



PONTE SULLO STRETTO DI MESSINA



PROGETTO DEFINITIVO

EUROLINK S.C.p.A.

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 SOCIETÀ ITALIANA PER CONDOTTE D'ACQUA S.p.A. (MANDANTE)
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<p><i>Unità Funzionale</i></p> <p><i>Tipo di sistema</i></p> <p><i>Raggruppamento di opere/attività</i></p> <p><i>Opera - tratto d'opera - parte d'opera</i></p> <p><i>Titolo del documento</i></p>	<p>COLLEGAMENTI CALABRIA</p> <p>INFRASTRUTTURE STRADALI OPERE CIVILI</p> <p>ELEMENTI DI CARATTERE GENERALE</p> <p>GENERALE</p> <p>TABULATI MOVIMENTI MATERIA – Collegamento al Centro Direzionale</p>	<p>CS0113_F0</p>
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REV	DATA	DESCRIZIONE	REDATTO	VERIFICATO	APPROVATO
F0	20/06/2011	EMISSIONE FINALE	PRO ITER srl	F. BERTONI	F. COLLA

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

INDICE

INDICE.....	3
MOVIMENTI MATERIA RAMPA F.....	5
MOVIMENTI MATERIA RAMPA G.....	72
MOVIMENTI MATERIA RAMPA U.....	150
MOVIMENTI MATERIA ASSE V.....	217
MOVIMENTI MATERIA RAMPA L.....	284
MOVIMENTI MATERIA RAMPA M.....	354
MOVIMENTI MATERIA RAMPA S.....	427
MOVIMENTI MATERIA ASSE T.....	462

		<p align="center">Ponte sullo Stretto di Messina PROGETTO DEFINITIVO</p>		
<p align="center">TABULATI MOVIMENTI MATERIA</p>	<p><i>Codice documento</i> CS0113_F0.doc</p>	<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>	

		<p align="center">Ponte sullo Stretto di Messina PROGETTO DEFINITIVO</p>		
<p align="center">TABULATI MOVIMENTI MATERIA</p>	<p><i>Codice documento</i> CS0113_F0.doc</p>	<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>	

MOVIMENTI MATERIA RAMPA F

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
CALCOLO DELLE AREE Foglio n. 1						
STERRI E RIPORTI						
F-1	R1		$(-0.00-6.20) \times (74.31+74.11)/2$	460.10		
0.00			$(-4.50-0.00) \times (80.03+80.14)/2$	-360.38		
			$(-4.70-4.50) \times (80.03+80.03)/2$	-16.01		
			$(-6.20-4.70) \times (80.83+80.83)/2$	-121.25		
F-2	R1		$(-3.06-6.95) \times (72.30+72.28)/2$	281.21	37.54	
21.72			$(-3.03-3.06) \times (73.01+72.30)/2$	2.18		
			$(0.00-3.03) \times (73.32+73.01)/2$	221.69		
			$(-5.25-0.00) \times (80.02+79.93)/2$	-419.87		
			$(-5.45-5.25) \times (80.03+80.02)/2$	-16.01		
			$(-6.95-5.45) \times (80.83+80.83)/2$	-121.25		
F-3	R1		$(-5.22-6.00) \times (71.00+70.36)/2$	55.13	52.05	
39.10			$(-4.96-5.22) \times (71.32+71.00)/2$	18.50		
			$(0.00-4.96) \times (71.47+71.32)/2$	354.12		
			$(-0.22-0.00) \times (79.93+79.92)/2$	-17.58		
			$(-5.50-0.22) \times (80.22+79.93)/2$	-422.80		
			$(-6.00-5.50) \times (80.71+80.71)/2$	-40.35		
F-5t	R1		$(-5.78-6.00) \times (69.00+69.02)/2$	15.18	52.98	
78.20			$(1.20-5.78) \times (69.00+69.00)/2$	481.62		
			$(0.98-1.20) \times (80.40+80.39)/2$	-17.69		
			$(-5.50-0.98) \times (80.67+80.40)/2$	-521.87		
			$(-6.00-5.50) \times (81.16+81.16)/2$	-40.58		
F-6	R1		$(-3.36-7.50) \times (71.59+71.50)/2$	296.20	83.34	
82.58			$(-0.22-3.36) \times (71.00+71.59)/2$	223.87		
			$(1.20-0.22) \times (71.00+71.00)/2$	100.82		
			$(0.98-1.20) \times (80.48+80.47)/2$	-17.70		
			$(-5.50-0.98) \times (80.70+80.48)/2$	-522.22		
			$(-7.50-5.50) \times (81.50+81.50)/2$	-163.00		
F-7	R1		$(-0.59-13.80) \times (71.96+71.99)/2$	950.79	82.03	
94.14			$(-0.57-0.59) \times (73.79+71.96)/2$	1.46		
			$(1.10-0.57) \times (74.00+73.79)/2$	123.40		
			$(1.97-1.10) \times (74.46+74.00)/2$	64.58		
			$(2.50-1.97) \times (74.48+74.46)/2$	39.47		
			$(1.40-2.50) \times (81.17+81.17)/2$	-89.29		
			$(1.90-1.40) \times (80.67+81.17)/2$	40.46		
			$(1.00-1.90) \times (80.67+80.67)/2$	-72.60		
			$(-5.50-1.00) \times (80.76+80.67)/2$	-524.65		
			$(-6.40-5.50) \times (80.76+80.76)/2$	-72.68		
			$(-5.90-6.40) \times (81.26+80.76)/2$	40.51		
			$(-6.92-5.90) \times (81.26+81.26)/2$	-82.89		
			$(-12.37-6.92) \times (78.15+81.26)/2$	-434.39		
			$(-13.80-12.37) \times (78.15+78.15)/2$	-111.75		
F-8	R1		$(-8.01-15.56) \times (72.55+72.33)/2$	546.92	127.58	
105.99			$(-5.71-8.01) \times (73.00+72.55)/2$	167.38		
			$(-4.61-5.71) \times (74.00+73.00)/2$	80.85		
			$(-3.95-4.61) \times (74.20+74.00)/2$	48.91		
			$(-2.33-3.95) \times (74.61+74.20)/2$	120.54		
			$(-1.73-2.33) \times (75.00+74.61)/2$	44.88		
A RIPORTARE mq				1009.48		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

CALCOLO DELLE AREE		Foglio n. 2	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	1009.48
		(1.00-1.73)x(75.22+75.00)/2	205.05
		(-5.50-1.00)x(80.77+80.77)/2	-525.01
		(-6.42-5.50)x(80.75+80.77)/2	-74.30
		(-5.90-6.42)x(81.27+80.75)/2	42.13
		(-6.92-5.90)x(81.27+81.27)/2	-82.90
		(-14.13-6.92)x(77.15+81.27)/2	-571.10
		(-15.56-14.13)x(77.14+77.15)/2	-110.32
F-9	R1	(-15.96-16.38)x(74.00+73.95)/2	31.07
123.16		(-12.01-15.96)x(74.29+74.00)/2	292.87
		(-5.40-12.01)x(74.51+74.29)/2	491.78
		(-4.50-5.40)x(75.00+74.51)/2	67.28
		(-3.85-4.50)x(76.01+75.00)/2	49.08
		(-3.48-3.85)x(76.20+76.01)/2	28.16
		(2.50-3.48)x(76.29+76.20)/2	455.95
		(1.40-2.50)x(81.37+81.37)/2	-89.51
		(1.87-1.40)x(80.91+81.37)/2	38.14
		(1.00-1.87)x(80.86+80.91)/2	-70.37
		(-5.50-1.00)x(80.62+80.86)/2	-524.81
		(-6.42-5.50)x(80.59+80.62)/2	-74.16
		(-5.90-6.42)x(81.12+80.59)/2	42.04
		(-6.92-5.90)x(81.12+81.12)/2	-82.74
		(-14.95-6.92)x(76.46+81.12)/2	-632.68
		(-16.38-14.95)x(76.46+76.46)/2	-109.34
F-10	R1	(-16.60-17.44)x(74.42+74.33)/2	62.47
139.19		(-7.46-16.60)x(74.59+74.42)/2	680.98
		(-6.85-7.46)x(75.01+74.59)/2	45.63
		(-5.77-6.85)x(76.01+75.01)/2	81.55
		(-5.44-5.77)x(76.33+76.01)/2	25.14
		(2.50-5.44)x(76.57+76.33)/2	607.01
		(1.40-2.50)x(81.35+81.35)/2	-89.48
		(1.86-1.40)x(80.90+81.35)/2	37.32
		(1.00-1.86)x(80.84+80.90)/2	-69.55
		(-5.84-1.00)x(80.39+80.84)/2	-551.41
		(-6.60-5.84)x(80.34+80.39)/2	-61.08
		(-6.19-6.60)x(80.88+80.34)/2	33.05
		(-7.26-6.19)x(80.88+80.88)/2	-86.54
		(-16.01-7.26)x(75.88+80.88)/2	-685.83
		(-17.44-16.01)x(75.88+75.88)/2	-108.51
F-11	R1	(-9.02-17.75)x(74.56+74.12)/2	648.99
149.32		(-8.18-9.02)x(75.01+74.56)/2	62.82
		(-6.99-8.18)x(76.01+75.01)/2	89.86
		(-6.59-6.99)x(75.95+76.01)/2	30.39
		(2.50-6.59)x(76.56+75.95)/2	693.16
		(1.40-2.50)x(81.33+81.33)/2	-89.46
		(1.85-1.40)x(80.87+81.33)/2	36.50
		(1.00-1.85)x(80.81+80.87)/2	-68.71
		(-6.15-1.00)x(80.34+80.81)/2	-576.11
		(-6.91-6.15)x(80.29+80.34)/2	-61.04
		A RIPORTARE mq	766.40

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
				RIPORTIO mq	766.40	
			$(-6.50-6.91) \times (80.82+80.29) / 2$	33.03		
			$(-7.57-6.50) \times (80.82+80.82) / 2$	-86.48		
			$(-16.32-7.57) \times (75.82+80.82) / 2$	-685.30		
			$(-17.75-16.32) \times (75.82+75.82) / 2$	-108.42		
F-12	R1		$(-9.05-17.23) \times (74.04+73.29) / 2$	602.58	80.77	
161.50			$(-9.00-9.05) \times (73.17+74.04) / 2$	3.68		
			$(-7.73-9.00) \times (73.19+73.17) / 2$	92.94		
			$(-3.19-7.73) \times (73.61+73.19) / 2$	333.24		
			$(-2.57-3.19) \times (74.00+73.61) / 2$	45.76		
			$(-2.16-2.57) \times (75.01+74.00) / 2$	30.55		
			$(0.54-2.16) \times (76.01+75.01) / 2$	203.88		
			$(0.88-0.54) \times (76.51+76.01) / 2$	25.93		
			$(0.96-0.88) \times (76.56+76.51) / 2$	6.12		
			$(1.90-0.96) \times (77.00+76.56) / 2$	72.17		
			$(2.50-1.90) \times (77.47+77.00) / 2$	46.34		
			$(1.40-2.50) \times (81.27+81.27) / 2$	-89.40		
			$(1.86-1.40) \times (80.81+81.27) / 2$	37.28		
			$(1.00-1.86) \times (80.76+80.81) / 2$	-69.48		
			$(-5.63-1.00) \times (80.41+80.76) / 2$	-534.28		
			$(-6.42-5.63) \times (80.37+80.41) / 2$	-63.51		
			$(-5.99-6.42) \times (80.90+80.37) / 2$	34.67		
			$(-7.05-5.99) \times (80.90+80.90) / 2$	-85.75		
			$(-15.80-7.05) \times (75.90+80.90) / 2$	-686.00		
			$(-17.23-15.80) \times (75.90+75.90) / 2$	-108.54		
F-13	R1		$(-14.09-17.10) \times (74.00+73.37) / 2$	221.79	101.82	
174.50			$(-5.11-14.09) \times (75.01+74.00) / 2$	669.05		
			$(-4.03-5.11) \times (76.01+75.01) / 2$	81.55		
			$(2.45-4.03) \times (76.75+76.01) / 2$	494.94		
			$(2.50-2.45) \times (76.76+76.75) / 2$	3.84		
			$(1.40-2.50) \times (81.21+81.21) / 2$	-89.33		
			$(1.88-1.40) \times (80.74+81.21) / 2$	38.87		
			$(1.00-1.88) \times (80.70+80.74) / 2$	-71.03		
			$(-5.50-1.00) \times (80.48+80.70) / 2$	-523.84		
			$(-6.33-5.50) \times (80.45+80.48) / 2$	-66.79		
			$(-5.87-6.33) \times (80.97+80.45) / 2$	37.13		
			$(-6.92-5.87) \times (80.97+80.97) / 2$	-85.02		
			$(-15.67-6.92) \times (75.97+80.97) / 2$	-686.61		
			$(-17.10-15.67) \times (75.97+75.97) / 2$	-108.64		
F-14	R1		$(-8.41-17.10) \times (74.00+73.34) / 2$	640.19	84.09	
199.61			$(-7.61-8.41) \times (74.12+74.00) / 2$	59.25		
			$(-6.69-7.61) \times (75.02+74.12) / 2$	68.60		
			$(-4.07-6.69) \times (75.01+75.02) / 2$	196.54		
			$(2.50-4.07) \times (75.43+75.01) / 2$	494.20		
			$(1.40-2.50) \times (81.12+81.12) / 2$	-89.23		
			$(1.88-1.40) \times (80.64+81.12) / 2$	38.82		
			$(1.00-1.88) \times (80.62+80.64) / 2$	-70.95		
			$(-5.50-1.00) \times (80.46+80.62) / 2$	-523.51		
			$(-6.35-5.50) \times (80.44+80.46) / 2$	-68.38		
				A RIPORTARE mq	745.53	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

CALCOLO DELLE AREE		Foglio n. 4	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	745.53
		$(-5.88-6.35) \times (80.95+80.44) / 2$	37.93
		$(-6.92-5.88) \times (80.95+80.95) / 2$	-84.19
		$(-15.67-6.92) \times (75.95+80.95) / 2$	-686.44
		$(-17.10-15.67) \times (75.95+75.95) / 2$	-108.61
F-15	R1	$(-23.16-24.16) \times (72.30+72.16) / 2$	72.23
224.73		$(-22.42-23.16) \times (72.84+72.30) / 2$	53.70
		$(-17.61-22.42) \times (73.01+72.84) / 2$	350.77
		$(-5.64-17.61) \times (74.00+73.01) / 2$	879.85
		$(-5.00-5.64) \times (74.01+74.00) / 2$	47.36
		$(-4.20-5.00) \times (75.04+74.01) / 2$	59.62
		$(-2.37-4.20) \times (75.01+75.04) / 2$	137.30
		$(2.50-2.37) \times (75.28+75.01) / 2$	365.96
		$(1.40-2.50) \times (81.05+81.05) / 2$	-89.16
		$(1.88-1.40) \times (80.57+81.05) / 2$	38.79
		$(1.00-1.88) \times (80.54+80.57) / 2$	-70.89
		$(-5.50-1.00) \times (80.38+80.54) / 2$	-522.99
		$(-6.42-5.50) \times (80.36+80.38) / 2$	-73.94
		$(-5.90-6.42) \times (80.88+80.36) / 2$	41.92
		$(-6.91-5.90) \times (80.88+80.88) / 2$	-81.69
		$(-15.66-6.91) \times (75.88+80.88) / 2$	-685.82
		$(-17.66-15.66) \times (75.88+75.88) / 2$	-151.76
		$(-24.16-17.66) \times (72.16+75.88) / 2$	-481.13
F-16	R1	$(-15.32-23.77) \times (73.01+72.31) / 2$	613.98
249.85		$(-6.19-15.32) \times (74.00+73.01) / 2$	671.10
		$(2.50-6.19) \times (74.87+74.00) / 2$	646.84
		$(1.40-2.50) \times (80.97+80.97) / 2$	-89.07
		$(1.88-1.40) \times (80.49+80.97) / 2$	38.75
		$(1.00-1.88) \times (80.47+80.49) / 2$	-70.82
		$(-5.50-1.00) \times (80.31+80.47) / 2$	-522.53
		$(-6.42-5.50) \times (80.28+80.31) / 2$	-73.87
		$(-5.90-6.42) \times (80.80+80.28) / 2$	41.88
		$(-6.91-5.90) \times (80.80+80.80) / 2$	-81.61
		$(-15.66-6.91) \times (75.80+80.80) / 2$	-685.13
		$(-17.66-15.66) \times (75.80+75.80) / 2$	-151.60
		$(-23.77-17.66) \times (72.31+75.80) / 2$	-452.48
F-17	R1	$(-8.66-21.07) \times (74.00+73.78) / 2$	916.97
274.96		$(-2.69-8.66) \times (74.39+74.00) / 2$	442.94
		$(-2.10-2.69) \times (75.01+74.39) / 2$	44.07
		$(-1.58-2.10) \times (75.86+75.01) / 2$	39.23
		$(1.62-1.58) \times (76.01+75.86) / 2$	242.99
		$(2.50-1.62) \times (76.07+76.01) / 2$	66.92
		$(1.40-2.50) \times (80.90+80.90) / 2$	-88.99
		$(1.88-1.40) \times (80.42+80.90) / 2$	38.72
		$(1.00-1.88) \times (80.39+80.42) / 2$	-70.76
		$(-5.50-1.00) \times (80.23+80.39) / 2$	-522.01
		$(-6.42-5.50) \times (80.21+80.23) / 2$	-73.80
		$(-5.90-6.42) \times (80.73+80.21) / 2$	41.84
		$(-6.91-5.90) \times (80.73+80.73) / 2$	-81.54
		A RIPORTARE mq	996.58

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				996.58		
			$(-15.66-6.91) \times (75.73+80.73) / 2$	-684.51		
			$(-17.66-15.66) \times (75.73+75.73) / 2$	-151.46		
			$(-21.07-17.66) \times (73.78+75.73) / 2$	-254.91		
F-18	R1		$(-5.55-19.79) \times (75.01+74.42) / 2$	1063.94	94.30	
303.87			$(-1.45-5.55) \times (75.25+75.01) / 2$	308.03		
			$(-0.98-1.45) \times (76.01+75.25) / 2$	35.55		
			$(-0.75-0.98) \times (76.65+76.01) / 2$	17.56		
			$(2.50-0.75) \times (76.73+76.65) / 2$	249.24		
			$(1.40-2.50) \times (80.81+80.81) / 2$	-88.89		
			$(1.88-1.40) \times (80.33+80.81) / 2$	38.67		
			$(1.00-1.88) \times (80.31+80.33) / 2$	-70.68		
			$(-5.50-1.00) \times (80.14+80.31) / 2$	-521.46		
			$(-6.42-5.50) \times (80.12+80.14) / 2$	-73.72		
			$(-5.90-6.42) \times (80.64+80.12) / 2$	41.80		
			$(-6.91-5.90) \times (80.64+80.64) / 2$	-81.45		
			$(-15.66-6.91) \times (75.64+80.64) / 2$	-683.73		
			$(-17.66-15.66) \times (75.64+75.64) / 2$	-151.28		
			$(-19.79-17.66) \times (74.42+75.64) / 2$	-159.81		
F-19	R1		$(-5.55-19.82) \times (75.01+74.60) / 2$	1067.47	76.23	
325.07			$(-0.78-5.55) \times (75.21+75.01) / 2$	358.27		
			$(-0.21-0.78) \times (76.01+75.21) / 2$	43.10		
			$(0.08-0.21) \times (76.30+76.01) / 2$	22.08		
			$(2.50-0.08) \times (76.43+76.30) / 2$	184.80		
			$(1.40-2.50) \times (80.69+80.69) / 2$	-88.76		
			$(1.92-1.40) \times (80.17+80.69) / 2$	41.82		
			$(1.00-1.92) \times (80.20+80.17) / 2$	-73.77		
			$(-5.50-1.00) \times (80.32+80.20) / 2$	-521.69		
			$(-6.38-5.50) \times (80.35+80.32) / 2$	-70.69		
			$(-5.90-6.38) \times (80.83+80.35) / 2$	38.68		
			$(-6.91-5.90) \times (80.83+80.83) / 2$	-81.64		
			$(-15.66-6.91) \times (75.83+80.83) / 2$	-685.39		
			$(-17.66-15.66) \times (75.83+75.83) / 2$	-151.66		
			$(-19.82-17.66) \times (74.60+75.83) / 2$	-162.46		
F-20	R1		$(-18.58-20.60) \times (74.70+74.34) / 2$	150.53	79.84	
350.15			$(-7.57-18.58) \times (75.01+74.70) / 2$	824.15		
			$(0.04-7.57) \times (76.01+75.01) / 2$	574.63		
			$(2.50-0.04) \times (76.18+76.01) / 2$	187.19		
			$(1.40-2.50) \times (80.72+80.72) / 2$	-88.79		
			$(1.94-1.40) \times (80.18+80.72) / 2$	43.44		
			$(1.00-1.94) \times (80.23+80.18) / 2$	-75.39		
			$(-5.50-1.00) \times (80.51+80.23) / 2$	-522.40		
			$(-6.36-5.50) \times (80.56+80.51) / 2$	-69.26		
			$(-5.90-6.36) \times (81.02+80.56) / 2$	37.16		
			$(-6.91-5.90) \times (81.02+81.02) / 2$	-81.83		
			$(-15.66-6.91) \times (76.02+81.02) / 2$	-687.05		
			$(-17.66-15.66) \times (76.02+76.02) / 2$	-152.04		
			$(-20.60-17.66) \times (74.34+76.02) / 2$	-221.03		
A RIPORTARE mq					80.69	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE AREE		Foglio n. 6	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
F-21	R1	$(-6.57-19.06) \times (75.85+75.42) / 2$	944.68		
375.55		$(-6.24-6.57) \times (76.01+75.85) / 2$	25.06		
		$(-5.60-6.24) \times (77.00+76.01) / 2$	48.96		
		$(-5.26-5.60) \times (77.13+77.00) / 2$	26.20		
		$(2.50-5.26) \times (77.25+77.13) / 2$	598.99		
		$(1.40-2.50) \times (81.13+81.13) / 2$	-89.24		
		$(1.91-1.40) \times (80.62+81.13) / 2$	41.25		
		$(1.00-1.91) \times (80.64+80.62) / 2$	-73.37		
		$(-5.50-1.00) \times (80.71+80.64) / 2$	-524.39		
		$(-6.39-5.50) \times (80.73+80.71) / 2$	-71.84		
		$(-5.90-6.39) \times (81.22+80.73) / 2$	39.68		
		$(-6.91-5.90) \times (81.22+81.22) / 2$	-82.03		
		$(-15.66-6.91) \times (76.22+81.22) / 2$	-688.80		
		$(-17.66-15.66) \times (76.22+76.22) / 2$	-152.44		
		$(-19.06-17.66) \times (75.42+76.22) / 2$	-106.15		
				63.44	
F-22	R1	$(-13.57-19.39) \times (75.99+75.72) / 2$	441.48		
401.23		$(-13.20-13.57) \times (76.01+75.99) / 2$	28.12		
		$(-12.78-13.20) \times (77.00+76.01) / 2$	32.13		
		$(-12.54-12.78) \times (77.31+77.00) / 2$	18.52		
		$(0.62-12.54) \times (77.61+77.31) / 2$	1019.37		
		$(1.16-0.62) \times (78.00+77.61) / 2$	42.01		
		$(2.11-1.16) \times (78.94+78.00) / 2$	74.55		
		$(2.50-2.11) \times (78.95+78.94) / 2$	30.79		
		$(1.40-2.50) \times (81.88+81.88) / 2$	-90.07		
		$(1.88-1.40) \times (81.40+81.88) / 2$	39.19		
		$(1.00-1.88) \times (81.38+81.40) / 2$	-71.62		
		$(-5.50-1.00) \times (81.22+81.38) / 2$	-528.45		
		$(-6.42-5.50) \times (81.19+81.22) / 2$	-74.71		
		$(-5.90-6.42) \times (81.71+81.19) / 2$	42.35		
		$(-6.91-5.90) \times (81.71+81.71) / 2$	-82.53		
		$(-15.66-6.91) \times (76.71+81.71) / 2$	-693.09		
		$(-17.66-15.66) \times (76.71+76.71) / 2$	-153.42		
		$(-19.39-17.66) \times (75.72+76.71) / 2$	-131.85		
				57.23	
F-23	R1	$(-18.32-20.68) \times (76.23+76.17) / 2$	179.83		
431.80		$(-17.47-18.32) \times (77.00+76.23) / 2$	65.12		
		$(-17.16-17.47) \times (77.53+77.00) / 2$	23.95		
		$(-8.04-17.16) \times (77.81+77.53) / 2$	708.35		
		$(-7.73-8.04) \times (78.00+77.81) / 2$	24.15		
		$(-6.76-7.73) \times (78.72+78.00) / 2$	76.01		
		$(-4.57-6.76) \times (79.00+78.72) / 2$	172.70		
		$(2.04-4.57) \times (79.31+79.00) / 2$	523.21		
		$(-5.50-2.04) \times (82.40+82.59) / 2$	-622.01		
		$(-6.42-5.50) \times (82.38+82.40) / 2$	-75.80		
		$(-5.90-6.42) \times (82.90+82.38) / 2$	42.97		
		$(-6.91-5.90) \times (82.90+82.90) / 2$	-83.73		
		$(-15.66-6.91) \times (77.90+82.90) / 2$	-703.50		
		$(-17.66-15.66) \times (77.90+77.90) / 2$	-155.80		
		$(-20.68-17.66) \times (76.17+77.90) / 2$	-232.65		
				57.20	
A RIPORTARE mq					

TABULATI MOVIMENTI MATERIA

Codice documento

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Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE AREE		Foglio n. 7	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
F-24	R1	(-17.60—21.06)x(76.82+76.78)/2	265.73		
452.47		(-17.19—17.60)x(77.00+76.82)/2	31.53		
		(-11.40—17.19)x(78.00+77.00)/2	448.73		
		(-9.93—11.40)x(78.04+78.00)/2	114.69		
		(-2.16—9.93)x(79.00+78.04)/2	610.10		
		(-0.38—2.16)x(80.00+79.00)/2	141.51		
		(0.52—0.38)x(80.11+80.00)/2	72.05		
		(-5.50—0.52)x(83.23+83.38)/2	-501.50		
		(-6.42—5.50)x(83.21+83.23)/2	-76.56		
		(-5.90—6.42)x(83.72+83.21)/2	43.40		
		(-6.91—5.90)x(83.72+83.72)/2	-84.56		
		(-15.66—6.91)x(78.72+83.72)/2	-710.67		
		(-17.66—15.66)x(78.72+78.72)/2	-157.44		
		(-21.06—17.66)x(76.78+78.72)/2	-264.35		
				67.34	
F-25	R1	(-12.97—20.17)x(78.00+77.69)/2	560.48		
462.52		(-4.19—12.97)x(78.51+78.00)/2	687.08		
		(-3.56—4.19)x(79.00+78.51)/2	49.62		
		(-3.07—3.56)x(79.88+79.00)/2	38.93		
		(-0.46—3.07)x(80.00+79.88)/2	208.64		
		(-0.00—0.46)x(80.01+80.00)/2	36.80		
		(9.06—0.00)x(80.31+80.01)/2	726.25		
		(10.50—9.06)x(81.00+80.31)/2	116.14		
		(10.57—10.50)x(81.42+81.00)/2	5.68		
		(14.55—10.57)x(81.81+81.42)/2	324.83		
		(6.05—14.55)x(84.34+84.34)/2	-716.89		
		(5.03—6.05)x(84.19+84.19)/2	-85.87		
		(-5.50—5.03)x(83.63+83.89)/2	-881.99		
		(-6.42—5.50)x(83.61+83.63)/2	-76.93		
		(-5.90—6.42)x(84.13+83.61)/2	43.61		
		(-6.91—5.90)x(84.13+84.13)/2	-84.97		
		(-15.66—6.91)x(79.13+84.13)/2	-714.26		
		(-17.66—15.66)x(79.13+79.13)/2	-158.26		
		(-20.17—17.66)x(77.69+79.13)/2	-196.81		
				117.92	
F-26	R1	(-14.38—21.17)x(78.00+77.75)/2	528.77		
478.33		(-10.00—14.38)x(78.19+78.00)/2	342.06		
		(-8.95—10.00)x(79.00+78.19)/2	82.52		
		(-8.04—8.95)x(79.66+79.00)/2	72.19		
		(-5.75—8.04)x(80.00+79.66)/2	182.81		
		(-0.00—5.75)x(80.15+80.00)/2	460.43		
		(4.90—0.00)x(80.28+80.15)/2	393.05		
		(5.76—4.90)x(81.00+80.28)/2	69.35		
		(6.23—5.76)x(82.00+81.00)/2	38.31		
		(6.65—6.23)x(82.09+82.00)/2	34.46		
		(11.24—6.65)x(82.18+82.09)/2	377.00		
		(2.02—11.24)x(84.88+84.88)/2	-782.59		
		(1.00—2.02)x(84.73+84.73)/2	-86.42		
		(-5.50—1.00)x(84.26+84.43)/2	-548.24		
		(-6.42—5.50)x(84.24+84.26)/2	-77.51		
		(-5.90—6.42)x(84.76+84.24)/2	43.94		
A RIPORTARE mq			1130.13		

TABULATI MOVIMENTI MATERIA

Codice documento

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Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				1130.13		
			$(-6.91-5.90) \times (84.76+84.76) / 2$	-85.61		
			$(-15.66-6.91) \times (79.76+84.76) / 2$	-719.78		
			$(-17.66-15.66) \times (79.76+79.76) / 2$	-159.52		
			$(-21.17-17.66) \times (77.75+79.76) / 2$	-276.43		
F-27	R1		$(-18.70-22.39) \times (78.18+78.02) / 2$	288.19	111.21	
502.52			$(-17.64-18.70) \times (79.00+78.18) / 2$	83.31		
			$(-16.96-17.64) \times (79.97+79.00) / 2$	54.05		
			$(-13.89-16.96) \times (80.00+79.97) / 2$	245.55		
			$(-2.02-13.89) \times (80.15+80.00) / 2$	950.49		
			$(-0.93-2.02) \times (81.00+80.15) / 2$	87.83		
			$(-0.32-0.93) \times (82.00+81.00) / 2$	49.72		
			$(-0.00-0.32) \times (82.07+82.00) / 2$	26.25		
			$(0.24-0.00) \times (82.12+82.07) / 2$	19.70		
			$(6.29-0.24) \times (82.33+82.12) / 2$	497.46		
			$(2.02-6.29) \times (85.84+85.84) / 2$	-366.54		
			$(1.00-2.02) \times (85.69+85.69) / 2$	-87.40		
			$(-5.50-1.00) \times (85.23+85.39) / 2$	-554.51		
			$(-6.42-5.50) \times (85.20+85.23) / 2$	-78.40		
			$(-5.90-6.42) \times (85.72+85.20) / 2$	44.44		
			$(-6.91-5.90) \times (85.72+85.72) / 2$	-86.58		
			$(-15.66-6.91) \times (80.72+85.72) / 2$	-728.17		
			$(-17.66-15.66) \times (80.72+80.72) / 2$	-161.44		
			$(-22.39-17.66) \times (78.02+80.72) / 2$	-375.42		
F-28	R1		$(-11.05-20.41) \times (80.16+80.04) / 2$	749.74	91.47	
529.69			$(-10.27-11.05) \times (81.00+80.16) / 2$	62.85		
			$(-9.44-10.27) \times (82.09+81.00) / 2$	67.68		
			$(-8.04-9.44) \times (82.00+82.09) / 2$	114.86		
			$(0.00-8.04) \times (82.28+82.00) / 2$	660.41		
			$(-5.50-0.00) \times (86.13+86.34) / 2$	-474.29		
			$(-6.43-5.50) \times (86.08+86.13) / 2$	-80.08		
			$(-5.90-6.43) \times (86.62+86.08) / 2$	45.77		
			$(-6.91-5.90) \times (86.62+86.62) / 2$	-87.49		
			$(-15.66-6.91) \times (81.62+86.62) / 2$	-736.05		
			$(-17.66-15.66) \times (81.62+81.62) / 2$	-163.24		
			$(-20.41-17.66) \times (80.04+81.62) / 2$	-222.28		
F-29	R1		$(-14.10-20.24) \times (81.36+81.05) / 2$	498.60	62.12	
561.13			$(-13.60-14.10) \times (82.00+81.36) / 2$	40.84		
			$(-13.31-13.60) \times (82.20+82.00) / 2$	23.81		
			$(-6.93-13.31) \times (83.00+82.20) / 2$	526.99		
			$(0.00-6.93) \times (83.42+83.00) / 2$	576.65		
			$(-5.50-0.00) \times (87.04+87.29) / 2$	-479.41		
			$(-6.45-5.50) \times (86.98+87.04) / 2$	-82.66		
			$(-5.90-6.45) \times (87.52+86.98) / 2$	47.99		
			$(-6.91-5.90) \times (87.52+87.52) / 2$	-88.40		
			$(-15.66-6.91) \times (82.52+87.52) / 2$	-743.92		
			$(-17.66-15.66) \times (82.52+82.52) / 2$	-165.04		
			$(-20.24-17.66) \times (81.05+82.52) / 2$	-211.01		
A RIPORTARE mq					55.56	

TABULATI MOVIMENTI MATERIA

Codice documento

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Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

CALCOLO DELLE AREE Foglio n. 9

STERRI E RIPORTI

N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
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RIPORTO mq

F-30	R1	$(-19.25-22.32) \times (81.00+80.84) / 2$	248.42		
579.77		$(-16.52-19.25) \times (81.40+81.00) / 2$	221.68		
		$(-15.99-16.52) \times (82.00+81.40) / 2$	43.30		
		$(-15.82-15.99) \times (82.20+82.00) / 2$	13.96		
		$(-8.32-15.82) \times (82.66+82.20) / 2$	618.23		
		$(-8.01-8.32) \times (83.00+82.66) / 2$	25.68		
		$(-7.72-8.01) \times (83.45+83.00) / 2$	24.14		
		$(-1.52-7.72) \times (84.00+83.45) / 2$	519.09		
		$(0.00-1.52) \times (84.20+84.00) / 2$	127.83		
		$(-6.19-0.00) \times (87.62+87.83) / 2$	-543.02		
		$(-7.12-6.19) \times (87.58+87.62) / 2$	-81.47		
		$(-6.59-7.12) \times (88.11+87.58) / 2$	46.56		
		$(-7.60-6.59) \times (88.11+88.11) / 2$	-88.99		
		$(-16.35-7.60) \times (83.11+88.11) / 2$	-749.09		
		$(-18.35-16.35) \times (83.11+83.11) / 2$	-166.22		
		$(-22.32-18.35) \times (80.84+83.11) / 2$	-325.44		
				65.34	

F-31	R1	$(-15.05-23.59) \times (81.00+80.72) / 2$	690.54		
597.31		$(-14.15-15.05) \times (81.09+81.00) / 2$	72.94		
		$(-13.66-14.15) \times (82.00+81.09) / 2$	39.96		
		$(-13.40-13.66) \times (82.42+82.00) / 2$	21.37		
		$(-5.88-13.40) \times (83.00+82.42) / 2$	621.98		
		$(0.00-5.88) \times (83.89+83.00) / 2$	490.66		
		$(-6.25-0.00) \times (88.19+88.34) / 2$	-551.66		
		$(-7.17-6.25) \times (88.16+88.19) / 2$	-81.12		
		$(-6.65-7.17) \times (88.68+88.16) / 2$	45.98		
		$(-7.66-6.65) \times (88.68+88.68) / 2$	-89.57		
		$(-16.41-7.66) \times (83.68+88.68) / 2$	-754.08		
		$(-18.41-16.41) \times (83.68+83.68) / 2$	-167.36		
		$(-23.59-18.41) \times (80.72+83.68) / 2$	-425.80		
				86.16	

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Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A F

COMPUTO STERRI E RIPORTI											Foglio n. 10	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI				
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc			
F-1	R1		37.54	(0.00)								
F-2	R1		52.05	(21.72)	21.72		972.947				972.947	
F-2	R1		52.05	(21.72)								
F-3	R1		52.98	(39.10)	17.38		912.711				912.711	
F-5t	R1		83.34	(78.20)								
F-6	R1		82.03	(82.58)							362.160	
F-6	R1		82.03	(82.58)								
F-7	R1		127.58	(94.14)	11.56		1211.546				1211.546	
F-7	R1		127.58	(94.14)								
F-8	R1		106.97	(105.99)	11.85		1389.709				1389.709	
F-8	R1		106.97	(105.99)								
F-9	R1		87.24	(123.16)	17.17		1667.293				1667.293	
F-9	R1		87.24	(123.16)								
F-10	R1		79.25	(139.19)	16.03		1334.417				1334.417	
F-10	R1		79.25	(139.19)	10.13		810.501					
A RIPORTARE :							810.501				7850.783	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A F

COMPUTO STERRI E RIPORTI											Foglio n. 11	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI				
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc			
						RIPORTO :	0.000	810.501		7850.783		
F-11	R1		80.77	(149.32)							810.501	
F-11	R1		80.77	(149.32)	12.18		1111.973				1111.973	
F-12	R1		101.82	(161.50)							1208.415	
F-12	R1		101.82	(161.50)	13.00		1208.415				1208.415	
F-13	R1		84.09	(174.50)							2258.268	
F-13	R1		84.09	(174.50)	25.11		2258.268				2258.268	
F-14	R1		95.78	(199.61)							2583.090	
F-14	R1		95.78	(199.61)	25.12		2583.090				2583.090	
F-15	R1		109.88	(224.73)							2818.966	
F-15	R1		109.88	(224.73)	25.12		2818.966				2818.966	
F-16	R1		114.56	(249.85)							2622.237	
F-16	R1		114.56	(249.85)	25.11		2622.237				2622.237	
F-17	R1		94.30	(274.96)							2465.011	
F-17	R1		94.30	(274.96)	28.91		2465.011				2465.011	
F-18	R1		76.23	(303.87)							1654.342	
F-18	R1		76.23	(303.87)	21.20		1654.342				1654.342	
F-19	R1		79.84	(325.07)							2013.046	
F-19	R1		79.84	(325.07)	25.08		2013.046				2013.046	
F-20	R1		80.69	(350.15)							25383.586	
						A RIPORTARE :	2013.046			25383.586		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO STERRI E RIPORTI										Foglio n. 12	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :	0.000	2013.046		25383.586	
										2013.046	
F-20	R1		80.69	(350.15)							
F-21	R1		63.44	(375.55)	25.40		1830.451				
										1830.451	
F-21	R1		63.44	(375.55)							
F-22	R1		57.23	(401.23)	25.68		1549.403				
										1549.403	
F-22	R1		57.23	(401.23)							
F-23	R1		57.20	(431.80)	30.57		1749.063				
										1749.063	
F-23	R1		57.20	(431.80)							
F-24	R1		67.34	(452.47)	20.67		1287.121				
										1287.121	
F-24	R1		67.34	(452.47)							
F-25	R1		117.92	(462.52)	10.05		930.932				
										930.932	
F-25	R1		117.92	(462.52)							
F-26	R1		111.21	(478.33)	15.81		1811.273				
										1811.273	
F-26	R1		111.21	(478.33)							
F-27	R1		91.47	(502.52)	24.19		2451.415				
										2451.415	
F-27	R1		91.47	(502.52)							
F-28	R1		62.12	(529.69)	27.17		2086.520				
										2086.520	
F-28	R1		62.12	(529.69)							
F-29	R1		55.56	(561.13)	31.44		1849.930				
						A RIPORTARE :	1849.930		41092.810		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO STERRI E RIPORTI										Foglio n. 13	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO	DISTANZA	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO	RIPORTO	(PROGRESSIVA m)	m	STERRO	RIPORTO	STERRO	RIPORTO		
		mq	mq			mc	mc	mc	mc		
						RIPORTO :	1849.930		41092.810		
										1849.930	
F-29	R1	55.56	(561.13)		18.64		1126.788				
F-30	R1	65.34	(579.77)							1126.788	
F-30	R1	65.34	(579.77)		17.54		1328.655				
F-31	R1	86.16	(597.31)							1328.655	
Il Direttore dei Lavori						L'Impresa	Totale Articoli	0.000	45398.183		
							A dedurre quantita' precedenti:				
							Quantita' da contabilizzare ...				

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE AREE		Foglio n. 14	
VEGETALE IN RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
F-7	C1	$(-12.45-13.80) \times (78.45+78.45) / 2$	105.91		
94.14		$(-7.00-12.45) \times (81.56+78.45) / 2$	436.03		
		$(-5.70-7.00) \times (81.56+81.56) / 2$	106.03		
		$(-5.90-5.70) \times (81.26+81.46) / 2$	-16.27		
		$(-6.92-5.90) \times (81.26+81.26) / 2$	-82.89		
		$(-12.37-6.92) \times (78.15+81.26) / 2$	-434.39		
		$(-13.80-12.37) \times (78.15+78.15) / 2$	-111.75		
				2.67	
F-7	C2	$(1.20-1.40) \times (81.37+81.17) / 2$	-16.25		
94.14		$(2.50-1.20) \times (81.47+81.47) / 2$	105.91		
		$(1.40-2.50) \times (81.17+81.17) / 2$	-89.29		
				0.37	
F-8	C1	$(-14.21-15.56) \times (77.45+77.44) / 2$	104.55		
105.99		$(-7.00-14.21) \times (81.57+77.45) / 2$	573.27		
		$(-5.70-7.00) \times (81.57+81.57) / 2$	106.04		
		$(-5.90-5.70) \times (81.27+81.47) / 2$	-16.27		
		$(-6.92-5.90) \times (81.27+81.27) / 2$	-82.90		
		$(-14.13-6.92) \times (77.15+81.27) / 2$	-571.10		
		$(-15.56-14.13) \times (77.14+77.15) / 2$	-110.32		
				3.27	
F-9	C2	$(-15.03-16.38) \times (76.76+76.76) / 2$	103.63		
123.16		$(-7.00-15.03) \times (81.42+76.76) / 2$	635.09		
		$(-5.70-7.00) \times (81.42+81.42) / 2$	105.85		
		$(-5.90-5.70) \times (81.12+81.32) / 2$	-16.24		
		$(-6.92-5.90) \times (81.12+81.12) / 2$	-82.74		
		$(-14.95-6.92) \times (76.46+81.12) / 2$	-632.68		
		$(-16.38-14.95) \times (76.46+76.46) / 2$	-109.34		
				3.57	
F-9	C1	$(1.20-1.40) \times (81.57+81.37) / 2$	-16.29		
123.16		$(2.50-1.20) \times (81.67+81.67) / 2$	106.17		
		$(1.40-2.50) \times (81.37+81.37) / 2$	-89.51		
				0.37	
F-10	C1	$(-7.26-16.01) \times (80.88+75.88) / 2$	685.83		
139.19		$(-6.19-7.26) \times (80.88+80.88) / 2$	86.54		
		$(-6.04-6.19) \times (81.08+80.88) / 2$	12.15		
		$(-7.34-6.04) \times (81.18+81.18) / 2$	-105.53		
		$(-16.09-7.34) \times (76.18+81.18) / 2$	-688.45		
		$(-17.44-16.09) \times (76.18+76.18) / 2$	-102.84		
		$(-16.01-17.44) \times (75.88+75.88) / 2$	108.51		
				3.79	
F-10	C2	$(1.20-1.40) \times (81.55+81.35) / 2$	-16.29		
139.19		$(2.50-1.20) \times (81.65+81.65) / 2$	106.15		
		$(1.40-2.50) \times (81.35+81.35) / 2$	-89.48		
				0.38	
F-11	C2	$(-7.57-16.32) \times (80.82+75.82) / 2$	685.30		
149.32		$(-6.50-7.57) \times (80.82+80.82) / 2$	86.48		
		$(-6.35-6.50) \times (81.02+80.82) / 2$	12.14		
		$(-7.65-6.35) \times (81.12+81.12) / 2$	-105.46		
		$(-16.40-7.65) \times (76.12+81.12) / 2$	-687.92		
		$(-17.75-16.40) \times (76.12+76.12) / 2$	-102.76		
		$(-16.32-17.75) \times (75.82+75.82) / 2$	108.42		
				3.80	
F-11	C1	$(1.20-1.40) \times (81.53+81.33) / 2$	-16.29		
		A RIPORTARE mq	-16.29		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

CALCOLO DELLE AREE		Foglio n. 15	
VEGETALE IN RILEVATO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	-16.29
149.32		(2.50-1.20)x(81.63+81.63)/2	106.12
		(1.40-2.50)x(81.33+81.33)/2	-89.46
F-12	C1	(-7.05-15.80)x(80.90+75.90)/2	686.00
161.50		(-5.99-7.05)x(80.90+80.90)/2	85.75
		(-5.83-5.99)x(81.10+80.90)/2	12.96
		(-7.13-5.83)x(81.20+81.20)/2	-105.56
		(-15.88-7.13)x(76.20+81.20)/2	-688.63
		(-17.23-15.88)x(76.20+76.20)/2	-102.87
		(-15.80-17.23)x(75.90+75.90)/2	108.54
F-12	C2	(1.20-1.40)x(81.47+81.27)/2	-16.27
161.50		(2.50-1.20)x(81.57+81.57)/2	106.04
		(1.40-2.50)x(81.27+81.27)/2	-89.40
F-13	C1	(-6.92-15.67)x(80.97+75.97)/2	686.61
174.50		(-5.87-6.92)x(80.97+80.97)/2	85.02
		(-5.70-5.87)x(81.17+80.97)/2	13.78
		(-7.00-5.70)x(81.27+81.27)/2	-105.65
		(-15.75-7.00)x(76.27+81.27)/2	-689.24
		(-17.10-15.75)x(76.27+76.27)/2	-102.96
		(-15.67-17.10)x(75.97+75.97)/2	108.64
F-13	C2	(1.20-1.40)x(81.41+81.21)/2	-16.26
174.50		(2.50-1.20)x(81.51+81.51)/2	105.96
		(1.40-2.50)x(81.21+81.21)/2	-89.33
F-14	C1	(-6.92-15.67)x(80.95+75.95)/2	686.44
199.61		(-5.88-6.92)x(80.95+80.95)/2	84.19
		(-5.70-5.88)x(81.15+80.95)/2	14.59
		(-7.00-5.70)x(81.25+81.25)/2	-105.62
		(-15.75-7.00)x(76.25+81.25)/2	-689.06
		(-17.10-15.75)x(76.25+76.25)/2	-102.94
		(-15.67-17.10)x(75.95+75.95)/2	108.61
F-14	C2	(1.20-1.40)x(81.32+81.12)/2	-16.24
199.61		(2.50-1.20)x(81.42+81.42)/2	105.85
		(1.40-2.50)x(81.12+81.12)/2	-89.23
F-15	C1	(1.20-1.40)x(81.25+81.05)/2	-16.23
224.73		(2.50-1.20)x(81.35+81.35)/2	105.76
		(1.40-2.50)x(81.05+81.05)/2	-89.16
F-15	C2	(-17.66-24.16)x(75.88+72.16)/2	481.13
224.73		(-15.66-17.66)x(75.88+75.88)/2	151.76
		(-6.91-15.66)x(80.88+75.88)/2	685.82
		(-5.90-6.91)x(80.88+80.88)/2	81.69
		(-5.70-5.90)x(81.08+80.88)/2	16.20
		(-7.00-5.70)x(81.18+81.18)/2	-105.53
		(-15.75-7.00)x(76.18+81.18)/2	-688.45
		(-17.75-15.75)x(76.18+76.18)/2	-152.36
		A RIPORTARE mq	470.26

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

VEGETALE IN RILEVATO		CALCOLO DELLE AREE		Foglio n.	16
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			470.26		
		$(-24.97-17.75) \times (72.05+76.18) / 2$	-535.11		
		$(-24.16-24.97) \times (72.16+72.05) / 2$	58.41		
F-16	C1	$(1.20-1.40) \times (81.17+80.97) / 2$	-16.21	6.44	
249.85		$(2.50-1.20) \times (81.27+81.27) / 2$	105.65		
		$(1.40-2.50) \times (80.97+80.97) / 2$	-89.07		
F-16	C2	$(-17.66-23.77) \times (75.80+72.31) / 2$	452.48		
249.85		$(-15.66-17.66) \times (75.80+75.80) / 2$	151.60		
		$(-6.91-15.66) \times (80.80+75.80) / 2$	685.13		
		$(-5.90-6.91) \times (80.80+80.80) / 2$	81.61		
		$(-5.70-5.90) \times (81.00+80.80) / 2$	16.18		
		$(-7.00-5.70) \times (81.10+81.10) / 2$	-105.43		
		$(-15.75-7.00) \times (76.10+81.10) / 2$	-687.75		
		$(-17.75-15.75) \times (76.10+76.10) / 2$	-152.20		
		$(-24.49-17.75) \times (72.25+76.10) / 2$	-499.94		
		$(-23.77-24.49) \times (72.31+72.25) / 2$	52.04		
F-17	C1	$(1.20-1.40) \times (81.10+80.90) / 2$	-16.20	6.28	
274.96		$(2.50-1.20) \times (81.20+81.20) / 2$	105.56		
		$(1.40-2.50) \times (80.90+80.90) / 2$	-88.99		
F-17	C2	$(-17.66-21.07) \times (75.73+73.78) / 2$	254.91		
274.96		$(-15.66-17.66) \times (75.73+75.73) / 2$	151.46		
		$(-6.91-15.66) \times (80.73+75.73) / 2$	684.51		
		$(-5.90-6.91) \times (80.73+80.73) / 2$	81.54		
		$(-5.70-5.90) \times (80.93+80.73) / 2$	16.17		
		$(-7.00-5.70) \times (81.03+81.03) / 2$	-105.34		
		$(-15.75-7.00) \times (76.03+81.03) / 2$	-687.14		
		$(-17.75-15.75) \times (76.03+76.03) / 2$	-152.06		
		$(-21.71-17.75) \times (73.77+76.03) / 2$	-296.60		
		$(-21.07-21.71) \times (73.78+73.77) / 2$	47.22		
F-18	C1	$(1.20-1.40) \times (81.01+80.81) / 2$	-16.18	5.33	
303.87		$(2.50-1.20) \times (81.11+81.11) / 2$	105.44		
		$(1.40-2.50) \times (80.81+80.81) / 2$	-88.89		
F-18	C2	$(-17.66-19.79) \times (75.64+74.42) / 2$	159.81		
303.87		$(-15.66-17.66) \times (75.64+75.64) / 2$	151.28		
		$(-6.91-15.66) \times (80.64+75.64) / 2$	683.73		
		$(-5.90-6.91) \times (80.64+80.64) / 2$	81.45		
		$(-5.70-5.90) \times (80.84+80.64) / 2$	16.15		
		$(-7.00-5.70) \times (80.94+80.94) / 2$	-105.22		
		$(-15.75-7.00) \times (75.94+80.94) / 2$	-686.35		
		$(-17.75-15.75) \times (75.94+75.94) / 2$	-151.88		
		$(-20.46-17.75) \times (74.39+75.94) / 2$	-203.70		
		$(-19.79-20.46) \times (74.42+74.39) / 2$	49.85		
F-19	C1	$(1.20-1.40) \times (80.89+80.69) / 2$	-16.16	4.88	
325.07		$(2.50-1.20) \times (80.99+80.99) / 2$	105.29		
		$(1.40-2.50) \times (80.69+80.69) / 2$	-88.76		
A RIPORTARE mq			0.37		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE AREE		Foglio n. 17	
VEGETALE IN RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			0.37		
F-19	C2	(-17.66—19.82)x(75.83+74.60)/2	162.46		0.37
325.07		(-15.66—17.66)x(75.83+75.83)/2	151.66		
		(-6.91—15.66)x(80.83+75.83)/2	685.39		
		(-5.90—6.91)x(80.83+80.83)/2	81.64		
		(-5.70—5.90)x(81.03+80.83)/2	16.19		
		(-7.00—5.70)x(81.13+81.13)/2	-105.47		
		(-15.75—7.00)x(76.13+81.13)/2	-688.01		
		(-17.75—15.75)x(76.13+76.13)/2	-152.26		
		(-20.46—17.75)x(74.58+76.13)/2	-204.21		
		(-19.82—20.46)x(74.60+74.58)/2	47.74		
F-20	C1	(1.20—1.40)x(80.92+80.72)/2	-16.16		4.87
350.15		(2.50—1.20)x(81.02+81.02)/2	105.33		
		(1.40—2.50)x(80.72+80.72)/2	-88.79		
F-20	C2	(-17.66—20.60)x(76.02+74.34)/2	221.03		0.38
350.15		(-15.66—17.66)x(76.02+76.02)/2	152.04		
		(-6.91—15.66)x(81.02+76.02)/2	687.05		
		(-5.90—6.91)x(81.02+81.02)/2	81.83		
		(-5.70—5.90)x(81.22+81.02)/2	16.22		
		(-7.00—5.70)x(81.32+81.32)/2	-105.72		
		(-15.75—7.00)x(76.32+81.32)/2	-689.67		
		(-17.75—15.75)x(76.32+76.32)/2	-152.64		
		(-21.51—17.75)x(74.17+76.32)/2	-282.92		
		(-20.60—21.51)x(74.34+74.17)/2	67.57		
F-21	C1	(1.20—1.40)x(81.33+81.13)/2	-16.25		5.21
375.55		(2.50—1.20)x(81.43+81.43)/2	105.86		
		(1.40—2.50)x(81.13+81.13)/2	-89.24		
F-21	C2	(-17.66—19.06)x(76.22+75.42)/2	106.15		0.37
375.55		(-15.66—17.66)x(76.22+76.22)/2	152.44		
		(-6.91—15.66)x(81.22+76.22)/2	688.80		
		(-5.90—6.91)x(81.22+81.22)/2	82.03		
		(-5.70—5.90)x(81.42+81.22)/2	16.26		
		(-7.00—5.70)x(81.52+81.52)/2	-105.98		
		(-15.75—7.00)x(76.52+81.52)/2	-691.42		
		(-17.75—15.75)x(76.52+76.52)/2	-153.04		
		(-19.71—17.75)x(75.40+76.52)/2	-148.88		
		(-19.06—19.71)x(75.42+75.40)/2	49.02		
F-22	C1	(1.20—1.40)x(82.08+81.88)/2	-16.40		4.62
401.23		(2.50—1.20)x(82.18+82.18)/2	106.83		
		(1.40—2.50)x(81.88+81.88)/2	-90.07		
F-22	C2	(-17.66—19.39)x(76.71+75.72)/2	131.85		0.36
401.23		(-15.66—17.66)x(76.71+76.71)/2	153.42		
		(-6.91—15.66)x(81.71+76.71)/2	693.09		
		(-5.90—6.91)x(81.71+81.71)/2	82.53		
		(-5.70—5.90)x(81.91+81.71)/2	16.36		
A RIPORTARE mq			1077.25		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE AREE		Foglio n. 18	
VEGETALE IN RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			1077.25		
		$(-7.00-5.70) \times (82.01+82.01) / 2$	-106.61		
		$(-15.75-7.00) \times (77.01+82.01) / 2$	-695.71		
		$(-17.75-15.75) \times (77.01+77.01) / 2$	-154.02		
		$(-20.06-17.75) \times (75.69+77.01) / 2$	-176.37		
		$(-19.39-20.06) \times (75.72+75.69) / 2$	50.72		
F-23	C1	$(-17.66-20.68) \times (77.90+76.17) / 2$	232.65	4.74	
431.80		$(-15.66-17.66) \times (77.90+77.90) / 2$	155.80		
		$(-6.91-15.66) \times (82.90+77.90) / 2$	703.50		
		$(-5.90-6.91) \times (82.90+82.90) / 2$	83.73		
		$(-5.70-5.90) \times (83.10+82.90) / 2$	16.60		
		$(-7.00-5.70) \times (83.20+83.20) / 2$	-108.16		
		$(-15.75-7.00) \times (78.20+83.20) / 2$	-706.13		
		$(-17.75-15.75) \times (78.20+78.20) / 2$	-156.40		
		$(-21.33-17.75) \times (76.15+78.20) / 2$	-276.29		
		$(-20.68-21.33) \times (76.17+76.15) / 2$	49.50		
F-24	C1	$(-17.66-21.06) \times (78.72+76.78) / 2$	264.35	5.20	
452.47		$(-15.66-17.66) \times (78.72+78.72) / 2$	157.44		
		$(-6.91-15.66) \times (83.72+78.72) / 2$	710.67		
		$(-5.90-6.91) \times (83.72+83.72) / 2$	84.56		
		$(-5.70-5.90) \times (83.92+83.72) / 2$	16.76		
		$(-7.00-5.70) \times (84.02+84.02) / 2$	-109.23		
		$(-15.75-7.00) \times (79.02+84.02) / 2$	-713.30		
		$(-17.75-15.75) \times (79.02+79.02) / 2$	-158.04		
		$(-21.69-17.75) \times (76.77+79.02) / 2$	-306.91		
		$(-21.06-21.69) \times (76.78+76.77) / 2$	48.37		
F-25	C1	$(14.55-6.05) \times (84.64+84.64) / 2$	719.44	5.33	
462.52		$(6.05-14.55) \times (84.34+84.34) / 2$	-716.89		
F-25	C2	$(-17.66-20.17) \times (79.13+77.69) / 2$	196.81	2.55	
462.52		$(-15.66-17.66) \times (79.13+79.13) / 2$	158.26		
		$(-6.91-15.66) \times (84.13+79.13) / 2$	714.26		
		$(-5.90-6.91) \times (84.13+84.13) / 2$	84.97		
		$(-5.70-5.90) \times (84.33+84.13) / 2$	16.85		
		$(-7.00-5.70) \times (84.43+84.43) / 2$	-109.76		
		$(-15.75-7.00) \times (79.43+84.43) / 2$	-716.89		
		$(-17.75-15.75) \times (79.43+79.43) / 2$	-158.86		
		$(-20.83-17.75) \times (77.66+79.43) / 2$	-241.92		
		$(-20.17-20.83) \times (77.69+77.66) / 2$	51.27		
F-26	C1	$(11.24-2.02) \times (85.18+85.18) / 2$	785.36	5.01	
478.33		$(2.02-11.24) \times (84.88+84.88) / 2$	-782.59		
F-26	C2	$(-17.66-21.17) \times (79.76+77.75) / 2$	276.43	2.77	
478.33		$(-15.66-17.66) \times (79.76+79.76) / 2$	159.52		
		$(-6.91-15.66) \times (84.76+79.76) / 2$	719.78		
		$(-5.90-6.91) \times (84.76+84.76) / 2$	85.61		
		$(-5.70-5.90) \times (84.96+84.76) / 2$	16.97		
		$(-7.00-5.70) \times (85.06+85.06) / 2$	-110.58		
A RIPORTARE mq			1147.73		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

VEGETALE IN RILEVATO		CALCOLO DELLE AREE		Foglio n.	19
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			1147.73		
		$(-15.75-7.00) \times (80.06+85.06) / 2$	-722.40		
		$(-17.75-15.75) \times (80.06+80.06) / 2$	-160.12		
		$(-21.83-17.75) \times (77.73+80.06) / 2$	-321.89		
		$(-21.17-21.83) \times (77.75+77.73) / 2$	51.31		
F-27	C1	$(6.29-2.02) \times (86.14+86.14) / 2$	367.82	5.37	
502.52		$(2.02-6.29) \times (85.84+85.84) / 2$	-366.54		
F-27	C2	$(-17.66-22.39) \times (80.72+78.02) / 2$	375.42	1.28	
502.52		$(-15.66-17.66) \times (80.72+80.72) / 2$	161.44		
		$(-6.91-15.66) \times (85.72+80.72) / 2$	728.17		
		$(-5.90-6.91) \times (85.72+85.72) / 2$	86.58		
		$(-5.70-5.90) \times (85.92+85.72) / 2$	17.16		
		$(-7.00-5.70) \times (86.02+86.02) / 2$	-111.83		
		$(-15.75-7.00) \times (81.02+86.02) / 2$	-730.80		
		$(-17.75-15.75) \times (81.02+81.02) / 2$	-162.04		
		$(-23.05-17.75) \times (77.99+81.02) / 2$	-421.38		
		$(-22.39-23.05) \times (78.02+77.99) / 2$	51.48		
F-28	C1	$(-17.66-20.41) \times (81.62+80.04) / 2$	222.28	5.80	
529.69		$(-15.66-17.66) \times (81.62+81.62) / 2$	163.24		
		$(-6.91-15.66) \times (86.62+81.62) / 2$	736.05		
		$(-5.90-6.91) \times (86.62+86.62) / 2$	87.49		
		$(-5.70-5.90) \times (86.82+86.62) / 2$	17.34		
		$(-7.00-5.70) \times (86.92+86.92) / 2$	-113.00		
		$(-15.75-7.00) \times (81.92+86.92) / 2$	-738.68		
		$(-17.75-15.75) \times (81.92+81.92) / 2$	-163.84		
		$(-21.04-17.75) \times (80.03+81.92) / 2$	-266.41		
		$(-20.41-21.04) \times (80.04+80.03) / 2$	50.42		
F-29	C1	$(-17.66-20.24) \times (82.52+81.05) / 2$	211.01	5.11	
561.13		$(-15.66-17.66) \times (82.52+82.52) / 2$	165.04		
		$(-6.91-15.66) \times (87.52+82.52) / 2$	743.92		
		$(-5.90-6.91) \times (87.52+87.52) / 2$	88.40		
		$(-5.70-5.90) \times (87.72+87.52) / 2$	17.52		
		$(-7.00-5.70) \times (87.82+87.82) / 2$	-114.17		
		$(-15.75-7.00) \times (82.82+87.82) / 2$	-746.55		
		$(-17.75-15.75) \times (82.82+82.82) / 2$	-165.64		
		$(-20.92-17.75) \times (81.01+82.82) / 2$	-259.67		
		$(-20.24-20.92) \times (81.05+81.01) / 2$	55.10		
F-30	C1	$(-18.35-22.32) \times (83.11+80.84) / 2$	325.44	5.04	
579.77		$(-16.35-18.35) \times (83.11+83.11) / 2$	166.22		
		$(-7.60-16.35) \times (88.11+83.11) / 2$	749.09		
		$(-6.59-7.60) \times (88.11+88.11) / 2$	88.99		
		$(-6.39-6.59) \times (88.31+88.11) / 2$	17.64		
		$(-7.69-6.39) \times (88.41+88.41) / 2$	-114.93		
		$(-16.44-7.69) \times (83.41+88.41) / 2$	-751.71		
		$(-18.44-16.44) \times (83.41+83.41) / 2$	-166.82		
		$(-23.00-18.44) \times (80.81+83.41) / 2$	-374.42		
		$(-22.32-23.00) \times (80.84+80.81) / 2$	54.96		
A RIPORTARE mq			5.54		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

CALCOLO DELLE AREE		Foglio n. 20	
VEGETALE IN RILEVATO			
N. SEZIONE PROG.	FIG. ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq
RIPORTO mq		5.54	
F-31	C1	$(-18.41-23.59) \times (83.68+80.72) / 2$	425.80
597.31		$(-16.41-18.41) \times (83.68+83.68) / 2$	167.36
		$(-7.66-16.41) \times (88.68+83.68) / 2$	754.08
		$(-6.65-7.66) \times (88.68+88.68) / 2$	89.57
		$(-6.45-6.65) \times (88.88+88.68) / 2$	17.76
		$(-7.75-6.45) \times (88.98+88.98) / 2$	-115.67
		$(-16.50-7.75) \times (83.98+88.98) / 2$	-756.70
		$(-18.50-16.50) \times (83.98+83.98) / 2$	-167.96
		$(-24.24-18.50) \times (80.70+83.98) / 2$	-472.63
		$(-23.59-24.24) \times (80.72+80.70) / 2$	52.46
			5.54
			5.93
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A F

CALCOLO DELLE AREE Foglio n. 21

GRADONATURA

N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
F-2	D1	$(0.02-3.01) \times (73.12+72.81)/2$	221.08		
21.72		$(-3.01-0.02) \times (72.81+72.81)/2$	-220.61		
F-7	D1	$(-0.37-0.38) \times (73.62+73.28)/2$	0.73	0.47	
94.14		$(1.16-0.37) \times (73.81+73.62)/2$	112.78		
		$(2.03-1.16) \times (74.26+73.81)/2$	64.41		
		$(2.51-2.03) \times (74.28+74.26)/2$	35.65		
		$(-0.38-2.51) \times (73.28+73.28)/2$	-211.78		
F-8	D1	$(-5.62-7.97) \times (72.81+72.36)/2$	170.57	1.79	
105.99		$(-5.02-5.62) \times (73.36+72.81)/2$	43.85		
		$(-7.97-5.02) \times (72.36+72.36)/2$	-213.46		
F-8	D2	$(-4.51-5.02) \times (73.82+73.36)/2$	37.53	0.96	
105.99		$(-3.90-4.51) \times (74.00+73.82)/2$	45.09		
		$(-2.49-3.90) \times (74.36+74.00)/2$	104.59		
		$(-5.02-2.49) \times (73.36+73.36)/2$	-185.60		
F-8	D3	$(-2.25-2.49) \times (74.42+74.36)/2$	17.85	1.61	
105.99		$(-1.66-2.25) \times (74.80+74.42)/2$	44.02		
		$(1.02-1.66) \times (75.02+74.80)/2$	200.76		
		$(-2.49-1.02) \times (74.36+74.36)/2$	-261.00		
				1.63	

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TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 22	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
F-7	a2	$^1((-7.00-5.70)^2+(81.56-81.56)^2)$	1.30		
94.14		$^1((-12.45-7.00)^2+(78.45-81.56)^2)$	6.27		
		$^1((-13.80-12.45)^2+(78.45-78.45)^2)$	1.35		
F-7	a1	$^1((2.50-1.20)^2+(81.47-81.47)^2)$	1.30	8.92	
F-8	a1	$^1((-14.21-15.56)^2+(77.45-77.44)^2)$	1.35	1.30	
105.99		$^1((-7.00-14.21)^2+(81.57-77.45)^2)$	8.30		
		$^1((-5.70-7.00)^2+(81.57-81.57)^2)$	1.30		
F-9	a2	$^1((-7.00-5.70)^2+(81.42-81.42)^2)$	1.30	10.95	
123.16		$^1((-15.03-7.00)^2+(76.76-81.42)^2)$	9.28		
		$^1((-16.38-15.03)^2+(76.76-76.76)^2)$	1.35		
F-9	a1	$^1((2.50-1.20)^2+(81.67-81.67)^2)$	1.30	11.93	
F-10	a1	$^1((-16.09-17.44)^2+(76.18-76.18)^2)$	1.35	1.30	
139.19		$^1((-7.34-16.09)^2+(81.18-76.18)^2)$	10.08		
		$^1((-6.04-7.34)^2+(81.18-81.18)^2)$	1.30		
F-10	a2	$^1((2.50-1.20)^2+(81.65-81.65)^2)$	1.30	12.73	
F-11	a2	$^1((-16.40-17.75)^2+(76.12-76.12)^2)$	1.35	1.30	
149.32		$^1((-7.65-16.40)^2+(81.12-76.12)^2)$	10.08		
		$^1((-6.35-7.65)^2+(81.12-81.12)^2)$	1.30		
F-11	a1	$^1((2.50-1.20)^2+(81.63-81.63)^2)$	1.30	12.73	
F-12	a1	$^1((-15.88-17.23)^2+(76.20-76.20)^2)$	1.35	1.30	
161.50		$^1((-7.13-15.88)^2+(81.20-76.20)^2)$	10.08		
		$^1((-5.83-7.13)^2+(81.20-81.20)^2)$	1.30		
F-12	a2	$^1((2.50-1.20)^2+(81.57-81.57)^2)$	1.30	12.73	
F-13	a1	$^1((-15.75-17.10)^2+(76.27-76.27)^2)$	1.35	1.30	
174.50		$^1((-7.00-15.75)^2+(81.27-76.27)^2)$	10.08		
		$^1((-5.70-7.00)^2+(81.27-81.27)^2)$	1.30		
F-13	a2	$^1((2.50-1.20)^2+(81.51-81.51)^2)$	1.30	12.73	
F-14	a1	$^1((-15.75-17.10)^2+(76.25-76.25)^2)$	1.35	1.30	
199.61		$^1((-7.00-15.75)^2+(81.25-76.25)^2)$	10.08		
		$^1((-5.70-7.00)^2+(81.25-81.25)^2)$	1.30		
F-14	a2	$^1((2.50-1.20)^2+(81.42-81.42)^2)$	1.30	12.73	
F-15	a1	$^1((-17.75-24.97)^2+(76.18-72.05)^2)$	8.32	1.30	
224.73		$^1((-15.75-17.75)^2+(76.18-76.18)^2)$	2.00		
		$^1((-7.00-15.75)^2+(81.18-76.18)^2)$	10.08		
		$^1((-5.70-7.00)^2+(81.18-81.18)^2)$	1.30		
F-15	a2	$^1((2.50-1.20)^2+(81.35-81.35)^2)$	1.30	21.70	
				1.30	
A RIPORTARE ml					

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 23	
SEMINA					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.			ml	ml	
			RIPORTO ml		
F-16	a1	$^1((-7.00-5.70)^2+(81.10-81.10)^2)$	1.30		
249.85		$^1((-15.75-7.00)^2+(76.10-81.10)^2)$	10.08		
		$^1((-17.75-15.75)^2+(76.10-76.10)^2)$	2.00		
		$^1((-24.49-17.75)^2+(72.25-76.10)^2)$	7.76		
F-16	a2	$^1((2.50-1.20)^2+(81.27-81.27)^2)$	1.30		21.14
F-17	a1	$^1((-7.00-5.70)^2+(81.03-81.03)^2)$	1.30		
274.96		$^1((-15.75-7.00)^2+(76.03-81.03)^2)$	10.08		
		$^1((-17.75-15.75)^2+(76.03-76.03)^2)$	2.00		
		$^1((-21.71-17.75)^2+(73.77-76.03)^2)$	4.56		
F-17	a2	$^1((2.50-1.20)^2+(81.20-81.20)^2)$	1.30		17.94
F-18	a1	$^1((-7.00-5.70)^2+(80.94-80.94)^2)$	1.30		
303.87		$^1((-15.75-7.00)^2+(75.94-80.94)^2)$	10.08		
		$^1((-17.75-15.75)^2+(75.94-75.94)^2)$	2.00		
		$^1((-20.46-17.75)^2+(74.39-75.94)^2)$	3.12		
F-18	a2	$^1((2.50-1.20)^2+(81.11-81.11)^2)$	1.30		16.50
F-19	a1	$^1((-7.00-5.70)^2+(81.13-81.13)^2)$	1.30		
325.07		$^1((-15.75-7.00)^2+(76.13-81.13)^2)$	10.08		
		$^1((-17.75-15.75)^2+(76.13-76.13)^2)$	2.00		
		$^1((-20.46-17.75)^2+(74.58-76.13)^2)$	3.12		
F-19	a2	$^1((2.50-1.20)^2+(80.99-80.99)^2)$	1.30		16.50
F-20	a1	$^1((-7.00-5.70)^2+(81.32-81.32)^2)$	1.30		
350.15		$^1((-15.75-7.00)^2+(76.32-81.32)^2)$	10.08		
		$^1((-17.75-15.75)^2+(76.32-76.32)^2)$	2.00		
		$^1((-21.51-17.75)^2+(74.17-76.32)^2)$	4.33		
F-20	a2	$^1((2.50-1.20)^2+(81.02-81.02)^2)$	1.30		17.71
F-21	a1	$^1((-7.00-5.70)^2+(81.52-81.52)^2)$	1.30		
375.55		$^1((-15.75-7.00)^2+(76.52-81.52)^2)$	10.08		
		$^1((-17.75-15.75)^2+(76.52-76.52)^2)$	2.00		
		$^1((-19.71-17.75)^2+(75.40-76.52)^2)$	2.26		
F-21	a2	$^1((2.50-1.20)^2+(81.43-81.43)^2)$	1.30		15.64
F-22	a1	$^1((-7.00-5.70)^2+(82.01-82.01)^2)$	1.30		
401.23		$^1((-15.75-7.00)^2+(77.01-82.01)^2)$	10.08		
		$^1((-17.75-15.75)^2+(77.01-77.01)^2)$	2.00		
		$^1((-20.06-17.75)^2+(75.69-77.01)^2)$	2.66		
F-22	a2	$^1((2.50-1.20)^2+(82.18-82.18)^2)$	1.30		16.04
F-23	a1	$^1((-7.00-5.70)^2+(83.20-83.20)^2)$	1.30		
431.80		$^1((-15.75-7.00)^2+(78.20-83.20)^2)$	10.08		
A RIPORTARE ml			11.38		

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

CALCOLO DELLE LUNGHEZZE		Foglio n. 24	
SEMINA			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	11.38
		$^1((-17.75-15.75)^2+(78.20-78.20)^2)$	2.00
		$^1((-21.33-17.75)^2+(76.15-78.20)^2)$	4.13
F-24	a1	$^1((-7.00-5.70)^2+(84.02-84.02)^2)$	1.30
452.47		$^1((-15.75-7.00)^2+(79.02-84.02)^2)$	10.08
		$^1((-17.75-15.75)^2+(79.02-79.02)^2)$	2.00
		$^1((-21.69-17.75)^2+(76.77-79.02)^2)$	4.54
F-25	a1	$^1((-7.00-5.70)^2+(84.43-84.43)^2)$	1.30
462.52		$^1((-15.75-7.00)^2+(79.43-84.43)^2)$	10.08
		$^1((-17.75-15.75)^2+(79.43-79.43)^2)$	2.00
		$^1((-20.83-17.75)^2+(77.66-79.43)^2)$	3.55
F-26	a1	$^1((-7.00-5.70)^2+(85.06-85.06)^2)$	1.30
478.33		$^1((-15.75-7.00)^2+(80.06-85.06)^2)$	10.08
		$^1((-17.75-15.75)^2+(80.06-80.06)^2)$	2.00
		$^1((-21.83-17.75)^2+(77.73-80.06)^2)$	4.70
F-27	a1	$^1((-7.00-5.70)^2+(86.02-86.02)^2)$	1.30
502.52		$^1((-15.75-7.00)^2+(81.02-86.02)^2)$	10.08
		$^1((-17.75-15.75)^2+(81.02-81.02)^2)$	2.00
		$^1((-23.05-17.75)^2+(77.99-81.02)^2)$	6.10
F-28	a1	$^1((-7.00-5.70)^2+(86.92-86.92)^2)$	1.30
529.69		$^1((-15.75-7.00)^2+(81.92-86.92)^2)$	10.08
		$^1((-17.75-15.75)^2+(81.92-81.92)^2)$	2.00
		$^1((-21.04-17.75)^2+(80.03-81.92)^2)$	3.79
F-29	a1	$^1((-7.00-5.70)^2+(87.82-87.82)^2)$	1.30
561.13		$^1((-15.75-7.00)^2+(82.82-87.82)^2)$	10.08
		$^1((-17.75-15.75)^2+(82.82-82.82)^2)$	2.00
		$^1((-20.92-17.75)^2+(81.01-82.82)^2)$	3.65
F-30	a1	$^1((-7.69-6.39)^2+(88.41-88.41)^2)$	1.30
579.77		$^1((-16.44-7.69)^2+(83.41-88.41)^2)$	10.08
		$^1((-18.44-16.44)^2+(83.41-83.41)^2)$	2.00
		$^1((-23.00-18.44)^2+(80.81-83.41)^2)$	5.25
F-31	a1	$^1((-7.75-6.45)^2+(88.98-88.98)^2)$	1.30
597.31		$^1((-16.50-7.75)^2+(83.98-88.98)^2)$	10.08
		$^1((-18.50-16.50)^2+(83.98-83.98)^2)$	2.00
		$^1((-24.24-18.50)^2+(80.70-83.98)^2)$	6.61
			19.99
Il Direttore dei Lavori		L'Impresa	

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

CALCOLO DELLE LUNGHEZZE					Foglio n. 25	
SEMINA						
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE	
F-25	b1	$^1((14.55-6.05)^2+(84.64-84.64)^2)$	8.50			
F-26	b1	$^1((11.24-2.02)^2+(85.18-85.18)^2)$	9.22	8.50		
F-27	b1	$^1((2.91-2.02)^2+(86.14-86.14)^2)$	0.89	9.22		
				0.89		

Il Direttore dei Lavori	L'Impresa
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TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 26	
SCOTICO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
F-1	c1	$^1((0.00-6.20)^2+(74.11-73.91)^2)$	6.20		
F-2	c1	$^1((-3.06-6.95)^2+(72.10-72.08)^2)$	3.89	6.20	
F-5t 78.20	c1	$^1((-5.78-6.00)^2+(68.80-68.82)^2)$ $^1((1.20-5.78)^2+(68.80-68.80)^2)$	0.22 6.98	3.89	
F-6 82.58	c1	$^1((-3.36-6.50)^2+(71.39-71.32)^2)$ $^1((-0.22-3.36)^2+(70.80-71.39)^2)$ $^1((1.20-0.22)^2+(70.80-70.80)^2)$	3.14 3.19 1.42	7.20	
F-7	c1	$^1((-0.59-14.45)^2+(71.76-71.79)^2)$	13.86	7.75	
F-8	c1	$^1((-8.01-16.21)^2+(72.35-72.11)^2)$	8.20	13.86	
F-9 123.16	c1	$^1((-12.01-15.96)^2+(74.09-73.80)^2)$ $^1((-5.40-12.01)^2+(74.31-74.09)^2)$ $^1((-4.50-5.40)^2+(74.80-74.31)^2)$ $^1((-3.85-4.50)^2+(75.81-74.80)^2)$ $^1((-3.48-3.85)^2+(76.00-75.81)^2)$ $^1((2.50-3.48)^2+(76.09-76.00)^2)$	3.96 6.61 1.02 1.20 0.42 5.98	8.20	
F-10 139.19	c1	$^1((-16.60-18.09)^2+(74.22-74.07)^2)$ $^1((-7.46-16.60)^2+(74.39-74.22)^2)$ $^1((-6.85-7.46)^2+(74.81-74.39)^2)$ $^1((-5.77-6.85)^2+(75.81-74.81)^2)$ $^1((-5.44-5.77)^2+(76.13-75.81)^2)$ $^1((2.50-5.44)^2+(76.37-76.13)^2)$	1.50 9.14 0.74 1.47 0.46 7.94	19.19	
F-11 149.32	c1	$^1((-9.02-18.40)^2+(74.36-73.89)^2)$ $^1((-8.18-9.02)^2+(74.81-74.36)^2)$ $^1((-6.99-8.18)^2+(75.81-74.81)^2)$ $^1((-6.59-6.99)^2+(75.75-75.81)^2)$ $^1((2.50-6.59)^2+(76.36-75.75)^2)$	9.39 0.95 1.55 0.40 9.11	21.25	
F-12 161.50	c1	$^1((-9.05-17.88)^2+(73.84-73.03)^2)$	8.87	21.40	
F-12 161.50	c2	$^1((-7.73-9.00)^2+(72.99-72.97)^2)$ $^1((-3.19-7.73)^2+(73.41-72.99)^2)$ $^1((-2.57-3.19)^2+(73.80-73.41)^2)$ $^1((-2.16-2.57)^2+(74.81-73.80)^2)$ $^1((0.54-2.16)^2+(75.81-74.81)^2)$ $^1((0.88-0.54)^2+(76.31-75.81)^2)$ $^1((0.96-0.88)^2+(76.36-76.31)^2)$ $^1((1.90-0.96)^2+(76.80-76.36)^2)$ $^1((2.50-1.90)^2+(77.27-76.80)^2)$	1.27 4.56 0.73 1.09 2.88 0.60 0.09 1.04 0.76	8.87	
F-13 174.50	c1	$^1((-14.09-17.75)^2+(73.80-73.04)^2)$ $^1((-5.11-14.09)^2+(74.81-73.80)^2)$ $^1((-4.03-5.11)^2+(75.81-74.81)^2)$ $^1((2.45-4.03)^2+(76.55-75.81)^2)$ $^1((2.50-2.45)^2+(76.56-76.55)^2)$	3.74 9.04 1.47 6.52 0.05	13.02	
A RIPORTARE ml				20.82	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 27	
SCOTICO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml					
F-14	c1	$^1((-8.41-17.75)^2+(73.80-73.09)^2)$	9.37		
199.61		$^1((-7.61-8.41)^2+(73.92-73.80)^2)$	0.81		
		$^1((-6.69-7.61)^2+(74.82-73.92)^2)$	1.29		
		$^1((-4.07-6.69)^2+(74.81-74.82)^2)$	2.62		
		$^1((2.50-4.07)^2+(75.23-74.81)^2)$	6.58		
				20.67	
F-15	c1	$^1((-23.16-24.16)^2+(72.10-71.96)^2)$	1.01		
224.73		$^1((-22.42-23.16)^2+(72.64-72.10)^2)$	0.92		
		$^1((-17.61-22.42)^2+(72.81-72.64)^2)$	4.81		
		$^1((-5.64-17.61)^2+(73.80-72.81)^2)$	12.01		
		$^1((-5.00-5.64)^2+(73.81-73.80)^2)$	0.64		
		$^1((-4.20-5.00)^2+(74.84-73.81)^2)$	1.30		
		$^1((-2.37-4.20)^2+(74.81-74.84)^2)$	1.83		
		$^1((2.50-2.37)^2+(75.08-74.81)^2)$	4.88		
				27.40	
F-16	c1	$^1((-15.32-23.77)^2+(72.81-72.11)^2)$	8.48		
249.85		$^1((-6.19-15.32)^2+(73.80-72.81)^2)$	9.18		
		$^1((2.50-6.19)^2+(74.67-73.80)^2)$	8.73		
				26.39	
F-17	c1	$^1((-8.66-21.07)^2+(73.80-73.58)^2)$	12.41		
274.96		$^1((-2.69-8.66)^2+(74.19-73.80)^2)$	5.98		
		$^1((-2.10-2.69)^2+(74.81-74.19)^2)$	0.86		
		$^1((-1.58-2.10)^2+(75.66-74.81)^2)$	1.00		
		$^1((1.62-1.58)^2+(75.81-75.66)^2)$	3.20		
		$^1((2.50-1.62)^2+(75.87-75.81)^2)$	0.88		
				24.33	
F-18	c1	$^1((-5.55-19.79)^2+(74.81-74.22)^2)$	14.25		
303.87		$^1((-1.45-5.55)^2+(75.05-74.81)^2)$	4.11		
		$^1((-0.98-1.45)^2+(75.81-75.05)^2)$	0.89		
		$^1((-0.75-0.98)^2+(76.45-75.81)^2)$	0.68		
		$^1((2.50-0.75)^2+(76.53-76.45)^2)$	3.25		
				23.18	
F-19	c1	$^1((-5.55-19.82)^2+(74.81-74.40)^2)$	14.28		
325.07		$^1((-0.78-5.55)^2+(75.01-74.81)^2)$	4.77		
		$^1((-0.21-0.78)^2+(75.81-75.01)^2)$	0.98		
		$^1((0.08-0.21)^2+(76.10-75.81)^2)$	0.41		
		$^1((2.50-0.08)^2+(76.23-76.10)^2)$	2.42		
				22.86	
F-20	c1	$^1((-18.58-20.60)^2+(74.50-74.14)^2)$	2.05		
350.15		$^1((-7.57-18.58)^2+(74.81-74.50)^2)$	11.01		
		$^1((0.04-7.57)^2+(75.81-74.81)^2)$	7.68		
		$^1((2.50-0.04)^2+(75.98-75.81)^2)$	2.47		
				23.21	
F-21	c1	$^1((-6.57-19.06)^2+(75.65-75.22)^2)$	12.50		
375.55		$^1((-6.24-6.57)^2+(75.81-75.65)^2)$	0.37		
		$^1((-5.60-6.24)^2+(76.80-75.81)^2)$	1.18		
		$^1((-5.26-5.60)^2+(76.93-76.80)^2)$	0.36		
		$^1((2.50-5.26)^2+(77.05-76.93)^2)$	7.76		
				22.17	
F-22	c1	$^1((-13.57-19.39)^2+(75.79-75.52)^2)$	5.83		
401.23		$^1((-13.20-13.57)^2+(75.81-75.79)^2)$	0.37		
		A RIPORTARE ml	6.20		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
				RIPORTO ml	6.20	
			$^1((-12.78-13.20)^2+(76.80-75.81)^2)$	1.08		
			$^1((-12.54-12.78)^2+(77.11-76.80)^2)$	0.39		
			$^1((0.62-12.54)^2+(77.41-77.11)^2)$	13.16		
			$^1((1.16-0.62)^2+(77.80-77.41)^2)$	0.67		
			$^1((2.11-1.16)^2+(78.74-77.80)^2)$	1.34		
			$^1((2.50-2.11)^2+(78.75-78.74)^2)$	0.39		
F-23	c1		$^1((-18.32-20.68)^2+(76.03-75.97)^2)$	2.36	23.23	
431.80			$^1((-17.47-18.32)^2+(76.80-76.03)^2)$	1.15		
			$^1((-17.16-17.47)^2+(77.33-76.80)^2)$	0.61		
			$^1((-8.04-17.16)^2+(77.61-77.33)^2)$	9.12		
			$^1((-7.73-8.04)^2+(77.80-77.61)^2)$	0.36		
			$^1((-6.76-7.73)^2+(78.52-77.80)^2)$	1.21		
			$^1((-4.57-6.76)^2+(78.80-78.52)^2)$	2.21		
			$^1((2.04-4.57)^2+(79.11-78.80)^2)$	6.62		
F-24	c1		$^1((-17.60-21.06)^2+(76.62-76.58)^2)$	3.46	23.64	
452.47			$^1((-17.19-17.60)^2+(76.80-76.62)^2)$	0.45		
			$^1((-11.40-17.19)^2+(77.80-76.80)^2)$	5.88		
			$^1((-9.93-11.40)^2+(77.84-77.80)^2)$	1.47		
			$^1((-2.16-9.93)^2+(78.80-77.84)^2)$	7.83		
			$^1((-0.38-2.16)^2+(79.80-78.80)^2)$	2.04		
			$^1((0.52-0.38)^2+(79.91-79.80)^2)$	0.91		
F-25	c1		$^1((-12.97-20.17)^2+(77.80-77.49)^2)$	7.21	22.04	
462.52			$^1((-4.19-12.97)^2+(78.31-77.80)^2)$	8.79		
			$^1((-3.56-4.19)^2+(78.80-78.31)^2)$	0.80		
			$^1((-3.07-3.56)^2+(79.68-78.80)^2)$	1.01		
			$^1((-0.46-3.07)^2+(79.80-79.68)^2)$	2.61		
			$^1((-0.00-0.46)^2+(79.81-79.80)^2)$	0.46		
			$^1((9.06-0.00)^2+(80.11-79.81)^2)$	9.06		
			$^1((10.50-9.06)^2+(80.80-80.11)^2)$	1.60		
F-25	c2		$^1((14.55-10.57)^2+(81.61-81.22)^2)$	4.00	31.54	
					4.00	
F-26	c1		$^1((-14.38-21.17)^2+(77.80-77.55)^2)$	6.79		
478.33			$^1((-10.00-14.38)^2+(77.99-77.80)^2)$	4.38		
			$^1((-8.95-10.00)^2+(78.80-77.99)^2)$	1.33		
			$^1((-8.04-8.95)^2+(79.46-78.80)^2)$	1.12		
			$^1((-5.75-8.04)^2+(79.80-79.46)^2)$	2.32		
			$^1((-0.00-5.75)^2+(79.95-79.80)^2)$	5.75		
			$^1((4.90-0.00)^2+(80.08-79.95)^2)$	4.90		
			$^1((5.76-4.90)^2+(80.80-80.08)^2)$	1.12		
			$^1((6.23-5.76)^2+(81.80-80.80)^2)$	1.10		
			$^1((6.65-6.23)^2+(81.89-81.80)^2)$	0.43		
			$^1((11.24-6.65)^2+(81.98-81.89)^2)$	4.59		
F-27	c1		$^1((-18.70-22.39)^2+(77.98-77.82)^2)$	3.69	33.83	
502.52			$^1((-17.64-18.70)^2+(78.80-77.98)^2)$	1.34		
			$^1((-16.96-17.64)^2+(79.77-78.80)^2)$	1.18		
			$^1((-13.89-16.96)^2+(79.80-79.77)^2)$	3.07		
				A RIPORTARE ml	9.28	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml				9.28		
			$\sqrt{(-2.02-13.89)^2+(79.95-79.80)^2}$	11.87		
			$\sqrt{(-0.93-2.02)^2+(80.80-79.95)^2}$	1.38		
			$\sqrt{(-0.32-0.93)^2+(81.80-80.80)^2}$	1.17		
			$\sqrt{(-0.00-0.32)^2+(81.87-81.80)^2}$	0.33		
			$\sqrt{(0.24-0.00)^2+(81.92-81.87)^2}$	0.25		
			$\sqrt{(6.29-0.24)^2+(82.13-81.92)^2}$	6.05		
F-28	c1		$\sqrt{(-11.05-20.41)^2+(79.96-79.84)^2}$	9.36	30.33	
529.69			$\sqrt{(-10.27-11.05)^2+(80.80-79.96)^2}$	1.15		
			$\sqrt{(-9.44-10.27)^2+(81.89-80.80)^2}$	1.37		
			$\sqrt{(-8.04-9.44)^2+(81.80-81.89)^2}$	1.40		
			$\sqrt{(0.00-8.04)^2+(82.08-81.80)^2}$	8.04		
F-29	c1		$\sqrt{(-14.10-20.24)^2+(81.16-80.85)^2}$	6.15	21.32	
561.13			$\sqrt{(-13.60-14.10)^2+(81.80-81.16)^2}$	0.81		
			$\sqrt{(-13.31-13.60)^2+(82.00-81.80)^2}$	0.35		
			$\sqrt{(-6.93-13.31)^2+(82.80-82.00)^2}$	6.43		
			$\sqrt{(0.00-6.93)^2+(83.22-82.80)^2}$	6.94		
F-30	c1		$\sqrt{(-19.25-22.32)^2+(80.80-80.64)^2}$	3.07	20.68	
579.77			$\sqrt{(-16.52-19.25)^2+(81.20-80.80)^2}$	2.76		
			$\sqrt{(-15.99-16.52)^2+(81.80-81.20)^2}$	0.80		
			$\sqrt{(-15.82-15.99)^2+(82.00-81.80)^2}$	0.26		
			$\sqrt{(-8.32-15.82)^2+(82.46-82.00)^2}$	7.51		
			$\sqrt{(-8.01-8.32)^2+(82.80-82.46)^2}$	0.46		
			$\sqrt{(-7.72-8.01)^2+(83.25-82.80)^2}$	0.54		
			$\sqrt{(-1.52-7.72)^2+(83.80-83.25)^2}$	6.22		
			$\sqrt{(0.00-1.52)^2+(84.00-83.80)^2}$	1.53		
F-31	c1		$\sqrt{(-15.05-23.59)^2+(80.80-80.52)^2}$	8.54	23.15	
597.31			$\sqrt{(-14.15-15.05)^2+(80.89-80.80)^2}$	0.90		
			$\sqrt{(-13.66-14.15)^2+(81.80-80.89)^2}$	1.03		
			$\sqrt{(-13.40-13.66)^2+(82.22-81.80)^2}$	0.49		
			$\sqrt{(-5.88-13.40)^2+(82.80-82.22)^2}$	7.54		
			$\sqrt{(0.00-5.88)^2+(83.69-82.80)^2}$	5.95		
					24.45	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
F-2	e1		$^1((0.02-3.01)^2+(73.12-72.81)^2)$	3.05		
					3.05	
F-7	e1		$^1((-0.37-0.39)^2+(73.62-71.95)^2)$	1.67		
94.14			$^1((1.16-0.37)^2+(73.81-73.62)^2)$	1.54		
			$^1((2.03-1.16)^2+(74.26-73.81)^2)$	0.98		
			$^1((2.51-2.03)^2+(74.28-74.26)^2)$	0.48		
					4.67	
F-8	e1		$^1((-5.62-7.97)^2+(72.81-72.36)^2)$	2.39		
105.99			$^1((-4.51-5.62)^2+(73.82-72.81)^2)$	1.50		
			$^1((-3.90-4.51)^2+(74.00-73.82)^2)$	0.64		
			$^1((-2.25-3.90)^2+(74.42-74.00)^2)$	1.70		
			$^1((-1.66-2.25)^2+(74.80-74.42)^2)$	0.70		
			$^1((1.02-1.66)^2+(75.02-74.80)^2)$	2.69		
					9.62	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 31	
BONIFICA RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
F-1	f1	$^1((0.00-6.20)^2+(74.11-73.91)^2)$	6.20		
F-2	f1	$^1((-3.06-6.95)^2+(72.10-72.08)^2)$	3.89	6.20	
F-5t	f1	$^1((-5.78-6.00)^2+(68.80-68.82)^2)$	0.22	3.89	
78.20		$^1((1.20-5.78)^2+(68.80-68.80)^2)$	6.98	7.20	
F-6	f1	$^1((-3.36-6.50)^2+(71.39-71.32)^2)$	3.14		
82.58		$^1((-0.22-3.36)^2+(70.80-71.39)^2)$	3.19		
		$^1((1.20-0.22)^2+(70.80-70.80)^2)$	1.42	7.75	
F-7	f1	$^1((-0.59-14.45)^2+(71.76-71.79)^2)$	13.86		
F-8	f1	$^1((-8.01-16.21)^2+(72.35-72.11)^2)$	8.20	13.86	
F-9	f1	$^1((-12.01-15.96)^2+(74.09-73.80)^2)$	3.96	8.20	
123.16		$^1((-5.40-12.01)^2+(74.31-74.09)^2)$	6.61		
		$^1((-4.50-5.40)^2+(74.80-74.31)^2)$	1.02		
		$^1((-3.85-4.50)^2+(75.81-74.80)^2)$	1.20		
		$^1((-3.48-3.85)^2+(76.00-75.81)^2)$	0.42		
		$^1((2.50-3.48)^2+(76.09-76.00)^2)$	5.98	19.19	
F-10	f1	$^1((-16.60-18.09)^2+(74.22-74.07)^2)$	1.50		
139.19		$^1((-7.46-16.60)^2+(74.39-74.22)^2)$	9.14		
		$^1((-6.85-7.46)^2+(74.81-74.39)^2)$	0.74		
		$^1((-5.77-6.85)^2+(75.81-74.81)^2)$	1.47		
		$^1((-5.44-5.77)^2+(76.13-75.81)^2)$	0.46		
		$^1((2.50-5.44)^2+(76.37-76.13)^2)$	7.94	21.25	
F-11	f1	$^1((-9.02-18.40)^2+(74.36-73.89)^2)$	9.39		
149.32		$^1((-8.18-9.02)^2+(74.81-74.36)^2)$	0.95		
		$^1((-6.99-8.18)^2+(75.81-74.81)^2)$	1.55		
		$^1((-6.59-6.99)^2+(75.75-75.81)^2)$	0.40		
		$^1((2.50-6.59)^2+(76.36-75.75)^2)$	9.11	21.40	
F-12	f1	$^1((-9.05-17.88)^2+(73.84-73.03)^2)$	8.87		
F-12	f2	$^1((-7.73-9.00)^2+(72.99-72.97)^2)$	1.27	8.87	
161.50		$^1((-3.19-7.73)^2+(73.41-72.99)^2)$	4.56		
		$^1((-2.57-3.19)^2+(73.80-73.41)^2)$	0.73		
		$^1((-2.16-2.57)^2+(74.81-73.80)^2)$	1.09		
		$^1((0.54-2.16)^2+(75.81-74.81)^2)$	2.88		
		$^1((0.88-0.54)^2+(76.31-75.81)^2)$	0.60		
		$^1((0.96-0.88)^2+(76.36-76.31)^2)$	0.09		
		$^1((1.90-0.96)^2+(76.80-76.36)^2)$	1.04		
		$^1((2.50-1.90)^2+(77.27-76.80)^2)$	0.76	13.02	
F-13	f1	$^1((-14.09-17.75)^2+(73.80-73.04)^2)$	3.74		
174.50		$^1((-5.11-14.09)^2+(74.81-73.80)^2)$	9.04		
		$^1((-4.03-5.11)^2+(75.81-74.81)^2)$	1.47		
		$^1((2.45-4.03)^2+(76.55-75.81)^2)$	6.52		
		$^1((2.50-2.45)^2+(76.56-76.55)^2)$	0.05	20.82	
A RIPORTARE ml					

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 32	
BONIFICA RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml					
F-14	f1	$^1((-8.41-17.75)^2+(73.80-73.09)^2)$	9.37		
199.61		$^1((-7.61-8.41)^2+(73.92-73.80)^2)$	0.81		
		$^1((-6.69-7.61)^2+(74.82-73.92)^2)$	1.29		
		$^1((-4.07-6.69)^2+(74.81-74.82)^2)$	2.62		
		$^1((2.50-4.07)^2+(75.23-74.81)^2)$	6.58		
				20.67	
F-15	f1	$^1((-23.16-24.16)^2+(72.10-71.96)^2)$	1.01		
224.73		$^1((-22.42-23.16)^2+(72.64-72.10)^2)$	0.92		
		$^1((-17.61-22.42)^2+(72.81-72.64)^2)$	4.81		
		$^1((-5.64-17.61)^2+(73.80-72.81)^2)$	12.01		
		$^1((-5.00-5.64)^2+(73.81-73.80)^2)$	0.64		
		$^1((-4.20-5.00)^2+(74.84-73.81)^2)$	1.30		
		$^1((-2.37-4.20)^2+(74.81-74.84)^2)$	1.83		
		$^1((2.50-2.37)^2+(75.08-74.81)^2)$	4.88		
				27.40	
F-16	f1	$^1((-15.32-23.77)^2+(72.81-72.11)^2)$	8.48		
249.85		$^1((-6.19-15.32)^2+(73.80-72.81)^2)$	9.18		
		$^1((2.50-6.19)^2+(74.67-73.80)^2)$	8.73		
				26.39	
F-17	f1	$^1((-8.66-21.07)^2+(73.80-73.58)^2)$	12.41		
274.96		$^1((-2.69-8.66)^2+(74.19-73.80)^2)$	5.98		
		$^1((-2.10-2.69)^2+(74.81-74.19)^2)$	0.86		
		$^1((-1.58-2.10)^2+(75.66-74.81)^2)$	1.00		
		$^1((1.62-1.58)^2+(75.81-75.66)^2)$	3.20		
		$^1((2.50-1.62)^2+(75.87-75.81)^2)$	0.88		
				24.33	
F-18	f1	$^1((-5.55-19.79)^2+(74.81-74.22)^2)$	14.25		
303.87		$^1((-1.45-5.55)^2+(75.05-74.81)^2)$	4.11		
		$^1((-0.98-1.45)^2+(75.81-75.05)^2)$	0.89		
		$^1((-0.75-0.98)^2+(76.45-75.81)^2)$	0.68		
		$^1((2.50-0.75)^2+(76.53-76.45)^2)$	3.25		
				23.18	
F-19	f1	$^1((-5.55-19.82)^2+(74.81-74.40)^2)$	14.28		
325.07		$^1((-0.78-5.55)^2+(75.01-74.81)^2)$	4.77		
		$^1((-0.21-0.78)^2+(75.81-75.01)^2)$	0.98		
		$^1((0.08-0.21)^2+(76.10-75.81)^2)$	0.41		
		$^1((2.50-0.08)^2+(76.23-76.10)^2)$	2.42		
				22.86	
F-20	f1	$^1((-18.58-20.60)^2+(74.50-74.14)^2)$	2.05		
350.15		$^1((-7.57-18.58)^2+(74.81-74.50)^2)$	11.01		
		$^1((0.04-7.57)^2+(75.81-74.81)^2)$	7.68		
		$^1((2.50-0.04)^2+(75.98-75.81)^2)$	2.47		
				23.21	
F-21	f1	$^1((-6.57-19.06)^2+(75.65-75.22)^2)$	12.50		
375.55		$^1((-6.24-6.57)^2+(75.81-75.65)^2)$	0.37		
		$^1((-5.60-6.24)^2+(76.80-75.81)^2)$	1.18		
		$^1((-5.26-5.60)^2+(76.93-76.80)^2)$	0.36		
		$^1((2.50-5.26)^2+(77.05-76.93)^2)$	7.76		
				22.17	
F-22	f1	$^1((-13.57-19.39)^2+(75.79-75.52)^2)$	5.83		
401.23		$^1((-13.20-13.57)^2+(75.81-75.79)^2)$	0.37		
		A RIPORTARE ml	6.20		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 33	
BONIFICA RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.			ml	ml	
RIPORTO ml			6.20		
		$\sqrt{(-12.78-13.20)^2+(76.80-75.81)^2}$	1.08		
		$\sqrt{(-12.54-12.78)^2+(77.11-76.80)^2}$	0.39		
		$\sqrt{(0.62-12.54)^2+(77.41-77.11)^2}$	13.16		
		$\sqrt{(1.16-0.62)^2+(77.80-77.41)^2}$	0.67		
		$\sqrt{(2.11-1.16)^2+(78.74-77.80)^2}$	1.34		
		$\sqrt{(2.50-2.11)^2+(78.75-78.74)^2}$	0.39		
F-23	f1	$\sqrt{(-18.32-20.68)^2+(76.03-75.97)^2}$	2.36	23.23	
431.80		$\sqrt{(-17.47-18.32)^2+(76.80-76.03)^2}$	1.15		
		$\sqrt{(-17.16-17.47)^2+(77.33-76.80)^2}$	0.61		
		$\sqrt{(-8.04-17.16)^2+(77.61-77.33)^2}$	9.12		
		$\sqrt{(-7.73-8.04)^2+(77.80-77.61)^2}$	0.36		
		$\sqrt{(-6.76-7.73)^2+(78.52-77.80)^2}$	1.21		
		$\sqrt{(-4.57-6.76)^2+(78.80-78.52)^2}$	2.21		
		$\sqrt{(2.04-4.57)^2+(79.11-78.80)^2}$	6.62		
F-24	f1	$\sqrt{(-17.60-21.06)^2+(76.62-76.58)^2}$	3.46	23.64	
452.47		$\sqrt{(-17.19-17.60)^2+(76.80-76.62)^2}$	0.45		
		$\sqrt{(-11.40-17.19)^2+(77.80-76.80)^2}$	5.88		
		$\sqrt{(-9.93-11.40)^2+(77.84-77.80)^2}$	1.47		
		$\sqrt{(-2.16-9.93)^2+(78.80-77.84)^2}$	7.83		
		$\sqrt{(-0.38-2.16)^2+(79.80-78.80)^2}$	2.04		
		$\sqrt{(0.52-0.38)^2+(79.91-79.80)^2}$	0.91		
F-25	f1	$\sqrt{(-12.97-20.17)^2+(77.80-77.49)^2}$	7.21	22.04	
462.52		$\sqrt{(-4.19-12.97)^2+(78.31-77.80)^2}$	8.79		
		$\sqrt{(-3.56-4.19)^2+(78.80-78.31)^2}$	0.80		
		$\sqrt{(-3.07-3.56)^2+(79.68-78.80)^2}$	1.01		
		$\sqrt{(-0.46-3.07)^2+(79.80-79.68)^2}$	2.61		
		$\sqrt{(-0.00-0.46)^2+(79.81-79.80)^2}$	0.46		
		$\sqrt{(9.06-0.00)^2+(80.11-79.81)^2}$	9.06		
		$\sqrt{(10.50-9.06)^2+(80.80-80.11)^2}$	1.60		
F-25	f2	$\sqrt{(14.55-10.57)^2+(81.61-81.22)^2}$	4.00	31.54	
				4.00	
F-26	f1	$\sqrt{(-14.38-21.17)^2+(77.80-77.55)^2}$	6.79		
478.33		$\sqrt{(-10.00-14.38)^2+(77.99-77.80)^2}$	4.38		
		$\sqrt{(-8.95-10.00)^2+(78.80-77.99)^2}$	1.33		
		$\sqrt{(-8.04-8.95)^2+(79.46-78.80)^2}$	1.12		
		$\sqrt{(-5.75-8.04)^2+(79.80-79.46)^2}$	2.32		
		$\sqrt{(-0.00-5.75)^2+(79.95-79.80)^2}$	5.75		
		$\sqrt{(4.90-0.00)^2+(80.08-79.95)^2}$	4.90		
		$\sqrt{(5.76-4.90)^2+(80.80-80.08)^2}$	1.12		
		$\sqrt{(6.23-5.76)^2+(81.80-80.80)^2}$	1.10		
		$\sqrt{(6.65-6.23)^2+(81.89-81.80)^2}$	0.43		
		$\sqrt{(11.24-6.65)^2+(81.98-81.89)^2}$	4.59		
F-27	f1	$\sqrt{(-18.70-22.39)^2+(77.98-77.82)^2}$	3.69	33.83	
502.52		$\sqrt{(-17.64-18.70)^2+(78.80-77.98)^2}$	1.34		
		$\sqrt{(-16.96-17.64)^2+(79.77-78.80)^2}$	1.18		
		$\sqrt{(-13.89-16.96)^2+(79.80-79.77)^2}$	3.07		
A RIPORTARE ml			9.28		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

CALCOLO DELLE LUNGHEZZE		Foglio n. 34	
BONIFICA RILEVATO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	
		$^1((-2.02-13.89)^2+(79.95-79.80)^2)$	11.87
		$^1((-0.93-2.02)^2+(80.80-79.95)^2)$	1.38
		$^1((-0.32-0.93)^2+(81.80-80.80)^2)$	1.17
		$^1((-0.00-0.32)^2+(81.87-81.80)^2)$	0.33
		$^1((0.24-0.00)^2+(81.92-81.87)^2)$	0.25
		$^1((6.29-0.24)^2+(82.13-81.92)^2)$	6.05
F-28	f1	$^1((-11.05-20.41)^2+(79.96-79.84)^2)$	9.36
529.69		$^1((-10.27-11.05)^2+(80.80-79.96)^2)$	1.15
		$^1((-9.44-10.27)^2+(81.89-80.80)^2)$	1.37
		$^1((-8.04-9.44)^2+(81.80-81.89)^2)$	1.40
		$^1((0.00-8.04)^2+(82.08-81.80)^2)$	8.04
			21.32
F-29	f1	$^1((-14.10-20.24)^2+(81.16-80.85)^2)$	6.15
561.13		$^1((-13.60-14.10)^2+(81.80-81.16)^2)$	0.81
		$^1((-13.31-13.60)^2+(82.00-81.80)^2)$	0.35
		$^1((-6.93-13.31)^2+(82.80-82.00)^2)$	6.43
		$^1((0.00-6.93)^2+(83.22-82.80)^2)$	6.94
			20.68
F-30	f1	$^1((-19.25-22.32)^2+(80.80-80.64)^2)$	3.07
579.77		$^1((-16.52-19.25)^2+(81.20-80.80)^2)$	2.76
		$^1((-15.99-16.52)^2+(81.80-81.20)^2)$	0.80
		$^1((-15.82-15.99)^2+(82.00-81.80)^2)$	0.26
		$^1((-8.32-15.82)^2+(82.46-82.00)^2)$	7.51
		$^1((-8.01-8.32)^2+(82.80-82.46)^2)$	0.46
		$^1((-7.72-8.01)^2+(83.25-82.80)^2)$	0.54
		$^1((-1.52-7.72)^2+(83.80-83.25)^2)$	6.22
		$^1((0.00-1.52)^2+(84.00-83.80)^2)$	1.53
			23.15
F-31	f1	$^1((-15.05-23.59)^2+(80.80-80.52)^2)$	8.54
597.31		$^1((-14.15-15.05)^2+(80.89-80.80)^2)$	0.90
		$^1((-13.66-14.15)^2+(81.80-80.89)^2)$	1.03
		$^1((-13.40-13.66)^2+(82.22-81.80)^2)$	0.49
		$^1((-5.88-13.40)^2+(82.80-82.22)^2)$	7.54
		$^1((0.00-5.88)^2+(83.69-82.80)^2)$	5.95
			24.45
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 35						
USURA						
F-1	g1		$^1((-4.50-4.60)^2+(80.68-80.68)^2)$	0.10		
0.00			$^1((-0.00-4.50)^2+(80.79-80.68)^2)$	4.50		
F-2	g1		$^1((-5.25-5.35)^2+(80.67-80.67)^2)$	0.10	4.60	
21.72			$^1((0.00-5.25)^2+(80.58-80.67)^2)$	5.25		
F-5t	g1		$^1((1.20-5.50)^2+(81.04-81.32)^2)$	6.71	5.35	
F-6	g1		$^1((1.20-5.50)^2+(81.12-81.35)^2)$	6.70	6.71	
F-7	g1		$^1((-5.50-5.60)^2+(81.41-81.41)^2)$	0.10	6.70	
94.14			$^1((1.00-5.50)^2+(81.32-81.41)^2)$	6.50		
			$^1((1.10-1.00)^2+(81.32-81.32)^2)$	0.10		
F-8	g1		$^1((-5.50-5.60)^2+(81.42-81.42)^2)$	0.10	6.70	
105.99			$^1((1.00-5.50)^2+(81.42-81.42)^2)$	6.50		
F-9	g1		$^1((1.00-1.10)^2+(81.51-81.52)^2)$	0.10	6.60	
123.16			$^1((-5.50-1.00)^2+(81.27-81.51)^2)$	6.50		
			$^1((-5.60-5.50)^2+(81.27-81.27)^2)$	0.10		
F-10	g1		$^1((-5.84-5.94)^2+(81.04-81.03)^2)$	0.10	6.70	
139.19			$^1((1.00-5.84)^2+(81.49-81.04)^2)$	6.85		
			$^1((1.10-1.00)^2+(81.50-81.49)^2)$	0.10		
F-11	g1		$^1((-6.15-6.25)^2+(80.99-80.98)^2)$	0.10	7.05	
149.32			$^1((1.00-6.15)^2+(81.46-80.99)^2)$	7.17		
			$^1((1.10-1.00)^2+(81.47-81.46)^2)$	0.10		
F-12	g1		$^1((-5.63-5.73)^2+(81.06-81.05)^2)$	0.10	7.37	
161.50			$^1((1.00-5.63)^2+(81.41-81.06)^2)$	6.64		
			$^1((1.10-1.00)^2+(81.42-81.41)^2)$	0.10		
F-13	g1		$^1((-5.50-5.60)^2+(81.13-81.12)^2)$	0.10	6.84	
174.50			$^1((1.00-5.50)^2+(81.35-81.13)^2)$	6.50		
			$^1((1.10-1.00)^2+(81.36-81.35)^2)$	0.10		
F-14	g1		$^1((-5.50-5.60)^2+(81.11-81.10)^2)$	0.10	6.70	
199.61			$^1((1.00-5.50)^2+(81.27-81.11)^2)$	6.50		
			$^1((1.10-1.00)^2+(81.27-81.27)^2)$	0.10		
F-15	g1		$^1((-5.50-5.60)^2+(81.03-81.03)^2)$	0.10	6.70	
224.73			$^1((1.00-5.50)^2+(81.19-81.03)^2)$	6.50		
			$^1((1.10-1.00)^2+(81.20-81.19)^2)$	0.10		
F-16	g1		$^1((-5.50-5.60)^2+(80.96-80.95)^2)$	0.10	6.70	
249.85			$^1((1.00-5.50)^2+(81.12-80.96)^2)$	6.50		
			$^1((1.10-1.00)^2+(81.12-81.12)^2)$	0.10		
F-17	g1		$^1((-5.50-5.60)^2+(80.88-80.88)^2)$	0.10	6.70	
274.96			$^1((1.00-5.50)^2+(81.04-80.88)^2)$	6.50		
			$^1((1.10-1.00)^2+(81.05-81.04)^2)$	0.10		
A RIPORTARE ml						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 36	
USURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml					
F-18 303.87	g1	$^1((-5.50-5.60)^2+(80.79-80.79)^2)$ $^1((1.00-5.50)^2+(80.96-80.79)^2)$ $^1((1.10-1.00)^2+(80.96-80.96)^2)$	0.10 6.50 0.10		6.70
F-19 325.07	g1	$^1((-5.50-5.60)^2+(80.97-80.98)^2)$ $^1((1.00-5.50)^2+(80.85-80.97)^2)$ $^1((1.10-1.00)^2+(80.85-80.85)^2)$	0.10 6.50 0.10		6.70
F-20 350.15	g1	$^1((-5.50-5.60)^2+(81.16-81.16)^2)$ $^1((1.00-5.50)^2+(80.88-81.16)^2)$ $^1((1.10-1.00)^2+(80.88-80.88)^2)$	0.10 6.51 0.10		6.71
F-21 375.55	g1	$^1((-5.50-5.60)^2+(81.36-81.37)^2)$ $^1((1.00-5.50)^2+(81.29-81.36)^2)$ $^1((1.10-1.00)^2+(81.28-81.29)^2)$	0.10 6.50 0.10		6.70
F-22 401.23	g1	$^1((-5.50-5.60)^2+(81.87-81.86)^2)$ $^1((1.00-5.50)^2+(82.03-81.87)^2)$ $^1((1.10-1.00)^2+(82.03-82.03)^2)$	0.10 6.50 0.10		6.70
F-23 431.80	g1	$^1((-5.50-5.60)^2+(83.05-83.05)^2)$ $^1((2.04-5.50)^2+(83.24-83.05)^2)$	0.10 7.54		7.64
F-24 452.47	g1	$^1((-5.50-5.60)^2+(83.88-83.88)^2)$ $^1((0.52-5.50)^2+(84.03-83.88)^2)$	0.10 6.02		6.12
F-25 462.52	g1	$^1((-5.50-5.60)^2+(84.28-84.28)^2)$ $^1((5.03-5.50)^2+(84.54-84.28)^2)$	0.10 10.53		10.63
F-26 478.33	g1	$^1((-5.50-5.60)^2+(84.91-84.91)^2)$ $^1((1.00-5.50)^2+(85.08-84.91)^2)$	0.10 6.50		6.60
F-27 502.52	g1	$^1((-5.50-5.60)^2+(85.88-85.87)^2)$ $^1((1.00-5.50)^2+(86.04-85.88)^2)$	0.10 6.50		6.60
F-28 529.69	g1	$^1((-5.50-5.60)^2+(86.78-86.77)^2)$ $^1((0.00-5.50)^2+(86.99-86.78)^2)$	0.10 5.50		5.60
F-29 561.13	g1	$^1((-5.50-5.60)^2+(87.69-87.68)^2)$ $^1((0.00-5.50)^2+(87.94-87.69)^2)$	0.10 5.51		5.61
F-30 579.77	g1	$^1((-6.19-6.29)^2+(88.27-88.27)^2)$ $^1((0.00-6.19)^2+(88.48-88.27)^2)$	0.10 6.19		6.29
F-31 597.31	g1	$^1((-6.25-6.35)^2+(88.84-88.83)^2)$ $^1((-0.00-6.25)^2+(88.99-88.84)^2)$	0.10 6.25		6.35
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 37	
BINDER					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
F-1	h1	$^1((-4.50-4.70)^2+(80.63-80.63)^2)$	0.20		
0.00		$^1((-0.00-4.50)^2+(80.74-80.63)^2)$	4.50	4.70	
F-2	h1	$^1((-5.25-5.45)^2+(80.62-80.63)^2)$	0.20		
21.72		$^1((0.00-5.25)^2+(80.53-80.62)^2)$	5.25	5.45	
F-5t	h1	$^1((1.20-5.50)^2+(80.99-81.27)^2)$	6.71	6.71	
F-6	h1	$^1((1.20-5.50)^2+(81.07-81.30)^2)$	6.70	6.70	
F-7	h1	$^1((-5.50-5.70)^2+(81.36-81.36)^2)$	0.20		
94.14		$^1((1.00-5.50)^2+(81.27-81.36)^2)$	6.50	6.90	
		$^1((1.20-1.00)^2+(81.27-81.27)^2)$	0.20		
F-8	h1	$^1((-5.50-5.70)^2+(81.37-81.37)^2)$	0.20		
105.99		$^1((1.00-5.50)^2+(81.37-81.37)^2)$	6.50	6.70	
F-9	h1	$^1((-5.50-5.70)^2+(81.22-81.21)^2)$	0.20		
123.16		$^1((1.00-5.50)^2+(81.46-81.22)^2)$	6.50	6.90	
		$^1((1.20-1.00)^2+(81.47-81.46)^2)$	0.20		
F-10	h1	$^1((-5.84-6.04)^2+(80.99-80.98)^2)$	0.20		
139.19		$^1((1.00-5.84)^2+(81.44-80.99)^2)$	6.85	7.25	
		$^1((1.20-1.00)^2+(81.45-81.44)^2)$	0.20		
F-11	h1	$^1((-6.15-6.35)^2+(80.94-80.92)^2)$	0.20		
149.32		$^1((1.00-6.15)^2+(81.41-80.94)^2)$	7.17	7.57	
		$^1((1.20-1.00)^2+(81.43-81.41)^2)$	0.20		
F-12	h1	$^1((-5.63-5.83)^2+(81.01-81.00)^2)$	0.20		
161.50		$^1((1.00-5.63)^2+(81.36-81.01)^2)$	6.64	7.04	
		$^1((1.20-1.00)^2+(81.37-81.36)^2)$	0.20		
F-13	h1	$^1((-5.50-5.70)^2+(81.08-81.07)^2)$	0.20		
174.50		$^1((1.00-5.50)^2+(81.30-81.08)^2)$	6.50	6.90	
		$^1((1.20-1.00)^2+(81.31-81.30)^2)$	0.20		
F-14	h1	$^1((-5.50-5.70)^2+(81.06-81.05)^2)$	0.20		
199.61		$^1((1.00-5.50)^2+(81.22-81.06)^2)$	6.50	6.90	
		$^1((1.20-1.00)^2+(81.22-81.22)^2)$	0.20		
F-15	h1	$^1((-5.50-5.70)^2+(80.98-80.98)^2)$	0.20		
224.73		$^1((1.00-5.50)^2+(81.14-80.98)^2)$	6.50	6.90	
		$^1((1.20-1.00)^2+(81.15-81.14)^2)$	0.20		
F-16	h1	$^1((-5.50-5.70)^2+(80.91-80.90)^2)$	0.20		
249.85		$^1((1.00-5.50)^2+(81.07-80.91)^2)$	6.50	6.90	
		$^1((1.20-1.00)^2+(81.07-81.07)^2)$	0.20		
F-17	h1	$^1((-5.50-5.70)^2+(80.83-80.83)^2)$	0.20		
274.96		$^1((1.00-5.50)^2+(80.99-80.83)^2)$	6.50	6.90	
		$^1((1.20-1.00)^2+(81.00-80.99)^2)$	0.20		
A RIPORTARE ml					

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 38	
BINDER					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml					
F-18 303.87	h1	$^1((-5.50-5.70)^2+(80.74-80.74)^2)$ $^1((1.00-5.50)^2+(80.91-80.74)^2)$ $^1((1.20-1.00)^2+(80.91-80.91)^2)$	0.20 6.50 0.20		6.90
F-19 325.07	h1	$^1((-5.50-5.70)^2+(80.92-80.93)^2)$ $^1((1.00-5.50)^2+(80.80-80.92)^2)$ $^1((1.20-1.00)^2+(80.79-80.80)^2)$	0.20 6.50 0.20		6.90
F-20 350.15	h1	$^1((-5.50-5.70)^2+(81.11-81.12)^2)$ $^1((1.00-5.50)^2+(80.83-81.11)^2)$ $^1((1.20-1.00)^2+(80.82-80.83)^2)$	0.20 6.51 0.20		6.91
F-21 375.55	h1	$^1((-5.50-5.70)^2+(81.31-81.32)^2)$ $^1((1.00-5.50)^2+(81.24-81.31)^2)$ $^1((1.20-1.00)^2+(81.23-81.24)^2)$	0.20 6.50 0.20		6.90
F-22 401.23	h1	$^1((-5.50-5.70)^2+(81.82-81.81)^2)$ $^1((1.00-5.50)^2+(81.98-81.82)^2)$ $^1((1.20-1.00)^2+(81.98-81.98)^2)$	0.20 6.50 0.20		6.90
F-23 431.80	h1	$^1((-5.50-5.70)^2+(83.00-83.00)^2)$ $^1((2.04-5.50)^2+(83.19-83.00)^2)$	0.20 7.54		7.74
F-24 452.47	h1	$^1((-5.50-5.70)^2+(83.83-83.82)^2)$ $^1((0.52-5.50)^2+(83.98-83.83)^2)$	0.20 6.02		6.22
F-25 462.52	h1	$^1((-5.50-5.70)^2+(84.23-84.23)^2)$ $^1((5.03-5.50)^2+(84.49-84.23)^2)$	0.20 10.53		10.73
F-26 478.33	h1	$^1((-5.50-5.70)^2+(84.86-84.86)^2)$ $^1((1.00-5.50)^2+(85.03-84.86)^2)$	0.20 6.50		6.70
F-27 502.52	h1	$^1((-5.50-5.70)^2+(85.83-85.82)^2)$ $^1((1.00-5.50)^2+(85.99-85.83)^2)$	0.20 6.50		6.70
F-28 529.69	h1	$^1((-5.50-5.70)^2+(86.73-86.72)^2)$ $^1((0.00-5.50)^2+(86.94-86.73)^2)$	0.20 5.50		5.70
F-29 561.13	h1	$^1((-5.50-5.70)^2+(87.64-87.62)^2)$ $^1((0.00-5.50)^2+(87.89-87.64)^2)$	0.20 5.51		5.71
F-30 579.77	h1	$^1((-6.19-6.39)^2+(88.22-88.21)^2)$ $^1((0.00-6.19)^2+(88.43-88.22)^2)$	0.20 6.19		6.39
F-31 597.31	h1	$^1((-6.25-6.45)^2+(88.79-88.78)^2)$ $^1((-0.00-6.25)^2+(88.94-88.79)^2)$	0.20 6.25		6.45
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 39						
BASE						
F-1		i1	$^1((-4.50-4.70)^2+(80.48-80.48)^2)$	0.20		
0.00			$^1((0.00-4.50)^2+(80.59-80.48)^2)$	4.50	4.70	
F-2		i1	$^1((-5.25-5.45)^2+(80.47-80.48)^2)$	0.20		
21.72			$^1((0.00-5.25)^2+(80.38-80.47)^2)$	5.25	5.45	
F-3		i1	$^1((0.00-5.50)^2+(80.37-80.67)^2)$	5.51		
F-5t		i1	$^1((1.20-5.50)^2+(80.84-81.12)^2)$	6.71	5.51	
F-6		i1	$^1((0.99-5.50)^2+(80.93-81.15)^2)$	6.49	6.71	
82.58			$^1((1.20-0.99)^2+(80.92-80.93)^2)$	0.21	6.70	
F-7		i1	$^1((-5.50-5.95)^2+(81.21-81.21)^2)$	0.45		
94.14			$^1((1.00-5.50)^2+(81.12-81.21)^2)$	6.50	7.40	
			$^1((1.45-1.00)^2+(81.12-81.12)^2)$	0.45		
F-8		i1	$^1((-5.50-5.96)^2+(81.22-81.22)^2)$	0.46		
105.99			$^1((1.00-5.50)^2+(81.22-81.22)^2)$	6.50	6.96	
F-9		i1	$^1((-5.50-5.96)^2+(81.07-81.05)^2)$	0.46		
123.16			$^1((1.00-5.50)^2+(81.31-81.07)^2)$	6.50	7.40	
			$^1((1.44-1.00)^2+(81.34-81.31)^2)$	0.44		
F-10		i1	$^1((-5.84-6.24)^2+(80.84-80.81)^2)$	0.40		
139.19			$^1((1.00-5.84)^2+(81.29-80.84)^2)$	6.85	7.68	
			$^1((1.43-1.00)^2+(81.32-81.29)^2)$	0.43		
F-11		i1	$^1((-6.15-6.55)^2+(80.79-80.76)^2)$	0.40		
149.32			$^1((1.00-6.15)^2+(81.26-80.79)^2)$	7.17	8.00	
			$^1((1.43-1.00)^2+(81.29-81.26)^2)$	0.43		
F-12		i1	$^1((-5.63-6.04)^2+(80.86-80.84)^2)$	0.41		
161.50			$^1((1.00-5.63)^2+(81.21-80.86)^2)$	6.64	7.49	
			$^1((1.44-1.00)^2+(81.24-81.21)^2)$	0.44		
F-13		i1	$^1((-5.50-5.92)^2+(80.93-80.91)^2)$	0.42		
174.50			$^1((1.00-5.50)^2+(81.15-80.93)^2)$	6.50	7.36	
			$^1((1.44-1.00)^2+(81.17-81.15)^2)$	0.44		
F-14		i1	$^1((-5.50-5.93)^2+(80.91-80.90)^2)$	0.43		
199.61			$^1((1.00-5.50)^2+(81.07-80.91)^2)$	6.50	7.37	
			$^1((1.44-1.00)^2+(81.08-81.07)^2)$	0.44		
F-15		i1	$^1((-5.50-5.96)^2+(80.83-80.82)^2)$	0.46		
224.73			$^1((1.00-5.50)^2+(80.99-80.83)^2)$	6.50	7.40	
			$^1((1.44-1.00)^2+(81.01-80.99)^2)$	0.44		
F-16		i1	$^1((-5.50-5.96)^2+(80.76-80.74)^2)$	0.46		
249.85			$^1((1.00-5.50)^2+(80.92-80.76)^2)$	6.50	7.40	
			$^1((1.44-1.00)^2+(80.93-80.92)^2)$	0.44		
F-17		i1	$^1((-5.50-5.96)^2+(80.68-80.67)^2)$	0.46		
A RIPORTARE ml				0.46		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

CALCOLO DELLE LUNGHEZZE		Foglio n. 40	
BASE			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	
274.96		$1 \left((1.00-5.50)^2 + (80.84-80.68)^2 \right)$	6.50
		$1 \left((1.44-1.00)^2 + (80.85-80.84)^2 \right)$	0.44
			7.40
F-18	i1	$1 \left((-5.50-5.96)^2 + (80.59-80.58)^2 \right)$	0.46
303.87		$1 \left((1.00-5.50)^2 + (80.76-80.59)^2 \right)$	6.50
		$1 \left((1.44-1.00)^2 + (80.77-80.76)^2 \right)$	0.44
			7.40
F-19	i1	$1 \left((-5.50-5.94)^2 + (80.77-80.79)^2 \right)$	0.44
325.07		$1 \left((1.00-5.50)^2 + (80.65-80.77)^2 \right)$	6.50
		$1 \left((1.46-1.00)^2 + (80.64-80.65)^2 \right)$	0.46
			7.40
F-20	i1	$1 \left((-5.50-5.94)^2 + (80.96-80.98)^2 \right)$	0.44
350.15		$1 \left((1.00-5.50)^2 + (80.68-80.96)^2 \right)$	6.51
		$1 \left((1.46-1.00)^2 + (80.66-80.68)^2 \right)$	0.46
			7.41
F-21	i1	$1 \left((-5.50-5.95)^2 + (81.16-81.17)^2 \right)$	0.45
375.55		$1 \left((1.00-5.50)^2 + (81.09-81.16)^2 \right)$	6.50
		$1 \left((1.45-1.00)^2 + (81.08-81.09)^2 \right)$	0.45
			7.40
F-22	i1	$1 \left((-5.50-5.96)^2 + (81.67-81.65)^2 \right)$	0.46
401.23		$1 \left((1.00-5.50)^2 + (81.83-81.67)^2 \right)$	6.50
		$1 \left((1.44-1.00)^2 + (81.84-81.83)^2 \right)$	0.44
			7.40
F-23	i1	$1 \left((-5.50-5.96)^2 + (82.85-82.84)^2 \right)$	0.46
431.80		$1 \left((2.04-5.50)^2 + (83.04-82.85)^2 \right)$	7.54
			8.00
F-24	i1	$1 \left((-5.50-5.96)^2 + (83.68-83.67)^2 \right)$	0.46
452.47		$1 \left((0.52-5.50)^2 + (83.83-83.68)^2 \right)$	6.02
			6.48
F-25	i1	$1 \left((-5.50-5.96)^2 + (84.08-84.07)^2 \right)$	0.46
462.52		$1 \left((5.03-5.50)^2 + (84.34-84.08)^2 \right)$	10.53
			10.99
F-26	i1	$1 \left((-5.50-5.96)^2 + (84.71-84.70)^2 \right)$	0.46
478.33		$1 \left((1.00-5.50)^2 + (84.88-84.71)^2 \right)$	6.50
			6.96
F-27	i1	$1 \left((-5.50-5.96)^2 + (85.68-85.66)^2 \right)$	0.46
502.52		$1 \left((1.00-5.50)^2 + (85.84-85.68)^2 \right)$	6.50
			6.96
F-28	i1	$1 \left((-5.50-5.96)^2 + (86.58-86.55)^2 \right)$	0.46
529.69		$1 \left((0.00-5.50)^2 + (86.79-86.58)^2 \right)$	5.50
			5.96
F-29	i1	$1 \left((-5.50-5.97)^2 + (87.49-87.46)^2 \right)$	0.47
561.13		$1 \left((0.00-5.50)^2 + (87.74-87.49)^2 \right)$	5.51
			5.98
F-30	i1	$1 \left((-6.19-6.65)^2 + (88.07-88.05)^2 \right)$	0.46
579.77		$1 \left((0.00-6.19)^2 + (88.28-88.07)^2 \right)$	6.19
			6.65
F-31	i1	$1 \left((-6.25-6.71)^2 + (88.64-88.62)^2 \right)$	0.46
597.31		$1 \left((-0.00-6.25)^2 + (88.79-88.64)^2 \right)$	6.25
			6.71
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 41	
FONDAZIONE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
F-1	ml	$^1((-4.50-4.70)^2+(80.03-80.03)^2)$	0.20		
0.00		$^1((0.00-4.50)^2+(80.14-80.03)^2)$	4.50	4.70	
F-2	ml	$^1((-5.25-5.45)^2+(80.02-80.03)^2)$	0.20		
21.72		$^1((0.00-5.25)^2+(79.93-80.02)^2)$	5.25	5.45	
F-3	ml	$^1((-0.00-5.50)^2+(79.92-80.22)^2)$	5.51	5.51	
F-5t	ml	$^1((1.20-5.50)^2+(80.39-80.67)^2)$	6.71	6.71	
F-6	ml	$^1((0.98-5.50)^2+(80.48-80.70)^2)$	6.48		
82.58		$^1((1.20-0.98)^2+(80.47-80.48)^2)$	0.22	6.70	
F-7	ml	$^1((-5.50-6.40)^2+(80.76-80.76)^2)$	0.90		
94.14		$^1((1.00-5.50)^2+(80.67-80.76)^2)$	6.50		
		$^1((1.90-1.00)^2+(80.67-80.67)^2)$	0.90	8.30	
F-8	ml	$^1((-5.50-6.42)^2+(80.77-80.75)^2)$	0.92		
105.99		$^1((1.00-5.50)^2+(80.77-80.77)^2)$	6.50	7.42	
F-9	ml	$^1((-5.50-6.42)^2+(80.62-80.59)^2)$	0.92		
123.16		$^1((1.00-5.50)^2+(80.86-80.62)^2)$	6.50		
		$^1((1.87-1.00)^2+(80.91-80.86)^2)$	0.87	8.29	
F-10	ml	$^1((-5.84-6.60)^2+(80.39-80.34)^2)$	0.76		
139.19		$^1((1.00-5.84)^2+(80.84-80.39)^2)$	6.85		
		$^1((1.86-1.00)^2+(80.90-80.84)^2)$	0.86	8.47	
F-11	ml	$^1((-6.15-6.91)^2+(80.34-80.29)^2)$	0.76		
149.32		$^1((1.00-6.15)^2+(80.81-80.34)^2)$	7.17		
		$^1((1.85-1.00)^2+(80.87-80.81)^2)$	0.85	8.78	
F-12	ml	$^1((-5.63-6.42)^2+(80.41-80.37)^2)$	0.79		
161.50		$^1((1.00-5.63)^2+(80.76-80.41)^2)$	6.64		
		$^1((1.86-1.00)^2+(80.81-80.76)^2)$	0.86	8.29	
F-13	ml	$^1((-5.50-6.33)^2+(80.48-80.45)^2)$	0.83		
174.50		$^1((1.00-5.50)^2+(80.70-80.48)^2)$	6.50		
		$^1((1.88-1.00)^2+(80.74-80.70)^2)$	0.88	8.21	
F-14	ml	$^1((-5.50-6.35)^2+(80.46-80.44)^2)$	0.85		
199.61		$^1((1.00-5.50)^2+(80.62-80.46)^2)$	6.50		
		$^1((1.88-1.00)^2+(80.64-80.62)^2)$	0.88	8.23	
F-15	ml	$^1((-5.50-6.42)^2+(80.38-80.36)^2)$	0.92		
224.73		$^1((1.00-5.50)^2+(80.54-80.38)^2)$	6.50		
		$^1((1.88-1.00)^2+(80.57-80.54)^2)$	0.88	8.30	
F-16	ml	$^1((-5.50-6.42)^2+(80.31-80.28)^2)$	0.92		
249.85		$^1((1.00-5.50)^2+(80.47-80.31)^2)$	6.50		
		$^1((1.88-1.00)^2+(80.49-80.47)^2)$	0.88	8.30	
F-17	ml	$^1((-5.50-6.42)^2+(80.23-80.21)^2)$	0.92		
A RIPORTARE ml			0.92		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

		CALCOLO DELLE LUNGHEZZE		Foglio n. 42	
FONDAZIONE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			0.92		
274.96		$\sqrt{(1.00-5.50)^2+(80.39-80.23)^2}$	6.50		
		$\sqrt{(1.88-1.00)^2+(80.42-80.39)^2}$	0.88		
F-18	ml	$\sqrt{(-5.50-6.42)^2+(80.14-80.12)^2}$	0.92	8.30	
303.87		$\sqrt{(1.00-5.50)^2+(80.31-80.14)^2}$	6.50		
		$\sqrt{(1.88-1.00)^2+(80.33-80.31)^2}$	0.88	8.30	
F-19	ml	$\sqrt{(-5.50-6.38)^2+(80.32-80.35)^2}$	0.88		
325.07		$\sqrt{(1.00-5.50)^2+(80.20-80.32)^2}$	6.50		
		$\sqrt{(1.92-1.00)^2+(80.17-80.20)^2}$	0.92	8.30	
F-20	ml	$\sqrt{(-5.50-6.36)^2+(80.51-80.56)^2}$	0.86		
350.15		$\sqrt{(1.00-5.50)^2+(80.23-80.51)^2}$	6.51		
		$\sqrt{(1.94-1.00)^2+(80.18-80.23)^2}$	0.94	8.31	
F-21	ml	$\sqrt{(-5.50-6.39)^2+(80.71-80.73)^2}$	0.89		
375.55		$\sqrt{(1.00-5.50)^2+(80.64-80.71)^2}$	6.50	8.30	
		$\sqrt{(1.91-1.00)^2+(80.62-80.64)^2}$	0.91		
F-22	ml	$\sqrt{(-5.50-6.42)^2+(81.22-81.19)^2}$	0.92		
401.23		$\sqrt{(1.00-5.50)^2+(81.38-81.22)^2}$	6.50		
		$\sqrt{(1.88-1.00)^2+(81.40-81.38)^2}$	0.88	8.30	
F-23	ml	$\sqrt{(-5.50-6.42)^2+(82.40-82.38)^2}$	0.92		
431.80		$\sqrt{(2.04-5.50)^2+(82.59-82.40)^2}$	7.54		
				8.46	
F-24	ml	$\sqrt{(-5.50-6.42)^2+(83.23-83.21)^2}$	0.92		
452.47		$\sqrt{(0.52-5.50)^2+(83.38-83.23)^2}$	6.02		
				6.94	
F-25	ml	$\sqrt{(-5.50-6.42)^2+(83.63-83.61)^2}$	0.92		
462.52		$\sqrt{(5.03-5.50)^2+(83.89-83.63)^2}$	10.53		
				11.45	
F-26	ml	$\sqrt{(-5.50-6.42)^2+(84.26-84.24)^2}$	0.92		
478.33		$\sqrt{(1.00-5.50)^2+(84.43-84.26)^2}$	6.50		
				7.42	
F-27	ml	$\sqrt{(-5.50-6.42)^2+(85.23-85.20)^2}$	0.92		
502.52		$\sqrt{(1.00-5.50)^2+(85.39-85.23)^2}$	6.50		
				7.42	
F-28	ml	$\sqrt{(-5.50-6.43)^2+(86.13-86.08)^2}$	0.93		
529.69		$\sqrt{(0.00-5.50)^2+(86.34-86.13)^2}$	5.50		
				6.43	
F-29	ml	$\sqrt{(-5.50-6.45)^2+(87.04-86.98)^2}$	0.95		
561.13		$\sqrt{(0.00-5.50)^2+(87.29-87.04)^2}$	5.51		
				6.46	
F-30	ml	$\sqrt{(-6.19-7.12)^2+(87.62-87.58)^2}$	0.93		
579.77		$\sqrt{(0.00-6.19)^2+(87.83-87.62)^2}$	6.19		
				7.12	
F-31	ml	$\sqrt{(-6.25-7.17)^2+(88.19-88.16)^2}$	0.92		
597.31		$\sqrt{(-0.00-6.25)^2+(88.34-88.19)^2}$	6.25		
				7.17	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DEI VOLUMI										Foglio n. 43	
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
F-6 82.58	F-7 94.14	F-7 F-7	C1 C2	2.67 0.37	11.56 11.56	5.78 5.78	15.433 2.139			17.572	
F-7 94.14	F-8 105.99	F-7 F-7 F-8	C1 C2 C1	2.67 0.37 3.27	11.85 11.85 11.85	5.92 5.92 5.92	15.806 2.190 19.358			37.354	
F-8 105.99	F-9 123.16	F-8 F-9 F-9	C1 C2 C1	3.27 3.57 0.37	17.17 17.17 17.17	8.59 8.59 8.59	28.089 30.666 3.178			61.933	
F-9 123.16	F-10 139.19	F-9 F-9 F-10 F-10	C2 C1 C1 C2	3.57 0.37 3.79 0.38	16.03 16.03 16.03 16.03	8.02 8.02 8.02 8.02	28.631 2.967 30.396 3.048			65.042	
F-10 139.19	F-11 149.32	F-10 F-10 F-11 F-11	C1 C2 C2 C1	3.79 0.38 3.80 0.37	10.13 10.13 10.13 10.13	5.06 5.06 5.06 5.06	19.177 1.923 19.228 1.872			42.200	
F-11 149.32	F-12 161.50	F-11 F-11 F-12 F-12	C2 C1 C1 C2	3.80 0.37 3.81 0.37	12.18 12.18 12.18 12.18	6.09 6.09 6.09 6.09	23.142 2.253 23.203 2.253			50.851	
F-12 161.50	F-13 174.50	F-12 F-12 F-13 F-13	C1 C2 C1 C2	3.81 0.37 3.80 0.37	13.00 13.00 13.00 13.00	6.50 6.50 6.50 6.50	24.765 2.405 24.700 2.405			54.275	
F-13 174.50	F-14 199.61	F-13 F-13 F-14 F-14	C1 C2 C1 C2	3.80 0.37 3.79 0.38	25.11 25.11 25.11 25.11	12.56 12.56 12.56 12.56	47.728 4.647 47.602 4.773			104.750	
F-14 199.61	F-15 224.73	F-14 F-14 F-15 F-15	C1 C2 C1 C2	3.79 0.38 0.37 6.44	25.12 25.12 25.12 25.12	12.56 12.56 12.56 12.56	47.602 4.773 4.647 80.886			137.908	
F-15 224.73	F-16 249.85	F-15 F-15 F-16 F-16	C1 C2 C1 C2	0.37 6.44 0.37 6.28	25.12 25.12 25.12 25.12	12.56 12.56 12.56 12.56	4.647 80.886 4.647 78.877			169.057	
F-16 249.85	F-17 274.96	F-16 F-16 F-17 F-17	C1 C2 C1 C2	0.37 6.28 0.37 5.33	25.11 25.11 25.11 25.11	12.55 12.55 12.55 12.55	4.644 78.814 4.644 66.892			154.994	
F-17 274.96	F-18 303.87	F-17 F-17	C1 C2	0.37 5.33	28.91 28.91	14.46 14.46	5.350 77.072				
A RIPORTARE mc							82.422	895.936			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DEI VOLUMI										Foglio n. 44	
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
A RIPORTARE mc							82.422	895.936			
		F-18	C1	0.37	28.91	14.46	5.350				
		F-18	C2	4.88	28.91	14.46	70.565				
F-18	F-19	F-18	C1	0.37	21.20	10.60	3.922		158.337		
303.87	325.07	F-18	C2	4.88	21.20	10.60	51.728				
		F-19	C1	0.37	21.20	10.60	3.922				
		F-19	C2	4.87	21.20	10.60	51.622				
F-19	F-20	F-19	C1	0.37	25.08	12.54	4.640		111.194		
325.07	350.15	F-19	C2	4.87	25.08	12.54	61.070				
		F-20	C1	0.38	25.08	12.54	4.765				
		F-20	C2	5.21	25.08	12.54	65.333				
F-20	F-21	F-20	C1	0.38	25.40	12.70	4.826		135.808		
350.15	375.55	F-20	C2	5.21	25.40	12.70	66.167				
		F-21	C1	0.37	25.40	12.70	4.699				
		F-21	C2	4.62	25.40	12.70	58.674				
F-21	F-22	F-21	C1	0.37	25.68	12.84	4.751		134.366		
375.55	401.23	F-21	C2	4.62	25.68	12.84	59.321				
		F-22	C1	0.36	25.68	12.84	4.622				
		F-22	C2	4.74	25.68	12.84	60.862				
F-22	F-23	F-22	C1	0.36	30.57	15.28	5.501		129.556		
401.23	431.80	F-22	C2	4.74	30.57	15.28	72.427				
		F-23	C1	5.20	30.57	15.28	79.456				
F-23	F-24	F-23	C1	5.20	20.67	10.34	53.768		157.384		
431.80	452.47	F-24	C1	5.33	20.67	10.34	55.112				
F-24	F-25	F-24	C1	5.33	10.05	5.02	26.757		108.880		
452.47	462.52	F-25	C1	2.55	10.05	5.02	12.801				
		F-25	C2	5.01	10.05	5.02	25.150				
F-25	F-26	F-25	C1	2.55	15.81	7.91	20.171		64.708		
462.52	478.33	F-25	C2	5.01	15.81	7.91	39.629				
		F-26	C1	2.77	15.81	7.91	21.911				
		F-26	C2	5.37	15.81	7.91	42.477				
F-26	F-27	F-26	C1	2.77	24.19	12.09	33.489		124.188		
478.33	502.52	F-26	C2	5.37	24.19	12.09	64.923				
		F-27	C1	1.28	24.19	12.09	15.475				
		F-27	C2	5.80	24.19	12.09	70.122				
F-27	F-28	F-27	C1	1.28	27.17	13.59	17.395		184.009		
502.52	529.69	F-27	C2	5.80	27.17	13.59	78.822				
		F-28	C1	5.11	27.17	13.59	69.445				
F-28	F-29	F-28	C1	5.11	31.44	15.72	80.329		165.662		
529.69	561.13	F-29	C1	5.04	31.44	15.72	79.229				
A RIPORTARE mc								159.558			
A RIPORTARE mc								2529.586			

TABULATI MOVIMENTI MATERIA

Code documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DEI VOLUMI										Foglio n. 45	
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
A RIPORTARE mc								2529.586			
F-29 561.13	F-30 579.77	F-29 F-30	C1 C1	5.04 5.54	18.64 18.64	9.32 9.32	46.973 51.633		98.606		
F-30 579.77	F-31 597.31	F-30 F-31	C1 C1	5.54 5.93	17.54 17.54	8.77 8.77	48.586 52.006		100.592		
Il Direttore dei Lavori							L'Impresa	TOTALE ARTICOLO	2728.784		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DEI VOLUMI										Foglio n.	46
GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
F-1	F-2	F-2	01	0.47	21.72	10.86	5.104		5.104		
F-2	F-3	F-2	01	0.47	17.38	8.69	4.084		4.084		
F-6	F-7	F-7	01	1.79	11.56	5.78	10.346		10.346		
F-7	F-8	F-7	01	1.79	11.85	5.92	10.597				
94.14	105.99	F-8	01	0.96	11.85	5.92	5.683				
		F-8	02	1.61	11.85	5.92	9.531				
		F-8	03	1.63	11.85	5.92	9.650				
										35.461	
F-8	F-9	F-8	01	0.96	17.17	8.59	8.246				
105.99	123.16	F-8	02	1.61	17.17	8.59	13.830				
		F-8	03	1.63	17.17	8.59	14.002				
										36.078	
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO		91.073	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A F

COMPUTO DI SUPERFICI											Foglio n.
											47
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
F-6	F-7	F-7	a2	8.92	11.56	5.78	51.56				
82.58	94.14	F-7	a1	1.30	11.56	5.78	7.51			59.07	
F-7	F-8	F-7	a2	8.92	11.85	5.92	52.81				
94.14	105.99	F-7	a1	1.30	11.85	5.92	7.70				
		F-8	a1	10.95	11.85	5.92	64.82			125.33	
F-8	F-9	F-8	a1	10.95	17.17	8.59	94.06				
105.99	123.16	F-9	a2	11.93	17.17	8.59	102.48				
		F-9	a1	1.30	17.17	8.59	11.17				
F-9	F-10	F-9	a2	11.93	16.03	8.02	95.68			207.71	
123.16	139.19	F-9	a1	1.30	16.03	8.02	10.43				
		F-10	a1	12.73	16.03	8.02	102.09				
		F-10	a2	1.30	16.03	8.02	10.43				
F-10	F-11	F-10	a1	12.73	10.13	5.06	64.41			218.63	
139.19	149.32	F-10	a2	1.30	10.13	5.06	6.58				
		F-11	a2	12.73	10.13	5.06	64.41				
		F-11	a1	1.30	10.13	5.06	6.58			141.98	
F-11	F-12	F-11	a2	12.73	12.18	6.09	77.53				
149.32	161.50	F-11	a1	1.30	12.18	6.09	7.92				
		F-12	a1	12.73	12.18	6.09	77.53				
		F-12	a2	1.30	12.18	6.09	7.92				
F-12	F-13	F-12	a1	12.73	13.00	6.50	82.75			170.90	
161.50	174.50	F-12	a2	1.30	13.00	6.50	8.45				
		F-13	a1	12.73	13.00	6.50	82.75				
		F-13	a2	1.30	13.00	6.50	8.45				
F-13	F-14	F-13	a1	12.73	25.11	12.56	159.89			182.40	
174.50	199.61	F-13	a2	1.30	25.11	12.56	16.33				
		F-14	a1	12.73	25.11	12.56	159.89				
		F-14	a2	1.30	25.11	12.56	16.33			352.44	
F-14	F-15	F-14	a1	12.73	25.12	12.56	159.89				
199.61	224.73	F-14	a2	1.30	25.12	12.56	16.33				
		F-15	a1	21.70	25.12	12.56	272.55				
		F-15	a2	1.30	25.12	12.56	16.33			465.10	
F-15	F-16	F-15	a1	21.70	25.12	12.56	272.55				
224.73	249.85	F-15	a2	1.30	25.12	12.56	16.33				
		F-16	a1	21.14	25.12	12.56	265.52				
		F-16	a2	1.30	25.12	12.56	16.33				
F-16	F-17	F-16	a1	21.14	25.11	12.55	265.31			570.73	
249.85	274.96	F-16	a2	1.30	25.11	12.55	16.32				
		F-17	a1	17.94	25.11	12.55	225.15				
		F-17	a2	1.30	25.11	12.55	16.32			523.10	
F-17	F-18	F-17	a1	17.94	28.91	14.46	259.41				
274.96	303.87	F-17	a2	1.30	28.91	14.46	18.80				
A RIPORTARE mq							278.21	3017.39			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n. 48	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		278.21	3017.39	
		F-18	a1	16.50	28.91	14.46	238.59				
		F-18	a2	1.30	28.91	14.46	18.80				
										535.60	
F-18	F-19	F-18	a1	16.50	21.20	10.60	174.90				
303.87	325.07	F-18	a2	1.30	21.20	10.60	13.78				
		F-19	a1	16.50	21.20	10.60	174.90				
		F-19	a2	1.30	21.20	10.60	13.78				
										377.36	
F-19	F-20	F-19	a1	16.50	25.08	12.54	206.91				
325.07	350.15	F-19	a2	1.30	25.08	12.54	16.30				
		F-20	a1	17.71	25.08	12.54	222.08				
		F-20	a2	1.30	25.08	12.54	16.30				
										461.59	
F-20	F-21	F-20	a1	17.71	25.40	12.70	224.92				
350.15	375.55	F-20	a2	1.30	25.40	12.70	16.51				
		F-21	a1	15.64	25.40	12.70	198.63				
		F-21	a2	1.30	25.40	12.70	16.51				
										456.57	
F-21	F-22	F-21	a1	15.64	25.68	12.84	200.82				
375.55	401.23	F-21	a2	1.30	25.68	12.84	16.69				
		F-22	a1	16.04	25.68	12.84	205.95				
		F-22	a2	1.30	25.68	12.84	16.69				
										440.15	
F-22	F-23	F-22	a1	16.04	30.57	15.28	245.09				
401.23	431.80	F-22	a2	1.30	30.57	15.28	19.86				
		F-23	a1	17.51	30.57	15.28	267.55				
										532.50	
F-23	F-24	F-23	a1	17.51	20.67	10.34	181.05				
431.80	452.47	F-24	a1	17.92	20.67	10.34	185.29				
										366.34	
F-24	F-25	F-24	a1	17.92	10.05	5.02	89.96				
452.47	462.52	F-25	a1	16.93	10.05	5.02	84.99				
										174.95	
F-25	F-26	F-25	a1	16.93	15.81	7.91	133.92				
462.52	478.33	F-26	a1	18.08	15.81	7.91	143.01				
										276.93	
F-26	F-27	F-26	a1	18.08	24.19	12.09	218.59				
478.33	502.52	F-27	a1	19.48	24.19	12.09	235.51				
										454.10	
F-27	F-28	F-27	a1	19.48	27.17	13.59	264.73				
502.52	529.69	F-28	a1	17.17	27.17	13.59	233.34				
										498.07	
F-28	F-29	F-28	a1	17.17	31.44	15.72	269.91				
529.69	561.13	F-29	a1	17.03	31.44	15.72	267.71				
										537.62	
F-29	F-30	F-29	a1	17.03	18.64	9.32	158.72				
561.13	579.77	F-30	a1	18.63	18.64	9.32	173.63				
										332.35	
F-30	F-31	F-30	a1	18.63	17.54	8.77	163.39				
579.77	597.31	F-31	a1	19.99	17.54	8.77	175.31				
										338.70	
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				8800.22			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

<i>Rev</i> F0	<i>Data</i> 20/06/2011
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COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n. 49	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
F-24	F-25	F-25	b1	8.50	10.05	5.02	42.67				
F-25	F-26	F-25	b1	8.50	15.81	7.91	67.23		42.67		
462.52	478.33	F-26	b1	9.22	15.81	7.91	72.93				
F-26	F-27	F-26	b1	9.22	24.19	12.09	111.47		140.16		
478.33	502.52	F-27	b1	0.89	24.19	12.09	10.76				
F-27	F-28	F-27	b1	0.89	27.17	13.59	12.10		122.23		
										12.10	
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				317.16			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0	Data 20/06/2011
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COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n.	50
SCOTICO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
F-1	F-2	F-1	c1	6.20	21.72	10.86	67.33				
0.00	21.72	F-2	c1	3.89	21.72	10.86	42.25				
F-2	F-3	F-2	c1	3.89	17.38	8.69	33.80	109.58			
F-5t	F-6	F-5t	c1	7.20	4.38	2.19	15.77	33.80			
78.20	82.58	F-6	c1	7.75	4.38	2.19	16.97				
F-6	F-7	F-6	c1	7.75	11.56	5.78	44.80	32.74			
82.58	94.14	F-7	c1	13.86	11.56	5.78	80.11				
F-7	F-8	F-7	c1	13.86	11.85	5.92	82.05	124.91			
94.14	105.99	F-8	c1	8.20	11.85	5.92	48.54				
F-8	F-9	F-8	c1	8.20	17.17	8.59	70.44	130.59			
105.99	123.16	F-9	c1	19.19	17.17	8.59	164.84				
F-9	F-10	F-9	c1	19.19	16.03	8.02	153.90	235.28			
123.16	139.19	F-10	c1	21.25	16.03	8.02	170.42				
F-10	F-11	F-10	c1	21.25	10.13	5.06	107.52	324.32			
139.19	149.32	F-11	c1	21.40	10.13	5.06	108.28				
F-11	F-12	F-11	c1	21.40	12.18	6.09	130.33	215.80			
149.32	161.50	F-12	c1	8.87	12.18	6.09	54.02				
F-12	F-13	F-12	c2	13.02	12.18	6.09	79.29	263.64			
161.50	174.50	F-12	c1	8.87	13.00	6.50	57.65				
F-12	F-13	F-12	c2	13.02	13.00	6.50	84.63				
174.50	199.61	F-13	c1	20.82	13.00	6.50	135.33	277.61			
F-13	F-14	F-13	c1	20.82	25.11	12.56	261.50				
174.50	199.61	F-14	c1	20.67	25.11	12.56	259.62	521.12			
F-14	F-15	F-14	c1	20.67	25.12	12.56	259.62				
199.61	224.73	F-15	c1	27.40	25.12	12.56	344.14	603.76			
F-15	F-16	F-15	c1	27.40	25.12	12.56	344.14				
224.73	249.85	F-16	c1	26.39	25.12	12.56	331.46	675.60			
F-16	F-17	F-16	c1	26.39	25.11	12.55	331.19				
249.85	274.96	F-17	c1	24.33	25.11	12.55	305.34	636.53			
F-17	F-18	F-17	c1	24.33	28.91	14.46	351.81				
274.96	303.87	F-18	c1	23.18	28.91	14.46	335.18	686.99			
F-18	F-19	F-18	c1	23.18	21.20	10.60	245.71				
303.87	325.07	F-19	c1	22.86	21.20	10.60	242.32	488.03			
F-19	F-20	F-19	c1	22.86	25.08	12.54	286.66				
325.07	350.15	F-20	c1	23.21	25.08	12.54	291.05	577.71			
F-20	F-21	F-20	c1	23.21	25.40	12.70	294.77				
A RIPORTARE mq							294.77	5938.01			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n. 51	
SCOTICO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		294.77	5938.01	
350.15	375.55	F-21	c1	22.17	25.40	12.70	281.56				
F-21	F-22	F-21	c1	22.17	25.68	12.84	284.66		576.33		
375.55	401.23	F-22	c1	23.23	25.68	12.84	298.27				
F-22	F-23	F-22	c1	23.23	30.57	15.28	354.95		582.93		
401.23	431.80	F-23	c1	23.64	30.57	15.28	361.22				
F-23	F-24	F-23	c1	23.64	20.67	10.34	244.44		716.17		
431.80	452.47	F-24	c1	22.04	20.67	10.34	227.89				
F-24	F-25	F-24	c1	22.04	10.05	5.02	110.64		472.33		
452.47	462.52	F-25	c1	31.54	10.05	5.02	158.33				
		F-25	c2	4.00	10.05	5.02	20.08				
F-25	F-26	F-25	c1	31.54	15.81	7.91	249.48		289.05		
462.52	478.33	F-25	c2	4.00	15.81	7.91	31.64				
		F-26	c1	33.83	15.81	7.91	267.60		548.72		
F-26	F-27	F-26	c1	33.83	24.19	12.09	409.00				
478.33	502.52	F-27	c1	30.33	24.19	12.09	366.69		775.69		
F-27	F-28	F-27	c1	30.33	27.17	13.59	412.18				
502.52	529.69	F-28	c1	21.32	27.17	13.59	289.74		701.92		
F-28	F-29	F-28	c1	21.32	31.44	15.72	335.15				
529.69	561.13	F-29	c1	20.68	31.44	15.72	325.09		660.24		
F-29	F-30	F-29	c1	20.68	18.64	9.32	192.74				
561.13	579.77	F-30	c1	23.15	18.64	9.32	215.76		408.50		
F-30	F-31	F-30	c1	23.15	17.54	8.77	203.03				
579.77	597.31	F-31	c1	24.45	17.54	8.77	214.43		417.46		
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO	12087.35		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n. 52	
SCOTICO SU GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
F-1	F-2	F-2	e1	3.05	21.72	10.86	33.12		33.12		
F-2	F-3	F-2	e1	3.05	17.38	8.69	26.50		26.50		
F-6	F-7	F-7	e1	4.67	11.56	5.78	26.99		26.99		
F-7	F-8	F-7	e1	4.67	11.85	5.92	27.65				
94.14	105.99	F-8	e1	9.62	11.85	5.92	56.95		84.60		
F-8	F-9	F-8	e1	9.62	17.17	8.59	82.64		82.64		
Il Direttore dei Lavori										L'Impresa	
								TOTALE ARTICOLO		253.85	

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F										
COMPUTO DI SUPERFICI Foglio n. 53										
BONIFICA RILEVATO										
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq		
F-1	F-2	F-1	f1	6.20	21.72	10.86	67.33			
0.00	21.72	F-2	f1	3.89	21.72	10.86	42.25			
F-2	F-3	F-2	f1	3.89	17.38	8.69	33.80	109.58		
F-5t	F-6	F-5t	f1	7.20	4.38	2.19	15.77	33.80		
78.20	82.58	F-6	f1	7.75	4.38	2.19	16.97			
F-6	F-7	F-6	f1	7.75	11.56	5.78	44.80	32.74		
82.58	94.14	F-7	f1	13.86	11.56	5.78	80.11			
F-7	F-8	F-7	f1	13.86	11.85	5.92	82.05	124.91		
94.14	105.99	F-8	f1	8.20	11.85	5.92	48.54			
F-8	F-9	F-8	f1	8.20	17.17	8.59	70.44	130.59		
105.99	123.16	F-9	f1	19.19	17.17	8.59	164.84			
F-9	F-10	F-9	f1	19.19	16.03	8.02	153.90	235.28		
123.16	139.19	F-10	f1	21.25	16.03	8.02	170.42			
F-10	F-11	F-10	f1	21.25	10.13	5.06	107.52	324.32		
139.19	149.32	F-11	f1	21.40	10.13	5.06	108.28			
F-11	F-12	F-11	f1	21.40	12.18	6.09	130.33	215.80		
149.32	161.50	F-12	f1	8.87	12.18	6.09	54.02			
F-12	F-13	F-12	f1	8.87	13.02	6.09	79.29	263.64		
161.50	174.50	F-12	f2	13.02	13.02	6.50	84.63			
F-12	F-13	F-13	f1	20.82	13.00	6.50	135.33	277.61		
174.50	199.61	F-13	f1	20.82	25.11	12.56	261.50			
F-13	F-14	F-14	f1	20.67	25.11	12.56	259.62	521.12		
199.61	224.73	F-14	f1	20.67	25.12	12.56	259.62			
F-14	F-15	F-15	f1	27.40	25.12	12.56	344.14	603.76		
224.73	249.85	F-15	f1	27.40	25.12	12.56	344.14			
F-15	F-16	F-16	f1	26.39	25.12	12.56	331.46	675.60		
249.85	274.96	F-16	f1	26.39	25.11	12.55	331.19			
F-16	F-17	F-17	f1	24.33	25.11	12.55	305.34	636.53		
274.96	303.87	F-17	f1	24.33	28.91	14.46	351.81			
F-17	F-18	F-18	f1	23.18	28.91	14.46	335.18	686.99		
303.87	325.07	F-18	f1	23.18	21.20	10.60	245.71			
F-18	F-19	F-19	f1	22.86	21.20	10.60	242.32	488.03		
325.07	350.15	F-19	f1	22.86	25.08	12.54	286.66			
F-19	F-20	F-20	f1	23.21	25.08	12.54	291.05	577.71		
350.15	377.36	F-20	f1	23.21	25.40	12.70	294.77			
F-20	F-21	F-21	f1							
A RIPORTARE mq							294.77	5938.01		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n. 54	
BONIFICA RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		294.77	5938.01	
350.15	375.55	F-21	f1	22.17	25.40	12.70	281.56				
F-21	F-22	F-21	f1	22.17	25.68	12.84	284.66		576.33		
375.55	401.23	F-22	f1	23.23	25.68	12.84	298.27				
F-22	F-23	F-22	f1	23.23	30.57	15.28	354.95		582.93		
401.23	431.80	F-23	f1	23.64	30.57	15.28	361.22				
F-23	F-24	F-23	f1	23.64	20.67	10.34	244.44		716.17		
431.80	452.47	F-24	f1	22.04	20.67	10.34	227.89				
F-24	F-25	F-24	f1	22.04	10.05	5.02	110.64		472.33		
452.47	462.52	F-25	f1	31.54	10.05	5.02	158.33				
		F-25	f2	4.00	10.05	5.02	20.08		289.05		
F-25	F-26	F-25	f1	31.54	15.81	7.91	249.48				
462.52	478.33	F-25	f2	4.00	15.81	7.91	31.64		548.72		
		F-26	f1	33.83	15.81	7.91	267.60				
F-26	F-27	F-26	f1	33.83	24.19	12.09	409.00		775.69		
478.33	502.52	F-27	f1	30.33	24.19	12.09	366.69				
F-27	F-28	F-27	f1	30.33	27.17	13.59	412.18		701.92		
502.52	529.69	F-28	f1	21.32	27.17	13.59	289.74				
F-28	F-29	F-28	f1	21.32	31.44	15.72	335.15		660.24		
529.69	561.13	F-29	f1	20.68	31.44	15.72	325.09				
F-29	F-30	F-29	f1	20.68	18.64	9.32	192.74		408.50		
561.13	579.77	F-30	f1	23.15	18.64	9.32	215.76				
F-30	F-31	F-30	f1	23.15	17.54	8.77	203.03		417.46		
579.77	597.31	F-31	f1	24.45	17.54	8.77	214.43				
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO					12087.35		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A F

COMPUTO DI SUPERFICI										Foglio n. 55
USURA										
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq		
F-1	F-2	F-1	g1	4.60	21.72	10.86	49.96			
0.00	21.72	F-2	g1	5.35	21.72	10.86	58.10			
										108.06
F-2	F-3	F-2	g1	5.35	17.38	8.69	46.49			
										46.49
F-5t	F-6	F-5t	g1	6.71	4.38	2.19	14.69			
78.20	82.58	F-6	g1	6.70	4.38	2.19	14.67			
										29.36
F-6	F-7	F-6	g1	6.70	11.56	5.78	38.73			
82.58	94.14	F-7	g1	6.70	11.56	5.78	38.73			
										77.46
F-7	F-8	F-7	g1	6.70	11.85	5.92	39.66			
94.14	105.99	F-8	g1	6.60	11.85	5.92	39.07			
										78.73
F-8	F-9	F-8	g1	6.60	17.17	8.59	56.69			
105.99	123.16	F-9	g1	6.70	17.17	8.59	57.55			
										114.24
F-9	F-10	F-9	g1	6.70	16.03	8.02	53.73			
123.16	139.19	F-10	g1	7.05	16.03	8.02	56.54			
										110.27
F-10	F-11	F-10	g1	7.05	10.13	5.06	35.67			
139.19	149.32	F-11	g1	7.37	10.13	5.06	37.29			
										72.96
F-11	F-12	F-11	g1	7.37	12.18	6.09	44.88			
149.32	161.50	F-12	g1	6.84	12.18	6.09	41.66			
										86.54
F-12	F-13	F-12	g1	6.84	13.00	6.50	44.46			
161.50	174.50	F-13	g1	6.70	13.00	6.50	43.55			
										88.01
F-13	F-14	F-13	g1	6.70	25.11	12.56	84.15			
174.50	199.61	F-14	g1	6.70	25.11	12.56	84.15			
										168.30
F-14	F-15	F-14	g1	6.70	25.12	12.56	84.15			
199.61	224.73	F-15	g1	6.70	25.12	12.56	84.15			
										168.30
F-15	F-16	F-15	g1	6.70	25.12	12.56	84.15			
224.73	249.85	F-16	g1	6.70	25.12	12.56	84.15			
										168.30
F-16	F-17	F-16	g1	6.70	25.11	12.55	84.09			
249.85	274.96	F-17	g1	6.70	25.11	12.55	84.09			
										168.18
F-17	F-18	F-17	g1	6.70	28.91	14.46	96.88			
274.96	303.87	F-18	g1	6.70	28.91	14.46	96.88			
										193.76
F-18	F-19	F-18	g1	6.70	21.20	10.60	71.02			
303.87	325.07	F-19	g1	6.70	21.20	10.60	71.02			
										142.04
F-19	F-20	F-19	g1	6.70	25.08	12.54	84.02			
325.07	350.15	F-20	g1	6.71	25.08	12.54	84.14			
										168.16
F-20	F-21	F-20	g1	6.71	25.40	12.70	85.22			
350.15	375.55	F-21	g1	6.70	25.40	12.70	85.09			
										170.31
A RIPORTARE mq										2159.47

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n. 56	
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		2159.47		
F-21 375.55	F-22 401.23	F-21 F-22	g1 g1	6.70 6.70	25.68 25.68	12.84 12.84	86.03 86.03		172.06		
F-22 401.23	F-23 431.80	F-22 F-23	g1 g1	6.70 7.64	30.57 30.57	15.28 15.28	102.38 116.74		219.12		
F-23 431.80	F-24 452.47	F-23 F-24	g1 g1	7.64 6.12	20.67 20.67	10.34 10.34	79.00 63.28		142.28		
F-24 452.47	F-25 462.52	F-24 F-25	g1 g1	6.12 10.63	10.05 10.05	5.02 5.02	30.72 53.36		84.08		
F-25 462.52	F-26 478.33	F-25 F-26	g1 g1	10.63 6.60	15.81 15.81	7.91 7.91	84.08 52.21		136.29		
F-26 478.33	F-27 502.52	F-26 F-27	g1 g1	6.60 6.60	24.19 24.19	12.09 12.09	79.79 79.79		159.58		
F-27 502.52	F-28 529.69	F-27 F-28	g1 g1	6.60 5.60	27.17 27.17	13.59 13.59	89.69 76.10		165.79		
F-28 529.69	F-29 561.13	F-28 F-29	g1 g1	5.60 5.61	31.44 31.44	15.72 15.72	88.03 88.19		176.22		
F-29 561.13	F-30 579.77	F-29 F-30	g1 g1	5.61 6.29	18.64 18.64	9.32 9.32	52.29 58.62		110.91		
F-30 579.77	F-31 597.31	F-30 F-31	g1 g1	6.29 6.35	17.54 17.54	8.77 8.77	55.16 55.69		110.85		
							Il Direttore dei Lavori		L'Impresa		
							TOTALE ARTICOLO		3636.65		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n. 57	
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			
F-1	F-2	F-1	hl	4.70	21.72	10.86	51.04				
0.00	21.72	F-2	hl	5.45	21.72	10.86	59.19				
F-2	F-3	F-2	hl	5.45	17.38	8.69	47.36	110.23			
F-5t	F-6	F-5t	hl	6.71	4.38	2.19	14.69	47.36			
78.20	82.58	F-6	hl	6.70	4.38	2.19	14.67	29.36			
F-6	F-7	F-6	hl	6.70	11.56	5.78	38.73	78.61			
82.58	94.14	F-7	hl	6.90	11.56	5.78	39.88	80.51			
F-7	F-8	F-7	hl	6.90	11.85	5.92	40.85	80.51			
94.14	105.99	F-8	hl	6.70	11.85	5.92	39.66	116.82			
F-8	F-9	F-8	hl	6.70	17.17	8.59	57.55	116.82			
105.99	123.16	F-9	hl	6.90	17.17	8.59	59.27	113.48			
F-9	F-10	F-9	hl	6.90	16.03	8.02	55.34	113.48			
123.16	139.19	F-10	hl	7.25	16.03	8.02	58.14	74.98			
F-10	F-11	F-10	hl	7.25	10.13	5.06	36.68	74.98			
139.19	149.32	F-11	hl	7.57	10.13	5.06	38.30	88.97			
F-11	F-12	F-11	hl	7.57	12.18	6.09	46.10	88.97			
149.32	161.50	F-12	hl	7.04	12.18	6.09	42.87	90.61			
F-12	F-13	F-12	hl	7.04	13.00	6.50	45.76	90.61			
161.50	174.50	F-13	hl	6.90	13.00	6.50	44.85	173.32			
F-13	F-14	F-13	hl	6.90	25.11	12.56	86.66	173.32			
174.50	199.61	F-14	hl	6.90	25.11	12.56	86.66	173.32			
F-14	F-15	F-14	hl	6.90	25.12	12.56	86.66	173.32			
199.61	224.73	F-15	hl	6.90	25.12	12.56	86.66	173.32			
F-15	F-16	F-15	hl	6.90	25.12	12.56	86.66	173.32			
224.73	249.85	F-16	hl	6.90	25.12	12.56	86.66	173.32			
F-16	F-17	F-16	hl	6.90	25.11	12.55	86.60	173.32			
249.85	274.96	F-17	hl	6.90	25.11	12.55	86.60	173.20			
F-17	F-18	F-17	hl	6.90	28.91	14.46	99.77	199.54			
274.96	303.87	F-18	hl	6.90	28.91	14.46	99.77	146.28			
F-18	F-19	F-18	hl	6.90	21.20	10.60	73.14	146.28			
303.87	325.07	F-19	hl	6.90	21.20	10.60	73.14	173.18			
F-19	F-20	F-19	hl	6.90	25.08	12.54	86.53	173.18			
325.07	350.15	F-20	hl	6.91	25.08	12.54	86.65	173.18			
F-20	F-21	F-20	hl	6.91	25.40	12.70	87.76	175.39			
350.15	375.55	F-21	hl	6.90	25.40	12.70	87.63	175.39			
A RIPORTARE mq								2218.48			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n. 58	
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			
								A RIPORTARE mq		2218.48	
F-21 375.55	F-22 401.23	F-21 F-22	h1 h1	6.90 6.90	25.68 25.68	12.84 12.84	88.60 88.60				177.20
F-22 401.23	F-23 431.80	F-22 F-23	h1 h1	6.90 7.74	30.57 30.57	15.28 15.28	105.43 118.27				223.70
F-23 431.80	F-24 452.47	F-23 F-24	h1 h1	7.74 6.22	20.67 20.67	10.34 10.34	80.03 64.31				144.34
F-24 452.47	F-25 462.52	F-24 F-25	h1 h1	6.22 10.73	10.05 10.05	5.02 5.02	31.22 53.86				85.08
F-25 462.52	F-26 478.33	F-25 F-26	h1 h1	10.73 6.70	15.81 15.81	7.91 7.91	84.87 53.00				137.87
F-26 478.33	F-27 502.52	F-26 F-27	h1 h1	6.70 6.70	24.19 24.19	12.09 12.09	81.00 81.00				162.00
F-27 502.52	F-28 529.69	F-27 F-28	h1 h1	6.70 5.70	27.17 27.17	13.59 13.59	91.05 77.46				168.51
F-28 529.69	F-29 561.13	F-28 F-29	h1 h1	5.70 5.71	31.44 31.44	15.72 15.72	89.60 89.76				179.36
F-29 561.13	F-30 579.77	F-29 F-30	h1 h1	5.71 6.39	18.64 18.64	9.32 9.32	53.22 59.55				112.77
F-30 579.77	F-31 597.31	F-30 F-31	h1 h1	6.39 6.45	17.54 17.54	8.77 8.77	56.04 56.57				112.61
								Il Direttore dei Lavori		L'Impresa	
										TOTALE ARTICOLO	
										3721.92	

TABULATI MOVIMENTI MATERIA*Codice documento*

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n. 59	
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			
F-1	F-2	F-1	i1	4.70	21.72	10.86	51.04				
0.00	21.72	F-2	i1	5.45	21.72	10.86	59.19			110.23	
F-2	F-3	F-2	i1	5.45	17.38	8.69	47.36				
21.72	39.10	F-3	i1	5.51	17.38	8.69	47.88			95.24	
F-3	F-3b	F-3	i1	5.51	0.01	0.00	0.00				
F-5t	F-6	F-5t	i1	6.71	4.38	2.19	14.69				
78.20	82.58	F-6	i1	6.70	4.38	2.19	14.67			29.36	
F-6	F-7	F-6	i1	6.70	11.56	5.78	38.73				
82.58	94.14	F-7	i1	7.40	11.56	5.78	42.77			81.50	
F-7	F-8	F-7	i1	7.40	11.85	5.92	43.81				
94.14	105.99	F-8	i1	6.96	11.85	5.92	41.20			85.01	
F-8	F-9	F-8	i1	6.96	17.17	8.59	59.79				
105.99	123.16	F-9	i1	7.40	17.17	8.59	63.57			123.36	
F-9	F-10	F-9	i1	7.40	16.03	8.02	59.35				
123.16	139.19	F-10	i1	7.68	16.03	8.02	61.59			120.94	
F-10	F-11	F-10	i1	7.68	10.13	5.06	38.86				
139.19	149.32	F-11	i1	8.00	10.13	5.06	40.48			79.34	
F-11	F-12	F-11	i1	8.00	12.18	6.09	48.72				
149.32	161.50	F-12	i1	7.49	12.18	6.09	45.61			94.33	
F-12	F-13	F-12	i1	7.49	13.00	6.50	48.69				
161.50	174.50	F-13	i1	7.36	13.00	6.50	47.84			96.53	
F-13	F-14	F-13	i1	7.36	25.11	12.56	92.44				
174.50	199.61	F-14	i1	7.37	25.11	12.56	92.57			185.01	
F-14	F-15	F-14	i1	7.37	25.12	12.56	92.57				
199.61	224.73	F-15	i1	7.40	25.12	12.56	92.94			185.51	
F-15	F-16	F-15	i1	7.40	25.12	12.56	92.94				
224.73	249.85	F-16	i1	7.40	25.12	12.56	92.94			185.88	
F-16	F-17	F-16	i1	7.40	25.11	12.55	92.87				
249.85	274.96	F-17	i1	7.40	25.11	12.55	92.87			185.74	
F-17	F-18	F-17	i1	7.40	28.91	14.46	107.00				
274.96	303.87	F-18	i1	7.40	28.91	14.46	107.00			214.00	
F-18	F-19	F-18	i1	7.40	21.20	10.60	78.44				
303.87	325.07	F-19	i1	7.40	21.20	10.60	78.44			156.88	
F-19	F-20	F-19	i1	7.40	25.08	12.54	92.80				
325.07	350.15	F-20	i1	7.41	25.08	12.54	92.92			185.72	
F-20	F-21	F-20	i1	7.41	25.40	12.70	94.11				
							A RIPORTARE mq	94.11	2214.58		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n. 60	
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			
							A RIPORTARE mq		94.11	2214.58	
350.15	375.55	F-21	i1	7.40	25.40	12.70	93.98				
F-21	F-22	F-21	i1	7.40	25.68	12.84	95.02		188.09		
375.55	401.23	F-22	i1	7.40	25.68	12.84	95.02				
F-22	F-23	F-22	i1	7.40	30.57	15.28	113.07				
401.23	431.80	F-23	i1	8.00	30.57	15.28	122.24				
F-23	F-24	F-23	i1	8.00	20.67	10.34	82.72				
431.80	452.47	F-24	i1	6.48	20.67	10.34	67.00				
F-24	F-25	F-24	i1	6.48	10.05	5.02	32.53				
452.47	462.52	F-25	i1	10.99	10.05	5.02	55.17				
F-25	F-26	F-25	i1	10.99	15.81	7.91	86.93			87.70	
462.52	478.33	F-26	i1	6.96	15.81	7.91	55.05				
F-26	F-27	F-26	i1	6.96	24.19	12.09	84.15				
478.33	502.52	F-27	i1	6.96	24.19	12.09	84.15				
F-27	F-28	F-27	i1	6.96	27.17	13.59	94.59				
502.52	529.69	F-28	i1	5.96	27.17	13.59	81.00				
F-28	F-29	F-28	i1	5.96	31.44	15.72	93.69				
529.69	561.13	F-29	i1	5.98	31.44	15.72	94.01				
F-29	F-30	F-29	i1	5.98	18.64	9.32	55.73				
561.13	579.77	F-30	i1	6.65	18.64	9.32	61.98				
F-30	F-31	F-30	i1	6.65	17.54	8.77	58.32				
579.77	597.31	F-31	i1	6.71	17.54	8.77	58.85				
									117.71		
									117.17		
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO	3973.89		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DI SUPERFICI										Foglio n. 62	
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		105.54	2437.71	
350.15	375.55	F-21	ml	8.30	25.40	12.70	105.41				
F-21	F-22	F-21	ml	8.30	25.68	12.84	106.57	210.95			
375.55	401.23	F-22	ml	8.30	25.68	12.84	106.57				
F-22	F-23	F-22	ml	8.30	30.57	15.28	126.82	213.14			
401.23	431.80	F-23	ml	8.46	30.57	15.28	129.27				
F-23	F-24	F-23	ml	8.46	20.67	10.34	87.48	256.09			
431.80	452.47	F-24	ml	6.94	20.67	10.34	71.76				
F-24	F-25	F-24	ml	6.94	10.05	5.02	34.84	159.24			
452.47	462.52	F-25	ml	11.45	10.05	5.02	57.48				
F-25	F-26	F-25	ml	11.45	15.81	7.91	90.57	92.32			
462.52	478.33	F-26	ml	7.42	15.81	7.91	58.69				
F-26	F-27	F-26	ml	7.42	24.19	12.09	89.71	149.26			
478.33	502.52	F-27	ml	7.42	24.19	12.09	89.71				
F-27	F-28	F-27	ml	7.42	27.17	13.59	100.84	179.42			
502.52	529.69	F-28	ml	6.43	27.17	13.59	87.38				
F-28	F-29	F-28	ml	6.43	31.44	15.72	101.08	188.22			
529.69	561.13	F-29	ml	6.46	31.44	15.72	101.55				
F-29	F-30	F-29	ml	6.46	18.64	9.32	60.21	202.63			
561.13	579.77	F-30	ml	7.12	18.64	9.32	66.36				
F-30	F-31	F-30	ml	7.12	17.54	8.77	62.44	126.57			
579.77	597.31	F-31	ml	7.17	17.54	8.77	62.88				
								125.32			
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				4340.87			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DEI VOLUMI		Foglio n.
Volume dalla sezione F-1 alla sezione F-31		63
ARTICOLO		VOLUME
RIPORTO	mc	45398.183
VEGETALE IN RILEVATO	mc	2728.784
GRADONATURA	mc	91.073
SEMINA	mq	8800.22
SEMINA	mq	317.16
SCOTICO	mq	12087.35
SCOTICO SU GRADONATURA	mq	253.85
BONIFICA RILEVATO	mq	12087.35
USURA	mq	3636.65
BINDER	mq	3721.92
BASE	mq	3973.89
FONDAZIONE	mq	4340.87

Nota : I valori di sterro e riporto calcolati si riferiscono ad un pacchetto di pavimentazione da 70 cm. Di seguito si riporta la tabella con il calcolo dei movimenti materia riferiti al pacchetto di pavimentazione di spessore 57 cm.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
		TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0

Modifica valori movimenti materia

Di seguito si riporta il calcolo per la determinazione dei valori di sterro e riporto riferiti al pacchetto di pavimentazione da 57 cm.

