



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

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PROTOCOLLO	DATA	DOTT. GEOL. DANILO GALLO	ING. RENATO DEL PRETE

DC3306

D - PROGETTO STRADALE DC - VIABILITÀ DI RICUCITURA E DI INNESTO DC3-3 - RICUCITURA 3 TABULATI MOVIMENTO MATERIA

CODICE PROGETTO		NOME FILE		REVISIONE	SCALA:
PROGETTO	LIV. PROG.	N. PROG.	DC3306 - S27PS00TRAEC01_A.dwg		
BO0067	D	1801	CODICE ELAB. S27PS00TRAEC01	A	-
C					
B					
A	EMISSIONE		Aprile 2020		
REV.	DESCRIZIONE		DATA	REDATTO	VERIFICATO APPROVATO

		CALCOLO DELLE AREE	Foglio n. 1		
SCAVO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
Ric.3-1 0.00	A1	$(-4.18--5.62) \times (192.82+193.05) / 2$ $(-3.90--4.18) \times (192.65+192.82) / 2$ $(-3.74--3.90) \times (192.55+192.65) / 2$ $(-3.45--3.74) \times (192.61+192.55) / 2$ $(-3.24--3.45) \times (192.65+192.61) / 2$ $(-2.38--3.24) \times (192.63+192.65) / 2$ $(-1.75--2.38) \times (192.61+192.63) / 2$ $(3.20--1.75) \times (192.38+192.61) / 2$ $(3.44-3.20) \times (192.33+192.38) / 2$ $(3.69-3.44) \times (192.26+192.33) / 2$ $(4.02-3.69) \times (192.04+192.26) / 2$ $(3.25-4.02) \times (192.08+192.04) / 2$ $(-0.01-3.25) \times (192.23+192.08) / 2$ $(-3.27--0.01) \times (192.35+192.23) / 2$ $(-4.62--3.27) \times (192.35+192.35) / 2$ $(-5.18--4.62) \times (192.76+192.76) / 2$ $(-5.62--5.18) \times (193.05+192.76) / 2$	277.83 53.97 30.82 55.85 40.45 165.67 121.35 952.85 46.17 48.07 63.41 -147.89 -626.43 -626.87 -259.67 -107.95 -84.88		
Ric.3-2 2.88	A1	$(-5.06--5.71) \times (192.97+193.08) / 2$ $(-4.24--5.06) \times (192.84+192.97) / 2$ $(-4.20--4.24) \times (192.82+192.84) / 2$ $(-3.75--4.20) \times (192.56+192.82) / 2$ $(-3.70--3.75) \times (192.57+192.56) / 2$ $(-3.24--3.70) \times (192.66+192.57) / 2$ $(-0.76--3.24) \times (192.60+192.66) / 2$ $(-0.32--0.76) \times (192.59+192.60) / 2$ $(3.17--0.32) \times (192.43+192.59) / 2$ $(3.33-3.17) \times (192.39+192.43) / 2$ $(3.70-3.33) \times (192.28+192.39) / 2$ $(3.98-3.70) \times (192.10+192.28) / 2$ $(3.25-3.98) \times (192.13+192.10) / 2$ $(-0.03-3.25) \times (192.25+192.13) / 2$ $(-3.31--0.03) \times (192.34+192.25) / 2$ $(-4.66--3.31) \times (192.34+192.34) / 2$ $(-5.22--4.66) \times (192.75+192.75) / 2$ $(-5.71--5.22) \times (193.08+192.75) / 2$	125.47 158.18 7.71 86.71 9.63 88.60 477.72 84.74 671.86 30.79 71.16 53.81 -140.24 -630.38 -630.73 -259.66 -107.94 -94.53	2.75	
Ric.3-3 19.19	A1	$(-4.34--6.55) \times (192.95+193.30) / 2$ $(-3.94--4.34) \times (192.76+192.95) / 2$ $(-3.61--3.94) \times (192.60+192.76) / 2$ $(-3.34--3.61) \times (192.64+192.60) / 2$ $(-3.02--3.34) \times (192.70+192.64) / 2$ $(-0.23--3.02) \times (192.67+192.70) / 2$ $(2.17--0.23) \times (192.62+192.67) / 2$ $(3.34-2.17) \times (192.59+192.62) / 2$ $(3.74-3.34) \times (192.47+192.59) / 2$ $(3.25-3.74) \times (192.46+192.47) / 2$ $(-0.25-3.25) \times (192.38+192.46) / 2$ $(-3.75--0.25) \times (192.30+192.38) / 2$ $(-5.10--3.75) \times (192.30+192.30) / 2$ $(-5.66--5.10) \times (192.71+192.71) / 2$ $(-6.55--5.66) \times (193.30+192.71) / 2$	426.81 77.14 63.58 52.01 61.65 537.59 462.35 225.35 77.01 -94.31 -673.47 -673.19 -259.60 -107.92 -171.77	2.90	
Ric.3-4 35.49	A1	$(-3.14--8.96) \times (193.05+193.95) / 2$ $(-2.67--3.14) \times (192.86+193.05) / 2$ $(-2.16--2.67) \times (192.63+192.86) / 2$ $(-1.86--2.16) \times (192.69+192.63) / 2$ $(-1.49--1.86) \times (192.75+192.69) / 2$ $(-0.18--1.49) \times (192.74+192.75) / 2$ $(-0.44--0.18) \times (192.72+192.74) / 2$ $(-5.32--0.44) \times (192.38+192.72) / 2$ $(-6.67--5.32) \times (192.38+192.38) / 2$ $(-7.23--6.67) \times (192.79+192.79) / 2$ $(-8.96--7.23) \times (193.95+192.79) / 2$	1126.17 90.69 98.30 57.80 71.31 252.50 -50.11 -939.64 -259.71 -107.96 -334.53	3.23	
Ric.3-5 39.80	A1	$(-5.05--9.07) \times (193.48+194.03) / 2$ $(-3.81--5.05) \times (193.29+193.48) / 2$ $(-2.94--3.81) \times (193.16+193.29) / 2$ $(-2.44--2.94) \times (193.08+193.16) / 2$ $(-1.63--2.44) \times (192.75+193.08) / 2$	778.90 239.80 168.11 96.56 156.26	4.82	
A RIPORTARE mq			1439.63		

		CALCOLO DELLE AREE	Foglio n. 2		
SCAVO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			1439.63		
Ric.3-6 44.11	A1	$(-5.45--1.63) \times (192.48+192.75) / 2$ $(-6.80--5.45) \times (192.48+192.48) / 2$ $(-7.36--6.80) \times (192.89+192.89) / 2$ $(-9.07--7.36) \times (194.03+192.89) / 2$ $(-5.27--9.04) \times (193.60+194.11) / 2$ $(-1.34--5.27) \times (193.06+193.60) / 2$ $(-1.02--1.34) \times (192.90+193.06) / 2$ $(-5.45--1.02) \times (192.59+192.90) / 2$ $(-6.80--5.45) \times (192.59+192.59) / 2$ $(-7.36--6.80) \times (193.00+193.00) / 2$ $(-9.04--7.36) \times (194.11+193.00) / 2$	-735.79 -259.85 -108.02 -330.82 730.83 759.79 61.75 -853.86 -260.00 -108.08 -325.17	5.15	
Ric.3-7 60.41	A1	$(3.25--7.90) \times (193.53+194.82) / 2$ $(-0.25-3.25) \times (193.33+193.40) / 2$ $(-4.22--0.25) \times (193.23+193.33) / 2$ $(-5.57--4.22) \times (193.23+193.23) / 2$ $(-6.13--5.57) \times (193.64+193.64) / 2$ $(-7.90--6.13) \times (194.82+193.64) / 2$	2165.05 -676.78 -767.32 -260.86 -108.44 -343.79	5.26	
Ric.3-8 76.72	A1	$(3.25--8.06) \times (194.62+195.78) / 2$ $(-0.03-3.25) \times (193.56+193.48) / 2$ $(-3.31--0.03) \times (193.48+193.56) / 2$ $(-4.66--3.31) \times (193.48+193.48) / 2$ $(-5.22--4.66) \times (193.89+193.89) / 2$ $(-8.06--5.22) \times (195.78+193.89) / 2$	2207.71 -634.75 -634.75 -261.20 -108.58 -553.33	7.86	
Ric.3-9 93.30	A1	$(-2.67--7.75) \times (195.16+195.64) / 2$ $(3.25--2.67) \times (194.68+195.16) / 2$ $(-0.03-3.25) \times (193.62+193.53) / 2$ $(-3.31--0.03) \times (193.53+193.62) / 2$ $(-4.66--3.31) \times (193.53+193.53) / 2$ $(-5.22--4.66) \times (193.94+193.94) / 2$ $(-7.75--5.22) \times (195.64+193.94) / 2$	992.63 1153.93 -634.93 -634.93 -261.27 -108.61 -492.82	15.10	
Ric.3-10 109.60	A1	$(-4.29--7.88) \times (194.85+195.24) / 2$ $(3.25--4.29) \times (194.23+194.85) / 2$ $(-0.24-3.25) \times (193.49+193.57) / 2$ $(-3.81--0.24) \times (193.40+193.49) / 2$ $(-5.16--3.81) \times (193.40+193.40) / 2$ $(-5.73--5.16) \times (193.81+193.81) / 2$ $(-7.88--5.73) \times (195.24+193.81) / 2$	700.21 1466.83 -675.42 -690.60 -261.09 -110.47 -418.23	14.00	
Ric.3-11 125.90	A1	$(-0.57--8.81) \times (193.59+194.36) / 2$ $(-0.21--0.57) \times (193.58+193.59) / 2$ $(0.27--0.21) \times (193.33+193.58) / 2$ $(-0.44-0.27) \times (193.28+193.33) / 2$ $(-5.39--0.44) \times (192.94+193.28) / 2$ $(-6.74--5.39) \times (192.94+192.94) / 2$ $(-7.30--6.74) \times (193.35+193.35) / 2$ $(-8.81--7.30) \times (194.36+193.35) / 2$	1598.35 69.69 92.86 -137.25 -955.89 -260.47 -108.28 -292.72	11.23	
Ric.3-12 131.19	A1	$(-5.53--8.89) \times (193.82+194.23) / 2$ $(-1.91--5.53) \times (193.48+193.82) / 2$ $(-1.06--1.91) \times (193.43+193.48) / 2$ $(-0.85--1.06) \times (193.32+193.43) / 2$ $(-0.50--0.85) \times (193.24+193.32) / 2$ $(-5.54--0.50) \times (192.86+193.24) / 2$ $(-6.89--5.54) \times (192.86+192.86) / 2$ $(-7.46--6.89) \times (193.27+193.27) / 2$ $(-8.89--7.46) \times (194.23+193.27) / 2$	651.92 701.01 164.44 40.61 67.65 -972.97 -260.36 -110.16 -277.06	6.29	
Ric.3-13 136.48	A1	$(-5.37--8.73) \times (193.72+194.13) / 2$ $(-2.94--5.37) \times (193.41+193.72) / 2$ $(-2.76--2.94) \times (193.41+193.41) / 2$ $(-1.81--2.76) \times (193.36+193.41) / 2$ $(-1.37--1.81) \times (193.25+193.36) / 2$ $(-1.36--1.37) \times (193.25+193.25) / 2$	651.59 470.36 34.81 183.72 85.05 1.93	5.08	
A RIPORTARE mq			1427.46		

		CALCOLO DELLE AREE		Foglio n. 3	
SCAVO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			1427.46		
Ric.3-14 152.78	A1	$(-0.87--1.36) \times (193.26+193.25) / 2$	94.69	4.77	
		$(-0.12--0.87) \times (193.27+193.26) / 2$	144.95		
		$(0.21--0.12) \times (193.27+193.27) / 2$	63.78		
		$(1.99-0.21) \times (193.32+193.27) / 2$	344.07		
		$(-0.44-1.99) \times (193.15+193.32) / 2$	-469.56		
		$(-5.44--0.44) \times (192.80+193.15) / 2$	-964.88		
		$(-6.79--5.44) \times (192.80+192.80) / 2$	-260.28		
		$(-7.35--6.79) \times (193.21+193.21) / 2$	-108.20		
		$(-8.73--7.35) \times (194.13+193.21) / 2$	-267.26		
		$(-4.57--5.99) \times (193.44+193.62) / 2$	274.81		
$(-4.52--4.57) \times (193.43+193.44) / 2$	9.67				
$(-4.50--4.52) \times (193.43+193.43) / 2$	3.87				
$(-3.51--4.50) \times (193.46+193.43) / 2$	191.51				
$(-3.50--3.51) \times (193.46+193.46) / 2$	1.93				
$(-3.20--3.50) \times (193.35+193.46) / 2$	58.02				
$(3.03--3.20) \times (193.28+193.35) / 2$	1204.35				
$(3.67-3.03) \times (193.27+193.28) / 2$	123.70				
$(3.88-3.67) \times (193.15+193.27) / 2$	40.57				
$(3.25-3.88) \times (193.13+193.15) / 2$	-121.68				
$(-0.24-3.25) \times (193.05+193.13) / 2$	-673.88				
$(-3.73--0.24) \times (192.98+193.05) / 2$	-673.62				
$(-5.08--3.73) \times (192.98+192.98) / 2$	-260.52				
$(-5.64--5.08) \times (193.39+193.39) / 2$	-108.30				
$(-5.99--5.64) \times (193.62+193.39) / 2$	-67.73				
Ric.3-15 169.08	A1	$(-4.20--4.66) \times (193.55+193.55) / 2$	89.03	2.70	
		$(-3.39--4.20) \times (193.56+193.55) / 2$	156.78		
		$(0.16--3.39) \times (193.40+193.56) / 2$	686.85		
		$(3.50-0.16) \times (193.34+193.40) / 2$	645.86		
		$(3.98-3.50) \times (193.03+193.34) / 2$	92.73		
		$(3.25-3.98) \times (193.05+193.03) / 2$	-140.92		
		$(-0.03-3.25) \times (193.12+193.05) / 2$	-633.32		
		$(-3.31--0.03) \times (193.26+193.12) / 2$	-633.66		
		$(-4.66--3.31) \times (193.26+193.26) / 2$	-260.90		
		$(-3.95--4.64) \times (193.58+193.57) / 2$	133.57		
$(-3.32--3.95) \times (193.58+193.58) / 2$	121.96				
$(0.90--3.32) \times (193.39+193.58) / 2$	816.51				
$(3.50-0.90) \times (193.34+193.39) / 2$	502.75				
$(3.99-3.50) \times (193.03+193.34) / 2$	94.66				
$(3.25-3.99) \times (193.05+193.03) / 2$	-142.85				
$(-0.02-3.25) \times (193.13+193.05) / 2$	-631.40				
$(-3.29--0.02) \times (193.28+193.13) / 2$	-631.78				
$(-4.64--3.29) \times (193.28+193.28) / 2$	-260.93				
Ric.3-16 170.00	A1			2.45	
		2.49			
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE			Foglio n. 4
SCAVO PER BONIFICA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
Ric.3-4 35.49	B1	$(4.42-2.37) \times (192.70+192.72) / 2$ $(4.91-4.42) \times (192.70+192.70) / 2$ $(4.42-4.91) \times (191.90+191.90) / 2$ $(2.37-4.42) \times (191.92+191.90) / 2$	395.06 94.42 -94.03 -393.42	2.03	
Ric.3-5 39.80	B1	$(5.03-1.26) \times (192.73+192.75) / 2$ $(1.26-5.03) \times (191.95+191.93) / 2$	726.63 -723.61	3.02	
Ric.3-6 44.11	B1	$(-0.42--0.55) \times (192.71+192.73) / 2$ $(-0.05--0.42) \times (192.71+192.65) / 2$ $(0.32--0.05) \times (192.77+192.71) / 2$ $(3.04-0.32) \times (192.77+192.77) / 2$ $(5.14-3.04) \times (192.76+192.77) / 2$ $(3.04-5.14) \times (191.97+191.96) / 2$ $(0.32-3.04) \times (191.97+191.97) / 2$ $(-0.05-0.32) \times (191.91+191.97) / 2$ $(-0.42--0.05) \times (191.85+191.91) / 2$ $(-0.55--0.42) \times (191.93+191.91) / 2$	25.05 71.29 71.31 524.33 404.81 -403.13 -522.16 -71.02 -71.00 -24.95	4.53	
Ric.3-11 125.90	B1	$(4.86-1.07) \times (193.30+193.19) / 2$ $(1.07-4.86) \times (192.39+192.50) / 2$	732.40 -729.37	3.03	
Ric.3-12 131.19	B1	$(4.68-4.18) \times (193.36+193.34) / 2$ $(4.18-4.68) \times (192.54+192.56) / 2$	96.68 -96.28	0.40	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 5		
RILEVATO 1					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
Ric.3-4 35.49	C1	$(3.25-2.37) \times (192.98+192.92) / 2$ $(4.03-3.25) \times (193.03+192.98) / 2$ $(4.65-4.03) \times (193.08+193.03) / 2$ $(4.91-4.65) \times (192.90+193.08) / 2$ $(4.42-4.91) \times (192.90+192.90) / 2$ $(2.37-4.42) \times (192.92+192.90) / 2$	169.80 150.54 119.69 50.18 -94.52 -395.47	0.22	
Ric.3-5 39.80	C1	$(3.25-1.26) \times (193.09+192.95) / 2$ $(4.03-3.25) \times (193.14+193.09) / 2$ $(4.65-4.03) \times (193.19+193.14) / 2$ $(5.03-4.65) \times (192.93+193.19) / 2$ $(1.26-5.03) \times (192.95+192.93) / 2$	384.11 150.63 119.76 73.36 -727.38	0.48	
Ric.3-6 44.11	C1	$(3.25--0.44) \times (193.19+192.94) / 2$ $(4.03-3.25) \times (193.25+193.19) / 2$ $(4.65-4.03) \times (193.29+193.25) / 2$ $(5.14-4.65) \times (192.96+193.29) / 2$ $(3.04-5.14) \times (192.97+192.96) / 2$ $(0.32-3.04) \times (192.97+192.97) / 2$ $(-0.05-0.32) \times (192.91+192.97) / 2$ $(-0.44--0.05) \times (192.94+192.91) / 2$	712.41 150.71 119.83 94.63 -405.23 -524.88 -71.39 -75.24	0.84	
Ric.3-11 125.90	C1	$(3.25-1.07) \times (193.54+193.39) / 2$ $(4.03-3.25) \times (193.60+193.54) / 2$ $(4.65-4.03) \times (193.64+193.60) / 2$ $(4.86-4.65) \times (193.50+193.64) / 2$ $(1.07-4.86) \times (193.39+193.50) / 2$	421.75 150.98 120.04 40.65 -733.16	0.26	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 6		
RILEVATO 2					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
Ric.3-4 35.49	D1	$(4.42-2.37) \times (192.70+192.72) / 2$ $(4.91-4.42) \times (192.70+192.70) / 2$ $(4.42-4.91) \times (192.30+192.30) / 2$ $(2.37-4.42) \times (192.32+192.30) / 2$	395.06 94.42 -94.23 -394.24	1.01	
Ric.3-5 39.80	D1	$(5.03-1.26) \times (192.73+192.75) / 2$ $(1.26-5.03) \times (192.35+192.33) / 2$	726.63 -725.12	1.51	
Ric.3-6 44.11	D1	$(-0.42--0.55) \times (192.71+192.73) / 2$ $(-0.05--0.42) \times (192.71+192.65) / 2$ $(0.32--0.05) \times (192.77+192.71) / 2$ $(3.04-0.32) \times (192.77+192.77) / 2$ $(5.14-3.04) \times (192.76+192.77) / 2$ $(3.04-5.14) \times (192.37+192.36) / 2$ $(0.32-3.04) \times (192.37+192.37) / 2$ $(-0.05-0.32) \times (192.31+192.37) / 2$ $(-0.42--0.05) \times (192.25+192.31) / 2$ $(-0.55--0.42) \times (192.33+192.31) / 2$	25.05 71.29 71.31 524.33 404.81 -403.97 -523.25 -71.17 -71.14 -25.00	2.26	
Ric.3-11 125.90	D1	$(4.86-1.07) \times (193.30+193.19) / 2$ $(1.07-4.86) \times (192.79+192.90) / 2$	732.40 -730.88	1.52	
Ric.3-12 131.19	D1	$(4.68-4.18) \times (193.36+193.34) / 2$ $(4.18-4.68) \times (192.94+192.96) / 2$	96.68 -96.47	0.21	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE			Foglio n. 7
MATERIALE ANTICAPILLARE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
Ric.3-4 35.49	E1	$(4.42-2.37) \times (192.30+192.32) / 2$ $(4.91-4.42) \times (192.30+192.30) / 2$ $(4.42-4.91) \times (191.90+191.90) / 2$ $(2.37-4.42) \times (191.92+191.90) / 2$	394.24 94.23 -94.03 -393.42	1.02	
Ric.3-5 39.80	E1	$(5.03-1.26) \times (192.33+192.35) / 2$ $(1.26-5.03) \times (191.95+191.93) / 2$	725.12 -723.61	1.51	
Ric.3-6 44.11	E1	$(-0.42--0.55) \times (192.31+192.33) / 2$ $(-0.05--0.42) \times (192.31+192.25) / 2$ $(0.32--0.05) \times (192.37+192.31) / 2$ $(3.04-0.32) \times (192.37+192.37) / 2$ $(5.14-3.04) \times (192.36+192.37) / 2$ $(3.04-5.14) \times (191.97+191.96) / 2$ $(0.32-3.04) \times (191.97+191.97) / 2$ $(-0.05-0.32) \times (191.91+191.97) / 2$ $(-0.42--0.05) \times (191.85+191.91) / 2$ $(-0.55--0.42) \times (191.93+191.91) / 2$	25.00 71.14 71.17 523.25 403.97 -403.13 -522.16 -71.02 -71.00 -24.95	2.27	
Ric.3-11 125.90	E1	$(4.86-1.07) \times (192.90+192.79) / 2$ $(1.07-4.86) \times (192.39+192.50) / 2$	730.88 -729.37	1.51	
Ric.3-12 131.19	E1	$(4.68-4.18) \times (192.96+192.94) / 2$ $(4.18-4.68) \times (192.54+192.56) / 2$	96.47 -96.28	0.19	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 8		
FONDAZIONE IN MISTO GRANULARE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
Ric.3-1 0.00	F1	$(-3.27--4.62) \times (192.45+192.45) / 2$ $(-4.62--3.27) \times (192.35+192.35) / 2$	259.81 -259.67	0.14	
Ric.3-1 0.00	F2	$(-0.01--3.27) \times (192.53+192.65) / 2$ $(3.25--0.01) \times (192.38+192.53) / 2$ $(3.45-3.25) \times (192.37+192.38) / 2$ $(3.75-3.45) \times (192.36+192.37) / 2$ $(4.06-3.75) \times (192.04+192.36) / 2$ $(3.25-4.06) \times (192.08+192.04) / 2$ $(-0.01-3.25) \times (192.23+192.08) / 2$ $(-3.27--0.01) \times (192.45+192.23) / 2$	627.84 627.40 38.48 57.71 59.58 -155.57 -626.43 -627.03	1.98	
Ric.3-2 2.88	F1	$(-3.31--4.66) \times (192.44+192.44) / 2$ $(-4.66--3.31) \times (192.34+192.34) / 2$	259.79 -259.66	0.13	
Ric.3-2 2.88	F2	$(-0.03--3.31) \times (192.55+192.64) / 2$ $(3.25--0.03) \times (192.43+192.55) / 2$ $(3.45-3.25) \times (192.42+192.43) / 2$ $(3.75-3.45) \times (192.41+192.42) / 2$ $(4.06-3.75) \times (192.10+192.41) / 2$ $(3.25-4.06) \times (192.13+192.10) / 2$ $(-0.03-3.25) \times (192.25+192.13) / 2$ $(-3.31--0.03) \times (192.44+192.25) / 2$	631.71 631.37 38.49 57.72 59.60 -155.61 -630.38 -630.89	2.01	
Ric.3-3 19.19	F1	$(-3.75--5.10) \times (192.40+192.40) / 2$ $(-5.10--3.75) \times (192.30+192.30) / 2$	259.74 -259.60	0.14	
Ric.3-3 19.19	F2	$(-0.25--3.75) \times (192.68+192.60) / 2$ $(3.25--0.25) \times (192.76+192.68) / 2$ $(3.45-3.25) \times (192.76+192.76) / 2$ $(3.75-3.45) \times (192.77+192.76) / 2$ $(4.04-3.75) \times (192.48+192.77) / 2$ $(3.25-4.04) \times (192.46+192.48) / 2$ $(-0.25-3.25) \times (192.38+192.46) / 2$ $(-3.75--0.25) \times (192.40+192.38) / 2$	674.24 674.52 38.55 57.83 55.86 -152.05 -673.47 -673.37	2.11	
Ric.3-4 35.49	F1	$(-5.32--6.67) \times (192.48+192.48) / 2$ $(-0.44--5.32) \times (193.02+192.68) / 2$ $(3.25--0.44) \times (193.28+193.02) / 2$ $(3.45-3.25) \times (193.29+193.28) / 2$ $(3.75-3.45) \times (193.31+193.29) / 2$ $(4.03-3.75) \times (193.03+193.31) / 2$ $(3.25-4.03) \times (192.98+193.03) / 2$ $(-0.44-3.25) \times (192.72+192.98) / 2$ $(-5.32--0.44) \times (192.38+192.72) / 2$ $(-6.67--5.32) \times (192.38+192.38) / 2$	259.85 941.11 712.72 38.66 57.99 54.09 -150.54 -711.62 -939.64 -259.71	2.91	
Ric.3-5 39.80	F1	$(-5.45--6.80) \times (192.58+192.58) / 2$ $(-0.45--5.45) \times (193.13+192.78) / 2$ $(3.25--0.45) \times (193.39+193.13) / 2$ $(3.45-3.25) \times (193.40+193.39) / 2$ $(3.75-3.45) \times (193.42+193.40) / 2$ $(4.03-3.75) \times (193.14+193.42) / 2$ $(3.25-4.03) \times (193.09+193.14) / 2$ $(-0.45-3.25) \times (192.83+193.09) / 2$ $(-5.45--0.45) \times (192.48+192.83) / 2$ $(-6.80--5.45) \times (192.48+192.48) / 2$	259.98 964.77 715.06 38.68 58.02 54.12 -150.63 -713.95 -963.27 -259.85	2.93	
Ric.3-6 44.11	F1	$(-5.45--6.80) \times (192.69+192.69) / 2$ $(-6.80--5.45) \times (192.59+192.59) / 2$	260.13 -260.00	0.13	
Ric.3-6 44.11	F2	$(-0.44--5.45) \times (193.24+192.89) / 2$ $(3.25--0.44) \times (193.49+193.24) / 2$ $(3.45-3.25) \times (193.51+193.49) / 2$ $(3.75-3.45) \times (193.53+193.51) / 2$ $(4.03-3.75) \times (193.25+193.53) / 2$ $(3.25-4.03) \times (193.19+193.25) / 2$ $(-0.44-3.25) \times (192.94+193.19) / 2$ $(-5.45--0.44) \times (192.69+192.94) / 2$	967.26 713.52 38.70 58.06 54.15 -150.71 -712.41 -966.00	2.57	
A RIPORTARE mq					

