



S.p.A.

DIREZIONE REGIONALE PER LA SICILIA

PA 12/09

CORRIDOIO PLURIMODALE TIRRENICO - NORD EUROPA
ITINERARIO AGRIGENTO - CALTANISSETTA - A19

S.S. N° 640 "DI PORTO EMPEDOCLE"

AMMODERNAMENTO E ADEGUAMENTO ALLA CAT. B DEL D.M. 5.11.2001

Dal km 44+000 allo svincolo con l'A19

VARIANTE TECNICA N°4

ai sensi dell'art. 176, comma 5, secondo periodo lettera "a" e lettera "b", del D.Lgs. N. 163/2006 e Art. 11 del CSA-NG

CONTRAENTE GENERALE



DIRETTORE DEI LAVORI
Ing. CARLO DAMIANI

DEVIAZIONI PROVVISORIE
Svincolo S.S 626

Computo Volumi (Ramo 2)

Empedocle 2 s.c.p.a.

Codice Unico Progetto (CUP) : F91B09000070001

5957-81

Codice Elaborato:

PA12_09 - V 0 0 0 G E 2 1 8 F D 0 9 T R H 0 4 5 B Scala: 1:200

F							
E							
D							
C							
B	Aprile 2021	AGGIORNAMENTO CARTIGLIO				A.ANTONELLI	A.FINAMORE
A	Dicembre 2018	EMISSIONE				A.ANTONELLI	P.PAGLINI
REV.	DATA	DESCRIZIONE	REDATTO	VERIFICATO	APPROVATO	AUTORIZZATO	

Il Progettista:



Il Consulente Specialista:

Il Geologo:



Il Coordinatore per la sicurezza: Il Direttore dei Lavori:



Responsabile del procedimento: Ing. LUIGI MUPO

		CALCOLO DELLE AREE	Foglio n. 1		
AIA RIL.					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
1 0.00	CR1	(6.05--4.11)x(312.12+312.32)/2 (6.87-6.05)x(312.03+312.03)/2 (9.05-6.87)x(310.58+312.03)/2 (9.51-9.05)x(310.57+310.58)/2 (-0.49-9.51)x(310.07+310.07)/2 (-4.11--0.49)x(311.07+311.07)/2	3172.16 255.86 678.64 142.86 -3100.70 -1126.07		
2 10.00	CR1	(0.00--4.39)x(311.72+311.70)/2 (4.05-0.00)x(311.74+311.72)/2 (4.87-4.05)x(311.65+311.65)/2 (7.18-4.87)x(310.11+311.65)/2 (7.63-7.18)x(310.11+310.11)/2 (-2.37-7.63)x(309.61+309.61)/2 (-4.39--2.37)x(310.61+310.61)/2	1368.41 1262.51 255.55 718.13 139.55 -3096.10 -627.43	22.75	
3 20.00	CR1	(-4.00--4.80)x(310.63+310.63)/2 (4.00--4.00)x(311.00+310.84)/2 (4.82-4.00)x(310.91+310.91)/2 (6.76-4.82)x(309.63+310.91)/2 (7.26-6.76)x(309.59+309.63)/2 (-4.80-7.26)x(309.09+309.09)/2	248.50 2487.36 254.95 601.92 154.81 -3727.63		19.91
4 30.00	CR1	(-4.00--5.04)x(309.83+309.83)/2 (4.00--4.00)x(310.20+310.04)/2 (4.82-4.00)x(310.11+310.11)/2 (6.14-4.82)x(309.23+310.11)/2 (7.04-6.14)x(308.94+309.23)/2 (-5.04-7.04)x(308.54+308.54)/2	322.22 2480.96 254.29 408.76 278.18 -3727.16		17.25
5 40.00	CR1	(-4.00--5.29)x(309.04+309.04)/2 (4.00--4.00)x(309.41+309.25)/2 (4.82-4.00)x(309.32+309.32)/2 (6.28-4.82)x(308.35+309.32)/2 (6.80-6.28)x(308.30+308.35)/2 (-5.26-6.80)x(307.90+307.90)/2 (-5.29--5.26)x(309.04+309.02)/2	398.66 2474.64 253.64 450.90 160.33 -3713.27 -9.27		15.63
6 50.00	CR1	(-4.00--5.62)x(308.24+308.24)/2 (0.00--4.00)x(308.53+308.45)/2 (4.00-0.00)x(308.53+308.53)/2 (4.82-4.00)x(308.44+308.44)/2 (5.77-4.82)x(307.81+308.44)/2 (6.30-5.77)x(307.75+307.81)/2 (-5.62-6.30)x(307.35+307.35)/2	499.35 1233.96 1234.12 252.92 292.72 163.12 -3663.61		12.58
7 60.00	CR1	(-4.00--5.62)x(307.44+307.44)/2 (0.00--4.00)x(307.73+307.65)/2 (4.00-0.00)x(307.65+307.73)/2 (4.82-4.00)x(307.56+307.65)/2 (5.26-4.82)x(307.27+307.56)/2 (5.79-5.26)x(307.22+307.27)/2 (-5.62-5.79)x(306.82+306.82)/2	498.05 1230.76 1230.76 252.20 135.26 162.84 -3500.82		9.05
8 68.03	CR1	(-4.00--5.63)x(306.93+306.93)/2 (0.00--4.00)x(307.15+307.14)/2 (4.00-0.00)x(307.07+307.15)/2 (5.03-4.00)x(306.98+306.98)/2 (5.34-5.03)x(306.93+306.98)/2 (-5.39-5.34)x(306.33+306.33)/2 (-5.63--5.39)x(306.93+306.83)/2	500.30 1228.58 1228.44 316.19 95.16 -3286.92 -73.65		8.10
9 76.40	CR1	(-4.00--5.32)x(306.47+306.47)/2 (4.00--4.00)x(306.52+306.68)/2 (4.82-4.00)x(306.43+306.43)/2 (4.94-4.82)x(306.35+306.43)/2 (5.47-4.94)x(306.30+306.35)/2 (-5.32-5.47)x(305.80+305.80)/2	404.54 2452.80 251.27 36.77 162.35 -3299.58		8.15
10 90.00	CR1	(-4.00--5.02)x(305.83+305.83)/2 (4.00--4.00)x(305.76+305.92)/2 (5.14-4.00)x(305.67+305.67)/2 (-5.02-5.14)x(305.16+305.16)/2	311.95 2446.72 348.46 -3100.43		6.70
11 100.00	CR1	(-4.00--4.91)x(305.38+305.38)/2 (-3.50--4.00)x(305.46+305.47)/2 (-4.91--3.50)x(304.62+304.62)/2	277.90 152.73 -429.51		1.12
11 100.00	CR2	(4.00-2.50)x(305.31+305.34)/2 (4.82-4.00)x(305.22+305.22)/2 (5.42-4.82)x(304.83+305.22)/2 (5.87-5.42)x(304.83+304.83)/2 (2.50-5.87)x(304.53+304.53)/2	457.99 250.28 183.01 137.17 -1026.27		2.18
12 110.00	CR1	(-4.00--5.01)x(305.02+305.02)/2 (-3.93--4.00)x(305.11+305.11)/2 (-5.01--3.93)x(304.30+304.30)/2	308.07 21.36 -328.64		0.79
12 110.00	CR2	(4.00-2.07)x(304.95+304.99)/2 (4.82-4.00)x(304.86+304.86)/2 (5.74-4.82)x(304.25+304.86)/2 (2.07-5.74)x(303.96+303.96)/2	588.59 249.99 280.19 -1115.53		3.24
13 120.00	CR1	(4.00-0.00)x(304.69+304.77)/2 (5.08-4.00)x(304.60+304.60)/2 (0.00-5.08)x(303.83+303.83)/2	1218.92 328.97 -1543.46		4.43
14 130.00	CR1	(4.00-1.83)x(304.51+304.55)/2 (4.95-4.00)x(304.42+304.42)/2 (1.83-4.95)x(303.74+303.74)/2	660.83 289.20 -947.67		2.36
15 140.00	CR1	(4.00-1.97)x(304.43+304.47)/2 (4.86-4.00)x(304.34+304.34)/2 (1.97-4.86)x(303.72+303.72)/2	618.03 261.73 -877.75		2.01
16 150.00	CR1	(4.00-2.37)x(304.43+304.47)/2 (4.82-4.00)x(304.34+304.34)/2	496.25 249.56		
A RIPORTARE mq			745.81		

