1.70	
8745		50		36.14	36.14	2730.	1142.	0.00	0.85		34.83	34.83	12180.	1001.	0.00	1.13	
8746		50		36.14	36.14	2314.	883.	0.00	0.68		34.83	34.83	14329.	388.	0.06	0.78	
8747		50		36.14	36.14	1297.	1684.	0.00	1.16		34.83	34.83	8550.	1447.	0.00	1.32	
8748		50		36.14	36.14	1344.	1454.	0.00	1.01		34.83	34.83	11004.	1301.	0.00	1.32	
8749		50		36.14	36.14	2128.	1285.	0.00	0.93		34.83	34.83	15213.	841.	0.18	1.13	
8750		50		36.14	36.14	1324.	1686.	0.00	1.16		34.83	34.83	9435.	1622.	0.00	1.51	
8751		50		36.14	36.14	1350.	1454.	0.00	1.01		34.83	34.83	9814.	1211.	0.00	1.19	
8752		50		36.14	36.14	2088.	1287.	0.00	0.94		34.83	34.83	14242.	795.	0.07	1.06	
8754		50		36.14	36.14	1215.	2269.	0.00	1.54		34.83	34.83	9291.	1587.	0.00	1.44	
8755		50		36.14	36.14	9338.	1639.	0.00	1.52		34.83	34.83	7952.	1880.	0.00	1.59	
8756		50		36.14	36.14	1001.	1357.	0.00	0.93		34.83	34.83	15261.	1098.	0.00	1.37	
8903		50		19.01	19.01	775.	60.	0.00	0.12		34.83	34.83	6662.	829.	0.00	0.81	
8904		50		19.01	19.01	427.	134.	0.00	0.20		34.83	34.83	7498.	636.	0.00	0.71	
8905		50		19.01	19.01	774.	331.	0.00	0.47		34.83	34.83	12868.	819.	0.00	1.03	
8911		50		19.01	19.01	947.	81.	0.00	0.16		34.83	34.83	13923.	111.	0.19	0.58	
8912		50		19.01	19.01	826.	67.	0.00	0.14		34.						

8951		50		36.14	36.14	0.	1080.	0.00	0.71		34.83	34.83	6144.	2097.	0.00	1.67	
8952		50		36.14	36.14	0.	1957.	0.00	1.29		34.83	34.83	8276.	2019.	0.00	1.69	
8954		50		36.14	36.14	0.	1176.	0.00	0.77		34.83	34.83	8159.	2114.	0.00	1.75	
8955		50		36.14	19.01	1697.	602.	0.00	0.60		34.83	34.83	16625.	666.	0.00	1.06	
8956		50		19.01	19.01	2431.	563.	0.00	0.87		34.83	34.83	2744.	944.	0.00	0.95	
8957		50		19.01	19.01	3701.	668.	0.00	1.08		19.01	19.01	3008.	796.	0.00	1.20	
8958		50		19.01	19.01	4243.	660.	0.00	1.11		19.01	19.01	2955.	749.	0.00	1.14	
8959		50		19.01	19.01	4250.	512.	0.00	0.92		19.01	19.01	879.	682.	0.00	0.92	
8960		50		36.14	19.01	15785.	231.	0.26	1.31		34.83	34.83	23807.	1064.	0.29	1.60	
8962		50		19.01	19.01	17525.	312.	0.30	1.53		34.83	34.83	3874.	1424.	0.00	1.76	
8963		50		19.01	19.01	16799.	528.	0.28	1.77		19.01	19.01	3395.	1147.	0.00	1.67	
8964		50		19.01	19.01	16330.	366.	0.25	1.52		19.01	19.01	3810.	880.	0.00	1.37	
8965		50		19.01	19.01	16787.	201.	0.30	1.34		19.01	19.01	3112.	579.	0.00	0.94	
9474		50		36.14	36.14	1410.	1908.	0.00	1.31		34.83	34.83	5470.	1658.	0.00	1.34	
9475		50		36.14	36.14	1253.	1680.	0.00	1.15		34.83	34.83	3559.	1739.	0.00	1.32	
9476		50		36.14	36.14	1230.	2031.	0.00	1.38		34.83	34.83	2497.	1922.	0.00	1.41	

MACROGUSCIO P8 _____

VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
13	Rara 1 (RARA)
14	Rara 2 (RARA)
15	Frequente 1 (FREQUENTE)
16	Frequente 2 (FREQUENTE)
17	Quasi Perm (QUASI PERMANENTE)

DATI:

copriferro inferiore (asse armatura): 7 cm
 copriferro superiore (asse armatura): 7 cm

Af = area effettiva tesa (cm2 al metro)

Afc = area effettiva compressa (cm2 al metro)

Mom = momento flettente [daNcm/cm]

Nor = sforzo normale [daN]

sigC = tensione calcestruzzo [daN/cm2]

valore max per combinazione rara = 174.3 daN/cm2

'' '' '' '' quasi permanente = 130.7 daN/cm2

sigF = tensione acciaio [daN/cm2]

valore max per combinazione rara = 3600 daN/cm2

wkF = apertura caratteristica per combinazione frequente (mm) - valore max = 0.3 mm

wkP = '' '' '' '' quasi permanente (mm) - '' '' = 0.2 mm

<-

ARMATURA INFERIORE ORIZZONTALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE								
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
2118		19.01	19.01		0.	-89	1.59	-24.		0.	-33	0.000		0.	-17	0.30	0.000	
2120		19.01	19.01		0.	14	0.00	38.		0.	39	0.016		0.	33	0.00	0.013	
2121		19.01	19.01		0.	-35	0.63	-9.		0.	3	0.001		0.	7	0.00	0.003	
2122		19.01	19.01		0.	18	0.00	46.		0.	7	0.003		0.	7	0.00	0.003	
2123		19.01	19.01		0.	21	0.00	56.		0.	64	0.026		0.	63	0.00	0.025	
2124		19.01	19.01		0.	-38	0.68	-10.		0.	-68	0.000		0.	-68	1.22	0.000	
2125		19.01	19.01		0.	4	0.00	10.		0.	-15	0.000		0.	-15	0.27	0.000	
2126		19.01	19.01		0.	-47	0.85	-13.		0.	-59	0.000		0.	-59	1.05	0.000	
2127		19.01	19.01		10	14	0.00	37.		0.	50	0.020		0.	50	0.00	0.020	
2128		19.01	19.01		0.	-98	1.76	-26.		0.	-21	0.000		0.	-20	0.37	0.000	
2129		19.01	19.01		54	55	0.00	152.		121	113	0.046		121	113	0.00	0.045	
2132		19.01	19.01		0.	-102	1.83	-27.		0.	-18	0.000		0.	-44	0.79	0.000	
2134		19.01	19.01		43	-9	0.25	-1.		0.	-8	0.000		18	-1	0.06	0.000	
2135		19.01	19.01		104	-14	0.46	-1.		0.	-11	0.000		0.	9	0.00	0.003	
2136		19.01	19.01		133	4	0.40	28.		0.	-4	0.000		0.	0.	0.00	0.000	
2137		19.01	19.01		0.	-6	0.11	-2.		0.	-11	0.000		0.	10	0.00	0.004	
2138		19.01	19.01		118	12	0.00	48.		34	-2	0.000		10	-1	0.04	0.000	
2139		19.01	19.01		0.	11	0.00	30.		0.	-9	0.000		0.	0.	0.00	0.000	
2140		19.01	19.01		115	16	0.00	59.		39	1	0.001		33	-2	0.12	0.000	
2141		19.01	19.01		0.	28	0.00	74.		0.	-9	0.000		0.	-7	0.13	0.000	
2145		19.01	19.01		21	0.	0.08	2.		15	62	0.025		13	61	0.00	0.024	
2146		19.01	19.01		345	-15	1.22	14.		0.	55	0.022		0.	76	0.00	0.030	
2147		19.01	19.01		141	8	0.23	42.		202	65	0.027		201	66	0.00	0.027	
2148		19.01	19.01		288	-4	1.05	29.		108	51	0.021		89	84	0.00	0.034	
2149		19.01	19.01		105	16	0.00	58.		164	38	0.016		163	39	0.00	0.016	
2150		19.01	19.01		255	8	0.75	57.		96	53	0.022		68	78	0.00	0.031	
2151		19.01	19.01		65	17	0.00	54.		16	29	0.012		9	25	0.00	0.010	
2152		19.01	19.01		252	15	0.45	75.		196	50	0.021		182	63	0.00	0.026	
2153		19.01	19.01		107	18	0.00	64.		47	26	0.011		31	20	0.00	0.008	
2158		19.01	19.01		0.	-37	0.66	-10.		5	-5	0.000		0.	-8	0.14	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2159		19.01		19.01		232	-28	0.97	-2.1		120	-17	0.000		7	19	0.00	0.007	
2160		19.01		19.01		247	-24	0.94	-1.1		130	-8	0.000		12	25	0.00	0.010	
2161		19.01		19.01		66	-27	0.61	-6.1		70	-20	0.000		43	15	0.00	0.006	
2162		19.01		19.01		70	-1	0.26	6.1		88	1	0.001		103	5	0.25	0.003	
2163		19.01		19.01		584	2	2.07	84.1		428	11	0.008		277	20	0.22	0.010	
2164		19.01		19.01		587	-6	2.14	66.1		446	5	0.007		310	17	0.59	0.009	
2165		19.01		19.01		284	-4	1.04	29.1		283	1	0.004		286	7	0.90	0.005	
2166		19.01		19.01		50	0.	0.18	7.1		24	-1	0.000		49	-3	0.17	0.000	
2167		19.01		19.01		571	-20	2.06	32.1		481	-19	0.002		405	-5	1.48	0.003	
2168		19.01		19.01		709	-22	2.57	44.1		612	-20	0.003		525	-17	1.90	0.002	
2169		19.01		19.01		173	-3	0.64	16.1		192	-3	0.002		209	-3	0.76	0.002	
2170		19.01		19.01		0.	-2	0.03	0.1		0.	-10	0.000		0.	-17	0.31	0.000	
2171		19.01		19.01		364	-20	1.27	8.1		323	-29	0.000		289	-13	1.02	0.001	
2172		19.01		19.01		402	-23	1.40	9.1		357	-29	0.000		321	-35	1.28	0.000	
2173		19.01		19.01		0.	-5	0.10	-1.1		0.	-11	0.000		0.	-17	0.31	0.000	
2174		19.01		19.01		0.	-1	0.02	0.1		0.	-11	0.000		0.	-22	0.39	0.000	
2175		19.01		19.01		265	-19	0.94	2.1		260	-33	0.000		259	-15	0.90	0.000	
2176		19.01		19.01		251	-19	0.89	1.1		244	-30	0.000		240	-41	1.22	0.000	
2177		19.01		19.01		0.	2	0.00	4.1		0.	-7	0.000		0.	-17	0.30	0.000	
2179		19.01		19.01		749	-120	3.68	-16.1		955	-2	0.010		955	-2	3.44	0.010	
2180		19.01		19.01		636	-126	3.56	-20.1		497	0.	0.005		496	0.	1.78	0.005	
2181		19.01		19.01		0.	-61	1.10	-17.1		0.	38	0.015		0.	42	0.00	0.017	
2182		19.01		19.01		529	-53	2.03	-3.1		599	25	0.015		600	25	1.56	0.015	
2183		19.01		19.01		405	-45	1.64	-3.1		472	48	0.023		473	48	0.00	0.023	
2184		19.01		19.01		0.	-60	1.07	-16.1		0.	42	0.017		0.	42	0.00	0.017	
2185		19.01		19.01		0.	-79	1.43	-21.1		0.	-6	0.000		0.	-6	0.11	0.000	
2186		19.01		19.01		136	28	0.00	92.1		175	40	0.017		174	42	0.00	0.018	
2187		19.01		19.01		64	34	0.00	98.1		103	69	0.028		102	69	0.00	0.028	
2188		19.01		19.01		0.	1	0.00	2.1		0.	45	0.018		0.	45	0.00	0.018	
2189		19.01		19.01		0.	-60	1.07	-16.1		0.	-18	0.000		0.	-18	0.33	0.000	
2190		19.01		19.01		129	54	0.00	161.1		175	54	0.023		175	54	0.00	0.023	
2191		19.01		19.01		4	91	0.00	240.1		23	100	0.040		22	100	0.00	0.040	
2192		19.01		19.01		0.	55	0.00	145.1		0.	75	0.030		0.	75	0.00	0.030	
2193		19.01		19.01		0.	-31	0.55	-8.1		0.	-5	0.000		0.	-4	0.08	0.000	
2194		19.01		19.01		36	54	0.00	148.1		89	81	0.033		104	74	0.00	0.030	
2195		19.01		19.01		92	132	0.00	360.1		114	128	0.052		121	124	0.00	0.050	
2196		19.01		19.01		0.	141	0.00	370.1		0.	145	0.058		0.	139	0.00	0.055	
2197		19.01		19.01		0.	82	0.00	217.1		0.	91	0.036		0.	86	0.00	0.035	
2198		19.01		19.01		0.	38	0.00	100.1		30	67	0.027		53	62	0.00	0.025	
2199		19.01		19.01		92	157	0.00	426.1		114	148	0.059		128	139	0.00	0.056	
2201		19.01		19.01		0.	163	0.00	430.1		0.	161	0.064		0.	153	0.00	0.061	
2204		19.01		19.01		0.	43	0.00	112.1		0.	94	0.038		0.	94	0.00	0.038	
2205		19.01		19.01		0.	14	0.00	37.1		0.	33	0.013		0.	35	0.00	0.014	
2206		19.01		19.01		0.	-68	1.21	-18.1		0.	-39	0.000		0.	-32	0.58	0.000	
2207		19.01		19.01		0.	8	0.00	20.1		0.	-5	0.000		0.	-4	0.07	0.000	
2208		19.01		19.01		0.	-12	0.22	-3.1		0.	-41	0.000		0.	-56	1.00	0.000	
2209		19.01		19.01		0.	49	0.00	128.1		0.	26	0.010		0.	22	0.00	0.009	
2210		19.01		19.01		0.	96	0.00	252.1		0.	62	0.025		0.	35	0.00	0.014	
2211		19.01		19.01		0.	136	0.00	357.1		0.	107	0.043		0.	92	0.00	0.037	
2212		19.01		19.01		0.	170	0.00	447.1		0.	135	0.054		0.	100	0.00	0.040	
2213		19.01		19.01		128	216	0.00	587.1		55	183	0.073		12	157	0.00	0.063	
2215		19.01		19.01		611	-326	7.09	-74.1		820	-229	0.000		1047	-90	3.83	0.000	
2216		19.01		19.01		0.	-386	6.93	-104.1		841	-175	0.000		1305	-69	4.57	0.003	
2217		19.01		19.01		656	-208	5.07	-42.1		394	-136	0.000		465	-81	2.41	0.000	
2218		19.01		19.01		927	-127	4.18	-14.1		896	-110	0.000		906	-77	3.30	0.000	
2219		19.01		19.01		129	-98	2.02	-24.1		1278	-87	0.001		1281	-87	4.48	0.001	
2220		19.01		19.01		582	-6	2.13	63.1		467	-5	0.004		422	-13	1.53	0.002	
2221		19.01		19.01		785	-12	2.87	77.1		829	-49	0.001		826	-49	2.88	0.001	
2222		19.01		19.01		638	-14	2.34	53.1		1139	-73	0.001		1140	-74	3.98	0.001	
2223		19.01		19.01		597	4	2.09	92.1		567	6	0.008		553	16	1.66	0.012	
2224		19.01		19.01		746	0.	2.67	101.1		841	6	0.011		846	12	2.85	0.013	
2225		19.01		19.01		842	-34	3.00	37.1		1159	-10	0.011		1160	-10	4.22	0.011	
2226		19.01		19.01		503	-11	1.84	41.1		479	-9	0.003		478	-3	1.74	0.004	
2227		19.01		19.01		634	-11	2.32	58.1		681	16	0.013		686	26	1.88	0.016	
2228		19.01		19.01		923	-21	3.38	75.1		1070	30	0.021		1083	43	2.90	0.026	
2229		19.01		19.01		409	-4	1.49	45.1		291	-24	0.000		285	-20	1.00	0.000	
2230		19.01		19.01		533	-20	1.91	26.1		542	6	0.008		548	19	1.57	0.012	
2231		19.01		19.01		939	-18	3.44	85.1		997	37	0.023		1019	62	1.64	0.033	
3703		19.01		19.01		364	-5	1.33	37.1		372	93	0.039		373	93	0.00	0.039	
3704		19.01		19.01		0.	70	0.00	184.1		0.	139	0.055		0.	139	0.00	0.055	
3705		19.01		19.01		0.	50	0.00	131.1		0.	135	0.054		0.	136	0.00	0.054	
3707		19.01		19.01		538	-126	3.36	-22.1		778	-19	0.005		779	-14	2.86	0.006	
3713		19.01		19.01		0.	-195	3.49	-52.1		0.	-121	0.000		0.	-35	0.62	0.000	
3715		19.01		19.01		19	-165	3.01	-44.1		60	-115	0.000		11	-62	1.15	0.000	
3721		19.01		19.01		0.	-136	2.45	-37.1		127	23	0.010		136	32	0.00	0.013	
3723		19.01		19.01		0.	-136	2.44	-37.1		0.	-29	0.000		43	-39	0.79	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

3727		19.01	19.01		83	-168	3.19	-44.1		135	-66	0.000		69	-85	1.67	0.000	
3728		19.01	19.01		48	-64	1.25	-16.1		0.	-6	0.000		0.	-17	0.30	0.000	
3733		19.01	19.01		84	-135	2.60	-35.1		20	-39	0.000		9	-44	0.81	0.000	
3737		19.01	19.01		102	-195	3.70	-50.1		169	-67	0.000		181	-51	1.28	0.000	
3742		19.01	19.01		0.	-353	6.33	-95.1		253	-275	0.000		307	-192	4.08	0.000	
3743		19.01	19.01		186	-385	7.29	-99.1		325	-269	0.000		298	-147	3.25	0.000	
3744		19.01	19.01		0.	-329	5.91	-89.1		0.	-251	0.000		0.	-169	3.03	0.000	
3745		19.01	19.01		423	-261	5.54	-61.1		381	-224	0.000		341	-126	2.96	0.000	
3746		19.01	19.01		343	-287	5.86	-70.1		473	-152	0.000		427	-181	4.12	0.000	
3747		19.01	19.01		141	-403	7.53	-106.1		259	-147	0.000		147	-29	0.81	0.000	
3751		19.01	19.01		584	-343	7.35	-80.1		808	-103	0.000		913	-62	3.20	0.001	
3755		19.01	19.01		657	-482	9.99	-115.1		660	-288	0.000		640	-169	4.35	0.000	
3756		19.01	19.01		1526	-514	12.33	-105.1		1447	-118	0.000		1449	-118	5.21	0.000	
3757		19.01	19.01		741	-196	5.03	-37.1		1047	-92	0.000		1335	-50	4.79	0.005	
3758		19.01	19.01		1970	-606	14.89	-120.1		1783	-351	0.000		1531	-184	6.43	0.000	
3759		19.01	19.01		1025	-969	19.49	-238.1		1028	-297	0.000		1026	-298	7.44	0.000	
3760		19.01	19.01		1389	-1231	24.93	-301.1		1304	-822	0.000		1220	-410	9.85	0.000	
3761		19.01	19.01		0.	-40	0.72	-11.1		0.	-30	0.000		0.	-8	0.15	0.000	
3762		19.01	19.01		0.	-144	2.59	-39.1		0.	-94	0.000		0.	-37	0.67	0.000	
3763		19.01	19.01		0.	-225	4.05	-61.1		0.	-156	0.000		0.	-64	1.15	0.000	
3764		19.01	19.01		0.	-130	2.33	-35.1		55	-76	0.000		56	-62	1.23	0.000	
3765		19.01	19.01		0.	-153	2.75	-41.1		43	-56	0.000		29	-28	0.56	0.000	
3766		19.01	19.01		0.	-146	2.63	-39.1		0.	-63	0.000		0.	-58	1.04	0.000	
3767		19.01	19.01		0.	-125	2.25	-34.1		161	-21	0.000		155	5	0.44	0.004	
3768		19.01	19.01		0.	-133	2.39	-36.1		98	-9	0.000		116	20	0.00	0.009	
3769		19.01	19.01		0.	-115	2.06	-31.1		98	-3	0.001		115	25	0.00	0.011	
3770		19.01	19.01		0.	-196	3.52	-53.1		1	-61	0.000		186	-33	0.97	0.000	
3771		19.01	19.01		0.	-112	2.01	-30.1		0.	-33	0.000		0.	-1	0.02	0.000	
3773		19.01	19.01		0.	-132	2.37	-36.1		0.	-39	0.000		0.	0.	0.01	0.000	
3774		19.01	19.01		0.	-214	3.85	-58.1		0.	-77	0.000		136	-38	0.96	0.000	
3775		19.01	19.01		0.	-137	2.45	-37.1		0.	-40	0.000		0.	-37	0.66	0.000	
3776		19.01	19.01		0.	-138	2.48	-37.1		5	-40	0.000		2	-6	0.11	0.000	
3777		19.01	19.01		676	-142	3.92	-23.1		788	-30	0.003		811	-33	2.89	0.003	
3778		19.01	19.01		585	-105	3.08	-15.1		838	-5	0.008		839	-5	3.04	0.008	
3779		19.01	19.01		653	-88	2.90	-9.1		847	6	0.011		848	7	2.95	0.011	
3780		19.01	19.01		1206	-144	5.04	-12.1		1365	-61	0.004		1389	-45	5.03	0.007	
3781		19.01	19.01		613	-104	3.11	-14.1		708	-14	0.005		712	-9	2.61	0.006	
3782		19.01	19.01		570	-101	2.98	-15.1		660	-35	0.001		673	-23	2.43	0.003	
3783		19.01	19.01		910	-458	10.07	-103.1		903	-271	0.000		866	-106	3.67	0.000	
3784		19.01	19.01		826	-444	9.65	-101.1		756	-280	0.000		792	-137	4.08	0.000	
3785		19.01	19.01		797	-331	7.57	-72.1		646	-196	0.000		673	-82	2.84	0.000	
3908		19.01	19.01		316	-183	3.92	-42.1		167	-78	0.000		109	-7	0.38	0.000	
3909		19.01	19.01		227	-97	2.21	-21.1		0.	-16	0.000		0.	-21	0.37	0.000	
3910		19.01	19.01		376	-144	3.35	-30.1		0.	-36	0.000		0.	-30	0.54	0.000	
3911		19.01	19.01		378	-51	1.68	-5.1		0.	32	0.013		0.	38	0.00	0.015	
3912		19.01	19.01		0.	-92	1.65	-25.1		0.	-23	0.000		0.	-45	0.80	0.000	
3913		19.01	19.01		155	-77	1.70	-17.1		82	-18	0.000		0.	-34	0.61	0.000	
3914		19.01	19.01		264	-110	2.52	-24.1		155	-49	0.000		30	-74	1.38	0.000	
3915		19.01	19.01		0.	199	0.00	522.1		0.	194	0.077		0.	184	0.00	0.073	
5852		36.14	36.14		7645	-337	22.18	177.1		3930	-8	0.012		1047	303	0.00	0.035	
5853		23.29	23.29		7672	-302	25.71	304.1		4102	-67	0.021		911	63	0.75	0.022	
5858		19.01	19.01		0.	-56	1.01	-15.1		0.	-32	0.000		0.	-13	0.23	0.000	
5859		19.01	19.01		652	-113	3.36	-16.1		527	-83	0.000		412	-40	1.56	0.000	
5860		19.01	19.01		726	-177	4.66	-32.1		461	-56	0.000		187	-3	0.68	0.001	
5863		19.01	19.01		846	-8	3.09	95.1		624	-26	0.002		408	-19	1.44	0.001	
5864		36.14	36.14		5433	-176	15.49	187.1		3197	141	0.024		1179	462	0.00	0.053	
5891		19.01	19.01		318	-62	1.76	-10.1		178	-42	0.000		120	-3	0.44	0.001	
5892		19.01	19.01		144	-3	0.53	13.1		287	-12	0.001		214	-7	0.77	0.001	
5893		23.29	23.29		0.	-368	6.46	-97.1		544	-42	0.000		1708	23	5.20	0.018	
5894		19.01	19.01		0.	-95	1.70	-26.1		0.	-85	0.000		976	-2	3.51	0.010	
5895		19.01	19.01		0.	163	0.00	429.1		0.	-4	0.000		596	-6	2.18	0.005	
5896		23.29	23.29		0.	-232	4.06	-61.1		0.	-66	0.000		0.	52	0.00	0.014	
5899		19.01	19.01		0.	-106	1.91	-29.1		0.	-6	0.000		0.	38	0.00	0.015	
5901		19.01	19.01		5	9	0.00	23.1		0.	26	0.010		0.	19	0.00	0.008	
5902		19.01	19.01		0.	108	0.00	283.1		0.	53	0.021		0.	29	0.00	0.012	
5904		19.01	19.01		0.	62	0.00	163.1		0.	30	0.012		0.	14	0.00	0.005	
5912		23.29	23.29		2956	-284	10.81	-12.1		1584	-149	0.000		229	26	0.00	0.008	
5913		23.29	23.29		0.	-432	7.58	-114.1		0.	-163	0.000		0.	104	0.00	0.028	
5914		19.01	19.01		1194	-47	4.27	56.1		615	-4	0.006		169	12	0.08	0.006	
5915		19.01	19.01		1950	-166	7.10	2.1		994	-88	0.000		146	28	0.00	0.012	
5919		36.14	36.14		0.	-93	1.53	-23.1		0.	541	0.059		0.	893	0.00	0.110	
5920		36.14	36.14		0.	-349	5.74	-86.1		0.	113	0.012		0.	437	0.00	0.048	
5923		23.29	23.29		0.	-239	4.20	-63.1		0.	140	0.038		0.	267	0.00	0.072	
5926		19.01	19.01		241	-165	3.45	-39.1		187	-2	0.002		156	32	0.00	0.014	
5927		36.14	36.14		0.	-625	10.27	-154.1		0.	-176	0.000		0.	-24	0.39	0.000	
5930		23.29	23.29		737	-474	9.76	-109.1		385	-56	0.000		0.	-15	0.26	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5933		19.01	19.01		1028	-369	8.72	-77.		909	-62	0.001		831	-11	3.04	0.007	
5951		19.01	19.01		0.	-114	2.05	-31.		362	6	0.006		1000	55	1.98	0.030	
5952		19.01	19.01		0.	-69	1.24	-19.		1177	72	0.038		1204	69	2.18	0.038	
5965		36.14	36.14		0.	-91	1.50	-22.		0.	472	0.052		0.	893	0.00	0.110	
5966		36.14	36.14		0.	-764	12.55	-188.		0.	-240	0.000		0.	-1	0.02	0.000	
5969		19.01	19.01		793	26	2.32	178.		535	15	0.011		273	8	0.83	0.006	
5970		19.01	19.01		0.	-13	0.24	-4.		188	1	0.002		756	18	2.39	0.014	
5971		19.01	19.01		0.	-16	0.28	-4.		803	25	0.017		1008	24	3.18	0.019	
5972		19.01	19.01		0.	-4	0.07	-1.		185	-49	0.000		202	-49	1.29	0.000	
5973		19.01	19.01		0.	-72	1.30	-19.		251	-65	0.000		297	-54	1.58	0.000	
5976		19.01	19.01		29	68	0.00	183.		239	-15	0.000		319	-21	1.11	0.000	
5977		19.01	19.01		0.	185	0.00	488.		0.	3	0.001		619	-34	2.16	0.001	
5978		19.01	19.01		0.	76	0.00	201.		0.	24	0.010		200	-15	0.71	0.000	
5980		19.01	19.01		0.	-4	0.08	-1.		0.	7	0.003		0.	5	0.00	0.002	
5981		19.01	19.01		21	3	0.00	11.		158	-16	0.000		220	-65	1.62	0.000	
5982		19.01	19.01		91	-35	0.81	-7.		377	-1	0.004		502	-26	1.76	0.001	
5983		19.01	19.01		0.	-103	1.85	-28.		0.	-38	0.000		223	-45	1.27	0.000	
5987		19.01	19.01		0.	-88	1.57	-24.		0.	-23	0.000		87	-3	0.31	0.000	
5988		19.01	19.01		1193	-17	4.37	121.		647	-16	0.004		226	35	0.00	0.015	
5990		19.01	19.01		775	28	2.16	183.		584	16	0.012		445	-6	1.63	0.004	
5991		19.01	19.01		887	42	2.10	235.		581	11	0.010		491	27	0.95	0.015	
5992		19.01	19.01		0.	-20	0.37	-5.		0.	5	0.002		0.	49	0.00	0.020	
5995		19.01	19.01		197	19	0.00	79.		189	9	0.005		181	3	0.60	0.003	
5998		19.01	19.01		205	-105	2.30	-24.		254	-58	0.000		417	-22	1.46	0.001	
5999		19.01	19.01		768	-60	2.74	4.		685	-8	0.006		632	-28	2.24	0.002	
6000		19.01	19.01		785	-65	2.83	2.		611	-4	0.006		701	-19	2.56	0.004	
6001		19.01	19.01		1125	-87	4.01	5.		781	-11	0.006		756	-24	2.74	0.004	
6002		19.01	19.01		1305	-67	4.58	37.		926	-8	0.008		1010	-30	3.67	0.005	
6003		19.01	19.01		1186	-11	4.33	134.		874	6	0.011		821	-3	2.97	0.008	
6004		19.01	19.01		1021	-69	3.57	12.		646	-5	0.006		464	-2	1.67	0.005	
6005		19.01	19.01		0.	-51	0.92	-14.		0.	5	0.002		0.	-4	0.06	0.000	
6006		19.01	19.01		0.	-10	0.19	-3.		0.	20	0.008		0.	45	0.00	0.018	
6007		19.01	19.01		0.	-49	0.88	-13.		0.	37	0.015		0.	56	0.00	0.023	
6009		19.01	19.01		448	-108	2.86	-19.		655	-37	0.001		859	-9	3.14	0.007	
6011		19.01	19.01		724	-221	5.44	-44.		1026	-110	0.000		1103	-47	3.92	0.004	
6012		19.01	19.01		467	-171	4.02	-36.		586	-62	0.000		842	-51	2.93	0.001	
6013		19.01	19.01		446	-77	2.29	-11.		505	-54	0.000		561	-2	2.03	0.006	
6016		19.01	19.01		0.	-128	2.29	-34.		0.	-81	0.000		335	-28	1.21	0.000	
6019		19.01	19.01		436	-189	4.28	-41.		596	-174	0.000		886	-52	3.09	0.001	
6020		19.01	19.01		0.	-148	2.66	-40.		257	-81	0.000		775	-3	2.80	0.008	
6021		19.01	19.01		0.	-287	5.15	-77.		395	-139	0.000		943	-19	3.46	0.006	
6025		19.01	19.01		0.	-158	2.83	-42.		0.	-109	0.000		0.	-79	1.42	0.000	
6026		19.01	19.01		208	-339	6.51	-87.		358	-248	0.000		326	-139	3.17	0.000	
6027		19.01	19.01		0.	-329	5.90	-88.		0.	-252	0.000		0.	-165	2.96	0.000	
6029		19.01	19.01		0.	-329	5.91	-89.		0.	-251	0.000		0.	-168	3.02	0.000	
6030		19.01	19.01		0.	-133	2.39	-36.		0.	-53	0.000		51	-57	1.13	0.000	
6032		19.01	19.01		423	-245	5.26	-57.		437	-204	0.000		383	-123	3.00	0.000	
6034		19.01	19.01		0.	-73	1.30	-20.		83	-50	0.000		84	-88	1.75	0.000	
6040		19.01	19.01		0.	-359	6.45	-97.		335	-28	0.000		336	-28	1.22	0.000	
6043		19.01	19.01		0.	-90	1.62	-24.		85	-13	0.000		150	1	0.53	0.002	
6044		19.01	19.01		0.	-175	3.14	-47.		164	-41	0.000		142	-3	0.52	0.001	
6045		19.01	19.01		0.	-235	4.21	-63.		312	-1	0.003		320	6	1.04	0.006	
6046		19.01	19.01		0.	-451	8.09	-121.		39	-232	0.000		141	-68	1.50	0.000	
6047		19.01	19.01		345	-375	7.44	-93.		374	-218	0.000		458	-98	2.69	0.000	
6049		19.01	19.01		736	-304	6.96	-66.		797	-82	0.000		794	-82	3.08	0.000	
6050		19.01	19.01		592	-341	7.33	-79.		812	-102	0.000		914	-62	3.20	0.001	
6052		19.01	19.01		108	-403	7.45	-106.		211	-144	0.000		98	-25	0.65	0.000	
6053		19.01	19.01		0.	-406	7.29	-109.		0.	-185	0.000		0.	-68	1.21	0.000	
6056		19.01	19.01		0.	-73	1.32	-20.		0.	-23	0.000		0.	-65	1.16	0.000	
6057		19.01	19.01		0.	-83	1.49	-22.		0.	-20	0.000		0.	-59	1.07	0.000	
6058		19.01	19.01		83	-232	4.33	-61.		137	-99	0.000		138	-31	0.83	0.000	
6059		19.01	19.01		175	-229	4.47	-58.		171	-103	0.000		136	-25	0.72	0.000	
6061		19.01	19.01		2	-92	1.66	-25.		9	-47	0.000		0.	-89	1.60	0.000	
6062		19.01	19.01		654	-438	9.20	-104.		854	-127	0.000		851	-127	4.01	0.000	
6065		19.01	19.01		785	-556	11.59	-133.		730	-389	0.000		680	-187	4.75	0.000	
6066		19.01	19.01		660	-484	10.03	-116.		660	-284	0.000		630	-167	4.28	0.000	
6067		19.01	19.01		856	-266	6.53	-53.		1181	-138	0.000		1274	-62	4.48	0.003	
6068		19.01	19.01		0.	-62	1.11	-17.		0.	35	0.014		0.	52	0.00	0.021	
6071		19.01	19.01		1481	-515	12.26	-106.		1400	-116	0.000		1402	-116	5.06	0.000	
6073		19.01	19.01		1298	-80	4.52	22.		990	-4	0.010		1129	-15	4.13	0.009	
6074		19.01	19.01		1075	-106	4.10	-5.		969	-12	0.008		1063	-22	3.89	0.007	
6075		19.01	19.01		1029	-90	3.77	0.		771	-4	0.008		868	-10	3.17	0.007	
6076		19.01	19.01		0.	-53	0.95	-14.		0.	16	0.007		0.	3	0.00	0.001	
6077		19.01	19.01		879	-112	3.80	-11.		615	-8	0.005		519	-12	1.90	0.003	
6078		19.01	19.01		994	-74	3.52	7.		698	-1	0.007		583	-10	2.14	0.004	
6079		19.01	19.01		0.	-222	3.99	-60.		0.	-151	0.000		0.	-101	1.81	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6080		19.01	19.01		0.	-185	3.32	-50.		0.	-131	0.000		0.	-94	1.68	0.000	
6082		19.01	19.01		0.	-303	5.44	-82.		0.	-179	0.000		0.	-83	1.48	0.000	
6083		19.01	19.01		159	-329	6.24	-85.		346	-243	0.000		323	-138	3.13	0.000	
6084		19.01	19.01		178	-402	7.58	-104.		296	-278	0.000		284	-150	3.27	0.000	
6086		19.01	19.01		0.	-324	5.81	-87.		174	-260	0.000		266	-190	3.96	0.000	
6087		19.01	19.01		400	-276	5.76	-65.		361	-240	0.000		321	-129	2.96	0.000	
6088		19.01	19.01		407	-241	5.15	-56.		440	-198	0.000		385	-123	2.99	0.000	
6089		19.01	19.01		326	-286	5.79	-70.		456	-143	0.000		414	-176	4.00	0.000	
6091		19.01	19.01		0.	-103	1.85	-28.		46	-70	0.000		49	-87	1.66	0.000	
6092		19.01	19.01		10	-127	2.30	-34.		55	-138	0.000		66	-90	1.76	0.000	
6094		19.01	19.01		0.	-117	2.10	-32.		38	-73	0.000		47	-70	1.34	0.000	
6095		19.01	19.01		0.	-158	2.84	-43.		139	-33	0.000		142	2	0.47	0.002	
6096		19.01	19.01		0.	-114	2.05	-31.		156	-18	0.000		150	4	0.47	0.003	
6098		19.01	19.01		0.	-180	3.23	-48.		211	8	0.005		222	18	0.00	0.009	
6099		19.01	19.01		116	-404	7.49	-106.		237	-151	0.000		125	-33	0.84	0.000	
6100		19.01	19.01		0.	-400	7.18	-108.		20	-152	0.000		0.	-33	0.59	0.000	
6103		19.01	19.01		0.	-415	7.46	-112.		104	-188	0.000		155	-56	1.32	0.000	
6104		19.01	19.01		13	-442	7.97	-119.		97	-220	0.000		220	-83	1.94	0.000	
6105		19.01	19.01		7	-407	7.33	-109.		6	-186	0.000		0.	-69	1.23	0.000	
6107		19.01	19.01		483	-312	6.58	-73.		514	-110	0.000		517	-77	2.43	0.000	
6108		19.01	19.01		490	-358	7.42	-85.		540	-144	0.000		560	-111	3.14	0.000	
6109		19.01	19.01		258	-386	7.46	-98.		310	-214	0.000		406	-89	2.42	0.000	
6111		19.01	19.01		771	-302	7.00	-64.		830	-80	0.000		826	-80	3.12	0.000	
6112		19.01	19.01		701	-305	6.90	-67.		770	-82	0.000		767	-82	3.03	0.000	
6113		19.01	19.01		660	-292	6.58	-64.		706	-59	0.000		703	-59	2.54	0.000	
6114		19.01	19.01		0.	-209	3.76	-56.		0.	-74	0.000		19	-21	0.42	0.000	
6115		19.01	19.01		0.	-192	3.44	-52.		0.	-55	0.000		92	-53	1.14	0.000	
6117		19.01	19.01		0.	-230	4.12	-62.		91	-72	0.000		272	-43	1.33	0.000	
6118		19.01	19.01		0.	-153	2.75	-41.		0.	-58	0.000		0.	-71	1.27	0.000	
6120		19.01	19.01		0.	-66	1.19	-18.		0.	-21	0.000		0.	-62	1.11	0.000	
6121		19.01	19.01		0.	-225	4.04	-61.		0.	-88	0.000		85	-24	0.60	0.000	
6122		19.01	19.01		0.	-249	4.47	-67.		39	-91	0.000		224	-50	1.35	0.000	
6124		19.01	19.01		0.	-196	3.51	-53.		0.	-75	0.000		94	-65	1.37	0.000	
6125		19.01	19.01		855	-388	8.71	-86.		802	-345	0.000		724	-137	3.93	0.000	
6126		19.01	19.01		903	-441	9.76	-99.		873	-324	0.000		831	-179	4.90	0.000	
6128		19.01	19.01		773	-467	9.97	-109.		994	-143	0.000		978	-107	3.91	0.000	
6130		19.01	19.01		885	-556	11.78	-130.		824	-327	0.000		767	-141	4.09	0.000	
6131		19.01	19.01		1040	-556	12.10	-127.		1008	-326	0.000		974	-208	5.72	0.000	
6132		19.01	19.01		878	-414	9.23	-92.		837	-335	0.000		777	-157	4.41	0.000	
6133		19.01	19.01		853	-556	11.72	-131.		786	-328	0.000		725	-127	3.76	0.000	
6134		19.01	19.01		773	-553	11.50	-132.		709	-405	0.000		649	-212	5.13	0.000	
6136		19.01	19.01		977	-556	11.97	-128.		933	-326	0.000		891	-181	5.07	0.000	
6138		19.01	19.01		735	-565	11.64	-136.		682	-385	0.000		635	-172	4.39	0.000	
6139		19.01	19.01		839	-541	11.42	-127.		783	-393	0.000		729	-191	4.92	0.000	
6140		19.01	19.01		693	-550	11.28	-133.		628	-376	0.000		568	-170	4.21	0.000	
6141		19.01	19.01		821	-93	3.34	-7.		707	-10	0.006		791	-18	2.90	0.005	
6142		19.01	19.01		734	-117	3.60	-15.		723	-19	0.004		799	-23	2.91	0.004	
6144		19.01	19.01		779	-128	3.88	-17.		727	-27	0.003		788	-34	2.80	0.002	
6146		19.01	19.01		307	-20	1.07	4.		284	90	0.037		285	90	0.00	0.037	
6148		19.01	19.01		0.	46	0.00	122.		0.	118	0.047		0.	115	0.00	0.046	
6149		19.01	19.01		1248	-142	5.10	-11.		1412	-25	0.010		1417	-18	5.19	0.012	
6150		19.01	19.01		1404	-159	5.71	-12.		1582	-70	0.005		1612	-53	5.83	0.008	
6152		19.01	19.01		507	-262	5.73	-59.		621	-95	0.000		637	-73	2.62	0.000	
6153		19.01	19.01		595	-157	4.03	-29.		816	-68	0.000		1121	-30	4.09	0.006	
6154		19.01	19.01		542	-207	4.83	-44.		667	-85	0.000		964	-10	3.52	0.008	
6155		19.01	19.01		1980	-603	14.87	-119.		1796	-345	0.000		1547	-181	6.40	0.000	
6156		19.01	19.01		1026	-970	19.50	-239.		1026	-299	0.000		1025	-298	7.44	0.000	
6157		19.01	19.01		1386	-1231	24.93	-301.		1302	-823	0.000		1219	-411	9.87	0.000	
6158		19.01	19.01		964	-562	12.06	-130.		1003	-348	0.000		968	-155	4.76	0.000	
6159		19.01	19.01		1216	-516	11.75	-112.		1146	-341	0.000		1113	-154	5.04	0.000	
6160		19.01	19.01		631	-251	5.80	-54.		740	-203	0.000		928	-80	3.40	0.000	
6167		36.14	36.14		0.	-95	1.56	-23.		0.	262	0.029		0.	590	0.00	0.065	
6168		36.14	36.14		0.	133	0.00	184.		0.	385	0.042		0.	565	0.00	0.062	
6169		36.14	36.14		0.	50	0.00	69.		0.	292	0.032		0.	636	0.00	0.070	
6171		36.14	36.14		0.	-839	13.78	-207.		0.	-379	0.000		0.	-3	0.04	0.000	
6172		36.14	36.14		0.	-534	8.78	-132.		0.	-146	0.000		0.	41	0.00	0.005	
6173		36.14	36.14		0.	-529	8.70	-130.		0.	-97	0.000		0.	16	0.00	0.002	
6181		36.14	36.14		1214	-571	11.57	-117.		1636	-191	0.000		2085	50	4.57	0.011	
6182		36.14	36.14		0.	-574	9.43	-141.		1189	-191	0.000		2260	31	5.40	0.010	
6184		36.14	36.14		892	-574	11.04	-124.		1901	-172	0.000		2597	37	6.17	0.012	
6185		36.14	36.14		1932	-347	9.16	-48.		2390	-38	0.006		2581	81	5.21	0.016	
6186		36.14	36.14		1583	-520	11.39	-98.		2357	-128	0.002		2800	49	6.49	0.013	
6188		36.14	36.14		2736	-211	8.59	7.		3260	-10	0.010		3336	83	7.23	0.018	
6197		19.01	19.01		0.	-22	0.40	-6.		113	-8	0.000		141	-76	1.66	0.000	
6198		19.01	19.01		0.	-28	0.51	-8.		60	-7	0.000		76	-74	1.49	0.000	
6199		19.01	19.01		44	-77	1.47	-20.		106	-40	0.000		89	-94	1.87	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6201		19.01	19.01		0.	-57	1.02	-15.		0.	-19	0.000		29	-9	0.21	0.000	
6203		19.01	19.01		0.	-68	1.22	-18.		0.	-22	0.000		0.	-4	0.06	0.000	
6204		19.01	19.01		0.	-68	1.21	-18.		0.	-18	0.000		31	-72	1.36	0.000	
6205		19.01	19.01		0.	-189	3.39	-51.		867	35	0.021		1578	103	2.07	0.054	
6207		19.01	19.01		0.	-137	2.45	-37.		805	26	0.017		1337	70	2.82	0.039	
6208		19.01	19.01		0.	-192	3.45	-52.		23	-18	0.000		1090	95	0.00	0.046	
6209		19.01	19.01		0.	-133	2.38	-36.		1871	117	0.062		1869	117	2.79	0.062	
6210		19.01	19.01		0.	-152	2.72	-41.		1312	121	0.058		1467	117	0.00	0.058	
6211		19.01	19.01		0.	-81	1.45	-22.		1569	90	0.049		1567	90	2.87	0.049	
6221		19.01	19.01		0.	-154	2.77	-42.		0.	-82	0.000		0.	64	0.00	0.026	
6224		19.01	19.01		0.	-83	1.49	-22.		0.	-35	0.000		0.	52	0.00	0.021	
6233		19.01	19.01		0.	-361	6.48	-97.		0.	-148	0.000		0.	90	0.00	0.036	
6235		19.01	19.01		0.	-284	5.09	-76.		0.	-127	0.000		0.	75	0.00	0.030	
6236		19.01	19.01		0.	-297	5.33	-80.		0.	-109	0.000		0.	78	0.00	0.031	
6241		36.14	36.14		2768	-564	14.23	-85.		3359	669	0.087		3518	1015	0.00	0.148	
6242		36.14	36.14		2976	-353	11.14	-29.		3032	814	0.111		3085	1002	0.00	0.144	
6243		36.14	36.14		1860	-532	12.08	-95.		3159	457	0.057		3472	770	0.00	0.105	
6244		19.01	19.01		0.	-378	6.78	-102.		0.	-279	0.000		0.	-141	2.54	0.000	
6245		19.01	19.01		0.	-270	4.85	-73.		0.	-239	0.000		0.	-181	3.24	0.000	
6246		19.01	19.01		0.	-223	4.00	-60.		0.	-218	0.000		0.	-96	1.72	0.000	
6247		19.01	19.01		0.	-248	4.44	-67.		0.	-219	0.000		0.	-199	3.58	0.000	
6248		19.01	19.01		0.	-122	2.18	-33.		0.	-69	0.000		0.	-24	0.43	0.000	
6249		19.01	19.01		0.	-168	3.01	-45.		0.	-92	0.000		0.	-68	1.22	0.000	
6250		19.01	19.01		0.	-14	0.25	-4.		0.	55	0.022		0.	107	0.00	0.043	
6251		19.01	19.01		0.	-48	0.86	-13.		0.	1	0.000		0.	42	0.00	0.017	
6252		19.01	19.01		0.	27	0.00	72.		137	134	0.054		191	149	0.00	0.060	
6253		19.01	19.01		0.	21	0.00	56.		0.	102	0.041		0.	130	0.00	0.052	
6254		19.01	19.01		259	77	0.00	240.		393	146	0.060		393	155	0.00	0.064	
6255		19.01	19.01		0.	69	0.00	183.		0.	130	0.052		0.	157	0.00	0.063	
8630		19.01	19.01		825	-416	9.16	-94.		897	-186	0.000		867	-114	3.82	0.000	
8631		19.01	19.01		601	-476	9.77	-115.		840	-119	0.000		838	-119	3.84	0.000	
8632		19.01	19.01		665	-420	8.90	-99.		854	-131	0.000		851	-131	4.08	0.000	
8633		19.01	19.01		426	-277	5.83	-65.		470	-39	0.000		467	-36	1.67	0.000	
8634		19.01	19.01		770	-327	7.44	-71.		822	-101	0.000		818	-100	3.47	0.000	
8636		19.01	19.01		560	-360	7.60	-85.		573	-206	0.000		586	-131	3.55	0.000	
8637		19.01	19.01		329	-101	2.49	-20.		385	-59	0.000		385	-39	1.48	0.000	
8638		19.01	19.01		390	-159	3.64	-34.		332	-84	0.000		289	-29	1.11	0.000	
8639		19.01	19.01		202	-56	1.42	-11.		0.	-55	0.000		104	-50	1.12	0.000	
8640		19.01	19.01		336	-103	2.53	-20.		1	-61	0.000		28	-47	0.90	0.000	
8641		19.01	19.01		0.	-251	4.51	-68.		214	-56	0.000		215	0.	0.77	0.002	
8642		19.01	19.01		311	-93	2.30	-18.		13	-49	0.000		29	-46	0.88	0.000	
8643		19.01	19.01		0.	-280	5.02	-75.		207	-5	0.001		205	-2	0.75	0.002	
8644		19.01	19.01		0.	-144	2.59	-39.		0.	-110	0.000		197	-34	1.02	0.000	
8645		19.01	19.01		0.	-143	2.57	-39.		0.	-117	0.000		98	-28	0.70	0.000	
8646		19.01	19.01		0.	-203	3.65	-55.		0.	-101	0.000		127	-15	0.53	0.000	
8648		19.01	19.01		409	-130	3.17	-26.		436	-16	0.002		339	-55	1.68	0.000	
8649		19.01	19.01		0.	-21	0.37	-6.		0.	-37	0.000		226	-57	1.48	0.000	
8650		19.01	19.01		0.	-97	1.75	-26.		0.	-79	0.000		240	-45	1.30	0.000	
8652		19.01	19.01		2216	-13	8.04	268.		1341	-50	0.005		438	-52	1.83	0.000	
8653		19.01	19.01		1416	-47	5.11	82.		947	-61	0.001		415	-50	1.75	0.000	
8654		19.01	19.01		898	-93	3.50	-5.		683	-77	0.000		342	-52	1.63	0.000	
8656		19.01	19.01		5158	-49	18.81	580.		2902	-78	0.016		668	-51	2.37	0.000	
8657		19.01	19.01		2862	-1	10.25	389.		1610	-49	0.008		373	-54	1.73	0.000	
8658		19.01	19.01		2868	14	10.10	429.		1634	-42	0.010		415	-55	1.83	0.000	
8660		19.01	19.01		8459	-408	29.77	273.		4647	-172	0.019		972	-23	3.56	0.006	
8661		19.01	19.01		4795	-278	16.71	97.		2643	-195	0.001		517	-39	1.83	0.000	
8662		19.01	19.01		6234	-186	22.65	407.		3505	-38	0.030		800	-30	2.87	0.003	
8724		19.01	19.01		577	-291	6.39	-66.		187	-9	0.000		0.	151	0.00	0.060	
8725		19.01	19.01		485	-29	1.69	9.		0.	-29	0.000		0.	97	0.00	0.039	
8726		19.01	19.01		0.	-283	5.07	-76.		0.	-92	0.000		0.	160	0.00	0.064	
8727		36.14	36.14		0.	76	0.00	105.		0.	275	0.030		0.	425	0.00	0.047	
8728		36.14	36.14		0.	-234	3.84	-58.		0.	45	0.005		0.	323	0.00	0.036	
8730		36.14	36.14		0.	-360	5.91	-89.		0.	28	0.003		0.	376	0.00	0.041	
8732		19.01	19.01		612	-714	14.06	-179.		16	-200	0.000		0.	-24	0.43	0.000	
8733		19.01	19.01		215	-286	5.58	-72.		0.	0.	0.000		0.	15	0.00	0.006	
8734		19.01	19.01		294	-696	13.09	-181.		56	-286	0.000		0.	-3	0.06	0.000	
8735		36.14	36.14		0.	-510	8.38	-126.		0.	-144	0.000		0.	29	0.00	0.003	
8736		36.14	36.14		224	-756	12.83	-182.		0.	-282	0.000		0.	-25	0.41	0.000	
8738		36.14	36.14		0.	-1090	17.91	-269.		0.	-503	0.000		0.	-3	0.05	0.000	
8739		36.14	36.14		0.	-81	1.33	-20.		0.	210	0.023		0.	706	0.00	0.078	
8740		36.14	36.14		0.	-565	9.29	-139.		0.	-33	0.000		0.	504	0.00	0.055	
8741		36.14	36.14		0.	-887	14.57	-219.		0.	-339	0.000		0.	210	0.00	0.023	
8742		36.14	36.14		0.	-728	11.96	-179.		0.	-341	0.000		0.	20	0.00	0.002	
8743		36.14	36.14		0.	-81	1.34	-20.		0.	209	0.023		0.	704	0.00	0.077	
8744		36.14	36.14		0.	-565	9.28	-139.		0.	-33	0.000		0.	504	0.00	0.055	
8745		36.14	36.14		0.	-885	14.55	-218.		0.	-338	0.000		0.	210	0.00	0.023	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8746		36.14	36.14		0.	-698	11.47	-172.		0.	-326	0.000		0.	21	0.00	0.002	
8747		36.14	36.14		0.	-459	7.55	-113.		0.	173	0.019		0.	587	0.00	0.065	
8748		36.14	36.14		0.	-703	11.55	-173.		0.	-66	0.000		0.	344	0.00	0.038	
8749		36.14	36.14		0.	-789	12.97	-195.		0.	-202	0.000		0.	-10	0.17	0.000	
8750		36.14	36.14		0.	-460	7.56	-113.		0.	172	0.019		0.	587	0.00	0.065	
8751		36.14	36.14		0.	-703	11.55	-173.		0.	-66	0.000		0.	344	0.00	0.038	
8752		36.14	36.14		0.	-789	12.96	-194.		0.	-192	0.000		0.	-10	0.16	0.000	
8754		36.14	36.14		191	-774	13.06	-187.		0.	125	0.014		0.	185	0.00	0.020	
8755		36.14	36.14		0.	-789	12.97	-195.		0.	-217	0.000		0.	203	0.00	0.022	
8756		36.14	36.14		1438	-842	16.42	-180.		510	-120	0.000		168	-9	0.49	0.000	
8757		36.14	36.14		0.	-786	12.92	-194.		0.	-203	0.000		0.	51	0.00	0.006	
8903		19.01	19.01		61	-66	1.31	-16.		0.	23	0.009		0.	23	0.00	0.009	
8904		19.01	19.01		46	19	0.00	57.		0.	25	0.010		0.	22	0.00	0.009	
8905		19.01	19.01		557	78	0.00	286.		0.	86	0.034		0.	81	0.00	0.032	
8911		19.01	19.01		2118	-184	7.75	1.		563	17	0.012		102	17	0.00	0.007	
8912		19.01	19.01		1709	-90	5.98	45.		812	-27	0.004		124	17	0.00	0.007	
8913		19.01	19.01		1173	-170	5.45	-20.		433	7	0.007		95	33	0.00	0.014	
8941		23.29	23.29		130	-185	3.50	-46.		1162	322	0.091		1805	378	0.00	0.109	
8942		19.01	19.01		0.	-173	3.11	-47.		414	191	0.078		1115	204	0.00	0.088	
8943		19.01	19.01		0.	-75	1.34	-20.		367	135	0.056		738	142	0.00	0.061	
8944		19.01	19.01		0.	-76	1.36	-20.		0.	40	0.016		323	49	0.00	0.022	
8945		19.01	19.01		0.	51	0.00	135.		0.	24	0.009		0.	0.	0.00	0.000	
8946		19.01	19.01		0.	18	0.00	47.		0.	32	0.013		0.	24	0.00	0.010	
8947		19.01	19.01		0.	27	0.00	72.		0.	86	0.034		0.	80	0.00	0.032	
8949		19.01	19.01		0.	78	0.00	204.		0.	150	0.060		0.	150	0.00	0.060	
8950		19.01	19.01		0.	38	0.00	100.		0.	106	0.042		0.	104	0.00	0.041	
8951		36.14	36.14		3417	-269	10.78	7.		2859	503	0.061		2765	689	0.00	0.087	
8952		36.14	36.14		2696	-298	9.74	-21.		2762	852	0.116		2774	949	0.00	0.133	
8954		36.14	36.14		0.	-496	8.14	-122.		1659	298	0.036		2552	578	0.00	0.068	
8955		23.29	23.29		1323	-726	15.34	-163.		947	-205	0.000		434	-23	1.44	0.001	
8956		19.01	19.01		153	-481	8.94	-126.		78	-201	0.000		53	16	0.00	0.007	
8957		19.01	19.01		0.	-130	2.34	-35.		0.	-145	0.000		0.	34	0.00	0.013	
8958		19.01	19.01		0.	-72	1.29	-19.		0.	-187	0.000		0.	-48	0.85	0.000	
8959		19.01	19.01		0.	-210	3.77	-57.		0.	-230	0.000		0.	-46	0.83	0.000	
8960		23.29	23.29		0.	-634	11.12	-167.		0.	-194	0.000		0.	21	0.00	0.006	
8962		19.01	19.01		0.	-426	7.64	-115.		0.	-195	0.000		0.	40	0.00	0.016	
8963		19.01	19.01		0.	-116	2.09	-31.		0.	-149	0.000		0.	-8	0.15	0.000	
8964		19.01	19.01		0.	-80	1.44	-22.		0.	-214	0.000		0.	-60	1.08	0.000	
8965		19.01	19.01		0.	-162	2.91	-44.		0.	-231	0.000		0.	-109	1.96	0.000	
9474		36.14	36.14		0.	-383	6.30	-95.		0.	258	0.028		0.	687	0.00	0.076	
9475		36.14	36.14		0.	-468	7.69	-115.		0.	166	0.018		0.	613	0.00	0.067	
9476		36.14	36.14		0.	-266	4.38	-66.		0.	351	0.039		0.	773	0.00	0.088	

ARMATURA INFERIORE VERTICALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE								
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
2118		19.01	19.01		0.	-363	6.52	-98.		303	-182	0.000		405	-191	4.26	0.000	
2120		19.01	19.01		29	-314	5.70	-84.		594	-92	0.000		593	-91	2.84	0.000	
2121		19.01	19.01		25	-316	5.73	-85.		590	-93	0.000		595	-92	2.86	0.000	
2122		19.01	19.01		0.	-144	2.58	-39.		181	28	0.013		180	29	0.00	0.013	
2123		19.01	19.01		0.	-145	2.60	-39.		187	26	0.012		186	27	0.00	0.012	
2124		19.01	19.01		0.	-50	0.90	-13.		0.	57	0.023		0.	57	0.00	0.023	
2125		19.01	19.01		0.	-51	0.92	-14.		0.	55	0.022		0.	55	0.00	0.022	
2126		19.01	19.01		154	-61	1.41	-13.		144	71	0.029		144	72	0.00	0.029	
2127		19.01	19.01		152	-62	1.42	-13.		137	73	0.030		137	73	0.00	0.030	
2128		19.01	19.01		855	96	0.00	377.		1421	195	0.087		1418	194	0.00	0.087	
2129		19.01	19.01		854	96	0.00	377.		1420	195	0.087		1416	194	0.00	0.087	
2132		19.01	19.01		475	-115	3.03	-21.		149	-142	0.000		104	-185	3.53	0.000	
2134		19.01	19.01		132	-114	2.31	-28.		0.	-121	0.000		0.	-120	2.15	0.000	
2135		19.01	19.01		147	-132	2.68	-32.		0.	-116	0.000		0.	-96	1.72	0.000	
2136		19.01	19.01		38	-109	2.04	-29.		0.	-86	0.000		0.	-64	1.16	0.000	
2137		19.01	19.01		45	-118	2.20	-31.		12	-71	0.000		0.	-53	0.95	0.000	
2138		19.01	19.01		83	-84	1.68	-21.		41	-73	0.000		0.	-27	0.48	0.000	
2139		19.01	19.01		25	-113	2.09	-30.		0.	-59	0.000		0.	-23	0.41	0.000	
2140		19.01	19.01		773	-64	2.79	2.		537	-64	0.000		344	-8	1.26	0.002	
2141		19.01	19.01		477	-71	2.26	-9.		325	-45	0.000		226	-3	0.83	0.002	
2145		19.01	19.01		378	-126	3.03	-26.		412	-13	0.002		412	21	0.88	0.012	
2146		19.01	19.01		173	-156	3.16	-38.		42	-86	0.000		36	-65	1.24	0.000	
2147		19.01	19.01		225	-150	3.15	-35.		221	-45	0.000		217	-18	0.78	0.000	
2148		19.01	19.01		56	-128	2.41	-33.		44	-65	0.000		22	-49	0.92	0.000	
2149		19.01	19.01		66	-152	2.86	-39.		73	-63	0.000		72	-60	1.23	0.000	
2150		19.01	19.01		0.	-103	1.84	-28.		0.	-51	0.000		0.	-29	0.53	0.000	
2151		19.01	19.01		0.	-156	2.81	-42.		0.	-95	0.000		0.	-92	1.65	0.000	
2152		19.01	19.01		176	-34	0.97	-5.		38	-7	0.000		0.	4	0.00	0.002	
2153		19.01	19.01		0.	-147	2.63	-39.		0.	-107	0.000		0.	-105	1.89	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2158		19.01		19.01		626	-344	7.46	-79.		542	-318	0.000		448	-298	6.25	0.000	
2159		19.01		19.01		619	-385	8.18	-90.		519	-353	0.000		407	-327	6.70	0.000	
2160		19.01		19.01		662	-390	8.35	-90.		560	-337	0.000		443	-291	6.12	0.000	
2161		19.01		19.01		694	-361	7.90	-82.		604	-303	0.000		501	-250	5.52	0.000	
2162		19.01		19.01		451	-322	6.70	-77.		375	-303	0.000		295	-290	5.81	0.000	
2163		19.01		19.01		464	-343	7.11	-82.		353	-315	0.000		236	-282	5.55	0.000	
2164		19.01		19.01		501	-342	7.16	-81.		401	-301	0.000		293	-266	5.37	0.000	
2165		19.01		19.01		515	-328	6.93	-77.		437	-286	0.000		355	-250	5.21	0.000	
2166		19.01		19.01		297	-307	6.12	-76.		273	-287	0.000		251	-273	5.42	0.000	
2167		19.01		19.01		287	-322	6.37	-80.		220	-294	0.000		167	-264	5.08	0.000	
2168		19.01		19.01		345	-318	6.42	-78.		292	-283	0.000		239	-253	5.03	0.000	
2169		19.01		19.01		403	-304	6.27	-73.		361	-269	0.000		318	-240	4.96	0.000	
2170		19.01		19.01		0.	-282	5.06	-76.		0.	-260	0.000		0.	-244	4.38	0.000	
2171		19.01		19.01		0.	-303	5.44	-82.		0.	-281	0.000		0.	-265	4.75	0.000	
2172		19.01		19.01		0.	-291	5.22	-78.		0.	-264	0.000		0.	-240	4.30	0.000	
2173		19.01		19.01		0.	-261	4.68	-70.		0.	-238	0.000		0.	-215	3.86	0.000	
2174		19.01		19.01		0.	-254	4.55	-68.		0.	-226	0.000		0.	-203	3.64	0.000	
2175		19.01		19.01		0.	-259	4.65	-70.		0.	-236	0.000		0.	-217	3.90	0.000	
2176		19.01		19.01		0.	-242	4.35	-65.		0.	-217	0.000		0.	-196	3.52	0.000	
2177		19.01		19.01		0.	-231	4.14	-62.		0.	-203	0.000		0.	-179	3.21	0.000	
2179		19.01		19.01		2281	190	0.00	833.		2983	275	0.132		2985	276	0.00	0.133	
2180		19.01		19.01		1992	240	0.00	922.		2639	296	0.137		2640	297	0.00	0.137	
2181		19.01		19.01		1968	268	0.00	994.		2494	281	0.130		2495	283	0.00	0.131	
2182		19.01		19.01		0.	209	0.00	549.		0.	300	0.120		0.	315	0.00	0.126	
2183		19.01		19.01		0.	243	0.00	639.		0.	316	0.126		0.	326	0.00	0.130	
2184		19.01		19.01		0.	297	0.00	780.		0.	354	0.141		0.	363	0.00	0.145	
2185		19.01		19.01		0.	352	0.00	925.		0.	380	0.152		0.	381	0.00	0.152	
2186		19.01		19.01		0.	257	0.00	677.		0.	315	0.126		0.	316	0.00	0.126	
2187		19.01		19.01		0.	307	0.00	807.		0.	356	0.142		0.	357	0.00	0.143	
2188		19.01		19.01		0.	359	0.00	944.		0.	408	0.163		0.	409	0.00	0.163	
2189		19.01		19.01		0.	402	0.00	1059.		0.	444	0.178		0.	446	0.00	0.178	
2190		19.01		19.01		0.	269	0.00	708.		0.	313	0.125		0.	315	0.00	0.126	
2191		19.01		19.01		0.	350	0.00	920.		0.	388	0.155		0.	390	0.00	0.156	
2192		19.01		19.01		0.	395	0.00	1038.		0.	442	0.177		0.	451	0.00	0.180	
2193		19.01		19.01		0.	426	0.00	1120.		0.	450	0.180		0.	456	0.00	0.182	
2194		19.01		19.01		0.	260	0.00	685.		0.	296	0.118		0.	297	0.00	0.119	
2195		19.01		19.01		0.	390	0.00	1026.		0.	419	0.167		0.	421	0.00	0.168	
2196		19.01		19.01		0.	456	0.00	1199.		0.	490	0.196		0.	496	0.00	0.198	
2197		19.01		19.01		0.	452	0.00	1188.		0.	465	0.186		0.	471	0.00	0.188	
2198		19.01		19.01		679	185	0.00	586.		703	222	0.092		687	232	0.00	0.096	
2199		19.01		19.01		879	375	0.00	1116.		869	404	0.165		830	412	0.00	0.168	
2204		19.01		19.01		0.	421	0.00	1107.		0.	403	0.161		0.	404	0.00	0.162	
2205		19.01		19.01		0.	468	0.00	1232.		0.	423	0.169		0.	424	0.00	0.169	
2206		19.01		19.01		0.	454	0.00	1195.		0.	458	0.183		0.	459	0.00	0.183	
2207		19.01		19.01		0.	477	0.00	1256.		0.	454	0.181		0.	455	0.00	0.182	
2208		19.01		19.01		0.	467	0.00	1228.		0.	456	0.182		0.	458	0.00	0.183	
2209		19.01		19.01		0.	540	0.00	1420.		0.	481	0.192		0.	472	0.00	0.189	
2210		19.01		19.01		0.	474	0.00	1247.		0.	458	0.183		0.	447	0.00	0.179	
2212		19.01		19.01		1589	504	0.00	1558.		1432	494	0.205		1277	472	0.00	0.195	
2215		19.01		19.01		690	-299	6.77	-65.		1495	-153	0.000		1478	-61	5.26	0.005	
2216		19.01		19.01		100	-259	4.85	-68.		1052	-160	0.000		1248	-104	4.52	0.000	
2217		19.01		19.01		1235	-248	6.97	-40.		892	-72	0.000		802	-20	2.93	0.005	
2218		19.01		19.01		1079	-239	6.50	-41.		825	-108	0.000		759	-71	2.83	0.000	
2219		19.01		19.01		454	-214	4.76	-48.		434	-129	0.000		433	-119	3.01	0.000	
2220		19.01		19.01		968	-207	5.68	-34.		857	-66	0.000		842	-43	2.95	0.002	
2221		19.01		19.01		891	-216	5.69	-38.		782	-62	0.000		771	-42	2.69	0.001	
2222		19.01		19.01		418	-208	4.58	-47.		578	-68	0.000		569	-52	2.09	0.000	
2223		19.01		19.01		922	-187	5.23	-30.		898	-40	0.003		897	-18	3.29	0.006	
2224		19.01		19.01		818	-182	4.94	-31.		834	-21	0.005		833	-5	3.02	0.008	
2225		19.01		19.01		534	-168	4.11	-34.		636	-10	0.005		636	0.	2.28	0.007	
2226		19.01		19.01		852	-176	4.89	-29.		804	-81	0.000		768	-40	2.69	0.002	
2227		19.01		19.01		797	-153	4.37	-24.		782	-40	0.002		756	-9	2.77	0.006	
2228		19.01		19.01		628	-130	3.62	-21.		661	-11	0.005		642	11	2.12	0.011	
2229		19.01		19.01		261	-173	3.64	-41.		0.	-79	0.000		0.	-69	1.25	0.000	
2230		19.01		19.01		431	-142	3.43	-29.		148	-54	0.000		101	-29	0.73	0.000	
2231		19.01		19.01		524	-113	3.10	-19.		294	-30	0.000		252	-1	0.91	0.003	
3703		19.01		19.01		2272	229	0.00	934.		2680	204	0.103		2679	205	0.36	0.103	
3704		19.01		19.01		1893	325	0.00	1133.		2236	275	0.125		2236	277	0.00	0.126	
3705		19.01		19.01		2240	257	0.00	1002.		2749	249	0.120		2749	250	0.00	0.121	
3707		19.01		19.01		2357	140	3.97	708.		3021	212	0.109		3028	215	2.34	0.110	
3713		19.01		19.01		294	-246	5.01	-60.		819	-117	0.000		884	-120	3.95	0.000	
3715		19.01		19.01		0.	-84	1.51	-23.		341	-161	0.000		401	-164	3.76	0.000	
3721		19.01		19.01		122	-103	2.10	-25.		1005	16	0.016		1007	17	3.35	0.016	
3723		19.01		19.01		0.	-290	5.20	-78.		0.	-262	0.000		0.	-239	4.30	0.000	
3727		19.01		19.01		0.	-360	6.46	-97.		0.	-297	0.000		0.	-257	4.62	0.000	
3728		19.01		19.01		0.	-496	8.90	-134.		0.	-429	0.000		0.	-368	6.61	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

3733		19.01	19.01		0.	-322	5.78	-87.		0.	-256	0.000		0.	-218	3.91	0.000	
3737		19.01	19.01		2391	215	0.00	915.		2790	184	0.096		2789	185	3.32	0.097	
3742		19.01	19.01		428	-198	4.43	-44.		753	-92	0.000		823	-90	3.30	0.000	
3743		19.01	19.01		456	-166	3.92	-35.		712	-64	0.000		760	-57	2.69	0.000	
3744		19.01	19.01		414	-26	1.44	6.		448	-57	0.000		442	-49	1.79	0.000	
3745		19.01	19.01		265	-22	0.95	1.		509	-84	0.000		504	-93	2.70	0.000	
3746		19.01	19.01		94	-37	0.86	-8.		451	-126	0.000		502	-135	3.45	0.000	
3747		19.01	19.01		336	-14	1.20	15.		820	31	0.019		825	35	2.12	0.021	
3751		19.01	19.01		0.	-75	1.35	-20.		0.	-65	0.000		351	-57	1.75	0.000	
3755		19.01	19.01		1006	45	2.49	260.		1278	89	0.046		1314	89	1.45	0.046	
3756		19.01	19.01		1661	80	3.82	447.		2095	135	0.071		2122	137	2.84	0.072	
3757		19.01	19.01		2658	133	5.90	727.		2918	115	0.071		2882	122	7.37	0.073	
3758		19.01	19.01		1925	99	4.15	533.		2024	81	0.050		1935	88	4.69	0.051	
3759		19.01	19.01		1133	-45	4.05	52.		1017	-31	0.005		812	-3	2.93	0.008	
3760		19.01	19.01		1047	-48	3.70	38.		934	-91	0.000		978	-12	3.58	0.008	
3761		19.01	19.01		0.	-431	7.73	-116.		746	-205	0.000		820	-207	5.39	0.000	
3762		19.01	19.01		0.	-360	6.46	-97.		293	-182	0.000		399	-190	4.23	0.000	
3763		19.01	19.01		564	-217	5.04	-46.		884	-112	0.000		962	-110	3.93	0.000	
3764		19.01	19.01		0.	-71	1.27	-19.		418	-145	0.000		498	-154	3.78	0.000	
3765		19.01	19.01		0.	-98	1.75	-26.		276	-258	0.000		293	-257	5.21	0.000	
3766		19.01	19.01		0.	-60	1.08	-16.		352	-152	0.000		377	-152	3.51	0.000	
3767		19.01	19.01		310	-40	1.35	-4.		909	22	0.017		915	30	2.64	0.020	
3768		19.01	19.01		195	-133	2.78	-32.		1081	22	0.019		1083	22	3.51	0.019	
3769		19.01	19.01		348	-121	2.87	-25.		1004	59	0.032		1006	60	1.70	0.032	
3770		19.01	19.01		0.	-113	2.04	-31.		0.	-99	0.000		229	-90	2.09	0.000	
3771		19.01	19.01		0.	-414	7.44	-112.		0.	-367	0.000		0.	-325	5.84	0.000	
3773		19.01	19.01		0.	-222	3.99	-60.		0.	-199	0.000		0.	-179	3.22	0.000	
3774		19.01	19.01		0.	-171	3.06	-46.		33	-106	0.000		450	-78	2.32	0.000	
3775		19.01	19.01		0.	-447	8.03	-120.		0.	-381	0.000		0.	-320	5.75	0.000	
3776		19.01	19.01		0.	-428	7.68	-115.		0.	-339	0.000		0.	-255	4.58	0.000	
3777		19.01	19.01		2023	101	4.48	554.		2543	158	0.084		2571	161	3.82	0.085	
3778		19.01	19.01		1946	137	1.67	643.		2536	202	0.101		2543	205	0.00	0.102	
3779		19.01	19.01		1965	195	0.00	801.		2649	315	0.145		2652	317	0.00	0.145	
3780		19.01	19.01		2773	181	3.60	876.		3160	149	0.086		3151	150	7.34	0.086	
3781		19.01	19.01		2094	289	0.00	1067.		2434	244	0.115		2434	245	0.00	0.116	
3782		19.01	19.01		2271	415	0.00	1424.		2599	321	0.146		2599	322	0.00	0.147	
3783		19.01	19.01		851	-120	3.90	-14.		1266	-56	0.004		1240	-8	4.50	0.012	
3784		19.01	19.01		1036	-231	6.27	-39.		1479	-81	0.003		1463	-41	5.33	0.008	
3785		19.01	19.01		1293	-244	7.02	-37.		1439	-54	0.006		1431	-8	5.19	0.014	
3908		19.01	19.01		0.	-119	2.14	-32.		344	-161	0.000		348	-161	3.60	0.000	
3909		19.01	19.01		429	-149	3.55	-31.		172	-141	0.000		121	-149	2.92	0.000	
3910		19.01	19.01		0.	-158	2.84	-43.		521	-107	0.000		551	-108	3.06	0.000	
3911		19.01	19.01		426	-163	3.80	-35.		213	-107	0.000		170	-87	1.91	0.000	
3912		19.01	19.01		0.	-397	7.13	-107.		0.	-361	0.000		0.	-332	5.96	0.000	
3913		19.01	19.01		0.	-467	8.39	-126.		0.	-424	0.000		0.	-387	6.95	0.000	
3914		19.01	19.01		0.	-481	8.64	-130.		0.	-429	0.000		0.	-386	6.93	0.000	
5852		34.83	34.83		0.	1074	0.00	1542.		0.	779	0.095		0.	426	0.00	0.050	
5853		34.83	34.83		10716	-478	31.50	251.		8441	-677	0.001		6240	-690	22.72	0.000	
5858		19.01	19.01		0.	-808	14.51	-218.		0.	-703	0.000		695	-606	12.30	0.000	
5859		19.01	19.01		787	-774	15.50	-191.		902	-712	0.000		1035	-659	13.94	0.000	
5860		30.88	30.88		5152	-478	17.67	-17.		3137	-628	0.000		1585	-712	14.96	0.000	
5863		19.01	19.01		3015	-645	17.73	-107.		2101	-675	0.000		1204	-712	15.24	0.000	
5864		34.83	34.83		0.	717	0.00	1030.		0.	614	0.073		0.	514	0.00	0.061	
5891		30.88	30.88		0.	-264	4.46	-67.		0.	-365	0.000		816	-474	9.53	0.000	
5892		19.01	19.01		0.	-94	1.68	-25.		0.	-285	0.000		685	-482	10.05	0.000	
5893		34.83	34.83		6350	-181	18.27	254.		3123	-253	0.000		0.	-330	5.46	0.000	
5894		30.88	30.88		0.	-81	1.37	-21.		0.	-221	0.000		644	-367	7.40	0.000	
5895		19.01	19.01		0.	-23	0.42	-6.		0.	-213	0.000		677	-407	8.68	0.000	
5896		34.83	34.83		5561	-123	15.81	264.		2379	-202	0.000		0.	-287	4.74	0.000	
5899		30.88	30.88		0.	-20	0.34	-5.		0.	-168	0.000		536	-323	6.45	0.000	
5901		30.88	30.88		0.	236	0.00	381.		0.	175	0.026		0.	137	0.00	0.020	
5902		19.01	19.01		0.	12	0.00	33.		0.	-176	0.000		613	-368	7.86	0.000	
5904		19.01	19.01		0.	194	0.00	509.		0.	157	0.063		0.	120	0.00	0.048	
5912		34.83	34.83		4646	74	11.14	461.		2045	63	0.013		606	82	0.00	0.011	
5913		34.83	34.83		6958	-7	18.49	522.		3990	20	0.015		2071	76	3.97	0.015	
5914		30.88	30.88		0.	151	0.00	244.		0.	132	0.020		0.	129	0.00	0.019	
5915		30.88	30.88		0.	140	0.00	227.		0.	131	0.020		0.	161	0.00	0.024	
5919		34.83	34.83		0.	491	0.00	705.		0.	872	0.114		0.	871	0.00	0.114	
5920		34.83	34.83		0.	359	0.00	515.		0.	684	0.081		0.	683	0.00	0.081	
5923		34.83	34.83		6587	-117	18.54	349.		5085	-138	0.009		3640	-143	10.63	0.005	
5926		30.88	30.88		3630	-108	10.98	155.		2813	-130	0.003		2080	-135	6.54	0.001	
5927		34.83	34.83		0.	-88	1.46	-22.		0.	-157	0.000		0.	-142	2.36	0.000	
5930		34.83	34.83		12907	-114	35.39	832.		10235	-246	0.021		7641	-384	22.64	0.006	
5933		30.88	30.88		3636	-369	13.00	-20.		2983	-303	0.000		2367	-292	9.34	0.000	
5951		30.88	30.88		0.	-247	4.17	-63.		0.	-279	0.000		0.	-322	5.43	0.000	
5952		30.88	30.88		0.	-247	4.17	-63.		0.	-279	0.000		0.	-322	5.43	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5965		34.83	34.83		0.	72	0.00	103.		0.	626	0.074		0.	814	0.00	0.102	
5966		34.83	34.83		0.	-2	0.04	-1.		0.	-172	0.000		0.	-85	1.41	0.000	
5969		19.01	19.01		0.	216	0.00	569.		0.	179	0.072		0.	176	0.00	0.070	
5970		19.01	19.01		0.	-386	6.93	-104.		351	-478	0.000		562	-490	9.94	0.000	
5971		19.01	19.01		0.	-386	6.93	-104.		351	-478	0.000		563	-490	9.94	0.000	
5972		19.01	19.01		0.	-573	10.29	-154.		425	-640	0.000		423	-637	12.29	0.000	
5973		19.01	19.01		0.	-573	10.29	-154.		425	-640	0.000		423	-637	12.29	0.000	
5976		19.01	19.01		0.	15	0.00	40.		0.	-235	0.000		429	-490	9.67	0.000	
5977		19.01	19.01		0.	-28	0.51	-8.		0.	-233	0.000		417	-443	8.79	0.000	
5978		19.01	19.01		0.	-22	0.40	-6.		0.	-213	0.000		381	-409	8.12	0.000	
5980		19.01	19.01		0.	133	0.00	350.		0.	121	0.048		0.	107	0.00	0.043	
5981		19.01	19.01		0.	43	0.00	112.		537	-402	0.000		631	-509	10.43	0.000	
5982		19.01	19.01		0.	-82	1.46	-22.		515	-393	0.000		595	-484	9.89	0.000	
5983		19.01	19.01		0.	-105	1.88	-28.		513	-388	0.000		598	-440	9.11	0.000	
5987		19.01	19.01		0.	78	0.00	205.		0.	104	0.042		655	97	0.00	0.043	
5988		19.01	19.01		0.	277	0.00	728.		0.	221	0.088		0.	215	0.00	0.086	
5990		19.01	19.01		0.	182	0.00	480.		0.	172	0.069		0.	194	0.00	0.077	
5991		19.01	19.01		0.	276	0.00	727.		0.	222	0.089		0.	198	0.00	0.079	
5992		19.01	19.01		0.	357	0.00	939.		0.	258	0.103		0.	195	0.00	0.078	
5995		19.01	19.01		993	-149	4.71	-18.		1005	-115	0.000		996	-127	4.32	0.000	
5998		19.01	19.01		0.	-91	1.64	-25.		0.	-115	0.000		0.	-120	2.15	0.000	
5999		19.01	19.01		439	159	0.00	481.		1705	206	0.094		1724	207	0.00	0.095	
6000		19.01	19.01		447	128	0.00	403.		2021	213	0.100		2017	214	0.00	0.100	
6001		19.01	19.01		381	152	0.00	456.		1658	198	0.091		1692	197	0.00	0.090	
6002		19.01	19.01		495	140	0.00	440.		1547	186	0.085		1571	183	0.00	0.084	
6003		19.01	19.01		404	175	0.00	519.		1274	175	0.078		1315	165	0.00	0.075	
6004		19.01	19.01		869	171	0.00	577.		1701	144	0.071		1736	142	0.00	0.070	
6005		19.01	19.01		876	185	0.00	615.		1650	134	0.066		1691	132	0.00	0.066	
6006		19.01	19.01		674	222	0.00	683.		1095	160	0.071		1166	138	0.00	0.063	
6007		19.01	19.01		923	207	0.00	679.		1634	111	0.057		1696	108	2.41	0.057	
6009		19.01	19.01		0.	-81	1.45	-22.		0.	-134	0.000		0.	-171	3.08	0.000	
6011		19.01	19.01		0.	-85	1.52	-23.		0.	-73	0.000		0.	-52	0.93	0.000	
6012		19.01	19.01		0.	-85	1.52	-23.		0.	-73	0.000		0.	-52	0.94	0.000	
6013		19.01	19.01		0.	-298	5.35	-80.		0.	-486	0.000		0.	-243	4.36	0.000	
6016		19.01	19.01		0.	-323	5.79	-87.		0.	-426	0.000		0.	-227	4.08	0.000	
6019		19.01	19.01		0.	-327	5.87	-88.		0.	-361	0.000		100	-247	4.63	0.000	
6020		19.01	19.01		0.	-339	6.08	-91.		0.	-364	0.000		0.	-239	4.29	0.000	
6021		19.01	19.01		0.	-228	4.09	-61.		0.	-316	0.000		0.	-236	4.23	0.000	
6025		19.01	19.01		0.	-416	7.47	-112.		0.	-348	0.000		248	-274	5.42	0.000	
6026		19.01	19.01		0.	-268	4.82	-72.		0.	-213	0.000		83	-161	3.06	0.000	
6027		19.01	19.01		0.	-53	0.95	-14.		0.	-13	0.000		0.	-93	1.68	0.000	
6029		19.01	19.01		0.	-69	1.24	-19.		0.	-34	0.000		0.	-112	2.02	0.000	
6030		19.01	19.01		0.	-568	10.20	-153.		0.	-452	0.000		0.	-340	6.11	0.000	
6032		19.01	19.01		0.	18	0.00	46.		0.	-101	0.000		0.	-156	2.81	0.000	
6034		19.01	19.01		23	-55	1.03	-14.		162	-201	0.000		223	-298	5.81	0.000	
6040		19.01	19.01		0.	-105	1.89	-28.		673	-101	0.000		832	-84	3.20	0.000	
6043		19.01	19.01		0.	-51	0.92	-14.		173	-16	0.000		370	32	0.00	0.016	
6044		19.01	19.01		0.	-29	0.53	-8.		521	-6	0.004		657	-22	2.37	0.003	
6045		19.01	19.01		0.	-78	1.40	-21.		546	-61	0.000		760	-42	2.65	0.001	
6046		19.01	19.01		0.	55	0.00	146.		101	22	0.009		284	32	0.00	0.015	
6047		19.01	19.01		0.	-3	0.05	-1.		131	-3	0.001		323	7	1.03	0.006	
6049		19.01	19.01		372	-3	1.35	43.		476	-15	0.002		504	-11	1.85	0.003	
6050		19.01	19.01		623	-28	2.20	23.		681	-23	0.003		683	-23	2.47	0.003	
6052		19.01	19.01		0.	-19	0.35	-5.		0.	-7	0.000		190	42	0.00	0.018	
6053		19.01	19.01		0.	104	0.00	274.		122	45	0.019		255	54	0.00	0.023	
6056		19.01	19.01		1112	-368	8.88	-75.		1135	-333	0.000		1149	-324	8.16	0.000	
6057		19.01	19.01		1186	-371	9.07	-74.		1222	-339	0.000		1232	-329	8.42	0.000	
6058		19.01	19.01		1066	-285	7.30	-53.		1108	-264	0.000		1138	-254	6.89	0.000	
6059		19.01	19.01		1141	-281	7.37	-51.		1188	-259	0.000		1203	-254	7.02	0.000	
6061		19.01	19.01		1159	-352	8.69	-69.		1200	-331	0.000		1213	-325	8.31	0.000	
6062		19.01	19.01		703	-26	2.53	36.		712	-18	0.004		697	-11	2.56	0.005	
6065		19.01	19.01		117	-43	1.00	-9.		587	20	0.013		602	21	1.71	0.014	
6066		19.01	19.01		282	-21	1.00	2.		987	55	0.030		1004	56	1.94	0.031	
6067		19.01	19.01		0.	12	0.00	32.		155	-2	0.001		479	-2	1.73	0.005	
6068		19.01	19.01		5395	139	16.77	1113.		6113	92	0.096		6106	98	20.38	0.098	
6071		19.01	19.01		757	13	2.52	137.		1654	94	0.051		1678	94	3.17	0.052	
6073		19.01	19.01		3644	129	10.27	848.		4618	210	0.123		4613	212	11.10	0.124	
6074		19.01	19.01		3195	103	9.33	717.		4299	181	0.109		4298	183	10.96	0.110	
6075		19.01	19.01		2591	96	7.17	614.		3650	164	0.096		3662	168	8.84	0.098	
6076		19.01	19.01		5090	192	13.93	1217.		5986	155	0.116		5983	156	18.56	0.117	
6077		19.01	19.01		5320	188	14.99	1239.		6170	179	0.127		6167	180	18.59	0.127	
6078		19.01	19.01		4541	161	12.77	1059.		5334	195	0.124		5331	196	14.75	0.125	
6079		19.01	19.01		0.	-414	7.43	-111.		0.	-337	0.000		0.	-264	4.74	0.000	
6080		19.01	19.01		0.	-384	6.89	-103.		0.	-306	0.000		0.	-232	4.17	0.000	
6082		19.01	19.01		0.	-480	8.61	-129.		0.	-373	0.000		0.	-271	4.87	0.000	
6083		19.01	19.01		0.	-246	4.43	-66.		0.	-217	0.000		0.	-191	3.43	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6205		34.83	34.83	0.	-354	5.85	-88.	0.	-235	0.000	0.	-258	4.27	0.000
6207		34.83	34.83	0.	-277	4.58	-69.	0.	-188	0.000	0.	-211	3.49	0.000
6208		34.83	34.83	0.	-71	1.17	-18.	0.	68	0.008	0.	2	0.00	0.000
6209		34.83	34.83	0.	-353	5.85	-88.	0.	-235	0.000	0.	-258	4.27	0.000
6210		34.83	34.83	0.	-70	1.16	-17.	0.	68	0.008	0.	3	0.00	0.000
6211		34.83	34.83	0.	-277	4.58	-69.	0.	-188	0.000	0.	-211	3.49	0.000
6221		19.01	19.01	0.	348	0.00	916.	0.	265	0.106	0.	247	0.00	0.099
6224		19.01	19.01	0.	297	0.00	782.	0.	232	0.092	0.	217	0.00	0.087
6233		34.83	34.83	0.	110	0.00	159.	0.	111	0.013	0.	183	0.00	0.022
6235		19.01	19.01	0.	221	0.00	582.	0.	186	0.074	0.	216	0.00	0.086
6236		34.83	34.83	0.	122	0.00	175.	0.	124	0.015	0.	162	0.00	0.019
6241		34.83	34.83	60	153	0.00	224.	781	849	0.113	913	1236	0.00	0.189
6242		34.83	34.83	0.	76	0.00	109.	0.	711	0.084	0.	882	0.00	0.116
6243		34.83	34.83	0.	334	0.00	480.	0.	850	0.110	0.	1149	0.00	0.168
6244		19.01	19.01	0.	-172	3.08	-46.	226	-175	0.000	485	-190	4.40	0.000
6245		19.01	19.01	0.	-141	2.53	-38.	0.	-209	0.000	0.	-240	4.31	0.000
6246		19.01	19.01	0.	-172	3.09	-46.	0.	-187	0.000	0.	-182	3.27	0.000
6247		19.01	19.01	0.	-152	2.74	-41.	0.	-206	0.000	0.	-186	3.34	0.000
6248		19.01	19.01	0.	-199	3.57	-54.	0.	-85	0.000	0.	-85	1.52	0.000
6249		19.01	19.01	0.	-201	3.61	-54.	0.	-82	0.000	0.	-79	1.42	0.000
6250		19.01	19.01	0.	-135	2.43	-36.	0.	-1	0.000	0.	0.	0.00	0.000
6251		19.01	19.01	0.	-116	2.09	-31.	0.	19	0.008	0.	19	0.00	0.008
6252		19.01	19.01	100	-71	1.48	-17.	183	48	0.020	183	50	0.00	0.021
6253		19.01	19.01	0.	-36	0.65	-10.	0.	86	0.034	0.	86	0.00	0.034
6254		19.01	19.01	576	-53	2.13	-2.	428	25	0.013	390	60	0.00	0.026
6255		19.01	19.01	533	-10	1.95	48.	495	53	0.025	465	97	0.00	0.042
8630		19.01	19.01	207	-36	1.07	-5.	659	-28	0.002	790	-14	2.90	0.006
8631		19.01	19.01	0.	-77	1.38	-21.	348	-28	0.000	628	-8	2.30	0.005
8632		19.01	19.01	0.	-102	1.83	-27.	320	-45	0.000	617	-22	2.22	0.003
8633		19.01	19.01	88	-16	0.47	-2.	264	-9	0.001	394	-6	1.44	0.003
8634		19.01	19.01	180	-11	0.63	3.	328	-8	0.002	429	-1	1.54	0.004
8636		19.01	19.01	0.	-6	0.10	-1.	207	-6	0.001	374	2	1.32	0.005
8637		19.01	19.01	117	-171	3.30	-43.	387	-252	0.000	448	-346	7.12	0.000
8638		19.01	19.01	271	-186	3.88	-44.	265	-226	0.000	258	-289	5.71	0.000
8639		19.01	19.01	50	-186	3.43	-49.	737	-224	0.000	746	-236	5.76	0.000
8640		19.01	19.01	81	-122	2.35	-31.	563	-186	0.000	599	-218	5.13	0.000
8641		19.01	19.01	0.	-109	1.96	-29.	877	-125	0.000	891	-121	3.99	0.000
8642		19.01	19.01	8	-157	2.83	-42.	741	-159	0.000	785	-180	4.82	0.000
8643		19.01	19.01	0.	-43	0.76	-11.	539	-52	0.000	842	-67	3.02	0.000
8644		19.01	19.01	0.	-506	9.09	-136.	0.	-472	0.000	460	-386	7.86	0.000
8645		19.01	19.01	0.	-588	10.55	-158.	0.	-478	0.000	293	-364	7.13	0.000
8646		19.01	19.01	0.	-544	9.76	-146.	0.	-454	0.000	162	-370	6.96	0.000
8648		19.01	19.01	0.	-837	15.03	-226.	0.	-737	0.000	746	-646	13.12	0.000
8649		19.01	19.01	0.	-815	14.63	-219.	0.	-706	0.000	698	-605	12.28	0.000
8650		19.01	19.01	0.	-617	11.08	-166.	0.	-627	0.000	553	-646	12.72	0.000
8652		19.01	19.01	1716	-755	17.05	-166.	1401	-704	0.000	1102	-662	14.14	0.000
8653		19.01	19.01	743	-775	15.42	-192.	879	-712	0.000	1032	-659	13.93	0.000
8654		19.01	19.01	282	-662	12.46	-172.	608	-660	0.000	950	-667	13.90	0.000
8656		19.01	19.01	3118	-664	18.28	-110.	2142	-682	0.000	1182	-706	15.09	0.000
8657		19.01	19.01	2977	-643	17.60	-107.	2079	-674	0.000	1198	-713	15.24	0.000
8658		19.01	19.01	2333	-647	16.37	-123.	1717	-674	0.000	1117	-709	15.00	0.000
8660		34.83	34.83	5356	-448	17.37	1.	3404	-611	0.000	1556	-694	14.30	0.000
8661		19.01	19.01	5102	-486	19.12	-18.	3082	-633	0.000	1559	-716	16.03	0.000
8662		19.01	19.01	3732	-601	18.40	-80.	2540	-681	0.000	1364	-724	15.77	0.000
8724		34.83	34.83	11970	-407	34.71	405.	9458	-656	0.003	7029	-676	23.92	0.000
8725		34.83	34.83	10005	-550	29.88	151.	7913	-698	0.000	5890	-704	22.32	0.000
8726		34.83	34.83	11968	-407	34.71	405.	9457	-656	0.003	7028	-677	23.92	0.000
8727		34.83	34.83	0.	1012	0.00	1453.	0.	760	0.092	0.	452	0.00	0.053
8728		34.83	34.83	0.	966	0.00	1386.	0.	786	0.097	0.	472	0.00	0.056
8730		34.83	34.83	0.	1049	0.00	1505.	0.	788	0.097	0.	450	0.00	0.053
8732		34.83	34.83	6998	-183	20.05	299.	3421	-275	0.000	0.	-371	6.14	0.000
8733		34.83	34.83	5630	-337	16.97	66.	3015	-368	0.000	424	-404	7.46	0.000
8734		34.83	34.83	7170	-309	21.04	178.	3644	-407	0.000	0.	-511	8.45	0.000
8735		34.83	34.83	0.	-3	0.05	-1.	0.	-45	0.000	0.	-66	1.10	0.000
8736		34.83	34.83	0.	-86	1.43	-21.	0.	-113	0.000	0.	-117	1.93	0.000
8738		34.83	34.83	0.	-201	3.32	-50.	0.	-28	0.000	0.	-51	0.84	0.000
8739		34.83	34.83	0.	496	0.00	712.	0.	530	0.063	0.	406	0.00	0.048
8740		34.83	34.83	0.	272	0.00	391.	0.	368	0.044	0.	260	0.00	0.031
8741		34.83	34.83	0.	82	0.00	118.	0.	115	0.014	0.	92	0.00	0.011
8742		34.83	34.83	0.	9	0.00	13.	0.	19	0.002	0.	-31	0.52	0.000
8743		34.83	34.83	0.	847	0.00	1216.	0.	747	0.089	0.	460	0.00	0.054
8744		34.83	34.83	0.	558	0.00	800.	0.	635	0.075	0.	431	0.00	0.051
8745		34.83	34.83	0.	131	0.00	189.	0.	237	0.028	0.	245	0.00	0.029
8746		34.83	34.83	0.	-92	1.52	-23.	0.	-3	0.000	0.	40	0.00	0.005
8747		34.83	34.83	0.	-32	0.53	-8.	0.	56	0.007	0.	331	0.00	0.039
8748		34.83	34.83	0.	-12	0.21	-3.	0.	-126	0.000	0.	139	0.00	0.016

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8749		34.83	34.83		0.	-153	2.53	-38.		0.	-170	0.000		0.	-84	1.40	0.000
8750		34.83	34.83		0.	205	0.00	294.		0.	525	0.062		0.	555	0.00	0.066
8751		34.83	34.83		0.	62	0.00	89.		0.	296	0.035		0.	348	0.00	0.041
8752		34.83	34.83		0.	-7	0.12	-2.		0.	-62	0.000		0.	-9	0.15	0.000
8754		34.83	34.83		0.	-40	0.66	-10.		0.	34	0.004		0.	86	0.00	0.010
8755		34.83	34.83		0.	28	0.00	41.		0.	129	0.015		0.	204	0.00	0.024
8756		34.83	34.83		0.	28	0.00	40.		0.	81	0.010		0.	82	0.00	0.010
8757		34.83	34.83		0.	132	0.00	190.		0.	249	0.029		0.	249	0.00	0.029
8903		34.83	34.83		0.	160	0.00	229.		0.	169	0.020		0.	169	0.00	0.020
8904		34.83	34.83		652	139	0.00	252.		0.	157	0.019		0.	127	0.00	0.015
8905		34.83	34.83		1959	302	0.00	590.		0.	223	0.026		0.	197	0.00	0.023
8911		34.83	34.83		3143	107	6.25	396.		630	81	0.011		0.	79	0.00	0.009
8912		34.83	34.83		1772	99	2.22	282.		0.	82	0.010		0.	81	0.00	0.010
8913		34.83	34.83		2272	150	1.76	396.		0.	110	0.013		0.	108	0.00	0.013
8941		34.83	34.83		8653	-21	23.14	633.		6002	-2	0.020		3369	69	7.77	0.018
8942		34.83	34.83		0.	124	0.00	178.		0.	122	0.014		0.	199	0.00	0.024
8943		34.83	34.83		0.	175	0.00	252.		0.	170	0.020		0.	189	0.00	0.022
8944		19.01	19.01		0.	272	0.00	715.		0.	223	0.089		0.	239	0.00	0.096
8945		19.01	19.01		0.	387	0.00	1017.		0.	288	0.115		0.	256	0.00	0.102
8946		19.01	19.01		0.	424	0.00	1115.		0.	293	0.117		0.	196	0.00	0.078
8947		19.01	19.01		658	228	0.00	697.		1194	101	0.050		1307	93	1.00	0.048
8949		19.01	19.01		3302	131	8.80	808.		3791	88	0.070		3942	110	12.05	0.079
8950		19.01	19.01		4164	183	10.39	1068.		4676	120	0.091		4721	127	14.53	0.094
8951		34.83	34.83		0.	615	0.00	883.		0.	989	0.137		0.	989	0.00	0.137
8952		34.83	34.83		0.	549	0.00	788.		0.	928	0.125		0.	927	0.00	0.125
8954		34.83	34.83		0.	596	0.00	855.		0.	1023	0.144		0.	1022	0.00	0.143
8955		34.83	34.83		11666	-374	33.74	420.		8496	-259	0.014		5329	-149	15.31	0.010
8956		30.88	30.88		1150	-290	7.03	-50.		1204	-232	0.000		1243	-151	4.86	0.000
8957		19.01	19.01		0.	-213	3.82	-57.		0.	-397	0.000		0.	-178	3.20	0.000
8958		19.01	19.01		0.	-183	3.29	-49.		0.	-344	0.000		0.	-211	3.80	0.000
8959		19.01	19.01		0.	-210	3.76	-56.		0.	-358	0.000		0.	-245	4.40	0.000
8960		34.83	34.83		10999	-169	30.77	615.		7655	-240	0.013		4615	109	10.35	0.026
8962		30.88	30.88		0.	-290	4.89	-73.		335	-134	0.000		745	30	1.47	0.007
8963		19.01	19.01		0.	-175	3.14	-47.		0.	-343	0.000		0.	-81	1.46	0.000
8964		19.01	19.01		0.	-58	1.05	-16.		0.	-278	0.000		0.	-180	3.22	0.000
8965		19.01	19.01		0.	-79	1.43	-21.		0.	-332	0.000		0.	-246	4.42	0.000
9474		34.83	34.83		0.	13	0.00	19.		0.	162	0.019		0.	451	0.00	0.053
9475		34.83	34.83		0.	36	0.00	51.		0.	330	0.039		0.	513	0.00	0.061
9476		34.83	34.83		0.	65	0.00	93.		0.	494	0.058		0.	663	0.00	0.078

ARMATURA SUPERIORE ORIZZONTALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE							
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP				
2118		19.01	19.01		1450	-89	5.05	24.		530	-33	0.001		96	-17	0.11	0.000
2120		19.01	19.01		918	14	3.07	164.		668	39	0.021		613	33	1.23	0.018
2121		19.01	19.01		526	-35	1.84	7.		453	3	0.006		444	7	1.48	0.007
2122		19.01	19.01		658	18	2.03	137.		1085	7	0.014		1077	7	3.77	0.014
2123		19.01	19.01		296	21	0.21	99.		451	64	0.028		450	63	0.00	0.028
2124		19.01	19.01		662	-38	2.31	14.		1106	-68	0.001		1104	-68	3.84	0.001
2125		19.01	19.01		226	4	0.75	41.		379	-15	0.001		378	-15	1.35	0.001
2126		19.01	19.01		620	-47	2.20	4.		1309	-59	0.004		1306	-59	4.62	0.004
2127		19.01	19.01		234	14	0.41	70.		503	50	0.024		501	50	0.00	0.024
2128		19.01	19.01		600	-98	0.54	-40.		1310	-21	0.010		1307	-20	4.79	0.010
2129		19.01	19.01		141	55	0.00	165.		516	113	0.048		515	113	0.00	0.048
2132		19.01	19.01		179	-102	1.47	-31.		95	-18	0.000		96	-44	0.59	0.000
2134		19.01	19.01		113	-9	0.40	0.		63	-8	0.000		124	-1	0.45	0.001
2135		19.01	19.01		165	-14	0.59	0.		147	-11	0.000		199	9	0.50	0.005
2136		19.01	19.01		183	4	0.59	35.		79	-4	0.000		63	0.	0.22	0.001
2137		19.01	19.01		369	-6	1.35	35.		259	-11	0.001		191	10	0.41	0.006
2138		19.01	19.01		73	12	0.00	42.		25	-2	0.000		25	-1	0.09	0.000
2139		19.01	19.01		440	11	1.37	91.		266	-9	0.001		154	0.	0.55	0.002
2140		19.01	19.01		16	16	0.00	44.		0.	1	0.000		9	-2	0.02	0.000
2141		19.01	19.01		456	28	0.71	139.		287	-9	0.001		154	-7	0.54	0.000
2145		19.01	19.01		28	0.	0.10	3.		0.	62	0.025		0.	61	0.00	0.024
2146		19.01	19.01		0.	-15	0.27	-4.		174	55	0.023		240	76	0.00	0.032
2147		19.01	19.01		96	8	0.00	36.		173	65	0.027		173	66	0.00	0.027
2148		19.01	19.01		0.	-4	0.07	-1.		28	51	0.021		96	84	0.00	0.034
2149		19.01	19.01		47	16	0.00	50.		163	38	0.016		163	39	0.00	0.016
2150		19.01	19.01		0.	8	0.00	22.		0.	53	0.021		0.	78	0.00	0.031
2151		19.01	19.01		45	17	0.00	51.		8	29	0.012		2	25	0.00	0.010
2152		19.01	19.01		45	15	0.00	45.		22	50	0.020		18	63	0.00	0.025
2153		19.01	19.01		147	18	0.00	69.		116	26	0.011		107	20	0.00	0.009
2158		19.01	19.01		412	-37	0.18	-19.		277	-5	0.002		144	-8	0.50	0.000
2159		19.01	19.01		0.	-28	0.50	-8.		0.	-17	0.000		56	19	0.00	0.008
2160		19.01	19.01		0.	-24	0.44	-7.		32	-8	0.000		133	25	0.00	0.011

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2161		19.01	19.01		504	-27	1.76	13.		362	-20	0.001		237	15	0.34	0.008	
2162		19.01	19.01		18	-1	0.06	0.		46	1	0.001		72	5	0.10	0.002	
2163		19.01	19.01		0.	2	0.00	4.		0.	11	0.004		0.	20	0.00	0.008	
2164		19.01	19.01		0.	-6	0.10	-1.		0.	5	0.002		0.	17	0.00	0.007	
2165		19.01	19.01		192	-4	0.71	16.		230	1	0.003		242	7	0.73	0.005	
2166		19.01	19.01		0.	0.	0.00	0.		24	-1	0.000		73	-3	0.26	0.000	
2167		19.01	19.01		0.	-20	0.35	-5.		0.	-19	0.000		0.	-5	0.09	0.000	
2168		19.01	19.01		0.	-22	0.40	-6.		0.	-20	0.000		0.	-17	0.31	0.000	
2169		19.01	19.01		72	-3	0.26	3.		122	-3	0.001		167	-3	0.61	0.001	
2170		19.01	19.01		253	-2	0.92	30.		204	-10	0.001		173	-17	0.04	0.000	
2171		19.01	19.01		0.	-20	0.36	-5.		0.	-29	0.000		0.	-13	0.23	0.000	
2172		19.01	19.01		0.	-23	0.40	-6.		0.	-29	0.000		0.	-35	0.63	0.000	
2173		19.01	19.01		107	-5	0.38	3.		91	-11	0.000		121	-17	0.06	0.000	
2174		19.01	19.01		437	-1	1.58	57.		380	-11	0.002		338	-22	1.18	0.000	
2175		19.01	19.01		0.	-19	0.35	-5.		0.	-33	0.000		0.	-15	0.26	0.000	
2176		19.01	19.01		0.	-19	0.35	-5.		0.	-30	0.000		0.	-41	0.73	0.000	
2177		19.01	19.01		285	2	1.00	43.		230	-7	0.001		188	-17	0.08	0.000	
2179		19.01	19.01		0.	-120	2.15	-32.		0.	-2	0.000		0.	-2	0.04	0.000	
2180		19.01	19.01		65	-126	2.13	-35.		0.	0.	0.000		0.	0.	0.00	0.000	
2181		19.01	19.01		3359	-61	12.31	306.		3771	38	0.053		3760	42	12.90	0.054	
2182		19.01	19.01		0.	-53	0.95	-14.		0.	25	0.010		0.	25	0.00	0.010	
2183		19.01	19.01		0.	-45	0.81	-12.		0.	48	0.019		0.	48	0.00	0.019	
2184		19.01	19.01		696	-60	2.54	1.		706	42	0.022		705	42	1.21	0.022	
2185		19.01	19.01		2966	-79	10.82	213.		3498	-6	0.037		3496	-6	12.57	0.037	
2186		19.01	19.01		146	28	0.00	94.		165	40	0.017		164	42	0.00	0.018	
2187		19.01	19.01		404	34	0.00	148.		461	69	0.030		460	69	0.00	0.030	
2188		19.01	19.01		1204	1	4.30	167.		1424	45	0.031		1423	45	4.17	0.031	
2189		19.01	19.01		2288	-60	8.35	168.		2749	-18	0.026		2749	-18	9.98	0.026	
2190		19.01	19.01		363	54	0.00	195.		436	54	0.025		435	54	0.00	0.025	
2191		19.01	19.01		556	91	0.00	321.		680	100	0.045		679	100	0.00	0.044	
2192		19.01	19.01		978	55	1.84	285.		1185	75	0.040		1185	75	1.68	0.040	
2193		19.01	19.01		1626	-31	5.96	146.		1866	-5	0.019		1862	-4	6.70	0.019	
2194		19.01	19.01		209	54	0.00	173.		295	81	0.034		308	74	0.00	0.031	
2195		19.01	19.01		246	132	0.00	383.		363	128	0.053		388	124	0.00	0.051	
2196		19.01	19.01		414	141	0.00	431.		563	145	0.061		576	139	0.00	0.059	
2197		19.01	19.01		1297	82	1.84	404.		1358	91	0.047		1343	86	1.82	0.045	
2198		19.01	19.01		38	38	0.00	106.		123	67	0.027		149	62	0.00	0.025	
2199		19.01	19.01		0.	157	0.00	413.		47	148	0.059		123	139	0.00	0.056	
2201		19.01	19.01		1373	163	0.00	630.		1357	161	0.074		1329	153	0.00	0.071	
2204		19.01	19.01		3157	43	10.69	545.		3291	94	0.067		3289	94	9.96	0.067	
2205		19.01	19.01		110	14	0.00	53.		109	33	0.014		108	35	0.00	0.014	
2206		19.01	19.01		2388	-68	8.69	163.		2500	-39	0.019		2498	-32	9.14	0.021	
2207		19.01	19.01		686	8	2.36	114.		768	-5	0.007		767	-4	2.78	0.008	
2208		19.01	19.01		1523	-12	5.54	177.		1562	-41	0.009		1549	-56	5.57	0.006	
2209		19.01	19.01		507	49	0.00	202.		614	26	0.015		625	22	1.77	0.014	
2210		19.01	19.01		1356	96	1.12	449.		1213	62	0.035		1093	35	3.22	0.023	
2211		19.01	19.01		115	136	0.00	373.		178	107	0.043		205	92	0.00	0.038	
2212		19.01	19.01		1226	170	0.00	626.		1102	135	0.061		980	100	0.00	0.047	
2213		19.01	19.01		0.	216	0.00	569.		0.	183	0.073		0.	157	0.00	0.063	
2215		19.01	19.01		0.	-326	5.85	-88.		0.	-229	0.000		0.	-90	1.62	0.000	
2216		19.01	19.01		849	-386	5.20	-123.		0.	-175	0.000		0.	-69	1.23	0.000	
2217		19.01	19.01		0.	-208	3.73	-56.		0.	-136	0.000		0.	-81	1.46	0.000	
2218		19.01	19.01		0.	-127	2.29	-34.		0.	-110	0.000		0.	-77	1.39	0.000	
2219		19.01	19.01		801	-98	0.12	-44.		0.	-87	0.000		0.	-87	1.55	0.000	
2220		19.01	19.01		367	-6	1.34	34.		41	-5	0.000		0.	-13	0.24	0.000	
2221		19.01	19.01		280	-12	1.00	11.		0.	-49	0.000		0.	-49	0.89	0.000	
2222		19.01	19.01		552	-14	2.02	42.		0.	-73	0.000		0.	-74	1.32	0.000	
2223		19.01	19.01		578	4	2.02	90.		455	6	0.007		398	16	1.03	0.010	
2224		19.01	19.01		440	0.	1.58	59.		221	6	0.004		217	12	0.39	0.007	
2225		19.01	19.01		374	-34	0.15	-17.		37	-10	0.000		38	-10	0.10	0.000	
2226		19.01	19.01		576	-11	2.11	51.		518	-9	0.004		499	-3	1.81	0.005	
2227		19.01	19.01		440	-11	1.61	33.		362	16	0.009		358	26	0.23	0.013	
2228		19.01	19.01		191	-21	0.02	-10.		103	30	0.012		99	43	0.00	0.017	
2229		19.01	19.01		499	-4	1.82	57.		472	-24	0.001		463	-20	1.64	0.001	
2230		19.01	19.01		367	-20	1.28	8.		352	6	0.006		347	19	0.70	0.010	
2231		19.01	19.01		50	-18	0.21	-6.		56	37	0.015		50	62	0.00	0.025	
3703		19.01	19.01		960	-5	3.48	118.		928	93	0.044		928	93	0.00	0.044	
3704		19.01	19.01		3378	70	10.94	649.		3504	139	0.086		3502	139	9.34	0.086	
3705		19.01	19.01		3844	50	13.06	658.		4005	135	0.089		4011	136	11.51	0.089	
3707		19.01	19.01		0.	-126	2.26	-34.		0.	-19	0.000		0.	-14	0.25	0.000	
3713		19.01	19.01		1161	-195	1.13	-78.		619	-121	0.000		373	-35	0.13	0.000	
3715		19.01	19.01		79	-165	2.81	-46.		18	-115	0.000		17	-62	1.09	0.000	
3721		19.01	19.01		199	-136	2.04	-41.		218	23	0.011		218	32	0.00	0.014	
3723		19.01	19.01		301	-136	1.82	-43.		97	-29	0.000		45	-39	0.61	0.000	
3727		19.01	19.01		256	-168	2.50	-51.		127	-66	0.000		3	-85	1.52	0.000	
3728		19.01	19.01		217	-64	0.71	-22.		154	-6	0.001		162	-17	0.03	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