		CALCOLO DELLE AREE			Foglio n. 9
FONDAZIONE IN MISTO GRANULARE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq					
Ric.3-7 60.41	F1	(-4.22--5.57)x(193.33+193.33)/2 (-0.25--4.22)x(193.63+193.53)/2 (3.25--0.25)x(193.70+193.63)/2 (-0.25-3.25)x(193.33+193.40)/2 (-4.22--0.25)x(193.23+193.33)/2 (-5.57--4.22)x(193.23+193.23)/2	261.00 768.51 677.83 -676.78 -767.32 -260.86		
Ric.3-8 76.72	F1	(-3.31--4.66)x(193.58+193.58)/2 (-4.66--3.31)x(193.48+193.48)/2	261.33 -261.20	2.38	
Ric.3-8 76.72	F2	(-0.03--3.31)x(193.86+193.78)/2 (3.25--0.03)x(193.78+193.86)/2 (-0.03-3.25)x(193.56+193.48)/2 (-3.31--0.03)x(193.58+193.56)/2	635.73 635.73 -634.75 -634.91	0.13	
Ric.3-9 93.30	F1	(-3.31--4.66)x(193.63+193.63)/2 (-4.66--3.31)x(193.53+193.53)/2	261.40 -261.27	1.80	
Ric.3-9 93.30	F2	(-0.03--3.31)x(193.92+193.83)/2 (3.25--0.03)x(193.83+193.92)/2 (-0.03-3.25)x(193.62+193.53)/2 (-3.31--0.03)x(193.63+193.62)/2	635.91 635.91 -634.93 -635.09	0.13	
Ric.3-10 109.60	F1	(-3.81--5.16)x(193.50+193.50)/2 (-5.16--3.81)x(193.40+193.40)/2	261.23 -261.09	1.80	
Ric.3-10 109.60	F2	(-0.24--3.81)x(193.79+193.70)/2 (3.25--0.24)x(193.87+193.79)/2 (-0.24-3.25)x(193.49+193.57)/2 (-3.81--0.24)x(193.50+193.49)/2	691.67 676.47 -675.42 -690.78	0.14	
Ric.3-11 125.90	F1	(-5.39--6.74)x(193.04+193.04)/2 (-6.74--5.39)x(192.94+192.94)/2	260.60 -260.47	1.94	
Ric.3-11 125.90	F2	(-0.44--5.39)x(193.58+193.24)/2 (3.25--0.44)x(193.84+193.58)/2 (3.45-3.25)x(193.86+193.84)/2 (3.75-3.45)x(193.88+193.86)/2 (4.03-3.75)x(193.60+193.88)/2 (3.25-4.03)x(193.54+193.60)/2 (-0.44-3.25)x(193.28+193.54)/2 (-5.39--0.44)x(193.04+193.28)/2	957.38 714.79 38.77 58.16 54.25 -150.98 -713.68 -956.14	0.13	
Ric.3-12 131.19	F1	(-5.54--6.89)x(192.96+192.96)/2 (-0.45--5.54)x(193.52+193.16)/2 (3.25--0.45)x(193.78+193.52)/2 (3.45-3.25)x(193.79+193.78)/2 (3.75-3.45)x(193.81+193.79)/2 (4.03-3.75)x(193.53+193.81)/2 (3.25-4.03)x(193.48+193.53)/2 (-0.45-3.25)x(193.22+193.48)/2 (-5.54--0.45)x(192.86+193.22)/2 (-6.89--5.54)x(192.86+192.86)/2	260.50 984.10 716.51 38.76 58.14 54.23 -150.93 -715.39 -982.57 -260.36	2.55	
Ric.3-13 136.48	F1	(-5.44--6.79)x(192.90+192.90)/2 (-0.44--5.44)x(193.45+193.10)/2 (3.25--0.44)x(193.71+193.45)/2 (3.45-3.25)x(193.72+193.71)/2 (3.75-3.45)x(193.75+193.72)/2 (4.03-3.75)x(193.46+193.75)/2 (3.25-4.03)x(193.41+193.46)/2 (-0.44-3.25)x(193.15+193.41)/2 (-5.44--0.44)x(192.80+193.15)/2 (-6.79--5.44)x(192.80+192.80)/2	260.41 966.37 714.31 38.74 58.12 54.21 -150.88 -713.20 -964.88 -260.28	2.99	
Ric.3-14 152.78	F1	(-3.73--5.08)x(193.08+193.08)/2 (-0.24--3.73)x(193.35+193.28)/2 (3.25--0.24)x(193.43+193.35)/2	260.66 674.67 674.93	2.92	
A RIPORTARE mq			1610.26		

		CALCOLO DELLE AREE	Foglio n. 10		
FONDAZIONE IN MISTO GRANULARE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			1610.26		
Ric.3-15 169.08	F1	$(3.45-3.25) \times (193.44+193.43) / 2$	38.69	2.44	
		$(3.75-3.45) \times (193.44+193.44) / 2$	58.03		
		$(4.04-3.75) \times (193.15+193.44) / 2$	56.06		
		$(3.25-4.04) \times (193.13+193.15) / 2$	-152.58		
		$(-0.24-3.25) \times (193.05+193.13) / 2$	-673.88		
		$(-3.73--0.24) \times (192.98+193.05) / 2$	-673.62		
		$(-5.08--3.73) \times (192.98+192.98) / 2$	-260.52		
		$(-3.31--4.66) \times (193.36+193.36) / 2$	261.04		
		$(-0.03--3.31) \times (193.42+193.56) / 2$	634.65		
		$(3.25--0.03) \times (193.35+193.42) / 2$	634.30		
Ric.3-16 170.00	F1	$(3.45-3.25) \times (193.35+193.35) / 2$	38.67	2.31	
		$(3.75-3.45) \times (193.34+193.35) / 2$	58.00		
		$(4.06-3.75) \times (193.03+193.34) / 2$	59.89		
		$(3.25-4.06) \times (193.05+193.03) / 2$	-156.36		
		$(-0.03-3.25) \times (193.12+193.05) / 2$	-633.32		
		$(-3.31--0.03) \times (193.26+193.12) / 2$	-633.66		
		$(-4.66--3.31) \times (193.26+193.26) / 2$	-260.90		
		$(-3.29--4.64) \times (193.38+193.38) / 2$	261.06		
		$(-0.02--3.29) \times (193.43+193.58) / 2$	632.76		
		$(3.25--0.02) \times (193.35+193.43) / 2$	632.39		
		$(3.45-3.25) \times (193.34+193.35) / 2$	38.67	2.30	
		$(3.75-3.45) \times (193.34+193.34) / 2$	58.00		
		$(4.06-3.75) \times (193.03+193.34) / 2$	59.89		
		$(3.25-4.06) \times (193.05+193.03) / 2$	-156.36		
		$(-0.02-3.25) \times (193.13+193.05) / 2$	-631.40		
		$(-3.29--0.02) \times (193.28+193.13) / 2$	-631.78		
		$(-4.64--3.29) \times (193.28+193.28) / 2$	-260.93		
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 11		
TERRENO VEGETALE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
Ric.3-1 0.00	I1	(-5.31--6.02)x(193.20+193.31)/2 (-5.12--5.31)x(193.08+193.20)/2 (-4.62--5.12)x(193.06+193.08)/2 (-5.18--4.62)x(192.76+192.76)/2 (-6.02--5.18)x(193.31+192.76)/2	137.21 36.70 96.53 -107.95 -162.15		
Ric.3-1 0.00	I2	(4.91-5.75)x(192.00+192.56)/2 (4.08-4.91)x(192.55+192.00)/2 (3.40-4.08)x(192.58+192.55)/2 (4.50-3.40)x(192.64+192.68)/2 (4.60-4.50)x(192.57+192.64)/2 (5.75-4.60)x(192.56+192.57)/2	-161.52 -159.59 -130.94 211.93 19.26 221.45	0.34	
Ric.3-2 2.88	I1	(-5.40--6.11)x(193.23+193.34)/2 (-5.16--5.40)x(193.07+193.23)/2 (-4.66--5.16)x(193.05+193.07)/2 (-5.22--4.66)x(192.75+192.75)/2 (-6.11--5.22)x(193.34+192.75)/2	137.23 46.36 96.53 -107.94 -171.81		
Ric.3-2 2.88	I2	(4.88-5.69)x(192.07+192.61)/2 (4.08-4.88)x(192.60+192.07)/2 (3.40-4.08)x(192.63+192.60)/2 (4.50-3.40)x(192.68+192.73)/2 (4.61-4.50)x(192.61+192.68)/2 (5.69-4.61)x(192.61+192.61)/2	-155.80 -153.87 -130.98 211.98 21.19 208.02	0.59	
Ric.3-3 19.19	I1	(-6.23--6.94)x(193.45+193.57)/2 (-5.60--6.23)x(193.03+193.45)/2 (-5.10--5.60)x(193.01+193.03)/2 (-5.66--5.10)x(192.71+192.71)/2 (-6.94--5.66)x(193.57+192.71)/2	137.39 121.74 96.51 -107.92 -247.22	0.37	
Ric.3-3 19.19	I2	(4.74-5.15)x(192.49+192.77)/2 (4.08-4.74)x(192.93+192.49)/2 (3.40-4.08)x(192.96+192.93)/2 (4.50-3.40)x(193.02+193.06)/2 (4.87-4.50)x(192.77+193.02)/2 (5.15-4.87)x(192.77+192.77)/2	-78.98 -127.19 -131.20 212.34 71.37 53.98	0.54	
Ric.3-4 35.49	I1	(-8.65--9.35)x(194.10+194.21)/2 (-7.17--8.65)x(193.11+194.10)/2 (-6.67--7.17)x(193.09+193.11)/2 (-7.23--6.67)x(192.79+192.79)/2 (-9.35--7.23)x(194.21+192.79)/2	135.91 286.54 96.55 -107.96 -410.22	0.50	
Ric.3-4 35.49	I2	(4.91-5.46)x(192.90+192.90)/2 (4.08-4.91)x(193.45+192.90)/2 (3.40-4.08)x(193.48+193.45)/2 (4.50-3.40)x(193.54+193.58)/2 (5.46-4.50)x(192.90+193.54)/2	-106.09 -160.34 -131.56 212.92 185.49	0.32	
Ric.3-5 39.80	I1	(-8.77--9.45)x(194.19+194.28)/2 (-7.30--8.77)x(193.21+194.19)/2 (-6.80--7.30)x(193.19+193.21)/2 (-7.36--6.80)x(192.89+192.89)/2 (-9.45--7.36)x(194.28+192.89)/2	132.08 284.74 96.60 -108.02 -404.59	0.82	
Ric.3-5 39.80	I2	(5.03-5.57)x(192.93+192.93)/2 (4.08-5.03)x(193.56+192.93)/2 (3.40-4.08)x(193.59+193.56)/2 (4.50-3.40)x(193.64+193.69)/2 (5.57-4.50)x(192.93+193.64)/2	-104.18 -183.58 -131.63 213.03 206.81	0.42	
Ric.3-6 44.11	I1	(-8.74--9.42)x(194.27+194.36)/2 (-7.30--8.74)x(193.32+194.27)/2 (-6.80--7.30)x(193.30+193.32)/2 (-7.36--6.80)x(193.00+193.00)/2 (-9.42--7.36)x(194.36+193.00)/2	132.13 279.06 96.66 -108.08 -398.98	0.81	
Ric.3-6	I2	(5.14-5.68)x(192.96+192.96)/2	-104.20	0.79	
A RIPORTARE mq			-104.20		

		CALCOLO DELLE AREE	Foglio n. 12		
TERRENO VEGETALE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			-104.20		
44.11		(4.08-5.14) x (193.67+192.96) / 2 (3.40-4.08) x (193.69+193.67) / 2 (4.50-3.40) x (193.75+193.79) / 2 (5.68-4.50) x (192.96+193.75) / 2	-204.91 -131.70 213.15 228.16		
Ric.3-7 60.41	I1	(-7.61--8.26) x (194.98+195.06) / 2 (-6.07--7.61) x (193.96+194.98) / 2 (-5.57--6.07) x (193.94+193.96) / 2 (-6.13--5.57) x (193.64+193.64) / 2 (-8.26--6.13) x (195.06+193.64) / 2	126.76 299.48 96.97 -108.44 -413.97	0.50	
Ric.3-8 76.72	I1	(-7.76--8.41) x (195.95+196.02) / 2 (-5.16--7.76) x (194.21+195.95) / 2 (-4.66--5.16) x (194.19+194.21) / 2 (-5.22--4.66) x (193.89+193.89) / 2 (-8.41--5.22) x (196.02+193.89) / 2	127.39 507.21 97.10 -108.58 -621.91	0.80	
Ric.3-9 93.30	I1	(-7.47--8.10) x (195.81+195.87) / 2 (-5.16--7.47) x (194.26+195.81) / 2 (-4.66--5.16) x (194.24+194.26) / 2 (-5.22--4.66) x (193.94+193.94) / 2 (-8.10--5.22) x (195.87+193.94) / 2	123.38 450.53 97.13 -108.61 -561.33	1.21	
Ric.3-10 109.60	I1	(-7.59--8.24) x (195.41+195.48) / 2 (-5.66--7.59) x (194.13+195.41) / 2 (-5.16--5.66) x (194.11+194.13) / 2 (-5.73--5.16) x (193.81+193.81) / 2 (-8.24--5.73) x (195.48+193.81) / 2	127.04 375.91 97.06 -110.47 -488.56	1.10	
Ric.3-11 125.90	I1	(-8.53--9.16) x (194.53+194.59) / 2 (-7.24--8.53) x (193.67+194.53) / 2 (-6.74--7.24) x (193.65+193.67) / 2 (-7.30--6.74) x (193.35+193.35) / 2 (-9.16--7.30) x (194.59+193.35) / 2	122.57 250.39 96.83 -108.28 -360.78	0.98	
Ric.3-11 125.90	I2	(4.86-5.38) x (193.50+193.51) / 2 (4.08-4.86) x (194.02+193.50) / 2 (3.40-4.08) x (194.04+194.02) / 2 (4.50-3.40) x (194.10+194.14) / 2 (5.38-4.50) x (193.51+194.10) / 2	-100.62 -151.13 -131.94 213.53 170.55	0.73	
Ric.3-12 131.19	I1	(-8.59--9.26) x (194.39+194.47) / 2 (-7.39--8.59) x (193.59+194.39) / 2 (-6.89--7.39) x (193.57+193.59) / 2 (-7.46--6.89) x (193.27+193.27) / 2 (-9.26--7.46) x (194.47+193.27) / 2	130.27 232.79 96.79 -110.16 -348.97	0.39	
Ric.3-12 131.19	I2	(4.68-5.20) x (193.56+193.57) / 2 (4.08-4.68) x (193.95+193.56) / 2 (3.40-4.08) x (193.98+193.95) / 2 (4.50-3.40) x (194.03+194.08) / 2 (5.20-4.50) x (193.57+194.03) / 2	-100.65 -116.25 -131.90 213.46 135.66	0.72	
Ric.3-13 136.48	I1	(-8.43--9.09) x (194.29+194.37) / 2 (-7.29--8.43) x (193.53+194.29) / 2 (-6.79--7.29) x (193.51+193.53) / 2 (-7.35--6.79) x (193.21+193.21) / 2 (-9.09--7.35) x (194.37+193.21) / 2	128.26 221.06 96.76 -108.20 -337.19	0.32	
Ric.3-13 136.48	I2	(4.78-5.04) x (193.60+193.61) / 2 (4.65-4.78) x (193.51+193.60) / 2 (4.08-4.65) x (193.88+193.51) / 2 (3.40-4.08) x (193.91+193.88) / 2 (4.50-3.40) x (193.97+194.01) / 2 (5.04-4.50) x (193.61+193.97) / 2	-50.34 -25.16 -110.41 -131.85 213.39 104.65	0.69	
Ric.3-14 152.78	I1	(4.74-5.23) x (193.16+193.49) / 2 (4.08-4.74) x (193.60+193.16) / 2	-94.73 -127.63	0.28	
A RIPORTARE mq			-222.36		