RIF.	ARTICOLO	SUPERFICIE (m ²)	Δh Pavimentazione (m)	VOLUME (m ³)	NOTE
A	STERRO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	0,000	
B	RIPORTO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	45398,183	
C	SUPERFICIE DI IMPOSTA CASSONETTO (Da computo sezioni trasversali)	4340,87	-	-	(1)
D	SUPERFICIE DI IMPOSTA CASSONETTO IN TRINCEA (Da computo sezioni trasversali)	0	-	-	(2)
E	SUPERFICIE DI IMPOSTA CASSONETTO IN RILEVATO	4340,87	-	-	(3)
F	VARIAZIONE STERRO (Per pavimentazione spessore = 57 cm)	0	0,13	0,00	(4)
G	VARIAZIONE RIPORTO (Per pavimentazione spessore = 57 cm)	4340,87	0,13	564,31	(5)
H	STERRO (Pavimentazione spessore = 57 cm)	-	-	0,000	(6)
I	RIPORTO (Pavimentazione spessore = 57 cm)	-	-	45962,496	(7)

Nota 1 : Il valore (C) è coincidente con la superficie dell'articolo di computo "Fondazione" (vedi tabella riassuntiva pagina precedente)

Nota 2 : Il valore (D) è coincidente con la superficie dell'articolo di computo "Bonifica trincea" (vedi tabella riassuntiva pagina precedente)

Nota 3 : Il valore (E) è determinato dalla differenza fra la superfici C - D

Nota 4 : Il valore (F) è il volume calcolato dal prodotto tra la superficie "D" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 5 : Il valore (G) è il volume calcolato dal prodotto tra la superficie "E" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 6 : Il valore (H) è il volume totale di sterro calcolato come A-H

Nota 7 : Il valore (I) è il volume totale di riporto calcolato come B+G

TABELLA RIEPILOGATIVA COMPUTI

TABULATI MOVIMENTI MATERIA



Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA F

COMPUTO DEI VOLUMI		Foglio n.	63
Volume dalla sezione F-1 alla sezione F-31			
ARTICOLO		VOLUME	
RIPORTO	mc	45962.496	
VEGETALE IN RILEVATO	mc	2728.784	
GRADONATURA	mc	91.073	
SEMINA	mq	8800.22	
SEMINA	mq	317.16	
SCOTICO	mq	12087.35	
SCOTICO SU GRADONATURA	mq	253.85	
BONIFICA RILEVATO	mq	12087.35	
USURA	mq	3636.65	
BINDER	mq	3721.92	
BASE	mq	3973.89	
FONDAZIONE	mq	4340.87	

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

MOVIMENTI MATERIA RAMPA G

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
G-2	R1		(-9.19-10.63)x(97.00+96.54)/2	139.35		
26.75			(-8.82-9.19)x(97.18+97.00)/2	35.92		
			(-8.70-8.82)x(97.30+97.18)/2	11.67		
			(-9.71-8.70)x(97.30+97.30)/2	-98.27		
			(-10.63-9.71)x(96.77+97.30)/2	-89.27		
G-2	S1		(-7.88-8.82)x(97.63+97.18)/2	91.56	0.60	
26.75			(-7.45-7.88)x(97.89+97.63)/2	42.04		
			(1.36-7.45)x(98.01+97.89)/2	862.94		
			(2.65-1.36)x(98.01+98.01)/2	126.43		
			(11.63-2.65)x(97.66+98.01)/2	878.56		
			(11.65-11.63)x(97.66+97.66)/2	1.95		
			(10.92-11.65)x(97.25+97.66)/2	-71.14		
			(9.61-10.92)x(97.25+97.25)/2	-127.40		
			(8.58-9.61)x(97.10+97.10)/2	-100.01		
			(-8.30-8.58)x(96.80+96.80)/2	-1633.98		
			(-9.22-8.30)x(96.78+96.80)/2	-89.05		
			(-8.82-9.22)x(97.18+96.78)/2	38.79		
G-3	S1		(-10.96-8.82)x(96.58+96.87)/2	-206.99	20.69	
38.88			(-10.10-10.96)x(97.00+96.58)/2	83.24		
			(-8.82-10.10)x(97.68+97.00)/2	124.60		
G-3	S2		(-8.67-8.82)x(97.76+97.68)/2	14.66	0.85	
38.88			(-8.34-8.67)x(98.00+97.76)/2	32.30		
			(0.40-8.34)x(98.12+98.00)/2	857.04		
			(1.71-0.40)x(98.12+98.12)/2	128.54		
			(10.53-1.71)x(97.83+98.12)/2	864.14		
			(11.99-10.53)x(97.72+97.83)/2	142.75		
			(12.03-11.99)x(97.72+97.72)/2	3.91		
			(13.71-12.03)x(97.55+97.72)/2	164.03		
			(7.11-13.71)x(97.16+97.55)/2	-642.54		
			(6.10-7.11)x(97.16+97.16)/2	-98.13		
			(6.62-6.10)x(96.64+97.16)/2	50.39		
			(5.70-6.62)x(96.66+96.64)/2	-88.92		
			(-5.26-5.70)x(96.67+96.66)/2	-1059.45		
			(-6.17-5.26)x(96.65+96.67)/2	-87.96		
			(-5.66-6.17)x(97.17+96.65)/2	49.42		
			(-6.66-5.66)x(97.17+97.17)/2	-97.17		
			(-8.82-6.66)x(96.87+97.17)/2	-209.56		
G-4	S1		(-11.63-12.00)x(97.00+96.68)/2	35.83	23.45	
53.88			(-9.54-11.63)x(97.90+97.00)/2	203.67		
			(-9.36-9.54)x(98.00+97.90)/2	17.63		
			(-9.29-9.36)x(98.15+98.00)/2	6.87		
			(-0.57-9.29)x(98.25+98.15)/2	856.30		
			(0.74-0.57)x(98.24+98.25)/2	128.70		
			(9.49-0.74)x(97.94+98.24)/2	858.29		
			(10.97-9.49)x(97.92+97.94)/2	144.94		
			(5.91-10.97)x(97.07+97.92)/2	-493.32		
			(4.90-5.91)x(97.07+97.07)/2	-98.04		
			(5.42-4.90)x(96.55+97.07)/2	50.34		
			(4.50-5.42)x(96.57+96.55)/2	-88.84		
A RIPORTARE mq				1622.37		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE AREE		Foglio n. 2	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	1622.37
		$(-4.50-4.50) \times (96.57+96.57) / 2$	-869.13
		$(-5.42-4.50) \times (96.55+96.57) / 2$	-88.84
		$(-4.90-5.42) \times (97.07+96.55) / 2$	50.34
		$(-5.91-4.90) \times (97.07+97.07) / 2$	-98.04
		$(-12.00-5.91) \times (96.68+97.07) / 2$	-589.97
			26.73
G-5	S1	$(-2.03-7.90) \times (98.35+98.28) / 2$	577.11
73.83		$(-0.72-2.03) \times (98.35+98.35) / 2$	128.84
		$(7.25-0.72) \times (98.04+98.35) / 2$	782.61
		$(5.91-7.25) \times (97.28+98.04) / 2$	-130.86
		$(4.90-5.91) \times (97.28+97.28) / 2$	-98.25
		$(5.40-4.90) \times (96.78+97.28) / 2$	48.52
		$(4.50-5.40) \times (96.78+96.78) / 2$	-87.10
		$(-4.50-4.50) \times (96.65+96.78) / 2$	-870.44
		$(-5.42-4.50) \times (96.63+96.65) / 2$	-88.91
		$(-4.90-5.42) \times (97.14+96.63) / 2$	50.38
		$(-5.91-4.90) \times (97.14+97.14) / 2$	-98.11
		$(-7.90-5.91) \times (98.28+97.14) / 2$	-194.44
			19.35
G-6	S1	$(-3.38-7.45) \times (98.34+98.31) / 2$	400.18
97.91		$(-2.08-3.38) \times (98.34+98.34) / 2$	127.84
		$(6.63-2.08) \times (98.25+98.34) / 2$	856.15
		$(8.11-6.63) \times (98.42+98.25) / 2$	145.54
		$(5.91-8.11) \times (97.87+98.42) / 2$	-215.92
		$(4.90-5.91) \times (97.87+97.87) / 2$	-98.85
		$(5.38-4.90) \times (97.39+97.87) / 2$	46.86
		$(4.50-5.38) \times (97.36+97.39) / 2$	-85.69
		$(-4.50-4.50) \times (97.03+97.36) / 2$	-874.75
		$(-5.43-4.50) \times (97.00+97.03) / 2$	-90.22
		$(-4.90-5.43) \times (97.52+97.00) / 2$	51.55
		$(-6.08-4.90) \times (97.52+97.52) / 2$	-115.07
		$(-7.45-6.08) \times (98.31+97.52) / 2$	-134.14
			13.48
G-7	S1	$(4.90-4.99) \times (98.44+98.44) / 2$	-8.86
121.11		$(4.99-4.90) \times (98.35+98.44) / 2$	8.86
		$(4.50-4.99) \times (97.92+97.95) / 2$	-47.99
		$(-4.76-4.50) \times (97.28+97.92) / 2$	-903.78
		$(-5.71-4.76) \times (97.22+97.28) / 2$	-92.39
		$(-5.16-5.71) \times (97.77+97.22) / 2$	53.62
		$(-6.17-5.16) \times (97.77+97.77) / 2$	-98.75
		$(-13.71-6.17) \times (98.00+97.77) / 2$	-738.05
		$(-12.67-13.71) \times (98.20+98.00) / 2$	102.02
		$(-12.30-12.67) \times (98.39+98.20) / 2$	36.37
		$(-3.95-12.30) \times (98.47+98.39) / 2$	821.89
		$(-2.65-3.95) \times (98.47+98.47) / 2$	128.01
		$(4.99-2.65) \times (98.50+98.47) / 2$	752.43
			13.38
G-7	S2	$(6.01-4.99) \times (98.50+98.50) / 2$	100.47
121.11		$(6.03-6.01) \times (98.50+98.50) / 2$	1.97
		$(5.91-6.03) \times (98.44+98.50) / 2$	-11.82
		$(4.99-5.91) \times (98.44+98.44) / 2$	-90.56
		A RIPORTARE mq	0.06

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 3	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
PROG.					
			RIPORTO mq	0.06	
G-7	S2	(5.35-4.99)x(97.98+98.35)/2	35.34	0.06	
121.11		(4.99-5.35)x(97.95+97.98)/2	-35.27		
				0.07	
G-8	S1	(4.50-4.98)x(98.18+98.21)/2	-47.13		
148.16		(-5.29-4.50)x(97.51+98.18)/2	-957.90		
		(-6.25-5.29)x(97.44+97.51)/2	-93.58		
		(-5.69-6.25)x(97.99+97.44)/2	54.72		
		(-6.70-5.69)x(97.99+97.99)/2	-98.97		
		(-12.30-6.70)x(98.00+97.99)/2	-548.77		
		(-11.11-12.30)x(98.34+98.00)/2	116.82		
		(-10.62-11.11)x(98.31+98.34)/2	48.18		
		(-2.21-10.62)x(98.55+98.31)/2	827.80		
		(-0.91-2.21)x(98.55+98.55)/2	128.11		
		(4.98-0.91)x(98.60+98.55)/2	580.61		
				9.89	
G-8	S2	(4.99-4.98)x(98.60+98.60)/2	0.99		
148.16		(5.35-4.99)x(98.24+98.60)/2	35.43		
		(4.98-5.35)x(98.21+98.24)/2	-36.34		
				0.08	
G-8	R1	(6.05-4.99)x(98.61+98.60)/2	104.52		
148.16		(5.91-6.05)x(98.69+98.61)/2	-13.81		
		(4.90-5.91)x(98.69+98.69)/2	-99.68		
		(4.99-4.90)x(98.60+98.69)/2	8.88		
				0.09	
G-9	S1	(-5.48-0.04)x(97.51+97.88)/2	-531.46		
175.22		(-6.44-5.48)x(97.44+97.51)/2	-93.58		
		(-5.88-6.44)x(97.99+97.44)/2	54.72		
		(-6.89-5.88)x(97.99+97.99)/2	-98.97		
		(-6.99-6.89)x(98.04+97.99)/2	-9.80		
		(-6.41-6.99)x(98.17+98.04)/2	56.90		
		(-5.67-6.41)x(98.41+98.17)/2	72.73		
		(-0.04-5.67)x(98.47+98.41)/2	554.22		
				4.76	
G-9	S2	(2.92-0.04)x(98.51+98.47)/2	291.53		
175.22		(3.58-2.92)x(98.53+98.51)/2	65.02		
		(4.25-3.58)x(98.61+98.53)/2	66.04		
		(4.98-4.25)x(98.63+98.61)/2	71.99		
		(5.35-4.98)x(98.25+98.63)/2	36.42		
		(4.50-5.35)x(98.19+98.25)/2	-83.49		
		(-0.04-4.50)x(97.88+98.19)/2	-445.08		
				2.43	
G-9	R1	(4.90-4.99)x(98.71+98.71)/2	-8.88		
175.22		(4.98-4.90)x(98.63+98.71)/2	7.89		
		(4.99-4.98)x(98.63+98.63)/2	0.99		
G-9	R2	(4.99-5.04)x(98.71+98.71)/2	-4.94		
175.22		(5.04-4.99)x(98.63+98.63)/2	4.93		
				0.01	
G-9	R3	(6.86-5.04)x(98.68+98.63)/2	179.55		
175.22		(5.91-6.86)x(98.71+98.68)/2	-93.76		
			A RIPORTARE mq	85.79	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 4	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq	85.79	
		$(5.04-5.91) \times (98.71+98.71) / 2$	-85.88	0.09	
G-10	R1	$(-5.61-6.52) \times (93.25+93.56) / 2$	85.00		
195.92		$(-5.59-5.61) \times (90.51+93.25) / 2$	1.84		
		$(-0.04-5.59) \times (90.71+90.51) / 2$	502.89		
		$(-4.82-0.04) \times (97.54+97.73) / 2$	-466.70		
		$(-5.02-4.82) \times (97.53+97.54) / 2$	-19.51		
		$(-6.52-5.02) \times (98.33+98.33) / 2$	-147.50		
G-10	S1	$(4.50-4.98) \times (97.91+97.93) / 2$	-47.00	43.98	
195.92		$(-0.04-4.50) \times (97.73+97.91) / 2$	-444.10		
		$(0.76-0.04) \times (98.10+98.10) / 2$	78.48		
		$(4.98-0.76) \times (98.28+98.10) / 2$	414.36		
G-10	S2	$(5.04-4.98) \times (98.28+98.28) / 2$	5.90	1.74	
195.92		$(5.37-5.04) \times (97.95+98.28) / 2$	32.38		
		$(4.98-5.37) \times (97.93+97.95) / 2$	-38.20		
G-10	R2	$(6.07-5.04) \times (98.33+98.28) / 2$	101.25	0.08	
195.92		$(5.91-6.07) \times (98.42+98.33) / 2$	-15.74		
		$(4.90-5.91) \times (98.42+98.42) / 2$	-99.40		
		$(5.04-4.90) \times (98.28+98.42) / 2$	13.77		
G-11	R1	$(-1.66-3.92) \times (89.82+89.60) / 2$	202.74	0.12	
225.48		$(10.69-1.66) \times (97.55+89.82) / 2$	1157.01		
		$(6.27-10.69) \times (97.55+97.55) / 2$	-431.17		
		$(5.91-6.27) \times (97.76+97.55) / 2$	-35.16		
		$(4.90-5.91) \times (97.76+97.76) / 2$	-98.74		
		$(5.40-4.90) \times (97.26+97.76) / 2$	48.76		
		$(4.50-5.40) \times (97.26+97.26) / 2$	-87.53		
		$(-3.92-4.50) \times (97.16+97.26) / 2$	-818.51		
G-12	R1	$(-12.09-13.27) \times (89.00+88.95) / 2$	104.99	62.60	
242.44		$(-1.68-12.09) \times (90.00+89.00) / 2$	931.70		
		$(2.04-1.68) \times (91.00+90.00) / 2$	336.66		
		$(4.87-2.04) \times (90.57+91.00) / 2$	256.92		
		$(4.92-4.87) \times (91.71+90.57) / 2$	4.56		
		$(5.14-4.92) \times (92.00+91.71) / 2$	20.21		
		$(8.18-5.14) \times (92.80+92.00) / 2$	280.90		
		$(9.56-8.18) \times (93.00+92.80) / 2$	128.20		
		$(11.92-9.56) \times (94.00+93.00) / 2$	220.66		
		$(12.01-11.92) \times (94.02+94.00) / 2$	8.46		
		$(5.52-12.01) \times (97.21+97.21) / 2$	-630.89		
		$(4.50-5.52) \times (97.06+97.06) / 2$	-99.00		
		$(-4.50-4.50) \times (96.75+96.76) / 2$	-870.79		
		$(-4.70-4.50) \times (96.75+96.75) / 2$	-19.35		
		$(-6.00-4.70) \times (97.55+97.55) / 2$	-126.81		
		$(-12.66-6.00) \times (93.74+97.55) / 2$	-637.00		
		$(-13.27-12.66) \times (92.89+92.89) / 2$	-56.66		
G-13	R1	$(-23.08-23.34) \times (88.00+88.17) / 2$	22.90	147.24	
			A RIPORTARE mq	22.90	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 5	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			22.90		
251.77		$(-22.13-23.08) \times (87.74+88.00) / 2$	83.48		
		$(-20.73-22.13) \times (87.61+87.74) / 2$	122.74		
		$(-18.79-20.73) \times (87.61+87.61) / 2$	169.96		
		$(-16.70-18.79) \times (88.00+87.61) / 2$	183.51		
		$(-16.19-16.70) \times (88.58+88.00) / 2$	45.03		
		$(-9.00-16.19) \times (89.00+88.58) / 2$	638.40		
		$(-8.27-9.00) \times (89.04+89.00) / 2$	64.98		
		$(-8.26-8.27) \times (89.56+89.04) / 2$	0.89		
		$(-0.74-8.26) \times (90.00+89.56) / 2$	675.15		
		$(1.81-0.74) \times (90.37+90.00) / 2$	229.97		
		$(1.83-1.81) \times (91.00+90.37) / 2$	1.81		
		$(3.79-1.83) \times (92.00+91.00) / 2$	179.34		
		$(11.09-3.79) \times (92.97+92.00) / 2$	675.14		
		$(5.52-11.09) \times (96.94+96.94) / 2$	-539.96		
		$(4.50-5.52) \times (96.79+96.79) / 2$	-98.73		
		$(-4.50-4.50) \times (96.49+96.49) / 2$	-868.41		
		$(-5.42-4.50) \times (96.47+96.49) / 2$	-88.76		
		$(-4.90-5.42) \times (96.99+96.47) / 2$	50.30		
		$(-5.91-4.90) \times (96.99+96.99) / 2$	-97.96		
		$(-14.66-5.91) \times (91.99+96.99) / 2$	-826.79		
		$(-16.66-14.66) \times (91.99+91.99) / 2$	-183.98		
		$(-23.34-16.66) \times (88.17+91.99) / 2$	-601.73		
				162.72	
G-14	R1	$(-19.47-20.85) \times (88.41+88.81) / 2$	122.28		
278.38		$(-17.85-19.47) \times (88.00+88.41) / 2$	142.89		
		$(-16.85-17.85) \times (87.63+88.00) / 2$	87.81		
		$(-16.31-16.85) \times (87.45+87.63) / 2$	47.27		
		$(-14.58-16.31) \times (87.45+87.45) / 2$	151.29		
		$(-12.78-14.58) \times (88.00+87.45) / 2$	157.91		
		$(-10.27-12.78) \times (89.00+88.00) / 2$	222.13		
		$(-9.74-10.27) \times (89.10+89.00) / 2$	47.20		
		$(1.65-9.74) \times (90.00+89.10) / 2$	1019.97		
		$(2.85-1.65) \times (90.03+90.00) / 2$	108.02		
		$(2.92-2.85) \times (90.56+90.03) / 2$	6.32		
		$(5.45-2.92) \times (91.00+90.56) / 2$	229.67		
		$(9.33-5.45) \times (91.73+91.00) / 2$	354.50		
		$(5.52-9.33) \times (96.04+96.04) / 2$	-365.91		
		$(4.50-5.52) \times (95.89+95.89) / 2$	-97.81		
		$(-4.50-4.50) \times (95.70+95.59) / 2$	-860.81		
		$(-5.40-4.50) \times (95.70+95.70) / 2$	-86.13		
		$(-4.90-5.40) \times (96.20+95.70) / 2$	47.98		
		$(-5.91-4.90) \times (96.20+96.20) / 2$	-97.16		
		$(-14.66-5.91) \times (91.20+96.20) / 2$	-819.88		
		$(-16.66-14.66) \times (91.20+91.20) / 2$	-182.40		
		$(-20.85-16.66) \times (88.81+91.20) / 2$	-377.12		
				141.98	
G-15	R1	$(-22.41-22.48) \times (86.92+86.92) / 2$	6.08		
306.08		$(-14.88-22.41) \times (86.90+86.92) / 2$	654.43		
		$(-13.13-14.88) \times (86.90+86.90) / 2$	152.08		
		$(-12.61-13.13) \times (87.00+86.90) / 2$	45.21		
		$(-8.93-12.61) \times (87.82+87.00) / 2$	321.67		
A RIPORTARE mq			1179.47		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTIO mq				1179.47		
			$(-5.11-8.93) \times (88.00+87.82) / 2$	335.82		
			$(0.00-5.11) \times (88.53+88.00) / 2$	451.03		
			$(5.86-0.00) \times (88.76+88.53) / 2$	519.46		
			$(5.88-5.86) \times (90.38+88.76) / 2$	1.79		
			$(9.31-5.88) \times (90.59+90.38) / 2$	310.36		
			$(5.52-9.31) \times (94.82+94.82) / 2$	-359.37		
			$(4.50-5.52) \times (94.67+94.67) / 2$	-96.56		
			$(-4.50-4.50) \times (94.74+94.37) / 2$	-851.00		
			$(-5.37-4.50) \times (94.78+94.74) / 2$	-82.44		
			$(-4.90-5.37) \times (95.25+94.78) / 2$	44.66		
			$(-5.91-4.90) \times (95.25+95.25) / 2$	-96.20		
			$(-14.66-5.91) \times (90.25+95.25) / 2$	-811.56		
			$(-16.66-14.66) \times (90.25+90.25) / 2$	-180.50		
			$(-22.48-16.66) \times (86.92+90.25) / 2$	-515.56		
					150.60	
G-16	R1		$(-14.21-23.59) \times (86.00+85.71) / 2$	805.32		
319.75			$(-14.15-14.21) \times (86.03+86.00) / 2$	5.16		
			$(-14.13-14.15) \times (86.33+86.03) / 2$	1.72		
			$(-13.74-14.13) \times (86.49+86.33) / 2$	33.70		
			$(-12.02-13.74) \times (86.50+86.49) / 2$	148.77		
			$(-10.35-12.02) \times (87.00+86.50) / 2$	144.87		
			$(-9.92-10.35) \times (87.00+87.00) / 2$	37.41		
			$(-9.90-9.92) \times (87.76+87.00) / 2$	1.75		
			$(-1.10-9.90) \times (88.07+87.76) / 2$	773.65		
			$(-1.08-1.10) \times (88.46+88.07) / 2$	1.77		
			$(9.13-1.08) \times (90.50+88.46) / 2$	913.59		
			$(5.52-9.13) \times (94.25+94.25) / 2$	-340.24		
			$(4.50-5.52) \times (94.10+94.10) / 2$	-95.98		
			$(-4.50-4.50) \times (94.17+93.80) / 2$	-845.87		
			$(-5.37-4.50) \times (94.20+94.17) / 2$	-81.94		
			$(-4.90-5.37) \times (94.68+94.20) / 2$	44.39		
			$(-5.91-4.90) \times (94.68+94.68) / 2$	-95.63		
			$(-14.66-5.91) \times (89.68+94.68) / 2$	-806.58		
			$(-16.66-14.66) \times (89.68+89.68) / 2$	-179.36		
			$(-23.59-16.66) \times (85.71+89.68) / 2$	-607.73		
					141.23	
G-17	R1		$(-14.27-22.54) \times (86.12+85.84) / 2$	711.05		
331.13			$(-13.84-14.27) \times (86.15+86.12) / 2$	37.04		
			$(-12.11-13.84) \times (86.16+86.15) / 2$	149.05		
			$(-8.06-12.11) \times (87.00+86.16) / 2$	350.65		
			$(-7.90-8.06) \times (87.71+87.00) / 2$	13.98		
			$(1.42-7.90) \times (88.03+87.71) / 2$	818.95		
			$(3.09-1.42) \times (88.11+88.03) / 2$	147.08		
			$(4.41-3.09) \times (88.39+88.11) / 2$	116.49		
			$(8.84-4.41) \times (88.73+88.39) / 2$	392.32		
			$(5.52-8.84) \times (93.77+93.77) / 2$	-311.32		
			$(4.50-5.52) \times (93.62+93.62) / 2$	-95.49		
			$(-4.50-4.50) \times (93.69+93.32) / 2$	-841.54		
			$(-5.37-4.50) \times (93.73+93.69) / 2$	-81.53		
			$(-4.90-5.37) \times (94.20+93.73) / 2$	44.16		
			$(-5.91-4.90) \times (94.20+94.20) / 2$	-95.14		
A RIPORTARE mq				1355.75		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE AREE		Foglio n. 7	
STERRI E RIPORTI			
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	NOTE
PROG.		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	1355.75
		$(-14.66-5.91) \times (89.20+94.20) / 2$	-802.38
		$(-16.66-14.66) \times (89.20+89.20) / 2$	-178.40
		$(-22.54-16.66) \times (85.84+89.20) / 2$	-514.62
G-18	R1	$(-20.02-21.94) \times (85.00+84.93) / 2$	163.13
358.23		$(-15.86-20.02) \times (85.07+85.00) / 2$	353.75
		$(-15.30-15.86) \times (85.01+85.07) / 2$	47.62
		$(-13.58-15.30) \times (85.06+85.01) / 2$	146.26
		$(-13.10-13.58) \times (85.01+85.06) / 2$	40.82
		$(-12.09-13.10) \times (85.44+85.01) / 2$	86.08
		$(-12.07-12.09) \times (86.07+85.44) / 2$	1.72
		$(-9.25-12.07) \times (86.01+86.07) / 2$	242.63
		$(0.11-9.25) \times (85.95+86.01) / 2$	804.77
		$(0.13-0.11) \times (87.47+85.95) / 2$	1.73
		$(2.68-0.13) \times (88.01+87.47) / 2$	223.74
		$(7.80-2.68) \times (88.50+88.01) / 2$	451.87
		$(5.52-7.80) \times (92.71+92.71) / 2$	-211.38
		$(4.50-5.52) \times (92.56+92.56) / 2$	-94.41
		$(-4.50-4.50) \times (92.44+92.26) / 2$	-831.15
		$(-5.39-4.50) \times (92.46+92.44) / 2$	-82.28
		$(-4.90-5.39) \times (92.95+92.46) / 2$	45.43
		$(-5.91-4.90) \times (92.95+92.95) / 2$	-93.88
		$(-14.66-5.91) \times (87.95+92.95) / 2$	-791.44
		$(-16.66-14.66) \times (87.95+87.95) / 2$	-175.90
		$(-21.94-16.66) \times (84.93+87.95) / 2$	-456.40
G-19	R1	$(-17.06-21.47) \times (84.81+84.60) / 2$	373.55
370.60		$(-17.05-17.06) \times (83.91+84.81) / 2$	0.84
		$(-13.33-17.05) \times (83.92+83.91) / 2$	312.16
		$(-13.32-13.33) \times (84.60+83.92) / 2$	0.84
		$(-10.83-13.32) \times (85.00+84.60) / 2$	211.15
		$(-9.91-10.83) \times (85.12+85.00) / 2$	78.26
		$(-9.89-9.91) \times (85.83+85.12) / 2$	1.71
		$(-4.02-9.89) \times (86.00+85.83) / 2$	504.32
		$(0.00-4.02) \times (86.20+86.00) / 2$	346.12
		$(1.94-0.00) \times (86.32+86.20) / 2$	167.34
		$(1.96-1.94) \times (87.82+86.32) / 2$	1.74
		$(7.08-1.96) \times (88.01+87.82) / 2$	450.12
		$(7.21-7.08) \times (88.03+88.01) / 2$	11.44
		$(5.52-7.21) \times (92.19+92.19) / 2$	-155.80
		$(4.50-5.52) \times (92.04+92.04) / 2$	-93.88
		$(-4.50-4.50) \times (91.84+91.74) / 2$	-826.11
		$(-5.40-4.50) \times (91.84+91.84) / 2$	-82.66
		$(-4.90-5.40) \times (92.34+91.84) / 2$	46.05
		$(-5.91-4.90) \times (92.34+92.34) / 2$	-93.26
		$(-14.66-5.91) \times (87.34+92.34) / 2$	-786.10
		$(-16.66-14.66) \times (87.34+87.34) / 2$	-174.68
		$(-21.47-16.66) \times (84.60+87.34) / 2$	-413.52
G-20	R1	$(-24.86-25.50) \times (81.00+80.96) / 2$	51.83
399.67		$(-19.74-24.86) \times (82.00+81.00) / 2$	417.28
		A RIPORTARE mq	469.11

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 8	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq	469.11	
		$(-18.18-19.74) \times (82.00+82.00) / 2$	127.92		
		$(-18.16-18.18) \times (83.09+82.00) / 2$	1.65		
		$(-15.42-18.16) \times (83.06+83.09) / 2$	227.63		
		$(-7.80-15.42) \times (83.00+83.06) / 2$	632.69		
		$(0.00-7.80) \times (83.67+83.00) / 2$	650.01		
		$(3.92-0.00) \times (83.99+83.67) / 2$	328.61		
		$(6.40-3.92) \times (84.59+83.99) / 2$	209.04		
		$(5.52-6.40) \times (90.96+90.96) / 2$	-80.04		
		$(4.50-5.52) \times (90.81+90.81) / 2$	-92.63		
		$(-4.50-4.50) \times (90.51+90.51) / 2$	-814.59		
		$(-5.42-4.50) \times (90.49+90.51) / 2$	-83.26		
		$(-4.90-5.42) \times (91.01+90.49) / 2$	47.19		
		$(-5.91-4.90) \times (91.01+91.01) / 2$	-91.92		
		$(-14.66-5.91) \times (86.01+91.01) / 2$	-774.46		
		$(-16.66-14.66) \times (86.01+86.01) / 2$	-172.02		
		$(-25.50-16.66) \times (80.96+86.01) / 2$	-738.01		
				153.08	
G-21	R1	$(-4.50-4.09) \times (89.37+89.37) / 2$	-767.69		
425.40		$(-5.42-4.50) \times (89.35+89.37) / 2$	-82.21		
		$(-4.90-5.42) \times (89.87+89.35) / 2$	46.60		
		$(-5.91-4.90) \times (89.87+89.87) / 2$	-90.77		
		$(-12.59-5.91) \times (86.05+89.87) / 2$	-587.57		
		$(-11.63-12.59) \times (86.12+86.05) / 2$	82.64		
		$(-11.61-11.63) \times (86.45+86.12) / 2$	1.73		
		$(-8.08-11.61) \times (87.00+86.45) / 2$	306.14		
		$(0.00-8.08) \times (87.95+87.00) / 2$	706.80		
		$(0.38-0.00) \times (87.97+87.95) / 2$	33.42		
		$(0.77-0.38) \times (87.97+87.97) / 2$	34.31		
		$(0.78-0.77) \times (88.82+87.97) / 2$	0.88		
		$(1.07-0.78) \times (88.89+88.82) / 2$	25.77		
		$(1.32-1.07) \times (88.97+88.89) / 2$	22.23		
		$(3.90-1.32) \times (89.09+88.97) / 2$	229.70		
		$(4.09-3.90) \times (89.10+89.09) / 2$	16.93		
				21.09	
G-21	R2	$(4.09-4.50) \times (89.37+89.37) / 2$	-36.64		
425.40		$(4.50-4.09) \times (89.12+89.10) / 2$	36.54		
				0.10	
G-21	R3	$(4.50-5.47) \times (89.67+89.67) / 2$	-86.98		
425.40		$(5.47-4.50) \times (89.17+89.12) / 2$	86.47		
				0.51	
G-21	R4	$(6.46-5.47) \times (89.21+89.17) / 2$	88.30		
425.40		$(5.52-6.46) \times (89.82+89.82) / 2$	-84.43		
		$(5.47-5.52) \times (89.67+89.67) / 2$	-4.48		
				0.61	
G-22	R1	$(-3.10-9.64) \times (87.19+86.53) / 2$	568.06		
450.70		$(-3.08-3.10) \times (87.80+87.19) / 2$	1.75		
		$(0.00-3.08) \times (87.98+87.80) / 2$	270.70		
		$(1.71-0.00) \times (88.09+87.98) / 2$	150.54		
		$(4.09-1.71) \times (88.33+88.09) / 2$	209.94		
		$(-4.50-4.09) \times (88.17+88.33) / 2$	-758.07		
		$(-5.42-4.50) \times (88.15+88.17) / 2$	-81.11		
			A RIPORTARE mq	361.81	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE AREE		Foglio n. 9	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	361.81
		$(-4.90-5.42) \times (88.66+88.15) / 2$	45.97
		$(-5.91-4.90) \times (88.66+88.66) / 2$	-89.55
		$(-9.64-5.91) \times (86.53+88.66) / 2$	-326.73
G-22	R2	$(5.47-4.50) \times (88.47+88.37) / 2$	85.77
450.70		$(4.50-5.47) \times (88.64+88.64) / 2$	-85.98
			0.21
G-22	S1	$(5.49-5.47) \times (89.73+88.64) / 2$	1.78
450.70		$(7.08-5.49) \times (90.00+89.73) / 2$	142.89
		$(9.60-7.08) \times (90.29+90.00) / 2$	227.17
		$(7.34-9.60) \times (88.79+90.29) / 2$	-202.36
		$(5.52-7.34) \times (88.79+88.79) / 2$	-161.60
		$(5.47-5.52) \times (88.64+88.64) / 2$	-4.43
			3.45
G-23	R1	$(-4.50-4.09) \times (86.80+87.23) / 2$	-747.46
475.86		$(-5.44-4.50) \times (86.76+86.80) / 2$	-81.57
		$(-4.90-5.44) \times (87.29+86.76) / 2$	46.99
		$(-5.91-4.90) \times (87.29+87.29) / 2$	-88.16
		$(-10.29-5.91) \times (84.79+87.29) / 2$	-376.86
		$(-9.13-10.29) \times (85.00+84.79) / 2$	98.48
		$(-0.99-9.13) \times (86.00+85.00) / 2$	695.97
		$(0.00-0.99) \times (86.22+86.00) / 2$	85.25
		$(3.58-0.00) \times (87.00+86.22) / 2$	310.06
		$(4.09-3.58) \times (87.01+87.00) / 2$	44.37
			12.93
G-23	R2	$(4.09-4.50) \times (87.23+87.25) / 2$	-35.77
475.86		$(4.37-4.09) \times (87.01+87.01) / 2$	24.36
		$(4.47-4.37) \times (87.03+87.01) / 2$	8.70
		$(4.50-4.47) \times (87.03+87.03) / 2$	2.61
			0.10
G-23	R3	$(4.50-5.47) \times (87.55+87.55) / 2$	-84.92
475.86		$(5.47-4.50) \times (87.12+87.03) / 2$	84.46
			0.46
G-23	R4	$(8.67-5.47) \times (87.44+87.12) / 2$	279.30
475.86		$(8.99-8.67) \times (87.66+87.44) / 2$	28.02
		$(5.52-8.99) \times (87.70+87.70) / 2$	-304.32
		$(5.47-5.52) \times (87.55+87.55) / 2$	-4.38
			1.38
G-24	R1	$(0.00-8.66) \times (84.52+84.46) / 2$	731.68
501.20		$(4.03-0.00) \times (84.55+84.52) / 2$	340.68
		$(4.26-4.03) \times (85.76+84.55) / 2$	19.59
		$(9.84-4.26) \times (86.00+85.76) / 2$	479.21
		$(10.09-9.84) \times (85.76+86.00) / 2$	21.47
		$(5.52-10.09) \times (86.43+86.43) / 2$	-394.99
		$(4.50-5.52) \times (86.28+86.28) / 2$	-88.01
		$(-4.50-4.50) \times (85.54+85.98) / 2$	-771.84
		$(-5.44-4.50) \times (85.49+85.54) / 2$	-80.38
		$(-4.90-5.44) \times (86.03+85.49) / 2$	46.31
		$(-5.91-4.90) \times (86.03+86.03) / 2$	-86.89
		$(-8.66-5.91) \times (84.46+86.03) / 2$	-234.42
			17.59
		A RIPORTARE mq	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 10	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
G-25	R1	$(-10.99-12.17) \times (81.36+81.28) / 2$	95.96		
526.95		$(-10.96-10.99) \times (81.83+81.36) / 2$	2.45		
		$(-1.97-10.96) \times (82.00+81.83) / 2$	736.42		
		$(-1.41-1.97) \times (81.97+82.00) / 2$	45.91		
		$(-1.39-1.41) \times (82.80+81.97) / 2$	1.65		
		$(0.00-1.39) \times (82.85+82.80) / 2$	115.13		
		$(4.34-0.00) \times (83.00+82.85) / 2$	359.89		
		$(4.69-4.34) \times (83.01+83.00) / 2$	29.05		
		$(4.71-4.69) \times (83.40+83.01) / 2$	1.66		
		$(6.08-4.71) \times (83.41+83.40) / 2$	114.26		
		$(5.52-6.08) \times (84.98+84.98) / 2$	-47.59		
		$(4.50-5.52) \times (84.83+84.83) / 2$	-86.53		
		$(-4.50-4.50) \times (84.36+84.53) / 2$	-760.00		
		$(-5.42-4.50) \times (84.34+84.36) / 2$	-77.60		
		$(-4.90-5.42) \times (84.86+84.34) / 2$	43.99		
		$(-5.91-4.90) \times (84.86+84.86) / 2$	-85.71		
		$(-12.17-5.91) \times (81.28+84.86) / 2$	-520.02		
				31.08	
G-26	R1	$(-12.51-13.67) \times (79.42+79.41) / 2$	92.12		
547.20		$(-9.38-12.51) \times (79.39+79.42) / 2$	248.54		
		$(-9.34-9.38) \times (80.00+79.39) / 2$	3.19		
		$(-4.20-9.34) \times (80.26+80.00) / 2$	411.87		
		$(-4.18-4.20) \times (80.98+80.26) / 2$	1.61		
		$(0.00-4.18) \times (81.00+80.98) / 2$	338.54		
		$(0.83-0.00) \times (81.00+81.00) / 2$	67.23		
		$(5.99-0.83) \times (81.75+81.00) / 2$	419.90		
		$(5.52-5.99) \times (83.80+83.80) / 2$	-39.39		
		$(4.50-5.52) \times (83.65+83.65) / 2$	-85.32		
		$(-4.50-4.50) \times (83.35+83.35) / 2$	-750.15		
		$(-5.42-4.50) \times (83.32+83.35) / 2$	-76.67		
		$(-4.90-5.42) \times (83.84+83.32) / 2$	43.46		
		$(-5.91-4.90) \times (83.84+83.84) / 2$	-84.68		
		$(-13.67-5.91) \times (79.41+83.84) / 2$	-633.41		
				43.16	
G-27	R1	$(-13.88-13.89) \times (78.35+78.38) / 2$	0.78		
565.20		$(-10.74-13.88) \times (78.86+78.35) / 2$	246.82		
		$(-9.00-10.74) \times (78.71+78.86) / 2$	137.09		
		$(-7.82-9.00) \times (79.09+78.71) / 2$	93.10		
		$(-7.79-7.82) \times (79.09+79.09) / 2$	2.37		
		$(-7.47-7.79) \times (79.00+79.09) / 2$	25.29		
		$(0.00-7.47) \times (80.00+79.00) / 2$	593.87		
		$(0.04-0.00) \times (80.26+80.00) / 2$	3.21		
		$(5.08-0.04) \times (81.00+80.26) / 2$	406.38		
		$(6.12-5.08) \times (81.07+81.00) / 2$	84.28		
		$(5.52-6.12) \times (82.90+82.90) / 2$	-49.74		
		$(4.50-5.52) \times (82.75+82.75) / 2$	-84.40		
		$(-4.50-4.50) \times (82.45+82.45) / 2$	-742.05		
		$(-5.42-4.50) \times (82.42+82.45) / 2$	-75.84		
		$(-4.90-5.42) \times (82.94+82.42) / 2$	42.99		
		$(-5.91-4.90) \times (82.94+82.94) / 2$	-83.77		
		$(-13.89-5.91) \times (78.38+82.94) / 2$	-643.67		
A RIPORTARE mq			43.29		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 11	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq	43.29	
G-28	R1	$(-7.84-14.48) \times (77.88+77.55) / 2$	516.03	43.29	
583.20		$(-6.35-7.84) \times (77.87+77.88) / 2$	116.03		
		$(-4.14-6.35) \times (77.78+77.87) / 2$	171.99		
		$(-4.12-4.14) \times (78.69+77.78) / 2$	1.56		
		$(-2.36-4.12) \times (79.00+78.69) / 2$	138.77		
		$(5.02-2.36) \times (80.00+79.00) / 2$	586.71		
		$(7.68-5.02) \times (80.45+80.00) / 2$	213.40		
		$(7.59-7.68) \times (81.14+81.14) / 2$	-7.30		
		$(5.91-7.59) \times (82.10+81.14) / 2$	-137.12		
		$(4.90-5.91) \times (82.10+82.10) / 2$	-82.92		
		$(5.42-4.90) \times (81.58+82.10) / 2$	42.56		
		$(4.50-5.42) \times (81.60+81.58) / 2$	-75.06		
		$(-4.50-4.50) \times (81.60+81.60) / 2$	-734.40		
		$(-5.42-4.50) \times (81.58+81.60) / 2$	-75.06		
		$(-4.70-5.42) \times (82.30+81.58) / 2$	59.00		
		$(-6.00-4.70) \times (82.40+82.40) / 2$	-107.12		
		$(-14.48-6.00) \times (77.55+82.40) / 2$	-678.19		
G-29	R1	$(-11.46-14.09) \times (77.01+76.74) / 2$	202.18	51.12	
601.20		$(-4.01-11.46) \times (76.86+77.01) / 2$	573.17		
		$(-3.96-4.01) \times (77.01+76.86) / 2$	3.85		
		$(-2.51-3.96) \times (76.85+77.01) / 2$	111.55		
		$(-1.67-2.51) \times (77.01+76.85) / 2$	64.62		
		$(2.05-1.67) \times (77.48+77.01) / 2$	287.35		
		$(2.07-2.05) \times (78.67+77.48) / 2$	1.56		
		$(4.81-2.07) \times (79.01+78.67) / 2$	216.02		
		$(8.70-4.81) \times (79.15+79.01) / 2$	307.62		
		$(8.61-8.70) \times (79.87+79.87) / 2$	-7.19		
		$(5.91-8.61) \times (81.41+79.87) / 2$	-217.73		
		$(4.90-5.91) \times (81.41+81.41) / 2$	-82.22		
		$(5.42-4.90) \times (80.90+81.41) / 2$	42.20		
		$(4.50-5.42) \times (80.92+80.90) / 2$	-74.44		
		$(-4.50-4.50) \times (80.92+80.92) / 2$	-728.28		
		$(-5.42-4.50) \times (80.90+80.92) / 2$	-74.44		
		$(-4.90-5.42) \times (81.41+80.90) / 2$	42.20		
		$(-5.91-4.90) \times (81.41+81.41) / 2$	-82.22		
		$(-8.61-5.91) \times (79.87+81.41) / 2$	-217.73		
		$(-14.09-8.61) \times (76.74+79.87) / 2$	-429.11		
G-30	R1	$(-5.21-6.20) \times (75.01+74.95) / 2$	74.23	61.04	
619.20		$(-4.74-5.21) \times (74.62+75.01) / 2$	35.16		
		$(-4.72-4.74) \times (76.04+74.62) / 2$	1.51		
		$(-3.85-4.72) \times (76.02+76.04) / 2$	66.15		
		$(-3.16-3.85) \times (76.19+76.02) / 2$	52.51		
		$(-3.09-3.16) \times (74.98+76.19) / 2$	5.29		
		$(-0.05-3.09) \times (76.13+74.98) / 2$	229.69		
		$(1.60-0.05) \times (76.02+76.13) / 2$	125.52		
		$(2.91-1.60) \times (77.08+76.02) / 2$	100.28		
		$(2.93-2.91) \times (77.58+77.08) / 2$	1.55		
		$(4.92-2.93) \times (78.01+77.58) / 2$	154.81		
			A RIPORTARE mq	846.70	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE AREE		Foglio n. 12	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	846.70
		$(7.62-4.92) \times (77.81+78.01) / 2$	210.36
		$(7.65-7.62) \times (78.67+77.81) / 2$	2.35
		$(9.54-7.65) \times (78.81+78.67) / 2$	148.82
		$(5.91-9.54) \times (80.89+78.81) / 2$	-289.86
		$(4.90-5.91) \times (80.89+80.89) / 2$	-81.70
		$(5.42-4.90) \times (80.37+80.89) / 2$	41.93
		$(4.50-5.42) \times (80.40+80.37) / 2$	-73.95
		$(-4.50-4.50) \times (80.40+80.40) / 2$	-723.60
		$(-5.42-4.50) \times (80.37+80.40) / 2$	-73.95
		$(-4.70-5.42) \times (81.09+80.37) / 2$	58.13
		$(-6.20-4.70) \times (81.19+81.19) / 2$	-121.79
G-31	R1	$(0.00-6.20) \times (74.12+74.06) / 2$	459.36
637.44		$(1.00-0.00) \times (74.37+74.12) / 2$	74.25
		$(1.30-1.00) \times (75.04+74.37) / 2$	22.41
		$(3.65-1.30) \times (75.45+75.04) / 2$	176.83
		$(3.67-3.65) \times (74.89+75.45) / 2$	1.50
		$(4.45-3.67) \times (75.14+74.89) / 2$	58.51
		$(5.95-4.45) \times (75.13+75.14) / 2$	112.70
		$(9.20-5.95) \times (76.05+75.13) / 2$	245.67
		$(10.37-9.20) \times (75.76+76.05) / 2$	88.81
		$(10.39-10.37) \times (76.97+75.76) / 2$	1.53
		$(11.71-10.39) \times (77.21+76.97) / 2$	101.76
		$(5.91-11.71) \times (80.53+77.21) / 2$	-457.45
		$(4.90-5.91) \times (80.53+80.53) / 2$	-81.34
		$(5.42-4.90) \times (80.01+80.53) / 2$	41.74
		$(4.50-5.42) \times (80.03+80.01) / 2$	-73.62
		$(-4.50-4.50) \times (80.03+80.03) / 2$	-720.27
		$(-4.70-4.50) \times (80.03+80.03) / 2$	-16.01
		$(-6.20-4.70) \times (80.83+80.83) / 2$	-121.25
			56.56
			84.87
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

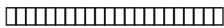
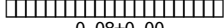
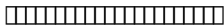
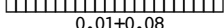
COMPUTO STERRI E RIPORTI											Foglio n. 13	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI				
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc			
G-2	R1		0.60	(26.75)	5.02		1.506					
				0.60*12.13	5.02							
				0.60+0.85								
G-3	S1	0.85		(38.88)	7.11	3.022						
G-2	S1	20.69		(26.75)	12.13	267.709						
G-3	S2	23.45		(38.88)								
								270.731		1.506		
G-3	S1	0.85		(38.88)								
	S2	23.45										
					15.00	382.725						
G-4	S1	26.73		(53.88)								
								382.725				
G-4	S1	26.73		(53.88)	19.95	459.648						
G-5	S1	19.35		(73.83)								
								459.648				
G-5	S1	19.35		(73.83)	24.08	395.273						
G-6	S1	13.48		(97.91)								
								395.273				
G-6	S1	13.48		(97.91)	23.20	313.084						
G-7	S1	13.38		(121.11)								
	S2	0.07										
	S2	0.06										
								313.084				
G-7	S1	13.38		(121.11)	27.05	315.809						
G-8	S1	9.89		(148.16)								
	S2	0.08										
G-7	S2	0.07		(121.11)	15.98	1.039						
	S2	0.06										
A RIPORTARE :						316.848		1821.461		1.506		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO STERRI E RIPORTI										Foglio n. 14	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)		DISTANZA	VOLUMI PARZIALI		VOLUMI TOTALI		
		STERRO	RIPORTO			m	STERRO	RIPORTO	STERRO	RIPORTO	
		mq	mq				mc	mc	mc	mc	
							RIPORTO :	316.848	1821.461	1.506	
					0.13*27.05						
						15.98					
					0.13+0.09						
G-8	R1		0.09	(148.16)		11.07		0.498			
									316.848	0.498	
G-8	S1	9.89		(148.16)		27.06	231.092				
G-9	S1	4.76		(175.22)							
	S2	2.43									
G-8	S2	0.08		(148.16)		27.06	1.082				
					0.08*27.06						
						27.06					
					0.08+0.00						
G-9	R1	0.00		(175.22)		0.00		0.000			
G-8	R1	0.09		(148.16)		27.06		2.571			
G-9	R2	0.01		(175.22)							
	R3	0.09									
									232.174	2.571	
G-9	S1	4.76		(175.22)		2.02	4.808				
					4.76*20.70						
						2.02					
					4.76+43.98						
G-10	R1	43.98		(195.92)		18.68		410.773			
G-9	S2	2.43		(175.22)							
G-10	S1	1.74		(195.92)		20.70	43.160				
G-9	R1	0.00		(175.22)							
	R2	0.01				2.30		0.012			
					0.01*20.70						
						2.30					
					0.01+0.08						
G-10	S2	0.08		(195.92)		18.40	0.736				
G-9	R3	0.09		(175.22)							
G-10	R2	0.12		(195.92)		20.70		2.173			
									48.704	412.958	
G-11	R1	62.60		(225.48)		16.96		1779.443			
G-12	R1	147.24		(242.44)							
							A RIPORTARE :	1779.443	2419.187	417.533	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

<i>Rev</i>	<i>Data</i>
F0	20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO STERRI E RIPORTI										Foglio n. 15	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
RIPORTO :						0.000	1779.443	2419.187	417.533		
										1779.443	
G-12	R1		147.24	(242.44)							
G-13	R1		162.72	(251.77)	9.33		1445.963			1445.963	
G-13	R1		162.72	(251.77)							
G-14	R1		141.98	(278.38)	26.61		4054.033			4054.033	
G-14	R1		141.98	(278.38)							
G-15	R1		150.60	(306.08)	27.70		4052.233			4052.233	
G-15	R1		150.60	(306.08)							
G-16	R1		141.23	(319.75)	13.67		1994.658			1994.658	
G-16	R1		141.23	(319.75)							
G-17	R1		139.65	(331.13)	11.38		1598.207			1598.207	
G-17	R1		139.65	(331.13)							
G-18	R1		127.29	(358.23)	27.10		3617.037			3617.037	
G-18	R1		127.29	(358.23)							
G-19	R1		120.37	(370.60)	12.37		1531.777			1531.777	
G-19	R1		120.37	(370.60)							
G-20	R1		153.08	(399.67)	29.07		3974.596			3974.596	
G-20	R1		153.08	(399.67)							
G-21	R1		21.09	(425.40)	25.73		2256.392			2256.392	
	R2		0.10								
A RIPORTARE :							2256.392	2419.187	24465.480		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

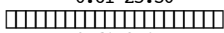
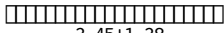
Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A G

COMPUTO STERRI E RIPORTI										Foglio n. 16	
N. SEZ.	FIG.	STERRO mq	RIPORTO mq	PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :	0.000	2256.392	2419.187	24465.480	
	R3		0.51								
	R4		0.61								2256.392
G-21	R1		21.09	(425.40)							
G-22	R1		8.50	(450.70)	25.30		374.314				
G-21	R2		0.10	(425.40)							
G-22	R0		0.00	(450.70)	25.30		1.265				
G-21	R3		0.51	(425.40)							
G-22	R2		0.21	(450.70)	25.30		9.108				
G-21	R4		0.61	(425.40)							
				0.61*25.30							
											
				0.61+3.45							
G-22	S1	3.45		(450.70)	21.50	37.087					
									37.087		385.846
G-22	R1		8.50	(450.70)							
G-23	R1		12.93	(475.86)	25.16		269.589				
G-22	R2		0.21	(450.70)							
G-23	R3		0.46	(475.86)	25.16		8.429				
G-22	S1	3.45		(450.70)							
				3.45*25.16							
											
				3.45+1.38							
G-23	R4		1.38	(475.86)	7.19		4.961				
G-22	R0		0.00	(450.70)							
G-23	R2		0.10	(475.86)	25.16		1.258				
									30.998		284.237
G-23	R1		12.93	(475.86)							
	R2		0.10								
	R3		0.46								
	R4		1.38								
G-24	R1		17.59	(501.20)	25.34		411.268				
											411.268
G-24	R1		17.59	(501.20)							
						A RIPORTARE :			2487.272	27803.223	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO STERRI E RIPORTI										Foglio n. 17	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :	0.000		2487.272	27803.223	
G-25	R1		31.08	(526.95)	25.75		626.626				626.626
G-25	R1		31.08	(526.95)	20.25		751.680				
G-26	R1		43.16	(547.20)							751.680
G-26	R1		43.16	(547.20)	18.00		778.050				
G-27	R1		43.29	(565.20)							778.050
G-27	R1		43.29	(565.20)	18.00		849.690				
G-28	R1		51.12	(583.20)							849.690
G-28	R1		51.12	(583.20)	18.00		1009.440				
G-29	R1		61.04	(601.20)							1009.440
G-29	R1		61.04	(601.20)	18.00		1058.400				
G-30	R1		56.56	(619.20)							1058.400
G-30	R1		56.56	(619.20)	18.24		1289.842				
G-31	R1		84.87	(637.44)							1289.842
Il Direttore dei Lavori						L'Impresa	Totale Articoli	2487.272	34166.951		
							A dedurre quantita' precedenti:				
							Quantita' da contabilizzare ...:				

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 18	
VEGETALE IN RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
G-2	C1	(-9.71-10.63)x(97.30+96.77)/2	89.27		
26.75		(-8.70-9.71)x(97.30+97.30)/2	98.27		
		(-8.50-8.70)x(97.50+97.30)/2	19.48		
		(-9.80-8.50)x(97.60+97.60)/2	-126.88		
		(-11.25-9.80)x(96.77+97.60)/2	-140.92		
		(-10.63-11.25)x(96.77+96.77)/2	60.00		
				0.78	
G-7	C1	(5.91-6.03)x(98.44+98.50)/2	-11.82		
121.11		(4.90-5.91)x(98.44+98.44)/2	-99.42		
		(4.70-4.90)x(98.64+98.44)/2	-19.71		
		(6.00-4.70)x(98.74+98.74)/2	128.36		
		(6.45-6.00)x(98.48+98.74)/2	44.37		
		(6.03-6.45)x(98.50+98.48)/2	-41.37		
				0.41	
G-8	C1	(5.91-6.05)x(98.69+98.61)/2	-13.81		
148.16		(4.90-5.91)x(98.69+98.69)/2	-99.68		
		(4.70-4.90)x(98.89+98.69)/2	-19.76		
		(6.00-4.70)x(98.99+98.99)/2	128.69		
		(6.66-6.00)x(98.62+98.99)/2	65.21		
		(6.05-6.66)x(98.61+98.62)/2	-60.16		
				0.49	
G-9	C1	(5.91-6.86)x(98.71+98.68)/2	-93.76		
175.22		(4.90-5.91)x(98.71+98.71)/2	-99.70		
		(4.70-4.90)x(98.91+98.71)/2	-19.76		
		(6.00-4.70)x(99.01+99.01)/2	128.71		
		(13.09-6.00)x(98.86+99.01)/2	701.45		
		(6.86-13.09)x(98.68+98.86)/2	-615.34		
				1.60	
G-9	C2	(-6.89-6.99)x(97.99+98.04)/2	9.80		
175.22		(-5.88-6.89)x(97.99+97.99)/2	98.97		
		(-5.68-5.88)x(98.19+97.99)/2	19.62		
		(-6.98-5.68)x(98.29+98.29)/2	-127.78		
		(-7.61-6.98)x(97.93+98.29)/2	-61.81		
		(-6.99-7.61)x(98.04+97.93)/2	60.75		
				0.45	
G-10	C1	(5.91-6.07)x(98.42+98.33)/2	-15.74		
195.92		(4.90-5.91)x(98.42+98.42)/2	-99.40		
		(4.70-4.90)x(98.62+98.42)/2	-19.70		
		(6.00-4.70)x(98.72+98.72)/2	128.34		
		(6.64-6.00)x(98.35+98.72)/2	63.06		
		(6.07-6.64)x(98.33+98.35)/2	-56.05		
				0.51	
G-11	C1	(6.27-10.69)x(97.55+97.55)/2	-431.17		
225.48		(5.91-6.27)x(97.76+97.55)/2	-35.16		
		(4.90-5.91)x(97.76+97.76)/2	-98.74		
		(4.70-4.90)x(97.96+97.76)/2	-19.57		
		(6.00-4.70)x(98.06+98.06)/2	127.48		
		(6.36-6.00)x(97.85+98.06)/2	35.26		
		(11.16-6.36)x(97.85+97.85)/2	469.68		
		(10.69-11.16)x(97.55+97.85)/2	-45.92		
				1.86	
G-12	C1	(-5.91-12.66)x(97.25+93.39)/2	643.41		
242.44		(-4.90-5.91)x(97.25+97.25)/2	98.22		
		A RIPORTARE mq	741.63		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				741.63		
			$(-4.70-4.90) \times (97.45+97.25) / 2$	19.47		
			$(-6.00-4.70) \times (97.55+97.55) / 2$	-126.81		
			$(-12.66-6.00) \times (93.74+97.55) / 2$	-637.00		
G-12	C2		$(12.01-5.52) \times (97.51+97.51) / 2$	632.84	2.71	
242.44			$(5.52-12.01) \times (97.21+97.21) / 2$	-630.89		
G-13	C1		$(11.09-5.52) \times (97.24+97.24) / 2$	541.63	1.95	
251.77			$(5.52-11.09) \times (96.94+96.94) / 2$	-539.96		
G-13	C2		$(-16.66-23.34) \times (91.99+88.17) / 2$	601.73	1.67	
251.77			$(-14.66-16.66) \times (91.99+91.99) / 2$	183.98		
			$(-5.91-14.66) \times (96.99+91.99) / 2$	826.79		
			$(-4.90-5.91) \times (96.99+96.99) / 2$	97.96		
			$(-4.70-4.90) \times (97.19+96.99) / 2$	19.42		
			$(-6.00-4.70) \times (97.29+97.29) / 2$	-126.48		
			$(-14.75-6.00) \times (92.29+97.29) / 2$	-829.41		
			$(-16.75-14.75) \times (92.29+92.29) / 2$	-184.58		
			$(-23.63-16.75) \times (88.35+92.29) / 2$	-621.40		
			$(-23.34-23.63) \times (88.17+88.35) / 2$	25.60		
G-14	C1		$(9.33-5.52) \times (96.34+96.34) / 2$	367.06	6.39	
278.38			$(5.52-9.33) \times (96.04+96.04) / 2$	-365.91		
G-14	C2		$(-16.66-20.85) \times (91.20+88.81) / 2$	377.12	1.15	
278.38			$(-14.66-16.66) \times (91.20+91.20) / 2$	182.40		
			$(-5.91-14.66) \times (96.20+91.20) / 2$	819.88		
			$(-4.90-5.91) \times (96.20+96.20) / 2$	97.16		
			$(-4.70-4.90) \times (96.40+96.20) / 2$	19.26		
			$(-6.00-4.70) \times (96.50+96.50) / 2$	-125.45		
			$(-14.75-6.00) \times (91.50+96.50) / 2$	-822.50		
			$(-16.75-14.75) \times (91.50+91.50) / 2$	-183.00		
			$(-21.27-16.75) \times (88.92+91.50) / 2$	-407.75		
			$(-20.85-21.27) \times (88.81+88.92) / 2$	37.32		
G-15	C1		$(9.31-5.52) \times (95.12+95.12) / 2$	360.50	5.56	
306.08			$(5.52-9.31) \times (94.82+94.82) / 2$	-359.37		
G-15	C2		$(-16.66-22.48) \times (90.25+86.92) / 2$	515.56	1.13	
306.08			$(-14.66-16.66) \times (90.25+90.25) / 2$	180.50		
			$(-5.91-14.66) \times (95.25+90.25) / 2$	811.56		
			$(-4.90-5.91) \times (95.25+95.25) / 2$	96.20		
			$(-4.70-4.90) \times (95.45+95.25) / 2$	19.07		
			$(-6.00-4.70) \times (95.55+95.55) / 2$	-124.21		
			$(-14.75-6.00) \times (90.55+95.55) / 2$	-814.19		
			$(-16.75-14.75) \times (90.55+90.55) / 2$	-181.10		
			$(-23.07-16.75) \times (86.94+90.55) / 2$	-560.87		
			$(-22.48-23.07) \times (86.92+86.94) / 2$	51.29		
G-16	C1		$(9.13-5.52) \times (94.55+94.55) / 2$	341.33	6.19	
319.75			$(5.52-9.13) \times (94.25+94.25) / 2$	-340.24		
A RIPORTARE mq				1.09		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 20	
VEGETALE IN RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			1.09		
G-16	C2	(-16.66—23.59)x(89.68+85.71)/2	607.73	1.09	
319.75		(-14.66—16.66)x(89.68+89.68)/2	179.36		
		(-5.91—14.66)x(94.68+89.68)/2	806.58		
		(-4.90—5.91)x(94.68+94.68)/2	95.63		
		(-4.70—4.90)x(94.88+94.68)/2	18.96		
		(-6.00—4.70)x(94.98+94.98)/2	-123.47		
		(-14.75—6.00)x(89.98+94.98)/2	-809.20		
		(-16.75—14.75)x(89.98+89.98)/2	-179.96		
		(-24.24—16.75)x(85.69+89.98)/2	-657.88		
		(-23.59—24.24)x(85.71+85.69)/2	55.70		
G-17	C1	(8.84—5.52)x(94.07+94.07)/2	312.31	6.55	
331.13		(5.52—8.84)x(93.77+93.77)/2	-311.32		
G-17	C2	(-16.66—22.54)x(89.20+85.84)/2	514.62	0.99	
331.13		(-14.66—16.66)x(89.20+89.20)/2	178.40		
		(-5.91—14.66)x(94.20+89.20)/2	802.38		
		(-4.90—5.91)x(94.20+94.20)/2	95.14		
		(-4.70—4.90)x(94.40+94.20)/2	18.86		
		(-6.00—4.70)x(94.50+94.50)/2	-122.85		
		(-14.75—6.00)x(89.50+94.50)/2	-805.00		
		(-16.75—14.75)x(89.50+89.50)/2	-179.00		
		(-23.19—16.75)x(85.82+89.50)/2	-564.53		
		(-22.54—23.19)x(85.84+85.82)/2	55.79		
G-18	C1	(7.80—5.52)x(93.01+93.01)/2	212.06	6.19	
358.23		(5.52—7.80)x(92.71+92.71)/2	-211.38		
G-18	C2	(-16.66—21.94)x(87.95+84.93)/2	456.40	0.68	
358.23		(-14.66—16.66)x(87.95+87.95)/2	175.90		
		(-5.91—14.66)x(92.95+87.95)/2	791.44		
		(-4.90—5.91)x(92.95+92.95)/2	93.88		
		(-4.70—4.90)x(93.15+92.95)/2	18.61		
		(-6.00—4.70)x(93.25+93.25)/2	-121.22		
		(-14.75—6.00)x(88.25+93.25)/2	-794.06		
		(-16.75—14.75)x(88.25+88.25)/2	-176.50		
		(-22.60—16.75)x(84.91+88.25)/2	-506.49		
		(-21.94—22.60)x(84.93+84.91)/2	56.05		
G-19	C1	(7.21—5.52)x(92.49+92.49)/2	156.31	5.99	
370.60		(5.52—7.21)x(92.19+92.19)/2	-155.80		
G-19	C2	(-16.66—21.47)x(87.34+84.60)/2	413.52	0.51	
370.60		(-14.66—16.66)x(87.34+87.34)/2	174.68		
		(-5.91—14.66)x(92.34+87.34)/2	786.10		
		(-4.90—5.91)x(92.34+92.34)/2	93.26		
		(-4.70—4.90)x(92.54+92.34)/2	18.49		
		(-6.00—4.70)x(92.64+92.64)/2	-120.43		
		(-14.75—6.00)x(87.64+92.64)/2	-788.73		
		(-16.75—14.75)x(87.64+87.64)/2	-175.28		
A RIPORTARE mq			401.61		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 21	
VEGETALE IN RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			401.61		
		$(-22.14-16.75) \times (84.56+87.64) / 2$	-464.08		
		$(-21.47-22.14) \times (84.60+84.56) / 2$	56.67		
G-20	C1	$(6.40-5.52) \times (91.26+91.26) / 2$	80.31	5.80	
399.67		$(5.52-6.40) \times (90.96+90.96) / 2$	-80.04		
G-20	C2	$(-16.66-25.50) \times (86.01+80.96) / 2$	738.01	0.27	
399.67		$(-14.66-16.66) \times (86.01+86.01) / 2$	172.02		
		$(-5.91-14.66) \times (91.01+86.01) / 2$	774.46		
		$(-4.90-5.91) \times (91.01+91.01) / 2$	91.92		
		$(-4.70-4.90) \times (91.21+91.01) / 2$	18.22		
		$(-6.00-4.70) \times (91.31+91.31) / 2$	-118.70		
		$(-14.75-6.00) \times (86.31+91.31) / 2$	-777.09		
		$(-16.75-14.75) \times (86.31+86.31) / 2$	-172.62		
		$(-26.20-16.75) \times (80.91+86.31) / 2$	-790.11		
		$(-25.50-26.20) \times (80.96+80.91) / 2$	56.65	7.24	
G-21	C1	$(6.46-5.52) \times (90.12+90.12) / 2$	84.71		
425.40		$(5.52-6.46) \times (89.82+89.82) / 2$	-84.43	0.28	
G-21	C2	$(-5.91-12.59) \times (89.87+86.05) / 2$	587.57		
425.40		$(-4.90-5.91) \times (89.87+89.87) / 2$	90.77		
		$(-4.70-4.90) \times (90.07+89.87) / 2$	17.99		
		$(-6.00-4.70) \times (90.17+90.17) / 2$	-117.22		
		$(-13.30-6.00) \times (86.00+90.17) / 2$	-643.02		
		$(-12.59-13.30) \times (86.05+86.00) / 2$	61.08	2.83	
G-22	C1	$(-5.91-9.64) \times (88.66+86.53) / 2$	326.73		
450.70		$(-4.90-5.91) \times (88.66+88.66) / 2$	89.55		
		$(-4.70-4.90) \times (88.86+88.66) / 2$	17.75		
		$(-6.00-4.70) \times (88.96+88.96) / 2$	-115.65		
		$(-10.39-6.00) \times (86.46+88.96) / 2$	-385.05		
		$(-9.64-10.39) \times (86.53+86.46) / 2$	64.87	1.80	
G-23	C1	$(8.99-5.52) \times (88.00+88.00) / 2$	305.36		
475.86		$(5.52-8.99) \times (87.70+87.70) / 2$	-304.32	1.04	
G-23	C2	$(-5.91-10.29) \times (87.29+84.79) / 2$	376.86		
475.86		$(-4.90-5.91) \times (87.29+87.29) / 2$	88.16		
		$(-4.70-4.90) \times (87.49+87.29) / 2$	17.48		
		$(-6.00-4.70) \times (87.59+87.59) / 2$	-113.87		
		$(-11.20-6.00) \times (84.62+87.59) / 2$	-447.75		
		$(-10.29-11.20) \times (84.79+84.62) / 2$	77.08	2.04	
G-24	C1	$(10.09-5.52) \times (86.73+86.73) / 2$	396.36		
501.20		$(5.52-10.09) \times (86.43+86.43) / 2$	-394.99	1.37	
G-24	C2	$(-5.91-8.66) \times (86.03+84.46) / 2$	234.42		
501.20		$(-4.90-5.91) \times (86.03+86.03) / 2$	86.89		
		$(-4.70-4.90) \times (86.23+86.03) / 2$	17.23		
		$(-6.00-4.70) \times (86.33+86.33) / 2$	-112.23		
A RIPORTARE mq			226.31		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE AREE		Foglio n. 22	
VEGETALE IN RILEVATO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	226.31
		$(-9.28-6.00) \times (84.45+86.33) / 2$	-280.08
		$(-8.66-9.28) \times (84.46+84.45) / 2$	52.36
			1.41
G-25	C1	$(6.08-5.52) \times (85.28+85.28) / 2$	47.76
526.95		$(5.52-6.08) \times (84.98+84.98) / 2$	-47.59
			0.17
G-25	C2	$(-5.91-12.17) \times (84.86+81.28) / 2$	520.02
526.95		$(-4.90-5.91) \times (84.86+84.86) / 2$	85.71
		$(-4.70-4.90) \times (85.06+84.86) / 2$	16.99
		$(-6.00-4.70) \times (85.16+85.16) / 2$	-110.71
		$(-12.87-6.00) \times (81.23+85.16) / 2$	-571.55
		$(-12.17-12.87) \times (81.28+81.23) / 2$	56.88
			2.66
G-26	C1	$(5.99-5.52) \times (84.10+84.10) / 2$	39.53
547.20		$(5.52-5.99) \times (83.80+83.80) / 2$	-39.39
			0.14
G-26	C2	$(-5.91-13.67) \times (83.84+79.41) / 2$	633.41
547.20		$(-4.90-5.91) \times (83.84+83.84) / 2$	84.68
		$(-4.70-4.90) \times (84.04+83.84) / 2$	16.79
		$(-6.00-4.70) \times (84.14+84.14) / 2$	-109.38
		$(-14.44-6.00) \times (79.32+84.14) / 2$	-689.80
		$(-13.67-14.44) \times (79.41+79.32) / 2$	61.11
			3.19
G-27	C1	$(6.12-5.52) \times (83.20+83.20) / 2$	49.92
565.20		$(5.52-6.12) \times (82.90+82.90) / 2$	-49.74
			0.18
G-27	C2	$(-5.91-13.89) \times (82.94+78.38) / 2$	643.67
565.20		$(-4.90-5.91) \times (82.94+82.94) / 2$	83.77
		$(-4.70-4.90) \times (83.14+82.94) / 2$	16.61
		$(-6.00-4.70) \times (83.24+83.24) / 2$	-108.21
		$(-14.37-6.00) \times (78.46+83.24) / 2$	-676.71
		$(-13.89-14.37) \times (78.38+78.46) / 2$	37.64
			3.23
G-28	C1	$(-5.91-13.80) \times (82.10+77.59) / 2$	629.98
583.20		$(-4.90-5.91) \times (82.10+82.10) / 2$	82.92
		$(-4.70-4.90) \times (82.30+82.10) / 2$	16.44
		$(-6.00-4.70) \times (82.40+82.40) / 2$	-107.12
		$(-14.48-6.00) \times (77.55+82.40) / 2$	-678.19
		$(-13.80-14.48) \times (77.59+77.55) / 2$	52.75
			3.22
G-28	C2	$(5.91-7.59) \times (82.10+81.14) / 2$	-137.12
583.20		$(4.90-5.91) \times (82.10+82.10) / 2$	-82.92
		$(4.70-4.90) \times (82.30+82.10) / 2$	-16.44
		$(6.00-4.70) \times (82.40+82.40) / 2$	107.12
		$(7.68-6.00) \times (81.44+82.40) / 2$	137.63
		$(7.59-7.68) \times (81.14+81.14) / 2$	-7.30
			0.97
G-29	C1	$(-5.91-14.09) \times (81.41+76.74) / 2$	646.83
601.20		$(-4.90-5.91) \times (81.41+81.41) / 2$	82.22
		$(-4.70-4.90) \times (81.61+81.41) / 2$	16.30
		$(-6.00-4.70) \times (81.71+81.71) / 2$	-106.22
		A RIPORTARE mq	639.13

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE AREE		Foglio n. 23	
VEGETALE IN RILEVATO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	639.13
		$(-14.84-6.00) \times (76.66+81.71) / 2$	-700.00
		$(-14.09-14.84) \times (76.74+76.66) / 2$	57.52
			3.35
G-29	C2	$(5.91-8.61) \times (81.41+79.87) / 2$	-217.73
601.20		$(4.90-5.91) \times (81.41+81.41) / 2$	-82.22
		$(4.70-4.90) \times (81.61+81.41) / 2$	-16.30
		$(6.00-4.70) \times (81.71+81.71) / 2$	106.22
		$(8.70-6.00) \times (80.17+81.71) / 2$	218.54
		$(8.61-8.70) \times (79.87+79.87) / 2$	-7.19
			1.32
G-30	C1	$(5.91-9.54) \times (80.89+78.81) / 2$	-289.86
619.20		$(4.90-5.91) \times (80.89+80.89) / 2$	-81.70
		$(4.70-4.90) \times (81.09+80.89) / 2$	-16.20
		$(6.00-4.70) \times (81.19+81.19) / 2$	105.55
		$(10.09-6.00) \times (78.86+81.19) / 2$	327.30
		$(9.54-10.09) \times (78.81+78.86) / 2$	-43.36
			1.73
G-31	C1	$(5.91-11.71) \times (80.53+77.21) / 2$	-457.45
637.44		$(4.90-5.91) \times (80.53+80.53) / 2$	-81.34
		$(4.70-4.90) \times (80.73+80.53) / 2$	-16.13
		$(6.00-4.70) \times (80.83+80.83) / 2$	105.08
		$(12.18-6.00) \times (77.29+80.83) / 2$	488.59
		$(11.71-12.18) \times (77.21+77.29) / 2$	-36.31
			2.44
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 24	
VEGETALE IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
G-2	F1	(10.92-11.65)x(97.25+97.66)/2	-71.14		
26.75		(9.61-10.92)x(97.25+97.25)/2	-127.40		
		(10.83-9.61)x(97.55+97.55)/2	119.01		
		(11.07-10.83)x(97.68+97.55)/2	23.43		
		(11.65-11.07)x(97.66+97.68)/2	56.65		
				0.55	
G-3	F1	(-6.66-10.96)x(97.17+96.58)/2	416.56		
38.88		(-5.66-6.66)x(97.17+97.17)/2	97.17		
		(-5.46-5.66)x(97.37+97.17)/2	19.45		
		(-6.76-5.46)x(97.47+97.47)/2	-126.71		
		(-10.10-6.76)x(97.00+97.47)/2	-324.76		
		(-10.96-10.10)x(96.58+97.00)/2	-83.24		
				1.53	
G-3	F2	(7.11-13.71)x(97.16+97.55)/2	-642.54		
38.88		(6.10-7.11)x(97.16+97.16)/2	-98.13		
		(5.90-6.10)x(97.36+97.16)/2	-19.45		
		(7.20-5.90)x(97.46+97.46)/2	126.70		
		(11.76-7.20)x(97.73+97.46)/2	445.03		
		(13.71-11.76)x(97.55+97.73)/2	190.40		
				2.01	
G-4	F1	(-5.91-12.00)x(97.07+96.68)/2	589.97		
53.88		(-4.90-5.91)x(97.07+97.07)/2	98.04		
		(-4.70-4.90)x(97.27+97.07)/2	19.43		
		(-6.00-4.70)x(97.37+97.37)/2	-126.58		
		(-11.63-6.00)x(97.00+97.37)/2	-547.15		
		(-12.00-11.63)x(96.68+97.00)/2	-35.83		
				2.12	
G-4	F2	(5.91-10.97)x(97.07+97.92)/2	-493.32		
53.88		(4.90-5.91)x(97.07+97.07)/2	-98.04		
		(4.70-4.90)x(97.27+97.07)/2	-19.43		
		(6.00-4.70)x(97.37+97.37)/2	126.58		
		(9.32-6.00)x(97.95+97.37)/2	324.23		
		(10.97-9.32)x(97.92+97.95)/2	161.59		
				1.61	
G-5	F1	(-5.91-7.90)x(97.14+98.28)/2	194.44		
73.83		(-4.90-5.91)x(97.14+97.14)/2	98.11		
		(-4.70-4.90)x(97.34+97.14)/2	19.45		
		(-6.00-4.70)x(97.44+97.44)/2	-126.67		
		(-7.47-6.00)x(98.29+97.44)/2	-143.86		
		(-7.90-7.47)x(98.28+98.29)/2	-42.26		
				0.79	
G-5	F2	(5.91-7.25)x(97.28+98.04)/2	-130.86		
73.83		(4.90-5.91)x(97.28+97.28)/2	-98.25		
		(4.70-4.90)x(97.48+97.28)/2	-19.48		
		(6.00-4.70)x(97.58+97.58)/2	126.85		
		(6.85-6.00)x(98.06+97.58)/2	83.15		
		(7.25-6.85)x(98.04+98.06)/2	39.22		
				0.63	
G-6	F1	(-6.08-7.45)x(97.52+98.31)/2	134.14		
97.91		(-4.90-6.08)x(97.52+97.52)/2	115.07		
		(-4.70-4.90)x(97.72+97.52)/2	19.52		
		(-6.00-4.70)x(97.82+97.82)/2	-127.17		
		(-6.86-6.00)x(98.31+97.82)/2	-84.34		
		A RIPORTARE mq	57.22		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 25	
VEGETALE IN TRINCEA					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			57.22		
		$(-7.45-6.86) \times (98.31+98.31) / 2$	-58.00		
G-6	F2	$(5.91-8.11) \times (97.87+98.42) / 2$	-215.92	0.78	
97.91		$(4.90-5.91) \times (97.87+97.87) / 2$	-98.85		
		$(4.70-4.90) \times (98.07+97.87) / 2$	-19.59		
		$(6.00-4.70) \times (98.17+98.17) / 2$	127.62		
		$(6.32-6.00) \times (98.25+98.17) / 2$	31.43		
		$(8.11-6.32) \times (98.42+98.25) / 2$	176.02		
G-7	F1	$(-6.17-13.71) \times (97.77+98.00) / 2$	738.05	0.71	
121.11		$(-5.16-6.17) \times (97.77+97.77) / 2$	98.75		
		$(-4.96-5.16) \times (97.97+97.77) / 2$	19.57		
		$(-6.26-4.96) \times (98.07+98.07) / 2$	-127.49		
		$(-12.54-6.26) \times (98.26+98.07) / 2$	-616.48		
		$(-13.71-12.54) \times (98.00+98.26) / 2$	-114.81		
G-8	F1	$(-6.70-12.30) \times (97.99+98.00) / 2$	548.77	2.41	
148.16		$(-5.69-6.70) \times (97.99+97.99) / 2$	98.97		
		$(-5.49-5.69) \times (98.19+97.99) / 2$	19.62		
		$(-6.79-5.49) \times (98.29+98.29) / 2$	-127.78		
		$(-11.26-6.79) \times (98.30+98.29) / 2$	-439.38		
		$(-12.30-11.26) \times (98.00+98.30) / 2$	-102.08		
G-22	F1	$(7.34-9.60) \times (88.79+90.29) / 2$	-202.36	1.88	
450.70		$(5.52-7.34) \times (88.79+88.79) / 2$	-161.60		
		$(7.25-5.52) \times (89.09+89.09) / 2$	154.13		
		$(8.95-7.25) \times (90.22+89.09) / 2$	152.41		
		$(9.60-8.95) \times (90.29+90.22) / 2$	58.67	1.25	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE AREE		Foglio n. 26	
GRADONATURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
G-11	D1	$(-0.38-1.55) \times (90.38+89.65) / 2$	105.32		
225.48		$(-1.55-0.38) \times (89.65+89.65) / 2$	-104.89		
G-11	D2	$(1.21-0.38) \times (91.38+90.38) / 2$	144.50	0.43	
225.48		$(-0.38-1.21) \times (90.38+90.38) / 2$	-143.70		
G-11	D3	$(2.81-1.21) \times (92.38+91.38) / 2$	147.01	0.80	
225.48		$(1.21-2.81) \times (91.38+91.38) / 2$	-146.21		
G-11	D4	$(4.41-2.81) \times (93.38+92.38) / 2$	148.61	0.80	
225.48		$(2.81-4.41) \times (92.38+92.38) / 2$	-147.81		
G-11	D5	$(6.00-4.41) \times (94.38+93.38) / 2$	149.27	0.80	
225.48		$(4.41-6.00) \times (93.38+93.38) / 2$	-148.47		
G-11	D6	$(7.60-6.00) \times (95.38+94.38) / 2$	151.81	0.80	
225.48		$(6.00-7.60) \times (94.38+94.38) / 2$	-151.01		
G-11	D7	$(9.20-7.60) \times (96.38+95.38) / 2$	153.41	0.80	
225.48		$(7.60-9.20) \times (95.38+95.38) / 2$	-152.61		
G-11	D8	$(10.79-9.20) \times (97.38+96.38) / 2$	154.04	0.80	
225.48		$(9.20-10.79) \times (96.38+96.38) / 2$	-153.24		
G-12	D1	$(5.12-5.08) \times (91.64+90.83) / 2$	3.65		
242.44		$(5.26-5.12) \times (91.82+91.64) / 2$	12.84		
		$(5.28-5.26) \times (91.83+91.82) / 2$	1.84		
		$(5.08-5.28) \times (90.83+90.83) / 2$	-18.17		
G-12	D2	$(8.22-5.28) \times (92.60+91.83) / 2$	271.11	0.16	
242.44		$(9.62-8.22) \times (92.81+92.60) / 2$	129.79		
		$(9.67-9.62) \times (92.83+92.81) / 2$	4.64		
		$(5.28-9.67) \times (91.83+91.83) / 2$	-403.13		
G-12	D3	$(11.98-9.67) \times (93.81+92.83) / 2$	215.57	2.41	
242.44		$(12.06-11.98) \times (93.83+93.81) / 2$	7.51		
		$(9.67-12.06) \times (92.83+92.83) / 2$	-221.86		
G-13	D1	$(2.00-0.71) \times (90.19+89.80) / 2$	243.89	1.22	
251.77		$(2.03-2.00) \times (90.77+90.19) / 2$	2.71		
		$(-0.71-2.03) \times (89.80+89.80) / 2$	-246.05		
G-13	D2	$(3.78-2.03) \times (91.77+90.88) / 2$	159.82	0.55	
251.77		$(2.03-3.78) \times (90.77+90.77) / 2$	-158.85		
G-13	D3	$(3.85-3.78) \times (91.81+91.77) / 2$	6.43	0.97	
251.77		$(11.12-3.85) \times (92.77+91.81) / 2$	670.95		
		$(3.78-11.12) \times (91.77+91.77) / 2$	-673.59		
G-14	D1	$(3.94-2.96) \times (90.53+90.36) / 2$	88.64	3.79	
278.38		$(2.96-3.94) \times (90.36+90.36) / 2$	-88.55		
G-14	D2	$(5.49-3.94) \times (90.80+90.53) / 2$	140.53	0.09	
A RIPORTARE mq			140.53		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE AREE		Foglio n. 27	
GRADONATURA			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	
278.38		(9.37-5.49)x(91.53+90.80)/2 (3.94-9.37)x(90.53+90.53)/2	353.72 -491.58
G-15	01	(6.08-6.07)x(90.20+89.39)/2	0.90
306.08		(9.32-6.08)x(90.39+90.20)/2 (6.07-9.32)x(89.39+89.39)/2	292.56 -290.52
G-16	01	(-0.89-0.90)x(88.30+88.06)/2	0.88
319.75		(-0.85-0.89)x(88.31+88.30)/2 (-0.90-0.85)x(88.06+88.06)/2	3.53 -4.40
G-16	02	(4.16-0.85)x(89.31+88.31)/2	444.94
319.75		(-0.85-4.16)x(88.31+88.31)/2	-442.43
G-16	03	(9.17-4.16)x(90.31+89.31)/2	449.95
319.75		(4.16-9.17)x(89.31+89.31)/2	-447.44
G-30	01	(-5.28-6.19)x(74.81+74.75)/2	68.05
619.20		(-5.05-5.28)x(74.61+74.81)/2 (-6.19-5.05)x(74.61+74.61)/2	17.18 -85.06
G-30	02	(-3.83-4.52)x(75.82+75.84)/2	52.32
619.20		(-3.35-3.83)x(75.94+75.82)/2 (-3.33-3.35)x(75.61+75.94)/2 (-4.52-3.33)x(75.61+75.61)/2	36.42 1.52 -89.98
G-30	03	(-0.02-0.85)x(75.93+75.61)/2	62.89
619.20		(1.67-0.02)x(75.82+75.93)/2 (2.65-1.67)x(76.61+75.82)/2 (-0.85-2.65)x(75.61+75.61)/2	128.23 74.69 -264.63
G-30	04	(3.11-2.65)x(76.98+76.61)/2	35.33
619.20		(3.12-3.11)x(77.42+76.98)/2 (4.03-3.12)x(77.61+77.42)/2 (2.65-4.03)x(76.61+76.61)/2	0.77 70.54 -105.72
G-30	05	(4.93-4.03)x(77.81+77.61)/2	69.94
619.20		(7.59-4.93)x(77.61+77.81)/2 (4.03-7.59)x(77.61+77.61)/2	206.71 -276.29
G-30	06	(7.84-7.82)x(78.48+77.61)/2	1.56
619.20		(9.56-7.84)x(78.61+78.48)/2 (7.82-9.56)x(77.61+77.61)/2	135.10 -135.04
G-31	01	(1.44-1.18)x(74.86+74.28)/2	19.39
637.44		(2.32-1.44)x(75.01+74.86)/2 (1.18-2.32)x(74.28+74.28)/2	65.94 -84.68
G-31	02	(3.46-2.32)x(75.21+75.01)/2	85.63
637.44		(3.47-3.46)x(75.01+75.21)/2 (2.32-3.47)x(75.01+75.01)/2	0.75 -86.26
		A RIPORTARE mq	0.12

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				0.12		
G-31	03		(9.20-6.28)x(75.84+75.01)/2	220.24	0.12	
637.44			(10.57-9.20)x(75.51+75.84)/2	103.67		
			(6.28-10.57)x(75.01+75.01)/2	-321.79		
G-31	04		(10.59-10.57)x(76.80+76.01)/2	1.53	2.12	
637.44			(11.75-10.59)x(77.01+76.80)/2	89.21		
			(10.57-11.75)x(76.01+76.01)/2	-89.69	1.05	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 29	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
G-2	a1	$^1((-9.80-8.50)^2+(97.60-97.60)^2)$	1.30		
26.75		$^1((-11.25-9.80)^2+(96.77-97.60)^2)$	1.67	2.97	
G-7	a1	$^1((6.00-4.70)^2+(98.74-98.74)^2)$	1.30		
121.11		$^1((6.45-6.00)^2+(98.48-98.74)^2)$	0.52	1.82	
G-8	a1	$^1((6.00-4.70)^2+(98.99-98.99)^2)$	1.30		
148.16		$^1((6.66-6.00)^2+(98.62-98.99)^2)$	0.76	2.06	
G-9	a1	$^1((-6.98-5.68)^2+(98.29-98.29)^2)$	1.30		
175.22		$^1((-7.61-6.98)^2+(97.93-98.29)^2)$	0.73	2.03	
G-9	a2	$^1((6.00-4.70)^2+(99.01-99.01)^2)$	1.30		
175.22		$^1((13.09-6.00)^2+(98.86-99.01)^2)$	7.09	8.39	
G-10	a1	$^1((6.00-4.70)^2+(98.72-98.72)^2)$	1.30		
195.92		$^1((6.64-6.00)^2+(98.35-98.72)^2)$	0.74	2.04	
G-11	a1	$^1((6.00-4.70)^2+(98.06-98.06)^2)$	1.30		
225.48		$^1((6.36-6.00)^2+(97.85-98.06)^2)$	0.42		
		$^1((11.16-6.36)^2+(97.85-97.85)^2)$	4.80	6.52	
G-12	a1	$^1((-6.00-4.70)^2+(97.55-97.55)^2)$	1.30		
242.44		$^1((-12.66-6.00)^2+(93.74-97.55)^2)$	7.67	8.97	
G-12	a2	$^1((12.01-5.52)^2+(97.51-97.51)^2)$	6.49	6.49	
G-13	a1	$^1((-6.00-4.70)^2+(97.29-97.29)^2)$	1.30		
251.77		$^1((-14.75-6.00)^2+(92.29-97.29)^2)$	10.08		
		$^1((-16.75-14.75)^2+(92.29-92.29)^2)$	2.00		
		$^1((-23.63-16.75)^2+(88.35-92.29)^2)$	7.93	21.31	
G-13	a2	$^1((11.09-5.52)^2+(97.24-97.24)^2)$	5.57	5.57	
G-14	a1	$^1((-6.00-4.70)^2+(96.50-96.50)^2)$	1.30		
278.38		$^1((-14.75-6.00)^2+(91.50-96.50)^2)$	10.08		
		$^1((-16.75-14.75)^2+(91.50-91.50)^2)$	2.00		
		$^1((-21.27-16.75)^2+(88.92-91.50)^2)$	5.20	18.58	
G-14	a2	$^1((9.33-5.52)^2+(96.34-96.34)^2)$	3.81	3.81	
G-15	a1	$^1((-6.00-4.70)^2+(95.55-95.55)^2)$	1.30		
306.08		$^1((-14.75-6.00)^2+(90.55-95.55)^2)$	10.08		
		$^1((-16.75-14.75)^2+(90.55-90.55)^2)$	2.00		
		$^1((-23.07-16.75)^2+(86.94-90.55)^2)$	7.28	20.66	
G-15	a2	$^1((9.31-5.52)^2+(95.12-95.12)^2)$	3.79	3.79	
G-16	a1	$^1((-6.00-4.70)^2+(94.98-94.98)^2)$	1.30		
319.75		$^1((-14.75-6.00)^2+(89.98-94.98)^2)$	10.08		
		$^1((-16.75-14.75)^2+(89.98-89.98)^2)$	2.00		
		$^1((-24.24-16.75)^2+(85.69-89.98)^2)$	8.63	22.01	
A RIPORTARE ml					

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 30	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml					
G-16	a2	$^1((9.13-5.52)^2+(94.55-94.55)^2)$	3.61		
				3.61	
G-17	a1	$^1((-6.00-4.70)^2+(94.50-94.50)^2)$	1.30		
331.13		$^1((-14.75-6.00)^2+(89.50-94.50)^2)$	10.08		
		$^1((-16.75-14.75)^2+(89.50-89.50)^2)$	2.00		
		$^1((-23.19-16.75)^2+(85.82-89.50)^2)$	7.42		
				20.80	
G-17	a2	$^1((8.84-5.52)^2+(94.07-94.07)^2)$	3.32		
				3.32	
G-18	a1	$^1((-6.00-4.70)^2+(93.25-93.25)^2)$	1.30		
358.23		$^1((-14.75-6.00)^2+(88.25-93.25)^2)$	10.08		
		$^1((-16.75-14.75)^2+(88.25-88.25)^2)$	2.00		
		$^1((-22.60-16.75)^2+(84.91-88.25)^2)$	6.74		
				20.12	
G-18	a2	$^1((7.80-5.52)^2+(93.01-93.01)^2)$	2.28		
				2.28	
G-19	a1	$^1((-6.00-4.70)^2+(92.64-92.64)^2)$	1.30		
370.60		$^1((-14.75-6.00)^2+(87.64-92.64)^2)$	10.08		
		$^1((-16.75-14.75)^2+(87.64-87.64)^2)$	2.00		
		$^1((-22.14-16.75)^2+(84.56-87.64)^2)$	6.21		
				19.59	
G-19	a2	$^1((7.21-5.52)^2+(92.49-92.49)^2)$	1.69		
				1.69	
G-20	a1	$^1((-6.00-4.70)^2+(91.31-91.31)^2)$	1.30		
399.67		$^1((-14.75-6.00)^2+(86.31-91.31)^2)$	10.08		
		$^1((-16.75-14.75)^2+(86.31-86.31)^2)$	2.00		
		$^1((-26.20-16.75)^2+(80.91-86.31)^2)$	10.88		
				24.26	
G-20	a2	$^1((6.40-5.52)^2+(91.26-91.26)^2)$	0.88		
				0.88	
G-21	a1	$^1((-6.00-4.70)^2+(90.17-90.17)^2)$	1.30		
425.40		$^1((-13.30-6.00)^2+(86.00-90.17)^2)$	8.41		
				9.71	
G-21	a2	$^1((6.46-5.52)^2+(90.12-90.12)^2)$	0.94		
				0.94	
G-22	a1	$^1((-6.00-4.70)^2+(88.96-88.96)^2)$	1.30		
450.70		$^1((-10.39-6.00)^2+(86.46-88.96)^2)$	5.05		
				6.35	
G-22	a2	$^1((7.25-5.52)^2+(89.09-89.09)^2)$	1.73		
450.70		$^1((8.95-7.25)^2+(90.22-89.09)^2)$	2.04		
				3.77	
G-23	a1	$^1((-6.00-4.70)^2+(87.59-87.59)^2)$	1.30		
475.86		$^1((-11.20-6.00)^2+(84.62-87.59)^2)$	5.99		
				7.29	
G-23	a2	$^1((8.99-5.52)^2+(88.00-88.00)^2)$	3.47		
				3.47	
G-24	a1	$^1((-6.00-4.70)^2+(86.33-86.33)^2)$	1.30		
501.20		$^1((-9.28-6.00)^2+(84.45-86.33)^2)$	3.78		
				5.08	
G-24	a2	$^1((10.09-5.52)^2+(86.73-86.73)^2)$	4.57		
				4.57	
A RIPORTARE ml					

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml						
G-25	a1		$^1((-6.00-4.70)^2+(85.16-85.16)^2)$	1.30		
526.95			$^1((-12.87-6.00)^2+(81.23-85.16)^2)$	7.91		
					9.21	
G-25	a2		$^1((6.08-5.52)^2+(85.28-85.28)^2)$	0.56		
					0.56	
G-26	a1		$^1((-6.00-4.70)^2+(84.14-84.14)^2)$	1.30		
547.20			$^1((-14.44-6.00)^2+(79.32-84.14)^2)$	9.72		
					11.02	
G-26	a2		$^1((5.99-5.52)^2+(84.10-84.10)^2)$	0.47		
					0.47	
G-27	a1		$^1((-6.00-4.70)^2+(83.24-83.24)^2)$	1.30		
565.20			$^1((-14.37-6.00)^2+(78.46-83.24)^2)$	9.64		
					10.94	
G-27	a2		$^1((6.12-5.52)^2+(83.20-83.20)^2)$	0.60		
					0.60	
G-28	a2		$^1((-6.00-4.70)^2+(82.40-82.40)^2)$	1.30		
583.20			$^1((-14.48-6.00)^2+(77.55-82.40)^2)$	9.77		
					11.07	
G-28	a1		$^1((6.00-4.70)^2+(82.40-82.40)^2)$	1.30		
583.20			$^1((7.68-6.00)^2+(81.44-82.40)^2)$	1.93		
					3.23	
G-29	a2		$^1((-6.00-4.70)^2+(81.71-81.71)^2)$	1.30		
601.20			$^1((-14.84-6.00)^2+(76.66-81.71)^2)$	10.18		
					11.48	
G-29	a1		$^1((6.00-4.70)^2+(81.71-81.71)^2)$	1.30		
601.20			$^1((8.70-6.00)^2+(80.17-81.71)^2)$	3.11		
					4.41	
G-30	a1		$^1((6.00-4.70)^2+(81.19-81.19)^2)$	1.30		
619.20			$^1((10.09-6.00)^2+(78.86-81.19)^2)$	4.71		
					6.01	
G-31	a1		$^1((6.00-4.70)^2+(80.83-80.83)^2)$	1.30		
637.44			$^1((12.18-6.00)^2+(77.29-80.83)^2)$	7.12		
					8.42	
Il Direttore dei Lavori						
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TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE LUNGHEZZE Foglio n. 32

SEMINA

N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
---------------------	------	---------------------	-------------------------------	---------------------------	------

G-2	b1	$\sqrt{(10.83-9.61)^2+(97.55-97.55)^2}$	1.22		
26.75		$\sqrt{(11.07-10.83)^2+(97.68-97.55)^2}$	0.27		
				1.49	
G-3	b1	$\sqrt{(-6.76-5.46)^2+(97.47-97.47)^2}$	1.30		
38.88		$\sqrt{(-10.10-6.76)^2+(97.00-97.47)^2}$	3.37		
				4.67	
G-3	b2	$\sqrt{(7.20-5.90)^2+(97.46-97.46)^2}$	1.30		
38.88		$\sqrt{(11.76-7.20)^2+(97.73-97.46)^2}$	4.57		
				5.87	
G-4	b1	$\sqrt{(-6.00-4.70)^2+(97.37-97.37)^2}$	1.30		
53.88		$\sqrt{(-11.63-6.00)^2+(97.00-97.37)^2}$	5.64		
				6.94	
G-4	b2	$\sqrt{(6.00-4.70)^2+(97.37-97.37)^2}$	1.30		
53.88		$\sqrt{(9.32-6.00)^2+(97.95-97.37)^2}$	3.37		
				4.67	
G-5	b1	$\sqrt{(-6.00-4.70)^2+(97.44-97.44)^2}$	1.30		
73.83		$\sqrt{(-7.47-6.00)^2+(98.29-97.44)^2}$	1.70		
				3.00	
G-5	b2	$\sqrt{(6.00-4.70)^2+(97.58-97.58)^2}$	1.30		
73.83		$\sqrt{(6.85-6.00)^2+(98.06-97.58)^2}$	0.98		
				2.28	
G-6	b1	$\sqrt{(-6.00-4.70)^2+(97.82-97.82)^2}$	1.30		
97.91		$\sqrt{(-6.86-6.00)^2+(98.31-97.82)^2}$	0.99		
				2.29	
G-6	b2	$\sqrt{(6.00-4.70)^2+(98.17-98.17)^2}$	1.30		
97.91		$\sqrt{(6.32-6.00)^2+(98.25-98.17)^2}$	0.33		
				1.63	
G-7	b1	$\sqrt{(-6.26-4.96)^2+(98.07-98.07)^2}$	1.30		
121.11		$\sqrt{(-12.54-6.26)^2+(98.26-98.07)^2}$	6.28		
				7.58	
G-8	b1	$\sqrt{(-6.79-5.49)^2+(98.29-98.29)^2}$	1.30		
148.16		$\sqrt{(-11.26-6.79)^2+(98.30-98.29)^2}$	4.47		
				5.77	

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TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 33	
SCOTICO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
G-10	c1	$^1 ((6.07-5.04)^2+(98.13-98.08)^2)$	1.03		
				1.03	
G-12	c1	$^1 ((-1.68-6.00)^2+(89.80-89.38)^2)$	4.34		
242.44		$^1 ((2.04-1.68)^2+(90.80-89.80)^2)$	3.85		
		$^1 ((4.87-2.04)^2+(90.37-90.80)^2)$	2.86		
				11.05	
G-13	c1	$^1 ((-23.08-23.34)^2+(87.80-87.97)^2)$	0.31		
251.77		$^1 ((-22.13-23.08)^2+(87.54-87.80)^2)$	0.98		
		$^1 ((-20.73-22.13)^2+(87.41-87.54)^2)$	1.41		
		$^1 ((-18.79-20.73)^2+(87.41-87.41)^2)$	1.94		
		$^1 ((-16.70-18.79)^2+(87.80-87.41)^2)$	2.13		
		$^1 ((-16.19-16.70)^2+(88.38-87.80)^2)$	0.77		
		$^1 ((-8.27-16.19)^2+(88.84-88.38)^2)$	7.93		
				15.47	
G-13	c2	$^1 ((-0.74-8.26)^2+(89.80-89.36)^2)$	7.53		
				7.53	
G-14	c1	$^1 ((-19.47-20.85)^2+(88.21-88.61)^2)$	1.44		
278.38		$^1 ((-17.85-19.47)^2+(87.80-88.21)^2)$	1.67		
		$^1 ((-16.85-17.85)^2+(87.43-87.80)^2)$	1.07		
		$^1 ((-16.31-16.85)^2+(87.25-87.43)^2)$	0.57		
		$^1 ((-14.58-16.31)^2+(87.25-87.25)^2)$	1.73		
		$^1 ((-12.78-14.58)^2+(87.80-87.25)^2)$	1.88		
		$^1 ((-10.27-12.78)^2+(88.80-87.80)^2)$	2.70		
		$^1 ((-9.74-10.27)^2+(88.90-88.80)^2)$	0.54		
		$^1 ((1.65-9.74)^2+(89.80-88.90)^2)$	11.43		
		$^1 ((2.85-1.65)^2+(89.83-89.80)^2)$	1.20		
				24.23	
G-15	c1	$^1 ((-22.41-22.48)^2+(86.72-86.72)^2)$	0.07		
306.08		$^1 ((-14.88-22.41)^2+(86.70-86.72)^2)$	7.53		
		$^1 ((-13.13-14.88)^2+(86.70-86.70)^2)$	1.75		
		$^1 ((-12.61-13.13)^2+(86.80-86.70)^2)$	0.53		
		$^1 ((-8.93-12.61)^2+(87.62-86.80)^2)$	3.77		
		$^1 ((-5.11-8.93)^2+(87.80-87.62)^2)$	3.82		
		$^1 ((0.00-5.11)^2+(88.33-87.80)^2)$	5.14		
		$^1 ((5.86-0.00)^2+(88.56-88.33)^2)$	5.86		
				28.47	
G-16	c1	$^1 ((-14.21-23.59)^2+(85.80-85.51)^2)$	9.38		
319.75		$^1 ((-14.15-14.21)^2+(85.83-85.80)^2)$	0.07		
				9.45	
G-16	c2	$^1 ((-13.74-14.13)^2+(86.29-86.13)^2)$	0.42		
319.75		$^1 ((-12.02-13.74)^2+(86.30-86.29)^2)$	1.72		
		$^1 ((-10.35-12.02)^2+(86.80-86.30)^2)$	1.74		
		$^1 ((-9.92-10.35)^2+(86.80-86.80)^2)$	0.43		
				4.31	
G-16	c3	$^1 ((-1.10-9.90)^2+(87.87-87.56)^2)$	8.81		
				8.81	
G-17	c1	$^1 ((-14.27-22.54)^2+(85.92-85.64)^2)$	8.27		
331.13		$^1 ((-13.84-14.27)^2+(85.95-85.92)^2)$	0.43		
		$^1 ((-12.11-13.84)^2+(85.96-85.95)^2)$	1.73		
		$^1 ((-8.06-12.11)^2+(86.80-85.96)^2)$	4.14		
		$^1 ((-7.90-8.06)^2+(87.51-86.80)^2)$	0.73		
		$^1 ((1.42-7.90)^2+(87.83-87.51)^2)$	9.33		
		$^1 ((3.09-1.42)^2+(87.91-87.83)^2)$	1.67		
A RIPORTARE ml			26.30		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE LUNGHEZZE		Foglio n. 34	
SCOTICO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	26.30
		$^1(4.41-3.09)^2+(88.19-87.91)^2$	1.35
		$^1(8.84-4.41)^2+(88.53-88.19)^2$	4.44
G-18	c1	$^1(-9.25-12.08)^2+(85.81-85.87)^2$	2.83
358.23		$^1(0.11-9.25)^2+(85.75-85.81)^2$	9.36
			32.09
G-18	c2	$^1(2.68-0.13)^2+(87.81-87.27)^2$	2.61
358.23		$^1(7.80-2.68)^2+(88.30-87.81)^2$	5.14
			12.19
G-18	c3	$^1(-20.02-21.94)^2+(84.80-84.73)^2$	1.92
358.23		$^1(-15.86-20.02)^2+(84.87-84.80)^2$	4.16
		$^1(-15.30-15.86)^2+(84.81-84.87)^2$	0.56
		$^1(-13.58-15.30)^2+(84.86-84.81)^2$	1.72
		$^1(-13.10-13.58)^2+(84.81-84.86)^2$	0.48
		$^1(-12.09-13.10)^2+(85.24-84.81)^2$	1.10
			9.94
G-19	c1	$^1(-17.06-21.47)^2+(84.61-84.40)^2$	4.41
			4.41
G-19	c2	$^1(-13.33-17.05)^2+(83.72-83.71)^2$	3.72
			3.72
G-19	c3	$^1(-10.83-13.32)^2+(84.80-84.40)^2$	2.52
370.60		$^1(-9.91-10.83)^2+(84.92-84.80)^2$	0.93
			3.45
G-19	c4	$^1(-4.02-9.90)^2+(85.80-85.63)^2$	5.88
370.60		$^1(0.00-4.02)^2+(86.00-85.80)^2$	4.02
		$^1(1.94-0.00)^2+(86.12-86.00)^2$	1.94
			11.84
G-19	c5	$^1(7.08-1.96)^2+(87.81-87.62)^2$	5.12
370.60		$^1(7.21-7.08)^2+(87.83-87.81)^2$	0.13
			5.25
G-20	c1	$^1(-24.86-25.50)^2+(80.80-80.76)^2$	0.64
399.67		$^1(-19.74-24.86)^2+(81.80-80.80)^2$	5.22
		$^1(-18.18-19.74)^2+(81.80-81.80)^2$	1.56
			7.42
G-20	c2	$^1(-15.42-18.16)^2+(82.86-82.89)^2$	2.74
399.67		$^1(-7.80-15.42)^2+(82.80-82.86)^2$	7.62
		$^1(0.00-7.80)^2+(83.47-82.80)^2$	7.83
		$^1(3.92-0.00)^2+(83.79-83.47)^2$	3.93
		$^1(6.40-3.92)^2+(84.39-83.79)^2$	2.55
			24.67
G-21	c1	$^1(-11.63-12.59)^2+(85.92-85.85)^2$	0.96
			0.96
G-21	c2	$^1(-8.08-11.62)^2+(86.80-86.25)^2$	3.58
425.40		$^1(0.00-8.08)^2+(87.75-86.80)^2$	8.14
		$^1(0.38-0.00)^2+(87.77-87.75)^2$	0.38
		$^1(0.77-0.38)^2+(87.77-87.77)^2$	0.39
			12.49
G-21	c3	$^1(1.07-0.78)^2+(88.69-88.62)^2$	0.30
425.40		$^1(1.32-1.07)^2+(88.77-88.69)^2$	0.26
		$^1(3.90-1.32)^2+(88.89-88.77)^2$	2.58
		$^1(6.46-3.90)^2+(89.01-88.89)^2$	2.56
		A RIPORTARE ml	5.70

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 35	
SCOTICO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
			RIPORTO ml	5.70	
G-22	c1	$^1((-3.10-9.64)^2+(86.99-86.33)^2)$	6.57	5.70	
G-22	c2	$^1((0.00-3.08)^2+(87.78-87.60)^2)$	3.09	6.57	
450.70		$^1((1.71-0.00)^2+(87.89-87.78)^2)$	1.71		
		$^1((4.09-1.71)^2+(88.13-87.89)^2)$	2.39		
		$^1((4.50-4.09)^2+(88.17-88.13)^2)$	0.41		
		$^1((5.47-4.50)^2+(88.27-88.17)^2)$	0.98		
G-23	c1	$^1((-9.13-10.29)^2+(84.80-84.59)^2)$	1.18	8.58	
475.86		$^1((-0.99-9.13)^2+(85.80-84.80)^2)$	8.20		
		$^1((0.00-0.99)^2+(86.02-85.80)^2)$	1.01		
		$^1((3.58-0.00)^2+(86.80-86.02)^2)$	3.66		
		$^1((4.37-3.58)^2+(86.81-86.80)^2)$	0.79		
		$^1((4.47-4.37)^2+(86.83-86.81)^2)$	0.10		
		$^1((8.67-4.47)^2+(87.23-86.83)^2)$	4.22		
		$^1((8.99-8.67)^2+(87.46-87.23)^2)$	0.39		
G-24	c1	$^1((0.00-8.66)^2+(84.32-84.26)^2)$	8.66	19.55	
501.20		$^1((4.03-0.00)^2+(84.35-84.32)^2)$	4.03		
G-24	c2	$^1((9.84-4.22)^2+(85.80-85.56)^2)$	5.63	12.69	
501.20		$^1((10.09-9.84)^2+(85.56-85.80)^2)$	0.35		
G-25	c1	$^1((-10.99-12.17)^2+(81.16-81.08)^2)$	1.18	5.98	
526.95		$^1((-10.96-10.99)^2+(81.63-81.16)^2)$	0.47		
		$^1((-1.97-10.96)^2+(81.80-81.63)^2)$	8.99		
		$^1((-1.41-1.97)^2+(81.77-81.80)^2)$	0.56		
G-25	c2	$^1((0.00-1.40)^2+(82.65-82.60)^2)$	1.40	11.20	
526.95		$^1((4.34-0.00)^2+(82.80-82.65)^2)$	4.34		
		$^1((4.69-4.34)^2+(82.81-82.80)^2)$	0.35		
G-25	c3	$^1((6.08-4.70)^2+(83.21-83.20)^2)$	1.38	6.09	
G-26	c1	$^1((-12.51-13.67)^2+(79.22-79.21)^2)$	1.16	1.38	
547.20		$^1((-9.38-12.51)^2+(79.19-79.22)^2)$	3.13		
G-26	c2	$^1((-4.20-9.35)^2+(80.06-79.80)^2)$	5.16	4.29	
G-26	c3	$^1((0.00-4.18)^2+(80.80-80.78)^2)$	4.18	5.16	
547.20		$^1((0.83-0.00)^2+(80.80-80.80)^2)$	0.83		
		$^1((5.99-0.83)^2+(81.55-80.80)^2)$	5.21		
G-27	c1	$^1((-13.88-13.89)^2+(78.15-78.18)^2)$	0.03	10.22	
565.20		$^1((-10.74-13.88)^2+(78.66-78.15)^2)$	3.18		
		$^1((-9.00-10.74)^2+(78.51-78.66)^2)$	1.75		
		$^1((-7.82-9.00)^2+(78.89-78.51)^2)$	1.24		
		$^1((-7.79-7.82)^2+(78.89-78.89)^2)$	0.03		
		$^1((-7.47-7.79)^2+(78.80-78.89)^2)$	0.33		
		$^1((0.00-7.47)^2+(79.80-78.80)^2)$	7.54		
			A RIPORTARE ml	14.10	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 36	
SCOTICO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
			RIPORTO ml		
			14.10		
G-27	c2	$^1((5.08-0.01)^2+(80.80-80.05)^2)$	5.13	14.10	
565.20		$^1((6.12-5.08)^2+(80.87-80.80)^2)$	1.04		
				6.17	
G-28	c1	$^1((-7.84-14.48)^2+(77.68-77.35)^2)$	6.65		
583.20		$^1((-6.35-7.84)^2+(77.67-77.68)^2)$	1.49		
		$^1((-4.14-6.35)^2+(77.58-77.67)^2)$	2.21		
				10.35	
G-28	c2	$^1((-2.36-4.12)^2+(78.80-78.49)^2)$	1.79		
583.20		$^1((5.02-2.36)^2+(79.80-78.80)^2)$	7.45		
		$^1((7.68-5.02)^2+(80.25-79.80)^2)$	2.70		
				11.94	
G-29	c1	$^1((-11.46-14.09)^2+(76.81-76.54)^2)$	2.64		
601.20		$^1((-4.01-11.46)^2+(76.66-76.81)^2)$	7.45		
		$^1((-3.96-4.01)^2+(76.81-76.66)^2)$	0.16		
		$^1((-2.51-3.96)^2+(76.65-76.81)^2)$	1.46		
		$^1((-1.67-2.51)^2+(76.81-76.65)^2)$	0.86		
		$^1((2.05-1.67)^2+(77.28-76.81)^2)$	3.75		
				16.32	
G-29	c2	$^1((4.81-2.06)^2+(78.81-78.47)^2)$	2.77		
601.20		$^1((8.70-4.81)^2+(78.95-78.81)^2)$	3.89		
				6.66	
G-31	c1	$^1((0.00-6.20)^2+(73.92-73.86)^2)$	6.20		
637.44		$^1((1.00-0.00)^2+(74.17-73.92)^2)$	1.03		
				7.23	
Il Direttore dei Lavori			L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 37	
SCOTICO SU GRADONATURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
G-11	e1	$^1((10.79-1.55)^2+(97.38-89.65)^2)$	14.56		
G-12	e1	$^1((5.12-5.07)^2+(91.64-90.56)^2)$	1.08	14.56	
242.44		$^1((5.26-5.12)^2+(91.82-91.64)^2)$	0.23		
		$^1((8.22-5.26)^2+(92.60-91.82)^2)$	3.06		
		$^1((9.62-8.22)^2+(92.81-92.60)^2)$	1.42		
		$^1((11.98-9.62)^2+(93.81-92.81)^2)$	2.56		
		$^1((12.06-11.98)^2+(93.83-93.81)^2)$	0.08	8.43	
G-13	e1	$^1((2.00-0.71)^2+(90.19-89.80)^2)$	2.74		
251.77		$^1((2.03-2.00)^2+(90.88-90.19)^2)$	0.69		
		$^1((3.85-2.03)^2+(91.81-90.88)^2)$	2.04		
		$^1((11.12-3.85)^2+(92.77-91.81)^2)$	7.33	12.80	
G-14	e1	$^1((5.49-2.96)^2+(90.80-90.36)^2)$	2.57		
278.38		$^1((9.37-5.49)^2+(91.53-90.80)^2)$	3.95	6.52	
G-15	e1	$^1((6.08-6.06)^2+(90.20-88.75)^2)$	1.45		
306.08		$^1((9.32-6.08)^2+(90.39-90.20)^2)$	3.25	4.70	
G-16	e1	$^1((-0.89-0.90)^2+(88.30-88.06)^2)$	0.24		
319.75		$^1((9.17-0.89)^2+(90.31-88.30)^2)$	10.26	10.50	
G-30	e1	$^1((-5.28-6.19)^2+(74.81-74.75)^2)$	0.91		
619.20		$^1((-4.54-5.28)^2+(74.19-74.81)^2)$	0.97		
		$^1((-4.52-4.54)^2+(75.84-74.19)^2)$	1.65		
		$^1((-3.83-4.52)^2+(75.82-75.84)^2)$	0.69		
		$^1((-3.35-3.83)^2+(75.94-75.82)^2)$	0.49		
		$^1((-3.28-3.35)^2+(74.70-75.94)^2)$	1.24		
		$^1((-0.02-3.28)^2+(75.93-74.70)^2)$	3.48		
		$^1((1.67-0.02)^2+(75.82-75.93)^2)$	1.69		
		$^1((3.11-1.67)^2+(76.98-75.82)^2)$	1.85		
		$^1((3.12-3.11)^2+(77.42-76.98)^2)$	0.44		
		$^1((4.93-3.12)^2+(77.81-77.42)^2)$	1.85		
		$^1((7.82-4.93)^2+(77.60-77.81)^2)$	2.90		
		$^1((7.84-7.82)^2+(78.48-77.60)^2)$	0.88		
		$^1((9.56-7.84)^2+(78.61-78.48)^2)$	1.72	20.76	
G-31	e1	$^1((1.44-1.18)^2+(74.86-74.28)^2)$	0.64		
637.44		$^1((3.46-1.44)^2+(75.21-74.86)^2)$	2.05		
		$^1((3.48-3.46)^2+(74.62-75.21)^2)$	0.59		
		$^1((4.48-3.48)^2+(74.94-74.62)^2)$	1.05		
		$^1((5.98-4.48)^2+(74.93-74.94)^2)$	1.50		
		$^1((9.20-5.98)^2+(75.84-74.93)^2)$	3.35		
		$^1((10.57-9.20)^2+(75.51-75.84)^2)$	1.41		
		$^1((10.59-10.57)^2+(76.80-75.51)^2)$	1.29		
		$^1((11.75-10.59)^2+(77.01-76.80)^2)$	1.18	13.06	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 38	
BONIFICA RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
G-10	f1	$^1 ((6.07-5.04)^2+(98.13-98.08)^2)$	1.03		
				1.03	
G-12	f1	$^1 ((-1.68-6.00)^2+(89.80-89.38)^2)$	4.34		
242.44		$^1 ((2.04-1.68)^2+(90.80-89.80)^2)$	3.85		
		$^1 ((4.87-2.04)^2+(90.37-90.80)^2)$	2.86		
				11.05	
G-13	f1	$^1 ((-23.08-23.34)^2+(87.80-87.97)^2)$	0.31		
251.77		$^1 ((-22.13-23.08)^2+(87.54-87.80)^2)$	0.98		
		$^1 ((-20.73-22.13)^2+(87.41-87.54)^2)$	1.41		
		$^1 ((-18.79-20.73)^2+(87.41-87.41)^2)$	1.94		
		$^1 ((-16.70-18.79)^2+(87.80-87.41)^2)$	2.13		
		$^1 ((-16.19-16.70)^2+(88.38-87.80)^2)$	0.77		
		$^1 ((-8.27-16.19)^2+(88.84-88.38)^2)$	7.93		
				15.47	
G-13	f2	$^1 ((-0.74-8.26)^2+(89.80-89.36)^2)$	7.53		
				7.53	
G-14	f1	$^1 ((-19.47-20.85)^2+(88.21-88.61)^2)$	1.44		
278.38		$^1 ((-17.85-19.47)^2+(87.80-88.21)^2)$	1.67		
		$^1 ((-16.85-17.85)^2+(87.43-87.80)^2)$	1.07		
		$^1 ((-16.31-16.85)^2+(87.25-87.43)^2)$	0.57		
		$^1 ((-14.58-16.31)^2+(87.25-87.25)^2)$	1.73		
		$^1 ((-12.78-14.58)^2+(87.80-87.25)^2)$	1.88		
		$^1 ((-10.27-12.78)^2+(88.80-87.80)^2)$	2.70		
		$^1 ((-9.74-10.27)^2+(88.90-88.80)^2)$	0.54		
		$^1 ((1.65-9.74)^2+(89.80-88.90)^2)$	11.43		
		$^1 ((2.85-1.65)^2+(89.83-89.80)^2)$	1.20		
				24.23	
G-15	f1	$^1 ((-22.41-22.48)^2+(86.72-86.72)^2)$	0.07		
306.08		$^1 ((-14.88-22.41)^2+(86.70-86.72)^2)$	7.53		
		$^1 ((-13.13-14.88)^2+(86.70-86.70)^2)$	1.75		
		$^1 ((-12.61-13.13)^2+(86.80-86.70)^2)$	0.53		
		$^1 ((-8.93-12.61)^2+(87.62-86.80)^2)$	3.77		
		$^1 ((-5.11-8.93)^2+(87.80-87.62)^2)$	3.82		
		$^1 ((0.00-5.11)^2+(88.33-87.80)^2)$	5.14		
		$^1 ((5.86-0.00)^2+(88.56-88.33)^2)$	5.86		
				28.47	
G-16	f1	$^1 ((-14.21-23.59)^2+(85.80-85.51)^2)$	9.38		
319.75		$^1 ((-14.15-14.21)^2+(85.83-85.80)^2)$	0.07		
				9.45	
G-16	f2	$^1 ((-13.74-14.13)^2+(86.29-86.13)^2)$	0.42		
319.75		$^1 ((-12.02-13.74)^2+(86.30-86.29)^2)$	1.72		
		$^1 ((-10.35-12.02)^2+(86.80-86.30)^2)$	1.74		
		$^1 ((-9.92-10.35)^2+(86.80-86.80)^2)$	0.43		
				4.31	
G-16	f3	$^1 ((-1.10-9.90)^2+(87.87-87.56)^2)$	8.81		
				8.81	
G-17	f1	$^1 ((-14.27-22.54)^2+(85.92-85.64)^2)$	8.27		
331.13		$^1 ((-13.84-14.27)^2+(85.95-85.92)^2)$	0.43		
		$^1 ((-12.11-13.84)^2+(85.96-85.95)^2)$	1.73		
		$^1 ((-8.06-12.11)^2+(86.80-85.96)^2)$	4.14		
		$^1 ((-7.90-8.06)^2+(87.51-86.80)^2)$	0.73		
		$^1 ((1.42-7.90)^2+(87.83-87.51)^2)$	9.33		
		$^1 ((3.09-1.42)^2+(87.91-87.83)^2)$	1.67		
A RIPORTARE ml			26.30		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 39	
BONIFICA RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			26.30		
		$^1((4.41-3.09)^2+(88.19-87.91)^2)$	1.35		
		$^1((8.84-4.41)^2+(88.53-88.19)^2)$	4.44		
				32.09	
G-18	f3	$^1((-20.02-21.94)^2+(84.80-84.73)^2)$	1.92		
358.23		$^1((-15.86-20.02)^2+(84.87-84.80)^2)$	4.16		
		$^1((-15.30-15.86)^2+(84.81-84.87)^2)$	0.56		
		$^1((-13.58-15.30)^2+(84.86-84.81)^2)$	1.72		
		$^1((-13.10-13.58)^2+(84.81-84.86)^2)$	0.48		
		$^1((-12.09-13.10)^2+(85.24-84.81)^2)$	1.10		
				9.94	
G-18	f1	$^1((-9.25-12.08)^2+(85.81-85.87)^2)$	2.83		
358.23		$^1((0.11-9.25)^2+(85.75-85.81)^2)$	9.36		
				12.19	
G-18	f2	$^1((2.68-0.13)^2+(87.81-87.27)^2)$	2.61		
358.23		$^1((7.80-2.68)^2+(88.30-87.81)^2)$	5.14		
				7.75	
G-19	f1	$^1((-17.06-21.47)^2+(84.61-84.40)^2)$	4.41		
				4.41	
G-19	f2	$^1((-13.33-17.05)^2+(83.72-83.71)^2)$	3.72		
				3.72	
G-19	f3	$^1((-10.83-13.32)^2+(84.80-84.40)^2)$	2.52		
370.60		$^1((-9.91-10.83)^2+(84.92-84.80)^2)$	0.93		
				3.45	
G-19	f4	$^1((-4.02-9.90)^2+(85.80-85.63)^2)$	5.88		
370.60		$^1((0.00-4.02)^2+(86.00-85.80)^2)$	4.02		
		$^1((1.94-0.00)^2+(86.12-86.00)^2)$	1.94		
				11.84	
G-19	f5	$^1((7.08-1.96)^2+(87.81-87.62)^2)$	5.12		
370.60		$^1((7.21-7.08)^2+(87.83-87.81)^2)$	0.13		
				5.25	
G-20	f1	$^1((-24.86-25.50)^2+(80.80-80.76)^2)$	0.64		
399.67		$^1((-19.74-24.86)^2+(81.80-80.80)^2)$	5.22		
		$^1((-18.18-19.74)^2+(81.80-81.80)^2)$	1.56		
				7.42	
G-20	f2	$^1((-15.42-18.16)^2+(82.86-82.89)^2)$	2.74		
399.67		$^1((-7.80-15.42)^2+(82.80-82.86)^2)$	7.62		
		$^1((0.00-7.80)^2+(83.47-82.80)^2)$	7.83		
		$^1((3.92-0.00)^2+(83.79-83.47)^2)$	3.93		
		$^1((6.40-3.92)^2+(84.39-83.79)^2)$	2.55		
				24.67	
G-21	f1	$^1((-11.63-12.59)^2+(85.92-85.85)^2)$	0.96		
				0.96	
G-21	f2	$^1((-8.08-11.62)^2+(86.80-86.25)^2)$	3.58		
425.40		$^1((0.00-8.08)^2+(87.75-86.80)^2)$	8.14		
		$^1((0.38-0.00)^2+(87.77-87.75)^2)$	0.38		
		$^1((0.77-0.38)^2+(87.77-87.77)^2)$	0.39		
				12.49	
G-21	f3	$^1((1.07-0.78)^2+(88.69-88.62)^2)$	0.30		
425.40		$^1((1.32-1.07)^2+(88.77-88.69)^2)$	0.26		
		$^1((3.90-1.32)^2+(88.89-88.77)^2)$	2.58		
		$^1((6.46-3.90)^2+(89.01-88.89)^2)$	2.56		
A RIPORTARE ml			5.70		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 40	
BONIFICA RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
			RIPORTO ml	5.70	
G-22	f1	$^1((-3.10-9.64)^2+(86.99-86.33)^2)$	6.57	5.70	
G-22	f2	$^1((0.00-3.08)^2+(87.78-87.60)^2)$	3.09	6.57	
450.70		$^1((1.71-0.00)^2+(87.89-87.78)^2)$	1.71		
		$^1((4.09-1.71)^2+(88.13-87.89)^2)$	2.39		
		$^1((4.50-4.09)^2+(88.17-88.13)^2)$	0.41		
		$^1((5.47-4.50)^2+(88.27-88.17)^2)$	0.98		
G-23	f1	$^1((-9.13-10.29)^2+(84.80-84.59)^2)$	1.18	8.58	
475.86		$^1((-0.99-9.13)^2+(85.80-84.80)^2)$	8.20		
		$^1((0.00-0.99)^2+(86.02-85.80)^2)$	1.01		
		$^1((3.58-0.00)^2+(86.80-86.02)^2)$	3.66		
		$^1((4.37-3.58)^2+(86.81-86.80)^2)$	0.79		
		$^1((4.47-4.37)^2+(86.83-86.81)^2)$	0.10		
		$^1((8.67-4.47)^2+(87.23-86.83)^2)$	4.22		
		$^1((8.99-8.67)^2+(87.46-87.23)^2)$	0.39		
G-24	f1	$^1((0.00-8.66)^2+(84.32-84.26)^2)$	8.66	19.55	
501.20		$^1((4.03-0.00)^2+(84.35-84.32)^2)$	4.03		
G-24	f2	$^1((9.84-4.22)^2+(85.80-85.56)^2)$	5.63	12.69	
501.20		$^1((10.09-9.84)^2+(85.56-85.80)^2)$	0.35		
G-25	f1	$^1((-10.99-12.17)^2+(81.16-81.08)^2)$	1.18	5.98	
526.95		$^1((-10.96-10.99)^2+(81.63-81.16)^2)$	0.47		
		$^1((-1.97-10.96)^2+(81.80-81.63)^2)$	8.99		
		$^1((-1.41-1.97)^2+(81.77-81.80)^2)$	0.56		
G-25	f2	$^1((0.00-1.40)^2+(82.65-82.60)^2)$	1.40	11.20	
526.95		$^1((4.34-0.00)^2+(82.80-82.65)^2)$	4.34		
		$^1((4.69-4.34)^2+(82.81-82.80)^2)$	0.35		
G-25	f3	$^1((6.08-4.70)^2+(83.21-83.20)^2)$	1.38	6.09	
G-26	f1	$^1((-12.51-13.67)^2+(79.22-79.21)^2)$	1.16	1.38	
547.20		$^1((-9.38-12.51)^2+(79.19-79.22)^2)$	3.13		
G-26	f2	$^1((-4.20-9.35)^2+(80.06-79.80)^2)$	5.16	4.29	
G-26	f3	$^1((0.00-4.18)^2+(80.80-80.78)^2)$	4.18	5.16	
547.20		$^1((0.83-0.00)^2+(80.80-80.80)^2)$	0.83		
		$^1((5.99-0.83)^2+(81.55-80.80)^2)$	5.21		
G-27	f1	$^1((-13.88-13.89)^2+(78.15-78.18)^2)$	0.03	10.22	
565.20		$^1((-10.74-13.88)^2+(78.66-78.15)^2)$	3.18		
		$^1((-9.00-10.74)^2+(78.51-78.66)^2)$	1.75		
		$^1((-7.82-9.00)^2+(78.89-78.51)^2)$	1.24		
		$^1((-7.79-7.82)^2+(78.89-78.89)^2)$	0.03		
		$^1((-7.47-7.79)^2+(78.80-78.89)^2)$	0.33		
		$^1((0.00-7.47)^2+(79.80-78.80)^2)$	7.54		
			A RIPORTARE ml	14.10	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE LUNGHEZZE		Foglio n. 41	
BONIFICA RILEVATO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	14.10
G-27	f2	$^1((5.08-0.01)^2+(80.80-80.05)^2)$	14.10
565.20		$^1((6.12-5.08)^2+(80.87-80.80)^2)$	5.13
			1.04
			6.17
G-28	f1	$^1((-7.84-14.48)^2+(77.68-77.35)^2)$	6.65
583.20		$^1((-6.35-7.84)^2+(77.67-77.68)^2)$	1.49
		$^1((-4.14-6.35)^2+(77.58-77.67)^2)$	2.21
			10.35
G-28	f2	$^1((-2.36-4.12)^2+(78.80-78.49)^2)$	1.79
583.20		$^1((5.02-2.36)^2+(79.80-78.80)^2)$	7.45
		$^1((7.68-5.02)^2+(80.25-79.80)^2)$	2.70
			11.94
G-29	f1	$^1((-11.46-14.09)^2+(76.81-76.54)^2)$	2.64
601.20		$^1((-4.01-11.46)^2+(76.66-76.81)^2)$	7.45
		$^1((-3.96-4.01)^2+(76.81-76.66)^2)$	0.16
		$^1((-2.51-3.96)^2+(76.65-76.81)^2)$	1.46
		$^1((-1.67-2.51)^2+(76.81-76.65)^2)$	0.86
		$^1((2.05-1.67)^2+(77.28-76.81)^2)$	3.75
			16.32
G-29	f2	$^1((4.81-2.06)^2+(78.81-78.47)^2)$	2.77
601.20		$^1((8.70-4.81)^2+(78.95-78.81)^2)$	3.89
			6.66
G-31	f1	$^1((0.00-6.20)^2+(73.92-73.86)^2)$	6.20
637.44		$^1((1.00-0.00)^2+(74.17-73.92)^2)$	1.03
			7.23
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 42	
USURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
G-2	g1	$^1((-8.30-8.40)^2+(97.45-97.45)^2)$	0.10		
26.75		$^1((8.58-8.30)^2+(97.45-97.45)^2)$	16.88		
G-3	g1	$^1((-5.26-5.36)^2+(97.32-97.32)^2)$	0.10		
38.88		$^1((5.70-5.26)^2+(97.31-97.32)^2)$	10.96		
		$^1((5.80-5.70)^2+(97.31-97.31)^2)$	0.10		
G-4	g1	$^1((-4.50-4.60)^2+(97.22-97.22)^2)$	0.10		
53.88		$^1((4.50-4.50)^2+(97.22-97.22)^2)$	9.00		
		$^1((4.60-4.50)^2+(97.22-97.22)^2)$	0.10		
G-5	g1	$^1((-4.50-4.60)^2+(97.30-97.30)^2)$	0.10		
73.83		$^1((4.50-4.50)^2+(97.43-97.30)^2)$	9.00		
		$^1((4.60-4.50)^2+(97.43-97.43)^2)$	0.10		
G-6	g1	$^1((-4.50-4.60)^2+(97.68-97.68)^2)$	0.10		
97.91		$^1((4.50-4.50)^2+(98.01-97.68)^2)$	9.01		
		$^1((4.60-4.50)^2+(98.01-98.01)^2)$	0.10		
G-7	g1	$^1((-4.76-4.86)^2+(97.93-97.93)^2)$	0.10		
121.11		$^1((4.50-4.76)^2+(98.57-97.93)^2)$	9.28		
		$^1((4.60-4.50)^2+(98.58-98.57)^2)$	0.10		
G-8	g1	$^1((-5.29-5.39)^2+(98.16-98.15)^2)$	0.10		
148.16		$^1((4.50-5.29)^2+(98.83-98.16)^2)$	9.81		
		$^1((4.60-4.50)^2+(98.84-98.83)^2)$	0.10		
G-9	g1	$^1((-5.48-5.58)^2+(98.16-98.15)^2)$	0.10		
175.22		$^1((4.50-5.48)^2+(98.84-98.16)^2)$	10.00		
		$^1((4.60-4.50)^2+(98.85-98.84)^2)$	0.10		
G-10	g1	$^1((-4.82-4.92)^2+(98.19-98.18)^2)$	0.10		
195.92		$^1((4.50-4.82)^2+(98.56-98.19)^2)$	9.33		
		$^1((4.60-4.50)^2+(98.56-98.56)^2)$	0.10		
G-11	g1	$^1((-4.50-4.60)^2+(97.80-97.80)^2)$	0.10		
225.48		$^1((4.50-4.50)^2+(97.91-97.80)^2)$	9.00		
		$^1((4.60-4.50)^2+(97.91-97.91)^2)$	0.10		
G-12	g1	$^1((-4.50-4.60)^2+(97.40-97.40)^2)$	0.10		
242.44		$^1((4.50-4.50)^2+(97.41-97.40)^2)$	9.00		
G-13	g1	$^1((-4.50-4.60)^2+(97.14-97.14)^2)$	0.10		
251.77		$^1((4.50-4.50)^2+(97.14-97.14)^2)$	9.00		
G-14	g1	$^1((-4.50-4.60)^2+(96.35-96.35)^2)$	0.10		
278.38		$^1((4.50-4.50)^2+(96.24-96.35)^2)$	9.00		
G-15	g1	$^1((-4.50-4.60)^2+(95.39-95.40)^2)$	0.10		
306.08		$^1((4.50-4.50)^2+(95.02-95.39)^2)$	9.01		
G-16	g1	$^1((-4.50-4.60)^2+(94.82-94.82)^2)$	0.10		
319.75		$^1((4.50-4.50)^2+(94.45-94.82)^2)$	9.01		
A RIPORTARE ml			9.11		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
				RIPORTO ml	9.11	
G-17	g1		$^1((-4.50-4.60)^2+(94.34-94.35)^2)$	0.10	9.11	
331.13			$^1((4.50-4.50)^2+(93.97-94.34)^2)$	9.01		
G-18	g1		$^1((-4.50-4.60)^2+(93.09-93.10)^2)$	0.10	9.11	
358.23			$^1((4.50-4.50)^2+(92.91-93.09)^2)$	9.00		
G-19	g1		$^1((-4.50-4.60)^2+(92.49-92.49)^2)$	0.10	9.10	
370.60			$^1((4.50-4.50)^2+(92.39-92.49)^2)$	9.00		
G-20	g1		$^1((-4.50-4.60)^2+(91.16-91.16)^2)$	0.10	9.10	
399.67			$^1((4.50-4.50)^2+(91.16-91.16)^2)$	9.00		
G-21	g1		$^1((-4.50-4.60)^2+(90.02-90.02)^2)$	0.10	9.10	
425.40			$^1((4.50-4.50)^2+(90.02-90.02)^2)$	9.00		
G-22	g1		$^1((-4.50-4.60)^2+(88.82-88.82)^2)$	0.10	9.10	
450.70			$^1((4.50-4.50)^2+(88.99-88.82)^2)$	9.00		
G-23	g1		$^1((-4.50-4.60)^2+(87.45-87.45)^2)$	0.10	9.10	
475.86			$^1((4.50-4.50)^2+(87.90-87.45)^2)$	9.01		
G-24	g1		$^1((-4.50-4.60)^2+(86.19-86.18)^2)$	0.10	9.11	
501.20			$^1((4.50-4.50)^2+(86.63-86.19)^2)$	9.01		
G-25	g1		$^1((-4.50-4.60)^2+(85.01-85.01)^2)$	0.10	9.11	
526.95			$^1((4.50-4.50)^2+(85.18-85.01)^2)$	9.00		
G-26	g1		$^1((-4.50-4.60)^2+(84.00-84.00)^2)$	0.10	9.10	
547.20			$^1((4.50-4.50)^2+(84.00-84.00)^2)$	9.00		
G-27	g1		$^1((-4.50-4.60)^2+(83.10-83.10)^2)$	0.10	9.10	
565.20			$^1((4.50-4.50)^2+(83.10-83.10)^2)$	9.00		
G-28	g1		$^1((-4.50-4.60)^2+(82.25-82.25)^2)$	0.10	9.10	
583.20			$^1((4.50-4.50)^2+(82.25-82.25)^2)$	9.00		
			$^1((4.60-4.50)^2+(82.25-82.25)^2)$	0.10		
G-29	g1		$^1((-4.50-4.60)^2+(81.57-81.57)^2)$	0.10	9.20	
601.20			$^1((4.50-4.50)^2+(81.57-81.57)^2)$	9.00		
			$^1((4.60-4.50)^2+(81.57-81.57)^2)$	0.10		
G-30	g1		$^1((-4.50-4.60)^2+(81.05-81.04)^2)$	0.10	9.20	
619.20			$^1((4.50-4.50)^2+(81.05-81.05)^2)$	9.00		
			$^1((4.60-4.50)^2+(81.04-81.05)^2)$	0.10		
G-31	g1		$^1((-4.50-4.60)^2+(80.68-80.68)^2)$	0.10	9.20	
637.44			$^1((4.50-4.50)^2+(80.68-80.68)^2)$	9.00		
			$^1((4.60-4.50)^2+(80.68-80.68)^2)$	0.10		
				9.20		
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 44	
BINDER					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
G-2	h1	$^1((-8.30-8.50)^2+(97.40-97.40)^2)$	0.20		
26.75		$^1((8.58-8.30)^2+(97.40-97.40)^2)$	16.88		
G-3	h1	$^1((-5.26-5.46)^2+(97.27-97.27)^2)$	0.20	17.08	
38.88		$^1((5.70-5.26)^2+(97.26-97.27)^2)$	10.96		
		$^1((5.90-5.70)^2+(97.26-97.26)^2)$	0.20		
G-4	h1	$^1((-4.50-4.70)^2+(97.17-97.17)^2)$	0.20	11.36	
53.88		$^1((4.50-4.50)^2+(97.17-97.17)^2)$	9.00		
		$^1((4.70-4.50)^2+(97.17-97.17)^2)$	0.20		
G-5	h1	$^1((-4.50-4.70)^2+(97.25-97.24)^2)$	0.20	9.40	
73.83		$^1((4.50-4.50)^2+(97.38-97.25)^2)$	9.00		
		$^1((4.70-4.50)^2+(97.38-97.38)^2)$	0.20		
G-6	h1	$^1((-4.50-4.70)^2+(97.63-97.62)^2)$	0.20	9.40	
97.91		$^1((4.50-4.50)^2+(97.96-97.63)^2)$	9.01		
		$^1((4.70-4.50)^2+(97.97-97.96)^2)$	0.20		
G-7	h1	$^1((-4.76-4.96)^2+(97.88-97.87)^2)$	0.20	9.41	
121.11		$^1((4.50-4.76)^2+(98.52-97.88)^2)$	9.28		
		$^1((4.70-4.50)^2+(98.54-98.52)^2)$	0.20		
G-8	h1	$^1((-5.29-5.49)^2+(98.11-98.09)^2)$	0.20	9.68	
148.16		$^1((4.50-5.29)^2+(98.78-98.11)^2)$	9.81		
		$^1((4.70-4.50)^2+(98.79-98.78)^2)$	0.20		
G-9	h1	$^1((-5.48-5.68)^2+(98.11-98.09)^2)$	0.20	10.21	
175.22		$^1((4.50-5.48)^2+(98.79-98.11)^2)$	10.00		
		$^1((4.70-4.50)^2+(98.81-98.79)^2)$	0.20		
G-10	h1	$^1((-4.82-5.02)^2+(98.14-98.13)^2)$	0.20	10.40	
195.92		$^1((4.50-4.82)^2+(98.51-98.14)^2)$	9.33		
		$^1((4.70-4.50)^2+(98.52-98.51)^2)$	0.20		
G-11	h1	$^1((-4.50-4.70)^2+(97.75-97.75)^2)$	0.20	9.73	
225.48		$^1((4.50-4.50)^2+(97.86-97.75)^2)$	9.00		
		$^1((4.70-4.50)^2+(97.86-97.86)^2)$	0.20		
G-12	h1	$^1((-4.50-4.70)^2+(97.35-97.35)^2)$	0.20	9.40	
242.44		$^1((4.50-4.50)^2+(97.36-97.35)^2)$	9.00		
G-13	h1	$^1((-4.50-4.70)^2+(97.09-97.09)^2)$	0.20	9.20	
251.77		$^1((4.50-4.50)^2+(97.09-97.09)^2)$	9.00		
G-14	h1	$^1((-4.50-4.70)^2+(96.30-96.30)^2)$	0.20	9.20	
278.38		$^1((4.50-4.50)^2+(96.19-96.30)^2)$	9.00		
G-15	h1	$^1((-4.50-4.70)^2+(95.34-95.35)^2)$	0.20	9.20	
306.08		$^1((4.50-4.50)^2+(94.97-95.34)^2)$	9.01		
G-16	h1	$^1((-4.50-4.70)^2+(94.77-94.78)^2)$	0.20	9.21	
319.75		$^1((4.50-4.50)^2+(94.40-94.77)^2)$	9.01		
A RIPORTARE ml			9.21		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A G

CALCOLO DELLE LUNGHEZZE		Foglio n. 45	
BINDER			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	9.21
G-17	h1	$^1((-4.50-4.70)^2+(94.29-94.30)^2)$	9.21
331.13		$^1((4.50-4.50)^2+(93.92-94.29)^2)$	
G-18	h1	$^1((-4.50-4.70)^2+(93.04-93.05)^2)$	9.21
358.23		$^1((4.50-4.50)^2+(92.86-93.04)^2)$	
G-19	h1	$^1((-4.50-4.70)^2+(92.44-92.44)^2)$	9.20
370.60		$^1((4.50-4.50)^2+(92.34-92.44)^2)$	
G-20	h1	$^1((-4.50-4.70)^2+(91.11-91.11)^2)$	9.20
399.67		$^1((4.50-4.50)^2+(91.11-91.11)^2)$	
G-21	h1	$^1((-4.50-4.70)^2+(89.97-89.97)^2)$	9.20
425.40		$^1((4.50-4.50)^2+(89.97-89.97)^2)$	
G-22	h1	$^1((-4.50-4.70)^2+(88.77-88.76)^2)$	9.20
450.70		$^1((4.50-4.50)^2+(88.94-88.77)^2)$	
G-23	h1	$^1((-4.50-4.70)^2+(87.40-87.39)^2)$	9.20
475.86		$^1((4.50-4.50)^2+(87.85-87.40)^2)$	
G-24	h1	$^1((-4.50-4.70)^2+(86.14-86.13)^2)$	9.21
501.20		$^1((4.50-4.50)^2+(86.58-86.14)^2)$	
G-25	h1	$^1((-4.50-4.70)^2+(84.96-84.96)^2)$	9.21
526.95		$^1((4.50-4.50)^2+(85.13-84.96)^2)$	
G-26	h1	$^1((-4.50-4.70)^2+(83.95-83.94)^2)$	9.20
547.20		$^1((4.50-4.50)^2+(83.95-83.95)^2)$	
G-27	h1	$^1((-4.50-4.70)^2+(83.05-83.04)^2)$	9.20
565.20		$^1((4.50-4.50)^2+(83.05-83.05)^2)$	
G-28	h1	$^1((-4.50-4.70)^2+(82.20-82.20)^2)$	9.20
583.20		$^1((4.50-4.50)^2+(82.20-82.20)^2)$	
		$^1((4.70-4.50)^2+(82.20-82.20)^2)$	9.40
G-29	h1	$^1((-4.50-4.70)^2+(81.52-81.51)^2)$	9.40
601.20		$^1((4.50-4.50)^2+(81.52-81.52)^2)$	
		$^1((4.70-4.50)^2+(81.51-81.52)^2)$	9.40
G-30	h1	$^1((-4.50-4.70)^2+(81.00-80.99)^2)$	9.40
619.20		$^1((4.50-4.50)^2+(81.00-81.00)^2)$	
		$^1((4.70-4.50)^2+(80.99-81.00)^2)$	9.40
G-31	h1	$^1((-4.50-4.70)^2+(80.63-80.63)^2)$	9.40
637.44		$^1((4.50-4.50)^2+(80.63-80.63)^2)$	
		$^1((4.70-4.50)^2+(80.63-80.63)^2)$	9.40
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 46	
BASE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
G-2	i1	$^1((-8.30-8.76)^2+(97.25-97.24)^2)$	0.46		
26.75		$^1((8.58-8.30)^2+(97.25-97.25)^2)$	16.88		
G-3	i1	$^1((-5.26-5.71)^2+(97.12-97.11)^2)$	0.45	17.34	
38.88		$^1((5.70-5.26)^2+(97.11-97.12)^2)$	10.96		
		$^1((6.16-5.70)^2+(97.10-97.11)^2)$	0.46		
G-4	i1	$^1((-4.50-4.96)^2+(97.02-97.01)^2)$	0.46	11.87	
53.88		$^1((4.50-4.50)^2+(97.02-97.02)^2)$	9.00		
		$^1((4.96-4.50)^2+(97.01-97.02)^2)$	0.46		
G-5	i1	$^1((-4.50-4.96)^2+(97.10-97.09)^2)$	0.46	9.92	
73.83		$^1((4.50-4.50)^2+(97.23-97.10)^2)$	9.00		
		$^1((4.95-4.50)^2+(97.23-97.23)^2)$	0.45		
G-6	i1	$^1((-4.50-4.96)^2+(97.48-97.46)^2)$	0.46	9.91	
97.91		$^1((4.50-4.50)^2+(97.81-97.48)^2)$	9.01		
		$^1((4.94-4.50)^2+(97.83-97.81)^2)$	0.44		
G-7	i1	$^1((-4.76-5.23)^2+(97.73-97.70)^2)$	0.47	9.91	
121.11		$^1((4.50-4.76)^2+(98.37-97.73)^2)$	9.28		
		$^1((4.93-4.50)^2+(98.40-98.37)^2)$	0.43		
G-8	i1	$^1((-5.29-5.76)^2+(97.96-97.92)^2)$	0.47	10.18	
148.16		$^1((4.50-5.29)^2+(98.63-97.96)^2)$	9.81		
		$^1((4.93-4.50)^2+(98.66-98.63)^2)$	0.43		
G-9	i1	$^1((-5.48-5.95)^2+(97.96-97.92)^2)$	0.47	10.71	
175.22		$^1((4.50-5.48)^2+(98.64-97.96)^2)$	10.00		
		$^1((4.93-4.50)^2+(98.67-98.64)^2)$	0.43		
G-10	i1	$^1((-4.82-5.02)^2+(97.99-97.98)^2)$	0.20	10.90	
195.92		$^1((4.50-4.82)^2+(98.36-97.99)^2)$	9.33		
		$^1((4.94-4.50)^2+(98.38-98.36)^2)$	0.44		
G-11	i1	$^1((-4.50-4.70)^2+(97.60-97.60)^2)$	0.20	9.97	
225.48		$^1((4.50-4.50)^2+(97.71-97.60)^2)$	9.00		
		$^1((4.95-4.50)^2+(97.71-97.71)^2)$	0.45		
G-12	i1	$^1((-4.50-4.70)^2+(97.20-97.20)^2)$	0.20	9.65	
242.44		$^1((4.50-4.50)^2+(97.21-97.20)^2)$	9.00		
G-13	i1	$^1((-4.50-4.96)^2+(96.94-96.93)^2)$	0.46	9.20	
251.77		$^1((4.50-4.50)^2+(96.94-96.94)^2)$	9.00		
G-14	i1	$^1((-4.50-4.95)^2+(96.15-96.15)^2)$	0.45	9.46	
278.38		$^1((4.50-4.50)^2+(96.04-96.15)^2)$	9.00		
G-15	i1	$^1((-4.50-4.94)^2+(95.19-95.21)^2)$	0.44	9.45	
306.08		$^1((4.50-4.50)^2+(94.82-95.19)^2)$	9.01		
G-16	i1	$^1((-4.50-4.94)^2+(94.62-94.64)^2)$	0.44	9.45	
319.75		$^1((4.50-4.50)^2+(94.25-94.62)^2)$	9.01		
A RIPORTARE ml			9.45		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml				9.45		
G-17	il		$^1((-4.50-4.94)^2+(94.14-94.16)^2)$	0.44	9.45	
331.13			$^1((4.50-4.50)^2+(93.77-94.14)^2)$	9.01		
G-18	il		$^1((-4.50-4.95)^2+(92.89-92.90)^2)$	0.45	9.45	
358.23			$^1((4.50-4.50)^2+(92.71-92.89)^2)$	9.00		
G-19	il		$^1((-4.50-4.95)^2+(92.29-92.29)^2)$	0.45	9.45	
370.60			$^1((4.50-4.50)^2+(92.19-92.29)^2)$	9.00		
G-20	il		$^1((-4.50-4.96)^2+(90.96-90.95)^2)$	0.46	9.45	
399.67			$^1((4.50-4.50)^2+(90.96-90.96)^2)$	9.00		
G-21	il		$^1((-4.50-4.96)^2+(89.82-89.81)^2)$	0.46	9.46	
425.40			$^1((4.50-4.50)^2+(89.82-89.82)^2)$	9.00		
G-22	il		$^1((-4.50-4.96)^2+(88.62-88.61)^2)$	0.46	9.46	
450.70			$^1((4.50-4.50)^2+(88.79-88.62)^2)$	9.00		
G-23	il		$^1((-4.50-4.96)^2+(87.25-87.23)^2)$	0.46	9.46	
475.86			$^1((4.50-4.50)^2+(87.70-87.25)^2)$	9.01		
G-24	il		$^1((-4.50-4.96)^2+(85.99-85.96)^2)$	0.46	9.47	
501.20			$^1((4.50-4.50)^2+(86.43-85.99)^2)$	9.01		
G-25	il		$^1((-4.50-4.96)^2+(84.81-84.80)^2)$	0.46	9.47	
526.95			$^1((4.50-4.50)^2+(84.98-84.81)^2)$	9.00		
G-26	il		$^1((-4.50-4.96)^2+(83.80-83.79)^2)$	0.46	9.46	
547.20			$^1((4.50-4.50)^2+(83.80-83.80)^2)$	9.00		
G-27	il		$^1((-4.50-4.96)^2+(82.90-82.89)^2)$	0.46	9.46	
565.20			$^1((4.50-4.50)^2+(82.90-82.90)^2)$	9.00		
G-28	il		$^1((-4.50-4.96)^2+(82.05-82.04)^2)$	0.46	9.46	
583.20			$^1((4.50-4.50)^2+(82.05-82.05)^2)$	9.00		
			$^1((4.96-4.50)^2+(82.04-82.05)^2)$	0.46		
G-29	il		$^1((-4.50-4.96)^2+(81.37-81.36)^2)$	0.46	9.92	
601.20			$^1((4.50-4.50)^2+(81.37-81.37)^2)$	9.00		
			$^1((4.96-4.50)^2+(81.36-81.37)^2)$	0.46		
G-30	il		$^1((-4.50-4.96)^2+(80.85-80.83)^2)$	0.46	9.92	
619.20			$^1((4.50-4.50)^2+(80.85-80.85)^2)$	9.00		
			$^1((4.96-4.50)^2+(80.83-80.85)^2)$	0.46		
G-31	il		$^1((-4.50-4.70)^2+(80.48-80.48)^2)$	0.20	9.92	
637.44			$^1((4.50-4.50)^2+(80.48-80.48)^2)$	9.00		
			$^1((4.96-4.50)^2+(80.47-80.48)^2)$	0.46		
				9.66		
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE LUNGHEZZE		Foglio n. 48	
FONDAZIONE			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
G-2	ml	$\sqrt{(-8.30-9.22)^2+(96.80-96.78)^2}$	0.92
26.75		$\sqrt{(8.58-8.30)^2+(96.80-96.80)^2}$	16.88
			17.80
G-3	ml	$\sqrt{(-5.26-6.17)^2+(96.67-96.65)^2}$	0.91
38.88		$\sqrt{(5.70-5.26)^2+(96.66-96.67)^2}$	10.96
		$\sqrt{(6.62-5.70)^2+(96.64-96.66)^2}$	0.92
			12.79
G-4	ml	$\sqrt{(-4.50-5.42)^2+(96.57-96.55)^2}$	0.92
53.88		$\sqrt{(4.50-4.50)^2+(96.57-96.57)^2}$	9.00
		$\sqrt{(5.42-4.50)^2+(96.55-96.57)^2}$	0.92
			10.84
G-5	ml	$\sqrt{(-4.50-5.42)^2+(96.65-96.63)^2}$	0.92
73.83		$\sqrt{(4.50-4.50)^2+(96.78-96.65)^2}$	9.00
		$\sqrt{(5.40-4.50)^2+(96.78-96.78)^2}$	0.90
			10.82
G-6	ml	$\sqrt{(-4.50-5.43)^2+(97.03-97.00)^2}$	0.93
97.91		$\sqrt{(4.50-4.50)^2+(97.36-97.03)^2}$	9.01
		$\sqrt{(5.38-4.50)^2+(97.39-97.36)^2}$	0.88
			10.82
G-7	ml	$\sqrt{(-4.76-5.71)^2+(97.28-97.22)^2}$	0.95
121.11		$\sqrt{(4.50-4.76)^2+(97.92-97.28)^2}$	9.28
		$\sqrt{(5.35-4.50)^2+(97.98-97.92)^2}$	0.85
			11.08
G-8	ml	$\sqrt{(-5.29-6.25)^2+(97.51-97.44)^2}$	0.96
148.16		$\sqrt{(4.50-5.29)^2+(98.18-97.51)^2}$	9.81
		$\sqrt{(5.35-4.50)^2+(98.24-98.18)^2}$	0.85
			11.62
G-9	ml	$\sqrt{(-5.48-6.44)^2+(97.51-97.44)^2}$	0.96
175.22		$\sqrt{(4.50-5.48)^2+(98.19-97.51)^2}$	10.00
		$\sqrt{(5.35-4.50)^2+(98.25-98.19)^2}$	0.85
			11.81
G-10	ml	$\sqrt{(-4.82-5.02)^2+(97.54-97.53)^2}$	0.20
195.92		$\sqrt{(4.50-4.82)^2+(97.91-97.54)^2}$	9.33
		$\sqrt{(5.37-4.50)^2+(97.95-97.91)^2}$	0.87
			10.40
G-11	ml	$\sqrt{(-4.50-4.70)^2+(97.15-97.15)^2}$	0.20
225.48		$\sqrt{(4.50-4.50)^2+(97.26-97.15)^2}$	9.00
		$\sqrt{(5.40-4.50)^2+(97.26-97.26)^2}$	0.90
			10.10
G-12	ml	$\sqrt{(-4.50-4.70)^2+(96.75-96.75)^2}$	0.20
242.44		$\sqrt{(4.50-4.50)^2+(96.76-96.75)^2}$	9.00
			9.20
G-13	ml	$\sqrt{(-4.50-5.42)^2+(96.49-96.47)^2}$	0.92
251.77		$\sqrt{(4.50-4.50)^2+(96.49-96.49)^2}$	9.00
			9.92
G-14	ml	$\sqrt{(-4.50-5.40)^2+(95.70-95.70)^2}$	0.90
278.38		$\sqrt{(4.50-4.50)^2+(95.59-95.70)^2}$	9.00
			9.90
G-15	ml	$\sqrt{(-4.50-5.37)^2+(94.74-94.78)^2}$	0.87
306.08		$\sqrt{(4.50-4.50)^2+(94.37-94.74)^2}$	9.01
			9.88
G-16	ml	$\sqrt{(-4.50-5.37)^2+(94.17-94.20)^2}$	0.87
319.75		$\sqrt{(4.50-4.50)^2+(93.80-94.17)^2}$	9.01
		A RIPORTARE ml	9.88

