

**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

		ING. RENATO DEL PRETE		
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Ing. Renato Vaira Ordine degli Ingg. di Torino e Provincia n° 4663 W	 Società designata: GA&M	SETAC Srl Servizi & Engineering Trasporti Ambiente Costruzioni	ARKE' INGENGERIA s.r.l. Via Innespolo 100 - 70129 Bari	DOTT. GEOL. DANILO GALLO
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VISTO: IL RESPONSABILE DEL PROCEDIMENTO	RESPONSABILE INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE	IL PROGETTISTA FIRMATARIO DELLA PRESTAZIONE	GEOLOGO	COORDINATORE DELLA SICUREZZA IN FASE DI PROGETTAZIONE
Dott. Ing. Giancarlo LUONGO	 Ing. Renato DEL PRETE	 Ing. Valerio BAJETTI	 Prof. Ing. Geol. Luigi MONTERISI	 Ing. Gaetano RANIERI

FA067

**F-PROGETTO IDRAULICO
FA- RETICOLO IDROGRAFICO
Tabulato movimenti materia Canale Trapezio n. 10**

CODICE PROGETTO PROGETTO LIV. PROG. N. PROG. MI533 E 1801		NOME FILE FA067-P00ID01IDRCM10_A.dwg		REVISIONE	SCALA:
CODICE ELAB.		P 0 0 I D 0 1 I D R C M 1 0		A	1:100
C					
B					
A	EMISSIONE	Maggio 2021	ING. MICHELE SCINTO	ING. VALERIO BAJETTI	ING. RENATO DEL PRETE
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
2 20.0	A1	$(-3.0--5.1) \times (242.1+240.7) / 2$ $(-2.5--3.0) \times (242.1+242.1) / 2$ $(-2.0--2.5) \times (241.6+242.1) / 2$ $(-1.5--2.0) \times (241.6+241.6) / 2$ $(-1.0--1.5) \times (242.1+241.6) / 2$ $(0.0--1.0) \times (242.1+242.1) / 2$ $(-1.8-0.0) \times (241.1+242.1) / 2$ $(-5.1--1.8) \times (240.7+241.1) / 2$	506.9 121.0 120.9 120.8 120.9 242.1 -434.9 -795.0		
3 40.0	A1	$(-3.0--3.2) \times (239.9+239.8) / 2$ $(-2.5--3.0) \times (239.9+239.9) / 2$ $(-2.4--2.5) \times (239.8+239.9) / 2$ $(-3.2--2.4) \times (239.8+239.8) / 2$	48.0 120.0 24.0 -191.8	2.7	
3 40.0	A2	$(0.0--1.0) \times (239.9+239.9) / 2$ $(-1.0-0.0) \times (239.9+239.9) / 2$	239.9 -239.9	0.2	
12 220.0	A1	$(-2.5--3.0) \times (240.2+240.2) / 2$ $(-3.0--2.5) \times (240.2+240.2) / 2$	120.1 -120.1		
19 360.0	A1	$(-2.5--3.0) \times (240.8+240.8) / 2$ $(-2.9--2.5) \times (240.8+240.8) / 2$ $(-3.0--2.9) \times (240.8+240.8) / 2$	120.4 -96.3 -24.1		
19 360.0	A2	$(0.0--1.0) \times (240.8+240.8) / 2$ $(-1.0-0.0) \times (240.8+240.8) / 2$	240.8 -240.8		
24 460.0	A1	$(-3.0--3.1) \times (241.4+241.3) / 2$ $(-2.5--3.0) \times (241.4+241.4) / 2$ $(-2.4--2.5) \times (241.3+241.4) / 2$ $(-3.1--2.4) \times (241.3+241.3) / 2$	24.1 120.7 24.1 -168.9		