3733		19.01	19.01		177	-135	2.07	-40.		72	-39	0.000		24	-44	0.75	0.000	
3737		19.01	19.01		0.	-195	3.50	-52.		0.	-67	0.000		0.	-51	0.91	0.000	
3742		19.01	19.01		2021	-353	2.21	-140.		1552	-275	0.000		1088	-192	1.24	0.000	
3743		19.01	19.01		1126	-385	4.61	-128.		890	-269	0.000		624	-147	1.37	0.000	
3744		19.01	19.01		377	-329	5.14	-97.		228	-251	0.000		76	-169	2.87	0.000	
3745		19.01	19.01		531	-261	3.60	-82.		377	-224	0.000		303	-126	1.64	0.000	
3746		19.01	19.01		473	-287	4.20	-88.		399	-152	0.000		372	-181	2.49	0.000	
3747		19.01	19.01		413	-403	6.40	-118.		376	-147	0.000		143	-29	0.22	0.000	
3751		19.01	19.01		471	-343	5.20	-103.		547	-103	0.000		583	-62	0.07	0.000	
3755		19.01	19.01		0.	-482	8.65	-130.		0.	-288	0.000		0.	-169	3.04	0.000	
3756		19.01	19.01		0.	-514	9.22	-138.		0.	-118	0.000		0.	-118	2.11	0.000	
3757		19.01	19.01		181	-196	3.15	-57.		290	-92	0.000		334	-50	0.21	0.000	
3758		19.01	19.01		0.	-606	10.87	-163.		0.	-351	0.000		0.	-184	3.31	0.000	
3759		19.01	19.01		0.	-969	17.40	-261.		0.	-297	0.000		0.	-298	5.34	0.000	
3760		19.01	19.01		0.	-1231	22.10	-332.		0.	-822	0.000		0.	-410	7.36	0.000	
3761		19.01	19.01		662	-40	2.31	11.		318	-30	0.000		228	-8	0.82	0.001	
3762		19.01	19.01		928	-144	0.70	-59.		510	-94	0.000		327	-37	0.00	0.000	
3763		19.01	19.01		803	-225	2.41	-78.		380	-156	0.000		185	-64	0.78	0.000	
3764		19.01	19.01		74	-130	2.18	-37.		0.	-76	0.000		0.	-62	1.12	0.000	
3765		19.01	19.01		183	-153	2.38	-45.		73	-56	0.000		54	-28	0.39	0.000	
3766		19.01	19.01		114	-146	2.40	-42.		51	-63	0.000		47	-58	0.94	0.000	
3767		19.01	19.01		82	-125	2.08	-35.		66	-21	0.000		0.	5	0.00	0.002	
3768		19.01	19.01		121	-133	2.15	-39.		107	-9	0.000		84	20	0.00	0.008	
3769		19.01	19.01		59	-115	1.94	-32.		17	-3	0.000		18	25	0.00	0.010	
3770		19.01	19.01		292	-196	2.92	-59.		89	-61	0.000		32	-33	0.53	0.000	
3771		19.01	19.01		470	-112	1.05	-40.		258	-33	0.000		52	-1	0.19	0.000	
3773		19.01	19.01		482	-132	1.39	-46.		246	-39	0.000		43	0.	0.16	0.000	
3774		19.01	19.01		321	-214	3.19	-65.		98	-77	0.000		45	-38	0.59	0.000	
3775		19.01	19.01		425	-137	1.59	-46.		218	-40	0.000		39	-37	0.58	0.000	
3776		19.01	19.01		342	-138	1.79	-45.		140	-40	0.000		3	-6	0.10	0.000	
3777		19.01	19.01		0.	-142	2.54	-38.		0.	-30	0.000		0.	-33	0.58	0.000	
3778		19.01	19.01		0.	-105	1.89	-28.		0.	-5	0.000		0.	-5	0.09	0.000	
3779		19.01	19.01		0.	-88	1.57	-24.		0.	6	0.003		0.	7	0.00	0.003	
3780		19.01	19.01		0.	-144	2.59	-39.		0.	-61	0.000		0.	-45	0.82	0.000	
3781		19.01	19.01		0.	-104	1.86	-28.		0.	-14	0.000		0.	-9	0.16	0.000	
3782		19.01	19.01		0.	-101	1.82	-27.		0.	-35	0.000		0.	-23	0.40	0.000	
3783		19.01	19.01		0.	-458	8.22	-123.		0.	-271	0.000		0.	-106	1.91	0.000	
3784		19.01	19.01		0.	-444	7.96	-119.		0.	-280	0.000		0.	-137	2.46	0.000	
3785		19.01	19.01		0.	-331	5.95	-89.		0.	-196	0.000		0.	-82	1.47	0.000	
3908		19.01	19.01		0.	-183	3.28	-49.		0.	-78	0.000		0.	-7	0.12	0.000	
3909		19.01	19.01		0.	-97	1.74	-26.		41	-16	0.000		92	-21	0.18	0.000	
3910		19.01	19.01		0.	-144	2.58	-39.		269	-36	0.000		290	-30	0.05	0.000	
3911		19.01	19.01		0.	-51	0.91	-14.		207	32	0.014		233	38	0.00	0.017	
3912		19.01	19.01		101	-92	1.44	-27.		36	-23	0.000		49	-45	0.70	0.000	
3913		19.01	19.01		180	-77	1.01	-25.		149	-18	0.000		132	-34	0.34	0.000	
3914		19.01	19.01		0.	-110	1.98	-30.		0.	-49	0.000		14	-74	1.29	0.000	
3915		19.01	19.01		91	199	0.00	536.		160	194	0.078		168	184	0.00	0.074	
5852		36.14	36.14		0.	-337	5.54	-83.		0.	-8	0.000		0.	303	0.00	0.033	
5853		23.29	23.29		0.	-302	5.30	-80.		0.	-67	0.000		0.	63	0.00	0.017	
5858		19.01	19.01		678	-56	2.45	2.		441	-32	0.000		222	-13	0.77	0.000	
5859		19.01	19.01		336	-113	1.35	-38.		322	-83	0.000		222	-40	0.27	0.000	
5860		19.01	19.01		0.	-177	3.18	-48.		0.	-56	0.000		15	-3	0.02	0.000	
5863		19.01	19.01		0.	-8	0.15	-2.		0.	-26	0.000		0.	-19	0.35	0.000	
5864		36.14	36.14		0.	-176	2.90	-44.		0.	141	0.015		0.	462	0.00	0.051	
5891		19.01	19.01		293	-62	0.51	-23.		357	-42	0.000		382	-3	1.39	0.003	
5892		19.01	19.01		498	-3	1.81	61.		249	-12	0.001		0.	-7	0.13	0.000	
5893		23.29	23.29		1025	-368	4.44	-119.		0.	-42	0.000		0.	23	0.00	0.006	
5894		19.01	19.01		2206	-95	7.84	89.		774	-85	0.000		0.	-2	0.03	0.000	
5895		19.01	19.01		2703	163	4.43	817.		1081	-4	0.011		0.	-6	0.10	0.000	
5896		23.29	23.29		7243	-232	24.39	370.		3982	-66	0.021		729	52	0.43	0.018	
5899		19.01	19.01		5805	-106	21.28	528.		3130	-6	0.033		462	38	0.00	0.019	
5901		19.01	19.01		92	9	0.00	36.		102	26	0.011		105	19	0.00	0.008	
5902		19.01	19.01		3931	108	12.06	827.		2026	53	0.040		131	29	0.00	0.012	
5904		19.01	19.01		47	62	0.00	170.		49	30	0.012		19	14	0.00	0.006	
5912		23.29	23.29		0.	-284	4.98	-75.		0.	-149	0.000		817	26	2.14	0.012	
5913		23.29	23.29		6388	-432	21.51	64.		3816	-163	0.009		2672	104	6.38	0.044	
5914		19.01	19.01		0.	-47	0.84	-13.		59	-4	0.000		383	12	1.12	0.008	
5915		19.01	19.01		0.	-166	2.98	-45.		0.	-88	0.000		730	28	1.98	0.017	
5919		36.14	36.14		1429	-93	4.32	12.		1554	541	0.062		1621	893	0.00	0.117	
5920		36.14	36.14		982	-349	3.98	-105.		1031	113	0.015		1071	437	0.00	0.050	
5923		23.29	23.29		750	-239	2.72	-79.		808	140	0.041		857	267	0.00	0.075	
5926		19.01	19.01		243	-165	2.47	-50.		387	-2	0.004		584	32	1.14	0.018	
5927		36.14	36.14		1446	-625	7.67	-182.		1479	-176	0.000		1482	-24	4.08	0.003	
5930		23.29	23.29		1351	-474	5.64	-153.		1411	-56	0.004		1431	-15	4.76	0.009	
5933		19.01	19.01		803	-369	4.98	-117.		929	-62	0.001		911	-11	3.33	0.008	
5951		19.01	19.01		3055	-114	10.96	154.		36	6	0.002		0.	55	0.00	0.022	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5952		19.01		19.01		2669		-69		9.74		196.		0.		72		0.029		0.		69		0.00		0.028	
5965		36.14		36.14		1330		-91		4.06		9.		1489		472		0.054		1570		893		0.00		0.117	
5966		36.14		36.14		1775		-764		9.37		-223.		1810		-240		0.000		1811		-1		4.71		0.006	
5969		19.01		19.01		0.		26		0.00		67.		0.		15		0.006		85		8		0.00		0.004	
5970		19.01		19.01		1258		-13		4.59		138.		0.		1		0.000		0.		18		0.00		0.007	
5971		19.01		19.01		1382		-16		5.05		149.		0.		25		0.010		0.		24		0.00		0.010	
5972		19.01		19.01		136		-4		0.50		10.		0.		-49		0.000		0.		-49		0.87		0.000	
5973		19.01		19.01		301		-72		0.68		-26.		0.		-65		0.000		0.		-54		0.97		0.000	
5976		19.01		19.01		900		68		0.24		310.		470		-15		0.002		0.		-21		0.38		0.000	
5977		19.01		19.01		1532		185		0.00		712.		641		3		0.008		0.		-34		0.60		0.000	
5978		19.01		19.01		1824		76		4.71		457.		774		24		0.016		109		-15		0.05		0.000	
5980		19.01		19.01		171		-4		0.62		12.		151		7		0.004		118		5		0.29		0.003	
5981		19.01		19.01		448		3		1.57		69.		205		-16		0.000		0.		-65		1.18		0.000	
5982		19.01		19.01		348		-35		0.09		-17.		93		-1		0.001		0.		-26		0.47		0.000	
5983		19.01		19.01		520		-103		0.79		-39.		161		-38		0.000		187		-45		0.43		0.000	
5987		19.01		19.01		226		-88		1.11		-29.		245		-23		0.000		173		-3		0.63		0.001	
5988		19.01		19.01		0.		-17		0.30		-4.		0.		-16		0.000		388		35		0.00		0.017	
5990		19.01		19.01		0.		28		0.00		74.		0.		16		0.006		0.		-6		0.11		0.000	
5991		19.01		19.01		404		42		0.00		168.		0.		11		0.005		0.		27		0.00		0.011	
5992		19.01		19.01		4270		-20		15.46		532.		3214		5		0.037		3178		49		10.65		0.050	
5995		19.01		19.01		0.		19		0.00		50.		0.		9		0.004		0.		3		0.00		0.001	
5998		19.01		19.01		25		-105		1.84		-29.		76		-58		0.000		109		-22		0.17		0.000	
5999		19.01		19.01		0.		-60		1.08		-16.		0.		-8		0.000		0.		-28		0.50		0.000	
6000		19.01		19.01		0.		-65		1.16		-17.		0.		-4		0.000		0.		-19		0.34		0.000	
6001		19.01		19.01		0.		-87		1.57		-24.		0.		-11		0.000		0.		-24		0.43		0.000	
6002		19.01		19.01		0.		-67		1.20		-18.		0.		-8		0.000		0.		-30		0.54		0.000	
6003		19.01		19.01		308		-11		1.11		16.		0.		6		0.002		0.		-3		0.06		0.000	
6004		19.01		19.01		548		-69		0.11		-31.		0.		-5		0.000		0.		-2		0.03		0.000	
6005		19.01		19.01		1429		-51		5.14		75.		615		5		0.008		500		-4		1.82		0.005	
6006		19.01		19.01		3217		-10		11.61		413.		2572		20		0.034		2670		45		8.88		0.043	
6007		19.01		19.01		4372		-49		15.97		473.		4176		37		0.057		4156		56		14.07		0.063	
6009		19.01		19.01		143		-108		1.66		-32.		212		-37		0.000		236		-9		0.85		0.001	
6011		19.01		19.01		6		-221		3.95		-60.		137		-110		0.000		187		-47		0.46		0.000	
6012		19.01		19.01		156		-171		2.75		-49.		181		-62		0.000		220		-51		0.46		0.000	
6013		19.01		19.01		592		-77		0.18		-34.		373		-54		0.000		44		-2		0.15		0.000	
6016		19.01		19.01		558		-128		1.15		-47.		55		-81		0.000		0.		-28		0.50		0.000	
6019		19.01		19.01		0.		-189		3.39		-51.		0.		-174		0.000		0.		-52		0.94		0.000	
6020		19.01		19.01		457		-148		1.73		-50.		0.		-81		0.000		0.		-3		0.06		0.000	
6021		19.01		19.01		1143		-287		2.82		-102.		0.		-139		0.000		0.		-19		0.34		0.000	
6025		19.01		19.01		833		-158		1.13		-61.		520		-109		0.000		308		-79		0.80		0.000	
6026		19.01		19.01		1502		-339		3.03		-124.		1157		-248		0.000		790		-139		0.89		0.000	
6027		19.01		19.01		365		-329		5.16		-97.		214		-252		0.000		84		-165		2.79		0.000	
6029		19.01		19.01		377		-329		5.14		-97.		228		-251		0.000		76		-168		2.87		0.000	
6030		19.01		19.01		1506		-133		0.68		-69.		609		-53		0.000		0.		-57		1.03		0.000	
6032		19.01		19.01		555		-245		3.27		-78.		401		-204		0.000		340		-123		1.52		0.000	
6034		19.01		19.01		272		-73		0.75		-26.		85		-50		0.000		0.		-88		1.58		0.000	
6040		19.01		19.01		312		-359		5.81		-104.		189		-28		0.000		191		-28		0.11		0.000	
6043		19.01		19.01		175		-90		1.26		-28.		212		-13		0.000		91		1		0.32		0.001	
6044		19.01		19.01		203		-175		2.73		-52.		267		-41		0.000		127		-3		0.47		0.001	
6045		19.01		19.01		297		-235		3.61		-70.		495		-1		0.005		488		6		1.66		0.007	
6046		19.01		19.01		51		-451		7.99		-123.		24		-232		0.000		2		-68		1.21		0.000	
6047		19.01		19.01		262		-375		6.20		-107.		261		-218		0.000		288		-98		1.17		0.000	
6049		19.01		19.01		546		-304		4.35		-94.		582		-82		0.000		582		-82		0.28		0.000	
6050		19.01		19.01		474		-341		5.16		-102.		549		-102		0.000		584		-62		0.07		0.000	
6052		19.01		19.01		378		-403		6.46		-117.		353		-144		0.000		140		-25		0.17		0.000	
6053		19.01		19.01		127		-406		7.03		-112.		126		-185		0.000		102		-68		1.00		0.000	
6056		19.01		19.01		460		-73		0.38		-30.		354		-23		0.000		231		-65		0.69		0.000	
6057		19.01		19.01		188		-83		1.11		-27.		100		-20		0.000		91		-59		0.88		0.000	
6058		19.01		19.01		37		-232		4.09		-63.		0.		-99		0.000		0.		-31		0.55		0.000	
6059		19.01		19.01		90		-229		3.93		-64.		0.		-103		0.000		0.		-25		0.44		0.000	
6061		19.01		19.01		45		-92		1.56		-26.		0.		-47		0.000		57		-89		1.48		0.000	
6062		19.01		19.01		540		-438		6.77		-130.		596		-127		0.000		597		-127		1.06		0.000	
6065		19.01		19.01		37		-556		9.91		-151.		5		-389		0.000		0.		-187		3.37		0.000	
6066		19.01		19.01		0.		-484		8.68		-130.		0.		-284		0.000		0.		-167		2.99		0.000	
6067		19.01		19.01		0.		-266		4.78		-72.		135		-138		0.000		197		-62		0.72		0.000	
6068		19.01		19.01		3737		-62		13.70		356.		3769		35		0.0									

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6083		19.01		19.01		1554	-329	2.75	-123.		1195	-243	0.000		815	-138	0.81	0.000	
6084		19.01		19.01		983	-402	5.21	-130.		791	-278	0.000		564	-150	1.55	0.000	
6086		19.01		19.01		2006	-324	1.72	-131.		1509	-260	0.000		1054	-190	1.27	0.000	
6087		19.01		19.01		521	-276	3.89	-86.		378	-240	0.000		284	-129	1.73	0.000	
6088		19.01		19.01		548	-241	3.20	-77.		395	-198	0.000		341	-123	1.51	0.000	
6089		19.01		19.01		453	-286	4.21	-87.		371	-143	0.000		350	-176	2.44	0.000	
6091		19.01		19.01		225	-103	1.39	-33.		41	-70	0.000		0.	-87	1.56	0.000	
6092		19.01		19.01		30	-127	2.21	-35.		0.	-138	0.000		0.	-90	1.62	0.000	
6094		19.01		19.01		107	-117	1.88	-34.		0.	-73	0.000		0.	-70	1.25	0.000	
6095		19.01		19.01		190	-158	2.45	-47.		254	-33	0.000		114	2	0.37	0.002	
6096		19.01		19.01		119	-114	1.81	-33.		129	-18	0.000		20	4	0.00	0.002	
6098		19.01		19.01		224	-180	2.77	-53.		280	8	0.006		277	18	0.38	0.009	
6099		19.01		19.01		416	-404	6.41	-118.		347	-151	0.000		110	-33	0.37	0.000	
6100		19.01		19.01		251	-400	6.67	-113.		250	-152	0.000		135	-33	0.32	0.000	
6103		19.01		19.01		103	-415	7.25	-114.		136	-188	0.000		154	-56	0.69	0.000	
6104		19.01		19.01		120	-442	7.70	-122.		0.	-220	0.000		0.	-83	1.50	0.000	
6105		19.01		19.01		121	-407	7.06	-112.		120	-186	0.000		96	-69	1.04	0.000	
6107		19.01		19.01		458	-312	4.66	-94.		471	-110	0.000		480	-77	0.40	0.000	
6108		19.01		19.01		182	-358	6.05	-100.		214	-144	0.000		221	-111	1.54	0.000	
6109		19.01		19.01		257	-386	6.41	-110.		264	-214	0.000		291	-89	1.00	0.000	
6111		19.01		19.01		540	-302	4.33	-93.		583	-80	0.000		583	-80	0.25	0.000	
6112		19.01		19.01		578	-305	4.30	-95.		605	-82	0.000		604	-82	0.23	0.000	
6113		19.01		19.01		476	-292	4.26	-89.		510	-59	0.000		510	-59	0.01	0.000	
6114		19.01		19.01		548	-209	2.64	-68.		237	-74	0.000		70	-21	0.24	0.000	
6115		19.01		19.01		391	-192	2.65	-60.		110	-55	0.000		105	-53	0.73	0.000	
6117		19.01		19.01		227	-230	3.66	-67.		97	-72	0.000		94	-43	0.58	0.000	
6118		19.01		19.01		492	-153	1.74	-52.		318	-58	0.000		141	-71	0.98	0.000	
6120		19.01		19.01		250	-66	0.68	-23.		130	-21	0.000		141	-62	0.82	0.000	
6121		19.01		19.01		445	-225	3.13	-70.		154	-88	0.000		185	-24	0.04	0.000	
6122		19.01		19.01		247	-249	3.96	-72.		137	-91	0.000		131	-50	0.63	0.000	
6124		19.01		19.01		184	-196	3.14	-57.		31	-75	0.000		125	-65	0.92	0.000	
6125		19.01		19.01		641	-388	5.66	-119.		602	-345	0.000		590	-137	1.25	0.000	
6126		19.01		19.01		495	-441	6.92	-130.		434	-324	0.000		419	-179	2.35	0.000	
6128		19.01		19.01		535	-467	7.30	-138.		566	-143	0.000		579	-107	0.73	0.000	
6130		19.01		19.01		364	-556	9.24	-158.		331	-327	0.000		320	-141	1.88	0.000	
6131		19.01		19.01		302	-556	9.37	-156.		249	-326	0.000		248	-208	3.23	0.000	
6132		19.01		19.01		569	-414	6.28	-124.		520	-335	0.000		506	-157	1.79	0.000	
6133		19.01		19.01		377	-556	9.21	-158.		348	-328	0.000		334	-127	1.60	0.000	
6134		19.01		19.01		177	-553	9.57	-153.		141	-405	0.000		94	-212	3.61	0.000	
6136		19.01		19.01		327	-556	9.31	-157.		282	-326	0.000		277	-181	2.69	0.000	
6138		19.01		19.01		46	-565	10.05	-153.		10	-385	0.000		0.	-172	3.09	0.000	
6139		19.01		19.01		5	-541	9.70	-146.		0.	-393	0.000		0.	-191	3.43	0.000	
6140		19.01		19.01		309	-550	9.24	-155.		273	-376	0.000		233	-170	2.58	0.000	
6141		19.01		19.01		0.	-93	1.67	-25.		0.	-10	0.000		0.	-18	0.32	0.000	
6142		19.01		19.01		0.	-117	2.10	-32.		0.	-19	0.000		0.	-23	0.42	0.000	
6144		19.01		19.01		0.	-128	2.29	-34.		0.	-27	0.000		0.	-34	0.61	0.000	
6146		19.01		19.01		726	-20	2.65	51.		714	90	0.041		714	90	0.00	0.041	
6148		19.01		19.01		3904	46	13.34	657.		3728	118	0.080		3653	115	10.76	0.078	
6149		19.01		19.01		0.	-142	2.56	-38.		0.	-25	0.000		0.	-18	0.32	0.000	
6150		19.01		19.01		0.	-159	2.85	-43.		0.	-70	0.000		0.	-53	0.95	0.000	
6152		19.01		19.01		0.	-262	4.70	-70.		0.	-95	0.000		0.	-73	1.32	0.000	
6153		19.01		19.01		167	-157	2.48	-46.		253	-68	0.000		290	-30	0.05	0.000	
6154		19.01		19.01		179	-207	3.36	-60.		199	-85	0.000		243	-10	0.86	0.001	
6155		19.01		19.01		0.	-603	10.83	-162.		0.	-345	0.000		0.	-181	3.25	0.000	
6156		19.01		19.01		0.	-970	17.41	-261.		0.	-299	0.000		0.	-298	5.35	0.000	
6157		19.01		19.01		0.	-1231	22.10	-332.		0.	-823	0.000		0.	-411	7.39	0.000	
6158		19.01		19.01		0.	-562	10.10	-151.		0.	-348	0.000		0.	-155	2.78	0.000	
6159		19.01		19.01		0.	-516	9.27	-139.		0.	-341	0.000		0.	-154	2.77	0.000	
6160		19.01		19.01		0.	-251	4.51	-68.		0.	-203	0.000		0.	-80	1.44	0.000	
6167		36.14		36.14		2327	-95	6.72	61.		1512	262	0.032		642	590	0.00	0.066	
6168		36.14		36.14		1587	133	0.00	306.		1516	385	0.045		1553	565	0.00	0.065	
6169		36.14		36.14		808	50	0.78	131.		987	292	0.034		1112	636	0.00	0.072	
6171		36.14		36.14		1407	-839	11.26	-234.		1076	-379	0.000		646	-3	1.71	0.002	
6172		36.14		36.14		1428	-534	6.21	-159.		1654	-146	0.000		1558	41	3.32	0.009	
6173		36.14		36.14		498	-529	7.81	-140.		680	-97	0.000		698	16	1.54	0.004	
6181		36.14		36.14		0.	-571	9.39	-141.		0.	-191	0.000		0.	50	0.00	0.005	
6182		36.14		36.14		229	-574	9.02	-146.		0.	-191	0.000		0.	31	0.00	0.003	
6184		36.14		36.14		0.	-574	9.43	-142.		0.	-172	0.000		0.	37	0.00	0.004	
6185		36.14		36.14		0.	-347	5.70	-85.		0.	-38	0.000		0.	81	0.00	0.009	
6186		36.14		36.14		0.	-520	8.55	-128.		0.	-128	0.000		0.	49	0.00	0.005	
6188		36.14		36.14		0.	-211	3.48	-52.		0.	-10	0.000		0.	83	0.00	0.009	
6197		19.01		19.01		125	-22	0.14	-9.		0.	-8	0.000		0.	-76	1.37	0.000	
6198		19.01		19.01		76	-28	0.35	-9.		23	-7	0.000		45	-74	1.24	0.000	
6199		19.01		19.01		0.	-77	1.38	-21.		0.	-40	0.000		13	-94	1.66	0.000	
6201		19.01		19.01		109	-57	0.80	-18.		15	-19	0.000		0.	-9	0.16	0.000	
6203		19.01		19.01		347	-68	0.51	-26.		228	-22	0.000		165	-4	0.60	0.001	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6204		19.01	19.01		120	-68	0.97	-21.1		31	-18	0.000		24	-72	1.25	0.000	
6205		19.01	19.01		4547	-189	16.19	195.1		0.	35	0.014		0.	103	0.00	0.041	
6207		19.01	19.01		3530	-137	12.64	169.1		0.	26	0.010		0.	70	0.00	0.028	
6208		19.01	19.01		4144	-192	14.63	145.1		607	-18	0.003		0.	95	0.00	0.038	
6209		19.01	19.01		3731	-133	13.43	200.1		0.	117	0.047		0.	117	0.00	0.047	
6210		19.01	19.01		3574	-152	12.71	148.1		0.	121	0.048		0.	117	0.00	0.047	
6211		19.01	19.01		2998	-81	10.93	214.1		0.	90	0.036		0.	90	0.00	0.036	
6221		19.01	19.01		5534	-154	20.16	384.1		3873	-82	0.026		3173	64	10.31	0.055	
6224		19.01	19.01		4647	-83	17.04	428.1		3089	-35	0.026		2873	52	9.47	0.048	
6233		19.01	19.01		6304	-361	21.98	132.1		3825	-148	0.015		2819	90	8.25	0.061	
6235		19.01	19.01		6054	-284	21.36	208.1		3846	-127	0.018		2997	75	9.39	0.057	
6236		19.01	19.01		5048	-297	17.59	97.1		3197	-109	0.014		2863	78	8.80	0.057	
6241		36.14	36.14		0.	-564	9.26	-139.1		0.	669	0.074		0.	1015	0.00	0.132	
6242		36.14	36.14		0.	-353	5.80	-87.1		0.	814	0.095		0.	1002	0.00	0.130	
6243		36.14	36.14		0.	-532	8.74	-131.1		0.	457	0.050		0.	770	0.00	0.087	
6244		19.01	19.01		4584	-378	16.55	11.1		3227	-279	0.000		1932	-141	6.82	0.001	
6245		19.01	19.01		9537	-270	34.72	652.1		9828	-239	0.060		10029	-181	36.76	0.073	
6246		19.01	19.01		3419	-223	11.93	46.1		2439	-218	0.000		1716	-96	5.99	0.003	
6247		19.01	19.01		7895	-248	28.63	490.1		7988	-219	0.045		8009	-199	29.27	0.048	
6248		19.01	19.01		2315	-122	8.10	61.1		1954	-69	0.008		1605	-24	5.88	0.013	
6249		19.01	19.01		5799	-168	21.10	389.1		5805	-92	0.045		5784	-68	21.15	0.049	
6250		19.01	19.01		1551	-14	5.65	176.1		1458	55	0.035		1350	107	0.00	0.053	
6251		19.01	19.01		3811	-48	13.94	399.1		3788	1	0.041		3761	42	12.90	0.054	
6252		19.01	19.01		860	27	2.53	191.1		913	134	0.060		910	149	0.00	0.065	
6253		19.01	19.01		2051	21	7.06	337.1		2009	102	0.057		1978	130	2.51	0.068	
6254		19.01	19.01		467	77	0.00	271.1		580	146	0.061		608	155	0.00	0.065	
6255		19.01	19.01		1246	69	2.39	361.1		1192	130	0.061		1160	157	0.00	0.070	
8630		19.01	19.01		520	-416	6.42	-124.1		534	-186	0.000		562	-114	0.90	0.000	
8631		19.01	19.01		635	-476	7.25	-142.1		739	-119	0.000		739	-119	0.62	0.000	
8632		19.01	19.01		492	-420	6.55	-124.1		527	-131	0.000		528	-131	1.27	0.000	
8633		19.01	19.01		576	-277	3.79	-87.1		603	-39	0.001		603	-36	2.10	0.001	
8634		19.01	19.01		440	-327	4.97	-98.1		471	-101	0.000		470	-100	0.84	0.000	
8636		19.01	19.01		298	-360	5.85	-103.1		290	-206	0.000		314	-131	1.72	0.000	
8637		19.01	19.01		0.	-101	1.82	-27.1		0.	-59	0.000		0.	-39	0.69	0.000	
8638		19.01	19.01		0.	-159	2.85	-43.1		0.	-84	0.000		0.	-29	0.52	0.000	
8639		19.01	19.01		0.	-56	1.01	-15.1		208	-55	0.000		223	-50	0.45	0.000	
8640		19.01	19.01		0.	-103	1.84	-28.1		168	-61	0.000		218	-47	0.40	0.000	
8641		19.01	19.01		127	-251	4.25	-70.1		273	-56	0.000		274	0.	0.98	0.003	
8642		19.01	19.01		0.	-93	1.67	-25.1		279	-49	0.000		286	-46	0.24	0.000	
8643		19.01	19.01		183	-280	4.65	-79.1		197	-5	0.001		196	-2	0.71	0.002	
8644		19.01	19.01		1537	-144	0.54	-73.1		626	-110	0.000		0.	-34	0.62	0.000	
8645		19.01	19.01		1585	-143	0.66	-73.1		671	-117	0.000		0.	-28	0.50	0.000	
8646		19.01	19.01		1408	-203	0.78	-86.1		547	-101	0.000		0.	-15	0.27	0.000	
8648		19.01	19.01		1556	-130	5.64	3.1		743	-16	0.005		54	-55	0.88	0.000	
8649		19.01	19.01		1701	-21	6.22	180.1		845	-37	0.003		30	-57	0.96	0.000	
8650		19.01	19.01		1630	-97	5.68	30.1		683	-79	0.000		0.	-45	0.81	0.000	
8652		19.01	19.01		234	-13	0.82	5.1		296	-50	0.000		294	-52	0.34	0.000	
8653		19.01	19.01		828	-47	2.89	17.1		532	-61	0.000		225	-50	0.44	0.000	
8654		19.01	19.01		1427	-93	4.98	19.1		748	-77	0.000		173	-52	0.58	0.000	
8656		19.01	19.01		0.	-49	0.88	-13.1		0.	-78	0.000		0.	-51	0.92	0.000	
8657		19.01	19.01		0.	-1	0.02	0.1		0.	-49	0.000		0.	-54	0.97	0.000	
8658		19.01	19.01		0.	14	0.00	37.1		0.	-42	0.000		282	-55	0.41	0.000	
8660		19.01	19.01		0.	-408	7.33	-110.1		0.	-172	0.000		0.	-23	0.41	0.000	
8661		19.01	19.01		0.	-278	4.99	-75.1		0.	-195	0.000		0.	-39	0.70	0.000	
8662		19.01	19.01		0.	-186	3.33	-50.1		0.	-38	0.000		0.	-30	0.53	0.000	
8724		19.01	19.01		0.	-291	5.22	-78.1		201	-9	0.001		451	151	0.00	0.063	
8725		19.01	19.01		516	-29	1.80	12.1		619	-29	0.002		802	97	0.00	0.044	
8726		19.01	19.01		1105	-283	2.82	-100.1		1012	-92	0.000		963	160	0.00	0.070	
8727		36.14	36.14		1270	76	1.33	202.1		1214	275	0.032		1246	425	0.00	0.049	
8728		36.14	36.14		295	-234	3.31	-63.1		463	45	0.006		621	323	0.00	0.036	
8730		36.14	36.14		1340	-360	3.51	-115.1		1129	28	0.006		959	376	0.00	0.043	
8732		19.01	19.01		1123	-714	10.52	-217.1		933	-200	0.000		684	-24	2.47	0.003	
8733		19.01	19.01		677	-286	3.76	-92.1		958	0.	0.010		1016	15	3.42	0.016	
8734		19.01	19.01		1319	-696	9.80	-216.1		1300	-286	0.000		920	-3	3.32	0.009	
8735		36.14	36.14		981	-510	6.62	-145.1		1212	-144	0.000		1203	29	2.63	0.006	
8736		36.14	36.14		844	-756	10.91	-203.1		682	-282	0.000		440	-25	1.30	0.000	
8738		36.14	36.14		1325	-1090	15.53	-294.1		1139	-503	0.000		669	-3	1.77	0.002	
8739		36.14	36.14		1987	-81	5.74	52.1		1907	210	0.027		1887	706	0.00	0.086	
8740		36.14	36.14		2362	-565	5.05	-185.1		2243	-33	0.005		2144	504	0.00	0.059	
8741		36.14	36.14		2164	-887	10.69	-261.1		2016	-339	0.000		1884	210	0.00	0.027	
8742		36.14	36.14		1519	-728	9.24	-209.1		1501	-341	0.000		1439	20	3.44	0.006	
8743		36.14	36.14		2070	-81	5.96	57.1		1981	209	0.027		1949	704	0.00	0.086	
8744		36.14	36.14		2372	-565	5.03	-185.1		2252	-33	0.005		2152	504	0.00	0.059	
8745		36.14	36.14		2152	-885	10.69	-260.1		2003	-338	0.000		1870	210	0.00	0.027	
8746		36.14	36.14		1440	-698	8.88	-200.1		1439	-326	0.000		1393	21	3.30	0.006	
8747		36.14	36.14		1882	-459	4.17	-150.1		1858	173	0.023		1849	587	0.00	0.068	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8748		36.14	36.14		2453	-703	7.15	-221.		2327	-66	0.004		2288	344	0.00	0.042	
8749		36.14	36.14		2174	-789	9.07	-237.		2170	-202	0.000		2128	-10	5.64	0.006	
8750		36.14	36.14		1955	-460	4.05	-151.		1919	172	0.023		1912	587	0.00	0.068	
8751		36.14	36.14		2474	-703	7.11	-221.		2345	-66	0.004		2305	344	0.00	0.042	
8752		36.14	36.14		2160	-789	9.08	-236.		2163	-192	0.000		2124	-10	5.62	0.006	
8754		36.14	36.14		309	-774	12.16	-197.		834	125	0.015		911	185	0.00	0.022	
8755		36.14	36.14		1839	-789	9.67	-230.		2237	-217	0.000		2952	203	1.80	0.029	
8756		36.14	36.14		321	-842	13.26	-214.		729	-120	0.000		823	-9	2.23	0.002	
8757		36.14	36.14		2877	-786	7.76	-250.		3686	-203	0.002		3574	51	8.51	0.016	
8903		19.01	19.01		151	-66	0.88	-21.		137	23	0.010		137	23	0.00	0.010	
8904		19.01	19.01		92	19	0.00	64.		105	25	0.011		111	22	0.00	0.009	
8905		19.01	19.01		347	78	0.00	255.		205	86	0.035		212	81	0.00	0.033	
8911		19.01	19.01		0.	-184	3.29	-49.		0.	17	0.007		239	17	0.21	0.009	
8912		19.01	19.01		0.	-90	1.62	-24.		282	-27	0.000		548	17	1.63	0.012	
8913		19.01	19.01		223	-170	2.60	-51.		167	7	0.004		292	33	0.00	0.015	
8941		23.29	23.29		578	-185	2.10	-61.		0.	322	0.087		0.	378	0.00	0.102	
8942		19.01	19.01		1711	-173	0.38	-84.		0.	191	0.076		0.	204	0.00	0.082	
8943		19.01	19.01		902	-75	3.26	2.		0.	135	0.054		0.	142	0.00	0.057	
8944		19.01	19.01		1467	-76	5.14	40.		374	40	0.019		0.	49	0.00	0.019	
8945		19.01	19.01		1390	51	3.84	329.		997	24	0.019		601	0.	2.15	0.007	
8946		19.01	19.01		2584	18	9.03	400.		2288	32	0.035		2024	24	6.92	0.030	
8947		19.01	19.01		3832	27	13.38	596.		3714	86	0.069		3536	80	11.29	0.065	
8949		19.01	19.01		2614	78	7.84	567.		2563	150	0.081		2561	150	4.48	0.081	
8950		19.01	19.01		3294	38	11.27	551.		3135	106	0.070		2954	104	8.36	0.067	
8951		36.14	36.14		0.	-269	4.42	-66.		0.	503	0.055		0.	689	0.00	0.076	
8952		36.14	36.14		0.	-298	4.90	-74.		0.	852	0.102		0.	949	0.00	0.120	
8954		36.14	36.14		661	-496	6.96	-135.		0.	298	0.033		0.	578	0.00	0.064	
8955		23.29	23.29		800	-726	11.15	-208.		1345	-205	0.000		1444	-23	4.85	0.008	
8956		19.01	19.01		1081	-481	6.43	-153.		1599	-201	0.000		1740	16	6.02	0.024	
8957		19.01	19.01		2268	-130	7.91	47.		2398	-145	0.003		2331	34	7.85	0.036	
8958		19.01	19.01		4128	-72	15.13	385.		3284	-187	0.006		2737	-48	10.03	0.020	
8959		19.01	19.01		4722	-210	16.73	179.		3472	-230	0.003		2544	-46	9.33	0.018	
8960		23.29	23.29		5592	-634	0.09	-286.		5940	-194	0.020		5615	21	17.93	0.046	
8962		19.01	19.01		8360	-426	29.31	239.		8591	-195	0.055		8215	40	28.94	0.102	
8963		19.01	19.01		10866	-116	39.69	1190.		10535	-149	0.084		9795	-8	35.13	0.105	
8964		19.01	19.01		11451	-80	41.62	1360.		10714	-214	0.074		10211	-60	37.04	0.098	
8965		19.01	19.01		10066	-162	36.89	969.		10307	-231	0.067		10766	-109	39.30	0.095	
9474		36.14	36.14		1484	-383	3.64	-123.		1503	258	0.031		1553	687	0.00	0.080	
9475		36.14	36.14		1305	-468	5.35	-141.		1356	166	0.021		1386	613	0.00	0.069	
9476		36.14	36.14		1217	-266	2.19	-89.		1249	351	0.041		1281	773	0.00	0.094	

ARMATURA SUPERIORE VERTICALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE								
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
2118		19.01	19.01		659	-363	5.18	-112.		0.	-182	0.000		0.	-191	3.43	0.000	
2120		19.01	19.01		134	-314	5.37	-88.		474	-92	0.000		472	-91	0.66	0.000	
2121		19.01	19.01		132	-316	5.41	-88.		465	-93	0.000		468	-92	0.69	0.000	
2122		19.01	19.01		213	-144	2.15	-43.		721	28	0.018		718	29	1.90	0.018	
2123		19.01	19.01		209	-145	2.17	-44.		717	26	0.017		715	27	1.96	0.017	
2124		19.01	19.01		286	-50	0.31	-20.		596	57	0.027		595	57	0.00	0.027	
2125		19.01	19.01		283	-51	0.34	-20.		590	55	0.026		589	55	0.00	0.026	
2126		19.01	19.01		499	-61	0.08	-27.		1044	71	0.037		1041	72	1.02	0.037	
2127		19.01	19.01		499	-62	0.09	-28.		1044	73	0.038		1041	73	0.87	0.038	
2128		19.01	19.01		0.	96	0.00	252.		0.	195	0.078		0.	194	0.00	0.078	
2129		19.01	19.01		0.	96	0.00	252.		0.	195	0.078		0.	194	0.00	0.078	
2132		19.01	19.01		0.	-115	2.07	-31.		0.	-142	0.000		0.	-185	3.31	0.000	
2134		19.01	19.01		0.	-114	2.04	-31.		101	-121	0.000		99	-120	1.95	0.000	
2135		19.01	19.01		0.	-132	2.38	-36.		33	-116	0.000		42	-96	1.63	0.000	
2136		19.01	19.01		178	-109	1.60	-33.		124	-86	0.000		73	-64	1.01	0.000	
2137		19.01	19.01		127	-118	1.85	-34.		149	-71	0.000		111	-53	0.72	0.000	
2138		19.01	19.01		242	-84	1.01	-28.		157	-73	0.000		75	-27	0.32	0.000	
2139		19.01	19.01		214	-113	1.60	-35.		184	-59	0.000		121	-23	0.16	0.000	
2140		19.01	19.01		0.	-64	1.15	-17.		0.	-64	0.000		0.	-8	0.14	0.000	
2141		19.01	19.01		0.	-71	1.28	-19.		0.	-45	0.000		0.	-3	0.06	0.000	
2145		19.01	19.01		0.	-126	2.26	-34.		0.	-13	0.000		0.	21	0.00	0.009	
2146		19.01	19.01		0.	-156	2.81	-42.		47	-86	0.000		95	-65	0.98	0.000	
2147		19.01	19.01		0.	-150	2.69	-40.		102	-45	0.000		163	-18	0.01	0.000	
2148		19.01	19.01		92	-128	2.10	-36.		192	-65	0.000		173	-49	0.53	0.000	
2149		19.01	19.01		97	-152	2.53	-43.		297	-63	0.000		296	-60	0.48	0.000	
2150		19.01	19.01		228	-103	1.38	-33.		250	-51	0.000		212	-29	0.10	0.000	
2151		19.01	19.01		295	-156	2.21	-49.		425	-95	0.000		421	-92	0.79	0.000	
2152		19.01	19.01		39	-34	0.53	-10.		164	-7	0.001		271	4	0.91	0.004	
2153		19.01	19.01		966	-147	0.66	-61.		967	-107	0.000		970	-105	0.09	0.000	
2158		19.01	19.01		0.	-344	6.18	-93.		0.	-318	0.000		0.	-298	5.34	0.000	
2159		19.01	19.01		0.	-385	6.92	-104.		0.	-353	0.000		0.	-327	5.87	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2160		19.01	19.01		0.	-390	7.00	-105.		0.	-337	0.000		0.	-291	5.22	0.000
2161		19.01	19.01		0.	-361	6.49	-97.		0.	-303	0.000		0.	-250	4.49	0.000
2162		19.01	19.01		0.	-322	5.78	-87.		0.	-303	0.000		0.	-290	5.20	0.000
2163		19.01	19.01		0.	-343	6.16	-92.		0.	-315	0.000		0.	-282	5.07	0.000
2164		19.01	19.01		0.	-342	6.14	-92.		0.	-301	0.000		0.	-266	4.77	0.000
2165		19.01	19.01		0.	-328	5.88	-88.		0.	-286	0.000		0.	-250	4.49	0.000
2166		19.01	19.01		0.	-307	5.52	-83.		0.	-287	0.000		0.	-273	4.91	0.000
2167		19.01	19.01		0.	-322	5.78	-87.		0.	-294	0.000		0.	-264	4.73	0.000
2168		19.01	19.01		0.	-318	5.72	-86.		0.	-283	0.000		0.	-253	4.54	0.000
2169		19.01	19.01		0.	-304	5.45	-82.		0.	-269	0.000		0.	-240	4.31	0.000
2170		19.01	19.01		420	-282	4.20	-85.		360	-260	0.000		312	-244	3.75	0.000
2171		19.01	19.01		386	-303	4.65	-90.		334	-281	0.000		289	-265	4.16	0.000
2172		19.01	19.01		370	-291	4.47	-86.		326	-264	0.000		288	-240	3.71	0.000
2173		19.01	19.01		385	-261	3.89	-79.		349	-238	0.000		323	-215	3.20	0.000
2174		19.01	19.01		3536	-254	12.44	30.		3179	-226	0.002		2884	-203	10.12	0.002
2175		19.01	19.01		3267	-259	11.69	13.		2936	-236	0.001		2661	-217	9.58	0.001
2176		19.01	19.01		3014	-242	10.82	10.		2709	-217	0.001		2448	-196	8.78	0.001
2177		19.01	19.01		3122	-231	11.03	22.		2782	-203	0.002		2500	-179	8.79	0.002
2179		19.01	19.01		0.	190	0.00	499.		0.	275	0.110		0.	276	0.00	0.110
2180		19.01	19.01		0.	240	0.00	631.		0.	296	0.118		0.	297	0.00	0.119
2181		19.01	19.01		0.	268	0.00	706.		0.	281	0.112		0.	283	0.00	0.113
2182		19.01	19.01		376	209	0.00	604.		325	300	0.121		304	315	0.00	0.127
2183		19.01	19.01		678	243	0.00	738.		718	316	0.130		703	326	0.00	0.134
2184		19.01	19.01		847	297	0.00	904.		967	354	0.146		954	363	0.00	0.150
2185		19.01	19.01		1367	352	0.00	1125.		1488	380	0.160		1486	381	0.00	0.160
2186		19.01	19.01		1120	257	0.00	841.		1290	315	0.133		1288	316	0.00	0.133
2187		19.01	19.01		1132	307	0.00	973.		1311	356	0.149		1309	357	0.00	0.150
2188		19.01	19.01		1116	359	0.00	1107.		1274	408	0.169		1272	409	0.00	0.170
2189		19.01	19.01		1030	402	0.00	1209.		1154	444	0.183		1152	446	0.00	0.184
2190		19.01	19.01		973	269	0.00	850.		1124	313	0.131		1122	315	0.00	0.132
2191		19.01	19.01		895	350	0.00	1051.		1029	388	0.160		1027	390	0.00	0.161
2192		19.01	19.01		814	395	0.00	1157.		912	442	0.181		905	451	0.00	0.184
2193		19.01	19.01		739	426	0.00	1228.		784	450	0.183		777	456	0.00	0.186
2194		19.01	19.01		620	260	0.00	776.		700	296	0.121		697	297	0.00	0.122
2195		19.01	19.01		567	390	0.00	1109.		632	419	0.170		628	421	0.00	0.171
2197		19.01	19.01		555	452	0.00	1269.		553	465	0.188		522	471	0.00	0.190
2198		19.01	19.01		0.	185	0.00	487.		0.	222	0.089		0.	232	0.00	0.092
2199		19.01	19.01		0.	375	0.00	988.		0.	404	0.161		0.	412	0.00	0.165
2204		19.01	19.01		1750	421	0.00	1363.		1906	403	0.172		1904	404	0.00	0.173
2205		19.01	19.01		2146	468	0.00	1545.		2312	423	0.183		2309	424	0.00	0.183
2206		19.01	19.01		1139	454	0.00	1362.		1271	458	0.189		1270	459	0.00	0.190
2207		19.01	19.01		1488	477	0.00	1473.		1650	454	0.190		1649	455	0.00	0.191
2208		19.01	19.01		695	467	0.00	1330.		711	456	0.185		720	458	0.00	0.186
2209		19.01	19.01		771	540	0.00	1533.		867	481	0.196		880	472	0.00	0.192
2210		19.01	19.01		522	474	0.00	1323.		489	458	0.185		448	447	0.00	0.180
2212		19.01	19.01		0.	504	0.00	1326.		0.	494	0.197		0.	472	0.00	0.189
2215		19.01	19.01		0.	-299	5.37	-81.		0.	-153	0.000		0.	-61	1.09	0.000
2216		19.01	19.01		189	-259	4.26	-74.		0.	-160	0.000		0.	-104	1.86	0.000
2217		19.01	19.01		0.	-248	4.45	-67.		0.	-72	0.000		0.	-20	0.36	0.000
2218		19.01	19.01		0.	-239	4.30	-64.		0.	-108	0.000		0.	-71	1.28	0.000
2219		19.01	19.01		0.	-214	3.83	-58.		0.	-129	0.000		0.	-119	2.13	0.000
2220		19.01	19.01		88	-207	3.53	-58.		0.	-66	0.000		0.	-43	0.77	0.000
2221		19.01	19.01		118	-216	3.63	-61.		44	-62	0.000		28	-42	0.70	0.000
2222		19.01	19.01		108	-208	3.51	-58.		191	-68	0.000		175	-52	0.57	0.000
2223		19.01	19.01		320	-187	2.70	-57.		289	-40	0.000		272	-18	0.95	0.000
2224		19.01	19.01		302	-182	2.66	-56.		336	-21	0.000		325	-5	1.19	0.003
2225		19.01	19.01		227	-168	2.56	-50.		348	-10	0.002		341	0.	1.22	0.004
2226		19.01	19.01		475	-176	2.18	-58.		551	-81	0.000		579	-40	2.03	0.000
2227		19.01	19.01		411	-153	1.91	-50.		535	-40	0.000		556	-9	2.04	0.004
2228		19.01	19.01		288	-130	1.75	-41.		466	-11	0.003		482	11	1.53	0.009
2229		19.01	19.01		683	-173	1.72	-62.		1000	-79	0.000		1033	-69	3.61	0.001
2230		19.01	19.01		469	-142	1.59	-49.		774	-54	0.001		866	-29	3.13	0.004
2231		19.01	19.01		209	-113	1.61	-35.		499	-30	0.001		603	-1	2.16	0.006
3703		19.01	19.01		0.	229	0.00	602.		0.	204	0.081		0.	205	0.00	0.082
3704		19.01	19.01		0.	325	0.00	856.		0.	275	0.110		0.	277	0.00	0.111
3705		19.01	19.01		0.	257	0.00	675.		0.	249	0.099		0.	250	0.00	0.100
3707		19.01	19.01		0.	140	0.00	369.		0.	212	0.085		0.	215	0.00	0.086
3713		19.01	19.01		466	-246	3.46	-76.		5	-117	0.000		0.	-120	2.15	0.000
3715		19.01	19.01		541	-84	0.41	-35.		23	-161	0.000		0.	-164	2.94	0.000
3721		19.01	19.01		144	-103	1.56	-31.		0.	16	0.006		0.	17	0.00	0.007
3723		19.01	19.01		1635	-290	1.87	-114.		1094	-262	0.000		664	-239	2.94	0.000
3727		19.01	19.01		1873	-360	2.64	-138.		1246	-297	0.000		711	-257	3.17	0.000
3728		19.01	19.01		2156	-496	4.51	-181.		1343	-429	0.000		612	-368	5.37	0.000
3733		19.01	19.01		1744	-322	2.23	-125.		1168	-256	0.000		698	-218	2.49	0.000
3737		19.01	19.01		0.	215	0.00	566.		0.	184	0.074		0.	185	0.00	0.074
3742		19.01	19.01		176	-198	3.20	-57.		0.	-92	0.000		0.	-90	1.62	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

3743		19.01	19.01		0.	-166	2.99	-45.		0.	-64	0.000		0.	-57	1.02	0.000
3744		19.01	19.01		0.	-26	0.48	-7.		0.	-57	0.000		0.	-49	0.88	0.000
3745		19.01	19.01		245	-22	0.11	-11.		0.	-84	0.000		0.	-93	1.67	0.000
3746		19.01	19.01		441	-37	1.60	1.		110	-126	0.000		0.	-135	2.43	0.000
3747		19.01	19.01		0.	-14	0.25	-4.		0.	31	0.012		0.	35	0.00	0.014
3751		19.01	19.01		1003	-75	3.55	6.		741	-65	0.000		527	-57	0.04	0.000
3755		19.01	19.01		0.	45	0.00	118.		0.	89	0.035		0.	89	0.00	0.035
3756		19.01	19.01		0.	80	0.00	211.		0.	135	0.054		0.	137	0.00	0.055
3757		19.01	19.01		0.	133	0.00	349.		0.	115	0.046		0.	122	0.00	0.049
3758		19.01	19.01		0.	99	0.00	259.		0.	81	0.032		0.	88	0.00	0.035
3759		19.01	19.01		0.	-45	0.81	-12.		0.	-31	0.000		0.	-3	0.05	0.000
3760		19.01	19.01		0.	-48	0.85	-13.		0.	-91	0.000		0.	-12	0.22	0.000
3761		19.01	19.01		110	-431	7.51	-118.		0.	-205	0.000		0.	-207	3.72	0.000
3762		19.01	19.01		695	-360	5.05	-112.		0.	-182	0.000		0.	-190	3.42	0.000
3763		19.01	19.01		256	-217	3.37	-64.		0.	-112	0.000		0.	-110	1.97	0.000
3764		19.01	19.01		503	-71	0.24	-30.		78	-145	0.000		0.	-154	2.76	0.000
3765		19.01	19.01		201	-98	1.34	-31.		0.	-258	0.000		0.	-257	4.62	0.000
3766		19.01	19.01		477	-60	0.11	-27.		121	-152	0.000		74	-152	2.59	0.000
3767		19.01	19.01		0.	-40	0.72	-11.		0.	22	0.009		0.	30	0.00	0.012
3768		19.01	19.01		61	-133	2.26	-37.		0.	22	0.009		0.	22	0.00	0.009
3769		19.01	19.01		0.	-121	2.16	-32.		0.	59	0.024		0.	60	0.00	0.024
3770		19.01	19.01		1267	-113	0.55	-58.		904	-99	0.000		622	-90	0.35	0.000
3771		19.01	19.01		2357	-414	2.63	-163.		1464	-367	0.000		590	-325	4.64	0.000
3773		19.01	19.01		1382	-222	1.17	-90.		962	-199	0.000		660	-179	1.87	0.000
3774		19.01	19.01		1256	-171	0.50	-74.		786	-106	0.000		498	-78	0.38	0.000
3775		19.01	19.01		2282	-447	3.38	-171.		1365	-381	0.000		748	-320	4.22	0.000
3776		19.01	19.01		2288	-428	3.02	-166.		1358	-339	0.000		446	-255	3.67	0.000
3777		19.01	19.01		0.	101	0.00	267.		0.	158	0.063		0.	161	0.00	0.064
3778		19.01	19.01		0.	137	0.00	360.		0.	202	0.081		0.	205	0.00	0.082
3779		19.01	19.01		0.	195	0.00	514.		0.	315	0.126		0.	317	0.00	0.127
3780		19.01	19.01		0.	181	0.00	475.		0.	149	0.059		0.	150	0.00	0.060
3781		19.01	19.01		0.	289	0.00	761.		0.	244	0.098		0.	245	0.00	0.098
3782		19.01	19.01		0.	415	0.00	1092.		0.	321	0.128		0.	322	0.00	0.129
3783		19.01	19.01		0.	-120	2.16	-32.		0.	-56	0.000		0.	-8	0.14	0.000
3784		19.01	19.01		0.	-231	4.15	-62.		0.	-81	0.000		0.	-41	0.74	0.000
3785		19.01	19.01		0.	-244	4.39	-66.		0.	-54	0.000		0.	-8	0.14	0.000
3908		19.01	19.01		426	-119	1.27	-42.		0.	-161	0.000		0.	-161	2.89	0.000
3909		19.01	19.01		0.	-149	2.67	-40.		0.	-141	0.000		0.	-149	2.67	0.000
3910		19.01	19.01		245	-158	2.34	-48.		0.	-107	0.000		0.	-108	1.93	0.000
3911		19.01	19.01		0.	-163	2.93	-44.		0.	-107	0.000		0.	-87	1.56	0.000
3912		19.01	19.01		2053	-397	2.94	-152.		1247	-361	0.000		672	-332	4.59	0.000
3913		19.01	19.01		2152	-467	4.01	-173.		1380	-424	0.000		625	-387	5.68	0.000
3914		19.01	19.01		2222	-481	4.11	-179.		1464	-429	0.000		735	-386	5.43	0.000
5852		34.83	34.83		11785	1074	0.00	2482.		11695	779	0.161		11409	426	21.67	0.098
5853		34.83	34.83		0.	-478	7.91	-119.		0.	-677	0.000		0.	-690	11.42	0.000
5858		19.01	19.01		3689	-808	6.99	-299.		1880	-703	0.000		74	-606	10.73	0.000
5859		19.01	19.01		2206	-774	9.40	-257.		1117	-712	0.000		26	-659	11.78	0.000
5860		30.88	30.88		0.	-478	8.07	-121.		0.	-628	0.000		0.	-712	12.01	0.000
5863		19.01	19.01		0.	-645	11.58	-174.		0.	-675	0.000		0.	-712	12.78	0.000
5864		34.83	34.83		4680	717	0.00	1403.		4970	614	0.093		4873	514	0.00	0.075
5891		30.88	30.88		2456	-264	0.12	-116.		827	-365	0.000		0.	-474	8.01	0.000
5892		19.01	19.01		2937	-94	10.64	179.		1237	-285	0.000		0.	-482	8.65	0.000
5893		34.83	34.83		0.	-181	3.00	-45.		100	-253	0.000		2103	-330	1.65	0.000
5894		30.88	30.88		3147	-81	9.48	151.		1289	-221	0.000		0.	-367	6.20	0.000
5895		19.01	19.01		3053	-23	11.11	357.		1279	-213	0.000		0.	-407	7.30	0.000
5896		34.83	34.83		0.	-123	2.04	-31.		502	-202	0.000		2354	-287	0.48	0.000
5899		30.88	30.88		3400	-20	9.79	261.		1496	-168	0.000		0.	-323	5.45	0.000
5901		30.88	30.88		2129	236	0.00	573.		2270	175	0.033		1969	137	1.24	0.027
5902		19.01	19.01		3139	12	11.09	462.		1264	-176	0.000		0.	-368	6.61	0.000
5904		19.01	19.01		1946	194	0.00	794.		1453	157	0.073		1068	120	0.00	0.056
5912		34.83	34.83		0.	74	0.00	107.		0.	63	0.007		240	82	0.00	0.010
5913		34.83	34.83		0.	-7	0.12	-2.		0.	20	0.002		0.	76	0.00	0.009
5914		30.88	30.88		4241	151	8.92	612.		4026	132	0.034		3520	129	7.29	0.031
5915		30.88	30.88		5308	140	12.44	684.		4511	131	0.036		3712	161	6.89	0.036
5919		34.83	34.83		5926	491	0.00	1177.		7459	872	0.154		7433	871	0.00	0.154
5920		34.83	34.83		9335	359	17.45	1236.		9694	684	0.134		9661	683	4.85	0.133
5923		34.83	34.83		0.	-117	1.93	-29.		0.	-138	0.000		0.	-143	2.36	0.000
5926		30.88	30.88		0.	-108	1.83	-27.		0.	-130	0.000		0.	-135	2.28	0.000
5927		34.83	34.83		10668	-88	29.19	696.		11415	-157	0.030		11375	-142	31.56	0.030
5930		34.83	34.83		0.	-114	1.89	-28.		0.	-246	0.000		0.	-384	6.35	0.000
5933		30.88	30.88		0.	-369	6.22	-93.		0.	-303	0.000		0.	-292	4.93	0.000
5951		30.88	30.88		4254	-247	13.21	60.		1517	-279	0.000		364	-322	4.75	0.000
5952		30.88	30.88		4255	-247	13.21	60.		1518	-279	0.000		364	-322	4.75	0.000
5965		34.83	34.83		5250	72	12.80	503.		4737	626	0.094		4646	814	0.00	0.128
5966		34.83	34.83		10285	-2	27.22	784.		9975	-172	0.024		9919	-85	27.17	0.029
5969		19.01	19.01		5331	216	14.01	1318.		3899	179	0.105		3347	176	7.00	0.098

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

5970		19.01		19.01		1757	-386	3.34	-143.		0.	-478	0.000		0.	-490	8.80	0.000	
5971		19.01		19.01		1758	-386	3.34	-143.		0.	-478	0.000		0.	-490	8.80	0.000	
5972		19.01		19.01		605	-573	9.05	-168.		0.	-640	0.000		0.	-637	11.43	0.000	
5973		19.01		19.01		606	-573	9.05	-168.		0.	-640	0.000		0.	-637	11.43	0.000	
5976		19.01		19.01		1942	15	6.76	306.		1018	-235	0.000		97	-490	8.60	0.000	
5977		19.01		19.01		1973	-28	7.23	198.		1029	-233	0.000		88	-443	7.77	0.000	
5978		19.01		19.01		1930	-22	7.06	208.		1017	-213	0.000		108	-409	7.13	0.000	
5980		19.01		19.01		2164	133	3.36	662.		1205	121	0.057		232	107	0.00	0.044	
5981		19.01		19.01		1020	43	2.63	256.		168	-402	0.000		54	-509	9.03	0.000	
5982		19.01		19.01		956	-82	3.48	1.		128	-393	0.000		28	-484	8.62	0.000	
5983		19.01		19.01		948	-105	0.05	-49.		82	-388	0.000		0.	-440	7.89	0.000	
5987		19.01		19.01		2589	78	7.73	564.		939	104	0.048		0.	97	0.00	0.039	
5988		19.01		19.01		5655	277	12.83	1530.		4011	221	0.121		3469	215	5.32	0.114	
5990		19.01		19.01		5080	182	14.23	1189.		3351	172	0.096		1755	194	0.00	0.090	
5991		19.01		19.01		5435	276	11.82	1500.		3823	222	0.120		2349	198	0.00	0.097	
5992		19.01		19.01		5932	357	9.77	1792.		4397	258	0.139		2860	195	3.00	0.101	
5995		19.01		19.01		0.	-149	2.68	-40.		0.	-115	0.000		0.	-127	2.29	0.000	
5998		19.01		19.01		1891	-91	6.65	61.		1124	-115	0.000		338	-120	1.46	0.000	
5999		19.01		19.01		2089	159	0.42	722.		0.	206	0.082		0.	207	0.00	0.083	
6000		19.01		19.01		2072	128	3.18	636.		0.	213	0.085		0.	214	0.00	0.086	
6001		19.01		19.01		1928	152	0.00	682.		0.	198	0.079		0.	197	0.00	0.079	
6002		19.01		19.01		1702	140	0.00	616.		0.	186	0.074		0.	183	0.00	0.073	
6003		19.01		19.01		1955	175	0.00	745.		0.	175	0.070		0.	165	0.00	0.066	
6004		19.01		19.01		1384	171	0.00	652.		0.	144	0.057		0.	142	0.00	0.057	
6005		19.01		19.01		1290	185	0.00	676.		0.	134	0.054		0.	132	0.00	0.053	
6006		19.01		19.01		1942	222	0.00	869.		7	160	0.064		0.	138	0.00	0.055	
6007		19.01		19.01		952	207	0.00	683.		0.	111	0.044		0.	108	0.00	0.043	
6009		19.01		19.01		4590	-81	16.83	425.		3112	-134	0.010		1655	-171	0.29	0.000	
6011		19.01		19.01		4634	-85	16.99	422.		3181	-73	0.020		1697	-52	6.16	0.009	
6012		19.01		19.01		4634	-85	16.99	422.		3181	-73	0.020		1697	-52	6.16	0.009	
6013		19.01		19.01		2428	-298	0.40	-134.		1634	-486	0.000		1203	-243	1.91	0.000	
6016		19.01		19.01		4845	-323	16.93	59.		3300	-426	0.000		1903	-227	0.20	0.000	
6019		19.01		19.01		5598	-327	19.51	110.		2731	-361	0.000		298	-247	3.82	0.000	
6020		19.01		19.01		5009	-339	17.52	57.		2811	-364	0.000		674	-239	2.92	0.000	
6021		19.01		19.01		5180	-228	18.36	201.		2816	-316	0.000		480	-236	3.25	0.000	
6025		19.01		19.01		3066	-416	1.22	-180.		1763	-348	0.000		540	-274	3.81	0.000	
6026		19.01		19.01		2445	-268	0.16	-126.		1489	-213	0.000		538	-161	1.80	0.000	
6027		19.01		19.01		1252	-53	4.45	52.		839	-13	0.006		432	-93	0.80	0.000	
6029		19.01		19.01		1529	-69	5.41	56.		1151	-34	0.006		792	-112	0.40	0.000	
6030		19.01		19.01		3598	-568	2.86	-232.		2555	-452	0.000		1527	-340	3.00	0.000	
6032		19.01		19.01		281	18	0.42	87.		131	-101	0.000		54	-156	2.70	0.000	
6034		19.01		19.01		117	-55	0.74	-17.		0.	-201	0.000		0.	-298	5.36	0.000	
6040		19.01		19.01		653	-105	0.56	-43.		7	-101	0.000		0.	-84	1.50	0.000	
6043		19.01		19.01		842	-51	2.93	14.		290	-16	0.001		0.	32	0.00	0.013	
6044		19.01		19.01		895	-29	3.24	53.		105	-6	0.000		0.	-22	0.40	0.000	
6045		19.01		19.01		796	-78	0.22	-39.		152	-61	0.000		0.	-42	0.75	0.000	
6046		19.01		19.01		859	55	1.15	270.		138	22	0.010		73	32	0.00	0.013	
6047		19.01		19.01		695	-3	2.51	88.		449	-3	0.004		378	7	1.23	0.007	
6049		19.01		19.01		351	-3	1.28	40.		390	-15	0.001		390	-11	1.42	0.002	
6050		19.01		19.01		72	-28	0.36	-9.		117	-23	0.000		120	-23	0.16	0.000	
6052		19.01		19.01		850	-19	3.11	69.		233	-7	0.001		0.	42	0.00	0.017	
6053		19.01		19.01		971	104	0.00	416.		0.	45	0.018		0.	54	0.00	0.022	
6056		19.01		19.01		0.	-368	6.61	-99.		0.	-333	0.000		0.	-324	5.82	0.000	
6057		19.01		19.01		0.	-371	6.65	-100.		0.	-339	0.000		0.	-329	5.91	0.000	
6058		19.01		19.01		0.	-285	5.12	-77.		0.	-264	0.000		0.	-254	4.57	0.000	
6059		19.01		19.01		0.	-281	5.04	-76.		0.	-259	0.000		0.	-254	4.56	0.000	
6061		19.01		19.01		0.	-352	6.32	-95.		0.	-331	0.000		0.	-325	5.84	0.000	
6062		19.01		19.01		102	-26	0.26	-9.		154	-18	0.000		152	-11	0.54	0.000	
6065		19.01		19.01		656	-43	2.29	9.		267	20	0.010		241	21	0.00	0.010	
6066		19.01		19.01		204	-21	0.03	-10.		0.	55	0.022		0.	56	0.00	0.022	
6067		19.01		19.01		975	12	3.32	166.		460	-2	0.005		35	-2	0.12	0.000	
6068		19.01		19.01		0.	139	0.00	367.		0.	92	0.037		0.	98	0.00	0.039	
6071		19.01		19.01		0.	13	0.00	33.		0.	94	0.037		0.	94	0.00	0.038	
6073		19.01		19.01		0.	129	0.00	340.		0.	210	0.084		0.	212	0.00	0.085	
6074		19.01		19.01		0.	103	0.00	272.		0.	181	0.072		0.	183	0.00	0.073	
6075		19.01		19.01		0.	96	0.00	251.		0.	164	0.065		0.	168	0.00	0.067	
6076		19.01		19.01		0.	192	0.00	505.		0.	155	0.062		0.	156	0.00	0.062	
6077		19.01		19.01		0.	188	0.00	496.		0.	179	0.071		0.	180	0.00	0.072	
6078		19.01		19.01		0.	161	0.00	425.		0.	195	0.078		0.	196	0.00	0.078	
6079		19.01		19.01		3313	-414	0.67	-184.		2359	-337	0.000		1421	-264	1.85	0.000	
6080		19.01		19.01		3144	-384	0.48	-173.		2273	-306	0.000		1418	-232	1.28	0.000	
6082		19.01		19.01		3336	-480	1.81	-203.		2402	-373	0.000		1484	-271	1.84	0.000	
6083		19.01		19.01		2792	-246	1.27	-128.		2014	-217	0.000		1248	-191	0.89	0.000	
6084		19.01		19.01		2374	-162	8.31	26.		1749	-144	0.000		1137	-129	0.00	0.000	
6086		19.01		19.01		2939	-331	0.05	-154.		2132	-271	0.000		1339	-214	1.10	0.000	
6087		19.01		19.01		1040	-14	3.80	108.		833	-49	0.001		626	-128	1.02	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6088		19.01	19.01		713	-41	2.49	15.		598	-103	0.000		481	-176	2.18	0.000	
6089		19.01	19.01		560	-48	2.05	0.		471	-114	0.000		380	-210	3.00	0.000	
6091		19.01	19.01		224	-81	1.00	-27.		164	-180	0.000		97	-274	4.71	0.000	
6092		19.01	19.01		157	-145	2.29	-43.		46	-195	0.000		10	-277	4.95	0.000	
6094		19.01	19.01		392	-47	0.04	-21.		304	-143	0.000		244	-241	3.82	0.000	
6095		19.01	19.01		925	-63	3.24	10.		351	-17	0.001		0.	22	0.00	0.009	
6096		19.01	19.01		985	-29	3.58	65.		347	3	0.005		0.	40	0.00	0.016	
6098		19.01	19.01		667	-67	0.16	-33.		195	-30	0.000		0.	-25	0.44	0.000	
6099		19.01	19.01		951	-27	3.46	65.		363	3	0.005		0.	36	0.00	0.014	
6100		19.01	19.01		893	-27	3.24	57.		360	2	0.005		0.	32	0.00	0.013	
6103		19.01	19.01		0.	1	0.00	2.		0.	37	0.015		0.	38	0.00	0.015	
6104		19.01	19.01		0.	-5	0.08	-1.		0.	37	0.015		0.	38	0.00	0.015	
6105		19.01	19.01		0.	-10	0.19	-3.		0.	28	0.011		0.	33	0.00	0.013	
6107		19.01	19.01		314	-7	1.15	26.		152	1	0.002		120	2	0.39	0.002	
6108		19.01	19.01		126	9	0.05	43.		0.	24	0.010		0.	25	0.00	0.010	
6109		19.01	19.01		4	11	0.00	28.		0.	33	0.013		0.	33	0.00	0.013	
6111		19.01	19.01		703	-33	2.48	25.		512	-26	0.001		396	-22	1.38	0.001	
6112		19.01	19.01		500	-12	1.83	38.		374	-9	0.002		306	-5	1.12	0.002	
6113		19.01	19.01		395	-18	1.40	14.		245	-11	0.001		200	-9	0.71	0.001	
6114		19.01	19.01		0.	-127	2.28	-34.		0.	-118	0.000		0.	-116	2.08	0.000	
6115		19.01	19.01		0.	-226	4.05	-61.		0.	-212	0.000		0.	-208	3.74	0.000	
6117		19.01	19.01		0.	-94	1.69	-25.		0.	-91	0.000		0.	-90	1.62	0.000	
6118		19.01	19.01		0.	-324	5.82	-87.		0.	-300	0.000		0.	-296	5.31	0.000	
6120		19.01	19.01		0.	-365	6.56	-98.		0.	-340	0.000		0.	-335	6.02	0.000	
6121		19.01	19.01		0.	-148	2.66	-40.		0.	-135	0.000		0.	-128	2.29	0.000	
6122		19.01	19.01		0.	-105	1.89	-28.		0.	-91	0.000		0.	-85	1.53	0.000	
6124		19.01	19.01		0.	-249	4.46	-67.		0.	-226	0.000		0.	-222	3.99	0.000	
6125		19.01	19.01		363	-6	1.33	35.		395	-19	0.001		387	-14	1.39	0.002	
6126		19.01	19.01		507	-10	1.86	46.		512	-8	0.004		477	-4	1.73	0.004	
6128		19.01	19.01		336	-5	1.23	33.		378	-23	0.001		365	-17	1.29	0.001	
6130		19.01	19.01		176	3	0.58	32.		0.	19	0.008		0.	20	0.00	0.008	
6131		19.01	19.01		435	-19	1.54	17.		214	-1	0.002		144	4	0.43	0.003	
6132		19.01	19.01		519	-24	1.83	19.		241	-8	0.001		148	0.	0.53	0.002	
6133		19.01	19.01		537	-15	1.96	38.		523	-3	0.005		505	-5	1.84	0.004	
6134		19.01	19.01		662	-31	2.34	23.		436	6	0.007		398	9	1.27	0.007	
6136		19.01	19.01		579	-1	2.08	77.		562	0.	0.006		523	-1	1.88	0.006	
6138		19.01	19.01		0.	18	0.00	46.		0.	48	0.019		0.	48	0.00	0.019	
6139		19.01	19.01		0.	14	0.00	37.		0.	39	0.015		0.	39	0.00	0.015	
6140		19.01	19.01		0.	6	0.00	15.		0.	24	0.010		0.	25	0.00	0.010	
6141		19.01	19.01		0.	61	0.00	160.		0.	132	0.053		0.	133	0.00	0.053	
6142		19.01	19.01		0.	68	0.00	179.		0.	145	0.058		0.	148	0.00	0.059	
6144		19.01	19.01		0.	36	0.00	96.		0.	119	0.047		0.	121	0.00	0.048	
6146		19.01	19.01		0.	87	0.00	229.		0.	47	0.019		0.	62	0.00	0.025	
6148		19.01	19.01		0.	130	0.00	342.		0.	80	0.032		0.	93	0.00	0.037	
6149		19.01	19.01		0.	55	0.00	144.		0.	11	0.005		0.	12	0.00	0.005	
6150		19.01	19.01		481	-5	1.76	53.		0.	-21	0.000		0.	-33	0.59	0.000	
6152		19.01	19.01		0.	72	0.00	188.		0.	33	0.013		0.	45	0.00	0.018	
6153		19.01	19.01		1710	-21	6.25	180.		1146	-19	0.009		650	-25	2.33	0.003	
6154		19.01	19.01		1876	12	6.57	289.		1276	1	0.014		814	-2	2.93	0.009	
6155		19.01	19.01		1945	-5	7.00	254.		1286	-6	0.013		802	-8	2.93	0.007	
6156		19.01	19.01		1408	-19	5.15	145.		884	-39	0.003		563	-18	2.04	0.003	
6157		19.01	19.01		700	-138	1.06	-53.		383	-85	0.000		168	-18	0.02	0.000	
6158		19.01	19.01		1744	-187	0.20	-89.		934	-155	0.000		33	-88	1.51	0.000	
6159		19.01	19.01		2569	-137	8.98	66.		1303	-151	0.000		0.	-132	2.36	0.000	
6160		19.01	19.01		2513	-233	0.94	-118.		1225	-197	0.000		0.	-139	2.49	0.000	
6167		34.83	34.83		5472	642	0.00	1358.		5599	629	0.100		5564	487	0.00	0.075	
6168		34.83	34.83		6107	621	0.00	1379.		5972	567	0.091		5797	451	0.00	0.070	
6169		34.83	34.83		6068	575	0.00	1309.		6092	603	0.098		5992	458	0.40	0.072	
6171		34.83	34.83		7646	3	20.18	589.		6680	-7	0.022		5774	-59	15.90	0.016	
6172		34.83	34.83		6982	-13	18.62	517.		6114	-35	0.019		5278	-94	14.86	0.012	
6173		34.83	34.83		7162	9	18.82	560.		6142	-11	0.020		5178	-81	14.50	0.013	
6181		34.83	34.83		6520	-141	18.52	314.		7146	-156	0.015		7086	-160	20.16	0.015	
6182		34.83	34.83		6821	-218	19.72	246.		8300	-268	0.013		8218	-242	23.67	0.014	
6184		34.83	34.83		4967	-139	14.28	201.		5571	-192	0.008		5552	-191	16.11	0.008	
6185		34.83	34.83		6492	-1	17.18	495.		5468	-25	0.017		4494	-126	12.91	0.008	
6186		34.83	34.83		5969	101	14.20	600.		5308	-6	0.018		4589	-151	13.29	0.007	
6188		34.83	34.83		6567	65	16.43	594.		5482	12	0.020		4448	-95	12.62	0.010	
6197		19.01	19.01		0.	-783	14.05	-211.		0.	-775	0.000		0.	-771	13.84	0.000	
6198		19.01	19.01		0.	-889	15.97	-239.		0.	-854	0.000		0.	-849	15.25	0.000	
6199		19.01	19.01		0.	-825	14.82	-222.		0.	-803	0.000		0.	-799	14.34	0.000	
6201		19.01	19.01		0.	-783	14.05	-211.		0.	-775	0.000		0.	-771	13.84	0.000	
6203		19.01	19.01		0.	-826	14.82	-222.		0.	-803	0.000		0.	-799	14.34	0.000	
6204		19.01	19.01		0.	-889	15.97	-239.		0.	-854	0.000		0.	-849	15.25	0.000	
6205		34.83	34.83		5919	-354	17.84	70.		9074	-235	0.017		8989	-258	25.87	0.016	
6207		34.83	34.83		4865	-277	14.58	67.		3706	-188	0.003		3630	-211	10.90	0.002	
6208		34.83	34.83		7642	-71	20.98	488.		9221	68	0.038		8276	2	21.85	0.028	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

6209		34.83	34.83		5920	-353	17.84	70.		9074	-235	0.017		8989	-258	25.86	0.016	
6210		34.83	34.83		7645	-70	20.99	489.		9221	68	0.038		8275	3	21.85	0.028	
6211		34.83	34.83		4862	-277	14.57	67.		3701	-188	0.003		3626	-211	10.89	0.002	
6221		19.01	19.01		6068	348	11.04	1786.		4210	265	0.140		3607	247	3.71	0.128	
6224		19.01	19.01		6189	297	14.30	1659.		4318	232	0.128		3689	217	6.37	0.117	
6233		34.83	34.83		5107	110	11.67	549.		4128	111	0.025		3146	183	3.65	0.030	
6235		19.01	19.01		5694	221	15.33	1381.		4673	186	0.114		3652	216	6.25	0.116	
6236		34.83	34.83		6447	122	15.10	667.		5169	124	0.030		3889	162	6.90	0.030	
6241		34.83	34.83		1563	153	0.00	344.		1463	849	0.117		1702	1236	0.00	0.193	
6242		34.83	34.83		3440	76	7.83	372.		2936	711	0.099		2851	882	0.00	0.131	
6243		34.83	34.83		5039	334	3.84	879.		3347	850	0.127		2010	1149	0.00	0.177	
6244		19.01	19.01		1600	-172	0.18	-81.		519	-175	0.000		184	-190	3.03	0.000	
6245		19.01	19.01		2801	-141	9.83	82.		1494	-209	0.000		950	-240	2.38	0.000	
6246		19.01	19.01		200	-172	2.69	-51.		245	-187	0.000		200	-182	2.86	0.000	
6247		19.01	19.01		925	-152	0.85	-61.		791	-206	0.000		678	-186	1.96	0.000	
6248		19.01	19.01		97	-199	3.38	-56.		380	-85	0.000		381	-85	0.74	0.000	
6249		19.01	19.01		519	-201	2.55	-66.		533	-82	0.000		540	-79	0.32	0.000	
6250		19.01	19.01		129	-135	2.17	-39.		358	-1	0.004		358	0.	1.28	0.004	
6251		19.01	19.01		398	-116	1.28	-40.		365	19	0.011		365	19	0.78	0.011	
6252		19.01	19.01		109	-71	1.05	-22.		338	48	0.021		339	50	0.00	0.022	
6253		19.01	19.01		67	-36	0.51	-11.		241	86	0.036		241	86	0.00	0.036	
6254		19.01	19.01		0.	-53	0.96	-14.		56	25	0.010		176	60	0.00	0.025	
6255		19.01	19.01		0.	-10	0.18	-3.		0.	53	0.021		0.	97	0.00	0.039	
8630		19.01	19.01		651	-36	2.27	15.		343	-28	0.000		218	-14	0.76	0.000	
8631		19.01	19.01		909	-77	3.30	1.		586	-28	0.002		392	-8	1.44	0.003	
8632		19.01	19.01		985	-102	0.18	-49.		588	-45	0.000		371	-22	1.29	0.001	
8633		19.01	19.01		493	-16	1.79	30.		494	-9	0.004		476	-6	1.74	0.004	
8634		19.01	19.01		535	-11	1.96	46.		522	-8	0.004		481	-1	1.73	0.005	
8636		19.01	19.01		637	-6	2.32	73.		581	-6	0.005		505	2	1.79	0.006	
8637		19.01	19.01		75	-171	2.91	-48.		0.	-252	0.000		0.	-346	6.21	0.000	
8638		19.01	19.01		0.	-186	3.33	-50.		0.	-226	0.000		0.	-289	5.18	0.000	
8639		19.01	19.01		222	-186	2.88	-55.		0.	-224	0.000		0.	-236	4.24	0.000	
8640		19.01	19.01		0.	-122	2.18	-33.		0.	-186	0.000		0.	-218	3.91	0.000	
8641		19.01	19.01		564	-109	0.81	-42.		0.	-125	0.000		0.	-121	2.17	0.000	
8642		19.01	19.01		16	-157	2.78	-43.		0.	-159	0.000		0.	-180	3.22	0.000	
8643		19.01	19.01		394	-43	0.04	-20.		30	-52	0.000		0.	-67	1.21	0.000	
8644		19.01	19.01		2970	-506	3.04	-202.		1422	-472	0.000		258	-386	6.39	0.000	
8645		19.01	19.01		3565	-588	3.29	-237.		2020	-478	0.000		539	-364	5.44	0.000	
8646		19.01	19.01		3158	-544	3.32	-216.		1956	-454	0.000		762	-370	5.08	0.000	
8648		19.01	19.01		2932	-837	9.06	-290.		1472	-737	0.000		14	-646	11.57	0.000	
8649		19.01	19.01		3696	-815	7.10	-301.		1883	-706	0.000		75	-605	10.71	0.000	
8650		19.01	19.01		3250	-617	4.46	-238.		1615	-627	0.000		0.	-646	11.60	0.000	
8652		19.01	19.01		1613	-755	10.26	-239.		812	-704	0.000		6	-662	11.88	0.000	
8653		19.01	19.01		2227	-775	9.37	-258.		1128	-712	0.000		27	-659	11.77	0.000	
8654		19.01	19.01		2519	-662	6.75	-234.		1295	-660	0.000		71	-667	11.82	0.000	
8656		19.01	19.01		0.	-664	11.92	-179.		0.	-682	0.000		0.	-706	12.68	0.000	
8657		19.01	19.01		0.	-643	11.54	-173.		0.	-674	0.000		0.	-713	12.80	0.000	
8658		19.01	19.01		648	-647	10.30	-189.		359	-674	0.000		64	-709	12.60	0.000	
8660		34.83	34.83		0.	-448	7.42	-111.		0.	-611	0.000		0.	-694	11.48	0.000	
8661		19.01	19.01		0.	-486	8.72	-131.		0.	-633	0.000		0.	-716	12.85	0.000	
8662		19.01	19.01		0.	-601	10.79	-162.		0.	-681	0.000		0.	-724	12.99	0.000	
8724		34.83	34.83		0.	-407	6.74	-101.		0.	-656	0.000		0.	-676	11.19	0.000	
8725		34.83	34.83		0.	-550	9.10	-136.		0.	-698	0.000		0.	-704	11.65	0.000	
8726		34.83	34.83		0.	-407	6.74	-101.		0.	-656	0.000		0.	-677	11.19	0.000	
8727		34.83	34.83		12166	1012	0.00	2423.		11480	760	0.157		10881	452	19.33	0.099	
8728		34.83	34.83		11775	966	0.00	2325.		11646	786	0.163		11409	472	20.32	0.106	
8730		34.83	34.83		11750	1049	0.00	2442.		11765	788	0.163		11558	450	21.42	0.103	
8732		34.83	34.83		0.	-183	3.02	-45.		0.	-275	0.000		2277	-371	2.01	0.000	
8733		34.83	34.83		0.	-337	5.58	-84.		30	-368	0.000		771	-404	5.30	0.000	
8734		34.83	34.83		0.	-309	5.12	-77.		0.	-407	0.000		1766	-511	5.25	0.000	
8735		34.83	34.83		6519	-3	17.28	494.		6903	-45	0.021		6830	-66	18.78	0.019	
8736		34.83	34.83		7293	-86	20.19	441.		7986	-113	0.020		7890	-117	22.04	0.020	
8738		34.83	34.83		7970	-201	22.80	349.		8485	-28	0.027		8348	-51	22.66	0.025	
8739		34.83	34.83		6598	496	1.14	1238.		6578	530	0.088		6365	406	5.71	0.066	
8740		34.83	34.83		8529	272	17.46	1046.		8025	368	0.069		7646	260	15.24	0.052	
8741		34.83	34.83		9229	82	23.24	821.		8494	115	0.040		7846	92	19.39	0.035	
8742		34.83	34.83		7949	9	20.90	621.		7045	19	0.026		6205	-31	16.77	0.019	
8743		34.83	34.83		11911	847	5.62	2164.		11477	747	0.154		11133	460	19.84	0.102	
8744		34.83	34.83		11337	558	17.23	1684.		10875	635	0.131		10506	431	18.82	0.094	
8745		34.83	34.83		10137	131	24.85	961.		9941	237	0.059		9696	245	21.39	0.058	
8746		34.83	34.83		8152	-92	22.53	499.		8391	-3	0.028		8244	40	21.27	0.032	
8747		34.83	34.83		11746	-32	31.45	854.		11251	56	0.044		11056	331	23.17	0.080	
8748		34.83	34.83		13026	-12	34.60	979.		12517	-126	0.035		12372	139	30.69	0.058	
8749		34.83	34.83		12943	-153	35.84	783.		12456	-170	0.032		12340	-84	33.59	0.037	
8750		34.83	34.83		10742	205	25.11	1114.		10790	525	0.111		10765	555	15.42	0.116	
8751		34.83	34.83		11652	62	29.98	977.		11551	296	0.077		11535	348	24.12	0.086	

8752		34.83	34.83		11943	-7	31.67	903.		11997	-62	0.037		11953	-9	31.72	0.040	
8754		34.83	34.83		6515	-40	17.69	443.		6345	34	0.025		6317	86	15.42	0.030	
8755		34.83	34.83		4513	28	11.55	385.		4201	129	0.027		4185	204	6.44	0.035	
8756		34.83	34.83		9447	28	24.61	762.		10584	81	0.044		10548	82	26.75	0.044	
8757		34.83	34.83		8716	132	21.03	854.		10075	249	0.061		10041	249	22.26	0.061	
8903		34.83	34.83		2002	160	0.00	389.		3431	169	0.029		3432	169	5.20	0.029	
8904		34.83	34.83		2141	139	1.78	369.		3208	157	0.027		3175	127	5.80	0.024	
8905		34.83	34.83		2367	302	0.00	623.		3431	223	0.035		3581	197	4.63	0.033	
8911		34.83	34.83		0.	107	0.00	154.		0.	81	0.010		705	79	0.00	0.011	
8912		34.83	34.83		708	99	0.00	199.		1779	82	0.015		1880	81	3.23	0.015	
8913		34.83	34.83		0.	150	0.00	216.		988	110	0.015		1615	108	1.19	0.017	
8941		34.83	34.83		0.	-21	0.35	-5.		0.	-2	0.000		0.	69	0.00	0.008	
8942		34.83	34.83		5393	124	12.18	590.		4266	122	0.027		3136	199	2.86	0.032	
8943		34.83	34.83		7765	175	17.59	845.		5847	170	0.037		4156	189	6.84	0.034	
8944		19.01	19.01		6033	272	14.75	1567.		4764	223	0.129		3684	239	4.81	0.125	
8945		19.01	19.01		6546	387	11.23	1957.		4567	288	0.152		3855	256	4.65	0.133	
8946		19.01	19.01		6207	424	6.46	2016.		4780	293	0.156		3352	196	5.88	0.106	
8947		19.01	19.01		1394	228	0.00	804.		0.	101	0.040		0.	93	0.00	0.037	
8949		19.01	19.01		0.	131	0.00	344.		0.	88	0.035		0.	110	0.00	0.044	
8950		19.01	19.01		0.	183	0.00	481.		0.	120	0.048		0.	127	0.00	0.051	
8951		34.83	34.83		3294	615	0.00	1145.		5542	989	0.165		5522	989	0.00	0.165	
8952		34.83	34.83		5122	549	0.00	1197.		7040	928	0.162		7017	927	0.00	0.162	
8954		34.83	34.83		3667	596	0.00	1147.		6145	1023	0.175		6125	1022	0.00	0.174	
8955		34.83	34.83		0.	-374	6.19	-93.		0.	-259	0.000		0.	-149	2.46	0.000	
8956		30.88	30.88		0.	-290	4.89	-73.		0.	-232	0.000		0.	-151	2.54	0.000	
8957		19.01	19.01		3829	-213	13.36	87.		2678	-397	0.000		1520	-178	0.10	0.000	
8958		19.01	19.01		5073	-183	18.25	267.		3508	-344	0.000		2166	-211	0.62	0.000	
8959		19.01	19.01		4876	-210	17.32	197.		3085	-358	0.000		1343	-245	1.66	0.000	
8960		34.83	34.83		0.	-169	2.80	-42.		0.	-240	0.000		0.	109	0.00	0.013	
8962		30.88	30.88		1187	-290	2.68	-97.		527	-134	0.000		0.	30	0.00	0.004	
8963		19.01	19.01		5084	-175	18.34	284.		3612	-343	0.000		2137	-81	7.66	0.008	
8964		19.01	19.01		5379	-58	19.65	587.		3746	-278	0.002		2549	-180	8.95	0.002	
8965		19.01	19.01		4586	-79	16.81	428.		3338	-332	0.000		2146	-246	0.04	0.000	
9474		34.83	34.83		10330	13	27.15	808.		9842	162	0.049		9586	451	15.28	0.092	
9475		34.83	34.83		8383	36	21.69	691.		7881	330	0.062		7650	513	5.52	0.092	
9476		34.83	34.83		7584	65	19.14	671.		7061	494	0.085		6884	663	0.00	0.113	

1.6 PARETE P9

Si riportano di seguito gli involuppi delle sollecitazioni SLU/SLV massimi e minimi. Le unità di misura utilizzate sono [daN/cm] e [daNcm/cm]. Le sollecitazioni sono rappresentate nella convenzione tipica delle piastre. A seguire sono riportati i tabulati di verifica. Si predispone un'armatura verticale su entrambe le facce costituita da $1\phi 20/20$ e orizzontale su entrambe le facce pari a $1\phi 22/20$.

A taglio si inseriscono spilli $\phi 12/40 \times 40$ che garantiscono una tensione di taglio resistente di 6.16 daN/cm^2 . Questa resistenza è sufficiente per gran parte della parete fatta eccezione per alcune zone indicate di seguito che richiedono spilli $\phi 12/20 \times 20$ con una tensione resistente di 24.65 daN/cm^2 . Questa zona infittita ha altezza pari a 200 cm a partire dalla quota inferiore.

θ	22	°
$\text{ctg}\theta$	2.48	ok
A_{sw}	283	mm^2
s	400	mm
α	90	°
$\text{ctg}\alpha$	6E-17	
f_{yd}	391	MPa
	264941	N
V_{Rsd}	0.62	MPa
	6.16	daN/cm^2
	1066370	N
V_{Rcd}	2.48	MPa
	24.80	daN/cm^2
V_{Rd}	0.62	MPa
	6.16	daN/cm^2

D passo
12 40

1D12 40x40



FIGURA 31: ISOLINEE PER VERIFICA A TAGLIO

con armatura a taglio

θ	22	°
$ctg\theta$	2.48	ok
A_{sw}	565	mm ²
s	200	mm
α	90	°
$ctg\alpha$	6E-17	
f_{yd}	391	MPa
	1059762	N
V_{Rsd}	2.46	MPa
	24.65	daN/cm ²
	1066370	N
V_{Rcd}	2.48	MPa
	24.80	daN/cm ²
V_{Rd}	2.46	MPa
	24.65	daN/cm ²

D passo
 12 20

1D12 20x20

con armatura a taglio

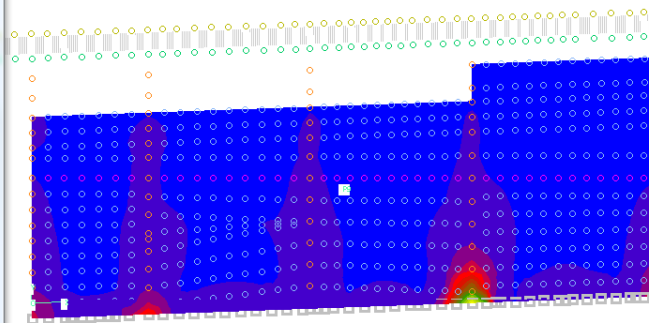
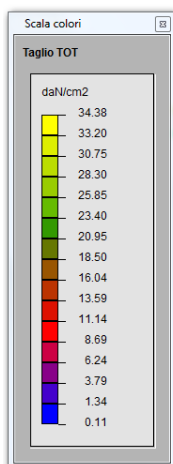


FIGURA 32: TENSIONI TANGENZIALI MASSIME

L'armatura a taglio inserita lascia scoperta una piccola porzione di parete rappresentata nella figura seguente. Tuttavia, dato che la porzione in oggetto si trova a livello della platea, e quindi quella parte ha uno spessore notevolmente maggiore non colta dal modello di calcolo, non si infittisce ulteriormente l'armatura.



FIGURA 33: ZONA NON COPERTA DALL'ARMATURA A TAGLIO

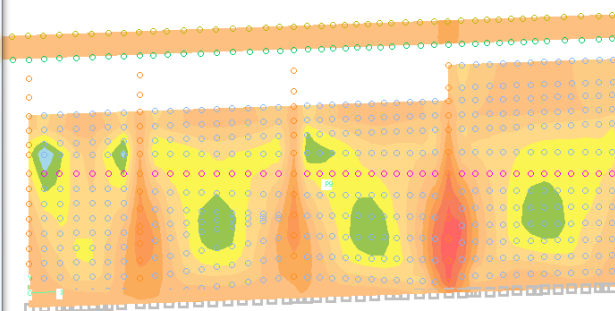
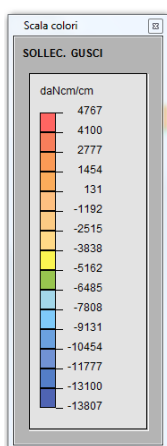


FIGURA 34: MIN Mx

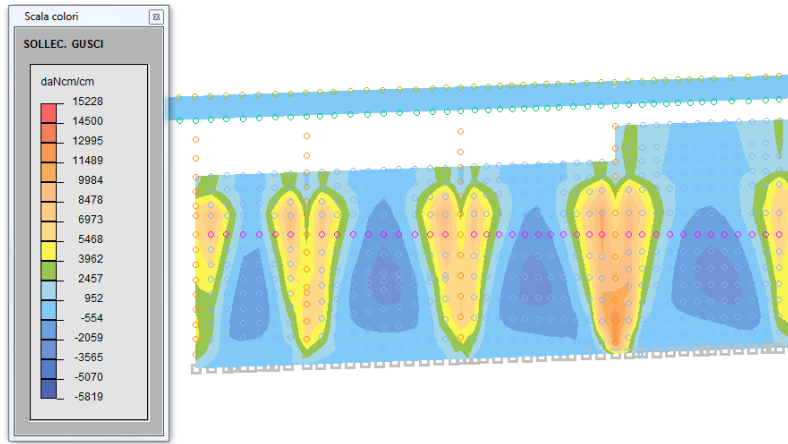


FIGURA 35: MAX Mx

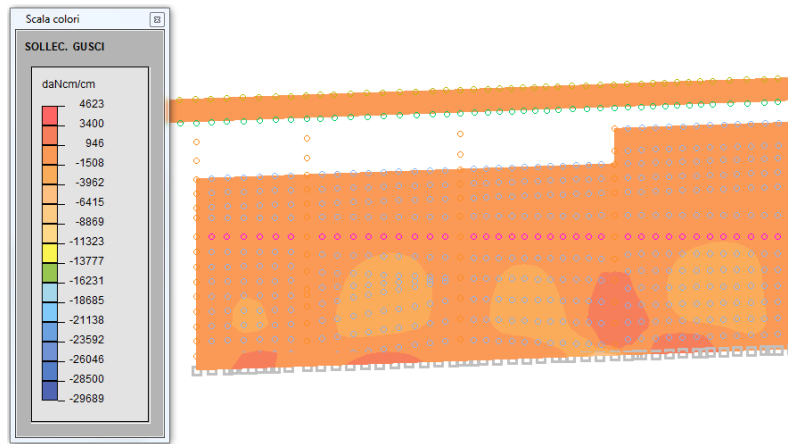


FIGURA 36: MIN My

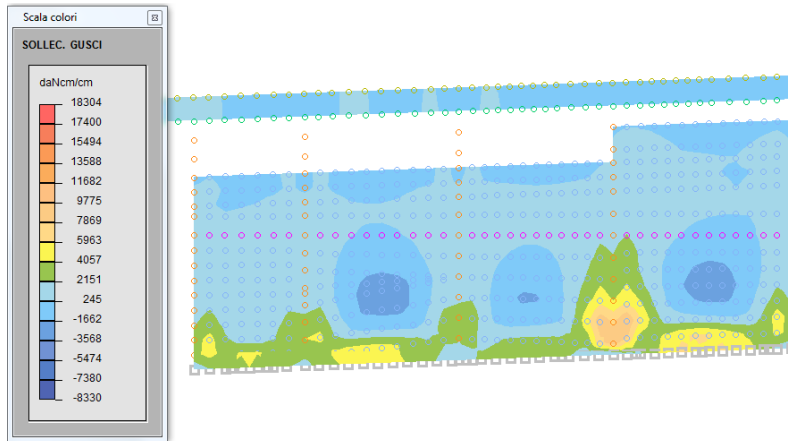


FIGURA 37: MAX My

MACROGUSCIO P9

VERIFICA ARMATURE EFFETTIVE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
1	SLU SENZA SISMA 1
2	SLU SENZA SISMA 2
5	SLU con SISMAY PRINC
6	SLU con SISMAY PRINC

DATI:

tensione di snervamento acciaio (fyk):	4500	daN/cm2
coefficiente sicurezza acciaio	: 1.15	
deformazione ultima acciaio	: 67.5	per mille
deformazione ultima cls	: 3.5	per mille

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

rapporto rottura/snervamento (k): 1.15
 resistenza cilindrica cls (fck): 290.5 daN/cm2
 coefficiente sicurezza cls : 1.5
 coefficiente riduttivo (alfa): 0.85
 copriferro inferiore (asse armatura): 7 cm
 copriferro superiore (asse armatura): 7 cm
 moltiplicatore sollecitazioni : 1

LEGENDA:

spess = spessore guscio. Verifica effettuata su sezione BxH, con B=1 cm e H="spess" cm
 Af = area disposta al lembo teso, in cm2 al metro
 Afc = area disposta al lembo compresso, in cm2 al metro
 Mom = momento flettente [daNcm/cm]
 Nor = sforzo normale [daN]
 epsC = deformazione cls [per mille]
 epsF = deformazione acciaio [per mille]

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L'armatura è sufficiente se le deformazioni dei materiali sono ovunque minori delle corrispondenti deformazioni ultime.

