MINISTERO DELLE INFRASTRUTTURE E DEI TRASPORTI
REGIONE EMILIA ROMAGNA

FERROVIE EMILIA ROMAGNA

FERROVIE EMILIA ROMAGNA s.r.l.

LINEA SFM2 - BOLOGNA-PORTOMAGGIORE

ADEGUAMENTO DELLA PROGETTAZIONE DEFINITIVA E COORDINAMENTO PER SICUREZZA IN FASE DI PROGETTAZIONE (D.LGS. 81/2008) PER LA REALIZZAZIONE DEL COMPLETAMENTO DELL'INTERRAMENTO DELLA TRATTA URBANA DI BOLOGNA E PROGETTO DI FATTIBILITÀ TECNICA ED ECONOMICA DI CUI ALL'ART. 23 C.5 DEL D.LGS. 50/2016, RELATIVO AL RADDOPPIO DEL BINARIO TRA LA FERMATA DI BOLOGNA-VIA LARGA E LA STAZIONE DI BUDRIO. (CIG 754332765C)

PROGETTO DEFINITIVO

OPERE CIVILI: TRACCIATO, GALLERIE E TRINCEE DI LINEA E MANUFATTI
TRACCIATO
TRATTA VIA CELLINI / VIA LARGA - SEZIONI TRASVERSALI

AGGIORNAMENTI

REV.	DESCRIZIONE	DATA	REDATTO	CONTROL.	APPROV.	VISTO
0	Emissione Finale	31-10-19	RMZ	TTH	SEA	VFE
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

IL PROGETTISTA

MANDATARIA:

GEODATA ENGINEERING

NET ENGINEERING

SITECO ENGENEERING COMPANY

Responsabile del progetto e dell'integrazione fra le prestazioni specialistiche:

Ing.Vincenza Floria
Ordine degli Ingegneri della Provincia di Torino, n. 8042
(Firmato digitalmente)

Il Progettista:

Ing. Simone Eandi
Ordine degli Ingegneri della Provincia di Cuneo, n. 1418/A
(Firmato digitalmente)

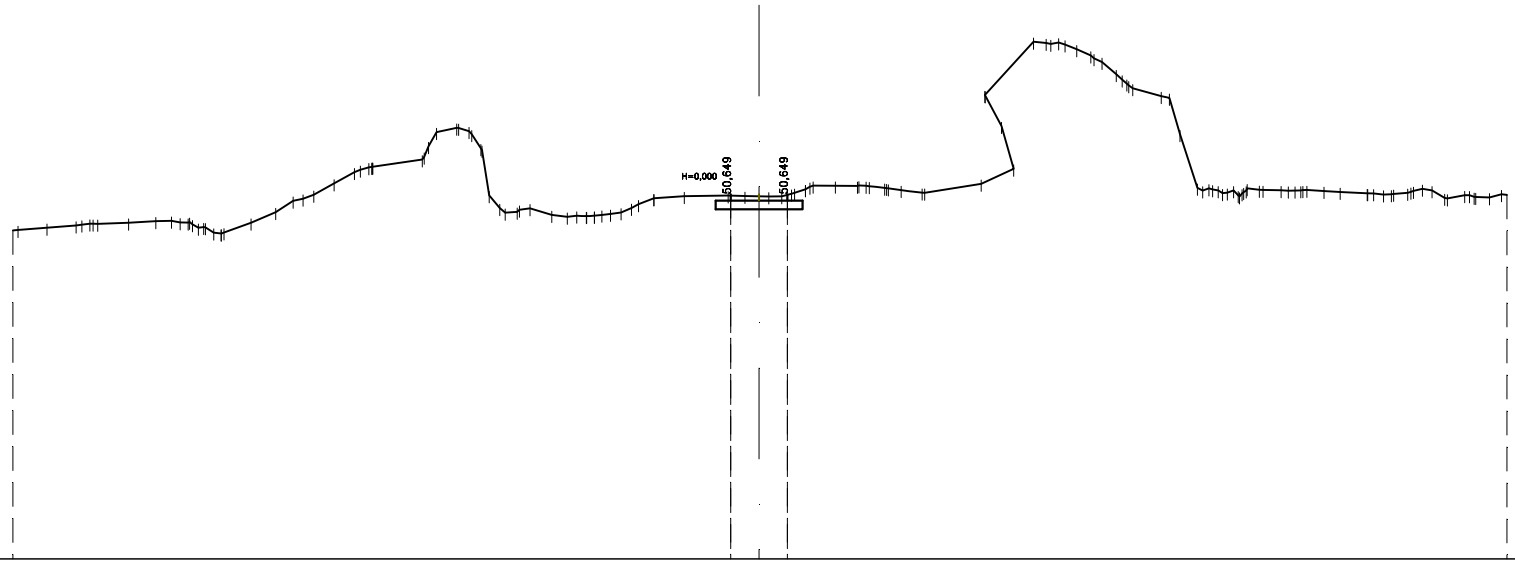
CONCESSIONARIA

Il Responsabile Unico del Procedimento:

Ing.Fabrizio Maccari
(Firmato digitalmente)

CARTELLA	SCALA	DATA	DIS.N.		REV.
3.1	1:200	31-10-19	FER_BP_D_T2	TRC_GEN_S_004	0

SEZIONE N°: 1
QT. PROG.: 50,649
Progr. km: 4+000,000
Dist. succ.: 10,550



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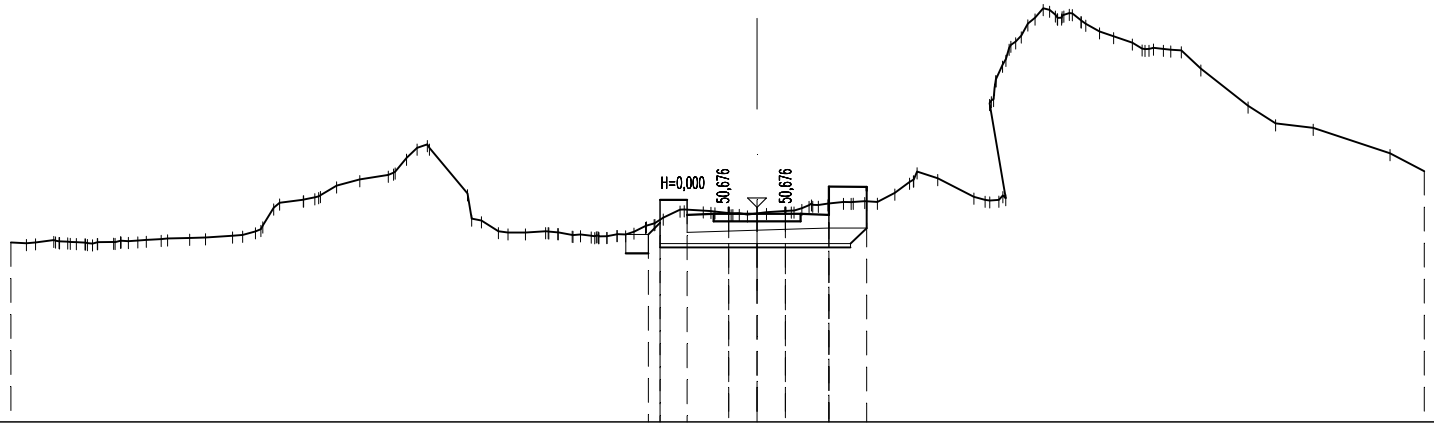
Qt. rif. 41,000

Quote Progetto	
Quote Terreno	49,69 49,76 49,82 49,87 49,90 49,94 49,90 49,78 49,64 49,89 50,17 50,53 50,93 51,23 51,37 51,57 52,41 51,87 50,16 50,28 50,10 50,08 50,11 50,17 50,54 50,60 50,62 50,60 50,59 50,78 50,87 50,87 50,82 50,69 50,69 50,92 52,45 54,68 54,66 54,32 53,82 53,45 53,25 50,82 50,75 50,62 50,77 50,75 50,75 50,73 50,71 50,67 50,65 50,71 50,75 50,62 50,56 50,63
Distanze Progetto	-0,75 0,75
Distanze Terreno	-19,75 -18,84 -18,07 -17,50 -16,68 -15,96 -15,32 -14,69 -14,16 -13,44 -12,79 -12,07 -11,25 -10,71 -10,22 -8,91 -8,00 -7,36 -6,72 -6,06 -5,49 -4,82 -4,16 -3,65 -2,78 -1,98 -0,82 0,00 0,60 1,23 2,02 2,60 3,32 4,32 4,38 5,88 6,42 7,26 7,93 8,78 9,45 9,89 10,64 11,60 12,15 12,68 13,24 13,81 14,34 14,95 15,38 16,09 16,73 17,25 17,81 18,67 19,33 19,79

SCAVI E BONIFICHE	
SCAVO	5,38 m^2
SOVRASTRUTTURA	
BALLAST	1,145 m^2
STRATO DI CLS Rck 30	2,493 m^2
CLS MARCIAPIEDE DX	1,093 m^2
MAGRONE	0,504 m^2

SEZIONE N°: 2
QT. PROG.: 50,676
Progr. km: 4+010,550
Dist. prec.: 10,550
Dist. succ.: 39,450



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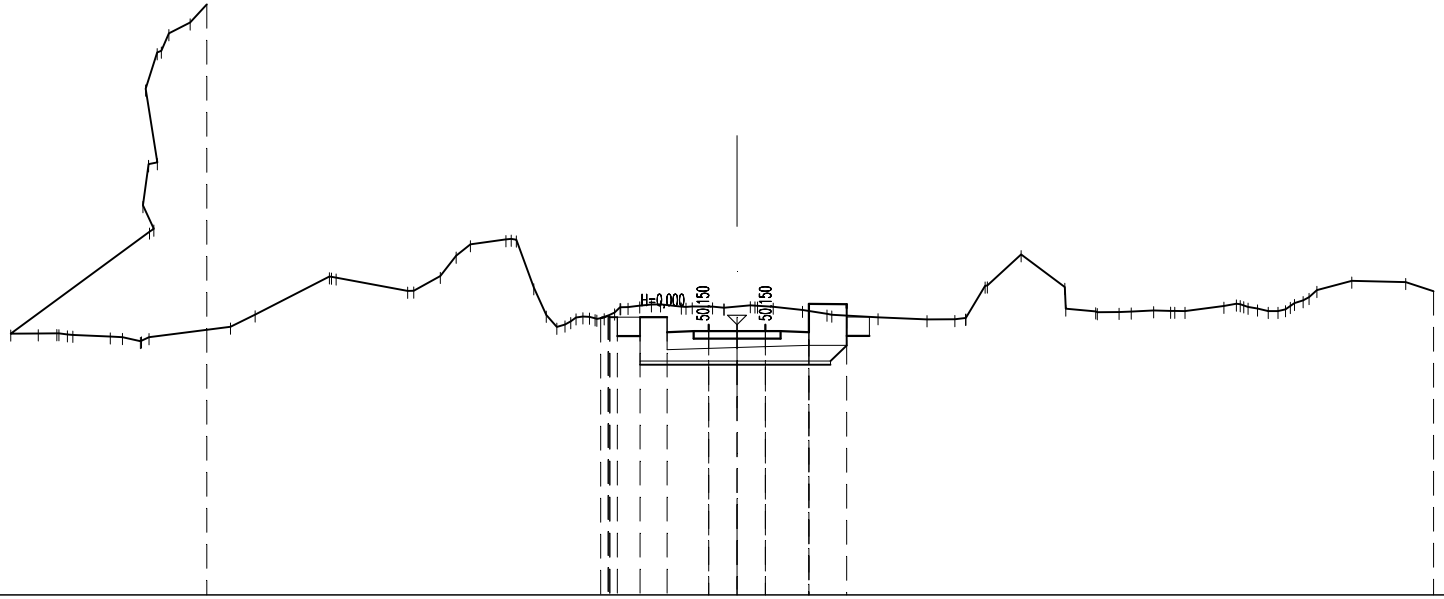
Qt. rif. 45,000

Quote Progetto	50,88 50,88 50,48 51,22
Quote Terreno	49,75 49,75 49,80 49,75 49,75 49,79 49,81 49,85 49,87 49,88 49,93 50,04 50,80 50,88 51,25 51,42 51,54 52,25 52,25 51,04 50,04 50,01 50,04 49,95 49,93 49,97 50,18 50,61 50,59 50,52 50,52 50,59 50,78 50,82 50,84 51,06 51,62 51,45 50,96 53,54 55,06 55,69 55,77 55,62 55,20 54,88 54,87 54,35 53,37 52,90 52,78 52,11 51,63
Distanze Progetto	-2,57 -1,85 -0,75 0,75 1,90 2,90
Distanze Terreno	-19,75 -19,09 -18,56 -18,01 -17,46 -16,84 -16,16 -15,60 -15,01 -14,60 -13,88 -13,27 -12,64 -12,01 -11,13 -10,51 -9,76 -9,00 -8,67 -7,66 -6,84 -6,13 -5,59 -4,89 -4,39 -3,71 -2,95 -2,04 -1,42 -0,69 0,00 0,90 1,44 2,29 2,85 3,65 4,24 4,78 5,74 6,26 6,84 7,36 7,89 8,57 9,44 10,19 10,75 11,74 12,99 13,72 14,72 16,75 17,66

SCAVI E BONIFICHE	
SCAVO	8,08 m^2
SOVRASTRUTTURA	
BALLAST	1,145 m^2
STRATO DI CLS Rck 30	2,493 m^2
CLS MARCIAPIEDE DX	1,092 m^2
MAGRONE	0,504 m^2

SEZIONE N°: 3
QT. PROG.: 50,150
Progr. km: 4+050,000
Dist. prec.: 39,450
Dist. succ.: 29,900



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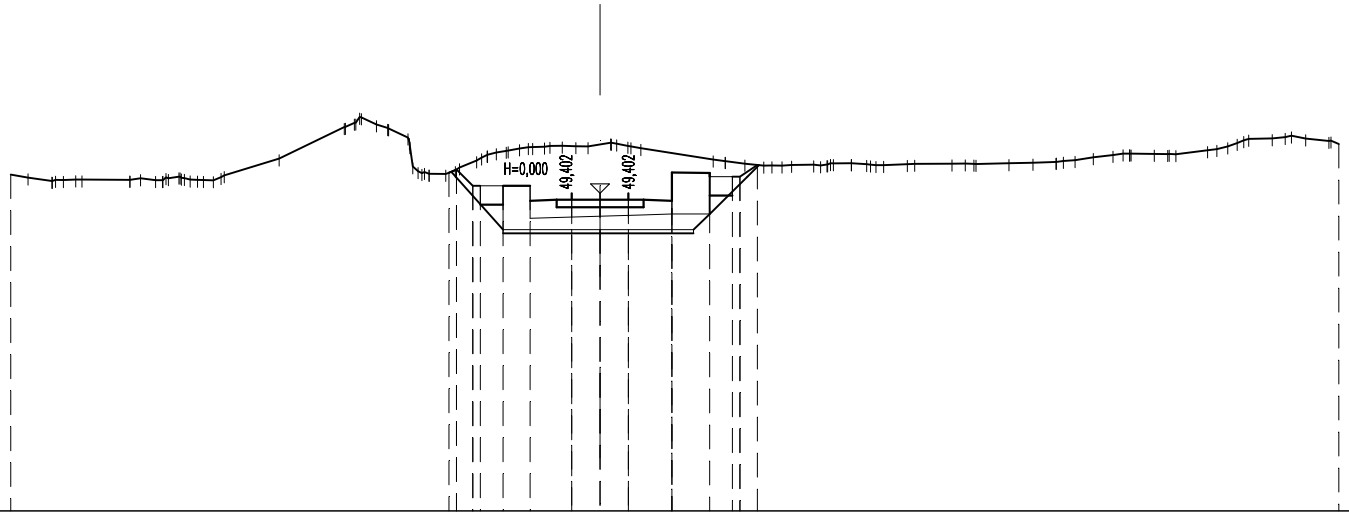
Qt. rif. 43,000

Quote Progetto	50,35 50,35 49,95 50,69
Quote Terreno	49,91 49,92 49,92 49,88 49,84 49,71 57,40 58,14 58,63 50,09 50,42 51,42 51,39 51,04 51,44 52,27 52,41 51,14 50,09 50,34 50,32 50,47 50,65 50,69 50,63 50,63 50,66 50,62 50,54 50,44 50,41 50,34 50,29 50,30 51,18 52,01 51,15 50,50 50,49 50,53 50,51 50,51 50,65 50,66 50,51 50,64 51,07 51,31 51,27 51,03
Distanze Progetto	-2,57 -1,85 -0,75 0,75 1,90 2,90
Distanze Terreno	-19,22 -18,49 -17,95 -17,57 -16,59 -15,79 -15,24 -14,47 -14,03 -13,40 -12,75 -10,79 -10,61 -8,72 -7,85 -7,06 -6,12 -5,38 -4,77 -4,26 -3,76 -3,24 -2,57 -2,02 -1,47 -0,65 0,35 0,96 1,73 2,38 2,51 3,73 5,03 5,76 6,57 7,52 8,67 9,49 10,11 11,03 11,58 11,85 12,88 13,41 14,06 14,64 15,34 16,27 17,69 18,43

SCAVI E BONIFICHE	
SCAVO	14,53 m^2
SOVRASTRUTTURA	
BALLAST	1,145 m^2
STRATO DI CLS Rck 30	2,493 m^2
CLS MARCIAPIEDE DX	1,093 m^2
MAGRONE	0,504 m^2

SEZIONE N°: 4a
QT. PROG.: 49,402
Progr. km: 4+079,900
Dist. prec.: 29,900
Dist. succ.: 0,100



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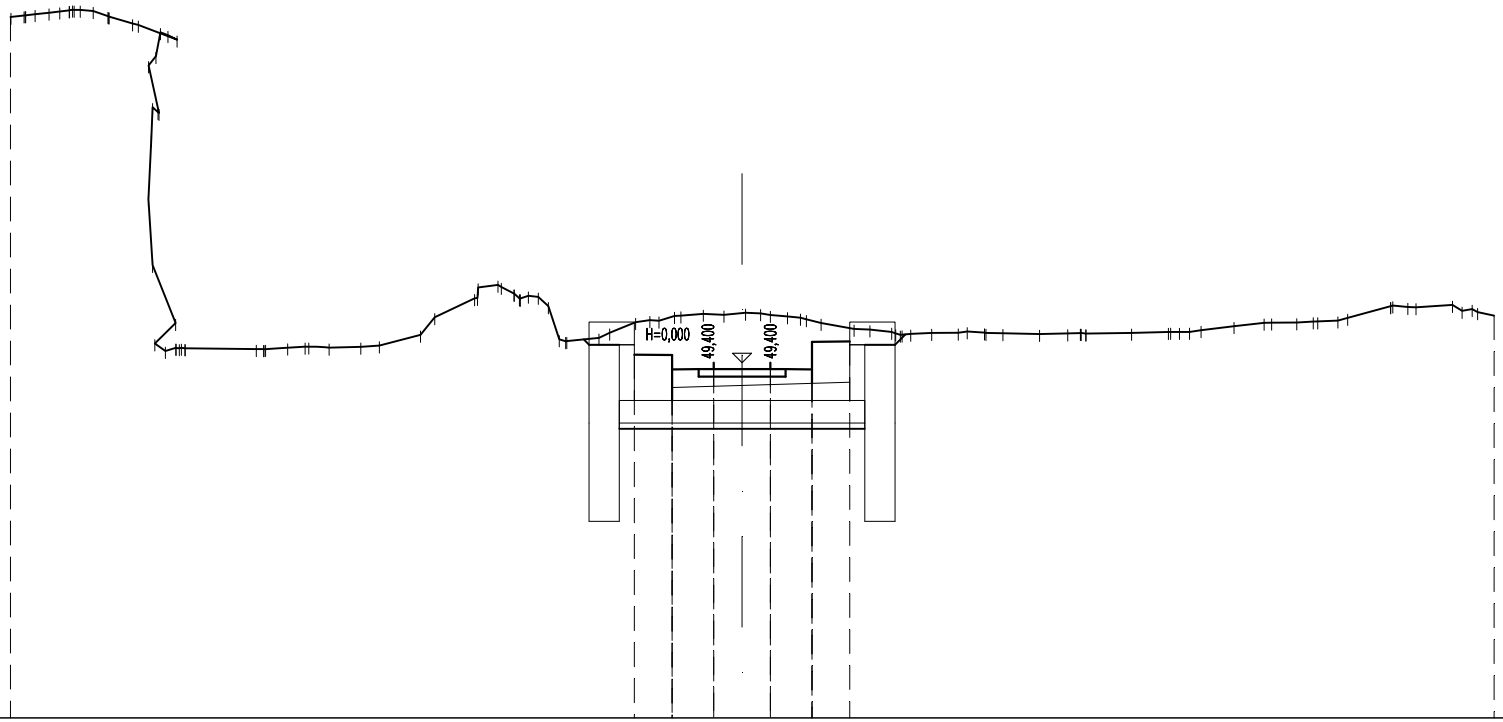
Qt. rif. 41,000

Quote Progetto	49,60 49,60 49,20 49,94
Quote Terreno	49,90 49,82 49,73 49,77 49,77 49,76 49,75 49,84 49,75 49,88 50,32 51,15 51,22 50,88 49,92 50,01 50,27 50,48 50,59 50,63 50,65 50,70 50,66 50,60 50,30 50,18 50,14 50,15 50,16 50,20 50,18 50,15 50,17 50,18 50,19 50,18 50,20 50,21 50,23 50,28 50,36 50,42 50,45 50,45 50,44 50,54 50,64 50,84 50,86 50,93 50,79 50,71
Distanze Progetto	-2,57 -1,85 -0,75 0,75 1,90 2,90
Distanze Terreno	-15,59 -15,14 -14,51 -13,88 -13,71 -12,44 -11,76 -11,14 -10,49 -9,95 -8,49 -6,77 -5,92 -5,08 -4,53 -3,83 -3,27 -2,74 -2,13 -1,47 -0,64 0,00 0,73 1,08 2,99 3,83 4,55 5,07 5,65 6,17 7,06 7,50 8,13 8,33 9,31 9,89 10,82 11,46 12,06 12,57 13,05 13,57 14,05 14,67 15,24 16,08 16,61 17,17 17,79 18,30 19,29 19,55

SCAVI E BONIFICHE	
SCAVO	19,45 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 4
QT. PROG.: 49,400
Progr. km: 4+080,000
Dist. prec.: 0,100
Dist. succ.: 20,000



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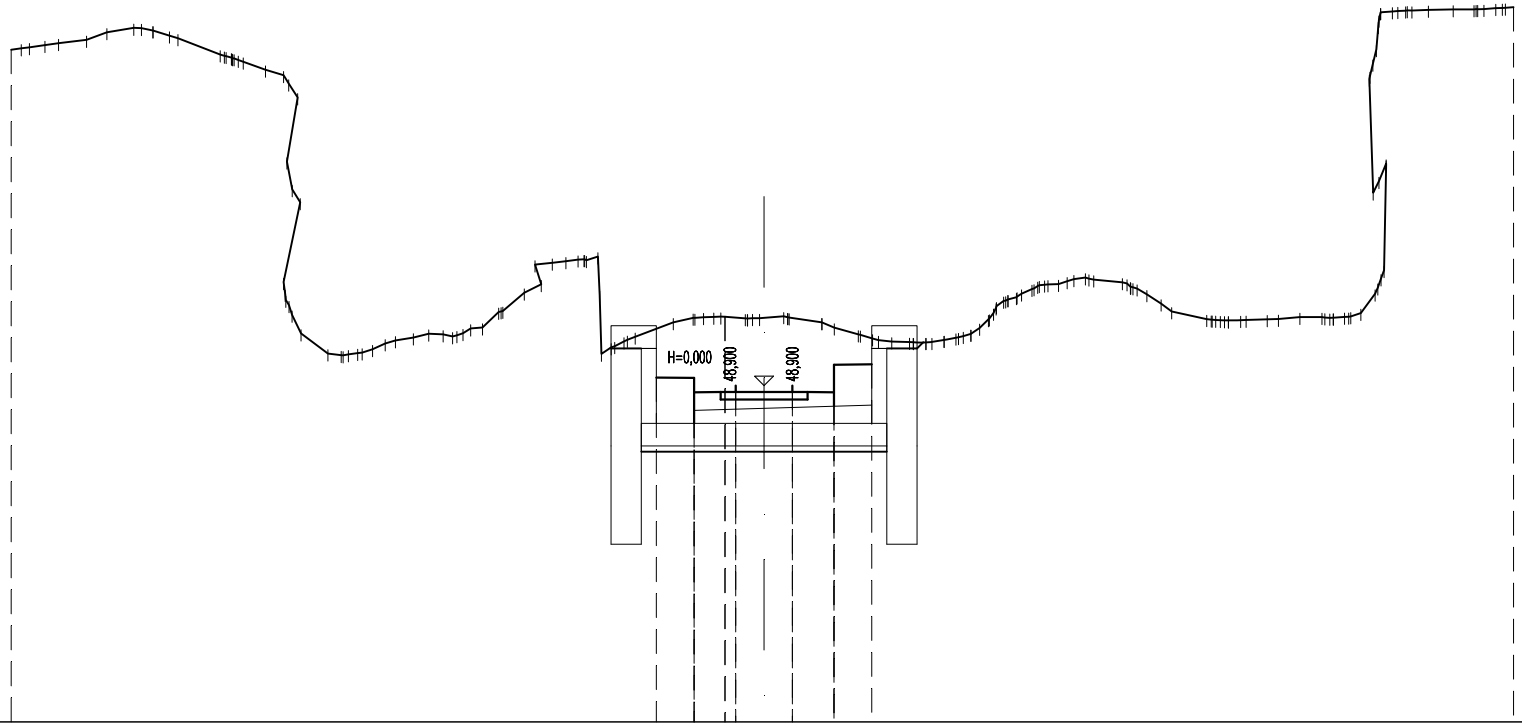
Qt. rif. 40,000

