








S.S.45 DELLA VAL DI TREBBIA

AMMODERNAMENTO DELLA STRADA STATALE N. 45 DELLA VAL TREBBIA NEL TRATTO CERNUSCA-RIVERGARO

PROGETTO DEFINITIVO

PROGETTAZIONE: ANAS DPRL		SUPPORTO ALLA PROGETTAZIONE:	
I PROGETTISTI: <i>ing. Antonio SCALAMANDRÉ</i> <i>Ordine Ing. di Frosinone n.1063</i>			
IL GEOLOGO: <i>geol. Maurizio MARTINO</i> <i>Ordine Geol. del Lazio ES n.457</i>			 <small>Società designata: GA&M...</small>
IL RESPONSABILE DEL SIA: <i>Ing. Laura TROIANI</i> <i>Ordine Arch. di Roma n.A-31890</i>			 <small>Via Immacolata Trapano n. 2 - 20139, Bari</small>
IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE: <i>geom. E PAIELLA</i>		 <small>Società di Ingegneria & Architettura Associata</small>	
VISTO: IL RESPONSABILE DEL PROCEDIMENTO: <i>ing. Anna Maria NOSARI</i>		DOTT. GEOL. DANILO GALLO	ING. RENATO DEL PRETE
PROTOCOLLO	DATA		

DC2003

D - PROGETTO STRADALE DC2 - VIABILITÀ DI INNESTO TABULATI MOVIMENTO MATERIA - INNESTO 1

CODICE PROGETTO		NOME FILE		REVISIONE	SCALA:
PROGETTO	LIV. PROG.	N. PROG.	DC2003_S01PS01TRAEC01_A.dwg		
BO0067	D	1801	CODICE ELAB. S01PS01TRAEC01	A	-
C					
B					
A	EMISSIONE	Aprile 2020			
REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO

		CALCOLO DELLE AREE	Foglio n. 1		
SCAVO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
1 0.00	A1	$(-3.15--3.68) \times (153.90+154.00) / 2$ $(-1.70--3.15) \times (153.39+153.68) / 2$ $(-1.68--1.70) \times (153.39+153.39) / 2$ $(0.02--1.68) \times (153.20+153.39) / 2$ $(1.43-0.02) \times (153.05+153.20) / 2$ $(1.67-1.43) \times (153.02+153.05) / 2$ $(1.75-1.67) \times (153.02+153.02) / 2$ $(2.02-1.75) \times (152.98+153.02) / 2$ $(2.72-2.02) \times (152.90+152.98) / 2$ $(2.00-2.72) \times (152.90+152.90) / 2$ $(0.00-2.00) \times (153.12+152.90) / 2$ $(-2.00-0.00) \times (153.34+153.12) / 2$ $(-2.80--2.00) \times (153.34+153.34) / 2$ $(-3.12--2.80) \times (153.44+153.44) / 2$ $(-3.68--3.12) \times (154.00+153.44) / 2$	81.59 222.63 3.07 260.60 215.91 36.73 12.24 41.31 107.06 -110.09 -306.02 -306.46 -122.67 -49.10 -86.08		
2 15.00	A1	$(-3.54--4.10) \times (154.08+154.21) / 2$ $(-3.39--3.54) \times (153.85+153.88) / 2$ $(-3.01--3.39) \times (153.83+153.85) / 2$ $(-2.51--3.01) \times (153.69+153.83) / 2$ $(-1.09--2.51) \times (153.47+153.69) / 2$ $(-0.59--1.09) \times (153.40+153.47) / 2$ $(-0.51--0.59) \times (153.39+153.40) / 2$ $(1.05--0.51) \times (153.23+153.39) / 2$ $(2.01-1.05) \times (153.13+153.23) / 2$ $(3.02-2.01) \times (153.22+153.33) / 2$ $(2.92-3.02) \times (153.13+153.22) / 2$ $(2.80-2.92) \times (153.13+153.13) / 2$ $(2.00-2.80) \times (153.03+153.03) / 2$ $(0.00-2.00) \times (153.08+153.03) / 2$ $(-2.00-0.00) \times (153.13+153.08) / 2$ $(-2.80--2.00) \times (153.13+153.13) / 2$ $(-3.11--2.80) \times (153.23+153.23) / 2$ $(-4.10--3.11) \times (154.21+153.23) / 2$	86.32 23.08 58.46 76.88 218.08 76.72 12.27 239.16 147.05 154.81 -15.32 -18.38 -122.42 -306.11 -306.21 -122.50 -47.50 -152.18	0.72	
3 30.00	A1	$(-3.70--4.26) \times (154.20+154.33) / 2$ $(-2.85--3.70) \times (153.79+154.00) / 2$ $(-2.84--2.85) \times (153.78+153.79) / 2$ $(-0.90--2.84) \times (153.45+153.78) / 2$ $(-0.13--0.90) \times (153.31+153.45) / 2$ $(0.00--0.13) \times (153.31+153.31) / 2$ $(0.01-0.00) \times (153.30+153.31) / 2$ $(1.16-0.01) \times (153.24+153.30) / 2$ $(2.17-1.16) \times (153.10+153.24) / 2$ $(3.03-2.17) \times (153.19+153.30) / 2$ $(2.93-3.03) \times (153.08+153.19) / 2$ $(2.81-2.93) \times (153.08+153.08) / 2$ $(2.01-2.81) \times (152.98+152.98) / 2$ $(0.00-2.01) \times (153.03+152.98) / 2$ $(-1.99-0.00) \times (153.08+153.03) / 2$ $(-2.79--1.99) \times (153.08+153.08) / 2$ $(-3.11--2.79) \times (153.18+153.18) / 2$ $(-4.26--3.11) \times (154.33+153.18) / 2$	86.39 130.81 1.54 298.01 118.10 19.93 1.53 176.26 154.70 131.79 -15.31 -18.37 -122.38 -307.54 -304.58 -122.46 -49.02 -176.82	2.21	
4 45.00	A1	$(-3.98--3.82) \times (154.01+153.85) / 2$ $(-3.41--3.98) \times (153.87+154.01) / 2$ $(-0.91--3.41) \times (153.03+153.67) / 2$ $(-0.89--0.91) \times (153.01+153.03) / 2$ $(-1.99--0.89) \times (153.04+153.01) / 2$ $(-2.79--1.99) \times (153.04+153.04) / 2$ $(-3.11--2.79) \times (153.14+153.14) / 2$ $(-3.82--3.11) \times (153.85+153.14) / 2$	-24.63 87.75 383.38 3.06 -168.33 -122.43 -49.00 -108.98	2.58	
5 60.00	A1	$(-4.35--3.78) \times (154.30+153.73) / 2$ $(-3.60--4.35) \times (153.97+154.30) / 2$ $(-1.79--3.60) \times (152.99+153.77) / 2$ $(-3.07--1.79) \times (153.02+152.99) / 2$ $(-3.78--3.07) \times (153.73+153.02) / 2$	-87.79 115.60 277.62 -195.85 -108.90	0.82	
6 75.00	A1	$(-4.73--5.66) \times (155.10+155.60) / 2$ $(-1.10--4.73) \times (152.92+154.90) / 2$ $(-1.98--1.10) \times (152.95+152.92) / 2$ $(-2.78--1.98) \times (152.95+152.95) / 2$ $(-3.10--2.78) \times (153.05+153.05) / 2$ $(-5.66--3.10) \times (155.60+153.05) / 2$	144.48 558.69 -134.58 -122.36 -48.98 -395.07	2.18	
7 90.00	A1	$(-4.46--5.21) \times (154.79+155.11) / 2$ $(-1.90--4.46) \times (153.49+154.59) / 2$ $(-0.67--1.90) \times (152.97+153.49) / 2$ $(0.08--0.67) \times (152.85+153.17) / 2$ $(0.00-0.08) \times (152.85+152.85) / 2$ $(-1.98-0.00) \times (152.90+152.85) / 2$ $(-2.78--1.98) \times (152.90+152.90) / 2$ $(-3.10--2.78) \times (153.00+153.00) / 2$ $(-5.21--3.10) \times (155.11+153.00) / 2$	116.21 394.34 188.47 114.76 -12.23 -302.69 -122.32 -48.96 -325.06	2.52	
8 105.00	A1	$(-5.72--6.44) \times (156.03+156.32) / 2$ $(-1.68--5.72) \times (154.18+155.83) / 2$ $(-1.59--1.68) \times (154.14+154.18) / 2$ $(0.91--1.59) \times (153.09+154.14) / 2$ $(1.83-0.91) \times (152.88+153.09) / 2$ $(3.11-1.83) \times (152.80+153.08) / 2$ $(3.07-3.11) \times (152.75+152.80) / 2$ $(2.60-3.07) \times (152.76+152.75) / 2$ $(2.02-2.60) \times (152.78+152.76) / 2$ $(0.00-2.02) \times (152.83+152.78) / 2$ $(-1.98-0.00) \times (152.88+152.83) / 2$ $(-2.78--1.98) \times (152.88+152.88) / 2$ $(-3.09--2.78) \times (152.98+152.98) / 2$ $(-6.44--3.09) \times (156.32+152.98) / 2$	112.45 626.22 13.87 384.04 140.75 195.76 -6.11 -71.79 -88.61 -308.67 -302.65 -122.30 -47.42 -518.08	7.46	
9 120.00	A1	$(-6.64--7.40) \times (157.10+157.44) / 2$ $(-1.10--6.64) \times (154.47+156.90) / 2$ $(-0.24--1.10) \times (154.11+154.47) / 2$ $(0.04--0.24) \times (154.05+154.11) / 2$ $(2.04-0.04) \times (153.32+154.05) / 2$ $(2.78-2.04) \times (153.14+153.32) / 2$	119.53 862.49 132.69 43.14 307.37 113.39		
A RIPORTARE mq			1578.61		