		CALCOLO DELLE AREE			Foglio n. 2
AIA RIL.					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			745.81		
17	CR1	$(2.37-4.82) \times (303.72+303.72) / 2$	-744.11	1.70	
158.00		$(4.00-2.84) \times (304.48+304.51) / 2$	353.21		
		$(5.19-4.00) \times (304.39+304.39) / 2$	362.22		
		$(5.28-5.19) \times (304.39+304.39) / 2$	27.40		
		$(2.84-5.28) \times (303.49+303.49) / 2$	-740.52		
18	CR1	$(4.00-3.62) \times (304.54+304.55) / 2$	115.73	2.31	
166.57		$(4.85-4.00) \times (304.45+304.45) / 2$	258.78		
		$(3.62-4.85) \times (303.83+303.83) / 2$	-373.71	0.80	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE			Foglio n. 3
VEGETALE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
1 0.00	G1	(6.25-6.35)x(312.13+312.03)/2 (6.20-6.25)x(312.13+312.13)/2 (6.55-6.20)x(312.34+312.38)/2 (6.78-6.55)x(312.30+312.34)/2 (7.00-6.78)x(312.22+312.30)/2 (7.30-7.00)x(312.04+312.22)/2 (9.51-7.30)x(310.57+312.04)/2 (9.05-9.51)x(310.58+310.57)/2 (6.87-9.05)x(312.03+310.58)/2 (6.35-6.87)x(312.03+312.03)/2	-31.81 -15.61 109.33 71.83 68.70 93.64 687.98 -142.86 -678.64 -162.26		
2 10.00	G1	(-6.32--6.76)x(312.52+312.51)/2 (-5.44--6.32)x(311.94+312.52)/2 (-5.19--5.44)x(311.94+311.94)/2 (-5.22--5.19)x(311.49+311.49)/2 (-6.76--5.22)x(312.51+311.49)/2	137.51 274.76 77.98 -9.34 -480.48	0.90	
2 10.00	G2	(4.25-4.35)x(311.75+311.65)/2 (4.20-4.25)x(311.75+311.75)/2 (4.55-4.20)x(311.96+312.00)/2 (4.78-4.55)x(311.92+311.96)/2 (5.00-4.78)x(311.84+311.92)/2 (5.30-5.00)x(311.67+311.84)/2 (7.63-5.30)x(310.11+311.67)/2 (7.18-7.63)x(310.11+310.11)/2 (4.87-7.18)x(311.65+310.11)/2 (4.35-4.87)x(311.65+311.65)/2	-31.17 -15.59 109.19 71.75 68.61 93.53 724.37 -139.55 -718.13 -162.06	0.43	
3 20.00	G2	(-4.80--5.50)x(311.08+311.08)/2 (-4.83--4.80)x(310.63+310.63)/2 (-5.50--4.83)x(311.08+310.63)/2	217.76 -9.32 -208.27	0.95	
3 20.00	G1	(4.20-4.30)x(311.01+310.91)/2 (4.15-4.20)x(311.01+311.01)/2 (4.50-4.15)x(311.22+311.26)/2 (4.73-4.50)x(311.19+311.22)/2 (4.95-4.73)x(311.10+311.19)/2 (5.25-4.95)x(310.93+311.10)/2 (7.26-5.25)x(309.59+310.93)/2 (6.76-7.26)x(309.63+309.59)/2 (4.82-6.76)x(310.91+309.63)/2 (4.30-4.82)x(310.91+310.91)/2	-31.10 -15.55 108.93 71.58 68.45 93.30 623.62 -154.81 -601.92 -161.67	0.17	
4 30.00	G2	(-5.83--5.04)x(310.28+309.83)/2 (-4.80--5.83)x(310.28+310.28)/2 (-5.04--4.80)x(309.83+309.83)/2	-244.94 319.59 -74.36	0.29	
4 30.00	G1	(4.20-4.30)x(310.21+310.11)/2 (4.15-4.20)x(310.21+310.21)/2 (4.50-4.15)x(310.42+310.46)/2 (4.73-4.50)x(310.39+310.42)/2 (4.95-4.73)x(310.31+310.39)/2 (5.25-4.95)x(310.13+310.31)/2 (7.04-5.25)x(308.94+310.13)/2 (6.14-7.04)x(309.23+308.94)/2 (4.82-6.14)x(310.11+309.23)/2 (4.30-4.82)x(310.11+310.11)/2	-31.02 -15.51 108.65 71.39 68.28 93.07 554.07 -278.18 -408.76 -161.26	0.73	
5 40.00	G2	(-6.02--5.29)x(309.49+309.04)/2 (-4.80--6.02)x(309.49+309.49)/2 (-5.29--4.80)x(309.04+309.04)/2	-225.76 377.58 -151.43	0.39	
5 40.00	G1	(4.20-4.30)x(309.42+309.32)/2 (4.15-4.20)x(309.42+309.42)/2 (4.50-4.15)x(309.63+309.67)/2 (4.73-4.50)x(309.59+309.63)/2 (4.95-4.73)x(309.51+309.59)/2 (5.25-4.95)x(309.33+309.51)/2 (6.80-5.25)x(308.30+309.33)/2 (6.28-6.80)x(308.35+308.30)/2 (4.82-6.28)x(309.32+308.35)/2 (4.30-4.82)x(309.32+309.32)/2	-30.94 -15.47 108.38 71.21 68.10 92.83 478.66 -160.33 -450.90 -160.85	0.69	
6 50.00	G2	(-6.35--5.62)x(308.69+308.24)/2 (-4.80--6.35)x(308.69+308.69)/2 (-5.62--4.80)x(308.24+308.24)/2	-225.18 478.47 -252.76	0.53	
6 50.00	G1	(4.20-4.30)x(308.54+308.44)/2 (4.15-4.20)x(308.54+308.54)/2 (4.50-4.15)x(308.75+308.79)/2 (4.73-4.50)x(308.71+308.75)/2 (4.95-4.73)x(308.63+308.71)/2 (5.25-4.95)x(308.45+308.63)/2 (6.30-5.25)x(307.75+308.45)/2 (5.77-6.30)x(307.81+307.75)/2 (4.82-5.77)x(308.44+307.81)/2 (4.30-4.82)x(308.44+308.44)/2	-30.85 -15.43 108.07 71.01 67.91 92.56 323.51 -163.12 -292.72 -160.39	0.55	
7 60.00	G2	(-5.74--5.62)x(307.48+307.44)/2 (-6.40--5.74)x(307.89+307.48)/2 (-4.80--6.40)x(307.89+307.89)/2 (-5.62--4.80)x(307.44+307.44)/2	-36.90 -203.07 492.62 -252.10	0.55	
7 60.00	G1	(4.20-4.30)x(307.66+307.56)/2 (4.15-4.20)x(307.66+307.66)/2 (4.50-4.15)x(307.87+307.91)/2 (4.73-4.50)x(307.83+307.87)/2 (4.95-4.73)x(307.75+307.83)/2 (5.25-4.95)x(307.58+307.75)/2 (5.79-5.25)x(307.22+307.58)/2 (5.26-5.79)x(307.27+307.22)/2 (4.82-5.26)x(307.56+307.27)/2 (4.30-4.82)x(307.56+307.56)/2	-30.76 -15.38 107.76 70.81 67.71 92.30 166.00 -162.84 -135.26 -159.93	0.41	
8 68.03	G1	(-6.22--5.63)x(307.15+306.93)/2 (-6.59--6.22)x(307.38+307.15)/2	-181.15 -113.69		
A RIPORTARE mq			-294.84		