24 460.0	A2	$(0.0--1.0) \times (241.4+241.4) / 2$ $(-1.0-0.0) \times (241.4+241.4) / 2$	241.4 -241.4		
25 480.0	A1	$(-1.4--1.1) \times (240.8+240.6) / 2$ $(-1.0--1.4) \times (241.2+240.8) / 2$ $(0.0--1.0) \times (241.2+241.2) / 2$ $(-1.1-0.0) \times (240.6+240.6) / 2$	-72.2 96.4 241.2 -264.7	0.7	
26 500.0	A1	$(-1.3--0.9) \times (241.6+241.3) / 2$ $(-1.0--1.3) \times (241.8+241.6) / 2$ $(0.0--1.0) \times (241.8+241.8) / 2$ $(-0.9-0.0) \times (241.3+240.8) / 2$	-96.6 72.5 241.8 -216.9		
27 520.0	A1	$(-1.3--0.9) \times (242.2+242.0) / 2$ $(-1.0--1.3) \times (242.5+242.2) / 2$ $(0.0--1.0) \times (242.5+242.5) / 2$ $(-0.9-0.0) \times (242.0+241.5) / 2$	-96.8 72.7 242.5 -217.6	0.8	
28 540.0	A1	$(-1.3--0.9) \times (243.0+242.8) / 2$ $(-1.0--1.3) \times (243.4+243.0) / 2$ $(0.0--1.0) \times (243.4+243.4) / 2$ $(-0.9-0.0) \times (242.8+242.4) / 2$	-97.2 73.0 243.4 -218.3	0.8	
29 560.0	A1	$(0.0--1.0) \times (244.0+244.0) / 2$ $(-1.0-0.0) \times (244.0+243.5) / 2$	244.0 -243.8	0.9	
30 580.0	A1	$(-2.5--3.0) \times (244.1+244.1) / 2$ $(-2.9--2.5) \times (244.1+244.1) / 2$ $(-3.0--2.9) \times (244.1+244.1) / 2$	122.0 -97.6 -24.4	0.2	
30 580.0	A2	$(-0.0--1.0) \times (244.1+244.1) / 2$ $(-0.6--0.0) \times (244.1+244.1) / 2$ $(-1.0--0.6) \times (244.1+244.1) / 2$	244.1 -146.5 -97.6		
31 600.0	A1	$(-3.0--4.9) \times (244.2+243.0) / 2$ $(-2.5--3.0) \times (244.2+244.2) / 2$ $(-2.1--2.5) \times (243.8+244.2) / 2$ $(-4.9--2.1) \times (243.0+243.8) / 2$	462.8 122.1 97.6 -681.5	1.0	
31 600.0	A2	$(-1.0--1.2) \times (244.2+244.0) / 2$ $(-0.0--1.0) \times (244.2+244.2) / 2$ $(-0.4--0.0) \times (244.2+244.2) / 2$ $(-0.6--0.4) \times (244.2+244.2) / 2$ $(-1.2--0.6) \times (244.0+244.2) / 2$	48.8 244.2 -97.7 -48.8 -146.5		
32 620.0	A1	$(-3.0--6.1) \times (244.0+241.9) / 2$ $(-2.5--3.0) \times (244.0+244.0) / 2$ $(-2.0--2.5) \times (243.5+244.0) / 2$ $(-1.5--2.0) \times (243.5+243.5) / 2$ $(-6.1--1.5) \times (241.9+243.5) / 2$	753.1 122.0 121.9 121.8 -1116.4	2.4	
32 620.0	A2	$(-1.0--1.5) \times (244.0+243.5) / 2$ $(-0.0--1.0) \times (244.0+244.0) / 2$ $(-1.0--0.0) \times (243.7+244.0) / 2$ $(-1.5--1.0) \times (243.5+243.7) / 2$	121.9 244.0 -243.8 -121.8		
33 640.0	A1	$(-3.0--6.1) \times (244.3+242.2) / 2$ $(-2.5--3.0) \times (244.3+244.3) / 2$ $(-2.0--2.5) \times (243.8+244.3) / 2$ $(-1.5--2.0) \times (243.8+243.8) / 2$ $(-1.0--1.5) \times (244.3+243.8) / 2$ $(-0.0--1.0) \times (244.3+244.3) / 2$ $(-6.1--0.0) \times (242.2+244.3) / 2$	754.1 122.2 122.0 121.9 122.0 244.3 -1483.8	2.7	
