

MATRICE DI REVISIONE

REV	DATA	DESCRIZIONE MODIFICA

N.B.: LA TAVOLA SOSTITUISCE QUELLA RELATIVA AL CODICE DEL PROGETTO ESECUTIVO



COLLEGAMENTO AUTOSTRADALE DALMINE - COMO - VARESE - VALICO DEL GAGGIOLO E OPERE AD ESSO CONNESSE CODICE C.U.P. F11B06000270007 TRATTE B1, B2, C, D, TRVA13+14, GREENWAY

AS BUILT

TRATTA B1
IDROLOGIA ED IDRAULICA
AUTORIZZAZIONE SCARICHI LURA
CONFIGURAZIONE EXPO 2015
CANALE DI GRONDA - SEZIONI TRASVERSALI

IDENTIFICAZIONE ELABORATO								
CODICE PROGETTO: F00107B								
FASE PROGETTUALE	WBS				AMBITO	TIPO ELABORATO	PROGRESSIVO	REVISIONE
	LOTTO	ZONA	OPERA	TRATTO D'OPERA				
A	1	A02	TW004	0	IR	SZ	001	E

IMPRESA			
RAGGRUPPAMENTO TEMPORANEO IMPRESE:			
Mandataria	Mandante	Mandante	Mandante cooptata
STRABAG A.G.	GLF Grandi Lavori Fincosit S.p.A.	Impresa costruzioni Giuseppe Maltauro S.p.A.	STRABAG S.p.A.

Scala: 1:200

DATA	DESCRIZIONE	REV
Gennaio 2016	Emissione	E

PROGETTISTA - PROGETTO ESECUTIVO DI DETTAGLIO			
RAGGRUPPAMENTO TEMPORANEO PROGETTISTI:			
Mandataria	Mandante	Mandante	Mandante
3TI PROGETTI ITALIA INGEGNERIA INTEGRATA S.p.A.	GP Ingegneria s.r.l. GESTIONE PROGETTI DI INGEGNERIA	costruzioni progettati	Arch. Salvatore Vermiglio

CONCEDENTE
CONCESSIONI AUTOSTRADALI LOMBARDE

RESPONSABILE DI PROGETTO ED INCARICATO DELL'INTEGRAZIONE FRA LE VARIE PRESTAZIONI:
Ing. Alberto Cecchini

CONCESSIONARIO
Autostada Pedemontana Lombardia
Direttore Tecnico: Ing. Enrico Arini
Referente Tecnico: Ing. Daniel Pacinelli

ELABORAZIONE PROGETTUALE
PROGETTISTA:
3TI PROGETTI ITALIA S.p.A.

APPROVATO
Autostada Pedemontana Lombardia
Il Direttore dei Lavori: Ing. Francesco Domanico

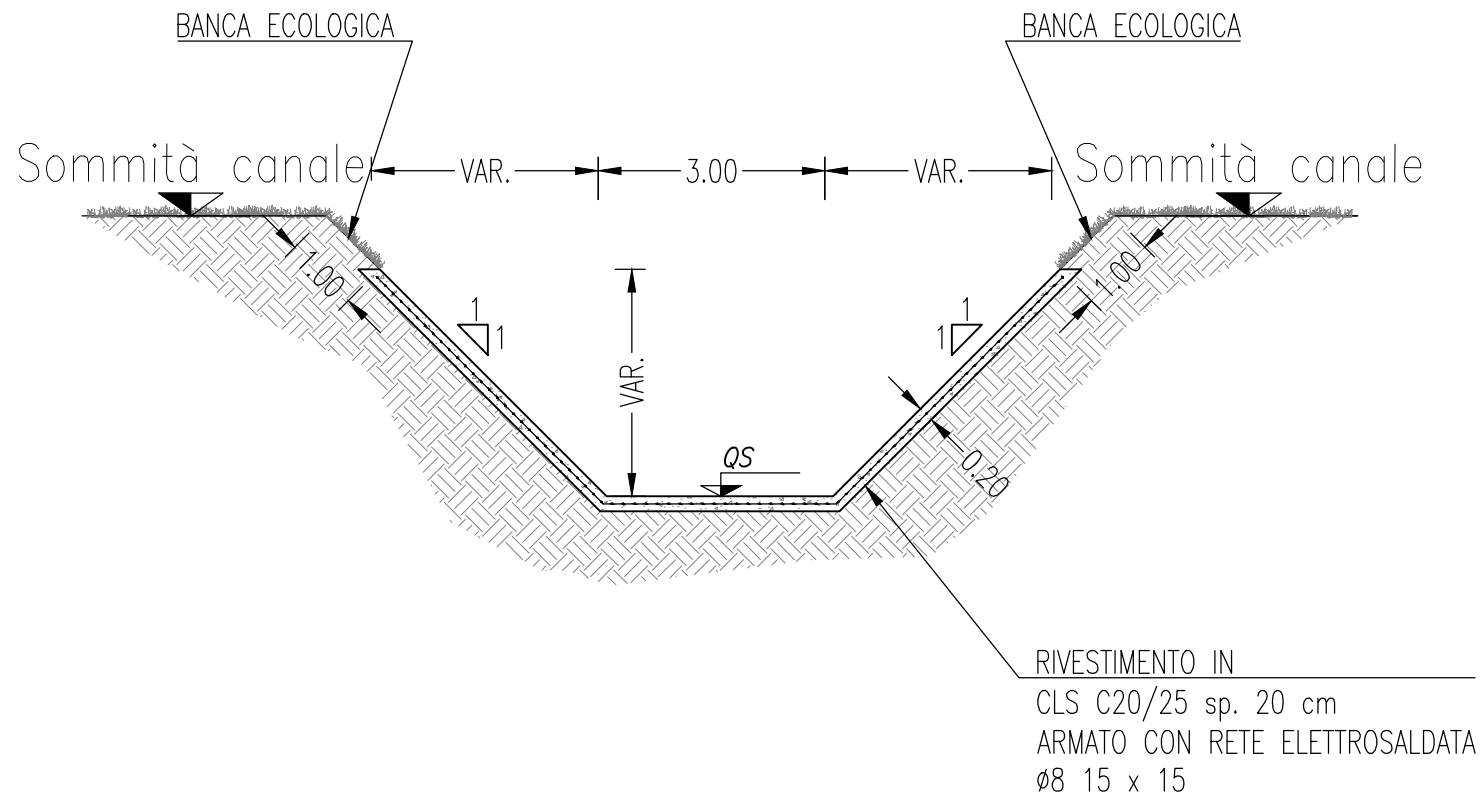
3TI ITALIA S.p.A. DIRETTORE TECNICO
Ing. Stefano Luca Possati
Ordine degli Ingegneri Provincia di Roma n. 20809

Redatto: Festa Verificato: Baglivo Approvato: Possati

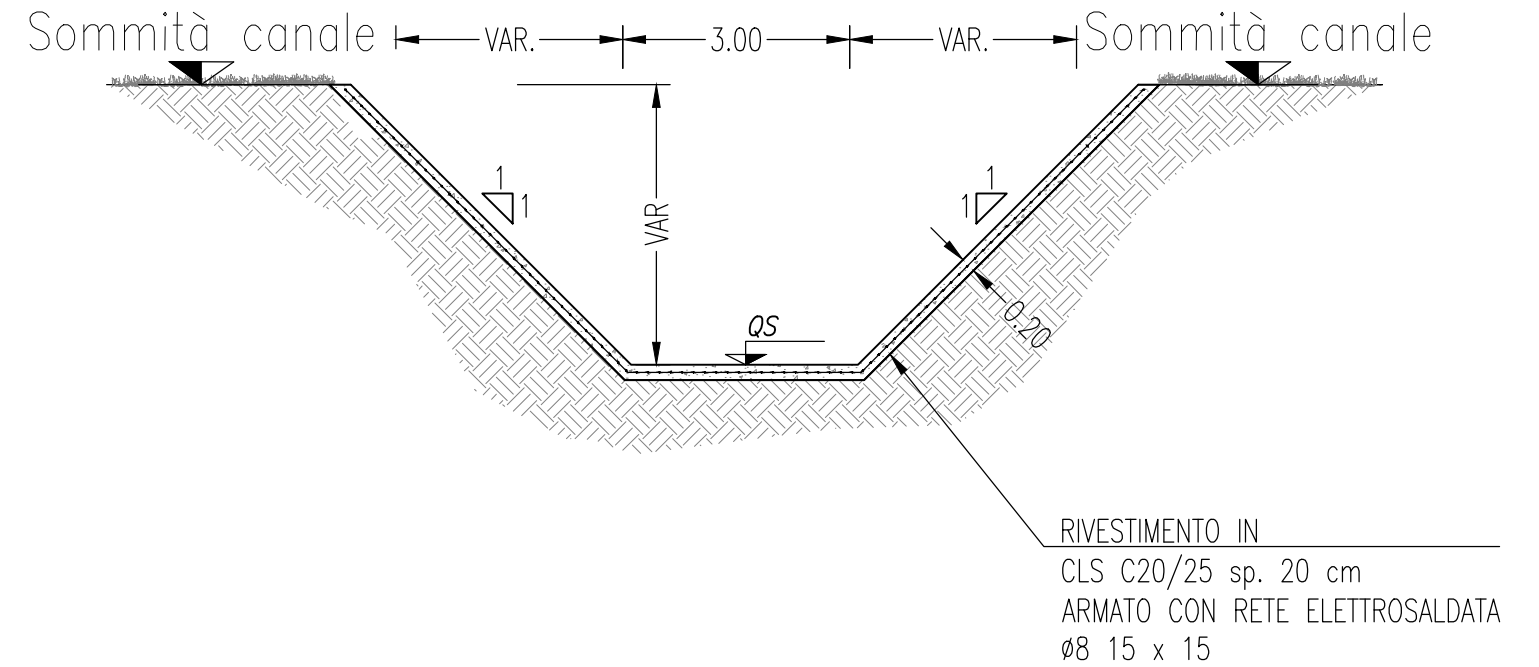


SEZIONI TIPOLOGICHE CANALE DI GRONDA (Tav. 1/2)