Quote Progetto	49,61 48,40 49,60 48,85 49,95 49,96
Quote Terreno	58,54 58,62 58,69 58,73 58,57 58,37 51,98 50,45 49,78 49,76 49,80 49,82 49,79 49,82 49,85 50,14 50,60 51,10 51,46 51,10 50,89 49,97 50,06 50,47 50,51 50,64 50,69 50,67 50,72 50,66 50,59 50,45 50,29 50,21 50,16 50,18 50,19 50,19 50,18 50,16 50,17 50,17 50,19 50,21 50,21 50,26 50,37 50,45 50,46 50,49 50,51 50,58 50,89 50,86 50,93 50,82 50,64
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,36 -18,71 -18,06 -17,51 -16,78 -16,13 -15,60 -14,99 -14,73 -12,85 -12,03 -11,47 -10,93 -10,09 -9,60 -8,51 -8,13 -7,08 -6,46 -5,89 -5,12 -4,64 -3,79 -2,82 -2,20 -1,62 -1,02 -0,48 0,09 0,75 1,55 2,09 2,96 3,96 4,46 5,02 5,72 6,42 6,90 7,87 8,62 9,10 10,31 11,28 11,84 12,15 13,02 13,81 14,68 15,24 15,77 16,03 17,16 17,83 18,80 19,32 19,90

SCAVI E BONIFICHE	
SCAVO	22,35 m^2
SOVRASTRUTTURA	
BALLAST	1,140 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 5
QT. PROG.: 48,900
Progr. km: 4+100,000
Dist. prec.: 20,000
Dist. succ.: 50,000



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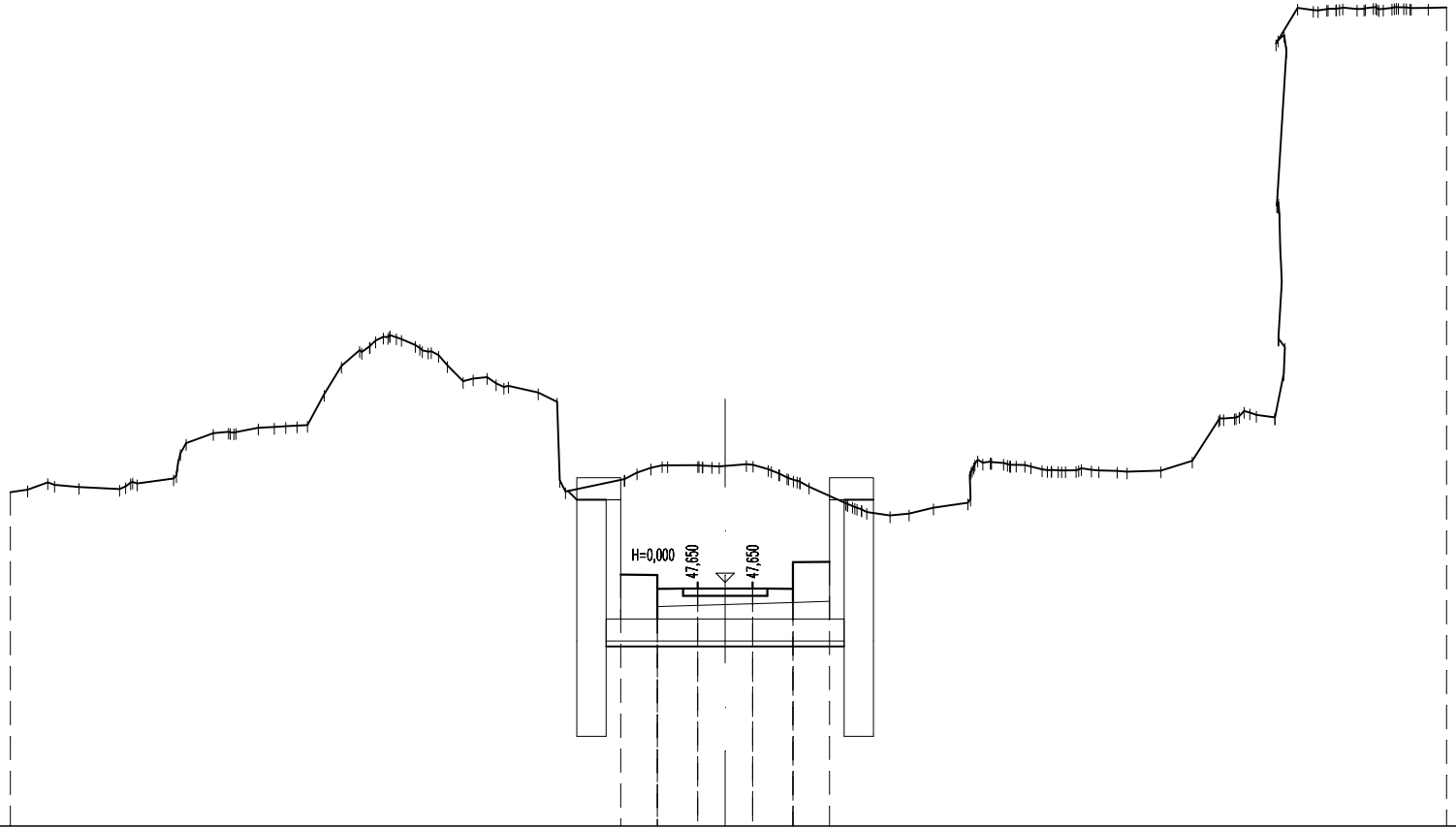
Qt. rif. 40,000

Quote Progetto	49,11 47,90 49,10 48,35 49,45 49,46
Quote Terreno	57,78 57,91 57,96 58,04 58,24 58,36 58,29 58,09 57,66 57,47 57,25 51,32 50,28 49,75 49,72 49,86 50,09 50,27 50,20 50,43 50,87 51,35 52,15 52,23 52,31 50,07 50,19 50,57 50,69 50,72 50,68 50,69 50,73 50,70 50,57 50,25 50,10 50,05 50,05 50,17 50,42 51,14 51,45 51,58 51,76 51,63 51,31 50,86 50,66 50,62 50,63 50,65 50,71 50,71 50,72 57,01 58,80 58,82 58,84 58,85 58,85 58,89 58,91
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,92 -19,03 -18,67 -17,93 -17,39 -16,68 -16,17 -15,51 -14,39 -13,78 -13,19 -12,67 -12,25 -11,54 -11,00 -10,36 -9,75 -8,87 -8,24 -7,45 -6,91 -6,35 -5,60 -4,92 -4,40 -3,71 -3,41 -2,40 -1,88 -1,33 -0,50 0,00 0,52 0,66 1,53 2,49 3,03 3,85 4,44 5,08 5,70 6,34 7,09 7,79 8,50 9,48 10,13 10,78 11,71 12,28 12,76 13,32 14,18 14,76 15,36 16,02 16,62 17,15 17,58 18,24 18,79 19,36 19,83

SCAVI E BONIFICHE	
SCAVO	30,92 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 6
QT. PROG.: 47,650
Progr. km: 4+150,000
Dist. prec.: 50,000
Dist. succ.: 50,000



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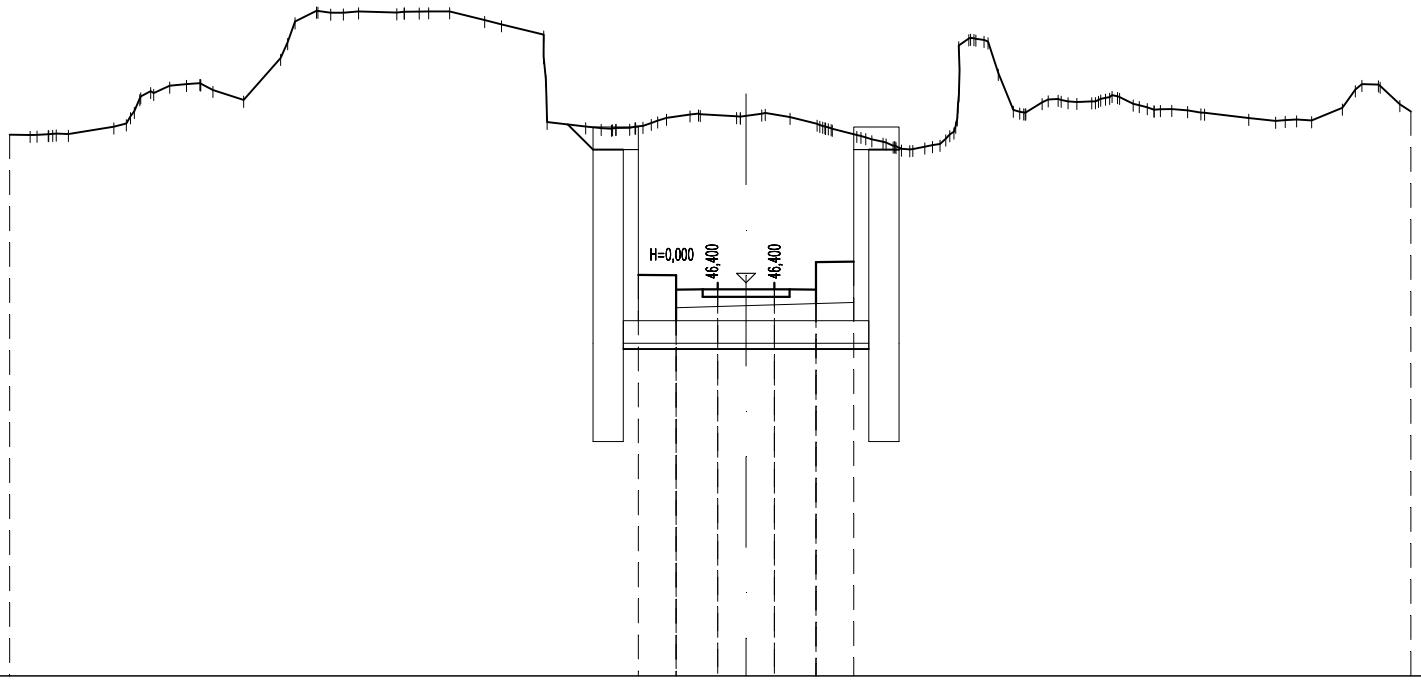
Qt. rif. 41,000

Quote Progetto	47,86 46,65 47,85 47,10 48,20 48,21
Quote Terreno	50,11 50,18 50,38 50,25 50,20 50,35 50,48 51,45 51,72 51,74 51,87 51,91 51,94 53,55 53,94 54,35 54,12 53,85 53,14 53,25 53,01 52,83 52,57 50,13 50,46 50,78 50,84 50,85 50,82 50,87 50,74 50,51 50,26 49,81 49,57 49,47 49,52 49,69 49,82 50,94 50,85 50,81 50,72 50,71 50,70 50,67 50,70 50,97 52,08 52,19 52,15 63,32 63,26 63,31 63,29 63,34 63,34 63,32 63,34
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,51 -19,04 -18,49 -17,64 -16,53 -16,05 -15,06 -14,71 -13,97 -13,41 -12,74 -11,99 -11,40 -10,47 -9,92 -9,33 -8,46 -7,82 -7,15 -6,50 -5,92 -5,10 -4,59 -4,36 -2,75 -2,03 -1,57 -0,75 -0,16 0,58 1,18 1,69 2,29 3,29 3,87 4,50 5,02 5,69 6,63 7,24 7,77 8,35 8,91 9,58 10,20 10,97 11,90 12,75 13,47 14,03 15,00 15,63 16,19 16,69 17,25 17,76 18,27 19,19 19,69

SCAVI E BONIFICHE	
SCAVO	40,04 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 7
QT. PROG.: 46,400
Progr. km: 4+200,000
Dist. prec.: 50,000
Dist. succ.: 50,000



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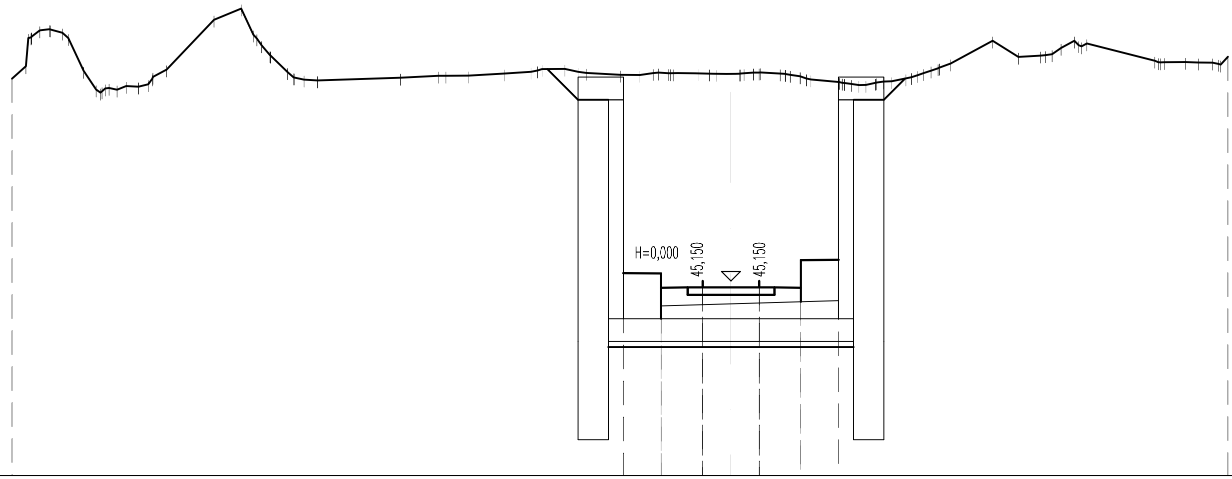
Qt. rif. 36,000

Quote Progetto	46,61 45,40 46,60 45,85 46,95 46,96
Quote Terreno	50,32 50,31 50,34 50,34 50,53 50,94 51,42 51,66 51,50 51,24 52,35 53,60 53,55 53,58 53,55 53,57 53,58 53,35 53,24 52,39 50,65 50,54 50,47 50,53 50,69 50,85 50,86 50,81 50,87 50,79 50,61 50,47 50,31 50,13 49,93 50,04 50,40 52,87 51,95 50,93 51,18 51,24 51,20 51,37 51,14 50,98 50,96 50,90 50,76 50,68 50,72 50,70 51,03 51,66 51,61 51,12 50,93
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,49 -18,94 -18,35 -17,93 -16,73 -16,19 -15,68 -14,81 -14,11 -13,29 -12,32 -11,37 -10,65 -10,26 -9,24 -8,65 -7,84 -6,92 -6,47 -5,36 -5,26 -4,24 -3,56 -2,94 -2,34 -1,48 -1,21 -0,25 0,42 1,16 1,88 2,28 2,93 3,62 4,33 4,93 5,50 6,03 6,67 7,24 7,83 8,34 9,15 9,68 10,25 10,79 11,69 12,13 13,30 14,01 14,57 14,97 15,78 16,29 16,78 17,30 17,59

SCAVI E BONIFICHE	
SCAVO	48,10 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 8
QT. PROG.: 45,150
Progr. km: 4+250,000
Dist. prec.: 50,000
Dist. succ.: 38,716



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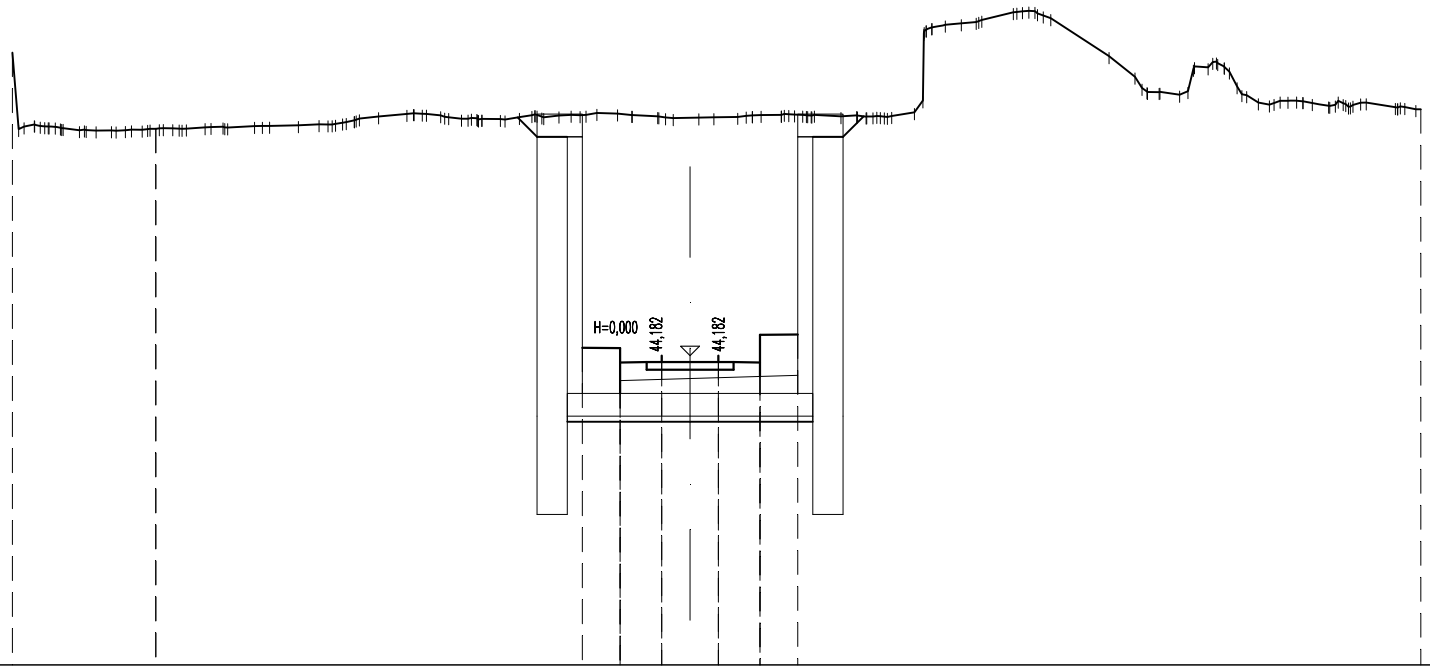
Qt. rif. 40,000

Quote Progetto	45,36 44,15 45,35 44,60 45,70 45,71
Quote Terreno	50,50 51,59 51,80 50,71 50,24 50,31 50,36 50,74 52,06 52,36 51,38 50,68 50,46 50,46 50,53 50,58 50,59 50,64 50,69 50,76 50,66 50,60 50,60 50,65 50,65 50,63 50,66 50,64 50,57 50,48 50,42 50,34 50,43 50,51 50,72 50,90 51,51 51,08 51,11 51,32 51,36 51,44 50,98 50,94 50,93 51,08
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,04 -18,53 -18,02 -17,14 -16,57 -16,01 -15,43 -14,94 -13,69 -12,97 -12,42 -11,74 -10,95 -10,94 -8,75 -7,75 -6,96 -6,01 -5,29 -4,40 -3,83 -2,92 -2,41 -1,65 -0,85 0,00 0,60 1,31 1,83 2,12 2,86 3,39 4,04 4,63 5,30 5,82 6,93 7,61 8,19 8,74 9,28 9,42 11,22 12,03 12,75 13,16

SCAVI E BONIFICHE	
SCAVO	53,85 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 9
QT. PROG.: 44,182
Progr. km: 4+288,716
Dist. prec.: 38,716
Dist. succ.: 10,884



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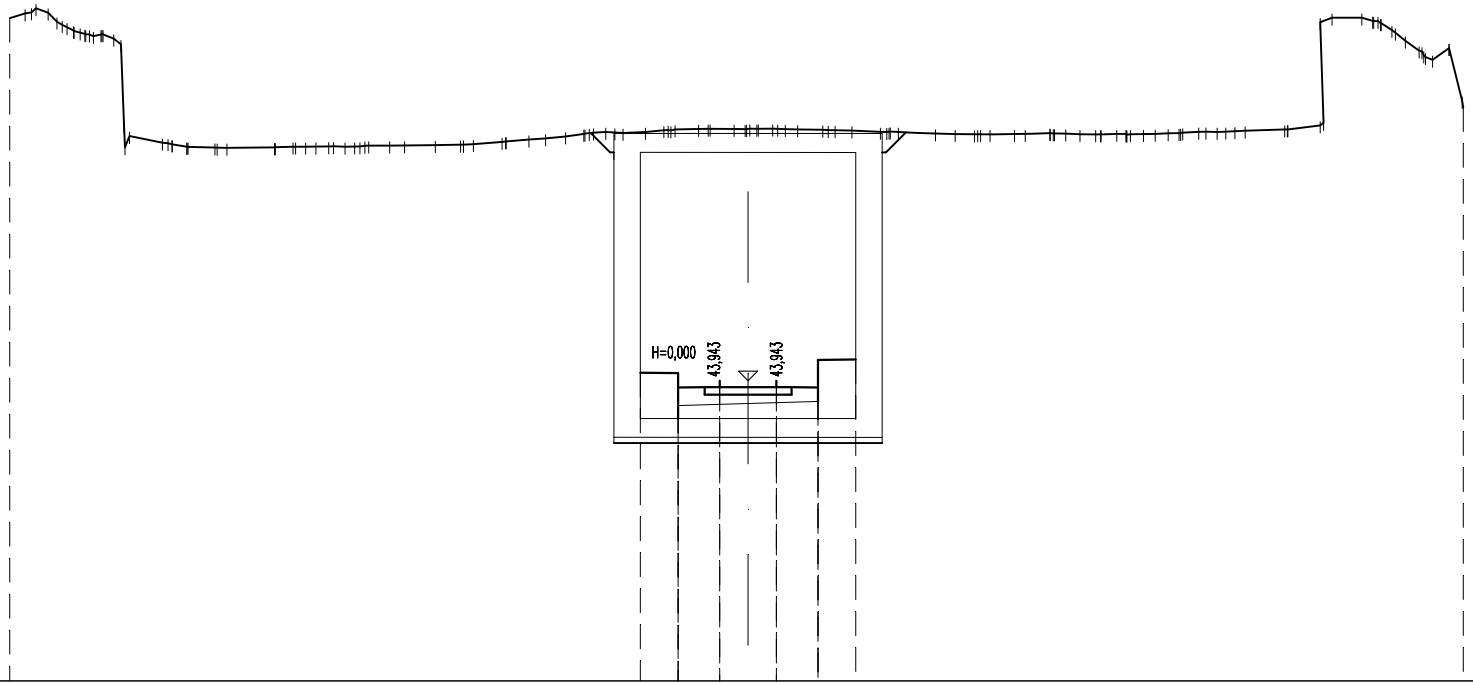
Qt. rif. 36,000

Quote Progetto	44,39 43,18 44,38 43,63 44,73 44,74
Quote Terreno	52,20 50,30 50,24 50,14 50,14 50,16 50,18 50,19 50,22 50,22 50,26 50,26 50,28 50,30 50,35 50,51 50,58 50,58 50,49 50,45 50,44 50,49 50,50 50,55 50,60 50,59 50,55 50,52 50,48 50,49 50,50 50,55 50,55 50,55 50,55 50,52 50,51 50,50 50,62 52,94 53,01 53,27 53,30 53,11 52,11 51,56 51,15 51,08 51,81 51,70 50,88 50,92 50,91 50,80 50,77 50,88 50,76 50,70 50,70
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-17,93 -17,35 -16,79 -16,16 -15,31 -14,78 -14,14 -13,52 -12,83 -12,31 -11,52 -11,13 -10,36 -9,82 -9,19 -8,24 -7,49 -6,98 -6,39 -5,87 -5,02 -4,51 -3,92 -3,15 -2,46 -1,92 -1,53 -0,86 0,00 0,63 1,26 1,88 2,41 2,98 3,29 3,99 4,66 5,22 5,94 6,76 7,57 8,55 9,13 9,55 11,09 11,78 12,41 12,96 13,71 14,27 15,04 15,62 16,22 16,90 17,42 17,89 18,67 19,21 19,34

SCAVI E BONIFICHE	
SCAVO	55,63 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 10
QT. PROG.: 43,943
Progr. km: 4+299,600
Dist. prec.: 10,884
Dist. succ.: 5,535



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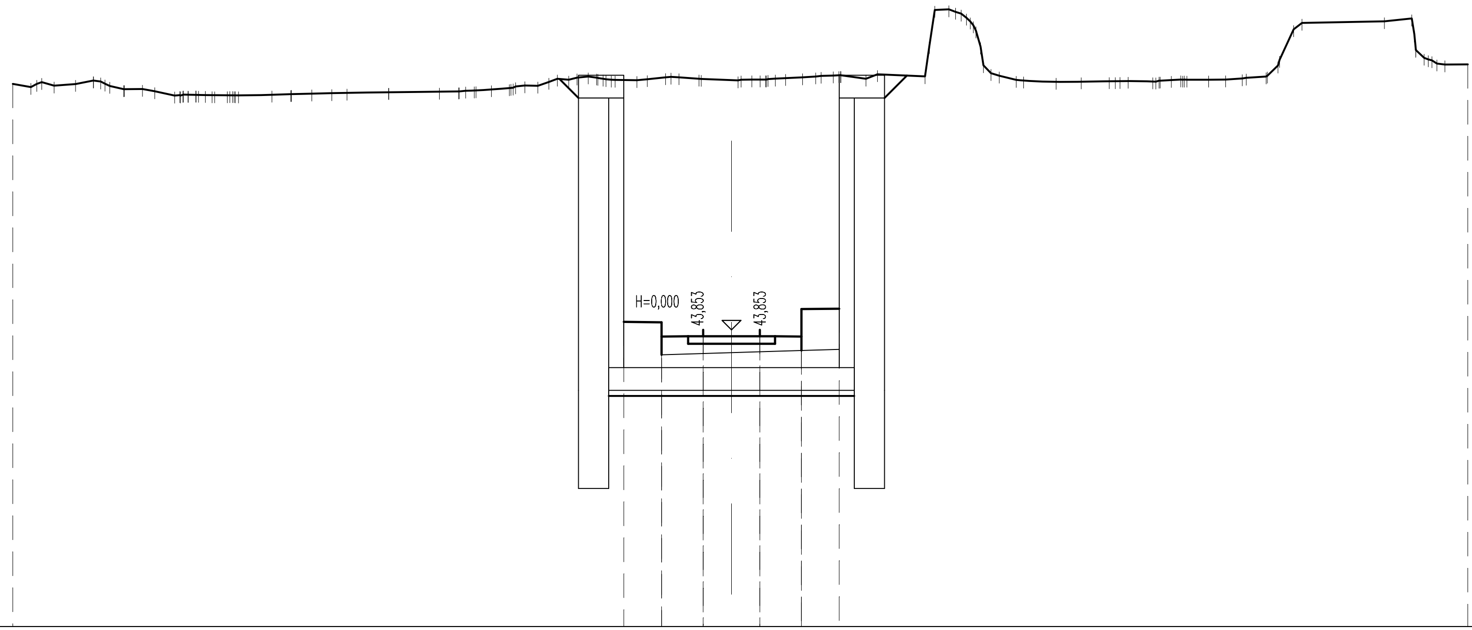
Qt. rif. 36,000