34 660.0	A1	$(-3.0--5.7) \times (245.3+243.5) / 2$ $(-2.5--3.0) \times (245.3+245.3) / 2$ $(-2.0--2.5) \times (244.8+245.3) / 2$ $(-5.7--2.0) \times (243.5+244.8) / 2$	659.9 122.7 122.5 -903.4		
34 660.0	A2	$(-1.0--1.2) \times (245.3+245.1) / 2$ $(0.0--1.0) \times (245.3+245.3) / 2$ $(-0.5-0.0) \times (245.3+245.3) / 2$ $(-0.8--0.5) \times (245.2+245.3) / 2$ $(-1.2--0.8) \times (245.1+245.2) / 2$	49.0 245.3 -122.7 -73.6 -98.1	1.7	
				0.1	
A RIPORTARE mq					

		CALCOLO DELLE AREE	Foglio n. 2		
RINTERRO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq					
35 680.0	A1	$(-3.0--3.8) \times (245.3+244.7) / 2$ $(-2.5--3.0) \times (245.3+245.3) / 2$ $(-2.4--2.5) \times (245.2+245.3) / 2$ $(-2.5--2.4) \times (245.2+245.2) / 2$ $(-3.3--2.5) \times (244.9+245.2) / 2$ $(-3.8--3.3) \times (244.7+244.9) / 2$	196.0 122.7 24.5 -24.5 -196.0 -122.4	0.3	
36 700.0	A1	$(-3.0--6.0) \times (244.9+242.9) / 2$ $(-2.5--3.0) \times (244.9+244.9) / 2$ $(-2.0--2.5) \times (244.4+244.9) / 2$ $(-1.5--2.0) \times (244.4+244.4) / 2$ $(-4.9--1.5) \times (243.3+244.4) / 2$ $(-6.0--4.9) \times (242.9+243.3) / 2$	731.7 122.5 122.3 122.2 -829.1 -267.4	2.2	
36 700.0	A2	$(-1.0--1.5) \times (244.9+244.4) / 2$ $(0.0--1.0) \times (244.9+244.9) / 2$ $(-1.5-0.0) \times (244.4+244.9) / 2$	122.3 244.9 -367.0	0.2	
37 720.0	A1	$(-3.0--6.2) \times (244.6+242.5) / 2$ $(-2.5--3.0) \times (244.6+244.6) / 2$ $(-2.0--2.5) \times (244.1+244.6) / 2$ $(-1.5--2.0) \times (244.1+244.1) / 2$ $(-1.0--1.5) \times (244.6+244.1) / 2$ $(-0.0--1.0) \times (244.6+244.6) / 2$ $(-6.2--0.0) \times (242.5+244.6) / 2$	779.4 122.3 122.2 122.0 122.2 244.6 -1510.0	2.7	
38 737.1	A1	$(-3.0--5.8) \times (244.3+242.4) / 2$ $(-2.5--3.0) \times (244.3+244.3) / 2$ $(-2.0--2.5) \times (243.8+244.3) / 2$ $(-1.5--2.0) \times (243.8+243.8) / 2$ $(-5.8--1.5) \times (242.4+243.8) / 2$	681.4 122.2 122.0 121.9 -1045.3	2.2	
38 737.1	A2	$(-1.0--1.5) \times (244.3+243.8) / 2$ $(0.0--1.0) \times (244.3+244.3) / 2$ $(-1.5-0.0) \times (243.8+244.3) / 2$	122.0 244.3 -366.1	0.2	
Il Direttore dei Lavori		L'Impresa			

		CALCOLO DELLE AREE	Foglio n. 3		
SCAVO FOSSO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
1 0.0	B1	(0.0--3.4)x(242.7+243.5)/2 (-1.0-0.0)x(242.7+242.7)/2 (-1.5--1.0)x(242.2+242.7)/2 (-2.0--1.5)x(242.2+242.2)/2 (-2.5--2.0)x(242.7+242.2)/2 (-3.4--2.5)x(243.5+242.7)/2	826.5 -242.7 -121.2 -121.1 -121.2 -218.8		
