

NUOVA S.S. 341 "GALLARATESE" - TRATTO DA SAMARATE A CONFINE
CON LA PROVINCIA DI NOVARA - TRATTO NORD

STRALCIO FUNZIONALE DAL KM 6+500 (SVINCOLO S.S. 336 NORD)
AL KM 8+844 (SVINCOLO AUTOSTRADA A8)
"BRETELLA DI GALLARATE"

PROGETTO ESECUTIVO

	 <p>Ing. Valerio Bajetti Ordine degli Ingg. di Roma e provincia n° A-26211</p>	<p>ING. RENATO DEL PRETE</p> <p>Ing. Renato Del Prete Ordine degli Ingg. di Bari e provincia n° 5073</p>	 <p>Arch. Nicoletta Frattini Ordine degli Arch. di Torino e provincia n° A-8433</p>	 <p>Ing. Gabriele Incecchi Ordine degli Ingg. di Roma e provincia n° A-12102</p>
	<p>Ing. Renato Vaira (Ordine degli Ingg. di Torino e Provincia n° 4663 W)</p>	 <p>Società designata: GA&M</p> <p>Prof. Ing. Matteo Ranieri Ordine degli Ingg. di Bari e provincia n° 1137</p>	<p>SETAC Srl Servizi & Engineering Trasporti Ambiente Costruzioni</p> <p>Prof. Ing. Luigi Monterisi Ordine degli Ingg. di Bari e provincia n° 1771</p>	<p>ARKE' INGEGNERIA s.r.l. Via Innesapalena-Torricchio s.n. 70172, Bari</p> <p>Ing. Gioacchino Angarano Ordine degli Ingg. di Bari e provincia n° 5970</p>
<p>VISTO: IL RESPONSABILE DEL PROCEDIMENTO</p> <p>Dott. Ing. Giancarlo LUONGO</p>	<p>RESPONSABILE INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE</p>  <p>Ing. Renato DEL PRETE</p>	<p>IL PROGETTISTA FIRMATARIO DELLA PRESTAZIONE</p>  <p>Ing. Valerio BAJETTI</p>	<p>GEOLOGO</p>  <p>Prof. Ing. Geol. Luigi MONTERISI</p>	<p>COORDINATORE DELLA SICUREZZA IN FASE DI PROGETTAZIONE</p>  <p>Ing. Gaetano RANIERI</p>

FA072

F-PROGETTO IDRAULICO
FA- RETICOLO IDROGRAFICO
Tabulato movimenti materia Canale Trapezio n. 15

CODICE PROGETTO		NOME FILE		REVISIONE	SCALA:
PROGETTO	LIV. PROG.	N. PROG.	FA072-P00ID01IDRCM15_A.dwg		
MI533	E	1801	CODICE ELAB. P00ID01IDRCM15	A	1:100
C					
B					
A	EMISSIONE		Maggio 2021	ING. MICHELE SCINTO	ING. VALERIO BAJETTI
REV.	DESCRIZIONE		DATA	REDATTO	VERIFICATO APPROVATO

