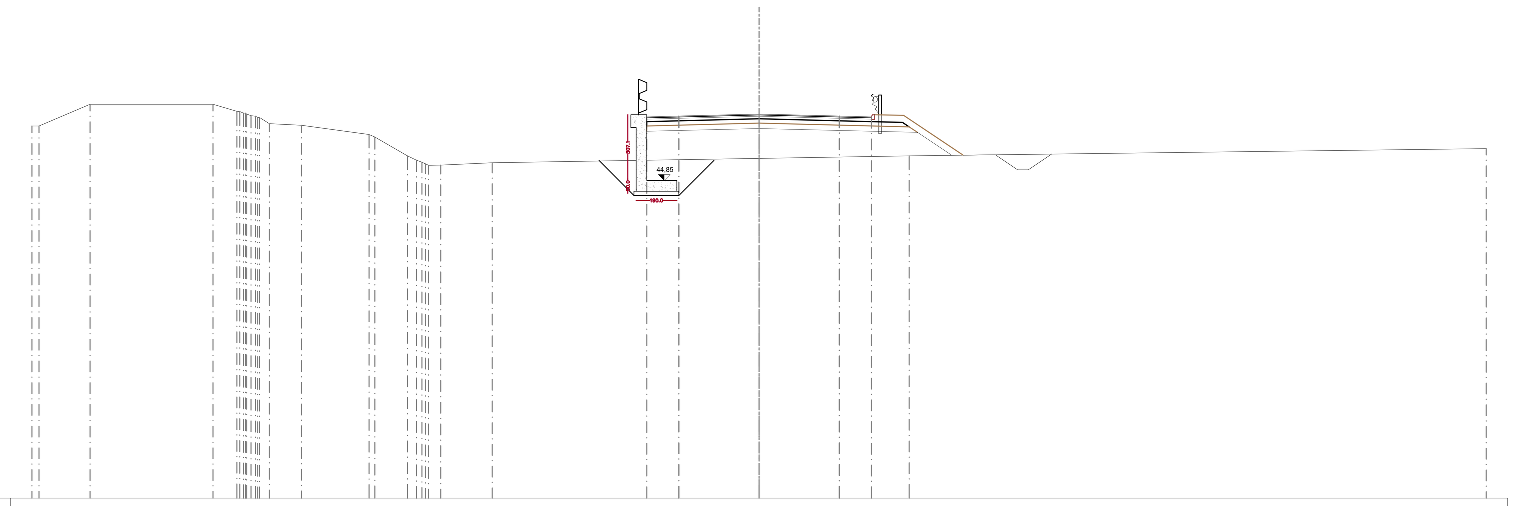
SEZIONE N.: 186
QT. PROGETTO: 47,952
DIST.PROG.: 4250,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

