



ANAS S.p.A.

Direzione Progettazione e Realizzazione Lavori

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:

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Ordine Ing. di Frosinone n. 1063



IL GEOLOGO:

geol. Maurizio MARTINO
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IL RESPONSABILE DEL SIA:

Ing. Laura TROIANI
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IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE:

geom. E PAIELLA



VISTO: IL RESPONSABILE DEL PROCEDIMENTO:

ing. Anna Maria NOSARI

PROTOCOLLO

DATA

DOTT. GEOL.
DANILO GALLO

ING. RENATO
DEL PRETE

DB810

D - PROGETTO STRADALE
DB - ROTATORIE
DB-8 - BACKTRACK
TABULATI MOVIMENTO MATERIA

CODICE PROGETTO

PROGETTO LIV. PROG. N. PROG.

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NOME FILE

DB810 - V08PS00TRAEC01_A.dwg

REVISIONE

SCALA:

CODICE ELAB. V08PS00TRAEC01

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EMISSIONE

Aprile 2020

REV.

DESCRIZIONE

DATA

REDATTO

VERIFICATO

APPROVATO

BACKTRACK

		CALCOLO DELLE AREE	Foglio n. 1		
SCAVO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
BK-1 0.00	A1	(-5.75--8.00)x(210.46+210.61)/2 (-5.64--5.75)x(210.45+210.46)/2 (-5.56--5.64)x(210.44+210.45)/2 (-7.25--5.56)x(210.48+210.44)/2 (-8.00--7.25)x(210.49+210.48)/2	473.70 23.15 16.84 -355.68 -157.86		
BK-1 0.00	A2	(-4.44--5.07)x(210.49+210.43)/2 (-0.60--4.44)x(210.38+210.49)/2 (1.00--0.60)x(210.35+210.38)/2 (-0.00-1.00)x(210.33+210.35)/2 (-5.07--0.00)x(210.43+210.33)/2	132.59 808.07 336.58 -210.34 -1066.63	0.15	
BK-2 9.44	A1	(1.05--2.77)x(213.13+210.77)/2 (2.78-1.05)x(214.18+213.13)/2 (3.47-2.78)x(214.44+214.18)/2 (3.12-3.47)x(211.10+214.44)/2 (2.35-3.12)x(211.10+211.10)/2 (1.00-2.35)x(210.69+210.69)/2 (-0.00-1.00)x(210.71+210.69)/2 (-2.77--0.00)x(210.77+210.71)/2	809.65 369.62 147.87 -74.47 -162.55 -284.43 -210.70 -583.75	0.27	
BK-3 14.52	A1	(0.21--2.58)x(212.64+210.96)/2 (3.36-0.21)x(213.64+212.64)/2 (3.12-3.36)x(211.30+213.64)/2 (2.35-3.12)x(211.30+211.30)/2 (1.00-2.35)x(210.89+210.89)/2 (0.00-1.00)x(210.91+210.89)/2 (-2.58-0.00)x(210.96+210.91)/2	590.92 671.39 -50.99 -162.70 -284.70 -210.90 -544.21	11.24	
BK-4 19.60	A1	(1.66--1.93)x(211.26+211.00)/2 (1.67-1.66)x(211.26+211.26)/2 (1.68-1.67)x(211.26+211.26)/2 (1.69-1.68)x(211.27+211.26)/2 (4.63-1.69)x(212.50+211.27)/2 (2.91-4.63)x(211.36+212.50)/2 (2.35-2.91)x(211.36+211.36)/2 (1.00-2.35)x(210.95+210.95)/2 (-0.00-1.00)x(210.97+210.95)/2 (-1.93--0.00)x(211.00+210.97)/2	757.96 2.11 2.11 2.11 622.94 -364.52 -118.36 -284.78 -210.96 -407.20	8.81	
BK-5 24.65	A1	(-2.32--3.25)x(210.98+210.92)/2 (0.26--2.32)x(211.17+210.98)/2 (1.00-0.26)x(211.34+211.17)/2 (-0.00-1.00)x(210.86+210.84)/2 (-3.25--0.00)x(210.92+210.86)/2	196.18 544.57 156.33 -210.85 -685.39	1.41	
BK-6 30.12	A1	(-1.32--4.23)x(210.78+210.72)/2 (-0.91--1.32)x(210.82+210.78)/2 (0.82--0.91)x(210.87+210.82)/2 (1.40-0.82)x(210.89+210.87)/2 (1.47-1.40)x(210.89+210.89)/2 (2.11-1.47)x(210.91+210.89)/2 (2.35-2.11)x(210.91+210.91)/2 (1.00-2.35)x(210.62+210.62)/2 (0.00-1.00)x(210.64+210.62)/2 (-4.23-0.00)x(210.72+210.64)/2	613.28 86.43 364.76 122.31 14.76 134.98 50.62 -284.34 -210.63 -891.18	0.84	
BK-7 36.31	A1	(-6.50--7.22)x(210.56+210.60)/2 (-6.22--6.50)x(210.63+210.56)/2 (-3.66--6.22)x(210.68+210.63)/2 (-1.16--3.66)x(210.69+210.68)/2 (-0.70--1.16)x(210.70+210.69)/2 (2.35--0.70)x(210.72+210.70)/2 (1.00-2.35)x(210.37+210.37)/2 (-0.00-1.00)x(210.39+210.37)/2 (-7.22--0.00)x(210.60+210.39)/2	151.62 58.97 539.28 526.71 96.92 642.67 -284.00 -210.38 -1519.77	0.99	
BK-8 42.49	A1	(-7.22--8.00)x(210.57+210.61)/2 (-6.76--7.22)x(210.52+210.57)/2 (-6.49--6.76)x(210.59+210.52)/2	164.26 96.85 56.85	2.02	
A RIPORTARE mq			317.96		

		CALCOLO DELLE AREE	Foglio n. 2		
SCAVO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			317.96		
BK-9 50.26	A1	$(-3.38--6.49) \times (210.58+210.59) / 2$	654.92	2.54	
		$(-0.09--3.38) \times (210.53+210.58) / 2$	692.73		
		$(1.00--0.09) \times (210.51+210.53) / 2$	229.47		
		$(0.00-1.00) \times (210.21+210.19) / 2$	-210.20		
		$(-7.25-0.00) \times (210.36+210.21) / 2$	-1524.57		
		$(-8.00--7.25) \times (210.37+210.36) / 2$	-157.77		
		$(-5.75--8.00) \times (210.46+210.61) / 2$	473.70		
BK-9 50.26	A2	$(-5.64--5.75) \times (210.45+210.46) / 2$	23.15	0.15	
		$(-5.56--5.64) \times (210.44+210.45) / 2$	16.84		
		$(-7.25--5.56) \times (210.48+210.44) / 2$	-355.68		
		$(-8.00--7.25) \times (210.49+210.48) / 2$	-157.86		
		$(-4.45--5.08) \times (210.49+210.43) / 2$	132.59		
		$(-0.60--4.45) \times (210.38+210.49) / 2$	810.17		
		$(1.00--0.60) \times (210.35+210.38) / 2$	336.58		
$(0.00-1.00) \times (210.33+210.35) / 2$	-210.34	0.27			
$(-5.08-0.00) \times (210.43+210.33) / 2$	-1068.73				
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE		Foglio n. 3	
SCAVO PER BONIFICA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
BK-2 9.44	B1	$(-6.63--8.00) \times (210.60+210.61) / 2$ $(-5.87--6.63) \times (210.54+210.60) / 2$ $(-3.38--5.87) \times (210.44+210.54) / 2$ $(-3.15--3.38) \times (210.53+210.44) / 2$ $(-3.09--3.15) \times (210.57+210.53) / 2$ $(-3.15--3.09) \times (209.73+209.77) / 2$ $(-3.38--3.15) \times (209.64+209.73) / 2$ $(-5.87--3.38) \times (209.74+209.64) / 2$ $(-6.63--5.87) \times (209.80+209.74) / 2$ $(-8.00--6.63) \times (209.81+209.80) / 2$	288.53 160.03 524.12 48.41 12.63 -12.59 -48.23 -522.13 -159.43 -287.43	3.91	
BK-3 14.52	B1	$(-5.93--8.00) \times (210.68+210.61) / 2$ $(-3.49--5.93) \times (210.66+210.68) / 2$ $(-3.25--3.49) \times (210.66+210.66) / 2$ $(-3.11--3.25) \times (210.72+210.66) / 2$ $(-3.00--3.11) \times (210.77+210.72) / 2$ $(-3.11--3.00) \times (209.92+209.97) / 2$ $(-3.25--3.11) \times (209.86+209.92) / 2$ $(-3.49--3.25) \times (209.86+209.86) / 2$ $(-5.93--3.49) \times (209.88+209.86) / 2$ $(-8.00--5.93) \times (209.81+209.88) / 2$	436.04 514.03 50.56 29.50 23.18 -23.09 -29.38 -50.37 -512.08 -434.38	4.01	
BK-4 19.60	B1	$(-4.16--8.00) \times (210.85+210.61) / 2$ $(-8.00--4.16) \times (209.81+210.05) / 2$	809.20 -806.13	3.07	
BK-5 24.65	B1	$(-5.58--8.00) \times (210.77+210.61) / 2$ $(-8.00--5.58) \times (209.81+209.97) / 2$	509.87 -507.93	1.94	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 4		
RILEVATO 1					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
BK-2 9.44	C1	$(-7.25--8.00) \times (210.86+210.87) / 2$ $(-3.09--7.25) \times (210.77+210.86) / 2$ $(-3.15--3.09) \times (210.73+210.77) / 2$ $(-3.38--3.15) \times (210.64+210.73) / 2$ $(-5.87--3.38) \times (210.74+210.64) / 2$ $(-6.63--5.87) \times (210.80+210.74) / 2$ $(-8.00--6.63) \times (210.81+210.80) / 2$	158.15 876.99 -12.65 -48.46 -524.62 -160.19 -288.80	0.42	
BK-3 14.52	C1	$(-7.25--8.00) \times (211.05+211.07) / 2$ $(-3.00--7.25) \times (210.97+211.05) / 2$ $(-3.11--3.00) \times (210.92+210.97) / 2$ $(-3.25--3.11) \times (210.86+210.92) / 2$ $(-3.49--3.25) \times (210.86+210.86) / 2$ $(-5.93--3.49) \times (210.88+210.86) / 2$ $(-8.00--5.93) \times (210.81+210.88) / 2$	158.30 896.79 -23.20 -29.52 -50.61 -514.52 -436.45	0.79	
BK-4 19.60	C1	$(-7.25--8.00) \times (211.11+211.13) / 2$ $(-4.16--7.25) \times (211.05+211.11) / 2$ $(-8.00--4.16) \times (210.81+211.05) / 2$	158.34 652.24 -809.97	0.61	
BK-5 24.65	C1	$(-7.25--8.00) \times (211.00+211.02) / 2$ $(-5.58--7.25) \times (210.97+211.00) / 2$ $(-8.00--5.58) \times (210.81+210.97) / 2$	158.26 352.34 -510.35	0.25	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 5		
RILEVATO 2					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
BK-2 9.44	D1	$(-6.63--8.00) \times (210.60+210.61) / 2$ $(-5.87--6.63) \times (210.54+210.60) / 2$ $(-3.38--5.87) \times (210.44+210.54) / 2$ $(-3.15--3.38) \times (210.53+210.44) / 2$ $(-3.09--3.15) \times (210.57+210.53) / 2$ $(-3.15--3.09) \times (210.13+210.17) / 2$ $(-3.38--3.15) \times (210.04+210.13) / 2$ $(-5.87--3.38) \times (210.14+210.04) / 2$ $(-6.63--5.87) \times (210.20+210.14) / 2$ $(-8.00--6.63) \times (210.21+210.20) / 2$	288.53 160.03 524.12 48.41 12.63 -12.61 -48.32 -523.12 -159.73 -287.98	1.96	
BK-3 14.52	D1	$(-5.93--8.00) \times (210.68+210.61) / 2$ $(-3.49--5.93) \times (210.66+210.68) / 2$ $(-3.25--3.49) \times (210.66+210.66) / 2$ $(-3.11--3.25) \times (210.72+210.66) / 2$ $(-3.00--3.11) \times (210.77+210.72) / 2$ $(-3.11--3.00) \times (210.32+210.37) / 2$ $(-3.25--3.11) \times (210.26+210.32) / 2$ $(-3.49--3.25) \times (210.26+210.26) / 2$ $(-5.93--3.49) \times (210.28+210.26) / 2$ $(-8.00--5.93) \times (210.21+210.28) / 2$	436.04 514.03 50.56 29.50 23.18 -23.14 -29.44 -50.46 -513.06 -435.21	2.00	
BK-4 19.60	D1	$(-4.16--8.00) \times (210.85+210.61) / 2$ $(-8.00--4.16) \times (210.21+210.45) / 2$	809.20 -807.67	1.53	
BK-5 24.65	D1	$(-5.58--8.00) \times (210.77+210.61) / 2$ $(-8.00--5.58) \times (210.21+210.37) / 2$	509.87 -508.90	0.97	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 6		
MATERIALE ANTICAPILLARE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
BK-2 9.44	E1	$(-6.63--8.00) \times (210.20+210.21) / 2$ $(-5.87--6.63) \times (210.14+210.20) / 2$ $(-3.38--5.87) \times (210.04+210.14) / 2$ $(-3.15--3.38) \times (210.13+210.04) / 2$ $(-3.09--3.15) \times (210.17+210.13) / 2$ $(-3.15--3.09) \times (209.73+209.77) / 2$ $(-3.38--3.15) \times (209.64+209.73) / 2$ $(-5.87--3.38) \times (209.74+209.64) / 2$ $(-6.63--5.87) \times (209.80+209.74) / 2$ $(-8.00--6.63) \times (209.81+209.80) / 2$	287.98 159.73 523.12 48.32 12.61 -12.59 -48.23 -522.13 -159.43 -287.43	1.95	
BK-3 14.52	E1	$(-5.93--8.00) \times (210.28+210.21) / 2$ $(-3.49--5.93) \times (210.26+210.28) / 2$ $(-3.25--3.49) \times (210.26+210.26) / 2$ $(-3.11--3.25) \times (210.32+210.26) / 2$ $(-3.00--3.11) \times (210.37+210.32) / 2$ $(-3.11--3.00) \times (209.92+209.97) / 2$ $(-3.25--3.11) \times (209.86+209.92) / 2$ $(-3.49--3.25) \times (209.86+209.86) / 2$ $(-5.93--3.49) \times (209.88+209.86) / 2$ $(-8.00--5.93) \times (209.81+209.88) / 2$	435.21 513.06 50.46 29.44 23.14 -23.09 -29.38 -50.37 -512.08 -434.38	2.01	
BK-4 19.60	E1	$(-4.16--8.00) \times (210.45+210.21) / 2$ $(-8.00--4.16) \times (209.81+210.05) / 2$	807.67 -806.13	1.54	
BK-5 24.65	E1	$(-5.58--8.00) \times (210.37+210.21) / 2$ $(-8.00--5.58) \times (209.81+209.97) / 2$	508.90 -507.93	0.97	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 7		
FONDAZIONE IN MISTO GRANULARE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
BK-1 0.00	F1	(-7.25--8.00) x (210.78+210.79) / 2 (-0.00--7.25) x (210.63+210.78) / 2 (1.00--0.00) x (210.61+210.63) / 2 (-0.00-1.00) x (210.33+210.31) / 2 (-7.25--0.00) x (210.48+210.33) / 2 (-8.00--7.25) x (210.49+210.48) / 2	158.09 1527.61 210.62 -210.32 -1525.44 -157.86		
BK-2 9.44	F1	(-7.25--8.00) x (211.16+211.17) / 2 (-0.00--7.25) x (211.01+211.16) / 2 (1.00--0.00) x (210.99+211.01) / 2 (2.35-1.00) x (210.79+210.79) / 2 (1.00-2.35) x (210.69+210.69) / 2 (-0.00-1.00) x (210.71+210.69) / 2 (-7.25--0.00) x (210.86+210.71) / 2 (-8.00--7.25) x (210.87+210.86) / 2	158.37 1530.37 211.00 284.57 -284.43 -210.70 -1528.19 -158.15	2.70	
BK-3 14.52	F1	(-7.25--8.00) x (211.35+211.37) / 2 (0.00--7.25) x (211.21+211.35) / 2 (1.00-0.00) x (211.19+211.21) / 2 (0.00-1.00) x (210.91+210.99) / 2 (-7.25-0.00) x (211.05+210.91) / 2 (-8.00--7.25) x (211.07+211.05) / 2	158.52 1531.78 211.20 -210.95 -1529.61 -158.30	2.84	
BK-3 14.52	F2	(2.35-1.00) x (210.99+210.99) / 2 (1.00-2.35) x (210.89+210.89) / 2	284.84 -284.70	2.64	
BK-4 19.60	F1	(-7.25--8.00) x (211.41+211.43) / 2 (-0.00--7.25) x (211.27+211.41) / 2 (1.00--0.00) x (211.25+211.27) / 2 (-0.00-1.00) x (210.97+211.05) / 2 (-7.25--0.00) x (211.11+210.97) / 2 (-8.00--7.25) x (211.13+211.11) / 2	158.57 1532.21 211.26 -211.01 -1530.04 -158.34	0.14	
BK-4 19.60	F2	(2.35-1.00) x (211.05+211.05) / 2 (1.00-2.35) x (210.95+210.95) / 2	284.92 -284.78	2.65	
BK-5 24.65	F1	(-7.25--8.00) x (211.30+211.32) / 2 (-0.00--7.25) x (211.16+211.30) / 2 (1.00--0.00) x (211.14+211.16) / 2 (-0.00-1.00) x (210.86+210.84) / 2 (-7.25--0.00) x (211.00+210.86) / 2 (-8.00--7.25) x (211.02+211.00) / 2	158.48 1531.42 211.15 -210.85 -1529.24 -158.26	0.14	
BK-6 30.12	F1	(-7.25--8.00) x (211.08+211.10) / 2 (0.00--7.25) x (210.94+211.08) / 2 (1.00-0.00) x (210.92+210.94) / 2 (0.00-1.00) x (210.64+210.72) / 2 (-7.25-0.00) x (210.78+210.64) / 2 (-8.00--7.25) x (210.80+210.78) / 2	158.32 1529.82 210.93 -210.68 -1527.65 -158.09	2.70	
BK-6 30.12	F2	(2.35-1.00) x (210.72+210.72) / 2 (1.00-2.35) x (210.62+210.62) / 2	284.47 -284.34	2.65	
BK-7 36.31	F1	(-7.25--8.00) x (210.84+210.85) / 2 (-0.00--7.25) x (210.69+210.84) / 2 (1.00--0.00) x (210.67+210.69) / 2 (-0.00-1.00) x (210.39+210.47) / 2 (-7.25--0.00) x (210.54+210.39) / 2 (-8.00--7.25) x (210.55+210.54) / 2	158.13 1528.05 210.68 -210.43 -1525.87 -157.91	0.13	
BK-7 36.31	F2	(2.35-1.00) x (210.47+210.47) / 2 (1.00-2.35) x (210.37+210.37) / 2	284.13 -284.00	2.65	
BK-8 42.49	F1	(-7.25--8.00) x (210.66+210.67) / 2 (0.00--7.25) x (210.51+210.66) / 2 (1.00-0.00) x (210.49+210.51) / 2 (0.00-1.00) x (210.21+210.19) / 2 (-7.25-0.00) x (210.36+210.21) / 2 (-8.00--7.25) x (210.37+210.36) / 2	158.00 1526.74 210.50 -210.20 -1524.57 -157.77	0.13	
A RIPORTARE mq				2.70	

		CALCOLO DELLE AREE			Foglio n. 8
FONDAZIONE IN MISTO GRANULARE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq					
BK-9 50.26	F1	$(-7.25--8.00) \times (210.78+210.79) / 2$ $(0.00--7.25) \times (210.63+210.78) / 2$ $(1.00-0.00) \times (210.61+210.63) / 2$ $(0.00-1.00) \times (210.33+210.31) / 2$ $(-7.25-0.00) \times (210.48+210.33) / 2$ $(-8.00--7.25) \times (210.49+210.48) / 2$	158.09 1527.61 210.62 -210.32 -1525.44 -157.86	2.70	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 9		
TERRENO VEGETALE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
BK-2 9.44	I1	$(3.18-3.49) \times (214.53+214.65) / 2$ $(2.85-3.18) \times (211.42+214.53) / 2$ $(2.35-2.85) \times (211.40+211.42) / 2$ $(3.12-2.35) \times (211.10+211.10) / 2$ $(3.49-3.12) \times (214.65+211.10) / 2$	-66.52 -70.28 -105.71 162.55 78.76		
BK-3 14.52	I1	$(3.07-3.39) \times (213.74+213.84) / 2$ $(2.85-3.07) \times (211.62+213.74) / 2$ $(2.35-2.85) \times (211.60+211.62) / 2$ $(3.12-2.35) \times (211.30+211.30) / 2$ $(3.39-3.12) \times (213.84+211.30) / 2$	-68.41 -46.79 -105.81 162.70 57.39	1.20	
BK-4 19.60	I1	$(3.98-5.44) \times (212.43+213.04) / 2$ $(2.85-3.98) \times (211.68+212.43) / 2$ $(2.35-2.85) \times (211.66+211.68) / 2$ $(2.91-2.35) \times (211.36+211.36) / 2$ $(5.44-2.91) \times (213.04+211.36) / 2$	-310.59 -239.62 -105.84 118.36 536.87	0.92	
BK-6 30.12	I1	$(3.17-2.94) \times (211.14+211.13) / 2$ $(2.85-3.17) \times (211.35+211.14) / 2$ $(2.35-2.85) \times (211.33+211.35) / 2$ $(2.79-2.35) \times (211.03+211.03) / 2$ $(2.94-2.79) \times (211.13+211.03) / 2$	48.56 -67.60 -105.67 92.85 31.66	0.82	
BK-7 36.31	I1	$(3.10-3.01) \times (210.93+210.93) / 2$ $(2.85-3.10) \times (211.10+210.93) / 2$ $(2.35-2.85) \times (211.08+211.10) / 2$ $(2.79-2.35) \times (210.78+210.78) / 2$ $(3.01-2.79) \times (210.93+210.78) / 2$	18.98 -52.75 -105.55 92.74 46.39	0.20 0.19	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 10		
SCAVO PER BONIFICA IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
BK-1 0.00	P1	(-7.25--8.00)x(210.48+210.49)/2 (-0.00--7.25)x(210.33+210.48)/2 (1.00--0.00)x(210.31+210.33)/2 (-0.60-1.00)x(209.58+209.55)/2 (-4.44--0.60)x(209.69+209.58)/2 (-5.11--4.44)x(209.63+209.69)/2 (-5.20--5.11)x(209.63+209.63)/2 (-5.44--5.20)x(209.63+209.63)/2 (-5.64--5.44)x(209.65+209.63)/2 (-5.75--5.64)x(209.66+209.65)/2 (-8.00--5.75)x(209.81+209.66)/2	157.86 1525.44 210.32 -335.30 -805.00 -140.47 -18.87 -50.31 -41.93 -23.06 -471.90		
BK-4 19.60	P1	(-0.00--4.16)x(210.97+211.05)/2 (1.00--0.00)x(210.95+210.97)/2 (2.35-1.00)x(210.95+210.95)/2 (2.91-2.35)x(211.36+211.36)/2 (5.44-2.91)x(213.04+211.36)/2 (1.69-5.44)x(210.47+212.04)/2 (1.68-1.69)x(210.46+210.47)/2 (1.67-1.68)x(210.46+210.46)/2 (1.66-1.67)x(210.46+210.46)/2 (-3.73-1.66)x(210.08+210.46)/2 (-4.16--3.73)x(210.05+210.08)/2	877.80 210.96 284.78 118.36 536.87 -792.21 -2.10 -2.10 -2.10 -1133.36 -90.33	6.78	
BK-5 24.65	P1	(-0.00--5.58)x(210.86+210.97)/2 (1.00--0.00)x(210.84+210.86)/2 (0.26-1.00)x(210.37+210.54)/2 (-2.32-0.26)x(210.18+210.37)/2 (-5.58--2.32)x(209.97+210.18)/2	1176.91 210.85 -155.74 -542.51 -684.84	6.57	
BK-6 30.12	P1	(-7.25--8.00)x(210.78+210.80)/2 (0.00--7.25)x(210.64+210.78)/2 (1.00-0.00)x(210.62+210.64)/2 (2.35-1.00)x(210.62+210.62)/2 (2.79-2.35)x(211.03+211.03)/2 (2.94-2.79)x(211.13+211.03)/2 (2.39-2.94)x(210.11+210.13)/2 (2.11-2.39)x(210.11+210.11)/2 (1.47-2.11)x(210.09+210.11)/2 (1.40-1.47)x(210.09+210.09)/2 (0.82-1.40)x(210.07+210.09)/2 (-0.91-0.82)x(210.02+210.07)/2 (-1.32--0.91)x(209.98+210.02)/2 (-6.17--1.32)x(209.88+209.98)/2 (-8.00--6.17)x(209.81+209.88)/2	158.09 1527.65 210.63 284.34 92.85 31.66 -115.57 -58.83 -134.46 -14.71 -121.85 -363.38 -86.10 -1018.16 -384.02	4.67	
BK-7 36.31	P1	(-7.25--8.00)x(210.54+210.55)/2 (-0.00--7.25)x(210.39+210.54)/2 (1.00--0.00)x(210.37+210.39)/2 (2.35-1.00)x(210.37+210.37)/2 (2.79-2.35)x(210.78+210.78)/2 (3.01-2.79)x(210.93+210.78)/2 (-0.70-3.01)x(209.90+209.93)/2 (-1.16--0.70)x(209.89+209.90)/2 (-3.66--1.16)x(209.88+209.89)/2 (-6.22--3.66)x(209.83+209.88)/2 (-6.50--6.22)x(209.76+209.83)/2 (-7.22--6.50)x(209.80+209.76)/2 (-8.00--7.22)x(209.81+209.80)/2	157.91 1525.87 210.38 284.00 92.74 46.39 -778.78 -96.55 -524.71 -537.23 -58.74 -151.04 -163.65	8.14	
BK-8 42.49	P1	(-7.25--8.00)x(210.36+210.37)/2 (0.00--7.25)x(210.21+210.36)/2 (1.00-0.00)x(210.19+210.21)/2 (-0.09-1.00)x(209.73+209.71)/2 (-3.38--0.09)x(209.78+209.73)/2 (-6.49--3.38)x(209.79+209.78)/2 (-6.76--6.49)x(209.72+209.79)/2 (-7.22--6.76)x(209.77+209.72)/2 (-8.00--7.22)x(209.81+209.77)/2	157.77 1524.57 210.20 -228.59 -690.09 -652.43 -56.63 -96.48 -163.64	6.59	
A RIPORTARE mq				4.68	