3 40.0	B1	(-1.1--2.4)x(239.9+239.8)/2 (-1.0--1.1)x(239.9+239.9)/2 (-1.5--1.0)x(239.4+239.9)/2 (-2.0--1.5)x(239.4+239.4)/2 (-2.4--2.0)x(239.8+239.4)/2	311.8 24.0 -119.8 -119.7 -95.8	1.5	
4 60.0	B1	(-1.0--2.5)x(239.8+239.8)/2 (-1.5--1.0)x(239.3+239.8)/2 (-2.0--1.5)x(239.3+239.3)/2 (-2.5--2.0)x(239.8+239.3)/2	359.7 -119.8 -119.7 -119.8	0.5	
5 80.0	B1	(-1.8--3.3)x(239.8+240.6)/2 (-1.0--1.8)x(239.8+239.8)/2 (-1.5--1.0)x(239.3+239.8)/2 (-2.0--1.5)x(239.3+239.3)/2 (-2.5--2.0)x(239.8+239.3)/2 (-3.3--2.5)x(240.6+239.8)/2	360.3 191.8 -119.8 -119.7 -119.8 -192.2	0.4	
6 100.0	B1	(0.0--2.6)x(239.7+239.8)/2 (-1.0-0.0)x(239.7+239.7)/2 (-1.5--1.0)x(239.2+239.7)/2 (-2.0--1.5)x(239.2+239.2)/2 (-2.5--2.0)x(239.7+239.2)/2 (-2.6--2.5)x(239.8+239.7)/2	623.4 -239.7 -119.7 -119.6 -119.7 -24.0	0.6	
7 120.0	B1	(-1.0--2.6)x(239.8+239.9)/2 (-0.0--1.0)x(239.8+239.8)/2 (-1.0--0.0)x(239.8+239.8)/2 (-1.5--1.0)x(239.3+239.8)/2 (-2.0--1.5)x(239.3+239.3)/2 (-2.5--2.0)x(239.8+239.3)/2 (-2.6--2.5)x(239.9+239.8)/2	383.8 239.8 -239.8 -119.8 -119.7 -119.8 -24.0	0.7	
8 140.0	B1	(-0.9--2.6)x(239.6+239.6)/2 (-0.7--0.9)x(239.6+239.6)/2 (-0.6--0.7)x(239.6+239.6)/2 (-0.5--0.6)x(239.6+239.6)/2 (-0.0--0.5)x(239.6+239.6)/2 (-1.0--0.0)x(239.6+239.6)/2 (-1.5--1.0)x(239.1+239.6)/2 (-2.0--1.5)x(239.1+239.1)/2 (-2.5--2.0)x(239.6+239.1)/2 (-2.6--2.5)x(239.6+239.6)/2	407.3 47.9 24.0 24.0 119.8 -239.6 -119.7 -119.5 -119.7 -24.0	0.5	
9 160.0	B1	(-0.0--2.6)x(239.9+240.0)/2 (-1.0--0.0)x(239.9+239.9)/2 (-1.5--1.0)x(239.4+239.9)/2 (-2.0--1.5)x(239.4+239.4)/2 (-2.5--2.0)x(239.9+239.4)/2 (-2.6--2.5)x(240.0+239.9)/2	623.9 -239.9 -119.8 -119.7 -119.8 -24.0	0.5	
10 180.0	B1	(0.0--2.5)x(240.2+240.2)/2 (-1.0-0.0)x(240.2+240.2)/2 (-1.5--1.0)x(239.7+240.2)/2 (-2.0--1.5)x(239.7+239.7)/2 (-2.5--2.0)x(240.2+239.7)/2	600.5 -240.2 -120.0 -119.8 -120.0	0.7	
11 200.0	B1	(-1.0--2.5)x(240.3+240.3)/2 (-1.5--1.0)x(239.8+240.3)/2 (-2.0--1.5)x(239.8+239.8)/2 (-2.5--2.0)x(240.3+239.8)/2	360.5 -120.0 -119.9 -120.0	0.5	
11 200.0	B2	(-0.0--1.0)x(240.3+240.3)/2 (-1.0--0.0)x(240.3+240.3)/2	240.3 -240.3	0.6	
12 220.0	B1	(-1.0--2.5)x(240.2+240.2)/2 (-1.5--1.0)x(239.7+240.2)/2 (-2.0--1.5)x(239.7+239.7)/2 (-2.5--2.0)x(240.2+239.7)/2	360.3 -120.0 -119.8 -120.0	0.5	
13 240.0	B1	(-1.9--2.5)x(240.5+240.5)/2 (0.0--1.9)x(240.5+240.5)/2 (-1.0-0.0)x(240.5+240.5)/2 (-1.5--1.0)x(240.0+240.5)/2 (-2.0--1.5)x(240.0+240.0)/2 (-2.5--2.0)x(240.5+240.0)/2	144.3 456.9 -240.5 -120.1 -120.0 -120.1	0.5	