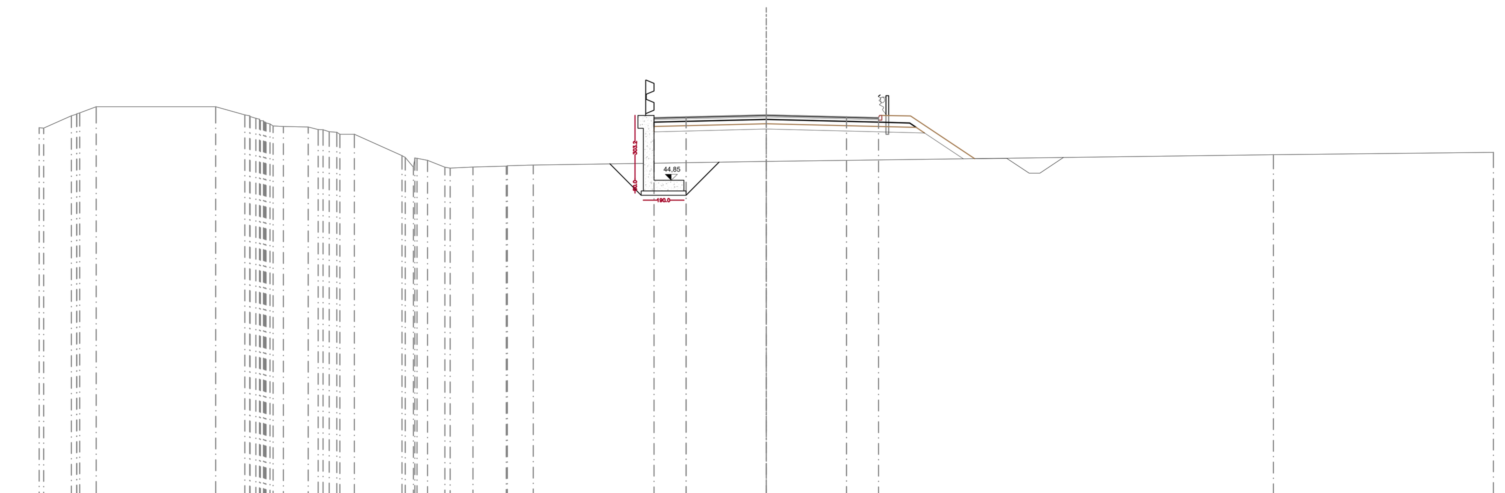


SCALA 1:200

QT.RIF. 30,000

QUOTE TERRENO	47,395 47,397 48,411 48,411 48,085 48,077 48,000 47,959 47,857 47,798 47,793 47,510 47,426 47,000 46,877 46,000 45,795 45,708 45,630 45,556 45,567 45,675 45,883 46,000 46,334
DIST. PARZIALI TERRENO	2,390 5,748 1,118 1,497 3,173 1,520 0,571 2,405 12,480 7,012 26,988
DIST. PROGR. TERRENO	-34,000 -33,676 -31,286 -25,538 -24,421 -24,281 -24,118 -24,019 -23,964 -23,761 -23,550 -23,445 -23,363 -22,906 -21,409 -18,235 -17,967 -16,446 -16,024 -15,770 -15,608 -15,456 -14,885 -12,480 0,000 7,012 34,000
QUOTE STRATO SUP.	47,858 47,952 47,858 47,821 47,921 47,894 46,031 46,050 46,083
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 2,792 1,500 2,638
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 9,542 11,042 13,680

SEZIONE N.: 187
QT. PROGETTO: 47,913
DIST.PROG.: 4275,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