		CALCOLO DELLE AREE		Foglio n. 2	
SCAVO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			1578.61		
10 135.00	A1	(3.14-2.78)x(153.25+153.34)/2	55.19	11.32	
		(2.93-3.14)x(153.04+153.25)/2	-32.16		
		(2.81-2.93)x(153.04+153.04)/2	-18.36		
		(2.01-2.81)x(152.94+152.94)/2	-122.35		
		(0.00-2.01)x(152.99+152.94)/2	-307.46		
		(-1.99-0.00)x(153.04+152.99)/2	-304.50		
		(-2.79--1.99)x(153.04+153.04)/2	-122.43		
		(-3.10--2.79)x(153.14+153.14)/2	-47.47		
		(-7.40--3.10)x(157.44+153.14)/2	-667.75		
		(-3.98--4.70)x(154.77+155.06)/2	111.54		
		(-2.45--3.98)x(153.95+154.57)/2	236.02		
		(-1.22--2.45)x(153.66+153.95)/2	189.18		
		(-0.52--1.22)x(153.49+153.66)/2	107.50		
		(0.63--0.52)x(153.41+153.69)/2	176.58		
(0.92-0.63)x(153.36+153.41)/2	44.48				
(0.00-0.92)x(153.38+153.36)/2	-141.10				
(-2.06-0.00)x(153.43+153.38)/2	-316.01				
(-2.86--2.06)x(153.43+153.43)/2	-122.74				
(-3.17--2.86)x(153.53+153.53)/2	-47.59				
(-4.70--3.17)x(155.06+153.53)/2	-236.07				
18 253.83	A1	(-6.11--10.22)x(158.54+158.64)/2	651.80	7.20	
		(-4.60--6.11)x(158.50+158.54)/2	239.37		
		(0.00--4.60)x(158.40+158.50)/2	728.87		
		(3.21-0.00)x(158.13+158.20)/2	507.71		
		(6.37-3.21)x(158.06+158.13)/2	499.58		
		(6.39-6.37)x(158.06+158.06)/2	3.16		
		(11.27-6.39)x(157.93+158.06)/2	771.02		
		(12.81-11.27)x(157.89+157.93)/2	243.18		
		(12.91-12.81)x(157.89+157.89)/2	15.79		
		(14.01-12.91)x(157.86+157.89)/2	173.66		
		(15.05-14.01)x(158.03+158.06)/2	164.37		
		(14.86-15.05)x(157.85+158.03)/2	-30.01		
		(14.74-14.86)x(157.85+157.85)/2	-18.94		
		(13.94-14.74)x(157.65+157.65)/2	-126.12		
		(0.00-13.94)x(158.00+157.65)/2	-2200.08		
		(-8.70-0.00)x(158.22+158.00)/2	-1375.56		
		(-9.40--8.70)x(158.24+158.22)/2	-110.76		
		(-9.82--9.40)x(158.25+158.24)/2	-66.46		
		(-10.22--9.82)x(158.64+158.25)/2	-63.38		