GUSCIO	spess	INFERIORE ORIZZONTALE				INFERIORE VERTICALE							
		Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
2709	50	19.37	19.37	11199.	-14.	0.26	0.70	15.83	15.83	1225.	224.	0.00	0.43
2710	50	19.37	19.37	4080.	-8.	0.10	0.26	15.83	15.83	1058.	219.	0.00	0.41
2711	50	19.37	19.37	0.	317.	0.00	0.39	15.83	15.83	859.	198.	0.00	0.37
2712	50	19.37	19.37	247.	267.	0.00	0.36	15.83	15.83	596.	219.	0.00	0.37
2713	50	19.37	19.37	2914.	259.	0.00	0.50	15.83	15.83	1055.	238.	0.00	0.44
2714	50	19.37	19.37	6899.	198.	0.00	0.68	15.83	15.83	1105.	229.	0.00	0.43
2715	50	19.37	19.37	12342.	174.	0.17	1.00	15.83	15.83	1077.	124.	0.00	0.27
2716	50	19.37	19.37	5680.	36.	0.10	0.41	15.83	15.83	145.	221.	0.00	0.34
2717	50	19.37	19.37	0.	559.	0.00	0.69	15.83	15.83	0.	336.	0.00	0.51
2718	50	19.37	19.37	0.	519.	0.00	0.64	15.83	15.83	94.	354.	0.00	0.54
2719	50	19.37	19.37	0.	451.	0.00	0.55	15.83	15.83	324.	346.	0.00	0.55
2720	50	19.37	19.37	0.	389.	0.00	0.48	15.83	15.83	456.	323.	0.00	0.52
2721	50	19.37	19.37	0.	341.	0.00	0.42	15.83	15.83	686.	294.	0.00	0.49
2722	50	19.37	19.37	1296.	271.	0.00	0.42	15.83	15.83	698.	264.	0.00	0.46
2723	50	19.37	19.37	3010.	222.	0.00	0.46	15.83	15.83	1321.	236.	0.00	0.46
2724	50	19.37	19.37	7725.	174.	0.03	0.71	15.83	15.83	1885.	251.	0.00	0.52
2725	50	19.37	19.37	12591.	97.	0.24	0.92	15.83	15.83	1787.	284.	0.00	0.57
2726	50	19.37	19.37	10722.	219.	0.10	0.95	15.83	15.83	1643.	298.	0.00	0.59
2727	50	19.37	19.37	7435.	237.	0.00	0.77	15.83	15.83	1044.	338.	0.00	0.61
2728	50	19.37	19.37	4505.	283.	0.00	0.63	15.83	15.83	492.	390.	0.00	0.62
2729	50	19.37	19.37	1899.	322.	0.00	0.52	15.83	15.83	398.	399.	0.00	0.63
2730	50	19.37	19.37	183.	364.	0.00	0.46	15.83	15.83	237.	389.	0.00	0.60
2731	50	19.37	19.37	0.	419.	0.00	0.51	15.83	15.83	205.	313.	0.00	0.49
2732	50	19.37	19.37	0.	467.	0.00	0.57	15.83	15.83	110.	191.	0.00	0.30
2733	50	19.37	19.37	0.	538.	0.00	0.66	15.83	15.83	367.	300.	0.00	0.48
2734	50	19.37	19.37	0.	615.	0.00	0.76	15.83	15.83	495.	533.	0.00	0.84
2735	50	19.37	19.37	0.	686.	0.00	0.84	15.83	15.83	461.	689.	0.00	1.07
2736	50	19.37	19.37	0.	729.	0.00	0.90	15.83	15.83	814.	691.	0.00	1.11
2737	50	19.37	19.37	0.	715.	0.00	0.88	15.83	15.83	1162.	653.	0.00	1.08
2738	50	19.37	19.37	13159.	76.	0.29	0.93	15.83	15.83	1944.	527.	0.00	0.95
2739	50	19.37	19.37	9372.	105.	0.13	0.75	15.83	15.83	2643.	387.	0.00	0.81
2740	50	19.37	19.37	5465.	219.	0.00	0.62	15.83	15.83	2463.	372.	0.00	0.75
2741	50	19.37	19.37	2746.	268.	0.00	0.50	15.83	15.83	2132.	309.	0.00	0.63
2742	50	19.37	19.37	483.	301.	0.00	0.40	15.83	15.83	1517.	263.	0.00	0.51
2743	50	19.37	19.37	0.	316.	0.00	0.39	15.83	15.83	464.	249.	0.00	0.41
2744	50	19.37	19.37	0.	316.	0.00	0.39	15.83	15.83	79.	231.	0.00	0.35
2745	50	19.37	19.37	0.	303.	0.00	0.37	15.83	15.83	37.	226.	0.00	0.34
2746	50	19.37	19.37	0.	281.	0.00	0.35	15.83	15.83	255.	239.	0.00	0.38
2747	50	19.37	19.37	0.	256.	0.00	0.31	15.83	15.83	1456.	288.	0.00	0.55
2748	50	19.37	19.37	0.	231.	0.00	0.28	15.83	15.83	1812.	367.	0.00	0.69
2749	50	19.37	19.37	0.	180.	0.00	0.22	15.83	15.83	2189.	404.	0.00	0.78
2750	50	19.37	19.37	9086.	-48.	0.22	0.56	15.83	15.83	2398.	495.	0.00	0.93
2751	50	19.37	19.37	12079.	173.	0.16	1.13	15.83	15.83	1773.	472.	0.00	0.88
2752	50	19.37	19.37	7995.	243.	0.00	0.93	15.83	15.83	2147.	551.	0.00	1.00
2753	50	19.37	19.37	4169.	383.	0.00	0.74	15.83	15.83	2222.	561.	0.00	1.02
2754	50	19.37	19.37	2293.	411.	0.00	0.65	15.83	15.83	2228.	473.	0.00	0.89
2755	50	19.37	19.37	753.	422.	0.00	0.57	15.83	15.83	1926.	394.	0.00	0.74
2756	50	19.37	19.37	0.	421.	0.00	0.52	15.83	15.83	1165.	332.	0.00	0.59
2757	50	19.37	19.37	0.	415.	0.00	0.51	15.83	15.83	466.	283.	0.00	0.46
2758	50	19.37	19.37	0.	403.	0.00	0.50	15.83	15.83	169.	246.	0.00	0.38
2759	50	19.37	19.37	0.	385.	0.00	0.47	15.83	15.83	448.	214.	0.00	0.36
2760	50	19.37	19.37	0.	357.	0.00	0.44	15.83	15.83	1305.	226.	0.00	0.44
2761	50	19.37	19.37	0.	314.	0.00	0.39	15.83	15.83	1284.	283.	0.00	0.52
2762	50	19.37	19.37	1281.	100.	0.00	0.23	15.83	15.83	1847.	267.	0.00	0.55
2764	50	19.37	19.37	8552.	29.	0.17	0.68	15.83	15.83	564.	216.	0.00	0.37
2765	50	19.37	19.37	2865.	175.	0.00	0.41	15.83	15.83	607.	210.	0.00	0.36
2766	50	19.37	19.37	0.	399.	0.00	0.49	15.83	15.83	433.	140.	0.00	0.25
2767	50	19.37	19.37	565.	317.	0.00	0.43	15.83	15.83	281.	85.	0.00	0.15
2768	50	19.37	19.37	2489.	267.	0.00	0.49	15.83	15.83	497.	190.	0.00	0.32
2769	50	19.37	19.37	5090.	223.	0.00	0.60	15.83	15.83	922.	214.	0.00	0.40
2770	50	19.37	19.37	10218.	223.	0.07	0.92	15.83	15.83	837.	198.	0.00	0.36
2771	50	19.37	19.37	0.	693.	0.00	0.85	15.83	15.83	506.	215.	0.00	0.36
2772	50	19.37	19.37	0.	708.	0.00	0.87	15.83	15.83	378.	306.	0.00	0.49
2773	50	19.37	19.37	0.	579.	0.00	0.71	15.83	15.83	575.	298.	0.00	0.50
2774	50	19.37	19.37	0.	459.	0.00	0.56	15.83	15.83	591.	277.	0.00	0.46
2775	50	19.37	19.37	0.	369.	0.00	0.45	15.83	15.83	705.	241.	0.00	0.42
2776	50	19.37	19.37	0.	291.	0.00	0.36	15.83	15.83	546.	205.	0.00	0.35
2777	50	19.37	19.37	1138.	203.	0.00	0.32	15.83	15.83	182.	109.	0.00	0.18
2778	50	19.37	19.37	1783.	154.	0.00	0.30	15.83	15.83	556.	119.	0.00	0.22

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2779		50		19.37	19.37	5636.	135.	0.01	0.52		15.83	15.83	1151.	167.	0.00	0.34	
2780		50		19.37	19.37	10403.	72.	0.19	0.75		15.83	15.83	1047.	110.	0.00	0.25	
2781		50		19.37	19.37	9274.	206.	0.05	0.84		15.83	15.83	672.	216.	0.00	0.38	
2782		50		19.37	19.37	5563.	131.	0.05	0.51		15.83	15.83	814.	283.	0.00	0.52	
2783		50		19.37	19.37	3394.	182.	0.00	0.44		15.83	15.83	603.	334.	0.00	0.55	
2784		50		19.37	19.37	1524.	286.	0.00	0.45		15.83	15.83	434.	318.	0.00	0.51	
2785		50		19.37	19.37	301.	334.	0.00	0.43		15.83	15.83	298.	252.	0.00	0.40	
2786		50		19.37	19.37	0.	393.	0.00	0.48		15.83	15.83	186.	126.	0.00	0.20	
2787		50		19.37	19.37	0.	465.	0.00	0.57		15.83	15.83	303.	157.	0.00	0.26	
2788		50		19.37	19.37	0.	551.	0.00	0.68		15.83	15.83	593.	329.	0.00	0.54	
2789		50		19.37	19.37	0.	677.	0.00	0.83		15.83	15.83	459.	510.	0.00	0.80	
2790		50		19.37	19.37	0.	849.	0.00	1.04		15.83	15.83	284.	639.	0.00	0.98	
2791		50		19.37	19.37	0.	1066.	0.00	1.31		15.83	15.83	691.	632.	0.00	1.01	
2792		50		19.37	19.37	0.	1292.	0.00	1.59		15.83	15.83	1013.	593.	0.00	0.97	
2807		30		19.37	19.37	7104.	50.	0.45	0.94		15.83	15.83	0.	253.	0.00	0.38	
2808		30		19.37	19.37	2098.	136.	0.00	0.48		15.83	15.83	68.	245.	0.00	0.38	
2809		30		19.37	19.37	0.	311.	0.00	0.38		15.83	15.83	148.	219.	0.00	0.37	
2810		30		19.37	19.37	795.	221.	0.00	0.37		15.83	15.83	116.	77.	0.00	0.13	
2811		30		19.37	19.37	2202.	188.	0.00	0.50		15.83	15.83	397.	185.	0.00	0.34	
2812		30		19.37	19.37	3818.	137.	0.14	0.67		15.83	15.83	491.	237.	0.00	0.45	
2813		30		19.37	19.37	8455.	168.	0.50	1.26		15.83	15.83	622.	201.	0.00	0.43	
2814		30		19.37	19.37	1359.	445.	0.00	0.72		15.83	15.83	0.	432.	0.00	0.65	
2815		30		19.37	19.37	0.	548.	0.00	0.67		15.83	15.83	0.	286.	0.00	0.43	
2816		30		19.37	19.37	0.	360.	0.00	0.44		15.83	15.83	0.	137.	0.00	0.21	
2817		30		19.37	19.37	557.	239.	0.00	0.36		15.83	15.83	212.	52.	0.00	0.11	
2818		30		19.37	19.37	976.	167.	0.00	0.33		15.83	15.83	215.	15.	0.00	0.07	
2819		30		19.37	19.37	967.	253.	0.00	0.45		15.83	15.83	28.	165.	0.00	0.25	
2820		30		19.37	19.37	3135.	367.	0.00	0.85		15.83	15.83	329.	289.	0.00	0.49	
2821		30		19.37	19.37	1931.	420.	0.00	0.79		15.83	15.83	575.	242.	0.00	0.48	
2822		30		19.37	19.37	0.	530.	0.00	0.65		15.83	15.83	444.	330.	0.00	0.56	
2823		30		19.37	19.37	0.	401.	0.00	0.49		15.83	15.83	337.	268.	0.00	0.47	
2824		30		19.37	19.37	0.	290.	0.00	0.36		15.83	15.83	221.	202.	0.00	0.34	
2825		30		19.37	19.37	0.	204.	0.00	0.25		15.83	15.83	268.	142.	0.00	0.26	
2826		30		19.37	19.37	358.	141.	0.00	0.22		15.83	15.83	349.	126.	0.00	0.24	
2827		30		19.37	19.37	754.	93.	0.00	0.21		15.83	15.83	147.	44.	0.00	0.09	
2828		30		19.37	19.37	0.	169.	0.00	0.21		15.83	15.83	373.	177.	0.00	0.34	
2829		30		19.37	19.37	3414.	57.	0.18	0.49		15.83	15.83	477.	222.	0.00	0.41	
2830		30		19.37	19.37	7942.	71.	0.50	1.07		15.83	15.83	648.	149.	0.00	0.36	
2831		30		19.37	19.37	0.	879.	0.00	1.08		15.83	15.83	370.	339.	0.00	0.58	
2832		30		19.37	19.37	0.	631.	0.00	0.77		15.83	15.83	0.	338.	0.00	0.51	
2833		30		19.37	19.37	0.	432.	0.00	0.53		15.83	15.83	0.	146.	0.00	0.22	
2834		30		19.37	19.37	0.	296.	0.00	0.36		15.83	15.83	198.	68.	0.00	0.13	
2835		30		19.37	19.37	0.	203.	0.00	0.25		15.83	15.83	265.	45.	0.00	0.11	
2836		30		19.37	19.37	162.	138.	0.00	0.19		15.83	15.83	47.	18.	0.00	0.03	
2837		30		19.37	19.37	0.	138.	0.00	0.17		15.83	15.83	101.	19.	0.00	0.04	
2838		30		19.37	19.37	0.	231.	0.00	0.28		15.83	15.83	92.	87.	0.00	0.14	
2839		30		19.37	19.37	0.	364.	0.00	0.45		15.83	15.83	4.	226.	0.00	0.34	
2840		30		19.37	19.37	2319.	205.	0.00	0.54		15.83	15.83	42.	282.	0.00	0.43	
2841		30		19.37	19.37	7377.	157.	0.42	1.11		15.83	15.83	643.	233.	0.00	0.48	
2842		30		19.37	19.37	2865.	46.	0.15	0.41		15.83	15.83	522.	340.	0.00	0.59	
2843		30		19.37	19.37	1931.	19.	0.11	0.26		15.83	15.83	413.	308.	0.00	0.53	
2844		30		19.37	19.37	1290.	124.	0.00	0.31		15.83	15.83	235.	249.	0.00	0.41	
2845		30		19.37	19.37	623.	156.	0.00	0.27		15.83	15.83	180.	146.	0.00	0.25	
2846		30		19.37	19.37	204.	190.	0.00	0.26		15.83	15.83	86.	49.	0.00	0.09	
2847		30		19.37	19.37	0.	259.	0.00	0.32		15.83	15.83	228.	107.	0.00	0.19	
2848		30		19.37	19.37	0.	333.	0.00	0.41		15.83	15.83	242.	188.	0.00	0.32	
2849		30		19.37	19.37	0.	430.	0.00	0.53		15.83	15.83	246.	295.	0.00	0.48	
2850		30		19.37	19.37	0.	580.	0.00	0.71		15.83	15.83	209.	497.	0.00	0.78	
2851		30		19.37	19.37	0.	807.	0.00	0.99		15.83	15.83	273.	706.	0.00	1.11	
2852		30		19.37	19.37	0.	1117.	0.00	1.37		15.83	15.83	507.	716.	0.00	1.17	
2853		30		19.37	19.37	1756.	280.	0.00	0.56		15.83	15.83	33.	387.	0.00	0.59	
2854		30		19.37	19.37	0.	330.	0.00	0.41		15.83	15.83	0.	356.	0.00	0.54	
2855		30		19.37	19.37	0.	148.	0.00	0.18		15.83	15.83	0.	195.	0.00	0.29	
2856		30		19.37	19.37	576.	91.	0.00	0.18		15.83	15.83	0.	89.	0.00	0.13	
2857		30		19.37	19.37	458.	122.	0.00	0.21		15.83	15.83	33.	26.	0.00	0.04	
2858		30		19.37	19.37	220.	167.	0.00	0.23		15.83	15.83	163.	16.	0.00	0.05	
2859		30		19.37	19.37	39.	229.	0.00	0.29		15.83	15.83	201.	32.	0.00	0.08	
2860		30		19.37	19.37	0.	315.	0.00	0.39		15.83	15.83	198.	57.	0.00	0.12	
2861		30		19.37	19.37	0.	424.	0.00	0.52		15.83	15.83	100.	103.	0.00	0.17	
2862		30		19.37	19.37	0.	595.	0.00	0.73		15.83	15.83	0.	227.	0.00	0.34	
2863		30		19.37	19.37	0.	906.	0.00	1.11		15.83	15.83	0.	587.	0.00	0.88	
2864		30		19.37	19.37	0.	1402.	0.00	1.72		15.83	15.83	278.	650.	0.00	1.02	
2865		30		19.37	19.37	8538.	313.	0.47	1.46		15.83	15.83	1025.	619.	0.00	1.10	
2866		30		19.37	19.37	5490.	312.	0.17	1.07		15.83	15.83	1067.	671.	0.00	1.19	
2867		30		19.37	19.37	3663.	263.	0.02	0.78		15.83	15.83	772.	636.	0.00	1.09	
2868		30		19.37	19.37	2056.	278.	0.00	0.60		15.83	15.83	521.	551.	0.00	0.91	
2869		30		19.37	19.37	795.	292.	0.00	0.46		15.83	15.83	301.	477.	0.00	0.76	
2870		30		19.37	19.37	182.	287.	0.00	0.38		15.83	15.83	291.	388.	0.00	0.63	
2871		30		19.37	19.37	0.	289.	0.00	0.36		15.83	15.83	257.	299.	0.00	0.49	
2872		30		19.37	19.37	0.	286.	0.00	0.35		15.83	15.83	11.	84.	0.00	0.13	
2873		30		19.37	19.37	0.	281.	0.00	0.34		15.83	15.83	36.	217.	0.00	0.33	
2874		30		19.37	19.37	0.	267.	0.00	0.33		15.83	15.83	0.	224.	0.00	0.34	
2875		30		19.3													

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2884		30		19.37	19.37	0.	295.	0.00	0.36		15.83	15.83	406.	267.	0.00	0.46	
2885		30		19.37	19.37	0.	301.	0.00	0.37		15.83	15.83	92.	67.	0.00	0.12	
2886		30		19.37	19.37	0.	310.	0.00	0.38		15.83	15.83	0.	240.	0.00	0.36	
2887		30		19.37	19.37	0.	323.	0.00	0.40		15.83	15.83	0.	257.	0.00	0.39	
2888		30		19.37	19.37	0.	311.	0.00	0.38		15.83	15.83	0.	252.	0.00	0.38	
2889		30		19.37	19.37	0.	249.	0.00	0.31		15.83	15.83	231.	250.	0.00	0.41	
2890		30		19.37	19.37	0.	96.	0.00	0.12		15.83	15.83	511.	253.	0.00	0.46	
2891		30		19.37	19.37	4382.	418.	0.00	1.23		15.83	15.83	323.	984.	0.00	1.54	
2892		30		19.37	19.37	1203.	437.	0.00	0.69		15.83	15.83	26.	908.	0.00	1.37	
2893		30		19.37	19.37	0.	409.	0.00	0.50		15.83	15.83	0.	773.	0.00	1.16	
2894		30		19.37	19.37	480.	192.	0.00	0.30		15.83	15.83	0.	569.	0.00	0.86	
2895		30		19.37	19.37	390.	162.	0.00	0.25		15.83	15.83	63.	403.	0.00	0.61	
2896		30		19.37	19.37	208.	241.	0.00	0.32		15.83	15.83	297.	285.	0.00	0.47	
2897		30		19.37	19.37	0.	255.	0.00	0.31		15.83	15.83	276.	143.	0.00	0.26	
2898		30		19.37	19.37	0.	279.	0.00	0.34		15.83	15.83	7.	130.	0.00	0.20	
2899		30		19.37	19.37	0.	316.	0.00	0.39		15.83	15.83	0.	232.	0.00	0.35	
2900		30		19.37	19.37	0.	373.	0.00	0.46		15.83	15.83	0.	276.	0.00	0.41	
2901		30		19.37	19.37	0.	425.	0.00	0.52		15.83	15.83	0.	307.	0.00	0.46	
2902		30		19.37	19.37	0.	445.	0.00	0.55		15.83	15.83	0.	305.	0.00	0.46	
2903		30		19.37	19.37	318.	308.	0.00	0.42		15.83	15.83	0.	300.	0.00	0.45	
2904		30		19.37	19.37	0.	1600.	0.00	1.97		15.83	15.83	0.	1141.	0.00	1.71	
2905		30		19.37	19.37	0.	870.	0.00	1.07		15.83	15.83	0.	891.	0.00	1.34	
2906		30		19.37	19.37	0.	697.	0.00	0.86		15.83	15.83	0.	513.	0.00	0.77	
2907		30		19.37	19.37	0.	381.	0.00	0.47		15.83	15.83	0.	310.	0.00	0.47	
2908		30		19.37	19.37	115.	152.	0.00	0.20		15.83	15.83	38.	193.	0.00	0.30	
2909		30		19.37	19.37	160.	78.	0.02	0.12		15.83	15.83	159.	93.	0.00	0.16	
2910		30		19.37	19.37	24.	176.	0.00	0.22		15.83	15.83	53.	56.	0.00	0.09	
2911		30		19.37	19.37	0.	244.	0.00	0.30		15.83	15.83	102.	93.	0.00	0.16	
2912		30		19.37	19.37	0.	324.	0.00	0.40		15.83	15.83	0.	126.	0.00	0.19	
2913		30		19.37	19.37	0.	437.	0.00	0.54		15.83	15.83	0.	174.	0.00	0.26	
2914		30		19.37	19.37	0.	599.	0.00	0.74		15.83	15.83	0.	247.	0.00	0.37	
2915		30		19.37	19.37	0.	822.	0.00	1.01		15.83	15.83	0.	346.	0.00	0.52	
2916		30		19.37	19.37	239.	792.	0.00	1.01		15.83	15.83	0.	400.	0.00	0.60	
7234		50		19.37	19.37	2740.	464.	0.00	0.75		15.83	15.83	3884.	358.	0.00	0.85	
7235		50		19.37	19.37	2097.	497.	0.00	0.75		15.83	15.83	5486.	330.	0.00	0.95	
7236		50		19.37	19.37	1425.	514.	0.00	0.72		15.83	15.83	6921.	346.	0.00	1.06	
7237		50		19.37	19.37	702.	526.	0.00	0.69		15.83	15.83	7880.	346.	0.00	1.13	
7238		50		19.37	19.37	86.	534.	0.00	0.66		15.83	15.83	7854.	351.	0.00	1.14	
7239		50		19.37	19.37	229.	544.	0.00	0.68		15.83	15.83	6999.	366.	0.00	1.10	
7240		50		19.37	19.37	886.	548.	0.00	0.74		15.83	15.83	6148.	392.	0.00	1.07	
7241		50		19.37	19.37	1492.	541.	0.00	0.76		15.83	15.83	4852.	415.	0.00	1.00	
7242		50		19.37	19.37	2022.	521.	0.00	0.77		15.83	15.83	3511.	424.	0.00	0.91	
7245		50		19.37	19.37	2128.	492.	0.00	0.74		15.83	15.83	4051.	438.	0.00	0.98	
7246		50		19.37	19.37	900.	509.	0.00	0.68		15.83	15.83	3113.	389.	0.00	0.83	
7247		50		19.37	19.37	0.	520.	0.00	0.64		15.83	15.83	2507.	391.	0.00	0.78	
7248		50		19.37	19.37	0.	527.	0.00	0.65		15.83	15.83	1403.	399.	0.00	0.71	
7249		50		19.37	19.37	0.	537.	0.00	0.66		15.83	15.83	1560.	408.	0.00	0.74	
7250		50		19.37	19.37	561.	539.	0.00	0.70		15.83	15.83	1512.	415.	0.00	0.74	
7251		50		19.37	19.37	1455.	527.	0.00	0.74		15.83	15.83	2279.	412.	0.00	0.80	
7252		50		19.37	19.37	2580.	495.	0.00	0.77		15.83	15.83	2650.	415.	0.00	0.83	
7253		50		19.37	19.37	4442.	478.	0.00	0.87		15.83	15.83	1669.	419.	0.00	0.76	
7254		50		19.37	19.37	4085.	484.	0.00	0.86		15.83	15.83	2114.	447.	0.00	0.84	
7255		50		19.37	19.37	2066.	487.	0.00	0.73		15.83	15.83	1747.	440.	0.00	0.80	
7256		50		19.37	19.37	183.	494.	0.00	0.62		15.83	15.83	510.	410.	0.00	0.66	
7257		50		19.37	19.37	0.	508.	0.00	0.62		15.83	15.83	0.	416.	0.00	0.62	
7258		50		19.37	19.37	0.	513.	0.00	0.63		15.83	15.83	0.	420.	0.00	0.63	
7259		50		19.37	19.37	0.	517.	0.00	0.64		15.83	15.83	0.	423.	0.00	0.64	
7260		50		19.37	19.37	42.	514.	0.00	0.63		15.83	15.83	0.	422.	0.00	0.63	
7261		50		19.37	19.37	1596.	488.	0.00	0.70		15.83	15.83	0.	381.	0.00	0.57	
7262		50		19.37	19.37	3439.	468.	0.00	0.80		15.83	15.83	0.	362.	0.00	0.54	
7263		50		19.37	19.37	7097.	454.	0.00	1.01		15.83	15.83	0.	399.	0.00	0.60	
7264		50		19.37	19.37	4827.	491.	0.00	0.91		15.83	15.83	694.	348.	0.00	0.58	
7265		50		19.37	19.37	1467.	483.	0.00	0.69		15.83	15.83	278.	391.	0.00	0.61	
7266		50		19.37	19.37	0.	486.	0.00	0.60		15.83	15.83	0.	422.	0.00	0.64	
7267		50		19.37	19.37	0.	490.	0.00	0.60		15.83	15.83	0.	426.	0.00	0.64	
7268		50		19.37	19.37	0.	490.	0.00	0.60		15.83	15.83	0.	427.	0.00	0.64	
7269		50		19.37	19.37	0.	487.	0.00	0.60		15.83	15.83	0.	424.	0.00	0.64	
7270		50		19.37	19.37	0.	477.	0.00	0.59		15.83	15.83	0.	418.	0.00	0.63	
7271		50		19.37	19.37	1190.	442.	0.00	0.62		15.83	15.83	0.	407.	0.00	0.61	
7272		50		19.37	19.37	3916.	415.	0.00	0.76		15.83	15.83	0.	405.	0.00	0.61	
7273		50		19.37	19.37	9594.	382.	0.00	1.08		15.83	15.83	175.	425.	0.00	0.65	
7275		50		19.37	19.37	0.	477.	0.00	0.59		15.83	15.83	0.	393.	0.00	0.59	
7276		50		19.37	19.37	0.	463.	0.00	0.57		15.83	15.83	0.	414.	0.00	0.62	
7277		50		19.37	19.37	0.	453.	0.00	0.56		15.83	15.83	0.	415.	0.00	0.62	
7278		50		19.37	19.37	0.	441.	0.00	0.54		15.83	15.83	0.	412.	0.00	0.62	
7279		50		19.37	19.37	0.	428.	0.00	0.53		15.83	15.83	0.	401.	0.00	0.60	
7280		50		19.37	19.37	0.	410.	0.00	0.50		15.83	15.83	0.	387.	0.00	0.58	
7281		50		19.37	19.37	1742.	371.	0.00	0.57		15.83	15.83	0.	374.	0.00	0.56	
7282		50		19.37	19.37	5434.	340.	0.00	0.76		15.83	15.83	913.	379.	0.00	0.64	
7283		50		19.37	19.37	11515.	280.	0.11	1.08		15.83	15.83	1062.	404.	0.00	0.69	
7285		50		19.37	19.37	0.	479.	0.00	0.59		15.83	15.83	0.	376.	0.00	0.57	
7286		50		19.37	19.37	0.	461.	0.00	0.57		15.83	15.83	0.	393.	0.00	0.59	
7287		50		19.37	19.37	0.	439.	0									

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7297		50		19.37	19.37	0.	472.	0.00	0.58		15.83	15.83	0.	429.	0.00	0.65	
7298		50		19.37	19.37	0.	467.	0.00	0.57		15.83	15.83	0.	428.	0.00	0.64	
7299		50		19.37	19.37	0.	458.	0.00	0.56		15.83	15.83	0.	423.	0.00	0.64	
7300		50		19.37	19.37	0.	442.	0.00	0.54		15.83	15.83	0.	413.	0.00	0.62	
7301		50		19.37	19.37	1263.	413.	0.00	0.59		15.83	15.83	0.	402.	0.00	0.60	
7303		50		19.37	19.37	0.	479.	0.00	0.59		15.83	15.83	0.	404.	0.00	0.61	
7304		50		19.37	19.37	0.	469.	0.00	0.58		15.83	15.83	0.	424.	0.00	0.64	
7305		50		19.37	19.37	0.	463.	0.00	0.57		15.83	15.83	0.	425.	0.00	0.64	
7306		50		19.37	19.37	0.	455.	0.00	0.56		15.83	15.83	0.	424.	0.00	0.64	
7307		50		19.37	19.37	0.	444.	0.00	0.55		15.83	15.83	0.	417.	0.00	0.63	
7308		50		19.37	19.37	0.	428.	0.00	0.53		15.83	15.83	0.	406.	0.00	0.61	
7309		50		19.37	19.37	1355.	402.	0.00	0.58		15.83	15.83	0.	393.	0.00	0.59	
7310		50		19.37	19.37	3469.	378.	0.00	0.69		15.83	15.83	0.	394.	0.00	0.59	
7311		50		19.37	19.37	3560.	367.	0.00	0.68		15.83	15.83	0.	384.	0.00	0.58	
7312		50		19.37	19.37	4102.	376.	0.00	0.72		15.83	15.83	0.	393.	0.00	0.59	
7313		50		19.37	19.37	9151.	336.	0.00	1.00		15.83	15.83	272.	404.	0.00	0.63	
7315		50		19.37	19.37	2047.	594.	0.00	0.86		15.83	15.83	3071.	457.	0.00	0.93	
7316		50		19.37	19.37	1355.	599.	0.00	0.82		15.83	15.83	3901.	476.	0.00	1.02	
7317		50		19.37	19.37	340.	612.	0.00	0.77		15.83	15.83	4721.	479.	0.00	1.09	
7318		50		19.37	19.37	0.	616.	0.00	0.76		15.83	15.83	4595.	480.	0.00	1.09	
7319		50		19.37	19.37	0.	619.	0.00	0.76		15.83	15.83	4414.	494.	0.00	1.09	
7320		50		19.37	19.37	825.	633.	0.00	0.83		15.83	15.83	3825.	535.	0.00	1.11	
7321		50		19.37	19.37	1319.	647.	0.00	0.88		15.83	15.83	2793.	598.	0.00	1.13	
7322		50		19.37	19.37	1561.	669.	0.00	0.92		15.83	15.83	2579.	656.	0.00	1.20	
7323		50		19.37	19.37	2458.	668.	0.00	0.98		15.83	15.83	6670.	665.	0.00	1.55	
7324		50		19.37	19.37	3372.	678.	0.00	1.05		15.83	15.83	6180.	258.	0.00	1.03	
7325		50		19.37	19.37	10981.	681.	0.00	1.56		15.83	15.83	4166.	123.	0.00	0.51	
7326		50		19.37	19.37	4196.	571.	0.00	0.97		15.83	15.83	966.	433.	0.00	0.73	
7327		50		19.37	19.37	1984.	580.	0.00	0.84		15.83	15.83	1350.	497.	0.00	0.85	
7328		50		19.37	19.37	504.	584.	0.00	0.75		15.83	15.83	368.	507.	0.00	0.79	
7329		50		19.37	19.37	0.	594.	0.00	0.73		15.83	15.83	0.	518.	0.00	0.78	
7330		50		19.37	19.37	0.	598.	0.00	0.73		15.83	15.83	0.	536.	0.00	0.81	
7331		50		19.37	19.37	0.	602.	0.00	0.74		15.83	15.83	0.	565.	0.00	0.85	
7332		50		19.37	19.37	102.	614.	0.00	0.76		15.83	15.83	1065.	582.	0.00	0.97	
7333		50		19.37	19.37	676.	624.	0.00	0.81		15.83	15.83	1903.	642.	0.00	1.15	
7334		50		19.37	19.37	1805.	618.	0.00	0.88		15.83	15.83	2607.	752.	0.00	1.35	
7335		50		19.37	19.37	2817.	612.	0.00	0.94		15.83	15.83	5014.	823.	0.00	1.66	
7336		50		19.37	19.37	4014.	574.	0.00	0.97		15.83	15.83	8922.	462.	0.00	1.59	
7338		50		19.37	19.37	4990.	532.	0.00	0.98		15.83	15.83	0.	427.	0.00	0.64	
7339		50		19.37	19.37	1477.	496.	0.00	0.70		15.83	15.83	0.	482.	0.00	0.72	
7340		50		19.37	19.37	0.	560.	0.00	0.69		15.83	15.83	0.	509.	0.00	0.77	
7341		50		19.37	19.37	0.	560.	0.00	0.69		15.83	15.83	0.	525.	0.00	0.79	
7342		50		19.37	19.37	0.	561.	0.00	0.69		15.83	15.83	0.	544.	0.00	0.82	
7343		50		19.37	19.37	0.	563.	0.00	0.69		15.83	15.83	0.	573.	0.00	0.86	
7344		50		19.37	19.37	0.	553.	0.00	0.68		15.83	15.83	0.	613.	0.00	0.92	
7345		50		19.37	19.37	0.	555.	0.00	0.68		15.83	15.83	0.	669.	0.00	1.00	
7346		50		19.37	19.37	775.	556.	0.00	0.73		15.83	15.83	822.	744.	0.00	1.19	
7347		50		19.37	19.37	2776.	491.	0.00	0.81		15.83	15.83	2415.	823.	0.00	1.44	
7348		50		19.37	19.37	5250.	448.	0.00	0.90		15.83	15.83	4479.	540.	0.00	1.31	
7349		50		19.37	19.37	12756.	397.	0.08	1.30		15.83	15.83	5708.	479.	0.00	1.17	
7350		50		19.37	19.37	5965.	213.	0.17	0.64		15.83	15.83	208.	440.	0.00	0.68	
7351		50		19.37	19.37	1733.	211.	0.05	0.37		15.83	15.83	0.	476.	0.00	0.72	
7352		50		19.37	19.37	0.	466.	0.00	0.57		15.83	15.83	0.	502.	0.00	0.75	
7353		50		19.37	19.37	0.	492.	0.00	0.60		15.83	15.83	0.	517.	0.00	0.78	
7354		50		19.37	19.37	0.	458.	0.00	0.56		15.83	15.83	0.	534.	0.00	0.80	
7355		50		19.37	19.37	0.	454.	0.00	0.56		15.83	15.83	0.	557.	0.00	0.84	
7356		50		19.37	19.37	0.	331.	0.00	0.41		15.83	15.83	0.	588.	0.00	0.88	
7357		50		19.37	19.37	0.	230.	0.00	0.28		15.83	15.83	0.	631.	0.00	0.95	
7358		50		19.37	19.37	0.	219.	0.00	0.27		15.83	15.83	236.	689.	0.00	1.05	
7359		50		19.37	19.37	1964.	386.	0.00	0.60		15.83	15.83	854.	738.	0.00	1.18	
7360		50		19.37	19.37	6786.	266.	0.00	0.76		15.83	15.83	1251.	726.	0.00	1.20	
7362		50		19.37	19.37	10017.	250.	0.14	0.94		15.83	15.83	972.	412.	0.00	0.70	
7363		50		19.37	19.37	5511.	265.	0.00	0.68		15.83	15.83	453.	439.	0.00	0.70	
7364		50		19.37	19.37	0.	208.	0.00	0.25		15.83	15.83	0.	481.	0.00	0.72	
7365		50		19.37	19.37	0.	215.	0.00	0.26		15.83	15.83	0.	493.	0.00	0.74	
7366		50		19.37	19.37	0.	205.	0.00	0.25		15.83	15.83	0.	505.	0.00	0.76	
7367		50		19.37	19.37	0.	201.	0.00	0.25		15.83	15.83	0.	517.	0.00	0.78	
7368		50		19.37	19.37	0.	221.	0.00	0.27		15.83	15.83	0.	505.	0.00	0.76	
7369		50		19.37	19.37	0.	386.	0.00	0.47		15.83	15.83	0.	489.	0.00	0.74	
7370		50		19.37	19.37	0.	387.	0.00	0.48		15.83	15.83	0.	495.	0.00	0.74	
7371		50		19.37	19.37	1114.	121.	0.00	0.22		15.83	15.83	372.	469.	0.00	0.73	
7372		50		19.37	19.37	5003.	31.	0.08	0.36		15.83	15.83	817.	660.	0.00	1.06	
7374		50		19.37	19.37	10448.	262.	0.07	0.99		15.83	15.83	1259.	375.	0.00	0.66	
7375		50		19.37	19.37	6835.	290.	0.00	0.79		15.83	15.83	627.	406.	0.00	0.66	
7376		50		19.37	19.37	3343.	267.	0.00	0.54		15.83	15.83	0.	446.	0.00	0.67	
7377		50		19.37	19.37	740.	289.	0.00	0.40		15.83	15.83	0.	453.	0.00	0.68	
7378		50		19.37	19.37	0.	374.	0.00	0.46		15.83	15.83	0.	456.	0.00	0.69	
7379		50		19.37	19.37	0.	407.	0.00	0.50		15.83	15.83	0.	378.	0.00	0.57	
7380		50		19.37	19.37	0.	445.	0.00	0.55		15.83	15.83	0.	250.	0.00	0.38	
7381		50		19.37	19.37	0.	499.	0.00	0.61		15.83	15.83	0.	283.	0.00	0.43	
7382		50		19.37	19.37	0.	528.	0.00	0.65		15.83	15.83	154.	531.	0.00	0.81	
7383		50		19.37	19.37	0.	531.	0.00	0.65		15.83	15.83	698.	699.	0.00	1.11	
7384		50		19.37	19.3												

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7772		50		19.37	19.37	3973.	129.	0.03	0.41		15.83	15.83	3445.	465.	0.00	1.02	
7773		50		19.37	19.37	1124.	227.	0.00	0.35		15.83	15.83	2556.	286.	0.00	0.66	
7774		50		19.37	19.37	217.	243.	0.00	0.31		15.83	15.83	1646.	118.	0.01	0.30	
7775		50		19.37	19.37	0.	251.	0.00	0.31		15.83	15.83	0.	-46.	0.01	0.01	
7776		50		19.37	19.37	0.	103.	0.00	0.13		15.83	15.83	1489.	52.	0.02	0.19	
7777		50		19.37	19.37	2176.	226.	0.00	0.42		15.83	15.83	2031.	190.	0.00	0.44	
7778		50		19.37	19.37	2623.	160.	0.02	0.36		15.83	15.83	2269.	315.	0.00	0.65	
7779		50		19.37	19.37	6038.	82.	0.06	0.48		15.83	15.83	2903.	538.	0.00	1.04	
7780		50		19.37	19.37	1497.	194.	0.00	0.33		15.83	15.83	1618.	337.	0.00	0.63	
7781		50		19.37	19.37	0.	230.	0.00	0.28		15.83	15.83	577.	184.	0.00	0.32	
7782		50		19.37	19.37	0.	237.	0.00	0.29		15.83	15.83	0.	19.	0.00	0.03	
7783		50		19.37	19.37	0.	173.	0.00	0.21		15.83	15.83	0.	61.	0.00	0.09	
7784		50		19.37	19.37	2590.	213.	0.00	0.43		15.83	15.83	0.	204.	0.00	0.31	
7785		50		19.37	19.37	5041.	36.	0.08	0.41		15.83	15.83	195.	289.	0.00	0.45	
7786		50		19.37	19.37	7656.	92.	0.09	0.60		15.83	15.83	2344.	507.	0.00	0.95	
7787		50		19.37	19.37	1859.	159.	0.00	0.31		15.83	15.83	1459.	368.	0.00	0.67	
7788		50		19.37	19.37	0.	187.	0.00	0.23		15.83	15.83	682.	265.	0.00	0.45	
7789		50		19.37	19.37	0.	197.	0.00	0.24		15.83	15.83	0.	168.	0.00	0.25	
7790		50		19.37	19.37	0.	187.	0.00	0.23		15.83	15.83	0.	140.	0.00	0.21	
7791		50		19.37	19.37	3091.	202.	0.00	0.44		15.83	15.83	0.	195.	0.00	0.29	
7792		50		19.37	19.37	6978.	120.	0.08	0.59		15.83	15.83	217.	267.	0.00	0.42	
7793		50		19.37	19.37	9320.	60.	0.17	0.67		15.83	15.83	2097.	463.	0.00	0.86	
7794		50		19.37	19.37	2652.	112.	0.00	0.31		15.83	15.83	1400.	335.	0.00	0.61	
7795		50		19.37	19.37	0.	97.	0.00	0.12		15.83	15.83	747.	242.	0.00	0.42	
7796		50		19.37	19.37	0.	105.	0.00	0.13		15.83	15.83	0.	164.	0.00	0.25	
7797		50		19.37	19.37	0.	148.	0.00	0.18		15.83	15.83	0.	147.	0.00	0.22	
7798		50		19.37	19.37	3604.	194.	0.00	0.47		15.83	15.83	228.	202.	0.00	0.32	
7800		50		19.37	19.37	10380.	20.	0.23	0.68		15.83	15.83	1876.	411.	0.00	0.76	
7801		50		19.37	19.37	3233.	67.	0.00	0.29		15.83	15.83	1530.	322.	0.00	0.60	
7802		50		19.37	19.37	0.	49.	0.00	0.06		15.83	15.83	1018.	208.	0.00	0.39	
7803		50		19.37	19.37	0.	41.	0.00	0.05		15.83	15.83	119.	130.	0.00	0.20	
7804		50		19.37	19.37	302.	81.	0.00	0.12		15.83	15.83	161.	135.	0.00	0.22	
7805		50		19.37	19.37	4755.	191.	0.00	0.54		15.83	15.83	291.	200.	0.00	0.32	
7807		50		19.37	19.37	11153.	-12.	0.26	0.70		15.83	15.83	1638.	354.	0.00	0.66	
7808		50		19.37	19.37	3683.	11.	0.07	0.25		15.83	15.83	1402.	315.	0.00	0.58	
7809		50		19.37	19.37	0.	159.	0.00	0.20		15.83	15.83	1042.	259.	0.00	0.47	
7810		50		19.37	19.37	0.	173.	0.00	0.21		15.83	15.83	415.	108.	0.00	0.19	
7811		50		19.37	19.37	1513.	173.	0.00	0.31		15.83	15.83	522.	82.	0.00	0.16	
7812		50		19.37	19.37	5841.	192.	0.00	0.61		15.83	15.83	823.	187.	0.00	0.34	
7814		50		19.37	19.37	11936.	-33.	0.28	0.74		15.83	15.83	1431.	306.	0.00	0.57	
7815		50		19.37	19.37	4377.	-26.	0.10	0.27		15.83	15.83	1268.	279.	0.00	0.52	
7816		50		19.37	19.37	0.	217.	0.00	0.27		15.83	15.83	1030.	254.	0.00	0.46	
7817		50		19.37	19.37	0.	227.	0.00	0.28		15.83	15.83	504.	224.	0.00	0.38	
7818		50		19.37	19.37	2474.	217.	0.00	0.42		15.83	15.83	976.	175.	0.00	0.35	
7819		50		19.37	19.37	6790.	199.	0.00	0.68		15.83	15.83	1331.	91.	0.00	0.24	
7821		50		19.37	19.37	1247.	147.	0.00	0.26		15.83	15.83	3655.	158.	0.00	0.52	
7824		50		19.37	19.37	1516.	196.	0.00	0.34		15.83	15.83	3618.	236.	0.00	0.63	
7841		50		19.37	19.37	4607.	494.	0.00	0.90		15.83	15.83	249.	302.	0.00	0.47	
7842		50		19.37	19.37	3728.	490.	0.00	0.84		15.83	15.83	260.	329.	0.00	0.52	
7850		50		19.37	19.37	2820.	359.	0.00	0.62		15.83	15.83	6597.	460.	0.00	1.21	
7851		50		19.37	19.37	2602.	295.	0.00	0.53		15.83	15.83	7732.	269.	0.01	1.01	
7852		50		19.37	19.37	2401.	134.	0.00	0.32		15.83	15.83	8988.	124.	0.16	0.88	
7853		50		19.37	19.37	1805.	206.	0.00	0.37		15.83	15.83	9292.	-11.	0.24	0.73	
7855		50		19.37	19.37	0.	345.	0.00	0.42		15.83	15.83	7925.	-64.	0.21	0.58	
7856		50		19.37	19.37	0.	321.	0.00	0.39		15.83	15.83	5614.	13.	0.13	0.45	
7857		50		19.37	19.37	0.	293.	0.00	0.36		15.83	15.83	5152.	83.	0.07	0.53	
7858		50		19.37	19.37	1071.	248.	0.00	0.38		15.83	15.83	4789.	221.	0.00	0.70	
7860		50		19.37	19.37	7453.	-165.	0.19	0.41		15.83	15.83	7015.	454.	0.00	1.24	
7862		50		19.37	19.37	4357.	389.	0.00	0.76		15.83	15.83	11926.	433.	0.12	1.59	
7863		50		19.37	19.37	2772.	341.	0.00	0.60		15.83	15.83	10103.	441.	0.00	1.46	
7864		50		19.37	19.37	2350.	291.	0.00	0.51		15.83	15.83	7087.	300.	0.00	1.00	
7865		50		19.37	19.37	2250.	145.	0.00	0.33		15.83	15.83	4420.	133.	0.05	0.54	
7866		50		19.37	19.37	1432.	61.	0.00	0.17		15.83	15.83	2158.	-34.	0.06	0.19	
7867		50		19.37	19.37	0.	295.	0.00	0.36		15.83	15.83	641.	126.	0.00	0.26	
7868		50		19.37	19.37	0.	295.	0.00	0.36		15.83	15.83	0.	236.	0.00	0.35	
7869		50		19.37	19.37	0.	270.	0.00	0.33		15.83	15.83	725.	-19.	0.02	0.05	
7870		50		19.37	19.37	0.	239.	0.00	0.29		15.83	15.83	3003.	101.	0.04	0.38	
7871		50		19.37	19.37	616.	168.	0.00	0.24		15.83	15.83	5268.	369.	0.00	0.97	
7872		50		19.37	19.37	1560.	43.	0.04	0.15		15.83	15.83	6990.	531.	0.00	1.37	
7873		50		19.37	19.37	8091.	-177.	0.20	0.45		15.83	15.83	8089.	667.	0.00	1.70	
7874		50		19.37	19.37	10996.	277.	0.06	1.04		15.83	15.83	6303.	510.	0.00	1.27	
7875		50		19.37	19.37	4678.	301.	0.00	0.67		15.83	15.83	6551.	551.	0.00	1.35	
7876		50		19.37	19.37	3131.	293.	0.00	0.57		15.83	15.83	5356.	531.	0.00	1.22	
7877		50		19.37	19.37	2231.	278.	0.00	0.48		15.83	15.83	3821.	440.	0.00	0.96	
7878		50		19.37	19.37	1693.	206.	0.00	0.37		15.83	15.83	1951.	252.	0.00	0.53	
7879		50		19.37	19.37	726.	101.	0.00	0.21		15.83	15.83	174.	45.	0.00	0.10	
7880		50		19.37	19.37	0.	173.	0.00	0.21		15.83	15.83	0.	127.	0.00	0.19	
7881		50		19.37	19.37	0.	173.	0.00	0.21		15.83	15.83	0.	229.	0.00	0.34	
7882		50		19.37	19.37	0.	157.	0.00	0.19		15.83	15.83	0.	225.	0.00	0.34	
7883		50		19.37	19.37	0.	135.	0.00	0.17		15.83	15.83	190.	144.	0.00	0.23	
7884		50		19.37	19.37	0.	83.	0.00	0.10		15.83	15.83	1906.	354.	0.00	0.68	
7885		50		19.37	19.37	1063.	7.	0.02	0.10		15						

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7896		50		19.37	19.37	0.	34.	0.00	0.04		15.83	15.83	0.	239.	0.00	0.36	
7897		50		19.37	19.37	0.	76.	0.00	0.09		15.83	15.83	541.	411.	0.00	0.66	
7898		50		19.37	19.37	0.	120.	0.00	0.15		15.83	15.83	1350.	509.	0.00	0.87	
7899		50		19.37	19.37	8819.	-193.	0.22	0.48		15.83	15.83	2508.	721.	0.00	1.29	
7901		50		19.37	19.37	6853.	177.	0.00	0.65		15.83	15.83	1639.	577.	0.00	1.00	
7902		50		19.37	19.37	3491.	208.	0.00	0.48		15.83	15.83	1797.	458.	0.00	0.84	
7903		50		19.37	19.37	1756.	222.	0.00	0.39		15.83	15.83	552.	450.	0.00	0.72	
7904		50		19.37	19.37	439.	226.	0.00	0.31		15.83	15.83	0.	276.	0.00	0.41	
7905		50		19.37	19.37	0.	232.	0.00	0.28		15.83	15.83	0.	122.	0.00	0.18	
7906		50		19.37	19.37	0.	218.	0.00	0.27		15.83	15.83	0.	164.	0.00	0.25	
7907		50		19.37	19.37	0.	203.	0.00	0.25		15.83	15.83	0.	203.	0.00	0.31	
7908		50		19.37	19.37	0.	185.	0.00	0.23		15.83	15.83	0.	194.	0.00	0.29	
7909		50		19.37	19.37	0.	168.	0.00	0.21		15.83	15.83	0.	253.	0.00	0.38	
7910		50		19.37	19.37	0.	158.	0.00	0.19		15.83	15.83	379.	429.	0.00	0.67	
7911		50		19.37	19.37	0.	144.	0.00	0.18		15.83	15.83	1289.	548.	0.00	0.93	
7912		50		19.37	19.37	8970.	-61.	0.21	0.54		15.83	15.83	1949.	710.	0.00	1.23	
7914		50		19.37	19.37	8083.	123.	0.08	0.66		15.83	15.83	1647.	604.	0.00	1.04	
7915		50		19.37	19.37	4011.	173.	0.00	0.47		15.83	15.83	1055.	515.	0.00	0.86	
7916		50		19.37	19.37	1658.	203.	0.00	0.35		15.83	15.83	0.	351.	0.00	0.53	
7917		50		19.37	19.37	0.	238.	0.00	0.29		15.83	15.83	0.	188.	0.00	0.28	
7918		50		19.37	19.37	0.	243.	0.00	0.30		15.83	15.83	0.	167.	0.00	0.25	
7919		50		19.37	19.37	0.	242.	0.00	0.30		15.83	15.83	0.	212.	0.00	0.32	
7920		50		19.37	19.37	0.	233.	0.00	0.29		15.83	15.83	0.	203.	0.00	0.30	
7921		50		19.37	19.37	0.	217.	0.00	0.27		15.83	15.83	0.	207.	0.00	0.31	
7922		50		19.37	19.37	0.	200.	0.00	0.25		15.83	15.83	0.	284.	0.00	0.43	
7923		50		19.37	19.37	0.	184.	0.00	0.23		15.83	15.83	953.	423.	0.00	0.71	
7924		50		19.37	19.37	0.	172.	0.00	0.21		15.83	15.83	1696.	530.	0.00	0.93	
7925		50		19.37	19.37	9482.	-23.	0.22	0.59		15.83	15.83	2198.	661.	0.00	1.17	
7926		50		19.37	19.37	13262.	43.	0.28	0.89		15.83	15.83	1798.	651.	0.00	1.13	
7927		50		19.37	19.37	8892.	88.	0.13	0.68		15.83	15.83	1972.	560.	0.00	1.00	
7928		50		19.37	19.37	4975.	155.	0.00	0.51		15.83	15.83	1673.	438.	0.00	0.79	
7929		50		19.37	19.37	2056.	199.	0.00	0.38		15.83	15.83	898.	286.	0.00	0.50	
7930		50		19.37	19.37	0.	250.	0.00	0.31		15.83	15.83	12.	188.	0.00	0.28	
7931		50		19.37	19.37	0.	268.	0.00	0.33		15.83	15.83	0.	190.	0.00	0.29	
7932		50		19.37	19.37	0.	270.	0.00	0.33		15.83	15.83	0.	213.	0.00	0.32	
7933		50		19.37	19.37	0.	262.	0.00	0.32		15.83	15.83	0.	199.	0.00	0.30	
7934		50		19.37	19.37	0.	245.	0.00	0.30		15.83	15.83	0.	229.	0.00	0.34	
7935		50		19.37	19.37	0.	225.	0.00	0.28		15.83	15.83	680.	294.	0.00	0.49	
7936		50		19.37	19.37	0.	207.	0.00	0.25		15.83	15.83	1583.	399.	0.00	0.72	
7937		50		19.37	19.37	0.	167.	0.00	0.20		15.83	15.83	2071.	485.	0.00	0.89	
7938		50		19.37	19.37	9688.	-25.	0.23	0.60		15.83	15.83	2434.	591.	0.00	1.08	
7951		50		19.37	19.37	8497.	441.	0.00	1.09		15.83	15.83	0.	42.	0.00	0.06	
7952		50		19.37	19.37	6581.	466.	0.00	1.00		15.83	15.83	3718.	124.	0.00	0.47	
7956		50		19.37	19.37	9626.	227.	0.05	0.89		15.83	15.83	2904.	443.	0.00	0.89	
8450		50		19.37	19.37	746.	262.	0.00	0.37		15.83	15.83	4379.	251.	0.00	0.72	
8451		50		19.37	19.37	581.	273.	0.00	0.37		15.83	15.83	3139.	87.	0.00	0.37	
8454		50		19.37	19.37	415.	266.	0.00	0.35		15.83	15.83	4392.	121.	0.00	0.52	
8455		50		19.37	19.37	205.	272.	0.00	0.35		15.83	15.83	4043.	-40.	0.11	0.30	
8457		50		19.37	19.37	55.	274.	0.00	0.34		15.83	15.83	3491.	11.	0.07	0.29	
8458		50		19.37	19.37	215.	263.	0.00	0.34		15.83	15.83	3605.	68.	0.01	0.38	
8459		50		19.37	19.37	0.	259.	0.00	0.32		15.83	15.83	4007.	2.	0.10	0.31	
8461		50		19.37	19.37	0.	264.	0.00	0.32		15.83	15.83	4032.	-71.	0.11	0.29	
8462		50		19.37	19.37	734.	51.	0.00	0.11		15.83	15.83	4354.	124.	0.00	0.52	
8463		50		19.37	19.37	594.	150.	0.00	0.22		15.83	15.83	4400.	64.	0.03	0.44	
8465		50		19.37	19.37	441.	91.	0.00	0.14		15.83	15.83	4400.	33.	0.07	0.39	
8466		50		19.37	19.37	1538.	248.	0.00	0.40		15.83	15.83	4063.	205.	0.00	0.62	
8469		50		19.37	19.37	1234.	259.	0.00	0.40		15.83	15.83	4226.	75.	0.02	0.44	
8470		50		19.37	19.37	1840.	175.	0.00	0.33		15.83	15.83	4094.	292.	0.00	0.76	
8471		50		19.37	19.37	3378.	473.	0.00	0.80		15.83	15.83	4119.	369.	0.00	0.88	
8472		50		19.37	19.37	11989.	178.	0.16	0.98		15.83	15.83	953.	168.	0.00	0.33	
8473		50		19.37	19.37	6006.	-48.	0.14	0.39		15.83	15.83	230.	296.	0.00	0.47	
8474		50		19.37	19.37	10677.	188.	0.11	0.91		15.83	15.83	734.	260.	0.00	0.45	
8475		50		19.37	19.37	8730.	191.	0.04	0.79		15.83	15.83	440.	232.	0.00	0.38	
8476		50		19.37	19.37	8992.	196.	0.05	0.81		15.83	15.83	249.	259.	0.00	0.41	
8477		50		19.37	19.37	7435.	185.	0.01	0.70		15.83	15.83	469.	236.	0.00	0.39	
8478		50		19.37	19.37	7648.	163.	0.03	0.69		15.83	15.83	279.	262.	0.00	0.42	
8479		50		19.37	19.37	4270.	495.	0.00	0.88		15.83	15.83	404.	304.	0.00	0.49	
8480		50		19.37	19.37	4684.	386.	0.00	0.77		15.83	15.83	380.	317.	0.00	0.51	
8481		50		19.37	19.37	6830.	-54.	0.16	0.51		15.83	15.83	477.	302.	0.00	0.50	
8482		50		19.37	19.37	3067.	401.	0.00	0.69		15.83	15.83	7235.	206.	0.00	0.87	
8483		50		19.37	19.37	2882.	426.	0.00	0.71		15.83	15.83	4927.	299.	0.00	0.83	
8485		50		19.37	19.37	4015.	442.	0.00	0.80		15.83	15.83	2401.	143.	0.00	0.40	
8486		50		19.37	19.37	0.	317.	0.00	0.39		15.83	15.83	7763.	-61.	0.20	0.57	
8487		50		19.37	19.37	0.	356.	0.00	0.44		15.83	15.83	8691.	-69.	0.23	0.63	
8489		50		19.37	19.37	64.	346.	0.00	0.43		15.83	15.83	9446.	-33.	0.24	0.71	
8490		50		19.37	19.37	1859.	-39.	0.05	0.11		15.83	15.83	5173.	313.	0.00	0.87	
8491		50		19.37	19.37	2054.	92.	0.00	0.24		15.83	15.83	4603.	346.	0.00	0.88	
8493		50		19.37	19.37	1446.	176.	0.00	0.31		15.83	15.83	4190.	286.	0.00	0.76	
8494		50		19.37	19.37	11133.	583.	0.00	1.44		15.83	15.83	8914.	350.	0.00	1.23	
8495		50		19.37	19.37	9524.	360.	0.00	1.05		15.83	15.83	11316.	393.	0.08	1.48	
8496		50		19.37	19.37	11102.	178.	0.13	0.92		15.83	15.83	2567.	471.	0.00	0.91	
8497		50		19.37	19.37	11016.	132.	0.16	0.86		15.83	15.83	2658				

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9528		50		19.37	19.37	1417.	528.	0.00	0.74		15.83	15.83	2673.	432.	0.00	0.86							
9530		50		19.37	19.37	1410.	595.	0.00	0.82		15.83	15.83	2282.	450.	0.00	0.86							
9531		50		19.37	19.37	3675.	581.	0.00	0.95		15.83	15.83	1718.	450.	0.00	0.81							
9532		50		19.37	19.37	2146.	579.	0.00	0.85		15.83	15.83	1877.	445.	0.00	0.82							
						SUPERIORE ORIZZONTALE						SUPERIORE VERTICALE											
GUSCI		spess		Af	Afc	Mom	Nor	epsC	epsF		Af	Afc	Mom	Nor	epsC	epsF							
2709		50		19.37	19.37	7856.	-14.	0.18	0.49		15.83	15.83	708.	209.	0.00	0.38							
2710		50		19.37	19.37	6557.	-31.	0.16	0.52		15.83	15.83	765.	207.	0.00	0.38							
2711		50		19.37	19.37	5152.	238.	0.00	0.66		15.83	15.83	603.	198.	0.00	0.34							
2712		50		19.37	19.37	2806.	271.	0.00	0.51		15.83	15.83	206.	207.	0.00	0.33							
2713		50		19.37	19.37	1191.	258.	0.00	0.39		15.83	15.83	0.	238.	0.00	0.36							
2714		50		19.37	19.37	0.	244.	0.00	0.30		15.83	15.83	0.	229.	0.00	0.34							
2715		50		19.37	19.37	6247.	168.	0.00	0.60		15.83	15.83	71.	124.	0.00	0.19							
2716		50		19.37	19.37	4116.	337.	0.07	0.68		15.83	15.83	0.	221.	0.00	0.33							
2717		50		19.37	19.37	4351.	559.	0.00	0.97		15.83	15.83	484.	336.	0.00	0.54							
2718		50		19.37	19.37	5729.	468.	0.00	0.96		15.83	15.83	1045.	356.	0.00	0.62							
2719		50		19.37	19.37	5676.	434.	0.00	0.90		15.83	15.83	1157.	352.	0.00	0.62							
2720		50		19.37	19.37	4682.	389.	0.00	0.78		15.83	15.83	1152.	331.	0.00	0.59							
2721		50		19.37	19.37	2792.	341.	0.00	0.60		15.83	15.83	592.	302.	0.00	0.50							
2722		50		19.37	19.37	4461.	293.	0.00	0.64		15.83	15.83	373.	253.	0.00	0.42							
2723		50		19.37	19.37	5199.	248.	0.00	0.64		15.83	15.83	468.	241.	0.00	0.40							
2724		50		19.37	19.37	4345.	200.	0.00	0.52		15.83	15.83	466.	245.	0.00	0.41							
2725		50		19.37	19.37	4321.	83.	0.02	0.38		15.83	15.83	215.	273.	0.00	0.43							
2726		50		19.37	19.37	6484.	199.	0.00	0.66		15.83	15.83	0.	326.	0.00	0.49							
2727		50		19.37	19.37	5263.	242.	0.00	0.64		15.83	15.83	0.	364.	0.00	0.55							
2728		50		19.37	19.37	5821.	299.	0.00	0.74		15.83	15.83	376.	384.	0.00	0.61							
2729		50		19.37	19.37	3117.	338.	0.00	0.61		15.83	15.83	664.	396.	0.00	0.65							
2730		50		19.37	19.37	1456.	377.	0.00	0.56		15.83	15.83	657.	384.	0.00	0.63							
2731		50		19.37	19.37	2453.	419.	0.00	0.67		15.83	15.83	338.	313.	0.00	0.50							
2732		50		19.37	19.37	3650.	464.	0.00	0.80		15.83	15.83	288.	158.	0.00	0.29							
2733		50		19.37	19.37	4121.	509.	0.00	0.89		15.83	15.83	475.	300.	0.00	0.49							
2734		50		19.37	19.37	3717.	615.	0.00	1.00		15.83	15.83	782.	533.	0.00	0.86							
2735		50		19.37	19.37	3480.	686.	0.00	1.07		15.83	15.83	499.	685.	0.00	1.07							
2736		50		19.37	19.37	2787.	729.	0.00	1.08		15.83	15.83	183.	691.	0.00	1.06							
2737		50		19.37	19.37	2769.	715.	0.00	1.06		15.83	15.83	0.	660.	0.00	0.99							
2738		50		19.37	19.37	0.	84.	0.00	0.10		15.83	15.83	0.	533.	0.00	0.80							
2739		50		19.37	19.37	0.	157.	0.00	0.19		15.83	15.83	0.	414.	0.00	0.62							
2740		50		19.37	19.37	0.	219.	0.00	0.27		15.83	15.83	1023.	327.	0.00	0.59							
2741		50		19.37	19.37	0.	268.	0.00	0.33		15.83	15.83	1564.	272.	0.00	0.56							
2742		50		19.37	19.37	909.	286.	0.00	0.41		15.83	15.83	1574.	263.	0.00	0.52							
2743		50		19.37	19.37	2800.	300.	0.00	0.55		15.83	15.83	1480.	243.	0.00	0.48							
2744		50		19.37	19.37	4060.	300.	0.00	0.64		15.83	15.83	1162.	232.	0.00	0.44							
2745		50		19.37	19.37	4857.	303.	0.00	0.68		15.83	15.83	652.	228.	0.00	0.39							
2746		50		19.37	19.37	5464.	281.	0.00	0.69		15.83	15.83	1037.	242.	0.00	0.44							
2747		50		19.37	19.37	5725.	256.	0.00	0.68		15.83	15.83	1263.	289.	0.00	0.53							
2748		50		19.37	19.37	5402.	231.	0.00	0.63		15.83	15.83	976.	367.	0.00	0.63							
2749		50		19.37	19.37	4436.	179.	0.08	0.50		15.83	15.83	928.	413.	0.00	0.69							
2750		50		19.37	19.37	3642.	-48.	0.09	0.22		15.83	15.83	79.	495.	0.00	0.75							
2751		50		19.37	19.37	0.	423.	0.00	0.52		15.83	15.83	0.	523.	0.00	0.79							
2752		50		19.37	19.37	0.	426.	0.00	0.52		15.83	15.83	431.	537.	0.00	0.84							
2753		50		19.37	19.37	0.	383.	0.00	0.47		15.83	15.83	477.	566.	0.00	0.89							
2754		50		19.37	19.37	0.	411.	0.00	0.50		15.83	15.83	794.	471.	0.00	0.77							
2755		50		19.37	19.37	408.	422.	0.00	0.54		15.83	15.83	962.	397.	0.00	0.67							
2756		50		19.37	19.37	1901.	390.	0.00	0.61		15.83	15.83	1069.	332.	0.00	0.58							
2757		50		19.37	19.37	3472.	349.	0.00	0.67		15.83	15.83	761.	283.	0.00	0.48							
2758		50		19.37	19.37	4338.	335.	0.00	0.71		15.83	15.83	323.	246.	0.00	0.39							
2759		50		19.37	19.37	4910.	313.	0.00	0.71		15.83	15.83	667.	223.	0.00	0.39							
2760		50		19.37	19.37	5214.	285.	0.00	0.69		15.83	15.83	1131.	239.	0.00	0.45							
2761		50		19.37	19.37	4998.	255.	0.00	0.63		15.83	15.83	824.	283.	0.00	0.49							
2762		50		19.37	19.37	4006.	174.	0.06	0.47		15.83	15.83	791.	267.	0.00	0.48							
2764		50		19.37	19.37	6875.	200.	0.14	0.68		15.83	15.83	740.	219.	0.00	0.39							
2765		50		19.37	19.37	4741.	337.	0.00	0.72		15.83	15.83	879.	210.	0.00	0.39							
2766		50		19.37	19.37	4034.	365.	0.00	0.72		15.83	15.83	869.	150.	0.00	0.29							
2767		50		19.37	19.37	2064.	322.	0.00	0.53		15.83	15.83	537.	58.	0.00	0.14							
2768		50		19.37	19.37	809.	278.	0.00	0.39		15.83	15.83	0.	190.	0.00	0.29							
2769		50		19.37	19.37	0.	265.	0.00	0.33		15.83	15.83	365.	222.	0.00	0.36							
2770		50		19.37	19.37	5737.	221.	0.00	0.64		15.83	15.83	412.	198.	0.00	0.33							
2771		50		19.37	19.37	5368.	693.	0.00	1.20		15.83	15.83	30.	215.	0.00	0.33							
2772		50		19.37	19.37	3937.	708.	0.00	1.13		15.83	15.83	172.	306.	0.00	0.47							
2773		50		19.37	19.37	4662.	540.	0.00	0.97		15.83	15.83	825.	302.	0.00	0.52							
2774		50		19.37	19.37	4324.	456.	0.00	0.84		15.83	15.83	984.	292.	0.00	0.51							
2775		50		19.37	19.37	3337.	369.	0.00	0.67		15.83	15.83	1063.	253.	0.00	0.46							
2776		50		19.37	19.37	1713.	291.	0.00	0.47		15.83	15.83	457.	205.	0.00	0.34							
2777		50		19.37	19.37	4007.	201.	0.00	0.50		15.83	15.83	25.	109.	0.00	0.17							
2778		50		19.37	19.37	4409.	154.	0.00	0.47		15.83	15.83	211.	119.	0.00	0.20							
2779		50		19.37	19.37	4216.	135.	0.00	0.43		15.83	15.83	612.	118.	0.00	0.27							
2780		50		19.37	19.37	4245.	189.	0.04	0.50		15.83	15.83	524.	108.	0.00	0.21							
2781		50		19.37	19.37	6838.	152.	0.02	0.70		15.83	15.83	0.	216.	0.00	0.33							
2782		50		19.37	19.37	4783.	131.	0.04	0.46		15.83	15.83	149.	317.	0.00	0.49							
2783		50		19.37	19.37	4797.	182.	0.00	0.53		15.83	15.83	291.	329.	0.00	0.52							
2784		50		19.37	19.37	1786.	286.	0.00	0.47		15.83	15.83	455.	321.	0.00	0.52							
2785		50		19.37	19.37	267.	334.</																

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2808		30		19.37	19.37	4083.	270.	0.21	0.87		15.83	15.83	368.	254.	0.00	0.44	
2809		30		19.37	19.37	3193.	255.	0.00	0.73		15.83	15.83	359.	243.	0.00	0.42	
2810		30		19.37	19.37	1391.	226.	0.00	0.45		15.83	15.83	278.	77.	0.00	0.16	
2811		30		19.37	19.37	653.	188.	0.00	0.31		15.83	15.83	0.	185.	0.00	0.28	
2812		30		19.37	19.37	257.	221.	0.00	0.30		15.83	15.83	0.	260.	0.00	0.39	
2813		30		19.37	19.37	4554.	229.	0.13	0.85		15.83	15.83	409.	213.	0.00	0.38	
2814		30		19.37	19.37	5000.	461.	0.07	1.21		15.83	15.83	777.	385.	0.00	0.72	
2815		30		19.37	19.37	2330.	548.	0.00	0.98		15.83	15.83	422.	286.	0.00	0.49	
2816		30		19.37	19.37	1536.	352.	0.00	0.63		15.83	15.83	416.	137.	0.00	0.27	
2817		30		19.37	19.37	645.	246.	0.00	0.38		15.83	15.83	338.	52.	0.00	0.13	
2818		30		19.37	19.37	371.	167.	0.00	0.25		15.83	15.83	208.	44.	0.00	0.10	
2819		30		19.37	19.37	256.	352.	0.00	0.46		15.83	15.83	246.	165.	0.00	0.29	
2820		30		19.37	19.37	2783.	392.	0.00	0.84		15.83	15.83	685.	289.	0.00	0.54	
2821		30		19.37	19.37	5374.	642.	0.20	1.50		15.83	15.83	185.	296.	0.00	0.47	
2822		30		19.37	19.37	3738.	418.	0.00	1.03		15.83	15.83	187.	338.	0.00	0.54	
2823		30		19.37	19.37	3576.	361.	0.00	0.90		15.83	15.83	112.	296.	0.00	0.46	
2824		30		19.37	19.37	2936.	281.	0.00	0.71		15.83	15.83	257.	202.	0.00	0.34	
2825		30		19.37	19.37	2130.	204.	0.00	0.52		15.83	15.83	288.	151.	0.00	0.27	
2826		30		19.37	19.37	1013.	149.	0.00	0.31		15.83	15.83	183.	128.	0.00	0.22	
2827		30		19.37	19.37	2718.	77.	0.11	0.43		15.83	15.83	156.	44.	0.00	0.09	
2828		30		19.37	19.37	3364.	95.	0.14	0.53		15.83	15.83	77.	198.	0.00	0.31	
2829		30		19.37	19.37	3623.	57.	0.19	0.54		15.83	15.83	0.	236.	0.00	0.36	
2830		30		19.37	19.37	5014.	27.	0.32	0.66		15.83	15.83	426.	165.	0.00	0.32	
2831		30		19.37	19.37	5271.	807.	0.13	1.78		15.83	15.83	690.	382.	0.00	0.68	
2832		30		19.37	19.37	2192.	631.	0.00	1.06		15.83	15.83	688.	338.	0.00	0.61	
2833		30		19.37	19.37	1788.	412.	0.00	0.73		15.83	15.83	356.	146.	0.00	0.27	
2834		30		19.37	19.37	1407.	291.	0.00	0.53		15.83	15.83	354.	73.	0.00	0.16	
2835		30		19.37	19.37	978.	203.	0.00	0.37		15.83	15.83	309.	45.	0.00	0.11	
2836		30		19.37	19.37	408.	150.	0.00	0.23		15.83	15.83	228.	19.	0.02	0.06	
2837		30		19.37	19.37	738.	138.	0.00	0.26		15.83	15.83	78.	19.	0.01	0.04	
2838		30		19.37	19.37	1735.	202.	0.00	0.47		15.83	15.83	274.	87.	0.00	0.17	
2839		30		19.37	19.37	2018.	364.	0.00	0.70		15.83	15.83	94.	226.	0.00	0.35	
2840		30		19.37	19.37	4070.	291.	0.04	0.87		15.83	15.83	614.	282.	0.00	0.52	
2841		30		19.37	19.37	6519.	169.	0.34	1.02		15.83	15.83	428.	249.	0.00	0.45	
2842		30		19.37	19.37	3949.	46.	0.23	0.59		15.83	15.83	317.	343.	0.00	0.56	
2843		30		19.37	19.37	3017.	19.	0.19	0.40		15.83	15.83	145.	310.	0.00	0.49	
2844		30		19.37	19.37	1028.	124.	0.00	0.28		15.83	15.83	140.	249.	0.00	0.40	
2845		30		19.37	19.37	126.	140.	0.00	0.19		15.83	15.83	117.	146.	0.00	0.24	
2846		30		19.37	19.37	876.	201.	0.00	0.36		15.83	15.83	0.	49.	0.00	0.07	
2847		30		19.37	19.37	1566.	259.	0.00	0.51		15.83	15.83	204.	106.	0.00	0.19	
2848		30		19.37	19.37	2040.	333.	0.00	0.67		15.83	15.83	216.	188.	0.00	0.32	
2849		30		19.37	19.37	2349.	430.	0.00	0.83		15.83	15.83	157.	295.	0.00	0.47	
2850		30		19.37	19.37	2556.	558.	0.00	1.02		15.83	15.83	10.	497.	0.00	0.75	
2851		30		19.37	19.37	2715.	702.	0.00	1.29		15.83	15.83	0.	706.	0.00	1.06	
2852		30		19.37	19.37	3484.	1117.	0.00	2.11		15.83	15.83	0.	716.	0.00	1.08	
2853		30		19.37	19.37	4903.	422.	0.05	1.14		15.83	15.83	624.	387.	0.00	0.68	
2854		30		19.37	19.37	2699.	330.	0.00	0.75		15.83	15.83	649.	356.	0.00	0.64	
2855		30		19.37	19.37	512.	148.	0.00	0.25		15.83	15.83	300.	195.	0.00	0.34	
2856		30		19.37	19.37	86.	91.	0.00	0.12		15.83	15.83	269.	89.	0.00	0.17	
2857		30		19.37	19.37	0.	122.	0.00	0.15		15.83	15.83	111.	26.	0.00	0.06	
2858		30		19.37	19.37	353.	174.	0.00	0.26		15.83	15.83	81.	17.	0.00	0.04	
2859		30		19.37	19.37	695.	236.	0.00	0.38		15.83	15.83	193.	32.	0.00	0.08	
2860		30		19.37	19.37	951.	315.	0.00	0.51		15.83	15.83	233.	57.	0.00	0.12	
2861		30		19.37	19.37	1160.	424.	0.00	0.67		15.83	15.83	321.	103.	0.00	0.20	
2862		30		19.37	19.37	1382.	585.	0.00	0.90		15.83	15.83	280.	227.	0.00	0.38	
2863		30		19.37	19.37	1663.	906.	0.00	1.36		15.83	15.83	129.	587.	0.00	0.90	
2865		30		19.37	19.37	0.	428.	0.00	0.53		15.83	15.83	0.	619.	0.00	0.93	
2866		30		19.37	19.37	0.	351.	0.00	0.43		15.83	15.83	0.	675.	0.00	1.01	
2867		30		19.37	19.37	0.	317.	0.00	0.39		15.83	15.83	0.	636.	0.00	0.96	
2868		30		19.37	19.37	0.	313.	0.00	0.38		15.83	15.83	231.	517.	0.00	0.83	
2869		30		19.37	19.37	915.	281.	0.00	0.47		15.83	15.83	239.	477.	0.00	0.75	
2870		30		19.37	19.37	1099.	277.	0.00	0.48		15.83	15.83	266.	388.	0.00	0.62	
2871		30		19.37	19.37	2057.	270.	0.00	0.59		15.83	15.83	237.	299.	0.00	0.49	
2872		30		19.37	19.37	2729.	261.	0.00	0.66		15.83	15.83	77.	84.	0.00	0.14	
2873		30		19.37	19.37	3123.	248.	0.00	0.69		15.83	15.83	238.	222.	0.00	0.37	
2874		30		19.37	19.37	3339.	228.	0.02	0.70		15.83	15.83	239.	224.	0.00	0.37	
2875		30		19.37	19.37	3342.	198.	0.05	0.66		15.83	15.83	169.	202.	0.00	0.33	
2876		30		19.37	19.37	3229.	66.	0.16	0.48		15.83	15.83	165.	242.	0.00	0.39	
2877		30		19.37	19.37	2415.	19.	0.15	0.32		15.83	15.83	0.	312.	0.00	0.47	
2878		30		19.37	19.37	0.	481.	0.00	0.59		15.83	15.83	0.	641.	0.00	0.96	
2879		30		19.37	19.37	0.	368.	0.00	0.45		15.83	15.83	101.	755.	0.00	1.15	
2880		30		19.37	19.37	264.	333.	0.00	0.44		15.83	15.83	300.	654.	0.00	1.06	
2881		30		19.37	19.37	704.	302.	0.00	0.48		15.83	15.83	356.	592.	0.00	0.95	
2882		30		19.37	19.37	477.	312.	0.00	0.44		15.83	15.83	347.	473.	0.00	0.77	
2883		30		19.37	19.37	380.	300.	0.00	0.42		15.83	15.83	280.	361.	0.00	0.59	
2884		30		19.37	19.37	870.	295.	0.00	0.47		15.83	15.83	134.	267.	0.00	0.42	
2885		30		19.37	19.37	1210.	296.	0.00	0.52		15.83	15.83	101.	74.	0.00	0.13	
2886		30		19.37	19.37	1439.	295.	0.00	0.54		15.83	15.83	252.	240.	0.00	0.40	
2887		30		19.37	19.37	1571.	287.	0.00	0.57		15.83	15.83	273.	257.	0.00	0.43	
2888		30		19.37	19.37	1472.	311.	0.00	0.57		15.83	15.83	270.	252.	0.00	0.42	
2889		30		19.37	19.37	1166.	249.	0.00	0.45		15.83	15.83	163.	250.	0.00	0.40	
2890		30		19.37	19.37	0.	96.	0.00	0.12		15.83						

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2900		30		19.37	19.37	1388.	373.	0.00	0.63		15.83	15.83	262.	276.	0.00	0.45	
2901		30		19.37	19.37	1560.	425.	0.00	0.72		15.83	15.83	270.	302.	0.00	0.50	
2902		30		19.37	19.37	1570.	445.	0.00	0.75		15.83	15.83	311.	294.	0.00	0.49	
2903		30		19.37	19.37	162.	308.	0.00	0.40		15.83	15.83	196.	300.	0.00	0.48	
2905		30		19.37	19.37	2615.	838.	0.00	1.40		15.83	15.83	386.	891.	0.00	1.41	
2906		30		19.37	19.37	1838.	697.	0.00	1.10		15.83	15.83	207.	513.	0.00	0.80	
2907		30		19.37	19.37	1337.	381.	0.00	0.64		15.83	15.83	321.	310.	0.00	0.51	
2908		30		19.37	19.37	934.	152.	0.00	0.30		15.83	15.83	333.	193.	0.00	0.34	
2909		30		19.37	19.37	0.	78.	0.00	0.10		15.83	15.83	221.	93.	0.00	0.17	
2910		30		19.37	19.37	510.	176.	0.00	0.28		15.83	15.83	15.	56.	0.00	0.09	
2911		30		19.37	19.37	980.	244.	0.00	0.42		15.83	15.83	133.	98.	0.00	0.17	
2912		30		19.37	19.37	1232.	320.	0.00	0.55		15.83	15.83	166.	126.	0.00	0.21	
2913		30		19.37	19.37	1445.	437.	0.00	0.72		15.83	15.83	153.	174.	0.00	0.29	
2914		30		19.37	19.37	1694.	599.	0.00	0.96		15.83	15.83	173.	244.	0.00	0.39	
2915		30		19.37	19.37	2041.	822.	0.00	1.30		15.83	15.83	310.	346.	0.00	0.57	
2916		30		19.37	19.37	2423.	792.	0.00	1.31		15.83	15.83	412.	400.	0.00	0.67	
7234		50		19.37	19.37	0.	469.	0.00	0.58		15.83	15.83	0.	398.	0.00	0.60	
7235		50		19.37	19.37	1169.	497.	0.00	0.69		15.83	15.83	0.	422.	0.00	0.63	
7236		50		19.37	19.37	1206.	511.	0.00	0.71		15.83	15.83	0.	369.	0.00	0.55	
7237		50		19.37	19.37	877.	523.	0.00	0.70		15.83	15.83	0.	372.	0.00	0.56	
7238		50		19.37	19.37	712.	530.	0.00	0.70		15.83	15.83	0.	380.	0.00	0.57	
7239		50		19.37	19.37	1079.	541.	0.00	0.74		15.83	15.83	0.	393.	0.00	0.59	
7240		50		19.37	19.37	1930.	548.	0.00	0.80		15.83	15.83	0.	413.	0.00	0.62	
7241		50		19.37	19.37	1875.	553.	0.00	0.80		15.83	15.83	0.	420.	0.00	0.63	
7242		50		19.37	19.37	1822.	548.	0.00	0.79		15.83	15.83	0.	426.	0.00	0.64	
7245		50		19.37	19.37	1487.	497.	0.00	0.71		15.83	15.83	1223.	423.	0.00	0.73	
7246		50		19.37	19.37	2059.	504.	0.00	0.75		15.83	15.83	2370.	398.	0.00	0.78	
7247		50		19.37	19.37	1831.	514.	0.00	0.75		15.83	15.83	2242.	397.	0.00	0.77	
7248		50		19.37	19.37	1558.	527.	0.00	0.75		15.83	15.83	1589.	403.	0.00	0.73	
7249		50		19.37	19.37	2418.	526.	0.00	0.80		15.83	15.83	1829.	412.	0.00	0.76	
7250		50		19.37	19.37	2646.	524.	0.00	0.81		15.83	15.83	2592.	419.	0.00	0.83	
7251		50		19.37	19.37	2016.	530.	0.00	0.78		15.83	15.83	2220.	382.	0.00	0.75	
7252		50		19.37	19.37	1654.	512.	0.00	0.74		15.83	15.83	1649.	415.	0.00	0.75	
7253		50		19.37	19.37	0.	492.	0.00	0.60		15.83	15.83	688.	419.	0.00	0.68	
7254		50		19.37	19.37	0.	484.	0.00	0.60		15.83	15.83	0.	447.	0.00	0.67	
7255		50		19.37	19.37	1890.	489.	0.00	0.72		15.83	15.83	1901.	413.	0.00	0.77	
7256		50		19.37	19.37	2874.	491.	0.00	0.79		15.83	15.83	2358.	413.	0.00	0.81	
7257		50		19.37	19.37	3037.	496.	0.00	0.81		15.83	15.83	2342.	416.	0.00	0.81	
7258		50		19.37	19.37	3392.	499.	0.00	0.83		15.83	15.83	2782.	418.	0.00	0.85	
7259		50		19.37	19.37	3748.	498.	0.00	0.85		15.83	15.83	3483.	423.	0.00	0.91	
7260		50		19.37	19.37	3287.	491.	0.00	0.82		15.83	15.83	3578.	422.	0.00	0.91	
7261		50		19.37	19.37	2433.	489.	0.00	0.76		15.83	15.83	3351.	381.	0.00	0.83	
7262		50		19.37	19.37	1972.	465.	0.00	0.70		15.83	15.83	2140.	274.	0.00	0.64	
7263		50		19.37	19.37	0.	466.	0.00	0.57		15.83	15.83	673.	399.	0.00	0.65	
7264		50		19.37	19.37	0.	491.	0.00	0.60		15.83	15.83	972.	342.	0.00	0.59	
7265		50		19.37	19.37	2083.	482.	0.00	0.73		15.83	15.83	1989.	407.	0.00	0.77	
7266		50		19.37	19.37	3215.	483.	0.00	0.80		15.83	15.83	2325.	422.	0.00	0.82	
7267		50		19.37	19.37	3817.	478.	0.00	0.83		15.83	15.83	2633.	425.	0.00	0.85	
7268		50		19.37	19.37	4514.	473.	0.00	0.87		15.83	15.83	3406.	424.	0.00	0.90	
7269		50		19.37	19.37	4318.	465.	0.00	0.86		15.83	15.83	3607.	420.	0.00	0.91	
7270		50		19.37	19.37	3394.	477.	0.00	0.80		15.83	15.83	3498.	418.	0.00	0.90	
7271		50		19.37	19.37	2690.	442.	0.00	0.73		15.83	15.83	2748.	407.	0.00	0.83	
7272		50		19.37	19.37	2188.	411.	0.00	0.64		15.83	15.83	966.	397.	0.00	0.67	
7273		50		19.37	19.37	0.	407.	0.00	0.50		15.83	15.83	267.	417.	0.00	0.65	
7275		50		19.37	19.37	3057.	470.	0.00	0.77		15.83	15.83	797.	393.	0.00	0.65	
7276		50		19.37	19.37	4821.	456.	0.00	0.87		15.83	15.83	1778.	414.	0.00	0.76	
7277		50		19.37	19.37	5526.	441.	0.00	0.90		15.83	15.83	2296.	414.	0.00	0.80	
7278		50		19.37	19.37	5188.	441.	0.00	0.87		15.83	15.83	2380.	412.	0.00	0.81	
7279		50		19.37	19.37	4203.	428.	0.00	0.79		15.83	15.83	2331.	401.	0.00	0.78	
7280		50		19.37	19.37	3547.	377.	0.00	0.70		15.83	15.83	1812.	387.	0.00	0.72	
7281		50		19.37	19.37	4386.	346.	0.00	0.71		15.83	15.83	683.	374.	0.00	0.62	
7282		50		19.37	19.37	2664.	331.	0.00	0.58		15.83	15.83	71.	371.	0.00	0.57	
7283		50		19.37	19.37	699.	234.	0.00	0.39		15.83	15.83	0.	404.	0.00	0.61	
7285		50		19.37	19.37	4078.	476.	0.00	0.85		15.83	15.83	793.	376.	0.00	0.63	
7286		50		19.37	19.37	5532.	459.	0.00	0.92		15.83	15.83	1469.	393.	0.00	0.71	
7287		50		19.37	19.37	5690.	432.	0.00	0.90		15.83	15.83	1744.	388.	0.00	0.72	
7288		50		19.37	19.37	5100.	416.	0.00	0.84		15.83	15.83	1743.	383.	0.00	0.71	
7289		50		19.37	19.37	3563.	389.	0.00	0.71		15.83	15.83	1463.	364.	0.00	0.66	
7290		50		19.37	19.37	4596.	344.	0.00	0.72		15.83	15.83	817.	342.	0.00	0.58	
7291		50		19.37	19.37	4600.	325.	0.00	0.69		15.83	15.83	89.	324.	0.00	0.49	
7292		50		19.37	19.37	3655.	256.	0.00	0.55		15.83	15.83	0.	335.	0.00	0.50	
7293		50		19.37	19.37	2941.	132.	0.00	0.37		15.83	15.83	0.	365.	0.00	0.55	
7295		50		19.37	19.37	2055.	477.	0.00	0.72		15.83	15.83	1412.	410.	0.00	0.73	
7296		50		19.37	19.37	3316.	473.	0.00	0.79		15.83	15.83	1861.	426.	0.00	0.79	
7297		50		19.37	19.37	4541.	467.	0.00	0.86		15.83	15.83	2904.	428.	0.00	0.87	
7298		50		19.37	19.37	4909.	460.	0.00	0.88		15.83	15.83	3422.	424.	0.00	0.91	
7299		50		19.37	19.37	4373.	458.	0.00	0.84		15.83	15.83	3443.	422.	0.00	0.90	
7300		50		19.37	19.37	3377.	442.	0.00	0.76		15.83	15.83	3155.	413.	0.00	0.87	
7301		50		19.37	19.37	2746.	413.	0.00	0.68		15.83	15.83	2200.	402.	0.00	0.78	
7303		50		19.37	19.37	2152.	474.	0.00	0.72		15.83	15.83	982.	404.	0.00	0.68	
7304		50		19.37	19.37	3981.	464.	0.00	0.83		15.83	15.83	2068.	424.	0.00	0.80	
7305																	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7316		50		19.37	19.37	1751.	593.	0.00	0.84		15.83	15.83	0.	482.	0.00	0.72	
7317		50		19.37	19.37	1908.	600.	0.00	0.86		15.83	15.83	0.	479.	0.00	0.72	
7318		50		19.37	19.37	1515.	605.	0.00	0.84		15.83	15.83	0.	480.	0.00	0.72	
7319		50		19.37	19.37	2413.	612.	0.00	0.91		15.83	15.83	267.	491.	0.00	0.76	
7320		50		19.37	19.37	3401.	628.	0.00	0.99		15.83	15.83	1787.	511.	0.00	0.92	
7321		50		19.37	19.37	4129.	635.	0.00	1.05		15.83	15.83	3591.	598.	0.00	1.19	
7322		50		19.37	19.37	4698.	654.	0.00	1.11		15.83	15.83	5540.	683.	0.00	1.49	
7323		50		19.37	19.37	5351.	695.	0.00	1.21		15.83	15.83	9837.	716.	0.06	2.22	
7324		50		19.37	19.37	4984.	687.	0.00	1.17		15.83	15.83	12303.	513.	0.17	1.75	
7325		50		19.37	19.37	0.	699.	0.00	0.86		15.83	15.83	10186.	123.	0.16	0.97	
7326		50		19.37	19.37	0.	585.	0.00	0.72		15.83	15.83	790.	433.	0.00	0.71	
7327		50		19.37	19.37	1524.	582.	0.00	0.81		15.83	15.83	1849.	497.	0.00	0.89	
7328		50		19.37	19.37	2253.	572.	0.00	0.86		15.83	15.83	2209.	505.	0.00	0.93	
7329		50		19.37	19.37	2519.	574.	0.00	0.87		15.83	15.83	2094.	512.	0.00	0.94	
7330		50		19.37	19.37	2739.	577.	0.00	0.89		15.83	15.83	2183.	526.	0.00	0.96	
7331		50		19.37	19.37	3538.	580.	0.00	0.94		15.83	15.83	2987.	550.	0.00	1.07	
7332		50		19.37	19.37	4106.	587.	0.00	0.99		15.83	15.83	3442.	608.	0.00	1.19	
7333		50		19.37	19.37	4123.	624.	0.00	1.04		15.83	15.83	3521.	671.	0.00	1.30	
7334		50		19.37	19.37	4700.	632.	0.00	1.08		15.83	15.83	3279.	727.	0.00	1.37	
7335		50		19.37	19.37	4300.	639.	0.00	1.07		15.83	15.83	1652.	823.	0.00	1.37	
7336		50		19.37	19.37	2330.	624.	0.00	0.92		15.83	15.83	0.	708.	0.00	1.06	
7338		50		19.37	19.37	0.	538.	0.00	0.66		15.83	15.83	761.	427.	0.00	0.70	
7339		50		19.37	19.37	1837.	490.	0.00	0.72		15.83	15.83	1758.	482.	0.00	0.86	
7340		50		19.37	19.37	2806.	547.	0.00	0.85		15.83	15.83	2062.	509.	0.00	0.93	
7341		50		19.37	19.37	3382.	527.	0.00	0.87		15.83	15.83	2240.	525.	0.00	0.97	
7342		50		19.37	19.37	4468.	523.	0.00	0.93		15.83	15.83	3000.	544.	0.00	1.06	
7343		50		19.37	19.37	5001.	519.	0.00	0.96		15.83	15.83	3434.	573.	0.00	1.14	
7344		50		19.37	19.37	4603.	553.	0.00	0.98		15.83	15.83	3490.	606.	0.00	1.20	
7345		50		19.37	19.37	4623.	555.	0.00	0.98		15.83	15.83	3204.	659.	0.00	1.25	
7346		50		19.37	19.37	3866.	556.	0.00	0.93		15.83	15.83	2225.	732.	0.00	1.29	
7347		50		19.37	19.37	2745.	521.	0.00	0.83		15.83	15.83	945.	771.	0.00	1.26	
7348		50		19.37	19.37	0.	527.	0.00	0.65		15.83	15.83	0.	712.	0.00	1.07	
7349		50		19.37	19.37	0.	500.	0.00	0.61		15.83	15.83	0.	479.	0.00	0.72	
7350		50		19.37	19.37	0.	213.	0.00	0.26		15.83	15.83	285.	448.	0.00	0.70	
7351		50		19.37	19.37	2196.	209.	0.02	0.40		15.83	15.83	922.	476.	0.00	0.79	
7352		50		19.37	19.37	3180.	448.	0.00	0.76		15.83	15.83	1386.	502.	0.00	0.86	
7353		50		19.37	19.37	4254.	440.	0.00	0.85		15.83	15.83	2186.	517.	0.00	0.95	
7354		50		19.37	19.37	4800.	458.	0.00	0.87		15.83	15.83	2662.	534.	0.00	1.02	
7355		50		19.37	19.37	5115.	454.	0.00	0.89		15.83	15.83	2866.	554.	0.00	1.06	
7356		50		19.37	19.37	4926.	331.	0.00	0.72		15.83	15.83	2775.	584.	0.00	1.10	
7357		50		19.37	19.37	4208.	230.	0.04	0.55		15.83	15.83	2232.	626.	0.00	1.12	
7358		50		19.37	19.37	3005.	219.	0.02	0.46		15.83	15.83	1274.	683.	0.00	1.13	
7359		50		19.37	19.37	632.	386.	0.00	0.51		15.83	15.83	0.	757.	0.00	1.14	
7360		50		19.37	19.37	0.	344.	0.00	0.42		15.83	15.83	0.	726.	0.00	1.09	
7362		50		19.37	19.37	2100.	250.	0.00	0.45		15.83	15.83	0.	430.	0.00	0.65	
7363		50		19.37	19.37	3076.	253.	0.00	0.51		15.83	15.83	390.	459.	0.00	0.72	
7364		50		19.37	19.37	4279.	199.	0.07	0.52		15.83	15.83	1142.	481.	0.00	0.81	
7365		50		19.37	19.37	4841.	215.	0.08	0.57		15.83	15.83	1709.	493.	0.00	0.88	
7366		50		19.37	19.37	5274.	205.	0.06	0.59		15.83	15.83	1958.	503.	0.00	0.91	
7367		50		19.37	19.37	4138.	201.	0.02	0.51		15.83	15.83	1989.	517.	0.00	0.94	
7368		50		19.37	19.37	3714.	221.	0.01	0.51		15.83	15.83	1586.	505.	0.00	0.89	
7369		50		19.37	19.37	4301.	386.	0.00	0.75		15.83	15.83	993.	489.	0.00	0.81	
7370		50		19.37	19.37	3660.	387.	0.00	0.71		15.83	15.83	498.	495.	0.00	0.78	
7371		50		19.37	19.37	2144.	73.	0.00	0.23		15.83	15.83	545.	469.	0.00	0.75	
7372		50		19.37	19.37	0.	76.	0.00	0.09		15.83	15.83	0.	660.	0.00	0.99	
7374		50		19.37	19.37	4745.	237.	0.00	0.59		15.83	15.83	0.	396.	0.00	0.60	
7375		50		19.37	19.37	4553.	275.	0.00	0.63		15.83	15.83	0.	427.	0.00	0.64	
7376		50		19.37	19.37	5533.	254.	0.05	0.66		15.83	15.83	793.	446.	0.00	0.73	
7377		50		19.37	19.37	5256.	115.	0.01	0.59		15.83	15.83	1138.	453.	0.00	0.77	
7378		50		19.37	19.37	3152.	374.	0.00	0.66		15.83	15.83	1239.	456.	0.00	0.78	
7379		50		19.37	19.37	2789.	407.	0.00	0.68		15.83	15.83	869.	378.	0.00	0.64	
7380		50		19.37	19.37	3836.	445.	0.00	0.79		15.83	15.83	484.	250.	0.00	0.41	
7381		50		19.37	19.37	4240.	499.	0.00	0.89		15.83	15.83	988.	283.	0.00	0.50	
7382		50		19.37	19.37	3878.	528.	0.00	0.90		15.83	15.83	1025.	531.	0.00	0.88	
7383		50		19.37	19.37	3103.	531.	0.00	0.85		15.83	15.83	685.	694.	0.00	1.10	
7384		50		19.37	19.37	1601.	483.	0.00	0.70		15.83	15.83	0.	709.	0.00	1.07	
7385		50		19.37	19.37	321.	505.	0.00	0.64		15.83	15.83	0.	697.	0.00	1.05	
7758		50		19.37	19.37	0.	187.	0.00	0.23		15.83	15.83	0.	459.	0.00	0.69	
7765		50		19.37	19.37	0.	169.	0.00	0.21		15.83	15.83	0.	581.	0.00	0.87	
7766		50		19.37	19.37	1239.	257.	0.00	0.39		15.83	15.83	0.	408.	0.00	0.61	
7767		50		19.37	19.37	1200.	255.	0.00	0.39		15.83	15.83	0.	186.	0.00	0.28	
7768		50		19.37	19.37	945.	257.	0.00	0.38		15.83	15.83	564.	61.	0.01	0.14	
7769		50		19.37	19.37	963.	59.	0.00	0.14		15.83	15.83	79.	89.	0.00	0.14	
7770		50		19.37	19.37	949.	237.	0.00	0.35		15.83	15.83	0.	211.	0.00	0.32	
7772		50		19.37	19.37	0.	150.	0.00	0.18		15.83	15.83	0.	526.	0.00	0.79	
7773		50		19.37	19.37	1364.	232.	0.00	0.37		15.83	15.83	0.	329.	0.00	0.49	
7774		50		19.37	19.37	1637.	245.	0.00	0.41		15.83	15.83	0.	118.	0.01	0.18	
7775		50		19.37	19.37	1820.	243.	0.00	0.41		15.83	15.83	1179.	-25.	0.03	0.09	
7776		50		19.37	19.37	1540.	95.	0.00	0.22		15.83	15.83	704.	52.	0.03	0.13	
7777		50		19.37	19.37	1274.	230.	0.00	0.36		15.83	15.83	0.	190.	0.00	0.29	
7778		50		19.37	19.37	234.	160.	0.00	0.21		15.83	15.83	0.	315.	0.00	0.47	
7779		50		19.37	19.37	0.</											

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7789		50		19.37	19.37	2551.	197.	0.00	0.40		15.83	15.83	1679.	143.	0.00	0.36	
7790		50		19.37	19.37	2686.	177.	0.00	0.39		15.83	15.83	1705.	139.	0.00	0.34	
7791		50		19.37	19.37	1754.	199.	0.00	0.36		15.83	15.83	830.	175.	0.00	0.33	
7792		50		19.37	19.37	153.	146.	0.00	0.19		15.83	15.83	469.	246.	0.00	0.42	
7793		50		19.37	19.37	1209.	69.	0.00	0.16		15.83	15.83	0.	463.	0.00	0.70	
7794		50		19.37	19.37	3084.	126.	0.01	0.35		15.83	15.83	323.	310.	0.00	0.50	
7795		50		19.37	19.37	2953.	97.	0.04	0.31		15.83	15.83	490.	242.	0.00	0.40	
7796		50		19.37	19.37	2620.	105.	0.03	0.30		15.83	15.83	1098.	164.	0.00	0.33	
7797		50		19.37	19.37	2720.	148.	0.04	0.35		15.83	15.83	1033.	143.	0.00	0.30	
7798		50		19.37	19.37	2289.	192.	0.00	0.38		15.83	15.83	398.	180.	0.00	0.31	
7800		50		19.37	19.37	3284.	14.	0.06	0.23		15.83	15.83	0.	411.	0.00	0.62	
7801		50		19.37	19.37	4382.	74.	0.11	0.37		15.83	15.83	166.	322.	0.00	0.50	
7802		50		19.37	19.37	4150.	49.	0.09	0.32		15.83	15.83	644.	208.	0.00	0.36	
7803		50		19.37	19.37	2100.	41.	0.05	0.18		15.83	15.83	949.	130.	0.00	0.27	
7804		50		19.37	19.37	2429.	38.	0.05	0.21		15.83	15.83	878.	126.	0.00	0.26	
7805		50		19.37	19.37	1814.	191.	0.00	0.35		15.83	15.83	232.	181.	0.00	0.30	
7807		50		19.37	19.37	5303.	-17.	0.13	0.33		15.83	15.83	0.	354.	0.00	0.53	
7808		50		19.37	19.37	5871.	-11.	0.14	0.37		15.83	15.83	329.	311.	0.00	0.49	
7809		50		19.37	19.37	5145.	159.	0.12	0.52		15.83	15.83	615.	259.	0.00	0.44	
7810		50		19.37	19.37	2498.	134.	0.00	0.35		15.83	15.83	750.	108.	0.00	0.22	
7811		50		19.37	19.37	2251.	118.	0.00	0.29		15.83	15.83	450.	44.	0.00	0.12	
7812		50		19.37	19.37	336.	191.	0.00	0.26		15.83	15.83	0.	187.	0.00	0.28	
7814		50		19.37	19.37	7509.	-31.	0.18	0.46		15.83	15.83	127.	306.	0.00	0.47	
7815		50		19.37	19.37	6665.	-35.	0.16	0.41		15.83	15.83	354.	279.	0.00	0.45	
7816		50		19.37	19.37	5339.	217.	0.06	0.61		15.83	15.83	360.	254.	0.00	0.41	
7817		50		19.37	19.37	2880.	219.	0.00	0.45		15.83	15.83	41.	222.	0.00	0.34	
7818		50		19.37	19.37	1808.	219.	0.00	0.38		15.83	15.83	0.	195.	0.00	0.29	
7819		50		19.37	19.37	0.	209.	0.00	0.26		15.83	15.83	0.	91.	0.00	0.14	
7821		50		19.37	19.37	0.	147.	0.00	0.18		15.83	15.83	575.	158.	0.00	0.28	
7824		50		19.37	19.37	0.	196.	0.00	0.24		15.83	15.83	0.	236.	0.00	0.35	
7841		50		19.37	19.37	0.	494.	0.00	0.61		15.83	15.83	377.	302.	0.00	0.48	
7842		50		19.37	19.37	0.	490.	0.00	0.60		15.83	15.83	523.	329.	0.00	0.54	
7850		50		19.37	19.37	3839.	355.	0.00	0.68		15.83	15.83	1966.	419.	0.00	0.81	
7851		50		19.37	19.37	3643.	282.	0.00	0.58		15.83	15.83	552.	315.	0.00	0.52	
7852		50		19.37	19.37	3064.	104.	0.00	0.33		15.83	15.83	0.	150.	0.00	0.23	
7853		50		19.37	19.37	2342.	194.	0.00	0.40		15.83	15.83	0.	33.	0.00	0.05	
7855		50		19.37	19.37	1556.	325.	0.00	0.51		15.83	15.83	0.	-86.	0.01	-0.01	
7856		50		19.37	19.37	2273.	304.	0.00	0.52		15.83	15.83	91.	-50.	0.01	0.02	
7857		50		19.37	19.37	2643.	278.	0.00	0.52		15.83	15.83	1865.	110.	0.00	0.31	
7858		50		19.37	19.37	2521.	262.	0.00	0.48		15.83	15.83	2855.	221.	0.00	0.56	
7860		50		19.37	19.37	0.	-165.	0.02	0.04		15.83	15.83	4628.	371.	0.00	0.92	
7862		50		19.37	19.37	1385.	384.	0.00	0.56		15.83	15.83	0.	433.	0.00	0.65	
7863		50		19.37	19.37	3057.	343.	0.00	0.62		15.83	15.83	258.	438.	0.00	0.69	
7864		50		19.37	19.37	3490.	291.	0.00	0.58		15.83	15.83	1736.	262.	0.00	0.53	
7865		50		19.37	19.37	3032.	152.	0.00	0.38		15.83	15.83	1929.	133.	0.03	0.35	
7866		50		19.37	19.37	2941.	65.	0.00	0.27		15.83	15.83	2365.	14.	0.05	0.20	
7867		50		19.37	19.37	2335.	271.	0.00	0.48		15.83	15.83	2095.	144.	0.00	0.38	
7868		50		19.37	19.37	2182.	252.	0.00	0.48		15.83	15.83	1436.	219.	0.00	0.44	
7869		50		19.37	19.37	2525.	270.	0.00	0.49		15.83	15.83	2761.	-47.	0.08	0.20	
7870		50		19.37	19.37	2895.	239.	0.00	0.48		15.83	15.83	2172.	72.	0.06	0.29	
7871		50		19.37	19.37	2959.	176.	0.00	0.40		15.83	15.83	609.	357.	0.00	0.58	
7872		50		19.37	19.37	2768.	31.	0.06	0.21		15.83	15.83	0.	601.	0.00	0.90	
7873		50		19.37	19.37	0.	-177.	0.03	0.07		15.83	15.83	0.	765.	0.00	1.15	
7874		50		19.37	19.37	0.	357.	0.00	0.44		15.83	15.83	0.	510.	0.00	0.77	
7875		50		19.37	19.37	0.	340.	0.00	0.42		15.83	15.83	0.	551.	0.00	0.83	
7876		50		19.37	19.37	2196.	312.	0.00	0.52		15.83	15.83	1146.	430.	0.00	0.81	
7877		50		19.37	19.37	3357.	280.	0.00	0.56		15.83	15.83	1979.	440.	0.00	0.82	
7878		50		19.37	19.37	3212.	237.	0.00	0.50		15.83	15.83	2615.	252.	0.00	0.58	
7879		50		19.37	19.37	3552.	164.	0.00	0.43		15.83	15.83	3008.	64.	0.06	0.33	
7880		50		19.37	19.37	2748.	136.	0.00	0.36		15.83	15.83	2899.	127.	0.00	0.41	
7881		50		19.37	19.37	2563.	173.	0.00	0.38		15.83	15.83	3621.	227.	0.00	0.62	
7882		50		19.37	19.37	3139.	157.	0.00	0.39		15.83	15.83	3721.	225.	0.00	0.63	
7883		50		19.37	19.37	3397.	135.	0.03	0.38		15.83	15.83	3043.	152.	0.00	0.46	
7884		50		19.37	19.37	3403.	83.	0.09	0.32		15.83	15.83	356.	354.	0.00	0.56	
7885		50		19.37	19.37	3147.	62.	0.07	0.28		15.83	15.83	0.	468.	0.00	0.70	
7886		50		19.37	19.37	0.	-197.	0.02	0.11		15.83	15.83	0.	736.	0.00	1.11	
7888		50		19.37	19.37	0.	274.	0.00	0.34		15.83	15.83	0.	502.	0.00	0.75	
7889		50		19.37	19.37	573.	273.	0.00	0.37		15.83	15.83	1258.	497.	0.00	0.85	
7890		50		19.37	19.37	2714.	261.	0.00	0.49		15.83	15.83	1746.	447.	0.00	0.81	
7891		50		19.37	19.37	3184.	244.	0.00	0.50		15.83	15.83	2674.	228.	0.00	0.55	
7892		50		19.37	19.37	3817.	220.	0.00	0.51		15.83	15.83	3210.	111.	0.00	0.41	
7893		50		19.37	19.37	3712.	96.	0.03	0.35		15.83	15.83	3157.	185.	0.00	0.52	
7894		50		19.37	19.37	3844.	74.	0.05	0.34		15.83	15.83	3523.	206.	0.00	0.59	
7895		50		19.37	19.37	3956.	48.	0.07	0.31		15.83	15.83	3323.	200.	0.00	0.56	
7896		50		19.37	19.37	4147.	34.	0.09	0.30		15.83	15.83	2404.	201.	0.00	0.49	
7897		50		19.37	19.37	4126.	76.	0.09	0.36		15.83	15.83	678.	364.	0.00	0.62	
7898		50		19.37	19.37	3628.	120.	0.00	0.38		15.83	15.83	0.	509.	0.00	0.76	
7899		50		19.37	19.37	1181.	-128.	0.04	0.11		15.83	15.83	0.	721.	0.00	1.08	
7901		50		19.37	19.37	0.	210.	0.00	0.26		15.83	15.83	0.	577.	0.00	0.87	
7902		50		19.37	19.37	0.	233.	0.00	0.29		15.83	15.83	0.	482.	0.00	0.73	
7903		50		19.37	19.37	1432.	239.	0.00	0.38		15.83	15.83	1091.	450.	0.00	0.76	
7904		50		19.37	19.37	2777.	240.	0.00	0.47								

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7915		50		19.37	19.37	0.	193.	0.00	0.24		15.83	15.83	0.	515.	0.00	0.77	
7916		50		19.37	19.37	113.	221.	0.00	0.28		15.83	15.83	582.	308.	0.00	0.54	
7917		50		19.37	19.37	2202.	238.	0.00	0.43		15.83	15.83	1635.	151.	0.00	0.37	
7918		50		19.37	19.37	3505.	243.	0.00	0.52		15.83	15.83	2260.	167.	0.00	0.42	
7919		50		19.37	19.37	4308.	242.	0.00	0.57		15.83	15.83	2599.	212.	0.00	0.52	
7920		50		19.37	19.37	4893.	233.	0.00	0.60		15.83	15.83	2526.	203.	0.00	0.50	
7921		50		19.37	19.37	5188.	217.	0.00	0.60		15.83	15.83	1866.	189.	0.00	0.43	
7922		50		19.37	19.37	4991.	200.	0.00	0.56		15.83	15.83	1204.	284.	0.00	0.52	
7923		50		19.37	19.37	4324.	184.	0.00	0.50		15.83	15.83	762.	395.	0.00	0.67	
7924		50		19.37	19.37	3616.	163.	0.00	0.43		15.83	15.83	0.	530.	0.00	0.80	
7925		50		19.37	19.37	2535.	-66.	0.07	0.15		15.83	15.83	0.	661.	0.00	0.99	
7926		50		19.37	19.37	0.	65.	0.00	0.08		15.83	15.83	0.	651.	0.00	0.98	
7927		50		19.37	19.37	0.	129.	0.00	0.16		15.83	15.83	0.	560.	0.00	0.84	
7928		50		19.37	19.37	0.	181.	0.00	0.22		15.83	15.83	0.	438.	0.00	0.66	
7929		50		19.37	19.37	0.	221.	0.00	0.27		15.83	15.83	1135.	286.	0.00	0.52	
7930		50		19.37	19.37	1538.	249.	0.00	0.40		15.83	15.83	2021.	166.	0.00	0.42	
7931		50		19.37	19.37	3199.	262.	0.00	0.53		15.83	15.83	2042.	172.	0.00	0.42	
7932		50		19.37	19.37	4154.	270.	0.00	0.60		15.83	15.83	1844.	203.	0.00	0.45	
7933		50		19.37	19.37	4992.	262.	0.00	0.64		15.83	15.83	1648.	197.	0.00	0.42	
7934		50		19.37	19.37	5426.	245.	0.00	0.65		15.83	15.83	1337.	229.	0.00	0.45	
7935		50		19.37	19.37	5443.	225.	0.00	0.62		15.83	15.83	1372.	287.	0.00	0.54	
7936		50		19.37	19.37	4906.	207.	0.00	0.57		15.83	15.83	1054.	383.	0.00	0.67	
7937		50		19.37	19.37	3630.	167.	0.00	0.44		15.83	15.83	651.	474.	0.00	0.76	
7938		50		19.37	19.37	2761.	-40.	0.07	0.17		15.83	15.83	0.	591.	0.00	0.89	
7951		50		19.37	19.37	0.	441.	0.00	0.54		15.83	15.83	4984.	42.	0.08	0.45	
7952		50		19.37	19.37	0.	466.	0.00	0.57		15.83	15.83	30.	124.	0.00	0.19	
7956		50		19.37	19.37	0.	227.	0.00	0.28		15.83	15.83	0.	443.	0.00	0.67	
8450		50		19.37	19.37	1190.	262.	0.00	0.40		15.83	15.83	0.	251.	0.00	0.38	
8451		50		19.37	19.37	767.	273.	0.00	0.38		15.83	15.83	0.	87.	0.00	0.13	
8454		50		19.37	19.37	464.	266.	0.00	0.36		15.83	15.83	0.	121.	0.00	0.18	
8455		50		19.37	19.37	402.	272.	0.00	0.36		15.83	15.83	0.	-40.	0.00	0.00	
8457		50		19.37	19.37	544.	274.	0.00	0.37		15.83	15.83	0.	11.	0.00	0.02	
8458		50		19.37	19.37	148.	263.	0.00	0.33		15.83	15.83	0.	68.	0.00	0.10	
8459		50		19.37	19.37	351.	259.	0.00	0.34		15.83	15.83	0.	2.	0.00	0.00	
8461		50		19.37	19.37	536.	264.	0.00	0.36		15.83	15.83	0.	-71.	0.01	-0.01	
8462		50		19.37	19.37	199.	51.	0.00	0.08		15.83	15.83	0.	124.	0.00	0.19	
8463		50		19.37	19.37	320.	150.	0.00	0.20		15.83	15.83	0.	64.	0.00	0.10	
8465		50		19.37	19.37	422.	91.	0.00	0.14		15.83	15.83	0.	33.	0.00	0.05	
8466		50		19.37	19.37	454.	248.	0.00	0.33		15.83	15.83	0.	205.	0.00	0.31	
8469		50		19.37	19.37	254.	259.	0.00	0.33		15.83	15.83	0.	75.	0.00	0.11	
8470		50		19.37	19.37	168.	175.	0.00	0.23		15.83	15.83	0.	298.	0.00	0.45	
8471		50		19.37	19.37	0.	476.	0.00	0.59		15.83	15.83	0.	408.	0.00	0.61	
8472		50		19.37	19.37	4953.	178.	0.00	0.53		15.83	15.83	0.	168.	0.00	0.25	
8473		50		19.37	19.37	2518.	297.	0.07	0.53		15.83	15.83	0.	303.	0.00	0.46	
8474		50		19.37	19.37	2839.	188.	0.00	0.41		15.83	15.83	0.	260.	0.00	0.39	
8475		50		19.37	19.37	226.	191.	0.00	0.25		15.83	15.83	0.	232.	0.00	0.35	
8476		50		19.37	19.37	688.	196.	0.00	0.28		15.83	15.83	333.	259.	0.00	0.42	
8477		50		19.37	19.37	451.	185.	0.00	0.26		15.83	15.83	0.	236.	0.00	0.36	
8478		50		19.37	19.37	25.	163.	0.00	0.20		15.83	15.83	146.	262.	0.00	0.41	
8479		50		19.37	19.37	0.	495.	0.00	0.61		15.83	15.83	228.	304.	0.00	0.48	
8480		50		19.37	19.37	0.	386.	0.00	0.47		15.83	15.83	446.	338.	0.00	0.54	
8481		50		19.37	19.37	624.	257.	0.02	0.36		15.83	15.83	43.	328.	0.00	0.50	
8482		50		19.37	19.37	2575.	401.	0.00	0.66		15.83	15.83	261.	206.	0.00	0.33	
8483		50		19.37	19.37	2787.	426.	0.00	0.70		15.83	15.83	1986.	299.	0.00	0.60	
8485		50		19.37	19.37	969.	442.	0.00	0.60		15.83	15.83	2163.	143.	0.00	0.38	
8486		50		19.37	19.37	1754.	317.	0.00	0.50		15.83	15.83	0.	-61.	0.01	-0.01	
8487		50		19.37	19.37	2112.	356.	0.00	0.57		15.83	15.83	0.	-69.	0.01	-0.01	
8489		50		19.37	19.37	1897.	346.	0.00	0.55		15.83	15.83	0.	-33.	0.00	0.00	
8490		50		19.37	19.37	2208.	-39.	0.06	0.13		15.83	15.83	2345.	313.	0.00	0.65	
8491		50		19.37	19.37	1840.	92.	0.00	0.23		15.83	15.83	3414.	346.	0.00	0.79	
8493		50		19.37	19.37	2243.	176.	0.00	0.36		15.83	15.83	3008.	286.	0.00	0.66	
8494		50		19.37	19.37	0.	638.	0.00	0.78		15.83	15.83	0.	360.	0.00	0.54	
8495		50		19.37	19.37	0.	426.	0.00	0.52		15.83	15.83	0.	393.	0.00	0.59	
8496		50		19.37	19.37	0.	178.	0.00	0.22		15.83	15.83	0.	471.	0.00	0.71	
8497		50		19.37	19.37	0.	132.	0.00	0.16		15.83	15.83	0.	429.	0.00	0.64	
8498		50		19.37	19.37	0.	75.	0.00	0.09		15.83	15.83	0.	635.	0.00	0.95	
8499		50		19.37	19.37	0.	98.	0.00	0.12		15.83	15.83	0.	534.	0.00	0.80	
8500		50		19.37	19.37	0.	254.	0.00	0.31		15.83	15.83	0.	525.	0.00	0.79	
8501		50		19.37	19.37	0.	38.	0.00	0.05		15.83	15.83	0.	692.	0.00	1.04	
8502		50		19.37	19.37	2160.	-16.	0.05	0.13		15.83	15.83	0.	414.	0.00	0.62	
8504		50		19.37	19.37	3111.	-66.	0.08	0.18		15.83	15.83	0.	350.	0.00	0.53	
8505		50		19.37	19.37	3171.	-76.	0.08	0.18		15.83	15.83	126.	330.	0.00	0.51	
9526		50		19.37	19.37	0.	511.	0.00	0.63		15.83	15.83	0.	442.	0.00	0.66	
9527		50		19.37	19.37	0.	501.	0.00	0.62		15.83	15.83	0.	438.	0.00	0.66	
9528		50		19.37	19.37	859.	528.	0.00	0.70		15.83	15.83	0.	432.	0.00	0.65	
9530		50		19.37	19.37	0.	595.	0.00	0.73		15.83	15.83	0.	450.	0.00	0.68	
9531		50		19.37	19.37	0.	581.	0.00	0.71		15.83	15.83	0.	450.	0.00	0.68	
9532		50		19.37	19.37	0.	579.	0.00	0.71		15.83	15.83	0.	445.	0.00	0.67	

MACROGUSCIO P9

VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
13	Rara 1 (RARA)
14	Rara 2 (RARA)
15	Frequente 1 (FREQUENTE)
16	Frequente 2 (FREQUENTE)

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2764		19.37	19.37		1487	-40	5.39	105.		1289	-5	0.013		1097	2	3.87	0.012	
2765		19.37	19.37		538	16	1.61	114.		375	5	0.006		286	-3	1.03	0.002	
2766		19.37	19.37		0.	41	0.00	105.		0.	-2	0.000		0.	-2	0.04	0.000	
2767		19.37	19.37		0.	126	0.00	324.		0.	60	0.023		0.	2	0.00	0.001	
2768		19.37	19.37		0.	179	0.00	462.		0.	86	0.033		0.	7	0.00	0.003	
2769		19.37	19.37		578	179	0.00	544.		720	13	0.011		747	13	2.46	0.012	
2770		19.37	19.37		1091	218	0.00	720.		1594	2	0.017		1636	23	5.47	0.024	
2771		19.37	19.37		2659	153	4.76	769.		2379	89	0.054		2099	16	7.24	0.027	
2772		19.37	19.37		1445	119	0.00	514.		1222	73	0.038		998	27	3.03	0.019	
2773		19.37	19.37		88	54	0.00	151.		0.	12	0.005		0.	22	0.00	0.009	
2774		19.37	19.37		0.	26	0.00	66.		0.	14	0.005		0.	13	0.00	0.005	
2775		19.37	19.37		0.	4	0.00	9.		0.	4	0.001		0.	3	0.00	0.001	
2776		19.37	19.37		0.	-5	0.08	-1.		0.	9	0.003		0.	-7	0.12	0.000	
2777		19.37	19.37		0.	-28	0.49	-7.		0.	-3	0.000		0.	-16	0.29	0.000	
2778		19.37	19.37		478	-55	1.96	-4.		393	-40	0.000		307	-24	1.09	0.000	
2779		19.37	19.37		1783	-87	6.24	55.		1763	-60	0.008		1742	-31	6.33	0.012	
2780		19.37	19.37		2963	-136	10.42	104.		3094	-90	0.016		3138	-36	11.37	0.026	
2781		19.37	19.37		1364	-65	4.78	44.		1269	-40	0.006		1179	-11	4.26	0.010	
2782		19.37	19.37		899	-73	3.23	3.		765	-42	0.001		635	-11	2.31	0.004	
2783		19.37	19.37		168	-100	2.14	-23.		28	-62	0.000		0.	-24	0.44	0.000	
2784		19.37	19.37		0.	-125	2.25	-34.		0.	-84	0.000		0.	-42	0.75	0.000	
2785		19.37	19.37		0.	-155	2.78	-42.		0.	-114	0.000		0.	-61	1.09	0.000	
2786		19.37	19.37		0.	-175	3.13	-47.		0.	-134	0.000		0.	-81	1.45	0.000	
2787		19.37	19.37		0.	-195	3.49	-52.		0.	-155	0.000		0.	-103	1.84	0.000	
2788		19.37	19.37		0.	-188	3.36	-50.		0.	-168	0.000		0.	-127	2.27	0.000	
2789		19.37	19.37		884	-144	4.38	-19.		791	-121	0.000		695	-98	3.17	0.000	
2790		19.37	19.37		2075	-76	7.41	105.		1986	-58	0.010		1894	-39	6.89	0.012	
2791		19.37	19.37		3221	12	11.28	464.		3155	26	0.041		3085	39	10.40	0.044	
2792		19.37	19.37		4079	53	13.72	684.		4049	65	0.062		4016	76	13.03	0.066	
2807		19.37	19.37		1122	-31	11.72	213.		866	0.	0.010		615	13	6.37	0.010	
2808		19.37	19.37		419	-2	4.39	103.		308	6	0.005		203	10	2.04	0.005	
2809		19.37	19.37		0.	20	0.00	52.		0.	11	0.002		0.	11	0.00	0.002	
2810		19.37	19.37		0.	78	0.00	200.		0.	42	0.009		0.	16	0.00	0.003	
2811		19.37	19.37		60	131	0.00	357.		39	66	0.015		19	19	0.00	0.004	
2812		19.37	19.37		338	154	0.00	508.		491	14	0.009		499	21	5.06	0.011	
2813		19.37	19.37		288	224	0.00	670.		934	26	0.017		934	26	9.63	0.017	
2814		19.37	19.37		737	-68	7.27	36.		484	-12	0.004		236	26	2.01	0.009	
2815		19.37	19.37		275	-35	2.72	2.		193	-4	0.002		115	24	0.37	0.007	
2816		19.37	19.37		12	6	0.00	18.		0.	27	0.006		0.	27	0.00	0.006	
2817		19.37	19.37		26	69	0.00	185.		0.	43	0.009		0.	30	0.00	0.006	
2818		19.37	19.37		96	138	0.00	387.		78	73	0.017		59	27	0.00	0.007	
2819		19.37	19.37		123	198	0.00	551.		259	18	0.007		265	24	2.41	0.009	
2820		19.37	19.37		0.	343	0.00	887.		441	25	0.011		441	25	4.37	0.011	
2821		19.37	19.37		1589	170	13.71	898.		1269	98	0.037		949	24	9.81	0.016	
2822		19.37	19.37		923	129	6.80	610.		737	78	0.027		550	27	5.52	0.013	
2823		19.37	19.37		102	74	0.00	223.		0.	21	0.004		0.	21	0.00	0.004	
2824		19.37	19.37		0.	53	0.00	137.		0.	11	0.002		0.	11	0.00	0.002	
2825		19.37	19.37		0.	40	0.00	104.		0.	2	0.000		0.	2	0.00	0.000	
2826		19.37	19.37		0.	45	0.00	116.		0.	13	0.003		0.	-8	0.22	0.000	
2827		19.37	19.37		0.	38	0.00	97.		0.	10	0.002		0.	-17	0.46	0.000	
2828		19.37	19.37		457	23	4.58	185.		393	-1	0.005		329	-25	3.30	0.001	
2829		19.37	19.37		1143	0.	11.98	301.		1143	-20	0.011		1143	-32	11.93	0.010	
2830		19.37	19.37		1623	-20	17.02	371.		1817	-44	0.016		1834	-40	19.20	0.017	
2831		19.37	19.37		790	223	0.00	829.		503	133	0.037		216	44	0.80	0.013	
2832		19.37	19.37		483	156	0.00	560.		359	98	0.027		234	39	1.40	0.012	
2833		19.37	19.37		111	98	0.00	290.		7	27	0.006		7	27	0.00	0.006	
2834		19.37	19.37		0.	70	0.00	181.		0.	14	0.003		0.	13	0.00	0.003	
2835		19.37	19.37		0.	57	0.00	147.		0.	1	0.000		0.	1	0.00	0.000	
2836		19.37	19.37		0.	64	0.00	166.		0.	16	0.003		0.	-10	0.29	0.000	
2837		19.37	19.37		0.	65	0.00	168.		0.	21	0.005		0.	-21	0.60	0.000	
2838		19.37	19.37		299	50	1.79	222.		257	9	0.005		214	-32	2.12	0.000	
2839		19.37	19.37		585	19	6.00	207.		588	-22	0.004		587	-42	5.90	0.002	
2840		19.37	19.37		729	7	7.62	211.		891	-55	0.004		899	-54	9.16	0.005	
2841		19.37	19.37		106	64	0.00	198.		53	27	0.007		2	-5	0.15	0.000	
2842		19.37	19.37		363	32	3.33	186.		266	7	0.005		171	-17	1.68	0.000	
2843		19.37	19.37		150	-3	1.57	31.		42	-22	0.000		0.	-35	0.97	0.000	
2844		19.37	19.37		0.	-27	0.75	-11.		0.	-43	0.000		0.	-53	1.48	0.000	
2845		19.37	19.37		0.	-54	1.50	-23.		0.	-72	0.000		0.	-70	1.96	0.000	
2846		19.37	19.37		0.	-68	1.90	-29.		0.	-88	0.000		0.	-86	2.41	0.000	
2847		19.37	19.37		0.	-80	2.25	-34.		0.	-102	0.000		0.	-101	2.82	0.000	
2848		19.37	19.37		128	-68	2.63	-23.		51	-100	0.000		0.	-114	3.18	0.000	
2849		19.37	19.37		712	-36	7.32	95.		639	-64	0.001		564	-92	5.81	0.000	
2850		19.37	19.37		1330	24	13.82	415.		1256	-9	0.014		1180	-42	12.27	0.009	
2851		19.37	19.37		1861	124	18.06	836.		1784	84	0.040		1707	44	17.63	0.030	
2852		19.37	19.37		2089	249	17.13	1255.		1996	201	0.073		1903	152	17.89	0.057	
2853		19.37	19.37		0.	134	0.00	345.		0.	73	0.016		0.	12	0.00	0.002	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2854		19.37	19.37	128	67	0.00	213.1	67	25	0.006	8	-17	0.52	0.000
2855		19.37	19.37	118	9	1.11	57.1	48	-26	0.000	3	-45	1.28	0.000
2856		19.37	19.37	0.	-19	0.53	-8.1	0.	-53	0.000	0.	-68	1.91	0.000
2857		19.37	19.37	0.	-51	1.43	-21.1	0.	-88	0.000	0.	-89	2.48	0.000
2858		19.37	19.37	0.	-67	1.87	-28.1	0.	-106	0.000	0.	-107	2.98	0.000
2859		19.37	19.37	0.	-80	2.24	-34.1	0.	-122	0.000	0.	-122	3.41	0.000
2860		19.37	19.37	134	-62	2.49	-20.1	83	-108	0.000	54	-134	4.06	0.000
2861		19.37	19.37	405	-37	4.00	21.1	363	-81	0.000	321	-124	5.31	0.000
2862		19.37	19.37	686	24	7.01	247.1	641	-25	0.005	596	-75	5.88	0.000
2863		19.37	19.37	906	155	5.22	680.1	851	95	0.032	797	35	8.06	0.017
2864		19.37	19.37	948	385	0.00	1299.1	857	308	0.083	766	230	0.00	0.062
2865		19.37	19.37	1412	153	12.12	805.1	1773	100	0.044	1776	100	17.60	0.044
2866		19.37	19.37	1271	172	9.63	822.1	1411	123	0.045	1417	115	13.29	0.043
2867		19.37	19.37	843	191	0.99	764.1	858	142	0.043	865	103	7.10	0.034
2868		19.37	19.37	387	174	0.00	575.1	337	122	0.032	288	70	0.00	0.020
2869		19.37	19.37	0.	145	0.00	374.1	0.	90	0.019	0.	34	0.00	0.007
2870		19.37	19.37	0.	117	0.00	303.1	0.	61	0.013	0.	4	0.00	0.001
2871		19.37	19.37	0.	94	0.00	243.1	0.	38	0.008	0.	-17	0.48	0.000
2872		19.37	19.37	0.	64	0.00	166.1	0.	-2	0.000	0.	-18	0.51	0.000
2873		19.37	19.37	0.	17	0.00	44.1	0.	-14	0.000	0.	-14	0.39	0.000
2874		19.37	19.37	0.	4	0.00	12.1	0.	-11	0.000	0.	-11	0.30	0.000
2875		19.37	19.37	550	-2	5.76	139.1	264	-20	0.001	203	-8	2.11	0.001
2876		19.37	19.37	1190	0.	12.47	314.1	984	-3	0.011	774	-7	8.12	0.008
2877		19.37	19.37	1655	53	16.98	581.1	1432	21	0.022	1205	-10	12.64	0.013
2878		19.37	19.37	475	208	0.00	691.1	654	152	0.043	655	152	0.20	0.043
2879		19.37	19.37	327	271	0.00	806.1	525	195	0.050	529	190	0.00	0.049
2880		19.37	19.37	309	254	0.00	756.1	374	172	0.043	381	145	0.00	0.037
2881		19.37	19.37	218	217	0.00	631.1	204	150	0.035	190	83	0.00	0.021
2882		19.37	19.37	89	163	0.00	449.1	40	97	0.021	0.	32	0.00	0.007
2883		19.37	19.37	0.	119	0.00	308.1	0.	57	0.012	0.	-5	0.14	0.000
2884		19.37	19.37	0.	87	0.00	224.1	0.	29	0.006	0.	-23	0.63	0.000
2885		19.37	19.37	0.	53	0.00	136.1	0.	-2	0.000	0.	-19	0.53	0.000
2886		19.37	19.37	0.	5	0.00	14.1	0.	-17	0.000	0.	-17	0.46	0.000
2887		19.37	19.37	54	1	0.56	17.1	0.	-15	0.000	0.	-15	0.41	0.000
2888		19.37	19.37	337	-6	3.53	72.1	243	-22	0.001	148	-13	1.46	0.000
2889		19.37	19.37	606	-18	6.32	111.1	480	-14	0.004	354	-11	3.69	0.003
2890		19.37	19.37	882	57	8.60	391.1	704	25	0.014	526	-7	5.52	0.005
2891		19.37	19.37	173	258	0.00	721.1	512	180	0.047	529	171	0.00	0.045
2892		19.37	19.37	46	327	0.00	859.1	389	212	0.052	406	205	0.00	0.050
2893		19.37	19.37	184	256	0.00	720.1	331	133	0.034	335	125	0.00	0.032
2894		19.37	19.37	183	192	0.00	555.1	189	121	0.029	196	51	0.00	0.014
2895		19.37	19.37	113	125	0.00	360.1	72	63	0.015	32	0.	0.34	0.000
2896		19.37	19.37	17	77	0.00	204.1	0.	23	0.005	0.	-30	0.84	0.000
2897		19.37	19.37	0.	36	0.00	93.1	0.	-9	0.000	0.	-30	0.83	0.000
2898		19.37	19.37	0.	1	0.00	2.1	0.	-30	0.000	0.	-28	0.79	0.000
2899		19.37	19.37	0.	-26	0.73	-11.1	0.	-27	0.000	0.	-27	0.75	0.000
2900		19.37	19.37	121	-31	1.55	-7.1	0.	-26	0.000	0.	-26	0.72	0.000
2901		19.37	19.37	365	-40	3.58	9.1	259	-39	0.000	152	-25	1.58	0.000
2902		19.37	19.37	619	-46	6.22	52.1	471	-35	0.002	322	-23	3.24	0.001
2903		19.37	19.37	888	11	9.26	264.1	672	-2	0.008	456	-5	4.79	0.005
2904		19.37	19.37	0.	702	0.00	1812.1	0.	527	0.132	0.	404	0.00	0.088
2905		19.37	19.37	0.	429	0.00	1108.1	163	251	0.056	287	175	0.00	0.042
2906		19.37	19.37	56	235	0.00	624.1	301	33	0.011	301	33	2.58	0.011
2907		19.37	19.37	147	122	0.00	362.1	173	42	0.012	200	-37	2.18	0.000
2908		19.37	19.37	127	53	0.00	178.1	94	-8	0.000	62	-68	2.26	0.000
2909		19.37	19.37	68	7	0.58	38.1	0.	-36	0.000	0.	-64	1.79	0.000
2910		19.37	19.37	0.	-39	1.08	-16.1	0.	-67	0.000	0.	-57	1.60	0.000
2911		19.37	19.37	0.	-65	1.80	-27.1	0.	-51	0.000	0.	-51	1.41	0.000
2912		19.37	19.37	0.	-94	2.63	-39.1	0.	-45	0.000	0.	-45	1.25	0.000
2913		19.37	19.37	187	-121	4.44	-42.1	43	-85	0.000	4	-42	1.19	0.000
2914		19.37	19.37	415	-147	6.47	-42.1	287	-96	0.000	160	-43	2.13	0.000
2915		19.37	19.37	663	-166	8.42	-39.1	483	-100	0.000	303	-34	2.97	0.000
2916		19.37	19.37	919	-180	10.28	-33.1	657	-102	0.000	397	-23	4.05	0.002
7234		19.37	19.37	5451	-1008	29.14	-151.1	3888	-485	0.000	2321	39	7.63	0.036
7235		19.37	19.37	2702	-915	21.88	-187.1	2284	-388	0.000	1936	12	6.73	0.024
7236		19.37	19.37	1641	-906	19.58	-208.1	1464	-214	0.000	1397	6	4.89	0.016
7237		19.37	19.37	747	-848	16.71	-211.1	751	-210	0.000	773	8	2.64	0.010
7238		19.37	19.37	0.	-815	14.60	-219.1	0.	-258	0.000	96	11	0.00	0.005
7239		19.37	19.37	0.	-806	14.45	-217.1	0.	-241	0.000	0.	14	0.00	0.005
7240		19.37	19.37	8	-863	15.48	-232.1	215	-308	0.000	387	17	0.94	0.010
7241		19.37	19.37	874	-825	16.56	-203.1	980	-259	0.000	1068	18	3.52	0.017
7242		19.37	19.37	1749	-889	19.48	-201.1	1592	-276	0.000	1594	15	5.46	0.021
7245		19.37	19.37	2595	-841	20.34	-169.1	2213	-280	0.000	1979	8	6.92	0.023
7246		19.37	19.37	1069	-773	16.02	-184.1	1024	-149	0.000	985	2	3.47	0.011
7247		19.37	19.37	0.	-708	12.68	-190.1	39	-144	0.000	61	4	0.07	0.002
7248		19.37	19.37	0.	-718	12.87	-193.1	0.	-204	0.000	0.	8	0.00	0.003