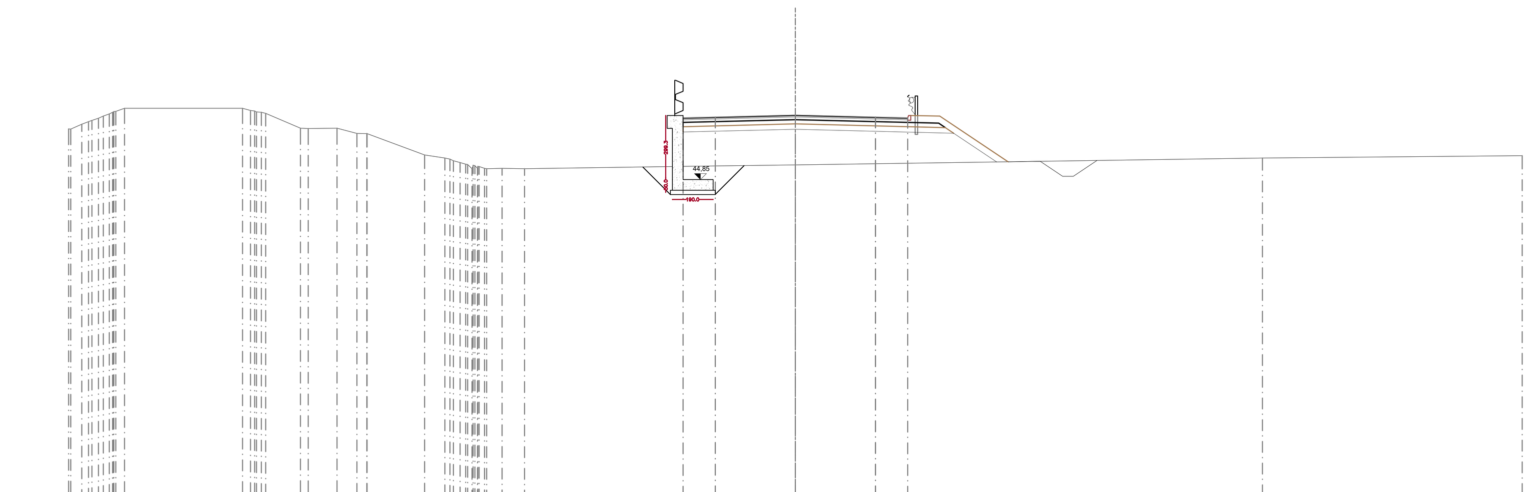


SCALA 1:200

QT.RIF. 30,000

QUOTE TERRENO	47,301 47,289 47,861 47,939 47,957 48,000 48,284 48,284 47,908 47,863 47,827 47,742 47,699 47,638 47,625 47,572 47,567 47,529 47,387 47,389 47,362 47,337 47,218 47,214 47,116 47,092 47,000 46,000 45,914 45,457 45,888 45,873 45,780 45,455 45,468 45,413 45,451 45,529 45,562 45,727 46,039 46,150
DIST. PARZIALI TERRENO	1,298 0,768 5,593 1,361 1,166 0,678 2,229 0,486 0,820 1,065 1,558 1,205 10,898 23,712 10,288
DIST. PROGR. TERRENO	-34,000 -33,792 -32,493 -32,245 -32,237 -32,105 -31,337 -25,744 -24,383 -24,152 -24,137 -23,862 -23,697 -23,651 -23,512 -23,470 -23,428 -23,390 -23,202 -23,059 -22,581 -21,415 -20,954 -20,724 -20,438 -20,081 -19,937 -19,260 -17,031 -16,882 -16,594 -16,435 -16,329 -15,843 -15,024 -14,779 -13,714 -12,157 -12,104 -10,898 0,000 23,712 34,000
QUOTE STRATO SUP.	47,819 47,913 47,819 47,782 47,882 47,855 45,855 45,875 45,910
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 2,998 1,500 2,641
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 9,748 11,248 13,889

SEZIONE N.: 188
QT. PROGETTO: 47,874
DIST.PROG.: 4300,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