		CALCOLO DELLE AREE	Foglio n. 13		
TERRENO VEGETALE					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			-222.36		
Ric.3-14 152.78	I2	$(3.40-4.08) \times (193.63+193.60) / 2$	-131.66	0.34	
		$(4.50-3.40) \times (193.69+193.73) / 2$	213.08		
		$(4.79-4.50) \times (193.49+193.69) / 2$	56.14		
		$(5.23-4.79) \times (193.49+193.49) / 2$	85.14		
		$(-5.70--6.36) \times (193.78+193.87) / 2$	127.92		
Ric.3-15 169.08	I1	$(-5.58--5.70) \times (193.71+193.78) / 2$	23.25	0.31	
		$(-5.08--5.58) \times (193.69+193.71) / 2$	96.85		
		$(-5.64--5.08) \times (193.39+193.39) / 2$	-108.30		
		$(-6.36--5.64) \times (193.87+193.39) / 2$	-139.41		
		$(-5.51--5.47) \times (193.76+193.74) / 2$	-7.75		
Ric.3-15 169.08	I2	$(-5.16--5.51) \times (193.99+193.76) / 2$	67.86	0.21	
		$(-4.66--5.16) \times (193.97+193.99) / 2$	96.99		
		$(-5.22--4.66) \times (193.67+193.67) / 2$	-108.46		
		$(-5.38--5.22) \times (193.74+193.67) / 2$	-30.99		
		$(-5.47--5.38) \times (193.74+193.74) / 2$	-17.44		
Ric.3-16 170.00	I1	$(4.85-5.64) \times (193.02+193.55) / 2$	-152.70	0.52	
		$(4.08-4.85) \times (193.52+193.02) / 2$	-148.82		
		$(3.40-4.08) \times (193.55+193.52) / 2$	-131.60		
		$(4.50-3.40) \times (193.61+193.65) / 2$	212.99		
		$(4.60-4.50) \times (193.54+193.61) / 2$	19.36		
Ric.3-16 170.00	I2	$(5.64-4.60) \times (193.55+193.54) / 2$	201.29	0.21	
		$(-5.53--5.19) \times (193.76+193.76) / 2$	-65.88		
		$(-5.14--5.53) \times (194.01+193.76) / 2$	75.62		
		$(-4.64--5.14) \times (193.99+194.01) / 2$	97.00		
		$(-5.08--4.64) \times (193.69+193.69) / 2$	-85.22		
Ric.3-16 170.00	I2	$(-5.19--5.08) \times (193.76+193.69) / 2$	-21.31	0.55	
		$(4.85-5.67) \times (193.01+193.55) / 2$	-158.49		
		$(4.08-4.85) \times (193.52+193.01) / 2$	-148.81		
		$(3.40-4.08) \times (193.55+193.52) / 2$	-131.60		
		$(4.50-3.40) \times (193.60+193.65) / 2$	212.99		
		$(4.58-4.50) \times (193.55+193.60) / 2$	15.49		
		$(5.67-4.58) \times (193.55+193.55) / 2$	210.97		
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 14		
MISTO GRANULARE COMPATTATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
Ric.3-1 0.00	L1	(4.06-4.91) x (192.04+192.00) / 2 (3.75-4.06) x (192.36+192.04) / 2 (3.45-3.75) x (192.37+192.36) / 2 (3.40-3.45) x (192.43+192.43) / 2 (4.08-3.40) x (192.55+192.58) / 2 (4.91-4.08) x (192.00+192.55) / 2	-163.22 -59.58 -57.71 -9.62 130.94 159.59		
Ric.3-2 2.88	L1	(4.06-4.88) x (192.10+192.07) / 2 (3.75-4.06) x (192.41+192.10) / 2 (3.45-3.75) x (192.42+192.41) / 2 (3.40-3.45) x (192.48+192.48) / 2 (4.08-3.40) x (192.60+192.63) / 2 (4.88-4.08) x (192.07+192.60) / 2	-157.51 -59.60 -57.72 -9.62 130.98 153.87	0.40	
Ric.3-3 19.19	L1	(4.04-4.74) x (192.48+192.49) / 2 (3.75-4.04) x (192.77+192.48) / 2 (3.45-3.75) x (192.76+192.77) / 2 (3.40-3.45) x (192.81+192.81) / 2 (4.08-3.40) x (192.93+192.96) / 2 (4.74-4.08) x (192.49+192.93) / 2	-134.74 -55.86 -57.83 -9.64 131.20 127.19	0.40	
Ric.3-4 35.49	L1	(4.03-4.65) x (193.03+193.08) / 2 (3.75-4.03) x (193.31+193.03) / 2 (3.45-3.75) x (193.29+193.31) / 2 (3.40-3.45) x (193.33+193.33) / 2 (4.08-3.40) x (193.45+193.48) / 2 (4.65-4.08) x (193.08+193.45) / 2	-119.69 -54.09 -57.99 -9.67 131.56 110.16	0.32	
Ric.3-5 39.80	L1	(4.03-4.65) x (193.14+193.19) / 2 (3.75-4.03) x (193.42+193.14) / 2 (3.45-3.75) x (193.40+193.42) / 2 (3.40-3.45) x (193.44+193.44) / 2 (4.08-3.40) x (193.56+193.59) / 2 (4.65-4.08) x (193.19+193.56) / 2	-119.76 -54.12 -58.02 -9.67 131.63 110.22	0.28	
Ric.3-6 44.11	L1	(4.03-4.65) x (193.25+193.29) / 2 (3.75-4.03) x (193.53+193.25) / 2 (3.45-3.75) x (193.51+193.53) / 2 (3.40-3.45) x (193.54+193.54) / 2 (4.08-3.40) x (193.67+193.69) / 2 (4.65-4.08) x (193.29+193.67) / 2	-119.83 -54.15 -58.06 -9.68 131.70 110.28	0.28	
Ric.3-11 125.90	L1	(4.03-4.65) x (193.60+193.64) / 2 (3.75-4.03) x (193.88+193.60) / 2 (3.45-3.75) x (193.86+193.88) / 2 (3.40-3.45) x (193.89+193.89) / 2 (4.08-3.40) x (194.02+194.04) / 2 (4.65-4.08) x (193.64+194.02) / 2	-120.04 -54.25 -58.16 -9.69 131.94 110.48	0.26	
Ric.3-12 131.19	L1	(4.03-4.65) x (193.53+193.58) / 2 (3.75-4.03) x (193.81+193.53) / 2 (3.45-3.75) x (193.79+193.81) / 2 (3.40-3.45) x (193.83+193.83) / 2 (4.08-3.40) x (193.95+193.98) / 2 (4.65-4.08) x (193.58+193.95) / 2	-120.00 -54.23 -58.14 -9.69 131.90 110.45	0.28	
Ric.3-13 136.48	L1	(4.03-4.65) x (193.46+193.51) / 2 (3.75-4.03) x (193.75+193.46) / 2 (3.45-3.75) x (193.72+193.75) / 2 (3.40-3.45) x (193.76+193.76) / 2 (4.08-3.40) x (193.88+193.91) / 2 (4.65-4.08) x (193.51+193.88) / 2	-119.96 -54.21 -58.12 -9.69 131.85 110.41	0.29	
Ric.3-14 152.78	L1	(4.04-4.74) x (193.15+193.16) / 2 (3.75-4.04) x (193.44+193.15) / 2 (3.45-3.75) x (193.44+193.44) / 2 (3.40-3.45) x (193.48+193.48) / 2 (4.08-3.40) x (193.60+193.63) / 2 (4.74-4.08) x (193.16+193.60) / 2	-135.21 -56.06 -58.03 -9.67 131.66 127.63	0.28	
A RIPORTARE mq					
				0.32	

		CALCOLO DELLE AREE	Foglio n. 15		
MISTO GRANULARE COMPATTATO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq					
Ric.3-15 169.08	L1	$(4.06-4.85) \times (193.03+193.02) / 2$ $(3.75-4.06) \times (193.34+193.03) / 2$ $(3.45-3.75) \times (193.35+193.34) / 2$ $(3.40-3.45) \times (193.40+193.40) / 2$ $(4.08-3.40) \times (193.52+193.55) / 2$ $(4.85-4.08) \times (193.02+193.52) / 2$	-152.49 -59.89 -58.00 -9.67 131.60 148.82	0.37	
Ric.3-16 170.00	L1	$(4.06-4.85) \times (193.03+193.01) / 2$ $(3.75-4.06) \times (193.34+193.03) / 2$ $(3.45-3.75) \times (193.34+193.34) / 2$ $(3.40-3.45) \times (193.40+193.40) / 2$ $(4.08-3.40) \times (193.52+193.55) / 2$ $(4.85-4.08) \times (193.01+193.52) / 2$	-152.49 -59.89 -58.00 -9.67 131.60 148.81	0.36	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 16		
SCAVO PER BONIFICA IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
Ric.3-1 0.00	P1	(-5.18--6.02)x(192.76+193.31)/2 (-4.62--5.18)x(192.76+192.76)/2 (-3.27--4.62)x(192.35+192.35)/2 (-0.01--3.27)x(192.23+192.35)/2 (3.25--0.01)x(192.08+192.23)/2 (4.06-3.25)x(192.04+192.08)/2 (4.36-4.06)x(192.03+192.04)/2 (3.69-4.36)x(191.46+191.03)/2 (3.44-3.69)x(191.53+191.46)/2 (3.20-3.44)x(191.58+191.53)/2 (-1.75-3.20)x(191.81+191.58)/2 (-2.38--1.75)x(191.83+191.81)/2 (-3.24--2.38)x(191.85+191.83)/2 (-3.45--3.24)x(191.81+191.85)/2 (-3.74--3.45)x(191.75+191.81)/2 (-3.90--3.74)x(191.85+191.75)/2 (-4.18--3.90)x(192.02+191.85)/2 (-6.02--4.18)x(192.31+192.02)/2	162.15 107.95 259.67 626.87 626.43 155.57 57.61 -128.13 -47.87 -45.97 -948.89 -120.85 -164.98 -40.28 -55.62 -30.69 -53.74 -353.58		
Ric.3-2 2.88	P1	(-5.22--6.11)x(192.75+193.34)/2 (-4.66--5.22)x(192.75+192.75)/2 (-3.31--4.66)x(192.34+192.34)/2 (-0.03--3.31)x(192.25+192.34)/2 (3.25--0.03)x(192.13+192.25)/2 (4.06-3.25)x(192.10+192.13)/2 (4.31-4.06)x(192.09+192.10)/2 (3.70-4.31)x(191.48+191.09)/2 (3.33-3.70)x(191.59+191.48)/2 (3.17-3.33)x(191.63+191.59)/2 (-0.32-3.17)x(191.79+191.63)/2 (-0.76--0.32)x(191.80+191.79)/2 (-3.24--0.76)x(191.86+191.80)/2 (-3.70--3.24)x(191.77+191.86)/2 (-3.75--3.70)x(191.76+191.77)/2 (-4.20--3.75)x(192.02+191.76)/2 (-4.24--4.20)x(192.04+192.02)/2 (-5.06--4.24)x(192.17+192.04)/2 (-6.11--5.06)x(192.34+192.17)/2	171.81 107.94 259.66 630.73 630.38 155.61 48.02 -116.68 -70.87 -30.66 -669.07 -84.39 -475.74 -88.23 -9.59 -86.35 -7.68 -157.53 -201.87	5.65	
Ric.3-3 19.19	P1	(-5.66--6.94)x(192.71+193.57)/2 (-5.10--5.66)x(192.71+192.71)/2 (-6.94--5.10)x(192.57+192.27)/2	247.22 107.92 -354.05	5.49	
Ric.3-3 19.19	P2	(-3.75--5.10)x(192.30+192.30)/2 (-0.25--3.75)x(192.38+192.30)/2 (3.25--0.25)x(192.46+192.38)/2 (4.04-3.25)x(192.48+192.46)/2 (4.26-4.04)x(192.48+192.48)/2 (4.14-4.26)x(191.55+191.48)/2 (4.02-4.14)x(191.58+191.55)/2 (3.34-4.02)x(191.79+191.58)/2 (2.17-3.34)x(191.82+191.79)/2 (-0.23-2.17)x(191.87+191.82)/2 (-3.02--0.23)x(191.90+191.87)/2 (-3.34--3.02)x(191.84+191.90)/2 (-3.61--3.34)x(191.80+191.84)/2 (-3.94--3.61)x(191.96+191.80)/2 (-4.34--3.94)x(192.15+191.96)/2 (-5.10--4.34)x(192.27+192.15)/2	259.60 673.19 673.47 152.05 42.35 -22.98 -22.99 -130.35 -224.41 -460.43 -535.36 -61.40 -51.79 -63.32 -76.82 -146.08	1.09	
Ric.3-4 35.49	P1	(-7.40--9.35)x(192.91+194.21)/2 (-9.35--7.40)x(193.21+192.91)/2	377.44 -376.47	4.73	
Ric.3-4 35.49	P2	(-0.44--4.39)x(192.72+192.44)/2 (2.37--0.44)x(192.92+192.72)/2 (-1.49-2.37)x(191.95+191.92)/2 (-1.86--1.49)x(191.89+191.95)/2 (-2.16--1.86)x(191.83+191.89)/2 (-2.67--2.16)x(192.06+191.83)/2 (-3.14--2.67)x(192.25+192.06)/2	760.69 541.82 -740.87 -71.01 -57.56 -97.89 -90.31	0.97	
A RIPORTARE mq			244.87		

		CALCOLO DELLE AREE	Foglio n. 17		
SCAVO PER BONIFICA IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			244.87		
Ric.3-5 39.80	P1	(-4.39--3.14)x(192.44+192.25)/2 (-0.45--4.28)x(192.83+192.56)/2 (1.26--0.45)x(192.95+192.83)/2 (0.57-1.26)x(191.95+191.95)/2 (-0.70-0.57)x(191.96+191.95)/2 (-0.78--0.70)x(191.95+191.96)/2 (-1.38--0.78)x(191.85+191.95)/2 (-1.47--1.38)x(191.88+191.85)/2 (-2.44--1.47)x(192.28+191.88)/2 (-2.94--2.44)x(192.36+192.28)/2 (-4.28--2.94)x(192.56+192.36)/2	-240.43 738.02 329.84 -132.45 -243.78 -15.36 -115.14 -17.27 -186.32 -96.16 -257.90	4.44	
Ric.3-6 44.11	P1	(-0.55--4.29)x(192.93+192.67)/2 (-0.67--0.55)x(191.95+191.93)/2 (-1.03--0.67)x(192.10+191.95)/2 (-1.34--1.03)x(192.26+192.10)/2 (-4.29--1.34)x(192.67+192.26)/2	721.07 -23.03 -69.13 -59.58 -567.77	3.48	
Ric.3-7 60.41	P1	(-0.25--1.59)x(193.33+193.29)/2 (3.25--0.25)x(193.40+193.33)/2 (-1.59-3.25)x(193.29+192.73)/2	259.04 676.78 -934.17	1.56	
Ric.3-11 125.90	P1	(-0.44--3.53)x(193.28+193.07)/2 (1.07--0.44)x(193.39+193.28)/2 (0.84-1.07)x(192.38+192.39)/2 (0.51-0.84)x(192.45+192.38)/2 (0.36-0.51)x(192.48+192.45)/2 (-0.21-0.36)x(192.78+192.48)/2 (-0.57--0.21)x(192.79+192.78)/2 (-3.53--0.57)x(193.07+192.79)/2	596.91 291.94 -44.25 -63.50 -28.87 -109.80 -69.40 -571.07	1.65	
Ric.3-12 131.19	P1	(-0.45--4.57)x(193.22+192.93)/2 (3.25--0.45)x(193.48+193.22)/2 (4.03-3.25)x(193.53+193.48)/2 (4.18-4.03)x(193.54+193.53)/2 (2.28-4.18)x(192.49+192.54)/2 (-0.37-2.28)x(192.42+192.49)/2 (-0.50--0.37)x(192.44+192.42)/2 (-0.85--0.50)x(192.52+192.44)/2 (-1.06--0.85)x(192.63+192.52)/2 (-1.91--1.06)x(192.68+192.63)/2 (-4.57--1.91)x(192.93+192.68)/2	795.47 715.39 150.93 29.03 -365.78 -510.01 -25.02 -67.37 -40.44 -163.76 -512.86	1.96	
Ric.3-13 136.48	P1	(-0.44--4.80)x(193.15+192.85)/2 (3.25--0.44)x(193.41+193.15)/2 (4.03-3.25)x(193.46+193.41)/2 (4.65-4.03)x(193.51+193.46)/2 (4.78-4.65)x(193.60+193.51)/2 (3.41-4.78)x(192.56+192.60)/2 (0.21-3.41)x(192.47+192.56)/2 (-0.12-0.21)x(192.47+192.47)/2 (-0.87--0.12)x(192.46+192.47)/2 (-1.36--0.87)x(192.45+192.46)/2 (-1.37--1.36)x(192.45+192.45)/2 (-1.81--1.37)x(192.56+192.45)/2 (-2.76--1.81)x(192.61+192.56)/2 (-2.94--2.76)x(192.61+192.61)/2 (-4.80--2.94)x(192.85+192.61)/2	841.48 713.20 150.88 119.96 25.16 -263.83 -616.05 -63.52 -144.35 -94.30 -1.92 -84.70 -182.96 -34.67 -358.48	5.58	
Ric.3-14 152.78	P1	(-5.64--6.36)x(193.39+193.87)/2 (-5.08--5.64)x(193.39+193.39)/2 (-3.73--5.08)x(192.98+192.98)/2 (-0.24--3.73)x(193.05+192.98)/2 (3.25--0.24)x(193.13+193.05)/2 (4.04-3.25)x(193.15+193.13)/2 (4.19-4.04)x(193.15+193.15)/2 (3.96-4.19)x(192.29+192.15)/2	139.41 108.30 260.52 673.62 673.88 152.58 28.97 -44.21	5.90	
A RIPORTARE mq			1993.07		

		CALCOLO DELLE AREE	Foglio n. 18		
SCAVO PER BONIFICA IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			1993.07		
Ric.3-15 169.08	P1	(3.67-3.96)x(192.47+192.29)/2	-55.79	5.79	
		(3.03-3.67)x(192.48+192.47)/2	-123.18		
		(-3.20-3.03)x(192.55+192.48)/2	-1199.37		
		(-3.50--3.20)x(192.66+192.55)/2	-57.78		
		(-3.51--3.50)x(192.66+192.66)/2	-1.93		
		(-4.50--3.51)x(192.63+192.66)/2	-190.72		
		(-4.52--4.50)x(192.63+192.63)/2	-3.85		
		(-4.57--4.52)x(192.64+192.63)/2	-9.63		
		(-6.36--4.57)x(192.87+192.64)/2	-345.03		
		(-5.22--5.38)x(193.67+193.74)/2	30.99		
		(-4.66--5.22)x(193.67+193.67)/2	108.46		
Ric.3-16 170.00	P1	(-3.31--4.66)x(193.26+193.26)/2	260.90	5.44	
		(-0.03--3.31)x(193.12+193.26)/2	633.66		
		(3.25--0.03)x(193.05+193.12)/2	633.32		
		(4.06-3.25)x(193.03+193.05)/2	156.36		
		(4.31-4.06)x(193.03+193.03)/2	48.26		
		(3.50-4.31)x(192.54+192.03)/2	-155.75		
		(0.16-3.50)x(192.60+192.54)/2	-643.18		
		(-3.39-0.16)x(192.76+192.60)/2	-684.01		
		(-4.20--3.39)x(192.75+192.76)/2	-156.13		
		(-5.38--4.20)x(192.74+192.75)/2	-227.44		
		(-5.08--5.19)x(193.69+193.76)/2	21.31		
		(-4.64--5.08)x(193.69+193.69)/2	85.22	5.25	
		(-3.29--4.64)x(193.28+193.28)/2	260.93		
		(-0.02--3.29)x(193.13+193.28)/2	631.78		
		(3.25--0.02)x(193.05+193.13)/2	631.40		
		(4.06-3.25)x(193.03+193.05)/2	156.36		
		(4.33-4.06)x(193.02+193.03)/2	52.12		
		(3.50-4.33)x(192.54+192.02)/2	-159.59		
		(0.90-3.50)x(192.59+192.54)/2	-500.67		
		(-3.32-0.90)x(192.78+192.59)/2	-813.13		
		(-3.95--3.32)x(192.78+192.78)/2	-121.45		
		(-5.19--3.95)x(192.76+192.78)/2	-239.03		
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 19		
ANTICAPILLARE TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
Ric.3-1 0.00	Q1	$(-4.18--6.02) \times (192.42+192.71) / 2$ $(-3.90--4.18) \times (192.25+192.42) / 2$ $(-3.74--3.90) \times (192.15+192.25) / 2$ $(-3.45--3.74) \times (192.21+192.15) / 2$ $(-3.24--3.45) \times (192.25+192.21) / 2$ $(-2.38--3.24) \times (192.23+192.25) / 2$ $(-1.75--2.38) \times (192.21+192.23) / 2$ $(3.20--1.75) \times (191.98+192.21) / 2$ $(3.44-3.20) \times (191.93+191.98) / 2$ $(3.69-3.44) \times (191.86+191.93) / 2$ $(4.36-3.69) \times (191.43+191.86) / 2$ $(3.69-4.36) \times (191.46+191.03) / 2$ $(3.44-3.69) \times (191.53+191.46) / 2$ $(3.20-3.44) \times (191.58+191.53) / 2$ $(-1.75-3.20) \times (191.81+191.58) / 2$ $(-2.38--1.75) \times (191.83+191.81) / 2$ $(-3.24--2.38) \times (191.85+191.83) / 2$ $(-3.45--3.24) \times (191.81+191.85) / 2$ $(-3.74--3.45) \times (191.75+191.81) / 2$ $(-3.90--3.74) \times (191.85+191.75) / 2$ $(-4.18--3.90) \times (192.02+191.85) / 2$ $(-6.02--4.18) \times (192.31+192.02) / 2$	354.32 53.85 30.75 55.73 40.37 165.33 121.10 950.87 46.07 47.97 128.40 -128.13 -47.87 -45.97 -948.89 -120.85 -164.98 -40.28 -55.62 -30.69 -53.74 -353.58	4.16	
Ric.3-2 2.88	Q1	$(-5.06--6.11) \times (192.57+192.74) / 2$ $(-4.24--5.06) \times (192.44+192.57) / 2$ $(-4.20--4.24) \times (192.42+192.44) / 2$ $(-3.75--4.20) \times (192.16+192.42) / 2$ $(-3.70--3.75) \times (192.17+192.16) / 2$ $(-3.24--3.70) \times (192.26+192.17) / 2$ $(-0.76--3.24) \times (192.20+192.26) / 2$ $(-0.32--0.76) \times (192.19+192.20) / 2$ $(3.17--0.32) \times (192.03+192.19) / 2$ $(3.33-3.17) \times (191.99+192.03) / 2$ $(3.70-3.33) \times (191.88+191.99) / 2$ $(4.31-3.70) \times (191.49+191.88) / 2$ $(3.70-4.31) \times (191.48+191.09) / 2$ $(3.33-3.70) \times (191.59+191.48) / 2$ $(3.17-3.33) \times (191.63+191.59) / 2$ $(-0.32-3.17) \times (191.79+191.63) / 2$ $(-0.76--0.32) \times (191.80+191.79) / 2$ $(-3.24--0.76) \times (191.86+191.80) / 2$ $(-3.70--3.24) \times (191.77+191.86) / 2$ $(-3.75--3.70) \times (191.76+191.77) / 2$ $(-4.20--3.75) \times (192.02+191.76) / 2$ $(-4.24--4.20) \times (192.04+192.02) / 2$ $(-5.06--4.24) \times (192.17+192.04) / 2$ $(-6.11--5.06) \times (192.34+192.17) / 2$	202.29 157.85 7.70 86.53 9.61 88.42 476.73 84.57 670.46 30.72 71.02 116.93 -116.68 -70.87 -30.66 -669.07 -84.39 -475.74 -88.23 -9.59 -86.35 -7.68 -157.53 -201.87	4.17	
Ric.3-3 19.19	Q1	$(-4.34--6.94) \times (192.55+192.97) / 2$ $(-3.94--4.34) \times (192.36+192.55) / 2$ $(-3.61--3.94) \times (192.20+192.36) / 2$ $(-3.34--3.61) \times (192.24+192.20) / 2$ $(-3.02--3.34) \times (192.30+192.24) / 2$ $(-0.23--3.02) \times (192.27+192.30) / 2$ $(2.17--0.23) \times (192.22+192.27) / 2$ $(3.34-2.17) \times (192.19+192.22) / 2$ $(4.02-3.34) \times (191.98+192.19) / 2$ $(4.14-4.02) \times (191.95+191.98) / 2$ $(4.26-4.14) \times (191.88+191.95) / 2$ $(4.14-4.26) \times (191.55+191.48) / 2$ $(4.02-4.14) \times (191.58+191.55) / 2$ $(3.34-4.02) \times (191.79+191.58) / 2$ $(2.17-3.34) \times (191.82+191.79) / 2$ $(-0.23-2.17) \times (191.87+191.82) / 2$ $(-3.02--0.23) \times (191.90+191.87) / 2$ $(-3.34--3.02) \times (191.84+191.90) / 2$ $(-3.61--3.34) \times (191.80+191.84) / 2$ $(-3.94--3.61) \times (191.96+191.80) / 2$ $(-4.34--3.94) \times (192.15+191.96) / 2$ $(-6.94--4.34) \times (192.57+192.15) / 2$	501.18 76.98 63.45 51.90 61.53 536.48 461.39 224.88 130.62 23.04 23.03 -22.98 -22.99 -130.35 -224.41 -460.43 -535.36 -61.40 -51.79 -63.32 -76.82 -500.14		
A RIPORTARE mq			4.49		