Il Direttore dei Lavori

L'Impresa

RILEVATO		CALCOLO DELLE AREE	Foglio n. 3		
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
4 45.00	B1	(2.01-0.18)x(152.94+152.98)/2 (2.59-2.01)x(152.92+152.94)/2 (3.06-2.59)x(152.91+152.92)/2 (3.79-3.06)x(152.42+152.91)/2 (2.56-3.79)x(152.60+152.42)/2 (1.71-2.56)x(152.68+152.60)/2 (1.68-1.71)x(152.69+152.68)/2 (0.18-1.68)x(152.98+152.69)/2	279.92 88.70 71.87 111.45 -187.59 -129.74 -4.58 -229.25	0.78	
5 60.00	B1	(0.00--1.30)x(152.94+152.97)/2 (2.01-0.00)x(152.89+152.94)/2 (2.59-2.01)x(152.88+152.89)/2 (3.13-2.59)x(152.86+152.88)/2 (6.63-3.13)x(151.11+152.86)/2 (4.41-6.63)x(151.48+151.11)/2 (3.63-4.41)x(151.59+151.48)/2 (2.42-3.63)x(151.71+151.59)/2 (1.20-2.42)x(151.96+151.71)/2 (0.65-1.20)x(152.13+151.96)/2 (-1.30-0.65)x(152.97+152.13)/2	198.84 307.36 88.67 82.55 531.95 -335.87 -118.20 -183.50 -185.24 -83.62 -297.47	5.47	
6 75.00	B1	(0.00--0.71)x(152.90+152.92)/2 (2.02-0.00)x(152.85+152.90)/2 (2.60-2.02)x(152.83+152.85)/2 (3.13-2.60)x(152.82+152.83)/2 (7.51-3.13)x(150.63+152.82)/2 (5.09-7.51)x(151.03+150.63)/2 (4.12-5.09)x(151.25+151.03)/2 (3.52-4.12)x(151.32+151.25)/2 (2.69-3.52)x(151.41+151.32)/2 (1.66-2.69)x(151.62+151.41)/2 (-0.71-1.66)x(152.92+151.62)/2	108.57 308.81 88.65 81.00 664.56 -365.01 -146.61 -90.77 -125.63 -156.06 -360.88	6.63	
7 90.00	B1	(2.02-0.08)x(152.80+152.85)/2 (2.60-2.02)x(152.79+152.80)/2 (3.14-2.60)x(152.77+152.79)/2 (6.56-3.14)x(151.06+152.77)/2 (5.63-6.56)x(151.21+151.06)/2 (5.16-5.63)x(151.32+151.21)/2 (4.64-5.16)x(151.44+151.32)/2 (3.87-4.64)x(151.61+151.44)/2 (3.30-3.87)x(151.71+151.61)/2 (2.18-3.30)x(152.04+151.71)/2 (1.42-2.18)x(152.28+152.04)/2 (0.08-1.42)x(152.85+152.28)/2	296.48 88.62 82.50 519.55 -140.56 -71.09 -78.72 -116.67 -86.45 -170.10 -115.64 -204.44	3.48	
10 135.00	B1	(1.94-0.92)x(153.33+153.36)/2 (2.53-1.94)x(153.32+153.33)/2 (2.99-2.53)x(153.31+153.32)/2 (3.60-2.99)x(152.90+153.31)/2 (2.35-3.60)x(153.09+152.90)/2 (0.92-2.35)x(153.36+153.09)/2	156.41 90.46 70.52 93.39 -191.24 -219.11	0.43	
11 150.85	B1	(0.00--2.05)x(154.02+154.07)/2 (1.95-0.00)x(153.97+154.02)/2 (2.54-1.95)x(153.95+153.97)/2 (3.07-2.54)x(153.94+153.95)/2 (9.09-3.07)x(150.93+153.94)/2 (7.32-9.09)x(151.19+150.93)/2 (4.31-7.32)x(151.94+151.19)/2 (3.83-4.31)x(152.05+151.94)/2 (2.15-3.83)x(152.57+152.05)/2 (-2.05-2.15)x(153.75+152.57)/2	315.79 300.29 90.84 81.59 917.66 -267.38 -456.21 -72.96 -255.88 -643.27	10.47	
12 165.00	B1	(-2.97--3.44)x(154.70+154.39)/2 (-2.55--2.97)x(154.69+154.70)/2 (-2.00--2.55)x(154.68+154.69)/2 (0.00--2.00)x(154.63+154.68)/2 (2.00-0.00)x(154.58+154.63)/2 (2.58-2.00)x(154.56+154.58)/2 (3.12-2.58)x(154.55+154.56)/2 (8.55-3.12)x(151.84+154.55)/2 (5.88-8.55)x(152.18+151.84)/2 (4.06-5.88)x(152.57+152.18)/2 (0.20-4.06)x(153.39+152.57)/2 (-0.29-0.20)x(153.49+153.39)/2 (-1.09--0.29)x(153.74+153.49)/2 (-1.55--1.09)x(153.83+153.74)/2 (-3.44--1.55)x(154.39+153.83)/2	72.64 64.97 85.08 309.31 309.21 89.65 83.46 831.85 -405.87 -277.32 -590.50 -75.19 -122.89 -70.74 -291.27	12.39	
13 180.00	B1	(-2.97--3.13)x(155.35+155.24)/2 (-2.55--2.97)x(155.34+155.35)/2 (-2.00--2.55)x(155.32+155.34)/2 (0.00--2.00)x(155.27+155.32)/2 (2.00-0.00)x(155.22+155.27)/2 (2.58-2.00)x(155.21+155.22)/2 (3.12-2.58)x(155.20+155.21)/2 (7.33-3.12)x(153.09+155.20)/2 (7.28-7.33)x(153.10+153.09)/2 (6.95-7.28)x(153.15+153.10)/2 (4.91-6.95)x(153.46+153.15)/2 (4.69-4.91)x(153.62+153.46)/2 (-3.13-4.69)x(155.24+153.62)/2	24.85 65.24 85.43 310.59 310.49 90.02 83.81 648.95 -7.65 -50.53 -312.74 -33.78 -1207.64	7.04	
14 195.00	B1	(-2.97--3.47)x(156.00+155.66)/2 (-2.55--2.97)x(155.98+156.00)/2 (-2.00--2.55)x(155.97+155.98)/2 (0.00--2.00)x(155.92+155.97)/2 (2.00-0.00)x(155.87+155.92)/2 (2.58-2.00)x(155.86+155.87)/2 (3.12-2.58)x(155.84+155.86)/2 (6.98-3.12)x(153.91+155.84)/2 (3.51-6.98)x(154.36+153.91)/2 (1.67-3.51)x(154.61+154.36)/2 (0.85-1.67)x(154.76+154.61)/2 (-3.47-0.85)x(155.66+154.76)/2	77.91 65.52 85.79 311.89 311.79 90.40 84.16 597.82 -534.85 -284.25 -126.84 -670.51	8.83	
A RIPORTARE mq					