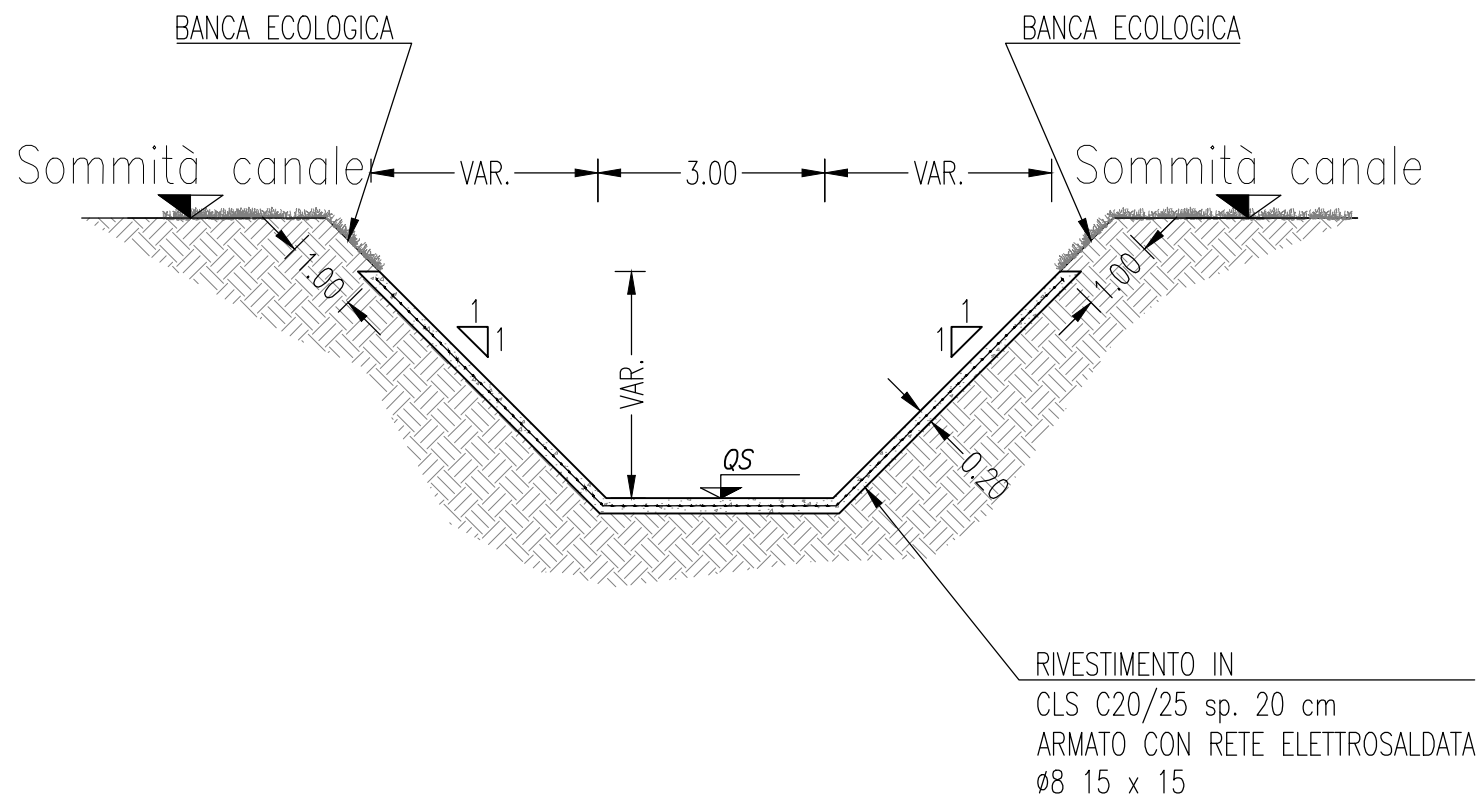
SEZIONE TIPO DA SEZ. 1 a SEZ. 53
scala 1:100



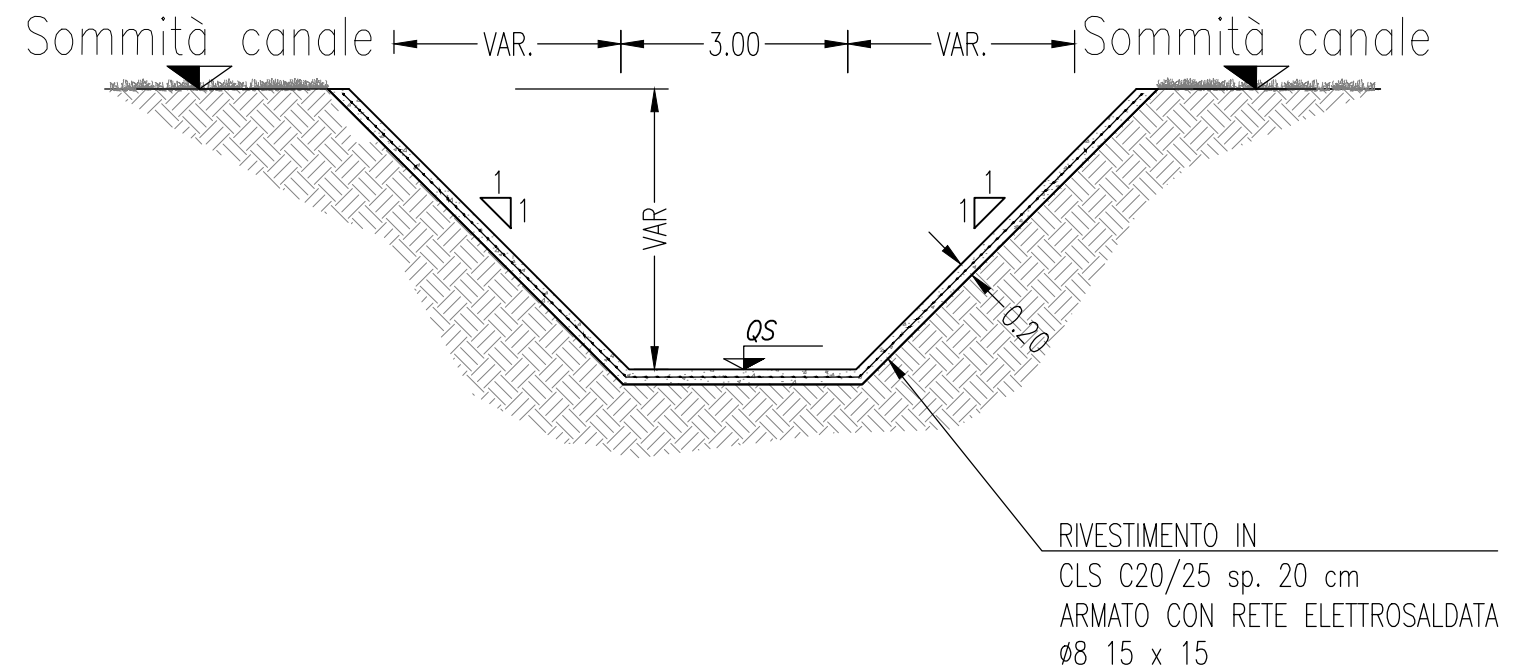
SEZIONE TIPO DA SEZ. 53 a SEZ. 54
scala 1:100



SEZIONE TIPO DA SEZ. 54 a SEZ. 76
scala 1:100

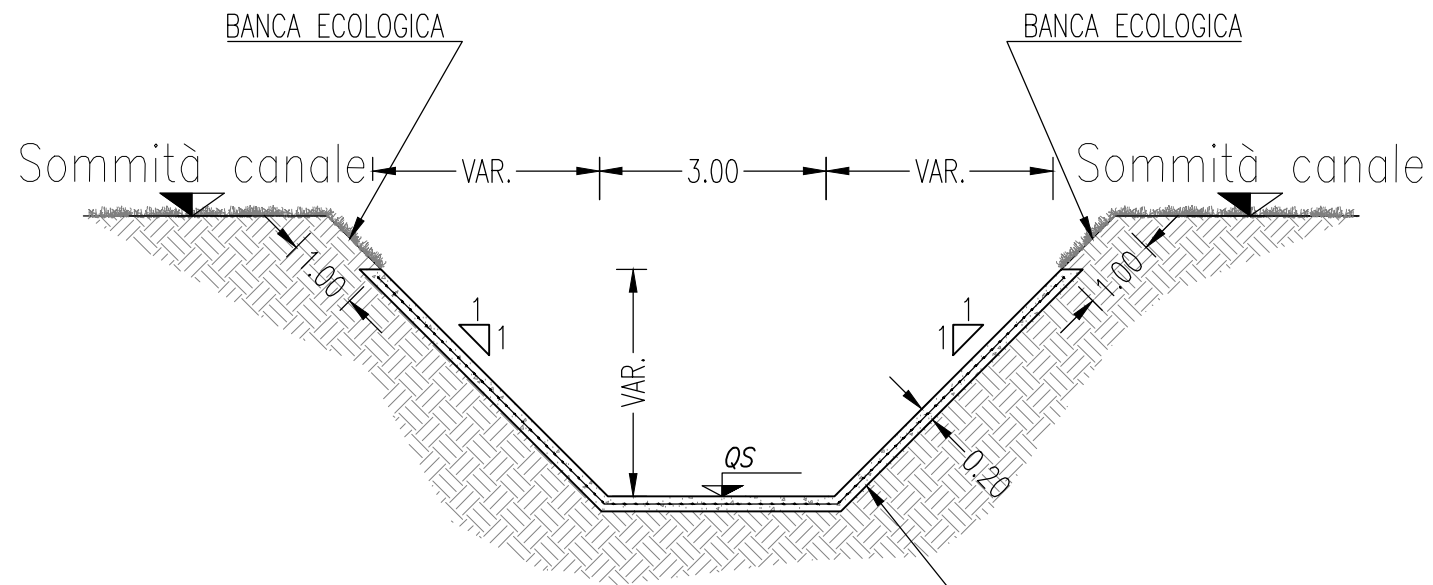


SEZIONE TIPO DA SEZ. 76 a SEZ. 76BIS
scala 1:100



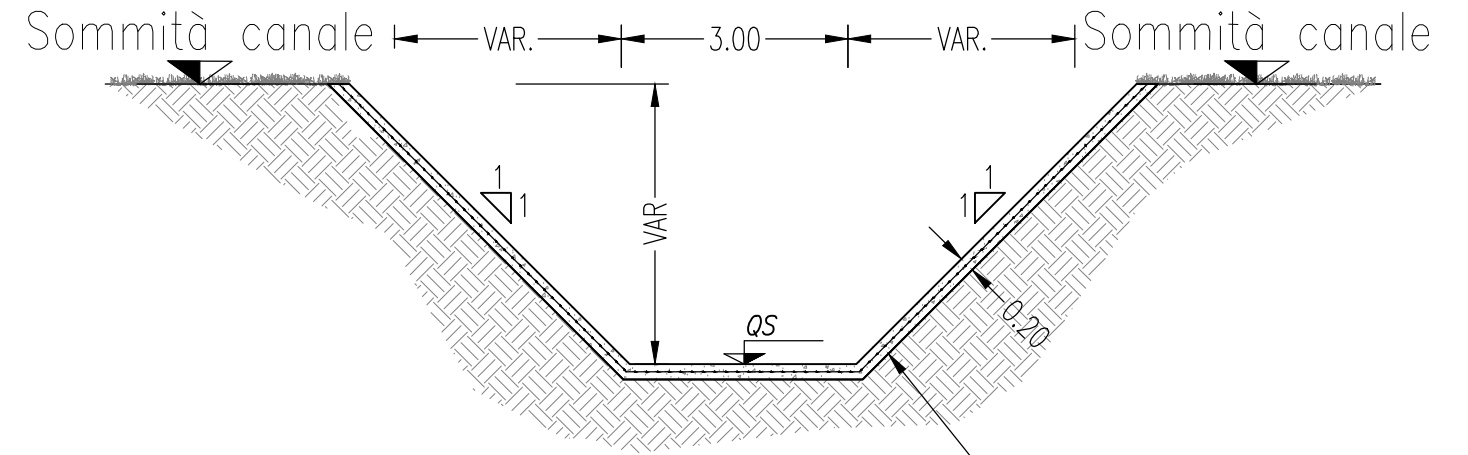
SEZIONI TIPOLOGICHE CANALE DI GRONDA (Tav. 2/2)