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

		CALCOLO DELLE LUNGHEZZE		Foglio n. 49	
FONDAZIONE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			9.88		
G-17	ml	$^1((-4.50-5.37)^2+(93.69-93.73)^2)$	0.87	9.88	
331.13		$^1((4.50-4.50)^2+(93.32-93.69)^2)$	9.01		
G-18	ml	$^1((-4.50-5.39)^2+(92.44-92.46)^2)$	0.89	9.88	
358.23		$^1((4.50-4.50)^2+(92.26-92.44)^2)$	9.00		
G-19	ml	$^1((-4.50-5.40)^2+(91.84-91.84)^2)$	0.90	9.89	
370.60		$^1((4.50-4.50)^2+(91.74-91.84)^2)$	9.00		
G-20	ml	$^1((-4.50-5.42)^2+(90.51-90.49)^2)$	0.92	9.90	
399.67		$^1((4.50-4.50)^2+(90.51-90.51)^2)$	9.00		
G-21	ml	$^1((-4.50-5.42)^2+(89.37-89.35)^2)$	0.92	9.92	
425.40		$^1((4.50-4.50)^2+(89.37-89.37)^2)$	9.00		
G-22	ml	$^1((-4.50-5.42)^2+(88.17-88.15)^2)$	0.92	9.92	
450.70		$^1((4.50-4.50)^2+(88.34-88.17)^2)$	9.00		
G-23	ml	$^1((-4.50-5.44)^2+(86.80-86.76)^2)$	0.94	9.92	
475.86		$^1((4.50-4.50)^2+(87.25-86.80)^2)$	9.01		
G-24	ml	$^1((-4.50-5.44)^2+(85.54-85.49)^2)$	0.94	9.95	
501.20		$^1((4.50-4.50)^2+(85.98-85.54)^2)$	9.01		
G-25	ml	$^1((-4.50-5.42)^2+(84.36-84.34)^2)$	0.92	9.95	
526.95		$^1((4.50-4.50)^2+(84.53-84.36)^2)$	9.00		
G-26	ml	$^1((-4.50-5.42)^2+(83.35-83.32)^2)$	0.92	9.92	
547.20		$^1((4.50-4.50)^2+(83.35-83.35)^2)$	9.00		
G-27	ml	$^1((-4.50-5.42)^2+(82.45-82.42)^2)$	0.92	9.92	
565.20		$^1((4.50-4.50)^2+(82.45-82.45)^2)$	9.00		
G-28	ml	$^1((-4.50-5.42)^2+(81.60-81.58)^2)$	0.92	9.92	
583.20		$^1((4.50-4.50)^2+(81.60-81.60)^2)$	9.00		
		$^1((5.42-4.50)^2+(81.58-81.60)^2)$	0.92		
G-29	ml	$^1((-4.50-5.42)^2+(80.92-80.90)^2)$	0.92	10.84	
601.20		$^1((4.50-4.50)^2+(80.92-80.92)^2)$	9.00		
		$^1((5.42-4.50)^2+(80.90-80.92)^2)$	0.92		
G-30	ml	$^1((-4.50-5.42)^2+(80.40-80.37)^2)$	0.92	10.84	
619.20		$^1((4.50-4.50)^2+(80.40-80.40)^2)$	9.00		
		$^1((5.42-4.50)^2+(80.37-80.40)^2)$	0.92		
G-31	ml	$^1((-4.50-4.70)^2+(80.03-80.03)^2)$	0.20	10.84	
637.44		$^1((4.50-4.50)^2+(80.03-80.03)^2)$	9.00		
		$^1((5.42-4.50)^2+(80.01-80.03)^2)$	0.92		
Il Direttore dei Lavori			L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

CALCOLO DELLE LUNGHEZZE		Foglio n. 50	
BONIFICA TRINCEA			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
G-2	p1	$^1((-8.30-9.22)^2+(96.80-96.78)^2)$	0.92
26.75		$^1((8.58-8.30)^2+(96.80-96.80)^2)$	16.88
			17.80
G-3	p1	$^1((-5.26-6.17)^2+(96.67-96.65)^2)$	0.91
38.88		$^1((5.70-5.26)^2+(96.66-96.67)^2)$	10.96
		$^1((6.62-5.70)^2+(96.64-96.66)^2)$	0.92
			12.79
G-4	p1	$^1((-4.50-5.42)^2+(96.57-96.55)^2)$	0.92
53.88		$^1((4.50-4.50)^2+(96.57-96.57)^2)$	9.00
		$^1((5.42-4.50)^2+(96.55-96.57)^2)$	0.92
			10.84
G-5	p1	$^1((-4.50-5.42)^2+(96.65-96.63)^2)$	0.92
73.83		$^1((4.50-4.50)^2+(96.78-96.65)^2)$	9.00
		$^1((5.40-4.50)^2+(96.78-96.78)^2)$	0.90
			10.82
G-6	p1	$^1((-4.50-5.43)^2+(97.03-97.00)^2)$	0.93
97.91		$^1((4.50-4.50)^2+(97.36-97.03)^2)$	9.01
		$^1((5.38-4.50)^2+(97.39-97.36)^2)$	0.88
			10.82
G-7	p1	$^1((-4.76-5.71)^2+(97.28-97.22)^2)$	0.95
121.11		$^1((4.50-4.76)^2+(97.92-97.28)^2)$	9.28
		$^1((5.35-4.50)^2+(97.98-97.92)^2)$	0.85
			11.08
G-8	p1	$^1((-5.29-6.25)^2+(97.51-97.44)^2)$	0.96
148.16		$^1((4.50-5.29)^2+(98.18-97.51)^2)$	9.81
		$^1((5.35-4.50)^2+(98.24-98.18)^2)$	0.85
			11.62
G-9	p1	$^1((-5.48-6.44)^2+(97.51-97.44)^2)$	0.96
175.22		$^1((4.50-5.48)^2+(98.19-97.51)^2)$	10.00
		$^1((5.35-4.50)^2+(98.25-98.19)^2)$	0.85
			11.81
G-10	p1	$^1((4.50-0.04)^2+(97.91-97.73)^2)$	4.54
195.92		$^1((5.37-4.50)^2+(97.95-97.91)^2)$	0.87
			5.41
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DEI VOLUMI										Foglio n.	51
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
G-1	G-2	G-2	C1	0.78	26.75	13.38	10.436		10.436		
G-2	G-3	G-2	C1	0.78	12.13	6.07	4.735		4.735		
G-6	G-7	G-7	C1	0.41	23.20	11.60	4.756		4.756		
G-7	G-8	G-7	C1	0.41	27.05	13.52	5.543				
121.11	148.16	G-8	C1	0.49	27.05	13.52	6.625		12.168		
G-8	G-9	G-8	C1	0.49	27.06	13.53	6.630				
148.16	175.22	G-9	C1	1.60	27.06	13.53	21.648				
		G-9	C2	0.45	27.06	13.53	6.088				
G-9	G-10	G-9	C1	1.60	20.70	10.35	16.560				
175.22	195.92	G-9	C2	0.45	20.70	10.35	4.657				
		G-10	C1	0.51	20.70	10.35	5.279				
G-10	G-10b	G-10	C1	0.51	0.01	0.01	0.005		26.496		
G-10t	G-11	G-11	C1	1.86	0.01	0.00	0.000		0.005		
G-11	G-12	G-11	C1	1.86	16.96	8.48	15.773				
225.48	242.44	G-12	C1	2.71	16.96	8.48	22.981				
		G-12	C2	1.95	16.96	8.48	16.536				
G-12	G-13	G-12	C1	2.71	9.33	4.67	12.656				
242.44	251.77	G-12	C2	1.95	9.33	4.67	9.107				
		G-13	C1	1.67	9.33	4.67	7.799				
		G-13	C2	6.39	9.33	4.67	29.841				
G-13	G-14	G-13	C1	1.67	26.61	13.30	22.211				
251.77	278.38	G-13	C2	6.39	26.61	13.30	84.987				
		G-14	C1	1.15	26.61	13.30	15.295				
		G-14	C2	5.56	26.61	13.30	73.948				
G-14	G-15	G-14	C1	1.15	27.70	13.85	15.927				
278.38	306.08	G-14	C2	5.56	27.70	13.85	77.006				
		G-15	C1	1.13	27.70	13.85	15.650				
		G-15	C2	6.19	27.70	13.85	85.731				
G-15	G-16	G-15	C1	1.13	13.67	6.84	7.729		194.314		
306.08	319.75	G-15	C2	6.19	13.67	6.84	42.340				
		G-16	C1	1.09	13.67	6.84	7.456				
		G-16	C2	6.55	13.67	6.84	44.802				
G-16	G-17	G-16	C1	1.09	11.38	5.69	6.202		102.327		
319.75	331.13	G-16	C2	6.55	11.38	5.69	37.270				
		G-17	C1	0.99	11.38	5.69	5.633				
		G-17	C2	6.19	11.38	5.69	35.221				
G-17	G-18	G-17	C1	0.99	27.10	13.55	13.415				
331.13	358.23	G-17	C2	6.19	27.10	13.55	83.875				
		G-18	C1	0.68	27.10	13.55	9.214				
		G-18	C2	5.99	27.10	13.55	81.165				
							A RIPORTARE mc	187.669	785.063		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DEI VOLUMI										Foglio n. 52	
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
							A RIPORTARE mc		187.669	785.063	
										187.669	
G-18	G-19	G-18	C1	0.68	12.37	6.19	4.209				
358.23	370.60	G-18	C2	5.99	12.37	6.19	37.078				
		G-19	C1	0.51	12.37	6.19	3.157				
		G-19	C2	5.80	12.37	6.19	35.902				
										80.346	
G-19	G-20	G-19	C1	0.51	29.07	14.53	7.410				
370.60	399.67	G-19	C2	5.80	29.07	14.53	84.274				
		G-20	C1	0.27	29.07	14.53	3.923				
		G-20	C2	7.24	29.07	14.53	105.197				
										200.804	
G-20	G-21	G-20	C1	0.27	25.73	12.86	3.472				
399.67	425.40	G-20	C2	7.24	25.73	12.86	93.106				
		G-21	C1	0.28	25.73	12.86	3.601				
		G-21	C2	2.83	25.73	12.86	36.394				
										136.573	
G-21	G-22	G-21	C1	0.28	25.30	12.65	3.542				
425.40	450.70	G-21	C2	2.83	25.30	12.65	35.800				
		G-22	C1	1.80	25.30	12.65	22.770				
										62.112	
G-22	G-23	G-22	C1	1.80	25.16	12.58	22.644				
450.70	475.86	G-23	C1	1.04	25.16	12.58	13.083				
		G-23	C2	2.04	25.16	12.58	25.663				
										61.390	
G-23	G-24	G-23	C1	1.04	25.34	12.67	13.177				
475.86	501.20	G-23	C2	2.04	25.34	12.67	25.847				
		G-24	C1	1.37	25.34	12.67	17.358				
		G-24	C2	1.41	25.34	12.67	17.865				
										74.247	
G-24	G-25	G-24	C1	1.37	25.75	12.88	17.646				
501.20	526.95	G-24	C2	1.41	25.75	12.88	18.161				
		G-25	C1	0.17	25.75	12.88	2.190				
		G-25	C2	2.66	25.75	12.88	34.261				
										72.258	
G-25	G-26	G-25	C1	0.17	20.25	10.13	1.722				
526.95	547.20	G-25	C2	2.66	20.25	10.13	26.946				
		G-26	C1	0.14	20.25	10.13	1.418				
		G-26	C2	3.19	20.25	10.13	32.315				
										62.401	
G-26	G-27	G-26	C1	0.14	18.00	9.00	1.260				
547.20	565.20	G-26	C2	3.19	18.00	9.00	28.710				
		G-27	C1	0.18	18.00	9.00	1.620				
		G-27	C2	3.23	18.00	9.00	29.070				
										60.660	
G-27	G-28	G-27	C1	0.18	18.00	9.00	1.620				
565.20	583.20	G-27	C2	3.23	18.00	9.00	29.070				
		G-28	C1	3.22	18.00	9.00	28.980				
		G-28	C2	0.97	18.00	9.00	8.730				
										68.400	
G-28	G-29	G-28	C1	3.22	18.00	9.00	28.980				
583.20	601.20	G-28	C2	0.97	18.00	9.00	8.730				
							A RIPORTARE mc		37.710	1851.923	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DEI VOLUMI										Foglio n. 53	
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
							A RIPORTARE mc	37.710	1851.923		
		G-29	C1	3.35	18.00	9.00	30.150				
		G-29	C2	1.32	18.00	9.00	11.880				
										79.740	
G-29	G-30	G-29	C1	3.35	18.00	9.00	30.150				
601.20	619.20	G-29	C2	1.32	18.00	9.00	11.880				
		G-30	C1	1.73	18.00	9.00	15.570				
										57.600	
G-30	G-31	G-30	C1	1.73	18.24	9.12	15.778				
619.20	637.44	G-31	C1	2.44	18.24	9.12	22.253				
										38.031	
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO	2027.294		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DEI VOLUMI										Foglio n.	54
VEGETALE IN TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
G-1	G-2	G-2	F1	0.55	26.75	13.38	7.359				
										7.359	
G-2	G-3	G-2	F1	0.55	12.13	6.07	3.339				
26.75	38.88	G-3	F1	1.53	12.13	6.07	9.287				
		G-3	F2	2.01	12.13	6.07	12.201			24.827	
G-3	G-4	G-3	F1	1.53	15.00	7.50	11.475				
38.88	53.88	G-3	F2	2.01	15.00	7.50	15.075				
		G-4	F1	2.12	15.00	7.50	15.900				
		G-4	F2	1.61	15.00	7.50	12.075			54.525	
G-4	G-5	G-4	F1	2.12	19.95	9.97	21.136				
53.88	73.83	G-4	F2	1.61	19.95	9.97	16.052				
		G-5	F1	0.79	19.95	9.97	7.876				
		G-5	F2	0.63	19.95	9.97	6.281			51.345	
G-5	G-6	G-5	F1	0.79	24.08	12.04	9.512				
73.83	97.91	G-5	F2	0.63	24.08	12.04	7.585				
		G-6	F1	0.78	24.08	12.04	9.391				
		G-6	F2	0.71	24.08	12.04	8.548			35.036	
G-6	G-7	G-6	F1	0.78	23.20	11.60	9.048				
97.91	121.11	G-6	F2	0.71	23.20	11.60	8.236				
		G-7	F1	2.41	23.20	11.60	27.956			45.240	
G-7	G-8	G-7	F1	2.41	27.05	13.52	32.583				
121.11	148.16	G-8	F1	1.88	27.05	13.52	25.418			58.001	
G-8	G-9	G-8	F1	1.88	27.06	13.53	25.436			25.436	
G-21	G-22	G-22	F1	1.25	25.30	12.65	15.813			15.813	
G-22	G-23	G-22	F1	1.25	25.16	12.58	15.725			15.725	
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	333.307

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DEI VOLUMI										Foglio n. 56	
GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
							A RIPORTARE mc		435.952		
G-30	G-31	G-30	01	0.17	18.24	9.12	1.550				
619.20	637.44	G-30	02	0.28	18.24	9.12	2.554				
		G-30	03	1.18	18.24	9.12	10.762				
		G-30	04	0.92	18.24	9.12	8.390				
		G-30	05	0.36	18.24	9.12	3.283				
		G-30	06	1.62	18.24	9.12	14.774				
		G-31	01	0.65	18.24	9.12	5.928				
		G-31	02	0.12	18.24	9.12	1.094				
		G-31	03	2.12	18.24	9.12	19.334				
		G-31	04	1.05	18.24	9.12	9.576				
								77.245			
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO		513.197	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n. 57	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
G-1	G-2	G-2	a1	2.97	26.75	13.38	39.74		39.74		
G-2	G-3	G-2	a1	2.97	12.13	6.07	18.03		18.03		
G-6	G-7	G-7	a1	1.82	23.20	11.60	21.11		21.11		
G-7	G-8	G-7	a1	1.82	27.05	13.52	24.61				
121.11	148.16	G-8	a1	2.06	27.05	13.52	27.85		52.46		
G-8	G-9	G-8	a1	2.06	27.06	13.53	27.87				
148.16	175.22	G-9	a1	2.03	27.06	13.53	27.47				
		G-9	a2	8.39	27.06	13.53	113.52		168.86		
G-9	G-10	G-9	a1	2.03	20.70	10.35	21.01				
175.22	195.92	G-9	a2	8.39	20.70	10.35	86.84				
		G-10	a1	2.04	20.70	10.35	21.11		128.96		
G-10	G-10b	G-10	a1	2.04	0.01	0.01	0.02		0.02		
G-10t	G-11	G-11	a1	6.52	0.01	0.00	0.00				
G-11	G-12	G-11	a1	6.52	16.96	8.48	55.29				
225.48	242.44	G-12	a1	8.97	16.96	8.48	76.07				
		G-12	a2	6.49	16.96	8.48	55.04		186.40		
G-12	G-13	G-12	a1	8.97	9.33	4.67	41.89				
242.44	251.77	G-12	a2	6.49	9.33	4.67	30.31				
		G-13	a1	21.31	9.33	4.67	99.52				
		G-13	a2	5.57	9.33	4.67	26.01		197.73		
G-13	G-14	G-13	a1	21.31	26.61	13.30	283.42				
251.77	278.38	G-13	a2	5.57	26.61	13.30	74.08				
		G-14	a1	18.58	26.61	13.30	247.11				
		G-14	a2	3.81	26.61	13.30	50.67		655.28		
G-14	G-15	G-14	a1	18.58	27.70	13.85	257.33				
278.38	306.08	G-14	a2	3.81	27.70	13.85	52.77				
		G-15	a1	20.66	27.70	13.85	286.14				
		G-15	a2	3.79	27.70	13.85	52.49		648.73		
G-15	G-16	G-15	a1	20.66	13.67	6.84	141.31				
306.08	319.75	G-15	a2	3.79	13.67	6.84	25.92				
		G-16	a1	22.01	13.67	6.84	150.55				
		G-16	a2	3.61	13.67	6.84	24.69		342.47		
G-16	G-17	G-16	a1	22.01	11.38	5.69	125.24				
319.75	331.13	G-16	a2	3.61	11.38	5.69	20.54				
		G-17	a1	20.80	11.38	5.69	118.35				
		G-17	a2	3.32	11.38	5.69	18.89		283.02		
G-17	G-18	G-17	a1	20.80	27.10	13.55	281.84				
331.13	358.23	G-17	a2	3.32	27.10	13.55	44.99				
		G-18	a1	20.12	27.10	13.55	272.63				
		G-18	a2	2.28	27.10	13.55	30.89				
							A RIPORTARE mq	630.35	3373.16		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n. 58	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		630.35	3373.16	
G-18	G-19	G-18	a1	20.12	12.37	6.19	124.54	630.35			
358.23	370.60	G-18	a2	2.28	12.37	6.19	14.11				
		G-19	a1	19.59	12.37	6.19	121.26				
		G-19	a2	1.69	12.37	6.19	10.46				
G-19	G-20	G-19	a1	19.59	29.07	14.53	284.64	270.37			
370.60	399.67	G-19	a2	1.69	29.07	14.53	24.56				
		G-20	a1	24.26	29.07	14.53	352.50				
		G-20	a2	0.88	29.07	14.53	12.79				
G-20	G-21	G-20	a1	24.26	25.73	12.86	311.98	674.49			
399.67	425.40	G-20	a2	0.88	25.73	12.86	11.32				
		G-21	a1	9.71	25.73	12.86	124.87				
		G-21	a2	0.94	25.73	12.86	12.09				
G-21	G-22	G-21	a1	9.71	25.30	12.65	122.83	460.26			
425.40	450.70	G-21	a2	0.94	25.30	12.65	11.89				
		G-22	a1	6.35	25.30	12.65	80.33				
		G-22	a2	3.77	25.30	12.65	47.69				
G-22	G-23	G-22	a1	6.35	25.16	12.58	79.88	262.74			
450.70	475.86	G-22	a2	3.77	25.16	12.58	47.43				
		G-23	a1	7.29	25.16	12.58	91.71				
		G-23	a2	3.47	25.16	12.58	43.65				
G-23	G-24	G-23	a1	7.29	25.34	12.67	92.36	262.67			
475.86	501.20	G-23	a2	3.47	25.34	12.67	43.96				
		G-24	a1	5.08	25.34	12.67	64.36				
		G-24	a2	4.57	25.34	12.67	57.90				
G-24	G-25	G-24	a1	5.08	25.75	12.88	65.43	258.58			
501.20	526.95	G-24	a2	4.57	25.75	12.88	58.86				
		G-25	a1	9.21	25.75	12.88	118.62				
		G-25	a2	0.56	25.75	12.88	7.21				
G-25	G-26	G-25	a1	9.21	20.25	10.13	93.30	250.12			
526.95	547.20	G-25	a2	0.56	20.25	10.13	5.67				
		G-26	a1	11.02	20.25	10.13	111.63				
		G-26	a2	0.47	20.25	10.13	4.76				
G-26	G-27	G-26	a1	11.02	18.00	9.00	99.18	215.36			
547.20	565.20	G-26	a2	0.47	18.00	9.00	4.23				
		G-27	a1	10.94	18.00	9.00	98.46				
		G-27	a2	0.60	18.00	9.00	5.40				
G-27	G-28	G-27	a1	10.94	18.00	9.00	98.46	207.27			
565.20	583.20	G-27	a2	0.60	18.00	9.00	5.40				
		G-28	a2	11.07	18.00	9.00	99.63				
		G-28	a1	3.23	18.00	9.00	29.07				
							A RIPORTARE mq		232.56		
							A RIPORTARE mq		6467.58		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n. 59	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		6467.58		
G-28	G-29	G-28	a2	11.07	18.00	9.00	99.63				
583.20	601.20	G-28	a1	3.23	18.00	9.00	29.07				
		G-29	a2	11.48	18.00	9.00	103.32				
		G-29	a1	4.41	18.00	9.00	39.69				
										271.71	
G-29	G-30	G-29	a2	11.48	18.00	9.00	103.32				
601.20	619.20	G-29	a1	4.41	18.00	9.00	39.69				
		G-30	a1	6.01	18.00	9.00	54.09				
										197.10	
G-30	G-31	G-30	a1	6.01	18.24	9.12	54.81				
619.20	637.44	G-31	a1	8.42	18.24	9.12	76.79				
										131.60	
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO		7067.99	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n.	60
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
G-1	G-2	G-2	b1	1.49	26.75	13.38	19.94	19.94			
G-2	G-3	G-2	b1	1.49	12.13	6.07	9.04	19.94			
26.75	38.88	G-3	b1	4.67	12.13	6.07	28.35	19.94			
		G-3	b2	5.87	12.13	6.07	35.63	73.02			
G-3	G-4	G-3	b1	4.67	15.00	7.50	35.02	73.02			
38.88	53.88	G-3	b2	5.87	15.00	7.50	44.02	73.02			
		G-4	b1	6.94	15.00	7.50	52.05	166.11			
		G-4	b2	4.67	15.00	7.50	35.02	166.11			
G-4	G-5	G-4	b1	6.94	19.95	9.97	69.19	166.11			
53.88	73.83	G-4	b2	4.67	19.95	9.97	46.56	166.11			
		G-5	b1	3.00	19.95	9.97	29.91	168.39			
		G-5	b2	2.28	19.95	9.97	22.73	168.39			
G-5	G-6	G-5	b1	3.00	24.08	12.04	36.12	168.39			
73.83	97.91	G-5	b2	2.28	24.08	12.04	27.45	168.39			
		G-6	b1	2.29	24.08	12.04	27.57	110.77			
		G-6	b2	1.63	24.08	12.04	19.63	110.77			
G-6	G-7	G-6	b1	2.29	23.20	11.60	26.56	110.77			
97.91	121.11	G-6	b2	1.63	23.20	11.60	18.91	110.77			
		G-7	b1	7.58	23.20	11.60	87.93	133.40			
G-7	G-8	G-7	b1	7.58	27.05	13.52	102.48	133.40			
121.11	148.16	G-8	b1	5.77	27.05	13.52	78.01	180.49			
G-8	G-9	G-8	b1	5.77	27.06	13.53	78.07	180.49			
								78.07			
Il Direttore dei Lavori							L'Impresa		TOTALE ARTICOLO		930.19

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n. 61	
SCOTICO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
G-9	G-10	G-10	c1	1.03	20.70	10.35	10.66		10.66		
G-10	G-10b	G-10	c1	1.03	0.01	0.01	0.01		0.01		
G-11	G-12	G-12	c1	11.05	16.96	8.48	93.70		93.70		
G-12	G-13	G-12	c1	11.05	9.33	4.67	51.60				
242.44	251.77	G-13	c1	15.47	9.33	4.67	72.24				
		G-13	c2	7.53	9.33	4.67	35.17				
G-13	G-14	G-13	c1	15.47	26.61	13.30	205.75				
251.77	278.38	G-13	c2	7.53	26.61	13.30	100.15				
		G-14	c1	24.23	26.61	13.30	322.26				
G-14	G-15	G-14	c1	24.23	27.70	13.85	335.59		628.16		
278.38	306.08	G-15	c1	28.47	27.70	13.85	394.31				
G-15	G-16	G-15	c1	28.47	13.67	6.84	194.73				
306.08	319.75	G-16	c1	9.45	13.67	6.84	64.64				
		G-16	c2	4.31	13.67	6.84	29.48				
		G-16	c3	8.81	13.67	6.84	60.26				
G-16	G-17	G-16	c1	9.45	11.38	5.69	53.77				
319.75	331.13	G-16	c2	4.31	11.38	5.69	24.52				
		G-16	c3	8.81	11.38	5.69	50.13				
		G-17	c1	32.09	11.38	5.69	182.59				
G-17	G-18	G-17	c1	32.09	27.10	13.55	434.82				
331.13	358.23	G-18	c1	12.19	27.10	13.55	165.17				
		G-18	c2	7.75	27.10	13.55	105.01				
		G-18	c3	9.94	27.10	13.55	134.69				
G-18	G-19	G-18	c1	12.19	12.37	6.19	75.46				
358.23	370.60	G-18	c2	7.75	12.37	6.19	47.97				
		G-18	c3	9.94	12.37	6.19	61.53				
		G-19	c1	4.41	12.37	6.19	27.30				
		G-19	c2	3.72	12.37	6.19	23.03				
		G-19	c3	3.45	12.37	6.19	21.36				
		G-19	c4	11.84	12.37	6.19	73.29				
		G-19	c5	5.25	12.37	6.19	32.50				
G-19	G-20	G-19	c1	4.41	29.07	14.53	64.08				
370.60	399.67	G-19	c2	3.72	29.07	14.53	54.05				
		G-19	c3	3.45	29.07	14.53	50.13				
		G-19	c4	11.84	29.07	14.53	172.04				
		G-19	c5	5.25	29.07	14.53	76.28				
		G-20	c1	7.42	29.07	14.53	107.81				
		G-20	c2	24.67	29.07	14.53	358.46				
G-20	G-21	G-20	c1	7.42	25.73	12.86	95.42				
399.67	425.40	G-20	c2	24.67	25.73	12.86	317.26				
		G-21	c1	0.96	25.73	12.86	12.35				
		G-21	c2	12.49	25.73	12.86	160.62				
A RIPORTARE mq							585.65	4366.54			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n. 62	
SCOTICO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		585.65	4366.54	
		G-21	c3	5.70	25.73	12.86	73.30				
G-21	G-22	G-21	c1	0.96	25.30	12.65	12.14		658.95		
425.40	450.70	G-21	c2	12.49	25.30	12.65	158.00				
		G-21	c3	5.70	25.30	12.65	72.11				
		G-22	c1	6.57	25.30	12.65	83.11				
		G-22	c2	8.58	25.30	12.65	108.54				
G-22	G-23	G-22	c1	6.57	25.16	12.58	82.65		433.90		
450.70	475.86	G-22	c2	8.58	25.16	12.58	107.94				
		G-23	c1	19.55	25.16	12.58	245.94				
G-23	G-24	G-23	c1	19.55	25.34	12.67	247.70		436.53		
475.86	501.20	G-24	c1	12.69	25.34	12.67	160.78				
		G-24	c2	5.98	25.34	12.67	75.77				
G-24	G-25	G-24	c1	12.69	25.75	12.88	163.45		484.25		
501.20	526.95	G-24	c2	5.98	25.75	12.88	77.02				
		G-25	c1	11.20	25.75	12.88	144.26				
		G-25	c2	6.09	25.75	12.88	78.44				
		G-25	c3	1.38	25.75	12.88	17.77				
G-25	G-26	G-25	c1	11.20	20.25	10.13	113.46		480.94		
526.95	547.20	G-25	c2	6.09	20.25	10.13	61.69				
		G-25	c3	1.38	20.25	10.13	13.98				
		G-26	c1	4.29	20.25	10.13	43.46				
		G-26	c2	5.16	20.25	10.13	52.27				
		G-26	c3	10.22	20.25	10.13	103.53				
G-26	G-27	G-26	c1	4.29	18.00	9.00	38.61		388.39		
547.20	565.20	G-26	c2	5.16	18.00	9.00	46.44				
		G-26	c3	10.22	18.00	9.00	91.98				
		G-27	c1	14.10	18.00	9.00	126.90				
		G-27	c2	6.17	18.00	9.00	55.53				
G-27	G-28	G-27	c1	14.10	18.00	9.00	126.90		359.46		
565.20	583.20	G-27	c2	6.17	18.00	9.00	55.53				
		G-28	c1	10.35	18.00	9.00	93.15				
		G-28	c2	11.94	18.00	9.00	107.46				
G-28	G-29	G-28	c1	10.35	18.00	9.00	93.15		383.04		
583.20	601.20	G-28	c2	11.94	18.00	9.00	107.46				
		G-29	c1	16.32	18.00	9.00	146.88				
		G-29	c2	6.66	18.00	9.00	59.94				
G-29	G-30	G-29	c1	16.32	18.00	9.00	146.88		407.43		
601.20	619.20	G-29	c2	6.66	18.00	9.00	59.94				
G-30	G-31	G-31	c1	7.23	18.24	9.12	65.94		206.82		
Il Direttore dei Lavori							L'Impresa		TOTALE ARTICOLO		8672.19

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n.	63
SCOTICO SU GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
G-10t	G-11	G-11	e1	14.56	0.01	0.00	0.00				
G-11	G-12	G-11	e1	14.56	16.96	8.48	123.47				
225.48	242.44	G-12	e1	8.43	16.96	8.48	71.49				
										194.96	
G-12	G-13	G-12	e1	8.43	9.33	4.67	39.37				
242.44	251.77	G-13	e1	12.80	9.33	4.67	59.78				
										99.15	
G-13	G-14	G-13	e1	12.80	26.61	13.30	170.24				
251.77	278.38	G-14	e1	6.52	26.61	13.30	86.72				
										256.96	
G-14	G-15	G-14	e1	6.52	27.70	13.85	90.30				
278.38	306.08	G-15	e1	4.70	27.70	13.85	65.09				
										155.39	
G-15	G-16	G-15	e1	4.70	13.67	6.84	32.15				
306.08	319.75	G-16	e1	10.50	13.67	6.84	71.82				
										103.97	
G-16	G-17	G-16	e1	10.50	11.38	5.69	59.75				
										59.75	
G-29	G-30	G-30	e1	20.76	18.00	9.00	186.84				
										186.84	
G-30	G-31	G-30	e1	20.76	18.24	9.12	189.33				
619.20	637.44	G-31	e1	13.06	18.24	9.12	119.11				
										308.44	
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	1365.46

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n.	64
BONIFICA RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
G-9	G-10	G-10	f1	1.03	20.70	10.35	10.66		10.66		
G-10	G-10b	G-10	f1	1.03	0.01	0.01	0.01		0.01		
G-11	G-12	G-12	f1	11.05	16.96	8.48	93.70		93.70		
G-12	G-13	G-12	f1	11.05	9.33	4.67	51.60				
242.44	251.77	G-13	f1	15.47	9.33	4.67	72.24				
		G-13	f2	7.53	9.33	4.67	35.17				
G-13	G-14	G-13	f1	15.47	26.61	13.30	205.75		159.01		
251.77	278.38	G-13	f2	7.53	26.61	13.30	100.15				
		G-14	f1	24.23	26.61	13.30	322.26				
G-14	G-15	G-14	f1	24.23	27.70	13.85	335.59		628.16		
278.38	306.08	G-15	f1	28.47	27.70	13.85	394.31				
G-15	G-16	G-15	f1	28.47	13.67	6.84	194.73				
306.08	319.75	G-16	f1	9.45	13.67	6.84	64.64				
		G-16	f2	4.31	13.67	6.84	29.48				
		G-16	f3	8.81	13.67	6.84	60.26				
G-16	G-17	G-16	f1	9.45	11.38	5.69	53.77				
319.75	331.13	G-16	f2	4.31	11.38	5.69	24.52				
		G-16	f3	8.81	11.38	5.69	50.13				
		G-17	f1	32.09	11.38	5.69	182.59				
G-17	G-18	G-17	f1	32.09	27.10	13.55	434.82		311.01		
331.13	358.23	G-18	f3	9.94	27.10	13.55	134.69				
		G-18	f1	12.19	27.10	13.55	165.17				
		G-18	f2	7.75	27.10	13.55	105.01				
G-18	G-19	G-18	f3	9.94	12.37	6.19	61.53			839.69	
358.23	370.60	G-18	f1	12.19	12.37	6.19	75.46				
		G-18	f2	7.75	12.37	6.19	47.97				
		G-19	f1	4.41	12.37	6.19	27.30				
		G-19	f2	3.72	12.37	6.19	23.03				
		G-19	f3	3.45	12.37	6.19	21.36				
		G-19	f4	11.84	12.37	6.19	73.29				
		G-19	f5	5.25	12.37	6.19	32.50				
G-19	G-20	G-19	f1	4.41	29.07	14.53	64.08			362.44	
370.60	399.67	G-19	f2	3.72	29.07	14.53	54.05				
		G-19	f3	3.45	29.07	14.53	50.13				
		G-19	f4	11.84	29.07	14.53	172.04				
		G-19	f5	5.25	29.07	14.53	76.28				
		G-20	f1	7.42	29.07	14.53	107.81				
		G-20	f2	24.67	29.07	14.53	358.46				
G-20	G-21	G-20	f1	7.42	25.73	12.86	95.42			882.85	
399.67	425.40	G-20	f2	24.67	25.73	12.86	317.26				
		G-21	f1	0.96	25.73	12.86	12.35				
		G-21	f2	12.49	25.73	12.86	160.62				
A RIPORTARE mq							585.65		4366.54		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n. 65	
BONIFICA RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		585.65	4366.54	
		G-21	f3	5.70	25.73	12.86	73.30				
											658.95
G-21	G-22	G-21	f1	0.96	25.30	12.65	12.14				
425.40	450.70	G-21	f2	12.49	25.30	12.65	158.00				
		G-21	f3	5.70	25.30	12.65	72.11				
		G-22	f1	6.57	25.30	12.65	83.11				
		G-22	f2	8.58	25.30	12.65	108.54				
											433.90
G-22	G-23	G-22	f1	6.57	25.16	12.58	82.65				
450.70	475.86	G-22	f2	8.58	25.16	12.58	107.94				
		G-23	f1	19.55	25.16	12.58	245.94				
											436.53
G-23	G-24	G-23	f1	19.55	25.34	12.67	247.70				
475.86	501.20	G-24	f1	12.69	25.34	12.67	160.78				
		G-24	f2	5.98	25.34	12.67	75.77				
											484.25
G-24	G-25	G-24	f1	12.69	25.75	12.88	163.45				
501.20	526.95	G-24	f2	5.98	25.75	12.88	77.02				
		G-25	f1	11.20	25.75	12.88	144.26				
		G-25	f2	6.09	25.75	12.88	78.44				
		G-25	f3	1.38	25.75	12.88	17.77				
											480.94
G-25	G-26	G-25	f1	11.20	20.25	10.13	113.46				
526.95	547.20	G-25	f2	6.09	20.25	10.13	61.69				
		G-25	f3	1.38	20.25	10.13	13.98				
		G-26	f1	4.29	20.25	10.13	43.46				
		G-26	f2	5.16	20.25	10.13	52.27				
		G-26	f3	10.22	20.25	10.13	103.53				
											388.39
G-26	G-27	G-26	f1	4.29	18.00	9.00	38.61				
547.20	565.20	G-26	f2	5.16	18.00	9.00	46.44				
		G-26	f3	10.22	18.00	9.00	91.98				
		G-27	f1	14.10	18.00	9.00	126.90				
		G-27	f2	6.17	18.00	9.00	55.53				
											359.46
G-27	G-28	G-27	f1	14.10	18.00	9.00	126.90				
565.20	583.20	G-27	f2	6.17	18.00	9.00	55.53				
		G-28	f1	10.35	18.00	9.00	93.15				
		G-28	f2	11.94	18.00	9.00	107.46				
											383.04
G-28	G-29	G-28	f1	10.35	18.00	9.00	93.15				
583.20	601.20	G-28	f2	11.94	18.00	9.00	107.46				
		G-29	f1	16.32	18.00	9.00	146.88				
		G-29	f2	6.66	18.00	9.00	59.94				
											407.43
G-29	G-30	G-29	f1	16.32	18.00	9.00	146.88				
601.20	619.20	G-29	f2	6.66	18.00	9.00	59.94				
											206.82
G-30	G-31	G-31	f1	7.23	18.24	9.12	65.94				
											65.94
Il Direttore dei Lavori							L'Impresa		TOTALE ARTICOLO		8672.19

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev	Data
F0	20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										
										Foglio n. 66
USURA										
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq		
G-1	G-2	G-2	gl	16.98	26.75	13.38	227.19			
G-2	G-3	G-2	gl	16.98	12.13	6.07	103.07			227.19
26.75	38.88	G-3	gl	11.16	12.13	6.07	67.74			
G-3	G-4	G-3	gl	11.16	15.00	7.50	83.70			170.81
38.88	53.88	G-4	gl	9.20	15.00	7.50	69.00			
G-4	G-5	G-4	gl	9.20	19.95	9.97	91.72			152.70
53.88	73.83	G-5	gl	9.20	19.95	9.97	91.72			
G-5	G-6	G-5	gl	9.20	24.08	12.04	110.77			183.44
73.83	97.91	G-6	gl	9.21	24.08	12.04	110.89			
G-6	G-7	G-6	gl	9.21	23.20	11.60	106.84			221.66
97.91	121.11	G-7	gl	9.48	23.20	11.60	109.97			
G-7	G-8	G-7	gl	9.48	27.05	13.52	128.17			216.81
121.11	148.16	G-8	gl	10.01	27.05	13.52	135.34			
G-8	G-9	G-8	gl	10.01	27.06	13.53	135.44			263.51
148.16	175.22	G-9	gl	10.20	27.06	13.53	138.01			
G-9	G-10	G-9	gl	10.20	20.70	10.35	105.57			273.45
175.22	195.92	G-10	gl	9.53	20.70	10.35	98.64			
G-10	G-10b	G-10	gl	9.53	0.01	0.01	0.10			204.21
G-10t	G-11	G-10	gl	9.20	0.01	0.00	0.00			0.10
G-11	G-12	G-11	gl	9.20	16.96	8.48	78.02			
225.48	242.44	G-12	gl	9.10	16.96	8.48	77.17			
G-12	G-13	G-12	gl	9.10	9.33	4.67	42.50			155.19
242.44	251.77	G-13	gl	9.10	9.33	4.67	42.50			
G-13	G-14	G-13	gl	9.10	26.61	13.30	121.03			85.00
251.77	278.38	G-14	gl	9.10	26.61	13.30	121.03			
G-14	G-15	G-14	gl	9.10	27.70	13.85	126.04			242.06
278.38	306.08	G-15	gl	9.11	27.70	13.85	126.17			
G-15	G-16	G-15	gl	9.11	13.67	6.84	62.31			252.21
306.08	319.75	G-16	gl	9.11	13.67	6.84	62.31			
G-16	G-17	G-16	gl	9.11	11.38	5.69	51.84			124.62
319.75	331.13	G-17	gl	9.11	11.38	5.69	51.84			
G-17	G-18	G-17	gl	9.11	27.10	13.55	123.44			103.68
331.13	358.23	G-18	gl	9.10	27.10	13.55	123.31			
G-18	G-19	G-18	gl	9.10	12.37	6.19	56.33			246.75
358.23	370.60	G-19	gl	9.10	12.37	6.19	56.33			
										112.66
A RIPORTARE mq										3236.05

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n.	67
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
										A RIPORTARE mq	3236.05
G-19	G-20	G-19	g1	9.10	29.07	14.53	132.22				
370.60	399.67	G-20	g1	9.10	29.07	14.53	132.22				
										264.44	
G-20	G-21	G-20	g1	9.10	25.73	12.86	117.03				
399.67	425.40	G-21	g1	9.10	25.73	12.86	117.03				
										234.06	
G-21	G-22	G-21	g1	9.10	25.30	12.65	115.11				
425.40	450.70	G-22	g1	9.10	25.30	12.65	115.11				
										230.22	
G-22	G-23	G-22	g1	9.10	25.16	12.58	114.48				
450.70	475.86	G-23	g1	9.11	25.16	12.58	114.60				
										229.08	
G-23	G-24	G-23	g1	9.11	25.34	12.67	115.42				
475.86	501.20	G-24	g1	9.11	25.34	12.67	115.42				
										230.84	
G-24	G-25	G-24	g1	9.11	25.75	12.88	117.34				
501.20	526.95	G-25	g1	9.10	25.75	12.88	117.21				
										234.55	
G-25	G-26	G-25	g1	9.10	20.25	10.13	92.18				
526.95	547.20	G-26	g1	9.10	20.25	10.13	92.18				
										184.36	
G-26	G-27	G-26	g1	9.10	18.00	9.00	81.90				
547.20	565.20	G-27	g1	9.10	18.00	9.00	81.90				
										163.80	
G-27	G-28	G-27	g1	9.10	18.00	9.00	81.90				
565.20	583.20	G-28	g1	9.20	18.00	9.00	82.80				
										164.70	
G-28	G-29	G-28	g1	9.20	18.00	9.00	82.80				
583.20	601.20	G-29	g1	9.20	18.00	9.00	82.80				
										165.60	
G-29	G-30	G-29	g1	9.20	18.00	9.00	82.80				
601.20	619.20	G-30	g1	9.20	18.00	9.00	82.80				
										165.60	
G-30	G-31	G-30	g1	9.20	18.24	9.12	83.90				
619.20	637.44	G-31	g1	9.20	18.24	9.12	83.90				
										167.80	
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	5671.10

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI											Foglio n.	68	
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					
G-1	G-2	G-2	h1	17.08	26.75	13.38	228.53		228.53				
G-2	G-3	G-2	h1	17.08	12.13	6.07	103.68						
26.75	38.88	G-3	h1	11.36	12.13	6.07	68.96						
G-3	G-4	G-3	h1	11.36	15.00	7.50	85.20						
38.88	53.88	G-4	h1	9.40	15.00	7.50	70.50						
G-4	G-5	G-4	h1	9.40	19.95	9.97	93.72						
53.88	73.83	G-5	h1	9.40	19.95	9.97	93.72						
G-5	G-6	G-5	h1	9.40	24.08	12.04	113.18						
73.83	97.91	G-6	h1	9.41	24.08	12.04	113.30						
G-6	G-7	G-6	h1	9.41	23.20	11.60	109.16						
97.91	121.11	G-7	h1	9.68	23.20	11.60	112.29						
G-7	G-8	G-7	h1	9.68	27.05	13.52	130.87						
121.11	148.16	G-8	h1	10.21	27.05	13.52	138.04						
G-8	G-9	G-8	h1	10.21	27.06	13.53	138.14						
148.16	175.22	G-9	h1	10.40	27.06	13.53	140.71						
G-9	G-10	G-9	h1	10.40	20.70	10.35	107.64						
175.22	195.92	G-10	h1	9.73	20.70	10.35	100.71						
G-10	G-10b	G-10	h1	9.73	0.01	0.01	0.10						
G-10t	G-11	G-10	h1	9.40	0.01	0.00	0.00						
G-11	G-12	G-11	h1	9.40	16.96	8.48	79.71						
225.48	242.44	G-12	h1	9.20	16.96	8.48	78.02						
G-12	G-13	G-12	h1	9.20	9.33	4.67	42.96						
242.44	251.77	G-13	h1	9.20	9.33	4.67	42.96						
G-13	G-14	G-13	h1	9.20	26.61	13.30	122.36						
251.77	278.38	G-14	h1	9.20	26.61	13.30	122.36						
G-14	G-15	G-14	h1	9.20	27.70	13.85	127.42						
278.38	306.08	G-15	h1	9.21	27.70	13.85	127.56						
G-15	G-16	G-15	h1	9.21	13.67	6.84	63.00						
306.08	319.75	G-16	h1	9.21	13.67	6.84	63.00						
G-16	G-17	G-16	h1	9.21	11.38	5.69	52.40						
319.75	331.13	G-17	h1	9.21	11.38	5.69	52.40						
G-17	G-18	G-17	h1	9.21	27.10	13.55	124.80						
331.13	358.23	G-18	h1	9.20	27.10	13.55	124.66						
G-18	G-19	G-18	h1	9.20	12.37	6.19	56.95						
358.23	370.60	G-19	h1	9.20	12.37	6.19	56.95						
										113.90			
											A RIPORTARE mq	3285.96	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n.	69
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			
										A RIPORTARE mq	3285.96
G-19	G-20	G-19	h1	9.20	29.07	14.53	133.68				
370.60	399.67	G-20	h1	9.20	29.07	14.53	133.68				
											267.36
G-20	G-21	G-20	h1	9.20	25.73	12.86	118.31				
399.67	425.40	G-21	h1	9.20	25.73	12.86	118.31				
											236.62
G-21	G-22	G-21	h1	9.20	25.30	12.65	116.38				
425.40	450.70	G-22	h1	9.20	25.30	12.65	116.38				
											232.76
G-22	G-23	G-22	h1	9.20	25.16	12.58	115.74				
450.70	475.86	G-23	h1	9.21	25.16	12.58	115.86				
											231.60
G-23	G-24	G-23	h1	9.21	25.34	12.67	116.69				
475.86	501.20	G-24	h1	9.21	25.34	12.67	116.69				
											233.38
G-24	G-25	G-24	h1	9.21	25.75	12.88	118.62				
501.20	526.95	G-25	h1	9.20	25.75	12.88	118.50				
											237.12
G-25	G-26	G-25	h1	9.20	20.25	10.13	93.20				
526.95	547.20	G-26	h1	9.20	20.25	10.13	93.20				
											186.40
G-26	G-27	G-26	h1	9.20	18.00	9.00	82.80				
547.20	565.20	G-27	h1	9.20	18.00	9.00	82.80				
											165.60
G-27	G-28	G-27	h1	9.20	18.00	9.00	82.80				
565.20	583.20	G-28	h1	9.40	18.00	9.00	84.60				
											167.40
G-28	G-29	G-28	h1	9.40	18.00	9.00	84.60				
583.20	601.20	G-29	h1	9.40	18.00	9.00	84.60				
											169.20
G-29	G-30	G-29	h1	9.40	18.00	9.00	84.60				
601.20	619.20	G-30	h1	9.40	18.00	9.00	84.60				
											169.20
G-30	G-31	G-30	h1	9.40	18.24	9.12	85.73				
619.20	637.44	G-31	h1	9.40	18.24	9.12	85.73				
											171.46
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	5754.06

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n.	70
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			
G-1	G-2	G-2	i1	17.34	26.75	13.38	232.01				
G-2	G-3	G-2	i1	17.34	12.13	6.07	105.25		232.01		
26.75	38.88	G-3	i1	11.87	12.13	6.07	72.05				
G-3	G-4	G-3	i1	11.87	15.00	7.50	89.02			177.30	
38.88	53.88	G-4	i1	9.92	15.00	7.50	74.40				
G-4	G-5	G-4	i1	9.92	19.95	9.97	98.90			163.42	
53.88	73.83	G-5	i1	9.91	19.95	9.97	98.80				
G-5	G-6	G-5	i1	9.91	24.08	12.04	119.32			197.70	
73.83	97.91	G-6	i1	9.91	24.08	12.04	119.32				
G-6	G-7	G-6	i1	9.91	23.20	11.60	114.96			238.64	
97.91	121.11	G-7	i1	10.18	23.20	11.60	118.09				
G-7	G-8	G-7	i1	10.18	27.05	13.52	137.63			233.05	
121.11	148.16	G-8	i1	10.71	27.05	13.52	144.80				
G-8	G-9	G-8	i1	10.71	27.06	13.53	144.91			282.43	
148.16	175.22	G-9	i1	10.90	27.06	13.53	147.48				
G-9	G-10	G-9	i1	10.90	20.70	10.35	112.82			292.39	
175.22	195.92	G-10	i1	9.97	20.70	10.35	103.19				
G-10	G-10b	G-10	i1	9.97	0.01	0.01	0.10			216.01	
G-10t	G-11	G-10	i1							0.10	
G-11	G-12	G-11	i1	9.65	0.01	0.00	0.00				
225.48	242.44	G-12	i1	9.65	16.96	8.48	81.83				
G-12	G-13	G-12	i1	9.20	16.96	8.48	78.02			159.85	
242.44	251.77	G-13	i1	9.20	9.33	4.67	42.96				
G-13	G-14	G-13	i1	9.46	9.33	4.67	44.18			87.14	
251.77	278.38	G-14	i1	9.46	26.61	13.30	125.82				
G-14	G-15	G-14	i1	9.45	26.61	13.30	125.69			251.51	
278.38	306.08	G-15	i1	9.45	27.70	13.85	130.88				
G-15	G-16	G-15	i1	9.45	27.70	13.85	130.88			261.76	
306.08	319.75	G-16	i1	9.45	13.67	6.84	64.64				
G-16	G-17	G-16	i1	9.45	13.67	6.84	64.64			129.28	
319.75	331.13	G-17	i1	9.45	11.38	5.69	53.77				
G-17	G-18	G-17	i1	9.45	11.38	5.69	53.77			107.54	
331.13	358.23	G-18	i1	9.45	27.10	13.55	128.05				
G-18	G-19	G-18	i1	9.45	27.10	13.55	128.05			256.10	
358.23	370.60	G-19	i1	9.45	12.37	6.19	58.50				
G-19		G-19	i1	9.45	12.37	6.19	58.50			117.00	
							A RIPORTARE mq			3403.23	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n.	71
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			
										A RIPORTARE mq	3403.23
G-19	G-20	G-19	i1	9.45	29.07	14.53	137.31				
370.60	399.67	G-20	i1	9.46	29.07	14.53	137.45				
										274.76	
G-20	G-21	G-20	i1	9.46	25.73	12.86	121.66				
399.67	425.40	G-21	i1	9.46	25.73	12.86	121.66				
										243.32	
G-21	G-22	G-21	i1	9.46	25.30	12.65	119.67				
425.40	450.70	G-22	i1	9.46	25.30	12.65	119.67				
										239.34	
G-22	G-23	G-22	i1	9.46	25.16	12.58	119.01				
450.70	475.86	G-23	i1	9.47	25.16	12.58	119.13				
										238.14	
G-23	G-24	G-23	i1	9.47	25.34	12.67	119.98				
475.86	501.20	G-24	i1	9.47	25.34	12.67	119.98				
										239.96	
G-24	G-25	G-24	i1	9.47	25.75	12.88	121.97				
501.20	526.95	G-25	i1	9.46	25.75	12.88	121.84				
										243.81	
G-25	G-26	G-25	i1	9.46	20.25	10.13	95.83				
526.95	547.20	G-26	i1	9.46	20.25	10.13	95.83				
										191.66	
G-26	G-27	G-26	i1	9.46	18.00	9.00	85.14				
547.20	565.20	G-27	i1	9.46	18.00	9.00	85.14				
										170.28	
G-27	G-28	G-27	i1	9.46	18.00	9.00	85.14				
565.20	583.20	G-28	i1	9.92	18.00	9.00	89.28				
										174.42	
G-28	G-29	G-28	i1	9.92	18.00	9.00	89.28				
583.20	601.20	G-29	i1	9.92	18.00	9.00	89.28				
										178.56	
G-29	G-30	G-29	i1	9.92	18.00	9.00	89.28				
601.20	619.20	G-30	i1	9.92	18.00	9.00	89.28				
										178.56	
G-30	G-31	G-30	i1	9.92	18.24	9.12	90.47				
619.20	637.44	G-31	i1	9.66	18.24	9.12	88.10				
										178.57	
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	5954.61

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A G

COMPUTO DI SUPERFICI										Foglio n. 72	
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
G-1	G-2	G-2	ml	17.80	26.75	13.38	238.16				
G-2	G-3	G-2	ml	17.80	12.13	6.07	108.05	238.16			
26.75	38.88	G-3	ml	12.79	12.13	6.07	77.64				
G-3	G-4	G-3	ml	12.79	15.00	7.50	95.92	185.69			
38.88	53.88	G-4	ml	10.84	15.00	7.50	81.30				
G-4	G-5	G-4	ml	10.84	19.95	9.97	108.07	177.22			
53.88	73.83	G-5	ml	10.82	19.95	9.97	107.88				
G-5	G-6	G-5	ml	10.82	24.08	12.04	130.27	215.95			
73.83	97.91	G-6	ml	10.82	24.08	12.04	130.27				
G-6	G-7	G-6	ml	10.82	23.20	11.60	125.51	260.54			
97.91	121.11	G-7	ml	11.08	23.20	11.60	128.53				
G-7	G-8	G-7	ml	11.08	27.05	13.52	149.80	254.04			
121.11	148.16	G-8	ml	11.62	27.05	13.52	157.10				
G-8	G-9	G-8	ml	11.62	27.06	13.53	157.22	306.90			
148.16	175.22	G-9	ml	11.81	27.06	13.53	159.79				
G-9	G-10	G-9	ml	11.81	20.70	10.35	122.23	317.01			
175.22	195.92	G-10	ml	10.40	20.70	10.35	107.64				
G-10	G-10b	G-10	ml	10.40	0.01	0.01	0.10	229.87			
G-10t	G-11	G-10	ml	10.10	0.01	0.00	0.00	0.10			
G-11	G-12	G-11	ml	10.10	16.96	8.48	85.65				
225.48	242.44	G-12	ml	9.20	16.96	8.48	78.02	163.67			
G-12	G-13	G-12	ml	9.20	9.33	4.67	42.96				
242.44	251.77	G-13	ml	9.92	9.33	4.67	46.33	89.29			
G-13	G-14	G-13	ml	9.92	26.61	13.30	131.94				
251.77	278.38	G-14	ml	9.90	26.61	13.30	131.67	263.61			
G-14	G-15	G-14	ml	9.90	27.70	13.85	137.12				
278.38	306.08	G-15	ml	9.88	27.70	13.85	136.84	273.96			
G-15	G-16	G-15	ml	9.88	13.67	6.84	67.58				
306.08	319.75	G-16	ml	9.88	13.67	6.84	67.58	135.16			
G-16	G-17	G-16	ml	9.88	11.38	5.69	56.22				
319.75	331.13	G-17	ml	9.88	11.38	5.69	56.22	112.44			
G-17	G-18	G-17	ml	9.88	27.10	13.55	133.87				
331.13	358.23	G-18	ml	9.89	27.10	13.55	134.01	267.88			
G-18	G-19	G-18	ml	9.89	12.37	6.19	61.22				
358.23	370.60	G-19	ml	9.90	12.37	6.19	61.28	122.50			
							A RIPORTARE mq			3613.99	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A G

COMPUTO DI SUPERFICI										Foglio n.	73	
FONDAZIONE												
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq				
										A RIPORTARE mq	3613.99	
G-19	G-20	G-19	ml	9.90	29.07	14.53	143.85					
370.60	399.67	G-20	ml	9.92	29.07	14.53	144.14					
										287.99		
G-20	G-21	G-20	ml	9.92	25.73	12.86	127.57					
399.67	425.40	G-21	ml	9.92	25.73	12.86	127.57					
										255.14		
G-21	G-22	G-21	ml	9.92	25.30	12.65	125.49					
425.40	450.70	G-22	ml	9.92	25.30	12.65	125.49					
										250.98		
G-22	G-23	G-22	ml	9.92	25.16	12.58	124.79					
450.70	475.86	G-23	ml	9.95	25.16	12.58	125.17					
										249.96		
G-23	G-24	G-23	ml	9.95	25.34	12.67	126.07					
475.86	501.20	G-24	ml	9.95	25.34	12.67	126.07					
										252.14		
G-24	G-25	G-24	ml	9.95	25.75	12.88	128.16					
501.20	526.95	G-25	ml	9.92	25.75	12.88	127.77					
										255.93		
G-25	G-26	G-25	ml	9.92	20.25	10.13	100.49					
526.95	547.20	G-26	ml	9.92	20.25	10.13	100.49					
										200.98		
G-26	G-27	G-26	ml	9.92	18.00	9.00	89.28					
547.20	565.20	G-27	ml	9.92	18.00	9.00	89.28					
										178.56		
G-27	G-28	G-27	ml	9.92	18.00	9.00	89.28					
565.20	583.20	G-28	ml	10.84	18.00	9.00	97.56					
										186.84		
G-28	G-29	G-28	ml	10.84	18.00	9.00	97.56					
583.20	601.20	G-29	ml	10.84	18.00	9.00	97.56					
										195.12		
G-29	G-30	G-29	ml	10.84	18.00	9.00	97.56					
601.20	619.20	G-30	ml	10.84	18.00	9.00	97.56					
										195.12		
G-30	G-31	G-30	ml	10.84	18.24	9.12	98.86					
619.20	637.44	G-31	ml	10.12	18.24	9.12	92.29					
										191.15		
Il Direttore dei Lavori										L'Impresa	TOTALE ARTICOLO	6313.90

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DI SUPERFICI										Foglio n.	74
BONIFICA TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
G-1	G-2	G-2	o1	17.80	26.75	13.38	238.16		238.16		
G-2	G-3	G-2	o1	17.80	12.13	6.07	108.05				
26.75	38.88	G-3	o1	12.79	12.13	6.07	77.64				
G-3	G-4	G-3	o1	12.79	15.00	7.50	95.92				
38.88	53.88	G-4	o1	10.84	15.00	7.50	81.30				
G-4	G-5	G-4	o1	10.84	19.95	9.97	108.07				
53.88	73.83	G-5	o1	10.82	19.95	9.97	107.88				
G-5	G-6	G-5	o1	10.82	24.08	12.04	130.27				
73.83	97.91	G-6	o1	10.82	24.08	12.04	130.27				
G-6	G-7	G-6	o1	10.82	23.20	11.60	125.51				
97.91	121.11	G-7	o1	11.08	23.20	11.60	128.53				
G-7	G-8	G-7	o1	11.08	27.05	13.52	149.80				
121.11	148.16	G-8	o1	11.62	27.05	13.52	157.10				
G-8	G-9	G-8	o1	11.62	27.06	13.53	157.22				
148.16	175.22	G-9	o1	11.81	27.06	13.53	159.79				
G-9	G-10	G-9	o1	11.81	20.70	10.35	122.23				
175.22	195.92	G-10	o1	5.41	20.70	10.35	55.99				
G-10	G-10b	G-10	o1	5.41	0.01	0.01	0.05				
Il Direttore dei Lavori								L'Impresa			
								TOTALE ARTICOLO		2133.78	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DEI VOLUMI Foglio n. 75

Volume dalla sezione G-1 alla sezione G-31

ARTICOLO	VOLUME
STERRO	mc 2487.272
RIPORTO	mc 34166.951
VEGETALE IN RILEVATO	mc 2027.294
VEGETALE IN TRINCEA	mc 333.307
GRADONATURA	mc 513.197
SEMINA	mq 7067.99
SEMINA	mq 930.19
SCOTICO	mq 8672.19
SCOTICO SU GRADONATURA	mq 1365.46
BONIFICA RILEVATO	mq 8672.19
USURA	mq 5671.10
BINDER	mq 5754.06
BASE	mq 5954.61
FONDAZIONE	mq 6313.90
BONIFICA TRINCEA	mq 2133.78

Nota : I valori di sterro e riporto calcolati si riferiscono ad un pacchetto di pavimentazione da 70 cm. Di seguito si riporta la tabella con il calcolo dei movimenti materia riferiti al pacchetto di pavimentazione di spessore 57 cm.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Modifica valori movimenti materia

Di seguito si riporta il calcolo per la determinazione dei valori di sterro e riporto riferiti al pacchetto di pavimentazione da 57 cm.

RIF.	ARTICOLO	SUPERFICIE (m ²)	Δh Pavimentazione (m)	VOLUME (m ³)	NOTE
A	STERRO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	2487,272	
B	RIPORTO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	34166,951	
C	SUPERFICIE DI IMPOSTA CASSONETTO (Da computo computo sezioni trasversali)	6313,9	-	-	(1)
D	SUPERFICIE DI IMPOSTA CASSONETTO IN TRINCEA (Da computo computo sezioni trasversali)	2133,78	-	-	(2)
E	SUPERFICIE DI IMPOSTA CASSONETTO IN RILEVATO	4180,12	-	-	(3)
F	VARIAZIONE STERRO (Per pavimentazione spessore = 57 cm)	2133,78	0,13	277,39	(4)
G	VARIAZIONE RIPORTO (Per pavimentazione spessore = 57 cm)	4180,12	0,13	543,42	(5)
H	STERRO (Pavimentazione spessore = 57 cm)	-	-	2209,881	(6)
I	RIPORTO (Pavimentazione spessore = 57 cm)	-	-	34710,367	(7)

Nota 1 : Il valore (C) è coincidente con la superficie dell'articolo di computo "Fondazione" (vedi tabella riassuntiva pagina precedente)

Nota 2 : Il valore (D) è coincidente con la superficie dell'articolo di computo "Bonifica trincea" (vedi tabella riassuntiva pagina precedente)

Nota 3 : Il valore (E) è determinato dalla differenza fra la superfici C - D

Nota 4 : Il valore (F) è il volume calcolato dal prodotto tra la superficie "D" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 5 : Il valore (G) è il volume calcolato dal prodotto tra la superficie "E" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 6 : Il valore (H) è il volume totale di sterro calcolato come A-H

Nota 7 : Il valore (I) è il volume totale di riporto calcolato come B+G

TABELLA RIEPILOGATIVA COMPUTI

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA G

COMPUTO DEI VOLUMI		Foglio n.	75
Volume dalla sezione G-1 alla sezione G-31			
ARTICOLO	VOLUME		
STERRO	mc	2209.881	
RIFORTO	mc	34710.367	
VEGETALE IN RILEVATO	mc	2027.294	
VEGETALE IN TRINCEA	mc	333.307	
GRADONATURA	mc	513.197	
SEMINA	mq	7067.99	
SEMINA	mq	930.19	
SCOTICO	mq	8672.19	
SCOTICO SU GRADONATURA	mq	1365.46	
BONIFICA RILEVATO	mq	8672.19	
USURA	mq	5671.10	
BINDER	mq	5754.06	
BASE	mq	5954.61	
FONDAZIONE	mq	6313.90	
BONIFICA TRINCEA	mq	2133.78	

MOVIMENTI MATERIA RAMPA U

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

		CALCOLO DELLE AREE		Foglio n. 1	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
U-1	R1	(0.98-0.00)x(74.35+74.32)/2	72.85		
0.00		(1.30-0.98)x(75.02+74.35)/2	23.90		
		(3.66-1.30)x(75.43+75.02)/2	177.53		
		(3.67-3.66)x(74.87+75.43)/2	0.75		
		(4.45-3.67)x(75.12+74.87)/2	58.50		
		(5.95-4.45)x(75.11+75.12)/2	112.67		
		(9.21-5.95)x(76.03+75.11)/2	246.36		
		(10.38-9.21)x(75.74+76.03)/2	88.79		
		(10.40-10.38)x(76.95+75.74)/2	1.53		
		(11.74-10.40)x(77.19+76.95)/2	103.27		
		(5.91-11.74)x(80.53+77.19)/2	-459.75		
		(4.90-5.91)x(80.53+80.53)/2	-81.34		
		(5.42-4.90)x(80.01+80.53)/2	41.74		
		(4.50-5.42)x(80.03+80.01)/2	-73.62		
		(0.00-4.50)x(80.14+80.03)/2	-360.38		
				47.20	
U-2	R1	(3.45-0.00)x(73.67+73.60)/2	254.04		
21.73		(3.47-3.45)x(73.01+73.67)/2	1.47		
		(3.51-3.47)x(72.40+73.01)/2	2.91		
		(6.06-3.51)x(73.01+72.40)/2	185.40		
		(7.49-6.06)x(73.36+73.01)/2	104.65		
		(8.98-7.49)x(73.35+73.36)/2	109.30		
		(9.54-8.98)x(73.20+73.35)/2	41.03		
		(13.00-9.54)x(74.01+73.20)/2	254.67		
		(13.43-13.00)x(74.21+74.01)/2	31.87		
		(17.77-13.43)x(74.59+74.21)/2	322.90		
		(18.19-17.77)x(74.66+74.59)/2	31.34		
		(17.29-18.19)x(75.18+74.66)/2	-67.43		
		(15.29-17.29)x(75.18+75.18)/2	-150.36		
		(6.54-15.29)x(80.18+75.18)/2	-679.70		
		(5.53-6.54)x(80.18+80.18)/2	-80.98		
		(6.07-5.53)x(79.64+80.18)/2	43.15		
		(5.13-6.07)x(79.69+79.64)/2	-74.89		
		(0.00-5.13)x(79.92+79.69)/2	-409.40		
				80.03	
U-3	R1	(6.88-0.00)x(71.70+71.48)/2	492.54		
39.10		(8.52-6.88)x(71.40+71.70)/2	117.34		
		(9.98-8.52)x(71.40+71.40)/2	104.24		
		(11.54-9.98)x(72.01+71.40)/2	111.86		
		(11.63-11.54)x(72.37+72.01)/2	6.50		
		(12.00-11.63)x(72.45+72.37)/2	26.79		
		(6.50-12.00)x(79.50+79.31)/2	-436.73		
		(0.00-6.50)x(79.91+79.50)/2	-518.08		
				95.54	
U-6	R1	(-1.66--2.18)x(70.01+70.38)/2	36.50		
78.30		(4.54--1.66)x(69.01+70.01)/2	430.96		
		(8.72-4.54)x(69.01+69.01)/2	288.46		
		(9.11-8.72)x(69.18+69.01)/2	26.95		
		(9.86-9.11)x(69.22+69.18)/2	51.90		
		(7.55-9.86)x(80.67+80.67)/2	-186.35		
		(-1.20-7.55)x(80.53+79.92)/2	-701.97		
		(-2.18--1.20)x(81.21+81.23)/2	-79.60		
				133.15	
A RIPORTARE mq					

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

		CALCOLO DELLE AREE		Foglio n. 2	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
U-7	R1	(-1.54-2.50)x(75.00+75.00)/2	72.00		
97.32		(4.81-1.54)x(74.72+75.00)/2	475.36		
		(6.17-4.81)x(74.00+74.72)/2	101.13		
		(9.00-6.17)x(73.00+74.00)/2	208.01		
		(12.28-9.00)x(72.00+73.00)/2	237.80		
		(14.18-12.28)x(71.78+72.00)/2	136.59		
		(14.82-14.18)x(71.00+71.78)/2	45.69		
		(15.97-14.82)x(70.27+71.00)/2	81.23		
		(18.14-15.97)x(70.10+70.27)/2	152.30		
		(19.36-18.14)x(70.05+70.10)/2	85.49		
		(20.67-19.36)x(71.00+70.05)/2	92.39		
		(21.51-20.67)x(72.00+71.00)/2	60.06		
		(21.69-21.51)x(72.78+72.00)/2	13.03		
		(24.11-21.69)x(72.97+72.78)/2	176.36		
		(18.80-24.11)x(76.00+72.97)/2	-395.52		
		(16.80-18.80)x(76.00+76.00)/2	-152.00		
		(8.05-16.80)x(81.00+76.00)/2	-686.88		
		(7.04-8.05)x(81.00+81.00)/2	-81.81		
		(7.59-7.04)x(80.45+81.00)/2	44.40		
		(6.64-7.59)x(80.51+80.45)/2	-76.46		
		(-1.00-6.64)x(81.05+80.51)/2	-617.16		
		(-1.85-1.00)x(81.11+81.05)/2	-68.92		
		(-1.40-1.85)x(81.56+81.11)/2	36.60		
		(-2.50-1.40)x(81.56+81.56)/2	-89.72		
				150.03	
U-8	R1	(6.04-2.50)x(76.01+76.43)/2	650.92		
108.29		(10.02-6.04)x(75.00+76.01)/2	300.51		
		(13.43-10.02)x(74.00+75.00)/2	254.05		
		(15.04-13.43)x(73.43+74.00)/2	118.68		
		(15.58-15.04)x(73.00+73.43)/2	39.54		
		(16.38-15.58)x(72.00+73.00)/2	58.00		
		(18.63-16.38)x(71.32+72.00)/2	161.23		
		(19.22-18.63)x(71.00+71.32)/2	41.98		
		(21.48-19.22)x(71.00+71.00)/2	160.46		
		(22.71-21.48)x(72.00+71.00)/2	87.95		
		(24.79-22.71)x(72.87+72.00)/2	150.66		
		(18.60-24.79)x(76.41+72.87)/2	-462.02		
		(16.60-18.60)x(76.41+76.41)/2	-152.82		
		(7.85-16.60)x(81.41+76.41)/2	-690.46		
		(6.84-7.85)x(81.41+81.41)/2	-82.22		
		(7.39-6.84)x(80.86+81.41)/2	44.62		
		(6.44-7.39)x(80.92+80.86)/2	-76.85		
		(-1.00-6.44)x(81.44+80.92)/2	-603.98		
		(-1.85-1.00)x(81.50+81.44)/2	-69.25		
		(-1.40-1.85)x(81.96+81.50)/2	36.78		
		(-2.50-1.40)x(81.96+81.96)/2	-90.16		
				122.38	
U-9	R1	(1.61-2.50)x(79.00+79.16)/2	325.02		
125.05		(10.39-1.61)x(78.00+79.00)/2	689.23		
		(11.13-10.39)x(76.93+78.00)/2	57.32		
		(11.17-11.13)x(73.87+76.93)/2	3.02		
A RIPORTARE mq			1074.59		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE AREE		Foglio n. 3	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	1074.59
		(14.37-11.17)x(73.34+73.87)/2	235.54
		(14.89-14.37)x(74.00+73.34)/2	38.31
		(16.34-14.89)x(73.46+74.00)/2	106.91
		(17.12-16.34)x(73.00+73.46)/2	57.12
		(18.82-17.12)x(72.00+73.00)/2	123.25
		(22.71-18.82)x(70.94+72.00)/2	278.02
		(24.40-22.71)x(72.00+70.94)/2	120.78
		(25.43-24.40)x(73.00+72.00)/2	74.68
		(25.59-25.43)x(73.14+73.00)/2	11.69
		(18.61-25.59)x(77.13+73.14)/2	-524.44
		(16.61-18.61)x(77.13+77.13)/2	-154.26
		(7.86-16.61)x(82.13+77.13)/2	-696.76
		(6.85-7.86)x(82.13+82.13)/2	-82.95
		(7.40-6.85)x(81.57+82.13)/2	45.02
		(6.45-7.40)x(81.64+81.57)/2	-77.52
		(-1.00-6.45)x(82.16+81.64)/2	-610.16
		(-1.85-1.00)x(82.22+82.16)/2	-69.86
		(-1.40-1.85)x(82.68+82.22)/2	37.10
		(-2.50-1.40)x(82.68+82.68)/2	-90.95
U-10	R1	(0.58-1.85)x(79.00+79.26)/2	192.29
142.81		(1.71-0.58)x(78.79+79.00)/2	89.15
		(1.73-1.71)x(76.84+78.79)/2	1.56
		(6.19-1.73)x(78.00+76.84)/2	345.29
		(8.94-6.19)x(76.89+78.00)/2	212.97
		(8.97-8.94)x(74.85+76.89)/2	2.28
		(11.38-8.97)x(74.62+74.85)/2	180.11
		(11.62-11.38)x(75.00+74.62)/2	17.95
		(14.53-11.62)x(74.00+75.00)/2	216.80
		(17.05-14.53)x(73.00+74.00)/2	185.22
		(19.20-17.05)x(72.17+73.00)/2	156.06
		(24.20-19.20)x(73.00+72.17)/2	362.93
		(25.52-24.20)x(73.89+73.00)/2	96.95
		(18.36-25.52)x(77.98+73.89)/2	-543.69
		(16.36-18.36)x(77.98+77.98)/2	-155.96
		(7.61-16.36)x(82.98+77.98)/2	-704.20
		(6.60-7.61)x(82.98+82.98)/2	-83.81
		(7.15-6.60)x(82.43+82.98)/2	45.49
		(6.20-7.15)x(82.50+82.43)/2	-78.34
		(-1.85-6.20)x(83.06+82.50)/2	-666.38
U-11	R1	(-0.05-0.57)x(77.00+77.22)/2	40.10
150.59		(3.13-0.05)x(76.01+77.00)/2	243.29
		(3.59-3.13)x(75.82+76.01)/2	34.92
		(8.07-3.59)x(75.00+75.82)/2	337.84
		(9.37-8.07)x(74.68+75.00)/2	97.29
		(23.51-9.37)x(75.12+74.68)/2	1059.09
		(17.64-23.51)x(78.47+75.12)/2	-450.79
		(15.64-17.64)x(78.47+78.47)/2	-156.94
		(6.89-15.64)x(83.47+78.47)/2	-708.49
		(5.88-6.89)x(83.47+83.47)/2	-84.30
		A RIPORTARE mq	412.01

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE AREE		Foglio n. 4	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	412.01
		$(6.42-5.88) \times (82.93+83.47) / 2$	44.93
		$(5.48-6.42) \times (82.99+82.93) / 2$	-77.98
		$(-0.57-5.48) \times (83.33+82.99) / 2$	-503.12
U-12	R1	$(-5.89-6.76) \times (81.00+81.78) / 2$	70.81
171.61		$(-4.33-5.89) \times (80.00+81.00) / 2$	125.58
		$(2.56-4.33) \times (79.55+80.00) / 2$	549.65
		$(2.59-2.56) \times (79.30+79.55) / 2$	2.38
		$(4.80-2.59) \times (79.00+79.30) / 2$	174.92
		$(6.76-4.80) \times (79.04+79.00) / 2$	154.88
		$(14.28-6.76) \times (77.74+79.04) / 2$	589.49
		$(15.04-14.28) \times (78.00+77.74) / 2$	59.18
		$(16.83-15.04) \times (77.00+78.00) / 2$	138.72
		$(19.14-16.83) \times (76.01+77.00) / 2$	176.73
		$(25.43-19.14) \times (75.00+76.01) / 2$	474.93
		$(25.62-25.43) \times (74.98+75.00) / 2$	14.25
		$(17.43-25.62) \times (79.66+74.98) / 2$	-633.25
		$(15.43-17.43) \times (79.66+79.66) / 2$	-159.32
		$(6.68-15.43) \times (84.66+79.66) / 2$	-718.90
		$(5.67-6.68) \times (84.66+84.66) / 2$	-85.51
		$(6.19-5.67) \times (84.14+84.66) / 2$	43.89
		$(5.27-6.19) \times (84.17+84.14) / 2$	-77.42
		$(-4.74-5.27) \times (84.42+84.17) / 2$	-843.79
		$(-5.76-4.74) \times (84.72+84.72) / 2$	-86.41
		$(-6.76-5.76) \times (85.17+85.17) / 2$	-85.17
U-13	R1	$(-4.52-6.77) \times (82.32+82.54) / 2$	185.47
177.68		$(-4.29-4.52) \times (82.00+82.32) / 2$	18.90
		$(-2.52-4.29) \times (81.00+82.00) / 2$	144.26
		$(-1.06-2.52) \times (80.32+81.00) / 2$	117.76
		$(3.72-1.06) \times (80.00+80.32) / 2$	383.16
		$(4.87-3.72) \times (79.96+80.00) / 2$	91.98
		$(8.43-4.87) \times (79.38+79.96) / 2$	283.63
		$(13.11-8.43) \times (79.00+79.38) / 2$	370.61
		$(15.70-13.11) \times (78.24+79.00) / 2$	203.63
		$(16.45-15.70) \times (78.00+78.24) / 2$	58.59
		$(18.52-16.45) \times (77.00+78.00) / 2$	160.43
		$(24.11-18.52) \times (76.12+77.00) / 2$	427.97
		$(17.41-24.11) \times (79.95+76.12) / 2$	-522.83
		$(15.41-17.41) \times (79.95+79.95) / 2$	-159.90
		$(6.66-15.41) \times (84.95+79.95) / 2$	-721.44
		$(5.65-6.66) \times (84.95+84.95) / 2$	-85.80
		$(6.17-5.65) \times (84.43+84.95) / 2$	44.04
		$(5.25-6.17) \times (84.46+84.43) / 2$	-77.69
		$(-4.75-5.25) \times (84.71+84.46) / 2$	-845.85
		$(-5.77-4.75) \times (85.01+85.01) / 2$	-86.71
		$(-6.77-5.77) \times (85.46+85.46) / 2$	-85.46
U-14	R1	$(-2.38-8.74) \times (84.01+84.60) / 2$	536.18
194.83		$(0.00-2.38) \times (83.45+84.01) / 2$	199.28
		$(0.91-0.00) \times (83.23+83.45) / 2$	75.84
		A RIPORTARE mq	811.30

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE AREE		Foglio n. 5			
STERRI E RIPORTI					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			811.30		
		(1.19-0.91)x(83.00+83.23)/2	23.27		
		(2.71-1.19)x(82.00+83.00)/2	125.40		
		(3.44-2.71)x(81.40+82.00)/2	59.64		
		(7.07-3.44)x(81.22+81.40)/2	295.16		
		(7.28-7.07)x(81.22+81.22)/2	17.06		
		(8.20-7.28)x(81.22+81.22)/2	74.72		
		(10.04-8.20)x(81.00+81.22)/2	149.24		
		(10.13-10.04)x(79.99+81.00)/2	7.24		
		(15.96-10.13)x(80.00+79.99)/2	466.37		
		(17.82-15.96)x(79.00+80.00)/2	147.87		
		(18.68-17.82)x(78.16+79.00)/2	67.58		
		(19.35-18.68)x(78.00+78.16)/2	52.31		
		(22.82-19.35)x(77.03+78.00)/2	268.98		
		(23.97-22.82)x(77.02+77.03)/2	88.58		
		(17.41-23.97)x(80.77+77.02)/2	-517.55		
		(15.41-17.41)x(80.77+80.77)/2	-161.54		
		(6.66-15.41)x(85.77+80.77)/2	-728.61		
		(5.65-6.66)x(85.77+85.77)/2	-86.63		
		(6.17-5.65)x(85.25+85.77)/2	44.47		
		(5.25-6.17)x(85.27+85.25)/2	-78.44		
		(-4.75-5.25)x(85.52+85.27)/2	-853.95		
		(-5.77-4.75)x(85.82+85.82)/2	-87.54		
		(-8.74-5.77)x(85.97+85.97)/2	-255.33		
				70.40	
U-15	R1	(-5.17-8.90)x(85.00+85.34)/2	317.68		
219.94		(0.00-5.17)x(84.16+85.00)/2	437.28		
		(0.94-0.00)x(84.01+84.16)/2	79.04		
		(4.63-0.94)x(83.00+84.01)/2	308.13		
		(4.82-4.63)x(82.57+83.00)/2	15.73		
		(11.74-4.82)x(82.00+82.57)/2	569.41		
		(11.96-11.74)x(82.00+82.00)/2	18.04		
		(11.98-11.96)x(80.82+82.00)/2	1.63		
		(13.89-11.98)x(81.00+80.82)/2	154.54		
		(19.86-13.89)x(80.56+81.00)/2	482.26		
		(17.41-19.86)x(81.96+80.56)/2	-199.09		
		(15.41-17.41)x(81.96+81.96)/2	-163.92		
		(6.66-15.41)x(86.96+81.96)/2	-739.02		
		(5.65-6.66)x(86.96+86.96)/2	-87.83		
		(6.17-5.65)x(86.44+86.96)/2	45.08		
		(5.25-6.17)x(86.46+86.44)/2	-79.53		
		(-4.75-5.25)x(86.71+86.46)/2	-865.85		
		(-5.63-4.75)x(86.74+86.71)/2	-76.32		
		(-5.15-5.63)x(87.22+86.74)/2	41.75		
		(-6.16-5.15)x(87.22+87.22)/2	-88.09		
		(-8.81-6.16)x(85.70+87.22)/2	-229.12		
		(-8.90-8.81)x(85.70+85.70)/2	-7.71		
				65.91	
U-16	R1	(-9.20-10.24)x(84.63+84.77)/2	88.09		
245.02		(-8.04-9.20)x(84.01+84.63)/2	97.81		
		(-3.06-8.04)x(83.20+84.01)/2	416.35		
		(-2.47-3.06)x(83.00+83.20)/2	49.03		
A RIPORTARE mq			651.28		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE AREE		Foglio n. 6	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	651.28
		(3.81-2.47)x(82.45+83.00)/2	519.51
		(4.80-3.81)x(82.00+82.45)/2	81.40
		(11.90-4.80)x(81.21+82.00)/2	579.40
		(12.07-11.90)x(81.00+81.21)/2	13.79
		(20.62-12.07)x(80.03+81.00)/2	688.40
		(20.64-20.62)x(79.35+80.03)/2	1.59
		(23.73-20.64)x(79.29+79.35)/2	245.10
		(23.64-23.73)x(79.69+79.69)/2	-7.17
		(17.42-23.64)x(83.25+79.69)/2	-506.74
		(15.42-17.42)x(83.25+83.25)/2	-166.50
		(6.67-15.42)x(88.25+83.25)/2	-750.31
		(5.66-6.67)x(88.25+88.25)/2	-89.13
		(6.16-5.66)x(87.74+88.25)/2	44.00
		(5.26-6.16)x(87.75+87.74)/2	-78.97
		(-4.75-5.26)x(87.77+87.75)/2	-878.48
		(-5.65-4.75)x(87.77+87.77)/2	-78.99
		(-5.15-5.65)x(88.27+87.77)/2	44.01
		(-6.16-5.15)x(88.27+88.27)/2	-89.15
		(-10.15-6.16)x(85.99+88.27)/2	-347.65
		(-10.24-10.15)x(85.99+85.99)/2	-7.74
			132.35
U-17	R1	(-7.94-9.48)x(85.00+85.15)/2	131.02
270.80		(-6.90-7.94)x(84.81+85.00)/2	88.30
		(-6.88-6.90)x(84.22+84.81)/2	1.69
		(-6.69-6.88)x(84.01+84.22)/2	15.98
		(2.19-6.69)x(83.00+84.01)/2	741.52
		(5.47-2.19)x(82.89+83.00)/2	272.06
		(5.49-5.47)x(81.83+82.89)/2	1.65
		(9.21-5.49)x(81.59+81.83)/2	303.96
		(18.55-9.21)x(81.00+81.59)/2	759.30
		(19.91-18.55)x(80.76+81.00)/2	110.00
		(19.82-19.91)x(82.37+82.37)/2	-7.41
		(15.91-19.82)x(84.60+82.37)/2	-326.43
		(13.91-15.91)x(84.60+84.60)/2	-169.20
		(5.16-13.91)x(89.60+84.60)/2	-762.13
		(4.15-5.16)x(89.60+89.60)/2	-90.50
		(4.61-4.15)x(89.14+89.60)/2	41.11
		(3.75-4.61)x(89.09+89.14)/2	-76.64
		(-3.81-3.75)x(88.60+89.09)/2	-671.67
		(-4.76-3.81)x(88.54+88.60)/2	-84.14
		(-4.21-4.76)x(89.09+88.54)/2	48.85
		(-5.22-4.21)x(89.09+89.09)/2	-89.98
		(-9.38-5.22)x(86.71+89.09)/2	-365.66
		(-9.48-9.38)x(86.71+86.71)/2	-8.67
			136.99
U-18	R1	(-8.41-9.54)x(85.00+84.91)/2	96.00
295.82		(-3.58-8.41)x(84.70+85.00)/2	409.83
		(-3.23-3.58)x(84.01+84.70)/2	29.52
		(-2.75-3.23)x(83.41+84.01)/2	40.18
		(6.02-2.75)x(83.00+83.41)/2	729.71
		(14.70-6.02)x(81.79+83.00)/2	715.19
		A RIPORTARE mq	2020.43

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				2020.43		
			$(14.79-14.70) \times (82.00+81.79) / 2$	7.37		
			$(16.50-14.79) \times (81.73+82.00) / 2$	139.99		
			$(16.41-16.50) \times (83.79+83.79) / 2$	-7.54		
			$(13.69-16.41) \times (85.34+83.79) / 2$	-230.02		
			$(11.69-13.69) \times (85.34+85.34) / 2$	-170.68		
			$(2.94-11.69) \times (90.34+85.34) / 2$	-768.60		
			$(1.93-2.94) \times (90.34+90.34) / 2$	-91.24		
			$(2.42-1.93) \times (89.86+90.34) / 2$	44.15		
			$(1.53-2.42) \times (89.84+89.86) / 2$	-79.97		
			$(-4.75-1.53) \times (89.68+89.84) / 2$	-563.69		
			$(-5.67-4.75) \times (89.66+89.68) / 2$	-82.50		
			$(-5.15-5.67) \times (90.18+89.66) / 2$	46.76		
			$(-6.16-5.15) \times (90.18+90.18) / 2$	-91.08		
			$(-9.45-6.16) \times (88.30+90.18) / 2$	-293.60		
			$(-9.54-9.45) \times (88.30+88.30) / 2$	-7.95		
U-19	R1		$(6.96-8.04) \times (84.01+84.94) / 2$	1267.13	128.17	
314.48			$(8.40-6.96) \times (83.86+84.01) / 2$	120.87		
			$(8.91-8.40) \times (83.44+83.86) / 2$	42.66		
			$(11.11-8.91) \times (83.14+83.44) / 2$	183.24		
			$(15.47-11.11) \times (83.33+83.14) / 2$	362.90		
			$(15.38-15.47) \times (84.92+84.92) / 2$	-7.64		
			$(13.66-15.38) \times (85.90+84.92) / 2$	-146.91		
			$(11.66-13.66) \times (85.90+85.90) / 2$	-171.80		
			$(2.91-11.66) \times (90.90+85.90) / 2$	-773.50		
			$(1.90-2.91) \times (90.90+90.90) / 2$	-91.81		
			$(2.42-1.90) \times (90.38+90.90) / 2$	47.13		
			$(1.50-2.42) \times (90.40+90.38) / 2$	-83.16		
			$(-4.75-1.50) \times (90.56+90.40) / 2$	-565.50		
			$(-5.63-4.75) \times (90.58+90.56) / 2$	-79.70		
			$(-5.15-5.63) \times (91.07+90.58) / 2$	43.60		
			$(-6.16-5.15) \times (91.07+91.07) / 2$	-91.98		
			$(-7.94-6.16) \times (90.05+91.07) / 2$	-161.20		
			$(-8.04-7.94) \times (90.05+90.05) / 2$	-9.00		
U-20	R1		$(1.08-5.62) \times (87.00+87.22) / 2$	583.64	114.67	
333.21			$(2.05-1.08) \times (86.20+87.00) / 2$	84.00		
			$(11.81-2.05) \times (84.96+86.20) / 2$	835.26		
			$(11.83-11.81) \times (84.49+84.96) / 2$	1.69		
			$(14.68-11.83) \times (84.33+84.49) / 2$	240.57		
			$(14.59-14.68) \times (85.97+85.97) / 2$	-7.74		
			$(13.66-14.59) \times (86.51+85.97) / 2$	-80.20		
			$(11.66-13.66) \times (86.51+86.51) / 2$	-173.02		
			$(2.91-11.66) \times (91.51+86.51) / 2$	-778.84		
			$(1.90-2.91) \times (91.51+91.51) / 2$	-92.43		
			$(2.43-1.90) \times (90.98+91.51) / 2$	48.36		
			$(1.50-2.43) \times (91.01+90.98) / 2$	-84.63		
			$(-4.82-1.50) \times (91.26+91.01) / 2$	-575.97		
			$(-5.02-4.82) \times (91.27+91.26) / 2$	-18.25		
			$(-5.62-5.02) \times (91.73+91.77) / 2$	-55.05		
A RIPORTARE mq					72.61	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

		CALCOLO DELLE AREE		Foglio n. 8	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
U-21	R1	(-2.28--5.34)x(88.36+88.73)/2	270.95		
346.76		(-2.26--2.28)x(87.65+88.36)/2	1.76		
		(11.43--2.26)x(87.02+87.65)/2	1195.62		
		(2.81--11.43)x(91.95+87.02)/2	-771.36		
		(1.80--2.81)x(91.95+91.95)/2	-92.87		
		(2.34--1.80)x(91.41+91.95)/2	49.51		
		(1.50--2.34)x(91.45+91.41)/2	-76.80		
		(-5.34--1.50)x(91.80+91.45)/2	-626.72		
				49.91	
U-22	R1	(1.16--3.94)x(90.00+90.22)/2	459.56		
371.88		(7.50--1.16)x(89.68+90.00)/2	569.59		
		(7.52--7.50)x(87.62+89.68)/2	1.77		
		(10.70--7.52)x(88.00+87.62)/2	279.24		
		(12.38--10.70)x(87.70+88.00)/2	147.59		
		(12.29--12.38)x(87.76+87.76)/2	-7.90		
		(3.53--12.29)x(92.77+87.76)/2	-790.72		
		(2.52--3.53)x(92.77+92.77)/2	-93.70		
		(3.05--2.52)x(92.24+92.77)/2	49.03		
		(2.12--3.05)x(92.28+92.24)/2	-85.80		
		(-3.94--2.12)x(92.55+92.28)/2	-560.03		
				31.37	
U-23	R1	(1.90--0.00)x(92.00+92.16)/2	174.95		
397.30		(3.11--1.90)x(91.79+92.00)/2	111.19		
		(3.47--3.11)x(91.00+91.79)/2	32.90		
		(10.10--3.47)x(90.18+91.00)/2	600.61		
		(3.91--10.10)x(93.72+90.18)/2	-569.17		
		(2.90--3.91)x(93.72+93.72)/2	-94.66		
		(3.41--2.90)x(93.20+93.72)/2	47.66		
		(2.50--3.41)x(93.23+93.20)/2	-84.83		
		(0.00--2.50)x(93.29+93.23)/2	-233.15		
				14.50	
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TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A U

COMPUTO STERRI E RIPORTI											Foglio n. 9	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI				
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc			
U-1	R1		47.20	(0.00)								
U-2	R1		80.03	(21.73)	21.73		1382.354				1382.354	
U-2	R1		80.03	(21.73)	17.37		1524.825				1524.825	
U-3	R1		95.54	(39.10)								
U-6	R1		133.15	(78.30)	19.02		2693.042				2693.042	
U-7	R1		150.03	(97.32)								
U-7	R1		150.03	(97.32)	10.97		1494.169				1494.169	
U-8	R1		122.38	(108.29)								
U-8	R1		122.38	(108.29)	16.76		1896.143				1896.143	
U-9	R1		103.89	(125.05)								
U-9	R1		103.89	(125.05)	17.76		2053.234				2053.234	
U-10	R1		127.33	(142.81)								
U-10	R1		127.33	(142.81)	7.78		978.296				978.296	
U-11	R1		124.16	(150.59)								
U-11	R1		124.16	(150.59)	21.02		2506.845				2506.845	
A RIPORTARE :							2506.845		12022.063			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO STERRI E RIPORTI										Foglio n. 10	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
RIPORTO :						0.000	2506.845		12022.063		
U-12	R1		114.36	(171.61)						2506.845	
U-12	R1		114.36	(171.61)	6.07		636.166			636.166	
U-13	R1		95.25	(177.68)						1420.449	
U-13	R1		95.25	(177.68)	17.15		1420.449			1420.449	
U-14	R1		70.40	(194.83)						1711.372	
U-14	R1		70.40	(194.83)	25.11		1711.372			1711.372	
U-15	R1		65.91	(219.94)						2486.180	
U-15	R1		65.91	(219.94)	25.08		2486.180			2486.180	
U-16	R1		132.35	(245.02)						3471.793	
U-16	R1		132.35	(245.02)	25.78		3471.793			3471.793	
U-17	R1		136.99	(270.80)						3317.152	
U-17	R1		136.99	(270.80)	25.02		3317.152			3317.152	
U-18	R1		128.17	(295.82)						2265.697	
U-18	R1		128.17	(295.82)	18.66		2265.697			2265.697	
U-19	R1		114.67	(314.48)						1753.877	
U-19	R1		114.67	(314.48)	18.73		1753.877			1753.877	
U-20	R1		72.61	(333.21)						830.073	
U-20	R1		72.61	(333.21)	13.55		830.073			830.073	
U-21	R1		49.91	(346.76)							
A RIPORTARE :							830.073		31591.594		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO STERRI E RIPORTI										Foglio n. 11	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :	0.000	830.073			31591.594
											830.073
U-21	R1	49.91	(346.76)								
U-22	R1	31.37	(371.88)		25.12		1020.877				
											1020.877
U-22	R1	31.37	(371.88)								
U-23	R1	14.50	(397.30)		25.42		583.008				
											583.008
Il Direttore dei Lavori						L'Impresa		Totale Articoli		0.000	34025.552
								A dedurre quantita' precedenti:			
								Quantita' da contabilizzare ...			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

		CALCOLO DELLE AREE		Foglio n. 12	
VEGETALE IN RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
U-1	C1	(5.91-11.74)x(80.53+77.19)/2	-459.75		
0.00		(4.90-5.91)x(80.53+80.53)/2	-81.34		
		(4.70-4.90)x(80.73+80.53)/2	-16.13		
		(6.00-4.70)x(80.83+80.83)/2	105.08		
		(12.21-6.00)x(77.28+80.83)/2	490.93		
		(11.74-12.21)x(77.19+77.28)/2	-36.30		
U-2	C1	(17.29-18.19)x(75.18+74.66)/2	-67.43	2.49	
21.73		(15.29-17.29)x(75.18+75.18)/2	-150.36		
		(6.54-15.29)x(80.18+75.18)/2	-679.70		
		(5.53-6.54)x(80.18+80.18)/2	-80.98		
		(5.33-5.53)x(80.38+80.18)/2	-16.06		
		(6.63-5.33)x(80.48+80.48)/2	104.62		
		(15.38-6.63)x(75.48+80.48)/2	682.33		
		(17.38-15.38)x(75.48+75.48)/2	150.96		
		(18.66-17.38)x(74.75+75.48)/2	96.15		
		(18.19-18.66)x(74.66+74.75)/2	-35.11		
U-7	C1	(-1.20-1.40)x(81.76+81.56)/2	16.33	4.42	
97.32		(-2.50-1.20)x(81.86+81.86)/2	-106.42		
		(-1.40-2.50)x(81.56+81.56)/2	89.72		
U-7	C2	(18.80-24.11)x(76.00+72.97)/2	-395.52		
97.32		(16.80-18.80)x(76.00+76.00)/2	-152.00		
		(8.05-16.80)x(81.00+76.00)/2	-686.88		
		(7.04-8.05)x(81.00+81.00)/2	-81.81		
		(6.84-7.04)x(81.20+81.00)/2	-16.22		
		(8.14-6.84)x(81.30+81.30)/2	105.69		
		(16.89-8.14)x(76.30+81.30)/2	689.50		
		(18.89-16.89)x(76.30+76.30)/2	152.60		
		(24.64-18.89)x(73.01+76.30)/2	429.27		
		(24.11-24.64)x(72.97+73.01)/2	-38.68		
U-8	C1	(-1.20-1.40)x(82.16+81.96)/2	16.41	5.95	
108.29		(-2.50-1.20)x(82.26+82.26)/2	-106.94		
		(-1.40-2.50)x(81.96+81.96)/2	90.16		
U-8	C2	(18.60-24.79)x(76.41+72.87)/2	-462.02		
108.29		(16.60-18.60)x(76.41+76.41)/2	-152.82		
		(7.85-16.60)x(81.41+76.41)/2	-690.46		
		(6.84-7.85)x(81.41+81.41)/2	-82.22		
		(6.64-6.84)x(81.61+81.41)/2	-16.30		
		(7.94-6.64)x(81.71+81.71)/2	106.22		
		(16.69-7.94)x(76.71+81.71)/2	693.09		
		(18.69-16.69)x(76.71+76.71)/2	153.42		
		(25.12-18.69)x(73.03+76.71)/2	481.41		
		(24.79-25.12)x(72.87+73.03)/2	-24.07		
U-9	C1	(-1.20-1.40)x(82.88+82.68)/2	16.56	6.25	
125.05		(-2.50-1.20)x(82.98+82.98)/2	-107.87		
		(-1.40-2.50)x(82.68+82.68)/2	90.95		
U-9	C2	(18.61-25.59)x(77.13+73.14)/2	-524.44	0.36	
A RIPORTARE mq			-524.44		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE AREE		Foglio n. 13	
VEGETALE IN RILEVATO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	-524.44
125.05		(16.61-18.61)x(77.13+77.13)/2	-154.26
		(7.86-16.61)x(82.13+77.13)/2	-696.76
		(6.85-7.86)x(82.13+82.13)/2	-82.95
		(6.65-6.85)x(82.33+82.13)/2	-16.45
		(7.95-6.65)x(82.43+82.43)/2	107.16
		(16.70-7.95)x(77.43+82.43)/2	699.39
		(18.70-16.70)x(77.43+77.43)/2	154.86
		(25.83-18.70)x(73.35+77.43)/2	537.53
		(25.59-25.83)x(73.14+73.35)/2	-17.58
			6.50
U-10	C1	(18.36-25.52)x(77.98+73.89)/2	-543.69
142.81		(16.36-18.36)x(77.98+77.98)/2	-155.96
		(7.61-16.36)x(82.98+77.98)/2	-704.20
		(6.60-7.61)x(82.98+82.98)/2	-83.81
		(6.40-6.60)x(83.18+82.98)/2	-16.62
		(7.70-6.40)x(83.28+83.28)/2	108.26
		(16.45-7.70)x(78.28+83.28)/2	706.83
		(18.45-16.45)x(78.28+78.28)/2	156.56
		(25.81-18.45)x(74.08+78.28)/2	560.68
		(25.52-25.81)x(73.89+74.08)/2	-21.46
			6.59
U-11	C1	(17.64-23.51)x(78.47+75.12)/2	-450.79
150.59		(15.64-17.64)x(78.47+78.47)/2	-156.94
		(6.89-15.64)x(83.47+78.47)/2	-708.49
		(5.88-6.89)x(83.47+83.47)/2	-84.30
		(5.68-5.88)x(83.67+83.47)/2	-16.71
		(6.98-5.68)x(83.77+83.77)/2	108.90
		(15.73-6.98)x(78.77+83.77)/2	711.11
		(17.73-15.73)x(78.77+78.77)/2	157.54
		(25.78-17.73)x(74.17+78.77)/2	615.58
		(23.51-25.78)x(75.12+74.17)/2	-169.44
			6.46
U-12	C1	(17.43-25.62)x(79.66+74.98)/2	-633.25
171.61		(15.43-17.43)x(79.66+79.66)/2	-159.32
		(6.68-15.43)x(84.66+79.66)/2	-718.90
		(5.67-6.68)x(84.66+84.66)/2	-85.51
		(5.47-5.67)x(84.86+84.66)/2	-16.95
		(6.77-5.47)x(84.96+84.96)/2	110.45
		(15.52-6.77)x(79.96+84.96)/2	721.52
		(17.52-15.52)x(79.96+79.96)/2	159.92
		(26.37-17.52)x(74.91+79.96)/2	685.30
		(25.62-26.37)x(74.98+74.91)/2	-56.21
			7.05
U-13	C1	(-5.77-6.77)x(85.46+85.46)/2	85.46
177.68		(-6.77-5.77)x(85.16+85.16)/2	-85.16
			0.30
U-13	C2	(17.41-24.11)x(79.95+76.12)/2	-522.83
177.68		(15.41-17.41)x(79.95+79.95)/2	-159.90
		(6.66-15.41)x(84.95+79.95)/2	-721.44
		(5.65-6.66)x(84.95+84.95)/2	-85.80
		(5.45-5.65)x(85.15+84.95)/2	-17.01
		A RIPORTARE mq	-1506.98

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				-1506.98		
			$(6.75-5.45) \times (85.25+85.25) / 2$	110.82		
			$(15.50-6.75) \times (80.25+85.25) / 2$	724.06		
			$(17.50-15.50) \times (80.25+80.25) / 2$	160.50		
			$(24.95-17.50) \times (75.99+80.25) / 2$	581.99		
			$(24.11-24.95) \times (76.12+75.99) / 2$	-63.89		
U-14	C1		$(-8.74-5.77) \times (86.27+86.27) / 2$	-256.22	6.50	
194.83			$(-5.77-8.74) \times (85.97+85.97) / 2$	255.33		
U-14	C2		$(17.41-23.97) \times (80.77+77.02) / 2$	-517.55	0.89	
194.83			$(15.41-17.41) \times (80.77+80.77) / 2$	-161.54		
			$(6.66-15.41) \times (85.77+80.77) / 2$	-728.61		
			$(5.65-6.66) \times (85.77+85.77) / 2$	-86.63		
			$(5.45-5.65) \times (85.97+85.77) / 2$	-17.17		
			$(6.75-5.45) \times (86.07+86.07) / 2$	111.89		
			$(15.50-6.75) \times (81.07+86.07) / 2$	731.24		
			$(17.50-15.50) \times (81.07+81.07) / 2$	162.14		
			$(24.59-17.50) \times (77.01+81.07) / 2$	560.39		
			$(23.97-24.59) \times (77.02+77.01) / 2$	-47.75		
U-15	C1		$(-6.16-8.81) \times (87.22+85.70) / 2$	229.12	6.41	
219.94			$(-5.15-6.16) \times (87.22+87.22) / 2$	88.09		
			$(-4.95-5.15) \times (87.42+87.22) / 2$	17.46		
			$(-6.25-4.95) \times (87.52+87.52) / 2$	-113.78		
			$(-8.90-6.25) \times (86.00+87.52) / 2$	-229.91		
			$(-8.81-8.90) \times (85.70+85.70) / 2$	7.71		
U-15	C2		$(17.41-19.86) \times (81.96+80.56) / 2$	-199.09	1.31	
219.94			$(15.41-17.41) \times (81.96+81.96) / 2$	-163.92		
			$(6.66-15.41) \times (86.96+81.96) / 2$	-739.02		
			$(5.65-6.66) \times (86.96+86.96) / 2$	-87.83		
			$(5.45-5.65) \times (87.16+86.96) / 2$	-17.41		
			$(6.75-5.45) \times (87.26+87.26) / 2$	113.44		
			$(15.50-6.75) \times (82.26+87.26) / 2$	741.65		
			$(17.50-15.50) \times (82.26+82.26) / 2$	164.52		
			$(22.85-17.50) \times (79.21+82.26) / 2$	431.93		
			$(19.86-22.85) \times (80.56+79.21) / 2$	-238.86		
U-16	C1		$(-6.16-10.15) \times (88.27+85.99) / 2$	347.65	5.41	
245.02			$(-5.15-6.16) \times (88.27+88.27) / 2$	89.15		
			$(-4.95-5.15) \times (88.47+88.27) / 2$	17.67		
			$(-6.25-4.95) \times (88.57+88.57) / 2$	-115.14		
			$(-10.24-6.25) \times (86.29+88.57) / 2$	-348.85		
			$(-10.15-10.24) \times (85.99+85.99) / 2$	7.74		
U-16	C2		$(17.42-23.64) \times (83.25+79.69) / 2$	-506.74	1.78	
245.02			$(15.42-17.42) \times (83.25+83.25) / 2$	-166.50		
			$(6.67-15.42) \times (88.25+83.25) / 2$	-750.31		
			$(5.66-6.67) \times (88.25+88.25) / 2$	-89.13		
			$(5.46-5.66) \times (88.45+88.25) / 2$	-17.67		
			$(6.76-5.46) \times (88.55+88.55) / 2$	115.11		
A RIPORTARE mq				-1415.24		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

		CALCOLO DELLE AREE		Foglio n. 15	
VEGETALE IN RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			-1415.24		
		(15.51-6.76)x(83.55+88.55)/2	752.94		
		(17.51-15.51)x(83.55+83.55)/2	167.10		
		(23.73-17.51)x(79.99+83.55)/2	508.61		
		(23.64-23.73)x(79.69+79.69)/2	-7.17		
				6.24	
U-17	C1	(15.91-19.82)x(84.60+82.37)/2	-326.43		
270.80		(13.91-15.91)x(84.60+84.60)/2	-169.20		
		(5.16-13.91)x(89.60+84.60)/2	-762.13		
		(4.15-5.16)x(89.60+89.60)/2	-90.50		
		(3.95-4.15)x(89.80+89.60)/2	-17.94		
		(5.25-3.95)x(89.90+89.90)/2	116.87		
		(14.00-5.25)x(84.90+89.90)/2	764.75		
		(16.00-14.00)x(84.90+84.90)/2	169.80		
		(19.91-16.00)x(82.67+84.90)/2	327.60		
		(19.82-19.91)x(82.37+82.37)/2	-7.41		
				5.41	
U-17	C2	(-5.22-9.38)x(89.09+86.71)/2	365.66		
270.80		(-4.21-5.22)x(89.09+89.09)/2	89.98		
		(-4.01-4.21)x(89.29+89.09)/2	17.84		
		(-5.31-4.01)x(89.39+89.39)/2	-116.21		
		(-9.48-5.31)x(87.01+89.39)/2	-367.79		
		(-9.38-9.48)x(86.71+86.71)/2	8.67		
				1.85	
U-18	C1	(-6.16-9.45)x(90.18+88.30)/2	293.60		
295.82		(-5.15-6.16)x(90.18+90.18)/2	91.08		
		(-4.95-5.15)x(90.38+90.18)/2	18.06		
		(-6.25-4.95)x(90.48+90.48)/2	-117.62		
		(-9.54-6.25)x(88.60+90.48)/2	-294.59		
		(-9.45-9.54)x(88.30+88.30)/2	7.95		
				1.52	
U-18	C2	(13.69-16.41)x(85.34+83.79)/2	-230.02		
295.82		(11.69-13.69)x(85.34+85.34)/2	-170.68		
		(2.94-11.69)x(90.34+85.34)/2	-768.60		
		(1.93-2.94)x(90.34+90.34)/2	-91.24		
		(1.73-1.93)x(90.54+90.34)/2	-18.09		
		(3.03-1.73)x(90.64+90.64)/2	117.83		
		(11.78-3.03)x(85.64+90.64)/2	771.23		
		(13.78-11.78)x(85.64+85.64)/2	171.28		
		(16.50-13.78)x(84.09+85.64)/2	230.83		
		(16.41-16.50)x(83.79+83.79)/2	-7.54		
				5.00	
U-19	C2	(-6.16-7.94)x(91.07+90.05)/2	161.20		
314.48		(-5.15-6.16)x(91.07+91.07)/2	91.98		
		(-4.95-5.15)x(91.27+91.07)/2	18.23		
		(-6.25-4.95)x(91.37+91.37)/2	-118.78		
		(-8.04-6.25)x(90.35+91.37)/2	-162.64		
		(-7.94-8.04)x(90.05+90.05)/2	9.00		
				1.01	
U-19	C1	(13.66-15.38)x(85.90+84.92)/2	-146.91		
314.48		(11.66-13.66)x(85.90+85.90)/2	-171.80		
		(2.91-11.66)x(90.90+85.90)/2	-773.50		
A RIPORTARE mq			-1092.21		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

		CALCOLO DELLE AREE		Foglio n. 16	
VEGETALE IN RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			-1092,21		
		(1.90-2.91)x(90.90+90.90)/2	-91.81		
		(1.70-1.90)x(91.10+90.90)/2	-18.20		
		(3.00-1.70)x(91.20+91.20)/2	118.56		
		(11.75-3.00)x(86.20+91.20)/2	776.13		
		(13.75-11.75)x(86.20+86.20)/2	172.40		
		(15.47-13.75)x(85.22+86.20)/2	147.42		
		(15.38-15.47)x(84.92+84.92)/2	-7.64		
				4.65	
U-20	C1	(13.66-14.59)x(86.51+85.97)/2	-80.20		
333.21		(11.66-13.66)x(86.51+86.51)/2	-173.02		
		(2.91-11.66)x(91.51+86.51)/2	-778.84		
		(1.90-2.91)x(91.51+91.51)/2	-92.43		
		(1.70-1.90)x(91.71+91.51)/2	-18.32		
		(3.00-1.70)x(91.81+91.81)/2	119.35		
		(11.75-3.00)x(86.81+91.81)/2	781.46		
		(13.75-11.75)x(86.81+86.81)/2	173.62		
		(14.68-13.75)x(86.27+86.81)/2	80.48		
		(14.59-14.68)x(85.97+85.97)/2	-7.74		
				4.36	
U-20	C2	(-5.02--5.62)x(91.77+91.73)/2	55.05		
333.21		(-5.62--5.02)x(92.03+92.07)/2	-55.23		
				0.18	
U-21	C1	(2.81-11.43)x(91.95+87.02)/2	-771.36		
346.76		(1.80-2.81)x(91.95+91.95)/2	-92.87		
		(1.60-1.80)x(92.15+91.95)/2	-18.41		
		(2.90-1.60)x(92.25+92.25)/2	119.92		
		(12.05-2.90)x(87.02+92.25)/2	820.16		
		(11.43-12.05)x(87.02+87.02)/2	-53.95		
				3.49	
U-22	C1	(3.53-12.29)x(92.77+87.76)/2	-790.72		
371.88		(2.52-3.53)x(92.77+92.77)/2	-93.70		
		(2.32-2.52)x(92.97+92.77)/2	-18.57		
		(3.62-2.32)x(93.07+93.07)/2	120.99		
		(12.38-3.62)x(88.06+93.07)/2	793.35		
		(12.29-12.38)x(87.76+87.76)/2	-7.90		
				3.45	
U-23	C1	(3.91-10.10)x(93.72+90.18)/2	-569.17		
397.30		(2.90-3.91)x(93.72+93.72)/2	-94.66		
		(2.70-2.90)x(93.92+93.72)/2	-18.76		
		(4.00-2.70)x(94.02+94.02)/2	122.23		
		(10.89-4.00)x(90.08+94.02)/2	634.22		
		(10.10-10.89)x(90.18+90.08)/2	-71.20		
				2.66	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE	
PROG.				mq	mq		
			CALCOLO DELLE AREE				Foglio n. 17
GRADONATURA							
U-2		01	(3.46-0.00)x(73.47+73.43)/2	254.14			
21.73			(0.00-3.46)x(73.43+73.43)/2	-254.07			
U-7		01	(6.09-4.72)x(73.82+74.54)/2	101.63	0.07		
97.32			(6.87-6.09)x(73.54+73.82)/2	57.47			
			(4.72-6.87)x(73.54+73.54)/2	-158.11			
U-7		02	(8.94-6.87)x(72.81+73.54)/2	151.47	0.99		
97.32			(9.82-8.94)x(72.54+72.81)/2	63.95			
			(6.87-9.82)x(72.54+72.54)/2	-213.99			
U-7		03	(12.23-9.82)x(71.80+72.54)/2	173.93	1.43		
97.32			(14.08-12.23)x(71.59+71.80)/2	132.64			
			(14.12-14.08)x(71.54+71.59)/2	2.86			
			(9.82-14.12)x(71.54+71.54)/2	-307.62			
U-7		04	(14.69-14.12)x(70.85+71.54)/2	40.58	1.81		
97.32			(15.17-14.69)x(70.54+70.85)/2	33.93			
			(14.12-15.17)x(70.54+70.54)/2	-74.07			
U-7		05	(20.81-20.38)x(70.85+70.54)/2	30.40	0.44		
97.32			(21.39-20.81)x(71.54+70.85)/2	41.29			
			(20.38-21.39)x(70.54+70.54)/2	-71.25			
U-7		06	(21.70-21.39)x(71.91+71.54)/2	22.23	0.44		
97.32			(21.84-21.70)x(72.54+71.91)/2	10.11			
			(21.39-21.84)x(71.54+71.54)/2	-32.19			
U-8		01	(9.93-5.99)x(74.82+75.82)/2	296.76	0.15		
108.29			(5.99-9.93)x(74.82+74.82)/2	-294.79			
U-8		02	(9.97-9.93)x(74.81+74.82)/2	2.99	1.97		
108.29			(13.35-9.97)x(73.82+74.81)/2	251.18			
			(9.93-13.35)x(73.82+73.82)/2	-252.46			
U-8		03	(13.37-13.35)x(73.81+73.82)/2	1.48	1.71		
108.29			(14.94-13.37)x(73.25+73.81)/2	115.44			
			(15.44-14.94)x(72.86+73.25)/2	36.53			
			(15.47-15.44)x(72.82+72.86)/2	2.19			
			(13.35-15.47)x(72.82+72.82)/2	-154.38			
U-8		04	(16.26-15.47)x(71.83+72.82)/2	57.14	1.26		
108.29			(16.29-16.26)x(71.82+71.83)/2	2.15			
			(15.47-16.29)x(71.82+71.82)/2	-58.89			
U-8		05	(18.55-16.29)x(71.13+71.82)/2	161.53	0.40		
108.29			(19.13-18.55)x(70.82+71.13)/2	41.17			
			(16.29-19.13)x(70.82+70.82)/2	-201.13			
U-8		06	(22.80-21.57)x(71.82+70.82)/2	87.72	1.57		
108.29			(21.57-22.80)x(70.82+70.82)/2	-87.11			
U-8		07	(22.81-22.80)x(71.83+71.82)/2	0.72	0.61		
A RIPORTARE mq				0.72			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE AREE		Foglio n. 18			
GRADONATURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
		RIPORTO mq	0.72		
108.29		(24.87-22.81)x(72.69+71.83)/2	148.86		
		(22.80-24.87)x(71.82+71.82)/2	-148.67		
U-9	01	(16.25-15.12)x(73.28+73.70)/2	83.04	0.91	
125.05		(17.02-16.25)x(72.83+73.28)/2	56.25		
		(17.23-17.02)x(72.70+72.83)/2	15.28		
		(15.12-17.23)x(72.70+72.70)/2	-153.40		
U-9	02	(18.74-17.23)x(71.81+72.70)/2	109.11	1.17	
125.05		(19.15-18.74)x(71.70+71.81)/2	29.42		
		(17.23-19.15)x(71.70+71.70)/2	-137.66		
U-9	03	(22.74-19.15)x(70.72+71.70)/2	255.64	0.87	
125.05		(19.15-22.74)x(70.72+70.72)/2	-253.88		
U-9	04	(24.33-22.74)x(71.72+70.72)/2	113.24	1.76	
125.05		(22.74-24.33)x(70.72+70.72)/2	-112.44		
U-9	05	(24.53-24.33)x(71.84+71.72)/2	14.36	0.80	
125.05		(25.43-24.53)x(72.72+71.84)/2	65.05		
		(24.33-25.43)x(71.72+71.72)/2	-78.89		
U-9	06	(25.57-25.43)x(72.85+72.72)/2	10.19	0.52	
125.05		(25.72-25.57)x(72.99+72.85)/2	10.94		
		(25.43-25.72)x(72.72+72.72)/2	-21.09		
U-10	01	(6.18-1.78)x(77.79+76.65)/2	339.77	0.04	
142.81		(8.74-6.18)x(76.75+77.79)/2	197.81		
		(6.53-8.74)x(76.65+76.65)/2	-169.40		
		(5.64-6.53)x(76.65+76.65)/2	-68.22		
		(1.78-5.64)x(76.65+76.65)/2	-295.87		
U-10	02	(11.71-11.64)x(74.76+74.65)/2	5.23	4.09	
142.81		(12.03-11.71)x(74.65+74.76)/2	23.91		
		(11.64-12.03)x(74.65+74.65)/2	-29.11		
U-10	03	(14.46-12.03)x(73.81+74.65)/2	180.38	0.03	
142.81		(14.87-14.46)x(73.65+73.81)/2	30.23		
		(12.03-14.87)x(73.65+73.65)/2	-209.17		
U-10	04	(16.98-14.87)x(72.81+73.65)/2	154.52	1.44	
142.81		(17.40-16.98)x(72.65+72.81)/2	30.55		
		(14.87-17.40)x(72.65+72.65)/2	-183.80		
U-10	05	(19.18-17.40)x(71.96+72.65)/2	128.70	1.27	
142.81		(17.40-19.18)x(71.96+71.96)/2	-128.09		
U-10	06	(24.27-19.18)x(72.81+71.96)/2	368.44	0.61	
142.81		(24.50-24.27)x(72.96+72.81)/2	16.76		
		(19.18-24.50)x(71.96+71.96)/2	-382.83		
				2.37	
		A RIPORTARE mq			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq						
U-10	07		(25.54-24.50)x(73.66+72.96)/2	76.24		
142.81			(24.50-25.54)x(72.96+72.96)/2	-75.88		
U-11	01		(-0.12-0.65)x(76.81+77.04)/2	40.77	0.36	
150.59			(2.37-0.12)x(76.04+76.81)/2	190.30		
			(-0.65-2.37)x(76.04+76.04)/2	-229.64		
U-11	02		(3.06-2.37)x(75.82+76.04)/2	52.39	1.43	
150.59			(3.53-3.06)x(75.62+75.82)/2	35.59		
			(6.76-3.53)x(75.04+75.62)/2	243.32		
			(2.37-6.76)x(75.04+75.04)/2	-329.43		
U-11	03		(8.03-6.76)x(74.80+75.04)/2	95.15	1.87	
150.59			(9.33-8.03)x(74.49+74.80)/2	97.04		
			(6.76-9.33)x(74.49+74.49)/2	-191.44		
U-12	01		(-6.01-6.90)x(80.84+81.63)/2	72.30	0.75	
171.61			(-5.69-6.01)x(80.63+80.84)/2	25.84		
			(-6.90-5.69)x(80.63+80.63)/2	-97.56		
U-12	02		(-4.44-5.69)x(79.83+80.63)/2	100.29	0.58	
171.61			(-5.69-4.44)x(79.83+79.83)/2	-99.79		
U-12	03		(15.02-14.35)x(77.78+77.55)/2	52.04	0.50	
171.61			(15.43-15.02)x(77.55+77.78)/2	31.84		
			(14.35-15.43)x(77.55+77.55)/2	-83.75		
U-12	04		(16.75-15.43)x(76.82+77.55)/2	101.88	0.13	
171.61			(17.38-16.75)x(76.55+76.82)/2	48.31		
			(15.43-17.38)x(76.55+76.55)/2	-149.27		
U-12	05		(19.09-17.38)x(75.82+76.55)/2	130.28	0.92	
171.61			(20.75-19.09)x(75.55+75.82)/2	125.64		
			(17.38-20.75)x(75.55+75.55)/2	-254.60		
U-12	06		(25.40-20.75)x(74.80+75.55)/2	349.56	1.32	
171.61			(25.60-25.40)x(74.78+74.80)/2	14.96		
			(20.75-25.60)x(74.78+74.78)/2	-362.68		
U-13	01		(-6.38-6.79)x(82.30+82.34)/2	33.75	1.84	
177.68			(-4.63-6.38)x(82.13+82.30)/2	143.88		
			(-4.43-4.63)x(81.85+82.13)/2	16.40		
			(-3.54-4.43)x(81.34+81.85)/2	72.62		
			(-6.79-3.54)x(81.34+81.34)/2	-264.36		
U-13	02		(-2.61-3.54)x(80.82+81.34)/2	75.40	2.29	
177.68			(-1.58-2.61)x(80.34+80.82)/2	83.00		
			(-3.54-1.58)x(80.34+80.34)/2	-157.47		
U-13	03		(-1.14-1.58)x(80.14+80.34)/2	35.31	0.93	
177.68			(-1.58-1.14)x(80.14+80.14)/2	-35.26		
A RIPORTARE mq				0.05		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				0.05		
U-13	04		(15.64-13.05)x(78.05+78.81)/2	203.13	0.05	
177.68			(16.37-15.64)x(77.81+78.05)/2	56.89		
			(16.39-16.37)x(77.81+77.81)/2	1.56		
			(13.05-16.39)x(77.81+77.81)/2	-259.89		
U-13	05		(18.46-16.39)x(76.81+77.81)/2	160.03	1.69	
177.68			(16.39-18.46)x(76.81+76.81)/2	-159.00		
U-13	06		(24.08-18.46)x(75.93+76.81)/2	429.20	1.03	
177.68			(18.46-24.08)x(75.93+75.93)/2	-426.73		
U-14	01		(-0.05--2.42)x(83.25+83.82)/2	197.98	2.47	
194.83			(0.82--0.05)x(83.05+83.25)/2	72.34		
			(1.07-0.82)x(82.84+83.05)/2	20.74		
			(1.10-1.07)x(82.82+82.84)/2	2.48		
			(-2.42-1.10)x(82.82+82.82)/2	-291.53		
U-14	02		(2.59-1.10)x(81.84+82.82)/2	122.67	2.01	
194.83			(2.62-2.59)x(81.82+81.84)/2	2.45		
			(1.10-2.62)x(81.82+81.82)/2	-124.37		
U-14	03		(3.32-2.62)x(81.25+81.82)/2	57.07	0.75	
194.83			(2.62-3.32)x(81.25+81.25)/2	-56.87		
U-14	04		(17.70-15.87)x(78.84+79.82)/2	145.17	0.20	
194.83			(17.71-17.70)x(78.82+78.84)/2	0.79		
			(15.87-17.71)x(78.82+78.82)/2	-145.03		
U-14	05		(18.58-17.71)x(77.98+78.82)/2	68.21	0.93	
194.83			(19.23-18.58)x(77.82+77.98)/2	50.64		
			(17.71-19.23)x(77.82+77.82)/2	-118.29		
U-14	06		(19.30-19.23)x(77.81+77.82)/2	5.45	0.56	
194.83			(22.80-19.30)x(76.83+77.81)/2	270.62		
			(23.19-22.80)x(76.82+76.83)/2	29.96		
			(19.23-23.19)x(76.82+76.82)/2	-304.21		
U-15	01		(-5.19--8.92)x(84.80+85.14)/2	316.94	1.82	
219.94			(-1.12--5.19)x(84.14+84.80)/2	343.79		
			(-8.92--1.12)x(84.14+84.14)/2	-656.29		
U-15	02		(-0.03--1.12)x(83.96+84.14)/2	91.61	4.44	
219.94			(0.90--0.03)x(83.81+83.96)/2	78.01		
			(3.35-0.90)x(83.14+83.81)/2	204.51		
			(-1.12-3.35)x(83.14+83.14)/2	-371.64		
U-15	03		(4.49-3.35)x(82.83+83.14)/2	94.60	2.49	
219.94			(4.63-4.49)x(82.49+82.83)/2	11.57		
			(3.35-4.63)x(82.49+82.49)/2	-105.59		
A RIPORTARE mq					0.58	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE AREE Foglio n. 21

GRADONATURA

N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
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RIPORTO mq

U-16	01	$(-9.26-10.26) \times (84.44+84.58) / 2$	84.51		
245.02		$(-8.11-9.26) \times (83.82+84.44) / 2$	96.75		
		$(-6.63-8.11) \times (83.58+83.82) / 2$	123.88		
		$(-10.26-6.63) \times (83.58+83.58) / 2$	-303.40		
				1.74	
U-16	02	$(-3.11-6.63) \times (83.00+83.58) / 2$	293.18		
245.02		$(-2.51-3.11) \times (82.80+83.00) / 2$	49.74		
		$(0.09-2.51) \times (82.58+82.80) / 2$	214.99		
		$(-6.63-0.09) \times (82.58+82.58) / 2$	-554.94		
				2.97	
U-16	03	$(3.76-0.09) \times (82.26+82.58) / 2$	302.48		
245.02		$(4.74-3.76) \times (81.80+82.26) / 2$	80.39		
		$(6.79-4.74) \times (81.58+81.80) / 2$	167.46		
		$(0.09-6.79) \times (81.58+81.58) / 2$	-546.59		
				3.74	
U-16	04	$(11.79-6.79) \times (81.02+81.58) / 2$	406.50		
245.02		$(11.97-11.79) \times (80.81+81.02) / 2$	14.56		
		$(14.04-11.97) \times (80.58+80.81) / 2$	167.04		
		$(6.79-14.04) \times (80.58+80.58) / 2$	-584.20		
				3.90	
U-16	05	$(20.43-14.04) \times (79.85+80.58) / 2$	512.57		
245.02		$(20.44-20.43) \times (79.58+79.85) / 2$	0.80		
		$(14.04-20.44) \times (79.58+79.58) / 2$	-509.31		
				4.06	
U-16	06	$(20.45-20.44) \times (79.15+79.58) / 2$	0.79		
245.02		$(23.73-20.45) \times (79.09+79.15) / 2$	259.51		
		$(20.44-23.73) \times (79.09+79.09) / 2$	-260.21		
				0.09	

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TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

		CALCOLO DELLE LUNGHEZZE		Foglio n. 22	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
U-1 0.00	a1	$^1((6.00-4.70)^2+(80.83-80.83)^2)$ $^1((12.21-6.00)^2+(77.28-80.83)^2)$	1.30 7.15	8.45	
U-2 21.73	a1	$^1((6.63-5.33)^2+(80.48-80.48)^2)$ $^1((15.38-6.63)^2+(75.48-80.48)^2)$ $^1((17.38-15.38)^2+(75.48-75.48)^2)$ $^1((18.66-17.38)^2+(74.75-75.48)^2)$	1.30 10.08 2.00 1.47	14.85	
U-7 97.32	a2	$^1((-2.50-1.20)^2+(81.86-81.86)^2)$	1.30	1.30	
U-7 97.32	a1	$^1((8.14-6.84)^2+(81.30-81.30)^2)$ $^1((16.89-8.14)^2+(76.30-81.30)^2)$ $^1((18.89-16.89)^2+(76.30-76.30)^2)$ $^1((24.64-18.89)^2+(73.01-76.30)^2)$	1.30 10.08 2.00 6.62	20.00	
U-8 108.29	a2	$^1((-2.50-1.20)^2+(82.26-82.26)^2)$	1.30	1.30	
U-8 108.29	a1	$^1((7.94-6.64)^2+(81.71-81.71)^2)$ $^1((16.69-7.94)^2+(76.71-81.71)^2)$ $^1((18.69-16.69)^2+(76.71-76.71)^2)$ $^1((25.12-18.69)^2+(73.03-76.71)^2)$	1.30 10.08 2.00 7.41	20.79	
U-9 125.05	a2	$^1((-2.50-1.20)^2+(82.98-82.98)^2)$	1.30	1.30	
U-9 125.05	a1	$^1((7.95-6.65)^2+(82.43-82.43)^2)$ $^1((16.70-7.95)^2+(77.43-82.43)^2)$ $^1((18.70-16.70)^2+(77.43-77.43)^2)$ $^1((25.83-18.70)^2+(73.35-77.43)^2)$	1.30 10.08 2.00 8.21	21.59	
U-10 142.81	a1	$^1((7.70-6.40)^2+(83.28-83.28)^2)$ $^1((16.45-7.70)^2+(78.28-83.28)^2)$ $^1((18.45-16.45)^2+(78.28-78.28)^2)$ $^1((25.81-18.45)^2+(74.08-78.28)^2)$	1.30 10.08 2.00 8.47	21.85	
U-11 150.59	a1	$^1((6.98-5.68)^2+(83.77-83.77)^2)$ $^1((15.73-6.98)^2+(78.77-83.77)^2)$ $^1((17.73-15.73)^2+(78.77-78.77)^2)$ $^1((25.78-17.73)^2+(74.17-78.77)^2)$	1.30 10.08 2.00 9.27	22.65	
U-12 171.61	a1	$^1((6.77-5.47)^2+(84.96-84.96)^2)$ $^1((15.52-6.77)^2+(79.96-84.96)^2)$ $^1((17.52-15.52)^2+(79.96-79.96)^2)$ $^1((26.37-17.52)^2+(74.91-79.96)^2)$	1.30 10.08 2.00 10.19	23.57	
U-13 177.68	a1	$^1((6.75-5.45)^2+(85.25-85.25)^2)$ $^1((15.50-6.75)^2+(80.25-85.25)^2)$ $^1((17.50-15.50)^2+(80.25-80.25)^2)$ $^1((24.95-17.50)^2+(75.99-80.25)^2)$	1.30 10.08 2.00 8.58	21.96	
U-14 194.83	a1	$^1((6.75-5.45)^2+(86.07-86.07)^2)$ $^1((15.50-6.75)^2+(81.07-86.07)^2)$ $^1((17.50-15.50)^2+(81.07-81.07)^2)$ $^1((24.59-17.50)^2+(77.01-81.07)^2)$	1.30 10.08 2.00 8.17		
A RIPORTARE ml			21.55		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE LUNGHEZZE		Foglio n. 23	
SEMINA			
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	NOTE
PROG.			
		LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA
		ml	ml
RIPORTO ml		21,55	
U-15	a2	$^1((-6.25-4.95)^2+(87.52-87.52)^2)$	1.30
219.94		$^1((-8.90-6.25)^2+(86.00-87.52)^2)$	3.05
			4.35
U-15	a1	$^1((6.75-5.45)^2+(87.26-87.26)^2)$	1.30
219.94		$^1((15.50-6.75)^2+(82.26-87.26)^2)$	10.08
		$^1((17.50-15.50)^2+(82.26-82.26)^2)$	2.00
		$^1((20.56-17.50)^2+(80.51-82.26)^2)$	3.53
			16.91
U-15	a3	$^1((22.85-20.56)^2+(79.21-80.51)^2)$	2.63
			2.63
U-16	a1	$^1((-6.25-4.95)^2+(88.57-88.57)^2)$	1.30
245.02		$^1((-10.24-6.25)^2+(86.29-88.57)^2)$	4.60
			5.90
U-16	a2	$^1((6.76-5.46)^2+(88.55-88.55)^2)$	1.30
245.02		$^1((15.51-6.76)^2+(83.55-88.55)^2)$	10.08
		$^1((17.51-15.51)^2+(83.55-83.55)^2)$	2.00
		$^1((23.73-17.51)^2+(79.99-83.55)^2)$	7.17
			20.55
U-17	a1	$^1((-5.31-4.01)^2+(89.39-89.39)^2)$	1.30
270.80		$^1((-9.48-5.31)^2+(87.01-89.39)^2)$	4.80
			6.10
U-17	a2	$^1((5.25-3.95)^2+(89.90-89.90)^2)$	1.30
270.80		$^1((14.00-5.25)^2+(84.90-89.90)^2)$	10.08
		$^1((16.00-14.00)^2+(84.90-84.90)^2)$	2.00
		$^1((19.91-16.00)^2+(82.67-84.90)^2)$	4.50
			17.88
U-18	a1	$^1((-6.25-4.95)^2+(90.48-90.48)^2)$	1.30
295.82		$^1((-9.54-6.25)^2+(88.60-90.48)^2)$	3.79
			5.09
U-18	a2	$^1((3.03-1.73)^2+(90.64-90.64)^2)$	1.30
295.82		$^1((11.78-3.03)^2+(85.64-90.64)^2)$	10.08
		$^1((13.78-11.78)^2+(85.64-85.64)^2)$	2.00
		$^1((16.50-13.78)^2+(84.09-85.64)^2)$	3.13
			16.51
U-19	a1	$^1((-6.25-4.95)^2+(91.37-91.37)^2)$	1.30
314.48		$^1((-8.04-6.25)^2+(90.35-91.37)^2)$	2.06
			3.36
U-19	a2	$^1((3.00-1.70)^2+(91.20-91.20)^2)$	1.30
314.48		$^1((11.75-3.00)^2+(86.20-91.20)^2)$	10.08
		$^1((13.75-11.75)^2+(86.20-86.20)^2)$	2.00
		$^1((15.47-13.75)^2+(85.22-86.20)^2)$	1.98
			15.36
U-20	a2	$^1((-5.62-5.02)^2+(92.03-92.07)^2)$	0.60
			0.60
U-20	a1	$^1((3.00-1.70)^2+(91.81-91.81)^2)$	1.30
333.21		$^1((11.75-3.00)^2+(86.81-91.81)^2)$	10.08
		$^1((13.75-11.75)^2+(86.81-86.81)^2)$	2.00
		$^1((14.68-13.75)^2+(86.27-86.81)^2)$	1.08
			14.46
U-21	a1	$^1((2.90-1.60)^2+(92.25-92.25)^2)$	1.30
		A RIPORTARE ml	1.30

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml				1.30		
346.76			$^1((12.15-2.90)^2+(86.96-92.25)^2)$	10.66		
U-22	al		$^1((3.62-2.32)^2+(93.07-93.07)^2)$	1.30	11.96	
371.88			$^1((12.38-3.62)^2+(88.06-93.07)^2)$	10.09		
U-23	al		$^1((4.00-2.70)^2+(94.02-94.02)^2)$	1.30	11.39	
397.30			$^1((10.89-4.00)^2+(90.08-94.02)^2)$	7.94	9.24	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev	Data
F0	20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
U-13	b1		$^1 ((-6.77-5.77)^2 + (85.46-85.46)^2)$	1.00		
U-14	b1		$^1 ((-8.74-5.77)^2 + (86.27-86.27)^2)$	2.97	1.00	
					2.97	

Il Direttore dei Lavori	L'Impresa
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TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE LUNGHEZZE		Foglio n. 26	
SCOTICO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
U-1 0.00	c1	$^1((0.98-0.00)^2+(74.17-74.13)^2)$ $^1((1.30-0.98)^2+(74.84-74.17)^2)$ $^1((3.66-1.30)^2+(75.25-74.84)^2)$	0.98 0.74 2.40 4.12
U-1 0.00	c2	$^1((4.45-3.67)^2+(74.92-74.67)^2)$ $^1((5.95-4.45)^2+(74.91-74.92)^2)$ $^1((9.21-5.95)^2+(75.83-74.91)^2)$ $^1((10.38-9.21)^2+(75.54-75.83)^2)$	0.82 1.50 3.39 1.21 6.92
U-1	c3	$^1((11.74-10.39)^2+(76.99-76.75)^2)$	1.37 1.37
U-2 21.73	c1	$^1((6.06-3.51)^2+(72.81-72.20)^2)$ $^1((7.49-6.06)^2+(73.16-72.81)^2)$ $^1((8.98-7.49)^2+(73.15-73.16)^2)$ $^1((9.54-8.98)^2+(73.00-73.15)^2)$ $^1((13.00-9.54)^2+(73.81-73.00)^2)$ $^1((13.43-13.00)^2+(74.01-73.81)^2)$ $^1((17.77-13.43)^2+(74.39-74.01)^2)$ $^1((18.19-17.77)^2+(74.46-74.39)^2)$	2.62 1.47 1.49 0.58 3.55 0.47 4.36 0.43 14.97
U-3 39.10	c1	$^1((11.63-12.00)^2+(72.17-72.25)^2)$ $^1((11.54-11.63)^2+(71.81-72.17)^2)$ $^1((9.98-11.54)^2+(71.20-71.81)^2)$ $^1((8.52-9.98)^2+(71.20-71.20)^2)$ $^1((6.88-8.52)^2+(71.50-71.20)^2)$ $^1((0.00-6.88)^2+(71.28-71.50)^2)$	0.38 0.37 1.68 1.46 1.67 6.88 12.44
U-6 78.30	c1	$^1((-1.66-2.18)^2+(69.81-70.18)^2)$ $^1((4.54-1.66)^2+(68.81-69.81)^2)$ $^1((8.72-4.54)^2+(68.81-68.81)^2)$ $^1((9.86-8.72)^2+(69.02-68.81)^2)$	0.64 6.28 4.18 1.16 12.26
U-7 97.32	c1	$^1((-1.54-2.50)^2+(74.80-74.80)^2)$ $^1((4.81-1.54)^2+(74.52-74.80)^2)$	0.96 6.36 7.32
U-7	c2	$^1((24.11-21.69)^2+(72.77-72.58)^2)$	2.43 2.43
U-8	c1	$^1((6.04-2.50)^2+(75.81-76.23)^2)$	8.55 8.55
U-9 125.05	c1	$^1((1.61-2.50)^2+(78.80-78.96)^2)$ $^1((10.39-1.61)^2+(77.80-78.80)^2)$	4.11 8.84 12.95
U-10 142.81	c1	$^1((0.58-1.85)^2+(78.80-79.06)^2)$ $^1((1.71-0.58)^2+(78.59-78.80)^2)$	2.44 1.15 3.59
U-11	c1	$^1((23.51-9.37)^2+(74.92-74.48)^2)$	14.15 14.15
U-12	c1	$^1((2.58-4.33)^2+(79.35-79.80)^2)$	6.92 6.92
U-12 171.61	c2	$^1((4.80-2.59)^2+(78.80-79.10)^2)$ $^1((6.76-4.80)^2+(78.86-78.80)^2)$ $^1((14.28-6.76)^2+(77.56-78.86)^2)$	2.23 1.96 7.63 11.82
A RIPORTARE ml			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

		CALCOLO DELLE LUNGHEZZE		Foglio n. 27	
SCOTICO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml					
U-13	c1	$^1((3.72-1.06)^2+(79.80-80.12)^2)$	4.79		
177.68		$^1((4.87-3.72)^2+(79.76-79.80)^2)$	1.15		
		$^1((8.43-4.87)^2+(79.18-79.76)^2)$	3.61		
		$^1((13.11-8.43)^2+(78.80-79.18)^2)$	4.70		
U-14	c1	$^1((-2.38-8.74)^2+(83.81-84.40)^2)$	6.39	14.25	
U-14	c2	$^1((7.07-3.44)^2+(81.02-81.20)^2)$	3.63	6.39	
194.83		$^1((7.28-7.07)^2+(81.02-81.02)^2)$	0.21		
		$^1((8.20-7.28)^2+(81.02-81.02)^2)$	0.92		
		$^1((10.06-8.20)^2+(80.80-81.02)^2)$	1.87		
U-14	c3	$^1((15.96-10.13)^2+(79.80-79.79)^2)$	5.83	6.63	
U-15	c1	$^1((11.74-4.82)^2+(81.80-82.37)^2)$	6.94	5.83	
219.94		$^1((11.97-11.74)^2+(81.80-81.80)^2)$	0.23		
U-15	c2	$^1((13.89-11.98)^2+(80.80-80.62)^2)$	1.92	7.17	
219.94		$^1((19.86-13.89)^2+(80.36-80.80)^2)$	5.99		
U-17	c1	$^1((-7.94-9.48)^2+(84.83-84.98)^2)$	1.55	7.91	
270.80		$^1((-6.89-7.94)^2+(84.64-84.83)^2)$	1.07		
U-17	c2	$^1((-6.69-6.88)^2+(83.81-84.02)^2)$	0.28	2.62	
270.80		$^1((2.19-6.69)^2+(82.80-83.81)^2)$	8.94		
		$^1((5.48-2.19)^2+(82.69-82.80)^2)$	3.29		
U-17	c3	$^1((9.21-5.49)^2+(81.42-81.66)^2)$	3.73	12.51	
270.80		$^1((18.55-9.21)^2+(80.83-81.42)^2)$	9.36		
		$^1((19.91-18.55)^2+(80.61-80.83)^2)$	1.38		
U-18	c1	$^1((-8.41-9.54)^2+(84.80-84.71)^2)$	1.13	14.47	
295.82		$^1((-3.58-8.41)^2+(84.50-84.80)^2)$	4.84		
		$^1((-3.23-3.58)^2+(83.81-84.50)^2)$	0.77		
		$^1((-2.75-3.23)^2+(83.21-83.81)^2)$	0.77		
		$^1((6.02-2.75)^2+(82.80-83.21)^2)$	8.78		
		$^1((14.70-6.02)^2+(81.59-82.80)^2)$	8.76		
		$^1((14.79-14.70)^2+(81.80-81.59)^2)$	0.23		
		$^1((16.50-14.79)^2+(81.53-81.80)^2)$	1.73		
U-19	c1	$^1((6.96-8.04)^2+(83.81-84.74)^2)$	15.03	27.01	
314.48		$^1((8.40-6.96)^2+(83.66-83.81)^2)$	1.45		
		$^1((8.91-8.40)^2+(83.24-83.66)^2)$	0.66		
		$^1((11.11-8.91)^2+(82.94-83.24)^2)$	2.22		
		$^1((15.47-11.11)^2+(83.13-82.94)^2)$	4.36		
U-20	c1	$^1((1.08-5.62)^2+(86.80-87.02)^2)$	6.70	23.72	
333.21		$^1((2.05-1.08)^2+(86.00-86.80)^2)$	1.26		
		$^1((11.82-2.05)^2+(84.75-86.00)^2)$	9.85		
U-20	c2	$^1((14.68-11.83)^2+(84.13-84.29)^2)$	2.85	17.81	
A RIPORTARE ml			2.85		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml				2.85		
U-21	c1		$^1((-2.28-5.34)^2+(88.16-88.53)^2)$	3.08	2.85	
U-21	c2		$^1((11.43-2.26)^2+(86.82-87.45)^2)$	13.70	3.08	
U-22	c1		$^1((1.16-3.94)^2+(89.80-90.02)^2)$	5.10	13.70	
371.88			$^1((7.50-1.16)^2+(89.48-89.80)^2)$	6.35	11.45	
U-22	c2		$^1((10.70-7.52)^2+(87.80-87.42)^2)$	3.20	4.91	
371.88			$^1((12.38-10.70)^2+(87.50-87.80)^2)$	1.71		
U-23	c1		$^1((1.90-0.00)^2+(91.80-91.96)^2)$	1.91		
397.30			$^1((3.11-1.90)^2+(91.59-91.80)^2)$	1.23		
			$^1((3.47-3.11)^2+(90.80-91.59)^2)$	0.87		
			$^1((10.10-3.47)^2+(89.98-90.80)^2)$	6.68	10.69	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

		CALCOLO DELLE LUNGHEZZE		Foglio n. 29	
SCOTICO SU GRADONATURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
U-2	e1	$^1((3.46-0.00)^2+(73.47-73.43)^2)$	3.46		
				3.46	
U-7	e1	$^1((6.09-4.72)^2+(73.82-74.54)^2)$	1.55		
97.32		$^1((8.94-6.09)^2+(72.81-73.82)^2)$	3.02		
		$^1((12.23-8.94)^2+(71.80-72.81)^2)$	3.44		
		$^1((14.08-12.23)^2+(71.59-71.80)^2)$	1.86		
		$^1((14.69-14.08)^2+(70.85-71.59)^2)$	0.96		
		$^1((15.90-14.69)^2+(70.07-70.85)^2)$	1.44		
		$^1((18.13-15.90)^2+(69.90-70.07)^2)$	2.24		
		$^1((19.42-18.13)^2+(69.85-69.90)^2)$	1.29		
		$^1((20.81-19.42)^2+(70.85-69.85)^2)$	1.71		
		$^1((21.70-20.81)^2+(71.91-70.85)^2)$	1.38		
		$^1((21.88-21.70)^2+(72.74-71.91)^2)$	0.85		
				19.74	
U-8	e1	$^1((9.97-5.99)^2+(74.81-75.82)^2)$	4.11		
108.29		$^1((13.37-9.97)^2+(73.81-74.81)^2)$	3.54		
		$^1((14.94-13.37)^2+(73.25-73.81)^2)$	1.67		
		$^1((15.44-14.94)^2+(72.86-73.25)^2)$	0.63		
		$^1((16.26-15.44)^2+(71.83-72.86)^2)$	1.32		
		$^1((18.55-16.26)^2+(71.13-71.83)^2)$	2.39		
		$^1((19.16-18.55)^2+(70.80-71.13)^2)$	0.69		
		$^1((21.56-19.16)^2+(70.80-70.80)^2)$	2.40		
		$^1((22.81-21.56)^2+(71.83-70.80)^2)$	1.62		
		$^1((24.87-22.81)^2+(72.69-71.83)^2)$	2.23		
				20.60	
U-9	e1	$^1((14.46-10.97)^2+(73.12-73.70)^2)$	3.54		
125.05		$^1((14.96-14.46)^2+(73.76-73.12)^2)$	0.81		
		$^1((16.25-14.96)^2+(73.28-73.76)^2)$	1.38		
		$^1((17.02-16.25)^2+(72.83-73.28)^2)$	0.89		
		$^1((18.74-17.02)^2+(71.81-72.83)^2)$	2.00		
		$^1((22.74-18.74)^2+(70.72-71.81)^2)$	4.15		
		$^1((24.53-22.74)^2+(71.84-70.72)^2)$	2.11		
		$^1((25.57-24.53)^2+(72.85-71.84)^2)$	1.45		
		$^1((25.72-25.57)^2+(72.99-72.85)^2)$	0.21		
				16.54	
U-10	e1	$^1((24.27-25.54)^2+(72.81-73.66)^2)$	1.53		
142.81		$^1((19.18-24.27)^2+(71.96-72.81)^2)$	5.16		
		$^1((16.98-19.18)^2+(72.81-71.96)^2)$	2.36		
		$^1((14.46-16.98)^2+(73.81-72.81)^2)$	2.71		
		$^1((11.71-14.46)^2+(74.76-73.81)^2)$	2.91		
		$^1((11.48-11.71)^2+(74.41-74.76)^2)$	0.42		
		$^1((8.77-11.48)^2+(74.67-74.41)^2)$	2.72		
		$^1((8.74-8.77)^2+(76.75-74.67)^2)$	2.08		
		$^1((6.18-8.74)^2+(77.79-76.75)^2)$	2.76		
		$^1((1.78-6.18)^2+(76.65-77.79)^2)$	4.55		
				27.20	
U-11	e1	$^1((-0.12-0.65)^2+(76.81-77.04)^2)$	0.58		
150.59		$^1((3.06-0.12)^2+(75.82-76.81)^2)$	3.33		
		$^1((3.53-3.06)^2+(75.62-75.82)^2)$	0.51		
		$^1((8.03-3.53)^2+(74.80-75.62)^2)$	4.57		
		$^1((9.33-8.03)^2+(74.49-74.80)^2)$	1.34		
				10.33	
U-12	e1	$^1((-6.01-6.90)^2+(80.84-81.63)^2)$	1.19		
A RIPORTARE ml			1.19		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml				1.19		
171.61			$^1((-4.44-6.01)^2+(79.83-80.84)^2)$	1.87	3.06	
U-12	e2		$^1((15.02-14.35)^2+(77.78-77.55)^2)$	0.71		
171.61			$^1((16.75-15.02)^2+(76.82-77.78)^2)$	1.98		
			$^1((19.09-16.75)^2+(75.82-76.82)^2)$	2.54		
			$^1((25.40-19.09)^2+(74.80-75.82)^2)$	6.39		
			$^1((25.60-25.40)^2+(74.78-74.80)^2)$	0.20		
U-13	e1		$^1((-6.38-6.79)^2+(82.30-82.34)^2)$	0.41	11.82	
177.68			$^1((-4.63-6.38)^2+(82.13-82.30)^2)$	1.76		
			$^1((-4.43-4.63)^2+(81.85-82.13)^2)$	0.34		
			$^1((-2.61-4.43)^2+(80.82-81.85)^2)$	2.09		
			$^1((-1.14-2.61)^2+(80.14-80.82)^2)$	1.62		
U-13	e2		$^1((15.64-13.05)^2+(78.05-78.81)^2)$	2.70	6.22	
177.68			$^1((16.37-15.64)^2+(77.81-78.05)^2)$	0.77		
			$^1((18.46-16.37)^2+(76.81-77.81)^2)$	2.32		
			$^1((24.08-18.46)^2+(75.93-76.81)^2)$	5.69		
U-14	e1		$^1((-0.05-2.42)^2+(83.25-83.82)^2)$	2.44	11.48	
194.83			$^1((0.82-0.05)^2+(83.05-83.25)^2)$	0.89		
			$^1((1.07-0.82)^2+(82.84-83.05)^2)$	0.33		
			$^1((2.59-1.07)^2+(81.84-82.84)^2)$	1.82		
			$^1((3.32-2.59)^2+(81.25-81.84)^2)$	0.94		
U-14	e2		$^1((17.70-15.87)^2+(78.84-79.82)^2)$	2.08	6.42	
194.83			$^1((18.58-17.70)^2+(77.98-78.84)^2)$	1.23		
			$^1((19.30-18.58)^2+(77.81-77.98)^2)$	0.74		
			$^1((22.80-19.30)^2+(76.83-77.81)^2)$	3.63		
			$^1((23.97-22.80)^2+(76.82-76.83)^2)$	1.17		
U-15	e1		$^1((-5.19-8.92)^2+(84.80-85.14)^2)$	3.75	8.85	
219.94			$^1((-0.03-5.19)^2+(83.96-84.80)^2)$	5.23		
			$^1((0.90-0.03)^2+(83.81-83.96)^2)$	0.94		
			$^1((4.49-0.90)^2+(82.83-83.81)^2)$	3.72		
			$^1((4.63-4.49)^2+(82.49-82.83)^2)$	0.37		
U-16	e1		$^1((-9.26-10.26)^2+(84.44-84.58)^2)$	1.01	14.01	
245.02			$^1((-8.11-9.26)^2+(83.82-84.44)^2)$	1.31		
			$^1((-3.11-8.11)^2+(83.00-83.82)^2)$	5.07		
			$^1((-2.51-3.11)^2+(82.80-83.00)^2)$	0.63		
			$^1((3.76-2.51)^2+(82.26-82.80)^2)$	6.29		
			$^1((4.74-3.76)^2+(81.80-82.26)^2)$	1.08		
			$^1((11.79-4.74)^2+(81.02-81.80)^2)$	7.09		
			$^1((11.97-11.79)^2+(80.81-81.02)^2)$	0.28		
			$^1((20.43-11.97)^2+(79.85-80.81)^2)$	8.51		
			$^1((20.45-20.43)^2+(79.15-79.85)^2)$	0.70		
			$^1((23.73-20.45)^2+(79.09-79.15)^2)$	3.28	35.25	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE LUNGHEZZE		Foglio n. 31	
BONIFICA RILEVATO			
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	NOTE
PROG.			
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
U-1	f1	$^1((0.98-0.00)^2+(74.17-74.13)^2)$	0.98
0.00		$^1((1.30-0.98)^2+(74.84-74.17)^2)$	0.74
		$^1((3.66-1.30)^2+(75.25-74.84)^2)$	2.40
			4.12
U-1	f2	$^1((4.45-3.67)^2+(74.92-74.67)^2)$	0.82
0.00		$^1((5.95-4.45)^2+(74.91-74.92)^2)$	1.50
		$^1((9.21-5.95)^2+(75.83-74.91)^2)$	3.39
		$^1((10.38-9.21)^2+(75.54-75.83)^2)$	1.21
			6.92
U-1	f3	$^1((11.74-10.39)^2+(76.99-76.75)^2)$	1.37
			1.37
U-2	f1	$^1((6.06-3.51)^2+(72.81-72.20)^2)$	2.62
21.73		$^1((7.49-6.06)^2+(73.16-72.81)^2)$	1.47
		$^1((8.98-7.49)^2+(73.15-73.16)^2)$	1.49
		$^1((9.54-8.98)^2+(73.00-73.15)^2)$	0.58
		$^1((13.00-9.54)^2+(73.81-73.00)^2)$	3.55
		$^1((13.43-13.00)^2+(74.01-73.81)^2)$	0.47
		$^1((17.77-13.43)^2+(74.39-74.01)^2)$	4.36
		$^1((18.19-17.77)^2+(74.46-74.39)^2)$	0.43
			14.97
U-3	f1	$^1((11.63-12.00)^2+(72.17-72.25)^2)$	0.38
39.10		$^1((11.54-11.63)^2+(71.81-72.17)^2)$	0.37
		$^1((9.98-11.54)^2+(71.20-71.81)^2)$	1.68
		$^1((8.52-9.98)^2+(71.20-71.20)^2)$	1.46
		$^1((6.88-8.52)^2+(71.50-71.20)^2)$	1.67
		$^1((0.00-6.88)^2+(71.28-71.50)^2)$	6.88
			12.44
U-6	f1	$^1((-1.66-2.18)^2+(69.81-70.18)^2)$	0.64
78.30		$^1((4.54-1.66)^2+(68.81-69.81)^2)$	6.28
		$^1((8.72-4.54)^2+(68.81-68.81)^2)$	4.18
		$^1((9.86-8.72)^2+(69.02-68.81)^2)$	1.16
			12.26
U-7	f1	$^1((-1.54-2.50)^2+(74.80-74.80)^2)$	0.96
97.32		$^1((4.81-1.54)^2+(74.52-74.80)^2)$	6.36
			7.32
U-7	f2	$^1((24.11-21.69)^2+(72.77-72.58)^2)$	2.43
			2.43
U-8	f1	$^1((6.04-2.50)^2+(75.81-76.23)^2)$	8.55
			8.55
U-9	f1	$^1((1.61-2.50)^2+(78.80-78.96)^2)$	4.11
125.05		$^1((10.39-1.61)^2+(77.80-78.80)^2)$	8.84
			12.95
U-10	f1	$^1((0.58-1.85)^2+(78.80-79.06)^2)$	2.44
142.81		$^1((1.71-0.58)^2+(78.59-78.80)^2)$	1.15
			3.59
U-11	f1	$^1((23.51-9.37)^2+(74.92-74.48)^2)$	14.15
			14.15
U-12	f1	$^1((2.58-4.33)^2+(79.35-79.80)^2)$	6.92
			6.92
U-12	f2	$^1((4.80-2.59)^2+(78.80-79.10)^2)$	2.23
171.61		$^1((6.76-4.80)^2+(78.86-78.80)^2)$	1.96
		$^1((14.28-6.76)^2+(77.56-78.86)^2)$	7.63
			11.82
		A RIPORTARE ml	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

		CALCOLO DELLE LUNGHEZZE		Foglio n. 32	
BONIFICA RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml					
U-13	f1	$^1((3.72-1.06)^2+(79.80-80.12)^2)$	4.79		
177.68		$^1((4.87-3.72)^2+(79.76-79.80)^2)$	1.15		
		$^1((8.43-4.87)^2+(79.18-79.76)^2)$	3.61		
		$^1((13.11-8.43)^2+(78.80-79.18)^2)$	4.70		
U-14	f1	$^1((-2.38-8.74)^2+(83.81-84.40)^2)$	6.39	14.25	
U-14	f2	$^1((7.07-3.44)^2+(81.02-81.20)^2)$	3.63	6.39	
194.83		$^1((7.28-7.07)^2+(81.02-81.02)^2)$	0.21		
		$^1((8.20-7.28)^2+(81.02-81.02)^2)$	0.92		
		$^1((10.06-8.20)^2+(80.80-81.02)^2)$	1.87		
U-14	f3	$^1((15.96-10.13)^2+(79.80-79.79)^2)$	5.83	6.63	
U-15	f1	$^1((11.74-4.82)^2+(81.80-82.37)^2)$	6.94	5.83	
219.94		$^1((11.97-11.74)^2+(81.80-81.80)^2)$	0.23		
U-15	f2	$^1((13.89-11.98)^2+(80.80-80.62)^2)$	1.92	7.17	
219.94		$^1((19.86-13.89)^2+(80.36-80.80)^2)$	5.99		
U-17	f1	$^1((-7.94-9.48)^2+(84.83-84.98)^2)$	1.55	7.91	
270.80		$^1((-6.89-7.94)^2+(84.64-84.83)^2)$	1.07		
U-17	f2	$^1((-6.69-6.88)^2+(83.81-84.02)^2)$	0.28	2.62	
270.80		$^1((2.19-6.69)^2+(82.80-83.81)^2)$	8.94		
		$^1((5.48-2.19)^2+(82.69-82.80)^2)$	3.29		
U-17	f3	$^1((9.21-5.49)^2+(81.42-81.66)^2)$	3.73	12.51	
270.80		$^1((18.55-9.21)^2+(80.83-81.42)^2)$	9.36		
		$^1((19.91-18.55)^2+(80.61-80.83)^2)$	1.38		
U-18	f1	$^1((-8.41-9.54)^2+(84.80-84.71)^2)$	1.13	14.47	
295.82		$^1((-3.58-8.41)^2+(84.50-84.80)^2)$	4.84		
		$^1((-3.23-3.58)^2+(83.81-84.50)^2)$	0.77		
		$^1((-2.75-3.23)^2+(83.21-83.81)^2)$	0.77		
		$^1((6.02-2.75)^2+(82.80-83.21)^2)$	8.78		
		$^1((14.70-6.02)^2+(81.59-82.80)^2)$	8.76		
		$^1((14.79-14.70)^2+(81.80-81.59)^2)$	0.23		
		$^1((16.50-14.79)^2+(81.53-81.80)^2)$	1.73		
U-19	f1	$^1((6.96-8.04)^2+(83.81-84.74)^2)$	15.03	27.01	
314.48		$^1((8.40-6.96)^2+(83.66-83.81)^2)$	1.45		
		$^1((8.91-8.40)^2+(83.24-83.66)^2)$	0.66		
		$^1((11.11-8.91)^2+(82.94-83.24)^2)$	2.22		
		$^1((15.47-11.11)^2+(83.13-82.94)^2)$	4.36		
U-20	f1	$^1((1.08-5.62)^2+(86.80-87.02)^2)$	6.70	23.72	
333.21		$^1((2.05-1.08)^2+(86.00-86.80)^2)$	1.26		
		$^1((11.82-2.05)^2+(84.75-86.00)^2)$	9.85		
U-20	f2	$^1((14.68-11.83)^2+(84.13-84.29)^2)$	2.85	17.81	
A RIPORTARE ml			2.85		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml				2.85		
U-21	f1		$^1((-2.28-5.34)^2+(88.16-88.53)^2)$	3.08	2.85	
U-21	f2		$^1((11.43-2.26)^2+(86.82-87.45)^2)$	13.70	3.08	
U-22	f1		$^1((1.16-3.94)^2+(89.80-90.02)^2)$	5.10	13.70	
371.88			$^1((7.50-1.16)^2+(89.48-89.80)^2)$	6.35		
U-22	f2		$^1((10.70-7.52)^2+(87.80-87.42)^2)$	3.20	11.45	
371.88			$^1((12.38-10.70)^2+(87.50-87.80)^2)$	1.71		
U-23	f1		$^1((1.90-0.00)^2+(91.80-91.96)^2)$	1.91	4.91	
397.30			$^1((3.11-1.90)^2+(91.59-91.80)^2)$	1.23		
			$^1((3.47-3.11)^2+(90.80-91.59)^2)$	0.87		
			$^1((10.10-3.47)^2+(89.98-90.80)^2)$	6.68	10.69	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 34						
USURA						
U-1	g1		$^1((4.50-0.00)^2+(80.68-80.79)^2)$	4.50		
0.00			$^1((4.60-4.50)^2+(80.68-80.68)^2)$	0.10	4.60	
U-2	g1		$^1((5.13-0.00)^2+(80.34-80.57)^2)$	5.14		
21.73			$^1((5.23-5.13)^2+(80.33-80.34)^2)$	0.10	5.24	
U-3	g1		$^1((5.52-0.00)^2+(80.22-80.56)^2)$	5.53		
					5.53	
U-6	g1		$^1((7.55-1.20)^2+(80.57-81.18)^2)$	8.77		
					8.77	
U-7	g1		$^1((-1.00-1.10)^2+(81.70-81.71)^2)$	0.10		
97.32			$^1((6.64-1.00)^2+(81.16-81.70)^2)$	7.66		
			$^1((6.74-6.64)^2+(81.16-81.16)^2)$	0.10		
					7.86	
U-8	g1		$^1((-1.00-1.10)^2+(82.09-82.10)^2)$	0.10		
108.29			$^1((6.44-1.00)^2+(81.57-82.09)^2)$	7.46		
			$^1((6.54-6.44)^2+(81.57-81.57)^2)$	0.10		
					7.66	
U-9	g1		$^1((-1.00-1.10)^2+(82.81-82.82)^2)$	0.10		
125.05			$^1((6.45-1.00)^2+(82.29-82.81)^2)$	7.47		
			$^1((6.55-6.45)^2+(82.28-82.29)^2)$	0.10		
					7.67	
U-10	g1		$^1((6.20-1.85)^2+(83.15-83.71)^2)$	8.07		
142.81			$^1((6.30-6.20)^2+(83.14-83.15)^2)$	0.10		
					8.17	
U-11	g1		$^1((5.48-0.57)^2+(83.64-83.98)^2)$	6.06		
150.59			$^1((5.58-5.48)^2+(83.63-83.64)^2)$	0.10		
					6.16	
U-12	g1		$^1((5.27-4.74)^2+(84.82-85.07)^2)$	10.01		
171.61			$^1((5.37-5.27)^2+(84.82-84.82)^2)$	0.10		
					10.11	
U-13	g1		$^1((5.25-4.75)^2+(85.11-85.36)^2)$	10.00		
177.68			$^1((5.35-5.25)^2+(85.10-85.11)^2)$	0.10		
					10.10	
U-14	g1		$^1((5.25-4.75)^2+(85.92-86.17)^2)$	10.00		
194.83			$^1((5.35-5.25)^2+(85.92-85.92)^2)$	0.10		
					10.10	
U-15	g1		$^1((-4.75-4.85)^2+(87.36-87.37)^2)$	0.10		
219.94			$^1((5.25-4.75)^2+(87.11-87.36)^2)$	10.00		
			$^1((5.35-5.25)^2+(87.11-87.11)^2)$	0.10		
					10.20	
U-16	g1		$^1((-4.75-4.85)^2+(88.42-88.42)^2)$	0.10		
245.02			$^1((5.26-4.75)^2+(88.40-88.42)^2)$	10.01		
			$^1((5.36-5.26)^2+(88.40-88.40)^2)$	0.10		
					10.21	
U-17	g1		$^1((-3.81-3.91)^2+(89.25-89.25)^2)$	0.10		
270.80			$^1((3.75-3.81)^2+(89.74-89.25)^2)$	7.58		
			$^1((3.85-3.75)^2+(89.75-89.74)^2)$	0.10		
					7.78	
U-18	g1		$^1((-4.75-4.85)^2+(90.33-90.33)^2)$	0.10		
295.82			$^1((1.53-4.75)^2+(90.49-90.33)^2)$	6.28		
			$^1((1.63-1.53)^2+(90.49-90.49)^2)$	0.10		
					6.48	
A RIPORTARE ml						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml						
U-19	g1		$\sqrt{(-4.75-4.85)^2+(91.21-91.21)^2}$	0.10		
314.48			$\sqrt{(1.50-4.75)^2+(91.05-91.21)^2}$	6.25		
			$\sqrt{(1.60-1.50)^2+(91.05-91.05)^2}$	0.10		
U-20	g1		$\sqrt{(-4.82-4.92)^2+(91.91-91.91)^2}$	0.10	6.45	
333.21			$\sqrt{(1.50-4.82)^2+(91.66-91.91)^2}$	6.32		
			$\sqrt{(1.60-1.50)^2+(91.66-91.66)^2}$	0.10		
U-21	g1		$\sqrt{(1.50-5.34)^2+(92.10-92.45)^2}$	6.85	6.52	
U-22	g1		$\sqrt{(2.12-3.94)^2+(92.93-93.20)^2}$	6.07	6.85	
					6.07	
U-23	g1		$\sqrt{(2.50-0.00)^2+(93.88-93.94)^2}$	2.50		
397.30			$\sqrt{(2.60-2.50)^2+(93.87-93.88)^2}$	0.10	2.60	
Il Direttore dei Lavori _____ L'Impresa _____						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