Quote Progetto	44,15 42,94 44,14 43,39 44,50
Quote Terreno	53,53 53,69 53,44 53,15 53,10 52,84 50,42 50,24 50,13 50,11 50,10 50,12 50,13 50,14 50,13 50,16 50,16 50,17 50,18 50,19 50,20 50,26 50,32 50,40 50,48 50,52 50,50 50,52 50,57 50,61 50,60 50,61 50,61 50,59 50,58 50,56 50,53 50,52 50,48 50,47 50,46 50,47 50,47 50,49 50,46 50,46 50,47 50,47 50,49 50,53 50,53 50,56 50,59 53,43 53,54 53,55 53,40 52,94 52,50 52,74 51,17
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,54 -18,96 -18,29 -17,68 -17,12 -16,59 -16,37 -15,50 -14,85 -14,11 -13,79 -12,53 -11,97 -11,43 -10,66 -10,14 -9,48 -9,09 -8,28 -7,61 -7,27 -6,51 -5,80 -4,83 -4,31 -3,76 -3,31 -2,72 -2,11 -1,31 -0,37 0,23 0,78 1,31 1,98 2,75 3,50 3,98 4,96 5,48 5,99 6,40 7,05 7,99 8,78 9,33 10,00 10,77 11,40 11,92 12,64 13,15 14,20 15,14 15,45 16,24 16,75 17,39 17,93 18,55 18,92

SCAVI E BONIFICHE	
SCAVO	55,82 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 11
QT. PROG.: 43,853
Progr. km: 4+305,135
Dist. prec.: 5,535
Dist. succ.: 28,265



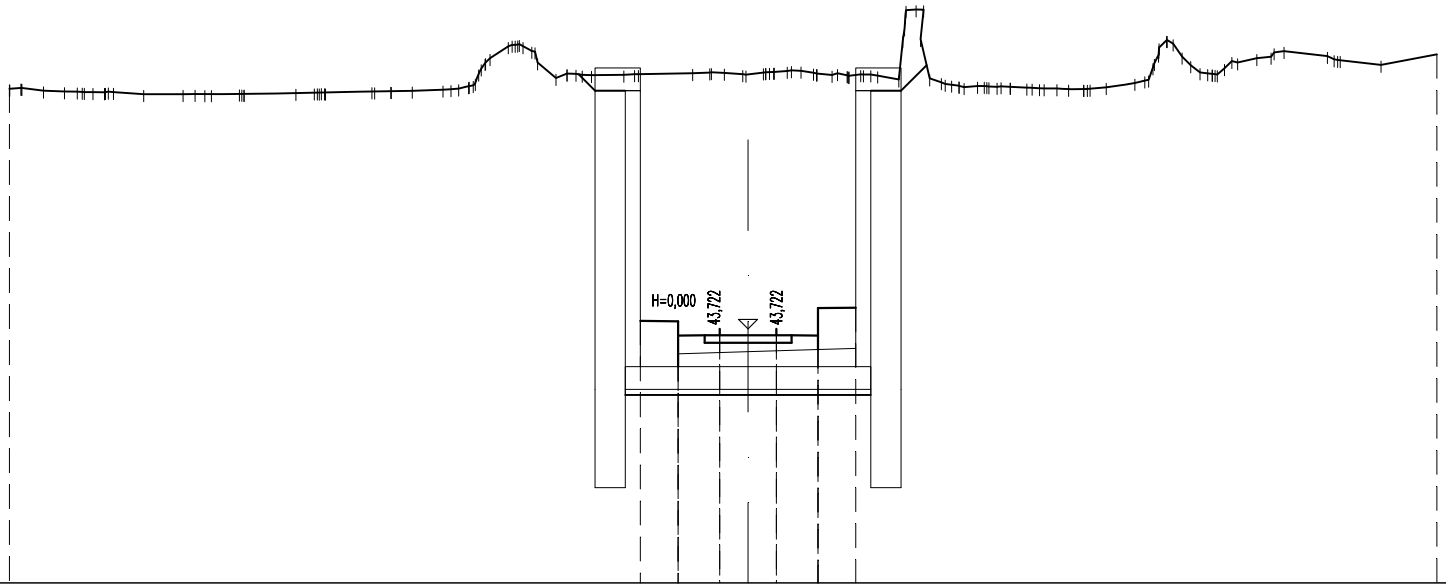
1:200

Qt. rif. 36,000

Quote Progetto	44,06 43,19 44,05 43,30 44,40 44,41
Quote Terreno	50,36 50,36 50,31 50,36 50,42 50,22 50,16 50,05 50,08 50,06 50,06 50,07 50,09 50,10 50,11 50,12 50,15 50,15 50,15 50,16 50,22 50,25 50,31 50,50 50,53 50,53 50,47 50,46 50,54 50,50 50,46 50,48 50,50 50,53 50,58 50,50 50,62 50,56 52,33 52,01 50,65 50,47 50,45 50,41 50,43 50,43 50,44 50,43 50,48 50,47 50,51 50,56 51,81 51,98 52,02 52,09 50,99 50,88
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,02 -18,38 -17,92 -17,36 -16,69 -16,08 -15,26 -14,74 -14,17 -13,34 -13,04 -12,16 -11,65 -11,11 -10,57 -10,17 -9,07 -9,07 -7,73 -7,22 -6,35 -5,83 -5,13 -4,61 -4,09 -3,57 -3,08 -2,50 -1,75 -0,86 0,00 0,54 1,16 1,88 2,69 3,56 3,86 5,12 5,75 6,32 6,86 7,53 7,73 8,59 9,25 9,99 10,50 11,15 11,89 12,62 13,51 14,14 14,87 15,10 17,28 18,00 18,53 19,48

SCAVI E BONIFICHE	
SCAVO	57,03 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 12
QT. PROG.: 43,722
Progr. km: 4+333,400
Dist. prec.: 28,265
Dist. succ.: 3,850



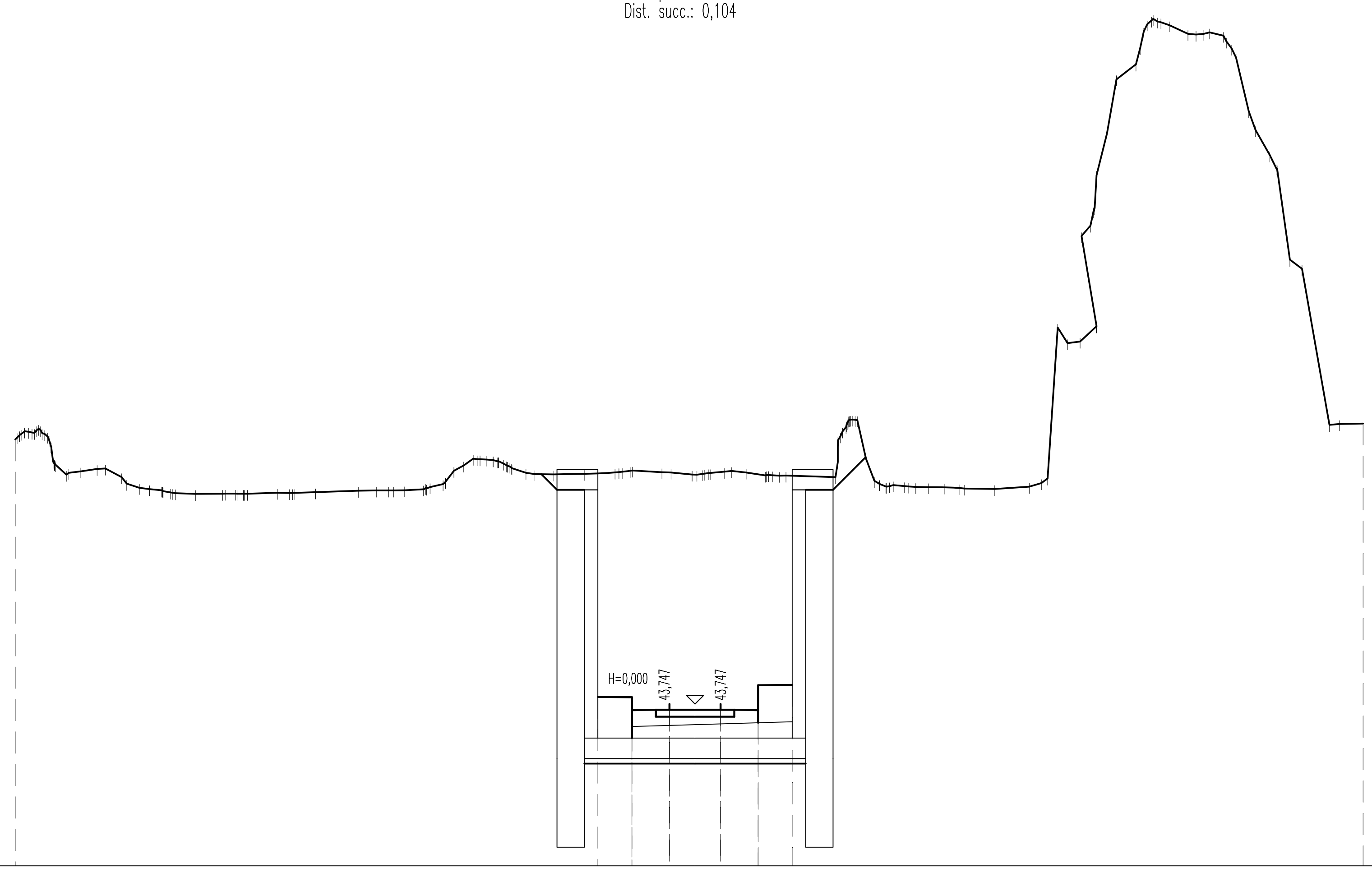
1:200

Qt. rif. 37,000

Quote Progetto	43,93 42,72 43,92 43,17 44,27 44,28
Quote Terreno	50,08 50,02 50,00 49,99 49,98 49,99 49,93 49,93 49,93 49,94 49,94 49,96 49,97 49,97 50,00 50,01 50,02 50,05 50,14 50,88 51,23 51,08 50,36 50,47 50,44 50,44 50,46 50,49 50,49 50,45 50,51 50,55 50,50 50,48 50,46 50,42 50,32 51,39 50,24 50,12 50,15 50,12 50,10 50,08 50,07 50,12 50,23 50,75 50,92 50,48 50,81 50,88 51,07 50,94 50,83 50,71 50,98
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,54 -18,64 -18,09 -17,56 -17,03 -16,79 -15,99 -14,95 -14,37 -13,46 -13,34 -11,97 -11,40 -11,18 -9,95 -9,45 -8,88 -8,07 -7,39 -6,83 -6,24 -5,72 -5,08 -4,55 -4,14 -3,29 -2,90 -1,47 -0,63 -0,05 0,46 1,04 1,73 2,37 2,98 3,43 3,99 4,57 5,12 5,72 6,25 6,94 7,52 8,17 8,88 9,48 10,24 10,75 11,49 12,16 12,80 13,46 14,18 15,33 15,67 16,75 18,23

SCAVI E BONIFICHE	
SCAVO	57,23 m²
SOVRASTRUTTURA	
BALLAST	1,141 m²
STRATO DI CLS Rck 15	1,929 m²
CLS MARCIAPIEDE DX	1,089 m²

SEZIONE N°: 13a
QT. PROG.: 43,747
Progr. km: 4+337,250
Dist. prec.: 3,850
Dist. succ.: 0,104



1:200

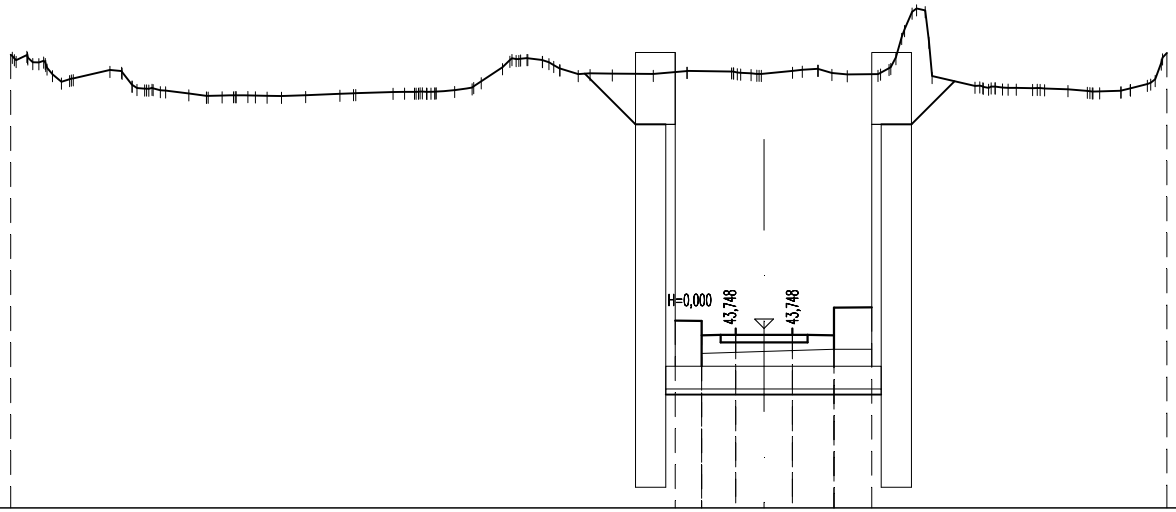
Qt. rif. 39,000

Distanze Progetto	Quote Progetto
-2,85	43,96
-1,85	42,75 / 43,95
-0,75	
0,75	
1,85	43,20 / 44,30
2,85	44,31

Distanze Terreno	Quote Terreno
-19,94	51,51
-19,38	51,70
-18,83	50,85
-18,02	50,57
-17,30	50,66
-16,67	50,21
-16,00	50,05
-15,38	49,95
-14,66	49,91
-13,86	49,92
-13,25	49,91
-12,25	49,95
-11,74	49,94
-11,13	49,96
-9,88	50,00
-9,35	50,01
-8,84	50,01
-7,96	50,04
-7,39	50,20
-6,78	50,75
-6,13	50,92
-5,62	50,80
-4,96	50,53
-4,14	50,48
-3,24	50,50
-2,35	50,54
-1,84	50,60
-0,97	50,55
-0,09	50,48
0,44	50,52
1,07	50,58
2,06	50,45
2,67	50,45
4,12	50,40
4,69	52,08
5,26	50,29
5,82	50,17
6,48	50,11
7,31	50,10
7,91	50,07
8,79	50,05
9,81	50,12
10,34	50,36
10,93	54,33
11,60	57,78
12,36	62,08
12,93	62,51
13,44	63,85
13,91	63,66
14,46	63,40
15,09	63,45
15,74	62,97
16,44	60,58
17,05	59,46
17,80	56,51
18,61	51,94
19,60	51,97

SCAVI E BONIFICHE	
SCAVO	53,76 m^2
SOVRASTRUTTURA	
BALLAST	1,053 m^2
STRATO DI CLS Rck 15	1,837 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 13
QT. PROG.: 43,748
Progr. km: 4+337,354
Dist. prec.: 0,104
Dist. succ.: 12,646



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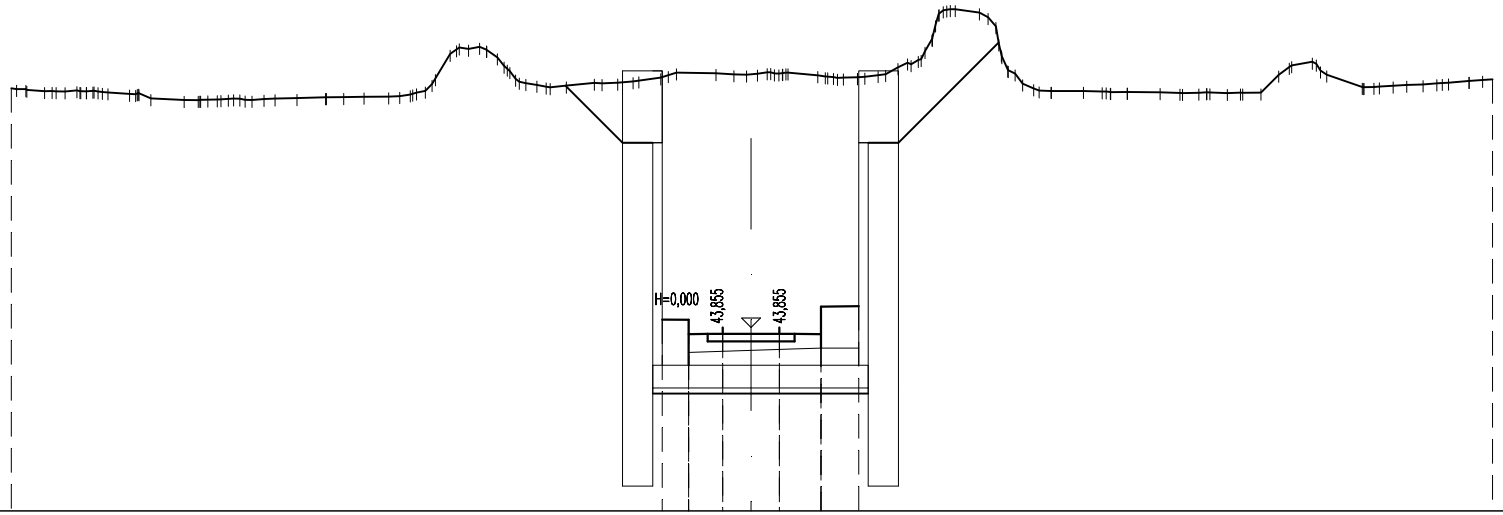
Qt. rif. 39,000

Quote Progetto	43,95 42,75 43,95 43,20 44,30 44,31
Quote Terreno	50,99 50,79 50,47 50,36 50,37 50,59 50,20 50,11 49,96 49,90 49,91 49,91 49,90 49,92 49,96 49,97 50,00 50,01 50,01 50,05 50,16 50,66 50,90 50,79 50,48 50,49 50,48 50,56 50,56 50,54 50,50 50,49 50,56 50,62 50,47 50,48 51,46 52,16 50,43 50,16 50,15 50,11 50,11 50,08 50,03 50,04 50,22 51,04
Distanze Progetto	-2,35 -1,65 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,94 -19,35 -18,83 -18,33 -18,28 -17,31 -16,73 -16,20 -15,22 -14,71 -14,04 -13,46 -12,77 -12,13 -11,22 -10,80 -9,82 -9,25 -8,71 -8,19 -7,68 -6,92 -6,27 -5,69 -4,92 -4,01 -2,93 -2,04 -2,03 -0,86 -0,34 0,00 0,76 1,42 2,20 3,02 3,64 4,27 4,45 5,58 6,11 6,67 7,23 8,04 8,55 9,44 10,14 10,66

SCAVI E BONIFICHE	
SCAVO	56,52 m^2
SOVRASTRUTTURA	
BALLAST	1,053 m^2
STRATO DI CLS Rck 15	1,837 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 14
QT. PROG.: 43,855
Progr. km: 4+350,000
Dist. prec.: 12,646
Dist. succ.: 25,000



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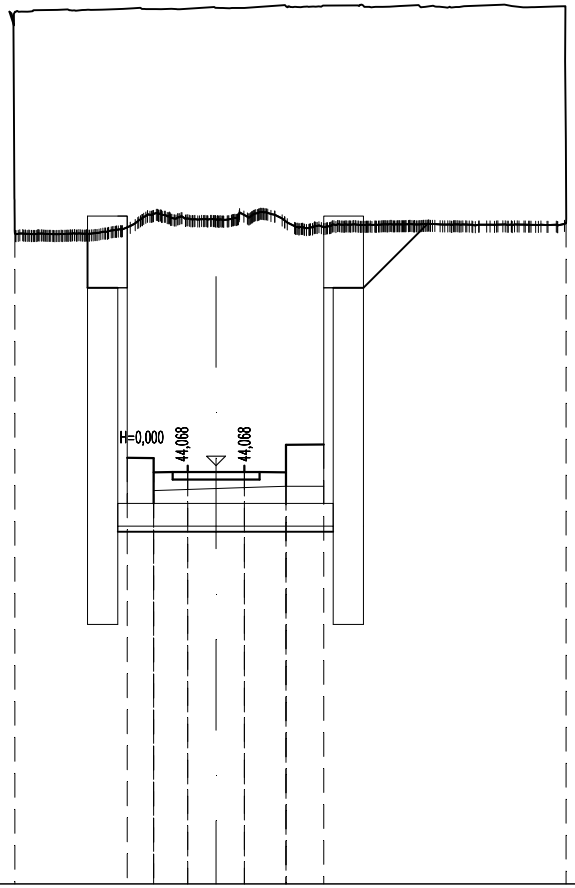
Qt. rif. 39,000

Quote Progetto	44,06 42,86 44,06 43,31 44,41 44,42
Quote Terreno	50,18 50,10 50,10 50,07 50,03 49,92 49,87 49,88 49,90 49,87 49,91 49,92 49,94 49,95 49,96 49,96 50,02 50,29 51,21 51,28 50,77 50,32 50,22 50,25 50,32 50,33 50,38 50,47 50,60 50,58 50,54 50,60 50,60 50,53 50,45 50,47 50,53 50,74 50,93 52,15 52,27 52,18 51,37 50,31 50,11 50,11 50,10 50,09 50,07 50,06 50,07 50,05 50,07 50,74 50,88 50,54 50,22 50,25 50,28 50,32 50,37 50,42
Distanze Progetto	-2,35 -1,65 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,58 -18,70 -18,15 -17,59 -17,02 -16,45 -15,88 -15,00 -14,37 -13,83 -13,20 -12,60 -12,01 -11,26 -10,78 -10,24 -9,59 -9,02 -8,44 -7,79 -7,18 -6,53 -5,96 -5,42 -4,89 -4,15 -3,53 -2,97 -2,39 -1,97 -0,93 -0,12 0,43 0,98 1,77 2,29 2,81 3,36 3,89 4,43 4,97 5,41 6,04 6,56 7,19 7,94 8,80 9,40 9,96 10,82 11,35 12,05 12,60 13,49 14,24 14,85 15,23 16,18 16,99 17,78 18,29 19,00 19,62

SCAVI E BONIFICHE	
SCAVO	50,97 m^2
SOVRASTRUTTURA	
BALLAST	1,053 m^2
STRATO DI CLS Rck 15	1,837 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 15
QT. PROG.: 44,068
Progr. km: 4+375,000
Dist. prec.: 25,000
Dist. succ.: 25,000



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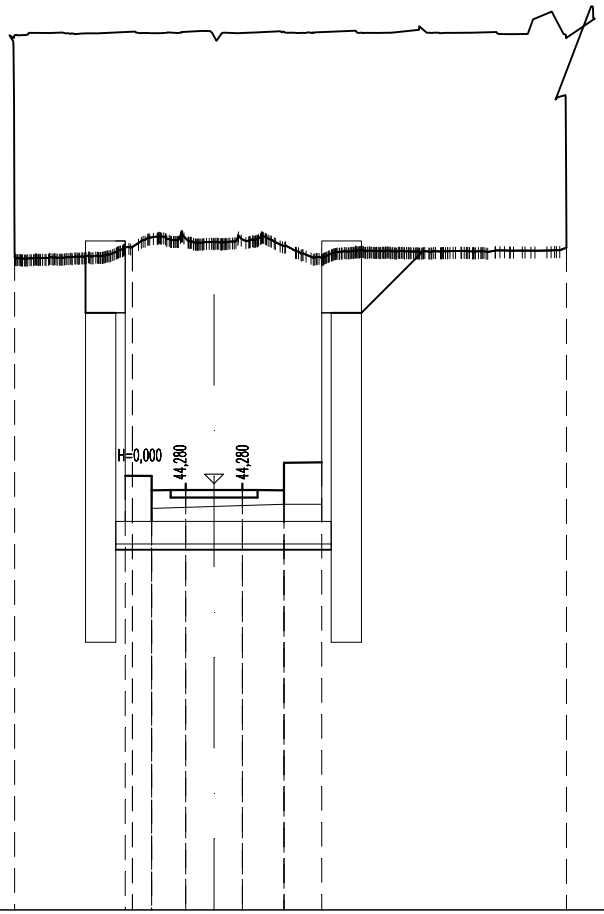
Qt. rif. 33,000

Quote Progetto	44,27 43,07 44,27 43,52 44,62 44,63
Quote Terreno	50,21 50,19 50,19 50,21 50,22 50,30 50,48 50,75 50,60 50,59 50,59 50,61 50,71 50,70 50,40 50,40 50,45 50,45 50,44 50,45 50,45 50,46 50,45 50,42 50,43 50,45 50,43 50,44 50,48
Distanze Progetto	-2,35 -1,65 -0,75 0,75 1,85 2,85
Distanze Terreno	-5,33 -4,80 -4,27 -3,75 -3,21 -2,70 -2,14 -1,58 -1,06 -0,56 -0,05 0,46 0,98 1,55 2,08 2,59 3,12 3,64 4,20 4,72 5,24 5,79 6,32 6,86 7,37 7,90 8,46 9,00 9,26