		CALCOLO DELLE AREE	Foglio n. 4		
VEGETALE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			-294.84		
8 68.03	G2	$(-4.80--6.59) \times (307.38+307.38) / 2$ $(-5.63--4.80) \times (306.93+306.93) / 2$ $(4.20-4.30) \times (307.08+306.98) / 2$ $(4.15-4.20) \times (307.08+307.08) / 2$ $(4.50-4.15) \times (307.29+307.33) / 2$ $(4.73-4.50) \times (307.25+307.29) / 2$ $(4.95-4.73) \times (307.17+307.25) / 2$ $(5.25-4.95) \times (306.99+307.17) / 2$ $(5.34-5.25) \times (306.93+306.99) / 2$ $(5.03-5.34) \times (306.98+306.93) / 2$ $(4.30-5.03) \times (306.98+306.98) / 2$	550.21 -254.75 -30.70 -15.35 107.56 70.67 67.59 92.12 27.63 -95.16 -224.10	0.62	
9 76.40	G1	$(-5.90--5.72) \times (306.41+306.47) / 2$ $(-6.73--5.90) \times (306.80+306.41) / 2$ $(-6.92--6.73) \times (306.92+306.80) / 2$ $(-4.80--6.92) \times (306.92+306.92) / 2$ $(-5.32--4.80) \times (306.47+306.47) / 2$ $(-5.72--5.32) \times (306.47+306.47) / 2$	-55.16 -254.48 -58.30 650.67 -159.36 -122.59	0.26	
9 76.40	G2	$(4.20-4.30) \times (306.53+306.43) / 2$ $(4.15-4.20) \times (306.53+306.53) / 2$ $(4.50-4.15) \times (306.74+306.78) / 2$ $(4.73-4.50) \times (306.70+306.74) / 2$ $(4.95-4.73) \times (306.62+306.70) / 2$ $(5.25-4.95) \times (306.44+306.62) / 2$ $(5.47-5.25) \times (306.30+306.44) / 2$ $(4.94-5.47) \times (306.35+306.30) / 2$ $(4.82-4.94) \times (306.43+306.35) / 2$ $(4.30-4.82) \times (306.43+306.43) / 2$	-30.65 -15.33 107.37 70.55 67.47 91.96 67.40 -162.35 -36.77 -159.34	0.78	
10 90.00	G1	$(-4.73--5.02) \times (306.10+306.00) / 2$ $(-4.50--4.73) \times (306.14+306.10) / 2$ $(-4.15--4.50) \times (306.18+306.14) / 2$ $(-4.20--4.15) \times (305.93+305.93) / 2$ $(-4.30--4.20) \times (305.83+305.93) / 2$ $(-5.02--4.30) \times (305.83+305.83) / 2$	88.75 70.41 107.16 -15.30 -30.59 -220.20	0.31	
10 90.00	G2	$(4.20-4.30) \times (305.77+305.67) / 2$ $(4.15-4.20) \times (305.77+305.77) / 2$ $(4.50-4.15) \times (305.98+306.02) / 2$ $(4.73-4.50) \times (305.94+305.98) / 2$ $(5.14-4.73) \times (305.76+305.94) / 2$ $(4.30-5.14) \times (305.67+305.67) / 2$	-30.57 -15.29 107.10 70.37 125.40 -256.76	0.23	
11 100.00	G1	$(-4.50--4.91) \times (305.69+305.62) / 2$ $(-4.15--4.50) \times (305.73+305.69) / 2$ $(-4.20--4.15) \times (305.48+305.48) / 2$ $(-4.30--4.20) \times (305.38+305.48) / 2$ $(-4.91--4.30) \times (305.38+305.38) / 2$	125.32 107.00 -15.27 -30.54 -186.28	0.25	
11 100.00	G2	$(4.20-4.30) \times (305.32+305.22) / 2$ $(4.15-4.20) \times (305.32+305.32) / 2$ $(4.50-4.15) \times (305.53+305.57) / 2$ $(4.73-4.50) \times (305.49+305.53) / 2$ $(4.95-4.73) \times (305.41+305.49) / 2$ $(5.25-4.95) \times (305.24+305.41) / 2$ $(5.87-5.25) \times (304.83+305.24) / 2$ $(4.30-5.87) \times (305.22+304.83) / 2$	-30.53 -15.27 106.94 70.27 67.20 91.60 189.12 -478.89	0.23	
12 110.00	G2	$(-4.73--5.01) \times (305.30+305.20) / 2$ $(-4.50--4.73) \times (305.33+305.30) / 2$ $(-4.15--4.50) \times (305.37+305.33) / 2$ $(-4.20--4.15) \times (305.12+305.12) / 2$ $(-4.30--4.20) \times (305.02+305.12) / 2$ $(-5.01--4.30) \times (305.02+305.02) / 2$	85.47 70.22 106.87 -15.26 -30.51 -216.56	0.44	
12 110.00	G1	$(4.50-4.15) \times (305.17+305.21) / 2$ $(4.73-4.50) \times (305.14+305.17) / 2$ $(4.95-4.73) \times (305.05+305.14) / 2$ $(5.25-4.95) \times (304.88+305.05) / 2$ $(8.20-5.25) \times (302.91+304.88) / 2$ $(8.00-8.20) \times (302.91+302.91) / 2$ $(5.74-8.00) \times (304.16+302.62) / 2$ $(4.82-5.74) \times (304.86+304.25) / 2$ $(4.30-4.82) \times (304.86+304.86) / 2$ $(4.20-4.30) \times (304.96+304.86) / 2$ $(4.15-4.20) \times (304.96+304.96) / 2$	106.82 70.19 67.12 91.49 896.49 -60.58 -685.66 -280.19 -158.53 -30.49 -15.25	0.23	
13 120.00	G2	$(4.20-4.30) \times (304.70+304.60) / 2$ $(4.15-4.20) \times (304.70+304.70) / 2$ $(4.50-4.15) \times (304.91+304.95) / 2$ $(4.73-4.50) \times (304.87+304.91) / 2$ $(5.08-4.73) \times (304.73+304.87) / 2$ $(4.30-5.08) \times (304.60+304.60) / 2$	-30.46 -15.23 106.73 70.12 106.68 -237.59	1.41	
14 130.00	G2	$(4.20-4.30) \times (304.52+304.42) / 2$ $(4.15-4.20) \times (304.52+304.52) / 2$ $(4.50-4.15) \times (304.73+304.77) / 2$ $(4.73-4.50) \times (304.69+304.73) / 2$ $(4.95-4.73) \times (304.64+304.69) / 2$ $(4.30-4.95) \times (304.42+304.42) / 2$	-30.45 -15.23 106.66 70.08 67.03 -197.87	0.25	
15 140.00	G2	$(4.20-4.30) \times (304.44+304.34) / 2$ $(4.15-4.20) \times (304.44+304.44) / 2$ $(4.86-4.15) \times (304.62+304.69) / 2$ $(4.30-4.86) \times (304.34+304.34) / 2$	-30.44 -15.22 216.31 -170.43	0.22	
16 150.00	G2	$(4.20-4.30) \times (304.44+304.34) / 2$ $(4.15-4.20) \times (304.44+304.44) / 2$ $(4.82-4.15) \times (304.62+304.69) / 2$ $(4.30-4.82) \times (304.34+304.34) / 2$	-30.44 -15.22 204.12 -158.26	0.22	
17	G1	$(4.20-4.30) \times (304.49+304.39) / 2$	-30.44	0.20	
A RIPORTARE mq			-30.44		