14 260.0	B1	(0.0--2.6)x(240.6+240.7)/2 (-1.0-0.0)x(240.6+240.6)/2 (-1.5--1.0)x(240.1+240.6)/2 (-2.0--1.5)x(240.1+240.1)/2 (-2.5--2.0)x(240.6+240.1)/2 (-2.6--2.5)x(240.7+240.6)/2	625.7 -240.6 -120.2 -120.0 -120.2 -24.1	0.5	
15 280.0	B1	(0.0--2.5)x(240.8+240.9)/2 (-1.0-0.0)x(240.8+240.8)/2 (-1.5--1.0)x(240.3+240.8)/2 (-2.0--1.5)x(240.3+240.3)/2 (-2.5--2.0)x(240.8+240.3)/2	602.1 -240.8 -120.3 -120.2 -120.3	0.6	
16 300.0	B1	(-0.9--2.5)x(240.8+240.9)/2 (-0.0--0.9)x(240.8+240.8)/2 (-1.0--0.0)x(240.8+240.8)/2 (-1.5--1.0)x(240.3+240.8)/2 (-2.0--1.5)x(240.3+240.3)/2 (-2.5--2.0)x(240.8+240.3)/2	385.4 216.7 -240.8 -120.3 -120.2 -120.3	0.5	
17 320.0	B1	(0.0--2.5)x(240.9+240.9)/2 (-1.0-0.0)x(240.9+240.9)/2 (-1.5--1.0)x(240.4+240.9)/2	602.3 -240.9 -120.3	0.5	
A RIPORTARE mq			241.1		

		CALCOLO DELLE AREE	Foglio n. 4		
SCAVO FOSSO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			241.1		
18 340.0	B1	$(-2.0--1.5) \times (240.4+240.4) / 2$ $(-2.5--2.0) \times (240.9+240.4) / 2$ $(0.0--2.5) \times (240.9+240.9) / 2$ $(-1.0-0.0) \times (240.9+240.9) / 2$ $(-1.5--1.0) \times (240.4+240.9) / 2$ $(-2.0--1.5) \times (240.4+240.4) / 2$ $(-2.5--2.0) \times (240.9+240.4) / 2$	-120.2 -120.3 602.3 -240.9 -120.3 -120.2 -120.3	0.6	
19 360.0	B1	$(-1.0--2.5) \times (240.8+240.8) / 2$ $(-1.5--1.0) \times (240.3+240.8) / 2$ $(-2.0--1.5) \times (240.3+240.3) / 2$ $(-2.5--2.0) \times (240.8+240.3) / 2$	361.2 -120.3 -120.2 -120.3	0.6	
20 380.0	B1	$(-0.0--2.6) \times (240.9+240.9) / 2$ $(-1.0--0.0) \times (240.9+240.9) / 2$ $(-1.5--1.0) \times (240.4+240.9) / 2$ $(-2.0--1.5) \times (240.4+240.4) / 2$ $(-2.5--2.0) \times (240.9+240.4) / 2$ $(-2.6--2.5) \times (240.9+240.9) / 2$	626.3 -240.9 -120.3 -120.2 -120.3 -24.1	0.4	
21 400.0	B1	$(-1.8--2.6) \times (241.1+241.1) / 2$ $(0.0--1.8) \times (241.0+241.1) / 2$ $(-1.0-0.0) \times (241.0+241.0) / 2$ $(-1.5--1.0) \times (240.5+241.0) / 2$ $(-2.0--1.5) \times (240.5+240.5) / 2$ $(-2.5--2.0) \times (241.0+240.5) / 2$ $(-2.6--2.5) \times (241.1+241.0) / 2$	192.9 433.9 -241.0 -120.4 -120.3 -120.4 -24.1	0.5	
22 420.0	B1	$(0.0--2.5) \times (241.1+241.1) / 2$ $(-1.0-0.0) \times (241.1+241.1) / 2$ $(-1.5--1.0) \times (240.6+241.1) / 2$ $(-2.0--1.5) \times (240.6+240.6) / 2$ $(-2.5--2.0) \times (241.1+240.6) / 2$	602.8 -241.1 -120.4 -120.3 -120.4	0.6	
23 440.0	B1	$(0.0--2.7) \times (243.2+243.4) / 2$ $(-1.0-0.0) \times (243.2+243.2) / 2$ $(-1.5--1.0) \times (242.7+243.2) / 2$ $(-2.0--1.5) \times (242.7+242.7) / 2$ $(-2.5--2.0) \times (243.2+242.7) / 2$ $(-2.7--2.5) \times (243.4+243.2) / 2$	656.9 -243.2 -121.5 -121.3 -121.5 -48.7	0.6	