		CALCOLO DELLE LUNGHEZZE		Foglio n. 36	
BINDER					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
U-1	h1	$^1((4.50-0.00)^2+(80.63-80.74)^2)$	4.50		
0.00		$^1((4.70-4.50)^2+(80.63-80.63)^2)$	0.20	4.70	
U-2	h1	$^1((5.13-0.00)^2+(80.29-80.52)^2)$	5.14		
21.73		$^1((5.33-5.13)^2+(80.28-80.29)^2)$	0.20	5.34	
U-3	h1	$^1((5.57-0.00)^2+(80.16-80.51)^2)$	5.58		
				5.58	
U-6	h1	$^1((7.55-1.20)^2+(80.52-81.13)^2)$	8.77		
				8.77	
U-7	h1	$^1((-1.00-1.20)^2+(81.65-81.66)^2)$	0.20		
97.32		$^1((6.64-1.00)^2+(81.11-81.65)^2)$	7.66		
		$^1((6.84-6.64)^2+(81.10-81.11)^2)$	0.20		
				8.06	
U-8	h1	$^1((-1.00-1.20)^2+(82.04-82.06)^2)$	0.20		
108.29		$^1((6.44-1.00)^2+(81.52-82.04)^2)$	7.46		
		$^1((6.64-6.44)^2+(81.51-81.52)^2)$	0.20		
				7.86	
U-9	h1	$^1((-1.00-1.20)^2+(82.76-82.78)^2)$	0.20		
125.05		$^1((6.45-1.00)^2+(82.24-82.76)^2)$	7.47		
		$^1((6.65-6.45)^2+(82.23-82.24)^2)$	0.20		
				7.87	
U-10	h1	$^1((6.20-1.85)^2+(83.10-83.66)^2)$	8.07		
142.81		$^1((6.40-6.20)^2+(83.08-83.10)^2)$	0.20		
				8.27	
U-11	h1	$^1((5.48-0.57)^2+(83.59-83.93)^2)$	6.06		
150.59		$^1((5.68-5.48)^2+(83.57-83.59)^2)$	0.20		
				6.26	
U-12	h1	$^1((5.27-4.74)^2+(84.77-85.02)^2)$	10.01		
171.61		$^1((5.47-5.27)^2+(84.76-84.77)^2)$	0.20		
				10.21	
U-13	h1	$^1((5.25-4.75)^2+(85.06-85.31)^2)$	10.00		
177.68		$^1((5.45-5.25)^2+(85.05-85.06)^2)$	0.20		
				10.20	
U-14	h1	$^1((5.25-4.75)^2+(85.87-86.12)^2)$	10.00		
194.83		$^1((5.45-5.25)^2+(85.87-85.87)^2)$	0.20		
				10.20	
U-15	h1	$^1((-4.75-4.95)^2+(87.31-87.32)^2)$	0.20		
219.94		$^1((5.25-4.75)^2+(87.06-87.31)^2)$	10.00		
		$^1((5.45-5.25)^2+(87.06-87.06)^2)$	0.20		
				10.40	
U-16	h1	$^1((-4.75-4.95)^2+(88.37-88.37)^2)$	0.20		
245.02		$^1((5.26-4.75)^2+(88.35-88.37)^2)$	10.01		
		$^1((5.46-5.26)^2+(88.35-88.35)^2)$	0.20		
				10.41	
U-17	h1	$^1((-3.81-4.01)^2+(89.20-89.19)^2)$	0.20		
270.80		$^1((3.75-3.81)^2+(89.69-89.20)^2)$	7.58		
		$^1((3.95-3.75)^2+(89.70-89.69)^2)$	0.20		
				7.98	
U-18	h1	$^1((-4.75-4.95)^2+(90.28-90.28)^2)$	0.20		
295.82		$^1((1.53-4.75)^2+(90.44-90.28)^2)$	6.28		
		$^1((1.73-1.53)^2+(90.44-90.44)^2)$	0.20		
				6.68	
A RIPORTARE ml					

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml						
U-19	h1		$^1((-4.75-4.95)^2+(91.16-91.17)^2)$	0.20		
314.48			$^1((1.50-4.75)^2+(91.00-91.16)^2)$	6.25		
			$^1((1.70-1.50)^2+(91.00-91.00)^2)$	0.20		
					6.65	
U-20	h1		$^1((-4.82-5.02)^2+(91.86-91.87)^2)$	0.20		
333.21			$^1((1.50-4.82)^2+(91.61-91.86)^2)$	6.32		
			$^1((1.70-1.50)^2+(91.61-91.61)^2)$	0.20		
					6.72	
U-21	h1		$^1((1.50-5.34)^2+(92.05-92.40)^2)$	6.85		
					6.85	
U-21	h2		$^1((1.60-1.50)^2+(92.05-92.05)^2)$	0.10		
					0.10	
U-22	h1		$^1((2.12-3.94)^2+(92.88-93.15)^2)$	6.07		
371.88			$^1((2.32-2.12)^2+(92.87-92.88)^2)$	0.20		
					6.27	
U-23	h1		$^1((2.50-0.00)^2+(93.83-93.89)^2)$	2.50		
397.30			$^1((2.70-2.50)^2+(93.82-93.83)^2)$	0.20		
					2.70	
Il Direttore dei Lavori						
L'Impresa						

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 38						
BASE						
U-1		i1	$^1((4.50-0.00)^2+(80.48-80.59)^2)$	4.50		
0.00			$^1((4.96-4.50)^2+(80.47-80.48)^2)$	0.46	4.96	
U-2		i1	$^1((5.13-0.00)^2+(80.14-80.37)^2)$	5.14		
21.73			$^1((5.59-5.13)^2+(80.11-80.14)^2)$	0.46	5.60	
U-3		i1	$^1((5.79-0.00)^2+(80.00-80.36)^2)$	5.80		
U-6		i1	$^1((7.55-1.20)^2+(80.37-80.98)^2)$	8.77	5.80	
U-7		i1	$^1((-1.00-1.43)^2+(81.50-81.53)^2)$	0.43	8.77	
97.32			$^1((6.64-1.00)^2+(80.96-81.50)^2)$	7.66		
			$^1((7.11-6.64)^2+(80.93-80.96)^2)$	0.47	8.56	
U-8		i1	$^1((-1.00-1.43)^2+(81.89-81.92)^2)$	0.43		
108.29			$^1((6.44-1.00)^2+(81.37-81.89)^2)$	7.46	8.36	
			$^1((6.91-6.44)^2+(81.34-81.37)^2)$	0.47		
U-9		i1	$^1((-1.00-1.43)^2+(82.61-82.64)^2)$	0.43		
125.05			$^1((6.45-1.00)^2+(82.09-82.61)^2)$	7.47	8.37	
			$^1((6.92-6.45)^2+(82.06-82.09)^2)$	0.47		
U-10		i1	$^1((6.20-1.85)^2+(82.95-83.51)^2)$	8.07		
142.81			$^1((6.67-6.20)^2+(82.91-82.95)^2)$	0.47	8.54	
U-11		i1	$^1((5.48-0.57)^2+(83.44-83.78)^2)$	6.06		
150.59			$^1((5.94-5.48)^2+(83.41-83.44)^2)$	0.46	6.52	
U-12		i1	$^1((5.27-4.74)^2+(84.62-84.87)^2)$	10.01		
171.61			$^1((5.73-5.27)^2+(84.61-84.62)^2)$	0.46	10.47	
U-13		i1	$^1((5.25-4.75)^2+(84.91-85.16)^2)$	10.00		
177.68			$^1((5.71-5.25)^2+(84.90-84.91)^2)$	0.46	10.46	
U-14		i1	$^1((5.25-4.75)^2+(85.72-85.97)^2)$	10.00		
194.83			$^1((5.71-5.25)^2+(85.71-85.72)^2)$	0.46	10.46	
U-15		i1	$^1((-4.75-5.19)^2+(87.16-87.18)^2)$	0.44		
219.94			$^1((5.25-4.75)^2+(86.91-87.16)^2)$	10.00	10.90	
			$^1((5.71-5.25)^2+(86.90-86.91)^2)$	0.46		
U-16		i1	$^1((-4.75-5.20)^2+(88.22-88.22)^2)$	0.45		
245.02			$^1((5.26-4.75)^2+(88.20-88.22)^2)$	10.01	10.91	
			$^1((5.71-5.26)^2+(88.19-88.20)^2)$	0.45		
U-17		i1	$^1((-3.81-4.28)^2+(89.05-89.02)^2)$	0.47		
270.80			$^1((3.75-3.81)^2+(89.54-89.05)^2)$	7.58	8.49	
			$^1((4.19-3.75)^2+(89.57-89.54)^2)$	0.44		
U-18		i1	$^1((-4.75-5.20)^2+(90.13-90.12)^2)$	0.45		
295.82			$^1((1.53-4.75)^2+(90.29-90.13)^2)$	6.28	7.18	
			$^1((1.98-1.53)^2+(90.30-90.29)^2)$	0.45		
A RIPORTARE ml						

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml						
U-19	i1		$\sqrt{(-4.75-5.19)^2+(91.01-91.02)^2}$	0.44		
314.48			$\sqrt{(1.50-4.75)^2+(90.85-91.01)^2}$	6.25		
			$\sqrt{(1.96-1.50)^2+(90.84-90.85)^2}$	0.46		
U-20	i1		$\sqrt{(-4.82-5.02)^2+(91.71-91.72)^2}$	0.20		7.15
333.21			$\sqrt{(1.50-4.82)^2+(91.46-91.71)^2}$	6.32		
			$\sqrt{(1.96-1.50)^2+(91.45-91.46)^2}$	0.46		
U-21	i1		$\sqrt{(1.50-5.34)^2+(91.90-92.25)^2}$	6.85		6.98
U-21	i2		$\sqrt{(1.86-1.50)^2+(91.89-91.90)^2}$	0.36		6.85
						0.36
U-22	i1		$\sqrt{(2.12-3.94)^2+(92.73-93.00)^2}$	6.07		
371.88			$\sqrt{(2.58-2.12)^2+(92.71-92.73)^2}$	0.46		
						6.53
U-23	i1		$\sqrt{(2.50-0.00)^2+(93.68-93.74)^2}$	2.50		
397.30			$\sqrt{(2.95-2.50)^2+(93.66-93.68)^2}$	0.45		
						2.95
Il Direttore dei Lavori						
L'Impresa						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE LUNGHEZZE		Foglio n. 40	
FONDAZIONE			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
U-1	ml	$^1((4.50-0.00)^2+(80.03-80.14)^2)$	4.50
0.00		$^1((5.42-4.50)^2+(80.01-80.03)^2)$	0.92
			5.42
U-2	ml	$^1((5.13-0.00)^2+(79.69-79.92)^2)$	5.14
21.73		$^1((6.07-5.13)^2+(79.64-79.69)^2)$	0.94
			6.08
U-3	ml	$^1((6.27-0.00)^2+(79.52-79.91)^2)$	6.28
			6.28
U-6	ml	$^1((7.55-1.20)^2+(79.92-80.53)^2)$	8.77
			8.77
U-7	ml	$^1((-1.00-1.85)^2+(81.05-81.11)^2)$	0.85
97.32		$^1((6.64-1.00)^2+(80.51-81.05)^2)$	7.66
		$^1((7.59-6.64)^2+(80.45-80.51)^2)$	0.95
			9.46
U-8	ml	$^1((-1.00-1.85)^2+(81.44-81.50)^2)$	0.85
108.29		$^1((6.44-1.00)^2+(80.92-81.44)^2)$	7.46
		$^1((7.39-6.44)^2+(80.86-80.92)^2)$	0.95
			9.26
U-9	ml	$^1((-1.00-1.85)^2+(82.16-82.22)^2)$	0.85
125.05		$^1((6.45-1.00)^2+(81.64-82.16)^2)$	7.47
		$^1((7.40-6.45)^2+(81.57-81.64)^2)$	0.95
			9.27
U-10	ml	$^1((6.20-1.85)^2+(82.50-83.06)^2)$	8.07
142.81		$^1((7.15-6.20)^2+(82.43-82.50)^2)$	0.95
			9.02
U-11	ml	$^1((5.48-0.57)^2+(82.99-83.33)^2)$	6.06
150.59		$^1((6.42-5.48)^2+(82.93-82.99)^2)$	0.94
			7.00
U-12	ml	$^1((5.27-4.74)^2+(84.17-84.42)^2)$	10.01
171.61		$^1((6.19-5.27)^2+(84.14-84.17)^2)$	0.92
			10.93
U-13	ml	$^1((5.25-4.75)^2+(84.46-84.71)^2)$	10.00
177.68		$^1((6.17-5.25)^2+(84.43-84.46)^2)$	0.92
			10.92
U-14	ml	$^1((5.25-4.75)^2+(85.27-85.52)^2)$	10.00
194.83		$^1((6.17-5.25)^2+(85.25-85.27)^2)$	0.92
			10.92
U-15	ml	$^1((-4.75-5.63)^2+(86.71-86.74)^2)$	0.88
219.94		$^1((5.25-4.75)^2+(86.46-86.71)^2)$	10.00
		$^1((6.17-5.25)^2+(86.44-86.46)^2)$	0.92
			11.80
U-16	ml	$^1((-4.75-5.65)^2+(87.77-87.77)^2)$	0.90
245.02		$^1((5.26-4.75)^2+(87.75-87.77)^2)$	10.01
		$^1((6.16-5.26)^2+(87.74-87.75)^2)$	0.90
			11.81
U-17	ml	$^1((-3.81-4.76)^2+(88.60-88.54)^2)$	0.95
270.80		$^1((4.61-3.81)^2+(89.14-88.60)^2)$	8.44
			9.39
U-18	ml	$^1((-4.75-5.67)^2+(89.68-89.66)^2)$	0.92
295.82		$^1((1.53-4.75)^2+(89.84-89.68)^2)$	6.28
		$^1((2.42-1.53)^2+(89.86-89.84)^2)$	0.89
			8.09
U-19	ml	$^1((-4.75-5.63)^2+(90.56-90.58)^2)$	0.88
		A RIPORTARE ml	0.88

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

CALCOLO DELLE LUNGHEZZE		Foglio n. 41	
FONDAZIONE			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	0.88
314.48		$^1((1.50-4.75)^2+(90.40-90.56)^2)$	6.25
		$^1((2.42-1.50)^2+(90.38-90.40)^2)$	0.92
U-20	ml	$^1((-4.82-5.02)^2+(91.26-91.27)^2)$	0.20
333.21		$^1((1.50-4.82)^2+(91.01-91.26)^2)$	6.32
		$^1((2.43-1.50)^2+(90.98-91.01)^2)$	0.93
U-21	ml	$^1((1.50-5.34)^2+(91.45-91.80)^2)$	6.85
U-21	m2	$^1((2.34-1.50)^2+(91.41-91.45)^2)$	0.84
U-22	ml	$^1((2.12-3.94)^2+(92.28-92.55)^2)$	6.07
371.88		$^1((3.05-2.12)^2+(92.24-92.28)^2)$	0.93
U-23	ml	$^1((2.50-0.00)^2+(93.23-93.29)^2)$	2.50
397.30		$^1((3.41-2.50)^2+(93.20-93.23)^2)$	0.91
			8.05
			7.45
			6.85
			0.84
			7.00
			3.41
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

DALLA SEZ. DA PROG.		ALLA SEZ. A PROG.		SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc	
U-1	U-2	U-1	U-2	C1		2.49	21.73	10.87	27.066		
0.00	21.73			C1		4.42	21.73	10.87	48.045	75.111	
U-2	U-3	U-2	U-3	C1		4.42	17.37	8.69	38.410	38.410	
U-6	U-7	U-7	U-7	C1		0.37	19.02	9.51	3.519		
78.30	97.32			C2		5.95	19.02	9.51	56.584	60.103	
U-7	U-8	U-7	U-8	C1		0.37	10.97	5.49	2.031		
97.32	108.29			C2		5.95	10.97	5.49	32.666		
				C1		0.37	10.97	5.49	2.031		
				C2		6.25	10.97	5.49	34.313	71.041	
U-8	U-9	U-8	U-9	C1		0.37	16.76	8.38	3.101		
108.29	125.05			C2		6.25	16.76	8.38	52.375		
				C1		0.36	16.76	8.38	3.017		
				C2		6.50	16.76	8.38	54.470	112.963	
U-9	U-10	U-9	U-10	C1		0.36	17.76	8.88	3.197		
125.05	142.81			C2		6.50	17.76	8.88	57.720		
				C1		6.59	17.76	8.88	58.519		
U-10	U-11	U-10	U-11	C1		6.59	7.78	3.89	25.635	119.436	
142.81	150.59			C1		6.46	7.78	3.89	25.129	50.764	
U-11	U-12	U-11	U-12	C1		6.46	21.02	10.51	67.895		
150.59	171.61			C1		7.05	21.02	10.51	74.096	141.991	
U-12	U-13	U-12	U-13	C1		7.05	6.07	3.03	21.361		
171.61	177.68			C1		0.30	6.07	3.03	0.909		
				C2		6.50	6.07	3.03	19.695	41.965	
U-13	U-14	U-13	U-14	C1		0.30	17.15	8.58	2.574		
177.68	194.83			C2		6.50	17.15	8.58	55.770		
				C1		0.89	17.15	8.58	7.636		
				C2		6.41	17.15	8.58	54.998	120.978	
U-14	U-15	U-14	U-15	C1		0.89	25.11	12.55	11.170		
194.83	219.94			C2		6.41	25.11	12.55	80.446		
				C1		1.31	25.11	12.55	16.441		
				C2		5.41	25.11	12.55	67.896	175.953	
U-15	U-16	U-15	U-16	C1		1.31	25.08	12.54	16.427		
219.94	245.02			C2		5.41	25.08	12.54	67.841		
				C1		1.78	25.08	12.54	22.321		
				C2		6.24	25.08	12.54	78.250	184.839	
U-16	U-17	U-16	U-17	C1		1.78	25.78	12.89	22.944		
245.02	270.80			C2		6.24	25.78	12.89	80.434		
				C1		5.41	25.78	12.89	69.735		
				C2		1.85	25.78	12.89	23.847	196.960	
U-17	U-18	U-17	U-18	C1		5.41	25.02	12.51	67.679		
									A RIPORTARE mc	67.679	1390.514

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DEI VOLUMI										Foglio n. 43	
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
A RIPORTARE mc							67.679	1390.514			
270.80	295.82	U-17	C2	1.85	25.02	12.51	23.144				
		U-18	C1	1.52	25.02	12.51	19.015				
		U-18	C2	5.00	25.02	12.51	62.550			172.388	
U-18	U-19	U-18	C1	1.52	18.66	9.33	14.182				
295.82	314.48	U-18	C2	5.00	18.66	9.33	46.650				
		U-19	C2	1.01	18.66	9.33	9.423				
		U-19	C1	4.65	18.66	9.33	43.385			113.640	
U-19	U-20	U-19	C2	1.01	18.73	9.36	9.454				
314.48	333.21	U-19	C1	4.65	18.73	9.36	43.524				
		U-20	C1	4.36	18.73	9.36	40.810				
		U-20	C2	0.18	18.73	9.36	1.685			95.473	
U-20	U-21	U-20	C1	4.36	13.55	6.78	29.561				
333.21	346.76	U-20	C2	0.18	13.55	6.78	1.220				
		U-21	C1	3.49	13.55	6.78	23.662			54.443	
U-21	U-22	U-21	C1	3.49	25.12	12.56	43.834				
346.76	371.88	U-22	C1	3.45	25.12	12.56	43.332			87.166	
U-22	U-23	U-22	C1	3.45	25.42	12.71	43.850				
371.88	397.30	U-23	C1	2.66	25.42	12.71	33.809			77.659	
Il Direttore dei Lavori							L'Impresa	TOTALE ARTICOLO	1991.283		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DEI VOLUMI										Foglio n.	44
GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
U-1	U-2	U-2	01	0.07	21.73	10.87	0.761		0.761		
U-2	U-3	U-2	01	0.07	17.37	8.69	0.608		0.608		
U-6	U-7	U-7	01	0.99	19.02	9.51	9.415				
78.30	97.32	U-7	02	1.43	19.02	9.51	13.599				
		U-7	03	1.81	19.02	9.51	17.213				
		U-7	04	0.44	19.02	9.51	4.184				
		U-7	05	0.44	19.02	9.51	4.184				
		U-7	06	0.15	19.02	9.51	1.426				
									50.021		
U-7	U-8	U-7	01	0.99	10.97	5.49	5.435				
97.32	108.29	U-7	02	1.43	10.97	5.49	7.851				
		U-7	03	1.81	10.97	5.49	9.937				
		U-7	04	0.44	10.97	5.49	2.416				
		U-7	05	0.44	10.97	5.49	2.416				
		U-7	06	0.15	10.97	5.49	0.824				
		U-8	01	1.97	10.97	5.49	10.815				
		U-8	02	1.71	10.97	5.49	9.388				
		U-8	03	1.26	10.97	5.49	6.917				
		U-8	04	0.40	10.97	5.49	2.196				
		U-8	05	1.57	10.97	5.49	8.619				
		U-8	06	0.61	10.97	5.49	3.349				
		U-8	07	0.91	10.97	5.49	4.996				
									75.159		
U-8	U-9	U-8	01	1.97	16.76	8.38	16.509				
108.29	125.05	U-8	02	1.71	16.76	8.38	14.330				
		U-8	03	1.26	16.76	8.38	10.559				
		U-8	04	0.40	16.76	8.38	3.352				
		U-8	05	1.57	16.76	8.38	13.157				
		U-8	06	0.61	16.76	8.38	5.112				
		U-8	07	0.91	16.76	8.38	7.626				
		U-9	01	1.17	16.76	8.38	9.805				
		U-9	02	0.87	16.76	8.38	7.291				
		U-9	03	1.76	16.76	8.38	14.749				
		U-9	04	0.80	16.76	8.38	6.704				
		U-9	05	0.52	16.76	8.38	4.358				
		U-9	06	0.04	16.76	8.38	0.335				
									113.887		
U-9	U-10	U-9	01	1.17	17.76	8.88	10.390				
125.05	142.81	U-9	02	0.87	17.76	8.88	7.726				
		U-9	03	1.76	17.76	8.88	15.629				
		U-9	04	0.80	17.76	8.88	7.104				
		U-9	05	0.52	17.76	8.88	4.618				
		U-9	06	0.04	17.76	8.88	0.355				
		U-10	01	4.09	17.76	8.88	36.319				
		U-10	02	0.03	17.76	8.88	0.266				
		U-10	03	1.44	17.76	8.88	12.787				
		U-10	04	1.27	17.76	8.88	11.278				
		U-10	05	0.61	17.76	8.88	5.417				
		U-10	06	2.37	17.76	8.88	21.046				
		U-10	07	0.36	17.76	8.88	3.197				
									136.132		
							A RIPORTARE mc		376.568		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DEI VOLUMI										Foglio n. 45	
GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
							A RIPORTARE mc		376.568		
U-10	U-11	U-10	01	4.09	7.78	3.89	15.910				
142.81	150.59	U-10	02	0.03	7.78	3.89	0.117				
		U-10	03	1.44	7.78	3.89	5.602				
		U-10	04	1.27	7.78	3.89	4.940				
		U-10	05	0.61	7.78	3.89	2.373				
		U-10	06	2.37	7.78	3.89	9.219				
		U-10	07	0.36	7.78	3.89	1.400				
		U-11	01	1.43	7.78	3.89	5.563				
		U-11	02	1.87	7.78	3.89	7.274				
		U-11	03	0.75	7.78	3.89	2.918				
										55.316	
U-11	U-12	U-11	01	1.43	21.02	10.51	15.029				
150.59	171.61	U-11	02	1.87	21.02	10.51	19.654				
		U-11	03	0.75	21.02	10.51	7.883				
		U-12	01	0.58	21.02	10.51	6.096				
		U-12	02	0.50	21.02	10.51	5.255				
		U-12	03	0.13	21.02	10.51	1.366				
		U-12	04	0.92	21.02	10.51	9.669				
		U-12	05	1.32	21.02	10.51	13.873				
		U-12	06	1.84	21.02	10.51	19.338				
										98.163	
U-12	U-13	U-12	01	0.58	6.07	3.03	1.757				
171.61	177.68	U-12	02	0.50	6.07	3.03	1.515				
		U-12	03	0.13	6.07	3.03	0.394				
		U-12	04	0.92	6.07	3.03	2.788				
		U-12	05	1.32	6.07	3.03	4.000				
		U-12	06	1.84	6.07	3.03	5.575				
		U-13	01	2.29	6.07	3.03	6.939				
		U-13	02	0.93	6.07	3.03	2.818				
		U-13	03	0.05	6.07	3.03	0.152				
		U-13	04	1.69	6.07	3.03	5.121				
		U-13	05	1.03	6.07	3.03	3.121				
		U-13	06	2.47	6.07	3.03	7.484				
										41.664	
U-13	U-14	U-13	01	2.29	17.15	8.58	19.648				
177.68	194.83	U-13	02	0.93	17.15	8.58	7.979				
		U-13	03	0.05	17.15	8.58	0.429				
		U-13	04	1.69	17.15	8.58	14.500				
		U-13	05	1.03	17.15	8.58	8.837				
		U-13	06	2.47	17.15	8.58	21.193				
		U-14	01	2.01	17.15	8.58	17.246				
		U-14	02	0.75	17.15	8.58	6.435				
		U-14	03	0.20	17.15	8.58	1.716				
		U-14	04	0.93	17.15	8.58	7.979				
		U-14	05	0.56	17.15	8.58	4.805				
		U-14	06	1.82	17.15	8.58	15.616				
										126.383	
U-14	U-15	U-14	01	2.01	25.11	12.55	25.226				
194.83	219.94	U-14	02	0.75	25.11	12.55	9.413				
		U-14	03	0.20	25.11	12.55	2.510				
		U-14	04	0.93	25.11	12.55	11.672				
							A RIPORTARE mc		48.821		
									698.094		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DEI VOLUMI										Foglio n. 46	
GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
							A RIPORTARE mc	48.821	698.094		
		U-14	05	0.56	25.11	12.55	7.028				
		U-14	06	1.82	25.11	12.55	22.841				
		U-15	01	4.44	25.11	12.55	55.722				
		U-15	02	2.49	25.11	12.55	31.250				
		U-15	03	0.58	25.11	12.55	7.279				
										172.941	
U-15	U-16	U-15	01	4.44	25.08	12.54	55.678				
219.94	245.02	U-15	02	2.49	25.08	12.54	31.225				
		U-15	03	0.58	25.08	12.54	7.273				
		U-16	01	1.74	25.08	12.54	21.820				
		U-16	02	2.97	25.08	12.54	37.244				
		U-16	03	3.74	25.08	12.54	46.900				
		U-16	04	3.90	25.08	12.54	48.906				
		U-16	05	4.06	25.08	12.54	50.912				
		U-16	06	0.09	25.08	12.54	1.129				
										301.087	
U-16	U-17	U-16	01	1.74	25.78	12.89	22.429				
245.02	270.80	U-16	02	2.97	25.78	12.89	38.283				
		U-16	03	3.74	25.78	12.89	48.209				
		U-16	04	3.90	25.78	12.89	50.271				
		U-16	05	4.06	25.78	12.89	52.333				
		U-16	06	0.09	25.78	12.89	1.160				
										212.685	
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO	1384.807		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n.	47
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
U-1	U-2	U-1	a1	8.45	21.73	10.87	91.85				
0.00	21.73	U-2	a1	14.85	21.73	10.87	161.42				
U-2	U-3	U-2	a1	14.85	17.37	8.69	129.05		253.27		
U-6	U-7	U-7	a2	1.30	19.02	9.51	12.36		129.05		
78.30	97.32	U-7	a1	20.00	19.02	9.51	190.20				
U-7	U-8	U-7	a2	1.30	10.97	5.49	7.14		202.56		
97.32	108.29	U-7	a1	20.00	10.97	5.49	109.80				
U-8	U-9	U-8	a2	1.30	10.97	5.49	7.14				
U-8	U-9	U-8	a1	20.79	10.97	5.49	114.14		238.22		
U-8	U-9	U-8	a2	1.30	16.76	8.38	10.89				
108.29	125.05	U-8	a1	20.79	16.76	8.38	174.22				
U-9	U-10	U-9	a2	1.30	16.76	8.38	10.89				
U-9	U-10	U-9	a1	21.59	16.76	8.38	180.92		376.92		
U-9	U-10	U-9	a1	1.30	17.76	8.88	11.54				
125.05	142.81	U-9	a1	21.59	17.76	8.88	191.72				
U-10	U-11	U-10	a1	21.85	17.76	8.88	194.03		397.29		
U-10	U-11	U-11	a1	21.85	7.78	3.89	85.00				
142.81	150.59	U-11	a1	22.65	7.78	3.89	88.11		173.11		
U-11	U-12	U-11	a1	22.65	21.02	10.51	238.05				
U-11	U-12	U-12	a1	23.57	21.02	10.51	247.72		485.77		
150.59	171.61	U-12	a1	23.57	6.07	3.03	71.42				
U-12	U-13	U-12	a1	21.96	6.07	3.03	66.54		137.96		
U-12	U-13	U-13	a1	21.96	17.15	8.58	188.42				
171.61	177.68	U-13	a1	21.55	17.15	8.58	184.90		373.32		
U-13	U-14	U-13	a1	21.55	25.11	12.55	270.45				
U-13	U-14	U-14	a1	21.55	25.11	12.55	54.59				
194.83	219.94	U-14	a1	4.35	25.11	12.55	212.22		570.27		
U-14	U-15	U-14	a2	16.91	25.11	12.55	33.01				
U-14	U-15	U-15	a3	2.63	25.11	12.55					
U-15	U-16	U-15	a2	4.35	25.08	12.54	54.55				
U-15	U-16	U-15	a1	16.91	25.08	12.54	212.05				
219.94	245.02	U-15	a3	2.63	25.08	12.54	32.98				
U-15	U-16	U-16	a1	5.90	25.08	12.54	73.99				
U-15	U-16	U-16	a2	20.55	25.08	12.54	257.70		631.27		
U-16	U-17	U-16	a1	5.90	25.78	12.89	76.05				
U-16	U-17	U-16	a2	20.55	25.78	12.89	264.89				
245.02	270.80	U-17	a1	6.10	25.78	12.89	78.63				
U-16	U-17	U-17	a2	17.88	25.78	12.89	230.47		650.04		
U-17	U-18	U-17	a1	6.10	25.02	12.51	76.31				
U-17	U-18	U-17	a2	17.88	25.02	12.51	223.68				
270.80	295.82	U-17	a2	17.88	25.02	12.51	223.68				
U-17	U-18	U-18	a1	5.09	25.02	12.51	63.68				
							A RIPORTARE mq	363.67	4619.05		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 48	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		363.67	4619.05	
		U-18	a2	16.51	25.02	12.51	206.54				
										570.21	
U-18	U-19	U-18	a1	5.09	18.66	9.33	47.49				
295.82	314.48	U-18	a2	16.51	18.66	9.33	154.04				
		U-19	a1	3.36	18.66	9.33	31.35				
		U-19	a2	15.36	18.66	9.33	143.31				
										376.19	
U-19	U-20	U-19	a1	3.36	18.73	9.36	31.45				
314.48	333.21	U-19	a2	15.36	18.73	9.36	143.77				
		U-20	a2	0.60	18.73	9.36	5.62				
		U-20	a1	14.46	18.73	9.36	135.35				
										316.19	
U-20	U-21	U-20	a2	0.60	13.55	6.78	4.07				
333.21	346.76	U-20	a1	14.46	13.55	6.78	98.04				
		U-21	a1	11.96	13.55	6.78	81.09				
										183.20	
U-21	U-22	U-21	a1	11.96	25.12	12.56	150.22				
346.76	371.88	U-22	a1	11.39	25.12	12.56	143.06				
										293.28	
U-22	U-23	U-22	a1	11.39	25.42	12.71	144.77				
371.88	397.30	U-23	a1	9.24	25.42	12.71	117.44				
										262.21	
Il Direttore dei Lavori		L'Impresa				TOTALE ARTICOLO		6620.33			

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n.	49	
SEMINA												
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq				
U-12	U-13	U-13	b1	1.00	6.07	3.03	3.03		3.03			
U-13	U-14	U-13	b1	1.00	17.15	8.58	8.58			3.03		
177.68	194.83	U-14	b1	2.97	17.15	8.58	25.48					
U-14	U-15	U-14	b1	2.97	25.11	12.55	37.27			34.06		
										37.27		
Il Direttore dei Lavori								L'Impresa		TOTALE ARTICOLO		74.36

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 50	
SCOTICO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
U-1	U-2	U-1	c1	4.12	21.73	10.87	44.78				
0.00	21.73	U-1	c2	6.92	21.73	10.87	75.22				
		U-1	c3	1.37	21.73	10.87	14.89				
		U-2	c1	14.97	21.73	10.87	162.72				
										297.61	
U-2	U-3	U-2	c1	14.97	17.37	8.69	130.09				
21.73	39.10	U-3	c1	12.44	17.37	8.69	108.10				
										238.19	
U-3	U-3b	U-3	c1	12.44	0.01	0.00	0.00				
U-5b	U-6	U-6	c1	12.26	0.01	0.00	0.00				
U-6	U-7	U-6	c1	12.26	19.02	9.51	116.59				
78.30	97.32	U-7	c1	7.32	19.02	9.51	69.61				
		U-7	c2	2.43	19.02	9.51	23.11				
										209.31	
U-7	U-8	U-7	c1	7.32	10.97	5.49	40.19				
97.32	108.29	U-7	c2	2.43	10.97	5.49	13.34				
		U-8	c1	8.55	10.97	5.49	46.94				
										100.47	
U-8	U-9	U-8	c1	8.55	16.76	8.38	71.65				
108.29	125.05	U-9	c1	12.95	16.76	8.38	108.52				
										180.17	
U-9	U-10	U-9	c1	12.95	17.76	8.88	115.00				
125.05	142.81	U-10	c1	3.59	17.76	8.88	31.88				
										146.88	
U-10	U-11	U-10	c1	3.59	7.78	3.89	13.97				
142.81	150.59	U-11	c1	14.15	7.78	3.89	55.04				
										69.01	
U-11	U-12	U-11	c1	14.15	21.02	10.51	148.72				
150.59	171.61	U-12	c1	6.92	21.02	10.51	72.73				
		U-12	c2	11.82	21.02	10.51	124.23				
										345.68	
U-12	U-13	U-12	c1	6.92	6.07	3.03	20.97				
171.61	177.68	U-12	c2	11.82	6.07	3.03	35.81				
		U-13	c1	14.25	6.07	3.03	43.18				
										99.96	
U-13	U-14	U-13	c1	14.25	17.15	8.58	122.27				
177.68	194.83	U-14	c1	6.39	17.15	8.58	54.83				
		U-14	c2	6.63	17.15	8.58	56.89				
		U-14	c3	5.83	17.15	8.58	50.02				
										284.01	
U-14	U-15	U-14	c1	6.39	25.11	12.55	80.19				
194.83	219.94	U-14	c2	6.63	25.11	12.55	83.21				
		U-14	c3	5.83	25.11	12.55	73.17				
		U-15	c1	7.17	25.11	12.55	89.98				
		U-15	c2	7.91	25.11	12.55	99.27				
										425.82	
U-15	U-16	U-15	c1	7.17	25.08	12.54	89.91				
219.94	245.02	U-15	c2	7.91	25.08	12.54	99.19				
										189.10	
U-16	U-17	U-17	c1	2.62	25.78	12.89	33.77				
245.02	270.80	U-17	c2	12.51	25.78	12.89	161.25				
		U-17	c3	14.47	25.78	12.89	186.52				
										381.54	
A RIPORTARE mq										2967.75	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 51	
SCOTICO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
										A RIPORTARE mq	
U-17	U-18	U-17	c1	2.62	25.02	12.51	32.78				
270.80	295.82	U-17	c2	12.51	25.02	12.51	156.50				
		U-17	c3	14.47	25.02	12.51	181.02				
		U-18	c1	27.01	25.02	12.51	337.90				
										708.20	
U-18	U-19	U-18	c1	27.01	18.66	9.33	252.00				
295.82	314.48	U-19	c1	23.72	18.66	9.33	221.31				
										473.31	
U-19	U-20	U-19	c1	23.72	18.73	9.36	222.02				
314.48	333.21	U-20	c1	17.81	18.73	9.36	166.70				
		U-20	c2	2.85	18.73	9.36	26.68				
										415.40	
U-20	U-21	U-20	c1	17.81	13.55	6.78	120.75				
333.21	346.76	U-20	c2	2.85	13.55	6.78	19.32				
		U-21	c1	3.08	13.55	6.78	20.88				
		U-21	c2	13.70	13.55	6.78	92.89				
										253.84	
U-21	U-22	U-21	c1	3.08	25.12	12.56	38.68				
346.76	371.88	U-21	c2	13.70	25.12	12.56	172.07				
		U-22	c1	11.45	25.12	12.56	143.81				
		U-22	c2	4.91	25.12	12.56	61.67				
										416.23	
U-22	U-23	U-22	c1	11.45	25.42	12.71	145.53				
371.88	397.30	U-22	c2	4.91	25.42	12.71	62.41				
		U-23	c1	10.69	25.42	12.71	135.87				
										343.81	
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	
										5578.54	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 52		
SCOTICO SU GRADONATURA												
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq				
U-1	U-2	U-2	e1	3.46	21.73	10.87	37.61					
								37.61				
U-2	U-3	U-2	e1	3.46	17.37	8.69	30.07					
								30.07				
U-6	U-7	U-7	e1	19.74	19.02	9.51	187.73					
								187.73				
U-7	U-8	U-7	e1	19.74	10.97	5.49	108.37					
97.32	108.29	U-8	e1	20.60	10.97	5.49	113.09					
								221.46				
U-8	U-9	U-8	e1	20.60	16.76	8.38	172.63					
108.29	125.05	U-9	e1	16.54	16.76	8.38	138.61					
								311.24				
U-9	U-10	U-9	e1	16.54	17.76	8.88	146.88					
125.05	142.81	U-10	e1	27.20	17.76	8.88	241.54					
								388.42				
U-10	U-11	U-10	e1	27.20	7.78	3.89	105.81					
142.81	150.59	U-11	e1	10.33	7.78	3.89	40.18					
								145.99				
U-11	U-12	U-11	e1	10.33	21.02	10.51	108.57					
150.59	171.61	U-12	e1	3.06	21.02	10.51	32.16					
		U-12	e2	11.82	21.02	10.51	124.23					
								264.96				
U-12	U-13	U-12	e1	3.06	6.07	3.03	9.27					
171.61	177.68	U-12	e2	11.82	6.07	3.03	35.81					
		U-13	e1	6.22	6.07	3.03	18.85					
		U-13	e2	11.48	6.07	3.03	34.78					
								98.71				
U-13	U-14	U-13	e1	6.22	17.15	8.58	53.37					
177.68	194.83	U-13	e2	11.48	17.15	8.58	98.50					
		U-14	e1	6.42	17.15	8.58	55.08					
		U-14	e2	8.85	17.15	8.58	75.93					
								282.88				
U-14	U-15	U-14	e1	6.42	25.11	12.55	80.57					
194.83	219.94	U-14	e2	8.85	25.11	12.55	111.07					
		U-15	e1	14.01	25.11	12.55	175.83					
								367.47				
U-15	U-16	U-15	e1	14.01	25.08	12.54	175.69					
219.94	245.02	U-16	e1	35.25	25.08	12.54	442.03					
								617.72				
U-16	U-17	U-16	e1	35.25	25.78	12.89	454.37					
								454.37				
Il Direttore dei Lavori										L'Impresa		
											TOTALE ARTICOLO	3408.63

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI											Foglio n.	53
BONIFICA RILEVATO												
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq				
U-1	U-2	U-1	f1	4.12	21.73	10.87	44.78					
0.00	21.73	U-1	f2	6.92	21.73	10.87	75.22					
		U-1	f3	1.37	21.73	10.87	14.89					
		U-2	f1	14.97	21.73	10.87	162.72					
											297.61	
U-2	U-3	U-2	f1	14.97	17.37	8.69	130.09					
21.73	39.10	U-3	f1	12.44	17.37	8.69	108.10					
											238.19	
U-3	U-3b	U-3	f1	12.44	0.01	0.00	0.00					
U-5b	U-6	U-6	f1	12.26	0.01	0.00	0.00					
U-6	U-7	U-6	f1	12.26	19.02	9.51	116.59					
78.30	97.32	U-7	f1	7.32	19.02	9.51	69.61					
		U-7	f2	2.43	19.02	9.51	23.11					
											209.31	
U-7	U-8	U-7	f1	7.32	10.97	5.49	40.19					
97.32	108.29	U-7	f2	2.43	10.97	5.49	13.34					
		U-8	f1	8.55	10.97	5.49	46.94					
											100.47	
U-8	U-9	U-8	f1	8.55	16.76	8.38	71.65					
108.29	125.05	U-9	f1	12.95	16.76	8.38	108.52					
											180.17	
U-9	U-10	U-9	f1	12.95	17.76	8.88	115.00					
125.05	142.81	U-10	f1	3.59	17.76	8.88	31.88					
											146.88	
U-10	U-11	U-10	f1	3.59	7.78	3.89	13.97					
142.81	150.59	U-11	f1	14.15	7.78	3.89	55.04					
											69.01	
U-11	U-12	U-11	f1	14.15	21.02	10.51	148.72					
150.59	171.61	U-12	f1	6.92	21.02	10.51	72.73					
		U-12	f2	11.82	21.02	10.51	124.23					
											345.68	
U-12	U-13	U-12	f1	6.92	6.07	3.03	20.97					
171.61	177.68	U-12	f2	11.82	6.07	3.03	35.81					
		U-13	f1	14.25	6.07	3.03	43.18					
											99.96	
U-13	U-14	U-13	f1	14.25	17.15	8.58	122.27					
177.68	194.83	U-14	f1	6.39	17.15	8.58	54.83					
		U-14	f2	6.63	17.15	8.58	56.89					
		U-14	f3	5.83	17.15	8.58	50.02					
											284.01	
U-14	U-15	U-14	f1	6.39	25.11	12.55	80.19					
194.83	219.94	U-14	f2	6.63	25.11	12.55	83.21					
		U-14	f3	5.83	25.11	12.55	73.17					
		U-15	f1	7.17	25.11	12.55	89.98					
		U-15	f2	7.91	25.11	12.55	99.27					
											425.82	
U-15	U-16	U-15	f1	7.17	25.08	12.54	89.91					
219.94	245.02	U-15	f2	7.91	25.08	12.54	99.19					
											189.10	
U-16	U-17	U-17	f1	2.62	25.78	12.89	33.77					
245.02	270.80	U-17	f2	12.51	25.78	12.89	161.25					
		U-17	f3	14.47	25.78	12.89	186.52					
											381.54	
								A RIPORTARE mq			2967.75	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 54	
BONIFICA RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
A RIPORTARE mq										2967.75	
U-17	U-18	U-17	f1	2.62	25.02	12.51	32.78				
270.80	295.82	U-17	f2	12.51	25.02	12.51	156.50				
		U-17	f3	14.47	25.02	12.51	181.02				
		U-18	f1	27.01	25.02	12.51	337.90				
										708.20	
U-18	U-19	U-18	f1	27.01	18.66	9.33	252.00				
295.82	314.48	U-19	f1	23.72	18.66	9.33	221.31				
										473.31	
U-19	U-20	U-19	f1	23.72	18.73	9.36	222.02				
314.48	333.21	U-20	f1	17.81	18.73	9.36	166.70				
		U-20	f2	2.85	18.73	9.36	26.68				
										415.40	
U-20	U-21	U-20	f1	17.81	13.55	6.78	120.75				
333.21	346.76	U-20	f2	2.85	13.55	6.78	19.32				
		U-21	f1	3.08	13.55	6.78	20.88				
		U-21	f2	13.70	13.55	6.78	92.89				
										253.84	
U-21	U-22	U-21	f1	3.08	25.12	12.56	38.68				
346.76	371.88	U-21	f2	13.70	25.12	12.56	172.07				
		U-22	f1	11.45	25.12	12.56	143.81				
		U-22	f2	4.91	25.12	12.56	61.67				
										416.23	
U-22	U-23	U-22	f1	11.45	25.42	12.71	145.53				
371.88	397.30	U-22	f2	4.91	25.42	12.71	62.41				
		U-23	f1	10.69	25.42	12.71	135.87				
										343.81	
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	
										5578.54	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPА U

COMPUTO DI SUPERFICI											Foglio n.	55	
USURA													
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq					
U-1	U-2	U-1	g1	4.60	21.73	10.87	50.00						
0.00	21.73	U-2	g1	5.24	21.73	10.87	56.96						
U-2	U-3	U-2	g1	5.24	17.37	8.69	45.54					106.96	
21.73	39.10	U-3	g1	5.53	17.37	8.69	48.06					93.60	
U-3	U-3b	U-3	g1	5.53	0.01	0.00	0.00						
U-5b	U-6	U-6	g1	8.77	0.01	0.00	0.00						
U-6	U-7	U-6	g1	8.77	19.02	9.51	83.40						
78.30	97.32	U-7	g1	7.86	19.02	9.51	74.75						
U-7	U-8	U-7	g1	7.86	10.97	5.49	43.15					158.15	
97.32	108.29	U-8	g1	7.66	10.97	5.49	42.05						
U-8	U-9	U-8	g1	7.66	16.76	8.38	64.19					85.20	
108.29	125.05	U-9	g1	7.67	16.76	8.38	64.27						
U-9	U-10	U-9	g1	7.67	17.76	8.88	68.11					128.46	
125.05	142.81	U-10	g1	8.17	17.76	8.88	72.55						
U-10	U-11	U-10	g1	8.17	7.78	3.89	31.78					140.66	
142.81	150.59	U-11	g1	6.16	7.78	3.89	23.96						
U-11	U-12	U-11	g1	6.16	21.02	10.51	64.74					55.74	
150.59	171.61	U-12	g1	10.11	21.02	10.51	106.26						
U-12	U-13	U-12	g1	10.11	6.07	3.03	30.63					171.00	
171.61	177.68	U-13	g1	10.10	6.07	3.03	30.60						
U-13	U-14	U-13	g1	10.10	17.15	8.58	86.66					61.23	
177.68	194.83	U-14	g1	10.10	17.15	8.58	86.66						
U-14	U-15	U-14	g1	10.10	25.11	12.55	126.76					173.32	
194.83	219.94	U-15	g1	10.20	25.11	12.55	128.01						
U-15	U-16	U-15	g1	10.20	25.08	12.54	127.91					254.77	
219.94	245.02	U-16	g1	10.21	25.08	12.54	128.03						
U-16	U-17	U-16	g1	10.21	25.78	12.89	131.61					255.94	
245.02	270.80	U-17	g1	7.78	25.78	12.89	100.28						
U-17	U-18	U-17	g1	7.78	25.02	12.51	97.33					231.89	
270.80	295.82	U-18	g1	6.48	25.02	12.51	81.06						
U-18	U-19	U-18	g1	6.48	18.66	9.33	60.46					178.39	
295.82	314.48	U-19	g1	6.45	18.66	9.33	60.18						
U-19	U-20	U-19	g1	6.45	18.73	9.36	60.37					120.64	
314.48	333.21	U-20	g1	6.52	18.73	9.36	61.03						
U-20	U-21	U-20	g1	6.52	13.55	6.78	44.21					121.40	
333.21	346.76	U-21	g1	6.85	13.55	6.78	46.44						
											90.65		
A RIPORTARE mq												2428.00	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 56	
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
A RIPORTARE mq										2428.00	
U-21	U-22	U-21	g1	6.85	25.12	12.56	86.04				
346.76	371.88	U-22	g1	6.07	25.12	12.56	76.24				
										162.28	
U-22	U-23	U-22	g1	6.07	25.42	12.71	77.15				
371.88	397.30	U-23	g1	2.60	25.42	12.71	33.05				
										110.20	
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	
										2700.48	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 57	
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			
U-1	U-2	U-1	h1	4.70	21.73	10.87	51.09				
0.00	21.73	U-2	h1	5.34	21.73	10.87	58.05				
U-2	U-3	U-2	h1	5.34	17.37	8.69	46.40			109.14	
21.73	39.10	U-3	h1	5.58	17.37	8.69	48.49			94.89	
U-3	U-3b	U-3	h1	5.58	0.01	0.00	0.00				
U-5b	U-6	U-6	h1	8.77	0.01	0.00	0.00				
U-6	U-7	U-6	h1	8.77	19.02	9.51	83.40				
78.30	97.32	U-7	h1	8.06	19.02	9.51	76.65				
U-7	U-8	U-7	h1	8.06	10.97	5.49	44.25			160.05	
97.32	108.29	U-8	h1	7.86	10.97	5.49	43.15				
U-8	U-9	U-8	h1	7.86	16.76	8.38	65.87			87.40	
108.29	125.05	U-9	h1	7.87	16.76	8.38	65.95				
U-9	U-10	U-9	h1	7.87	17.76	8.88	69.89			131.82	
125.05	142.81	U-10	h1	8.27	17.76	8.88	73.44				
U-10	U-11	U-10	h1	8.27	7.78	3.89	32.17			143.33	
142.81	150.59	U-11	h1	6.26	7.78	3.89	24.35				
U-11	U-12	U-11	h1	6.26	21.02	10.51	65.79			56.52	
150.59	171.61	U-12	h1	10.21	21.02	10.51	107.31				
U-12	U-13	U-12	h1	10.21	6.07	3.03	30.94			173.10	
171.61	177.68	U-13	h1	10.20	6.07	3.03	30.91				
U-13	U-14	U-13	h1	10.20	17.15	8.58	87.52			61.85	
177.68	194.83	U-14	h1	10.20	17.15	8.58	87.52				
U-14	U-15	U-14	h1	10.20	25.11	12.55	128.01			175.04	
194.83	219.94	U-15	h1	10.40	25.11	12.55	130.52				
U-15	U-16	U-15	h1	10.40	25.08	12.54	130.42			258.53	
219.94	245.02	U-16	h1	10.41	25.08	12.54	130.54				
U-16	U-17	U-16	h1	10.41	25.78	12.89	134.18			260.96	
245.02	270.80	U-17	h1	7.98	25.78	12.89	102.86				
U-17	U-18	U-17	h1	7.98	25.02	12.51	99.83			237.04	
270.80	295.82	U-18	h1	6.68	25.02	12.51	83.57				
U-18	U-19	U-18	h1	6.68	18.66	9.33	62.32			183.40	
295.82	314.48	U-19	h1	6.65	18.66	9.33	62.04				
U-19	U-20	U-19	h1	6.65	18.73	9.36	62.24			124.36	
314.48	333.21	U-20	h1	6.72	18.73	9.36	62.90				
U-20	U-21	U-20	h1	6.72	13.55	6.78	45.56			125.14	
333.21	346.76	U-21	h1	6.85	13.55	6.78	46.44				
		U-21	h2	0.10	13.55	6.78	0.68				
A RIPORTARE mq							92.68			2475.25	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 58		
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				
							A RIPORTARE mq		92.68	2475.25		
U-21	U-22	U-21	h1	6.85	25.12	12.56	86.04		92.68			
346.76	371.88	U-21	h2	0.10	25.12	12.56	1.26					
		U-22	h1	6.27	25.12	12.56	78.75					
									166.05			
U-22	U-23	U-22	h1	6.27	25.42	12.71	79.69					
371.88	397.30	U-23	h1	2.70	25.42	12.71	34.32					
									114.01			
Il Direttore dei Lavori										L'Impresa		
							TOTALE ARTICOLO		2755.31			

TABULATI MOVIMENTI MATERIA
Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 59	
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			
U-1	U-2	U-1	i1	4.96	21.73	10.87	53.92				
0.00	21.73	U-2	i1	5.60	21.73	10.87	60.87				
										114.79	
U-2	U-3	U-2	i1	5.60	17.37	8.69	48.66				
21.73	39.10	U-3	i1	5.80	17.37	8.69	50.40				
										99.06	
U-3	U-3b	U-3	i1	5.80	0.01	0.00	0.00				
U-5b	U-6	U-6	i1	8.77	0.01	0.00	0.00				
U-6	U-7	U-6	i1	8.77	19.02	9.51	83.40				
78.30	97.32	U-7	i1	8.56	19.02	9.51	81.41				
										164.81	
U-7	U-8	U-7	i1	8.56	10.97	5.49	46.99				
97.32	108.29	U-8	i1	8.36	10.97	5.49	45.90				
										92.89	
U-8	U-9	U-8	i1	8.36	16.76	8.38	70.06				
108.29	125.05	U-9	i1	8.37	16.76	8.38	70.14				
										140.20	
U-9	U-10	U-9	i1	8.37	17.76	8.88	74.33				
125.05	142.81	U-10	i1	8.54	17.76	8.88	75.84				
										150.17	
U-10	U-11	U-10	i1	8.54	7.78	3.89	33.22				
142.81	150.59	U-11	i1	6.52	7.78	3.89	25.36				
										58.58	
U-11	U-12	U-11	i1	6.52	21.02	10.51	68.53				
150.59	171.61	U-12	i1	10.47	21.02	10.51	110.04				
										178.57	
U-12	U-13	U-12	i1	10.47	6.07	3.03	31.72				
171.61	177.68	U-13	i1	10.46	6.07	3.03	31.69				
										63.41	
U-13	U-14	U-13	i1	10.46	17.15	8.58	89.75				
177.68	194.83	U-14	i1	10.46	17.15	8.58	89.75				
										179.50	
U-14	U-15	U-14	i1	10.46	25.11	12.55	131.27				
194.83	219.94	U-15	i1	10.90	25.11	12.55	136.80				
										268.07	
U-15	U-16	U-15	i1	10.90	25.08	12.54	136.69				
219.94	245.02	U-16	i1	10.91	25.08	12.54	136.81				
										273.50	
U-16	U-17	U-16	i1	10.91	25.78	12.89	140.63				
245.02	270.80	U-17	i1	8.49	25.78	12.89	109.44				
										250.07	
U-17	U-18	U-17	i1	8.49	25.02	12.51	106.21				
270.80	295.82	U-18	i1	7.18	25.02	12.51	89.82				
										196.03	
U-18	U-19	U-18	i1	7.18	18.66	9.33	66.99				
295.82	314.48	U-19	i1	7.15	18.66	9.33	66.71				
										133.70	
U-19	U-20	U-19	i1	7.15	18.73	9.36	66.92				
314.48	333.21	U-20	i1	6.98	18.73	9.36	65.33				
										132.25	
U-20	U-21	U-20	i1	6.98	13.55	6.78	47.32				
333.21	346.76	U-21	i1	6.85	13.55	6.78	46.44				
		U-21	i2	0.36	13.55	6.78	2.44				
							A RIPORTARE mq	96.20	2591.80		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 60		
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				
							A RIPORTARE mq		96.20	2591.80		
U-21	U-22	U-21	i1	6.85	25.12	12.56	86.04		96.20			
346.76	371.88	U-21	i2	0.36	25.12	12.56	4.52					
		U-22	i1	6.53	25.12	12.56	82.02					
									172.58			
U-22	U-23	U-22	i1	6.53	25.42	12.71	83.00					
371.88	397.30	U-23	i1	2.95	25.42	12.71	37.49					
									120.49			
Il Direttore dei Lavori										L'Impresa		
										TOTALE ARTICOLO		2884.87

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 61	
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
U-1	U-2	U-1	ml	5.42	21.73	10.87	58.92				
0.00	21.73	U-2	ml	6.08	21.73	10.87	66.09				
U-2	U-3	U-2	ml	6.08	17.37	8.69	52.84		125.01		
21.73	39.10	U-3	ml	6.28	17.37	8.69	54.57			107.41	
U-3	U-3b	U-3	ml	6.28	0.01	0.00	0.00				
U-5b	U-6	U-6	ml	8.77	0.01	0.00	0.00				
U-6	U-7	U-6	ml	8.77	19.02	9.51	83.40				
78.30	97.32	U-7	ml	9.46	19.02	9.51	89.96				
U-7	U-8	U-7	ml	9.46	10.97	5.49	51.94		173.36		
97.32	108.29	U-8	ml	9.26	10.97	5.49	50.84				
U-8	U-9	U-8	ml	9.26	16.76	8.38	77.60		102.78		
108.29	125.05	U-9	ml	9.27	16.76	8.38	77.68				
U-9	U-10	U-9	ml	9.27	17.76	8.88	82.32		155.28		
125.05	142.81	U-10	ml	9.02	17.76	8.88	80.10			162.42	
U-10	U-11	U-10	ml	9.02	7.78	3.89	35.09				
142.81	150.59	U-11	ml	7.00	7.78	3.89	27.23		62.32		
U-11	U-12	U-11	ml	7.00	21.02	10.51	73.57				
150.59	171.61	U-12	ml	10.93	21.02	10.51	114.87			188.44	
U-12	U-13	U-12	ml	10.93	6.07	3.03	33.12				
171.61	177.68	U-13	ml	10.92	6.07	3.03	33.09				
U-13	U-14	U-13	ml	10.92	17.15	8.58	93.69		66.21		
177.68	194.83	U-14	ml	10.92	17.15	8.58	93.69			187.38	
U-14	U-15	U-14	ml	10.92	25.11	12.55	137.05				
194.83	219.94	U-15	ml	11.80	25.11	12.55	148.09			285.14	
U-15	U-16	U-15	ml	11.80	25.08	12.54	147.97				
219.94	245.02	U-16	ml	11.81	25.08	12.54	148.10			296.07	
U-16	U-17	U-16	ml	11.81	25.78	12.89	152.23				
245.02	270.80	U-17	ml	9.39	25.78	12.89	121.04			273.27	
U-17	U-18	U-17	ml	9.39	25.02	12.51	117.47				
270.80	295.82	U-18	ml	8.09	25.02	12.51	101.21			218.68	
U-18	U-19	U-18	ml	8.09	18.66	9.33	75.48				
295.82	314.48	U-19	ml	8.05	18.66	9.33	75.11			150.59	
U-19	U-20	U-19	ml	8.05	18.73	9.36	75.35				
314.48	333.21	U-20	ml	7.45	18.73	9.36	69.73			145.08	
U-20	U-21	U-20	ml	7.45	13.55	6.78	50.51				
333.21	346.76	U-21	ml	6.85	13.55	6.78	46.44				
		U-21	m2	0.84	13.55	6.78	5.70				
A RIPORTARE mq							102.65		2802.09		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DI SUPERFICI										Foglio n. 62	
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		102.65	2802.09	
U-21	U-22	U-21	m1	6.85	25.12	12.56	86.04		102.65		
346.76	371.88	U-21	m2	0.84	25.12	12.56	10.55				
		U-22	m1	7.00	25.12	12.56	87.92				
									184.51		
U-22	U-23	U-22	m1	7.00	25.42	12.71	88.97				
371.88	397.30	U-23	m1	3.41	25.42	12.71	43.34				
									132.31		
Il Direttore dei Lavori										L'Impresa	
								TOTALE ARTICOLO		3118.91	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DEI VOLUMI Foglio n. 63

Volume dalla sezione U-1 alla sezione U-23

ARTICOLO	VOLUME
RIPORTO	mc 34025.552
VEGETALE IN RILEVATO	mc 1991.283
GRADONATURA	mc 1384.807
SEMINA	mq 6620.33
SEMINA	mq 74.36
SCOTICO	mq 5578.54
SCOTICO SU GRADONATURA	mq 3408.63
BONIFICA RILEVATO	mq 5578.54
USURA	mq 2700.48
BINDER	mq 2755.31
BASE	mq 2884.87
FONDAZIONE	mq 3118.91

Nota : I valori di sterro e riporto calcolati si riferiscono ad un pacchetto di pavimentazione da 70 cm. Di seguito si riporta la tabella con il calcolo dei movimenti materia riferiti al pacchetto di pavimentazione di spessore 57 cm.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
		TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0

Modifica valori movimenti materia

Di seguito si riporta il calcolo per la determinazione dei valori di sterro e riporto riferiti al pacchetto di pavimentazione da 57 cm.

RIF.	ARTICOLO	SUPERFICIE (m ²)	Δh Pavimentazione (m)	VOLUME (m ³)	NOTE
A	STERRO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	0,000	
B	RIPORTO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	34025,552	
C	SUPERFICIE DI IMPOSTA CASSONETTO (Da computo computo sezioni trasversali)	3118,91	-	-	(1)
D	SUPERFICIE DI IMPOSTA CASSONETTO IN TRINCEA (Da computo computo sezioni trasversali)	0	-	-	(2)
E	SUPERFICIE DI IMPOSTA CASSONETTO IN RILEVATO	3118,91	-	-	(3)
F	VARIAZIONE STERRO (Per pavimentazione spessore = 57 cm)	0	0,13	0,00	(4)
G	VARIAZIONE RIPORTO (Per pavimentazione spessore = 57 cm)	3118,91	0,13	405,46	(5)
H	STERRO (Pavimentazione spessore = 57 cm)	-	-	0,000	(6)
I	RIPORTO (Pavimentazione spessore = 57 cm)	-	-	34431,010	(7)

Nota 1 : Il valore (C) è coincidente con la superficie dell'articolo di computo "Fondazione" (vedi tabella riassuntiva pagina precedente)

Nota 2 : Il valore (D) è coincidente con la superficie dell'articolo di computo "Bonifica trincea" (vedi tabella riassuntiva pagina precedente)

Nota 3 : Il valore (E) è determinato dalla differenza fra la superfici C - D

Nota 4 : Il valore (F) è il volume calcolato dal prodotto tra la superficie "D" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 5 : Il valore (G) è il volume calcolato dal prodotto tra la superficie "E" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 6 : Il valore (H) è il volume totale di sterro calcolato come A-H

Nota 7 : Il valore (I) è il volume totale di riporto calcolato come B+G

TABELLA RIEPILOGATIVA COMPUTI

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev


F0

Data



20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA U

COMPUTO DEI VOLUMI		Foglio n.	63
Volume dalla sezione U-1 alla sezione U-23			
ARTICOLO	VOLUME		
RIPORTO	mc	34431,010	
VEGETALE IN RILEVATO	mc	1991,283	
GRADONATURA	mc	1384,807	
SEMINA	mq	6620,33	
SEMINA	mq	74,36	
SCOTICO	mq	5578,54	
SCOTICO SU GRADONATURA	mq	3408,63	
BONIFICA RILEVATO	mq	5578,54	
USURA	mq	2700,48	
BINDER	mq	2755,31	
BASE	mq	2884,87	
FONDAZIONE	mq	3118,91	

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

MOVIMENTI MATERIA ASSE V

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE AREE		Foglio n. 1	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
V-1	R1	(1.06-0.00)x(80.32+80.25)/2	85.10		
0.00		(2.52-1.06)x(81.00+80.32)/2	117.76		
		(4.29-2.52)x(82.00+81.00)/2	144.26		
		(4.52-4.29)x(82.32+82.00)/2	18.90		
		(6.77-4.52)x(82.54+82.32)/2	185.47		
		(5.77-6.77)x(85.46+85.46)/2	-85.46		
		(4.75-5.77)x(85.01+85.01)/2	-86.71		
		(0.00-4.75)x(84.59+84.71)/2	-402.09		
				22.77	
V-2	R1	(3.80-0.00)x(79.89+79.69)/2	303.20		
7.89		(4.35-3.80)x(80.00+79.89)/2	43.97		
		(5.90-4.35)x(81.00+80.00)/2	124.78		
		(6.78-5.90)x(81.45+81.00)/2	71.48		
		(5.78-6.78)x(85.12+85.12)/2	-85.12		
		(4.75-5.78)x(84.67+84.67)/2	-87.21		
		(0.00-4.75)x(84.21+84.37)/2	-400.38		
				29.28	
V-3	R1	(1.81-0.58)x(78.00+77.27)/2	185.55		
27.25		(5.09-1.81)x(78.73+78.00)/2	257.04		
		(6.77-5.09)x(79.74+78.73)/2	133.11		
		(5.77-6.77)x(84.38+84.38)/2	-84.38		
		(4.75-5.77)x(83.93+83.93)/2	-85.61		
		(-0.58-4.75)x(83.32+83.63)/2	-444.92		
				39.21	
V-4	R1	(5.19-2.20)x(80.00+79.26)/2	588.47		
38.04		(6.26-5.19)x(81.00+80.00)/2	86.13		
		(6.78-6.26)x(81.37+81.00)/2	42.22		
		(5.78-6.78)x(84.16+84.16)/2	-84.16		
		(4.75-5.78)x(83.71+83.71)/2	-86.22		
		(-2.20-4.75)x(82.94+83.41)/2	-578.07		
				31.63	
V-5	R1	(-2.26-4.20)x(82.86+83.02)/2	-535.79		
58.32		(-3.15-2.26)x(82.84+82.86)/2	-73.74		
		(-2.65-3.15)x(83.36+82.84)/2	41.55		
		(-4.46-2.65)x(83.36+83.36)/2	-150.88		
		(-11.77-4.46)x(79.18+83.36)/2	-594.08		
		(-5.44-11.77)x(79.54+79.18)/2	502.35		
		(-5.42-5.44)x(79.93+79.54)/2	1.59		
		(-4.87-5.42)x(80.00+79.93)/2	43.98		
		(4.20-4.87)x(80.83+80.00)/2	729.36		
				35.66	
V-5	R2	(6.05-4.20)x(81.00+80.83)/2	149.69		
58.32		(6.17-6.05)x(82.00+81.00)/2	9.78		
		(6.87-6.17)x(82.30+82.00)/2	57.51		
		(5.87-6.87)x(83.79+83.79)/2	-83.79		
		(4.84-5.87)x(83.34+83.34)/2	-85.84		
		(4.20-4.84)x(83.02+83.04)/2	-53.14		
				5.79	
V-6	R1	(-30.53-32.12)x(76.46+76.42)/2	121.54		
83.48		(-29.76-30.53)x(77.00+76.46)/2	59.08		
		(-29.00-29.76)x(78.00+77.00)/2	58.90		
		(-28.58-29.00)x(78.39+78.00)/2	32.84		
		(-17.51-28.58)x(78.33+78.39)/2	867.45		
		A RIPORTARE mq	1139.81		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE AREE		Foglio n. 2	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq	1139.81	
		$(-16.70-17.51) \times (79.00+78.33) / 2$	63.72		
		$(-15.47-16.70) \times (80.00+79.00) / 2$	97.78		
		$(-14.96-15.47) \times (80.27+80.00) / 2$	40.87		
		$(-9.09-14.96) \times (81.00+80.27) / 2$	473.33		
		$(2.20-9.09) \times (81.46+81.00) / 2$	917.09		
		$(3.17-2.20) \times (82.00+81.46) / 2$	79.28		
		$(4.20-3.17) \times (82.96+82.00) / 2$	84.95		
		$(-28.38-4.20) \times (82.15+82.96) / 2$	-2689.64		
		$(-29.26-28.38) \times (82.13+82.15) / 2$	-72.28		
		$(-28.77-29.26) \times (82.64+82.13) / 2$	40.37		
		$(-29.79-28.77) \times (82.64+82.64) / 2$	-84.29		
		$(-32.03-29.79) \times (81.36+82.64) / 2$	-183.68		
		$(-32.12-32.03) \times (81.36+81.36) / 2$	-7.32		
V-6	S1	$(4.24-4.20) \times (83.00+82.96) / 2$	3.32	100.01	
83.48		$(5.31-4.24) \times (83.67+83.00) / 2$	89.17		
		$(6.28-5.31) \times (84.01+83.67) / 2$	81.32		
		$(7.86-6.28) \times (84.05+84.01) / 2$	132.77		
		$(6.77-7.86) \times (83.43+84.05) / 2$	-91.28		
		$(6.02-6.77) \times (83.43+83.43) / 2$	-62.57		
		$(4.99-6.02) \times (83.28+83.28) / 2$	-85.78		
		$(4.20-4.99) \times (82.96+82.98) / 2$	-65.55		
V-7	R1	$(-21.50-4.20) \times (82.17+82.81) / 2$	-2119.99	1.40	
108.61		$(-22.42-21.50) \times (82.15+82.17) / 2$	-75.59		
		$(-21.90-22.42) \times (82.67+82.15) / 2$	42.85		
		$(-22.92-21.90) \times (82.67+82.67) / 2$	-84.32		
		$(-25.28-22.92) \times (81.31+82.67) / 2$	-193.50		
		$(-25.36-25.28) \times (81.31+81.31) / 2$	-6.50		
		$(-19.90-25.36) \times (77.42+76.85) / 2$	421.16		
		$(-19.85-19.90) \times (75.82+77.42) / 2$	3.83		
		$(-19.04-19.85) \times (76.01+75.82) / 2$	61.49		
		$(-18.67-19.04) \times (75.69+76.01) / 2$	28.06		
		$(-15.39-18.67) \times (76.01+75.69) / 2$	248.79		
		$(-14.16-15.39) \times (76.22+76.01) / 2$	93.62		
		$(-11.79-14.16) \times (77.00+76.22) / 2$	181.57		
		$(-10.04-11.79) \times (78.00+77.00) / 2$	135.63		
		$(-8.66-10.04) \times (78.32+78.00) / 2$	107.86		
		$(-8.44-8.66) \times (79.00+78.32) / 2$	17.31		
		$(-6.11-8.44) \times (80.00+79.00) / 2$	185.23		
		$(-5.25-6.11) \times (80.39+80.00) / 2$	68.97		
		$(-1.55-5.25) \times (81.00+80.39) / 2$	298.57		
		$(-1.54-1.55) \times (81.03+81.00) / 2$	0.81		
		$(-0.64-1.54) \times (81.91+81.03) / 2$	73.32		
		$(0.14-0.64) \times (82.00+81.91) / 2$	63.92		
		$(4.20-0.14) \times (82.39+82.00) / 2$	333.71	113.20	
V-7	R2	$(7.34-4.20) \times (82.69+82.39) / 2$	259.18		
108.61		$(6.02-7.34) \times (83.28+83.28) / 2$	-109.93		
		$(5.00-6.02) \times (83.13+83.13) / 2$	-84.79		
		$(4.20-5.00) \times (82.81+82.83) / 2$	-66.26		
			A RIPORTARE mq	1.80	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE AREE		Foglio n. 3	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			1.80		
V-8	R1	(-16.24—25.29)x(78.91+78.05)/2	710.24	1.80	
133.73		(-16.01—16.24)x(79.00+78.91)/2	18.16		
		(-15.29—16.01)x(79.56+79.00)/2	57.08		
		(-8.47—15.29)x(80.00+79.56)/2	544.10		
		(6.23—8.47)x(81.00+80.00)/2	1183.35		
		(6.86—6.23)x(80.90+81.00)/2	51.00		
		(7.35—6.86)x(81.35+80.90)/2	39.75		
		(6.02—7.35)x(83.13+83.13)/2	-110.56		
		(5.00—6.02)x(82.98+82.98)/2	-84.64		
		(-21.50—5.00)x(82.02+82.68)/2	-2182.27		
		(-22.42—21.50)x(82.00+82.02)/2	-75.45		
		(-21.90—22.42)x(82.51+82.00)/2	42.77		
		(-22.92—21.90)x(82.51+82.51)/2	-84.16		
		(-25.22—22.92)x(81.20+82.51)/2	-188.27		
		(-25.29—25.22)x(81.20+81.20)/2	-5.68		
V-9	R1	(-24.24—25.19)x(75.74+75.68)/2	71.92	84.58	
158.83		(-23.81—24.24)x(76.01+75.74)/2	32.63		
		(-23.33—23.81)x(76.39+76.01)/2	36.58		
		(-16.14—23.33)x(77.00+76.39)/2	551.44		
		(-15.73—16.14)x(77.00+77.00)/2	31.57		
		(-14.90—15.73)x(78.00+77.00)/2	64.33		
		(-14.68—14.90)x(78.11+78.00)/2	17.17		
		(-1.77—14.68)x(79.00+78.11)/2	1014.15		
		(-1.70—1.77)x(79.03+79.00)/2	5.53		
		(-0.86—1.70)x(80.04+79.03)/2	66.81		
		(0.70—0.86)x(80.00+80.04)/2	124.83		
		(3.10—0.70)x(80.29+80.00)/2	192.35		
		(3.16—3.10)x(80.30+80.29)/2	4.82		
		(3.46—3.16)x(81.00+80.30)/2	24.19		
		(3.69—3.46)x(82.00+81.00)/2	18.74		
		(3.85—3.69)x(82.00+82.00)/2	13.12		
		(7.36—3.85)x(82.00+82.00)/2	287.82		
		(6.02—7.36)x(82.98+82.98)/2	-111.19		
		(5.00—6.02)x(82.83+82.83)/2	-84.49		
		(-21.50—5.00)x(81.87+82.53)/2	-2178.30		
		(-22.42—21.50)x(81.85+81.87)/2	-75.31		
		(-21.90—22.42)x(82.36+81.85)/2	42.69		
		(-22.92—21.90)x(82.36+82.36)/2	-84.01		
		(-25.11—22.92)x(81.11+82.36)/2	-179.00		
		(-25.19—25.11)x(81.11+81.11)/2	-6.49		
V-10	R1	(-22.86—25.05)x(76.01+75.68)/2	166.10	118.10	
183.96		(-21.97—22.86)x(76.35+76.01)/2	67.80		
		(-13.80—21.97)x(77.00+76.35)/2	626.43		
		(-13.07—13.80)x(77.30+77.00)/2	56.32		
		(-12.25—13.07)x(78.00+77.30)/2	63.67		
		(-12.15—12.25)x(78.22+78.00)/2	7.81		
		(-8.74—12.15)x(79.00+78.22)/2	268.06		
		(-2.66—8.74)x(79.46+79.00)/2	481.72		
A RIPORTARE mq			1737.91		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

CALCOLO DELLE AREE		Foglio n. 4	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	1737.91
		$(-2.13-2.66) \times (80.08+79.46) / 2$	42.28
		$(-2.09-2.13) \times (80.00+80.08) / 2$	3.20
		$(5.31-2.09) \times (80.45+80.00) / 2$	593.66
		$(5.65-5.31) \times (81.00+80.45) / 2$	27.45
		$(5.85-5.65) \times (81.67+81.00) / 2$	16.27
		$(7.37-5.85) \times (81.72+81.67) / 2$	124.18
		$(6.02-7.37) \times (82.83+82.83) / 2$	-111.82
		$(5.00-6.02) \times (82.68+82.68) / 2$	-84.33
		$(-21.50-5.00) \times (81.72+82.38) / 2$	-2174.32
		$(-22.42-21.50) \times (81.70+81.72) / 2$	-75.17
		$(-21.90-22.42) \times (82.21+81.70) / 2$	42.62
		$(-22.92-21.90) \times (82.21+82.21) / 2$	-83.85
		$(-24.97-22.92) \times (81.04+82.21) / 2$	-167.33
		$(-25.05-24.97) \times (81.04+81.04) / 2$	-6.48
			115.73
V-11	R1	$(5.00-5.17) \times (82.53+82.53) / 2$	-14.03
209.08		$(-21.50-5.00) \times (81.57+82.23) / 2$	-2170.35
		$(-22.42-21.50) \times (81.54+81.57) / 2$	-75.03
		$(-21.90-22.42) \times (82.06+81.54) / 2$	42.54
		$(-22.92-21.90) \times (82.06+82.06) / 2$	-83.70
		$(-24.83-22.92) \times (80.97+82.06) / 2$	-155.69
		$(-24.91-24.83) \times (80.97+80.97) / 2$	-6.48
		$(-18.71-24.91) \times (77.00+76.23) / 2$	475.01
		$(-10.79-18.71) \times (78.00+77.00) / 2$	613.80
		$(-9.69-10.79) \times (79.00+78.00) / 2$	86.35
		$(-9.43-9.69) \times (79.29+79.00) / 2$	20.58
		$(-8.62-9.43) \times (80.00+79.29) / 2$	64.51
		$(-8.49-8.62) \times (80.44+80.00) / 2$	10.43
		$(2.94-8.49) \times (80.91+80.44) / 2$	922.12
		$(3.11-2.94) \times (81.00+80.91) / 2$	13.76
		$(3.57-3.11) \times (82.00+81.00) / 2$	37.49
		$(4.21-3.57) \times (82.00+82.00) / 2$	52.48
		$(5.17-4.21) \times (82.00+82.00) / 2$	78.72
			87.49
V-11	R2	$(5.17-6.02) \times (82.53+82.53) / 2$	-70.15
209.08		$(6.02-5.17) \times (82.00+82.00) / 2$	69.70
			0.45
V-11	R3	$(7.38-6.02) \times (82.00+82.00) / 2$	111.52
209.08		$(6.02-7.38) \times (82.68+82.68) / 2$	-112.44
			0.92
V-12	R1	$(-16.37-24.78) \times (77.00+76.39) / 2$	645.00
234.18		$(-15.89-16.37) \times (78.00+77.00) / 2$	37.20
		$(-14.88-15.89) \times (79.00+78.00) / 2$	79.28
		$(-5.79-14.88) \times (80.00+79.00) / 2$	722.65
		$(-5.15-5.79) \times (79.92+80.00) / 2$	51.17
		$(-4.38-5.15) \times (80.81+79.92) / 2$	61.88
		$(-3.64-4.38) \times (81.00+80.81) / 2$	59.87
		$(5.15-3.64) \times (81.75+81.00) / 2$	715.29
		$(5.17-5.15) \times (82.38+81.75) / 2$	1.64
		$(5.00-5.17) \times (82.38+82.38) / 2$	-14.00
		$(-21.50-5.00) \times (81.42+82.08) / 2$	-2166.38
		A RIPORTARE mq	193.60

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE AREE		Foglio n. 5	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq	193.60	
		$(-22.42-21.50) \times (81.39+81.42) / 2$	-74.89		
		$(-21.90-22.42) \times (81.91+81.39) / 2$	42.46		
		$(-22.92-21.90) \times (81.91+81.91) / 2$	-83.55		
		$(-24.70-22.92) \times (80.89+81.91) / 2$	-144.89		
		$(-24.78-24.70) \times (80.89+80.89) / 2$	-6.47		
				73.74	
V-12	S1	$(5.17-5.85) \times (82.38+82.38) / 2$	-56.02		
234.18		$(5.85-5.17) \times (82.44+82.43) / 2$	56.06		
				0.04	
V-12	S2	$(6.02-5.85) \times (82.44+82.44) / 2$	14.01		
234.18		$(5.85-6.02) \times (82.38+82.38) / 2$	-14.00		
				0.01	
V-12	R2	$(7.38-6.02) \times (82.44+82.44) / 2$	112.12		
234.18		$(6.02-7.38) \times (82.53+82.53) / 2$	-112.24		
				0.12	
V-13	R1	$(5.00-5.17) \times (82.23+82.23) / 2$	-13.98		
259.28		$(-21.50-5.00) \times (81.27+81.93) / 2$	-2162.40		
		$(-22.42-21.50) \times (81.24+81.27) / 2$	-74.75		
		$(-21.90-22.42) \times (81.76+81.24) / 2$	42.38		
		$(-22.92-21.90) \times (81.76+81.76) / 2$	-83.40		
		$(-24.57-22.92) \times (80.82+81.76) / 2$	-134.13		
		$(-24.65-24.57) \times (80.82+80.82) / 2$	-6.47		
		$(-18.10-24.65) \times (77.00+76.84) / 2$	503.83		
		$(-17.68-18.10) \times (76.96+77.00) / 2$	32.33		
		$(-17.11-17.68) \times (78.00+76.96) / 2$	44.16		
		$(-15.94-17.11) \times (79.00+78.00) / 2$	91.84		
		$(-15.57-15.94) \times (79.35+79.00) / 2$	29.29		
		$(-5.36-15.57) \times (79.68+79.35) / 2$	811.85		
		$(-5.21-5.36) \times (80.00+79.68) / 2$	11.98		
		$(-4.31-5.21) \times (80.93+80.00) / 2$	72.42		
		$(-2.32-4.31) \times (81.00+80.93) / 2$	161.12		
		$(5.13-2.32) \times (81.22+81.00) / 2$	604.27		
		$(5.17-5.13) \times (81.27+81.22) / 2$	3.25		
				66.41	
V-13	R2	$(5.80-5.17) \times (82.00+81.27) / 2$	51.43		
259.28		$(5.85-5.80) \times (82.23+82.00) / 2$	4.11		
		$(5.17-5.85) \times (82.23+82.23) / 2$	-55.92		
				0.38	
V-13	S1	$(5.85-6.02) \times (82.23+82.23) / 2$	-13.98		
259.28		$(5.88-5.85) \times (82.41+82.23) / 2$	2.47		
		$(5.99-5.88) \times (82.76+82.41) / 2$	9.08		
		$(6.02-5.99) \times (82.77+82.76) / 2$	2.48		
				0.05	
V-13	S2	$(6.96-6.02) \times (83.00+82.77) / 2$	77.91		
259.28		$(7.28-6.96) \times (83.17+83.00) / 2$	26.59		
		$(6.02-7.28) \times (82.38+82.38) / 2$	-103.80		
				0.70	
V-14	R1	$(5.00-5.85) \times (82.10+82.10) / 2$	-69.78		
284.29		$(-21.50-5.00) \times (81.13+81.80) / 2$	-2158.82		
		$(-22.42-21.50) \times (81.11+81.13) / 2$	-74.63		
		$(-21.90-22.42) \times (81.63+81.11) / 2$	42.31		
			A RIPORTARE mq	-2260.92	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE AREE		Foglio n. 6	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			-2260.92		
		$(-22.92-21.90) \times (81.63+81.63) / 2$	-83.26		
		$(-24.57-22.92) \times (80.68+81.63) / 2$	-133.91		
		$(-24.64-24.57) \times (80.68+80.68) / 2$	-5.65		
		$(-23.03-24.64) \times (76.74+76.65) / 2$	123.48		
		$(-18.01-23.03) \times (77.00+76.74) / 2$	385.89		
		$(-17.59-18.01) \times (77.36+77.00) / 2$	32.42		
		$(-17.24-17.59) \times (78.00+77.36) / 2$	27.19		
		$(-16.95-17.24) \times (78.42+78.00) / 2$	22.68		
		$(-16.67-16.95) \times (78.85+78.42) / 2$	22.02		
		$(-15.69-16.67) \times (78.93+78.85) / 2$	77.31		
		$(-15.20-15.69) \times (78.97+78.93) / 2$	38.69		
		$(-14.96-15.20) \times (79.00+78.97) / 2$	18.96		
		$(-13.15-14.96) \times (79.07+79.00) / 2$	143.05		
		$(-10.62-13.15) \times (79.15+79.07) / 2$	200.15		
		$(-7.34-10.62) \times (79.26+79.15) / 2$	259.79		
		$(-6.28-7.34) \times (79.30+79.26) / 2$	84.04		
		$(-4.26-6.28) \times (79.36+79.30) / 2$	160.25		
		$(-4.10-4.26) \times (79.57+79.36) / 2$	12.71		
		$(-3.77-4.10) \times (80.00+79.57) / 2$	26.33		
		$(-3.64-3.77) \times (80.14+80.00) / 2$	10.41		
		$(-3.23-3.64) \times (80.51+80.14) / 2$	32.93		
		$(-0.19-3.23) \times (80.69+80.51) / 2$	245.02		
		$(5.85-0.19) \times (80.95+80.69) / 2$	488.15		
V-14	R2	$(6.67-5.85) \times (81.01+80.95) / 2$	66.40	72.27	
284.29		$(6.74-6.67) \times (81.00+81.01) / 2$	5.67		
		$(7.04-6.74) \times (81.45+81.00) / 2$	24.37		
		$(7.09-7.04) \times (81.50+81.45) / 2$	4.07		
		$(6.02-7.09) \times (82.25+82.25) / 2$	-88.01		
		$(5.85-6.02) \times (82.10+82.10) / 2$	-13.96	1.46	
V-15	R1	$(-17.34-16.12) \times (81.24+81.27) / 2$	-99.13		
309.29		$(-18.26-17.34) \times (81.21+81.24) / 2$	-74.73		
		$(-17.74-18.26) \times (81.73+81.21) / 2$	42.36		
		$(-18.76-17.74) \times (81.73+81.73) / 2$	-83.36		
		$(-20.54-18.76) \times (80.72+81.73) / 2$	-144.58		
		$(-20.62-20.54) \times (80.72+80.72) / 2$	-6.46		
		$(-16.65-20.62) \times (76.87+76.60) / 2$	304.64		
		$(-16.12-16.65) \times (76.92+76.87) / 2$	40.75	20.51	
V-15	R2	$(-16.12-10.38) \times (81.27+81.41) / 2$	-466.89		
309.29		$(-15.33-16.12) \times (77.00+76.92) / 2$	60.80		
		$(-14.50-15.33) \times (78.00+77.00) / 2$	64.33		
		$(-11.53-14.50) \times (78.51+78.00) / 2$	232.42		
		$(-10.38-11.53) \times (78.64+78.51) / 2$	90.36	18.98	
V-15	R3	$(-8.45-10.38) \times (78.85+78.64) / 2$	151.98		
309.29		$(-3.08-8.45) \times (79.00+78.85) / 2$	423.83		
		$(-2.42-3.08) \times (78.87+79.00) / 2$	52.10		
		$(-0.25-2.42) \times (80.00+78.87) / 2$	172.37		
		$(0.00-0.25) \times (80.03+80.00) / 2$	20.00		
A RIPORTARE mq			820.28		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE AREE		Foglio n. 7	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
			820.28		
		$(1.12-0.00) \times (80.17+80.03) / 2$	89.71		
		$(6.98-1.12) \times (80.66+80.17) / 2$	471.23		
		$(6.02-6.98) \times (82.25+82.25) / 2$	-78.96		
		$(5.00-6.02) \times (82.10+82.10) / 2$	-83.74		
		$(-10.38-5.00) \times (81.41+81.80) / 2$	-1255.08		
V-16	R1	$(-17.55-22.74) \times (77.35+77.26) / 2$	401.21	36.56	
334.30		$(-17.11-17.55) \times (77.78+77.35) / 2$	34.13		
		$(-16.87-17.11) \times (78.00+77.78) / 2$	18.69		
		$(-16.52-16.87) \times (78.34+78.00) / 2$	27.36		
		$(-16.12-16.52) \times (78.71+78.34) / 2$	31.41		
		$(-18.61-16.12) \times (78.71+78.71) / 2$	-195.99		
		$(-22.74-18.61) \times (81.07+78.71) / 2$	-329.95		
V-16	S1	$(-15.98-16.12) \times (78.84+78.71) / 2$	11.03	13.14	
334.30		$(-14.00-15.98) \times (78.89+78.84) / 2$	156.15		
		$(-10.38-14.00) \times (78.95+78.89) / 2$	285.69		
		$(-10.80-10.38) \times (78.71+78.95) / 2$	-33.11		
		$(-16.12-10.80) \times (78.71+78.71) / 2$	-418.74		
V-16	R2	$(-10.38-8.84) \times (78.95+79.83) / 2$	-122.26	1.02	
334.30		$(-9.86-10.38) \times (78.96+78.95) / 2$	41.06		
		$(-8.84-9.86) \times (78.98+78.96) / 2$	80.55		
V-16	R3	$(-7.43-8.84) \times (79.00+78.98) / 2$	111.38	0.65	
334.30		$(-5.93-7.43) \times (78.91+79.00) / 2$	118.43		
		$(-4.93-5.93) \times (78.85+78.91) / 2$	78.88		
		$(-4.13-4.93) \times (79.69+78.85) / 2$	63.42		
		$(-3.87-4.13) \times (80.00+79.69) / 2$	20.76		
		$(-3.75-3.87) \times (80.12+80.00) / 2$	9.61		
		$(-3.59-3.75) \times (80.43+80.12) / 2$	12.84		
		$(2.22-3.59) \times (80.89+80.43) / 2$	468.63		
		$(3.73-2.22) \times (81.00+80.89) / 2$	122.23		
		$(4.67-3.73) \times (81.20+81.00) / 2$	76.23		
		$(7.18-4.67) \times (81.74+81.20) / 2$	204.49		
		$(6.02-7.18) \times (82.38+82.38) / 2$	-95.56		
		$(5.00-6.02) \times (82.23+82.23) / 2$	-83.87		
		$(-3.25-5.00) \times (81.72+81.93) / 2$	-675.06		
		$(-4.13-3.25) \times (81.70+81.72) / 2$	-71.90		
		$(-3.64-4.13) \times (82.22+81.70) / 2$	40.16		
		$(-4.67-3.64) \times (82.22+82.22) / 2$	-84.69		
		$(-8.84-4.67) \times (79.83+82.22) / 2$	-337.87		
V-17	R1	$(-3.75-8.84) \times (79.06+79.02) / 2$	402.31	21.89	
359.45		$(-2.93-3.75) \times (80.00+79.06) / 2$	65.21		
		$(-2.68-2.93) \times (80.97+80.00) / 2$	20.12		
		$(-1.12-2.68) \times (81.00+80.97) / 2$	126.34		
		$(7.99-1.12) \times (82.00+81.00) / 2$	742.46		
		$(9.16-7.99) \times (82.22+82.00) / 2$	96.07		
		$(6.02-9.16) \times (82.53+82.53) / 2$	-259.14		
		$(5.00-6.02) \times (82.38+82.38) / 2$	-84.03		
			A RIPORTARE mq		
			1109.34		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE AREE		Foglio n. 8	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			1109.34		
		$(-1.50-5.00) \times (81.92+82.08) / 2$	-533.00		
		$(-2.38-1.50) \times (81.90+81.92) / 2$	-72.08		
		$(-1.89-2.38) \times (82.41+81.90) / 2$	40.26		
		$(-2.91-1.89) \times (82.41+82.41) / 2$	-84.06		
		$(-8.84-2.91) \times (79.02+82.41) / 2$	-478.64		
				18.18	
V-18	R1	$(-7.28-8.70) \times (79.00+78.99) / 2$	112.17		
373.08		$(-1.96-7.28) \times (79.43+79.00) / 2$	421.42		
		$(-1.38-1.96) \times (80.00+79.43) / 2$	46.23		
		$(-0.67-1.38) \times (80.90+80.00) / 2$	57.12		
		$(1.20-0.67) \times (81.00+80.90) / 2$	151.38		
		$(7.01-1.20) \times (82.00+81.00) / 2$	473.51		
		$(12.76-7.01) \times (82.66+82.00) / 2$	473.40		
		$(6.02-12.76) \times (82.71+82.71) / 2$	-557.47		
		$(5.00-6.02) \times (82.56+82.56) / 2$	-84.21		
		$(-1.50-5.00) \times (82.09+82.26) / 2$	-534.14		
		$(-2.38-1.50) \times (82.07+82.09) / 2$	-72.23		
		$(-1.89-2.38) \times (82.59+82.07) / 2$	40.34		
		$(-2.91-1.89) \times (82.59+82.59) / 2$	-84.24		
		$(-3.41-2.91) \times (82.30+82.59) / 2$	-41.22		
		$(-8.70-3.41) \times (82.30+82.30) / 2$	-435.37		
				33.31	
V-19	R1	$(-0.78-2.31) \times (79.49+79.41) / 2$	121.56		
389.41		$(-0.28-0.78) \times (80.05+79.49) / 2$	39.88		
		$(0.31-0.28) \times (80.94+80.05) / 2$	47.49		
		$(2.86-0.31) \times (81.05+80.94) / 2$	206.54		
		$(9.13-2.86) \times (82.05+81.05) / 2$	511.32		
		$(15.45-9.13) \times (82.80+82.05) / 2$	520.93		
		$(6.02-15.45) \times (83.12+83.12) / 2$	-783.82		
		$(5.00-6.02) \times (82.97+82.97) / 2$	-84.63		
		$(-2.31-5.00) \times (82.49+82.67) / 2$	-603.66		
				24.39	
V-20	R1	$(7.08-0.51) \times (81.00+80.11) / 2$	611.41		
409.82		$(14.70-7.08) \times (82.00+81.00) / 2$	621.03		
		$(15.37-14.70) \times (82.11+82.00) / 2$	54.98		
		$(6.02-15.37) \times (83.92+83.92) / 2$	-784.65		
		$(5.00-6.02) \times (83.77+83.77) / 2$	-85.45		
		$(-0.51-5.00) \times (83.33+83.47) / 2$	-459.53		
				42.21	
V-21	R1	$(8.89-0.00) \times (80.29+80.01) / 2$	712.53		
419.80		$(10.05-8.89) \times (81.00+80.29) / 2$	93.55		
		$(10.36-10.05) \times (81.60+81.00) / 2$	25.20		
		$(14.31-10.36) \times (81.94+81.60) / 2$	322.99		
		$(6.02-14.31) \times (84.34+84.34) / 2$	-699.18		
		$(4.99-6.02) \times (84.19+84.19) / 2$	-86.72		
		$(-0.00-4.99) \times (83.77+83.89) / 2$	-418.31		
				49.94	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO STERRI E RIPORTI											Foglio n. 9	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI				
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc			
V-1	R1		22.77	(0.00)								
V-2	R1		29.28	(7.89)	7.89		205.337					205.337
V-2	R1		29.28	(7.89)	19.36		662.983					662.983
V-3	R1		39.21	(27.25)	10.79		382.182					382.182
V-3	R1		39.21	(27.25)	20.28		741.031					741.031
V-4	R1		31.63	(38.04)	25.16		1706.729					1706.729
V-4	R1		31.63	(38.04)	20.26		58.653					58.653
V-5	R1		35.66	(58.32)	20.26		58.653					58.653
V-5	R2		5.79	(58.32)	4.90	3.430				3.430		1765.382
V-5	R1		35.66	(58.32)	25.16		1706.729					1706.729
V-6	R1		100.01	(83.48)	25.13		2678.984					2678.984
V-6	R1		100.01	(83.48)	10.99	7.693						7.693
V-6	S1	1.40		(83.48)	10.99							7.693
V-6	R1		100.01	(83.48)	14.14		12.726					12.726
V-6	S1	1.40		(83.48)	14.14							12.726
V-7	R1		113.20	(108.61)								
V-7	R1		113.20	(108.61)								
V-7	R2		1.80	(108.61)								
V-7	R2		1.80	(108.61)								
A RIPORTARE :												

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO STERRI E RIPORTI										Foglio n. 10	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
RIPORTO :											
V-7	R1		113.20	(108.61)							
	R2		1.80								
					25.12		2506.725				
V-8	R1		84.58	(133.73)							2506.725
V-8	R1		84.58	(133.73)							
					25.10		2543.634				
V-9	R1		118.10	(158.83)							2543.634
V-9	R1		118.10	(158.83)							
					25.13		2938.074				
V-10	R1		115.73	(183.96)							2938.074
V-10	R1		115.73	(183.96)							
					25.12		2569.650				
V-11	R1		87.49	(209.08)							2569.650
	R2		0.45								
	R3		0.92								
V-11	R1		87.49	(209.08)							
					25.10		2023.437				
V-12	R1		73.74	(234.18)							
V-11	R2		0.45	(209.08)							
					22.59		5.083				
					22.59						
V-12	S1	0.04		(234.18)							
	S2	0.01					0.063				
V-11	R3		0.92	(209.08)							
V-12	R2		0.12	(234.18)							
					25.10		13.052				
									0.063		2041.572
V-12	R1		73.74	(234.18)							
					25.10		1758.882				
V-13	R1		66.41	(259.28)							
V-12	S1	0.04		(234.18)							
					2.39		0.048				
					2.39						
V-13	R2		0.38	(259.28)							
					22.71		4.315				
A RIPORTARE :						0.048	1763.197	11.186	19048.280		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO STERRI E RIPORTI										Foglio n. 11	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :	0.048	1763.197	11.186	19048.280	
V-12	S2	0.01		(234.18)							
V-13	S1	0.05		(259.28)	25.10	0.753					
V-12	R2		0.12	(234.18)	3.67		0.220				
				0.12*25.10	3.67						
				0.12+0.70							
V-13	S2	0.70		(259.28)	21.43	7.500					
								8.301	1763.417		
V-13	R1		66.41	(259.28)	25.01		1738.945				
V-14	R1		72.27	(284.29)							
V-13	S1	0.05		(259.28)	8.49	3.184					
V-13	S2	0.70		(259.28)	8.49						
				0.75*25.01	8.49						
				0.75+1.46							
V-14	R2		1.46	(284.29)	16.52		12.060				
								3.184	1751.005		
V-14	R1		72.27	(284.29)							
V-14	R2		1.46	(284.29)							
V-15	R1		20.51	(309.29)	25.00		1872.250				
V-15	R2		18.98	(309.29)							
V-15	R3		36.56	(309.29)						1872.250	
V-15	R1		20.51	(309.29)	25.01		420.793				
V-16	R1		13.14	(334.30)							
V-15	R2		18.98	(309.29)	23.73		225.198				
				18.98*25.01	23.73						
				18.98+1.02							
V-16	S1	1.02		(334.30)	1.28	0.653					
V-15	R3		36.56	(309.29)	25.01		739.046				
V-16	R2		0.65	(334.30)							
V-16	R3		21.89	(334.30)						0.653	
								0.653	1385.037		
V-16	R1		13.14	(334.30)	25.15		165.236				
V-17	R0		0.00	(359.45)							
						A RIPORTARE :	165.236	23.324	25819.989		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO STERRI E RIPORTI										Foglio n. 12	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :		0.000	165.236	23.324	25819.989
V-16	S1	1.02		(334.30)							
V-17	S0	0.00		(359.45)	25.15	12.826					
V-16	R2		0.65	(334.30)	25.15		8.174				
V-17	R0		0.00	(359.45)							
V-16	R3		21.89	(334.30)	25.15		503.880				
V-17	R1		18.18	(359.45)					12.826		677.290
V-17	R1		18.18	(359.45)							
V-18	R1		33.31	(373.08)	13.63		350.904				
V-18	R1		33.31	(373.08)							350.904
V-18	R1		33.31	(373.08)	16.33		471.120				
V-19	R1		24.39	(389.41)							471.120
V-19	R1		24.39	(389.41)							
V-20	R1		42.21	(409.82)	20.41		679.653				
V-20	R1		42.21	(409.82)							679.653
V-20	R1		42.21	(409.82)	9.98		459.829				
V-21	R1		49.94	(419.80)							459.829
Il Direttore dei Lavori						L'Impresa		Totale Articoli		36.150	28458.785
								A dedurre quantita' precedenti:			
								Quantita' da contabilizzare ...			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE AREE		Foglio n. 13	
VEGETALE IN RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
V-5	C1	$(-4.54-12.44) \times (83.66+79.14) / 2$	643.06		
58.32		$(-2.46-4.54) \times (83.66+83.66) / 2$	174.01		
		$(-2.65-2.46) \times (83.36+83.56) / 2$	-15.86		
		$(-4.46-2.65) \times (83.36+83.36) / 2$	-150.88		
		$(-11.77-4.46) \times (79.18+83.36) / 2$	-594.08		
		$(-12.44-11.77) \times (79.14+79.18) / 2$	-53.04		
				3.21	
V-6	C1	$(-29.79-32.03) \times (82.64+81.36) / 2$	183.68		
83.48		$(-28.77-29.79) \times (82.64+82.64) / 2$	84.29		
		$(-28.58-28.77) \times (82.84+82.64) / 2$	15.72		
		$(-29.88-28.58) \times (82.94+82.94) / 2$	-107.82		
		$(-32.12-29.88) \times (81.66+82.94) / 2$	-184.35		
		$(-32.03-32.12) \times (81.36+81.36) / 2$	7.32		
				1.16	
V-7	C2	$(-22.92-25.28) \times (82.67+81.31) / 2$	193.50		
108.61		$(-21.90-22.92) \times (82.67+82.67) / 2$	84.32		
		$(-21.70-21.90) \times (82.87+82.67) / 2$	16.55		
		$(-23.00-21.70) \times (82.97+82.97) / 2$	-107.86		
		$(-25.36-23.00) \times (81.61+82.97) / 2$	-194.20		
		$(-25.28-25.36) \times (81.31+81.31) / 2$	6.50		
				1.19	
V-7	C1	$(7.34-6.02) \times (83.58+83.58) / 2$	110.33		
108.61		$(6.02-7.34) \times (83.28+83.28) / 2$	-109.93		
				0.40	
V-8	C2	$(-22.92-25.22) \times (82.51+81.20) / 2$	188.27		
133.73		$(-21.90-22.92) \times (82.51+82.51) / 2$	84.16		
		$(-21.70-21.90) \times (82.71+82.51) / 2$	16.52		
		$(-23.00-21.70) \times (82.81+82.81) / 2$	-107.65		
		$(-25.29-23.00) \times (81.50+82.81) / 2$	-188.13		
		$(-25.22-25.29) \times (81.20+81.20) / 2$	5.68		
				1.15	
V-8	C1	$(7.35-6.02) \times (83.43+83.43) / 2$	110.96		
133.73		$(6.02-7.35) \times (83.13+83.13) / 2$	-110.56		
				0.40	
V-9	C2	$(-22.92-25.11) \times (82.36+81.11) / 2$	179.00		
158.83		$(-21.90-22.92) \times (82.36+82.36) / 2$	84.01		
		$(-21.70-21.90) \times (82.56+82.36) / 2$	16.49		
		$(-23.00-21.70) \times (82.66+82.66) / 2$	-107.46		
		$(-25.19-23.00) \times (81.41+82.66) / 2$	-179.66		
		$(-25.11-25.19) \times (81.11+81.11) / 2$	6.49		
				1.13	
V-9	C1	$(7.36-6.02) \times (83.28+83.28) / 2$	111.60		
158.83		$(6.02-7.36) \times (82.98+82.98) / 2$	-111.19		
				0.41	
V-10	C2	$(-22.92-24.97) \times (82.21+81.04) / 2$	167.33		
183.96		$(-21.90-22.92) \times (82.21+82.21) / 2$	83.85		
		$(-21.70-21.90) \times (82.41+82.21) / 2$	16.46		
		$(-23.00-21.70) \times (82.51+82.51) / 2$	-107.26		
		$(-25.05-23.00) \times (81.34+82.51) / 2$	-167.95		
		$(-24.97-25.05) \times (81.04+81.04) / 2$	6.48		
				1.09	
V-10	C1	$(7.37-6.02) \times (83.13+83.13) / 2$	112.23		
183.96		$(6.02-7.37) \times (82.83+82.83) / 2$	-111.82		
		A RIPORTARE mq	0.41		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE AREE		Foglio n. 14	
VEGETALE IN RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			0.41		
V-11	C2	(-22.92—24.83)x(82.06+80.97)/2	155.69	0.41	
209.08		(-21.90—22.92)x(82.06+82.06)/2	83.70		
		(-21.70—21.90)x(82.26+82.06)/2	16.43		
		(-23.00—21.70)x(82.36+82.36)/2	-107.07		
		(-24.91—23.00)x(81.27+82.36)/2	-156.27		
		(-24.83—24.91)x(80.97+80.97)/2	6.48		
V-11	C1	(7.38—6.02)x(82.98+82.98)/2	112.85	1.04	
209.08		(6.02—7.38)x(82.68+82.68)/2	-112.44		
V-12	C2	(-22.92—24.70)x(81.91+80.89)/2	144.89	0.41	
234.18		(-21.90—22.92)x(81.91+81.91)/2	83.55		
		(-21.70—21.90)x(82.11+81.91)/2	16.40		
		(-23.00—21.70)x(82.21+82.21)/2	-106.87		
		(-24.78—23.00)x(81.19+82.21)/2	-145.43		
		(-24.70—24.78)x(80.89+80.89)/2	6.47		
V-12	C1	(7.38—6.02)x(82.83+82.83)/2	112.65	0.99	
234.18		(6.02—7.38)x(82.53+82.53)/2	-112.24		
V-13	C1	(-22.92—24.57)x(81.76+80.82)/2	134.13	0.41	
259.28		(-21.90—22.92)x(81.76+81.76)/2	83.40		
		(-21.70—21.90)x(81.96+81.76)/2	16.37		
		(-23.00—21.70)x(82.06+82.06)/2	-106.68		
		(-24.65—23.00)x(81.12+82.06)/2	-134.62		
		(-24.57—24.65)x(80.82+80.82)/2	6.47		
V-14	C2	(-22.92—24.57)x(81.63+80.68)/2	133.91	0.93	
284.29		(-21.90—22.92)x(81.63+81.63)/2	83.26		
		(-21.70—21.90)x(81.83+81.63)/2	16.35		
		(-23.00—21.70)x(81.93+81.93)/2	-106.51		
		(-24.64—23.00)x(80.99+81.93)/2	-133.59		
		(-24.57—24.64)x(80.68+80.68)/2	5.65		
V-14	C1	(7.09—6.02)x(82.55+82.55)/2	88.33	0.93	
284.29		(6.02—7.09)x(82.25+82.25)/2	-88.01		
V-15	C2	(-18.76—20.54)x(81.73+80.72)/2	144.58	0.32	
309.29		(-17.74—18.76)x(81.73+81.73)/2	83.36		
		(-17.54—17.74)x(81.93+81.73)/2	16.37		
		(-18.84—17.54)x(82.03+82.03)/2	-106.64		
		(-20.62—18.84)x(81.02+82.03)/2	-145.11		
		(-20.54—20.62)x(80.72+80.72)/2	6.46		
V-15	C1	(6.98—6.02)x(82.55+82.55)/2	79.25	0.98	
309.29		(6.02—6.98)x(82.25+82.25)/2	-78.96		
V-16	C1	(-18.61—16.12)x(78.71+78.71)/2	-195.99	0.29	
334.30		(-22.74—18.61)x(81.07+78.71)/2	-329.95		
		(-18.53—22.74)x(79.01+81.42)/2	337.71		
A RIPORTARE mq			-188.23		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				-188.23		
			$(-10.88-18.53) \times (79.01+79.01) / 2$	604.43		
			$(-4.75-10.88) \times (82.52+79.01) / 2$	495.09		
			$(-3.45-4.75) \times (82.52+82.52) / 2$	107.28		
			$(-3.64-3.45) \times (82.22+82.42) / 2$	-15.64		
			$(-4.67-3.64) \times (82.22+82.22) / 2$	-84.69		
			$(-10.80-4.67) \times (78.71+82.22) / 2$	-493.25		
			$(-16.12-10.80) \times (78.71+78.71) / 2$	-418.74		
V-16	C2		$(7.18-6.02) \times (82.68+82.68) / 2$	95.91	6.25	
334.30			$(6.02-7.18) \times (82.38+82.38) / 2$	-95.56		
V-17	C1		$(9.16-6.02) \times (82.83+82.83) / 2$	260.09	0.35	
359.45			$(6.02-9.16) \times (82.53+82.53) / 2$	-259.14		
V-17	C2		$(-2.91-8.84) \times (82.41+79.02) / 2$	478.64	0.95	
359.45			$(-1.89-2.91) \times (82.41+82.41) / 2$	84.06		
			$(-1.70-1.89) \times (82.61+82.41) / 2$	15.68		
			$(-3.00-1.70) \times (82.71+82.71) / 2$	-107.52		
			$(-9.47-3.00) \times (79.02+82.71) / 2$	-523.20		
			$(-8.84-9.47) \times (79.02+79.02) / 2$	49.78		
V-18	C1		$(12.76-6.02) \times (83.01+83.01) / 2$	559.49	2.56	
373.08			$(6.02-12.76) \times (82.71+82.71) / 2$	-557.47		
V-18	C2		$(-3.41-8.70) \times (82.30+82.30) / 2$	435.37	2.02	
373.08			$(-2.91-3.41) \times (82.59+82.30) / 2$	41.22		
			$(-1.89-2.91) \times (82.59+82.59) / 2$	84.24		
			$(-1.70-1.89) \times (82.79+82.59) / 2$	15.71		
			$(-3.00-1.70) \times (82.89+82.89) / 2$	-107.76		
			$(-3.50-3.00) \times (82.60+82.89) / 2$	-41.37		
			$(-8.70-3.50) \times (82.60+82.60) / 2$	-429.52		
V-19	C1		$(15.45-6.02) \times (83.42+83.42) / 2$	786.65	2.11	
389.41			$(6.02-15.45) \times (83.12+83.12) / 2$	-783.82		
V-20	C1		$(15.37-6.02) \times (84.22+84.22) / 2$	787.46	2.83	
409.82			$(6.02-15.37) \times (83.92+83.92) / 2$	-784.65		
V-21	C1		$(14.31-6.02) \times (84.64+84.64) / 2$	701.67	2.81	
419.80			$(6.02-14.31) \times (84.34+84.34) / 2$	-699.18	2.49	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
V-6	F1		(6.69-7.22)x(83.73+84.04)/2	-44.46		
83.48			(6.02-6.69)x(83.73+83.73)/2	-56.10		
			(6.77-6.02)x(83.43+83.43)/2	62.57		
			(7.86-6.77)x(84.05+83.43)/2	91.28		
			(7.22-7.86)x(84.04+84.05)/2	-53.79		
V-13	F1		(6.02-7.28)x(82.38+82.38)/2	-103.80	0.50	
259.28			(7.28-6.02)x(82.68+82.68)/2	104.18		
					0.38	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE AREE		Foglio n. 17	
GRADONATURA					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
V-1	01	(1.11-0.01)x(80.13+80.05)/2	88.10		
0.00		(2.61-1.11)x(80.82+80.13)/2	120.71		
		(3.02-2.61)x(81.05+80.82)/2	33.18		
		(0.01-3.02)x(80.05+80.05)/2	-240.95		
				1.04	
V-1	02	(4.43-3.02)x(81.85+81.05)/2	114.84		
0.00		(4.58-4.43)x(82.05+81.85)/2	12.29		
		(3.02-4.58)x(81.05+81.05)/2	-126.44		
				0.69	
V-2	01	(4.42-3.84)x(79.81+79.70)/2	46.26		
7.89		(5.80-4.42)x(80.70+79.81)/2	110.75		
		(3.84-5.80)x(79.70+79.70)/2	-156.21		
				0.80	
V-2	02	(6.00-5.80)x(80.83+80.70)/2	16.15		
7.89		(6.12-6.00)x(80.89+80.83)/2	9.70		
		(6.87-6.12)x(81.28+80.89)/2	60.81		
		(5.80-6.87)x(80.70+80.70)/2	-86.35		
				0.31	
V-3	01	(1.86-0.52)x(77.81+77.07)/2	184.31		
27.25		(3.07-1.86)x(78.07+77.81)/2	94.31		
		(-0.52-3.07)x(77.07+77.07)/2	-276.68		
				1.94	
V-3	02	(5.16-3.07)x(78.54+78.07)/2	163.66		
27.25		(6.06-5.16)x(79.07+78.54)/2	70.92		
		(3.07-6.06)x(78.07+78.07)/2	-233.43		
				1.15	
V-3	03	(6.13-6.06)x(79.12+79.07)/2	5.54		
27.25		(6.88-6.13)x(79.57+79.12)/2	59.51		
		(6.06-6.88)x(79.07+79.07)/2	-64.84		
				0.21	
V-4	01	(6.16-5.33)x(80.63+79.85)/2	66.60		
38.04		(6.39-6.16)x(80.84+80.63)/2	18.57		
		(6.40-6.39)x(80.85+80.84)/2	0.81		
		(5.33-6.40)x(79.85+79.85)/2	-85.44		
				0.54	
V-4	02	(6.89-6.40)x(81.20+80.85)/2	39.70		
38.04		(6.40-6.89)x(80.85+80.85)/2	-39.62		
				0.08	
V-5	01	(6.35-6.25)x(81.86+80.98)/2	8.14		
58.32		(6.62-6.35)x(81.98+81.86)/2	22.12		
		(6.25-6.62)x(80.98+80.98)/2	-29.96		
				0.30	
V-5	02	(6.94-6.62)x(82.12+81.98)/2	26.26		
58.32		(6.62-6.94)x(81.98+81.98)/2	-26.23		
				0.03	
V-6	01	(-30.47-32.12)x(76.26+76.22)/2	125.80		
83.48		(-29.62-30.47)x(76.85+76.26)/2	65.07		
		(-29.34-29.62)x(77.22+76.85)/2	21.57		
		(-32.12-29.34)x(76.22+76.22)/2	-211.89		
				0.55	
V-6	02	(-28.85-29.34)x(77.86+77.22)/2	37.99		
83.48		(-28.47-28.85)x(78.22+77.86)/2	29.66		
		(-29.34-28.47)x(77.22+77.22)/2	-67.18		
		A RIPORTARE mq	0.47		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
				RIPORTIO mq	0.47	
V-6		03	(3.29-2.30)x(81.84+81.28)/2	80.74	0.47	
83.48			(3.76-3.29)x(82.28+81.84)/2	38.57		
			(2.30-3.76)x(81.28+81.28)/2	-118.67		
V-6		04	(4.33-3.76)x(82.82+82.28)/2	47.05	0.64	
83.48			(3.76-4.33)x(82.28+82.28)/2	-46.90		
V-7		01	(-11.71--13.52)x(76.82+76.22)/2	138.50	0.15	
108.61			(-11.00--11.71)x(77.22+76.82)/2	54.68		
			(-13.52--11.00)x(76.22+76.22)/2	-192.07		
V-7		02	(-9.96--11.00)x(77.81+77.22)/2	80.62	1.11	
108.61			(-8.51--9.96)x(78.15+77.81)/2	113.07		
			(-8.48--8.51)x(78.22+78.15)/2	2.35		
			(-11.00--8.48)x(77.22+77.22)/2	-194.59		
V-7		03	(-8.28--8.48)x(78.85+78.22)/2	15.71	1.45	
108.61			(-7.42--8.28)x(79.22+78.85)/2	67.97		
			(-8.48--7.42)x(78.22+78.22)/2	-82.91		
V-7		04	(-6.03--7.42)x(79.82+79.22)/2	110.53	0.77	
108.61			(-5.19--6.03)x(80.20+79.82)/2	67.21		
			(-5.05--5.19)x(80.22+80.20)/2	11.23		
			(-7.42--5.05)x(79.22+79.22)/2	-187.75		
V-7		05	(-1.40--5.05)x(80.82+80.22)/2	293.90	1.22	
108.61			(-1.37--1.40)x(80.92+80.82)/2	2.43		
			(-1.06--1.37)x(81.22+80.92)/2	25.13		
			(-5.05--1.06)x(80.22+80.22)/2	-320.08		
V-7		06	(-0.55--1.06)x(81.72+81.22)/2	41.55	1.38	
108.61			(0.02--0.55)x(81.79+81.72)/2	46.60		
			(-1.06--0.02)x(81.22+81.22)/2	-87.72		
V-11		01	(-10.76--18.68)x(77.80+76.80)/2	612.22	0.43	
209.08			(-18.68--10.76)x(76.80+76.80)/2	-608.26		
V-11		02	(-10.70--10.76)x(77.81+77.80)/2	4.67	3.96	
209.08			(-9.61--10.70)x(78.80+77.81)/2	85.35		
			(-10.76--9.61)x(77.80+77.80)/2	-89.47		
V-11		03	(-9.55--9.61)x(78.86+78.80)/2	4.73	0.55	
209.08			(-9.29--9.55)x(79.15+78.86)/2	20.54		
			(-8.55--9.29)x(79.80+79.15)/2	58.81		
			(-9.61--8.55)x(78.80+78.80)/2	-83.53		
V-11		04	(-8.45--8.55)x(79.89+79.80)/2	7.98	0.55	
209.08			(-8.34--8.45)x(80.25+79.89)/2	8.81		
			(2.95--8.34)x(80.71+80.25)/2	908.62		
			(-8.55--2.95)x(79.80+79.80)/2	-917.70		
				A RIPORTARE mq	7.71	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				7.71		
V-12	01		$(-15.89-16.19) \times (77.55+76.91) / 2$	23.17	7.71	
234.18			$(-16.19-15.89) \times (76.91+76.91) / 2$	-23.07		
V-12	02		$(-15.73-15.89) \times (77.88+77.55) / 2$	12.43	0.10	
234.18			$(-15.06-15.73) \times (78.55+77.88) / 2$	52.40		
			$(-15.89-15.06) \times (77.55+77.55) / 2$	-64.37		
V-12	03		$(-14.79-15.06) \times (78.81+78.55) / 2$	21.24	0.46	
234.18			$(-8.08-14.79) \times (79.55+78.81) / 2$	531.30		
			$(-15.06-8.08) \times (78.55+78.55) / 2$	-548.28		
V-12	04		$(-5.79-8.08) \times (79.80+79.55) / 2$	182.46	4.26	
234.18			$(-5.06-5.79) \times (79.71+79.80) / 2$	58.22		
			$(-4.35-5.06) \times (80.55+79.71) / 2$	56.89		
			$(-8.08-4.35) \times (79.55+79.55) / 2$	-296.72		
V-12	05		$(-4.27-4.35) \times (80.63+80.55) / 2$	6.45	0.85	
234.18			$(-3.61-4.27) \times (80.80+80.63) / 2$	53.27		
			$(5.17-3.61) \times (81.55+80.80) / 2$	712.72		
			$(-4.35-5.17) \times (80.55+80.55) / 2$	-766.84		
V-13	01		$(-16.96-17.50) \times (77.87+76.87) / 2$	41.78	5.60	
259.28			$(-17.50-16.96) \times (76.87+76.87) / 2$	-41.51		
V-13	02		$(-16.95-16.96) \times (77.87+77.87) / 2$	0.78	0.27	
259.28			$(-15.81-16.95) \times (78.85+77.87) / 2$	89.33		
			$(-15.79-15.81) \times (78.87+78.85) / 2$	1.58		
			$(-16.96-15.79) \times (77.87+77.87) / 2$	-91.11		
V-13	03		$(-15.49-15.79) \times (79.15+78.87) / 2$	23.70	0.58	
259.28			$(-5.23-15.49) \times (79.49+79.15) / 2$	813.82		
			$(-5.06-5.23) \times (79.87+79.49) / 2$	13.55		
			$(-15.79-5.06) \times (78.87+78.87) / 2$	-846.28		
V-13	04		$(-5.05-5.06) \times (79.89+79.87) / 2$	0.80	4.79	
259.28			$(-4.22-5.05) \times (80.73+79.89) / 2$	66.66		
			$(-2.31-4.22) \times (80.80+80.73) / 2$	154.26		
			$(-0.14-2.31) \times (80.87+80.80) / 2$	175.41		
			$(-5.06-0.14) \times (79.87+79.87) / 2$	-392.96		
V-13	05		$(5.22-0.14) \times (81.02+80.87) / 2$	433.87	4.17	
259.28			$(5.94-5.22) \times (81.87+81.02) / 2$	58.64		
			$(-0.14-5.94) \times (80.87+80.87) / 2$	-491.69		
V-13	06		$(5.98-5.94) \times (81.91+81.87) / 2$	3.28	0.82	
259.28			$(6.08-5.98) \times (82.37+81.91) / 2$	8.21		
			$(5.94-6.08) \times (81.87+81.87) / 2$	-11.46		
V-14	01		$(-17.43-17.88) \times (77.23+76.85) / 2$	34.67	0.03	
284.29			$(-17.09-17.43) \times (77.85+77.23) / 2$	26.36		
A RIPORTARE mq				61.03		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
				RIPORTO mq	61.03	
			$(-17.88-17.09) \times (76.85+76.85) / 2$	-60.71	0.32	
V-14		02	$(-17.07-17.09) \times (77.89+77.85) / 2$	1.56		
284.29			$(-16.79-17.07) \times (78.31+77.89) / 2$	21.87		
			$(-16.56-16.79) \times (78.66+78.31) / 2$	18.05		
			$(-15.67-16.56) \times (78.73+78.66) / 2$	70.04		
			$(-15.17-15.67) \times (78.77+78.73) / 2$	39.38		
			$(-14.95-15.17) \times (78.80+78.77) / 2$	17.33		
			$(-13.67-14.95) \times (78.85+78.80) / 2$	100.90		
			$(-17.09-13.67) \times (77.85+77.85) / 2$	-266.25		
V-14		03	$(-13.14-13.67) \times (78.87+78.85) / 2$	41.80	2.88	
284.29			$(-10.61-13.14) \times (78.95+78.87) / 2$	199.64		
			$(-7.33-10.61) \times (79.06+78.95) / 2$	259.14		
			$(-6.28-7.33) \times (79.10+79.06) / 2$	83.03		
			$(-4.16-6.28) \times (79.16+79.10) / 2$	167.76		
			$(-3.94-4.16) \times (79.45+79.16) / 2$	17.45		
			$(-3.63-3.94) \times (79.85+79.45) / 2$	24.69		
			$(-13.67-3.63) \times (78.85+78.85) / 2$	-791.65		
V-14		04	$(-3.62-3.63) \times (79.87+79.85) / 2$	0.80	1.86	
284.29			$(-3.50-3.62) \times (80.00+79.87) / 2$	9.59		
			$(-3.14-3.50) \times (80.32+80.00) / 2$	28.86		
			$(-0.18-3.14) \times (80.49+80.32) / 2$	238.00		
			$(5.87-0.18) \times (80.75+80.49) / 2$	487.75		
			$(6.66-5.87) \times (80.81+80.75) / 2$	63.82		
			$(6.84-6.66) \times (80.79+80.81) / 2$	14.54		
			$(6.88-6.84) \times (80.85+80.79) / 2$	3.23		
			$(-3.63-6.88) \times (79.85+79.85) / 2$	-839.22		
V-14		05	$(7.20-6.88) \times (81.33+80.85) / 2$	25.95	7.37	
284.29			$(7.25-7.20) \times (81.38+81.33) / 2$	4.07		
			$(7.62-7.25) \times (81.85+81.38) / 2$	30.20		
			$(6.88-7.62) \times (80.85+80.85) / 2$	-59.83		
V-15		01	$(-14.39-15.18) \times (77.82+76.87) / 2$	61.10	0.39	
309.29			$(-14.06-14.39) \times (77.87+77.82) / 2$	25.69		
			$(-15.18-14.06) \times (76.87+76.87) / 2$	-86.09		
V-15		02	$(-11.51-14.06) \times (78.31+77.87) / 2$	199.13	0.70	
309.29			$(-8.44-11.51) \times (78.65+78.31) / 2$	240.93		
			$(-3.10-8.44) \times (78.80+78.65) / 2$	420.39		
			$(-2.39-3.10) \times (78.66+78.80) / 2$	55.90		
			$(-1.98-2.39) \times (78.87+78.66) / 2$	32.29		
			$(-14.06-1.98) \times (77.87+77.87) / 2$	-940.67		
V-15		03	$(-0.19-1.98) \times (79.81+78.87) / 2$	142.02	7.97	
309.29			$(0.02-0.19) \times (79.83+79.81) / 2$	16.76		
			$(0.35-0.02) \times (79.87+79.83) / 2$	26.35		
			$(-1.98-0.35) \times (78.87+78.87) / 2$	-183.77		
					1.36	
A RIPORTARE mq						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
				RIPORTO mq		
V-15	04		$(1.14-0.35) \times (79.97+79.87) / 2$	63.14		
309.29			$(7.00-1.14) \times (80.46+79.97) / 2$	470.06		
			$(0.35-7.00) \times (79.87+79.87) / 2$	-531.14		2.06
V-16	01		$(-3.98-4.78) \times (79.56+78.71) / 2$	63.31		
334.30			$(-3.85-3.98) \times (79.71+79.56) / 2$	10.35		
			$(-4.78-3.85) \times (78.71+78.71) / 2$	-73.20		0.46
V-16	02		$(-3.72-3.85) \times (79.87+79.71) / 2$	10.37		
334.30			$(-3.58-3.72) \times (80.00+79.87) / 2$	11.19		
			$(-3.46-3.58) \times (80.24+80.00) / 2$	9.61		
			$(2.24-3.46) \times (80.69+80.24) / 2$	458.65		
			$(2.53-2.24) \times (80.71+80.69) / 2$	23.40		
			$(-3.85-2.53) \times (79.71+79.71) / 2$	-508.55		4.67
V-16	03		$(3.76-2.53) \times (80.81+80.71) / 2$	99.33		
334.30			$(4.71-3.76) \times (81.00+80.81) / 2$	76.86		
			$(7.22-4.71) \times (81.54+81.00) / 2$	203.99		
			$(2.53-7.22) \times (80.71+80.71) / 2$	-378.53		1.65
V-17	01		$(-2.75-3.59) \times (79.90+78.93) / 2$	66.71		
359.45			$(-2.74-2.75) \times (79.93+79.90) / 2$	0.80		
			$(-3.59-2.74) \times (78.93+78.93) / 2$	-67.09		0.42
V-17	02		$(-2.53-2.74) \times (80.77+79.93) / 2$	16.87		
359.45			$(-1.11-2.53) \times (80.80+80.77) / 2$	114.71		
			$(0.09-1.11) \times (80.93+80.80) / 2$	97.04		
			$(-2.74-0.09) \times (79.93+79.93) / 2$	-226.20		2.42
V-17	03		$(8.02-0.09) \times (81.80+80.93) / 2$	645.22		
359.45			$(8.72-8.02) \times (81.93+81.80) / 2$	57.31		
			$(0.09-8.72) \times (80.93+80.93) / 2$	-698.43		4.10
V-17	04		$(9.20-8.72) \times (82.02+81.93) / 2$	39.35		
359.45			$(8.72-9.20) \times (81.93+81.93) / 2$	-39.33		0.02
V-18	01		$(-1.23-1.83) \times (79.87+79.29) / 2$	47.75		
373.08			$(-0.89-1.23) \times (80.29+79.87) / 2$	27.23		
			$(-1.83-0.89) \times (79.29+79.29) / 2$	-74.53		0.45
V-18	02		$(-0.57-0.89) \times (80.70+80.29) / 2$	25.76		
373.08			$(1.22-0.57) \times (80.80+80.70) / 2$	144.54		
			$(4.07-1.22) \times (81.29+80.80) / 2$	230.98		
			$(-0.89-4.07) \times (80.29+80.29) / 2$	-398.24		3.04
V-18	03		$(7.04-4.07) \times (81.80+81.29) / 2$	242.19		
373.08			$(11.29-7.04) \times (82.29+81.80) / 2$	348.69		
			$(4.07-11.29) \times (81.29+81.29) / 2$	-586.91		3.97
V-18	04		$(12.78-11.29) \times (82.46+82.29) / 2$	122.74		
373.08			$(11.29-12.78) \times (82.29+82.29) / 2$	-122.61		
				A RIPORTARE mq		
				0.13		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				0.13		
V-19	01		$(-0.12-0.63) \times (79.93+79.36) / 2$	40.62	0.13	
389.41			$(0.16-0.12) \times (80.36+79.93) / 2$	22.44		
			$(-0.63-0.16) \times (79.36+79.36) / 2$	-62.69		
V-19	02		$(0.42-0.16) \times (80.74+80.36) / 2$	20.94	0.37	
389.41			$(2.88-0.42) \times (80.85+80.74) / 2$	198.76		
			$(6.05-2.88) \times (81.36+80.85) / 2$	257.10		
			$(0.16-6.05) \times (80.36+80.36) / 2$	-473.32		
V-19	03		$(9.16-6.05) \times (81.85+81.36) / 2$	253.79	3.48	
389.41			$(13.42-9.16) \times (82.36+81.85) / 2$	349.77		
			$(6.05-13.42) \times (81.36+81.36) / 2$	-599.62		
V-19	04		$(15.65-13.42) \times (82.62+82.36) / 2$	183.95	3.94	
389.41			$(13.42-15.65) \times (82.36+82.36) / 2$	-183.66		
V-20	01		$(14.58-7.11) \times (81.80+80.80) / 2$	607.31	0.29	
409.82			$(7.11-14.58) \times (80.80+80.80) / 2$	-603.58		
V-20	02		$(15.40-14.58) \times (81.91+81.80) / 2$	67.12	3.73	
409.82			$(14.58-15.40) \times (81.80+81.80) / 2$	-67.08		
V-21	01		$(10.20-8.99) \times (80.86+80.12) / 2$	97.39	0.04	
419.80			$(10.34-10.20) \times (81.12+80.86) / 2$	11.34		
			$(8.99-10.34) \times (80.12+80.12) / 2$	-108.16		
V-21	02		$(10.49-10.34) \times (81.41+81.12) / 2$	12.19	0.57	
419.80			$(14.32-10.49) \times (81.74+81.41) / 2$	312.43		
			$(10.34-14.32) \times (81.12+81.12) / 2$	-322.86		
					1.76	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE		Foglio n. 23	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
V-5	a1	$^1((-4.54-2.46)^2+(83.66-83.66)^2)$	2.08		
58.32		$^1((-12.44-4.54)^2+(79.14-83.66)^2)$	9.10		
V-6	a2	$^1((-29.88-28.58)^2+(82.94-82.94)^2)$	1.30	11.18	
83.48		$^1((-32.12-29.88)^2+(81.66-82.94)^2)$	2.58		
V-6	a1	$^1((6.69-7.22)^2+(83.73-84.04)^2)$	0.61	3.88	
83.48		$^1((6.02-6.69)^2+(83.73-83.73)^2)$	0.67		
V-7	a1	$^1((-23.00-21.70)^2+(82.97-82.97)^2)$	1.30	1.28	
108.61		$^1((-25.36-23.00)^2+(81.61-82.97)^2)$	2.72		
V-7	a2	$^1((7.34-6.02)^2+(83.58-83.58)^2)$	1.32	4.02	
V-8	a2	$^1((-23.00-21.70)^2+(82.81-82.81)^2)$	1.30	1.32	
133.73		$^1((-25.29-23.00)^2+(81.50-82.81)^2)$	2.64		
V-8	a1	$^1((7.35-6.02)^2+(83.43-83.43)^2)$	1.33	3.94	
V-9	a2	$^1((-23.00-21.70)^2+(82.66-82.66)^2)$	1.30	1.33	
158.83		$^1((-25.19-23.00)^2+(81.41-82.66)^2)$	2.52		
V-9	a1	$^1((7.36-6.02)^2+(83.28-83.28)^2)$	1.34	3.82	
V-10	a2	$^1((-23.00-21.70)^2+(82.51-82.51)^2)$	1.30	1.34	
183.96		$^1((-25.05-23.00)^2+(81.34-82.51)^2)$	2.36		
V-10	a1	$^1((7.37-6.02)^2+(83.13-83.13)^2)$	1.35	3.66	
V-11	a2	$^1((-23.00-21.70)^2+(82.36-82.36)^2)$	1.30	1.35	
209.08		$^1((-24.91-23.00)^2+(81.27-82.36)^2)$	2.20		
V-11	a1	$^1((7.38-6.02)^2+(82.98-82.98)^2)$	1.36	3.50	
V-12	a2	$^1((-23.00-21.70)^2+(82.21-82.21)^2)$	1.30	1.36	
234.18		$^1((-24.78-23.00)^2+(81.19-82.21)^2)$	2.05		
V-12	a1	$^1((7.38-6.02)^2+(82.83-82.83)^2)$	1.36	3.35	
V-13	a2	$^1((-23.00-21.70)^2+(82.06-82.06)^2)$	1.30	1.36	
259.28		$^1((-24.65-23.00)^2+(81.12-82.06)^2)$	1.90		
V-13	a1	$^1((7.28-6.02)^2+(82.68-82.68)^2)$	1.26	3.20	
V-14	a2	$^1((-23.00-21.70)^2+(81.93-81.93)^2)$	1.30	1.26	
284.29		$^1((-24.64-23.00)^2+(80.99-81.93)^2)$	1.89		
V-14	a1	$^1((7.09-6.02)^2+(82.55-82.55)^2)$	1.07	3.19	
V-15	a2	$^1((-18.84-17.54)^2+(82.03-82.03)^2)$	1.30	1.07	
309.29		$^1((-20.62-18.84)^2+(81.02-82.03)^2)$	2.05		
V-15	a1	$^1((6.98-6.02)^2+(82.55-82.55)^2)$	0.96	3.35	
A RIPORTARE ml			0.96		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE		Foglio n. 24	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			0.96		
V-16	a1	$1((-18.53-22.74)^2+(79.01-81.42)^2)$	4.85	0.96	
334.30		$1((-10.88-18.53)^2+(79.01-79.01)^2)$	7.65		
		$1((-4.75-10.88)^2+(82.52-79.01)^2)$	7.06		
		$1((-3.45-4.75)^2+(82.52-82.52)^2)$	1.30		
V-16	a2	$1((7.18-6.02)^2+(82.68-82.68)^2)$	1.16	20.86	
V-17	a1	$1((-3.00-1.70)^2+(82.71-82.71)^2)$	1.30	1.16	
359.45		$1((-9.47-3.00)^2+(79.02-82.71)^2)$	7.45		
V-17	a2	$1((9.16-6.02)^2+(82.83-82.83)^2)$	3.14	8.75	
V-18	a1	$1((12.76-6.02)^2+(83.01-83.01)^2)$	6.74	3.14	
V-18	a2	$1((-3.00-1.70)^2+(82.89-82.89)^2)$	1.30	6.74	
373.08		$1((-3.50-3.00)^2+(82.60-82.89)^2)$	0.58		
		$1((-8.70-3.50)^2+(82.60-82.60)^2)$	5.20	7.08	
V-19	a1	$1((15.45-6.02)^2+(83.42-83.42)^2)$	9.43	9.43	
V-20	a1	$1((15.37-6.02)^2+(84.22-84.22)^2)$	9.35	9.35	
V-21	a1	$1((14.31-6.02)^2+(84.64-84.64)^2)$	8.29	8.29	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE		Foglio n. 25	
SCOTICO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
V-1	c1	$^1((6.77-4.52)^2+(82.34-82.12)^2)$	2.26		
V-2	c1	$^1((3.80-0.00)^2+(79.69-79.49)^2)$	3.81	2.26	
V-4	c1	$^1((5.19-2.20)^2+(79.80-79.06)^2)$	7.43	3.81	
V-5	c1	$^1((-5.44-11.77)^2+(79.34-78.98)^2)$	6.34	7.43	
V-5	c2	$^1((-4.87-5.43)^2+(79.80-79.72)^2)$	0.57	6.34	
58.32		$^1((6.05-4.87)^2+(80.80-79.80)^2)$	10.97		
V-6	c1	$^1((-17.51-28.58)^2+(78.13-78.19)^2)$	11.07	11.54	
83.48		$^1((-16.70-17.51)^2+(78.80-78.13)^2)$	1.05		
		$^1((-15.47-16.70)^2+(79.80-78.80)^2)$	1.59		
		$^1((-14.96-15.47)^2+(80.07-79.80)^2)$	0.58		
		$^1((-9.09-14.96)^2+(80.80-80.07)^2)$	5.92		
		$^1((2.20-9.09)^2+(81.26-80.80)^2)$	11.30	31.51	
V-7	c1	$^1((-20.09-25.36)^2+(77.20-76.65)^2)$	5.30		
108.61		$^1((-20.04-20.09)^2+(75.56-77.20)^2)$	1.64		
		$^1((-19.09-20.04)^2+(75.79-75.56)^2)$	0.98		
		$^1((-18.73-19.09)^2+(75.49-75.79)^2)$	0.47		
		$^1((-15.36-18.73)^2+(75.81-75.49)^2)$	3.39		
		$^1((-14.11-15.36)^2+(76.02-75.81)^2)$	1.27		
		$^1((-13.52-14.11)^2+(76.22-76.02)^2)$	0.62	13.67	
V-7	c2	$^1((0.14-0.00)^2+(81.80-81.79)^2)$	0.14		
108.61		$^1((7.34-0.14)^2+(82.49-81.80)^2)$	7.23	7.37	
V-8	c1	$^1((-16.24-25.29)^2+(78.71-77.85)^2)$	9.09		
133.73		$^1((-16.01-16.24)^2+(78.80-78.71)^2)$	0.25		
		$^1((-15.29-16.01)^2+(79.36-78.80)^2)$	0.91		
		$^1((-8.47-15.29)^2+(79.80-79.36)^2)$	6.83		
		$^1((6.23-8.47)^2+(80.80-79.80)^2)$	14.73		
		$^1((6.86-6.23)^2+(80.70-80.80)^2)$	0.64		
		$^1((7.35-6.86)^2+(81.15-80.70)^2)$	0.67	33.12	
V-9	c1	$^1((-24.24-25.19)^2+(75.54-75.48)^2)$	0.95		
158.83		$^1((-23.81-24.24)^2+(75.81-75.54)^2)$	0.51		
		$^1((-23.33-23.81)^2+(76.19-75.81)^2)$	0.61		
		$^1((-16.14-23.33)^2+(76.80-76.19)^2)$	7.22		
		$^1((-15.73-16.14)^2+(76.80-76.80)^2)$	0.41		
		$^1((-14.90-15.73)^2+(77.80-76.80)^2)$	1.30		
		$^1((-14.68-14.90)^2+(77.91-77.80)^2)$	0.25		
		$^1((-1.77-14.68)^2+(78.80-77.91)^2)$	12.94		
		$^1((-1.70-1.77)^2+(78.83-78.80)^2)$	0.08		
		$^1((-0.86-1.70)^2+(79.84-78.83)^2)$	1.31		
		$^1((0.70-0.86)^2+(79.80-79.84)^2)$	1.56		
		$^1((3.10-0.70)^2+(80.09-79.80)^2)$	2.42		
		$^1((3.16-3.10)^2+(80.10-80.09)^2)$	0.06		
		$^1((3.46-3.16)^2+(80.80-80.10)^2)$	0.76		
		$^1((3.69-3.46)^2+(81.80-80.80)^2)$	1.03		
		$^1((3.85-3.69)^2+(81.80-81.80)^2)$	0.16		
A RIPORTARE ml			31.57		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE		Foglio n. 26	
SCOTICO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			31.57		
		$^1((7.36-3.85)^2+(81.80-81.80)^2)$	3.51		
V-10	c1	$^1((-22.86-25.05)^2+(75.81-75.48)^2)$	2.21	35.08	
183.96		$^1((-21.97-22.86)^2+(76.15-75.81)^2)$	0.95		
		$^1((-13.80-21.97)^2+(76.80-76.15)^2)$	8.20		
		$^1((-13.07-13.80)^2+(77.10-76.80)^2)$	0.79		
		$^1((-12.25-13.07)^2+(77.80-77.10)^2)$	1.08		
		$^1((-12.15-12.25)^2+(78.02-77.80)^2)$	0.24		
		$^1((-8.74-12.15)^2+(78.80-78.02)^2)$	3.50		
		$^1((-2.66-8.74)^2+(79.26-78.80)^2)$	6.10		
		$^1((-2.13-2.66)^2+(79.88-79.26)^2)$	0.82		
		$^1((-2.09-2.13)^2+(79.80-79.88)^2)$	0.09		
		$^1((5.31-2.09)^2+(80.25-79.80)^2)$	7.41		
		$^1((5.65-5.31)^2+(80.80-80.25)^2)$	0.65		
		$^1((5.85-5.65)^2+(81.47-80.80)^2)$	0.70		
		$^1((7.37-5.85)^2+(81.52-81.47)^2)$	1.52		
V-11	c1	$^1((-18.71-24.91)^2+(76.80-76.03)^2)$	6.25	34.26	
V-11	c2	$^1((3.11-2.94)^2+(80.80-80.71)^2)$	0.19	6.25	
209.08		$^1((3.57-3.11)^2+(81.80-80.80)^2)$	1.10		
		$^1((4.21-3.57)^2+(81.80-81.80)^2)$	0.64		
		$^1((7.38-4.21)^2+(81.80-81.80)^2)$	3.17		
V-12	c1	$^1((7.38-6.02)^2+(82.24-82.24)^2)$	1.36	5.10	
V-12	c2	$^1((-16.37-24.78)^2+(76.80-76.19)^2)$	8.43	1.36	
V-13	c1	$^1((-18.10-24.65)^2+(76.80-76.64)^2)$	6.55	8.43	
259.28		$^1((-17.68-18.10)^2+(76.76-76.80)^2)$	0.42		
V-14	c1	$^1((-23.03-24.64)^2+(76.54-76.45)^2)$	1.61	6.97	
284.29		$^1((-18.01-23.03)^2+(76.80-76.54)^2)$	5.03		
V-15	c1	$^1((-16.65-20.62)^2+(76.67-76.40)^2)$	3.98	6.64	
309.29		$^1((-15.33-16.65)^2+(76.80-76.67)^2)$	1.33		
V-16	c1	$^1((-9.86-10.38)^2+(78.76-78.75)^2)$	0.52	5.31	
334.30		$^1((-7.43-9.86)^2+(78.80-78.76)^2)$	2.43		
		$^1((-5.93-7.43)^2+(78.71-78.80)^2)$	1.50		
		$^1((-4.93-5.93)^2+(78.65-78.71)^2)$	1.00		
V-16	c2	$^1((-17.55-22.74)^2+(77.15-77.06)^2)$	5.19	5.45	
334.30		$^1((-17.11-17.55)^2+(77.58-77.15)^2)$	0.62		
		$^1((-16.87-17.11)^2+(77.80-77.58)^2)$	0.33		
		$^1((-16.52-16.87)^2+(78.14-77.80)^2)$	0.49		
		$^1((-16.12-16.52)^2+(78.51-78.14)^2)$	0.54		
V-17	c1	$^1((-3.75-8.84)^2+(78.86-78.82)^2)$	5.09	7.17	
V-18	c1	$^1((-7.28-8.70)^2+(78.80-78.79)^2)$	1.42	5.09	
A RIPORTARE ml			1.42		

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml				1.42		
373.08			$\sqrt{(-1.96-7.28)^2+(79.23-78.80)^2}$	5.34	6.76	
V-19	c1		$\sqrt{(-0.78-2.31)^2+(79.29-79.21)^2}$	1.53	1.53	
V-20	c1		$\sqrt{(7.08-0.51)^2+(80.80-79.91)^2}$	7.64	7.64	
V-21	c1		$\sqrt{(8.89-0.00)^2+(80.09-79.81)^2}$	8.89	8.89	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE		Foglio n. 28	
SCOTICO SU GRADONATURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
V-1	e1	$^1((1.11-0.01)^2+(80.13-80.05)^2)$	1.10		
0.00		$^1((2.61-1.11)^2+(80.82-80.13)^2)$	1.65		
		$^1((4.43-2.61)^2+(81.85-80.82)^2)$	2.09		
		$^1((4.68-4.43)^2+(82.20-81.85)^2)$	0.43		
				5.27	
V-2	e1	$^1((4.42-3.84)^2+(79.81-79.70)^2)$	0.59		
7.89		$^1((6.00-4.42)^2+(80.83-79.81)^2)$	1.88		
		$^1((6.12-6.00)^2+(80.89-80.83)^2)$	0.13		
		$^1((6.87-6.12)^2+(81.28-80.89)^2)$	0.85		
				3.45	
V-3	e1	$^1((1.86-0.52)^2+(77.81-77.07)^2)$	2.49		
27.25		$^1((5.16-1.86)^2+(78.54-77.81)^2)$	3.38		
		$^1((6.13-5.16)^2+(79.12-78.54)^2)$	1.13		
		$^1((6.88-6.13)^2+(79.57-79.12)^2)$	0.87		
				7.87	
V-4	e1	$^1((6.16-5.33)^2+(80.63-79.85)^2)$	1.14		
38.04		$^1((6.39-6.16)^2+(80.84-80.63)^2)$	0.31		
		$^1((6.89-6.39)^2+(81.20-80.84)^2)$	0.62		
				2.07	
V-5	e1	$^1((6.35-6.25)^2+(81.86-80.98)^2)$	0.89		
58.32		$^1((6.94-6.35)^2+(82.12-81.86)^2)$	0.64		
				1.53	
V-6	e1	$^1((-30.47-32.12)^2+(76.26-76.22)^2)$	1.65		
83.48		$^1((-29.62-30.47)^2+(76.85-76.26)^2)$	1.03		
		$^1((-28.85-29.62)^2+(77.86-76.85)^2)$	1.27		
		$^1((-28.45-28.85)^2+(78.24-77.86)^2)$	0.55		
				4.50	
V-6	e2	$^1((3.29-2.30)^2+(81.84-81.28)^2)$	1.14		
83.48		$^1((4.33-3.29)^2+(82.82-81.84)^2)$	1.43		
				2.57	
V-7	e1	$^1((-11.71-13.52)^2+(76.82-76.22)^2)$	1.91		
108.61		$^1((-9.96-11.71)^2+(77.81-76.82)^2)$	2.01		
		$^1((-8.51-9.96)^2+(78.15-77.81)^2)$	1.49		
		$^1((-8.28-8.51)^2+(78.85-78.15)^2)$	0.74		
		$^1((-6.03-8.28)^2+(79.82-78.85)^2)$	2.45		
		$^1((-5.19-6.03)^2+(80.20-79.82)^2)$	0.92		
		$^1((-1.40-5.19)^2+(80.82-80.20)^2)$	3.84		
		$^1((-1.37-1.40)^2+(80.92-80.82)^2)$	0.10		
		$^1((-0.55-1.37)^2+(81.72-80.92)^2)$	1.15		
		$^1((0.02-0.55)^2+(81.79-81.72)^2)$	0.57		
				15.18	
V-11	e1	$^1((-10.70-18.68)^2+(77.81-76.80)^2)$	8.04		
209.08		$^1((-9.55-10.70)^2+(78.86-77.81)^2)$	1.56		
		$^1((-9.29-9.55)^2+(79.15-78.86)^2)$	0.39		
		$^1((-8.45-9.29)^2+(79.89-79.15)^2)$	1.12		
		$^1((-8.34-8.45)^2+(80.25-79.89)^2)$	0.38		
		$^1((2.95-8.34)^2+(80.71-80.25)^2)$	11.30		
				22.79	
V-12	e1	$^1((-15.73-16.19)^2+(77.88-76.91)^2)$	1.07		
234.18		$^1((-14.79-15.73)^2+(78.81-77.88)^2)$	1.32		
		$^1((-5.79-14.79)^2+(79.80-78.81)^2)$	9.05		
		$^1((-5.06-5.79)^2+(79.71-79.80)^2)$	0.74		
		$^1((-4.27-5.06)^2+(80.63-79.71)^2)$	1.21		
		A RIPORTARE ml	13.39		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE		Foglio n. 29	
SCOTICO SU GRADONATURA					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.			ml	ml	
RIPORTO ml			13.39		
		$\sqrt{(-3.61-4.27)^2+(80.80-80.63)^2}$	0.68		
		$\sqrt{(5.17-3.61)^2+(81.55-80.80)^2}$	8.81		
V-13	e1	$\sqrt{(-16.95-17.50)^2+(77.87-76.87)^2}$	1.14	22.88	
259.28		$\sqrt{(-15.81-16.95)^2+(78.85-77.87)^2}$	1.50		
		$\sqrt{(-15.49-15.81)^2+(79.15-78.85)^2}$	0.44		
		$\sqrt{(-5.23-15.49)^2+(79.49-79.15)^2}$	10.27		
		$\sqrt{(-5.05-5.23)^2+(79.89-79.49)^2}$	0.44		
		$\sqrt{(-4.22-5.05)^2+(80.73-79.89)^2}$	1.18		
		$\sqrt{(-2.31-4.22)^2+(80.80-80.73)^2}$	1.91		
		$\sqrt{(5.22-2.31)^2+(81.02-80.80)^2}$	7.53		
		$\sqrt{(5.98-5.22)^2+(81.91-81.02)^2}$	1.17		
		$\sqrt{(6.08-5.98)^2+(82.37-81.91)^2}$	0.47		
V-14	e1	$\sqrt{(-17.43-17.88)^2+(77.23-76.85)^2}$	0.59	26.05	
284.29		$\sqrt{(-17.07-17.43)^2+(77.89-77.23)^2}$	0.75		
		$\sqrt{(-16.79-17.07)^2+(78.31-77.89)^2}$	0.50		
		$\sqrt{(-16.56-16.79)^2+(78.66-78.31)^2}$	0.42		
		$\sqrt{(-15.67-16.56)^2+(78.73-78.66)^2}$	0.89		
		$\sqrt{(-15.17-15.67)^2+(78.77-78.73)^2}$	0.50		
		$\sqrt{(-14.95-15.17)^2+(78.80-78.77)^2}$	0.22		
		$\sqrt{(-13.14-14.95)^2+(78.87-78.80)^2}$	1.81		
		$\sqrt{(-10.61-13.14)^2+(78.95-78.87)^2}$	2.53		
		$\sqrt{(-7.33-10.61)^2+(79.06-78.95)^2}$	3.28		
		$\sqrt{(-6.28-7.33)^2+(79.10-79.06)^2}$	1.05		
		$\sqrt{(-4.16-6.28)^2+(79.16-79.10)^2}$	2.12		
		$\sqrt{(-3.94-4.16)^2+(79.45-79.16)^2}$	0.36		
		$\sqrt{(-3.62-3.94)^2+(79.87-79.45)^2}$	0.53		
		$\sqrt{(-3.50-3.62)^2+(80.00-79.87)^2}$	0.18		
		$\sqrt{(-3.14-3.50)^2+(80.32-80.00)^2}$	0.48		
		$\sqrt{(-0.18-3.14)^2+(80.49-80.32)^2}$	2.96		
		$\sqrt{(5.87-0.18)^2+(80.75-80.49)^2}$	6.06		
		$\sqrt{(6.66-5.87)^2+(80.81-80.75)^2}$	0.79		
		$\sqrt{(6.84-6.66)^2+(80.79-80.81)^2}$	0.18		
		$\sqrt{(7.20-6.84)^2+(81.33-80.79)^2}$	0.65		
		$\sqrt{(7.25-7.20)^2+(81.38-81.33)^2}$	0.07		
		$\sqrt{(7.64-7.25)^2+(81.87-81.38)^2}$	0.63		
V-15	e1	$\sqrt{(-14.39-15.18)^2+(77.82-76.87)^2}$	1.24	27.55	
309.29		$\sqrt{(-11.51-14.39)^2+(78.31-77.82)^2}$	2.92		
		$\sqrt{(-8.44-11.51)^2+(78.65-78.31)^2}$	3.09		
		$\sqrt{(-3.10-8.44)^2+(78.80-78.65)^2}$	5.34		
		$\sqrt{(-2.39-3.10)^2+(78.66-78.80)^2}$	0.72		
		$\sqrt{(-0.19-2.39)^2+(79.81-78.66)^2}$	2.48		
		$\sqrt{(0.02-0.19)^2+(79.83-79.81)^2}$	0.21		
		$\sqrt{(1.14-0.02)^2+(79.97-79.83)^2}$	1.13		
		$\sqrt{(7.00-1.14)^2+(80.46-79.97)^2}$	5.88		
V-16	e1	$\sqrt{(-3.98-4.78)^2+(79.56-78.71)^2}$	1.17	23.01	
334.30		$\sqrt{(-3.72-3.98)^2+(79.87-79.56)^2}$	0.40		
		$\sqrt{(-3.58-3.72)^2+(80.00-79.87)^2}$	0.19		
A RIPORTARE ml			1.76		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

CALCOLO DELLE LUNGHEZZE		Foglio n. 30	
SCOTICO SU GRADONATURA			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	1.76
		$^1((-3.46-3.58)^2+(80.24-80.00)^2)$	0.27
		$^1((2.24-3.46)^2+(80.69-80.24)^2)$	5.72
		$^1((3.76-2.24)^2+(80.81-80.69)^2)$	1.52
		$^1((4.71-3.76)^2+(81.00-80.81)^2)$	0.97
		$^1((7.22-4.71)^2+(81.54-81.00)^2)$	2.57
V-17	e1	$^1((-2.75-3.59)^2+(79.90-78.93)^2)$	1.28
359.45		$^1((-2.53-2.75)^2+(80.77-79.90)^2)$	0.90
		$^1((-1.11-2.53)^2+(80.80-80.77)^2)$	1.42
		$^1((8.02-1.11)^2+(81.80-80.80)^2)$	9.18
		$^1((9.20-8.02)^2+(82.02-81.80)^2)$	1.20
V-18	e1	$^1((-1.23-1.83)^2+(79.87-79.29)^2)$	0.83
373.08		$^1((-0.57-1.23)^2+(80.70-79.87)^2)$	1.06
		$^1((1.22-0.57)^2+(80.80-80.70)^2)$	1.79
		$^1((7.04-1.22)^2+(81.80-80.80)^2)$	5.91
		$^1((12.78-7.04)^2+(82.46-81.80)^2)$	5.78
V-19	e1	$^1((-0.12-0.63)^2+(79.93-79.36)^2)$	0.76
389.41		$^1((0.42-0.12)^2+(80.74-79.93)^2)$	0.97
		$^1((2.88-0.42)^2+(80.85-80.74)^2)$	2.46
		$^1((9.16-2.88)^2+(81.85-80.85)^2)$	6.36
		$^1((15.65-9.16)^2+(82.62-81.85)^2)$	6.54
V-20	e1	$^1((15.40-7.11)^2+(81.91-80.80)^2)$	8.36
V-21	e1	$^1((10.20-8.99)^2+(80.86-80.12)^2)$	1.42
419.80		$^1((10.49-10.20)^2+(81.41-80.86)^2)$	0.62
		$^1((14.32-10.49)^2+(81.74-81.41)^2)$	3.84
			5.88
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE		Foglio n. 31	
BONIFICA RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
V-1	f1	$^1((6.77-4.52)^2+(82.34-82.12)^2)$	2.26		
V-2	f1	$^1((3.80-0.00)^2+(79.69-79.49)^2)$	3.81	2.26	
V-4	f1	$^1((5.19-2.20)^2+(79.80-79.06)^2)$	7.43	3.81	
V-5	f1	$^1((-5.44-11.77)^2+(79.34-78.98)^2)$	6.34	7.43	
V-5	f2	$^1((-4.87-5.43)^2+(79.80-79.72)^2)$	0.57	6.34	
58.32		$^1((6.05-4.87)^2+(80.80-79.80)^2)$	10.97		
V-6	f1	$^1((-17.51-28.58)^2+(78.13-78.19)^2)$	11.07	11.54	
83.48		$^1((-16.70-17.51)^2+(78.80-78.13)^2)$	1.05		
		$^1((-15.47-16.70)^2+(79.80-78.80)^2)$	1.59		
		$^1((-14.96-15.47)^2+(80.07-79.80)^2)$	0.58		
		$^1((-9.09-14.96)^2+(80.80-80.07)^2)$	5.92		
		$^1((2.20-9.09)^2+(81.26-80.80)^2)$	11.30	31.51	
V-7	f1	$^1((-20.09-25.36)^2+(77.20-76.65)^2)$	5.30		
108.61		$^1((-20.04-20.09)^2+(75.56-77.20)^2)$	1.64		
		$^1((-19.09-20.04)^2+(75.79-75.56)^2)$	0.98		
		$^1((-18.73-19.09)^2+(75.49-75.79)^2)$	0.47		
		$^1((-15.36-18.73)^2+(75.81-75.49)^2)$	3.39		
		$^1((-14.11-15.36)^2+(76.02-75.81)^2)$	1.27		
		$^1((-13.52-14.11)^2+(76.22-76.02)^2)$	0.62	13.67	
V-7	f2	$^1((0.14-0.00)^2+(81.80-81.79)^2)$	0.14		
108.61		$^1((7.34-0.14)^2+(82.49-81.80)^2)$	7.23	7.37	
V-8	f1	$^1((-16.24-25.29)^2+(78.71-77.85)^2)$	9.09		
133.73		$^1((-16.01-16.24)^2+(78.80-78.71)^2)$	0.25		
		$^1((-15.29-16.01)^2+(79.36-78.80)^2)$	0.91		
		$^1((-8.47-15.29)^2+(79.80-79.36)^2)$	6.83		
		$^1((6.23-8.47)^2+(80.80-79.80)^2)$	14.73		
		$^1((6.86-6.23)^2+(80.70-80.80)^2)$	0.64		
		$^1((7.35-6.86)^2+(81.15-80.70)^2)$	0.67	33.12	
V-9	f1	$^1((-24.24-25.19)^2+(75.54-75.48)^2)$	0.95		
158.83		$^1((-23.81-24.24)^2+(75.81-75.54)^2)$	0.51		
		$^1((-23.33-23.81)^2+(76.19-75.81)^2)$	0.61		
		$^1((-16.14-23.33)^2+(76.80-76.19)^2)$	7.22		
		$^1((-15.73-16.14)^2+(76.80-76.80)^2)$	0.41		
		$^1((-14.90-15.73)^2+(77.80-76.80)^2)$	1.30		
		$^1((-14.68-14.90)^2+(77.91-77.80)^2)$	0.25		
		$^1((-1.77-14.68)^2+(78.80-77.91)^2)$	12.94		
		$^1((-1.70-1.77)^2+(78.83-78.80)^2)$	0.08		
		$^1((-0.86-1.70)^2+(79.84-78.83)^2)$	1.31		
		$^1((0.70-0.86)^2+(79.80-79.84)^2)$	1.56		
		$^1((3.10-0.70)^2+(80.09-79.80)^2)$	2.42		
		$^1((3.16-3.10)^2+(80.10-80.09)^2)$	0.06		
		$^1((3.46-3.16)^2+(80.80-80.10)^2)$	0.76		
		$^1((3.69-3.46)^2+(81.80-80.80)^2)$	1.03		
		$^1((3.85-3.69)^2+(81.80-81.80)^2)$	0.16		
A RIPORTARE ml			31.57		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE		Foglio n. 32	
BONIFICA RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			31.57		
		$^1((7.36-3.85)^2+(81.80-81.80)^2)$	3.51		
V-10	f1	$^1((-22.86-25.05)^2+(75.81-75.48)^2)$	2.21	35.08	
183.96		$^1((-21.97-22.86)^2+(76.15-75.81)^2)$	0.95		
		$^1((-13.80-21.97)^2+(76.80-76.15)^2)$	8.20		
		$^1((-13.07-13.80)^2+(77.10-76.80)^2)$	0.79		
		$^1((-12.25-13.07)^2+(77.80-77.10)^2)$	1.08		
		$^1((-12.15-12.25)^2+(78.02-77.80)^2)$	0.24		
		$^1((-8.74-12.15)^2+(78.80-78.02)^2)$	3.50		
		$^1((-2.66-8.74)^2+(79.26-78.80)^2)$	6.10		
		$^1((-2.13-2.66)^2+(79.88-79.26)^2)$	0.82		
		$^1((-2.09-2.13)^2+(79.80-79.88)^2)$	0.09		
		$^1((5.31-2.09)^2+(80.25-79.80)^2)$	7.41		
		$^1((5.65-5.31)^2+(80.80-80.25)^2)$	0.65		
		$^1((5.85-5.65)^2+(81.47-80.80)^2)$	0.70		
		$^1((7.37-5.85)^2+(81.52-81.47)^2)$	1.52		
V-11	f1	$^1((-18.71-24.91)^2+(76.80-76.03)^2)$	6.25	34.26	
V-11	f2	$^1((3.11-2.94)^2+(80.80-80.71)^2)$	0.19	6.25	
209.08		$^1((3.57-3.11)^2+(81.80-80.80)^2)$	1.10		
		$^1((4.21-3.57)^2+(81.80-81.80)^2)$	0.64		
		$^1((7.38-4.21)^2+(81.80-81.80)^2)$	3.17		
V-12	f2	$^1((-16.37-24.78)^2+(76.80-76.19)^2)$	8.43	5.10	
V-12	f1	$^1((7.38-6.02)^2+(82.24-82.24)^2)$	1.36	8.43	
V-13	f1	$^1((-18.10-24.65)^2+(76.80-76.64)^2)$	6.55	1.36	
259.28		$^1((-17.68-18.10)^2+(76.76-76.80)^2)$	0.42		
V-14	f1	$^1((-23.03-24.64)^2+(76.54-76.45)^2)$	1.61	6.97	
284.29		$^1((-18.01-23.03)^2+(76.80-76.54)^2)$	5.03		
V-15	f1	$^1((-16.65-20.62)^2+(76.67-76.40)^2)$	3.98	6.64	
309.29		$^1((-15.33-16.65)^2+(76.80-76.67)^2)$	1.33		
V-16	f2	$^1((-17.55-22.74)^2+(77.15-77.06)^2)$	5.19	5.31	
334.30		$^1((-17.11-17.55)^2+(77.58-77.15)^2)$	0.62		
		$^1((-16.87-17.11)^2+(77.80-77.58)^2)$	0.33		
		$^1((-16.52-16.87)^2+(78.14-77.80)^2)$	0.49		
		$^1((-16.12-16.52)^2+(78.51-78.14)^2)$	0.54		
V-16	f1	$^1((-9.86-10.38)^2+(78.76-78.75)^2)$	0.52	7.17	
334.30		$^1((-7.43-9.86)^2+(78.80-78.76)^2)$	2.43		
		$^1((-5.93-7.43)^2+(78.71-78.80)^2)$	1.50		
		$^1((-4.93-5.93)^2+(78.65-78.71)^2)$	1.00		
V-17	f1	$^1((-3.75-8.84)^2+(78.86-78.82)^2)$	5.09	5.45	
V-18	f1	$^1((-7.28-8.70)^2+(78.80-78.79)^2)$	1.42	5.09	
A RIPORTARE ml			1.42		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

<i>Rev</i>	<i>Data</i>
F0	20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE	Foglio n. 33
BONIFICA RILEVATO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	1.42
373.08		$\sqrt{(-1.96-7.28)^2+(79.23-78.80)^2}$	5.34
V-19	f1	$\sqrt{(-0.78-2.31)^2+(79.29-79.21)^2}$	6.76
V-20	f1	$\sqrt{(7.08-0.51)^2+(80.80-79.91)^2}$	1.53
V-21	f1	$\sqrt{(8.89-0.00)^2+(80.09-79.81)^2}$	7.64
			8.89
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

CALCOLO DELLE LUNGHEZZE Foglio n. 34

USURA

N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
V-1	g1	$^1((0.00-4.75)^2+(85.24-85.36)^2)$	4.75		
V-2	g1	$^1((4.75-0.00)^2+(85.02-84.86)^2)$	4.75	4.75	
V-3	g1	$^1((4.75-0.58)^2+(84.28-83.97)^2)$	5.34	4.75	
V-4	g1	$^1((4.75-2.20)^2+(84.06-83.59)^2)$	6.97	5.34	
V-5	g1	$^1((-2.26-2.36)^2+(83.51-83.51)^2)$	0.10	6.97	
58.32		$^1((4.84-2.26)^2+(83.69-83.51)^2)$	7.10	7.20	
V-6	g1	$^1((4.99-28.48)^2+(83.63-82.80)^2)$	33.48	33.48	
V-7	g1	$^1((5.00-21.60)^2+(83.48-82.82)^2)$	26.61	26.61	
V-8	g1	$^1((5.00-21.60)^2+(83.33-82.67)^2)$	26.61	26.61	
V-9	g1	$^1((5.00-21.60)^2+(83.18-82.52)^2)$	26.61	26.61	
V-10	g1	$^1((5.00-21.60)^2+(83.03-82.37)^2)$	26.61	26.61	
V-11	g1	$^1((5.00-21.60)^2+(82.88-82.22)^2)$	26.61	26.61	
V-12	g1	$^1((5.00-21.60)^2+(82.73-82.06)^2)$	26.61	26.61	
V-13	g1	$^1((5.00-21.60)^2+(82.58-81.91)^2)$	26.61	26.61	
V-14	g1	$^1((5.00-21.60)^2+(82.45-81.78)^2)$	26.61	26.61	
V-15	g1	$^1((-17.34-17.44)^2+(81.89-81.88)^2)$	0.10	26.61	
309.29		$^1((5.00-17.34)^2+(82.45-81.89)^2)$	22.35	22.45	
V-16	g1	$^1((-3.25-3.49)^2+(82.37-82.37)^2)$	0.24	8.49	
334.30		$^1((5.00-3.25)^2+(82.58-82.37)^2)$	8.25	8.49	
V-17	g1	$^1((-1.50-1.60)^2+(82.57-82.57)^2)$	0.10	0.10	
V-17	g2	$^1((5.00-1.50)^2+(82.73-82.57)^2)$	6.50	6.50	
V-18	g1	$^1((5.00-1.60)^2+(82.91-82.74)^2)$	6.60	6.60	
V-19	g1	$^1((5.00-2.31)^2+(83.32-83.14)^2)$	7.31	7.31	
V-20	g1	$^1((5.00-0.51)^2+(84.12-83.98)^2)$	5.51	5.51	
V-21	g1	$^1((4.99-0.00)^2+(84.54-84.42)^2)$	4.99	4.99	