		CALCOLO DELLE AREE	Foglio n. 20		
ANTICAPILLARE TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			4.49		
Ric.3-4 35.49	Q1	$(-3.14--9.35) \times (192.65+193.61) / 2$ $(-2.67--3.14) \times (192.46+192.65) / 2$ $(-2.16--2.67) \times (192.23+192.46) / 2$ $(-1.86--2.16) \times (192.29+192.23) / 2$ $(-1.49--1.86) \times (192.35+192.29) / 2$ $(2.37--1.49) \times (192.32+192.35) / 2$ $(-1.49-2.37) \times (191.95+191.92) / 2$ $(-1.86--1.49) \times (191.89+191.95) / 2$ $(-2.16--1.86) \times (191.83+191.89) / 2$ $(-2.67--2.16) \times (192.06+191.83) / 2$ $(-3.14--2.67) \times (192.25+192.06) / 2$ $(-9.35--3.14) \times (193.21+192.25) / 2$	1199.34 90.50 98.10 57.68 71.16 742.41 -740.87 -71.01 -57.56 -97.89 -90.31 -1196.85	4.49	
Ric.3-5 39.80	Q1	$(-3.81--4.28) \times (192.89+192.96) / 2$ $(-2.94--3.81) \times (192.76+192.89) / 2$ $(-2.44--2.94) \times (192.68+192.76) / 2$ $(-1.47--2.44) \times (192.28+192.68) / 2$ $(-1.38--1.47) \times (192.25+192.28) / 2$ $(-0.78--1.38) \times (192.35+192.25) / 2$ $(-0.70--0.78) \times (192.36+192.35) / 2$ $(0.57--0.70) \times (192.35+192.36) / 2$ $(1.26-0.57) \times (192.35+192.35) / 2$ $(0.57-1.26) \times (191.95+191.95) / 2$ $(-0.70-0.57) \times (191.96+191.95) / 2$ $(-0.78--0.70) \times (191.95+191.96) / 2$ $(-1.38--0.78) \times (191.85+191.95) / 2$ $(-1.47--1.38) \times (191.88+191.85) / 2$ $(-2.44--1.47) \times (192.28+191.88) / 2$ $(-2.94--2.44) \times (192.36+192.28) / 2$ $(-4.28--2.94) \times (192.56+192.36) / 2$	90.67 167.76 96.36 186.71 17.30 115.38 15.39 244.29 132.72 -132.45 -243.78 -15.36 -115.14 -17.27 -186.32 -96.16 -257.90	4.70	
Ric.3-6 44.11	Q1	$(-1.34--4.29) \times (192.66+193.07) / 2$ $(-1.03--1.34) \times (192.50+192.66) / 2$ $(-0.67--1.03) \times (192.35+192.50) / 2$ $(-0.55--0.67) \times (192.33+192.35) / 2$ $(-0.67--0.55) \times (191.95+191.93) / 2$ $(-1.03--0.67) \times (192.10+191.95) / 2$ $(-1.34--1.03) \times (192.26+192.10) / 2$ $(-4.29--1.34) \times (192.67+192.26) / 2$	568.95 59.70 69.27 23.08 -23.03 -69.13 -59.58 -567.77	2.20	
Ric.3-7 60.41	Q1	$(3.25--1.59) \times (193.13+193.69) / 2$ $(-1.59-3.25) \times (193.29+192.73) / 2$	936.10 -934.17	1.49	
Ric.3-11 125.90	Q1	$(-0.57--3.53) \times (193.19+193.47) / 2$ $(-0.21--0.57) \times (193.18+193.19) / 2$ $(0.36--0.21) \times (192.88+193.18) / 2$ $(0.51-0.36) \times (192.85+192.88) / 2$ $(0.84-0.51) \times (192.78+192.85) / 2$ $(1.07-0.84) \times (192.79+192.78) / 2$ $(0.84-1.07) \times (192.38+192.39) / 2$ $(0.51-0.84) \times (192.45+192.38) / 2$ $(0.36-0.51) \times (192.48+192.45) / 2$ $(-0.21-0.36) \times (192.78+192.48) / 2$ $(-0.57--0.21) \times (192.79+192.78) / 2$ $(-3.53--0.57) \times (193.07+192.79) / 2$	572.26 69.55 110.03 28.93 63.63 44.34 -44.25 -63.50 -28.87 -109.80 -69.40 -571.07	1.93	
Ric.3-12 131.19	Q1	$(-1.91--4.57) \times (193.08+193.33) / 2$ $(-1.06--1.91) \times (193.03+193.08) / 2$ $(-0.85--1.06) \times (192.92+193.03) / 2$ $(-0.50--0.85) \times (192.84+192.92) / 2$ $(-0.37--0.50) \times (192.82+192.84) / 2$ $(2.28--0.37) \times (192.89+192.82) / 2$ $(4.18-2.28) \times (192.94+192.89) / 2$ $(2.28-4.18) \times (192.49+192.54) / 2$ $(-0.37-2.28) \times (192.42+192.49) / 2$ $(-0.50--0.37) \times (192.44+192.42) / 2$ $(-0.85--0.50) \times (192.52+192.44) / 2$	513.93 164.10 40.52 67.51 25.07 511.07 366.54 -365.78 -510.01 -25.02 -67.37	1.85	
A RIPORTARE mq			720.56		

		CALCOLO DELLE AREE		Foglio n. 21	
ANTICAPILLARE TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			720.56		
Ric.3-13 136.48	Q1	(-1.06--0.85)x(192.63+192.52)/2	-40.44	3.50	
		(-1.91--1.06)x(192.68+192.63)/2	-163.76		
		(-4.57--1.91)x(192.93+192.68)/2	-512.86		
		(-2.94--4.80)x(193.01+193.25)/2	359.22		
		(-2.76--2.94)x(193.01+193.01)/2	34.74		
		(-1.81--2.76)x(192.96+193.01)/2	183.34		
		(-1.37--1.81)x(192.85+192.96)/2	84.88		
		(-1.36--1.37)x(192.85+192.85)/2	1.93		
		(-0.87--1.36)x(192.86+192.85)/2	94.50		
		(-0.12--0.87)x(192.87+192.86)/2	144.65		
		(0.21--0.12)x(192.87+192.87)/2	63.65		
		(3.41-0.21)x(192.96+192.87)/2	617.33		
		(4.78-3.41)x(193.00+192.96)/2	264.38		
Ric.3-14 152.78	Q1	(3.41-4.78)x(192.56+192.60)/2	-263.83	3.84	
		(0.21-3.41)x(192.47+192.56)/2	-616.05		
		(-0.12-0.21)x(192.47+192.47)/2	-63.52		
		(-0.87--0.12)x(192.46+192.47)/2	-144.35		
		(-1.36--0.87)x(192.45+192.46)/2	-94.30		
		(-1.37--1.36)x(192.45+192.45)/2	-1.92		
		(-1.81--1.37)x(192.56+192.45)/2	-84.70		
		(-2.76--1.81)x(192.61+192.56)/2	-182.96		
		(-2.94--2.76)x(192.61+192.61)/2	-34.67		
		(-4.80--2.94)x(192.85+192.61)/2	-358.48		
		(-4.57--6.36)x(193.04+193.27)/2	345.75		
		(-4.52--4.57)x(193.03+193.04)/2	9.65		
		(-4.50--4.52)x(193.03+193.03)/2	3.86		
Ric.3-15 169.08	Q1	(-3.51--4.50)x(193.06+193.03)/2	191.11	4.22	
		(-3.50--3.51)x(193.06+193.06)/2	1.93		
		(-3.20--3.50)x(192.95+193.06)/2	57.90		
		(3.03--3.20)x(192.88+192.95)/2	1201.86		
		(3.67-3.03)x(192.87+192.88)/2	123.44		
		(3.96-3.67)x(192.69+192.87)/2	55.91		
		(4.19-3.96)x(192.55+192.69)/2	44.30		
		(3.96-4.19)x(192.29+192.15)/2	-44.21		
		(3.67-3.96)x(192.47+192.29)/2	-55.79		
		(3.03-3.67)x(192.48+192.47)/2	-123.18		
		(-3.20-3.03)x(192.55+192.48)/2	-1199.37		
		(-3.50--3.20)x(192.66+192.55)/2	-57.78		
		(-3.51--3.50)x(192.66+192.66)/2	-1.93		
Ric.3-16 170.00	Q1	(-4.50--3.51)x(192.63+192.66)/2	-190.72	3.88	
		(-4.52--4.50)x(192.63+192.63)/2	-3.85		
		(-4.57--4.52)x(192.64+192.63)/2	-9.63		
		(-6.36--4.57)x(192.87+192.64)/2	-345.03		
		(-4.20--5.38)x(193.15+193.14)/2	227.91		
		(-3.39--4.20)x(193.16+193.15)/2	156.46		
		(0.16--3.39)x(193.00+193.16)/2	685.43		
		(3.50-0.16)x(192.94+193.00)/2	644.52		
		(4.31-3.50)x(192.43+192.94)/2	156.07		
		(3.50-4.31)x(192.54+192.03)/2	-155.75		
		(0.16-3.50)x(192.60+192.54)/2	-643.18		
		(-3.39-0.16)x(192.76+192.60)/2	-684.01		
		(-4.20--3.39)x(192.75+192.76)/2	-156.13		
(-5.38--4.20)x(192.74+192.75)/2	-227.44				
Ric.3-16 170.00	Q1	(-3.95--5.19)x(193.18+193.16)/2	239.53	3.81	
		(-3.32--3.95)x(193.18+193.18)/2	121.70		
		(0.90--3.32)x(192.99+193.18)/2	814.82		
		(3.50-0.90)x(192.94+192.99)/2	501.71		
		(4.33-3.50)x(192.42+192.94)/2	159.92		
		(3.50-4.33)x(192.54+192.02)/2	-159.59		
		(0.90-3.50)x(192.59+192.54)/2	-500.67		
		(-3.32-0.90)x(192.78+192.59)/2	-813.13		
		(-3.95--3.32)x(192.78+192.78)/2	-121.45		
		(-5.19--3.95)x(192.76+192.78)/2	-239.03		
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 22		
RILEVATO 3					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
Ric.3-1 0.00	T1	$(-5.18--6.02) \times (192.76+193.31) / 2$ $(-4.62--5.18) \times (192.76+192.76) / 2$ $(-6.02--4.62) \times (192.71+192.49) / 2$	162.15 107.95 -269.64		
Ric.3-1 0.00	T2	$(-3.27--4.06) \times (192.35+192.35) / 2$ $(-0.01--3.27) \times (192.23+192.35) / 2$ $(3.25--0.01) \times (192.08+192.23) / 2$ $(-1.75--3.25) \times (192.21+192.08) / 2$ $(-2.38--1.75) \times (192.23+192.21) / 2$ $(-3.24--2.38) \times (192.25+192.23) / 2$ $(-3.45--3.24) \times (192.21+192.25) / 2$ $(-3.74--3.45) \times (192.15+192.21) / 2$ $(-3.90--3.74) \times (192.25+192.15) / 2$ $(-4.06--3.90) \times (192.35+192.25) / 2$	151.96 626.87 626.43 -960.73 -121.10 -165.33 -40.37 -55.73 -30.75 -30.77	0.46	
Ric.3-1 0.00	T3	$(4.06-3.25) \times (192.04+192.08) / 2$ $(4.36-4.06) \times (192.03+192.04) / 2$ $(3.69-4.36) \times (191.86+191.43) / 2$ $(3.44-3.69) \times (191.93+191.86) / 2$ $(3.20-3.44) \times (191.98+191.93) / 2$ $(3.25-3.20) \times (192.08+191.98) / 2$	155.57 57.61 -128.40 -47.97 -46.07 9.60	0.48	
Ric.3-2 2.88	T1	$(-5.22--6.11) \times (192.75+193.34) / 2$ $(-4.66--5.22) \times (192.75+192.75) / 2$ $(-5.06--4.66) \times (192.57+192.51) / 2$ $(-6.11--5.06) \times (192.74+192.57) / 2$	171.81 107.94 -77.02 -202.29	0.34	
Ric.3-2 2.88	T2	$(-0.03--3.31) \times (192.25+192.34) / 2$ $(3.25--0.03) \times (192.13+192.25) / 2$ $(4.06-3.25) \times (192.10+192.13) / 2$ $(4.31-4.06) \times (192.09+192.10) / 2$ $(3.70-4.31) \times (191.88+191.49) / 2$ $(3.33-3.70) \times (191.99+191.88) / 2$ $(3.17-3.33) \times (192.03+191.99) / 2$ $(-0.32--3.17) \times (192.19+192.03) / 2$ $(-0.76--0.32) \times (192.20+192.19) / 2$ $(-3.24--0.76) \times (192.26+192.20) / 2$ $(-3.31--3.24) \times (192.34+192.26) / 2$	630.73 630.38 155.61 48.02 -116.93 -71.02 -30.72 -670.46 -84.57 -476.73 -13.46	0.44	
Ric.3-3 19.19	T1	$(-5.75--6.94) \times (192.78+193.57) / 2$ $(-6.94--5.75) \times (192.97+192.78) / 2$	229.88 -229.52	0.85	
Ric.3-3 19.19	T2	$(-3.75--3.82) \times (192.30+192.30) / 2$ $(-0.25--3.75) \times (192.38+192.30) / 2$ $(3.25--0.25) \times (192.46+192.38) / 2$ $(4.04-3.25) \times (192.48+192.46) / 2$ $(4.26-4.04) \times (192.48+192.48) / 2$ $(4.14-4.26) \times (191.95+191.88) / 2$ $(4.02-4.14) \times (191.98+191.95) / 2$ $(3.34-4.02) \times (192.19+191.98) / 2$ $(2.17-3.34) \times (192.22+192.19) / 2$ $(-0.23--2.17) \times (192.27+192.22) / 2$ $(-3.02--0.23) \times (192.30+192.27) / 2$ $(-3.34--3.02) \times (192.24+192.30) / 2$ $(-3.61--3.34) \times (192.20+192.24) / 2$ $(-3.82--3.61) \times (192.30+192.20) / 2$	13.46 673.19 673.47 152.05 42.35 -23.03 -23.04 -130.62 -224.88 -461.39 -536.48 -61.53 -51.90 -40.37	0.36	
Ric.3-4 35.49	T1	$(-8.18--9.35) \times (193.43+194.21) / 2$ $(-9.35--8.18) \times (193.61+193.43) / 2$	226.77 -226.42	1.28	
Ric.3-4 35.49	T2	$(-0.44--2.89) \times (192.72+192.55) / 2$ $(2.37--0.44) \times (192.92+192.72) / 2$ $(-1.49--2.37) \times (192.35+192.32) / 2$ $(-1.86--1.49) \times (192.29+192.35) / 2$ $(-2.16--1.86) \times (192.23+192.29) / 2$ $(-2.67--2.16) \times (192.46+192.23) / 2$ $(-2.89--2.67) \times (192.55+192.46) / 2$	471.96 541.82 -742.41 -71.16 -57.68 -98.10 -42.35	0.35	
Ric.3-5 39.80	T1	$(-0.45--2.46) \times (192.83+192.69) / 2$ $(1.26--0.45) \times (192.95+192.83) / 2$	387.45 329.84	2.08	
A RIPORTARE mq			717.29		

		CALCOLO DELLE AREE	Foglio n. 23		
RILEVATO 3					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			717.29		
Ric.3-6 44.11	T1	$(0.57-1.26) \times (192.35+192.35) / 2$ $(-0.70-0.57) \times (192.36+192.35) / 2$ $(-0.78--0.70) \times (192.35+192.36) / 2$ $(-1.38--0.78) \times (192.25+192.35) / 2$ $(-1.47--1.38) \times (192.28+192.25) / 2$ $(-2.46--1.47) \times (192.69+192.28) / 2$	-132.72 -244.29 -15.39 -115.38 -17.30 -190.56	1.65	
Ric.3-7 60.41	T1	$(-0.55--2.38) \times (192.93+192.80) / 2$ $(-0.67--0.55) \times (192.35+192.33) / 2$ $(-1.03--0.67) \times (192.50+192.35) / 2$ $(-1.34--1.03) \times (192.66+192.50) / 2$ $(-2.38--1.34) \times (192.80+192.66) / 2$	352.94 -23.08 -69.27 -59.70 -200.44	0.45	
Ric.3-11 125.90	T1	$(3.25-1.29) \times (193.40+193.36) / 2$ $(1.29-3.25) \times (193.36+193.13) / 2$	379.02 -378.76	0.26	
Ric.3-12 131.19	T1	$(-0.44--1.07) \times (193.28+193.24) / 2$ $(1.07--0.44) \times (193.39+193.28) / 2$ $(0.84-1.07) \times (192.78+192.79) / 2$ $(0.51-0.84) \times (192.85+192.78) / 2$ $(0.36-0.51) \times (192.88+192.85) / 2$ $(-0.21-0.36) \times (193.18+192.88) / 2$ $(-0.57--0.21) \times (193.19+193.18) / 2$ $(-1.07--0.57) \times (193.24+193.19) / 2$	121.75 291.94 -44.34 -63.63 -28.93 -110.03 -69.55 -96.61	0.60	
Ric.3-13 136.48	T1	$(-0.45--2.15) \times (193.22+193.10) / 2$ $(3.25--0.45) \times (193.48+193.22) / 2$ $(4.03-3.25) \times (193.53+193.48) / 2$ $(4.18-4.03) \times (193.54+193.53) / 2$ $(2.28-4.18) \times (192.89+192.94) / 2$ $(-0.37-2.28) \times (192.82+192.89) / 2$ $(-0.50--0.37) \times (192.84+192.82) / 2$ $(-0.85--0.50) \times (192.92+192.84) / 2$ $(-1.06--0.85) \times (193.03+192.92) / 2$ $(-1.91--1.06) \times (193.08+193.03) / 2$ $(-2.15--1.91) \times (193.10+193.08) / 2$	328.37 715.39 150.93 29.03 -366.54 -511.07 -25.07 -67.51 -40.52 -164.10 -46.34	2.57	
Ric.3-14 152.78	T1	$(-0.44--2.59) \times (193.15+193.00) / 2$ $(3.25--0.44) \times (193.41+193.15) / 2$ $(4.03-3.25) \times (193.46+193.41) / 2$ $(4.65-4.03) \times (193.51+193.46) / 2$ $(4.78-4.65) \times (193.60+193.51) / 2$ $(3.41-4.78) \times (192.96+193.00) / 2$ $(0.21-3.41) \times (192.87+192.96) / 2$ $(-0.12-0.21) \times (192.87+192.87) / 2$ $(-0.87--0.12) \times (192.86+192.87) / 2$ $(-1.36--0.87) \times (192.85+192.86) / 2$ $(-1.37--1.36) \times (192.85+192.85) / 2$ $(-1.81--1.37) \times (192.96+192.85) / 2$ $(-2.59--1.81) \times (193.00+192.96) / 2$	415.11 713.20 150.88 119.96 25.16 -264.38 -617.33 -63.65 -144.65 -94.50 -1.93 -84.88 -150.52	2.47	
Ric.3-14 152.78	T2	$(-5.64--6.36) \times (193.39+193.87) / 2$ $(-5.08--5.64) \times (193.39+193.39) / 2$ $(-6.36--5.08) \times (193.27+193.10) / 2$	139.41 108.30 -247.28	0.43	
Ric.3-15 169.08	T1	$(-0.24--3.29) \times (193.05+192.99) / 2$ $(3.25--0.24) \times (193.13+193.05) / 2$ $(4.04-3.25) \times (193.15+193.13) / 2$ $(4.19-4.04) \times (193.15+193.15) / 2$ $(3.96-4.19) \times (192.69+192.55) / 2$ $(3.67-3.96) \times (192.87+192.69) / 2$ $(3.03-3.67) \times (192.88+192.87) / 2$ $(-3.20-3.03) \times (192.95+192.88) / 2$ $(-3.29--3.20) \times (192.99+192.95) / 2$	588.71 673.88 152.58 28.97 -44.30 -55.91 -123.44 -1201.86 -17.37	1.26	
A RIPORTARE mq			400.35		