		CALCOLO DELLE AREE			Foglio n. 5
VEGETALE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
		RIPORTO mq	-30.44		
158.00		(4.15-4.20)x(304.49+304.49)/2	-15.22		
		(4.50-4.15)x(304.70+304.74)/2	106.65		
		(4.73-4.50)x(304.67+304.70)/2	70.08		
		(4.95-4.73)x(304.58+304.67)/2	67.02		
		(5.28-4.95)x(304.39+304.58)/2	100.48		
		(4.30-5.28)x(304.39+304.39)/2	-298.30		
18	G1	(4.20-4.30)x(304.55+304.45)/2	-30.45	0.27	
166.57		(4.15-4.20)x(304.55+304.55)/2	-15.23		
		(4.85-4.15)x(304.73+304.80)/2	213.34		
		(4.30-4.85)x(304.45+304.45)/2	-167.45	0.21	
Il Direttore dei Lavori		L'Impresa			

S.BON.UTIL.		CALCOLO DELLE AREE	Foglio n. 6		
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
1 0.00	ZU1	$(-2.79--4.11) \times (312.49+312.49) / 2$ $(-2.48--2.79) \times (312.49+312.49) / 2$ $(-0.62--2.48) \times (311.48+312.49) / 2$ $(1.19--0.62) \times (310.51+311.48) / 2$ $(1.70--1.19) \times (310.42+310.51) / 2$ $(2.20--1.70) \times (310.30+310.42) / 2$ $(2.49--2.20) \times (310.42+310.30) / 2$ $(2.82--2.49) \times (310.54+310.42) / 2$ $(3.04--2.82) \times (310.60+310.54) / 2$ $(3.52--3.04) \times (310.64+310.60) / 2$ $(3.73--3.52) \times (310.58+310.64) / 2$ $(6.49--3.73) \times (310.58+310.58) / 2$ $(9.51--6.49) \times (310.57+310.58) / 2$ $(-0.49--9.51) \times (310.07+310.07) / 2$ $(-4.11--0.49) \times (311.07+311.07) / 2$	412.49 96.87 580.29 562.90 158.34 155.18 90.00 102.46 68.33 149.10 65.23 857.20 937.94 -3100.70 -1126.07		
2 10.00	ZU1	$(-5.45--6.76) \times (312.54+312.51) / 2$ $(-3.43--5.45) \times (311.45+312.54) / 2$ $(-0.88--3.43) \times (310.07+311.45) / 2$ $(-0.68--0.88) \times (310.02+310.07) / 2$ $(0.01--0.68) \times (309.79+310.02) / 2$ $(0.49--0.01) \times (309.97+309.79) / 2$ $(0.63--0.49) \times (310.03+309.97) / 2$ $(1.01--0.63) \times (310.05+310.03) / 2$ $(1.92--1.01) \times (310.09+310.05) / 2$ $(5.61--1.92) \times (310.11+310.09) / 2$ $(6.16--5.61) \times (310.12+310.11) / 2$ $(7.63--6.16) \times (310.11+310.12) / 2$ $(-2.37--7.63) \times (309.61+309.61) / 2$ $(-4.39--2.37) \times (310.61+310.61) / 2$ $(-5.22--4.39) \times (311.49+311.49) / 2$ $(-6.76--5.22) \times (312.51+311.49) / 2$	409.41 630.23 792.44 62.01 213.83 148.74 43.40 117.82 282.16 1144.27 170.56 455.87 -3096.10 -627.43 -258.54 -480.48	9.56	
3 20.00	ZU1	$(-4.64--6.14) \times (310.69+311.51) / 2$ $(-4.16--4.64) \times (310.43+310.69) / 2$ $(-4.11--4.16) \times (310.40+310.43) / 2$ $(-4.07--4.11) \times (310.38+310.40) / 2$ $(-3.61--4.07) \times (310.13+310.38) / 2$ $(-3.40--3.61) \times (310.01+310.13) / 2$ $(-2.74--3.40) \times (309.65+310.01) / 2$ $(-2.60--2.74) \times (309.61+309.65) / 2$ $(-1.96--2.60) \times (309.31+309.61) / 2$ $(-1.50--1.96) \times (309.47+309.31) / 2$ $(-1.30--1.50) \times (309.54+309.47) / 2$ $(0.10--1.30) \times (309.56+309.54) / 2$ $(0.29--0.10) \times (309.57+309.56) / 2$ $(1.26--0.29) \times (309.57+309.57) / 2$ $(1.34--1.26) \times (309.57+309.57) / 2$ $(1.44--1.34) \times (309.57+309.57) / 2$ $(1.73--1.44) \times (309.57+309.57) / 2$ $(1.75--1.73) \times (309.57+309.57) / 2$ $(2.01--1.75) \times (309.57+309.57) / 2$ $(2.23--2.01) \times (309.57+309.57) / 2$ $(3.74--2.23) \times (309.58+309.57) / 2$ $(6.35--3.74) \times (309.57+309.58) / 2$ $(6.51--6.35) \times (309.64+309.57) / 2$ $(7.26--6.51) \times (309.59+309.64) / 2$ $(-4.80--7.26) \times (309.09+309.09) / 2$ $(-4.83--4.80) \times (310.63+310.63) / 2$ $(-6.14--4.83) \times (311.51+310.63) / 2$	466.65 149.07 15.52 12.42 142.72 65.11 204.49 43.35 198.05 142.32 61.90 433.37 58.82 300.28 24.77 30.96 89.78 6.19 80.49 68.11 467.46 807.99 49.54 232.21 -3727.63 -9.32 -407.50	8.19	
4 30.00	ZU1	$(-3.82--5.04) \times (309.14+309.83) / 2$ $(-3.37--3.82) \times (308.92+309.14) / 2$ $(-3.08--3.37) \times (308.81+308.92) / 2$ $(-2.87--3.08) \times (308.88+308.81) / 2$ $(-2.43--2.87) \times (309.03+308.88) / 2$ $(-2.34--2.43) \times (309.03+308.88) / 2$ $(-1.82--2.34) \times (309.04+308.88) / 2$ $(-0.76--1.82) \times (309.02+308.88) / 2$ $(-0.52--0.76) \times (309.05+308.88) / 2$ $(3.03--0.52) \times (309.02+308.88) / 2$ $(3.08--3.03) \times (309.02+308.88) / 2$ $(5.34--3.08) \times (309.01+308.88) / 2$ $(5.37--5.34) \times (309.01+308.88) / 2$ $(5.47--5.37) \times (309.01+308.88) / 2$ $(5.49--5.47) \times (309.01+308.88) / 2$ $(6.07--5.49) \times (309.25+308.88) / 2$ $(6.11--6.07) \times (309.24+308.88) / 2$ $(7.04--6.11) \times (308.94+308.88) / 2$ $(-5.04--7.04) \times (308.54+308.54) / 2$	377.57 139.06 89.57 64.86 135.94 27.81 160.70 327.57 74.17 1097.07 15.45 698.37 9.27 30.90 6.18 179.30 12.37 287.45 -3727.16	7.12	
5 40.00	ZU1	$(-4.47--5.26) \times (308.53+309.02) / 2$ $(-3.74--4.47) \times (308.29+308.53) / 2$ $(-3.69--3.74) \times (308.28+308.29) / 2$ $(-3.64--3.69) \times (308.29+308.28) / 2$ $(-3.07--3.64) \times (308.48+308.29) / 2$ $(-1.29--3.07) \times (308.53+308.48) / 2$ $(-1.19--1.29) \times (308.53+308.53) / 2$ $(-0.84--1.19) \times (308.54+308.53) / 2$ $(-0.01--0.84) \times (308.52+308.54) / 2$ $(0.04--0.01) \times (308.52+308.52) / 2$ $(5.19--0.04) \times (308.45+308.52) / 2$ $(5.94--5.19) \times (308.38+308.45) / 2$ $(6.80--5.94) \times (308.30+308.38) / 2$ $(-5.26--6.80) \times (307.90+307.90) / 2$	243.93 225.14 15.41 15.41 175.78 549.14 30.85 107.99 256.08 15.43 1588.70 231.31 265.17 -3713.27	6.45	
6 50.00	ZU1	$(-5.12--5.62) \times (307.93+308.24) / 2$ $(-4.53--5.12) \times (307.79+307.93) / 2$ $(-4.29--4.53) \times (307.74+307.79) / 2$ $(-3.82--4.29) \times (307.90+307.74) / 2$ $(-3.70--3.82) \times (307.94+307.90) / 2$ $(-2.90--3.70) \times (307.96+307.94) / 2$ $(-1.13--2.90) \times (308.00+307.96) / 2$ $(3.21--1.13) \times (307.92+308.00) / 2$ $(3.47--3.21) \times (307.92+307.92) / 2$ $(4.52--3.47) \times (307.90+307.92) / 2$	154.04 181.64 73.86 144.68 36.95 246.36 545.12 1336.55 80.06 323.31	7.07	
A RIPORTARE mq			3122.57		