SCAVI E BONIFICHE	
SCAVO	49,97 m^2
SOVRASTRUTTURA	
BALLAST	1,053 m^2
STRATO DI CLS Rck 15	1,837 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 16
QT. PROG.: 44,280
Progr. km: 4+400,000
Dist. prec.: 25,000
Dist. succ.: 38,232



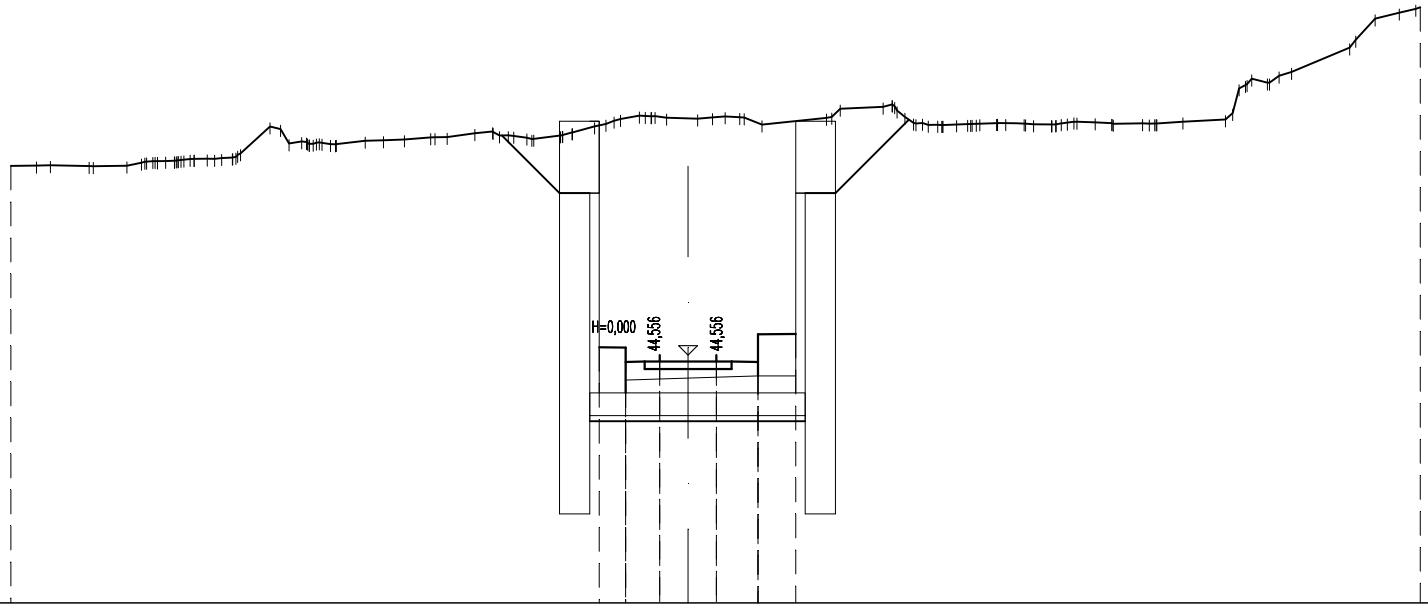
1:200

Qt. rif. 33,000

Quote Progetto	44,49 43,28 44,48 43,73 44,83 44,84
Quote Terreno	50,29 50,24 50,25 50,28 50,31 50,41 50,64 50,80 50,72 50,64 50,68 50,77 50,74 50,60 50,36 50,25 50,42 50,46 50,42 50,43 50,41 50,42 50,44 50,42 50,45 50,44 50,45 50,52
Distanze Progetto	-2,35 -1,65 -0,75 0,75 1,85 2,85
Distanze Terreno	-5,28 -4,78 -4,26 -3,68 -3,13 -2,59 -2,00 -1,49 -0,97 -0,44 0,09 0,63 1,15 1,75 2,30 2,84 3,37 3,89 4,39 4,90 5,40 5,99 6,53 7,06 7,56 8,16 8,81 9,32

SCAVI E BONIFICHE	
SCAVO	51,93 m^2
SOVRASTRUTTURA	
BALLAST	1,053 m^2
STRATO DI CLS Rck 15	1,837 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 17
QT. PROG.: 44,556
Progr. km: 4+438,232
Dist. prec.: 38,232
Dist. succ.: 0,098



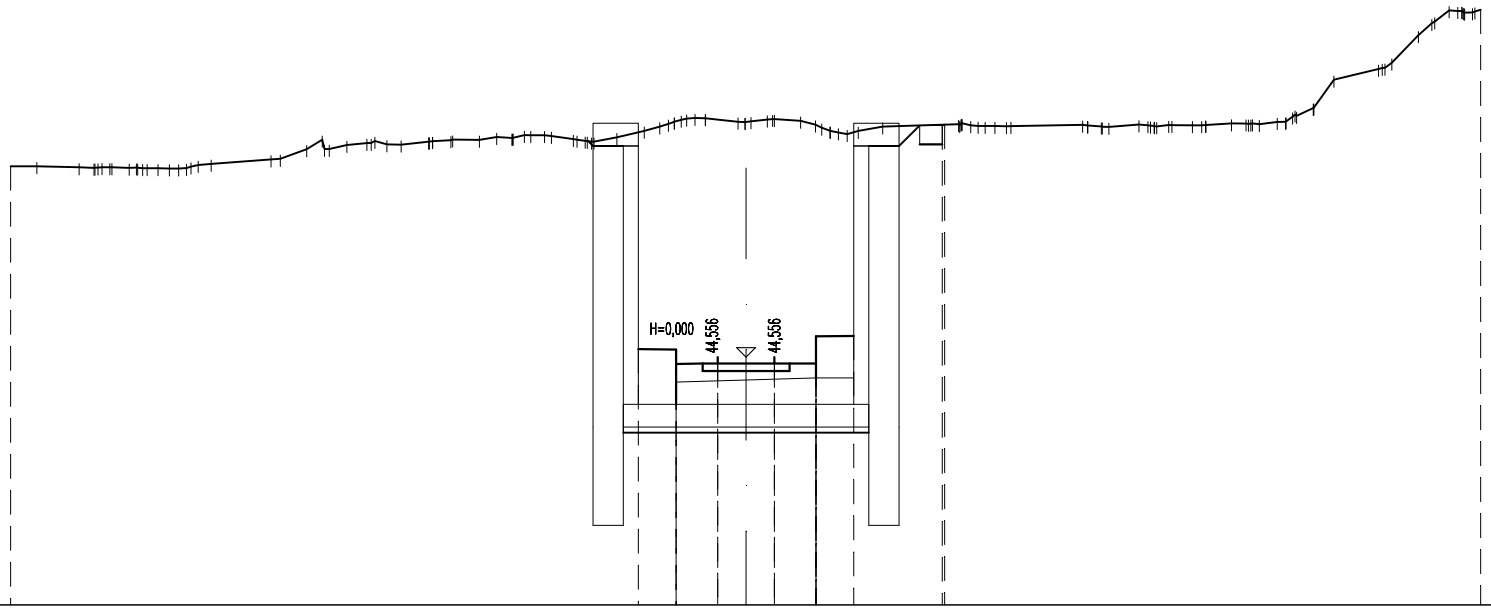
1:200

Qt. rif. 38,000

Quote Progetto	44,76 43,56 44,76 44,01 45,11 45,12
Quote Terreno	49,56 49,57 49,58 49,56 49,57 49,67 49,69 49,74 49,75 49,80 50,60 50,16 50,14 50,14 50,23 50,24 50,26 50,32 50,32 50,43 50,37 50,31 50,37 50,61 50,76 50,89 50,84 50,82 50,85 50,85 50,65 50,83 51,07 51,13 50,86 50,65 50,66 50,67 50,69 50,69 50,66 50,73 50,71 50,67 50,69 50,69 50,73 50,79 51,70 51,77 52,05 52,69 53,46 53,61 53,76
Distanze Progetto	-2,35 -1,65 -0,75 0,75 1,85 2,85
Distanze Terreno	-17,92 -17,24 -16,87 -15,85 -14,85 -14,33 -13,82 -13,18 -12,53 -11,97 -11,06 -10,56 -10,03 -9,46 -8,54 -8,06 -7,51 -6,81 -6,37 -5,64 -4,99 -4,27 -3,38 -2,47 -1,96 -1,29 -0,57 0,00 0,65 1,37 1,96 3,66 4,03 5,16 5,74 6,36 7,10 7,63 8,16 8,89 9,62 10,21 10,77 11,25 12,03 12,40 13,09 14,22 14,75 15,33 15,97 17,51 18,18 18,82 19,38

SCAVI E BONIFICHE	
SCAVO	53,96 m^2
SOVRASTRUTTURA	
BALLAST	1,144 m^2
STRATO DI CLS Rck 15	3,089 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 17a
QT. PROG.: 44,556
Progr. km: 4+438,330
Dist. prec.: 0,098
Dist. succ.: 11,670



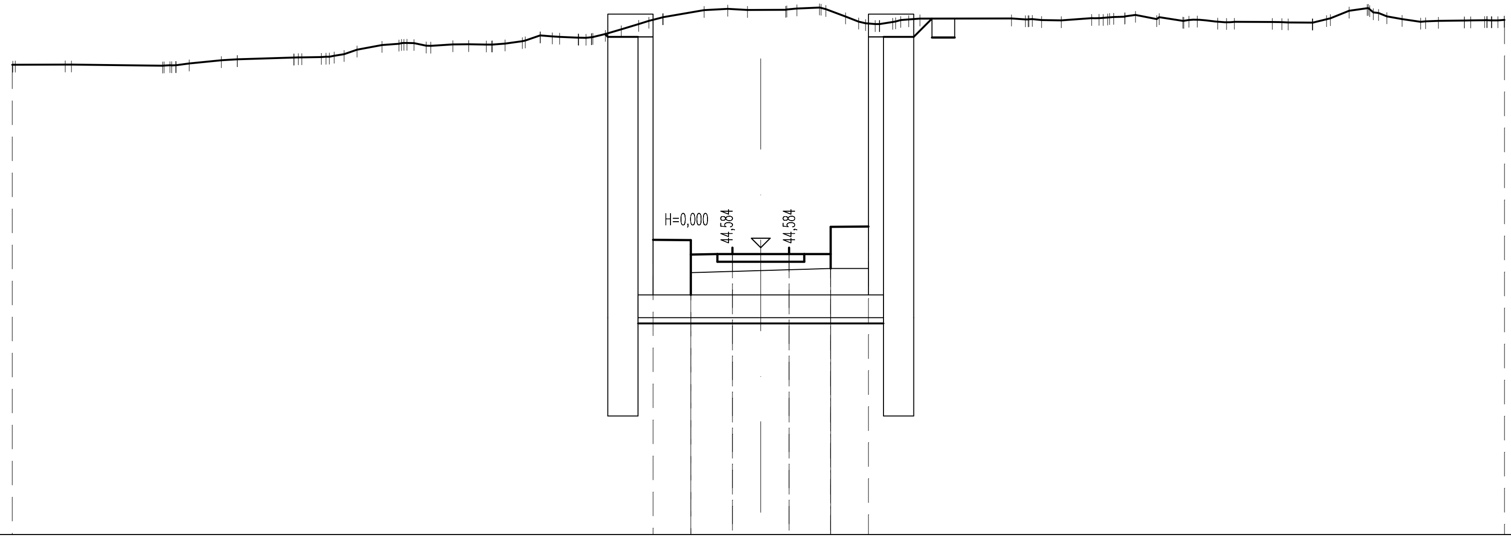
1:200

Qt. rif. 38,000

Quote Progetto	44,77 43,31 44,76 44,01 45,11 45,12
Quote Terreno	49,60 49,61 49,58 49,58 49,56 49,55 49,55 49,64 49,67 49,78 50,06 50,06 50,22 50,19 50,18 50,26 50,29 50,30 50,36 50,43 50,32 50,26 50,37 50,54 50,73 50,88 50,88 50,78 50,84 50,81 50,63 50,46 50,65 50,72 50,67 50,66 50,67 50,70 50,65 50,71 50,70 50,69 50,70 50,74 50,73 50,78 50,94 51,89 52,18 52,34 53,07 53,73 53,68 53,75
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,46 -18,77 -17,65 -17,04 -16,32 -15,56 -15,02 -14,50 -14,16 -12,57 -11,63 -11,03 -10,03 -9,51 -9,13 -8,39 -7,81 -7,06 -6,20 -5,33 -4,57 -4,02 -3,42 -2,69 -2,06 -1,35 -1,08 -0,21 0,56 1,44 2,00 2,68 3,61 5,63 6,14 6,89 7,01 8,91 9,43 10,40 11,18 11,81 12,17 12,84 13,36 14,05 14,57 15,55 16,74 17,09 17,79 18,61 19,22 19,44

SCAVI E BONIFICHE	
SCAVO	54,22 m^2
SOVRASTRUTTURA	
BALLAST	1,144 m^2
STRATO DI CLS Rck 15	3,089 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 18
QT. PROG.: 44,584
Progr. km: 4+450,000
Dist. prec.: 11,670
Dist. succ.: 50,000



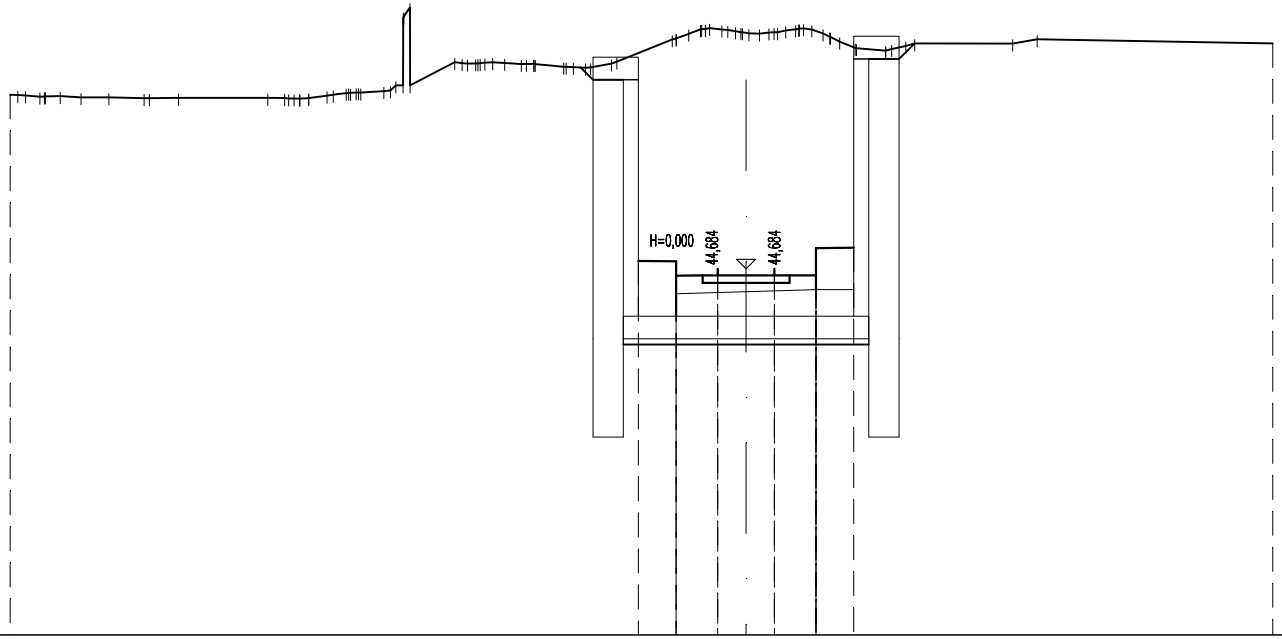
1:200

Qt. rif. 37,000

Quote Progetto	44,79 43,33 44,78 44,04 45,13 45,14
Quote Terreno	49,42 49,42 49,43 49,43 49,40 49,45 49,54 49,57 49,61 49,63 49,70 49,82 49,94 49,99 49,93 49,96 49,95 50,04 50,17 50,14 50,23 50,50 50,68 50,68 50,87 50,90 50,87 50,87 50,87 50,93 50,70 50,52 50,55 50,64 50,64 50,63 50,60 50,65 50,68 50,74 50,63 50,58 50,56 50,56 50,55 50,54 50,54 50,85 50,92 50,63 50,57 50,58 50,59 50,60 50,61 50,61
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,81 -19,73 -18,41 -18,25 -15,83 -15,13 -14,28 -13,85 -12,36 -11,63 -11,03 -10,69 -10,02 -9,51 -8,86 -8,15 -7,26 -6,31 -5,52 -4,83 -4,11 -3,23 -2,60 -2,59 -1,50 -0,87 -0,35 0,00 0,66 1,55 2,25 2,78 3,50 4,21 6,64 7,19 7,95 8,76 9,34 9,92 10,48 11,17 12,09 12,54 13,54 13,96 14,60 15,57 16,08 16,97 17,60 17,93 18,62 19,16 19,68 19,68

SCAVI E BONIFICHE	
SCAVO	56,26 m^2
SOVRASTRUTTURA	
BALLAST	1,144 m^2
STRATO DI CLS Rck 15	3,089 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 19
QT. PROG.: 44,684
Progr. km: 4+500,000
Dist. prec.: 50,000
Dist. succ.: 47,800



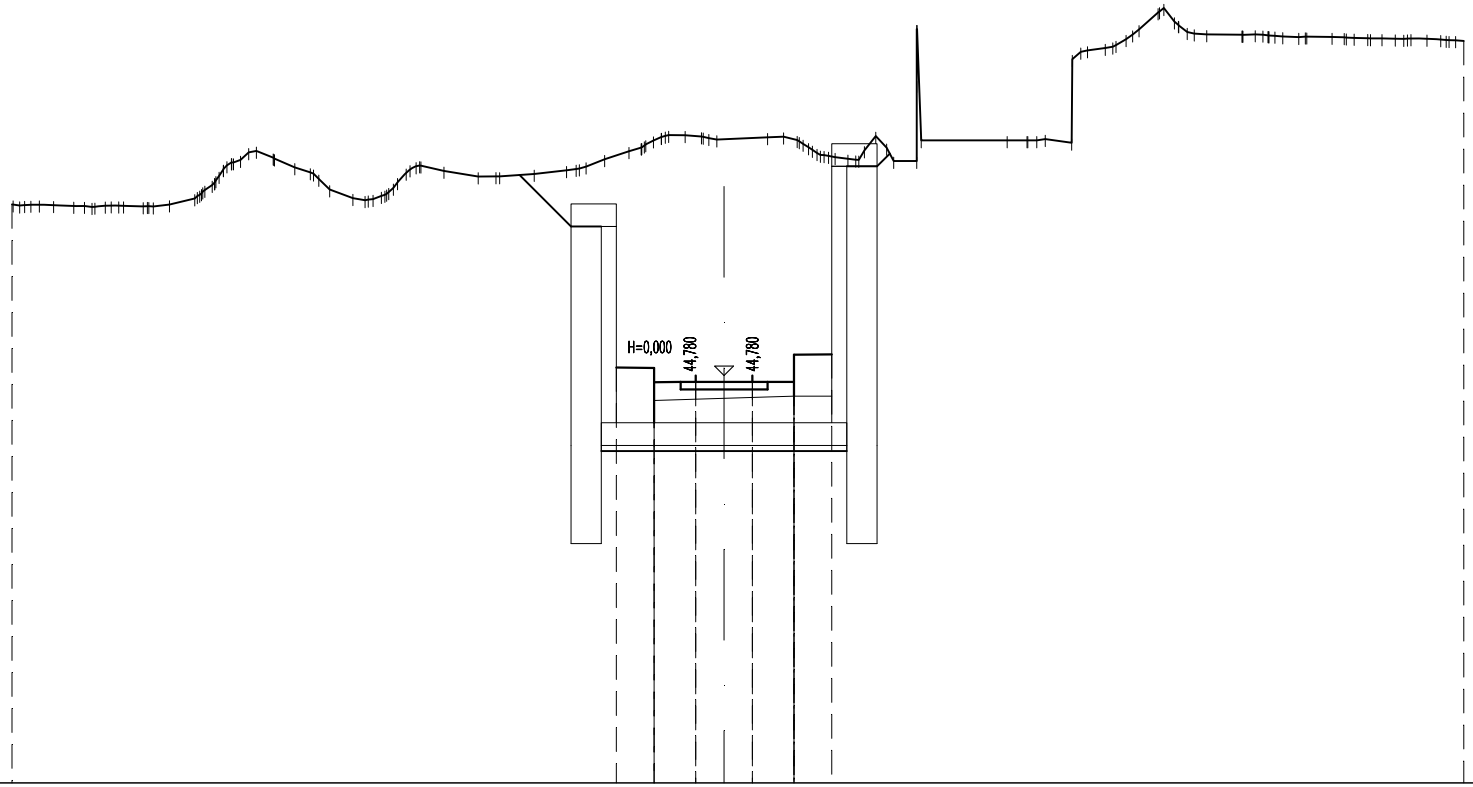
1:200

Qt. rif. 35,000

Quote Progetto	44,89 43,43 44,88 44,14 45,23 45,24
Quote Terreno	49,29 49,24 49,25 49,22 49,22 49,20 49,21 49,21 49,19 49,21 49,29 49,35 49,39 49,54 49,54 50,15 50,12 50,13 50,11 50,03 50,01 50,11 50,17 50,75 51,02 51,02 50,95 50,94 51,02 50,91 50,53 50,46 50,58 50,65 50,65 50,76 50,65
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,47 -18,69 -18,15 -17,60 -16,86 -15,93 -15,02 -12,66 -12,10 -11,57 -10,92 -10,32 -9,58 -9,08 -8,89 -7,71 -7,15 -6,39 -5,81 -4,83 -4,25 -3,56 -3,42 -1,95 -1,21 -0,64 -0,14 0,60 1,31 2,04 2,89 3,69 4,22 4,46 7,06 7,70 13,94

SCAVI E BONIFICHE	
SCAVO	55,65 m^2
SOVRASTRUTTURA	
BALLAST	1,144 m^2
STRATO DI CLS Rck 15	3,089 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 20a
QT. PROG.: 44,780
Progr. km: 4+547,800
Dist. prec.: 47,800
Dist. succ.: 1,500



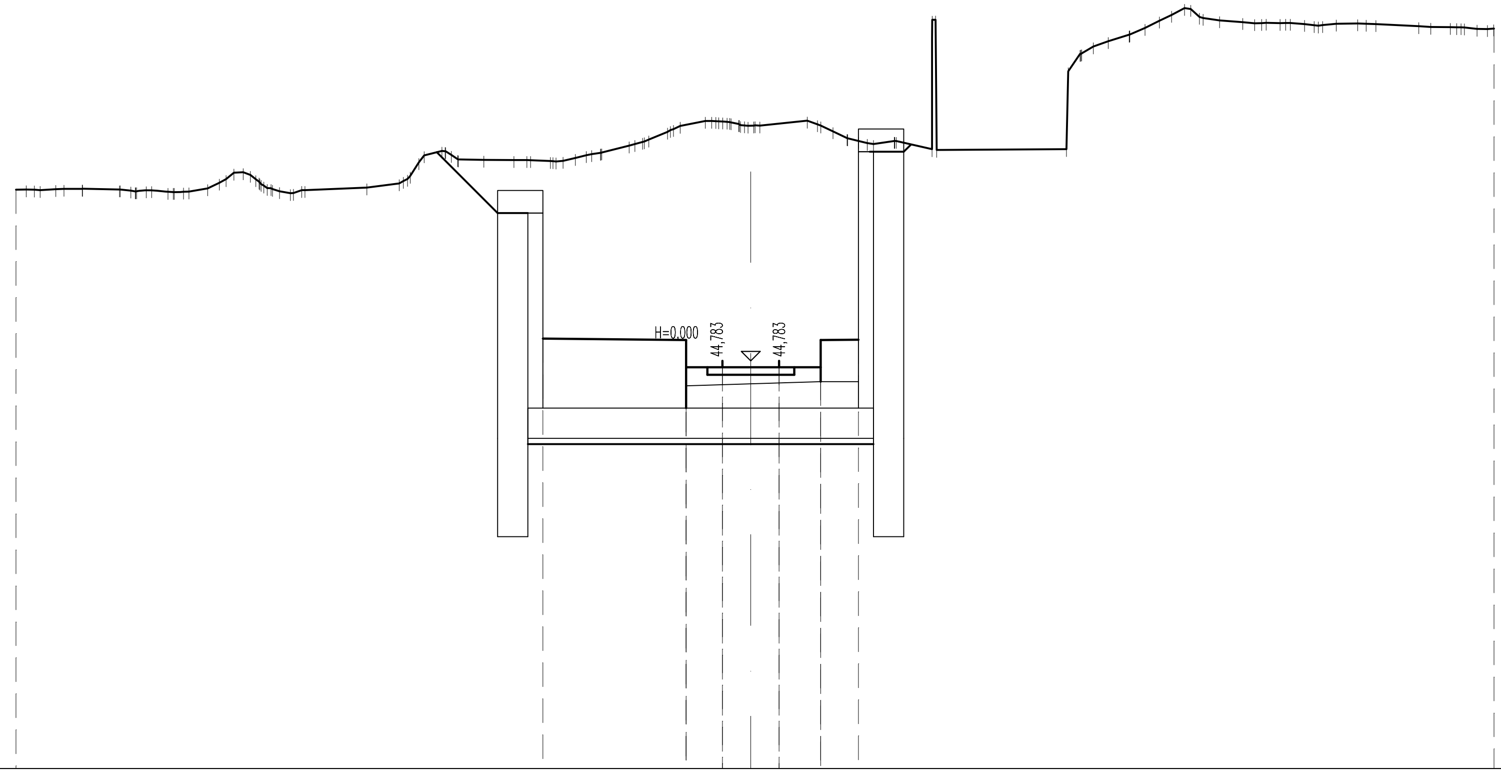
1:200

Qt. rif. 34,000

Quote Progetto	44,99 43,53 44,98 44,23 45,53 45,34
Quote Terreno	49,31 49,29 49,28 49,27 49,24 49,27 49,25 49,30 49,46 49,89 50,48 50,54 50,29 49,98 49,47 49,45 49,74 50,31 50,19 50,04 50,05 50,11 50,21 50,31 50,50 50,71 51,00 51,14 51,06 51,03 51,08 51,01 50,66 50,51 51,12 50,46 50,46 51,00 51,00 51,00 51,03 50,94 53,44 53,68 54,39 54,05 53,81 53,79 53,79 53,75 53,75 53,73 53,71 53,70 53,68 53,69 53,66 53,63
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-18,84 -18,34 -17,74 -17,21 -16,65 -16,02 -15,37 -14,68 -14,01 -13,48 -12,79 -11,93 -11,36 -10,72 -9,82 -9,29 -8,75 -8,15 -7,41 -6,50 -5,94 -5,02 -4,17 -3,65 -3,16 -2,52 -1,87 -1,03 -0,40 0,00 1,15 1,94 2,46 3,28 4,01 4,49 5,10 5,22 7,49 8,02 8,50 9,20 10,09 10,64 11,49 12,02 12,77 13,70 14,26 14,79 15,38 16,09 16,67 17,41 17,99 18,60 19,11 19,57