		CALCOLO DELLE AREE	Foglio n. 24		
RILEVATO 3					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			400.35		
Ric.3-16 170.00	T1	$(-0.03--3.31) \times (193.12+193.26) / 2$	633.66	1.56	
		$(3.25--0.03) \times (193.05+193.12) / 2$	633.32		
		$(4.06-3.25) \times (193.03+193.05) / 2$	156.36		
		$(4.31-4.06) \times (193.03+193.03) / 2$	48.26		
		$(3.50-4.31) \times (192.94+192.43) / 2$	-156.07		
		$(0.16-3.50) \times (193.00+192.94) / 2$	-644.52		
		$(-3.39-0.16) \times (193.16+193.00) / 2$	-685.43		
		$(-4.20--3.39) \times (193.15+193.16) / 2$	-156.46		
		$(-5.38--4.20) \times (193.14+193.15) / 2$	-227.91		
Ric.3-16 170.00	T2	$(-5.08--5.19) \times (193.69+193.76) / 2$	21.31	0.40	
		$(-4.64--5.08) \times (193.69+193.69) / 2$	85.22		
		$(-3.29--4.64) \times (193.28+193.28) / 2$	260.93		
		$(-3.95--3.29) \times (193.18+193.28) / 2$	-127.53		
		$(-5.19--3.95) \times (193.16+193.18) / 2$	-239.53		
Ric.3-16 170.00	T2	$(-0.02--3.29) \times (193.13+193.28) / 2$	631.78	1.01	
		$(3.25--0.02) \times (193.05+193.13) / 2$	631.40		
		$(4.06-3.25) \times (193.03+193.05) / 2$	156.36		
		$(4.33-4.06) \times (193.02+193.03) / 2$	52.12		
		$(3.50-4.33) \times (192.94+192.42) / 2$	-159.92		
		$(0.90-3.50) \times (192.99+192.94) / 2$	-501.71		
		$(-3.32-0.90) \times (193.18+192.99) / 2$	-814.82		
		$(-3.29--3.32) \times (193.28+193.18) / 2$	5.80		
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE			Foglio n. 25
CONGL. BIT. (Binder)					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
Ric.3-1 0.00	a1	$^1((-0.01--3.27)^2+(192.69-192.81)^2)$ $^1((3.25--0.01)^2+(192.54-192.69)^2)$	3.26 3.26	6.52	
Ric.3-2 2.88	a1	$^1((-0.03--3.31)^2+(192.71-192.80)^2)$ $^1((3.25--0.03)^2+(192.59-192.71)^2)$	3.28 3.28	6.56	
Ric.3-3 19.19	a1	$^1((-0.25--3.75)^2+(192.84-192.76)^2)$ $^1((3.25--0.25)^2+(192.92-192.84)^2)$	3.50 3.50	7.00	
Ric.3-4 35.49	a1	$^1((-0.44--5.32)^2+(193.18-192.84)^2)$ $^1((3.25--0.44)^2+(193.44-193.18)^2)$	4.89 3.70	8.59	
Ric.3-5 39.80	a1	$^1((-0.45--5.45)^2+(193.29-192.94)^2)$ $^1((3.25--0.45)^2+(193.55-193.29)^2)$	5.01 3.71	8.72	
Ric.3-6 44.11	a1	$^1((-0.44--5.45)^2+(193.40-193.05)^2)$ $^1((3.25--0.44)^2+(193.65-193.40)^2)$	5.02 3.70	8.72	
Ric.3-7 60.41	a1	$^1((-0.25--4.22)^2+(193.79-193.69)^2)$ $^1((3.25--0.25)^2+(193.86-193.79)^2)$	3.97 3.50	7.47	
Ric.3-8 76.72	a1	$^1((-0.03--3.31)^2+(194.02-193.94)^2)$ $^1((3.25--0.03)^2+(193.94-194.02)^2)$	3.28 3.28	6.56	
Ric.3-9 93.30	a1	$^1((-0.03--3.31)^2+(194.08-193.99)^2)$ $^1((3.25--0.03)^2+(193.99-194.08)^2)$	3.28 3.28	6.56	
Ric.3-10 109.60	a1	$^1((-0.24--3.81)^2+(193.95-193.86)^2)$ $^1((3.25--0.24)^2+(194.03-193.95)^2)$	3.57 3.49	7.06	
Ric.3-11 125.90	a1	$^1((-0.44--5.39)^2+(193.74-193.40)^2)$ $^1((3.25--0.44)^2+(194.00-193.74)^2)$	4.96 3.70	8.66	
Ric.3-12 131.19	a1	$^1((-0.45--5.54)^2+(193.68-193.32)^2)$ $^1((3.25--0.45)^2+(193.94-193.68)^2)$	5.10 3.71	8.81	
Ric.3-13 136.48	a1	$^1((-0.44--5.44)^2+(193.61-193.26)^2)$ $^1((3.25--0.44)^2+(193.87-193.61)^2)$	5.01 3.70	8.71	
Ric.3-14 152.78	a1	$^1((-0.24--3.73)^2+(193.51-193.44)^2)$ $^1((3.25--0.24)^2+(193.59-193.51)^2)$	3.49 3.49	6.98	
Ric.3-15 169.08	a1	$^1((-0.03--3.31)^2+(193.58-193.72)^2)$ $^1((3.25--0.03)^2+(193.51-193.58)^2)$	3.28 3.28	6.56	
Ric.3-16 170.00	a1	$^1((-0.02--3.29)^2+(193.59-193.74)^2)$ $^1((3.25--0.02)^2+(193.51-193.59)^2)$	3.27 3.27	6.54	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 26		
TAPPETO DI USURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
Ric.3-1 0.00	b1	$^1((-2.77--3.27)^2+(192.83-192.85)^2)$ $^1((-0.01--2.77)^2+(192.73-192.83)^2)$ $^1((2.75--0.01)^2+(192.60-192.73)^2)$ $^1((3.25-2.75)^2+(192.58-192.60)^2)$	0.50 2.76 2.76 0.50	6.52	
Ric.3-2 2.88	b1	$^1((-2.81--3.31)^2+(192.82-192.84)^2)$ $^1((-0.03--2.81)^2+(192.75-192.82)^2)$ $^1((2.75--0.03)^2+(192.65-192.75)^2)$ $^1((3.25-2.75)^2+(192.63-192.65)^2)$	0.50 2.78 2.78 0.50	6.56	
Ric.3-3 19.19	b1	$^1((-3.25--3.75)^2+(192.81-192.80)^2)$ $^1((-0.25--3.25)^2+(192.88-192.81)^2)$ $^1((2.75--0.25)^2+(192.95-192.88)^2)$ $^1((3.25-2.75)^2+(192.96-192.95)^2)$	0.50 3.00 3.00 0.50	7.00	
Ric.3-4 35.49	b1	$^1((-3.63--5.32)^2+(193.00-192.88)^2)$ $^1((-0.44--3.63)^2+(193.22-193.00)^2)$ $^1((2.75--0.44)^2+(193.44-193.22)^2)$ $^1((3.25-2.75)^2+(193.48-193.44)^2)$	1.69 3.20 3.20 0.50	8.59	
Ric.3-5 39.80	b1	$^1((-3.65--5.45)^2+(193.10-192.98)^2)$ $^1((-0.45--3.65)^2+(193.33-193.10)^2)$ $^1((2.75--0.45)^2+(193.55-193.33)^2)$ $^1((3.25-2.75)^2+(193.59-193.55)^2)$	1.80 3.21 3.21 0.50	8.72	
Ric.3-6 44.11	b1	$^1((-3.63--5.45)^2+(193.21-193.09)^2)$ $^1((-0.44--3.63)^2+(193.44-193.21)^2)$ $^1((2.75--0.44)^2+(193.66-193.44)^2)$ $^1((3.25-2.75)^2+(193.69-193.66)^2)$	1.82 3.20 3.20 0.50	8.72	
Ric.3-7 60.41	b1	$^1((-3.25--4.22)^2+(193.75-193.73)^2)$ $^1((-0.25--3.25)^2+(193.83-193.75)^2)$ $^1((2.75--0.25)^2+(193.89-193.83)^2)$ $^1((3.25-2.75)^2+(193.90-193.89)^2)$	0.97 3.00 3.00 0.50	7.47	
Ric.3-8 76.72	b1	$^1((-2.81--3.31)^2+(193.99-193.98)^2)$ $^1((-0.03--2.81)^2+(194.06-193.99)^2)$ $^1((2.75--0.03)^2+(193.99-194.06)^2)$ $^1((3.25-2.75)^2+(193.98-193.99)^2)$	0.50 2.78 2.78 0.50	6.56	
Ric.3-9 93.30	b1	$^1((-2.81--3.31)^2+(194.05-194.03)^2)$ $^1((-0.03--2.81)^2+(194.12-194.05)^2)$ $^1((2.75--0.03)^2+(194.05-194.12)^2)$ $^1((3.25-2.75)^2+(194.03-194.05)^2)$	0.50 2.78 2.78 0.50	6.56	
Ric.3-10 109.60	b1	$^1((-3.23--3.81)^2+(193.91-193.90)^2)$ $^1((-0.24--3.23)^2+(193.99-193.91)^2)$ $^1((2.75--0.24)^2+(194.06-193.99)^2)$ $^1((3.25-2.75)^2+(194.07-194.06)^2)$	0.58 2.99 2.99 0.50	7.06	
Ric.3-11 125.90	b1	$^1((-3.62--5.39)^2+(193.56-193.44)^2)$ $^1((-0.44--3.62)^2+(193.78-193.56)^2)$ $^1((2.75--0.44)^2+(194.01-193.78)^2)$ $^1((3.25-2.75)^2+(194.04-194.01)^2)$	1.77 3.19 3.20 0.50	8.66	
Ric.3-12 131.19	b1	$^1((-3.65--5.54)^2+(193.49-193.36)^2)$ $^1((-0.45--3.65)^2+(193.72-193.49)^2)$ $^1((2.75--0.45)^2+(193.94-193.72)^2)$ $^1((3.25-2.75)^2+(193.98-193.94)^2)$	1.89 3.21 3.21 0.50	8.81	
Ric.3-13 136.48	b1	$^1((-3.62--5.44)^2+(193.43-193.30)^2)$ $^1((-0.44--3.62)^2+(193.65-193.43)^2)$ $^1((2.75--0.44)^2+(193.88-193.65)^2)$ $^1((3.25-2.75)^2+(193.91-193.88)^2)$	1.82 3.19 3.20 0.50	8.71	
Ric.3-14 152.78	b1	$^1((-3.23--3.73)^2+(193.49-193.48)^2)$ $^1((-0.24--3.23)^2+(193.55-193.49)^2)$ $^1((2.75--0.24)^2+(193.62-193.55)^2)$ $^1((3.25-2.75)^2+(193.63-193.62)^2)$	0.50 2.99 2.99 0.50	6.98	
A RIPORTARE ml					

		CALCOLO DELLE LUNGHEZZE		Foglio n. 27	
TAPPETO DI USURA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml					
Ric.3-15 169.08	b1	$^1((-2.81--3.31)^2+(193.74-193.76)^2)$ $^1((-0.03--2.81)^2+(193.62-193.74)^2)$ $^1((2.75--0.03)^2+(193.56-193.62)^2)$ $^1((3.25-2.75)^2+(193.55-193.56)^2)$	0.50 2.78 2.78 0.50	6.56	
Ric.3-16 170.00	b1	$^1((-2.79--3.29)^2+(193.76-193.78)^2)$ $^1((-0.02--2.79)^2+(193.63-193.76)^2)$ $^1((2.75--0.02)^2+(193.56-193.63)^2)$ $^1((3.25-2.75)^2+(193.55-193.56)^2)$	0.50 2.77 2.77 0.50	6.54	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE			Foglio n. 28
PREPARAZIONE PIANO DI POSA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
Ric.3-4 35.49	e1	$^1((4.42-2.37)^2+(192.70-192.72)^2)$ $^1((4.91-4.42)^2+(192.70-192.70)^2)$	2.05 0.49	2.54	
Ric.3-5	e1	$^1((5.03-1.26)^2+(192.73-192.75)^2)$	3.77	3.77	
Ric.3-6 44.11	e1	$^1((-0.42--0.55)^2+(192.71-192.73)^2)$ $^1((-0.05--0.42)^2+(192.71-192.65)^2)$ $^1((0.32--0.05)^2+(192.77-192.71)^2)$ $^1((3.04-0.32)^2+(192.77-192.77)^2)$ $^1((5.14-3.04)^2+(192.76-192.77)^2)$	0.13 0.37 0.37 2.72 2.10	5.69	
Ric.3-11	e1	$^1((4.86-1.07)^2+(193.30-193.19)^2)$	3.79	3.79	
Ric.3-12	e1	$^1((4.68-4.18)^2+(193.36-193.34)^2)$	0.50	0.50	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE			
			Foglio n. 29		
SCOTICO IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
Ric.3-1 0.00	f1	$^1((-4.18--6.02)^2+(192.82-193.11)^2)$ $^1((-3.90--4.18)^2+(192.65-192.82)^2)$ $^1((-3.74--3.90)^2+(192.55-192.65)^2)$ $^1((-3.45--3.74)^2+(192.61-192.55)^2)$ $^1((-3.24--3.45)^2+(192.65-192.61)^2)$ $^1((-2.38--3.24)^2+(192.63-192.65)^2)$ $^1((-1.75--2.38)^2+(192.61-192.63)^2)$ $^1((3.20--1.75)^2+(192.38-192.61)^2)$ $^1((3.44-3.20)^2+(192.33-192.38)^2)$ $^1((3.69-3.44)^2+(192.26-192.33)^2)$ $^1((4.36-3.69)^2+(191.83-192.26)^2)$	1.86 0.33 0.19 0.30 0.21 0.86 0.63 4.96 0.25 0.26 0.80	10.65	
Ric.3-2 2.88	f1	$^1((-5.06--6.11)^2+(192.97-193.14)^2)$ $^1((-4.24--5.06)^2+(192.84-192.97)^2)$ $^1((-4.20--4.24)^2+(192.82-192.84)^2)$ $^1((-3.75--4.20)^2+(192.56-192.82)^2)$ $^1((-3.70--3.75)^2+(192.57-192.56)^2)$ $^1((-3.24--3.70)^2+(192.66-192.57)^2)$ $^1((-0.76--3.24)^2+(192.60-192.66)^2)$ $^1((-0.32--0.76)^2+(192.59-192.60)^2)$ $^1((3.17--0.32)^2+(192.43-192.59)^2)$ $^1((3.33-3.17)^2+(192.39-192.43)^2)$ $^1((3.70-3.33)^2+(192.28-192.39)^2)$ $^1((4.31-3.70)^2+(191.89-192.28)^2)$	1.06 0.83 0.04 0.52 0.05 0.47 2.48 0.44 3.49 0.16 0.39 0.72	10.65	
Ric.3-3 19.19	f1	$^1((-4.34--6.94)^2+(192.95-193.37)^2)$ $^1((-3.94--4.34)^2+(192.76-192.95)^2)$ $^1((-3.61--3.94)^2+(192.60-192.76)^2)$ $^1((-3.34--3.61)^2+(192.64-192.60)^2)$ $^1((-3.02--3.34)^2+(192.70-192.64)^2)$ $^1((-0.23--3.02)^2+(192.67-192.70)^2)$ $^1((2.17--0.23)^2+(192.62-192.67)^2)$ $^1((3.34-2.17)^2+(192.59-192.62)^2)$ $^1((4.02-3.34)^2+(192.38-192.59)^2)$ $^1((4.14-4.02)^2+(192.35-192.38)^2)$ $^1((4.26-4.14)^2+(192.28-192.35)^2)$	2.63 0.44 0.37 0.27 0.33 2.79 2.40 1.17 0.71 0.12 0.14	11.37	
Ric.3-4 35.49	f1	$^1((-3.14--9.35)^2+(193.05-194.01)^2)$ $^1((-2.67--3.14)^2+(192.86-193.05)^2)$ $^1((-2.16--2.67)^2+(192.63-192.86)^2)$ $^1((-1.86--2.16)^2+(192.69-192.63)^2)$ $^1((-1.49--1.86)^2+(192.75-192.69)^2)$ $^1((2.37--1.49)^2+(192.72-192.75)^2)$	6.28 0.51 0.56 0.31 0.37 3.86	11.89	
Ric.3-5 39.80	f1	$^1((-5.05--9.45)^2+(193.48-194.08)^2)$ $^1((-3.81--5.05)^2+(193.29-193.48)^2)$ $^1((-2.94--3.81)^2+(193.16-193.29)^2)$ $^1((-2.44--2.94)^2+(193.08-193.16)^2)$ $^1((-1.47--2.44)^2+(192.68-193.08)^2)$ $^1((-1.38--1.47)^2+(192.65-192.68)^2)$ $^1((-0.78--1.38)^2+(192.75-192.65)^2)$ $^1((-0.70--0.78)^2+(192.76-192.75)^2)$ $^1((0.57--0.70)^2+(192.75-192.76)^2)$ $^1((1.26-0.57)^2+(192.75-192.75)^2)$	4.44 1.25 0.88 0.51 1.05 0.09 0.61 0.08 1.27 0.69	10.87	
Ric.3-6 44.11	f1	$^1((-5.27--9.42)^2+(193.60-194.16)^2)$ $^1((-1.34--5.27)^2+(193.06-193.60)^2)$ $^1((-1.03--1.34)^2+(192.90-193.06)^2)$ $^1((-0.67--1.03)^2+(192.75-192.90)^2)$ $^1((-0.55--0.67)^2+(192.73-192.75)^2)$	4.19 3.97 0.35 0.39 0.12	9.02	
Ric.3-7	f1	$^1((3.25--8.26)^2+(193.53-194.86)^2)$	11.59	11.59	
Ric.3-8	f1	$^1((3.25--8.41)^2+(194.62-195.82)^2)$	11.72	11.72	
Ric.3-9 93.30	f1	$^1((-2.67--8.10)^2+(195.16-195.67)^2)$ $^1((3.25--2.67)^2+(194.68-195.16)^2)$	5.45 5.94	11.39	
Ric.3-10 109.60	f1	$^1((-4.29--8.24)^2+(194.85-195.28)^2)$ $^1((3.25--4.29)^2+(194.23-194.85)^2)$	3.97 7.57		
A RIPORTARE ml			11.54		