		CALCOLO DELLE AREE			Foglio n. 7
S.BON.UTIL.					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			3122.57		
7 60.00	ZU1	(4.89-4.52)x(307.89+307.90)/2 (4.91-4.89)x(307.89+307.89)/2 (5.01-4.91)x(307.88+307.89)/2 (6.30-5.01)x(307.75+307.88)/2 (-5.62-6.30)x(307.35+307.35)/2 (-4.90--5.62)x(307.23+307.44)/2 (-4.83--4.90)x(307.25+307.23)/2 (-4.32--4.83)x(307.43+307.25)/2 (-4.20--4.32)x(307.43+307.43)/2 (-1.72--4.20)x(307.55+307.43)/2 (-1.42--1.72)x(307.47+307.55)/2 (-0.56--1.42)x(307.44+307.47)/2 (-0.48--0.56)x(307.44+307.44)/2 (-0.18--0.48)x(307.43+307.44)/2 (0.34--0.18)x(307.42+307.43)/2 (0.38-0.34)x(307.42+307.42)/2 (4.57-0.38)x(307.32+307.42)/2 (5.48-4.57)x(307.25+307.32)/2 (5.79-5.48)x(307.22+307.25)/2 (-5.62-5.79)x(306.82+306.82)/2	113.92 6.16 30.79 397.08 -3663.61 221.28 21.51 156.74 36.89 762.58 92.25 264.41 24.60 92.23 159.86 12.30 1287.88 279.63 95.24 -3500.82	6.91	
8 68.03	ZU1	(-5.35--5.39)x(306.84+306.83)/2 (-4.81--5.35)x(307.03+306.84)/2 (-2.02--4.81)x(307.04+307.03)/2 (-1.96--2.02)x(307.04+307.04)/2 (-1.90--1.96)x(307.04+307.04)/2 (-1.64--1.90)x(307.04+307.04)/2 (-0.53--1.64)x(307.01+307.04)/2 (4.28--0.53)x(306.87+307.01)/2 (4.55-4.28)x(306.97+306.87)/2 (4.78-4.55)x(307.01+306.97)/2 (5.34-4.78)x(306.93+307.01)/2 (-5.39-5.34)x(306.33+306.33)/2	12.27 165.74 856.63 18.42 18.42 79.83 340.80 1476.38 82.87 70.61 171.90 -3286.92	6.58	
9 76.40	ZU1	(-5.34--5.72)x(306.60+306.47)/2 (-5.32--5.34)x(306.61+306.60)/2 (-5.18--5.32)x(306.61+306.61)/2 (-4.50--5.18)x(306.62+306.61)/2 (-1.78--4.50)x(306.65+306.62)/2 (-1.39--1.78)x(306.63+306.65)/2 (3.89--1.39)x(306.45+306.63)/2 (3.91-3.89)x(306.45+306.45)/2 (3.97-3.91)x(306.44+306.45)/2 (5.47-3.97)x(306.30+306.44)/2 (-5.32-5.47)x(305.80+305.80)/2 (-5.72--5.32)x(306.47+306.47)/2	116.48 6.13 42.93 208.50 834.05 119.59 1618.53 6.13 18.39 459.55 -3299.58 -122.59	6.95	
10 90.00	ZU1	(-3.01--5.02)x(306.01+306.00)/2 (0.88--3.01)x(305.93+306.01)/2 (3.32-0.88)x(305.88+305.93)/2 (4.49-3.32)x(305.81+305.88)/2 (5.14-4.49)x(305.76+305.81)/2 (-5.02-5.14)x(305.16+305.16)/2	615.07 1190.22 746.41 357.84 198.76 -3100.43	8.11	
11 100.00	ZU2	(-4.41--4.91)x(305.66+305.62)/2 (-3.50--4.41)x(305.63+305.66)/2 (-4.91--3.50)x(304.62+304.62)/2	152.82 278.14 -429.51	7.87	
11 100.00	ZU1	(2.53-2.50)x(305.49+305.49)/2 (4.20-2.53)x(305.42+305.49)/2 (4.56-4.20)x(305.41+305.42)/2 (4.86-4.56)x(305.26+305.41)/2 (5.87-4.86)x(304.83+305.26)/2 (2.50-5.87)x(304.53+304.53)/2	9.16 510.11 109.95 91.60 308.10 -1026.27	1.45	
12 110.00	ZU2	(-4.09--5.01)x(305.25+305.20)/2 (-3.93--4.09)x(305.27+305.25)/2 (-5.01--3.93)x(304.30+304.30)/2	280.81 48.84 -328.64	2.65	
12 110.00	ZU1	(2.09-2.07)x(305.16+305.16)/2 (2.39-2.09)x(305.21+305.16)/2 (2.85-2.39)x(305.19+305.21)/2 (3.98-2.85)x(305.11+305.19)/2 (5.74-3.98)x(304.16+305.11)/2 (2.07-5.74)x(303.96+303.96)/2	6.10 91.56 140.39 344.82 536.16 -1115.53	1.01	
13 120.00	ZU1	(1.88-0.00)x(304.89+304.92)/2 (2.97-1.88)x(304.87+304.89)/2 (3.78-2.97)x(304.85+304.87)/2 (5.08-3.78)x(304.73+304.85)/2 (0.00-5.08)x(303.83+303.83)/2	573.22 332.32 246.94 396.23 -1543.46	3.50	
14 130.00	ZU1	(1.87-1.83)x(304.69+304.69)/2 (2.00-1.87)x(304.73+304.69)/2 (2.58-2.00)x(304.67+304.73)/2 (4.07-2.58)x(304.68+304.67)/2 (4.95-4.07)x(304.64+304.68)/2 (1.83-4.95)x(303.74+303.74)/2	12.19 39.61 176.73 453.97 268.10 -947.67	5.25	
15 140.00	ZU1	(2.09-1.97)x(304.66+304.65)/2 (2.24-2.09)x(304.67+304.66)/2 (2.74-2.24)x(304.64+304.67)/2 (3.77-2.74)x(304.64+304.64)/2 (4.08-3.77)x(304.64+304.64)/2 (4.86-4.08)x(304.62+304.64)/2 (1.97-4.86)x(303.72+303.72)/2	36.56 45.70 152.33 313.78 94.44 237.61 -877.75	2.93	
16 150.00	ZU1	(2.39-2.37)x(304.64+304.64)/2 (3.69-2.39)x(304.65+304.64)/2 (4.82-3.69)x(304.62+304.65)/2 (2.37-4.82)x(303.72+303.72)/2	6.09 396.04 344.24 -744.11	2.67	
17	ZU1	(2.85-2.84)x(304.67+304.67)/2	3.05	2.26	
A RIPORTARE mq			3.05		