SCAVI E BONIFICHE	
SCAVO	81,57 m^2
SOVRASTRUTTURA	
BALLAST	1,086 m^2
STRATO DI CLS Rck 15	3,002 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 20
QT. PROG.: 44,783
Progr. km: 4+549,300
Dist. prec.: 1,500
Dist. succ.: 48,500



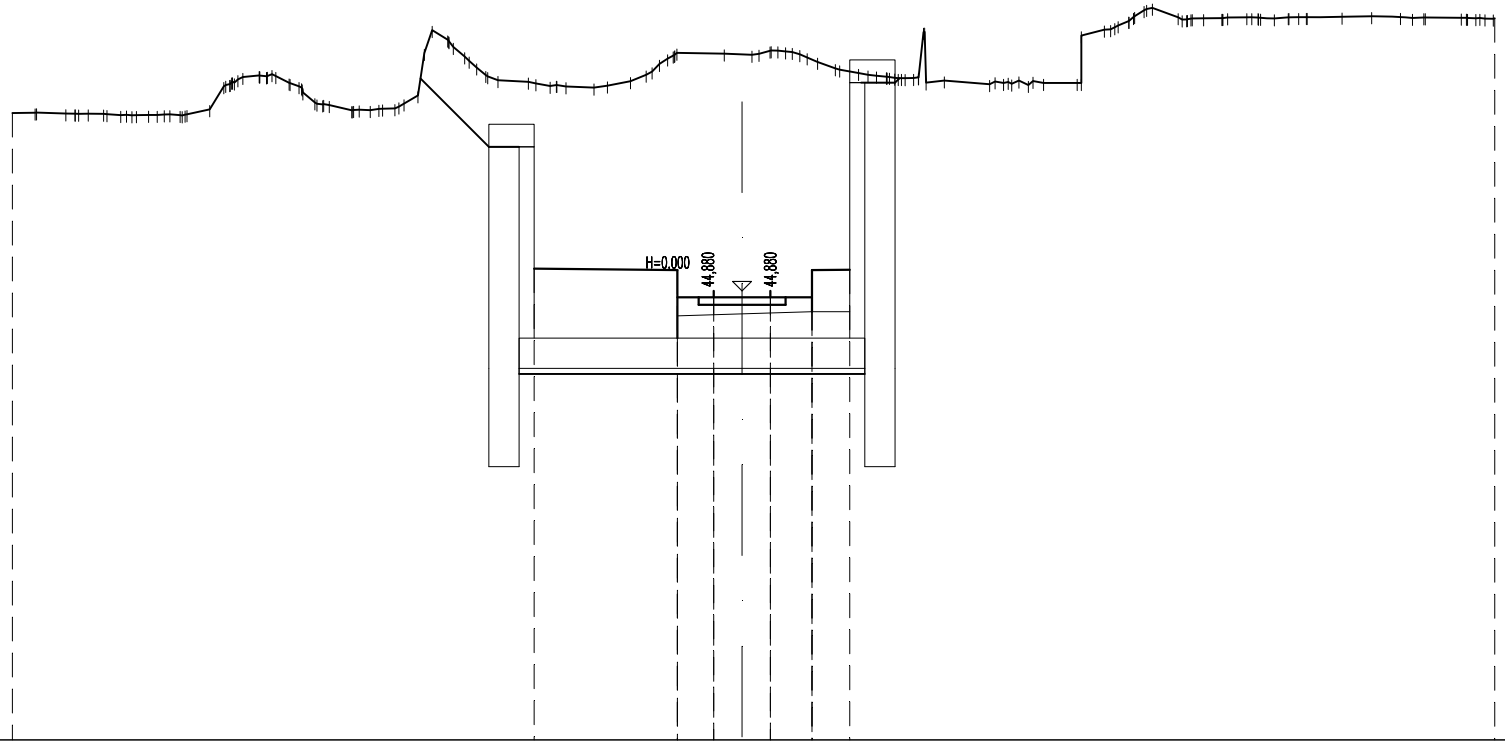
1:200

Qt. rif. 34,000

Quote Progetto	45,37 43,53 45,33 44,23 45,33 45,34
Quote Terreno	49,31 49,30 49,33 49,33 49,31 49,29 49,25 49,26 49,49 49,77 49,42 49,22 49,30 49,37 49,48 50,03 50,34 50,11 50,10 50,09 50,07 50,15 50,28 50,48 50,63 50,89 51,13 51,11 51,00 51,00 51,13 50,85 50,60 50,60 50,38 50,36 50,38 53,10 53,41 53,78 54,11 53,79 53,74 53,72 53,72 53,66 53,70 53,71 53,69 53,63 53,61 53,56 53,57
Distanze Progetto	-5,50 -1,71 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,45 -18,81 -18,18 -17,69 -16,71 -16,00 -15,43 -14,87 -14,06 -13,44 -12,89 -12,18 -11,80 -10,16 -9,30 -8,78 -8,17 -7,74 -7,07 -6,27 -5,30 -4,64 -3,98 -3,22 -2,70 -2,13 -1,20 -0,63 -0,07 0,24 1,49 2,18 2,86 3,80 4,80 4,92 8,36 9,07 10,02 10,81 11,48 12,41 13,02 13,52 14,16 14,91 15,50 16,06 16,55 17,68 18,52 19,23 19,67

SCAVI E BONIFICHE	
SCAVO	78,57 m^2
SOVRASTRUTTURA	
BALLAST	1,086 m^2
STRATO DI CLS Rck 15	3,002 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 21a
QT. PROG.: 44,880
Progr. km: 4+597,800
Dist. prec.: 48,500
Dist. succ.: 1,500



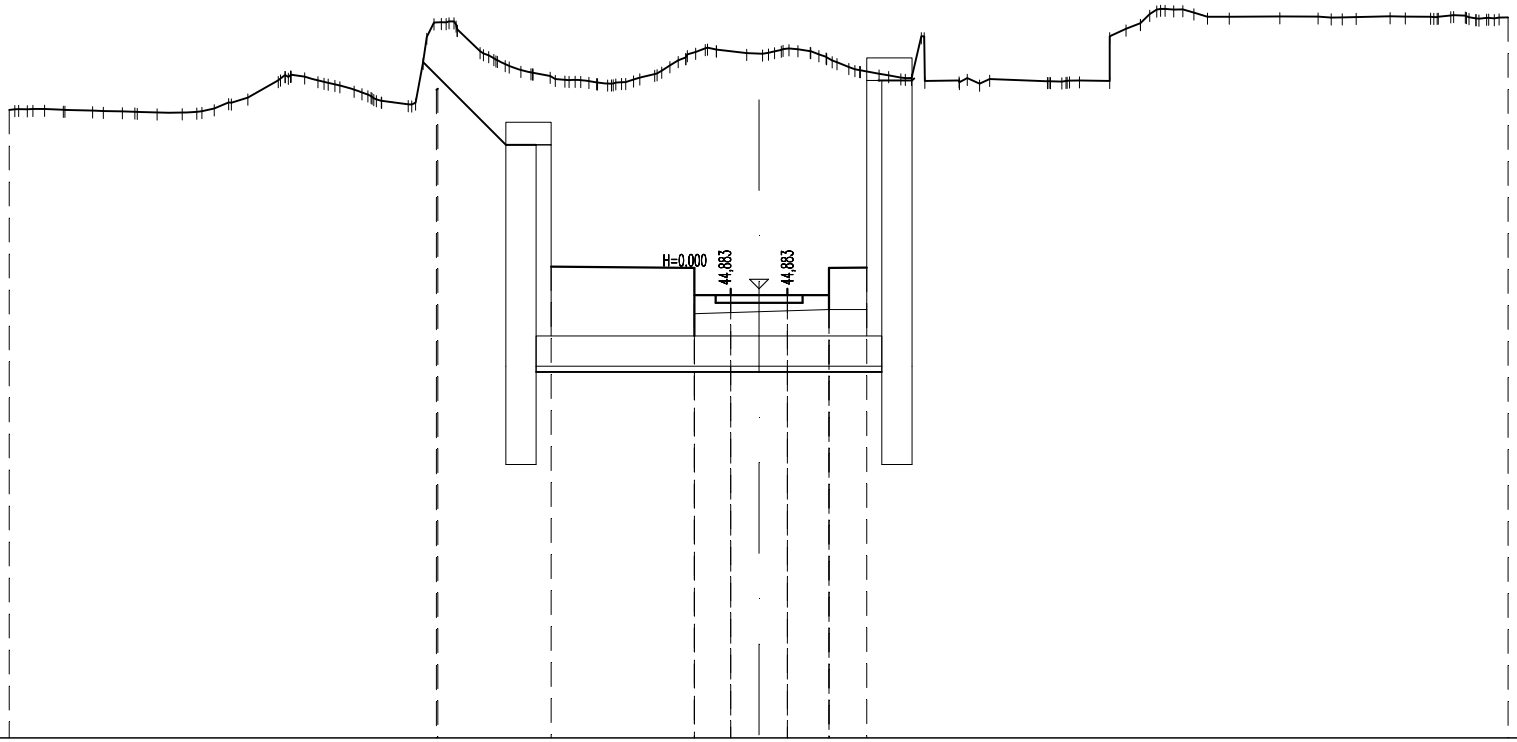
1:200

Qt. rif. 33,000

Quote Progetto	45,47 43,63 45,43 44,33 45,43 45,44
Quote Terreno	49,59 49,59 49,57 49,57 49,53 49,54 49,55 49,55 49,68 50,35 50,58 50,39 49,87 49,66 49,69 49,76 50,05 51,52 50,97 50,45 50,41 50,30 50,29 50,26 50,43 50,68 51,10 51,18 51,16 51,12 51,24 51,20 50,94 50,73 50,64 50,55 50,51 50,44 50,35 50,36 50,43 50,38 50,38 51,79 52,02 52,37 52,12 52,09 52,10 52,12 52,09 52,12 52,12 52,13 52,15 52,12 52,11 52,11 52,09 52,09
Distanze Progetto	-5,50 -1,71 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,31 -18,71 -17,89 -17,30 -16,44 -15,70 -15,14 -14,69 -14,09 -13,56 -12,78 -11,99 -11,30 -10,32 -9,61 -9,08 -8,58 -7,79 -7,22 -6,46 -5,65 -5,08 -4,66 -3,92 -2,95 -2,38 -1,82 -1,73 -0,47 0,26 0,77 1,33 2,00 2,58 3,08 3,82 4,54 5,35 6,55 7,14 7,70 7,98 8,87 9,59 10,24 10,86 11,54 12,22 12,72 13,36 14,09 14,73 14,95 15,88 16,66 17,42 18,04 19,03 19,66 19,92

SCAVI E BONIFICHE	
SCAVO	79,67 m^2
SOVRASTRUTTURA	
BALLAST	1,087 m^2
STRATO DI CLS Rck 15	3,002 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 21
QT. PROG.: 44,883
Progr. km: 4+599,300
Dist. prec.: 1,500
Dist. succ.: 30,000



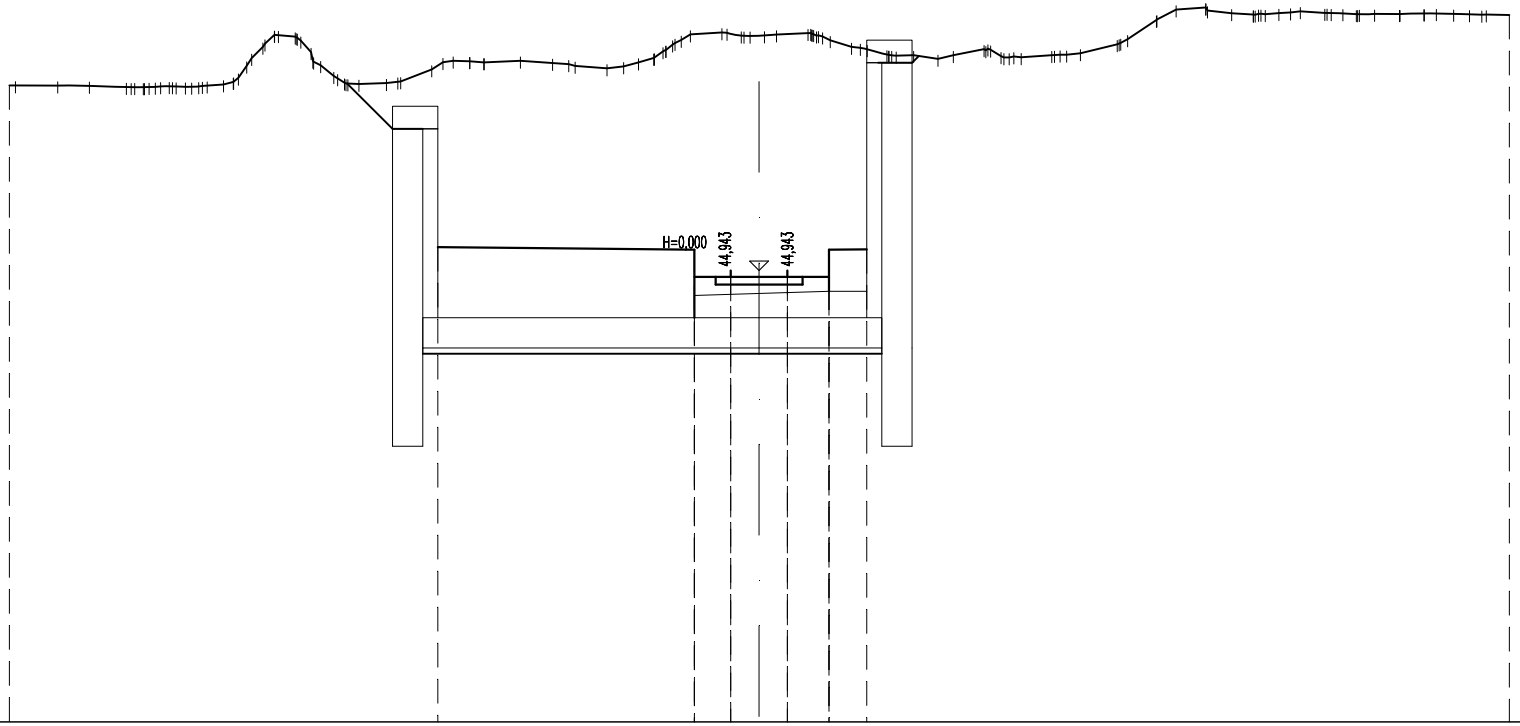
1:200

Qt. rif. 33,000

Quote Progetto	45,47 43,63 45,43 44,33 45,43 45,44
Quote Terreno	49,61 49,64 49,62 49,60 49,58 49,54 49,55 49,58 49,82 49,94 50,40 50,50 50,35 50,15 49,92 49,76 51,93 51,95 51,17 50,82 50,61 50,51 50,41 50,34 50,34 50,47 50,65 51,01 51,25 51,21 51,12 51,13 51,24 51,17 50,92 50,69 50,57 50,47 51,56 50,39 50,31 50,43 50,37 50,38 50,39 51,56 51,91 52,29 52,28 52,08 52,08 52,09 52,08 52,06 52,07 52,09 52,08 52,08 52,11 52,04 52,06 52,06
Distanze Progetto	-5,50 -1,71 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,84 -19,22 -18,41 -17,64 -16,85 -15,93 -15,27 -14,74 -14,03 -13,53 -12,72 -12,02 -11,51 -10,72 -10,20 -9,28 -8,60 -8,07 -7,38 -6,72 -6,04 -5,53 -4,87 -4,30 -3,79 -3,15 -2,57 -1,94 -1,42 -1,13 -0,32 0,25 0,79 1,35 1,93 2,54 3,18 3,75 4,30 5,29 5,83 6,10 7,63 8,15 8,48 9,28 10,09 10,62 11,21 11,87 12,44 13,78 14,79 15,43 15,80 16,70 17,10 17,77 18,30 18,97 19,58 19,82

SCAVI E BONIFICHE	
SCAVO	99,11 m^2
SOVRASTRUTTURA	
BALLAST	1,086 m^2
STRATO DI CLS Rck 15	3,002 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 22
QT. PROG.: 44,943
Progr. km: 4+629,300
Dist. prec.: 30,000
Dist. succ.: 20,700



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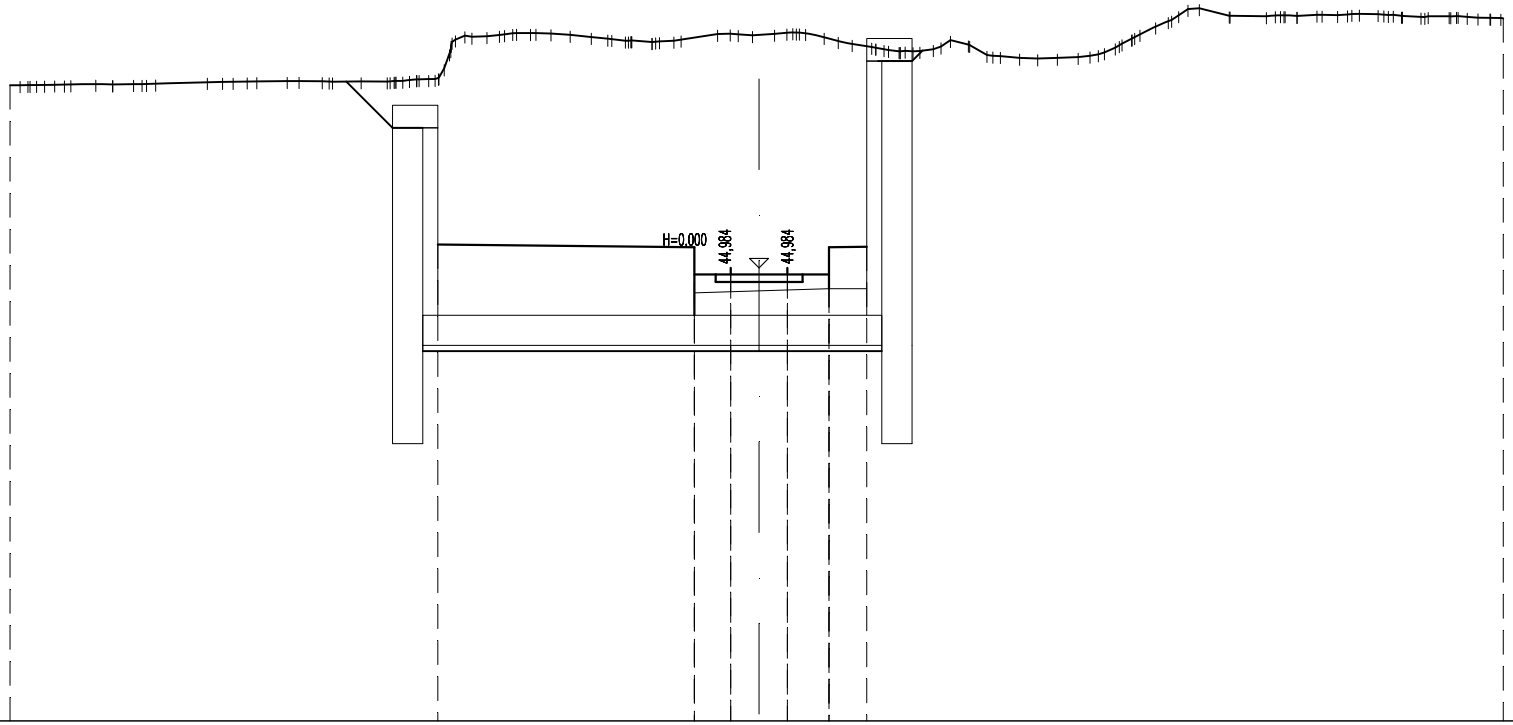
Qt. rif. 33,000

Quote Progetto	45,56 43,69 45,49 44,39 45,49 45,50
Quote Terreno	49,84 49,84 49,84 49,83 49,80 49,80 49,82 49,80 49,87 50,36 51,18 51,13 50,37 49,91 49,88 49,90 49,95 50,26 50,49 50,45 50,49 50,43 50,36 50,29 50,45 50,74 51,19 51,24 51,16 51,16 51,19 51,22 51,03 50,86 50,66 50,64 50,54 50,64 50,80 50,58 50,58 50,64 50,69 50,93 51,06 51,57 51,85 51,90 51,75 51,71 51,75 51,80 51,76 51,72 51,73 51,73 51,74 51,73 51,71 51,70
Distanze Progetto	-8,50 -1,71 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,84 -19,68 -18,56 -17,72 -16,74 -16,14 -15,61 -15,01 -14,17 -13,56 -12,82 -12,27 -11,60 -10,97 -10,59 -9,86 -9,48 -8,66 -8,09 -7,28 -6,32 -5,47 -4,86 -4,02 -3,19 -2,54 -1,82 -0,98 -0,47 0,15 0,46 1,30 1,88 2,45 3,38 4,09 4,74 5,14 5,95 6,48 6,94 7,74 8,50 9,48 9,76 10,51 11,04 11,82 12,51 13,08 13,75 14,32 14,97 15,81 16,29 16,95 17,59 18,38 19,13 19,85

SCAVI E BONIFICHE	
SCAVO	102,22 m^2
SOVRASTRUTTURA	
BALLAST	1,086 m^2
STRATO DI CLS Rck 15	3,002 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 23
QT. PROG.: 44,984
Progr. km: 4+650,000
Dist. prec.: 20,700
Dist. succ.: 29,300



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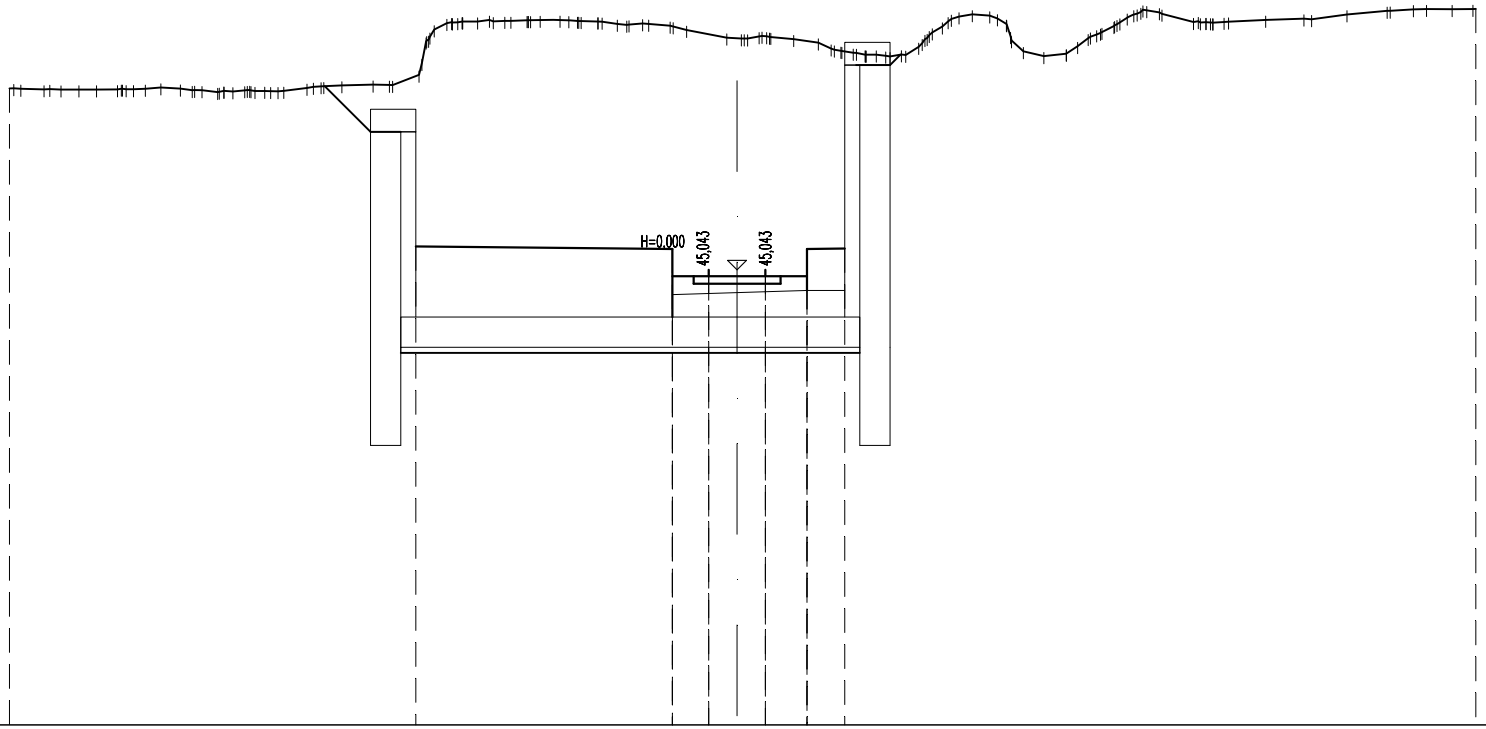
Qt. rif. 33,000