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7249		19.37	19.37		0.	-716	12.82	-192.		0.	-198	0.000		0.	11	0.00	0.004
7250		19.37	19.37		0.	-703	12.60	-189.		0.	-181	0.000		0.	13	0.00	0.005
7251		19.37	19.37		589	-647	12.79	-161.		757	-109	0.000		766	13	2.51	0.012
7252		19.37	19.37		2092	-914	20.63	-200.		1912	-239	0.000		1773	10	6.17	0.022
7253		19.37	19.37		5904	-947	28.97	-125.		4814	-467	0.000		3716	16	13.00	0.044
7254		19.37	19.37		6327	-763	26.54	-66.		5094	-361	0.004		3866	34	13.27	0.051
7255		19.37	19.37		2454	-769	18.77	-153.		2144	-231	0.000		1961	2	6.93	0.021
7256		19.37	19.37		296	-645	12.16	-167.		381	-129	0.000		349	-4	1.26	0.003
7257		19.37	19.37		0.	-589	10.55	-158.		0.	-128	0.000		0.	-1	0.03	0.000
7258		19.37	19.37		0.	-618	11.06	-166.		0.	-191	0.000		0.	3	0.00	0.001
7259		19.37	19.37		0.	-618	11.07	-166.		0.	-191	0.000		0.	6	0.00	0.002
7260		19.37	19.37		0.	-578	10.35	-155.		0.	-139	0.000		0.	9	0.00	0.003
7261		19.37	19.37		0.	-528	9.45	-142.		2	-61	0.000		0.	9	0.00	0.003
7262		19.37	19.37		1931	-726	16.94	-153.		1876	-73	0.007		1818	7	6.36	0.021
7263		19.37	19.37		6448	-802	27.47	-74.		5598	-389	0.004		4741	12	16.68	0.053
7264		19.37	19.37		6646	-577	24.26	2.		5744	-273	0.015		4840	15	17.00	0.055
7265		19.37	19.37		1960	-594	14.63	-117.		1755	-103	0.003		1698	-4	6.05	0.017
7266		19.37	19.37		0.	-424	7.59	-114.		0.	-18	0.000		0.	-8	0.14	0.000
7267		19.37	19.37		0.	-373	6.68	-100.		0.	-13	0.000		0.	-6	0.11	0.000
7268		19.37	19.37		0.	-418	7.48	-112.		0.	-66	0.000		0.	-2	0.04	0.000
7269		19.37	19.37		0.	-416	7.46	-112.		0.	-60	0.000		0.	2	0.00	0.001
7270		19.37	19.37		0.	-368	6.59	-99.		0.	-9	0.000		0.	4	0.00	0.002
7271		19.37	19.37		0.	-364	6.52	-98.		0.	5	0.002		0.	4	0.00	0.002
7272		19.37	19.37		1523	-582	13.52	-123.		1437	-16	0.012		1421	5	4.98	0.016
7273		19.37	19.37		6303	-645	24.36	-35.		5877	-307	0.012		5445	11	19.19	0.060
7275		19.37	19.37		2207	-236	8.71	-15.		1781	-90	0.004		1488	-8	5.35	0.014
7276		19.37	19.37		0.	-166	2.97	-45.		0.	-4	0.000		0.	-5	0.08	0.000
7277		19.37	19.37		0.	-182	3.26	-49.		0.	-1	0.000		0.	-1	0.02	0.000
7278		19.37	19.37		0.	-199	3.56	-53.		0.	1	0.000		0.	1	0.00	0.000
7279		19.37	19.37		0.	-216	3.86	-58.		0.	2	0.001		0.	2	0.00	0.001
7280		19.37	19.37		0.	-234	4.19	-63.		0.	2	0.001		0.	2	0.00	0.001
7281		19.37	19.37		0.	-303	5.42	-81.		0.	-5	0.000		0.	2	0.00	0.001
7282		19.37	19.37		1986	-427	11.69	-71.		1561	-75	0.004		1416	4	4.97	0.016
7283		19.37	19.37		5841	-484	21.06	12.		5567	-228	0.019		5288	13	18.61	0.059
7285		19.37	19.37		2239	-124	7.78	51.		1936	-56	0.010		1646	-4	5.88	0.016
7286		19.37	19.37		0.	-96	1.71	-26.		0.	-8	0.000		0.	3	0.00	0.001
7287		19.37	19.37		0.	-114	2.04	-31.		0.	6	0.002		0.	6	0.00	0.002
7288		19.37	19.37		0.	-133	2.39	-36.		0.	5	0.002		0.	5	0.00	0.002
7289		19.37	19.37		0.	-156	2.80	-42.		0.	2	0.001		0.	5	0.00	0.002
7290		19.37	19.37		0.	-180	3.22	-48.		0.	0.	0.000		0.	4	0.00	0.002
7291		19.37	19.37		0.	-249	4.46	-67.		0.	-39	0.000		0.	2	0.00	0.001
7292		19.37	19.37		2344	-322	10.53	-35.		2159	-117	0.004		2064	4	7.28	0.023
7293		19.37	19.37		5233	-354	18.24	59.		5160	-171	0.023		5083	13	17.88	0.057
7295		19.37	19.37		1699	-453	11.57	-84.		1221	-53	0.004		1158	-7	4.16	0.011
7296		19.37	19.37		0.	-280	5.01	-75.		0.	-9	0.000		0.	-9	0.16	0.000
7297		19.37	19.37		0.	-284	5.08	-76.		0.	-7	0.000		0.	-7	0.13	0.000
7298		19.37	19.37		0.	-286	5.13	-77.		0.	-4	0.000		0.	-4	0.06	0.000
7299		19.37	19.37		0.	-290	5.20	-78.		0.	0.	0.000		0.	0.	0.01	0.000
7300		19.37	19.37		0.	-297	5.32	-80.		0.	2	0.001		0.	2	0.00	0.001
7301		19.37	19.37		0.	-338	6.06	-91.		0.	3	0.001		0.	3	0.00	0.001
7303		19.37	19.37		2027	-339	10.19	-47.		1286	-78	0.002		1020	-9	3.68	0.009
7304		19.37	19.37		0.	-222	3.98	-60.		0.	-8	0.000		0.	-8	0.15	0.000
7305		19.37	19.37		0.	-236	4.24	-64.		0.	-5	0.000		0.	-5	0.10	0.000
7306		19.37	19.37		0.	-250	4.47	-67.		0.	-2	0.000		0.	-2	0.04	0.000
7307		19.37	19.37		0.	-263	4.71	-71.		0.	1	0.000		0.	1	0.00	0.000
7308		19.37	19.37		0.	-277	4.96	-74.		0.	2	0.001		0.	2	0.00	0.001
7309		19.37	19.37		0.	-335	6.00	-90.		0.	3	0.001		0.	3	0.00	0.001
7310		19.37	19.37		1279	-475	11.11	-100.		1013	-27	0.006		997	4	3.49	0.012
7311		19.37	19.37		1391	-462	11.10	-94.		979	-37	0.004		965	4	3.37	0.011
7312		19.37	19.37		1906	-516	13.11	-97.		1560	-55	0.006		1536	5	5.39	0.018
7313		19.37	19.37		5548	-555	21.22	-27.		5179	-262	0.012		4955	12	17.44	0.055
7315		19.37	19.37		2529	-1102	24.89	-241.		1836	-285	0.000		1475	96	1.87	0.048
7316		19.37	19.37		1206	-1098	22.13	-269.		971	-194	0.000		891	87	0.00	0.040
7317		19.37	19.37		57	-950	17.14	-254.		98	-214	0.000		110	88	0.00	0.034
7318		19.37	19.37		0.	-1091	19.55	-293.		0.	-382	0.000		0.	94	0.00	0.036
7319		19.37	19.37		0.	-1086	19.46	-292.		0.	-240	0.000		0.	107	0.00	0.041
7320		19.37	19.37		0.	-1078	19.31	-290.		0.	-379	0.000		71	124	0.00	0.048
7321		19.37	19.37		398	-1070	19.99	-279.		548	-342	0.000		684	143	0.00	0.059
7322		19.37	19.37		982	-1173	23.01	-294.		1047	-321	0.000		1134	168	0.00	0.072
7323		19.37	19.37		1548	-1149	23.73	-275.		1536	-478	0.000		1522	193	0.00	0.084
7324		19.37	19.37		3039	-1142	26.65	-240.		2783	-468	0.000		2523	206	0.00	0.098
7325		19.37	19.37		11553	-1105	43.28	-43.		9578	-430	0.027		7598	246	21.94	0.159
7326		19.37	19.37		6052	-1125	32.47	-170.		4685	-506	0.000		3316	113	9.38	0.072
7327		19.37	19.37		2318	-1023	23.04	-224.		1770	-127	0.001		1578	95	2.54	0.049
7328		19.37	19.37		531	-883	16.91	-226.		495	-107	0.000		436	88	0.00	0.036
7329		19.37	19.37		0.	-812	14.54	-218.		0.	-116	0.000		0.	89	0.00	0.034

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7330		19.37	19.37	0.	-967	17.32	-260.	0.	-222	0.000	0.	94	0.00	0.036
7331		19.37	19.37	0.	-956	17.13	-257.	0.	-210	0.000	0.	104	0.00	0.040
7332		19.37	19.37	0.	-939	16.83	-252.	0.	-281	0.000	0.	118	0.00	0.046
7333		19.37	19.37	0.	-942	16.88	-253.	0.	-187	0.000	0.	132	0.00	0.051
7334		19.37	19.37	158	-1068	19.46	-284.	468	-281	0.000	499	145	0.00	0.058
7335		19.37	19.37	1408	-1087	22.35	-261.	1428	-465	0.000	1445	157	0.00	0.070
7336		19.37	19.37	3645	-1092	26.97	-213.	3356	-465	0.000	3064	162	6.26	0.087
7338		19.37	19.37	6432	-938	29.88	-111.	5211	-417	0.001	4227	105	13.12	0.078
7339		19.37	19.37	2018	-940	20.95	-208.	1625	-74	0.004	1353	92	1.45	0.046
7340		19.37	19.37	0.	-745	13.35	-200.	0.	-32	0.000	0.	87	0.00	0.033
7341		19.37	19.37	0.	-622	11.14	-167.	0.	-31	0.000	0.	87	0.00	0.033
7342		19.37	19.37	0.	-765	13.70	-205.	0.	-113	0.000	0.	90	0.00	0.035
7343		19.37	19.37	0.	-763	13.67	-205.	0.	-206	0.000	0.	95	0.00	0.037
7344		19.37	19.37	0.	-763	13.67	-205.	0.	-203	0.000	0.	100	0.00	0.038
7345		19.37	19.37	0.	-765	13.71	-206.	0.	-103	0.000	0.	103	0.00	0.040
7346		19.37	19.37	0.	-943	16.90	-254.	0.	-104	0.000	0.	104	0.00	0.040
7347		19.37	19.37	839	-958	18.88	-239.	964	-432	0.000	1086	96	0.00	0.045
7348		19.37	19.37	4104	-988	26.04	-175.	3872	-457	0.000	3635	75	11.66	0.062
7349		19.37	19.37	11471	-1012	41.44	-20.	9926	-479	0.025	8598	53	29.85	0.106
7350		19.37	19.37	6384	-731	26.08	-56.	5577	-322	0.009	4769	88	15.52	0.077
7351		19.37	19.37	2317	-737	17.91	-147.	1338	-78	0.002	1192	83	1.06	0.041
7352		19.37	19.37	0.	-540	9.68	-145.	0.	80	0.031	0.	80	0.00	0.031
7353		19.37	19.37	0.	-441	7.91	-119.	0.	79	0.030	0.	79	0.00	0.030
7354		19.37	19.37	0.	-477	8.55	-128.	0.	78	0.030	0.	78	0.00	0.030
7355		19.37	19.37	0.	-480	8.60	-129.	0.	-4	0.000	0.	76	0.00	0.029
7356		19.37	19.37	0.	-486	8.71	-131.	0.	-8	0.000	0.	71	0.00	0.027
7357		19.37	19.37	0.	-526	9.42	-141.	0.	62	0.024	0.	62	0.00	0.024
7358		19.37	19.37	0.	-785	14.06	-211.	0.	-10	0.000	0.	45	0.00	0.017
7359		19.37	19.37	805	-816	16.25	-202.	532	-399	0.000	668	18	2.03	0.013
7360		19.37	19.37	5067	-859	25.70	-120.	4461	-440	0.000	3848	-21	13.82	0.036
7362		19.37	19.37	5531	-547	21.04	-26.	5091	-240	0.013	4653	67	15.52	0.069
7363		19.37	19.37	2362	-549	14.65	-96.	1825	-159	0.000	1535	67	3.79	0.038
7364		19.37	19.37	0.	-486	8.72	-131.	0.	-4	0.000	0.	66	0.00	0.025
7365		19.37	19.37	0.	-398	7.14	-107.	0.	39	0.015	0.	63	0.00	0.024
7366		19.37	19.37	0.	-337	6.04	-91.	0.	35	0.013	0.	58	0.00	0.022
7367		19.37	19.37	0.	-346	6.20	-93.	0.	26	0.010	0.	50	0.00	0.019
7368		19.37	19.37	0.	-360	6.45	-97.	0.	13	0.005	0.	36	0.00	0.014
7369		19.37	19.37	0.	-449	8.04	-121.	0.	-7	0.000	0.	16	0.00	0.006
7370		19.37	19.37	0.	-636	11.40	-171.	0.	-129	0.000	0.	-14	0.25	0.000
7371		19.37	19.37	2041	-674	16.22	-136.	1767	-367	0.000	1489	-54	5.32	0.006
7372		19.37	19.37	5297	-691	23.15	-70.	4943	-414	0.001	4582	-107	16.64	0.028
7374		19.37	19.37	4291	-380	15.53	-8.	4043	-170	0.013	3798	41	12.91	0.052
7375		19.37	19.37	2032	-379	10.91	-57.	1763	-168	0.000	1497	43	4.47	0.030
7376		19.37	19.37	67	-381	6.96	-101.	0.	-68	0.000	0.	42	0.00	0.016
7377		19.37	19.37	0.	-337	6.04	-91.	0.	-30	0.000	0.	38	0.00	0.015
7378		19.37	19.37	0.	-281	5.03	-75.	0.	-39	0.000	0.	30	0.00	0.011
7379		19.37	19.37	0.	-295	5.28	-79.	0.	-52	0.000	0.	17	0.00	0.006
7380		19.37	19.37	0.	-314	5.63	-84.	0.	-71	0.000	0.	-2	0.04	0.000
7381		19.37	19.37	0.	-418	7.49	-112.	0.	-99	0.000	0.	-30	0.53	0.000
7382		19.37	19.37	297	-455	8.77	-116.	141	-225	0.000	24	-67	1.25	0.000
7383		19.37	19.37	2504	-451	13.18	-66.	2327	-265	0.000	2145	-80	7.65	0.008
7384		19.37	19.37	4996	-451	18.24	-12.	4841	-266	0.009	4678	-81	17.01	0.033
7385		19.37	19.37	7555	-453	26.22	135.	7526	-269	0.031	7487	-85	27.13	0.062
7758		19.37	19.37	4606	-283	15.99	76.	3046	-182	0.004	1477	39	4.52	0.028
7765		19.37	19.37	4495	-225	15.70	132.	3138	-156	0.007	1772	9	6.18	0.021
7766		19.37	19.37	1015	-297	7.38	-57.	647	-125	0.000	474	39	0.00	0.018
7767		19.37	19.37	0.	-273	4.89	-73.	0.	-27	0.000	0.	34	0.00	0.013
7768		19.37	19.37	0.	-313	5.60	-84.	0.	-41	0.000	0.	25	0.00	0.010
7769		19.37	19.37	0.	-399	7.15	-107.	0.	-111	0.000	0.	18	0.00	0.007
7770		19.37	19.37	419	-541	10.55	-136.	805	-155	0.000	900	15	2.96	0.014
7772		19.37	19.37	4430	-112	16.06	327.	3252	-103	0.015	2063	-21	7.47	0.017
7773		19.37	19.37	670	-186	4.69	-35.	409	-124	0.000	270	13	0.62	0.007
7774		19.37	19.37	0.	-215	3.86	-58.	0.	-34	0.000	0.	19	0.00	0.007
7775		19.37	19.37	0.	-268	4.80	-72.	0.	-42	0.000	0.	16	0.00	0.006
7776		19.37	19.37	0.	-359	6.44	-97.	0.	-108	0.000	0.	11	0.00	0.004
7777		19.37	19.37	290	-497	9.50	-127.	716	-149	0.000	797	14	2.61	0.013
7778		19.37	19.37	3796	-617	18.77	-82.	3166	-334	0.000	2557	46	8.34	0.041
7779		19.37	19.37	4497	-73	16.35	424.	3203	-86	0.018	2362	-23	8.54	0.020
7780		19.37	19.37	100	-115	2.26	-29.	0.	-47	0.000	0.	-19	0.34	0.000
7781		19.37	19.37	0.	-160	2.87	-43.	0.	-23	0.000	0.	-3	0.06	0.000
7782		19.37	19.37	0.	-206	3.70	-55.	0.	-22	0.000	0.	1	0.00	0.000
7783		19.37	19.37	0.	-304	5.45	-82.	0.	-67	0.000	0.	1	0.00	0.000
7784		19.37	19.37	89	-406	7.45	-107.	429	-125	0.000	497	5	1.69	0.007
7785		19.37	19.37	4085	-515	17.53	-49.	3690	-291	0.001	3350	27	11.54	0.043
7786		19.37	19.37	4324	-71	15.72	406.	3328	-78	0.020	2352	-37	8.55	0.017
7787		19.37	19.37	322	-111	2.64	-23.	0.	-13	0.000	0.	-13	0.22	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7788		19.37	19.37	0.	-140	2.52	-38.1	0.	-22	0.000	0.	-22	0.40	0.000
7789		19.37	19.37	0.	-163	2.93	-44.1	0.	-14	0.000	0.	-15	0.26	0.000
7790		19.37	19.37	0.	-256	4.59	-69.1	0.	-10	0.000	0.	-10	0.18	0.000
7791		19.37	19.37	201	-345	6.59	-88.1	108	-5	0.000	109	-4	0.39	0.000
7792		19.37	19.37	4201	-440	16.42	-26.1	3800	-229	0.005	3639	11	12.77	0.041
7793		19.37	19.37	3908	-65	14.21	366.1	3289	-68	0.021	2664	-43	9.68	0.020
7794		19.37	19.37	499	-75	2.36	-9.1	0.	-24	0.000	0.	-25	0.44	0.000
7795		19.37	19.37	0.	-123	2.21	-33.1	0.	-12	0.000	0.	-12	0.22	0.000
7796		19.37	19.37	0.	-144	2.58	-39.1	0.	-5	0.000	0.	-5	0.09	0.000
7797		19.37	19.37	0.	-233	4.18	-63.1	0.	-20	0.000	0.	-20	0.35	0.000
7798		19.37	19.37	511	-304	6.49	-71.1	146	-4	0.001	143	-12	0.52	0.000
7800		19.37	19.37	3373	-53	12.26	323.1	3030	-56	0.021	2684	-39	9.75	0.020
7801		19.37	19.37	560	-34	1.94	9.1	0.	-26	0.000	0.	-29	0.51	0.000
7802		19.37	19.37	0.	-44	0.78	-12.1	0.	-21	0.000	0.	-21	0.38	0.000
7803		19.37	19.37	0.	-67	1.20	-18.1	0.	-14	0.000	0.	-15	0.27	0.000
7804		19.37	19.37	0.	-174	3.12	-47.1	0.	-8	0.000	0.	-9	0.17	0.000
7805		19.37	19.37	702	-254	5.98	-53.1	556	-22	0.002	556	-1	1.98	0.006
7807		19.37	19.37	2831	-37	10.27	288.1	2654	-42	0.020	2478	-31	8.99	0.020
7808		19.37	19.37	595	-2	2.13	74.1	124	-25	0.000	100	-27	0.69	0.000
7809		19.37	19.37	0.	3	0.00	8.1	0.	-24	0.000	0.	-25	0.44	0.000
7810		19.37	19.37	0.	-3	0.05	-1.1	0.	-5	0.000	0.	-21	0.38	0.000
7811		19.37	19.37	0.	-57	1.02	-15.1	0.	-1	0.000	0.	-16	0.29	0.000
7812		19.37	19.37	858	-117	3.84	-13.1	839	-15	0.006	866	-9	3.14	0.007
7814		19.37	19.37	2385	-17	8.59	277.1	2261	-28	0.018	2142	-16	7.72	0.019
7815		19.37	19.37	650	19	1.93	138.1	341	-13	0.001	280	-20	0.98	0.000
7816		19.37	19.37	0.	33	0.00	86.1	0.	-22	0.000	0.	-22	0.39	0.000
7817		19.37	19.37	0.	57	0.00	148.1	0.	11	0.004	0.	-21	0.38	0.000
7818		19.37	19.37	0.	37	0.00	97.1	0.	18	0.007	0.	-18	0.32	0.000
7819		19.37	19.37	892	-16	3.25	82.1	961	-12	0.008	994	-12	3.61	0.008
7821		19.37	19.37	3557	-784	21.28	-133.1	2303	-323	0.000	1401	64	3.36	0.036
7824		19.37	19.37	2584	-723	18.21	-138.1	1933	-340	0.000	1462	65	3.57	0.037
7841		19.37	19.37	6892	-459	24.00	83.1	6091	-216	0.025	5391	5	19.07	0.058
7842		19.37	19.37	6072	-426	21.24	57.1	5295	-202	0.020	4829	3	17.10	0.051
7850		19.37	19.37	2452	-644	16.52	-119.1	2346	-143	0.003	2379	205	0.00	0.096
7851		19.37	19.37	1941	-669	15.94	-137.1	2006	-185	0.000	2112	147	1.92	0.073
7852		19.37	19.37	1791	-614	14.64	-126.1	1921	-137	0.001	2035	56	6.17	0.039
7853		19.37	19.37	1289	-619	13.72	-138.1	1489	-172	0.000	1633	26	5.40	0.025
7855		19.37	19.37	0.	-578	10.35	-155.1	0.	-72	0.000	0.	65	0.00	0.025
7856		19.37	19.37	0.	-551	9.86	-148.1	0.	-214	0.000	0.	60	0.00	0.023
7857		19.37	19.37	0.	-434	7.77	-117.1	0.	-165	0.000	0.	50	0.00	0.019
7858		19.37	19.37	974	-415	9.41	-90.1	720	-227	0.000	458	23	0.98	0.013
7860		19.37	19.37	5812	-347	20.17	106.1	4083	-205	0.009	2346	-13	8.43	0.022
7862		19.37	19.37	3522	-659	18.96	-100.1	3378	-221	0.003	3231	217	3.64	0.108
7863		19.37	19.37	2151	-605	15.21	-115.1	2148	-157	0.001	2244	177	0.00	0.085
7864		19.37	19.37	1349	-613	13.72	-135.1	1577	-119	0.001	1673	130	0.00	0.063
7865		19.37	19.37	1030	-521	11.43	-117.1	1242	-91	0.001	1333	62	3.12	0.035
7866		19.37	19.37	388	-516	10.03	-130.1	640	-125	0.000	752	21	2.26	0.015
7867		19.37	19.37	0.	-448	8.02	-120.1	0.	-119	0.000	0.	29	0.00	0.011
7868		19.37	19.37	0.	-472	8.46	-127.1	0.	-35	0.000	0.	52	0.00	0.020
7869		19.37	19.37	0.	-445	7.97	-120.1	0.	-167	0.000	0.	46	0.00	0.018
7870		19.37	19.37	0.	-345	6.18	-93.1	0.	-143	0.000	0.	34	0.00	0.013
7871		19.37	19.37	471	-317	6.64	-75.1	306	-182	0.000	116	3	0.34	0.002
7872		19.37	19.37	2214	-236	8.74	-15.1	1610	-148	0.000	1265	-2	4.51	0.013
7873		19.37	19.37	5804	-261	20.43	213.1	4234	-163	0.016	2654	-31	9.62	0.022
7874		19.37	19.37	11467	-633	39.86	263.1	9626	-247	0.055	7819	140	25.55	0.125
7875		19.37	19.37	3781	-603	18.48	-79.1	3694	-227	0.005	3605	149	9.27	0.087
7876		19.37	19.37	1726	-580	13.91	-118.1	1857	-227	0.000	1992	127	2.72	0.065
7877		19.37	19.37	559	-562	11.20	-139.1	958	-108	0.000	1040	98	0.00	0.045
7878		19.37	19.37	0.	-422	7.56	-113.1	218	-92	0.000	303	60	0.00	0.025
7879		19.37	19.37	0.	-411	7.36	-110.1	0.	-119	0.000	0.	14	0.00	0.005
7880		19.37	19.37	0.	-358	6.42	-96.1	0.	-107	0.000	0.	18	0.00	0.007
7881		19.37	19.37	0.	-356	6.37	-96.1	0.	-58	0.000	0.	30	0.00	0.011
7882		19.37	19.37	0.	-322	5.76	-86.1	0.	-150	0.000	0.	24	0.00	0.009
7883		19.37	19.37	0.	-234	4.20	-63.1	0.	-128	0.000	0.	4	0.00	0.001
7884		19.37	19.37	0.	-171	3.07	-46.1	0.	-112	0.000	0.	-9	0.15	0.000
7885		19.37	19.37	1802	-139	6.39	9.1	1224	-99	0.000	1070	-28	3.88	0.006
7886		19.37	19.37	6009	-91	21.84	582.1	4554	-80	0.032	3086	-59	11.22	0.021
7888		19.37	19.37	4477	-545	18.87	-48.1	4142	-245	0.006	4018	57	13.43	0.060
7889		19.37	19.37	1200	-494	11.29	-106.1	1363	-215	0.000	1532	65	3.87	0.038
7890		19.37	19.37	0.	-454	8.13	-122.1	6	-24	0.000	67	54	0.00	0.021
7891		19.37	19.37	0.	-299	5.35	-80.1	0.	-40	0.000	0.	33	0.00	0.013
7892		19.37	19.37	0.	-281	5.03	-75.1	0.	-60	0.000	0.	6	0.00	0.002
7893		19.37	19.37	0.	-254	4.55	-68.1	0.	-44	0.000	0.	5	0.00	0.002
7894		19.37	19.37	0.	-224	4.01	-60.1	0.	-51	0.000	0.	8	0.00	0.003
7895		19.37	19.37	0.	-183	3.29	-49.1	0.	-57	0.000	0.	-4	0.07	0.000
7896		19.37	19.37	0.	-126	2.26	-34.1	0.	-14	0.000	0.	-14	0.25	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7897		19.37	19.37	0.	-100	1.80	-27.1	0.	-31	0.000	0.	-32	0.57	0.000
7898		19.37	19.37	1369	-74	4.76	33.1	816	-64	0.000	673	-52	2.39	0.000
7899		19.37	19.37	5369	-52	19.42	592.1	4338	-58	0.034	3292	-64	11.97	0.022
7901		19.37	19.37	5099	-511	19.52	-25.1	4424	-269	0.006	3868	-27	13.93	0.035
7902		19.37	19.37	1185	-441	10.30	-92.1	966	-221	0.000	1095	-1	3.89	0.011
7903		19.37	19.37	0.	-382	6.84	-103.1	0.	7	0.003	0.	6	0.00	0.002
7904		19.37	19.37	0.	-201	3.60	-54.1	0.	1	0.001	0.	1	0.00	0.001
7905		19.37	19.37	0.	-180	3.22	-48.1	0.	-11	0.000	0.	-11	0.20	0.000
7906		19.37	19.37	0.	-160	2.86	-43.1	0.	-13	0.000	0.	-13	0.24	0.000
7907		19.37	19.37	0.	-139	2.49	-37.1	0.	-11	0.000	0.	-12	0.21	0.000
7908		19.37	19.37	0.	-117	2.10	-32.1	0.	-19	0.000	0.	-19	0.33	0.000
7909		19.37	19.37	0.	-97	1.74	-26.1	0.	-31	0.000	0.	-31	0.56	0.000
7910		19.37	19.37	0.	-81	1.46	-22.1	0.	-47	0.000	0.	-47	0.84	0.000
7911		19.37	19.37	1591	-76	5.58	52.1	421	-61	0.000	227	-62	1.57	0.000
7912		19.37	19.37	4904	-40	17.70	559.1	3919	-49	0.031	3175	-58	11.54	0.022
7914		19.37	19.37	5124	-483	19.06	-17.1	4643	-289	0.006	4162	-95	15.12	0.026
7915		19.37	19.37	1876	-406	11.09	-68.1	1536	-229	0.000	1209	-60	4.23	0.003
7916		19.37	19.37	0.	-342	6.13	-92.1	0.	-64	0.000	0.	-39	0.71	0.000
7917		19.37	19.37	0.	-204	3.66	-55.1	0.	-30	0.000	0.	-30	0.54	0.000
7918		19.37	19.37	0.	-166	2.97	-45.1	0.	-29	0.000	0.	-29	0.52	0.000
7919		19.37	19.37	0.	-136	2.44	-37.1	0.	-26	0.000	0.	-26	0.47	0.000
7920		19.37	19.37	0.	-117	2.09	-31.1	0.	-26	0.000	0.	-26	0.47	0.000
7921		19.37	19.37	0.	-100	1.80	-27.1	0.	-33	0.000	0.	-33	0.59	0.000
7922		19.37	19.37	0.	-75	1.35	-20.1	0.	-44	0.000	0.	-44	0.79	0.000
7923		19.37	19.37	0.	-53	0.94	-14.1	0.	-52	0.000	0.	-52	0.94	0.000
7924		19.37	19.37	1982	-58	7.16	129.1	1123	-58	0.002	571	-53	2.11	0.000
7925		19.37	19.37	4684	-20	16.78	579.1	4040	-36	0.035	3380	-52	12.28	0.025
7926		19.37	19.37	7773	-536	27.14	80.1	7467	-359	0.019	7163	-141	26.05	0.048
7927		19.37	19.37	4833	-452	17.93	-15.1	4534	-300	0.004	4236	-114	15.34	0.023
7928		19.37	19.37	2182	-379	11.22	-54.1	1934	-244	0.000	1688	-87	5.89	0.004
7929		19.37	19.37	0.	-314	5.63	-84.1	0.	-94	0.000	0.	-62	1.12	0.000
7930		19.37	19.37	0.	-201	3.60	-54.1	0.	-45	0.000	0.	-44	0.79	0.000
7931		19.37	19.37	0.	-141	2.53	-38.1	0.	-31	0.000	0.	-34	0.60	0.000
7932		19.37	19.37	0.	-97	1.74	-26.1	0.	-31	0.000	0.	-31	0.55	0.000
7933		19.37	19.37	0.	-64	1.14	-17.1	0.	-34	0.000	0.	-34	0.61	0.000
7934		19.37	19.37	0.	-39	0.69	-10.1	0.	-38	0.000	0.	-38	0.67	0.000
7935		19.37	19.37	0.	-25	0.45	-7.1	0.	-40	0.000	0.	-40	0.71	0.000
7936		19.37	19.37	0.	-20	0.36	-5.1	0.	-42	0.000	0.	-42	0.76	0.000
7937		19.37	19.37	2188	-42	7.96	191.1	1694	-46	0.009	1189	-45	4.24	0.004
7938		19.37	19.37	4186	6	14.78	576.1	3767	-21	0.035	3335	-47	12.11	0.026
7951		19.37	19.37	12335	-745	42.80	215.1	10006	-220	0.063	7667	306	20.12	0.181
7952		19.37	19.37	9253	-678	32.55	68.1	7728	-182	0.047	6195	315	13.32	0.171
7956		19.37	19.37	10129	-618	35.15	171.1	8811	-295	0.039	7535	29	26.39	0.087
8450		19.37	19.37	1475	-295	8.28	-47.1	1021	-135	0.000	704	61	0.00	0.029
8451		19.37	19.37	1158	-437	10.19	-92.1	712	-132	0.000	563	62	0.00	0.028
8454		19.37	19.37	0.	-296	5.30	-79.1	54	-62	0.000	51	43	0.00	0.017
8455		19.37	19.37	0.	-386	6.91	-104.1	0.	-98	0.000	0.	46	0.00	0.018
8457		19.37	19.37	90	-346	6.38	-91.1	0.	-127	0.000	0.	55	0.00	0.021
8458		19.37	19.37	0.	-338	6.06	-91.1	0.	-69	0.000	0.	31	0.00	0.012
8459		19.37	19.37	0.	-438	7.86	-118.1	0.	-128	0.000	0.	29	0.00	0.011
8461		19.37	19.37	0.	-398	7.13	-107.1	0.	-126	0.000	0.	35	0.00	0.013
8462		19.37	19.37	0.	-430	7.71	-116.1	206	-126	0.000	336	21	0.47	0.011
8463		19.37	19.37	0.	-500	8.95	-134.1	0.	-139	0.000	122	17	0.00	0.007
8465		19.37	19.37	0.	-457	8.18	-123.1	0.	-129	0.000	76	19	0.00	0.008
8466		19.37	19.37	640	-594	11.94	-146.1	962	-193	0.000	1082	19	3.55	0.017
8469		19.37	19.37	385	-558	10.78	-142.1	666	-165	0.000	831	14	2.74	0.013
8470		19.37	19.37	3600	-707	19.98	-111.1	2698	-325	0.000	2006	62	5.88	0.041
8471		19.37	19.37	5795	-899	27.90	-115.1	4388	-422	0.000	3000	38	10.10	0.043
8472		19.37	19.37	2707	-72	9.80	192.1	2905	-49	0.021	2991	-4	10.64	0.030
8473		19.37	19.37	4885	-111	17.74	388.1	4656	-52	0.039	4426	-8	15.77	0.045
8474		19.37	19.37	3272	-200	11.36	55.1	3337	-73	0.021	3399	-9	12.13	0.034
8475		19.37	19.37	3343	-325	12.61	-14.1	3320	-142	0.010	3294	-7	11.74	0.033
8476		19.37	19.37	3921	-361	14.44	-11.1	3845	-157	0.013	3764	-4	13.39	0.039
8477		19.37	19.37	3634	-379	14.18	-22.1	3458	-200	0.005	3276	1	11.61	0.035
8478		19.37	19.37	4228	-417	16.07	-19.1	4011	-207	0.009	3837	3	13.57	0.041
8479		19.37	19.37	6732	-382	23.38	142.1	6048	-180	0.030	5484	-1	19.46	0.057
8480		19.37	19.37	6277	-312	21.94	187.1	5779	-148	0.033	5281	-5	18.78	0.054
8481		19.37	19.37	5702	-217	20.31	275.1	5394	-103	0.037	5086	-9	18.12	0.051
8482		19.37	19.37	3100	-691	18.68	-118.1	2971	-218	0.002	2837	256	0.00	0.119
8483		19.37	19.37	3061	-718	19.09	-126.1	2805	-217	0.001	2543	285	0.00	0.127
8485		19.37	19.37	5442	-730	24.15	-77.1	4608	-215	0.012	3767	301	0.00	0.144
8486		19.37	19.37	363	-521	10.07	-132.1	704	-151	0.000	821	35	2.07	0.020
8487		19.37	19.37	144	-607	11.16	-160.1	411	-177	0.000	550	46	0.00	0.022
8489		19.37	19.37	371	-646	12.32	-165.1	572	-183	0.000	681	36	1.39	0.019
8490		19.37	19.37	2171	-260	9.07	-22.1	1737	-158	0.000	1378	-6	4.93	0.013
8491		19.37	19.37	3053	-431	13.94	-49.1	2197	-241	0.000	1390	17	4.70	0.020

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8493		19.37	19.37	1788	-478	12.19	-89.1	1385	-269	0.000	987	15	3.27	0.015
8494		19.37	19.37	11938	-1078	43.58	-28.1	10107	-450	0.029	8269	178	26.34	0.143
8495		19.37	19.37	10321	-676	35.90	133.1	8760	-215	0.051	7190	247	20.28	0.156
8496		19.37	19.37	10534	-622	36.55	197.1	9419	-324	0.040	8301	-25	29.66	0.082
8497		19.37	19.37	9460	-607	32.87	132.1	8612	-344	0.030	7763	-81	28.10	0.065
8498		19.37	19.37	8488	-572	29.59	97.1	7979	-363	0.022	7470	-153	27.16	0.049
8499		19.37	19.37	9224	-598	32.07	124.1	8605	-360	0.028	7986	-121	29.02	0.060
8500		19.37	19.37	10411	-931	37.85	-22.1	9595	-509	0.019	8767	-87	31.72	0.075
8501		19.37	19.37	8947	-703	31.86	39.1	8683	-426	0.021	8406	-149	30.57	0.059
8502		19.37	19.37	1713	65	4.63	402.1	1475	22	0.022	1302	-20	4.73	0.010
8504		19.37	19.37	2672	40	8.89	462.1	2418	6	0.027	2156	-28	7.82	0.017
8505		19.37	19.37	2240	71	6.50	490.1	1988	22	0.028	1730	-27	6.29	0.013
9526		19.37	19.37	5301	-1111	30.68	-182.1	3661	-549	0.000	2014	22	6.85	0.028
9527		19.37	19.37	5590	-1010	29.46	-149.1	4379	-502	0.000	3161	19	10.98	0.039
9528		19.37	19.37	2908	-1090	25.44	-229.1	1359	-203	0.000	1148	15	3.87	0.016
9530		19.37	19.37	2685	-1086	24.92	-233.1	1670	-316	0.000	1161	114	0.00	0.052
9531		19.37	19.37	5842	-1211	33.58	-197.1	4294	-545	0.000	2749	116	6.96	0.067
9532		19.37	19.37	5205	-1299	33.85	-235.1	3460	-594	0.000	1709	112	2.17	0.056

ARMATURA INFERIORE VERTICALE

GUSCI	COMBINAZIONE RARA			COMB. FREQUENTE			COMB. QUASI PERMANENTE							
	Af	Afc	Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP	
2709		15.83	15.83	768	114	0.00	494.1	691	-1	0.009	637	-68	2.56	0.000
2710		15.83	15.83	649	100	0.00	429.1	574	-6	0.006	535	-57	2.17	0.000
2711		15.83	15.83	385	99	0.00	380.1	289	2	0.005	247	-43	1.30	0.000
2712		15.83	15.83	320	107	0.00	395.1	186	10	0.007	110	-38	0.92	0.000
2713		15.83	15.83	602	127	0.00	507.1	428	22	0.016	322	-39	1.38	0.000
2714		15.83	15.83	762	136	0.00	565.1	623	15	0.015	504	-37	1.83	0.000
2715		15.83	15.83	735	95	0.00	428.1	452	-9	0.004	386	-32	1.43	0.000
2716		15.83	15.83	1076	39	3.34	302.1	772	6	0.013	581	-24	2.19	0.003
2717		15.83	15.83	1267	54	3.59	385.1	955	29	0.026	764	-12	3.03	0.008
2718		15.83	15.83	1152	56	2.93	373.1	865	31	0.026	718	2	2.79	0.011
2719		15.83	15.83	453	31	0.58	175.1	144	22	0.013	67	9	0.00	0.005
2720		15.83	15.83	227	15	0.36	85.1	0.	15	0.008	0.	11	0.00	0.006
2721		15.83	15.83	253	8	0.81	69.1	0.	5	0.003	0.	11	0.00	0.006
2722		15.83	15.83	544	11	1.95	125.1	172	2	0.003	42	7	0.00	0.004
2723		15.83	15.83	1261	24	4.56	282.1	898	7	0.015	676	5	2.58	0.012
2724		15.83	15.83	1458	47	4.74	389.1	1174	20	0.025	896	11	3.36	0.017
2725		15.83	15.83	1281	61	3.32	411.1	1032	31	0.028	784	24	2.57	0.022
2726		15.83	15.83	1262	65	3.01	422.1	996	37	0.030	731	35	1.90	0.026
2727		15.83	15.83	1510	60	4.49	442.1	1217	37	0.033	925	44	2.43	0.033
2728		15.83	15.83	1506	46	4.97	395.1	1205	33	0.031	905	51	1.92	0.036
2729		15.83	15.83	1001	32	3.24	269.1	706	28	0.022	421	56	0.00	0.033
2730		15.83	15.83	688	27	2.05	201.1	443	26	0.018	199	52	0.00	0.028
2731		15.83	15.83	564	33	1.13	200.1	337	33	0.020	109	48	0.00	0.025
2732		15.83	15.83	623	53	0.00	276.1	390	51	0.030	158	54	0.00	0.029
2733		15.83	15.83	1069	92	0.00	478.1	766	87	0.052	472	81	0.00	0.046
2734		15.83	15.83	1563	154	0.00	762.1	1273	146	0.088	981	139	0.00	0.081
2735		15.83	15.83	1778	239	0.00	1066.1	1478	228	0.131	1178	223	0.00	0.125
2736		15.83	15.83	1807	303	0.00	1273.1	1498	284	0.160	1189	270	0.00	0.149
2737		15.83	15.83	1572	338	0.00	1344.1	1268	318	0.174	964	298	0.00	0.161
2738		15.83	15.83	1383	343	0.00	1326.1	1148	325	0.177	911	307	0.00	0.166
2739		15.83	15.83	1782	316	0.00	1312.1	1457	307	0.171	1131	297	0.00	0.163
2740		15.83	15.83	1898	262	0.00	1160.1	1470	266	0.150	1084	270	0.00	0.148
2741		15.83	15.83	1673	187	0.00	884.1	1112	200	0.113	783	207	0.00	0.113
2742		15.83	15.83	935	128	0.00	570.1	289	139	0.074	59	146	0.00	0.076
2743		15.83	15.83	370	89	0.00	345.1	0.	87	0.045	0.	91	0.00	0.047
2744		15.83	15.83	70	69	0.00	231.1	0.	46	0.024	0.	46	0.00	0.024
2745		15.83	15.83	0.	66	0.00	208.1	0.	13	0.007	0.	13	0.00	0.007
2746		15.83	15.83	0.	87	0.00	276.1	0.	-5	0.000	0.	-5	0.09	0.000
2747		15.83	15.83	422	130	0.00	485.1	0.	-5	0.000	0.	-24	0.44	0.000
2748		15.83	15.83	1080	181	0.00	762.1	624	29	0.022	496	-46	1.88	0.000
2749		15.83	15.83	1314	238	0.00	982.1	858	52	0.036	683	-61	2.53	0.000
2750		15.83	15.83	1527	306	0.00	1234.1	1089	84	0.055	848	-73	3.17	0.000
2751		15.83	15.83	881	344	0.00	1242.1	792	321	0.172	702	299	0.00	0.160
2752		15.83	15.83	1327	395	0.00	1479.1	1150	358	0.194	972	322	0.00	0.174
2753		15.83	15.83	1592	403	0.00	1551.1	1328	365	0.199	1063	326	0.00	0.177
2754		15.83	15.83	1544	308	0.00	1245.1	1239	275	0.152	933	242	0.00	0.132
2755		15.83	15.83	1139	232	0.00	933.1	763	196	0.107	443	164	0.00	0.088
2756		15.83	15.83	616	176	0.00	664.1	305	123	0.066	121	89	0.00	0.047
2757		15.83	15.83	352	132	0.00	479.1	93	61	0.032	0.	37	0.00	0.019
2758		15.83	15.83	223	102	0.00	360.1	0.	8	0.004	0.	7	0.00	0.004
2759		15.83	15.83	235	89	0.00	323.1	18	-3	0.000	3	-3	0.06	0.000
2760		15.83	15.83	555	101	0.00	417.1	265	5	0.006	201	-15	0.73	0.000
2761		15.83	15.83	905	117	0.00	527.1	713	34	0.025	613	-31	2.24	0.002

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2762		15.83	15.83		949	165	0.00	689.		749	55	0.036		612	-42	2.21	0.001	
2764		15.83	15.83		672	73	0.00	349.		615	0.	0.009		546	-50	2.06	0.000	
2765		15.83	15.83		526	75	0.00	329.		504	-6	0.005		456	-42	1.71	0.000	
2766		15.83	15.83		275	78	0.00	294.		240	4	0.005		222	-28	0.97	0.000	
2767		15.83	15.83		231	102	0.00	362.		126	5	0.004		95	-24	0.64	0.000	
2768		15.83	15.83		525	117	0.00	460.		334	-3	0.004		267	-16	0.96	0.000	
2769		15.83	15.83		561	119	0.00	475.		467	-8	0.005		417	-16	1.59	0.002	
2770		15.83	15.83		592	84	0.00	369.		366	10	0.010		315	-14	1.17	0.001	
2771		15.83	15.83		896	51	1.84	316.		648	25	0.020		518	-9	2.05	0.005	
2772		15.83	15.83		1060	71	1.38	409.		836	33	0.026		706	-1	2.77	0.010	
2773		15.83	15.83		920	54	1.81	329.		780	27	0.023		676	8	2.53	0.013	
2774		15.83	15.83		317	32	0.00	155.		200	16	0.011		185	13	0.15	0.009	
2775		15.83	15.83		153	25	0.00	106.		60	15	0.008		40	14	0.00	0.007	
2776		15.83	15.83		204	20	0.00	100.		84	9	0.005		31	7	0.00	0.004	
2777		15.83	15.83		529	13	1.85	127.		317	5	0.007		183	2	0.70	0.003	
2778		15.83	15.83		1128	19	4.14	243.		912	8	0.016		697	-1	2.73	0.009	
2779		15.83	15.83		1243	43	3.93	343.		1039	20	0.023		856	4	3.30	0.014	
2780		15.83	15.83		1000	63	1.67	371.		841	34	0.027		704	13	2.55	0.016	
2781		15.83	15.83		847	70	0.00	371.		662	42	0.029		503	22	1.41	0.017	
2782		15.83	15.83		1130	67	2.16	407.		915	44	0.033		726	28	2.20	0.023	
2783		15.83	15.83		1224	55	3.34	381.		1011	41	0.032		698	29	2.01	0.023	
2784		15.83	15.83		848	31	2.62	240.		641	26	0.021		455	24	1.06	0.017	
2785		15.83	15.83		551	18	1.77	149.		417	18	0.014		288	20	0.34	0.013	
2786		15.83	15.83		416	16	1.26	119.		312	16	0.012		209	18	0.00	0.012	
2787		15.83	15.83		458	26	0.97	160.		347	25	0.016		238	24	0.00	0.015	
2788		15.83	15.83		941	56	1.82	338.		788	51	0.035		599	47	0.00	0.031	
2789		15.83	15.83		1222	120	0.00	594.		1041	112	0.068		859	103	0.00	0.061	
2790		15.83	15.83		1419	237	0.00	997.		1203	224	0.126		986	211	0.00	0.117	
2791		15.83	15.83		1416	287	0.00	1156.		1179	272	0.150		944	257	0.00	0.140	
2792		15.83	15.83		1176	317	0.00	1207.		944	299	0.162		713	282	0.00	0.151	
2807		15.83	15.83		307	49	2.22	270.		242	3	0.005		177	-40	2.20	0.000	
2808		15.83	15.83		195	39	0.85	198.		176	-3	0.002		153	-21	1.51	0.000	
2809		15.83	15.83		90	53	0.00	202.		83	-6	0.000		79	-13	0.85	0.000	
2810		15.83	15.83		135	74	0.00	287.		60	11	0.004		39	-4	0.40	0.000	
2811		15.83	15.83		243	102	0.00	418.		164	29	0.012		98	-1	1.12	0.001	
2812		15.83	15.83		260	114	0.00	464.		203	-3	0.003		162	-3	1.84	0.002	
2813		15.83	15.83		272	113	0.00	464.		183	15	0.007		190	-9	2.10	0.002	
2814		15.83	15.83		241	19	2.55	140.		170	2	0.003		100	-19	1.13	0.000	
2815		15.83	15.83		155	7	1.73	73.		130	0.	0.002		98	-4	1.09	0.001	
2816		15.83	15.83		55	17	0.00	77.		74	-1	0.001		74	-2	0.84	0.001	
2817		15.83	15.83		110	33	0.00	146.		34	3	0.002		28	2	0.31	0.001	
2818		15.83	15.83		139	37	0.00	171.		94	2	0.002		63	3	0.71	0.002	
2819		15.83	15.83		83	85	0.00	301.		115	1	0.002		102	6	1.11	0.004	
2820		15.83	15.83		100	135	0.00	465.		78	34	0.012		94	12	0.82	0.005	
2821		15.83	15.83		417	79	2.22	408.		290	39	0.017		219	-3	2.50	0.003	
2822		15.83	15.83		396	69	2.50	369.		332	37	0.017		281	8	3.19	0.007	
2823		15.83	15.83		278	28	2.76	184.		243	19	0.010		231	13	2.54	0.008	
2824		15.83	15.83		109	14	0.96	84.		76	12	0.005		76	12	0.53	0.005	
2825		15.83	15.83		62	13	0.25	64.		28	11	0.004		26	11	0.00	0.004	
2826		15.83	15.83		86	13	0.66	74.		41	11	0.004		22	7	0.00	0.002	
2827		15.83	15.83		220	14	2.40	117.		133	11	0.006		71	2	0.81	0.002	
2828		15.83	15.83		375	15	4.21	168.		295	12	0.008		216	-1	2.47	0.003	
2829		15.83	15.83		484	23	5.40	230.		403	10	0.009		326	-1	3.73	0.005	
2830		15.83	15.83		460	71	3.50	394.		400	37	0.018		350	11	3.96	0.009	
2831		15.83	15.83		264	92	0.00	396.		146	39	0.014		58	15	0.00	0.006	
2832		15.83	15.83		286	33	2.68	205.		207	22	0.010		142	11	1.51	0.006	
2833		15.83	15.83		203	5	2.31	80.		171	7	0.005		156	8	1.72	0.005	
2834		15.83	15.83		78	4	0.87	37.		56	5	0.003		56	5	0.56	0.003	
2835		15.83	15.83		35	4	0.35	24.		26	4	0.002		26	3	0.24	0.001	
2836		15.83	15.83		48	4	0.49	30.		29	4	0.002		22	0.	0.25	0.000	
2837		15.83	15.83		174	5	1.97	73.		112	5	0.003		57	-1	0.65	0.001	
2838		15.83	15.83		249	6	2.83	99.		200	6	0.005		156	-2	1.78	0.002	
2839		15.83	15.83		291	8	3.31	119.		251	1	0.004		226	-1	2.59	0.003	
2840		15.83	15.83		212	72	0.00	311.		198	29	0.012		197	22	1.87	0.010	
2841		15.83	15.83		352	104	0.00	469.		273	70	0.026		240	28	2.23	0.013	
2842		15.83	15.83		453	106	0.13	512.		368	77	0.030		275	36	2.42	0.015	
2843		15.83	15.83		456	64	3.80	367.		381	48	0.021		301	26	3.09	0.013	
2844		15.83	15.83		359	26	3.82	204.		266	19	0.010		190	14	2.03	0.007	
2845		15.83	15.83		212	9	2.37	98.		161	8	0.005		115	7	1.25	0.004	
2846		15.83	15.83		148	4	1.68	59.		114	4	0.003		81	5	0.89	0.003	
2847		15.83	15.83		150	4	1.70	60.		117	4	0.003		86	5	0.95	0.003	
2848		15.83	15.83		262	12	2.92	123.		223	10	0.007		184	10	2.04	0.006	
2849		15.83	15.83		354	56	2.61	308.		311	41	0.018		267	32	2.47	0.014	
2850		15.83	15.83		445	166	0.00	700.		396	151	0.052		346	133	0.00	0.046	
2851		15.83	15.83		520	327	0.00	1237.		457	301	0.097		393	275	0.00	0.088	
2852		15.83	15.83		513	367	0.00	1360.		428	348	0.111		379	325	0.00	0.102	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2853		15.83	15.83		65	92	0.00	315.		44	55	0.017		57	37	0.00	0.012	
2854		15.83	15.83		143	80	0.00	308.		67	48	0.015		26	31	0.00	0.010	
2855		15.83	15.83		249	24	2.49	163.		202	13	0.007		132	6	1.47	0.004	
2856		15.83	15.83		218	5	2.48	85.		144	2	0.003		109	1	1.25	0.002	
2857		15.83	15.83		110	0.	1.26	36.		71	0.	0.001		66	0.	0.75	0.001	
2858		15.83	15.83		59	0.	0.67	17.		42	0.	0.001		42	0.	0.48	0.001	
2859		15.83	15.83		61	0.	0.70	18.		45	0.	0.001		43	0.	0.49	0.001	
2860		15.83	15.83		154	1	1.76	51.		131	1	0.002		118	1	1.35	0.002	
2861		15.83	15.83		229	7	2.59	96.		199	6	0.005		173	5	1.97	0.004	
2862		15.83	15.83		295	55	1.61	287.		256	32	0.014		218	22	2.15	0.010	
2863		15.83	15.83		341	240	0.00	893.		286	220	0.070		232	200	0.00	0.063	
2864		15.83	15.83		346	328	0.00	1173.		274	309	0.095		231	289	0.00	0.088	
2865		15.83	15.83		451	418	0.00	1497.		383	377	0.123		379	369	0.00	0.119	
2866		15.83	15.83		591	496	0.00	1800.		518	446	0.162		456	426	0.00	0.150	
2867		15.83	15.83		698	401	0.00	1542.		572	358	0.122		455	322	0.00	0.103	
2868		15.83	15.83		676	297	0.00	1204.		533	255	0.085		389	214	0.00	0.070	
2869		15.83	15.83		571	210	0.00	890.		418	168	0.058		247	126	0.00	0.042	
2870		15.83	15.83		365	152	0.00	624.		230	107	0.036		106	63	0.00	0.020	
2871		15.83	15.83		232	117	0.00	461.		120	60	0.020		35	15	0.00	0.005	
2872		15.83	15.83		152	92	0.00	350.		49	15	0.005		7	-3	0.13	0.000	
2873		15.83	15.83		120	64	0.00	251.		32	-12	0.000		22	-4	0.25	0.000	
2874		15.83	15.83		219	59	0.00	272.		106	-6	0.001		97	-12	0.98	0.000	
2875		15.83	15.83		296	68	0.25	332.		237	6	0.005		212	-21	2.17	0.000	
2876		15.83	15.83		375	133	0.00	568.		308	50	0.021		252	-31	2.56	0.000	
2877		15.83	15.83		409	192	0.00	769.		336	78	0.030		263	-36	2.59	0.000	
2878		15.83	15.83		304	399	0.00	1382.		230	366	0.111		218	369	0.00	0.112	
2879		15.83	15.83		337	491	0.00	1685.		352	439	0.151		343	434	0.00	0.148	
2880		15.83	15.83		478	364	0.00	1338.		430	314	0.100		392	291	0.00	0.093	
2881		15.83	15.83		532	253	0.00	1009.		453	207	0.070		380	169	0.00	0.057	
2882		15.83	15.83		509	171	0.00	742.		417	128	0.046		325	84	0.00	0.031	
2883		15.83	15.83		413	119	0.00	540.		285	76	0.028		180	32	1.10	0.013	
2884		15.83	15.83		279	92	0.00	400.		179	39	0.015		113	1	1.29	0.002	
2885		15.83	15.83		186	65	0.00	280.		113	-1	0.002		85	-5	0.92	0.001	
2886		15.83	15.83		154	49	0.00	215.		96	-10	0.000		90	-3	1.01	0.001	
2887		15.83	15.83		234	44	1.26	229.		182	-9	0.001		153	-10	1.64	0.001	
2888		15.83	15.83		291	47	2.09	257.		244	-1	0.004		214	-19	2.22	0.001	
2889		15.83	15.83		326	87	0.00	403.		272	28	0.013		218	-26	2.21	0.000	
2890		15.83	15.83		337	151	0.00	609.		273	61	0.023		209	-29	2.07	0.000	
2892		15.83	15.83		178	527	0.00	1735.		312	423	0.142		312	423	0.00	0.142	
2893		15.83	15.83		352	336	0.00	1199.		371	244	0.079		360	230	0.00	0.074	
2894		15.83	15.83		410	190	0.00	762.		376	130	0.046		345	103	0.00	0.037	
2895		15.83	15.83		410	114	0.00	523.		356	76	0.029		303	37	2.75	0.016	
2896		15.83	15.83		371	78	1.24	391.		282	41	0.017		191	3	2.18	0.004	
2897		15.83	15.83		267	58	0.70	288.		179	16	0.008		126	-2	1.44	0.002	
2898		15.83	15.83		172	40	0.00	195.		117	-4	0.001		98	-5	1.08	0.001	
2899		15.83	15.83		136	18	1.17	108.		100	-6	0.001		97	-9	1.00	0.000	
2900		15.83	15.83		203	17	2.10	124.		175	-13	0.001		151	-7	1.67	0.001	
2901		15.83	15.83		258	19	2.75	146.		215	-9	0.002		183	-18	1.87	0.000	
2902		15.83	15.83		311	30	3.11	204.		247	1	0.004		184	-26	1.83	0.000	
2903		15.83	15.83		340	84	0.00	400.		259	24	0.011		179	-29	1.88	0.000	
2904		15.83	15.83		49	694	0.00	2210.		81	610	0.221		133	544	0.00	0.192	
2905		15.83	15.83		22	463	0.00	1472.		99	385	0.114		205	345	0.00	0.104	
2906		15.83	15.83		199	172	0.00	622.		258	115	0.039		264	100	0.00	0.035	
2907		15.83	15.83		273	75	0.00	346.		266	34	0.015		250	18	2.68	0.009	
2908		15.83	15.83		276	39	2.26	226.		246	10	0.007		215	4	2.46	0.005	
2909		15.83	15.83		245	15	2.67	131.		205	0.	0.003		146	0.	1.67	0.002	
2910		15.83	15.83		189	2	2.16	66.		101	-3	0.001		78	-2	0.89	0.001	
2911		15.83	15.83		107	-1	1.22	30.		53	-4	0.000		51	-3	0.56	0.000	
2912		15.83	15.83		77	0.	0.88	23.		49	0.	0.001		47	-4	0.48	0.000	
2913		15.83	15.83		105	2	1.20	39.		102	-6	0.001		95	-3	1.07	0.001	
2914		15.83	15.83		155	4	1.76	61.		135	-4	0.001		116	-8	1.24	0.001	
2915		15.83	15.83		193	15	2.04	112.		155	1	0.003		117	-2	1.33	0.001	
2916		15.83	15.83		208	25	1.92	152.		159	6	0.004		112	-11	1.14	0.000	
7234		15.83	15.83		1556	93	2.96	561.		2731	1	0.039		2936	-29	11.63	0.033	
7235		15.83	15.83		3302	37	12.43	657.		3970	-15	0.051		3979	-23	15.70	0.050	
7236		15.83	15.83		5003	-23	19.71	745.		5207	-20	0.067		5116	-42	20.24	0.060	
7237		15.83	15.83		5467	-55	21.66	720.		5888	-61	0.066		5855	-65	23.20	0.065	
7238		15.83	15.83		5262	-68	20.86	650.		5900	-74	0.063		5893	-74	23.36	0.063	
7239		15.83	15.83		4635	-66	18.37	554.		5629	-72	0.060		5621	-72	22.28	0.060	
7240		15.83	15.83		4678	-53	18.54	600.		5431	-64	0.059		5425	-65	21.50	0.059	
7241		15.83	15.83		4137	-16	16.28	625.		4667	-39	0.055		4692	-58	18.60	0.050	
7242		15.83	15.83		3139	20	12.05	574.		3542	-35	0.040		3673	-44	14.56	0.040	
7245		15.83	15.83		4466	64	16.56	935.		3236	13	0.050		2013	-29	7.98	0.021	
7246		15.83	15.83		3603	3	14.06	595.		2828	-26	0.033		2061	-40	8.15	0.019	
7247		15.83	15.83		2307	-28	9.14	290.		1934	-48	0.015		1572	-56	6.01	0.008	
7248		15.83	15.83		558	-38	2.01	7.		515	-56	0.000		490	-61	2.14	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7249		15.83	15.83		113	-33	0.83	-6.		75	-53	0.000		51	-59	1.19	0.000	
7250		15.83	15.83		1026	-13	4.07	126.		740	-46	0.001		634	-56	2.38	0.000	
7251		15.83	15.83		2395	17	9.16	446.		1525	-31	0.013		865	-58	3.12	0.001	
7252		15.83	15.83		3402	44	12.70	696.		1904	-17	0.022		620	-52	2.31	0.000	
7253		15.83	15.83		3366	49	12.47	706.		1496	-14	0.017		17	-32	0.62	0.000	
7254		15.83	15.83		3011	94	9.88	796.		1471	7	0.023		311	-64	1.81	0.000	
7255		15.83	15.83		2481	55	8.76	584.		1170	-9	0.014		503	-40	1.85	0.000	
7256		15.83	15.83		1303	3	5.07	221.		238	-1	0.003		0.	-34	0.63	0.000	
7257		15.83	15.83		0.	-26	0.48	-7.		0.	-34	0.000		0.	-43	0.79	0.000	
7258		15.83	15.83		0.	-39	0.72	-11.		0.	-41	0.000		0.	-46	0.84	0.000	
7259		15.83	15.83		0.	-37	0.68	-10.		0.	-46	0.000		0.	-45	0.83	0.000	
7260		15.83	15.83		0.	-25	0.46	-7.		0.	-46	0.000		0.	-46	0.83	0.000	
7261		15.83	15.83		249	2	0.95	46.		0.	-32	0.000		0.	-52	0.94	0.000	
7262		15.83	15.83		1232	26	4.38	286.		303	-7	0.002		0.	-54	0.98	0.000	
7263		15.83	15.83		1686	37	5.96	396.		540	-33	0.001		0.	-40	0.72	0.000	
7264		15.83	15.83		1509	52	4.79	415.		449	-30	0.000		0.	-75	1.37	0.000	
7265		15.83	15.83		839	30	2.63	234.		121	-22	0.000		0.	-47	0.85	0.000	
7266		15.83	15.83		0.	-3	0.05	-1.		0.	-5	0.000		0.	-30	0.56	0.000	
7267		15.83	15.83		0.	-24	0.44	-7.		0.	-32	0.000		0.	-32	0.58	0.000	
7268		15.83	15.83		0.	-29	0.53	-8.		0.	-32	0.000		0.	-32	0.58	0.000	
7269		15.83	15.83		0.	-26	0.48	-7.		0.	-32	0.000		0.	-32	0.58	0.000	
7270		15.83	15.83		0.	-20	0.36	-5.		0.	-33	0.000		0.	-33	0.61	0.000	
7271		15.83	15.83		0.	1	0.00	3.		0.	-23	0.000		0.	-38	0.70	0.000	
7272		15.83	15.83		583	21	1.79	165.		0.	-2	0.000		0.	-40	0.73	0.000	
7273		15.83	15.83		1241	32	4.27	306.		551	-29	0.001		189	-29	0.92	0.000	
7275		15.83	15.83		954	11	3.58	192.		392	-2	0.005		197	-36	1.07	0.000	
7276		15.83	15.83		403	8	1.46	90.		0.	-15	0.000		0.	-17	0.31	0.000	
7277		15.83	15.83		0.	-5	0.09	-1.		0.	-8	0.000		0.	-9	0.17	0.000	
7278		15.83	15.83		0.	-11	0.19	-3.		0.	-7	0.000		0.	-7	0.13	0.000	
7279		15.83	15.83		0.	-10	0.19	-3.		0.	-8	0.000		0.	-8	0.14	0.000	
7280		15.83	15.83		0.	-3	0.06	-1.		0.	-9	0.000		0.	-10	0.19	0.000	
7281		15.83	15.83		62	12	0.00	48.		0.	-17	0.000		0.	-14	0.26	0.000	
7282		15.83	15.83		770	28	2.38	217.		166	-15	0.000		0.	-16	0.30	0.000	
7283		15.83	15.83		1009	39	3.05	291.		500	-8	0.005		219	-9	0.83	0.001	
7285		15.83	15.83		1259	27	4.48	292.		864	-10	0.010		658	-24	2.50	0.003	
7286		15.83	15.83		892	24	3.03	225.		462	0.	0.007		271	-8	1.06	0.002	
7287		15.83	15.83		0.	9	0.00	29.		0.	2	0.001		0.	0.	0.00	0.000	
7288		15.83	15.83		0.	-1	0.02	0.		0.	3	0.002		0.	3	0.00	0.002	
7289		15.83	15.83		0.	-1	0.02	0.		0.	4	0.002		0.	3	0.00	0.002	
7290		15.83	15.83		0.	6	0.00	18.		0.	-4	0.000		0.	2	0.00	0.001	
7291		15.83	15.83		843	20	2.93	204.		367	-2	0.005		181	1	0.69	0.003	
7292		15.83	15.83		1252	40	4.06	336.		820	7	0.014		566	4	2.17	0.010	
7293		15.83	15.83		1217	52	3.47	368.		889	17	0.020		575	12	2.06	0.013	
7295		15.83	15.83		295	8	1.00	75.		0.	-31	0.000		0.	-45	0.82	0.000	
7296		15.83	15.83		0.	-3	0.05	-1.		0.	-5	0.000		0.	-27	0.50	0.000	
7297		15.83	15.83		0.	-18	0.33	-5.		0.	-24	0.000		0.	-24	0.43	0.000	
7298		15.83	15.83		0.	-22	0.40	-6.		0.	-22	0.000		0.	-22	0.40	0.000	
7299		15.83	15.83		0.	-21	0.38	-6.		0.	-23	0.000		0.	-23	0.41	0.000	
7300		15.83	15.83		0.	-13	0.23	-3.		0.	-25	0.000		0.	-25	0.46	0.000	
7301		15.83	15.83		0.	5	0.00	15.		0.	-18	0.000		0.	-31	0.56	0.000	
7303		15.83	15.83		533	11	1.91	122.		0.	-9	0.000		0.	-44	0.81	0.000	
7304		15.83	15.83		0.	2	0.00	5.		0.	-1	0.000		0.	-23	0.42	0.000	
7305		15.83	15.83		0.	-13	0.23	-3.		0.	-17	0.000		0.	-17	0.32	0.000	
7306		15.83	15.83		0.	-17	0.32	-5.		0.	-16	0.000		0.	-16	0.29	0.000	
7307		15.83	15.83		0.	-16	0.30	-5.		0.	-17	0.000		0.	-16	0.30	0.000	
7308		15.83	15.83		0.	-8	0.14	-2.		0.	-8	0.000		0.	-20	0.36	0.000	
7309		15.83	15.83		0.	10	0.00	32.		0.	-23	0.000		0.	-24	0.45	0.000	
7310		15.83	15.83		0.	19	0.00	60.		0.	-2	0.000		0.	-34	0.61	0.000	
7311		15.83	15.83		177	26	0.00	113.		0.	-17	0.000		0.	-24	0.44	0.000	
7312		15.83	15.83		235	26	0.00	124.		0.	-28	0.000		0.	-29	0.53	0.000	
7313		15.83	15.83		711	35	1.80	231.		245	-19	0.000		0.	-20	0.37	0.000	
7315		15.83	15.83		1450	11	5.54	271.		1943	-6	0.025		2156	15	8.26	0.036	
7316		15.83	15.83		2246	-19	8.89	307.		2648	0.	0.037		2678	26	10.15	0.048	
7317		15.83	15.83		2476	-3	9.70	394.		3058	16	0.049		3056	16	11.77	0.049	
7318		15.83	15.83		2096	-2	8.21	334.		2867	20	0.048		2875	21	11.00	0.049	
7319		15.83	15.83		2082	-46	8.20	202.		3198	42	0.062		3203	43	11.93	0.063	
7320		15.83	15.83		2473	-24	9.80	328.		3389	83	0.083		3434	85	11.91	0.085	
7321		15.83	15.83		2580	12	9.95	459.		3285	86	0.083		3350	143	9.49	0.111	
7322		15.83	15.83		2781	67	9.70	671.		3252	127	0.102		3255	217	4.37	0.147	
7323		15.83	15.83		3567	111	11.71	942.		3630	160	0.123		3397	286	0.00	0.183	
7324		15.83	15.83		2276	46	8.16	519.		2334	55	0.056		2300	181	0.00	0.118	
7325		15.83	15.83		178	62	0.00	227.		486	47	0.029		807	79	0.00	0.049	
7326		15.83	15.83		2570	43	9.40	558.		680	-12	0.006		0.	-16	0.29	0.000	
7327		15.83	15.83		2460	27	9.27	487.		853	-16	0.008		0.	2	0.00	0.001	
7328		15.83	15.83		1754	4	6.82	297.		512	-26	0.001		0.	26	0.00	0.013	
7329		15.83	15.83		309	-13	1.16	15.		0.	-30	0.000		0.	30	0.00	0.016	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7330		15.83	15.83		0.	-18	0.33	-5.		0.	-24	0.000		0.	45	0.00	0.023	
7331		15.83	15.83		0.	-9	0.17	-3.		0.	-8	0.000		0.	72	0.00	0.037	
7332		15.83	15.83		347	16	0.91	110.		325	22	0.015		348	116	0.00	0.062	
7333		15.83	15.83		2430	62	8.39	596.		2039	71	0.060		1656	180	0.00	0.109	
7334		15.83	15.83		4174	127	13.78	1094.		3454	140	0.111		2741	263	0.00	0.163	
7338		15.83	15.83		1401	38	4.77	352.		100	-23	0.000		0.	-23	0.42	0.000	
7339		15.83	15.83		735	25	2.33	202.		0.	-11	0.000		0.	-2	0.03	0.000	
7340		15.83	15.83		0.	7	0.00	24.		0.	7	0.004		0.	28	0.00	0.015	
7341		15.83	15.83		0.	-1	0.03	0.		0.	46	0.024		0.	44	0.00	0.023	
7342		15.83	15.83		0.	2	0.00	6.		0.	66	0.034		0.	66	0.00	0.034	
7343		15.83	15.83		0.	22	0.00	70.		0.	97	0.050		0.	97	0.00	0.050	
7344		15.83	15.83		0.	56	0.00	178.		0.	140	0.073		0.	142	0.00	0.074	
7345		15.83	15.83		0.	108	0.00	340.		0.	156	0.081		0.	202	0.00	0.105	
7346		15.83	15.83		1297	182	0.00	802.		854	208	0.115		581	283	0.00	0.151	
7350		15.83	15.83		1379	36	4.73	342.		475	-17	0.002		115	-13	0.48	0.000	
7351		15.83	15.83		1062	27	3.65	262.		65	-2	0.000		0.	7	0.00	0.004	
7352		15.83	15.83		356	17	0.93	114.		0.	23	0.012		0.	34	0.00	0.017	
7353		15.83	15.83		0.	14	0.00	43.		0.	56	0.029		0.	54	0.00	0.028	
7354		15.83	15.83		0.	20	0.00	64.		0.	77	0.040		0.	77	0.00	0.040	
7355		15.83	15.83		0.	42	0.00	132.		0.	107	0.056		0.	107	0.00	0.056	
7356		15.83	15.83		0.	77	0.00	244.		0.	147	0.076		0.	147	0.00	0.076	
7357		15.83	15.83		0.	130	0.00	409.		0.	181	0.094		0.	199	0.00	0.104	
7358		15.83	15.83		577	202	0.00	739.		0.	216	0.112		0.	265	0.00	0.138	
7359		15.83	15.83		1742	298	0.00	1247.		682	292	0.156		420	343	0.00	0.181	
7360		15.83	15.83		2530	404	0.00	1718.		1571	376	0.207		1026	369	0.00	0.199	
7362		15.83	15.83		1316	42	4.29	351.		743	1	0.011		422	4	1.61	0.007	
7363		15.83	15.83		1293	34	4.42	322.		608	8	0.012		330	20	0.64	0.014	
7364		15.83	15.83		894	25	3.01	229.		139	23	0.013		0.	40	0.00	0.021	
7365		15.83	15.83		19	24	0.00	78.		0.	63	0.033		0.	58	0.00	0.030	
7366		15.83	15.83		0.	31	0.00	96.		0.	78	0.040		0.	78	0.00	0.040	
7367		15.83	15.83		0.	48	0.00	153.		0.	102	0.053		0.	102	0.00	0.053	
7368		15.83	15.83		0.	82	0.00	259.		0.	132	0.069		0.	133	0.00	0.069	
7369		15.83	15.83		132	132	0.00	438.		0.	140	0.073		0.	173	0.00	0.090	
7370		15.83	15.83		1225	198	0.00	840.		425	192	0.103		88	205	0.00	0.107	
7371		15.83	15.83		1939	283	0.00	1233.		1193	266	0.147		792	257	0.00	0.139	
7372		15.83	15.83		2327	372	0.00	1584.		1722	346	0.193		1246	323	0.00	0.177	
7374		15.83	15.83		1344	53	4.01	393.		1008	21	0.023		672	23	2.15	0.019	
7375		15.83	15.83		1502	47	4.91	399.		1050	23	0.025		747	34	2.01	0.026	
7376		15.83	15.83		1386	37	4.73	346.		819	27	0.024		571	47	0.00	0.030	
7377		15.83	15.83		737	31	2.12	222.		103	39	0.021		0.	59	0.00	0.031	
7378		15.83	15.83		408	33	0.00	177.		0.	61	0.032		0.	71	0.00	0.037	
7379		15.83	15.83		289	47	0.00	199.		0.	78	0.041		0.	86	0.00	0.045	
7380		15.83	15.83		370	75	0.00	300.		0.	78	0.041		0.	98	0.00	0.051	
7381		15.83	15.83		759	119	0.00	509.		158	113	0.060		0.	116	0.00	0.060	
7382		15.83	15.83		1577	181	0.00	848.		1021	170	0.097		716	161	0.00	0.089	
7383		15.83	15.83		1956	258	0.00	1158.		1498	242	0.138		1123	228	0.00	0.127	
7384		15.83	15.83		2135	326	0.00	1405.		1739	306	0.173		1340	285	0.00	0.159	
7385		15.83	15.83		1959	362	0.00	1486.		1591	340	0.189		1222	319	0.00	0.174	
7758		15.83	15.83		2729	204	1.14	1123.		2449	-17	0.030		2220	-4	8.71	0.030	
7765		15.83	15.83		4617	348	1.48	1909.		2880	86	0.078		1152	-18	4.56	0.011	
7766		15.83	15.83		3820	256	5.00	1473.		2424	34	0.048		1039	-34	4.01	0.006	
7767		15.83	15.83		2487	111	6.86	770.		1676	-43	0.013		828	-54	2.98	0.001	
7768		15.83	15.83		1374	51	4.22	391.		848	-70	0.000		338	-71	2.01	0.000	
7769		15.83	15.83		1960	78	5.82	574.		1531	-45	0.010		1002	-67	3.61	0.001	
7770		15.83	15.83		3299	117	10.31	922.		2210	0.	0.031		1130	-50	4.22	0.004	
7772		15.83	15.83		2613	335	0.00	1516.		1043	69	0.047		274	-42	1.35	0.000	
7773		15.83	15.83		2066	243	0.00	1131.		441	25	0.018		0.	-48	0.87	0.000	
7774		15.83	15.83		1225	106	0.00	550.		0.	-31	0.000		0.	-53	0.97	0.000	
7775		15.83	15.83		783	39	1.93	258.		0.	-60	0.000		0.	-60	1.09	0.000	
7776		15.83	15.83		1117	46	3.25	333.		0.	-90	0.000		0.	-56	1.03	0.000	
7777		15.83	15.83		2256	85	6.86	647.		686	-24	0.004		0.	-56	1.02	0.000	
7778		15.83	15.83		2596	101	7.80	753.		1012	-13	0.011		0.	-65	1.19	0.000	
7779		15.83	15.83		1752	319	0.00	1314.		286	73	0.040		0.	-64	1.16	0.000	
7780		15.83	15.83		1062	208	0.00	844.		0.	33	0.017		0.	-61	1.12	0.000	
7781		15.83	15.83		335	66	0.00	267.		0.	-15	0.000		0.	-57	1.04	0.000	
7782		15.83	15.83		50	-14	0.35	-3.		0.	-55	0.000		0.	-55	1.00	0.000	
7783		15.83	15.83		269	-21	0.98	2.		0.	-64	0.000		0.	-51	0.94	0.000	
7784		15.83	15.83		1003	24	3.49	243.		0.	-70	0.000		0.	-61	1.12	0.000	
7785		15.83	15.83		1596	57	4.98	447.		190	-11	0.000		0.	-79	1.44	0.000	
7786		15.83	15.83		1435	304	0.00	1212.		38	60	0.031		0.	-79	1.45	0.000	
7787		15.83	15.83		880	203	0.00	795.		0.	23	0.012		0.	-72	1.32	0.000	
7788		15.83	15.83		174	76	0.00	271.		0.	-13	0.000		0.	-61	1.12	0.000	
7789		15.83	15.83		0.	-13	0.24	-4.		0.	-54	0.000		0.	-54	0.99	0.000	
7790		15.83	15.83		159	-37	1.00	-6.		0.	-63	0.000		0.	-51	0.93	0.000	
7791		15.83	15.83		676	-9	2.68	84.		0.	-66	0.000		0.	-66	1.20	0.000	
7792		15.83	15.83		1057	22	3.77	243.		131	-22	0.000		0.	-88	1.60	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7793		15.83	15.83		1308	283	0.00	1124.		353	42	0.025		11	-89	1.66	0.000	
7794		15.83	15.83		859	197	0.00	774.		0.	11	0.006		0.	-79	1.45	0.000	
7795		15.83	15.83		178	91	0.00	319.		0.	-16	0.000		0.	-65	1.18	0.000	
7796		15.83	15.83		0.	1	0.00	4.		0.	-54	0.000		0.	-54	0.99	0.000	
7797		15.83	15.83		217	-20	0.81	0.		0.	-53	0.000		0.	-53	0.96	0.000	
7798		15.83	15.83		863	-22	3.38	75.		34	-66	0.000		0.	-65	1.18	0.000	
7800		15.83	15.83		1196	257	0.00	1021.		589	26	0.020		387	-94	2.52	0.000	
7801		15.83	15.83		849	189	0.00	745.		222	0.	0.003		75	-82	1.65	0.000	
7802		15.83	15.83		241	107	0.00	381.		0.	-20	0.000		0.	-66	1.20	0.000	
7803		15.83	15.83		54	29	0.00	102.		0.	-54	0.000		0.	-54	0.99	0.000	
7804		15.83	15.83		240	-15	0.86	5.		0.	-51	0.000		0.	-53	0.97	0.000	
7805		15.83	15.83		722	-19	2.83	63.		80	-62	0.000		0.	-65	1.18	0.000	
7807		15.83	15.83		1064	228	0.00	908.		711	15	0.016		594	-92	2.92	0.000	
7808		15.83	15.83		886	203	0.00	796.		430	-8	0.004		348	-79	2.18	0.000	
7809		15.83	15.83		447	164	0.00	595.		0.	-22	0.000		0.	-63	1.15	0.000	
7810		15.83	15.83		309	110	0.00	401.		0.	-45	0.000		0.	-52	0.94	0.000	
7811		15.83	15.83		505	60	0.00	278.		0.	-28	0.000		0.	-51	0.94	0.000	
7812		15.83	15.83		884	19	3.15	205.		451	-30	0.001		277	-65	1.76	0.000	
7814		15.83	15.83		953	195	0.00	784.		785	22	0.021		686	-84	2.96	0.000	
7815		15.83	15.83		812	179	0.00	708.		583	3	0.009		509	-72	2.38	0.000	
7816		15.83	15.83		455	157	0.00	574.		150	-8	0.000		68	-56	1.17	0.000	
7817		15.83	15.83		353	141	0.00	506.		30	-3	0.000		0.	-47	0.85	0.000	
7818		15.83	15.83		586	131	0.00	515.		258	1	0.004		111	-48	1.12	0.000	
7819		15.83	15.83		854	93	0.00	445.		605	-2	0.008		421	-61	1.99	0.000	
7821		15.83	15.83		529	90	0.00	377.		2423	-25	0.027		2762	-35	10.95	0.029	
7824		15.83	15.83		2104	94	5.77	653.		2644	-29	0.029		2724	-41	10.80	0.027	
7841		15.83	15.83		903	31	2.87	248.		186	-42	0.000		0.	-84	1.54	0.000	
7842		15.83	15.83		831	12	3.08	174.		239	-1	0.003		0.	-70	1.28	0.000	
7850		15.83	15.83		5850	175	19.41	1524.		5781	227	0.182		5504	178	17.84	0.155	
7851		15.83	15.83		6301	49	24.06	1182.		6566	84	0.127		6508	39	25.01	0.107	
7852		15.83	15.83		6918	-39	27.30	1007.		7357	-56	0.088		7348	-65	29.09	0.085	
7853		15.83	15.83		7192	-81	28.50	923.		7720	-131	0.074		7705	-131	30.51	0.074	
7855		15.83	15.83		5144	-34	20.32	732.		5978	-93	0.059		6135	-40	24.23	0.075	
7856		15.83	15.83		3936	28	15.06	732.		4213	-27	0.052		4637	-8	18.19	0.063	
7857		15.83	15.83		3815	96	13.19	933.		3732	-27	0.045		3573	4	13.93	0.051	
7858		15.83	15.83		3682	171	9.83	1162.		3394	21	0.056		3080	1	12.03	0.043	
7860		15.83	15.83		3535	263	1.74	1448.		3046	79	0.077		2560	-9	10.07	0.033	
7863		15.83	15.83		6907	279	20.28	2042.		5859	278	0.208		4823	273	10.12	0.193	
7864		15.83	15.83		5613	141	19.41	1373.		4957	128	0.125		4318	120	14.60	0.113	
7865		15.83	15.83		4201	47	15.82	834.		3861	26	0.064		3542	11	13.74	0.054	
7866		15.83	15.83		2869	-5	11.25	452.		2742	-32	0.030		2635	-61	10.36	0.021	
7867		15.83	15.83		1340	-20	5.31	157.		1498	-55	0.008		1672	-51	6.48	0.011	
7868		15.83	15.83		547	-5	2.17	73.		454	-54	0.000		431	-23	1.57	0.001	
7869		15.83	15.83		1029	36	3.22	287.		589	-35	0.001		194	-5	0.76	0.001	
7870		15.83	15.83		2454	102	7.07	737.		1562	-4	0.021		685	-3	2.69	0.009	
7871		15.83	15.83		3638	225	6.29	1341.		2358	56	0.057		1081	-15	4.29	0.011	
7872		15.83	15.83		4407	328	2.00	1810.		2818	105	0.086		1232	-27	4.85	0.010	
7873		15.83	15.83		5103	409	0.00	2186.		3233	143	0.110		1365	-38	5.32	0.009	
7876		15.83	15.83		4089	319	0.00	1724.		3148	320	0.196		2515	314	0.00	0.186	
7877		15.83	15.83		3053	177	6.13	1084.		2190	184	0.117		1784	176	0.00	0.109	
7878		15.83	15.83		1571	76	4.02	508.		1049	80	0.052		834	72	0.00	0.046	
7879		15.83	15.83		33	9	0.00	33.		0.	5	0.003		0.	-2	0.03	0.000	
7880		15.83	15.83		0.	-28	0.51	-8.		0.	-25	0.000		0.	-23	0.42	0.000	
7881		15.83	15.83		0.	-39	0.71	-11.		0.	-14	0.000		0.	-13	0.23	0.000	
7882		15.83	15.83		0.	-21	0.38	-6.		0.	-9	0.000		0.	-9	0.17	0.000	
7883		15.83	15.83		0.	49	0.00	156.		0.	-7	0.000		0.	-16	0.30	0.000	
7884		15.83	15.83		1403	195	0.00	862.		127	28	0.015		0.	-38	0.69	0.000	
7885		15.83	15.83		2128	308	0.00	1348.		719	68	0.043		211	-55	1.44	0.000	
7886		15.83	15.83		2819	420	0.00	1821.		1254	110	0.069		562	-71	2.47	0.000	
7889		15.83	15.83		1943	307	0.00	1311.		1306	306	0.169		988	316	0.00	0.171	
7890		15.83	15.83		1026	186	0.00	767.		357	201	0.107		156	205	0.00	0.108	
7891		15.83	15.83		0.	89	0.00	281.		0.	115	0.060		0.	112	0.00	0.058	
7892		15.83	15.83		0.	22	0.00	70.		0.	42	0.022		0.	42	0.00	0.022	
7893		15.83	15.83		0.	-19	0.34	-5.		0.	-2	0.000		0.	-2	0.04	0.000	
7894		15.83	15.83		0.	-35	0.64	-10.		0.	-5	0.000		0.	-5	0.09	0.000	
7895		15.83	15.83		0.	-26	0.48	-7.		0.	-14	0.000		0.	-14	0.25	0.000	
7896		15.83	15.83		0.	41	0.00	130.		0.	-15	0.000		0.	-30	0.54	0.000	
7897		15.83	15.83		17	189	0.00	601.		0.	28	0.014		0.	-56	1.02	0.000	
7898		15.83	15.83		747	297	0.00	1070.		0.	66	0.035		0.	-75	1.37	0.000	
7899		15.83	15.83		1314	407	0.00	1516.		376	107	0.058		0.	-93	1.70	0.000	
7901		15.83	15.83		2420	356	0.00	1548.		1406	345	0.190		1084	332	0.00	0.180	
7902		15.83	15.83		1477	271	0.00	1116.		523	276	0.147		318	276	0.00	0.145	
7903		15.83	15.83		151	174	0.00	577.		0.	197	0.103		0.	207	0.00	0.108	
7904		15.83	15.83		0.	89	0.00	281.		0.	125	0.065		0.	130	0.00	0.068	
7905		15.83	15.83		0.	28	0.00	89.		0.	64	0.033		0.	64	0.00	0.033	
7906		15.83	15.83		0.	-11	0.20	-3.		0.	21	0.011		0.	21	0.00	0.011	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7907		15.83	15.83		0.	-26	0.48	-7.		0.	-4	0.000		0.	-4	0.07	0.000
7908		15.83	15.83		0.	-14	0.26	-4.		0.	-17	0.000		0.	-17	0.31	0.000
7909		15.83	15.83		0.	58	0.00	184.		0.	-21	0.000		0.	-39	0.72	0.000
7910		15.83	15.83		0.	198	0.00	626.		0.	23	0.012		0.	-68	1.24	0.000
7911		15.83	15.83		326	298	0.00	999.		0.	55	0.029		0.	-88	1.60	0.000
7912		15.83	15.83		890	401	0.00	1422.		0.	93	0.048		0.	-101	1.85	0.000
7914		15.83	15.83		2084	341	0.00	1442.		1382	335	0.184		901	322	0.00	0.173
7915		15.83	15.83		1540	247	0.00	1050.		721	259	0.139		317	254	0.00	0.134
7916		15.83	15.83		622	159	0.00	612.		0.	187	0.097		0.	188	0.00	0.098
7917		15.83	15.83		0.	85	0.00	270.		0.	126	0.065		0.	128	0.00	0.067
7918		15.83	15.83		0.	32	0.00	102.		0.	77	0.040		0.	77	0.00	0.040
7919		15.83	15.83		0.	-1	0.01	0.		0.	37	0.019		0.	37	0.00	0.019
7920		15.83	15.83		0.	-1	0.02	0.		0.	6	0.003		0.	6	0.00	0.003
7921		15.83	15.83		0.	5	0.00	16.		0.	-18	0.000		0.	-18	0.33	0.000
7922		15.83	15.83		0.	77	0.00	242.		0.	-27	0.000		0.	-45	0.82	0.000
7923		15.83	15.83		229	198	0.00	666.		0.	18	0.009		0.	-68	1.25	0.000
7924		15.83	15.83		692	284	0.00	1019.		0.	45	0.023		0.	-83	1.52	0.000
7925		15.83	15.83		1140	373	0.00	1379.		282	81	0.044		0.	-96	1.75	0.000
7926		15.83	15.83		1880	358	0.00	1459.		1506	342	0.189		1129	325	0.00	0.177
7927		15.83	15.83		2112	311	0.00	1352.		1615	308	0.173		1174	301	0.00	0.165
7928		15.83	15.83		1918	229	0.00	1059.		1223	248	0.138		839	251	0.00	0.136
7929		15.83	15.83		1301	151	0.00	706.		541	185	0.100		252	190	0.00	0.100
7930		15.83	15.83		192	87	0.00	308.		0.	129	0.067		0.	135	0.00	0.070
7931		15.83	15.83		0.	41	0.00	130.		0.	85	0.044		0.	86	0.00	0.045
7932		15.83	15.83		0.	19	0.00	59.		0.	46	0.024		0.	46	0.00	0.024
7933		15.83	15.83		0.	14	0.00	44.		0.	13	0.007		0.	13	0.00	0.007
7934		15.83	15.83		0.	30	0.00	94.		0.	-12	0.000		0.	-11	0.21	0.000
7935		15.83	15.83		0.	91	0.00	287.		0.	-18	0.000		0.	-34	0.62	0.000
7936		15.83	15.83		685	186	0.00	707.		24	15	0.008		0.	-58	1.06	0.000
7937		15.83	15.83		1042	257	0.00	994.		410	38	0.024		240	-74	1.84	0.000
7938		15.83	15.83		1376	335	0.00	1298.		768	70	0.044		527	-86	2.68	0.000
7951		15.83	15.83		0.	54	0.00	170.		0.	33	0.017		0.	43	0.00	0.023
7952		15.83	15.83		2472	113	6.66	776.		2297	92	0.074		2101	116	4.60	0.083
8450		15.83	15.83		3605	192	8.33	1221.		3162	-14	0.040		2734	-21	10.81	0.033
8451		15.83	15.83		3031	96	9.88	808.		3021	-74	0.023		3012	-32	11.93	0.034
8454		15.83	15.83		3769	78	13.47	866.		3743	-117	0.023		3531	-56	13.99	0.035
8455		15.83	15.83		3751	-6	14.71	592.		3949	-104	0.029		3925	-69	15.53	0.037
8457		15.83	15.83		3295	54	12.08	712.		3367	-91	0.024		3368	-45	13.35	0.035
8458		15.83	15.83		3350	13	12.96	587.		4163	-92	0.035		4195	-82	16.57	0.037
8459		15.83	15.83		3420	-18	13.49	500.		4468	-90	0.039		4457	-89	17.60	0.039
8461		15.83	15.83		3726	-27	14.73	523.		4191	-90	0.036		4237	-80	16.75	0.039
8462		15.83	15.83		3533	39	13.31	701.		4204	-104	0.032		4158	-73	16.46	0.039
8463		15.83	15.83		3420	38	12.88	679.		4061	-99	0.032		4017	-69	15.90	0.038
8465		15.83	15.83		3603	4	14.04	599.		4419	-102	0.036		4391	-86	17.34	0.039
8466		15.83	15.83		3275	83	11.30	804.		3492	-26	0.042		3298	-55	13.06	0.032
8469		15.83	15.83		2899	59	10.38	664.		3577	-88	0.028		3636	-58	14.40	0.036
8470		15.83	15.83		3347	131	9.98	977.		2039	31	0.042		740	-45	2.67	0.001
8471		15.83	15.83		4049	115	13.62	1035.		2692	35	0.052		1341	-45	5.15	0.008
8472		15.83	15.83		931	33	2.92	260.		631	-7	0.007		359	-53	1.71	0.000
8473		15.83	15.83		1251	22	4.55	275.		895	-8	0.010		614	-40	2.21	0.001
8474		15.83	15.83		910	4	3.52	161.		553	-34	0.001		323	-72	1.99	0.000
8475		15.83	15.83		801	-8	3.17	106.		213	-46	0.000		47	-79	1.55	0.000
8476		15.83	15.83		785	0.	3.07	127.		88	-57	0.000		0.	-91	1.66	0.000
8477		15.83	15.83		1056	1	4.12	175.		320	-36	0.000		12	-81	1.51	0.000
8478		15.83	15.83		1047	7	4.02	192.		279	-34	0.000		0.	-90	1.64	0.000
8479		15.83	15.83		888	10	3.34	177.		308	-17	0.001		7	-79	1.46	0.000
8480		15.83	15.83		831	8	3.15	161.		82	-36	0.000		0.	-73	1.33	0.000
8481		15.83	15.83		1119	7	4.30	204.		646	-17	0.005		365	-56	1.79	0.000
8482		15.83	15.83		5992	139	21.04	1426.		5395	130	0.131		4737	157	15.23	0.135
8483		15.83	15.83		3851	79	13.78	883.		3934	100	0.098		3823	112	12.76	0.102
8485		15.83	15.83		1049	65	1.80	388.		1410	54	0.044		1664	94	3.49	0.067
8486		15.83	15.83		6004	-77	23.80	743.		6575	-111	0.063		6605	-87	26.19	0.069
8487		15.83	15.83		6673	-63	26.43	892.		7435	-74	0.084		7439	-68	29.45	0.086
8489		15.83	15.83		7317	-81	29.00	943.		7955	-101	0.085		7939	-100	31.47	0.085
8490		15.83	15.83		3910	236	7.24	1419.		3283	64	0.073		2658	-1	10.39	0.037
8491		15.83	15.83		3299	232	3.19	1310.		3034	64	0.070		2760	-4	10.82	0.037
8493		15.83	15.83		3375	206	6.03	1235.		3174	46	0.064		2945	-1	11.52	0.041
8494		15.83	15.83		8893	301	28.33	2435.		6884	284	0.224		4882	284	9.72	0.200
8497		15.83	15.83		2656	394	0.00	1711.		1902	376	0.210		1464	355	0.00	0.195
8498		15.83	15.83		2065	377	0.00	1553.		1566	362	0.200		1066	346	0.00	0.187
8499		15.83	15.83		2029	417	0.00	1674.		1534	392	0.215		1120	365	0.00	0.197
8501		15.83	15.83		2251	413	0.00	1700.		1783	386	0.214		1315	357	0.00	0.195
8502		15.83	15.83		1408	280	0.00	1132.		1171	99	0.063		984	-53	3.58	0.002
8504		15.83	15.83		830	232	0.00	877.		614	83	0.048		428	-51	1.83	0.000
8505		15.83	15.83		1108	229	0.00	918.		899	77	0.049		728	-50	2.62	0.001
9526		15.83	15.83		1134	37	3.67	305.		2025	-13	0.025		2201	-4	8.63	0.030

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9527		15.83	15.83		1400	40	4.71	357.		1963	-8	0.025		2213	-12	8.73	0.028	
9528		15.83	15.83		2292	32	8.51	477.		2948	-24	0.035		3121	-21	12.33	0.038	
9530		15.83	15.83		889	23	3.05	220.		1826	-11	0.023		2033	7	7.87	0.031	
9531		15.83	15.83		642	35	1.42	221.		1241	-5	0.016		1540	5	5.97	0.023	
9532		15.83	15.83		825	35	2.35	250.		1870	-10	0.023		2046	1	7.99	0.029	

ARMATURA SUPERIORE ORIZZONTALE

				COMBINAZIONE RARA				COMB. FREQUENTE				COMB. QUASI PERMANENTE						
GUSCI	Af	Afc	Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
2709		19.37	19.37		0.	-3	0.05	-1.		0.	-12	0.000		0.	-20	0.36	0.000	
2710		19.37	19.37		310	35	0.00	134.		525	1	0.006		634	-6	2.29	0.005	
2711		19.37	19.37		996	51	2.13	270.		1219	-14	0.010		1219	-14	4.42	0.010	
2712		19.37	19.37		969	110	0.00	423.		1055	36	0.023		1096	-16	3.98	0.008	
2713		19.37	19.37		917	124	0.00	452.		890	51	0.027		831	-10	3.01	0.007	
2714		19.37	19.37		0.	92	0.00	237.		0.	15	0.006		0.	-4	0.06	0.000	
2715		19.37	19.37		0.	50	0.00	128.		0.	-18	0.000		0.	6	0.00	0.002	
2716		19.37	19.37		0.	14	0.00	37.		0.	12	0.005		0.	-1	0.02	0.000	
2717		19.37	19.37		0.	1	0.00	3.		0.	6	0.002		0.	7	0.00	0.003	
2718		19.37	19.37		1537	-21	5.58	153.		1615	-3	0.016		1627	11	5.63	0.020	
2719		19.37	19.37		2475	-42	9.00	229.		2578	8	0.029		2578	8	9.05	0.029	
2720		19.37	19.37		2741	-63	9.96	216.		2861	4	0.031		2861	4	10.10	0.031	
2721		19.37	19.37		2586	-84	9.29	151.		2586	-1	0.027		2600	-1	9.22	0.027	
2722		19.37	19.37		2196	-110	7.67	64.		2116	-9	0.020		2096	-5	7.47	0.021	
2723		19.37	19.37		1105	-166	0.73	-69.		994	-58	0.002		907	-8	3.28	0.008	
2724		19.37	19.37		0.	-201	3.60	-54.		0.	-106	0.000		0.	-11	0.19	0.000	
2725		19.37	19.37		0.	-235	4.22	-63.		0.	-124	0.000		0.	-13	0.23	0.000	
2726		19.37	19.37		0.	-221	3.96	-59.		0.	-104	0.000		0.	13	0.00	0.005	
2727		19.37	19.37		84	-222	3.81	-62.		131	-105	0.000		138	13	0.00	0.006	
2728		19.37	19.37		1594	-229	0.87	-97.		1593	-110	0.001		1588	9	5.52	0.019	
2729		19.37	19.37		2467	-242	0.68	-119.		2448	-76	0.012		2452	1	8.68	0.026	
2730		19.37	19.37		2783	-227	10.00	7.		2784	-89	0.013		2791	-11	9.99	0.027	
2731		19.37	19.37		2517	-245	0.73	-121.		2583	-106	0.009		2630	-26	9.52	0.022	
2732		19.37	19.37		2357	-267	0.01	-123.		2403	-128	0.005		2392	-47	8.70	0.016	
2733		19.37	19.37		1988	-305	1.42	-126.		1892	-164	0.000		1848	-75	6.55	0.006	
2734		19.37	19.37		1019	-280	2.94	-98.		917	-177	0.000		817	-75	0.32	0.000	
2735		19.37	19.37		0.	-251	4.50	-68.		0.	-150	0.000		0.	-49	0.88	0.000	
2736		19.37	19.37		0.	-229	4.10	-62.		0.	-129	0.000		0.	-29	0.52	0.000	
2737		19.37	19.37		0.	-219	3.92	-59.		0.	-119	0.000		0.	-20	0.36	0.000	
2738		19.37	19.37		0.	-307	5.49	-82.		0.	-199	0.000		0.	-84	1.50	0.000	
2739		19.37	19.37		0.	-255	4.57	-69.		0.	-162	0.000		0.	-63	1.13	0.000	
2740		19.37	19.37		0.	-198	3.54	-53.		0.	-121	0.000		0.	-44	0.79	0.000	
2741		19.37	19.37		1524	-147	0.46	-73.		1357	-55	0.005		1248	-31	4.52	0.007	
2742		19.37	19.37		2545	-79	9.17	157.		2372	-16	0.022		2317	-26	8.39	0.019	
2743		19.37	19.37		3075	-37	11.15	321.		2968	-10	0.029		2942	-27	10.63	0.025	
2744		19.37	19.37		3162	-8	11.29	404.		3158	-24	0.028		3163	-32	11.45	0.027	
2745		19.37	19.37		3139	6	11.07	436.		3271	-34	0.028		3272	-34	11.84	0.028	
2746		19.37	19.37		2991	13	10.45	436.		3129	-30	0.027		3129	-30	11.31	0.027	
2747		19.37	19.37		2415	11	8.43	354.		2582	-29	0.021		2582	-29	9.35	0.021	
2748		19.37	19.37		1399	-7	5.02	170.		1601	-30	0.011		1599	-30	5.82	0.011	
2749		19.37	19.37		0.	-34	0.61	-9.		4	-34	0.000		151	-33	0.28	0.000	
2750		19.37	19.37		0.	27	0.00	71.		0.	-6	0.000		0.	-39	0.69	0.000	
2751		19.37	19.37		0.	-16	0.29	-4.		0.	-18	0.000		0.	23	0.00	0.009	
2752		19.37	19.37		0.	34	0.00	88.		0.	27	0.011		0.	53	0.00	0.020	
2753		19.37	19.37		26	82	0.00	215.		0.	69	0.027		0.	56	0.00	0.021	
2754		19.37	19.37		1091	92	0.00	394.		981	66	0.033		867	40	2.05	0.022	
2755		19.37	19.37		1787	94	3.69	492.		1682	62	0.038		1613	16	5.51	0.022	
2756		19.37	19.37		2125	93	5.24	535.		2071	46	0.036		2042	-8	7.31	0.020	
2757		19.37	19.37		2079	91	5.14	523.		2146	16	0.027		2162	-29	7.85	0.017	
2758		19.37	19.37		1948	73	5.29	456.		2180	-26	0.018		2194	-31	7.97	0.017	
2759		19.37	19.37		1895	42	6.00	365.		2100	-24	0.017		2100	-24	7.61	0.017	
2760		19.37	19.37		1486	24	4.92	261.		1704	-20	0.014		1703	-20	6.17	0.014	
2761		19.37	19.37		747	-1	2.66	98.		991	-28	0.005		1007	-18	3.66	0.007	
2762		19.37	19.37		0.	-15	0.26	-4.		0.	-17	0.000		51	-19	0.24	0.000	
2764		19.37	19.37		0.	-40	0.72	-11.		0.	-5	0.000		0.	2	0.00	0.001	
2765		19.37	19.37		108	16	0.00	56.		306	5	0.005		421	-3	1.52	0.004	
2766		19.37	19.37		600	41	0.63	191.		786	-2	0.008		786	-2	2.81	0.008	
2767		19.37	19.37		597	126	0.00	410.		624	60	0.028		666	2	2.35	0.007	
2768		19.37	19.37		629	179	0.00	552.		551	86	0.036		474	7	1.58	0.007	
2769		19.37	19.37		48	179	0.00	468.		0.	13	0.005		0.	13	0.00	0.005	
2770		19.37	19.37		0.	218	0.00	563.		0.	2	0.001		0.	23	0.00	0.009	
2771		19.37	19.37		0.	153	0.00	395.		0.	89	0.034		0.	16	0.00	0.006	
2772		19.37	19.37		0.	119	0.00	307.		12	73	0.028		69	27	0.00	0.011	
2773		19.37	19.37		1053	54	2.27	285.		1153	12	0.016		1163	22	3.77	0.019	
2774		19.37	19.37		1676	26	5.56	292.		1796	14	0.023		1796	13	6.20	0.023	
2775		19.37	19.37		1820	4	6.41	254.		1957	4	0.022		1957	3	6.91	0.021	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2776		19.37	19.37		1661	-5	5.93	212.		1721	9	0.021		1738	-7	6.22	0.017	
2777		19.37	19.37		1437	-28	5.23	126.		1389	-3	0.014		1364	-16	4.95	0.011	
2778		19.37	19.37		698	-55	2.49	3.		613	-40	0.001		527	-24	1.85	0.001	
2779		19.37	19.37		0.	-87	1.56	-23.		0.	-60	0.000		0.	-31	0.56	0.000	
2780		19.37	19.37		0.	-136	2.44	-37.		0.	-90	0.000		0.	-36	0.65	0.000	
2781		19.37	19.37		0.	-65	1.17	-18.		0.	-40	0.000		0.	-11	0.19	0.000	
2782		19.37	19.37		360	-73	0.58	-28.		344	-42	0.000		326	-11	1.17	0.001	
2783		19.37	19.37		1169	-100	4.25	1.		1168	-62	0.002		1165	-24	4.24	0.008	
2784		19.37	19.37		1637	-125	5.80	9.		1650	-84	0.004		1661	-42	6.02	0.010	
2785		19.37	19.37		1723	-155	0.72	-80.		1813	-114	0.002		1822	-61	6.54	0.008	
2786		19.37	19.37		1522	-175	0.04	-80.		1581	-134	0.000		1614	-81	5.64	0.004	
2787		19.37	19.37		1346	-195	0.75	-82.		1400	-155	0.000		1451	-103	5.08	0.001	
2788		19.37	19.37		1098	-188	1.13	-75.		1080	-168	0.000		1059	-127	0.12	0.000	
2789		19.37	19.37		452	-144	1.66	-49.		399	-121	0.000		348	-98	1.06	0.000	
2790		19.37	19.37		0.	-76	1.36	-20.		0.	-58	0.000		0.	-39	0.71	0.000	
2791		19.37	19.37		0.	12	0.00	32.		0.	26	0.010		0.	39	0.00	0.015	
2792		19.37	19.37		0.	53	0.00	136.		0.	65	0.025		0.	76	0.00	0.029	
2807		19.37	19.37		0.	-31	0.86	-13.		0.	0.	0.000		0.	13	0.00	0.003	
2808		19.37	19.37		0.	-2	0.07	-1.		73	6	0.002		212	10	2.14	0.005	
2809		19.37	19.37		233	20	2.14	118.		395	11	0.007		395	11	4.07	0.007	
2810		19.37	19.37		311	78	0.00	301.		288	42	0.013		303	16	3.02	0.007	
2811		19.37	19.37		347	131	0.00	450.		260	66	0.018		173	19	1.48	0.006	
2812		19.37	19.37		84	154	0.00	425.		0.	14	0.003		0.	21	0.00	0.004	
2813		19.37	19.37		0.	224	0.00	577.		0.	26	0.006		0.	26	0.00	0.005	
2814		19.37	19.37		0.	-68	1.90	-29.		0.	-12	0.000		0.	26	0.00	0.006	
2815		19.37	19.37		0.	-35	0.98	-15.		0.	-4	0.000		72	24	0.00	0.006	
2816		19.37	19.37		7	6	0.00	17.		131	27	0.008		131	27	0.47	0.008	
2817		19.37	19.37		107	69	0.00	211.		79	43	0.011		82	30	0.00	0.008	
2818		19.37	19.37		142	138	0.00	402.		82	73	0.017		22	27	0.00	0.006	
2819		19.37	19.37		129	198	0.00	553.		0.	18	0.004		0.	24	0.00	0.005	
2820		19.37	19.37		271	343	0.00	974.		0.	25	0.005		0.	25	0.00	0.005	
2821		19.37	19.37		0.	170	0.00	438.		0.	98	0.021		0.	24	0.00	0.005	
2822		19.37	19.37		0.	129	0.00	334.		37	78	0.017		116	27	0.01	0.008	
2823		19.37	19.37		565	74	4.39	358.		674	21	0.013		674	21	6.92	0.013	
2824		19.37	19.37		908	53	8.96	387.		1013	11	0.014		1013	11	10.57	0.014	
2825		19.37	19.37		959	40	9.72	364.		1083	2	0.013		1083	2	11.35	0.013	
2826		19.37	19.37		848	45	8.45	349.		873	13	0.013		899	-8	9.44	0.010	
2827		19.37	19.37		703	38	7.00	290.		684	10	0.010		664	-17	6.94	0.006	
2828		19.37	19.37		298	23	2.81	143.		231	-1	0.003		164	-25	0.25	0.000	
2829		19.37	19.37		0.	0.	0.00	1.		0.	-20	0.000		0.	-32	0.89	0.000	
2830		19.37	19.37		0.	-20	0.57	-8.		0.	-44	0.000		0.	-40	1.12	0.000	
2831		19.37	19.37		0.	223	0.00	574.		0.	133	0.028		0.	44	0.00	0.009	
2832		19.37	19.37		0.	156	0.00	404.		20	98	0.021		94	39	0.00	0.010	
2833		19.37	19.37		199	98	0.00	318.		285	27	0.010		285	27	2.58	0.009	
2834		19.37	19.37		354	70	1.39	293.		421	14	0.008		421	13	4.32	0.008	
2835		19.37	19.37		365	57	2.41	258.		447	1	0.006		447	1	4.68	0.005	
2836		19.37	19.37		317	64	1.11	267.		336	16	0.007		353	-10	3.69	0.003	
2837		19.37	19.37		252	65	0.00	249.		246	21	0.008		240	-21	2.37	0.001	
2838		19.37	19.37		85	50	0.00	157.		50	9	0.003		14	-32	0.82	0.000	
2839		19.37	19.37		0.	19	0.00	50.		0.	-22	0.000		0.	-42	1.18	0.000	
2840		19.37	19.37		0.	7	0.00	18.		0.	-55	0.000		0.	-54	1.50	0.000	
2841		19.37	19.37		134	64	0.00	207.		75	27	0.007		29	-5	0.03	0.000	
2842		19.37	19.37		474	32	4.59	215.		447	7	0.007		418	-17	4.33	0.003	
2843		19.37	19.37		704	-3	7.38	176.		706	-22	0.006		707	-35	7.27	0.004	
2844		19.37	19.37		843	-27	8.79	151.		867	-43	0.005		887	-53	9.04	0.004	
2845		19.37	19.37		868	-54	8.82	93.		914	-72	0.003		920	-70	9.21	0.003	
2846		19.37	19.37		677	-68	6.65	25.		743	-88	0.001		754	-86	7.40	0.001	
2847		19.37	19.37		521	-80	0.73	-58.		573	-102	0.000		580	-101	0.50	0.000	
2848		19.37	19.37		342	-68	0.05	-44.		358	-100	0.000		369	-114	1.07	0.000	
2849		19.37	19.37		2	-36	0.99	-15.		0.	-64	0.000		0.	-92	2.58	0.000	
2850		19.37	19.37		0.	24	0.00	62.		0.	-9	0.000		0.	-42	1.17	0.000	
2851		19.37	19.37		0.	124	0.00	320.		0.	84	0.018		0.	44	0.00	0.009	
2852		19.37	19.37		0.	249	0.00	643.		0.	201	0.043		0.	152	0.00	0.033	
2853		19.37	19.37		432	134	0.00	484.		384	73	0.021		355	12	3.64	0.007	
2854		19.37	19.37		330	67	1.20	277.		315	25	0.009		299	-17	3.06	0.002	
2855		19.37	19.37		323	9	3.33	110.		329	-26	0.001		331	-45	0.64	0.000	
2856		19.37	19.37		345	-19	3.52	42.		364	-53	0.000		375	-68	0.24	0.000	
2857		19.37	19.37		341	-51	0.52	-37.		372	-88	0.000		376	-89	0.33	0.000	
2858		19.37	19.37		243	-67	0.48	-39.		285	-106	0.000		291	-107	1.31	0.000	
2859		19.37	19.37		155	-80	1.35	-41.		190	-122	0.000		195	-122	2.30	0.000	
2860		19.37	19.37		70	-62	1.32	-29.		89	-108	0.000		101	-134	3.18	0.000	
2861		19.37	19.37		0.	-37	1.03	-15.		0.	-81	0.000		0.	-124	3.48	0.000	
2862		19.37	19.37		0.	24	0.00	63.		0.	-25	0.000		0.	-75	2.08	0.000	
2863		19.37	19.37		0.	155	0.00	400.		0.	95	0.020		0.	35	0.00	0.007	
2864		19.37	19.37		0.	385	0.00	993.		0.	308	0.066		0.	230	0.00	0.049	
2865		19.37	19.37		0.	153	0.00	395.		0.	100	0.021		0.	100	0.00	0.021	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2866		19.37	19.37	0.	172	0.00	443.	0.	123	0.026	0.	115	0.00	0.025
2867		19.37	19.37	40	191	0.00	505.	0.	142	0.030	0.	103	0.00	0.022
2868		19.37	19.37	575	174	0.00	636.	493	122	0.034	409	70	2.36	0.021
2869		19.37	19.37	899	145	5.69	649.	849	90	0.031	799	34	8.08	0.017
2870		19.37	19.37	1044	117	8.82	607.	1031	61	0.026	1018	4	10.66	0.013
2871		19.37	19.37	959	94	8.54	518.	1009	38	0.021	1065	-17	11.16	0.010
2872		19.37	19.37	841	64	7.98	402.	965	-2	0.011	1008	-18	10.56	0.010
2873		19.37	19.37	807	17	8.37	259.	972	-14	0.010	972	-14	10.19	0.010
2874		19.37	19.37	594	4	6.21	168.	762	-11	0.008	762	-11	7.99	0.008
2875		19.37	19.37	144	-2	1.51	33.	351	-20	0.002	405	-8	4.24	0.004
2876		19.37	19.37	0.	0.	0.00	1.	0.	-3	0.000	0.	-7	0.19	0.000
2877		19.37	19.37	0.	53	0.00	136.	0.	21	0.005	0.	-10	0.29	0.000
2878		19.37	19.37	0.	208	0.00	537.	0.	152	0.032	0.	152	0.00	0.033
2879		19.37	19.37	0.	271	0.00	700.	0.	195	0.042	0.	190	0.00	0.041
2880		19.37	19.37	70	254	0.00	679.	0.	172	0.037	0.	145	0.00	0.031
2881		19.37	19.37	291	217	0.00	654.	254	150	0.036	201	83	0.00	0.021
2882		19.37	19.37	390	163	0.00	546.	372	97	0.027	342	32	3.10	0.011
2883		19.37	19.37	401	119	0.00	438.	406	57	0.018	414	-5	4.34	0.004
2884		19.37	19.37	347	87	0.00	336.	371	29	0.011	396	-23	4.05	0.002
2885		19.37	19.37	267	53	1.07	220.	317	-2	0.004	358	-19	3.67	0.002
2886		19.37	19.37	219	5	2.27	72.	337	-17	0.002	337	-17	3.47	0.002
2887		19.37	19.37	99	1	1.04	29.	271	-15	0.001	271	-15	2.77	0.001
2888		19.37	19.37	0.	-6	0.17	-3.	38	-22	0.000	130	-13	1.27	0.000
2889		19.37	19.37	0.	-18	0.51	-8.	0.	-14	0.000	0.	-11	0.30	0.000
2890		19.37	19.37	0.	57	0.00	147.	0.	25	0.005	0.	-7	0.19	0.000
2891		19.37	19.37	262	258	0.00	750.	0.	180	0.039	0.	171	0.00	0.037
2892		19.37	19.37	94	327	0.00	874.	0.	212	0.045	0.	205	0.00	0.044
2893		19.37	19.37	255	256	0.00	743.	72	133	0.030	63	125	0.00	0.028
2894		19.37	19.37	347	192	0.00	608.	278	121	0.030	209	51	0.00	0.014
2895		19.37	19.37	385	125	0.00	448.	349	63	0.019	313	0.	3.28	0.004
2896		19.37	19.37	386	77	1.49	321.	376	23	0.010	366	-30	3.65	0.001
2897		19.37	19.37	317	36	2.67	185.	328	-9	0.003	339	-30	3.36	0.001
2898		19.37	19.37	221	1	2.31	60.	268	-30	0.000	292	-28	2.88	0.001
2899		19.37	19.37	143	-26	0.09	-17.	254	-27	0.000	253	-27	2.49	0.000
2900		19.37	19.37	0.	-31	0.86	-13.	207	-26	0.000	207	-26	2.04	0.000
2901		19.37	19.37	0.	-40	1.11	-17.	0.	-39	0.000	86	-25	0.22	0.000
2902		19.37	19.37	0.	-46	1.27	-19.	0.	-35	0.000	0.	-23	0.66	0.000
2903		19.37	19.37	0.	11	0.00	29.	0.	-2	0.000	0.	-5	0.15	0.000
2904		19.37	19.37	1102	702	0.00	2168.	229	527	0.139	11	404	0.00	0.088
2905		19.37	19.37	529	429	0.00	1278.	175	251	0.056	65	175	0.00	0.038
2906		19.37	19.37	406	235	0.00	737.	119	33	0.009	119	33	0.00	0.009
2907		19.37	19.37	363	122	0.00	431.	279	42	0.013	196	-37	0.08	0.000
2908		19.37	19.37	347	53	2.34	243.	307	-8	0.003	266	-68	0.38	0.000
2909		19.37	19.37	322	7	3.33	105.	313	-36	0.000	306	-64	0.04	0.000
2910		19.37	19.37	275	-39	0.49	-29.	295	-67	0.000	295	-57	0.08	0.000
2911		19.37	19.37	175	-65	0.80	-35.	228	-51	0.000	228	-51	0.11	0.000
2912		19.37	19.37	34	-94	2.44	-41.	181	-45	0.000	181	-45	0.21	0.000
2913		19.37	19.37	0.	-121	3.37	-51.	84	-85	0.000	133	-42	0.41	0.000
2914		19.37	19.37	0.	-147	4.10	-61.	0.	-96	0.000	30	-43	1.04	0.000
2915		19.37	19.37	0.	-166	4.62	-69.	0.	-100	0.000	0.	-34	0.96	0.000
2916		19.37	19.37	0.	-180	5.02	-75.	0.	-102	0.000	0.	-23	0.64	0.000
7234		19.37	19.37	0.	-1008	18.06	-271.	0.	-485	0.000	0.	39	0.00	0.015
7235		19.37	19.37	1838	-915	12.65	-286.	1302	-388	0.000	1021	12	3.46	0.014
7236		19.37	19.37	2661	-906	10.83	-302.	1759	-214	0.000	1441	6	5.04	0.017
7237		19.37	19.37	2143	-848	10.83	-275.	1157	-210	0.000	875	8	3.00	0.012
7238		19.37	19.37	1159	-815	12.24	-244.	737	-258	0.000	503	11	1.60	0.009
7239		19.37	19.37	961	-806	12.49	-238.	638	-241	0.000	428	14	1.23	0.009
7240		19.37	19.37	1770	-863	11.86	-271.	1125	-308	0.000	727	17	2.28	0.013
7241		19.37	19.37	2539	-825	9.62	-277.	1891	-259	0.000	1361	18	4.58	0.020
7242		19.37	19.37	2305	-889	11.25	-290.	1746	-276	0.000	1299	15	4.40	0.018
7245		19.37	19.37	1184	-841	12.66	-252.	1127	-280	0.000	940	8	3.23	0.012
7246		19.37	19.37	2610	-773	8.54	-265.	2025	-149	0.001	1809	2	6.39	0.019
7247		19.37	19.37	2602	-708	7.39	-247.	2051	-144	0.002	1862	4	6.56	0.021
7248		19.37	19.37	1962	-718	8.88	-236.	1517	-204	0.000	1321	8	4.59	0.016
7249		19.37	19.37	2003	-716	8.75	-236.	1623	-198	0.000	1456	11	5.03	0.019
7250		19.37	19.37	2783	-703	6.95	-250.	2319	-181	0.001	2095	13	7.27	0.026
7251		19.37	19.37	2780	-647	5.94	-235.	2300	-109	0.006	2113	13	7.34	0.026
7252		19.37	19.37	1428	-914	13.48	-277.	1448	-239	0.000	1071	10	3.67	0.014
7253		19.37	19.37	0.	-947	16.97	-254.	0.	-467	0.000	0.	16	0.00	0.006
7254		19.37	19.37	0.	-763	13.68	-205.	0.	-361	0.000	0.	34	0.00	0.013
7255		19.37	19.37	364	-769	13.05	-215.	929	-231	0.000	779	2	2.74	0.009
7256		19.37	19.37	2710	-645	6.05	-233.	2447	-129	0.005	2262	-4	8.06	0.023
7257		19.37	19.37	3233	-589	3.98	-229.	2880	-128	0.008	2716	-1	9.65	0.028
7258		19.37	19.37	3111	-618	4.74	-234.	2767	-191	0.002	2582	3	9.13	0.028
7259		19.37	19.37	3269	-618	4.42	-238.	2931	-191	0.003	2760	6	9.72	0.031
7260		19.37	19.37	3480	-578	3.28	-232.	3172	-139	0.009	3003	9	10.55	0.034