		CALCOLO DELLE LUNGHEZZE		Foglio n. 30	
SCOTICO IN TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			11.54		
Ric.3-11 125.90	f1	$^1((-0.57--9.16)^2+(193.59-194.39)^2)$ $^1((-0.21--0.57)^2+(193.58-193.59)^2)$ $^1((0.36--0.21)^2+(193.28-193.58)^2)$ $^1((0.51-0.36)^2+(193.25-193.28)^2)$ $^1((0.84-0.51)^2+(193.18-193.25)^2)$ $^1((1.07-0.84)^2+(193.19-193.18)^2)$	8.63 0.36 0.64 0.15 0.34 0.23	11.54	
Ric.3-12 131.19	f1	$^1((-5.53--9.26)^2+(193.82-194.27)^2)$ $^1((-1.91--5.53)^2+(193.48-193.82)^2)$ $^1((-1.06--1.91)^2+(193.43-193.48)^2)$ $^1((-0.85--1.06)^2+(193.32-193.43)^2)$ $^1((-0.50--0.85)^2+(193.24-193.32)^2)$ $^1((-0.37--0.50)^2+(193.22-193.24)^2)$ $^1((2.28--0.37)^2+(193.29-193.22)^2)$ $^1((4.18-2.28)^2+(193.34-193.29)^2)$	3.76 3.64 0.85 0.24 0.36 0.13 2.65 1.90	10.35	
Ric.3-13 136.48	f1	$^1((-5.37--9.09)^2+(193.72-194.17)^2)$ $^1((-2.94--5.37)^2+(193.41-193.72)^2)$ $^1((-2.76--2.94)^2+(193.41-193.41)^2)$ $^1((-1.81--2.76)^2+(193.36-193.41)^2)$ $^1((-1.37--1.81)^2+(193.25-193.36)^2)$ $^1((-1.36--1.37)^2+(193.25-193.25)^2)$ $^1((-0.87--1.36)^2+(193.26-193.25)^2)$ $^1((-0.12--0.87)^2+(193.27-193.26)^2)$ $^1((0.21--0.12)^2+(193.27-193.27)^2)$ $^1((3.41-0.21)^2+(193.36-193.27)^2)$ $^1((4.78-3.41)^2+(193.40-193.36)^2)$	3.75 2.45 0.18 0.95 0.45 0.01 0.49 0.75 0.33 3.20 1.37	13.53	
Ric.3-14 152.78	f1	$^1((-4.57--6.36)^2+(193.44-193.67)^2)$ $^1((-4.52--4.57)^2+(193.43-193.44)^2)$ $^1((-4.50--4.52)^2+(193.43-193.43)^2)$ $^1((-3.51--4.50)^2+(193.46-193.43)^2)$ $^1((-3.50--3.51)^2+(193.46-193.46)^2)$ $^1((-3.20--3.50)^2+(193.35-193.46)^2)$ $^1((3.03--3.20)^2+(193.28-193.35)^2)$ $^1((3.67-3.03)^2+(193.27-193.28)^2)$ $^1((3.96-3.67)^2+(193.09-193.27)^2)$ $^1((4.19-3.96)^2+(192.95-193.09)^2)$	1.80 0.05 0.02 0.99 0.01 0.32 6.23 0.64 0.34 0.27	13.93	
Ric.3-15 169.08	f1	$^1((-4.20--5.38)^2+(193.55-193.54)^2)$ $^1((-3.39--4.20)^2+(193.56-193.55)^2)$ $^1((0.16--3.39)^2+(193.40-193.56)^2)$ $^1((3.50-0.16)^2+(193.34-193.40)^2)$ $^1((4.31-3.50)^2+(192.83-193.34)^2)$	1.18 0.81 3.55 3.34 0.96	10.67	
Ric.3-16 170.00	f1	$^1((-3.95--5.19)^2+(193.58-193.56)^2)$ $^1((-3.32--3.95)^2+(193.58-193.58)^2)$ $^1((0.90--3.32)^2+(193.39-193.58)^2)$ $^1((3.50-0.90)^2+(193.34-193.39)^2)$ $^1((4.33-3.50)^2+(192.82-193.34)^2)$	1.24 0.63 4.22 2.60 0.98	9.84 9.67	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE			Foglio n. 31
GEOTESSILE INF.					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
Ric.3-4 35.49	h1	$^1((4.42-2.37)^2+(191.90-191.92)^2)$ $^1((4.91-4.42)^2+(191.90-191.90)^2)$	2.05 0.49	2.54	
Ric.3-5	h1	$^1((5.03-1.26)^2+(191.93-191.95)^2)$	3.77	3.77	
Ric.3-6 44.11	h1	$^1((-0.42--0.55)^2+(191.91-191.93)^2)$ $^1((-0.05--0.42)^2+(191.91-191.85)^2)$ $^1((0.32--0.05)^2+(191.97-191.91)^2)$ $^1((3.04-0.32)^2+(191.97-191.97)^2)$ $^1((5.14-3.04)^2+(191.96-191.97)^2)$	0.13 0.37 0.37 2.72 2.10	5.69	
Ric.3-11	h1	$^1((4.86-1.07)^2+(192.50-192.39)^2)$	3.79	3.79	
Ric.3-12	h1	$^1((4.68-4.18)^2+(192.56-192.54)^2)$	0.50	0.50	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE			Foglio n. 32
GEOTESSILE SUP.					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
Ric.3-4 35.49	i1	$^1((4.42-2.37)^2+(192.30-192.32)^2)$ $^1((4.91-4.42)^2+(192.30-192.30)^2)$	2.05 0.49	2.54	
Ric.3-5	i1	$^1((5.03-1.26)^2+(192.33-192.35)^2)$	3.77	3.77	
Ric.3-6 44.11	i1	$^1((-0.42--0.55)^2+(192.31-192.33)^2)$ $^1((-0.05--0.42)^2+(192.31-192.25)^2)$ $^1((0.32--0.05)^2+(192.37-192.31)^2)$ $^1((3.04-0.32)^2+(192.37-192.37)^2)$ $^1((5.14-3.04)^2+(192.36-192.37)^2)$	0.13 0.37 0.37 2.72 2.10	5.69	
Ric.3-11	i1	$^1((4.86-1.07)^2+(192.90-192.79)^2)$	3.79	3.79	
Ric.3-12	i1	$^1((4.68-4.18)^2+(192.96-192.94)^2)$	0.50	0.50	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE				Foglio n. 33
GEOTESSILE INF_TRINCEA						
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE	
Ric.3-1 0.00	k1	$^1((-4.18--6.02)^2+(192.02-192.31)^2)$ $^1((-3.90--4.18)^2+(191.85-192.02)^2)$ $^1((-3.74--3.90)^2+(191.75-191.85)^2)$ $^1((-3.45--3.74)^2+(191.81-191.75)^2)$ $^1((-3.24--3.45)^2+(191.85-191.81)^2)$ $^1((-2.38--3.24)^2+(191.83-191.85)^2)$ $^1((-1.75--2.38)^2+(191.81-191.83)^2)$ $^1((3.20--1.75)^2+(191.58-191.81)^2)$ $^1((3.44-3.20)^2+(191.53-191.58)^2)$ $^1((3.69-3.44)^2+(191.46-191.53)^2)$ $^1((4.36-3.69)^2+(191.03-191.46)^2)$	1.86 0.33 0.19 0.30 0.21 0.86 0.63 4.96 0.25 0.26 0.80	10.65		
Ric.3-2 2.88	k1	$^1((-5.06--6.11)^2+(192.17-192.34)^2)$ $^1((-4.24--5.06)^2+(192.04-192.17)^2)$ $^1((-4.20--4.24)^2+(192.02-192.04)^2)$ $^1((-3.75--4.20)^2+(191.76-192.02)^2)$ $^1((-3.70--3.75)^2+(191.77-191.76)^2)$ $^1((-3.24--3.70)^2+(191.86-191.77)^2)$ $^1((-0.76--3.24)^2+(191.80-191.86)^2)$ $^1((-0.32--0.76)^2+(191.79-191.80)^2)$ $^1((3.17--0.32)^2+(191.63-191.79)^2)$ $^1((3.33-3.17)^2+(191.59-191.63)^2)$ $^1((3.70-3.33)^2+(191.48-191.59)^2)$ $^1((4.31-3.70)^2+(191.09-191.48)^2)$	1.06 0.83 0.04 0.52 0.05 0.47 2.48 0.44 3.49 0.16 0.39 0.72	10.65		
Ric.3-3 19.19	k1	$^1((-4.34--6.94)^2+(192.15-192.57)^2)$ $^1((-3.94--4.34)^2+(191.96-192.15)^2)$ $^1((-3.61--3.94)^2+(191.80-191.96)^2)$ $^1((-3.34--3.61)^2+(191.84-191.80)^2)$ $^1((-3.02--3.34)^2+(191.90-191.84)^2)$ $^1((-0.23--3.02)^2+(191.87-191.90)^2)$ $^1((2.17--0.23)^2+(191.82-191.87)^2)$ $^1((3.34-2.17)^2+(191.79-191.82)^2)$ $^1((4.02-3.34)^2+(191.58-191.79)^2)$ $^1((4.14-4.02)^2+(191.55-191.58)^2)$ $^1((4.26-4.14)^2+(191.48-191.55)^2)$	2.63 0.44 0.37 0.27 0.33 2.79 2.40 1.17 0.71 0.12 0.14	11.37		
Ric.3-4 35.49	k1	$^1((-3.14--9.35)^2+(192.25-193.21)^2)$ $^1((-2.67--3.14)^2+(192.06-192.25)^2)$ $^1((-2.16--2.67)^2+(191.83-192.06)^2)$ $^1((-1.86--2.16)^2+(191.89-191.83)^2)$ $^1((-1.49--1.86)^2+(191.95-191.89)^2)$ $^1((2.37--1.49)^2+(191.92-191.95)^2)$	6.28 0.51 0.56 0.31 0.37 3.86	11.89		
Ric.3-5 39.80	k1	$^1((-2.94--4.28)^2+(192.36-192.56)^2)$ $^1((-2.44--2.94)^2+(192.28-192.36)^2)$ $^1((-1.47--2.44)^2+(191.88-192.28)^2)$ $^1((-1.38--1.47)^2+(191.85-191.88)^2)$ $^1((-0.78--1.38)^2+(191.95-191.85)^2)$ $^1((-0.70--0.78)^2+(191.96-191.95)^2)$ $^1((0.57--0.70)^2+(191.95-191.96)^2)$ $^1((1.26-0.57)^2+(191.95-191.95)^2)$	1.35 0.51 1.05 0.09 0.61 0.08 1.27 0.69	5.65		
Ric.3-6 44.11	k1	$^1((-1.34--4.29)^2+(192.26-192.67)^2)$ $^1((-1.03--1.34)^2+(192.10-192.26)^2)$ $^1((-0.67--1.03)^2+(191.95-192.10)^2)$ $^1((-0.55--0.67)^2+(191.93-191.95)^2)$	2.98 0.35 0.39 0.12	3.84		
Ric.3-7	k1	$^1((3.25--1.59)^2+(192.73-193.29)^2)$	4.87	4.87		
Ric.3-11 125.90	k1	$^1((-0.57--3.53)^2+(192.79-193.07)^2)$ $^1((-0.21--0.57)^2+(192.78-192.79)^2)$ $^1((0.36--0.21)^2+(192.48-192.78)^2)$ $^1((0.51-0.36)^2+(192.45-192.48)^2)$ $^1((0.84-0.51)^2+(192.38-192.45)^2)$ $^1((1.07-0.84)^2+(192.39-192.38)^2)$	2.97 0.36 0.64 0.15 0.34 0.23	4.69		
Ric.3-12 131.19	k1	$^1((-1.91--4.57)^2+(192.68-192.93)^2)$ $^1((-1.06--1.91)^2+(192.63-192.68)^2)$ $^1((-0.85--1.06)^2+(192.52-192.63)^2)$	2.67 0.85 0.24			
A RIPORTARE ml			3.76			

		CALCOLO DELLE LUNGHEZZE		Foglio n. 34	
GEOTESSILE INF_TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			3.76		
Ric.3-13 136.48	k1	$^1((-0.50--0.85)^2+(192.44-192.52)^2)$	0.36	8.80	
		$^1((-0.37--0.50)^2+(192.42-192.44)^2)$	0.13		
		$^1((2.28--0.37)^2+(192.49-192.42)^2)$	2.65		
		$^1((4.18-2.28)^2+(192.54-192.49)^2)$	1.90		
		$^1((-2.94--4.80)^2+(192.61-192.85)^2)$	1.88		
Ric.3-14 152.78	k1	$^1((-2.76--2.94)^2+(192.61-192.61)^2)$	0.18	9.61	
		$^1((-1.81--2.76)^2+(192.56-192.61)^2)$	0.95		
		$^1((-1.37--1.81)^2+(192.45-192.56)^2)$	0.45		
		$^1((-1.36--1.37)^2+(192.45-192.45)^2)$	0.01		
		$^1((-0.87--1.36)^2+(192.46-192.45)^2)$	0.49		
		$^1((-0.12--0.87)^2+(192.47-192.46)^2)$	0.75		
		$^1((0.21--0.12)^2+(192.47-192.47)^2)$	0.33		
		$^1((3.41-0.21)^2+(192.56-192.47)^2)$	3.20		
		$^1((4.78-3.41)^2+(192.60-192.56)^2)$	1.37		
		$^1((-4.57--6.36)^2+(192.64-192.87)^2)$	1.80		
		$^1((-4.52--4.57)^2+(192.63-192.64)^2)$	0.05		
Ric.3-15 169.08	k1	$^1((-4.50--4.52)^2+(192.63-192.63)^2)$	0.02	10.67	
		$^1((-3.51--4.50)^2+(192.66-192.63)^2)$	0.99		
		$^1((-3.50--3.51)^2+(192.66-192.66)^2)$	0.01		
		$^1((-3.20--3.50)^2+(192.55-192.66)^2)$	0.32		
		$^1((3.03--3.20)^2+(192.48-192.55)^2)$	6.23		
		$^1((3.67-3.03)^2+(192.47-192.48)^2)$	0.64		
		$^1((3.96-3.67)^2+(192.29-192.47)^2)$	0.34		
		$^1((4.19-3.96)^2+(192.15-192.29)^2)$	0.27		
		$^1((-4.20--5.38)^2+(192.75-192.74)^2)$	1.18		
		$^1((-3.39--4.20)^2+(192.76-192.75)^2)$	0.81		
Ric.3-16 170.00	k1	$^1((0.16--3.39)^2+(192.60-192.76)^2)$	3.55	9.84	
		$^1((3.50-0.16)^2+(192.54-192.60)^2)$	3.34		
		$^1((4.31-3.50)^2+(192.03-192.54)^2)$	0.96		
		$^1((-3.95--5.19)^2+(192.78-192.76)^2)$	1.24		
		$^1((-3.32--3.95)^2+(192.78-192.78)^2)$	0.63	9.67	
		$^1((0.90--3.32)^2+(192.59-192.78)^2)$	4.22		
		$^1((3.50-0.90)^2+(192.54-192.59)^2)$	2.60		
		$^1((4.33-3.50)^2+(192.02-192.54)^2)$	0.98		
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE LUNGHEZZE	Foglio n. 35		
GEOTESSILE SUP_TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
Ric.3-1 0.00	11	$^1((-4.18--6.02)^2+(192.42-192.71)^2)$ $^1((-3.90--4.18)^2+(192.25-192.42)^2)$ $^1((-3.74--3.90)^2+(192.15-192.25)^2)$ $^1((-3.45--3.74)^2+(192.21-192.15)^2)$ $^1((-3.24--3.45)^2+(192.25-192.21)^2)$ $^1((-2.38--3.24)^2+(192.23-192.25)^2)$ $^1((-1.75--2.38)^2+(192.21-192.23)^2)$ $^1((3.20--1.75)^2+(191.98-192.21)^2)$ $^1((3.44-3.20)^2+(191.93-191.98)^2)$ $^1((3.69-3.44)^2+(191.86-191.93)^2)$ $^1((4.36-3.69)^2+(191.43-191.86)^2)$	1.86 0.33 0.19 0.30 0.21 0.86 0.63 4.96 0.25 0.26 0.80	10.65	
Ric.3-2 2.88	11	$^1((-5.06--6.11)^2+(192.57-192.74)^2)$ $^1((-4.24--5.06)^2+(192.44-192.57)^2)$ $^1((-4.20--4.24)^2+(192.42-192.44)^2)$ $^1((-3.75--4.20)^2+(192.16-192.42)^2)$ $^1((-3.70--3.75)^2+(192.17-192.16)^2)$ $^1((-3.24--3.70)^2+(192.26-192.17)^2)$ $^1((-0.76--3.24)^2+(192.20-192.26)^2)$ $^1((-0.32--0.76)^2+(192.19-192.20)^2)$ $^1((3.17--0.32)^2+(192.03-192.19)^2)$ $^1((3.33-3.17)^2+(191.99-192.03)^2)$ $^1((3.70-3.33)^2+(191.88-191.99)^2)$ $^1((4.31-3.70)^2+(191.49-191.88)^2)$	1.06 0.83 0.04 0.52 0.05 0.47 2.48 0.44 3.49 0.16 0.39 0.72	10.65	
Ric.3-3 19.19	11	$^1((-4.34--6.94)^2+(192.55-192.97)^2)$ $^1((-3.94--4.34)^2+(192.36-192.55)^2)$ $^1((-3.61--3.94)^2+(192.20-192.36)^2)$ $^1((-3.34--3.61)^2+(192.24-192.20)^2)$ $^1((-3.02--3.34)^2+(192.30-192.24)^2)$ $^1((-0.23--3.02)^2+(192.27-192.30)^2)$ $^1((2.17--0.23)^2+(192.22-192.27)^2)$ $^1((3.34-2.17)^2+(192.19-192.22)^2)$ $^1((4.02-3.34)^2+(191.98-192.19)^2)$ $^1((4.14-4.02)^2+(191.95-191.98)^2)$ $^1((4.26-4.14)^2+(191.88-191.95)^2)$	2.63 0.44 0.37 0.27 0.33 2.79 2.40 1.17 0.71 0.12 0.14	11.37	
Ric.3-4 35.49	11	$^1((-3.14--9.35)^2+(192.65-193.61)^2)$ $^1((-2.67--3.14)^2+(192.46-192.65)^2)$ $^1((-2.16--2.67)^2+(192.23-192.46)^2)$ $^1((-1.86--2.16)^2+(192.29-192.23)^2)$ $^1((-1.49--1.86)^2+(192.35-192.29)^2)$ $^1((2.37--1.49)^2+(192.32-192.35)^2)$	6.28 0.51 0.56 0.31 0.37 3.86	11.89	
Ric.3-5 39.80	11	$^1((-3.81--4.28)^2+(192.89-192.96)^2)$ $^1((-2.94--3.81)^2+(192.76-192.89)^2)$ $^1((-2.44--2.94)^2+(192.68-192.76)^2)$ $^1((-1.47--2.44)^2+(192.28-192.68)^2)$ $^1((-1.38--1.47)^2+(192.25-192.28)^2)$ $^1((-0.78--1.38)^2+(192.35-192.25)^2)$ $^1((-0.70--0.78)^2+(192.36-192.35)^2)$ $^1((0.57--0.70)^2+(192.35-192.36)^2)$ $^1((1.26-0.57)^2+(192.35-192.35)^2)$	0.48 0.88 0.51 1.05 0.09 0.61 0.08 1.27 0.69	5.66	
Ric.3-6 44.11	11	$^1((-1.34--4.29)^2+(192.66-193.07)^2)$ $^1((-1.03--1.34)^2+(192.50-192.66)^2)$ $^1((-0.67--1.03)^2+(192.35-192.50)^2)$ $^1((-0.55--0.67)^2+(192.33-192.35)^2)$	2.98 0.35 0.39 0.12	3.84	
Ric.3-7	11	$^1((3.25--1.59)^2+(193.13-193.69)^2)$	4.87	4.87	
Ric.3-11 125.90	11	$^1((-0.57--3.53)^2+(193.19-193.47)^2)$ $^1((-0.21--0.57)^2+(193.18-193.19)^2)$ $^1((0.36--0.21)^2+(192.88-193.18)^2)$ $^1((0.51-0.36)^2+(192.85-192.88)^2)$ $^1((0.84-0.51)^2+(192.78-192.85)^2)$ $^1((1.07-0.84)^2+(192.79-192.78)^2)$	2.97 0.36 0.64 0.15 0.34 0.23	4.69	
Ric.3-12 131.19	11	$^1((-1.91--4.57)^2+(193.08-193.33)^2)$ $^1((-1.06--1.91)^2+(193.03-193.08)^2)$	2.67 0.85		
A RIPORTARE ml			3.52		

		CALCOLO DELLE LUNGHEZZE		Foglio n. 36	
GEOTESSILE SUP_TRINCEA					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	LUNGHEZZA ELEMENTARE ml	LUNGHEZZA FIGURA ml	NOTE
RIPORTO ml			3.52		
Ric.3-13 136.48	11	$^1((-0.85--1.06)^2+(192.92-193.03)^2)$	0.24	8.80	
		$^1((-0.50--0.85)^2+(192.84-192.92)^2)$	0.36		
		$^1((-0.37--0.50)^2+(192.82-192.84)^2)$	0.13		
		$^1((2.28--0.37)^2+(192.89-192.82)^2)$	2.65		
		$^1((4.18-2.28)^2+(192.94-192.89)^2)$	1.90		
		$^1((-2.94--4.80)^2+(193.01-193.25)^2)$	1.88		
Ric.3-14 152.78	11	$^1((-2.76--2.94)^2+(193.01-193.01)^2)$	0.18	9.61	
		$^1((-1.81--2.76)^2+(192.96-193.01)^2)$	0.95		
		$^1((-1.37--1.81)^2+(192.85-192.96)^2)$	0.45		
		$^1((-1.36--1.37)^2+(192.85-192.85)^2)$	0.01		
		$^1((-0.87--1.36)^2+(192.86-192.85)^2)$	0.49		
		$^1((-0.12--0.87)^2+(192.87-192.86)^2)$	0.75		
		$^1((0.21--0.12)^2+(192.87-192.87)^2)$	0.33		
		$^1((3.41-0.21)^2+(192.96-192.87)^2)$	3.20		
		$^1((4.78-3.41)^2+(193.00-192.96)^2)$	1.37		
		$^1((-4.57--6.36)^2+(193.04-193.27)^2)$	1.80		
		$^1((-4.52--4.57)^2+(193.03-193.04)^2)$	0.05		
		$^1((-4.50--4.52)^2+(193.03-193.03)^2)$	0.02		
		$^1((-3.51--4.50)^2+(193.06-193.03)^2)$	0.99		
		$^1((-3.50--3.51)^2+(193.06-193.06)^2)$	0.01		
$^1((-3.20--3.50)^2+(192.95-193.06)^2)$	0.32				
Ric.3-15 169.08	11	$^1((3.03--3.20)^2+(192.88-192.95)^2)$	6.23	10.67	
		$^1((3.67-3.03)^2+(192.87-192.88)^2)$	0.64		
		$^1((3.96-3.67)^2+(192.69-192.87)^2)$	0.34		
		$^1((4.19-3.96)^2+(192.55-192.69)^2)$	0.27		
		$^1((-4.20--5.38)^2+(193.15-193.14)^2)$	1.18		
		$^1((-3.39--4.20)^2+(193.16-193.15)^2)$	0.81		
Ric.3-16 170.00	11	$^1((0.16--3.39)^2+(193.00-193.16)^2)$	3.55	9.84	
		$^1((3.50-0.16)^2+(192.94-193.00)^2)$	3.34		
		$^1((4.31-3.50)^2+(192.43-192.94)^2)$	0.96		
		$^1((-3.95--5.19)^2+(193.18-193.16)^2)$	1.24		
		$^1((-3.32--3.95)^2+(193.18-193.18)^2)$	0.63		
		$^1((0.90--3.32)^2+(192.99-193.18)^2)$	4.22	9.67	
		$^1((3.50-0.90)^2+(192.94-192.99)^2)$	2.60		
		$^1((4.33-3.50)^2+(192.42-192.94)^2)$	0.98		
Il Direttore dei Lavori		L'Impresa			