		CALCOLO DELLE AREE	Foglio n. 11		
SCAVO PER BONIFICA IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq					
BK-9 50.26	P1	$(-7.25--8.00) \times (210.48+210.49) / 2$ $(0.00--7.25) \times (210.33+210.48) / 2$ $(1.00-0.00) \times (210.31+210.33) / 2$ $(-0.60-1.00) \times (209.58+209.55) / 2$ $(-4.45--0.60) \times (209.69+209.58) / 2$ $(-5.11--4.45) \times (209.63+209.69) / 2$ $(-5.20--5.11) \times (209.63+209.63) / 2$ $(-5.44--5.20) \times (209.63+209.63) / 2$ $(-5.64--5.44) \times (209.65+209.63) / 2$ $(-5.75--5.64) \times (209.66+209.65) / 2$ $(-8.00--5.75) \times (209.81+209.66) / 2$	157.86 1525.44 210.32 -335.30 -807.09 -138.38 -18.87 -50.31 -41.93 -23.06 -471.90	6.78	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 12		
ANTICAPILLARE TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
BK-1 0.00	Q1	(-5.75--8.00)x(210.06+210.21)/2 (-5.64--5.75)x(210.05+210.06)/2 (-5.44--5.64)x(210.03+210.05)/2 (-5.20--5.44)x(210.03+210.03)/2 (-5.11--5.20)x(210.03+210.03)/2 (-4.44--5.11)x(210.09+210.03)/2 (-0.60--4.44)x(209.98+210.09)/2 (1.00--0.60)x(209.95+209.98)/2 (-0.60-1.00)x(209.58+209.55)/2 (-4.44--0.60)x(209.69+209.58)/2 (-5.11--4.44)x(209.63+209.69)/2 (-5.20--5.11)x(209.63+209.63)/2 (-5.44--5.20)x(209.63+209.63)/2 (-5.64--5.44)x(209.65+209.63)/2 (-5.75--5.64)x(209.66+209.65)/2 (-8.00--5.75)x(209.81+209.66)/2	472.80 23.11 42.01 50.41 18.90 140.74 806.53 335.94 -335.30 -805.00 -140.47 -18.87 -50.31 -41.93 -23.06 -471.90		
BK-4 19.60	Q1	(-3.73--4.16)x(210.48+210.45)/2 (1.66--3.73)x(210.86+210.48)/2 (1.67-1.66)x(210.86+210.86)/2 (1.68-1.67)x(210.86+210.86)/2 (1.69-1.68)x(210.87+210.86)/2 (5.44-1.69)x(212.44+210.87)/2 (1.69-5.44)x(210.47+212.04)/2 (1.68-1.69)x(210.46+210.47)/2 (1.67-1.68)x(210.46+210.46)/2 (1.66-1.67)x(210.46+210.46)/2 (-3.73-1.66)x(210.08+210.46)/2 (-4.16--3.73)x(210.05+210.08)/2	90.50 1135.51 2.11 2.11 2.11 793.71 -792.21 -2.10 -2.10 -2.10 -1133.36 -90.33	3.60	
BK-5 24.65	Q1	(-2.32--5.58)x(210.58+210.37)/2 (0.26--2.32)x(210.77+210.58)/2 (1.00-0.26)x(210.94+210.77)/2 (0.26-1.00)x(210.37+210.54)/2 (-2.32-0.26)x(210.18+210.37)/2 (-5.58--2.32)x(209.97+210.18)/2	686.15 543.54 156.03 -155.74 -542.51 -684.84	3.85	
BK-6 30.12	Q1	(-6.17--8.00)x(210.28+210.21)/2 (-1.32--6.17)x(210.38+210.28)/2 (-0.91--1.32)x(210.42+210.38)/2 (0.82--0.91)x(210.47+210.42)/2 (1.40-0.82)x(210.49+210.47)/2 (1.47-1.40)x(210.49+210.49)/2 (2.11-1.47)x(210.51+210.49)/2 (2.39-2.11)x(210.51+210.51)/2 (2.94-2.39)x(210.53+210.51)/2 (2.39-2.94)x(210.11+210.13)/2 (2.11-2.39)x(210.11+210.11)/2 (1.47-2.11)x(210.09+210.11)/2 (1.40-1.47)x(210.09+210.09)/2 (0.82-1.40)x(210.07+210.09)/2 (-0.91-0.82)x(210.02+210.07)/2 (-1.32--0.91)x(209.98+210.02)/2 (-6.17--1.32)x(209.88+209.98)/2 (-8.00--6.17)x(209.81+209.88)/2	384.75 1020.10 86.26 364.07 122.08 14.73 134.72 58.94 115.79 -115.57 -58.83 -134.46 -14.71 -121.85 -363.38 -86.10 -1018.16 -384.02	2.63	
BK-7 36.31	Q1	(-7.22--8.00)x(210.20+210.21)/2 (-6.50--7.22)x(210.16+210.20)/2 (-6.22--6.50)x(210.23+210.16)/2 (-3.66--6.22)x(210.28+210.23)/2 (-1.16--3.66)x(210.29+210.28)/2 (-0.70--1.16)x(210.30+210.29)/2 (3.01--0.70)x(210.33+210.30)/2 (-0.70-3.01)x(209.90+209.93)/2 (-1.16--0.70)x(209.89+209.90)/2 (-3.66--1.16)x(209.88+209.89)/2 (-6.22--3.66)x(209.83+209.88)/2 (-6.50--6.22)x(209.76+209.83)/2 (-7.22--6.50)x(209.80+209.76)/2 (-8.00--7.22)x(209.81+209.80)/2	163.96 151.33 58.85 538.25 525.71 96.74 780.27 -778.78 -96.55 -524.71 -537.23 -58.74 -151.04 -163.65	4.36	
A RIPORTARE mq			4.41		

		CALCOLO DELLE AREE		Foglio n. 13	
ANTICIPILLARE TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			4.41		
BK-8 42.49	Q1	$(-7.22--8.00) \times (210.17+210.21) / 2$ $(-6.76--7.22) \times (210.12+210.17) / 2$ $(-6.49--6.76) \times (210.19+210.12) / 2$ $(-3.38--6.49) \times (210.18+210.19) / 2$ $(-0.09--3.38) \times (210.13+210.18) / 2$ $(1.00--0.09) \times (210.11+210.13) / 2$ $(-0.09-1.00) \times (209.73+209.71) / 2$ $(-3.38--0.09) \times (209.78+209.73) / 2$ $(-6.49--3.38) \times (209.79+209.78) / 2$ $(-6.76--6.49) \times (209.72+209.79) / 2$ $(-7.22--6.76) \times (209.77+209.72) / 2$ $(-8.00--7.22) \times (209.81+209.77) / 2$	163.95 96.67 56.74 653.68 691.41 229.03 -228.59 -690.09 -652.43 -56.63 -96.48 -163.64	4.41	
BK-9 50.26	Q1	$(-5.75--8.00) \times (210.06+210.21) / 2$ $(-5.64--5.75) \times (210.05+210.06) / 2$ $(-5.44--5.64) \times (210.03+210.05) / 2$ $(-5.20--5.44) \times (210.03+210.03) / 2$ $(-5.11--5.20) \times (210.03+210.03) / 2$ $(-4.45--5.11) \times (210.09+210.03) / 2$ $(-0.60--4.45) \times (209.98+210.09) / 2$ $(1.00--0.60) \times (209.95+209.98) / 2$ $(-0.60-1.00) \times (209.58+209.55) / 2$ $(-4.45--0.60) \times (209.69+209.58) / 2$ $(-5.11--4.45) \times (209.63+209.69) / 2$ $(-5.20--5.11) \times (209.63+209.63) / 2$ $(-5.44--5.20) \times (209.63+209.63) / 2$ $(-5.64--5.44) \times (209.65+209.63) / 2$ $(-5.75--5.64) \times (209.66+209.65) / 2$ $(-8.00--5.75) \times (209.81+209.66) / 2$	472.80 23.11 42.01 50.41 18.90 138.64 808.63 335.94 -335.30 -807.09 -138.38 -18.87 -50.31 -41.93 -23.06 -471.90	3.62	3.60
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 14		
RILEVATO 3					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
BK-1 0.00	T1	(-7.25--8.00)x(210.48+210.49)/2 (-0.00--7.25)x(210.33+210.48)/2 (1.00--0.00)x(210.31+210.33)/2 (-0.60-1.00)x(209.98+209.95)/2 (-4.44--0.60)x(210.09+209.98)/2 (-5.11--4.44)x(210.03+210.09)/2 (-5.20--5.11)x(210.03+210.03)/2 (-5.44--5.20)x(210.03+210.03)/2 (-5.64--5.44)x(210.05+210.03)/2 (-5.75--5.64)x(210.06+210.05)/2 (-8.00--5.75)x(210.21+210.06)/2	157.86 1525.44 210.32 -335.94 -806.53 -140.74 -18.90 -50.41 -42.01 -23.11 -472.80		
BK-4 19.60	T1	(-0.00--4.16)x(210.97+211.05)/2 (1.00--0.00)x(210.95+210.97)/2 (1.88-1.00)x(210.95+210.95)/2 (1.69-1.88)x(210.87+210.95)/2 (1.68-1.69)x(210.86+210.87)/2 (1.67-1.68)x(210.86+210.86)/2 (1.66-1.67)x(210.86+210.86)/2 (-3.73-1.66)x(210.48+210.86)/2 (-4.16--3.73)x(210.45+210.48)/2	877.80 210.96 185.64 -40.07 -2.11 -2.11 -2.11 -1135.51 -90.50	3.18	
BK-4 19.60	T2	(5.44-3.00)x(213.04+211.42)/2 (3.00-5.44)x(211.42+212.44)/2	517.84 -517.11	1.99	
BK-5 24.65	T1	(-0.00--5.58)x(210.86+210.97)/2 (0.59--0.00)x(210.84+210.86)/2 (0.26-0.59)x(210.77+210.84)/2 (-2.32-0.26)x(210.58+210.77)/2 (-5.58--2.32)x(210.37+210.58)/2	1176.91 124.40 -69.57 -543.54 -686.15	0.73	
BK-6 30.12	T1	(-7.25--8.00)x(210.78+210.80)/2 (0.00--7.25)x(210.64+210.78)/2 (1.00-0.00)x(210.62+210.64)/2 (2.35-1.00)x(210.62+210.62)/2 (2.79-2.35)x(211.03+211.03)/2 (2.94-2.79)x(211.13+211.03)/2 (2.39-2.94)x(210.51+210.53)/2 (2.11-2.39)x(210.51+210.51)/2 (1.47-2.11)x(210.49+210.51)/2 (1.40-1.47)x(210.49+210.49)/2 (0.82-1.40)x(210.47+210.49)/2 (-0.91-0.82)x(210.42+210.47)/2 (-1.32--0.91)x(210.38+210.42)/2 (-6.17--1.32)x(210.28+210.38)/2 (-8.00--6.17)x(210.21+210.28)/2	158.09 1527.65 210.63 284.34 92.85 31.66 -115.79 -58.94 -134.72 -14.73 -122.08 -364.07 -86.26 -1020.10 -384.75		
BK-7 36.31	T1	(-7.25--8.00)x(210.54+210.55)/2 (-0.00--7.25)x(210.39+210.54)/2 (1.00--0.00)x(210.37+210.39)/2 (2.35-1.00)x(210.37+210.37)/2 (-0.70-2.35)x(210.30+210.32)/2 (-1.16--0.70)x(210.29+210.30)/2 (-3.66--1.16)x(210.28+210.29)/2 (-6.22--3.66)x(210.23+210.28)/2 (-6.50--6.22)x(210.16+210.23)/2 (-7.22--6.50)x(210.20+210.16)/2 (-8.00--7.22)x(210.21+210.20)/2	157.91 1525.87 210.38 284.00 -641.45 -96.74 -525.71 -538.25 -58.85 -151.33 -163.96	3.78	
BK-7 36.31	T2	(2.79-2.35)x(210.78+210.78)/2 (3.01-2.79)x(210.93+210.78)/2 (2.35-3.01)x(210.32+210.33)/2	92.74 46.39 -138.81	1.87	
BK-8 42.49	T1	(-7.25--8.00)x(210.36+210.37)/2 (0.00--7.25)x(210.21+210.36)/2 (-3.38-0.00)x(210.18+210.21)/2 (-6.49--3.38)x(210.19+210.18)/2 (-6.76--6.49)x(210.12+210.19)/2 (-7.22--6.76)x(210.17+210.12)/2 (-8.00--7.22)x(210.21+210.17)/2	157.77 1524.57 -710.46 -653.68 -56.74 -96.67 -163.95	0.32	
A RIPORTARE mq			0.84		

		CALCOLO DELLE LUNGHEZZE	Foglio n. 16		
CONGL. BIT. (Binder)					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
BK-1 0.00	a1	$^1 ((-7.25--8.00)^2 + (210.94-210.95)^2)$ $^1 ((-0.00--7.25)^2 + (210.79-210.94)^2)$ $^1 ((1.00--0.00)^2 + (210.77-210.79)^2)$	0.75 7.25 1.00	9.00	
BK-2 9.44	a1	$^1 ((-7.25--8.00)^2 + (211.32-211.33)^2)$ $^1 ((-0.00--7.25)^2 + (211.17-211.32)^2)$ $^1 ((1.00--0.00)^2 + (211.15-211.17)^2)$	0.75 7.25 1.00	9.00	
BK-3 14.52	a1	$^1 ((-7.25--8.00)^2 + (211.51-211.53)^2)$ $^1 ((0.00--7.25)^2 + (211.37-211.51)^2)$ $^1 ((1.00-0.00)^2 + (211.35-211.37)^2)$	0.75 7.25 1.00	9.00	
BK-4 19.60	a1	$^1 ((-7.25--8.00)^2 + (211.57-211.59)^2)$ $^1 ((-0.00--7.25)^2 + (211.43-211.57)^2)$ $^1 ((1.00--0.00)^2 + (211.41-211.43)^2)$	0.75 7.25 1.00	9.00	
BK-5 24.65	a1	$^1 ((-7.25--8.00)^2 + (211.46-211.48)^2)$ $^1 ((-0.00--7.25)^2 + (211.32-211.46)^2)$ $^1 ((1.00--0.00)^2 + (211.30-211.32)^2)$	0.75 7.25 1.00	9.00	
BK-6 30.12	a1	$^1 ((-7.25--8.00)^2 + (211.24-211.26)^2)$ $^1 ((0.00--7.25)^2 + (211.10-211.24)^2)$ $^1 ((1.00-0.00)^2 + (211.08-211.10)^2)$	0.75 7.25 1.00	9.00	
BK-7 36.31	a1	$^1 ((-7.25--8.00)^2 + (211.00-211.01)^2)$ $^1 ((-0.00--7.25)^2 + (210.85-211.00)^2)$ $^1 ((1.00--0.00)^2 + (210.83-210.85)^2)$	0.75 7.25 1.00	9.00	
BK-8 42.49	a1	$^1 ((-7.25--8.00)^2 + (210.82-210.83)^2)$ $^1 ((0.00--7.25)^2 + (210.67-210.82)^2)$ $^1 ((1.00-0.00)^2 + (210.65-210.67)^2)$	0.75 7.25 1.00	9.00	
BK-9 50.26	a1	$^1 ((-7.25--8.00)^2 + (210.94-210.95)^2)$ $^1 ((0.00--7.25)^2 + (210.79-210.94)^2)$ $^1 ((1.00-0.00)^2 + (210.77-210.79)^2)$	0.75 7.25 1.00	9.00	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 17		
TAPPETO DI USURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
BK-1 0.00	b1	$^1 ((-7.25--8.00)^2 + (210.98-210.99)^2)$ $^1 ((-7.00--7.25)^2 + (210.97-210.98)^2)$ $^1 ((-0.00--7.00)^2 + (210.83-210.97)^2)$ $^1 ((1.00--0.00)^2 + (210.81-210.83)^2)$	0.75 0.25 7.00 1.00	9.00	
BK-2 9.44	b1	$^1 ((-7.25--8.00)^2 + (211.36-211.37)^2)$ $^1 ((-7.00--7.25)^2 + (211.35-211.36)^2)$ $^1 ((-0.00--7.00)^2 + (211.21-211.35)^2)$ $^1 ((1.00--0.00)^2 + (211.19-211.21)^2)$	0.75 0.25 7.00 1.00	9.00	
BK-3 14.52	b1	$^1 ((-7.25--8.00)^2 + (211.55-211.57)^2)$ $^1 ((-7.00--7.25)^2 + (211.55-211.55)^2)$ $^1 ((0.00--7.00)^2 + (211.41-211.55)^2)$ $^1 ((1.00-0.00)^2 + (211.39-211.41)^2)$	0.75 0.25 7.00 1.00	9.00	
BK-4 19.60	b1	$^1 ((-7.25--8.00)^2 + (211.61-211.63)^2)$ $^1 ((-7.00--7.25)^2 + (211.61-211.61)^2)$ $^1 ((-0.00--7.00)^2 + (211.47-211.61)^2)$ $^1 ((1.00--0.00)^2 + (211.45-211.47)^2)$	0.75 0.25 7.00 1.00	9.00	
BK-5 24.65	b1	$^1 ((-7.25--8.00)^2 + (211.50-211.52)^2)$ $^1 ((-7.00--7.25)^2 + (211.50-211.50)^2)$ $^1 ((-0.00--7.00)^2 + (211.36-211.50)^2)$ $^1 ((1.00--0.00)^2 + (211.34-211.36)^2)$	0.75 0.25 7.00 1.00	9.00	
BK-6 30.12	b1	$^1 ((-7.25--8.00)^2 + (211.28-211.30)^2)$ $^1 ((-7.00--7.25)^2 + (211.28-211.28)^2)$ $^1 ((0.00--7.00)^2 + (211.14-211.28)^2)$ $^1 ((1.00-0.00)^2 + (211.12-211.14)^2)$	0.75 0.25 7.00 1.00	9.00	
BK-7 36.31	b1	$^1 ((-7.25--8.00)^2 + (211.04-211.05)^2)$ $^1 ((-7.00--7.25)^2 + (211.03-211.04)^2)$ $^1 ((-0.00--7.00)^2 + (210.89-211.03)^2)$ $^1 ((1.00--0.00)^2 + (210.87-210.89)^2)$	0.75 0.25 7.00 1.00	9.00	
BK-8 42.49	b1	$^1 ((-7.25--8.00)^2 + (210.86-210.87)^2)$ $^1 ((-7.00--7.25)^2 + (210.85-210.86)^2)$ $^1 ((0.00--7.00)^2 + (210.71-210.85)^2)$ $^1 ((1.00-0.00)^2 + (210.69-210.71)^2)$	0.75 0.25 7.00 1.00	9.00	
BK-9 50.26	b1	$^1 ((-7.25--8.00)^2 + (210.98-210.99)^2)$ $^1 ((-7.00--7.25)^2 + (210.97-210.98)^2)$ $^1 ((0.00--7.00)^2 + (210.83-210.97)^2)$ $^1 ((1.00-0.00)^2 + (210.81-210.83)^2)$	0.75 0.25 7.00 1.00	9.00	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE			Foglio n. 18
PREPARAZIONE PIANO DI POSA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
BK-2 9.44	e1	$^1((-6.63--8.00)^2+(210.60-210.61)^2)$ $^1((-5.87--6.63)^2+(210.54-210.60)^2)$ $^1((-3.38--5.87)^2+(210.44-210.54)^2)$ $^1((-3.15--3.38)^2+(210.53-210.44)^2)$ $^1((-3.09--3.15)^2+(210.57-210.53)^2)$	1.37 0.76 2.49 0.25 0.07	4.94	
BK-3 14.52	e1	$^1((-5.93--8.00)^2+(210.68-210.61)^2)$ $^1((-3.49--5.93)^2+(210.66-210.68)^2)$ $^1((-3.25--3.49)^2+(210.66-210.66)^2)$ $^1((-3.11--3.25)^2+(210.72-210.66)^2)$ $^1((-3.00--3.11)^2+(210.77-210.72)^2)$	2.07 2.44 0.24 0.15 0.12	5.02	
BK-4	e1	$^1((-4.16--8.00)^2+(210.85-210.61)^2)$	3.85	3.85	
BK-5	e1	$^1((-5.58--8.00)^2+(210.77-210.61)^2)$	2.43	2.43	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 19		
SCOTICO IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
BK-1 0.00	f1	$^1((-5.75--8.00)^2+(210.46-210.61)^2)$ $^1((-5.64--5.75)^2+(210.45-210.46)^2)$ $^1((-5.44--5.64)^2+(210.43-210.45)^2)$ $^1((-5.20--5.44)^2+(210.43-210.43)^2)$ $^1((-5.11--5.20)^2+(210.43-210.43)^2)$ $^1((-4.44--5.11)^2+(210.49-210.43)^2)$ $^1((-0.60--4.44)^2+(210.38-210.49)^2)$ $^1((1.00--0.60)^2+(210.35-210.38)^2)$	2.25 0.11 0.20 0.24 0.09 0.09 0.67 3.84 1.60	9.00	
BK-2 9.44	f1	$^1((1.05--3.09)^2+(213.13-210.57)^2)$ $^1((2.78-1.05)^2+(214.18-213.13)^2)$ $^1((3.49-2.78)^2+(214.45-214.18)^2)$	4.87 2.02 0.76	7.65	
BK-3 14.52	f1	$^1((-2.70--3.00)^2+(210.89-210.77)^2)$ $^1((0.21--2.70)^2+(212.64-210.89)^2)$ $^1((3.39-0.21)^2+(213.64-212.64)^2)$	0.32 3.40 3.33	7.05	
BK-4 19.60	f1	$^1((-3.73--4.16)^2+(210.88-210.85)^2)$ $^1((1.66--3.73)^2+(211.26-210.88)^2)$ $^1((1.67-1.66)^2+(211.26-211.26)^2)$ $^1((1.68-1.67)^2+(211.26-211.26)^2)$ $^1((1.69-1.68)^2+(211.27-211.26)^2)$ $^1((5.44-1.69)^2+(212.84-211.27)^2)$	0.43 5.40 0.01 0.01 0.01 4.07	9.93	
BK-5 24.65	f1	$^1((-2.32--5.58)^2+(210.98-210.77)^2)$ $^1((0.26--2.32)^2+(211.17-210.98)^2)$ $^1((1.00-0.26)^2+(211.34-211.17)^2)$	3.27 2.59 0.76	6.62	
BK-6 30.12	f1	$^1((-6.17--8.00)^2+(210.68-210.61)^2)$ $^1((-1.32--6.17)^2+(210.78-210.68)^2)$ $^1((-0.91--1.32)^2+(210.82-210.78)^2)$ $^1((0.82--0.91)^2+(210.87-210.82)^2)$ $^1((1.40-0.82)^2+(210.89-210.87)^2)$ $^1((1.47-1.40)^2+(210.89-210.89)^2)$ $^1((2.11-1.47)^2+(210.91-210.89)^2)$ $^1((2.39-2.11)^2+(210.91-210.91)^2)$ $^1((2.94-2.39)^2+(210.93-210.91)^2)$	1.83 4.85 0.41 1.73 0.58 0.07 0.64 0.28 0.55	10.94	
BK-7 36.31	f1	$^1((-7.22--8.00)^2+(210.60-210.61)^2)$ $^1((-6.50--7.22)^2+(210.56-210.60)^2)$ $^1((-6.22--6.50)^2+(210.63-210.56)^2)$ $^1((-3.66--6.22)^2+(210.68-210.63)^2)$ $^1((-1.16--3.66)^2+(210.69-210.68)^2)$ $^1((-0.70--1.16)^2+(210.70-210.69)^2)$ $^1((3.01--0.70)^2+(210.73-210.70)^2)$	0.78 0.72 0.29 2.56 2.50 0.46 3.71	11.02	
BK-8 42.49	f1	$^1((-7.22--8.00)^2+(210.57-210.61)^2)$ $^1((-6.76--7.22)^2+(210.52-210.57)^2)$ $^1((-6.49--6.76)^2+(210.59-210.52)^2)$ $^1((-3.38--6.49)^2+(210.58-210.59)^2)$ $^1((-0.09--3.38)^2+(210.53-210.58)^2)$ $^1((1.00--0.09)^2+(210.51-210.53)^2)$	0.78 0.46 0.28 3.11 3.29 1.09	9.01	
BK-9 50.26	f1	$^1((-5.75--8.00)^2+(210.46-210.61)^2)$ $^1((-5.64--5.75)^2+(210.45-210.46)^2)$ $^1((-5.44--5.64)^2+(210.43-210.45)^2)$ $^1((-5.20--5.44)^2+(210.43-210.43)^2)$ $^1((-5.11--5.20)^2+(210.43-210.43)^2)$ $^1((-4.45--5.11)^2+(210.49-210.43)^2)$ $^1((-0.60--4.45)^2+(210.38-210.49)^2)$ $^1((1.00--0.60)^2+(210.35-210.38)^2)$	2.25 0.11 0.20 0.24 0.09 0.66 3.85 1.60	9.00	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 20		
GEOTESSILE INF.					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
BK-2 9.44	h1	$^1((-6.63--8.00)^2+(209.80-209.81)^2)$ $^1((-5.87--6.63)^2+(209.74-209.80)^2)$ $^1((-3.38--5.87)^2+(209.64-209.74)^2)$ $^1((-3.15--3.38)^2+(209.73-209.64)^2)$ $^1((-3.09--3.15)^2+(209.77-209.73)^2)$	1.37 0.76 2.49 0.25 0.07	4.94	
BK-3 14.52	h1	$^1((-5.93--8.00)^2+(209.88-209.81)^2)$ $^1((-3.49--5.93)^2+(209.86-209.88)^2)$ $^1((-3.25--3.49)^2+(209.86-209.86)^2)$ $^1((-3.11--3.25)^2+(209.92-209.86)^2)$ $^1((-3.00--3.11)^2+(209.97-209.92)^2)$	2.07 2.44 0.24 0.15 0.12	5.02	
BK-4	h1	$^1((-4.16--8.00)^2+(210.05-209.81)^2)$	3.85	3.85	
BK-5	h1	$^1((-5.58--8.00)^2+(209.97-209.81)^2)$	2.43	2.43	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 21		
GEOTESSILE SUP.					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
BK-2 9.44	i1	$^1((-6.63--8.00)^2+(210.20-210.21)^2)$ $^1((-5.87--6.63)^2+(210.14-210.20)^2)$ $^1((-3.38--5.87)^2+(210.04-210.14)^2)$ $^1((-3.15--3.38)^2+(210.13-210.04)^2)$ $^1((-3.09--3.15)^2+(210.17-210.13)^2)$	1.37 0.76 2.49 0.25 0.07	4.94	
BK-3 14.52	i1	$^1((-5.93--8.00)^2+(210.28-210.21)^2)$ $^1((-3.49--5.93)^2+(210.26-210.28)^2)$ $^1((-3.25--3.49)^2+(210.26-210.26)^2)$ $^1((-3.11--3.25)^2+(210.32-210.26)^2)$ $^1((-3.00--3.11)^2+(210.37-210.32)^2)$	2.07 2.44 0.24 0.15 0.12	5.02	
BK-4	i1	$^1((-4.16--8.00)^2+(210.45-210.21)^2)$	3.85	3.85	
BK-5	i1	$^1((-5.58--8.00)^2+(210.37-210.21)^2)$	2.43	2.43	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 22		
GEOTESSILE INF_TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
BK-1 0.00	k1	$^1((-5.75--8.00)^2+(209.66-209.81)^2)$ $^1((-5.64--5.75)^2+(209.65-209.66)^2)$ $^1((-5.44--5.64)^2+(209.63-209.65)^2)$ $^1((-5.20--5.44)^2+(209.63-209.63)^2)$ $^1((-5.11--5.20)^2+(209.63-209.63)^2)$ $^1((-4.44--5.11)^2+(209.69-209.63)^2)$ $^1((-0.60--4.44)^2+(209.58-209.69)^2)$ $^1((1.00--0.60)^2+(209.55-209.58)^2)$	2.25 0.11 0.20 0.24 0.09 0.09 0.67 3.84 1.60		
BK-4 19.60	k1	$^1((-3.73--4.16)^2+(210.08-210.05)^2)$ $^1((1.66--3.73)^2+(210.46-210.08)^2)$ $^1((1.67-1.66)^2+(210.46-210.46)^2)$ $^1((1.68-1.67)^2+(210.46-210.46)^2)$ $^1((1.69-1.68)^2+(210.47-210.46)^2)$ $^1((5.44-1.69)^2+(212.04-210.47)^2)$	0.43 5.40 0.01 0.01 0.01 4.07	9.00	
BK-5 24.65	k1	$^1((-2.32--5.58)^2+(210.18-209.97)^2)$ $^1((0.26--2.32)^2+(210.37-210.18)^2)$ $^1((1.00-0.26)^2+(210.54-210.37)^2)$	3.27 2.59 0.76	9.93	
BK-6 30.12	k1	$^1((-6.17--8.00)^2+(209.88-209.81)^2)$ $^1((-1.32--6.17)^2+(209.98-209.88)^2)$ $^1((-0.91--1.32)^2+(210.02-209.98)^2)$ $^1((0.82--0.91)^2+(210.07-210.02)^2)$ $^1((1.40-0.82)^2+(210.09-210.07)^2)$ $^1((1.47-1.40)^2+(210.09-210.09)^2)$ $^1((2.11-1.47)^2+(210.11-210.09)^2)$ $^1((2.39-2.11)^2+(210.11-210.11)^2)$ $^1((2.94-2.39)^2+(210.13-210.11)^2)$	1.83 4.85 0.41 1.73 0.58 0.07 0.64 0.28 0.55	6.62	
BK-7 36.31	k1	$^1((-7.22--8.00)^2+(209.80-209.81)^2)$ $^1((-6.50--7.22)^2+(209.76-209.80)^2)$ $^1((-6.22--6.50)^2+(209.83-209.76)^2)$ $^1((-3.66--6.22)^2+(209.88-209.83)^2)$ $^1((-1.16--3.66)^2+(209.89-209.88)^2)$ $^1((-0.70--1.16)^2+(209.90-209.89)^2)$ $^1((3.01--0.70)^2+(209.93-209.90)^2)$	0.78 0.72 0.29 2.56 2.50 0.46 3.71	10.94	
BK-8 42.49	k1	$^1((-7.22--8.00)^2+(209.77-209.81)^2)$ $^1((-6.76--7.22)^2+(209.72-209.77)^2)$ $^1((-6.49--6.76)^2+(209.79-209.72)^2)$ $^1((-3.38--6.49)^2+(209.78-209.79)^2)$ $^1((-0.09--3.38)^2+(209.73-209.78)^2)$ $^1((1.00--0.09)^2+(209.71-209.73)^2)$	0.78 0.46 0.28 3.11 3.29 1.09	11.02	
BK-9 50.26	k1	$^1((-5.75--8.00)^2+(209.66-209.81)^2)$ $^1((-5.64--5.75)^2+(209.65-209.66)^2)$ $^1((-5.44--5.64)^2+(209.63-209.65)^2)$ $^1((-5.20--5.44)^2+(209.63-209.63)^2)$ $^1((-5.11--5.20)^2+(209.63-209.63)^2)$ $^1((-4.45--5.11)^2+(209.69-209.63)^2)$ $^1((-0.60--4.45)^2+(209.58-209.69)^2)$ $^1((1.00--0.60)^2+(209.55-209.58)^2)$	2.25 0.11 0.20 0.24 0.09 0.66 3.85 1.60	9.01 9.00	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 23		
GEOTESILE SUP_TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
BK-1 0.00	11	$^1((-5.75--8.00)^2+(210.06-210.21)^2)$ $^1((-5.64--5.75)^2+(210.05-210.06)^2)$ $^1((-5.44--5.64)^2+(210.03-210.05)^2)$ $^1((-5.20--5.44)^2+(210.03-210.03)^2)$ $^1((-5.11--5.20)^2+(210.03-210.03)^2)$ $^1((-4.44--5.11)^2+(210.09-210.03)^2)$ $^1((-0.60--4.44)^2+(209.98-210.09)^2)$ $^1((1.00--0.60)^2+(209.95-209.98)^2)$	2.25 0.11 0.20 0.24 0.09 0.09 0.67 3.84 1.60		
BK-4 19.60	11	$^1((-3.73--4.16)^2+(210.48-210.45)^2)$ $^1((1.66--3.73)^2+(210.86-210.48)^2)$ $^1((1.67-1.66)^2+(210.86-210.86)^2)$ $^1((1.68-1.67)^2+(210.86-210.86)^2)$ $^1((1.69-1.68)^2+(210.87-210.86)^2)$ $^1((5.44-1.69)^2+(212.44-210.87)^2)$	0.43 5.40 0.01 0.01 0.01 4.07	9.00	
BK-5 24.65	11	$^1((-2.32--5.58)^2+(210.58-210.37)^2)$ $^1((0.26--2.32)^2+(210.77-210.58)^2)$ $^1((1.00-0.26)^2+(210.94-210.77)^2)$	3.27 2.59 0.76	6.62	
BK-6 30.12	11	$^1((-6.17--8.00)^2+(210.28-210.21)^2)$ $^1((-1.32--6.17)^2+(210.38-210.28)^2)$ $^1((-0.91--1.32)^2+(210.42-210.38)^2)$ $^1((0.82--0.91)^2+(210.47-210.42)^2)$ $^1((1.40-0.82)^2+(210.49-210.47)^2)$ $^1((1.47-1.40)^2+(210.49-210.49)^2)$ $^1((2.11-1.47)^2+(210.51-210.49)^2)$ $^1((2.39-2.11)^2+(210.51-210.51)^2)$ $^1((2.94-2.39)^2+(210.53-210.51)^2)$	1.83 4.85 0.41 1.73 0.58 0.07 0.64 0.28 0.55	10.94	
BK-7 36.31	11	$^1((-7.22--8.00)^2+(210.20-210.21)^2)$ $^1((-6.50--7.22)^2+(210.16-210.20)^2)$ $^1((-6.22--6.50)^2+(210.23-210.16)^2)$ $^1((-3.66--6.22)^2+(210.28-210.23)^2)$ $^1((-1.16--3.66)^2+(210.29-210.28)^2)$ $^1((-0.70--1.16)^2+(210.30-210.29)^2)$ $^1((3.01--0.70)^2+(210.33-210.30)^2)$	0.78 0.72 0.29 2.56 2.50 0.46 3.71	11.02	
BK-8 42.49	11	$^1((-7.22--8.00)^2+(210.17-210.21)^2)$ $^1((-6.76--7.22)^2+(210.12-210.17)^2)$ $^1((-6.49--6.76)^2+(210.19-210.12)^2)$ $^1((-3.38--6.49)^2+(210.18-210.19)^2)$ $^1((-0.09--3.38)^2+(210.13-210.18)^2)$ $^1((1.00--0.09)^2+(210.11-210.13)^2)$	0.78 0.46 0.28 3.11 3.29 1.09	9.01	
BK-9 50.26	11	$^1((-5.75--8.00)^2+(210.06-210.21)^2)$ $^1((-5.64--5.75)^2+(210.05-210.06)^2)$ $^1((-5.44--5.64)^2+(210.03-210.05)^2)$ $^1((-5.20--5.44)^2+(210.03-210.03)^2)$ $^1((-5.11--5.20)^2+(210.03-210.03)^2)$ $^1((-4.45--5.11)^2+(210.09-210.03)^2)$ $^1((-0.60--4.45)^2+(209.98-210.09)^2)$ $^1((1.00--0.60)^2+(209.95-209.98)^2)$	2.25 0.11 0.20 0.24 0.09 0.66 3.85 1.60	9.00	
Il Direttore dei Lavori		L'Impresa			