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7261		19.37	19.37		2691	-528	3.98	-201.		2555	-61	0.015		2445	9	8.57	0.028	
7262		19.37	19.37		63	-726	12.88	-197.		630	-73	0.000		547	7	1.83	0.008	
7263		19.37	19.37		0.	-802	14.36	-215.		0.	-389	0.000		0.	12	0.00	0.005	
7264		19.37	19.37		0.	-577	10.33	-155.		0.	-273	0.000		0.	15	0.00	0.006	
7265		19.37	19.37		0.	-594	10.65	-160.		77	-103	0.000		179	-4	0.65	0.001	
7266		19.37	19.37		2200	-424	3.12	-162.		2308	-18	0.021		2276	-8	8.14	0.022	
7267		19.37	19.37		3333	-373	0.09	-173.		3219	-13	0.031		3190	-6	11.37	0.032	
7268		19.37	19.37		3663	-418	0.04	-193.		3426	-66	0.023		3351	-2	11.90	0.035	
7269		19.37	19.37		3883	-416	0.43	-197.		3621	-60	0.026		3550	2	12.57	0.038	
7270		19.37	19.37		3481	-368	0.49	-175.		3342	-9	0.033		3328	4	11.76	0.036	
7271		19.37	19.37		2052	-364	2.35	-143.		2169	5	0.024		2169	4	7.64	0.024	
7272		19.37	19.37		0.	-582	10.43	-156.		0.	-16	0.000		0.	5	0.00	0.002	
7273		19.37	19.37		0.	-645	11.55	-173.		0.	-307	0.000		0.	11	0.00	0.004	
7275		19.37	19.37		0.	-236	4.22	-63.		0.	-90	0.000		0.	-8	0.15	0.000	
7276		19.37	19.37		1832	-166	0.76	-85.		1775	-4	0.018		1784	-5	6.37	0.018	
7277		19.37	19.37		3214	-182	11.16	69.		3121	-1	0.032		3121	-1	11.08	0.032	
7278		19.37	19.37		3773	-199	13.14	98.		3689	1	0.039		3690	1	13.07	0.039	
7279		19.37	19.37		3594	-216	12.47	64.		3574	2	0.038		3574	2	12.65	0.038	
7280		19.37	19.37		2928	-234	10.46	11.		2741	2	0.029		2742	2	9.70	0.029	
7281		19.37	19.37		1428	-303	2.52	-113.		1256	-5	0.012		1242	2	4.38	0.014	
7282		19.37	19.37		0.	-427	7.65	-115.		0.	-75	0.000		0.	4	0.00	0.002	
7283		19.37	19.37		0.	-484	8.67	-130.		0.	-228	0.000		0.	13	0.00	0.005	
7285		19.37	19.37		0.	-124	2.22	-33.		0.	-56	0.000		0.	-4	0.08	0.000	
7286		19.37	19.37		1819	-96	6.34	48.		1835	-8	0.018		1849	3	6.53	0.020	
7287		19.37	19.37		3009	-114	10.72	147.		3031	6	0.033		3031	6	10.69	0.033	
7288		19.37	19.37		3396	-133	12.07	157.		3435	5	0.037		3435	5	12.12	0.037	
7289		19.37	19.37		3214	-156	11.25	101.		3168	2	0.034		3174	5	11.21	0.035	
7290		19.37	19.37		2707	-180	9.42	33.		2583	0.	0.027		2576	4	9.09	0.028	
7291		19.37	19.37		1396	-249	1.63	-98.		1264	-39	0.006		1216	2	4.29	0.013	
7292		19.37	19.37		0.	-322	5.77	-87.		0.	-117	0.000		0.	4	0.00	0.002	
7293		19.37	19.37		0.	-354	6.34	-95.		0.	-171	0.000		0.	13	0.00	0.005	
7295		19.37	19.37		0.	-453	8.12	-122.		0.	-53	0.000		0.	-7	0.12	0.000	
7296		19.37	19.37		1632	-280	1.70	-111.		1934	-9	0.018		1935	-9	6.94	0.018	
7297		19.37	19.37		3149	-284	1.32	-145.		3181	-7	0.032		3182	-7	11.35	0.032	
7298		19.37	19.37		3791	-286	13.40	23.		3588	-4	0.037		3589	-4	12.76	0.037	
7299		19.37	19.37		3929	-290	13.84	28.		3753	0.	0.039		3754	0.	13.31	0.039	
7300		19.37	19.37		3241	-297	1.27	-151.		3216	2	0.034		3216	2	11.39	0.034	
7301		19.37	19.37		1508	-338	3.00	-124.		1741	3	0.019		1741	3	6.14	0.019	
7303		19.37	19.37		0.	-339	6.07	-91.		0.	-78	0.000		0.	-9	0.15	0.000	
7304		19.37	19.37		1651	-222	0.62	-96.		1571	-8	0.015		1571	-8	5.64	0.015	
7305		19.37	19.37		3168	-236	11.18	21.		3022	-5	0.030		3023	-5	10.77	0.031	
7306		19.37	19.37		3866	-250	13.44	53.		3676	-2	0.038		3677	-2	13.06	0.038	
7307		19.37	19.37		3850	-263	13.43	42.		3728	1	0.039		3729	1	13.21	0.039	
7308		19.37	19.37		3075	-277	1.29	-142.		3083	2	0.033		3083	2	10.91	0.033	
7309		19.37	19.37		1339	-335	3.28	-119.		1586	3	0.017		1585	3	5.59	0.017	
7310		19.37	19.37		0.	-475	8.51	-128.		0.	-27	0.000		0.	4	0.00	0.002	
7311		19.37	19.37		0.	-462	8.27	-124.		0.	-37	0.000		0.	4	0.00	0.002	
7312		19.37	19.37		0.	-516	9.24	-139.		0.	-55	0.000		0.	5	0.00	0.002	
7313		19.37	19.37		0.	-555	9.94	-149.		0.	-262	0.000		0.	12	0.00	0.004	
7315		19.37	19.37		513	-1102	18.70	-307.		402	-285	0.000		248	96	0.00	0.038	
7316		19.37	19.37		2029	-1098	15.56	-340.		1410	-194	0.000		1063	87	0.00	0.041	
7317		19.37	19.37		2242	-950	12.47	-305.		1625	-214	0.000		1239	88	0.93	0.043	
7318		19.37	19.37		1974	-1091	15.53	-337.		1287	-382	0.000		913	94	0.00	0.043	
7319		19.37	19.37		2162	-1086	15.06	-339.		1609	-240	0.000		1406	107	0.30	0.052	
7320		19.37	19.37		3289	-1078	12.62	-362.		2819	-379	0.000		2418	124	5.12	0.067	
7321		19.37	19.37		4243	-1070	10.56	-381.		3599	-342	0.000		3124	143	7.45	0.080	
7322		19.37	19.37		5285	-1173	10.27	-431.		4337	-321	0.002		3746	168	9.10	0.095	
7323		19.37	19.37		6177	-1149	8.03	-444.		5229	-478	0.000		4278	193	10.32	0.109	
7324		19.37	19.37		5074	-1142	10.16	-418.		4233	-468	0.000		3392	206	5.38	0.106	
7325		19.37	19.37		0.	-1105	19.80	-297.		0.	-430	0.000		0.	246	0.00	0.094	
7326		19.37	19.37		0.	-1125	20.17	-302.		0.	-506	0.000		0.	113	0.00	0.043	
7327		19.37	19.37		0.	-1023	18.33	-275.		180	-127	0.000		35	95	0.00	0.037	
7328		19.37	19.37		1880	-883	12.01	-279.		1503	-107	0.001		1280	88	1.26	0.044	
7329		19.37	19.37		2454	-812	9.55	-272.		1979	-116	0.003		1756	89	3.80	0.048	
7330		19.37	19.37		2495	-967	12.25	-315.		1972	-222	0.000		1698	94	3.25	0.050	
7331		19.37	19.37		2834	-956	11.37	-319.		2443	-210	0.000		2245	104	5.29	0.058	
7332		19.37	19.37		3716	-939	9.28	-334.		3267	-281	0.000		2952	118	7.72	0.070	
7333		19.37	19.37		4417	-942	7.90	-350.		3803	-187	0.009		3491	132	9.45	0.080	
7334		19.37	19.37		5119	-1068	8.74	-400.		4456	-281	0.005		3931	145	10.75	0.089	
7335		19.37	19.37		4593	-1087	10.15	-393.		4005	-465	0.000		3417	157	8.12	0.088	
7336		19.37	19.37		1703	-1092	16.10	-331.		1564	-465	0.000		1314	162	0.00	0.071	
7338		19.37	19.37		0.	-938	16.81	-252.		0.	-417	0.000		0.	105	0.00	0.040	
7339		19.37	19.37		0.	-940	16.85	-253.		0.	-74	0.000		0.	92	0.00	0.035	
7340		19.37	19.37		1502	-745	10.30	-233.		1608	-32	0.011		1494	87	2.61	0.045	
7341		19.37	19.37		2805	-622	5.44	-229.		2586	-31	0.021		2473	87	6.91	0.054	
7342		19.37	19.37		3350	-765	6.89	-279.		2939	-113	0.011		2772	90	7.98	0.058	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7343		19.37	19.37		4005	-763	5.53	-293.		3637	-206	0.006		3444	95	10.43	0.067	
7344		19.37	19.37		4511	-763	4.50	-304.		4129	-203	0.010		3891	100	11.99	0.073	
7345		19.37	19.37		4547	-765	4.47	-306.		4118	-103	0.024		3924	103	12.03	0.074	
7346		19.37	19.37		3788	-943	9.20	-337.		3518	-104	0.018		3309	104	9.66	0.068	
7347		19.37	19.37		1130	-958	14.88	-282.		1536	-432	0.000		1626	96	2.79	0.050	
7348		19.37	19.37		0.	-988	17.69	-265.		0.	-457	0.000		0.	75	0.00	0.029	
7349		19.37	19.37		0.	-1012	18.12	-272.		0.	-479	0.000		0.	53	0.00	0.020	
7350		19.37	19.37		0.	-731	13.10	-197.		0.	-322	0.000		0.	88	0.00	0.034	
7351		19.37	19.37		0.	-737	13.20	-198.		0.	-78	0.000		0.	83	0.00	0.032	
7352		19.37	19.37		1152	-540	7.34	-171.		1176	80	0.040		1177	80	1.22	0.040	
7353		19.37	19.37		2767	-441	2.28	-179.		2557	79	0.052		2558	79	7.50	0.052	
7354		19.37	19.37		3795	-477	0.84	-212.		3439	78	0.061		3441	78	10.86	0.061	
7355		19.37	19.37		4272	-480	0.09	-223.		3977	-4	0.041		3922	76	12.68	0.065	
7356		19.37	19.37		4249	-486	0.07	-224.		4007	-8	0.040		3947	71	12.88	0.064	
7357		19.37	19.37		3570	-526	2.16	-220.		3384	62	0.055		3385	62	11.03	0.055	
7358		19.37	19.37		1952	-785	10.09	-254.		2077	-10	0.020		2100	45	6.70	0.036	
7359		19.37	19.37		0.	-816	14.61	-219.		0.	-399	0.000		0.	18	0.00	0.007	
7360		19.37	19.37		0.	-859	15.40	-231.		0.	-440	0.000		0.	-21	0.38	0.000	
7362		19.37	19.37		0.	-547	9.80	-147.		0.	-240	0.000		0.	67	0.00	0.026	
7363		19.37	19.37		0.	-549	9.84	-148.		0.	-159	0.000		0.	67	0.00	0.026	
7364		19.37	19.37		1501	-486	5.66	-164.		1431	-4	0.014		1432	66	3.41	0.037	
7365		19.37	19.37		2994	-398	1.05	-173.		2818	39	0.042		2818	63	8.92	0.049	
7366		19.37	19.37		3755	-337	1.59	-173.		3564	35	0.048		3564	58	11.76	0.055	
7367		19.37	19.37		3919	-346	1.77	-179.		3750	26	0.047		3753	50	12.60	0.055	
7368		19.37	19.37		3584	-360	0.83	-175.		3407	13	0.040		3415	36	11.63	0.047	
7369		19.37	19.37		3042	-449	1.86	-187.		2684	-7	0.027		2672	16	9.29	0.033	
7370		19.37	19.37		1886	-636	7.57	-212.		1501	-129	0.000		1422	-14	5.14	0.012	
7371		19.37	19.37		0.	-674	12.07	-181.		0.	-367	0.000		0.	-54	0.97	0.000	
7372		19.37	19.37		0.	-691	12.39	-186.		0.	-414	0.000		0.	-107	1.92	0.000	
7374		19.37	19.37		0.	-380	6.81	-102.		0.	-170	0.000		0.	41	0.00	0.016	
7375		19.37	19.37		0.	-379	6.78	-102.		0.	-168	0.000		0.	43	0.00	0.017	
7376		19.37	19.37		1623	-381	3.53	-138.		1600	-68	0.005		1600	42	4.90	0.030	
7377		19.37	19.37		2837	-337	0.28	-153.		2753	-30	0.023		2751	38	9.21	0.040	
7378		19.37	19.37		3350	-281	12.11	6.		3275	-39	0.027		3275	30	11.23	0.043	
7379		19.37	19.37		3279	-295	1.39	-151.		3226	-52	0.024		3238	17	11.28	0.039	
7380		19.37	19.37		3127	-314	0.73	-153.		2995	-71	0.018		2981	-2	10.59	0.031	
7381		19.37	19.37		2658	-418	2.09	-171.		2429	-99	0.008		2393	-30	8.68	0.019	
7382		19.37	19.37		1549	-455	5.01	-156.		1353	-225	0.000		1236	-67	4.30	0.002	
7383		19.37	19.37		0.	-451	8.09	-121.		0.	-265	0.000		0.	-80	1.43	0.000	
7384		19.37	19.37		0.	-451	8.08	-121.		0.	-266	0.000		0.	-81	1.45	0.000	
7385		19.37	19.37		0.	-453	8.11	-122.		0.	-269	0.000		0.	-85	1.52	0.000	
7758		19.37	19.37		0.	-283	5.07	-76.		0.	-182	0.000		0.	39	0.00	0.015	
7765		19.37	19.37		0.	-225	4.03	-60.		0.	-156	0.000		0.	9	0.00	0.003	
7766		19.37	19.37		692	-297	3.91	-95.		1313	-125	0.000		1255	39	3.68	0.026	
7767		19.37	19.37		1669	-273	1.50	-110.		1309	-27	0.009		1217	34	3.68	0.024	
7768		19.37	19.37		1429	-313	2.70	-115.		806	-41	0.002		759	25	2.17	0.016	
7769		19.37	19.37		1632	-399	3.83	-143.		1122	-111	0.000		974	18	3.18	0.016	
7770		19.37	19.37		1214	-541	7.23	-172.		876	-155	0.000		853	15	2.79	0.014	
7772		19.37	19.37		0.	-112	2.01	-30.		0.	-103	0.000		0.	-21	0.38	0.000	
7773		19.37	19.37		315	-186	2.68	-57.		1411	-124	0.000		1353	13	4.63	0.018	
7774		19.37	19.37		1896	-215	0.00	-99.		1830	-34	0.013		1743	19	5.93	0.024	
7775		19.37	19.37		1920	-268	0.90	-114.		1407	-42	0.007		1373	16	4.65	0.019	
7776		19.37	19.37		1924	-359	2.52	-139.		1664	-108	0.002		1508	11	5.20	0.019	
7777		19.37	19.37		906	-497	7.07	-153.		956	-149	0.000		850	14	2.81	0.013	
7778		19.37	19.37		0.	-617	11.05	-166.		0.	-334	0.000		0.	46	0.00	0.018	
7779		19.37	19.37		0.	-73	1.31	-20.		0.	-86	0.000		0.	-23	0.41	0.000	
7780		19.37	19.37		0.	-115	2.06	-31.		1234	-47	0.005		1274	-19	4.63	0.010	
7781		19.37	19.37		2055	-160	7.30	10.		2302	-23	0.020		2281	-3	8.12	0.023	
7782		19.37	19.37		2616	-206	9.33	11.		2166	-22	0.018		2151	1	7.62	0.023	
7783		19.37	19.37		2228	-304	0.92	-131.		2085	-67	0.010		1996	1	7.07	0.021	
7784		19.37	19.37		187	-406	6.89	-113.		726	-125	0.000		690	5	2.38	0.009	
7785		19.37	19.37		0.	-515	9.23	-138.		0.	-291	0.000		0.	27	0.00	0.010	
7786		19.37	19.37		0.	-71	1.27	-19.		0.	-78	0.000		0.	-37	0.67	0.000	
7787		19.37	19.37		60	-111	1.86	-31.		902	-13	0.007		915	-13	3.32	0.007	
7788		19.37	19.37		2116	-140	7.37	26.		2333	-22	0.020		2333	-22	8.44	0.020	
7789		19.37	19.37		2732	-163	9.48	49.		2489	-14	0.023		2490	-15	8.95	0.023	
7790		19.37	19.37		2046	-256	0.43	-114.		1997	-10	0.019		1997	-10	7.17	0.019	
7791		19.37	19.37		0.	-345	6.18	-93.		229	-5	0.002		238	-4	0.86	0.002	
7792		19.37	19.37		0.	-440	7.88	-118.		0.	-229	0.000		0.	11	0.00	0.004	
7793		19.37	19.37		0.	-65	1.16	-17.		0.	-68	0.000		0.	-43	0.76	0.000	
7794		19.37	19.37		361	-75	0.61	-28.		790	-24	0.004		798	-25	2.88	0.004	
7795		19.37	19.37		2238	-123	7.78	52.		2222	-12	0.021		2223	-12	7.99	0.021	
7796		19.37	19.37		2549	-144	8.85	55.		2517	-5	0.025		2518	-5	8.97	0.025	
7797		19.37	19.37		1899	-233	0.32	-104.		1807	-20	0.015		1808	-20	6.55	0.015	
7798		19.37	19.37		0.	-304	5.45	-82.		0.	-4	0.000		0.	-12	0.21	0.000	
7800		19.37	19.37		0.	-53	0.95	-14.		0.	-56	0.000		0.	-39	0.70	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7801		19.37	19.37		628	-34	2.18	15.		921	-26	0.005		944	-29	3.40	0.005	
7802		19.37	19.37		2073	-44	7.54	172.		2200	-21	0.019		2201	-21	7.96	0.019	
7803		19.37	19.37		2245	-67	8.10	145.		2316	-14	0.021		2317	-15	8.34	0.021	
7804		19.37	19.37		1720	-174	0.37	-85.		1758	-8	0.017		1762	-9	6.33	0.017	
7805		19.37	19.37		0.	-254	4.56	-68.		35	-22	0.000		25	-1	0.09	0.000	
7807		19.37	19.37		0.	-37	0.67	-10.		0.	-42	0.000		0.	-31	0.55	0.000	
7808		19.37	19.37		654	-2	2.34	81.		948	-25	0.005		968	-27	3.50	0.005	
7809		19.37	19.37		1815	3	6.40	252.		2007	-24	0.016		2007	-25	7.28	0.016	
7810		19.37	19.37		1832	-3	6.52	238.		1976	-5	0.020		1989	-21	7.20	0.017	
7811		19.37	19.37		1477	-57	5.26	70.		1547	-1	0.016		1543	-16	5.59	0.013	
7812		19.37	19.37		0.	-117	2.09	-31.		0.	-15	0.000		0.	-9	0.16	0.000	
7814		19.37	19.37		0.	-17	0.31	-5.		0.	-28	0.000		0.	-16	0.29	0.000	
7815		19.37	19.37		533	19	1.48	123.		795	-13	0.006		861	-20	3.13	0.005	
7816		19.37	19.37		1467	33	4.63	284.		1695	-22	0.014		1696	-22	6.15	0.013	
7817		19.37	19.37		1430	57	3.74	345.		1576	11	0.020		1594	-21	5.79	0.013	
7818		19.37	19.37		1217	37	3.58	262.		1258	18	0.019		1228	-18	4.46	0.009	
7819		19.37	19.37		0.	-16	0.28	-4.		0.	-12	0.000		0.	-12	0.22	0.000	
7821		19.37	19.37		0.	-784	14.05	-211.		0.	-323	0.000		0.	64	0.00	0.024	
7824		19.37	19.37		0.	-723	12.96	-194.		0.	-340	0.000		0.	65	0.00	0.025	
7841		19.37	19.37		0.	-459	8.23	-123.		0.	-216	0.000		0.	5	0.00	0.002	
7842		19.37	19.37		0.	-426	7.63	-114.		0.	-202	0.000		0.	3	0.00	0.001	
7850		19.37	19.37		4632	-644	2.13	-275.		3771	-143	0.014		3117	205	3.83	0.103	
7851		19.37	19.37		3870	-669	4.13	-265.		3207	-185	0.005		2611	147	4.86	0.077	
7852		19.37	19.37		2546	-614	5.82	-221.		1836	-137	0.001		1557	56	4.31	0.035	
7853		19.37	19.37		1694	-619	7.65	-204.		1333	-172	0.000		1144	26	3.61	0.020	
7855		19.37	19.37		1060	-578	8.19	-178.		829	-72	0.000		776	65	0.00	0.031	
7856		19.37	19.37		1522	-551	6.77	-181.		1112	-214	0.000		917	60	1.15	0.030	
7857		19.37	19.37		2743	-434	2.19	-177.		1922	-165	0.000		1468	50	4.17	0.031	
7858		19.37	19.37		3408	-415	0.50	-186.		2617	-227	0.000		1995	23	6.75	0.028	
7860		19.37	19.37		0.	-347	6.21	-93.		0.	-205	0.000		352	-13	1.26	0.001	
7862		19.37	19.37		539	-659	10.71	-189.		669	-221	0.000		888	217	0.00	0.088	
7863		19.37	19.37		3479	-605	3.76	-239.		2942	-157	0.006		2558	177	2.42	0.088	
7864		19.37	19.37		3725	-613	3.40	-246.		3193	-119	0.012		2799	130	6.61	0.073	
7865		19.37	19.37		3275	-521	2.68	-212.		2833	-91	0.013		2617	62	8.19	0.047	
7866		19.37	19.37		2824	-516	3.50	-201.		2555	-125	0.006		2427	21	8.33	0.032	
7867		19.37	19.37		1979	-448	4.00	-164.		1825	-119	0.002		1779	29	5.87	0.028	
7868		19.37	19.37		1759	-472	4.89	-166.		1557	-35	0.010		1535	52	4.36	0.033	
7869		19.37	19.37		2376	-445	3.14	-172.		1867	-167	0.000		1613	46	4.83	0.032	
7870		19.37	19.37		3030	-345	0.02	-159.		2462	-143	0.004		2232	34	7.41	0.034	
7871		19.37	19.37		3181	-317	0.78	-155.		2720	-182	0.002		2286	3	8.07	0.025	
7872		19.37	19.37		1609	-236	0.96	-99.		1999	-148	0.001		1642	-2	5.84	0.017	
7873		19.37	19.37		0.	-261	4.67	-70.		0.	-163	0.000		0.	-31	0.55	0.000	
7874		19.37	19.37		0.	-633	11.34	-170.		0.	-247	0.000		0.	140	0.00	0.054	
7875		19.37	19.37		0.	-603	10.80	-162.		0.	-227	0.000		0.	149	0.00	0.057	
7876		19.37	19.37		2086	-580	6.16	-202.		2152	-227	0.000		1964	127	2.55	0.064	
7877		19.37	19.37		3671	-562	2.60	-232.		3359	-108	0.016		3031	98	8.74	0.064	
7878		19.37	19.37		3786	-422	0.14	-196.		3434	-92	0.019		3235	60	10.53	0.053	
7879		19.37	19.37		3543	-411	0.16	-188.		3234	-119	0.013		3095	14	10.81	0.037	
7880		19.37	19.37		3083	-358	0.15	-164.		2813	-107	0.011		2761	18	9.57	0.034	
7881		19.37	19.37		2676	-356	0.93	-154.		2443	-58	0.015		2420	30	8.17	0.034	
7882		19.37	19.37		3342	-322	1.03	-160.		2950	-150	0.007		2752	24	9.45	0.036	
7883		19.37	19.37		3458	-234	12.06	39.		3128	-128	0.011		2951	4	10.42	0.032	
7884		19.37	19.37		2903	-171	10.07	54.		2807	-112	0.010		2565	-9	9.17	0.025	
7885		19.37	19.37		81	-139	2.32	-39.		1507	-99	0.002		1381	-28	5.02	0.009	
7886		19.37	19.37		0.	-91	1.63	-24.		0.	-80	0.000		0.	-59	1.05	0.000	
7888		19.37	19.37		0.	-545	9.77	-147.		0.	-245	0.000		0.	57	0.00	0.022	
7889		19.37	19.37		0.	-494	8.85	-133.		190	-215	0.000		633	65	0.00	0.029	
7890		19.37	19.37		2641	-454	2.76	-180.		2631	-24	0.023		2519	54	8.02	0.044	
7891		19.37	19.37		3646	-299	13.11	9.		3447	-40	0.028		3344	33	11.42	0.045	
7892		19.37	19.37		3937	-281	13.80	34.		3685	-60	0.027		3604	6	12.71	0.040	
7893		19.37	19.37		3859	-254	13.43	49.		3575	-44	0.029		3550	5	12.54	0.038	
7894		19.37	19.37		3555	-224	12.35	53.		3289	-51	0.025		3272	8	11.51	0.037	
7895		19.37	19.37		3699	-183	12.93	111.		3488	-57	0.026		3436	-4	12.22	0.035	
7896		19.37	19.37		3299	-126	11.75	158.		3270	-14	0.031		3269	-14	11.71	0.031	
7897		19.37	19.37		2122	-100	7.44	71.		2461	-31	0.020		2458	-32	8.92	0.020	
7898		19.37	19.37		0.	-74	1.33	-20.		560	-64	0.000		810	-52	2.81	0.001	
7899		19.37	19.37		0.	-52	0.93	-14.		0.	-58	0.000		0.	-64	1.15	0.000	
7901		19.37	19.37		0.	-511	9.16	-137.		0.	-269	0.000		0.	-27	0.48	0.000	
7902		19.37	19.37		0.	-441	7.89	-118.		0.	-221	0.000		0.	-1	0.01	0.000	
7903		19.37	19.37		1378	-382	4.04	-133.		1719	7	0.020		1720	6	6.03	0.020	
7904		19.37	19.37		3026	-201	10.54	37.		2985	1	0.032		2988	1	10.58	0.032	
7905		19.37	19.37		3778	-180	13.24	124.		3632	-11	0.036		3634	-11	12.99	0.036	
7906		19.37	19.37		4039	-160	14.35	184.		3842	-13	0.038		3844	-13	13.75	0.038	
7907		19.37	19.37		3950	-139	14.14	212.		3736	-11	0.037		3737	-12	13.36	0.037	
7908		19.37	19.37		3562	-117	12.80	206.		3576	-19	0.034		3576	-19	12.84	0.034	
7909		19.37	19.37		2828	-97	10.14	156.		3077	-31	0.026		3076	-31	11.13	0.026	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7910		19.37	19.37		1441	-81	5.01	31.		1938	-47	0.012		1935	-47	7.02	0.011	
7911		19.37	19.37		0.	-76	1.36	-20.		0.	-61	0.000		22	-62	1.07	0.000	
7912		19.37	19.37		0.	-40	0.71	-11.		0.	-49	0.000		0.	-58	1.04	0.000	
7914		19.37	19.37		0.	-483	8.65	-130.		0.	-289	0.000		0.	-95	1.71	0.000	
7915		19.37	19.37		0.	-406	7.28	-109.		0.	-229	0.000		0.	-60	1.07	0.000	
7916		19.37	19.37		1470	-342	3.14	-124.		1148	-64	0.002		1120	-39	4.01	0.005	
7917		19.37	19.37		2606	-204	9.28	11.		2441	-30	0.020		2443	-30	8.86	0.020	
7918		19.37	19.37		3387	-166	11.85	104.		3350	-29	0.029		3352	-29	12.11	0.029	
7919		19.37	19.37		3891	-136	13.93	210.		3787	-26	0.034		3789	-26	13.65	0.034	
7920		19.37	19.37		3971	-117	14.34	258.		3841	-26	0.035		3842	-26	13.84	0.035	
7921		19.37	19.37		3667	-100	13.27	254.		3546	-33	0.031		3547	-33	12.82	0.031	
7922		19.37	19.37		2928	-75	10.61	214.		2866	-44	0.022		2865	-44	10.41	0.022	
7923		19.37	19.37		1653	-53	5.95	99.		1727	-52	0.008		1725	-52	6.22	0.008	
7924		19.37	19.37		0.	-58	1.04	-16.		0.	-58	0.000		0.	-53	0.95	0.000	
7925		19.37	19.37		0.	-20	0.35	-5.		0.	-36	0.000		0.	-52	0.94	0.000	
7926		19.37	19.37		0.	-536	9.60	-144.		0.	-359	0.000		0.	-141	2.53	0.000	
7927		19.37	19.37		0.	-452	8.10	-122.		0.	-300	0.000		0.	-114	2.05	0.000	
7928		19.37	19.37		0.	-379	6.79	-102.		0.	-244	0.000		0.	-87	1.56	0.000	
7929		19.37	19.37		1585	-314	2.40	-119.		1355	-94	0.001		1293	-62	4.53	0.003	
7930		19.37	19.37		2692	-201	9.49	18.		2476	-45	0.017		2456	-44	8.93	0.017	
7931		19.37	19.37		3323	-141	11.75	135.		3160	-31	0.027		3153	-34	11.42	0.026	
7932		19.37	19.37		3530	-97	12.77	244.		3491	-31	0.030		3493	-31	12.62	0.030	
7933		19.37	19.37		3672	-64	13.35	336.		3666	-34	0.032		3667	-34	13.25	0.032	
7934		19.37	19.37		3455	-39	12.52	367.		3459	-38	0.029		3459	-38	12.53	0.029	
7935		19.37	19.37		2794	-25	10.10	312.		2843	-40	0.022		2842	-40	10.32	0.022	
7936		19.37	19.37		1630	-20	5.91	168.		1772	-42	0.011		1770	-42	6.43	0.011	
7937		19.37	19.37		0.	-42	0.75	-11.		0.	-46	0.000		87	-45	0.63	0.000	
7938		19.37	19.37		0.	6	0.00	14.		0.	-21	0.000		0.	-47	0.85	0.000	
7951		19.37	19.37		0.	-745	13.35	-200.		0.	-220	0.000		0.	306	0.00	0.118	
7952		19.37	19.37		0.	-678	12.15	-182.		0.	-182	0.000		0.	315	0.00	0.121	
7956		19.37	19.37		0.	-618	11.07	-166.		0.	-295	0.000		0.	29	0.00	0.011	
8450		19.37	19.37		774	-295	3.70	-96.		935	-135	0.000		1136	61	2.28	0.032	
8451		19.37	19.37		1488	-437	4.81	-150.		967	-132	0.000		956	62	1.23	0.031	
8454		19.37	19.37		1546	-296	2.16	-113.		770	-62	0.000		670	43	0.87	0.022	
8455		19.37	19.37		1379	-386	4.11	-134.		751	-98	0.000		599	46	0.04	0.022	
8457		19.37	19.37		1213	-346	3.73	-120.		847	-127	0.000		733	55	0.17	0.027	
8458		19.37	19.37		1007	-338	4.02	-113.		362	-69	0.000		298	31	0.00	0.014	
8459		19.37	19.37		1104	-438	5.61	-142.		655	-128	0.000		511	29	0.93	0.015	
8461		19.37	19.37		1144	-398	4.80	-132.		765	-126	0.000		638	35	1.23	0.019	
8462		19.37	19.37		1378	-430	4.91	-146.		664	-126	0.000		461	21	1.09	0.012	
8463		19.37	19.37		1251	-500	6.41	-162.		729	-139	0.000		497	17	1.39	0.011	
8465		19.37	19.37		1311	-457	5.52	-152.		805	-129	0.000		591	19	1.70	0.012	
8466		19.37	19.37		1555	-594	7.48	-194.		499	-193	0.000		634	19	1.89	0.013	
8469		19.37	19.37		1493	-558	6.97	-183.		558	-165	0.000		408	14	1.16	0.009	
8470		19.37	19.37		0.	-707	12.66	-190.		0.	-325	0.000		0.	62	0.00	0.024	
8471		19.37	19.37		0.	-899	16.12	-242.		0.	-422	0.000		0.	38	0.00	0.015	
8472		19.37	19.37		0.	-72	1.29	-19.		0.	-49	0.000		0.	-4	0.07	0.000	
8473		19.37	19.37		0.	-111	1.99	-30.		0.	-52	0.000		0.	-8	0.15	0.000	
8474		19.37	19.37		0.	-200	3.58	-54.		0.	-73	0.000		0.	-9	0.16	0.000	
8475		19.37	19.37		0.	-325	5.82	-87.		0.	-142	0.000		0.	-7	0.12	0.000	
8476		19.37	19.37		0.	-361	6.47	-97.		0.	-157	0.000		0.	-4	0.07	0.000	
8477		19.37	19.37		0.	-379	6.79	-102.		0.	-200	0.000		0.	1	0.00	0.000	
8478		19.37	19.37		0.	-417	7.47	-112.		0.	-207	0.000		0.	3	0.00	0.001	
8479		19.37	19.37		0.	-382	6.85	-103.		0.	-180	0.000		0.	-1	0.02	0.000	
8480		19.37	19.37		0.	-312	5.59	-84.		0.	-148	0.000		0.	-5	0.10	0.000	
8481		19.37	19.37		0.	-217	3.89	-58.		0.	-103	0.000		0.	-9	0.16	0.000	
8482		19.37	19.37		3221	-691	5.83	-256.		2756	-218	0.001		2136	256	0.00	0.113	
8483		19.37	19.37		3816	-718	5.11	-277.		3158	-217	0.003		2493	285	0.00	0.126	
8485		19.37	19.37		1063	-730	10.93	-220.		1065	-215	0.000		1010	301	0.00	0.121	
8486		19.37	19.37		1136	-521	7.03	-165.		892	-151	0.000		810	35	2.02	0.020	
8487		19.37	19.37		1330	-607	8.17	-192.		1204	-177	0.000		1124	46	2.91	0.027	
8489		19.37	19.37		1309	-646	8.91	-202.		1124	-183	0.000		1007	36	2.80	0.022	
8490		19.37	19.37		2588	-260	0.60	-127.		2332	-158	0.002		1785	-6	6.38	0.018	
8491		19.37	19.37		1984	-431	3.70	-159.		1880	-241	0.000		1626	17	5.54	0.022	
8493		19.37	19.37		3075	-478	2.31	-196.		2575	-269	0.000		1960	15	6.76	0.025	
8494		19.37	19.37		0.	-1078	19.31	-290.		0.	-450	0.000		0.	178	0.00	0.068	
8495		19.37	19.37		0.	-676	12.12	-182.		0.	-215	0.000		0.	247	0.00	0.095	
8496		19.37	19.37		0.	-622	11.15	-167.		0.	-324	0.000		0.	-25	0.45	0.000	
8497		19.37	19.37		0.	-607	10.88	-163.		0.	-344	0.000		0.	-81	1.45	0.000	
8498		19.37	19.37		0.	-572	10.26	-154.		0.	-363	0.000		0.	-153	2.74	0.000	
8499		19.37	19.37		0.	-598	10.72	-161.		0.	-360	0.000		0.	-121	2.17	0.000	
8500		19.37	19.37		0.	-931	16.69	-250.		0.	-509	0.000		0.	-87	1.55	0.000	
8501		19.37	19.37		0.	-703	12.59	-189.		0.	-426	0.000		0.	-149	2.68	0.000	
8502		19.37	19.37		0.	65	0.00	167.		0.	22	0.009		0.	-20	0.36	0.000	
8504		19.37	19.37		0.	40	0.00	103.		0.	6	0.002		0.	-28	0.50	0.000	
8505		19.37	19.37		0.	71	0.00	184.		0.	22	0.008		0.	-27	0.49	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9526		19.37	19.37		0.	-1111	19.91	-299.		0.	-549	0.000		0.	22	0.00	0.008	
9527		19.37	19.37		0.	-1010	18.10	-271.		0.	-502	0.000		0.	19	0.00	0.007	
9528		19.37	19.37		1007	-1090	17.48	-315.		684	-203	0.000		1116	15	3.75	0.016	
9530		19.37	19.37		0.	-1086	19.46	-292.		0.	-316	0.000		0.	114	0.00	0.044	
9531		19.37	19.37		0.	-1211	21.71	-326.		0.	-545	0.000		0.	116	0.00	0.045	
9532		19.37	19.37		0.	-1299	23.27	-349.		0.	-594	0.000		0.	112	0.00	0.043	

ARMATURA SUPERIORE VERTICALE

GUSCI	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE					
	Af	Afc	Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP
2709	15.83	15.83	194	114	0.00	393.	272	-1	0.004	304	-68	0.60	0.000
2710	15.83	15.83	114	100	0.00	335.	223	-6	0.002	245	-57	0.54	0.000
2711	15.83	15.83	0.	99	0.00	313.	85	2	0.002	145	-43	0.48	0.000
2712	15.83	15.83	0.	107	0.00	339.	0.	10	0.005	0.	-38	0.69	0.000
2713	15.83	15.83	0.	127	0.00	401.	0.	22	0.011	42	-39	0.62	0.000
2714	15.83	15.83	0.	136	0.00	431.	0.	15	0.008	0.	-37	0.67	0.000
2715	15.83	15.83	0.	95	0.00	299.	0.	-9	0.000	0.	-32	0.59	0.000
2716	15.83	15.83	0.	39	0.00	123.	0.	6	0.003	0.	-24	0.43	0.000
2717	15.83	15.83	47	54	0.00	179.	50	29	0.015	68	-12	0.08	0.000
2718	15.83	15.83	391	56	0.00	246.	508	31	0.022	522	2	2.03	0.008
2719	15.83	15.83	290	31	0.00	147.	521	22	0.017	542	9	1.99	0.011
2720	15.83	15.83	0.	15	0.00	46.	359	15	0.012	375	11	1.24	0.010
2721	15.83	15.83	0.	8	0.00	27.	183	5	0.005	210	11	0.49	0.008
2722	15.83	15.83	116	11	0.00	56.	318	2	0.005	375	7	1.35	0.008
2723	15.83	15.83	77	24	0.00	89.	246	7	0.006	347	5	1.28	0.007
2724	15.83	15.83	0.	47	0.00	147.	0.	20	0.011	0.	11	0.00	0.006
2725	15.83	15.83	0.	61	0.00	194.	0.	31	0.016	0.	24	0.00	0.013
2726	15.83	15.83	0.	65	0.00	207.	0.	37	0.019	0.	35	0.00	0.018
2727	15.83	15.83	0.	60	0.00	189.	0.	37	0.019	0.	44	0.00	0.023
2728	15.83	15.83	0.	46	0.00	145.	0.	33	0.017	161	51	0.00	0.028
2729	15.83	15.83	0.	32	0.00	102.	79	28	0.015	259	56	0.00	0.031
2730	15.83	15.83	0.	27	0.00	85.	0.	26	0.014	171	52	0.00	0.028
2731	15.83	15.83	0.	33	0.00	103.	0.	33	0.017	0.	48	0.00	0.025
2732	15.83	15.83	0.	53	0.00	167.	0.	51	0.026	93	54	0.00	0.029
2733	15.83	15.83	0.	92	0.00	291.	133	87	0.046	277	81	0.00	0.044
2734	15.83	15.83	114	154	0.00	508.	224	146	0.077	334	139	0.00	0.075
2735	15.83	15.83	0.	239	0.00	754.	0.	228	0.118	0.	223	0.00	0.116
2736	15.83	15.83	0.	303	0.00	956.	0.	284	0.148	0.	270	0.00	0.140
2737	15.83	15.83	0.	338	0.00	1068.	0.	318	0.165	0.	298	0.00	0.155
2738	15.83	15.83	0.	343	0.00	1083.	0.	325	0.169	0.	307	0.00	0.160
2739	15.83	15.83	0.	316	0.00	999.	0.	307	0.160	0.	297	0.00	0.155
2740	15.83	15.83	0.	262	0.00	827.	0.	266	0.138	9	270	0.00	0.140
2741	15.83	15.83	127	187	0.00	613.	434	200	0.107	607	207	0.00	0.112
2742	15.83	15.83	217	128	0.00	444.	590	139	0.077	704	146	0.00	0.081
2743	15.83	15.83	208	89	0.00	317.	625	87	0.051	687	91	0.00	0.053
2744	15.83	15.83	106	69	0.00	237.	570	46	0.030	581	46	0.00	0.030
2745	15.83	15.83	226	66	0.00	247.	698	13	0.015	697	13	2.51	0.015
2746	15.83	15.83	571	87	0.00	376.	902	-5	0.011	901	-5	3.56	0.011
2747	15.83	15.83	717	130	0.00	537.	963	-5	0.012	980	-24	3.85	0.008
2748	15.83	15.83	679	181	0.00	692.	874	29	0.025	918	-46	3.37	0.003
2749	15.83	15.83	641	238	0.00	864.	812	52	0.036	876	-61	3.16	0.001
2750	15.83	15.83	371	306	0.00	1031.	595	84	0.049	725	-73	0.19	0.000
2751	15.83	15.83	0.	344	0.00	1088.	0.	321	0.167	0.	299	0.00	0.156
2752	15.83	15.83	0.	395	0.00	1246.	0.	358	0.186	0.	322	0.00	0.167
2753	15.83	15.83	0.	403	0.00	1272.	0.	365	0.190	15	326	0.00	0.170
2754	15.83	15.83	210	308	0.00	1011.	310	275	0.145	409	242	0.00	0.128
2755	15.83	15.83	211	232	0.00	770.	309	196	0.104	395	164	0.00	0.088
2756	15.83	15.83	104	176	0.00	574.	235	123	0.065	299	89	0.00	0.049
2757	15.83	15.83	0.	132	0.00	417.	100	61	0.032	146	37	0.00	0.020
2758	15.83	15.83	0.	102	0.00	321.	87	8	0.005	166	7	0.48	0.005
2759	15.83	15.83	148	89	0.00	308.	372	-3	0.004	388	-3	1.53	0.005
2760	15.83	15.83	400	101	0.00	390.	533	5	0.009	534	-15	2.08	0.004
2761	15.83	15.83	510	117	0.00	457.	558	34	0.023	549	-31	1.99	0.001
2762	15.83	15.83	452	165	0.00	602.	464	55	0.033	450	-42	0.18	0.000
2764	15.83	15.83	209	73	0.00	268.	311	0.	0.004	269	-50	0.35	0.000
2765	15.83	15.83	196	75	0.00	271.	247	-6	0.002	217	-42	0.31	0.000
2766	15.83	15.83	0.	78	0.00	246.	92	4	0.003	124	-28	0.25	0.000
2767	15.83	15.83	0.	102	0.00	321.	0.	5	0.002	0.	-24	0.44	0.000
2768	15.83	15.83	0.	117	0.00	368.	21	-3	0.000	21	-16	0.24	0.000
2769	15.83	15.83	0.	119	0.00	377.	0.	-8	0.000	0.	-16	0.29	0.000
2770	15.83	15.83	0.	84	0.00	265.	0.	10	0.005	0.	-14	0.26	0.000
2771	15.83	15.83	0.	51	0.00	162.	0.	25	0.013	0.	-9	0.16	0.000
2772	15.83	15.83	309	71	0.00	279.	173	33	0.018	113	-1	0.45	0.001
2773	15.83	15.83	452	54	0.00	250.	438	27	0.018	396	8	1.41	0.009
2774	15.83	15.83	299	32	0.00	152.	373	16	0.013	367	13	1.14	0.011

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2775		15.83	15.83		9	25	0.00	80.		140	15	0.009		186	14	0.08	0.009
2776		15.83	15.83		0.	20	0.00	65.		25	9	0.005		24	7	0.00	0.004
2777		15.83	15.83		195	13	0.29	74.		208	5	0.005		205	2	0.78	0.004
2778		15.83	15.83		248	19	0.11	102.		260	8	0.007		270	-1	1.07	0.003
2779		15.83	15.83		0.	43	0.00	136.		0.	20	0.010		0.	4	0.00	0.002
2780		15.83	15.83		0.	63	0.00	198.		0.	34	0.018		0.	13	0.00	0.007
2781		15.83	15.83		0.	70	0.00	222.		0.	42	0.022		0.	22	0.00	0.011
2782		15.83	15.83		0.	67	0.00	212.		0.	44	0.023		0.	28	0.00	0.014
2783		15.83	15.83		55	55	0.00	184.		102	41	0.022		147	29	0.00	0.016
2784		15.83	15.83		93	31	0.00	115.		145	26	0.015		194	24	0.00	0.014
2785		15.83	15.83		0.	18	0.00	57.		15	18	0.009		85	20	0.00	0.011
2786		15.83	15.83		0.	16	0.00	50.		0.	16	0.008		0.	18	0.00	0.010
2787		15.83	15.83		0.	26	0.00	82.		0.	25	0.013		0.	24	0.00	0.013
2788		15.83	15.83		68	56	0.00	188.		100	51	0.027		131	47	0.00	0.025
2789		15.83	15.83		234	120	0.00	420.		232	112	0.059		229	103	0.00	0.055
2790		15.83	15.83		0.	237	0.00	748.		0.	224	0.116		0.	211	0.00	0.110
2791		15.83	15.83		0.	287	0.00	908.		0.	272	0.142		0.	257	0.00	0.134
2792		15.83	15.83		0.	317	0.00	1001.		0.	299	0.156		0.	282	0.00	0.147
2807		15.83	15.83		0.	49	0.00	155.		0.	3	0.001		0.	-40	1.16	0.000
2808		15.83	15.83		0.	39	0.00	123.		23	-3	0.000		22	-21	0.48	0.000
2809		15.83	15.83		0.	53	0.00	166.		4	-6	0.000		10	-13	0.32	0.000
2810		15.83	15.83		0.	74	0.00	234.		0.	11	0.003		0.	-4	0.12	0.000
2811		15.83	15.83		0.	102	0.00	322.		0.	29	0.008		0.	-1	0.02	0.000
2812		15.83	15.83		0.	114	0.00	362.		0.	-3	0.000		0.	-3	0.09	0.000
2813		15.83	15.83		0.	113	0.00	357.		0.	15	0.004		0.	-9	0.26	0.000
2814		15.83	15.83		0.	19	0.00	58.		0.	2	0.001		54	-19	0.22	0.000
2815		15.83	15.83		0.	7	0.00	22.		17	0.	0.000		54	-4	0.56	0.000
2816		15.83	15.83		0.	17	0.00	55.		12	-1	0.000		24	-2	0.26	0.000
2817		15.83	15.83		21	33	0.00	111.		0.	3	0.001		0.	2	0.00	0.000
2818		15.83	15.83		64	37	0.00	142.		27	2	0.001		0.	3	0.00	0.001
2819		15.83	15.83		65	85	0.00	294.		1	1	0.000		0.	6	0.00	0.002
2820		15.83	15.83		22	135	0.00	434.		0.	34	0.010		0.	12	0.00	0.004
2821		15.83	15.83		0.	79	0.00	249.		0.	39	0.011		0.	-3	0.08	0.000
2822		15.83	15.83		9	69	0.00	223.		11	37	0.011		0.	8	0.00	0.002
2823		15.83	15.83		50	28	0.00	107.		60	19	0.007		57	13	0.00	0.005
2824		15.83	15.83		34	14	0.00	58.		62	12	0.005		62	12	0.26	0.005
2825		15.83	15.83		0.	13	0.00	40.		24	11	0.004		29	11	0.00	0.004
2826		15.83	15.83		0.	13	0.00	42.		0.	11	0.003		0.	7	0.00	0.002
2827		15.83	15.83		0.	14	0.00	43.		10	11	0.003		18	2	0.17	0.001
2828		15.83	15.83		0.	15	0.00	46.		8	12	0.004		19	-1	0.21	0.000
2829		15.83	15.83		0.	23	0.00	71.		0.	10	0.003		0.	-1	0.04	0.000
2830		15.83	15.83		0.	71	0.00	224.		0.	37	0.011		0.	11	0.00	0.003
2831		15.83	15.83		128	92	0.00	342.		0.	39	0.011		0.	15	0.00	0.004
2832		15.83	15.83		103	33	0.00	144.		122	22	0.009		106	11	1.04	0.005
2833		15.83	15.83		106	5	1.18	50.		111	7	0.004		108	8	1.15	0.004
2834		15.83	15.83		57	4	0.62	30.		75	5	0.003		75	5	0.79	0.003
2835		15.83	15.83		0.	4	0.00	11.		25	4	0.002		28	3	0.27	0.001
2836		15.83	15.83		5	4	0.00	16.		0.	4	0.001		0.	0.	0.01	0.000
2837		15.83	15.83		69	5	0.73	40.		48	5	0.002		28	-1	0.31	0.000
2838		15.83	15.83		120	6	1.33	58.		91	6	0.003		57	-2	0.64	0.001
2839		15.83	15.83		56	8	0.46	45.		1	1	0.000		0.	-1	0.04	0.000
2840		15.83	15.83		54	72	0.00	249.		10	29	0.009		13	22	0.00	0.007
2841		15.83	15.83		0.	104	0.00	330.		0.	70	0.020		0.	28	0.00	0.008
2842		15.83	15.83		0.	106	0.00	334.		0.	77	0.022		0.	36	0.00	0.010
2843		15.83	15.83		0.	64	0.00	201.		0.	48	0.014		0.	26	0.00	0.008
2844		15.83	15.83		0.	26	0.00	83.		0.	19	0.005		15	14	0.00	0.004
2845		15.83	15.83		0.	9	0.00	28.		0.	8	0.002		0.	7	0.00	0.002
2846		15.83	15.83		0.	4	0.00	11.		0.	4	0.001		0.	5	0.00	0.001
2847		15.83	15.83		0.	4	0.00	11.		0.	4	0.001		0.	5	0.00	0.001
2848		15.83	15.83		0.	12	0.00	37.		0.	10	0.003		0.	10	0.00	0.003
2849		15.83	15.83		0.	56	0.00	176.		0.	41	0.012		0.	32	0.00	0.009
2850		15.83	15.83		0.	166	0.00	524.		0.	151	0.044		0.	133	0.00	0.038
2851		15.83	15.83		0.	327	0.00	1032.		0.	301	0.087		0.	275	0.00	0.079
2852		15.83	15.83		0.	367	0.00	1157.		0.	348	0.100		0.	325	0.00	0.094
2853		15.83	15.83		0.	92	0.00	290.		0.	55	0.016		0.	37	0.00	0.011
2854		15.83	15.83		137	80	0.00	306.		117	48	0.016		97	31	0.00	0.011
2855		15.83	15.83		156	24	1.18	134.		138	13	0.006		122	6	1.35	0.004
2856		15.83	15.83		113	5	1.26	52.		103	2	0.002		95	1	1.09	0.002
2857		15.83	15.83		53	0.	0.60	18.		52	0.	0.001		50	0.	0.57	0.001
2858		15.83	15.83		0.	0.	0.01	0.		0.	0.	0.000		0.	0.	0.01	0.000
2859		15.83	15.83		0.	0.	0.01	0.		0.	0.	0.000		0.	0.	0.01	0.000
2860		15.83	15.83		31	1	0.35	12.		29	1	0.001		25	1	0.28	0.001
2861		15.83	15.83		30	7	0.02	34.		24	6	0.002		17	5	0.00	0.002
2862		15.83	15.83		18	55	0.00	182.		6	32	0.009		0.	22	0.00	0.006
2863		15.83	15.83		0.	240	0.00	759.		0.	220	0.064		0.	200	0.00	0.058
2864		15.83	15.83		0.	328	0.00	1036.		0.	309	0.089		0.	289	0.00	0.083

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2865		15.83	15.83		0.	418	0.00	1319.		0.	377	0.109		0.	369	0.00	0.107
2866		15.83	15.83		0.	496	0.00	1567.		0.	446	0.139		0.	426	0.00	0.129
2867		15.83	15.83		0.	401	0.00	1266.		0.	358	0.103		0.	322	0.00	0.093
2868		15.83	15.83		0.	297	0.00	937.		0.	255	0.074		0.	214	0.00	0.062
2869		15.83	15.83		0.	210	0.00	665.		0.	168	0.049		0.	126	0.00	0.036
2870		15.83	15.83		0.	152	0.00	480.		0.	107	0.031		20	63	0.00	0.019
2871		15.83	15.83		0.	117	0.00	369.		0.	60	0.017		14	15	0.00	0.005
2872		15.83	15.83		0.	92	0.00	290.		0.	15	0.004		6	-3	0.05	0.000
2873		15.83	15.83		0.	64	0.00	204.		44	-12	0.000		57	-4	0.61	0.000
2874		15.83	15.83		2	59	0.00	187.		78	-6	0.000		80	-12	0.14	0.000
2875		15.83	15.83		37	68	0.00	230.		75	6	0.003		80	-21	0.13	0.000
2876		15.83	15.83		0.	133	0.00	420.		20	50	0.015		39	-31	0.66	0.000
2877		15.83	15.83		0.	192	0.00	608.		0.	78	0.023		0.	-36	1.05	0.000
2878		15.83	15.83		0.	399	0.00	1262.		0.	366	0.106		0.	369	0.00	0.106
2879		15.83	15.83		0.	491	0.00	1552.		0.	439	0.136		0.	434	0.00	0.133
2880		15.83	15.83		0.	364	0.00	1150.		0.	314	0.090		0.	291	0.00	0.084
2881		15.83	15.83		0.	253	0.00	799.		0.	207	0.060		0.	169	0.00	0.049
2882		15.83	15.83		0.	171	0.00	541.		0.	128	0.037		6	84	0.00	0.024
2883		15.83	15.83		0.	119	0.00	377.		0.	76	0.022		0.	32	0.00	0.009
2884		15.83	15.83		0.	92	0.00	290.		0.	39	0.011		0.	1	0.00	0.000
2885		15.83	15.83		0.	65	0.00	206.		0.	-1	0.000		0.	-5	0.15	0.000
2886		15.83	15.83		0.	49	0.00	154.		0.	-10	0.000		0.	-3	0.09	0.000
2887		15.83	15.83		0.	44	0.00	139.		14	-9	0.000		26	-10	0.14	0.000
2888		15.83	15.83		0.	47	0.00	148.		31	-1	0.000		50	-19	0.24	0.000
2889		15.83	15.83		0.	87	0.00	275.		0.	28	0.008		3	-26	0.73	0.000
2890		15.83	15.83		0.	151	0.00	476.		0.	61	0.018		0.	-29	0.84	0.000
2891		15.83	15.83		0.	656	0.00	2072.		0.	561	0.194		0.	561	0.00	0.194
2892		15.83	15.83		0.	527	0.00	1665.		0.	423	0.128		0.	423	0.00	0.128
2893		15.83	15.83		17	336	0.00	1067.		0.	244	0.070		0.	230	0.00	0.066
2894		15.83	15.83		80	190	0.00	632.		50	130	0.039		35	103	0.00	0.030
2895		15.83	15.83		73	114	0.00	390.		54	76	0.023		35	37	0.00	0.012
2896		15.83	15.83		30	78	0.00	258.		17	41	0.012		5	3	0.00	0.001
2897		15.83	15.83		0.	58	0.00	183.		0.	16	0.005		0.	-2	0.06	0.000
2898		15.83	15.83		0.	40	0.00	127.		0.	-4	0.000		0.	-5	0.14	0.000
2899		15.83	15.83		0.	18	0.00	58.		0.	-6	0.000		0.	-9	0.25	0.000
2900		15.83	15.83		0.	17	0.00	55.		0.	-13	0.000		3	-7	0.19	0.000
2901		15.83	15.83		0.	19	0.00	59.		12	-9	0.000		34	-18	0.32	0.000
2902		15.83	15.83		0.	30	0.00	96.		0.	1	0.000		0.	-26	0.75	0.000
2903		15.83	15.83		0.	84	0.00	266.		0.	24	0.007		0.	-29	0.83	0.000
2904		15.83	15.83		91	694	0.00	2227.		0.	610	0.218		0.	544	0.00	0.186
2905		15.83	15.83		6	463	0.00	1466.		5	385	0.111		25	345	0.00	0.100
2906		15.83	15.83		172	172	0.00	612.		138	115	0.036		128	100	0.00	0.032
2907		15.83	15.83		194	75	0.00	315.		155	34	0.013		131	18	1.13	0.008
2908		15.83	15.83		170	39	0.07	192.		137	10	0.005		103	4	1.17	0.003
2909		15.83	15.83		122	15	1.08	93.		90	0.	0.001		63	0.	0.73	0.001
2910		15.83	15.83		61	2	0.69	25.		33	-3	0.000		19	-2	0.19	0.000
2911		15.83	15.83		0.	-1	0.04	-1.		0.	-4	0.000		0.	-3	0.08	0.000
2912		15.83	15.83		0.	0.	0.01	0.		0.	0.	0.000		0.	-4	0.13	0.000
2913		15.83	15.83		0.	2	0.00	5.		8	-6	0.000		19	-3	0.03	0.000
2914		15.83	15.83		0.	4	0.00	12.		0.	-4	0.000		49	-8	0.06	0.000
2915		15.83	15.83		0.	15	0.00	46.		0.	1	0.000		13	-2	0.01	0.000
2916		15.83	15.83		0.	25	0.00	78.		0.	6	0.002		0.	-11	0.32	0.000
7234		15.83	15.83		0.	93	0.00	293.		0.	1	0.000		0.	-29	0.54	0.000
7235		15.83	15.83		0.	37	0.00	117.		0.	-15	0.000		0.	-23	0.42	0.000
7236		15.83	15.83		0.	-23	0.41	-6.		0.	-20	0.000		0.	-42	0.78	0.000
7237		15.83	15.83		0.	-55	1.01	-15.		0.	-61	0.000		0.	-65	1.19	0.000
7238		15.83	15.83		0.	-68	1.23	-19.		0.	-74	0.000		0.	-74	1.35	0.000
7239		15.83	15.83		0.	-66	1.20	-18.		0.	-72	0.000		0.	-72	1.31	0.000
7240		15.83	15.83		0.	-53	0.96	-14.		0.	-64	0.000		0.	-65	1.18	0.000
7241		15.83	15.83		0.	-16	0.29	-4.		0.	-39	0.000		0.	-58	1.06	0.000
7242		15.83	15.83		36	20	0.00	68.		0.	-35	0.000		0.	-44	0.81	0.000
7245		15.83	15.83		0.	64	0.00	203.		0.	13	0.007		467	-29	1.68	0.001
7246		15.83	15.83		227	3	0.85	45.		459	-26	0.001		680	-40	2.46	0.001
7247		15.83	15.83		646	-28	2.41	30.		600	-48	0.000		543	-56	0.11	0.000
7248		15.83	15.83		290	-38	0.09	-17.		232	-56	0.000		164	-61	0.77	0.000
7249		15.83	15.83		334	-33	0.10	-17.		332	-53	0.000		318	-59	0.41	0.000
7250		15.83	15.83		1122	-13	4.45	142.		1235	-46	0.006		1251	-56	4.66	0.005
7251		15.83	15.83		939	17	3.40	209.		1453	-31	0.012		1856	-58	7.18	0.012
7252		15.83	15.83		0.	44	0.00	139.		720	-17	0.006		1754	-52	6.81	0.012
7253		15.83	15.83		0.	49	0.00	155.		0.	-14	0.000		858	-32	3.26	0.004
7254		15.83	15.83		0.	94	0.00	295.		0.	7	0.004		444	-64	0.23	0.000
7255		15.83	15.83		0.	55	0.00	175.		492	-9	0.004		1657	-40	6.50	0.013
7256		15.83	15.83		734	3	2.84	128.		2070	-1	0.029		2456	-34	9.73	0.025
7257		15.83	15.83		1665	-26	6.60	191.		2669	-34	0.028		2702	-43	10.70	0.026
7258		15.83	15.83		1858	-39	7.33	185.		2485	-41	0.024		2505	-46	9.91	0.023
7259		15.83	15.83		2105	-37	8.33	230.		2750	-46	0.027		2752	-45	10.90	0.027

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7260		15.83	15.83		2242	-25	8.88	288.		3108	-46	0.031		3109	-46	12.32	0.031	
7261		15.83	15.83		1470	2	5.73	245.		2679	-32	0.029		2854	-52	11.29	0.026	
7262		15.83	15.83		0.	26	0.00	83.		1252	-7	0.016		1899	-54	7.40	0.013	
7263		15.83	15.83		0.	37	0.00	118.		200	-33	0.000		797	-40	2.93	0.002	
7264		15.83	15.83		0.	52	0.00	163.		0.	-30	0.000		528	-75	0.27	0.000	
7265		15.83	15.83		0.	30	0.00	94.		736	-22	0.005		1331	-47	5.10	0.007	
7266		15.83	15.83		1022	-3	4.01	158.		2185	-5	0.029		2436	-30	9.66	0.026	
7267		15.83	15.83		1876	-24	7.44	231.		2912	-32	0.032		2913	-32	11.54	0.032	
7268		15.83	15.83		2097	-29	8.31	252.		2927	-32	0.032		2928	-32	11.60	0.033	
7269		15.83	15.83		2206	-26	8.74	278.		2998	-32	0.033		2998	-32	11.88	0.034	
7270		15.83	15.83		1988	-20	7.87	264.		2891	-33	0.032		2891	-33	11.46	0.032	
7271		15.83	15.83		1154	1	4.50	191.		2156	-23	0.024		2255	-38	8.93	0.022	
7272		15.83	15.83		0.	21	0.00	68.		709	-2	0.010		968	-40	3.64	0.004	
7273		15.83	15.83		0.	32	0.00	101.		0.	-29	0.000		286	-29	0.08	0.000	
7275		15.83	15.83		0.	11	0.00	36.		139	-2	0.001		277	-36	0.08	0.000	
7276		15.83	15.83		780	8	2.95	151.		1101	-15	0.012		1156	-17	4.58	0.012	
7277		15.83	15.83		1169	-5	4.61	174.		1573	-8	0.020		1578	-9	6.23	0.020	
7278		15.83	15.83		1260	-11	4.98	172.		1744	-7	0.023		1744	-7	6.87	0.023	
7279		15.83	15.83		1065	-10	4.22	142.		1651	-8	0.021		1650	-8	6.50	0.021	
7280		15.83	15.83		953	-3	3.75	144.		1413	-9	0.017		1419	-10	5.61	0.017	
7281		15.83	15.83		541	12	1.92	126.		930	-17	0.009		1000	-14	3.96	0.010	
7282		15.83	15.83		0.	28	0.00	88.		17	-15	0.000		196	-16	0.73	0.000	
7283		15.83	15.83		0.	39	0.00	122.		0.	-8	0.000		0.	-9	0.16	0.000	
7285		15.83	15.83		0.	27	0.00	85.		81	-10	0.000		162	-24	0.10	0.000	
7286		15.83	15.83		605	24	1.77	179.		807	0.	0.011		845	-8	3.34	0.010	
7287		15.83	15.83		747	9	2.80	151.		1029	2	0.015		1043	0.	4.07	0.015	
7288		15.83	15.83		638	-1	2.50	101.		997	3	0.015		996	3	3.86	0.015	
7289		15.83	15.83		438	-1	1.72	67.		803	4	0.013		807	3	3.12	0.013	
7290		15.83	15.83		482	6	1.81	97.		798	-4	0.010		854	2	3.32	0.013	
7291		15.83	15.83		228	20	0.00	105.		517	-2	0.007		634	1	2.46	0.009	
7292		15.83	15.83		0.	40	0.00	128.		0.	7	0.004		0.	4	0.00	0.002	
7293		15.83	15.83		0.	52	0.00	163.		0.	17	0.009		0.	12	0.00	0.006	
7295		15.83	15.83		0.	8	0.00	26.		443	-31	0.000		765	-45	2.76	0.001	
7296		15.83	15.83		646	-3	2.55	97.		1624	-5	0.021		1810	-27	7.17	0.018	
7297		15.83	15.83		1570	-18	6.22	200.		2461	-24	0.028		2462	-24	9.75	0.028	
7298		15.83	15.83		2017	-22	7.99	262.		2671	-22	0.031		2671	-22	10.57	0.031	
7299		15.83	15.83		2041	-21	8.09	268.		2788	-23	0.033		2788	-23	11.03	0.033	
7300		15.83	15.83		1575	-13	6.23	217.		2468	-25	0.028		2468	-25	9.78	0.028	
7301		15.83	15.83		722	5	2.77	133.		1703	-18	0.019		1770	-31	7.01	0.017	
7303		15.83	15.83		0.	11	0.00	34.		469	-9	0.004		628	-44	2.27	0.001	
7304		15.83	15.83		881	2	3.43	149.		1341	-1	0.019		1423	-23	5.64	0.014	
7305		15.83	15.83		1542	-13	6.10	212.		2089	-17	0.025		2092	-17	8.28	0.025	
7306		15.83	15.83		1874	-17	7.42	251.		2495	-16	0.031		2495	-16	9.85	0.031	
7307		15.83	15.83		1832	-16	7.25	248.		2558	-17	0.031		2557	-16	10.10	0.031	
7308		15.83	15.83		1367	-8	5.39	199.		2098	-8	0.027		2172	-20	8.60	0.025	
7309		15.83	15.83		680	10	2.51	144.		1277	-23	0.012		1442	-24	5.71	0.014	
7310		15.83	15.83		27	19	0.00	65.		746	-2	0.010		898	-34	3.41	0.004	
7311		15.83	15.83		0.	26	0.00	82.		441	-17	0.002		662	-24	2.53	0.003	
7312		15.83	15.83		0.	26	0.00	83.		439	-28	0.001		610	-29	2.25	0.002	
7313		15.83	15.83		0.	35	0.00	110.		0.	-19	0.000		191	-20	0.03	0.000	
7315		15.83	15.83		0.	11	0.00	34.		0.	-6	0.000		0.	15	0.00	0.008	
7316		15.83	15.83		156	-19	0.02	-9.		0.	0.	0.000		0.	26	0.00	0.014	
7317		15.83	15.83		0.	-3	0.06	-1.		0.	16	0.008		0.	16	0.00	0.009	
7318		15.83	15.83		0.	-2	0.04	-1.		0.	20	0.010		0.	21	0.00	0.011	
7319		15.83	15.83		0.	-46	0.84	-13.		0.	42	0.022		0.	43	0.00	0.023	
7320		15.83	15.83		724	-24	2.78	49.		0.	83	0.043		0.	85	0.00	0.044	
7321		15.83	15.83		2967	12	11.47	522.		1276	86	0.058		641	143	0.00	0.079	
7322		15.83	15.83		5017	67	18.70	1033.		3122	127	0.101		2128	217	0.00	0.133	
7323		15.83	15.83		6778	111	24.88	1460.		4785	160	0.138		3469	286	0.00	0.184	
7324		15.83	15.83		6753	46	25.87	1246.		5078	55	0.094		3666	181	9.21	0.134	
7325		15.83	15.83		4689	62	17.49	963.		3606	47	0.070		2513	79	8.23	0.070	
7326		15.83	15.83		0.	43	0.00	137.		0.	-12	0.000		648	-16	2.54	0.005	
7327		15.83	15.83		0.	27	0.00	85.		0.	-16	0.000		1167	2	4.54	0.017	
7328		15.83	15.83		0.	4	0.00	11.		953	-26	0.007		1635	26	6.02	0.034	
7329		15.83	15.83		886	-13	3.51	105.		1370	-30	0.011		1521	30	5.46	0.034	
7330		15.83	15.83		921	-18	3.64	95.		1056	-24	0.009		1052	45	2.99	0.035	
7331		15.83	15.83		1422	-9	5.62	202.		1535	-8	0.019		1587	72	4.31	0.055	
7332		15.83	15.83		2047	16	7.81	386.		2064	22	0.038		2070	116	4.44	0.082	
7333		15.83	15.83		2126	62	7.12	547.		2189	71	0.062		2242	180	0.00	0.116	
7334		15.83	15.83		1095	127	0.00	593.		1415	140	0.086		1726	263	0.00	0.151	
7336		15.83	15.83		0.	268	0.00	845.		0.	266	0.138		0.	366	0.00	0.190	
7338		15.83	15.83		0.	38	0.00	120.		57	-23	0.000		628	-23	2.40	0.003	
7339		15.83	15.83		0.	25	0.00	80.		413	-11	0.003		966	-2	3.79	0.013	
7340		15.83	15.83		132	7	0.28	46.		1420	7	0.023		1796	28	6.62	0.037	
7341		15.83	15.83		985	-1	3.86	156.		2084	46	0.049		2174	44	7.79	0.049	
7342		15.83	15.83		1539	2	6.00	256.		2204	66	0.059		2205	66	7.33	0.060	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7343		15.83	15.83		1897	22	7.13	380.		2571	97	0.079		2573	97	7.83	0.079	
7344		15.83	15.83		1805	56	5.92	478.		2558	140	0.100		2635	142	5.99	0.102	
7345		15.83	15.83		1103	108	0.00	534.		1940	156	0.101		2278	202	0.00	0.128	
7346		15.83	15.83		0.	182	0.00	575.		805	208	0.114		1452	283	0.00	0.159	
7349		15.83	15.83		0.	408	0.00	1290.		0.	380	0.198		0.	358	0.00	0.186	
7350		15.83	15.83		0.	36	0.00	114.		0.	-17	0.000		176	-13	0.64	0.000	
7351		15.83	15.83		0.	27	0.00	87.		174	-2	0.002		463	7	1.71	0.009	
7352		15.83	15.83		349	17	0.90	113.		958	23	0.023		1090	34	3.59	0.030	
7353		15.83	15.83		945	14	3.50	198.		1605	56	0.047		1634	54	5.27	0.046	
7354		15.83	15.83		1322	20	4.87	281.		2004	77	0.062		2005	77	6.06	0.062	
7355		15.83	15.83		1392	42	4.61	363.		2135	107	0.079		2135	107	5.30	0.079	
7356		15.83	15.83		1004	77	0.03	420.		1976	147	0.097		1977	147	0.97	0.097	
7357		15.83	15.83		269	130	0.00	456.		1320	181	0.105		1497	199	0.00	0.117	
7358		15.83	15.83		0.	202	0.00	638.		382	216	0.114		749	265	0.00	0.143	
7359		15.83	15.83		0.	298	0.00	941.		0.	292	0.152		0.	343	0.00	0.179	
7360		15.83	15.83		0.	404	0.00	1274.		0.	376	0.196		0.	369	0.00	0.192	
7362		15.83	15.83		0.	42	0.00	132.		0.	1	0.000		0.	4	0.00	0.002	
7363		15.83	15.83		0.	34	0.00	108.		0.	8	0.004		36	20	0.00	0.010	
7364		15.83	15.83		208	25	0.00	117.		664	23	0.019		791	40	1.96	0.029	
7365		15.83	15.83		625	24	1.90	180.		1137	63	0.045		1194	58	3.06	0.043	
7366		15.83	15.83		772	31	2.29	226.		1359	78	0.055		1360	78	2.80	0.055	
7367		15.83	15.83		636	48	0.11	265.		1300	102	0.066		1301	102	0.00	0.066	
7368		15.83	15.83		536	82	0.00	353.		1100	132	0.079		1124	133	0.00	0.080	
7369		15.83	15.83		431	132	0.00	491.		904	140	0.080		978	173	0.00	0.098	
7370		15.83	15.83		123	198	0.00	647.		523	192	0.103		648	205	0.00	0.111	
7371		15.83	15.83		0.	283	0.00	892.		0.	266	0.138		0.	257	0.00	0.134	
7372		15.83	15.83		0.	372	0.00	1176.		0.	346	0.180		0.	323	0.00	0.168	
7374		15.83	15.83		0.	53	0.00	167.		0.	21	0.011		0.	23	0.00	0.012	
7375		15.83	15.83		0.	47	0.00	149.		0.	23	0.012		0.	34	0.00	0.018	
7376		15.83	15.83		0.	37	0.00	117.		302	27	0.017		463	47	0.00	0.029	
7377		15.83	15.83		91	31	0.00	114.		569	39	0.026		675	59	0.00	0.037	
7378		15.83	15.83		16	33	0.00	108.		617	61	0.037		673	71	0.00	0.043	
7379		15.83	15.83		0.	47	0.00	148.		452	78	0.044		496	86	0.00	0.049	
7380		15.83	15.83		0.	75	0.00	235.		525	78	0.045		584	98	0.00	0.056	
7381		15.83	15.83		163	119	0.00	404.		570	113	0.063		662	116	0.00	0.066	
7382		15.83	15.83		152	181	0.00	597.		445	170	0.091		570	161	0.00	0.088	
7383		15.83	15.83		0.	258	0.00	814.		0.	242	0.126		0.	228	0.00	0.119	
7384		15.83	15.83		0.	326	0.00	1030.		0.	306	0.159		0.	285	0.00	0.149	
7385		15.83	15.83		0.	362	0.00	1142.		0.	340	0.177		0.	319	0.00	0.166	
7758		15.83	15.83		0.	204	0.00	644.		0.	-17	0.000		0.	-4	0.07	0.000	
7765		15.83	15.83		0.	348	0.00	1099.		0.	86	0.045		931	-18	3.68	0.008	
7766		15.83	15.83		0.	256	0.00	809.		0.	34	0.018		679	-34	2.49	0.002	
7767		15.83	15.83		0.	111	0.00	350.		0.	-43	0.000		300	-54	0.36	0.000	
7768		15.83	15.83		0.	51	0.00	161.		0.	-70	0.000		0.	-71	1.31	0.000	
7769		15.83	15.83		0.	78	0.00	245.		0.	-45	0.000		95	-67	1.03	0.000	
7770		15.83	15.83		0.	117	0.00	371.		0.	0.	0.000		59	-50	0.78	0.000	
7772		15.83	15.83		0.	335	0.00	1057.		42	69	0.036		1432	-42	5.56	0.009	
7773		15.83	15.83		0.	243	0.00	769.		651	25	0.020		1547	-48	5.99	0.010	
7774		15.83	15.83		0.	106	0.00	335.		1108	-31	0.008		1605	-53	6.18	0.009	
7775		15.83	15.83		0.	39	0.00	125.		1258	-60	0.004		1260	-60	4.66	0.004	
7776		15.83	15.83		0.	46	0.00	145.		1072	-90	0.000		1489	-56	5.66	0.007	
7777		15.83	15.83		0.	85	0.00	269.		17	-24	0.000		1078	-56	3.94	0.003	
7778		15.83	15.83		0.	101	0.00	318.		0.	-13	0.000		261	-65	0.65	0.000	
7779		15.83	15.83		0.	319	0.00	1007.		28	73	0.038		1045	-64	3.77	0.002	
7780		15.83	15.83		0.	208	0.00	658.		744	33	0.025		1353	-61	5.03	0.005	
7781		15.83	15.83		0.	66	0.00	209.		1313	-15	0.014		1672	-57	6.42	0.009	
7782		15.83	15.83		9	-14	0.23	-4.		1620	-55	0.009		1621	-55	6.23	0.009	
7783		15.83	15.83		0.	-21	0.38	-6.		1483	-64	0.006		1634	-51	6.32	0.010	
7784		15.83	15.83		0.	24	0.00	77.		566	-70	0.000		975	-61	3.51	0.001	
7785		15.83	15.83		0.	57	0.00	180.		0.	-11	0.000		443	-79	0.51	0.000	
7786		15.83	15.83		0.	304	0.00	960.		0.	60	0.031		453	-79	0.51	0.000	
7787		15.83	15.83		0.	203	0.00	641.		478	23	0.017		863	-72	3.20	0.000	
7788		15.83	15.83		50	76	0.00	249.		1026	-13	0.011		1267	-61	4.67	0.004	
7789		15.83	15.83		123	-13	0.02	-6.		1433	-54	0.007		1433	-54	5.45	0.007	
7790		15.83	15.83		0.	-37	0.67	-10.		1052	-63	0.002		1262	-51	4.76	0.006	
7791		15.83	15.83		0.	-9	0.16	-2.		369	-66	0.000		701	-66	0.26	0.000	
7792		15.83	15.83		0.	22	0.00	69.		0.	-22	0.000		308	-88	0.96	0.000	
7793		15.83	15.83		0.	283	0.00	895.		34	42	0.022		370	-89	0.86	0.000	
7794		15.83	15.83		0.	197	0.00	623.		523	11	0.012		720	-79	0.06	0.000	
7795		15.83	15.83		151	91	0.00	314.		889	-16	0.008		992	-65	3.57	0.001	
7796		15.83	15.83		95	1	0.35	20.		1075	-54	0.003		1075	-54	3.94	0.003	
7797		15.83	15.83		32	-20	0.29	-6.		838	-53	0.001		935	-53	3.39	0.002	
7798		15.83	15.83		0.	-22	0.40	-6.		195	-66	0.000		408	-65	0.33	0.000	
7800		15.83	15.83		0.	257	0.00	811.		187	26	0.015		501	-94	0.66	0.000	
7801		15.83	15.83		0.	189	0.00	596.		490	0.	0.007		641	-82	0.15	0.000	
7802		15.83	15.83		162	107	0.00	367.		698	-20	0.005		775	-66	2.89	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7803		15.83	15.83		22	29	0.00	97.		711	-54	0.000		711	-54	2.59	0.000	
7804		15.83	15.83		0.	-15	0.27	-4.		607	-51	0.000		648	-53	2.39	0.000	
7805		15.83	15.83		0.	-19	0.34	-5.		90	-62	0.000		213	-65	0.74	0.000	
7807		15.83	15.83		0.	228	0.00	721.		312	15	0.011		470	-92	0.69	0.000	
7808		15.83	15.83		0.	203	0.00	641.		409	-8	0.004		521	-79	0.36	0.000	
7809		15.83	15.83		0.	164	0.00	517.		485	-22	0.002		541	-63	0.02	0.000	
7810		15.83	15.83		0.	110	0.00	347.		322	-45	0.000		366	-52	0.18	0.000	
7811		15.83	15.83		0.	60	0.00	190.		307	-28	0.000		431	-51	0.04	0.000	
7812		15.83	15.83		0.	19	0.00	59.		0.	-30	0.000		15	-65	1.15	0.000	
7814		15.83	15.83		69	195	0.00	629.		270	22	0.014		393	-84	0.71	0.000	
7815		15.83	15.83		36	179	0.00	572.		291	3	0.005		382	-72	0.51	0.000	
7816		15.83	15.83		0.	157	0.00	494.		247	-8	0.001		329	-56	0.33	0.000	
7817		15.83	15.83		0.	141	0.00	444.		0.	-3	0.000		102	-47	0.64	0.000	
7818		15.83	15.83		0.	131	0.00	413.		46	1	0.001		215	-48	0.44	0.000	
7819		15.83	15.83		0.	93	0.00	295.		0.	-2	0.000		0.	-61	1.11	0.000	
7821		15.83	15.83		0.	90	0.00	284.		0.	-25	0.000		0.	-35	0.64	0.000	
7824		15.83	15.83		0.	94	0.00	298.		0.	-29	0.000		0.	-41	0.74	0.000	
7841		15.83	15.83		0.	31	0.00	98.		0.	-42	0.000		383	-84	0.73	0.000	
7842		15.83	15.83		0.	12	0.00	38.		0.	-1	0.000		242	-70	0.77	0.000	
7850		15.83	15.83		1603	175	0.00	834.		314	227	0.120		0.	178	0.00	0.093	
7851		15.83	15.83		93	49	0.00	170.		0.	84	0.043		0.	39	0.00	0.020	
7852		15.83	15.83		0.	-39	0.71	-11.		0.	-56	0.000		0.	-65	1.19	0.000	
7853		15.83	15.83		0.	-81	1.48	-22.		0.	-131	0.000		0.	-131	2.39	0.000	
7855		15.83	15.83		0.	-34	0.62	-9.		0.	-93	0.000		0.	-40	0.73	0.000	
7856		15.83	15.83		0.	28	0.00	89.		0.	-27	0.000		0.	-8	0.15	0.000	
7857		15.83	15.83		0.	96	0.00	303.		0.	-27	0.000		0.	4	0.00	0.002	
7858		15.83	15.83		528	171	0.00	632.		0.	21	0.011		0.	1	0.00	0.000	
7860		15.83	15.83		1715	263	0.00	1130.		813	79	0.049		0.	-9	0.16	0.000	
7862		15.83	15.83		0.	315	0.00	996.		0.	305	0.159		0.	332	0.00	0.173	
7863		15.83	15.83		0.	279	0.00	882.		0.	278	0.145		0.	273	0.00	0.142	
7864		15.83	15.83		172	141	0.00	476.		462	128	0.070		733	120	0.00	0.069	
7865		15.83	15.83		1130	47	3.28	337.		1126	26	0.027		1102	11	4.18	0.020	
7866		15.83	15.83		877	-5	3.46	127.		857	-32	0.004		817	-61	2.97	0.001	
7867		15.83	15.83		198	-20	0.05	-10.		281	-55	0.000		345	-51	0.21	0.000	
7868		15.83	15.83		0.	-5	0.09	-1.		0.	-54	0.000		0.	-23	0.42	0.000	
7869		15.83	15.83		288	36	0.00	165.		306	-35	0.000		303	-5	1.20	0.003	
7870		15.83	15.83		451	102	0.00	403.		761	-4	0.010		1057	-3	4.15	0.014	
7871		15.83	15.83		0.	225	0.00	712.		582	56	0.035		1494	-15	5.92	0.017	
7872		15.83	15.83		0.	328	0.00	1037.		361	105	0.057		1698	-27	6.73	0.017	
7873		15.83	15.83		0.	409	0.00	1290.		0.	143	0.075		1801	-38	7.10	0.015	
7874		15.83	15.83		0.	418	0.00	1320.		0.	388	0.202		0.	370	0.00	0.193	
7876		15.83	15.83		0.	319	0.00	1006.		0.	320	0.166		489	314	0.00	0.166	
7877		15.83	15.83		0.	177	0.00	559.		1079	184	0.104		1726	176	0.00	0.108	
7878		15.83	15.83		1289	76	2.49	463.		2188	80	0.066		2480	72	8.30	0.066	
7879		15.83	15.83		1857	9	7.17	330.		2645	5	0.039		2702	-2	10.57	0.037	
7880		15.83	15.83		1810	-28	7.17	209.		2515	-25	0.029		2522	-23	9.98	0.029	
7881		15.83	15.83		1369	-39	5.33	109.		2094	-14	0.026		2099	-13	8.29	0.026	
7882		15.83	15.83		1590	-21	6.30	195.		2435	-9	0.032		2438	-9	9.60	0.032	
7883		15.83	15.83		1188	49	3.43	356.		2535	-7	0.033		2638	-16	10.42	0.032	
7884		15.83	15.83		249	195	0.00	660.		1907	28	0.038		2435	-38	9.65	0.024	
7885		15.83	15.83		0.	308	0.00	974.		1462	68	0.051		2222	-55	8.72	0.017	
7886		15.83	15.83		0.	420	0.00	1326.		920	110	0.065		1953	-71	7.45	0.010	
7888		15.83	15.83		0.	397	0.00	1255.		0.	376	0.196		0.	380	0.00	0.198	
7889		15.83	15.83		0.	307	0.00	970.		0.	306	0.160		229	316	0.00	0.166	
7890		15.83	15.83		147	186	0.00	613.		1305	201	0.116		1770	205	0.00	0.123	
7891		15.83	15.83		1369	89	2.05	518.		2419	115	0.086		2612	112	7.38	0.087	
7892		15.83	15.83		2139	22	8.08	420.		3050	42	0.060		3052	42	11.35	0.060	
7893		15.83	15.83		2320	-19	9.18	320.		3105	-2	0.043		3107	-2	12.16	0.043	
7894		15.83	15.83		2086	-35	8.26	234.		2850	-5	0.038		2852	-5	11.19	0.039	
7895		15.83	15.83		1940	-26	7.69	236.		2951	-14	0.038		2952	-14	11.63	0.038	
7896		15.83	15.83		1415	41	4.73	365.		2730	-15	0.034		2799	-30	11.09	0.031	
7897		15.83	15.83		518	189	0.00	688.		1929	28	0.039		2282	-56	8.96	0.018	
7898		15.83	15.83		0.	297	0.00	939.		1373	66	0.049		1877	-75	7.08	0.008	
7899		15.83	15.83		0.	407	0.00	1285.		521	107	0.060		1462	-93	5.27	0.002	
7901		15.83	15.83		0.	356	0.00	1123.		0.	345	0.180		0.	332	0.00	0.173	
7902		15.83	15.83		0.	271	0.00	857.		0.	276	0.144		0.	276	0.00	0.144	
7903		15.83	15.83		0.	174	0.00	551.		979	197	0.110		1238	207	0.00	0.118	
7904		15.83	15.83		892	89	0.00	438.		2007	125	0.086		2067	130	3.42	0.089	
7905		15.83	15.83		1681	28	6.16	364.		2601	64	0.064		2602	64	9.04	0.064	
7906		15.83	15.83		2037	-11	8.04	298.		2828	21	0.048		2829	21	10.81	0.048	
7907		15.83	15.83		2045	-26	8.11	253.		2768	-4	0.038		2769	-4	10.85	0.038	
7908		15.83	15.83		1807	-14	7.15	250.		2591	-17	0.032		2591	-17	10.23	0.032	
7909		15.83	15.83		1283	58	3.48	401.		2187	-21	0.025		2246	-39	8.89	0.021	
7910		15.83	15.83		528	198	0.00	719.		1382	23	0.029		1629	-68	6.12	0.007	
7911		15.83	15.83		0.	298	0.00	941.		794	55	0.037		1178	-88	4.28	0.001	
7912		15.83	15.83		0.	401	0.00	1265.		240	93	0.050		652	-101	0.49	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

7914		15.83	15.83		0.	341	0.00	1077.		0.	335	0.174		0.	322	0.00	0.168
7915		15.83	15.83		0.	247	0.00	780.		0.	259	0.135		0.	254	0.00	0.132
7916		15.83	15.83		235	159	0.00	544.		737	187	0.103		876	188	0.00	0.104
7917		15.83	15.83		772	85	0.00	405.		1348	126	0.079		1409	128	0.00	0.080
7918		15.83	15.83		1154	32	3.89	294.		1798	77	0.060		1798	77	5.09	0.060
7919		15.83	15.83		1426	-1	5.58	230.		2133	37	0.046		2133	37	7.77	0.046
7920		15.83	15.83		1618	-1	6.33	260.		2243	6	0.034		2243	6	8.70	0.034
7921		15.83	15.83		1598	5	6.20	276.		2146	-18	0.025		2146	-18	8.49	0.025
7922		15.83	15.83		1326	77	2.68	470.		1840	-27	0.019		1862	-45	7.31	0.015
7923		15.83	15.83		811	198	0.00	768.		1287	18	0.025		1401	-68	5.16	0.004
7924		15.83	15.83		400	284	0.00	967.		894	45	0.033		1066	-83	3.90	0.000
7925		15.83	15.83		0.	373	0.00	1179.		263	81	0.044		548	-96	0.60	0.000
7926		15.83	15.83		0.	358	0.00	1129.		0.	342	0.178		0.	325	0.00	0.169
7927		15.83	15.83		0.	311	0.00	981.		0.	308	0.160		0.	301	0.00	0.157
7928		15.83	15.83		0.	229	0.00	722.		0.	248	0.129		26	251	0.00	0.131
7929		15.83	15.83		261	151	0.00	523.		702	185	0.101		858	190	0.00	0.105
7930		15.83	15.83		586	87	0.00	377.		1080	129	0.077		1165	135	0.00	0.081
7931		15.83	15.83		765	41	1.73	261.		1325	85	0.058		1340	86	2.08	0.059
7932		15.83	15.83		803	19	2.82	191.		1372	46	0.039		1372	46	4.40	0.039
7933		15.83	15.83		1019	14	3.79	211.		1526	13	0.027		1525	13	5.81	0.027
7934		15.83	15.83		1174	30	4.05	288.		1598	-12	0.019		1598	-11	6.32	0.019
7935		15.83	15.83		1119	91	0.00	484.		1494	-18	0.016		1508	-34	5.94	0.012
7936		15.83	15.83		829	186	0.00	732.		1159	15	0.022		1234	-58	4.56	0.004
7937		15.83	15.83		581	257	0.00	913.		899	38	0.030		1015	-74	3.68	0.001
7938		15.83	15.83		0.	335	0.00	1057.		385	70	0.039		599	-86	0.32	0.000
7951		15.83	15.83		3752	54	13.91	784.		2674	33	0.051		1642	43	5.62	0.042
7952		15.83	15.83		0.	113	0.00	358.		0.	92	0.048		0.	116	0.00	0.060
7956		15.83	15.83		0.	427	0.00	1349.		0.	398	0.207		0.	373	0.00	0.194
8450		15.83	15.83		0.	192	0.00	605.		0.	-14	0.000		0.	-21	0.39	0.000
8451		15.83	15.83		0.	96	0.00	304.		0.	-74	0.000		0.	-32	0.58	0.000
8454		15.83	15.83		0.	78	0.00	246.		0.	-117	0.000		0.	-56	1.03	0.000
8455		15.83	15.83		0.	-6	0.11	-2.		0.	-104	0.000		0.	-69	1.27	0.000
8457		15.83	15.83		0.	54	0.00	172.		0.	-91	0.000		0.	-45	0.82	0.000
8458		15.83	15.83		0.	13	0.00	40.		0.	-92	0.000		0.	-82	1.50	0.000
8459		15.83	15.83		0.	-18	0.33	-5.		0.	-90	0.000		0.	-89	1.63	0.000
8461		15.83	15.83		0.	-27	0.49	-7.		0.	-90	0.000		0.	-80	1.45	0.000
8462		15.83	15.83		0.	39	0.00	124.		0.	-104	0.000		0.	-73	1.34	0.000
8463		15.83	15.83		0.	38	0.00	120.		0.	-99	0.000		0.	-69	1.26	0.000
8465		15.83	15.83		0.	4	0.00	12.		0.	-102	0.000		0.	-86	1.58	0.000
8466		15.83	15.83		0.	83	0.00	263.		0.	-26	0.000		0.	-55	1.00	0.000
8469		15.83	15.83		0.	59	0.00	187.		0.	-88	0.000		0.	-58	1.07	0.000
8470		15.83	15.83		0.	131	0.00	415.		0.	31	0.016		0.	-45	0.83	0.000
8471		15.83	15.83		0.	115	0.00	364.		0.	35	0.018		0.	-45	0.83	0.000
8472		15.83	15.83		0.	33	0.00	104.		0.	-7	0.000		0.	-53	0.96	0.000
8473		15.83	15.83		0.	22	0.00	70.		0.	-8	0.000		0.	-40	0.74	0.000
8474		15.83	15.83		0.	4	0.00	13.		0.	-34	0.000		0.	-72	1.31	0.000
8475		15.83	15.83		0.	-8	0.14	-2.		0.	-46	0.000		0.	-79	1.45	0.000
8476		15.83	15.83		0.	0.	0.01	0.		0.	-57	0.000		131	-91	1.38	0.000
8477		15.83	15.83		0.	1	0.00	3.		0.	-36	0.000		124	-81	1.22	0.000
8478		15.83	15.83		0.	7	0.00	21.		0.	-34	0.000		119	-90	1.39	0.000
8479		15.83	15.83		0.	10	0.00	32.		0.	-17	0.000		202	-79	1.03	0.000
8480		15.83	15.83		0.	8	0.00	25.		51	-36	0.000		221	-73	0.87	0.000
8481		15.83	15.83		0.	7	0.00	22.		0.	-17	0.000		0.	-56	1.03	0.000
8482		15.83	15.83		0.	139	0.00	438.		0.	130	0.068		0.	157	0.00	0.082
8483		15.83	15.83		1883	79	5.41	567.		597	100	0.057		0.	112	0.00	0.058
8485		15.83	15.83		1038	65	1.72	386.		134	54	0.029		0.	94	0.00	0.049
8486		15.83	15.83		0.	-77	1.40	-21.		0.	-111	0.000		0.	-87	1.59	0.000
8487		15.83	15.83		0.	-63	1.15	-17.		0.	-74	0.000		0.	-68	1.24	0.000
8489		15.83	15.83		0.	-81	1.48	-22.		0.	-101	0.000		0.	-100	1.83	0.000
8490		15.83	15.83		1070	236	0.00	932.		332	64	0.036		0.	-1	0.01	0.000
8491		15.83	15.83		1801	232	0.00	1050.		532	64	0.038		0.	-4	0.07	0.000
8493		15.83	15.83		1175	206	0.00	858.		0.	46	0.024		0.	-1	0.02	0.000
8494		15.83	15.83		0.	301	0.00	952.		0.	284	0.148		0.	284	0.00	0.148
8495		15.83	15.83		0.	313	0.00	987.		0.	293	0.152		0.	308	0.00	0.160
8497		15.83	15.83		0.	394	0.00	1245.		0.	376	0.196		0.	355	0.00	0.185
8498		15.83	15.83		0.	377	0.00	1191.		0.	362	0.188		0.	346	0.00	0.180
8499		15.83	15.83		0.	417	0.00	1318.		0.	392	0.204		0.	365	0.00	0.190
8500		15.83	15.83		0.	445	0.00	1405.		0.	414	0.215		0.	384	0.00	0.200
8501		15.83	15.83		0.	413	0.00	1305.		0.	386	0.201		0.	357	0.00	0.186
8502		15.83	15.83		58	280	0.00	895.		125	99	0.052		156	-53	0.64	0.000
8504		15.83	15.83		24	232	0.00	736.		51	83	0.043		69	-51	0.79	0.000
8505		15.83	15.83		194	229	0.00	758.		256	77	0.042		289	-50	0.30	0.000
9526		15.83	15.83		0.	37	0.00	116.		0.	-13	0.000		0.	-4	0.07	0.000
9527		15.83	15.83		0.	40	0.00	125.		0.	-8	0.000		0.	-12	0.22	0.000
9528		15.83	15.83		0.	32	0.00	102.		0.	-24	0.000		0.	-21	0.38	0.000
9530		15.83	15.83		0.	23	0.00	73.		0.	-11	0.000		0.	7	0.00	0.004

9531		15.83	15.83		0.	35	0.00	111.		0.	-5	0.000		0.	5	0.00	0.002	
9532		15.83	15.83		0.	35	0.00	111.		0.	-10	0.000		0.	1	0.00	0.001	

1.7 PARETE P10

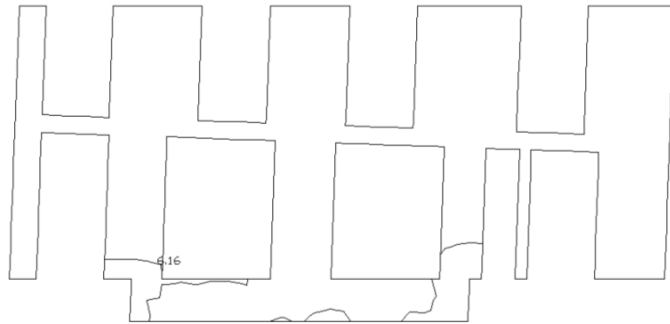
Si riportano di seguito gli involuppi delle sollecitazioni SLU/SLV massimi e minimi. Le unità di misura utilizzate sono [daN/cm] e [daNcm/cm]. Le sollecitazioni sono rappresentate nella convenzione tipica delle piastre. A seguire sono riportati i tabulati di verifica. Si predispone un'armatura verticale su entrambe le facce costituita da $1\phi 22/20$ e orizzontale su entrambe le facce pari a $1\phi 22/20$. Verticalmente è presente un'armatura aggiuntiva su entrambe le facce pari a $1\phi 22/40$ su un'altezza di 360 cm dalla base inferiore della parete.

A taglio si inseriscono spilli $\phi 12/40 \times 40$ che garantiscono una tensione di taglio resistente di 6.16 daN/cm². Questa resistenza è sufficiente per gran parte della parete fatta eccezione per alcune zone indicate di seguito che richiedono spilli $\phi 12/20 \times 20$ con una tensione resistente di 24.65 daN/cm². Questa zona infittita ha altezza pari a 360 cm a partire dalla quota inferiore.

θ	22	°
ctg θ	2.48	ok
A_{sw}	283	mm ²
s	400	mm
α	90	°
ctg α	6E-17	
f_{yd}	391	MPa
	264941	N
V_{Rsd}	0.62	MPa
	6.16	daN/cm ²
	1066370	N
V_{Rcd}	2.48	MPa
	24.80	daN/cm ²
V_{Rd}	0.62	MPa
	6.16	daN/cm ²

D passo
12 40

1D12 40x40



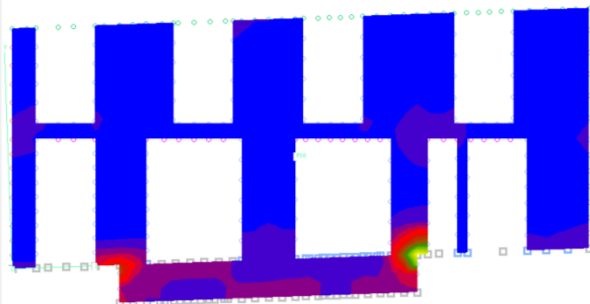
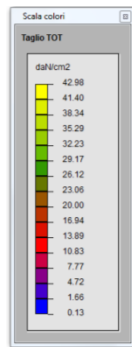
con armatura a taglio

FIGURA 38: ISOLINEE PER VERIFICA A TAGLIO

θ	22	°
ctg θ	2.48	ok
A_{sw}	565	mm ²
s	200	mm
α	90	°
ctg α	6E-17	
f_{yd}	391	MPa
	1059762	N
V_{Rsd}	2.46	MPa
	24.65	daN/cm ²
	1066370	N
V_{Rcd}	2.48	MPa
	24.80	daN/cm ²
V_{Rd}	2.46	MPa
	24.65	daN/cm ²

D passo
12 20

1D12 20x20



con armatura a taglio

FIGURA 39: TENSIONI TANGENZIALI MASSIME

L'armatura a taglio inserita lascia scoperta una piccola porzione di parete rappresentata nella figura seguente. Tuttavia, dato che la porzione in oggetto si trova a livello della platea, e quindi quella parte ha uno spessore notevolmente maggiore non colta dal modello di calcolo, non si infittisce ulteriormente l'armatura.

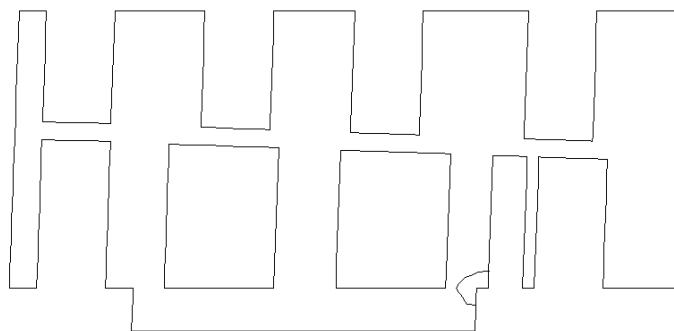


FIGURA 40: ZONA NON COPERTA DALL'ARMATURA A TAGLIO

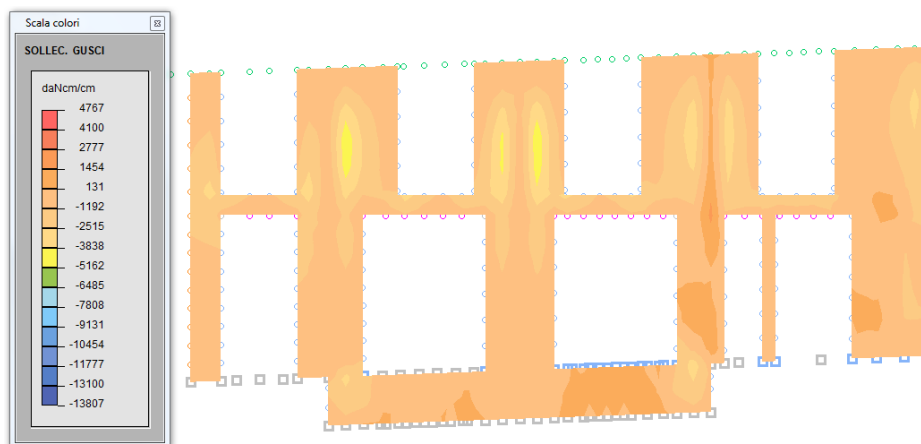


FIGURA 41: MIN Mx

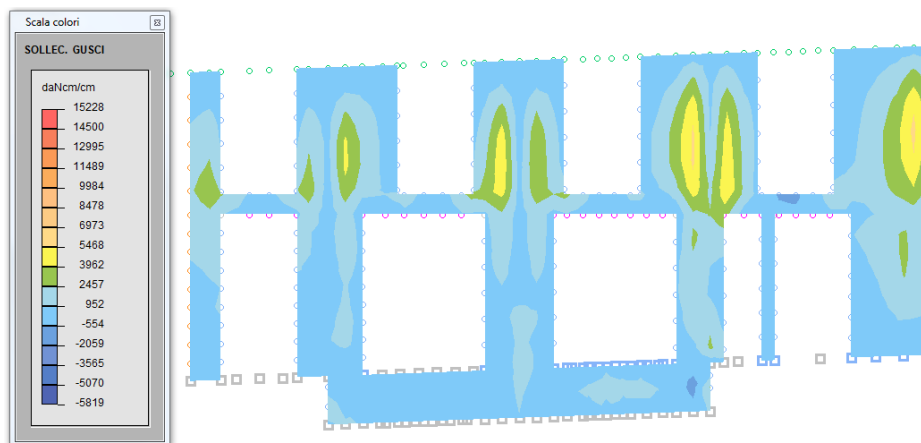


FIGURA 42: MAX Mx

corrispondenti deformazioni ultime.