		CALCOLO DELLE AREE			Foglio n. 1
RINTERRO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
1 0.00	A1	$(-3.00--3.95) \times (245.53+244.90) / 2$ $(-2.50--3.00) \times (245.53+245.53) / 2$ $(-2.10--2.50) \times (245.13+245.53) / 2$ $(-2.66--2.10) \times (245.03+245.13) / 2$ $(-2.70--2.66) \times (245.02+245.03) / 2$ $(-2.72--2.70) \times (245.02+245.02) / 2$ $(-3.95--2.72) \times (244.90+245.02) / 2$	232.95 122.77 98.13 -137.24 -9.80 -4.90 -301.30		
1 0.00	A2	$(-1.00--1.25) \times (245.53+245.29) / 2$ $(-0.00--1.00) \times (245.53+245.53) / 2$ $(-0.51--0.00) \times (245.42+245.53) / 2$ $(-0.56--0.51) \times (245.41+245.42) / 2$ $(-0.65--0.56) \times (245.40+245.41) / 2$ $(-0.69--0.65) \times (245.39+245.40) / 2$ $(-1.25--0.69) \times (245.29+245.39) / 2$	61.35 245.53 -125.19 -12.27 -22.09 -9.82 -137.39	0.61	
2 20.00	A1	$(-3.00--3.05) \times (245.58+245.55) / 2$ $(-2.50--3.00) \times (245.58+245.58) / 2$ $(-2.47--2.50) \times (245.55+245.58) / 2$ $(-3.05--2.47) \times (245.55+245.55) / 2$	12.28 122.79 7.37 -142.42	0.12	
2 20.00	A2	$(-1.00--1.01) \times (245.58+245.57) / 2$ $(-0.00--1.00) \times (245.58+245.58) / 2$ $(-1.01--0.00) \times (245.57+245.58) / 2$	2.46 245.58 -248.03	0.02	
3 40.00	A1	$(-3.00--3.05) \times (245.50+245.47) / 2$ $(-2.50--3.00) \times (245.50+245.50) / 2$ $(-2.47--2.50) \times (245.47+245.50) / 2$ $(-3.05--2.47) \times (245.47+245.47) / 2$	12.27 122.75 7.36 -142.37	0.01	
3 40.00	A2	$(-1.00--1.01) \times (245.50+245.49) / 2$ $(-0.00--1.00) \times (245.50+245.50) / 2$ $(-1.01--0.00) \times (245.49+245.50) / 2$	2.45 245.50 -247.95	0.01	
4 60.00	A1	$(-3.00--3.05) \times (245.46+245.43) / 2$ $(-2.50--3.00) \times (245.46+245.46) / 2$ $(-2.47--2.50) \times (245.43+245.46) / 2$ $(-3.05--2.47) \times (245.43+245.43) / 2$	12.27 122.73 7.36 -142.35	0.01	
4 60.00	A2	$(-1.00--1.01) \times (245.46+245.45) / 2$ $(0.00--1.00) \times (245.46+245.46) / 2$ $(-1.01--0.00) \times (245.45+245.46) / 2$	2.45 245.46 -247.91	0.01	
5 80.00	A1	$(-3.00--3.04) \times (245.26+245.24) / 2$ $(-2.50--3.00) \times (245.26+245.26) / 2$ $(-2.48--2.50) \times (245.24+245.26) / 2$ $(-3.04--2.48) \times (245.24+245.24) / 2$	9.81 122.63 4.91 -137.33	0.02	
5 80.00	A2	$(-1.00--1.01) \times (245.26+245.25) / 2$ $(0.00--1.00) \times (245.26+245.26) / 2$ $(-1.01--0.00) \times (245.25+245.26) / 2$	2.45 245.26 -247.71	0.02	
6 100.00	A1	$(-3.00--3.04) \times (245.15+245.13) / 2$ $(-2.50--3.00) \times (245.15+245.15) / 2$ $(-2.48--2.50) \times (245.13+245.15) / 2$ $(-3.04--2.48) \times (245.13+245.13) / 2$	9.81 122.58 4.90 -137.27	0.02	
6 100.00	A2	$(-1.00--1.01) \times (245.15+245.14) / 2$ $(-0.00--1.00) \times (245.15+245.15) / 2$ $(-1.01--0.00) \times (245.14+245.15) / 2$	2.45 245.15 -247.60	0.02	
7 120.00	A1	$(-3.00--3.02) \times (245.02+245.01) / 2$ $(-2.50--3.00) \times (245.02+245.02) / 2$ $(-2.49--2.50) \times (245.01+245.02) / 2$ $(-3.02--2.49) \times (245.01+245.01) / 2$	4.90 122.51 2.45 -129.86		
7 120.00	A2	$(0.00--1.00) \times (245.02+245.02) / 2$ $(-1.00--0.00) \times (245.02+245.02) / 2$	245.02 -245.02		
8 140.00	A1	$(-3.00--3.01) \times (244.89+244.88) / 2$ $(-2.50--3.00) \times (244.89+244.89) / 2$ $(-3.01--2.50) \times (244.88+244.88) / 2$	2.45 122.44 -124.89		
11 200.00	A1	$(-3.00--3.02) \times (244.24+244.23) / 2$ $(-2.50--3.00) \times (244.24+244.24) / 2$ $(-2.49--2.50) \times (244.23+244.24) / 2$ $(-3.02--2.49) \times (244.23+244.23) / 2$	4.88 122.12 2.44 -129.44		
11 200.00	A2	$(0.00--1.00) \times (244.24+244.24) / 2$ $(-1.00--0.00) \times (244.24+244.24) / 2$	244.24 -244.24		
12 220.00	A1	$(-2.50--3.00) \times (244.02+244.02) / 2$ $(-3.00--2.50) \times (244.01+244.01) / 2$	122.01 -122.01		
14 260.00	A1	$(-3.00--3.03) \times (243.66+243.64) / 2$ $(-2.50--3.00) \times (243.66+243.66) / 2$ $(-2.48--2.50) \times (243.64+243.66) / 2$ $(-3.03--2.48) \times (243.64+243.64) / 2$	7.31 121.83 4.87 -134.00	0.01	
14 260.00	A2	$(-1.00--1.01) \times (243.66+243.65) / 2$ $(0.00--1.00) \times (243.66+243.66) / 2$ $(-1.01--0.00) \times (243.65+243.66) / 2$	2.44 243.66 -246.09	0.01	
15 280.00	A1	$(-3.00--3.03) \times (243.53+243.51) / 2$ $(-2.50--3.00) \times (243.53+243.53) / 2$ $(-2.49--2.50) \times (243.51+243.53) / 2$ $(-3.03--2.49) \times (243.51+243.51) / 2$	7.31 121.77 2.44 -131.50	0.02	
15 280.00	A2	$(-1.00--1.01) \times (243.53+243.52) / 2$ $(0.00--1.00) \times (243.53+243.53) / 2$ $(-1.01--0.00) \times (243.52+243.53) / 2$	2.44 243.53 -245.96	0.02	
16 300.00	A1	$(-3.00--3.03) \times (244.00+243.98) / 2$ $(-2.50--3.00) \times (244.00+244.00) / 2$ $(-2.48--2.50) \times (243.98+244.00) / 2$ $(-3.03--2.48) \times (243.98+243.98) / 2$	7.32 122.00 4.88 -134.19	0.01	
A RIPORTARE mq			0.01		