BACKTRACK

COMPUTO DEI VOLUMI					Foglio n. 24			
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
BK-1 0.00	BK-2 9.44	BK-1 BK-1 BK-2	A1 A2 A1	0.15 0.27 11.24	9.44 9.44 9.44	4.72 4.72 4.72	0.71 1.27 53.05	55.03
BK-2 9.44	BK-3 14.52	BK-2 BK-3	A1 A1	11.24 8.81	5.08 5.08	2.54 2.54	28.55 22.38	50.93
BK-3 14.52	BK-4 19.60	BK-3 BK-4	A1 A1	8.81 1.41	5.08 5.08	2.54 2.54	22.38 3.58	25.96
BK-4 19.60	BK-5 24.65	BK-4 BK-5	A1 A1	1.41 0.84	5.05 5.05	2.52 2.52	3.55 2.12	5.67
BK-5 24.65	BK-6 30.12	BK-5 BK-6	A1 A1	0.84 0.99	5.47 5.47	2.74 2.74	2.30 2.71	5.01
BK-6 30.12	BK-7 36.31	BK-6 BK-7	A1 A1	0.99 2.02	6.19 6.19	3.10 3.10	3.07 6.26	9.33
BK-7 36.31	BK-8 42.49	BK-7 BK-8	A1 A1	2.02 2.54	6.18 6.18	3.09 3.09	6.24 7.85	14.09
BK-8 42.49	BK-9 50.26	BK-8 BK-9 BK-9	A1 A1 A2	2.54 0.15 0.27	7.77 7.77 7.77	3.88 3.88 3.88	9.86 0.58 1.05	11.49
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			177.51

BACKTRACK

				COMPUTO DEI VOLUMI		Foglio n. 25		
SCAVO PER BONIFICA								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
BK-1	BK-2	BK-2	B1	3.91	9.44	4.72	18.46	18.46
BK-2	BK-3	BK-2	B1	3.91	5.08	2.54	9.93	
9.44	14.52	BK-3	B1	4.01	5.08	2.54	10.19	20.12
BK-3	BK-4	BK-3	B1	4.01	5.08	2.54	10.19	
14.52	19.60	BK-4	B1	3.07	5.08	2.54	7.80	17.99
BK-4	BK-5	BK-4	B1	3.07	5.05	2.52	7.74	
19.60	24.65	BK-5	B1	1.94	5.05	2.52	4.89	12.63
BK-5	BK-6	BK-5	B1	1.94	5.47	2.74	5.32	5.32
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			74.52

BACKTRACK

COMPUTO DEI VOLUMI					Foglio n. 26			
RILEVATO 1								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
BK-1	BK-2	BK-2	C1	0.42	9.44	4.72	1.98	
								1.98
BK-2	BK-3	BK-2	C1	0.42	5.08	2.54	1.07	
9.44	14.52	BK-3	C1	0.79	5.08	2.54	2.01	
								3.08
BK-3	BK-4	BK-3	C1	0.79	5.08	2.54	2.01	
14.52	19.60	BK-4	C1	0.61	5.08	2.54	1.55	
								3.56
BK-4	BK-5	BK-4	C1	0.61	5.05	2.52	1.54	
19.60	24.65	BK-5	C1	0.25	5.05	2.52	0.63	
								2.17
BK-5	BK-6	BK-5	C1	0.25	5.47	2.74	0.69	
								0.69
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			11.48

BACKTRACK

COMPUTO DEI VOLUMI					Foglio n. 27			
RILEVATO 2								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
BK-1	BK-2	BK-2	D1	1.96	9.44	4.72	9.25	9.25
BK-2	BK-3	BK-2	D1	1.96	5.08	2.54	4.98	9.25
9.44	14.52	BK-3	D1	2.00	5.08	2.54	5.08	10.06
BK-3	BK-4	BK-3	D1	2.00	5.08	2.54	5.08	8.97
14.52	19.60	BK-4	D1	1.53	5.08	2.54	3.89	8.97
BK-4	BK-5	BK-4	D1	1.53	5.05	2.52	3.86	6.30
19.60	24.65	BK-5	D1	0.97	5.05	2.52	2.44	6.30
BK-5	BK-6	BK-5	D1	0.97	5.47	2.74	2.66	2.66
								2.66
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			37.24

BACKTRACK

COMPUTO DEI VOLUMI					Foglio n. 28			
MATERIALE ANTICAPILLARE								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
BK-1	BK-2	BK-2	E1	1.95	9.44	4.72	9.20	
								9.20
BK-2	BK-3	BK-2	E1	1.95	5.08	2.54	4.95	
9.44	14.52	BK-3	E1	2.01	5.08	2.54	5.11	
								10.06
BK-3	BK-4	BK-3	E1	2.01	5.08	2.54	5.11	
14.52	19.60	BK-4	E1	1.54	5.08	2.54	3.91	
								9.02
BK-4	BK-5	BK-4	E1	1.54	5.05	2.52	3.88	
19.60	24.65	BK-5	E1	0.97	5.05	2.52	2.44	
								6.32
BK-5	BK-6	BK-5	E1	0.97	5.47	2.74	2.66	
								2.66
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			37.26

		COMPUTO DEI VOLUMI			Foglio n. 29			
FONDAZIONE IN MISTO GRANULARE								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
BK-1 0.00	BK-2 9.44	BK-1 BK-2	F1 F1	2.70 2.84	9.44 9.44	4.72 4.72	12.74 13.40	26.14
BK-2 9.44	BK-3 14.52	BK-2 BK-3 BK-3	F1 F1 F2	2.84 2.64 0.14	5.08 5.08 5.08	2.54 2.54 2.54	7.21 6.71 0.36	
BK-3 14.52	BK-4 19.60	BK-3 BK-3 BK-4 BK-4	F1 F2 F1 F2	2.64 0.14 2.65 0.14	5.08 5.08 5.08 5.08	2.54 2.54 2.54 2.54	6.71 0.36 6.73 0.36	14.28
BK-4 19.60	BK-5 24.65	BK-4 BK-4 BK-5	F1 F2 F1	2.65 0.14 2.70	5.05 5.05 5.05	2.52 2.52 2.52	6.68 0.35 6.80	14.16
BK-5 24.65	BK-6 30.12	BK-5 BK-6 BK-6	F1 F1 F2	2.70 2.65 0.13	5.47 5.47 5.47	2.74 2.74 2.74	7.40 7.26 0.36	13.83
BK-6 30.12	BK-7 36.31	BK-6 BK-6 BK-7 BK-7	F1 F2 F1 F2	2.65 0.13 2.65 0.13	6.19 6.19 6.19 6.19	3.10 3.10 3.10 3.10	8.21 0.40 8.21 0.40	15.02
BK-7 36.31	BK-8 42.49	BK-7 BK-7 BK-8	F1 F2 F1	2.65 0.13 2.70	6.18 6.18 6.18	3.09 3.09 3.09	8.19 0.40 8.34	17.22
BK-8 42.49	BK-9 50.26	BK-8 BK-9	F1 F1	2.70 2.70	7.77 7.77	3.88 3.88	10.48 10.48	16.93
								20.96
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			138.54

				COMPUTO DEI VOLUMI		Foglio n. 30		
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
BK-1	BK-2	BK-2	I1	1.20	9.44	4.72	5.66	
								5.66
BK-2	BK-3	BK-2	I1	1.20	5.08	2.54	3.05	
9.44	14.52	BK-3	I1	0.92	5.08	2.54	2.34	
								5.39
BK-3	BK-4	BK-3	I1	0.92	5.08	2.54	2.34	
14.52	19.60	BK-4	I1	0.82	5.08	2.54	2.08	
								4.42
BK-4	BK-5	BK-4	I1	0.82	5.05	2.52	2.07	
								2.07
BK-5	BK-6	BK-6	I1	0.20	5.47	2.74	0.55	
								0.55
BK-6	BK-7	BK-6	I1	0.20	6.19	3.10	0.62	
30.12	36.31	BK-7	I1	0.19	6.19	3.10	0.59	
								1.21
BK-7	BK-8	BK-7	I1	0.19	6.18	3.09	0.59	
								0.59
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			19.89

BACKTRACK

		COMPUTO DEI VOLUMI			Foglio n. 31			
SCAVO PER BONIFICA 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
BK-1	BK-2	BK-1	P1	6.78	9.44	4.72	32.00	
BK-3	BK-4	BK-4	P1	6.57	5.08	2.54	16.69	32.00
BK-4	BK-5	BK-4	P1	6.57	5.05	2.52	16.56	16.69
19.60	24.65	BK-5	P1	4.67	5.05	2.52	11.77	28.33
BK-5	BK-6	BK-5	P1	4.67	5.47	2.74	12.80	
24.65	30.12	BK-6	P1	8.14	5.47	2.74	22.30	35.10
BK-6	BK-7	BK-6	P1	8.14	6.19	3.10	25.23	
30.12	36.31	BK-7	P1	6.59	6.19	3.10	20.43	45.66
BK-7	BK-8	BK-7	P1	6.59	6.18	3.09	20.36	
36.31	42.49	BK-8	P1	4.68	6.18	3.09	14.46	34.82
BK-8	BK-9	BK-8	P1	4.68	7.77	3.88	18.16	
42.49	50.26	BK-9	P1	6.78	7.77	3.88	26.31	44.47
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			237.07

BACKTRACK

COMPUTO DEI VOLUMI					Foglio n. 32			
ANTICIPILLARE 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
BK-1	BK-2	BK-1	Q1	3.60	9.44	4.72	16.99	16.99
BK-3	BK-4	BK-4	Q1	3.85	5.08	2.54	9.78	9.78
BK-4	BK-5	BK-4	Q1	3.85	5.05	2.52	9.70	16.33
19.60	24.65	BK-5	Q1	2.63	5.05	2.52	6.63	16.33
BK-5	BK-6	BK-5	Q1	2.63	5.47	2.74	7.21	19.16
24.65	30.12	BK-6	Q1	4.36	5.47	2.74	11.95	19.16
BK-6	BK-7	BK-6	Q1	4.36	6.19	3.10	13.52	27.19
30.12	36.31	BK-7	Q1	4.41	6.19	3.10	13.67	27.19
BK-7	BK-8	BK-7	Q1	4.41	6.18	3.09	13.63	24.82
36.31	42.49	BK-8	Q1	3.62	6.18	3.09	11.19	24.82
BK-8	BK-9	BK-8	Q1	3.62	7.77	3.88	14.05	28.02
42.49	50.26	BK-9	Q1	3.60	7.77	3.88	13.97	28.02
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			142.29

		COMPUTO DEI VOLUMI			Foglio n. 33			
RILEVATO 3								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
BK-1	BK-2	BK-1	T1	3.18	9.44	4.72	15.01	15.01
BK-3	BK-4	BK-4	T1	1.99	5.08	2.54	5.05	6.90
14.52	19.60	BK-4	T2	0.73	5.08	2.54	1.85	
BK-4	BK-5	BK-4	T1	1.99	5.05	2.52	5.01	12.02
19.60	24.65	BK-4	T2	0.73	5.05	2.52	1.84	
		BK-5	T1	2.05	5.05	2.52	5.17	
BK-5	BK-6	BK-5	T1	2.05	5.47	2.74	5.62	15.98
24.65	30.12	BK-6	T1	3.78	5.47	2.74	10.36	
BK-6	BK-7	BK-6	T1	3.78	6.19	3.10	11.72	18.51
30.12	36.31	BK-7	T1	1.87	6.19	3.10	5.80	
		BK-7	T2	0.32	6.19	3.10	0.99	
BK-7	BK-8	BK-7	T1	1.87	6.18	3.09	5.78	9.37
36.31	42.49	BK-7	T2	0.32	6.18	3.09	0.99	
		BK-8	T1	0.84	6.18	3.09	2.60	
BK-8	BK-9	BK-8	T1	0.84	7.77	3.88	3.26	15.60
42.49	50.26	BK-9	T1	3.18	7.77	3.88	12.34	
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			93.39

BACKTRACK

COMPUTO DI SUPERFICI					Foglio n. 34			
CONGL. BIT. (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
BK-1 0.00	BK-2 9.44	BK-1 BK-2	a1 a1	9.00 9.00	9.44 9.44	4.72 4.72	42.48 42.48	84.96
BK-2 9.44	BK-3 14.52	BK-2 BK-3	a1 a1	9.00 9.00	5.08 5.08	2.54 2.54	22.86 22.86	45.72
BK-3 14.52	BK-4 19.60	BK-3 BK-4	a1 a1	9.00 9.00	5.08 5.08	2.54 2.54	22.86 22.86	45.72
BK-4 19.60	BK-5 24.65	BK-4 BK-5	a1 a1	9.00 9.00	5.05 5.05	2.52 2.52	22.68 22.68	45.36
BK-5 24.65	BK-6 30.12	BK-5 BK-6	a1 a1	9.00 9.00	5.47 5.47	2.74 2.74	24.66 24.66	49.32
BK-6 30.12	BK-7 36.31	BK-6 BK-7	a1 a1	9.00 9.00	6.19 6.19	3.10 3.10	27.90 27.90	55.80
BK-7 36.31	BK-8 42.49	BK-7 BK-8	a1 a1	9.00 9.00	6.18 6.18	3.09 3.09	27.81 27.81	55.62
BK-8 42.49	BK-9 50.26	BK-8 BK-9	a1 a1	9.00 9.00	7.77 7.77	3.88 3.88	34.92 34.92	69.84
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			452.34

BACKTRACK

COMPUTO DI SUPERFICI					Foglio n. 35			
TAPPETO DI 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
BK-1 0.00	BK-2 9.44	BK-1 BK-2	b1 b1	9.00 9.00	9.44 9.44	4.72 4.72	42.48 42.48	84.96
BK-2 9.44	BK-3 14.52	BK-2 BK-3	b1 b1	9.00 9.00	5.08 5.08	2.54 2.54	22.86 22.86	45.72
BK-3 14.52	BK-4 19.60	BK-3 BK-4	b1 b1	9.00 9.00	5.08 5.08	2.54 2.54	22.86 22.86	45.72
BK-4 19.60	BK-5 24.65	BK-4 BK-5	b1 b1	9.00 9.00	5.05 5.05	2.52 2.52	22.68 22.68	45.36
BK-5 24.65	BK-6 30.12	BK-5 BK-6	b1 b1	9.00 9.00	5.47 5.47	2.74 2.74	24.66 24.66	49.32
BK-6 30.12	BK-7 36.31	BK-6 BK-7	b1 b1	9.00 9.00	6.19 6.19	3.10 3.10	27.90 27.90	55.80
BK-7 36.31	BK-8 42.49	BK-7 BK-8	b1 b1	9.00 9.00	6.18 6.18	3.09 3.09	27.81 27.81	55.62
BK-8 42.49	BK-9 50.26	BK-8 BK-9	b1 b1	9.00 9.00	7.77 7.77	3.88 3.88	34.92 34.92	69.84
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			452.34

BACKTRACK

COMPUTO DI SUPERFICI					Foglio n. 36			
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
BK-1	BK-2	BK-2	e1	4.94	9.44	4.72	23.32	23.32
BK-2	BK-3	BK-2	e1	4.94	5.08	2.54	12.55	
9.44	14.52	BK-3	e1	5.02	5.08	2.54	12.75	25.30
BK-3	BK-4	BK-3	e1	5.02	5.08	2.54	12.75	
14.52	19.60	BK-4	e1	3.85	5.08	2.54	9.78	22.53
BK-4	BK-5	BK-4	e1	3.85	5.05	2.52	9.70	
19.60	24.65	BK-5	e1	2.43	5.05	2.52	6.12	15.82
BK-5	BK-6	BK-5	e1	2.43	5.47	2.74	6.66	6.66
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			93.63

COMPUTO DI SUPERFICI					Foglio n. 37			
SCOTICO IN 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
BK-1 0.00	BK-2 9.44	BK-1 BK-2	f1 f1	9.00 7.65	9.44 9.44	4.72 4.72	42.48 36.11	78.59
BK-2 9.44	BK-3 14.52	BK-2 BK-3	f1 f1	7.65 7.05	5.08 5.08	2.54 2.54	19.43 17.91	37.34
BK-3 14.52	BK-4 19.60	BK-3 BK-4	f1 f1	7.05 9.93	5.08 5.08	2.54 2.54	17.91 25.22	43.13
BK-4 19.60	BK-5 24.65	BK-4 BK-5	f1 f1	9.93 6.62	5.05 5.05	2.52 2.52	25.02 16.68	41.70
BK-5 24.65	BK-6 30.12	BK-5 BK-6	f1 f1	6.62 10.94	5.47 5.47	2.74 2.74	18.14 29.98	48.12
BK-6 30.12	BK-7 36.31	BK-6 BK-7	f1 f1	10.94 11.02	6.19 6.19	3.10 3.10	33.91 34.16	68.07
BK-7 36.31	BK-8 42.49	BK-7 BK-8	f1 f1	11.02 9.01	6.18 6.18	3.09 3.09	34.05 27.84	61.89
BK-8 42.49	BK-9 50.26	BK-8 BK-9	f1 f1	9.01 9.00	7.77 7.77	3.88 3.88	34.96 34.92	69.88
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			448.72

COMPUTO DI SUPERFICI					Foglio n. 38			
GEOTESSILE INF.								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI ml	DISTANZA DI CALCOLO ml	AREA PARZIALE mq	AREA TOTALE mq
BK-1	BK-2	BK-2	h1	4.94	9.44	4.72	23.32	23.32
BK-2	BK-3	BK-2	h1	4.94	5.08	2.54	12.55	
9.44	14.52	BK-3	h1	5.02	5.08	2.54	12.75	25.30
BK-3	BK-4	BK-3	h1	5.02	5.08	2.54	12.75	
14.52	19.60	BK-4	h1	3.85	5.08	2.54	9.78	22.53
BK-4	BK-5	BK-4	h1	3.85	5.05	2.52	9.70	
19.60	24.65	BK-5	h1	2.43	5.05	2.52	6.12	15.82
BK-5	BK-6	BK-5	h1	2.43	5.47	2.74	6.66	6.66
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			93.63

BACKTRACK

COMPUTO DI SUPERFICI					Foglio n. 39			
GEOTESSILE SUP.								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	LUNGHEZZA	DISTANZA SEZIONI ml	DISTANZA DI CALCOLO ml	AREA PARZIALE mq	AREA TOTALE mq
BK-1	BK-2	BK-2	i1	4.94	9.44	4.72	23.32	23.32
BK-2	BK-3	BK-2	i1	4.94	5.08	2.54	12.55	25.30
9.44	14.52	BK-3	i1	5.02	5.08	2.54	12.75	
BK-3	BK-4	BK-3	i1	5.02	5.08	2.54	12.75	22.53
14.52	19.60	BK-4	i1	3.85	5.08	2.54	9.78	
BK-4	BK-5	BK-4	i1	3.85	5.05	2.52	9.70	15.82
19.60	24.65	BK-5	i1	2.43	5.05	2.52	6.12	
BK-5	BK-6	BK-5	i1	2.43	5.47	2.74	6.66	6.66
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			93.63