24 460.0	B1	$(-1.0--2.4) \times (241.4+241.3) / 2$ $(-1.5--1.0) \times (240.9+241.4) / 2$ $(-2.0--1.5) \times (240.9+240.9) / 2$ $(-2.4--2.0) \times (241.3+240.9) / 2$	337.9 -120.6 -120.5 -96.4	0.7	
25 480.0	B1	$(-2.0--3.2) \times (241.2+241.9) / 2$ $(-1.6--2.0) \times (240.9+241.2) / 2$ $(-1.4--1.6) \times (240.8+240.9) / 2$ $(-1.5--1.4) \times (240.7+240.8) / 2$ $(-2.0--1.5) \times (240.7+240.7) / 2$ $(-2.5--2.0) \times (241.2+240.7) / 2$ $(-3.2--2.5) \times (241.9+241.2) / 2$	289.9 96.4 48.2 -24.1 -120.3 -120.5 -169.1	0.4	
26 500.0	B1	$(-2.0--3.8) \times (242.0+243.1) / 2$ $(-1.3--2.0) \times (241.6+242.0) / 2$ $(-1.5--1.3) \times (241.3+241.6) / 2$ $(-2.0--1.5) \times (241.3+241.3) / 2$ $(-2.5--2.0) \times (241.8+241.3) / 2$ $(-3.8--2.5) \times (243.1+241.8) / 2$	436.6 169.3 -48.3 -120.7 -120.8 -315.2	0.5	
27 520.0	B1	$(-1.6--3.3) \times (242.3+243.3) / 2$ $(-1.3--1.6) \times (242.2+242.3) / 2$ $(-1.5--1.3) \times (242.0+242.2) / 2$ $(-2.0--1.5) \times (242.0+242.0) / 2$ $(-3.3--2.0) \times (243.3+242.0) / 2$	412.8 72.7 -48.4 -121.0 -315.4	0.9	
28 540.0	B1	$(-3.0--3.1) \times (243.9+243.9) / 2$ $(-2.0--3.0) \times (243.4+243.9) / 2$ $(-1.6--2.0) \times (243.2+243.4) / 2$ $(-1.3--1.6) \times (243.0+243.2) / 2$ $(-1.5--1.3) \times (242.9+243.0) / 2$ $(-2.0--1.5) \times (242.9+242.9) / 2$ $(-2.5--2.0) \times (243.4+242.9) / 2$ $(-3.1--2.5) \times (243.9+243.4) / 2$	24.4 243.7 97.3 72.9 -48.6 -121.5 -121.6 -146.2	0.7	
29 560.0	B1	$(-2.4--2.6) \times (244.0+244.0) / 2$ $(-1.1--2.4) \times (244.0+244.0) / 2$ $(-1.0--1.1) \times (244.0+244.0) / 2$ $(-1.5--1.0) \times (243.5+244.0) / 2$ $(-2.0--1.5) \times (243.5+243.5) / 2$ $(-2.5--2.0) \times (244.0+243.5) / 2$ $(-2.6--2.5) \times (244.0+244.0) / 2$	48.8 317.2 24.4 -121.9 -121.8 -121.9 -24.4	0.4	
30 580.0	B1	$(-1.0--2.5) \times (244.1+244.1) / 2$ $(-1.5--1.0) \times (243.6+244.1) / 2$ $(-2.0--1.5) \times (243.6+243.6) / 2$ $(-2.5--2.0) \times (244.1+243.6) / 2$	366.1 -121.9 -121.8 -121.9	0.4	
31 600.0	B1	$(-1.2--2.1) \times (244.0+243.8) / 2$ $(-1.5--1.2) \times (243.7+244.0) / 2$ $(-2.0--1.5) \times (243.7+243.7) / 2$ $(-2.1--2.0) \times (243.8+243.7) / 2$	219.5 -73.2 -121.8 -24.4	0.5	
34 660.0	B1	$(-1.2--2.0) \times (245.1+244.8) / 2$ $(-1.5--1.2) \times (244.8+245.1) / 2$ $(-2.0--1.5) \times (244.8+244.8) / 2$	196.0 -73.5 -122.4	0.1	