Il Direttore dei Lavori

L'Impresa

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
V-1	h1		$^1((0.00-4.75)^2+(85.19-85.31)^2)$	4.75		
V-2	h1		$^1((4.75-0.00)^2+(84.97-84.81)^2)$	4.75	4.75	
V-3	h1		$^1((4.75-0.58)^2+(84.23-83.92)^2)$	5.34	4.75	
V-4	h1		$^1((4.75-2.20)^2+(84.01-83.54)^2)$	6.97	5.34	
V-5	h1		$^1((-2.26-2.56)^2+(83.46-83.45)^2)$	0.30	6.97	
58.32			$^1((4.84-2.26)^2+(83.64-83.46)^2)$	7.10	7.40	
V-6	h1		$^1((-28.38-28.68)^2+(82.75-82.74)^2)$	0.30	33.68	
83.48			$^1((4.99-28.38)^2+(83.58-82.75)^2)$	33.38	33.68	
V-7	h1		$^1((-21.50-21.70)^2+(82.77-82.77)^2)$	0.20	26.71	
108.61			$^1((5.00-21.50)^2+(83.43-82.77)^2)$	26.51	26.71	
V-8	h1		$^1((-21.50-21.70)^2+(82.62-82.61)^2)$	0.20	26.71	
133.73			$^1((5.00-21.50)^2+(83.28-82.62)^2)$	26.51	26.71	
V-9	h1		$^1((-21.50-21.70)^2+(82.47-82.46)^2)$	0.20	26.71	
158.83			$^1((5.00-21.50)^2+(83.13-82.47)^2)$	26.51	26.71	
V-10	h1		$^1((-21.50-21.70)^2+(82.32-82.31)^2)$	0.20	26.71	
183.96			$^1((5.00-21.50)^2+(82.98-82.32)^2)$	26.51	26.71	
V-11	h1		$^1((-21.50-21.70)^2+(82.17-82.16)^2)$	0.20	26.71	
209.08			$^1((5.00-21.50)^2+(82.83-82.17)^2)$	26.51	26.71	
V-12	h1		$^1((-21.50-21.70)^2+(82.02-82.01)^2)$	0.20	26.71	
234.18			$^1((5.00-21.50)^2+(82.68-82.02)^2)$	26.51	26.71	
V-13	h1		$^1((-21.50-21.70)^2+(81.87-81.86)^2)$	0.20	26.71	
259.28			$^1((5.00-21.50)^2+(82.53-81.87)^2)$	26.51	26.71	
V-14	h1		$^1((-21.50-21.70)^2+(81.73-81.73)^2)$	0.20	26.71	
284.29			$^1((5.00-21.50)^2+(82.40-81.73)^2)$	26.51	26.71	
V-15	h1		$^1((-17.34-17.54)^2+(81.84-81.83)^2)$	0.20	22.55	
309.29			$^1((5.00-17.34)^2+(82.40-81.84)^2)$	22.35	22.55	
V-16	h1		$^1((-3.25-3.54)^2+(82.32-82.32)^2)$	0.29	8.54	
334.30			$^1((5.00-3.25)^2+(82.53-82.32)^2)$	8.25	8.54	
V-17	h1		$^1((-1.50-1.80)^2+(82.52-82.51)^2)$	0.30	6.80	
359.45			$^1((5.00-1.50)^2+(82.68-82.52)^2)$	6.50	6.80	
V-18	h1		$^1((-1.50-1.70)^2+(82.69-82.69)^2)$	0.20	6.70	
373.08			$^1((5.00-1.50)^2+(82.86-82.69)^2)$	6.50	6.70	
V-19	h1		$^1((5.00-2.31)^2+(83.27-83.09)^2)$	7.31	7.31	
V-20	h1		$^1((5.00-0.51)^2+(84.07-83.93)^2)$	5.51		
A RIPORTARE ml				5.51		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev	Data
F0	20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE	Foglio n. 36		
BINDER					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			5.51		
V-21	h1	$1 \cdot ((4.99-0.00)^2 + (84.49-84.37)^2)$	4.99	5.51 4.99	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
V-1		i1	$^1((0.00-4.75)^2+(85.04-85.16)^2)$	4.75		
V-2		i1	$^1((4.75-0.00)^2+(84.82-84.66)^2)$	4.75	4.75	
V-3		i1	$^1((4.75-0.58)^2+(84.08-83.77)^2)$	5.34	4.75	
V-4		i1	$^1((4.75-2.20)^2+(83.86-83.39)^2)$	6.97	5.34	
V-5		i1	$^1((-2.26-2.71)^2+(83.31-83.30)^2)$	0.45	6.97	
58.32			$^1((4.84-2.26)^2+(83.49-83.31)^2)$	7.10	7.55	
V-6		i1	$^1((-28.38-28.82)^2+(82.60-82.59)^2)$	0.44	33.82	
83.48			$^1((4.99-28.38)^2+(83.43-82.60)^2)$	33.38	33.82	
V-7		i1	$^1((-21.50-21.96)^2+(82.62-82.61)^2)$	0.46	26.97	
108.61			$^1((5.00-21.50)^2+(83.28-82.62)^2)$	26.51	26.97	
V-8		i1	$^1((-21.50-21.96)^2+(82.47-82.46)^2)$	0.46	26.97	
133.73			$^1((5.00-21.50)^2+(83.13-82.47)^2)$	26.51	26.97	
V-9		i1	$^1((-21.50-21.96)^2+(82.32-82.31)^2)$	0.46	26.97	
158.83			$^1((5.00-21.50)^2+(82.98-82.32)^2)$	26.51	26.97	
V-10		i1	$^1((-21.50-21.96)^2+(82.17-82.16)^2)$	0.46	26.97	
183.96			$^1((5.00-21.50)^2+(82.83-82.17)^2)$	26.51	26.97	
V-11		i1	$^1((-21.50-21.96)^2+(82.02-82.01)^2)$	0.46	26.97	
209.08			$^1((5.00-21.50)^2+(82.68-82.02)^2)$	26.51	26.97	
V-12		i1	$^1((-21.50-21.96)^2+(81.87-81.86)^2)$	0.46	26.97	
234.18			$^1((5.00-21.50)^2+(82.53-81.87)^2)$	26.51	26.97	
V-13		i1	$^1((-21.50-21.96)^2+(81.72-81.70)^2)$	0.46	26.97	
259.28			$^1((5.00-21.50)^2+(82.38-81.72)^2)$	26.51	26.97	
V-14		i1	$^1((-21.50-21.96)^2+(81.58-81.57)^2)$	0.46	26.97	
284.29			$^1((5.00-21.50)^2+(82.25-81.58)^2)$	26.51	26.97	
V-15		i1	$^1((-17.34-17.80)^2+(81.69-81.68)^2)$	0.46	22.81	
309.29			$^1((5.00-17.34)^2+(82.25-81.69)^2)$	22.35	22.81	
V-16		i1	$^1((-3.25-3.69)^2+(82.17-82.16)^2)$	0.44	8.69	
334.30			$^1((5.00-3.25)^2+(82.38-82.17)^2)$	8.25	8.69	
V-17		i1	$^1((-1.50-1.94)^2+(82.37-82.36)^2)$	0.44	6.94	
359.45			$^1((5.00-1.50)^2+(82.53-82.37)^2)$	6.50	6.94	
V-18		i1	$^1((-1.50-1.94)^2+(82.54-82.53)^2)$	0.44	6.94	
373.08			$^1((5.00-1.50)^2+(82.71-82.54)^2)$	6.50	6.94	
V-19		i1	$^1((5.00-2.31)^2+(83.12-82.94)^2)$	7.31	7.31	
V-20		i1	$^1((5.00-0.51)^2+(83.92-83.78)^2)$	5.51		
A RIPORTARE ml				5.51		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev	Data
F0	20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE			Foglio n. 38
BASE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			5.51		
V-21	i1	$1 \cdot ((4.99-0.00)^2 + (84.34-84.22)^2)$	4.99	5.51 4.99	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

CALCOLO DELLE LUNGHEZZE		Foglio n. 39	
FONDAZIONE			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
V-1	ml	$^1((0.00-4.75)^2+(84.59-84.71)^2)$	4.75
V-2	ml	$^1((4.75-0.00)^2+(84.37-84.21)^2)$	4.75
V-3	ml	$^1((4.75-0.58)^2+(83.63-83.32)^2)$	5.34
V-4	ml	$^1((4.75-2.20)^2+(83.41-82.94)^2)$	6.97
V-5	ml	$^1((-2.26-3.15)^2+(82.86-82.84)^2)$	0.89
58.32		$^1((4.84-2.26)^2+(83.04-82.86)^2)$	7.10
V-6	ml	$^1((-28.38-29.26)^2+(82.15-82.13)^2)$	0.88
83.48		$^1((4.99-28.38)^2+(82.98-82.15)^2)$	33.38
V-7	ml	$^1((-21.50-22.42)^2+(82.17-82.15)^2)$	0.92
108.61		$^1((5.00-21.50)^2+(82.83-82.17)^2)$	26.51
V-8	ml	$^1((-21.50-22.42)^2+(82.02-82.00)^2)$	0.92
133.73		$^1((5.00-21.50)^2+(82.68-82.02)^2)$	26.51
V-9	ml	$^1((-21.50-22.42)^2+(81.87-81.85)^2)$	0.92
158.83		$^1((5.00-21.50)^2+(82.53-81.87)^2)$	26.51
V-10	ml	$^1((-21.50-22.42)^2+(81.72-81.70)^2)$	0.92
183.96		$^1((5.00-21.50)^2+(82.38-81.72)^2)$	26.51
V-11	ml	$^1((-21.50-22.42)^2+(81.57-81.54)^2)$	0.92
209.08		$^1((5.00-21.50)^2+(82.23-81.57)^2)$	26.51
V-12	ml	$^1((-21.50-22.42)^2+(81.42-81.39)^2)$	0.92
234.18		$^1((5.00-21.50)^2+(82.08-81.42)^2)$	26.51
V-13	ml	$^1((-21.50-22.42)^2+(81.27-81.24)^2)$	0.92
259.28		$^1((5.00-21.50)^2+(81.93-81.27)^2)$	26.51
V-14	ml	$^1((-21.50-22.42)^2+(81.13-81.11)^2)$	0.92
284.29		$^1((5.00-21.50)^2+(81.80-81.13)^2)$	26.51
V-15	ml	$^1((-17.34-18.26)^2+(81.24-81.21)^2)$	0.92
309.29		$^1((5.00-17.34)^2+(81.80-81.24)^2)$	22.35
V-16	ml	$^1((-3.25-4.13)^2+(81.72-81.70)^2)$	0.88
334.30		$^1((5.00-3.25)^2+(81.93-81.72)^2)$	8.25
V-17	ml	$^1((-1.50-2.38)^2+(81.92-81.90)^2)$	0.88
359.45		$^1((5.00-1.50)^2+(82.08-81.92)^2)$	6.50
V-18	ml	$^1((-1.50-2.38)^2+(82.09-82.07)^2)$	0.88
373.08		$^1((5.00-1.50)^2+(82.26-82.09)^2)$	6.50
V-19	ml	$^1((5.00-2.31)^2+(82.67-82.49)^2)$	7.31
V-20	ml	$^1((5.00-0.51)^2+(83.47-83.33)^2)$	5.51
		A RIPORTARE ml	5.51

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev	Data
F0	20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

		CALCOLO DELLE LUNGHEZZE		Foglio n. 40
FONDAZIONE				
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
			RIPORTO ml	5.51
V-21	ml	$1 \cdot ((4.99-0.00)^2 + (83.89-83.77)^2)$	4.99	5.51 4.99
Il Direttore dei Lavori		L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

<i>Rev</i> F0	<i>Data</i> 20/06/2011
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COLLEGAMENTI VERSANTE CALABRIA - ASSE V

DALLA SEZ. DA PROG.		ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
V-4	V-5	V-5	C1		3.21	20.28	10.14	32.549	32.549
V-5	V-6	V-6	C1		3.21	25.16	12.58	40.382	
58.32	83.48	V-6	C1		1.16	25.16	12.58	14.593	
V-6	V-7	V-7	C1		1.16	25.13	12.56	14.570	
83.48	108.61	V-7	C2		1.19	25.13	12.56	14.946	
		V-7	C1		0.40	25.13	12.56	5.024	
V-7	V-8	V-8	C2		1.19	25.12	12.56	14.946	
108.61	133.73	V-8	C1		0.40	25.12	12.56	5.024	
		V-8	C2		1.15	25.12	12.56	14.444	
		V-8	C1		0.40	25.12	12.56	5.024	
V-8	V-9	V-9	C2		1.15	25.10	12.55	14.432	
133.73	158.83	V-9	C1		0.40	25.10	12.55	5.020	
		V-9	C2		1.13	25.10	12.55	14.182	
		V-9	C1		0.41	25.10	12.55	5.146	
V-9	V-10	V-10	C2		1.13	25.13	12.56	14.193	
158.83	183.96	V-10	C1		0.41	25.13	12.56	5.150	
		V-10	C2		1.09	25.13	12.56	13.690	
		V-10	C1		0.41	25.13	12.56	5.150	
V-10	V-11	V-11	C2		1.09	25.12	12.56	13.690	
183.96	209.08	V-11	C1		0.41	25.12	12.56	5.150	
		V-11	C2		1.04	25.12	12.56	13.062	
		V-11	C1		0.41	25.12	12.56	5.150	
V-11	V-12	V-12	C2		1.04	25.10	12.55	13.052	
209.08	234.18	V-12	C1		0.41	25.10	12.55	5.146	
		V-12	C2		0.99	25.10	12.55	12.425	
		V-12	C1		0.41	25.10	12.55	5.146	
V-12	V-13	V-13	C2		0.99	25.10	12.55	12.425	
234.18	259.28	V-13	C1		0.41	25.10	12.55	5.146	
		V-13	C1		0.93	25.10	12.55	11.672	
V-13	V-14	V-14	C1		0.93	25.01	12.51	11.634	
259.28	284.29	V-14	C2		0.93	25.01	12.51	11.634	
		V-14	C1		0.32	25.01	12.51	4.003	
V-14	V-15	V-15	C2		0.93	25.00	12.50	11.625	
284.29	309.29	V-15	C1		0.32	25.00	12.50	4.000	
		V-15	C2		0.98	25.00	12.50	12.250	
		V-15	C1		0.29	25.00	12.50	3.625	
V-15	V-16	V-16	C2		0.98	25.01	12.50	12.250	
309.29	334.30	V-16	C1		0.29	25.01	12.50	3.625	
		V-16	C1		6.25	25.01	12.50	78.125	
		V-16	C2		0.35	25.01	12.50	4.375	
V-16	V-17	V-17	C1		6.25	25.15	12.57	78.563	
								A RIPORTARE mc	497.675

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DEI VOLUMI										Foglio n. 42	
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
A RIPORTARE mc							78.563	497.675			
334.30	359.45	V-16	C2	0.35	25.15	12.57	4.399				
		V-17	C1	0.95	25.15	12.57	11.942				
		V-17	C2	2.56	25.15	12.57	32.179				
									127.083		
V-17	V-18	V-17	C1	0.95	13.63	6.81	6.469				
359.45	373.08	V-17	C2	2.56	13.63	6.81	17.434				
		V-18	C1	2.02	13.63	6.81	13.756				
		V-18	C2	2.11	13.63	6.81	14.369				
									52.028		
V-18	V-19	V-18	C1	2.02	16.33	8.17	16.503				
373.08	389.41	V-18	C2	2.11	16.33	8.17	17.239				
		V-19	C1	2.83	16.33	8.17	23.121				
									56.863		
V-19	V-20	V-19	C1	2.83	20.41	10.20	28.866				
389.41	409.82	V-20	C1	2.81	20.41	10.20	28.662				
									57.528		
V-20	V-21	V-20	C1	2.81	9.98	4.99	14.022				
409.82	419.80	V-21	C1	2.49	9.98	4.99	12.425				
									26.447		
Il Direttore dei Lavori							L'Impresa				
							TOTALE ARTICOLO		817.624		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DEI VOLUMI										Foglio n.	43
VEGETALE IN TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
V-5	V-6	V-6	F1	0.50	25.16	12.58	6.290		6.290		
V-6	V-7	V-6	F1	0.50	25.13	12.56	6.280		6.280		
V-12	V-13	V-13	F1	0.38	25.10	12.55	4.769		4.769		
V-13	V-14	V-13	F1	0.38	25.01	12.51	4.754		4.754		
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				22.093			

TABULATI MOVIMENTI MATERIA

 Codice documento
 CS0113_F0.doc

Rev Data
 F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DEI VOLUMI									Foglio n. 44	
GRADONATURA										
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc		
V-1	V-2	V-1	01	1.04	7.89	3.94	4.098			
0.00	7.89	V-1	02	0.69	7.89	3.94	2.719			
		V-2	01	0.80	7.89	3.94	3.152			
		V-2	02	0.31	7.89	3.94	1.221			
										11.190
V-2	V-3	V-2	01	0.80	19.36	9.68	7.744			
7.89	27.25	V-2	02	0.31	19.36	9.68	3.001			
		V-3	01	1.94	19.36	9.68	18.779			
		V-3	02	1.15	19.36	9.68	11.132			
		V-3	03	0.21	19.36	9.68	2.033			
										42.689
V-3	V-4	V-3	01	1.94	10.79	5.39	10.457			
27.25	38.04	V-3	02	1.15	10.79	5.39	6.198			
		V-3	03	0.21	10.79	5.39	1.132			
		V-4	01	0.54	10.79	5.39	2.911			
		V-4	02	0.08	10.79	5.39	0.431			
										21.129
V-4	V-5	V-4	01	0.54	20.28	10.14	5.476			
38.04	58.32	V-4	02	0.08	20.28	10.14	0.811			
		V-5	01	0.30	20.28	10.14	3.042			
		V-5	02	0.03	20.28	10.14	0.304			
										9.633
V-5	V-6	V-5	01	0.30	25.16	12.58	3.774			
58.32	83.48	V-5	02	0.03	25.16	12.58	0.377			
		V-6	01	0.55	25.16	12.58	6.919			
		V-6	02	0.47	25.16	12.58	5.913			
		V-6	03	0.64	25.16	12.58	8.051			
		V-6	04	0.15	25.16	12.58	1.887			
										26.921
V-6	V-7	V-6	01	0.55	25.13	12.56	6.908			
83.48	108.61	V-6	02	0.47	25.13	12.56	5.903			
		V-6	03	0.64	25.13	12.56	8.038			
		V-6	04	0.15	25.13	12.56	1.884			
		V-7	01	1.11	25.13	12.56	13.942			
		V-7	02	1.45	25.13	12.56	18.212			
		V-7	03	0.77	25.13	12.56	9.671			
		V-7	04	1.22	25.13	12.56	15.323			
		V-7	05	1.38	25.13	12.56	17.333			
		V-7	06	0.43	25.13	12.56	5.401			
										102.615
V-7	V-8	V-7	01	1.11	25.12	12.56	13.942			
108.61	133.73	V-7	02	1.45	25.12	12.56	18.212			
		V-7	03	0.77	25.12	12.56	9.671			
		V-7	04	1.22	25.12	12.56	15.323			
		V-7	05	1.38	25.12	12.56	17.333			
		V-7	06	0.43	25.12	12.56	5.401			
										79.882
V-10	V-11	V-11	01	3.96	25.12	12.56	49.738			
183.96	209.08	V-11	02	0.55	25.12	12.56	6.908			
		V-11	03	0.55	25.12	12.56	6.908			
		V-11	04	7.71	25.12	12.56	96.838			
										160.392
V-11	V-12	V-11	01	3.96	25.10	12.55	49.698			
A RIPORTARE mc							49.698	454.451		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DEI VOLUMI										Foglio n. 45	
GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
A RIPORTARE mc							49.698	454.451			
209.08	234.18	V-11	02	0.55	25.10	12.55	6.903				
		V-11	03	0.55	25.10	12.55	6.903				
		V-11	04	7.71	25.10	12.55	96.761				
		V-12	01	0.10	25.10	12.55	1.255				
		V-12	02	0.46	25.10	12.55	5.773				
		V-12	03	4.26	25.10	12.55	53.463				
		V-12	04	0.85	25.10	12.55	10.668				
		V-12	05	5.60	25.10	12.55	70.280				
									301.704		
V-12	V-13	V-12	01	0.10	25.10	12.55	1.255				
234.18	259.28	V-12	02	0.46	25.10	12.55	5.773				
		V-12	03	4.26	25.10	12.55	53.463				
		V-12	04	0.85	25.10	12.55	10.668				
		V-12	05	5.60	25.10	12.55	70.280				
		V-13	01	0.27	25.10	12.55	3.389				
		V-13	02	0.58	25.10	12.55	7.279				
		V-13	03	4.79	25.10	12.55	60.115				
		V-13	04	4.17	25.10	12.55	52.334				
		V-13	05	0.82	25.10	12.55	10.291				
		V-13	06	0.03	25.10	12.55	0.377				
									275.224		
V-13	V-14	V-13	01	0.27	25.01	12.51	3.378				
259.28	284.29	V-13	02	0.58	25.01	12.51	7.256				
		V-13	03	4.79	25.01	12.51	59.923				
		V-13	04	4.17	25.01	12.51	52.167				
		V-13	05	0.82	25.01	12.51	10.258				
		V-13	06	0.03	25.01	12.51	0.375				
		V-14	01	0.32	25.01	12.51	4.003				
		V-14	02	2.88	25.01	12.51	36.029				
		V-14	03	1.86	25.01	12.51	23.269				
		V-14	04	7.37	25.01	12.51	92.199				
		V-14	05	0.39	25.01	12.51	4.879				
									293.736		
V-14	V-15	V-14	01	0.32	25.00	12.50	4.000				
284.29	309.29	V-14	02	2.88	25.00	12.50	36.000				
		V-14	03	1.86	25.00	12.50	23.250				
		V-14	04	7.37	25.00	12.50	92.125				
		V-14	05	0.39	25.00	12.50	4.875				
		V-15	01	0.70	25.00	12.50	8.750				
		V-15	02	7.97	25.00	12.50	99.625				
		V-15	03	1.36	25.00	12.50	17.000				
		V-15	04	2.06	25.00	12.50	25.750				
									311.375		
V-15	V-16	V-15	01	0.70	25.01	12.50	8.750				
309.29	334.30	V-15	02	7.97	25.01	12.50	99.625				
		V-15	03	1.36	25.01	12.50	17.000				
		V-15	04	2.06	25.01	12.50	25.750				
		V-16	01	0.46	25.01	12.50	5.750				
		V-16	02	4.67	25.01	12.50	58.375				
		V-16	03	1.65	25.01	12.50	20.625				
									235.875		
A RIPORTARE mc								1872.365			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DEI VOLUMI										Foglio n. 46	
GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
A RIPORTARE mc										1872.365	
V-16 334.30	V-17 359.45	V-16	01	0.46	25.15	12.57	5.782				
		V-16	02	4.67	25.15	12.57	58.702				
		V-16	03	1.65	25.15	12.57	20.741				
		V-17	01	0.42	25.15	12.57	5.279				
		V-17	02	2.42	25.15	12.57	30.419				
		V-17	03	4.10	25.15	12.57	51.537				
		V-17	04	0.02	25.15	12.57	0.251				
									172.711		
V-17 359.45	V-18 373.08	V-17	01	0.42	13.63	6.81	2.860				
		V-17	02	2.42	13.63	6.81	16.480				
		V-17	03	4.10	13.63	6.81	27.921				
		V-17	04	0.02	13.63	6.81	0.136				
		V-18	01	0.45	13.63	6.81	3.064				
		V-18	02	3.04	13.63	6.81	20.702				
		V-18	03	3.97	13.63	6.81	27.036				
		V-18	04	0.13	13.63	6.81	0.885				
									99.084		
V-18 373.08	V-19 389.41	V-18	01	0.45	16.33	8.17	3.676				
		V-18	02	3.04	16.33	8.17	24.837				
		V-18	03	3.97	16.33	8.17	32.435				
		V-18	04	0.13	16.33	8.17	1.062				
		V-19	01	0.37	16.33	8.17	3.023				
		V-19	02	3.48	16.33	8.17	28.432				
		V-19	03	3.94	16.33	8.17	32.190				
		V-19	04	0.29	16.33	8.17	2.369				
									128.024		
V-19 389.41	V-20 409.82	V-19	01	0.37	20.41	10.20	3.774				
		V-19	02	3.48	20.41	10.20	35.496				
		V-19	03	3.94	20.41	10.20	40.188				
		V-19	04	0.29	20.41	10.20	2.958				
		V-20	01	3.73	20.41	10.20	38.046				
		V-20	02	0.04	20.41	10.20	0.408				
									120.870		
V-20 409.82	V-21 419.80	V-20	01	3.73	9.98	4.99	18.613				
		V-20	02	0.04	9.98	4.99	0.200				
		V-21	01	0.57	9.98	4.99	2.844				
		V-21	02	1.76	9.98	4.99	8.782				
									30.439		
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	
										2423.493	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI												Foglio n. 47	
SEMINA													
DALLA SEZ.	ALLA SEZ.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI	DISTANZA DI CALCOLO	AREA PARZIALE	AREA TOTALE					
DA PROG.	A PROG.				mL	mL	m ²	m ²					
V-4	V-5	V-5	a1	11.18	20.28	10.14	113.37		113.37				
V-5	V-6	V-5	a1	11.18	25.16	12.58	140.64						
58.32	83.48	V-6	a2	3.88	25.16	12.58	48.81						
		V-6	a1	1.28	25.16	12.58	16.10						
V-6	V-7	V-6	a2	3.88	25.13	12.56	48.73						
83.48	108.61	V-6	a1	1.28	25.13	12.56	16.08						
		V-7	a1	4.02	25.13	12.56	50.49						
		V-7	a2	1.32	25.13	12.56	16.58						
V-7	V-8	V-7	a1	4.02	25.12	12.56	50.49						
108.61	133.73	V-7	a2	1.32	25.12	12.56	16.58						
		V-8	a2	3.94	25.12	12.56	49.49						
		V-8	a1	1.33	25.12	12.56	16.70						
V-8	V-9	V-8	a2	3.94	25.10	12.55	49.45						
133.73	158.83	V-8	a1	1.33	25.10	12.55	16.69						
		V-9	a2	3.82	25.10	12.55	47.94						
		V-9	a1	1.34	25.10	12.55	16.82						
V-9	V-10	V-9	a2	3.82	25.13	12.56	47.98						
158.83	183.96	V-9	a1	1.34	25.13	12.56	16.83						
		V-10	a2	3.66	25.13	12.56	45.97						
		V-10	a1	1.35	25.13	12.56	16.96						
V-10	V-11	V-10	a2	3.66	25.12	12.56	45.97						
183.96	209.08	V-10	a1	1.35	25.12	12.56	16.96						
		V-11	a2	3.50	25.12	12.56	43.96						
		V-11	a1	1.36	25.12	12.56	17.08						
V-11	V-12	V-11	a2	3.50	25.10	12.55	43.93						
209.08	234.18	V-11	a1	1.36	25.10	12.55	17.07						
		V-12	a2	3.35	25.10	12.55	42.04						
		V-12	a1	1.36	25.10	12.55	17.07						
V-12	V-13	V-12	a2	3.35	25.10	12.55	42.04						
234.18	259.28	V-12	a1	1.36	25.10	12.55	17.07						
		V-13	a2	3.20	25.10	12.55	40.16						
		V-13	a1	1.26	25.10	12.55	15.81						
V-13	V-14	V-13	a2	3.20	25.01	12.51	40.03						
259.28	284.29	V-13	a1	1.26	25.01	12.51	15.76						
		V-14	a2	3.19	25.01	12.51	39.91						
		V-14	a1	1.07	25.01	12.51	13.39						
V-14	V-15	V-14	a2	3.19	25.00	12.50	39.88						
284.29	309.29	V-14	a1	1.07	25.00	12.50	13.38						
		V-15	a2	3.35	25.00	12.50	41.88						
		V-15	a1	0.96	25.00	12.50	12.00						
V-15	V-16	V-15	a2	3.35	25.01	12.50	41.88						
309.29	334.30	V-15	a1	0.96	25.01	12.50	12.00						
							A RIPORTARE m ²	53.88	1418.09				

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n. 48	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		53.88	1418.09	
		V-16	a1	20.86	25.01	12.50	260.75				
		V-16	a2	1.16	25.01	12.50	14.50				
									329.13		
V-16	V-17	V-16	a1	20.86	25.15	12.57	262.21				
334.30	359.45	V-16	a2	1.16	25.15	12.57	14.58				
		V-17	a1	8.75	25.15	12.57	109.99				
		V-17	a2	3.14	25.15	12.57	39.47				
									426.25		
V-17	V-18	V-17	a1	8.75	13.63	6.81	59.59				
359.45	373.08	V-17	a2	3.14	13.63	6.81	21.38				
		V-18	a1	6.74	13.63	6.81	45.90				
		V-18	a2	7.08	13.63	6.81	48.21				
									175.08		
V-18	V-19	V-18	a1	6.74	16.33	8.17	55.07				
373.08	389.41	V-18	a2	7.08	16.33	8.17	57.84				
		V-19	a1	9.43	16.33	8.17	77.04				
									189.95		
V-19	V-20	V-19	a1	9.43	20.41	10.20	96.19				
389.41	409.82	V-20	a1	9.35	20.41	10.20	95.37				
									191.56		
V-20	V-21	V-20	a1	9.35	9.98	4.99	46.66				
409.82	419.80	V-21	a1	8.29	9.98	4.99	41.37				
									88.03		
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				2818.09			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n. 49
SCOTICO										
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq		
V-1	V-2	V-1	c1	2.26	7.89	3.94	8.90			
0.00	7.89	V-2	c1	3.81	7.89	3.94	15.01		23.91	
V-2	V-3	V-2	c1	3.81	19.36	9.68	36.88		36.88	
V-3	V-4	V-4	c1	7.43	10.79	5.39	40.05		40.05	
V-4	V-5	V-4	c1	7.43	20.28	10.14	75.34			
38.04	58.32	V-5	c1	6.34	20.28	10.14	64.29			
		V-5	c2	11.54	20.28	10.14	117.02			
V-5	V-6	V-5	c1	6.34	25.16	12.58	79.76		256.65	
58.32	83.48	V-5	c2	11.54	25.16	12.58	145.17			
		V-6	c1	31.51	25.16	12.58	396.40		621.33	
V-6	V-7	V-6	c1	31.51	25.13	12.56	395.77			
83.48	108.61	V-7	c1	13.67	25.13	12.56	171.70			
		V-7	c2	7.37	25.13	12.56	92.57			
V-7	V-8	V-7	c1	13.67	25.12	12.56	171.70		660.04	
108.61	133.73	V-7	c2	7.37	25.12	12.56	92.57			
		V-8	c1	33.12	25.12	12.56	415.99		680.26	
V-8	V-9	V-8	c1	33.12	25.10	12.55	415.66			
133.73	158.83	V-9	c1	35.08	25.10	12.55	440.25		855.91	
V-9	V-10	V-9	c1	35.08	25.13	12.56	440.60			
158.83	183.96	V-10	c1	34.26	25.13	12.56	430.31		870.91	
V-10	V-11	V-10	c1	34.26	25.12	12.56	430.31			
183.96	209.08	V-11	c1	6.25	25.12	12.56	78.50			
		V-11	c2	5.10	25.12	12.56	64.06		572.87	
V-11	V-12	V-11	c1	6.25	25.10	12.55	78.44			
209.08	234.18	V-11	c2	5.10	25.10	12.55	64.00			
		V-12	c1	1.36	25.10	12.55	17.07			
V-12	V-13	V-12	c2	8.43	25.10	12.55	105.80		265.31	
234.18	259.28	V-13	c1	6.97	25.10	12.55	87.47		210.34	
V-13	V-14	V-13	c1	6.97	25.01	12.51	87.19			
259.28	284.29	V-14	c1	6.64	25.01	12.51	83.07		170.26	
V-14	V-15	V-14	c1	6.64	25.00	12.50	83.00			
284.29	309.29	V-15	c1	5.31	25.00	12.50	66.38		149.38	
V-15	V-16	V-15	c1	5.31	25.01	12.50	66.38			
309.29	334.30	V-16	c1	5.45	25.01	12.50	68.13			
		V-16	c2	7.17	25.01	12.50	89.63			
V-16	V-17	V-16	c1	5.45	25.15	12.57	68.51		224.14	
A RIPORTARE mq							68.51	5638.24		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n. 50	
SCOTICO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		68.51	5638.24	
334.30	359.45	V-16	c2	7.17	25.15	12.57	90.13				
		V-17	c1	5.09	25.15	12.57	63.98				
									222.62		
V-17	V-18	V-17	c1	5.09	13.63	6.81	34.66				
359.45	373.08	V-18	c1	6.76	13.63	6.81	46.04				
									80.70		
V-18	V-19	V-18	c1	6.76	16.33	8.17	55.23				
373.08	389.41	V-19	c1	1.53	16.33	8.17	12.50				
									67.73		
V-19	V-20	V-19	c1	1.53	20.41	10.20	15.61				
389.41	409.82	V-20	c1	7.64	20.41	10.20	77.93				
									93.54		
V-20	V-21	V-20	c1	7.64	9.98	4.99	38.12				
409.82	419.80	V-21	c1	8.89	9.98	4.99	44.36				
									82.48		
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO		6185.31	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI											Foglio n. 51
SCOTICO SU GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
V-1	V-2	V-1	e1	5.27	7.89	3.94	20.76				
0.00	7.89	V-2	e1	3.45	7.89	3.94	13.59				
V-2	V-3	V-2	e1	3.45	19.36	9.68	33.40			34.35	
7.89	27.25	V-3	e1	7.87	19.36	9.68	76.18			109.58	
V-3	V-4	V-3	e1	7.87	10.79	5.39	42.42				
27.25	38.04	V-4	e1	2.07	10.79	5.39	11.16			53.58	
V-4	V-5	V-4	e1	2.07	20.28	10.14	20.99				
38.04	58.32	V-5	e1	1.53	20.28	10.14	15.51			36.50	
V-5	V-6	V-5	e1	1.53	25.16	12.58	19.25				
58.32	83.48	V-6	e1	4.50	25.16	12.58	56.61				
		V-6	e2	2.57	25.16	12.58	32.33			108.19	
V-6	V-7	V-6	e1	4.50	25.13	12.56	56.52				
83.48	108.61	V-6	e2	2.57	25.13	12.56	32.28				
		V-7	e1	15.18	25.13	12.56	190.66			279.46	
V-7	V-8	V-7	e1	15.18	25.12	12.56	190.66				
										190.66	
V-10	V-11	V-11	e1	22.79	25.12	12.56	286.24			286.24	
V-11	V-12	V-11	e1	22.79	25.10	12.55	286.01				
209.08	234.18	V-12	e1	22.88	25.10	12.55	287.14			573.15	
V-12	V-13	V-12	e1	22.88	25.10	12.55	287.14				
234.18	259.28	V-13	e1	26.05	25.10	12.55	326.93			614.07	
V-13	V-14	V-13	e1	26.05	25.01	12.51	325.89				
259.28	284.29	V-14	e1	27.55	25.01	12.51	344.65			670.54	
V-14	V-15	V-14	e1	27.55	25.00	12.50	344.38				
284.29	309.29	V-15	e1	23.01	25.00	12.50	287.63			632.01	
V-15	V-16	V-15	e1	23.01	25.01	12.50	287.63				
309.29	334.30	V-16	e1	12.81	25.01	12.50	160.13			447.76	
V-16	V-17	V-16	e1	12.81	25.15	12.57	161.02				
334.30	359.45	V-17	e1	13.98	25.15	12.57	175.73			336.75	
V-17	V-18	V-17	e1	13.98	13.63	6.81	95.20				
359.45	373.08	V-18	e1	15.37	13.63	6.81	104.67			199.87	
V-18	V-19	V-18	e1	15.37	16.33	8.17	125.57				
373.08	389.41	V-19	e1	17.09	16.33	8.17	139.63			265.20	
V-19	V-20	V-19	e1	17.09	20.41	10.20	174.32				
389.41	409.82	V-20	e1	8.36	20.41	10.20	85.27			259.59	
V-20	V-21	V-20	e1	8.36	9.98	4.99	41.72				
409.82	419.80	V-21	e1	5.88	9.98	4.99	29.34				
A RIPORTARE mq							71.06	5168.56			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

DALLA SEZ. DA PROG.		ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq
A RIPORTARE mq								71.06	5168.56
								71.06	
Il Direttore dei Lavori			L'Impresa			TOTALE ARTICOLO		5168.56	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n.	53
BONIFICA RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
V-1	V-2	V-1	f1	2.26	7.89	3.94	8.90				
0.00	7.89	V-2	f1	3.81	7.89	3.94	15.01			23.91	
V-2	V-3	V-2	f1	3.81	19.36	9.68	36.88			36.88	
V-3	V-4	V-4	f1	7.43	10.79	5.39	40.05			40.05	
V-4	V-5	V-4	f1	7.43	20.28	10.14	75.34				
38.04	58.32	V-5	f1	6.34	20.28	10.14	64.29				
		V-5	f2	11.54	20.28	10.14	117.02				
V-5	V-6	V-5	f1	6.34	25.16	12.58	79.76			256.65	
58.32	83.48	V-5	f2	11.54	25.16	12.58	145.17				
		V-6	f1	31.51	25.16	12.58	396.40			621.33	
V-6	V-7	V-6	f1	31.51	25.13	12.56	395.77				
83.48	108.61	V-7	f1	13.67	25.13	12.56	171.70				
		V-7	f2	7.37	25.13	12.56	92.57				
V-7	V-8	V-7	f1	13.67	25.12	12.56	171.70			660.04	
108.61	133.73	V-7	f2	7.37	25.12	12.56	92.57				
		V-8	f1	33.12	25.12	12.56	415.99			680.26	
V-8	V-9	V-8	f1	33.12	25.10	12.55	415.66				
133.73	158.83	V-9	f1	35.08	25.10	12.55	440.25			855.91	
V-9	V-10	V-9	f1	35.08	25.13	12.56	440.60				
158.83	183.96	V-10	f1	34.26	25.13	12.56	430.31			870.91	
V-10	V-11	V-10	f1	34.26	25.12	12.56	430.31				
183.96	209.08	V-11	f1	6.25	25.12	12.56	78.50				
		V-11	f2	5.10	25.12	12.56	64.06			572.87	
V-11	V-12	V-11	f1	6.25	25.10	12.55	78.44				
209.08	234.18	V-11	f2	5.10	25.10	12.55	64.00				
		V-12	f2	8.43	25.10	12.55	105.80				
		V-12	f1	1.36	25.10	12.55	17.07			265.31	
V-12	V-13	V-12	f2	8.43	25.10	12.55	105.80				
234.18	259.28	V-12	f1	1.36	25.10	12.55	17.07			210.34	
		V-13	f1	6.97	25.10	12.55	87.47				
V-13	V-14	V-13	f1	6.97	25.01	12.51	87.19			170.26	
259.28	284.29	V-14	f1	6.64	25.01	12.51	83.07				
V-14	V-15	V-14	f1	6.64	25.00	12.50	83.00				
284.29	309.29	V-15	f1	5.31	25.00	12.50	66.38			149.38	
V-15	V-16	V-15	f1	5.31	25.01	12.50	66.38				
309.29	334.30	V-16	f2	7.17	25.01	12.50	89.63				
		V-16	f1	5.45	25.01	12.50	68.13			224.14	
V-16	V-17	V-16	f2	7.17	25.15	12.57	90.13				
A RIPORTARE mq							90.13			5638.24	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n. 54	
BONIFICA RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		90.13	5638.24	
334.30	359.45	V-16	f1	5.45	25.15	12.57	68.51				
		V-17	f1	5.09	25.15	12.57	63.98				
									222.62		
V-17	V-18	V-17	f1	5.09	13.63	6.81	34.66				
359.45	373.08	V-18	f1	6.76	13.63	6.81	46.04				
									80.70		
V-18	V-19	V-18	f1	6.76	16.33	8.17	55.23				
373.08	389.41	V-19	f1	1.53	16.33	8.17	12.50				
									67.73		
V-19	V-20	V-19	f1	1.53	20.41	10.20	15.61				
389.41	409.82	V-20	f1	7.64	20.41	10.20	77.93				
									93.54		
V-20	V-21	V-20	f1	7.64	9.98	4.99	38.12				
409.82	419.80	V-21	f1	8.89	9.98	4.99	44.36				
									82.48		
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO		6185.31	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n.	55
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
V-1	V-2	V-1	g1	4.75	7.89	3.94	18.72				
0.00	7.89	V-2	g1	4.75	7.89	3.94	18.72				
										37.44	
V-2	V-3	V-2	g1	4.75	19.36	9.68	45.98				
7.89	27.25	V-3	g1	5.34	19.36	9.68	51.69				
										97.67	
V-3	V-4	V-3	g1	5.34	10.79	5.39	28.78				
27.25	38.04	V-4	g1	6.97	10.79	5.39	37.57				
										66.35	
V-4	V-5	V-4	g1	6.97	20.28	10.14	70.68				
38.04	58.32	V-5	g1	7.20	20.28	10.14	73.01				
										143.69	
V-5	V-6	V-5	g1	7.20	25.16	12.58	90.58				
58.32	83.48	V-6	g1	33.48	25.16	12.58	421.18				
										511.76	
V-6	V-7	V-6	g1	33.48	25.13	12.56	420.51				
83.48	108.61	V-7	g1	26.61	25.13	12.56	334.22				
										754.73	
V-7	V-8	V-7	g1	26.61	25.12	12.56	334.22				
108.61	133.73	V-8	g1	26.61	25.12	12.56	334.22				
										668.44	
V-8	V-9	V-8	g1	26.61	25.10	12.55	333.96				
133.73	158.83	V-9	g1	26.61	25.10	12.55	333.96				
										667.92	
V-9	V-10	V-9	g1	26.61	25.13	12.56	334.22				
158.83	183.96	V-10	g1	26.61	25.13	12.56	334.22				
										668.44	
V-10	V-11	V-10	g1	26.61	25.12	12.56	334.22				
183.96	209.08	V-11	g1	26.61	25.12	12.56	334.22				
										668.44	
V-11	V-12	V-11	g1	26.61	25.10	12.55	333.96				
209.08	234.18	V-12	g1	26.61	25.10	12.55	333.96				
										667.92	
V-12	V-13	V-12	g1	26.61	25.10	12.55	333.96				
234.18	259.28	V-13	g1	26.61	25.10	12.55	333.96				
										667.92	
V-13	V-14	V-13	g1	26.61	25.01	12.51	332.89				
259.28	284.29	V-14	g1	26.61	25.01	12.51	332.89				
										665.78	
V-14	V-15	V-14	g1	26.61	25.00	12.50	332.63				
284.29	309.29	V-15	g1	22.45	25.00	12.50	280.63				
										613.26	
V-15	V-16	V-15	g1	22.45	25.01	12.50	280.63				
309.29	334.30	V-16	g1	8.49	25.01	12.50	106.13				
										386.76	
V-16	V-17	V-16	g1	8.49	25.15	12.57	106.72				
334.30	359.45	V-17	g1	0.10	25.15	12.57	1.26				
		V-17	g2	6.50	25.15	12.57	81.70				
										189.68	
V-17	V-18	V-17	g1	0.10	13.63	6.81	0.68				
359.45	373.08	V-17	g2	6.50	13.63	6.81	44.27				
		V-18	g1	6.60	13.63	6.81	44.95				
										89.90	
							A RIPORTARE mq			7566.10	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n. 56	
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		7566.10		
V-18 373.08	V-19 389.41	V-18 V-19	g1 g1	6.60 7.31	16.33 16.33	8.17 8.17	53.92 59.72		113.64		
V-19 389.41	V-20 409.82	V-19 V-20	g1 g1	7.31 5.51	20.41 20.41	10.20 10.20	74.56 56.20		130.76		
V-20 409.82	V-21 419.80	V-20 V-21	g1 g1	5.51 4.99	9.98 9.98	4.99 4.99	27.49 24.90		52.39		
							TOTALE ARTICOLO		7862.89		

TABULATI MOVIMENTI MATERIA

 Codice documento
CS0113_F0.doc

 Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI											Foglio n. 57	
BINDER												
DALLA SEZ.	ALLA SEZ.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI	DISTANZA DI CALCOLO	AREA PARZIALE	AREA TOTALE				
DA PROG.	A PROG.				ml	ml	mq	mq				
V-1	V-2	V-1	hl	4.75	7.89	3.94	18.72					
0.00	7.89	V-2	hl	4.75	7.89	3.94	18.72					
										37.44		
V-2	V-3	V-2	hl	4.75	19.36	9.68	45.98					
7.89	27.25	V-3	hl	5.34	19.36	9.68	51.69					
										97.67		
V-3	V-4	V-3	hl	5.34	10.79	5.39	28.78					
27.25	38.04	V-4	hl	6.97	10.79	5.39	37.57					
										66.35		
V-4	V-5	V-4	hl	6.97	20.28	10.14	70.68					
38.04	58.32	V-5	hl	7.40	20.28	10.14	75.04					
										145.72		
V-5	V-6	V-5	hl	7.40	25.16	12.58	93.09					
58.32	83.48	V-6	hl	33.68	25.16	12.58	423.69					
										516.78		
V-6	V-7	V-6	hl	33.68	25.13	12.56	423.02					
83.48	108.61	V-7	hl	26.71	25.13	12.56	335.48					
										758.50		
V-7	V-8	V-7	hl	26.71	25.12	12.56	335.48					
108.61	133.73	V-8	hl	26.71	25.12	12.56	335.48					
										670.96		
V-8	V-9	V-8	hl	26.71	25.10	12.55	335.21					
133.73	158.83	V-9	hl	26.71	25.10	12.55	335.21					
										670.42		
V-9	V-10	V-9	hl	26.71	25.13	12.56	335.48					
158.83	183.96	V-10	hl	26.71	25.13	12.56	335.48					
										670.96		
V-10	V-11	V-10	hl	26.71	25.12	12.56	335.48					
183.96	209.08	V-11	hl	26.71	25.12	12.56	335.48					
										670.96		
V-11	V-12	V-11	hl	26.71	25.10	12.55	335.21					
209.08	234.18	V-12	hl	26.71	25.10	12.55	335.21					
										670.42		
V-12	V-13	V-12	hl	26.71	25.10	12.55	335.21					
234.18	259.28	V-13	hl	26.71	25.10	12.55	335.21					
										670.42		
V-13	V-14	V-13	hl	26.71	25.01	12.51	334.14					
259.28	284.29	V-14	hl	26.71	25.01	12.51	334.14					
										668.28		
V-14	V-15	V-14	hl	26.71	25.00	12.50	333.88					
284.29	309.29	V-15	hl	22.55	25.00	12.50	281.88					
										615.76		
V-15	V-16	V-15	hl	22.55	25.01	12.50	281.88					
309.29	334.30	V-16	hl	8.54	25.01	12.50	106.75					
										388.63		
V-16	V-17	V-16	hl	8.54	25.15	12.57	107.35					
334.30	359.45	V-17	hl	6.80	25.15	12.57	85.48					
										192.83		
V-17	V-18	V-17	hl	6.80	13.63	6.81	46.31					
359.45	373.08	V-18	hl	6.70	13.63	6.81	45.63					
										91.94		
V-18	V-19	V-18	hl	6.70	16.33	8.17	54.74					
373.08	389.41	V-19	hl	7.31	16.33	8.17	59.72					
							A RIPORTARE mq	114.46	7718.50			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n. 58	
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			
A RIPORTARE mq							114.46	7718.50			
V-19	V-20	V-19	h1	7.31	20.41	10.20	74.56	114.46			
389.41	409.82	V-20	h1	5.51	20.41	10.20	56.20	130.76			
V-20	V-21	V-20	h1	5.51	9.98	4.99	27.49	52.39			
409.82	419.80	V-21	h1	4.99	9.98	4.99	24.90				
Il Direttore dei Lavori							L'Impresa	TOTALE ARTICOLO	7901.65		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n.	59
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			
V-1	V-2	V-1	il	4.75	7.89	3.94	18.72				
0.00	7.89	V-2	il	4.75	7.89	3.94	18.72				
V-2	V-3	V-2	il	4.75	19.36	9.68	45.98			37.44	
7.89	27.25	V-3	il	5.34	19.36	9.68	51.69			97.67	
V-3	V-4	V-3	il	5.34	10.79	5.39	28.78				
27.25	38.04	V-4	il	6.97	10.79	5.39	37.57			66.35	
V-4	V-5	V-4	il	6.97	20.28	10.14	70.68				
38.04	58.32	V-5	il	7.55	20.28	10.14	76.56			147.24	
V-5	V-6	V-5	il	7.55	25.16	12.58	94.98				
58.32	83.48	V-6	il	33.82	25.16	12.58	425.46			520.44	
V-6	V-7	V-6	il	33.82	25.13	12.56	424.78				
83.48	108.61	V-7	il	26.97	25.13	12.56	338.74			763.52	
V-7	V-8	V-7	il	26.97	25.12	12.56	338.74				
108.61	133.73	V-8	il	26.97	25.12	12.56	338.74			677.48	
V-8	V-9	V-8	il	26.97	25.10	12.55	338.47				
133.73	158.83	V-9	il	26.97	25.10	12.55	338.47			676.94	
V-9	V-10	V-9	il	26.97	25.13	12.56	338.74				
158.83	183.96	V-10	il	26.97	25.13	12.56	338.74			677.48	
V-10	V-11	V-10	il	26.97	25.12	12.56	338.74				
183.96	209.08	V-11	il	26.97	25.12	12.56	338.74			677.48	
V-11	V-12	V-11	il	26.97	25.10	12.55	338.47				
209.08	234.18	V-12	il	26.97	25.10	12.55	338.47			676.94	
V-12	V-13	V-12	il	26.97	25.10	12.55	338.47				
234.18	259.28	V-13	il	26.97	25.10	12.55	338.47			676.94	
V-13	V-14	V-13	il	26.97	25.01	12.51	337.39				
259.28	284.29	V-14	il	26.97	25.01	12.51	337.39			674.78	
V-14	V-15	V-14	il	26.97	25.00	12.50	337.13				
284.29	309.29	V-15	il	22.81	25.00	12.50	285.13			622.26	
V-15	V-16	V-15	il	22.81	25.01	12.50	285.13				
309.29	334.30	V-16	il	8.69	25.01	12.50	108.63			393.76	
V-16	V-17	V-16	il	8.69	25.15	12.57	109.23				
334.30	359.45	V-17	il	6.94	25.15	12.57	87.24			196.47	
V-17	V-18	V-17	il	6.94	13.63	6.81	47.26				
359.45	373.08	V-18	il	6.94	13.63	6.81	47.26			94.52	
V-18	V-19	V-18	il	6.94	16.33	8.17	56.70				
373.08	389.41	V-19	il	7.31	16.33	8.17	59.72				
							A RIPORTARE mq	116.42		7794.13	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n. 60	
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			
A RIPORTARE mq							116.42	7794.13			
V-19	V-20	V-19	il	7.31	20.41	10.20	74.56	116.42			
389.41	409.82	V-20	il	5.51	20.41	10.20	56.20	130.76			
V-20	V-21	V-20	il	5.51	9.98	4.99	27.49	52.39			
409.82	419.80	V-21	il	4.99	9.98	4.99	24.90				
Il Direttore dei Lavori							L'Impresa	TOTALE ARTICOLO	7977.28		

TABULATI MOVIMENTI MATERIA
Codice documento
 CS0113_F0.doc

Rev **Data**
 F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n. 61	
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
V-1	V-2	V-1	ml	4.75	7.89	3.94	18.72				
0.00	7.89	V-2	ml	4.75	7.89	3.94	18.72				
										37.44	
V-2	V-3	V-2	ml	4.75	19.36	9.68	45.98				
7.89	27.25	V-3	ml	5.34	19.36	9.68	51.69				
										97.67	
V-3	V-4	V-3	ml	5.34	10.79	5.39	28.78				
27.25	38.04	V-4	ml	6.97	10.79	5.39	37.57				
										66.35	
V-4	V-5	V-4	ml	6.97	20.28	10.14	70.68				
38.04	58.32	V-5	ml	7.99	20.28	10.14	81.02				
										151.70	
V-5	V-6	V-5	ml	7.99	25.16	12.58	100.51				
58.32	83.48	V-6	ml	34.26	25.16	12.58	430.99				
										531.50	
V-6	V-7	V-6	ml	34.26	25.13	12.56	430.31				
83.48	108.61	V-7	ml	27.43	25.13	12.56	344.52				
										774.83	
V-7	V-8	V-7	ml	27.43	25.12	12.56	344.52				
108.61	133.73	V-8	ml	27.43	25.12	12.56	344.52				
										689.04	
V-8	V-9	V-8	ml	27.43	25.10	12.55	344.25				
133.73	158.83	V-9	ml	27.43	25.10	12.55	344.25				
										688.50	
V-9	V-10	V-9	ml	27.43	25.13	12.56	344.52				
158.83	183.96	V-10	ml	27.43	25.13	12.56	344.52				
										689.04	
V-10	V-11	V-10	ml	27.43	25.12	12.56	344.52				
183.96	209.08	V-11	ml	27.43	25.12	12.56	344.52				
										689.04	
V-11	V-12	V-11	ml	27.43	25.10	12.55	344.25				
209.08	234.18	V-12	ml	27.43	25.10	12.55	344.25				
										688.50	
V-12	V-13	V-12	ml	27.43	25.10	12.55	344.25				
234.18	259.28	V-13	ml	27.43	25.10	12.55	344.25				
										688.50	
V-13	V-14	V-13	ml	27.43	25.01	12.51	343.15				
259.28	284.29	V-14	ml	27.43	25.01	12.51	343.15				
										686.30	
V-14	V-15	V-14	ml	27.43	25.00	12.50	342.88				
284.29	309.29	V-15	ml	23.27	25.00	12.50	290.88				
										633.76	
V-15	V-16	V-15	ml	23.27	25.01	12.50	290.88				
309.29	334.30	V-16	ml	9.13	25.01	12.50	114.13				
										405.01	
V-16	V-17	V-16	ml	9.13	25.15	12.57	114.76				
334.30	359.45	V-17	ml	7.38	25.15	12.57	92.77				
										207.53	
V-17	V-18	V-17	ml	7.38	13.63	6.81	50.26				
359.45	373.08	V-18	ml	7.38	13.63	6.81	50.26				
										100.52	
V-18	V-19	V-18	ml	7.38	16.33	8.17	60.29				
373.08	389.41	V-19	ml	7.31	16.33	8.17	59.72				
A RIPORTARE mq							120.01	7945.24			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DI SUPERFICI										Foglio n. 62	
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq	120.01	7945.24		
V-19	V-20	V-19	ml	7.31	20.41	10.20	74.56	120.01			
389.41	409.82	V-20	ml	5.51	20.41	10.20	56.20	130.76			
V-20	V-21	V-20	ml	5.51	9.98	4.99	27.49	52.39			
409.82	419.80	V-21	ml	4.99	9.98	4.99	24.90				
								Il Direttore dei Lavori	L' Impresa	TOTALE ARTICOLO	8128.39

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DEI VOLUMI		Foglio n.	63
Volume dalla sezione V-1 alla sezione V-21			
ARTICOLO		VOLUME	
STERRO	mc	36.150	
RIPORTO	mc	28458.785	
VEGETALE IN RILEVATO	mc	817.624	
VEGETALE IN TRINCEA	mc	22.093	
GRADONATURA	mc	2423.493	
SEMINA	mq	2818.09	
SCOTICO	mq	6185.31	
SCOTICO SU GRADONATURA	mq	5168.56	
BONIFICA RILEVATO	mq	6185.31	
USURA	mq	7862.89	
BINDER	mq	7901.65	
BASE	mq	7977.28	
FONDAZIONE	mq	8128.39	

Nota : I valori di sterro e riporto calcolati si riferiscono ad un pacchetto di pavimentazione da 70 cm. Di seguito si riporta la tabella con il calcolo dei movimenti materia riferiti al pacchetto di pavimentazione di spessore 57 cm.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Modifica valori movimenti materia

Di seguito si riporta il calcolo per la determinazione dei valori di sterro e riporto riferiti al pacchetto di pavimentazione da 57 cm.

RIF.	ARTICOLO	SUPERFICIE (m ²)	Δh Pavimentazione (m)	VOLUME (m ³)	NOTE
A	STERRO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	36,150	
B	RIPORTO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	28458,785	
C	SUPERFICIE DI IMPOSTA CASSONETTO (Da computo computo sezioni trasversali)	8128,39	-	-	(1)
D	SUPERFICIE DI IMPOSTA CASSONETTO IN TRINCEA (Da computo computo sezioni trasversali)	0	-	-	(2)
E	SUPERFICIE DI IMPOSTA CASSONETTO IN RILEVATO	8128,39	-	-	(3)
F	VARIAZIONE STERRO (Per pavimentazione spessore = 57 cm)	0	0,13	0,00	(4)
G	VARIAZIONE RIPORTO (Per pavimentazione spessore = 57 cm)	8128,39	0,13	1056,69	(5)
H	STERRO (Pavimentazione spessore = 57 cm)	-	-	36,150	(6)
I	RIPORTO (Pavimentazione spessore = 57 cm)	-	-	29515,476	(7)

Nota 1 : Il valore (C) è coincidente con la superficie dell'articolo di computo "Fondazione" (vedi tabella riassuntiva pagina precedente)

Nota 2 : Il valore (D) è coincidente con la superficie dell'articolo di computo "Bonifica trincea" (vedi tabella riassuntiva pagina precedente)

Nota 3 : Il valore (E) è determinato dalla differenza fra la superfici C - D

Nota 4 : Il valore (F) è il volume calcolato dal prodotto tra la superficie "D" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 5 : Il valore (G) è il volume calcolato dal prodotto tra la superficie "E" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm



Nota 6 : Il valore (H) è il volume totale di sterro calcolato come A-H

Nota 7 : Il valore (I) è il volume totale di riporto calcolato come B+G

TABELLA RIEPILOGATIVA COMPUTI

COLLEGAMENTI VERSANTE CALABRIA - ASSE V

COMPUTO DEI VOLUMI		Foglio n. 63
Volume dalla sezione V-1 alla sezione V-21		
ARTICOLO		VOLUME
STERRO	mc	36.150
RIPORTO	mc	29515,476
VEGETALE IN RILEVATO	mc	817.624
VEGETALE IN TRINCEA	mc	22.093
GRADONATURA	mc	2423.493
SEMINA	mq	2818.09
SCOTICO	mq	6185.31
SCOTICO SU GRADONATURA	mq	5168.56
BONIFICA RILEVATO	mq	6185.31
USURA	mq	7862.89
BINDER	mq	7901.65
BASE	mq	7977.28
FONDAZIONE	mq	8128.39

		<p align="center">Ponte sullo Stretto di Messina PROGETTO DEFINITIVO</p>		
<p align="center">TABULATI MOVIMENTI MATERIA</p>	<p><i>Codice documento</i> CS0113_F0.doc</p>	<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>	

MOVIMENTI MATERIA RAMPA L

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

		CALCOLO DELLE AREE		Foglio n. 1	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
L-2	S1	$(-8.27-9.25) \times (100.00+99.77) / 2$	97.89		
18.81		$(-7.46-8.27) \times (99.78+100.00) / 2$	80.91		
		$(-2.69-7.46) \times (100.00+99.78) / 2$	476.48		
		$(0.43-2.69) \times (100.23+100.00) / 2$	312.36		
		$(1.34-0.43) \times (100.24+100.23) / 2$	91.21		
		$(5.15-1.34) \times (100.50+100.24) / 2$	382.41		
		$(8.73-5.15) \times (101.00+100.50) / 2$	360.69		
		$(10.16-8.73) \times (100.97+101.00) / 2$	144.41		
		$(13.69-10.16) \times (101.23+100.97) / 2$	356.88		
		$(13.86-13.69) \times (101.10+101.23) / 2$	17.20		
		$(9.57-13.86) \times (98.64+101.10) / 2$	-428.44		
		$(8.25-9.57) \times (98.64+98.64) / 2$	-130.20		
		$(7.22-8.25) \times (98.49+98.49) / 2$	-101.44		
		$(-7.22-7.22) \times (98.19+98.19) / 2$	-1417.86		
		$(-8.25-7.22) \times (98.49+98.49) / 2$	-101.44		
		$(-9.25-8.25) \times (98.94+98.94) / 2$	-98.94		
				42.12	
L-3	S1	$(-0.23-7.56) \times (99.87+99.46) / 2$	730.54		
40.47		$(1.44-0.23) \times (99.86+99.87) / 2$	166.77		
		$(10.06-1.44) \times (100.49+99.86) / 2$	863.51		
		$(10.60-10.06) \times (100.60+100.49) / 2$	54.29		
		$(6.84-10.60) \times (98.46+100.60) / 2$	-374.23		
		$(5.52-6.84) \times (98.46+98.46) / 2$	-129.97		
		$(4.50-5.52) \times (98.31+98.31) / 2$	-100.28		
		$(-4.50-4.50) \times (97.86+98.01) / 2$	-881.41		
		$(-5.52-4.50) \times (98.16+98.16) / 2$	-100.12		
		$(-6.53-5.52) \times (98.61+98.61) / 2$	-99.60		
		$(-7.56-6.53) \times (99.46+98.61) / 2$	-102.01		
				27.49	
L-4	S1	$(-9.65-9.85) \times (99.77+99.77) / 2$	19.95		
58.47		$(-9.64-9.65) \times (99.62+99.77) / 2$	1.00		
		$(-9.85-9.64) \times (99.77+99.62) / 2$	-20.94		
				0.01	
L-4	R1	$(-9.62-9.64) \times (99.31+99.62) / 2$	1.99		
58.47		$(-9.32-9.62) \times (99.39+99.31) / 2$	29.80		
		$(-9.64-9.32) \times (99.62+99.39) / 2$	-31.84		
				0.05	
L-4	S2	$(-7.84-7.56) \times (98.34+98.34) / 2$	-27.54		
58.47		$(-9.32-7.84) \times (99.39+98.34) / 2$	-146.32		
		$(-9.02-9.32) \times (99.46+99.39) / 2$	29.83		
		$(-8.57-9.02) \times (99.19+99.46) / 2$	44.70		
		$(-7.56-8.57) \times (99.23+99.19) / 2$	100.20		
				0.87	
L-4	S3	$(-2.49-7.56) \times (99.46+99.23) / 2$	503.68		
58.47		$(-0.19-2.49) \times (99.64+99.46) / 2$	228.97		
		$(1.41-0.19) \times (99.64+99.64) / 2$	159.42		
		$(1.50-1.41) \times (99.59+99.64) / 2$	8.97		
		$(6.63-1.50) \times (99.96+99.59) / 2$	511.85		
		$(9.37-6.63) \times (100.26+99.96) / 2$	274.30		
		$(10.18-9.37) \times (100.25+100.26) / 2$	81.21		
		$(6.84-10.18) \times (98.35+100.25) / 2$	-331.66		
		$(5.53-6.84) \times (98.35+98.35) / 2$	-128.84		
		$(4.50-5.53) \times (98.20+98.20) / 2$	-101.15		
		A RIPORTARE mq	1206.75		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

CALCOLO DELLE AREE		Foglio n. 2	
STERRI E RIPORTI			
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	NOTE
PROG.		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	1206.75
		$(-5.82-4.50) \times (97.59+97.90) / 2$	-1008.73
		$(-6.84-5.82) \times (97.89+97.89) / 2$	-99.85
		$(-7.56-6.84) \times (98.34+98.34) / 2$	-70.80
L-5	S1	$(-10.53-9.64) \times (97.95+97.95) / 2$	-87.18
77.56		$(-12.76-10.53) \times (99.97+97.95) / 2$	-220.68
		$(-12.56-12.76) \times (99.83+99.97) / 2$	19.98
		$(-11.38-12.56) \times (99.70+99.83) / 2$	117.72
		$(-11.08-11.38) \times (99.70+99.70) / 2$	29.91
		$(-11.06-11.08) \times (98.83+99.70) / 2$	1.99
		$(-9.87-11.06) \times (98.74+98.83) / 2$	117.55
		$(-9.64-9.87) \times (98.76+98.74) / 2$	22.71
L-5	S2	$(-9.53-9.32) \times (97.50+97.50) / 2$	-20.47
77.56		$(-9.64-9.53) \times (97.95+97.95) / 2$	-10.77
		$(-9.32-9.64) \times (98.78+98.76) / 2$	31.61
			2.00
L-5	S3	$(-5.97-9.32) \times (98.97+98.78) / 2$	331.23
77.56		$(-1.25-5.97) \times (99.29+98.97) / 2$	467.89
		$(0.35-1.25) \times (99.29+99.29) / 2$	158.86
		$(0.48-0.35) \times (99.25+99.29) / 2$	12.91
		$(2.74-0.48) \times (99.47+99.25) / 2$	224.55
		$(8.48-2.74) \times (99.92+99.47) / 2$	572.25
		$(9.47-8.48) \times (99.97+99.92) / 2$	98.95
		$(9.68-9.47) \times (99.91+99.97) / 2$	20.99
		$(9.70-9.68) \times (100.61+99.91) / 2$	2.01
		$(10.21-9.70) \times (100.61+100.61) / 2$	51.31
		$(10.74-10.21) \times (100.68+100.61) / 2$	53.34
		$(9.74-10.74) \times (98.42+98.42) / 2$	-98.42
		$(8.72-9.74) \times (98.27+98.27) / 2$	-100.24
		$(-8.50-8.72) \times (97.20+97.97) / 2$	-1680.41
		$(-9.32-8.50) \times (97.50+97.50) / 2$	-79.95
L-6	S1	$(-10.47-11.81) \times (98.46+98.44) / 2$	131.92
95.58		$(-2.15-10.47) \times (98.98+98.46) / 2$	821.35
		$(-2.08-2.15) \times (98.95+98.98) / 2$	6.93
		$(-0.47-2.08) \times (98.95+98.95) / 2$	159.31
		$(-0.33-0.47) \times (98.95+98.95) / 2$	13.85
		$(5.86-0.33) \times (99.48+98.95) / 2$	614.14
		$(7.65-5.86) \times (99.60+99.48) / 2$	178.18
		$(8.81-7.65) \times (99.58+99.60) / 2$	115.52
		$(8.83-8.81) \times (100.25+99.58) / 2$	2.00
		$(9.34-8.83) \times (100.25+100.25) / 2$	51.13
		$(10.35-9.34) \times (100.06+100.25) / 2$	101.16
		$(6.84-10.35) \times (98.06+100.06) / 2$	-347.70
		$(5.52-6.84) \times (98.06+98.06) / 2$	-129.44
		$(4.50-5.52) \times (97.91+97.91) / 2$	-99.87
		$(-8.50-4.50) \times (97.03+97.61) / 2$	-1265.16
		$(-9.52-8.50) \times (97.33+97.33) / 2$	-99.28
		$(-10.52-9.52) \times (97.78+97.78) / 2$	-97.78
		$(-11.81-10.52) \times (98.44+97.78) / 2$	-126.56
		A RIPORTARE mq	29.70

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

CALCOLO DELLE AREE		Foglio n. 3	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG. PROG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	29.70
			29.70
L-7	S1	(-10.88-11.72)x(98.04+97.89)/2	82.29
113.70		(-2.35-10.88)x(98.56+98.04)/2	838.50
		(-2.29-2.35)x(98.61+98.56)/2	5.92
		(-0.71-2.29)x(98.65+98.61)/2	155.84
		(-0.68-0.71)x(98.61+98.65)/2	2.96
		(0.82-0.68)x(98.99+98.61)/2	148.20
		(7.25-0.82)x(99.24+98.99)/2	637.31
		(8.32-7.25)x(99.24+99.24)/2	106.19
		(8.34-8.32)x(99.87+99.24)/2	1.99
		(8.87-8.34)x(99.88+99.87)/2	52.93
		(9.48-8.87)x(99.99+99.88)/2	60.96
		(9.71-9.48)x(100.15+99.99)/2	23.02
		(10.59-9.71)x(100.03+100.15)/2	88.08
		(6.84-10.59)x(97.89+100.03)/2	-371.10
		(5.53-6.84)x(97.89+97.89)/2	-128.24
		(4.50-5.53)x(97.74+97.74)/2	-100.67
		(-8.51-4.50)x(96.86+97.44)/2	-1263.92
		(-9.53-8.51)x(97.16+97.16)/2	-99.10
		(-10.85-9.53)x(97.31+97.31)/2	-128.45
		(-11.72-10.85)x(97.89+97.31)/2	-84.91
			27.80
L-8	S1	(-11.17-11.53)x(97.61+97.52)/2	35.12
132.03		(-5.48-11.17)x(98.00+97.61)/2	556.51
		(-2.74-5.48)x(98.09+98.00)/2	268.64
		(-2.68-2.74)x(98.18+98.09)/2	5.89
		(-1.11-2.68)x(98.26+98.18)/2	154.21
		(-1.07-1.11)x(98.18+98.26)/2	3.93
		(6.93-1.07)x(98.84+98.18)/2	788.08
		(8.08-6.93)x(98.67+98.84)/2	113.57
		(8.10-8.08)x(99.48+98.67)/2	1.98
		(8.63-8.10)x(99.49+99.48)/2	52.73
		(8.66-8.63)x(98.75+99.49)/2	2.97
		(6.84-8.66)x(97.71+98.75)/2	-178.78
		(5.53-6.84)x(97.71+97.71)/2	-128.00
		(4.50-5.53)x(97.56+97.56)/2	-100.49
		(-8.51-4.50)x(96.68+97.26)/2	-1261.58
		(-9.54-8.51)x(96.98+96.98)/2	-99.89
		(-10.85-9.54)x(97.13+97.13)/2	-127.24
		(-11.53-10.85)x(97.52+97.13)/2	-66.18
			21.47
L-9	S1	(-11.19-11.36)x(97.26+97.21)/2	16.53
148.06		(-2.84-11.19)x(97.68+97.26)/2	813.87
		(-2.62-2.84)x(97.77+97.68)/2	21.50
		(-1.04-2.62)x(97.84+97.77)/2	154.53
		(-1.01-1.04)x(97.77+97.84)/2	2.93
		(-0.88-1.01)x(98.00+97.77)/2	12.73
		(7.06-0.88)x(98.50+98.00)/2	780.10
		(8.14-7.06)x(98.49+98.50)/2	106.37
		(8.16-8.14)x(99.15+98.49)/2	1.98
		(8.68-8.16)x(99.16+99.15)/2	51.56
		A RIPORTARE mq	1962.10

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

		CALCOLO DELLE AREE		Foglio n. 4	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			1962.10		
		$(8.70-8.68) \times (98.55+99.16) / 2$	1.98		
		$(6.84-8.70) \times (97.49+98.55) / 2$	-182.32		
		$(5.53-6.84) \times (97.49+97.49) / 2$	-127.71		
		$(4.50-5.53) \times (97.34+97.34) / 2$	-100.26		
		$(-8.50-4.50) \times (96.47+97.04) / 2$	-1257.82		
		$(-9.53-8.50) \times (96.77+96.77) / 2$	-99.67		
		$(-10.84-9.53) \times (96.92+96.92) / 2$	-126.97		
		$(-11.36-10.84) \times (97.21+96.92) / 2$	-50.47		
				18.86	
L-10	S1	$(-10.83-11.09) \times (96.67+96.74) / 2$	25.14		
164.10		$(-8.79-10.83) \times (97.00+96.67) / 2$	197.54		
		$(-2.51-8.79) \times (97.29+97.00) / 2$	610.07		
		$(-2.25-2.51) \times (97.35+97.29) / 2$	25.30		
		$(-0.72-2.25) \times (97.47+97.35) / 2$	149.04		
		$(-0.64-0.72) \times (97.35+97.47) / 2$	7.79		
		$(7.08-0.64) \times (98.00+97.35) / 2$	754.05		
		$(7.39-7.08) \times (98.04+98.00) / 2$	30.39		
		$(8.28-7.39) \times (98.04+98.04) / 2$	87.26		
		$(6.84-8.28) \times (97.22+98.04) / 2$	-140.59		
		$(5.53-6.84) \times (97.22+97.22) / 2$	-127.36		
		$(4.50-5.53) \times (97.07+97.07) / 2$	-99.98		
		$(-8.58-4.50) \times (96.18+96.77) / 2$	-1261.89		
		$(-9.61-8.58) \times (96.48+96.48) / 2$	-99.37		
		$(-10.92-9.61) \times (96.63+96.63) / 2$	-126.59		
		$(-11.09-10.92) \times (96.74+96.63) / 2$	-16.44		
				14.36	
L-11	S1	$(-9.63-4.99) \times (95.76+95.96) / 2$	-444.79		
182.42		$(-10.53-9.63) \times (95.75+95.76) / 2$	-86.18		
		$(-10.03-10.53) \times (96.25+95.75) / 2$	48.00		
		$(-10.48-10.03) \times (96.25+96.25) / 2$	-43.31		
		$(-10.33-10.48) \times (96.30+96.25) / 2$	14.44		
		$(-4.99-10.33) \times (96.64+96.30) / 2$	515.15		
				3.31	
L-11	S2	$(-1.95-4.99) \times (96.84+96.64) / 2$	294.09		
182.42		$(-1.63-1.95) \times (96.84+96.84) / 2$	30.99		
		$(-0.09-1.63) \times (96.78+96.84) / 2$	149.09		
		$(-0.02-0.09) \times (96.84+96.78) / 2$	6.78		
		$(0.27-0.02) \times (97.00+96.84) / 2$	28.11		
		$(7.68-0.27) \times (97.29+97.00) / 2$	719.84		
		$(6.84-7.68) \times (96.81+97.29) / 2$	-81.52		
		$(5.53-6.84) \times (96.81+96.81) / 2$	-126.82		
		$(4.50-5.53) \times (96.66+96.66) / 2$	-99.56		
		$(-4.99-4.50) \times (95.96+96.36) / 2$	-912.56		
				8.44	
L-12	R1	$(-5.99-5.36) \times (96.01+96.01) / 2$	-60.49		
200.55		$(-6.03-5.99) \times (95.99+96.01) / 2$	-3.84		
		$(-5.45-6.03) \times (96.00+95.99) / 2$	55.68		
		$(-5.36-5.45) \times (96.00+96.00) / 2$	8.64		
				0.01	
L-12	R2	$(-4.99-5.36) \times (96.01+96.00) / 2$	35.52		
200.55		$(-4.98-4.99) \times (96.01+96.01) / 2$	0.96		
A RIPORTARE mq			36.48		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

		CALCOLO DELLE AREE		Foglio n. 5	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq	36.48	
		$(-5.36-4.98) \times (96.01+96.01) / 2$	-36.48		
L-12	S1	$(-4.97-4.99) \times (96.01+96.01) / 2$	1.92		
200.55		$(-1.21-4.97) \times (96.34+96.01) / 2$	361.62		
		$(-0.91-1.21) \times (96.36+96.34) / 2$	28.90		
		$(0.62-0.91) \times (96.31+96.36) / 2$	147.39		
		$(0.69-0.62) \times (96.36+96.31) / 2$	6.74		
		$(6.33-0.69) \times (96.65+96.36) / 2$	544.29		
		$(5.91-6.33) \times (96.37+96.65) / 2$	-40.53		
		$(4.90-5.91) \times (96.37+96.37) / 2$	-97.33		
		$(5.37-4.90) \times (95.90+96.37) / 2$	45.18		
		$(4.50-5.37) \times (95.87+95.90) / 2$	-83.42		
		$(-4.58-4.50) \times (95.52+95.87) / 2$	-868.91		
		$(-5.48-4.58) \times (95.51+95.52) / 2$	-85.96		
		$(-4.99-5.48) \times (96.01+95.51) / 2$	46.92		
				6.81	
L-13	R1	$(-5.36-6.47) \times (95.41+95.35) / 2$	105.87		
218.59		$(-5.33-5.36) \times (95.43+95.41) / 2$	2.86		
		$(-6.34-5.33) \times (95.43+95.43) / 2$	-96.38		
		$(-6.47-6.34) \times (95.35+95.43) / 2$	-12.40		
				0.05	
L-13	S1	$(-5.83-4.99) \times (94.93+94.94) / 2$	-79.75		
218.59		$(-5.36-5.83) \times (95.41+94.93) / 2$	44.73		
		$(-5.27-5.36) \times (95.41+95.41) / 2$	8.59		
		$(-4.99-5.27) \times (95.46+95.41) / 2$	26.72		
				0.29	
L-13	S2	$(-4.72-4.99) \times (95.50+95.46) / 2$	25.78		
218.59		$(-0.45-4.72) \times (95.80+95.50) / 2$	408.43		
		$(-0.19-0.45) \times (95.86+95.80) / 2$	24.92		
		$(1.41-0.19) \times (95.79+95.86) / 2$	153.32		
		$(1.43-1.41) \times (95.85+95.79) / 2$	1.92		
		$(3.53-1.43) \times (96.00+95.85) / 2$	201.44		
		$(7.48-3.53) \times (96.17+96.00) / 2$	379.54		
		$(6.84-7.48) \times (95.75+96.17) / 2$	-61.41		
		$(5.53-6.84) \times (95.75+95.75) / 2$	-125.43		
		$(4.50-5.53) \times (95.60+95.60) / 2$	-98.47		
		$(-0.43-4.50) \times (95.13+95.30) / 2$	-469.41		
		$(-4.93-0.43) \times (94.94+95.13) / 2$	-427.66		
		$(-4.99-4.93) \times (94.94+94.94) / 2$	-5.70		
				7.27	
L-14	S1	$(-5.84-5.36) \times (94.33+94.35) / 2$	-45.28		
237.75		$(-6.74-5.84) \times (94.33+94.33) / 2$	-84.90		
		$(-6.24-6.74) \times (94.83+94.33) / 2$	47.29		
		$(-7.25-6.24) \times (94.83+94.83) / 2$	-95.78		
		$(-7.37-7.25) \times (94.91+94.83) / 2$	-11.38		
		$(-5.36-7.37) \times (94.95+94.91) / 2$	190.81		
				0.76	
L-14	S2	$(-2.76-5.36) \times (95.00+94.95) / 2$	246.94		
237.75		$(0.15-2.76) \times (95.19+95.00) / 2$	276.73		
		$(0.40-0.15) \times (95.21+95.19) / 2$	23.80		
		$(2.01-0.40) \times (95.27+95.21) / 2$	153.34		
			A RIPORTARE mq	700.81	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

CALCOLO DELLE AREE		Foglio n. 6	
STERRI E RIPORTI			
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	NOTE
PROG.		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	700.81
		$(6.39-2.01) \times (95.50+95.20) / 2$	417.63
		$(5.92-6.39) \times (95.18+95.50) / 2$	-44.81
		$(4.91-5.92) \times (95.18+95.18) / 2$	-96.13
		$(5.39-4.91) \times (94.70+95.18) / 2$	45.57
		$(4.51-5.39) \times (94.68+94.70) / 2$	-83.33
		$(-1.24-4.51) \times (94.51+94.68) / 2$	-543.92
		$(-5.36-1.24) \times (94.35+94.51) / 2$	-389.05
			6.77
L-15	S1	$(-9.05-8.93) \times (94.49+94.40) / 2$	-11.33
255.85		$(-8.93-9.05) \times (94.46+94.49) / 2$	11.34
			0.01
L-15	S2	$(-7.85-8.93) \times (94.26+94.46) / 2$	101.91
255.85		$(-4.97-7.85) \times (94.50+94.26) / 2$	271.81
		$(0.37-4.97) \times (94.64+94.50) / 2$	505.00
		$(0.54-0.37) \times (94.63+94.64) / 2$	16.09
		$(2.13-0.54) \times (94.63+94.63) / 2$	150.46
		$(2.16-2.13) \times (94.62+94.63) / 2$	2.84
		$(7.33-2.16) \times (95.00+94.62) / 2$	490.17
		$(7.84-7.33) \times (95.03+95.00) / 2$	48.46
		$(7.08-7.84) \times (94.52+95.03) / 2$	-72.03
		$(5.76-7.08) \times (94.52+94.52) / 2$	-124.77
		$(4.74-5.76) \times (94.37+94.37) / 2$	-96.26
		$(-2.23-4.74) \times (93.92+94.07) / 2$	-655.15
		$(-7.28-2.23) \times (93.76+93.92) / 2$	-473.89
		$(-8.18-7.28) \times (93.75+93.76) / 2$	-84.38
		$(-7.68-8.18) \times (94.25+93.75) / 2$	47.00
		$(-8.69-7.68) \times (94.25+94.25) / 2$	-95.19
		$(-8.93-8.69) \times (94.40+94.25) / 2$	-22.64
			9.43
L-16	S1	$(-10.08-9.92) \times (93.74+93.74) / 2$	-15.00
273.91		$(-12.28-10.08) \times (95.20+93.74) / 2$	-207.83
		$(-11.47-12.28) \times (95.00+95.20) / 2$	77.03
		$(-9.92-11.47) \times (94.59+95.00) / 2$	146.93
			1.13
L-16	S2	$(-9.77-9.92) \times (94.55+94.59) / 2$	14.19
273.91		$(-9.76-9.77) \times (93.74+94.55) / 2$	0.94
		$(-9.92-9.76) \times (93.74+93.74) / 2$	-15.00
			0.13
L-16	R1	$(-9.76-9.05) \times (93.74+93.74) / 2$	-66.56
273.91		$(-9.75-9.76) \times (93.62+93.74) / 2$	0.94
		$(-9.05-9.75) \times (93.69+93.62) / 2$	65.56
			0.06
L-16	R2	$(-8.93-9.05) \times (93.70+93.69) / 2$	11.24
273.91		$(-8.89-8.93) \times (93.74+93.70) / 2$	3.75
		$(-9.05-8.89) \times (93.74+93.74) / 2$	-15.00
			0.01
L-16	S3	$(-8.26-8.93) \times (93.77+93.70) / 2$	62.80
273.91		$(-1.29-8.26) \times (94.00+93.77) / 2$	654.38
		$(0.01-1.29) \times (94.12+94.00) / 2$	122.28
		$(0.35-0.01) \times (94.10+94.12) / 2$	32.00
		$(1.76-0.35) \times (94.14+94.10) / 2$	132.71
		A RIPORTARE mq	1004.17

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				1004.17		
			$(1.97-1.76) \times (94.10+94.14) / 2$	19.77		
			$(8.04-1.97) \times (94.30+94.10) / 2$	571.79		
			$(7.45-8.04) \times (93.90+94.30) / 2$	-55.52		
			$(6.14-7.45) \times (93.90+93.90) / 2$	-123.01		
			$(5.11-6.14) \times (93.75+93.75) / 2$	-96.56		
			$(-3.18-5.11) \times (93.38+93.45) / 2$	-774.41		
			$(-8.49-3.18) \times (93.24+93.38) / 2$	-495.48		
			$(-9.39-8.49) \times (93.24+93.24) / 2$	-83.92		
			$(-8.93-9.39) \times (93.70+93.24) / 2$	43.00		
L-17	R1		$(-12.66-14.00) \times (92.00+91.61) / 2$	123.02	9.83	
292.84			$(-11.20-12.66) \times (92.34+92.00) / 2$	134.57		
			$(-10.84-11.20) \times (93.00+92.34) / 2$	33.36		
			$(-10.00-10.84) \times (93.36+93.00) / 2$	78.27		
			$(-9.92-10.00) \times (93.35+93.36) / 2$	7.47		
			$(-9.89-9.92) \times (93.39+93.35) / 2$	2.80		
			$(-10.90-9.89) \times (93.39+93.39) / 2$	-94.32		
			$(-14.00-10.90) \times (91.61+93.39) / 2$	-286.75		
L-17	S1		$(-10.39-9.76) \times (92.89+92.89) / 2$	-58.52	1.58	
292.84			$(-9.92-10.39) \times (93.35+92.89) / 2$	43.77		
			$(-9.76-9.92) \times (93.34+93.35) / 2$	14.94		
L-17	S2		$(-9.49-8.93) \times (92.89+92.91) / 2$	-52.02	0.19	
292.84			$(-9.76-9.49) \times (92.89+92.89) / 2$	-25.08		
			$(-8.93-9.76) \times (93.29+93.34) / 2$	77.45		
L-17	S3		$(-1.67-1.00) \times (93.09+93.08) / 2$	-62.37	0.35	
292.84			$(-2.98-1.67) \times (93.06+93.09) / 2$	-121.93		
			$(-3.98-2.98) \times (93.03+93.06) / 2$	-93.05		
			$(-7.98-3.98) \times (92.93+93.03) / 2$	-371.92		
			$(-8.93-7.98) \times (92.91+92.93) / 2$	-88.27		
			$(-8.63-8.93) \times (93.27+93.29) / 2$	27.98		
			$(-1.00-8.63) \times (93.62+93.27) / 2$	712.99		
L-17	S4		$(5.43-5.92) \times (93.25+93.25) / 2$	-45.69	3.43	
292.84			$(-1.00-5.43) \times (93.08+92.95) / 2$	-598.09		
			$(-0.35-1.00) \times (93.64+93.62) / 2$	60.86		
			$(-0.06-0.35) \times (93.57+93.64) / 2$	27.15		
			$(1.43-0.06) \times (93.60+93.57) / 2$	139.44		
			$(1.55-1.43) \times (93.59+93.60) / 2$	11.23		
			$(5.92-1.55) \times (93.72+93.59) / 2$	409.27		
L-17	S5		$(8.37-5.92) \times (93.79+93.72) / 2$	229.70	4.17	
292.84			$(7.77-8.37) \times (93.40+93.79) / 2$	-56.16		
			$(6.46-7.77) \times (93.40+93.40) / 2$	-122.35		
			$(5.92-6.46) \times (93.25+93.25) / 2$	-50.36		
L-18	S1		$(-0.71-1.00) \times (92.88+92.88) / 2$	26.94	0.83	
317.86			$(-0.56-0.71) \times (92.94+92.88) / 2$	13.94		
			$(1.06-0.56) \times (92.94+92.94) / 2$	150.56		
A RIPORTARE mq				191.44		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				191.44		
			$(1.07-1.06) \times (92.82+92.94) / 2$	0.93		
			$(5.92-1.07) \times (92.94+92.82) / 2$	450.47		
			$(6.42-5.92) \times (92.45+92.94) / 2$	46.35		
			$(5.50-6.42) \times (92.47+92.45) / 2$	-85.06		
			$(-1.00-5.50) \times (92.63+92.47) / 2$	-601.57		
L-18	R1		$(5.90-6.00) \times (92.97+92.97) / 2$	-9.30	2.56	
317.86			$(5.92-5.90) \times (92.94+92.97) / 2$	1.86		
			$(6.00-5.92) \times (92.94+92.94) / 2$	7.44		
L-18	R2		$(6.84-6.00) \times (92.97+92.94) / 2$	78.08		
317.86			$(6.00-6.84) \times (92.97+92.97) / 2$	-78.09		
L-19	R1		$(-1.09--2.88) \times (92.31+92.32) / 2$	165.24	0.01	
342.89			$(-1.00--1.09) \times (92.35+92.31) / 2$	8.31		
			$(-2.88--1.00) \times (92.69+92.69) / 2$	-174.26		
L-19	S1		$(5.50-5.92) \times (92.02+92.01) / 2$	-38.65	0.71	
342.89			$(-1.00-5.50) \times (92.19+92.02) / 2$	-598.68		
			$(-0.87--1.00) \times (92.40+92.35) / 2$	12.01		
			$(0.68--0.87) \times (92.35+92.40) / 2$	143.18		
			$(0.74-0.68) \times (92.40+92.35) / 2$	5.54		
			$(5.92-0.74) \times (92.42+92.40) / 2$	478.68		
L-19	S2		$(6.00-5.92) \times (92.42+92.42) / 2$	7.39	2.08	
342.89			$(6.42-6.00) \times (92.00+92.42) / 2$	38.73		
			$(5.92-6.42) \times (92.01+92.00) / 2$	-46.00		
L-19	R2		$(5.90-6.01) \times (92.52+92.52) / 2$	-10.18	0.12	
342.89			$(6.00-5.90) \times (92.42+92.52) / 2$	9.25		
			$(6.01-6.00) \times (92.42+92.42) / 2$	0.92		
L-19	R3		$(7.09-6.01) \times (92.42+92.42) / 2$	99.81	0.01	
342.89			$(6.91-7.09) \times (92.52+92.42) / 2$	-16.64		
			$(6.01-6.91) \times (92.52+92.52) / 2$	-83.27		
L-20	R1		$(-1.49--3.84) \times (92.05+92.04) / 2$	216.31	0.10	
367.91			$(-1.26--1.49) \times (92.09+92.05) / 2$	21.18		
			$(-1.00--1.26) \times (92.07+92.09) / 2$	23.94		
			$(-3.84--1.00) \times (92.24+92.24) / 2$	-261.96		
L-20	S1		$(5.50-5.94) \times (91.58+91.56) / 2$	-40.29	0.53	
367.91			$(-1.00-5.50) \times (91.74+91.58) / 2$	-595.79		
			$(0.15--1.00) \times (91.97+92.07) / 2$	105.82		
			$(0.35-0.15) \times (92.10+91.97) / 2$	18.41		
			$(5.94-0.35) \times (91.96+92.10) / 2$	514.45		
L-20	S2		$(6.00-5.94) \times (91.96+91.96) / 2$	5.52	2.60	
367.91			$(5.94-6.00) \times (91.56+91.56) / 2$	-5.49		
L-20	S3		$(6.01-6.00) \times (91.96+91.96) / 2$	0.92	0.03	
A RIPORTARE mq				0.92		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
				RIPORTO mq	0.92	
367.91			$(6.42-6.01) \times (91.55+91.96) / 2$	37.62		
			$(6.00-6.42) \times (91.56+91.55) / 2$	-38.45		
L-20	R2		$(7.15-6.01) \times (91.93+91.96) / 2$	104.82	0.09	
367.91			$(6.91-7.15) \times (92.07+91.93) / 2$	-22.08		
			$(5.90-6.91) \times (92.07+92.07) / 2$	-92.99		
			$(6.01-5.90) \times (91.96+92.07) / 2$	10.12		
L-21	R1		$(-1.82-4.79) \times (91.69+91.70) / 2$	272.33		
392.93			$(-1.69-1.82) \times (91.78+91.69) / 2$	11.93		
			$(-1.00-1.69) \times (91.72+91.78) / 2$	63.31		
			$(-4.79-1.00) \times (91.82+91.82) / 2$	-348.00		
L-21	S1		$(-0.21-1.00) \times (91.65+91.72) / 2$	72.43		
392.93			$(-0.08-0.21) \times (91.78+91.65) / 2$	11.92		
			$(5.94-0.08) \times (91.61+91.78) / 2$	552.00		
			$(6.42-5.94) \times (91.14+91.61) / 2$	43.86		
			$(5.50-6.42) \times (91.16+91.14) / 2$	-83.86		
			$(-1.00-5.50) \times (91.32+91.16) / 2$	-593.06		
L-21	R2		$(5.90-6.01) \times (91.65+91.65) / 2$	-10.08		
392.93			$(5.94-5.90) \times (91.61+91.65) / 2$	3.67		
			$(6.01-5.94) \times (91.61+91.61) / 2$	6.41		
L-21	R3		$(6.01-6.05) \times (91.65+91.65) / 2$	-3.67		
392.93			$(6.05-6.01) \times (91.61+91.61) / 2$	3.66		
L-21	R4		$(7.03-6.05) \times (91.58+91.61) / 2$	89.76	0.01	
392.93			$(6.91-7.03) \times (91.65+91.58) / 2$	-10.99		
			$(6.05-6.91) \times (91.65+91.65) / 2$	-78.82		
L-22	R1		$(5.90-6.08) \times (91.38+91.38) / 2$	-16.45		
418.28			$(6.05-5.90) \times (91.24+91.38) / 2$	13.70		
			$(6.08-6.05) \times (91.24+91.24) / 2$	2.74		
L-22	R2		$(7.26-6.08) \times (91.18+91.24) / 2$	107.63		
418.28			$(6.91-7.26) \times (91.38+91.18) / 2$	-31.95		
			$(6.08-6.91) \times (91.38+91.38) / 2$	-75.85		
L-23	S1		$(-6.84-2.65) \times (91.44+91.44) / 2$	-383.13		
443.84			$(-2.80-6.84) \times (91.45+91.57) / 2$	369.70		
			$(-2.72-2.80) \times (91.46+91.45) / 2$	7.32		
			$(-2.65-2.72) \times (91.48+91.46) / 2$	6.40		
L-23	S2		$(-2.53-2.65) \times (91.51+91.48) / 2$	10.98		
443.84			$(-1.80-2.53) \times (91.50+91.51) / 2$	66.80		
			$(-1.57-1.80) \times (91.44+91.50) / 2$	21.04		
			$(-2.65-1.57) \times (91.44+91.44) / 2$	-98.76		
L-23	R1		$(-1.57-1.18) \times (91.44+91.44) / 2$	-35.66	0.06	
443.84			$(-1.18-1.57) \times (91.34+91.44) / 2$	35.64		
				A RIPORTARE mq	0.02	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
				RIPORTO mq	0.02	
L-23	R2		$(-1.06-1.18) \times (91.30+91.34) / 2$	10.96	0.02	
443.84			$(-1.00-1.06) \times (91.40+91.30) / 2$	5.48		
			$(-1.18-1.00) \times (91.44+91.44) / 2$	-16.46		
					0.02	
L-23	S4		$(5.50-6.05) \times (90.74+90.72) / 2$	-49.90		
443.84			$(-1.00-5.50) \times (90.94+90.74) / 2$	-590.46		
			$(-0.92-1.00) \times (91.51+91.40) / 2$	7.32		
			$(6.05-0.92) \times (91.06+91.51) / 2$	636.26		
					3.22	
L-23	S5		$(6.08-6.05) \times (91.06+91.06) / 2$	2.73		
443.84			$(6.42-6.08) \times (90.71+91.06) / 2$	30.90		
			$(6.05-6.42) \times (90.72+90.71) / 2$	-33.56		
					0.07	
L-23	R3		$(6.80-6.08) \times (91.01+91.06) / 2$	65.55		
443.84			$(7.93-6.80) \times (91.00+91.01) / 2$	102.84		
			$(9.12-7.93) \times (90.63+91.00) / 2$	108.07		
			$(10.48-9.12) \times (90.00+90.63) / 2$	122.83		
			$(11.11-10.48) \times (89.58+90.00) / 2$	56.57		
			$(6.91-11.11) \times (91.23+90.87) / 2$	-382.41		
			$(5.90-6.91) \times (91.23+91.23) / 2$	-92.14		
			$(6.08-5.90) \times (91.06+91.23) / 2$	16.41		
					2.28	
L-24	R1		$(-7.64-2.85) \times (94.32+91.59) / 2$	-445.25		
463.47			$(-8.64-7.64) \times (94.32+94.32) / 2$	-94.32		
			$(-2.85-8.64) \times (91.42+91.64) / 2$	529.96		
					9.61	
L-24	R2		$(-2.84-2.85) \times (91.42+91.42) / 2$	0.91		
463.47			$(-2.81-2.84) \times (91.46+91.42) / 2$	2.74		
			$(-2.65-2.81) \times (91.47+91.46) / 2$	14.63		
			$(-2.85-2.65) \times (91.59+91.47) / 2$	-18.31		
					0.03	
L-24	S1		$(-2.50-1.57) \times (91.39+91.39) / 2$	-84.99		
463.47			$(-2.65-2.50) \times (91.47+91.39) / 2$	-13.71		
			$(-2.16-2.65) \times (91.50+91.47) / 2$	44.83		
			$(-1.57-2.16) \times (91.48+91.50) / 2$	53.98		
					0.11	
L-24	S2		$(-1.20-1.57) \times (91.46+91.48) / 2$	33.84		
463.47			$(-1.18-1.20) \times (91.39+91.46) / 2$	1.83		
			$(-1.57-1.18) \times (91.39+91.39) / 2$	-35.64		
					0.03	
L-24	R3		$(-1.18-1.00) \times (91.39+91.39) / 2$	-16.45		
463.47			$(-1.16-1.18) \times (91.32+91.39) / 2$	1.83		
			$(-1.00-1.16) \times (91.31+91.32) / 2$	14.61		
					0.01	
L-24	S3		$(5.50-5.90) \times (90.64+90.63) / 2$	-36.25		
463.47			$(-1.00-5.50) \times (90.89+90.64) / 2$	-589.97		
			$(5.90-1.00) \times (91.00+91.31) / 2$	628.97		
					2.75	
				A RIPORTARE mq		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTIO mq						
L-24	S4		(6.01-5.90)x(91.00+91.00)/2	10.01		
463.47			(6.05-6.01)x(90.99+91.00)/2	3.64		
			(6.43-6.05)x(90.61+90.99)/2	34.50		
			(5.90-6.43)x(90.63+90.61)/2	-48.03		
					0.12	
L-24	R5		(5.90-6.08)x(91.13+91.13)/2	-16.40		
463.47			(6.05-5.90)x(90.99+91.13)/2	13.66		
			(6.08-6.05)x(90.98+90.99)/2	2.73		
					0.01	
L-24	R6		(6.63-6.08)x(90.79+90.98)/2	49.99		
463.47			(7.89-6.63)x(90.58+90.79)/2	114.26		
			(6.91-7.89)x(91.13+90.58)/2	-89.04		
			(6.08-6.91)x(91.13+91.13)/2	-75.64		
					0.43	
L-25	R1		(-13.41--3.28)x(97.57+91.78)/2	-959.06		
489.53			(-14.41--13.41)x(97.57+97.57)/2	-97.57		
			(-11.16--14.41)x(91.94+92.87)/2	300.32		
			(-8.91--11.16)x(92.00+91.94)/2	206.93		
			(-3.28--8.91)x(91.49+92.00)/2	516.52		
					32.86	
L-25	R2		(-2.88--3.28)x(91.45+91.49)/2	36.59		
489.53			(-2.85--2.88)x(91.54+91.45)/2	2.74		
			(-3.28--2.85)x(91.78+91.54)/2	-39.41		
					0.08	
L-25	S1		(-2.85--2.65)x(91.54+91.42)/2	-18.30		
489.53			(-2.81--2.85)x(91.65+91.54)/2	3.66		
			(-2.65--2.81)x(91.63+91.65)/2	14.66		
					0.02	
L-25	S2		(-2.46--1.18)x(91.31+91.31)/2	-116.88		
489.53			(-2.65--2.46)x(91.42+91.31)/2	-17.36		
			(-1.37--2.65)x(91.50+91.63)/2	117.20		
			(-1.18--1.37)x(91.45+91.50)/2	17.38		
					0.34	
L-25	S3		(-1.18--1.00)x(91.31+91.31)/2	-16.44		
489.53			(-1.11--1.18)x(91.43+91.45)/2	6.40		
			(-1.00--1.11)x(91.42+91.43)/2	10.06		
					0.02	
L-25	S4		(5.90--1.00)x(91.03+91.42)/2	629.45		
489.53			(6.43-5.90)x(90.51+91.03)/2	48.11		
			(5.50-6.43)x(90.55+90.51)/2	-84.19		
			(-1.00-5.50)x(90.81+90.55)/2	-589.42		
					3.95	
L-25	R3		(5.90-6.05)x(91.04+91.04)/2	-13.66		
489.53			(6.05-5.90)x(91.03+91.03)/2	13.65		
					0.01	
L-25	R4		(6.52-6.05)x(91.00+91.03)/2	42.78		
489.53			(6.53-6.52)x(90.88+91.00)/2	0.91		
			(7.98-6.53)x(90.43+90.88)/2	131.45		
			(6.91-7.98)x(91.04+90.43)/2	-97.09		
			(6.05-6.91)x(91.04+91.04)/2	-78.29		
					0.24	
A RIPORTARE mq						

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

		CALCOLO DELLE AREE		Foglio n. 12	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
L-26	R1	(-15.93-16.50)x(94.55+94.67)/2	53.93		
504.59		(-14.68-15.93)x(94.00+94.55)/2	117.84		
		(-13.62-14.68)x(93.00+94.00)/2	99.11		
		(-13.41-13.62)x(92.91+93.00)/2	19.52		
		(-11.11-13.41)x(91.92+92.91)/2	212.55		
		(-8.05-11.11)x(92.00+91.92)/2	281.40		
		(-3.28-8.05)x(91.63+92.00)/2	437.96		
		(-16.50-3.28)x(98.24+91.63)/2	-1255.04		
				32.73	
L-26	S1	(-3.28-2.85)x(91.63+91.41)/2	-39.35		
504.59		(-2.88-3.28)x(91.60+91.63)/2	36.65		
		(-2.85-2.88)x(91.60+91.60)/2	2.75		
				0.05	
L-26	S2	(5.50-5.90)x(90.50+90.48)/2	-36.20		
504.59		(-1.00-5.50)x(90.77+90.50)/2	-589.13		
		(-1.90-1.00)x(90.77+90.77)/2	-81.69		
		(-1.40-1.90)x(91.27+90.77)/2	45.51		
		(-2.57-1.40)x(91.27+91.27)/2	-106.79		
		(-2.85-2.57)x(91.41+91.27)/2	-25.58		
		(-2.73-2.85)x(91.59+91.60)/2	10.99		
		(-1.23-2.73)x(91.41+91.59)/2	137.25		
		(5.90-1.23)x(91.05+91.41)/2	650.47		
				4.83	
L-26	S3	(6.90-5.90)x(91.00+91.05)/2	91.03		
504.59		(6.93-6.90)x(91.01+91.00)/2	2.73		
		(6.91-6.93)x(90.99+91.01)/2	-1.82		
		(5.90-6.91)x(90.99+90.99)/2	-91.90		
				0.04	
L-26	S3	(6.43-5.90)x(90.46+90.99)/2	48.08		
504.59		(5.90-6.43)x(90.48+90.46)/2	-47.95		
				0.13	
L-27	S1	(-10.76-3.28)x(90.58+91.16)/2	-679.71		
519.75		(-8.42-10.76)x(92.00+91.94)/2	215.21		
		(-3.28-8.42)x(91.61+92.00)/2	471.88		
				7.38	
L-27	S2	(-3.07-3.28)x(91.59+91.61)/2	19.24		
519.75		(-1.43-3.07)x(91.42+91.59)/2	150.07		
		(6.84-1.43)x(91.00+91.42)/2	754.31		
		(6.94-6.84)x(90.97+91.00)/2	9.10		
		(6.91-6.94)x(90.95+90.97)/2	-2.73		
		(5.90-6.91)x(90.95+90.95)/2	-91.86		
		(6.43-5.90)x(90.42+90.95)/2	48.06		
		(5.50-6.43)x(90.46+90.42)/2	-84.11		
		(-1.00-5.50)x(90.72+90.46)/2	-588.84		
		(-1.90-1.00)x(90.73+90.72)/2	-81.65		
		(-1.40-1.90)x(91.23+90.73)/2	45.49		
		(-2.41-1.40)x(91.23+91.23)/2	-92.14		
		(-3.28-2.41)x(91.16+91.23)/2	-79.34		
				5.60	
L-28	S1	(5.90-6.54)x(90.93+90.93)/2	-58.20		
532.97		(6.43-5.90)x(90.40+90.93)/2	48.05		
		A RIPORTARE mq	-10.15		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

		CALCOLO DELLE AREE		Foglio n. 13	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			-10.15		
		(5.50-6.43)x(90.44+90.40)/2	-84.09		
		(-1.00-5.50)x(90.70+90.44)/2	-588.70		
		(-1.90-1.00)x(90.71+90.70)/2	-81.63		
		(-1.40-1.90)x(91.21+90.71)/2	45.48		
		(-2.41-1.40)x(91.21+91.21)/2	-92.12		
		(-6.75-2.41)x(90.84+91.21)/2	-395.05		
		(-3.20-6.75)x(91.59+91.88)/2	325.66		
		(-3.17-3.20)x(91.62+91.59)/2	2.75		
		(-1.58-3.17)x(91.62+91.62)/2	145.68		
		(-1.54-1.58)x(91.48+91.62)/2	3.66		
		(5.84-1.54)x(90.99+91.48)/2	673.31		
		(6.54-5.84)x(90.97+90.99)/2	63.69		
L-28	S2	(6.60-6.54)x(90.96+90.97)/2	5.46	8.49	
532.97		(7.00-6.60)x(90.99+90.96)/2	36.39		
		(6.91-7.00)x(90.93+90.99)/2	-8.19		
		(6.54-6.91)x(90.93+90.93)/2	-33.64		
L-29	S1	(-1.86-3.22)x(91.63+91.63)/2	124.62	0.02	
545.98		(-1.74-1.86)x(91.48+91.63)/2	10.99		
		(6.48-1.74)x(91.00+91.48)/2	749.99		
		(6.51-6.48)x(90.97+91.00)/2	2.73		
		(6.54-6.51)x(90.95+90.97)/2	2.73		
		(5.90-6.54)x(90.95+90.95)/2	-58.21		
		(6.43-5.90)x(90.42+90.95)/2	48.06		
		(5.50-6.43)x(90.46+90.42)/2	-84.11		
		(-1.00-5.50)x(90.73+90.46)/2	-588.87		
		(-1.90-1.00)x(90.74+90.73)/2	-81.66		
		(-1.40-1.90)x(91.24+90.74)/2	45.49		
		(-2.41-1.40)x(91.24+91.24)/2	-92.15		
		(-3.02-2.41)x(91.06+91.24)/2	-55.60		
		(-3.22-3.02)x(91.04+91.06)/2	-18.21		
L-29	R1	(6.91-7.00)x(90.95+90.90)/2	-8.18	5.80	
545.98		(6.54-6.91)x(90.95+90.95)/2	-33.65		
		(7.00-6.54)x(90.64+90.95)/2	41.77		
L-29	R2	(7.97-7.00)x(90.00+90.64)/2	87.61	0.06	
545.98		(10.54-7.97)x(89.00+90.00)/2	230.01		
		(11.89-10.54)x(88.00+89.00)/2	119.48		
		(14.35-11.89)x(86.94+88.00)/2	215.18		
		(12.62-14.35)x(87.70+86.94)/2	-151.06		
		(11.29-12.62)x(88.46+87.70)/2	-117.15		
		(10.54-11.29)x(89.01+88.46)/2	-66.55		
		(9.83-10.54)x(89.29+89.01)/2	-63.30		
		(7.00-9.83)x(90.90+89.29)/2	-254.97		
L-29	R3	(16.03-14.35)x(85.95+86.94)/2	145.23	0.75	
545.98		(17.60-16.03)x(85.00+85.95)/2	134.20		
		(18.89-17.60)x(83.98+85.00)/2	108.99		
		(20.60-18.89)x(83.96+83.98)/2	143.59		
A RIPORTARE mq			532.01		

TABULATI MOVIMENTI MATERIA

Codice documento

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Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				532.01		
			$(21.13-20.60) \times (83.98+83.96) / 2$	44.50		
			$(17.67-21.13) \times (85.95+83.98) / 2$	-293.98		
			$(16.05-17.67) \times (85.95+85.95) / 2$	-139.24		
			$(14.35-16.05) \times (86.94+85.95) / 2$	-146.96		
L-30	R1		$(5.90-6.54) \times (91.07+91.07) / 2$	-58.28	3.67	
565.71			$(6.43-5.90) \times (90.54+91.07) / 2$	48.13		
			$(5.50-6.43) \times (90.58+90.54) / 2$	-84.22		
			$(-2.16-5.50) \times (90.89+90.58) / 2$	-695.03		
			$(-1.23-2.16) \times (88.00+88.12) / 2$	81.90		
			$(6.54-1.23) \times (87.40+88.00) / 2$	681.43		
L-30	R2		$(7.09-14.35) \times (90.97+86.83) / 2$	-645.41	26.07	
565.71			$(6.91-7.09) \times (91.07+90.97) / 2$	-16.38		
			$(6.54-6.91) \times (91.07+91.07) / 2$	-33.70		
			$(7.09-6.54) \times (87.35+87.40) / 2$	48.06		
			$(11.49-7.09) \times (87.00+87.35) / 2$	383.57		
			$(13.49-11.49) \times (86.00+87.00) / 2$	173.00		
			$(14.35-13.49) \times (85.45+86.00) / 2$	73.72		
L-30	R3		$(15.05-14.35) \times (85.00+85.45) / 2$	59.66	17.14	
565.71			$(17.42-15.05) \times (84.00+85.00) / 2$	200.27		
			$(19.19-17.42) \times (83.00+84.00) / 2$	147.79		
			$(21.41-19.19) \times (82.74+83.00) / 2$	183.97		
			$(24.56-21.41) \times (82.14+82.74) / 2$	259.69		
			$(17.67-24.56) \times (86.07+82.14) / 2$	-579.48		
			$(15.75-17.67) \times (86.07+86.07) / 2$	-165.25		
			$(15.60-15.75) \times (86.11+86.07) / 2$	-12.91		
			$(14.35-15.60) \times (86.83+86.11) / 2$	-108.09	14.35	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO STERRI E RIPORTI										Foglio n. 16	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
RIPORTO :						606.733		1884.036	0.507		
								606.733			
L-6	S1	29.70		(95.58)							
L-7	S1	27.80		(113.70)	18.12	520.950					
								520.950			
L-7	S1	27.80		(113.70)							
L-8	S1	21.47		(132.03)	18.33	451.560					
								451.560			
L-8	S1	21.47		(132.03)							
L-9	S1	18.86		(148.06)	16.03	323.245					
								323.245			
L-9	S1	18.86		(148.06)							
L-10	S1	14.36		(164.10)	16.04	266.424					
								266.424			
L-10	S1	14.36		(164.10)							
L-11	S1	3.31		(182.42)	18.32	239.168					
	S2	8.44									
								239.168			
L-11	S1	3.31		(182.42)	18.08	29.922					
				3.31*18.13	18.08						
				3.31+0.01							
L-12	R1		0.01	(200.55)							
	R2		0.00		0.05		0.000				
L-11	S2	8.44		(182.42)							
L-12	S1	6.81		(200.55)	18.13	138.241					
								168.163			
L-12	R1		0.01	(200.55)							
L-13	R1		0.05	(218.59)	18.04		0.541				
L-12	R2		0.00	(200.55)	0.00		0.000				
A RIPORTARE :							0.541	4460.279	0.507		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

<i>Rev</i>	<i>Data</i>
F0	20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A L

COMPUTO STERRI E RIPORTI										Foglio n. 17		
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI				
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc			
						RIPORTO :		0.000	0.541	4460.279	0.507	
				0.00*18.04 ████████████████████								
				0.00+0.29								
L-13	S1	0.29		(218.59)	18.04	2.616						
L-12	S1	6.81		(200.55)								
L-13	S2	7.27		(218.59)	18.04	127.002						
										129.618	0.541	
L-13	R1		0.05	(218.59)	1.18		0.029					
				0.05*19.16 ████████████████████								
				0.05+0.76								
L-14	S1	0.76		(237.75)	17.98	6.832						
L-13	S1	0.29		(218.59)								
	S2	7.27										
L-14	S2	6.77		(237.75)	19.16	137.281						
										144.113	0.029	
L-14	S1	0.76		(237.75)								
	S2	6.77										
L-15	S1	0.01		(255.85)	18.10	153.578						
	S2	9.43										
										153.578		
L-15	S1	0.01		(255.85)	9.03	0.045						
				0.01*18.06 ████████████████████								
				0.01+0.01								
L-16	R2		0.01	(273.91)	9.03		0.045					
L-15	S2	9.43		(255.85)								
L-16	S3	9.83		(273.91)	18.06	173.918						
L-15	S0	0.00		(255.85)								
L-16	S1	1.13		(273.91)	18.06	10.204						
L-15	S0	0.00		(255.85)								
L-16	S2	0.13		(273.91)	18.06	1.174						
L-15	R0		0.00	(255.85)								
L-16	R1		0.06	(273.91)	18.06		0.542					
										185.341	0.587	
						A RIPORTARE :						

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO STERRI E RIPORTI										Foglio n. 18	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
RIPORTO :											
L-16	S1	1.13		(273.91)	7.89	4.458					
				1.13*18.93	7.89						
				1.13+1.58							
L-17	R1		1.58	(292.84)	11.04		8.722				
L-16	S2	0.13		(273.91)	18.93	3.029					
L-17	S1	0.19		(292.84)							
L-16	R1		0.06	(273.91)	3.16		0.111				
	R2		0.01		3.16						
				0.07*18.93	3.16						
				0.07+0.35							
L-17	S2	0.35		(292.84)	15.77	2.760					
L-16	S3	9.83		(273.91)	18.93	172.831					
L-17	S3	3.43		(292.84)							
	S4	4.17									
	S5	0.83						183.078	8.833		
L-17	R1		1.58	(292.84)	25.02		19.766				
L-18	R0		0.00	(317.86)							
L-17	S1	0.19		(292.84)	25.02	2.377					
L-18	S0	0.00		(317.86)							
L-17	S2	0.35		(292.84)	25.02	4.378					
L-18	S0	0.00		(317.86)							
L-17	S3	3.43		(292.84)	25.02	42.909					
L-18	S0	0.00		(317.86)							
L-17	S4	4.17		(292.84)	25.02	84.192					
L-18	S1	2.56		(317.86)							
L-17	S5	0.83		(292.84)	24.72	10.259					
				0.83*25.02	24.72						
				0.83+0.01							
L-18	R1		0.00	(317.86)	0.30		0.002				
	R2		0.01								
								144.115	19.768		
A RIPORTARE :								5400.122	30.265		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO STERRI E RIPORTI										Foglio n. 19	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mc	RIPORTO mc			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :	0.000	5400.122	30.265		
L-18	S1	2.56		(317.86)							
L-19	S1	2.08		(342.89)	25.03	58.070					
L-18	R1		0.00	(317.86)	0.00		0.000				
				0.00*25.03	0.00						
				0.00+0.12	0.00						
L-19	S2	0.12		(342.89)	25.03	1.502					
L-18	R2		0.01	(317.86)	25.03		1.502				
L-19	R2		0.01	(342.89)							
	R3		0.10								
L-18	R0		0.00	(317.86)	25.03		8.886				
L-19	R1		0.71	(342.89)				59.572	10.388		
L-19	R1		0.71	(342.89)	25.02		15.512				
L-20	R1		0.53	(367.91)							
L-19	S1	2.08		(342.89)	25.02	58.922					
L-20	S1	2.60		(367.91)							
	S2	0.03									
L-19	R2		0.01	(342.89)	2.50		0.013				
				0.01*25.02	2.50						
				0.01+0.09	2.50						
L-20	S3	0.09		(367.91)	22.52	1.013					
L-19	S2	0.12		(342.89)	25.02	34.402					
L-20	S1	2.60		(367.91)							
	S2	0.03									
L-19	R3		0.10	(342.89)	25.02		2.877				
L-20	R2		0.13	(367.91)				94.337	18.402		
L-20	R1		0.53	(367.91)	25.02		12.010				
L-21	R1		0.43	(392.93)							
L-20	S1	2.60		(367.91)	25.02	73.684					
L-21	S1	3.29		(392.93)							
						A RIPORTARE :	73.684	12.010	5554.031	59.055	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A L

COMPUTO STERRI E RIPORTI										Foglio n. 20			
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI					
		STERRO mc	RIPORTO mc			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc				
						RIPORTO :				73.684	12.010	5554.031	59.055
L-20	S2	0.03		(367.91)									
	S3	0.09			25.02	1.501							
				0.12*25.02	25.02								
				0.12+0.00									
L-21	R2		0.00	(392.93)	0.00		0.000						
L-20	R2		0.13	(367.91)	25.02		2.377						
L-21	R3		0.01	(392.93)								75.185	14.387
	R4		0.05										
L-21	R1		0.43	(392.93)	25.35		5.450						
L-22	R0		0.00	(418.28)									
L-21	S1	3.29		(392.93)	25.35	41.701							
L-22	S0	0.00		(418.28)									
L-21	R2		0.00	(392.93)	25.35		0.000						
L-22	R0		0.00	(418.28)									
L-21	R3		0.01	(392.93)	25.35		0.127						
L-22	R0		0.00	(418.28)									
L-21	R4		0.05	(392.93)	25.35		2.915						
L-22	R1		0.01	(418.28)								41.701	8.492
	R2		0.17										
L-22	R1		0.01	(418.28)	0.08		0.000						
				0.01*25.56	0.08								
				0.01+3.29									
L-23	S3	0.00		(443.84)									
	S4	3.22			25.48	41.915							
	S5	0.07											
L-22	R2		0.17	(418.28)	25.56		31.311						
L-23	R3		2.28	(443.84)									
L-22	S0	0.00		(418.28)	25.56	3.706							
L-23	S1	0.29		(443.84)									
L-22	S0	0.00		(418.28)	25.56	0.767							
						A RIPORTARE :				46.388	31.311	5670.917	81.934

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

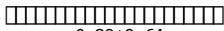
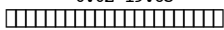
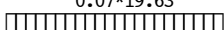
Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO STERRI E RIPORTI										Foglio n. 21	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :		46.388	31.311	5670.917	81.934
L-23	S2	0.06		(443.84)							
L-22	R0		0.00	(418.28)							
L-23	R1		0.02	(443.84)	25.56		0.256				
L-22	R0		0.00	(418.28)							
L-23	R2		0.02	(443.84)	25.56		0.256				
								46.388		31.823	
L-23	S1	0.29		(443.84)	0.57	0.083					
				0.29*19.63							
					0.57						
				0.29+9.64							
L-24	R1		9.61	(463.47)							
L-24	R2		0.03		19.06		91.869				
L-23	S2	0.06		(443.84)							
L-24	S1	0.11		(463.47)	19.63	1.669					
L-23	R1		0.02	(443.84)	7.85		0.079				
				0.02*19.63							
					7.85						
				0.02+0.03							
L-24	S2	0.03		(463.47)	11.78	0.177					
L-23	R2		0.02	(443.84)							
L-24	R3		0.01	(463.47)	19.63		0.294				
L-23	S4	3.22		(443.84)							
L-24	S3	2.75		(463.47)	19.63	59.773					
L-24	S4	0.12									
L-23	S5	0.07		(443.84)	17.18	0.601					
				0.07*19.63							
					17.18						
				0.07+0.01							
L-24	R5		0.01	(463.47)	2.45		0.012				
L-23	R3		2.28	(443.84)							
L-24	R6		0.43	(463.47)	19.63		26.599				
								62.303		118.853	
L-24	R1		9.61	(463.47)							
L-25	R1		32.86	(489.53)	26.06		554.426				
L-25	R2		0.08								
						A RIPORTARE :		554.426	5779.608	232.610	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A L

COMPUTO STERRI E RIPORTI										Foglio n. 22	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :	0.000	554.426	5779.608	232.610	
L-24	R2		0.03	(463.47)	15.64		0.235				
				0.03*26.06	15.64						
				0.03+0.02							
L-25	S1	0.02		(489.53)	10.42	0.104					
L-24	S1	0.11		(463.47)							
	S2	0.03			26.06	6.254					
L-25	S2	0.34		(489.53)							
L-24	R3		0.01	(463.47)	8.69		0.043				
	R4		0.00		8.69						
				0.01*26.06							
				0.01+0.02							
L-25	S3	0.02		(489.53)	17.37	0.174					
L-24	S3	2.75		(463.47)	26.06	87.301					
L-25	S4	3.95		(489.53)							
L-24	R5		0.01	(463.47)	26.06		3.257				
L-25	R4		0.24	(489.53)							
L-24	S4	0.12		(463.47)	24.06	1.444					
				0.12*26.06	24.06						
				0.12+0.01							
L-25	R3		0.01	(489.53)	2.00		0.010				
L-24	R6		0.43	(463.47)	26.06		8.730				
L-25	R4		0.24	(489.53)						95.277	566.701
L-25	R1		32.86	(489.53)	15.06		493.893				
L-26	R1		32.73	(504.59)							
L-25	R2		0.08	(489.53)	9.27		0.371				
				0.08*15.06	9.27						
				0.08+0.05							
L-26	S1	0.05		(504.59)	5.79	0.145					
L-25	S1	0.02		(489.53)							
	S2	0.34									
	S3	0.02									
	S4	3.95									
L-26	S2	4.83		(504.59)	15.06	68.975					
						A RIPORTARE :	69.120	494.264	5874.885	799.311	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO STERRI E RIPORTI										Foglio n. 23	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :		69.120	494.264	5874.885	799.311
L-25	R3		0.01	(489.53)							
	R4		0.24			8.96		1.120			
				0.25*15.06		8.96					
				0.25+0.17							
L-26	S3	0.13		(504.59)		6.10	0.518				
	S3	0.04								69.638	495.384
L-26	R1		32.73	(504.59)		12.37		202.435			
				32.73*15.16		12.37					
				32.73+7.38							
L-27	S1	7.38		(519.75)		2.79	10.295				
L-26	S1	0.05		(504.59)							
	S2	4.83									
	S3	0.13									
	S3	0.04				15.16	80.727				
L-27	S2	5.60		(519.75)						91.022	202.435
L-27	S1	7.38		(519.75)							
	S2	5.60									
L-28	S1	8.49		(532.97)		13.22	142.049				
	S2	0.02								142.049	
L-28	S1	8.49		(532.97)							
L-29	S1	5.80		(545.98)		13.01	92.956				
L-28	S2	0.02		(532.97)		3.25	0.033				
				0.02*13.01		3.25					
				0.02+0.06							
L-29	R1		0.06	(545.98)		9.76		0.293			
L-28	R0		0.00	(532.97)							
L-29	R2		0.75	(545.98)		13.01		4.879			
L-28	R0		0.00	(532.97)							
L-29	R3		3.67	(545.98)		13.01		23.873			
										92.989	29.045
L-29	S1	5.80		(545.98)		3.59	10.411				
						A RIPORTARE :		10.411	6270.583	1526.175	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO STERRI E RIPORTI										Foglio n. 24	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI		STERRO mc	RIPORTO mc
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc				
						RIPORTO :		10.411	6270.583	1526.175	
				5.80*19.73							
				5.80+26.07	3.59						
L-30	R1		26.07	(565.71)	16.14		210.385				
L-29	R1		0.06	(545.98)							
	R2		0.75		19.73		177.077				
L-30	R2		17.14	(565.71)							
L-29	R3		3.67	(545.98)	19.73		177.767				
L-30	R3		14.35	(565.71)					10.411	565.229	
Il Direttore dei Lavori						L'Impresa		Totale Articoli	6280.994	2091.404	
								A dedurre quantita' precedenti:			
								Quantita' da contabilizzare ...			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

		CALCOLO DELLE AREE		Foglio n. 25	
VEGETALE IN RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
L-10	C1	(-10.83-11.11)x(96.93+96.75)/2	27.12		
164.10		(-9.61-10.83)x(96.93+96.93)/2	118.25		
		(-11.11-9.61)x(96.75+96.87)/2	-145.22		
				0.15	
L-11	C1	(-11.37-11.38)x(95.97+96.55)/2	0.96		
182.42		(-10.48-11.37)x(96.25+95.97)/2	85.54		
		(-9.96-10.48)x(96.32+96.25)/2	50.07		
		(-9.83-9.96)x(96.45+96.32)/2	12.53		
		(-11.38-9.83)x(96.55+96.55)/2	-149.65		
				0.55	
L-12	C1	(6.00-4.70)x(96.67+96.67)/2	125.67		
200.55		(6.06-6.00)x(96.64+96.67)/2	5.80		
		(4.70-6.06)x(96.57+96.64)/2	-131.38		
				0.09	
L-12	C2	(-6.08-6.58)x(96.31+95.98)/2	48.07		
200.55		(-4.78-6.08)x(96.31+96.31)/2	125.20		
		(-4.98-4.78)x(96.01+96.21)/2	-19.22		
		(-5.99-4.98)x(96.01+96.01)/2	-96.97		
		(-6.03-5.99)x(95.99+96.01)/2	-3.84		
		(-6.58-6.03)x(95.98+95.99)/2	-52.79		
				0.45	
L-13	C1	(-6.43-7.05)x(95.73+95.32)/2	59.23		
218.59		(-5.13-6.43)x(95.73+95.73)/2	124.45		
		(-5.30-5.13)x(95.46+95.63)/2	-16.24		
		(-5.33-5.30)x(95.43+95.46)/2	-2.86		
		(-5.55-5.33)x(95.43+95.43)/2	-20.99		
		(-5.76-5.55)x(95.43+95.43)/2	-20.04		
		(-6.34-5.76)x(95.43+95.43)/2	-55.35		
		(-6.47-6.34)x(95.35+95.43)/2	-12.40		
		(-7.05-6.47)x(95.32+95.35)/2	-55.29		
				0.51	
L-14	C1	(-7.34-7.68)x(95.13+94.90)/2	32.31		
237.75		(-6.04-7.34)x(95.13+95.13)/2	123.67		
		(-6.13-6.04)x(94.93+95.03)/2	-8.55		
		(-7.68-6.13)x(94.90+94.93)/2	-147.12		
				0.31	
L-14	C2	(6.01-4.71)x(95.48+95.48)/2	124.12		
237.75		(6.02-6.01)x(95.48+95.48)/2	0.95		
		(4.71-6.02)x(95.39+95.48)/2	-125.02		
				0.05	
L-15	C1	(-8.78-8.92)x(94.55+94.46)/2	13.23		
255.85		(-7.48-8.78)x(94.55+94.55)/2	122.91		
		(-7.66-7.48)x(94.27+94.45)/2	-16.98		
		(-8.92-7.66)x(94.46+94.27)/2	-118.90		
				0.26	
L-16	C1	(-8.69-9.76)x(94.04+94.04)/2	100.62		
273.91		(-8.89-8.69)x(93.74+93.94)/2	-18.77		
		(-9.76-8.89)x(93.74+93.74)/2	-81.55		
				0.30	
L-17	C1	(-10.99-15.20)x(93.69+91.28)/2	389.36		
292.84		(-9.69-10.99)x(93.69+93.69)/2	121.80		
		(-9.89-9.69)x(93.39+93.59)/2	-18.70		
		(-10.90-9.89)x(93.39+93.39)/2	-94.32		
		A RIPORTARE mq	398.14		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				398.14		
			$(-14.00-10.90) \times (91.61+93.39) / 2$	-286.75		
			$(-15.20-14.00) \times (91.28+91.61) / 2$	-109.73		
L-18	C1		$(5.90-6.91) \times (92.97+92.97) / 2$	-93.90	1.66	
317.86			$(5.70-5.90) \times (93.17+92.97) / 2$	-18.61		
			$(7.00-5.70) \times (93.27+93.27) / 2$	121.25		
			$(7.49-7.00) \times (92.98+93.27) / 2$	45.63		
			$(6.91-7.49) \times (92.97+92.98) / 2$	-53.93		
L-19	C1		$(-2.88-1.00) \times (92.99+92.99) / 2$	-174.82	0.44	
342.89			$(-1.00-2.88) \times (92.69+92.69) / 2$	174.26		
L-19	C2		$(6.91-7.09) \times (92.52+92.42) / 2$	-16.64	0.56	
342.89			$(5.90-6.91) \times (92.52+92.52) / 2$	-93.45		
			$(5.70-5.90) \times (92.72+92.52) / 2$	-18.52		
			$(7.00-5.70) \times (92.82+92.82) / 2$	120.67		
			$(7.70-7.00) \times (92.42+92.82) / 2$	64.83		
			$(7.09-7.70) \times (92.42+92.42) / 2$	-56.38		
L-20	C1		$(-3.84-1.00) \times (92.54+92.54) / 2$	-262.81	0.51	
367.91			$(-1.00-3.84) \times (92.24+92.24) / 2$	261.96		
L-20	C2		$(6.91-7.15) \times (92.07+91.93) / 2$	-22.08	0.85	
367.91			$(5.90-6.91) \times (92.07+92.07) / 2$	-92.99		
			$(5.70-5.90) \times (92.27+92.07) / 2$	-18.43		
			$(7.00-5.70) \times (92.37+92.37) / 2$	120.08		
			$(7.79-7.00) \times (91.92+92.37) / 2$	72.79		
			$(7.15-7.79) \times (91.93+91.92) / 2$	-58.83		
L-21	C1		$(-4.79-1.00) \times (92.12+92.12) / 2$	-349.13	0.54	
392.93			$(-1.00-4.79) \times (91.82+91.82) / 2$	348.00		
L-21	C2		$(6.91-7.03) \times (91.65+91.58) / 2$	-10.99	1.13	
392.93			$(5.90-6.91) \times (91.65+91.65) / 2$	-92.57		
			$(5.70-5.90) \times (91.85+91.65) / 2$	-18.35		
			$(7.00-5.70) \times (91.95+91.95) / 2$	119.53		
			$(7.68-7.00) \times (91.56+91.95) / 2$	62.39		
			$(7.03-7.68) \times (91.58+91.56) / 2$	-59.52		
L-22	C1		$(-5.75-1.00) \times (91.85+91.85) / 2$	-436.29	0.49	
418.28			$(-1.00-5.75) \times (91.56+91.63) / 2$	435.08		
L-22	C2		$(6.91-7.26) \times (91.38+91.18) / 2$	-31.95	1.21	
418.28			$(5.90-6.91) \times (91.38+91.38) / 2$	-92.29		
			$(5.70-5.90) \times (91.58+91.38) / 2$	-18.30		
			$(7.00-5.70) \times (91.68+91.68) / 2$	119.18		
			$(8.13-7.00) \times (91.04+91.68) / 2$	103.24		
			$(7.26-8.13) \times (91.18+91.04) / 2$	-79.27		
L-23	C1		$(-1.00-1.57) \times (91.44+91.44) / 2$	52.12	0.61	
443.84			$(-6.84-1.00) \times (91.74+91.74) / 2$	-535.76		
A RIPORTARE mq				-483.64		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

CALCOLO DELLE AREE		Foglio n. 27	
VEGETALE IN RILEVATO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	-483.64
		$(-1.57-6.84) \times (91.44+91.57) / 2$	482.23
L-23	C2	$(6.91-11.11) \times (91.23+90.87) / 2$	1.41
443.84		$(5.90-6.91) \times (91.23+91.23) / 2$	-382.41
		$(5.70-5.90) \times (91.43+91.23) / 2$	-92.14
		$(7.00-5.70) \times (91.53+91.53) / 2$	-18.27
		$(11.11-7.00) \times (91.17+91.53) / 2$	118.99
			375.45
L-24	C2	$(-1.00-1.18) \times (91.39+91.39) / 2$	1.62
463.47		$(-2.50-1.00) \times (91.69+91.69) / 2$	16.45
		$(-7.64-2.50) \times (94.62+91.69) / 2$	-137.54
		$(-8.64-7.64) \times (94.62+94.62) / 2$	-478.82
		$(-7.64-8.64) \times (94.32+94.32) / 2$	-94.62
		$(-2.65-7.64) \times (91.47+94.32) / 2$	94.32
		$(-1.18-2.65) \times (91.39+91.47) / 2$	463.55
			134.40
L-24	C1	$(6.91-7.89) \times (91.13+90.58) / 2$	2.26
463.47		$(5.90-6.91) \times (91.13+91.13) / 2$	-89.04
		$(5.70-5.90) \times (91.33+91.13) / 2$	-92.04
		$(7.00-5.70) \times (91.43+91.43) / 2$	-18.25
		$(8.77-7.00) \times (90.42+91.43) / 2$	118.86
		$(7.89-8.77) \times (90.58+90.42) / 2$	160.94
			-79.64
L-25	C1	$(-2.46-1.00) \times (91.61+91.61) / 2$	0.83
489.53		$(-13.41-2.46) \times (97.87+91.61) / 2$	-133.75
		$(-14.41-13.41) \times (97.87+97.87) / 2$	-1037.40
		$(-13.41-14.41) \times (97.57+97.57) / 2$	-97.87
		$(-2.85-13.41) \times (91.54+97.57) / 2$	97.57
		$(-1.00-2.85) \times (91.42+91.54) / 2$	998.50
			169.24
L-25	C2	$(6.91-7.98) \times (91.04+90.43) / 2$	3.71
489.53		$(5.90-6.91) \times (91.04+91.04) / 2$	-97.09
		$(5.70-5.90) \times (91.24+91.04) / 2$	-91.95
		$(7.00-5.70) \times (91.34+91.34) / 2$	-18.23
		$(9.34-7.00) \times (90.00+91.34) / 2$	118.74
		$(7.98-9.34) \times (90.43+90.00) / 2$	212.17
			-122.69
L-26	C2	$(-1.20-1.26) \times (91.47+91.41) / 2$	0.95
504.59		$(-2.50-1.20) \times (91.57+91.57) / 2$	5.49
		$(-16.50-2.50) \times (98.58+91.57) / 2$	-119.04
		$(-3.28-16.50) \times (91.63+98.24) / 2$	-1331.05
		$(-1.26-3.28) \times (91.41+91.63) / 2$	1255.04
			184.87
L-26	C1	$(5.70-5.90) \times (91.19+90.99) / 2$	4.69
504.59		$(7.00-5.70) \times (91.29+91.29) / 2$	-18.22
		$(7.38-7.00) \times (91.07+91.29) / 2$	118.68
		$(5.90-7.38) \times (90.99+91.07) / 2$	34.65
			-134.72
L-27	C1	$(5.90-5.70) \times (90.95+91.15) / 2$	0.39
519.75		$(6.91-5.90) \times (90.95+90.95) / 2$	18.21
		$(8.33-6.91) \times (90.48+90.95) / 2$	91.86
			128.82
		A RIPORTARE mq	238.89

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

CALCOLO DELLE AREE		Foglio n. 28	
VEGETALE IN RILEVATO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	238,89
		$(7.00-8.33) \times (91.25+90.48) / 2$	-120,85
		$(5.70-7.00) \times (91.25+91.25) / 2$	-118,62
			0,58
L-27	C2	$(-1.43-2.39) \times (91.43+91.53) / 2$	87,82
519.75		$(-1.21-1.43) \times (91.42+91.43) / 2$	20,11
		$(-1.20-1.21) \times (91.43+91.42) / 2$	0,91
		$(-2.39-1.20) \times (91.53+91.53) / 2$	-108,92
			0,08
L-28	C1	$(6.91-5.90) \times (90.93+90.93) / 2$	91,84
532.97		$(11.61-6.91) \times (88.25+90.93) / 2$	421,07
		$(11.75-11.61) \times (88.51+88.25) / 2$	12,37
		$(7.00-11.75) \times (91.23+88.51) / 2$	-426,88
		$(5.70-7.00) \times (91.23+91.23) / 2$	-118,60
		$(5.90-5.70) \times (90.93+91.13) / 2$	18,21
			1,99
L-29	C1	$(17.75-21.71) \times (86.25+83.99) / 2$	-337,08
545.98		$(15.75-17.75) \times (86.25+86.25) / 2$	-172,50
		$(7.00-15.75) \times (91.25+86.25) / 2$	-776,56
		$(5.70-7.00) \times (91.25+91.25) / 2$	-118,62
		$(5.81-5.70) \times (91.05+91.15) / 2$	10,02
		$(5.90-5.81) \times (90.95+91.05) / 2$	8,19
		$(6.55-5.90) \times (90.95+90.95) / 2$	59,12
		$(6.91-6.55) \times (90.95+90.95) / 2$	32,74
		$(9.83-6.91) \times (89.29+90.95) / 2$	263,15
		$(10.54-9.83) \times (89.01+89.29) / 2$	63,30
		$(11.29-10.54) \times (88.46+89.01) / 2$	66,55
		$(12.62-11.29) \times (87.70+88.46) / 2$	117,15
		$(14.35-12.62) \times (86.95+87.70) / 2$	151,07
		$(14.36-14.35) \times (86.95+86.95) / 2$	0,87
		$(16.05-14.36) \times (85.95+86.95) / 2$	146,10
		$(17.67-16.05) \times (85.95+85.95) / 2$	139,24
		$(21.13-17.67) \times (83.98+85.95) / 2$	293,98
		$(21.71-21.13) \times (83.99+83.98) / 2$	48,71
			4,57
L-29	C2	$(-1.79-1.20) \times (91.54+91.54) / 2$	-54,01
545.98		$(-1.20-1.79) \times (91.45+91.54) / 2$	53,98
			0,03
L-30	C1	$(17.67-24.56) \times (86.07+82.14) / 2$	-579,48
565.71		$(15.75-17.67) \times (86.07+86.07) / 2$	-165,25
		$(15.60-15.75) \times (86.11+86.07) / 2$	-12,91
		$(7.09-15.60) \times (90.97+86.11) / 2$	-753,48
		$(6.91-7.09) \times (91.07+90.97) / 2$	-16,38
		$(5.90-6.91) \times (91.07+91.07) / 2$	-91,98
		$(5.80-5.90) \times (91.17+91.07) / 2$	-9,11
		$(5.70-5.80) \times (91.27+91.17) / 2$	-9,12
		$(7.00-5.70) \times (91.37+91.37) / 2$	118,78
		$(15.75-7.00) \times (86.37+91.37) / 2$	777,61
		$(17.75-15.75) \times (86.37+86.37) / 2$	172,74
		$(25.47-17.75) \times (81.96+86.37) / 2$	649,75
		$(24.56-25.47) \times (82.14+81.96) / 2$	-74,67
			6,50
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TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

		CALCOLO DELLE AREE		Foglio n. 29	
VEGETALE IN TRINCEA					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
L-2	F1	(2.22-2.22)x(98.99+98.99)/2	439.52		
18.81		(-2.22-2.22)x(98.69+98.69)/2	-438.18		
L-2	F2	(9.57-13.86)x(98.64+101.10)/2	-428.44	1.34	
18.81		(8.25-9.57)x(98.64+98.64)/2	-130.20		
		(9.47-8.25)x(98.94+98.94)/2	120.71		
		(13.45-9.47)x(101.22+98.94)/2	398.32		
		(13.86-13.45)x(101.10+101.22)/2	41.48		
L-3	F1	(6.84-10.60)x(98.46+100.60)/2	-374.23	1.87	
40.47		(5.52-6.84)x(98.46+98.46)/2	-129.97		
		(6.75-5.52)x(98.76+98.76)/2	121.47		
		(9.75-6.75)x(100.47+98.76)/2	298.85		
		(10.60-9.75)x(100.60+100.47)/2	85.45		
L-4	F1	(6.84-10.18)x(98.35+100.25)/2	-331.66	1.57	
58.47		(5.53-6.84)x(98.35+98.35)/2	-128.84		
		(6.75-5.53)x(98.65+98.65)/2	120.35		
		(9.57-6.75)x(100.26+98.65)/2	280.46		
		(10.18-9.57)x(100.25+100.26)/2	61.16		
L-6	F1	(6.84-10.35)x(98.06+100.06)/2	-347.70	1.47	
95.58		(5.52-6.84)x(98.06+98.06)/2	-129.44		
		(6.75-5.52)x(98.36+98.36)/2	120.98		
		(9.88-6.75)x(100.15+98.36)/2	310.67		
		(10.35-9.88)x(100.06+100.15)/2	47.05		
L-7	F1	(-10.76-11.29)x(97.61+97.97)/2	51.83	1.56	
113.70		(-9.53-10.76)x(97.61+97.61)/2	120.06		
		(-10.85-9.53)x(97.31+97.31)/2	-128.45		
		(-11.72-10.85)x(97.89+97.31)/2	-84.91		
		(-11.29-11.72)x(97.97+97.89)/2	42.11		
L-7	F2	(6.84-10.59)x(97.89+100.03)/2	-371.10	0.64	
113.70		(5.53-6.84)x(97.89+97.89)/2	-128.24		
		(6.75-5.53)x(98.19+98.19)/2	119.79		
		(10.09-6.75)x(100.10+98.19)/2	331.14		
		(10.59-10.09)x(100.03+100.10)/2	50.03		
L-8	F1	(-10.76-11.08)x(97.43+97.61)/2	31.21	1.62	
132.03		(-9.54-10.76)x(97.43+97.43)/2	118.86		
		(-10.85-9.54)x(97.13+97.13)/2	-127.24		
		(-11.53-10.85)x(97.52+97.13)/2	-66.18		
		(-11.08-11.53)x(97.61+97.52)/2	43.90		
L-8	F2	(6.84-8.66)x(97.71+98.75)/2	-178.78	0.55	
132.03		(5.53-6.84)x(97.71+97.71)/2	-128.00		
		(6.75-5.53)x(98.01+98.01)/2	119.57		
		(7.94-6.75)x(98.69+98.01)/2	117.04		
		(8.66-7.94)x(98.75+98.69)/2	71.08		
L-9	F1	(-10.75-10.86)x(97.22+97.28)/2	10.70	0.91	
148.06		(-9.53-10.75)x(97.22+97.22)/2	118.61		
A RIPORTARE mq			129.31		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				129.31		
			$(-10.84-9.53) \times (96.92+96.92) / 2$	-126.97		
			$(-11.36-10.84) \times (97.21+96.92) / 2$	-50.47		
			$(-10.86-11.36) \times (97.28+97.21) / 2$	48.62		
L-9	F2		$(6.84-8.70) \times (97.49+98.55) / 2$	-182.32	0.49	
148.06			$(5.53-6.84) \times (97.49+97.49) / 2$	-127.71		
			$(6.75-5.53) \times (97.79+97.79) / 2$	119.30		
			$(7.97-6.75) \times (98.49+97.79) / 2$	119.73		
			$(8.70-7.97) \times (98.55+98.49) / 2$	71.92		
L-10	F1		$(-10.92-9.61) \times (96.63+96.63) / 2$	-126.59	0.92	
164.10			$(-11.09-10.92) \times (96.74+96.63) / 2$	-16.44		
			$(-9.61-11.09) \times (96.87+96.74) / 2$	143.27		
L-10	F2		$(6.84-8.28) \times (97.22+98.04) / 2$	-140.59	0.24	
164.10			$(5.53-6.84) \times (97.22+97.22) / 2$	-127.36		
			$(6.75-5.53) \times (97.52+97.52) / 2$	118.97		
			$(7.67-6.75) \times (98.04+97.52) / 2$	89.96		
			$(8.28-7.67) \times (98.04+98.04) / 2$	59.80		
L-11	F1		$(-10.03-9.96) \times (96.25+96.32) / 2$	-6.74	0.78	
182.42			$(-10.48-10.03) \times (96.25+96.25) / 2$	-43.31		
			$(-9.96-10.48) \times (96.32+96.25) / 2$	50.07		
L-11	F2		$(6.84-7.67) \times (96.81+97.28) / 2$	-80.55	0.02	
182.42			$(5.53-6.84) \times (96.81+96.81) / 2$	-126.82		
			$(6.75-5.53) \times (97.11+97.11) / 2$	118.47		
			$(7.01-6.75) \times (97.26+97.11) / 2$	25.27		
			$(7.67-7.01) \times (97.28+97.26) / 2$	64.20		
L-12	F1		$(5.91-6.33) \times (96.37+96.65) / 2$	-40.53	0.57	
200.55			$(4.90-5.91) \times (96.37+96.37) / 2$	-97.33		
			$(4.70-4.90) \times (96.57+96.37) / 2$	-19.29		
			$(6.33-4.70) \times (96.65+96.57) / 2$	157.47		
L-13	F1		$(6.84-7.48) \times (95.75+96.17) / 2$	-61.41	0.32	
218.59			$(5.53-6.84) \times (95.75+95.75) / 2$	-125.43		
			$(6.75-5.53) \times (96.05+96.05) / 2$	117.18		
			$(6.90-6.75) \times (96.15+96.05) / 2$	14.42		
			$(7.48-6.90) \times (96.17+96.15) / 2$	55.77		
L-14	F1		$(-6.24-6.13) \times (94.83+94.93) / 2$	-10.44	0.53	
237.75			$(-7.25-6.24) \times (94.83+94.83) / 2$	-95.78		
			$(-7.37-7.25) \times (94.91+94.83) / 2$	-11.38		
			$(-6.13-7.37) \times (94.93+94.91) / 2$	117.70		
L-14	F2		$(5.92-6.39) \times (95.18+95.50) / 2$	-44.81	0.10	
237.75			$(4.91-5.92) \times (95.18+95.18) / 2$	-96.13		
			$(4.71-4.91) \times (95.38+95.18) / 2$	-19.06		
			$(6.39-4.71) \times (95.50+95.39) / 2$	160.35		
A RIPORTARE mq					0.35	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

		CALCOLO DELLE AREE		Foglio n. 31	
VEGETALE IN TRINCEA					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq					
L-15	F1	(-7.68-7.66)x(94.25+94.27)/2	-1.89		
255.85		(-8.69-7.68)x(94.25+94.25)/2	-95.19		
		(-9.05-8.69)x(94.49+94.25)/2	-33.97		
		(-7.66-9.05)x(94.27+94.49)/2	131.19		
				0.14	
L-15	F2	(7.08-7.84)x(94.52+95.03)/2	-72.03		
255.85		(5.76-7.08)x(94.52+94.52)/2	-124.77		
		(6.99-5.76)x(94.82+94.82)/2	116.63		
		(7.24-6.99)x(94.99+94.82)/2	23.73		
		(7.84-7.24)x(95.03+94.99)/2	57.01		
				0.57	
L-16	F1	(-9.99-11.42)x(94.04+94.99)/2	135.16		
273.91		(-9.77-9.99)x(94.04+94.04)/2	20.69		
		(-10.08-9.77)x(93.74+93.74)/2	-29.06		
		(-12.28-10.08)x(95.20+93.74)/2	-207.83		
		(-11.42-12.28)x(94.99+95.20)/2	81.78		
				0.74	
L-16	F2	(7.45-8.04)x(93.90+94.30)/2	-55.52		
273.91		(6.14-7.45)x(93.90+93.90)/2	-123.01		
		(7.36-6.14)x(94.20+94.20)/2	114.92		
		(7.47-7.36)x(94.28+94.20)/2	10.37		
		(8.04-7.47)x(94.30+94.28)/2	53.75		
				0.51	
L-17	F1	(7.77-8.37)x(93.40+93.79)/2	-56.16		
292.84		(6.46-7.77)x(93.40+93.40)/2	-122.35		
		(7.68-6.46)x(93.70+93.70)/2	114.31		
		(7.80-7.68)x(93.78+93.70)/2	11.25		
		(8.37-7.80)x(93.79+93.78)/2	53.46		
				0.51	
L-22	F1	(-1.00-5.75)x(91.55+91.55)/2	434.86		
418.28		(-5.75-1.00)x(91.63+91.56)/2	-435.08		
				0.22	
L-23	F1	(-6.84-1.57)x(91.44+91.44)/2	-481.89		
443.84		(-1.57-6.84)x(91.44+91.57)/2	482.23		
				0.34	
L-24	F1	(-2.50-2.65)x(91.39+91.47)/2	13.71		
463.47		(-1.18-2.50)x(91.39+91.39)/2	120.63		
		(-2.65-1.18)x(91.47+91.39)/2	-134.40		
				0.06	
L-25	F1	(-1.00-2.85)x(91.42+91.54)/2	169.24		
489.53		(-2.46-1.00)x(91.31+91.31)/2	-133.31		
		(-2.85-2.46)x(91.54+91.31)/2	-35.66		
				0.27	
L-26	F1	(-2.57-3.28)x(91.27+91.63)/2	64.93		
504.59		(-1.40-2.57)x(91.27+91.27)/2	106.79		
		(-1.26-1.40)x(91.41+91.27)/2	12.79		
		(-3.28-1.26)x(91.63+91.41)/2	-184.87		
				0.36	
L-27	F1	(-10.76-2.49)x(90.88+91.53)/2	-754.27		
519.75		(-10.56-10.76)x(90.59+90.58)/2	18.12		
		(-2.41-10.56)x(91.23+90.59)/2	740.92		
		A RIPORTARE mq	4.77		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
				RIPORTO mq	4.77	
			$(-1.40-2.41) \times (91.23+91.23) / 2$	92.14		
			$(-1.22-1.40) \times (91.41+91.23) / 2$	16.44		
			$(-2.49-1.22) \times (91.53+91.41) / 2$	-116.17		
L-28	F1		$(-6.75-2.50) \times (91.13+91.51) / 2$	-388.11	2.82	
532.97			$(-6.55-6.75) \times (90.85+90.84) / 2$	18.17		
			$(-2.41-6.55) \times (91.21+90.85) / 2$	376.86		
			$(-1.40-2.41) \times (91.21+91.21) / 2$	92.12		
			$(-1.20-1.40) \times (91.41+91.21) / 2$	18.26		
			$(-1.54-1.20) \times (91.47+91.45) / 2$	-31.10		
			$(-1.55-1.54) \times (91.48+91.47) / 2$	-0.91		
			$(-1.56-1.55) \times (91.51+91.48) / 2$	-0.91		
			$(-2.50-1.56) \times (91.51+91.51) / 2$	-86.02		
L-29	F1		$(-3.22-2.50) \times (91.34+91.54) / 2$	-65.84	1.64	
545.98			$(-3.02-3.22) \times (91.06+91.04) / 2$	18.21		
			$(-2.41-3.02) \times (91.24+91.06) / 2$	55.60		
			$(-1.40-2.41) \times (91.24+91.24) / 2$	92.15		
			$(-1.20-1.40) \times (91.44+91.24) / 2$	18.27		
			$(-1.74-1.20) \times (91.47+91.44) / 2$	-49.39		
			$(-1.75-1.74) \times (91.47+91.47) / 2$	-0.91		
			$(-1.80-1.75) \times (91.54+91.47) / 2$	-4.58		
			$(-2.50-1.80) \times (91.54+91.54) / 2$	-64.08	0.57	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

		CALCOLO DELLE LUNGHEZZE		Foglio n. 33	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
L-11	a1	$^1((-11.38-9.83)^2+(96.55-96.55)^2)$	1.55		
L-12	a2	$^1((-6.08-4.78)^2+(96.31-96.31)^2)$	1.30	1.55	
200.55		$^1((-6.58-6.08)^2+(95.98-96.31)^2)$	0.60		
L-12	a1	$^1((6.00-4.70)^2+(96.67-96.67)^2)$	1.30	1.90	
200.55		$^1((6.06-6.00)^2+(96.64-96.67)^2)$	0.07		
L-13	a1	$^1((-6.43-5.13)^2+(95.73-95.73)^2)$	1.30	1.37	
218.59		$^1((-7.05-6.43)^2+(95.32-95.73)^2)$	0.74		
L-14	a2	$^1((-7.34-6.04)^2+(95.13-95.13)^2)$	1.30	2.04	
237.75		$^1((-7.68-7.34)^2+(94.90-95.13)^2)$	0.41		
L-14	a1	$^1((6.01-4.71)^2+(95.48-95.48)^2)$	1.30	1.71	
237.75		$^1((6.02-6.01)^2+(95.48-95.48)^2)$	0.01		
L-15	a1	$^1((-8.78-7.48)^2+(94.55-94.55)^2)$	1.30	1.31	
255.85		$^1((-8.92-8.78)^2+(94.46-94.55)^2)$	0.17		
L-16	a1	$^1((-9.99-8.69)^2+(94.04-94.04)^2)$	1.30	1.47	
273.91		$^1((-11.42-9.99)^2+(94.99-94.04)^2)$	1.72		
L-17	a1	$^1((-10.99-9.69)^2+(93.69-93.69)^2)$	1.30	3.02	
292.84		$^1((-15.20-10.99)^2+(91.28-93.69)^2)$	4.85		
L-18	a1	$^1((7.00-5.70)^2+(93.27-93.27)^2)$	1.30	6.15	
317.86		$^1((7.49-7.00)^2+(92.98-93.27)^2)$	0.57		
L-19	a1	$^1((-1.00-2.88)^2+(92.99-92.99)^2)$	1.88	1.87	
L-19	a2	$^1((7.00-5.70)^2+(92.82-92.82)^2)$	1.30	1.88	
342.89		$^1((7.70-7.00)^2+(92.42-92.82)^2)$	0.81		
L-20	a1	$^1((-1.00-3.84)^2+(92.54-92.54)^2)$	2.84	2.11	
L-20	a2	$^1((7.00-5.70)^2+(92.37-92.37)^2)$	1.30	2.84	
367.91		$^1((7.79-7.00)^2+(91.92-92.37)^2)$	0.91		
L-21	a1	$^1((-1.00-4.79)^2+(92.12-92.12)^2)$	3.79	2.21	
L-21	a2	$^1((7.00-5.70)^2+(91.95-91.95)^2)$	1.30	3.79	
392.93		$^1((7.68-7.00)^2+(91.56-91.95)^2)$	0.78		
L-22	a1	$^1((-1.00-5.75)^2+(91.85-91.85)^2)$	4.75	2.08	
L-22	a2	$^1((7.00-5.70)^2+(91.68-91.68)^2)$	1.30	4.75	
418.28		$^1((8.13-7.00)^2+(91.04-91.68)^2)$	1.30		
L-23	a1	$^1((-1.00-6.84)^2+(91.74-91.74)^2)$	5.84	2.60	
L-23	a2	$^1((7.00-5.70)^2+(91.53-91.53)^2)$	1.30	5.84	
443.84		$^1((11.11-7.00)^2+(91.17-91.53)^2)$	4.13		
A RIPORTARE ml			5.43		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

CALCOLO DELLE LUNGHEZZE		Foglio n. 34	
SEMINA			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	5.43
L-24	a1	$1 \cdot ((-7.64-8.64)^2 + (94.62-94.62)^2)$	1.00
463.47		$1 \cdot ((-2.50-7.64)^2 + (91.69-94.62)^2)$	5.92
		$1 \cdot ((-1.00-2.50)^2 + (91.69-91.69)^2)$	1.50
			8.42
L-24	a2	$1 \cdot ((7.00-5.70)^2 + (91.43-91.43)^2)$	1.30
463.47		$1 \cdot ((8.77-7.00)^2 + (90.42-91.43)^2)$	2.04
			3.34
L-25	a1	$1 \cdot ((-13.41-14.41)^2 + (97.87-97.87)^2)$	1.00
489.53		$1 \cdot ((-2.46-13.41)^2 + (91.61-97.87)^2)$	12.61
		$1 \cdot ((-1.00-2.46)^2 + (91.61-91.61)^2)$	1.46
			15.07
L-25	a2	$1 \cdot ((7.00-5.70)^2 + (91.34-91.34)^2)$	1.30
489.53		$1 \cdot ((9.34-7.00)^2 + (90.00-91.34)^2)$	2.70
			4.00
L-26	a2	$1 \cdot ((-2.50-1.20)^2 + (91.57-91.57)^2)$	1.30
504.59		$1 \cdot ((-16.50-2.50)^2 + (98.58-91.57)^2)$	15.66
			16.96
L-26	a1	$1 \cdot ((7.00-5.70)^2 + (91.29-91.29)^2)$	1.30
504.59		$1 \cdot ((7.38-7.00)^2 + (91.07-91.29)^2)$	0.44
			1.74
L-27	a1	$1 \cdot ((7.00-5.70)^2 + (91.25-91.25)^2)$	1.30
519.75		$1 \cdot ((8.33-7.00)^2 + (90.48-91.25)^2)$	1.54
			2.84
L-28	a1	$1 \cdot ((7.00-5.70)^2 + (91.23-91.23)^2)$	1.30
532.97		$1 \cdot ((11.75-7.00)^2 + (88.51-91.23)^2)$	5.47
			6.77
L-29	a1	$1 \cdot ((7.00-5.70)^2 + (91.25-91.25)^2)$	1.30
545.98		$1 \cdot ((15.75-7.00)^2 + (86.25-91.25)^2)$	10.08
		$1 \cdot ((17.75-15.75)^2 + (86.25-86.25)^2)$	2.00
		$1 \cdot ((21.71-17.75)^2 + (83.99-86.25)^2)$	4.56
			17.94
L-30	a1	$1 \cdot ((7.00-5.70)^2 + (91.37-91.37)^2)$	1.30
565.71		$1 \cdot ((15.75-7.00)^2 + (86.37-91.37)^2)$	10.08
		$1 \cdot ((17.75-15.75)^2 + (86.37-86.37)^2)$	2.00
		$1 \cdot ((25.47-17.75)^2 + (81.96-86.37)^2)$	8.89
			22.27
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

CALCOLO DELLE LUNGHEZZE		Foglio n. 35	
SEMINA			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
L-2	b1	$^1((9.47-8.25)^2+(98.94-98.94)^2)$	1.22
18.81		$^1((13.45-9.47)^2+(101.22-98.94)^2)$	4.59
			5.81
L-2	b2	$^1((2.22-2.22)^2+(98.99-98.99)^2)$	4.44
			4.44
L-3	b1	$^1((6.75-5.52)^2+(98.76-98.76)^2)$	1.23
40.47		$^1((9.75-6.75)^2+(100.47-98.76)^2)$	3.45
			4.68
L-4	b1	$^1((6.75-5.53)^2+(98.65-98.65)^2)$	1.22
58.47		$^1((9.57-6.75)^2+(100.26-98.65)^2)$	3.25
			4.47
L-6	b1	$^1((6.75-5.52)^2+(98.36-98.36)^2)$	1.23
95.58		$^1((9.88-6.75)^2+(100.15-98.36)^2)$	3.61
			4.84
L-7	b2	$^1((-10.76-9.53)^2+(97.61-97.61)^2)$	1.23
113.70		$^1((-11.29-10.76)^2+(97.97-97.61)^2)$	0.64
			1.87
L-7	b1	$^1((6.75-5.53)^2+(98.19-98.19)^2)$	1.22
113.70		$^1((10.09-6.75)^2+(100.10-98.19)^2)$	3.85
			5.07
L-8	b2	$^1((-10.76-9.54)^2+(97.43-97.43)^2)$	1.22
132.03		$^1((-11.08-10.76)^2+(97.61-97.43)^2)$	0.37
			1.59
L-8	b1	$^1((6.75-5.53)^2+(98.01-98.01)^2)$	1.22
132.03		$^1((7.94-6.75)^2+(98.69-98.01)^2)$	1.37
			2.59
L-9	b2	$^1((-10.75-9.53)^2+(97.22-97.22)^2)$	1.22
148.06		$^1((-10.86-10.75)^2+(97.28-97.22)^2)$	0.13
			1.35
L-9	b1	$^1((6.75-5.53)^2+(97.79-97.79)^2)$	1.22
148.06		$^1((7.97-6.75)^2+(98.49-97.79)^2)$	1.41
			2.63
L-10	b2	$^1((-10.83-9.61)^2+(96.93-96.93)^2)$	1.22
164.10		$^1((-11.11-10.83)^2+(96.75-96.93)^2)$	0.33
			1.55
L-10	b1	$^1((6.75-5.53)^2+(97.52-97.52)^2)$	1.22
164.10		$^1((7.67-6.75)^2+(98.04-97.52)^2)$	1.06
			2.28
L-11	b1	$^1((6.75-5.53)^2+(97.11-97.11)^2)$	1.22
182.42		$^1((7.01-6.75)^2+(97.26-97.11)^2)$	0.30
			1.52
L-13	b1	$^1((6.75-5.53)^2+(96.05-96.05)^2)$	1.22
218.59		$^1((6.90-6.75)^2+(96.15-96.05)^2)$	0.18
			1.40
L-15	b1	$^1((6.99-5.76)^2+(94.82-94.82)^2)$	1.23
255.85		$^1((7.24-6.99)^2+(94.99-94.82)^2)$	0.30
			1.53
L-16	b1	$^1((7.36-6.14)^2+(94.20-94.20)^2)$	1.22
273.91		$^1((7.47-7.36)^2+(94.28-94.20)^2)$	0.14
			1.36
L-17	b1	$^1((7.68-6.46)^2+(93.70-93.70)^2)$	1.22
292.84		$^1((7.80-7.68)^2+(93.78-93.70)^2)$	0.14
			1.36
A RIPORTARE ml			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml						
L-27	b1		$\sqrt{(-2.50-1.20)^2+(91.53-91.53)^2}$	1.30		
519.75			$\sqrt{(-10.76-2.50)^2+(90.88-91.53)^2}$	8.29		
L-28	b1		$\sqrt{(-2.50-1.20)^2+(91.51-91.51)^2}$	1.30	9.59	
532.97			$\sqrt{(-6.75-2.50)^2+(91.13-91.51)^2}$	4.27		
L-29	b1		$\sqrt{(-2.50-1.20)^2+(91.54-91.54)^2}$	1.30	5.57	
545.98			$\sqrt{(-3.22-2.50)^2+(91.34-91.54)^2}$	0.75	2.05	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

 Codice documento
 CS0113_F0.doc

 Rev
 F0
 Data
 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 37						
USURA						
L-2	g1		$^1 ((7.22-7.22)^2+(98.84-98.84)^2)$	14.44	14.44	
L-3	g1		$^1 ((4.50-4.50)^2+(98.66-98.51)^2)$	9.00	9.00	
L-4	g1		$^1 ((4.50-5.82)^2+(98.55-98.24)^2)$	10.32	10.32	
L-5	g1		$^1 ((8.72-8.50)^2+(98.62-97.85)^2)$	17.24	17.24	
L-6	g1		$^1 ((4.50-8.50)^2+(98.26-97.68)^2)$	13.01	13.01	
L-7	g1		$^1 ((4.50-8.51)^2+(98.09-97.51)^2)$	13.02	13.02	
L-8	g1		$^1 ((4.50-8.51)^2+(97.91-97.33)^2)$	13.02	13.02	
L-9	g1		$^1 ((4.50-8.50)^2+(97.69-97.12)^2)$	13.01	13.01	
L-10	g1		$^1 ((4.50-8.58)^2+(97.42-96.83)^2)$	13.09	13.09	
L-11	g1		$^1 ((4.50-9.73)^2+(97.01-96.40)^2)$	14.24	14.24	
L-12	g1		$^1 ((-4.68-4.58)^2+(96.17-96.17)^2)$	0.10	0.10	
L-12	g2		$^1 ((4.50-4.58)^2+(96.52-96.17)^2)$	9.09		
200.55			$^1 ((4.60-4.50)^2+(96.52-96.52)^2)$	0.10	9.19	
L-13	g1		$^1 ((-5.03-4.93)^2+(95.58-95.59)^2)$	0.10	0.10	
L-13	g2		$^1 ((-0.43-4.93)^2+(95.78-95.59)^2)$	4.50		
218.59			$^1 ((4.50-0.43)^2+(95.95-95.78)^2)$	4.93	9.43	
L-14	g1		$^1 ((-5.84-5.94)^2+(94.98-94.98)^2)$	0.10		
237.75			$^1 ((-1.24-5.84)^2+(95.16-94.98)^2)$	4.60		
			$^1 ((4.51-1.24)^2+(95.33-95.16)^2)$	5.75		
			$^1 ((4.61-4.51)^2+(95.33-95.33)^2)$	0.10	10.55	
L-15	g1		$^1 ((-2.23-4.74)^2+(94.57-94.72)^2)$	6.97		
255.85			$^1 ((-7.28-2.23)^2+(94.41-94.57)^2)$	5.05		
			$^1 ((-7.38-7.28)^2+(94.41-94.41)^2)$	0.10	12.12	
L-16	g1		$^1 ((-8.49-8.59)^2+(93.89-93.89)^2)$	0.10		
273.91			$^1 ((-3.18-8.49)^2+(94.03-93.89)^2)$	5.31		
			$^1 ((5.11-3.18)^2+(94.10-94.03)^2)$	8.29	13.70	
L-17	g1		$^1 ((-1.00-5.43)^2+(93.73-93.60)^2)$	6.43		
292.84			$^1 ((-1.67-1.00)^2+(93.74-93.73)^2)$	0.67		
			$^1 ((-2.98-1.67)^2+(93.71-93.74)^2)$	1.31		
			$^1 ((-3.98-2.98)^2+(93.68-93.71)^2)$	1.00		
			$^1 ((-7.98-3.98)^2+(93.58-93.68)^2)$	4.00		
			$^1 ((-9.49-7.98)^2+(93.54-93.58)^2)$	1.51		
			$^1 ((-9.59-9.49)^2+(93.54-93.54)^2)$	0.10	15.02	
L-18	g1		$^1 ((5.50-1.00)^2+(93.12-93.28)^2)$	6.50		
317.86			$^1 ((5.60-5.50)^2+(93.12-93.12)^2)$	0.10		
A RIPORTARE ml				6.60		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml				6.60		
L-19	g1		$^1((5.50-1.00)^2+(92.67-92.84)^2)$	6.50	6.60	
342.89			$^1((5.60-5.50)^2+(92.67-92.67)^2)$	0.10		
L-20	g1		$^1((5.50-1.00)^2+(92.23-92.39)^2)$	6.50	6.60	
367.91			$^1((5.60-5.50)^2+(92.22-92.23)^2)$	0.10		
L-21	g1		$^1((5.50-1.00)^2+(91.81-91.97)^2)$	6.50	6.60	
392.93			$^1((5.60-5.50)^2+(91.81-91.81)^2)$	0.10		
L-22	g1		$^1((5.50-1.00)^2+(91.54-91.70)^2)$	6.50	6.60	
418.28			$^1((5.60-5.50)^2+(91.54-91.54)^2)$	0.10		
L-23	g1		$^1((5.50-1.00)^2+(91.39-91.59)^2)$	6.50	6.60	
443.84			$^1((5.60-5.50)^2+(91.39-91.39)^2)$	0.10		
L-24	g1		$^1((5.50-1.00)^2+(91.29-91.54)^2)$	6.50	6.60	
463.47			$^1((5.60-5.50)^2+(91.29-91.29)^2)$	0.10		
L-25	g1		$^1((5.50-1.00)^2+(91.20-91.46)^2)$	6.51	6.60	
489.53			$^1((5.60-5.50)^2+(91.19-91.20)^2)$	0.10		
L-26	g1		$^1((5.50-1.10)^2+(91.15-91.42)^2)$	6.61	6.61	
504.59			$^1((5.60-5.50)^2+(91.15-91.15)^2)$	0.10		
L-27	g1		$^1((5.50-1.10)^2+(91.11-91.37)^2)$	6.61	6.71	
519.75			$^1((5.60-5.50)^2+(91.10-91.11)^2)$	0.10		
L-28	g1		$^1((5.50-1.10)^2+(91.09-91.36)^2)$	6.61	6.71	
532.97			$^1((5.60-5.50)^2+(91.08-91.09)^2)$	0.10		
L-29	g1		$^1((5.50-1.10)^2+(91.11-91.38)^2)$	6.61	6.71	
545.98			$^1((5.60-5.50)^2+(91.11-91.11)^2)$	0.10		
L-30	g1		$^1((5.50-2.16)^2+(91.23-91.54)^2)$	7.67	6.71	
565.71			$^1((5.60-5.50)^2+(91.23-91.23)^2)$	0.10	7.77	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

		CALCOLO DELLE LUNGHEZZE		Foglio n. 39	
BINDER					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
L-2	h1	$^1((7.22-7.22)^2+(98.79-98.79)^2)$	14.44		
L-3	h1	$^1((4.50-4.50)^2+(98.61-98.46)^2)$	9.00	14.44	
L-4	h1	$^1((4.50-5.82)^2+(98.50-98.19)^2)$	10.32	9.00	
L-5	h1	$^1((8.72-8.50)^2+(98.57-97.80)^2)$	17.24	10.32	
L-6	h1	$^1((4.50-8.50)^2+(98.21-97.63)^2)$	13.01	17.24	
L-7	h1	$^1((4.50-8.51)^2+(98.04-97.46)^2)$	13.02	13.01	
L-8	h1	$^1((4.50-8.51)^2+(97.86-97.28)^2)$	13.02	13.02	
L-9	h1	$^1((4.50-8.50)^2+(97.64-97.07)^2)$	13.01	13.02	
L-10	h1	$^1((4.50-8.58)^2+(97.37-96.78)^2)$	13.09	13.01	
L-11	h1	$^1((-9.63-4.50)^2+(96.36-96.96)^2)$	14.14	13.09	
182.42		$^1((-9.83-9.63)^2+(96.35-96.36)^2)$	0.20	14.34	
L-12	h1	$^1((-4.58-4.78)^2+(96.12-96.11)^2)$	0.20		
200.55		$^1((4.50-4.58)^2+(96.47-96.12)^2)$	9.09		
		$^1((4.70-4.50)^2+(96.47-96.47)^2)$	0.20		
L-13	h1	$^1((-5.13-4.93)^2+(95.53-95.54)^2)$	0.20	9.49	
L-13	h2	$^1((-0.43-4.93)^2+(95.73-95.54)^2)$	4.50	0.20	
218.59		$^1((4.50-0.43)^2+(95.90-95.73)^2)$	4.93		
L-14	h1	$^1((4.51-4.71)^2+(95.28-95.28)^2)$	0.20	9.43	
237.75		$^1((-1.24-4.51)^2+(95.11-95.28)^2)$	5.75		
		$^1((-5.84-1.24)^2+(94.93-95.11)^2)$	4.60		
		$^1((-6.04-5.84)^2+(94.93-94.93)^2)$	0.20		
L-15	h1	$^1((-7.28-7.48)^2+(94.36-94.35)^2)$	0.20	10.75	
255.85		$^1((-2.23-7.28)^2+(94.52-94.36)^2)$	5.05		
		$^1((4.74-2.23)^2+(94.67-94.52)^2)$	6.97		
L-16	h1	$^1((-8.49-8.69)^2+(93.84-93.84)^2)$	0.20	12.22	
273.91		$^1((-3.18-8.49)^2+(93.98-93.84)^2)$	5.31		
		$^1((5.11-3.18)^2+(94.05-93.98)^2)$	8.29		
L-17	h1	$^1((-9.49-9.69)^2+(93.49-93.49)^2)$	0.20	13.80	
292.84		$^1((-7.98-9.49)^2+(93.53-93.49)^2)$	1.51		
		$^1((-3.98-7.98)^2+(93.63-93.53)^2)$	4.00		
		$^1((-2.98-3.98)^2+(93.66-93.63)^2)$	1.00		
		$^1((-1.67-2.98)^2+(93.69-93.66)^2)$	1.31		
		$^1((-1.00-1.67)^2+(93.68-93.69)^2)$	0.67		
		$^1((5.43-1.00)^2+(93.55-93.68)^2)$	6.43		
L-18	h1	$^1((5.50-1.00)^2+(93.07-93.23)^2)$	6.50	15.12	
317.86		$^1((5.70-5.50)^2+(93.07-93.07)^2)$	0.20		
A RIPORTARE ml			6.70		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A L