BACKTRACK

COMPUTO DI SUPERFICI					Foglio n. 40			
GEOTESSILE INF_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
BK-1	BK-2	BK-1	k1	9.00	9.44	4.72	42.48	
BK-3	BK-4	BK-4	k1	9.93	5.08	2.54	25.22	42.48
BK-4	BK-5	BK-4	k1	9.93	5.05	2.52	25.02	25.22
19.60	24.65	BK-5	k1	6.62	5.05	2.52	16.68	
BK-5	BK-6	BK-5	k1	6.62	5.47	2.74	18.14	41.70
24.65	30.12	BK-6	k1	10.94	5.47	2.74	29.98	
BK-6	BK-7	BK-6	k1	10.94	6.19	3.10	33.91	48.12
30.12	36.31	BK-7	k1	11.02	6.19	3.10	34.16	
BK-7	BK-8	BK-7	k1	11.02	6.18	3.09	34.05	68.07
36.31	42.49	BK-8	k1	9.01	6.18	3.09	27.84	
BK-8	BK-9	BK-8	k1	9.01	7.77	3.88	34.96	61.89
42.49	50.26	BK-9	k1	9.00	7.77	3.88	34.92	
								69.88
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			357.36

BACKTRACK

COMPUTO DI SUPERFICI					Foglio n. 41			
GEOTESSILE SUP_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
BK-1	BK-2	BK-1	11	9.00	9.44	4.72	42.48	
BK-3	BK-4	BK-4	11	9.93	5.08	2.54	25.22	42.48
BK-4	BK-5	BK-4	11	9.93	5.05	2.52	25.02	25.22
19.60	24.65	BK-5	11	6.62	5.05	2.52	16.68	
BK-5	BK-6	BK-5	11	6.62	5.47	2.74	18.14	41.70
24.65	30.12	BK-6	11	10.94	5.47	2.74	29.98	
BK-6	BK-7	BK-6	11	10.94	6.19	3.10	33.91	48.12
30.12	36.31	BK-7	11	11.02	6.19	3.10	34.16	
BK-7	BK-8	BK-7	11	11.02	6.18	3.09	34.05	68.07
36.31	42.49	BK-8	11	9.01	6.18	3.09	27.84	
BK-8	BK-9	BK-8	11	9.01	7.77	3.88	34.96	61.89
42.49	50.26	BK-9	11	9.00	7.77	3.88	34.92	
								69.88
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			357.36

BACKTRACK

COMPUTO DEI VOLUMI		Foglio n. 42	
Volume dalla sezione BK-1 alla sezione BK-9			
ARTICOLO			VOLUME
SCAVO		mc	177.51
SCAVO PER BONIFICA		mc	74.52
RILEVATO 1		mc	11.48
RILEVATO 2		mc	37.24
MATERIALE ANTICAPILLARE		mc	37.26
FONDAZIONE IN MISTO GRANULARE		mc	138.54
TERRENO VEGETALE		mc	19.89
SCAVO PER BONIFICA IN TRINCEA		mc	237.07
ANTICAPILLARE TRINCEA		mc	142.29
RILEVATO 3		mc	93.39
CONGL. BIT. (Binder)		mq	452.34
TAPPETO DI USURA		mq	452.34
PREPARAZIONE PIANO DI POSA		mq	93.63
SCOTICO IN TRINCEA		mq	448.72
GEOTESSILE INF.		mq	93.63
GEOTESSILE SUP.		mq	93.63
GEOTESSILE INF_TRINCEA		mq	357.36
GEOTESSILE SUP_TRINCEA		mq	357.36

		CALCOLO DELLE AREE	Foglio n. 1		
SCAVO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R1-BK-1 0.00	A1	$(-3.17--3.25) \times (209.41+209.35) / 2$ $(-1.03--3.17) \times (209.32+209.41) / 2$ $(3.25--1.03) \times (209.19+209.32) / 2$ $(0.00-3.25) \times (208.99+208.87) / 2$ $(-3.25-0.00) \times (209.11+208.99) / 2$	16.75 448.04 895.61 -679.02 -679.41		
R1-BK-2 13.52	A1	$(-4.02--4.08) \times (209.34+209.21) / 2$ $(-3.70--4.02) \times (209.48+209.34) / 2$ $(-3.31--3.70) \times (209.47+209.48) / 2$ $(-2.25--3.31) \times (209.47+209.47) / 2$ $(-1.17--2.25) \times (209.42+209.47) / 2$ $(-0.78--1.17) \times (209.41+209.42) / 2$ $(-0.55--0.78) \times (209.41+209.41) / 2$ $(-0.52--0.55) \times (209.41+209.41) / 2$ $(-0.46--0.52) \times (209.41+209.41) / 2$ $(0.06--0.46) \times (209.40+209.41) / 2$ $(0.68-0.06) \times (209.38+209.40) / 2$ $(3.53-0.68) \times (209.32+209.38) / 2$ $(3.94-3.53) \times (209.48+209.32) / 2$ $(4.64-3.94) \times (209.76+209.48) / 2$ $(5.96-4.64) \times (210.37+209.76) / 2$ $(6.80-5.96) \times (210.55+210.37) / 2$ $(7.15-6.80) \times (210.63+210.55) / 2$ $(5.30-7.15) \times (209.40+210.63) / 2$ $(4.74-5.30) \times (209.40+209.40) / 2$ $(3.39-4.74) \times (208.99+208.99) / 2$ $(0.00-3.39) \times (209.09+208.99) / 2$ $(-3.39-0.00) \times (209.19+209.09) / 2$ $(-4.08--3.39) \times (209.21+209.19) / 2$	12.56 67.01 81.70 222.04 226.20 81.67 48.16 6.28 12.56 108.89 129.82 596.65 85.85 146.73 277.29 176.79 73.71 -388.53 -117.26 -282.14 -708.65 -708.98 -144.35	1.97	
R1-BK-3 27.04	A1	$(-4.89--4.99) \times (209.46+209.39) / 2$ $(-4.78--4.89) \times (209.57+209.46) / 2$ $(-4.75--4.78) \times (209.57+209.57) / 2$ $(-4.74--4.75) \times (209.57+209.57) / 2$ $(-4.02--4.74) \times (209.58+209.57) / 2$ $(-3.52--4.02) \times (209.58+209.58) / 2$ $(-1.44--3.52) \times (209.60+209.58) / 2$ $(-0.62--1.44) \times (209.60+209.60) / 2$ $(2.66--0.62) \times (209.43+209.60) / 2$ $(2.67-2.66) \times (209.43+209.43) / 2$ $(2.96-2.67) \times (209.42+209.43) / 2$ $(4.76-2.96) \times (210.10+209.42) / 2$ $(4.93-4.76) \times (210.11+210.10) / 2$ $(5.43-4.93) \times (210.35+210.11) / 2$ $(6.96-5.43) \times (210.81+210.35) / 2$ $(7.61-6.96) \times (210.90+210.81) / 2$ $(5.66-7.61) \times (209.59+210.90) / 2$ $(5.10-5.66) \times (209.59+209.59) / 2$ $(3.75-5.10) \times (209.18+209.18) / 2$ $(0.00-3.75) \times (209.28+209.18) / 2$ $(-3.75-0.00) \times (209.36+209.28) / 2$ $(-4.54--3.75) \times (209.38+209.36) / 2$ $(-4.99--4.54) \times (209.39+209.38) / 2$	20.94 23.05 6.29 2.10 150.89 104.79 435.95 171.87 687.21 2.09 60.73 377.57 35.72 105.12 322.19 137.06 -409.98 -117.37 -282.39 -784.61 -784.95 -165.40 -94.22	4.00	
R1-BK-4 40.57	A1	$(1.58--4.11) \times (209.72+209.75) / 2$ $(2.37-1.58) \times (209.68+209.72) / 2$ $(2.99-2.37) \times (209.94+209.68) / 2$ $(3.84-2.99) \times (210.31+209.94) / 2$ $(4.00-3.84) \times (210.30+210.31) / 2$ $(5.63-4.00) \times (210.92+210.30) / 2$ $(6.36-5.63) \times (211.19+210.92) / 2$ $(6.23-6.36) \times (209.91+211.19) / 2$ $(5.46-6.23) \times (209.91+209.91) / 2$ $(4.11-5.46) \times (209.50+209.50) / 2$ $(0.00-4.11) \times (209.61+209.50) / 2$ $(-4.11-0.00) \times (209.60+209.61) / 2$	1193.39 165.66 130.08 178.61 33.65 343.29 154.07 -27.37 -161.63 -282.82 -861.27 -861.48	4.65	
R1-BK-5 54.09	A1	$(-2.85--4.25) \times (210.06+210.08) / 2$ $(0.13--2.85) \times (210.03+210.06) / 2$ $(0.22-0.13) \times (210.02+210.03) / 2$	294.10 625.93 18.90	4.18	
A RIPORTARE mq			938.93		

		CALCOLO DELLE AREE	Foglio n. 2				
SCAVO							
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE		
RIPORTO mq			938.93				
R1-BK-6 61.39	A1	(1.92-0.22) x (209.97+210.02) / 2	356.99				
		(2.00-1.92) x (209.97+209.97) / 2	16.80				
		(2.06-2.00) x (209.97+209.97) / 2	12.60				
		(2.14-2.06) x (209.92+209.97) / 2	16.80				
		(3.17-2.14) x (210.31+209.92) / 2	216.42				
		(3.32-3.17) x (210.36+210.31) / 2	31.55				
		(4.54-3.32) x (211.00+210.36) / 2	257.03				
		(6.55-4.54) x (211.96+211.00) / 2	425.07				
		(6.37-6.55) x (210.25+211.96) / 2	-38.00				
		(5.60-6.37) x (210.25+210.25) / 2	-161.89				
		(4.25-5.60) x (209.84+209.84) / 2	-283.28				
		(0.00-4.25) x (209.94+209.84) / 2	-892.03				
		(-4.25-0.00) x (209.84+209.94) / 2	-892.03				
R1-BK-6 61.39	A2	(-4.35--4.37) x (210.24+210.24) / 2	4.20	4.96			
		(1.68--4.35) x (210.15+210.24) / 2	1267.48				
		(1.85-1.68) x (210.14+210.15) / 2	35.72				
		(2.17-1.85) x (210.13+210.14) / 2	67.24				
		(2.20-2.17) x (210.13+210.13) / 2	6.30				
		(2.30-2.20) x (210.07+210.13) / 2	21.01				
		(0.00-2.30) x (210.13+210.07) / 2	-483.23				
		(-4.37-0.00) x (210.02+210.13) / 2	-918.03				
		R1-BK-6 61.39	A2	(4.51-2.46) x (210.81+210.07) / 2	431.40	0.69	
				(4.55-4.51) x (210.83+210.81) / 2	8.43		
(4.90-4.55) x (211.01+210.83) / 2	73.82						
(6.89-4.90) x (211.93+211.01) / 2	420.83						
(6.73-6.89) x (210.42+211.93) / 2	-33.79						
(5.97-6.73) x (210.42+210.42) / 2	-159.92						
(4.62-5.97) x (210.01+210.01) / 2	-283.51						
(2.46-4.62) x (210.07+210.01) / 2	-453.69						
R1-BK-7 68.70	A1	(-2.87--4.98) x (210.43+210.45) / 2	444.03	3.57			
		(1.84--2.87) x (210.31+210.43) / 2	990.84				
		(2.74-1.84) x (210.29+210.31) / 2	189.27				
		(2.80-2.74) x (210.28+210.29) / 2	12.62				
		(3.56-2.80) x (210.25+210.28) / 2	159.80				
		(3.92-3.56) x (210.21+210.25) / 2	75.68				
		(0.00-3.92) x (210.31+210.21) / 2	-824.22				
		(-4.98-0.00) x (210.19+210.31) / 2	-1047.05				
R1-BK-7 68.70	A2	(6.17-4.60) x (210.76+210.20) / 2	330.45	0.97			
		(9.12-6.17) x (213.01+210.76) / 2	625.06				
		(9.67-9.12) x (213.09+213.01) / 2	117.18				
		(9.40-9.67) x (210.54+213.09) / 2	-57.19				
		(8.64-9.40) x (210.54+210.54) / 2	-160.01				
		(7.29-8.64) x (210.13+210.13) / 2	-283.68				
		(4.60-7.29) x (210.20+210.13) / 2	-565.34	6.47			
Il Direttore dei Lavori		L'Impresa					

		CALCOLO DELLE AREE		Foglio n. 3	
FONDAZIONE IN MISTO GRANULARE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R1-BK-1 0.00	F1	$(0.00--3.25) \times (209.29+209.41) / 2$ $(3.25-0.00) \times (209.17+209.29) / 2$ $(0.00-3.25) \times (208.99+208.87) / 2$ $(-3.25-0.00) \times (209.11+208.99) / 2$	680.39 680.00 -679.02 -679.41		
R1-BK-2 13.52	F1	$(-3.89--4.18) \times (209.51+209.22) / 2$ $(-3.59--3.89) \times (209.50+209.51) / 2$ $(-3.39--3.59) \times (209.49+209.50) / 2$ $(0.00--3.39) \times (209.39+209.49) / 2$ $(3.39-0.00) \times (209.29+209.39) / 2$ $(4.74-3.39) \times (209.09+209.09) / 2$ $(3.39-4.74) \times (208.99+208.99) / 2$ $(0.00-3.39) \times (209.09+208.99) / 2$ $(-3.39-0.00) \times (209.19+209.09) / 2$ $(-4.18--3.39) \times (209.22+209.19) / 2$	60.72 62.85 41.90 710.00 709.66 282.27 -282.14 -708.65 -708.98 -165.27	1.96	
R1-BK-3 27.04	F1	$(-4.25--4.54) \times (209.67+209.38) / 2$ $(-3.95--4.25) \times (209.67+209.67) / 2$ $(-3.75--3.95) \times (209.66+209.67) / 2$ $(0.00--3.75) \times (209.58+209.66) / 2$ $(3.75-0.00) \times (209.48+209.58) / 2$ $(0.00-3.75) \times (209.28+209.28) / 2$ $(-3.75-0.00) \times (209.36+209.28) / 2$ $(-4.54--3.75) \times (209.38+209.36) / 2$	60.76 62.90 41.93 786.08 785.74 -784.80 -784.95 -165.40	2.36	
R1-BK-3 27.04	F2	$(5.10-3.75) \times (209.28+209.28) / 2$ $(3.75-5.10) \times (209.18+209.18) / 2$	282.53 -282.39	2.26	
R1-BK-4 40.57	F1	$(0.00--4.11) \times (209.91+209.90) / 2$ $(4.11-0.00) \times (209.80+209.91) / 2$ $(5.46-4.11) \times (209.60+209.60) / 2$ $(4.11-5.46) \times (209.50+209.50) / 2$ $(0.00-4.11) \times (209.61+209.50) / 2$ $(-4.11-0.00) \times (209.60+209.61) / 2$	862.71 862.50 282.96 -282.82 -861.27 -861.48	0.14	
R1-BK-5 54.09	F1	$(0.00--4.25) \times (210.24+210.14) / 2$ $(4.25-0.00) \times (210.14+210.24) / 2$ $(0.00-4.25) \times (209.94+209.94) / 2$ $(-4.25-0.00) \times (209.84+209.94) / 2$	893.31 893.31 -892.25 -892.03	2.60	
R1-BK-5 54.09	F2	$(5.60-4.25) \times (209.94+209.94) / 2$ $(4.25-5.60) \times (209.84+209.84) / 2$	283.42 -283.28	2.34	
R1-BK-6 61.39	F1	$(0.00--4.37) \times (210.43+210.32) / 2$ $(4.62-0.00) \times (210.31+210.43) / 2$ $(5.97-4.62) \times (210.11+210.11) / 2$ $(4.62-5.97) \times (210.01+210.01) / 2$ $(0.00-4.62) \times (210.13+210.01) / 2$ $(-4.37-0.00) \times (210.02+210.13) / 2$	919.34 971.91 283.65 -283.51 -970.52 -918.03	0.14	
R1-BK-7 68.70	F1	$(0.00--4.98) \times (210.61+210.49) / 2$ $(7.29-0.00) \times (210.43+210.61) / 2$ $(0.00-7.29) \times (210.31+210.23) / 2$ $(-4.98-0.00) \times (210.19+210.31) / 2$	1048.54 1534.69 -1532.87 -1047.05	2.84	
R1-BK-7 68.70	F2	$(8.64-7.29) \times (210.23+210.23) / 2$ $(7.29-8.64) \times (210.13+210.13) / 2$	283.81 -283.68	3.31	
				0.13	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE		Foglio n. 4	
TERRENO VEGETALE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R1-BK-2 13.52	I1	$(-4.22--5.83) \times (209.67+208.60) / 2$ $(-3.54--4.22) \times (209.69+209.67) / 2$ $(-4.64--3.54) \times (209.75+209.79) / 2$ $(-5.83--4.64) \times (208.96+209.75) / 2$	336.71 142.58 -230.75 -249.13	0.59	
R1-BK-2 13.52	I2	$(6.78-7.62) \times (210.74+210.94) / 2$ $(5.24-6.78) \times (209.72+210.74) / 2$ $(4.74-5.24) \times (209.70+209.72) / 2$ $(5.30-4.74) \times (209.40+209.40) / 2$ $(7.62-5.30) \times (210.94+209.40) / 2$	-177.11 -323.75 -104.85 117.26 487.59	0.86	
R1-BK-3 27.04	I1	$(-4.58--7.43) \times (209.84+207.94) / 2$ $(-3.90--4.58) \times (209.86+209.84) / 2$ $(-5.00--3.90) \times (209.92+209.96) / 2$ $(-7.43--5.00) \times (208.30+209.92) / 2$	595.34 142.70 -230.93 -508.14	1.03	
R1-BK-3 27.04	I2	$(7.68-8.07) \times (211.11+211.20) / 2$ $(7.31-7.68) \times (211.05+211.11) / 2$ $(5.60-7.31) \times (209.91+211.05) / 2$ $(5.10-5.60) \times (209.89+209.91) / 2$ $(5.66-5.10) \times (209.59+209.59) / 2$ $(8.07-5.66) \times (211.20+209.59) / 2$	-82.35 -78.10 -359.92 -104.95 117.37 507.05	0.90	
R1-BK-4 40.57	I1	$(6.07-6.38) \times (211.28+211.40) / 2$ $(5.96-6.07) \times (210.23+211.28) / 2$ $(5.46-5.96) \times (210.21+210.23) / 2$ $(6.23-5.46) \times (209.91+209.91) / 2$ $(6.38-6.23) \times (211.40+209.91) / 2$	-65.52 -23.18 -105.11 161.63 31.60	0.58	
R1-BK-5 54.09	I1	$(6.25-6.57) \times (212.02+212.17) / 2$ $(6.10-6.25) \times (210.57+212.02) / 2$ $(5.60-6.10) \times (210.55+210.57) / 2$ $(6.37-5.60) \times (210.25+210.25) / 2$ $(6.57-6.37) \times (212.17+210.25) / 2$	-67.87 -31.69 -105.28 161.89 42.24	0.71	
R1-BK-6 61.39	I1	$(6.60-6.91) \times (212.00+212.15) / 2$ $(6.47-6.60) \times (210.74+212.00) / 2$ $(5.97-6.47) \times (210.72+210.74) / 2$ $(6.73-5.97) \times (210.42+210.42) / 2$ $(6.91-6.73) \times (212.15+210.42) / 2$	-65.74 -27.48 -105.37 159.92 38.03	0.64	
R1-BK-7 68.70	I1	$(9.39-9.69) \times (213.25+213.29) / 2$ $(9.14-9.39) \times (210.86+213.25) / 2$ $(8.64-9.14) \times (210.84+210.86) / 2$ $(9.40-8.64) \times (210.54+210.54) / 2$ $(9.69-9.40) \times (213.29+210.54) / 2$	-63.98 -53.01 -105.43 160.01 61.46	0.95	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE		Foglio n. 5	
MISTO GRANULARE COMPATTATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R1-BK-2 13.52	L1	$(-4.18--4.87) \times (209.22+209.24) / 2$ $(-3.89--4.18) \times (209.51+209.22) / 2$ $(-3.59--3.89) \times (209.50+209.51) / 2$ $(-3.54--3.59) \times (209.54+209.54) / 2$ $(-4.22--3.54) \times (209.67+209.69) / 2$ $(-4.87--4.22) \times (209.24+209.67) / 2$	144.37 60.72 62.85 10.48 -142.58 -136.15	0.31	
R1-BK-3 27.04	L1	$(-4.54--5.24) \times (209.38+209.40) / 2$ $(-4.25--4.54) \times (209.67+209.38) / 2$ $(-3.95--4.25) \times (209.67+209.67) / 2$ $(-3.90--3.95) \times (209.71+209.71) / 2$ $(-4.58--3.90) \times (209.84+209.86) / 2$ $(-5.24--4.58) \times (209.40+209.84) / 2$	146.57 60.76 62.90 10.49 -142.70 -138.35	0.33	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 6		
SCAVO PER BONIFICA IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R1-BK-1 0.00	P1	$(0.00--3.25) \times (208.99+209.11) / 2$ $(3.25-0.00) \times (208.87+208.99) / 2$ $(-1.03-3.25) \times (208.52+208.39) / 2$ $(-3.17--1.03) \times (208.61+208.52) / 2$ $(-3.25--3.17) \times (208.55+208.61) / 2$	679.41 679.02 -892.19 -446.33 -16.69	3.22	
R1-BK-2 13.52	P1	$(-4.18--4.19) \times (209.22+209.22) / 2$ $(-3.39--4.18) \times (209.19+209.22) / 2$ $(0.00--3.39) \times (209.09+209.19) / 2$ $(3.39-0.00) \times (208.99+209.09) / 2$ $(4.70-3.39) \times (208.99+208.99) / 2$ $(4.64-4.70) \times (208.96+208.99) / 2$ $(3.94-4.64) \times (208.68+208.96) / 2$ $(3.53-3.94) \times (208.52+208.68) / 2$ $(0.68-3.53) \times (208.58+208.52) / 2$ $(0.06-0.68) \times (208.60+208.58) / 2$ $(-0.46-0.06) \times (208.61+208.60) / 2$ $(-0.52--0.46) \times (208.61+208.61) / 2$ $(-0.55--0.52) \times (208.61+208.61) / 2$ $(-0.78--0.55) \times (208.61+208.61) / 2$ $(-1.17--0.78) \times (208.62+208.61) / 2$ $(-2.25--1.17) \times (208.67+208.62) / 2$ $(-3.31--2.25) \times (208.67+208.67) / 2$ $(-3.70--3.31) \times (208.68+208.67) / 2$ $(-4.02--3.70) \times (208.54+208.68) / 2$ $(-4.19--4.02) \times (208.22+208.54) / 2$	2.09 165.27 708.98 708.65 273.78 -12.54 -146.17 -85.53 -594.37 -129.33 -108.47 -12.52 -6.26 -47.98 -81.36 -225.34 -221.19 -81.38 -66.76 -35.42	4.15	
R1-BK-2 13.52	P2	$(5.30-4.74) \times (209.40+209.40) / 2$ $(7.62-5.30) \times (210.94+209.40) / 2$ $(6.80-7.62) \times (209.75+209.94) / 2$ $(5.96-6.80) \times (209.57+209.75) / 2$ $(4.74-5.96) \times (209.00+209.57) / 2$	117.26 487.59 -172.07 -176.11 -255.33	1.34	
R1-BK-3 27.04	P1	$(-5.24--6.75) \times (209.40+208.39) / 2$ $(-4.54--5.24) \times (209.38+209.40) / 2$ $(-3.75--4.54) \times (209.36+209.38) / 2$ $(0.00--3.75) \times (209.28+209.36) / 2$ $(3.75-0.00) \times (209.18+209.28) / 2$ $(4.44-3.75) \times (209.18+209.18) / 2$ $(2.96-4.44) \times (208.62+209.18) / 2$ $(2.67-2.96) \times (208.63+208.62) / 2$ $(2.66-2.67) \times (208.63+208.63) / 2$ $(-0.62-2.66) \times (208.80+208.63) / 2$ $(-1.44--0.62) \times (208.80+208.80) / 2$ $(-3.52--1.44) \times (208.78+208.80) / 2$ $(-4.02--3.52) \times (208.78+208.78) / 2$ $(-4.74--4.02) \times (208.77+208.78) / 2$ $(-4.75--4.74) \times (208.77+208.77) / 2$ $(-4.78--4.75) \times (208.77+208.77) / 2$ $(-4.89--4.78) \times (208.66+208.77) / 2$ $(-6.75--4.89) \times (207.39+208.66) / 2$	315.43 146.57 165.40 784.95 784.61 144.33 -309.17 -60.50 -2.09 -684.59 -171.22 -434.28 -104.39 -150.32 -2.09 -6.26 -22.96 -386.93	6.49	
R1-BK-3 27.04	P2	$(8.07-5.73) \times (211.20+209.64) / 2$ $(7.68-8.07) \times (210.11+210.20) / 2$ $(6.96-7.68) \times (210.01+210.11) / 2$ $(5.73-6.96) \times (209.64+210.01) / 2$	492.38 -81.96 -151.24 -258.08	1.10	
R1-BK-4 40.57	P1	$(0.00--4.11) \times (209.61+209.60) / 2$ $(3.85-0.00) \times (209.51+209.61) / 2$ $(2.99-3.85) \times (209.14+209.51) / 2$ $(2.37-2.99) \times (208.88+209.14) / 2$ $(1.58-2.37) \times (208.92+208.88) / 2$ $(-4.11-1.58) \times (208.95+208.92) / 2$	861.48 806.81 -180.02 -129.59 -165.03 -1188.84	4.81	
R1-BK-5 54.09	P1	$(0.00--4.25) \times (209.94+209.84) / 2$ $(3.87-0.00) \times (209.85+209.94) / 2$ $(3.32-3.87) \times (209.56+209.85) / 2$ $(3.17-3.32) \times (209.51+209.56) / 2$ $(2.14-3.17) \times (209.12+209.51) / 2$ $(2.06-2.14) \times (209.17+209.12) / 2$	892.03 812.29 -115.34 -31.43 -215.59 -16.73		
A RIPORTARE mq			1325.23		