		CALCOLO DELLE AREE	Foglio n. 4		
RILEVATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq					
15 210.00	B1	$(-2.97--4.01) \times (156.64+155.95) / 2$ $(-2.55--2.97) \times (156.63+156.64) / 2$ $(-2.00--2.55) \times (156.62+156.63) / 2$ $(0.00--2.00) \times (156.57+156.62) / 2$ $(2.00-0.00) \times (156.52+156.57) / 2$ $(2.58-2.00) \times (156.50+156.52) / 2$ $(3.12-2.58) \times (156.49+156.50) / 2$ $(7.52-3.12) \times (154.29+156.49) / 2$ $(5.63-7.52) \times (154.54+154.29) / 2$ $(1.03-5.63) \times (155.17+154.54) / 2$ $(-0.28-1.03) \times (155.42+155.17) / 2$ $(-4.01--0.28) \times (155.95+155.42) / 2$	162.55 65.79 86.14 313.19 313.09 90.78 84.51 683.72 -291.84 -712.33 -203.44 -580.71	11.45	
16 225.00	B1	$(-2.97--4.62) \times (157.29+156.19) / 2$ $(-2.55--2.97) \times (157.28+157.29) / 2$ $(-2.00--2.55) \times (157.26+157.28) / 2$ $(0.00--2.00) \times (157.21+157.26) / 2$ $(2.00-0.00) \times (157.16+157.21) / 2$ $(2.58-2.00) \times (157.15+157.16) / 2$ $(3.12-2.58) \times (157.14+157.15) / 2$ $(8.07-3.12) \times (154.66+157.14) / 2$ $(0.41-8.07) \times (155.72+154.66) / 2$ $(-1.62-0.41) \times (155.87+155.72) / 2$ $(-4.62--1.62) \times (156.19+155.87) / 2$	258.62 66.06 86.50 314.47 314.37 91.15 84.86 771.70 -1188.76 -316.26 -468.09	14.62	
17 240.00	B1	$(-3.20--5.79) \times (157.75+156.46) / 2$ $(-2.70--3.20) \times (157.74+157.75) / 2$ $(-2.00--2.70) \times (157.72+157.74) / 2$ $(0.00--2.00) \times (157.67+157.72) / 2$ $(2.00-0.00) \times (157.62+157.67) / 2$ $(2.70-2.00) \times (157.61+157.62) / 2$ $(3.33-2.70) \times (157.59+157.61) / 2$ $(6.75-3.33) \times (155.88+157.59) / 2$ $(4.08-6.75) \times (156.16+155.88) / 2$ $(3.40-4.08) \times (156.25+156.16) / 2$ $(3.36-3.40) \times (156.28+156.25) / 2$ $(2.50-3.36) \times (156.29+156.28) / 2$ $(0.95-2.50) \times (156.34+156.29) / 2$ $(-1.07-0.95) \times (156.40+156.34) / 2$ $(-3.19--1.07) \times (156.45+156.40) / 2$ $(-5.79--3.19) \times (156.46+156.45) / 2$	406.90 78.87 110.41 315.39 315.29 110.33 99.29 536.03 -416.57 -106.22 -6.25 -134.41 -242.29 -315.87 -331.62 -406.78	12.50	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 5		
TERRENO VEGETALE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
1 0.00	V1	$(-3.15--3.68) \times (153.90+154.00) / 2$ $(-3.00--3.15) \times (153.75+153.90) / 2$ $(-2.80--3.00) \times (153.74+153.75) / 2$ $(-3.12--2.80) \times (153.44+153.44) / 2$ $(-3.68--3.12) \times (154.00+153.44) / 2$	81.59 23.07 30.75 -49.10 -86.08		
1 0.00	V2	$(3.42-3.01) \times (153.03+153.09) / 2$ $(3.00-3.42) \times (153.31+153.03) / 2$ $(2.80-3.00) \times (153.30+153.31) / 2$ $(2.92-2.80) \times (153.00+153.00) / 2$ $(3.01-2.92) \times (153.09+153.00) / 2$	62.75 -64.33 -30.66 18.36 13.77	0.23	
2 15.00	V1	$(-3.54--4.10) \times (154.08+154.21) / 2$ $(-3.00--3.54) \times (153.54+154.08) / 2$ $(-2.80--3.00) \times (153.53+153.54) / 2$ $(-3.11--2.80) \times (153.23+153.23) / 2$ $(-4.10--3.11) \times (154.21+153.23) / 2$	86.32 83.06 30.71 -47.50 -152.18	0.11	
2 15.00	V2	$(3.38-3.02) \times (153.18+153.22) / 2$ $(3.00-3.38) \times (153.44+153.18) / 2$ $(2.80-3.00) \times (153.43+153.44) / 2$ $(2.92-2.80) \times (153.13+153.13) / 2$ $(3.02-2.92) \times (153.22+153.13) / 2$	55.15 -58.26 -30.69 18.38 15.32	0.41	
3 30.00	V1	$(-3.70--4.26) \times (154.20+154.33) / 2$ $(-2.99--3.70) \times (153.49+154.20) / 2$ $(-2.79--2.99) \times (153.48+153.49) / 2$ $(-3.11--2.79) \times (153.18+153.18) / 2$ $(-4.26--3.11) \times (154.33+153.18) / 2$	86.39 109.23 30.70 -49.02 -176.82	0.10	
3 30.00	V2	$(3.39-3.03) \times (153.14+153.19) / 2$ $(3.01-3.39) \times (153.39+153.14) / 2$ $(2.81-3.01) \times (153.38+153.39) / 2$ $(2.93-2.81) \times (153.08+153.08) / 2$ $(3.03-2.93) \times (153.19+153.08) / 2$	55.14 -58.24 -30.68 18.37 15.31	0.48	
4 45.00	V1	$(-3.41--3.98) \times (153.87+154.01) / 2$ $(-2.99--3.41) \times (153.45+153.87) / 2$ $(-2.79--2.99) \times (153.44+153.45) / 2$ $(-3.11--2.79) \times (153.14+153.14) / 2$ $(-3.98--3.11) \times (154.01+153.14) / 2$	87.75 64.54 30.69 -49.00 -133.61	0.10	
4 45.00	V2	$(3.79-4.48) \times (152.42+152.32) / 2$ $(2.59-3.79) \times (153.22+152.42) / 2$ $(2.16-2.59) \times (153.24+153.22) / 2$ $(3.01-2.16) \times (153.30+153.34) / 2$ $(4.48-3.01) \times (152.32+153.30) / 2$	-105.14 -183.38 -65.89 130.32 224.63	0.37	
5 60.00	V1	$(-4.35--3.60) \times (154.30+153.97) / 2$ $(-3.30--4.35) \times (153.25+154.30) / 2$ $(-2.14--3.30) \times (153.29+153.25) / 2$ $(-2.99--2.14) \times (153.36+153.39) / 2$ $(-3.60--2.99) \times (153.97+153.36) / 2$	-115.60 161.46 177.79 -130.37 -93.74	0.54	
5 60.00	V2	$(6.63-7.64) \times (151.11+150.94) / 2$ $(2.50-6.63) \times (153.18+151.11) / 2$ $(2.16-2.50) \times (153.19+153.18) / 2$ $(3.01-2.16) \times (153.26+153.29) / 2$ $(7.64-3.01) \times (150.94+153.26) / 2$	-152.54 -628.36 -52.08 130.28 704.22	0.46	
6 75.00	V1	$(-4.73--5.66) \times (155.10+155.60) / 2$ $(-2.98--4.73) \times (153.36+155.10) / 2$ $(-2.78--2.98) \times (153.35+153.36) / 2$ $(-3.10--2.78) \times (153.05+153.05) / 2$ $(-5.66--3.10) \times (155.60+153.05) / 2$	144.48 269.90 30.67 -48.98 -395.07	1.52	
6 75.00	V2	$(7.51-8.51) \times (150.63+150.46) / 2$ $(2.50-7.51) \times (153.13+150.63) / 2$ $(2.17-2.50) \times (153.15+153.13) / 2$ $(3.02-2.17) \times (153.21+153.25) / 2$ $(8.51-3.02) \times (150.46+153.21) / 2$	-150.55 -760.92 -50.54 130.25 833.57	1.00	
7 90.00	V1	$(-4.46--5.21) \times (154.79+155.11) / 2$ $(-2.98--4.46) \times (153.31+154.79) / 2$ $(-2.78--2.98) \times (153.30+153.31) / 2$ $(-3.10--2.78) \times (153.00+153.00) / 2$ $(-5.21--3.10) \times (155.11+153.00) / 2$	116.21 227.99 30.66 -48.96 -325.06	1.81	
7 90.00	V2	$(6.56-7.56) \times (151.06+150.90) / 2$ $(2.51-6.56) \times (153.09+151.06) / 2$ $(2.17-2.51) \times (153.10+153.09) / 2$ $(3.02-2.17) \times (153.17+153.20) / 2$ $(7.56-3.02) \times (150.90+153.17) / 2$	-150.98 -615.90 -52.05 130.21 690.24	0.84	
8 105.00	V1	$(-5.72--6.44) \times (156.03+156.32) / 2$ $(-2.98--5.72) \times (153.29+156.03) / 2$ $(-2.78--2.98) \times (153.28+153.29) / 2$ $(-3.09--2.78) \times (152.98+152.98) / 2$ $(-6.44--3.09) \times (156.32+152.98) / 2$	112.45 423.77 30.66 -47.42 -518.08	1.52	
8 105.00	V2	$(3.11-3.76) \times (152.80+152.65) / 2$ $(2.61-3.11) \times (153.06+152.80) / 2$ $(2.17-2.61) \times (153.08+153.06) / 2$ $(3.02-2.17) \times (153.14+153.18) / 2$ $(3.76-3.02) \times (152.65+153.14) / 2$	-99.27 -76.47 -67.35 130.19 113.14	1.38	
9 120.00	V1	$(-6.64--7.40) \times (157.10+157.44) / 2$ $(-2.99--6.64) \times (153.45+157.10) / 2$ $(-2.79--2.99) \times (153.44+153.45) / 2$ $(-3.10--2.79) \times (153.14+153.14) / 2$ $(-7.40--3.10) \times (157.44+153.14) / 2$	119.53 566.75 30.69 -47.47 -667.75	0.24	
9 120.00	V2	$(3.19-3.14) \times (153.24+153.25) / 2$ $(3.01-3.19) \times (153.35+153.24) / 2$ $(2.81-3.01) \times (153.34+153.35) / 2$ $(2.93-2.81) \times (153.04+153.04) / 2$ $(3.14-2.93) \times (153.25+153.04) / 2$	7.66 -27.59 -30.67 18.36 32.16	1.75	
A RIPORTARE mq			0.08		