		CALCOLO DELLE LUNGHEZZE		Foglio n. 40	
BINDER					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			6.70		
L-19	h1	$^1((5.50-1.00)^2+(92.62-92.79)^2)$	6.50	6.70	
342.89		$^1((5.70-5.50)^2+(92.62-92.62)^2)$	0.20		
L-20	h1	$^1((5.50-1.00)^2+(92.18-92.34)^2)$	6.50	6.70	
367.91		$^1((5.70-5.50)^2+(92.17-92.18)^2)$	0.20		
L-21	h1	$^1((5.50-1.00)^2+(91.76-91.92)^2)$	6.50	6.70	
392.93		$^1((5.70-5.50)^2+(91.75-91.76)^2)$	0.20		
L-22	h1	$^1((5.50-1.00)^2+(91.49-91.65)^2)$	6.50	6.70	
418.28		$^1((5.70-5.50)^2+(91.48-91.49)^2)$	0.20		
L-23	h1	$^1((5.50-1.00)^2+(91.34-91.54)^2)$	6.50	6.70	
443.84		$^1((5.70-5.50)^2+(91.33-91.34)^2)$	0.20		
L-24	h1	$^1((5.50-1.00)^2+(91.24-91.49)^2)$	6.50	6.70	
463.47		$^1((5.70-5.50)^2+(91.23-91.24)^2)$	0.20		
L-25	h1	$^1((5.50-1.00)^2+(91.15-91.41)^2)$	6.51	6.70	
489.53		$^1((5.70-5.50)^2+(91.14-91.15)^2)$	0.20		
L-26	h1	$^1((5.50-5.70)^2+(91.10-91.09)^2)$	0.20	6.71	
504.59		$^1((-1.00-5.50)^2+(91.37-91.10)^2)$	6.51		
		$^1((-1.20-1.00)^2+(91.37-91.37)^2)$	0.20		
L-27	h1	$^1((-1.00-1.20)^2+(91.32-91.33)^2)$	0.20	6.91	
519.75		$^1((5.50-1.00)^2+(91.06-91.32)^2)$	6.51		
		$^1((5.70-5.50)^2+(91.05-91.06)^2)$	0.20		
L-28	h1	$^1((5.50-1.20)^2+(91.04-91.31)^2)$	6.71	6.91	
532.97		$^1((5.70-5.50)^2+(91.03-91.04)^2)$	0.20		
L-29	h1	$^1((5.50-1.20)^2+(91.06-91.34)^2)$	6.71	6.91	
545.98		$^1((5.70-5.50)^2+(91.05-91.06)^2)$	0.20		
L-30	h1	$^1((5.50-2.16)^2+(91.18-91.49)^2)$	7.67	6.91	
565.71		$^1((5.70-5.50)^2+(91.17-91.18)^2)$	0.20		
				7.87	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

CALCOLO DELLE LUNGHEZZE		Foglio n. 41	
BASE			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
L-2	i1	$^1((7.22-7.22)^2+(98.64-98.64)^2)$	14.44
L-3	i1	$^1((4.50-4.50)^2+(98.46-98.31)^2)$	9.00
L-4	i1	$^1((4.50-5.82)^2+(98.35-98.04)^2)$	10.32
L-5	i1	$^1((8.72-8.50)^2+(98.42-97.65)^2)$	17.24
L-6	i1	$^1((4.50-8.50)^2+(98.06-97.48)^2)$	13.01
L-7	i1	$^1((4.50-8.51)^2+(97.89-97.31)^2)$	13.02
L-8	i1	$^1((4.50-8.51)^2+(97.71-97.13)^2)$	13.02
L-9	i1	$^1((4.50-8.50)^2+(97.49-96.92)^2)$	13.01
L-10	i1	$^1((4.50-8.58)^2+(97.22-96.63)^2)$	13.09
L-11	i1	$^1((-9.63-4.50)^2+(96.21-96.81)^2)$	14.14
182.42		$^1((-10.08-9.63)^2+(96.20-96.21)^2)$	0.45
L-12	i1	$^1((4.50-4.94)^2+(96.32-96.33)^2)$	0.44
200.55		$^1((-4.58-4.50)^2+(95.97-96.32)^2)$	9.09
		$^1((-5.03-4.58)^2+(95.96-95.97)^2)$	0.45
L-13	i1	$^1((-4.93-5.38)^2+(95.39-95.38)^2)$	0.45
218.59		$^1((-0.43-4.93)^2+(95.58-95.39)^2)$	4.50
		$^1((4.50-0.43)^2+(95.75-95.58)^2)$	4.93
L-14	i1	$^1((4.51-4.95)^2+(95.13-95.14)^2)$	0.44
237.75		$^1((-1.24-4.51)^2+(94.96-95.13)^2)$	5.75
		$^1((-5.84-1.24)^2+(94.78-94.96)^2)$	4.60
		$^1((-6.29-5.84)^2+(94.78-94.78)^2)$	0.45
L-15	i1	$^1((-2.23-4.74)^2+(94.37-94.52)^2)$	6.97
255.85		$^1((-7.28-2.23)^2+(94.21-94.37)^2)$	5.05
		$^1((-7.73-7.28)^2+(94.20-94.21)^2)$	0.45
L-16	i1	$^1((-8.49-8.94)^2+(93.69-93.69)^2)$	0.45
273.91		$^1((-3.18-8.49)^2+(93.83-93.69)^2)$	5.31
		$^1((5.11-3.18)^2+(93.90-93.83)^2)$	8.29
L-17	i1	$^1((-9.49-9.94)^2+(93.34-93.34)^2)$	0.45
292.84		$^1((-7.98-9.49)^2+(93.38-93.34)^2)$	1.51
		$^1((-3.98-7.98)^2+(93.48-93.38)^2)$	4.00
		$^1((-2.98-3.98)^2+(93.51-93.48)^2)$	1.00
		$^1((-1.67-2.98)^2+(93.54-93.51)^2)$	1.31
		$^1((-1.00-1.67)^2+(93.53-93.54)^2)$	0.67
		$^1((5.43-1.00)^2+(93.40-93.53)^2)$	6.43
L-18	i1	$^1((5.50-1.00)^2+(92.92-93.08)^2)$	6.50
317.86		$^1((5.96-5.50)^2+(92.91-92.92)^2)$	0.46
			6.96
A RIPORTARE ml			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
				RIPORTO ml		
L-19	i1		$^1((5.50-1.00)^2+(92.47-92.64)^2)$	6.50		
342.89			$^1((5.96-5.50)^2+(92.46-92.47)^2)$	0.46		
L-20	i1		$^1((5.50-1.00)^2+(92.03-92.19)^2)$	6.50	6.96	
367.91			$^1((5.96-5.50)^2+(92.01-92.03)^2)$	0.46		
L-21	i1		$^1((5.50-1.00)^2+(91.61-91.77)^2)$	6.50	6.96	
392.93			$^1((5.96-5.50)^2+(91.60-91.61)^2)$	0.46		
L-22	i1		$^1((5.50-1.00)^2+(91.34-91.50)^2)$	6.50	6.96	
418.28			$^1((5.96-5.50)^2+(91.33-91.34)^2)$	0.46		
L-23	i1		$^1((5.50-1.00)^2+(91.19-91.39)^2)$	6.50	6.96	
443.84			$^1((5.96-5.50)^2+(91.18-91.19)^2)$	0.46		
L-24	i1		$^1((5.50-1.00)^2+(91.09-91.34)^2)$	6.50	6.96	
463.47			$^1((5.96-5.50)^2+(91.08-91.09)^2)$	0.46		
L-25	i1		$^1((5.50-1.00)^2+(91.00-91.26)^2)$	6.51	6.97	
489.53			$^1((5.96-5.50)^2+(90.98-91.00)^2)$	0.46		
L-26	i1		$^1((5.50-5.96)^2+(90.95-90.93)^2)$	0.46		
504.59			$^1((-1.00-5.50)^2+(91.22-90.95)^2)$	6.51	7.42	
			$^1((-1.45-1.00)^2+(91.22-91.22)^2)$	0.45		
L-27	i1		$^1((-1.00-1.45)^2+(91.17-91.18)^2)$	0.45		
519.75			$^1((5.50-1.00)^2+(90.91-91.17)^2)$	6.51	7.42	
			$^1((5.96-5.50)^2+(90.89-90.91)^2)$	0.46		
L-28	i1		$^1((5.50-1.44)^2+(90.89-91.17)^2)$	6.95	7.41	
532.97			$^1((5.96-5.50)^2+(90.87-90.89)^2)$	0.46		
L-29	i1		$^1((5.50-1.44)^2+(90.91-91.20)^2)$	6.95	7.41	
545.98			$^1((5.96-5.50)^2+(90.89-90.91)^2)$	0.46		
L-30	i1		$^1((5.50-2.16)^2+(91.03-91.34)^2)$	7.67	8.13	
565.71			$^1((5.96-5.50)^2+(91.01-91.03)^2)$	0.46		
Il Direttore dei Lavori			L'Impresa			

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
L-2	ml		$^1 ((7.22-7.22)^2 + (98.19-98.19)^2)$	14.44		
L-3	ml		$^1 ((4.50-4.50)^2 + (98.01-97.86)^2)$	9.00	14.44	
L-4	ml		$^1 ((4.50-5.82)^2 + (97.90-97.59)^2)$	10.32	9.00	
L-5	ml		$^1 ((8.72-8.50)^2 + (97.97-97.20)^2)$	17.24	10.32	
L-6	ml		$^1 ((4.50-8.50)^2 + (97.61-97.03)^2)$	13.01	17.24	
L-7	ml		$^1 ((4.50-8.51)^2 + (97.44-96.86)^2)$	13.02	13.01	
L-8	ml		$^1 ((4.50-8.51)^2 + (97.26-96.68)^2)$	13.02	13.02	
L-9	ml		$^1 ((4.50-8.50)^2 + (97.04-96.47)^2)$	13.01	13.02	
L-10	ml		$^1 ((4.50-8.58)^2 + (96.77-96.18)^2)$	13.09	13.01	
L-11	ml		$^1 ((-9.63-10.53)^2 + (95.76-95.75)^2)$	0.90	13.09	
182.42			$^1 ((4.50-9.63)^2 + (96.36-95.76)^2)$	14.14		
L-12	ml		$^1 ((4.50-5.37)^2 + (95.87-95.90)^2)$	0.87	14.14	
200.55			$^1 ((-4.58-4.50)^2 + (95.52-95.87)^2)$	9.09		
			$^1 ((-5.48-4.58)^2 + (95.51-95.52)^2)$	0.90		
L-13	ml		$^1 ((-4.93-5.83)^2 + (94.94-94.93)^2)$	0.90	10.86	
218.59			$^1 ((-0.43-4.93)^2 + (95.13-94.94)^2)$	4.50		
			$^1 ((4.50-0.43)^2 + (95.30-95.13)^2)$	4.93		
L-14	ml		$^1 ((-5.84-6.74)^2 + (94.33-94.33)^2)$	0.90	10.33	
237.75			$^1 ((-1.24-5.84)^2 + (94.51-94.33)^2)$	4.60		
			$^1 ((4.51-1.24)^2 + (94.68-94.51)^2)$	5.75		
			$^1 ((5.39-4.51)^2 + (94.70-94.68)^2)$	0.88		
L-15	ml		$^1 ((-7.28-8.18)^2 + (93.76-93.75)^2)$	0.90	12.13	
255.85			$^1 ((-2.23-7.28)^2 + (93.92-93.76)^2)$	5.05		
			$^1 ((4.74-2.23)^2 + (94.07-93.92)^2)$	6.97		
L-16	ml		$^1 ((-8.49-9.39)^2 + (93.24-93.24)^2)$	0.90	12.92	
273.91			$^1 ((-3.18-8.49)^2 + (93.38-93.24)^2)$	5.31		
			$^1 ((5.11-3.18)^2 + (93.45-93.38)^2)$	8.29		
L-17	ml		$^1 ((-9.49-10.39)^2 + (92.89-92.89)^2)$	0.90	14.50	
292.84			$^1 ((-7.98-9.49)^2 + (92.93-92.89)^2)$	1.51		
			$^1 ((-3.98-7.98)^2 + (93.03-92.93)^2)$	4.00		
			$^1 ((-2.98-3.98)^2 + (93.06-93.03)^2)$	1.00		
			$^1 ((-1.67-2.98)^2 + (93.09-93.06)^2)$	1.31		
			$^1 ((-1.00-1.67)^2 + (93.08-93.09)^2)$	0.67		
			$^1 ((5.43-1.00)^2 + (92.95-93.08)^2)$	6.43		
L-18	ml		$^1 ((5.50-1.00)^2 + (92.47-92.63)^2)$	6.50	15.82	
317.86			$^1 ((6.42-5.50)^2 + (92.45-92.47)^2)$	0.92		
					7.42	
A RIPORTARE ml						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

		CALCOLO DELLE LUNGHEZZE		Foglio n. 44	
FONDAZIONE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
			RIPORTO ml		
L-19	ml	$^1((5.50-1.00)^2+(92.02-92.19)^2)$	6.50		
342.89		$^1((6.42-5.50)^2+(92.00-92.02)^2)$	0.92		
				7.42	
L-20	ml	$^1((5.50-1.00)^2+(91.58-91.74)^2)$	6.50		
367.91		$^1((6.42-5.50)^2+(91.55-91.58)^2)$	0.92		
				7.42	
L-21	ml	$^1((5.50-1.00)^2+(91.16-91.32)^2)$	6.50		
392.93		$^1((6.42-5.50)^2+(91.14-91.16)^2)$	0.92		
				7.42	
L-22	ml	$^1((5.50-1.00)^2+(90.89-91.05)^2)$	6.50		
418.28		$^1((6.42-5.50)^2+(90.87-90.89)^2)$	0.92		
				7.42	
L-23	ml	$^1((5.50-1.00)^2+(90.74-90.94)^2)$	6.50		
443.84		$^1((6.42-5.50)^2+(90.71-90.74)^2)$	0.92		
				7.42	
L-24	ml	$^1((5.50-1.00)^2+(90.64-90.89)^2)$	6.50		
463.47		$^1((6.43-5.50)^2+(90.61-90.64)^2)$	0.93		
				7.43	
L-25	ml	$^1((5.50-1.00)^2+(90.55-90.81)^2)$	6.51		
489.53		$^1((6.43-5.50)^2+(90.51-90.55)^2)$	0.93		
				7.44	
L-26	ml	$^1((-1.00-1.90)^2+(90.77-90.77)^2)$	0.90		
504.59		$^1((5.50-1.00)^2+(90.50-90.77)^2)$	6.51		
		$^1((6.43-5.50)^2+(90.46-90.50)^2)$	0.93		
				8.34	
L-27	ml	$^1((-1.00-1.90)^2+(90.72-90.73)^2)$	0.90		
519.75		$^1((5.50-1.00)^2+(90.46-90.72)^2)$	6.51		
		$^1((6.43-5.50)^2+(90.42-90.46)^2)$	0.93		
				8.34	
L-28	ml	$^1((-1.00-1.90)^2+(90.70-90.71)^2)$	0.90		
532.97		$^1((5.50-1.00)^2+(90.44-90.70)^2)$	6.51		
		$^1((6.43-5.50)^2+(90.40-90.44)^2)$	0.93		
				8.34	
L-29	ml	$^1((-1.00-1.90)^2+(90.73-90.74)^2)$	0.90		
545.98		$^1((5.50-1.00)^2+(90.46-90.73)^2)$	6.51		
		$^1((6.43-5.50)^2+(90.42-90.46)^2)$	0.93		
				8.34	
L-30	ml	$^1((5.50-2.16)^2+(90.58-90.89)^2)$	7.67		
565.71		$^1((6.43-5.50)^2+(90.54-90.58)^2)$	0.93		
				8.60	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
L-2	q1		$^1 ((7.22-7.22)^2+(98.19-98.19)^2)$	14.44		
L-3	q1		$^1 ((4.50-4.50)^2+(98.01-97.86)^2)$	9.00	14.44	
L-4	q1		$^1 ((4.50-5.82)^2+(97.90-97.59)^2)$	10.32	9.00	
L-5	q1		$^1 ((8.72-8.50)^2+(97.97-97.20)^2)$	17.24	10.32	
L-6	q1		$^1 ((4.50-8.50)^2+(97.61-97.03)^2)$	13.01	17.24	
L-7	q1		$^1 ((4.50-8.51)^2+(97.44-96.86)^2)$	13.02	13.01	
L-8	q1		$^1 ((4.50-8.51)^2+(97.26-96.68)^2)$	13.02	13.02	
L-9	q1		$^1 ((4.50-8.50)^2+(97.04-96.47)^2)$	13.01	13.02	
L-10	q1		$^1 ((4.50-8.58)^2+(96.77-96.18)^2)$	13.09	13.01	
L-11	q1		$^1 ((-9.63-10.53)^2+(95.76-95.75)^2)$	0.90	13.09	
182.42			$^1 ((4.50-9.63)^2+(96.36-95.76)^2)$	14.14		
L-12	q1		$^1 ((4.50-5.37)^2+(95.87-95.90)^2)$	0.87	14.14	
200.55			$^1 ((-4.58-4.50)^2+(95.52-95.87)^2)$	9.09		
			$^1 ((-5.48-4.58)^2+(95.51-95.52)^2)$	0.90		
L-13	q1		$^1 ((-4.93-5.83)^2+(94.94-94.93)^2)$	0.90	10.86	
218.59			$^1 ((-0.43-4.93)^2+(95.13-94.94)^2)$	4.50		
			$^1 ((4.50-0.43)^2+(95.30-95.13)^2)$	4.93		
L-14	q1		$^1 ((-5.84-6.74)^2+(94.33-94.33)^2)$	0.90	10.33	
237.75			$^1 ((-1.24-5.84)^2+(94.51-94.33)^2)$	4.60		
			$^1 ((4.51-1.24)^2+(94.68-94.51)^2)$	5.75		
			$^1 ((5.39-4.51)^2+(94.70-94.68)^2)$	0.88		
L-15	q1		$^1 ((-7.28-8.18)^2+(93.76-93.75)^2)$	0.90	12.13	
255.85			$^1 ((-2.23-7.28)^2+(93.92-93.76)^2)$	5.05		
			$^1 ((4.74-2.23)^2+(94.07-93.92)^2)$	6.97		
L-16	q1		$^1 ((-8.49-9.39)^2+(93.24-93.24)^2)$	0.90	12.92	
273.91			$^1 ((-3.18-8.49)^2+(93.38-93.24)^2)$	5.31		
			$^1 ((5.11-3.18)^2+(93.45-93.38)^2)$	8.29		
L-17	q1		$^1 ((-9.49-10.39)^2+(92.89-92.89)^2)$	0.90	14.50	
292.84			$^1 ((-7.98-9.49)^2+(92.93-92.89)^2)$	1.51		
			$^1 ((-3.98-7.98)^2+(93.03-92.93)^2)$	4.00		
			$^1 ((-2.98-3.98)^2+(93.06-93.03)^2)$	1.00		
			$^1 ((-1.67-2.98)^2+(93.09-93.06)^2)$	1.31		
			$^1 ((-1.00-1.67)^2+(93.08-93.09)^2)$	0.67		
			$^1 ((5.43-1.00)^2+(92.95-93.08)^2)$	6.43		
L-18	q1		$^1 ((5.50-1.00)^2+(92.47-92.63)^2)$	6.50	15.82	
317.86			$^1 ((6.42-5.50)^2+(92.45-92.47)^2)$	0.92		
					7.42	
A RIPORTARE ml						

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
				RIPORTO ml		
L-19	q1		$^1((5.50-1.00)^2+(92.02-92.19)^2)$	6.50		
342.89			$^1((6.42-5.50)^2+(92.00-92.02)^2)$	0.92		
					7.42	
L-20	q1		$^1((5.50-1.00)^2+(91.58-91.74)^2)$	6.50		
367.91			$^1((6.42-5.50)^2+(91.55-91.58)^2)$	0.92		
					7.42	
L-21	q1		$^1((5.50-1.00)^2+(91.16-91.32)^2)$	6.50		
392.93			$^1((6.42-5.50)^2+(91.14-91.16)^2)$	0.92		
					7.42	
L-22	q1		$^1((5.50-1.00)^2+(90.89-91.05)^2)$	6.50		
418.28			$^1((6.42-5.50)^2+(90.87-90.89)^2)$	0.92		
					7.42	
L-23	q1		$^1((5.50-1.00)^2+(90.74-90.94)^2)$	6.50		
443.84			$^1((6.42-5.50)^2+(90.71-90.74)^2)$	0.92		
					7.42	
L-24	q1		$^1((5.50-1.00)^2+(90.64-90.89)^2)$	6.50		
463.47			$^1((6.43-5.50)^2+(90.61-90.64)^2)$	0.93		
					7.43	
L-25	q1		$^1((5.50-1.00)^2+(90.55-90.81)^2)$	6.51		
489.53			$^1((6.43-5.50)^2+(90.51-90.55)^2)$	0.93		
					7.44	
L-26	q1		$^1((-1.00-1.90)^2+(90.77-90.77)^2)$	0.90		
504.59			$^1((5.50-1.00)^2+(90.50-90.77)^2)$	6.51		
			$^1((6.43-5.50)^2+(90.46-90.50)^2)$	0.93		
					8.34	
L-27	q1		$^1((-1.00-1.90)^2+(90.72-90.73)^2)$	0.90		
519.75			$^1((5.50-1.00)^2+(90.46-90.72)^2)$	6.51		
			$^1((6.43-5.50)^2+(90.42-90.46)^2)$	0.93		
					8.34	
L-28	q1		$^1((-1.00-1.90)^2+(90.70-90.71)^2)$	0.90		
532.97			$^1((5.50-1.00)^2+(90.44-90.70)^2)$	6.51		
			$^1((6.43-5.50)^2+(90.40-90.44)^2)$	0.93		
					8.34	
L-29	q1		$^1((-1.00-1.90)^2+(90.73-90.74)^2)$	0.90		
545.98			$^1((5.50-1.00)^2+(90.46-90.73)^2)$	6.51		
			$^1((6.43-5.50)^2+(90.42-90.46)^2)$	0.93		
					8.34	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DEI VOLUMI										Foglio n. 47	
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
L-9	L-10	L-10	C1	0.15	16.04	8.02	1.203				
L-10	L-11	L-10	C1	0.15	18.32	9.16	1.374		1.203		
164.10	182.42	L-11	C1	0.55	18.32	9.16	5.038				
L-11	L-12	L-11	C1	0.55	18.13	9.07	4.989			6.412	
182.42	200.55	L-12	C1	0.09	18.13	9.07	0.816				
L-12	L-13	L-12	C2	0.45	18.13	9.07	4.082			9.887	
L-12	L-13	L-12	C1	0.09	18.04	9.02	0.812				
200.55	218.59	L-12	C2	0.45	18.04	9.02	4.059				
L-13	L-14	L-13	C1	0.51	18.04	9.02	4.600			9.471	
L-13	L-14	L-13	C1	0.51	19.16	9.58	4.886				
218.59	237.75	L-14	C1	0.31	19.16	9.58	2.970				
L-14	L-15	L-14	C2	0.05	19.16	9.58	0.479			8.335	
L-14	L-15	L-14	C1	0.31	18.10	9.05	2.806				
237.75	255.85	L-14	C2	0.05	18.10	9.05	0.453			5.612	
L-15	L-16	L-15	C1	0.26	18.10	9.05	2.353				
L-15	L-16	L-15	C1	0.26	18.06	9.03	2.348			5.057	
255.85	273.91	L-16	C1	0.30	18.06	9.03	2.709				
L-16	L-17	L-16	C1	0.30	18.93	9.46	2.838			18.542	
L-16	L-17	L-16	C1	1.66	18.93	9.46	15.704				
273.91	292.84	L-17	C1	1.66	25.02	12.51	20.767			26.271	
L-17	L-18	L-17	C1	1.66	25.02	12.51	5.504				
292.84	317.86	L-18	C1	0.44	25.02	12.51	5.504			18.890	
L-18	L-19	L-18	C1	0.44	25.03	12.51	5.504				
317.86	342.89	L-19	C1	0.56	25.03	12.51	7.006				
L-19	L-20	L-19	C2	0.51	25.03	12.51	6.380				
L-19	L-20	L-19	C1	0.56	25.02	12.51	7.006			30.775	
342.89	367.91	L-19	C2	0.51	25.02	12.51	6.380				
L-20	L-21	L-20	C1	0.85	25.02	12.51	10.634				
L-20	L-21	L-20	C2	0.54	25.02	12.51	6.755				
367.91	392.93	L-21	C1	1.13	25.02	12.51	14.136			37.655	
L-21	L-22	L-21	C2	0.49	25.02	12.51	6.130				
L-21	L-22	L-21	C1	1.13	25.35	12.67	14.317				
392.93	418.28	L-21	C2	0.49	25.35	12.67	6.208			43.585	
L-22	L-23	L-22	C1	1.21	25.35	12.67	15.331				
L-22	L-23	L-22	C2	0.61	25.35	12.67	7.729				
418.28	443.84	L-22	C1	1.21	25.56	12.78	15.464				
L-23	L-23	L-23	C1	0.61	25.56	12.78	7.796				
L-23	L-23	L-23	C2	1.41	25.56	12.78	18.020				
L-23	L-23	L-23	C2	1.62	25.56	12.78	20.704				
A RIPORTARE mc							61.984	221.695			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DEI VOLUMI										Foglio n. 48	
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
A RIPIANTARE mc							61.984	221.695			
L-23	L-24	L-23	C1	1.41	19.63	9.82	13.846	61.984			
443.84	463.47	L-23	C2	1.62	19.63	9.82	15.908				
		L-24	C2	2.26	19.63	9.82	22.193				
		L-24	C1	0.83	19.63	9.82	8.151				
L-24	L-25	L-24	C2	2.26	26.06	13.03	29.448	60.098			
463.47	489.53	L-24	C1	0.83	26.06	13.03	10.815				
		L-25	C1	3.71	26.06	13.03	48.341				
		L-25	C2	0.95	26.06	13.03	12.378				
L-25	L-26	L-25	C1	3.71	15.06	7.53	27.936	100.982			
489.53	504.59	L-25	C2	0.95	15.06	7.53	7.154				
		L-26	C2	4.69	15.06	7.53	35.316				
		L-26	C1	0.39	15.06	7.53	2.937				
L-26	L-27	L-26	C2	4.69	15.16	7.58	35.550	73.343			
504.59	519.75	L-26	C1	0.39	15.16	7.58	2.956				
		L-27	C1	0.58	15.16	7.58	4.396				
		L-27	C2	0.08	15.16	7.58	0.606				
L-27	L-28	L-27	C1	0.58	13.22	6.61	3.834	43.508			
519.75	532.97	L-27	C2	0.08	13.22	6.61	0.529				
		L-28	C1	1.99	13.22	6.61	13.154				
L-28	L-29	L-28	C1	1.99	13.01	6.50	12.935	17.517			
532.97	545.98	L-29	C1	4.57	13.01	6.50	29.705				
		L-29	C2	0.03	13.01	6.50	0.195				
L-29	L-30	L-29	C1	4.57	19.73	9.87	45.106	42.835			
545.98	565.71	L-29	C2	0.03	19.73	9.87	0.296				
		L-30	C1	6.50	19.73	9.87	64.155				
L-30	L-31	L-30	C1	6.50	14.39	7.19	46.735	109.557			
								46.735			
Il Direttore dei Lavori							L'Impresa	TOTALE ARTICOLO	778.254		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DEI VOLUMI										Foglio n.	49
VEGETALE IN TRINCEA											
DALLA SEZ.	ALLA SEZ.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI	DISTANZA DI CALCOLO	VOLUME PARZIALE	VOLUME TOTALE			
DA PROG.	A PROG.				m	m	mc	mc			
L-1	L-2	L-2	F1	1.34	18.81	9.40	12.596				
0.00	18.81	L-2	F2	1.87	18.81	9.40	17.578				
											30.174
L-2	L-3	L-2	F1	1.34	21.66	10.83	14.512				
18.81	40.47	L-2	F2	1.87	21.66	10.83	20.252				
		L-3	F1	1.57	21.66	10.83	17.003				
											51.767
L-3	L-4	L-3	F1	1.57	18.00	9.00	14.130				
40.47	58.47	L-4	F1	1.47	18.00	9.00	13.230				
											27.360
L-4	L-5	L-4	F1	1.47	19.09	9.55	14.039				
											14.039
L-5	L-6	L-6	F1	1.56	18.02	9.01	14.056				
											14.056
L-6	L-7	L-6	F1	1.56	18.12	9.06	14.134				
95.58	113.70	L-7	F1	0.64	18.12	9.06	5.798				
		L-7	F2	1.62	18.12	9.06	14.677				
											34.609
L-7	L-8	L-7	F1	0.64	18.33	9.16	5.862				
113.70	132.03	L-7	F2	1.62	18.33	9.16	14.839				
		L-8	F1	0.55	18.33	9.16	5.038				
		L-8	F2	0.91	18.33	9.16	8.336				
											34.075
L-8	L-9	L-8	F1	0.55	16.03	8.02	4.411				
132.03	148.06	L-8	F2	0.91	16.03	8.02	7.298				
		L-9	F1	0.49	16.03	8.02	3.930				
		L-9	F2	0.92	16.03	8.02	7.378				
											23.017
L-9	L-10	L-9	F1	0.49	16.04	8.02	3.930				
148.06	164.10	L-9	F2	0.92	16.04	8.02	7.378				
		L-10	F1	0.24	16.04	8.02	1.925				
		L-10	F2	0.78	16.04	8.02	6.256				
											19.489
L-10	L-11	L-10	F1	0.24	18.32	9.16	2.198				
164.10	182.42	L-10	F2	0.78	18.32	9.16	7.145				
		L-11	F1	0.02	18.32	9.16	0.183				
		L-11	F2	0.57	18.32	9.16	5.221				
											14.747
L-11	L-12	L-11	F1	0.02	18.13	9.07	0.181				
182.42	200.55	L-11	F2	0.57	18.13	9.07	5.170				
		L-12	F1	0.32	18.13	9.07	2.902				
											8.253
L-12	L-13	L-12	F1	0.32	18.04	9.02	2.886				
200.55	218.59	L-13	F1	0.53	18.04	9.02	4.781				
											7.667
L-13	L-14	L-13	F1	0.53	19.16	9.58	5.077				
218.59	237.75	L-14	F1	0.10	19.16	9.58	0.958				
		L-14	F2	0.35	19.16	9.58	3.353				
											9.388
L-14	L-15	L-14	F1	0.10	18.10	9.05	0.905				
237.75	255.85	L-14	F2	0.35	18.10	9.05	3.168				
		L-15	F1	0.14	18.10	9.05	1.267				
		L-15	F2	0.57	18.10	9.05	5.159				
A RIPORTARE mc							10.499				288.641

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DEI VOLUMI										Foglio n. 50	
VEGETALE IN TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
A RIPORTARE mc							10.499	288.641			
L-15	L-16	L-15	F1	0.14	18.06	9.03	1.264	10.499			
255.85	273.91	L-15	F2	0.57	18.06	9.03	5.147				
		L-16	F1	0.74	18.06	9.03	6.682				
		L-16	F2	0.51	18.06	9.03	4.605				
L-16	L-17	L-16	F1	0.74	18.93	9.46	7.000	17.698			
273.91	292.84	L-16	F2	0.51	18.93	9.46	4.825				
		L-17	F1	0.51	18.93	9.46	4.825				
L-17	L-18	L-17	F1	0.51	25.02	12.51	6.380	16.650			
								6.380			
L-21	L-22	L-22	F1	0.22	25.35	12.67	2.787	2.787			
L-22	L-23	L-22	F1	0.22	25.56	12.78	2.812				
418.28	443.84	L-23	F1	0.34	25.56	12.78	4.345				
L-23	L-24	L-23	F1	0.34	19.63	9.82	3.339	7.157			
443.84	463.47	L-24	F1	0.06	19.63	9.82	0.589				
L-24	L-25	L-24	F1	0.06	26.06	13.03	0.782	3.928			
463.47	489.53	L-25	F1	0.27	26.06	13.03	3.518				
L-25	L-26	L-25	F1	0.27	15.06	7.53	2.033	4.300			
489.53	504.59	L-26	F1	0.36	15.06	7.53	2.711				
L-26	L-27	L-26	F1	0.36	15.16	7.58	2.729	4.744			
504.59	519.75	L-27	F1	2.82	15.16	7.58	21.376				
L-27	L-28	L-27	F1	2.82	13.22	6.61	18.640	24.105			
519.75	532.97	L-28	F1	1.64	13.22	6.61	10.840				
L-28	L-29	L-28	F1	1.64	13.01	6.50	10.660	29.480			
532.97	545.98	L-29	F1	0.57	13.01	6.50	3.705				
L-29	L-30	L-29	F1	0.57	19.73	9.87	5.626	14.365			
								5.626			
Il Direttore dei Lavori							L'Impresa				
							TOTALE ARTICOLO		436.360		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n.	51
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
L-10	L-11	L-11	a1	1.55	18.32	9.16	14.20				
								14.20			
L-11	L-12	L-11	a1	1.55	18.13	9.07	14.06				
182.42	200.55	L-12	a2	1.90	18.13	9.07	17.23				
		L-12	a1	1.37	18.13	9.07	12.43			43.72	
L-12	L-13	L-12	a2	1.90	18.04	9.02	17.14				
200.55	218.59	L-12	a1	1.37	18.04	9.02	12.36				
		L-13	a1	2.04	18.04	9.02	18.40			47.90	
L-13	L-14	L-13	a1	2.04	19.16	9.58	19.54				
218.59	237.75	L-14	a2	1.71	19.16	9.58	16.38				
		L-14	a1	1.31	19.16	9.58	12.55			48.47	
L-14	L-15	L-14	a2	1.71	18.10	9.05	15.48				
237.75	255.85	L-14	a1	1.31	18.10	9.05	11.86				
		L-15	a1	1.47	18.10	9.05	13.30			40.64	
L-15	L-16	L-15	a1	1.47	18.06	9.03	13.27				
255.85	273.91	L-16	a1	3.02	18.06	9.03	27.27			40.54	
L-16	L-17	L-16	a1	3.02	18.93	9.46	28.57				
273.91	292.84	L-17	a1	6.15	18.93	9.46	58.18			86.75	
L-17	L-18	L-17	a1	6.15	25.02	12.51	76.94				
292.84	317.86	L-18	a1	1.87	25.02	12.51	23.39			100.33	
L-18	L-19	L-18	a1	1.87	25.03	12.51	23.39				
317.86	342.89	L-19	a1	1.88	25.03	12.51	23.52				
		L-19	a2	2.11	25.03	12.51	26.40			73.31	
L-19	L-20	L-19	a1	1.88	25.02	12.51	23.52				
342.89	367.91	L-19	a2	2.11	25.02	12.51	26.40				
		L-20	a1	2.84	25.02	12.51	35.53			113.10	
		L-20	a2	2.21	25.02	12.51	27.65				
L-20	L-21	L-20	a1	2.84	25.02	12.51	35.53				
367.91	392.93	L-20	a2	2.21	25.02	12.51	27.65				
		L-21	a1	3.79	25.02	12.51	47.41				
		L-21	a2	2.08	25.02	12.51	26.02			136.61	
L-21	L-22	L-21	a1	3.79	25.35	12.67	48.02				
392.93	418.28	L-21	a2	2.08	25.35	12.67	26.35				
		L-22	a1	4.75	25.35	12.67	60.18				
		L-22	a2	2.60	25.35	12.67	32.94			167.49	
L-22	L-23	L-22	a1	4.75	25.56	12.78	60.70				
418.28	443.84	L-22	a2	2.60	25.56	12.78	33.23				
		L-23	a1	5.84	25.56	12.78	74.64				
		L-23	a2	5.43	25.56	12.78	69.40			237.97	
L-23	L-24	L-23	a1	5.84	19.63	9.82	57.35				
443.84	463.47	L-23	a2	5.43	19.63	9.82	53.32				
A RIPORTARE mq							110.67	1151.03			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n. 52	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		110.67	1151.03	
		L-24	a1	8.42	19.63	9.82	82.68				
		L-24	a2	3.34	19.63	9.82	32.80				
										226.15	
L-24	L-25	L-24	a1	8.42	26.06	13.03	109.71				
463.47	489.53	L-24	a2	3.34	26.06	13.03	43.52				
		L-25	a1	15.07	26.06	13.03	196.36				
		L-25	a2	4.00	26.06	13.03	52.12				
										401.71	
L-25	L-26	L-25	a1	15.07	15.06	7.53	113.48				
489.53	504.59	L-25	a2	4.00	15.06	7.53	30.12				
		L-26	a2	16.96	15.06	7.53	127.71				
		L-26	a1	1.74	15.06	7.53	13.10				
										284.41	
L-26	L-27	L-26	a2	16.96	15.16	7.58	128.56				
504.59	519.75	L-26	a1	1.74	15.16	7.58	13.19				
		L-27	a1	2.84	15.16	7.58	21.53				
										163.28	
L-27	L-28	L-27	a1	2.84	13.22	6.61	18.77				
519.75	532.97	L-28	a1	6.77	13.22	6.61	44.75				
										63.52	
L-28	L-29	L-28	a1	6.77	13.01	6.50	44.00				
532.97	545.98	L-29	a1	17.94	13.01	6.50	116.61				
										160.61	
L-29	L-30	L-29	a1	17.94	19.73	9.87	177.07				
545.98	565.71	L-30	a1	22.27	19.73	9.87	219.80				
										396.87	
L-30	L-31	L-30	a1	22.27	14.39	7.19	160.12				
										160.12	
Il Direttore dei Lavori							L'Impresa		TOTALE ARTICOLO		3007.70

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n.	53
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
L-1	L-2	L-2	b1	5.81	18.81	9.40	54.61				
0.00	18.81	L-2	b2	4.44	18.81	9.40	41.74				
										96.35	
L-2	L-3	L-2	b1	5.81	21.66	10.83	62.92				
18.81	40.47	L-2	b2	4.44	21.66	10.83	48.09				
		L-3	b1	4.68	21.66	10.83	50.68				
										161.69	
L-3	L-4	L-3	b1	4.68	18.00	9.00	42.12				
40.47	58.47	L-4	b1	4.47	18.00	9.00	40.23				
										82.35	
L-4	L-5	L-4	b1	4.47	19.09	9.55	42.69				
										42.69	
L-5	L-6	L-6	b1	4.84	18.02	9.01	43.61				
										43.61	
L-6	L-7	L-6	b1	4.84	18.12	9.06	43.85				
95.58	113.70	L-7	b2	1.87	18.12	9.06	16.94				
		L-7	b1	5.07	18.12	9.06	45.93				
										106.72	
L-7	L-8	L-7	b2	1.87	18.33	9.16	17.13				
113.70	132.03	L-7	b1	5.07	18.33	9.16	46.44				
		L-8	b2	1.59	18.33	9.16	14.56				
		L-8	b1	2.59	18.33	9.16	23.72				
										101.85	
L-8	L-9	L-8	b2	1.59	16.03	8.02	12.75				
132.03	148.06	L-8	b1	2.59	16.03	8.02	20.77				
		L-9	b2	1.35	16.03	8.02	10.83				
		L-9	b1	2.63	16.03	8.02	21.09				
										65.44	
L-9	L-10	L-9	b2	1.35	16.04	8.02	10.83				
148.06	164.10	L-9	b1	2.63	16.04	8.02	21.09				
		L-10	b2	1.55	16.04	8.02	12.43				
		L-10	b1	2.28	16.04	8.02	18.29				
										62.64	
L-10	L-11	L-10	b2	1.55	18.32	9.16	14.20				
164.10	182.42	L-10	b1	2.28	18.32	9.16	20.88				
		L-11	b1	1.52	18.32	9.16	13.92				
										49.00	
L-11	L-12	L-11	b1	1.52	18.13	9.07	13.79				
										13.79	
L-12	L-13	L-13	b1	1.40	18.04	9.02	12.63				
										12.63	
L-13	L-14	L-13	b1	1.40	19.16	9.58	13.41				
										13.41	
L-14	L-15	L-15	b1	1.53	18.10	9.05	13.85				
										13.85	
L-15	L-16	L-15	b1	1.53	18.06	9.03	13.82				
255.85	273.91	L-16	b1	1.36	18.06	9.03	12.28				
										26.10	
L-16	L-17	L-16	b1	1.36	18.93	9.46	12.87				
273.91	292.84	L-17	b1	1.36	18.93	9.46	12.87				
										25.74	
L-17	L-18	L-17	b1	1.36	25.02	12.51	17.01				
										17.01	
							A RIPORTARE mq			934.87	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n. 54	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
A RIPORTARE mq								934.87			
L-26	L-27	L-27	b1	9.59	15.16	7.58	72.69				
L-27	L-28	L-27	b1	9.59	13.22	6.61	63.39			72.69	
519.75	532.97	L-28	b1	5.57	13.22	6.61	36.82				
L-28	L-29	L-28	b1	5.57	13.01	6.50	36.20			100.21	
532.97	545.98	L-29	b1	2.05	13.01	6.50	13.32				49.52
L-29	L-30	L-29	b1	2.05	19.73	9.87	20.23				20.23
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO		1177.52	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A L

COMPUTO DI SUPERFICI										Foglio n. 55	
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
L-1	L-2	L-2	g1	14.44	18.81	9.40	135.74				
L-2	L-3	L-2	g1	14.44	21.66	10.83	156.39	135.74			
18.81	40.47	L-3	g1	9.00	21.66	10.83	97.47				
L-3	L-4	L-3	g1	9.00	18.00	9.00	81.00	253.86			
40.47	58.47	L-4	g1	10.32	18.00	9.00	92.88				
L-4	L-5	L-4	g1	10.32	19.09	9.55	98.56	173.88			
58.47	77.56	L-5	g1	17.24	19.09	9.55	164.64				
L-5	L-6	L-5	g1	17.24	18.02	9.01	155.33	263.20			
77.56	95.58	L-6	g1	13.01	18.02	9.01	117.22				
L-6	L-7	L-6	g1	13.01	18.12	9.06	117.87	272.55			
95.58	113.70	L-7	g1	13.02	18.12	9.06	117.96				
L-7	L-8	L-7	g1	13.02	18.33	9.16	119.26	235.83			
113.70	132.03	L-8	g1	13.02	18.33	9.16	119.26				
L-8	L-9	L-8	g1	13.02	16.03	8.02	104.42	238.52			
132.03	148.06	L-9	g1	13.01	16.03	8.02	104.34				
L-9	L-10	L-9	g1	13.01	16.04	8.02	104.34	208.76			
148.06	164.10	L-10	g1	13.09	16.04	8.02	104.98				
L-10	L-11	L-10	g1	13.09	18.32	9.16	119.90	209.32			
164.10	182.42	L-11	g1	14.24	18.32	9.16	130.44				
L-11	L-12	L-11	g1	14.24	18.13	9.07	129.16	250.34			
182.42	200.55	L-12	g1	0.10	18.13	9.07	0.91				
L-12	L-13	L-12	g2	9.19	18.13	9.07	83.35	213.42			
200.55	218.59	L-12	g1	0.10	18.04	9.02	0.90				
L-12	L-13	L-12	g2	9.19	18.04	9.02	82.89				
218.59	237.75	L-13	g1	0.10	18.04	9.02	0.90				
L-13	L-14	L-13	g1	9.43	18.04	9.02	85.06	169.75			
237.75	255.85	L-13	g2	0.10	19.16	9.58	0.96				
L-13	L-14	L-13	g2	9.43	19.16	9.58	90.34				
255.85	273.91	L-14	g1	10.55	19.16	9.58	101.07	192.37			
L-14	L-15	L-14	g1	10.55	18.10	9.05	95.48				
273.91	292.84	L-15	g1	12.12	18.10	9.05	109.69	205.17			
L-15	L-16	L-15	g1	12.12	18.06	9.03	109.44				
292.84	317.86	L-16	g1	13.70	18.06	9.03	123.71	233.15			
L-16	L-17	L-16	g1	13.70	18.93	9.46	129.60				
317.86		L-17	g1	15.02	18.93	9.46	142.09	271.69			
L-17	L-18	L-17	g1	15.02	25.02	12.51	187.90				
292.84		L-18	g1	6.60	25.02	12.51	82.57				
							A RIPORTARE mq	270.47	3798.02		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n. 56	
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		270.47	3798.02	
L-18	L-19	L-18	g1	6.60	25.03	12.51	82.57		270.47		
317.86	342.89	L-19	g1	6.60	25.03	12.51	82.57			165.14	
L-19	L-20	L-19	g1	6.60	25.02	12.51	82.57			165.14	
342.89	367.91	L-20	g1	6.60	25.02	12.51	82.57			165.14	
L-20	L-21	L-20	g1	6.60	25.02	12.51	82.57			165.14	
367.91	392.93	L-21	g1	6.60	25.02	12.51	82.57			165.14	
L-21	L-22	L-21	g1	6.60	25.35	12.67	83.62			167.24	
392.93	418.28	L-22	g1	6.60	25.35	12.67	83.62			167.24	
L-22	L-23	L-22	g1	6.60	25.56	12.78	84.35			168.70	
418.28	443.84	L-23	g1	6.60	25.56	12.78	84.35			129.62	
L-23	L-24	L-23	g1	6.60	19.63	9.82	64.81			172.13	
443.84	463.47	L-24	g1	6.60	19.63	9.82	64.81			100.30	
L-24	L-25	L-24	g1	6.60	26.06	13.03	86.00			101.72	
463.47	489.53	L-25	g1	6.61	26.06	13.03	86.13			88.70	
L-25	L-26	L-25	g1	6.61	15.06	7.53	49.77			87.24	
489.53	504.59	L-26	g1	6.71	15.06	7.53	50.53			142.92	
L-26	L-27	L-26	g1	6.71	15.16	7.58	50.86			55.87	
504.59	519.75	L-27	g1	6.71	15.16	7.58	50.86				
L-27	L-28	L-27	g1	6.71	13.22	6.61	44.35				
519.75	532.97	L-28	g1	6.71	13.22	6.61	44.35				
L-28	L-29	L-28	g1	6.71	13.01	6.50	43.62				
532.97	545.98	L-29	g1	6.71	13.01	6.50	43.62				
L-29	L-30	L-29	g1	6.71	19.73	9.87	66.23				
545.98	565.71	L-30	g1	7.77	19.73	9.87	76.69				
L-30	L-31	L-30	g1	7.77	14.39	7.19	55.87				
							Il Direttore dei Lavori		L'Impresa		
									TOTALE ARTICOLO		5507.88

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n. 57	
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			
L-1	L-2	L-2	h1	14.44	18.81	9.40	135.74				
L-2	L-3	L-2	h1	14.44	21.66	10.83	156.39		135.74		
18.81	40.47	L-3	h1	9.00	21.66	10.83	97.47				
L-3	L-4	L-3	h1	9.00	18.00	9.00	81.00			253.86	
40.47	58.47	L-4	h1	10.32	18.00	9.00	92.88				
L-4	L-5	L-4	h1	10.32	19.09	9.55	98.56			173.88	
58.47	77.56	L-5	h1	17.24	19.09	9.55	164.64				
L-5	L-6	L-5	h1	17.24	18.02	9.01	155.33			263.20	
77.56	95.58	L-6	h1	13.01	18.02	9.01	117.22				
L-6	L-7	L-6	h1	13.01	18.12	9.06	117.87			272.55	
95.58	113.70	L-7	h1	13.02	18.12	9.06	117.96				
L-7	L-8	L-7	h1	13.02	18.33	9.16	119.26			235.83	
113.70	132.03	L-8	h1	13.02	18.33	9.16	119.26				
L-8	L-9	L-8	h1	13.02	16.03	8.02	104.42			238.52	
132.03	148.06	L-9	h1	13.01	16.03	8.02	104.34				
L-9	L-10	L-9	h1	13.01	16.04	8.02	104.34			208.76	
148.06	164.10	L-10	h1	13.09	16.04	8.02	104.98				
L-10	L-11	L-10	h1	13.09	18.32	9.16	119.90			209.32	
164.10	182.42	L-11	h1	14.34	18.32	9.16	131.35				
L-11	L-12	L-11	h1	14.34	18.13	9.07	130.06			251.25	
182.42	200.55	L-12	h1	9.49	18.13	9.07	86.07				
L-12	L-13	L-12	h1	9.49	18.04	9.02	85.60			216.13	
200.55	218.59	L-13	h1	0.20	18.04	9.02	1.80				
L-13	L-14	L-13	h2	9.43	18.04	9.02	85.06			172.46	
218.59	237.75	L-13	h1	0.20	19.16	9.58	1.92				
L-13	L-14	L-13	h2	9.43	19.16	9.58	90.34				
218.59	237.75	L-14	h1	10.75	19.16	9.58	102.99			195.25	
L-14	L-15	L-14	h1	10.75	18.10	9.05	97.29				
237.75	255.85	L-15	h1	12.22	18.10	9.05	110.59			207.88	
L-15	L-16	L-15	h1	12.22	18.06	9.03	110.35				
255.85	273.91	L-16	h1	13.80	18.06	9.03	124.61			234.96	
L-16	L-17	L-16	h1	13.80	18.93	9.46	130.55				
273.91	292.84	L-17	h1	15.12	18.93	9.46	143.04			273.59	
L-17	L-18	L-17	h1	15.12	25.02	12.51	189.15				
292.84	317.86	L-18	h1	6.70	25.02	12.51	83.82			272.97	
L-18	L-19	L-18	h1	6.70	25.03	12.51	83.82				
317.86										272.97	
L-18	L-19	L-18	h1	6.70	25.03	12.51	83.82				
317.86										272.97	
A RIPORTARE mq							83.82	3816.15			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n. 58	
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			
							A RIPORTARE mq		83.82	3816.15	
317.86	342.89	L-19	h1	6.70	25.03	12.51	83.82			167.64	
L-19	L-20	L-19	h1	6.70	25.02	12.51	83.82				
342.89	367.91	L-20	h1	6.70	25.02	12.51	83.82			167.64	
L-20	L-21	L-20	h1	6.70	25.02	12.51	83.82				
367.91	392.93	L-21	h1	6.70	25.02	12.51	83.82			167.64	
L-21	L-22	L-21	h1	6.70	25.35	12.67	84.89				
392.93	418.28	L-22	h1	6.70	25.35	12.67	84.89			169.78	
L-22	L-23	L-22	h1	6.70	25.56	12.78	85.63				
418.28	443.84	L-23	h1	6.70	25.56	12.78	85.63			171.26	
L-23	L-24	L-23	h1	6.70	19.63	9.82	65.79				
443.84	463.47	L-24	h1	6.70	19.63	9.82	65.79			131.58	
L-24	L-25	L-24	h1	6.70	26.06	13.03	87.30				
463.47	489.53	L-25	h1	6.71	26.06	13.03	87.43			174.73	
L-25	L-26	L-25	h1	6.71	15.06	7.53	50.53				
489.53	504.59	L-26	h1	6.91	15.06	7.53	52.03			102.56	
L-26	L-27	L-26	h1	6.91	15.16	7.58	52.38				
504.59	519.75	L-27	h1	6.91	15.16	7.58	52.38			104.76	
L-27	L-28	L-27	h1	6.91	13.22	6.61	45.68				
519.75	532.97	L-28	h1	6.91	13.22	6.61	45.68			91.36	
L-28	L-29	L-28	h1	6.91	13.01	6.50	44.91				
532.97	545.98	L-29	h1	6.91	13.01	6.50	44.91			89.82	
L-29	L-30	L-29	h1	6.91	19.73	9.87	68.20				
545.98	565.71	L-30	h1	7.87	19.73	9.87	77.68			145.88	
L-30	L-31	L-30	h1	7.87	14.39	7.19	56.59			56.59	
Il Direttore dei Lavori							L'Impresa		TOTALE ARTICOLO		5557.39

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n.	59
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			
L-1	L-2	L-2	i1	14.44	18.81	9.40	135.74				
L-2	L-3	L-2	i1	14.44	21.66	10.83	156.39	135.74			
18.81	40.47	L-3	i1	9.00	21.66	10.83	97.47				
L-3	L-4	L-3	i1	9.00	18.00	9.00	81.00	253.86			
40.47	58.47	L-4	i1	10.32	18.00	9.00	92.88				
L-4	L-5	L-4	i1	10.32	19.09	9.55	98.56	173.88			
58.47	77.56	L-5	i1	17.24	19.09	9.55	164.64				
L-5	L-6	L-5	i1	17.24	18.02	9.01	155.33	263.20			
77.56	95.58	L-6	i1	13.01	18.02	9.01	117.22				
L-6	L-7	L-6	i1	13.01	18.12	9.06	117.87	272.55			
95.58	113.70	L-7	i1	13.02	18.12	9.06	117.96				
L-7	L-8	L-7	i1	13.02	18.33	9.16	119.26	235.83			
113.70	132.03	L-8	i1	13.02	18.33	9.16	119.26				
L-8	L-9	L-8	i1	13.02	16.03	8.02	104.42	238.52			
132.03	148.06	L-9	i1	13.01	16.03	8.02	104.34				
L-9	L-10	L-9	i1	13.01	16.04	8.02	104.34	208.76			
148.06	164.10	L-10	i1	13.09	16.04	8.02	104.98				
L-10	L-11	L-10	i1	13.09	18.32	9.16	119.90	209.32			
164.10	182.42	L-11	i1	14.59	18.32	9.16	133.64				
L-11	L-12	L-11	i1	14.59	18.13	9.07	132.33	253.54			
182.42	200.55	L-12	i1	9.98	18.13	9.07	90.52				
L-12	L-13	L-12	i1	9.98	18.04	9.02	90.02	222.85			
200.55	218.59	L-13	i1	9.88	18.04	9.02	89.12				
L-13	L-14	L-13	i1	9.88	19.16	9.58	94.65	179.14			
218.59	237.75	L-14	i1	11.24	19.16	9.58	107.68				
L-14	L-15	L-14	i1	11.24	18.10	9.05	101.72	202.33			
237.75	255.85	L-15	i1	12.47	18.10	9.05	112.85				
L-15	L-16	L-15	i1	12.47	18.06	9.03	112.60	214.57			
255.85	273.91	L-16	i1	14.05	18.06	9.03	126.87				
L-16	L-17	L-16	i1	14.05	18.93	9.46	132.91	239.47			
273.91	292.84	L-17	i1	15.37	18.93	9.46	145.40				
L-17	L-18	L-17	i1	15.37	25.02	12.51	192.28	278.31			
292.84	317.86	L-18	i1	6.96	25.02	12.51	87.07				
L-18	L-19	L-18	i1	6.96	25.03	12.51	87.07	279.35			
317.86	342.89	L-19	i1	6.96	25.03	12.51	87.07				
								174.14			
							A RIPORTARE mq		4035.36		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n.	60
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			
										A RIPORTARE mq	4035.36
L-19	L-20	L-19	i1	6.96	25.02	12.51	87.07				
342.89	367.91	L-20	i1	6.96	25.02	12.51	87.07				
										174.14	
L-20	L-21	L-20	i1	6.96	25.02	12.51	87.07				
367.91	392.93	L-21	i1	6.96	25.02	12.51	87.07				
										174.14	
L-21	L-22	L-21	i1	6.96	25.35	12.67	88.18				
392.93	418.28	L-22	i1	6.96	25.35	12.67	88.18				
										176.36	
L-22	L-23	L-22	i1	6.96	25.56	12.78	88.95				
418.28	443.84	L-23	i1	6.96	25.56	12.78	88.95				
										177.90	
L-23	L-24	L-23	i1	6.96	19.63	9.82	68.35				
443.84	463.47	L-24	i1	6.96	19.63	9.82	68.35				
										136.70	
L-24	L-25	L-24	i1	6.96	26.06	13.03	90.69				
463.47	489.53	L-25	i1	6.97	26.06	13.03	90.82				
										181.51	
L-25	L-26	L-25	i1	6.97	15.06	7.53	52.48				
489.53	504.59	L-26	i1	7.42	15.06	7.53	55.87				
										108.35	
L-26	L-27	L-26	i1	7.42	15.16	7.58	56.24				
504.59	519.75	L-27	i1	7.42	15.16	7.58	56.24				
										112.48	
L-27	L-28	L-27	i1	7.42	13.22	6.61	49.05				
519.75	532.97	L-28	i1	7.41	13.22	6.61	48.98				
										98.03	
L-28	L-29	L-28	i1	7.41	13.01	6.50	48.16				
532.97	545.98	L-29	i1	7.41	13.01	6.50	48.16				
										96.32	
L-29	L-30	L-29	i1	7.41	19.73	9.87	73.14				
545.98	565.71	L-30	i1	8.13	19.73	9.87	80.24				
										153.38	
L-30	L-31	L-30	i1	8.13	14.39	7.19	58.45				
										58.45	
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	5683.12

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n.	61
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
L-1	L-2	L-2	ml	14.44	18.81	9.40	135.74				
								135.74			
L-2	L-3	L-2	ml	14.44	21.66	10.83	156.39				
18.81	40.47	L-3	ml	9.00	21.66	10.83	97.47				
										253.86	
L-3	L-4	L-3	ml	9.00	18.00	9.00	81.00				
40.47	58.47	L-4	ml	10.32	18.00	9.00	92.88				
										173.88	
L-4	L-5	L-4	ml	10.32	19.09	9.55	98.56				
58.47	77.56	L-5	ml	17.24	19.09	9.55	164.64				
										263.20	
L-5	L-6	L-5	ml	17.24	18.02	9.01	155.33				
77.56	95.58	L-6	ml	13.01	18.02	9.01	117.22				
										272.55	
L-6	L-7	L-6	ml	13.01	18.12	9.06	117.87				
95.58	113.70	L-7	ml	13.02	18.12	9.06	117.96				
										235.83	
L-7	L-8	L-7	ml	13.02	18.33	9.16	119.26				
113.70	132.03	L-8	ml	13.02	18.33	9.16	119.26				
										238.52	
L-8	L-9	L-8	ml	13.02	16.03	8.02	104.42				
132.03	148.06	L-9	ml	13.01	16.03	8.02	104.34				
										208.76	
L-9	L-10	L-9	ml	13.01	16.04	8.02	104.34				
148.06	164.10	L-10	ml	13.09	16.04	8.02	104.98				
										209.32	
L-10	L-11	L-10	ml	13.09	18.32	9.16	119.90				
164.10	182.42	L-11	ml	15.04	18.32	9.16	137.77				
										257.67	
L-11	L-12	L-11	ml	15.04	18.13	9.07	136.41				
182.42	200.55	L-12	ml	10.86	18.13	9.07	98.50				
										234.91	
L-12	L-13	L-12	ml	10.86	18.04	9.02	97.96				
200.55	218.59	L-13	ml	10.33	18.04	9.02	93.18				
										191.14	
L-13	L-14	L-13	ml	10.33	19.16	9.58	98.96				
218.59	237.75	L-14	ml	12.13	19.16	9.58	116.21				
										215.17	
L-14	L-15	L-14	ml	12.13	18.10	9.05	109.78				
237.75	255.85	L-15	ml	12.92	18.10	9.05	116.93				
										226.71	
L-15	L-16	L-15	ml	12.92	18.06	9.03	116.67				
255.85	273.91	L-16	ml	14.50	18.06	9.03	130.94				
										247.61	
L-16	L-17	L-16	ml	14.50	18.93	9.46	137.17				
273.91	292.84	L-17	ml	15.82	18.93	9.46	149.66				
										286.83	
L-17	L-18	L-17	ml	15.82	25.02	12.51	197.91				
292.84	317.86	L-18	ml	7.42	25.02	12.51	92.82				
										290.73	
L-18	L-19	L-18	ml	7.42	25.03	12.51	92.82				
317.86	342.89	L-19	ml	7.42	25.03	12.51	92.82				
										185.64	
							A RIPORTARE mq			4128.07	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n.	62
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
A RIPORTARE mq											4128.07
L-19	L-20	L-19	ml	7.42	25.02	12.51	92.82				
342.89	367.91	L-20	ml	7.42	25.02	12.51	92.82				
										185.64	
L-20	L-21	L-20	ml	7.42	25.02	12.51	92.82				
367.91	392.93	L-21	ml	7.42	25.02	12.51	92.82				
										185.64	
L-21	L-22	L-21	ml	7.42	25.35	12.67	94.01				
392.93	418.28	L-22	ml	7.42	25.35	12.67	94.01				
										188.02	
L-22	L-23	L-22	ml	7.42	25.56	12.78	94.83				
418.28	443.84	L-23	ml	7.42	25.56	12.78	94.83				
										189.66	
L-23	L-24	L-23	ml	7.42	19.63	9.82	72.86				
443.84	463.47	L-24	ml	7.43	19.63	9.82	72.96				
										145.82	
L-24	L-25	L-24	ml	7.43	26.06	13.03	96.81				
463.47	489.53	L-25	ml	7.44	26.06	13.03	96.94				
										193.75	
L-25	L-26	L-25	ml	7.44	15.06	7.53	56.02				
489.53	504.59	L-26	ml	8.34	15.06	7.53	62.80				
										118.82	
L-26	L-27	L-26	ml	8.34	15.16	7.58	63.22				
504.59	519.75	L-27	ml	8.34	15.16	7.58	63.22				
										126.44	
L-27	L-28	L-27	ml	8.34	13.22	6.61	55.13				
519.75	532.97	L-28	ml	8.34	13.22	6.61	55.13				
										110.26	
L-28	L-29	L-28	ml	8.34	13.01	6.50	54.21				
532.97	545.98	L-29	ml	8.34	13.01	6.50	54.21				
										108.42	
L-29	L-30	L-29	ml	8.34	19.73	9.87	82.32				
545.98	565.71	L-30	ml	8.60	19.73	9.87	84.88				
										167.20	
L-30	L-31	L-30	ml	8.60	14.39	7.19	61.83				
										61.83	
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	5909.57

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI											Foglio n. 63	
COMPATTAMENTO												
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq				
L-1	L-2	L-2	q1	14.44	18.81	9.40	135.74					
								135.74				
L-2	L-3	L-2	q1	14.44	21.66	10.83	156.39					
18.81	40.47	L-3	q1	9.00	21.66	10.83	97.47					
											253.86	
L-3	L-4	L-3	q1	9.00	18.00	9.00	81.00					
40.47	58.47	L-4	q1	10.32	18.00	9.00	92.88					
											173.88	
L-4	L-5	L-4	q1	10.32	19.09	9.55	98.56					
58.47	77.56	L-5	q1	17.24	19.09	9.55	164.64					
											263.20	
L-5	L-6	L-5	q1	17.24	18.02	9.01	155.33					
77.56	95.58	L-6	q1	13.01	18.02	9.01	117.22					
											272.55	
L-6	L-7	L-6	q1	13.01	18.12	9.06	117.87					
95.58	113.70	L-7	q1	13.02	18.12	9.06	117.96					
											235.83	
L-7	L-8	L-7	q1	13.02	18.33	9.16	119.26					
113.70	132.03	L-8	q1	13.02	18.33	9.16	119.26					
											238.52	
L-8	L-9	L-8	q1	13.02	16.03	8.02	104.42					
132.03	148.06	L-9	q1	13.01	16.03	8.02	104.34					
											208.76	
L-9	L-10	L-9	q1	13.01	16.04	8.02	104.34					
148.06	164.10	L-10	q1	13.09	16.04	8.02	104.98					
											209.32	
L-10	L-11	L-10	q1	13.09	18.32	9.16	119.90					
164.10	182.42	L-11	q1	15.04	18.32	9.16	137.77					
											257.67	
L-11	L-12	L-11	q1	15.04	18.13	9.07	136.41					
182.42	200.55	L-12	q1	10.86	18.13	9.07	98.50					
											234.91	
L-12	L-13	L-12	q1	10.86	18.04	9.02	97.96					
200.55	218.59	L-13	q1	10.33	18.04	9.02	93.18					
											191.14	
L-13	L-14	L-13	q1	10.33	19.16	9.58	98.96					
218.59	237.75	L-14	q1	12.13	19.16	9.58	116.21					
											215.17	
L-14	L-15	L-14	q1	12.13	18.10	9.05	109.78					
237.75	255.85	L-15	q1	12.92	18.10	9.05	116.93					
											226.71	
L-15	L-16	L-15	q1	12.92	18.06	9.03	116.67					
255.85	273.91	L-16	q1	14.50	18.06	9.03	130.94					
											247.61	
L-16	L-17	L-16	q1	14.50	18.93	9.46	137.17					
273.91	292.84	L-17	q1	15.82	18.93	9.46	149.66					
											286.83	
L-17	L-18	L-17	q1	15.82	25.02	12.51	197.91					
292.84	317.86	L-18	q1	7.42	25.02	12.51	92.82					
											290.73	
L-18	L-19	L-18	q1	7.42	25.03	12.51	92.82					
317.86	342.89	L-19	q1	7.42	25.03	12.51	92.82					
											185.64	
								A RIPORTARE mq			4128.07	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DI SUPERFICI										Foglio n. 64	
COMPATTAMENTO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
A RIPORTARE mq										4128.07	
L-19	L-20	L-19	q1	7.42	25.02	12.51	92.82				
342.89	367.91	L-20	q1	7.42	25.02	12.51	92.82		185.64		
L-20	L-21	L-20	q1	7.42	25.02	12.51	92.82				
367.91	392.93	L-21	q1	7.42	25.02	12.51	92.82		185.64		
L-21	L-22	L-21	q1	7.42	25.35	12.67	94.01				
392.93	418.28	L-22	q1	7.42	25.35	12.67	94.01		188.02		
L-22	L-23	L-22	q1	7.42	25.56	12.78	94.83				
418.28	443.84	L-23	q1	7.42	25.56	12.78	94.83		189.66		
L-23	L-24	L-23	q1	7.42	19.63	9.82	72.86				
443.84	463.47	L-24	q1	7.43	19.63	9.82	72.96		145.82		
L-24	L-25	L-24	q1	7.43	26.06	13.03	96.81				
463.47	489.53	L-25	q1	7.44	26.06	13.03	96.94		193.75		
L-25	L-26	L-25	q1	7.44	15.06	7.53	56.02				
489.53	504.59	L-26	q1	8.34	15.06	7.53	62.80		118.82		
L-26	L-27	L-26	q1	8.34	15.16	7.58	63.22				
504.59	519.75	L-27	q1	8.34	15.16	7.58	63.22		126.44		
L-27	L-28	L-27	q1	8.34	13.22	6.61	55.13				
519.75	532.97	L-28	q1	8.34	13.22	6.61	55.13		110.26		
L-28	L-29	L-28	q1	8.34	13.01	6.50	54.21				
532.97	545.98	L-29	q1	8.34	13.01	6.50	54.21		108.42		
L-29	L-30	L-29	q1	8.34	19.73	9.87	82.32		82.32		
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	
										5762.86	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DEI VOLUMI Foglio n. 65

Volume dalla sezione L-1 alla sezione L-38

ARTICOLO	VOLUME
STERRO	mc 6280.994
RIPORTO	mc 2091.404
VEGETALE IN RILEVATO	mc 778.254
VEGETALE IN TRINCEA	mc 436.360
SEMINA	mq 3007.70
SEMINA	mq 1177.52
USURA	mq 5507.88
BINDER	mq 5557.39
BASE	mq 5683.12
FONDAZIONE	mq 5909.57
COMPATTAMENTO	mq 5762.86

Nota : I valori di sterro e riporto calcolati si riferiscono ad un pacchetto di pavimentazione da 70 cm. Di seguito si riporta la tabella con il calcolo dei movimenti materia riferiti al pacchetto di pavimentazione di spessore 57 cm.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA		<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Modifica valori movimenti materia

Di seguito si riporta il calcolo per la determinazione dei valori di sterro e riporto riferiti al pacchetto di pavimentazione da 57 cm.

RIF.	ARTICOLO	SUPERFICIE (m ²)	Δh Pavimentazione (m)	VOLUME (m ³)	NOTE
A	STERRO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	6280,994	
B	RIPORTO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	2091,404	
C	SUPERFICIE DI IMPOSTA CASSONETTO (Da computo computo sezioni trasversali)	5909,57	-	-	(1)
D	SUPERFICIE DI IMPOSTA CASSONETTO IN TRINCEA (Da computo computo sezioni trasversali)	5762,86	-	-	(2)
E	SUPERFICIE DI IMPOSTA CASSONETTO IN RILEVATO	146,71	-	-	(3)
F	VARIAZIONE STERRO (Per pavimentazione spessore = 57 cm)	5762,86	0,13	749,17	(4)
G	VARIAZIONE RIPORTO (Per pavimentazione spessore = 57 cm)	146,71	0,13	19,07	(5)
H	STERRO (Pavimentazione spessore = 57 cm)	-	-	5531,822	(6)
I	RIPORTO (Pavimentazione spessore = 57 cm)	-	-	2110,476	(7)

Nota 1 : Il valore (C) è coincidente con la superficie dell'articolo di computo "Fondazione" (vedi tabella riassuntiva pagina precedente)

Nota 2 : Il valore (D) è coincidente con la superficie dell'articolo di computo "Compattamento" (vedi tabella riassuntiva pagina precedente)

Nota 3 : Il valore (E) è determinato dalla differenza fra la superfici C - D

Nota 4 : Il valore (F) è il volume calcolato dal prodotto tra la superficie "D" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 5 : Il valore (G) è il volume calcolato dal prodotto tra la superficie "E" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 6 : Il valore (H) è il volume totale di sterro calcolato come A-H


Nota 7 : Il valore (I) è il volume totale di riporto calcolato come B+G

TABELLA RIEPILOGATIVA COMPUTI

COLLEGAMENTI VERSANTE CALABRIA - RAMPA L

COMPUTO DEI VOLUMI		Foglio n.	65
Volume dalla sezione L-1 alla sezione L-38			
ARTICOLO		VOLUME	
STERRO	mc	5531.822	
RIPORTO	mc	2110.476	
VEGETALE IN RILEVATO	mc	778.254	
VEGETALE IN TRINCEA	mc	436.360	
SEMINA	mq	3007.70	
SEMINA	mq	1177.52	
USURA	mq	5507.88	
BINDER	mq	5557.39	
BASE	mq	5683.12	
FONDAZIONE	mq	5909.57	
COMPATTAMENTO	mq	5762.86	

		<p align="center">Ponte sullo Stretto di Messina PROGETTO DEFINITIVO</p>		
<p align="center">TABULATI MOVIMENTI MATERIA</p>	<p><i>Codice documento</i> CS0113_F0.doc</p>	<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>	

		<p align="center">Ponte sullo Stretto di Messina PROGETTO DEFINITIVO</p>		
<p align="center">TABULATI MOVIMENTI MATERIA</p>	<p><i>Codice documento</i> CS0113_F0.doc</p>	<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>	

MOVIMENTI MATERIA RAMPA M

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE AREE		Foglio n. 1	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
M-17	R1	(-12.46-13.20)x(92.00+92.41)/2	68.23		
292.59		(-11.09-12.46)x(91.35+92.00)/2	125.59		
		(-8.67-11.09)x(92.00+91.35)/2	221.85		
		(-7.21-8.67)x(92.38+92.00)/2	134.60		
		(-6.86-7.21)x(93.00+92.38)/2	32.44		
		(-6.04-6.86)x(93.39+93.00)/2	76.42		
		(-6.91-6.04)x(93.39+93.39)/2	-81.25		
		(-8.62-6.91)x(92.41+93.39)/2	-158.86		
		(-13.20-8.62)x(92.41+92.41)/2	-423.24		
M-18	R1	(-6.42-6.04)x(92.78+92.79)/2	-35.26	4.22	
317.59		(-6.04-6.42)x(93.16+92.78)/2	35.33		
		(-6.91-6.04)x(93.29+93.29)/2	-81.16		
		(-14.29-6.91)x(89.07+93.29)/2	-672.91		
		(-14.19-14.29)x(89.00+89.07)/2	8.90		
		(-12.07-14.19)x(88.58+89.00)/2	188.23		
		(-11.60-12.07)x(90.00+88.58)/2	41.97		
		(-10.13-11.60)x(91.00+90.00)/2	133.03		
		(-7.44-10.13)x(92.00+91.00)/2	246.14		
		(-6.04-7.44)x(92.48+92.00)/2	129.14		
M-18	R2	(-5.99-6.04)x(92.50+92.48)/2	4.62	6.59	
317.59		(-5.60-5.99)x(92.80+92.50)/2	36.13		
		(-6.04-5.60)x(92.79+92.80)/2	-40.83		
M-18	R2	(-5.90-6.04)x(93.29+93.16)/2	13.05	0.08	
317.59		(-6.04-5.90)x(93.29+93.29)/2	-13.06		
M-18	S1	(-5.39-5.60)x(92.96+92.80)/2	19.50	0.01	
317.59		(-4.45-5.39)x(92.83+92.96)/2	87.32		
		(-5.50-4.45)x(92.80+92.83)/2	-97.46		
		(-5.60-5.50)x(92.80+92.80)/2	-9.28		
M-18	R3	(-4.11-4.45)x(92.78+92.83)/2	31.55	0.08	
317.59		(3.93-4.11)x(92.88+92.78)/2	746.35		
		(3.16-3.93)x(93.03+93.03)/2	-71.63		
		(2.41-3.16)x(93.47+93.03)/2	-69.94		
		(1.40-2.41)x(93.47+93.47)/2	-94.40		
		(1.88-1.40)x(92.98+93.47)/2	44.75		
		(1.00-1.88)x(92.96+92.98)/2	-81.81		
		(-4.45-1.00)x(92.83+92.96)/2	-506.28		
M-19	R1	(-6.42-5.60)x(93.10+93.12)/2	-76.35	1.41	
342.60		(-5.90-6.42)x(93.61+93.10)/2	48.54		
		(-6.91-5.90)x(93.61+93.61)/2	-94.55		
		(-13.31-6.91)x(89.96+93.61)/2	-587.42		
		(-11.72-13.31)x(90.00+89.96)/2	143.07		
		(-8.54-11.72)x(91.00+90.00)/2	287.79		
		(-5.95-8.54)x(92.00+91.00)/2	236.98		
		(-5.60-5.95)x(92.34+92.00)/2	32.26		
M-19	R2	(-5.50-4.45)x(93.12+93.15)/2	-97.79	9.68	
342.60		(-5.60-5.50)x(93.12+93.12)/2	-9.31		
		A RIPORTARE mq	-107.10		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

CALCOLO DELLE AREE		Foglio n. 2	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	-107.10
		$(-5.26-5.60) \times (92.68+92.34) / 2$	31.45
		$(-4.45-5.26) \times (92.52+92.68) / 2$	75.01
			0.64
M-19	R3	$(-3.45-4.45) \times (92.33+92.52) / 2$	92.42
342.60		$(3.00-3.45) \times (92.32+92.33) / 2$	595.50
		$(1.40-3.00) \times (93.79+93.79) / 2$	-150.06
		$(1.88-1.40) \times (93.30+93.79) / 2$	44.90
		$(1.00-1.88) \times (93.28+93.30) / 2$	-82.10
		$(-4.45-1.00) \times (93.15+93.28) / 2$	-508.02
			7.36
M-20	R1	$(-7.16-7.87) \times (93.49+93.80) / 2$	66.49
367.60		$(-5.77-7.16) \times (93.00+93.49) / 2$	129.61
		$(-4.83-5.77) \times (92.06+93.00) / 2$	86.98
		$(-4.81-4.83) \times (93.04+92.06) / 2$	1.85
		$(-4.42-4.81) \times (93.04+93.04) / 2$	36.29
		$(-4.40-4.42) \times (92.08+93.04) / 2$	1.85
		$(-4.02-4.40) \times (92.00+92.08) / 2$	34.98
		$(-2.76-4.02) \times (92.03+92.00) / 2$	115.94
		$(3.00-2.76) \times (92.04+92.03) / 2$	530.12
		$(1.40-3.00) \times (94.52+94.52) / 2$	-151.23
		$(1.88-1.40) \times (94.04+94.52) / 2$	45.25
		$(1.00-1.88) \times (94.02+94.04) / 2$	-82.75
		$(-5.50-1.00) \times (93.86+94.02) / 2$	-610.61
		$(-6.42-5.50) \times (93.83+93.86) / 2$	-86.34
		$(-5.90-6.42) \times (94.35+93.83) / 2$	48.93
		$(-6.91-5.90) \times (94.35+94.35) / 2$	-95.29
		$(-7.87-6.91) \times (93.80+94.35) / 2$	-90.31
			18.24
M-21	R1	$(-7.50-7.61) \times (95.00+95.08) / 2$	10.45
392.60		$(-6.47-7.50) \times (94.00+95.00) / 2$	97.34
		$(-6.13-6.47) \times (93.76+94.00) / 2$	31.92
		$(-4.35-6.13) \times (93.00+93.76) / 2$	166.22
		$(-3.72-4.35) \times (92.78+93.00) / 2$	58.52
		$(-3.70-3.72) \times (92.02+92.78) / 2$	1.85
		$(-2.11-3.70) \times (91.74+92.02) / 2$	146.09
		$(3.00-2.11) \times (91.70+91.74) / 2$	468.69
		$(1.40-3.00) \times (95.65+95.65) / 2$	-153.04
		$(1.88-1.40) \times (95.17+95.65) / 2$	45.80
		$(1.00-1.88) \times (95.15+95.17) / 2$	-83.74
		$(-5.50-1.00) \times (94.99+95.15) / 2$	-617.95
		$(-6.42-5.50) \times (94.96+94.99) / 2$	-87.38
		$(-5.90-6.42) \times (95.48+94.96) / 2$	49.51
		$(-6.91-5.90) \times (95.48+95.48) / 2$	-96.43
		$(-7.61-6.91) \times (95.08+95.48) / 2$	-66.70
			28.85
M-22	R1	$(-9.69-10.77) \times (94.26+94.34) / 2$	101.84
417.94		$(-9.67-9.69) \times (92.94+94.26) / 2$	1.87
		$(-9.41-9.67) \times (93.18+92.94) / 2$	24.20
		$(-8.23-9.41) \times (92.91+93.18) / 2$	109.79
		$(-7.59-8.23) \times (93.00+92.91) / 2$	59.49
		$(-4.80-7.59) \times (92.00+93.00) / 2$	258.07
		A RIPORTARE mq	555.26

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE AREE		Foglio n. 3	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			555.26		
		$(-3.57-4.80) \times (91.52+92.00) / 2$	112.86		
		$(-3.56-3.57) \times (92.65+91.52) / 2$	0.92		
		$(-3.15-3.56) \times (92.65+92.65) / 2$	37.99		
		$(-3.14-3.15) \times (91.90+92.65) / 2$	0.92		
		$(-1.76-3.14) \times (91.70+91.90) / 2$	126.68		
		$(3.00-1.76) \times (91.61+91.70) / 2$	436.28		
		$(1.40-3.00) \times (96.72+96.72) / 2$	-154.75		
		$(1.88-1.40) \times (96.23+96.72) / 2$	46.31		
		$(1.00-1.88) \times (96.21+96.23) / 2$	-84.67		
		$(-5.50-1.00) \times (96.05+96.21) / 2$	-624.85		
		$(-6.42-5.50) \times (96.03+96.05) / 2$	-88.36		
		$(-5.90-6.42) \times (96.54+96.03) / 2$	50.07		
		$(-6.91-5.90) \times (96.54+96.54) / 2$	-97.51		
		$(-10.77-6.91) \times (94.34+96.54) / 2$	-368.40		
				51.25	
M-23	R1	$(-0.34-11.36) \times (92.58+94.12) / 2$	1028.72		
443.97		$(2.25-0.34) \times (97.07+92.58) / 2$	245.60		
		$(1.30-2.25) \times (97.62+97.62) / 2$	-92.74		
		$(1.88-1.30) \times (97.04+97.62) / 2$	56.45		
		$(-5.50-1.88) \times (96.85+97.04) / 2$	-715.45		
		$(-6.42-5.50) \times (96.82+96.85) / 2$	-89.09		
		$(-5.90-6.42) \times (97.34+96.82) / 2$	50.48		
		$(-6.91-5.90) \times (97.34+97.34) / 2$	-98.31		
		$(-10.75-6.91) \times (95.15+97.34) / 2$	-369.58		
		$(-11.36-10.75) \times (95.15+95.15) / 2$	-58.04		
				41.96	
M-24	R1	$(-13.21-21.19) \times (90.16+90.71) / 2$	721.67		
462.73		$(-12.65-13.21) \times (90.00+90.16) / 2$	50.44		
		$(-11.76-12.65) \times (89.74+90.00) / 2$	79.98		
		$(-7.38-11.76) \times (89.47+89.74) / 2$	392.47		
		$(-5.03-7.38) \times (90.00+89.47) / 2$	210.88		
		$(-2.74-5.03) \times (90.59+90.00) / 2$	206.78		
		$(-2.29-2.74) \times (91.00+90.59) / 2$	40.86		
		$(-0.66-2.29) \times (91.88+91.00) / 2$	149.05		
		$(0.51-0.66) \times (91.72+91.88) / 2$	107.41		
		$(3.00-0.51) \times (91.63+91.72) / 2$	228.27		
		$(1.40-3.00) \times (97.91+97.91) / 2$	-156.66		
		$(1.88-1.40) \times (97.44+97.91) / 2$	46.88		
		$(1.00-1.88) \times (97.41+97.44) / 2$	-85.73		
		$(-5.50-1.00) \times (97.24+97.41) / 2$	-632.61		
		$(-6.42-5.50) \times (97.21+97.24) / 2$	-89.45		
		$(-5.90-6.42) \times (97.73+97.21) / 2$	50.68		
		$(-6.91-5.90) \times (97.73+97.73) / 2$	-98.71		
		$(-15.66-6.91) \times (92.73+97.73) / 2$	-833.26		
		$(-17.66-15.66) \times (92.73+92.73) / 2$	-185.46		
		$(-19.96-17.66) \times (91.43+92.73) / 2$	-211.78		
		$(-21.19-19.96) \times (91.43+91.43) / 2$	-112.46		
				120.75	
M-25	R1	$(-6.42-5.53) \times (97.46+97.48) / 2$	-86.75		
487.30		$(-5.90-6.42) \times (97.98+97.46) / 2$	50.81		
		$(-6.91-5.90) \times (97.98+97.98) / 2$	-98.96		
A RIPORTARE mq			-134.90		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

CALCOLO DELLE AREE		Foglio n. 4	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	-134.90
		$(-13.94-6.91) \times (93.96+97.98) / 2$	-674.67
		$(-12.85-13.94) \times (92.90+93.96) / 2$	101.84
		$(-12.65-12.85) \times (93.00+92.90) / 2$	18.59
		$(-5.53-12.65) \times (92.78+93.00) / 2$	661.38
M-25	R2	$(-1.28-5.53) \times (92.65+92.78) / 2$	394.04
487.30		$(3.00-1.28) \times (92.16+92.65) / 2$	395.49
		$(1.40-3.00) \times (98.20+98.20) / 2$	-157.12
		$(1.88-1.40) \times (97.72+98.20) / 2$	47.02
		$(1.00-1.88) \times (97.69+97.72) / 2$	-85.98
		$(-5.50-1.00) \times (97.49+97.69) / 2$	-634.34
		$(-5.53-5.50) \times (97.48+97.49) / 2$	-2.92
			43.81
M-26	S1	$(-6.38-7.59) \times (98.26+98.39) / 2$	118.97
511.81		$(-5.83-6.38) \times (98.00+98.26) / 2$	53.97
		$(-5.53-5.83) \times (97.51+98.00) / 2$	29.33
		$(-6.42-5.53) \times (97.48+97.51) / 2$	-86.77
		$(-5.90-6.42) \times (98.00+97.48) / 2$	50.82
		$(-6.91-5.90) \times (98.00+98.00) / 2$	-98.98
		$(-7.59-6.91) \times (98.39+98.00) / 2$	-66.77
			0.57
M-26	R1	$(-5.50-0.43) \times (97.51+97.70) / 2$	-578.80
511.81		$(-5.53-5.50) \times (97.51+97.51) / 2$	-2.93
		$(-5.22-5.53) \times (97.00+97.51) / 2$	30.15
		$(-4.34-5.22) \times (96.00+97.00) / 2$	84.92
		$(-3.93-4.34) \times (95.68+96.00) / 2$	39.29
		$(0.43-3.93) \times (95.23+95.68) / 2$	416.18
			11.19
M-26	R2	$(2.72-0.43) \times (95.00+95.23) / 2$	217.81
511.81		$(6.38-2.72) \times (94.30+95.00) / 2$	346.42
		$(9.33-6.38) \times (94.00+94.30) / 2$	277.74
		$(9.39-9.33) \times (93.97+94.00) / 2$	5.64
		$(10.79-9.39) \times (93.00+93.97) / 2$	130.88
		$(11.02-10.79) \times (92.95+93.00) / 2$	21.38
		$(14.21-11.02) \times (91.91+92.95) / 2$	294.85
		$(15.40-14.21) \times (91.94+91.91) / 2$	109.39
		$(13.16-15.40) \times (93.22+91.94) / 2$	-207.38
		$(11.16-13.16) \times (93.22+93.22) / 2$	-186.44
		$(2.41-11.16) \times (98.22+93.22) / 2$	-837.55
		$(1.40-2.41) \times (98.22+98.22) / 2$	-99.20
		$(1.88-1.40) \times (97.74+98.22) / 2$	47.03
		$(1.00-1.88) \times (97.71+97.74) / 2$	-86.00
		$(0.43-1.00) \times (97.70+97.71) / 2$	-55.69
			21.12
M-27	S2	$(-1.32-5.53) \times (98.00+98.84) / 2$	414.35
543.53		$(0.43-1.32) \times (97.33+98.00) / 2$	170.91
		$(-5.50-0.43) \times (97.17+97.33) / 2$	-576.69
		$(-5.53-5.50) \times (97.47+97.47) / 2$	-2.92
			5.65
M-27	S1	$(-6.52-5.53) \times (97.47+97.47) / 2$	-96.50
543.53		$(-7.84-6.52) \times (97.62+97.62) / 2$	-128.86
		A RIPORTARE mq	-225.36

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				-225.36		
			$(-12.65-7.84) \times (100.37+97.62) / 2$	-476.17		
			$(-8.82-12.65) \times (100.05+100.37) / 2$	383.80		
			$(-8.24-8.82) \times (100.00+100.05) / 2$	58.01		
			$(-6.98-8.24) \times (99.00+100.00) / 2$	125.37		
			$(-6.32-6.98) \times (99.00+99.00) / 2$	65.34		
			$(-5.53-6.32) \times (98.84+99.00) / 2$	78.15		
M-27	R1		$(1.12-0.43) \times (97.07+97.33) / 2$	67.07	9.14	
543.53			$(1.18-1.12) \times (97.00+97.07) / 2$	5.82		
			$(1.85-1.18) \times (96.00+97.00) / 2$	64.66		
			$(2.45-1.85) \times (95.00+96.00) / 2$	57.30		
			$(3.76-2.45) \times (94.23+95.00) / 2$	123.95		
			$(5.84-3.76) \times (94.00+94.23) / 2$	195.76		
			$(10.12-5.84) \times (93.44+94.00) / 2$	401.12		
			$(2.41-10.12) \times (97.85+93.44) / 2$	-737.42		
			$(1.40-2.41) \times (97.85+97.85) / 2$	-98.83		
			$(1.88-1.40) \times (97.37+97.85) / 2$	46.85		
			$(1.00-1.88) \times (97.35+97.37) / 2$	-85.68		
			$(0.43-1.00) \times (97.33+97.35) / 2$	-55.48		
M-28	S1		$(-5.50-0.43) \times (96.90+97.04) / 2$	-575.03	14.88	
557.04			$(-6.52-5.50) \times (97.20+97.20) / 2$	-99.14		
			$(-7.84-6.52) \times (97.35+97.35) / 2$	-128.50		
			$(-14.35-7.84) \times (101.06+97.35) / 2$	-645.82		
			$(-9.92-14.35) \times (101.00+101.06) / 2$	447.56		
			$(-3.93-9.92) \times (100.00+101.00) / 2$	602.00		
			$(-3.57-3.93) \times (100.00+100.00) / 2$	36.00		
			$(-3.55-3.57) \times (99.00+100.00) / 2$	1.99		
			$(0.43-3.55) \times (98.10+98.55) / 2$	391.33		
M-28	S2		$(1.38-0.43) \times (98.00+98.10) / 2$	93.15	30.39	
557.04			$(3.47-1.38) \times (97.58+98.00) / 2$	204.38		
			$(3.34-3.47) \times (97.51+97.58) / 2$	-12.68		
			$(2.02-3.34) \times (97.51+97.51) / 2$	-128.71		
			$(1.00-2.02) \times (97.36+97.36) / 2$	-99.31		
			$(0.43-1.00) \times (97.04+97.06) / 2$	-55.32		
M-29	S1		$(-16.34-21.27) \times (103.00+103.57) / 2$	509.20	1.51	
568.72			$(-13.69-16.34) \times (102.90+103.00) / 2$	272.82		
			$(-12.72-13.69) \times (102.00+102.90) / 2$	99.38		
			$(-10.80-12.72) \times (101.33+102.00) / 2$	195.20		
			$(-3.24-10.80) \times (101.00+101.33) / 2$	764.81		
			$(1.08-3.24) \times (100.00+101.00) / 2$	434.16		
			$(1.58-1.08) \times (99.00+100.00) / 2$	49.75		
			$(4.60-1.58) \times (98.00+99.00) / 2$	297.47		
			$(4.71-4.60) \times (97.98+98.00) / 2$	10.78		
			$(3.34-4.71) \times (97.20+97.98) / 2$	-133.70		
			$(2.02-3.34) \times (97.20+97.20) / 2$	-128.30		
			$(1.00-2.02) \times (97.05+97.05) / 2$	-98.99		
			$(-5.50-1.00) \times (96.59+96.75) / 2$	-628.36		
			$(-6.53-5.50) \times (96.89+96.89) / 2$	-99.80		
A RIPORTARE mq				1544.42		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

CALCOLO DELLE AREE		Foglio n. 6	
STERRI E RIPORTI			
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	NOTE
PROG.		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	1544.42
		$(-7.84-6.53) \times (97.04+97.04) / 2$	-127.12
		$(-16.59-7.84) \times (102.04+97.04) / 2$	-870.98
		$(-18.59-16.59) \times (102.04+102.04) / 2$	-204.08
		$(-21.27-18.59) \times (103.57+102.04) / 2$	-275.52
M-30	S1	$(-36.73-44.99) \times (114.59+114.55) / 2$	946.35
578.72		$(-36.50-36.73) \times (114.00+114.59) / 2$	26.29
		$(-35.83-36.50) \times (113.00+114.00) / 2$	76.05
		$(-34.79-35.83) \times (112.00+113.00) / 2$	117.00
		$(-34.35-34.79) \times (111.00+112.00) / 2$	49.06
		$(-33.09-34.35) \times (110.00+111.00) / 2$	139.23
		$(-30.67-33.09) \times (109.00+110.00) / 2$	264.99
		$(-26.25-30.67) \times (108.00+109.00) / 2$	479.57
		$(-22.33-26.25) \times (107.00+108.00) / 2$	421.40
		$(-20.36-22.33) \times (106.00+107.00) / 2$	209.80
		$(-15.84-20.36) \times (105.00+106.00) / 2$	476.86
		$(-15.74-15.84) \times (104.03+105.00) / 2$	10.45
		$(-15.72-15.74) \times (104.02+104.03) / 2$	2.08
		$(-14.28-15.72) \times (104.00+104.02) / 2$	149.77
		$(-11.21-14.28) \times (103.00+104.00) / 2$	317.74
		$(-8.27-11.21) \times (102.00+103.00) / 2$	301.35
		$(-0.16-8.27) \times (100.39+102.00) / 2$	820.69
		$(2.43-0.16) \times (99.89+100.39) / 2$	259.36
		$(5.00-2.43) \times (99.00+99.89) / 2$	255.57
		$(5.97-5.00) \times (98.79+99.00) / 2$	95.93
		$(6.13-5.97) \times (98.47+98.79) / 2$	15.78
		$(3.34-6.13) \times (96.88+98.47) / 2$	-272.51
		$(2.02-3.34) \times (96.88+96.88) / 2$	-127.88
		$(1.00-2.02) \times (96.73+96.73) / 2$	-98.66
		$(-5.50-1.00) \times (96.31+96.43) / 2$	-626.40
		$(-6.53-5.50) \times (96.61+96.61) / 2$	-99.51
		$(-7.84-6.53) \times (96.76+96.76) / 2$	-126.76
		$(-16.59-7.84) \times (101.76+96.76) / 2$	-868.53
		$(-18.59-16.59) \times (101.76+101.76) / 2$	-203.52
		$(-27.34-18.59) \times (106.76+101.76) / 2$	-912.28
		$(-29.34-27.34) \times (106.76+106.76) / 2$	-213.52
		$(-38.09-29.34) \times (111.76+106.76) / 2$	-956.03
		$(-40.09-38.09) \times (111.76+111.76) / 2$	-223.52
		$(-44.99-40.09) \times (114.55+111.76) / 2$	-554.46
M-31	S1	$(-5.50-0.90) \times (95.92+95.86) / 2$	-613.70
593.45		$(-6.52-5.50) \times (96.22+96.22) / 2$	-98.14
		$(-7.84-6.52) \times (96.37+96.37) / 2$	-127.21
		$(-16.59-7.84) \times (101.37+96.37) / 2$	-865.11
		$(-18.59-16.59) \times (101.37+101.37) / 2$	-202.74
		$(-27.34-18.59) \times (106.37+101.37) / 2$	-908.86
		$(-29.34-27.34) \times (106.37+106.37) / 2$	-212.74
		$(-32.25-29.34) \times (108.03+106.37) / 2$	-311.95
		$(-31.95-32.25) \times (108.00+108.03) / 2$	32.40
		$(-27.46-31.95) \times (107.00+108.00) / 2$	482.67
		$(-23.52-27.46) \times (106.00+107.00) / 2$	419.61
		A RIPORTARE mq	-2405.77

TABULATI MOVIMENTI MATERIA

Codice documento

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Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE AREE		Foglio n. 7	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			-2405.77		
		$(-18.02-23.52) \times (105.70+106.00) / 2$	582.17		
		$(-15.99-18.02) \times (105.59+105.70) / 2$	214.46		
		$(-12.92-15.99) \times (105.00+105.59) / 2$	323.26		
		$(-12.11-12.92) \times (104.00+105.00) / 2$	84.65		
		$(-10.63-12.11) \times (103.00+104.00) / 2$	153.18		
		$(-8.28-10.63) \times (102.00+103.00) / 2$	240.88		
		$(-4.79-8.28) \times (100.90+102.00) / 2$	354.06		
		$(-3.09-4.79) \times (101.00+100.90) / 2$	171.62		
		$(-1.00-3.09) \times (100.00+101.00) / 2$	210.04		
		$(-0.15-1.00) \times (99.00+100.00) / 2$	84.58		
		$(0.56-0.15) \times (98.00+99.00) / 2$	69.94		
		$(0.90-0.56) \times (97.12+98.00) / 2$	33.17		
M-31	S2	$(0.94-0.90) \times (97.00+97.12) / 2$	3.88	116.24	
593.45		$(1.33-0.94) \times (96.60+97.00) / 2$	37.75		
		$(2.02-1.33) \times (96.55+96.60) / 2$	66.64		
		$(3.56-2.02) \times (96.43+96.55) / 2$	148.59		
		$(3.34-3.56) \times (96.31+96.43) / 2$	-21.20		
		$(2.02-3.34) \times (96.31+96.31) / 2$	-127.13		
		$(1.00-2.02) \times (96.16+96.16) / 2$	-98.08		
		$(0.90-1.00) \times (95.86+95.86) / 2$	-9.59		
M-32	S1	$(-23.43-23.75) \times (104.00+104.00) / 2$	33.28	0.86	
603.32		$(-16.71-23.43) \times (103.00+104.00) / 2$	695.52		
		$(-14.16-16.71) \times (102.00+103.00) / 2$	261.38		
		$(-10.37-14.16) \times (100.90+102.00) / 2$	384.50		
		$(-10.15-10.37) \times (101.00+100.90) / 2$	22.21		
		$(-8.21-10.15) \times (100.00+101.00) / 2$	194.97		
		$(-6.83-8.21) \times (99.00+100.00) / 2$	137.31		
		$(-5.26-6.83) \times (98.00+99.00) / 2$	154.65		
		$(-4.17-5.26) \times (97.00+98.00) / 2$	106.27		
		$(-3.03-4.17) \times (96.60+97.00) / 2$	110.35		
		$(-0.95-3.03) \times (96.31+96.60) / 2$	200.63		
		$(0.90-0.95) \times (95.43+96.31) / 2$	177.36		
		$(-5.50-0.90) \times (95.60+95.43) / 2$	-611.30		
		$(-6.53-5.50) \times (95.90+95.90) / 2$	-98.78		
		$(-7.84-6.53) \times (96.05+96.05) / 2$	-125.83		
		$(-16.59-7.84) \times (101.05+96.05) / 2$	-862.31		
		$(-18.59-16.59) \times (101.05+101.05) / 2$	-202.10		
		$(-23.75-18.59) \times (104.00+101.05) / 2$	-529.03		
M-32	R1	$(4.54-0.90) \times (93.68+95.43) / 2$	344.18	49.08	
603.32		$(7.57-4.54) \times (92.97+93.68) / 2$	282.77		
		$(2.41-7.57) \times (95.92+92.97) / 2$	-487.34		
		$(1.40-2.41) \times (95.92+95.92) / 2$	-96.88		
		$(1.92-1.40) \times (95.40+95.92) / 2$	49.74		
		$(1.00-1.92) \times (95.42+95.40) / 2$	-87.78		
		$(0.90-1.00) \times (95.43+95.42) / 2$	-9.54		
M-33	R1	$(-5.50-0.90) \times (95.19+94.86) / 2$	-608.16	4.85	
615.67		$(-6.37-5.50) \times (95.23+95.19) / 2$	-82.83		
A RIPORTARE mq			-690.99		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE AREE		Foglio n. 8	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			-690.99		
		$(-5.90-6.37) \times (95.70+95.23) / 2$	44.87		
		$(-6.91-5.90) \times (95.70+95.70) / 2$	-96.66		
		$(-10.73-6.91) \times (93.51+95.70) / 2$	-361.39		
		$(-10.02-10.73) \times (93.00+93.51) / 2$	66.21		
		$(-8.98-10.02) \times (92.67+93.00) / 2$	96.55		
		$(-8.95-8.98) \times (90.78+92.67) / 2$	2.75		
		$(-8.14-8.95) \times (90.83+90.78) / 2$	73.55		
		$(-7.99-8.14) \times (90.00+90.83) / 2$	13.56		
		$(-7.49-7.99) \times (89.00+90.00) / 2$	44.75		
		$(-6.98-7.49) \times (88.00+89.00) / 2$	45.13		
		$(-3.98-6.98) \times (87.00+88.00) / 2$	262.50		
		$(-3.11-3.98) \times (87.00+87.00) / 2$	75.69		
		$(0.09-3.11) \times (86.00+87.00) / 2$	276.80		
		$(0.90-0.09) \times (85.73+86.00) / 2$	69.55		
				77.13	
M-33	R2	$(3.08-0.90) \times (85.00+85.73) / 2$	186.10		
615.67		$(7.62-3.08) \times (82.51+85.00) / 2$	380.25		
		$(13.56-7.62) \times (82.50+82.51) / 2$	490.08		
		$(15.05-13.56) \times (89.27+88.01) / 2$	132.07		
		$(13.16-15.05) \times (90.35+89.27) / 2$	-169.74		
		$(11.16-13.16) \times (90.35+90.35) / 2$	-180.70		
		$(2.41-11.16) \times (95.35+90.35) / 2$	-812.44		
		$(1.40-2.41) \times (95.35+95.35) / 2$	-96.30		
		$(1.94-1.40) \times (94.81+95.35) / 2$	51.34		
		$(1.00-1.94) \times (94.86+94.81) / 2$	-89.14		
		$(0.90-1.00) \times (94.86+94.86) / 2$	-9.49		
				117.97	
M-33c	R1	$(-9.90-10.43) \times (86.37+86.33) / 2$	45.77		
627.81		$(-8.74-9.90) \times (86.70+86.37) / 2$	100.38		
		$(-7.25-8.74) \times (87.00+86.70) / 2$	129.41		
		$(-5.52-7.25) \times (88.00+87.00) / 2$	151.38		
		$(-2.45-5.52) \times (88.00+88.00) / 2$	270.16		
		$(1.00-2.45) \times (87.00+88.00) / 2$	301.88		
		$(5.16-1.00) \times (86.63+87.00) / 2$	361.15		
		$(2.41-5.16) \times (94.84+93.27) / 2$	-258.65		
		$(1.40-2.41) \times (94.84+94.84) / 2$	-95.79		
		$(1.95-1.40) \times (94.29+94.84) / 2$	52.01		
		$(-6.36-1.95) \times (94.82+94.29) / 2$	-785.75		
		$(-5.90-6.36) \times (95.28+94.82) / 2$	43.72		
		$(-6.91-5.90) \times (95.28+95.28) / 2$	-96.23		
		$(-10.43-6.91) \times (93.27+95.28) / 2$	-331.85		
				112.41	
M-33d	R1	$(5.16-10.43) \times (93.27+93.27) / 2$	1454.08		
627.82		$(2.41-5.16) \times (94.84+93.27) / 2$	-258.65		
		$(1.40-2.41) \times (94.84+94.84) / 2$	-95.79		
		$(1.95-1.40) \times (94.29+94.84) / 2$	52.01		
		$(-6.36-1.95) \times (94.82+94.29) / 2$	-785.75		
		$(-5.90-6.36) \times (95.28+94.82) / 2$	43.72		
		$(-6.91-5.90) \times (95.28+95.28) / 2$	-96.23		
		$(-10.43-6.91) \times (93.27+95.28) / 2$	-331.85		
				18.46	
A RIPORTARE mq					

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE AREE		Foglio n. 9	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
M-34	R1	(5.16-10.43)x(93.27+93.27)/2	1454.08		
628.00		(2.41-5.16)x(94.84+93.27)/2	-258.65		
		(1.40-2.41)x(94.84+94.84)/2	-95.79		
		(1.95-1.40)x(94.29+94.84)/2	52.01		
		(-6.36-1.95)x(94.82+94.29)/2	-785.75		
		(-5.90-6.36)x(95.28+94.82)/2	43.72		
		(-6.91-5.90)x(95.28+95.28)/2	-96.23		
		(-10.43-6.91)x(93.27+95.28)/2	-331.85		
				18.46	
M-35	R1	(5.21-10.48)x(92.53+92.53)/2	1451.80		
647.55		(2.41-5.21)x(94.13+92.53)/2	-261.32		
		(1.40-2.41)x(94.13+94.13)/2	-95.07		
		(1.95-1.40)x(93.58+94.13)/2	51.62		
		(1.00-1.95)x(93.64+93.58)/2	-88.93		
		(-5.50-1.00)x(94.06+93.64)/2	-610.02		
		(-6.36-5.50)x(94.11+94.06)/2	-80.91		
		(-5.90-6.36)x(94.57+94.11)/2	43.40		
		(-6.91-5.90)x(94.57+94.57)/2	-95.52		
		(-10.48-6.91)x(92.53+94.57)/2	-333.97		
				18.92	
M-35b	R1	(5.21-10.48)x(92.53+92.53)/2	1451.80		
647.82		(2.41-5.21)x(94.13+92.53)/2	-261.32		
		(1.40-2.41)x(94.13+94.13)/2	-95.07		
		(1.95-1.40)x(93.58+94.13)/2	51.62		
		(1.00-1.95)x(93.64+93.58)/2	-88.93		
		(-5.50-1.00)x(94.06+93.64)/2	-610.02		
		(-6.36-5.50)x(94.11+94.06)/2	-80.91		
		(-5.90-6.36)x(94.57+94.11)/2	43.40		
		(-6.91-5.90)x(94.57+94.57)/2	-95.52		
		(-10.48-6.91)x(92.53+94.57)/2	-333.97		
				18.92	
M-35t	R1	(-9.67-10.48)x(89.00+89.46)/2	72.28		
647.83		(-7.14-9.67)x(88.00+89.00)/2	223.91		
		(-5.38-7.14)x(87.00+88.00)/2	154.00		
		(-2.19-5.38)x(86.00+87.00)/2	275.94		
		(0.22-2.19)x(86.00+86.00)/2	207.26		
		(1.70-0.22)x(86.28+86.00)/2	127.49		
		(3.79-1.70)x(86.00+86.28)/2	180.03		
		(3.83-3.79)x(86.24+86.00)/2	3.44		
		(5.21-3.83)x(86.28+86.24)/2	119.04		
		(2.41-5.21)x(94.13+92.53)/2	-261.32		
		(1.40-2.41)x(94.13+94.13)/2	-95.07		
		(1.95-1.40)x(93.58+94.13)/2	51.62		
		(1.00-1.95)x(93.64+93.58)/2	-88.93		
		(-5.50-1.00)x(94.06+93.64)/2	-610.02		
		(-6.36-5.50)x(94.11+94.06)/2	-80.91		
		(-5.90-6.36)x(94.57+94.11)/2	43.40		
		(-6.91-5.90)x(94.57+94.57)/2	-95.52		
		(-10.48-6.91)x(92.53+94.57)/2	-333.97		
				107.33	
M-36	S1	(-22.75-26.98)x(103.00+103.67)/2	437.11		
			A RIPORTARE mq	437.11	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

CALCOLO DELLE AREE		Foglio n. 10	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	437.11
664.98		$(-18.44-22.75) \times (102.00+103.00) / 2$	441.77
		$(-17.61-18.44) \times (101.00+102.00) / 2$	84.25
		$(-15.82-17.61) \times (100.00+101.00) / 2$	179.89
		$(-14.57-15.82) \times (99.00+100.00) / 2$	124.38
		$(-12.81-14.57) \times (98.00+99.00) / 2$	173.36
		$(-10.79-12.81) \times (97.00+98.00) / 2$	196.95
		$(-7.04-10.79) \times (96.00+97.00) / 2$	361.87
		$(-0.45-7.04) \times (95.00+96.00) / 2$	629.35
		$(4.05-0.45) \times (94.00+95.00) / 2$	425.25
		$(4.23-4.05) \times (93.97+94.00) / 2$	16.92
		$(3.34-4.23) \times (93.47+93.97) / 2$	-83.41
		$(2.02-3.34) \times (93.47+93.47) / 2$	-123.38
		$(1.00-2.02) \times (93.32+93.32) / 2$	-95.19
		$(-5.50-1.00) \times (93.43+93.02) / 2$	-605.96
		$(-6.53-5.50) \times (93.73+93.73) / 2$	-96.54
		$(-7.84-6.53) \times (93.88+93.88) / 2$	-122.98
		$(-16.59-7.84) \times (98.88+93.88) / 2$	-843.32
		$(-18.59-16.59) \times (98.88+98.88) / 2$	-197.76
		$(-26.98-18.59) \times (103.67+98.88) / 2$	-849.70
			52.86
M-37	S1	$(-15.91-27.04) \times (102.61+102.62) / 2$	1142.10
695.04		$(-14.61-15.91) \times (103.00+102.61) / 2$	133.65
		$(-14.18-14.61) \times (102.41+103.00) / 2$	44.16
		$(-12.74-14.18) \times (104.00+102.41) / 2$	148.62
		$(-11.24-12.74) \times (105.00+104.00) / 2$	156.75
		$(-9.68-11.24) \times (105.19+105.00) / 2$	163.95
		$(-7.80-9.68) \times (108.00+105.19) / 2$	200.40
		$(-1.78-7.80) \times (108.00+108.00) / 2$	650.16
		$(7.86-1.78) \times (107.00+108.00) / 2$	1036.30
		$(14.19-7.86) \times (106.00+107.00) / 2$	674.14
		$(19.06-14.19) \times (105.00+106.00) / 2$	513.78
		$(27.02-19.06) \times (104.00+105.00) / 2$	831.82
		$(27.50-27.02) \times (103.90+104.00) / 2$	49.90
		$(24.84-27.50) \times (102.38+103.90) / 2$	-274.35
		$(22.84-24.84) \times (102.38+102.38) / 2$	-204.76
		$(14.09-22.84) \times (97.38+102.38) / 2$	-873.95
		$(12.09-14.09) \times (97.38+97.38) / 2$	-194.76
		$(3.34-12.09) \times (92.38+97.38) / 2$	-830.20
		$(2.02-3.34) \times (92.38+92.38) / 2$	-121.94
		$(1.00-2.02) \times (92.23+92.23) / 2$	-94.07
		$(-5.50-1.00) \times (92.35+91.93) / 2$	-598.91
		$(-6.53-5.50) \times (92.65+92.65) / 2$	-95.43
		$(-7.84-6.53) \times (92.80+92.80) / 2$	-121.57
		$(-16.59-7.84) \times (97.80+92.80) / 2$	-833.88
		$(-18.59-16.59) \times (97.80+97.80) / 2$	-195.60
		$(-27.04-18.59) \times (102.62+97.80) / 2$	-846.77
			459.54
M-38	S1	$(-14.30-15.31) \times (101.00+100.64) / 2$	101.83
722.08		$(-10.65-14.30) \times (102.00+101.00) / 2$	370.48
		$(-5.84-10.65) \times (103.00+102.00) / 2$	493.03
		$(-0.98-5.84) \times (104.00+103.00) / 2$	503.01
		A RIPORTARE mq	1468.35

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE AREE		Foglio n. 11	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
			1468,35		
		$(22.67-0.98) \times (104.00+104.00) / 2$	2459,60		
		$(27.70-22.67) \times (103.04+104.00) / 2$	520,71		
		$(24.84-27.70) \times (101.41+103.04) / 2$	-292,36		
		$(22.84-24.84) \times (101.41+101.41) / 2$	-202,82		
		$(14.09-22.84) \times (96.41+101.41) / 2$	-865,46		
		$(12.09-14.09) \times (96.41+96.41) / 2$	-192,82		
		$(3.34-12.09) \times (91.41+96.41) / 2$	-821,71		
		$(2.02-3.34) \times (91.41+91.41) / 2$	-120,66		
		$(1.00-2.02) \times (91.26+91.26) / 2$	-93,09		
		$(-5.50-1.00) \times (91.37+90.96) / 2$	-592,57		
		$(-6.53-5.50) \times (91.67+91.67) / 2$	-94,42		
		$(-7.84-6.53) \times (91.82+91.82) / 2$	-120,28		
		$(-12.49-7.84) \times (94.48+91.82) / 2$	-433,15		
		$(-15.31-12.49) \times (94.48+94.48) / 2$	-266,43		
				352,89	
M-39	R1	$(-2.27-6.28) \times (83.02+82.27) / 2$	331,41		
757.48		$(0.26-2.27) \times (83.67+83.02) / 2$	210,86		
		$(0.41-0.26) \times (84.02+83.67) / 2$	12,58		
		$(2.08-0.41) \times (84.11+84.02) / 2$	140,39		
		$(11.13-2.08) \times (84.17+84.11) / 2$	761,47		
		$(13.66-11.13) \times (84.94+84.17) / 2$	213,92		
		$(13.16-13.66) \times (85.22+84.94) / 2$	-42,54		
		$(11.16-13.16) \times (85.22+85.22) / 2$	-170,44		
		$(2.41-11.16) \times (90.22+85.22) / 2$	-767,55		
		$(1.40-2.41) \times (90.22+90.22) / 2$	-91,12		
		$(1.95-1.40) \times (89.67+90.22) / 2$	49,47		
		$(1.00-1.95) \times (89.74+89.67) / 2$	-85,22		
		$(-5.01-1.00) \times (90.12+89.74) / 2$	-540,48		
		$(-6.28-5.01) \times (90.06+90.12) / 2$	-114,41		
				91,66	
M-40	R1	$(18.02-5.21) \times (82.58+82.23) / 2$	1914,27		
771.64		$(14.03-18.02) \times (84.86+82.58) / 2$	-334,04		
		$(12.03-14.03) \times (84.86+84.86) / 2$	-169,72		
		$(3.28-12.03) \times (89.86+84.86) / 2$	-764,40		
		$(2.27-3.28) \times (89.86+89.86) / 2$	-90,76		
		$(2.80-2.27) \times (89.32+89.86) / 2$	47,48		
		$(1.87-2.80) \times (89.36+89.32) / 2$	-83,09		
		$(-4.56-1.87) \times (89.63+89.36) / 2$	-575,45		
		$(-5.21-4.56) \times (89.60+89.63) / 2$	-58,25		
				113,96	
M-40b	R1	$(-3.28-4.00) \times (81.00+80.86) / 2$	58,27		
782.79		$(0.50-3.28) \times (82.00+81.00) / 2$	308,07		
		$(3.44-0.50) \times (82.20+82.00) / 2$	241,37		
		$(1.65-3.44) \times (89.68+89.67) / 2$	-160,52		
		$(2.19-1.65) \times (89.16+89.68) / 2$	48,29		
		$(-4.00-2.19) \times (89.26+89.16) / 2$	-552,21		
				56,73	
Il Direttore dei Lavori		L'Impresa			



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TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO STERRI E RIPORTI Foglio n. 12

N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI	
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc
M-17	R1		4.22	(292.59)	25.00		135.125		
M-18	R1		6.59	(317.59)					
M-17	R0		0.00	(292.59)	25.00		0.125		
M-18	R2		0.01	(317.59)					
M-17	R0		0.00	(292.59)	25.00		1.000		
M-18	R2		0.08	(317.59)					
M-17	S0	0.00		(292.59)	25.00	1.000			
M-18	S1	0.08		(317.59)					
M-17	R0		0.00	(292.59)	25.00		17.625		
M-18	R3		1.41	(317.59)				1.000	153.875
M-18	R1		6.59	(317.59)					
	R2		0.01						
	R2		0.08		25.01		204.582		
M-19	R1		9.68	(342.60)					
M-18	S1	0.08		(317.59)	2.78	0.111			
				0.08*25.01	2.78				
				0.08+0.64					
M-19	R2		0.64	(342.60)	22.23		7.114		
M-18	R3		1.41	(317.59)	25.01		109.669		
M-19	R3		7.36	(342.60)				0.111	321.365
M-19	R1		9.68	(342.60)					
	R2		0.64						
	R3		7.36		25.00		449.000		
M-20	R1		18.24	(367.60)					
A RIPORTARE :							449.000	1.111	475.240

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A M

COMPUTO STERRI E RIPORTI										Foglio n. 13	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mc	RIPORTO mc			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
RIPORTO :						449.000	1.111	475.240			
										449.000	
M-20	R1		18.24	(367.60)							
					25.00		588.625				
M-21	R1		28.85	(392.60)						588.625	
M-21	R1		28.85	(392.60)							
					25.34		1014.867				
M-22	R1		51.25	(417.94)						1014.867	
M-22	R1		51.25	(417.94)							
					26.03		1213.128				
M-23	R1		41.96	(443.97)						1213.128	
M-23	R1		41.96	(443.97)							
					18.76		1526.220				
M-24	R1		120.75	(462.73)						1526.220	
M-24	R1		120.75	(462.73)							
					24.57		2362.651				
M-25	R1		27.76	(487.30)							
	R2		43.81								
										2362.651	
M-25	R1		27.76	(487.30)							
					24.02		333.398				
					24.02						
M-26	S1	0.57		(511.81)		0.49	0.140				
M-25	R2		43.81	(487.30)							
					24.51		932.851				
M-26	R1		11.19	(511.81)							
	R2		21.12								
								0.140		1266.249	
M-26	S1	0.57		(511.81)							
					31.72	154.001					
M-27	S1	9.14		(543.53)							
M-26	R1		11.19	(511.81)							
					21.08		117.943				
					21.08						
M-27	S2	5.65		(543.53)							
					10.64	30.058					
A RIPORTARE :						184.059	117.943	1.251	8895.980		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A M

COMPUTO STERRI E RIPORTI										Foglio n. 14	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mc	RIPORTO mc			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :		184.059	117.943	1.251	8895.980
M-26	R2		21.12	(511.81)							
M-27	R1		14.88	(543.53)	31.72		570.960			184.059	688.903
M-27	S1	9.14		(543.53)							
	S2	5.65									
M-28	S1	30.39		(557.04)	13.51	305.191					
M-27	R1		14.88	(543.53)	12.27		91.289				
				14.88*13.51							
				14.88+1.51							
M-28	S2	1.51		(557.04)	12.27						
					1.24	0.936				306.127	91.289
M-28	S1	30.39		(557.04)							
	S2	1.51									
M-29	S1	66.72		(568.72)	11.68	575.941					
										575.941	
M-29	S1	66.72		(568.72)							
M-30	S1	151.74		(578.72)	10.00	1092.300					
										1092.300	
M-30	S1	151.74		(578.72)							
M-31	S1	116.24		(593.45)	14.73	1980.007					
	S2	0.86									
										1980.007	
M-31	S1	116.24		(593.45)	9.87	815.854					
M-32	S1	49.08		(603.32)							
M-31	S2	0.86		(593.45)	1.49	0.641					
				0.86*9.87							
				0.86+4.85							
M-32	R1		4.85	(603.32)	1.49						
					8.38		20.322				
										816.495	20.322
M-32	S1	49.08		(603.32)	4.80	117.792					
						A RIPORTARE :		117.792		4956.180	9696.494

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A M

COMPUTO STERRI E RIPORTI										Foglio n. 15	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)		DISTANZA	VOLUMI PARZIALI		VOLUMI TOTALI		
		STERRO	RIPORTO			m	STERRO	RIPORTO	STERRO	RIPORTO	
		mq	mq				mc	mc	mc	mc	
							RIPORTO :	117.792	4956.180	9696.494	
				49.08*12.35							
				49.08+77.13		4.80					
M-33	R1	77.13	(615.67)			7.55		291.166			
M-32	R1	4.85	(603.32)								
M-33	R2	117.97	(615.67)			12.35		758.413			
									117.792	1049.579	
M-33	R1	77.13	(615.67)								
	R2	117.97									
M-33c	R1	112.41	(627.81)			12.14		1866.586			
										1866.586	
M-33c	R1	112.41	(627.81)								
M-33d	R1	18.46	(627.82)			0.01		0.654			
										0.654	
M-33d	R1	18.46	(627.82)								
M-34	R1	18.46	(628.00)			0.18		3.323			
										3.323	
M-34	R1	18.46	(628.00)								
M-35	R1	18.92	(647.55)			19.55		365.390			
										365.390	
M-35	R1	18.92	(647.55)								
M-35b	R1	18.92	(647.82)			0.27		5.108			
										5.108	
M-35b	R1	18.92	(647.82)								
M-35t	R1	107.33	(647.83)			0.01		0.631			
										0.631	
M-35t	R1	107.33	(647.83)			11.49		616.611			
				107.33*17.15							
				107.33+52.86		11.49					
M-36	S1	52.86	(664.98)			5.66	149.594				
									149.594	616.611	
A RIPORTARE :											

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO STERRI E RIPORTI										Foglio n. 16	
N. SEZ.	FIG.	STERRO mq	RIPORTO mq	PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI mc		VOLUMI TOTALI mc			
						STERRO	RIPORTO	STERRO	RIPORTO		
RIPORTO :											
M-36	S1	52.86		(664.98)							
M-37	S1	459.54		(695.04)	30.06	7701.372				7701.372	
M-37	S1	459.54		(695.04)	27.04	10984.054				10984.054	
M-38	S1	352.89		(722.08)							
M-38	S1	352.89		(722.08)	28.10	4958.105					
				352.89*35.40	28.10						
				352.89+91.66							
M-39	R1		91.66	(757.48)	7.30		334.559			4958.105	334.559
M-39	R1		91.66	(757.48)							
M-40	R1		113.96	(771.64)	14.16		1455.790				1455.790
M-40	R1		113.96	(771.64)							
M-40b	R1		56.73	(782.79)	11.15		951.597				951.597
Il Direttore dei Lavori						L'Impresa		Totale Articoli		28867.097	16346.322
								A dedurre quantita' precedenti:			
								Quantita' da contabilizzare ...			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE AREE		Foglio n. 17	
VEGETALE IN RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
M-17	C1	$(-8.62-13.20) \times (92.41+92.41) / 2$	423.24		
292.59		$(-6.91-8.62) \times (93.39+92.41) / 2$	158.86		
		$(-5.90-6.91) \times (93.39+93.39) / 2$	94.32		
		$(-5.70-5.90) \times (93.59+93.39) / 2$	18.70		
		$(-7.00-5.70) \times (93.69+93.69) / 2$	-121.80		
		$(-8.71-7.00) \times (92.71+93.69) / 2$	-159.37		
		$(-13.74-8.71) \times (92.71+92.71) / 2$	-466.33		
		$(-13.20-13.74) \times (92.41+92.71) / 2$	49.98		
M-18	C1	$(2.41-3.16) \times (93.47+93.03) / 2$	-69.94	2.40	
317.59		$(1.40-2.41) \times (93.47+93.47) / 2$	-94.40		
		$(1.20-1.40) \times (93.67+93.47) / 2$	-18.71		
		$(2.50-1.20) \times (93.77+93.77) / 2$	121.90		
		$(3.26-2.50) \times (93.33+93.77) / 2$	71.10		
		$(3.93-3.26) \times (93.33+93.33) / 2$	62.53		
		$(3.16-3.93) \times (93.03+93.03) / 2$	-71.63		
M-18	C2	$(-6.91-14.29) \times (93.29+89.07) / 2$	672.91	0.85	
317.59		$(-5.90-6.91) \times (93.29+93.29) / 2$	94.22		
		$(-5.70-5.90) \times (93.49+93.29) / 2$	18.68		
		$(-7.00-5.70) \times (93.59+93.59) / 2$	-121.67		
		$(-14.57-7.00) \times (89.27+93.59) / 2$	-692.13		
		$(-14.29-14.57) \times (89.07+89.27) / 2$	24.97		
M-19	C1	$(1.20-1.40) \times (93.99+93.79) / 2$	-18.78	3.02	
342.60		$(2.50-1.20) \times (94.09+94.09) / 2$	122.32		
		$(1.40-2.50) \times (93.79+93.79) / 2$	-103.17		
M-19	C2	$(-6.91-13.31) \times (93.61+89.96) / 2$	587.42	0.37	
342.60		$(-5.90-6.91) \times (93.61+93.61) / 2$	94.55		
		$(-5.70-5.90) \times (93.81+93.61) / 2$	18.74		
		$(-7.00-5.70) \times (93.91+93.91) / 2$	-122.08		
		$(-13.95-7.00) \times (89.94+93.91) / 2$	-638.88		
		$(-13.31-13.95) \times (89.96+89.94) / 2$	57.57		
M-20	C1	$(1.20-1.40) \times (94.72+94.52) / 2$	-18.92	2.68	
367.60		$(2.25-1.20) \times (94.82+94.82) / 2$	99.56		
		$(1.40-2.25) \times (94.52+94.52) / 2$	-80.34		
M-20	C2	$(-6.91-7.87) \times (94.35+93.80) / 2$	90.31	0.30	
367.60		$(-5.90-6.91) \times (94.35+94.35) / 2$	95.29		
		$(-5.70-5.90) \times (94.55+94.35) / 2$	18.89		
		$(-7.00-5.70) \times (94.65+94.65) / 2$	-123.04		
		$(-8.22-7.00) \times (93.96+94.65) / 2$	-115.05		
		$(-7.87-8.22) \times (93.80+93.96) / 2$	32.86		
M-21	C1	$(1.20-1.40) \times (95.85+95.65) / 2$	-19.15	0.74	
392.60		$(2.25-1.20) \times (95.95+95.95) / 2$	100.75		
		$(1.40-2.25) \times (95.65+95.65) / 2$	-81.30		
M-21	C2	$(-6.91-7.61) \times (95.48+95.08) / 2$	66.70	0.30	
392.60		$(-5.90-6.91) \times (95.48+95.48) / 2$	96.43		
		$(-5.70-5.90) \times (95.68+95.48) / 2$	19.12		
A RIPORTARE mq			182.25		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				182,25		
			$(-7.00-5.70) \times (95.78+95.78) / 2$	-124,51		
			$(-7.87-7.00) \times (95.29+95.78) / 2$	-83,12		
			$(-7.61-7.87) \times (95.08+95.29) / 2$	24,75		
M-22	C1		$(1.20-1.40) \times (96.92+96.72) / 2$	-19,36	0,63	
417.94			$(2.25-1.20) \times (97.02+97.02) / 2$	101,87		
			$(1.40-2.25) \times (96.72+96.72) / 2$	-82,21		
M-22	C2		$(-6.91-10.77) \times (96.54+94.34) / 2$	368,40		
417.94			$(-5.90-6.91) \times (96.54+96.54) / 2$	97,51		
			$(-5.70-5.90) \times (96.74+96.54) / 2$	19,33		
			$(-7.00-5.70) \times (96.84+96.84) / 2$	-125,89		
			$(-11.33-7.00) \times (94.37+96.84) / 2$	-413,97		
			$(-10.77-11.33) \times (94.34+94.37) / 2$	52,84		
M-23	C1		$(1.20-1.30) \times (97.72+97.62) / 2$	-9,77	1,78	
443.97			$(2.25-1.20) \times (97.82+97.82) / 2$	102,71		
			$(1.30-2.25) \times (97.62+97.62) / 2$	-92,74		
M-23	C2		$(-6.91-10.75) \times (97.34+95.15) / 2$	369,58	0,20	
443.97			$(-5.90-6.91) \times (97.34+97.34) / 2$	98,31		
			$(-5.70-5.90) \times (97.54+97.34) / 2$	19,49		
			$(-7.00-5.70) \times (97.64+97.64) / 2$	-126,93		
			$(-11.36-7.00) \times (95.15+97.64) / 2$	-420,28		
			$(-10.75-11.36) \times (95.15+95.15) / 2$	58,04		
M-23	C3		$(1.20-1.30) \times (97.72+97.62) / 2$	-9,77	1,79	
443.97			$(2.25-1.20) \times (97.82+97.82) / 2$	102,71		
			$(1.30-2.25) \times (97.62+97.62) / 2$	-92,74		
M-24	C1		$(-5.70-5.90) \times (97.93+97.73) / 2$	19,57	0,20	
462.73			$(-7.00-5.70) \times (98.03+98.03) / 2$	-127,44		
			$(-15.75-7.00) \times (93.03+98.03) / 2$	-835,89		
			$(-17.75-15.75) \times (93.03+93.03) / 2$	-186,06		
			$(-20.11-17.75) \times (91.69+93.03) / 2$	-217,97		
			$(-19.96-20.11) \times (91.43+91.69) / 2$	13,73		
			$(-17.66-19.96) \times (92.73+91.43) / 2$	211,78		
			$(-15.66-17.66) \times (92.73+92.73) / 2$	185,46		
			$(-6.91-15.66) \times (97.73+92.73) / 2$	833,26		
			$(-5.90-6.91) \times (97.73+97.73) / 2$	98,71		
M-24	C2		$(1.20-1.40) \times (98.11+97.91) / 2$	-19,60	4,85	
462.73			$(2.25-1.20) \times (98.21+98.21) / 2$	103,12		
			$(1.40-2.25) \times (97.91+97.91) / 2$	-83,22		
M-25	C1		$(-5.90-5.70) \times (97.98+98.18) / 2$	-19,62	0,30	
487.30			$(-6.91-5.90) \times (97.98+97.98) / 2$	-98,96		
			$(-8.84-6.91) \times (96.88+97.98) / 2$	-188,04		
			$(-9.42-8.84) \times (96.90+96.88) / 2$	-56,20		
			$(-7.00-9.42) \times (98.28+96.90) / 2$	236,17		
			$(-5.70-7.00) \times (98.28+98.28) / 2$	127,76		
A RIPORTARE mq				1,11		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A M

CALCOLO DELLE AREE		Foglio n. 19	
VEGETALE IN RILEVATO			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	1.11
		$(-5.90-5.70) \times (97.98+98.18) / 2$	-19.62
		$(-5.70-5.90) \times (98.18+97.98) / 2$	19.62
M-25	C2	$(1.20-1.40) \times (98.40+98.20) / 2$	-19.66
487.30		$(2.25-1.20) \times (98.50+98.50) / 2$	103.43
		$(1.40-2.25) \times (98.20+98.20) / 2$	-83.47
			1.11
M-26	C1	$(-5.70-5.88) \times (98.20+98.02) / 2$	17.66
511.81		$(-6.74-5.70) \times (98.30+98.30) / 2$	-102.23
		$(-6.83-6.74) \times (98.30+98.30) / 2$	-8.85
		$(-6.39-6.83) \times (98.25+98.30) / 2$	43.24
		$(-5.89-6.39) \times (98.01+98.25) / 2$	49.06
		$(-5.88-5.89) \times (98.02+98.02) / 2$	0.98
			0.14
M-26	C2	$(3.14-2.41) \times (97.80+98.22) / 2$	71.55
511.81		$(3.80-3.14) \times (97.78+97.80) / 2$	64.54
		$(2.87-3.80) \times (98.31+97.78) / 2$	-91.18
		$(2.50-2.87) \times (98.52+98.31) / 2$	-36.41
		$(1.20-2.50) \times (98.52+98.52) / 2$	-128.08
		$(1.40-1.20) \times (98.22+98.42) / 2$	19.66
		$(2.41-1.40) \times (98.22+98.22) / 2$	99.20
			0.72
M-26	C3	$(13.16-15.40) \times (93.22+91.94) / 2$	-207.38
511.81		$(11.16-13.16) \times (93.22+93.22) / 2$	-186.44
		$(10.20-11.16) \times (93.77+93.22) / 2$	-89.76
		$(11.25-10.20) \times (93.52+94.12) / 2$	98.51
		$(13.25-11.25) \times (93.52+93.52) / 2$	187.04
		$(15.98-13.25) \times (91.96+93.52) / 2$	253.18
		$(15.40-15.98) \times (91.94+91.96) / 2$	-53.33
			1.82
M-27	C1	$(2.50-10.92) \times (98.15+93.34) / 2$	-806.17
543.53		$(1.20-2.50) \times (98.15+98.15) / 2$	-127.60
		$(1.40-1.20) \times (97.85+98.05) / 2$	19.59
		$(2.41-1.40) \times (97.85+97.85) / 2$	98.83
		$(10.12-2.41) \times (93.44+97.85) / 2$	737.42
		$(10.92-10.12) \times (93.34+93.44) / 2$	74.71
			3.22
M-28	C1	$(3.25-2.33) \times (97.81+97.81) / 2$	89.99
557.04		$(3.74-3.25) \times (97.53+97.81) / 2$	47.86
		$(2.33-3.74) \times (97.81+97.53) / 2$	-137.71
			0.14
M-31	C1	$(3.25-2.02) \times (96.61+96.61) / 2$	118.83
593.45		$(3.55-3.25) \times (96.44+96.61) / 2$	28.96
		$(2.02-3.55) \times (96.55+96.44) / 2$	-147.64
			0.15
M-32	C1	$(2.41-7.57) \times (95.92+92.97) / 2$	-487.34
603.32		$(1.40-2.41) \times (95.92+95.92) / 2$	-96.88
		$(1.20-1.40) \times (96.12+95.92) / 2$	-19.20
		$(2.50-1.20) \times (96.22+96.22) / 2$	125.09
		$(8.62-2.50) \times (92.72+96.22) / 2$	578.16
		$(7.57-8.62) \times (92.97+92.72) / 2$	-97.49
		A RIPORTARE mq	2.34

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE AREE		Foglio n. 20	
VEGETALE IN RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			2.34		
				2.34	
M-33	C1	(13.16-15.05)x(90.35+89.27)/2	-169.74		
615.67		(11.16-13.16)x(90.35+90.35)/2	-180.70		
		(2.41-11.16)x(95.35+90.35)/2	-812.44		
		(1.40-2.41)x(95.35+95.35)/2	-96.30		
		(1.20-1.40)x(95.55+95.35)/2	-19.09		
		(2.50-1.20)x(95.65+95.65)/2	124.35		
		(11.25-2.50)x(90.65+95.65)/2	815.06		
		(13.25-11.25)x(90.65+90.65)/2	181.30		
		(15.30-13.25)x(89.48+90.65)/2	184.63		
		(15.05-15.30)x(89.27+89.48)/2	-22.34		
				4.73	
M-33	C2	(-6.91-10.73)x(95.70+93.51)/2	361.39		
615.67		(-5.90-6.91)x(95.70+95.70)/2	96.66		
		(-5.70-5.90)x(95.90+95.70)/2	19.16		
		(-7.00-5.70)x(96.00+96.00)/2	-124.80		
		(-11.01-7.00)x(93.71+96.00)/2	-380.37		
		(-10.73-11.01)x(93.51+93.71)/2	26.21		
				1.75	
M-33c	C1	(2.41-5.16)x(94.84+93.27)/2	-258.65		
627.81		(1.40-2.41)x(94.84+94.84)/2	-95.79		
		(1.20-1.40)x(95.04+94.84)/2	-18.99		
		(2.50-1.20)x(95.14+95.14)/2	123.68		
		(5.77-2.50)x(93.27+95.14)/2	308.05		
		(5.16-5.77)x(93.27+93.27)/2	-56.89		
				1.41	
M-33c	C2	(-6.91-10.43)x(95.28+93.27)/2	331.85		
627.81		(-5.90-6.91)x(95.28+95.28)/2	96.23		
		(-5.70-5.90)x(95.48+95.28)/2	19.08		
		(-7.00-5.70)x(95.58+95.58)/2	-124.25		
		(-11.04-7.00)x(93.27+95.58)/2	-381.48		
		(-10.43-11.04)x(93.27+93.27)/2	56.89		
				1.68	
M-33d	C1	(2.41-5.16)x(94.84+93.27)/2	-258.65		
627.82		(1.40-2.41)x(94.84+94.84)/2	-95.79		
		(1.20-1.40)x(95.04+94.84)/2	-18.99		
		(2.50-1.20)x(95.14+95.14)/2	123.68		
		(5.77-2.50)x(93.27+95.14)/2	308.05		
		(5.16-5.77)x(93.27+93.27)/2	-56.89		
				1.41	
M-33d	C2	(-5.90-6.91)x(95.28+95.28)/2	96.23		
627.82		(-5.70-5.90)x(95.48+95.28)/2	19.08		
		(-7.00-5.70)x(95.58+95.58)/2	-124.25		
		(-11.04-7.00)x(93.27+95.58)/2	-381.48		
		(-10.43-11.04)x(93.27+93.27)/2	56.89		
		(-6.91-10.43)x(95.28+93.27)/2	331.85		
				1.68	
M-34	C1	(2.41-5.16)x(94.84+93.27)/2	-258.65		
628.00		(1.40-2.41)x(94.84+94.84)/2	-95.79		
		(1.20-1.40)x(95.04+94.84)/2	-18.99		
		(2.50-1.20)x(95.14+95.14)/2	123.68		
A RIPORTARE mq			-249.75		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				-249.75		
			(5.77-2.50)x(93.27+95.14)/2	308.05		
			(5.16-5.77)x(93.27+93.27)/2	-56.89		
					1.41	
M-34		C2	(-6.91-10.43)x(95.28+93.27)/2	331.85		
628.00			(-5.90-6.91)x(95.28+95.28)/2	96.23		
			(-5.70-5.90)x(95.48+95.28)/2	19.08		
			(-7.00-5.70)x(95.58+95.58)/2	-124.25		
			(-11.04-7.00)x(93.27+95.58)/2	-381.48		
			(-10.43-11.04)x(93.27+93.27)/2	56.89		
					1.68	
M-35		C1	(2.41-5.21)x(94.13+92.53)/2	-261.32		
647.55			(1.40-2.41)x(94.13+94.13)/2	-95.07		
			(1.20-1.40)x(94.33+94.13)/2	-18.85		
			(2.50-1.20)x(94.43+94.43)/2	122.76		
			(5.82-2.50)x(92.53+94.43)/2	310.35		
			(5.21-5.82)x(92.53+92.53)/2	-56.44		
					1.43	
M-35		C2	(-6.91-10.48)x(94.57+92.53)/2	333.97		
647.55			(-5.90-6.91)x(94.57+94.57)/2	95.52		
			(-5.70-5.90)x(94.77+94.57)/2	18.93		
			(-7.00-5.70)x(94.87+94.87)/2	-123.33		
			(-11.10-7.00)x(92.53+94.87)/2	-384.17		
			(-10.48-11.10)x(92.53+92.53)/2	57.37		
					1.71	
M-35b		C1	(5.21-5.82)x(92.53+92.53)/2	-56.44		
647.82			(2.41-5.21)x(94.13+92.53)/2	-261.32		
			(1.40-2.41)x(94.13+94.13)/2	-95.07		
			(1.20-1.40)x(94.33+94.13)/2	-18.85		
			(2.50-1.20)x(94.43+94.43)/2	122.76		
			(5.82-2.50)x(92.53+94.43)/2	310.35		
					1.43	
M-35b		C2	(-6.91-10.48)x(94.57+92.53)/2	333.97		
647.82			(-5.90-6.91)x(94.57+94.57)/2	95.52		
			(-5.70-5.90)x(94.77+94.57)/2	18.93		
			(-7.00-5.70)x(94.87+94.87)/2	-123.33		
			(-11.10-7.00)x(92.53+94.87)/2	-384.17		
			(-10.48-11.10)x(92.53+92.53)/2	57.37		
					1.71	
M-35t		C1	(2.50-5.82)x(94.43+92.53)/2	-310.35		
647.83			(1.20-2.50)x(94.43+94.43)/2	-122.76		
			(1.40-1.20)x(94.13+94.33)/2	18.85		
			(2.41-1.40)x(94.13+94.13)/2	95.07		
			(5.21-2.41)x(92.53+94.13)/2	261.32		
			(5.82-5.21)x(92.53+92.53)/2	56.44		
					1.43	
M-35t		C2	(-5.90-6.91)x(94.57+94.57)/2	95.52		
647.83			(-5.70-5.90)x(94.77+94.57)/2	18.93		
			(-7.00-5.70)x(94.87+94.87)/2	-123.33		
			(-11.10-7.00)x(92.53+94.87)/2	-384.17		
			(-10.48-11.10)x(92.53+92.53)/2	57.37		
			(-6.91-10.48)x(94.57+92.53)/2	333.97		
A RIPORTARE mq				1.71		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE AREE		Foglio n. 22	
VEGETALE IN RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			1.71		
M-39	C1	(13.16-13.66)x(85.22+84.94)/2	-42.54	1.71	
757.48		(11.16-13.16)x(85.22+85.22)/2	-170.44		
		(2.41-11.16)x(90.22+85.22)/2	-767.55		
		(1.40-2.41)x(90.22+90.22)/2	-91.12		
		(1.20-1.40)x(90.42+90.22)/2	-18.06		
		(2.50-1.20)x(90.52+90.52)/2	117.68		
		(11.25-2.50)x(85.52+90.52)/2	770.17		
		(13.25-11.25)x(85.52+85.52)/2	171.04		
		(14.04-13.25)x(85.07+85.52)/2	67.38		
		(13.66-14.04)x(84.94+85.07)/2	-32.30		
M-40	C1	(14.03-18.02)x(84.86+82.58)/2	-334.04	4.26	
771.64		(12.03-14.03)x(84.86+84.86)/2	-169.72		
		(3.28-12.03)x(89.86+84.86)/2	-764.40		
		(2.27-3.28)x(89.86+89.86)/2	-90.76		
		(2.07-2.27)x(90.06+89.86)/2	-17.99		
		(3.37-2.07)x(90.16+90.16)/2	117.21		
		(12.12-3.37)x(85.16+90.16)/2	767.02		
		(14.12-12.12)x(85.16+85.16)/2	170.32		
		(18.62-14.12)x(82.59+85.16)/2	377.44		
		(18.02-18.62)x(82.58+82.59)/2	-49.55	5.53	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE AREE		Foglio n. 23	
VEGETALE IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
M-17	F1	(11.76-12.44)x(93.39+93.78)/2	-63.64		
292.59		(10.44-11.76)x(93.39+93.39)/2	-123.27		
		(11.67-10.44)x(93.69+93.69)/2	115.24		
		(11.80-11.67)x(93.77+93.69)/2	12.18		
		(12.44-11.80)x(93.78+93.77)/2	60.02		
				0.53	
M-26	F1	(-6.91-7.59)x(98.00+98.39)/2	66.77		
511.81		(-5.90-6.91)x(98.00+98.00)/2	98.98		
		(-5.89-5.90)x(98.01+98.00)/2	0.98		
		(-6.39-5.89)x(98.25+98.01)/2	-49.06		
		(-6.83-6.39)x(98.30+98.25)/2	-43.24		
		(-7.00-6.83)x(98.30+98.30)/2	-16.71		
		(-7.06-7.00)x(98.33+98.30)/2	-5.90		
		(-7.59-7.06)x(98.39+98.33)/2	-52.13		
				0.31	
M-27	F1	(-7.84-12.65)x(97.62+100.37)/2	476.17		
543.53		(-6.53-7.84)x(97.62+97.62)/2	127.88		
		(-7.75-6.53)x(97.92+97.92)/2	-119.46		
		(-11.93-7.75)x(100.31+97.92)/2	-414.30		
		(-12.65-11.93)x(100.37+100.31)/2	-72.24		
				1.95	
M-28	F2	(-7.84-14.35)x(97.35+101.06)/2	645.82		
557.04		(-6.53-7.84)x(97.35+97.35)/2	127.53		
		(-7.75-6.53)x(97.65+97.65)/2	-119.13		
		(-13.72-7.75)x(101.05+97.65)/2	-593.12		
		(-14.35-13.72)x(101.06+101.05)/2	-63.66		
				2.56	
M-28	F1	(3.34-3.47)x(97.51+97.58)/2	-12.68		
557.04		(2.02-3.34)x(97.51+97.51)/2	-128.71		
		(2.33-2.02)x(97.81+97.81)/2	30.32		
		(3.47-2.33)x(97.58+97.81)/2	111.37		
				0.30	
M-29	F2	(-18.59-21.27)x(102.04+103.57)/2	275.52		
568.72		(-16.59-18.59)x(102.04+102.04)/2	204.08		
		(-7.84-16.59)x(97.04+102.04)/2	870.98		
		(-6.53-7.84)x(97.04+97.04)/2	127.12		
		(-7.75-6.53)x(97.34+97.34)/2	-118.75		
		(-16.50-7.75)x(102.34+97.34)/2	-873.60		
		(-18.50-16.50)x(102.34+102.34)/2	-204.68		
		(-20.50-18.50)x(103.48+102.34)/2	-205.82		
		(-21.27-20.50)x(103.57+103.48)/2	-79.71		
				4.86	
M-29	F1	(3.34-4.71)x(97.20+97.98)/2	-133.70		
568.72		(2.02-3.34)x(97.20+97.20)/2	-128.30		
		(3.25-2.02)x(97.50+97.50)/2	119.93		
		(4.30-3.25)x(98.10+97.50)/2	102.69		
		(4.71-4.30)x(97.98+98.10)/2	40.20		
				0.82	
M-30	F2	(-40.09-44.99)x(111.76+114.55)/2	554.46		
578.72		(-38.09-40.09)x(111.76+111.76)/2	223.52		
		(-29.34-38.09)x(106.76+111.76)/2	956.03		
		(-27.34-29.34)x(106.76+106.76)/2	213.52		
		(-18.59-27.34)x(101.76+106.76)/2	912.28		
		A RIPORTARE mq	2859.81		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE AREE		Foglio n. 24	
VEGETALE IN TRINCEA					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			2859,81		
		$(-16.59-18.59) \times (101.76+101.76) / 2$	203,52		
		$(-7.84-16.59) \times (96.76+101.76) / 2$	868,53		
		$(-6.53-7.84) \times (96.76+96.76) / 2$	126,76		
		$(-7.75-6.53) \times (97.06+97.06) / 2$	-118,41		
		$(-16.50-7.75) \times (102.06+97.06) / 2$	-871,15		
		$(-18.50-16.50) \times (102.06+102.06) / 2$	-204,12		
		$(-27.25-18.50) \times (107.06+102.06) / 2$	-914,90		
		$(-29.25-27.25) \times (107.06+107.06) / 2$	-214,12		
		$(-38.00-29.25) \times (112.06+107.06) / 2$	-958,65		
		$(-40.00-38.00) \times (112.06+112.06) / 2$	-224,12		
		$(-44.38-40.00) \times (114.56+112.06) / 2$	-496,30		
		$(-44.99-44.38) \times (114.56+114.56) / 2$	-69,88		
M-30	F1	$(3.34-6.13) \times (96.88+98.47) / 2$	-272,51	13,03	
578.72		$(2.02-3.34) \times (96.88+96.88) / 2$	-127,88		
		$(3.25-2.02) \times (97.18+97.18) / 2$	119,53		
		$(5.99-3.25) \times (98.75+97.18) / 2$	268,42		
		$(6.13-5.99) \times (98.47+98.75) / 2$	13,81		
M-31	F1	$(-29.34-32.25) \times (106.37+108.03) / 2$	311,95	1,37	
593.45		$(-27.34-29.34) \times (106.37+106.37) / 2$	212,74		
		$(-18.59-27.34) \times (101.37+106.37) / 2$	908,86		
		$(-16.59-18.59) \times (101.37+101.37) / 2$	202,74		
		$(-7.84-16.59) \times (96.37+101.37) / 2$	865,11		
		$(-6.53-7.84) \times (96.37+96.37) / 2$	126,24		
		$(-7.75-6.53) \times (96.67+96.67) / 2$	-117,94		
		$(-16.50-7.75) \times (101.67+96.67) / 2$	-867,74		
		$(-18.50-16.50) \times (101.67+101.67) / 2$	-203,34		
		$(-27.25-18.50) \times (106.67+101.67) / 2$	-911,49		
		$(-29.25-27.25) \times (106.67+106.67) / 2$	-213,34		
		$(-31.35-29.25) \times (107.87+106.67) / 2$	-225,27		
		$(-32.25-31.35) \times (108.03+107.87) / 2$	-97,15		
M-31	F2	$(3.34-3.56) \times (96.31+96.43) / 2$	-21,20	8,63	
593.45		$(2.02-3.34) \times (96.31+96.31) / 2$	-127,13		
		$(3.56-2.02) \times (96.43+96.55) / 2$	148,59		
M-32	F1	$(-18.59-23.75) \times (101.05+104.00) / 2$	529,03	0,26	
603.32		$(-16.59-18.59) \times (101.05+101.05) / 2$	202,10		
		$(-7.84-16.59) \times (96.05+101.05) / 2$	862,31		
		$(-6.53-7.84) \times (96.05+96.05) / 2$	125,83		
		$(-7.75-6.53) \times (96.35+96.35) / 2$	-117,55		
		$(-16.50-7.75) \times (101.35+96.35) / 2$	-864,94		
		$(-18.50-16.50) \times (101.35+101.35) / 2$	-202,70		
		$(-23.03-18.50) \times (103.94+101.35) / 2$	-464,98		
		$(-23.75-23.03) \times (104.00+103.94) / 2$	-74,86		
M-36	F2	$(-18.59-26.98) \times (98.88+103.67) / 2$	849,70	5,76	
664.98		$(-16.59-18.59) \times (98.88+98.88) / 2$	197,76		
		$(-7.84-16.59) \times (93.88+98.88) / 2$	843,32		
		$(-6.53-7.84) \times (93.88+93.88) / 2$	122,98		
A RIPORTARE mq			2013,76		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
				RIPORTO mq		
				2013.76		
			$(-7.75-6.53) \times (94.18+94.18) / 2$	-114.90		
			$(-16.50-7.75) \times (99.18+94.18) / 2$	-845.95		
			$(-18.50-16.50) \times (99.18+99.18) / 2$	-198.36		
			$(-26.12-18.50) \times (103.54+99.18) / 2$	-772.36		
			$(-26.98-26.12) \times (103.67+103.54) / 2$	-89.10		
M-36	F1		$(3.34-4.23) \times (93.47+93.97) / 2$	-83.41	6.91	
664.98			$(2.02-3.34) \times (93.47+93.47) / 2$	-123.38		
			$(3.25-2.02) \times (93.77+93.77) / 2$	115.34		
			$(3.77-3.25) \times (94.06+93.77) / 2$	48.84		
			$(4.23-3.77) \times (93.97+94.06) / 2$	43.25		
M-37	F1		$(-18.59-27.04) \times (97.80+102.62) / 2$	846.77	0.64	
695.04			$(-16.59-18.59) \times (97.80+97.80) / 2$	195.60		
			$(-7.84-16.59) \times (92.80+97.80) / 2$	833.88		
			$(-6.53-7.84) \times (92.80+92.80) / 2$	121.57		
			$(-7.75-6.53) \times (93.10+93.10) / 2$	-113.58		
			$(-16.50-7.75) \times (98.10+93.10) / 2$	-836.50		
			$(-18.50-16.50) \times (98.10+98.10) / 2$	-196.20		
			$(-26.42-18.50) \times (102.62+98.10) / 2$	-794.85		
			$(-27.04-26.42) \times (102.62+102.62) / 2$	-63.62		
M-37	F2		$(24.84-27.50) \times (102.38+103.90) / 2$	-274.35	6.93	
695.04			$(22.84-24.84) \times (102.38+102.38) / 2$	-204.76		
			$(14.09-22.84) \times (97.38+102.38) / 2$	-873.95		
			$(12.09-14.09) \times (97.38+97.38) / 2$	-194.76		
			$(3.34-12.09) \times (92.38+97.38) / 2$	-830.20		
			$(2.02-3.34) \times (92.38+92.38) / 2$	-121.94		
			$(3.25-2.02) \times (92.68+92.68) / 2$	114.00		
			$(12.00-3.25) \times (97.68+92.68) / 2$	832.83		
			$(14.00-12.00) \times (97.68+97.68) / 2$	195.36		
			$(22.75-14.00) \times (102.68+97.68) / 2$	876.58		
			$(24.75-22.75) \times (102.68+102.68) / 2$	205.36		
			$(27.05-24.75) \times (104.00+102.68) / 2$	237.68		
			$(27.50-27.05) \times (103.90+104.00) / 2$	46.78		
M-38	F1		$(24.84-27.70) \times (101.41+103.04) / 2$	-292.36	8.63	
722.08			$(22.84-24.84) \times (101.41+101.41) / 2$	-202.82		
			$(14.09-22.84) \times (96.41+101.41) / 2$	-865.46		
			$(12.09-14.09) \times (96.41+96.41) / 2$	-192.82		
			$(3.34-12.09) \times (91.41+96.41) / 2$	-821.71		
			$(2.02-3.34) \times (91.41+91.41) / 2$	-120.66		
			$(3.25-2.02) \times (91.71+91.71) / 2$	112.80		
			$(12.00-3.25) \times (96.71+91.71) / 2$	824.34		
			$(14.00-12.00) \times (96.71+96.71) / 2$	193.42		
			$(22.75-14.00) \times (101.71+96.71) / 2$	868.09		
			$(24.75-22.75) \times (101.71+101.71) / 2$	203.42		
			$(27.24-24.75) \times (103.13+101.71) / 2$	255.03		
			$(27.70-27.24) \times (103.04+103.13) / 2$	47.42		
M-38	F2		$(-12.49-15.31) \times (94.48+94.48) / 2$	266.43	8.69	
				A RIPORTARE mq		
				266.43		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev	Data
F0	20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				266.43		
722.08			$(-7.84-12.49) \times (91.82+94.48) / 2$	433.15		
			$(-6.53-7.84) \times (91.82+91.82) / 2$	120.28		
			$(-7.75-6.53) \times (92.12+92.12) / 2$	-112.39		
			$(-12.40-7.75) \times (94.78+92.12) / 2$	-434.54		
			$(-15.31-12.40) \times (94.78+94.78) / 2$	-275.81		
					2.88	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
CALCOLO DELLE AREE Foglio n. 27						
GRADONATURA						
M-18	01		$(-14.27-14.41)x(88.81+88.91)/2$	12.44		
317.59			$(-13.39-14.27)x(88.64+88.81)/2$	78.08		
			$(-14.41-13.39)x(88.64+88.64)/2$	-90.41	0.11	
M-18	02		$(-11.51-11.84)x(89.64+88.64)/2$	29.42		
317.59			$(-11.84-11.51)x(88.64+88.64)/2$	-29.25	0.17	
M-18	03		$(-11.43-11.51)x(89.87+89.64)/2$	7.18		
317.59			$(-10.31-11.43)x(90.64+89.87)/2$	101.09		
			$(-11.51-10.31)x(89.64+89.64)/2$	-107.57	0.70	
M-18	04		$(-10.04-10.31)x(90.82+90.64)/2$	24.50		
317.59			$(-7.84-10.04)x(91.64+90.82)/2$	200.71		
			$(-10.31-7.84)x(90.64+90.64)/2$	-223.88	1.33	
M-18	05		$(-7.38-7.84)x(91.81+91.64)/2$	42.19		
317.59			$(-5.89-7.38)x(92.32+91.81)/2$	137.18		
			$(-5.48-5.89)x(92.64+92.32)/2$	37.92		
			$(-7.84-5.48)x(91.64+91.64)/2$	-216.27	1.02	
M-19	01		$(-11.68-13.30)x(89.80+89.76)/2$	145.44		
342.60			$(-9.35-11.68)x(90.53+89.80)/2$	210.08		
			$(-13.30-9.35)x(89.76+89.76)/2$	-354.55	0.97	
M-19	02		$(-8.47-9.35)x(90.81+90.53)/2$	79.79		
342.60			$(-6.60-8.47)x(91.53+90.81)/2$	170.49		
			$(-9.35-6.60)x(90.53+90.53)/2$	-248.96	1.32	
M-19	03		$(-5.84-6.60)x(91.83+91.53)/2$	69.68		
342.60			$(-5.12-5.84)x(92.53+91.83)/2$	66.37		
			$(-6.60-5.12)x(91.53+91.53)/2$	-135.46	0.59	
M-20	01		$(-7.23-7.95)x(93.30+93.62)/2$	67.29		
367.60			$(-6.14-7.23)x(92.92+93.30)/2$	101.49		
			$(-7.95-6.14)x(92.92+92.92)/2$	-168.19	0.59	
M-20	02		$(-5.88-6.14)x(92.83+92.92)/2$	24.15		
367.60			$(-4.97-5.88)x(91.92+92.83)/2$	84.06		
			$(-6.14-4.97)x(91.92+91.92)/2$	-107.55	0.66	
M-21	01		$(-7.64-7.73)x(94.85+94.93)/2$	8.54		
392.60			$(-6.68-7.64)x(93.93+94.85)/2$	90.61		
			$(-7.73-6.68)x(93.93+93.93)/2$	-98.63	0.52	
M-21	02		$(-6.60-6.68)x(93.85+93.93)/2$	7.51		
392.60			$(-6.23-6.60)x(93.59+93.85)/2$	34.68		
			$(-4.69-6.23)x(92.93+93.59)/2$	143.62		
			$(-6.68-4.69)x(92.93+92.93)/2$	-184.93	0.88	
M-21	03		$(-4.42-4.69)x(92.81+92.93)/2$	25.07		
392.60			$(-3.79-4.42)x(92.59+92.81)/2$	58.40		
			$(-4.69-3.79)x(92.59+92.59)/2$	-83.33	0.14	
A RIPORTARE mq						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq						
M-22	O1		$(-9.35-9.53) \times (92.96+92.79) / 2$	16.72		
417.94			$(-8.62-9.35) \times (92.79+92.96) / 2$	67.80		
			$(-9.53-8.62) \times (92.79+92.79) / 2$	-84.44		
					0.08	
M-22	O2		$(-4.87-7.60) \times (91.81+92.79) / 2$	251.98		
417.94			$(-4.81-4.87) \times (91.79+91.81) / 2$	5.51		
			$(-7.60-4.81) \times (91.79+91.79) / 2$	-256.09		
					1.40	
M-22	O3		$(-3.65-4.81) \times (91.33+91.79) / 2$	106.21		
417.94			$(-4.81-3.65) \times (91.33+91.33) / 2$	-105.94		
					0.27	
M-24	O1		$(-5.42-7.34) \times (89.71+89.28) / 2$	171.83		
462.73			$(-7.34-5.42) \times (89.28+89.28) / 2$	-171.42		
					0.41	
M-24	O2		$(-4.98-5.42) \times (89.81+89.71) / 2$	39.49		
462.73			$(-2.65-4.98) \times (90.41+89.81) / 2$	209.96		
			$(-2.31-2.65) \times (90.71+90.41) / 2$	30.79		
			$(-5.42-2.31) \times (89.71+89.71) / 2$	-279.00		
					1.24	
M-24	O3		$(-2.17-2.31) \times (90.84+90.71) / 2$	12.71		
462.73			$(-0.56-2.17) \times (91.71+90.84) / 2$	146.95		
			$(-2.31-0.56) \times (90.71+90.71) / 2$	-158.74		
					0.92	
M-26	O1		$(10.71-10.08) \times (92.81+93.25) / 2$	58.61		
511.81			$(10.97-10.71) \times (92.76+92.81) / 2$	24.12		
			$(12.54-10.97) \times (92.25+92.76) / 2$	145.23		
			$(10.08-12.54) \times (92.25+92.25) / 2$	-226.93		
					1.03	
M-26	O2		$(14.03-12.54) \times (91.76+92.25) / 2$	137.09		
511.81			$(12.54-14.03) \times (91.76+91.76) / 2$	-136.72		
					0.37	
M-26	O3		$(-5.39-5.70) \times (96.88+97.40) / 2$	30.11		
511.81			$(-4.96-5.39) \times (96.40+96.88) / 2$	41.56		
			$(-5.70-4.96) \times (96.40+96.40) / 2$	-71.34		
					0.33	
M-26	O4		$(-4.79-4.96) \times (96.21+96.40) / 2$	16.37		
511.81			$(-4.96-4.79) \times (96.21+96.21) / 2$	-16.36		
					0.01	
M-27	O1		$(1.00-0.36) \times (96.90+97.14) / 2$	62.09		
543.53			$(1.02-1.00) \times (96.88+96.90) / 2$	1.94		
			$(1.51-1.02) \times (96.14+96.88) / 2$	47.29		
			$(0.36-1.51) \times (96.14+96.14) / 2$	-110.56		
					0.76	
M-27	O2		$(1.69-1.51) \times (95.89+96.14) / 2$	17.28		
543.53			$(2.13-1.69) \times (95.14+95.89) / 2$	42.03		
			$(1.51-2.13) \times (95.14+95.14) / 2$	-58.99		
					0.32	
M-27	O3		$(2.31-2.13) \times (94.85+95.14) / 2$	17.10		
543.53			$(3.52-2.31) \times (94.14+94.85) / 2$	114.34		
			$(2.13-3.52) \times (94.14+94.14) / 2$	-130.85		
					0.59	
A RIPORTARE mq						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
				RIPORTO mq		
M-27		04	(3.70-3.52)x(94.04+94.14)/2	16.94		
543.53			(5.81-3.70)x(93.80+94.04)/2	198.17		
			(10.10-5.81)x(93.25+93.80)/2	401.22		
			(3.52-10.10)x(93.25+93.25)/2	-613.59		
					2.74	
M-32		01	(2.90-0.81)x(94.25+95.25)/2	198.03		
603.32			(0.81-2.90)x(94.25+94.25)/2	-196.98		
					1.05	
M-32		02	(4.47-2.90)x(93.49+94.25)/2	147.38		
603.32			(5.52-4.47)x(93.25+93.49)/2	98.04		
			(2.90-5.52)x(93.25+93.25)/2	-244.31		
					1.11	
M-32		03	(7.52-5.52)x(92.77+93.25)/2	186.02		
603.32			(5.52-7.52)x(92.77+92.77)/2	-185.54		
					0.48	
M-33		01	(-10.11-10.85)x(92.82+93.35)/2	68.88		
615.67			(-9.17-10.11)x(92.52+92.82)/2	87.11		
			(-10.85-9.17)x(92.35+92.35)/2	-155.15		
					0.84	
M-33		02	(-9.15-9.16)x(90.57+91.35)/2	0.91		
615.67			(-8.30-9.15)x(90.62+90.57)/2	77.01		
			(-8.25-8.30)x(90.35+90.62)/2	4.52		
			(-9.16-8.25)x(90.35+90.35)/2	-82.22		
					0.22	
M-33		03	(-8.18-8.25)x(89.94+90.35)/2	6.31		
615.67			(-7.89-8.18)x(89.35+89.94)/2	26.00		
			(-8.25-7.89)x(89.35+89.35)/2	-32.17		
					0.14	
M-33		04	(-7.67-7.89)x(88.91+89.35)/2	19.61		
615.67			(-7.38-7.67)x(88.35+88.91)/2	25.70		
			(-7.89-7.38)x(88.35+88.35)/2	-45.06		
					0.25	
M-33		05	(-7.12-7.38)x(87.84+88.35)/2	22.90		
615.67			(-5.67-7.12)x(87.35+87.84)/2	127.01		
			(-7.38-5.67)x(87.35+87.35)/2	-149.37		
					0.54	
M-33		06	(-4.02-5.67)x(86.80+87.35)/2	143.67		
615.67			(-3.14-4.02)x(86.80+86.80)/2	76.38		
			(-1.70-3.14)x(86.35+86.80)/2	124.67		
			(-5.67-1.70)x(86.35+86.35)/2	-342.81		
					1.91	
M-33		07	(0.03-1.70)x(85.81+86.35)/2	148.92		
615.67			(1.40-0.03)x(85.35+85.81)/2	117.24		
			(-1.70-1.40)x(85.35+85.35)/2	-264.58		
					1.58	
M-33		08	(3.00-1.40)x(84.82+85.35)/2	136.14		
615.67			(3.84-3.00)x(84.35+84.82)/2	71.05		
			(1.40-3.84)x(84.35+84.35)/2	-205.81		
					1.38	
M-33		09	(5.67-3.84)x(83.35+84.35)/2	153.45		
615.67			(3.84-5.67)x(83.35+83.35)/2	-152.53		
			A RIPORTARE mq	0.92		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				0.92		
M-33	D10		$(7.49-5.67) \times (82.35+83.35) / 2$	150.79	0.92	
615.67			$(5.67-7.49) \times (82.35+82.35) / 2$	-149.88	0.91	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE LUNGHEZZE		Foglio n. 31	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
M-17	a1	$^1((-7.00-5.70)^2+(93.69-93.69)^2)$	1.30		
292.59		$^1((-8.71-7.00)^2+(92.71-93.69)^2)$	1.97		
		$^1((-13.74-8.71)^2+(92.71-92.71)^2)$	5.03	8.30	
M-18	a3	$^1((-7.00-5.70)^2+(93.59-93.59)^2)$	1.30		
317.59		$^1((-14.57-7.00)^2+(89.27-93.59)^2)$	8.72		
M-18	a1	$^1((2.50-1.20)^2+(93.77-93.77)^2)$	1.30	10.02	
317.59		$^1((3.26-2.50)^2+(93.33-93.77)^2)$	0.88		
M-18	a2	$^1((3.93-3.26)^2+(93.33-93.33)^2)$	0.67	2.18	
				0.67	
M-19	a2	$^1((-7.00-5.70)^2+(93.91-93.91)^2)$	1.30		
342.60		$^1((-13.95-7.00)^2+(89.94-93.91)^2)$	8.00	9.30	
M-19	a1	$^1((2.50-1.20)^2+(94.09-94.09)^2)$	1.30		
				1.30	
M-20	a2	$^1((-7.00-5.70)^2+(94.65-94.65)^2)$	1.30		
367.60		$^1((-8.22-7.00)^2+(93.96-94.65)^2)$	1.40	2.70	
M-20	a1	$^1((2.50-1.20)^2+(94.82-94.82)^2)$	1.30	1.30	
M-21	a2	$^1((-7.00-5.70)^2+(95.78-95.78)^2)$	1.30		
392.60		$^1((-7.87-7.00)^2+(95.29-95.78)^2)$	1.00	2.30	
M-21	a1	$^1((2.50-1.20)^2+(95.95-95.95)^2)$	1.30	1.30	
M-22	a1	$^1((2.25-1.20)^2+(97.02-97.02)^2)$	1.05	1.05	
M-22	a2	$^1((-7.00-5.70)^2+(96.84-96.84)^2)$	1.30		
417.94		$^1((-11.33-7.00)^2+(94.37-96.84)^2)$	4.98	6.28	
M-23	a1	$^1((-7.00-5.70)^2+(97.64-97.64)^2)$	1.30	6.32	
443.97		$^1((-11.36-7.00)^2+(95.15-97.64)^2)$	5.02		
M-23	a2	$^1((2.25-1.20)^2+(97.82-97.82)^2)$	1.05	1.05	
M-24	a1	$^1((2.25-1.20)^2+(98.21-98.21)^2)$	1.05	1.05	
M-24	a2	$^1((-7.00-5.70)^2+(98.03-98.03)^2)$	1.30		
462.73		$^1((-15.75-7.00)^2+(93.03-98.03)^2)$	10.08		
		$^1((-17.75-15.75)^2+(93.03-93.03)^2)$	2.00		
		$^1((-20.05-17.75)^2+(91.72-93.03)^2)$	2.65	16.03	
M-25	a2	$^1((-7.00-5.70)^2+(98.28-98.28)^2)$	1.30		
487.30		$^1((-9.42-7.00)^2+(96.90-98.28)^2)$	2.79	4.09	
M-25	a1	$^1((2.25-1.20)^2+(98.50-98.50)^2)$	1.05	1.05	
M-26	a3	$^1((-7.00-5.70)^2+(98.30-98.30)^2)$	1.30		
511.81		$^1((-7.06-7.00)^2+(98.33-98.30)^2)$	0.07	1.37	
M-26	a1	$^1((2.50-1.20)^2+(98.52-98.52)^2)$	1.30		
A RIPORTARE ml			1.30		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE LUNGHEZZE		Foglio n. 32	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			1.30		
511.81		$^1((3.80-2.50)^2+(97.78-98.52)^2)$	1.50		
M-26	a2	$^1((11.25-10.20)^2+(93.52-94.12)^2)$	1.21	2.80	
511.81		$^1((13.25-11.25)^2+(93.52-93.52)^2)$	2.00		
		$^1((15.98-13.25)^2+(91.96-93.52)^2)$	3.14		
M-27	a1	$^1((2.50-10.92)^2+(98.15-93.34)^2)$	9.70	6.35	
543.53		$^1((1.20-2.50)^2+(98.15-98.15)^2)$	1.30		
M-32	a1	$^1((2.50-1.20)^2+(96.22-96.22)^2)$	1.30	11.00	
603.32		$^1((8.62-2.50)^2+(92.72-96.22)^2)$	7.05		
M-33	a2	$^1((-7.00-5.70)^2+(96.00-96.00)^2)$	1.30	8.35	
615.67		$^1((-11.01-7.00)^2+(93.71-96.00)^2)$	4.62		
M-33	a1	$^1((2.50-1.20)^2+(95.65-95.65)^2)$	1.30	5.92	
615.67		$^1((11.25-2.50)^2+(90.65-95.65)^2)$	10.08		
		$^1((13.25-11.25)^2+(90.65-90.65)^2)$	2.00		
		$^1((15.30-13.25)^2+(89.48-90.65)^2)$	2.36	15.74	
M-33c	a2	$^1((-7.00-5.70)^2+(95.58-95.58)^2)$	1.30		
627.81		$^1((-11.04-7.00)^2+(93.27-95.58)^2)$	4.65	5.95	
M-33c	a1	$^1((2.50-1.20)^2+(95.14-95.14)^2)$	1.30		
627.81		$^1((5.77-2.50)^2+(93.27-95.14)^2)$	3.77	5.07	
M-33d	a2	$^1((-7.00-5.70)^2+(95.58-95.58)^2)$	1.30		
627.82		$^1((-11.04-7.00)^2+(93.27-95.58)^2)$	4.65	5.95	
M-33d	a1	$^1((2.50-1.20)^2+(95.14-95.14)^2)$	1.30		
627.82		$^1((5.77-2.50)^2+(93.27-95.14)^2)$	3.77	5.07	
M-34	a2	$^1((-7.00-5.70)^2+(95.58-95.58)^2)$	1.30		
628.00		$^1((-11.04-7.00)^2+(93.27-95.58)^2)$	4.65	5.95	
M-34	a1	$^1((2.50-1.20)^2+(95.14-95.14)^2)$	1.30		
628.00		$^1((5.77-2.50)^2+(93.27-95.14)^2)$	3.77	5.07	
M-35	a2	$^1((-7.00-5.70)^2+(94.87-94.87)^2)$	1.30		
647.55		$^1((-11.10-7.00)^2+(92.53-94.87)^2)$	4.72	6.02	
M-35	a1	$^1((2.50-1.20)^2+(94.43-94.43)^2)$	1.30		
647.55		$^1((5.82-2.50)^2+(92.53-94.43)^2)$	3.83	5.13	
M-35b	a2	$^1((-7.00-5.70)^2+(94.87-94.87)^2)$	1.30		
647.82		$^1((-11.10-7.00)^2+(92.53-94.87)^2)$	4.72	6.02	
M-35b	a1	$^1((2.50-1.20)^2+(94.43-94.43)^2)$	1.30		
647.82		$^1((5.82-2.50)^2+(92.53-94.43)^2)$	3.83	5.13	
M-35t	a2	$^1((-7.00-5.70)^2+(94.87-94.87)^2)$	1.30		
A RIPORTARE ml			1.30		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml				1.30		
647.83			$\sqrt{(-11.10-7.00)^2+(92.53-94.87)^2}$	4.72	6.02	
M-35t	al		$\sqrt{(2.50-1.20)^2+(94.43-94.43)^2}$	1.30		
647.83			$\sqrt{(5.82-2.50)^2+(92.53-94.43)^2}$	3.83	5.13	
M-39	al		$\sqrt{(2.50-1.20)^2+(90.52-90.52)^2}$	1.30		
757.48			$\sqrt{(11.25-2.50)^2+(85.52-90.52)^2}$	10.08		
			$\sqrt{(13.25-11.25)^2+(85.52-85.52)^2}$	2.00		
			$\sqrt{(14.04-13.25)^2+(85.07-85.52)^2}$	0.91	14.29	
M-40	al		$\sqrt{(3.37-2.07)^2+(90.16-90.16)^2}$	1.30		
771.64			$\sqrt{(12.12-3.37)^2+(85.16-90.16)^2}$	10.08		
			$\sqrt{(14.12-12.12)^2+(85.16-85.16)^2}$	2.00		
			$\sqrt{(18.62-14.12)^2+(82.59-85.16)^2}$	5.18	18.56	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE LUNGHEZZE		Foglio n. 34	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
M-17	b1	$^1 ((11.67-10.44)^2+(93.69-93.69)^2)$	1.23		
292.59		$^1 ((11.80-11.67)^2+(93.77-93.69)^2)$	0.15		
M-27	b1	$^1 ((-7.75-6.53)^2+(97.92-97.92)^2)$	1.22	1.38	
543.53		$^1 ((-11.93-7.75)^2+(100.31-97.92)^2)$	4.82		
M-28	b2	$^1 ((-7.75-6.53)^2+(97.65-97.65)^2)$	1.22	6.04	
557.04		$^1 ((-13.72-7.75)^2+(101.05-97.65)^2)$	6.87		
M-28	b1	$^1 ((3.25-2.02)^2+(97.81-97.81)^2)$	1.23	8.09	
557.04		$^1 ((3.74-3.25)^2+(97.53-97.81)^2)$	0.56		
M-29	b2	$^1 ((-7.75-6.53)^2+(97.34-97.34)^2)$	1.22	1.79	
568.72		$^1 ((-16.50-7.75)^2+(102.34-97.34)^2)$	10.08		
		$^1 ((-18.50-16.50)^2+(102.34-102.34)^2)$	2.00		
		$^1 ((-20.50-18.50)^2+(103.48-102.34)^2)$	2.30	15.60	
M-29	b1	$^1 ((3.25-2.02)^2+(97.50-97.50)^2)$	1.23		
568.72		$^1 ((4.30-3.25)^2+(98.10-97.50)^2)$	1.21	2.44	
M-30	b2	$^1 ((-7.75-6.53)^2+(97.06-97.06)^2)$	1.22		
578.72		$^1 ((-16.50-7.75)^2+(102.06-97.06)^2)$	10.08		
		$^1 ((-18.50-16.50)^2+(102.06-102.06)^2)$	2.00		
		$^1 ((-27.25-18.50)^2+(107.06-102.06)^2)$	10.08		
		$^1 ((-29.25-27.25)^2+(107.06-107.06)^2)$	2.00		
		$^1 ((-38.00-29.25)^2+(112.06-107.06)^2)$	10.08		
		$^1 ((-40.00-38.00)^2+(112.06-112.06)^2)$	2.00		
		$^1 ((-44.38-40.00)^2+(114.56-112.06)^2)$	5.04	42.50	
M-30	b1	$^1 ((3.25-2.02)^2+(97.18-97.18)^2)$	1.23		
578.72		$^1 ((5.99-3.25)^2+(98.75-97.18)^2)$	3.16	4.39	
M-31	b2	$^1 ((-7.75-6.53)^2+(96.67-96.67)^2)$	1.22		
593.45		$^1 ((-16.50-7.75)^2+(101.67-96.67)^2)$	10.08		
		$^1 ((-18.50-16.50)^2+(101.67-101.67)^2)$	2.00		
		$^1 ((-27.25-18.50)^2+(106.67-101.67)^2)$	10.08		
		$^1 ((-29.25-27.25)^2+(106.67-106.67)^2)$	2.00		
		$^1 ((-31.35-29.25)^2+(107.87-106.67)^2)$	2.42	27.80	
M-31	b1	$^1 ((3.25-2.02)^2+(96.61-96.61)^2)$	1.23		
593.45		$^1 ((3.55-3.25)^2+(96.44-96.61)^2)$	0.34	1.57	
M-32	b1	$^1 ((-7.75-6.53)^2+(96.35-96.35)^2)$	1.22		
603.32		$^1 ((-16.50-7.75)^2+(101.35-96.35)^2)$	10.08		
		$^1 ((-18.50-16.50)^2+(101.35-101.35)^2)$	2.00		
		$^1 ((-23.03-18.50)^2+(103.94-101.35)^2)$	5.22	18.52	
M-36	b2	$^1 ((-7.75-6.53)^2+(94.18-94.18)^2)$	1.22		
664.98		$^1 ((-16.50-7.75)^2+(99.18-94.18)^2)$	10.08		
		$^1 ((-18.50-16.50)^2+(99.18-99.18)^2)$	2.00		
		$^1 ((-26.12-18.50)^2+(103.54-99.18)^2)$	8.78	22.08	
M-36	b1	$^1 ((3.25-2.02)^2+(93.77-93.77)^2)$	1.23		
A RIPORTARE ml			1.23		