		CALCOLO DELLE AREE			Foglio n. 8
S.BON.UTIL.					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			3.05		
158.00		$(4.63-2.85) \times (304.45+304.67) / 2$	542.12		
		$(5.10-4.63) \times (304.40+304.45) / 2$	143.08		
		$(5.28-5.10) \times (304.39+304.40) / 2$	54.79		
		$(2.84-5.28) \times (303.49+303.49) / 2$	-740.52		
18	ZU1	$(4.41-3.62) \times (304.77+304.71) / 2$	240.74	2.52	
166.57		$(4.85-4.41) \times (304.73+304.77) / 2$	134.09		
		$(3.62-4.85) \times (303.83+303.83) / 2$	-373.71	1.12	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE			Foglio n. 9
STRATO DI BINDER					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
1 0.00	q1	(-4.11--11.43) (6.05--4.11)	7.32 10.16		
2 10.00	q1	(0.00--4.39) (4.05-0.00)	4.39 4.05	17.48	
3	q1	(4.00--4.00)	8.00	8.44	
4	q1	(4.00--4.00)	8.00	8.00	
5	q1	(4.00--4.00)	8.00	8.00	
6 50.00	q1	(0.00--4.00) (4.00-0.00)	4.00 4.00	8.00	
7 60.00	q1	(0.00--4.00) (4.00-0.00)	4.00 4.00	8.00	
8 68.03	q1	(0.00--4.00) (4.00-0.00)	4.00 4.00	8.00	
9	q1	(4.00--4.00)	8.00	8.00	
10	q1	(4.00--4.00)	8.00	8.00	
11	q1	(4.00--4.00)	8.00	8.00	
12	q1	(4.00--4.00)	8.00	8.00	
13	q1	(4.00--4.00)	8.00	8.00	
14	q1	(4.00--4.00)	8.00	8.00	
15	q1	(4.00--4.00)	8.00	8.00	
16	q1	(4.00--4.00)	8.00	8.00	
17	q1	(4.00--4.00)	8.00	8.00	
18	q1	(4.00--4.00)	8.00	8.00	
19 180.00	q1	(0.00--4.00) (4.00-0.00)	4.00 4.00	8.00	
20 190.00	q1	(0.00--4.00) (4.00-0.00)	4.00 4.00	8.00	

Il Direttore dei Lavori

L'Impresa

		CALCOLO DELLE LUNGHEZZE			Foglio n. 10
STRATO DI BASE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
1	rb1	(6.05--4.11)	10.16		
2	rb1	(0.00--4.39)	4.39	10.16	
10.00		(4.05-0.00)	4.05		
3	rb1	(4.00--4.00)	8.00	8.44	
4	rb1	(4.00--4.00)	8.00	8.00	
5	rb1	(4.00--4.00)	8.00	8.00	
6	rb1	(0.00--4.00)	4.00	8.00	
50.00		(4.00-0.00)	4.00		
7	rb1	(0.00--4.00)	4.00	8.00	
60.00		(4.00-0.00)	4.00		
8	rb1	(0.00--4.00)	4.00	8.00	
68.03		(4.00-0.00)	4.00		
9	rb1	(4.00--4.00)	8.00	8.00	
10	rb1	(4.00--4.00)	8.00	8.00	
11	rb1	(4.00--4.00)	8.00	8.00	
12	rb1	(4.00--4.00)	8.00	8.00	
13	rb1	(4.00-0.00)	4.00	8.00	
14	rb1	(4.00-1.83)	2.17	4.00	
15	rb1	(4.00-1.97)	2.03	2.17	
16	rb1	(4.00-2.37)	1.63	2.03	
17	rb1	(4.00-2.84)	1.16	1.63	
18	rb1	(4.00--4.00)	8.00	1.16	
				8.00	
Il Direttore dei Lavori		L'Impresa			