SEZIONE TIPO DA SEZ. 76Bis a SEZ. 83
scala 1:100



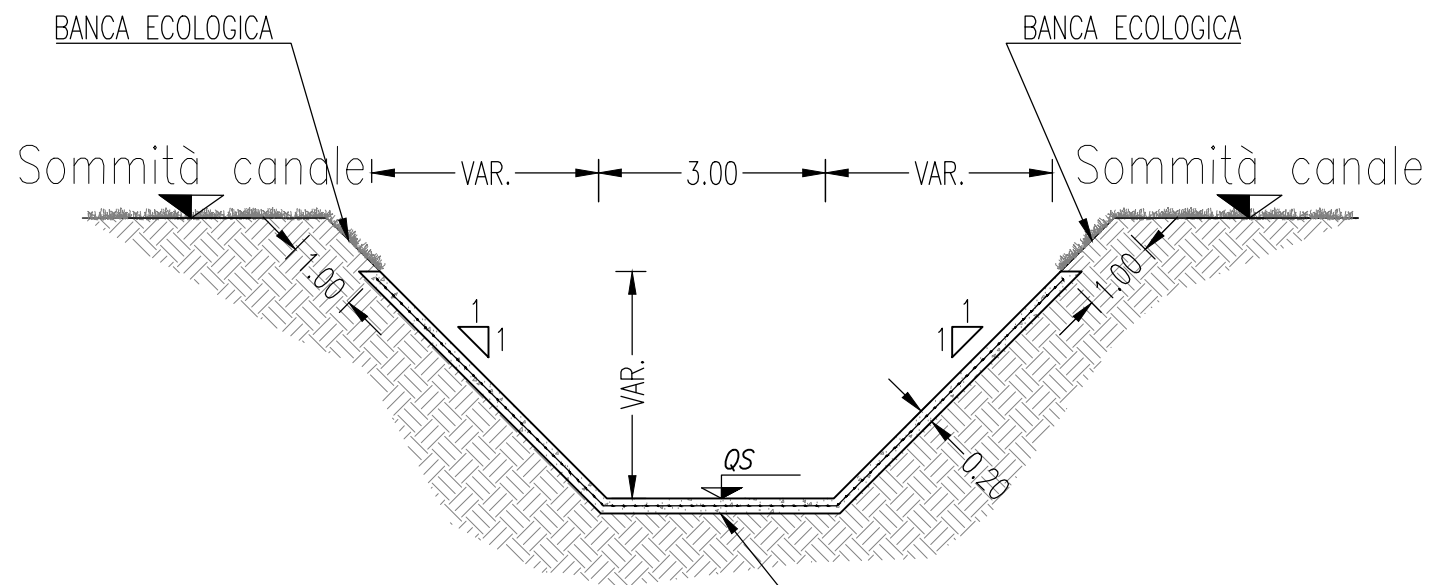
RIVESTIMENTO IN
CLS C20/25 sp. 20 cm
ARMATO CON RETE ELETTROSALDATA
Ø8 15 x 15

SEZIONE TIPO DA SEZ. 83 a SEZ. 84
scala 1:100



RIVESTIMENTO IN
CLS C20/25 sp. 20 cm
ARMATO CON RETE ELETTROSALDATA
Ø8 15 x 15

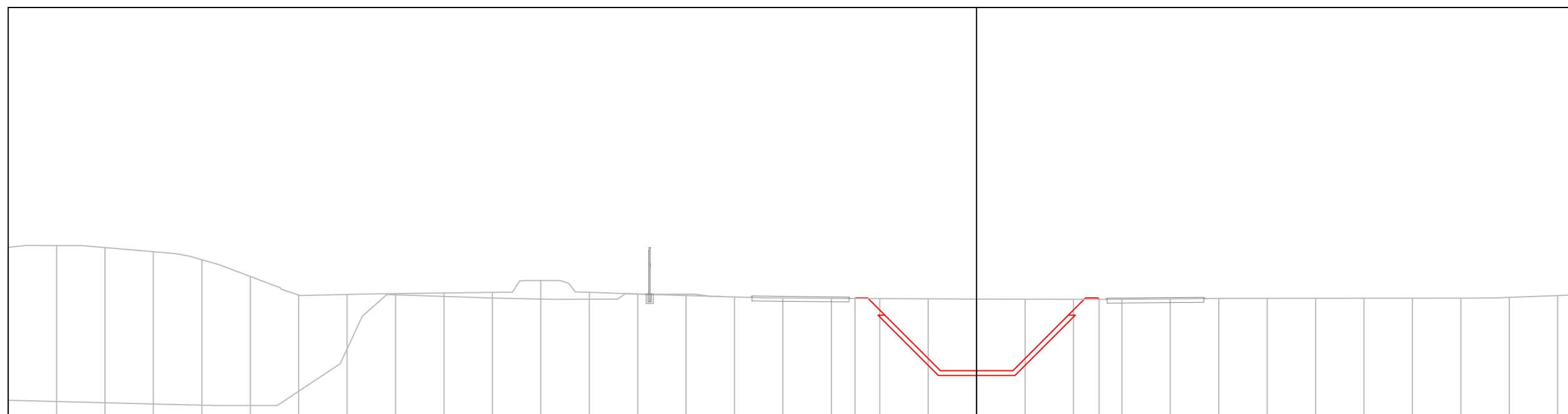
SEZIONE TIPO DA SEZ. 84 a SEZ. 91
scala 1:100



RIVESTIMENTO IN
CLS C20/25 sp. 20 cm
ARMATO CON RETE ELETTROSALDATA
Ø8 15 x 15

Material(s) at Station 0+000.00		
Material Name	SCAVO	RIPORTO
Area	17.61	0.04
Volume	0.00	0.00
Cumulative Vol	0.00	0.00

asse centrale
Sez - 1
PROGRESSIVA 0+000.00
Q.R. =270.00



PROGRESSIVE TERRENO

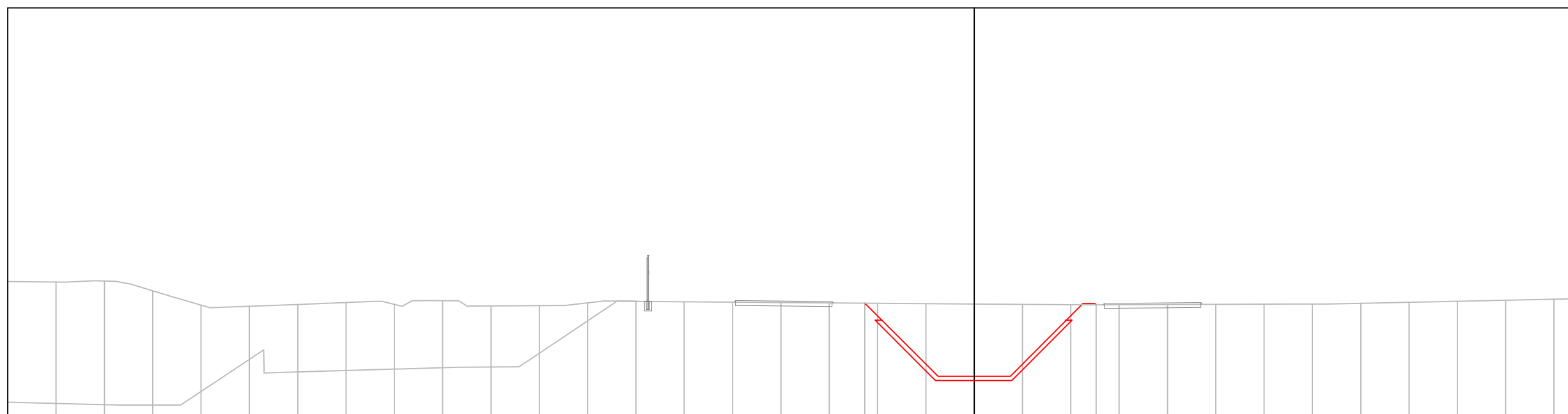
QUOTE TERRENO

QUOTE PROGETTO

DISTANZE PARZIALI CANALE

Material(s) at Station 0+050.00		
Material Name	SCAVO	RIPORTO
Area	17.91	0.03
Volume	887.91	1.74
Cumulative Vol	887.91	1.74

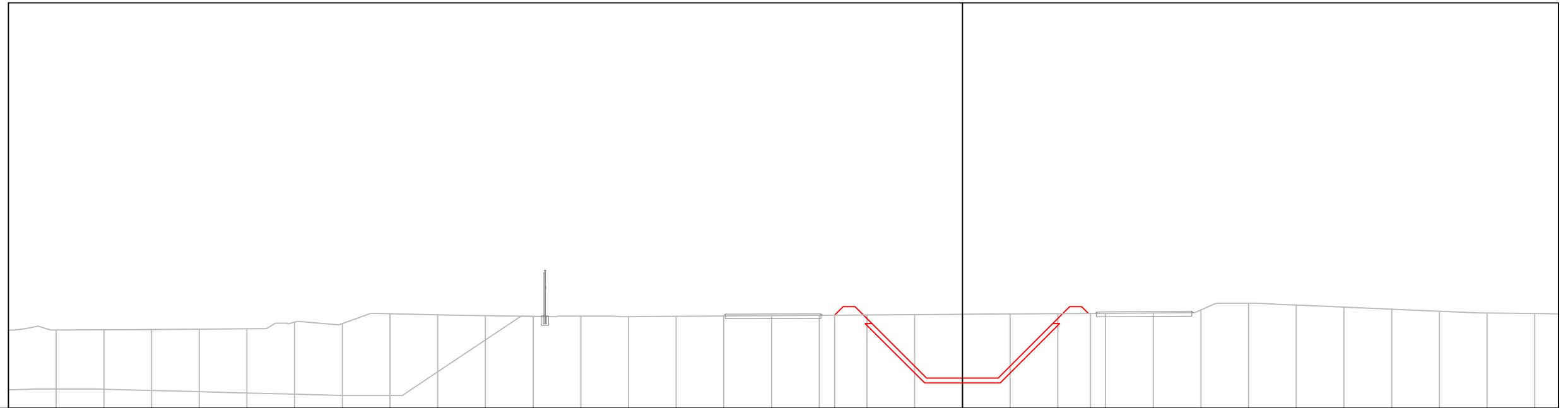
asse centrale
 Sez - 2
 PROGRESSIVA 0+050.00
 Q.R. =270.00