		CALCOLO DELLE AREE	Foglio n. 7		
SCAVO PER BONIFICA IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			1325.23		
R1-BK-6 61.39	P1	(2.00-2.06) x (209.17+209.17) / 2	-12.55	4.96	
		(1.92-2.00) x (209.17+209.17) / 2	-16.73		
		(0.22-1.92) x (209.22+209.17) / 2	-355.63		
		(0.13-0.22) x (209.23+209.22) / 2	-18.83		
		(-2.85-0.13) x (209.26+209.23) / 2	-623.55		
		(-4.25--2.85) x (209.28+209.26) / 2	-292.98		
		(0.00--4.37) x (210.13+210.02) / 2	918.03		
		(4.52-0.00) x (210.01+210.13) / 2	949.52		
		(2.37-4.52) x (209.23+210.01) / 2	-450.68		
		(2.33-2.37) x (209.25+209.23) / 2	-8.37		
(2.20-2.33) x (209.33+209.25) / 2	-27.21				
(2.17-2.20) x (209.33+209.33) / 2	-6.28				
(1.85-2.17) x (209.34+209.33) / 2	-66.99				
(1.68-1.85) x (209.35+209.34) / 2	-35.59				
(-4.35-1.68) x (209.44+209.35) / 2	-1262.65				
(-4.37--4.35) x (209.44+209.44) / 2	-4.19				
R1-BK-7 68.70	P1	(0.00--4.98) x (210.31+210.19) / 2	1047.05	5.59	
		(6.42-0.00) x (210.15+210.31) / 2	1349.68		
		(6.17-6.42) x (209.96+210.15) / 2	-52.51		
		(4.48-6.17) x (209.35+209.96) / 2	-354.32		
		(3.56-4.48) x (209.45+209.35) / 2	-192.65		
		(2.80-3.56) x (209.48+209.45) / 2	-159.19		
		(2.74-2.80) x (209.49+209.48) / 2	-12.57		
		(1.84-2.74) x (209.51+209.49) / 2	-188.55		
		(-2.87-1.84) x (209.63+209.51) / 2	-987.07		
		(-4.98--2.87) x (209.65+209.63) / 2	-442.34		
				7.53	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 8		
ANTICAPILLARE TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R1-BK-1 0.00	Q1	$(-3.17--3.25) \times (209.01+208.95) / 2$ $(-1.03--3.17) \times (208.92+209.01) / 2$ $(3.25--1.03) \times (208.79+208.92) / 2$ $(-1.03-3.25) \times (208.52+208.39) / 2$ $(-3.17--1.03) \times (208.61+208.52) / 2$ $(-3.25--3.17) \times (208.55+208.61) / 2$	16.72 447.19 893.90 -892.19 -446.33 -16.69		
R1-BK-2 13.52	Q1	$(-4.02--4.19) \times (208.94+208.62) / 2$ $(-3.70--4.02) \times (209.08+208.94) / 2$ $(-3.31--3.70) \times (209.07+209.08) / 2$ $(-2.25--3.31) \times (209.07+209.07) / 2$ $(-1.17--2.25) \times (209.02+209.07) / 2$ $(-0.78--1.17) \times (209.01+209.02) / 2$ $(-0.55--0.78) \times (209.01+209.01) / 2$ $(-0.52--0.55) \times (209.01+209.01) / 2$ $(-0.46--0.52) \times (209.01+209.01) / 2$ $(0.06--0.46) \times (209.00+209.01) / 2$ $(0.68-0.06) \times (208.98+209.00) / 2$ $(3.53-0.68) \times (208.92+208.98) / 2$ $(3.94-3.53) \times (209.08+208.92) / 2$ $(4.64-3.94) \times (209.36+209.08) / 2$ $(5.96-4.64) \times (209.97+209.36) / 2$ $(6.80-5.96) \times (210.15+209.97) / 2$ $(7.62-6.80) \times (210.34+210.15) / 2$ $(6.80-7.62) \times (209.75+209.94) / 2$ $(5.96-6.80) \times (209.57+209.75) / 2$ $(4.64-5.96) \times (208.96+209.57) / 2$ $(3.94-4.64) \times (208.68+208.96) / 2$ $(3.53-3.94) \times (208.52+208.68) / 2$ $(0.68-3.53) \times (208.58+208.52) / 2$ $(0.06-0.68) \times (208.60+208.58) / 2$ $(-0.46-0.06) \times (208.61+208.60) / 2$ $(-0.52--0.46) \times (208.61+208.61) / 2$ $(-0.55--0.52) \times (208.61+208.61) / 2$ $(-0.78--0.55) \times (208.61+208.61) / 2$ $(-1.17--0.78) \times (208.62+208.61) / 2$ $(-2.25--1.17) \times (208.67+208.62) / 2$ $(-3.31--2.25) \times (208.67+208.67) / 2$ $(-3.70--3.31) \times (208.68+208.67) / 2$ $(-4.02--3.70) \times (208.54+208.68) / 2$ $(-4.19--4.02) \times (208.22+208.54) / 2$	35.49 66.88 81.54 221.61 225.77 81.52 48.07 6.27 12.54 108.68 129.57 595.51 85.69 146.45 276.76 176.45 172.40 -172.07 -176.11 -276.23 -146.17 -85.53 -594.37 -129.33 -108.47 -12.52 -6.26 -47.98 -81.36 -225.34 -221.19 -81.38 -66.76 -35.42	2.60	
R1-BK-3 27.04	Q1	$(-4.89--6.75) \times (209.06+207.79) / 2$ $(-4.78--4.89) \times (209.17+209.06) / 2$ $(-4.75--4.78) \times (209.17+209.17) / 2$ $(-4.74--4.75) \times (209.17+209.17) / 2$ $(-4.02--4.74) \times (209.18+209.17) / 2$ $(-3.52--4.02) \times (209.18+209.18) / 2$ $(-1.44--3.52) \times (209.20+209.18) / 2$ $(-0.62--1.44) \times (209.20+209.20) / 2$ $(2.66--0.62) \times (209.03+209.20) / 2$ $(2.67-2.66) \times (209.03+209.03) / 2$ $(2.96-2.67) \times (209.02+209.03) / 2$ $(4.76-2.96) \times (209.70+209.02) / 2$ $(4.93-4.76) \times (209.71+209.70) / 2$ $(5.43-4.93) \times (209.95+209.71) / 2$ $(6.96-5.43) \times (210.41+209.95) / 2$ $(7.68-6.96) \times (210.51+210.41) / 2$ $(8.07-7.68) \times (210.60+210.51) / 2$ $(7.68-8.07) \times (210.11+210.20) / 2$ $(6.96-7.68) \times (210.01+210.11) / 2$ $(5.43-6.96) \times (209.55+210.01) / 2$ $(4.93-5.43) \times (209.31+209.55) / 2$ $(4.76-4.93) \times (209.30+209.31) / 2$ $(2.96-4.76) \times (208.62+209.30) / 2$ $(2.67-2.96) \times (208.63+208.62) / 2$ $(2.66-2.67) \times (208.63+208.63) / 2$ $(-0.62-2.66) \times (208.80+208.63) / 2$ $(-1.44--0.62) \times (208.80+208.80) / 2$ $(-3.52--1.44) \times (208.78+208.80) / 2$	387.67 23.00 6.28 2.09 150.61 104.59 435.12 171.54 685.90 2.09 60.62 376.85 35.65 104.91 321.58 151.53 82.12 -81.96 -151.24 -320.96 -104.72 -35.58 -376.13 -60.50 -2.09 -684.59 -171.22 -434.28	4.71	
A RIPORTARE mq			678.88		

		CALCOLO DELLE AREE	Foglio n. 9		
ANTICAPILLARE TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			678.88		
R1-BK-4 40.57	Q1	$(-4.02--3.52) \times (208.78+208.78) / 2$ $(-4.74--4.02) \times (208.77+208.78) / 2$ $(-4.75--4.74) \times (208.77+208.77) / 2$ $(-4.78--4.75) \times (208.77+208.77) / 2$ $(-4.89--4.78) \times (208.66+208.77) / 2$ $(-6.75--4.89) \times (207.39+208.66) / 2$ $(1.58--4.11) \times (209.32+209.35) / 2$ $(2.37-1.58) \times (209.28+209.32) / 2$ $(2.99-2.37) \times (209.54+209.28) / 2$ $(3.84-2.99) \times (209.91+209.54) / 2$ $(4.00-3.84) \times (209.90+209.91) / 2$ $(5.63-4.00) \times (210.52+209.90) / 2$ $(6.38-5.63) \times (210.80+210.52) / 2$ $(5.63-6.38) \times (210.12+210.40) / 2$ $(4.00-5.63) \times (209.50+210.12) / 2$ $(3.84-4.00) \times (209.51+209.50) / 2$ $(2.99-3.84) \times (209.14+209.51) / 2$ $(2.37-2.99) \times (208.88+209.14) / 2$ $(1.58-2.37) \times (208.92+208.88) / 2$ $(-4.11-1.58) \times (208.95+208.92) / 2$	-104.39 -150.32 -2.09 -6.26 -22.96 -386.93 1191.12 165.35 129.83 178.27 33.58 342.64 158.00 -157.69 -341.99 -33.52 -177.93 -129.59 -165.03 -1188.84	5.93	
R1-BK-5 54.09	Q1	$(-2.85--4.25) \times (209.66+209.68) / 2$ $(0.13--2.85) \times (209.63+209.66) / 2$ $(0.22-0.13) \times (209.62+209.63) / 2$ $(1.92-0.22) \times (209.57+209.62) / 2$ $(2.00-1.92) \times (209.57+209.57) / 2$ $(2.06-2.00) \times (209.57+209.57) / 2$ $(2.14-2.06) \times (209.52+209.57) / 2$ $(3.17-2.14) \times (209.91+209.52) / 2$ $(3.32-3.17) \times (209.96+209.91) / 2$ $(4.54-3.32) \times (210.60+209.96) / 2$ $(6.57-4.54) \times (211.57+210.60) / 2$ $(4.54-6.57) \times (210.20+211.17) / 2$ $(3.32-4.54) \times (209.56+210.20) / 2$ $(3.17-3.32) \times (209.51+209.56) / 2$ $(2.14-3.17) \times (209.12+209.51) / 2$ $(2.06-2.14) \times (209.17+209.12) / 2$ $(2.00-2.06) \times (209.17+209.17) / 2$ $(1.92-2.00) \times (209.17+209.17) / 2$ $(0.22-1.92) \times (209.22+209.17) / 2$ $(0.13-0.22) \times (209.23+209.22) / 2$ $(-2.85-0.13) \times (209.26+209.23) / 2$ $(-4.25--2.85) \times (209.28+209.26) / 2$	293.54 624.74 18.87 356.31 16.77 12.57 16.76 216.01 31.49 256.54 428.50 -427.69 -256.05 -31.43 -215.59 -16.73 -12.55 -16.73 -355.63 -18.83 -623.55 -292.98	4.20	
R1-BK-6 61.39	Q1	$(-4.35--4.37) \times (209.84+209.84) / 2$ $(1.68--4.35) \times (209.75+209.84) / 2$ $(1.85-1.68) \times (209.74+209.75) / 2$ $(2.17-1.85) \times (209.73+209.74) / 2$ $(2.20-2.17) \times (209.73+209.73) / 2$ $(2.33-2.20) \times (209.65+209.73) / 2$ $(2.37-2.33) \times (209.63+209.65) / 2$ $(4.51-2.37) \times (210.41+209.63) / 2$ $(4.55-4.51) \times (210.43+210.41) / 2$ $(4.90-4.55) \times (210.61+210.43) / 2$ $(6.91-4.90) \times (211.55+210.61) / 2$ $(4.90-6.91) \times (210.21+211.15) / 2$ $(4.55-4.90) \times (210.03+210.21) / 2$ $(4.51-4.55) \times (210.01+210.03) / 2$ $(2.37-4.51) \times (209.23+210.01) / 2$ $(2.33-2.37) \times (209.25+209.23) / 2$ $(2.20-2.33) \times (209.33+209.25) / 2$ $(2.17-2.20) \times (209.33+209.33) / 2$ $(1.85-2.17) \times (209.34+209.33) / 2$ $(1.68-1.85) \times (209.35+209.34) / 2$ $(-4.35-1.68) \times (209.44+209.35) / 2$ $(-4.37--4.35) \times (209.44+209.44) / 2$	4.20 1265.06 35.66 67.12 6.29 27.26 8.39 449.44 8.42 73.68 424.27 -423.47 -73.54 -8.40 -448.59 -8.37 -27.21 -6.28 -66.99 -35.59 -1262.65 -4.19	4.34	
A RIPORTARE mq				4.51	

		CALCOLO DELLE AREE	Foglio n. 10		
ANTICIPILLARE TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq					
R1-BK-7 68.70	Q1	$(-2.87--4.98) \times (210.03+210.05) / 2$ $(1.84--2.87) \times (209.91+210.03) / 2$ $(2.74-1.84) \times (209.89+209.91) / 2$ $(2.80-2.74) \times (209.88+209.89) / 2$ $(3.56-2.80) \times (209.85+209.88) / 2$ $(4.48-3.56) \times (209.75+209.85) / 2$ $(6.17-4.48) \times (210.36+209.75) / 2$ $(9.12-6.17) \times (212.61+210.36) / 2$ $(9.69-9.12) \times (212.69+212.61) / 2$ $(9.12-9.69) \times (212.21+212.29) / 2$ $(6.17-9.12) \times (209.96+212.21) / 2$ $(4.48-6.17) \times (209.35+209.96) / 2$ $(3.56-4.48) \times (209.45+209.35) / 2$ $(2.80-3.56) \times (209.48+209.45) / 2$ $(2.74-2.80) \times (209.49+209.48) / 2$ $(1.84-2.74) \times (209.51+209.49) / 2$ $(-2.87-1.84) \times (209.63+209.51) / 2$ $(-4.98--2.87) \times (209.65+209.63) / 2$	443.18 988.96 188.91 12.59 159.50 193.02 354.99 623.88 121.21 -120.98 -622.70 -354.32 -192.65 -159.19 -12.57 -188.55 -987.07 -442.34	5.87	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 11		
RILEVATO 3					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R1-BK-1 0.00	T1	$(0.00--3.25) \times (208.99+209.11) / 2$ $(3.25-0.00) \times (208.87+208.99) / 2$ $(-1.03-3.25) \times (208.92+208.87) / 2$ $(-3.17--1.03) \times (209.01+208.92) / 2$ $(-3.25--3.17) \times (208.95+209.01) / 2$	679.41 679.02 -894.07 -447.19 -16.72		
R1-BK-2 13.52	T1	$(-4.18--4.19) \times (209.22+209.22) / 2$ $(-3.39--4.18) \times (209.19+209.22) / 2$ $(0.00--3.39) \times (209.09+209.19) / 2$ $(-0.46-0.00) \times (209.01+209.09) / 2$ $(-0.52--0.46) \times (209.01+209.01) / 2$ $(-0.55--0.52) \times (209.01+209.01) / 2$ $(-0.78--0.55) \times (209.01+209.01) / 2$ $(-1.17--0.78) \times (209.02+209.01) / 2$ $(-2.25--1.17) \times (209.07+209.02) / 2$ $(-3.31--2.25) \times (209.07+209.07) / 2$ $(-3.70--3.31) \times (209.08+209.07) / 2$ $(-4.02--3.70) \times (208.94+209.08) / 2$ $(-4.19--4.02) \times (208.62+208.94) / 2$	2.09 165.27 708.98 -96.16 -12.54 -6.27 -48.07 -81.52 -225.77 -221.61 -81.54 -66.88 -35.49	0.45	
R1-BK-2 13.52	T2	$(3.39-0.00) \times (208.99+209.09) / 2$ $(3.70-3.39) \times (208.99+208.99) / 2$ $(3.53-3.70) \times (208.92+208.99) / 2$ $(0.68-3.53) \times (208.98+208.92) / 2$ $(0.06-0.68) \times (209.00+208.98) / 2$ $(0.00-0.06) \times (209.09+209.00) / 2$	708.65 64.79 -35.52 -595.51 -129.57 -12.54	0.49	
R1-BK-2 13.52	T3	$(7.62-6.24) \times (210.94+210.03) / 2$ $(6.80-7.62) \times (210.15+210.34) / 2$ $(6.24-6.80) \times (210.03+210.15) / 2$	290.47 -172.40 -117.65	0.30	
R1-BK-3 27.04	T1	$(-5.24--6.75) \times (209.40+208.39) / 2$ $(-4.54--5.24) \times (209.38+209.40) / 2$ $(-3.75--4.54) \times (209.36+209.38) / 2$ $(0.00--3.75) \times (209.28+209.36) / 2$ $(3.41-0.00) \times (209.19+209.28) / 2$ $(2.96-3.41) \times (209.02+209.19) / 2$ $(2.67-2.96) \times (209.03+209.02) / 2$ $(2.66-2.67) \times (209.03+209.03) / 2$ $(-0.62-2.66) \times (209.20+209.03) / 2$ $(-1.44--0.62) \times (209.20+209.20) / 2$ $(-3.52--1.44) \times (209.18+209.20) / 2$ $(-4.02--3.52) \times (209.18+209.18) / 2$ $(-4.74--4.02) \times (209.17+209.18) / 2$ $(-4.75--4.74) \times (209.17+209.17) / 2$ $(-4.78--4.75) \times (209.17+209.17) / 2$ $(-4.89--4.78) \times (209.06+209.17) / 2$ $(-6.75--4.89) \times (207.79+209.06) / 2$	315.43 146.57 165.40 784.95 713.49 -94.10 -60.62 -2.09 -685.90 -171.54 -435.12 -104.59 -150.61 -2.09 -6.28 -23.00 -387.67	0.42	
R1-BK-3 27.04	T2	$(8.07-6.81) \times (211.20+210.36) / 2$ $(7.68-8.07) \times (210.51+210.60) / 2$ $(6.96-7.68) \times (210.41+210.51) / 2$ $(6.81-6.96) \times (210.36+210.41) / 2$	265.58 -82.12 -151.53 -31.56	2.23	
R1-BK-4 40.57	T1	$(0.00--4.11) \times (209.61+209.60) / 2$ $(2.97-0.00) \times (209.53+209.61) / 2$ $(2.37-2.97) \times (209.28+209.53) / 2$ $(1.58-2.37) \times (209.32+209.28) / 2$ $(-4.11-1.58) \times (209.35+209.32) / 2$	861.48 622.42 -125.64 -165.35 -1191.12	0.37	
R1-BK-5 54.09	T1	$(0.00--4.25) \times (209.94+209.84) / 2$ $(3.05-0.00) \times (209.87+209.94) / 2$ $(2.14-3.05) \times (209.52+209.87) / 2$ $(2.06-2.14) \times (209.57+209.52) / 2$ $(2.00-2.06) \times (209.57+209.57) / 2$ $(1.92-2.00) \times (209.57+209.57) / 2$ $(0.22-1.92) \times (209.62+209.57) / 2$ $(0.13-0.22) \times (209.63+209.62) / 2$ $(-2.85-0.13) \times (209.66+209.63) / 2$ $(-4.25--2.85) \times (209.68+209.66) / 2$	892.03 640.21 -190.82 -16.76 -12.57 -16.77 -356.31 -18.87 -624.74 -293.54	1.79	
A RIPORTARE mq			1.86		

		CALCOLO DELLE AREE	Foglio n. 12		
RILEVATO 3					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			1.86		
R1-BK-6 61.39	T1	$(0.00--4.37) \times (210.13+210.02) / 2$ $(3.49-0.00) \times (210.04+210.13) / 2$ $(2.37-3.49) \times (209.63+210.04) / 2$ $(2.33-2.37) \times (209.65+209.63) / 2$ $(2.20-2.33) \times (209.73+209.65) / 2$ $(2.17-2.20) \times (209.73+209.73) / 2$ $(1.85-2.17) \times (209.74+209.73) / 2$ $(1.68-1.85) \times (209.75+209.74) / 2$ $(-4.35-1.68) \times (209.84+209.75) / 2$ $(-4.37--4.35) \times (209.84+209.84) / 2$	918.03 733.20 -235.02 -8.39 -27.26 -6.29 -67.12 -35.66 -1265.06 -4.20	1.86	
R1-BK-7 68.70	T1	$(0.00--4.98) \times (210.31+210.19) / 2$ $(5.64-0.00) \times (210.17+210.31) / 2$ $(4.48-5.64) \times (209.75+210.17) / 2$ $(3.56-4.48) \times (209.85+209.75) / 2$ $(2.80-3.56) \times (209.88+209.85) / 2$ $(2.74-2.80) \times (209.89+209.88) / 2$ $(1.84-2.74) \times (209.91+209.89) / 2$ $(-2.87-1.84) \times (210.03+209.91) / 2$ $(-4.98--2.87) \times (210.05+210.03) / 2$	1047.05 1185.75 -243.55 -193.02 -159.50 -12.59 -188.91 -988.96 -443.18	2.23	
				3.09	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE			Foglio n. 13
CONGL. BIT. (Binder)					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
R1-BK-1 0.00	a1	$^1((0.00--3.25)^2+(209.45-209.57)^2)$ $^1((3.25-0.00)^2+(209.33-209.45)^2)$	3.25 3.25	6.50	
R1-BK-2 13.52	a1	$^1((0.00--3.39)^2+(209.55-209.65)^2)$ $^1((3.39-0.00)^2+(209.45-209.55)^2)$	3.39 3.39	6.78	
R1-BK-3 27.04	a1	$^1((0.00--3.75)^2+(209.74-209.82)^2)$ $^1((3.75-0.00)^2+(209.64-209.74)^2)$	3.75 3.75	7.50	
R1-BK-4 40.57	a1	$^1((0.00--4.11)^2+(210.07-210.06)^2)$ $^1((4.11-0.00)^2+(209.96-210.07)^2)$	4.11 4.11	8.22	
R1-BK-5 54.09	a1	$^1((0.00--4.25)^2+(210.40-210.30)^2)$ $^1((4.25-0.00)^2+(210.30-210.40)^2)$	4.25 4.25	8.50	
R1-BK-6 61.39	a1	$^1((0.00--4.37)^2+(210.59-210.48)^2)$ $^1((4.62-0.00)^2+(210.47-210.59)^2)$	4.37 4.62	8.99	
R1-BK-7 68.70	a1	$^1((0.00--4.98)^2+(210.77-210.65)^2)$ $^1((7.29-0.00)^2+(210.59-210.77)^2)$	4.98 7.29	12.27	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 14		
TAPPETO DI USURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
R1-BK-1 0.00	b1	$^1((0.00--3.25)^2+(209.49-209.61)^2)$ $^1((3.25-0.00)^2+(209.37-209.49)^2)$	3.25 3.25	6.50	
R1-BK-2 13.52	b1	$^1((-3.25--3.39)^2+(209.69-209.69)^2)$ $^1((0.00--3.25)^2+(209.59-209.69)^2)$ $^1((3.25-0.00)^2+(209.49-209.59)^2)$ $^1((3.39-3.25)^2+(209.49-209.49)^2)$	0.14 3.25 3.25 0.14	6.78	
R1-BK-3 27.04	b1	$^1((-3.25--3.75)^2+(209.85-209.86)^2)$ $^1((0.00--3.25)^2+(209.78-209.85)^2)$ $^1((3.25-0.00)^2+(209.70-209.78)^2)$ $^1((3.75-3.25)^2+(209.68-209.70)^2)$	0.50 3.25 3.25 0.50	7.50	
R1-BK-4 40.57	b1	$^1((-3.25--4.11)^2+(210.10-210.10)^2)$ $^1((0.00--3.25)^2+(210.11-210.10)^2)$ $^1((3.25-0.00)^2+(210.03-210.11)^2)$ $^1((4.11-3.25)^2+(210.00-210.03)^2)$	0.86 3.25 3.25 0.86	8.22	
R1-BK-5 54.09	b1	$^1((-3.25--4.25)^2+(210.36-210.34)^2)$ $^1((0.00--3.25)^2+(210.44-210.36)^2)$ $^1((3.25-0.00)^2+(210.36-210.44)^2)$ $^1((4.25-3.25)^2+(210.34-210.36)^2)$	1.00 3.25 3.25 1.00	8.50	
R1-BK-6 61.39	b1	$^1((-3.34--4.37)^2+(210.54-210.52)^2)$ $^1((0.00--3.34)^2+(210.63-210.54)^2)$ $^1((3.61-0.00)^2+(210.54-210.63)^2)$ $^1((4.62-3.61)^2+(210.51-210.54)^2)$	1.03 3.34 3.61 1.01	8.99	
R1-BK-7 68.70	b1	$^1((-3.81--4.98)^2+(210.71-210.69)^2)$ $^1((0.00--3.81)^2+(210.81-210.71)^2)$ $^1((6.29-0.00)^2+(210.65-210.81)^2)$ $^1((7.29-6.29)^2+(210.63-210.65)^2)$	1.17 3.81 6.29 1.00	12.27	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 15		
SCOTICO IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
R1-BK-1 0.00	f1	$^1((-3.17--3.25)^2+(209.41-209.35)^2)$ $^1((-1.03--3.17)^2+(209.32-209.41)^2)$ $^1((3.25--1.03)^2+(209.19-209.32)^2)$	0.10 2.14 4.28	6.52	
R1-BK-2 13.52	f1	$^1((-4.02--4.19)^2+(209.34-209.02)^2)$ $^1((-3.70--4.02)^2+(209.48-209.34)^2)$ $^1((-3.31--3.70)^2+(209.47-209.48)^2)$ $^1((-2.25--3.31)^2+(209.47-209.47)^2)$ $^1((-1.17--2.25)^2+(209.42-209.47)^2)$ $^1((-0.78--1.17)^2+(209.41-209.42)^2)$ $^1((-0.55--0.78)^2+(209.41-209.41)^2)$ $^1((-0.52--0.55)^2+(209.41-209.41)^2)$ $^1((-0.46--0.52)^2+(209.41-209.41)^2)$ $^1((0.06--0.46)^2+(209.40-209.41)^2)$ $^1((0.68-0.06)^2+(209.38-209.40)^2)$ $^1((3.53-0.68)^2+(209.32-209.38)^2)$ $^1((3.94-3.53)^2+(209.48-209.32)^2)$ $^1((4.64-3.94)^2+(209.76-209.48)^2)$ $^1((5.96-4.64)^2+(210.37-209.76)^2)$ $^1((6.80-5.96)^2+(210.55-210.37)^2)$ $^1((7.62-6.80)^2+(210.74-210.55)^2)$	0.36 0.35 0.39 1.06 1.08 0.39 0.23 0.03 0.06 0.52 0.62 2.85 0.44 0.75 1.45 0.86 0.84		
R1-BK-3 27.04	f1	$^1((-4.89--6.75)^2+(209.46-208.19)^2)$ $^1((-4.78--4.89)^2+(209.57-209.46)^2)$ $^1((-4.75--4.78)^2+(209.57-209.57)^2)$ $^1((-4.74--4.75)^2+(209.57-209.57)^2)$ $^1((-4.02--4.74)^2+(209.58-209.57)^2)$ $^1((-3.52--4.02)^2+(209.58-209.58)^2)$ $^1((-1.44--3.52)^2+(209.60-209.58)^2)$ $^1((-0.62--1.44)^2+(209.60-209.60)^2)$ $^1((2.66--0.62)^2+(209.43-209.60)^2)$ $^1((2.67-2.66)^2+(209.43-209.43)^2)$ $^1((2.96-2.67)^2+(209.42-209.43)^2)$ $^1((4.76-2.96)^2+(210.10-209.42)^2)$ $^1((4.93-4.76)^2+(210.11-210.10)^2)$ $^1((5.43-4.93)^2+(210.35-210.11)^2)$ $^1((6.96-5.43)^2+(210.81-210.35)^2)$ $^1((7.68-6.96)^2+(210.91-210.81)^2)$ $^1((8.07-7.68)^2+(211.00-210.91)^2)$	2.25 0.16 0.03 0.01 0.72 0.50 2.08 0.82 3.28 0.01 0.29 1.92 0.17 0.55 1.60 0.73 0.40	12.28	
R1-BK-4 40.57	f1	$^1((1.58--4.11)^2+(209.72-209.75)^2)$ $^1((2.37-1.58)^2+(209.68-209.72)^2)$ $^1((2.99-2.37)^2+(209.94-209.68)^2)$ $^1((3.84-2.99)^2+(210.31-209.94)^2)$ $^1((4.00-3.84)^2+(210.30-210.31)^2)$ $^1((5.63-4.00)^2+(210.92-210.30)^2)$ $^1((6.38-5.63)^2+(211.20-210.92)^2)$	5.69 0.79 0.67 0.93 0.16 1.74 0.80	15.52	
R1-BK-5 54.09	f1	$^1((-2.85--4.25)^2+(210.06-210.08)^2)$ $^1((0.13--2.85)^2+(210.03-210.06)^2)$ $^1((0.22-0.13)^2+(210.02-210.03)^2)$ $^1((1.92-0.22)^2+(209.97-210.02)^2)$ $^1((2.00-1.92)^2+(209.97-209.97)^2)$ $^1((2.06-2.00)^2+(209.97-209.97)^2)$ $^1((2.14-2.06)^2+(209.92-209.97)^2)$ $^1((3.17-2.14)^2+(210.31-209.92)^2)$ $^1((3.32-3.17)^2+(210.36-210.31)^2)$ $^1((4.54-3.32)^2+(211.00-210.36)^2)$ $^1((6.57-4.54)^2+(211.97-211.00)^2)$	1.40 2.98 0.09 1.70 0.08 0.06 0.09 1.10 0.16 1.38 2.25	10.78	
R1-BK-6 61.39	f1	$^1((-4.35--4.37)^2+(210.24-210.24)^2)$ $^1((1.68--4.35)^2+(210.15-210.24)^2)$ $^1((1.85-1.68)^2+(210.14-210.15)^2)$ $^1((2.17-1.85)^2+(210.13-210.14)^2)$ $^1((2.20-2.17)^2+(210.13-210.13)^2)$ $^1((2.33-2.20)^2+(210.05-210.13)^2)$ $^1((2.37-2.33)^2+(210.03-210.05)^2)$ $^1((4.51-2.37)^2+(210.81-210.03)^2)$ $^1((4.55-4.51)^2+(210.83-210.81)^2)$ $^1((4.90-4.55)^2+(211.01-210.83)^2)$	0.02 6.03 0.17 0.32 0.03 0.15 0.04 2.28 0.04 0.39	11.29	
A RIPORTARE ml			9.47		