		CALCOLO DELLE AREE	Foglio n. 6		
TERRENO VEGETALE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			0.08		
10 135.00	V1	$(-3.98-4.70) \times (154.77+155.06) / 2$ $(-3.06-3.98) \times (153.84+154.77) / 2$ $(-2.86-3.06) \times (153.83+153.84) / 2$ $(-3.17-2.86) \times (153.53+153.53) / 2$ $(-4.70-3.17) \times (155.06+153.53) / 2$	111.54 141.96 30.77 -47.59 -236.07	0.08	
10 135.00	V2	$(3.60-4.30) \times (152.90+152.80) / 2$ $(2.53-3.60) \times (153.62+152.90) / 2$ $(2.09-2.53) \times (153.63+153.62) / 2$ $(2.94-2.09) \times (153.70+153.73) / 2$ $(4.30-2.94) \times (152.80+153.70) / 2$	-106.99 -163.99 -67.59 130.66 208.42	0.61	
11 150.85	V1	$(9.09-10.04) \times (150.93+150.79) / 2$ $(2.44-9.09) \times (154.26+150.93) / 2$ $(2.10-2.44) \times (154.27+154.26) / 2$ $(2.95-2.10) \times (154.34+154.37) / 2$ $(10.04-2.95) \times (150.79+154.34) / 2$	-143.32 -1014.76 -52.45 131.20 1081.69	0.51	
12 165.00	V1	$(-3.44-3.81) \times (154.39+154.50) / 2$ $(-2.58-3.44) \times (154.96+154.39) / 2$ $(-2.15-2.58) \times (154.98+154.96) / 2$ $(-3.00-2.15) \times (155.04+155.08) / 2$ $(-3.81-3.00) \times (154.50+155.04) / 2$	57.14 133.02 66.64 -131.80 -125.36	2.36	
12 165.00	V2	$(8.55-9.45) \times (151.84+151.72) / 2$ $(2.49-8.55) \times (154.86+151.84) / 2$ $(2.15-2.49) \times (154.88+154.86) / 2$ $(3.00-2.15) \times (154.94+154.98) / 2$ $(9.45-3.00) \times (151.72+154.94) / 2$	-136.60 -929.30 -52.66 131.72 988.98	0.36	
13 180.00	V1	$(-3.13-3.54) \times (155.24+155.33) / 2$ $(-2.58-3.13) \times (155.61+155.24) / 2$ $(-2.15-2.58) \times (155.62+155.61) / 2$ $(-3.00-2.15) \times (155.69+155.72) / 2$ $(-3.54-3.00) \times (155.33+155.69) / 2$	63.67 85.48 66.91 -132.35 -83.98	2.14	
13 180.00	V2	$(7.33-8.22) \times (153.09+152.98) / 2$ $(2.49-7.33) \times (155.51+153.09) / 2$ $(2.15-2.49) \times (155.52+155.51) / 2$ $(3.00-2.15) \times (155.59+155.62) / 2$ $(8.22-3.00) \times (152.98+155.59) / 2$	-136.20 -746.81 -52.88 132.26 805.37	0.27	
14 195.00	V1	$(-3.47-3.88) \times (155.66+155.75) / 2$ $(-2.58-3.47) \times (156.25+155.66) / 2$ $(-2.15-2.58) \times (156.27+156.25) / 2$ $(-3.00-2.15) \times (156.34+156.37) / 2$ $(-3.88-3.00) \times (155.75+156.34) / 2$	63.84 138.80 67.19 -132.90 -137.32	1.74	
14 195.00	V2	$(6.98-7.89) \times (153.91+153.79) / 2$ $(2.49-6.98) \times (156.16+153.91) / 2$ $(2.15-2.49) \times (156.17+156.16) / 2$ $(3.00-2.15) \times (156.24+156.27) / 2$ $(7.89-3.00) \times (153.79+156.24) / 2$	-140.00 -696.11 -53.10 132.82 758.02	0.39	
15 210.00	V1	$(-4.01-4.46) \times (155.95+156.01) / 2$ $(-2.58-4.01) \times (156.90+155.95) / 2$ $(-2.15-2.58) \times (156.92+156.90) / 2$ $(-3.00-2.15) \times (156.98+157.02) / 2$ $(-4.46-3.00) \times (156.01+156.98) / 2$	70.19 223.69 67.47 -133.45 -228.48	1.63	
15 210.00	V2	$(7.52-8.44) \times (154.29+154.16) / 2$ $(2.50-7.52) \times (156.80+154.29) / 2$ $(2.15-2.50) \times (156.82+156.80) / 2$ $(3.00-2.15) \times (156.88+156.92) / 2$ $(8.44-3.00) \times (154.16+156.88) / 2$	-141.89 -780.84 -54.88 133.36 846.03	0.58	
16 225.00	V1	$(-4.62-5.09) \times (156.19+156.24) / 2$ $(-2.58-4.62) \times (157.55+156.19) / 2$ $(-2.15-2.58) \times (157.56+157.55) / 2$ $(-3.00-2.15) \times (157.63+157.66) / 2$ $(-5.09-3.00) \times (156.24+157.63) / 2$	73.42 320.01 67.75 -134.00 -327.99	1.78	
16 225.00	V2	$(8.07-8.99) \times (154.66+154.53) / 2$ $(2.49-8.07) \times (157.45+154.66) / 2$ $(2.15-2.49) \times (157.46+157.45) / 2$ $(3.00-2.15) \times (157.53+157.56) / 2$ $(8.99-3.00) \times (154.53+157.53) / 2$	-142.23 -870.79 -53.53 133.91 934.62	0.81	
17 240.00	V1	$(-5.79-6.46) \times (156.46+156.46) / 2$ $(-2.49-5.79) \times (158.11+156.46) / 2$ $(-2.15-2.49) \times (158.12+158.11) / 2$ $(-3.00-2.15) \times (158.19+158.22) / 2$ $(-6.46-3.00) \times (156.46+158.19) / 2$	104.83 519.04 53.76 -134.47 -544.34	1.98	
17 240.00	V2	$(6.75-7.60) \times (155.88+155.79) / 2$ $(2.49-6.75) \times (158.01+155.88) / 2$ $(2.15-2.49) \times (158.02+158.01) / 2$ $(3.00-2.15) \times (158.09+158.12) / 2$ $(7.60-3.00) \times (155.79+158.09) / 2$	-132.46 -668.59 -53.73 134.39 721.92	1.18	
18 253.83	V1	$(-10.22-9.78) \times (158.64+158.63) / 2$ $(-9.29-10.22) \times (158.60+158.64) / 2$ $(-8.85-9.29) \times (158.62+158.60) / 2$ $(-9.70-8.85) \times (158.68+158.72) / 2$ $(-9.78-9.70) \times (158.63+158.68) / 2$	-69.80 147.52 69.79 -134.89 -12.69	1.53	
18 253.83	V2	$(15.13-15.05) \times (158.03+158.03) / 2$ $(14.94-15.13) \times (158.16+158.03) / 2$ $(14.74-14.94) \times (158.15+158.16) / 2$ $(14.86-14.74) \times (157.85+157.85) / 2$ $(15.05-14.86) \times (158.03+157.85) / 2$	12.64 -30.04 -31.63 18.94 30.01	0.07	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE			Foglio n. 7
PREPARAZIONE PIANO DI POSA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
2	e1	(3.38-2.01)	1.37		
3	e1	(3.39-2.17)	1.22	1.37	
4	e1	(-0.91--1.27)	0.36	1.22	
45.00		(-0.86--0.91)	0.05		
		(1.68--0.86)	2.54		
		(1.71-1.68)	0.03		
		(2.56-1.71)	0.85		
		(4.48-2.56)	1.92		
5	e1	(0.65--2.04)	2.69	5.75	
60.00		(1.20-0.65)	0.55		
		(2.42-1.20)	1.22		
		(3.63-2.42)	1.21		
		(4.41-3.63)	0.78		
		(7.64-4.41)	3.23		
6	e1	(1.66--1.29)	2.95	9.68	
75.00		(2.69-1.66)	1.03		
		(3.52-2.69)	0.83		
		(4.12-3.52)	0.60		
		(5.09-4.12)	0.97		
		(8.51-5.09)	3.42		
7	e1	(1.42--0.67)	2.09	9.80	
90.00		(2.18-1.42)	0.76		
		(3.30-2.18)	1.12		
		(3.87-3.30)	0.57		
		(4.64-3.87)	0.77		
		(5.16-4.64)	0.52		
		(5.63-5.16)	0.47		
		(7.56-5.63)	1.93		
8	e1	(3.76-1.83)	1.93	8.23	
9	e1	(3.19-2.78)	0.41	1.93	
10	e1	(0.63--0.52)	1.15	0.41	
135.00		(2.35-0.63)	1.72		
		(4.30-2.35)	1.95		
11	e1	(-1.29--2.05)	0.76	4.82	
150.85		(-0.65--1.29)	0.64		
		(0.00--0.65)	0.65		
		(2.09-0.00)	2.09		
		(3.77-2.09)	1.68		
		(7.27-3.77)	3.50		
		(10.04-7.27)	2.77		
12	e1	(-1.55--3.81)	2.26	12.09	
165.00		(-1.09--1.55)	0.46		
		(-0.29--1.09)	0.80		
		(0.20--0.29)	0.49		
		(4.06-0.20)	3.86		
		(5.88-4.06)	1.82		
		(9.45-5.88)	3.57		
13	e1	(4.69--3.54)	8.23	13.26	
180.00		(4.91-4.69)	0.22		
		(6.95-4.91)	2.04		
		(7.28-6.95)	0.33		
		(8.22-7.28)	0.94		
14	e1	(0.85--3.88)	4.73	11.76	
195.00		(1.67-0.85)	0.82		
		(3.51-1.67)	1.84		
		(7.89-3.51)	4.38		
15	e1	(-0.28--4.46)	4.18	11.77	
210.00		(1.03--0.28)	1.31		
		(5.63-1.03)	4.60		
		(8.44-5.63)	2.81		
16	e1	(-5.08--5.09)	0.01	12.90	
225.00		(-1.62--5.08)	3.46		
		(0.41--1.62)	2.03		
		(8.99-0.41)	8.58		
17	e1	(-3.19--6.46)	3.27	14.08	
240.00		(-1.07--3.19)	2.12		
		(0.95--1.07)	2.02		
		(2.50-0.95)	1.55		
		(3.36-2.50)	0.86		
		(3.40-3.36)	0.04		
		(4.08-3.40)	0.68		
		(7.60-4.08)	3.52		
18	e2	(-6.11--9.78)	3.67	14.06	
253.83		(-4.60--6.11)	1.51		
		(0.00--4.60)	4.60		
18	e1	(15.13-14.01)	1.12	9.78	
				1.12	
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		CALCOLO DELLE LUNGHEZZE			Foglio n. 8
SCOTICO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
1	j4	(-1.70--3.15)	1.45		
1	j3	(1.43-0.02)	1.41	1.45	
0.00		(1.67-1.43)	0.24		
		(1.75-1.67)	0.08		
		(2.02-1.75)	0.27		
1	j6	(-1.68--1.70)	0.02	2.00	
0.00		(0.02--1.68)	1.70		
1	j5	(2.82-2.02)	0.80	1.72	
0.00		(3.42-2.82)	0.60		
2	j1	(-3.39--3.54)	0.15	1.40	
15.00		(-3.01--3.39)	0.38		
		(-2.51--3.01)	0.50		
		(-1.09--2.51)	1.42		
		(-0.59--1.09)	0.50		
		(-0.51--0.59)	0.08		
		(1.05--0.51)	1.56		
		(2.01-1.05)	0.96	5.55	
3	j1	(-2.85--3.70)	0.85		
30.00		(-2.84--2.85)	0.01		
		(-0.90--2.84)	1.94		
		(-0.13--0.90)	0.77		
		(0.00--0.13)	0.13		
		(0.01-0.00)	0.01		
		(1.16-0.01)	1.15		
		(2.17-1.16)	1.01	5.87	
4	j1	(-1.27--3.41)	2.14	2.14	
5	j1	(-2.04--3.60)	1.56	1.56	
6	j1	(-1.29--4.73)	3.44	3.44	
7	j1	(-1.90--4.46)	2.56	3.79	
90.00		(-0.67--1.90)	1.23		
8	j1	(-1.68--5.72)	4.04	7.55	
105.00		(-1.59--1.68)	0.09		
		(0.91--1.59)	2.50		
		(1.83-0.91)	0.92		
9	j1	(-1.10--6.64)	5.54		
120.00		(-0.24--1.10)	0.86		
		(0.04--0.24)	0.28		
		(2.04-0.04)	2.00		
		(2.78-2.04)	0.74	9.42	
10	j1	(-2.45--3.98)	1.53		
135.00		(-1.22--2.45)	1.23		
		(-0.52--1.22)	0.70	3.46	
18	j1	(3.21-0.00)	3.21		
253.83		(6.37-3.21)	3.16		
		(6.39-6.37)	0.02		
		(11.27-6.39)	4.88		
		(12.81-11.27)	1.54		
		(12.91-12.81)	0.10		
		(14.01-12.91)	1.10	14.01	
Il Direttore dei Lavori		L'Impresa			