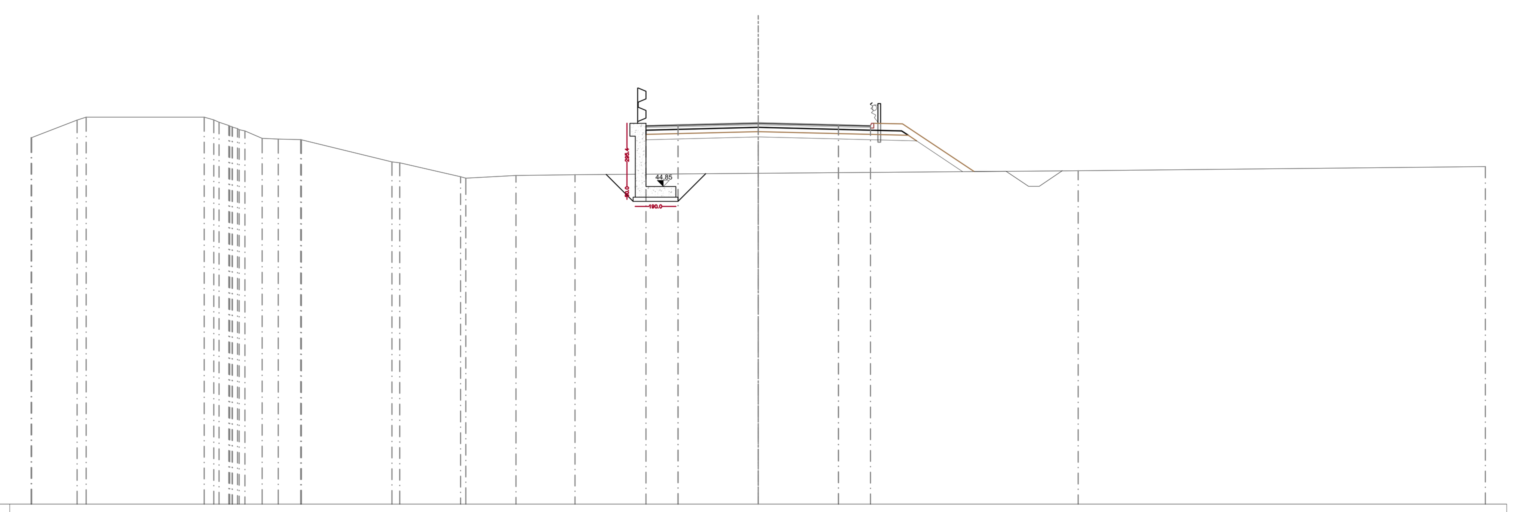


SCALA 1:200

QT.RIF. 30,000

QUOTE TERRENO	47,218 47,212 47,439 47,558 47,619 47,721 47,819 47,917 48,000 48,027 48,038 48,183 48,183 48,080 48,056 48,012 48,000 47,947 47,251 47,235 47,250 47,009 47,000 47,000 47,000 47,000 46,000 45,857 45,802 45,725 45,647 45,570 45,549 45,360 45,516 45,503 45,370 45,464 45,455 45,369 45,352 45,373 45,359 45,535 45,853 45,962
DIST. PARZIALI TERRENO	0,518 5,521 1,621 1,344 0,927 2,699 0,948 0,723 1,050 12,669 21,849 12,151
DIST. PROGR. TERRENO	-34,000 -33,894 -33,375 -33,062 -32,904 -32,603 -32,370 -32,094 -31,938 -31,912 -31,884 -31,786 -31,380 -25,860 -25,486 -25,295 -25,210 -24,981 -24,775 -23,154 -22,783 -21,439 -20,512 -20,045 -20,043 -20,042 -20,039 -17,340 -16,392 -16,156 -15,994 -15,684 -15,417 -15,328 -15,129 -15,070 -14,985 -14,867 -14,852 -14,792 -14,543 -14,443 -13,720 -12,669 0,000 21,849 34,000
QUOTE STRATO SUP.	47,780 47,874 47,780 47,743 47,843 47,816 45,680 45,702 45,740
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 3,202 1,500 2,647
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 9,952 11,452 14,099

SEZIONE N.: 189
QT. PROGETTO: 47,835
DIST.PROG.: 4325,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