		COMPUTO DEI VOLUMI			Foglio n. 11			
AIA RIL.								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
1	2	1	CR1	22.75	10.00	5.00	113.750	
0.00	10.00	2	CR1	20.62	10.00	5.00	103.100	
2	3	2	CR1	20.62	10.00	5.00	103.100	216.850
10.00	20.00	3	CR1	19.91	10.00	5.00	99.550	
3	4	3	CR1	19.91	10.00	5.00	99.550	202.650
20.00	30.00	4	CR1	17.25	10.00	5.00	86.250	
4	5	4	CR1	17.25	10.00	5.00	86.250	185.800
30.00	40.00	5	CR1	15.63	10.00	5.00	78.150	
5	6	5	CR1	15.63	10.00	5.00	78.150	164.400
40.00	50.00	6	CR1	12.58	10.00	5.00	62.900	
6	7	6	CR1	12.58	10.00	5.00	62.900	141.050
50.00	60.00	7	CR1	9.05	10.00	5.00	45.250	
7	8	7	CR1	9.05	8.03	4.02	36.381	108.150
60.00	68.03	8	CR1	8.10	8.03	4.02	32.562	
8	9	8	CR1	8.10	8.37	4.19	33.939	68.943
68.03	76.40	9	CR1	8.15	8.37	4.19	34.149	
9	10	9	CR1	8.15	13.60	6.80	55.420	68.088
76.40	90.00	10	CR1	6.70	13.60	6.80	45.560	
10	11	10	CR1	6.70	10.00	5.00	33.500	100.980
90.00	100.00	11	CR1	1.12	10.00	5.00	5.600	
11	12	11	CR2	2.18	10.00	5.00	10.900	50.000
100.00	110.00	11	CR2	1.12	10.00	5.00	5.600	
12	13	12	CR1	0.79	10.00	5.00	3.950	36.650
110.00	120.00	12	CR2	3.24	10.00	5.00	16.200	
13	14	13	CR1	4.43	10.00	5.00	22.150	42.300
120.00	130.00	14	CR1	2.36	10.00	5.00	11.800	
14	15	14	CR1	2.36	10.00	5.00	11.800	33.950
130.00	140.00	15	CR1	2.01	10.00	5.00	10.050	
15	16	15	CR1	2.01	10.00	5.00	10.050	21.850
140.00	150.00	16	CR1	1.70	10.00	5.00	8.500	
16	17	16	CR1	1.70	8.00	4.00	6.800	18.550
150.00	158.00	17	CR1	2.31	8.00	4.00	9.240	
17	18	17	CR1	2.31	8.57	4.28	9.887	16.040
158.00	166.57	18	CR1	0.80	8.57	4.28	3.424	
18	19	18	CR1	0.80	13.43	6.72	5.376	13.311
								5.376
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			1494.938

		COMPUTO DEI VOLUMI					Foglio n. 12	
VEGETALE								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
1	2	1	G1	0.90	10.00	5.00	4.500	
0.00	10.00	2	G1	0.43	10.00	5.00	2.150	
		2	G2	0.95	10.00	5.00	4.750	11.400
2	3	2	G1	0.43	10.00	5.00	2.150	
10.00	20.00	2	G2	0.95	10.00	5.00	4.750	
		3	G2	0.17	10.00	5.00	0.850	
		3	G1	0.83	10.00	5.00	4.150	11.900
3	4	3	G2	0.17	10.00	5.00	0.850	
20.00	30.00	3	G1	0.83	10.00	5.00	4.150	
		4	G2	0.29	10.00	5.00	1.450	
		4	G1	0.73	10.00	5.00	3.650	10.100
4	5	4	G2	0.29	10.00	5.00	1.450	
30.00	40.00	4	G1	0.73	10.00	5.00	3.650	
		5	G2	0.39	10.00	5.00	1.950	
		5	G1	0.69	10.00	5.00	3.450	10.500
5	6	5	G2	0.39	10.00	5.00	1.950	
40.00	50.00	5	G1	0.69	10.00	5.00	3.450	
		6	G2	0.53	10.00	5.00	2.650	
		6	G1	0.55	10.00	5.00	2.750	10.800
6	7	6	G2	0.53	10.00	5.00	2.650	
50.00	60.00	6	G1	0.55	10.00	5.00	2.750	
		7	G2	0.55	10.00	5.00	2.750	
		7	G1	0.41	10.00	5.00	2.050	10.200
7	8	7	G2	0.55	8.03	4.02	2.211	
60.00	68.03	7	G1	0.41	8.03	4.02	1.648	
		8	G1	0.62	8.03	4.02	2.492	
		8	G2	0.26	8.03	4.02	1.045	7.396
8	9	8	G1	0.62	8.37	4.19	2.598	
68.03	76.40	8	G2	0.26	8.37	4.19	1.089	
		9	G1	0.78	8.37	4.19	3.268	
		9	G2	0.31	8.37	4.19	1.299	8.254
9	10	9	G1	0.78	13.60	6.80	5.304	
76.40	90.00	9	G2	0.31	13.60	6.80	2.108	
		10	G1	0.23	13.60	6.80	1.564	
		10	G2	0.25	13.60	6.80	1.700	10.676
10	11	10	G1	0.23	10.00	5.00	1.150	
90.00	100.00	10	G2	0.25	10.00	5.00	1.250	
		11	G1	0.23	10.00	5.00	1.150	
		11	G2	0.44	10.00	5.00	2.200	5.750
11	12	11	G1	0.23	10.00	5.00	1.150	
100.00	110.00	11	G2	0.44	10.00	5.00	2.200	
		12	G2	0.23	10.00	5.00	1.150	
		12	G1	1.41	10.00	5.00	7.050	11.550
12	13	12	G2	0.23	10.00	5.00	1.150	
110.00	120.00	12	G1	1.41	10.00	5.00	7.050	
		13	G2	0.25	10.00	5.00	1.250	9.450
13	14	13	G2	0.25	10.00	5.00	1.250	
120.00	130.00	14	G2	0.22	10.00	5.00	1.100	2.350
14	15	14	G2	0.22	10.00	5.00	1.100	
130.00	140.00	15	G2	0.22	10.00	5.00	1.100	2.200
15	16	15	G2	0.22	10.00	5.00	1.100	
140.00	150.00	16	G2	0.20	10.00	5.00	1.000	2.100
16	17	16	G2	0.20	8.00	4.00	0.800	
150.00	158.00	17	G1	0.27	8.00	4.00	1.080	1.880
17	18	17	G1	0.27	8.57	4.28	1.156	
158.00	166.57	18	G1	0.21	8.57	4.28	0.899	2.055
18	19	18	G1	0.21	13.43	6.72	1.411	1.411
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO		129.972	

		COMPUTO DEI VOLUMI					Foglio n. 13	
S.BON.UTIL.								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
1	2	1	ZU1	9.56	10.00	5.00	47.800	
0.00	10.00	2	ZU1	8.19	10.00	5.00	40.950	88.750
2	3	2	ZU1	8.19	10.00	5.00	40.950	
10.00	20.00	3	ZU1	7.12	10.00	5.00	35.600	76.550
3	4	3	ZU1	7.12	10.00	5.00	35.600	
20.00	30.00	4	ZU1	6.45	10.00	5.00	32.250	67.850
4	5	4	ZU1	6.45	10.00	5.00	32.250	
30.00	40.00	5	ZU1	7.07	10.00	5.00	35.350	67.600
5	6	5	ZU1	7.07	10.00	5.00	35.350	
40.00	50.00	6	ZU1	6.91	10.00	5.00	34.550	69.900
6	7	6	ZU1	6.91	10.00	5.00	34.550	
50.00	60.00	7	ZU1	6.58	10.00	5.00	32.900	67.450
7	8	7	ZU1	6.58	8.03	4.02	26.452	
60.00	68.03	8	ZU1	6.95	8.03	4.02	27.939	54.391
8	9	8	ZU1	6.95	8.37	4.19	29.121	
68.03	76.40	9	ZU1	8.11	8.37	4.19	33.981	63.102
9	10	9	ZU1	8.11	13.60	6.80	55.148	
76.40	90.00	10	ZU1	7.87	13.60	6.80	53.516	108.664
10	11	10	ZU1	7.87	10.00	5.00	39.350	
90.00	100.00	11	ZU2	1.45	10.00	5.00	7.250	
		11	ZU1	2.65	10.00	5.00	13.250	59.850
11	12	11	ZU2	1.45	10.00	5.00	7.250	
100.00	110.00	11	ZU1	2.65	10.00	5.00	13.250	
		12	ZU2	1.01	10.00	5.00	5.050	
		12	ZU1	3.50	10.00	5.00	17.500	43.050
12	13	12	ZU2	1.01	10.00	5.00	5.050	
110.00	120.00	12	ZU1	3.50	10.00	5.00	17.500	
		13	ZU1	5.25	10.00	5.00	26.250	48.800
13	14	13	ZU1	5.25	10.00	5.00	26.250	
120.00	130.00	14	ZU1	2.93	10.00	5.00	14.650	40.900
14	15	14	ZU1	2.93	10.00	5.00	14.650	
130.00	140.00	15	ZU1	2.67	10.00	5.00	13.350	28.000
15	16	15	ZU1	2.67	10.00	5.00	13.350	
140.00	150.00	16	ZU1	2.26	10.00	5.00	11.300	24.650
16	17	16	ZU1	2.26	8.00	4.00	9.040	
150.00	158.00	17	ZU1	2.52	8.00	4.00	10.080	19.120
17	18	17	ZU1	2.52	8.57	4.28	10.786	
158.00	166.57	18	ZU1	1.12	8.57	4.28	4.794	15.580
18	19	18	ZU1	1.12	13.43	6.72	7.526	7.526
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO		951.733	