		COMPUTO DEI VOLUMI					Foglio n. 9	
SCAVO								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
1	2	1	A1	0.72	15.00	7.50	5.400	
0.00	15.00	2	A1	2.21	15.00	7.50	16.575	21.975
2	3	2	A1	2.21	15.00	7.50	16.575	
15.00	30.00	3	A1	2.58	15.00	7.50	19.350	35.925
3	4	3	A1	2.58	15.00	7.50	19.350	
30.00	45.00	4	A1	0.82	15.00	7.50	6.150	25.500
4	5	4	A1	0.82	15.00	7.50	6.150	
45.00	60.00	5	A1	0.68	15.00	7.50	5.100	11.250
5	6	5	A1	0.68	15.00	7.50	5.100	
60.00	75.00	6	A1	2.18	15.00	7.50	16.350	21.450
6	7	6	A1	2.18	15.00	7.50	16.350	
75.00	90.00	7	A1	2.52	15.00	7.50	18.900	35.250
7	8	7	A1	2.52	15.00	7.50	18.900	
90.00	105.00	8	A1	7.46	15.00	7.50	55.950	74.850
8	9	8	A1	7.46	15.00	7.50	55.950	
105.00	120.00	9	A1	11.32	15.00	7.50	84.900	140.850
9	10	9	A1	11.32	15.00	7.50	84.900	
120.00	135.00	10	A1	1.79	15.00	7.50	13.425	98.325
10	11	10	A1	1.79	15.85	7.92	14.177	14.177
17	18	18	A1	7.20	13.83	6.92	49.824	49.824
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO		529.376	