		CALCOLO DELLE AREE	Foglio n. 2		
RINTERRO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			0.01		
16 300.00	A2	$(-1.00--1.01) \times (244.00+243.99) / 2$ $(-0.00--1.00) \times (244.00+244.00) / 2$ $(-1.01--0.00) \times (243.99+244.00) / 2$	2.44 244.00 -246.43	0.01	
19 360.00	A1	$(-3.00--3.06) \times (243.07+243.03) / 2$ $(-2.50--3.00) \times (243.07+243.07) / 2$ $(-2.46--2.50) \times (243.04+243.07) / 2$ $(-3.06--2.46) \times (243.03+243.04) / 2$	14.58 121.54 9.72 -145.82	0.01	
19 360.00	A2	$(-1.00--1.02) \times (243.07+243.06) / 2$ $(0.00--1.00) \times (243.07+243.07) / 2$ $(-1.02--0.00) \times (243.06+243.07) / 2$	4.86 243.07 -247.93	0.02	
20 380.00	A1	$(-3.00--3.10) \times (243.01+242.95) / 2$ $(-2.50--3.00) \times (243.01+243.01) / 2$ $(-2.45--2.50) \times (242.96+243.01) / 2$ $(-3.10--2.45) \times (242.95+242.96) / 2$	24.30 121.51 12.15 -157.92		
20 380.00	A2	$(-1.00--1.02) \times (243.01+242.99) / 2$ $(0.00--1.00) \times (243.01+243.01) / 2$ $(-1.02--0.00) \times (242.99+243.01) / 2$	4.86 243.01 -247.86	0.04	
21 400.00	A1	$(-3.00--3.05) \times (242.79+242.76) / 2$ $(-2.50--3.00) \times (242.79+242.79) / 2$ $(-2.48--2.50) \times (242.77+242.79) / 2$ $(-3.05--2.48) \times (242.76+242.77) / 2$	12.14 121.40 4.86 -138.38	0.01	
21 400.00	A2	$(-1.00--1.01) \times (242.79+242.78) / 2$ $(-0.00--1.00) \times (242.79+242.79) / 2$ $(-1.01--0.00) \times (242.78+242.79) / 2$	2.43 242.79 -245.21	0.02	
22 420.00	A1	$(-3.00--3.03) \times (242.61+242.59) / 2$ $(-2.50--3.00) \times (242.61+242.61) / 2$ $(-2.48--2.50) \times (242.59+242.61) / 2$ $(-3.03--2.48) \times (242.59+242.59) / 2$	7.28 121.31 4.85 -133.42	0.01	
22 420.00	A2	$(-1.00--1.01) \times (242.61+242.60) / 2$ $(0.00--1.00) \times (242.61+242.61) / 2$ $(-1.01--0.00) \times (242.60+242.61) / 2$	2.43 242.61 -245.03	0.02	
23 440.00	A1	$(-3.00--3.04) \times (242.49+242.47) / 2$ $(-2.50--3.00) \times (242.49+242.49) / 2$ $(-2.48--2.50) \times (242.47+242.49) / 2$ $(-3.04--2.48) \times (242.47+242.47) / 2$	9.70 121.25 4.85 -135.78	0.01	
23 440.00	A2	$(-1.00--1.01) \times (242.49+242.48) / 2$ $(0.00--1.00) \times (242.49+242.49) / 2$ $(-1.01--0.00) \times (242.48+242.49) / 2$	2.42 242.49 -244.91	0.02	
24 460.00	A1	$(-3.00--3.04) \times (242.48+242.46) / 2$ $(-2.50--3.00) \times (242.48+242.48) / 2$ $(-2.48--2.50) \times (242.46+242.48) / 2$ $(-2.49--2.48) \times (242.46+242.46) / 2$ $(-3.04--2.49) \times (242.46+242.46) / 2$	9.70 121.24 4.85 -2.42 -133.35		
24 460.00	A2	$(-1.00--1.01) \times (242.48+242.47) / 2$ $(0.00--1.00) \times (242.48+242.48) / 2$ $(-1.01--0.00) \times (242.47+242.48) / 2$	2.42 242.48 -244.90	0.02	
25 480.00	A1	$(-3.00--3.02) \times (242.42+242.40) / 2$ $(-2.50--3.00) \times (242.42+242.42) / 2$ $(-2.49--2.50) \times (242.41+242.42) / 2$ $(-3.02--2.49) \times (242.40+242.41) / 2$	4.85 121.21 2.42 -128.47		
25 480.00	A2	$(-0.00--1.00) \times (242.42+242.42) / 2$ $(-1.00--0.00) \times (242.41+242.42) / 2$	242.42 -242.41	0.01	
27 520.00	A1	$(-3.00--3.03) \times (242.33+242.31) / 2$ $(-2.50--3.00) \times (242.33+242.33) / 2$ $(-2.48--2.50) \times (242.31+242.33) / 2$ $(-3.03--2.48) \times (242.31+242.31) / 2$	7.27 121.17 4.85 -133.27	0.01	
27 520.00	A2	$(-1.00--1.01) \times (242.33+242.32) / 2$ $(-0.00--1.00) \times (242.33+242.33) / 2$ $(-1.01--0.00) \times (242.32+242.33) / 2$	2.42 242.33 -244.75	0.02	
28 540.00	A1	$(-3.00--3.03) \times (242.12+242.11) / 2$ $(-2.50--3.00) \times (242.12+242.12) / 2$ $(-2.48--2.50) \times (242.11+242.12) / 2$ $(-3.03--2.48) \times (242.11+242.11) / 2$	7.26 121.06 4.84 -133.16		
28 540.00	A2	$(-1.00--1.01) \times (242.12+242.12) / 2$ $(0.00--1.00) \times (242.12+242.12) / 2$ $(-1.01--0.00) \times (242.12+242.12) / 2$	2.42 242.12 -244.54		
29 560.00	A1	$(-3.00--3.03) \times (242.19+242.17) / 2$ $(-2.50--3.00) \times (242.19+242.19) / 2$ $(-2.48--2.50) \times (242.17+242.19) / 2$ $(-3.03--2.48) \times (242.17+242.17) / 2$	7.27 121.10 4.84 -133.19		
29 560.00	A2	$(-1.00--1.01) \times (242.19+242.18) / 2$ $(-0.00--1.00) \times (242.19+242.19) / 2$ $(-1.01--0.00) \times (242.18+242.19) / 2$	2.42 242.19 -244.61	0.02	
30 580.00	A1	$(-3.71--3.76) \times (241.86+241.82) / 2$ $(-3.21--3.71) \times (241.86+241.86) / 2$ $(-3.17--3.21) \times (241.83+241.86) / 2$ $(-3.76--3.17) \times (241.82+241.83) / 2$	12.09 120.93 9.67 -142.68		
30 580.00	A2	$(-1.71--1.73) \times (241.86+241.83) / 2$ $(-0.71--1.71) \times (241.86+241.86) / 2$ $(-0.74--0.71) \times (241.84+241.84) / 2$ $(-0.79--0.74) \times (241.84+241.84) / 2$	4.84 241.86 -7.26 -12.09	0.01	
A RIPORTARE mq			227.35		