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE LUNGHEZZE		Foglio n. 35	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			1.23		
664.98		$^1((3.77-3.25)^2+(94.06-93.77)^2)$	0.60		
M-37	b1	$^1((-7.75-6.53)^2+(93.10-93.10)^2)$	1.22	1.83	
695.04		$^1((-16.50-7.75)^2+(98.10-93.10)^2)$	10.08		
		$^1((-18.50-16.50)^2+(98.10-98.10)^2)$	2.00		
		$^1((-26.42-18.50)^2+(102.62-98.10)^2)$	9.12		
				22.42	
M-37	b2	$^1((3.25-2.02)^2+(92.68-92.68)^2)$	1.23		
695.04		$^1((12.00-3.25)^2+(97.68-92.68)^2)$	10.08		
		$^1((14.00-12.00)^2+(97.68-97.68)^2)$	2.00		
		$^1((22.75-14.00)^2+(102.68-97.68)^2)$	10.08		
		$^1((24.75-22.75)^2+(102.68-102.68)^2)$	2.00		
		$^1((27.05-24.75)^2+(104.00-102.68)^2)$	2.65		
				28.04	
M-38	b2	$^1((-7.75-6.53)^2+(92.12-92.12)^2)$	1.22		
722.08		$^1((-12.40-7.75)^2+(94.78-92.12)^2)$	5.36		
		$^1((-15.31-12.40)^2+(94.78-94.78)^2)$	2.91		
				9.49	
M-38	b1	$^1((3.25-2.02)^2+(91.71-91.71)^2)$	1.23		
722.08		$^1((12.00-3.25)^2+(96.71-91.71)^2)$	10.08		
		$^1((14.00-12.00)^2+(96.71-96.71)^2)$	2.00		
		$^1((22.75-14.00)^2+(101.71-96.71)^2)$	10.08		
		$^1((24.75-22.75)^2+(101.71-101.71)^2)$	2.00		
		$^1((27.24-24.75)^2+(103.13-101.71)^2)$	2.87		
				28.26	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE LUNGHEZZE		Foglio n. 36	
SCOTICO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
M-18	c1	$^1((-4.11-4.45)^2+(92.58-92.63)^2)$	0.34		
317.59		$^1((3.93-4.11)^2+(92.68-92.58)^2)$	8.04	8.38	
M-19	c1	$^1((-3.45-5.26)^2+(92.13-92.48)^2)$	1.84		
342.60		$^1((3.00-3.45)^2+(92.12-92.13)^2)$	6.45	8.29	
M-20	c1	$^1((-4.40-4.83)^2+(91.88-91.86)^2)$	0.43		
367.60		$^1((-4.02-4.40)^2+(91.80-91.88)^2)$	0.39		
		$^1((-2.76-4.02)^2+(91.83-91.80)^2)$	1.26		
		$^1((3.00-2.76)^2+(91.84-91.83)^2)$	5.76	7.84	
M-21	c1	$^1((-2.13-3.70)^2+(91.54-91.82)^2)$	1.59		
392.60		$^1((3.00-2.13)^2+(91.50-91.54)^2)$	5.13	6.72	
M-22	c1	$^1((-9.69-10.77)^2+(94.06-94.14)^2)$	1.08	1.08	
M-22	c2	$^1((-1.76-3.14)^2+(91.50-91.70)^2)$	1.39		
417.94		$^1((3.00-1.76)^2+(91.41-91.50)^2)$	4.76	6.15	
M-24	c1	$^1((-13.21-21.29)^2+(89.96-90.52)^2)$	8.10		
462.73		$^1((-12.65-13.21)^2+(89.80-89.96)^2)$	0.58		
		$^1((-11.76-12.65)^2+(89.54-89.80)^2)$	0.93		
		$^1((-7.38-11.76)^2+(89.27-89.54)^2)$	4.39	14.00	
M-24	c2	$^1((0.51-0.66)^2+(91.52-91.68)^2)$	1.18		
462.73		$^1((3.00-0.51)^2+(91.43-91.52)^2)$	2.49	3.67	
M-25	c1	$^1((-8.41-8.42)^2+(92.67-92.87)^2)$	0.20		
487.30		$^1((-1.28-8.41)^2+(92.45-92.67)^2)$	7.13		
		$^1((3.00-1.28)^2+(91.96-92.45)^2)$	4.31	11.64	
M-33	c1	$^1((13.56-7.62)^2+(82.30-82.31)^2)$	5.94	5.94	
M-39	c1	$^1((-2.27-6.28)^2+(82.82-82.07)^2)$	4.08		
757.48		$^1((0.26-2.27)^2+(83.47-82.82)^2)$	2.61		
		$^1((0.41-0.26)^2+(83.82-83.47)^2)$	0.38		
		$^1((2.08-0.41)^2+(83.91-83.82)^2)$	1.67		
		$^1((11.13-2.08)^2+(83.97-83.91)^2)$	9.05		
		$^1((13.66-11.13)^2+(84.74-83.97)^2)$	2.64	20.43	
M-40	c1	$^1((18.02-5.21)^2+(82.38-82.03)^2)$	23.23	23.23	
M-40b	c1	$^1((-3.28-4.00)^2+(80.80-80.66)^2)$	0.73		
782.79		$^1((0.50-3.28)^2+(81.80-80.80)^2)$	3.91		
		$^1((3.44-0.50)^2+(82.00-81.80)^2)$	2.95	7.59	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

CALCOLO DELLE LUNGHEZZE		Foglio n. 37	
SCOTICO SU GRADONATURA			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
M-18	e1	$^1((-14.27-14.41)^2+(88.81-88.91)^2)$	0.17
317.59		$^1((-11.94-14.27)^2+(88.35-88.81)^2)$	2.37
		$^1((-11.43-11.94)^2+(89.87-88.35)^2)$	1.60
		$^1((-10.04-11.43)^2+(90.82-89.87)^2)$	1.68
		$^1((-7.38-10.04)^2+(91.81-90.82)^2)$	2.84
		$^1((-5.89-7.38)^2+(92.32-91.81)^2)$	1.57
		$^1((-5.48-5.89)^2+(92.64-92.32)^2)$	0.52
			10.75
M-19	e1	$^1((-11.68-13.30)^2+(89.80-89.76)^2)$	1.62
342.60		$^1((-8.47-11.68)^2+(90.81-89.80)^2)$	3.37
		$^1((-5.84-8.47)^2+(91.83-90.81)^2)$	2.82
		$^1((-5.12-5.84)^2+(92.53-91.83)^2)$	1.00
			8.81
M-20	e1	$^1((-7.23-7.95)^2+(93.30-93.62)^2)$	0.79
367.60		$^1((-5.88-7.23)^2+(92.83-93.30)^2)$	1.43
		$^1((-4.97-5.88)^2+(91.92-92.83)^2)$	1.29
			3.51
M-21	e1	$^1((-7.64-7.73)^2+(94.85-94.93)^2)$	0.12
392.60		$^1((-6.60-7.64)^2+(93.85-94.85)^2)$	1.44
		$^1((-6.23-6.60)^2+(93.59-93.85)^2)$	0.45
		$^1((-4.42-6.23)^2+(92.81-93.59)^2)$	1.97
		$^1((-3.79-4.42)^2+(92.59-92.81)^2)$	0.67
			4.65
M-22	e1	$^1((-9.35-9.53)^2+(92.96-92.79)^2)$	0.25
417.94		$^1((-8.24-9.35)^2+(92.70-92.96)^2)$	1.14
		$^1((-7.61-8.24)^2+(92.79-92.70)^2)$	0.64
		$^1((-4.87-7.61)^2+(91.81-92.79)^2)$	2.91
		$^1((-3.65-4.87)^2+(91.33-91.81)^2)$	1.31
			6.25
M-24	e1	$^1((-4.98-7.34)^2+(89.81-89.28)^2)$	2.42
462.73		$^1((-2.65-4.98)^2+(90.41-89.81)^2)$	2.41
		$^1((-2.17-2.65)^2+(90.84-90.41)^2)$	0.64
		$^1((-0.56-2.17)^2+(91.71-90.84)^2)$	1.83
			7.30
M-26	e1	$^1((10.71-10.08)^2+(92.81-93.25)^2)$	0.77
511.81		$^1((10.97-10.71)^2+(92.76-92.81)^2)$	0.26
		$^1((14.18-10.97)^2+(91.71-92.76)^2)$	3.38
		$^1((15.99-14.18)^2+(91.76-91.71)^2)$	1.81
			6.22
M-26	e2	$^1((-5.39-5.70)^2+(96.88-97.40)^2)$	0.61
511.81		$^1((-4.79-5.39)^2+(96.21-96.88)^2)$	0.90
			1.51
M-27	e1	$^1((1.00-0.36)^2+(96.90-97.14)^2)$	0.68
543.53		$^1((1.02-1.00)^2+(96.88-96.90)^2)$	0.03
		$^1((1.69-1.02)^2+(95.89-96.88)^2)$	1.20
		$^1((2.31-1.69)^2+(94.85-95.89)^2)$	1.21
		$^1((3.70-2.31)^2+(94.04-94.85)^2)$	1.61
		$^1((5.81-3.70)^2+(93.80-94.04)^2)$	2.12
		$^1((10.10-5.81)^2+(93.25-93.80)^2)$	4.33
			11.18
M-32	e1	$^1((4.47-0.81)^2+(93.49-95.25)^2)$	4.06
603.32		$^1((7.52-4.47)^2+(92.77-93.49)^2)$	3.13
			7.19
A RIPORTARE ml			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml						
M-33	el		$(-10.11-10.85)^2+(92.82-93.35)^2$	0.91		
615.67			$(-9.17-10.11)^2+(92.52-92.82)^2$	0.99		
			$(-9.15-9.17)^2+(90.57-92.52)^2$	1.95		
			$(-8.30-9.15)^2+(90.62-90.57)^2$	0.85		
			$(-8.18-8.30)^2+(89.94-90.62)^2$	0.69		
			$(-7.67-8.18)^2+(88.91-89.94)^2$	1.15		
			$(-7.12-7.67)^2+(87.84-88.91)^2$	1.20		
			$(-4.02-7.12)^2+(86.80-87.84)^2$	3.27		
			$(-3.14-4.02)^2+(86.80-86.80)^2$	0.88		
			$(0.03-3.14)^2+(85.81-86.80)^2$	3.32		
			$(3.00-0.03)^2+(84.82-85.81)^2$	3.13		
			$(7.52-3.00)^2+(82.33-84.82)^2$	5.16		
					23.50	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 39						
BONIFICA RILEVATO						
M-18	f1		$^1((-4.11-4.45)^2+(92.58-92.63)^2)$	0.34		
317.59			$^1((3.93-4.11)^2+(92.68-92.58)^2)$	8.04	8.38	
M-19	f1		$^1((-3.45-5.26)^2+(92.13-92.48)^2)$	1.84		
342.60			$^1((3.00-3.45)^2+(92.12-92.13)^2)$	6.45	8.29	
M-20	f1		$^1((-4.40-4.83)^2+(91.88-91.86)^2)$	0.43		
367.60			$^1((-4.02-4.40)^2+(91.80-91.88)^2)$	0.39		
			$^1((-2.76-4.02)^2+(91.83-91.80)^2)$	1.26		
			$^1((3.00-2.76)^2+(91.84-91.83)^2)$	5.76	7.84	
M-21	f1		$^1((-2.13-3.70)^2+(91.54-91.82)^2)$	1.59		
392.60			$^1((3.00-2.13)^2+(91.50-91.54)^2)$	5.13	6.72	
M-22	f1		$^1((-9.69-10.77)^2+(94.06-94.14)^2)$	1.08	1.08	
M-22	f2		$^1((-1.76-3.14)^2+(91.50-91.70)^2)$	1.39		
417.94			$^1((3.00-1.76)^2+(91.41-91.50)^2)$	4.76	6.15	
M-24	f1		$^1((-13.21-21.29)^2+(89.96-90.52)^2)$	8.10		
462.73			$^1((-12.65-13.21)^2+(89.80-89.96)^2)$	0.58		
			$^1((-11.76-12.65)^2+(89.54-89.80)^2)$	0.93		
			$^1((-7.38-11.76)^2+(89.27-89.54)^2)$	4.39	14.00	
M-24	f2		$^1((0.51-0.66)^2+(91.52-91.68)^2)$	1.18		
462.73			$^1((3.00-0.51)^2+(91.43-91.52)^2)$	2.49	3.67	
M-25	f1		$^1((-8.41-8.42)^2+(92.67-92.87)^2)$	0.20		
487.30			$^1((-1.28-8.41)^2+(92.45-92.67)^2)$	7.13		
			$^1((3.00-1.28)^2+(91.96-92.45)^2)$	4.31	11.64	
M-33	f1		$^1((13.56-7.62)^2+(82.30-82.31)^2)$	5.94	5.94	
M-39	f1		$^1((-2.27-6.28)^2+(82.82-82.07)^2)$	4.08		
757.48			$^1((0.26-2.27)^2+(83.47-82.82)^2)$	2.61		
			$^1((0.41-0.26)^2+(83.82-83.47)^2)$	0.38		
			$^1((2.08-0.41)^2+(83.91-83.82)^2)$	1.67		
			$^1((11.13-2.08)^2+(83.97-83.91)^2)$	9.05		
			$^1((13.66-11.13)^2+(84.74-83.97)^2)$	2.64	20.43	
M-40	f1		$^1((18.02-5.21)^2+(82.38-82.03)^2)$	23.23	23.23	
M-40b	f1		$^1((-3.28-4.00)^2+(80.80-80.66)^2)$	0.73		
782.79			$^1((0.50-3.28)^2+(81.80-80.80)^2)$	3.91		
			$^1((3.44-0.50)^2+(82.00-81.80)^2)$	2.95	7.59	
Il Direttore dei Lavori L'Impresa						

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

CALCOLO DELLE LUNGHEZZE		Foglio n. 40	
USURA			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
M-17	g1	$^1((-5.50-5.60)^2+(93.55-93.54)^2)$	0.10
292.59		$^1((2.32-5.50)^2+(93.74-93.55)^2)$	7.82
		$^1((3.98-2.32)^2+(93.71-93.74)^2)$	1.66
		$^1((7.98-3.98)^2+(93.62-93.71)^2)$	4.00
		$^1((9.42-7.98)^2+(93.59-93.62)^2)$	1.44
			15.02
M-18	g1	$^1((-5.50-5.60)^2+(93.45-93.45)^2)$	0.10
317.59		$^1((1.00-5.50)^2+(93.61-93.45)^2)$	6.50
		$^1((1.10-1.00)^2+(93.61-93.61)^2)$	0.10
			6.70
M-19	g1	$^1((-5.50-5.60)^2+(93.77-93.77)^2)$	0.10
342.60		$^1((1.00-5.50)^2+(93.93-93.77)^2)$	6.50
		$^1((1.10-1.00)^2+(93.93-93.93)^2)$	0.10
			6.70
M-20	g1	$^1((-5.50-5.60)^2+(94.51-94.50)^2)$	0.10
367.60		$^1((1.00-5.50)^2+(94.67-94.51)^2)$	6.50
		$^1((1.10-1.00)^2+(94.67-94.67)^2)$	0.10
			6.70
M-21	g1	$^1((-5.50-5.60)^2+(95.64-95.63)^2)$	0.10
392.60		$^1((1.00-5.50)^2+(95.80-95.64)^2)$	6.50
		$^1((1.10-1.00)^2+(95.80-95.80)^2)$	0.10
			6.70
M-22	g1	$^1((-5.50-5.60)^2+(96.70-96.70)^2)$	0.10
417.94		$^1((1.00-5.50)^2+(96.86-96.70)^2)$	6.50
		$^1((1.10-1.00)^2+(96.86-96.86)^2)$	0.10
			6.70
M-23	g1	$^1((1.00-5.60)^2+(97.66-97.50)^2)$	6.60
			6.60
M-24	g1	$^1((-5.50-5.60)^2+(97.89-97.89)^2)$	0.10
462.73		$^1((1.00-5.50)^2+(98.06-97.89)^2)$	6.50
		$^1((1.10-1.00)^2+(98.06-98.06)^2)$	0.10
			6.70
M-25	g1	$^1((-5.50-5.60)^2+(98.14-98.13)^2)$	0.10
487.30		$^1((1.00-5.50)^2+(98.34-98.14)^2)$	6.50
		$^1((1.10-1.00)^2+(98.35-98.34)^2)$	0.10
			6.70
M-26	g1	$^1((-5.50-5.60)^2+(98.16-98.15)^2)$	0.10
511.81		$^1((1.00-5.50)^2+(98.36-98.16)^2)$	6.50
		$^1((1.10-1.00)^2+(98.37-98.36)^2)$	0.10
			6.70
M-27	g1	$^1((1.00-5.50)^2+(98.00-97.82)^2)$	6.50
543.53		$^1((1.10-1.00)^2+(98.00-98.00)^2)$	0.10
			6.60
M-28	g1	$^1((1.00-5.50)^2+(97.71-97.55)^2)$	6.50
			6.50
M-29	g1	$^1((1.00-5.50)^2+(97.40-97.24)^2)$	6.50
			6.50
M-30	g1	$^1((1.00-5.50)^2+(97.08-96.96)^2)$	6.50
			6.50
M-31	g1	$^1((1.00-5.50)^2+(96.51-96.57)^2)$	6.50
			6.50
M-32	g1	$^1((1.00-5.50)^2+(96.07-96.25)^2)$	6.50
603.32		$^1((1.10-1.00)^2+(96.07-96.07)^2)$	0.10
			6.60
		A RIPORTARE ml	6.60

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

CALCOLO DELLE LUNGHEZZE		Foglio n. 41	
USURA			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	6.60
M-33	g1	$^1((-5.50-5.60)^2+(95.84-95.84)^2)$	6.60
615.67		$^1((1.00-5.50)^2+(95.51-95.84)^2)$	0.10
		$^1((1.10-1.00)^2+(95.50-95.51)^2)$	6.51
			0.10
M-33c	g1	$^1((1.10-5.60)^2+(95.00-95.43)^2)$	6.71
			6.71
M-33d	g1	$^1((1.10-5.60)^2+(95.00-95.43)^2)$	6.71
			6.71
M-34	g1	$^1((1.10-5.60)^2+(95.00-95.43)^2)$	6.71
			6.71
M-35	g1	$^1((-5.50-5.60)^2+(94.71-94.72)^2)$	0.10
647.55		$^1((1.00-5.50)^2+(94.29-94.71)^2)$	6.51
		$^1((1.10-1.00)^2+(94.29-94.29)^2)$	0.10
			6.71
M-35b	g1	$^1((-5.50-5.60)^2+(94.71-94.72)^2)$	0.10
647.82		$^1((1.00-5.50)^2+(94.29-94.71)^2)$	6.51
		$^1((1.10-1.00)^2+(94.29-94.29)^2)$	0.10
			6.71
M-35t	g1	$^1((-5.50-5.60)^2+(94.71-94.72)^2)$	0.10
647.83		$^1((1.00-5.50)^2+(94.29-94.71)^2)$	6.51
		$^1((1.10-1.00)^2+(94.29-94.29)^2)$	0.10
			6.71
M-36	g1	$^1((1.00-5.50)^2+(93.67-94.08)^2)$	6.51
			6.51
M-37	g1	$^1((1.00-5.50)^2+(92.58-93.00)^2)$	6.51
			6.51
M-38	g1	$^1((1.00-5.50)^2+(91.61-92.02)^2)$	6.51
			6.51
M-39	g1	$^1((-5.01-6.28)^2+(90.77-90.71)^2)$	1.27
757.48		$^1((1.00-5.01)^2+(90.39-90.77)^2)$	6.02
		$^1((1.10-1.00)^2+(90.38-90.39)^2)$	0.10
			7.39
M-40	g1	$^1((-4.56-5.21)^2+(90.28-90.25)^2)$	0.65
771.64		$^1((1.07-4.56)^2+(90.05-90.28)^2)$	5.63
		$^1((2.07-1.07)^2+(90.01-90.05)^2)$	1.00
			7.28
M-40b	g1	$^1((0.00-4.00)^2+(89.85-89.91)^2)$	4.00
782.79		$^1((1.45-0.00)^2+(89.82-89.85)^2)$	1.45
			5.45
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 42						
BINDER						
M-17	h1		$^1((-5.50-5.70)^2+(93.50-93.49)^2)$	0.20		
292.59			$^1((2.32-5.50)^2+(93.69-93.50)^2)$	7.82		
			$^1((3.98-2.32)^2+(93.66-93.69)^2)$	1.66		
			$^1((7.98-3.98)^2+(93.57-93.66)^2)$	4.00		
			$^1((9.42-7.98)^2+(93.54-93.57)^2)$	1.44		
M-18	h1		$^1((-5.50-5.70)^2+(93.40-93.39)^2)$	0.20	15.12	
317.59			$^1((1.00-5.50)^2+(93.56-93.40)^2)$	6.50		
			$^1((1.20-1.00)^2+(93.57-93.56)^2)$	0.20		
M-19	h1		$^1((-5.50-5.70)^2+(93.72-93.71)^2)$	0.20	6.90	
342.60			$^1((1.00-5.50)^2+(93.88-93.72)^2)$	6.50		
			$^1((1.20-1.00)^2+(93.89-93.88)^2)$	0.20		
M-20	h1		$^1((-5.50-5.70)^2+(94.46-94.45)^2)$	0.20	6.90	
367.60			$^1((1.00-5.50)^2+(94.62-94.46)^2)$	6.50		
			$^1((1.20-1.00)^2+(94.62-94.62)^2)$	0.20		
M-21	h1		$^1((-5.50-5.70)^2+(95.59-95.58)^2)$	0.20	6.90	
392.60			$^1((1.00-5.50)^2+(95.75-95.59)^2)$	6.50		
			$^1((1.20-1.00)^2+(95.75-95.75)^2)$	0.20		
M-22	h1		$^1((-5.50-5.70)^2+(96.65-96.64)^2)$	0.20	6.90	
417.94			$^1((1.00-5.50)^2+(96.81-96.65)^2)$	6.50		
			$^1((1.20-1.00)^2+(96.82-96.81)^2)$	0.20		
M-23	h1		$^1((1.00-5.70)^2+(97.61-97.44)^2)$	6.70	6.70	
M-24	h1		$^1((-5.50-5.70)^2+(97.84-97.83)^2)$	0.20	6.90	
462.73			$^1((1.00-5.50)^2+(98.01-97.84)^2)$	6.50		
			$^1((1.20-1.00)^2+(98.01-98.01)^2)$	0.20		
M-25	h1		$^1((-5.50-5.70)^2+(98.09-98.08)^2)$	0.20	6.90	
487.30			$^1((1.00-5.50)^2+(98.29-98.09)^2)$	6.50		
			$^1((1.20-1.00)^2+(98.30-98.29)^2)$	0.20		
M-26	h1		$^1((-5.50-5.70)^2+(98.11-98.10)^2)$	0.20	6.90	
511.81			$^1((1.00-5.50)^2+(98.31-98.11)^2)$	6.50		
			$^1((1.20-1.00)^2+(98.32-98.31)^2)$	0.20		
M-27	h1		$^1((1.00-5.50)^2+(97.95-97.77)^2)$	6.50	6.70	
543.53			$^1((1.20-1.00)^2+(97.95-97.95)^2)$	0.20		
M-28	h1		$^1((1.00-5.50)^2+(97.66-97.50)^2)$	6.50	6.50	
M-29	h1		$^1((1.00-5.50)^2+(97.35-97.19)^2)$	6.50	6.50	
M-30	h1		$^1((1.00-5.50)^2+(97.03-96.91)^2)$	6.50	6.50	
M-31	h1		$^1((1.00-5.50)^2+(96.46-96.52)^2)$	6.50	6.50	
M-32	h1		$^1((1.00-5.50)^2+(96.02-96.20)^2)$	6.50		
603.32			$^1((1.20-1.00)^2+(96.02-96.02)^2)$	0.20		
A RIPORTARE ml				6.70		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

		CALCOLO DELLE LUNGHEZZE		Foglio n. 43	
BINDER					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			6.70		
M-33	h1	$^1((-5.50-5.70)^2+(95.79-95.80)^2)$	0.20	6.70	
615.67		$^1((1.00-5.50)^2+(95.46-95.79)^2)$	6.51		
		$^1((1.20-1.00)^2+(95.45-95.46)^2)$	0.20		
M-33c	h1	$^1((1.20-5.70)^2+(94.94-95.38)^2)$	6.91	6.91	
M-33d	h1	$^1((1.20-5.70)^2+(94.94-95.38)^2)$	6.91	6.91	
M-34	h1	$^1((1.20-5.70)^2+(94.94-95.38)^2)$	6.91	6.91	
M-35	h1	$^1((-5.50-5.70)^2+(94.66-94.67)^2)$	0.20		
647.55		$^1((1.00-5.50)^2+(94.24-94.66)^2)$	6.51		
		$^1((1.20-1.00)^2+(94.23-94.24)^2)$	0.20		
M-35b	h1	$^1((-5.50-5.70)^2+(94.66-94.67)^2)$	0.20	6.91	
647.82		$^1((1.00-5.50)^2+(94.24-94.66)^2)$	6.51		
		$^1((1.20-1.00)^2+(94.23-94.24)^2)$	0.20		
M-35t	h1	$^1((-5.50-5.70)^2+(94.66-94.67)^2)$	0.20		
647.83		$^1((1.00-5.50)^2+(94.24-94.66)^2)$	6.51		
		$^1((1.20-1.00)^2+(94.23-94.24)^2)$	0.20		
M-36	h1	$^1((1.00-5.50)^2+(93.62-94.03)^2)$	6.51	6.51	
M-37	h1	$^1((1.00-5.50)^2+(92.53-92.95)^2)$	6.51	6.51	
M-38	h1	$^1((1.00-5.50)^2+(91.56-91.97)^2)$	6.51	6.51	
M-39	h1	$^1((-5.01-6.28)^2+(90.72-90.66)^2)$	1.27		
757.48		$^1((1.00-5.01)^2+(90.34-90.72)^2)$	6.02		
		$^1((1.20-1.00)^2+(90.32-90.34)^2)$	0.20		
M-40	h1	$^1((-4.56-5.21)^2+(90.23-90.20)^2)$	0.65	7.49	
771.64		$^1((1.07-4.56)^2+(90.00-90.23)^2)$	5.63		
		$^1((2.12-1.07)^2+(89.95-90.00)^2)$	1.05		
M-40b	h1	$^1((0.00-4.00)^2+(89.80-89.86)^2)$	4.00	7.33	
782.79		$^1((1.45-0.00)^2+(89.77-89.80)^2)$	1.45		
				5.45	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 44						
BASE						
M-17	i1		$^1((-5.50-5.96)^2+(93.35-93.33)^2)$	0.46		
292.59			$^1((2.32-5.50)^2+(93.54-93.35)^2)$	7.82		
			$^1((3.98-2.32)^2+(93.51-93.54)^2)$	1.66		
			$^1((7.98-3.98)^2+(93.42-93.51)^2)$	4.00		
			$^1((9.42-7.98)^2+(93.39-93.42)^2)$	1.44		
					15.38	
M-18	i1		$^1((-5.50-5.96)^2+(93.25-93.24)^2)$	0.46		
317.59			$^1((1.00-5.50)^2+(93.41-93.25)^2)$	6.50		
			$^1((1.44-1.00)^2+(93.42-93.41)^2)$	0.44		
					7.40	
M-19	i1		$^1((-5.50-5.96)^2+(93.57-93.56)^2)$	0.46		
342.60			$^1((1.00-5.50)^2+(93.73-93.57)^2)$	6.50		
			$^1((1.44-1.00)^2+(93.74-93.73)^2)$	0.44		
					7.40	
M-20	i1		$^1((-5.50-5.96)^2+(94.31-94.29)^2)$	0.46		
367.60			$^1((1.00-5.50)^2+(94.47-94.31)^2)$	6.50		
			$^1((1.44-1.00)^2+(94.48-94.47)^2)$	0.44		
					7.40	
M-21	i1		$^1((-5.50-5.96)^2+(95.44-95.43)^2)$	0.46		
392.60			$^1((1.00-5.50)^2+(95.60-95.44)^2)$	6.50		
			$^1((1.44-1.00)^2+(95.61-95.60)^2)$	0.44		
					7.40	
M-22	i1		$^1((-5.50-5.96)^2+(96.50-96.49)^2)$	0.46		
417.94			$^1((1.00-5.50)^2+(96.66-96.50)^2)$	6.50		
			$^1((1.44-1.00)^2+(96.67-96.66)^2)$	0.44		
					7.40	
M-23	i1		$^1((-5.50-5.96)^2+(97.30-97.28)^2)$	0.46		
443.97			$^1((1.44-5.50)^2+(97.48-97.30)^2)$	6.94		
					7.40	
M-24	i1		$^1((-5.50-5.96)^2+(97.69-97.67)^2)$	0.46		
462.73			$^1((1.00-5.50)^2+(97.86-97.69)^2)$	6.50		
			$^1((1.44-1.00)^2+(97.87-97.86)^2)$	0.44		
					7.40	
M-25	i1		$^1((-5.50-5.96)^2+(97.94-97.92)^2)$	0.46		
487.30			$^1((1.00-5.50)^2+(98.14-97.94)^2)$	6.50		
			$^1((1.44-1.00)^2+(98.16-98.14)^2)$	0.44		
					7.40	
M-26	i1		$^1((-5.50-5.96)^2+(97.96-97.94)^2)$	0.46		
511.81			$^1((1.00-5.50)^2+(98.16-97.96)^2)$	6.50		
			$^1((1.44-1.00)^2+(98.18-98.16)^2)$	0.44		
					7.40	
M-27	i1		$^1((1.00-5.50)^2+(97.80-97.62)^2)$	6.50		
543.53			$^1((1.44-1.00)^2+(97.81-97.80)^2)$	0.44		
					6.94	
M-28	i1		$^1((1.00-5.50)^2+(97.51-97.35)^2)$	6.50		
					6.50	
M-29	i1		$^1((1.00-5.50)^2+(97.20-97.04)^2)$	6.50		
					6.50	
M-30	i1		$^1((1.00-5.50)^2+(96.88-96.76)^2)$	6.50		
					6.50	
M-31	i1		$^1((1.00-5.50)^2+(96.31-96.37)^2)$	6.50		
					6.50	
M-32	i1		$^1((1.00-5.50)^2+(95.87-96.05)^2)$	6.50		
					6.50	
			A RIPORTARE ml	6.50		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

CALCOLO DELLE LUNGHEZZE		Foglio n. 45	
BASE			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	6.50
603.32		$^1((1.46-1.00)^2+(95.86-95.87)^2)$	0.46
M-33	i1	$^1((-5.50-5.94)^2+(95.64-95.66)^2)$	0.44
615.67		$^1((1.00-5.50)^2+(95.31-95.64)^2)$	6.51
		$^1((1.46-1.00)^2+(95.28-95.31)^2)$	0.46
M-33c	i1	$^1((1.47-5.93)^2+(94.77-95.25)^2)$	7.42
M-33d	i1	$^1((1.47-5.93)^2+(94.77-95.25)^2)$	7.42
M-34	i1	$^1((1.47-5.93)^2+(94.77-95.25)^2)$	7.42
M-35	i1	$^1((-5.50-5.93)^2+(94.51-94.54)^2)$	0.43
647.55		$^1((1.00-5.50)^2+(94.09-94.51)^2)$	6.51
		$^1((1.47-1.00)^2+(94.06-94.09)^2)$	0.47
M-35b	i1	$^1((-5.50-5.93)^2+(94.51-94.54)^2)$	0.43
647.82		$^1((1.00-5.50)^2+(94.09-94.51)^2)$	6.51
		$^1((1.47-1.00)^2+(94.06-94.09)^2)$	0.47
M-35t	i1	$^1((-5.50-5.93)^2+(94.51-94.54)^2)$	0.43
647.83		$^1((1.00-5.50)^2+(94.09-94.51)^2)$	6.51
		$^1((1.47-1.00)^2+(94.06-94.09)^2)$	0.47
M-36	i1	$^1((1.00-5.50)^2+(93.47-93.88)^2)$	6.51
M-37	i1	$^1((1.00-5.50)^2+(92.38-92.80)^2)$	6.51
M-38	i1	$^1((1.00-5.50)^2+(91.41-91.82)^2)$	6.51
M-39	i1	$^1((-5.01-6.28)^2+(90.57-90.51)^2)$	1.27
757.48		$^1((1.00-5.01)^2+(90.19-90.57)^2)$	6.02
		$^1((1.47-1.00)^2+(90.15-90.19)^2)$	0.47
M-40	i1	$^1((-4.56-5.21)^2+(90.08-90.05)^2)$	0.65
771.64		$^1((1.07-4.56)^2+(89.85-90.08)^2)$	5.63
		$^1((2.33-1.07)^2+(89.79-89.85)^2)$	1.26
M-40b	i1	$^1((1.52-4.00)^2+(89.62-89.71)^2)$	5.52
782.79		$^1((1.71-1.52)^2+(89.62-89.62)^2)$	0.19
			5.71
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 46						
FONDAZIONE						
M-17	ml		$^1((-5.50-6.42)^2+(92.90-92.87)^2)$	0.92		
292.59			$^1((2.32-5.50)^2+(93.09-92.90)^2)$	7.82		
			$^1((3.98-2.32)^2+(93.06-93.09)^2)$	1.66		
			$^1((7.98-3.98)^2+(92.97-93.06)^2)$	4.00		
			$^1((9.42-7.98)^2+(92.94-92.97)^2)$	1.44		
M-18	ml		$^1((-5.50-6.42)^2+(92.80-92.78)^2)$	0.92	15.84	
317.59			$^1((1.00-5.50)^2+(92.96-92.80)^2)$	6.50		
			$^1((1.88-1.00)^2+(92.98-92.96)^2)$	0.88		
M-19	ml		$^1((-5.50-6.42)^2+(93.12-93.10)^2)$	0.92	8.30	
342.60			$^1((1.00-5.50)^2+(93.28-93.12)^2)$	6.50		
			$^1((1.88-1.00)^2+(93.30-93.28)^2)$	0.88		
M-20	ml		$^1((-5.50-6.42)^2+(93.86-93.83)^2)$	0.92	8.30	
367.60			$^1((1.00-5.50)^2+(94.02-93.86)^2)$	6.50		
			$^1((1.88-1.00)^2+(94.04-94.02)^2)$	0.88		
M-21	ml		$^1((-5.50-6.42)^2+(94.99-94.96)^2)$	0.92	8.30	
392.60			$^1((1.00-5.50)^2+(95.15-94.99)^2)$	6.50		
			$^1((1.88-1.00)^2+(95.17-95.15)^2)$	0.88		
M-22	ml		$^1((-5.50-6.42)^2+(96.05-96.03)^2)$	0.92	8.30	
417.94			$^1((1.00-5.50)^2+(96.21-96.05)^2)$	6.50		
			$^1((1.88-1.00)^2+(96.23-96.21)^2)$	0.88		
M-23	ml		$^1((-5.50-6.42)^2+(96.85-96.82)^2)$	0.92	8.30	
443.97			$^1((1.88-5.50)^2+(97.04-96.85)^2)$	7.38		
M-24	ml		$^1((-5.50-6.42)^2+(97.24-97.21)^2)$	0.92	8.30	
462.73			$^1((1.00-5.50)^2+(97.41-97.24)^2)$	6.50		
			$^1((1.88-1.00)^2+(97.44-97.41)^2)$	0.88		
M-25	ml		$^1((-5.50-6.42)^2+(97.49-97.46)^2)$	0.92	8.30	
487.30			$^1((1.00-5.50)^2+(97.69-97.49)^2)$	6.50		
			$^1((1.88-1.00)^2+(97.72-97.69)^2)$	0.88		
M-26	ml		$^1((-5.50-6.42)^2+(97.51-97.48)^2)$	0.92	8.30	
511.81			$^1((1.00-5.50)^2+(97.71-97.51)^2)$	6.50		
			$^1((1.88-1.00)^2+(97.74-97.71)^2)$	0.88		
M-27	ml		$^1((1.00-5.50)^2+(97.35-97.17)^2)$	6.50	7.38	
543.53			$^1((1.88-1.00)^2+(97.37-97.35)^2)$	0.88		
M-28	ml		$^1((1.00-5.50)^2+(97.06-96.90)^2)$	6.50	6.50	
M-29	ml		$^1((1.00-5.50)^2+(96.75-96.59)^2)$	6.50	6.50	
M-30	ml		$^1((1.00-5.50)^2+(96.43-96.31)^2)$	6.50	6.50	
M-31	ml		$^1((1.00-5.50)^2+(95.86-95.92)^2)$	6.50	6.50	
M-32	ml		$^1((1.00-5.50)^2+(95.42-95.60)^2)$	6.50	6.50	
A RIPORTARE ml				6.50		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

CALCOLO DELLE LUNGHEZZE		Foglio n. 47	
FONDAZIONE			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	
603.32		$^1((1.92-1.00)^2+(95.40-95.42)^2)$	0.92
M-33	ml	$^1((-5.50-6.37)^2+(95.19-95.23)^2)$	0.87
615.67		$^1((1.00-5.50)^2+(94.86-95.19)^2)$	6.51
		$^1((1.94-1.00)^2+(94.81-94.86)^2)$	0.94
M-33c	ml	$^1((1.95-6.36)^2+(94.29-94.82)^2)$	8.33
M-33d	ml	$^1((1.95-6.36)^2+(94.29-94.82)^2)$	8.33
M-34	ml	$^1((1.95-6.36)^2+(94.29-94.82)^2)$	8.33
M-35	ml	$^1((-5.50-6.36)^2+(94.06-94.11)^2)$	0.86
647.55		$^1((1.00-5.50)^2+(93.64-94.06)^2)$	6.51
		$^1((1.95-1.00)^2+(93.58-93.64)^2)$	0.95
M-35b	ml	$^1((-5.50-6.36)^2+(94.06-94.11)^2)$	0.86
647.82		$^1((1.00-5.50)^2+(93.64-94.06)^2)$	6.51
		$^1((1.95-1.00)^2+(93.58-93.64)^2)$	0.95
M-35t	ml	$^1((-5.50-6.36)^2+(94.06-94.11)^2)$	0.86
647.83		$^1((1.00-5.50)^2+(93.64-94.06)^2)$	6.51
		$^1((1.95-1.00)^2+(93.58-93.64)^2)$	0.95
M-36	ml	$^1((1.00-5.50)^2+(93.02-93.43)^2)$	6.51
M-37	ml	$^1((1.00-5.50)^2+(91.93-92.35)^2)$	6.51
M-38	ml	$^1((1.00-5.50)^2+(90.96-91.37)^2)$	6.51
M-39	ml	$^1((-5.01-6.28)^2+(90.12-90.06)^2)$	1.27
757.48		$^1((1.00-5.01)^2+(89.74-90.12)^2)$	6.02
		$^1((1.95-1.00)^2+(89.67-89.74)^2)$	0.95
M-40	ml	$^1((-4.56-5.21)^2+(89.63-89.60)^2)$	0.65
771.64		$^1((1.87-4.56)^2+(89.36-89.63)^2)$	6.44
		$^1((2.80-1.87)^2+(89.32-89.36)^2)$	0.93
M-40b	ml	$^1((2.19-4.00)^2+(89.16-89.26)^2)$	6.19

Il Direttore dei Lavori

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TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 48						
BONIFICA TRINCEA						
M-17	p1		$^1((-5.50-6.42)^2+(92.90-92.87)^2)$	0.92		
292.59			$^1((2.32-5.50)^2+(93.09-92.90)^2)$	7.82		
			$^1((3.98-2.32)^2+(93.06-93.09)^2)$	1.66		
			$^1((7.98-3.98)^2+(92.97-93.06)^2)$	4.00		
			$^1((9.42-7.98)^2+(92.94-92.97)^2)$	1.44		
M-26	p1		$^1((-5.53-6.42)^2+(97.51-97.48)^2)$	0.89	15.84	
M-27	p1		$^1((0.43-5.50)^2+(97.33-97.17)^2)$	5.93	0.89	
M-28	p1		$^1((1.00-5.50)^2+(97.06-96.90)^2)$	6.50	5.93	
M-29	p1		$^1((1.00-5.50)^2+(96.75-96.59)^2)$	6.50	6.50	
M-30	p1		$^1((1.00-5.50)^2+(96.43-96.31)^2)$	6.50	6.50	
M-31	p1		$^1((1.00-5.50)^2+(95.86-95.92)^2)$	6.50	6.50	
M-32	p1		$^1((0.90-5.50)^2+(95.43-95.60)^2)$	6.40	6.40	
M-36	p1		$^1((1.00-5.50)^2+(93.02-93.43)^2)$	6.51	6.51	
M-37	p1		$^1((1.00-5.50)^2+(91.93-92.35)^2)$	6.51	6.51	
M-38	p1		$^1((1.00-5.50)^2+(90.96-91.37)^2)$	6.51	6.51	
Il Direttore dei Lavori L'Impresa						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DEI VOLUMI										Foglio n.	49
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
M-16	M-17	M-17	C1	2.40	18.92	9.46	22.704				
								22.704			
M-17	M-18	M-17	C1	2.40	25.00	12.50	30.000				
292.59	317.59	M-18	C1	0.85	25.00	12.50	10.625				
		M-18	C2	3.02	25.00	12.50	37.750				
								78.375			
M-18	M-19	M-18	C1	0.85	25.01	12.51	10.634				
317.59	342.60	M-18	C2	3.02	25.01	12.51	37.780				
		M-19	C1	0.37	25.01	12.51	4.629				
		M-19	C2	2.68	25.01	12.51	33.527				
								86.570			
M-19	M-20	M-19	C1	0.37	25.00	12.50	4.625				
342.60	367.60	M-19	C2	2.68	25.00	12.50	33.500				
		M-20	C1	0.30	25.00	12.50	3.750				
		M-20	C2	0.74	25.00	12.50	9.250				
								51.125			
M-20	M-21	M-20	C1	0.30	25.00	12.50	3.750				
367.60	392.60	M-20	C2	0.74	25.00	12.50	9.250				
		M-21	C1	0.30	25.00	12.50	3.750				
		M-21	C2	0.63	25.00	12.50	7.875				
								24.625			
M-21	M-22	M-21	C1	0.30	25.34	12.67	3.801				
392.60	417.94	M-21	C2	0.63	25.34	12.67	7.982				
		M-22	C1	0.30	25.34	12.67	3.801				
		M-22	C2	1.78	25.34	12.67	22.553				
								38.137			
M-22	M-23	M-22	C1	0.30	26.03	13.02	3.906				
417.94	443.97	M-22	C2	1.78	26.03	13.02	23.176				
		M-23	C1	0.20	26.03	13.02	2.604				
		M-23	C2	1.79	26.03	13.02	23.306				
		M-23	C3	0.20	26.03	13.02	2.604				
								55.596			
M-23	M-24	M-23	C1	0.20	18.76	9.38	1.876				
443.97	462.73	M-23	C2	1.79	18.76	9.38	16.790				
		M-23	C3	0.20	18.76	9.38	1.876				
		M-24	C1	4.85	18.76	9.38	45.493				
		M-24	C2	0.30	18.76	9.38	2.814				
								68.849			
M-24	M-25	M-24	C1	4.85	24.57	12.28	59.558				
462.73	487.30	M-24	C2	0.30	24.57	12.28	3.684				
		M-25	C1	1.11	24.57	12.28	13.631				
		M-25	C2	0.30	24.57	12.28	3.684				
								80.557			
M-25	M-26	M-25	C1	1.11	24.51	12.25	13.598				
487.30	511.81	M-25	C2	0.30	24.51	12.25	3.675				
		M-26	C1	0.14	24.51	12.25	1.715				
		M-26	C2	0.72	24.51	12.25	8.820				
		M-26	C3	1.82	24.51	12.25	22.295				
								50.103			
M-26	M-27	M-26	C1	0.14	31.72	15.86	2.220				
511.81	543.53	M-26	C2	0.72	31.72	15.86	11.419				
		M-26	C3	1.82	31.72	15.86	28.865				
		M-27	C1	3.22	31.72	15.86	51.069				
							A RIPORTARE mc	93.573	556.641		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DEI VOLUMI										Foglio n.	50
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
							A RIPORTARE mc	93.573	556.641		
M-27	M-28	M-27	C1	3.22	13.51	6.75	21.735	93.573			
543.53	557.04	M-28	C1	0.14	13.51	6.75	0.945	22.680			
M-28	M-29	M-28	C1	0.14	11.68	5.84	0.818	0.818			
M-30	M-31	M-31	C1	0.15	14.73	7.37	1.105	1.105			
M-31	M-32	M-31	C1	0.15	9.87	4.94	0.741	12.301			
593.45	603.32	M-32	C1	2.34	9.87	4.94	11.560	12.301			
M-32	M-33	M-32	C1	2.34	12.35	6.17	14.438	54.419			
603.32	615.67	M-33	C1	4.73	12.35	6.17	29.184	54.419			
M-33	M-33c	M-33	C1	4.73	12.14	6.07	28.711	58.091			
615.67	627.81	M-33	C2	1.75	12.14	6.07	10.623	58.091			
M-33c	M-33c	M-33c	C1	1.41	12.14	6.07	8.559	58.091			
627.81	627.82	M-33c	C2	1.68	12.14	6.07	10.198	58.091			
M-33c	M-33d	M-33c	C1	1.41	0.01	0.01	0.014	0.062			
627.81	627.82	M-33c	C2	1.68	0.01	0.01	0.017	0.062			
M-33d	M-34	M-33d	C1	1.41	0.18	0.09	0.127	0.556			
627.82	628.00	M-33d	C2	1.68	0.18	0.09	0.151	0.556			
M-34	M-35	M-34	C1	1.41	19.55	9.77	13.776	60.868			
628.00	647.55	M-34	C2	1.68	19.55	9.77	16.414	60.868			
M-35	M-35b	M-35	C1	1.43	19.55	9.77	13.971	60.868			
647.55	647.82	M-35	C2	1.71	19.55	9.77	16.707	60.868			
M-35b	M-35b	M-35b	C1	1.43	0.27	0.14	0.200	0.878			
647.55	647.82	M-35b	C2	1.71	0.27	0.14	0.239	0.878			
M-35b	M-35t	M-35b	C1	1.43	0.01	0.00	0.000	0.878			
647.55	647.82	M-35b	C2	1.71	0.01	0.00	0.000	0.878			
M-35t	M-35t	M-35t	C1	1.43	0.01	0.00	0.000	0.878			
647.55	647.82	M-35t	C2	1.71	0.01	0.00	0.000	0.878			
M-35t	M-36	M-35t	C1	1.43	17.15	8.57	12.255	26.910			
647.83	664.98	M-35t	C2	1.71	17.15	8.57	14.655	26.910			
M-38	M-39	M-39	C1	4.26	35.40	17.70	75.402	75.402			
M-39	M-40	M-39	C1	4.26	14.16	7.08	30.161	75.402			
757.48	771.64	M-40	C1	5.53	14.16	7.08	39.152	75.402			
							A RIPORTARE mc	69.313	964.304		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DEI VOLUMI										Foglio n. 51	
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
A RIPORTARE mc							69.313	964.304			
M-40	M-40b	M-40	C1	5.53	11.15	5.57	30.802	69.313			
								30.802			
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				1064.419			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DEI VOLUMI										Foglio n.	52
VEGETALE IN TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
M-16	M-17	M-17	F1	0.53	18.92	9.46	5.014		5.014		
M-17	M-18	M-17	F1	0.53	25.00	12.50	6.625		6.625		
M-25	M-26	M-26	F1	0.31	24.51	12.25	3.797		3.797		
M-26	M-27	M-26	F1	0.31	31.72	15.86	4.917				
511.81	543.53	M-27	F1	1.95	31.72	15.86	30.927		35.844		
M-27	M-28	M-27	F1	1.95	13.51	6.75	13.163				
543.53	557.04	M-28	F2	2.56	13.51	6.75	17.280				
		M-28	F1	0.30	13.51	6.75	2.025				
M-28	M-29	M-28	F2	2.56	11.68	5.84	14.950				
557.04	568.72	M-28	F1	0.30	11.68	5.84	1.752				
		M-29	F2	4.86	11.68	5.84	28.382				
		M-29	F1	0.82	11.68	5.84	4.789				
M-29	M-30	M-29	F2	4.86	10.00	5.00	24.300				
568.72	578.72	M-29	F1	0.82	10.00	5.00	4.100				
		M-30	F2	13.03	10.00	5.00	65.150				
		M-30	F1	1.37	10.00	5.00	6.850				
M-30	M-31	M-30	F2	13.03	14.73	7.37	96.031		100.400		
578.72	593.45	M-30	F1	1.37	14.73	7.37	10.097				
		M-31	F1	8.63	14.73	7.37	63.603				
		M-31	F2	0.26	14.73	7.37	1.916				
M-31	M-32	M-31	F1	8.63	9.87	4.94	42.632				
593.45	603.32	M-31	F2	0.26	9.87	4.94	1.284				
		M-32	F1	5.76	9.87	4.94	28.454				
M-32	M-33	M-32	F1	5.76	12.35	6.17	35.539		72.370		
M-35t	M-36	M-36	F2	6.91	17.15	8.57	59.219				
647.83	664.98	M-36	F1	0.64	17.15	8.57	5.485				
M-36	M-37	M-36	F2	6.91	30.06	15.03	103.857				
664.98	695.04	M-36	F1	0.64	30.06	15.03	9.619				
		M-37	F1	6.93	30.06	15.03	104.158				
		M-37	F2	8.63	30.06	15.03	129.709				
M-37	M-38	M-37	F1	6.93	27.04	13.52	93.694		347.343		
695.04	722.08	M-37	F2	8.63	27.04	13.52	116.678				
		M-38	F1	8.69	27.04	13.52	117.489				
		M-38	F2	2.88	27.04	13.52	38.938				
M-38	M-39	M-38	F1	8.69	35.40	17.70	153.813		366.799		
722.08	757.48	M-38	F2	2.88	35.40	17.70	50.976				
									204.789		
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	1497.212

TABULATI MOVIMENTI MATERIA
Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DEI VOLUMI											Foglio n. 53	
GRADONATURA												
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc				
M-17	M-18	M-18	01	0.11	25.00	12.50	1.375					
292.59	317.59	M-18	02	0.17	25.00	12.50	2.125					
		M-18	03	0.70	25.00	12.50	8.750					
		M-18	04	1.33	25.00	12.50	16.625					
		M-18	05	1.02	25.00	12.50	12.750					
										41.625		
M-18	M-19	M-18	01	0.11	25.01	12.51	1.376					
317.59	342.60	M-18	02	0.17	25.01	12.51	2.127					
		M-18	03	0.70	25.01	12.51	8.757					
		M-18	04	1.33	25.01	12.51	16.638					
		M-18	05	1.02	25.01	12.51	12.760					
		M-19	01	0.97	25.01	12.51	12.135					
		M-19	02	1.32	25.01	12.51	16.513					
		M-19	03	0.59	25.01	12.51	7.381					
										77.687		
M-19	M-20	M-19	01	0.97	25.00	12.50	12.125					
342.60	367.60	M-19	02	1.32	25.00	12.50	16.500					
		M-19	03	0.59	25.00	12.50	7.375					
		M-20	01	0.59	25.00	12.50	7.375					
		M-20	02	0.66	25.00	12.50	8.250					
										51.625		
M-20	M-21	M-20	01	0.59	25.00	12.50	7.375					
367.60	392.60	M-20	02	0.66	25.00	12.50	8.250					
		M-21	01	0.52	25.00	12.50	6.500					
		M-21	02	0.88	25.00	12.50	11.000					
		M-21	03	0.14	25.00	12.50	1.750					
										34.875		
M-21	M-22	M-21	01	0.52	25.34	12.67	6.588					
392.60	417.94	M-21	02	0.88	25.34	12.67	11.150					
		M-21	03	0.14	25.34	12.67	1.774					
		M-22	01	0.08	25.34	12.67	1.014					
		M-22	02	1.40	25.34	12.67	17.738					
		M-22	03	0.27	25.34	12.67	3.421					
										41.685		
M-22	M-23	M-22	01	0.08	26.03	13.02	1.042					
417.94	443.97	M-22	02	1.40	26.03	13.02	18.228					
		M-22	03	0.27	26.03	13.02	3.515					
										22.785		
M-23	M-24	M-24	01	0.41	18.76	9.38	3.846					
443.97	462.73	M-24	02	1.24	18.76	9.38	11.631					
		M-24	03	0.92	18.76	9.38	8.630					
										24.107		
M-24	M-25	M-24	01	0.41	24.57	12.28	5.035					
462.73	487.30	M-24	02	1.24	24.57	12.28	15.227					
		M-24	03	0.92	24.57	12.28	11.298					
										31.560		
M-25	M-26	M-26	01	1.03	24.51	12.25	12.618					
487.30	511.81	M-26	02	0.37	24.51	12.25	4.532					
		M-26	03	0.33	24.51	12.25	4.043					
		M-26	04	0.01	24.51	12.25	0.123					
										21.316		
M-26	M-27	M-26	01	1.03	31.72	15.86	16.336					
511.81	543.53	M-26	02	0.37	31.72	15.86	5.868					
										A RIPORTARE mc		
							22.204			347.265		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DEI VOLUMI										Foglio n. 54	
GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
A RIPORTARE mc							22.204	347.265			
		M-26	03	0.33	31.72	15.86	5.234				
		M-26	04	0.01	31.72	15.86	0.159				
		M-27	01	0.76	31.72	15.86	12.054				
		M-27	02	0.32	31.72	15.86	5.075				
		M-27	03	0.59	31.72	15.86	9.357				
		M-27	04	2.74	31.72	15.86	43.456				
									97.539		
M-27	M-28	M-27	01	0.76	13.51	6.75	5.130				
543.53	557.04	M-27	02	0.32	13.51	6.75	2.160				
		M-27	03	0.59	13.51	6.75	3.982				
		M-27	04	2.74	13.51	6.75	18.495				
									29.767		
M-31	M-32	M-32	01	1.05	9.87	4.94	5.187				
593.45	603.32	M-32	02	1.11	9.87	4.94	5.483				
		M-32	03	0.48	9.87	4.94	2.371				
									13.041		
M-32	M-33	M-32	01	1.05	12.35	6.17	6.479				
603.32	615.67	M-32	02	1.11	12.35	6.17	6.849				
		M-32	03	0.48	12.35	6.17	2.962				
		M-33	01	0.84	12.35	6.17	5.183				
		M-33	02	0.22	12.35	6.17	1.357				
		M-33	03	0.14	12.35	6.17	0.864				
		M-33	04	0.25	12.35	6.17	1.543				
		M-33	05	0.54	12.35	6.17	3.332				
		M-33	06	1.91	12.35	6.17	11.785				
		M-33	07	1.58	12.35	6.17	9.749				
		M-33	08	1.38	12.35	6.17	8.515				
		M-33	09	0.92	12.35	6.17	5.676				
		M-33	010	0.91	12.35	6.17	5.615				
									69.909		
M-33	M-33c	M-33	01	0.84	12.14	6.07	5.099				
615.67	627.81	M-33	02	0.22	12.14	6.07	1.335				
		M-33	03	0.14	12.14	6.07	0.850				
		M-33	04	0.25	12.14	6.07	1.518				
		M-33	05	0.54	12.14	6.07	3.278				
		M-33	06	1.91	12.14	6.07	11.594				
		M-33	07	1.58	12.14	6.07	9.591				
		M-33	08	1.38	12.14	6.07	8.377				
		M-33	09	0.92	12.14	6.07	5.584				
		M-33	010	0.91	12.14	6.07	5.524				
									52.750		
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				610.271			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A M

COMPUTO DI SUPERFICI										Foglio n.	55
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
M-16	M-17	M-17	a1	8.30	18.92	9.46	78.52				
								78.52			
M-17	M-18	M-17	a1	8.30	25.00	12.50	103.75				
292.59	317.59	M-18	a3	10.02	25.00	12.50	125.25				
		M-18	a1	2.18	25.00	12.50	27.25				
		M-18	a2	0.67	25.00	12.50	8.38				
								264.63			
M-18	M-19	M-18	a3	10.02	25.01	12.51	125.35				
317.59	342.60	M-18	a1	2.18	25.01	12.51	27.27				
		M-18	a2	0.67	25.01	12.51	8.38				
		M-19	a2	9.30	25.01	12.51	116.34				
		M-19	a1	1.30	25.01	12.51	16.26				
								293.60			
M-19	M-20	M-19	a2	9.30	25.00	12.50	116.25				
342.60	367.60	M-19	a1	1.30	25.00	12.50	16.25				
		M-20	a2	2.70	25.00	12.50	33.75				
		M-20	a1	1.30	25.00	12.50	16.25				
								182.50			
M-20	M-21	M-20	a2	2.70	25.00	12.50	33.75				
367.60	392.60	M-20	a1	1.30	25.00	12.50	16.25				
		M-21	a2	2.30	25.00	12.50	28.75				
		M-21	a1	1.30	25.00	12.50	16.25				
								95.00			
M-21	M-22	M-21	a2	2.30	25.34	12.67	29.14				
392.60	417.94	M-21	a1	1.30	25.34	12.67	16.47				
		M-22	a1	1.05	25.34	12.67	13.30				
		M-22	a2	6.28	25.34	12.67	79.57				
								138.48			
M-22	M-23	M-22	a1	1.05	26.03	13.02	13.67				
417.94	443.97	M-22	a2	6.28	26.03	13.02	81.77				
		M-23	a1	6.32	26.03	13.02	82.29				
		M-23	a2	1.05	26.03	13.02	13.67				
								191.40			
M-23	M-24	M-23	a1	6.32	18.76	9.38	59.28				
443.97	462.73	M-23	a2	1.05	18.76	9.38	9.85				
		M-24	a1	1.05	18.76	9.38	9.85				
		M-24	a2	16.03	18.76	9.38	150.36				
								229.34			
M-24	M-25	M-24	a1	1.05	24.57	12.28	12.89				
462.73	487.30	M-24	a2	16.03	24.57	12.28	196.85				
		M-25	a2	4.09	24.57	12.28	50.23				
		M-25	a1	1.05	24.57	12.28	12.89				
								272.86			
M-25	M-26	M-25	a2	4.09	24.51	12.25	50.10				
487.30	511.81	M-25	a1	1.05	24.51	12.25	12.86				
		M-26	a3	1.37	24.51	12.25	16.78				
		M-26	a1	2.80	24.51	12.25	34.30				
		M-26	a2	6.35	24.51	12.25	77.79				
								191.83			
M-26	M-27	M-26	a3	1.37	31.72	15.86	21.73				
511.81	543.53	M-26	a1	2.80	31.72	15.86	44.41				
		M-26	a2	6.35	31.72	15.86	100.71				
		M-27	a1	11.00	31.72	15.86	174.46				
							A RIPORTARE mq	341.31	2279.47		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n. 56	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq	341.31	2279.47		
M-27	M-28	M-27	a1	11.00	13.51	6.75	74.25	341.31			
M-31	M-32	M-32	a1	8.35	9.87	4.94	41.25	74.25			
M-32	M-33	M-32	a1	8.35	12.35	6.17	51.52	41.25			
603.32	615.67	M-33	a2	5.92	12.35	6.17	36.53	51.52			
		M-33	a1	15.74	12.35	6.17	97.12	36.53			
M-33	M-33c	M-33	a2	5.92	12.14	6.07	35.93	97.12			
615.67	627.81	M-33	a1	15.74	12.14	6.07	95.54	35.93			
		M-33c	a2	5.95	12.14	6.07	36.12	95.54			
		M-33c	a1	5.07	12.14	6.07	30.77	36.12			
M-33c	M-33d	M-33c	a2	5.95	0.01	0.01	0.06	30.77			
627.81	627.82	M-33c	a1	5.07	0.01	0.01	0.05	0.06			
		M-33d	a2	5.95	0.01	0.01	0.06	0.05			
		M-33d	a1	5.07	0.01	0.01	0.05	0.06			
M-33d	M-34	M-33d	a2	5.95	0.18	0.09	0.54	0.05			
627.82	628.00	M-33d	a1	5.07	0.18	0.09	0.46	0.54			
		M-34	a2	5.95	0.18	0.09	0.54	0.46			
		M-34	a1	5.07	0.18	0.09	0.46	0.54			
M-34	M-35	M-34	a2	5.95	19.55	9.77	58.13	0.46			
628.00	647.55	M-34	a1	5.07	19.55	9.77	49.53	58.13			
		M-35	a2	6.02	19.55	9.77	58.82	49.53			
		M-35	a1	5.13	19.55	9.77	50.12	58.82			
M-35	M-35b	M-35	a2	6.02	0.27	0.14	0.84	50.12			
647.55	647.82	M-35	a1	5.13	0.27	0.14	0.72	0.84			
		M-35b	a2	6.02	0.27	0.14	0.84	0.72			
		M-35b	a1	5.13	0.27	0.14	0.72	0.84			
M-35b	M-35t	M-35b	a2	6.02	0.01	0.00	0.00	0.72			
M-35b	M-35t	M-35b	a1	5.13	0.01	0.00	0.00	0.00			
M-35b	M-35t	M-35t	a2	6.02	0.01	0.00	0.00	0.00			
M-35b	M-35t	M-35t	a1	5.13	0.01	0.00	0.00	0.00			
M-35t	M-36	M-35t	a2	6.02	17.15	8.57	51.59	0.00			
647.83	664.98	M-35t	a1	5.13	17.15	8.57	43.96	51.59			
M-38	M-39	M-39	a1	14.29	35.40	17.70	252.93	43.96			
M-39	M-40	M-39	a1	14.29	14.16	7.08	101.17	252.93			
757.48	771.64	M-40	a1	18.56	14.16	7.08	131.40	101.17			
M-40	M-40b	M-40	a1	18.56	11.15	5.57	103.38	131.40			
								103.38			
Il Direttore dei Lavori							L'Impresa	TOTALE ARTICOLO	3684.87		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMP A M

COMPUTO DI SUPERFICI										Foglio n.	57
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
M-16	M-17	M-17	b1	1.38	18.92	9.46	13.05	13.05			
M-17	M-18	M-17	b1	1.38	25.00	12.50	17.25	17.25			
M-26	M-27	M-27	b1	6.04	31.72	15.86	95.79	95.79			
M-27	M-28	M-27	b1	6.04	13.51	6.75	40.77				
543.53	557.04	M-28	b2	8.09	13.51	6.75	54.61				
		M-28	b1	1.79	13.51	6.75	12.08				
M-28	M-29	M-28	b2	8.09	11.68	5.84	47.25				
557.04	568.72	M-28	b1	1.79	11.68	5.84	10.45				
		M-29	b2	15.60	11.68	5.84	91.10				
		M-29	b1	2.44	11.68	5.84	14.25				
M-29	M-30	M-29	b2	15.60	10.00	5.00	78.00				
568.72	578.72	M-29	b1	2.44	10.00	5.00	12.20				
		M-30	b2	42.50	10.00	5.00	212.50				
		M-30	b1	4.39	10.00	5.00	21.95				
M-30	M-31	M-30	b2	42.50	14.73	7.37	313.23				
578.72	593.45	M-30	b1	4.39	14.73	7.37	32.35				
		M-31	b2	27.80	14.73	7.37	204.89				
		M-31	b1	1.57	14.73	7.37	11.57				
M-31	M-32	M-31	b2	27.80	9.87	4.94	137.33				
593.45	603.32	M-31	b1	1.57	9.87	4.94	7.76				
		M-32	b1	18.52	9.87	4.94	91.49				
M-32	M-33	M-32	b1	18.52	12.35	6.17	114.27				
M-35t	M-36	M-36	b2	22.08	17.15	8.57	189.23				
647.83	664.98	M-36	b1	1.83	17.15	8.57	15.68				
M-36	M-37	M-36	b2	22.08	30.06	15.03	331.86				
664.98	695.04	M-36	b1	1.83	30.06	15.03	27.50				
		M-37	b1	22.42	30.06	15.03	336.97				
		M-37	b2	28.04	30.06	15.03	421.44				
M-37	M-38	M-37	b1	22.42	27.04	13.52	303.12				
695.04	722.08	M-37	b2	28.04	27.04	13.52	379.10				
		M-38	b2	9.49	27.04	13.52	128.30				
		M-38	b1	28.26	27.04	13.52	382.08				
M-38	M-39	M-38	b2	9.49	35.40	17.70	167.97				
722.08	757.48	M-38	b1	28.26	35.40	17.70	500.20				
								1192.60			
								668.17			
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				4817.59			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n. 58	
SCOTICO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
M-17	M-18	M-18	c1	8.38	25.00	12.50	104.75				
								104.75			
M-18	M-19	M-18	c1	8.38	25.01	12.51	104.83				
317.59	342.60	M-19	c1	8.29	25.01	12.51	103.71				
								208.54			
M-19	M-20	M-19	c1	8.29	25.00	12.50	103.62				
342.60	367.60	M-20	c1	7.84	25.00	12.50	98.00				
								201.62			
M-20	M-21	M-20	c1	7.84	25.00	12.50	98.00				
367.60	392.60	M-21	c1	6.72	25.00	12.50	84.00				
								182.00			
M-21	M-22	M-21	c1	6.72	25.34	12.67	85.14				
392.60	417.94	M-22	c1	1.08	25.34	12.67	13.68				
		M-22	c2	6.15	25.34	12.67	77.92				
								176.74			
M-22	M-23	M-22	c1	1.08	26.03	13.02	14.06				
417.94	443.97	M-22	c2	6.15	26.03	13.02	80.07				
								94.13			
M-23	M-24	M-24	c1	14.00	18.76	9.38	131.32				
443.97	462.73	M-24	c2	3.67	18.76	9.38	34.42				
								165.74			
M-24	M-25	M-24	c1	14.00	24.57	12.28	171.92				
462.73	487.30	M-24	c2	3.67	24.57	12.28	45.07				
		M-25	c1	11.64	24.57	12.28	142.94				
								359.93			
M-25	M-26	M-25	c1	11.64	24.51	12.25	142.59				
								142.59			
M-32	M-33	M-33	c1	5.94	12.35	6.17	36.65				
								36.65			
M-33	M-33c	M-33	c1	5.94	12.14	6.07	36.06				
								36.06			
M-38	M-39	M-39	c1	20.43	35.40	17.70	361.61				
								361.61			
M-39	M-40	M-39	c1	20.43	14.16	7.08	144.64				
757.48	771.64	M-40	c1	23.23	14.16	7.08	164.47				
								309.11			
M-40	M-40b	M-40	c1	23.23	11.15	5.57	129.39				
771.64	782.79	M-40b	c1	7.59	11.15	5.57	42.28				
								171.67			
M-40b	M-40t	M-40b	c1	7.59	0.01	0.00	0.00				
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				2551.14			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n.	59
SCOTICO SU GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
M-17	M-18	M-18	e1	10.75	25.00	12.50	134.38				
								134.38			
M-18	M-19	M-18	e1	10.75	25.01	12.51	134.48				
317.59	342.60	M-19	e1	8.81	25.01	12.51	110.21				
										244.69	
M-19	M-20	M-19	e1	8.81	25.00	12.50	110.13				
342.60	367.60	M-20	e1	3.51	25.00	12.50	43.88				
										154.01	
M-20	M-21	M-20	e1	3.51	25.00	12.50	43.88				
367.60	392.60	M-21	e1	4.65	25.00	12.50	58.13				
										102.01	
M-21	M-22	M-21	e1	4.65	25.34	12.67	58.92				
392.60	417.94	M-22	e1	6.25	25.34	12.67	79.19				
										138.11	
M-22	M-23	M-22	e1	6.25	26.03	13.02	81.38				
										81.38	
M-23	M-24	M-24	e1	7.30	18.76	9.38	68.47				
										68.47	
M-24	M-25	M-24	e1	7.30	24.57	12.28	89.64				
										89.64	
M-25	M-26	M-26	e1	6.22	24.51	12.25	76.19				
487.30	511.81	M-26	e2	1.51	24.51	12.25	18.50				
										94.69	
M-26	M-27	M-26	e1	6.22	31.72	15.86	98.65				
511.81	543.53	M-26	e2	1.51	31.72	15.86	23.95				
		M-27	e1	11.18	31.72	15.86	177.31				
										299.91	
M-27	M-28	M-27	e1	11.18	13.51	6.75	75.47				
										75.47	
M-31	M-32	M-32	e1	7.19	9.87	4.94	35.52				
										35.52	
M-32	M-33	M-32	e1	7.19	12.35	6.17	44.36				
603.32	615.67	M-33	e1	23.50	12.35	6.17	145.00				
										189.36	
M-33	M-33c	M-33	e1	23.50	12.14	6.07	142.65				
										142.65	
Il Direttore dei Lavori								L'Impresa		TOTALE ARTICOLO	
										1850.29	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n. 60	
BONIFICA RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
M-17	M-18	M-18	f1	8.38	25.00	12.50	104.75				
								104.75			
M-18	M-19	M-18	f1	8.38	25.01	12.51	104.83				
317.59	342.60	M-19	f1	8.29	25.01	12.51	103.71				
								208.54			
M-19	M-20	M-19	f1	8.29	25.00	12.50	103.62				
342.60	367.60	M-20	f1	7.84	25.00	12.50	98.00				
								201.62			
M-20	M-21	M-20	f1	7.84	25.00	12.50	98.00				
367.60	392.60	M-21	f1	6.72	25.00	12.50	84.00				
								182.00			
M-21	M-22	M-21	f1	6.72	25.34	12.67	85.14				
392.60	417.94	M-22	f1	1.08	25.34	12.67	13.68				
		M-22	f2	6.15	25.34	12.67	77.92				
								176.74			
M-22	M-23	M-22	f1	1.08	26.03	13.02	14.06				
417.94	443.97	M-22	f2	6.15	26.03	13.02	80.07				
								94.13			
M-23	M-24	M-24	f1	14.00	18.76	9.38	131.32				
443.97	462.73	M-24	f2	3.67	18.76	9.38	34.42				
								165.74			
M-24	M-25	M-24	f1	14.00	24.57	12.28	171.92				
462.73	487.30	M-24	f2	3.67	24.57	12.28	45.07				
		M-25	f1	11.64	24.57	12.28	142.94				
								359.93			
M-25	M-26	M-25	f1	11.64	24.51	12.25	142.59				
								142.59			
M-32	M-33	M-33	f1	5.94	12.35	6.17	36.65				
								36.65			
M-33	M-33c	M-33	f1	5.94	12.14	6.07	36.06				
								36.06			
M-38	M-39	M-39	f1	20.43	35.40	17.70	361.61				
								361.61			
M-39	M-40	M-39	f1	20.43	14.16	7.08	144.64				
757.48	771.64	M-40	f1	23.23	14.16	7.08	164.47				
								309.11			
M-40	M-40b	M-40	f1	23.23	11.15	5.57	129.39				
771.64	782.79	M-40b	f1	7.59	11.15	5.57	42.28				
								171.67			
M-40b	M-40t	M-40b	f1	7.59	0.01	0.00	0.00				
Il Direttore dei Lavori								L'Impresa			
								TOTALE ARTICOLO		2551.14	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n.	61
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
M-16	M-17	M-17	g1	15.02	18.92	9.46	142.09		142.09		
M-17	M-18	M-17	g1	15.02	25.00	12.50	187.75			187.75	
292.59	317.59	M-18	g1	6.70	25.00	12.50	83.75			83.75	
										271.50	
M-18	M-19	M-18	g1	6.70	25.01	12.51	83.82			83.82	
317.59	342.60	M-19	g1	6.70	25.01	12.51	83.82			83.82	
										167.64	
M-19	M-20	M-19	g1	6.70	25.00	12.50	83.75			83.75	
342.60	367.60	M-20	g1	6.70	25.00	12.50	83.75			83.75	
										167.50	
M-20	M-21	M-20	g1	6.70	25.00	12.50	83.75			83.75	
367.60	392.60	M-21	g1	6.70	25.00	12.50	83.75			83.75	
										167.50	
M-21	M-22	M-21	g1	6.70	25.34	12.67	84.89			84.89	
392.60	417.94	M-22	g1	6.70	25.34	12.67	84.89			84.89	
										169.78	
M-22	M-23	M-22	g1	6.70	26.03	13.02	87.23			87.23	
417.94	443.97	M-23	g1	6.60	26.03	13.02	85.93			85.93	
										173.16	
M-23	M-24	M-23	g1	6.60	18.76	9.38	61.91			61.91	
443.97	462.73	M-24	g1	6.70	18.76	9.38	62.85			62.85	
										124.76	
M-24	M-25	M-24	g1	6.70	24.57	12.28	82.28			82.28	
462.73	487.30	M-25	g1	6.70	24.57	12.28	82.28			82.28	
										164.56	
M-25	M-26	M-25	g1	6.70	24.51	12.25	82.08			82.08	
487.30	511.81	M-26	g1	6.70	24.51	12.25	82.08			82.08	
										164.16	
M-26	M-27	M-26	g1	6.70	31.72	15.86	106.26			106.26	
511.81	543.53	M-27	g1	6.60	31.72	15.86	104.68			104.68	
										210.94	
M-27	M-28	M-27	g1	6.60	13.51	6.75	44.55			44.55	
543.53	557.04	M-28	g1	6.50	13.51	6.75	43.88			43.88	
										88.43	
M-28	M-29	M-28	g1	6.50	11.68	5.84	37.96			37.96	
557.04	568.72	M-29	g1	6.50	11.68	5.84	37.96			37.96	
										75.92	
M-29	M-30	M-29	g1	6.50	10.00	5.00	32.50			32.50	
568.72	578.72	M-30	g1	6.50	10.00	5.00	32.50			32.50	
										65.00	
M-30	M-31	M-30	g1	6.50	14.73	7.37	47.91			47.91	
578.72	593.45	M-31	g1	6.50	14.73	7.37	47.91			47.91	
										95.82	
M-31	M-32	M-31	g1	6.50	9.87	4.94	32.11			32.11	
593.45	603.32	M-32	g1	6.60	9.87	4.94	32.60			32.60	
										64.71	
M-32	M-33	M-32	g1	6.60	12.35	6.17	40.72			40.72	
603.32	615.67	M-33	g1	6.71	12.35	6.17	41.40			41.40	
										82.12	
M-33	M-33c	M-33	g1	6.71	12.14	6.07	40.73			40.73	
615.67	627.81	M-33c	g1	6.71	12.14	6.07	40.73			40.73	
										81.46	
A RIPORTARE mq										2477.05	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n. 62	
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
										A RIPORTARE mq	
										2477.05	
M-33c 627.81	M-33d 627.82	M-33c M-33d	g1 g1	6.71	0.01	0.01	0.07				
M-33d 627.82	M-34 628.00	M-33d M-34	g1 g1	6.71	0.18	0.09	0.60		0.14		
M-34 628.00	M-35 647.55	M-34 M-35	g1 g1	6.71	19.55	9.77	65.56		1.20		
M-35 647.55	M-35b 647.82	M-35 M-35b	g1 g1	6.71	0.27	0.14	0.94		131.12		
M-35b 647.83	M-35t 664.98	M-35b M-35t	g1 g1	6.71	0.01	0.00	0.00		1.88		
M-35t 647.83	M-36 664.98	M-35t M-36	g1 g1	6.71	17.15	8.57	57.50				
M-36 664.98	M-37 695.04	M-36 M-37	g1 g1	6.51	17.15	8.57	55.79		113.29		
M-37 695.04	M-38 722.08	M-36 M-37	g1 g1	6.51	30.06	15.03	97.85				
M-38 722.08	M-39 757.48	M-37 M-38	g1 g1	6.51	30.06	15.03	97.85		195.70		
M-39 757.48	M-40 771.64	M-37 M-38	g1 g1	6.51	27.04	13.52	88.02				
M-40 771.64	M-40b 782.79	M-38 M-39	g1 g1	6.51	27.04	13.52	88.02		176.04		
M-40b 771.64	M-40t 782.79	M-38 M-39	g1 g1	6.51	35.40	17.70	115.23				
M-40t 771.64		M-39 M-40	g1 g1	7.39	35.40	17.70	130.80		246.03		
		M-39 M-40	g1 g1	7.39	14.16	7.08	52.32				
		M-40 M-40b	g1 g1	7.28	14.16	7.08	51.54		103.86		
		M-40b M-40t	g1 g1	5.45	11.15	5.57	40.55				
				5.45	11.15	5.57	30.36		70.91		
					0.01	0.00	0.00				
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	
										3517.22	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPÀ M

COMPUTO DI SUPERFICI										
										Foglio n. 63
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		
M-16	M-17	M-17	h1	15.12	18.92	9.46	143.04			143.04
M-17	M-18	M-17	h1	15.12	25.00	12.50	189.00			
292.59	317.59	M-18	h1	6.90	25.00	12.50	86.25			275.25
M-18	M-19	M-18	h1	6.90	25.01	12.51	86.32			
317.59	342.60	M-19	h1	6.90	25.01	12.51	86.32			172.64
M-19	M-20	M-19	h1	6.90	25.00	12.50	86.25			
342.60	367.60	M-20	h1	6.90	25.00	12.50	86.25			172.50
M-20	M-21	M-20	h1	6.90	25.00	12.50	86.25			
367.60	392.60	M-21	h1	6.90	25.00	12.50	86.25			172.50
M-21	M-22	M-21	h1	6.90	25.34	12.67	87.42			
392.60	417.94	M-22	h1	6.90	25.34	12.67	87.42			174.84
M-22	M-23	M-22	h1	6.90	26.03	13.02	89.84			
417.94	443.97	M-23	h1	6.70	26.03	13.02	87.23			177.07
M-23	M-24	M-23	h1	6.70	18.76	9.38	62.85			
443.97	462.73	M-24	h1	6.90	18.76	9.38	64.72			127.57
M-24	M-25	M-24	h1	6.90	24.57	12.28	84.73			
462.73	487.30	M-25	h1	6.90	24.57	12.28	84.73			169.46
M-25	M-26	M-25	h1	6.90	24.51	12.25	84.53			
487.30	511.81	M-26	h1	6.90	24.51	12.25	84.53			169.06
M-26	M-27	M-26	h1	6.90	31.72	15.86	109.43			
511.81	543.53	M-27	h1	6.70	31.72	15.86	106.26			215.69
M-27	M-28	M-27	h1	6.70	13.51	6.75	45.23			
543.53	557.04	M-28	h1	6.50	13.51	6.75	43.88			89.11
M-28	M-29	M-28	h1	6.50	11.68	5.84	37.96			
557.04	568.72	M-29	h1	6.50	11.68	5.84	37.96			75.92
M-29	M-30	M-29	h1	6.50	10.00	5.00	32.50			
568.72	578.72	M-30	h1	6.50	10.00	5.00	32.50			65.00
M-30	M-31	M-30	h1	6.50	14.73	7.37	47.91			
578.72	593.45	M-31	h1	6.50	14.73	7.37	47.91			95.82
M-31	M-32	M-31	h1	6.50	9.87	4.94	32.11			
593.45	603.32	M-32	h1	6.70	9.87	4.94	33.10			65.21
M-32	M-33	M-32	h1	6.70	12.35	6.17	41.34			
603.32	615.67	M-33	h1	6.91	12.35	6.17	42.63			83.97
M-33	M-33c	M-33	h1	6.91	12.14	6.07	41.94			
615.67	627.81	M-33c	h1	6.91	12.14	6.07	41.94			83.88
A RIPORTARE mq										2528.53

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n. 64	
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			
								A RIPORTARE mq	2528.53		
M-33c 627.81	M-33d 627.82	M-33c M-33d	h1 h1	6.91 6.91	0.01 0.01	0.01 0.01	0.07 0.07				
M-33d 627.82	M-34 628.00	M-33d M-34	h1 h1	6.91 6.91	0.18 0.18	0.09 0.09	0.62 0.62		0.14		
M-34 628.00	M-35 647.55	M-34 M-35	h1 h1	6.91 6.91	19.55 19.55	9.77 9.77	67.51 67.51		1.24		
M-35 647.55	M-35b 647.82	M-35 M-35b	h1 h1	6.91 6.91	0.27 0.27	0.14 0.14	0.97 0.97		135.02		
M-35b 647.83	M-35t 664.98	M-35b M-35t	h1 h1	6.91 6.91	0.01 0.01	0.00 0.00	0.00 0.00		1.94		
M-35t 647.83	M-36 664.98	M-35t M-36	h1 h1	6.91 6.51	17.15 17.15	8.57 8.57	59.22 55.79			115.01	
M-36 664.98	M-37 695.04	M-36 M-37	h1 h1	6.51 6.51	30.06 30.06	15.03 15.03	97.85 97.85			195.70	
M-37 695.04	M-38 722.08	M-37 M-38	h1 h1	6.51 6.51	27.04 27.04	13.52 13.52	88.02 88.02			176.04	
M-38 722.08	M-39 757.48	M-38 M-39	h1 h1	6.51 7.49	35.40 35.40	17.70 17.70	115.23 132.57			247.80	
M-39 757.48	M-40 771.64	M-39 M-40	h1 h1	7.49 7.33	14.16 14.16	7.08 7.08	53.03 51.90			104.93	
M-40 771.64	M-40b 782.79	M-40 M-40b	h1 h1	7.33 5.45	11.15 11.15	5.57 5.57	40.83 30.36			71.19	
M-40b 771.64	M-40t 782.79	M-40b M-40t	h1 h1	5.45 5.45	0.01 0.01	0.00 0.00	0.00 0.00				
Il Direttore dei Lavori								L'Impresa	TOTALE ARTICOLO		3577.54

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n.	65
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			
M-16	M-17	M-17	i1	15.38	18.92	9.46	145.49				
								145.49			
M-17	M-18	M-17	i1	15.38	25.00	12.50	192.25				
292.59	317.59	M-18	i1	7.40	25.00	12.50	92.50				
								284.75			
M-18	M-19	M-18	i1	7.40	25.01	12.51	92.57				
317.59	342.60	M-19	i1	7.40	25.01	12.51	92.57				
								185.14			
M-19	M-20	M-19	i1	7.40	25.00	12.50	92.50				
342.60	367.60	M-20	i1	7.40	25.00	12.50	92.50				
								185.00			
M-20	M-21	M-20	i1	7.40	25.00	12.50	92.50				
367.60	392.60	M-21	i1	7.40	25.00	12.50	92.50				
								185.00			
M-21	M-22	M-21	i1	7.40	25.34	12.67	93.76				
392.60	417.94	M-22	i1	7.40	25.34	12.67	93.76				
								187.52			
M-22	M-23	M-22	i1	7.40	26.03	13.02	96.35				
417.94	443.97	M-23	i1	7.40	26.03	13.02	96.35				
								192.70			
M-23	M-24	M-23	i1	7.40	18.76	9.38	69.41				
443.97	462.73	M-24	i1	7.40	18.76	9.38	69.41				
								138.82			
M-24	M-25	M-24	i1	7.40	24.57	12.28	90.87				
462.73	487.30	M-25	i1	7.40	24.57	12.28	90.87				
								181.74			
M-25	M-26	M-25	i1	7.40	24.51	12.25	90.65				
487.30	511.81	M-26	i1	7.40	24.51	12.25	90.65				
								181.30			
M-26	M-27	M-26	i1	7.40	31.72	15.86	117.36				
511.81	543.53	M-27	i1	6.94	31.72	15.86	110.07				
								227.43			
M-27	M-28	M-27	i1	6.94	13.51	6.75	46.85				
543.53	557.04	M-28	i1	6.50	13.51	6.75	43.88				
								90.73			
M-28	M-29	M-28	i1	6.50	11.68	5.84	37.96				
557.04	568.72	M-29	i1	6.50	11.68	5.84	37.96				
								75.92			
M-29	M-30	M-29	i1	6.50	10.00	5.00	32.50				
568.72	578.72	M-30	i1	6.50	10.00	5.00	32.50				
								65.00			
M-30	M-31	M-30	i1	6.50	14.73	7.37	47.91				
578.72	593.45	M-31	i1	6.50	14.73	7.37	47.91				
								95.82			
M-31	M-32	M-31	i1	6.50	9.87	4.94	32.11				
593.45	603.32	M-32	i1	6.96	9.87	4.94	34.38				
								66.49			
M-32	M-33	M-32	i1	6.96	12.35	6.17	42.94				
603.32	615.67	M-33	i1	7.41	12.35	6.17	45.72				
								88.66			
M-33	M-33c	M-33	i1	7.41	12.14	6.07	44.98				
615.67	627.81	M-33c	i1	7.42	12.14	6.07	45.04				
								90.02			
							A RIPORTARE mq		2667.53		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n. 66	
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			
										A RIPORTARE mq	
										2667.53	
M-33c 627.81	M-33d 627.82	M-33c M-33d	i1 i1	7.42	0.01	0.01	0.07				
M-33d 627.82	M-34 628.00	M-33d M-34	i1 i1	7.42	0.18	0.09	0.67		0.14		
M-34 628.00	M-35 647.55	M-34 M-35	i1 i1	7.42	19.55	9.77	72.49		1.34		
M-35 647.55	M-35b 647.82	M-35 M-35b	i1 i1	7.41	0.27	0.14	1.04		144.89		
M-35b 647.83	M-35t 664.98	M-35b M-35t	i1 i1	7.41	0.01	0.00	0.00		2.08		
M-35t 647.83	M-36 664.98	M-35t M-36	i1 i1	7.41	17.15	8.57	63.50				
M-36 664.98	M-37 695.04	M-36 M-37	i1 i1	6.51	17.15	8.57	55.79		119.29		
M-37 695.04	M-38 722.08	M-37 M-38	i1 i1	6.51	30.06	15.03	97.85		195.70		
M-38 722.08	M-39 757.48	M-38 M-39	i1 i1	6.51	27.04	13.52	88.02		176.04		
M-39 757.48	M-40 771.64	M-39 M-40	i1 i1	6.51	27.04	13.52	88.02				
M-40 771.64	M-40b 782.79	M-40 M-40b	i1 i1	7.76	35.40	17.70	115.23		252.58		
M-40b 771.64	M-40t 782.79	M-40b M-40t	i1 i1	7.76	35.40	17.70	137.35				
M-40t 771.64		M-40t	i1	7.54	14.16	7.08	54.94		108.32		
				7.54	14.16	7.08	53.38				
				5.71	11.15	5.57	42.00		73.80		
				5.71	11.15	5.57	31.80				
				5.71	0.01	0.00	0.00				
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	
										3741.71	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n.	67
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
M-16	M-17	M-17	ml	15.84	18.92	9.46	149.85				
								149.85			
M-17	M-18	M-17	ml	15.84	25.00	12.50	198.00				
292.59	317.59	M-18	ml	8.30	25.00	12.50	103.75				
								301.75			
M-18	M-19	M-18	ml	8.30	25.01	12.51	103.83				
317.59	342.60	M-19	ml	8.30	25.01	12.51	103.83				
								207.66			
M-19	M-20	M-19	ml	8.30	25.00	12.50	103.75				
342.60	367.60	M-20	ml	8.30	25.00	12.50	103.75				
								207.50			
M-20	M-21	M-20	ml	8.30	25.00	12.50	103.75				
367.60	392.60	M-21	ml	8.30	25.00	12.50	103.75				
								207.50			
M-21	M-22	M-21	ml	8.30	25.34	12.67	105.16				
392.60	417.94	M-22	ml	8.30	25.34	12.67	105.16				
								210.32			
M-22	M-23	M-22	ml	8.30	26.03	13.02	108.07				
417.94	443.97	M-23	ml	8.30	26.03	13.02	108.07				
								216.14			
M-23	M-24	M-23	ml	8.30	18.76	9.38	77.85				
443.97	462.73	M-24	ml	8.30	18.76	9.38	77.85				
								155.70			
M-24	M-25	M-24	ml	8.30	24.57	12.28	101.92				
462.73	487.30	M-25	ml	8.30	24.57	12.28	101.92				
								203.84			
M-25	M-26	M-25	ml	8.30	24.51	12.25	101.68				
487.30	511.81	M-26	ml	8.30	24.51	12.25	101.68				
								203.36			
M-26	M-27	M-26	ml	8.30	31.72	15.86	131.64				
511.81	543.53	M-27	ml	7.38	31.72	15.86	117.05				
								248.69			
M-27	M-28	M-27	ml	7.38	13.51	6.75	49.81				
543.53	557.04	M-28	ml	6.50	13.51	6.75	43.88				
								93.69			
M-28	M-29	M-28	ml	6.50	11.68	5.84	37.96				
557.04	568.72	M-29	ml	6.50	11.68	5.84	37.96				
								75.92			
M-29	M-30	M-29	ml	6.50	10.00	5.00	32.50				
568.72	578.72	M-30	ml	6.50	10.00	5.00	32.50				
								65.00			
M-30	M-31	M-30	ml	6.50	14.73	7.37	47.91				
578.72	593.45	M-31	ml	6.50	14.73	7.37	47.91				
								95.82			
M-31	M-32	M-31	ml	6.50	9.87	4.94	32.11				
593.45	603.32	M-32	ml	7.42	9.87	4.94	36.65				
								68.76			
M-32	M-33	M-32	ml	7.42	12.35	6.17	45.78				
603.32	615.67	M-33	ml	8.32	12.35	6.17	51.33				
								97.11			
M-33	M-33c	M-33	ml	8.32	12.14	6.07	50.50				
615.67	627.81	M-33c	ml	8.33	12.14	6.07	50.56				
								101.06			
							A RIPORTARE mq			2909.67	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n. 68	
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
								A RIPORTARE mq	2909.67		
M-33c 627.81	M-33d 627.82	M-33c M-33d	inl inl	8.33	0.01	0.01	0.08	0.08			
M-33d 627.82	M-34 628.00	M-33d M-34	inl inl	8.33	0.18	0.09	0.75	0.75	0.16		
M-34 628.00	M-35 647.55	M-34 M-35	inl inl	8.33	19.55	9.77	81.38	81.29	1.50		
M-35 647.55	M-35b 647.82	M-35 M-35b	inl inl	8.32	0.27	0.14	1.16	1.16	162.67		
M-35b 647.83	M-35t 664.98	M-35b M-35t	inl inl	8.32	0.01	0.00	0.00	0.00	2.32		
M-35t 647.83	M-36 664.98	M-35t M-36	inl inl	8.32	17.15	8.57	71.30	55.79	127.09		
M-36 664.98	M-37 695.04	M-36 M-37	inl inl	6.51	30.06	15.03	97.85	97.85	195.70		
M-37 695.04	M-38 722.08	M-37 M-38	inl inl	6.51	27.04	13.52	88.02	88.02	176.04		
M-38 722.08	M-39 757.48	M-38 M-39	inl inl	6.51	35.40	17.70	115.23	145.85	261.08		
M-39 757.48	M-40 771.64	M-39 M-40	inl inl	8.24	14.16	7.08	58.34	56.78	115.12		
M-40 771.64	M-40b 782.79	M-40 M-40b	inl inl	8.02	11.15	5.57	44.67	34.48	79.15		
M-40b 771.64	M-40t	M-40b	inl	6.19	0.01	0.00	0.00				
Il Direttore dei Lavori								L'Impresa		TOTALE ARTICOLO	
										4030.50	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DI SUPERFICI										Foglio n.	69
BONIFICA TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
M-16	M-17	M-17	o1	15.84	18.92	9.46	149.85				
								149.85			
M-17	M-18	M-17	o1	15.84	25.00	12.50	198.00				
								198.00			
M-25	M-26	M-26	o1	0.89	24.51	12.25	10.90				
								10.90			
M-26	M-27	M-26	o1	0.89	31.72	15.86	14.12				
511.81	543.53	M-27	o1	5.93	31.72	15.86	94.05				
								108.17			
M-27	M-28	M-27	o1	5.93	13.51	6.75	40.03				
543.53	557.04	M-28	o1	6.50	13.51	6.75	43.88				
								83.91			
M-28	M-29	M-28	o1	6.50	11.68	5.84	37.96				
557.04	568.72	M-29	o1	6.50	11.68	5.84	37.96				
								75.92			
M-29	M-30	M-29	o1	6.50	10.00	5.00	32.50				
568.72	578.72	M-30	o1	6.50	10.00	5.00	32.50				
								65.00			
M-30	M-31	M-30	o1	6.50	14.73	7.37	47.91				
578.72	593.45	M-31	o1	6.50	14.73	7.37	47.91				
								95.82			
M-31	M-32	M-31	o1	6.50	9.87	4.94	32.11				
593.45	603.32	M-32	o1	6.40	9.87	4.94	31.62				
								63.73			
M-32	M-33	M-32	o1	6.40	12.35	6.17	39.49				
								39.49			
M-35t	M-36	M-36	o1	6.51	17.15	8.57	55.79				
								55.79			
M-36	M-37	M-36	o1	6.51	30.06	15.03	97.85				
664.98	695.04	M-37	o1	6.51	30.06	15.03	97.85				
								195.70			
M-37	M-38	M-37	o1	6.51	27.04	13.52	88.02				
695.04	722.08	M-38	o1	6.51	27.04	13.52	88.02				
								176.04			
M-38	M-39	M-38	o1	6.51	35.40	17.70	115.23				
								115.23			
Il Direttore dei Lavori								L'Impresa	TOTALE ARTICOLO	1433.55	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DEI VOLUMI			Foglio n. 70
Volume dalla sezione M-1 alla sezione M-43			
ARTICOLO	VOLUME		
STERRO	mc	28867.097	
RIPORTO	mc	16346.322	
VEGETALE IN RILEVATO	mc	1064.419	
VEGETALE IN TRINCEA	mc	1497.212	
GRADONATURA	mc	610.271	
SEMINA	mq	3684.87	
SEMINA	mq	4817.59	
SCOTICO	mq	2551.14	
SCOTICO SU GRADONATURA	mq	1850.29	
BONIFICA RILEVATO	mq	2551.14	
USURA	mq	3517.22	
BINDER	mq	3577.54	
BASE	mq	3741.71	
FONDAZIONE	mq	4030.50	
BONIFICA TRINCEA	mq	1433.55	

Nota : I valori di sterro e riporto calcolati si riferiscono ad un pacchetto di pavimentazione da 70 cm. Di seguito si riporta la tabella con il calcolo dei movimenti materia riferiti al pacchetto di pavimentazione di spessore 57 cm.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Modifica valori movimenti materia

Di seguito si riporta il calcolo per la determinazione dei valori di sterro e riporto riferiti al pacchetto di pavimentazione da 57 cm.

RIF.	ARTICOLO	SUPERFICIE (m ²)	Δh Pavimentazione (m)	VOLUME (m ³)	NOTE
A	STERRO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	28867,097	
B	RIPORTO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	16346,322	
C	SUPERFICIE DI IMPOSTA CASSONETTO (Da computo sezioni trasversali)	4030,5	-	-	(1)
D	SUPERFICIE DI IMPOSTA CASSONETTO IN TRINCEA (Da computo sezioni trasversali)	1433,55	-	-	(2)
E	SUPERFICIE DI IMPOSTA CASSONETTO IN RILEVATO	2596,95	-	-	(3)
F	VARIAZIONE STERRO (Per pavimentazione spessore = 57 cm)	1433,55	0,13	186,36	(4)
G	VARIAZIONE RIPORTO (Per pavimentazione spessore = 57 cm)	2596,95	0,13	337,60	(5)
H	STERRO (Pavimentazione spessore = 57 cm)	-	-	28680,736	(6)
I	RIPORTO (Pavimentazione spessore = 57 cm)	-	-	16683,926	(7)

Nota 1 : Il valore (C) è coincidente con la superficie dell'articolo di computo "Fondazione" (vedi tabella riassuntiva pagina precedente)

Nota 2 : Il valore (D) è coincidente con la superficie dell'articolo di computo "Bonifica trincea" (vedi tabella riassuntiva pagina precedente)

Nota 3 : Il valore (E) è determinato dalla differenza fra la superfici C - D

Nota 4 : Il valore (F) è il volume calcolato dal prodotto tra la superficie "D" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 5 : Il valore (G) è il volume calcolato dal prodotto tra la superficie "E" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm



Nota 6 : Il valore (H) è il volume totale di sterro calcolato come A-H

Nota 7 : Il valore (I) è il volume totale di riporto calcolato come B+G

TABELLA RIEPILOGATIVA COMPUTI

COLLEGAMENTI VERSANTE CALABRIA - RAMPA M

COMPUTO DEI VOLUMI		Foglio n.	70
Volume dalla sezione M-1 alla sezione M-43			
ARTICOLO		VOLUME	
STERRO	mc	28680.736	
RIPORTO	mc	16683.926	
VEGETALE IN RILEVATO	mc	1064.419	
VEGETALE IN TRINCEA	mc	1497.212	
GRADONATURA	mc	610.271	
SEMINA	mq	3684.87	
SEMINA	mq	4817.59	
SCOTICO	mq	2551.14	
SCOTICO SU GRADONATURA	mq	1850.29	
BONIFICA RILEVATO	mq	2551.14	
USURA	mq	3517.22	
BINDER	mq	3577.54	
BASE	mq	3741.71	
FONDAZIONE	mq	4030.50	
BONIFICA TRINCEA	mq	1433.55	

		<p align="center">Ponte sullo Stretto di Messina PROGETTO DEFINITIVO</p>		
<p align="center">TABULATI MOVIMENTI MATERIA</p>	<p><i>Codice documento</i> CS0113_F0.doc</p>	<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>	

MOVIMENTI MATERIA RAMPA S

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

		CALCOLO DELLE AREE		Foglio n. 1	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
S-1	S1	$(-4.35-4.51) \times (76.25+76.25) / 2$	12.20		
2587.58		$(-4.32-4.35) \times (76.20+76.25) / 2$	2.29		
		$(-4.20-4.32) \times (75.98+76.20) / 2$	9.13		
		$(-4.04-4.20) \times (76.01+75.98) / 2$	12.16		
		$(-3.00-4.04) \times (76.15+76.01) / 2$	79.12		
		$(0.00-3.00) \times (76.23+76.15) / 2$	228.57		
		$(-3.01-0.00) \times (75.45+75.53) / 2$	-227.22		
		$(-4.04-3.01) \times (75.75+75.75) / 2$	-78.02		
		$(-4.51-4.04) \times (75.90+75.90) / 2$	-35.67		
S-2	S1	$(-5.25-5.76) \times (75.21+75.55) / 2$	38.44	2.56	
2612.58		$(-4.35-5.25) \times (75.21+75.21) / 2$	67.69		
		$(-4.20-4.35) \times (74.94+75.21) / 2$	11.26		
		$(-3.00-4.20) \times (75.11+74.94) / 2$	90.03		
		$(0.00-3.00) \times (75.19+75.11) / 2$	225.45		
		$(-4.25-0.00) \times (74.38+74.49) / 2$	-316.35		
		$(-5.28-4.25) \times (74.68+74.68) / 2$	-76.92		
		$(-5.76-5.28) \times (74.83+74.83) / 2$	-35.92		
S-3	S1	$(-5.25-7.01) \times (74.17+75.34) / 2$	131.57	3.68	
2637.58		$(-4.35-5.25) \times (74.17+74.17) / 2$	66.75		
		$(-4.20-4.35) \times (73.90+74.17) / 2$	11.11		
		$(-3.00-4.20) \times (74.07+73.90) / 2$	88.78		
		$(-0.00-3.00) \times (74.14+74.07) / 2$	222.31		
		$(-5.51-0.00) \times (73.31+73.44) / 2$	-404.30		
		$(-6.53-5.51) \times (73.61+73.61) / 2$	-75.08		
		$(-7.01-6.53) \times (73.76+73.76) / 2$	-35.40		
S-4	S1	$(-5.25-8.25) \times (73.13+75.13) / 2$	222.39	5.74	
2662.58		$(-4.35-5.25) \times (73.13+73.13) / 2$	65.82		
		$(-4.20-4.35) \times (72.86+73.13) / 2$	10.95		
		$(-3.00-4.20) \times (73.03+72.86) / 2$	87.53		
		$(0.00-3.00) \times (73.10+73.03) / 2$	219.19		
		$(-6.75-0.00) \times (72.23+72.40) / 2$	-488.13		
		$(-7.77-6.75) \times (72.53+72.53) / 2$	-73.98		
		$(-8.25-7.77) \times (72.68+72.68) / 2$	-34.89		
S-5	S1	$(-5.25-8.25) \times (72.09+74.09) / 2$	219.27	8.88	
2687.58		$(-4.35-5.25) \times (72.09+72.09) / 2$	64.88		
		$(-4.20-4.35) \times (71.82+72.09) / 2$	10.79		
		$(-3.00-4.20) \times (71.99+71.82) / 2$	86.29		
		$(-0.00-3.00) \times (72.06+71.99) / 2$	216.08		
		$(-6.75-0.00) \times (71.19+71.36) / 2$	-481.11		
		$(-7.77-6.75) \times (71.49+71.49) / 2$	-72.92		
		$(-8.25-7.77) \times (71.64+71.64) / 2$	-34.39		
S-6	S1	$(-5.25-8.25) \times (71.65+73.65) / 2$	217.95	8.89	
2698.13		$(-4.35-5.25) \times (71.65+71.65) / 2$	64.49		
		$(-4.20-4.35) \times (71.38+71.65) / 2$	10.73		
		$(-3.00-4.20) \times (71.55+71.38) / 2$	85.76		
		$(0.00-3.00) \times (71.62+71.55) / 2$	214.76		
		$(-6.75-0.00) \times (70.75+70.92) / 2$	-478.14		
		$(-7.77-6.75) \times (71.05+71.05) / 2$	-72.47		
A RIPORTARE mq			43.08		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				43.08		
			$(-8.25-7.77) \times (71.20+71.20) / 2$	-34.18		
S-7	S1		$(-5.29-8.25) \times (71.04+73.02) / 2$	213.21	8.90	
2712.57			$(-4.39-5.29) \times (71.05+71.04) / 2$	63.94		
			$(-4.24-4.39) \times (70.78+71.05) / 2$	10.64		
			$(-3.04-4.24) \times (70.94+70.78) / 2$	85.03		
			$(0.00-3.04) \times (71.02+70.94) / 2$	215.78		
			$(-6.75-0.00) \times (70.15+70.32) / 2$	-474.09		
			$(-7.77-6.75) \times (70.45+70.45) / 2$	-71.86		
			$(-8.25-7.77) \times (70.60+70.60) / 2$	-33.89		
S-8	S1		$(-7.86-8.25) \times (69.91+69.91) / 2$	27.26	8.76	
2737.49			$(-7.71-7.86) \times (69.64+69.91) / 2$	10.47		
			$(-6.51-7.71) \times (69.81+69.64) / 2$	83.67		
			$(0.00-6.51) \times (69.98+69.81) / 2$	455.02		
			$(-6.75-0.00) \times (69.11+69.28) / 2$	-467.07		
			$(-7.78-6.75) \times (69.41+69.41) / 2$	-71.49		
			$(-8.25-7.78) \times (69.56+69.56) / 2$	-32.69		
S-9	S1		$(-6.90-7.73) \times (68.57+68.57) / 2$	56.91	5.17	
2763.43			$(-6.75-6.90) \times (68.30+68.57) / 2$	10.27		
			$(-5.55-6.75) \times (68.47+68.30) / 2$	82.06		
			$(0.00-5.55) \times (68.73+68.47) / 2$	380.73		
			$(-7.73-0.00) \times (67.61+68.01) / 2$	-524.17		
S-10	S1		$(-4.35-5.25) \times (67.73+67.73) / 2$	60.96	5.80	
2780.73			$(-4.20-4.35) \times (67.47+67.73) / 2$	10.14		
			$(-3.00-4.20) \times (67.63+67.47) / 2$	81.06		
			$(0.00-3.00) \times (67.84+67.63) / 2$	203.20		
			$(-5.25-0.00) \times (66.81+67.17) / 2$	-351.70		
S-11	S1		$(-4.35-4.82) \times (67.47+67.47) / 2$	31.71	3.66	
2787.12			$(-4.20-4.35) \times (67.20+67.47) / 2$	10.10		
			$(-3.00-4.20) \times (67.37+67.20) / 2$	80.74		
			$(0.00-3.00) \times (67.57+67.37) / 2$	202.41		
			$(-4.82-0.00) \times (66.55+66.88) / 2$	-321.57		
S-12	S1		$(-3.00-3.75) \times (66.33+66.22) / 2$	49.71	3.39	
2811.88			$(0.00-3.00) \times (66.53+66.33) / 2$	199.29		
			$(-3.75-0.00) \times (65.58+65.84) / 2$	-246.41		
S-13	S1		$(-3.00-3.75) \times (65.34+65.23) / 2$	48.96	2.59	
2836.65			$(0.00-3.00) \times (65.54+65.34) / 2$	196.32		
			$(-3.75-0.00) \times (64.58+64.84) / 2$	-242.66		
S-14	S1		$(-12.34-11.75) \times (63.66+63.66) / 2$	-37.56	2.62	
2861.28			$(-16.84-12.34) \times (66.23+63.66) / 2$	-292.25		
			$(-24.50-16.84) \times (66.23+66.23) / 2$	-507.32		
			$(-19.29-24.50) \times (68.18+66.23) / 2$	350.14		
			$(-19.07-19.29) \times (68.18+68.18) / 2$	15.00		
			$(-18.27-19.07) \times (67.38+68.18) / 2$	54.22		
A RIPORTARE mq				-417.77		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

CALCOLO DELLE AREE		Foglio n. 3	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	-417.77
		$(-17.47-18.27) \times (67.38+67.38) / 2$	53.90
		$(-16.67-17.47) \times (68.18+67.38) / 2$	54.22
		$(-16.46-16.67) \times (68.18+68.18) / 2$	14.32
		$(-14.67-16.46) \times (68.21+68.18) / 2$	122.07
		$(-11.75-14.67) \times (66.26+68.21) / 2$	196.33
S-14	S2	$(-11.03-10.60) \times (63.51+63.51) / 2$	-27.31
2861.28		$(-11.75-11.03) \times (63.66+63.66) / 2$	-45.84
		$(-10.60-11.75) \times (65.49+66.26) / 2$	75.76
			23.07
S-14	S3	$(-8.75-10.60) \times (64.26+65.49) / 2$	120.02
2861.28		$(-7.85-8.75) \times (64.26+64.26) / 2$	57.83
		$(-7.70-7.85) \times (63.99+64.26) / 2$	9.62
		$(-6.50-7.70) \times (64.16+63.99) / 2$	76.89
		$(0.00-6.50) \times (64.60+64.16) / 2$	418.47
		$(-10.00-0.00) \times (63.21+63.90) / 2$	-635.55
		$(-10.60-10.00) \times (63.51+63.51) / 2$	-38.11
S-15	S1	$(-12.34-11.76) \times (62.77+62.77) / 2$	-36.41
2885.93		$(-13.16-12.34) \times (63.32+62.77) / 2$	-51.70
		$(-12.51-13.16) \times (63.32+63.32) / 2$	41.16
		$(-12.30-12.51) \times (63.32+63.32) / 2$	13.30
		$(-11.76-12.30) \times (62.78+63.32) / 2$	34.05
S-15	S2	$(-11.75-11.76) \times (62.77+62.78) / 2$	0.63
2885.93		$(-11.76-11.75) \times (62.77+62.77) / 2$	-0.63
			0.40
S-15	R1	$(-11.50-11.75) \times (62.52+62.77) / 2$	15.66
2885.93		$(-10.70-11.50) \times (62.52+62.52) / 2$	50.02
		$(-10.60-10.70) \times (62.62+62.52) / 2$	6.26
		$(-11.02-10.60) \times (62.62+62.62) / 2$	-26.30
		$(-11.75-11.02) \times (62.77+62.77) / 2$	-45.82
S-15	S3	$(-10.60-10.59) \times (62.62+62.62) / 2$	-0.63
2885.93		$(-10.59-10.60) \times (62.63+62.62) / 2$	0.63
			0.18
S-15	S4	$(-9.90-10.59) \times (63.32+62.63) / 2$	43.45
2885.93		$(-9.69-9.90) \times (63.32+63.32) / 2$	13.30
		$(-6.70-9.69) \times (63.32+63.32) / 2$	189.33
		$(-6.60-6.70) \times (63.27+63.32) / 2$	6.33
		$(-6.50-6.60) \times (63.28+63.27) / 2$	6.33
		$(0.00-6.50) \times (63.72+63.28) / 2$	412.75
		$(-10.00-0.00) \times (62.32+63.01) / 2$	-626.65
		$(-10.59-10.00) \times (62.62+62.62) / 2$	-36.95
S-16	S1	$(-12.30-13.15) \times (62.48+62.48) / 2$	53.11
2910.81		$(-11.76-12.30) \times (61.94+62.48) / 2$	33.59
		$(-12.34-11.76) \times (61.94+61.94) / 2$	-35.93
		$(-13.15-12.34) \times (62.48+61.94) / 2$	-50.39
S-16	R1	$(-11.76-11.75) \times (61.94+61.94) / 2$	-0.62
			7.89
			0.38
		A RIPORTARE mq	-0.62

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				-0.62		
2910.81			$(-11.75-11.76) \times (61.93+61.94) / 2$	0.62		
S-16	R2		$(-11.03-10.60) \times (61.79+61.79) / 2$	-26.57		
2910.81			$(-11.75-11.03) \times (61.94+61.94) / 2$	-44.60		
			$(-11.50-11.75) \times (61.68+61.93) / 2$	15.45		
			$(-10.70-11.50) \times (61.68+61.68) / 2$	49.34		
			$(-10.60-10.70) \times (61.78+61.68) / 2$	6.17		
S-16	R3		$(-10.59-10.60) \times (61.79+61.78) / 2$	0.62	0.21	
2910.81			$(-10.60-10.59) \times (61.79+61.79) / 2$	-0.62		
S-16	S2		$(-9.90-10.59) \times (62.48+61.79) / 2$	42.87		
2910.81			$(-6.70-9.90) \times (62.48+62.48) / 2$	199.94		
			$(-6.60-6.70) \times (62.43+62.48) / 2$	6.25		
			$(-6.50-6.60) \times (62.44+62.43) / 2$	6.24		
			$(0.00-6.50) \times (62.88+62.44) / 2$	407.29		
			$(-10.00-0.00) \times (61.49+62.18) / 2$	-618.35		
			$(-10.59-10.00) \times (61.79+61.79) / 2$	-36.46		
S-17	S1		$(-12.34-11.76) \times (61.16+61.16) / 2$	-35.47	7.78	
2935.11			$(-20.68-12.34) \times (65.92+61.16) / 2$	-529.92		
			$(-20.60-20.68) \times (65.92+65.92) / 2$	5.27		
			$(-16.26-20.60) \times (64.46+65.92) / 2$	282.92		
			$(-16.04-16.26) \times (64.46+64.46) / 2$	14.18		
			$(-15.24-16.04) \times (63.66+64.46) / 2$	51.25		
			$(-14.44-15.24) \times (63.66+63.66) / 2$	50.93		
			$(-13.64-14.44) \times (64.46+63.66) / 2$	51.25		
			$(-13.43-13.64) \times (64.46+64.46) / 2$	13.54		
			$(-12.64-13.43) \times (64.34+64.46) / 2$	50.88		
			$(-11.76-12.64) \times (63.76+64.34) / 2$	56.36		
S-17	S2		$(-11.03-10.59) \times (61.01+61.01) / 2$	-26.84	11.19	
2935.11			$(-11.76-11.03) \times (61.16+61.16) / 2$	-44.65		
			$(-10.59-11.76) \times (62.98+63.76) / 2$	74.14		
S-17	S3		$(-8.75-10.59) \times (61.75+62.98) / 2$	114.75	2.65	
2935.11			$(-7.85-8.75) \times (61.75+61.75) / 2$	55.58		
			$(-7.70-7.85) \times (61.48+61.75) / 2$	9.24		
			$(-6.50-7.70) \times (61.65+61.48) / 2$	73.88		
			$(0.00-6.50) \times (62.09+61.65) / 2$	402.16		
			$(-10.00-0.00) \times (60.71+61.39) / 2$	-610.50		
			$(-10.59-10.00) \times (61.01+61.01) / 2$	-36.00		
S-18	S1		$(-16.70-17.77) \times (63.35+63.42) / 2$	67.82	9.11	
2961.02			$(-15.62-16.70) \times (62.98+63.35) / 2$	68.22		
			$(-15.41-15.62) \times (62.98+62.98) / 2$	13.23		
			$(-14.57-15.41) \times (62.18+62.98) / 2$	52.57		
			$(-13.81-14.57) \times (62.18+62.18) / 2$	47.26		
			$(-13.01-13.81) \times (62.98+62.18) / 2$	50.06		
			$(-12.80-13.01) \times (62.98+62.98) / 2$	13.23		
			$(-12.01-12.80) \times (63.01+62.98) / 2$	49.77		
A RIPORTARE mq				362.16		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

CALCOLO DELLE AREE		Foglio n. 5	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	362.16
		$(-8.83-12.01) \times (60.90+63.01) / 2$	197.02
		$(-7.93-8.83) \times (60.91+60.90) / 2$	54.81
		$(-7.78-7.93) \times (60.64+60.91) / 2$	9.12
		$(-6.57-7.78) \times (60.81+60.64) / 2$	73.48
		$(0.00-6.57) \times (61.26+60.81) / 2$	401.00
		$(-10.00-0.00) \times (59.87+60.56) / 2$	-602.15
		$(-11.03-10.00) \times (60.17+60.17) / 2$	-61.98
		$(-12.34-11.03) \times (60.32+60.32) / 2$	-79.02
		$(-17.77-12.34) \times (63.42+60.32) / 2$	-335.95
S-19	S1	$(-14.85-15.26) \times (61.70+61.29) / 2$	25.21
2982.75		$(-14.64-14.85) \times (61.70+61.70) / 2$	12.96
		$(-13.85-14.64) \times (61.62+61.70) / 2$	48.71
		$(-11.45-13.85) \times (60.03+61.62) / 2$	145.98
		$(-10.55-11.45) \times (60.03+60.03) / 2$	54.03
		$(-10.40-10.55) \times (59.76+60.03) / 2$	8.98
		$(-9.20-10.40) \times (59.93+59.76) / 2$	71.81
		$(0.00-9.20) \times (60.55+59.93) / 2$	554.21
		$(-10.00-0.00) \times (59.17+59.86) / 2$	-595.15
		$(-11.03-10.00) \times (59.47+59.47) / 2$	-61.25
		$(-12.34-11.03) \times (59.62+59.62) / 2$	-78.10
		$(-15.26-12.34) \times (61.29+59.62) / 2$	-176.53
			18.49
			10.86
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO STERRI E RIPORTI											Foglio n. 6	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI				
		STERRO mc	RIPORTO mc			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc			
S-1	S1	2.56		(2587.58)								
S-2	S1	3.68		(2612.58)	25.00	78.000						
											78.000	
S-2	S1	3.68		(2612.58)	25.00	117.750						
S-3	S1	5.74		(2637.58)							117.750	
S-3	S1	5.74		(2637.58)	25.00	182.750						
S-4	S1	8.88		(2662.58)							182.750	
S-4	S1	8.88		(2662.58)	25.00	222.125						
S-5	S1	8.89		(2687.58)							222.125	
S-5	S1	8.89		(2687.58)	10.55	93.842						
S-6	S1	8.90		(2698.13)							93.842	
S-6	S1	8.90		(2698.13)	14.44	127.505						
S-7	S1	8.76		(2712.57)							127.505	
S-7	S1	8.76		(2712.57)	24.92	173.568						
S-8	S1	5.17		(2737.49)							173.568	
S-8	S1	5.17		(2737.49)	25.94	142.281						
S-9	S1	5.80		(2763.43)							142.281	
A RIPORTARE :											1137.821	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO STERRI E RIPORTI										Foglio n. 7	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :	0.000			1137.821	
S-9	S1	5.80		(2763.43)							
S-10	S1	3.66		(2780.73)	17.30	81.829					
										81.829	
S-10	S1	3.66		(2780.73)	6.39	22.525					
S-11	S1	3.39		(2787.12)						22.525	
S-11	S1	3.39		(2787.12)	24.76	74.032					
S-12	S1	2.59		(2811.88)						74.032	
S-12	S1	2.59		(2811.88)	24.77	64.526					
S-13	S1	2.62		(2836.65)						64.526	
S-13	S1	2.62		(2836.65)	24.63	461.443					
S-14	S1	23.07		(2861.28)							
	S2	2.61									
	S3	9.17								461.443	
S-14	S1	23.07		(2861.28)	24.65	289.268					
S-15	S1	0.40		(2885.93)							
	S2	0.00									
S-14	S2	2.61		(2861.28)	23.06	30.093					
				2.61*24.65	23.06						
				2.61+0.18							
S-15	R1		0.18	(2885.93)	1.59			0.143			
S-14	S3	9.17		(2861.28)	24.65	210.264					
S-15	S3	0.00		(2885.93)							
	S4	7.89								529.625	0.143
S-15	S1	0.40		(2885.93)							
S-16	S1	0.38		(2910.81)	24.88	9.703					
						A RIPORTARE :	9.703		2371.801		0.143

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO STERRI E RIPORTI										Foglio n. 8	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
RIPORTO :						9.703		2371.801	0.143		
S-15	R1		0.18	(2885.93)							
S-16	R2		0.21	(2910.81)	24.88		4.852				
S-15	S4	7.89		(2885.93)							
S-16	S2	7.78		(2910.81)	24.88	194.935					
								204.638	4.852		
S-16	S1	0.38		(2910.81)							
S-16	S1		0.38	(2910.81)	24.30	140.576					
S-17	S1	11.19		(2935.11)							
S-16	R1		0.00	(2910.81)							
	R2		0.21								
	R3		0.00		1.78		0.187				
				0.21*24.30	1.78						
				0.21+2.65	1.78						
S-17	S2	2.65		(2935.11)	22.52	29.839					
S-16	S2	7.78		(2910.81)							
S-16	S2		7.78	(2910.81)	24.30	205.214					
S-17	S3	9.11		(2935.11)							
								375.629	0.187		
S-17	S1	11.19		(2935.11)							
	S2	2.65									
	S3	9.11									
S-18	S1	18.49		(2961.02)	25.91	536.855					
								536.855			
S-18	S1	18.49		(2961.02)							
S-19	S1	10.86		(2982.75)	21.73	318.888					
								318.888			
Il Direttore dei Lavori						L'Impresa		Totale Articoli	3807.811	5.182	
								A dedurre quantita' precedenti:			
								Quantita' da contabilizzare ...			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

CALCOLO DELLE AREE Foglio n. 9

VEGETALE IN RILEVATO

N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
S-1	C1	$(-4.32-4.04) \times (76.20+76.20) / 2$	-21.34		
2587.58		$(-4.04-4.32) \times (76.01+76.20) / 2$	21.31	0.03	
S-15	C1	$(-11.02-11.75) \times (62.77+62.77) / 2$	45.82		
2885.93		$(-12.05-11.02) \times (63.07+63.07) / 2$	-64.96		
		$(-11.75-12.05) \times (62.77+63.07) / 2$	18.88	0.26	
S-16	C1	$(-11.02-11.76) \times (61.94+61.94) / 2$	45.84		
2910.81		$(-12.06-11.02) \times (62.24+62.24) / 2$	-64.73		
		$(-11.76-12.06) \times (61.94+62.24) / 2$	18.63	0.26	

Il Direttore dei Lavori L'Impresa

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
S-1	F1		$(-4.51-4.32) \times (76.20+76.20) / 2$	-14.48		
2587.58			$(-4.04-4.51) \times (75.90+75.90) / 2$	35.67		
			$(-4.32-4.04) \times (76.20+76.01) / 2$	-21.31		
S-2	F1		$(-5.28-5.76) \times (74.83+74.83) / 2$	35.92	0.12	
2612.58			$(-5.76-5.28) \times (75.13+75.13) / 2$	-36.06		
S-3	F1		$(-6.53-7.01) \times (73.76+73.76) / 2$	35.40	0.14	
2637.58			$(-7.01-6.53) \times (74.06+74.06) / 2$	-35.55		
S-4	F1		$(-7.77-8.25) \times (72.68+72.68) / 2$	34.89	0.15	
2662.58			$(-8.25-7.77) \times (72.98+72.98) / 2$	-35.03		
S-5	F1		$(-7.77-8.25) \times (71.64+71.64) / 2$	34.39	0.14	
2687.58			$(-8.25-7.77) \times (71.94+71.94) / 2$	-34.53		
S-6	F1		$(-7.77-8.25) \times (71.20+71.20) / 2$	34.18	0.14	
2698.13			$(-8.25-7.77) \times (71.50+71.50) / 2$	-34.32		
S-7	F1		$(-7.77-8.25) \times (70.60+70.60) / 2$	33.89	0.14	
2712.57			$(-8.25-7.77) \times (70.90+70.90) / 2$	-34.03		
S-8	F1		$(-7.78-8.25) \times (69.56+69.56) / 2$	32.69	0.14	
2737.49			$(-8.25-7.78) \times (69.86+69.86) / 2$	-32.83		
S-14	F1		$(-16.84-24.50) \times (66.23+66.23) / 2$	507.32	4.15	
2861.28			$(-12.34-16.84) \times (63.66+66.23) / 2$	292.25		
			$(-11.02-12.34) \times (63.66+63.66) / 2$	84.03		
			$(-12.25-11.02) \times (63.96+63.96) / 2$	-78.67		
			$(-16.75-12.25) \times (66.53+63.96) / 2$	-293.60		
			$(-23.70-16.75) \times (66.53+66.53) / 2$	-462.38		
			$(-24.50-23.70) \times (66.23+66.53) / 2$	-53.10		
S-15	F1		$(-12.34-13.16) \times (62.77+63.32) / 2$	51.70	0.32	
2885.93			$(-11.77-12.34) \times (62.77+62.77) / 2$	35.78		
			$(-12.07-11.77) \times (63.07+62.77) / 2$	-18.88		
			$(-12.25-12.07) \times (63.07+63.07) / 2$	-11.35		
			$(-12.62-12.25) \times (63.32+63.07) / 2$	-23.38		
			$(-13.16-12.62) \times (63.32+63.32) / 2$	-34.19		
S-16	F1		$(-12.34-13.15) \times (61.94+62.48) / 2$	50.39	0.32	
2910.81			$(-11.77-12.34) \times (61.94+61.94) / 2$	35.31		
			$(-12.07-11.77) \times (62.24+61.94) / 2$	-18.63		
			$(-12.25-12.07) \times (62.24+62.24) / 2$	-11.20		
			$(-12.61-12.25) \times (62.48+62.24) / 2$	-22.45		
			$(-13.15-12.61) \times (62.48+62.48) / 2$	-33.74		
S-17	F1		$(-12.34-20.68) \times (61.16+65.92) / 2$	529.92	3.10	
2935.11			$(-11.02-12.34) \times (61.16+61.16) / 2$	80.73		
			$(-12.25-11.02) \times (61.46+61.46) / 2$	-75.60		
			$(-19.29-12.25) \times (65.48+61.46) / 2$	-446.83		
			$(-20.68-19.29) \times (65.92+65.48) / 2$	-91.32		
A RIPORTARE mq						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq						
S-18	F1		(-12.34—17.77)x(60.32+63.42)/2	335.95		
2961.02			(-11.03—12.34)x(60.32+60.32)/2	79.02		
			(-12.25—11.03)x(60.62+60.62)/2	-73.96		
			(-17.07—12.25)x(63.37+60.62)/2	-298.82		
			(-17.77—17.07)x(63.42+63.37)/2	-44.38		
					2.19	
S-19	F1		(-12.34—15.26)x(59.62+61.29)/2	176.53		
2982.75			(-11.03—12.34)x(59.62+59.62)/2	78.10		
			(-12.25—11.03)x(59.92+59.92)/2	-73.10		
			(-15.04—12.25)x(61.51+59.92)/2	-169.39		
			(-15.26—15.04)x(61.29+61.51)/2	-13.51		
					1.37	
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TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

CALCOLO DELLE LUNGHEZZE Foglio n. 12

SEMINA

N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
---------------------	------	---------------------	-------------------------------	---------------------------	------

S-1	b1	$^1((-4.51-4.04)^2+(76.20-76.20)^2)$	0.47		
S-2	b1	$^1((-5.76-5.28)^2+(75.13-75.13)^2)$	0.48	0.47	
S-3	b1	$^1((-7.01-6.53)^2+(74.06-74.06)^2)$	0.48	0.48	
S-4	b1	$^1((-8.25-7.77)^2+(72.98-72.98)^2)$	0.48	0.48	
S-5	b1	$^1((-8.25-7.77)^2+(71.94-71.94)^2)$	0.48	0.48	
S-6	b1	$^1((-8.25-7.77)^2+(71.50-71.50)^2)$	0.48	0.48	
S-7	b1	$^1((-8.25-7.77)^2+(70.90-70.90)^2)$	0.48	0.48	
S-8	b1	$^1((-8.25-7.78)^2+(69.86-69.86)^2)$	0.47	0.47	
S-14	b1	$^1((-12.25-11.02)^2+(63.96-63.96)^2)$	1.23		
2861.28		$^1((-16.75-12.25)^2+(66.53-63.96)^2)$	5.18		
		$^1((-23.70-16.75)^2+(66.53-66.53)^2)$	6.95		
S-15	b1	$^1((-12.25-11.02)^2+(63.07-63.07)^2)$	1.23	13.36	
2885.93		$^1((-12.62-12.25)^2+(63.32-63.07)^2)$	0.45		
S-16	b1	$^1((-12.25-11.02)^2+(62.24-62.24)^2)$	1.23	1.68	
2910.81		$^1((-12.61-12.25)^2+(62.48-62.24)^2)$	0.43		
S-17	b1	$^1((-12.25-11.02)^2+(61.46-61.46)^2)$	1.23	1.66	
2935.11		$^1((-19.29-12.25)^2+(65.48-61.46)^2)$	8.11		
S-18	b1	$^1((-12.25-11.03)^2+(60.62-60.62)^2)$	1.22	9.34	
2961.02		$^1((-17.07-12.25)^2+(63.37-60.62)^2)$	5.55		
S-19	b1	$^1((-12.25-11.03)^2+(59.92-59.92)^2)$	1.22	6.77	
2982.75		$^1((-15.04-12.25)^2+(61.51-59.92)^2)$	3.21		
				4.43	
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TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

N. SEZIONE PROG.		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
S-1	g1		$^1((-3.01-0.00)^2+(76.10-76.18)^2)$	3.01	3.01	
S-2	g1		$^1((-4.25-0.00)^2+(75.03-75.14)^2)$	4.25	4.25	
S-3	g1		$^1((-5.51-0.00)^2+(73.96-74.09)^2)$	5.51	5.51	
S-4	g1		$^1((-6.75-0.00)^2+(72.88-73.05)^2)$	6.75	6.75	
S-5	g1		$^1((-6.75-0.00)^2+(71.84-72.01)^2)$	6.75	6.75	
S-6	g1		$^1((-6.75-0.00)^2+(71.40-71.57)^2)$	6.75	6.75	
S-7	g1		$^1((-6.75-0.00)^2+(70.80-70.97)^2)$	6.75	6.75	
S-8	g1		$^1((-6.75-0.00)^2+(69.76-69.93)^2)$	6.75	6.75	
S-9	g1		$^1((-7.73-0.00)^2+(68.26-68.66)^2)$	7.74	7.74	
S-10	g1		$^1((-5.25-0.00)^2+(67.46-67.82)^2)$	5.26	5.26	
S-11	g1		$^1((-4.82-0.00)^2+(67.20-67.53)^2)$	4.83	4.83	
S-12	g1		$^1((-3.75-0.00)^2+(66.23-66.49)^2)$	3.76	3.76	
S-13	g1		$^1((-3.75-0.00)^2+(65.23-65.49)^2)$	3.76	3.76	
S-14	g1		$^1((-10.00-0.00)^2+(63.86-64.55)^2)$	10.02	10.02	
S-15	g1		$^1((-10.00-0.00)^2+(62.97-63.66)^2)$	10.02	10.02	
S-16	g1		$^1((-10.00-0.00)^2+(62.14-62.83)^2)$	10.02	10.02	
S-17	g1		$^1((-10.00-0.00)^2+(61.36-62.04)^2)$	10.02	10.02	
S-18	g1		$^1((-10.00-0.00)^2+(60.52-61.21)^2)$	10.02	10.02	
S-19	g1		$^1((-10.00-0.00)^2+(59.82-60.51)^2)$	10.02	10.02	

Il Direttore dei Lavori

L'Impresa

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

CALCOLO DELLE LUNGHEZZE		Foglio n. 14	
BINDER			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
S-1	h1	$^1((-3.01-0.00)^2+(76.05-76.13)^2)$	3.01
S-2	h1	$^1((-4.25-0.00)^2+(74.98-75.09)^2)$	4.25
S-3	h1	$^1((-5.51-0.00)^2+(73.91-74.04)^2)$	5.51
S-4	h1	$^1((-6.75-0.00)^2+(72.83-73.00)^2)$	6.75
S-5	h1	$^1((-6.75-0.00)^2+(71.79-71.96)^2)$	6.75
S-6	h1	$^1((-6.75-0.00)^2+(71.35-71.52)^2)$	6.75
S-7	h1	$^1((-6.75-0.00)^2+(70.75-70.92)^2)$	6.75
S-8	h1	$^1((-6.75-0.00)^2+(69.71-69.88)^2)$	6.75
S-9	h1	$^1((-7.73-0.00)^2+(68.21-68.61)^2)$	7.74
S-10	h1	$^1((-5.25-0.00)^2+(67.41-67.77)^2)$	5.26
S-11	h1	$^1((-4.82-0.00)^2+(67.15-67.48)^2)$	4.83
S-12	h1	$^1((-3.75-0.00)^2+(66.18-66.44)^2)$	3.76
S-13	h1	$^1((-3.75-0.00)^2+(65.18-65.44)^2)$	3.76
S-14	h1	$^1((-10.00-0.00)^2+(63.81-64.50)^2)$	10.02
S-15	h1	$^1((-10.00-0.00)^2+(62.92-63.61)^2)$	10.02
S-16	h1	$^1((-10.00-0.00)^2+(62.09-62.78)^2)$	10.02
S-17	h1	$^1((-10.00-0.00)^2+(61.31-61.99)^2)$	10.02
S-18	h1	$^1((-10.00-0.00)^2+(60.47-61.16)^2)$	10.02
S-19	h1	$^1((-10.00-0.00)^2+(59.77-60.46)^2)$	10.02

Il Direttore dei Lavori L'Impresa

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
S-1	i1		$^1((-3.01-0.00)^2+(75.90-75.98)^2)$	3.01	3.01	
S-2	i1		$^1((-4.25-0.00)^2+(74.83-74.94)^2)$	4.25	4.25	
S-3	i1		$^1((-5.51-0.00)^2+(73.76-73.89)^2)$	5.51	5.51	
S-4	i1		$^1((-6.75-0.00)^2+(72.68-72.85)^2)$	6.75	6.75	
S-5	i1		$^1((-6.75-0.00)^2+(71.64-71.81)^2)$	6.75	6.75	
S-6	i1		$^1((-6.75-0.00)^2+(71.20-71.37)^2)$	6.75	6.75	
S-7	i1		$^1((-6.75-0.00)^2+(70.60-70.77)^2)$	6.75	6.75	
S-8	i1		$^1((-6.75-0.00)^2+(69.56-69.73)^2)$	6.75	6.75	
S-9	i1		$^1((-7.73-0.00)^2+(68.06-68.46)^2)$	7.74	7.74	
S-10	i1		$^1((-5.25-0.00)^2+(67.26-67.62)^2)$	5.26	5.26	
S-11	i1		$^1((-4.82-0.00)^2+(67.00-67.33)^2)$	4.83	4.83	
S-12	i1		$^1((-3.75-0.00)^2+(66.03-66.29)^2)$	3.76	3.76	
S-13	i1		$^1((-3.75-0.00)^2+(65.03-65.29)^2)$	3.76	3.76	
S-14	i1		$^1((-10.00-0.00)^2+(63.66-64.35)^2)$	10.02	10.02	
S-15	i1		$^1((-10.00-0.00)^2+(62.77-63.46)^2)$	10.02	10.02	
S-16	i1		$^1((-10.00-0.00)^2+(61.94-62.63)^2)$	10.02	10.02	
S-17	i1		$^1((-10.00-0.00)^2+(61.16-61.84)^2)$	10.02	10.02	
S-18	i1		$^1((-10.00-0.00)^2+(60.32-61.01)^2)$	10.02	10.02	
S-19	i1		$^1((-10.00-0.00)^2+(59.62-60.31)^2)$	10.02	10.02	

Il Direttore dei Lavori

L'Impresa

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
S-1	ml		$^1((-3.01-0.00)^2+(75.45-75.53)^2)$	3.01	3.01	
S-2	ml		$^1((-4.25-0.00)^2+(74.38-74.49)^2)$	4.25	4.25	
S-3	ml		$^1((-5.51-0.00)^2+(73.31-73.44)^2)$	5.51	5.51	
S-4	ml		$^1((-6.75-0.00)^2+(72.23-72.40)^2)$	6.75	6.75	
S-5	ml		$^1((-6.75-0.00)^2+(71.19-71.36)^2)$	6.75	6.75	
S-6	ml		$^1((-6.75-0.00)^2+(70.75-70.92)^2)$	6.75	6.75	
S-7	ml		$^1((-6.75-0.00)^2+(70.15-70.32)^2)$	6.75	6.75	
S-8	ml		$^1((-6.75-0.00)^2+(69.11-69.28)^2)$	6.75	6.75	
S-9	ml		$^1((-7.73-0.00)^2+(67.61-68.01)^2)$	7.74	7.74	
S-10	ml		$^1((-5.25-0.00)^2+(66.81-67.17)^2)$	5.26	5.26	
S-11	ml		$^1((-4.82-0.00)^2+(66.55-66.88)^2)$	4.83	4.83	
S-12	ml		$^1((-3.75-0.00)^2+(65.58-65.84)^2)$	3.76	3.76	
S-13	ml		$^1((-3.75-0.00)^2+(64.58-64.84)^2)$	3.76	3.76	
S-14	ml		$^1((-10.00-0.00)^2+(63.21-63.90)^2)$	10.02	10.02	
S-15	ml		$^1((-10.00-0.00)^2+(62.32-63.01)^2)$	10.02	10.02	
S-16	ml		$^1((-10.00-0.00)^2+(61.49-62.18)^2)$	10.02	10.02	
S-17	ml		$^1((-10.00-0.00)^2+(60.71-61.39)^2)$	10.02	10.02	
S-18	ml		$^1((-10.00-0.00)^2+(59.87-60.56)^2)$	10.02	10.02	
S-19	ml		$^1((-10.00-0.00)^2+(59.17-59.86)^2)$	10.02	10.02	

Il Direttore dei Lavori L'Impresa

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

		CALCOLO DELLE LUNGHEZZE		Foglio n. 17	
BONIFICA TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
S-1	p1	$^1((-3.01-0.00)^2+(75.45-75.53)^2)$	3.01	3.01	
S-2	p1	$^1((-4.25-0.00)^2+(74.38-74.49)^2)$	4.25	4.25	
S-3	p1	$^1((-5.51-0.00)^2+(73.31-73.44)^2)$	5.51	5.51	
S-4	p1	$^1((-6.75-0.00)^2+(72.23-72.40)^2)$	6.75	6.75	
S-5	p1	$^1((-6.75-0.00)^2+(71.19-71.36)^2)$	6.75	6.75	
S-6	p1	$^1((-6.75-0.00)^2+(70.75-70.92)^2)$	6.75	6.75	
S-7	p1	$^1((-6.75-0.00)^2+(70.15-70.32)^2)$	6.75	6.75	
S-8	p1	$^1((-6.75-0.00)^2+(69.11-69.28)^2)$	6.75	6.75	
S-9	p1	$^1((-7.73-0.00)^2+(67.61-68.01)^2)$	7.74	7.74	
S-10	p1	$^1((-5.25-0.00)^2+(66.81-67.17)^2)$	5.26	5.26	
S-11	p1	$^1((-4.82-0.00)^2+(66.55-66.88)^2)$	4.83	4.83	
S-12	p1	$^1((-3.75-0.00)^2+(65.58-65.84)^2)$	3.76	3.76	
S-13	p1	$^1((-3.75-0.00)^2+(64.58-64.84)^2)$	3.76	3.76	
S-14	p1	$^1((-10.00-0.00)^2+(63.21-63.90)^2)$	10.02	10.02	
S-15	p1	$^1((-10.00-0.00)^2+(62.32-63.01)^2)$	10.02	10.02	
S-16	p1	$^1((-10.00-0.00)^2+(61.49-62.18)^2)$	10.02	10.02	
S-17	p1	$^1((-10.00-0.00)^2+(60.71-61.39)^2)$	10.02	10.02	
S-18	p1	$^1((-10.00-0.00)^2+(59.87-60.56)^2)$	10.02	10.02	
S-19	p1	$^1((-10.00-0.00)^2+(59.17-59.86)^2)$	10.02	10.02	
Il Direttore dei Lavori		L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DEI VOLUMI										Foglio n.	18
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
S-1	S-2	S-1	C1	0.03	25.00	12.50	0.375		0.375		
S-14	S-15	S-15	C1	0.26	24.65	12.32	3.203		3.203		
S-15	S-16	S-15	C1	0.26	24.88	12.44	3.234				
2885.93	2910.81	S-16	C1	0.26	24.88	12.44	3.234				
S-16	S-17	S-16	C1	0.26	24.30	12.15	3.159		3.159		
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	13.205

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DEI VOLUMI										Foglio n.	19
VEGETALE IN TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
S-1	S-2	S-1	F1	0.12	25.00	12.50	1.500				
2587.58	2612.58	S-2	F1	0.14	25.00	12.50	1.750				
										3.250	
S-2	S-3	S-2	F1	0.14	25.00	12.50	1.750				
2612.58	2637.58	S-3	F1	0.15	25.00	12.50	1.875				
										3.625	
S-3	S-4	S-3	F1	0.15	25.00	12.50	1.875				
2637.58	2662.58	S-4	F1	0.14	25.00	12.50	1.750				
										3.625	
S-4	S-5	S-4	F1	0.14	25.00	12.50	1.750				
2662.58	2687.58	S-5	F1	0.14	25.00	12.50	1.750				
										3.500	
S-5	S-6	S-5	F1	0.14	10.55	5.28	0.739				
2687.58	2698.13	S-6	F1	0.14	10.55	5.28	0.739				
										1.478	
S-6	S-7	S-6	F1	0.14	14.44	7.22	1.011				
2698.13	2712.57	S-7	F1	0.14	14.44	7.22	1.011				
										2.022	
S-7	S-8	S-7	F1	0.14	24.92	12.46	1.744				
2712.57	2737.49	S-8	F1	0.14	24.92	12.46	1.744				
										3.488	
S-8	S-9	S-8	F1	0.14	25.94	12.97	1.816				
										1.816	
S-13	S-14	S-14	F1	4.15	24.63	12.32	51.128				
										51.128	
S-14	S-15	S-14	F1	4.15	24.65	12.32	51.128				
2861.28	2885.93	S-15	F1	0.32	24.65	12.32	3.942				
										55.070	
S-15	S-16	S-15	F1	0.32	24.88	12.44	3.981				
2885.93	2910.81	S-16	F1	0.32	24.88	12.44	3.981				
										7.962	
S-16	S-17	S-16	F1	0.32	24.30	12.15	3.888				
2910.81	2935.11	S-17	F1	3.10	24.30	12.15	37.665				
										41.553	
S-17	S-18	S-17	F1	3.10	25.91	12.95	40.145				
2935.11	2961.02	S-18	F1	2.19	25.91	12.95	28.360				
										68.505	
S-18	S-19	S-18	F1	2.19	21.73	10.87	23.805				
2961.02	2982.75	S-19	F1	1.37	21.73	10.87	14.892				
										38.697	
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	285.719

TABULATI MOVIMENTI MATERIA

Codice documento
 CS0113_F0.doc

Rev
 F0

Data
 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DI SUPERFICI										Foglio n. 20		
SEMINA												
DALLA SEZ.	ALLA SEZ.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI	DISTANZA DI CALCOLO	AREA PARZIALE	AREA TOTALE				
DA PROG.	A PROG.				mL	mL	mq	mq				
S-1	S-2	S-1	b1	0.47	25.00	12.50	5.88					
2587.58	2612.58	S-2	b1	0.48	25.00	12.50	6.00			11.88		
S-2	S-3	S-2	b1	0.48	25.00	12.50	6.00			12.00		
2612.58	2637.58	S-3	b1	0.48	25.00	12.50	6.00			12.00		
S-3	S-4	S-3	b1	0.48	25.00	12.50	6.00			12.00		
2637.58	2662.58	S-4	b1	0.48	25.00	12.50	6.00			12.00		
S-4	S-5	S-4	b1	0.48	25.00	12.50	6.00			12.00		
2662.58	2687.58	S-5	b1	0.48	25.00	12.50	6.00			12.00		
S-5	S-6	S-5	b1	0.48	10.55	5.28	2.53			5.06		
2687.58	2698.13	S-6	b1	0.48	10.55	5.28	2.53			6.94		
S-6	S-7	S-6	b1	0.48	14.44	7.22	3.47			6.94		
2698.13	2712.57	S-7	b1	0.48	14.44	7.22	3.47			11.84		
S-7	S-8	S-7	b1	0.48	24.92	12.46	5.98			6.10		
2712.57	2737.49	S-8	b1	0.47	24.92	12.46	5.86			6.10		
S-8	S-9	S-8	b1	0.47	25.94	12.97	6.10			185.30		
S-13	S-14	S-14	b1	13.36	24.63	12.32	164.60			185.30		
S-14	S-15	S-14	b1	13.36	24.65	12.32	164.60			41.55		
2861.28	2885.93	S-15	b1	1.68	24.65	12.32	20.70			41.55		
S-15	S-16	S-15	b1	1.68	24.88	12.44	20.90			133.65		
2885.93	2910.81	S-16	b1	1.66	24.88	12.44	20.65			133.65		
S-16	S-17	S-16	b1	1.66	24.30	12.15	20.17			208.62		
2910.81	2935.11	S-17	b1	9.34	24.30	12.15	113.48			208.62		
S-17	S-18	S-17	b1	9.34	25.91	12.95	120.95			121.74		
2935.11	2961.02	S-18	b1	6.77	25.91	12.95	87.67					
S-18	S-19	S-18	b1	6.77	21.73	10.87	73.59					
2961.02	2982.75	S-19	b1	4.43	21.73	10.87	48.15					
									Il Direttore dei Lavori	L'Impresa	TOTALE ARTICOLO	933.28

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DI SUPERFICI										Foglio n.	21
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
S-1	S-2	S-1	g1	3.01	25.00	12.50	37.63				
2587.58	2612.58	S-2	g1	4.25	25.00	12.50	53.13				
S-2	S-3	S-2	g1	4.25	25.00	12.50	53.13			90.76	
2612.58	2637.58	S-3	g1	5.51	25.00	12.50	68.88				
S-3	S-4	S-3	g1	5.51	25.00	12.50	68.88			122.01	
2637.58	2662.58	S-4	g1	6.75	25.00	12.50	84.38				
S-4	S-5	S-4	g1	6.75	25.00	12.50	84.38			153.26	
2662.58	2687.58	S-5	g1	6.75	25.00	12.50	84.38				
S-5	S-6	S-5	g1	6.75	10.55	5.28	35.64			168.76	
2687.58	2698.13	S-6	g1	6.75	10.55	5.28	35.64				
S-6	S-7	S-6	g1	6.75	14.44	7.22	48.73			71.28	
2698.13	2712.57	S-7	g1	6.75	14.44	7.22	48.73				
S-7	S-8	S-7	g1	6.75	24.92	12.46	84.11			97.46	
2712.57	2737.49	S-8	g1	6.75	24.92	12.46	84.11				
S-8	S-9	S-8	g1	6.75	25.94	12.97	87.55			168.22	
2737.49	2763.43	S-9	g1	7.74	25.94	12.97	100.39				
S-9	S-10	S-9	g1	7.74	17.30	8.65	66.95			187.94	
2763.43	2780.73	S-10	g1	5.26	17.30	8.65	45.50				
S-10	S-11	S-10	g1	5.26	6.39	3.19	16.78			112.45	
2780.73	2787.12	S-11	g1	4.83	6.39	3.19	15.41				
S-11	S-12	S-11	g1	4.83	24.76	12.38	59.80			32.19	
2787.12	2811.88	S-12	g1	3.76	24.76	12.38	46.55				
S-12	S-13	S-12	g1	3.76	24.77	12.38	46.55			106.35	
2811.88	2836.65	S-13	g1	3.76	24.77	12.38	46.55				
S-13	S-14	S-13	g1	3.76	24.63	12.32	46.32			93.10	
2836.65	2861.28	S-14	g1	10.02	24.63	12.32	123.45				
S-14	S-15	S-14	g1	10.02	24.65	12.32	123.45			169.77	
2861.28	2885.93	S-15	g1	10.02	24.65	12.32	123.45				
S-15	S-16	S-15	g1	10.02	24.88	12.44	124.65			246.90	
2885.93	2910.81	S-16	g1	10.02	24.88	12.44	124.65				
S-16	S-17	S-16	g1	10.02	24.30	12.15	121.74			249.30	
2910.81	2935.11	S-17	g1	10.02	24.30	12.15	121.74				
S-17	S-18	S-17	g1	10.02	25.91	12.95	129.76			243.48	
2935.11	2961.02	S-18	g1	10.02	25.91	12.95	129.76				
S-18	S-19	S-18	g1	10.02	21.73	10.87	108.92			259.52	
2961.02	2982.75	S-19	g1	10.02	21.73	10.87	108.92				
A RIPORTARE mq							217.84	2790.59			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DI SUPERFICI										Foglio n. 22	
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq	217.84	2790.59		
								217.84			
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO	2790.59		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DI SUPERFICI										Foglio n. 23	
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			
S-1	S-2	S-1	h1	3.01	25.00	12.50	37.63				
2587.58	2612.58	S-2	h1	4.25	25.00	12.50	53.13				
S-2	S-3	S-2	h1	4.25	25.00	12.50	53.13			90.76	
2612.58	2637.58	S-3	h1	5.51	25.00	12.50	68.88				
S-3	S-4	S-3	h1	5.51	25.00	12.50	68.88			122.01	
2637.58	2662.58	S-4	h1	6.75	25.00	12.50	84.38				
S-4	S-5	S-4	h1	6.75	25.00	12.50	84.38			153.26	
2662.58	2687.58	S-5	h1	6.75	25.00	12.50	84.38				
S-5	S-6	S-5	h1	6.75	10.55	5.28	35.64			168.76	
2687.58	2698.13	S-6	h1	6.75	10.55	5.28	35.64				
S-6	S-7	S-6	h1	6.75	14.44	7.22	48.73			71.28	
2698.13	2712.57	S-7	h1	6.75	14.44	7.22	48.73				
S-7	S-8	S-7	h1	6.75	24.92	12.46	84.11			97.46	
2712.57	2737.49	S-8	h1	6.75	24.92	12.46	84.11				
S-8	S-9	S-8	h1	6.75	25.94	12.97	87.55			168.22	
2737.49	2763.43	S-9	h1	7.74	25.94	12.97	100.39				
S-9	S-10	S-9	h1	7.74	17.30	8.65	66.95			187.94	
2763.43	2780.73	S-10	h1	5.26	17.30	8.65	45.50				
S-10	S-11	S-10	h1	5.26	6.39	3.19	16.78			112.45	
2780.73	2787.12	S-11	h1	4.83	6.39	3.19	15.41				
S-11	S-12	S-11	h1	4.83	24.76	12.38	59.80			32.19	
2787.12	2811.88	S-12	h1	3.76	24.76	12.38	46.55				
S-12	S-13	S-12	h1	3.76	24.77	12.38	46.55			106.35	
2811.88	2836.65	S-13	h1	3.76	24.77	12.38	46.55				
S-13	S-14	S-13	h1	3.76	24.63	12.32	46.32			93.10	
2836.65	2861.28	S-14	h1	10.02	24.63	12.32	123.45				
S-14	S-15	S-14	h1	10.02	24.65	12.32	123.45			169.77	
2861.28	2885.93	S-15	h1	10.02	24.65	12.32	123.45				
S-15	S-16	S-15	h1	10.02	24.88	12.44	124.65			246.90	
2885.93	2910.81	S-16	h1	10.02	24.88	12.44	124.65				
S-16	S-17	S-16	h1	10.02	24.30	12.15	121.74			249.30	
2910.81	2935.11	S-17	h1	10.02	24.30	12.15	121.74				
S-17	S-18	S-17	h1	10.02	25.91	12.95	129.76			243.48	
2935.11	2961.02	S-18	h1	10.02	25.91	12.95	129.76				
S-18	S-19	S-18	h1	10.02	21.73	10.87	108.92			259.52	
2961.02	2982.75	S-19	h1	10.02	21.73	10.87	108.92				
							A RIPORTARE mq	217.84		2790.59	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DI SUPERFICI										Foglio n. 24	
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			
							A RIPORTARE mq	217.84	2790.59		
								217.84	2790.59		
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO	2790.59		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DI SUPERFICI										Foglio n. 26	
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			
							A RIPORTARE mq	217.84	2790.59		
								217.84	2790.59		
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO	2790.59		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DI SUPERFICI										Foglio n. 28	
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq	217.84	2790.59		
								217.84			
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO	2790.59		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

<i>Rev</i> F0	<i>Data</i> 20/06/2011
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COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DI SUPERFICI										Foglio n. 29	
BONIFICA TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
S-1	S-2	S-1	p1	3.01	25.00	12.50	37.63				
2587.58	2612.58	S-2	p1	4.25	25.00	12.50	53.13	90.76			
S-2	S-3	S-2	p1	4.25	25.00	12.50	53.13	122.01			
2612.58	2637.58	S-3	p1	5.51	25.00	12.50	68.88	153.26			
S-3	S-4	S-3	p1	5.51	25.00	12.50	68.88	168.76			
2637.58	2662.58	S-4	p1	6.75	25.00	12.50	84.38	187.94			
S-4	S-5	S-4	p1	6.75	25.00	12.50	84.38	112.45			
2662.58	2687.58	S-5	p1	6.75	10.55	5.28	35.64	32.19			
S-5	S-6	S-5	p1	6.75	10.55	5.28	35.64	71.28			
2687.58	2698.13	S-6	p1	6.75	14.44	7.22	48.73	97.46			
S-6	S-7	S-6	p1	6.75	14.44	7.22	48.73	168.22			
2698.13	2712.57	S-7	p1	6.75	24.92	12.46	84.11	187.94			
S-7	S-8	S-7	p1	6.75	24.92	12.46	84.11	112.45			
2712.57	2737.49	S-8	p1	6.75	25.94	12.97	87.55	32.19			
S-8	S-9	S-8	p1	6.75	25.94	12.97	100.39	106.35			
2737.49	2763.43	S-9	p1	7.74	17.30	8.65	66.95	93.10			
S-9	S-10	S-9	p1	7.74	17.30	8.65	66.95	169.77			
2763.43	2780.73	S-10	p1	5.26	6.39	3.19	16.78	246.90			
S-10	S-11	S-10	p1	5.26	6.39	3.19	15.41	249.30			
2780.73	2787.12	S-11	p1	4.83	24.76	12.38	59.80	243.48			
S-11	S-12	S-11	p1	4.83	24.76	12.38	46.55	259.52			
2787.12	2811.88	S-12	p1	3.76	24.76	12.38	46.55				
S-12	S-13	S-12	p1	3.76	24.77	12.38	46.55				
2811.88	2836.65	S-13	p1	3.76	24.63	12.32	46.32				
S-13	S-14	S-13	p1	3.76	24.63	12.32	46.32				
2836.65	2861.28	S-14	p1	10.02	24.63	12.32	123.45				
S-14	S-15	S-14	p1	10.02	24.65	12.32	123.45				
2861.28	2885.93	S-15	p1	10.02	24.65	12.32	123.45				
S-15	S-16	S-15	p1	10.02	24.88	12.44	124.65				
2885.93	2910.81	S-16	p1	10.02	24.88	12.44	124.65				
S-16	S-17	S-16	p1	10.02	24.30	12.15	121.74				
2910.81	2935.11	S-17	p1	10.02	24.30	12.15	121.74				
S-17	S-18	S-17	p1	10.02	25.91	12.95	129.76				
2935.11	2961.02	S-18	p1	10.02	25.91	12.95	129.76				
S-18	S-19	S-18	p1	10.02	21.73	10.87	108.92				
2961.02	2982.75	S-19	p1	10.02	21.73	10.87	108.92				
A RIPORTARE mq							217.84	2790.59			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DI SUPERFICI										Foglio n. 30	
BONIFICA TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq	217.84	2790.59		
								217.84			
Il Direttore dei Lavori		L'Impresa						TOTALE ARTICOLO	2790.59		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DEI VOLUMI Foglio n. 31

Volume dalla sezione S-1 alla sezione S-19

ARTICOLO	VOLUME
STERRO	mc 3807.811
RIPORTO	mc 5.182
VEGETALE IN RILEVATO	mc 13.205
VEGETALE IN TRINCEA	mc 285.719
SEMINA	mq 933.28
USURA	mq 2790.59
BINDER	mq 2790.59
BASE	mq 2790.59
FONDAZIONE	mq 2790.59
BONIFICA TRINCEA	mq 2790.59

Nota : I valori di sterro e riporto calcolati si riferiscono ad un pacchetto di pavimentazione da 70 cm. Di seguito si riporta la tabella con il calcolo dei movimenti materia riferiti al pacchetto di pavimentazione di spessore 57 cm.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Modifica valori movimenti materia

Di seguito si riporta il calcolo per la determinazione dei valori di sterro e riporto riferiti al pacchetto di pavimentazione da 57 cm.