COMPUTO DEI VOLUMI					Foglio n. 37			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1 Ric.3-2	A1 A1	2.75 2.90	2.88 2.88	1.44 1.44	3.96 4.18	8.14
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2 Ric.3-3	A1 A1	2.90 3.23	16.31 16.31	8.16 8.16	23.66 26.36	50.02
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3 Ric.3-4	A1 A1	3.23 4.82	16.30 16.30	8.15 8.15	26.32 39.28	65.60
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4 Ric.3-5	A1 A1	4.82 5.15	4.31 4.31	2.15 2.15	10.36 11.07	21.43
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5 Ric.3-6	A1 A1	5.15 5.26	4.31 4.31	2.16 2.16	11.12 11.36	22.48
Ric.3-6 44.11	Ric.3-7 60.41	Ric.3-6 Ric.3-7	A1 A1	5.26 7.86	16.30 16.30	8.15 8.15	42.87 64.06	106.93
Ric.3-7 60.41	Ric.3-8 76.72	Ric.3-7 Ric.3-8	A1 A1	7.86 15.10	16.31 16.31	8.16 8.16	64.14 123.22	187.36
Ric.3-8 76.72	Ric.3-9 93.30	Ric.3-8 Ric.3-9	A1 A1	15.10 14.00	16.58 16.58	8.29 8.29	125.18 116.06	241.24
Ric.3-9 93.30	Ric.3-10 109.60	Ric.3-9 Ric.3-10	A1 A1	14.00 11.23	16.30 16.30	8.15 8.15	114.10 91.52	205.62
Ric.3-10 109.60	Ric.3-11 125.90	Ric.3-10 Ric.3-11	A1 A1	11.23 6.29	16.30 16.30	8.15 8.15	91.52 51.26	142.78
Ric.3-11 125.90	Ric.3-12 131.19	Ric.3-11 Ric.3-12	A1 A1	6.29 5.08	5.29 5.29	2.64 2.64	16.61 13.41	30.02
Ric.3-12 131.19	Ric.3-13 136.48	Ric.3-12 Ric.3-13	A1 A1	5.08 4.77	5.29 5.29	2.64 2.64	13.41 12.59	26.00
Ric.3-13 136.48	Ric.3-14 152.78	Ric.3-13 Ric.3-14	A1 A1	4.77 2.70	16.30 16.30	8.15 8.15	38.88 22.01	60.89
Ric.3-14 152.78	Ric.3-15 169.08	Ric.3-14 Ric.3-15	A1 A1	2.70 2.45	16.30 16.30	8.15 8.15	22.01 19.97	41.98
Ric.3-15 169.08	Ric.3-16 170.00	Ric.3-15 Ric.3-16	A1 A1	2.45 2.49	0.92 0.92	0.46 0.46	1.13 1.15	2.28
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			1212.77

COMPUTO DEI VOLUMI					Foglio n. 38			
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
Ric.3-3	Ric.3-4	Ric.3-4	B1	2.03	16.30	8.15	16.54	16.54
Ric.3-4	Ric.3-5	Ric.3-4	B1	2.03	4.31	2.15	4.36	10.85
35.49	39.80	Ric.3-5	B1	3.02	4.31	2.15	6.49	
Ric.3-5	Ric.3-6	Ric.3-5	B1	3.02	4.31	2.16	6.52	16.30
39.80	44.11	Ric.3-6	B1	4.53	4.31	2.16	9.78	
Ric.3-6	Ric.3-7	Ric.3-6	B1	4.53	16.30	8.15	36.92	36.92
Ric.3-10	Ric.3-11	Ric.3-11	B1	3.03	16.30	8.15	24.69	24.69
Ric.3-11	Ric.3-12	Ric.3-11	B1	3.03	5.29	2.64	8.00	9.06
125.90	131.19	Ric.3-12	B1	0.40	5.29	2.64	1.06	
Ric.3-12	Ric.3-13	Ric.3-12	B1	0.40	5.29	2.64	1.06	1.06
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			115.42

COMPUTO DEI VOLUMI					Foglio n. 39			
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
Ric.3-3	Ric.3-4	Ric.3-4	C1	0.22	16.30	8.15	1.79	1.79
Ric.3-4	Ric.3-5	Ric.3-4	C1	0.22	4.31	2.15	0.47	1.50
35.49	39.80	Ric.3-5	C1	0.48	4.31	2.15	1.03	
Ric.3-5	Ric.3-6	Ric.3-5	C1	0.48	4.31	2.16	1.04	2.85
39.80	44.11	Ric.3-6	C1	0.84	4.31	2.16	1.81	6.85
Ric.3-6	Ric.3-7	Ric.3-6	C1	0.84	16.30	8.15	6.85	6.85
Ric.3-10	Ric.3-11	Ric.3-11	C1	0.26	16.30	8.15	2.12	2.12
Ric.3-11	Ric.3-12	Ric.3-11	C1	0.26	5.29	2.64	0.69	0.69
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			15.80

COMPUTO DEI VOLUMI					Foglio n. 40			
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
Ric.3-3	Ric.3-4	Ric.3-4	D1	1.01	16.30	8.15	8.23	8.23
Ric.3-4	Ric.3-5	Ric.3-4	D1	1.01	4.31	2.15	2.17	8.23
35.49	39.80	Ric.3-5	D1	1.51	4.31	2.15	3.25	5.42
Ric.3-5	Ric.3-6	Ric.3-5	D1	1.51	4.31	2.16	3.26	8.14
39.80	44.11	Ric.3-6	D1	2.26	4.31	2.16	4.88	18.42
Ric.3-6	Ric.3-7	Ric.3-6	D1	2.26	16.30	8.15	18.42	18.42
Ric.3-10	Ric.3-11	Ric.3-11	D1	1.52	16.30	8.15	12.39	12.39
Ric.3-11	Ric.3-12	Ric.3-11	D1	1.52	5.29	2.64	4.01	12.39
125.90	131.19	Ric.3-12	D1	0.21	5.29	2.64	0.55	4.56
Ric.3-12	Ric.3-13	Ric.3-12	D1	0.21	5.29	2.64	0.55	0.55
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			57.71

COMPUTO DEI VOLUMI					Foglio n. 41			
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
Ric.3-3	Ric.3-4	Ric.3-4	E1	1.02	16.30	8.15	8.31	8.31
Ric.3-4	Ric.3-5	Ric.3-4	E1	1.02	4.31	2.15	2.19	8.31
35.49	39.80	Ric.3-5	E1	1.51	4.31	2.15	3.25	5.44
Ric.3-5	Ric.3-6	Ric.3-5	E1	1.51	4.31	2.16	3.26	8.16
39.80	44.11	Ric.3-6	E1	2.27	4.31	2.16	4.90	18.50
Ric.3-6	Ric.3-7	Ric.3-6	E1	2.27	16.30	8.15	18.50	18.50
Ric.3-10	Ric.3-11	Ric.3-11	E1	1.51	16.30	8.15	12.31	12.31
Ric.3-11	Ric.3-12	Ric.3-11	E1	1.51	5.29	2.64	3.99	4.49
125.90	131.19	Ric.3-12	E1	0.19	5.29	2.64	0.50	0.50
Ric.3-12	Ric.3-13	Ric.3-12	E1	0.19	5.29	2.64	0.50	0.50
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			57.71

		COMPUTO DEI VOLUMI			Foglio n. 42			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1 Ric.3-1 Ric.3-2 Ric.3-2	F1 F2 F1 F2	0.14 1.98 0.13 2.01	2.88 2.88 2.88 2.88	1.44 1.44 1.44 1.44	0.20 2.85 0.19 2.89	6.13
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2 Ric.3-2 Ric.3-3 Ric.3-3	F1 F2 F1 F2	0.13 2.01 0.14 2.11	16.31 16.31 16.31 16.31	8.16 8.16 8.16 8.16	1.06 16.40 1.14 17.22	35.82
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3 Ric.3-3 Ric.3-4	F1 F2 F1	0.14 2.11 2.91	16.30 16.30 16.30	8.15 8.15 8.15	1.14 17.20 23.72	42.06
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4 Ric.3-5	F1 F1	2.91 2.93	4.31 4.31	2.15 2.15	6.26 6.30	12.56
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5 Ric.3-6 Ric.3-6	F1 F1 F2	2.93 0.13 2.57	4.31 4.31 4.31	2.16 2.16 2.16	6.33 0.28 5.55	12.16
Ric.3-6 44.11	Ric.3-7 60.41	Ric.3-6 Ric.3-6 Ric.3-7	F1 F2 F1	0.13 2.57 2.38	16.30 16.30 16.30	8.15 8.15 8.15	1.06 20.95 19.40	41.41
Ric.3-7 60.41	Ric.3-8 76.72	Ric.3-7 Ric.3-8 Ric.3-8	F1 F1 F2	2.38 0.13 1.80	16.31 16.31 16.31	8.16 8.16 8.16	19.42 1.06 14.69	35.17
Ric.3-8 76.72	Ric.3-9 93.30	Ric.3-8 Ric.3-8 Ric.3-9 Ric.3-9	F1 F2 F1 F2	0.13 1.80 0.13 1.80	16.58 16.58 16.58 16.58	8.29 8.29 8.29 8.29	1.08 14.92 1.08 14.92	32.00
Ric.3-9 93.30	Ric.3-10 109.60	Ric.3-9 Ric.3-9 Ric.3-10 Ric.3-10	F1 F2 F1 F2	0.13 1.80 0.14 1.94	16.30 16.30 16.30 16.30	8.15 8.15 8.15 8.15	1.06 14.67 1.14 15.81	32.68
Ric.3-10 109.60	Ric.3-11 125.90	Ric.3-10 Ric.3-10 Ric.3-11 Ric.3-11	F1 F2 F1 F2	0.14 1.94 0.13 2.55	16.30 16.30 16.30 16.30	8.15 8.15 8.15 8.15	1.14 15.81 1.06 20.78	38.79
Ric.3-11 125.90	Ric.3-12 131.19	Ric.3-11 Ric.3-11 Ric.3-12	F1 F2 F1	0.13 2.55 2.99	5.29 5.29 5.29	2.64 2.64 2.64	0.34 6.73 7.89	14.96
Ric.3-12 131.19	Ric.3-13 136.48	Ric.3-12 Ric.3-13	F1 F1	2.99 2.92	5.29 5.29	2.64 2.64	7.89 7.71	15.60
Ric.3-13 136.48	Ric.3-14 152.78	Ric.3-13 Ric.3-14	F1 F1	2.92 2.44	16.30 16.30	8.15 8.15	23.80 19.89	43.69
Ric.3-14 152.78	Ric.3-15 169.08	Ric.3-14 Ric.3-15	F1 F1	2.44 2.31	16.30 16.30	8.15 8.15	19.89 18.83	38.72
Ric.3-15 169.08	Ric.3-16 170.00	Ric.3-15 Ric.3-16	F1 F1	2.31 2.30	0.92 0.92	0.46 0.46	1.06 1.06	2.12
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			403.87

		COMPUTO DEI VOLUMI			Foglio n. 43			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1	I1	0.34	2.88	1.44	0.49	2.65
		Ric.3-1	I2	0.59	2.88	1.44	0.85	
		Ric.3-2	I1	0.37	2.88	1.44	0.53	
		Ric.3-2	I2	0.54	2.88	1.44	0.78	
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2	I1	0.37	16.31	8.16	3.02	14.12
		Ric.3-2	I2	0.54	16.31	8.16	4.41	
		Ric.3-3	I1	0.50	16.31	8.16	4.08	
		Ric.3-3	I2	0.32	16.31	8.16	2.61	
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3	I1	0.50	16.30	8.15	4.08	16.79
		Ric.3-3	I2	0.32	16.30	8.15	2.61	
		Ric.3-4	I1	0.82	16.30	8.15	6.68	
		Ric.3-4	I2	0.42	16.30	8.15	3.42	
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4	I1	0.82	4.31	2.15	1.76	5.37
		Ric.3-4	I2	0.42	4.31	2.15	0.90	
		Ric.3-5	I1	0.81	4.31	2.15	1.74	
		Ric.3-5	I2	0.45	4.31	2.15	0.97	
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5	I1	0.81	4.31	2.16	1.75	5.51
		Ric.3-5	I2	0.45	4.31	2.16	0.97	
		Ric.3-6	I1	0.79	4.31	2.16	1.71	
		Ric.3-6	I2	0.50	4.31	2.16	1.08	
Ric.3-6 44.11	Ric.3-7 60.41	Ric.3-6	I1	0.79	16.30	8.15	6.44	17.04
		Ric.3-6	I2	0.50	16.30	8.15	4.08	
		Ric.3-7	I1	0.80	16.30	8.15	6.52	
Ric.3-7 60.41	Ric.3-8 76.72	Ric.3-7	I1	0.80	16.31	8.16	6.53	16.40
		Ric.3-8	I1	1.21	16.31	8.16	9.87	
Ric.3-8 76.72	Ric.3-9 93.30	Ric.3-8	I1	1.21	16.58	8.29	10.03	19.15
		Ric.3-9	I1	1.10	16.58	8.29	9.12	
Ric.3-9 93.30	Ric.3-10 109.60	Ric.3-9	I1	1.10	16.30	8.15	8.97	16.96
		Ric.3-10	I1	0.98	16.30	8.15	7.99	
Ric.3-10 109.60	Ric.3-11 125.90	Ric.3-10	I1	0.98	16.30	8.15	7.99	17.12
		Ric.3-11	I1	0.73	16.30	8.15	5.95	
		Ric.3-11	I2	0.39	16.30	8.15	3.18	
		Ric.3-12	I1	0.72	5.29	2.64	1.90	
Ric.3-11 125.90	Ric.3-12 131.19	Ric.3-12	I1	0.73	5.29	2.64	1.93	5.70
		Ric.3-12	I2	0.39	5.29	2.64	1.03	
		Ric.3-12	I1	0.72	5.29	2.64	1.90	
		Ric.3-12	I2	0.32	5.29	2.64	0.84	
Ric.3-12 131.19	Ric.3-13 136.48	Ric.3-12	I1	0.72	5.29	2.64	1.90	5.30
		Ric.3-12	I2	0.32	5.29	2.64	0.84	
		Ric.3-13	I1	0.69	5.29	2.64	1.82	
		Ric.3-13	I2	0.28	5.29	2.64	0.74	
Ric.3-13 136.48	Ric.3-14 152.78	Ric.3-13	I1	0.69	16.30	8.15	5.62	13.20
		Ric.3-13	I2	0.28	16.30	8.15	2.28	
		Ric.3-14	I1	0.34	16.30	8.15	2.77	
		Ric.3-14	I2	0.31	16.30	8.15	2.53	
Ric.3-14 152.78	Ric.3-15 169.08	Ric.3-14	I1	0.34	16.30	8.15	2.77	11.25
		Ric.3-14	I2	0.31	16.30	8.15	2.53	
		Ric.3-15	I1	0.21	16.30	8.15	1.71	
		Ric.3-15	I2	0.52	16.30	8.15	4.24	
Ric.3-15 169.08	Ric.3-16 170.00	Ric.3-15	I1	0.21	0.92	0.46	0.10	0.69
		Ric.3-15	I2	0.52	0.92	0.46	0.24	
		Ric.3-16	I1	0.21	0.92	0.46	0.10	
		Ric.3-16	I2	0.55	0.92	0.46	0.25	
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			167.25

COMPUTO DEI VOLUMI					Foglio n. 44			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1 Ric.3-2	L1 L1	0.40 0.40	2.88 2.88	1.44 1.44	0.58 0.58	1.16
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2 Ric.3-3	L1 L1	0.40 0.32	16.31 16.31	8.16 8.16	3.26 2.61	5.87
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3 Ric.3-4	L1 L1	0.32 0.28	16.30 16.30	8.15 8.15	2.61 2.28	4.89
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4 Ric.3-5	L1 L1	0.28 0.28	4.31 4.31	2.15 2.15	0.60 0.60	1.20
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5 Ric.3-6	L1 L1	0.28 0.26	4.31 4.31	2.16 2.16	0.60 0.56	1.16
Ric.3-6	Ric.3-7	Ric.3-6	L1	0.26	16.30	8.15	2.12	2.12
Ric.3-10	Ric.3-11	Ric.3-11	L1	0.28	16.30	8.15	2.28	2.28
Ric.3-11 125.90	Ric.3-12 131.19	Ric.3-11 Ric.3-12	L1 L1	0.28 0.29	5.29 5.29	2.64 2.64	0.74 0.77	1.51
Ric.3-12 131.19	Ric.3-13 136.48	Ric.3-12 Ric.3-13	L1 L1	0.29 0.28	5.29 5.29	2.64 2.64	0.77 0.74	1.51
Ric.3-13 136.48	Ric.3-14 152.78	Ric.3-13 Ric.3-14	L1 L1	0.28 0.32	16.30 16.30	8.15 8.15	2.28 2.61	4.89
Ric.3-14 152.78	Ric.3-15 169.08	Ric.3-14 Ric.3-15	L1 L1	0.32 0.37	16.30 16.30	8.15 8.15	2.61 3.02	5.63
Ric.3-15 169.08	Ric.3-16 170.00	Ric.3-15 Ric.3-16	L1 L1	0.37 0.36	0.92 0.92	0.46 0.46	0.17 0.17	0.34
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			32.56

		COMPUTO DEI VOLUMI			Foglio n. 45			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1 Ric.3-2	P1 P1	5.65 5.49	2.88 2.88	1.44 1.44	8.14 7.91	16.05
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2 Ric.3-3 Ric.3-3	P1 P1 P2	5.49 1.09 4.73	16.31 16.31 16.31	8.16 8.16 8.16	44.80 8.89 38.60	
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3 Ric.3-3 Ric.3-4 Ric.3-4	P1 P2 P1 P2	1.09 4.73 0.97 4.44	16.30 16.30 16.30 16.30	8.15 8.15 8.15 8.15	8.88 38.55 7.91 36.19	91.53
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4 Ric.3-4 Ric.3-5	P1 P2 P1	0.97 4.44 3.48	4.31 4.31 4.31	2.15 2.15 2.15	2.09 9.55 7.48	
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5 Ric.3-6	P1 P1	3.48 1.56	4.31 4.31	2.16 2.16	7.52 3.37	10.89
Ric.3-6 44.11	Ric.3-7 60.41	Ric.3-6 Ric.3-7	P1 P1	1.56 1.65	16.30 16.30	8.15 8.15	12.71 13.45	
Ric.3-7	Ric.3-8	Ric.3-7	P1	1.65	16.31	8.16	13.46	13.46
Ric.3-10	Ric.3-11	Ric.3-11	P1	1.96	16.30	8.15	15.97	
Ric.3-11 125.90	Ric.3-12 131.19	Ric.3-11 Ric.3-12	P1 P1	1.96 5.58	5.29 5.29	2.64 2.64	5.17 14.73	19.90
Ric.3-12 131.19	Ric.3-13 136.48	Ric.3-12 Ric.3-13	P1 P1	5.58 5.90	5.29 5.29	2.64 2.64	14.73 15.58	
Ric.3-13 136.48	Ric.3-14 152.78	Ric.3-13 Ric.3-14	P1 P1	5.90 5.79	16.30 16.30	8.15 8.15	48.09 47.19	95.28
Ric.3-14 152.78	Ric.3-15 169.08	Ric.3-14 Ric.3-15	P1 P1	5.79 5.44	16.30 16.30	8.15 8.15	47.19 44.34	
Ric.3-15 169.08	Ric.3-16 170.00	Ric.3-15 Ric.3-16	P1 P1	5.44 5.25	0.92 0.92	0.46 0.46	2.50 2.42	4.92
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			