		CALCOLO DELLE AREE			Foglio n. 3
RINTERRO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			227.35		
31 600.00	A1	$(-0.83--0.79) \times (241.84+241.84) / 2$	-9.67	0.03	
		$(-1.73--0.83) \times (241.83+241.84) / 2$	-217.65		
31 600.00	A1	$(-2.68--2.79) \times (241.93+241.85) / 2$	26.61	0.05	
		$(-2.18--2.68) \times (241.93+241.93) / 2$	120.97		
		$(-2.11--2.18) \times (241.86+241.93) / 2$	16.93		
		$(-2.79--2.11) \times (241.85+241.86) / 2$	-164.46		
31 600.00	A2	$(-0.68--0.71) \times (241.93+241.90) / 2$	7.26	0.01	
		$(-0.00--0.68) \times (241.93+241.93) / 2$	164.51		
		$(-0.71--0.00) \times (241.90+241.93) / 2$	-171.76		
32 620.00	A1	$(-2.98--3.20) \times (241.89+241.74) / 2$	53.20	0.08	
		$(-2.48--2.98) \times (241.89+241.89) / 2$	120.94		
		$(-2.37--2.48) \times (241.77+241.89) / 2$	26.60		
		$(-2.64--2.37) \times (241.76+241.77) / 2$	-65.28		
		$(-3.20--2.64) \times (241.74+241.76) / 2$	-135.38		
32 620.00	A2	$(-0.98--1.04) \times (241.89+241.83) / 2$	14.51	0.03	
		$(-0.00--0.98) \times (241.89+241.89) / 2$	237.05		
		$(-1.04--0.00) \times (241.83+241.89) / 2$	-251.53		
33 632.23	A1	$(-3.00--3.01) \times (242.79+242.78) / 2$	2.43		
		$(-2.53--3.00) \times (242.79+242.79) / 2$	114.11		
		$(-3.01--2.53) \times (242.78+242.79) / 2$	-116.54		
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 4		
SCAVO FOSSO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
1 0.00	B1	$(-1.25--2.10) \times (245.29+245.13) / 2$ $(-1.50--1.25) \times (245.03+245.29) / 2$ $(-2.00--1.50) \times (245.03+245.03) / 2$ $(-2.10--2.00) \times (245.13+245.03) / 2$	208.43 -61.29 -122.52 -24.51	0.11	
2 20.00	B1	$(-1.01--2.47) \times (245.57+245.55) / 2$ $(-1.50--1.01) \times (245.08+245.57) / 2$ $(-2.00--1.50) \times (245.08+245.08) / 2$ $(-2.47--2.00) \times (245.55+245.08) / 2$	358.52 -120.21 -122.54 -115.30	0.47	
3 40.00	B1	$(-1.01--2.47) \times (245.49+245.47) / 2$ $(-1.50--1.01) \times (245.00+245.49) / 2$ $(-2.00--1.50) \times (245.00+245.00) / 2$ $(-2.47--2.00) \times (245.47+245.00) / 2$	358.40 -120.17 -122.50 -115.26	0.47	
4 60.00	B1	$(-1.01--2.47) \times (245.45+245.43) / 2$ $(-1.50--1.01) \times (244.96+245.45) / 2$ $(-2.00--1.50) \times (244.96+244.96) / 2$ $(-2.47--2.00) \times (245.43+244.96) / 2$	358.34 -120.15 -122.48 -115.24	0.47	
5 80.00	B1	$(-1.01--2.48) \times (245.25+245.24) / 2$ $(-1.50--1.01) \times (244.76+245.25) / 2$ $(-2.00--1.50) \times (244.76+244.76) / 2$ $(-2.48--2.00) \times (245.24+244.76) / 2$	360.51 -120.05 -122.38 -117.60	0.48	
6 100.00	B1	$(-1.01--2.48) \times (245.14+245.13) / 2$ $(-1.50--1.01) \times (244.65+245.14) / 2$ $(-2.00--1.50) \times (244.65+244.65) / 2$ $(-2.48--2.00) \times (245.13+244.65) / 2$	360.35 -120.00 -122.33 -117.55	0.47	
7 120.00	B1	$(-1.00--2.49) \times (245.02+245.01) / 2$ $(-1.50--1.00) \times (244.52+245.02) / 2$ $(-2.00--1.50) \times (244.52+244.52) / 2$ $(-2.49--2.00) \times (245.01+244.52) / 2$	365.07 -122.39 -122.26 -119.93	0.49	
8 140.00	B1	$(-1.00--2.50) \times (244.88+244.88) / 2$ $(-1.50--1.00) \times (244.39+244.88) / 2$ $(-2.00--1.50) \times (244.39+244.39) / 2$ $(-2.50--2.00) \times (244.88+244.39) / 2$	367.32 -122.32 -122.19 -122.32	0.49	