	INFERIORE ORIZZONTALE								INFERIORE VERTICALE				
	GUSCI	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC
2022	50	19.30	19.30	6495.	110.	0.05	0.55	19.15	19.15	1038.	64.	0.00	0.18
2024	50	19.30	19.30	6362.	66.	0.08	0.49	19.15	19.15	322.	358.	0.00	0.48
2025	50	19.30	19.30	413.	334.	0.00	0.44	19.15	19.15	345.	344.	0.00	0.47
2026	50	19.30	19.30	4472.	205.	0.00	0.54	19.15	19.15	0.	372.	0.00	0.46
2027	50	19.30	19.30	452.	227.	0.00	0.31	19.15	19.15	0.	378.	0.00	0.47
2028	50	19.30	19.30	4564.	294.	0.00	0.65	19.15	19.15	0.	286.	0.00	0.36
2029	50	19.30	19.30	1471.	162.	0.00	0.29	19.15	19.15	0.	293.	0.00	0.36
2030	50	19.30	19.30	2858.	170.	0.00	0.39	19.15	19.15	1741.	345.	0.00	0.54
2031	50	19.30	19.30	2319.	187.	0.00	0.38	19.15	19.15	1730.	342.	0.00	0.54
2032	50	19.30	19.30	1841.	72.	0.03	0.21	19.15	19.15	0.	378.	0.00	0.47
2033	50	19.30	19.30	2405.	117.	0.00	0.37	19.15	19.15	0.	379.	0.00	0.47
2035	50	19.30	19.30	4737.	10.	0.10	0.31	19.15	19.15	1859.	175.	0.04	0.34
2036	50	19.30	19.30	974.	112.	0.00	0.26	19.15	19.15	1379.	136.	0.00	0.26
2037	50	19.30	19.30	5490.	-30.	0.13	0.34	19.15	19.15	1552.	67.	0.01	0.18
2038	50	19.30	19.30	883.	43.	0.00	0.13	19.15	19.15	0.	67.	0.00	0.08
2039	50	19.30	19.30	4044.	198.	0.00	0.50	19.15	19.15	0.	143.	0.00	0.18
2040	50	19.30	19.30	1706.	99.	0.00	0.23	19.15	19.15	1516.	175.	0.00	0.31
2041	50	19.30	19.30	5019.	291.	0.00	0.68	19.15	19.15	1319.	202.	0.00	0.36
2042	50	19.30	19.30	2177.	279.	0.00	0.48	19.15	19.15	3392.	348.	0.00	0.65
2043	50	19.30	19.30	4560.	317.	0.00	0.68	19.15	19.15	2923.	367.	0.00	0.64
2044	50	19.30	19.30	2391.	387.	0.00	0.63	19.15	19.15	0.	502.	0.00	0.62
2045	50	19.30	19.30	4100.	326.	0.00	0.66	19.15	19.15	1514.	329.	0.00	0.55
2046	50	19.30	19.30	7117.	129.	0.05	0.61	19.15	19.15	1431.	130.	0.00	0.27
2048	50	19.30	19.30	7551.	147.	0.04	0.66	19.15	19.15	731.	101.	0.00	0.17
2049	50	19.30	19.30	0.	289.	0.00	0.36	19.15	19.15	61.	364.	0.00	0.46
2050	50	19.30	19.30	6027.	223.	0.01	0.67	19.15	19.15	0.	228.	0.00	0.28
2051	50	19.30	19.30	1537.	48.	0.00	0.16	19.15	19.15	0.	353.	0.00	0.44
2052	50	19.30	19.30	5350.	254.	0.00	0.65	19.15	19.15	480.	302.	0.00	0.41
2053	50	19.30	19.30	1663.	45.	0.00	0.18	19.15	19.15	28.	321.	0.00	0.40
2054	50	19.30	19.30	2362.	97.	0.00	0.29	19.15	19.15	2458.	374.	0.00	0.62
2055	50	19.30	19.30	1647.	35.	0.00	0.18	19.15	19.15	1954.	280.	0.00	0.48
2056	50	19.30	19.30	367.	323.	0.00	0.42	19.15	19.15	1764.	277.	0.00	0.51
2057	50	19.30	19.30	0.	259.	0.00	0.32	19.15	19.15	1726.	194.	0.00	0.35
2059	50	19.30	19.30	9289.	76.	0.15	0.69	19.15	19.15	921.	-191.	0.04	0.13
2060	50	19.30	19.30	1239.	245.	0.00	0.38	19.15	19.15	0.	-71.	0.01	-0.01
2061	50	19.30	19.30	9566.	27.	0.20	0.64	19.15	19.15	0.	-113.	0.01	-0.01
2062	50	19.30	19.30	2946.	124.	0.00	0.34	19.15	19.15	0.	-86.	0.01	-0.01
2063	50	19.30	19.30	7382.	322.	0.08	0.87	19.15	19.15	0.	-76.	0.01	-0.01
2064	50	19.30	19.30	3791.	286.	0.00	0.60	19.15	19.15	3070.	-98.	0.08	0.19
2065	50	19.30	19.30	7667.	392.	0.00	0.98	19.15	19.15	2267.	-54.	0.06	0.17
2066	50	19.30	19.30	3672.	338.	0.00	0.65	19.15	19.15	4143.	227.	0.00	0.55
2067	50	19.30	19.30	6526.	337.	0.00	0.83	19.15	19.15	3860.	202.	0.03	0.50
2068	50	19.30	19.30	3458.	363.	0.00	0.67	19.15	19.15	2807.	218.	0.00	0.45
2069	50	19.30	19.30	5062.	206.	0.00	0.58	19.15	19.15	3792.	183.	0.05	0.47
2070	50	19.30	19.30	7345.	28.	0.14	0.50	19.15	19.15	1310.	-181.	0.05	0.15
2072	50	19.30	19.30	7518.	2.	0.17	0.48	19.15	19.15	0.	-98.	0.01	-0.01
2073	50	19.30	19.30	1087.	134.	0.00	0.27	19.15	19.15	744.	70.	0.01	0.13
2074	50	19.30	19.30	5314.	229.	0.06	0.62	19.15	19.15	0.	77.	0.00	0.10
2075	50	19.30	19.30	2178.	98.	0.00	0.26	19.15	19.15	0.	190.	0.00	0.24
2076	50	19.30	19.30	5765.	352.	0.00	0.80	19.15	19.15	1882.	31.	0.04	0.16
2077	50	19.30	19.30	2683.	234.	0.00	0.46	19.15	19.15	1200.	34.	0.02	0.12
2078	50	19.30	19.30	4556.	255.	0.00	0.61	19.15	19.15	3018.	131.	0.05	0.36
2079	50	19.30	19.30	2938.	244.	0.00	0.49	19.15	19.15	2643.	88.	0.05	0.28
2080	50	19.30	19.30	3366.	138.	0.00	0.38	19.15	19.15	3823.	-45.	0.09	0.23
2081	50	19.30	19.30	2692.	210.	0.00	0.43	19.15	19.15	4311.	-46.	0.11	0.29
2083	50	19.30	19.30	10815.	196.	0.11	0.93	19.15	19.15	2517.	454.	0.00	0.73
2084	50	19.30	19.30	4009.	-4.	0.09	0.29	19.15	19.15	1188.	472.	0.00	0.66
2085	50	19.30	19.30	10270.	118.	0.19	0.80	19.15	19.15	1395.	312.	0.00	0.48
2086	50	19.30	19.30	4033.	83.	0.05	0.36	19.15	19.15	705.	373.	0.00	0.52
2087	50	19.30	19.30	8502.	70.	0.14	0.66	19.15	19.15	632.	360.	0.00	0.49
2088	50	19.30	19.30	4763.	108.	0.00	0.44	19.15	19.15	571.	446.	0.00	0.59
2089	50	19.30	19.30	8451.	122.	0.09	0.69	19.15	19.15	1382.	355.	0.00	0.58
2090	50	19.30	19.30	4040.	105.	0.05	0.39	19.15	19.15	960.	512.	0.00	0.70
2091	50	19.30	19.30	8343.	54.	0.15	0.61	19.15	19.15	867.	499.	0.00	0.68
2092	50	19.30	19.30	3099.	98.	0.00	0.37	19.15	19.15	0.	721.	0.00	0.90
2093	50	19.30	19.30	8116.	-5.	0.19	0.52	19.15	19.15	112.	690.	0.00	0.86
2094	50	19.30	19.30	10901.	298.	0.08	1.07	19.15	19.15	2861.	502.	0.00	0.81
2096	50	19.30	19.30	10057.	238.	0.13	0.94	19.15	19.15	875.	396.	0.00	0.55
2097	50	19.30	19.30	3929.	233.	0.00	0.54	19.15	19.15	902.	424.	0.00	0.59
2098	50	19.30	19.30	8714.	171.	0.06	0.77	19.15	19.15	317.	390.	0.00	0.51
2099	50	19.30	19.30	4692.	157.	0.00	0.49	19.15	19.15	0.	421.	0.00	0.52
2100	50	19.30	19.30	7045.	184.	0.00	0.69	19.15	19.15	1292.	324.	0.00	0.49

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2101		50		19.30	19.30	3396.	142.	0.01	0.39		19.15	19.15	1158.	367.	0.00	0.53	
2102		50		19.30	19.30	5907.	121.	0.06	0.53		19.15	19.15	950.	482.	0.00	0.66	
2103		50		19.30	19.30	2686.	74.	0.05	0.26		19.15	19.15	1195.	404.	0.00	0.58	
2104		50		19.30	19.30	5149.	69.	0.05	0.41		19.15	19.15	0.	653.	0.00	0.81	
2105		50		19.30	19.30	581.	310.	0.00	0.42		19.15	19.15	307.	763.	0.00	0.97	
2107		50		19.30	19.30	4430.	117.	0.00	0.44		19.15	19.15	997.	112.	0.00	0.20	
2108		50		19.30	19.30	2941.	163.	0.00	0.39		19.15	19.15	782.	119.	0.00	0.22	
2109		50		19.30	19.30	6197.	45.	0.10	0.45		19.15	19.15	314.	217.	0.00	0.29	
2110		50		19.30	19.30	3639.	109.	0.00	0.37		19.15	19.15	1327.	118.	0.00	0.23	
2111		50		19.30	19.30	7449.	-2.	0.17	0.47		19.15	19.15	1209.	167.	0.00	0.28	
2112		50		19.30	19.30	4398.	73.	0.03	0.38		19.15	19.15	1915.	53.	0.03	0.19	
2113		50		19.30	19.30	8541.	29.	0.17	0.60		19.15	19.15	1853.	87.	0.03	0.23	
2114		50		19.30	19.30	3898.	74.	0.03	0.34		19.15	19.15	826.	-71.	0.03	0.06	
2115		50		19.30	19.30	7997.	67.	0.13	0.59		19.15	19.15	1083.	-34.	0.03	0.07	
2116		50		19.30	19.30	3033.	92.	0.00	0.31		19.15	19.15	2109.	96.	0.00	0.26	
2117		50		19.30	19.30	6850.	83.	0.08	0.54		19.15	19.15	1965.	91.	0.00	0.24	
3632		50		19.30	19.30	2444.	445.	0.00	0.71		19.15	19.15	1005.	55.	0.00	0.17	
3633		50		19.30	19.30	1831.	215.	0.00	0.38		19.15	19.15	864.	165.	0.00	0.26	
3634		50		19.30	19.30	0.	634.	0.00	0.78		19.15	19.15	1631.	18.	0.02	0.17	
3641		50		19.30	19.30	0.	617.	0.00	0.76		19.15	19.15	0.	442.	0.00	0.55	
3643		50		19.30	19.30	0.	1050.	0.00	1.29		19.15	19.15	326.	592.	0.00	0.76	
3644		50		19.30	19.30	3105.	461.	0.00	0.77		19.15	19.15	1267.	550.	0.00	0.80	
3645		50		19.30	19.30	0.	683.	0.00	0.84		19.15	19.15	1177.	317.	0.00	0.47	
3647		50		19.30	19.30	214.	812.	0.00	1.02		19.15	19.15	1738.	453.	0.00	0.68	
3648		50		19.30	19.30	0.	1100.	0.00	1.36		19.15	19.15	1315.	320.	0.00	0.48	
3649		50		19.30	19.30	2274.	215.	0.00	0.41		19.15	19.15	579.	332.	0.00	0.45	
3650		50		19.30	19.30	2379.	407.	0.00	0.67		19.15	19.15	0.	259.	0.00	0.32	
3651		50		19.30	19.30	0.	882.	0.00	1.09		19.15	19.15	0.	335.	0.00	0.42	
3654		50		19.30	19.30	0.	502.	0.00	0.62		19.15	19.15	749.	558.	0.00	0.74	
3657		50		19.30	19.30	0.	338.	0.00	0.42		19.15	19.15	1195.	453.	0.00	0.64	
3658		50		19.30	19.30	0.	-215.	0.02	0.08		19.15	19.15	887.	381.	0.00	0.53	
3659		50		19.30	19.30	0.	366.	0.02	0.45		19.15	19.15	424.	170.	0.00	0.24	
3663		50		19.30	19.30	2513.	110.	0.00	0.30		19.15	19.15	0.	-19.	0.00	0.01	
3664		50		19.30	19.30	2746.	171.	0.00	0.39		19.15	19.15	262.	-7.	0.01	0.02	
3665		50		19.30	19.30	2941.	141.	0.00	0.36		19.15	19.15	285.	17.	0.00	0.04	
3666		50		19.30	19.30	2840.	175.	0.00	0.40		19.15	19.15	339.	17.	0.00	0.04	
3668		50		19.30	19.30	2840.	262.	0.00	0.50		19.15	19.15	2399.	293.	0.00	0.52	
3670		50		19.30	19.30	3786.	239.	0.00	0.54		19.15	19.15	2015.	453.	0.00	0.69	
3671		50		19.30	19.30	2607.	204.	0.00	0.42		19.15	19.15	1965.	270.	0.00	0.46	
3672		50		19.30	19.30	0.	255.	0.00	0.31		19.15	19.15	1595.	243.	0.00	0.40	
3674		50		19.30	19.30	336.	195.	0.00	0.26		19.15	19.15	1259.	232.	0.00	0.37	
3675		50		19.30	19.30	317.	228.	0.00	0.30		19.15	19.15	1609.	60.	0.00	0.18	
3676		50		19.30	19.30	238.	174.	0.00	0.23		19.15	19.15	1703.	423.	0.00	0.64	
3677		50		19.30	19.30	1630.	121.	0.00	0.25		19.15	19.15	1308.	403.	0.00	0.59	
3678		50		19.30	19.30	1309.	145.	0.00	0.26		19.15	19.15	1870.	585.	0.00	0.85	
3679		50		19.30	19.30	428.	161.	0.00	0.23		19.15	19.15	0.	186.	0.00	0.23	
3681		50		19.30	19.30	0.	248.	0.00	0.31		19.15	19.15	570.	505.	0.00	0.67	
3682		50		19.30	19.30	325.	179.	0.00	0.24		19.15	19.15	295.	154.	0.00	0.21	
3683		50		19.30	19.30	114.	316.	0.00	0.40		19.15	19.15	1464.	207.	0.00	0.35	
3684		50		19.30	19.30	938.	293.	0.00	0.42		19.15	19.15	1159.	9.	0.02	0.09	
3685		50		19.30	19.30	533.	273.	0.00	0.37		19.15	19.15	1467.	222.	0.00	0.37	
3687		50		19.30	19.30	1108.	345.	0.00	0.50		19.15	19.15	978.	60.	0.00	0.14	
3689		50		19.30	19.30	901.	342.	0.00	0.48		19.15	19.15	495.	425.	0.00	0.56	
3690		50		19.30	19.30	1082.	331.	0.00	0.48		19.15	19.15	219.	117.	0.00	0.16	
3691		50		19.30	19.30	412.	186.	0.00	0.26		19.15	19.15	1645.	29.	0.00	0.14	
3692		50		19.30	19.30	601.	205.	0.00	0.29		19.15	19.15	1969.	14.	0.03	0.14	
3693		50		19.30	19.30	307.	169.	0.00	0.23		19.15	19.15	2218.	180.	0.00	0.37	
4478		50		19.30	19.30	62.	1408.	0.00	1.74		28.79	28.79	7118.	919.	0.00	1.14	
4479		50		19.30	19.30	538.	1424.	0.00	1.79		28.79	28.79	9200.	1043.	0.00	1.27	
4485		50		19.30	19.30	1105.	1151.	0.00	1.50		28.79	28.79	13830.	802.	0.00	1.27	
4486		50		19.30	19.30	648.	1367.	0.00	1.73		28.79	28.79	12265.	931.	0.00	1.31	
4500		50		19.30	19.30	202.	1121.	0.00	1.40		28.79	28.79	6402.	1180.	0.00	1.27	
4501		50		19.30	19.30	602.	1425.	0.00	1.80		28.79	28.79	4432.	1073.	0.00	1.08	
4507		50		19.30	19.30	582.	1156.	0.00	1.47		28.79	28.79	979.	174.	0.00	0.19	
4519		50		19.30	19.30	133.	447.	0.00	0.56		28.79	28.79	3603.	1583.	0.00	1.47	
4521		50		19.30	19.30	0.	925.	0.00	1.14		28.79	28.79	5967.	652.	0.00	0.80	
4522		50		19.30	19.30	0.	604.	0.00	0.75		28.79	28.79	3911.	970.	0.00	0.98	
4526		50		19.30	19.30	0.	382.	0.00	0.47		28.79	28.79	7668.	1040.	0.00	1.20	
4527		50		19.30	19.30	649.	403.	0.00	0.54		28.79	28.79	10619.	1219.	0.00	1.49	
4529		50		19.30	19.30	0.	705.	0.00	0.87		28.79	28.79	4683.	1183.	0.00	1.19	
4531		50		19.30	19.30	682.	1399.	0.00	1.77		28.79	28.79	12487.	973.	0.00	1.36	
4532		50		19.30	19.30	516.	1386.	0.00	1.74		28.79	28.79	10641.	1015.	0.00	1.31	
4533		50		19.30	19.30	335.	1416.	0.00	1.77		28.79	28.79	10674.	1030.	0.00	1.33	
4535		50		19.30	19.30	779.	1342.	0.00	1.71		28.79	28.79	13890.	883.	0.00	1.34	
4536		50		19.30	19.30	828.	1343.	0.00	1.71		28.79	28.79	13026.	915.	0.00	1.33	
4537		50		19.30	19.30	0.	1376.	0.00	1.70		28.79	28.79	13285.	934.	0.00	1.36	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4539		50		19.30	19.30	864.	1280.	0.00	1.64		28.79	28.79	13994.	811.	0.00	1.28	
4540		50		19.30	19.30	984.	1284.	0.00	1.65		28.79	28.79	13965.	827.	0.00	1.30	
4541		50		19.30	19.30	0.	1304.	0.00	1.61		28.79	28.79	13985.	858.	0.00	1.32	
4543		50		19.30	19.30	911.	1200.	0.00	1.54		28.79	28.79	14425.	752.	0.00	1.25	
4544		50		19.30	19.30	966.	1210.	0.00	1.56		28.79	28.79	13767.	768.	0.00	1.24	
4545		50		19.30	19.30	207.	1227.	0.00	1.53		28.79	28.79	14261.	786.	0.00	1.27	
4547		50		19.30	19.30	1493.	1126.	0.00	1.49		28.79	28.79	13841.	754.	0.00	1.23	
4548		50		19.30	19.30	1222.	1113.	0.00	1.46		28.79	28.79	12694.	759.	0.00	1.18	
4549		50		19.30	19.30	619.	1162.	0.00	1.48		28.79	28.79	14351.	748.	0.00	1.25	
4551		50		19.30	19.30	645.	1261.	0.00	1.60		28.79	28.79	12309.	949.	0.00	1.33	
4552		50		19.30	19.30	1632.	1262.	0.00	1.67		28.79	28.79	10662.	994.	0.00	1.29	
4553		50		19.30	19.30	510.	1251.	0.00	1.58		28.79	28.79	11406.	1057.	0.00	1.38	
4555		50		19.30	19.30	1017.	1197.	0.00	1.55		28.79	28.79	12928.	838.	0.00	1.26	
4556		50		19.30	19.30	1821.	1206.	0.00	1.61		28.79	28.79	12184.	861.	0.00	1.25	
4557		50		19.30	19.30	904.	1208.	0.00	1.55		28.79	28.79	12664.	909.	0.00	1.31	
4559		50		19.30	19.30	936.	1140.	0.00	1.47		28.79	28.79	13078.	640.	0.00	1.10	
4560		50		19.30	19.30	1560.	1161.	0.00	1.54		28.79	28.79	12700.	779.	0.00	1.20	
4561		50		19.30	19.30	968.	1150.	0.00	1.48		28.79	28.79	13048.	814.	0.00	1.25	
4563		50		19.30	19.30	396.	1057.	0.00	1.33		28.79	28.79	12709.	442.	0.00	0.92	
4564		50		19.30	19.30	1748.	1112.	0.00	1.49		28.79	28.79	11857.	611.	0.00	1.02	
4565		50		19.30	19.30	711.	1107.	0.00	1.41		28.79	28.79	12991.	622.	0.00	1.08	
4566		50		19.30	19.30	0.	1548.	0.00	1.91		28.79	28.79	10632.	1089.	0.00	1.38	
4567		50		19.30	19.30	846.	1495.	0.00	3.07		28.79	28.79	9442.	1202.	0.00	1.42	
4568		50		19.30	19.30	729.	1411.	0.00	1.82		28.79	28.79	9663.	1224.	0.00	1.45	
4569		50		19.30	19.30	600.	1334.	0.00	1.69		28.79	28.79	10972.	1154.	0.00	1.45	
4570		50		19.30	19.30	1417.	1063.	0.00	1.41		28.79	28.79	11232.	490.	0.22	0.89	
4571		50		19.30	19.30	855.	172.	0.00	0.27		28.79	28.79	7274.	325.	0.03	0.63	
4572		50		19.30	19.30	550.	873.	0.00	1.11		28.79	28.79	4535.	852.	0.00	0.90	
4573		50		19.30	19.30	0.	517.	0.00	0.64		28.79	28.79	862.	1194.	0.00	1.03	
4773		50		19.30	19.30	0.	350.	0.00	0.43		28.79	28.79	5093.	1833.	0.00	1.75	
4775		50		19.30	19.30	837.	284.	0.00	0.40		28.79	28.79	6626.	1700.	0.00	1.71	
4776		50		19.30	19.30	0.	241.	0.00	0.30		28.79	28.79	3854.	1515.	0.00	1.43	
8966		50		19.30	19.30	0.	563.	0.00	0.69		19.15	19.15	0.	808.	0.00	1.00	
8967		50		19.30	19.30	0.	540.	0.00	0.67		19.15	19.15	0.	527.	0.00	0.66	
8968		50		19.30	19.30	0.	488.	0.00	0.60		19.15	19.15	0.	460.	0.00	0.57	
8969		50		19.30	19.30	0.	322.	0.00	0.40		19.15	19.15	0.	335.	0.00	0.42	
8970		50		19.30	19.30	0.	310.	0.00	0.38		19.15	19.15	1328.	229.	0.00	0.37	
8971		50		19.30	19.30	116.	295.	0.00	0.37		19.15	19.15	1812.	216.	0.00	0.39	
8972		50		19.30	19.30	0.	731.	0.00	0.90		19.15	19.15	0.	1018.	0.00	1.26	
8973		50		19.30	19.30	0.	628.	0.00	0.77		19.15	19.15	0.	747.	0.00	0.93	
8974		50		19.30	19.30	0.	423.	0.00	0.52		19.15	19.15	0.	534.	0.00	0.66	
8975		50		19.30	19.30	0.	91.	0.00	0.11		19.15	19.15	0.	309.	0.00	0.38	
8976		50		19.30	19.30	370.	189.	0.00	0.26		19.15	19.15	1112.	157.	0.02	0.27	
8977		50		19.30	19.30	817.	261.	0.00	0.37		19.15	19.15	2507.	136.	0.00	0.38	
8978		50		19.30	19.30	100.	662.	0.00	0.82		19.15	19.15	0.	520.	0.00	0.65	
8981		50		19.30	19.30	0.	763.	0.00	0.94		19.15	19.15	0.	476.	0.00	0.59	
8982		50		19.30	19.30	798.	447.	0.00	0.62		19.15	19.15	1859.	400.	0.00	0.62	
8983		50		19.30	19.30	0.	457.	0.00	0.56		19.15	19.15	308.	138.	0.00	0.19	
8984		50		19.30	19.30	96.	158.	0.00	0.20		19.15	19.15	0.	112.	0.00	0.14	
8985		50		19.30	19.30	1145.	87.	0.00	0.18		19.15	19.15	3544.	-50.	0.09	0.22	
8986		50		19.30	19.30	1834.	292.	0.00	0.48		19.15	19.15	4345.	209.	0.00	0.55	
8987		50		19.30	19.30	2217.	416.	0.00	0.66		19.15	19.15	3071.	159.	0.00	0.47	
8988		50		19.30	19.30	1231.	889.	0.00	1.18		19.15	19.15	974.	273.	0.00	0.40	
8989		50		19.30	19.30	0.	558.	0.00	0.69		19.15	19.15	1308.	131.	0.00	0.25	
8991		50		19.30	19.30	0.	1112.	0.00	1.37		19.15	19.15	705.	20.	0.00	0.07	
8992		50		19.30	19.30	1174.	347.	0.00	0.50		19.15	19.15	4169.	15.	0.08	0.29	
8993		50		19.30	19.30	1505.	220.	0.00	0.37		19.15	19.15	2364.	16.	0.04	0.18	
8994		50		19.30	19.30	824.	48.	0.00	0.11		19.15	19.15	0.	-72.	0.01	0.06	
8995		50		19.30	19.30	451.	136.	0.00	0.20		19.15	19.15	0.	458.	0.00	0.57	
8996		50		19.30	19.30	382.	222.	0.00	0.30		19.15	19.15	0.	427.	0.00	0.53	
8997		50		19.30	19.30	473.	222.	0.00	0.30		19.15	19.15	631.	512.	0.00	0.68	
8998		50		19.30	19.30	372.	232.	0.00	0.31		19.15	19.15	0.	715.	0.00	0.89	
8999		50		19.30	19.30	643.	137.	0.00	0.26		19.15	19.15	687.	396.	0.00	0.54	
9000		50		19.30	19.30	0.	295.	0.00	0.36		19.15	19.15	608.	609.	0.00	0.80	
9001		50		19.30	19.30	615.	218.	0.00	0.31		19.15	19.15	0.	248.	0.00	0.31	
9002		50		19.30	19.30	133.	506.	0.00	0.63		19.15	19.15	204.	218.	0.00	0.28	
9003		50		19.30	19.30	228.	565.	0.00	0.71		19.15	19.15	2066.	439.	0.00	0.68	
9005		50		19.30	19.30	0.	493.	0.00	0.61		19.15	19.15	213.	639.	0.00	0.81	
9006		50		19.30	19.30	0.	298.	0.00	0.37		19.15	19.15	0.	534.	0.00	0.66	
9008		50		19.30	19.30	0.	414.	0.00	0.51		19.15	19.15	987.	550.	0.00	0.75	
9009		50		19.30	19.30	0.	288.	0.00	0.36		19.15	19.15	0.	437.	0.00	0.54	
9010		50		19.30	19.30	212.	593.	0.00	0.75		19.15	19.15	0.	457.	0.00	0.57	
9011		50		19.30	19.30	0.	676.	0.00	0.83		19.15	19.15	0.	396.	0.00	0.49	
9013		50		19.30	19.30	0.	1355.	0.00	1.67		19.15	19.15	0.	327.	0.00	0.41	
9014		50		19.30	19.30	0.	571.	0.00	0.70		19.15	19.15	0.	565.	0.00	0.70	
9015		50		19.30	19.30	0.	344.	0.00	0.42		19.15	19.15	6.	524.	0.00	0.65	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9017		50		19.30	19.30	0.	477.	0.00	0.59		19.15	19.15	0.	450.	0.00	0.56	
9019		50		19.30	19.30	0.	476.	0.00	0.59		19.15	19.15	1351.	860.	0.00	1.16	
9020		50		19.30	19.30	0.	406.	0.00	0.50		19.15	19.15	1577.	891.	0.00	1.22	
9021		50		19.30	19.30	0.	550.	0.00	0.68		19.15	19.15	889.	945.	0.00	1.24	
9023		50		19.30	19.30	0.	401.	0.00	0.49		19.15	19.15	1843.	772.	0.00	1.08	
9024		50		19.30	19.30	0.	425.	0.00	0.52		19.15	19.15	2018.	797.	0.00	1.13	
9026		50		19.30	19.30	0.	371.	0.00	0.46		19.15	19.15	1534.	832.	0.00	1.14	
9027		50		19.30	19.30	268.	364.	0.00	0.47		19.15	19.15	2923.	585.	0.00	0.92	
9028		50		19.30	19.30	145.	263.	0.00	0.33		19.15	19.15	1013.	438.	0.00	0.61	
9029		50		19.30	19.30	1669.	41.	0.00	0.16		19.15	19.15	0.	460.	0.00	0.57	
9030		50		19.30	19.30	1218.	32.	0.03	0.12		19.15	19.15	917.	408.	0.00	0.57	
9031		50		19.30	19.30	481.	197.	0.01	0.27		19.15	19.15	669.	605.	0.00	0.80	
9032		50		19.30	19.30	928.	312.	0.00	0.49		19.15	19.15	1191.	781.	0.00	1.05	
9033		50		19.30	19.30	0.	249.	0.00	0.31		19.15	19.15	948.	245.	0.00	0.37	
9034		50		19.30	19.30	0.	1347.	0.00	1.66		19.15	19.15	971.	341.	0.00	0.49	
9036		50		19.30	19.30	320.	402.	0.00	0.52		19.15	19.15	1876.	316.	0.00	0.51	
9040		50		19.30	19.30	0.	127.	0.00	0.16		19.15	19.15	0.	33.	0.00	0.04	
9041		50		19.30	19.30	1070.	-1.	0.03	0.07		19.15	19.15	105.	47.	0.00	0.07	
9042		50		19.30	19.30	2183.	60.	0.03	0.21		19.15	19.15	355.	124.	0.00	0.18	
9043		50		19.30	19.30	162.	42.	0.00	0.06		19.15	19.15	876.	-22.	0.02	0.05	
9044		50		19.30	19.30	1278.	-21.	0.03	0.08		19.15	19.15	891.	-15.	0.02	0.07	
9045		50		19.30	19.30	2091.	108.	0.00	0.27		19.15	19.15	1442.	84.	0.00	0.20	
9046		50		19.30	19.30	341.	53.	0.00	0.09		19.15	19.15	2134.	-37.	0.05	0.13	
9047		50		19.30	19.30	1212.	84.	0.00	0.20		19.15	19.15	1934.	-34.	0.05	0.12	
9048		50		19.30	19.30	2034.	107.	0.00	0.26		19.15	19.15	1918.	32.	0.04	0.16	
9049		50		19.30	19.30	384.	175.	0.00	0.24		19.15	19.15	1147.	-25.	0.03	0.07	
9050		50		19.30	19.30	844.	118.	0.00	0.20		19.15	19.15	730.	-18.	0.02	0.07	
9051		50		19.30	19.30	1766.	99.	0.00	0.23		19.15	19.15	834.	-67.	0.03	0.05	
9052		50		19.30	19.30	477.	266.	0.00	0.36		19.15	19.15	1706.	156.	0.00	0.31	
9053		50		19.30	19.30	587.	104.	0.00	0.17		19.15	19.15	1694.	154.	0.00	0.30	
9054		50		19.30	19.30	1363.	75.	0.00	0.18		19.15	19.15	2047.	94.	0.00	0.25	
9056		50		19.30	19.30	123.	169.	0.00	0.22		19.15	19.15	0.	190.	0.00	0.24	
9057		50		19.30	19.30	0.	140.	0.00	0.17		19.15	19.15	0.	148.	0.00	0.18	
9058		50		19.30	19.30	11.	255.	0.00	0.32		19.15	19.15	0.	202.	0.00	0.25	
9060		50		19.30	19.30	1084.	62.	0.00	0.15		19.15	19.15	0.	129.	0.00	0.16	
9061		50		19.30	19.30	570.	21.	0.00	0.06		19.15	19.15	0.	131.	0.00	0.16	
9062		50		19.30	19.30	690.	98.	0.00	0.16		19.15	19.15	0.	179.	0.00	0.22	
9064		50		19.30	19.30	2412.	61.	0.00	0.23		19.15	19.15	246.	19.	0.00	0.04	
9065		50		19.30	19.30	2207.	83.	0.00	0.24		19.15	19.15	97.	12.	0.00	0.02	
9066		50		19.30	19.30	1665.	112.	0.00	0.24		19.15	19.15	0.	36.	0.00	0.04	
9076		50		19.30	19.30	1326.	192.	0.00	0.32		28.79	28.79	4398.	-118.	0.10	0.17	
9077		50		19.30	19.30	2020.	109.	0.00	0.26		28.79	28.79	1191.	-53.	0.03	0.05	
9078		50		19.30	19.30	2403.	40.	0.04	0.20		28.79	28.79	910.	32.	0.01	0.07	
9079		50		19.30	19.30	2700.	-19.	0.06	0.17		19.15	19.15	369.	-9.	0.01	0.03	
9080		50		19.30	19.30	2406.	-33.	0.06	0.15		19.15	19.15	327.	-47.	0.01	0.02	
9081		50		19.30	19.30	2566.	-5.	0.06	0.16		19.15	19.15	545.	-11.	0.01	0.05	
9082		50		19.30	19.30	3813.	48.	0.05	0.30		19.15	19.15	2903.	-71.	0.08	0.17	
9083		50		19.30	19.30	4837.	134.	0.00	0.47		19.15	19.15	3213.	-91.	0.08	0.21	
9085		50		19.30	19.30	3205.	121.	0.00	0.35		19.15	19.15	0.	-68.	0.01	-0.01	
9086		50		19.30	19.30	1895.	321.	0.00	0.52		19.15	19.15	0.	-6.	0.00	0.00	
9088		50		19.30	19.30	4497.	142.	0.00	0.46		19.15	19.15	0.	1.	0.00	0.00	
9089		50		19.30	19.30	0.	54.	0.00	0.07		28.79	28.79	4393.	319.	0.00	0.47	
9090		50		19.30	19.30	69.	22.	0.00	0.03		28.79	28.79	983.	298.	0.00	0.29	
9091		50		19.30	19.30	109.	26.	0.00	0.04		28.79	28.79	0.	257.	0.00	0.21	
9092		50		19.30	19.30	177.	31.	0.00	0.05		28.79	19.15	0.	214.	0.00	0.27	
9093		50		19.30	19.30	486.	27.	0.01	0.06		19.15	19.15	0.	152.	0.00	0.19	
9096		50		19.30	19.30	3024.	87.	0.01	0.30		19.15	19.15	40.	-77.	0.01	0.03	
9098		50		19.30	19.30	761.	19.	0.00	0.07		19.15	19.15	0.	6.	0.00	0.01	
9100		50		19.30	19.30	1289.	45.	0.00	0.14		19.15	19.15	0.	27.	0.00	0.03	
9101		50		19.30	19.30	938.	34.	0.00	0.10		19.15	19.15	0.	34.	0.00	0.04	
9102		50		19.30	19.30	1538.	59.	0.00	0.17		19.15	19.15	0.	-14.	0.00	0.00	
9104		50		19.30	19.30	2204.	92.	0.00	0.25		19.15	19.15	0.	-29.	0.00	0.00	
9105		50		19.30	19.30	1648.	67.	0.00	0.19		19.15	19.15	0.	-53.	0.01	-0.01	
9106		50		19.30	19.30	1953.	21.	0.02	0.15		19.15	19.15	930.	-128.	0.04	0.04	
9107		50		19.30	19.30	2374.	113.	0.00	0.29		19.15	19.15	1090.	-32.	0.03	0.07	
9109		50		19.30	19.30	1163.	201.	0.00	0.32		19.15	19.15	41.	-24.	0.00	0.00	
9110		50		19.30	19.30	1837.	196.	0.00	0.36		28.79	28.79	4642.	354.	0.00	0.49	
9111		50		19.30	19.30	0.	712.	0.00	0.88		28.79	28.79	6353.	380.	0.00	0.62	
9112		50		19.30	19.30	3542.	40.	0.08	0.27		28.79	28.79	1390.	273.	0.00	0.29	
9113		50		19.30	19.30	543.	374.	0.00	0.50		28.79	28.79	1413.	302.	0.00	0.31	
9114		50		19.30	19.30	3828.	-4.	0.09	0.24		28.79	28.79	0.	263.	0.00	0.22	
9115		50		19.30	19.30	1139.	21.	0.03	0.10		28.79	28.79	41.	288.	0.00	0.24	
9116		50		19.30	19.30	3559.	2.	0.08	0.23		28.79	19.15	0.	222.	0.00	0.28	
9117		50		19.30	19.30	825.	62.	0.02	0.13		28.79	19.15	0.	261.	0.00	0.32	
9118		50		19.30	19.30	3005.	19.	0.05	0.21		19.15	19.15	0.	159.	0.00	0.20	
9119		50		19.30	19.30	792.	24.	0.01	0.09		19.15	19.15	0.	200.	0.00	0.25	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9121		50		19.30	19.30	949.	-1.	0.02	0.06		19.15	19.15	0.	137.	0.00	0.17	
9123		50		19.30	19.30	1313.	14.	0.03	0.10		19.15	19.15	0.	58.	0.00	0.07	
9124		50		19.30	19.30	4325.	32.	0.07	0.31		19.15	19.15	468.	-34.	0.01	0.03	
9125		50		19.30	19.30	1553.	22.	0.01	0.13		19.15	19.15	0.	-84.	0.01	-0.01	
9126		50		19.30	19.30	5799.	51.	0.08	0.43		19.15	19.15	1230.	-187.	0.05	0.08	
9127		50		19.30	19.30	1291.	43.	0.00	0.17		19.15	19.15	1967.	-37.	0.05	0.12	
9128		50		19.30	19.30	2674.	24.	0.03	0.20		19.15	19.15	0.	-1.	0.00	0.00	
9129		50		19.30	19.30	2798.	45.	0.01	0.23		19.15	19.15	0.	-18.	0.00	0.00	
9130		50		19.30	19.30	3457.	50.	0.03	0.28		19.15	19.15	0.	-22.	0.00	0.00	
9132		50		19.30	19.30	2285.	18.	0.03	0.17		19.15	19.15	0.	27.	0.00	0.03	
9133		50		19.30	19.30	2165.	20.	0.03	0.16		19.15	19.15	0.	81.	0.00	0.10	
9134		50		19.30	19.30	2296.	17.	0.03	0.17		19.15	19.15	0.	44.	0.00	0.05	
9136		50		19.30	19.30	503.	1385.	0.00	1.74		28.79	28.79	868.	1070.	0.00	0.92	
9137		50		19.30	19.30	631.	1399.	0.00	1.77		28.79	28.79	0.	1050.	0.00	0.87	
9140		50		19.30	19.30	827.	1343.	0.00	1.71		28.79	28.79	0.	1074.	0.00	0.89	
9141		50		19.30	19.30	893.	1342.	0.00	1.72		28.79	28.79	0.	1052.	0.00	0.87	
9144		50		19.30	19.30	762.	1286.	0.00	1.64		28.79	28.79	0.	1025.	0.00	0.85	
9145		50		19.30	19.30	950.	1280.	0.00	1.64		28.79	28.79	0.	979.	0.00	0.81	
9148		50		19.30	19.30	583.	1212.	0.00	1.53		28.79	28.79	0.	783.	0.00	0.65	
9149		50		19.30	19.30	956.	1200.	0.00	1.54		28.79	28.79	0.	656.	0.00	0.54	
9152		50		19.30	19.30	809.	1128.	0.00	1.45		28.79	28.79	0.	410.	0.00	0.34	
9153		50		19.30	19.30	1381.	1129.	0.00	1.49		28.79	28.79	0.	256.	0.00	0.21	
9156		50		19.30	19.30	537.	1332.	0.00	1.68		28.79	28.79	942.	1225.	0.00	1.06	
9157		50		19.30	19.30	302.	1254.	0.00	1.57		28.79	28.79	125.	1241.	0.00	1.03	
9159		50		19.30	19.30	330.	1314.	0.00	1.64		28.79	28.79	1225.	1251.	0.00	1.09	
9160		50		19.30	19.30	1751.	1262.	0.00	1.68		28.79	28.79	185.	1128.	0.00	0.94	
9161		50		19.30	19.30	549.	1254.	0.00	1.58		28.79	28.79	208.	1063.	0.00	0.89	
9163		50		19.30	19.30	713.	1254.	0.00	1.60		28.79	28.79	146.	1184.	0.00	0.99	
9164		50		19.30	19.30	1886.	1206.	0.00	1.62		28.79	28.79	286.	966.	0.00	0.81	
9165		50		19.30	19.30	1028.	1193.	0.00	1.54		28.79	28.79	180.	733.	0.00	0.61	
9167		50		19.30	19.30	1020.	1208.	0.00	1.56		28.79	28.79	236.	1001.	0.00	0.84	
9168		50		19.30	19.30	1407.	1161.	0.00	1.53		28.79	28.79	51.	499.	0.00	0.42	
9169		50		19.30	19.30	938.	1135.	0.00	1.46		28.79	28.79	0.	258.	0.00	0.21	
9171		50		19.30	19.30	1187.	1153.	0.00	1.50		28.79	28.79	91.	577.	0.00	0.48	
9172		50		19.30	19.30	1616.	1109.	0.00	1.48		28.79	28.79	316.	46.	0.00	0.05	
9173		50		19.30	19.30	571.	1062.	0.00	1.35		28.79	28.79	241.	12.	0.00	0.02	
9175		50		19.30	19.30	1209.	1106.	0.00	1.45		28.79	28.79	52.	117.	0.00	0.10	
9176		50		19.30	19.30	1240.	935.	0.00	1.24		28.79	28.79	857.	324.	0.00	0.31	
9177		50		19.30	19.30	807.	296.	0.00	0.42		28.79	28.79	1468.	595.	0.00	0.56	
9179		50		19.30	19.30	944.	1042.	0.00	1.35		28.79	28.79	291.	201.	0.00	0.18	
9180		50		19.30	19.30	855.	125.	0.00	0.21		28.79	28.79	2255.	961.	0.00	0.89	
9181		50		19.30	19.30	746.	121.	0.00	0.20		28.79	28.79	2792.	1307.	0.00	1.21	
9183		50		19.30	19.30	845.	79.	0.00	0.15		28.79	28.79	1919.	799.	0.00	0.74	
9191		50		19.30	19.30	380.	185.	0.00	0.25		28.79	28.79	0.	364.	0.00	0.30	
9192		50		19.30	19.30	58.	151.	0.00	0.19		28.79	19.15	51.	194.	0.00	0.24	
9193		50		19.30	19.30	467.	45.	0.00	0.09		19.15	19.15	0.	-70.	0.01	-0.01	
9194		50		19.30	19.30	1094.	133.	0.00	0.23		19.15	19.15	603.	-108.	0.03	0.03	
9195		50		19.30	19.30	1677.	281.	0.00	0.45		19.15	19.15	0.	-195.	0.02	-0.02	
9197		50		19.30	19.30	0.	86.	0.00	0.11		28.79	28.79	0.	382.	0.00	0.32	
9198		50		19.30	19.30	171.	34.	0.00	0.05		28.79	19.15	0.	190.	0.00	0.24	
9199		50		19.30	19.30	1656.	36.	0.02	0.15		19.15	19.15	0.	59.	0.00	0.07	
9200		50		19.30	19.30	3970.	145.	0.00	0.43		19.15	19.15	418.	-78.	0.02	0.02	
9201		50		19.30	19.30	7124.	98.	0.08	0.58		19.15	19.15	0.	-160.	0.02	-0.02	
9203		50		19.30	19.30	1226.	176.	0.00	0.29		28.79	28.79	0.	382.	0.00	0.32	
9204		50		19.30	19.30	423.	178.	0.00	0.25		28.79	19.15	0.	207.	0.00	0.24	
9205		50		19.30	19.30	854.	82.	0.00	0.16		19.15	19.15	0.	81.	0.00	0.10	
9206		50		19.30	19.30	2042.	83.	0.02	0.23		19.15	19.15	351.	-60.	0.02	0.02	
9207		50		19.30	19.30	5478.	50.	0.09	0.41		19.15	19.15	81.	-190.	0.02	-0.02	
9209		50		19.30	19.30	306.	194.	0.00	0.26		28.79	28.79	0.	494.	0.00	0.41	
9210		50		19.30	19.30	54.	170.	0.00	0.21		28.79	19.15	24.	312.	0.00	0.39	
9211		50		19.30	19.30	275.	101.	0.00	0.14		19.15	19.15	0.	218.	0.00	0.27	
9212		50		19.30	19.30	156.	144.	0.00	0.19		19.15	19.15	231.	20.	0.00	0.04	
9213		50		19.30	19.30	904.	188.	0.00	0.29		19.15	19.15	1336.	-141.	0.05	0.06	
9215		50		19.30	19.30	0.	289.	0.00	0.36		19.15	19.15	422.	403.	0.00	0.53	
9216		50		19.30	19.30	0.	288.	0.00	0.35		19.15	19.15	453.	381.	0.00	0.50	
9217		50		19.30	19.30	192.	125.	0.00	0.17		19.15	19.15	343.	284.	0.00	0.38	
9218		50		19.30	19.30	0.	291.	0.00	0.36		28.79	28.79	1820.	1155.	0.00	1.08	
9219		50		19.30	19.30	0.	140.	0.00	0.17		28.79	28.79	3953.	1191.	0.00	1.17	
9220		50		19.30	19.30	1528.	82.	0.01	0.20		28.79	28.79	1998.	1141.	0.00	1.53	
9221		50		19.30	19.30	1316.	23.	0.00	0.15		19.15	19.15	1432.	993.	0.00	1.33	
9222		50		19.30	19.30	1766.	116.	0.00	0.26		19.15	19.15	2399.	830.	0.00	1.20	
9223		50		19.30	19.30	1775.	99.	0.00	0.23		19.15	19.15	526.	752.	0.00	0.97	
9224		50		19.30	19.30	2623.	293.	0.00	0.53		28.79	28.79	689.	1157.	0.00	0.99	
9225		50		19.30	19.30	4595.	35.	0.07	0.41		28.79	28.79	4019.	1189.	0.00	1.17	
9226		50		19.30	19.30	4899.	-23.	0.12	0.42		28.79	28.79	2034.	1141.	0.00	1.54	
9227		50		19.30	19.30	3983.	45.	0.08	0.34		19.15	19.15	1313.	995.	0.00	1.33	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9228		50		19.30	19.30	5876.	120.	0.05	0.52		19.15	19.15	2408.	829.	0.00	1.20	
9229		50		19.30	19.30	8809.	135.	0.09	0.73		19.15	19.15	640.	756.	0.00	0.98	
9230		50		19.30	19.30	1688.	461.	0.00	0.68		28.79	28.79	0.	1178.	0.00	0.97	
9231		50		19.30	19.30	1105.	391.	0.00	0.55		28.79	28.79	4195.	1187.	0.00	1.19	
9232		50		19.30	19.30	1031.	261.	0.00	0.39		28.79	28.79	2063.	1136.	0.00	1.54	
9233		50		19.30	19.30	671.	117.	0.00	0.20		19.15	19.15	1272.	993.	0.00	1.32	
9234		50		19.30	19.30	3896.	302.	0.00	0.62		19.15	19.15	2417.	833.	0.00	1.20	
9235		50		19.30	19.30	8305.	306.	0.00	0.91		19.15	19.15	957.	736.	0.00	0.98	
9236		50		19.30	19.30	475.	266.	0.00	0.36		28.79	28.79	3077.	113.	0.00	0.24	
9237		50		19.30	19.30	582.	210.	0.00	0.30		28.79	28.79	2274.	-46.	0.05	0.10	
9238		50		19.30	19.30	317.	143.	0.00	0.20		28.79	19.15	1554.	-136.	0.05	0.12	
9239		50		19.30	19.30	216.	89.	0.00	0.12		19.15	19.15	1472.	143.	0.03	0.27	
9240		50		19.30	19.30	278.	99.	0.00	0.14		19.15	19.15	1661.	257.	0.00	0.43	
9241		50		19.30	19.30	0.	242.	0.00	0.30		19.15	19.15	1939.	271.	0.00	0.46	
9242		50		19.30	19.30	86.	340.	0.00	0.43		19.15	19.15	0.	87.	0.00	0.11	
9243		50		19.30	19.30	0.	204.	0.00	0.25		19.15	19.15	0.	67.	0.00	0.08	
9245		50		19.30	19.30	0.	639.	0.00	0.79		19.15	19.15	92.	98.	0.00	0.13	
9246		50		19.30	19.30	887.	165.	0.00	0.26		19.15	19.15	0.	142.	0.00	0.18	
9247		50		19.30	19.30	744.	88.	0.00	0.16		19.15	19.15	0.	52.	0.00	0.06	
9249		50		19.30	19.30	150.	222.	0.00	0.28		19.15	19.15	0.	62.	0.00	0.08	
9250		50		19.30	19.30	1490.	115.	0.00	0.24		19.15	19.15	0.	78.	0.00	0.10	
9251		50		19.30	19.30	1803.	102.	0.00	0.24		19.15	19.15	0.	28.	0.00	0.03	
9253		50		19.30	19.30	952.	48.	0.00	0.12		19.15	19.15	0.	99.	0.00	0.12	
9254		50		19.30	19.30	1637.	90.	0.00	0.21		28.79	28.79	12574.	-346.	0.27	0.45	
9255		50		19.30	19.30	1464.	206.	0.00	0.35		28.79	28.79	10090.	-199.	0.21	0.39	
9256		50		19.30	19.30	2773.	177.	0.00	0.40		28.79	28.79	7352.	20.	0.13	0.34	
9257		50		19.30	19.30	1289.	65.	0.00	0.16		28.79	28.79	2680.	-166.	0.07	0.09	
9258		50		19.30	19.30	1444.	183.	0.00	0.32		28.79	28.79	2282.	-49.	0.05	0.13	
9259		50		19.30	19.30	3316.	123.	0.00	0.36		28.79	28.79	1757.	177.	0.01	0.22	
9260		50		19.30	19.30	1046.	-3.	0.02	0.07		28.79	28.79	1640.	-259.	0.06	0.05	
9261		50		19.30	19.30	1763.	118.	0.00	0.27		28.79	28.79	1750.	-100.	0.04	0.11	
9262		50		19.30	19.30	3882.	54.	0.05	0.31		28.79	28.79	2563.	126.	0.00	0.22	
9263		50		19.30	19.30	655.	16.	0.01	0.06		19.15	19.15	1133.	-170.	0.04	0.07	
9264		50		19.30	19.30	2032.	102.	0.00	0.26		19.15	19.15	1400.	-78.	0.04	0.11	
9265		50		19.30	19.30	4195.	7.	0.09	0.28		19.15	19.15	2192.	27.	0.03	0.17	
9266		50		19.30	19.30	1070.	53.	0.00	0.13		19.15	19.15	1150.	-39.	0.03	0.07	
9267		50		19.30	19.30	2257.	123.	0.00	0.30		19.15	19.15	1228.	-28.	0.03	0.07	
9268		50		19.30	19.30	3934.	-14.	0.09	0.25		19.15	19.15	1397.	-9.	0.03	0.09	
9269		50		19.30	19.30	1514.	139.	0.00	0.27		19.15	19.15	1523.	17.	0.03	0.12	
9270		50		19.30	19.30	2297.	137.	0.00	0.32		19.15	19.15	992.	-87.	0.04	0.08	
9271		50		19.30	19.30	3370.	44.	0.05	0.29		19.15	19.15	1341.	-79.	0.04	0.07	
9275		50		19.30	19.30	1196.	110.	0.00	0.21		19.15	19.15	858.	38.	0.00	0.10	
9276		50		19.30	19.30	1605.	155.	0.00	0.29		19.15	19.15	960.	64.	0.00	0.14	
9278		50		19.30	19.30	1110.	206.	0.00	0.33		19.15	19.15	1157.	166.	0.00	0.28	
9279		50		19.30	19.30	2638.	134.	0.00	0.33		19.15	19.15	996.	-71.	0.03	0.05	
9280		50		19.30	19.30	3423.	107.	0.00	0.35		19.15	19.15	997.	12.	0.01	0.08	
9282		50		19.30	19.30	2850.	133.	0.00	0.35		19.15	19.15	1156.	-29.	0.03	0.07	
9283		50		19.30	19.30	2448.	116.	0.00	0.30		19.15	19.15	1028.	-24.	0.03	0.06	
9286		50		19.30	19.30	2366.	128.	0.00	0.31		19.15	19.15	1036.	57.	0.00	0.14	
9362		50		19.30	19.30	653.	947.	0.00	1.21		28.79	28.79	2697.	155.	0.00	0.25	
9363		50		19.30	19.30	464.	796.	0.00	1.01		28.79	28.79	2261.	203.	0.00	0.27	
9365		50		19.30	19.30	523.	953.	0.00	1.21		28.79	28.79	1458.	142.	0.00	0.18	
9366		50		19.30	19.30	0.	1106.	0.00	1.36		28.79	28.79	3173.	374.	0.00	0.45	
9367		50		19.30	19.30	0.	962.	0.00	1.19		28.79	28.79	2480.	534.	0.00	0.55	
9369		50		19.30	19.30	31.	1003.	0.00	1.24		28.79	28.79	2403.	272.	0.00	0.33	
9370		50		19.30	19.30	1.	1051.	0.00	1.30		28.79	28.79	3029.	831.	0.00	0.82	
9371		50		19.30	19.30	36.	961.	0.00	1.19		28.79	28.79	2519.	947.	0.00	0.89	
9373		50		19.30	19.30	207.	898.	0.00	1.12		28.79	28.79	2429.	678.	0.00	0.67	
9374		50		19.30	19.30	0.	1032.	0.00	1.27		28.79	28.79	2818.	1189.	0.00	1.11	
9375		50		19.30	19.30	553.	865.	0.00	1.11		28.79	28.79	1964.	1252.	0.00	1.12	
9377		50		19.30	19.30	0.	885.	0.00	1.09		28.79	28.79	2539.	1094.	0.00	1.02	
9379		50		19.30	19.30	751.	527.	0.00	0.70		28.79	28.79	2559.	393.	0.00	0.44	
9380		50		19.30	19.30	346.	405.	0.00	0.52		28.79	28.79	2909.	390.	0.00	0.45	
9381		50		19.30	19.30	339.	634.	0.00	0.80		28.79	28.79	2553.	450.	0.00	0.48	
9383		50		19.30	19.30	0.	624.	0.00	0.77		28.79	28.79	2287.	502.	0.00	0.51	
9384		50		19.30	19.30	0.	406.	0.00	0.50		28.79	28.79	2613.	429.	0.00	0.47	
9385		50		19.30	19.30	0.	627.	0.00	0.77		28.79	28.79	2417.	362.	0.00	0.40	
9387		50		19.30	19.30	235.	697.	0.00	0.88		28.79	28.79	2426.	492.	0.00	0.51	
9388		50		19.30	19.30	655.	469.	0.00	0.62		28.79	28.79	2609.	456.	0.00	0.49	
9389		50		19.30	19.30	335.	522.	0.00	0.67		28.79	28.79	2287.	502.	0.00	0.51	
9391		50		19.30	19.30	136.	571.	0.00	0.71		28.79	28.79	2596.	681.	0.00	0.68	
9392		50		19.30	19.30	0.	408.	0.00	0.50		28.79	28.79	2934.	493.	0.00	0.53	
9393		50		19.30	19.30	0.	560.	0.00	0.69		28.79	28.79	2578.	547.	0.00	0.56	

SUPERIORE ORIZZONTALE						SUPERIORE VERTICALE							
GUSCI	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2022		50		19.30	19.30	2545.	110.	0.00	0.30		19.15	19.15	1318.	104.	0.00	0.21	
2024		50		19.30	19.30	3831.	66.	0.02	0.33		19.15	19.15	2836.	363.	0.00	0.63	
2025		50		19.30	19.30	1910.	334.	0.00	0.53		19.15	19.15	2887.	369.	0.00	0.65	
2026		50		19.30	19.30	2990.	205.	0.00	0.44		19.15	19.15	1922.	372.	0.00	0.59	
2027		50		19.30	19.30	1900.	227.	0.00	0.40		19.15	19.15	1964.	378.	0.00	0.60	
2028		50		19.30	19.30	1240.	294.	0.00	0.44		19.15	19.15	1621.	286.	0.00	0.46	
2029		50		19.30	19.30	934.	162.	0.00	0.26		19.15	19.15	1652.	293.	0.00	0.47	
2030		50		19.30	19.30	0.	170.	0.00	0.21		19.15	19.15	2075.	345.	0.00	0.56	
2031		50		19.30	19.30	929.	187.	0.00	0.29		19.15	19.15	2052.	342.	0.00	0.56	
2032		50		19.30	19.30	1374.	28.	0.02	0.12		19.15	19.15	2548.	359.	0.00	0.61	
2033		50		19.30	19.30	533.	233.	0.00	0.32		19.15	19.15	2540.	358.	0.00	0.61	
2035		50		19.30	19.30	3314.	10.	0.07	0.29		19.15	19.15	1514.	175.	0.03	0.31	
2036		50		19.30	19.30	3007.	208.	0.00	0.45		19.15	19.15	1950.	129.	0.00	0.29	
2037		50		19.30	19.30	5334.	-30.	0.13	0.40		19.15	19.15	1402.	62.	0.00	0.17	
2038		50		19.30	19.30	2309.	87.	0.01	0.25		19.15	19.15	1432.	67.	0.01	0.17	
2039		50		19.30	19.30	3532.	176.	0.00	0.44		19.15	19.15	1589.	143.	0.00	0.28	
2040		50		19.30	19.30	1091.	99.	0.00	0.19		19.15	19.15	1604.	175.	0.00	0.32	
2041		50		19.30	19.30	1802.	291.	0.00	0.47		19.15	19.15	1366.	251.	0.00	0.40	
2042		50		19.30	19.30	1116.	279.	0.00	0.42		19.15	19.15	2149.	368.	0.00	0.60	
2043		50		19.30	19.30	1073.	317.	0.00	0.46		19.15	19.15	2017.	367.	0.00	0.59	
2044		50		19.30	19.30	1862.	387.	0.01	0.60		19.15	19.15	2885.	502.	0.00	0.81	
2045		50		19.30	19.30	1651.	281.	0.00	0.48		19.15	19.15	1705.	444.	0.00	0.66	
2046		50		19.30	19.30	1057.	129.	0.00	0.23		19.15	19.15	1777.	178.	0.00	0.34	
2048		50		19.30	19.30	3905.	125.	0.00	0.40		19.15	19.15	1270.	91.	0.00	0.20	
2049		50		19.30	19.30	1941.	269.	0.00	0.47		19.15	19.15	1698.	364.	0.00	0.56	
2050		50		19.30	19.30	6353.	257.	0.00	0.72		19.15	19.15	1677.	228.	0.00	0.39	
2051		50		19.30	19.30	3437.	79.	0.03	0.32		19.15	19.15	1921.	353.	0.00	0.56	
2052		50		19.30	19.30	6840.	254.	0.04	0.75		19.15	19.15	1468.	302.	0.00	0.47	
2053		50		19.30	19.30	3817.	30.	0.06	0.35		19.15	19.15	1943.	319.	0.00	0.52	
2054		50		19.30	19.30	5863.	97.	0.05	0.49		19.15	19.15	1754.	374.	0.00	0.58	
2055		50		19.30	19.30	3127.	34.	0.04	0.27		19.15	19.15	1156.	280.	0.00	0.42	
2056		50		19.30	19.30	3268.	323.	0.02	0.61		19.15	19.15	988.	346.	0.00	0.50	
2057		50		19.30	19.30	1454.	259.	0.00	0.41		19.15	19.15	57.	194.	0.00	0.25	
2059		50		19.30	19.30	6104.	76.	0.07	0.48		19.15	19.15	549.	-191.	0.03	0.04	
2060		50		19.30	19.30	3257.	201.	0.00	0.46		19.15	19.15	1411.	-66.	0.04	0.12	
2061		50		19.30	19.30	7067.	27.	0.14	0.48		19.15	19.15	1675.	-113.	0.05	0.09	
2062		50		19.30	19.30	2994.	131.	0.00	0.35		19.15	19.15	1970.	-86.	0.06	0.13	
2063		50		19.30	19.30	6588.	322.	0.04	0.82		19.15	19.15	2107.	-76.	0.06	0.13	
2064		50		19.30	19.30	1717.	286.	0.00	0.46		19.15	19.15	2222.	-98.	0.06	0.15	
2065		50		19.30	19.30	7193.	392.	0.00	0.95		19.15	19.15	2016.	21.	0.04	0.15	
2066		50		19.30	19.30	1205.	338.	0.00	0.49		19.15	19.15	1908.	238.	0.00	0.42	
2067		50		19.30	19.30	5920.	337.	0.00	0.79		19.15	19.15	1801.	202.	0.00	0.37	
2068		50		19.30	19.30	1239.	363.	0.00	0.53		19.15	19.15	2532.	122.	0.00	0.36	
2069		50		19.30	19.30	5074.	206.	0.00	0.58		19.15	19.15	1328.	114.	0.00	0.27	
2070		50		19.30	19.30	7956.	28.	0.16	0.54		19.15	19.15	688.	-181.	0.04	0.04	
2072		50		19.30	19.30	8042.	2.	0.19	0.52		19.15	19.15	2476.	-49.	0.06	0.15	
2073		50		19.30	19.30	3878.	181.	0.00	0.47		19.15	19.15	3361.	63.	0.07	0.29	
2074		50		19.30	19.30	6971.	229.	0.10	0.73		19.15	19.15	2154.	77.	0.05	0.23	
2075		50		19.30	19.30	3709.	110.	0.00	0.37		19.15	19.15	2396.	190.	0.00	0.39	
2076		50		19.30	19.30	7911.	352.	0.00	0.94		19.15	19.15	2136.	44.	0.05	0.19	
2077		50		19.30	19.30	3763.	209.	0.00	0.50		19.15	19.15	2861.	-51.	0.07	0.23	
2078		50		19.30	19.30	6808.	255.	0.02	0.75		19.15	19.15	1089.	131.	0.00	0.23	
2079		50		19.30	19.30	1727.	244.	0.00	0.41		19.15	19.15	970.	88.	0.01	0.17	
2080		50		19.30	19.30	5172.	138.	0.09	0.50		19.15	19.15	424.	47.	0.01	0.09	
2081		50		19.30	19.30	370.	210.	0.00	0.28		19.15	19.15	0.	90.	0.01	0.11	
2083		50		19.30	19.30	0.	196.	0.00	0.24		19.15	19.15	1219.	454.	0.00	0.64	
2084		50		19.30	19.30	1257.	131.	0.05	0.24		19.15	19.15	391.	449.	0.00	0.60	
2085		50		19.30	19.30	2681.	32.	0.03	0.21		19.15	19.15	1159.	315.	0.00	0.47	
2086		50		19.30	19.30	2846.	83.	0.01	0.28		19.15	19.15	518.	406.	0.00	0.54	
2087		50		19.30	19.30	4385.	128.	0.01	0.44		19.15	19.15	647.	377.	0.00	0.51	
2088		50		19.30	19.30	3005.	133.	0.00	0.36		19.15	19.15	1501.	441.	0.00	0.65	
2089		50		19.30	19.30	5193.	118.	0.00	0.48		19.15	19.15	1275.	443.	0.00	0.63	
2090		50		19.30	19.30	2791.	105.	0.04	0.31		19.15	19.15	1522.	539.	0.00	0.77	
2091		50		19.30	19.30	5006.	89.	0.06	0.43		19.15	19.15	1555.	536.	0.00	0.77	
2092		50		19.30	19.30	2234.	133.	0.00	0.31		19.15	19.15	2836.	668.	0.00	1.04	
2093		50		19.30	19.30	3878.	51.	0.10	0.31		19.15	19.15	2601.	627.	0.00	0.99	
2094		50		19.30	19.30	3873.	123.	0.00	0.40		19.15	19.15	1284.	502.	0.00	0.71	
2096		50		19.30	19.30	4895.	143.	0.00	0.49		19.15	19.15	1868.	396.	0.00	0.61	
2097		50		19.30	19.30	2893.	171.	0.00	0.42		19.15	19.15	2312.	424.	0.00	0.68	
2098		50		19.30	19.30	4866.	186.	0.00	0.55		19.15	19.15	1415.	390.	0.00	0.58	
2099		50		19.30	19.30	2868.	157.	0.00	0.38		19.15	19.15	1875.	421.	0.00	0.64	
2100		50		19.30	19.30	5523.	184.	0.00	0.58		19.15	19.15	1663.	366.	0.00	0.56	
2101		50		19.30	19.30	2998.	124.	0.00	0.34		19.15	19.15	2310.	380.	0.00	0.62	
2102		50		19.30	19.30	5562.	121.	0.11	0.50		19.15	19.15	1617.	482.	0.00	0.70	
2103		50		19.30	19.30	2745.	-28.	0.07	0.25		19.15	19.15	2566.	408.	0.00	0.69	
2104		50		19.30	19.30	5197.	-19.	0.12	0.34		19.15	19.15	3548.	614.	0.00	1.02	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2105		50		19.30	19.30	960.	310.	0.00	0.44		19.15	19.15	3345.	759.	0.00	1.17	
2107		50		19.30	19.30	1085.	117.	0.00	0.27		19.15	19.15	454.	69.	0.00	0.14	
2108		50		19.30	19.30	0.	167.	0.00	0.21		19.15	19.15	106.	151.	0.00	0.19	
2109		50		19.30	19.30	0.	171.	0.00	0.21		19.15	19.15	118.	205.	0.00	0.27	
2110		50		19.30	19.30	0.	168.	0.00	0.21		19.15	19.15	0.	121.	0.00	0.15	
2111		50		19.30	19.30	0.	74.	0.00	0.09		19.15	19.15	0.	167.	0.00	0.21	
2112		50		19.30	19.30	0.	115.	0.00	0.14		19.15	19.15	311.	-30.	0.01	0.07	
2113		50		19.30	19.30	672.	29.	0.00	0.08		19.15	19.15	0.	87.	0.00	0.11	
2114		50		19.30	19.30	0.	92.	0.00	0.11		19.15	19.15	355.	-71.	0.02	0.08	
2115		50		19.30	19.30	3638.	73.	0.01	0.32		19.15	19.15	791.	-1.	0.02	0.05	
2116		50		19.30	19.30	1401.	71.	0.00	0.18		19.15	19.15	482.	96.	0.00	0.15	
2117		50		19.30	19.30	4194.	83.	0.01	0.37		19.15	19.15	1267.	91.	0.00	0.19	
3632		50		19.30	19.30	2525.	445.	0.00	0.71		19.15	19.15	771.	102.	0.00	0.18	
3633		50		19.30	19.30	2112.	215.	0.00	0.40		19.15	19.15	214.	165.	0.00	0.22	
3634		50		19.30	19.30	2582.	634.	0.00	0.95		19.15	19.15	359.	77.	0.00	0.12	
3641		50		19.30	19.30	982.	617.	0.00	0.82		19.15	19.15	2569.	442.	0.00	0.72	
3643		50		19.30	19.30	3135.	1050.	0.00	1.51		19.15	19.15	2780.	592.	0.00	0.92	
3644		50		19.30	19.30	4328.	463.	0.00	0.85		19.15	19.15	2762.	608.	0.00	0.94	
3645		50		19.30	19.30	1481.	683.	0.00	0.94		19.15	19.15	2126.	317.	0.00	0.53	
3647		50		19.30	19.30	2422.	812.	0.00	1.17		19.15	19.15	1064.	453.	0.00	0.63	
3648		50		19.30	19.30	2655.	1100.	0.00	1.54		19.15	19.15	998.	339.	0.00	0.49	
3649		50		19.30	19.30	1972.	233.	0.00	0.41		19.15	19.15	1299.	332.	0.00	0.50	
3650		50		19.30	19.30	3306.	454.	0.00	0.77		19.15	19.15	1472.	259.	0.00	0.42	
3651		50		19.30	19.30	2697.	882.	0.00	1.27		19.15	19.15	1826.	335.	0.00	0.53	
3654		50		19.30	19.30	1305.	502.	0.00	0.70		19.15	19.15	2023.	557.	0.00	0.82	
3657		50		19.30	19.30	2120.	338.	0.00	0.55		19.15	19.15	1054.	453.	0.00	0.63	
3658		50		19.30	19.30	1897.	-215.	0.07	0.14		19.15	19.15	1367.	381.	0.00	0.56	
3659		50		19.30	19.30	1693.	366.	0.05	0.56		19.15	19.15	1777.	170.	0.00	0.33	
3663		50		19.30	19.30	0.	113.	0.00	0.14		19.15	19.15	1139.	-19.	0.03	0.08	
3664		50		19.30	19.30	0.	171.	0.00	0.21		19.15	19.15	789.	-7.	0.02	0.05	
3665		50		19.30	19.30	0.	141.	0.00	0.17		19.15	19.15	362.	17.	0.00	0.04	
3666		50		19.30	19.30	0.	175.	0.00	0.22		19.15	19.15	0.	17.	0.00	0.02	
3668		50		19.30	19.30	1963.	262.	0.00	0.45		19.15	19.15	763.	293.	0.00	0.41	
3670		50		19.30	19.30	2113.	239.	0.00	0.43		19.15	19.15	1772.	453.	0.00	0.68	
3671		50		19.30	19.30	2540.	204.	0.00	0.41		19.15	19.15	0.	270.	0.00	0.33	
3672		50		19.30	19.30	1377.	255.	0.00	0.40		19.15	19.15	679.	243.	0.00	0.35	
3674		50		19.30	19.30	2293.	195.	0.00	0.39		19.15	19.15	0.	232.	0.00	0.29	
3675		50		19.30	19.30	2132.	228.	0.00	0.42		19.15	19.15	60.	60.	0.00	0.08	
3676		50		19.30	19.30	886.	174.	0.00	0.27		19.15	19.15	1322.	423.	0.00	0.61	
3677		50		19.30	19.30	1131.	121.	0.00	0.22		19.15	19.15	789.	403.	0.00	0.55	
3678		50		19.30	19.30	1109.	145.	0.00	0.25		19.15	19.15	207.	585.	0.00	0.74	
3679		50		19.30	19.30	670.	161.	0.00	0.24		19.15	19.15	2087.	186.	0.00	0.36	
3681		50		19.30	19.30	1508.	248.	0.00	0.40		19.15	19.15	1028.	505.	0.00	0.70	
3682		50		19.30	19.30	762.	179.	0.00	0.27		19.15	19.15	1613.	154.	0.00	0.30	
3683		50		19.30	19.30	925.	316.	0.00	0.45		19.15	19.15	718.	207.	0.00	0.30	
3684		50		19.30	19.30	1626.	293.	0.00	0.47		19.15	19.15	621.	9.	0.00	0.05	
3685		50		19.30	19.30	1560.	273.	0.00	0.44		19.15	19.15	0.	222.	0.00	0.28	
3687		50		19.30	19.30	1077.	345.	0.00	0.49		19.15	19.15	562.	60.	0.00	0.11	
3689		50		19.30	19.30	905.	342.	0.00	0.48		19.15	19.15	1978.	425.	0.00	0.66	
3690		50		19.30	19.30	1910.	331.	0.00	0.53		19.15	19.15	78.	117.	0.00	0.15	
3691		50		19.30	19.30	1668.	186.	0.00	0.34		19.15	19.15	645.	29.	0.00	0.08	
3692		50		19.30	19.30	2540.	205.	0.00	0.41		19.15	19.15	1158.	14.	0.01	0.09	
3693		50		19.30	19.30	2107.	169.	0.00	0.34		19.15	19.15	1819.	180.	0.00	0.34	
4478		50		19.30	19.30	851.	1408.	0.00	1.79		28.79	28.79	0.	1138.	0.00	0.94	
4479		50		19.30	19.30	86.	1415.	0.00	1.76		28.79	28.79	0.	1076.	0.00	0.89	
4485		50		19.30	19.30	0.	1172.	0.00	1.45		28.79	28.79	0.	850.	0.00	0.70	
4486		50		19.30	19.30	357.	1367.	0.00	1.71		28.79	28.79	0.	1010.	0.00	0.84	
4500		50		19.30	19.30	769.	1121.	0.00	1.44		28.79	28.79	3732.	1180.	0.00	1.14	
4501		50		19.30	19.30	508.	1405.	0.00	1.77		28.79	28.79	6635.	1110.	0.00	1.22	
4507		50		19.30	19.30	0.	1156.	0.00	1.43		28.79	28.79	7164.	163.	0.04	0.45	
4519		50		19.30	19.30	1319.	447.	0.00	0.64		28.79	28.79	5539.	1487.	0.00	1.48	
4521		50		19.30	19.30	1648.	925.	0.00	1.25		28.79	28.79	104.	652.	0.00	0.54	
4522		50		19.30	19.30	1840.	604.	0.00	0.87		28.79	28.79	0.	970.	0.00	0.80	
4526		50		19.30	19.30	1341.	382.	0.00	0.56		28.79	28.79	109.	1040.	0.00	0.86	
4527		50		19.30	19.30	624.	403.	0.00	0.54		28.79	28.79	719.	1219.	0.00	1.04	
4529		50		19.30	19.30	1030.	705.	0.00	0.94		28.79	28.79	0.	1183.	0.00	0.98	
4531		50		19.30	19.30	0.	1399.	0.00	1.72		28.79	28.79	0.	973.	0.00	0.80	
4532		50		19.30	19.30	0.	1386.	0.00	1.71		28.79	28.79	0.	1015.	0.00	0.84	
4533		50		19.30	19.30	180.	1416.	0.00	1.76		28.79	28.79	0.	1030.	0.00	0.85	
4535		50		19.30	19.30	0.	1342.	0.00	1.65		28.79	28.79	0.	883.	0.00	0.73	
4536		50		19.30	19.30	0.	1343.	0.00	1.66		28.79	28.79	0.	915.	0.00	0.76	
4537		50		19.30	19.30	219.	1376.	0.00	1.71		28.79	28.79	0.	934.	0.00	0.77	
4539		50		19.30	19.30	0.	1280.	0.00	1.58		28.79	28.79	0.	811.	0.00	0.67	
4540		50		19.30	19.30	0.	1284.	0.00	1.58		28.79	28.79	0.	827.	0.00	0.68	
4541		50		19.30	19.30	653.	1304.	0.00	1.65		28.79	28.79	0.	858.	0.00	0.71	
4543		50		19.30	19.30	0.	1200.	0.00	1.48		28.79	28.79	0.	752.	0.00	0.62	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4544		50		19.30	19.30	0.	1210.	0.00	1.49		28.79	28.79	0.	768.	0.00	0.63	
4545		50		19.30	19.30	416.	1227.	0.00	1.54		28.79	28.79	0.	786.	0.00	0.65	
4547		50		19.30	19.30	0.	1126.	0.00	1.39		28.79	28.79	0.	754.	0.00	0.62	
4548		50		19.30	19.30	0.	1113.	0.00	1.37		28.79	28.79	0.	759.	0.00	0.63	
4549		50		19.30	19.30	0.	1162.	0.00	1.43		28.79	28.79	0.	748.	0.00	0.62	
4551		50		19.30	19.30	0.	1261.	0.00	1.56		28.79	28.79	0.	949.	0.00	0.78	
4552		50		19.30	19.30	0.	1262.	0.00	1.56		28.79	28.79	0.	994.	0.00	0.82	
4553		50		19.30	19.30	148.	1251.	0.00	1.55		28.79	28.79	0.	1057.	0.00	0.87	
4555		50		19.30	19.30	0.	1197.	0.00	1.48		28.79	28.79	0.	838.	0.00	0.69	
4556		50		19.30	19.30	0.	1206.	0.00	1.49		28.79	28.79	0.	861.	0.00	0.71	
4557		50		19.30	19.30	0.	1208.	0.00	1.49		28.79	28.79	0.	909.	0.00	0.75	
4559		50		19.30	19.30	0.	1140.	0.00	1.41		28.79	28.79	0.	640.	0.00	0.53	
4560		50		19.30	19.30	0.	1161.	0.00	1.43		28.79	28.79	0.	779.	0.00	0.64	
4561		50		19.30	19.30	0.	1150.	0.00	1.42		28.79	28.79	0.	814.	0.00	0.67	
4563		50		19.30	19.30	0.	1057.	0.00	1.30		28.79	28.79	0.	442.	0.00	0.37	
4564		50		19.30	19.30	0.	1112.	0.00	1.37		28.79	28.79	0.	611.	0.00	0.50	
4565		50		19.30	19.30	0.	1107.	0.00	1.37		28.79	28.79	0.	622.	0.00	0.51	
4566		50		19.30	19.30	1381.	1524.	0.00	1.91		28.79	28.79	0.	1167.	0.00	0.96	
4567		50		19.30	19.30	312.	1473.	0.00	1.84		28.79	28.79	0.	1266.	0.00	1.05	
4568		50		19.30	19.30	987.	1444.	0.00	1.85		28.79	28.79	0.	1272.	0.00	1.05	
4569		50		19.30	19.30	0.	1335.	0.00	1.65		28.79	28.79	0.	1190.	0.00	0.98	
4570		50		19.30	19.30	0.	1063.	0.00	1.31		28.79	28.79	0.	490.	0.01	0.41	
4571		50		19.30	19.30	0.	172.	0.00	0.21		28.79	28.79	0.	415.	0.00	0.34	
4572		50		19.30	19.30	507.	873.	0.00	1.11		28.79	28.79	305.	852.	0.00	0.72	
4573		50		19.30	19.30	2151.	460.	0.00	0.72		28.79	28.79	2823.	1194.	0.00	1.12	
4773		50		19.30	19.30	1091.	350.	0.00	0.50		28.79	28.79	0.	1833.	0.00	1.52	
4775		50		19.30	19.30	0.	284.	0.00	0.35		28.79	28.79	5982.	1700.	0.00	1.68	
4776		50		19.30	19.30	1386.	241.	0.00	0.39		28.79	28.79	0.	1515.	0.00	1.25	
8966		50		19.30	19.30	1263.	563.	0.00	0.78		19.15	19.15	1178.	808.	0.00	1.08	
8967		50		19.30	19.30	1279.	540.	0.00	0.75		19.15	19.15	2115.	517.	0.00	0.79	
8968		50		19.30	19.30	1685.	488.	0.00	0.71		19.15	19.15	2157.	460.	0.00	0.71	
8969		50		19.30	19.30	1718.	321.	0.00	0.51		19.15	19.15	2227.	335.	0.00	0.56	
8970		50		19.30	19.30	684.	310.	0.00	0.43		19.15	19.15	527.	206.	0.00	0.29	
8971		50		19.30	19.30	277.	295.	0.00	0.38		19.15	19.15	0.	224.	0.00	0.28	
8972		50		19.30	19.30	1422.	731.	0.00	1.00		19.15	19.15	1495.	1018.	0.00	1.37	
8973		50		19.30	19.30	1183.	628.	0.00	0.85		19.15	19.15	2276.	739.	0.00	1.07	
8974		50		19.30	19.30	735.	423.	0.00	0.57		19.15	19.15	2287.	534.	0.00	0.81	
8975		50		19.30	19.30	320.	91.	0.00	0.13		19.15	19.15	2182.	309.	0.00	0.52	
8976		50		19.30	19.30	14.	189.	0.00	0.23		19.15	19.15	0.	157.	0.00	0.20	
8977		50		19.30	19.30	36.	261.	0.00	0.32		19.15	19.15	0.	213.	0.00	0.27	
8978		50		19.30	19.30	1077.	662.	0.00	0.89		19.15	19.15	3016.	520.	0.00	0.84	
8981		50		19.30	19.30	1433.	763.	0.00	1.04		19.15	19.15	2588.	476.	0.00	0.76	
8982		50		19.30	19.30	2413.	507.	0.00	0.78		19.15	19.15	0.	400.	0.00	0.50	
8983		50		19.30	19.30	2114.	457.	0.00	0.70		19.15	19.15	2682.	139.	0.00	0.34	
8984		50		19.30	19.30	1518.	158.	0.00	0.29		19.15	19.15	2451.	100.	0.06	0.29	
8985		50		19.30	19.30	773.	87.	0.00	0.16		19.15	19.15	2962.	-26.	0.07	0.18	
8986		50		19.30	19.30	848.	292.	0.00	0.41		19.15	19.15	1782.	252.	0.00	0.43	
8987		50		19.30	19.30	1649.	416.	0.00	0.62		19.15	19.15	2290.	283.	0.00	0.50	
8988		50		19.30	19.30	0.	889.	0.00	1.10		19.15	19.15	355.	273.	0.00	0.36	
8989		50		19.30	19.30	2241.	558.	0.00	0.83		19.15	19.15	495.	131.	0.00	0.19	
8991		50		19.30	19.30	2001.	1112.	0.00	1.51		19.15	19.15	1067.	20.	0.00	0.09	
8992		50		19.30	19.30	263.	347.	0.00	0.44		19.15	19.15	0.	123.	0.00	0.15	
8993		50		19.30	19.30	729.	220.	0.00	0.32		19.15	19.15	638.	44.	0.01	0.10	
8994		50		19.30	19.30	610.	48.	0.00	0.10		19.15	19.15	3269.	-72.	0.09	0.26	
8995		50		19.30	19.30	807.	125.	0.00	0.21		19.15	19.15	1785.	458.	0.00	0.69	
8996		50		19.30	19.30	1465.	222.	0.00	0.37		19.15	19.15	1850.	422.	0.00	0.65	
8997		50		19.30	19.30	999.	222.	0.00	0.34		19.15	19.15	1703.	493.	0.00	0.73	
8998		50		19.30	19.30	603.	232.	0.00	0.33		19.15	19.15	2020.	715.	0.00	1.02	
8999		50		19.30	19.30	91.	212.	0.00	0.27		19.15	19.15	1081.	387.	0.00	0.55	
9000		50		19.30	19.30	147.	295.	0.00	0.37		19.15	19.15	1293.	609.	0.00	0.84	
9001		50		19.30	19.30	1715.	218.	0.00	0.38		19.15	19.15	2977.	248.	0.00	0.50	
9002		50		19.30	19.30	2203.	506.	0.00	0.77		19.15	19.15	3867.	199.	0.00	0.50	
9003		50		19.30	19.30	2347.	565.	0.00	0.85		19.15	19.15	0.	448.	0.00	0.56	
9005		50		19.30	19.30	1202.	493.	0.00	0.69		19.15	19.15	585.	623.	0.00	0.81	
9006		50		19.30	19.30	676.	298.	0.00	0.41		19.15	19.15	1047.	534.	0.00	0.73	
9008		50		19.30	19.30	1171.	414.	0.00	0.59		19.15	19.15	45.	550.	0.00	0.69	
9009		50		19.30	19.30	1341.	288.	0.00	0.44		19.15	19.15	655.	433.	0.00	0.58	
9010		50		19.30	19.30	1348.	593.	0.00	0.82		19.15	19.15	2592.	457.	0.00	0.74	
9011		50		19.30	19.30	1800.	676.	0.00	0.95		19.15	19.15	2306.	396.	0.00	0.64	
9013		50		19.30	19.30	2433.	1355.	0.00	1.84		19.15	19.15	2191.	327.	0.00	0.55	
9014		50		19.30	19.30	1202.	571.	0.00	0.78		19.15	19.15	2322.	565.	0.00	0.85	
9015		50		19.30	19.30	1455.	344.	0.00	0.52		19.15	19.15	2065.	524.	0.00	0.79	
9017		50		19.30	19.30	1513.	477.	0.00	0.69		19.15	19.15	2194.	450.	0.00	0.70	
9019		50		19.30	19.30	1182.	476.	0.00	0.66		19.15	19.15	579.	860.	0.00	1.11	
9020		50		19.30	19.30	1492.	406.	0.00	0.60		19.15	19.15	0.	891.	0.00	1.11	
9021		50		19.30	19.30	1417.	550.	0.00	0.77		19.15	19.15	383.	945.	0.00	1.20	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9023		50		19.30	19.30	1172.	401.	0.00	0.57		19.15	19.15	371.	772.	0.00	0.98	
9024		50		19.30	19.30	1115.	425.	0.00	0.60		19.15	19.15	0.	797.	0.00	0.99	
9026		50		19.30	19.30	1212.	371.	0.00	0.53		19.15	19.15	648.	832.	0.00	1.08	
9027		50		19.30	19.30	2475.	364.	0.00	0.61		19.15	19.15	2114.	554.	0.00	0.84	
9028		50		19.30	19.30	2119.	263.	0.00	0.46		19.15	19.15	2663.	481.	0.00	0.77	
9029		50		19.30	19.30	1409.	90.	0.00	0.20		19.15	19.15	2499.	444.	0.00	0.71	
9030		50		19.30	19.30	1341.	-25.	0.03	0.10		19.15	19.15	3130.	369.	0.00	0.66	
9031		50		19.30	19.30	1057.	197.	0.02	0.31		19.15	19.15	2846.	605.	0.00	0.94	
9032		50		19.30	19.30	264.	395.	0.00	0.50		19.15	19.15	3823.	781.	0.00	1.23	
9033		50		19.30	19.30	2955.	249.	0.00	0.50		19.15	19.15	765.	245.	0.00	0.35	
9034		50		19.30	19.30	3577.	1347.	0.00	2.99		19.15	19.15	605.	341.	0.00	0.46	
9036		50		19.30	19.30	2720.	402.	0.00	0.67		19.15	19.15	179.	316.	0.00	0.40	
9040		50		19.30	19.30	405.	125.	0.00	0.18		19.15	19.15	608.	33.	0.00	0.08	
9041		50		19.30	19.30	341.	-22.	0.01	0.03		19.15	19.15	294.	47.	0.01	0.08	
9042		50		19.30	19.30	0.	60.	0.00	0.07		19.15	19.15	0.	124.	0.00	0.15	
9043		50		19.30	19.30	307.	42.	0.00	0.07		19.15	19.15	981.	-29.	0.03	0.06	
9044		50		19.30	19.30	618.	12.	0.01	0.05		19.15	19.15	380.	-15.	0.01	0.03	
9045		50		19.30	19.30	0.	108.	0.00	0.13		19.15	19.15	0.	84.	0.00	0.10	
9046		50		19.30	19.30	42.	53.	0.00	0.07		19.15	19.15	1260.	-37.	0.03	0.08	
9047		50		19.30	19.30	288.	108.	0.00	0.15		19.15	19.15	995.	-81.	0.03	0.07	
9048		50		19.30	19.30	0.	107.	0.00	0.13		19.15	19.15	615.	-45.	0.02	0.06	
9049		50		19.30	19.30	0.	175.	0.00	0.22		19.15	19.15	0.	-25.	0.00	0.01	
9050		50		19.30	19.30	152.	118.	0.00	0.15		19.15	19.15	0.	43.	0.00	0.05	
9051		50		19.30	19.30	0.	106.	0.00	0.13		19.15	19.15	418.	-67.	0.02	0.06	
9052		50		19.30	19.30	0.	266.	0.00	0.33		19.15	19.15	0.	164.	0.00	0.20	
9053		50		19.30	19.30	0.	104.	0.00	0.13		19.15	19.15	0.	154.	0.00	0.19	
9054		50		19.30	19.30	0.	86.	0.00	0.11		19.15	19.15	0.	125.	0.00	0.16	
9056		50		19.30	19.30	170.	169.	0.00	0.22		19.15	19.15	985.	190.	0.00	0.30	
9057		50		19.30	19.30	483.	140.	0.00	0.20		19.15	19.15	1258.	148.	0.00	0.26	
9058		50		19.30	19.30	245.	255.	0.00	0.33		19.15	19.15	1250.	202.	0.00	0.33	
9060		50		19.30	19.30	0.	62.	0.00	0.08		19.15	19.15	644.	129.	0.00	0.20	
9061		50		19.30	19.30	0.	21.	0.00	0.03		19.15	19.15	886.	131.	0.00	0.22	
9062		50		19.30	19.30	0.	98.	0.00	0.12		19.15	19.15	935.	179.	0.00	0.28	
9064		50		19.30	19.30	0.	61.	0.00	0.08		19.15	19.15	20.	19.	0.00	0.02	
9065		50		19.30	19.30	0.	83.	0.00	0.10		19.15	19.15	277.	12.	0.00	0.03	
9066		50		19.30	19.30	0.	112.	0.00	0.14		19.15	19.15	461.	36.	0.00	0.07	
9076		50		19.30	19.30	1363.	192.	0.00	0.32		28.79	28.79	0.	-173.	0.02	-0.02	
9077		50		19.30	19.30	1011.	109.	0.00	0.20		28.79	28.79	431.	-53.	0.01	0.01	
9078		50		19.30	19.30	662.	40.	0.01	0.09		28.79	28.79	621.	32.	0.01	0.05	
9079		50		19.30	19.30	753.	-1.	0.02	0.05		28.79	19.15	0.	-9.	0.00	0.01	
9080		50		19.30	19.30	470.	-33.	0.01	0.03		19.15	19.15	0.	-47.	0.01	-0.01	
9081		50		19.30	19.30	1076.	-5.	0.03	0.07		19.15	19.15	356.	-16.	0.01	0.03	
9082		50		19.30	19.30	687.	48.	0.00	0.10		19.15	19.15	543.	-71.	0.02	0.03	
9083		50		19.30	19.30	171.	164.	0.00	0.21		19.15	19.15	319.	-91.	0.02	0.05	
9085		50		19.30	19.30	0.	121.	0.00	0.15		19.15	19.15	2738.	-68.	0.07	0.16	
9086		50		19.30	19.30	1179.	321.	0.00	0.47		19.15	19.15	2760.	-6.	0.07	0.18	
9088		50		19.30	19.30	1038.	142.	0.00	0.24		19.15	19.15	2765.	1.	0.06	0.18	
9089		50		19.30	19.30	1847.	54.	0.01	0.18		28.79	28.79	2863.	319.	0.00	0.39	
9090		50		19.30	19.30	1841.	20.	0.02	0.14		28.79	28.79	179.	281.	0.00	0.25	
9091		50		19.30	19.30	1869.	-8.	0.04	0.12		28.79	28.79	292.	257.	0.00	0.23	
9092		50		19.30	19.30	1802.	-5.	0.04	0.11		28.79	19.15	394.	214.	0.00	0.29	
9093		50		19.30	19.30	1435.	6.	0.03	0.11		19.15	19.15	589.	152.	0.00	0.23	
9096		50		19.30	19.30	1689.	146.	0.00	0.29		19.15	19.15	1506.	-77.	0.04	0.08	
9098		50		19.30	19.30	1251.	19.	0.01	0.10		19.15	19.15	522.	6.	0.00	0.04	
9100		50		19.30	19.30	1779.	45.	0.00	0.17		19.15	19.15	600.	27.	0.00	0.07	
9101		50		19.30	19.30	1423.	34.	0.00	0.13		19.15	19.15	997.	34.	0.00	0.11	
9102		50		19.30	19.30	2099.	59.	0.00	0.21		19.15	19.15	608.	-14.	0.02	0.04	
9104		50		19.30	19.30	1767.	92.	0.00	0.23		19.15	19.15	887.	-29.	0.02	0.05	
9105		50		19.30	19.30	2288.	67.	0.00	0.23		19.15	19.15	1827.	-53.	0.05	0.11	
9106		50		19.30	19.30	1909.	21.	0.02	0.15		19.15	19.15	303.	-128.	0.02	0.00	
9107		50		19.30	19.30	1498.	113.	0.00	0.24		19.15	19.15	1031.	-32.	0.03	0.06	
9109		50		19.30	19.30	1090.	201.	0.00	0.32		19.15	19.15	770.	-24.	0.02	0.05	
9110		50		19.30	19.30	1770.	93.	0.00	0.26		28.79	28.79	3968.	354.	0.00	0.46	
9111		50		19.30	19.30	685.	712.	0.00	0.92		28.79	28.79	6905.	467.	0.00	0.69	
9112		50		19.30	19.30	899.	40.	0.00	0.11		28.79	28.79	0.	307.	0.00	0.25	
9113		50		19.30	19.30	485.	374.	0.00	0.49		28.79	28.79	0.	327.	0.00	0.27	
9114		50		19.30	19.30	311.	-2.	0.01	0.02		28.79	28.79	270.	263.	0.00	0.23	
9115		50		19.30	19.30	488.	-2.	0.01	0.04		28.79	28.79	252.	288.	0.00	0.25	
9116		50		19.30	19.30	237.	20.	0.00	0.04		28.79	19.15	384.	220.	0.00	0.30	
9117		50		19.30	19.30	37.	62.	0.01	0.08		28.79	19.15	448.	261.	0.00	0.35	
9118		50		19.30	19.30	655.	27.	0.00	0.08		19.15	19.15	582.	157.	0.00	0.23	
9119		50		19.30	19.30	513.	6.	0.00	0.06		19.15	19.15	345.	200.	0.00	0.27	
9121		50		19.30	19.30	576.	12.	0.01	0.05		19.15	19.15	640.	137.	0.00	0.21	
9123		50		19.30	19.30	593.	19.	0.02	0.06		19.15	19.15	680.	58.	0.00	0.12	
9124		50		19.30	19.30	1461.	32.	0.00	0.13		19.15	19.15	872.	-68.	0.03	0.05	
9125		50		19.30	19.30	548.	31.	0.00	0.08		19.15	19.15	448.	-84.	0.02	0.02	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9126		50		19.30	19.30	506.	51.	0.00	0.10		19.15	19.15	166.	-187.	0.03	0.08	
9127		50		19.30	19.30	555.	102.	0.00	0.16		19.15	19.15	1175.	-37.	0.03	0.07	
9128		50		19.30	19.30	1552.	24.	0.01	0.13		19.15	19.15	523.	-1.	0.01	0.03	
9129		50		19.30	19.30	1256.	45.	0.00	0.14		19.15	19.15	1163.	-18.	0.03	0.07	
9130		50		19.30	19.30	1754.	50.	0.00	0.17		19.15	19.15	861.	-22.	0.02	0.05	
9132		50		19.30	19.30	1030.	18.	0.00	0.09		19.15	19.15	507.	27.	0.00	0.07	
9133		50		19.30	19.30	1053.	20.	0.00	0.09		19.15	19.15	880.	81.	0.00	0.16	
9134		50		19.30	19.30	1318.	17.	0.01	0.11		19.15	19.15	632.	44.	0.00	0.10	
9136		50		19.30	19.30	0.	1385.	0.00	1.71		28.79	28.79	6179.	1070.	0.00	1.16	
9137		50		19.30	19.30	0.	1399.	0.00	1.72		28.79	28.79	8951.	1050.	0.00	1.27	
9140		50		19.30	19.30	0.	1343.	0.00	1.66		28.79	28.79	6890.	1074.	0.00	1.20	
9141		50		19.30	19.30	0.	1342.	0.00	1.65		28.79	28.79	8099.	1052.	0.00	1.23	
9144		50		19.30	19.30	0.	1286.	0.00	1.59		28.79	28.79	6912.	1025.	0.00	1.16	
9145		50		19.30	19.30	0.	1280.	0.00	1.58		28.79	28.79	7444.	979.	0.00	1.14	
9148		50		19.30	19.30	194.	1212.	0.00	1.51		28.79	28.79	6786.	783.	0.00	0.94	
9149		50		19.30	19.30	0.	1200.	0.00	1.48		28.79	28.79	7353.	656.	0.00	0.86	
9152		50		19.30	19.30	0.	1128.	0.00	1.39		28.79	28.79	6876.	410.	0.00	0.64	
9153		50		19.30	19.30	0.	1129.	0.00	1.39		28.79	28.79	7378.	256.	0.00	0.53	
9156		50		19.30	19.30	0.	1332.	0.00	1.64		28.79	28.79	5840.	1225.	0.00	1.28	
9157		50		19.30	19.30	186.	1254.	0.00	1.56		28.79	28.79	6472.	1241.	0.00	1.32	
9159		50		19.30	19.30	0.	1314.	0.00	1.62		28.79	28.79	5659.	1251.	0.00	1.29	
9160		50		19.30	19.30	0.	1262.	0.00	1.56		28.79	28.79	6169.	1128.	0.00	1.21	
9161		50		19.30	19.30	0.	1254.	0.00	1.55		28.79	28.79	6090.	1063.	0.00	1.15	
9163		50		19.30	19.30	0.	1254.	0.00	1.55		28.79	28.79	6350.	1184.	0.00	1.27	
9164		50		19.30	19.30	0.	1206.	0.00	1.49		28.79	28.79	5653.	966.	0.00	1.05	
9165		50		19.30	19.30	0.	1193.	0.00	1.47		28.79	28.79	5457.	733.	0.00	0.84	
9167		50		19.30	19.30	0.	1208.	0.00	1.49		28.79	28.79	5918.	1001.	0.00	1.09	
9168		50		19.30	19.30	0.	1161.	0.00	1.43		28.79	28.79	5284.	499.	0.00	0.64	
9169		50		19.30	19.30	0.	1135.	0.00	1.40		28.79	28.79	5306.	258.	0.00	0.44	
9171		50		19.30	19.30	0.	1153.	0.00	1.42		28.79	28.79	5307.	577.	0.00	0.71	
9172		50		19.30	19.30	0.	1109.	0.00	1.37		28.79	28.79	5638.	46.	0.07	0.28	
9173		50		19.30	19.30	0.	1062.	0.00	1.31		28.79	28.79	5874.	12.	0.10	0.27	
9175		50		19.30	19.30	0.	1106.	0.00	1.36		28.79	28.79	5475.	117.	0.02	0.33	
9176		50		19.30	19.30	0.	935.	0.00	1.15		28.79	28.79	5212.	324.	0.00	0.49	
9177		50		19.30	19.30	0.	296.	0.00	0.36		28.79	28.79	5886.	595.	0.00	0.75	
9179		50		19.30	19.30	0.	1042.	0.00	1.28		28.79	28.79	5709.	201.	0.00	0.41	
9180		50		19.30	19.30	0.	125.	0.00	0.15		28.79	28.79	2743.	961.	0.00	0.92	
9181		50		19.30	19.30	0.	121.	0.00	0.15		28.79	28.79	3322.	1307.	0.00	1.23	
9183		50		19.30	19.30	0.	79.	0.00	0.10		28.79	28.79	4965.	799.	0.00	0.88	
9191		50		19.30	19.30	1029.	185.	0.00	0.29		28.79	28.79	1305.	364.	0.00	0.36	
9192		50		19.30	19.30	741.	151.	0.00	0.23		28.79	19.15	733.	194.	0.00	0.29	
9193		50		19.30	19.30	609.	45.	0.00	0.10		19.15	19.15	791.	-47.	0.02	0.04	
9194		50		19.30	19.30	598.	128.	0.00	0.20		19.15	19.15	521.	-86.	0.02	0.02	
9195		50		19.30	19.30	280.	281.	0.00	0.36		19.15	19.15	2160.	-181.	0.07	0.12	
9197		50		19.30	19.30	994.	56.	0.00	0.14		28.79	28.79	889.	382.	0.00	0.35	
9198		50		19.30	19.30	1531.	34.	0.02	0.14		28.79	19.15	407.	190.	0.00	0.26	
9199		50		19.30	19.30	2130.	36.	0.03	0.18		19.15	19.15	633.	59.	0.02	0.11	
9200		50		19.30	19.30	2682.	145.	0.00	0.35		19.15	19.15	516.	-78.	0.02	0.03	
9201		50		19.30	19.30	3860.	98.	0.00	0.37		19.15	19.15	2279.	-101.	0.06	0.13	
9203		50		19.30	19.30	941.	192.	0.00	0.30		28.79	28.79	1108.	362.	0.00	0.35	
9204		50		19.30	19.30	1562.	178.	0.00	0.32		28.79	19.15	363.	207.	0.00	0.26	
9205		50		19.30	19.30	2357.	82.	0.03	0.25		19.15	19.15	560.	81.	0.00	0.14	
9206		50		19.30	19.30	4275.	35.	0.06	0.31		19.15	19.15	581.	-60.	0.02	0.04	
9207		50		19.30	19.30	6284.	50.	0.10	0.46		19.15	19.15	2163.	-131.	0.06	0.11	
9209		50		19.30	19.30	1339.	152.	0.02	0.27		28.79	28.79	1581.	494.	0.00	0.48	
9210		50		19.30	19.30	656.	170.	0.00	0.25		28.79	19.15	841.	312.	0.00	0.44	
9211		50		19.30	19.30	934.	94.	0.00	0.17		19.15	19.15	651.	218.	0.00	0.31	
9212		50		19.30	19.30	841.	144.	0.00	0.23		19.15	19.15	872.	35.	0.00	0.10	
9213		50		19.30	19.30	732.	207.	0.00	0.30		19.15	19.15	1594.	-141.	0.05	0.08	
9215		50		19.30	19.30	1528.	289.	0.00	0.45		19.15	19.15	743.	403.	0.00	0.55	
9216		50		19.30	19.30	1370.	288.	0.00	0.44		19.15	19.15	693.	381.	0.00	0.52	
9217		50		19.30	19.30	1551.	125.	0.00	0.25		19.15	19.15	761.	284.	0.00	0.40	
9219		50		19.30	19.30	1928.	136.	0.00	0.29		28.79	28.79	0.	1225.	0.00	1.01	
9220		50		19.30	19.30	386.	82.	0.00	0.13		28.79	28.79	0.	1163.	0.00	1.45	
9221		50		19.30	19.30	0.	77.	0.00	0.10		19.15	19.15	0.	995.	0.00	1.24	
9222		50		19.30	19.30	1017.	106.	0.00	0.20		19.15	19.15	0.	830.	0.00	1.03	
9223		50		19.30	19.30	664.	148.	0.00	0.22		19.15	19.15	5050.	733.	0.00	1.25	
9225		50		19.30	19.30	115.	187.	0.00	0.24		28.79	28.79	0.	1226.	0.00	1.01	
9226		50		19.30	19.30	0.	187.	0.00	0.23		28.79	28.79	0.	1164.	0.00	1.45	
9227		50		19.30	19.30	0.	143.	0.00	0.18		19.15	19.15	0.	995.	0.00	1.24	
9228		50		19.30	19.30	703.	185.	0.00	0.27		19.15	19.15	0.	829.	0.00	1.03	
9229		50		19.30	19.30	0.	148.	0.00	0.18		19.15	19.15	4839.	732.	0.00	1.23	
9231		50		19.30	19.30	249.	391.	0.00	0.50		28.79	28.79	0.	1226.	0.00	1.01	
9232		50		19.30	19.30	0.	261.	0.00	0.32		28.79	28.79	0.	1162.	0.00	1.44	
9233		50		19.30	19.30	0.	141.	0.00	0.17		19.15	19.15	0.	993.	0.00	1.23	
9234		50		19.30	19.30	0.	302.	0.00	0.37		19.15	19.15	0.	833.	0.00	1.04	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9235		50		19.30	19.30	0.	319.	0.00	0.39		19.15	19.15	4709.	700.	0.00	1.18	
9236		50		19.30	19.30	0.	266.	0.00	0.33		28.79	28.79	0.	155.	0.00	0.13	
9237		50		19.30	19.30	0.	210.	0.00	0.26		28.79	28.79	0.	54.	0.00	0.04	
9238		50		19.30	19.30	6.	143.	0.00	0.18		28.79	19.15	0.	-136.	0.02	0.03	
9239		50		19.30	19.30	20.	89.	0.00	0.11		19.15	19.15	0.	143.	0.00	0.18	
9240		50		19.30	19.30	629.	99.	0.00	0.16		19.15	19.15	0.	257.	0.00	0.32	
9241		50		19.30	19.30	751.	242.	0.00	0.35		19.15	19.15	0.	271.	0.00	0.34	
9242		50		19.30	19.30	239.	340.	0.00	0.43		19.15	19.15	1805.	87.	0.00	0.22	
9243		50		19.30	19.30	502.	204.	0.00	0.28		19.15	19.15	1794.	67.	0.00	0.20	
9245		50		19.30	19.30	1598.	639.	0.00	0.89		19.15	19.15	1831.	98.	0.00	0.24	
9246		50		19.30	19.30	0.	165.	0.00	0.20		19.15	19.15	1695.	142.	0.00	0.29	
9247		50		19.30	19.30	0.	88.	0.00	0.11		19.15	19.15	1684.	52.	0.00	0.17	
9249		50		19.30	19.30	389.	222.	0.00	0.30		19.15	19.15	1651.	62.	0.00	0.18	
9250		50		19.30	19.30	0.	115.	0.00	0.14		19.15	19.15	1518.	78.	0.00	0.19	
9251		50		19.30	19.30	0.	102.	0.00	0.13		19.15	19.15	1169.	28.	0.00	0.11	
9253		50		19.30	19.30	0.	48.	0.00	0.06		19.15	19.15	1523.	99.	0.00	0.22	
9254		50		19.30	19.30	767.	90.	0.00	0.16		28.79	28.79	13.	-602.	0.06	-0.06	
9255		50		19.30	19.30	1174.	198.	0.00	0.32		28.79	28.79	2523.	-199.	0.07	0.12	
9256		50		19.30	19.30	2969.	177.	0.00	0.41		28.79	28.79	4051.	133.	0.08	0.29	
9257		50		19.30	19.30	510.	65.	0.00	0.11		28.79	28.79	0.	-187.	0.02	-0.02	
9258		50		19.30	19.30	794.	166.	0.00	0.27		28.79	28.79	1002.	26.	0.02	0.07	
9259		50		19.30	19.30	2743.	123.	0.00	0.33		28.79	28.79	1643.	139.	0.00	0.19	
9260		50		19.30	19.30	0.	14.	0.00	0.02		28.79	28.79	0.	-259.	0.03	-0.03	
9261		50		19.30	19.30	124.	139.	0.00	0.18		28.79	28.79	0.	-100.	0.01	0.02	
9262		50		19.30	19.30	2098.	54.	0.00	0.20		28.79	28.79	877.	130.	0.00	0.15	
9263		50		19.30	19.30	0.	16.	0.00	0.02		19.15	19.15	0.	-170.	0.02	-0.02	
9264		50		19.30	19.30	0.	135.	0.00	0.17		19.15	19.15	0.	-78.	0.01	-0.01	
9265		50		19.30	19.30	552.	15.	0.00	0.05		19.15	19.15	0.	40.	0.00	0.05	
9266		50		19.30	19.30	0.	55.	0.00	0.07		19.15	19.15	0.	-39.	0.00	0.00	
9267		50		19.30	19.30	0.	163.	0.00	0.20		19.15	19.15	0.	-56.	0.01	-0.01	
9268		50		19.30	19.30	0.	37.	0.00	0.05		19.15	19.15	0.	-54.	0.01	-0.01	
9269		50		19.30	19.30	0.	148.	0.00	0.18		19.15	19.15	0.	-38.	0.00	0.02	
9270		50		19.30	19.30	0.	169.	0.00	0.21		19.15	19.15	0.	-87.	0.01	-0.01	
9271		50		19.30	19.30	0.	81.	0.00	0.10		19.15	19.15	0.	-79.	0.01	-0.01	
9275		50		19.30	19.30	0.	110.	0.00	0.14		19.15	19.15	15.	38.	0.00	0.05	
9276		50		19.30	19.30	0.	155.	0.00	0.19		19.15	19.15	0.	64.	0.00	0.08	
9278		50		19.30	19.30	0.	206.	0.00	0.25		19.15	19.15	0.	166.	0.00	0.21	
9279		50		19.30	19.30	0.	134.	0.00	0.17		19.15	19.15	7.	-71.	0.01	-0.01	
9280		50		19.30	19.30	1205.	107.	0.00	0.21		19.15	19.15	25.	12.	0.00	0.02	
9282		50		19.30	19.30	0.	133.	0.00	0.16		19.15	19.15	0.	-29.	0.00	0.00	
9283		50		19.30	19.30	0.	116.	0.00	0.14		19.15	19.15	8.	-24.	0.00	0.00	
9286		50		19.30	19.30	0.	128.	0.00	0.16		19.15	19.15	0.	57.	0.00	0.07	
9362		50		19.30	19.30	1076.	947.	0.00	1.24		28.79	28.79	5527.	155.	0.00	0.37	
9363		50		19.30	19.30	667.	796.	0.00	1.03		28.79	28.79	5594.	203.	0.00	0.41	
9365		50		19.30	19.30	0.	953.	0.00	1.18		28.79	28.79	6202.	142.	0.02	0.39	
9366		50		19.30	19.30	1294.	1106.	0.00	1.45		28.79	28.79	4938.	374.	0.00	0.52	
9367		50		19.30	19.30	333.	962.	0.00	1.21		28.79	28.79	4964.	534.	0.00	0.66	
9369		50		19.30	19.30	201.	1003.	0.00	1.25		28.79	28.79	5415.	272.	0.00	0.46	
9370		50		19.30	19.30	134.	1051.	0.00	1.30		28.79	28.79	4793.	831.	0.00	0.90	
9371		50		19.30	19.30	222.	961.	0.00	1.20		28.79	28.79	4866.	947.	0.00	1.00	
9373		50		19.30	19.30	209.	898.	0.00	1.12		28.79	28.79	4753.	678.	0.00	0.77	
9374		50		19.30	19.30	1213.	1032.	0.00	1.36		28.79	28.79	4936.	1189.	0.00	1.21	
9375		50		19.30	19.30	387.	865.	0.00	1.09		28.79	28.79	5047.	1252.	0.00	1.27	
9377		50		19.30	19.30	554.	885.	0.00	1.13		28.79	28.79	4891.	1094.	0.00	1.12	
9379		50		19.30	19.30	764.	527.	0.00	0.70		28.79	28.79	574.	393.	0.00	0.35	
9380		50		19.30	19.30	1492.	405.	0.00	0.60		28.79	28.79	3506.	390.	0.00	0.47	
9381		50		19.30	19.30	553.	634.	0.00	0.82		28.79	28.79	0.	450.	0.00	0.37	
9383		50		19.30	19.30	463.	624.	0.00	0.80		28.79	28.79	1154.	502.	0.00	0.46	
9384		50		19.30	19.30	950.	406.	0.00	0.56		28.79	28.79	4143.	429.	0.00	0.53	
9385		50		19.30	19.30	464.	627.	0.00	0.80		28.79	28.79	398.	362.	0.00	0.32	
9387		50		19.30	19.30	411.	697.	0.00	0.89		28.79	28.79	990.	492.	0.00	0.45	
9388		50		19.30	19.30	497.	469.	0.00	0.61		28.79	28.79	4374.	456.	0.00	0.57	
9389		50		19.30	19.30	452.	522.	0.00	0.67		28.79	28.79	1153.	502.	0.00	0.46	
9391		50		19.30	19.30	345.	571.	0.00	0.73		28.79	28.79	792.	681.	0.00	0.60	
9392		50		19.30	19.30	1683.	408.	0.00	0.61		28.79	28.79	4974.	493.	0.00	0.62	
9393		50		19.30	19.30	717.	560.	0.00	0.74		28.79	28.79	1229.	547.	0.00	0.51	

MACROGUSCIO P10

VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
13	Rara 1 (RARA)
14	Rara 2 (RARA)
15	Frequente 1 (FREQUENTE)