		CALCOLO DELLE LUNGHEZZE		Foglio n. 16	
SCOTICO IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			9.47		
R1-BK-7 68.70	f1	$^1((6.91-4.90)^2+(211.95-211.01)^2)$	2.22	11.69	
		$^1((-2.87--4.98)^2+(210.43-210.45)^2)$	2.11		
		$^1((1.84--2.87)^2+(210.31-210.43)^2)$	4.71		
		$^1((2.74-1.84)^2+(210.29-210.31)^2)$	0.90		
		$^1((2.80-2.74)^2+(210.28-210.29)^2)$	0.06		
		$^1((3.56-2.80)^2+(210.25-210.28)^2)$	0.76		
		$^1((4.48-3.56)^2+(210.15-210.25)^2)$	0.93		
		$^1((6.17-4.48)^2+(210.76-210.15)^2)$	1.80		
		$^1((9.12-6.17)^2+(213.01-210.76)^2)$	3.71		
		$^1((9.69-9.12)^2+(213.09-213.01)^2)$	0.58		
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 17		
GEOTESILE INF_TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
R1-BK-1 0.00	k1	$^1((-3.17--3.25)^2+(208.61-208.55)^2)$ $^1((-1.03--3.17)^2+(208.52-208.61)^2)$ $^1((3.25--1.03)^2+(208.39-208.52)^2)$	0.10 2.14 4.28		
R1-BK-2 13.52	k1	$^1((-4.02--4.19)^2+(208.54-208.22)^2)$ $^1((-3.70--4.02)^2+(208.68-208.54)^2)$ $^1((-3.31--3.70)^2+(208.67-208.68)^2)$ $^1((-2.25--3.31)^2+(208.67-208.67)^2)$ $^1((-1.17--2.25)^2+(208.62-208.67)^2)$ $^1((-0.78--1.17)^2+(208.61-208.62)^2)$ $^1((-0.55--0.78)^2+(208.61-208.61)^2)$ $^1((-0.52--0.55)^2+(208.61-208.61)^2)$ $^1((-0.46--0.52)^2+(208.61-208.61)^2)$ $^1((0.06--0.46)^2+(208.60-208.61)^2)$ $^1((0.68-0.06)^2+(208.58-208.60)^2)$ $^1((3.53-0.68)^2+(208.52-208.58)^2)$ $^1((3.94-3.53)^2+(208.68-208.52)^2)$ $^1((4.64-3.94)^2+(208.96-208.68)^2)$ $^1((5.96-4.64)^2+(209.57-208.96)^2)$ $^1((6.80-5.96)^2+(209.75-209.57)^2)$ $^1((7.62-6.80)^2+(209.94-209.75)^2)$	0.36 0.35 0.39 1.06 1.08 0.39 0.23 0.03 0.06 0.52 0.62 2.85 0.44 0.75 1.45 0.86 0.84	6.52	
R1-BK-3 27.04	k1	$^1((-4.89--6.75)^2+(208.66-207.39)^2)$ $^1((-4.78--4.89)^2+(208.77-208.66)^2)$ $^1((-4.75--4.78)^2+(208.77-208.77)^2)$ $^1((-4.74--4.75)^2+(208.77-208.77)^2)$ $^1((-4.02--4.74)^2+(208.78-208.77)^2)$ $^1((-3.52--4.02)^2+(208.78-208.78)^2)$ $^1((-1.44--3.52)^2+(208.80-208.78)^2)$ $^1((-0.62--1.44)^2+(208.80-208.80)^2)$ $^1((2.66--0.62)^2+(208.63-208.80)^2)$ $^1((2.67-2.66)^2+(208.63-208.63)^2)$ $^1((2.96-2.67)^2+(208.62-208.63)^2)$ $^1((4.76-2.96)^2+(209.30-208.62)^2)$ $^1((4.93-4.76)^2+(209.31-209.30)^2)$ $^1((5.43-4.93)^2+(209.55-209.31)^2)$ $^1((6.96-5.43)^2+(210.01-209.55)^2)$ $^1((7.68-6.96)^2+(210.11-210.01)^2)$ $^1((8.07-7.68)^2+(210.20-210.11)^2)$	2.25 0.16 0.03 0.01 0.72 0.50 2.08 0.82 3.28 0.01 0.29 1.92 0.17 0.55 1.60 0.73 0.40	12.28	
R1-BK-4 40.57	k1	$^1((1.58--4.11)^2+(208.92-208.95)^2)$ $^1((2.37-1.58)^2+(208.88-208.92)^2)$ $^1((2.99-2.37)^2+(209.14-208.88)^2)$ $^1((3.84-2.99)^2+(209.51-209.14)^2)$ $^1((4.00-3.84)^2+(209.50-209.51)^2)$ $^1((5.63-4.00)^2+(210.12-209.50)^2)$ $^1((6.38-5.63)^2+(210.40-210.12)^2)$	5.69 0.79 0.67 0.93 0.16 1.74 0.80	15.52	
R1-BK-5 54.09	k1	$^1((-2.85--4.25)^2+(209.26-209.28)^2)$ $^1((0.13--2.85)^2+(209.23-209.26)^2)$ $^1((0.22-0.13)^2+(209.22-209.23)^2)$ $^1((1.92-0.22)^2+(209.17-209.22)^2)$ $^1((2.00-1.92)^2+(209.17-209.17)^2)$ $^1((2.06-2.00)^2+(209.17-209.17)^2)$ $^1((2.14-2.06)^2+(209.12-209.17)^2)$ $^1((3.17-2.14)^2+(209.51-209.12)^2)$ $^1((3.32-3.17)^2+(209.56-209.51)^2)$ $^1((4.54-3.32)^2+(210.20-209.56)^2)$ $^1((6.57-4.54)^2+(211.17-210.20)^2)$	1.40 2.98 0.09 1.70 0.08 0.06 0.09 1.10 0.16 1.38 2.25	10.78	
R1-BK-6 61.39	k1	$^1((-4.35--4.37)^2+(209.44-209.44)^2)$ $^1((1.68--4.35)^2+(209.35-209.44)^2)$ $^1((1.85-1.68)^2+(209.34-209.35)^2)$ $^1((2.17-1.85)^2+(209.33-209.34)^2)$ $^1((2.20-2.17)^2+(209.33-209.33)^2)$ $^1((2.33-2.20)^2+(209.25-209.33)^2)$ $^1((2.37-2.33)^2+(209.23-209.25)^2)$ $^1((4.51-2.37)^2+(210.01-209.23)^2)$ $^1((4.55-4.51)^2+(210.03-210.01)^2)$ $^1((4.90-4.55)^2+(210.21-210.03)^2)$	0.02 6.03 0.17 0.32 0.03 0.15 0.04 2.28 0.04 0.39	11.29	
A RIPORTARE ml			9.47		

		CALCOLO DELLE LUNGHEZZE		Foglio n. 18			
GEOTESSILE INF_TRINCEA							
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE		
RIPORTO ml			9.47				
R1-BK-7 68.70	k1	$^1((6.91-4.90)^2+(211.15-210.21)^2)$	2.22	11.69			
		$^1((-2.87--4.98)^2+(209.63-209.65)^2)$	2.11				
		$^1((1.84--2.87)^2+(209.51-209.63)^2)$	4.71				
		$^1((2.74-1.84)^2+(209.49-209.51)^2)$	0.90				
		$^1((2.80-2.74)^2+(209.48-209.49)^2)$	0.06				
		$^1((3.56-2.80)^2+(209.45-209.48)^2)$	0.76				
		$^1((4.48-3.56)^2+(209.35-209.45)^2)$	0.93				
		$^1((6.17-4.48)^2+(209.96-209.35)^2)$	1.80				
		$^1((9.12-6.17)^2+(212.21-209.96)^2)$	3.71				
		$^1((9.69-9.12)^2+(212.29-212.21)^2)$	0.58				
						15.56	
		Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE				Foglio n. 19
GEOTESSILE SUP_TRINCEA						
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE	
R1-BK-1 0.00	11	$^1((-3.17--3.25)^2+(209.01-208.95)^2)$ $^1((-1.03--3.17)^2+(208.92-209.01)^2)$ $^1((3.25--1.03)^2+(208.79-208.92)^2)$	0.10 2.14 4.28			
R1-BK-2 13.52	11	$^1((-4.02--4.19)^2+(208.94-208.62)^2)$ $^1((-3.70--4.02)^2+(209.08-208.94)^2)$ $^1((-3.31--3.70)^2+(209.07-209.08)^2)$ $^1((-2.25--3.31)^2+(209.07-209.07)^2)$ $^1((-1.17--2.25)^2+(209.02-209.07)^2)$ $^1((-0.78--1.17)^2+(209.01-209.02)^2)$ $^1((-0.55--0.78)^2+(209.01-209.01)^2)$ $^1((-0.52--0.55)^2+(209.01-209.01)^2)$ $^1((-0.46--0.52)^2+(209.01-209.01)^2)$ $^1((0.06--0.46)^2+(209.00-209.01)^2)$ $^1((0.68-0.06)^2+(208.98-209.00)^2)$ $^1((3.53-0.68)^2+(208.92-208.98)^2)$ $^1((3.94-3.53)^2+(209.08-208.92)^2)$ $^1((4.64-3.94)^2+(209.36-209.08)^2)$ $^1((5.96-4.64)^2+(209.97-209.36)^2)$ $^1((6.80-5.96)^2+(210.15-209.97)^2)$ $^1((7.62-6.80)^2+(210.34-210.15)^2)$	0.36 0.35 0.39 1.06 1.08 0.39 0.23 0.03 0.06 0.52 0.62 2.85 0.44 0.75 1.45 0.86 0.84	6.52		
R1-BK-3 27.04	11	$^1((-4.89--6.75)^2+(209.06-207.79)^2)$ $^1((-4.78--4.89)^2+(209.17-209.06)^2)$ $^1((-4.75--4.78)^2+(209.17-209.17)^2)$ $^1((-4.74--4.75)^2+(209.17-209.17)^2)$ $^1((-4.02--4.74)^2+(209.18-209.17)^2)$ $^1((-3.52--4.02)^2+(209.18-209.18)^2)$ $^1((-1.44--3.52)^2+(209.20-209.18)^2)$ $^1((-0.62--1.44)^2+(209.20-209.20)^2)$ $^1((2.66--0.62)^2+(209.03-209.20)^2)$ $^1((2.67-2.66)^2+(209.03-209.03)^2)$ $^1((2.96-2.67)^2+(209.02-209.03)^2)$ $^1((4.76-2.96)^2+(209.70-209.02)^2)$ $^1((4.93-4.76)^2+(209.71-209.70)^2)$ $^1((5.43-4.93)^2+(209.95-209.71)^2)$ $^1((6.96-5.43)^2+(210.41-209.95)^2)$ $^1((7.68-6.96)^2+(210.51-210.41)^2)$ $^1((8.07-7.68)^2+(210.60-210.51)^2)$	2.25 0.16 0.03 0.01 0.72 0.50 2.08 0.82 3.28 0.01 0.29 1.92 0.17 0.55 1.60 0.73 0.40	12.28		
R1-BK-4 40.57	11	$^1((1.58--4.11)^2+(209.32-209.35)^2)$ $^1((2.37-1.58)^2+(209.28-209.32)^2)$ $^1((2.99-2.37)^2+(209.54-209.28)^2)$ $^1((3.84-2.99)^2+(209.91-209.54)^2)$ $^1((4.00-3.84)^2+(209.90-209.91)^2)$ $^1((5.63-4.00)^2+(210.52-209.90)^2)$ $^1((6.38-5.63)^2+(210.80-210.52)^2)$	5.69 0.79 0.67 0.93 0.16 1.74 0.80	15.52		
R1-BK-5 54.09	11	$^1((-2.85--4.25)^2+(209.66-209.68)^2)$ $^1((0.13--2.85)^2+(209.63-209.66)^2)$ $^1((0.22-0.13)^2+(209.62-209.63)^2)$ $^1((1.92-0.22)^2+(209.57-209.62)^2)$ $^1((2.00-1.92)^2+(209.57-209.57)^2)$ $^1((2.06-2.00)^2+(209.57-209.57)^2)$ $^1((2.14-2.06)^2+(209.52-209.57)^2)$ $^1((3.17-2.14)^2+(209.91-209.52)^2)$ $^1((3.32-3.17)^2+(209.96-209.91)^2)$ $^1((4.54-3.32)^2+(210.60-209.96)^2)$ $^1((6.57-4.54)^2+(211.57-210.60)^2)$	1.40 2.98 0.09 1.70 0.08 0.06 0.09 1.10 0.16 1.38 2.25	10.78		
R1-BK-6 61.39	11	$^1((-4.35--4.37)^2+(209.84-209.84)^2)$ $^1((1.68--4.35)^2+(209.75-209.84)^2)$ $^1((1.85-1.68)^2+(209.74-209.75)^2)$ $^1((2.17-1.85)^2+(209.73-209.74)^2)$ $^1((2.20-2.17)^2+(209.73-209.73)^2)$ $^1((2.33-2.20)^2+(209.65-209.73)^2)$ $^1((2.37-2.33)^2+(209.63-209.65)^2)$ $^1((4.51-2.37)^2+(210.41-209.63)^2)$ $^1((4.55-4.51)^2+(210.43-210.41)^2)$ $^1((4.90-4.55)^2+(210.61-210.43)^2)$	0.02 6.03 0.17 0.32 0.03 0.15 0.04 2.28 0.04 0.39	11.29		
A RIPORTARE ml			9.47			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 20		
GEOTESSILE SUP_TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			9.47		
R1-BK-7 68.70	11	$^1((6.91-4.90)^2+(211.55-210.61)^2)$	2.22	11.69	
		$^1((-2.87--4.98)^2+(210.03-210.05)^2)$	2.11		
		$^1((1.84--2.87)^2+(209.91-210.03)^2)$	4.71		
		$^1((2.74-1.84)^2+(209.89-209.91)^2)$	0.90		
		$^1((2.80-2.74)^2+(209.88-209.89)^2)$	0.06		
		$^1((3.56-2.80)^2+(209.85-209.88)^2)$	0.76		
		$^1((4.48-3.56)^2+(209.75-209.85)^2)$	0.93		
		$^1((6.17-4.48)^2+(210.36-209.75)^2)$	1.80		
		$^1((9.12-6.17)^2+(212.61-210.36)^2)$	3.71		
		$^1((9.69-9.12)^2+(212.69-212.61)^2)$	0.58		
Il Direttore dei Lavori		L'Impresa			

COMPUTO DEI VOLUMI					Foglio n. 21			
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
R1-BK-1 0.00	R1-BK-2 13.52	R1-BK-1 R1-BK-2	A1 A1	1.97 4.00	13.52 13.52	6.76 6.76	13.32 27.04	40.36
R1-BK-2 13.52	R1-BK-3 27.04	R1-BK-2 R1-BK-3	A1 A1	4.00 4.65	13.52 13.52	6.76 6.76	27.04 31.43	58.47
R1-BK-3 27.04	R1-BK-4 40.57	R1-BK-3 R1-BK-4	A1 A1	4.65 4.18	13.53 13.53	6.77 6.77	31.48 28.30	59.78
R1-BK-4 40.57	R1-BK-5 54.09	R1-BK-4 R1-BK-5	A1 A1	4.18 4.96	13.52 13.52	6.76 6.76	28.26 33.53	61.79
R1-BK-5 54.09	R1-BK-6 61.39	R1-BK-5 R1-BK-6 R1-BK-6	A1 A1 A2	4.96 0.69 3.57	7.30 7.30 7.30	3.65 3.65 3.65	18.10 2.52 13.03	33.65
R1-BK-6 61.39	R1-BK-7 68.70	R1-BK-6 R1-BK-6 R1-BK-7 R1-BK-7	A1 A2 A1 A2	0.69 3.57 0.97 6.47	7.31 7.31 7.31 7.31	3.66 3.66 3.66 3.66	2.53 13.07 3.55 23.68	42.83
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			296.88

COMPUTO DEI VOLUMI					Foglio n. 22			
FONDAZIONE IN MISTO GRANULARE								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
R1-BK-1 0.00	R1-BK-2 13.52	R1-BK-1 R1-BK-2	F1 F1	1.96 2.36	13.52 13.52	6.76 6.76	13.25 15.95	29.20
R1-BK-2 13.52	R1-BK-3 27.04	R1-BK-2 R1-BK-3 R1-BK-3	F1 F1 F2	2.36 2.26 0.14	13.52 13.52 13.52	6.76 6.76 6.76	15.95 15.28 0.95	
R1-BK-3 27.04	R1-BK-4 40.57	R1-BK-3 R1-BK-3 R1-BK-4	F1 F2 F1	2.26 0.14 2.60	13.53 13.53 13.53	6.77 6.77 6.77	15.30 0.95 17.60	33.85
R1-BK-4 40.57	R1-BK-5 54.09	R1-BK-4 R1-BK-5 R1-BK-5	F1 F1 F2	2.60 2.34 0.14	13.52 13.52 13.52	6.76 6.76 6.76	17.58 15.82 0.95	
R1-BK-5 54.09	R1-BK-6 61.39	R1-BK-5 R1-BK-5 R1-BK-6	F1 F2 F1	2.34 0.14 2.84	7.30 7.30 7.30	3.65 3.65 3.65	8.54 0.51 10.37	19.42
R1-BK-6 61.39	R1-BK-7 68.70	R1-BK-6 R1-BK-7 R1-BK-7	F1 F1 F2	2.84 3.31 0.13	7.31 7.31 7.31	3.66 3.66 3.66	10.39 12.11 0.48	
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			171.98

COMPUTO DEI VOLUMI					Foglio n. 23			
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
R1-BK-1 0.00	R1-BK-2 13.52	R1-BK-2 R1-BK-2	I1 I2	0.59 0.86	13.52 13.52	6.76 6.76	3.99 5.81	9.80
R1-BK-2 13.52	R1-BK-3 27.04	R1-BK-2 R1-BK-3 R1-BK-3	I1 I2 I1 I2	0.59 0.86 1.03 0.90	13.52 13.52 13.52 13.52	6.76 6.76 6.76 6.76	3.99 5.81 6.96 6.08	22.84
R1-BK-3 27.04	R1-BK-4 40.57	R1-BK-3 R1-BK-3 R1-BK-4	I1 I2 I1	1.03 0.90 0.58	13.53 13.53 13.53	6.77 6.77 6.77	6.97 6.09 3.93	16.99
R1-BK-4 40.57	R1-BK-5 54.09	R1-BK-4 R1-BK-5	I1 I1	0.58 0.71	13.52 13.52	6.76 6.76	3.92 4.80	8.72
R1-BK-5 54.09	R1-BK-6 61.39	R1-BK-5 R1-BK-6	I1 I1	0.71 0.64	7.30 7.30	3.65 3.65	2.59 2.34	4.93
R1-BK-6 61.39	R1-BK-7 68.70	R1-BK-6 R1-BK-7	I1 I1	0.64 0.95	7.31 7.31	3.66 3.66	2.34 3.48	5.82
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			69.10

COMPUTO DEI VOLUMI					Foglio n. 24			
MISTO GRANULARE COMPATTATO								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
R1-BK-1	R1-BK-2	R1-BK-2	L1	0.31	13.52	6.76	2.10	2.10
R1-BK-2	R1-BK-3	R1-BK-2	L1	0.31	13.52	6.76	2.10	
13.52	27.04	R1-BK-3	L1	0.33	13.52	6.76	2.23	4.33
R1-BK-3	R1-BK-4	R1-BK-3	L1	0.33	13.53	6.77	2.23	2.23
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			8.66

COMPUTO DEI VOLUMI					Foglio n. 25			
SCAVO PER BONIFICA 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
R1-BK-1 0.00	R1-BK-2 13.52	R1-BK-1 R1-BK-2 R1-BK-2	P1 P1 P2	3.22 4.15 1.34	13.52 13.52 13.52	6.76 6.76 6.76	21.77 28.05 9.06	58.88
R1-BK-2 13.52	R1-BK-3 27.04	R1-BK-2 R1-BK-2 R1-BK-3 R1-BK-3	P1 P2 P1 P2	4.15 1.34 6.49 1.10	13.52 13.52 13.52 13.52	6.76 6.76 6.76 6.76	28.05 9.06 43.87 7.44	88.42
R1-BK-3 27.04	R1-BK-4 40.57	R1-BK-3 R1-BK-3 R1-BK-4	P1 P2 P1	6.49 1.10 4.81	13.53 13.53 13.53	6.77 6.77 6.77	43.94 7.45 32.56	83.95
R1-BK-4 40.57	R1-BK-5 54.09	R1-BK-4 R1-BK-5	P1 P1	4.81 4.96	13.52 13.52	6.76 6.76	32.52 33.53	66.05
R1-BK-5 54.09	R1-BK-6 61.39	R1-BK-5 R1-BK-6	P1 P1	4.96 5.59	7.30 7.30	3.65 3.65	18.10 20.40	38.50
R1-BK-6 61.39	R1-BK-7 68.70	R1-BK-6 R1-BK-7	P1 P1	5.59 7.53	7.31 7.31	3.66 3.66	20.46 27.56	48.02
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			383.82

COMPUTO DEI VOLUMI					Foglio n. 26			
ANTICIPILLARE 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
R1-BK-1 0.00	R1-BK-2 13.52	R1-BK-1 R1-BK-2	Q1 Q1	2.60 4.71	13.52 13.52	6.76 6.76	17.58 31.84	49.42
R1-BK-2 13.52	R1-BK-3 27.04	R1-BK-2 R1-BK-3	Q1 Q1	4.71 5.93	13.52 13.52	6.76 6.76	31.84 40.09	
R1-BK-3 27.04	R1-BK-4 40.57	R1-BK-3 R1-BK-4	Q1 Q1	5.93 4.20	13.53 13.53	6.77 6.77	40.15 28.43	68.58
R1-BK-4 40.57	R1-BK-5 54.09	R1-BK-4 R1-BK-5	Q1 Q1	4.20 4.34	13.52 13.52	6.76 6.76	28.39 29.34	
R1-BK-5 54.09	R1-BK-6 61.39	R1-BK-5 R1-BK-6	Q1 Q1	4.34 4.51	7.30 7.30	3.65 3.65	15.84 16.46	32.30
R1-BK-6 61.39	R1-BK-7 68.70	R1-BK-6 R1-BK-7	Q1 Q1	4.51 5.87	7.31 7.31	3.66 3.66	16.51 21.48	
								37.99
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			317.95

COMPUTO DEI VOLUMI					Foglio n. 27			
RILEVATO 3								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
R1-BK-1 0.00	R1-BK-2 13.52	R1-BK-1	T1	0.45	13.52	6.76	3.04	11.22
		R1-BK-2	T1	0.49	13.52	6.76	3.31	
		R1-BK-2	T2	0.30	13.52	6.76	2.03	
		R1-BK-2	T3	0.42	13.52	6.76	2.84	
R1-BK-2 13.52	R1-BK-3 27.04	R1-BK-2	T1	0.49	13.52	6.76	3.31	25.75
		R1-BK-2	T2	0.30	13.52	6.76	2.03	
		R1-BK-2	T3	0.42	13.52	6.76	2.84	
		R1-BK-3	T1	2.23	13.52	6.76	15.07	
		R1-BK-3	T2	0.37	13.52	6.76	2.50	
R1-BK-3 27.04	R1-BK-4 40.57	R1-BK-3	T1	2.23	13.53	6.77	15.10	29.72
		R1-BK-3	T2	0.37	13.53	6.77	2.50	
		R1-BK-4	T1	1.79	13.53	6.77	12.12	
R1-BK-4 40.57	R1-BK-5 54.09	R1-BK-4	T1	1.79	13.52	6.76	12.10	24.67
		R1-BK-5	T1	1.86	13.52	6.76	12.57	
R1-BK-5 54.09	R1-BK-6 61.39	R1-BK-5	T1	1.86	7.30	3.65	6.79	14.93
		R1-BK-6	T1	2.23	7.30	3.65	8.14	
R1-BK-6 61.39	R1-BK-7 68.70	R1-BK-6	T1	2.23	7.31	3.66	8.16	19.47
		R1-BK-7	T1	3.09	7.31	3.66	11.31	
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			125.76