9 160.00	B1	$(0.00--2.51) \times (244.67+244.68) / 2$ $(-1.00--0.00) \times (244.67+244.67) / 2$ $(-1.50--1.00) \times (244.17+244.67) / 2$ $(-2.00--1.50) \times (244.17+244.17) / 2$ $(-2.50--2.00) \times (244.67+244.17) / 2$ $(-2.51--2.50) \times (244.68+244.67) / 2$	614.13 -244.67 -122.21 -122.08 -122.21 -2.45	0.51	
10 180.00	B1	$(-1.57--2.50) \times (244.36+244.37) / 2$ $(-1.00--1.57) \times (244.36+244.36) / 2$ $(-1.50--1.00) \times (243.87+244.36) / 2$ $(-2.00--1.50) \times (243.87+243.87) / 2$ $(-2.50--2.00) \times (244.37+243.87) / 2$	227.26 139.29 -122.06 -121.94 -122.06	0.49	
11 200.00	B1	$(-1.00--2.49) \times (244.24+244.23) / 2$ $(-1.50--1.00) \times (243.74+244.24) / 2$ $(-2.00--1.50) \times (243.74+243.74) / 2$ $(-2.49--2.00) \times (244.23+243.74) / 2$	363.91 -122.00 -121.87 -119.55	0.49	
12 220.00	B1	$(-1.00--2.50) \times (244.01+244.01) / 2$ $(-1.50--1.00) \times (243.52+244.01) / 2$ $(-2.00--1.50) \times (243.52+243.52) / 2$ $(-2.50--2.00) \times (244.01+243.52) / 2$	366.01 -121.88 -121.76 -121.88	0.49	
13 240.00	B1	$(-1.00--2.51) \times (243.78+243.79) / 2$ $(-1.50--1.00) \times (243.28+243.78) / 2$ $(-2.00--1.50) \times (243.28+243.28) / 2$ $(-2.50--2.00) \times (243.78+243.28) / 2$ $(-2.51--2.50) \times (243.79+243.78) / 2$	368.12 -121.77 -121.64 -121.77 -2.44	0.50	
14 260.00	B1	$(-1.01--2.48) \times (243.65+243.64) / 2$ $(-1.50--1.01) \times (243.16+243.65) / 2$ $(-2.00--1.50) \times (243.16+243.16) / 2$ $(-2.48--2.00) \times (243.64+243.16) / 2$	358.16 -119.27 -121.58 -116.83	0.48	
15 280.00	B1	$(-1.01--2.49) \times (243.52+243.51) / 2$ $(-1.50--1.01) \times (243.03+243.52) / 2$ $(-2.00--1.50) \times (243.03+243.03) / 2$ $(-2.49--2.00) \times (243.51+243.03) / 2$	360.40 -119.20 -121.52 -119.20	0.48	
16 300.00	B1	$(-1.01--2.48) \times (243.99+243.98) / 2$ $(-1.50--1.01) \times (243.50+243.99) / 2$ $(-2.00--1.50) \times (243.50+243.50) / 2$ $(-2.48--2.00) \times (243.98+243.50) / 2$	358.66 -119.44 -121.75 -117.00	0.47	
17 320.00	B1	$(-1.91--2.52) \times (244.35+244.32) / 2$ $(0.00--1.91) \times (244.29+244.35) / 2$ $(-1.00--0.00) \times (244.29+244.29) / 2$ $(-1.50--1.00) \times (243.79+244.29) / 2$ $(-2.00--1.50) \times (243.79+243.79) / 2$ $(-2.50--2.00) \times (244.29+243.79) / 2$ $(-2.52--2.50) \times (244.32+244.29) / 2$	149.04 466.65 -244.29 -122.02 -121.90 -122.02 -4.89	0.57	
18 340.00	B1	$(-0.00--2.51) \times (243.31+243.33) / 2$ $(-1.00--0.00) \times (243.31+243.31) / 2$ $(-1.50--1.00) \times (242.81+243.31) / 2$ $(-2.00--1.50) \times (242.81+242.81) / 2$ $(-2.50--2.00) \times (243.31+242.81) / 2$ $(-2.51--2.50) \times (243.33+243.31) / 2$	610.73 -243.31 -121.53 -121.41 -121.53 -2.43	0.52	
19 360.00	B1	$(-2.03--2.46) \times (243.04+243.04) / 2$ $(-1.02--2.03) \times (243.06+243.04) / 2$ $(-1.50--1.02) \times (242.57+243.06) / 2$ $(-2.00--1.50) \times (242.57+242.57) / 2$ $(-2.46--2.00) \times (243.04+242.57) / 2$	104.51 245.48 -116.55 -121.29 -111.69	0.46	
20	B1	$(-1.02--2.45) \times (242.99+242.96) / 2$	347.45		
A RIPORTARE mq			347.45		