Quote Progetto	45,60 43,73 45,53 44,44 45,53 45,54
Quote Terreno	49,82 49,82 49,83 49,84 49,85 49,84 49,85 49,86 49,90 49,91 49,92 49,93 49,92 49,91 49,92 49,92 49,95 49,98 50,66 51,10 51,15 51,20 51,19 51,15 51,09 51,04 51,01 50,96 50,99 51,02 51,17 51,17 51,15 51,21 51,09 50,91 50,83 50,72 50,73 50,84 50,89 50,60 50,54 50,54 50,56 50,64 50,88 51,18 51,51 51,83 51,85 51,66 51,64 51,65 51,68 51,67 51,71 51,69 51,63 51,64 51,61 51,60 51,59
Distanze Progetto	-8,50 -1,71 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,82 -19,29 -18,64 -18,21 -17,55 -17,10 -16,55 -15,97 -14,60 -13,92 -13,29 -12,48 -11,56 -11,29 -10,53 -9,84 -9,25 -8,74 -8,19 -7,60 -6,87 -6,05 -5,50 -5,00 -4,44 -3,90 -3,39 -2,83 -2,25 -2,06 -1,10 -0,55 0,00 0,74 1,72 2,46 2,98 3,71 4,26 4,81 5,54 6,19 6,90 7,89 8,44 8,98 9,54 10,08 10,83 11,35 11,65 12,44 13,43 14,23 14,76 15,31 15,88 16,53 17,52 18,26 19,02 19,63 19,69

SCAVI E BONIFICHE	
SCAVO	105,09 m^2
SOVRASTRUTTURA	
BALLAST	1,086 m^2
STRATO DI CLS Rck 15	3,002 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 24
QT. PROG.: 45,043
Progr. km: 4+679,300
Dist. prec.: 29,300
Dist. succ.: 1,500



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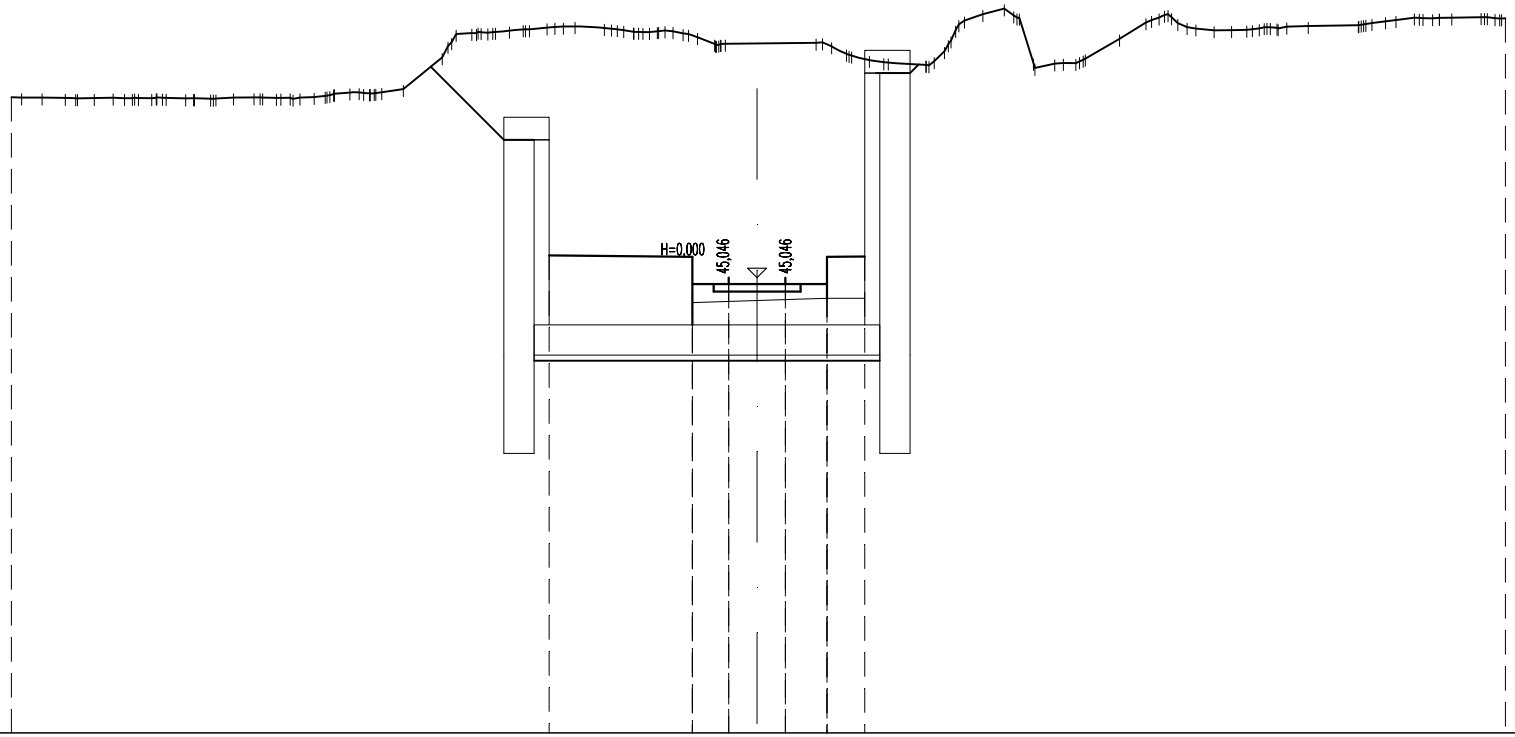
Qt. rif. 33,000

Quote Progetto	45,66 43,79 45,59 44,49 45,59 45,60
Quote Terreno	49,84 49,81 49,81 49,81 49,81 49,83 49,83 49,79 49,78 49,79 49,77 49,77 49,85 49,92 49,94 49,93 50,20 51,57 51,61 51,62 51,64 51,65 51,62 51,60 51,52 51,55 51,50 51,39 51,18 51,16 51,22 51,14 51,05 50,83 50,73 50,70 50,73 51,15 51,62 51,80 51,69 50,82 50,69 50,76 51,17 51,49 51,80 51,85 51,60 51,58 51,61 51,65 51,69 51,67 51,80 51,89 51,93 51,94 51,94 51,95
Distanze Progetto	-8,50 -1,71 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,25 -18,34 -17,42 -16,95 -16,40 -15,66 -14,73 -14,16 -13,58 -13,03 -12,50 -11,99 -11,38 -10,46 -9,63 -9,11 -8,41 -7,68 -6,86 -6,15 -5,56 -4,68 -4,13 -3,57 -2,92 -2,34 -1,77 -1,33 -0,27 0,28 0,78 1,50 2,15 2,75 3,39 3,93 4,46 4,97 5,59 6,23 6,89 7,58 8,12 8,71 9,29 9,97 10,50 11,18 12,08 12,59 13,01 13,99 15,00 15,20 16,14 17,20 17,90 18,25 18,92 19,47 19,55

SCAVI E BONIFICHE	
SCAVO	83,84 m^2
SOVRASTRUTTURA	
BALLAST	1,086 m^2
STRATO DI CLS Rck 15	3,002 m^2
CLS MARCIAPIEDE DX	1,104 m^2

SEZIONE N°: 24a
QT. PROG.: 45,046
Progr. km: 4+680,800
Dist. prec.: 1,500
Dist. succ.: 28,500



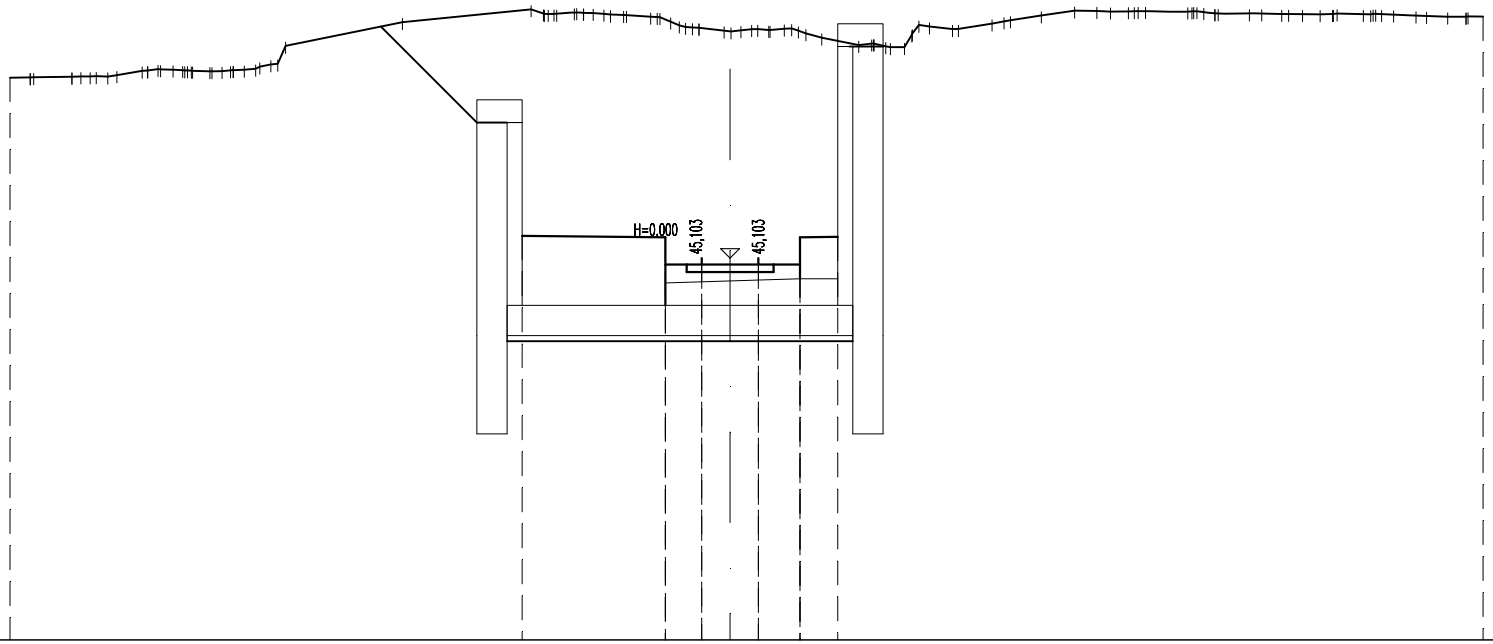
1:200

Qt. rif. 33,000

Quote Progetto	45,63 43,80 45,60 44,50 45,60 45,61
Quote Terreno	49,82 49,81 49,80 49,80 49,81 49,79 49,79 49,79 49,78 49,81 49,81 49,80 49,81 49,85 49,94 49,92 50,03 50,87 51,52 51,54 51,62 51,66 51,70 51,65 51,59 51,54 51,58 51,49 51,23 51,23 51,24 51,26 50,97 50,80 50,74 50,67 51,22 52,02 52,17 50,73 50,71 50,72 50,84 51,36 51,80 52,02 51,68 51,59 51,60 51,67 51,68 51,70 51,72 51,83 51,92 51,92 51,94 51,90 51,91
Distanze Progetto	-5,50 -1,71 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,73 -18,92 -18,30 -17,54 -17,04 -16,53 -16,02 -15,12 -14,46 -13,85 -13,31 -12,72 -12,10 -11,43 -10,78 -10,25 -9,36 -8,33 -7,55 -6,99 -6,19 -5,56 -4,82 -4,04 -3,53 -3,02 -2,44 -1,82 -1,12 -0,84 0,00 1,56 2,37 2,97 3,47 4,47 5,06 5,98 6,54 7,31 7,88 8,44 8,69 9,59 10,29 10,88 11,38 12,10 12,96 13,49 14,02 14,59 15,91 16,63 17,39 18,05 18,39 19,16 19,70 19,80

SCAVI E BONIFICHE	
SCAVO	102,40 m²
SOVRASTRUTTURA	
BALLAST	1,086 m²
STRATO DI CLS Rck 15	3,002 m²
CLS MARCIAPIEDE DX	1,104 m²

SEZIONE N°: 25
QT. PROG.: 45,103
Progr. km: 4+709,300
Dist. prec.: 28,500
Dist. succ.: 1,500



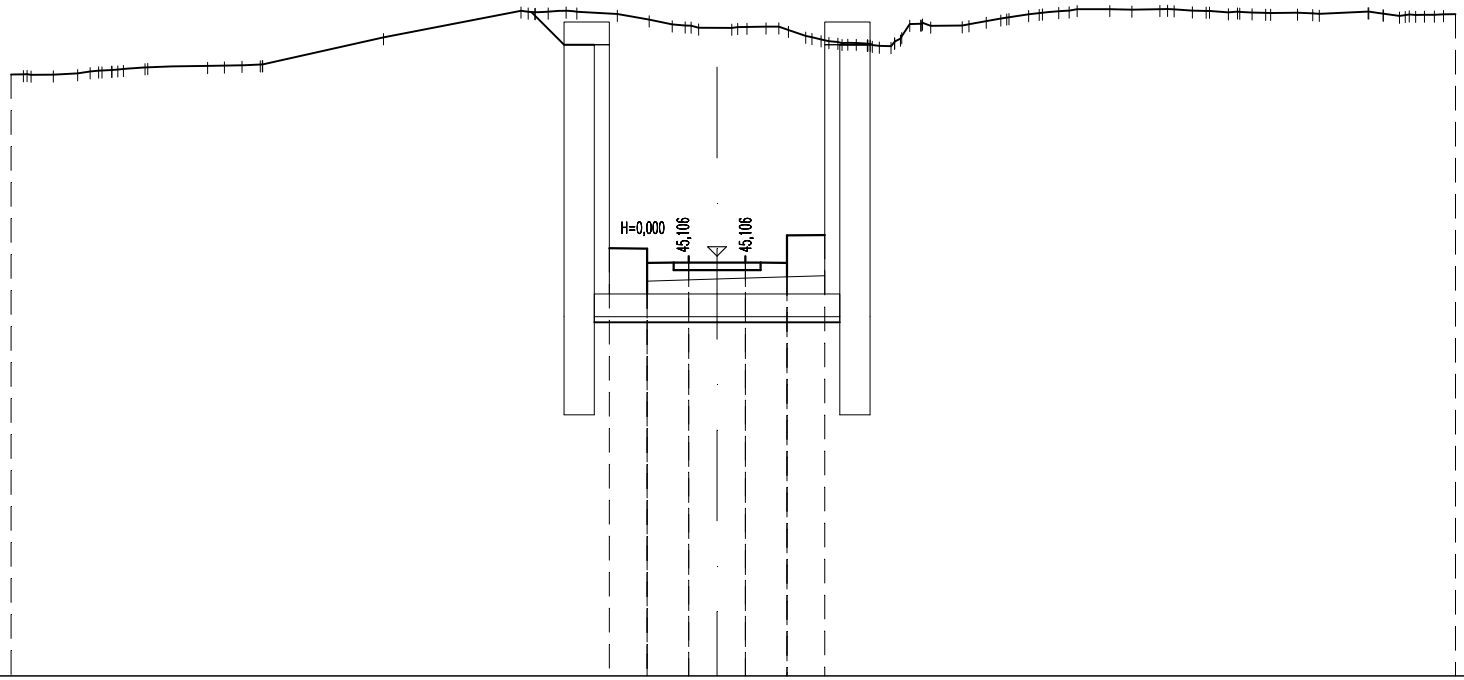
1:200

Qt. rif. 35,000

Quote Progetto	45,69 43,85 43,65 44,55 43,65 43,66
Quote Terreno	49,88 49,88 49,89 49,90 49,92 49,94 50,06 50,09 50,06 50,04 50,08 50,11 50,24 50,72 51,35 51,68 51,57 51,60 51,59 51,53 51,49 51,36 51,21 51,12 51,16 51,17 51,05 50,93 50,74 50,71 51,02 51,23 51,16 51,16 51,31 51,39 51,52 51,65 51,64 51,63 51,64 51,63 51,58 51,58 51,56 51,56 51,56 51,56 51,54 51,52 51,49 51,49 51,49
Distanze Progetto	-5,50 -1,71 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,05 -18,52 -18,43 -17,42 -16,77 -16,22 -15,55 -14,74 -14,22 -13,71 -13,15 -12,56 -11,97 -11,76 -8,67 -5,27 -4,66 -4,12 -3,62 -2,82 -2,10 -1,57 -1,00 -0,16 0,57 1,44 2,01 2,43 3,41 4,12 4,81 5,28 5,88 6,04 6,93 7,42 8,24 9,12 9,71 10,54 10,99 12,11 12,83 13,74 14,60 15,15 15,94 16,76 17,56 18,15 18,99 19,53 19,92

SCAVI E BONIFICHE	
SCAVO	52,05 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 25a
QT. PROG.: 45,106
Progr. km: 4+710,800
Dist. prec.: 1,500
Dist. succ.: 11,203



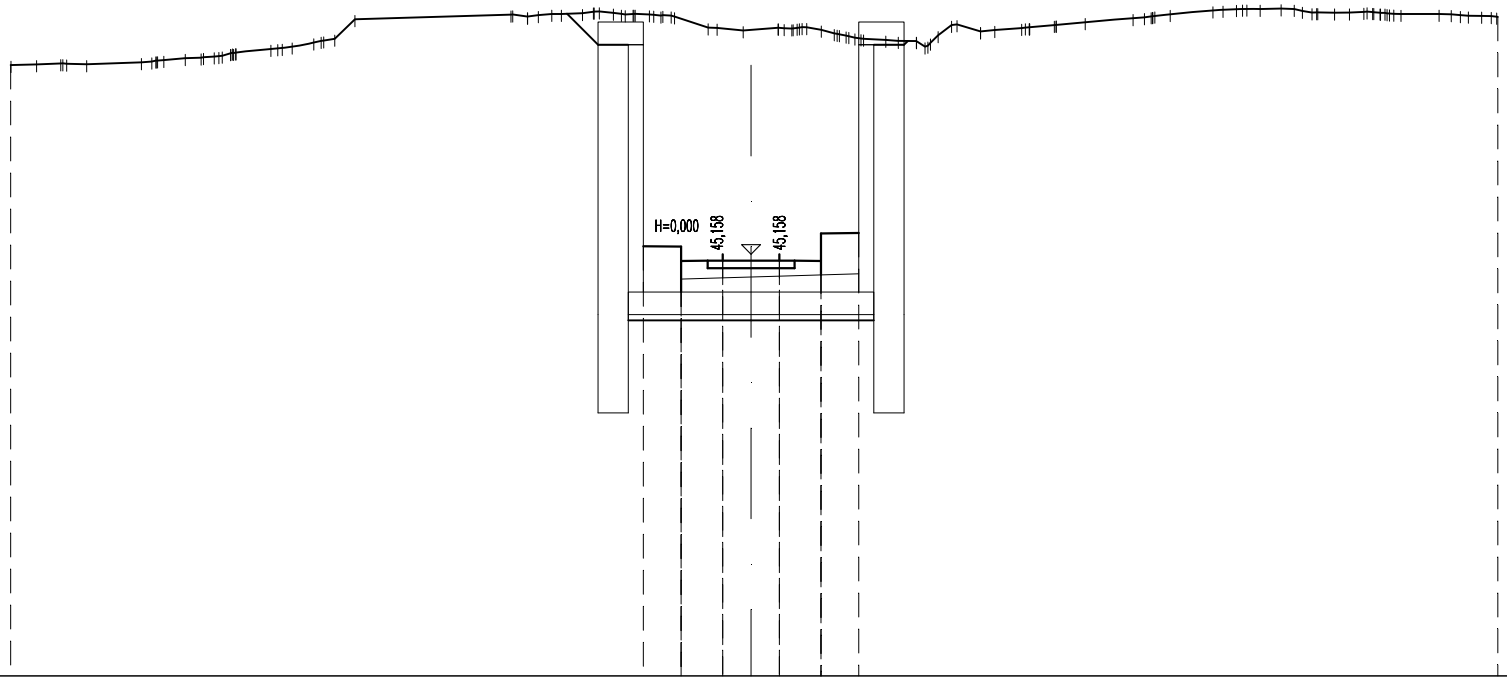
1:200

Qt. rif. 34,000

Quote Progetto	45,32 44,11 45,31 44,56 45,66 45,67
Quote Terreno	49,91 49,90 49,91 49,94 50,01 50,04 50,10 50,11 50,13 50,16 50,18 50,18 50,90 51,60 51,57 51,57 51,51 51,37 51,24 51,15 51,15 51,18 51,09 50,90 50,77 50,73 50,66 51,25 51,20 51,21 51,33 51,41 51,51 51,59 51,64 51,64 51,63 51,64 51,60 51,55 51,55 51,54 51,54 51,52 51,58 51,46 51,49 51,51 51,51
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-18,68 -18,15 -17,56 -16,92 -16,37 -15,86 -15,14 -15,07 -13,48 -12,57 -12,03 -12,02 -8,82 -5,19 -4,47 -3,71 -2,64 -1,80 -1,19 -0,49 0,39 1,30 1,89 2,51 3,20 3,98 4,60 5,39 5,65 6,49 7,12 7,66 8,25 9,04 9,53 10,39 10,98 11,72 12,58 13,53 14,16 14,65 15,36 15,94 17,23 18,06 18,72 19,22 19,54

SCAVI E BONIFICHE	
SCAVO	51,64 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 26
QT. PROG.: 45,158
Progr. km: 4+722,003
Dist. prec.: 11,203
Dist. succ.: 36,048



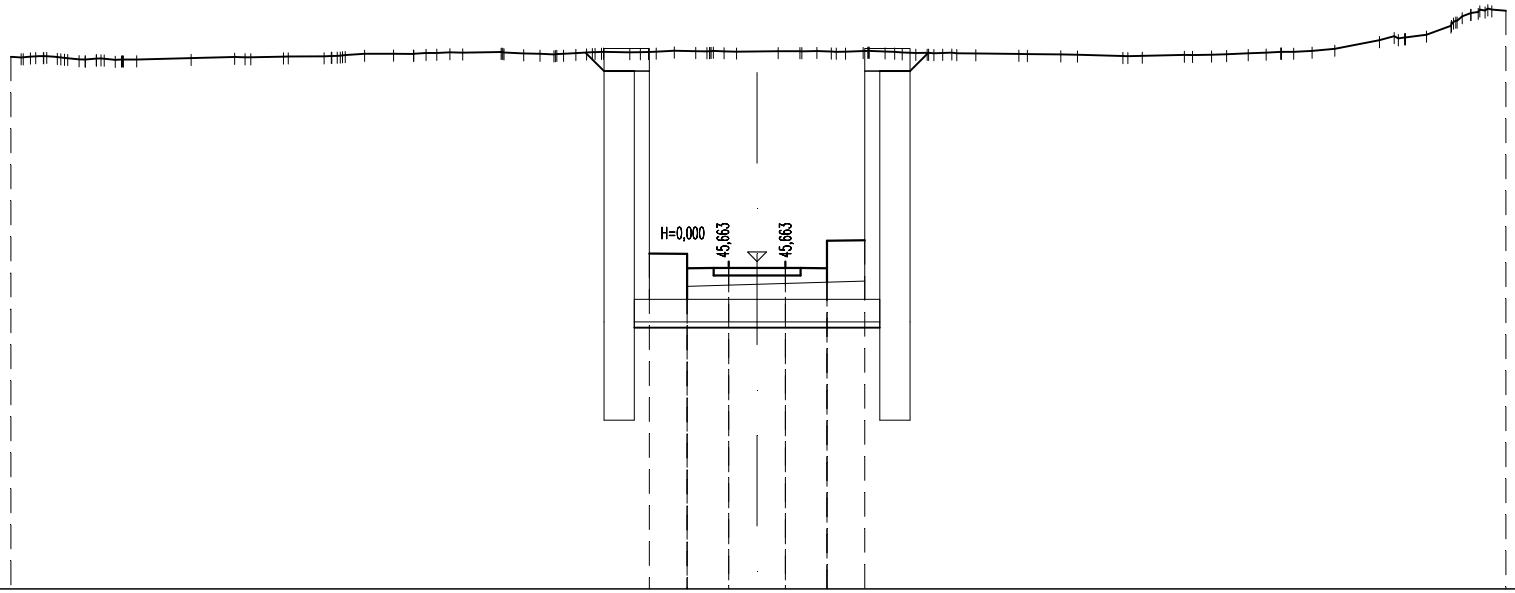
1:200

Qt. rif. 34,000

Quote Progetto	45,37 44,16 45,36 44,61 45,71 45,72
Quote Terreno	50,16 50,18 50,20 50,18 50,23 50,29 50,34 50,39 50,48 50,59 50,65 50,76 50,86 51,37 51,49 51,48 51,51 51,53 51,54 51,51 51,49 51,45 51,15 51,08 51,15 51,15 51,09 50,94 50,86 50,83 50,80 50,95 51,24 51,05 51,09 51,14 51,22 51,30 51,40 51,45 51,51 51,60 51,64 51,64 51,66 51,59 51,55 51,57 51,54 51,51 51,51 51,48 51,46 51,44
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,59 -18,91 -18,27 -17,58 -16,13 -15,54 -14,97 -14,21 -13,69 -12,70 -12,14 -11,57 -11,01 -10,48 -6,35 -5,63 -5,02 -4,46 -3,64 -3,12 -2,58 -2,02 -1,13 -0,21 0,71 1,22 1,86 2,52 2,98 3,56 4,37 4,95 5,45 6,07 6,45 7,16 8,02 8,84 10,11 10,62 11,09 12,22 12,85 13,47 14,02 14,59 15,44 16,22 16,78 17,20 18,21 18,77 19,33 19,76