		COMPUTO DI SUPERFICI			Foglio n. 14			
STRATO DI BINDER								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI ml	DISTANZA DI CALCOLO ml	AREA PARZIALE mq	AREA TOTALE mq
1	2	1	q1	17.48	10.00	5.00	87.40	
0.00	10.00	2	q1	8.44	10.00	5.00	42.20	
2	3	2	q1	8.44	10.00	5.00	42.20	129.60
10.00	20.00	3	q1	8.00	10.00	5.00	40.00	
3	4	3	q1	8.00	10.00	5.00	40.00	82.20
20.00	30.00	4	q1	8.00	10.00	5.00	40.00	
4	5	4	q1	8.00	10.00	5.00	40.00	80.00
30.00	40.00	5	q1	8.00	10.00	5.00	40.00	
5	6	5	q1	8.00	10.00	5.00	40.00	80.00
40.00	50.00	6	q1	8.00	10.00	5.00	40.00	
6	7	6	q1	8.00	10.00	5.00	40.00	80.00
50.00	60.00	7	q1	8.00	10.00	5.00	40.00	
7	8	7	q1	8.00	8.03	4.02	32.16	80.00
60.00	68.03	8	q1	8.00	8.03	4.02	32.16	
8	9	8	q1	8.00	8.37	4.19	33.52	64.32
68.03	76.40	9	q1	8.00	8.37	4.19	33.52	
9	10	9	q1	8.00	13.60	6.80	54.40	67.04
76.40	90.00	10	q1	8.00	13.60	6.80	54.40	
10	11	10	q1	8.00	10.00	5.00	40.00	108.80
90.00	100.00	11	q1	8.00	10.00	5.00	40.00	
11	12	11	q1	8.00	10.00	5.00	40.00	80.00
100.00	110.00	12	q1	8.00	10.00	5.00	40.00	
12	13	12	q1	8.00	10.00	5.00	40.00	80.00
110.00	120.00	13	q1	8.00	10.00	5.00	40.00	
13	14	13	q1	8.00	10.00	5.00	40.00	80.00
120.00	130.00	14	q1	8.00	10.00	5.00	40.00	
14	15	14	q1	8.00	10.00	5.00	40.00	80.00
130.00	140.00	15	q1	8.00	10.00	5.00	40.00	
15	16	15	q1	8.00	10.00	5.00	40.00	80.00
140.00	150.00	16	q1	8.00	10.00	5.00	40.00	
16	17	16	q1	8.00	8.00	4.00	32.00	80.00
150.00	158.00	17	q1	8.00	8.00	4.00	32.00	
17	18	17	q1	8.00	8.57	4.28	34.24	64.00
158.00	166.57	18	q1	8.00	8.57	4.28	34.24	
18	19	18	q1	8.00	13.43	6.72	53.76	68.48
166.57	180.00	19	q1	8.00	13.43	6.72	53.76	
19	20	19	q1	8.00	10.00	5.00	40.00	107.52
180.00	190.00	20	q1	8.00	10.00	5.00	40.00	
								80.00
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO		1571.96	

		COMPUTO DI SUPERFICI					Foglio n. 15	
STRATO DI BASE								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI ml	DISTANZA DI CALCOLO ml	AREA PARZIALE mq	AREA TOTALE mq
1	2	1	rbl	10.16	10.00	5.00	50.80	
0.00	10.00	2	rbl	8.44	10.00	5.00	42.20	
2	3	2	rbl	8.44	10.00	5.00	42.20	93.00
10.00	20.00	3	rbl	8.00	10.00	5.00	40.00	
3	4	3	rbl	8.00	10.00	5.00	40.00	82.20
20.00	30.00	4	rbl	8.00	10.00	5.00	40.00	
4	5	4	rbl	8.00	10.00	5.00	40.00	80.00
30.00	40.00	5	rbl	8.00	10.00	5.00	40.00	
5	6	5	rbl	8.00	10.00	5.00	40.00	80.00
40.00	50.00	6	rbl	8.00	10.00	5.00	40.00	
6	7	6	rbl	8.00	10.00	5.00	40.00	80.00
50.00	60.00	7	rbl	8.00	10.00	5.00	40.00	
7	8	7	rbl	8.00	8.03	4.02	32.16	80.00
60.00	68.03	8	rbl	8.00	8.03	4.02	32.16	
8	9	8	rbl	8.00	8.37	4.19	33.52	64.32
68.03	76.40	9	rbl	8.00	8.37	4.19	33.52	
9	10	9	rbl	8.00	13.60	6.80	54.40	67.04
76.40	90.00	10	rbl	8.00	13.60	6.80	54.40	
10	11	10	rbl	8.00	10.00	5.00	40.00	108.80
90.00	100.00	11	rbl	8.00	10.00	5.00	40.00	
11	12	11	rbl	8.00	10.00	5.00	40.00	80.00
100.00	110.00	12	rbl	8.00	10.00	5.00	40.00	
12	13	12	rbl	8.00	10.00	5.00	40.00	80.00
110.00	120.00	13	rbl	4.00	10.00	5.00	20.00	
13	14	13	rbl	4.00	10.00	5.00	20.00	60.00
120.00	130.00	14	rbl	2.17	10.00	5.00	10.85	
14	15	14	rbl	2.17	10.00	5.00	10.85	30.85
130.00	140.00	15	rbl	2.03	10.00	5.00	10.15	
15	16	15	rbl	2.03	10.00	5.00	10.15	21.00
140.00	150.00	16	rbl	1.63	10.00	5.00	8.15	
16	17	16	rbl	1.63	8.00	4.00	6.52	18.30
150.00	158.00	17	rbl	1.16	8.00	4.00	4.64	
17	18	17	rbl	1.16	8.57	4.28	4.96	11.16
158.00	166.57	18	rbl	8.00	8.57	4.28	34.24	
18	19	18	rbl	8.00	13.43	6.72	53.76	39.20
								53.76
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO		1129.63	

COMPUTO DEI VOLUMI		Foglio n. 16		
Volume dalla sezione 1 alla sezione 20				
ARTICOLO				VOLUME
CR ALA RIL.	ml	173.30	mc	1494.938
G VEGETALE	ml	173.30	mc	129.972
ZU S.BON.UTIL.	ml	173.30	mc	951.733
q STRATO DI BINDER			mq	1571.96
rb STRATO DI BASE			mq	1129.63