SCAVO FOSSO		CALCOLO DELLE AREE		Foglio n. 5	
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			347.45		
380.00		$(-1.50--1.02) \times (242.51+242.99) / 2$ $(-2.00--1.50) \times (242.51+242.51) / 2$ $(-2.45--2.00) \times (242.96+242.51) / 2$	-116.52 -121.26 -109.23	0.44	
21 400.00	B1	$(-1.01--2.48) \times (242.78+242.77) / 2$ $(-1.50--1.01) \times (242.29+242.78) / 2$ $(-2.00--1.50) \times (242.29+242.29) / 2$ $(-2.48--2.00) \times (242.77+242.29) / 2$	356.88 -118.84 -121.15 -116.41	0.48	
22 420.00	B1	$(-1.01--2.48) \times (242.60+242.59) / 2$ $(-1.50--1.01) \times (242.11+242.60) / 2$ $(-2.00--1.50) \times (242.11+242.11) / 2$ $(-2.48--2.00) \times (242.59+242.11) / 2$	356.61 -118.75 -121.06 -116.33	0.47	
23 440.00	B1	$(-1.01--2.48) \times (242.48+242.47) / 2$ $(-1.50--1.01) \times (241.99+242.48) / 2$ $(-2.00--1.50) \times (241.99+241.99) / 2$ $(-2.48--2.00) \times (242.47+241.99) / 2$	356.44 -118.70 -121.00 -116.27	0.47	
24 460.00	B1	$(-1.01--2.48) \times (242.47+242.46) / 2$ $(-1.50--1.01) \times (241.98+242.47) / 2$ $(-2.00--1.50) \times (241.98+241.98) / 2$ $(-2.48--2.00) \times (242.46+241.98) / 2$	356.42 -118.69 -120.99 -116.27	0.47	
25 480.00	B1	$(-1.00--2.49) \times (242.41+242.41) / 2$ $(-1.50--1.00) \times (241.92+242.41) / 2$ $(-2.00--1.50) \times (241.92+241.92) / 2$ $(-2.49--2.00) \times (242.41+241.92) / 2$	361.19 -121.08 -120.96 -118.66	0.49	
26 500.00	B1	$(0.00--2.53) \times (242.41+242.44) / 2$ $(-1.00--0.00) \times (242.41+242.41) / 2$ $(-1.50--1.00) \times (241.91+242.41) / 2$ $(-2.00--1.50) \times (241.91+241.91) / 2$ $(-2.50--2.00) \times (242.41+241.91) / 2$ $(-2.53--2.50) \times (242.44+242.41) / 2$	613.34 -242.41 -121.08 -120.96 -121.08 -7.27	0.54	
27 520.00	B1	$(-1.47--2.48) \times (242.31+242.31) / 2$ $(-1.01--1.47) \times (242.32+242.31) / 2$ $(-1.50--1.01) \times (241.83+242.32) / 2$ $(-2.00--1.50) \times (241.83+241.83) / 2$ $(-2.48--2.00) \times (242.31+241.83) / 2$	244.73 111.46 -118.62 -120.92 -116.19	0.46	
28 540.00	B1	$(-1.01--2.48) \times (242.12+242.11) / 2$ $(-1.50--1.01) \times (241.62+242.12) / 2$ $(-2.00--1.50) \times (241.62+241.62) / 2$ $(-2.48--2.00) \times (242.11+241.62) / 2$	355.91 -118.52 -120.81 -116.10	0.48	
29 560.00	B1	$(-1.01--2.48) \times (242.18+242.17) / 2$ $(-1.50--1.01) \times (241.69+242.18) / 2$ $(-2.00--1.50) \times (241.69+241.69) / 2$ $(-2.48--2.00) \times (242.17+241.69) / 2$	356.00 -118.55 -120.85 -116.13	0.47	
30 580.00	B1	$(-1.73--3.17) \times (241.83+241.83) / 2$ $(-2.21--1.73) \times (241.36+241.83) / 2$ $(-2.71--2.21) \times (241.36+241.36) / 2$ $(-3.17--2.71) \times (241.83+241.36) / 2$	348.24 -115.97 -120.68 -111.13	0.46	
31 600.00	B1	$(-1.53--2.11) \times (241.86+241.86) / 2$ $(-0.95--1.53) \times (241.89+241.86) / 2$ $(-0.71--0.95) \times (241.90+241.89) / 2$ $(-1.18--0.71) \times (241.43+241.90) / 2$ $(-1.68--1.18) \times (241.43+241.43) / 2$ $(-2.11--1.68) \times (241.86+241.43) / 2$	140.28 140.29 58.05 -113.58 -120.72 -103.91	0.41	
31 600.00	B2	$(0.32--0.00) \times (241.94+241.93) / 2$ $(-0.00--0.32) \times (241.93+241.93) / 2$	77.42 -77.42		
32 620.00	B1	$(-1.04--2.37) \times (241.83+241.77) / 2$ $(-1.48--1.04) \times (241.39+241.83) / 2$ $(-1.98--1.48) \times (241.39+241.39) / 2$ $(-2.37--1.98) \times (241.77+241.39) / 2$	321.59 -106.31 -120.69 -94.22	0.37	
33 632.23	B1	$(-1.71--2.50) \times (242.81+242.79) / 2$ $(-0.99--1.71) \times (242.82+242.81) / 2$ $(-0.36--0.99) \times (242.80+242.82) / 2$ $(0.00--0.36) \times (242.79+242.80) / 2$ $(-1.00--0.00) \times (242.79+242.79) / 2$ $(-1.50--1.00) \times (242.29+242.79) / 2$ $(-2.00--1.50) \times (242.29+242.29) / 2$ $(-2.50--2.00) \times (242.79+242.29) / 2$	191.81 174.83 152.97 87.41 -242.79 -121.27 -121.15 -121.27	0.54	
Il Direttore dei Lavori		L'Impresa			