PROGRESSIVE TERRENO	40.00	38.00	36.00	34.00	32.00	30.00	28.00	26.00	24.00	22.00	20.00	18.00	16.00	14.00	12.00	10.00	8.00	6.00	4.00	2.00	0.00	-2.00	-4.00	-6.00	-8.00	-10.00	-12.00	-14.00					
QUOTE TERRENO	275.67	275.65	275.69	275.29	274.69	274.64	274.72	274.80	274.73	274.88	274.66	274.68	274.79	274.85	274.83	274.82	274.80	274.79	274.77	274.76	274.74	274.73	274.71	274.71	274.72	274.73	274.74	274.74	274.77	274.81	274.86	274.90	274.94
QUOTE PROGETTO																			274.78	271.75	271.75	271.75	274.75	274.75	274.75								
DISTANZE PARZIALI CANALE																			3.02	1.50	1.50	3.00	0.50	0.05									

Material(s) at Station 0+150.00		
Material Name	SCAVO	RIPORTO
Area	15.23	0.53
Volume	805.94	16.61
Cumulative Vol	2566.65	22.43

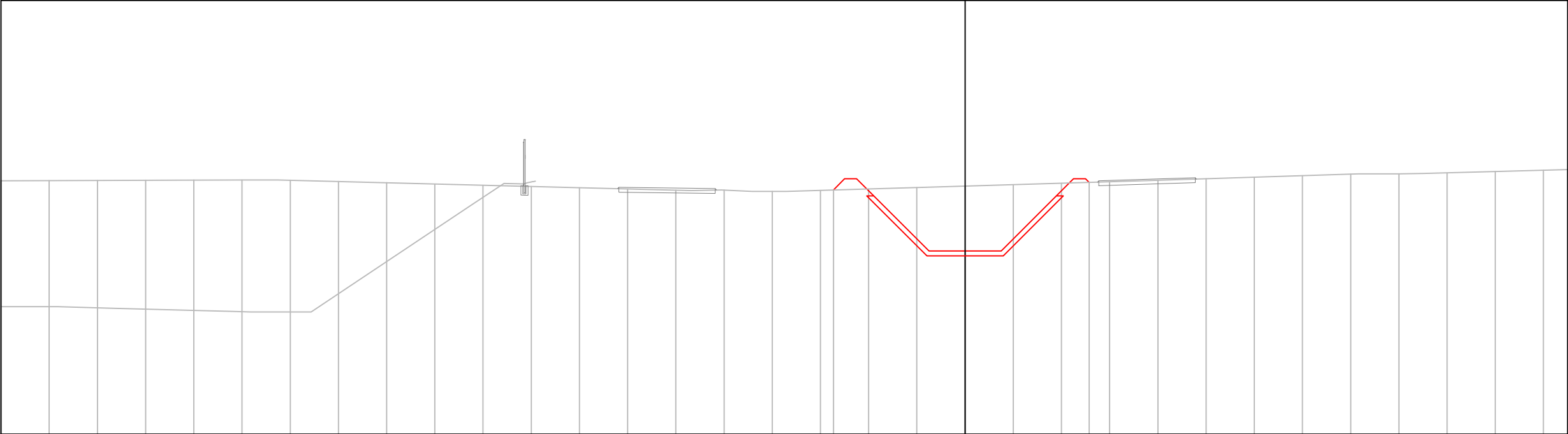
asse centrale
 Sez - 4
 PROGRESSIVA 0+150.00
 Q.R. =270.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	273.27	273.27	273.28	273.30	273.31	273.33	273.61	273.55	273.96	273.91	273.88	273.85	273.86	273.84	273.85	273.87	273.88	273.89	273.91	273.92	273.94	273.95	273.96	273.98	273.99	274.11	274.40	274.32	274.24	274.15	274.06	273.99	273.97
QUOTE PROGETTO																			273.90	274.26	274.26	271.26	271.26	271.26	274.26	274.26	273.97						
DISTANZE PARZIALI CANALE																			0.36	0.50	3.00	1.50	1.50	3.00	0.50	0.28							

Material(s) at Station 0+650.00		
Material Name	SCAVO	RIPORTO
Area	15.40	0.52
Volume	834.52	14.21
Cumulative Vol	12080.53	54.32

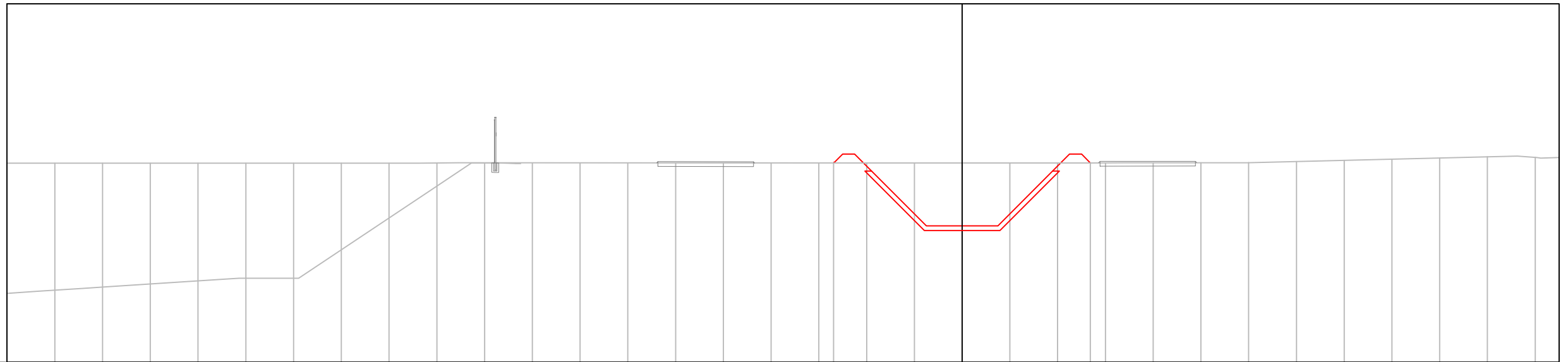
asse centrale
Sez - 14
PROGRESSIVA 0+650.00
Q.R. =260.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	270.52	270.52	270.53	270.54	270.54	270.55	270.54	270.49	270.43	270.38	270.33	270.28	270.23	270.17	270.12	270.13	270.08	270.12	270.18	270.24	270.30	270.36	270.42	270.47	270.54	270.60	270.66	270.73	270.79	270.80	270.84	270.90	270.95
QUOTE PROGETTO																			270.14	270.60	267.60	267.60	267.60	270.60	270.45								
DISTANZE PARZIALI CANALE																			0.46	0.50	3.00	1.50	1.50	3.00	0.50	0.15							

Material(s) at Station 1+300.00		
Material Name	SCAVO	RIPORTO
Area	14.80	0.64
Volume	910.57	16.12
Cumulative Vol	25595.63	96.62

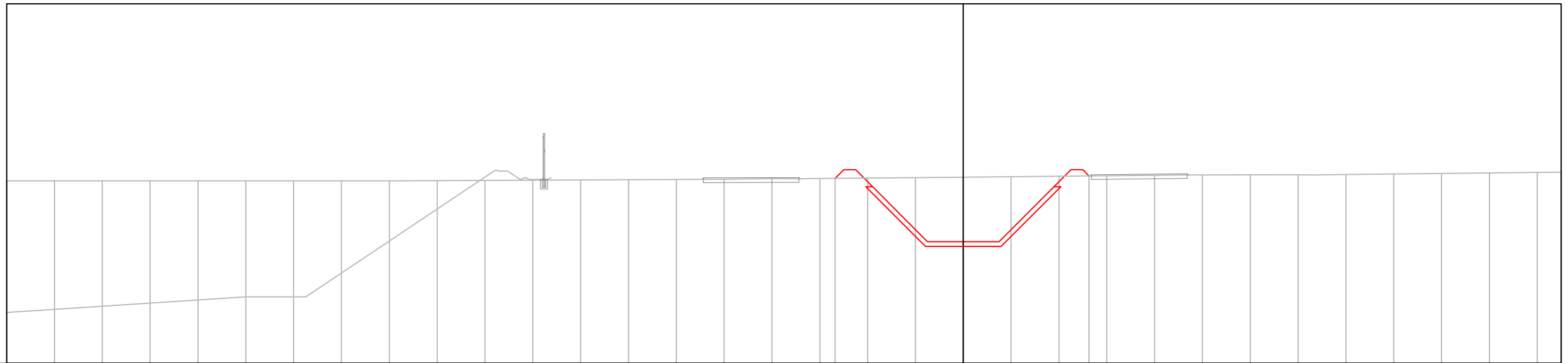
asse centrale
Sez - 27
PROGRESSIVA 1+300.00
Q.R. =260.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	
QUOTE TERRENO	268.33	268.33	268.33	268.33	268.33	268.33	268.33	268.33	268.33	268.34	268.34	268.34	268.34	268.34	268.34	268.34	268.34	268.34	268.33	268.34	268.34	268.34	268.34	268.34	268.34	268.34	268.35	268.35	268.40	268.45	268.50	268.55	268.60	268.57
QUOTE PROGETTO																			268.33	268.71	268.71	265.71	265.71	265.71	268.71	268.71	268.34							
DISTANZE PARZIALI CANALE																			0.37	0.50	3.00	1.50	1.50	3.00	0.50	0.37								

Material(s) at Station 1+450.00		
Material Name	SCAVO	RIPORTO
Area	15.32	0.50
Volume	783.78	20.77
Cumulative Vol	27890.32	175.72