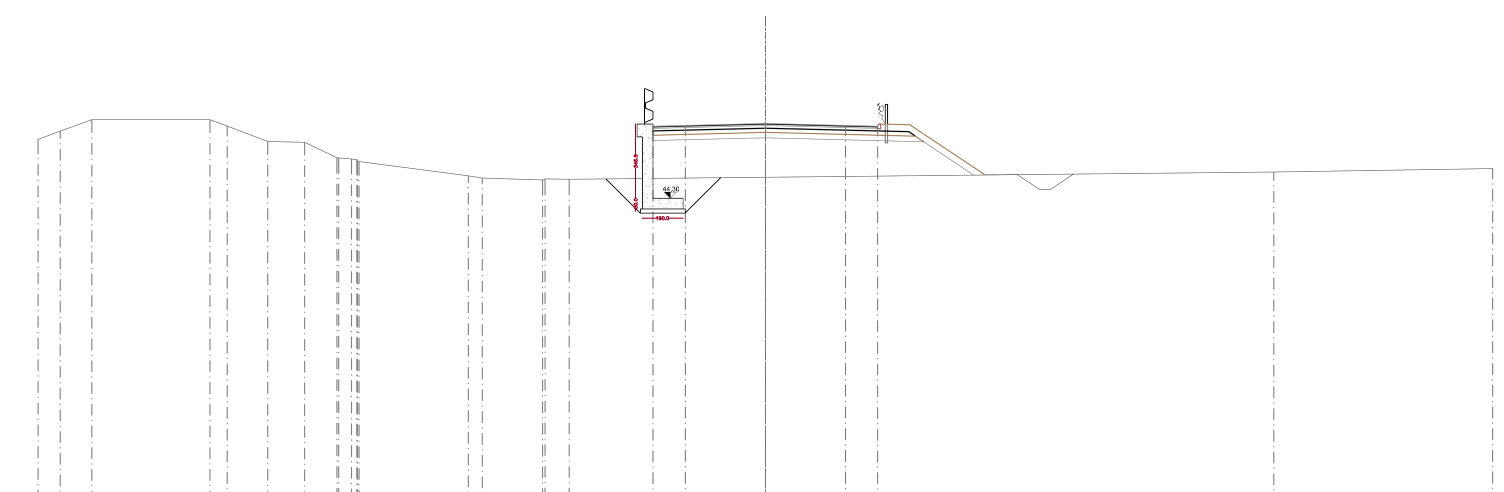


SCALA 1:200

QT.RIF. 30,000

QUOTE TERRENO	47,134 47,133 47,957 48,093 48,093 47,959 47,855 47,702 47,673 47,645 47,620 47,554 47,502 47,444 47,101 47,067 47,041 47,029 46,000 45,956 45,307 45,237 45,364 45,402 45,467 45,586 45,782
DIST. PARZIALI TERRENO	2,124 5,521 0,801 0,759 1,047 4,236 2,843 2,352 2,754 8,571 14,959 19,041
DIST. PROGR. TERRENO	-34,000 -33,974 -31,850 -31,431 -25,910 -25,457 -25,213 -24,755 -24,716 -24,606 -24,585 -24,349 -24,276 -24,001 -23,199 -22,441 -21,394 -21,363 -17,127 -16,764 -13,920 -13,677 -11,325 -8,571 0,000 14,959 34,000
QUOTE STRATO SUP.	47,741 47,835 47,741 47,704 47,804 47,777 45,547 45,559 45,580
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 3,342 1,500 2,621
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 10,092 11,592 14,213

SEZIONE N.: 190
QT. PROGETTO: 47,796
DIST.PROG.: 4350,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