		COMPUTO DEI VOLUMI					Foglio n. 6	
RINTERRO								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
1	2	1	A1	0.61	20.00	10.00	6.100	
0.00	20.00	1	A2	0.12	20.00	10.00	1.200	
		2	A1	0.02	20.00	10.00	0.200	
		2	A2	0.01	20.00	10.00	0.100	7.600
2	3	2	A1	0.02	20.00	10.00	0.200	
20.00	40.00	2	A2	0.01	20.00	10.00	0.100	
		3	A1	0.01	20.00	10.00	0.100	
		3	A2	0.00	20.00	10.00	0.000	0.400
3	4	3	A1	0.01	20.00	10.00	0.100	
40.00	60.00	3	A2	0.00	20.00	10.00	0.000	
		4	A1	0.01	20.00	10.00	0.100	
		4	A2	0.00	20.00	10.00	0.000	0.200
4	5	4	A1	0.01	20.00	10.00	0.100	
60.00	80.00	4	A2	0.00	20.00	10.00	0.000	
		5	A1	0.02	20.00	10.00	0.200	
		5	A2	0.00	20.00	10.00	0.000	0.300
5	6	5	A1	0.02	20.00	10.00	0.200	
80.00	100.00	5	A2	0.00	20.00	10.00	0.000	
		6	A1	0.02	20.00	10.00	0.200	
		6	A2	0.00	20.00	10.00	0.000	0.400
6	7	6	A1	0.02	20.00	10.00	0.200	
100.00	120.00	6	A2	0.00	20.00	10.00	0.000	
		7	A1	0.00	20.00	10.00	0.000	
		7	A2	0.00	20.00	10.00	0.000	0.200
7	8	7	A1	0.00	20.00	10.00	0.000	
7	8	7	A2	0.00	20.00	10.00	0.000	
7	8	8	A1	0.00	20.00	10.00	0.000	
8	9	8	A1	0.00	20.00	10.00	0.000	
10	11	11	A1	0.00	20.00	10.00	0.000	
10	11	11	A2	0.00	20.00	10.00	0.000	
11	12	11	A1	0.00	20.00	10.00	0.000	
11	12	11	A2	0.00	20.00	10.00	0.000	
11	12	12	A1	0.00	20.00	10.00	0.000	
12	13	12	A1	0.00	20.00	10.00	0.000	
13	14	14	A1	0.01	20.00	10.00	0.100	
240.00	260.00	14	A2	0.01	20.00	10.00	0.100	0.200
14	15	14	A1	0.01	20.00	10.00	0.100	
260.00	280.00	14	A2	0.01	20.00	10.00	0.100	
		15	A1	0.02	20.00	10.00	0.200	
		15	A2	0.01	20.00	10.00	0.100	0.500
15	16	15	A1	0.02	20.00	10.00	0.200	
280.00	300.00	15	A2	0.01	20.00	10.00	0.100	
		16	A1	0.01	20.00	10.00	0.100	
		16	A2	0.01	20.00	10.00	0.100	0.500
16	17	16	A1	0.01	20.00	10.00	0.100	
300.00	320.00	16	A2	0.01	20.00	10.00	0.100	
18	19	19	A1	0.02	20.00	10.00	0.200	
340.00	360.00	19	A2	0.00	20.00	10.00	0.000	0.200
19	20	19	A1	0.02	20.00	10.00	0.200	
360.00	380.00	19	A2	0.00	20.00	10.00	0.000	
		20	A1	0.04	20.00	10.00	0.400	
		20	A2	0.01	20.00	10.00	0.100	0.700
20	21	20	A1	0.04	20.00	10.00	0.400	
380.00	400.00	20	A2	0.01	20.00	10.00	0.100	
		21	A1	0.02	20.00	10.00	0.200	
		21	A2	0.01	20.00	10.00	0.100	0.800
21	22	21	A1	0.02	20.00	10.00	0.200	
400.00	420.00	21	A2	0.01	20.00	10.00	0.100	
		22	A1	0.02	20.00	10.00	0.200	
		22	A2	0.01	20.00	10.00	0.100	0.600
22	23	22	A1	0.02	20.00	10.00	0.200	
420.00	440.00	22	A2	0.01	20.00	10.00	0.100	
		23	A1	0.02	20.00	10.00	0.200	
		23	A2	0.00	20.00	10.00	0.000	0.500
23	24	23	A1	0.02	20.00	10.00	0.200	
440.00	460.00	23	A2	0.00	20.00	10.00	0.000	
		24	A1	0.02	20.00	10.00	0.200	
		24	A2	0.00	20.00	10.00	0.000	0.400
24	25	24	A1	0.02	20.00	10.00	0.200	
460.00	480.00	24	A2	0.00	20.00	10.00	0.000	
		25	A1	0.01	20.00	10.00	0.100	
		25	A2	0.01	20.00	10.00	0.100	0.400
25	26	25	A1	0.01	20.00	10.00	0.100	
480.00	500.00	25	A2	0.01	20.00	10.00	0.100	
26	27	27	A1	0.02	20.00	10.00	0.200	
500.00	520.00	27	A2	0.00	20.00	10.00	0.000	0.200
27	28	27	A1	0.02	20.00	10.00	0.200	
520.00	540.00	27	A2	0.00	20.00	10.00	0.000	
		28	A1	0.00	20.00	10.00	0.000	
		28	A2	0.00	20.00	10.00	0.000	0.200
28	29	28	A1	0.00	20.00	10.00	0.000	
28	29	28	A2	0.00	20.00	10.00	0.000	
28	29	29	A1	0.02	20.00	10.00	0.200	
540.00	560.00	29	A2	0.00	20.00	10.00	0.000	0.200
29	30	29	A1	0.02	20.00	10.00	0.200	
							0.200	14.900