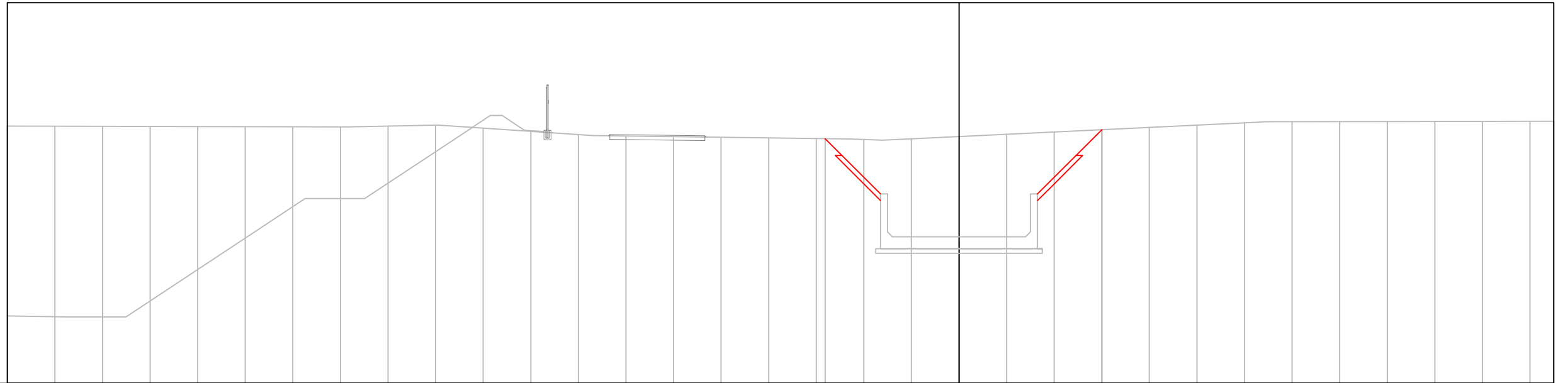
asse centrale
Sez - 30
PROGRESSIVA 1+450.00
Q.R. =260.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	
QUOTE TERRENO	267.61	267.61	267.61	267.61	267.61	267.61	267.61	267.61	267.61	267.62	267.63	267.64	267.65	267.66	267.67	267.68	267.70	267.70	267.72	267.74	267.76	267.78	267.80	267.82	267.84	267.86	267.86	267.86	267.86	267.87	267.90	267.92	267.94	267.96
QUOTE PROGETTO																			267.71	268.07	265.07	265.07	265.07	268.07	268.07									
DISTANZE PARZIALI CANALE																			0.36	0.50	3.00	1.50	1.50	3.00	0.50	0.26								

Material(s) at Station 2+000.00		
Material Name	SCAVO	RIPORTO
Area	30.70	0.00
Volume	1831.79	0.00
Cumulative Vol	43878.43	200.11

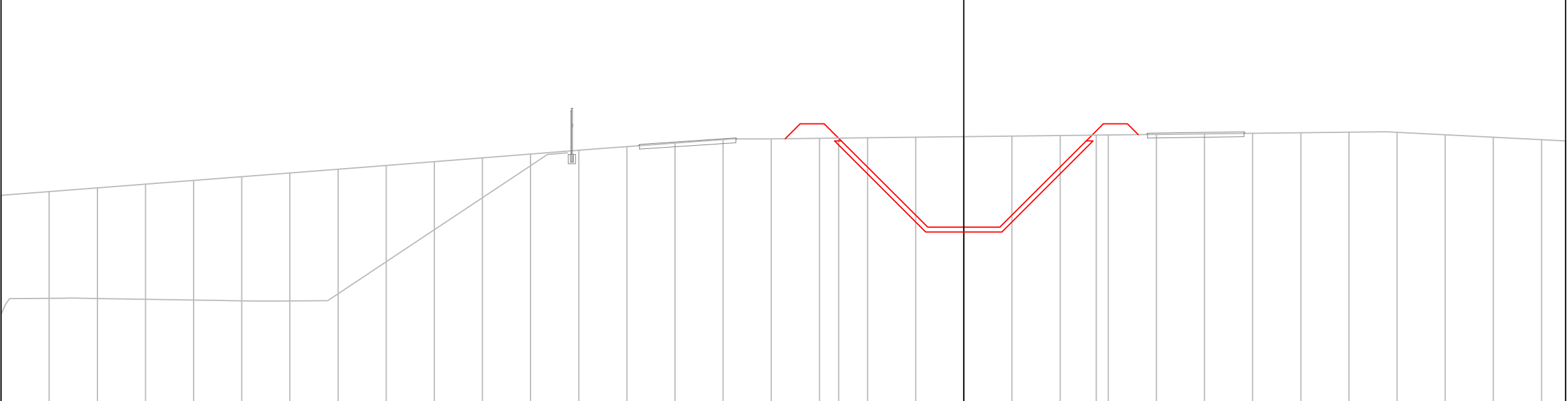
asse centrale
Sez - 41
PROGRESSIVA 2+000.00
Q.R. =254.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	264.81	264.80	264.80	264.79	264.79	264.79	264.78	264.78	264.81	264.85	264.72	264.59	264.45	264.39	264.36	264.34	264.31	264.29	264.25	264.28	264.37	264.47	264.56	264.66	264.76	264.85	264.95	265.00	265.00	265.00	265.01	265.01	265.01
QUOTE PROGETTO																		264.28	261.96	261.96	260.16	260.16	260.16	261.96	264.66								
DISTANZE PARZIALI CANALE																			2.32	0.33	1.50	1.50	1.50	1.50	0.33	2.70							

Material(s) at Station 2+500.00		
Material Name	SCAVO	RIPORTO
Area	25.47	0.00
Volume	1254.16	0.00
Cumulative Vol	59820.99	200.35

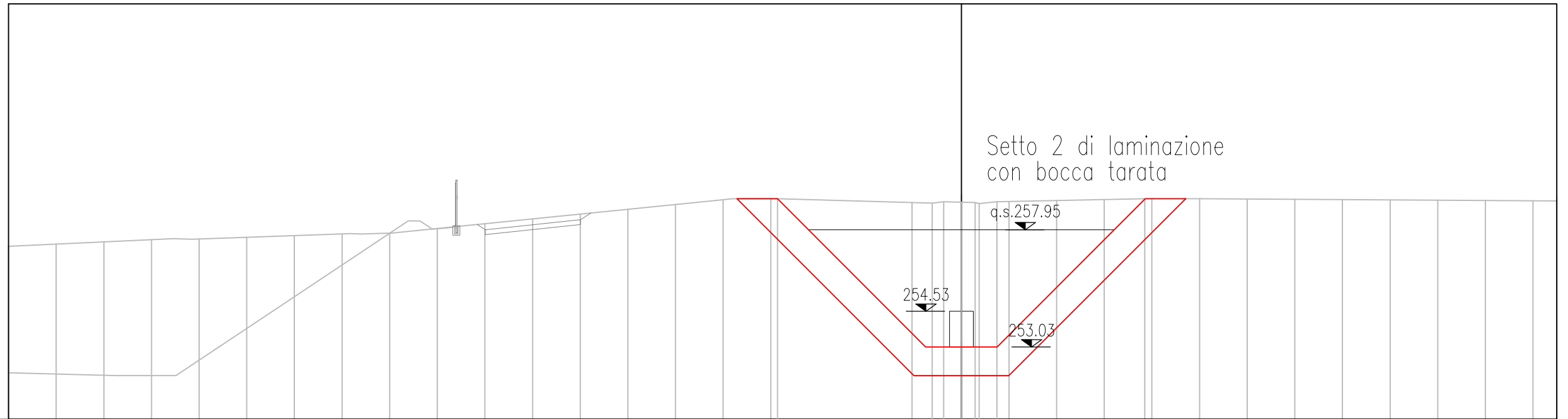
asse centrale
Sez - 52
PROGRESSIVA 2+500.00
Q.R. =250.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	258.71	258.86	259.02	259.17	259.33	259.48	259.64	259.79	259.95	260.11	260.27	260.43	260.58	260.74	260.88	261.03	261.06	261.08	261.10	261.13	261.15	261.17	261.20	261.22	261.24	261.27	261.29	261.31	261.34	261.33	261.23	261.13	261.02
QUOTE PROGETTO																		261.07	261.68	261.68		257.39	257.39	257.39		261.68	261.68	261.23					
DISTANZE PARZIALI CANALE																		0.22	1.00	4.30	1.50	1.50	4.30	1.00	0.45								

Material(s) at Station 3+700.00		
Material Name	SCAVO	RIPORTO
Area	56.32	0.00
Volume	2989.48	0.00
Cumulative Vol	107743.40	312.41

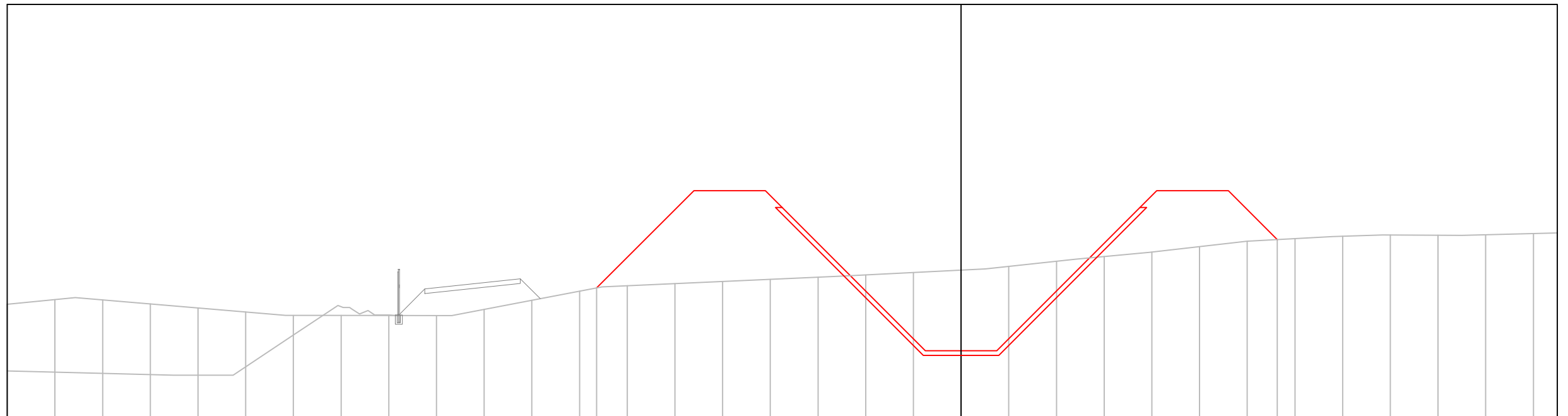
asse centrale
Sez - 76bis
PROGRESSIVA 3+700.00
Q.R. =250.00



PROGRESSIVE TERRENO	QUOTE TERRENO	QUOTE PROGETTO	DISTANZE PARZIALI CANALE
40.00	257.25		
38.00	257.35		
36.00	257.44		
34.00	257.53		
32.00	257.56		
30.00	257.63		
28.00	257.70		
26.00	257.77		
24.00	257.80		
22.00	257.97		
20.00	258.20		
18.00	258.40		
16.00	258.61		
14.00	258.81		
12.00	259.01		
10.00	259.21	259.25	1.70
8.00	259.25	259.25	6.22
7.72	259.25	259.25	
2.07	259.09	253.03	1.50
1.22	259.09	253.03	1.50
0.74	259.11	253.03	
0.00	259.09	253.03	
0.58	259.09	253.03	
0.46	259.13	253.03	
2.00	259.14		
4.00	259.18		6.22
6.00	259.22		
7.70	259.23	259.25	1.70
8.00	259.25	259.25	
10.00	259.25		
12.00	259.24		
14.00	259.23		
16.00	259.22		
18.00	259.20		
20.00	259.19		
22.00	259.18		
24.00	259.17		