COMPUTO DI SUPERFICI					Foglio n. 28			
CONGL. BIT. (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
R1-BK-1 0.00	R1-BK-2 13.52	R1-BK-1 R1-BK-2	a1 a1	6.50 6.78	13.52 13.52	6.76 6.76	43.94 45.83	89.77
R1-BK-2 13.52	R1-BK-3 27.04	R1-BK-2 R1-BK-3	a1 a1	6.78 7.50	13.52 13.52	6.76 6.76	45.83 50.70	96.53
R1-BK-3 27.04	R1-BK-4 40.57	R1-BK-3 R1-BK-4	a1 a1	7.50 8.22	13.53 13.53	6.77 6.77	50.77 55.65	106.42
R1-BK-4 40.57	R1-BK-5 54.09	R1-BK-4 R1-BK-5	a1 a1	8.22 8.50	13.52 13.52	6.76 6.76	55.57 57.46	113.03
R1-BK-5 54.09	R1-BK-6 61.39	R1-BK-5 R1-BK-6	a1 a1	8.50 8.99	7.30 7.30	3.65 3.65	31.02 32.81	63.83
R1-BK-6 61.39	R1-BK-7 68.70	R1-BK-6 R1-BK-7	a1 a1	8.99 12.27	7.31 7.31	3.66 3.66	32.90 44.91	77.81
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			547.39

COMPUTO DI SUPERFICI					Foglio n. 29			
TAPPETO DI 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
R1-BK-1 0.00	R1-BK-2 13.52	R1-BK-1 R1-BK-2	b1 b1	6.50 6.78	13.52 13.52	6.76 6.76	43.94 45.83	89.77
R1-BK-2 13.52	R1-BK-3 27.04	R1-BK-2 R1-BK-3	b1 b1	6.78 7.50	13.52 13.52	6.76 6.76	45.83 50.70	96.53
R1-BK-3 27.04	R1-BK-4 40.57	R1-BK-3 R1-BK-4	b1 b1	7.50 8.22	13.53 13.53	6.77 6.77	50.77 55.65	106.42
R1-BK-4 40.57	R1-BK-5 54.09	R1-BK-4 R1-BK-5	b1 b1	8.22 8.50	13.52 13.52	6.76 6.76	55.57 57.46	113.03
R1-BK-5 54.09	R1-BK-6 61.39	R1-BK-5 R1-BK-6	b1 b1	8.50 8.99	7.30 7.30	3.65 3.65	31.02 32.81	63.83
R1-BK-6 61.39	R1-BK-7 68.70	R1-BK-6 R1-BK-7	b1 b1	8.99 12.27	7.31 7.31	3.66 3.66	32.90 44.91	77.81
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			547.39

COMPUTO DI SUPERFICI					Foglio n. 30			
SCOTICO IN 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
R1-BK-1 0.00	R1-BK-2 13.52	R1-BK-1 R1-BK-2	f1 f1	6.52 12.28	13.52 13.52	6.76 6.76	44.08 83.01	127.09
R1-BK-2 13.52	R1-BK-3 27.04	R1-BK-2 R1-BK-3	f1 f1	12.28 15.52	13.52 13.52	6.76 6.76	83.01 104.92	187.93
R1-BK-3 27.04	R1-BK-4 40.57	R1-BK-3 R1-BK-4	f1 f1	15.52 10.78	13.53 13.53	6.77 6.77	105.07 72.98	178.05
R1-BK-4 40.57	R1-BK-5 54.09	R1-BK-4 R1-BK-5	f1 f1	10.78 11.29	13.52 13.52	6.76 6.76	72.87 76.32	149.19
R1-BK-5 54.09	R1-BK-6 61.39	R1-BK-5 R1-BK-6	f1 f1	11.29 11.69	7.30 7.30	3.65 3.65	41.21 42.67	83.88
R1-BK-6 61.39	R1-BK-7 68.70	R1-BK-6 R1-BK-7	f1 f1	11.69 15.56	7.31 7.31	3.66 3.66	42.79 56.95	99.74
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			825.88

COMPUTO DI SUPERFICI					Foglio n. 31			
GEOTESSILE INF_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
R1-BK-1 0.00	R1-BK-2 13.52	R1-BK-1 R1-BK-2	k1 k1	6.52 12.28	13.52 13.52	6.76 6.76	44.08 83.01	127.09
R1-BK-2 13.52	R1-BK-3 27.04	R1-BK-2 R1-BK-3	k1 k1	12.28 15.52	13.52 13.52	6.76 6.76	83.01 104.92	187.93
R1-BK-3 27.04	R1-BK-4 40.57	R1-BK-3 R1-BK-4	k1 k1	15.52 10.78	13.53 13.53	6.77 6.77	105.07 72.98	178.05
R1-BK-4 40.57	R1-BK-5 54.09	R1-BK-4 R1-BK-5	k1 k1	10.78 11.29	13.52 13.52	6.76 6.76	72.87 76.32	149.19
R1-BK-5 54.09	R1-BK-6 61.39	R1-BK-5 R1-BK-6	k1 k1	11.29 11.69	7.30 7.30	3.65 3.65	41.21 42.67	83.88
R1-BK-6 61.39	R1-BK-7 68.70	R1-BK-6 R1-BK-7	k1 k1	11.69 15.56	7.31 7.31	3.66 3.66	42.79 56.95	99.74
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			825.88

COMPUTO DI SUPERFICI					Foglio n. 32			
GEOTESSILE SUP_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
R1-BK-1 0.00	R1-BK-2 13.52	R1-BK-1 R1-BK-2	11 11	6.52 12.28	13.52 13.52	6.76 6.76	44.08 83.01	127.09
R1-BK-2 13.52	R1-BK-3 27.04	R1-BK-2 R1-BK-3	11 11	12.28 15.52	13.52 13.52	6.76 6.76	83.01 104.92	187.93
R1-BK-3 27.04	R1-BK-4 40.57	R1-BK-3 R1-BK-4	11 11	15.52 10.78	13.53 13.53	6.77 6.77	105.07 72.98	178.05
R1-BK-4 40.57	R1-BK-5 54.09	R1-BK-4 R1-BK-5	11 11	10.78 11.29	13.52 13.52	6.76 6.76	72.87 76.32	149.19
R1-BK-5 54.09	R1-BK-6 61.39	R1-BK-5 R1-BK-6	11 11	11.29 11.69	7.30 7.30	3.65 3.65	41.21 42.67	83.88
R1-BK-6 61.39	R1-BK-7 68.70	R1-BK-6 R1-BK-7	11 11	11.69 15.56	7.31 7.31	3.66 3.66	42.79 56.95	99.74
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			825.88

COMPUTO DEI VOLUMI		Foglio n. 33	
Volume dalla sezione R1-BK-1 alla sezione R1-BK-7			
ARTICOLO			VOLUME
SCAVO	mc		296.88
FONDAZIONE IN MISTO GRANULARE	mc		171.98
TERRENO VEGETALE	mc		69.10
MISTO GRANULARE COMPATTATO	mc		8.66
SCAVO PER BONIFICA IN TRINCEA	mc		383.82
ANTICAPILLARE TRINCEA	mc		317.95
RILEVATO 3	mc		125.76
CONGL. BIT. (Binder)	mq		547.39
TAPPETO DI USURA	mq		547.39
SCOTICO IN TRINCEA	mq		825.88
GEOTESSILE INF_TRINCEA	mq		825.88
GEOTESSILE SUP_TRINCEA	mq		825.88

		CALCOLO DELLE AREE	Foglio n. 1		
SCAVO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R2-BK-1 0.00	A1	(-2.11--5.41)x(215.86+216.78)/2 (2.04--2.11)x(215.58+215.86)/2 (2.07-2.04)x(215.58+215.58)/2 (2.09-2.07)x(215.58+215.58)/2 (2.22-2.09)x(215.54+215.58)/2 (2.92-2.22)x(215.35+215.54)/2 (2.81-2.92)x(215.35+215.35)/2 (2.00-2.81)x(215.37+215.35)/2 (-0.00-2.00)x(215.42+215.37)/2 (-2.00--0.00)x(215.37+215.42)/2 (-3.35--2.00)x(215.37+215.37)/2 (-3.91--3.35)x(215.78+215.78)/2 (-5.41--3.91)x(216.78+215.78)/2	713.86 895.24 6.47 4.31 28.02 150.81 -23.69 -174.44 -430.79 -430.79 -290.75 -120.84 -324.42		
R2-BK-2 7.53	A1	(-1.99--7.01)x(214.69+216.43)/2 (-0.42--1.99)x(214.62+214.69)/2 (1.97--0.42)x(214.47+214.62)/2 (3.43-1.97)x(214.28+214.47)/2 (2.08-3.43)x(214.01+214.01)/2 (-0.00-2.08)x(214.06+214.01)/2 (-2.08--0.00)x(214.01+214.06)/2 (-3.43--2.08)x(214.01+214.01)/2 (-3.99--3.43)x(214.42+214.42)/2 (-7.01--3.99)x(216.43+214.42)/2	1082.11 337.01 512.76 312.99 -288.91 -445.19 -445.19 -288.91 -120.08 -650.58	2.99	
R2-BK-3 15.05	A1	(-5.61--8.59)x(214.84+215.94)/2 (-2.10--5.61)x(213.62+214.84)/2 (-0.06--2.10)x(213.52+213.62)/2 (2.47--0.06)x(213.32+213.52)/2 (3.62-2.47)x(212.92+213.32)/2 (2.27-3.62)x(212.59+212.59)/2 (0.00-2.27)x(212.64+212.59)/2 (-2.27-0.00)x(212.59+212.64)/2 (-3.62--2.27)x(212.59+212.59)/2 (-4.18--3.62)x(213.00+213.00)/2 (-8.59--4.18)x(215.94+213.00)/2	641.86 751.95 435.68 539.95 245.09 -287.00 -482.64 -482.64 -287.00 -119.28 -945.81	6.01	
R2-BK-4 21.85	A1	(-7.04--8.57)x(214.03+214.57)/2 (-2.48--7.04)x(212.57+214.03)/2 (-2.29--2.48)x(212.58+212.57)/2 (1.39--2.29)x(212.46+212.58)/2 (2.08-1.39)x(212.46+212.46)/2 (3.45-2.08)x(212.44+212.46)/2 (3.73-3.45)x(212.39+212.44)/2 (4.87-3.73)x(212.10+212.39)/2 (4.35-4.87)x(211.75+212.10)/2 (3.79-4.35)x(211.75+211.75)/2 (2.44-3.79)x(211.34+211.34)/2 (-0.00-2.44)x(211.41+211.34)/2 (-2.44--0.00)x(211.34+211.41)/2 (-3.79--2.44)x(211.34+211.34)/2 (-4.35--3.79)x(211.75+211.75)/2 (-8.57--4.35)x(214.57+211.75)/2	327.88 972.65 40.39 782.07 146.60 291.06 59.48 241.96 -110.20 -118.58 -285.31 -515.76 -515.76 -285.31 -118.58 -899.54	10.16	
R2-BK-5 28.66	A1	(-5.01--6.46)x(211.46+211.90)/2 (-2.57--5.01)x(211.48+211.46)/2 (2.76--2.57)x(211.29+211.48)/2 (2.87-2.76)x(211.27+211.29)/2 (3.21-2.87)x(211.37+211.27)/2 (5.18-3.21)x(211.08+211.37)/2 (3.83-5.18)x(210.77+210.77)/2 (0.00-3.83)x(210.86+210.77)/2 (-3.47-0.00)x(210.78+210.86)/2 (-4.82--3.47)x(210.78+210.78)/2 (-5.38--4.82)x(211.19+211.19)/2 (-6.46--5.38)x(211.90+211.19)/2	306.94 515.99 1126.68 23.24 71.85 416.11 -284.54 -807.42 -731.55 -284.55 -118.27 -228.47	13.05	
R2-BK-6 28.86	A1	(-5.12--6.56)x(211.43+211.88)/2 (-3.03--5.12)x(211.45+211.43)/2 (2.88--3.03)x(211.24+211.45)/2	304.78 441.91 1249.05	6.01	
A RIPORTARE mq			1995.74		

		CALCOLO DELLE AREE		Foglio n. 2	
SCAVO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			1995.74		
		$(2.96-2.88) \times (211.22+211.24) / 2$ $(3.20-2.96) \times (211.30+211.22) / 2$ $(5.29-3.20) \times (210.99+211.30) / 2$ $(3.94-5.29) \times (210.76+210.76) / 2$ $(0.00-3.94) \times (210.86+210.76) / 2$ $(-3.61-0.00) \times (210.77+210.86) / 2$ $(-4.96--3.61) \times (210.77+210.77) / 2$ $(-5.52--4.96) \times (211.18+211.18) / 2$ $(-6.56--5.52) \times (211.88+211.18) / 2$	16.90 50.70 441.29 -284.53 -830.59 -761.04 -284.54 -118.26 -219.99	5.68	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE		Foglio n. 3	
FONDAZIONE IN MISTO GRANULARE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R2-BK-1 0.00	F1	$(-2.00--3.35) \times (215.47+215.47) / 2$ $(-3.35--2.00) \times (215.37+215.37) / 2$	290.88 -290.75	0.13	
R2-BK-1 0.00	F2	$(-0.00--2.00) \times (215.72+215.67) / 2$ $(2.00--0.00) \times (215.67+215.72) / 2$ $(2.20-2.00) \times (215.67+215.67) / 2$ $(2.50-2.20) \times (215.66+215.67) / 2$ $(2.81-2.50) \times (215.35+215.66) / 2$ $(2.00-2.81) \times (215.37+215.35) / 2$ $(-0.00-2.00) \times (215.42+215.37) / 2$ $(-2.00--0.00) \times (215.47+215.42) / 2$	431.39 431.39 43.13 64.70 66.81 -174.44 -430.79 -430.89		
R2-BK-2 7.53	F1	$(-2.08--3.43) \times (214.11+214.11) / 2$ $(-0.00--2.08) \times (214.36+214.31) / 2$ $(2.08--0.00) \times (214.31+214.36) / 2$ $(3.43-2.08) \times (214.11+214.11) / 2$ $(2.08-3.43) \times (214.01+214.01) / 2$ $(-0.00-2.08) \times (214.06+214.01) / 2$ $(-2.08--0.00) \times (214.01+214.06) / 2$ $(-3.43--2.08) \times (214.01+214.01) / 2$	289.05 445.82 445.82 289.05 -288.91 -445.19 -445.19 -288.91	1.30	
R2-BK-3 15.05	F1	$(-2.27--3.62) \times (212.69+212.69) / 2$ $(-3.62--2.27) \times (212.59+212.59) / 2$	287.13 -287.00	1.54	
R2-BK-3 15.05	F2	$(0.00--2.27) \times (212.94+212.89) / 2$ $(2.27-0.00) \times (212.89+212.94) / 2$ $(0.00-2.27) \times (212.64+212.69) / 2$ $(-2.27-0.00) \times (212.69+212.64) / 2$	483.32 483.32 -482.75 -482.75	0.13	
R2-BK-3 15.05	F3	$(3.62-2.27) \times (212.69+212.69) / 2$ $(2.27-3.62) \times (212.59+212.59) / 2$	287.13 -287.00	1.14	
R2-BK-4 21.85	F1	$(-2.44--3.79) \times (211.44+211.44) / 2$ $(-3.79--2.44) \times (211.34+211.34) / 2$	285.44 -285.31	0.13	
R2-BK-4 21.85	F2	$(-0.00--2.44) \times (211.71+211.64) / 2$ $(2.44--0.00) \times (211.64+211.71) / 2$ $(3.79-2.44) \times (211.44+211.44) / 2$ $(2.44-3.79) \times (211.34+211.34) / 2$ $(-0.00-2.44) \times (211.41+211.34) / 2$ $(-2.44--0.00) \times (211.44+211.41) / 2$	516.49 516.49 285.44 -285.31 -515.76 -515.88	0.13	
R2-BK-5 28.66	F1	$(-3.47--4.82) \times (210.88+210.88) / 2$ $(-4.82--3.47) \times (210.78+210.78) / 2$	284.69 -284.55	1.47	
R2-BK-5 28.66	F2	$(0.00--3.47) \times (211.16+211.08) / 2$ $(3.83-0.00) \times (211.07+211.16) / 2$ $(0.00-3.83) \times (210.86+210.87) / 2$ $(-3.47-0.00) \times (210.88+210.86) / 2$	732.59 808.57 -807.61 -731.72	0.14	
R2-BK-5 28.66	F3	$(5.18-3.83) \times (210.87+210.87) / 2$ $(3.83-5.18) \times (210.77+210.77) / 2$	284.67 -284.54	1.83	
R2-BK-6 28.86	F1	$(-3.61--4.96) \times (210.87+210.87) / 2$ $(-4.96--3.61) \times (210.77+210.77) / 2$	284.67 -284.54	0.13	
R2-BK-6 28.86	F2	$(0.00--3.61) \times (211.16+211.07) / 2$ $(3.94-0.00) \times (211.06+211.16) / 2$ $(5.29-3.94) \times (210.86+210.86) / 2$ $(3.94-5.29) \times (210.76+210.76) / 2$ $(0.00-3.94) \times (210.86+210.76) / 2$ $(-3.61-0.00) \times (210.87+210.86) / 2$	762.13 831.77 284.66 -284.53 -830.59 -761.22	0.13	2.22
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 4		
TERRENO VEGETALE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R2-BK-1 0.00	I1	(-5.00--5.93) x (216.87+217.12) / 2 (-3.85--5.00) x (216.10+216.87) / 2 (-3.35--3.85) x (216.08+216.10) / 2 (-3.91--3.35) x (215.78+215.78) / 2 (-5.93--3.91) x (217.12+215.78) / 2	201.81 248.96 108.05 -120.84 -437.23		
R2-BK-1 0.00	I2	(3.45-4.05) x (215.40+215.24) / 2 (2.58-3.45) x (215.85+215.40) / 2 (2.15-2.58) x (215.87+215.85) / 2 (3.00-2.15) x (215.94+215.97) / 2 (4.05-3.00) x (215.24+215.94) / 2	-129.19 -187.59 -92.82 183.56 226.37	0.75	
R2-BK-2 7.53	I1	(-6.51--7.63) x (216.46+216.85) / 2 (-3.93--6.51) x (214.74+216.46) / 2 (-3.43--3.93) x (214.72+214.74) / 2 (-3.99--3.43) x (214.42+214.42) / 2 (-7.63--3.99) x (216.85+214.42) / 2	242.65 556.25 107.37 -120.08 -784.91	0.33	
R2-BK-2 7.53	I2	(4.54-3.87) x (214.33+214.42) / 2 (3.93-4.54) x (214.74+214.33) / 2 (3.43-3.93) x (214.72+214.74) / 2 (3.87-3.43) x (214.42+214.42) / 2	143.63 -130.87 -107.37 94.34	1.28	
R2-BK-3 15.05	I1	(-8.06--9.26) x (215.94+216.38) / 2 (-4.12--8.06) x (213.32+215.94) / 2 (-3.62--4.12) x (213.30+213.32) / 2 (-4.18--3.62) x (213.00+213.00) / 2 (-9.26--4.18) x (216.38+213.00) / 2	259.39 845.64 106.66 -119.28 -1090.63	0.27	
R2-BK-3 15.05	I2	(5.30-4.16) x (212.53+212.93) / 2 (4.12-5.30) x (213.32+212.53) / 2 (3.62-4.12) x (213.30+213.32) / 2 (4.06-3.62) x (213.00+213.00) / 2 (4.16-4.06) x (212.93+213.00) / 2	242.51 -251.25 -106.66 93.72 21.30	1.78	
R2-BK-4 21.85	I1	(-8.06--9.22) x (214.59+215.00) / 2 (-4.29--8.06) x (212.07+214.59) / 2 (-3.79--4.29) x (212.05+212.07) / 2 (-4.35--3.79) x (211.75+211.75) / 2 (-9.22--4.35) x (215.00+211.75) / 2	249.16 804.25 106.03 -118.58 -1039.14	0.38	
R2-BK-4 21.85	I2	(4.69-5.09) x (212.35+212.25) / 2 (4.29-4.69) x (212.07+212.35) / 2 (3.79-4.29) x (212.05+212.07) / 2 (4.35-3.79) x (211.75+211.75) / 2 (5.09-4.35) x (212.25+211.75) / 2	-84.92 -84.88 -106.03 118.58 156.88	1.72	
R2-BK-5 28.66	I1	(-6.01--7.01) x (211.97+212.27) / 2 (-5.32--6.01) x (211.51+211.97) / 2 (-4.82--5.32) x (211.49+211.51) / 2 (-5.38--4.82) x (211.19+211.19) / 2 (-7.01--5.38) x (212.27+211.19) / 2	212.12 146.10 105.75 -118.27 -345.12	0.37	
R2-BK-5 28.66	I2	(6.19-5.62) x (211.15+211.17) / 2 (5.68-6.19) x (211.50+211.15) / 2 (5.18-5.68) x (211.48+211.50) / 2 (5.62-5.18) x (211.18+211.18) / 2	120.36 -107.78 -105.75 92.92	0.58	
R2-BK-6 28.86	I1	(-6.12--7.12) x (211.94+212.24) / 2 (-5.46--6.12) x (211.50+211.94) / 2 (-4.96--5.46) x (211.48+211.50) / 2 (-5.52--4.96) x (211.18+211.18) / 2 (-7.12--5.52) x (212.24+211.18) / 2	212.09 139.74 105.75 -118.26 -338.74	0.25	
R2-BK-6 28.86	I2	(6.29-5.80) x (211.16+211.13) / 2 (5.79-6.29) x (211.49+211.16) / 2 (5.29-5.79) x (211.47+211.49) / 2 (5.73-5.29) x (211.17+211.17) / 2 (5.80-5.73) x (211.13+211.17) / 2	103.46 -105.66 -105.74 92.91 14.78	0.58	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 5		
MISTO GRANULARE COMPATTATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R2-BK-1 0.00	L1	$(2.81-3.36) \times (215.35+215.34) / 2$ $(2.50-2.81) \times (215.66+215.35) / 2$ $(2.20-2.50) \times (215.67+215.66) / 2$ $(2.15-2.20) \times (215.72+215.72) / 2$ $(2.58-2.15) \times (215.85+215.87) / 2$ $(3.36-2.58) \times (215.34+215.85) / 2$	-118.44 -66.81 -64.70 -10.79 92.82 168.16	0.24	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE				Foglio n. 6
SCAVO PER BONIFICA IN TRINCEA						
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE	
R2-BK-1 0.00	P1	$(-3.91--5.93) \times (215.78+217.12) / 2$ $(-3.35--3.91) \times (215.78+215.78) / 2$ $(-5.93--3.35) \times (216.12+215.41) / 2$	437.23 120.84 -556.67			
R2-BK-1 0.00	P2	$(-2.00--3.22) \times (215.37+215.37) / 2$ $(-0.00--2.00) \times (215.42+215.37) / 2$ $(2.00--0.00) \times (215.37+215.42) / 2$ $(2.81-2.00) \times (215.35+215.37) / 2$ $(3.36-2.81) \times (215.34+215.35) / 2$ $(3.45-3.36) \times (214.40+215.34) / 2$ $(2.22-3.45) \times (214.74+214.40) / 2$ $(2.09-2.22) \times (214.78+214.74) / 2$ $(2.07-2.09) \times (214.78+214.78) / 2$ $(2.04-2.07) \times (214.78+214.78) / 2$ $(-2.11-2.04) \times (215.06+214.78) / 2$ $(-3.22--2.11) \times (215.37+215.06) / 2$	262.75 430.79 430.79 174.44 118.44 19.34 -263.92 -27.92 -4.30 -6.44 -891.92 -238.89	1.40		
R2-BK-5 28.66	P1	$(-5.38--7.01) \times (211.19+212.27) / 2$ $(-4.82--5.38) \times (211.19+211.19) / 2$ $(-3.47--4.82) \times (210.78+210.78) / 2$ $(0.00--3.47) \times (210.86+210.78) / 2$ $(3.83-0.00) \times (210.77+210.86) / 2$ $(5.18-3.83) \times (210.77+210.77) / 2$ $(5.60-5.18) \times (211.18+211.18) / 2$ $(5.54-5.60) \times (210.19+210.18) / 2$ $(5.23-5.54) \times (210.27+210.19) / 2$ $(3.21-5.23) \times (210.57+210.27) / 2$ $(2.87-3.21) \times (210.47+210.57) / 2$ $(2.76-2.87) \times (210.49+210.47) / 2$ $(-2.57-2.76) \times (210.68+210.49) / 2$ $(-5.01--2.57) \times (210.66+210.68) / 2$ $(-7.01--5.01) \times (211.27+210.66) / 2$	345.12 118.27 284.55 731.55 807.42 284.54 88.70 -12.61 -65.17 -425.05 -71.58 -23.15 -1122.42 -514.03 -421.93	3.16		
R2-BK-6 28.86	P1	$(-5.52--7.12) \times (211.18+212.24) / 2$ $(-4.96--5.52) \times (211.18+211.18) / 2$ $(-3.61--4.96) \times (210.77+210.77) / 2$ $(0.00--3.61) \times (210.86+210.77) / 2$ $(3.94-0.00) \times (210.76+210.86) / 2$ $(5.29-3.94) \times (210.76+210.76) / 2$ $(5.40-5.29) \times (211.17+211.17) / 2$ $(3.20-5.40) \times (210.50+210.17) / 2$ $(2.96-3.20) \times (210.42+210.50) / 2$ $(2.88-2.96) \times (210.44+210.42) / 2$ $(-3.03-2.88) \times (210.65+210.44) / 2$ $(-5.12--3.03) \times (210.63+210.65) / 2$ $(-7.12--5.12) \times (211.24+210.63) / 2$	338.74 118.26 284.54 761.04 830.59 284.53 23.23 -462.74 -50.51 -16.83 -1244.32 -440.24 -421.87	4.21 4.42		
Il Direttore dei Lavori		L'Impresa				