35 680.0	B1	$(-1.3--2.4) \times (245.3+245.2) / 2$ $(-1.0--1.3) \times (245.3+245.3) / 2$ $(-0.0--1.0) \times (245.3+245.3) / 2$ $(-1.0--0.0) \times (245.3+245.3) / 2$ $(-1.5--1.0) \times (244.8+245.3) / 2$ $(-2.0--1.5) \times (244.8+244.8) / 2$	269.8 73.6 245.3 -245.3 -122.5 -122.4	0.1	
A RIPORTARE mq			98.5		

		CALCOLO DELLE AREE			Foglio n. 5
SCAVO FOSSO					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
		RIPORTO mq	98.5		
		$(-2.4--2.0) \times (245.2+244.8) / 2$	-98.0	0.5	
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	2	A1	2.7	20.0	10.0	27.0	
2	3	2	A1	2.7	20.0	10.0	27.0	27.0
20.0	40.0	3	A1	0.2	20.0	10.0	2.0	
		3	A2	0.0	20.0	10.0	0.0	
3	4	3	A1	0.2	20.0	10.0	2.0	29.0
40.0	60.0	3	A2	0.0	20.0	10.0	0.0	
11	12	12	A1	0.0	20.0	10.0	0.0	2.0
12	13	12	A1	0.0	20.0	10.0	0.0	
18	19	19	A1	0.0	20.0	10.0	0.0	
18	19	19	A2	0.0	20.0	10.0	0.0	
19	20	19	A1	0.0	20.0	10.0	0.0	
19	20	19	A2	0.0	20.0	10.0	0.0	
23	24	24	A1	0.0	20.0	10.0	0.0	
23	24	24	A2	0.0	20.0	10.0	0.0	
24	25	24	A1	0.0	20.0	10.0	0.0	
24	25	24	A2	0.0	20.0	10.0	0.0	
24	25	25	A1	0.7	20.0	10.0	7.0	7.0
25	26	25	A1	0.7	20.0	10.0	7.0	
480.0	500.0	26	A1	0.8	20.0	10.0	8.0	15.0
26	27	26	A1	0.8	20.0	10.0	8.0	
500.0	520.0	27	A1	0.8	20.0	10.0	8.0	16.0
27	28	27	A1	0.8	20.0	10.0	8.0	
520.0	540.0	28	A1	0.9	20.0	10.0	9.0	17.0
28	29	28	A1	0.9	20.0	10.0	9.0	
540.0	560.0	29	A1	0.2	20.0	10.0	2.0	11.0
29	30	29	A1	0.2	20.0	10.0	2.0	
560.0	580.0	30	A1	0.0	20.0	10.0	0.0	2.0
		30	A2	0.0	20.0	10.0	0.0	
30	31	30	A1	0.0	20.0	10.0	0.0	
30	31	30	A2	0.0	20.0	10.0	0.0	
30	31	31	A1	1.0	20.0	10.0	10.0	10.0
580.0	600.0	31	A2	0.0	20.0	10.0	0.0	
31	32	31	A1	1.0	20.0	10.0	10.0	
600.0	620.0	31	A2	0.0	20.0	10.0	0.0	
		32	A1	2.4	20.0	10.0	24.0	37.0
		32	A2	0.3	20.0	10.0	3.0	
32	33	32	A1	2.4	20.0	10.0	24.0	
620.0	640.0	32	A2	0.3	20.0	10.0	3.0	
		33	A1	2.7	20.0	10.0	27.0	54.0
33	34	33	A1	2.7	20.0	10.0	27.0	
640.0	660.0	34	A1	1.7	20.0	10.0	17.0	
		34	A2	0.1	20.0	10.0	1.0	45.0
34	35	34	A1	1.7	20.0	10.0	17.0	
660.0	680.0	34	A2	0.1	20.0	10.0	1.0	
		35	A1	0.3	20.0	10.0	3.0	21.0
35	36	35	A1	0.3	20.0	10.0	3.0	
680.0	700.0	36	A1	2.2	20.0	10.0	22.0	
		36	A2	0.2	20.0	10.0	2.0	27.0
36	37	36	A1	2.2	20.0	10.0	22.0	
700.0	720.0	36	A2	0.2	20.0	10.0	2.0	
		37	A1	2.7	20.0	10.0	27.0	51.0
37	38	37	A1	2.7	17.1	8.6	23.2	
720.0	737.1	38	A1	2.2	17.1	8.6	18.9	
		38	A2	0.2	17.1	8.6	1.7	43.8
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO		414.8	

		COMPUTO DEI VOLUMI					Foglio n. 7	