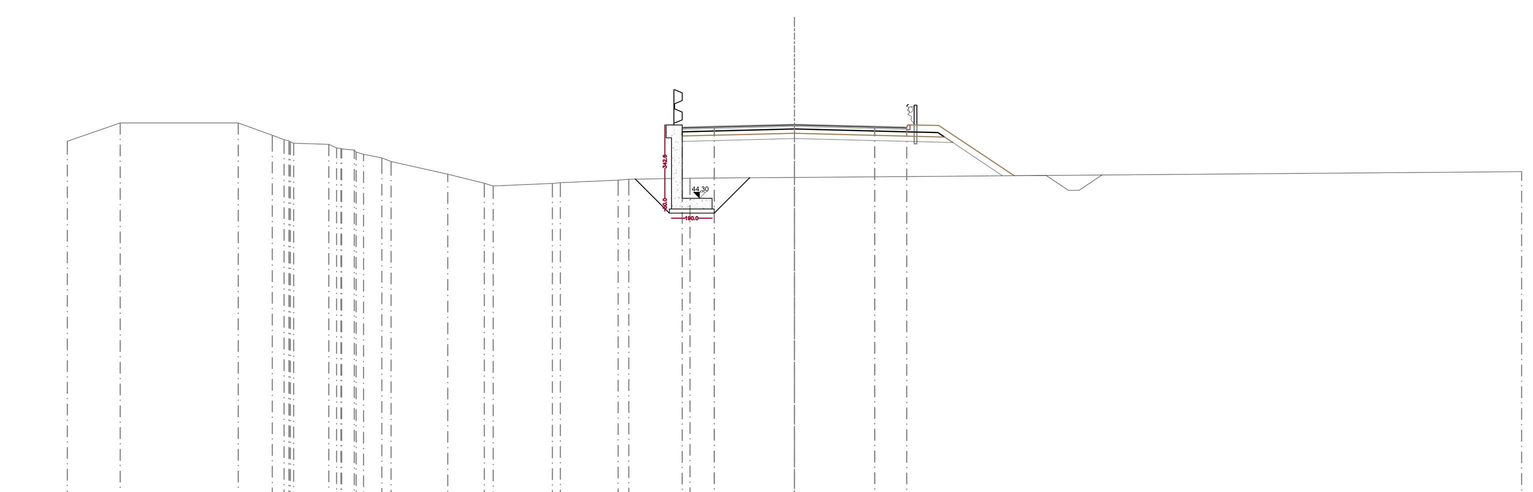


SCALA 1:200

QT.RIF. 30,000

QUOTE TERRENO	47,049 47,436 47,968 47,968 47,676 46,959 46,909 46,196 46,182 46,137 46,101 46,081 46,036 46,012 45,345 45,246 45,149 45,201 45,188 45,283 45,525 45,683
DIST. PARZIALI TERRENO	1,036 1,477 5,521 0,806 1,900 1,722 1,513 0,600 5,106 0,658 2,828 1,130 9,173 23,767 10,233
DIST. PROGR. TERRENO	-34,000 -32,964 -31,487 -25,966 -25,160 -23,260 -21,538 -20,026 -19,940 -19,340 -19,099 -19,073 -19,062 -18,998 -13,893 -13,234 -10,406 -10,303 -9,173 0,000 23,767 34,000
QUOTE STRATO SUP.	47,702 47,796 47,702 47,665 47,765 47,738 45,387 45,403 45,429
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 3,524 1,500 2,630
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 10,274 11,774 14,403

SEZIONE N.: 191
QT. PROGETTO: 47,757
DIST.PROG.: 4375,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