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2080		19.30	19.30		0.	-15	0.27	-4.		0.	-9	0.000		0.	-39	0.70	0.000	
2081		19.30	19.30		173	-29	0.88	-4.		98	-24	0.000		52	-23	0.52	0.000	
2083		19.30	19.30		2875	-11	10.31	360.		3048	48	0.047		3173	86	9.67	0.061	
2084		19.30	19.30		1367	-75	4.76	32.		1284	-24	0.009		1202	28	3.79	0.022	
2085		19.30	19.30		2832	-18	10.21	337.		2874	-18	0.027		2876	28	9.85	0.039	
2086		19.30	19.30		1349	-45	4.85	77.		1311	-14	0.011		1273	17	4.28	0.019	
2087		19.30	19.30		2276	-25	8.26	245.		2174	-55	0.013		2041	-21	7.40	0.017	
2088		19.30	19.30		1030	-3	3.69	130.		968	20	0.017		929	43	2.19	0.024	
2089		19.30	19.30		2144	-81	7.65	104.		1863	-70	0.007		1573	-32	5.73	0.011	
2090		19.30	19.30		972	76	0.00	338.		805	94	0.042		620	111	0.00	0.047	
2091		19.30	19.30		2376	-21	8.60	267.		1996	7	0.023		1582	35	5.03	0.028	
2092		19.30	19.30		640	131	0.00	432.		526	145	0.059		422	159	0.00	0.063	
2093		19.30	19.30		2197	44	7.09	412.		1834	65	0.041		1477	87	2.55	0.045	
2094		19.30	19.30		3428	95	10.38	715.		3223	126	0.076		3112	150	7.08	0.084	
2096		19.30	19.30		2263	52	7.15	442.		2361	75	0.049		2364	96	6.17	0.057	
2097		19.30	19.30		767	24	2.26	166.		817	63	0.031		801	72	0.00	0.034	
2098		19.30	19.30		1371	-10	4.95	160.		1593	14	0.021		1605	20	5.41	0.023	
2099		19.30	19.30		885	-20	3.22	70.		991	8	0.013		999	15	3.33	0.015	
2100		19.30	19.30		594	-106	3.10	-15.		947	-89	0.000		975	-82	3.53	0.000	
2101		19.30	19.30		545	-4	1.97	63.		662	-28	0.002		664	-30	2.34	0.002	
2102		19.30	19.30		107	-34	0.82	-7.		466	-48	0.000		589	-55	2.19	0.000	
2103		19.30	19.30		13	80	0.00	210.		148	56	0.022		185	45	0.00	0.018	
2104		19.30	19.30		0.	28	0.00	73.		301	13	0.007		512	-1	1.82	0.005	
2105		19.30	19.30		0.	158	0.00	410.		0.	131	0.051		86	110	0.00	0.043	
2107		19.30	19.30		656	73	0.00	283.		600	15	0.011		562	-20	2.01	0.002	
2108		19.30	19.30		2019	101	4.44	543.		1843	6	0.021		1661	-43	6.03	0.009	
2109		19.30	19.30		1667	82	3.71	446.		1551	5	0.018		1440	-50	5.16	0.006	
2110		19.30	19.30		1983	98	4.44	530.		1761	-21	0.014		1530	-62	5.43	0.005	
2111		19.30	19.30		2812	52	9.16	517.		2510	-37	0.019		2204	-90	7.82	0.007	
2112		19.30	19.30		1905	94	4.26	509.		1625	-10	0.015		1337	-11	4.83	0.012	
2113		19.30	19.30		3301	57	10.85	594.		2776	-34	0.023		2238	-33	8.15	0.017	
2114		19.30	19.30		1428	102	1.05	469.		1202	-16	0.010		971	17	3.18	0.016	
2115		19.30	19.30		2815	75	8.62	578.		2209	-6	0.022		1590	10	5.53	0.020	
2116		19.30	19.30		1043	106	0.00	424.		881	-2	0.009		718	47	0.88	0.024	
2117		19.30	19.30		2299	82	6.41	528.		1687	2	0.018		1064	54	2.29	0.030	
3632		19.30	19.30		535	-212	4.90	-45.		240	-187	0.000		122	-99	2.01	0.000	
3633		19.30	19.30		0.	-162	2.90	-43.		0.	-199	0.000		0.	-198	3.55	0.000	
3634		19.30	19.30		118	-111	2.23	-27.		283	-245	0.000		284	-245	4.97	0.000	
3641		19.30	19.30		0.	-37	0.67	-10.		0.	54	0.021		0.	54	0.00	0.021	
3643		19.30	19.30		0.	-231	4.14	-62.		0.	-10	0.000		0.	-10	0.18	0.000	
3644		19.30	19.30		233	-300	5.85	-75.		270	-109	0.000		270	-109	2.51	0.000	
3645		19.30	19.30		595	-257	5.82	-56.		740	-171	0.000		739	-171	4.57	0.000	
3647		19.30	19.30		98	-119	2.33	-30.		106	-79	0.000		154	-38	1.00	0.000	
3648		19.30	19.30		21	-385	6.94	-103.		213	-234	0.000		251	-154	3.28	0.000	
3649		19.30	19.30		0.	-348	6.23	-93.		0.	-202	0.000		0.	-203	3.63	0.000	
3650		19.30	19.30		0.	-376	6.74	-101.		0.	-180	0.000		0.	-180	3.23	0.000	
3651		19.30	19.30		0.	-331	5.93	-89.		0.	-117	0.000		0.	-117	2.09	0.000	
3654		19.30	19.30		127	-100	2.06	-24.		0.	-36	0.000		0.	-3	0.05	0.000	
3657		19.30	19.30		0.	-123	2.20	-33.		0.	-61	0.000		0.	-63	1.12	0.000	
3658		19.30	19.30		0.	-451	8.09	-121.		0.	-333	0.000		0.	-212	3.81	0.000	
3659		19.30	19.30		203	-516	9.66	-134.		32	-306	0.000		31	-307	5.56	0.000	
3663		19.30	19.30		1920	-33	6.99	177.		1789	-32	0.013		1740	-3	6.21	0.018	
3664		19.30	19.30		1896	-18	6.87	211.		1738	-9	0.016		1576	3	5.57	0.017	
3665		19.30	19.30		1843	55	5.48	394.		1679	-2	0.017		1516	-16	5.50	0.013	
3666		19.30	19.30		1958	66	5.56	441.		1793	3	0.020		1623	-2	5.78	0.017	
3668		19.30	19.30		556	28	1.19	151.		453	90	0.037		430	104	0.00	0.043	
3670		19.30	19.30		541	23	1.36	135.		581	77	0.034		573	88	0.00	0.038	
3671		19.30	19.30		941	48	2.01	257.		938	86	0.040		881	93	0.00	0.042	
3672		19.30	19.30		260	-58	1.58	-10.		195	-33	0.000		132	-1	0.48	0.001	
3674		19.30	19.30		201	-67	1.60	-14.		141	-36	0.000		77	-3	0.27	0.000	
3675		19.30	19.30		146	-52	1.23	-11.		107	-25	0.000		70	-44	0.93	0.000	
3676		19.30	19.30		296	-37	1.27	-4.		198	1	0.002		161	45	0.00	0.018	
3677		19.30	19.30		759	-57	2.68	5.		629	-9	0.005		485	34	0.37	0.017	
3678		19.30	19.30		768	-60	2.73	4.		686	-11	0.005		527	42	0.00	0.020	
3679		19.30	19.30		416	-3	1.50	48.		318	-65	0.000		259	-32	1.10	0.000	
3681		19.30	19.30		355	-3	1.28	40.		224	-46	0.000		149	-3	0.54	0.001	
3682		19.30	19.30		362	-3	1.30	42.		289	-53	0.000		243	-13	0.85	0.000	
3683		19.30	19.30		351	-48	1.58	-5.		311	-21	0.000		279	-30	1.11	0.000	
3684		19.30	19.30		524	-34	1.82	7.		495	-15	0.002		470	0.	1.68	0.005	
3685		19.30	19.30		443	-45	1.71	-2.		436	-19	0.001		431	-28	1.50	0.000	
3687		19.30	19.30		573	-25	2.02	22.		378	-25	0.000		289	-1	1.04	0.003	
3689		19.30	19.30		320	-47	1.49	-6.		225	-4	0.002		187	-11	0.65	0.000	
3690		19.30	19.30		440	-71	2.17	-9.		282	-8	0.001		238	-1	0.85	0.002	
3691		19.30	19.30		0.	-58	1.04	-16.		50	-89	0.000		37	-87	1.64	0.000	
3692		19.30	19.30		0.	0.	0.00	0.		133	-59	0.000		123	-73	1.56	0.000	
3693		19.30	19.30		63	-25	0.58	-5.		64	-73	0.000		66	-75	1.47	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4478		19.30	19.30		0.	-504	9.04	-136.		0.	-163	0.000		0.	272	0.00	0.105	
4479		19.30	19.30		0.	-554	9.93	-149.		284	-5	0.002		517	395	0.00	0.155	
4485		19.30	19.30		663	-1035	19.91	-264.		622	-456	0.000		585	81	0.00	0.035	
4486		19.30	19.30		0.	-952	17.06	-256.		0.	-394	0.000		0.	132	0.00	0.051	
4500		19.30	19.30		0.	-440	7.89	-118.		0.	-128	0.000		0.	141	0.00	0.055	
4501		19.30	19.30		0.	-537	9.62	-144.		281	-25	0.000		490	393	0.00	0.154	
4507		19.30	19.30		218	-1044	19.16	-276.		256	-463	0.000		296	74	0.00	0.030	
4519		19.30	19.30		0.	-674	12.08	-181.		0.	-287	0.000		0.	199	0.00	0.077	
4521		19.30	19.30		1418	-651	14.55	-144.		0.	-20	0.000		0.	79	0.00	0.030	
4522		19.30	19.30		465	-614	11.95	-155.		0.	-139	0.000		0.	70	0.00	0.027	
4526		19.30	19.30		746	-604	12.35	-146.		0.	-190	0.000		0.	33	0.00	0.013	
4527		19.30	19.30		1567	-557	13.16	-115.		567	-177	0.000		0.	16	0.00	0.006	
4529		19.30	19.30		959	-704	14.57	-168.		0.	-139	0.000		0.	48	0.00	0.019	
4531		19.30	19.30		432	-752	14.35	-193.		502	-195	0.000		578	366	0.00	0.144	
4532		19.30	19.30		398	-736	14.01	-189.		489	-189	0.000		586	361	0.00	0.142	
4533		19.30	19.30		0.	-741	13.28	-199.		0.	-191	0.000		95	363	0.00	0.141	
4535		19.30	19.30		645	-825	16.10	-208.		671	-259	0.000		704	310	0.00	0.123	
4536		19.30	19.30		511	-815	15.64	-208.		593	-253	0.000		682	311	0.00	0.124	
4537		19.30	19.30		0.	-789	14.15	-212.		0.	-226	0.000		0.	341	0.00	0.132	
4539		19.30	19.30		715	-886	17.33	-222.		720	-315	0.000		731	259	0.00	0.104	
4540		19.30	19.30		826	-879	17.44	-218.		836	-309	0.000		855	263	0.00	0.106	
4541		19.30	19.30		0.	-866	15.51	-233.		0.	-295	0.000		0.	279	0.00	0.108	
4543		19.30	19.30		780	-966	18.91	-243.		771	-387	0.000		769	178	0.00	0.073	
4544		19.30	19.30		837	-952	18.76	-238.		810	-373	0.000		791	201	0.00	0.082	
4545		19.30	19.30		0.	-939	16.83	-252.		0.	-363	0.000		0.	213	0.00	0.082	
4547		19.30	19.30		959	-1013	20.10	-251.		968	-426	0.000		985	129	0.00	0.056	
4548		19.30	19.30		847	-1010	19.82	-253.		784	-424	0.000		727	135	0.00	0.056	
4549		19.30	19.30		394	-991	18.56	-258.		382	-410	0.000		375	147	0.00	0.059	
4551		19.30	19.30		740	-1270	24.27	-325.		703	-524	0.000		672	225	0.00	0.090	
4552		19.30	19.30		1717	-1265	26.17	-302.		1595	-521	0.000		1485	227	0.00	0.097	
4553		19.30	19.30		22	-1265	22.73	-340.		169	-520	0.000		319	229	0.00	0.090	
4555		19.30	19.30		968	-1339	25.97	-339.		931	-588	0.000		902	130	0.00	0.056	
4556		19.30	19.30		1634	-1322	27.02	-320.		1563	-574	0.000		1504	151	0.00	0.069	
4557		19.30	19.30		832	-1326	25.45	-338.		829	-576	0.000		833	156	0.00	0.065	
4559		19.30	19.30		937	-1409	27.15	-358.		925	-655	0.000		920	46	2.03	0.025	
4560		19.30	19.30		1627	-1382	28.08	-336.		1586	-631	0.000		1557	68	3.87	0.039	
4561		19.30	19.30		1025	-1395	27.09	-353.		995	-642	0.000		972	59	1.52	0.031	
4563		19.30	19.30		452	-1500	27.80	-393.		504	-741	0.000		560	-13	2.04	0.003	
4564		19.30	19.30		1719	-1426	29.06	-346.		1706	-678	0.000		1705	30	5.58	0.028	
4565		19.30	19.30		709	-1444	27.32	-373.		705	-689	0.000		706	16	2.22	0.013	
4566		19.30	19.30		568	-905	17.38	-231.		175	-323	0.000		0.	261	0.00	0.101	
4567		19.30	19.30		568	-1273	23.97	-330.		253	-553	0.000		0.	168	0.00	0.065	
4568		19.30	19.30		0.	-1227	22.00	-330.		0.	-487	0.000		0.	256	0.00	0.099	
4569		19.30	19.30		324	-1213	22.41	-319.		455	-284	0.000		512	275	0.00	0.109	
4570		19.30	19.30		561	-1265	23.82	-328.		646	-683	0.000		751	24	2.20	0.016	
4571		19.30	19.30		201	-1254	22.88	-333.		353	-554	0.000		512	104	0.00	0.043	
4572		19.30	19.30		0.	-873	15.64	-235.		0.	-394	0.000		0.	245	0.00	0.095	
4573		19.30	19.30		76	-758	13.73	-202.		0.	-42	0.000		0.	270	0.00	0.104	
4773		19.30	19.30		1064	-764	15.85	-182.		198	-183	0.000		0.	220	0.00	0.085	
4775		19.30	19.30		2364	-625	16.00	-116.		1385	-230	0.000		411	161	0.00	0.064	
4776		19.30	19.30		192	-672	12.44	-176.		0.	-117	0.000		0.	228	0.00	0.088	
8966		19.30	19.30		0.	-21	0.38	-6.		0.	71	0.028		0.	71	0.00	0.027	
8967		19.30	19.30		0.	-13	0.23	-3.		0.	76	0.029		0.	78	0.00	0.030	
8968		19.30	19.30		67	29	0.00	84.		34	89	0.035		36	117	0.00	0.045	
8969		19.30	19.30		62	10	0.00	34.		70	41	0.016		86	99	0.00	0.039	
8970		19.30	19.30		228	-4	0.83	20.		126	23	0.010		53	66	0.00	0.026	
8971		19.30	19.30		374	-8	1.36	32.		283	21	0.010		240	52	0.00	0.022	
8972		19.30	19.30		0.	-14	0.25	-4.		0.	57	0.022		0.	57	0.00	0.022	
8973		19.30	19.30		0.	-1	0.03	0.		0.	55	0.021		0.	55	0.00	0.021	
8974		19.30	19.30		42	10	0.00	33.		56	54	0.021		68	60	0.00	0.024	
8975		19.30	19.30		55	2	0.14	14.		103	5	0.003		143	12	0.00	0.006	
8976		19.30	19.30		258	-12	0.91	10.		168	-9	0.000		114	-2	0.41	0.001	
8977		19.30	19.30		438	-10	1.59	35.		344	-8	0.002		305	-3	1.10	0.003	
8978		19.30	19.30		0.	-72	1.30	-19.		0.	19	0.008		0.	19	0.00	0.007	
8979		19.30	19.30		0.	-149	2.67	-40.		0.	126	0.049		0.	126	0.00	0.049	
8981		19.30	19.30		0.	-19	0.35	-5.		0.	70	0.027		0.	70	0.00	0.027	
8982		19.30	19.30		486	-60	2.06	-5.		447	-52	0.000		418	-42	1.61	0.000	
8983		19.30	19.30		455	-44	1.71	-2.		432	-41	0.000		416	-35	1.51	0.000	
8984		19.30	19.30		372	1	1.31	53.		394	-1	0.004		421	-3	1.52	0.004	
8985		19.30	19.30		166	0.	0.59	22.		183	0.	0.002		203	1	0.71	0.002	
8986		19.30	19.30		228	-10	0.80	8.		224	-13	0.000		225	0.	0.80	0.002	
8987		19.30	19.30		376	-18	1.32	12.		365	-21	0.001		363	-25	1.27	0.000	
8988		19.30	19.30		621	-280	6.29	-62.		683	-154	0.000		721	-27	2.57	0.003	
8989		19.30	19.30		552	-62	2.24	-5.		506	-59	0.000		469	-54	1.92	0.000	
8991		19.30	19.30		879	-269	6.61	-53.		1096	-222	0.000		1110	-174	5.38	0.000	
8992		19.30	19.30		155	-16	0.60	-1.		100	-13	0.000		82	-17	0.47	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8993		19.30	19.30		33	-17	0.37	-4.1		65	-14	0.000		95	-16	0.48	0.000	
8994		19.30	19.30		51	-2	0.18	3.1		73	-1	0.001		99	0.	0.35	0.001	
8995		19.30	19.30		241	42	0.00	143.1		291	43	0.019		316	42	0.00	0.018	
8996		19.30	19.30		517	55	0.00	216.1		535	63	0.028		558	73	0.00	0.032	
8997		19.30	19.30		375	87	0.00	279.1		295	93	0.037		208	102	0.00	0.040	
8998		19.30	19.30		272	108	0.00	319.1		223	113	0.045		189	120	0.00	0.047	
8999		19.30	19.30		175	21	0.00	80.1		86	43	0.017		74	61	0.00	0.024	
9000		19.30	19.30		263	19	0.17	87.1		166	34	0.014		151	41	0.00	0.017	
9001		19.30	19.30		57	-1	0.21	6.1		56	0.	0.001		59	0.	0.21	0.001	
9002		19.30	19.30		70	-64	1.29	-16.1		13	-41	0.000		19	-18	0.36	0.000	
9003		19.30	19.30		85	-86	1.71	-21.1		64	-56	0.000		95	-25	0.64	0.000	
9005		19.30	19.30		0.	-53	0.95	-14.1		0.	3	0.001		0.	10	0.00	0.004	
9006		19.30	19.30		282	14	0.65	74.1		284	20	0.010		289	27	0.00	0.012	
9008		19.30	19.30		380	-59	1.83	-7.1		247	-12	0.001		172	11	0.21	0.006	
9009		19.30	19.30		665	3	2.33	96.1		647	19	0.013		631	35	1.20	0.019	
9010		19.30	19.30		0.	-245	4.39	-66.1		0.	-67	0.000		0.	-67	1.20	0.000	
9011		19.30	19.30		0.	-121	2.16	-32.1		0.	-10	0.000		0.	5	0.00	0.002	
9013		19.30	19.30		0.	-281	5.04	-76.1		0.	-37	0.000		0.	-37	0.66	0.000	
9014		19.30	19.30		0.	-122	2.19	-33.1		0.	-25	0.000		0.	-16	0.29	0.000	
9015		19.30	19.30		50	-121	2.27	-31.1		0.	-28	0.000		0.	0.	0.00	0.000	
9017		19.30	19.30		0.	-100	1.78	-27.1		0.	-12	0.000		0.	0.	0.00	0.000	
9019		19.30	19.30		0.	-86	1.54	-23.1		0.	-13	0.000		0.	-6	0.10	0.000	
9020		19.30	19.30		0.	-74	1.33	-20.1		0.	-3	0.000		0.	6	0.00	0.002	
9021		19.30	19.30		0.	-113	2.02	-30.1		0.	-16	0.000		0.	-3	0.05	0.000	
9023		19.30	19.30		353	-83	2.20	-14.1		175	-25	0.000		103	0.	0.37	0.001	
9024		19.30	19.30		215	-90	2.04	-19.1		20	-19	0.000		0.	6	0.00	0.002	
9026		19.30	19.30		32	-107	1.98	-28.1		0.	-31	0.000		0.	-4	0.07	0.000	
9027		19.30	19.30		0.	-25	0.44	-7.1		0.	12	0.005		0.	10	0.00	0.004	
9028		19.30	19.30		0.	-14	0.26	-4.1		0.	16	0.006		0.	14	0.00	0.005	
9029		19.30	19.30		475	2	1.67	68.1		514	12	0.009		523	11	1.67	0.009	
9030		19.30	19.30		388	22	0.73	111.1		390	10	0.007		377	6	1.25	0.006	
9031		19.30	19.30		67	95	0.00	255.1		79	56	0.022		92	53	0.00	0.021	
9032		19.30	19.30		0.	182	0.00	471.1		0.	109	0.042		6	107	0.00	0.041	
9033		19.30	19.30		0.	-94	1.69	-25.1		0.	-27	0.000		0.	-22	0.40	0.000	
9034		19.30	19.30		219	128	0.00	364.1		302	107	0.043		301	105	0.00	0.042	
9036		19.30	19.30		55	8	0.00	30.1		0.	29	0.011		0.	28	0.00	0.011	
9040		19.30	19.30		101	-126	2.46	-32.1		211	-65	0.000		214	-74	1.77	0.000	
9041		19.30	19.30		484	-5	1.75	53.1		520	-41	0.000		514	-60	2.11	0.000	
9042		19.30	19.30		1448	-5	5.19	182.1		1349	-7	0.013		1294	-50	4.62	0.005	
9043		19.30	19.30		336	-17	1.17	9.1		376	-14	0.001		387	-11	1.40	0.002	
9044		19.30	19.30		618	0.	2.19	83.1		604	-26	0.002		594	-34	2.06	0.001	
9045		19.30	19.30		1146	53	2.71	298.1		1037	-32	0.005		933	-42	3.29	0.003	
9046		19.30	19.30		289	8	0.89	59.1		292	0.	0.003		303	-1	1.09	0.003	
9047		19.30	19.30		512	32	0.75	156.1		489	-12	0.003		475	-11	1.73	0.003	
9048		19.30	19.30		907	67	0.36	305.1		803	-19	0.005		693	-24	2.49	0.003	
9049		19.30	19.30		143	12	0.00	52.1		138	-9	0.000		142	-5	0.51	0.001	
9050		19.30	19.30		283	27	0.00	110.1		289	-15	0.001		279	4	0.93	0.004	
9051		19.30	19.30		665	49	0.35	222.1		614	-8	0.005		551	13	1.74	0.010	
9052		19.30	19.30		175	17	0.00	69.1		191	-14	0.000		193	-11	0.67	0.000	
9053		19.30	19.30		318	20	0.47	97.1		338	-7	0.002		336	7	1.08	0.006	
9054		19.30	19.30		520	37	0.43	170.1		510	-2	0.005		490	28	0.87	0.015	
9056		19.30	19.30		350	-154	3.46	-34.1		375	-100	0.000		404	-76	2.18	0.000	
9057		19.30	19.30		96	-189	3.58	-49.1		228	-93	0.000		229	-98	2.23	0.000	
9058		19.30	19.30		70	-168	3.16	-44.1		162	-80	0.000		166	-81	1.79	0.000	
9060		19.30	19.30		1051	-108	4.08	-6.1		1061	-77	0.001		1037	-39	3.70	0.004	
9061		19.30	19.30		751	-60	2.69	2.1		714	-66	0.000		665	-56	2.41	0.000	
9062		19.30	19.30		640	-139	3.80	-23.1		599	-68	0.000		559	-48	2.04	0.000	
9064		19.30	19.30		1840	-55	6.65	119.1		1709	-20	0.014		1650	-19	5.99	0.014	
9065		19.30	19.30		1614	-51	5.82	97.1		1512	-20	0.012		1457	-20	5.30	0.011	
9066		19.30	19.30		1251	-78	4.35	19.1		1216	-66	0.002		1185	-32	4.30	0.007	
9076		19.30	19.30		1563	-127	5.61	4.1		836	46	0.025		271	80	0.00	0.032	
9077		19.30	19.30		1633	-68	5.79	70.1		916	32	0.020		315	59	0.00	0.025	
9078		19.30	19.30		1544	-36	5.62	122.1		867	5	0.011		264	28	0.00	0.013	
9079		19.30	19.30		1431	-19	5.20	146.1		898	-15	0.007		359	-4	1.30	0.003	
9080		19.30	19.30		976	-14	3.55	97.1		682	-7	0.006		386	-32	1.39	0.000	
9081		19.30	19.30		1198	-15	4.35	124.1		884	-23	0.005		568	-31	1.98	0.001	
9082		19.30	19.30		1295	-19	4.71	128.1		1007	-20	0.007		719	-20	2.60	0.004	
9083		19.30	19.30		1167	-11	4.23	129.1		950	-12	0.008		734	-13	2.67	0.005	
9085		19.30	19.30		886	-15	3.23	83.1		758	-16	0.005		620	-14	2.25	0.004	
9086		19.30	19.30		810	-14	2.95	76.1		647	-19	0.003		512	-24	1.80	0.001	
9088		19.30	19.30		956	-7	3.45	112.1		850	-26	0.004		759	-13	2.76	0.005	
9089		19.30	19.30		0.	-77	1.39	-21.1		0.	-42	0.000		0.	-24	0.42	0.000	
9090		19.30	19.30		0.	-32	0.58	-9.1		0.	-37	0.000		0.	-20	0.35	0.000	
9091		19.30	19.30		0.	-72	1.29	-19.1		0.	-33	0.000		0.	-14	0.25	0.000	
9092		19.30	19.30		0.	5	0.00	12.1		0.	-10	0.000		0.	-9	0.17	0.000	
9093		19.30	19.30		0.	15	0.00	39.1		0.	-5	0.000		0.	-8	0.14	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9096		19.30	19.30		19	-51	0.96	-13.1		0.	-54	0.000		0.	-46	0.82	0.000	
9098		19.30	19.30		0.	11	0.00	29.1		0.	-6	0.000		0.	-9	0.17	0.000	
9100		19.30	19.30		0.	-6	0.11	-2.1		0.	-17	0.000		0.	-16	0.28	0.000	
9101		19.30	19.30		0.	1	0.00	4.1		0.	-13	0.000		0.	-11	0.19	0.000	
9102		19.30	19.30		0.	-22	0.39	-6.1		0.	-26	0.000		0.	-3	0.06	0.000	
9104		19.30	19.30		0.	-8	0.15	-2.1		0.	-25	0.000		0.	-31	0.56	0.000	
9105		19.30	19.30		25	-39	0.76	-10.1		0.	-14	0.000		0.	-14	0.26	0.000	
9106		19.30	19.30		0.	-87	1.55	-23.1		0.	-77	0.000		0.	-63	1.13	0.000	
9107		19.30	19.30		0.	-85	1.52	-23.1		0.	-81	0.000		0.	-78	1.40	0.000	
9109		19.30	19.30		0.	-86	1.55	-23.1		12	-87	0.000		0.	-81	1.45	0.000	
9110		19.30	19.30		1222	-462	10.76	-97.1		428	-191	0.000		0.	-14	0.24	0.000	
9111		19.30	19.30		0.	-314	5.62	-84.1		0.	-82	0.000		0.	53	0.00	0.021	
9112		19.30	19.30		1524	-394	10.15	-72.1		995	-178	0.000		531	-38	1.86	0.000	
9113		19.30	19.30		0.	-238	4.27	-64.1		0.	-81	0.000		0.	3	0.00	0.001	
9114		19.30	19.30		2750	-155	9.56	59.1		1873	-104	0.003		1005	-42	3.56	0.003	
9115		19.30	19.30		374	-79	2.18	-13.1		350	-32	0.000		328	-13	1.17	0.001	
9116		19.30	19.30		2218	-7	7.95	280.1		1502	-23	0.011		794	-3	2.85	0.008	
9117		19.30	19.30		816	6	2.83	126.1		591	-5	0.005		369	-2	1.33	0.004	
9118		19.30	19.30		1344	24	4.40	244.1		910	0.	0.010		481	-11	1.75	0.003	
9119		19.30	19.30		659	11	2.18	117.1		452	2	0.005		247	-4	0.90	0.002	
9121		19.30	19.30		337	1	1.18	49.1		218	-2	0.002		99	-3	0.35	0.000	
9123		19.30	19.30		290	-24	1.05	1.1		236	-19	0.000		185	-12	0.64	0.000	
9124		19.30	19.30		377	-31	1.36	1.1		346	-29	0.000		325	-27	1.17	0.000	
9125		19.30	19.30		446	-92	2.56	-15.1		368	-65	0.000		292	-5	1.06	0.002	
9126		19.30	19.30		332	-55	1.67	-8.1		356	-42	0.000		388	-28	1.36	0.000	
9127		19.30	19.30		458	-4	1.65	53.1		395	-73	0.000		334	-41	1.41	0.000	
9128		19.30	19.30		560	-23	1.98	24.1		427	-25	0.001		304	-4	1.10	0.002	
9129		19.30	19.30		464	-34	1.63	3.1		374	-34	0.000		293	-8	1.06	0.002	
9130		19.30	19.30		401	-65	1.99	-9.1		343	-54	0.000		295	-16	1.03	0.001	
9132		19.30	19.30		858	21	2.69	170.1		597	1	0.007		342	-4	1.24	0.003	
9133		19.30	19.30		608	12	1.98	112.1		445	-4	0.004		289	-4	1.05	0.002	
9134		19.30	19.30		652	-5	2.36	74.1		478	-14	0.002		313	-3	1.13	0.003	
9136		19.30	19.30		396	-735	13.97	-189.1		490	-189	0.000		589	361	0.00	0.142	
9137		19.30	19.30		512	-750	14.49	-190.1		547	-193	0.000		589	368	0.00	0.145	
9140		19.30	19.30		476	-813	15.54	-208.1		569	-252	0.000		669	312	0.00	0.124	
9141		19.30	19.30		803	-826	16.44	-204.1		809	-260	0.000		821	310	0.00	0.124	
9144		19.30	19.30		526	-878	16.80	-224.1		558	-308	0.000		597	265	0.00	0.105	
9145		19.30	19.30		834	-886	17.58	-220.1		824	-315	0.000		820	259	0.00	0.104	
9148		19.30	19.30		309	-950	17.66	-249.1		324	-372	0.000		344	203	0.00	0.080	
9149		19.30	19.30		812	-967	18.99	-242.1		803	-388	0.000		801	179	0.00	0.074	
9152		19.30	19.30		352	-1004	18.71	-262.1		309	-420	0.000		302	138	0.00	0.055	
9153		19.30	19.30		822	-1015	19.86	-255.1		865	-427	0.000		915	129	0.00	0.056	
9156		19.30	19.30		404	-1214	22.58	-317.1		553	-346	0.000		637	274	0.00	0.109	
9157		19.30	19.30		0.	-1240	22.22	-333.1		0.	-481	0.000		151	248	0.00	0.097	
9159		19.30	19.30		256	-1216	22.32	-321.1		363	-340	0.000		399	273	0.00	0.107	
9160		19.30	19.30		1854	-1265	26.45	-299.1		1722	-521	0.000		1603	227	0.00	0.098	
9161		19.30	19.30		611	-1275	24.09	-329.1		584	-529	0.000		563	221	0.00	0.088	
9163		19.30	19.30		652	-1265	24.00	-326.1		611	-520	0.000		575	229	0.00	0.091	
9164		19.30	19.30		1680	-1322	27.11	-319.1		1609	-573	0.000		1550	150	0.00	0.069	
9165		19.30	19.30		1007	-1346	26.17	-340.1		960	-595	0.000		922	124	0.00	0.054	
9167		19.30	19.30		950	-1325	25.68	-335.1		932	-576	0.000		922	157	0.00	0.066	
9168		19.30	19.30		1435	-1382	27.70	-340.1		1410	-632	0.000		1396	67	3.19	0.037	
9169		19.30	19.30		895	-1417	27.22	-361.1		880	-662	0.000		872	41	2.04	0.023	
9171		19.30	19.30		1265	-1392	27.52	-346.1		1223	-639	0.000		1191	63	2.46	0.034	
9172		19.30	19.30		1579	-1430	28.84	-350.1		1573	-682	0.000		1580	28	5.17	0.026	
9173		19.30	19.30		526	-1494	27.85	-390.1		570	-736	0.000		620	-8	2.25	0.005	
9175		19.30	19.30		1223	-1442	28.34	-361.1		1196	-689	0.000		1178	19	3.91	0.018	
9176		19.30	19.30		624	-1281	24.23	-331.1		714	-666	0.000		829	41	1.83	0.023	
9177		19.30	19.30		313	-1351	24.84	-356.1		376	-698	0.000		456	7	1.51	0.007	
9179		19.30	19.30		641	-1425	26.85	-369.1		685	-728	0.000		742	6	2.55	0.010	
9180		19.30	19.30		0.	-1145	20.52	-308.1		188	-528	0.000		438	123	0.00	0.050	
9181		19.30	19.30		527	-1287	24.14	-334.1		491	-584	0.000		462	80	0.00	0.034	
9183		19.30	19.30		415	-1161	21.65	-303.1		529	-599	0.000		689	66	0.00	0.031	
9191		19.30	19.30		0.	-133	2.38	-36.1		0.	-67	0.000		0.	-5	0.09	0.000	
9192		19.30	19.30		390	-9	1.42	31.1		139	-2	0.001		13	-3	0.07	0.000	
9193		19.30	19.30		396	7	1.29	72.1		202	2	0.003		52	-2	0.18	0.000	
9194		19.30	19.30		169	-4	0.62	13.1		111	-1	0.001		138	-14	0.54	0.000	
9195		19.30	19.30		307	-48	1.49	-6.1		301	-21	0.000		292	-29	1.11	0.000	
9197		19.30	19.30		843	-179	4.93	-30.1		385	-93	0.000		0.	-6	0.11	0.000	
9198		19.30	19.30		1023	-23	3.72	82.1		532	-15	0.003		54	-7	0.23	0.000	
9199		19.30	19.30		658	4	2.28	100.1		400	0.	0.004		145	-11	0.51	0.000	
9200		19.30	19.30		339	-41	1.43	-4.1		281	-13	0.001		256	-18	0.90	0.000	
9201		19.30	19.30		490	-45	1.80	-1.1		512	-6	0.004		508	-27	1.77	0.001	
9203		19.30	19.30		1242	-159	5.39	-16.1		704	-82	0.000		173	-5	0.63	0.001	
9204		19.30	19.30		1396	4	4.92	197.1		802	-3	0.008		170	-6	0.61	0.001	
9205		19.30	19.30		624	58	0.00	239.1		330	29	0.014		18	0.	0.06	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9206		19.30	19.30		0.	-10	0.17	-3.		0.	-2	0.000		0.	-10	0.18	0.000
9207		19.30	19.30		0.	-28	0.50	-7.		0.	-4	0.000		0.	-40	0.72	0.000
9209		19.30	19.30		0.	-47	0.85	-13.		0.	-16	0.000		0.	-2	0.04	0.000
9210		19.30	19.30		552	45	0.00	196.		331	11	0.007		86	-1	0.31	0.001
9211		19.30	19.30		418	21	0.91	113.		251	10	0.006		84	0.	0.30	0.001
9212		19.30	19.30		115	-43	1.01	-9.		50	-29	0.000		0.	-19	0.34	0.000
9213		19.30	19.30		223	-42	1.21	-6.		160	-25	0.000		105	-44	1.00	0.000
9215		19.30	19.30		0.	-158	2.82	-42.		0.	-127	0.000		0.	-62	1.11	0.000
9216		19.30	19.30		317	-83	2.13	-15.		339	-56	0.000		284	-34	1.18	0.000
9217		19.30	19.30		417	-118	2.97	-23.		400	-56	0.000		352	-65	1.89	0.000
9218		19.30	19.30		0.	-436	7.81	-117.		0.	-139	0.000		0.	158	0.00	0.061
9219		19.30	19.30		0.	-264	4.72	-71.		0.	-107	0.000		0.	49	0.00	0.019
9220		19.30	19.30		787	41	1.66	216.		631	5	0.008		476	-10	1.73	0.003
9221		19.30	19.30		822	81	0.00	329.		583	52	0.024		606	23	1.64	0.014
9222		19.30	19.30		447	64	0.00	230.		526	46	0.022		623	32	1.32	0.017
9223		19.30	19.30		364	2	1.27	55.		388	24	0.012		429	47	0.00	0.021
9224		19.30	19.30		1674	-411	10.77	-74.		1069	-130	0.000		477	150	0.00	0.060
9225		19.30	19.30		2520	-325	10.96	-32.		2081	-133	0.002		1661	58	4.66	0.037
9226		19.30	19.30		3975	-94	14.45	309.		3216	-84	0.018		2463	-34	8.96	0.019
9227		19.30	19.30		2293	104	5.51	589.		2234	51	0.040		2130	7	7.49	0.025
9228		19.30	19.30		2385	127	4.82	665.		2598	98	0.060		2613	76	7.82	0.052
9229		19.30	19.30		2788	64	8.80	545.		3124	84	0.060		3234	110	9.18	0.070
9230		19.30	19.30		1545	74	3.53	408.		940	138	0.059		348	201	0.00	0.079
9231		19.30	19.30		1159	71	1.78	349.		672	112	0.047		232	153	0.00	0.060
9232		19.30	19.30		529	80	0.00	283.		295	75	0.030		202	70	0.00	0.028
9233		19.30	19.30		277	40	0.00	144.		240	30	0.013		202	19	0.00	0.009
9234		19.30	19.30		1524	73	3.49	402.		1439	69	0.038		1405	61	3.49	0.035
9235		19.30	19.30		3207	90	9.69	671.		3035	107	0.067		2934	120	7.62	0.071
9236		19.30	19.30		694	-145	4.01	-24.		648	-2	0.006		646	-2	2.31	0.006
9237		19.30	19.30		386	-90	2.40	-16.		353	7	0.006		355	6	1.16	0.006
9238		19.30	19.30		288	23	0.00	100.		283	2	0.004		279	1	0.98	0.003
9239		19.30	19.30		383	14	1.05	90.		361	15	0.009		346	10	1.03	0.007
9240		19.30	19.30		448	-63	2.04	-7.		390	-30	0.000		365	-37	1.41	0.000
9241		19.30	19.30		424	-72	2.16	-10.		399	-28	0.000		377	-37	1.44	0.000
9242		19.30	19.30		60	-243	4.48	-64.		168	-113	0.000		172	-108	2.28	0.000
9243		19.30	19.30		88	-240	4.47	-63.		233	-116	0.000		235	-115	2.53	0.000
9245		19.30	19.30		565	-672	13.19	-168.		532	-380	0.000		532	-380	7.89	0.000
9246		19.30	19.30		866	-82	3.24	-3.		901	-45	0.002		899	-33	3.21	0.004
9247		19.30	19.30		845	-135	4.13	-18.		889	-63	0.001		854	-56	2.97	0.001
9249		19.30	19.30		531	-164	4.02	-32.		583	-114	0.000		568	-85	2.68	0.000
9250		19.30	19.30		1282	-118	4.72	-3.		1288	-63	0.003		1262	-27	4.59	0.008
9251		19.30	19.30		1415	-83	4.91	27.		1357	-44	0.006		1314	-21	4.78	0.010
9253		19.30	19.30		1039	-114	4.16	-8.		1061	-62	0.002		1040	-43	3.69	0.003
9254		19.30	19.30		1568	-42	5.69	112.		1803	-1	0.019		1819	15	6.27	0.024
9255		19.30	19.30		1328	-338	8.76	-62.		1718	19	0.024		1753	124	1.41	0.062
9256		19.30	19.30		1143	-569	12.53	-128.		896	-160	0.000		676	72	0.00	0.032
9257		19.30	19.30		1172	-48	4.16	51.		1356	-23	0.010		1382	3	4.88	0.015
9258		19.30	19.30		1120	-279	7.27	-50.		1375	-28	0.009		1356	96	1.04	0.048
9259		19.30	19.30		1588	-430	10.94	-81.		1118	-135	0.000		661	35	1.34	0.019
9260		19.30	19.30		625	-1	2.23	83.		729	-34	0.002		735	-12	2.68	0.005
9261		19.30	19.30		887	-143	4.36	-19.		929	-83	0.000		838	29	2.36	0.018
9262		19.30	19.30		1950	-172	7.04	-3.		1252	-41	0.006		597	-18	2.15	0.003
9263		19.30	19.30		455	-9	1.65	38.		461	-30	0.000		477	-15	1.72	0.002
9264		19.30	19.30		863	-75	3.16	0.		704	-28	0.003		537	-20	1.92	0.002
9265		19.30	19.30		2127	-118	7.40	49.		1412	-88	0.002		667	-59	2.41	0.000
9266		19.30	19.30		833	-22	3.02	59.		842	-19	0.005		856	-14	3.12	0.006
9267		19.30	19.30		1158	-11	4.19	128.		1086	-42	0.004		1012	-40	3.60	0.004
9268		19.30	19.30		1590	-94	5.52	29.		1086	-70	0.001		583	-57	2.20	0.000
9269		19.30	19.30		1085	-3	3.88	138.		1090	-24	0.007		1090	-21	3.97	0.007
9270		19.30	19.30		1625	-19	5.90	172.		1513	-44	0.008		1432	-23	5.22	0.011
9271		19.30	19.30		1094	-53	3.83	34.		812	-41	0.002		551	-32	1.92	0.001
9275		19.30	19.30		1092	-55	3.82	31.		1117	-34	0.005		1109	-41	3.96	0.004
9276		19.30	19.30		1345	-79	4.67	26.		1349	-51	0.005		1329	-15	4.82	0.011
9278		19.30	19.30		985	-28	3.57	66.		1008	-26	0.006		1015	-21	3.69	0.007
9279		19.30	19.30		922	2	3.25	130.		770	-7	0.007		638	-2	2.28	0.006
9280		19.30	19.30		355	-2	1.28	42.		251	-1	0.002		158	-26	0.79	0.000
9282		19.30	19.30		1838	-22	6.67	193.		1640	-16	0.014		1442	-11	5.21	0.013
9283		19.30	19.30		1877	-64	6.74	106.		1753	-40	0.011		1670	-18	6.06	0.014
9286		19.30	19.30		1785	-53	6.45	115.		1688	-18	0.014		1628	-12	5.88	0.015
9362		19.30	19.30		0.	-810	14.51	-218.		0.	-348	0.000		0.	56	0.00	0.022
9363		19.30	19.30		0.	-968	17.34	-260.		0.	-440	0.000		0.	33	0.00	0.013
9365		19.30	19.30		139	-1206	21.89	-321.		451	-574	0.000		396	2	1.38	0.005
9366		19.30	19.30		0.	-747	13.40	-201.		0.	-282	0.000		0.	185	0.00	0.071
9367		19.30	19.30		1292	-966	19.94	-231.		647	-408	0.000		62	144	0.00	0.056
9369		19.30	19.30		216	-1033	18.96	-273.		60	-438	0.000		0.	117	0.00	0.045
9370		19.30	19.30		0.	-993	17.80	-267.		0.	-437	0.000		0.	110	0.00	0.043

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9371		19.30	19.30		240	-1053	19.36	-278.		99	-463	0.000		0.	121	0.00	0.047	
9373		19.30	19.30		1670	-1238	25.59	-296.		879	-569	0.000		90	68	0.00	0.027	
9374		19.30	19.30		0.	-877	15.72	-236.		0.	-347	0.000		0.	186	0.00	0.072	
9375		19.30	19.30		281	-979	18.12	-257.		444	-396	0.000		592	170	0.00	0.069	
9377		19.30	19.30		0.	-1094	19.62	-294.		0.	-461	0.000		26	163	0.00	0.063	
9379		19.30	19.30		62	-783	14.16	-209.		19	-373	0.000		72	0.	0.26	0.001	
9380		19.30	19.30		0.	-489	8.77	-132.		0.	-226	0.000		0.	-3	0.05	0.000	
9381		19.30	19.30		0.	-938	16.82	-252.		0.	-450	0.000		0.	-10	0.18	0.000	
9383		19.30	19.30		1653	-824	18.13	-185.		877	-373	0.000		102	24	0.00	0.010	
9384		19.30	19.30		183	-491	9.18	-128.		0.	-214	0.000		0.	7	0.00	0.003	
9385		19.30	19.30		157	-851	15.57	-225.		79	-361	0.000		0.	32	0.00	0.012	
9387		19.30	19.30		644	-852	16.58	-215.		358	-389	0.000		75	41	0.00	0.016	
9388		19.30	19.30		431	-520	10.20	-130.		99	-244	0.000		0.	-2	0.04	0.000	
9389		19.30	19.30		1850	-957	20.91	-217.		960	-455	0.000		76	4	0.15	0.002	
9391		19.30	19.30		125	-785	14.33	-208.		208	-314	0.000		252	103	0.00	0.041	
9392		19.30	19.30		0.	-367	6.58	-99.		0.	-125	0.000		0.	42	0.00	0.016	
9393		19.30	19.30		0.	-824	14.77	-222.		0.	-355	0.000		27	79	0.00	0.031	

ARMATURA INFERIORE VERTICALE

GUSCI	Af	Afc	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE								
			Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
2022		19.15	19.15		0.	-167	2.99	-45.		0.	-96	0.000		0.	-92	1.65	0.000	
2024		19.15	19.15		664	-261	6.03	-56.		565	-157	0.000		455	-88	2.51	0.000	
2025		19.15	19.15		656	-257	5.95	-55.		558	-156	0.000		447	-89	2.51	0.000	
2026		19.15	19.15		597	-126	3.48	-21.		501	-95	0.000		410	-65	2.01	0.000	
2027		19.15	19.15		598	-125	3.47	-21.		502	-95	0.000		412	-66	2.03	0.000	
2028		19.15	19.15		760	7	2.62	122.		545	-22	0.002		333	-52	1.62	0.000	
2029		19.15	19.15		758	7	2.61	121.		543	-23	0.002		332	-53	1.63	0.000	
2030		19.15	19.15		746	106	0.00	386.		563	14	0.010		386	-36	1.43	0.000	
2031		19.15	19.15		747	106	0.00	384.		564	13	0.010		387	-35	1.42	0.000	
2032		19.15	19.15		0.	72	0.00	189.		0.	55	0.022		0.	51	0.00	0.020	
2033		19.15	19.15		0.	72	0.00	188.		0.	55	0.022		0.	51	0.00	0.020	
2035		19.15	19.15		440	-211	4.67	-47.		167	-192	0.000		0.	-166	2.98	0.000	
2036		19.15	19.15		412	-89	2.44	-15.		253	-186	0.000		229	-159	3.31	0.000	
2037		19.15	19.15		406	-163	3.76	-35.		196	-176	0.000		149	-132	2.67	0.000	
2038		19.15	19.15		436	-122	3.07	-23.		379	-138	0.000		324	-113	2.68	0.000	
2039		19.15	19.15		480	-163	3.91	-33.		333	-134	0.000		209	-85	1.96	0.000	
2040		19.15	19.15		519	-101	2.88	-16.		285	-60	0.000		284	-60	1.65	0.000	
2041		19.15	19.15		533	-128	3.37	-23.		263	-43	0.000		254	-39	1.21	0.000	
2042		19.15	19.15		431	-91	2.50	-15.		336	-28	0.000		334	-27	1.20	0.000	
2043		19.15	19.15		473	-100	2.76	-16.		313	-12	0.001		314	-8	1.14	0.002	
2044		19.15	19.15		0.	-60	1.08	-16.		0.	-70	0.000		0.	-22	0.39	0.000	
2045		19.15	19.15		0.	-64	1.14	-17.		30	-72	0.000		42	-1	0.15	0.000	
2046		19.15	19.15		318	-230	4.78	-55.		178	-185	0.000		53	-146	2.73	0.000	
2048		19.15	19.15		384	-218	4.69	-50.		75	-132	0.000		38	-97	1.82	0.000	
2049		19.15	19.15		316	-215	4.50	-51.		0.	-57	0.000		0.	-21	0.38	0.000	
2050		19.15	19.15		516	-195	4.55	-41.		270	-123	0.000		120	-60	1.32	0.000	
2051		19.15	19.15		575	-210	4.93	-44.		275	-88	0.000		107	-16	0.51	0.000	
2052		19.15	19.15		544	-162	4.02	-32.		336	-54	0.000		286	-28	1.09	0.000	
2053		19.15	19.15		584	-194	4.66	-39.		381	-65	0.000		292	-22	1.03	0.000	
2054		19.15	19.15		530	-132	3.44	-24.		373	-22	0.001		372	-3	1.35	0.003	
2055		19.15	19.15		625	-147	3.91	-26.		472	-54	0.000		466	-25	1.63	0.001	
2056		19.15	19.15		230	-91	2.10	-19.		361	-42	0.000		374	6	1.25	0.006	
2057		19.15	19.15		825	-84	3.19	-5.		924	-24	0.005		928	-15	3.39	0.007	
2059		19.15	19.15		1975	-407	11.32	-66.		1503	-340	0.000		1041	-278	7.10	0.000	
2060		19.15	19.15		776	-364	8.10	-81.		623	-325	0.000		482	-298	6.33	0.000	
2061		19.15	19.15		713	-385	8.35	-88.		548	-332	0.000		392	-280	5.82	0.000	
2062		19.15	19.15		824	-363	8.18	-79.		677	-311	0.000		579	-277	6.14	0.000	
2063		19.15	19.15		744	-372	8.18	-84.		575	-304	0.000		446	-260	5.58	0.000	
2064		19.15	19.15		787	-364	8.13	-81.		620	-306	0.000		460	-253	5.48	0.000	
2065		19.15	19.15		735	-357	7.91	-80.		568	-297	0.000		412	-241	5.16	0.000	
2066		19.15	19.15		1044	-329	8.03	-66.		916	-295	0.000		800	-241	5.95	0.000	
2067		19.15	19.15		1045	-332	8.09	-66.		918	-278	0.000		807	-225	5.68	0.000	
2068		19.15	19.15		3026	-271	11.02	-6.		2728	-240	0.000		2501	-215	9.12	0.000	
2069		19.15	19.15		2892	-285	11.00	-13.		2624	-255	0.000		2426	-218	8.86	0.000	
2070		19.15	19.15		2134	-429	12.03	-68.		1691	-348	0.000		1255	-272	7.44	0.000	
2072		19.15	19.15		603	-392	8.25	-92.		431	-315	0.000		267	-250	5.02	0.000	
2073		19.15	19.15		537	-383	7.97	-91.		359	-296	0.000		193	-229	4.50	0.000	
2074		19.15	19.15		587	-365	7.74	-85.		412	-288	0.000		247	-235	4.71	0.000	
2075		19.15	19.15		510	-357	7.45	-85.		300	-276	0.000		133	-218	4.18	0.000	
2076		19.15	19.15		695	-351	7.71	-79.		534	-285	0.000		393	-223	4.81	0.000	
2077		19.15	19.15		684	-343	7.54	-77.		517	-275	0.000		364	-210	4.51	0.000	
2078		19.15	19.15		1018	-314	7.71	-62.		901	-262	0.000		803	-212	5.43	0.000	
2079		19.15	19.15		990	-296	7.32	-58.		872	-247	0.000		765	-197	5.09	0.000	
2080		19.15	19.15		2778	-253	10.19	-7.		2544	-222	0.000		2388	-188	8.52	0.001	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2081		19.15	19.15		2696	-231	9.82	3.		2446	-204	0.000		2303	-170	8.13	0.001	
2083		19.15	19.15		1834	55	5.47	396.		1209	164	0.072		887	224	0.00	0.093	
2084		19.15	19.15		1187	51	3.00	298.		957	145	0.063		777	220	0.00	0.090	
2085		19.15	19.15		925	84	0.00	354.		733	179	0.074		603	236	0.00	0.096	
2086		19.15	19.15		1157	104	0.00	440.		995	184	0.078		883	252	0.00	0.104	
2087		19.15	19.15		954	144	0.00	516.		801	220	0.091		723	275	0.00	0.112	
2088		19.15	19.15		950	181	0.00	609.		864	243	0.100		786	299	0.00	0.121	
2089		19.15	19.15		872	227	0.00	718.		770	274	0.111		651	312	0.00	0.126	
2090		19.15	19.15		178	283	0.00	766.		92	350	0.138		54	370	0.00	0.146	
2091		19.15	19.15		71	324	0.00	857.		31	349	0.137		13	375	0.00	0.147	
2092		19.15	19.15		0.	400	0.00	1044.		0.	427	0.168		0.	451	0.00	0.177	
2093		19.15	19.15		0.	450	0.00	1175.		0.	474	0.186		0.	497	0.00	0.195	
2094		19.15	19.15		1847	97	3.83	515.		1298	151	0.068		945	201	0.00	0.085	
2096		19.15	19.15		780	138	0.00	474.		736	202	0.083		686	229	0.00	0.093	
2097		19.15	19.15		936	181	0.00	609.		908	225	0.093		873	229	0.00	0.095	
2098		19.15	19.15		903	181	0.00	604.		884	240	0.099		839	277	0.00	0.113	
2099		19.15	19.15		924	202	0.00	661.		946	259	0.107		935	279	0.00	0.114	
2100		19.15	19.15		831	251	0.00	775.		796	279	0.114		725	299	0.00	0.121	
2101		19.15	19.15		775	266	0.00	807.		791	284	0.115		762	292	0.00	0.118	
2102		19.15	19.15		0.	332	0.00	868.		1	329	0.129		14	338	0.00	0.133	
2103		19.15	19.15		0.	375	0.00	978.		0.	356	0.140		4	350	0.00	0.138	
2104		19.15	19.15		0.	446	0.00	1164.		0.	435	0.171		0.	423	0.00	0.166	
2105		19.15	19.15		0.	494	0.00	1290.		0.	488	0.192		0.	479	0.00	0.188	
2107		19.15	19.15		777	30	2.07	188.		482	-77	0.000		292	-153	3.33	0.000	
2108		19.15	19.15		69	42	0.00	121.		9	-33	0.000		0.	-109	1.96	0.000	
2109		19.15	19.15		158	116	0.00	325.		105	-10	0.000		80	-116	2.24	0.000	
2110		19.15	19.15		718	29	1.87	177.		572	-52	0.000		434	-113	2.91	0.000	
2111		19.15	19.15		766	92	0.00	351.		651	-24	0.003		529	-115	3.14	0.000	
2112		19.15	19.15		1054	2	3.74	147.		861	-83	0.000		664	-63	2.49	0.000	
2113		19.15	19.15		1154	44	3.13	275.		960	-63	0.001		759	-59	2.70	0.000	
2114		19.15	19.15		1035	-11	3.77	113.		857	-93	0.000		681	-29	2.41	0.002	
2115		19.15	19.15		1215	19	4.05	215.		992	-75	0.000		769	-20	2.80	0.004	
2116		19.15	19.15		0.	-20	0.36	-5.		223	-79	0.000		366	-19	1.28	0.001	
2117		19.15	19.15		0.	5	0.00	14.		119	-60	0.000		317	-5	1.16	0.002	
3632		19.15	19.15		0.	-77	1.38	-21.		0.	-14	0.000		0.	-14	0.25	0.000	
3633		19.15	19.15		0.	-29	0.51	-8.		0.	-8	0.000		0.	-8	0.15	0.000	
3634		19.15	19.15		110	-15	0.49	-2.		24	-65	0.000		0.	-79	1.41	0.000	
3641		19.15	19.15		0.	-114	2.04	-31.		0.	-27	0.000		0.	3	0.00	0.001	
3643		19.15	19.15		0.	33	0.00	86.		0.	73	0.029		0.	73	0.00	0.029	
3644		19.15	19.15		25	19	0.00	52.		0.	40	0.016		0.	40	0.00	0.016	
3645		19.15	19.15		534	-19	1.92	29.		479	-47	0.000		396	-44	1.60	0.000	
3647		19.15	19.15		1404	-187	6.22	-20.		1143	-143	0.000		886	-94	3.50	0.000	
3648		19.15	19.15		784	-90	3.21	-7.		624	-70	0.000		480	-41	1.74	0.000	
3649		19.15	19.15		133	-4	0.48	8.		0.	-11	0.000		0.	-4	0.08	0.000	
3650		19.15	19.15		0.	15	0.00	39.		0.	22	0.009		0.	24	0.00	0.009	
3651		19.15	19.15		0.	29	0.00	76.		0.	50	0.019		0.	50	0.00	0.020	
3654		19.15	19.15		643	21	1.88	143.		246	135	0.054		101	190	0.00	0.075	
3657		19.15	19.15		0.	42	0.00	111.		0.	18	0.007		0.	16	0.00	0.006	
3658		19.15	19.15		0.	-23	0.41	-6.		0.	9	0.004		0.	8	0.00	0.003	
3659		19.15	19.15		0.	-82	1.48	-22.		0.	0.	0.000		0.	-14	0.25	0.000	
3663		19.15	19.15		173	-162	3.25	-40.		22	-160	0.000		0.	-131	2.35	0.000	
3664		19.15	19.15		596	-72	2.50	-6.		330	-122	0.000		120	-166	3.22	0.000	
3665		19.15	19.15		483	-55	1.98	-4.		274	-105	0.000		139	-158	3.11	0.000	
3666		19.15	19.15		0.	-60	1.08	-16.		0.	-78	0.000		0.	-126	2.26	0.000	
3668		19.15	19.15		1510	39	4.68	309.		996	90	0.043		742	114	0.00	0.050	
3670		19.15	19.15		778	125	0.00	439.		565	146	0.060		428	179	0.00	0.072	
3671		19.15	19.15		1375	71	2.91	380.		948	112	0.051		691	143	0.00	0.060	
3672		19.15	19.15		2011	-270	8.95	-29.		1627	-211	0.000		1247	-151	5.25	0.000	
3674		19.15	19.15		1157	-447	10.38	-95.		806	-351	0.000		537	-259	5.73	0.000	
3675		19.15	19.15		1695	-346	9.66	-56.		1377	-272	0.000		1063	-204	5.82	0.000	
3676		19.15	19.15		1272	28	4.06	248.		837	151	0.064		589	209	0.00	0.085	
3677		19.15	19.15		1400	32	4.44	276.		773	152	0.064		553	213	0.00	0.086	
3678		19.15	19.15		1311	4	4.63	188.		797	120	0.052		526	206	0.00	0.083	
3679		19.15	19.15		147	-195	3.80	-49.		0.	-116	0.000		0.	-56	1.00	0.000	
3681		19.15	19.15		52	-195	3.61	-51.		0.	-61	0.000		0.	-35	0.63	0.000	
3682		19.15	19.15		185	-220	4.33	-55.		48	-151	0.000		0.	-103	1.86	0.000	
3683		19.15	19.15		1593	-237	7.50	-29.		1222	-216	0.000		843	-191	5.13	0.000	
3684		19.15	19.15		1401	-316	8.52	-54.		998	-273	0.000		663	-228	5.44	0.000	
3685		19.15	19.15		1203	-410	9.80	-84.		761	-374	0.000		503	-311	6.61	0.000	
3687		19.15	19.15		0.	-114	2.05	-31.		0.	-40	0.000		0.	-45	0.80	0.000	
3689		19.15	19.15		319	-294	5.92	-72.		0.	-127	0.000		0.	-111	1.99	0.000	
3690		19.15	19.15		20	-120	2.20	-32.		0.	-79	0.000		0.	-60	1.08	0.000	
3691		19.15	19.15		329	-61	1.76	-9.		149	-140	0.000		0.	-134	2.39	0.000	
3692		19.15	19.15		371	-125	2.99	-25.		207	-141	0.000		27	-138	2.53	0.000	
3693		19.15	19.15		451	-111	2.91	-20.		78	-211	0.000		20	-209	3.80	0.000	
4478		28.79	28.79		7837	-130	23.97	509.		7216	18	0.039		7060	41	20.04	0.041	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4479		28.79	28.79		9006	-107	27.27	652.		8682	16	0.046		8426	47	23.94	0.049	
4485		28.79	28.79		11372	-76	33.96	917.		10292	-58	0.046		9284	-6	27.13	0.046	
4486		28.79	28.79		10484	-36	30.96	902.		9012	-9	0.044		7596	63	21.28	0.047	
4500		28.79	28.79		0.	-4	0.06	-1.		0.	32	0.006		0.	-51	0.87	0.000	
4501		28.79	28.79		0.	35	0.00	61.		0.	80	0.014		0.	17	0.00	0.003	
4507		28.79	28.79		0.	-96	1.63	-24.		0.	-78	0.000		0.	-23	0.40	0.000	
4519		28.79	28.79		0.	7	0.00	12.		0.	56	0.010		0.	131	0.00	0.023	
4521		28.79	28.79		6918	-127	21.23	429.		6556	-8	0.032		6520	37	18.51	0.038	
4522		28.79	28.79		6868	-172	21.26	358.		5514	2	0.028		5476	13	15.80	0.029	
4526		28.79	28.79		0.	-40	0.69	-10.		0.	-17	0.000		0.	-112	1.91	0.000	
4527		28.79	28.79		0.	-349	5.94	-89.		0.	-119	0.000		0.	-243	4.14	0.000	
4529		28.79	28.79		1380	-53	4.31	47.		441	-24	0.000		0.	-172	2.93	0.000	
4531		28.79	28.79		12080	-44	35.70	1036.		11497	40	0.063		11007	68	31.18	0.065	
4532		28.79	28.79		10769	-52	31.95	903.		10162	60	0.059		9688	68	27.31	0.058	
4533		28.79	28.79		11053	-70	32.96	899.		10560	25	0.056		10168	70	28.69	0.061	
4535		28.79	28.79		12816	-47	37.88	1098.		12162	-2	0.061		11591	37	33.32	0.063	
4536		28.79	28.79		12307	-38	36.30	1067.		11644	24	0.062		11117	48	31.79	0.062	
4537		28.79	28.79		12483	-41	36.85	1078.		11857	24	0.063		11314	61	32.18	0.065	
4539		28.79	28.79		13042	-76	38.83	1071.		12361	-48	0.058		11775	-3	34.35	0.059	
4540		28.79	28.79		12795	-68	38.04	1061.		12130	-35	0.058		11558	8	33.59	0.059	
4541		28.79	28.79		12828	-57	38.02	1083.		12153	-18	0.059		11568	23	33.43	0.061	
4543		28.79	28.79		13231	-105	39.66	1040.		12421	-90	0.054		11702	-40	34.56	0.055	
4544		28.79	28.79		12765	-101	38.26	1004.		12027	-82	0.053		11380	-32	33.53	0.054	
4545		28.79	28.79		13196	-90	39.42	1062.		12476	-68	0.056		11850	-20	34.78	0.058	
4547		28.79	28.79		12547	-102	37.62	983.		11585	-89	0.050		10705	-39	31.64	0.050	
4548		28.79	28.79		11775	-106	35.40	905.		10932	-92	0.047		10168	-41	30.09	0.047	
4549		28.79	28.79		13075	-108	39.22	1022.		12220	-94	0.053		11454	-44	33.88	0.053	
4551		28.79	28.79		12415	-38	36.62	1076.		11738	-31	0.056		11148	-22	32.75	0.054	
4552		28.79	28.79		11040	-20	32.41	981.		10387	-12	0.051		9854	-5	28.78	0.049	
4553		28.79	28.79		11854	-186	36.20	786.		11087	-139	0.043		10400	34	29.89	0.057	
4555		28.79	28.79		12589	-107	37.79	978.		11992	-99	0.051		11487	-89	34.41	0.050	
4556		28.79	28.79		12110	-92	36.25	960.		11507	-83	0.050		11031	-74	32.94	0.049	
4557		28.79	28.79		12651	-59	37.52	1063.		11986	-51	0.055		11412	-42	33.74	0.053	
4559		28.79	28.79		12725	-164	38.63	899.		12115	-155	0.047		11601	-146	35.20	0.045	
4560		28.79	28.79		12193	-152	36.98	871.		11631	-143	0.046		11162	-134	33.81	0.044	
4561		28.79	28.79		12572	-125	37.89	947.		11984	-117	0.050		11488	-107	34.57	0.048	
4563		28.79	28.79		12193	-208	37.33	782.		11579	-198	0.041		11048	-188	33.82	0.039	
4564		28.79	28.79		11346	-201	34.78	716.		10807	-190	0.037		10341	-178	31.67	0.036	
4565		28.79	28.79		12633	-181	38.48	864.		12025	-171	0.045		11505	-162	35.02	0.043	
4566		28.79	28.79		9479	-20	27.85	837.		7918	20	0.042		6403	119	16.76	0.049	
4567		28.79	28.79		8806	-30	26.00	759.		7340	23	0.040		6060	153	14.97	0.053	
4568		28.79	28.79		9164	-70	27.44	726.		8081	-15	0.039		7048	142	18.22	0.056	
4569		28.79	28.79		10195	-144	31.04	701.		9360	-95	0.038		8589	74	24.01	0.054	
4570		28.79	28.79		10249	-194	31.48	628.		9518	-185	0.031		9054	-176	27.83	0.030	
4571		28.79	28.79		9186	-58	27.39	748.		8099	-62	0.035		7043	-40	20.96	0.032	
4572		28.79	28.79		8358	-2	24.38	765.		7094	32	0.040		5846	105	15.37	0.045	
4573		28.79	28.79		7841	108	21.24	906.		6326	144	0.053		4824	241	8.19	0.062	
4773		28.79	28.79		1974	439	0.00	952.		1503	535	0.099		1052	480	0.00	0.088	
4775		28.79	28.79		0.	126	0.00	219.		0.	209	0.037		0.	302	0.00	0.054	
4776		28.79	28.79		0.	77	0.00	133.		0.	136	0.024		0.	196	0.00	0.035	
8966		19.15	19.15		0.	-158	2.84	-43.		0.	-6	0.000		0.	27	0.00	0.011	
8967		19.15	19.15		227	-177	3.64	-43.		0.	1	0.001		0.	36	0.00	0.014	
8968		19.15	19.15		601	-208	4.95	-43.		290	-68	0.000		117	12	0.00	0.005	
8969		19.15	19.15		677	-203	5.02	-40.		439	-80	0.000		317	-21	1.11	0.000	
8970		19.15	19.15		700	-159	4.28	-27.		558	-85	0.000		540	-47	1.97	0.000	
8971		19.15	19.15		1358	-119	4.98	0.		1425	-63	0.004		1410	-62	4.99	0.004	
8972		19.15	19.15		0.	-79	1.41	-21.		0.	84	0.033		0.	96	0.00	0.038	
8973		19.15	19.15		147	-127	2.58	-31.		0.	75	0.030		0.	79	0.00	0.031	
8974		19.15	19.15		593	-195	4.71	-40.		257	-42	0.000		116	24	0.00	0.010	
8975		19.15	19.15		721	-212	5.27	-41.		525	-118	0.000		357	-36	1.37	0.000	
8976		19.15	19.15		771	-181	4.83	-32.		712	-134	0.000		674	-81	2.83	0.000	
8977		19.15	19.15		1805	-156	6.59	1.		1784	-110	0.002		1766	-108	6.14	0.002	
8978		19.15	19.15		0.	-33	0.59	-9.		0.	46	0.018		0.	59	0.00	0.023	
8979		19.15	19.15		0.	-6	0.11	-2.		0.	70	0.028		0.	70	0.00	0.028	
8981		19.15	19.15		0.	-28	0.51	-8.		0.	27	0.011		0.	56	0.00	0.022	
8982		19.15	19.15		1370	-373	9.48	-70.		848	-354	0.000		544	-300	6.50	0.000	
8983		19.15	19.15		833	-332	7.65	-71.		683	-306	0.000		543	-297	6.43	0.000	
8984		19.15	19.15		887	-346	8.02	-74.		759	-310	0.000		687	-288	6.57	0.000	
8985		19.15	19.15		923	-359	8.33	-76.		762	-315	0.000		609	-267	6.03	0.000	
8986		19.15	19.15		1153	-332	8.30	-64.		1016	-296	0.000		872	-263	6.50	0.000	
8987		19.15	19.15		3189	-283	11.57	-6.		2857	-247	0.000		2600	-216	9.40	0.000	
8988		19.15	19.15		1131	-114	4.35	-6.		922	-121	0.000		687	-114	3.44	0.000	
8989		19.15	19.15		1163	-188	5.73	-25.		951	-172	0.000		703	-147	4.07	0.000	
8991		19.15	19.15		878	-89	3.38	-5.		770	-98	0.000		616	-89	2.85	0.000	
8992		19.15	19.15		2905	-235	10.43	9.		2630	-206	0.001		2431	-167	8.50	0.002	
8993		19.15	19.15		1045	-293	7.39	-56.		923	-243	0.000		807	-191	5.06	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

8994		19.15	19.15		658	-337	7.38	-76.		467	-266	0.000		285	-200	4.16	0.000	
8995		19.15	19.15		1053	105	0.00	428.		972	161	0.069		898	214	0.00	0.089	
8996		19.15	19.15		1037	142	0.00	521.		945	204	0.086		859	259	0.00	0.106	
8997		19.15	19.15		262	230	0.00	639.		176	283	0.112		213	302	0.00	0.119	
8998		19.15	19.15		0.	259	0.00	675.		0.	293	0.115		0.	320	0.00	0.126	
8999		19.15	19.15		264	142	0.00	410.		313	200	0.080		326	211	0.00	0.084	
9000		19.15	19.15		0.	94	0.00	246.		0.	132	0.052		0.	160	0.00	0.063	
9001		19.15	19.15		477	-352	7.29	-84.		262	-274	0.000		53	-200	3.70	0.000	
9002		19.15	19.15		494	-366	7.57	-88.		280	-283	0.000		73	-203	3.78	0.000	
9003		19.15	19.15		1453	-420	10.49	-81.		959	-324	0.000		569	-230	5.29	0.000	
9005		19.15	19.15		1335	23	4.42	241.		1061	101	0.048		793	191	0.00	0.080	
9006		19.15	19.15		1334	67	2.94	362.		1196	136	0.062		1063	203	0.00	0.086	
9008		19.15	19.15		1334	36	4.09	278.		1086	111	0.052		853	202	0.00	0.084	
9009		19.15	19.15		1267	73	2.26	372.		1128	149	0.066		995	224	0.00	0.094	
9010		19.15	19.15		0.	26	0.00	67.		0.	83	0.033		0.	87	0.00	0.034	
9011		19.15	19.15		11	24	0.00	65.		0.	87	0.034		0.	108	0.00	0.042	
9013		19.15	19.15		0.	30	0.00	78.		0.	66	0.026		0.	74	0.00	0.029	
9014		19.15	19.15		171	22	0.00	81.		0.	109	0.043		0.	147	0.00	0.058	
9015		19.15	19.15		364	18	0.79	100.		0.	112	0.044		0.	171	0.00	0.067	
9017		19.15	19.15		127	23	0.00	77.		0.	97	0.038		0.	129	0.00	0.051	
9019		19.15	19.15		1113	8	3.87	172.		448	119	0.049		176	199	0.00	0.079	
9020		19.15	19.15		1040	15	3.50	180.		353	112	0.046		133	184	0.00	0.073	
9021		19.15	19.15		795	17	2.56	152.		78	122	0.048		0.	186	0.00	0.073	
9023		19.15	19.15		1304	8	4.56	198.		714	121	0.052		432	209	0.00	0.084	
9024		19.15	19.15		1261	7	4.41	190.		673	112	0.048		422	199	0.00	0.080	
9026		19.15	19.15		1216	7	4.25	184.		573	120	0.050		287	204	0.00	0.081	
9027		19.15	19.15		772	147	0.00	496.		501	147	0.060		318	167	0.00	0.067	
9028		19.15	19.15		1075	213	0.00	711.		1031	229	0.096		990	225	0.00	0.094	
9029		19.15	19.15		991	232	0.00	750.		1025	272	0.112		1023	273	0.00	0.113	
9030		19.15	19.15		729	254	0.00	769.		786	271	0.110		784	272	0.00	0.111	
9031		19.15	19.15		0.	384	0.00	1002.		0.	374	0.147		0.	364	0.00	0.143	
9032		19.15	19.15		0.	456	0.00	1192.		0.	457	0.180		0.	456	0.00	0.179	
9033		19.15	19.15		611	7	2.08	102.		286	6	0.005		169	13	0.00	0.007	
9034		19.15	19.15		272	16	0.49	80.		67	9	0.004		0.	14	0.00	0.006	
9036		19.15	19.15		786	6	2.73	123.		469	36	0.018		276	51	0.00	0.022	
9040		19.15	19.15		0.	-258	4.62	-69.		0.	-80	0.000		0.	-78	1.40	0.000	
9041		19.15	19.15		0.	-185	3.33	-50.		0.	-82	0.000		0.	-87	1.56	0.000	
9042		19.15	19.15		0.	-54	0.96	-14.		0.	-53	0.000		0.	-98	1.76	0.000	
9043		19.15	19.15		685	-291	6.61	-63.		531	-194	0.000		378	-98	2.52	0.000	
9044		19.15	19.15		676	-203	5.02	-40.		520	-155	0.000		367	-100	2.53	0.000	
9045		19.15	19.15		700	-68	2.65	-3.		531	-96	0.000		365	-109	2.70	0.000	
9046		19.15	19.15		948	-216	5.80	-37.		801	-175	0.000		662	-78	2.75	0.000	
9047		19.15	19.15		910	-157	4.67	-22.		758	-151	0.000		614	-72	2.55	0.000	
9048		19.15	19.15		930	-64	3.25	10.		739	-112	0.000		545	-68	2.33	0.000	
9049		19.15	19.15		783	-151	4.30	-23.		699	-157	0.000		644	-88	2.89	0.000	
9050		19.15	19.15		681	-116	3.48	-16.		593	-143	0.000		527	-71	2.36	0.000	
9051		19.15	19.15		839	-60	2.94	7.		705	-116	0.000		582	-48	2.10	0.000	
9052		19.15	19.15		650	-120	3.48	-18.		875	-110	0.000		859	-108	3.68	0.000	
9053		19.15	19.15		343	-96	2.43	-18.		602	-110	0.000		668	-84	2.87	0.000	
9054		19.15	19.15		66	-66	1.32	-16.		342	-89	0.000		462	-43	1.71	0.000	
9056		19.15	19.15		0.	-246	4.41	-66.		0.	-111	0.000		0.	-73	1.31	0.000	
9057		19.15	19.15		0.	-277	4.97	-74.		0.	-93	0.000		0.	-71	1.27	0.000	
9058		19.15	19.15		0.	-273	4.89	-73.		0.	-103	0.000		0.	-57	1.03	0.000	
9060		19.15	19.15		0.	-188	3.37	-51.		0.	-109	0.000		0.	-90	1.61	0.000	
9061		19.15	19.15		0.	-231	4.14	-62.		0.	-102	0.000		0.	-87	1.55	0.000	
9062		19.15	19.15		0.	-231	4.14	-62.		0.	-114	0.000		0.	-78	1.41	0.000	
9064		19.15	19.15		0.	-73	1.31	-20.		0.	-77	0.000		0.	-120	2.14	0.000	
9065		19.15	19.15		0.	-139	2.50	-37.		0.	-83	0.000		0.	-109	1.95	0.000	
9066		19.15	19.15		0.	-159	2.86	-43.		0.	-99	0.000		0.	-100	1.79	0.000	
9076		28.79	28.79		798	-373	7.88	-79.		1613	-397	0.000		1787	-322	8.87	0.000	
9077		28.79	28.79		2987	-371	11.97	-34.		1864	-291	0.000		706	-215	5.01	0.000	
9078		28.79	28.79		3262	-306	11.38	-12.		1979	-220	0.000		690	-138	3.66	0.000	
9079		19.15	21.56		2636	-266	10.03	-13.		1686	-183	0.000		735	-103	3.31	0.000	
9080		19.15	19.15		1678	-261	8.10	-33.		1123	-182	0.000		570	-106	3.07	0.000	
9081		19.15	19.15		1834	-234	7.94	-23.		1211	-171	0.000		588	-110	3.17	0.000	
9082		19.15	19.15		1847	-199	7.33	-13.		1305	-139	0.000		764	-81	3.02	0.000	
9083		19.15	19.15		1545	-202	6.77	-20.		1151	-144	0.000		758	-88	3.13	0.000	
9085		19.15	19.15		0.	-265	4.75	-71.		69	-192	0.000		173	-122	2.54	0.000	
9086		19.15	19.15		0.	-175	3.14	-47.		41	-144	0.000		164	-115	2.40	0.000	
9088		19.15	19.15		0.	-164	2.95	-44.		37	-138	0.000		163	-115	2.39	0.000	
9089		28.79	28.79		0.	-697	11.88	-178.		174	-578	0.000		2046	-484	12.13	0.000	
9090		28.79	28.79		1952	-657	14.89	-128.		1502	-549	0.000		1061	-445	9.60	0.000	
9091		28.79	28.79		2148	-536	13.20	-93.		1195	-443	0.000		514	-393	7.68	0.000	
9092		21.56	21.56		1531	-452	11.06	-87.		702	-387	0.000		145	-349	6.47	0.000	
9093		19.15	19.15		847	-386	8.64	-85.		249	-354	0.000		0.	-318	5.71	0.000	
9096		19.15	19.15		857	-286	6.88	-58.		557	-285	0.000		261	-288	5.69	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9098		19.15	19.15		738	-365	8.06	-82.1		289	-326	0.000		0.	-275	4.94	0.000	
9100		19.15	19.15		731	-343	7.64	-76.1		294	-319	0.000		12	-281	5.07	0.000	
9101		19.15	19.15		667	-321	7.12	-72.1		19	-343	0.000		0.	-317	5.68	0.000	
9102		19.15	19.15		720	-347	7.68	-77.1		343	-319	0.000		90	-266	4.95	0.000	
9104		19.15	19.15		731	-317	7.18	-69.1		356	-310	0.000		128	-273	5.15	0.000	
9105		19.15	19.15		711	-272	6.33	-58.1		132	-338	0.000		0.	-305	5.47	0.000	
9106		19.15	19.15		1183	-277	7.37	-48.1		894	-286	0.000		604	-281	6.28	0.000	
9107		19.15	19.15		1249	-318	8.25	-58.1		977	-298	0.000		699	-282	6.47	0.000	
9109		19.15	19.15		1190	-275	7.35	-48.1		920	-270	0.000		652	-269	6.16	0.000	
9110		28.79	28.79		0.	-648	11.05	-166.1		0.	-492	0.000		1270	-494	10.82	0.000	
9111		28.79	28.79		0.	-319	5.43	-81.1		0.	-329	0.000		0.	-343	5.85	0.000	
9112		28.79	28.79		1649	-535	12.24	-103.1		1302	-484	0.000		965	-438	9.29	0.000	
9113		28.79	28.79		1573	-473	11.04	-89.1		1175	-436	0.000		784	-337	7.23	0.000	
9114		28.79	28.79		2305	-451	12.05	-68.1		1344	-394	0.000		585	-371	7.43	0.000	
9115		28.79	28.79		2668	-377	11.48	-42.1		1675	-353	0.000		689	-322	6.79	0.000	
9116		21.56	21.56		1767	-415	10.88	-72.1		896	-359	0.000		242	-325	6.24	0.000	
9117		21.56	21.56		2115	-372	10.81	-53.1		1245	-327	0.000		380	-286	5.82	0.000	
9118		19.15	19.15		1032	-386	9.03	-81.1		422	-342	0.000		0.	-297	5.33	0.000	
9119		19.15	19.15		1306	-381	9.49	-74.1		711	-319	0.000		118	-259	4.89	0.000	
9121		19.15	19.15		883	-394	8.86	-87.1		357	-338	0.000		9	-266	4.78	0.000	
9123		19.15	19.15		783	-416	9.06	-95.1		416	-338	0.000		122	-246	4.67	0.000	
9124		19.15	19.15		857	-357	8.14	-77.1		565	-312	0.000		277	-270	5.40	0.000	
9125		19.15	19.15		830	-431	9.42	-98.1		563	-328	0.000		300	-228	4.71	0.000	
9126		19.15	19.15		1198	-356	8.83	-69.1		928	-313	0.000		653	-274	6.24	0.000	
9127		19.15	19.15		1031	-384	8.99	-81.1		811	-299	0.000		585	-216	5.07	0.000	
9128		19.15	19.15		736	-372	8.17	-84.1		370	-324	0.000		102	-257	4.83	0.000	
9129		19.15	19.15		746	-356	7.90	-79.1		268	-345	0.000		57	-275	5.05	0.000	
9130		19.15	19.15		733	-339	7.57	-75.1		351	-320	0.000		123	-269	5.08	0.000	
9132		19.15	19.15		772	-379	8.36	-85.1		333	-327	0.000		0.	-266	4.78	0.000	
9133		19.15	19.15		773	-366	8.15	-82.1		174	-345	0.000		0.	-289	5.19	0.000	
9134		19.15	19.15		750	-357	7.93	-80.1		306	-324	0.000		16	-276	4.98	0.000	
9136		28.79	28.79		0.	72	0.00	124.1		0.	128	0.023		0.	84	0.00	0.015	
9137		28.79	28.79		0.	82	0.00	142.1		0.	135	0.024		0.	107	0.00	0.019	
9140		28.79	28.79		0.	72	0.00	125.1		0.	116	0.021		0.	114	0.00	0.020	
9141		28.79	28.79		0.	65	0.00	113.1		0.	102	0.018		0.	109	0.00	0.019	
9144		28.79	28.79		0.	41	0.00	72.1		0.	66	0.012		0.	88	0.00	0.016	
9145		28.79	28.79		0.	15	0.00	26.1		0.	37	0.007		0.	68	0.00	0.012	
9148		28.79	28.79		0.	-11	0.18	-3.1		0.	5	0.001		0.	45	0.00	0.008	
9149		28.79	28.79		0.	-51	0.88	-13.1		0.	-34	0.000		0.	18	0.00	0.003	
9152		28.79	28.79		0.	-70	1.19	-18.1		0.	-53	0.000		0.	-2	0.03	0.000	
9153		28.79	28.79		0.	-85	1.45	-22.1		0.	-68	0.000		0.	-16	0.27	0.000	
9156		28.79	28.79		0.	-129	2.20	-33.1		0.	-94	0.000		0.	64	0.00	0.011	
9157		28.79	28.79		0.	-131	2.24	-34.1		0.	-92	0.000		0.	71	0.00	0.013	
9159		28.79	28.79		0.	-139	2.37	-36.1		0.	-97	0.000		0.	63	0.00	0.011	
9160		28.79	28.79		0.	-139	2.37	-36.1		0.	-105	0.000		0.	52	0.00	0.009	
9161		28.79	28.79		0.	-155	2.64	-40.1		0.	-121	0.000		0.	36	0.00	0.006	
9163		28.79	28.79		0.	-139	2.37	-35.1		0.	-101	0.000		0.	62	0.00	0.011	
9164		28.79	28.79		0.	-10	0.17	-3.1		0.	-3	0.000		0.	5	0.00	0.001	
9165		28.79	28.79		0.	-42	0.71	-11.1		0.	-32	0.000		0.	-21	0.37	0.000	
9167		28.79	28.79		0.	-157	2.68	-40.1		0.	-127	0.000		0.	19	0.00	0.003	
9168		28.79	28.79		0.	-86	1.47	-22.1		0.	-73	0.000		0.	-58	1.00	0.000	
9169		28.79	28.79		0.	-135	2.29	-34.1		0.	-112	0.000		0.	-90	1.53	0.000	
9171		28.79	28.79		0.	-67	1.15	-17.1		0.	-56	0.000		0.	-42	0.72	0.000	
9172		28.79	28.79		0.	-182	3.11	-47.1		0.	-158	0.000		0.	-128	2.18	0.000	
9173		28.79	28.79		0.	-156	2.66	-40.1		0.	-161	0.000		0.	-155	2.64	0.000	
9175		28.79	28.79		0.	-168	2.87	-43.1		0.	-141	0.000		0.	-112	1.92	0.000	
9176		28.79	28.79		0.	-76	1.29	-19.1		0.	-83	0.000		0.	-92	1.57	0.000	
9177		28.79	28.79		0.	-25	0.43	-6.1		0.	-38	0.000		0.	-53	0.91	0.000	
9179		28.79	28.79		0.	-125	2.13	-32.1		0.	-131	0.000		0.	-141	2.40	0.000	
9180		28.79	28.79		0.	-75	1.28	-19.1		0.	-36	0.000		0.	43	0.00	0.008	
9181		28.79	28.79		0.	-39	0.66	-10.1		0.	12	0.002		0.	96	0.00	0.017	
9183		28.79	28.79		0.	-119	2.03	-30.1		0.	-85	0.000		0.	-12	0.20	0.000	
9191		28.79	28.79		1230	-238	6.38	-36.1		108	-206	0.000		0.	-191	3.26	0.000	
9192		21.56	21.56		1539	-234	7.21	-29.1		719	-206	0.000		0.	-182	3.22	0.000	
9193		19.15	19.15		1058	-256	6.74	-46.1		549	-228	0.000		42	-203	3.72	0.000	
9194		19.15	19.15		542	-313	6.71	-72.1		253	-275	0.000		0.	-242	4.34	0.000	
9195		19.15	19.15		49	-348	6.34	-93.1		0.	-293	0.000		0.	-274	4.91	0.000	
9197		28.79	28.79		1321	-179	5.56	-19.1		208	-174	0.000		0.	-164	2.80	0.000	
9198		21.56	21.56		1376	-181	5.96	-18.1		636	-167	0.000		0.	-156	2.75	0.000	
9199		19.15	19.15		965	-227	6.04	-40.1		485	-200	0.000		25	-175	3.20	0.000	
9200		19.15	19.15		482	-297	6.31	-69.1		208	-253	0.000		0.	-214	3.83	0.000	
9201		19.15	19.15		99	-363	6.72	-96.1		0.	-282	0.000		0.	-257	4.60	0.000	
9203		28.79	28.79		1412	-144	5.12	-8.1		227	-155	0.000		0.	-145	2.47	0.000	
9204		21.56	21.56		1364	-155	5.46	-12.1		659	-145	0.000		0.	-138	2.44	0.000	
9205		19.15	19.15		939	-214	5.76	-37.1		466	-185	0.000		32	-159	2.92	0.000	
9206		19.15	19.15		463	-292	6.19	-68.1		206	-244	0.000		1	-199	3.57	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9207		19.15	19.15		132	-346	6.47	-90.		0.	-264	0.000		0.	-237	4.25	0.000	
9209		28.79	28.79		1810	-80	5.66	51.		518	-123	0.000		0.	-110	1.88	0.000	
9210		21.56	21.56		1623	-97	5.51	27.		801	-98	0.000		0.	-100	1.78	0.000	
9211		19.15	19.15		1010	-180	5.29	-26.		526	-151	0.000		45	-124	2.31	0.000	
9212		19.15	19.15		438	-266	5.66	-62.		214	-213	0.000		0.	-162	2.91	0.000	
9213		19.15	19.15		168	-292	5.58	-75.		0.	-216	0.000		0.	-189	3.40	0.000	
9215		19.15	19.15		0.	36	0.00	95.		0.	14	0.005		0.	11	0.00	0.004	
9216		19.15	19.15		0.	32	0.00	83.		0.	16	0.006		0.	14	0.00	0.006	
9217		19.15	19.15		0.	13	0.00	33.		0.	1	0.001		0.	1	0.00	0.000	
9218		28.79	28.79		0.	-29	0.50	-8.		0.	-26	0.000		0.	165	0.00	0.029	
9219		28.79	28.79		4031	312	0.00	930.		3200	365	0.076		2372	431	0.00	0.084	
9220		26.38	26.38		3856	504	0.00	1361.		3019	530	0.122		2187	546	0.00	0.122	
9224		28.79	28.79		0.	-68	1.15	-17.		0.	-51	0.000		0.	137	0.00	0.024	
9225		28.79	28.79		3934	308	0.00	914.		3121	359	0.074		2312	423	0.00	0.082	
9226		26.38	26.38		3902	504	0.00	1365.		3057	530	0.122		2217	547	0.00	0.122	
9230		28.79	28.79		0.	-111	1.90	-28.		0.	-59	0.000		0.	135	0.00	0.024	
9231		28.79	28.79		3991	291	1.63	890.		3154	352	0.073		2321	424	0.00	0.082	
9232		26.38	26.38		3911	500	0.00	1359.		3062	529	0.122		2218	550	0.00	0.123	
9236		28.79	28.79		3975	-808	21.30	-126.		4633	-682	0.000		4612	-679	20.30	0.000	
9237		28.79	28.79		3595	-798	20.41	-131.		3907	-671	0.000		3889	-668	18.74	0.000	
9238		21.56	21.56		2973	-787	19.87	-145.		2892	-660	0.000		2881	-657	17.39	0.000	
9239		19.15	19.15		2552	-813	19.79	-163.		2201	-725	0.000		1863	-645	15.36	0.000	
9240		19.15	19.15		2230	-803	18.94	-167.		1540	-714	0.000		850	-634	13.11	0.000	
9241		19.15	19.15		2037	-783	18.19	-166.		492	-642	0.000		0.	-618	11.09	0.000	
9242		19.15	19.15		0.	-221	3.97	-60.		0.	-99	0.000		0.	-57	1.03	0.000	
9243		19.15	19.15		0.	-260	4.67	-70.		0.	-98	0.000		0.	-53	0.96	0.000	
9245		19.15	19.15		0.	-163	2.93	-44.		0.	-30	0.000		0.	-11	0.20	0.000	
9246		19.15	19.15		0.	-322	5.78	-87.		0.	-148	0.000		0.	-74	1.34	0.000	
9247		19.15	19.15		0.	-340	6.09	-91.		0.	-134	0.000		0.	-80	1.44	0.000	
9249		19.15	19.15		0.	-305	5.46	-82.		0.	-107	0.000		0.	-59	1.06	0.000	
9250		19.15	19.15		0.	-306	5.49	-82.		0.	-179	0.000		0.	-90	1.62	0.000	
9251		19.15	19.15		0.	-280	5.03	-75.		0.	-165	0.000		0.	-106	1.91	0.000	
9253		19.15	19.15		0.	-342	6.14	-92.		0.	-142	0.000		0.	-85	1.53	0.000	
9254		28.79	28.79		4930	-366	16.14	24.		6225	-286	0.009		6193	-284	19.39	0.009	
9255		28.79	28.79		3114	-345	11.77	-25.		4677	-180	0.009		4804	-137	14.92	0.012	
9256		28.79	28.79		1049	-231	5.92	-38.		2990	-43	0.011		3244	83	7.99	0.028	
9257		28.79	28.79		3057	-524	14.73	-72.		3102	-309	0.000		3045	-233	10.04	0.001	
9258		28.79	28.79		2992	-405	12.57	-43.		2602	-194	0.001		2490	-104	7.78	0.004	
9259		28.79	28.79		2751	-301	10.34	-21.		2035	-63	0.005		1886	67	4.15	0.020	
9260		28.79	28.79		2665	-664	16.37	-115.		2125	-431	0.000		1591	-203	6.48	0.000	
9261		28.79	28.79		2804	-483	13.54	-66.		2098	-297	0.000		1394	-114	4.67	0.000	
9262		28.79	28.79		2893	-330	11.09	-25.		2028	-162	0.000		1160	3	3.34	0.006	
9263		19.15	19.15		2399	-629	16.16	-116.		1701	-436	0.000		1088	-193	5.67	0.000	
9264		19.15	19.15		2428	-495	13.82	-80.		1617	-319	0.000		801	-140	4.14	0.000	
9265		19.15	19.15		2473	-338	11.11	-37.		1600	-204	0.000		720	-72	2.75	0.000	
9266		19.15	19.15		2212	-603	15.32	-114.		1649	-458	0.000		1091	-197	5.76	0.000	
9267		19.15	19.15		2036	-433	11.91	-72.		1440	-350	0.000		847	-172	4.80	0.000	
9268		19.15	19.15		1845	-257	8.37	-29.		1226	-247	0.000		608	-139	3.73	0.000	
9269		19.15	19.15		2249	-599	15.32	-112.		1756	-434	0.000		1269	-203	6.22	0.000	
9270		19.15	19.15		1908	-397	11.01	-65.		1411	-333	0.000		933	-193	5.36	0.000	
9271		19.15	19.15		1570	-183	6.48	-15.		1088	-221	0.000		609	-180	4.48	0.000	
9275		19.15	19.15		2407	-598	15.62	-108.		1941	-418	0.000		1485	-195	6.52	0.000	
9276		19.15	19.15		2472	-513	14.24	-84.		2003	-378	0.000		1543	-192	6.58	0.000	
9278		19.15	19.15		2774	-655	17.40	-115.		2233	-449	0.000		1700	-191	6.90	0.000	
9279		19.15	19.15		1562	-185	6.51	-16.		1249	-200	0.000		944	-181	5.16	0.000	
9280		19.15	19.15		1527	-97	5.32	22.		1233	-161	0.000		947	-180	5.15	0.000	
9282		19.15	19.15		1974	-227	8.08	-18.		1605	-231	0.000		1244	-184	5.84	0.000	
9283		19.15	19.15		1912	-367	10.48	-57.		1532	-300	0.000		1160	-187	5.71	0.000	
9286		19.15	19.15		2238	-427	12.22	-66.		1805	-332	0.000		1380	-188	6.18	0.000	
9362		28.79	28.79		0.	-135	2.30	-35.		0.	-110	0.000		0.	-39	0.67	0.000	
9363		28.79	28.79		0.	-145	2.47	-37.		0.	-115	0.000		0.	-35	0.59	0.000	
9365		28.79	28.79		0.	-127	2.16	-32.		0.	-101	0.000		0.	-34	0.59	0.000	
9366		28.79	28.79		0.	-145	2.47	-37.		0.	-114	0.000		0.	-23	0.38	0.000	
9367		28.79	28.79		0.	-148	2.52	-38.		0.	-109	0.000		0.	-5	0.09	0.000	
9369		28.79	28.79		0.	-144	2.46	-37.		0.	-112	0.000		0.	-26	0.44	0.000	
9370		28.79	28.79		0.	-134	2.28	-34.		0.	-97	0.000		0.	20	0.00	0.004	
9371		28.79	28.79		0.	-134	2.29	-34.		0.	-89	0.000		0.	42	0.00	0.007	
9373		28.79	28.79		0.	-140	2.38	-36.		0.	-99	0.000		0.	12	0.00	0.002	
9374		28.79	28.79		0.	-136	2.32	-35.		0.	-95	0.000		0.	51	0.00	0.009	
9375		28.79	28.79		0.	-146	2.50	-37.		0.	-100	0.000		0.	58	0.00	0.010	
9377		28.79	28.79		0.	-140	2.38	-36.		0.	-92	0.000		0.	50	0.00	0.009	
9379		28.79	28.79		0.	-167	2.85	-43.		0.	-180	0.000		0.	-196	3.35	0.000	
9380		28.79	28.79		0.	-128	2.18	-33.		0.	-175	0.000		0.	-225	3.83	0.000	
9381		28.79	28.79		0.	-145	2.47	-37.		0.	-177	0.000		0.	-212	3.62	0.000	
9383		28.79	28.79		0.	-209	3.57	-54.		0.	-191	0.000		0.	-175	2.98	0.000	
9384		28.79	28.79		0.	-161	2.75	-41.		0.	-178	0.000		0.	-199	3.39	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9385		28.79	28.79		0.	-178	3.04	-46.		0.	-182	0.000		0.	-188	3.20	0.000
9387		28.79	28.79		0.	-162	2.77	-41.		0.	-169	0.000		0.	-157	2.67	0.000
9388		28.79	28.79		0.	-160	2.74	-41.		0.	-169	0.000		0.	-180	3.07	0.000
9389		28.79	28.79		0.	-209	3.57	-54.		0.	-191	0.000		0.	-175	2.98	0.000
9391		28.79	28.79		0.	-31	0.54	-8.		0.	-88	0.000		0.	-136	2.33	0.000
9392		28.79	28.79		0.	-20	0.34	-5.		0.	-82	0.000		0.	-145	2.48	0.000
9393		28.79	28.79		0.	-116	1.98	-30.		0.	-140	0.000		0.	-155	2.64	0.000

ARMATURA SUPERIORE ORIZZONTALE

GUSCI	COMBINAZIONE RARA			COMB. FREQUENTE			COMB. QUASI PERMANENTE										
	Af	Afc	Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP				
2022		19.30	19.30		0.	-26	0.47	-7.		0.	-25	0.000		0.	-5	0.09	0.000
2024		19.30	19.30		0.	7	0.00	19.		0.	-6	0.000		0.	-7	0.13	0.000
2025		19.30	19.30		0.	-9	0.17	-3.		0.	-18	0.000		0.	-17	0.30	0.000
2026		19.30	19.30		0.	78	0.00	202.		0.	28	0.011		0.	-3	0.06	0.000
2027		19.30	19.30		0.	13	0.00	33.		0.	6	0.002		0.	12	0.00	0.005
2028		19.30	19.30		0.	116	0.00	301.		0.	13	0.005		0.	-33	0.58	0.000
2029		19.30	19.30		0.	34	0.00	88.		0.	19	0.007		0.	-5	0.10	0.000
2030		19.30	19.30		0.	79	0.00	206.		0.	-18	0.000		0.	-18	0.33	0.000
2031		19.30	19.30		297	44	0.00	158.		199	-5	0.001		102	32	0.00	0.013
2032		19.30	19.30		138	36	0.00	114.		62	-35	0.000		0.	-20	0.36	0.000
2033		19.30	19.30		406	27	0.50	127.		291	10	0.006		180	58	0.00	0.024
2035		19.30	19.30		212	-73	0.89	-24.		118	-74	0.000		172	-66	0.83	0.000
2036		19.30	19.30		0.	16	0.00	42.		0.	-10	0.000		0.	-32	0.57	0.000
2037		19.30	19.30		152	-21	0.07	-9.		0.	-15	0.000		0.	-13	0.24	0.000
2038		19.30	19.30		6	21	0.00	56.		0.	-8	0.000		0.	-8	0.14	0.000
2039		19.30	19.30		65	29	0.00	86.		0.	-4	0.000		0.	-5	0.09	0.000
2040		19.30	19.30		0.	0.	0.00	1.		0.	1	0.000		0.	1	0.00	0.000
2041		19.30	19.30		0.	13	0.00	34.		0.	-6	0.000		0.	5	0.00	0.002
2042		19.30	19.30		115	10	0.00	43.		0.	-2	0.000		0.	-4	0.06	0.000
2043		19.30	19.30		3	22	0.00	58.		0.	-8	0.000		0.	-4	0.07	0.000
2044		19.30	19.30		158	14	0.00	59.		73	5	0.003		86	-4	0.30	0.000
2045		19.30	19.30		0.	37	0.00	97.		0.	-6	0.000		0.	-1	0.02	0.000
2046		19.30	19.30		0.	-65	1.17	-18.		17	-38	0.000		92	-9	0.02	0.000
2048		19.30	19.30		0.	-27	0.48	-7.		0.	-31	0.000		99	-3	0.36	0.001
2049		19.30	19.30		0.	-3	0.06	-1.		69	-14	0.000		123	34	0.00	0.014
2050		19.30	19.30		0.	27	0.00	71.		162	35	0.014		235	64	0.00	0.026
2051		19.30	19.30		0.	18	0.00	46.		232	74	0.030		303	108	0.00	0.043
2052		19.30	19.30		0.	5	0.00	14.		513	75	0.032		567	96	0.00	0.041
2053		19.30	19.30		0.	3	0.00	9.		232	72	0.029		376	110	0.00	0.044
2054		19.30	19.30		148	-12	0.54	0.		494	79	0.034		513	81	0.00	0.035
2055		19.30	19.30		183	-13	0.64	2.		204	75	0.030		207	90	0.00	0.036
2056		19.30	19.30		364	-19	1.27	10.		496	65	0.028		458	69	0.00	0.030
2057		19.30	19.30		482	0.	1.71	65.		227	55	0.022		200	77	0.00	0.031
2059		19.30	19.30		0.	-42	0.76	-11.		0.	-9	0.000		0.	-21	0.37	0.000
2060		19.30	19.30		0.	-17	0.31	-5.		0.	-8	0.000		0.	-18	0.33	0.000
2061		19.30	19.30		0.	-21	0.37	-6.		0.	-9	0.000		0.	-4	0.08	0.000
2062		19.30	19.30		0.	2	0.00	4.		0.	0.	0.000		0.	-2	0.03	0.000
2063		19.30	19.30		0.	6	0.00	15.		0.	6	0.002		0.	6	0.00	0.002
2064		19.30	19.30		0.	-6	0.10	-2.		0.	-6	0.000		0.	-3	0.05	0.000
2065		19.30	19.30		0.	-10	0.17	-3.		0.	-8	0.000		0.	-8	0.15	0.000
2066		19.30	19.30		0.	-22	0.39	-6.		0.	-1	0.000		0.	-15	0.26	0.000
2067		19.30	19.30		114	-25	0.22	-9.		78	-31	0.000		41	-28	0.41	0.000
2068		19.30	19.30		0.	-33	0.58	-9.		0.	-3	0.000		0.	-18	0.31	0.000
2069		19.30	19.30		213	-34	0.17	-14.		202	-42	0.000		206	-50	0.47	0.000
2070		19.30	19.30		342	-60	0.39	-24.		373	-24	0.000		422	-41	0.12	0.000
2072		19.30	19.30		421	-45	0.04	-21.		456	-21	0.001		503	-22	1.78	0.002
2073		19.30	19.30		13	-48	0.83	-13.		66	-23	0.000		121	-26	0.23	0.000
2074		19.30	19.30		620	-6	2.25	68.		649	-7	0.005		683	-6	2.47	0.006
2075		19.30	19.30		216	-6	0.78	16.		261	-4	0.002		371	-1	1.33	0.004
2076		19.30	19.30		742	-21	2.69	51.		791	-20	0.005		916	-17	3.34	0.006
2077		19.30	19.30		220	-11	0.77	7.		274	-9	0.001		387	-7	1.41	0.003
2078		19.30	19.30		529	-10	1.93	46.		569	-3	0.005		645	-31	2.26	0.002
2079		19.30	19.30		37	-25	0.37	-7.		65	-21	0.000		92	-19	0.15	0.000
2080		19.30	19.30		379	-15	1.35	17.		405	-9	0.003		462	-39	1.67	0.000
2081		19.30	19.30		0.	-29	0.52	-8.		0.	-24	0.000		0.	-23	0.42	0.000
2083		19.30	19.30		0.	-11	0.19	-3.		0.	48	0.018		0.	86	0.00	0.033
2084		19.30	19.30		0.	-75	1.35	-20.		0.	-24	0.000		0.	28	0.00	0.011
2085		19.30	19.30		0.	-18	0.32	-5.		0.	-18	0.000		0.	28	0.00	0.011
2086		19.30	19.30		0.	-45	0.80	-12.		0.	-14	0.000		0.	17	0.00	0.007
2087		19.30	19.30		0.	-25	0.44	-7.		0.	-55	0.000		0.	-21	0.38	0.000
2088		19.30	19.30		0.	-3	0.06	-1.		0.	20	0.008		0.	43	0.00	0.017
2089		19.30	19.30		0.	-81	1.46	-22.		0.	-70	0.000		0.	-32	0.57	0.000
2090		19.30	19.30		0.	76	0.00	198.		0.	94	0.036		0.	111	0.00	0.043
2091		19.30	19.30		0.	-21	0.38	-6.		0.	7	0.003		0.	35	0.00	0.013