SCAVI E BONIFICHE	
SCAVO	48,55 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 27
QT. PROG.: 45,663
Progr. km: 4+758,051
Dist. prec.: 36,048
Dist. succ.: 41,949



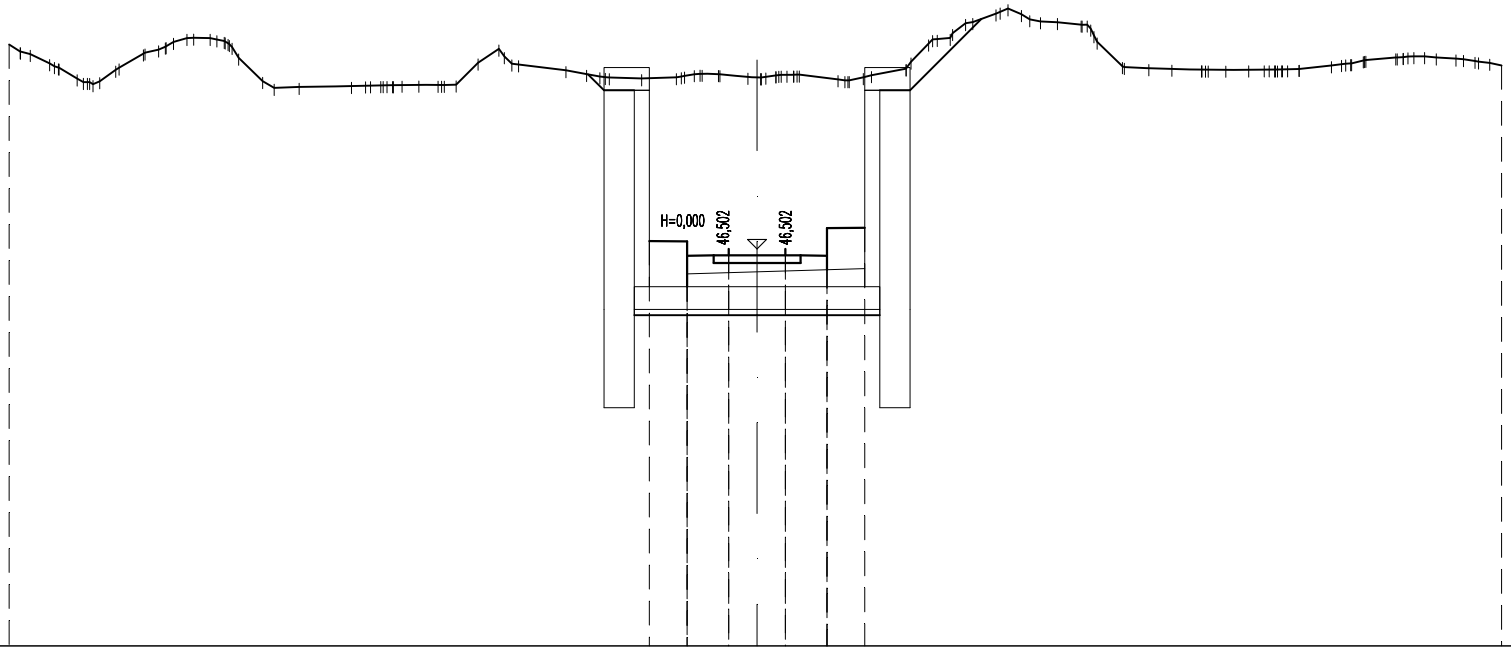
1:200

Qt. rif. 37,000

Quote Progetto	45,87 44,66 45,86 45,11 46,21 46,22
Quote Terreno	51,08 51,08 51,07 51,01 51,03 51,00 51,01 51,05 51,07 51,06 51,08 51,09 51,09 51,12 51,16 51,16 51,16 51,18 51,19 51,21 51,17 51,14 51,18 51,20 51,20 51,21 51,24 51,23 51,22 51,22 51,23 51,22 51,22 51,23 51,22 51,18 51,18 51,17 51,16 51,15 51,14 51,13 51,10 51,10 51,13 51,13 51,17 51,21 51,24 51,29 51,52 51,57 51,66 51,90 52,24 52,33 52,30
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,75 -19,23 -18,52 -17,94 -17,36 -16,82 -16,42 -14,98 -13,82 -13,40 -12,53 -12,40 -11,45 -10,90 -10,39 -9,62 -9,09 -8,48 -7,79 -6,77 -6,17 -5,38 -4,80 -4,29 -3,37 -2,67 -2,19 -1,62 -0,87 0,00 0,56 1,14 1,96 2,81 3,39 4,20 4,91 5,79 6,93 7,15 8,04 8,48 9,68 10,19 11,31 12,03 13,00 13,86 14,69 15,29 16,47 16,97 17,72 18,36 18,88 19,44 19,82

SCAVI E BONIFICHE	
SCAVO	42,68 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 28
QT. PROG.: 46,502
Progr. km: 4+800,000
Dist. prec.: 41,949
Dist. succ.: 50,000



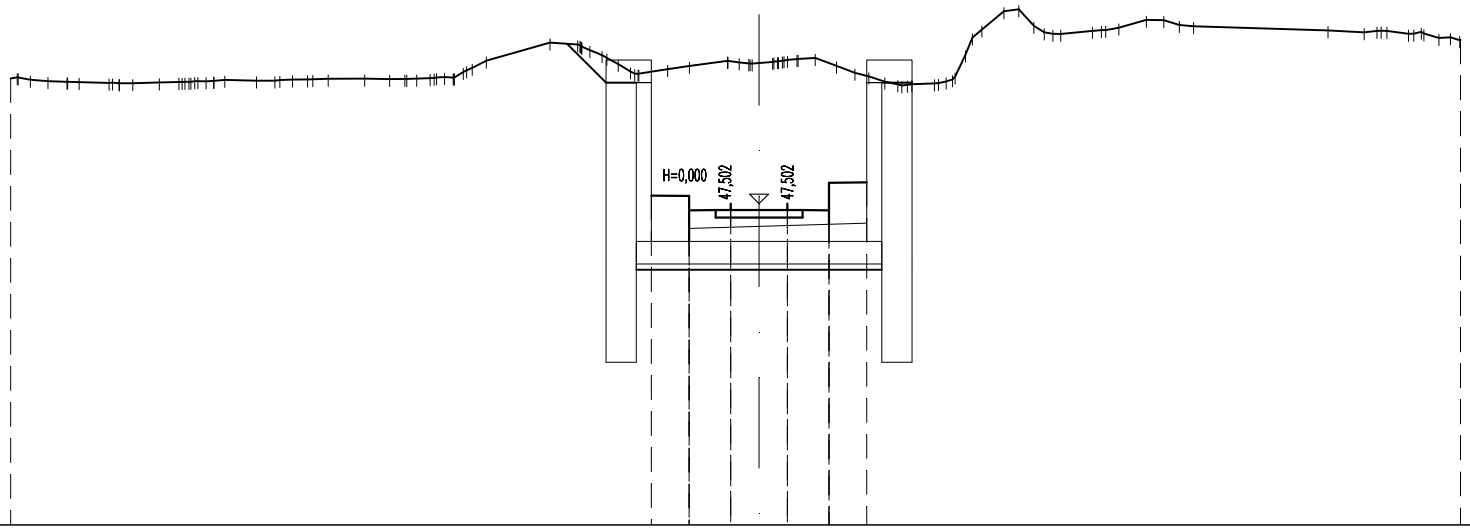
1:200

Qt. rif. 36,000

Quote Progetto	46,71 45,50 46,70 45,95 47,05 47,06
Quote Terreno	51,91 51,66 51,41 51,01 50,94 51,30 51,67 51,85 52,08 52,08 51,92 50,94 50,79 50,81 50,83 50,83 50,84 50,84 50,85 51,43 51,80 51,38 51,23 51,13 51,04 51,02 51,04 51,13 51,12 51,05 51,09 51,11 51,11 50,99 51,04 51,10 51,27 51,94 52,08 52,50 52,73 52,71 52,52 52,50 52,44 51,98 51,34 51,28 51,27 51,25 51,24 51,25 51,25 51,26 51,36 51,41 51,50 51,57 51,60 51,54 51,47 51,36
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,79 -19,23 -18,72 -17,99 -17,39 -16,88 -16,24 -15,66 -15,09 -14,47 -13,96 -13,08 -12,12 -10,73 -10,23 -9,65 -8,95 -8,44 -7,96 -7,38 -6,83 -6,31 -5,06 -4,51 -3,91 -3,05 -2,13 -1,51 -0,98 -0,24 0,50 1,06 1,12 2,14 2,81 3,03 3,94 4,54 5,11 5,71 6,32 7,00 7,50 7,95 8,58 9,00 9,67 10,37 10,98 11,76 12,40 13,01 13,55 14,34 15,20 15,71 16,11 16,90 17,66 18,49 19,00 19,70

SCAVI E BONIFICHE	
SCAVO	35,82 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 29
QT. PROG.: 47,502
Progr. km: 4+850,000
Dist. prec.: 50,000
Dist. succ.: 50,000



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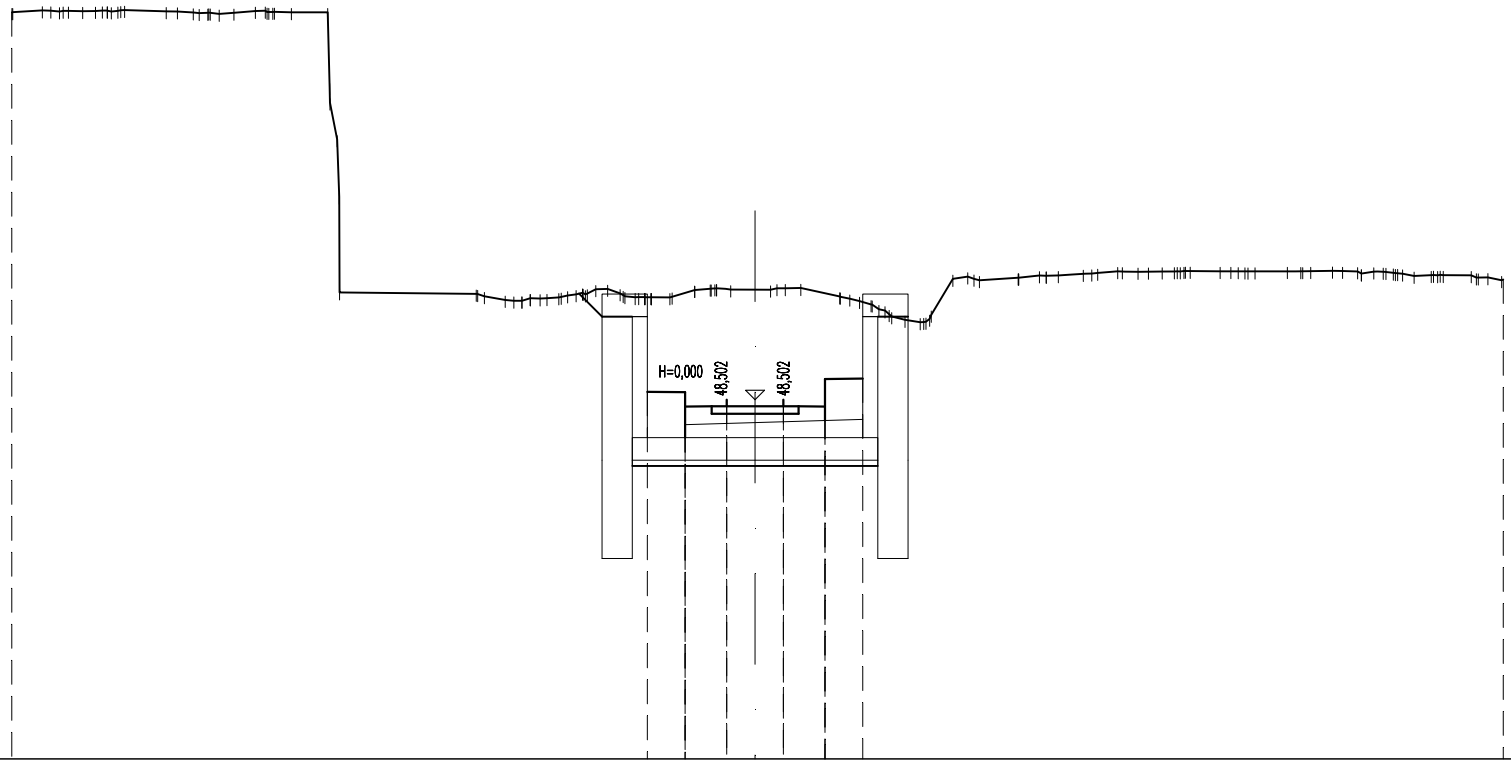
Qt. rif. 39,000

Quote Progetto	47,71 46,50 47,70 46,95 48,05 48,06
Quote Terreno	50,81 50,78 50,72 50,71 50,69 50,68 50,70 50,72 50,74 50,77 50,75 50,77 50,78 50,80 50,81 50,80 50,81 50,84 50,98 51,28 51,76 51,71 51,43 50,99 51,06 51,14 51,28 51,21 51,25 51,32 51,35 51,15 50,87 50,65 50,68 50,86 52,10 52,59 52,20 51,99 51,99 52,07 52,16 52,36 52,23 52,19 52,08 52,03 52,07 51,99 51,88 51,83 51,83
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,80 -19,28 -18,31 -17,99 -17,20 -16,57 -15,87 -15,35 -14,85 -14,14 -13,30 -12,68 -11,95 -11,40 -10,43 -9,77 -9,06 -8,53 -7,83 -7,22 -5,53 -4,80 -4,16 -3,40 -2,42 -1,84 -0,84 -0,27 0,36 1,00 1,48 2,05 2,91 3,67 4,64 5,19 5,89 6,48 7,27 7,78 7,98 8,82 9,52 10,25 11,12 11,50 15,06 16,01 16,61 17,19 17,99 18,54 18,56

SCAVI E BONIFICHE	
SCAVO	30,48 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 30
QT. PROG.: 48,502
Progr. km: 4+900,000
Dist. prec.: 50,000
Dist. succ.: 50,000



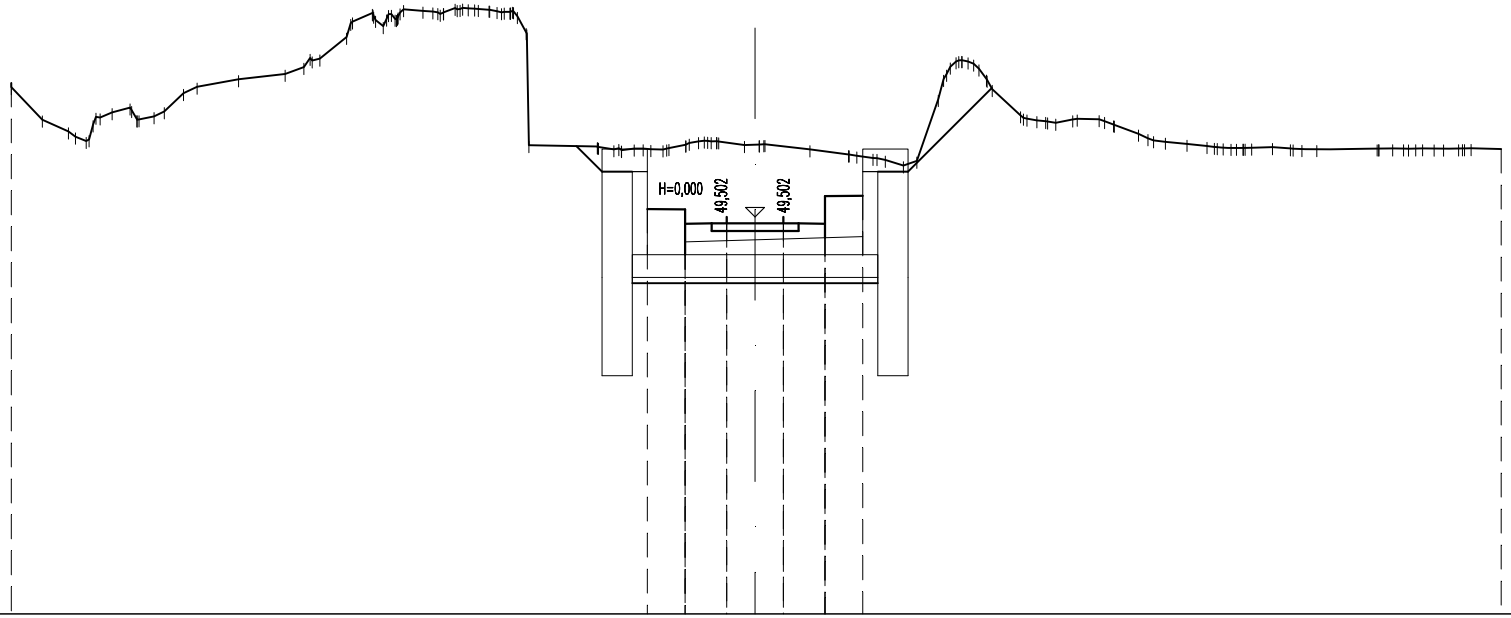
1:200

Qt. rif. 39,000

Quote Progetto	48,71 47,50 48,70 47,95 49,05 49,06
Quote Terreno	58,75 58,80 58,79 58,78 58,80 58,81 58,78 58,75 58,71 58,79 58,77 58,75 58,75 51,34 51,30 51,14 51,19 51,21 51,33 51,43 51,22 51,21 51,41 51,45 51,42 51,42 51,45 51,46 51,23 51,11 50,90 50,62 50,56 51,70 51,70 51,66 51,73 51,79 51,79 51,83 51,90 51,89 51,90 51,91 51,90 51,89 51,89 51,91 51,90 51,92 51,90 51,89 51,84 51,80 51,80 51,80 51,66 51,69
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,67 -18,86 -18,31 -17,79 -17,27 -16,68 -15,58 -14,87 -14,18 -13,22 -12,72 -12,27 -11,31 -11,00 -7,38 -6,61 -5,95 -5,19 -4,56 -3,90 -3,17 -2,25 -1,60 -1,06 -0,65 0,00 0,58 1,21 2,24 2,77 3,28 3,97 4,52 5,23 5,79 5,94 6,96 7,52 8,02 8,68 9,60 10,13 10,78 11,35 12,31 12,96 13,23 14,08 14,70 15,28 15,94 16,62 17,13 17,89 18,21 18,95 19,76 19,80

SCAVI E BONIFICHE	
SCAVO	29,24 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 31
QT. PROG.: 49,502
Progr. km: 4+950,000
Dist. prec.: 50,000
Dist. succ.: 30,000



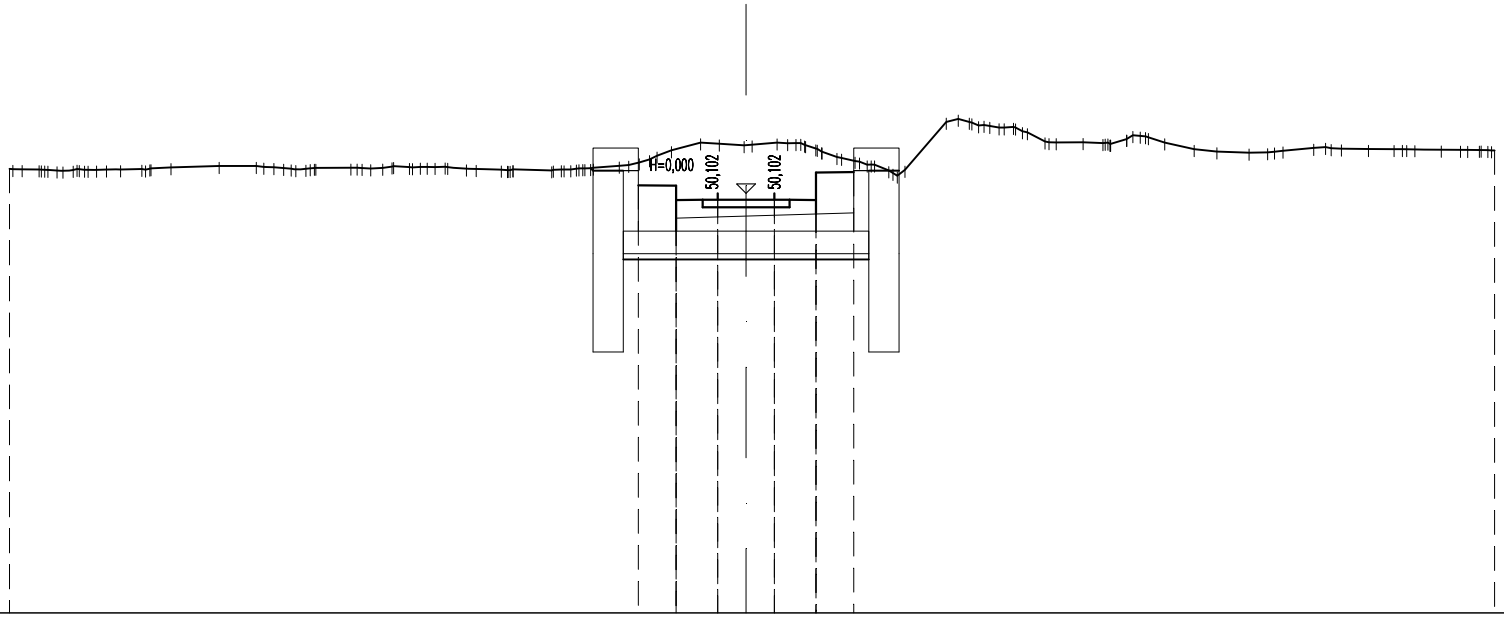
1:200

Qt. rif. 39,000

Quote Progetto	49,71 48,50 49,70 48,95 50,05 50,06
Quote Terreno	53,05 52,08 51,76 51,55 52,27 52,33 52,16 52,78 52,95 53,14 53,29 53,71 54,27 54,90 54,87 54,96 54,91 55,04 54,98 54,93 51,40 51,37 51,32 51,31 51,29 51,42 51,51 51,40 51,42 51,43 51,29 51,15 51,06 50,86 52,62 53,65 53,42 52,89 52,19 52,04 52,08 52,09 51,94 51,70 51,49 51,43 51,38 51,32 51,33 51,35 51,31 51,29 51,31 51,31 51,32 51,31 51,32 51,30
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,68 -18,86 -18,17 -17,62 -17,01 -16,50 -15,90 -15,12 -14,76 -13,67 -12,44 -11,77 -10,81 -10,13 -9,62 -8,79 -8,25 -7,74 -7,04 -6,48 -5,99 -4,17 -3,61 -2,96 -2,44 -1,84 -1,26 -0,28 0,23 0,26 1,45 2,48 3,12 3,92 4,85 5,39 5,93 6,28 7,03 7,69 8,41 9,10 9,51 10,15 10,86 11,43 11,96 12,59 13,14 13,69 14,24 14,86 16,46 17,16 17,66 18,22 18,77 19,74

SCAVI E BONIFICHE	
SCAVO	18,93 m^2
SOVRASTRUTTURA	
BALLAST	1,141 m^2
STRATO DI CLS Rck 15	1,929 m^2
CLS MARCIAPIEDE DX	1,089 m^2

SEZIONE N°: 32
QT. PROG.: 50,102
Progr. km: 4+980,000
Dist. prec.: 30,000
Dist. succ.: 0,100



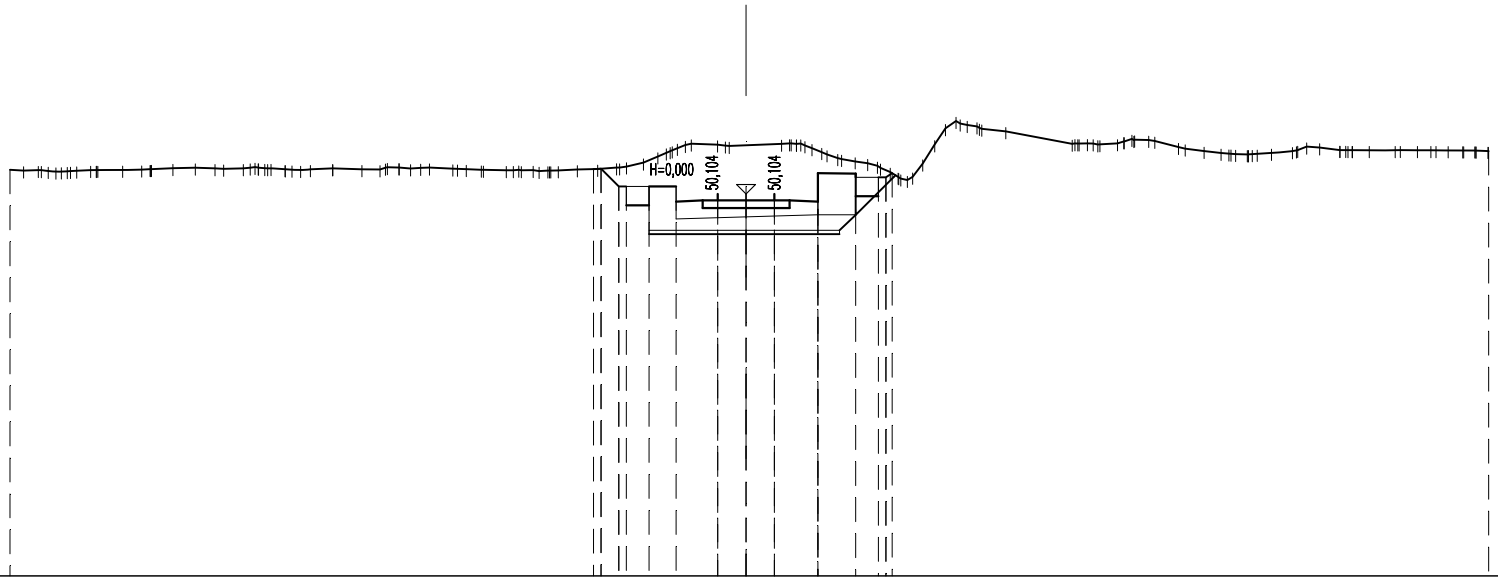
1:200

Qt. rif. 39,000

Quote Progetto	50,31 49,10 50,30 49,55 50,65 50,66
Quote Terreno	50,75 50,73 50,70 50,72 50,73 50,74 50,79 50,82 50,82 50,77 50,75 50,77 50,78 50,76 50,81 50,79 50,80 50,75 50,73 50,73 50,71 50,73 50,77 50,83 50,92 51,24 51,44 51,41 51,37 51,44 51,43 51,29 51,06 50,94 50,71 50,72 51,99 51,99 51,88 51,86 51,47 51,45 51,45 51,43 51,54 51,61 51,44 51,27 51,21 51,17 51,20 51,23 51,30 51,28 51,27 51,27 51,26 51,25 51,25 51,25 51,23
Distanze Progetto	-2,85 -1,85 -0,75 0,75 1,85 2,85
Distanze Terreno	-19,49 -18,71 -18,07 -17,50 -16,92 -15,99 -15,22 -13,94 -12,96 -12,23 -11,65 -11,38 -10,46 -9,93 -9,37 -8,83 -8,23 -7,40 -6,48 -6,17 -5,14 -4,64 -4,11 -3,36 -2,83 -1,97 -1,20 -0,71 -0,05 0,82 1,32 1,85 2,41 3,00 3,78 4,21 5,30 5,91 6,45 7,08 7,91 8,21 8,92 9,44 10,07 10,57 11,08 11,86 12,46 13,31 13,98 14,21 15,02 15,76 16,47 17,15 17,70 18,40 18,91 19,41 19,81