		COMPUTO DEI VOLUMI					Foglio n. 10		
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	
3	4	4	B1	0.78	15.00	7.50	5.850		
4	5	4	B1	0.78	15.00	7.50	5.850	5.850	
45.00	60.00	5	B1	5.47	15.00	7.50	41.025		
								46.875	
5	6	5	B1	5.47	15.00	7.50	41.025		
60.00	75.00	6	B1	6.63	15.00	7.50	49.725		
								90.750	
6	7	6	B1	6.63	15.00	7.50	49.725		
75.00	90.00	7	B1	3.48	15.00	7.50	26.100		
								75.825	
7	8	7	B1	3.48	15.00	7.50	26.100		
								26.100	
9	10	10	B1	0.43	15.00	7.50	3.225		
								3.225	
10	11	10	B1	0.43	15.85	7.92	3.406		
135.00	150.85	11	B1	10.47	15.85	7.92	82.922		
								86.328	
11	12	11	B1	10.47	14.15	7.08	74.128		
150.85	165.00	12	B1	12.39	14.15	7.08	87.721		
								161.849	
12	13	12	B1	12.39	15.00	7.50	92.925		
165.00	180.00	13	B1	7.04	15.00	7.50	52.800		
								145.725	
13	14	13	B1	7.04	15.00	7.50	52.800		
180.00	195.00	14	B1	8.83	15.00	7.50	66.225		
								119.025	
14	15	14	B1	8.83	15.00	7.50	66.225		
195.00	210.00	15	B1	11.45	15.00	7.50	85.875		
								152.100	
15	16	15	B1	11.45	15.00	7.50	85.875		
210.00	225.00	16	B1	14.62	15.00	7.50	109.650		
								195.525	
16	17	16	B1	14.62	15.00	7.50	109.650		
225.00	240.00	17	B1	12.50	15.00	7.50	93.750		
								203.400	
17	18	17	B1	12.50	13.83	6.92	86.500		
								86.500	
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			1399.077	

		COMPUTO DEI VOLUMI					Foglio n. 11	
TERRENO VEGETALE								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
1	2	1	V1	0.23	15.00	7.50	1.725	
0.00	15.00	1	V2	0.11	15.00	7.50	0.825	
		2	V1	0.41	15.00	7.50	3.075	
		2	V2	0.10	15.00	7.50	0.750	6.375
2	3	2	V1	0.41	15.00	7.50	3.075	
15.00	30.00	2	V2	0.10	15.00	7.50	0.750	
		3	V1	0.48	15.00	7.50	3.600	
		3	V2	0.10	15.00	7.50	0.750	8.175
3	4	3	V1	0.48	15.00	7.50	3.600	
30.00	45.00	3	V2	0.10	15.00	7.50	0.750	
		4	V1	0.37	15.00	7.50	2.775	
		4	V2	0.54	15.00	7.50	4.050	11.175
4	5	4	V1	0.37	15.00	7.50	2.775	
45.00	60.00	4	V2	0.54	15.00	7.50	4.050	
		5	V1	0.46	15.00	7.50	3.450	
		5	V2	1.52	15.00	7.50	11.400	21.675
5	6	5	V1	0.46	15.00	7.50	3.450	
60.00	75.00	5	V2	1.52	15.00	7.50	11.400	
		6	V1	1.00	15.00	7.50	7.500	
		6	V2	1.81	15.00	7.50	13.575	35.925
6	7	6	V1	1.00	15.00	7.50	7.500	
75.00	90.00	6	V2	1.81	15.00	7.50	13.575	
		7	V1	0.84	15.00	7.50	6.300	
		7	V2	1.52	15.00	7.50	11.400	38.775
7	8	7	V1	0.84	15.00	7.50	6.300	
90.00	105.00	7	V2	1.52	15.00	7.50	11.400	
		8	V1	1.38	15.00	7.50	10.350	
		8	V2	0.24	15.00	7.50	1.800	29.850
8	9	8	V1	1.38	15.00	7.50	10.350	
105.00	120.00	8	V2	0.24	15.00	7.50	1.800	
		9	V1	1.75	15.00	7.50	13.125	
		9	V2	0.08	15.00	7.50	0.600	25.875
9	10	9	V1	1.75	15.00	7.50	13.125	
120.00	135.00	9	V2	0.08	15.00	7.50	0.600	
		10	V1	0.61	15.00	7.50	4.575	
		10	V2	0.51	15.00	7.50	3.825	22.125
10	11	10	V1	0.61	15.85	7.92	4.831	
135.00	150.85	10	V2	0.51	15.85	7.92	4.039	
		11	V1	2.36	15.85	7.92	18.691	27.561
11	12	11	V1	2.36	14.15	7.08	16.709	
150.85	165.00	12	V1	0.36	14.15	7.08	2.549	
		12	V2	2.14	14.15	7.08	15.151	34.409
12	13	12	V1	0.36	15.00	7.50	2.700	
165.00	180.00	12	V2	2.14	15.00	7.50	16.050	
		13	V1	0.27	15.00	7.50	2.025	
		13	V2	1.74	15.00	7.50	13.050	33.825
13	14	13	V1	0.27	15.00	7.50	2.025	
180.00	195.00	13	V2	1.74	15.00	7.50	13.050	
		14	V1	0.39	15.00	7.50	2.925	
		14	V2	1.63	15.00	7.50	12.225	30.225
14	15	14	V1	0.39	15.00	7.50	2.925	
195.00	210.00	14	V2	1.63	15.00	7.50	12.225	
		15	V1	0.58	15.00	7.50	4.350	
		15	V2	1.78	15.00	7.50	13.350	32.850
15	16	15	V1	0.58	15.00	7.50	4.350	
210.00	225.00	15	V2	1.78	15.00	7.50	13.350	
		16	V1	0.81	15.00	7.50	6.075	
		16	V2	1.98	15.00	7.50	14.850	38.625
16	17	16	V1	0.81	15.00	7.50	6.075	
225.00	240.00	16	V2	1.98	15.00	7.50	14.850	
		17	V1	1.18	15.00	7.50	8.850	
		17	V2	1.53	15.00	7.50	11.475	41.250
17	18	17	V1	1.18	13.83	6.92	8.166	
240.00	253.83	17	V2	1.53	13.83	6.92	10.588	
		18	V1	0.07	13.83	6.92	0.484	
		18	V2	0.08	13.83	6.92	0.554	19.792
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO		458.487	