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2092		19.30	19.30		148	131	0.00	361.1		85	145	0.056		29	159	0.00	0.062	
2093		19.30	19.30		0.	44	0.00	114.1		0.	65	0.025		0.	87	0.00	0.033	
2094		19.30	19.30		0.	95	0.00	247.1		0.	126	0.049		0.	150	0.00	0.058	
2096		19.30	19.30		0.	52	0.00	134.1		0.	75	0.029		0.	96	0.00	0.037	
2097		19.30	19.30		0.	24	0.00	61.1		0.	63	0.024		0.	72	0.00	0.028	
2098		19.30	19.30		0.	-10	0.18	-3.1		0.	14	0.005		0.	20	0.00	0.008	
2099		19.30	19.30		0.	-20	0.36	-5.1		0.	8	0.003		0.	15	0.00	0.006	
2100		19.30	19.30		0.	-106	1.89	-28.1		0.	-89	0.000		0.	-82	1.48	0.000	
2101		19.30	19.30		135	-4	0.49	9.1		0.	-28	0.000		0.	-30	0.53	0.000	
2102		19.30	19.30		113	-34	0.38	-12.1		0.	-48	0.000		0.	-55	0.99	0.000	
2103		19.30	19.30		217	80	0.00	239.1		0.	56	0.022		0.	45	0.00	0.017	
2104		19.30	19.30		156	28	0.00	96.1		0.	13	0.005		0.	-1	0.01	0.000	
2105		19.30	19.30		214	158	0.00	440.1		19	131	0.051		0.	110	0.00	0.042	
2107		19.30	19.30		0.	73	0.00	189.1		0.	15	0.006		0.	-20	0.36	0.000	
2108		19.30	19.30		0.	101	0.00	261.1		0.	6	0.002		0.	-43	0.78	0.000	
2109		19.30	19.30		0.	82	0.00	213.1		0.	5	0.002		0.	-50	0.90	0.000	
2110		19.30	19.30		0.	98	0.00	253.1		0.	-21	0.000		0.	-62	1.11	0.000	
2111		19.30	19.30		0.	52	0.00	136.1		0.	-37	0.000		0.	-90	1.62	0.000	
2112		19.30	19.30		0.	94	0.00	243.1		0.	-10	0.000		0.	-11	0.20	0.000	
2113		19.30	19.30		0.	57	0.00	148.1		0.	-34	0.000		0.	-33	0.59	0.000	
2114		19.30	19.30		0.	102	0.00	264.1		0.	-16	0.000		0.	17	0.00	0.007	
2115		19.30	19.30		0.	75	0.00	194.1		0.	-6	0.000		0.	10	0.00	0.004	
2116		19.30	19.30		0.	106	0.00	274.1		0.	-2	0.000		0.	47	0.00	0.018	
2117		19.30	19.30		0.	82	0.00	212.1		0.	2	0.001		0.	54	0.00	0.021	
3632		19.30	19.30		0.	-212	3.81	-57.1		10	-187	0.000		174	-99	1.41	0.000	
3633		19.30	19.30		306	-162	2.28	-50.1		377	-199	0.000		376	-198	2.79	0.000	
3634		19.30	19.30		441	-111	1.09	-40.1		494	-245	0.000		493	-245	3.39	0.000	
3641		19.30	19.30		144	-37	0.37	-13.1		291	54	0.023		292	54	0.00	0.023	
3643		19.30	19.30		459	-231	3.20	-72.1		634	-10	0.005		633	-10	2.30	0.005	
3644		19.30	19.30		870	-300	3.60	-100.1		1036	-109	0.000		1035	-109	0.15	0.000	
3645		19.30	19.30		1061	-257	2.45	-92.1		1161	-171	0.000		1161	-171	0.71	0.000	
3647		19.30	19.30		0.	-119	2.13	-32.1		0.	-79	0.000		20	-38	0.65	0.000	
3648		19.30	19.30		246	-385	6.39	-109.1		549	-234	0.000		559	-154	1.63	0.000	
3649		19.30	19.30		603	-348	5.00	-107.1		657	-202	0.000		656	-203	2.30	0.000	
3650		19.30	19.30		472	-376	5.78	-111.1		557	-180	0.000		557	-180	2.09	0.000	
3651		19.30	19.30		832	-331	4.23	-107.1		1061	-117	0.000		1062	-117	0.07	0.000	
3654		19.30	19.30		201	-100	1.39	-31.1		276	-36	0.000		366	-3	1.32	0.003	
3657		19.30	19.30		1724	-123	6.05	15.1		1706	-61	0.007		1702	-63	6.08	0.007	
3658		19.30	19.30		1486	-451	5.07	-154.1		1338	-333	0.000		1195	-212	1.38	0.000	
3659		19.30	19.30		1410	-516	6.38	-170.1		1304	-306	0.000		1301	-307	2.85	0.000	
3663		19.30	19.30		0.	-33	0.59	-9.1		0.	-32	0.000		0.	-3	0.06	0.000	
3664		19.30	19.30		0.	-18	0.32	-5.1		0.	-9	0.000		0.	3	0.00	0.001	
3665		19.30	19.30		0.	55	0.00	142.1		0.	-2	0.000		0.	-16	0.29	0.000	
3666		19.30	19.30		0.	66	0.00	172.1		0.	3	0.001		0.	-2	0.04	0.000	
3668		19.30	19.30		0.	28	0.00	74.1		0.	90	0.035		0.	104	0.00	0.040	
3670		19.30	19.30		0.	23	0.00	60.1		0.	77	0.030		0.	88	0.00	0.034	
3671		19.30	19.30		0.	48	0.00	125.1		0.	86	0.033		0.	93	0.00	0.036	
3672		19.30	19.30		0.	-58	1.05	-16.1		0.	-33	0.000		7	-1	0.01	0.000	
3674		19.30	19.30		0.	-67	1.19	-18.1		2	-36	0.000		72	-3	0.25	0.000	
3675		19.30	19.30		0.	-52	0.94	-14.1		0.	-25	0.000		45	-44	0.69	0.000	
3676		19.30	19.30		0.	-37	0.67	-10.1		0.	1	0.000		0.	45	0.00	0.017	
3677		19.30	19.30		0.	-57	1.02	-15.1		0.	-9	0.000		0.	34	0.00	0.013	
3678		19.30	19.30		0.	-60	1.07	-16.1		0.	-11	0.000		0.	42	0.00	0.016	
3679		19.30	19.30		128	-3	0.47	10.1		225	-65	0.000		218	-32	0.13	0.000	
3681		19.30	19.30		8	-3	0.04	-1.1		170	-46	0.000		184	-3	0.67	0.001	
3682		19.30	19.30		0.	-3	0.05	-1.1		121	-53	0.000		152	-13	0.07	0.000	
3683		19.30	19.30		0.	-48	0.87	-13.1		0.	-21	0.000		0.	-30	0.54	0.000	
3684		19.30	19.30		0.	-34	0.61	-9.1		0.	-15	0.000		0.	0.	0.01	0.000	
3685		19.30	19.30		0.	-45	0.81	-12.1		0.	-19	0.000		0.	-28	0.50	0.000	
3687		19.30	19.30		0.	-25	0.46	-7.1		0.	-25	0.000		0.	-1	0.02	0.000	
3689		19.30	19.30		0.	-47	0.84	-13.1		0.	-4	0.000		0.	-11	0.20	0.000	
3690		19.30	19.30		0.	-71	1.27	-19.1		0.	-8	0.000		0.	-1	0.02	0.000	
3691		19.30	19.30		73	-58	0.89	-17.1		81	-89	0.000		112	-87	1.33	0.000	
3692		19.30	19.30		31	0.	0.11	4.1		16	-59	0.000		50	-73	1.21	0.000	
3693		19.30	19.30		39	-25	0.37	-8.1		0.	-73	0.000		10	-75	1.32	0.000	
4478		19.30	19.30		2584	-504	3.78	-192.1		1363	-163	0.000		166	272	0.00	0.106	
4479		19.30	19.30		287	-554	9.34	-155.1		0.	-5	0.000		0.	395	0.00	0.153	
4485		19.30	19.30		0.	-1035	18.56	-278.1		0.	-456	0.000		0.	81	0.00	0.031	
4486		19.30	19.30		1087	-952	14.85	-280.1		722	-394	0.000		366	132	0.00	0.053	
4500		19.30	19.30		2505	-440	2.80	-173.1		1284	-128	0.000		208	141	0.00	0.055	
4501		19.30	19.30		275	-537	9.06	-150.1		0.	-25	0.000		0.	393	0.00	0.152	
4507		19.30	19.30		0.	-1044	18.72	-281.1		0.	-463	0.000		0.	74	0.00	0.029	
4519		19.30	19.30		3959	-674	4.03	-268.1		2868	-287	0.000		1697	199	0.00	0.089	
4521		19.30	19.30		0.	-651	11.66	-175.1		646	-20	0.003		1676	79	3.92	0.044	
4522		19.30	19.30		0.	-614	11.00	-165.1		998	-139	0.000		1525	70	3.63	0.040	
4526		19.30	19.30		0.	-604	10.83	-162.1		524	-190	0.000		967	33	2.73	0.021	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4527		19.30	19.30		0.	-557	9.98	-150.		34	-177	0.000		703	16	2.22	0.013	
4529		19.30	19.30		0.	-704	12.62	-189.		571	-139	0.000		1084	48	2.64	0.028	
4531		19.30	19.30		0.	-752	13.47	-202.		0.	-195	0.000		0.	366	0.00	0.142	
4532		19.30	19.30		0.	-736	13.20	-198.		0.	-189	0.000		0.	361	0.00	0.140	
4533		19.30	19.30		528	-741	12.21	-211.		395	-191	0.000		264	363	0.00	0.141	
4535		19.30	19.30		0.	-825	14.79	-222.		0.	-259	0.000		0.	310	0.00	0.120	
4536		19.30	19.30		0.	-815	14.60	-219.		0.	-253	0.000		0.	311	0.00	0.120	
4537		19.30	19.30		592	-789	12.95	-225.		471	-226	0.000		352	341	0.00	0.133	
4539		19.30	19.30		0.	-886	15.88	-238.		0.	-315	0.000		0.	259	0.00	0.100	
4540		19.30	19.30		0.	-879	15.76	-236.		0.	-309	0.000		0.	263	0.00	0.102	
4541		19.30	19.30		547	-866	14.40	-245.		442	-295	0.000		339	279	0.00	0.109	
4543		19.30	19.30		0.	-966	17.32	-260.		0.	-387	0.000		0.	178	0.00	0.069	
4544		19.30	19.30		0.	-952	17.06	-256.		0.	-373	0.000		0.	201	0.00	0.078	
4545		19.30	19.30		261	-939	16.30	-258.		194	-363	0.000		126	213	0.00	0.083	
4547		19.30	19.30		0.	-1013	18.15	-272.		0.	-426	0.000		0.	129	0.00	0.050	
4548		19.30	19.30		0.	-1010	18.10	-271.		0.	-424	0.000		0.	135	0.00	0.052	
4549		19.30	19.30		0.	-991	17.76	-266.		0.	-410	0.000		0.	147	0.00	0.057	
4551		19.30	19.30		0.	-1270	22.76	-341.		0.	-524	0.000		0.	225	0.00	0.087	
4552		19.30	19.30		0.	-1265	22.68	-340.		0.	-521	0.000		0.	227	0.00	0.088	
4553		19.30	19.30		61	-1265	22.56	-342.		0.	-520	0.000		0.	229	0.00	0.089	
4555		19.30	19.30		0.	-1339	24.00	-360.		0.	-588	0.000		0.	130	0.00	0.050	
4556		19.30	19.30		0.	-1322	23.70	-355.		0.	-574	0.000		0.	151	0.00	0.058	
4557		19.30	19.30		0.	-1326	23.76	-356.		0.	-576	0.000		0.	156	0.00	0.060	
4559		19.30	19.30		0.	-1409	25.25	-379.		0.	-655	0.000		0.	46	0.00	0.018	
4560		19.30	19.30		0.	-1382	24.77	-371.		0.	-631	0.000		0.	68	0.00	0.026	
4561		19.30	19.30		0.	-1395	25.00	-375.		0.	-642	0.000		0.	59	0.00	0.023	
4563		19.30	19.30		0.	-1500	26.88	-403.		0.	-741	0.000		0.	-13	0.23	0.000	
4564		19.30	19.30		0.	-1426	25.56	-383.		0.	-678	0.000		0.	30	0.00	0.012	
4565		19.30	19.30		0.	-1444	25.88	-388.		0.	-689	0.000		0.	16	0.00	0.006	
4566		19.30	19.30		1178	-905	13.83	-269.		979	-323	0.000		659	261	0.00	0.104	
4567		19.30	19.30		520	-1273	21.76	-354.		560	-553	0.000		489	168	0.00	0.068	
4568		19.30	19.30		850	-1227	20.27	-349.		470	-487	0.000		110	256	0.00	0.100	
4569		19.30	19.30		0.	-1213	21.75	-326.		0.	-284	0.000		0.	275	0.00	0.107	
4570		19.30	19.30		0.	-1265	22.68	-340.		0.	-683	0.000		0.	24	0.00	0.009	
4571		19.30	19.30		0.	-1254	22.48	-337.		0.	-554	0.000		0.	104	0.00	0.040	
4572		19.30	19.30		3019	-873	9.50	-301.		2139	-394	0.000		1082	245	0.00	0.101	
4573		19.30	19.30		100	-758	13.37	-206.		1285	-42	0.006		1841	270	0.00	0.116	
4773		19.30	19.30		0.	-764	13.69	-205.		147	-183	0.000		656	220	0.00	0.088	
4775		19.30	19.30		0.	-625	11.19	-168.		0.	-230	0.000		0.	161	0.00	0.062	
4776		19.30	19.30		724	-672	10.57	-197.		745	-117	0.000		896	228	0.00	0.093	
8966		19.30	19.30		93	-21	0.19	-8.		222	71	0.029		223	71	0.00	0.029	
8967		19.30	19.30		40	-13	0.15	-4.		156	76	0.030		159	78	0.00	0.031	
8968		19.30	19.30		0.	29	0.00	75.		198	89	0.035		266	117	0.00	0.046	
8969		19.30	19.30		0.	10	0.00	25.		61	41	0.016		193	99	0.00	0.039	
8970		19.30	19.30		1	-4	0.08	-1.		0.	23	0.009		0.	66	0.00	0.026	
8971		19.30	19.30		49	-8	0.04	-3.		0.	21	0.008		0.	52	0.00	0.020	
8972		19.30	19.30		147	-14	0.05	-7.		245	57	0.024		247	57	0.00	0.023	
8973		19.30	19.30		103	-1	0.37	10.		174	55	0.022		167	55	0.00	0.022	
8974		19.30	19.30		30	10	0.00	31.		178	54	0.022		221	60	0.00	0.024	
8975		19.30	19.30		0.	2	0.00	6.		14	5	0.002		87	12	0.00	0.005	
8976		19.30	19.30		0.	-12	0.21	-3.		0.	-9	0.000		0.	-2	0.03	0.000	
8977		19.30	19.30		0.	-10	0.18	-3.		0.	-8	0.000		0.	-3	0.05	0.000	
8978		19.30	19.30		219	-72	0.85	-24.		359	19	0.010		361	19	0.74	0.010	
8979		19.30	19.30		625	-149	1.40	-54.		973	126	0.055		975	126	0.00	0.055	
8981		19.30	19.30		185	-19	0.03	-9.		302	70	0.029		304	70	0.00	0.029	
8982		19.30	19.30		0.	-60	1.07	-16.		0.	-52	0.000		0.	-42	0.76	0.000	
8983		19.30	19.30		0.	-44	0.79	-12.		0.	-41	0.000		0.	-35	0.64	0.000	
8984		19.30	19.30		0.	1	0.00	3.		0.	-1	0.000		24	-3	0.00	0.000	
8985		19.30	19.30		0.	0.	0.00	0.		0.	0.	0.000		0.	1	0.00	0.000	
8986		19.30	19.30		0.	-10	0.18	-3.		0.	-13	0.000		0.	0.	0.00	0.000	
8987		19.30	19.30		0.	-18	0.32	-5.		0.	-21	0.000		0.	-25	0.44	0.000	
8988		19.30	19.30		263	-280	4.49	-81.		363	-154	0.000		455	-27	1.58	0.001	
8989		19.30	19.30		0.	-62	1.12	-17.		0.	-59	0.000		0.	-54	0.97	0.000	
8991		19.30	19.30		58	-269	4.71	-74.		160	-222	0.000		196	-174	2.72	0.000	
8992		19.30	19.30		0.	-16	0.29	-4.		0.	-13	0.000		0.	-17	0.30	0.000	
8993		19.30	19.30		0.	-17	0.31	-5.		0.	-14	0.000		0.	-16	0.29	0.000	
8994		19.30	19.30		62	-2	0.22	4.		95	-1	0.001		175	0.	0.62	0.002	
8995		19.30	19.30		0.	42	0.00	109.		0.	43	0.017		0.	42	0.00	0.016	
8996		19.30	19.30		0.	55	0.00	142.		0.	63	0.024		0.	73	0.00	0.028	
8997		19.30	19.30		0.	87	0.00	225.		0.	93	0.036		0.	102	0.00	0.039	
8998		19.30	19.30		353	108	0.00	330.		255	113	0.045		157	120	0.00	0.047	
8999		19.30	19.30		0.	21	0.00	55.		0.	43	0.017		0.	61	0.00	0.024	
9000		19.30	19.30		264	19	0.18	87.		104	34	0.014		61	41	0.00	0.016	
9001		19.30	19.30		55	-1	0.20	6.		90	0.	0.001		184	0.	0.65	0.002	
9002		19.30	19.30		0.	-64	1.15	-17.		0.	-41	0.000		17	-18	0.28	0.000	
9003		19.30	19.30		0.	-86	1.53	-23.		0.	-56	0.000		15	-25	0.41	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9005		19.30	19.30		87	-53	0.77	-16.1		137	3	0.002		159	10	0.26	0.005	
9006		19.30	19.30		0.	14	0.00	35.1		0.	20	0.008		31	27	0.00	0.010	
9008		19.30	19.30		0.	-59	1.05	-16.1		0.	-12	0.000		77	11	0.00	0.005	
9009		19.30	19.30		0.	3	0.00	7.1		0.	19	0.007		0.	35	0.00	0.014	
9010		19.30	19.30		882	-245	2.60	-85.1		1180	-67	0.002		1182	-67	4.11	0.002	
9011		19.30	19.30		232	-121	1.69	-38.1		491	-10	0.003		531	5	1.83	0.007	
9013		19.30	19.30		893	-281	3.22	-95.1		1117	-37	0.005		1120	-37	4.03	0.005	
9014		19.30	19.30		287	-122	1.60	-39.1		552	-25	0.002		569	-16	2.06	0.003	
9015		19.30	19.30		104	-121	1.96	-35.1		217	-28	0.000		290	0.	1.03	0.003	
9017		19.30	19.30		215	-100	1.35	-31.1		433	-12	0.002		467	0.	1.65	0.005	
9019		19.30	19.30		161	-86	1.21	-27.1		321	-13	0.001		341	-6	1.24	0.003	
9020		19.30	19.30		152	-74	1.02	-23.1		285	-3	0.002		317	6	1.02	0.005	
9021		19.30	19.30		209	-113	1.60	-35.1		421	-16	0.002		453	-3	1.63	0.004	
9023		19.30	19.30		62	-83	1.35	-24.1		146	-25	0.000		225	0.	0.80	0.002	
9024		19.30	19.30		39	-90	1.53	-25.1		124	-19	0.000		198	6	0.58	0.004	
9026		19.30	19.30		73	-107	1.77	-30.1		180	-31	0.000		244	-4	0.89	0.002	
9027		19.30	19.30		324	-25	1.15	2.1		268	12	0.007		254	10	0.68	0.006	
9028		19.30	19.30		106	-14	0.04	-6.1		154	16	0.007		165	14	0.00	0.006	
9029		19.30	19.30		194	2	0.67	30.1		203	12	0.006		230	11	0.52	0.006	
9030		19.30	19.30		305	22	0.24	100.1		186	10	0.005		93	6	0.14	0.003	
9031		19.30	19.30		231	95	0.00	279.1		113	56	0.022		50	53	0.00	0.021	
9032		19.30	19.30		152	182	0.00	493.1		24	109	0.042		63	107	0.00	0.041	
9033		19.30	19.30		969	-94	0.28	-47.1		903	-27	0.005		889	-22	3.23	0.005	
9034		19.30	19.30		2715	128	6.31	711.1		2618	107	0.063		2612	105	6.83	0.062	
9036		19.30	19.30		290	8	0.87	61.1		237	29	0.013		211	28	0.00	0.012	
9040		19.30	19.30		0.	-126	2.25	-34.1		0.	-65	0.000		0.	-74	1.33	0.000	
9041		19.30	19.30		0.	-5	0.08	-1.1		0.	-41	0.000		0.	-60	1.07	0.000	
9042		19.30	19.30		0.	-5	0.09	-1.1		0.	-7	0.000		0.	-50	0.89	0.000	
9043		19.30	19.30		17	-17	0.28	-5.1		65	-14	0.000		74	-11	0.05	0.000	
9044		19.30	19.30		0.	0.	0.00	0.1		0.	-26	0.000		0.	-34	0.61	0.000	
9045		19.30	19.30		0.	53	0.00	138.1		0.	-32	0.000		0.	-42	0.75	0.000	
9046		19.30	19.30		0.	8	0.00	20.1		0.	0.	0.000		0.	-1	0.02	0.000	
9047		19.30	19.30		0.	32	0.00	83.1		0.	-12	0.000		0.	-11	0.19	0.000	
9048		19.30	19.30		0.	67	0.00	175.1		0.	-19	0.000		0.	-24	0.42	0.000	
9049		19.30	19.30		0.	12	0.00	32.1		0.	-9	0.000		0.	-5	0.10	0.000	
9050		19.30	19.30		0.	27	0.00	70.1		0.	-15	0.000		0.	4	0.00	0.002	
9051		19.30	19.30		0.	49	0.00	126.1		0.	-8	0.000		0.	13	0.00	0.005	
9052		19.30	19.30		0.	17	0.00	44.1		0.	-14	0.000		0.	-11	0.20	0.000	
9053		19.30	19.30		0.	20	0.00	52.1		0.	-7	0.000		0.	7	0.00	0.003	
9054		19.30	19.30		0.	37	0.00	95.1		0.	-2	0.000		0.	28	0.00	0.011	
9056		19.30	19.30		89	-154	2.57	-43.1		0.	-100	0.000		0.	-76	1.36	0.000	
9057		19.30	19.30		0.	-189	3.38	-51.1		0.	-93	0.000		0.	-98	1.76	0.000	
9058		19.30	19.30		0.	-168	3.02	-45.1		0.	-80	0.000		0.	-81	1.45	0.000	
9060		19.30	19.30		0.	-108	1.94	-29.1		0.	-77	0.000		0.	-39	0.70	0.000	
9061		19.30	19.30		0.	-60	1.08	-16.1		0.	-66	0.000		0.	-56	1.00	0.000	
9062		19.30	19.30		0.	-139	2.50	-37.1		0.	-68	0.000		0.	-48	0.86	0.000	
9064		19.30	19.30		0.	-55	0.98	-15.1		0.	-20	0.000		0.	-19	0.33	0.000	
9065		19.30	19.30		0.	-51	0.92	-14.1		0.	-20	0.000		0.	-20	0.35	0.000	
9066		19.30	19.30		0.	-78	1.40	-21.1		0.	-66	0.000		0.	-32	0.57	0.000	
9076		19.30	19.30		867	-127	0.52	-53.1		1134	46	0.027		1193	80	1.39	0.040	
9077		19.30	19.30		576	-68	0.04	-31.1		696	32	0.018		907	59	1.18	0.030	
9078		19.30	19.30		0.	-36	0.64	-10.1		138	5	0.003		492	28	0.89	0.015	
9079		19.30	19.30		0.	-19	0.33	-5.1		0.	-15	0.000		24	-4	0.03	0.000	
9080		19.30	19.30		0.	-14	0.25	-4.1		0.	-7	0.000		0.	-32	0.57	0.000	
9081		19.30	19.30		0.	-15	0.27	-4.1		0.	-23	0.000		0.	-31	0.56	0.000	
9082		19.30	19.30		71	-19	0.20	-7.1		10	-20	0.000		0.	-20	0.36	0.000	
9083		19.30	19.30		249	-11	0.88	9.1		141	-12	0.000		36	-13	0.16	0.000	
9085		19.30	19.30		210	-15	0.73	2.1		124	-16	0.000		22	-14	0.20	0.000	
9086		19.30	19.30		94	-14	0.05	-6.1		128	-19	0.000		68	-24	0.29	0.000	
9088		19.30	19.30		0.	-7	0.12	-2.1		0.	-26	0.000		0.	-13	0.23	0.000	
9089		19.30	19.30		796	-77	0.23	-38.1		728	-42	0.001		733	-24	2.64	0.003	
9090		19.30	19.30		847	-32	3.02	41.1		763	-37	0.002		749	-20	2.72	0.004	
9091		19.30	19.30		1245	-72	4.32	25.1		1127	-33	0.006		1063	-14	3.86	0.008	
9092		19.30	19.30		798	5	2.78	119.1		979	-10	0.008		967	-9	3.50	0.008	
9093		19.30	19.30		537	15	1.62	113.1		608	-5	0.005		627	-8	2.28	0.005	
9096		19.30	19.30		543	-51	0.18	-26.1		531	-54	0.000		464	-46	0.12	0.000	
9098		19.30	19.30		594	11	1.93	109.1		565	-6	0.005		494	-9	1.80	0.003	
9100		19.30	19.30		724	-6	2.62	82.1		618	-17	0.003		521	-16	1.88	0.003	
9101		19.30	19.30		592	1	2.09	83.1		468	-13	0.002		418	-11	1.52	0.002	
9102		19.30	19.30		750	-22	2.71	49.1		638	-26	0.002		536	-3	1.93	0.005	
9104		19.30	19.30		721	-8	2.62	76.1		637	-25	0.002		536	-31	1.86	0.001	
9105		19.30	19.30		712	-39	2.48	16.1		567	-14	0.003		498	-14	1.80	0.003	
9106		19.30	19.30		336	-87	0.87	-31.1		352	-77	0.000		358	-63	0.40	0.000	
9107		19.30	19.30		382	-85	0.75	-31.1		372	-81	0.000		376	-78	0.64	0.000	
9109		19.30	19.30		144	-86	1.26	-26.1		157	-87	0.000		207	-81	1.03	0.000	
9110		19.30	19.30		212	-462	7.85	-129.1		443	-191	0.000		677	-14	2.47	0.005	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9111		19.30	19.30		2204	-314	1.14	-133.		1321	-82	0.002		440	53	0.00	0.024	
9112		19.30	19.30		0.	-394	7.05	-106.		0.	-178	0.000		81	-38	0.52	0.000	
9113		19.30	19.30		920	-238	2.40	-84.		591	-81	0.000		275	3	0.94	0.004	
9114		19.30	19.30		0.	-155	2.78	-42.		0.	-104	0.000		0.	-42	0.75	0.000	
9115		19.30	19.30		429	-79	0.54	-31.		324	-32	0.000		220	-13	0.76	0.000	
9116		19.30	19.30		0.	-7	0.13	-2.		0.	-23	0.000		0.	-3	0.06	0.000	
9117		19.30	19.30		0.	6	0.00	16.		0.	-5	0.000		94	-2	0.34	0.001	
9118		19.30	19.30		0.	24	0.00	62.		0.	0.	0.000		0.	-11	0.19	0.000	
9119		19.30	19.30		0.	11	0.00	28.		0.	2	0.001		0.	-4	0.06	0.000	
9121		19.30	19.30		0.	1	0.00	3.		0.	-2	0.000		0.	-3	0.06	0.000	
9123		19.30	19.30		0.	-24	0.44	-7.		0.	-19	0.000		29	-12	0.16	0.000	
9124		19.30	19.30		125	-31	0.30	-11.		186	-29	0.000		138	-27	0.20	0.000	
9125		19.30	19.30		42	-92	1.56	-26.		139	-65	0.000		182	-5	0.66	0.001	
9126		19.30	19.30		92	-55	0.81	-17.		165	-42	0.000		123	-28	0.24	0.000	
9127		19.30	19.30		107	-4	0.38	6.		195	-73	0.000		202	-41	0.32	0.000	
9128		19.30	19.30		0.	-23	0.41	-6.		0.	-25	0.000		0.	-4	0.07	0.000	
9129		19.30	19.30		0.	-34	0.61	-9.		0.	-34	0.000		22	-8	0.10	0.000	
9130		19.30	19.30		27	-65	1.12	-18.		94	-54	0.000		86	-16	0.11	0.000	
9132		19.30	19.30		0.	21	0.00	53.		0.	1	0.000		0.	-4	0.08	0.000	
9133		19.30	19.30		0.	12	0.00	30.		0.	-4	0.000		0.	-4	0.06	0.000	
9134		19.30	19.30		0.	-5	0.10	-1.		0.	-14	0.000		0.	-3	0.05	0.000	
9136		19.30	19.30		0.	-735	13.17	-197.		0.	-189	0.000		0.	361	0.00	0.140	
9137		19.30	19.30		0.	-750	13.45	-202.		0.	-193	0.000		0.	368	0.00	0.142	
9140		19.30	19.30		0.	-813	14.57	-219.		0.	-252	0.000		0.	312	0.00	0.121	
9141		19.30	19.30		0.	-826	14.80	-222.		0.	-260	0.000		0.	310	0.00	0.120	
9144		19.30	19.30		0.	-878	15.73	-236.		0.	-308	0.000		0.	265	0.00	0.103	
9145		19.30	19.30		0.	-886	15.89	-238.		0.	-315	0.000		0.	259	0.00	0.100	
9148		19.30	19.30		0.	-950	17.03	-256.		0.	-372	0.000		0.	203	0.00	0.078	
9149		19.30	19.30		0.	-967	17.34	-260.		0.	-388	0.000		0.	179	0.00	0.069	
9152		19.30	19.30		0.	-1004	18.00	-270.		0.	-420	0.000		0.	138	0.00	0.053	
9153		19.30	19.30		0.	-1015	18.19	-273.		0.	-427	0.000		0.	129	0.00	0.050	
9156		19.30	19.30		0.	-1214	21.75	-326.		0.	-346	0.000		0.	274	0.00	0.106	
9157		19.30	19.30		184	-1240	21.84	-337.		57	-481	0.000		0.	248	0.00	0.096	
9159		19.30	19.30		0.	-1216	21.80	-327.		0.	-340	0.000		0.	273	0.00	0.106	
9160		19.30	19.30		0.	-1265	22.68	-340.		0.	-521	0.000		0.	227	0.00	0.088	
9161		19.30	19.30		0.	-1275	22.85	-343.		0.	-529	0.000		0.	221	0.00	0.085	
9163		19.30	19.30		0.	-1265	22.67	-340.		0.	-520	0.000		0.	229	0.00	0.088	
9164		19.30	19.30		0.	-1322	23.69	-355.		0.	-573	0.000		0.	150	0.00	0.058	
9165		19.30	19.30		0.	-1346	24.13	-362.		0.	-595	0.000		0.	124	0.00	0.048	
9167		19.30	19.30		0.	-1325	23.75	-356.		0.	-576	0.000		0.	157	0.00	0.061	
9168		19.30	19.30		0.	-1382	24.78	-372.		0.	-632	0.000		0.	67	0.00	0.026	
9169		19.30	19.30		0.	-1417	25.40	-381.		0.	-662	0.000		0.	41	0.00	0.016	
9171		19.30	19.30		0.	-1392	24.95	-374.		0.	-639	0.000		0.	63	0.00	0.024	
9172		19.30	19.30		0.	-1430	25.63	-384.		0.	-682	0.000		0.	28	0.00	0.011	
9173		19.30	19.30		0.	-1494	26.78	-402.		0.	-736	0.000		0.	-8	0.14	0.000	
9175		19.30	19.30		0.	-1442	25.85	-388.		0.	-689	0.000		0.	19	0.00	0.007	
9176		19.30	19.30		0.	-1281	22.96	-344.		0.	-666	0.000		0.	41	0.00	0.016	
9177		19.30	19.30		0.	-1351	24.21	-363.		0.	-698	0.000		0.	7	0.00	0.003	
9179		19.30	19.30		0.	-1425	25.54	-383.		0.	-728	0.000		0.	6	0.00	0.002	
9180		19.30	19.30		19	-1145	20.48	-308.		0.	-528	0.000		0.	123	0.00	0.048	
9181		19.30	19.30		0.	-1287	23.07	-346.		0.	-584	0.000		0.	80	0.00	0.031	
9183		19.30	19.30		0.	-1161	20.81	-312.		0.	-599	0.000		0.	66	0.00	0.026	
9191		19.30	19.30		308	-133	1.75	-42.		249	-67	0.000		110	-5	0.39	0.000	
9192		19.30	19.30		0.	-9	0.16	-2.		0.	-2	0.000		9	-3	0.03	0.000	
9193		19.30	19.30		0.	7	0.00	19.		0.	2	0.001		0.	-2	0.04	0.000	
9194		19.30	19.30		0.	-4	0.07	-1.		0.	-1	0.000		45	-14	0.17	0.000	
9195		19.30	19.30		0.	-48	0.87	-13.		0.	-21	0.000		0.	-29	0.52	0.000	
9197		19.30	19.30		0.	-179	3.22	-48.		0.	-93	0.000		134	-6	0.47	0.000	
9198		19.30	19.30		0.	-23	0.41	-6.		0.	-15	0.000		0.	-7	0.12	0.000	
9199		19.30	19.30		0.	4	0.00	11.		0.	0.	0.000		0.	-11	0.20	0.000	
9200		19.30	19.30		0.	-41	0.74	-11.		0.	-13	0.000		0.	-18	0.32	0.000	
9201		19.30	19.30		0.	-45	0.80	-12.		0.	-6	0.000		0.	-27	0.48	0.000	
9203		19.30	19.30		0.	-159	2.86	-43.		0.	-82	0.000		0.	-5	0.09	0.000	
9204		19.30	19.30		0.	4	0.00	9.		0.	-3	0.000		0.	-6	0.11	0.000	
9205		19.30	19.30		0.	58	0.00	149.		0.	29	0.011		19	0.	0.07	0.000	
9206		19.30	19.30		43	-10	0.09	-4.		111	-2	0.001		177	-10	0.62	0.000	
9207		19.30	19.30		206	-28	0.08	-12.		234	-4	0.002		274	-40	0.16	0.000	
9209		19.30	19.30		193	-47	0.46	-17.		199	-16	0.000		108	-2	0.39	0.001	
9210		19.30	19.30		0.	45	0.00	116.		60	11	0.005		89	-1	0.32	0.001	
9211		19.30	19.30		0.	21	0.00	55.		27	10	0.004		107	0.	0.38	0.001	
9212		19.30	19.30		0.	-43	0.78	-12.		4	-29	0.000		62	-19	0.21	0.000	
9213		19.30	19.30		0.	-42	0.76	-11.		0.	-25	0.000		0.	-44	0.79	0.000	
9215		19.30	19.30		2019	-158	7.18	9.		1917	-127	0.002		1858	-62	6.68	0.008	
9216		19.30	19.30		1382	-83	4.80	25.		1331	-56	0.004		1315	-34	4.77	0.008	
9217		19.30	19.30		1262	-118	0.45	-60.		1232	-56	0.003		1226	-65	4.27	0.002	
9218		19.30	19.30		3491	-436	0.71	-194.		2561	-139	0.005		1633	158	0.00	0.073	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9219		19.30	19.30		1745	-264	1.18	-109.		1248	-107	0.000		752	49	0.93	0.025	
9220		19.30	19.30		0.	41	0.00	106.		0.	5	0.002		0.	-10	0.17	0.000	
9221		19.30	19.30		0.	81	0.00	210.		0.	52	0.020		0.	23	0.00	0.009	
9222		19.30	19.30		0.	64	0.00	166.		0.	46	0.018		266	32	0.00	0.014	
9223		19.30	19.30		0.	2	0.00	6.		163	24	0.010		269	47	0.00	0.020	
9224		19.30	19.30		0.	-411	7.37	-110.		0.	-130	0.000		0.	150	0.00	0.058	
9225		19.30	19.30		0.	-325	5.83	-87.		0.	-133	0.000		0.	58	0.00	0.022	
9226		19.30	19.30		0.	-94	1.68	-25.		0.	-84	0.000		0.	-34	0.61	0.000	
9227		19.30	19.30		0.	104	0.00	270.		0.	51	0.020		0.	7	0.00	0.003	
9228		19.30	19.30		0.	127	0.00	330.		0.	98	0.038		0.	76	0.00	0.029	
9229		19.30	19.30		0.	64	0.00	166.		0.	84	0.033		0.	110	0.00	0.043	
9230		19.30	19.30		0.	74	0.00	193.		0.	138	0.053		0.	201	0.00	0.078	
9231		19.30	19.30		0.	71	0.00	185.		0.	112	0.043		0.	153	0.00	0.059	
9232		19.30	19.30		0.	80	0.00	207.		0.	75	0.029		0.	70	0.00	0.027	
9233		19.30	19.30		0.	40	0.00	105.		0.	30	0.011		0.	19	0.00	0.007	
9234		19.30	19.30		0.	73	0.00	190.		0.	69	0.027		0.	61	0.00	0.024	
9235		19.30	19.30		0.	90	0.00	233.		0.	107	0.042		0.	120	0.00	0.046	
9236		19.30	19.30		23	-145	2.55	-39.		0.	-2	0.000		0.	-2	0.03	0.000	
9237		19.30	19.30		0.	-90	1.62	-24.		0.	7	0.003		0.	6	0.00	0.002	
9238		19.30	19.30		0.	23	0.00	59.		0.	2	0.001		0.	1	0.00	0.000	
9239		19.30	19.30		0.	14	0.00	37.		0.	15	0.006		7	10	0.00	0.004	
9240		19.30	19.30		97	-63	0.93	-19.		193	-30	0.000		313	-37	0.03	0.000	
9241		19.30	19.30		950	-72	3.37	5.		993	-28	0.005		987	-37	3.52	0.004	
9242		19.30	19.30		0.	-243	4.36	-65.		0.	-113	0.000		0.	-108	1.93	0.000	
9243		19.30	19.30		5	-240	4.29	-65.		0.	-116	0.000		0.	-115	2.06	0.000	
9245		19.30	19.30		630	-672	10.76	-194.		608	-380	0.000		605	-380	5.58	0.000	
9246		19.30	19.30		129	-82	1.21	-25.		81	-45	0.000		67	-33	0.46	0.000	
9247		19.30	19.30		0.	-135	2.41	-36.		0.	-63	0.000		0.	-56	0.99	0.000	
9249		19.30	19.30		241	-164	2.45	-49.		124	-114	0.000		63	-85	1.40	0.000	
9250		19.30	19.30		0.	-118	2.11	-32.		0.	-63	0.000		0.	-27	0.48	0.000	
9251		19.30	19.30		0.	-83	1.49	-22.		0.	-44	0.000		0.	-21	0.37	0.000	
9253		19.30	19.30		0.	-114	2.05	-31.		0.	-62	0.000		0.	-43	0.77	0.000	
9254		19.30	19.30		25	-42	0.69	-12.		62	-1	0.001		72	15	0.00	0.006	
9255		19.30	19.30		483	-338	5.08	-102.		560	19	0.012		706	124	0.00	0.052	
9256		19.30	19.30		1195	-569	7.77	-179.		1789	-160	0.000		2112	72	6.01	0.046	
9257		19.30	19.30		0.	-48	0.86	-13.		0.	-23	0.000		0.	3	0.00	0.001	
9258		19.30	19.30		72	-279	4.85	-76.		152	-28	0.000		330	96	0.00	0.039	
9259		19.30	19.30		471	-430	6.75	-126.		1107	-135	0.000		1560	35	4.94	0.028	
9260		19.30	19.30		0.	-1	0.01	0.		0.	-34	0.000		0.	-12	0.21	0.000	
9261		19.30	19.30		0.	-143	2.56	-38.		0.	-83	0.000		0.	29	0.00	0.011	
9262		19.30	19.30		0.	-172	3.08	-46.		245	-41	0.000		841	-18	3.06	0.005	
9263		19.30	19.30		0.	-9	0.17	-3.		0.	-30	0.000		0.	-15	0.26	0.000	
9264		19.30	19.30		0.	-75	1.35	-20.		0.	-28	0.000		0.	-20	0.35	0.000	
9265		19.30	19.30		0.	-118	2.11	-32.		0.	-88	0.000		0.	-59	1.05	0.000	
9266		19.30	19.30		0.	-22	0.40	-6.		0.	-19	0.000		0.	-14	0.25	0.000	
9267		19.30	19.30		0.	-11	0.20	-3.		0.	-42	0.000		0.	-40	0.72	0.000	
9268		19.30	19.30		0.	-94	1.69	-25.		0.	-70	0.000		0.	-57	1.02	0.000	
9269		19.30	19.30		0.	-3	0.06	-1.		0.	-24	0.000		244	-21	0.11	0.000	
9270		19.30	19.30		0.	-19	0.34	-5.		0.	-44	0.000		0.	-23	0.42	0.000	
9271		19.30	19.30		0.	-53	0.95	-14.		0.	-41	0.000		0.	-32	0.57	0.000	
9275		19.30	19.30		51	-55	0.88	-16.		153	-34	0.000		209	-41	0.30	0.000	
9276		19.30	19.30		0.	-79	1.41	-21.		0.	-51	0.000		0.	-15	0.27	0.000	
9278		19.30	19.30		273	-28	0.05	-14.		251	-26	0.000		246	-21	0.89	0.000	
9279		19.30	19.30		0.	2	0.00	6.		0.	-7	0.000		0.	-2	0.04	0.000	
9280		19.30	19.30		138	-2	0.50	13.		338	-1	0.003		400	-26	1.39	0.000	
9282		19.30	19.30		0.	-22	0.39	-6.		0.	-16	0.000		0.	-11	0.20	0.000	
9283		19.30	19.30		0.	-64	1.14	-17.		0.	-40	0.000		0.	-18	0.33	0.000	
9286		19.30	19.30		0.	-53	0.95	-14.		0.	-18	0.000		0.	-12	0.22	0.000	
9362		19.30	19.30		1207	-810	12.06	-244.		760	-348	0.000		311	56	0.00	0.023	
9363		19.30	19.30		913	-968	15.49	-280.		617	-440	0.000		323	33	0.00	0.015	
9365		19.30	19.30		840	-1206	19.90	-343.		446	-574	0.000		0.	2	0.00	0.001	
9366		19.30	19.30		730	-747	11.91	-217.		676	-282	0.000		625	185	0.00	0.075	
9367		19.30	19.30		0.	-966	17.31	-260.		0.	-408	0.000		96	144	0.00	0.056	
9369		19.30	19.30		146	-1033	18.22	-281.		163	-438	0.000		170	117	0.00	0.046	
9370		19.30	19.30		330	-993	17.13	-274.		411	-437	0.000		496	110	0.00	0.045	
9371		19.30	19.30		8	-1053	18.85	-283.		57	-463	0.000		107	121	0.00	0.047	
9373		19.30	19.30		0.	-1238	22.19	-333.		0.	-569	0.000		0.	68	0.00	0.026	
9374		19.30	19.30		1087	-877	13.51	-260.		623	-347	0.000		160	186	0.00	0.073	
9375		19.30	19.30		480	-979	16.57	-274.		172	-396	0.000		0.	170	0.00	0.066	
9377		19.30	19.30		557	-1094	18.48	-306.		343	-461	0.000		101	163	0.00	0.063	
9379		19.30	19.30		637	-783	12.74	-224.		513	-373	0.000		258	0.	0.92	0.003	
9380		19.30	19.30		1234	-489	6.26	-159.		923	-226	0.000		556	-3	2.00	0.005	
9381		19.30	19.30		1332	-938	14.11	-281.		924	-450	0.000		550	-10	2.00	0.004	
9383		19.30	19.30		0.	-824	14.76	-221.		0.	-373	0.000		55	24	0.00	0.009	
9384		19.30	19.30		138	-491	8.52	-135.		289	-214	0.000		446	7	1.47	0.007	
9385		19.30	19.30		35	-851	15.18	-229.		148	-361	0.000		276	32	0.00	0.014	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9387		19.30	19.30		0.	-852	15.27	-229.		0.	-389	0.000		0.	41	0.00	0.016	
9388		19.30	19.30		0.	-520	9.33	-140.		0.	-244	0.000		239	-2	0.86	0.002	
9389		19.30	19.30		0.	-957	17.15	-257.		0.	-455	0.000		0.	4	0.00	0.002	
9391		19.30	19.30		572	-785	12.92	-224.		368	-314	0.000		138	103	0.00	0.041	
9392		19.30	19.30		1176	-367	4.19	-124.		846	-125	0.000		503	42	0.00	0.020	
9393		19.30	19.30		339	-824	14.08	-229.		255	-355	0.000		167	79	0.00	0.031	

ARMATURA SUPERIORE VERTICALE

GUSCI	COMBINAZIONE RARA				COMB. FREQUENTE			COMB. QUASI PERMANENTE										
	Af	Afc	Mom	Nor	sigC	sigF	Mom	Nor	WkF	Mom	Nor	sigC	WkP					
2022		19.15	19.15		29	-167	2.93	-45.		377	-96	0.000		474	-92	0.69	0.000	
2024		19.15	19.15		0.	-261	4.68	-70.		44	-157	0.000		165	-88	1.25	0.000	
2025		19.15	19.15		0.	-257	4.61	-69.		46	-156	0.000		166	-89	1.26	0.000	
2026		19.15	19.15		0.	-126	2.27	-34.		0.	-95	0.000		0.	-65	1.17	0.000	
2027		19.15	19.15		0.	-125	2.25	-34.		0.	-95	0.000		0.	-66	1.19	0.000	
2028		19.15	19.15		0.	7	0.00	19.		0.	-22	0.000		0.	-52	0.94	0.000	
2029		19.15	19.15		0.	7	0.00	18.		0.	-23	0.000		0.	-53	0.96	0.000	
2030		19.15	19.15		466	106	0.00	345.		359	14	0.008		256	-36	0.12	0.000	
2031		19.15	19.15		464	106	0.00	343.		357	13	0.008		254	-35	0.11	0.000	
2032		19.15	19.15		1265	72	2.30	369.		983	55	0.030		709	51	0.46	0.026	
2033		19.15	19.15		1262	72	2.30	368.		981	55	0.030		708	51	0.46	0.026	
2035		19.15	19.15		0.	-211	3.78	-57.		0.	-192	0.000		50	-166	2.88	0.000	
2036		19.15	19.15		0.	-89	1.60	-24.		22	-186	0.000		145	-159	2.55	0.000	
2037		19.15	19.15		0.	-163	2.93	-44.		0.	-176	0.000		133	-132	2.10	0.000	
2038		19.15	19.15		0.	-122	2.18	-33.		0.	-138	0.000		0.	-113	2.02	0.000	
2039		19.15	19.15		0.	-163	2.93	-44.		0.	-134	0.000		0.	-85	1.53	0.000	
2040		19.15	19.15		0.	-101	1.82	-27.		0.	-60	0.000		0.	-60	1.07	0.000	
2041		19.15	19.15		0.	-128	2.29	-34.		0.	-43	0.000		0.	-39	0.69	0.000	
2042		19.15	19.15		0.	-91	1.62	-24.		0.	-28	0.000		0.	-27	0.48	0.000	
2043		19.15	19.15		0.	-100	1.79	-27.		0.	-12	0.000		0.	-8	0.14	0.000	
2044		19.15	19.15		742	-60	2.67	2.		267	-70	0.000		181	-22	0.02	0.000	
2045		19.15	19.15		692	-64	0.27	-32.		143	-72	0.000		0.	-1	0.01	0.000	
2046		19.15	19.15		0.	-230	4.13	-62.		77	-185	0.000		297	-146	2.01	0.000	
2048		19.15	19.15		0.	-218	3.91	-59.		30	-132	0.000		146	-97	1.45	0.000	
2049		19.15	19.15		0.	-215	3.86	-58.		101	-57	0.000		197	-21	0.02	0.000	
2050		19.15	19.15		0.	-195	3.50	-53.		0.	-123	0.000		0.	-60	1.07	0.000	
2051		19.15	19.15		0.	-210	3.76	-56.		0.	-88	0.000		75	-16	0.14	0.000	
2052		19.15	19.15		0.	-162	2.91	-44.		0.	-54	0.000		0.	-28	0.51	0.000	
2053		19.15	19.15		0.	-194	3.47	-52.		0.	-65	0.000		38	-22	0.31	0.000	
2054		19.15	19.15		0.	-132	2.36	-35.		0.	-22	0.000		0.	-3	0.06	0.000	
2055		19.15	19.15		0.	-147	2.63	-40.		0.	-54	0.000		0.	-25	0.44	0.000	
2056		19.15	19.15		429	-91	0.76	-34.		0.	-42	0.000		0.	6	0.00	0.002	
2057		19.15	19.15		0.	-84	1.51	-23.		0.	-24	0.000		0.	-15	0.28	0.000	
2059		19.15	19.15		0.	-407	7.30	-110.		0.	-340	0.000		0.	-278	4.98	0.000	
2060		19.15	19.15		0.	-364	6.52	-98.		0.	-325	0.000		107	-298	5.13	0.000	
2061		19.15	19.15		0.	-385	6.90	-103.		0.	-332	0.000		98	-280	4.82	0.000	
2062		19.15	19.15		0.	-363	6.51	-98.		0.	-311	0.000		0.	-277	4.96	0.000	
2063		19.15	19.15		0.	-372	6.67	-100.		0.	-304	0.000		0.	-260	4.67	0.000	
2064		19.15	19.15		0.	-364	6.52	-98.		0.	-306	0.000		0.	-253	4.55	0.000	
2065		19.15	19.15		0.	-357	6.41	-96.		0.	-297	0.000		0.	-241	4.32	0.000	
2066		19.15	19.15		0.	-329	5.90	-89.		0.	-295	0.000		0.	-241	4.32	0.000	
2067		19.15	19.15		0.	-332	5.96	-89.		0.	-278	0.000		0.	-225	4.04	0.000	
2068		19.15	19.15		0.	-271	4.85	-73.		0.	-240	0.000		0.	-215	3.86	0.000	
2069		19.15	19.15		0.	-285	5.11	-77.		0.	-255	0.000		0.	-218	3.91	0.000	
2070		19.15	19.15		0.	-429	7.69	-115.		0.	-348	0.000		0.	-272	4.88	0.000	
2072		19.15	19.15		0.	-392	7.02	-105.		0.	-315	0.000		46	-250	4.38	0.000	
2073		19.15	19.15		0.	-383	6.87	-103.		0.	-296	0.000		47	-229	4.01	0.000	
2074		19.15	19.15		0.	-365	6.55	-98.		0.	-288	0.000		0.	-235	4.21	0.000	
2075		19.15	19.15		0.	-357	6.41	-96.		0.	-276	0.000		0.	-218	3.91	0.000	
2076		19.15	19.15		0.	-351	6.29	-94.		0.	-285	0.000		0.	-223	4.00	0.000	
2077		19.15	19.15		0.	-343	6.15	-92.		0.	-275	0.000		16	-210	3.74	0.000	
2078		19.15	19.15		0.	-314	5.63	-84.		0.	-262	0.000		0.	-212	3.80	0.000	
2079		19.15	19.15		0.	-296	5.30	-80.		0.	-247	0.000		0.	-197	3.53	0.000	
2080		19.15	19.15		0.	-253	4.53	-68.		0.	-222	0.000		0.	-188	3.37	0.000	
2081		19.15	19.15		0.	-231	4.14	-62.		0.	-204	0.000		0.	-170	3.05	0.000	
2083		19.15	19.15		0.	55	0.00	143.		0.	164	0.064		0.	224	0.00	0.088	
2084		19.15	19.15		0.	51	0.00	132.		0.	145	0.057		0.	220	0.00	0.086	
2085		19.15	19.15		0.	84	0.00	220.		0.	179	0.070		0.	236	0.00	0.093	
2086		19.15	19.15		0.	104	0.00	272.		0.	184	0.072		0.	252	0.00	0.099	
2087		19.15	19.15		0.	144	0.00	377.		0.	220	0.086		0.	275	0.00	0.108	
2088		19.15	19.15		0.	181	0.00	471.		0.	243	0.095		0.	299	0.00	0.118	
2089		19.15	19.15		0.	227	0.00	592.		0.	274	0.107		0.	312	0.00	0.123	
2090		19.15	19.15		41	283	0.00	746.		0.	350	0.138		0.	370	0.00	0.145	
2091		19.15	19.15		372	324	0.00	901.		170	349	0.138		79	375	0.00	0.148	
2092		19.15	19.15		2254	400	0.00	1371.		1875	427	0.178		1489	451	0.00	0.185	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

2094		19.15	19.15		0.	97	0.00	254.		0.	151	0.059		0.	201	0.00	0.079
2096		19.15	19.15		0.	138	0.00	361.		0.	202	0.079		0.	229	0.00	0.090
2097		19.15	19.15		0.	181	0.00	474.		0.	225	0.088		0.	229	0.00	0.090
2098		19.15	19.15		0.	181	0.00	473.		0.	240	0.094		0.	277	0.00	0.109
2099		19.15	19.15		0.	202	0.00	527.		0.	259	0.102		0.	279	0.00	0.110
2100		19.15	19.15		0.	251	0.00	655.		0.	279	0.110		0.	299	0.00	0.118
2101		19.15	19.15		0.	266	0.00	694.		0.	284	0.112		0.	292	0.00	0.115
2102		19.15	19.15		660	332	0.00	964.		339	329	0.130		166	338	0.00	0.133
2103		19.15	19.15		893	375	0.00	1108.		472	356	0.142		234	350	0.00	0.138
2104		19.15	19.15		2121	446	0.00	1471.		1774	435	0.181		1388	423	0.00	0.173
2105		19.15	19.15		1870	494	0.00	1562.		1522	488	0.199		1256	479	0.00	0.194
2107		19.15	19.15		0.	30	0.00	80.		124	-77	0.000		379	-153	1.97	0.000
2108		19.15	19.15		0.	42	0.00	111.		63	-33	0.000		116	-109	1.73	0.000
2109		19.15	19.15		0.	116	0.00	303.		0.	-10	0.000		49	-116	1.98	0.000
2110		19.15	19.15		0.	29	0.00	77.		0.	-52	0.000		0.	-113	2.03	0.000
2111		19.15	19.15		0.	92	0.00	240.		0.	-24	0.000		0.	-115	2.06	0.000
2112		19.15	19.15		0.	2	0.00	4.		0.	-83	0.000		0.	-63	1.13	0.000
2113		19.15	19.15		0.	44	0.00	115.		0.	-63	0.000		0.	-59	1.06	0.000
2114		19.15	19.15		0.	-11	0.20	-3.		0.	-93	0.000		0.	-29	0.53	0.000
2115		19.15	19.15		0.	19	0.00	50.		0.	-75	0.000		0.	-20	0.35	0.000
2116		19.15	19.15		1051	-20	3.84	94.		714	-79	0.000		485	-19	1.73	0.002
2117		19.15	19.15		1295	5	4.56	190.		970	-60	0.001		657	-5	2.38	0.006
3632		19.15	19.15		228	-77	0.91	-26.		512	-14	0.003		515	-14	1.87	0.003
3633		19.15	19.15		243	-29	0.02	-13.		468	-8	0.003		467	-8	1.71	0.003
3634		19.15	19.15		125	-15	0.02	-7.		328	-65	0.000		389	-79	0.62	0.000
3641		19.15	19.15		650	-114	0.71	-45.		965	-27	0.005		1011	3	3.57	0.012
3643		19.15	19.15		709	33	1.69	185.		922	73	0.036		921	73	0.00	0.036
3644		19.15	19.15		740	19	2.31	150.		935	40	0.024		947	40	2.42	0.024
3645		19.15	19.15		383	-19	1.34	12.		619	-47	0.000		734	-44	2.55	0.001
3647		19.15	19.15		0.	-187	3.36	-50.		0.	-143	0.000		0.	-94	1.69	0.000
3648		19.15	19.15		0.	-90	1.62	-24.		0.	-70	0.000		10	-41	0.71	0.000
3649		19.15	19.15		0.	-4	0.08	-1.		152	-11	0.000		259	-4	0.94	0.002
3650		19.15	19.15		266	15	0.50	77.		454	22	0.012		468	24	1.00	0.013
3651		19.15	19.15		529	29	1.04	151.		849	50	0.026		851	50	1.48	0.026
3654		19.15	19.15		0.	21	0.00	54.		1	135	0.053		202	190	0.00	0.076
3657		19.15	19.15		1648	42	5.11	337.		1702	18	0.024		1719	16	5.92	0.023
3658		19.15	19.15		1104	-23	4.03	93.		1156	9	0.015		1175	8	4.10	0.015
3659		19.15	19.15		1488	-82	5.18	34.		1427	0.	0.015		1396	-14	5.08	0.012
3663		19.15	19.15		582	-162	1.71	-56.		715	-160	0.000		845	-131	0.63	0.000
3664		19.15	19.15		285	-72	0.70	-26.		503	-122	0.000		702	-166	1.54	0.000
3665		19.15	19.15		63	-55	0.86	-16.		321	-105	0.000		504	-158	1.80	0.000
3666		19.15	19.15		238	-60	0.59	-21.		365	-78	0.000		450	-126	1.35	0.000
3668		19.15	19.15		0.	39	0.00	101.		248	90	0.037		433	114	0.00	0.047
3670		19.15	19.15		0.	125	0.00	326.		0.	146	0.057		0.	179	0.00	0.070
3671		19.15	19.15		0.	71	0.00	186.		0.	112	0.044		0.	143	0.00	0.056
3672		19.15	19.15		0.	-270	4.85	-73.		0.	-211	0.000		0.	-151	2.71	0.000
3674		19.15	19.15		0.	-447	8.02	-120.		0.	-351	0.000		0.	-259	4.64	0.000
3675		19.15	19.15		0.	-346	6.21	-93.		0.	-272	0.000		0.	-204	3.66	0.000
3676		19.15	19.15		0.	28	0.00	74.		0.	151	0.059		0.	209	0.00	0.082
3677		19.15	19.15		0.	32	0.00	84.		0.	152	0.060		0.	213	0.00	0.084
3678		19.15	19.15		0.	4	0.00	10.		0.	120	0.047		0.	206	0.00	0.081
3679		19.15	19.15		355	-195	2.78	-60.		659	-116	0.000		778	-56	2.73	0.001
3681		19.15	19.15		0.	-195	3.51	-53.		325	-61	0.000		442	-35	1.58	0.000
3682		19.15	19.15		43	-220	3.87	-60.		353	-151	0.000		528	-103	0.78	0.000
3683		19.15	19.15		0.	-237	4.26	-64.		0.	-216	0.000		0.	-191	3.42	0.000
3684		19.15	19.15		0.	-316	5.67	-85.		0.	-273	0.000		0.	-228	4.09	0.000
3685		19.15	19.15		0.	-410	7.35	-110.		0.	-374	0.000		0.	-311	5.59	0.000
3687		19.15	19.15		134	-114	1.78	-34.		542	-40	0.000		566	-45	2.02	0.000
3689		19.15	19.15		38	-294	5.19	-80.		225	-127	0.000		299	-111	1.38	0.000
3690		19.15	19.15		5	-120	2.15	-33.		320	-79	0.000		435	-60	0.20	0.000
3691		19.15	19.15		0.	-61	1.09	-16.		173	-140	0.000		285	-134	1.82	0.000
3692		19.15	19.15		0.	-125	2.24	-34.		64	-141	0.000		155	-138	2.16	0.000
3693		19.15	19.15		0.	-111	1.99	-30.		0.	-211	0.000		147	-209	3.46	0.000
4478		28.79	28.79		0.	-130	2.21	-33.		0.	18	0.003		0.	41	0.00	0.007
4479		28.79	28.79		0.	-107	1.82	-27.		0.	16	0.003		0.	47	0.00	0.008
4485		28.79	28.79		0.	-76	1.30	-20.		0.	-58	0.000		0.	-6	0.11	0.000
4486		28.79	28.79		0.	-36	0.61	-9.		0.	-9	0.000		0.	63	0.00	0.011
4500		28.79	28.79		5311	-4	15.52	482.		3788	32	0.024		3487	-51	10.63	0.013
4501		28.79	28.79		5807	35	16.46	594.		4490	80	0.034		3861	17	11.04	0.022
4507		28.79	28.79		7076	-96	21.51	493.		5592	-78	0.021		4132	-23	12.30	0.019
4519		28.79	28.79		5765	7	16.72	541.		4080	56	0.028		2402	131	3.60	0.033
4521		28.79	28.79		0.	-127	2.17	-33.		0.	-8	0.000		0.	37	0.00	0.007
4522		28.79	28.79		0.	-172	2.94	-44.		0.	2	0.000		0.	13	0.00	0.002
4526		28.79	28.79		5750	-40	17.19	461.		3990	-17	0.018		3465	-112	10.79	0.008
4527		28.79	28.79		14876	-349	45.98	812.		10080	-119	0.040		5885	-243	18.39	0.010
4529		28.79	28.79		0.	-53	0.91	-14.		275	-24	0.000		1388	-172	0.31	0.000

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

4531		28.79	28.79		0.	-44	0.75	-11.		0.	40	0.007		0.	68	0.00	0.012	
4532		28.79	28.79		0.	-52	0.88	-13.		0.	60	0.011		0.	68	0.00	0.012	
4533		28.79	28.79		0.	-70	1.19	-18.		0.	25	0.004		0.	70	0.00	0.012	
4535		28.79	28.79		0.	-47	0.80	-12.		0.	-2	0.000		0.	37	0.00	0.007	
4536		28.79	28.79		0.	-38	0.65	-10.		0.	24	0.004		0.	48	0.00	0.008	
4537		28.79	28.79		0.	-41	0.70	-11.		0.	24	0.004		0.	61	0.00	0.011	
4539		28.79	28.79		0.	-76	1.30	-19.		0.	-48	0.000		0.	-3	0.05	0.000	
4540		28.79	28.79		0.	-68	1.16	-17.		0.	-35	0.000		0.	8	0.00	0.001	
4541		28.79	28.79		0.	-57	0.97	-15.		0.	-18	0.000		0.	23	0.00	0.004	
4543		28.79	28.79		0.	-105	1.80	-27.		0.	-90	0.000		0.	-40	0.68	0.000	
4544		28.79	28.79		0.	-101	1.73	-26.		0.	-82	0.000		0.	-32	0.54	0.000	
4545		28.79	28.79		0.	-90	1.53	-23.		0.	-68	0.000		0.	-20	0.35	0.000	
4547		28.79	28.79		0.	-102	1.74	-26.		0.	-89	0.000		0.	-39	0.66	0.000	
4548		28.79	28.79		0.	-106	1.81	-27.		0.	-92	0.000		0.	-41	0.69	0.000	
4549		28.79	28.79		0.	-108	1.84	-28.		0.	-94	0.000		0.	-44	0.76	0.000	
4551		28.79	28.79		0.	-38	0.65	-10.		0.	-31	0.000		0.	-22	0.38	0.000	
4552		28.79	28.79		0.	-20	0.34	-5.		0.	-12	0.000		0.	-5	0.09	0.000	
4553		28.79	28.79		0.	-186	3.17	-48.		0.	-139	0.000		0.	34	0.00	0.006	
4555		28.79	28.79		0.	-107	1.83	-27.		0.	-99	0.000		0.	-89	1.52	0.000	
4556		28.79	28.79		0.	-92	1.56	-23.		0.	-83	0.000		0.	-74	1.27	0.000	
4557		28.79	28.79		0.	-59	1.00	-15.		0.	-51	0.000		0.	-42	0.72	0.000	
4559		28.79	28.79		0.	-164	2.80	-42.		0.	-155	0.000		0.	-146	2.49	0.000	
4560		28.79	28.79		0.	-152	2.58	-39.		0.	-143	0.000		0.	-134	2.28	0.000	
4561		28.79	28.79		0.	-125	2.14	-32.		0.	-117	0.000		0.	-107	1.83	0.000	
4563		28.79	28.79		0.	-208	3.55	-53.		0.	-198	0.000		0.	-188	3.20	0.000	
4564		28.79	28.79		0.	-201	3.43	-51.		0.	-190	0.000		0.	-178	3.04	0.000	
4565		28.79	28.79		0.	-181	3.09	-46.		0.	-171	0.000		0.	-162	2.76	0.000	
4566		28.79	28.79		0.	-20	0.34	-5.		0.	20	0.004		0.	119	0.00	0.021	
4567		28.79	28.79		0.	-30	0.51	-8.		0.	23	0.004		0.	153	0.00	0.027	
4568		28.79	28.79		0.	-70	1.19	-18.		0.	-15	0.000		0.	142	0.00	0.025	
4569		28.79	28.79		0.	-144	2.46	-37.		0.	-95	0.000		0.	74	0.00	0.013	
4570		28.79	28.79		0.	-194	3.31	-50.		0.	-185	0.000		0.	-176	3.00	0.000	
4571		28.79	28.79		0.	-58	0.98	-15.		0.	-62	0.000		0.	-40	0.68	0.000	
4572		28.79	28.79		0.	-2	0.03	0.		0.	32	0.006		0.	105	0.00	0.019	
4573		28.79	28.79		0.	108	0.00	187.		0.	144	0.026		0.	241	0.00	0.043	
4773		28.79	28.79		0.	439	0.00	762.		0.	535	0.095		0.	480	0.00	0.085	
4775		28.79	28.79		15373	126	43.08	1628.		11254	209	0.092		7151	302	14.17	0.082	
4776		28.79	28.79		6654	77	18.28	743.		4727	136	0.044		2808	196	1.82	0.045	
8966		19.15	19.15		185	-158	2.47	-47.		565	-6	0.005		649	27	1.65	0.016	
8967		19.15	19.15		0.	-177	3.18	-48.		257	1	0.003		297	36	0.00	0.016	
8968		19.15	19.15		0.	-208	3.72	-56.		0.	-68	0.000		219	12	0.45	0.006	
8969		19.15	19.15		0.	-203	3.64	-55.		0.	-80	0.000		96	-21	0.18	0.000	
8970		19.15	19.15		0.	-159	2.85	-43.		0.	-85	0.000		0.	-47	0.83	0.000	
8971		19.15	19.15		0.	-119	2.13	-32.		0.	-63	0.000		0.	-62	1.11	0.000	
8972		19.15	19.15		378	-79	0.64	-29.		807	84	0.039		838	96	0.00	0.043	
8973		19.15	19.15		0.	-127	2.28	-34.		419	75	0.032		424	79	0.00	0.034	
8974		19.15	19.15		0.	-195	3.50	-53.		73	-42	0.000		288	24	0.00	0.012	
8975		19.15	19.15		0.	-212	3.80	-57.		0.	-118	0.000		90	-36	0.46	0.000	
8976		19.15	19.15		0.	-181	3.25	-49.		0.	-134	0.000		0.	-81	1.46	0.000	
8977		19.15	19.15		0.	-156	2.79	-42.		0.	-110	0.000		0.	-108	1.94	0.000	
8978		19.15	19.15		690	-33	2.43	23.		980	46	0.026		977	59	1.62	0.031	
8979		19.15	19.15		537	-6	1.96	58.		788	70	0.033		790	70	0.00	0.033	
8981		19.15	19.15		658	-28	2.33	26.		956	27	0.019		966	56	1.69	0.030	
8982		19.15	19.15		0.	-373	6.69	-100.		0.	-354	0.000		0.	-300	5.39	0.000	
8983		19.15	19.15		0.	-332	5.95	-89.		0.	-306	0.000		0.	-297	5.33	0.000	
8984		19.15	19.15		0.	-346	6.22	-93.		0.	-310	0.000		0.	-288	5.17	0.000	
8985		19.15	19.15		0.	-359	6.45	-97.		0.	-315	0.000		0.	-267	4.79	0.000	
8986		19.15	19.15		0.	-332	5.95	-89.		0.	-296	0.000		0.	-263	4.72	0.000	
8987		19.15	19.15		0.	-283	5.07	-76.		0.	-247	0.000		0.	-216	3.88	0.000	
8988		19.15	19.15		0.	-114	2.05	-31.		0.	-121	0.000		198	-114	1.64	0.000	
8989		19.15	19.15		0.	-188	3.37	-50.		0.	-172	0.000		0.	-147	2.64	0.000	
8991		19.15	19.15		0.	-89	1.59	-24.		78	-98	0.000		293	-89	1.00	0.000	
8992		19.15	19.15		0.	-235	4.21	-63.		0.	-206	0.000		0.	-167	3.00	0.000	
8993		19.15	19.15		0.	-293	5.26	-79.		0.	-243	0.000		0.	-191	3.42	0.000	
8994		19.15	19.15		0.	-337	6.04	-91.		0.	-266	0.000		115	-200	3.35	0.000	
8995		19.15	19.15		0.	105	0.00	275.		0.	161	0.063		0.	214	0.00	0.084	
8996		19.15	19.15		0.	142	0.00	371.		0.	204	0.080		0.	259	0.00	0.102	
8997		19.15	19.15		0.	230	0.00	601.		0.	283	0.111		0.	302	0.00	0.119	
8998		19.15	19.15		1847	259	0.00	943.		1493	293	0.124		1150	320	0.00	0.132	
8999		19.15	19.15		0.	142	0.00	371.		0.	200	0.078		0.	211	0.00	0.083	
9000		19.15	19.15		1364	94	1.30	443.		1056	132	0.059		765	160	0.00	0.067	
9001		19.15	19.15		0.	-352	6.32	-95.		0.	-274	0.000		0.	-200	3.59	0.000	
9002		19.15	19.15		0.	-366	6.57	-99.		0.	-283	0.000		71	-203	3.49	0.000	
9003		19.15	19.15		0.	-420	7.53	-113.		0.	-324	0.000		0.	-230	4.13	0.000	
9005		19.15	19.15		0.	23	0.00	59.		0.	101	0.040		0.	191	0.00	0.075	
9006		19.15	19.15		0.	67	0.00	174.		0.	136	0.054		0.	203	0.00	0.080	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9008		19.15	19.15		0.	36	0.00	94.		0.	111	0.044		0.	202	0.00	0.080	
9009		19.15	19.15		0.	73	0.00	191.		0.	149	0.059		0.	224	0.00	0.088	
9010		19.15	19.15		492	26	1.03	137.		1011	83	0.041		1020	87	0.00	0.042	
9011		19.15	19.15		252	24	0.00	100.		787	87	0.040		869	108	0.00	0.048	
9013		19.15	19.15		401	30	0.15	136.		848	66	0.033		893	74	0.00	0.036	
9014		19.15	19.15		125	22	0.00	74.		715	109	0.047		825	147	0.00	0.063	
9015		19.15	19.15		0.	18	0.00	48.		245	112	0.045		441	171	0.00	0.069	
9017		19.15	19.15		50	23	0.00	66.		622	97	0.042		747	129	0.00	0.055	
9019		19.15	19.15		0.	8	0.00	21.		0.	119	0.047		0.	199	0.00	0.078	
9020		19.15	19.15		0.	15	0.00	39.		0.	112	0.044		0.	184	0.00	0.072	
9021		19.15	19.15		0.	17	0.00	43.		0.	122	0.048		149	186	0.00	0.074	
9023		19.15	19.15		0.	8	0.00	21.		0.	121	0.048		0.	209	0.00	0.082	
9024		19.15	19.15		0.	7	0.00	19.		0.	112	0.044		0.	199	0.00	0.078	
9026		19.15	19.15		0.	7	0.00	19.		0.	120	0.047		0.	204	0.00	0.080	
9027		19.15	19.15		0.	147	0.00	384.		0.	147	0.058		69	167	0.00	0.066	
9028		19.15	19.15		0.	213	0.00	555.		0.	229	0.090		0.	225	0.00	0.089	
9029		19.15	19.15		0.	232	0.00	606.		0.	272	0.107		0.	273	0.00	0.107	
9030		19.15	19.15		0.	254	0.00	664.		0.	271	0.106		0.	272	0.00	0.107	
9031		19.15	19.15		1015	384	0.00	1149.		657	374	0.150		379	364	0.00	0.144	
9032		19.15	19.15		1467	456	0.00	1404.		1236	457	0.186		1093	456	0.00	0.184	
9033		19.15	19.15		1313	7	4.59	198.		1498	6	0.018		1578	13	5.46	0.021	
9034		19.15	19.15		1200	16	4.06	204.		1362	9	0.017		1442	14	4.96	0.020	
9036		19.15	19.15		532	6	1.82	88.		752	36	0.020		896	51	1.67	0.027	
9040		19.15	19.15		456	-258	3.69	-79.		562	-80	0.000		558	-78	0.26	0.000	
9041		19.15	19.15		292	-185	2.73	-56.		404	-82	0.000		411	-87	0.72	0.000	
9042		19.15	19.15		82	-54	0.79	-16.		197	-53	0.000		232	-98	1.29	0.000	
9043		19.15	19.15		0.	-291	5.21	-78.		0.	-194	0.000		0.	-98	1.75	0.000	
9044		19.15	19.15		0.	-203	3.65	-55.		0.	-155	0.000		0.	-100	1.79	0.000	
9045		19.15	19.15		0.	-68	1.23	-18.		0.	-96	0.000		0.	-109	1.96	0.000	
9046		19.15	19.15		0.	-216	3.87	-58.		0.	-175	0.000		0.	-78	1.40	0.000	
9047		19.15	19.15		0.	-157	2.82	-42.		0.	-151	0.000		0.	-72	1.30	0.000	
9048		19.15	19.15		0.	-64	1.15	-17.		0.	-112	0.000		0.	-68	1.22	0.000	
9049		19.15	19.15		0.	-151	2.70	-41.		0.	-157	0.000		0.	-88	1.58	0.000	
9050		19.15	19.15		0.	-116	2.09	-31.		0.	-143	0.000		0.	-71	1.28	0.000	
9051		19.15	19.15		0.	-60	1.07	-16.		0.	-116	0.000		0.	-48	0.86	0.000	
9052		19.15	19.15		0.	-120	2.16	-32.		0.	-110	0.000		0.	-108	1.93	0.000	
9053		19.15	19.15		63	-96	1.60	-27.		0.	-110	0.000		0.	-84	1.51	0.000	
9054		19.15	19.15		647	-66	0.13	-32.		374	-89	0.000		220	-43	0.32	0.000	
9056		19.15	19.15		1189	-246	1.99	-92.		1190	-111	0.000		1183	-73	4.12	0.002	
9057		19.15	19.15		1173	-277	2.58	-100.		1203	-93	0.000		1198	-71	4.17	0.002	
9058		19.15	19.15		1362	-273	2.12	-103.		1336	-103	0.001		1329	-57	4.71	0.004	
9060		19.15	19.15		936	-188	1.46	-71.		972	-109	0.000		999	-90	0.43	0.000	
9061		19.15	19.15		1006	-231	2.09	-84.		1048	-102	0.000		1051	-87	3.79	0.000	
9062		19.15	19.15		1124	-231	1.85	-87.		1131	-114	0.000		1124	-78	3.94	0.001	
9064		19.15	19.15		279	-73	0.74	-26.		414	-77	0.000		502	-120	1.12	0.000	
9065		19.15	19.15		542	-139	1.39	-49.		635	-83	0.000		682	-109	0.57	0.000	
9066		19.15	19.15		717	-159	1.40	-59.		799	-99	0.000		846	-100	0.07	0.000	
9076		28.79	28.79		1138	-373	4.22	-119.		0.	-397	0.000		0.	-322	5.49	0.000	
9077		28.79	28.79		0.	-371	6.32	-95.		53	-291	0.000		190	-215	3.31	0.000	
9078		28.79	28.79		0.	-306	5.21	-78.		0.	-220	0.000		293	-138	1.80	0.000	
9079		21.56	19.15		0.	-266	4.74	-71.		0.	-183	0.000		26	-103	1.78	0.000	
9080		19.15	19.15		0.	-261	4.69	-70.		0.	-182	0.000		0.	-106	1.91	0.000	
9081		19.15	19.15		0.	-234	4.21	-63.		0.	-171	0.000		0.	-110	1.97	0.000	
9082		19.15	19.15		91	-199	3.38	-56.		115	-139	0.000		135	-81	1.19	0.000	
9083		19.15	19.15		721	-202	2.16	-70.		605	-144	0.000		482	-88	0.60	0.000	
9085		19.15	19.15		1348	-265	2.01	-101.		1067	-192	0.000		784	-122	0.59	0.000	
9086		19.15	19.15		1255	-175	0.58	-75.		1000	-144	0.000		742	-115	0.56	0.000	
9088		19.15	19.15		1245	-164	0.42	-72.		992	-138	0.000		737	-115	0.56	0.000	
9089		28.79	28.79		2563	-697	7.03	-231.		257	-578	0.000		0.	-484	8.26	0.000	
9090		28.79	28.79		61	-657	11.09	-169.		109	-549	0.000		156	-445	7.30	0.000	
9091		28.79	28.79		0.	-536	9.14	-137.		83	-443	0.000		505	-393	5.75	0.000	
9092		21.56	21.56		0.	-452	8.00	-120.		0.	-387	0.000		404	-349	5.37	0.000	
9093		19.15	19.15		0.	-386	6.92	-104.		0.	-354	0.000		191	-318	5.32	0.000	
9096		19.15	19.15		30	-286	5.08	-78.		170	-285	0.000		310	-288	4.53	0.000	
9098		19.15	19.15		0.	-365	6.55	-98.		0.	-326	0.000		147	-275	4.64	0.000	
9100		19.15	19.15		0.	-343	6.15	-92.		64	-319	0.000		237	-281	4.57	0.000	
9101		19.15	19.15		0.	-321	5.76	-86.		196	-343	0.000		350	-317	4.97	0.000	
9102		19.15	19.15		0.	-347	6.22	-93.		146	-319	0.000		277	-266	4.20	0.000	
9104		19.15	19.15		74	-317	5.54	-87.		227	-310	0.000		325	-273	4.23	0.000	
9105		19.15	19.15		120	-272	4.64	-76.		375	-338	0.000		462	-305	4.53	0.000	
9106		19.15	19.15		0.	-277	4.96	-74.		0.	-286	0.000		0.	-281	5.05	0.000	
9107		19.15	19.15		0.	-318	5.71	-86.		0.	-298	0.000		0.	-282	5.05	0.000	
9109		19.15	19.15		0.	-275	4.93	-74.		0.	-270	0.000		0.	-269	4.83	0.000	
9110		28.79	28.79		3638	-648	4.17	-240.		1178	-492	0.000		0.	-494	8.42	0.000	
9111		28.79	28.79		6240	-319	19.60	131.		3280	-329	0.000		325	-343	5.24	0.000	
9112		28.79	28.79		208	-535	8.73	-141.		195	-484	0.000		184	-438	7.12	0.000	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9113		28.79	28.79		209	-473	7.66	-125.		246	-436	0.000		283	-337	5.21	0.000	
9114		28.79	28.79		0.	-451	7.69	-115.		0.	-394	0.000		391	-371	5.58	0.000	
9115		28.79	28.79		0.	-377	6.43	-96.		0.	-353	0.000		170	-322	5.16	0.000	
9116		21.56	21.56		0.	-415	7.35	-110.		0.	-359	0.000		295	-325	5.17	0.000	
9117		21.56	21.56		0.	-372	6.58	-99.		0.	-327	0.000		70	-286	4.92	0.000	
9118		19.15	19.15		0.	-386	6.93	-104.		0.	-342	0.000		122	-297	5.08	0.000	
9119		19.15	19.15		0.	-381	6.83	-102.		0.	-319	0.000		0.	-259	4.65	0.000	
9121		19.15	19.15		0.	-394	7.06	-106.		0.	-338	0.000		123	-266	4.51	0.000	
9123		19.15	19.15		0.	-416	7.46	-112.		2	-338	0.000		196	-246	4.02	0.000	
9124		19.15	19.15		0.	-357	6.40	-96.		118	-312	0.000		258	-270	4.32	0.000	
9125		19.15	19.15		0.	-431	7.73	-116.		57	-328	0.000		190	-228	3.71	0.000	
9126		19.15	19.15		0.	-356	6.39	-96.		0.	-313	0.000		0.	-274	4.91	0.000	
9127		19.15	19.15		0.	-384	6.89	-103.		0.	-299	0.000		0.	-216	3.88	0.000	
9128		19.15	19.15		0.	-372	6.67	-100.		94	-324	0.000		244	-257	4.12	0.000	
9129		19.15	19.15		0.	-356	6.38	-96.		178	-345	0.000		323	-275	4.27	0.000	
9130		19.15	19.15		24	-339	6.03	-92.		194	-320	0.000		307	-269	4.20	0.000	
9132		19.15	19.15		0.	-379	6.79	-102.		0.	-327	0.000		110	-266	4.55	0.000	
9133		19.15	19.15		0.	-366	6.57	-99.		0.	-345	0.000		225	-289	4.73	0.000	
9134		19.15	19.15		0.	-357	6.40	-96.		11	-324	0.000		211	-276	4.52	0.000	
9136		28.79	28.79		5293	72	14.36	610.		4407	128	0.041		3540	84	8.87	0.030	
9137		28.79	28.79		7201	82	19.81	802.		5939	135	0.050		4703	107	11.87	0.039	
9140		28.79	28.79		5476	72	14.90	627.		4530	116	0.040		3601	114	8.31	0.035	
9141		28.79	28.79		6414	65	17.78	701.		5363	102	0.042		4333	109	10.70	0.038	
9144		28.79	28.79		5421	41	15.24	568.		4492	66	0.032		3581	88	8.90	0.031	
9145		28.79	28.79		5927	15	17.09	570.		4961	37	0.030		4018	68	10.65	0.030	
9148		28.79	28.79		5788	-11	17.00	514.		4827	5	0.025		3885	45	10.67	0.026	
9149		28.79	28.79		6467	-51	19.38	509.		5405	-34	0.024		4367	18	12.50	0.024	
9152		28.79	28.79		6250	-70	18.90	459.		5123	-53	0.021		4017	-2	11.73	0.020	
9153		28.79	28.79		6956	-85	21.08	499.		5642	-68	0.022		4352	-16	12.86	0.020	
9156		28.79	28.79		6366	-129	19.59	377.		4970	-94	0.017		3595	64	9.46	0.027	
9157		28.79	28.79		6274	-131	19.33	365.		4903	-92	0.016		3554	71	9.20	0.028	
9159		28.79	28.79		6618	-139	20.39	385.		5064	-97	0.017		3531	63	9.28	0.027	
9160		28.79	28.79		5728	-139	17.72	305.		4604	-105	0.014		3502	52	9.42	0.025	
9161		28.79	28.79		5566	-155	17.28	269.		4482	-121	0.012		3410	36	9.42	0.022	
9163		28.79	28.79		6034	-139	18.64	333.		4763	-101	0.015		3514	62	9.27	0.027	
9164		28.79	28.79		4897	-10	14.39	433.		4004	-3	0.020		3130	5	9.06	0.016	
9165		28.79	28.79		4595	-42	13.82	353.		3720	-32	0.016		2868	-21	8.58	0.012	
9167		28.79	28.79		5278	-157	16.41	241.		4274	-127	0.011		3212	19	9.11	0.019	
9168		28.79	28.79		4243	-86	13.06	251.		3426	-73	0.011		2629	-58	8.11	0.008	
9169		28.79	28.79		4127	-135	12.85	173.		3323	-112	0.007		2535	-90	7.90	0.005	
9171		28.79	28.79		4391	-67	13.40	293.		3556	-56	0.013		2740	-42	8.37	0.010	
9172		28.79	28.79		4183	-182	13.08	119.		3370	-158	0.005		2575	-128	8.08	0.003	
9173		28.79	28.79		4214	-156	13.15	153.		3342	-161	0.004		2490	-155	7.93	0.002	
9175		28.79	28.79		4081	-168	12.75	127.		3269	-141	0.005		2475	-112	7.75	0.004	
9176		28.79	28.79		3895	-76	11.97	236.		3121	-83	0.009		2364	-92	7.38	0.004	
9177		28.79	28.79		5068	-25	15.05	423.		3959	-38	0.016		2870	-53	8.81	0.010	
9179		28.79	28.79		4327	-125	13.44	203.		3480	-131	0.007		2642	-141	8.31	0.003	
9180		28.79	28.79		3896	-75	11.97	237.		2760	-36	0.011		1904	43	4.81	0.016	
9181		28.79	28.79		7387	-39	21.96	613.		5331	12	0.028		3286	96	7.78	0.031	
9183		28.79	28.79		4939	-119	15.28	265.		3721	-85	0.011		2694	-12	7.99	0.012	
9191		28.79	28.79		0.	-238	4.05	-61.		98	-206	0.000		726	-191	1.88	0.000	
9192		21.56	21.56		0.	-234	4.14	-62.		0.	-206	0.000		95	-182	3.03	0.000	
9193		19.15	19.15		0.	-256	4.58	-69.		0.	-228	0.000		0.	-203	3.64	0.000	
9194		19.15	19.15		0.	-313	5.61	-84.		0.	-275	0.000		22	-242	4.30	0.000	
9195		19.15	19.15		7	-348	6.23	-94.		218	-293	0.000		289	-274	4.32	0.000	
9197		28.79	28.79		0.	-179	3.06	-46.		60	-174	0.000		671	-164	1.53	0.000	
9198		21.56	21.56		0.	-181	3.21	-48.		0.	-167	0.000		86	-156	2.58	0.000	
9199		19.15	19.15		0.	-227	4.08	-61.		0.	-200	0.000		0.	-175	3.14	0.000	
9200		19.15	19.15		0.	-297	5.33	-80.		0.	-253	0.000		61	-214	3.71	0.000	
9201		19.15	19.15		0.	-363	6.51	-98.		124	-282	0.000		194	-257	4.21	0.000	
9203		28.79	28.79		0.	-144	2.45	-37.		57	-155	0.000		676	-145	1.20	0.000	
9204		21.56	21.56		0.	-155	2.74	-41.		0.	-145	0.000		86	-138	2.27	0.000	
9205		19.15	19.15		0.	-214	3.85	-58.		0.	-185	0.000		0.	-159	2.85	0.000	
9206		19.15	19.15		0.	-292	5.24	-79.		0.	-244	0.000		72	-199	3.42	0.000	
9207		19.15	19.15		0.	-346	6.21	-93.		89	-264	0.000		153	-237	3.94	0.000	
9209		28.79	28.79		0.	-80	1.36	-20.		0.	-123	0.000		684	-110	0.58	0.000	
9210		21.56	21.56		0.	-97	1.72	-26.		0.	-98	0.000		76	-100	1.63	0.000	
9211		19.15	19.15		0.	-180	3.23	-48.		0.	-151	0.000		9	-124	2.20	0.000	
9212		19.15	19.15		0.	-266	4.77	-72.		0.	-213	0.000		92	-162	2.73	0.000	
9213		19.15	19.15		0.	-292	5.24	-79.		67	-216	0.000		107	-189	3.18	0.000	
9215		19.15	19.15		1827	36	5.93	344.		1904	14	0.025		1918	11	6.70	0.024	
9216		19.15	19.15		1575	32	5.10	298.		1685	16	0.023		1709	14	5.91	0.023	
9217		19.15	19.15		1839	13	6.40	283.		1956	1	0.021		1966	1	7.00	0.021	
9218		28.79	28.79		18422	-29	54.04	1642.		14169	-26	0.069		9923	165	26.35	0.074	
9219		28.79	28.79		0.	312	0.00	541.		0.	365	0.065		0.	431	0.00	0.077	
9220		26.38	26.38		0.	504	0.00	955.		0.	530	0.112		0.	546	0.00	0.115	

RELAZIONE DI CALCOLO - CABINE IMPIANTI VOLUME 2 DI 2

9224		28.79	28.79		19517	-68	57.65	1679.		15004	-51	0.071		10498	137	28.56	0.072	
9225		28.79	28.79		0.	308	0.00	535.		0.	359	0.064		0.	423	0.00	0.075	
9226		26.38	26.38		0.	504	0.00	955.		0.	530	0.112		0.	547	0.00	0.115	
9230		28.79	28.79		20604	-111	61.26	1707.		15831	-59	0.077		11064	135	30.28	0.075	
9231		28.79	28.79		0.	291	0.00	506.		0.	352	0.063		0.	424	0.00	0.075	
9232		26.38	26.38		0.	500	0.00	947.		0.	529	0.112		0.	550	0.00	0.116	
9236		28.79	28.79		0.	-808	13.78	-207.		0.	-682	0.000		0.	-679	11.57	0.000	
9237		28.79	28.79		0.	-798	13.61	-204.		0.	-671	0.000		0.	-668	11.39	0.000	
9238		21.56	21.56		0.	-787	13.93	-209.		0.	-660	0.000		0.	-657	11.63	0.000	
9239		19.15	19.15		0.	-813	14.59	-219.		0.	-725	0.000		0.	-645	11.57	0.000	
9240		19.15	19.15		0.	-803	14.40	-216.		0.	-714	0.000		0.	-634	11.37	0.000	
9241		19.15	19.15		0.	-783	14.04	-211.		263	-642	0.000		739	-618	9.58	0.000	
9242		19.15	19.15		1714	-221	0.48	-97.		1663	-99	0.002		1629	-57	5.85	0.007	
9243		19.15	19.15		1685	-260	1.24	-107.		1607	-98	0.002		1585	-53	5.71	0.007	
9245		19.15	19.15		1593	-163	0.31	-79.		1513	-30	0.010		1481	-11	5.37	0.014	
9246		19.15	19.15		1577	-322	2.57	-121.		1559	-148	0.000		1543	-74	5.42	0.004	
9247		19.15	19.15		1565	-340	2.90	-126.		1509	-134	0.000		1491	-80	5.20	0.003	
9249		19.15	19.15		1669	-305	2.06	-119.		1602	-107	0.002		1579	-59	5.65	0.006	
9250		19.15	19.15		1060	-306	3.33	-106.		1069	-179	0.000		1121	-90	4.02	0.000	
9251		19.15	19.15		952	-280	3.09	-96.		965	-165	0.000		1038	-106	0.20	0.000	
9253		19.15	19.15		1307	-342	3.47	-121.		1243	-142	0.000		1272	-85	4.44	0.001	
9254		28.79	28.79		0.	-366	6.23	-94.		0.	-286	0.000		0.	-284	4.84	0.000	
9255		28.79	28.79		0.	-345	5.88	-88.		0.	-180	0.000		0.	-137	2.33	0.000	
9256		28.79	28.79		1930	-231	0.29	-98.		744	-43	0.001		411	83	0.00	0.016	
9257		28.79	28.79		0.	-524	8.94	-134.		0.	-309	0.000		0.	-233	3.97	0.000	
9258		28.79	28.79		0.	-405	6.91	-104.		0.	-194	0.000		0.	-104	1.77	0.000	
9259		28.79	28.79		0.	-301	5.13	-77.		0.	-63	0.000		229	67	0.00	0.012	
9260		28.79	28.79		0.	-664	11.33	-170.		0.	-431	0.000		0.	-203	3.47	0.000	
9261		28.79	28.79		0.	-483	8.24	-124.		0.	-297	0.000		0.	-114	1.94	0.000	
9262		28.79	28.79		0.	-330	5.62	-84.		0.	-162	0.000		0.	3	0.00	0.001	
9263		19.15	19.15		0.	-629	11.28	-169.		0.	-436	0.000		0.	-193	3.45	0.000	
9264		19.15	19.15		0.	-495	8.87	-133.		0.	-319	0.000		0.	-140	2.51	0.000	
9265		19.15	19.15		0.	-338	6.07	-91.		0.	-204	0.000		0.	-72	1.29	0.000	
9266		19.15	19.15		0.	-603	10.82	-162.		0.	-458	0.000		0.	-197	3.54	0.000	
9267		19.15	19.15		0.	-433	7.76	-116.		0.	-350	0.000		0.	-172	3.08	0.000	
9268		19.15	19.15		0.	-257	4.61	-69.		0.	-247	0.000		0.	-139	2.49	0.000	
9269		19.15	19.15		0.	-599	10.74	-161.		0.	-434	0.000		12	-203	3.61	0.000	
9270		19.15	19.15		0.	-397	7.13	-107.		0.	-333	0.000		113	-193	3.23	0.000	
9271		19.15	19.15		0.	-183	3.28	-49.		0.	-221	0.000		118	-180	3.00	0.000	
9275		19.15	19.15		0.	-598	10.72	-161.		0.	-418	0.000		0.	-195	3.49	0.000	
9276		19.15	19.15		0.	-513	9.21	-138.		0.	-378	0.000		0.	-192	3.44	0.000	
9278		19.15	19.15		0.	-655	11.75	-176.		0.	-449	0.000		3	-191	3.43	0.000	
9279		19.15	19.15		0.	-185	3.33	-50.		0.	-200	0.000		0.	-181	3.24	0.000	
9280		19.15	19.15		0.	-97	1.75	-26.		0.	-161	0.000		0.	-180	3.22	0.000	
9282		19.15	19.15		0.	-227	4.06	-61.		0.	-231	0.000		0.	-184	3.31	0.000	
9283		19.15	19.15		0.	-367	6.59	-99.		0.	-300	0.000		0.	-187	3.35	0.000	
9286		19.15	19.15		0.	-427	7.66	-115.		0.	-332	0.000		0.	-188	3.37	0.000	
9362		28.79	28.79		7204	-135	22.12	443.		5454	-110	0.018		3724	-39	11.24	0.015	
9363		28.79	28.79		7680	-145	23.59	472.		5757	-115	0.019		3856	-35	11.59	0.016	
9365		28.79	28.79		7499	-127	22.96	483.		5784	-101	0.020		4092	-34	12.28	0.017	
9366		28.79	28.79		7206	-145	22.17	429.		5217	-114	0.016		3246	-23	9.70	0.014	
9367		28.79	28.79		7249	-148	22.31	428.		5205	-109	0.017		3179	-5	9.33	0.015	
9369		28.79	28.79		7630	-144	23.43	468.		5633	-112	0.018		3657	-26	10.93	0.016	
9370		28.79	28.79		7036	-134	21.62	431.		5087	-97	0.017		3156	20	8.93	0.019	
9371		28.79	28.79		6972	-134	21.43	424.		5101	-89	0.018		3214	42	8.75	0.022	
9373		28.79	28.79		6989	-140	21.50	417.		4983	-99	0.016		2994	12	8.57	0.017	
9374		28.79	28.79		6890	-136	21.19	414.		5155	-95	0.017		3439	51	9.26	0.025	
9375		28.79	28.79		6832	-146	21.06	393.		5142	-100	0.017		3473	58	9.21	0.026	
9377		28.79	28.79		6924	-140	21.31	411.		5130	-92	0.018		3276	50	8.78	0.024	
9379		28.79	28.79		6400	-167	19.84	325.		3726	-180	0.005		1060	-196	1.34	0.000	
9380		28.79	28.79		6393	-128	19.67	382.		3730	-175	0.005		1074	-225	1.80	0.000	
9381		28.79	28.79		6589	-145	20.33	374.		3822	-177	0.005		1062	-212	1.61	0.000	
9383		28.79	28.79		6157	-209	19.18	246.		3639	-191	0.004		1099	-175	0.90	0.000	
9384		28.79	28.79		6190	-161	19.18	315.		3645	-178	0.005		1106	-199	1.29	0.000	
9385		28.79	28.79		6204	-178	19.27	292.		3639	-182	0.004		1043	-188	1.23	0.000	
9387		28.79	28.79		5932	-162	18.41	291.		3484	-169	0.004		1056	-157	0.68	0.000	
9388		28.79	28.79		6099	-160	18.91	308.		3602	-169	0.005		1113	-180	0.97	0.000	
9389		28.79	28.79		6157	-209	19.18	246.		3639	-191	0.004		1099	-175	0.90	0.000	
9391		28.79	28.79		6189	-31	18.38	516.		3655	-88	0.011		1101	-136	0.24	0.000	
9392		28.79	28.79		6099	-20	18.01	526.		3568	-82	0.011		1078	-145	0.44	0.000	
9393		28.79	28.79		5955	-116	18.31	360.		3490	-140	0.006		1031	-155	0.69	0.000	

1.8 PILASTRO

VERIFICA PILASTRO IN CEMENTO ARMATO

Nome pilastro : P001 (ID=1)
 Aste : 2
 Metodo di verifica : stati limite - NTC08 (q=1) ->
 Duttilita' : bassa senza gerarchia.
 Unita' di misura : cm; daN; daN/cm; daNcm; daN/cm2; deform. %; 1/r ‰(permille)
 Unita' particolari : fessure [Wk]:mm - ferri:mm e cm2 - sezioni:cm e derivate.
 Copriferri (assi) : longitudinali= 7 ; staffe= 5
 Imperfezioni : M minimo = N * e0 ; M aggiunto = N * ei
 Instabilita' : snellezza limite [EC2 5.8.3.1]

MATERIALI

CLS : C25/30; Rck=300; fck=249; fctk=17.91; fctm=25.58; Ecm=314472;
 gc=1.5; fcd=141.1; fbd=26.86; fctd=11.94; Ecu=0.35%
 ACCIAIO: B450C; ftk=5175; fyk=4500; Es=2100000;
 gs=1.15; fyd=3913; ftd=4500; fud=4439.8; Eud=6.75%

TENSIONI MASSIME IN ESERCIZIO

GRUPPO : ordinario.
 CLS : Scls(rara)=149.4; Scls(quasi permanente)=112; fbd(esercizio)=26.86
 ACCIAIO: Sacc(rara)=3600; Coeff.Omogeneizzazione=15

CASI DI CARICO

Nome	Descrizione	Tipo	Ses
1	SLU SENZA SISMA 1	SLU (statico)	1
2	SLU SENZA SISMA 2	SLU (statico)	1
5	SLU con SISMAX PRINC	SLU (sismico)	16
6	SLU con SISMAY PRINC	SLU (sismico)	16
13	Rara 1	RARA	1
14	Rara 2	RARA	1
15	Frequente 1	FREQUENTE	1
16	Frequente 2	FREQUENTE	1
17	Quasi Perm	QUASI PERMAN.	1

<-

SEZIONI UTILIZZATE

1) Rettangolare: base=50; alt.=50; Acls=2500; iy=14.43; iz=14.43

DESCRIZIONE ASTE E ARMATURA LONGITUDINALE

As	Se	e0z	e0y	leiz	leiy	Lassi	Lnet	Lcr.I	Lcr.S	Af	% arm	
1	1	2.5	2.5	1.67	1.67	502.	452.	76.	76.	37.7	1.508	12Ø20

VERIFICHE ALLO STATO LIMITE ULTIMO

PRESSO-FLESSIONE (includere le imperfezioni):

Asta	Caso	NEd	MEyd	MEzd	E cls	Scls	E acc	Sacc	VE		
> 1	2- 1	-97982.	-408913.	18.77	-408913.	16.74	-.049	-61.2	-.006	-133.	SI
1	2- 1	-95944.	6584.	1.	13634.	1.	-.024	-32.1	-.023	-486.8	SI
1	2- 1	-93905.	391898.	16.55	391898.	14.46	-.047	-58.8	-.006	-127.8	SI

SNELLEZZA LIMITE Y [EC2 5.8.3.1]:

Asta	Caso	NEd	MEyd inf	MEyd sup	10	A	B	C	nu	L lim	Lambd	VE
1	2- 1	-97982.4	-46642.2	59810.6	502.	1.7	1.36	2.48	.278	89.27	34.78	SI

SNELLEZZA LIMITE Z [EC2 5.8.3.1]:

Asta	Caso	NEd	MEzd inf	MEzd sup	10	A	B	C	nu	L lim	Lambd	VE
1	2- 1	-97982.4	-60672.6	87940.3	502.	1.7	1.36	2.39	.278	86.03	34.78	SI

TAGLIO Y:

Asta	Caso	VEd	VRd	VRsd	VRcd	Asw	s	ctgT	VE	
1	I	5- 3	1068.8	47574.6	47574.6	56488.7	1.51	12.	2.5	SI
1	C	5- 3	1068.8	20031.4	20031.4	56488.7	1.01	19.	2.5	SI
1	S	5- 3	1068.8	47574.6	47574.6	56488.7	1.51	12.	2.5	SI

TAGLIO Z:

Asta	Caso	VEd	VRd	VRsd	VRcd	Asw	s	ctgT	VE	
1	I	6-13	-1323.8	47574.6	47574.6	56488.7	1.51	12.	2.5	SI
1	C	6-13	-1323.8	20031.4	20031.4	56488.7	1.01	19.	2.5	SI
1	S	6-13	-1323.8	47574.6	47574.6	56488.7	1.51	12.	2.5	SI

NEd LIMITE (NEd < Nmax , Nmax=65% di Ncls ; Ncls=fcd*Ac) [7.4.4.2.2.1]:

Asta	Caso	NEd	Nmax	Ncls	% Ncls	VE

1 | 6-13 | -76483.7 | -229287.5 | -352750. | 21.68 | SI |

VERIFICHE ALLO STATO LIMITE DI ESERCIZIO

RARE:

Asta	Caso	NEd	MEyd	MEzd	ScIs	Sacc	VE
1 I	14- 1	-73972.6	-48224.8	-34318.5	-27.6	-331.7	SI
1 C	14- 1	-72404.5	3575.9	11755.2	-24.5	-352.2	SI
1 S	14- 1	-70836.4	55376.7	57828.9	-27.8	-303.3	SI

FREQUENTI:

Asta	Caso	NEd	MEyd	MEzd	ScIs	Sacc	VE
1 I	16- 1	-74275.2	-56295.4	-17785.6	-27.4	-336.8	SI
1 C	16- 1	-72707.1	1871.6	13013.4	-24.6	-353.9	SI
1 S	16- 1	-71138.9	60038.7	43812.4	-27.5	-308.7	SI

QUASI PERMANENTI:

Asta	Caso	NEd	MEyd	MEzd	ScIs	Sacc	VE
1 I	17- 1	-73601.8	-56181.4	-17787.3	-27.2	-333.5	SI
1 C	17- 1	-72033.7	1865.	12980.4	-24.4	-350.6	SI
1 S	17- 1	-70465.5	59911.3	43748.1	-27.3	-305.4	SI

2 VERIFICHE GEOTECNICHE

Dato che la fondazione si articola su più livelli le verifiche geotecniche sono condotte come segue:

- si modifica il modello di calcolo inserendo vincoli a incastro nel baricentro dei singoli settori di fondazione;
- si leggono le reazioni vincolari e si applicano con segno cambiato sui singoli settori di fondazione eseguendo per ognuno di essi verifiche separate.

I segni delle sollecitazioni sono presi per massimizzare le tensioni sul terreno. Non si considera la verifica a scorrimento in quanto la struttura è prevalentemente interrata.

Il calcolo della capacità portante viene eseguito secondo la formula trinomia, considerando separatamente i contributi dovuti alla coesione, al sovraccarico laterale ed al peso del terreno.

Per le verifiche in condizioni drenate, si utilizzano i coefficienti di capacità portante N_q (Prandtl, 1921), N_c (Reissner, 1924), N_γ (Vesic, 1973), i coefficienti correttivi dovuti alla forma della fondazione (s , Meyerhof, 1951 e 1963), all'approfondimento (d , Brinch Hansen, 1970), all'inclinazione del carico (i , Vesic, 1973), all'inclinazione del piano di posa (b , Vesic, 1973), all'inclinazione del piano campagna (g , Vesic, 1973).

Nel caso di terreno eterogeneo (litologie differenti, presenza di falda), i parametri meccanici utilizzati nel calcolo sono ottenuti come media ponderata dei valori rinvenuti all'interno del cuneo di rottura.

La resistenza a scorrimento, viene ottenuta sommando i contributi del carico normale al piano di posa moltiplicato per il coefficiente d'attrito, e dell'area del piano di posa (eventualmente ridotta per carico verticale eccentrico) per l'adesione fondazione-terreno. In condizioni drenate, l'attrito fondazione terreno è assunto pari all'angolo di resistenza al taglio, l'adesione fondazione terreno è trascurata (assunta pari a 0).

2.1 FONDAZIONE BASSA

L'inviluppo delle sollecitazioni conduce al seguente sistema di forze applicate al baricentro della fondazione (non si considera il torcente). Le sollecitazioni anche se non contemporaneamente presenti si assumono, a favore di sicurezza, come tali.

FZ	1893200 daN
MX	5314500 daNcm
MY	519380 daNcm

Descrizione della fondazione

La fondazione ha piano di posa rettangolare, con lato X di 1270 [cm], lato Y di 1340 [cm], e centro alla quota $z = -225$ [cm]. Il piano di posa è orizzontale.

Descrizione del terreno

La stratigrafia è omogenea, presenta un solo strato							
n.	nome	z_i [cm]	z_f [cm]	γ_d [daN/cm ³]	γ_t [daN/cm ³]	c' [daN/cm ²]	ϕ' [°]
1	Sabbia	0	-7000	0.002	0.002	0	34
La stratigrafia non contiene una falda							

Sollecitazioni al piano di posa

Si riportano di seguito le componenti della sollecitazione applicata e la distanza del punto di applicazione dal centro del piano di posa della fondazione.

Rispetto al sistema di rif. globale:								
Caso	Fx [daN]	Fy [daN]	Fz [daN]	Mx [daN*cm]	My [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	0	0	-1893200	5314500	519380	0	0	10
Rispetto al sistema di rif. locale (centro piano di posa):								
Caso	Hx [daN]	Hy [daN]	Vz [daN]	Mx [daN*cm]	My [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	0	0	-1893200	4781140	551159	-	-	-

Le sollecitazioni applicate provocano un' eccentricità lungo X (max = 0.29 [cm]) e lungo Y (max = 2.53 [cm]), perciò le verifiche vengono eseguite sulla fondazione ridotta rettangolare.

Caso	ecc. X [cm]	ecc. Y [cm]	Asse B	Asse L
1-1	0.29	2.53	asse X	asse Y

Capacità portante

Le seguenti tabelle elencano il valore dell'angolo di resistenza al taglio, del peso di volume alleggerito, della coesione efficace, del sovraccarico alleggerito, e dei fattori e coefficienti introdotti nel calcolo della capacità portante.

Caso	γ_ϕ	γ_γ	ϕ [°]	γ' [daN/cm ³]	N_γ	s_γ	d_γ	$i_{b\gamma}$	$i_{l\gamma}$	b_γ	g_γ	$q'_{lim,\gamma}$ [daN/cm ²]
1-1	1.00	1.00	29	0.002	19.34	1.27	1.00	1.00	0.93	1.00	1.00	29.01
Caso	$\gamma_{c'}$	c' [daN/cm ²]	N_c	s_c	d_c	i_{bc}	i_{lc}	b_c	g_c	$q'_{lim,c}$ [daN/cm ²]		
1-1	1.00	0	27.86	1.55	1.06	1.00	0.96	1.00	1.00	0		
Caso	q' [daN/cm ²]	N_q	s_q	d_q	i_{bq}	i_{lq}	b_q	g_q	$q'_{lim,q}$ [daN/cm ²]			
1-1	0.45	16.44	1.27	1.05	1.00	0.96	1.00	1.00	9.48			

Segue il confronto fra la pressione limite ed applicata.

Caso	$\gamma_{R,v}$	q'_{lim} [daN/cm ²]	A [cm ²]	R_d [daN]	E_d [daN]	Verifica
1-1	2.30	16.99	1694608.14	28789190.1	1893200	SI (28789190.1/1893200 = 15.21 >= 1.0)

2.2 FONDAZIONE MEDIA 1

L'inviluppo delle sollecitazioni conduce al seguente sistema di forze applicate al baricentro della fondazione (non si considera il torcente). Le sollecitazioni anche se non contemporaneamente presenti si assumono, a favore di sicurezza, come tali. La fondazione media 1 è posta alla quota media e considera la patea rettangolare lato imbocco della galleria.

FZ	358160 daN
MX	5222600 daNcm
MY	-2161200 daNcm

Descrizione della fondazione

La fondazione ha piano di posa rettangolare, con lato X di 740 [cm], lato Y di 1060 [cm], e centro alla quota $z = -225$ [cm]. Il piano di posa è orizzontale.

Descrizione del terreno

La stratigrafia è omogenea, presenta un solo strato							
n.	nome	z_i [cm]	z_f [cm]	γ_d [daN/cm ³]	γ_t [daN/cm ³]	c' [daN/cm ²]	ϕ' [°]
1	Sabbia	0	-7000	0.002	0.002	0	34
La stratigrafia non contiene una falda							

Sollecitazioni al piano di posa

Si riportano di seguito le componenti della sollecitazione applicata e la distanza del punto di applicazione dal centro del piano di posa della fondazione.

Rispetto al sistema di rif. globale:								
Caso	Fx [daN]	Fy [daN]	Fz [daN]	Mx [daN*cm]	My [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	0	0	-358160	5222600	2161200	0	0	10
Rispetto al sistema di rif. locale (centro piano di posa):								
Caso	Hx [daN]	Hy [daN]	Vz [daN]	Mx [daN*cm]	My [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	0	0	-358160	5219640	2952080	-	-	-

Le sollecitazioni applicate provocano un' eccentricità lungo X (max = 8.24 [cm]) e lungo Y (max = 14.57 [cm]), perciò le verifiche vengono eseguite sulla fondazione ridotta rettangolare.

Caso	ecc. X [cm]	ecc. Y [cm]	Asse B	Asse L
1-1	8.24	14.57	asse X	asse Y

Capacità portante

Le seguenti tabelle elencano il valore dell'angolo di resistenza al taglio, del peso di volume alleggerito, della coesione efficace, del sovraccarico alleggerito, e dei fattori e coefficienti introdotti nel calcolo della capacità portante,

Caso	γ_ϕ	γ_γ	ϕ [°]	γ' [daN/cm ³]	N_γ	S_γ	d_γ	$i_{b\gamma}$	$i_{i\gamma}$	b_γ	g_γ	$q'_{lim,\gamma}$ [daN/cm ²]
1-1	1.00	1.00	29	0.002	19.34	1.20	1.00	0.52	1.00	1.00	1.00	8.8
Caso	$\gamma_{c'}$	c' [daN/cm ²]	N_c	S_c	d_c	i_{bc}	i_{ic}	b_c	g_c	$q'_{lim,c}$		

											[daN/cm ²]
1-1	1.00	0	27.86	1.40	1.10	0.65	1.00	1.00	1.00	1.00	0
Caso	q' [daN/cm ²]	N _q	s _q	d _q	i _{bq}	i _{iq}	b _q	g _q			q' ^{lim,q} [daN/cm ²]
1-1	0.45	16.44	1.20	1.09	0.67	1.00	1.00	1.00			6.53

Segue il confronto fra la pressione limite ed applicata.

Caso	γ _{R,v}	q' ^{lim} [daN/cm ²]	A [cm ²]	R _d [daN]	E _d [daN]	Verifica
1-1	2.30	6.92	745837.94	5160607	358160	SI (5160607/358160 = 14.41 >= 1.0)

2.3 FONDAZIONE MEDIA 2

L'involuppo delle sollecitazioni conduce al seguente sistema di forze applicate al baricentro della fondazione (non si considera il torcente). Le sollecitazioni anche se non contemporaneamente presenti si assumono, a favore di sicurezza, come tali. La fondazione media 1 è posta alla quota media e considera la patea rettangolare lato galleria.

FZ	735900 daN
MX	5119500 daNcm
MY	-1604.1 daNcm

Descrizione della fondazione

La fondazione ha piano di posa rettangolare, con lato X di 470 [cm], lato Y di 1060 [cm], e centro alla quota z = -225 [cm]. Il piano di posa è orizzontale.

Descrizione del terreno

La stratigrafia è omogenea, presenta un solo strato							
n.	nome	z _i [cm]	z _f [cm]	γ _d [daN/cm ³]	γ _t [daN/cm ³]	c' [daN/cm ²]	φ' [°]
1	Sabbia	0	-7000	0.002	0.002	0	34
La stratigrafia non contiene una falda							

Sollecitazioni al piano di posa

Si riportano di seguito le componenti della sollecitazione applicata e la distanza del punto di applicazione dal centro del piano di posa della fondazione.

Rispetto al sistema di rif. globale:								
Caso	Fx [daN]	Fy [daN]	Fz [daN]	Mx [daN*cm]	My [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	0	0	-735900	5119500	1604	0	0	10
Rispetto al sistema di rif. locale (centro piano di posa):								
Caso	Hx [daN]	Hy [daN]	Vz [daN]	Mx [daN*cm]	My [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	0	0	-735900	5110052	1072104	-	-	-

Le sollecitazioni applicate provocano un' eccentricità lungo X (max = 1.46 [cm]) e lungo Y (max = 6.94 [cm]), perciò le verifiche vengono eseguite sulla fondazione ridotta rettangolare.

Caso	ecc. X [cm]	ecc. Y [cm]	Asse B	Asse L
1-1	1.46	6.94	asse X	asse Y

Capacità portante

Le seguenti tabelle elencano il valore dell'angolo di resistenza al taglio, del peso di volume alleggerito, della coesione efficace, del sovraccarico alleggerito, e dei fattori e coefficienti introdotti nel calcolo della capacità portante.

Caso	γ_ϕ	γ_γ	ϕ [°]	γ' [daN/cm ³]	N_γ	s_γ	d_γ	$i_{b\gamma}$	$i_{l\gamma}$	b_γ	g_γ	$q'_{lim,\gamma}$ [daN/cm ²]
1-1	1.00	1.00	29	0.002	19.34	1.13	1.00	0.66	1.00	1.00	1.00	6.66
Caso	$\gamma_{c'}$	c' [daN/cm ²]	N_c	s_c	d_c	i_{bc}	i_{lc}	b_c	g_c	$q'_{lim,c}$ [daN/cm ²]		
1-1	1.00	0	27.86	1.26	1.15	0.75	1.00	1.00	1.00	0		
Caso	q' [daN/cm ²]	N_q	s_q	d_q	i_{bq}	i_{lq}	b_q	g_q	$q'_{lim,q}$ [daN/cm ²]			
1-1	0.45	16.44	1.13	1.14	0.77	1.00	1.00	1.00	7.3			

Segue il confronto fra la pressione limite ed applicata.

Caso	$\gamma_{R,v}$	q'_{lim} [daN/cm ²]	A [cm ²]	R_d [daN]	E_d [daN]	Verifica
1-1	2.30	6.32	488624.61	3088972.1	735900	SI (3088972.1/735900 = 4.20 >= 1.0)

2.4 FONDAZIONE ALTA 1

L'inviluppo delle sollecitazioni conduce al seguente sistema di forze applicate al baricentro della fondazione (non si considera il torcente). Le sollecitazioni anche se non contemporaneamente presenti si assumono, a favore di sicurezza, come tali. La fondazione alta 1 è posta alla quota maggiore e considera la patea rettangolare lato galleria.

FZ	601840 daN
MX	4800500 daNcm
MY	5778000 daNcm

Descrizione della fondazione

La fondazione ha piano di posa rettangolare, con lato X di 470 [cm], lato Y di 470 [cm], e centro alla quota $z = -60$ [cm]. Il piano di posa è orizzontale.

Descrizione del terreno

La stratigrafia è omogenea, presenta un solo strato							
n.	nome	z_i [cm]	z_f [cm]	γ_d [daN/cm ³]	γ_t [daN/cm ³]	c' [daN/cm ²]	ϕ' [°]
1	Sabbia	0	-7000	0.002	0.002	0	34
La stratigrafia non contiene una falda							

Sollecitazioni al piano di posa

Si riportano di seguito le componenti della sollecitazione applicata e la distanza del punto di applicazione dal centro del piano di posa della fondazione.

Rispetto al sistema di rif. globale:								
Caso	Fx [daN]	Fy [daN]	Fz [daN]	Mx [daN*cm]	My [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	0	0	-601840	4800500	5778000	0	0	10
Rispetto al sistema di rif. locale (centro piano di posa):								
Caso	Hx [daN]	Hy [daN]	Vz [daN]	Mx [daN*cm]	My [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	0	0	-601840	4787189	6712230	-	-	-

Le sollecitazioni applicate provocano un' eccentricità lungo X (max = 11.15 [cm]) e lungo Y (max = 7.95 [cm]), perciò le verifiche vengono eseguite sulla fondazione ridotta rettangolare.

Caso	ecc. X [cm]	ecc. Y [cm]	Asse B	Asse L
1-1	11.15	7.95	asse X	asse Y

Capacità portante

Le seguenti tabelle elencano il valore dell'angolo di resistenza al taglio, del peso di volume alleggerito, della coesione efficace, del sovraccarico alleggerito, e dei fattori e coefficienti introdotti nel calcolo della capacità portante.

Caso	γ_ϕ	γ_γ	ϕ [°]	γ' [daN/cm ³]	N_γ	S_γ	d_γ	$i_{b\gamma}$	$i_{i\gamma}$	b_γ	g_γ	$q'_{lim,\gamma}$ [daN/cm ²]
1-1	1.00	1.00	29	0.002	19.34	1.28	1.00	0.66	0.99	1.00	1.00	7.25
Caso	$\gamma_{c'}$	c' [daN/cm ²]	N_c	S_c	d_c	i_{bc}	i_{ic}	b_c	g_c	$q'_{lim,c}$ [daN/cm ²]		
1-1	1.00	0	27.86	1.57	1.04	0.76	1.00	1.00	1.00	0		
Caso	q' [daN/cm ²]	N_q	S_q	d_q	i_{bq}	i_{iq}	b_q	g_q	$q'_{lim,q}$ [daN/cm ²]			
1-1	0.12	16.44	1.28	1.04	0.78	1.00	1.00	1.00	2.04			

Segue il confronto fra la pressione limite ed applicata.

Caso	$\gamma_{R,v}$	q'_{lim} [daN/cm ²]	A [cm ²]	R_d [daN]	E_d [daN]	Verifica
1-1	2.30	4.1	203294.17	834442.8	601840	SI (834442.8/601840 = 1.39 >= 1.0)

2.5 FONDAZIONE ALTA 2

L'inviluppo delle sollecitazioni conduce al seguente sistema di forze applicate al baricentro della fondazione (non si considera il torcente). Le sollecitazioni anche se non contemporaneamente presenti si assumono, a favore di sicurezza, come tali. La fondazione alta 2 è posta alla quota maggiore e considera la patea rettangolare lato imbocco galleria.

FZ	573410 daN
MX	5287500 daNcm
MY	1643800 daNcm

Descrizione della fondazione

La fondazione ha piano di posa rettangolare, con lato X di 740 [cm], lato Y di 470 [cm], e centro alla quota $z = -60$ [cm]. Il piano di posa è orizzontale.

Descrizione del terreno

La stratigrafia è omogenea, presenta un solo strato							
n.	nome	z_i [cm]	z_f [cm]	γ_d [daN/cm ³]	γ_t [daN/cm ³]	c' [daN/cm ²]	ϕ' [°]
1	Sabbia	0	-7000	0.002	0.002	0	34
La stratigrafia non contiene una falda							

Sollecitazioni al piano di posa

Si riportano di seguito le componenti della sollecitazione applicata e la distanza del punto di applicazione dal centro del piano di posa della fondazione.

Rispetto al sistema di rif. globale:								
Caso	Fx [daN]	Fy [daN]	Fz [daN]	Mx [daN*cm]	My [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	0	0	-573410	5287500	1643800	0	0	10
Rispetto al sistema di rif. locale (centro piano di posa):								
Caso	Hx [daN]	Hy [daN]	Vz [daN]	Mx [daN*cm]	My [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	0	0	-573410	5282019	2676400	-	-	-

Le sollecitazioni applicate provocano un' eccentricità lungo X (max = 4.67 [cm]) e lungo Y (max = 9.21 [cm]), perciò le verifiche vengono eseguite sulla fondazione ridotta rettangolare.

Caso	ecc. X [cm]	ecc. Y [cm]	Asse B	Asse L
1-1	4.67	9.21	asse Y	asse X

Capacità portante

Le seguenti tabelle elencano il valore dell'angolo di resistenza al taglio, del peso di volume alleggerito, della coesione efficace, del sovraccarico alleggerito, e dei fattori e coefficienti introdotti nel calcolo della capacità portante.

Caso	γ_ϕ	γ_γ	ϕ [°]	γ' [daN/cm ³]	N_γ	S_γ	d_γ	$i_{b\gamma}$	$i_{l\gamma}$	b_γ	g_γ	$q'_{lim,\gamma}$ [daN/cm ²]
1-1	1.00	1.00	29	0.002	19.34	1.18	1.00	1.00	0.62	1.00	1.00	6.4
Caso	$\gamma_{c'}$	c' [daN/cm ²]	N_c	S_c	d_c	i_{bc}	i_{lc}	b_c	g_c	$q'_{lim,c}$		

										[daN/cm ²]
1-1	1.00	0	27.86	1.36	1.04	1.00	0.74	1.00	1.00	0
Caso	q' [daN/cm ²]	N _q	s _q	d _q	i _{bq}	i _{iq}	b _q	g _q		q' ^{lim,q} [daN/cm ²]
1-1	0.12	16.44	1.18	1.04	1.00	0.76	1.00	1.00		1.83

Segue il confronto fra la pressione limite ed applicata.

Caso	$\gamma_{R,v}$	q' _{lim} [daN/cm ²]	A [cm ²]	R _d [daN]	E _d [daN]	Verifica
1-1	2.30	3.65	329951.36	1202776.8	573410	SI (1202776.8/573410 = 2.10 >= 1.0)

3 VERIFICA DEI CONTENUTI DI CUI AL PAR. 10.2 DELLE NTC 2008

3.1 TIPO DI ANALISI SVOLTA

Analisi strutturale condotta di tipo statico e dinamico lineare

Metodo adottato per la risoluzione del problema strutturale: Per la modellazione tridimensionale ad elementi finiti si è utilizzato il codice DOLMEN WIN (R), versione 2017 prodotto, distribuito ed assistito dalla CDM DOLMEN srl, con sede in Torino, Via Drovetti 9/F.

Metodologie seguite per la verifica o per il progetto-verifica delle sezioni. Metodo semiprobabilistico agli Stati Limite.

Combinazioni di carico adottate: Le combinazioni di carico adottate sono riportate nel paragrafo delle Combinazioni di carico e sono state scelte in modo da massimizzare tutte le sollecitazioni sulla struttura. L'impiego delle combinazioni adottate è esaustivo delle configurazioni studiate per la struttura in esame.

3.2 ORIGINE E CARATTERISTICHE DEI CODICI DI CALCOLO

Vedi paragrafo della Modellazione strutturale.

3.3 AFFIDABILITÀ DEI CODICI UTILIZZATI

Vedi paragrafo della Modellazione strutturale.

3.4 VALIDAZIONE DEI CODICI

Nel caso in cui si rendesse necessaria una validazione indipendente del calcolo strutturale, i calcoli potranno essere eseguiti nuovamente da soggetto diverso da quello originario mediante programmi di calcolo diversi da quelli usati originariamente e ciò al fine di eseguire un effettivo controllo incrociato sui risultati delle elaborazioni. E' comunque disponibile su supporto informatico l'intero sviluppo dei tabulati di output con tutte le informazioni necessarie alla eventuale riproduzione del calcolo automatico.

3.5 MODALITÀ DI PRESENTAZIONE DEI RISULTATI

Il percorso che ha condotto ai risultati è stato: modellazione della struttura, analisi dei carichi e disposizione degli stessi sul modello; calcolo delle sollecitazioni; verifica degli elementi ritenuti significativi. La quantità di informazioni che ha accompagnato l'utilizzo del software in input e in output è cospicua. Per non appesantire eccessivamente la relazione di calcolo, si è operata la scelta di fornire soltanto una sintesi completa ed efficace dei risultati privilegiando schemi grafici ai tabulati. E' comunque disponibile su supporto informatico l'intero sviluppo dei tabulati di output con tutte le informazioni necessarie alla eventuale riproduzione del calcolo automatico.

3.6 INFORMAZIONI GENERALI SULL'ELABORAZIONE

Al termine della elaborazione sono stati svolti estesi controlli per l'esame dei risultati e per una valutazione complessiva dell'elaborazione dal punto di vista del corretto comportamento del modello.

3.7 GIUDIZIO MOTIVATO DI ACCETTABILITÀ DEI RISULTATI

I risultati della elaborazione sono stati analizzati criticamente mediante confronto con calcoli di massima eseguiti manualmente; tali controlli sommari hanno portato a confermare la validità dei risultati. I risultati delle elaborazioni sono quindi stati sottoposti a controlli che ne hanno comprovato l'attendibilità.