		COMPUTO DEI VOLUMI			Foglio n. 7			
RINTERRO								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
A RIPORTARE mc							0.200	14.900
560.00	580.00	29	A2	0.00	20.00	10.00	0.000	
		30	A1	0.01	20.00	10.00	0.100	
		30	A2	0.03	20.00	10.00	0.300	
30	31	30	A1	0.01	20.00	10.00	0.100	0.600
580.00	600.00	30	A2	0.03	20.00	10.00	0.300	
		31	A1	0.05	20.00	10.00	0.500	
		31	A2	0.01	20.00	10.00	0.100	
31	32	31	A1	0.05	20.00	10.00	0.500	1.000
600.00	620.00	31	A2	0.01	20.00	10.00	0.100	
		32	A1	0.08	20.00	10.00	0.800	
		32	A2	0.03	20.00	10.00	0.300	
32	33	32	A1	0.08	12.23	6.12	0.490	1.700
620.00	632.23	32	A2	0.03	12.23	6.12	0.184	
		33	A1	0.00	12.23	6.12	0.000	
								0.674
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			18.874

		COMPUTO DEI VOLUMI					Foglio n. 8	
SCAVO FOSSO								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
1	2	1	B1	0.11	20.00	10.00	1.100	
0.00	20.00	2	B1	0.47	20.00	10.00	4.700	
2	3	2	B1	0.47	20.00	10.00	4.700	5.800
20.00	40.00	3	B1	0.47	20.00	10.00	4.700	
3	4	3	B1	0.47	20.00	10.00	4.700	9.400
40.00	60.00	4	B1	0.47	20.00	10.00	4.700	
4	5	4	B1	0.47	20.00	10.00	4.700	9.400
60.00	80.00	5	B1	0.48	20.00	10.00	4.800	
5	6	5	B1	0.48	20.00	10.00	4.800	9.500
80.00	100.00	6	B1	0.47	20.00	10.00	4.700	
6	7	6	B1	0.47	20.00	10.00	4.700	9.500
100.00	120.00	7	B1	0.49	20.00	10.00	4.900	
7	8	7	B1	0.49	20.00	10.00	4.900	9.600
120.00	140.00	8	B1	0.49	20.00	10.00	4.900	
8	9	8	B1	0.49	20.00	10.00	4.900	9.800
140.00	160.00	9	B1	0.51	20.00	10.00	5.100	
9	10	9	B1	0.51	20.00	10.00	5.100	10.000
160.00	180.00	10	B1	0.49	20.00	10.00	4.900	
10	11	10	B1	0.49	20.00	10.00	4.900	10.000
180.00	200.00	11	B1	0.49	20.00	10.00	4.900	
11	12	11	B1	0.49	20.00	10.00	4.900	9.800
200.00	220.00	12	B1	0.49	20.00	10.00	4.900	
12	13	12	B1	0.49	20.00	10.00	4.900	9.800
220.00	240.00	13	B1	0.50	20.00	10.00	5.000	
13	14	13	B1	0.50	20.00	10.00	5.000	9.900
240.00	260.00	14	B1	0.48	20.00	10.00	4.800	
14	15	14	B1	0.48	20.00	10.00	4.800	9.800
260.00	280.00	15	B1	0.48	20.00	10.00	4.800	
15	16	15	B1	0.48	20.00	10.00	4.800	9.600
280.00	300.00	16	B1	0.47	20.00	10.00	4.700	
16	17	16	B1	0.47	20.00	10.00	4.700	9.500
300.00	320.00	17	B1	0.57	20.00	10.00	5.700	
17	18	17	B1	0.57	20.00	10.00	5.700	10.400
320.00	340.00	18	B1	0.52	20.00	10.00	5.200	
18	19	18	B1	0.52	20.00	10.00	5.200	10.900
340.00	360.00	19	B1	0.46	20.00	10.00	4.600	
19	20	19	B1	0.46	20.00	10.00	4.600	9.800
360.00	380.00	20	B1	0.44	20.00	10.00	4.400	
20	21	20	B1	0.44	20.00	10.00	4.400	9.000
380.00	400.00	21	B1	0.48	20.00	10.00	4.800	
21	22	21	B1	0.48	20.00	10.00	4.800	9.200
400.00	420.00	22	B1	0.47	20.00	10.00	4.700	
22	23	22	B1	0.47	20.00	10.00	4.700	9.500
420.00	440.00	23	B1	0.47	20.00	10.00	4.700	
23	24	23	B1	0.47	20.00	10.00	4.700	9.400
440.00	460.00	24	B1	0.47	20.00	10.00	4.700	
24	25	24	B1	0.47	20.00	10.00	4.700	9.400
460.00	480.00	25	B1	0.49	20.00	10.00	4.900	
25	26	25	B1	0.49	20.00	10.00	4.900	9.600
480.00	500.00	26	B1	0.54	20.00	10.00	5.400	
26	27	26	B1	0.54	20.00	10.00	5.400	10.300
500.00	520.00	27	B1	0.46	20.00	10.00	4.600	
27	28	27	B1	0.46	20.00	10.00	4.600	10.000
520.00	540.00	28	B1	0.48	20.00	10.00	4.800	
28	29	28	B1	0.48	20.00	10.00	4.800	9.400
540.00	560.00	29	B1	0.47	20.00	10.00	4.700	
29	30	29	B1	0.47	20.00	10.00	4.700	9.500
560.00	580.00	30	B1	0.46	20.00	10.00	4.600	
30	31	30	B1	0.46	20.00	10.00	4.600	9.300
580.00	600.00	31	B1	0.41	20.00	10.00	4.100	
31	32	31	B2	0.00	20.00	10.00	0.000	8.700
600.00	620.00	32	B1	0.37	20.00	10.00	3.700	
32	33	32	B1	0.37	12.23	6.12	2.264	7.800
620.00	632.23	33	B1	0.54	12.23	6.12	3.305	
								5.569
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO		299.169	

COMPUTO DEI VOLUMI		Foglio n. 9	
Volume dalla sezione 1 alla sezione 33			
ARTICOLO			VOLUME
A	RINTERRO	mc	18.874
B	SCAVO FOSSO	mc	299.169