		COMPUTO DI SUPERFICI			Foglio n. 12			
PREPARAZIONE PIANO DI POSA								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI ml	DISTANZA DI CALCOLO ml	AREA PARZIALE mq	AREA TOTALE mq
1	2	2	e1	1.37	15.00	7.50	10.28	
2	3	2	e1	1.37	15.00	7.50	10.28	10.28
15.00	30.00	3	e1	1.22	15.00	7.50	9.15	
3	4	3	e1	1.22	15.00	7.50	9.15	19.43
30.00	45.00	4	e1	5.75	15.00	7.50	43.13	
4	5	4	e1	5.75	15.00	7.50	43.13	52.28
45.00	60.00	5	e1	9.68	15.00	7.50	72.60	
5	6	5	e1	9.68	15.00	7.50	72.60	115.73
60.00	75.00	6	e1	9.80	15.00	7.50	73.50	
6	7	6	e1	9.80	15.00	7.50	73.50	146.10
75.00	90.00	7	e1	8.23	15.00	7.50	61.73	
7	8	7	e1	8.23	15.00	7.50	61.73	135.23
90.00	105.00	8	e1	1.93	15.00	7.50	14.47	
8	9	8	e1	1.93	15.00	7.50	14.47	76.20
105.00	120.00	9	e1	0.41	15.00	7.50	3.07	
9	10	9	e1	0.41	15.00	7.50	3.07	17.54
120.00	135.00	10	e1	4.82	15.00	7.50	36.15	
10	11	10	e1	4.82	15.85	7.92	38.17	39.22
135.00	150.85	11	e1	12.09	15.85	7.92	95.75	
11	12	11	e1	12.09	14.15	7.08	85.60	133.92
150.85	165.00	12	e1	13.26	14.15	7.08	93.88	
12	13	12	e1	13.26	15.00	7.50	99.45	179.48
165.00	180.00	13	e1	11.76	15.00	7.50	88.20	
13	14	13	e1	11.76	15.00	7.50	88.20	187.65
180.00	195.00	14	e1	11.77	15.00	7.50	88.27	
14	15	14	e1	11.77	15.00	7.50	88.27	176.47
195.00	210.00	15	e1	12.90	15.00	7.50	96.75	
15	16	15	e1	12.90	15.00	7.50	96.75	185.02
210.00	225.00	16	e1	14.08	15.00	7.50	105.60	
16	17	16	e1	14.08	15.00	7.50	105.60	202.35
225.00	240.00	17	e1	14.06	15.00	7.50	105.45	
17	18	17	e1	14.06	13.83	6.92	97.30	211.05
240.00	253.83	18	e2	9.78	13.83	6.92	67.68	
		18	e1	1.12	13.83	6.92	7.75	172.73
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			2060.68

		COMPUTO DI SUPERFICI				Foglio n. 13			
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	
1	2	1	j4	1.45	15.00	7.50	10.88		
0.00	15.00	1	j3	2.00	15.00	7.50	15.00		
		1	j6	1.72	15.00	7.50	12.90		
		1	j5	1.40	15.00	7.50	10.50		
		2	j1	5.55	15.00	7.50	41.63		90.91
2	3	2	j1	5.55	15.00	7.50	41.63		
15.00	30.00	3	j1	5.87	15.00	7.50	44.02		
		3	j1	5.87	15.00	7.50	44.02		85.65
3	4	3	j1	5.87	15.00	7.50	44.02		
30.00	45.00	4	j1	2.14	15.00	7.50	16.05		
		4	j1	2.14	15.00	7.50	16.05		60.07
4	5	4	j1	2.14	15.00	7.50	16.05		
45.00	60.00	5	j1	1.56	15.00	7.50	11.70		
		5	j1	1.56	15.00	7.50	11.70		27.75
5	6	5	j1	1.56	15.00	7.50	11.70		
60.00	75.00	6	j1	3.44	15.00	7.50	25.80		
		6	j1	3.44	15.00	7.50	25.80		37.50
6	7	6	j1	3.44	15.00	7.50	25.80		
75.00	90.00	7	j1	3.79	15.00	7.50	28.43		
		7	j1	3.79	15.00	7.50	28.43		54.23
7	8	7	j1	3.79	15.00	7.50	28.43		
90.00	105.00	8	j1	7.55	15.00	7.50	56.63		
		8	j1	7.55	15.00	7.50	56.63		85.06
8	9	8	j1	7.55	15.00	7.50	56.63		
105.00	120.00	9	j1	9.42	15.00	7.50	70.65		
		9	j1	9.42	15.00	7.50	70.65		127.28
9	10	9	j1	9.42	15.00	7.50	70.65		
120.00	135.00	10	j1	3.46	15.00	7.50	25.95		
		10	j1	3.46	15.85	7.92	27.40		96.60
10	11	10	j1	3.46	15.85	7.92	27.40		
		17	j1	14.01	13.83	6.92	96.95		27.40
17	18	18	j1	14.01	13.83	6.92	96.95		96.95
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			789.40	

COMPUTO DEI VOLUMI		Foglio n. 14	
Volume dalla sezione 1 alla sezione 18			
ARTICOLO			VOLUME
A	SCAVO	mc	529.376
B	RILEVATO	mc	1399.077
V	TERRENO VEGETALE	mc	458.487
e	PREPARAZIONE PIANO DI POSA	mq	2060.68
j	SCOTICO	mq	789.40