		CALCOLO DELLE AREE		Foglio n. 7	
ANTICIPILLARE TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R2-BK-1 0.00	Q1	$(-2.11--5.93) \times (215.46+216.52) / 2$ $(2.04--2.11) \times (215.18+215.46) / 2$ $(2.07-2.04) \times (215.18+215.18) / 2$ $(2.09-2.07) \times (215.18+215.18) / 2$ $(2.22-2.09) \times (215.14+215.18) / 2$ $(3.45-2.22) \times (214.80+215.14) / 2$ $(2.22-3.45) \times (214.74+214.40) / 2$ $(2.09-2.22) \times (214.78+214.74) / 2$ $(2.07-2.09) \times (214.78+214.78) / 2$ $(2.04-2.07) \times (214.78+214.78) / 2$ $(-2.11-2.04) \times (215.06+214.78) / 2$ $(-5.93--2.11) \times (216.12+215.06) / 2$	825.08 893.58 6.46 4.30 27.97 264.41 -263.92 -27.92 -4.30 -6.44 -891.92 -823.55	3.75	
R2-BK-5 28.66	Q1	$(-5.01--7.01) \times (211.06+211.67) / 2$ $(-2.57--5.01) \times (211.08+211.06) / 2$ $(2.76--2.57) \times (210.89+211.08) / 2$ $(2.87-2.76) \times (210.87+210.89) / 2$ $(3.21-2.87) \times (210.97+210.87) / 2$ $(5.23-3.21) \times (210.67+210.97) / 2$ $(5.54-5.23) \times (210.59+210.67) / 2$ $(5.60-5.54) \times (210.58+210.59) / 2$ $(5.54-5.60) \times (210.19+210.18) / 2$ $(5.23-5.54) \times (210.27+210.19) / 2$ $(3.21-5.23) \times (210.57+210.27) / 2$ $(2.87-3.21) \times (210.47+210.57) / 2$ $(2.76-2.87) \times (210.49+210.47) / 2$ $(-2.57-2.76) \times (210.68+210.49) / 2$ $(-5.01--2.57) \times (210.66+210.68) / 2$ $(-7.01--5.01) \times (211.27+210.66) / 2$	422.73 515.01 1124.55 23.20 71.71 425.86 65.30 12.64 -12.61 -65.17 -425.05 -71.58 -23.15 -1122.42 -514.03 -421.93	5.06	
R2-BK-6 28.86	Q1	$(-5.12--7.12) \times (211.03+211.64) / 2$ $(-3.03--5.12) \times (211.05+211.03) / 2$ $(2.88--3.03) \times (210.84+211.05) / 2$ $(2.96-2.88) \times (210.82+210.84) / 2$ $(3.20-2.96) \times (210.90+210.82) / 2$ $(5.40-3.20) \times (210.57+210.90) / 2$ $(3.20-5.40) \times (210.50+210.17) / 2$ $(2.96-3.20) \times (210.42+210.50) / 2$ $(2.88-2.96) \times (210.44+210.42) / 2$ $(-3.03-2.88) \times (210.65+210.44) / 2$ $(-5.12--3.03) \times (210.63+210.65) / 2$ $(-7.12--5.12) \times (211.24+210.63) / 2$	422.67 441.07 1246.68 16.87 50.61 463.62 -462.74 -50.51 -16.83 -1244.32 -440.24 -421.87	5.01	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE		Foglio n. 8	
RILEVATO 3					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
R2-BK-1 0.00	T1	$(-4.38--5.93) \times (216.10+217.12) / 2$ $(-5.93--4.38) \times (216.52+216.10) / 2$	335.75 -335.28	0.47	
R2-BK-1 0.00	T2	$(-0.00--1.08) \times (215.42+215.39) / 2$ $(2.00--0.00) \times (215.37+215.42) / 2$ $(2.81-2.00) \times (215.35+215.37) / 2$ $(3.36-2.81) \times (215.34+215.35) / 2$ $(3.45-3.36) \times (214.80+215.34) / 2$ $(2.22-3.45) \times (215.14+214.80) / 2$ $(2.09-2.22) \times (215.18+215.14) / 2$ $(2.07-2.09) \times (215.18+215.18) / 2$ $(2.04-2.07) \times (215.18+215.18) / 2$ $(-1.08-2.04) \times (215.39+215.18) / 2$	232.64 430.79 174.44 118.44 19.36 -264.41 -27.97 -4.30 -6.46 -671.69	0.84	
R2-BK-5 28.66	T1	$(-5.35--7.01) \times (211.17+212.27) / 2$ $(-7.01--5.35) \times (211.67+211.17) / 2$	351.46 -350.96	0.50	
R2-BK-5 28.66	T2	$(5.60-5.18) \times (211.18+211.18) / 2$ $(5.54-5.60) \times (210.59+210.58) / 2$ $(5.18-5.54) \times (210.77+210.59) / 2$	88.70 -12.64 -75.84	0.22	
R2-BK-6 28.86	T1	$(-5.52--7.12) \times (211.18+212.24) / 2$ $(-4.96--5.52) \times (211.18+211.18) / 2$ $(-5.12--4.96) \times (211.03+211.03) / 2$ $(-7.12--5.12) \times (211.64+211.03) / 2$	338.74 118.26 -33.76 -422.67	0.57	
R2-BK-6 28.86	T2	$(5.29-4.11) \times (210.76+210.76) / 2$ $(5.40-5.29) \times (211.17+211.17) / 2$ $(4.11-5.40) \times (210.76+210.57) / 2$	248.70 23.23 -271.76	0.17	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE			Foglio n. 9
CONGL. BIT. (Binder)					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
R2-BK-1 0.00	a1	$^1((-0.00--2.00)^2+(215.88-215.83)^2)$ $^1((2.00--0.00)^2+(215.83-215.88)^2)$	2.00 2.00	4.00	
R2-BK-2 7.53	a1	$^1((-0.00--2.08)^2+(214.52-214.47)^2)$ $^1((2.08--0.00)^2+(214.47-214.52)^2)$	2.08 2.08	4.16	
R2-BK-3 15.05	a1	$^1((0.00--2.27)^2+(213.10-213.05)^2)$ $^1((2.27-0.00)^2+(213.05-213.10)^2)$	2.27 2.27	4.54	
R2-BK-4 21.85	a1	$^1((-0.00--2.44)^2+(211.87-211.80)^2)$ $^1((2.44--0.00)^2+(211.80-211.87)^2)$	2.44 2.44	4.88	
R2-BK-5 28.66	a1	$^1((0.00--3.47)^2+(211.32-211.24)^2)$ $^1((3.83-0.00)^2+(211.23-211.32)^2)$	3.47 3.83	7.30	
R2-BK-6 28.86	a1	$^1((0.00--3.61)^2+(211.32-211.23)^2)$ $^1((3.94-0.00)^2+(211.22-211.32)^2)$	3.61 3.94	7.55	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 10		
TAPPETO DI USURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
R2-BK-1 0.00	b1	$^1((-0.00--2.00)^2+(215.92-215.87)^2)$ $^1((2.00--0.00)^2+(215.87-215.92)^2)$	2.00 2.00	4.00	
R2-BK-2 7.53	b1	$^1((-2.00--2.08)^2+(214.51-214.51)^2)$ $^1((-0.00--2.00)^2+(214.56-214.51)^2)$ $^1((2.00--0.00)^2+(214.51-214.56)^2)$ $^1((2.08-2.00)^2+(214.51-214.51)^2)$	0.08 2.00 2.00 0.08	4.16	
R2-BK-3 15.05	b1	$^1((-2.00--2.27)^2+(213.09-213.09)^2)$ $^1((0.00--2.00)^2+(213.14-213.09)^2)$ $^1((2.00-0.00)^2+(213.09-213.14)^2)$ $^1((2.27-2.00)^2+(213.09-213.09)^2)$	0.27 2.00 2.00 0.27	4.54	
R2-BK-4 21.85	b1	$^1((-2.00--2.44)^2+(211.86-211.84)^2)$ $^1((-0.00--2.00)^2+(211.91-211.86)^2)$ $^1((2.00--0.00)^2+(211.86-211.91)^2)$ $^1((2.44-2.00)^2+(211.84-211.86)^2)$	0.44 2.00 2.00 0.44	4.88	
R2-BK-5 28.66	b1	$^1((-2.59--3.47)^2+(211.30-211.28)^2)$ $^1((0.00--2.59)^2+(211.36-211.30)^2)$ $^1((2.91-0.00)^2+(211.29-211.36)^2)$ $^1((3.83-2.91)^2+(211.27-211.29)^2)$	0.88 2.59 2.91 0.92	7.30	
R2-BK-6 28.86	b1	$^1((-2.69--3.61)^2+(211.29-211.27)^2)$ $^1((0.00--2.69)^2+(211.36-211.29)^2)$ $^1((3.00-0.00)^2+(211.28-211.36)^2)$ $^1((3.94-3.00)^2+(211.26-211.28)^2)$	0.92 2.69 3.00 0.94	7.55	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 11		
SCOTICO IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
R2-BK-1 0.00	f1	$^1((-2.11--5.93)^2+(215.86-216.92)^2)$ $^1((2.04--2.11)^2+(215.58-215.86)^2)$ $^1((2.07-2.04)^2+(215.58-215.58)^2)$ $^1((2.09-2.07)^2+(215.58-215.58)^2)$ $^1((2.22-2.09)^2+(215.54-215.58)^2)$ $^1((3.45-2.22)^2+(215.20-215.54)^2)$	3.96 4.16 0.03 0.02 0.14 1.28	9.59	
R2-BK-2 7.53	f1	$^1((-1.99--7.63)^2+(214.69-216.65)^2)$ $^1((-0.42--1.99)^2+(214.62-214.69)^2)$ $^1((1.97--0.42)^2+(214.47-214.62)^2)$ $^1((3.86-1.97)^2+(214.22-214.47)^2)$	5.97 1.57 2.39 1.91	11.84	
R2-BK-3 15.05	f1	$^1((-5.61--9.26)^2+(214.84-216.18)^2)$ $^1((-2.10--5.61)^2+(213.62-214.84)^2)$ $^1((-0.06--2.10)^2+(213.52-213.62)^2)$ $^1((2.47--0.06)^2+(213.32-213.52)^2)$ $^1((3.97-2.47)^2+(212.80-213.32)^2)$	3.89 3.72 2.04 2.54 1.59	13.78	
R2-BK-4 21.85	f1	$^1((-7.04--9.22)^2+(214.03-214.80)^2)$ $^1((-2.48--7.04)^2+(212.57-214.03)^2)$ $^1((-2.29--2.48)^2+(212.58-212.57)^2)$ $^1((1.39--2.29)^2+(212.46-212.58)^2)$ $^1((2.08-1.39)^2+(212.46-212.46)^2)$ $^1((3.45-2.08)^2+(212.44-212.46)^2)$ $^1((3.73-3.45)^2+(212.39-212.44)^2)$ $^1((4.85-3.73)^2+(212.10-212.39)^2)$ $^1((4.91-4.85)^2+(212.09-212.10)^2)$ $^1((5.09-4.91)^2+(212.05-212.09)^2)$	2.31 4.79 0.19 3.68 0.69 1.37 0.28 1.16 0.06 0.18	14.71	
R2-BK-5 28.66	f1	$^1((-5.01--7.01)^2+(211.46-212.07)^2)$ $^1((-2.57--5.01)^2+(211.48-211.46)^2)$ $^1((2.76--2.57)^2+(211.29-211.48)^2)$ $^1((2.87-2.76)^2+(211.27-211.29)^2)$ $^1((3.21-2.87)^2+(211.37-211.27)^2)$ $^1((5.23-3.21)^2+(211.07-211.37)^2)$ $^1((5.54-5.23)^2+(210.99-211.07)^2)$ $^1((5.60-5.54)^2+(210.98-210.99)^2)$	2.09 2.44 5.33 0.11 0.35 2.04 0.32 0.06	12.74	
R2-BK-6 28.86	f1	$^1((-5.12--7.12)^2+(211.43-212.04)^2)$ $^1((-3.03--5.12)^2+(211.45-211.43)^2)$ $^1((2.88--3.03)^2+(211.24-211.45)^2)$ $^1((2.96-2.88)^2+(211.22-211.24)^2)$ $^1((3.20-2.96)^2+(211.30-211.22)^2)$ $^1((5.40-3.20)^2+(210.97-211.30)^2)$	2.09 2.09 5.91 0.08 0.25 2.22	12.64	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 12		
GEOTESSILE INF_TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
R2-BK-1 0.00	k1	$^1 ((-2.11--5.93)^2 + (215.06-216.12)^2)$	3.96	9.59	
		$^1 ((2.04--2.11)^2 + (214.78-215.06)^2)$	4.16		
		$^1 ((2.07-2.04)^2 + (214.78-214.78)^2)$	0.03		
		$^1 ((2.09-2.07)^2 + (214.78-214.78)^2)$	0.02		
		$^1 ((2.22-2.09)^2 + (214.74-214.78)^2)$	0.14		
		$^1 ((3.45-2.22)^2 + (214.40-214.74)^2)$	1.28		
R2-BK-5 28.66	k1	$^1 ((-5.01--7.01)^2 + (210.66-211.27)^2)$	2.09	12.74	
		$^1 ((-2.57--5.01)^2 + (210.68-210.66)^2)$	2.44		
		$^1 ((2.76--2.57)^2 + (210.49-210.68)^2)$	5.33		
		$^1 ((2.87-2.76)^2 + (210.47-210.49)^2)$	0.11		
		$^1 ((3.21-2.87)^2 + (210.57-210.47)^2)$	0.35		
		$^1 ((5.23-3.21)^2 + (210.27-210.57)^2)$	2.04		
		$^1 ((5.54-5.23)^2 + (210.19-210.27)^2)$	0.32		
$^1 ((5.60-5.54)^2 + (210.18-210.19)^2)$	0.06				
R2-BK-6 28.86	k1	$^1 ((-5.12--7.12)^2 + (210.63-211.24)^2)$	2.09	12.64	
		$^1 ((-3.03--5.12)^2 + (210.65-210.63)^2)$	2.09		
		$^1 ((2.88--3.03)^2 + (210.44-210.65)^2)$	5.91		
		$^1 ((2.96-2.88)^2 + (210.42-210.44)^2)$	0.08		
		$^1 ((3.20-2.96)^2 + (210.50-210.42)^2)$	0.25		
		$^1 ((5.40-3.20)^2 + (210.17-210.50)^2)$	2.22		
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 13		
GEOTESSILE SUP_TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
R2-BK-1 0.00	11	$^1((-2.11--5.93)^2+(215.46-216.52)^2)$ $^1((2.04--2.11)^2+(215.18-215.46)^2)$ $^1((2.07-2.04)^2+(215.18-215.18)^2)$ $^1((2.09-2.07)^2+(215.18-215.18)^2)$ $^1((2.22-2.09)^2+(215.14-215.18)^2)$ $^1((3.45-2.22)^2+(214.80-215.14)^2)$	3.96 4.16 0.03 0.02 0.14 1.28	9.59	
R2-BK-5 28.66	11	$^1((-5.01--7.01)^2+(211.06-211.67)^2)$ $^1((-2.57--5.01)^2+(211.08-211.06)^2)$ $^1((2.76--2.57)^2+(210.89-211.08)^2)$ $^1((2.87-2.76)^2+(210.87-210.89)^2)$ $^1((3.21-2.87)^2+(210.97-210.87)^2)$ $^1((5.23-3.21)^2+(210.67-210.97)^2)$ $^1((5.54-5.23)^2+(210.59-210.67)^2)$ $^1((5.60-5.54)^2+(210.58-210.59)^2)$	2.09 2.44 5.33 0.11 0.35 2.04 0.32 0.06	12.74	
R2-BK-6 28.86	11	$^1((-5.12--7.12)^2+(211.03-211.64)^2)$ $^1((-3.03--5.12)^2+(211.05-211.03)^2)$ $^1((2.88--3.03)^2+(210.84-211.05)^2)$ $^1((2.96-2.88)^2+(210.82-210.84)^2)$ $^1((3.20-2.96)^2+(210.90-210.82)^2)$ $^1((5.40-3.20)^2+(210.57-210.90)^2)$	2.09 2.09 5.91 0.08 0.25 2.22	12.64	
Il Direttore dei Lavori		L'Impresa			

COMPUTO DEI VOLUMI					Foglio n. 14			
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
R2-BK-1 0.00	R2-BK-2 7.53	R2-BK-1 R2-BK-2	A1 A1	2.99 6.01	7.53 7.53	3.77 3.77	11.27 22.66	33.93
R2-BK-2 7.53	R2-BK-3 15.05	R2-BK-2 R2-BK-3	A1 A1	6.01 10.16	7.52 7.52	3.76 3.76	22.60 38.20	60.80
R2-BK-3 15.05	R2-BK-4 21.85	R2-BK-3 R2-BK-4	A1 A1	10.16 13.05	6.80 6.80	3.40 3.40	34.54 44.37	78.91
R2-BK-4 21.85	R2-BK-5 28.66	R2-BK-4 R2-BK-5	A1 A1	13.05 6.01	6.81 6.81	3.40 3.40	44.37 20.43	64.80
R2-BK-5 28.66	R2-BK-6 28.86	R2-BK-5 R2-BK-6	A1 A1	6.01 5.68	0.20 0.20	0.10 0.10	0.60 0.57	1.17
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			239.61

COMPUTO DEI VOLUMI					Foglio n. 15			
FONDAZIONE IN MISTO GRANULARE								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
R2-BK-1 0.00	R2-BK-2 7.53	R2-BK-1	F1	0.13	7.53	3.77	0.49	11.20
		R2-BK-1	F2	1.30	7.53	3.77	4.90	
		R2-BK-2	F1	1.54	7.53	3.77	5.81	
R2-BK-2 7.53	R2-BK-3 15.05	R2-BK-2	F1	1.54	7.52	3.76	5.79	11.06
		R2-BK-3	F1	0.13	7.52	3.76	0.49	
		R2-BK-3	F2	1.14	7.52	3.76	4.29	
		R2-BK-3	F3	0.13	7.52	3.76	0.49	
R2-BK-3 15.05	R2-BK-4 21.85	R2-BK-3	F1	0.13	6.80	3.40	0.44	10.20
		R2-BK-3	F2	1.14	6.80	3.40	3.88	
		R2-BK-3	F3	0.13	6.80	3.40	0.44	
		R2-BK-4	F1	0.13	6.80	3.40	0.44	
		R2-BK-4	F2	1.47	6.80	3.40	5.00	
R2-BK-4 21.85	R2-BK-5 28.66	R2-BK-4	F1	0.13	6.81	3.40	0.44	12.58
		R2-BK-4	F2	1.47	6.81	3.40	5.00	
		R2-BK-5	F1	0.14	6.81	3.40	0.48	
		R2-BK-5	F2	1.83	6.81	3.40	6.22	
		R2-BK-5	F3	0.13	6.81	3.40	0.44	
R2-BK-5 28.66	R2-BK-6 28.86	R2-BK-5	F1	0.14	0.20	0.10	0.01	0.43
		R2-BK-5	F2	1.83	0.20	0.10	0.18	
		R2-BK-5	F3	0.13	0.20	0.10	0.01	
		R2-BK-6	F1	0.13	0.20	0.10	0.01	
		R2-BK-6	F2	2.22	0.20	0.10	0.22	
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			45.47

COMPUTO DEI VOLUMI					Foglio n. 16			
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
R2-BK-1 0.00	R2-BK-2 7.53	R2-BK-1	I1	0.75	7.53	3.77	2.83	9.92
		R2-BK-1	I2	0.33	7.53	3.77	1.24	
		R2-BK-2	I1	1.28	7.53	3.77	4.83	
		R2-BK-2	I2	0.27	7.53	3.77	1.02	
R2-BK-2 7.53	R2-BK-3 15.05	R2-BK-2	I1	1.28	7.52	3.76	4.81	13.95
		R2-BK-2	I2	0.27	7.52	3.76	1.02	
		R2-BK-3	I1	1.78	7.52	3.76	6.69	
		R2-BK-3	I2	0.38	7.52	3.76	1.43	
R2-BK-3 15.05	R2-BK-4 21.85	R2-BK-3	I1	1.78	6.80	3.40	6.05	14.45
		R2-BK-3	I2	0.38	6.80	3.40	1.29	
		R2-BK-4	I1	1.72	6.80	3.40	5.85	
		R2-BK-4	I2	0.37	6.80	3.40	1.26	
R2-BK-4 21.85	R2-BK-5 28.66	R2-BK-4	I1	1.72	6.81	3.40	5.85	9.93
		R2-BK-4	I2	0.37	6.81	3.40	1.26	
		R2-BK-5	I1	0.58	6.81	3.40	1.97	
		R2-BK-5	I2	0.25	6.81	3.40	0.85	
R2-BK-5 28.66	R2-BK-6 28.86	R2-BK-5	I1	0.58	0.20	0.10	0.06	0.18
		R2-BK-5	I2	0.25	0.20	0.10	0.03	
		R2-BK-6	I1	0.58	0.20	0.10	0.06	
		R2-BK-6	I2	0.25	0.20	0.10	0.03	
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			48.43

		COMPUTO DEI VOLUMI			Foglio n. 17			
MISTO GRANULARE COMPATTATO								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
R2-BK-1	R2-BK-2	R2-BK-1	L1	0.24	7.53	3.77	0.90	0.90
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			0.90

COMPUTO DEI VOLUMI					Foglio n. 18			
SCAVO PER BONIFICA 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
R2-BK-1 0.00	R2-BK-2 7.53	R2-BK-1 R2-BK-1	P1 P2	1.40 3.16	7.53 7.53	3.77 3.77	5.28 11.91	17.19
R2-BK-4	R2-BK-5	R2-BK-5	P1	4.21	6.81	3.40	14.31	14.31
R2-BK-5 28.66	R2-BK-6 28.86	R2-BK-5 R2-BK-6	P1 P1	4.21 4.42	0.20 0.20	0.10 0.10	0.42 0.44	0.86
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			32.36

COMPUTO DEI VOLUMI					Foglio n. 19			
ANTICIPILLARE 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
R2-BK-1	R2-BK-2	R2-BK-1	Q1	3.75	7.53	3.77	14.14	14.14
R2-BK-4	R2-BK-5	R2-BK-5	Q1	5.06	6.81	3.40	17.20	17.20
R2-BK-5	R2-BK-6	R2-BK-5	Q1	5.06	0.20	0.10	0.51	
28.66	28.86	R2-BK-6	Q1	5.01	0.20	0.10	0.50	1.01
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			32.35

COMPUTO DEI VOLUMI					Foglio n. 20			
RILEVATO 3								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
R2-BK-1 0.00	R2-BK-2 7.53	R2-BK-1 R2-BK-1	T1 T2	0.47 0.84	7.53 7.53	3.77 3.77	1.77 3.17	4.94
R2-BK-4 21.85	R2-BK-5 28.66	R2-BK-5 R2-BK-5	T1 T2	0.50 0.22	6.81 6.81	3.40 3.40	1.70 0.75	2.45
R2-BK-5 28.66	R2-BK-6 28.86	R2-BK-5 R2-BK-5 R2-BK-6 R2-BK-6	T1 T2 T1 T2	0.50 0.22 0.57 0.17	0.20 0.20 0.20 0.20	0.10 0.10 0.10 0.10	0.05 0.02 0.06 0.02	0.15
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			7.54

COMPUTO DI SUPERFICI					Foglio n. 21			
CONGL. BIT. (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
R2-BK-1 0.00	R2-BK-2 7.53	R2-BK-1	a1	4.00	7.53	3.77	15.08	30.76
		R2-BK-2	a1	4.16	7.53	3.77	15.68	
R2-BK-2 7.53	R2-BK-3 15.05	R2-BK-2	a1	4.16	7.52	3.76	15.64	32.71
		R2-BK-3	a1	4.54	7.52	3.76	17.07	
R2-BK-3 15.05	R2-BK-4 21.85	R2-BK-3	a1	4.54	6.80	3.40	15.44	32.03
		R2-BK-4	a1	4.88	6.80	3.40	16.59	
R2-BK-4 21.85	R2-BK-5 28.66	R2-BK-4	a1	4.88	6.81	3.40	16.59	41.41
		R2-BK-5	a1	7.30	6.81	3.40	24.82	
R2-BK-5 28.66	R2-BK-6 28.86	R2-BK-5	a1	7.30	0.20	0.10	0.73	1.49
		R2-BK-6	a1	7.55	0.20	0.10	0.76	
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			138.40

COMPUTO DI SUPERFICI					Foglio n. 22			
TAPPETO DI 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
R2-BK-1 0.00	R2-BK-2 7.53	R2-BK-1 R2-BK-2	b1 b1	4.00 4.16	7.53 7.53	3.77 3.77	15.08 15.68	30.76
R2-BK-2 7.53	R2-BK-3 15.05	R2-BK-2 R2-BK-3	b1 b1	4.16 4.54	7.52 7.52	3.76 3.76	15.64 17.07	32.71
R2-BK-3 15.05	R2-BK-4 21.85	R2-BK-3 R2-BK-4	b1 b1	4.54 4.88	6.80 6.80	3.40 3.40	15.44 16.59	32.03
R2-BK-4 21.85	R2-BK-5 28.66	R2-BK-4 R2-BK-5	b1 b1	4.88 7.30	6.81 6.81	3.40 3.40	16.59 24.82	41.41
R2-BK-5 28.66	R2-BK-6 28.86	R2-BK-5 R2-BK-6	b1 b1	7.30 7.55	0.20 0.20	0.10 0.10	0.73 0.76	1.49
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			138.40

COMPUTO DI SUPERFICI					Foglio n. 23			
SCOTICO IN 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
R2-BK-1 0.00	R2-BK-2 7.53	R2-BK-1	f1	9.59	7.53	3.77	36.15	80.79
		R2-BK-2	f1	11.84	7.53	3.77	44.64	
R2-BK-2 7.53	R2-BK-3 15.05	R2-BK-2	f1	11.84	7.52	3.76	44.52	96.33
		R2-BK-3	f1	13.78	7.52	3.76	51.81	
R2-BK-3 15.05	R2-BK-4 21.85	R2-BK-3	f1	13.78	6.80	3.40	46.85	96.86
		R2-BK-4	f1	14.71	6.80	3.40	50.01	
R2-BK-4 21.85	R2-BK-5 28.66	R2-BK-4	f1	14.71	6.81	3.40	50.01	93.33
		R2-BK-5	f1	12.74	6.81	3.40	43.32	
R2-BK-5 28.66	R2-BK-6 28.86	R2-BK-5	f1	12.74	0.20	0.10	1.27	2.53
		R2-BK-6	f1	12.64	0.20	0.10	1.26	
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			369.84

COMPUTO DI SUPERFICI					Foglio n. 24			
GEOTESSILE INF_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
R2-BK-1	R2-BK-2	R2-BK-1	k1	9.59	7.53	3.77	36.15	36.15
R2-BK-4	R2-BK-5	R2-BK-5	k1	12.74	6.81	3.40	43.32	43.32
R2-BK-5	R2-BK-6	R2-BK-5	k1	12.74	0.20	0.10	1.27	1.27
28.66	28.86	R2-BK-6	k1	12.64	0.20	0.10	1.26	2.53
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			82.00

COMPUTO DI SUPERFICI					Foglio n. 25			
GEOTESSILE SUP_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
R2-BK-1	R2-BK-2	R2-BK-1	11	9.59	7.53	3.77	36.15	36.15
R2-BK-4	R2-BK-5	R2-BK-5	11	12.74	6.81	3.40	43.32	43.32
R2-BK-5	R2-BK-6	R2-BK-5	11	12.74	0.20	0.10	1.27	
28.66	28.86	R2-BK-6	11	12.64	0.20	0.10	1.26	2.53
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			82.00

COMPUTO DEI VOLUMI		Foglio n. 26	
Volume dalla sezione R2-BK-1 alla sezione R2-BK-6			
ARTICOLO			VOLUME
SCAVO	mc		239.61
FONDAZIONE IN MISTO GRANULARE	mc		45.47
TERRENO VEGETALE	mc		48.43
MISTO GRANULARE COMPATTATO	mc		0.90
SCAVO PER BONIFICA IN TRINCEA	mc		32.36
ANTICAPILLARE TRINCEA	mc		32.35
RILEVATO 3	mc		7.54
CONGL. BIT. (Binder)	mq		138.40
TAPPETO DI USURA	mq		138.40
SCOTICO IN TRINCEA	mq		369.84
GEOTESSILE INF_TRINCEA	mq		82.00
GEOTESSILE SUP_TRINCEA	mq		82.00