Material(s) at Station 3+750.00		
Material Name	SCAVO	RIPORTO
Area	22.11	38.79
Volume	1961.01	967.27
Cumulative Vol	109704.41	1279.67

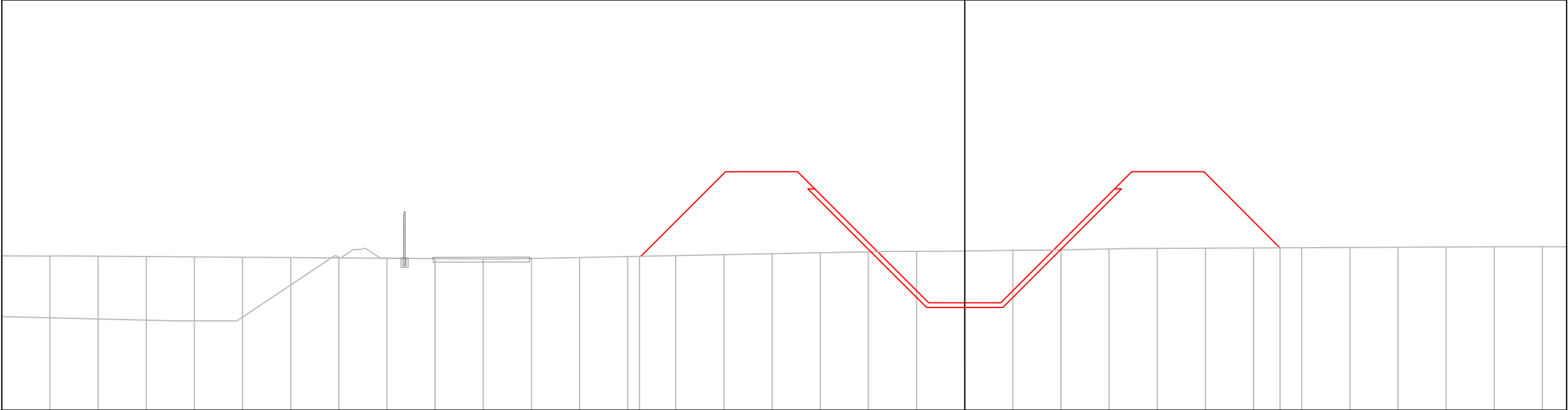
asse centrale
Sez - 77
PROGRESSIVA 3+750.00
Q.R. =250.00



PROGRESSIVE TERRENO	-40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	254.74	254.94	254.92	254.75	254.59	254.42	254.28	254.27	254.27	254.27	254.53	254.91	255.29	255.51	255.60	255.69	255.78	255.87	255.97	256.07	256.17	256.33	256.54	256.74	256.93	257.15	257.38	257.49	257.59	257.64	257.63	257.65	257.70
QUOTE PROGETTO													255.42		259.50		259.50			252.79	252.79	252.79			259.50		259.50	257.45					
DISTANZE PARZIALI CANALE														4.08	3.00		6.71			1.50	1.50		6.71		3.00	2.05							

Material(s) at Station 3+800.00		
Material Name	SCAVO	RIPORTO
Area	11.09	41.63
Volume	829.68	2017.74
Cumulative Vol	110534.09	3297.41

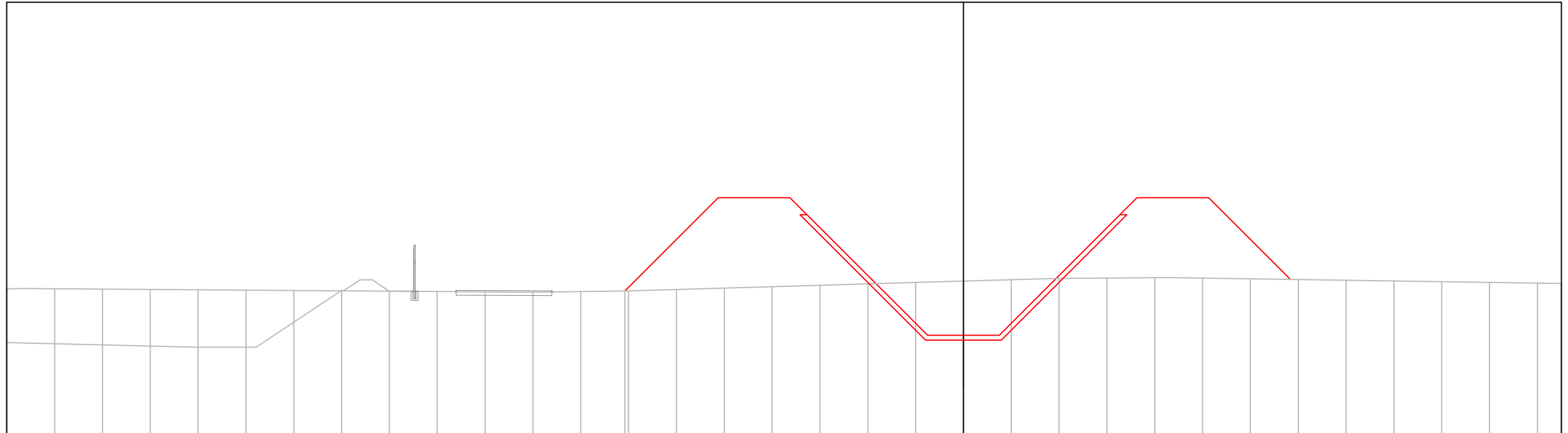
asse centrale
Sez - 78
PROGRESSIVA 3+800.00
Q.R. =248.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	254.41	254.40	254.39	254.38	254.36	254.35	254.34	254.32	254.31	254.29	254.28	254.30	254.34	254.38	254.42	254.46	254.50	254.54	254.57	254.60	254.61	254.64	254.65	254.70	254.72	254.73	254.74	254.75	254.75	254.76	254.77	254.78	254.78
QUOTE PROGETTO														254.39	254.42	257.90	257.90	254.54	254.57	252.46	252.46	252.46	254.65	254.70	257.90	257.90	254.74						
DISTANZE PARZIALI CANALE															3.51	3.00	5.44	1.50	1.50	5.44	1.50	1.50	5.44	3.00	3.16								

Material(s) at Station 3+850.00		
Material Name	SCAVO	RIPORTO
Area	11.97	46.74
Volume	576.57	2208.26
Cumulative Vol	111110.66	5505.67

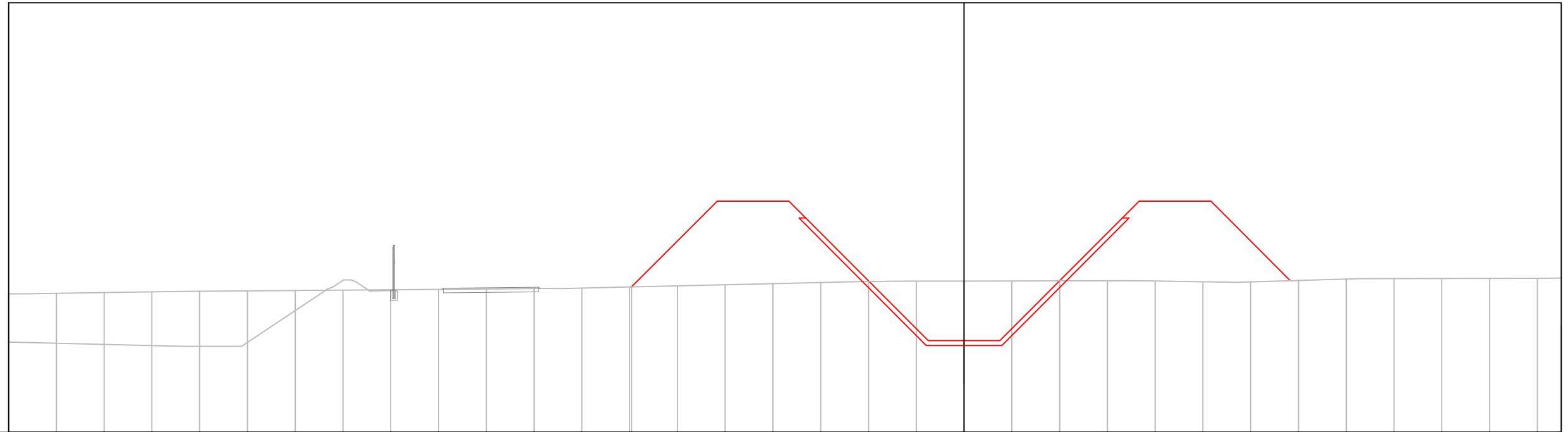
asse centrale
Sez - 79
PROGRESSIVA 3+850.00
Q.R. =248.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	254.10	254.09	254.08	254.06	254.05	254.04	254.02	254.01	253.99	253.98	253.96	253.95	253.98	254.00	254.06	254.12	254.18	254.24	254.30	254.35	254.41	254.47	254.53	254.54	254.55	254.54	254.51	254.48	254.45	254.42	254.39	254.36	254.33
QUOTE PROGETTO														254.00		257.90	257.90			252.14	252.14	252.14			257.90	257.90		254.48					
DISTANZE PARZIALI CANALE															3.90	3.00		5.76		1.50	1.50		5.76		3.00	3.42							

Material(s) at Station 3+900.00		
Material Name	SCAVO	RIPORTO
Area	13.66	43.74
Volume	640.83	2262.72
Cumulative Vol	111751.50	7768.40