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	1.5	20.0	10.0	15.0	15.0
2	3	3	B1	0.5	20.0	10.0	5.0	5.0
3	4	3	B1	0.5	20.0	10.0	5.0	9.0
40.0	60.0	4	B1	0.4	20.0	10.0	4.0	9.0
4	5	4	B1	0.4	20.0	10.0	4.0	10.0
60.0	80.0	5	B1	0.6	20.0	10.0	6.0	10.0
5	6	5	B1	0.6	20.0	10.0	6.0	13.0
80.0	100.0	6	B1	0.7	20.0	10.0	7.0	12.0
6	7	6	B1	0.7	20.0	10.0	7.0	12.0
100.0	120.0	7	B1	0.5	20.0	10.0	5.0	10.0
7	8	7	B1	0.5	20.0	10.0	5.0	10.0
120.0	140.0	8	B1	0.5	20.0	10.0	5.0	12.0
8	9	8	B1	0.5	20.0	10.0	5.0	12.0
140.0	160.0	9	B1	0.7	20.0	10.0	7.0	12.0
9	10	9	B1	0.7	20.0	10.0	7.0	12.0
160.0	180.0	10	B1	0.5	20.0	10.0	5.0	12.0
10	11	10	B1	0.5	20.0	10.0	5.0	11.0
180.0	200.0	11	B1	0.6	20.0	10.0	6.0	11.0
11	12	11	B1	0.6	20.0	10.0	6.0	11.0
200.0	220.0	11	B2	0.0	20.0	10.0	0.0	11.0
12	13	12	B1	0.5	20.0	10.0	5.0	11.0
220.0	240.0	13	B1	0.5	20.0	10.0	5.0	10.0
13	14	13	B1	0.5	20.0	10.0	5.0	11.0
240.0	260.0	14	B1	0.6	20.0	10.0	6.0	11.0
14	15	14	B1	0.6	20.0	10.0	6.0	11.0
260.0	280.0	15	B1	0.5	20.0	10.0	5.0	11.0
15	16	15	B1	0.5	20.0	10.0	5.0	10.0
280.0	300.0	16	B1	0.5	20.0	10.0	5.0	10.0
16	17	16	B1	0.5	20.0	10.0	5.0	11.0
300.0	320.0	17	B1	0.6	20.0	10.0	6.0	11.0
17	18	17	B1	0.6	20.0	10.0	6.0	12.0
320.0	340.0	18	B1	0.6	20.0	10.0	6.0	12.0
18	19	18	B1	0.6	20.0	10.0	6.0	10.0
340.0	360.0	19	B1	0.4	20.0	10.0	4.0	10.0
19	20	19	B1	0.4	20.0	10.0	4.0	9.0
360.0	380.0	20	B1	0.5	20.0	10.0	5.0	9.0
20	21	20	B1	0.5	20.0	10.0	5.0	11.0
380.0	400.0	21	B1	0.6	20.0	10.0	6.0	11.0
21	22	21	B1	0.6	20.0	10.0	6.0	12.0
400.0	420.0	22	B1	0.6	20.0	10.0	6.0	12.0
22	23	22	B1	0.6	20.0	10.0	6.0	13.0
420.0	440.0	23	B1	0.7	20.0	10.0	7.0	13.0
23	24	23	B1	0.7	20.0	10.0	7.0	11.0
440.0	460.0	24	B1	0.4	20.0	10.0	4.0	11.0
24	25	24	B1	0.4	20.0	10.0	4.0	9.0
460.0	480.0	25	B1	0.5	20.0	10.0	5.0	9.0
25	26	25	B1	0.5	20.0	10.0	5.0	14.0
480.0	500.0	26	B1	0.9	20.0	10.0	9.0	14.0
26	27	26	B1	0.9	20.0	10.0	9.0	16.0
500.0	520.0	27	B1	0.7	20.0	10.0	7.0	16.0
27	28	27	B1	0.7	20.0	10.0	7.0	11.0
520.0	540.0	28	B1	0.4	20.0	10.0	4.0	11.0
28	29	28	B1	0.4	20.0	10.0	4.0	8.0
540.0	560.0	29	B1	0.4	20.0	10.0	4.0	8.0
29	30	29	B1	0.4	20.0	10.0	4.0	9.0
560.0	580.0	30	B1	0.5	20.0	10.0	5.0	9.0
30	31	30	B1	0.5	20.0	10.0	5.0	6.0
580.0	600.0	31	B1	0.1	20.0	10.0	1.0	6.0
31	32	31	B1	0.1	20.0	10.0	1.0	1.0
33	34	34	B1	0.1	20.0	10.0	1.0	1.0
34	35	34	B1	0.1	20.0	10.0	1.0	1.0
660.0	680.0	35	B1	0.5	20.0	10.0	5.0	6.0
35	36	35	B1	0.5	20.0	10.0	5.0	5.0
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO		337.0	