		COMPUTO DEI VOLUMI			Foglio n. 46			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1 Ric.3-2	Q1 Q1	4.16 4.17	2.88 2.88	1.44 1.44	5.99 6.00	11.99
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2 Ric.3-3	Q1 Q1	4.17 4.49	16.31 16.31	8.16 8.16	34.03 36.64	70.67
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3 Ric.3-4	Q1 Q1	4.49 4.70	16.30 16.30	8.15 8.15	36.59 38.31	74.90
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4 Ric.3-5	Q1 Q1	4.70 2.20	4.31 4.31	2.15 2.15	10.11 4.73	14.84
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5 Ric.3-6	Q1 Q1	2.20 1.49	4.31 4.31	2.16 2.16	4.75 3.22	7.97
Ric.3-6 44.11	Ric.3-7 60.41	Ric.3-6 Ric.3-7	Q1 Q1	1.49 1.93	16.30 16.30	8.15 8.15	12.14 15.73	27.87
Ric.3-7	Ric.3-8	Ric.3-7	Q1	1.93	16.31	8.16	15.75	15.75
Ric.3-10	Ric.3-11	Ric.3-11	Q1	1.85	16.30	8.15	15.08	15.08
Ric.3-11 125.90	Ric.3-12 131.19	Ric.3-11 Ric.3-12	Q1 Q1	1.85 3.50	5.29 5.29	2.64 2.64	4.88 9.24	14.12
Ric.3-12 131.19	Ric.3-13 136.48	Ric.3-12 Ric.3-13	Q1 Q1	3.50 3.84	5.29 5.29	2.64 2.64	9.24 10.14	19.38
Ric.3-13 136.48	Ric.3-14 152.78	Ric.3-13 Ric.3-14	Q1 Q1	3.84 4.22	16.30 16.30	8.15 8.15	31.30 34.39	65.69
Ric.3-14 152.78	Ric.3-15 169.08	Ric.3-14 Ric.3-15	Q1 Q1	4.22 3.88	16.30 16.30	8.15 8.15	34.39 31.62	66.01
Ric.3-15 169.08	Ric.3-16 170.00	Ric.3-15 Ric.3-16	Q1 Q1	3.88 3.81	0.92 0.92	0.46 0.46	1.78 1.75	3.53
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			407.80

		COMPUTO DEI VOLUMI			Foglio n. 47			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1	T1	0.46	2.88	1.44	0.66	
		Ric.3-1	T2	0.48	2.88	1.44	0.69	
		Ric.3-1	T3	0.34	2.88	1.44	0.49	
		Ric.3-2	T1	0.44	2.88	1.44	0.63	
		Ric.3-2	T2	0.85	2.88	1.44	1.22	
								3.69
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2	T1	0.44	16.31	8.16	3.59	
		Ric.3-2	T2	0.85	16.31	8.16	6.94	
		Ric.3-3	T1	0.36	16.31	8.16	2.94	
		Ric.3-3	T2	1.28	16.31	8.16	10.44	
								23.91
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3	T1	0.36	16.30	8.15	2.93	
		Ric.3-3	T2	1.28	16.30	8.15	10.43	
		Ric.3-4	T1	0.35	16.30	8.15	2.85	
		Ric.3-4	T2	2.08	16.30	8.15	16.95	
								33.16
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4	T1	0.35	4.31	2.15	0.75	
		Ric.3-4	T2	2.08	4.31	2.15	4.47	
		Ric.3-5	T1	1.65	4.31	2.15	3.55	
								8.77
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5	T1	1.65	4.31	2.16	3.56	
		Ric.3-6	T1	0.45	4.31	2.16	0.97	
								4.53
Ric.3-6 44.11	Ric.3-7 60.41	Ric.3-6	T1	0.45	16.30	8.15	3.67	
		Ric.3-7	T1	0.26	16.30	8.15	2.12	
								5.79
Ric.3-7 60.41	Ric.3-8 66.11	Ric.3-7	T1	0.26	16.31	8.16	2.12	
								2.12
Ric.3-10 66.11	Ric.3-11 72.81	Ric.3-11	T1	0.60	16.30	8.15	4.89	
								4.89
Ric.3-11 72.81	Ric.3-12 79.51	Ric.3-11	T1	0.60	5.29	2.64	1.58	
		Ric.3-12	T1	2.57	5.29	2.64	6.78	
								8.36
Ric.3-12 79.51	Ric.3-13 86.21	Ric.3-12	T1	2.57	5.29	2.64	6.78	
		Ric.3-13	T1	2.47	5.29	2.64	6.52	
								13.30
Ric.3-13 86.21	Ric.3-14 92.91	Ric.3-13	T1	2.47	16.30	8.15	20.13	
		Ric.3-14	T1	0.43	16.30	8.15	3.50	
		Ric.3-14	T2	1.26	16.30	8.15	10.27	
								33.90
Ric.3-14 92.91	Ric.3-15 99.61	Ric.3-14	T1	0.43	16.30	8.15	3.50	
		Ric.3-14	T2	1.26	16.30	8.15	10.27	
		Ric.3-15	T1	1.56	16.30	8.15	12.71	
								26.48
Ric.3-15 99.61	Ric.3-16 106.31	Ric.3-15	T1	1.56	0.92	0.46	0.72	
		Ric.3-16	T1	0.40	0.92	0.46	0.18	
		Ric.3-16	T2	1.01	0.92	0.46	0.46	
								1.36
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			170.26

		COMPUTO DI SUPERFICI			Foglio n. 48			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1 Ric.3-2	a1 a1	6.52 6.56	2.88 2.88	1.44 1.44	9.39 9.45	18.84
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2 Ric.3-3	a1 a1	6.56 7.00	16.31 16.31	8.16 8.16	53.53 57.12	110.65
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3 Ric.3-4	a1 a1	7.00 8.59	16.30 16.30	8.15 8.15	57.05 70.01	127.06
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4 Ric.3-5	a1 a1	8.59 8.72	4.31 4.31	2.15 2.15	18.47 18.75	37.22
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5 Ric.3-6	a1 a1	8.72 8.72	4.31 4.31	2.16 2.16	18.84 18.84	37.68
Ric.3-6 44.11	Ric.3-7 60.41	Ric.3-6 Ric.3-7	a1 a1	8.72 7.47	16.30 16.30	8.15 8.15	71.07 60.88	131.95
Ric.3-7 60.41	Ric.3-8 76.72	Ric.3-7 Ric.3-8	a1 a1	7.47 6.56	16.31 16.31	8.16 8.16	60.96 53.53	114.49
Ric.3-8 76.72	Ric.3-9 93.30	Ric.3-8 Ric.3-9	a1 a1	6.56 6.56	16.58 16.58	8.29 8.29	54.38 54.38	108.76
Ric.3-9 93.30	Ric.3-10 109.60	Ric.3-9 Ric.3-10	a1 a1	6.56 7.06	16.30 16.30	8.15 8.15	53.46 57.54	111.00
Ric.3-10 109.60	Ric.3-11 125.90	Ric.3-10 Ric.3-11	a1 a1	7.06 8.66	16.30 16.30	8.15 8.15	57.54 70.58	128.12
Ric.3-11 125.90	Ric.3-12 131.19	Ric.3-11 Ric.3-12	a1 a1	8.66 8.81	5.29 5.29	2.64 2.64	22.86 23.26	46.12
Ric.3-12 131.19	Ric.3-13 136.48	Ric.3-12 Ric.3-13	a1 a1	8.81 8.71	5.29 5.29	2.64 2.64	23.26 22.99	46.25
Ric.3-13 136.48	Ric.3-14 152.78	Ric.3-13 Ric.3-14	a1 a1	8.71 6.98	16.30 16.30	8.15 8.15	70.99 56.89	127.88
Ric.3-14 152.78	Ric.3-15 169.08	Ric.3-14 Ric.3-15	a1 a1	6.98 6.56	16.30 16.30	8.15 8.15	56.89 53.46	110.35
Ric.3-15 169.08	Ric.3-16 170.00	Ric.3-15 Ric.3-16	a1 a1	6.56 6.54	0.92 0.92	0.46 0.46	3.02 3.01	6.03
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			1262.40

COMPUTO DI SUPERFICI					Foglio n. 49			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1 Ric.3-2	b1 b1	6.52 6.56	2.88 2.88	1.44 1.44	9.39 9.45	18.84
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2 Ric.3-3	b1 b1	6.56 7.00	16.31 16.31	8.16 8.16	53.53 57.12	110.65
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3 Ric.3-4	b1 b1	7.00 8.59	16.30 16.30	8.15 8.15	57.05 70.01	127.06
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4 Ric.3-5	b1 b1	8.59 8.72	4.31 4.31	2.15 2.15	18.47 18.75	37.22
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5 Ric.3-6	b1 b1	8.72 8.72	4.31 4.31	2.16 2.16	18.84 18.84	37.68
Ric.3-6 44.11	Ric.3-7 60.41	Ric.3-6 Ric.3-7	b1 b1	8.72 7.47	16.30 16.30	8.15 8.15	71.07 60.88	131.95
Ric.3-7 60.41	Ric.3-8 76.72	Ric.3-7 Ric.3-8	b1 b1	7.47 6.56	16.31 16.31	8.16 8.16	60.96 53.53	114.49
Ric.3-8 76.72	Ric.3-9 93.30	Ric.3-8 Ric.3-9	b1 b1	6.56 6.56	16.58 16.58	8.29 8.29	54.38 54.38	108.76
Ric.3-9 93.30	Ric.3-10 109.60	Ric.3-9 Ric.3-10	b1 b1	6.56 7.06	16.30 16.30	8.15 8.15	53.46 57.54	111.00
Ric.3-10 109.60	Ric.3-11 125.90	Ric.3-10 Ric.3-11	b1 b1	7.06 8.66	16.30 16.30	8.15 8.15	57.54 70.58	128.12
Ric.3-11 125.90	Ric.3-12 131.19	Ric.3-11 Ric.3-12	b1 b1	8.66 8.81	5.29 5.29	2.64 2.64	22.86 23.26	46.12
Ric.3-12 131.19	Ric.3-13 136.48	Ric.3-12 Ric.3-13	b1 b1	8.81 8.71	5.29 5.29	2.64 2.64	23.26 22.99	46.25
Ric.3-13 136.48	Ric.3-14 152.78	Ric.3-13 Ric.3-14	b1 b1	8.71 6.98	16.30 16.30	8.15 8.15	70.99 56.89	127.88
Ric.3-14 152.78	Ric.3-15 169.08	Ric.3-14 Ric.3-15	b1 b1	6.98 6.56	16.30 16.30	8.15 8.15	56.89 53.46	110.35
Ric.3-15 169.08	Ric.3-16 170.00	Ric.3-15 Ric.3-16	b1 b1	6.56 6.54	0.92 0.92	0.46 0.46	3.02 3.01	6.03
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			1262.40

COMPUTO DI SUPERFICI					Foglio n. 50			
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
Ric.3-3	Ric.3-4	Ric.3-4	e1	2.54	16.30	8.15	20.70	20.70
Ric.3-4	Ric.3-5	Ric.3-4	e1	2.54	4.31	2.15	5.46	
35.49	39.80	Ric.3-5	e1	3.77	4.31	2.15	8.11	13.57
Ric.3-5	Ric.3-6	Ric.3-5	e1	3.77	4.31	2.16	8.14	
39.80	44.11	Ric.3-6	e1	5.69	4.31	2.16	12.29	20.43
Ric.3-6	Ric.3-7	Ric.3-6	e1	5.69	16.30	8.15	46.37	46.37
Ric.3-10	Ric.3-11	Ric.3-11	e1	3.79	16.30	8.15	30.89	30.89
Ric.3-11	Ric.3-12	Ric.3-11	e1	3.79	5.29	2.64	10.01	
125.90	131.19	Ric.3-12	e1	0.50	5.29	2.64	1.32	11.33
Ric.3-12	Ric.3-13	Ric.3-12	e1	0.50	5.29	2.64	1.32	1.32
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			144.61

COMPUTO DI SUPERFICI					Foglio n. 51			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1 Ric.3-2	f1 f1	10.65 10.65	2.88 2.88	1.44 1.44	15.34 15.34	30.68
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2 Ric.3-3	f1 f1	10.65 11.37	16.31 16.31	8.16 8.16	86.90 92.78	179.68
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3 Ric.3-4	f1 f1	11.37 11.89	16.30 16.30	8.15 8.15	92.67 96.90	189.57
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4 Ric.3-5	f1 f1	11.89 10.87	4.31 4.31	2.15 2.15	25.56 23.37	48.93
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5 Ric.3-6	f1 f1	10.87 9.02	4.31 4.31	2.16 2.16	23.48 19.48	42.96
Ric.3-6 44.11	Ric.3-7 60.41	Ric.3-6 Ric.3-7	f1 f1	9.02 11.59	16.30 16.30	8.15 8.15	73.51 94.46	167.97
Ric.3-7 60.41	Ric.3-8 76.72	Ric.3-7 Ric.3-8	f1 f1	11.59 11.72	16.31 16.31	8.16 8.16	94.57 95.64	190.21
Ric.3-8 76.72	Ric.3-9 93.30	Ric.3-8 Ric.3-9	f1 f1	11.72 11.39	16.58 16.58	8.29 8.29	97.16 94.42	191.58
Ric.3-9 93.30	Ric.3-10 109.60	Ric.3-9 Ric.3-10	f1 f1	11.39 11.54	16.30 16.30	8.15 8.15	92.83 94.05	186.88
Ric.3-10 109.60	Ric.3-11 125.90	Ric.3-10 Ric.3-11	f1 f1	11.54 10.35	16.30 16.30	8.15 8.15	94.05 84.35	178.40
Ric.3-11 125.90	Ric.3-12 131.19	Ric.3-11 Ric.3-12	f1 f1	10.35 13.53	5.29 5.29	2.64 2.64	27.32 35.72	63.04
Ric.3-12 131.19	Ric.3-13 136.48	Ric.3-12 Ric.3-13	f1 f1	13.53 13.93	5.29 5.29	2.64 2.64	35.72 36.78	72.50
Ric.3-13 136.48	Ric.3-14 152.78	Ric.3-13 Ric.3-14	f1 f1	13.93 10.67	16.30 16.30	8.15 8.15	113.53 86.96	200.49
Ric.3-14 152.78	Ric.3-15 169.08	Ric.3-14 Ric.3-15	f1 f1	10.67 9.84	16.30 16.30	8.15 8.15	86.96 80.20	167.16
Ric.3-15 169.08	Ric.3-16 170.00	Ric.3-15 Ric.3-16	f1 f1	9.84 9.67	0.92 0.92	0.46 0.46	4.53 4.45	8.98
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			1919.03

COMPUTO DI SUPERFICI					Foglio n. 52			
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
Ric.3-3	Ric.3-4	Ric.3-4	h1	2.54	16.30	8.15	20.70	20.70
Ric.3-4	Ric.3-5	Ric.3-4	h1	2.54	4.31	2.15	5.46	
35.49	39.80	Ric.3-5	h1	3.77	4.31	2.15	8.11	13.57
Ric.3-5	Ric.3-6	Ric.3-5	h1	3.77	4.31	2.16	8.14	
39.80	44.11	Ric.3-6	h1	5.69	4.31	2.16	12.29	20.43
Ric.3-6	Ric.3-7	Ric.3-6	h1	5.69	16.30	8.15	46.37	46.37
Ric.3-10	Ric.3-11	Ric.3-11	h1	3.79	16.30	8.15	30.89	30.89
Ric.3-11	Ric.3-12	Ric.3-11	h1	3.79	5.29	2.64	10.01	
125.90	131.19	Ric.3-12	h1	0.50	5.29	2.64	1.32	11.33
Ric.3-12	Ric.3-13	Ric.3-12	h1	0.50	5.29	2.64	1.32	1.32
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			144.61

COMPUTO DI SUPERFICI					Foglio n. 53			
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
Ric.3-3	Ric.3-4	Ric.3-4	i1	2.54	16.30	8.15	20.70	20.70
Ric.3-4	Ric.3-5	Ric.3-4	i1	2.54	4.31	2.15	5.46	
35.49	39.80	Ric.3-5	i1	3.77	4.31	2.15	8.11	13.57
Ric.3-5	Ric.3-6	Ric.3-5	i1	3.77	4.31	2.16	8.14	
39.80	44.11	Ric.3-6	i1	5.69	4.31	2.16	12.29	20.43
Ric.3-6	Ric.3-7	Ric.3-6	i1	5.69	16.30	8.15	46.37	46.37
Ric.3-10	Ric.3-11	Ric.3-11	i1	3.79	16.30	8.15	30.89	30.89
Ric.3-11	Ric.3-12	Ric.3-11	i1	3.79	5.29	2.64	10.01	
125.90	131.19	Ric.3-12	i1	0.50	5.29	2.64	1.32	11.33
Ric.3-12	Ric.3-13	Ric.3-12	i1	0.50	5.29	2.64	1.32	1.32
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			144.61

COMPUTO DI SUPERFICI					Foglio n. 54			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1 Ric.3-2	k1 k1	10.65 10.65	2.88 2.88	1.44 1.44	15.34 15.34	30.68
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2 Ric.3-3	k1 k1	10.65 11.37	16.31 16.31	8.16 8.16	86.90 92.78	179.68
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3 Ric.3-4	k1 k1	11.37 11.89	16.30 16.30	8.15 8.15	92.67 96.90	189.57
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4 Ric.3-5	k1 k1	11.89 5.65	4.31 4.31	2.15 2.15	25.56 12.15	37.71
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5 Ric.3-6	k1 k1	5.65 3.84	4.31 4.31	2.16 2.16	12.20 8.29	20.49
Ric.3-6 44.11	Ric.3-7 60.41	Ric.3-6 Ric.3-7	k1 k1	3.84 4.87	16.30 16.30	8.15 8.15	31.30 39.69	70.99
Ric.3-7	Ric.3-8	Ric.3-7	k1	4.87	16.31	8.16	39.74	39.74
Ric.3-10	Ric.3-11	Ric.3-11	k1	4.69	16.30	8.15	38.22	38.22
Ric.3-11 125.90	Ric.3-12 131.19	Ric.3-11 Ric.3-12	k1 k1	4.69 8.80	5.29 5.29	2.64 2.64	12.38 23.23	35.61
Ric.3-12 131.19	Ric.3-13 136.48	Ric.3-12 Ric.3-13	k1 k1	8.80 9.61	5.29 5.29	2.64 2.64	23.23 25.37	48.60
Ric.3-13 136.48	Ric.3-14 152.78	Ric.3-13 Ric.3-14	k1 k1	9.61 10.67	16.30 16.30	8.15 8.15	78.32 86.96	165.28
Ric.3-14 152.78	Ric.3-15 169.08	Ric.3-14 Ric.3-15	k1 k1	10.67 9.84	16.30 16.30	8.15 8.15	86.96 80.20	167.16
Ric.3-15 169.08	Ric.3-16 170.00	Ric.3-15 Ric.3-16	k1 k1	9.84 9.67	0.92 0.92	0.46 0.46	4.53 4.45	8.98
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			1032.71

COMPUTO DI SUPERFICI					Foglio n. 55			
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
Ric.3-1 0.00	Ric.3-2 2.88	Ric.3-1 Ric.3-2	11 11	10.65 10.65	2.88 2.88	1.44 1.44	15.34 15.34	30.68
Ric.3-2 2.88	Ric.3-3 19.19	Ric.3-2 Ric.3-3	11 11	10.65 11.37	16.31 16.31	8.16 8.16	86.90 92.78	179.68
Ric.3-3 19.19	Ric.3-4 35.49	Ric.3-3 Ric.3-4	11 11	11.37 11.89	16.30 16.30	8.15 8.15	92.67 96.90	189.57
Ric.3-4 35.49	Ric.3-5 39.80	Ric.3-4 Ric.3-5	11 11	11.89 5.66	4.31 4.31	2.15 2.15	25.56 12.17	37.73
Ric.3-5 39.80	Ric.3-6 44.11	Ric.3-5 Ric.3-6	11 11	5.66 3.84	4.31 4.31	2.16 2.16	12.23 8.29	20.52
Ric.3-6 44.11	Ric.3-7 60.41	Ric.3-6 Ric.3-7	11 11	3.84 4.87	16.30 16.30	8.15 8.15	31.30 39.69	70.99
Ric.3-7	Ric.3-8	Ric.3-7	11	4.87	16.31	8.16	39.74	39.74
Ric.3-10	Ric.3-11	Ric.3-11	11	4.69	16.30	8.15	38.22	38.22
Ric.3-11 125.90	Ric.3-12 131.19	Ric.3-11 Ric.3-12	11 11	4.69 8.80	5.29 5.29	2.64 2.64	12.38 23.23	35.61
Ric.3-12 131.19	Ric.3-13 136.48	Ric.3-12 Ric.3-13	11 11	8.80 9.61	5.29 5.29	2.64 2.64	23.23 25.37	48.60
Ric.3-13 136.48	Ric.3-14 152.78	Ric.3-13 Ric.3-14	11 11	9.61 10.67	16.30 16.30	8.15 8.15	78.32 86.96	165.28
Ric.3-14 152.78	Ric.3-15 169.08	Ric.3-14 Ric.3-15	11 11	10.67 9.84	16.30 16.30	8.15 8.15	86.96 80.20	167.16
Ric.3-15 169.08	Ric.3-16 170.00	Ric.3-15 Ric.3-16	11 11	9.84 9.67	0.92 0.92	0.46 0.46	4.53 4.45	8.98
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			1032.76

COMPUTO DEI VOLUMI		Foglio n. 56	
Volume dalla sezione Ric.3-1 alla sezione Ric.3-16			
ARTICOLO			VOLUME
SCAVO		mc	1212.77
SCAVO PER BONIFICA		mc	115.42
RILEVATO 1		mc	15.80
RILEVATO 2		mc	57.71
MATERIALE ANTICAPILLARE		mc	57.71
FONDAZIONE IN MISTO GRANULARE		mc	403.87
TERRENO VEGETALE		mc	167.25
MISTO GRANULARE COMPATTATO		mc	32.56
SCAVO PER BONIFICA IN TRINCEA		mc	527.41
ANTICAPILLARE TRINCEA		mc	407.80
RILEVATO 3		mc	170.26
CONGL. BIT. (Binder)		mq	1262.40
TAPPETO DI USURA		mq	1262.40
PREPARAZIONE PIANO DI POSA		mq	144.61
SCOTICO IN TRINCEA		mq	1919.03
GEOTESSILE INF.		mq	144.61
GEOTESSILE SUP.		mq	144.61
GEOTESSILE INF_TRINCEA		mq	1032.71
GEOTESSILE SUP_TRINCEA		mq	1032.76