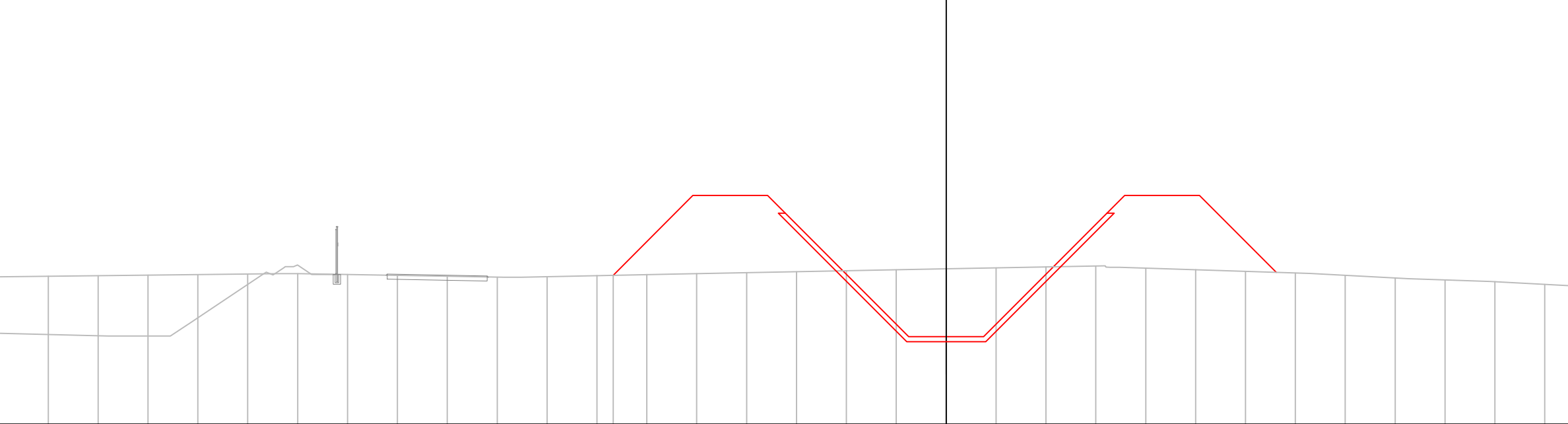
asse centrale
Sez - 80
PROGRESSIVA 3+900.00
Q.R. =248.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	253.78	253.80	253.83	253.87	253.89	253.91	253.92	253.94	253.95	253.97	253.99	254.00	254.03	254.07	254.12	254.16	254.21	254.25	254.30	254.31	254.32	254.32	254.32	254.33	254.32	254.29	254.28	254.34	254.40	254.42	254.42	254.43	254.43
QUOTE PROGETTO														254.07		257.66	257.66			251.83	251.83	251.83		257.66	257.66		254.33						
DISTANZE PARZIALI CANALE															3.59	3.00		5.83		1.50	1.50		5.83		3.00	3.33							

Material(s) at Station 3+950.00		
Material Name	SCAVO	RIPORTO
Area	15.57	36.36
Volume	730.75	2002.55
Cumulative Vol	112482.25	9770.95

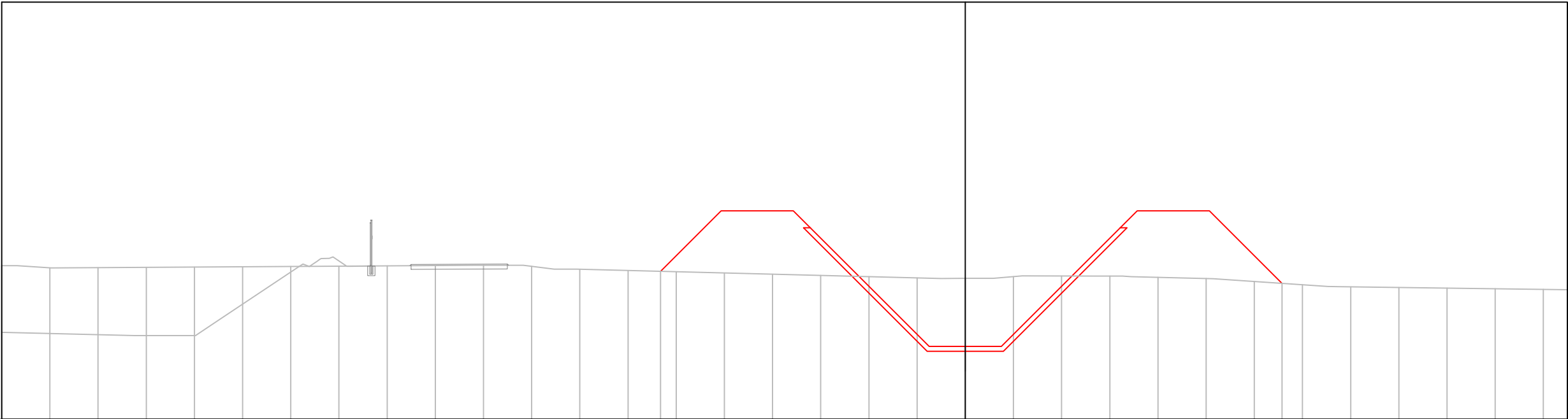
asse centrale
Sez - 81
PROGRESSIVA 3+950.00
Q.R. =248.00



PROGRESSIVE TERRENO	38.00	36.00	34.00	32.00	30.00	28.00	26.00	24.00	22.00	20.00	18.00	16.00	14.00	12.00	10.00	8.00	6.00	4.00	2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	253.90	253.92	253.94	253.97	253.99	254.01	254.02	253.99	253.95	253.92	253.89	253.90	253.95	253.99	254.03	254.07	254.11	254.14	254.18	254.22	254.26	254.29	254.33	254.25	254.18	254.12	254.05	253.96	253.85	253.78	253.71	253.60
QUOTE PROGETTO													253.96	253.99	257.16	257.16	254.11	254.14	254.18	251.50	251.50	251.50	254.29	257.16	257.16	254.12	254.08					
DISTANZE PARZIALI CANALE														3.20	3.00		5.66			1.50	1.50		5.66		3.00	3.08						

Material(s) at Station 4+000.00		
Material Name	SCAVO	RIPORTO
Area	16.87	30.98
Volume	810.98	1683.41
Cumulative Vol	113293.23	11454.36

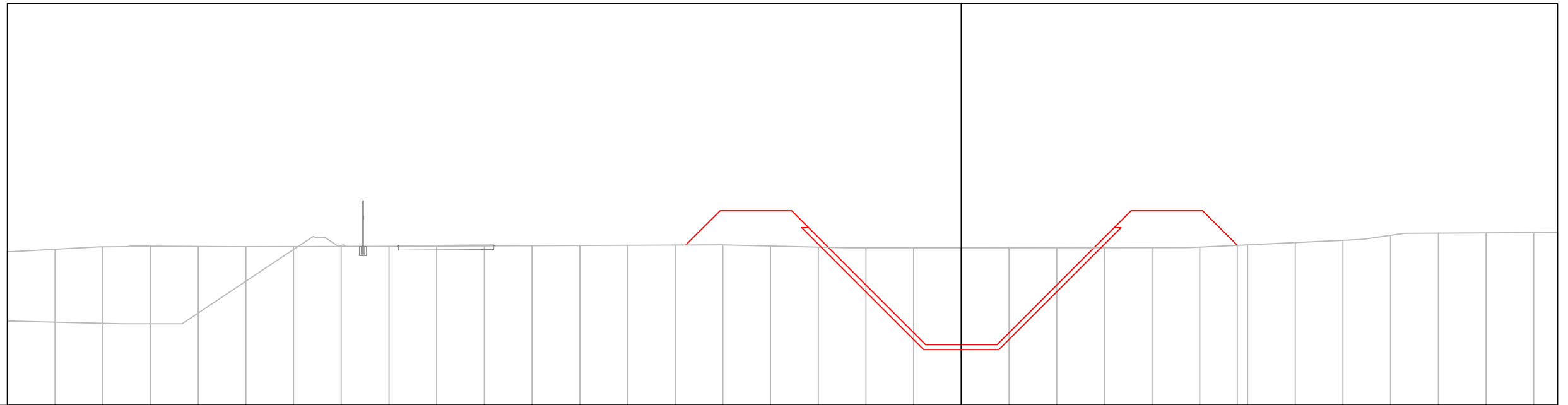
asse centrale
Sez - 82
PROGRESSIVA 4+000.00
Q.R. =248.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	254.37	254.28	254.29	254.30	254.31	254.33	254.34	254.35	254.37	254.38	254.39	254.35	254.22	254.17	254.12	254.07	254.02	253.97	253.92	253.87	253.85	253.92	253.94	253.94	253.89	253.84	253.72	253.58	253.49	253.47	253.44	253.41	253.39
QUOTE PROGETTO															254.14	256.65	256.65			251.02	251.02	251.02		256.65	256.65	253.64							
DISTANZE PARZIALI CANALE															2.52	3.00		5.64		1.50	1.50		5.64		3.00	3.01							

Material(s) at Station 4+050.00		
Material Name	SCAVO	RIPORTO
Area	28.68	13.51
Volume	1138.79	1112.81
Cumulative Vol	114432.0	112567.17

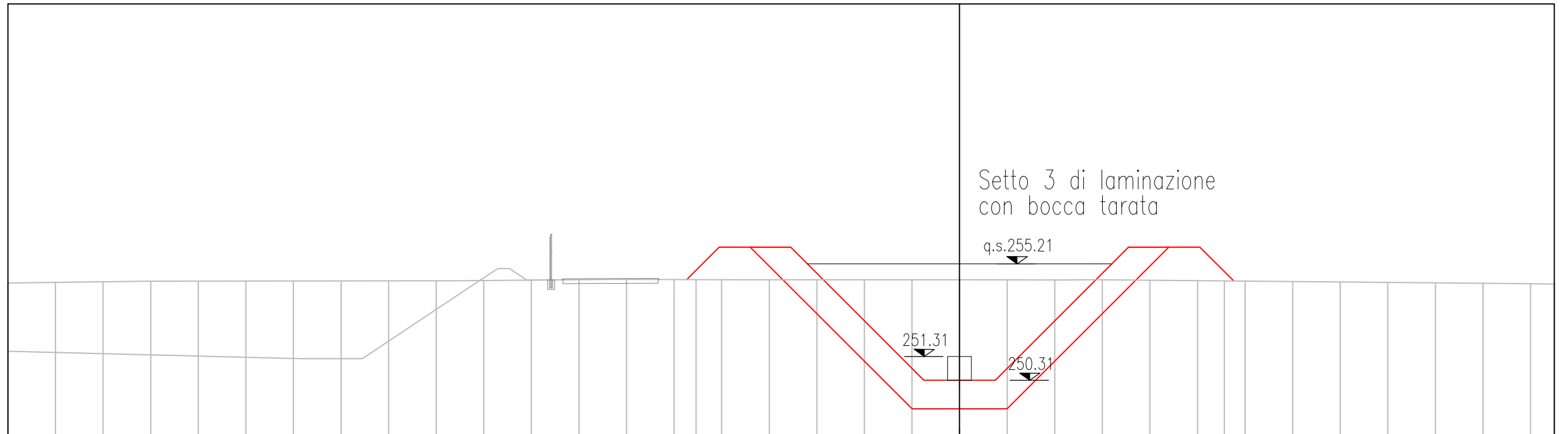
asse centrale
Sez - 83
PROGRESSIVA 4+050.00
Q.R. =248.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	254.43	254.54	254.64	254.67	254.66	254.65	254.65	254.65	254.66	254.67	254.68	254.69	254.70	254.71	254.71	254.72	254.67	254.62	254.59	254.59	254.60	254.60	254.60	254.60	254.60	254.63	254.72	254.82	254.91	255.12	255.21	255.22	255.23
QUOTE PROGETTO															254.72	256.15	256.15			250.54	250.54	250.54		256.15	256.15	254.70							
DISTANZE PARZIALI CANALE															1.43	3.00		5.62		1.50	1.50		5.62		3.00	1.45							