RIF.	ARTICOLO	SUPERFICIE (m ²)	Δh Pavimentazione (m)	VOLUME (m ³)	NOTE
A	STERRO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	3807,811	
B	RIPORTO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	5,182	
C	SUPERFICIE DI IMPOSTA CASSONETTO (Da computo computo sezioni trasversali)	2790,59	-	-	(1)
D	SUPERFICIE DI IMPOSTA CASSONETTO IN TRINCEA (Da computo computo sezioni trasversali)	2790,59	-	-	(2)
E	SUPERFICIE DI IMPOSTA CASSONETTO IN RILEVATO	0	-	-	(3)
F	VARIAZIONE STERRO (Per pavimentazione spessore = 57 cm)	2790,59	0,13	362,78	(4)
G	VARIAZIONE RIPORTO (Per pavimentazione spessore = 57 cm)	0	0,13	0,00	(5)
H	STERRO (Pavimentazione spessore = 57 cm)	-	-	3445,034	(6)
I	RIPORTO (Pavimentazione spessore = 57 cm)	-	-	5,182	(7)

Nota 1 : Il valore (C) è coincidente con la superficie dell'articolo di computo "Fondazione" (vedi tabella riassuntiva pagina precedente)

Nota 2 : Il valore (D) è coincidente con la superficie dell'articolo di computo "Bonifica trincea" (vedi tabella riassuntiva pagina precedente)

Nota 3 : Il valore (E) è determinato dalla differenza fra la superfici C - D

Nota 4 : Il valore (F) è il volume calcolato dal prodotto tra la superficie "D" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 5 : Il valore (G) è il volume calcolato dal prodotto tra la superficie "E" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm



Nota 6 : Il valore (H) è il volume totale di sterro calcolato come A-H

Nota 7 : Il valore (I) è il volume totale di riporto calcolato come B+G

TABELLA RIEPILOGATIVA COMPUTI

COLLEGAMENTI VERSANTE CALABRIA - RAMPA S

COMPUTO DEI VOLUMI		Foglio n.	31
Volume dalla sezione S-1 alla sezione S-19			
ARTICOLO			VOLUME
STERRO	mc	3445.034	
RIPORTO	mc	5.182	
VEGETALE IN RILEVATO	mc	13.205	
VEGETALE IN TRINCEA	mc	285.719	
SEMINA	mq	933.28	
USURA	mq	2790.59	
BINDER	mq	2790.59	
BASE	mq	2790.59	
FONDAZIONE	mq	2790.59	
BONIFICA TRINCEA	mq	2790.59	

		<p align="center">Ponte sullo Stretto di Messina PROGETTO DEFINITIVO</p>		
<p align="center">TABULATI MOVIMENTI MATERIA</p>	<p><i>Codice documento</i> CS0113_F0.doc</p>	<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>	

MOVIMENTI MATERIA ASSE T

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 1	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
T-1	S1	(-18.45-29.45)x(103.24+103.24)/2	1135.64		
2124.86		(-8.27-18.45)x(103.33+103.24)/2	1051.44		
		(-6.77-8.27)x(103.29+103.29)/2	154.94		
		(-6.30-6.77)x(103.33+103.29)/2	48.56		
		(-5.25-6.30)x(92.79+103.33)/2	102.96		
		(-4.42-5.25)x(92.79+92.79)/2	77.02		
		(-4.35-4.42)x(92.79+92.79)/2	6.50		
		(-4.20-4.35)x(92.52+92.79)/2	13.90		
		(-3.00-4.20)x(92.64+92.52)/2	111.10		
		(0.00-3.00)x(92.48+92.69)/2	277.76		
		(-6.75-0.00)x(92.25+91.78)/2	-621.10		
		(-7.77-6.75)x(92.55+92.55)/2	-94.40		
		(-9.08-7.77)x(92.70+92.70)/2	-121.44		
		(-17.83-9.08)x(97.70+92.70)/2	-833.00		
		(-19.83-17.83)x(97.70+97.70)/2	-195.40		
		(-29.45-19.83)x(103.24+97.70)/2	-966.52		
				147.96	
T-2	S1	(-9.70-30.33)x(103.35+103.49)/2	2133.55		
2155.31		(-9.36-9.70)x(103.35+103.35)/2	35.14		
		(-5.80-9.36)x(102.79+103.35)/2	366.93		
		(-4.74-5.80)x(92.24+102.79)/2	103.37		
		(-3.84-4.74)x(92.24+92.24)/2	83.02		
		(-3.69-3.84)x(91.97+92.24)/2	13.82		
		(-2.49-3.69)x(92.09+91.97)/2	110.44		
		(0.51-2.49)x(91.93+92.14)/2	276.11		
		(-6.24-0.51)x(91.70+91.22)/2	-617.36		
		(-7.27-6.24)x(92.00+92.00)/2	-94.76		
		(-8.57-7.27)x(92.15+92.15)/2	-119.80		
		(-17.32-8.57)x(97.15+92.15)/2	-828.19		
		(-19.32-17.32)x(97.15+97.15)/2	-194.30		
		(-30.33-19.32)x(103.49+97.15)/2	-1104.52		
				163.45	
T-3	S1	(-15.23-36.04)x(105.03+105.36)/2	2189.11		
2180.63		(-7.33-15.23)x(99.76+105.03)/2	808.92		
		(-6.93-7.33)x(99.76+99.76)/2	39.90		
		(-6.33-6.93)x(99.86+99.76)/2	59.89		
		(-4.83-6.33)x(99.86+99.86)/2	149.79		
		(-4.36-4.83)x(99.91+99.86)/2	46.95		
		(-3.54-4.36)x(91.73+99.91)/2	78.57		
		(-2.79-3.54)x(91.73+91.73)/2	68.80		
		(-2.64-2.79)x(91.73+91.73)/2	13.76		
		(-2.49-2.64)x(91.46+91.73)/2	13.74		
		(-1.29-2.49)x(91.58+91.46)/2	109.82		
		(1.71-1.29)x(91.42+91.63)/2	274.58		
		(-5.50-1.71)x(91.21+90.71)/2	-655.82		
		(-6.53-5.50)x(91.51+91.51)/2	-94.26		
		(-7.83-6.53)x(91.66+91.66)/2	-119.16		
		(-16.59-7.83)x(96.66+91.66)/2	-824.84		
		(-18.59-16.59)x(96.66+96.66)/2	-193.32		
		(-27.27-18.59)x(101.66+96.66)/2	-860.71		
		(-29.57-27.27)x(101.66+101.66)/2	-233.82		
		(-36.04-29.57)x(105.36+101.66)/2	-669.71		
				202.19	
A RIPORTARE mq					

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 2	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
T-4	S1	$(-6.52-5.93) \times (91.08+91.08) / 2$	-53.74		
2206.04		$(-7.84-6.52) \times (91.23+91.23) / 2$	-120.42		
		$(-14.73-7.84) \times (95.20+91.23) / 2$	-642.25		
		$(-9.00-14.73) \times (95.30+95.20) / 2$	545.78		
		$(-8.32-9.00) \times (95.61+95.30) / 2$	64.91		
		$(-5.93-8.32) \times (94.02+95.61) / 2$	226.61		
				20.89	
T-4	S2	$(-1.63-5.93) \times (91.15+94.02) / 2$	398.12		
2206.04		$(-0.88-1.63) \times (91.15+91.15) / 2$	68.36		
		$(-0.73-0.88) \times (91.15+91.15) / 2$	13.67		
		$(-0.58-0.73) \times (90.88+91.15) / 2$	13.65		
		$(0.62-0.58) \times (91.00+90.88) / 2$	109.13		
		$(3.63-0.62) \times (90.84+91.05) / 2$	273.74		
		$(-5.50-3.63) \times (90.78+90.14) / 2$	-825.90		
		$(-5.93-5.50) \times (91.08+91.08) / 2$	-39.16		
				11.61	
T-5	R1	$(-5.93-8.19) \times (90.24+90.00) / 2$	203.67		
2228.58		$(-6.36-5.93) \times (90.27+90.24) / 2$	-38.81		
		$(-5.90-6.36) \times (90.73+90.27) / 2$	41.63		
		$(-6.91-5.90) \times (90.73+90.73) / 2$	-91.64		
		$(-8.19-6.91) \times (90.00+90.73) / 2$	-115.67		
				0.82	
T-5	S1	$(-4.44-5.93) \times (90.40+90.24) / 2$	134.58		
2228.58		$(2.69-4.44) \times (90.48+90.40) / 2$	644.84		
		$(2.79-2.69) \times (90.43+90.48) / 2$	9.05		
		$(2.89-2.79) \times (90.44+90.43) / 2$	9.04		
		$(5.91-2.89) \times (90.22+90.44) / 2$	272.80		
		$(-5.50-5.91) \times (90.22+89.50) / 2$	-1025.30		
		$(-5.93-5.50) \times (90.24+90.22) / 2$	-38.80		
				6.21	
T-6	R1	$(-6.37-5.93) \times (89.36+89.34) / 2$	-39.31		
2260.19		$(-5.93-6.37) \times (89.81+89.36) / 2$	39.42		
		$(-6.91-5.93) \times (89.83+89.83) / 2$	-88.03		
		$(-15.66-6.91) \times (84.83+89.83) / 2$	-764.14		
		$(-17.66-15.66) \times (84.83+84.83) / 2$	-169.66		
		$(-23.55-17.66) \times (81.47+84.83) / 2$	-489.75		
		$(-16.03-23.55) \times (82.00+81.47) / 2$	614.65		
		$(-8.99-16.03) \times (81.94+82.00) / 2$	577.07		
		$(-5.93-8.99) \times (83.98+81.94) / 2$	253.86		
				65.89	
T-6	R2	$(-4.86-5.93) \times (84.69+83.98) / 2$	90.24		
2260.19		$(-2.86-4.86) \times (84.69+84.69) / 2$	169.38		
		$(4.22-2.86) \times (89.41+84.69) / 2$	616.31		
		$(4.29-4.22) \times (89.43+89.41) / 2$	6.26		
		$(2.41-4.29) \times (89.52+89.43) / 2$	-168.21		
		$(1.40-2.41) \times (89.52+89.52) / 2$	-90.42		
		$(1.93-1.40) \times (88.99+89.52) / 2$	47.31		
		$(1.00-1.93) \times (89.03+88.99) / 2$	-82.78		
		$(-5.50-1.00) \times (89.33+89.03) / 2$	-579.67		
		$(-5.93-5.50) \times (89.34+89.33) / 2$	-38.41		
				29.99	
A RIPORTARE mq					

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 3	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
P-6	R2	(-5.90—5.93)x(89.83+89.81)/2	2.69		
2260.19		(-5.93—5.90)x(89.83+89.83)/2	-2.69		
P-7	R1	(-25.99—27.74)x(78.94+78.87)/2	138.08		
2267.67		(-9.90—25.99)x(79.94+78.94)/2	1278.19		
		(-1.80—9.90)x(80.18+79.94)/2	648.49		
		(5.08—1.80)x(80.93+80.18)/2	554.22		
		(1.40—5.08)x(89.32+89.32)/2	-328.70		
		(1.93—1.40)x(88.79+89.32)/2	47.20		
		(1.00—1.93)x(88.83+88.79)/2	-82.59		
		(-5.50—1.00)x(89.12+88.83)/2	-578.34		
		(-6.37—5.50)x(89.16+89.12)/2	-77.55		
		(-5.90—6.37)x(89.63+89.16)/2	42.02		
		(-6.91—5.90)x(89.63+89.63)/2	-90.53		
		(-15.66—6.91)x(84.63+89.63)/2	-762.39		
		(-17.66—15.66)x(84.63+84.63)/2	-169.26		
		(-27.74—17.66)x(78.87+84.63)/2	-824.04		
				205.20	
P-10b	S1	(-28.49—34.38)x(86.04+85.16)/2	504.18		
2457.06		(-21.97—28.49)x(87.04+86.04)/2	564.24		
		(-15.58—21.97)x(88.04+87.04)/2	559.38		
		(-14.80—15.58)x(88.63+88.04)/2	68.90		
		(-9.47—14.80)x(89.04+88.63)/2	473.49		
		(-5.95—9.47)x(90.04+89.04)/2	315.18		
		(1.55—5.95)x(90.04+90.04)/2	675.30		
		(2.47—1.55)x(89.86+90.04)/2	82.75		
		(3.27—2.47)x(82.30+89.86)/2	68.86		
		(2.50—3.27)x(80.44+82.30)/2	-62.65		
		(-6.30—2.50)x(80.33+80.44)/2	-707.39		
		(-7.84—6.30)x(82.03+82.03)/2	-126.33		
		(-30.05—7.84)x(82.03+82.03)/2	-1821.89		
		(-30.30—30.05)x(84.65+82.03)/2	-20.84		
		(-32.25—30.30)x(84.65+84.65)/2	-165.07		
		(-33.49—32.25)x(84.65+84.65)/2	-104.97		
		(-34.38—33.49)x(85.16+84.65)/2	-75.57		
				227.57	
P-11	S1	(-28.49—34.38)x(86.04+85.16)/2	504.18		
2457.07		(-21.97—28.49)x(87.04+86.04)/2	564.24		
		(-15.58—21.97)x(88.04+87.04)/2	559.38		
		(-14.80—15.58)x(88.63+88.04)/2	68.90		
		(-9.47—14.80)x(89.04+88.63)/2	473.49		
		(-5.95—9.47)x(90.04+89.04)/2	315.18		
		(1.55—5.95)x(90.04+90.04)/2	675.30		
		(2.47—1.55)x(89.86+90.04)/2	82.75		
		(3.27—2.47)x(82.30+89.86)/2	68.86		
		(2.75—3.27)x(82.00+82.00)/2	-42.64		
		(2.41—2.75)x(82.19+82.00)/2	-27.91		
		(1.40—2.41)x(82.19+82.19)/2	-83.01		
		(1.89—1.40)x(81.71+82.19)/2	40.16		
		(1.00—1.89)x(81.69+81.71)/2	-72.71		
		(-5.50—1.00)x(81.58+81.69)/2	-530.63		
A RIPORTARE mq			2595.54		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				2595,54		
			$(-6.52-5.50) \times (81.88+81.88) / 2$	-83.52		
			$(-7.84-6.52) \times (82.03+82.03) / 2$	-108.28		
			$(-30.04-7.84) \times (82.03+82.03) / 2$	-1821.07		
			$(-30.30-30.04) \times (84.65+82.03) / 2$	-21.67		
			$(-33.49-30.30) \times (84.65+84.65) / 2$	-270.03		
			$(-34.38-33.49) \times (85.16+84.65) / 2$	-75.57		
					215,40	
T-12	S1		$(-28.03-34.17) \times (90.00+89.21) / 2$	550.17		
2463.32			$(-22.38-28.03) \times (91.00+90.00) / 2$	511.33		
			$(-17.44-22.38) \times (92.00+91.00) / 2$	452.01		
			$(-16.32-17.44) \times (92.30+92.00) / 2$	103.21		
			$(-10.93-16.32) \times (93.00+92.30) / 2$	499.38		
			$(-7.51-10.93) \times (93.00+93.00) / 2$	318.06		
			$(-6.89-7.51) \times (92.37+93.00) / 2$	57.46		
			$(-6.39-6.89) \times (92.37+92.37) / 2$	46.19		
			$(-5.89-6.39) \times (92.87+92.37) / 2$	46.31		
			$(-4.80-5.89) \times (92.87+92.87) / 2$	101.23		
			$(-0.36-4.80) \times (89.91+92.87) / 2$	405.77		
			$(0.14-0.36) \times (89.91+89.91) / 2$	44.95		
			$(0.62-0.14) \times (90.02+89.91) / 2$	43.18		
			$(2.12-0.62) \times (90.02+90.02) / 2$	135.03		
			$(2.59-2.12) \times (90.07+90.02) / 2$	42.32		
			$(3.39-2.59) \times (82.02+90.07) / 2$	68.84		
			$(4.14-3.39) \times (82.02+82.02) / 2$	61.51		
			$(2.81-4.14) \times (81.72+81.72) / 2$	-108.69		
			$(2.41-2.81) \times (81.96+81.72) / 2$	-32.74		
			$(1.40-2.41) \times (81.96+81.96) / 2$	-82.78		
			$(1.89-1.40) \times (81.47+81.96) / 2$	40.04		
			$(1.00-1.89) \times (81.45+81.47) / 2$	-72.50		
			$(-5.55-1.00) \times (81.32+81.45) / 2$	-533.07		
			$(-6.58-5.55) \times (81.62+81.62) / 2$	-84.07		
			$(-29.82-6.58) \times (81.77+81.77) / 2$	-1900.33		
			$(-30.54-29.82) \times (88.96+81.77) / 2$	-61.46		
			$(-33.73-30.54) \times (88.96+88.96) / 2$	-283.78		
			$(-34.17-33.73) \times (89.21+88.96) / 2$	-39.20		
					328,37	
T-13	S1		$(-40.33-40.98) \times (94.00+93.65) / 2$	60.99		
2472.88			$(-37.53-40.33) \times (95.00+94.00) / 2$	264.60		
			$(-32.25-37.53) \times (96.00+95.00) / 2$	504.24		
			$(-31.35-32.25) \times (96.34+96.00) / 2$	86.55		
			$(-29.79-31.35) \times (96.50+96.34) / 2$	150.42		
			$(-24.58-29.79) \times (96.50+96.50) / 2$	502.77		
			$(-17.72-24.58) \times (96.64+96.50) / 2$	662.47		
			$(-16.72-17.72) \times (96.00+96.64) / 2$	96.32		
			$(-11.90-16.72) \times (96.16+96.00) / 2$	463.11		
			$(-7.16-11.90) \times (92.43+96.16) / 2$	446.96		
			$(-6.95-7.16) \times (92.43+92.43) / 2$	19.41		
			$(-6.45-6.95) \times (91.93+92.43) / 2$	46.09		
			$(-5.95-6.45) \times (91.93+91.93) / 2$	45.97		
			$(-5.45-5.95) \times (92.43+91.93) / 2$	46.09		
			$(-4.36-5.45) \times (92.43+92.43) / 2$	100.75		
A RIPORTARE mq				3496,74		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

CALCOLO DELLE AREE		Foglio n. 5	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG. ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq
	RIPORTO mq		3496.74
	$(0.08-4.36) \times (89.47+92.43) / 2$	403.82	
	$(0.58-0.08) \times (89.47+89.47) / 2$	44.73	
	$(1.06-0.58) \times (89.58+89.47) / 2$	42.97	
	$(2.56-1.06) \times (89.58+89.58) / 2$	134.37	
	$(3.03-2.56) \times (89.63+89.58) / 2$	42.11	
	$(3.83-3.03) \times (81.58+89.63) / 2$	68.48	
	$(4.58-3.83) \times (81.58+81.58) / 2$	61.19	
	$(4.61-4.58) \times (81.58+81.58) / 2$	2.45	
	$(3.00-4.61) \times (81.28+81.28) / 2$	-130.86	
	$(2.42-3.00) \times (81.61+81.28) / 2$	-47.24	
	$(1.41-2.42) \times (81.61+81.61) / 2$	-82.43	
	$(1.90-1.41) \times (81.13+81.61) / 2$	39.87	
	$(1.01-1.90) \times (81.10+81.13) / 2$	-72.19	
	$(-6.80-1.01) \times (80.91+81.10) / 2$	-632.65	
	$(-7.83-6.80) \times (81.21+81.21) / 2$	-83.65	
	$(-8.83-7.83) \times (81.36+81.36) / 2$	-81.36	
	$(-29.53-8.83) \times (81.36+81.36) / 2$	-1684.15	
	$(-30.62-29.53) \times (92.20+81.36) / 2$	-94.59	
	$(-33.81-30.62) \times (92.20+92.20) / 2$	-294.12	
	$(-36.35-33.81) \times (93.65+92.20) / 2$	-236.03	
	$(-40.98-36.35) \times (93.65+93.65) / 2$	-433.60	
			463.86
T-14	S1 $(-41.88-43.29) \times (96.00+95.40) / 2$	134.94	
2486.67	$(-41.17-41.88) \times (96.34+96.00) / 2$	68.28	
	$(-41.03-41.17) \times (96.50+96.34) / 2$	13.50	
	$(-37.11-41.03) \times (96.58+96.50) / 2$	378.44	
	$(-17.67-37.11) \times (96.50+96.58) / 2$	1876.74	
	$(-16.80-17.67) \times (97.09+96.50) / 2$	84.21	
	$(-12.99-16.80) \times (96.06+97.09) / 2$	367.95	
	$(-12.42-12.99) \times (96.06+96.06) / 2$	54.75	
	$(-11.92-12.42) \times (95.56+96.06) / 2$	47.91	
	$(-11.42-11.92) \times (95.56+95.56) / 2$	47.78	
	$(-10.92-11.42) \times (96.06+95.56) / 2$	47.91	
	$(-10.70-10.92) \times (96.06+96.06) / 2$	21.13	
	$(-9.55-10.70) \times (96.05+96.06) / 2$	110.46	
	$(-6.10-9.55) \times (93.75+96.05) / 2$	327.41	
	$(-4.10-6.10) \times (93.75+93.75) / 2$	187.50	
	$(3.40-4.10) \times (88.75+93.75) / 2$	684.38	
	$(3.90-3.40) \times (88.75+88.75) / 2$	44.38	
	$(4.38-3.90) \times (88.86+88.75) / 2$	42.63	
	$(5.88-4.38) \times (88.86+88.86) / 2$	133.29	
	$(6.34-5.88) \times (88.91+88.86) / 2$	40.89	
	$(7.15-6.34) \times (80.86+88.91) / 2$	68.76	
	$(7.86-7.15) \times (80.86+80.86) / 2$	57.41	
	$(3.51-7.86) \times (80.56+80.56) / 2$	-350.44	
	$(2.48-3.51) \times (81.14+80.56) / 2$	-83.28	
	$(1.47-2.48) \times (81.14+81.14) / 2$	-81.95	
	$(1.96-1.47) \times (80.66+81.14) / 2$	39.64	
	$(1.07-1.96) \times (80.64+80.66) / 2$	-71.78	
	$(-9.19-1.07) \times (80.38+80.64) / 2$	-826.03	
	$(-10.22-9.19) \times (80.68+80.68) / 2$	-83.10	
	A RIPORTARE mq		3383.71

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 6	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			3383.71		
		$(-10.21-10.22) \times (80.83+80.68) / 2$	0.81		
		$(-11.21-10.21) \times (80.83+80.83) / 2$	-80.83		
		$(-28.09-11.21) \times (80.83+80.83) / 2$	-1364.41		
		$(-29.14-28.09) \times (91.37+80.83) / 2$	-90.41		
		$(-32.33-29.14) \times (91.37+91.37) / 2$	-291.47		
		$(-39.39-32.33) \times (95.40+91.37) / 2$	-659.30		
		$(-43.29-39.39) \times (95.40+95.40) / 2$	-372.06		
				526.04	
T-15	S1	$(-36.43-38.62) \times (96.83+96.85) / 2$	212.08		
2512.44		$(-18.86-36.43) \times (96.50+96.83) / 2$	1698.40		
		$(-15.31-18.86) \times (96.00+96.50) / 2$	341.69		
		$(-12.97-15.31) \times (95.72+96.00) / 2$	224.31		
		$(-10.42-12.97) \times (96.28+95.72) / 2$	244.80		
		$(-8.49-10.42) \times (95.22+96.28) / 2$	184.80		
		$(-8.28-8.49) \times (95.22+95.22) / 2$	20.00		
		$(-7.78-8.28) \times (94.72+95.22) / 2$	47.48		
		$(-7.28-7.78) \times (94.72+94.72) / 2$	47.36		
		$(-6.78-7.28) \times (95.22+94.72) / 2$	47.48		
		$(-6.57-6.78) \times (95.22+95.22) / 2$	20.00		
		$(-5.78-6.57) \times (95.20+95.22) / 2$	75.22		
		$(-1.98-5.78) \times (92.67+95.20) / 2$	356.95		
		$(0.02-1.98) \times (92.67+92.67) / 2$	185.34		
		$(7.52-0.02) \times (87.67+92.67) / 2$	676.27		
		$(8.02-7.52) \times (87.67+87.67) / 2$	43.84		
		$(8.50-8.02) \times (87.78+87.67) / 2$	42.11		
		$(10.00-8.50) \times (87.78+87.78) / 2$	131.67		
		$(10.47-10.00) \times (87.82+87.78) / 2$	41.27		
		$(11.27-10.47) \times (79.78+87.82) / 2$	67.04		
		$(12.02-11.27) \times (79.78+79.78) / 2$	59.84		
		$(12.03-12.02) \times (79.78+79.78) / 2$	0.80		
		$(9.15-12.03) \times (79.48+79.48) / 2$	-228.90		
		$(7.39-9.15) \times (80.48+79.48) / 2$	-140.76		
		$(6.38-7.39) \times (80.48+80.48) / 2$	-81.28		
		$(6.86-6.38) \times (80.00+80.48) / 2$	38.52		
		$(5.98-6.86) \times (79.98+80.00) / 2$	-70.39		
		$(-20.34-5.98) \times (79.32+79.98) / 2$	-2096.39		
		$(-21.37-20.34) \times (79.62+79.62) / 2$	-82.01		
		$(-22.37-21.37) \times (80.07+80.07) / 2$	-80.07		
		$(-23.36-22.37) \times (89.95+80.07) / 2$	-84.16		
		$(-26.55-23.36) \times (89.95+89.95) / 2$	-286.94		
		$(-38.62-26.55) \times (96.85+89.95) / 2$	-1127.34		
				529.03	
T-16	S1	$(-22.64-33.25) \times (88.00+88.90) / 2$	938.45		
2537.59		$(-14.83-22.64) \times (87.00+88.00) / 2$	683.38		
		$(-10.99-14.83) \times (86.00+87.00) / 2$	332.16		
		$(-10.62-10.99) \times (86.04+86.00) / 2$	31.83		
		$(-4.71-10.62) \times (86.00+86.04) / 2$	508.38		
		$(2.68-4.71) \times (86.00+86.00) / 2$	635.54		
		$(3.06-2.68) \times (86.00+86.00) / 2$	32.68		
		$(4.67-3.06) \times (86.00+86.00) / 2$	138.46		
		$(5.03-4.67) \times (86.00+86.00) / 2$	30.96		
A RIPORTARE mq			3331.84		

TABULATI MOVIMENTI MATERIA

Codice documento
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Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

CALCOLO DELLE AREE		Foglio n. 7	
STERRI E RIPORTI			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		AREA ELEMENTARE mq	AREA FIGURA mq
		RIPORTO mq	3331.84
		(5.79-5.03)x(86.84+86.00)/2	65.68
		(6.86-5.79)x(87.00+86.84)/2	93.00
		(7.05-6.86)x(87.00+87.00)/2	16.53
		(8.01-7.05)x(86.36+87.00)/2	83.21
		(8.51-8.01)x(86.36+86.36)/2	43.18
		(8.99-8.51)x(86.47+86.36)/2	41.48
		(10.49-8.99)x(86.47+86.47)/2	129.70
		(10.96-10.49)x(86.51+86.47)/2	40.65
		(11.76-10.96)x(78.47+86.51)/2	65.99
		(12.51-11.76)x(78.47+78.47)/2	58.85
		(10.14-12.51)x(78.17+78.17)/2	-185.26
		(7.41-10.14)x(79.73+78.17)/2	-215.53
		(6.40-7.41)x(79.73+79.73)/2	-80.53
		(6.88-6.40)x(79.25+79.73)/2	38.16
		(6.00-6.88)x(79.22+79.25)/2	-69.73
		(-20.50-6.00)x(78.56+79.22)/2	-2090.59
		(-21.53-20.50)x(78.86+78.86)/2	-81.23
		(-22.53-21.53)x(79.31+79.31)/2	-79.31
		(-23.08-22.53)x(84.91+79.31)/2	-45.16
		(-26.28-23.08)x(84.91+84.91)/2	-271.71
		(-33.25-26.28)x(88.90+84.91)/2	-605.73
			283.49
T-17	R1	(-20.50-2.80)x(77.64+78.22)/2	-1815.77
2566.03		(-21.52-20.50)x(77.89+77.89)/2	-79.45
		(-23.13-21.52)x(78.39+78.39)/2	-126.21
		(-24.02-23.13)x(78.39+78.39)/2	-69.77
		(-23.43-24.02)x(77.00+76.93)/2	45.41
		(-19.69-23.43)x(77.00+77.00)/2	287.98
		(-14.81-19.69)x(76.00+77.00)/2	373.32
		(-12.42-14.81)x(75.00+76.00)/2	180.45
		(-11.55-12.42)x(74.59+75.00)/2	65.07
		(-3.33-11.55)x(75.00+74.59)/2	614.81
		(2.80-3.33)x(75.00+75.00)/2	459.75
			64.41
T-17	R2	(7.41-9.02)x(78.80+77.89)/2	-126.14
2566.03		(6.40-7.41)x(78.80+78.80)/2	-79.59
		(6.88-6.40)x(78.32+78.80)/2	37.71
		(6.00-6.88)x(78.30+78.32)/2	-68.91
		(2.80-6.00)x(78.22+78.30)/2	-250.43
		(4.83-2.80)x(75.00+75.00)/2	152.25
		(6.08-4.83)x(75.09+75.00)/2	93.81
		(6.30-6.08)x(75.09+75.09)/2	16.52
		(6.80-6.30)x(74.59+75.09)/2	37.42
		(7.30-6.80)x(74.59+74.59)/2	37.30
		(7.80-7.30)x(75.09+74.59)/2	37.42
		(9.02-7.80)x(75.09+75.09)/2	91.61
			21.03
T-17	R3	(10.14-9.02)x(75.09+75.09)/2	84.10
2566.03		(12.68-10.14)x(76.78+75.09)/2	192.87
		(10.95-12.68)x(76.78+76.78)/2	-132.83
		(9.02-10.95)x(77.89+76.78)/2	-149.26
		A RIPORTARE mq	5.12

TABULATI MOVIMENTI MATERIA

Codice documento

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Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTIO mq				5.12		
					5.12	
T-18	S1		(-37.21—45.47)x(93.00+93.00)/2	768.18		
2587.58			(-32.05—37.21)x(92.00+93.00)/2	477.30		
			(-31.73—32.05)x(92.49+92.00)/2	29.52		
			(-30.92—31.73)x(91.00+92.49)/2	74.31		
			(-29.87—30.92)x(90.00+91.00)/2	95.03		
			(-28.38—29.87)x(89.00+90.00)/2	133.36		
			(-27.70—28.38)x(88.91+89.00)/2	60.49		
			(-24.42—27.70)x(88.00+88.91)/2	290.13		
			(-23.03—24.42)x(87.00+88.00)/2	121.63		
			(-21.01—23.03)x(87.00+87.00)/2	175.74		
			(-15.73—21.01)x(87.00+87.00)/2	459.36		
			(-14.28—15.73)x(86.00+87.00)/2	125.43		
			(-11.96—14.28)x(85.00+86.00)/2	198.36		
			(-10.02—11.96)x(84.00+85.00)/2	163.93		
			(-6.80—10.02)x(83.00+84.00)/2	268.87		
			(-4.98—6.80)x(82.00+83.00)/2	150.15		
			(-3.36—4.98)x(81.00+82.00)/2	132.03		
			(-2.41—3.36)x(80.00+81.00)/2	76.47		
			(-1.43—2.41)x(79.00+80.00)/2	77.91		
			(1.88—1.43)x(78.00+79.00)/2	259.83		
			(2.80—1.88)x(77.47+78.00)/2	71.52		
			(-20.50—2.80)x(76.88+77.47)/2	-1798.18		
			(-21.53—20.50)x(77.18+77.18)/2	-79.50		
			(-22.53—21.53)x(77.63+77.63)/2	-77.63		
			(-23.08—22.53)x(83.17+77.63)/2	-44.22		
			(-26.27—23.08)x(83.17+83.17)/2	-265.31		
			(-35.02—26.27)x(88.17+83.17)/2	-749.61		
			(-37.02—35.02)x(88.17+88.17)/2	-176.34		
			(-45.47—37.02)x(93.00+88.17)/2	-765.44		
					253.32	
T-18	R1		(3.59—2.80)x(77.00+77.47)/2	61.02		
2587.58			(8.59—3.59)x(77.00+77.00)/2	385.00		
			(9.02—8.59)x(77.13+77.00)/2	33.14		
			(7.41—9.02)x(78.05+77.13)/2	-124.92		
			(6.40—7.41)x(78.05+78.05)/2	-78.83		
			(6.88—6.40)x(77.57+78.05)/2	37.35		
			(6.00—6.88)x(77.55+77.57)/2	-68.25		
			(2.80—6.00)x(77.47+77.55)/2	-248.03		
					3.52	
T-18	S2		(10.73—9.02)x(77.66+77.13)/2	132.35		
2587.58			(12.86—10.73)x(76.24+77.66)/2	163.90		
			(13.59—12.86)x(76.24+76.24)/2	55.66		
			(11.10—13.59)x(75.94+75.94)/2	-189.09		
			(9.02—11.10)x(77.13+75.94)/2	-159.19		
					3.63	
T-19	S1		(-20.50—2.80)x(76.01+76.59)/2	-1777.79		
2612.58			(-21.52—20.50)x(76.31+76.31)/2	-77.84		
			(-22.53—21.52)x(76.76+76.76)/2	-77.53		
			(-23.61—22.53)x(87.61+76.76)/2	-88.76		
			(-26.80—23.61)x(87.61+87.61)/2	-279.48		
A RIPORTARE mq				-2301.40		

TABULATI MOVIMENTI MATERIA

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Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				-2301.40		
			$(-34.36-26.80) \times (91.93+87.61) / 2$	-678.66		
			$(-17.72-34.36) \times (91.29+91.93) / 2$	1524.39		
			$(-17.54-17.72) \times (91.00+91.29) / 2$	16.41		
			$(-15.75-17.54) \times (90.00+91.00) / 2$	161.99		
			$(-13.19-15.75) \times (89.06+90.00) / 2$	229.20		
			$(-11.18-13.19) \times (88.92+89.06) / 2$	178.87		
			$(-5.59-11.18) \times (85.20+88.92) / 2$	486.67		
			$(-3.59-5.59) \times (85.20+85.20) / 2$	170.40		
			$(2.80-3.59) \times (80.94+85.20) / 2$	530.82		
					318.69	
T-19	S2		$(7.42-9.02) \times (77.18+76.26) / 2$	-122.75		
2612.58			$(6.40-7.42) \times (77.18+77.18) / 2$	-78.72		
			$(6.88-6.40) \times (76.69+77.18) / 2$	36.93		
			$(6.00-6.88) \times (76.67+76.69) / 2$	-67.48		
			$(2.80-6.00) \times (76.59+76.67) / 2$	-245.22		
			$(3.91-2.80) \times (80.20+80.94) / 2$	89.43		
			$(5.91-3.91) \times (80.20+80.20) / 2$	160.40		
			$(9.02-5.91) \times (78.12+80.20) / 2$	246.19		
					18.78	
T-19	S3		$(12.88-9.02) \times (75.55+78.12) / 2$	296.58		
2612.58			$(11.55-12.88) \times (74.82+74.82) / 2$	-99.51		
			$(9.02-11.55) \times (76.26+74.82) / 2$	-191.12		
					5.95	
T-20	S1		$(-34.38-35.78) \times (91.66+91.86) / 2$	128.46		
2637.59			$(-33.63-34.38) \times (91.00+91.66) / 2$	68.50		
			$(-31.83-33.63) \times (90.23+91.00) / 2$	163.11		
			$(-31.22-31.83) \times (90.00+90.23) / 2$	54.97		
			$(-17.20-31.22) \times (89.37+90.00) / 2$	1257.38		
			$(-15.23-17.20) \times (88.51+89.37) / 2$	175.21		
			$(-14.43-15.23) \times (87.71+88.51) / 2$	70.49		
			$(-13.63-14.43) \times (87.71+87.71) / 2$	70.17		
			$(-12.83-13.63) \times (88.51+87.71) / 2$	70.49		
			$(-12.61-12.83) \times (88.51+88.51) / 2$	19.47		
			$(-11.41-12.61) \times (88.40+88.51) / 2$	106.15		
			$(-5.04-11.41) \times (84.15+88.40) / 2$	549.57		
			$(-3.04-5.04) \times (84.15+84.15) / 2$	168.30		
			$(4.46-3.04) \times (79.15+84.15) / 2$	612.38		
			$(6.46-4.46) \times (79.15+79.15) / 2$	158.30		
			$(12.18-6.46) \times (75.34+79.15) / 2$	441.84		
			$(11.89-12.18) \times (73.75+73.75) / 2$	-21.39		
			$(7.42-11.89) \times (76.30+73.75) / 2$	-335.36		
			$(6.40-7.42) \times (76.30+76.30) / 2$	-77.83		
			$(6.88-6.40) \times (75.82+76.30) / 2$	36.51		
			$(6.00-6.88) \times (75.80+75.82) / 2$	-66.71		
			$(-20.50-6.00) \times (75.13+75.80) / 2$	-1999.82		
			$(-21.53-20.50) \times (75.43+75.43) / 2$	-77.69		
			$(-22.53-21.53) \times (75.88+75.88) / 2$	-75.88		
			$(-23.61-22.53) \times (86.73+75.88) / 2$	-87.81		
			$(-26.80-23.61) \times (86.73+86.73) / 2$	-276.67		
			$(-35.78-26.80) \times (91.86+86.73) / 2$	-801.87		
					330.27	
A RIPORTARE mq						

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev F0
Data 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 10	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq		
P-21	S1	(-35.26—42.36)x(93.56+93.49)/2	664.03		
2662.60		(-34.71—35.26)x(93.00+93.56)/2	51.30		
		(-33.08—34.71)x(92.00+93.00)/2	150.78		
		(-31.83—33.08)x(91.00+92.00)/2	114.38		
		(-31.31—31.83)x(90.32+91.00)/2	47.14		
		(-29.84—31.31)x(90.00+90.32)/2	132.54		
		(-18.39—29.84)x(89.59+90.00)/2	1028.15		
		(-15.01—18.39)x(87.81+89.59)/2	299.81		
		(-14.80—15.01)x(87.81+87.81)/2	18.44		
		(-14.00—14.80)x(87.01+87.81)/2	69.93		
		(-13.20—14.00)x(87.01+87.01)/2	69.61		
		(-12.40—13.20)x(87.81+87.01)/2	69.93		
		(-12.19—12.40)x(87.81+87.81)/2	18.44		
		(-11.00—12.19)x(87.45+87.81)/2	104.28		
		(-4.49—11.00)x(83.11+87.45)/2	555.17		
		(-2.49—4.49)x(83.11+83.11)/2	166.22		
		(5.01—2.49)x(78.11+83.11)/2	604.58		
		(7.01—5.01)x(78.11+78.11)/2	156.22		
		(11.58—7.01)x(75.07+78.11)/2	350.02		
		(11.36—11.58)x(72.67+72.67)/2	-15.99		
		(7.41—11.36)x(75.31+72.67)/2	-292.26		
		(6.40—7.41)x(75.31+75.31)/2	-76.06		
		(6.88—6.40)x(74.82+75.31)/2	36.03		
		(6.00—6.88)x(74.80+74.82)/2	-65.83		
		(-20.50—6.00)x(74.14+74.80)/2	-1973.45		
		(-21.52—20.50)x(74.44+74.44)/2	-75.93		
		(-22.53—21.52)x(74.89+74.89)/2	-75.64		
		(-23.61—22.53)x(85.74+74.89)/2	-86.74		
		(-26.80—23.61)x(85.74+85.74)/2	-273.51		
		(-35.55—26.80)x(90.74+85.74)/2	-772.10		
		(-37.55—35.55)x(90.74+90.74)/2	-181.48		
		(-42.36—37.55)x(93.49+90.74)/2	-443.07		
				374.94	
P-22	S1	(-20.34—32.01)x(87.00+87.87)/2	1020.37		
2687.56		(-16.30—20.34)x(86.94+87.00)/2	351.36		
		(-12.58—16.30)x(85.31+86.94)/2	320.39		
		(-12.36—12.58)x(85.31+85.31)/2	18.77		
		(-11.56—12.36)x(84.51+85.31)/2	67.93		
		(-10.76—11.56)x(84.51+84.51)/2	67.61		
		(-9.96—10.76)x(85.31+84.51)/2	67.93		
		(-9.75—9.96)x(85.31+85.31)/2	17.92		
		(-8.96—9.75)x(85.23+85.31)/2	67.36		
		(-4.27—8.96)x(82.10+85.23)/2	392.39		
		(-2.27—4.27)x(82.10+82.10)/2	164.20		
		(5.23—2.27)x(77.10+82.10)/2	597.00		
		(7.23—5.23)x(77.10+77.10)/2	154.20		
		(11.73—7.23)x(74.10+77.10)/2	340.20		
		(7.88—11.73)x(71.66+71.66)/2	-275.89		
		(4.38—7.88)x(73.66+71.66)/2	-254.31		
		(3.33—4.38)x(73.66+73.66)/2	-77.34		
		(3.82—3.33)x(73.17+73.66)/2	35.97		
A RIPORTARE mq			3076.06		

TABULATI MOVIMENTI MATERIA

Codice documento

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20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 11	
STERRI E RIPORTI					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
			RIPORTO mq	3076.06	
		$(2.93-3.82) \times (73.15+73.17) / 2$	-65.11		
		$(-10.06-2.93) \times (72.83+73.15) / 2$	-948.14		
		$(-11.08-10.06) \times (73.13+73.13) / 2$	-74.59		
		$(-21.68-11.08) \times (73.28+73.28) / 2$	-776.77		
		$(-22.79-21.68) \times (84.43+73.28) / 2$	-87.53		
		$(-25.98-22.79) \times (84.43+84.43) / 2$	-269.33		
		$(-32.01-25.98) \times (87.87+84.43) / 2$	-519.48		
				335.11	
I-23	S1	$(-27.35-31.26) \times (87.30+87.41) / 2$	341.56		
2698.16		$(-26.24-27.35) \times (87.00+87.30) / 2$	96.74		
		$(-23.42-26.24) \times (86.00+87.00) / 2$	243.93		
		$(-22.24-23.42) \times (85.00+86.00) / 2$	100.89		
		$(-20.60-22.24) \times (84.00+85.00) / 2$	138.58		
		$(-19.71-20.60) \times (83.89+84.00) / 2$	74.71		
		$(-8.04-19.71) \times (83.91+83.89) / 2$	979.11		
		$(-4.72-8.04) \times (81.70+83.91) / 2$	274.91		
		$(-2.72-4.72) \times (81.70+81.70) / 2$	163.40		
		$(4.78-2.72) \times (76.70+81.70) / 2$	594.00		
		$(6.78-4.78) \times (76.70+76.70) / 2$	153.40		
		$(11.27-6.78) \times (73.71+76.70) / 2$	337.67		
		$(5.65-11.27) \times (71.24+71.24) / 2$	-400.37		
		$(2.87-5.65) \times (72.82+71.24) / 2$	-200.24		
		$(1.85-2.87) \times (72.82+72.82) / 2$	-74.28		
		$(2.34-1.85) \times (72.34+72.82) / 2$	35.56		
		$(1.45-2.34) \times (72.32+72.34) / 2$	-64.37		
		$(-5.49-1.45) \times (72.15+72.32) / 2$	-501.31		
		$(-6.51-5.49) \times (72.45+72.45) / 2$	-73.90		
		$(-22.21-6.51) \times (72.60+72.60) / 2$	-1139.82		
		$(-23.42-22.21) \times (84.76+72.60) / 2$	-95.20		
		$(-26.61-23.42) \times (84.76+84.76) / 2$	-270.38		
		$(-31.26-26.61) \times (87.41+84.76) / 2$	-400.30		
				314.29	
I-24	S1	$(-17.91-31.03) \times (83.26+83.23) / 2$	1092.17		
2712.66		$(-12.67-17.91) \times (83.15+83.26) / 2$	435.99		
		$(-12.46-12.67) \times (83.15+83.15) / 2$	17.46		
		$(-11.66-12.46) \times (82.35+83.15) / 2$	66.20		
		$(-10.86-11.66) \times (82.35+82.35) / 2$	65.88		
		$(-10.06-10.86) \times (83.15+82.35) / 2$	66.20		
		$(-9.84-10.06) \times (83.15+83.15) / 2$	18.29		
		$(-9.05-9.84) \times (83.06+83.15) / 2$	65.65		
		$(-6.15-9.05) \times (81.13+83.06) / 2$	238.08		
		$(-4.15-6.15) \times (81.13+81.13) / 2$	162.26		
		$(3.35-4.15) \times (76.13+81.13) / 2$	589.72		
		$(5.35-3.35) \times (76.13+76.13) / 2$	152.26		
		$(9.80-5.35) \times (73.16+76.13) / 2$	332.17		
		$(4.29-9.80) \times (70.66+70.66) / 2$	-389.34		
		$(2.42-4.29) \times (71.73+70.66) / 2$	-133.13		
		$(1.40-2.42) \times (71.73+71.73) / 2$	-73.16		
		$(1.88-1.40) \times (71.24+71.73) / 2$	34.31		
		$(1.00-1.88) \times (71.22+71.24) / 2$	-62.68		
		$(-5.50-1.00) \times (71.06+71.22) / 2$	-462.41		
			A RIPORTARE mq	2215.92	

TABULATI MOVIMENTI MATERIA

Codice documento

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Rev

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Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				2215.92		
			$(-6.53-5.50) \times (71.36+71.36) / 2$	-73.50		
			$(-7.84-6.53) \times (71.51+71.51) / 2$	-93.68		
			$(-13.92-7.84) \times (71.51+71.51) / 2$	-434.78		
			$(-14.44-13.92) \times (76.71+71.51) / 2$	-38.54		
			$(-17.63-14.44) \times (76.71+76.71) / 2$	-244.70		
			$(-26.38-17.63) \times (81.71+76.71) / 2$	-693.09		
			$(-28.38-26.38) \times (81.71+81.71) / 2$	-163.42		
			$(-31.03-28.38) \times (83.23+81.71) / 2$	-218.55		
					255.66	
P-25	S1		$(-35.49-36.90) \times (80.17+80.16) / 2$	113.03		
2737.75			$(-32.39-35.49) \times (81.00+80.17) / 2$	249.81		
			$(-30.64-32.39) \times (82.00+81.00) / 2$	142.63		
			$(-29.86-30.64) \times (82.01+82.00) / 2$	63.96		
			$(-22.62-29.86) \times (82.12+82.01) / 2$	594.15		
			$(-19.23-22.62) \times (81.43+82.12) / 2$	277.22		
			$(-19.02-19.23) \times (81.43+81.43) / 2$	17.10		
			$(-18.22-19.02) \times (80.63+81.43) / 2$	64.82		
			$(-17.42-18.22) \times (80.63+80.63) / 2$	64.50		
			$(-16.62-17.42) \times (81.43+80.63) / 2$	64.82		
			$(-16.41-16.62) \times (81.43+81.43) / 2$	17.10		
			$(-15.62-16.41) \times (81.34+81.43) / 2$	64.29		
			$(-13.56-15.62) \times (79.97+81.34) / 2$	166.15		
			$(-11.56-13.56) \times (79.97+79.97) / 2$	159.94		
			$(-4.06-11.56) \times (74.97+79.97) / 2$	581.03		
			$(-2.06-4.06) \times (74.97+74.97) / 2$	149.94		
			$(5.44-2.06) \times (69.97+74.97) / 2$	543.52		
			$(5.92-5.44) \times (69.97+69.97) / 2$	33.59		
			$(2.85-5.92) \times (69.60+69.60) / 2$	-213.67		
			$(2.42-2.85) \times (69.84+69.60) / 2$	-29.98		
			$(1.40-2.42) \times (69.84+69.84) / 2$	-71.24		
			$(1.88-1.40) \times (69.36+69.84) / 2$	33.41		
			$(1.00-1.88) \times (69.34+69.36) / 2$	-61.03		
			$(-5.50-1.00) \times (69.18+69.34) / 2$	-450.19		
			$(-6.53-5.50) \times (69.48+69.48) / 2$	-71.56		
			$(-7.84-6.53) \times (69.63+69.63) / 2$	-91.22		
			$(-16.59-7.84) \times (74.63+69.63) / 2$	-631.14		
			$(-18.59-16.59) \times (74.63+74.63) / 2$	-149.26		
			$(-27.76-18.59) \times (79.87+74.63) / 2$	-708.38		
			$(-31.31-27.76) \times (79.87+79.87) / 2$	-283.54		
			$(-36.61-31.31) \times (79.86+79.87) / 2$	-423.28		
			$(-36.90-36.61) \times (80.16+79.86) / 2$	-23.20		
					193.32	
P-26	S1		$(-17.37-26.41) \times (77.09+77.25) / 2$	697.62		
2764.22			$(-16.97-17.37) \times (76.83+77.09) / 2$	30.78		
			$(-16.76-16.97) \times (76.83+76.83) / 2$	16.13		
			$(-15.96-16.76) \times (76.03+76.83) / 2$	61.14		
			$(-15.16-15.96) \times (76.03+76.03) / 2$	60.82		
			$(-14.36-15.16) \times (76.83+76.03) / 2$	61.14		
			$(-14.15-14.36) \times (76.83+76.83) / 2$	16.13		
			$(-12.98-14.15) \times (76.89+76.83) / 2$	89.93		
			$(-12.36-12.98) \times (76.72+76.89) / 2$	47.62		
A RIPORTARE mq				1081.31		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				1081.31		
			$(-7.67-12.36) \times (73.59+76.72) / 2$	352.48		
			$(-5.67-7.67) \times (73.59+73.59) / 2$	147.18		
			$(1.83-5.67) \times (68.59+73.59) / 2$	533.18		
			$(1.99-1.83) \times (68.59+68.59) / 2$	10.97		
			$(-5.50-1.99) \times (67.30+67.58) / 2$	-505.13		
			$(-6.53-5.50) \times (67.60+67.60) / 2$	-69.63		
			$(-7.84-6.53) \times (67.75+67.75) / 2$	-88.75		
			$(-16.59-7.84) \times (72.75+67.75) / 2$	-614.69		
			$(-18.59-16.59) \times (72.75+72.75) / 2$	-145.50		
			$(-26.41-18.59) \times (77.25+72.75) / 2$	-586.50		
					114.92	
T-27	S1		$(-21.03-26.07) \times (75.98+76.10) / 2$	383.24		
2781.30			$(-19.25-21.03) \times (75.82+75.98) / 2$	135.10		
			$(-19.00-19.25) \times (74.98+75.82) / 2$	18.85		
			$(-17.46-19.00) \times (73.98+74.98) / 2$	114.70		
			$(-16.63-17.46) \times (73.07+73.98) / 2$	61.03		
			$(-15.64-16.63) \times (72.98+73.07) / 2$	72.29		
			$(-11.09-15.64) \times (73.04+72.98) / 2$	332.20		
			$(-10.67-11.09) \times (72.93+73.04) / 2$	30.65		
			$(-10.46-10.67) \times (72.93+72.93) / 2$	15.32		
			$(-9.66-10.46) \times (72.13+72.93) / 2$	58.02		
			$(-8.86-9.66) \times (72.13+72.13) / 2$	57.70		
			$(-8.06-8.86) \times (72.93+72.13) / 2$	58.02		
			$(-7.85-8.06) \times (72.93+72.93) / 2$	15.32		
			$(-6.06-7.85) \times (72.81+72.93) / 2$	130.44		
			$(-0.00-6.06) \times (68.77+72.81) / 2$	428.99		
			$(-5.50-0.00) \times (66.35+66.70) / 2$	-365.89		
			$(-6.53-5.50) \times (66.65+66.65) / 2$	-68.65		
			$(-7.84-6.53) \times (66.80+66.80) / 2$	-87.51		
			$(-16.59-7.84) \times (71.80+66.80) / 2$	-606.38		
			$(-18.59-16.59) \times (71.80+71.80) / 2$	-143.60		
			$(-26.07-18.59) \times (76.10+71.80) / 2$	-553.15		
					86.69	
T-28	S1		$(-11.21-18.43) \times (72.54+72.63) / 2$	524.06		
2787.71			$(-10.54-11.21) \times (71.87+72.54) / 2$	48.38		
			$(-9.74-10.54) \times (71.87+71.87) / 2$	57.50		
			$(-8.94-9.74) \times (72.67+71.87) / 2$	57.82		
			$(-8.72-8.94) \times (72.67+72.67) / 2$	15.99		
			$(-6.94-8.72) \times (72.54+72.67) / 2$	129.24		
			$(0.00-6.94) \times (67.92+72.54) / 2$	487.40		
			$(-5.50-0.00) \times (66.09+66.46) / 2$	-364.51		
			$(-6.52-5.50) \times (66.39+66.39) / 2$	-67.72		
			$(-7.84-6.52) \times (66.54+66.54) / 2$	-87.83		
			$(-18.43-7.84) \times (72.63+66.54) / 2$	-736.91		
					63.42	
T-29	S1		$(-13.17-17.78) \times (71.00+71.00) / 2$	327.31		
2812.44			$(-12.25-13.17) \times (70.76+71.00) / 2$	65.21		
			$(-12.04-12.25) \times (70.76+70.76) / 2$	14.86		
			$(-11.24-12.04) \times (69.96+70.76) / 2$	56.29		
			$(-10.44-11.24) \times (69.96+69.96) / 2$	55.97		
			$(-9.64-10.44) \times (70.76+69.96) / 2$	56.29		
A RIPORTARE mq				575.93		

TABULATI MOVIMENTI MATERIA

Codice documento

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Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

CALCOLO DELLE AREE Foglio n. 14

STERRI E RIPORTI

N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
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RIPORTO mq 575.93

		$(-9.43-9.64) \times (70.76+70.76) / 2$	14.86		
		$(-7.64-9.43) \times (70.65+70.76) / 2$	126.56		
		$(-1.31-7.64) \times (66.43+70.65) / 2$	433.86		
		$(-0.56-1.31) \times (66.43+66.43) / 2$	49.82		
		$(-0.41-0.56) \times (66.43+66.43) / 2$	9.96		
		$(-0.26-0.41) \times (66.16+66.43) / 2$	9.94		
		$(0.00-0.26) \times (66.20+66.16) / 2$	17.21		
		$(-6.06-0.00) \times (65.15+65.56) / 2$	-396.05		
		$(-7.09-6.06) \times (65.45+65.45) / 2$	-67.41		
		$(-8.40-7.09) \times (65.60+65.60) / 2$	-85.94		
		$(-17.78-8.40) \times (71.00+65.60) / 2$	-640.65		
				48.09	
P-30	S1	$(-17.46-18.14) \times (70.00+70.00) / 2$	47.60		
2839.35		$(-12.42-17.46) \times (69.48+70.00) / 2$	351.49		
		$(-12.20-12.42) \times (69.48+69.48) / 2$	15.29		
		$(-11.40-12.20) \times (68.68+69.48) / 2$	55.26		
		$(-10.60-11.40) \times (68.68+68.68) / 2$	54.94		
		$(-9.80-10.60) \times (69.48+68.68) / 2$	55.26		
		$(-7.81-9.80) \times (69.46+69.48) / 2$	138.25		
		$(-1.63-7.81) \times (65.34+69.46) / 2$	416.53		
		$(-0.72-1.63) \times (65.34+65.34) / 2$	59.46		
		$(-0.57-0.72) \times (65.07+65.34) / 2$	9.78		
		$(0.00-0.57) \times (65.15+65.07) / 2$	37.11		
		$(-6.25-0.00) \times (64.06+64.48) / 2$	-401.69		
		$(-7.28-6.25) \times (64.36+64.36) / 2$	-66.29		
		$(-8.59-7.28) \times (64.51+64.51) / 2$	-84.51		
		$(-18.14-8.59) \times (70.00+64.51) / 2$	-642.29		
				46.19	

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TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO STERRI E RIPORTI											Foglio n. 15	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI				
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc			
T-1	S1	147.96		(2124.86)								
T-2	S1	163.45		(2155.31)	30.45	4741.217						
										4741.217		
T-2	S1	163.45		(2155.31)	25.32	4629.002						
T-3	S1	202.19		(2180.63)								
										4629.002		
T-3	S1	202.19		(2180.63)	25.41	2981.736						
T-4	S1	20.89		(2206.04)								
	S2	11.61								2981.736		
T-4	S1	20.89		(2206.04)	21.69	226.552						
				20.89*22.54	21.69							
				20.89+0.82								
T-5	R1		0.82	(2228.58)	0.85		0.348					
T-4	S2	11.61		(2206.04)								
T-5	S1	6.21		(2228.58)	22.54	200.831						
										427.383		
T-5	R1		0.82	(2228.58)	31.61		1054.352					
T-6	R1		65.89	(2260.19)								
T-5	S1	6.21		(2228.58)	5.42	16.829						
				6.21*31.61	5.42							
				6.21+29.99								
T-6	R2		0.00	(2260.19)								
	R2		29.99		26.19		392.719					
										16.829		
T-6	R1		65.89	(2260.19)								
	R2		0.00									
	R2		29.99		7.48		1126.039					
A RIPORTARE :							1126.039	12796.167	1447.419			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO STERRI E RIPORTI										Foglio n. 16	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :	0.000	1126.039	12796.167	1447.419	
P-7	R1		205.20	(2267.67)							1126.039
P-10b	S1	227.57		(2457.06)	0.01	2.215					
P-11	S1	215.40		(2457.07)					2.215		
P-11	S1	215.40		(2457.07)	6.25	1699.281					
P-12	S1	328.37		(2463.32)					1699.281		
P-12	S1	328.37		(2463.32)	9.56	3786.859					
P-13	S1	463.86		(2472.88)					3786.859		
P-13	S1	463.86		(2472.88)	13.79	6825.360					
P-14	S1	526.04		(2486.67)					6825.360		
P-14	S1	526.04		(2486.67)	25.77	13594.577					
P-15	S1	529.03		(2512.44)					13594.577		
P-15	S1	529.03		(2512.44)	25.15	10217.439					
P-16	S1	283.49		(2537.59)					10217.439		
P-16	S1	283.49		(2537.59)	21.55	3054.605					
				283.49*28.44							
				283.49+90.56							
P-17	R1		64.41	(2566.03)	21.55						
	R2		21.03								
	R3		5.12		6.89		311.979				
								3054.605		311.979	
P-17	R1		64.41	(2566.03)	4.37		140.736				
						A RIPORTARE :	140.736	51976.503	2885.437		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

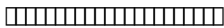
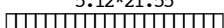
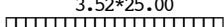
Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO STERRI E RIPORTI										Foglio n. 17	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI			
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc		
						RIPORTO :	0.000	140.736	51976.503	2885.437	
				64.41*21.55							
					4.37						
				64.41+253.32							
T-18	S1	253.32		(2587.58)	17.18	2176.019					
T-17	R2		21.03	(2566.03)							
					21.55		264.526				
T-18	R1		3.52	(2587.58)							
					12.61		32.282				
T-17	R3		5.12	(2566.03)							
				5.12*21.55							
					12.61						
				5.12+3.63							
T-18	S2	3.63		(2587.58)	8.94	16.226					
								2192.245	437.544		
T-18	S1	253.32		(2587.58)							
					25.00	7150.125					
T-19	S1	318.69		(2612.58)							
					3.95		6.952				
T-18	R1		3.52	(2587.58)							
				3.52*25.00							
					3.95						
				3.52+18.78							
T-19	S2	18.78		(2612.58)	21.05	197.660					
T-18	S2	3.63		(2587.58)							
					25.00	119.750					
T-19	S3	5.95		(2612.58)							
								7467.535	6.952		
T-19	S1	318.69		(2612.58)							
	S2	18.78									
	S3	5.95									
					25.01	8424.493					
T-20	S1	330.27		(2637.59)							
								8424.493			
T-20	S1	330.27		(2637.59)							
					25.01	8818.651					
T-21	S1	374.94		(2662.60)							
								8818.651			
T-21	S1	374.94		(2662.60)							
					24.96	8861.424					
T-22	S1	335.11		(2687.56)							
								8861.424			
T-22	S1	335.11		(2687.56)	10.60	3441.820					
						A RIPORTARE :	3441.820	87740.851	3329.933		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO STERRI E RIPORTI											Foglio n. 18	
N. SEZ.	FIG.	SUPERFICIE		PUNTI DI PASSAGGIO (PROGRESSIVA m)	DISTANZA m	VOLUMI PARZIALI		VOLUMI TOTALI				
		STERRO mq	RIPORTO mq			STERRO mc	RIPORTO mc	STERRO mc	RIPORTO mc			
						RIPORTO :		3441.820	87740.851	3329.933		
T-23	S1	314.29		(2698.16)								
												3441.820
T-23	S1	314.29		(2698.16)	14.50	4132.138						
T-24	S1	255.66		(2712.66)								4132.138
T-24	S1	255.66		(2712.66)	25.09	5632.454						
T-25	S1	193.32		(2737.75)								5632.454
T-25	S1	193.32		(2737.75)	26.47	4079.556						
T-26	S1	114.92		(2764.22)								4079.556
T-26	S1	114.92		(2764.22)	17.08	1721.749						
T-27	S1	86.69		(2781.30)								1721.749
T-27	S1	86.69		(2781.30)	6.41	481.103						
T-28	S1	63.42		(2787.71)								481.103
T-28	S1	63.42		(2787.71)	24.73	1378.821						
T-29	S1	48.09		(2812.44)								1378.821
T-29	S1	48.09		(2812.44)	26.91	1268.537						
T-30	S1	46.19		(2839.35)								1268.537
						Totale Articoli		109877.029	3329.933			
						A dedurre quantita' precedenti:						
						Quantita' da contabilizzare ...						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 19	
VEGETALE IN RILEVATO					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
T-5 2228.58	C1	$(-6.91-8.19) \times (90.73+90.00) / 2$	115.67		
		$(-5.90-6.91) \times (90.73+90.73) / 2$	91.64		
		$(-5.70-5.90) \times (90.93+90.73) / 2$	18.17		
		$(-7.00-5.70) \times (91.03+91.03) / 2$	-118.34		
		$(-8.95-7.00) \times (89.91+91.03) / 2$	-176.42		
		$(-8.19-8.95) \times (90.00+89.91) / 2$	68.37		
T-6 2260.19	C1	$(-17.66-23.55) \times (84.83+81.47) / 2$	489.75		
		$(-15.66-17.66) \times (84.83+84.83) / 2$	169.66		
		$(-6.91-15.66) \times (89.83+84.83) / 2$	764.14		
		$(-5.90-6.91) \times (89.83+89.83) / 2$	90.73		
		$(-5.70-5.90) \times (90.03+89.83) / 2$	17.99		
		$(-7.00-5.70) \times (90.13+90.13) / 2$	-117.17		
		$(-15.75-7.00) \times (85.13+90.13) / 2$	-766.76		
		$(-17.75-15.75) \times (85.13+85.13) / 2$	-170.26		
		$(-24.25-17.75) \times (81.42+85.13) / 2$	-541.29		
		$(-23.55-24.25) \times (81.47+81.42) / 2$	57.01		
T-6 2260.19	C2	$(2.41-4.29) \times (89.52+89.43) / 2$	-168.21		
		$(1.40-2.41) \times (89.52+89.52) / 2$	-90.42		
		$(1.20-1.40) \times (89.72+89.52) / 2$	-17.92		
		$(2.50-1.20) \times (89.82+89.82) / 2$	116.77		
		$(5.14-2.50) \times (89.69+89.82) / 2$	236.95		
		$(4.29-5.14) \times (89.43+89.69) / 2$	-76.13		
T-7 2267.67	C1	$(-17.66-27.74) \times (84.63+78.87) / 2$	824.04		
		$(-15.66-17.66) \times (84.63+84.63) / 2$	169.26		
		$(-6.91-15.66) \times (89.63+84.63) / 2$	762.39		
		$(-5.90-6.91) \times (89.63+89.63) / 2$	90.53		
		$(-5.70-5.90) \times (89.83+89.63) / 2$	17.95		
		$(-7.00-5.70) \times (89.93+89.93) / 2$	-116.91		
		$(-15.75-7.00) \times (84.93+89.93) / 2$	-765.01		
		$(-17.75-15.75) \times (84.93+84.93) / 2$	-169.86		
		$(-28.41-17.75) \times (78.84+84.93) / 2$	-872.89		
		$(-27.74-28.41) \times (78.87+78.84) / 2$	52.83		
T-7 2267.67	C2	$(2.50-5.08) \times (89.62+89.50) / 2$	-231.06		
		$(1.20-2.50) \times (89.62+89.62) / 2$	-116.51		
		$(1.40-1.20) \times (89.32+89.52) / 2$	17.88		
		$(5.08-1.40) \times (89.32+89.32) / 2$	328.70		
T-17 2566.03	C1	$(10.95-12.68) \times (76.78+76.78) / 2$	-132.83		
		$(7.41-10.95) \times (78.80+76.78) / 2$	-275.38		
		$(6.40-7.41) \times (78.80+78.80) / 2$	-79.59		
		$(6.20-6.40) \times (79.00+78.80) / 2$	-15.78		
		$(7.50-6.20) \times (79.10+79.10) / 2$	102.83		
		$(11.04-7.50) \times (77.08+79.10) / 2$	276.44		
		$(13.13-11.04) \times (77.08+77.08) / 2$	161.10		
		$(12.68-13.13) \times (76.78+77.08) / 2$	-34.62		
T-18 2587.58	C1	$(7.41-9.02) \times (78.05+77.13) / 2$	-124.92		
		$(6.40-7.41) \times (78.05+78.05) / 2$	-78.83		
		$(6.20-6.40) \times (78.25+78.05) / 2$	-15.63		
A RIPORTARE mq			-219.38		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				-219.38		
			$(7.50-6.20) \times (78.35+78.35) / 2$	101.85		
			$(9.41-7.50) \times (77.25+78.35) / 2$	148.60		
			$(9.02-9.41) \times (77.13+77.25) / 2$	-30.10	0.97	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 21	
VEGETALE IN TRINCEA					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
T-1 2124.86	F1	$(-19.75-28.93) \times (98.00+103.24) / 2$	923.69		
		$(-17.75-19.75) \times (98.00+98.00) / 2$	196.00		
		$(-9.00-17.75) \times (93.00+98.00) / 2$	835.63		
		$(-7.77-9.00) \times (93.00+93.00) / 2$	114.39		
		$(-9.08-7.77) \times (92.70+92.70) / 2$	-121.44		
		$(-17.83-9.08) \times (97.70+92.70) / 2$	-833.00		
		$(-19.83-17.83) \times (97.70+97.70) / 2$	-195.40		
		$(-29.45-19.83) \times (103.24+97.70) / 2$	-966.52		
		$(-28.93-29.45) \times (103.24+103.24) / 2$	53.68		
T-2 2155.31	F1	$(-19.32-30.33) \times (97.15+103.49) / 2$	1104.52		7.03
		$(-17.32-19.32) \times (97.15+97.15) / 2$	194.30		
		$(-8.57-17.32) \times (92.15+97.15) / 2$	828.19		
		$(-7.27-8.57) \times (92.15+92.15) / 2$	119.80		
		$(-8.49-7.27) \times (92.45+92.45) / 2$	-112.79		
		$(-17.24-8.49) \times (97.45+92.45) / 2$	-830.81		
		$(-19.24-17.24) \times (97.45+97.45) / 2$	-194.90		
		$(-29.81-19.24) \times (103.48+97.45) / 2$	-1061.92		
		$(-30.33-29.81) \times (103.48+103.48) / 2$	-53.81		
T-3 2180.63	F1	$(-29.57-36.04) \times (101.66+105.36) / 2$	669.71		7.42
		$(-27.27-29.57) \times (101.66+101.66) / 2$	233.82		
		$(-18.59-27.27) \times (96.66+101.66) / 2$	860.71		
		$(-16.59-18.59) \times (96.66+96.66) / 2$	193.32		
		$(-7.83-16.59) \times (91.66+96.66) / 2$	824.84		
		$(-6.53-7.83) \times (91.66+91.66) / 2$	119.16		
		$(-7.75-6.53) \times (91.96+91.96) / 2$	-112.19		
		$(-16.50-7.75) \times (96.96+91.96) / 2$	-826.52		
		$(-18.50-16.50) \times (96.96+96.96) / 2$	-193.92		
		$(-27.25-18.50) \times (101.96+96.96) / 2$	-870.27		
		$(-29.49-27.25) \times (101.96+101.96) / 2$	-228.39		
		$(-35.42-29.49) \times (105.35+101.96) / 2$	-614.67		
		$(-36.04-35.42) \times (105.36+105.35) / 2$	-65.32		
T-4 2206.04	F1	$(-7.84-14.73) \times (91.23+95.20) / 2$	642.25		9.72
		$(-6.53-7.84) \times (91.23+91.23) / 2$	119.51		
		$(-7.75-6.53) \times (91.53+91.53) / 2$	-111.67		
		$(-14.18-7.75) \times (95.21+91.53) / 2$	-600.37		
		$(-14.73-14.18) \times (95.20+95.21) / 2$	-52.36		
T-11 2457.07	F2	$(-33.49-34.38) \times (84.65+85.16) / 2$	75.57		2.64
		$(-32.74-33.49) \times (84.65+84.65) / 2$	63.49		
		$(-33.40-32.74) \times (84.95+84.95) / 2$	-56.07		
		$(-33.89-33.40) \times (85.23+84.95) / 2$	-41.69		
		$(-34.38-33.89) \times (85.16+85.23) / 2$	-41.75		
T-11 2457.07	F1	$(2.50-1.20) \times (82.49+82.49) / 2$	107.24		0.45
		$(2.84-2.50) \times (82.30+82.49) / 2$	28.01		
		$(3.27-2.84) \times (82.30+82.30) / 2$	35.39		
		$(2.75-3.27) \times (82.00+82.00) / 2$	-42.64		
		$(2.41-2.75) \times (82.19+82.00) / 2$	-27.91		
		$(1.40-2.41) \times (82.19+82.19) / 2$	-83.01		
		$(1.20-1.40) \times (82.39+82.19) / 2$	-16.46		
A RIPORTARE mq			0.62		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 22	
VEGETALE IN TRINCEA					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			0.62		
				0.62	
T-11	F3	(-30.04—30.07)x(82.03+82.33)/2	2.47		
2457.07		(-7.84—30.04)x(82.03+82.03)/2	1821.07		
		(-6.52—7.84)x(82.03+82.03)/2	108.28		
		(-30.07—6.52)x(82.33+82.33)/2	-1938.87		
				7.05	
T-12	F1	(-33.73—34.17)x(88.96+89.21)/2	39.20		
2463.32		(-32.98—33.73)x(88.96+88.96)/2	66.72		
		(-33.64—32.98)x(89.26+89.26)/2	-58.91		
		(-33.67—33.64)x(89.27+89.26)/2	-2.68		
		(-34.17—33.67)x(89.21+89.27)/2	-44.62		
				0.29	
T-12	F2	(2.90—2.50)x(82.02+82.26)/2	32.86		
2463.32		(4.14—2.90)x(82.02+82.02)/2	101.70		
		(2.81—4.14)x(81.72+81.72)/2	-108.69		
		(2.41—2.81)x(81.96+81.72)/2	-32.74		
		(1.40—2.41)x(81.96+81.96)/2	-82.78		
		(1.20—1.40)x(82.16+81.96)/2	-16.41		
		(2.50—1.20)x(82.26+82.26)/2	106.94		
				0.88	
T-12	F3	(-29.82—29.85)x(81.77+82.07)/2	2.46		
2463.32		(-7.89—29.82)x(81.77+81.77)/2	1793.22		
		(-6.58—7.89)x(81.77+81.77)/2	107.12		
		(-29.85—6.58)x(82.07+82.07)/2	-1909.77		
				6.97	
T-13	F3	(-36.35—40.98)x(93.65+93.65)/2	433.60		
2472.88		(-33.81—36.35)x(92.20+93.65)/2	236.03		
		(-33.06—33.81)x(92.20+92.20)/2	69.15		
		(-33.72—33.06)x(92.50+92.50)/2	-61.05		
		(-36.26—33.72)x(93.95+92.50)/2	-236.79		
		(-40.42—36.26)x(93.95+93.95)/2	-390.83		
		(-40.98—40.42)x(93.65+93.95)/2	-52.53		
				2.42	
T-13	F1	(3.09—2.51)x(81.58+81.91)/2	47.41		
2472.88		(4.61—3.09)x(81.58+81.58)/2	124.00		
		(3.00—4.61)x(81.28+81.28)/2	-130.86		
		(2.42—3.00)x(81.61+81.28)/2	-47.24		
		(1.41—2.42)x(81.61+81.61)/2	-82.43		
		(1.21—1.41)x(81.81+81.61)/2	-16.34		
		(2.51—1.21)x(81.91+81.91)/2	106.48		
				1.02	
T-13	F2	(-29.53—29.56)x(81.36+81.66)/2	2.45		
2472.88		(-9.14—29.53)x(81.36+81.36)/2	1658.93		
		(-7.83—9.14)x(81.36+81.36)/2	106.58		
		(-29.56—7.83)x(81.66+81.66)/2	-1774.47		
				6.51	
T-14	F3	(-39.39—43.29)x(95.40+95.40)/2	372.06		
2486.67		(-32.33—39.39)x(91.37+95.40)/2	659.30		
		(-31.58—32.33)x(91.37+91.37)/2	68.53		
		(-32.24—31.58)x(91.67+91.67)/2	-60.50		
		(-39.29—32.24)x(95.70+91.67)/2	-660.48		
A RIPORTARE mq			378.91		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

VEGETALE IN TRINCEA		CALCOLO DELLE AREE		Foglio n.	23
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			378.91		
		$(-42.59-39.29) \times (95.70+95.70) / 2$	-315.81		
		$(-43.29-42.59) \times (95.40+95.70) / 2$	-66.88		
				3.78	
T-14	F1	$(3.61-2.57) \times (80.85+81.44) / 2$	84.39		
2486.67		$(7.86-3.61) \times (80.85+80.85) / 2$	343.61		
		$(3.51-7.86) \times (80.56+80.56) / 2$	-350.44		
		$(2.48-3.51) \times (81.14+80.56) / 2$	-83.28		
		$(1.47-2.48) \times (81.14+81.14) / 2$	-81.95		
		$(1.27-1.47) \times (81.34+81.14) / 2$	-16.25		
		$(2.57-1.27) \times (81.44+81.44) / 2$	105.87		
				1.95	
T-14	F2	$(-28.09-28.12) \times (80.83+81.13) / 2$	2.43		
2486.67		$(-11.53-28.09) \times (80.83+80.83) / 2$	1338.54		
		$(-10.22-11.53) \times (80.83+80.83) / 2$	105.89		
		$(-28.12-10.22) \times (81.13+81.13) / 2$	-1452.23		
				5.37	
T-15	F2	$(-26.55-38.62) \times (89.95+96.85) / 2$	1127.34		
2512.44		$(-25.80-26.55) \times (89.95+89.95) / 2$	67.46		
		$(-26.46-25.80) \times (90.25+90.25) / 2$	-59.57		
		$(-38.00-26.46) \times (96.84+90.25) / 2$	-1079.51		
		$(-38.62-38.00) \times (96.85+96.84) / 2$	-60.04		
				4.32	
T-15	F1	$(6.38-6.18) \times (80.48+80.68) / 2$	16.12		
2512.44		$(7.39-6.38) \times (80.48+80.48) / 2$	81.28		
		$(9.15-7.39) \times (79.48+80.48) / 2$	140.76		
		$(12.03-9.15) \times (79.48+79.48) / 2$	228.90		
		$(9.26-12.03) \times (79.77+79.77) / 2$	-220.96		
		$(7.48-9.26) \times (80.78+79.77) / 2$	-142.89		
		$(6.18-7.48) \times (80.78+80.78) / 2$	-105.01		
				1.80	
T-16	F2	$(-26.28-33.25) \times (84.91+88.90) / 2$	605.73		
2537.59		$(-25.52-26.28) \times (84.91+84.91) / 2$	64.53		
		$(-26.18-25.52) \times (85.21+85.21) / 2$	-56.24		
		$(-32.53-26.18) \times (88.84+85.21) / 2$	-552.61		
		$(-33.25-32.53) \times (88.90+88.84) / 2$	-63.99		
				2.58	
T-16	F1	$(10.25-7.50) \times (78.46+80.03) / 2$	217.92		
2537.59		$(12.51-10.25) \times (78.46+78.46) / 2$	177.32		
		$(10.14-12.51) \times (78.17+78.17) / 2$	-185.26		
		$(7.41-10.14) \times (79.73+78.17) / 2$	-215.53		
		$(6.40-7.41) \times (79.73+79.73) / 2$	-80.53		
		$(6.20-6.40) \times (79.93+79.73) / 2$	-15.97		
		$(7.50-6.20) \times (80.03+80.03) / 2$	104.04		
				1.99	
T-18	F2	$(-37.02-45.47) \times (88.17+93.00) / 2$	765.44		
2587.58		$(-35.02-37.02) \times (88.17+88.17) / 2$	176.34		
		$(-26.27-35.02) \times (83.17+88.17) / 2$	749.61		
		$(-25.52-26.27) \times (83.17+83.17) / 2$	62.38		
		$(-26.18-25.52) \times (83.47+83.47) / 2$	-55.09		
		$(-34.93-26.18) \times (88.47+83.47) / 2$	-752.24		
		$(-36.93-34.93) \times (88.47+88.47) / 2$	-176.94		
A RIPORTARE mq			769.50		

TABULATI MOVIMENTI MATERIA

Codice documento

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Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 24	
VEGETALE IN TRINCEA					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTO mq			769.50		
		$(-44.86-36.93) \times (93.00+88.47) / 2$	-719.53		
		$(-45.47-44.86) \times (93.00+93.00) / 2$	-56.73		
				6.76	
P-18	F1	$(11.10-13.59) \times (75.94+75.94) / 2$	-189.09		
2587.58		$(9.03-11.10) \times (77.13+75.94) / 2$	-158.43		
		$(9.42-9.03) \times (77.25+77.13) / 2$	30.10		
		$(11.20-9.42) \times (76.23+77.25) / 2$	136.60		
		$(13.59-11.20) \times (76.23+76.23) / 2$	182.19		
				1.37	
P-19	F2	$(-26.71-33.70) \times (87.91+91.90) / 2$	628.44		
2612.58		$(-26.05-26.71) \times (87.91+87.91) / 2$	58.02		
		$(-26.80-26.05) \times (87.61+87.61) / 2$	-65.71		
		$(-34.36-26.80) \times (91.93+87.61) / 2$	-678.66		
		$(-33.70-34.36) \times (91.90+91.93) / 2$	60.66		
				2.75	
P-19	F1	$(11.55-12.88) \times (74.82+74.82) / 2$	-99.51		
2612.58		$(7.42-11.55) \times (77.18+74.82) / 2$	-313.88		
		$(6.40-7.42) \times (77.18+77.18) / 2$	-78.72		
		$(6.20-6.40) \times (77.38+77.18) / 2$	-15.46		
		$(7.50-6.20) \times (77.48+77.48) / 2$	100.72		
		$(11.63-7.50) \times (75.12+77.48) / 2$	315.12		
		$(12.88-11.63) \times (75.12+75.12) / 2$	93.90		
				2.17	
P-20	F2	$(-26.80-35.78) \times (86.73+91.86) / 2$	801.87		
2637.59		$(-26.05-26.80) \times (86.73+86.73) / 2$	65.05		
		$(-26.71-26.05) \times (87.03+87.03) / 2$	-57.44		
		$(-34.96-26.71) \times (91.74+87.03) / 2$	-737.43		
		$(-35.78-34.96) \times (91.86+91.74) / 2$	-75.28		
				3.23	
P-20	F1	$(11.89-12.18) \times (73.75+73.75) / 2$	-21.39		
2637.59		$(7.42-11.89) \times (76.30+73.75) / 2$	-335.36		
		$(6.40-7.42) \times (76.30+76.30) / 2$	-77.83		
		$(6.20-6.40) \times (76.50+76.30) / 2$	-15.28		
		$(7.50-6.20) \times (76.60+76.60) / 2$	99.58		
		$(11.97-7.50) \times (74.05+76.60) / 2$	336.70		
		$(12.18-11.97) \times (74.05+74.05) / 2$	15.55		
				1.97	
P-21	F2	$(-37.55-42.36) \times (90.74+93.49) / 2$	443.07		
2662.60		$(-35.55-37.55) \times (90.74+90.74) / 2$	181.48		
		$(-26.80-35.55) \times (85.74+90.74) / 2$	772.10		
		$(-26.05-26.80) \times (85.74+85.74) / 2$	64.30		
		$(-26.71-26.05) \times (86.04+86.04) / 2$	-56.79		
		$(-35.46-26.71) \times (91.04+86.04) / 2$	-774.73		
		$(-37.46-35.46) \times (91.04+91.04) / 2$	-182.08		
		$(-41.75-37.46) \times (93.49+91.04) / 2$	-395.82		
		$(-42.36-41.75) \times (93.49+93.49) / 2$	-57.03		
				5.50	
P-21	F1	$(11.36-11.58) \times (72.67+72.67) / 2$	-15.99		
2662.60		$(7.41-11.36) \times (75.31+72.67) / 2$	-292.26		
		$(6.40-7.41) \times (75.31+75.31) / 2$	-76.06		
		$(6.20-6.40) \times (75.51+75.31) / 2$	-15.08		
A RIPORTARE mq			-399.39		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 25	
VEGETALE IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			-399.39		
		(7.50-6.20)x(75.61+75.61)/2	98.29		
		(11.45-7.50)x(72.97+75.61)/2	293.45		
		(11.58-11.45)x(72.97+72.97)/2	9.49		
				1.84	
T-22	F3	(-25.98-32.01)x(84.43+87.87)/2	519.48		
2687.56		(-25.23-25.98)x(84.43+84.43)/2	63.32		
		(-25.89-25.23)x(84.73+84.73)/2	-55.92		
		(-31.30-25.89)x(87.82+84.73)/2	-466.75		
		(-32.01-31.30)x(87.87+87.82)/2	-62.37		
				2.24	
T-22	F1	(7.88-11.73)x(71.66+71.66)/2	-275.89		
2687.56		(4.38-7.88)x(73.66+71.66)/2	-254.31		
		(3.33-4.38)x(73.66+73.66)/2	-77.34		
		(3.13-3.33)x(73.86+73.66)/2	-14.75		
		(4.46-3.13)x(73.96+73.96)/2	98.37		
		(7.96-4.46)x(71.96+73.96)/2	255.36		
		(11.73-7.96)x(71.96+71.96)/2	271.29		
				2.73	
T-22	F2	(-21.68-21.71)x(73.28+73.58)/2	2.20		
2687.56		(-12.40-21.68)x(73.28+73.28)/2	680.04		
		(-11.08-12.40)x(73.28+73.28)/2	96.73		
		(-21.71-11.08)x(73.58+73.58)/2	-782.16		
				3.19	
T-23	F3	(-26.61-31.26)x(84.76+87.41)/2	400.30		
2698.16		(-25.86-26.61)x(84.76+84.76)/2	63.57		
		(-26.52-25.86)x(85.06+85.06)/2	-56.14		
		(-30.61-26.52)x(87.39+85.06)/2	-352.66		
		(-31.26-30.61)x(87.41+87.39)/2	-56.81		
				1.74	
T-23	F1	(5.65-11.27)x(71.24+71.24)/2	-400.37		
2698.16		(2.87-5.65)x(72.82+71.24)/2	-200.24		
		(1.85-2.87)x(72.82+72.82)/2	-74.28		
		(1.65-1.85)x(73.02+72.82)/2	-14.58		
		(2.95-1.65)x(73.12+73.12)/2	95.06		
		(5.73-2.95)x(71.54+73.12)/2	201.08		
		(11.27-5.73)x(71.54+71.54)/2	396.33		
				3.00	
T-23	F2	(-22.21-22.23)x(72.60+72.90)/2	1.45		
2698.16		(-7.83-22.21)x(72.60+72.60)/2	1043.99		
		(-6.51-7.83)x(72.60+72.60)/2	95.83		
		(-22.23-6.51)x(72.90+72.90)/2	-1145.99		
				4.72	
T-24	F3	(-28.38-31.01)x(81.71+83.22)/2	216.88		
2712.66		(-26.38-28.38)x(81.71+81.71)/2	163.42		
		(-17.63-26.38)x(76.71+81.71)/2	693.09		
		(-16.88-17.63)x(76.71+76.71)/2	57.53		
		(-17.54-16.88)x(77.01+77.01)/2	-50.83		
		(-26.29-17.54)x(82.01+77.01)/2	-695.71		
		(-28.29-26.29)x(82.01+82.01)/2	-164.02		
		(-30.40-28.29)x(83.22+82.01)/2	-174.32		
		(-31.01-30.40)x(83.22+83.22)/2	-50.76		
A RIPORTARE mq			4.72		

TABULATI MOVIMENTI MATERIA

Codice documento

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Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE AREE		Foglio n. 26	
VEGETALE IN TRINCEA					
N. SEZIONE	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.			mq	mq	
RIPORTIO mq			4.72		
				4.72	
I-24	F1	(4.29-9.80)x(70.66+70.66)/2	-389.34		
2712.66		(2.42-4.29)x(71.73+70.66)/2	-133.13		
		(1.40-2.42)x(71.73+71.73)/2	-73.16		
		(1.20-1.40)x(71.93+71.73)/2	-14.37		
		(2.50-1.20)x(72.03+72.03)/2	93.64		
		(4.37-2.50)x(70.96+72.03)/2	133.70		
		(9.80-4.37)x(70.96+70.96)/2	385.31		
				2.65	
I-24	F2	(-13.91-13.95)x(71.51+71.81)/2	2.87		
2712.66		(-7.84-13.91)x(71.51+71.51)/2	434.07		
		(-6.53-7.84)x(71.51+71.51)/2	93.68		
		(-13.95-6.53)x(71.81+71.81)/2	-532.83		
				2.21	
I-25	F2	(-36.61-36.90)x(79.86+80.16)/2	23.20		
2737.75		(-31.31-36.61)x(79.87+79.86)/2	423.28		
		(-27.76-31.31)x(79.87+79.87)/2	283.54		
		(-18.59-27.76)x(74.63+79.87)/2	708.38		
		(-16.59-18.59)x(74.63+74.63)/2	149.26		
		(-7.84-16.59)x(69.63+74.63)/2	631.14		
		(-6.53-7.84)x(69.63+69.63)/2	91.22		
		(-7.75-6.53)x(69.93+69.93)/2	-85.31		
		(-16.50-7.75)x(74.93+69.93)/2	-633.76		
		(-18.50-16.50)x(74.93+74.93)/2	-149.86		
		(-27.67-18.50)x(80.17+74.93)/2	-711.13		
		(-31.22-27.67)x(80.17+80.17)/2	-284.60		
		(-35.49-31.22)x(80.17+80.17)/2	-342.33		
		(-36.90-35.49)x(80.16+80.17)/2	-113.03		
				10.00	
I-25	F1	(2.85-5.92)x(69.60+69.60)/2	-213.67		
2737.75		(2.42-2.85)x(69.84+69.60)/2	-29.98		
		(1.40-2.42)x(69.84+69.84)/2	-71.24		
		(1.20-1.40)x(70.04+69.84)/2	-13.99		
		(2.50-1.20)x(70.14+70.14)/2	91.18		
		(2.93-2.50)x(69.90+70.14)/2	30.11		
		(5.92-2.93)x(69.90+69.90)/2	209.00		
				1.41	
I-26	F1	(-18.59-26.41)x(72.75+77.25)/2	586.50		
2764.22		(-16.59-18.59)x(72.75+72.75)/2	145.50		
		(-7.84-16.59)x(67.75+72.75)/2	614.69		
		(-6.53-7.84)x(67.75+67.75)/2	88.75		
		(-7.75-6.53)x(68.05+68.05)/2	-83.02		
		(-16.50-7.75)x(73.05+68.05)/2	-617.31		
		(-18.50-16.50)x(73.05+73.05)/2	-146.10		
		(-25.83-18.50)x(77.24+73.05)/2	-550.81		
		(-26.41-25.83)x(77.25+77.24)/2	-44.80		
				6.60	
I-27	F1	(-18.59-26.07)x(71.80+76.10)/2	553.15		
2781.30		(-16.59-18.59)x(71.80+71.80)/2	143.60		
		(-7.84-16.59)x(66.80+71.80)/2	606.38		
		(-6.53-7.84)x(66.80+66.80)/2	87.51		
A RIPORTARE mq			1390.64		

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE	AREA FIGURA	NOTE
PROG.				mq	mq	
RIPORTO mq				1390.64		
			$(-7.75-6.53) \times (67.10+67.10) / 2$	-81.86		
			$(-16.50-7.75) \times (72.10+67.10) / 2$	-609.00		
			$(-18.50-16.50) \times (72.10+72.10) / 2$	-144.20		
			$(-25.49-18.50) \times (76.09+72.10) / 2$	-517.92		
			$(-26.07-25.49) \times (76.10+76.09) / 2$	-44.14		
P-28	F1		$(-7.84-18.43) \times (66.54+72.63) / 2$	736.91	6.48	
2787.71			$(-6.52-7.84) \times (66.54+66.54) / 2$	87.83		
			$(-7.75-6.52) \times (66.84+66.84) / 2$	-82.21		
			$(-17.88-7.75) \times (72.63+66.84) / 2$	-706.42		
			$(-18.43-17.88) \times (72.63+72.63) / 2$	-39.95		
P-29	F1		$(-8.40-17.78) \times (65.60+71.00) / 2$	640.65	3.84	
2812.44			$(-7.09-8.40) \times (65.60+65.60) / 2$	85.94		
			$(-8.31-7.09) \times (65.90+65.90) / 2$	-80.40		
			$(-17.24-8.31) \times (71.00+65.90) / 2$	-611.26		
			$(-17.78-17.24) \times (71.00+71.00) / 2$	-38.34		
P-30	F1		$(-8.59-18.14) \times (64.51+70.00) / 2$	642.29	3.41	
2839.35			$(-7.28-8.59) \times (64.51+64.51) / 2$	84.51		
			$(-8.50-7.28) \times (64.81+64.81) / 2$	-79.07		
			$(-17.59-8.50) \times (70.00+64.81) / 2$	-612.71		
			$(-18.14-17.59) \times (70.00+70.00) / 2$	-38.50	3.48	
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TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

CALCOLO DELLE AREE Foglio n. 28

GRADONATURA

N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
---------------------	------	---------------------	--------------------------	----------------------	------

T-6	01	$(-7.86-8.99) \times (82.49+81.74) / 2$	92.79		
2260.19		$(-8.99-7.86) \times (81.74+81.74) / 2$	-92.37		
				0.42	
T-6	02	$(-6.36-7.86) \times (83.49+82.49) / 2$	124.48		
2260.19		$(-7.86-6.36) \times (82.49+82.49) / 2$	-123.73		
				0.75	
T-6	03	$(-4.86-6.36) \times (84.49+83.49) / 2$	125.98		
2260.19		$(-2.86-4.86) \times (84.49+84.49) / 2$	168.98		
		$(-1.36-2.86) \times (85.49+84.49) / 2$	127.48		
		$(-6.36-1.36) \times (83.49+83.49) / 2$	-417.45		
				4.99	
T-6	04	$(0.14-1.36) \times (86.49+85.49) / 2$	128.98		
2260.19		$(-1.36-0.14) \times (85.49+85.49) / 2$	-128.23		
				0.75	
T-6	05	$(1.64-0.14) \times (87.49+86.49) / 2$	130.48		
2260.19		$(0.14-1.64) \times (86.49+86.49) / 2$	-129.73		
				0.75	
T-6	06	$(3.14-1.64) \times (88.49+87.49) / 2$	131.99		
2260.19		$(1.64-3.14) \times (87.49+87.49) / 2$	-131.24		
				0.75	
T-6	07	$(4.22-3.14) \times (89.21+88.49) / 2$	95.96		
2260.19		$(5.14-4.22) \times (89.49+89.21) / 2$	82.20		
		$(3.14-5.14) \times (88.49+88.49) / 2$	-176.98		
				1.18	

Il Direttore dei Lavori L'Impresa

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE LUNGHEZZE		Foglio n. 29	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
I-5	a1	$^1((-7.00-5.70)^2+(91.03-91.03)^2)$	1.30		
2228.58		$^1((-8.95-7.00)^2+(89.91-91.03)^2)$	2.25	3.55	
I-6	a1	$^1((-7.00-5.70)^2+(90.13-90.13)^2)$	1.30		
2260.19		$^1((-15.75-7.00)^2+(85.13-90.13)^2)$	10.08		
		$^1((-17.75-15.75)^2+(85.13-85.13)^2)$	2.00		
		$^1((-24.25-17.75)^2+(81.42-85.13)^2)$	7.48	20.86	
I-6	a2	$^1((2.50-1.20)^2+(89.82-89.82)^2)$	1.30		
2260.19		$^1((5.14-2.50)^2+(89.69-89.82)^2)$	2.64	3.94	
I-7	a2	$^1((-7.00-5.70)^2+(89.93-89.93)^2)$	1.30		
2267.67		$^1((-15.75-7.00)^2+(84.93-89.93)^2)$	10.08		
		$^1((-17.75-15.75)^2+(84.93-84.93)^2)$	2.00		
		$^1((-28.41-17.75)^2+(78.84-84.93)^2)$	12.28	25.66	
I-7	a1	$^1((2.50-1.20)^2+(89.62-89.62)^2)$	1.30		
2267.67		$^1((5.08-2.50)^2+(89.50-89.62)^2)$	2.58	3.88	
I-11	a1	$^1((2.50-1.20)^2+(82.49-82.49)^2)$	1.30		
2457.07		$^1((2.84-2.50)^2+(82.30-82.49)^2)$	0.39		
		$^1((3.27-2.84)^2+(82.30-82.30)^2)$	0.43	2.12	
I-12	a1	$^1((2.50-1.20)^2+(82.26-82.26)^2)$	1.30		
2463.32		$^1((2.90-2.50)^2+(82.02-82.26)^2)$	0.47		
		$^1((4.14-2.90)^2+(82.02-82.02)^2)$	1.24	3.01	
I-13	a1	$^1((2.51-1.21)^2+(81.91-81.91)^2)$	1.30		
2472.88		$^1((3.09-2.51)^2+(81.58-81.91)^2)$	0.67		
		$^1((4.61-3.09)^2+(81.58-81.58)^2)$	1.52	3.49	
I-14	a1	$^1((2.57-1.27)^2+(81.44-81.44)^2)$	1.30		
2486.67		$^1((3.60-2.57)^2+(80.86-81.44)^2)$	1.18		
		$^1((7.90-3.60)^2+(80.86-80.86)^2)$	4.30	6.78	
I-15	a1	$^1((7.48-6.18)^2+(80.78-80.78)^2)$	1.30		
2512.44		$^1((9.24-7.48)^2+(79.78-80.78)^2)$	2.02		
		$^1((12.03-9.24)^2+(79.78-79.78)^2)$	2.79	6.11	
I-16	a1	$^1((7.50-6.20)^2+(80.03-80.03)^2)$	1.30		
2537.59		$^1((10.24-7.50)^2+(78.47-80.03)^2)$	3.15		
		$^1((12.51-10.24)^2+(78.47-78.47)^2)$	2.27	6.72	
I-17	a1	$^1((7.50-6.20)^2+(79.10-79.10)^2)$	1.30		
2566.03		$^1((11.04-7.50)^2+(77.08-79.10)^2)$	4.08		
		$^1((13.13-11.04)^2+(77.08-77.08)^2)$	2.09	7.47	
I-18	a1	$^1((7.50-6.20)^2+(78.35-78.35)^2)$	1.30		
2587.58		$^1((11.19-7.50)^2+(76.24-78.35)^2)$	4.25		
		$^1((13.59-11.19)^2+(76.24-76.24)^2)$	2.40	7.95	
I-19	a1	$^1((7.50-6.20)^2+(77.48-77.48)^2)$	1.30		
2612.58		$^1((11.63-7.50)^2+(75.12-77.48)^2)$	4.76		
A RIPORTARE ml			6.06		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

CALCOLO DELLE LUNGHEZZE		Foglio n. 30	
SEMINA			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	6.06
		$^1((12.88-11.63)^2+(75.12-75.12)^2)$	1.25
			7.31
I-20	al	$^1((7.50-6.20)^2+(76.60-76.60)^2)$	1.30
2637.59		$^1((11.97-7.50)^2+(74.05-76.60)^2)$	5.15
		$^1((12.18-11.97)^2+(74.05-74.05)^2)$	0.21
			6.66
I-21	al	$^1((7.50-6.20)^2+(75.61-75.61)^2)$	1.30
2662.60		$^1((11.45-7.50)^2+(72.97-75.61)^2)$	4.75
		$^1((11.58-11.45)^2+(72.97-72.97)^2)$	0.13
			6.18
I-22	al	$^1((4.46-3.13)^2+(73.96-73.96)^2)$	1.33
2687.56		$^1((7.96-4.46)^2+(71.96-73.96)^2)$	4.03
		$^1((11.73-7.96)^2+(71.96-71.96)^2)$	3.77
			9.13
I-23	al	$^1((2.95-1.65)^2+(73.12-73.12)^2)$	1.30
2698.16		$^1((5.73-2.95)^2+(71.54-73.12)^2)$	3.20
		$^1((11.27-5.73)^2+(71.54-71.54)^2)$	5.54
			10.04
I-24	al	$^1((2.50-1.20)^2+(72.03-72.03)^2)$	1.30
2712.66		$^1((4.37-2.50)^2+(70.96-72.03)^2)$	2.15
		$^1((9.80-4.37)^2+(70.96-70.96)^2)$	5.43
			8.88
I-25	al	$^1((2.50-1.20)^2+(70.14-70.14)^2)$	1.30
2737.75		$^1((2.81-2.50)^2+(69.97-70.14)^2)$	0.35
			1.65
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TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE LUNGHEZZE		Foglio n. 31	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
T-1	b1	$^1((-9.00-7.77)^2+(93.00-93.00)^2)$	1.23		
2124.86		$^1((-17.75-9.00)^2+(98.00-93.00)^2)$	10.08		
		$^1((-19.75-17.75)^2+(98.00-98.00)^2)$	2.00		
		$^1((-28.93-19.75)^2+(103.24-98.00)^2)$	10.57		
T-2	b1	$^1((-8.49-7.27)^2+(92.45-92.45)^2)$	1.22		23.88
2155.31		$^1((-17.24-8.49)^2+(97.45-92.45)^2)$	10.08		
		$^1((-19.24-17.24)^2+(97.45-97.45)^2)$	2.00		
		$^1((-29.81-19.24)^2+(103.48-97.45)^2)$	12.17		
T-3	b1	$^1((-7.75-6.53)^2+(91.96-91.96)^2)$	1.22		25.47
2180.63		$^1((-16.50-7.75)^2+(96.96-91.96)^2)$	10.08		
		$^1((-18.50-16.50)^2+(96.96-96.96)^2)$	2.00		
		$^1((-27.25-18.50)^2+(101.96-96.96)^2)$	10.08		
		$^1((-29.49-27.25)^2+(101.96-101.96)^2)$	2.24		
		$^1((-35.42-29.49)^2+(105.35-101.96)^2)$	6.83		
T-4	b1	$^1((-7.75-6.53)^2+(91.53-91.53)^2)$	1.22		32.45
2206.04		$^1((-14.18-7.75)^2+(95.21-91.53)^2)$	7.41		
T-11	b1	$^1((-33.40-32.74)^2+(84.95-84.95)^2)$	0.66		8.63
2457.07		$^1((-33.89-33.40)^2+(85.23-84.95)^2)$	0.56		
T-11	b2	$^1((-7.75-6.52)^2+(82.33-82.33)^2)$	1.23		1.22
2457.07		$^1((-30.07-7.75)^2+(82.33-82.33)^2)$	22.32		
T-12	b1	$^1((-33.64-32.98)^2+(89.26-89.26)^2)$	0.66		23.55
2463.32		$^1((-33.67-33.64)^2+(89.27-89.26)^2)$	0.03		
T-12	b2	$^1((-7.80-6.58)^2+(82.07-82.07)^2)$	1.22		0.69
2463.32		$^1((-29.85-7.80)^2+(82.07-82.07)^2)$	22.05		
T-13	b2	$^1((-33.72-33.07)^2+(92.50-92.50)^2)$	0.65		23.27
2472.88		$^1((-36.26-33.72)^2+(93.95-92.50)^2)$	2.92		
		$^1((-40.42-36.26)^2+(93.95-93.95)^2)$	4.16		7.73
T-13	b1	$^1((-9.05-7.83)^2+(81.66-81.66)^2)$	1.22		21.70
2472.88		$^1((-29.53-9.05)^2+(81.66-81.66)^2)$	20.48		
T-14	b2	$^1((-32.24-31.58)^2+(91.67-91.67)^2)$	0.66		12.08
2486.67		$^1((-39.29-32.24)^2+(95.70-91.67)^2)$	8.12		
		$^1((-42.59-39.29)^2+(95.70-95.70)^2)$	3.30		
T-14	b1	$^1((-11.44-10.22)^2+(81.13-81.13)^2)$	1.22		17.81
2486.67		$^1((-28.03-11.44)^2+(81.13-81.13)^2)$	16.59		
T-15	b1	$^1((-26.46-25.80)^2+(90.25-90.25)^2)$	0.66		13.95
2512.44		$^1((-38.00-26.46)^2+(96.84-90.25)^2)$	13.29		
T-16	b1	$^1((-26.18-25.53)^2+(85.21-85.21)^2)$	0.65		7.96
2537.59		$^1((-32.53-26.18)^2+(88.84-85.21)^2)$	7.31		
T-18	b1	$^1((-26.18-25.53)^2+(83.47-83.47)^2)$	0.65		
A RIPORTARE ml			0.65		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE LUNGHEZZE		Foglio n. 32	
SEMINA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			0.65		
2587.58		$^1((-34.93-26.18)^2+(88.47-83.47)^2)$	10.08		
		$^1((-36.93-34.93)^2+(88.47-88.47)^2)$	2.00		
		$^1((-44.86-36.93)^2+(93.00-88.47)^2)$	9.13		
				21.86	
I-19	b1	$^1((-26.71-26.05)^2+(87.91-87.91)^2)$	0.66		
2612.58		$^1((-33.70-26.71)^2+(91.90-87.91)^2)$	8.05		
				8.71	
I-20	b1	$^1((-26.71-26.05)^2+(87.03-87.03)^2)$	0.66		
2637.59		$^1((-34.96-26.71)^2+(91.74-87.03)^2)$	9.50		
				10.16	
I-21	b1	$^1((-26.71-26.06)^2+(86.04-86.04)^2)$	0.65		
2662.60		$^1((-35.46-26.71)^2+(91.04-86.04)^2)$	10.08		
		$^1((-37.46-35.46)^2+(91.04-91.04)^2)$	2.00		
		$^1((-41.75-37.46)^2+(93.49-91.04)^2)$	4.94		
				17.67	
I-22	b2	$^1((-25.89-25.24)^2+(84.73-84.73)^2)$	0.65		
2687.56		$^1((-31.30-25.89)^2+(87.82-84.73)^2)$	6.23		
				6.88	
I-22	b1	$^1((-12.31-11.08)^2+(73.58-73.58)^2)$	1.23		
2687.56		$^1((-21.71-12.31)^2+(73.58-73.58)^2)$	9.40		
				10.63	
I-23	b2	$^1((-26.52-25.87)^2+(85.06-85.06)^2)$	0.65		
2698.16		$^1((-30.61-26.52)^2+(87.39-85.06)^2)$	4.71		
				5.36	
I-23	b1	$^1((-7.74-6.51)^2+(72.90-72.90)^2)$	1.23		
2698.16		$^1((-22.23-7.74)^2+(72.90-72.90)^2)$	14.49		
				15.72	
I-24	b2	$^1((-17.54-16.89)^2+(77.01-77.01)^2)$	0.65		
2712.66		$^1((-26.29-17.54)^2+(82.01-77.01)^2)$	10.08		
		$^1((-28.29-26.29)^2+(82.01-82.01)^2)$	2.00		
		$^1((-30.40-28.29)^2+(83.22-82.01)^2)$	2.43		
				15.16	
I-24	b1	$^1((-7.75-6.53)^2+(71.81-71.81)^2)$	1.22		
2712.66		$^1((-13.95-7.75)^2+(71.81-71.81)^2)$	6.20		
				7.42	
I-25	b1	$^1((-7.75-6.53)^2+(69.93-69.93)^2)$	1.22		
2737.75		$^1((-16.50-7.75)^2+(74.93-69.93)^2)$	10.08		
		$^1((-18.50-16.50)^2+(74.93-74.93)^2)$	2.00		
		$^1((-27.67-18.50)^2+(80.17-74.93)^2)$	10.56		
		$^1((-31.22-27.67)^2+(80.17-80.17)^2)$	3.55		
		$^1((-35.49-31.22)^2+(80.17-80.17)^2)$	4.27		
				31.68	
I-26	b1	$^1((-7.75-6.53)^2+(68.05-68.05)^2)$	1.22		
2764.22		$^1((-16.50-7.75)^2+(73.05-68.05)^2)$	10.08		
		$^1((-18.50-16.50)^2+(73.05-73.05)^2)$	2.00		
		$^1((-25.83-18.50)^2+(77.24-73.05)^2)$	8.44		
				21.74	
I-27	b1	$^1((-7.75-6.53)^2+(67.10-67.10)^2)$	1.22		
2781.30		$^1((-16.50-7.75)^2+(72.10-67.10)^2)$	10.08		
		$^1((-18.50-16.50)^2+(72.10-72.10)^2)$	2.00		
		$^1((-25.49-18.50)^2+(76.09-72.10)^2)$	8.05		
				21.35	
A RIPORTARE ml			21.35		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml				21.35		
T-28	b1		$\frac{1}{2}((-7.75-6.52)^2+(66.84-66.84)^2)$	1.23	21.35	
2787.71			$\frac{1}{2}((-17.88-7.75)^2+(72.63-66.84)^2)$	11.67	12.90	
T-29	b1		$\frac{1}{2}((-8.31-7.09)^2+(65.90-65.90)^2)$	1.22		
2812.44			$\frac{1}{2}((-17.24-8.31)^2+(71.00-65.90)^2)$	10.28	11.50	
T-30	b1		$\frac{1}{2}((-8.50-7.28)^2+(64.81-64.81)^2)$	1.22		
2839.35			$\frac{1}{2}((-17.59-8.50)^2+(70.00-64.81)^2)$	10.47	11.69	
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TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 34						
SCOTICO						
T-6	c1		$\sqrt{(-16.03-23.55)^2+(81.80-81.27)^2}$	7.54		
2260.19			$\sqrt{(-8.99-16.03)^2+(81.74-81.80)^2}$	7.04	14.58	
T-7	c1		$\sqrt{(-1.80-5.08)^2+(79.98-80.73)^2}$	6.92		
2267.67			$\sqrt{(-9.90-1.80)^2+(79.74-79.98)^2}$	8.10		
			$\sqrt{(-25.99-9.90)^2+(78.74-79.74)^2}$	16.12		
			$\sqrt{(-27.74-25.99)^2+(78.67-78.74)^2}$	1.75	32.89	
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COLLEGAMENTI VERSANTE CALABRIA - ASSE T

CALCOLO DELLE LUNGHEZZE Foglio n. 35

SCOTICO SU GRADONATURA

N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
---------------------	------	---------------------	-------------------------------	---------------------------	------

T-6	e1	$\sqrt{(-4.86-8.99)^2+(84.49-81.74)^2}$	4.96		
2260.19		$\sqrt{(-2.86-4.86)^2+(84.49-84.49)^2}$	2.00		
		$\sqrt{(4.22-2.86)^2+(89.21-84.49)^2}$	8.51		
		$\sqrt{(5.14-4.22)^2+(89.49-89.21)^2}$	0.96		
				16.43	

Il Direttore dei Lavori L'Impresa

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 36						
BONIFICA RILEVATO						
T-6	f1		$\sqrt{(-16.03-23.55)^2+(81.80-81.27)^2}$	7.54		
2260.19			$\sqrt{(-8.99-16.03)^2+(81.74-81.80)^2}$	7.04		
T-7	f1		$\sqrt{(-1.80-5.08)^2+(79.98-80.73)^2}$	6.92	14.58	
2267.67			$\sqrt{(-9.90-1.80)^2+(79.74-79.98)^2}$	8.10		
			$\sqrt{(-25.99-9.90)^2+(78.74-79.74)^2}$	16.12		
			$\sqrt{(-27.74-25.99)^2+(78.67-78.74)^2}$	1.75	32.89	
Il Direttore dei Lavori L'Impresa						

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE LUNGHEZZE		Foglio n. 37	
USURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
P-1	g1	$^1((0.00-6.75)^2+(92.43-92.90)^2)$	6.77		
P-2	g1	$^1((0.51-6.24)^2+(91.87-92.35)^2)$	6.77	6.77	
P-3	g1	$^1((1.71-5.50)^2+(91.36-91.86)^2)$	7.23	6.77	
P-4	g1	$^1((3.63-5.50)^2+(90.79-91.43)^2)$	9.15	7.23	
P-5	g1	$^1((-5.50-5.91)^2+(90.87-90.15)^2)$	11.43	9.15	
2228.58		$^1((-5.60-5.50)^2+(90.87-90.87)^2)$	0.10	11.53	
P-6	g1	$^1((-5.50-5.60)^2+(89.98-89.98)^2)$	0.10		
2260.19		$^1((1.00-5.50)^2+(89.68-89.98)^2)$	6.51	6.71	
		$^1((1.10-1.00)^2+(89.68-89.68)^2)$	0.10		
P-7	g1	$^1((1.20-5.70)^2+(89.47-89.78)^2)$	6.91	6.91	
P-10b	g1	$^1((1.00-5.50)^2+(82.34-82.23)^2)$	6.50		
2457.06		$^1((1.10-1.00)^2+(82.34-82.34)^2)$	0.10	6.60	
P-11	g1	$^1((1.00-5.50)^2+(82.34-82.23)^2)$	6.50		
2457.07		$^1((1.10-1.00)^2+(82.34-82.34)^2)$	0.10	6.60	
P-12	g1	$^1((1.00-5.55)^2+(82.10-81.97)^2)$	6.55		
2463.32		$^1((1.10-1.00)^2+(82.10-82.10)^2)$	0.10	6.65	
P-13	g1	$^1((1.01-6.80)^2+(81.75-81.56)^2)$	7.81		
2472.88		$^1((1.11-1.01)^2+(81.76-81.75)^2)$	0.10	7.91	
P-14	g1	$^1((1.07-9.19)^2+(81.29-81.03)^2)$	10.26		
2486.67		$^1((1.17-1.07)^2+(81.29-81.29)^2)$	0.10	10.36	
P-15	g1	$^1((5.98-20.34)^2+(80.63-79.97)^2)$	26.33		
2512.44		$^1((6.08-5.98)^2+(80.63-80.63)^2)$	0.10	26.43	
P-16	g1	$^1((6.00-20.50)^2+(79.87-79.21)^2)$	26.51		
2537.59		$^1((6.10-6.00)^2+(79.88-79.87)^2)$	0.10	26.61	
P-17	g1	$^1((6.00-20.50)^2+(78.95-78.29)^2)$	26.51		
2566.03		$^1((6.10-6.00)^2+(78.95-78.95)^2)$	0.10	26.61	
P-18	g1	$^1((6.00-20.50)^2+(78.20-77.53)^2)$	26.51		
2587.58		$^1((6.10-6.00)^2+(78.20-78.20)^2)$	0.10	26.61	
P-19	g1	$^1((6.00-20.50)^2+(77.32-76.66)^2)$	26.51		
2612.58		$^1((6.10-6.00)^2+(77.32-77.32)^2)$	0.10	26.61	
P-20	g1	$^1((6.00-20.50)^2+(76.45-75.78)^2)$	26.51		
2637.59		$^1((6.10-6.00)^2+(76.45-76.45)^2)$	0.10	26.61	
P-21	g1	$^1((6.00-20.50)^2+(75.45-74.79)^2)$	26.51		
2662.60		$^1((6.10-6.00)^2+(75.45-75.45)^2)$	0.10	26.61	
A RIPORTARE ml					

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml						
P-22	g1		$^1((2.93-10.06)^2+(73.80-73.48)^2)$	12.99		
2687.56			$^1(3.03-2.93)^2+(73.80-73.80)^2)$	0.10		
P-23	g1		$^1((1.45-5.49)^2+(72.97-72.80)^2)$	6.94	13.09	
2698.16			$^1(1.55-1.45)^2+(72.97-72.97)^2)$	0.10		
P-24	g1		$^1((1.00-5.50)^2+(71.87-71.71)^2)$	6.50	7.04	
2712.66			$^1(1.10-1.00)^2+(71.87-71.87)^2)$	0.10		
P-25	g1		$^1((1.00-1.10)^2+(69.99-69.99)^2)$	0.10	6.60	
2737.75			$^1((-5.50-1.00)^2+(69.83-69.99)^2)$	6.50		
P-26	g1		$^1((-5.50-1.99)^2+(67.95-68.23)^2)$	7.50	7.50	
P-27	g1		$^1((-5.50-0.00)^2+(67.00-67.35)^2)$	5.51	5.51	
P-28	g1		$^1((-5.50-0.00)^2+(66.74-67.11)^2)$	5.51	5.51	
P-29	g1		$^1((-6.06-0.00)^2+(65.80-66.21)^2)$	6.07	6.07	
P-30	g1		$^1((-6.25-0.00)^2+(64.71-65.13)^2)$	6.26	6.26	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE LUNGHEZZE		Foglio n. 39	
BINDER					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
P-1	h1	$^1 ((0.00-6.75)^2+(92.38-92.85)^2)$	6.77		
P-2	h1	$^1 ((0.51-6.24)^2+(91.82-92.30)^2)$	6.77	6.77	
P-3	h1	$^1 ((1.71-5.50)^2+(91.31-91.81)^2)$	7.23	6.77	
P-4	h1	$^1 ((3.63-5.50)^2+(90.74-91.38)^2)$	9.15	7.23	
P-5	h1	$^1 ((-5.50-5.91)^2+(90.82-90.10)^2)$	11.43	9.15	
2228.58		$^1 ((-5.70-5.50)^2+(90.83-90.82)^2)$	0.20		
P-6	h1	$^1 ((-5.50-5.70)^2+(89.93-89.93)^2)$	0.20	11.63	
2260.19		$^1 ((1.00-5.50)^2+(89.63-89.93)^2)$	6.51		
		$^1 ((1.20-1.00)^2+(89.62-89.63)^2)$	0.20	6.91	
P-7	h1	$^1 ((1.20-5.70)^2+(89.42-89.73)^2)$	6.91	6.91	
P-10b	h1	$^1 ((1.00-5.50)^2+(82.29-82.18)^2)$	6.50	6.91	
2457.06		$^1 ((1.20-1.00)^2+(82.29-82.29)^2)$	0.20		
P-11	h1	$^1 ((1.00-5.50)^2+(82.29-82.18)^2)$	6.50	6.70	
2457.07		$^1 ((1.20-1.00)^2+(82.29-82.29)^2)$	0.20		
P-12	h1	$^1 ((1.00-5.55)^2+(82.05-81.92)^2)$	6.55	6.70	
2463.32		$^1 ((1.20-1.00)^2+(82.06-82.05)^2)$	0.20		
P-13	h1	$^1 ((1.01-6.80)^2+(81.70-81.51)^2)$	7.81	6.75	
2472.88		$^1 ((1.21-1.01)^2+(81.71-81.70)^2)$	0.20		
P-14	h1	$^1 ((1.07-9.19)^2+(81.24-80.98)^2)$	10.26	8.01	
2486.67		$^1 ((1.27-1.07)^2+(81.24-81.24)^2)$	0.20		
P-15	h1	$^1 ((5.98-20.34)^2+(80.58-79.92)^2)$	26.33	10.46	
2512.44		$^1 ((6.18-5.98)^2+(80.58-80.58)^2)$	0.20		
P-16	h1	$^1 ((6.00-20.50)^2+(79.82-79.16)^2)$	26.51	26.53	
2537.59		$^1 ((6.20-6.00)^2+(79.83-79.82)^2)$	0.20		
P-17	h1	$^1 ((6.00-20.50)^2+(78.90-78.24)^2)$	26.51	26.71	
2566.03		$^1 ((6.20-6.00)^2+(78.90-78.90)^2)$	0.20		
P-18	h1	$^1 ((6.00-20.50)^2+(78.15-77.48)^2)$	26.51	26.71	
2587.58		$^1 ((6.20-6.00)^2+(78.15-78.15)^2)$	0.20		
P-19	h1	$^1 ((6.00-20.50)^2+(77.27-76.61)^2)$	26.51	26.71	
2612.58		$^1 ((6.20-6.00)^2+(77.28-77.27)^2)$	0.20		
P-20	h1	$^1 ((6.00-20.50)^2+(76.40-75.73)^2)$	26.51	26.71	
2637.59		$^1 ((6.20-6.00)^2+(76.40-76.40)^2)$	0.20		
P-21	h1	$^1 ((6.00-20.50)^2+(75.40-74.74)^2)$	26.51	26.71	
2662.60		$^1 ((6.20-6.00)^2+(75.41-75.40)^2)$	0.20		
A RIPORTARE ml					

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml						
P-22	h1		$^1((2.93-10.06)^2+(73.75-73.43)^2)$	12.99		
2687.56			$^1((3.13-2.93)^2+(73.76-73.75)^2)$	0.20		
P-23	h1		$^1((1.45-5.49)^2+(72.92-72.75)^2)$	6.94	13.19	
2698.16			$^1((1.65-1.45)^2+(72.92-72.92)^2)$	0.20		
P-24	h1		$^1((1.00-5.50)^2+(71.82-71.66)^2)$	6.50	7.14	
2712.66			$^1((1.20-1.00)^2+(71.83-71.82)^2)$	0.20		
P-25	h1		$^1((1.00-1.20)^2+(69.94-69.94)^2)$	0.20	6.70	
2737.75			$^1((-5.50-1.00)^2+(69.78-69.94)^2)$	6.50		
P-26	h1		$^1((-5.50-1.99)^2+(67.90-68.18)^2)$	7.50	6.70	
P-27	h1		$^1((-5.50-0.00)^2+(66.95-67.30)^2)$	5.51	7.50	
P-28	h1		$^1((-5.50-0.00)^2+(66.69-67.06)^2)$	5.51	5.51	
P-29	h1		$^1((-6.06-0.00)^2+(65.75-66.16)^2)$	5.51	5.51	
P-30	h1		$^1((-6.25-0.00)^2+(64.66-65.08)^2)$	6.07	6.07	
				6.26	6.26	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
CALCOLO DELLE LUNGHEZZE Foglio n. 41						
BASE						
T-1	i1		$^1((0.00-6.75)^2+(92.23-92.70)^2)$	6.77		
T-2	i1		$^1((0.51-6.24)^2+(91.67-92.15)^2)$	6.77	6.77	
T-3	i1		$^1((1.71-5.50)^2+(91.16-91.66)^2)$	7.23	6.77	
T-4	i1		$^1((3.63-5.50)^2+(90.59-91.23)^2)$	9.15	7.23	
T-5	i1		$^1((-5.50-5.91)^2+(90.67-89.95)^2)$	11.43	9.15	
2228.58			$^1((-5.94-5.50)^2+(90.69-90.67)^2)$	0.44	11.87	
T-6	i1		$^1((-5.50-5.94)^2+(89.78-89.80)^2)$	0.44		
2260.19			$^1((1.00-5.50)^2+(89.48-89.78)^2)$	6.51	7.41	
			$^1((1.46-1.00)^2+(89.46-89.48)^2)$	0.46		
T-7	i1		$^1((-5.50-5.94)^2+(89.57-89.59)^2)$	0.44	7.41	
2267.67			$^1((1.00-5.50)^2+(89.28-89.57)^2)$	6.51		
			$^1((1.46-1.00)^2+(89.26-89.28)^2)$	0.46	7.41	
T-11	i1		$^1((1.00-5.50)^2+(82.14-82.03)^2)$	6.50		
2457.07			$^1((1.45-1.00)^2+(82.15-82.14)^2)$	0.45	6.95	
T-12	i1		$^1((1.00-5.55)^2+(81.90-81.77)^2)$	6.55		
2463.32			$^1((1.45-1.00)^2+(81.91-81.90)^2)$	0.45	7.00	
T-13	i1		$^1((1.01-6.80)^2+(81.55-81.36)^2)$	7.81		
2472.88			$^1((1.46-1.01)^2+(81.57-81.55)^2)$	0.45	8.26	
T-14	i1		$^1((1.07-9.19)^2+(81.09-80.83)^2)$	10.26		
2486.67			$^1((1.52-1.07)^2+(81.10-81.09)^2)$	0.45	10.71	
T-15	i1		$^1((5.98-20.34)^2+(80.43-79.77)^2)$	26.33		
2512.44			$^1((6.42-5.98)^2+(80.44-80.43)^2)$	0.44	26.77	
T-16	i1		$^1((6.00-20.50)^2+(79.67-79.01)^2)$	26.51		
2537.59			$^1((6.44-6.00)^2+(79.69-79.67)^2)$	0.44	26.95	
T-17	i1		$^1((6.00-20.50)^2+(78.75-78.09)^2)$	26.51		
2566.03			$^1((6.44-6.00)^2+(78.76-78.75)^2)$	0.44	26.95	
T-18	i1		$^1((6.00-20.50)^2+(78.00-77.33)^2)$	26.51		
2587.58			$^1((6.44-6.00)^2+(78.01-78.00)^2)$	0.44	26.95	
T-19	i1		$^1((6.00-20.50)^2+(77.12-76.46)^2)$	26.51		
2612.58			$^1((6.44-6.00)^2+(77.13-77.12)^2)$	0.44	26.95	
T-20	i1		$^1((6.00-20.50)^2+(76.25-75.58)^2)$	26.51		
2637.59			$^1((6.44-6.00)^2+(76.26-76.25)^2)$	0.44	26.95	
T-21	i1		$^1((6.00-20.50)^2+(75.25-74.59)^2)$	26.51		
2662.60			$^1((6.44-6.00)^2+(75.26-75.25)^2)$	0.44	26.95	
T-22	i1		$^1((2.93-10.06)^2+(73.60-73.28)^2)$	12.99		
A RIPORTARE ml				12.99		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE	LUNGHEZZA FIGURA	NOTE
PROG.				ml	ml	
RIPORTO ml				12.99		
2687.56			$^1((3.38-2.93)^2+(73.61-73.60)^2)$	0.45		
T-23	i1		$^1((1.45-5.49)^2+(72.77-72.60)^2)$	6.94	13.44	
2698.16			$^1((1.90-1.45)^2+(72.78-72.77)^2)$	0.45		
T-24	i1		$^1((1.00-5.50)^2+(71.67-71.51)^2)$	6.50	7.39	
2712.66			$^1((1.44-1.00)^2+(71.68-71.67)^2)$	0.44		
T-25	i1		$^1((1.00-1.44)^2+(69.79-69.80)^2)$	0.44	6.94	
2737.75			$^1((-5.50-1.00)^2+(69.63-69.79)^2)$	6.50		
T-26	i1		$^1((-5.50-1.99)^2+(67.75-68.03)^2)$	7.50	7.50	
T-27	i1		$^1((-5.50-0.00)^2+(66.80-67.15)^2)$	5.51	5.51	
T-28	i1		$^1((-5.50-0.00)^2+(66.54-66.91)^2)$	5.51	5.51	
T-29	i1		$^1((-6.06-0.00)^2+(65.60-66.01)^2)$	6.07	6.07	
T-30	i1		$^1((-6.25-0.00)^2+(64.51-64.93)^2)$	6.26	6.26	
Il Direttore dei Lavori				L'Impresa		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

CALCOLO DELLE LUNGHEZZE		Foglio n. 43	
FONDAZIONE			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
I-1	ml	$^1((0.00-6.75)^2+(91.78-92.25)^2)$	6.77
I-2	ml	$^1((0.51-6.24)^2+(91.22-91.70)^2)$	6.77
I-3	ml	$^1((1.71-5.50)^2+(90.71-91.21)^2)$	7.23
I-4	ml	$^1((3.63-5.50)^2+(90.14-90.78)^2)$	9.15
I-5	ml	$^1((-5.50-5.91)^2+(90.22-89.50)^2)$	11.43
2228.58		$^1((-6.36-5.50)^2+(90.27-90.22)^2)$	0.86
I-6	ml	$^1((-5.50-6.37)^2+(89.33-89.36)^2)$	0.87
2260.19		$^1((1.00-5.50)^2+(89.03-89.33)^2)$	6.51
		$^1((1.93-1.00)^2+(88.99-89.03)^2)$	0.93
I-7	ml	$^1((-5.50-6.37)^2+(89.12-89.16)^2)$	0.87
2267.67		$^1((1.00-5.50)^2+(88.83-89.12)^2)$	6.51
		$^1((1.93-1.00)^2+(88.79-88.83)^2)$	0.93
I-11	ml	$^1((1.00-5.50)^2+(81.69-81.58)^2)$	6.50
2457.07		$^1((1.89-1.00)^2+(81.71-81.69)^2)$	0.89
I-12	ml	$^1((1.00-5.55)^2+(81.45-81.32)^2)$	6.55
2463.32		$^1((1.89-1.00)^2+(81.47-81.45)^2)$	0.89
I-13	ml	$^1((1.01-6.80)^2+(81.10-80.91)^2)$	7.81
2472.88		$^1((1.90-1.01)^2+(81.13-81.10)^2)$	0.89
I-14	ml	$^1((1.07-9.19)^2+(80.64-80.38)^2)$	10.26
2486.67		$^1((1.96-1.07)^2+(80.66-80.64)^2)$	0.89
I-15	ml	$^1((5.98-20.34)^2+(79.98-79.32)^2)$	26.33
2512.44		$^1((6.86-5.98)^2+(80.00-79.98)^2)$	0.88
I-16	ml	$^1((6.00-20.50)^2+(79.22-78.56)^2)$	26.51
2537.59		$^1((6.88-6.00)^2+(79.25-79.22)^2)$	0.88
I-17	ml	$^1((6.00-20.50)^2+(78.30-77.64)^2)$	26.51
2566.03		$^1((6.88-6.00)^2+(78.32-78.30)^2)$	0.88
I-18	ml	$^1((6.00-20.50)^2+(77.55-76.88)^2)$	26.51
2587.58		$^1((6.88-6.00)^2+(77.57-77.55)^2)$	0.88
I-19	ml	$^1((6.00-20.50)^2+(76.67-76.01)^2)$	26.51
2612.58		$^1((6.88-6.00)^2+(76.69-76.67)^2)$	0.88
I-20	ml	$^1((6.00-20.50)^2+(75.80-75.13)^2)$	26.51
2637.59		$^1((6.88-6.00)^2+(75.82-75.80)^2)$	0.88
I-21	ml	$^1((6.00-20.50)^2+(74.80-74.14)^2)$	26.51
2662.60		$^1((6.88-6.00)^2+(74.82-74.80)^2)$	0.88
I-22	ml	$^1((2.93-10.06)^2+(73.15-72.83)^2)$	12.99
		A RIPORTARE ml	12.99

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

CALCOLO DELLE LUNGHEZZE		Foglio n. 44	
FONDAZIONE			
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	NOTE
		LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml
		RIPORTO ml	12.99
2687.56		$^1((3.82-2.93)^2+(73.17-73.15)^2)$	0.89
I-23	ml	$^1((1.45-5.49)^2+(72.32-72.15)^2)$	6.94
2698.16		$^1((2.34-1.45)^2+(72.34-72.32)^2)$	0.89
I-24	ml	$^1((1.00-5.50)^2+(71.22-71.06)^2)$	6.50
2712.66		$^1((1.88-1.00)^2+(71.24-71.22)^2)$	0.88
I-25	ml	$^1((1.00-1.88)^2+(69.34-69.36)^2)$	0.88
2737.75		$^1((-5.50-1.00)^2+(69.18-69.34)^2)$	6.50
I-26	ml	$^1((-5.50-1.99)^2+(67.30-67.58)^2)$	7.50
I-27	ml	$^1((-5.50-0.00)^2+(66.35-66.70)^2)$	5.51
I-28	ml	$^1((-5.50-0.00)^2+(66.09-66.46)^2)$	5.51
I-29	ml	$^1((-6.06-0.00)^2+(65.15-65.56)^2)$	6.07
I-30	ml	$^1((-6.25-0.00)^2+(64.06-64.48)^2)$	6.26
			13.88
			7.83
			7.38
			7.38
			7.50
			5.51
			5.51
			5.51
			6.07
			6.07
			6.26
			6.26
Il Direttore dei Lavori		L'Impresa	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

		CALCOLO DELLE LUNGHEZZE		Foglio n. 45	
BONIFICA TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
P-1	b1	$^1((0.00-6.75)^2+(91.78-92.25)^2)$	6.77		
P-2	b1	$^1((0.51-6.24)^2+(91.22-91.70)^2)$	6.77	6.77	
P-3	b1	$^1((1.71-5.50)^2+(90.71-91.21)^2)$	7.23	6.77	
P-4	b1	$^1((3.63-5.50)^2+(90.14-90.78)^2)$	9.15	7.23	
P-5	b1	$^1((-5.50-5.91)^2+(90.22-89.50)^2)$	11.43	9.15	
2228.58		$^1((-6.36-5.50)^2+(90.27-90.22)^2)$	0.86	11.43	
P-11	b1	$^1((1.00-5.50)^2+(81.69-81.58)^2)$	6.50	12.29	
2457.07		$^1((1.89-1.00)^2+(81.71-81.69)^2)$	0.89	6.50	
P-12	b1	$^1((1.00-5.55)^2+(81.45-81.32)^2)$	6.55	7.39	
2463.32		$^1((1.89-1.00)^2+(81.47-81.45)^2)$	0.89	6.55	
P-13	b1	$^1((1.01-6.80)^2+(81.10-80.91)^2)$	7.81	7.44	
2472.88		$^1((1.90-1.01)^2+(81.13-81.10)^2)$	0.89	7.81	
P-14	b1	$^1((1.07-9.19)^2+(80.64-80.38)^2)$	10.26	8.70	
2486.67		$^1((1.96-1.07)^2+(80.66-80.64)^2)$	0.89	10.26	
P-15	b1	$^1((5.98-20.34)^2+(79.98-79.32)^2)$	26.33	11.15	
2512.44		$^1((6.86-5.98)^2+(80.00-79.98)^2)$	0.88	26.33	
P-16	b1	$^1((6.00-20.50)^2+(79.22-78.56)^2)$	26.51	27.21	
2537.59		$^1((6.88-6.00)^2+(79.25-79.22)^2)$	0.88	26.51	
P-18	b1	$^1((2.80-20.50)^2+(77.47-76.88)^2)$	23.31	27.39	
P-19	b1	$^1((6.00-20.50)^2+(76.67-76.01)^2)$	26.51	23.31	
2612.58		$^1((6.88-6.00)^2+(76.69-76.67)^2)$	0.88	26.51	
P-20	b1	$^1((6.00-20.50)^2+(75.80-75.13)^2)$	26.51	27.39	
2637.59		$^1((6.88-6.00)^2+(75.82-75.80)^2)$	0.88	26.51	
P-21	b1	$^1((6.00-20.50)^2+(74.80-74.14)^2)$	26.51	27.39	
2662.60		$^1((6.88-6.00)^2+(74.82-74.80)^2)$	0.88	26.51	
P-22	b1	$^1((2.93-10.06)^2+(73.15-72.83)^2)$	12.99	13.88	
2687.56		$^1((3.82-2.93)^2+(73.17-73.15)^2)$	0.89	12.99	
P-23	b1	$^1((1.45-5.49)^2+(72.32-72.15)^2)$	6.94	7.83	
2698.16		$^1((2.34-1.45)^2+(72.34-72.32)^2)$	0.89	6.94	
P-24	b1	$^1((1.00-5.50)^2+(71.22-71.06)^2)$	6.50	7.38	
2712.66		$^1((1.88-1.00)^2+(71.24-71.22)^2)$	0.88	6.50	
P-25	b1	$^1((1.00-1.88)^2+(69.34-69.36)^2)$	0.88	7.38	
2737.75		$^1((-5.50-1.00)^2+(69.18-69.34)^2)$	6.50	0.88	
P-26	b1	$^1((-5.50-1.99)^2+(67.30-67.58)^2)$	7.50	7.38	
A RIPORTARE ml			7.50		

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

N. SEZIONE		FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml				7.50		
P-27	p1		$^1((-5.50-0.00)^2+(66.35-66.70)^2)$	5.51	7.50	
P-28	p1		$^1((-5.50-0.00)^2+(66.09-66.46)^2)$	5.51	5.51	
P-29	p1		$^1((-6.06-0.00)^2+(65.15-65.56)^2)$	6.07	5.51	
P-30	p1		$^1((-6.25-0.00)^2+(64.06-64.48)^2)$	6.26	6.07	
					6.26	
Il Direttore dei Lavori			L'Impresa			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DEI VOLUMI										Foglio n.	47
VEGETALE IN RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
T-4	T-5	T-5	C1	0.91	22.54	11.27	10.256	10.256			
T-5	T-6	T-5	C1	0.91	31.61	15.81	14.387	14.387			
2228.58	2260.19	T-6	C1	6.20	31.61	15.81	98.022	98.022			
		T-6	C2	1.04	31.61	15.81	16.442	16.442			
								128.851			
T-6	T-7	T-6	C1	6.20	7.48	3.74	23.188	23.188			
2260.19	2267.67	T-6	C2	1.04	7.48	3.74	3.890	3.890			
		T-7	C1	7.67	7.48	3.74	28.686	28.686			
		T-7	C2	0.99	7.48	3.74	3.703	3.703			
								59.467			
T-7	T-7b	T-7	C1	7.67	0.01	0.00	0.000	0.000			
T-7	T-7b	T-7	C2	0.99	0.01	0.00	0.000	0.000			
T-16	T-17	T-17	C1	2.17	28.44	14.22	30.857	30.857			
								30.857			
T-17	T-18	T-17	C1	2.17	21.55	10.77	23.371	23.371			
2566.03	2587.58	T-18	C1	0.97	21.55	10.77	10.447	10.447			
								33.818			
T-18	T-19	T-18	C1	0.97	25.00	12.50	12.125	12.125			
								12.125			
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				275.374			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DEI VOLUMI										Foglio n.	48
VEGETALE IN TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
T-1	T-2	T-1	F1	7.03	30.45	15.22	106.997				
2124.86	2155.31	T-2	F1	7.42	30.45	15.22	112.932				
										219.929	
T-2	T-3	T-2	F1	7.42	25.32	12.66	93.937				
2155.31	2180.63	T-3	F1	9.72	25.32	12.66	123.055				
										216.992	
T-3	T-4	T-3	F1	9.72	25.41	12.70	123.444				
2180.63	2206.04	T-4	F1	2.64	25.41	12.70	33.528				
										156.972	
T-4	T-5	T-4	F1	2.64	22.54	11.27	29.753				
										29.753	
T-10b	T-11	T-11	F2	0.45	0.01	0.01	0.005				
2457.06	2457.07	T-11	F1	0.62	0.01	0.01	0.006				
		T-11	F3	7.05	0.01	0.01	0.070				
										0.081	
T-11	T-12	T-11	F2	0.45	6.25	3.13	1.409				
2457.07	2463.32	T-11	F1	0.62	6.25	3.13	1.941				
		T-11	F3	7.05	6.25	3.13	22.066				
		T-12	F1	0.29	6.25	3.13	0.908				
		T-12	F2	0.88	6.25	3.13	2.754				
		T-12	F3	6.97	6.25	3.13	21.816				
										50.894	
T-12	T-13	T-12	F1	0.29	9.56	4.78	1.386				
2463.32	2472.88	T-12	F2	0.88	9.56	4.78	4.206				
		T-12	F3	6.97	9.56	4.78	33.317				
		T-13	F3	2.42	9.56	4.78	11.568				
		T-13	F1	1.02	9.56	4.78	4.876				
		T-13	F2	6.51	9.56	4.78	31.118				
										86.471	
T-13	T-14	T-13	F3	2.42	13.79	6.89	16.674				
2472.88	2486.67	T-13	F1	1.02	13.79	6.89	7.028				
		T-13	F2	6.51	13.79	6.89	44.854				
		T-14	F3	3.78	13.79	6.89	26.044				
		T-14	F1	1.95	13.79	6.89	13.435				
		T-14	F2	5.37	13.79	6.89	36.999				
										145.034	
T-14	T-15	T-14	F3	3.78	25.77	12.88	48.686				
2486.67	2512.44	T-14	F1	1.95	25.77	12.88	25.116				
		T-14	F2	5.37	25.77	12.88	69.166				
		T-15	F2	4.32	25.77	12.88	55.642				
		T-15	F1	1.80	25.77	12.88	23.184				
										221.794	
T-15	T-16	T-15	F2	4.32	25.15	12.58	54.346				
2512.44	2537.59	T-15	F1	1.80	25.15	12.58	22.644				
		T-16	F2	2.58	25.15	12.58	32.456				
		T-16	F1	1.99	25.15	12.58	25.034				
										134.480	
T-16	T-17	T-16	F2	2.58	28.44	14.22	36.688				
2537.59	2566.03	T-16	F1	1.99	28.44	14.22	28.298				
										64.986	
T-17	T-18	T-18	F2	6.76	21.55	10.77	72.805				
2566.03	2587.58	T-18	F1	1.37	21.55	10.77	14.755				
										87.560	
							A RIPORTARE mc			1414.946	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DEI VOLUMI										Foglio n. 49	
VEGETALE IN TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
							A RIPORTARE mc		1414.946		
T-18 2587.58	T-19 2612.58	T-18 F2		6.76	25.00	12.50	84.500				
		T-18 F1		1.37	25.00	12.50	17.125				
		T-19 F2		2.75	25.00	12.50	34.375				
		T-19 F1		2.17	25.00	12.50	27.125			163.125	
T-19 2612.58	T-20 2637.59	T-19 F2		2.75	25.01	12.51	34.402				
		T-19 F1		2.17	25.01	12.51	27.147				
		T-20 F2		3.23	25.01	12.51	40.407				
		T-20 F1		1.97	25.01	12.51	24.645			126.601	
T-20 2637.59	T-21 2662.60	T-20 F2		3.23	25.01	12.50	40.375				
		T-20 F1		1.97	25.01	12.50	24.625				
		T-21 F2		5.50	25.01	12.50	68.750				
		T-21 F1		1.84	25.01	12.50	23.000			156.750	
T-21 2662.60	T-22 2687.56	T-21 F2		5.50	24.96	12.48	68.640				
		T-21 F1		1.84	24.96	12.48	22.963				
		T-22 F3		2.24	24.96	12.48	27.955				
		T-22 F1		2.73	24.96	12.48	34.070				
		T-22 F2		3.19	24.96	12.48	39.811			193.439	
T-22 2687.56	T-23 2698.16	T-22 F3		2.24	10.60	5.30	11.872				
		T-22 F1		2.73	10.60	5.30	14.469				
		T-22 F2		3.19	10.60	5.30	16.907				
		T-23 F3		1.74	10.60	5.30	9.222				
		T-23 F1		3.00	10.60	5.30	15.900				
		T-23 F2		4.72	10.60	5.30	25.016			93.386	
T-23 2698.16	T-24 2712.66	T-23 F3		1.74	14.50	7.25	12.615				
		T-23 F1		3.00	14.50	7.25	21.750				
		T-23 F2		4.72	14.50	7.25	34.220				
		T-24 F3		4.72	14.50	7.25	34.220				
		T-24 F1		2.65	14.50	7.25	19.212				
		T-24 F2		2.21	14.50	7.25	16.023			138.040	
T-24 2712.66	T-25 2737.75	T-24 F3		4.72	25.09	12.55	59.236				
		T-24 F1		2.65	25.09	12.55	33.258				
		T-24 F2		2.21	25.09	12.55	27.736				
		T-25 F2		10.00	25.09	12.55	125.500				
		T-25 F1		1.41	25.09	12.55	17.695			263.425	
T-25 2737.75	T-26 2764.22	T-25 F2		10.00	26.47	13.23	132.300				
		T-25 F1		1.41	26.47	13.23	18.654				
		T-26 F1		6.60	26.47	13.23	87.318				
T-26 2764.22	T-27 2781.30	T-26 F1		6.60	17.08	8.54	56.364				
		T-27 F1		6.48	17.08	8.54	55.339			238.272	
T-27 2781.30	T-28 2787.71	T-27 F1		6.48	6.41	3.20	20.736			111.703	
		T-28 F1		3.84	6.41	3.20	12.288			33.024	
							A RIPORTARE mc		2932.711		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DEI VOLUMI										Foglio n.	50
VEGETALE IN TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
							A RIPORTARE mc			2932.711	
T-28 2787.71	T-29 2812.44	T-28 T-29	F1 F1	3.84 3.41	24.73 24.73	12.37 12.37	47.501 42.182			89.683	
T-29 2812.44	T-30 2839.35	T-29 T-30	F1 F1	3.41 3.48	26.91 26.91	13.45 13.45	45.865 46.806			92.671	
		Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO		3115.065			

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DEI VOLUMI										Foglio n. 51	
GRADONATURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc			
T-5	T-6	T-6	01	0.42	31.61	15.81	6.640				
2228.58	2260.19	T-6	02	0.75	31.61	15.81	11.858				
		T-6	03	4.99	31.61	15.81	78.892				
		T-6	04	0.75	31.61	15.81	11.858				
		T-6	05	0.75	31.61	15.81	11.858				
		T-6	06	0.75	31.61	15.81	11.858				
		T-6	07	1.18	31.61	15.81	18.656				
										151.620	
T-6	T-7	T-6	01	0.42	7.48	3.74	1.571				
2260.19	2267.67	T-6	02	0.75	7.48	3.74	2.805				
		T-6	03	4.99	7.48	3.74	18.663				
		T-6	04	0.75	7.48	3.74	2.805				
		T-6	05	0.75	7.48	3.74	2.805				
		T-6	06	0.75	7.48	3.74	2.805				
		T-6	07	1.18	7.48	3.74	4.413				
										35.867	
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO						187.487	

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n. 52	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
T-4	T-5	T-5	a1	3.55	22.54	11.27	40.01		40.01		
T-5	T-6	T-5	a1	3.55	31.61	15.81	56.13				
2228.58	2260.19	T-6	a1	20.86	31.61	15.81	329.80				
		T-6	a2	3.94	31.61	15.81	62.29		448.22		
T-6	T-7	T-6	a1	20.86	7.48	3.74	78.02				
2260.19	2267.67	T-6	a2	3.94	7.48	3.74	14.74				
		T-7	a2	25.66	7.48	3.74	95.97				
		T-7	a1	3.88	7.48	3.74	14.51		203.24		
T-7	T-7b	T-7	a2	25.66	0.01	0.00	0.00				
T-7	T-7b	T-7	a1	3.88	0.01	0.00	0.00				
T-10b	T-11	T-11	a1	2.12	0.01	0.01	0.02		0.02		
T-11	T-12	T-11	a1	2.12	6.25	3.13	6.64		16.06		
2457.07	2463.32	T-12	a1	3.01	6.25	3.13	9.42				
T-12	T-13	T-12	a1	3.01	9.56	4.78	14.39		31.07		
2463.32	2472.88	T-13	a1	3.49	9.56	4.78	16.68				
T-13	T-14	T-13	a1	3.49	13.79	6.89	24.05		70.76		
2472.88	2486.67	T-14	a1	6.78	13.79	6.89	46.71				
T-14	T-15	T-14	a1	6.78	25.77	12.88	87.33		166.03		
2486.67	2512.44	T-15	a1	6.11	25.77	12.88	78.70				
T-15	T-16	T-15	a1	6.11	25.15	12.58	76.86		161.40		
2512.44	2537.59	T-16	a1	6.72	25.15	12.58	84.54				
T-16	T-17	T-16	a1	6.72	28.44	14.22	95.56		201.78		
2537.59	2566.03	T-17	a1	7.47	28.44	14.22	106.22				
T-17	T-18	T-17	a1	7.47	21.55	10.77	80.45		166.07		
2566.03	2587.58	T-18	a1	7.95	21.55	10.77	85.62				
T-18	T-19	T-18	a1	7.95	25.00	12.50	99.38		190.76		
2587.58	2612.58	T-19	a1	7.31	25.00	12.50	91.38				
T-19	T-20	T-19	a1	7.31	25.01	12.51	91.45		174.77		
2612.58	2637.59	T-20	a1	6.66	25.01	12.51	83.32				
T-20	T-21	T-20	a1	6.66	25.01	12.50	83.25		160.50		
2637.59	2662.60	T-21	a1	6.18	25.01	12.50	77.25				
T-21	T-22	T-21	a1	6.18	24.96	12.48	77.13		191.07		
2662.60	2687.56	T-22	a1	9.13	24.96	12.48	113.94				
T-22	T-23	T-22	a1	9.13	10.60	5.30	48.39		101.60		
2687.56	2698.16	T-23	a1	10.04	10.60	5.30	53.21				
T-23	T-24	T-23	a1	10.04	14.50	7.25	72.79				
2698.16	2712.66	T-24	a1	8.88	14.50	7.25	64.38				
							A RIPORTARE mq	137.17	2460.53		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev *Data*
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n. 53	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		137.17	2460.53	
T-24	T-25	T-24	al	8.88	25.09	12.55	111.44		137.17		
2712.66	2737.75	T-25	al	1.65	25.09	12.55	20.71				
T-25	T-26	T-25	al	1.65	26.47	13.23	21.83		132.15		
									21.83		
								Il Direttore dei Lavori		L'Impresa	
								TOTALE ARTICOLO		2614.51	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n.	54
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
T-1	T-2	T-1	b1	23.88	30.45	15.22	363.45				
2124.86	2155.31	T-2	b1	25.47	30.45	15.22	387.65				
										751.10	
T-2	T-3	T-2	b1	25.47	25.32	12.66	322.45				
2155.31	2180.63	T-3	b1	32.45	25.32	12.66	410.82				
										733.27	
T-3	T-4	T-3	b1	32.45	25.41	12.70	412.12				
2180.63	2206.04	T-4	b1	8.63	25.41	12.70	109.60				
										521.72	
T-4	T-5	T-4	b1	8.63	22.54	11.27	97.26				
										97.26	
T-10b	T-11	T-11	b1	1.22	0.01	0.01	0.01				
2457.06	2457.07	T-11	b2	23.55	0.01	0.01	0.24				
										0.25	
T-11	T-12	T-11	b1	1.22	6.25	3.13	3.82				
2457.07	2463.32	T-11	b2	23.55	6.25	3.13	73.71				
		T-12	b1	0.69	6.25	3.13	2.16				
		T-12	b2	23.27	6.25	3.13	72.84				
										152.53	
T-12	T-13	T-12	b1	0.69	9.56	4.78	3.30				
2463.32	2472.88	T-12	b2	23.27	9.56	4.78	111.23				
		T-13	b2	7.73	9.56	4.78	36.95				
		T-13	b1	21.70	9.56	4.78	103.73				
										255.21	
T-13	T-14	T-13	b2	7.73	13.79	6.89	53.26				
2472.88	2486.67	T-13	b1	21.70	13.79	6.89	149.51				
		T-14	b2	12.08	13.79	6.89	83.23				
		T-14	b1	17.81	13.79	6.89	122.71				
										408.71	
T-14	T-15	T-14	b2	12.08	25.77	12.88	155.59				
2486.67	2512.44	T-14	b1	17.81	25.77	12.88	229.39				
		T-15	b1	13.95	25.77	12.88	179.68				
										564.66	
T-15	T-16	T-15	b1	13.95	25.15	12.58	175.49				
2512.44	2537.59	T-16	b1	7.96	25.15	12.58	100.14				
										275.63	
T-16	T-17	T-16	b1	7.96	28.44	14.22	113.19				
										113.19	
T-17	T-18	T-18	b1	21.86	21.55	10.77	235.43				
										235.43	
T-18	T-19	T-18	b1	21.86	25.00	12.50	273.25				
2587.58	2612.58	T-19	b1	8.71	25.00	12.50	108.88				
										382.13	
T-19	T-20	T-19	b1	8.71	25.01	12.51	108.96				
2612.58	2637.59	T-20	b1	10.16	25.01	12.51	127.10				
										236.06	
T-20	T-21	T-20	b1	10.16	25.01	12.50	127.00				
2637.59	2662.60	T-21	b1	17.67	25.01	12.50	220.88				
										347.88	
T-21	T-22	T-21	b1	17.67	24.96	12.48	220.52				
2662.60	2687.56	T-22	b2	6.88	24.96	12.48	85.86				
		T-22	b1	10.63	24.96	12.48	132.66				
										439.04	
							A RIPORTARE mq			5514.07	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n. 55	
SEMINA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
A RIPORTARE mq										5514.07	
T-22 2687.56	T-23 2698.16	T-22	b2	6.88	10.60	5.30	36.46				
		T-22	b1	10.63	10.60	5.30	56.34				
		T-23	b2	5.36	10.60	5.30	28.41				
		T-23	b1	15.72	10.60	5.30	83.32				
										204.53	
T-23 2698.16	T-24 2712.66	T-23	b2	5.36	14.50	7.25	38.86				
		T-23	b1	15.72	14.50	7.25	113.97				
		T-24	b2	15.16	14.50	7.25	109.91				
		T-24	b1	7.42	14.50	7.25	53.80				
										316.54	
T-24 2712.66	T-25 2737.75	T-24	b2	15.16	25.09	12.55	190.26				
		T-24	b1	7.42	25.09	12.55	93.12				
		T-25	b1	31.68	25.09	12.55	397.58				
										680.96	
T-25 2737.75	T-26 2764.22	T-25	b1	31.68	26.47	13.23	419.13				
		T-26	b1	21.74	26.47	13.23	287.62				
										706.75	
T-26 2764.22	T-27 2781.30	T-26	b1	21.74	17.08	8.54	185.66				
		T-27	b1	21.35	17.08	8.54	182.33				
										367.99	
T-27 2781.30	T-28 2787.71	T-27	b1	21.35	6.41	3.20	68.32				
		T-28	b1	12.90	6.41	3.20	41.28				
										109.60	
T-28 2787.71	T-29 2812.44	T-28	b1	12.90	24.73	12.37	159.57				
		T-29	b1	11.50	24.73	12.37	142.26				
										301.83	
T-29 2812.44	T-30 2839.35	T-29	b1	11.50	26.91	13.45	154.67				
		T-30	b1	11.69	26.91	13.45	157.23				
										311.90	
Il Direttore dei Lavori										L'Impresa	
										TOTALE ARTICOLO	
										8514.17	

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

DALLA SEZ. DA PROG.		ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq	
T-5	T-6	T-6	c1		14.58	31.61	15.81	230.51	230.51	
T-6	T-7	T-6	c1		14.58	7.48	3.74	54.53		
2260.19	2267.67	T-7	c1		32.89	7.48	3.74	123.01		
T-7	T-7b	T-7	c1		32.89	0.01	0.00	0.00	177.54	
Il Direttore dei Lavori						L'Impresa		TOTALE ARTICOLO		408.05

TABULATI MOVIMENTI MATERIA

Codice documento
 CS0113_F0.doc

Rev
 F0

Data
 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n. 58	
BONIFICA RILEVATO											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
T-5	T-6	T-6	f1	14.58	31.61	15.81	230.51				
								230.51			
T-6	T-7	T-6	f1	14.58	7.48	3.74	54.53				
2260.19	2267.67	T-7	f1	32.89	7.48	3.74	123.01				
										177.54	
T-7	T-7b	T-7	f1	32.89	0.01	0.00	0.00				
Il Direttore dei Lavori										L'Impresa	
								TOTALE ARTICOLO		408.05	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n.	59
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
T-1	T-2	T-1	g1	6.77	30.45	15.22	103.04				
2124.86	2155.31	T-2	g1	6.77	30.45	15.22	103.04				
T-2	T-3	T-2	g1	6.77	25.32	12.66	85.71		206.08		
2155.31	2180.63	T-3	g1	7.23	25.32	12.66	91.53			177.24	
T-3	T-4	T-3	g1	7.23	25.41	12.70	91.82				
2180.63	2206.04	T-4	g1	9.15	25.41	12.70	116.21			208.03	
T-4	T-5	T-4	g1	9.15	22.54	11.27	103.12				
2206.04	2228.58	T-5	g1	11.53	22.54	11.27	129.94			233.06	
T-5	T-6	T-5	g1	11.53	31.61	15.81	182.29				
2228.58	2260.19	T-6	g1	6.71	31.61	15.81	106.09			288.38	
T-6	T-7	T-6	g1	6.71	7.48	3.74	25.10				
2260.19	2267.67	T-7	g1	6.91	7.48	3.74	25.84			50.94	
T-7	T-7b	T-7	g1	6.91	0.01	0.00	0.00				
T-10	T-10b	T-10b	g1	6.60	40.00	20.00	132.00			132.00	
T-10b	T-11	T-10b	g1	6.60	0.01	0.01	0.07				
2457.06	2457.07	T-11	g1	6.60	0.01	0.01	0.07			0.14	
T-11	T-12	T-11	g1	6.60	6.25	3.13	20.66				
2457.07	2463.32	T-12	g1	6.65	6.25	3.13	20.81			41.47	
T-12	T-13	T-12	g1	6.65	9.56	4.78	31.79				
2463.32	2472.88	T-13	g1	7.91	9.56	4.78	37.81			69.60	
T-13	T-14	T-13	g1	7.91	13.79	6.89	54.50				
2472.88	2486.67	T-14	g1	10.36	13.79	6.89	71.38			125.88	
T-14	T-15	T-14	g1	10.36	25.77	12.88	133.44				
2486.67	2512.44	T-15	g1	26.43	25.77	12.88	340.42			473.86	
T-15	T-16	T-15	g1	26.43	25.15	12.58	332.49				
2512.44	2537.59	T-16	g1	26.61	25.15	12.58	334.75			667.24	
T-16	T-17	T-16	g1	26.61	28.44	14.22	378.39				
2537.59	2566.03	T-17	g1	26.61	28.44	14.22	378.39			756.78	
T-17	T-18	T-17	g1	26.61	21.55	10.77	286.59				
2566.03	2587.58	T-18	g1	26.61	21.55	10.77	286.59			573.18	
T-18	T-19	T-18	g1	26.61	25.00	12.50	332.63				
2587.58	2612.58	T-19	g1	26.61	25.00	12.50	332.63			665.26	
T-19	T-20	T-19	g1	26.61	25.01	12.51	332.89				
2612.58	2637.59	T-20	g1	26.61	25.01	12.51	332.89			665.78	
T-20	T-21	T-20	g1	26.61	25.01	12.50	332.63				
2637.59	2662.60	T-21	g1	26.61	25.01	12.50	332.63				
A RIPORTARE mq							665.26		6000.18		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n. 60	
USURA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
A RIPORTARE mq							665.26	6000.18			
T-21	T-22	T-21	g1	26.61	24.96	12.48	332.09	665.26			
2662.60	2687.56	T-22	g1	13.09	24.96	12.48	163.36	495.45			
T-22	T-23	T-22	g1	13.09	10.60	5.30	69.38	106.69			
2687.56	2698.16	T-23	g1	7.04	10.60	5.30	37.31	98.89			
T-23	T-24	T-23	g1	7.04	14.50	7.25	51.04	165.66			
2698.16	2712.66	T-24	g1	6.60	14.50	7.25	47.85	186.55			
T-24	T-25	T-24	g1	6.60	25.09	12.55	82.83	111.11			
2712.66	2737.75	T-25	g1	6.60	25.09	12.55	82.83	35.26			
T-25	T-26	T-25	g1	6.60	26.47	13.23	87.32	143.25			
2737.75	2764.22	T-26	g1	7.50	26.47	13.23	99.23	165.84			
T-26	T-27	T-26	g1	7.50	17.08	8.54	64.05				
2764.22	2781.30	T-27	g1	5.51	17.08	8.54	47.06				
T-27	T-28	T-27	g1	5.51	6.41	3.20	17.63				
2781.30	2787.71	T-28	g1	5.51	6.41	3.20	17.63				
T-28	T-29	T-28	g1	5.51	24.73	12.37	68.16				
2787.71	2812.44	T-29	g1	6.07	24.73	12.37	75.09				
T-29	T-30	T-29	g1	6.07	26.91	13.45	81.64				
2812.44	2839.35	T-30	g1	6.26	26.91	13.45	84.20				
Il Direttore dei Lavori							L'Impresa	TOTALE ARTICOLO	7508.88		

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n. 62	
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			
A RIPORTARE mq							667.76	6029.37			
T-21	T-22	T-21	h1	26.71	24.96	12.48	333.34	667.76			
2662.60	2687.56	T-22	h1	13.19	24.96	12.48	164.61	497.95			
T-22	T-23	T-22	h1	13.19	10.60	5.30	69.91	107.75			
2687.56	2698.16	T-23	h1	7.14	10.60	5.30	37.84	100.35			
T-23	T-24	T-23	h1	7.14	14.50	7.25	51.77	168.18			
2698.16	2712.66	T-24	h1	6.70	14.50	7.25	48.58	187.87			
T-24	T-25	T-24	h1	6.70	25.09	12.55	84.09	111.11			
2712.66	2737.75	T-25	h1	6.70	25.09	12.55	84.09	35.26			
T-25	T-26	T-25	h1	6.70	26.47	13.23	88.64	143.25			
2737.75	2764.22	T-26	h1	7.50	26.47	13.23	99.23	165.84			
T-26	T-27	T-26	h1	7.50	17.08	8.54	64.05				
2764.22	2781.30	T-27	h1	5.51	17.08	8.54	47.06				
T-27	T-28	T-27	h1	5.51	6.41	3.20	17.63				
2781.30	2787.71	T-28	h1	5.51	6.41	3.20	17.63				
T-28	T-29	T-28	h1	5.51	24.73	12.37	68.16				
2787.71	2812.44	T-29	h1	6.07	24.73	12.37	75.09				
T-29	T-30	T-29	h1	6.07	26.91	13.45	81.64				
2812.44	2839.35	T-30	h1	6.26	26.91	13.45	84.20				
Il Direttore dei Lavori							L'Impresa	TOTALE ARTICOLO	7546.93		

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n.	64
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			
							A RIPORTARE mq		504.07	6467.21	
T-22	T-23	T-22	il	13.44	10.60	5.30	71.23	504.07			
2687.56	2698.16	T-23	il	7.39	10.60	5.30	39.17	110.40			
T-23	T-24	T-23	il	7.39	14.50	7.25	53.58	103.90			
2698.16	2712.66	T-24	il	6.94	14.50	7.25	50.32	174.20			
T-24	T-25	T-24	il	6.94	25.09	12.55	87.10	191.05			
2712.66	2737.75	T-25	il	6.94	25.09	12.55	87.10	111.11			
T-25	T-26	T-25	il	6.94	26.47	13.23	91.82	35.26			
2737.75	2764.22	T-26	il	7.50	26.47	13.23	99.23	143.25			
T-26	T-27	T-26	il	7.50	17.08	8.54	64.05	165.84			
2764.22	2781.30	T-27	il	5.51	17.08	8.54	47.06				
T-27	T-28	T-27	il	5.51	6.41	3.20	17.63				
2781.30	2787.71	T-28	il	5.51	6.41	3.20	17.63				
T-28	T-29	T-28	il	5.51	24.73	12.37	68.16				
2787.71	2812.44	T-29	il	6.07	24.73	12.37	75.09				
T-29	T-30	T-29	il	6.07	26.91	13.45	81.64				
2812.44	2839.35	T-30	il	6.26	26.91	13.45	84.20				
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				7502.22			

TABULATI MOVIMENTI MATERIA

Code documento
CS0113_F0.doc

Rev Data
F0 20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n.	66
FONDAZIONE											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
							A RIPORTARE mq		515.05	6600.99	
T-22	T-23	T-22	ml	13.88	10.60	5.30	73.56	515.05			
2687.56	2698.16	T-23	ml	7.83	10.60	5.30	41.50	115.06			
T-23	T-24	T-23	ml	7.83	14.50	7.25	56.77	110.28			
2698.16	2712.66	T-24	ml	7.38	14.50	7.25	53.51	185.24			
T-24	T-25	T-24	ml	7.38	25.09	12.55	92.62	196.87			
2712.66	2737.75	T-25	ml	7.38	25.09	12.55	92.62	111.11			
T-25	T-26	T-25	ml	7.38	26.47	13.23	97.64	143.25			
2737.75	2764.22	T-26	ml	7.50	26.47	13.23	99.23	165.84			
T-26	T-27	T-26	ml	7.50	17.08	8.54	64.05				
2764.22	2781.30	T-27	ml	5.51	17.08	8.54	47.06				
T-27	T-28	T-27	ml	5.51	6.41	3.20	17.63				
2781.30	2787.71	T-28	ml	5.51	6.41	3.20	17.63				
T-28	T-29	T-28	ml	5.51	24.73	12.37	68.16				
2787.71	2812.44	T-29	ml	6.07	24.73	12.37	75.09				
T-29	T-30	T-29	ml	6.07	26.91	13.45	81.64				
2812.44	2839.35	T-30	ml	6.26	26.91	13.45	84.20				
Il Direttore dei Lavori		L'Impresa		TOTALE ARTICOLO				7663.90			

TABULATI MOVIMENTI MATERIA

Codice documento
CS0113_F0.doc

Rev
F0

Data
20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n.	67
BONIFICA TRINCEA											
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq			
T-1	T-2	T-1	o1	6.77	30.45	15.22	103.04				
2124.86	2155.31	T-2	o1	6.77	30.45	15.22	103.04				
										206.08	
T-2	T-3	T-2	o1	6.77	25.32	12.66	85.71				
2155.31	2180.63	T-3	o1	7.23	25.32	12.66	91.53				
										177.24	
T-3	T-4	T-3	o1	7.23	25.41	12.70	91.82				
2180.63	2206.04	T-4	o1	9.15	25.41	12.70	116.21				
										208.03	
T-4	T-5	T-4	o1	9.15	22.54	11.27	103.12				
2206.04	2228.58	T-5	o1	12.29	22.54	11.27	138.51				
										241.63	
T-5	T-6	T-5	o1	12.29	31.61	15.81	194.30				
										194.30	
T-10b	T-11	T-11	o1	7.39	0.01	0.01	0.07				
										0.07	
T-11	T-12	T-11	o1	7.39	6.25	3.13	23.13				
2457.07	2463.32	T-12	o1	7.44	6.25	3.13	23.29				
										46.42	
T-12	T-13	T-12	o1	7.44	9.56	4.78	35.56				
2463.32	2472.88	T-13	o1	8.70	9.56	4.78	41.59				
										77.15	
T-13	T-14	T-13	o1	8.70	13.79	6.89	59.94				
2472.88	2486.67	T-14	o1	11.15	13.79	6.89	76.82				
										136.76	
T-14	T-15	T-14	o1	11.15	25.77	12.88	143.61				
2486.67	2512.44	T-15	o1	27.21	25.77	12.88	350.46				
										494.07	
T-15	T-16	T-15	o1	27.21	25.15	12.58	342.30				
2512.44	2537.59	T-16	o1	27.39	25.15	12.58	344.57				
										686.87	
T-16	T-17	T-16	o1	27.39	28.44	14.22	389.49				
										389.49	
T-17	T-18	T-18	o1	23.31	21.55	10.77	251.05				
										251.05	
T-18	T-19	T-18	o1	23.31	25.00	12.50	291.38				
2587.58	2612.58	T-19	o1	27.39	25.00	12.50	342.38				
										633.76	
T-19	T-20	T-19	o1	27.39	25.01	12.51	342.65				
2612.58	2637.59	T-20	o1	27.39	25.01	12.51	342.65				
										685.30	
T-20	T-21	T-20	o1	27.39	25.01	12.50	342.38				
2637.59	2662.60	T-21	o1	27.39	25.01	12.50	342.38				
										684.76	
T-21	T-22	T-21	o1	27.39	24.96	12.48	341.83				
2662.60	2687.56	T-22	o1	13.88	24.96	12.48	173.22				
										515.05	
T-22	T-23	T-22	o1	13.88	10.60	5.30	73.56				
2687.56	2698.16	T-23	o1	7.83	10.60	5.30	41.50				
										115.06	
T-23	T-24	T-23	o1	7.83	14.50	7.25	56.77				
2698.16	2712.66	T-24	o1	7.38	14.50	7.25	53.51				
										110.28	
							A RIPORTARE mq			5853.37	

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DI SUPERFICI										Foglio n.	68	
BONIFICA TRINCEA												
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI mL	DISTANZA DI CALCOLO mL	AREA PARZIALE mq	AREA TOTALE mq				
A RIPORTARE mq										5853.37		
T-24 2712.66	T-25 2737.75	T-24 o1		7.38	25.09	12.55	92.62					
		T-25 o1		7.38	25.09	12.55	92.62				185.24	
T-25 2737.75	T-26 2764.22	T-25 o1		7.38	26.47	13.23	97.64					
		T-26 o1		7.50	26.47	13.23	99.23				196.87	
T-26 2764.22	T-27 2781.30	T-26 o1		7.50	17.08	8.54	64.05					
		T-27 o1		5.51	17.08	8.54	47.06				111.11	
T-27 2781.30	T-28 2787.71	T-27 o1		5.51	6.41	3.20	17.63					
		T-28 o1		5.51	6.41	3.20	17.63				35.26	
T-28 2787.71	T-29 2812.44	T-28 o1		5.51	24.73	12.37	68.16					
		T-29 o1		6.07	24.73	12.37	75.09				143.25	
T-29 2812.44	T-30 2839.35	T-29 o1		6.07	26.91	13.45	81.64					
		T-30 o1		6.26	26.91	13.45	84.20				165.84	
Il Direttore dei Lavori										L'Impresa		
										TOTALE ARTICOLO		6690.94

TABULATI MOVIMENTI MATERIA

Codice documento

CS0113_F0.doc

Rev

F0

Data

20/06/2011

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DEI VOLUMI		Foglio n.	69
Volume dalla sezione T-1 alla sezione T-30			
ARTICOLO		VOLUME	
STERRO	mc	109877.029	
RIPORTO	mc	3329.933	
VEGETALE IN RILEVATO	mc	275.374	
VEGETALE IN TRINCEA	mc	3115.065	
GRADONATURA	mc	187.487	
SEMINA	mq	2614.51	
SEMINA	mq	8514.17	
SCOTICO	mq	408.05	
SCOTICO SU GRADONATURA	mq	321.21	
BONIFICA RILEVATO	mq	408.05	
USURA	mq	7508.88	
BINDER	mq	7546.93	
BASE	mq	7502.22	
FONDAZIONE	mq	7663.90	
BONIFICA TRINCEA	mq	6690.94	

Nota : I valori di sterro e riporto calcolati si riferiscono ad un pacchetto di pavimentazione da 70 cm. Di seguito si riporta la tabella con il calcolo dei movimenti materia riferiti al pacchetto di pavimentazione di spessore 57 cm.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
TABULATI MOVIMENTI MATERIA	<i>Codice documento</i> CS0113_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Modifica valori movimenti materia

Di seguito si riporta il calcolo per la determinazione dei valori di sterro e riporto riferiti al pacchetto di pavimentazione da 57 cm.

RIF.	ARTICOLO	SUPERFICIE (m ²)	Δh Pavimentazione (m)	VOLUME (m ³)	NOTE
A	STERRO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	109877,029	
B	RIPORTO (Da computazione sezioni trasversali con spessore cassonetto = 70 cm)	-	-	3329,933	
C	SUPERFICIE DI IMPOSTA CASSONETTO (Da computo computo sezioni trasversali)	7663,9	-	-	(1)
D	SUPERFICIE DI IMPOSTA CASSONETTO IN TRINCEA (Da computo computo sezioni trasversali)	6690,94	-	-	(2)
E	SUPERFICIE DI IMPOSTA CASSONETTO IN RILEVATO	972,96	-	-	(3)
F	VARIAZIONE STERRO (Per pavimentazione spessore = 57 cm)	6690,94	0,13	869,82	(4)
G	VARIAZIONE RIPORTO (Per pavimentazione spessore = 57 cm)	972,96	0,13	126,48	(5)
H	STERRO (Pavimentazione spessore = 57 cm)	-	-	109007,207	(6)
I	RIPORTO (Pavimentazione spessore = 57 cm)	-	-	3456,418	(7)

Nota 1 : Il valore (C) è coincidente con la superficie dell'articolo di computo "Fondazione"
(vedi tabella riassuntiva pagina precedente)

Nota 2 : Il valore (D) è coincidente con la superficie dell'articolo di computo "Bonifica trincea"
(vedi tabella riassuntiva pagina precedente)

Nota 3 : Il valore (E) è determinato dalla differenza fra la superfici C - D

Nota 4 : Il valore (F) è il volume calcolato dal prodotto tra la superficie "D" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 5 : Il valore (G) è il volume calcolato dal prodotto tra la superficie "E" e la variazione di spessore tra il pacchetto di pavimentazione da 70 cm e 57 cm

Nota 6 : Il valore (H) è il volume totale di sterro calcolato come A-H

Nota 7 : Il valore (I) è il volume totale di riporto calcolato come B+G

TABELLA RIEPILOGATIVA COMPUTI

COLLEGAMENTI VERSANTE CALABRIA - ASSE T

COMPUTO DEI VOLUMI		Foglio n.	69
Volume dalla sezione T-1 alla sezione T-30			
ARTICOLO		VOLUME	
STERRO	mc	109007.207	
RIPORTO	mc	3456.418	
VEGETALE IN RILEVATO	mc	275.374	
VEGETALE IN TRINCEA	mc	3115.065	
GRADONATURA	mc	187.487	
SEMINA	mq	2614.51	
SEMINA	mq	8514.17	
SCOTICO	mq	408.05	
SCOTICO SU GRADONATURA	mq	321.21	
BONIFICA RILEVATO	mq	408.05	
USURA	mq	7508.88	
BINDER	mq	7546.93	
BASE	mq	7502.22	
FONDAZIONE	mq	7663.90	
BONIFICA TRINCEA	mq	6690.94	