SCAVI E BONIFICHE	
SCAVO	13,16 m^2
SOVRASTRUTTURA	
BALLAST	1,145 m^2
STRATO DI CLS Rck 30	2,493 m^2
CLS MARCIAPIEDE DX	1,093 m^2
MAGRONE	0,504 m^2

SEZIONE N°: 32a
QT. PROG.: 50,104
Progr. km: 4+980,100
Dist. prec.: 0,100
Dist. succ.: 19,900



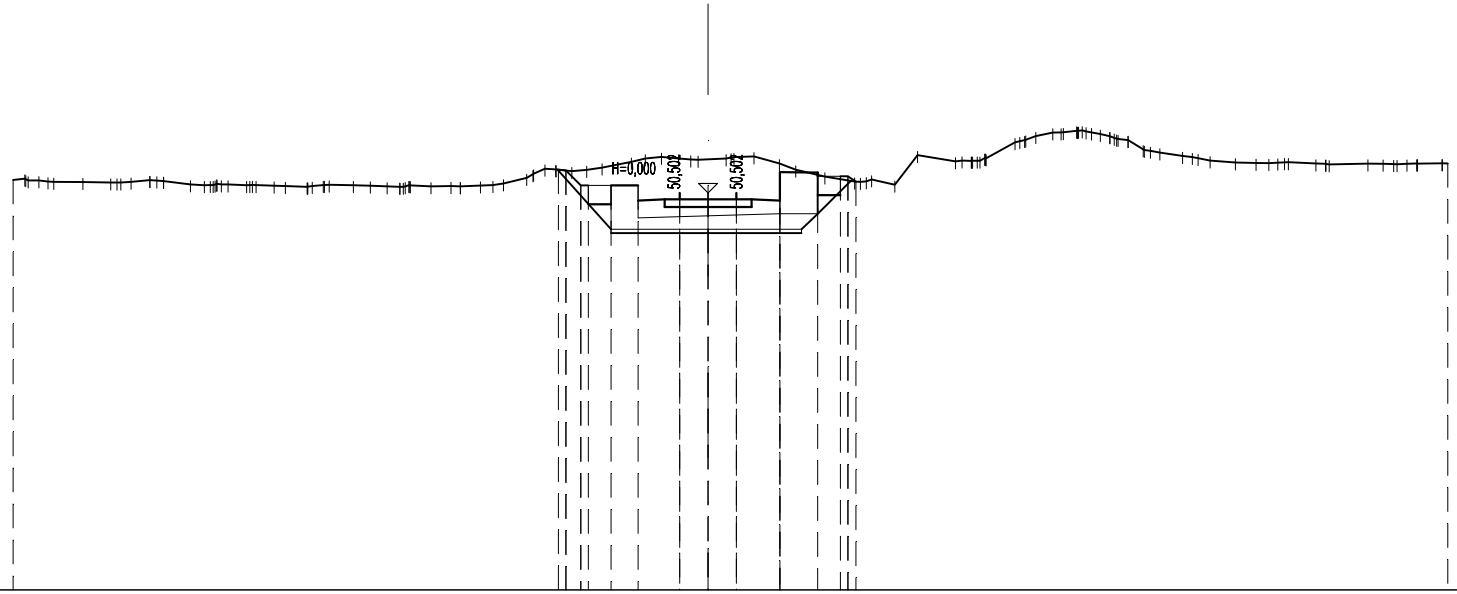
1:200

Qt. rif. 40,000

Quote Progetto	50,30 50,30 49,90 50,64
Quote Terreno	50,74 50,74 50,70 50,74 50,74 50,75 50,79 50,80 50,78 50,78 50,79 50,76 50,76 50,78 50,76 50,80 50,78 50,80 50,78 50,75 50,73 50,74 50,73 50,75 50,77 50,80 50,93 51,20 51,40 51,41 51,39 51,43 51,44 51,21 51,03 50,92 50,69 50,56 51,42 52,04 51,89 51,76 51,43 51,44 51,44 51,53 51,35 51,24 51,17 51,15 51,19 51,23 51,34 51,27 51,26 51,26 51,26 51,25 51,24
Distanze Progetto	-2,57 -1,85 -0,75 0,75 1,90 2,90
Distanze Terreno	-19,48 -18,73 -18,12 -17,34 -16,50 -15,99 -15,16 -14,57 -14,05 -13,30 -12,73 -12,20 -11,53 -10,94 -10,17 -9,54 -8,88 -8,38 -7,76 -7,01 -6,34 -5,63 -4,97 -4,46 -3,93 -3,43 -2,72 -2,11 -1,61 -0,75 0,00 0,94 1,45 2,00 2,53 3,22 3,82 4,41 4,99 5,56 6,11 6,87 8,63 9,19 9,83 10,65 11,44 12,12 12,78 13,28 13,90 14,46 15,18 15,71 16,49 17,18 17,77 18,58 19,29 19,65

SCAVI E BONIFICHE	
SCAVO	11,83 m^2
SOVRASTRUTTURA	
BALLAST	1,145 m^2
STRATO DI CLS Rck 30	2,493 m^2
CLS MARCIAPIEDE DX	1,093 m^2
MAGRONE	0,504 m^2

SEZIONE N°: 33
QT. PROG.: 50,502
Progr. km: 5+000,000
Dist. prec.: 19,900
Dist. succ.: 50,000



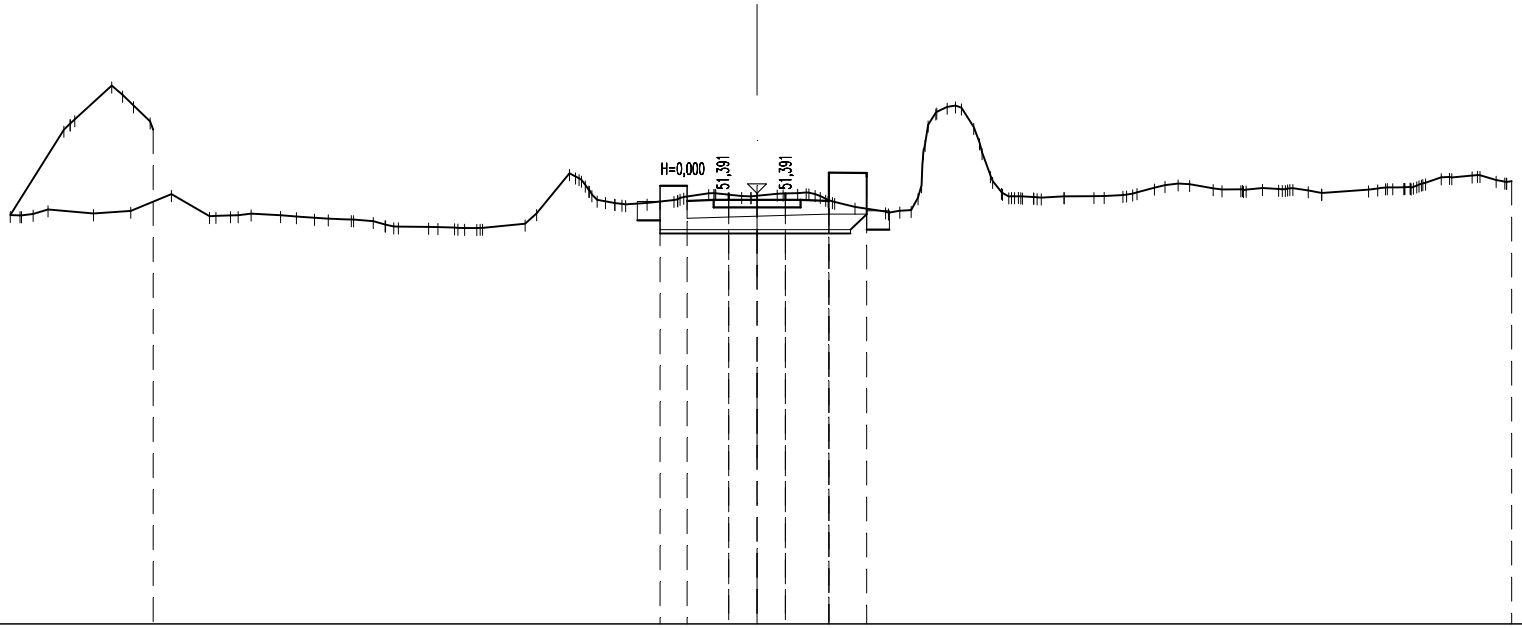
1:200

Qt. rif. 40,000

Quote Progetto	50,70 50,70 50,30 51,04
Quote Terreno	50,85 50,83 50,79 50,79 50,78 50,80 50,84 50,82 50,73 50,71 50,71 50,69 50,67 50,72 50,71 50,68 50,71 50,68 50,68 50,70 50,75 50,90 51,13 51,11 51,17 51,33 51,46 51,39 51,42 51,47 51,28 51,12 50,94 50,80 50,86 50,72 51,50 51,34 51,36 51,84 52,01 52,10 52,16 52,00 51,66 51,57 51,48 51,36 51,31 51,30 51,31 51,32 51,28 51,26 51,28 51,26 51,28 51,29 51,28
Distanze Progetto	-2,57 -1,85 -0,75 0,75 1,90 2,90
Distanze Terreno	-18,39 -17,71 -17,32 -16,54 -15,81 -15,27 -14,77 -14,41 -13,70 -13,17 -12,21 -11,48 -10,61 -10,03 -9,39 -8,49 -7,92 -7,33 -6,80 -6,02 -5,41 -4,80 -4,03 -3,21 -2,80 -2,03 -1,23 -0,46 0,48 1,22 1,89 2,32 3,09 3,88 4,33 4,94 5,54 6,55 7,13 8,12 8,67 9,34 9,90 10,63 11,52 11,96 12,56 13,29 13,95 14,50 15,08 15,36 16,09 16,44 17,46 18,14 18,75 19,42 19,57

SCAVI E BONIFICHE	
SCAVO	5,12 m^2
SOVRASTRUTTURA	
BALLAST	1,145 m^2
STRATO DI CLS Rck 30	2,493 m^2
CLS MARCIAPIEDE DX	1,093 m^2
MAGRONE	0,504 m^2

SEZIONE N°: 34
QT. PROG.: 51,391
Progr. km: 5+050,000
Dist. prec.: 50,000
Dist. succ.: 10,000



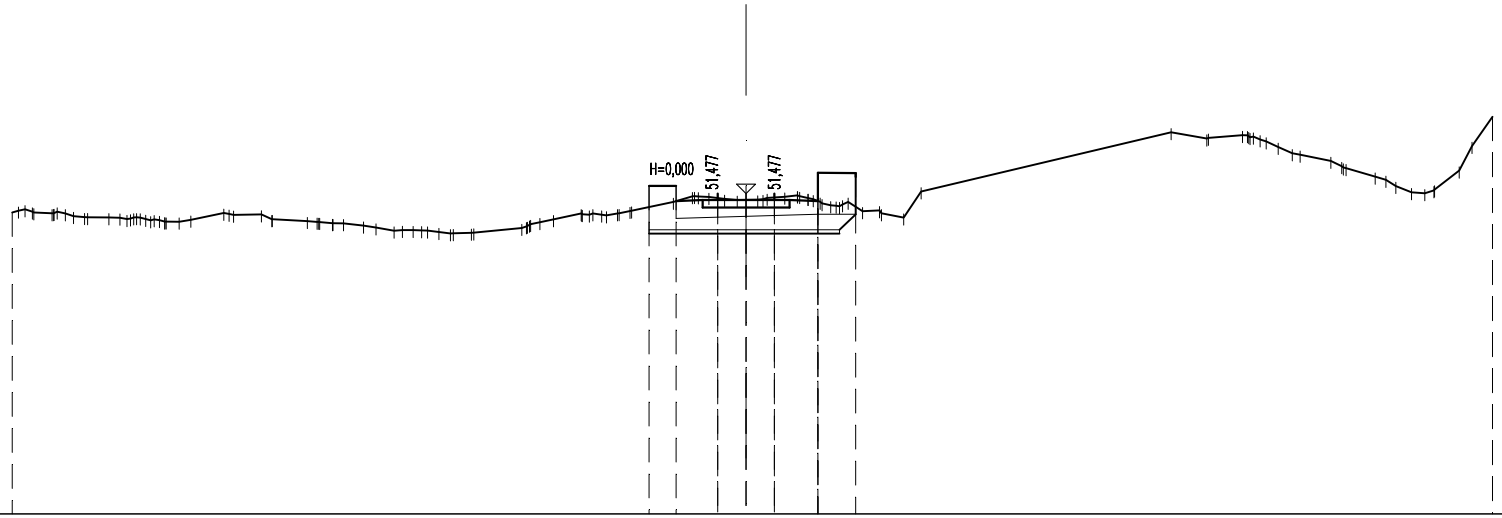
1:200

Qt. rif. 40,000

Quote Progetto	51,59 51,59 51,19 51,93
Quote Terreno	50,82 50,85 53,07 50,86 54,00 53,29 51,37 50,79 50,81 50,86 50,81 50,74 50,71 50,66 50,52 50,50 50,49 50,47 50,48 50,59 50,86 51,92 51,48 51,13 51,14 51,21 51,39 51,32 51,38 51,40 51,32 51,03 50,91 50,95 53,53 53,71 52,74 51,43 51,31 51,28 51,31 51,32 51,35 51,54 51,65 51,53 51,50 51,53 51,50 51,47 51,40 51,49 51,55 51,56 51,81 51,86 51,74 51,71
Distanze Progetto	-2,57 -1,85 -0,75 0,75 1,90 2,90
Distanze Terreno	-19,76 -19,16 -18,34 -17,56 -16,79 -16,06 -15,50 -14,49 -13,93 -13,39 -12,61 -11,71 -10,73 -10,16 -9,61 -8,69 -8,00 -7,42 -7,27 -6,14 -5,83 -4,96 -4,45 -3,77 -2,91 -2,20 -1,28 -0,41 0,53 1,08 1,67 2,59 3,40 4,08 4,73 5,25 5,89 6,47 6,98 7,52 8,12 8,91 9,68 10,52 11,14 12,07 12,80 13,37 13,90 14,58 14,94 16,18 16,82 17,37 18,11 18,92 19,56 19,97

SCAVI E BONIFICHE	
SCAVO	4,72 m^2
SOVRASTRUTTURA	
BALLAST	1,145 m^2
STRATO DI CLS Rck 30	2,493 m^2
CLS MARCIAPIEDE DX	1,093 m^2
MAGRONE	0,504 m^2

SEZIONE N°: 34a
QT. PROG.: 51,477
Progr. km: 5+060,000
Dist. prec.: 10,000
Dist. succ.: 21,419



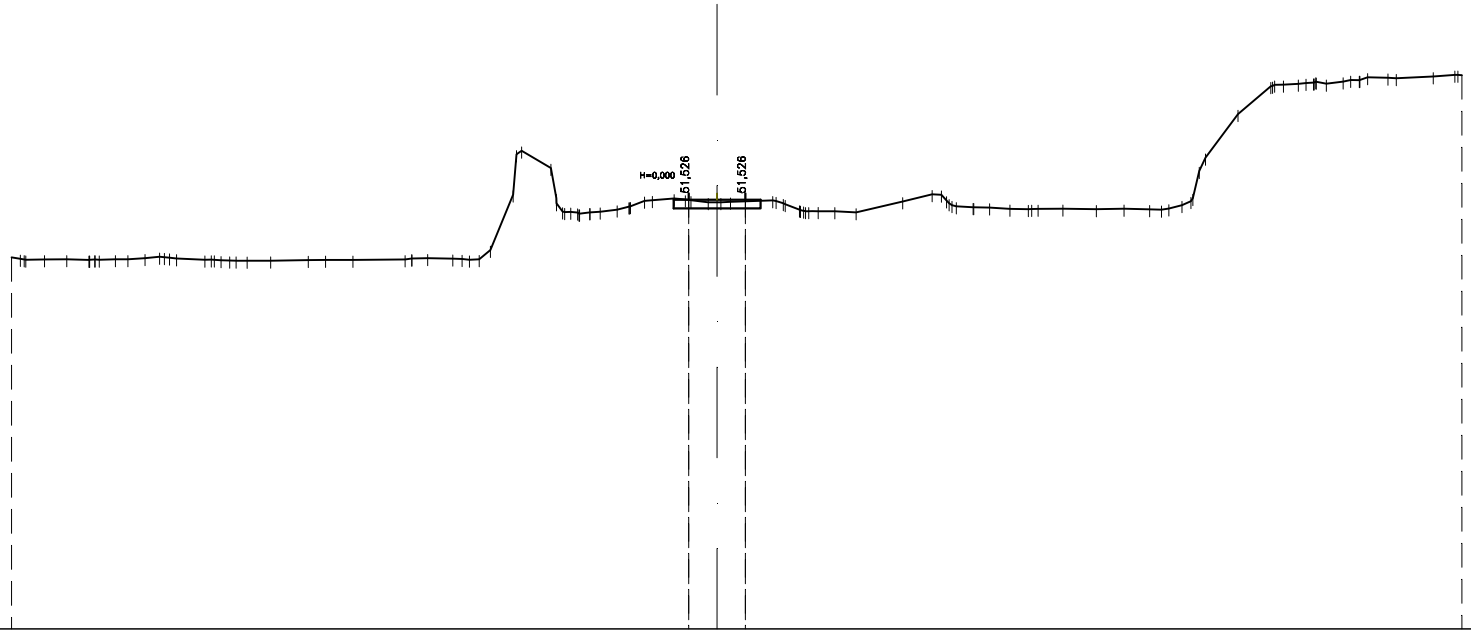
1:200

Qt. rif. 43,000

Quote Progetto	51,68 51,68 51,28 52,02
Quote Terreno	50,98 51,00 50,95 50,88 50,84 50,81 50,77 50,73 50,78 50,96 50,92 50,80 50,75 50,69 50,63 50,49 50,51 50,46 50,44 50,44 50,56 50,79 50,95 50,92 51,01 51,02 51,25 51,40 51,33 51,31 51,36 51,43 51,26 51,14 51,01 50,95 50,84 51,53 53,10 52,93 53,02 52,85 52,54 52,50 52,34 52,15 51,92 51,68 51,48 52,08 53,51
Distanze Progetto	-2,57 -1,85 -0,75 0,75 1,90 2,90
Distanze Terreno	-19,42 -18,88 -18,36 -17,80 -16,86 -16,29 -15,75 -15,00 -14,69 -13,82 -12,82 -12,54 -11,61 -10,94 -10,12 -9,31 -8,81 -8,13 -7,27 -7,21 -5,93 -5,10 -4,36 -3,82 -3,07 -3,03 -1,92 -1,42 -0,57 0,00 0,56 1,36 1,96 2,47 3,08 3,58 4,17 4,63 11,25 12,19 13,14 13,76 14,46 14,66 15,47 15,88 16,65 17,19 17,96 18,87 19,75

SOVRASTRUTTURA	
BALLAST	0,092 m²

SEZIONE N°: 35
QT. PROG.: 51,526
Progr. km: 5+081,419
Dist. prec.: 21,419
Dist. succ.: 18,581

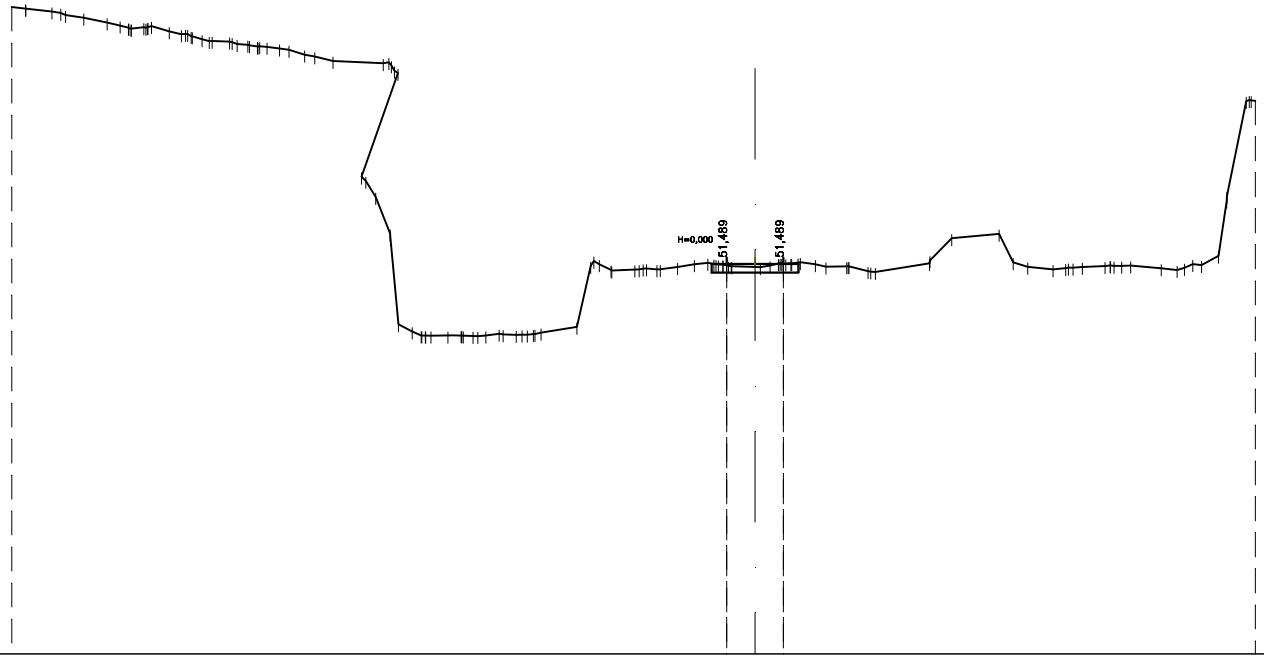


1:200

Qt. rif. 40,000

Quote Progetto	
Quote Terreno	49,83 49,78 49,78 49,76 49,78 49,81 49,83 49,80 49,77 49,74 49,74 49,74 49,76 49,76 49,76 49,78 49,81 49,80 49,78 51,49 52,65 52,19 51,03 51,02 51,09 51,33 51,39 51,29 51,30 51,34 51,09 51,05 51,02 51,31 51,50 51,21 51,16 51,11 51,11 51,12 51,10 51,12 51,10 51,12 51,32 52,47 53,62 54,36 54,42 54,42 54,52 54,58 54,57 54,62 54,66 54,65
Distanze Progetto	-0,75 0,75
Distanze Terreno	-18,67 -17,80 -17,21 -16,62 -15,92 -15,14 -14,62 -14,30 -13,55 -12,90 -12,44 -11,81 -10,82 -10,36 -9,64 -8,26 -7,66 -6,99 -6,30 -5,40 -5,17 -4,40 -3,87 -3,37 -2,64 -1,92 -1,14 -0,23 0,36 1,48 2,18 3,12 3,68 4,91 5,69 6,22 6,78 7,75 8,33 9,15 10,04 10,77 11,45 11,96 12,54 12,93 13,78 14,65 15,38 16,12 16,77 17,76 17,97 18,95 19,52 19,71

SEZIONE N°: 36
QT. PROG.: 51,489
Progr. km: 5+100,000
Dist. prec.: 18,581



1:200

Qt. rif. 41,000

Quote Progetto	
Quote Terreno	58,12 58,07 58,00 57,83 57,70 57,57 57,58 57,47 57,35 57,22 57,18 57,07 57,02 56,85 56,69 53,63 56,63 49,53 49,42 49,41 49,47 49,45 49,50 49,65 51,31 51,17 51,17 51,23 51,35 51,27 51,24 51,33 51,35 51,24 51,25 51,13 51,10 51,33 52,00 52,11 51,24 51,17 51,22 51,26 51,27 51,20 51,21 51,53 55,62 55,63
Distanze Progetto	-0,75 0,75
Distanze Terreno	-19,67 -19,30 -18,61 -17,76 -17,14 -16,58 -16,08 -15,50 -14,92 -14,36 -13,84 -13,17 -12,58 -11,92 -11,17 -10,42 -9,84 -9,07 -8,13 -7,46 -6,77 -6,17 -5,66 -4,71 -4,12 -3,18 -2,60 -2,05 -1,25 -0,70 0,00 0,62 1,14 1,88 2,43 2,99 3,18 4,61 5,20 6,46 7,22 7,88 8,41 9,26 9,94 10,75 11,36 12,26 13,00 13,24