Material(s) at Station 4+100.00		
Material Name	SCAVO	RIPORTO
Area	30.52	9.98
Volume	1479.91	587.09
Cumulative Vol	115911.92	13154.26

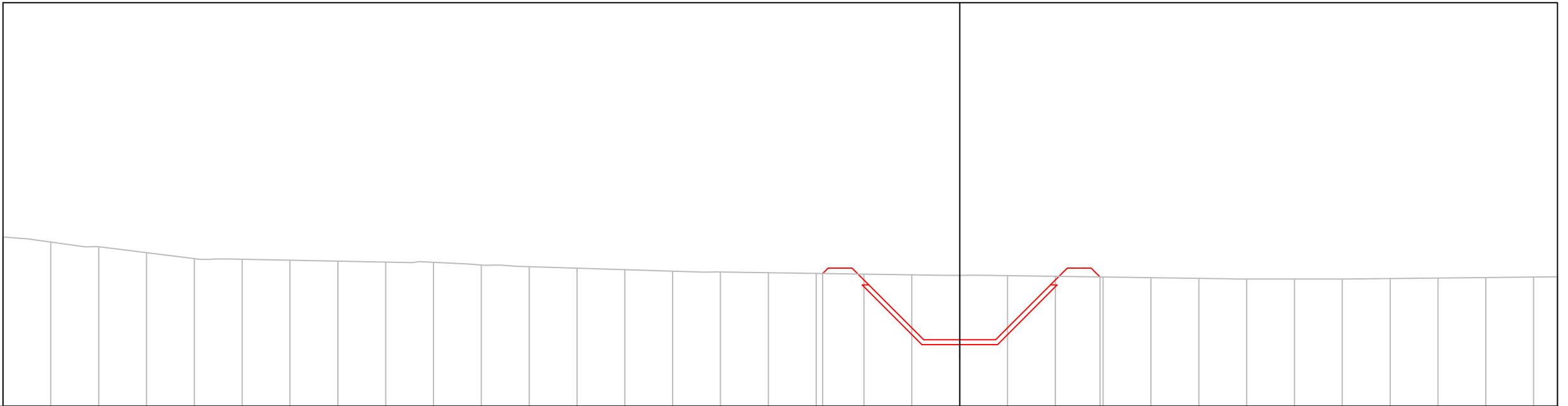
asse centrale
Sez - 84
PROGRESSIVA 4+100.00
Q.R. =248.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	
QUOTE TERRENO	254.41	254.43	254.46	254.49	254.49	254.49	254.49	254.49	254.50	254.50	254.51	254.53	254.54	254.56	254.55	254.54	254.54	254.54	254.54	254.54	254.54	254.54	254.54	254.54	254.54	254.52	254.50	254.48	254.47	254.45	254.43	254.41	254.39	254.38
QUOTE PROGETTO															254.55	255.91	255.91				250.31	250.31	250.31		255.91	255.91	254.49							
DISTANZE PARZIALI CANALE															1.37	3.00	5.60				1.50	1.50	5.60		3.00	1.43								

Material(s) at Station 4+300.00		
Material Name	SCAVO	RIPORTO
Area	15.38	0.79
Volume	1284.30	19.69
Cumulative Vol	122260.58	13423.36

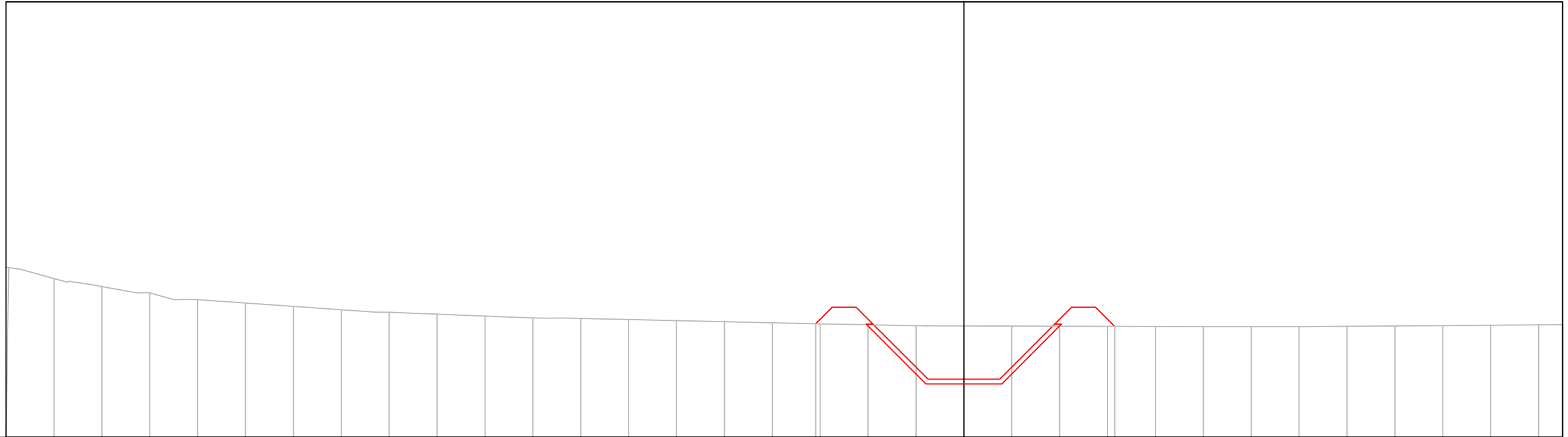
asse centrale
Sez - 88
PROGRESSIVA 4+300.00
Q.R. =238.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
QUOTE TERRENO	245.08	244.86	244.66	244.42	244.17	244.14	244.10	244.06	244.02	244.01	243.90	243.83	243.77	243.71	243.64	243.61	243.58	243.55	243.52	243.49	243.47	243.45	243.43	243.40	243.37	243.34	243.32	243.32	243.32	243.34	243.36	243.38	243.40
QUOTE PROGETTO																		243.55	243.77	243.77	240.77	240.77	240.77	243.77	243.77	243.40							
DISTANZE PARZIALI CANALE																		0.23	1.00	3.00	1.50	1.50	3.00	1.00	0.37								

Material(s) at Station 4+350.00		
Material Name	SCAVO	RIPORTO
Area	11.60	2.66
Volume	674.27	87.32
Cumulative Vol	122934.86	13510.68

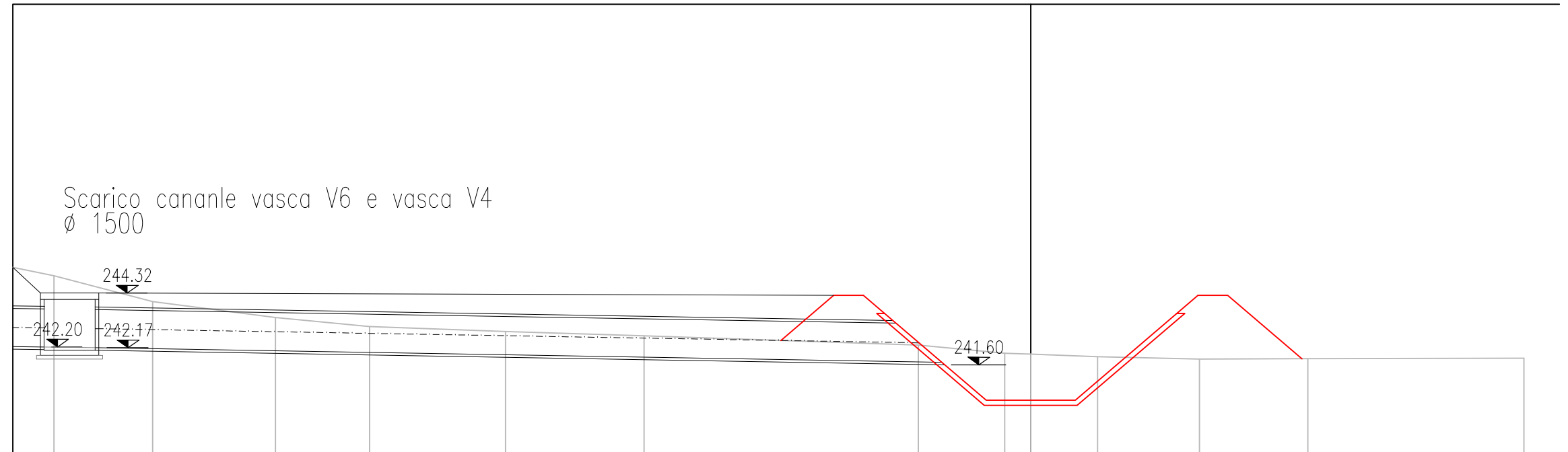
asse centrale
Sez - 89
PROGRESSIVA 4+350.00
Q.R. =238.00



PROGRESSIVE TERRENO	40.00	-38.00	-36.00	-34.00	-32.00	-30.00	-28.00	-26.00	-24.00	-22.00	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	
QUOTE TERRENO	245.09	244.61	244.28	244.02	243.73	243.59	243.45	243.31	243.20	243.12	243.04	242.96	242.95	242.90	242.86	242.81	242.77	242.73	242.69	242.65	242.63	242.63	242.62	242.61	242.61	242.60	242.60	242.60	242.60	242.62	242.63	242.65	242.67	242.68
QUOTE PROGETTO																			242.73	243.42	243.42		240.42	240.42	240.42		243.42	243.42	242.61					
DISTANZE PARZIALI CANALE																			0.69	1.00	3.00	1.50	1.50	3.00		1.00	0.80							

Material(s) at Station 4+384.64		
Material Name	SCAVO	RIPORTO
Area	11.30	3.60
Volume	152.87	139.99
Cumulative Vol	123087.73	13650.85

asse centrale
Sez - 89bis
PROGRESSIVA 4+384.64
Q.R. =238.00



PROGRESSIVE TERRENO	-38.38	-34.51	-29.68	-25.99	-20.64	-15.20	-4.41	-1.02	0.00	-2.63	-6.63	-10.89	-19.38		
QUOTE TERRENO	-245.00	-243.98	-243.36	-243.00	-242.81	-242.63	-242.27	-241.95	-241.91	-241.81	-241.72	-241.74	-241.76		
QUOTE PROGETTO							242.45	244.23	244.23	240.10	240.10	240.10	244.23	244.23	241.74
DISTANZE PARZIALI CANALE							2.10	1.17	4.82	1.75	1.75	4.82	1.17	2.92	