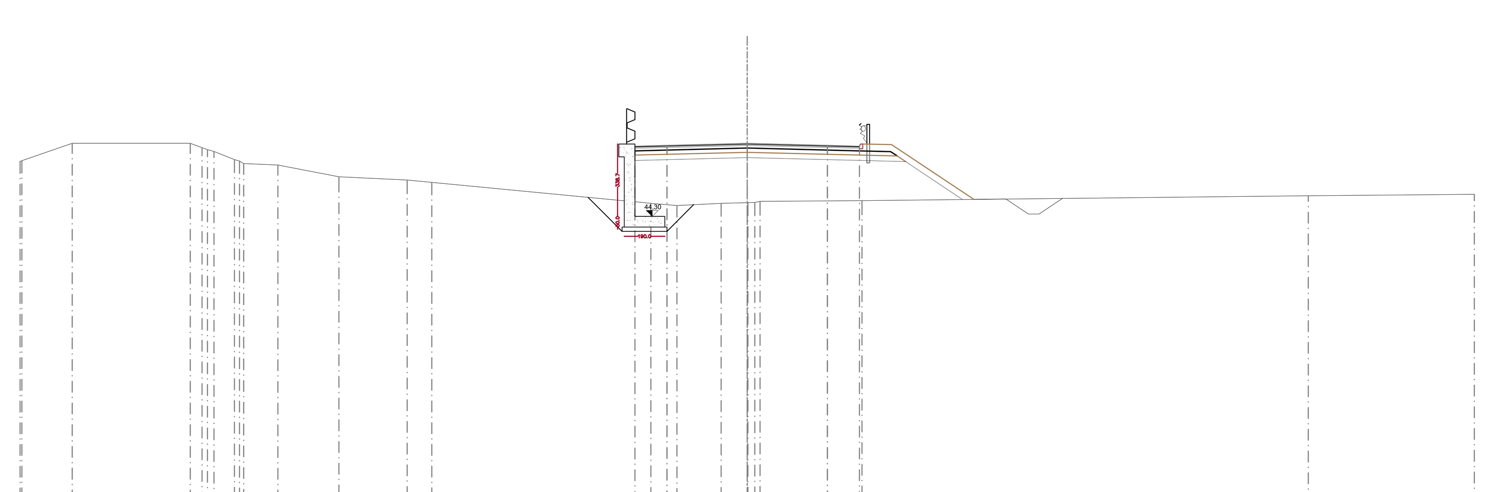


SCALA 1:200

QT.RIF. 30,000

QUOTE TERRENO	46,963 47,820 47,820 47,247 47,044 46,976 46,949 46,937 46,868 46,818 46,646 46,628 46,608 46,553 46,455 46,356 46,181 46,016 45,419 45,000 44,870 44,992 45,027 45,141 45,184 45,233 45,275 45,537
DIST. PARZIALI TERRENO	2,466 5,521 1,597 0,552 1,646 0,591 0,851 2,651 1,703 2,767 2,702 0,498 2,861 4,885 34,000
DIST. PROGR. TERRENO	-34,000 -31,534 -26,013 -24,416 -23,864 -23,639 -23,629 -23,569 -23,421 -21,775 -21,410 -21,208 -21,177 -20,586 -20,495 -20,150 -19,299 -18,863 -16,211 -14,508 -14,090 -11,323 -10,947 -8,245 -7,746 -4,885 0,000 34,000
QUOTE STRATO SUP.	47,663 47,757 47,663 47,626 47,726 47,699 45,354 45,366 45,386
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 3,515 1,500 2,620
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 10,265 11,765 14,385

SEZIONE N.: 192
QT. PROGETTO: 47,718
DIST.PROG.: 4400,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

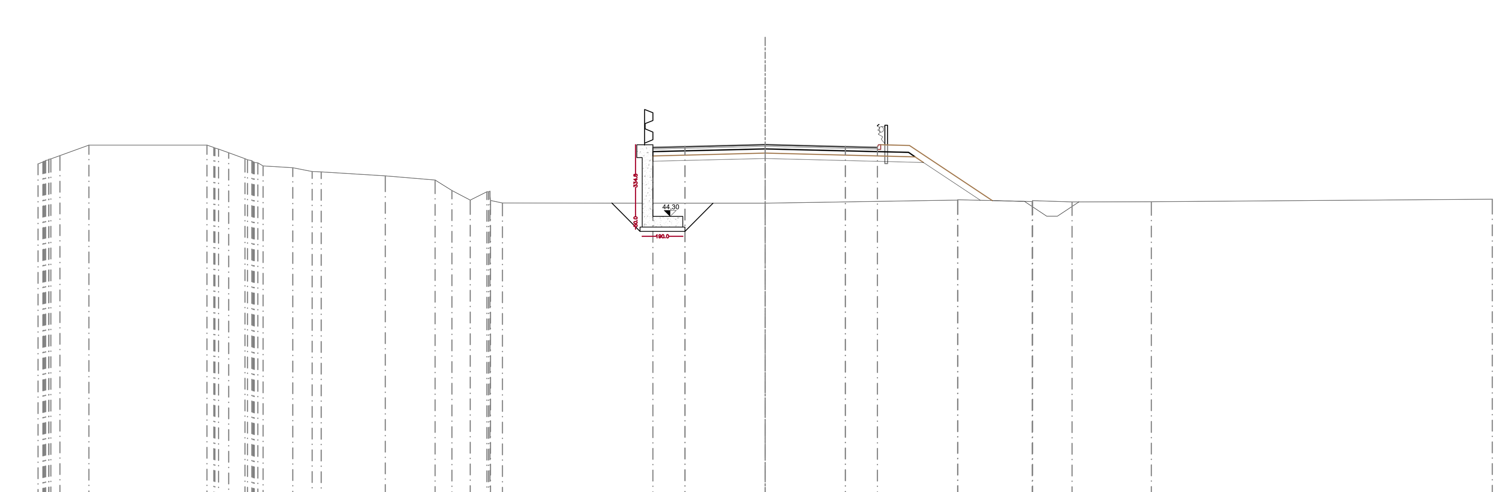


SCALA 1:200

QT.RIF. 30,000

QUOTE TERRENO	46,876 46,905 47,723 47,723 47,516 47,422 47,339 46,953 46,886 46,774 46,703 46,150 46,000 45,887 44,910 44,809 44,907 44,942 44,943 44,950 45,000 45,032 45,267 45,335
DIST. PARZIALI TERRENO	2,349 5,521 0,552 0,956 1,602 2,854 3,192 1,153 10,241 1,226 2,060 1,222 4,766 20,868 7,763
DIST. PROGR. TERRENO	-34,000 -33,914 -31,565 -26,045 -25,492 -25,235 -24,934 -23,978 -23,738 -23,549 -21,947 -19,093 -15,902 -14,748 -4,507 -3,282 -1,222 0,000 0,034 0,358 0,603 5,369 26,237 34,000
QUOTE STRATO SUP.	47,624 47,718 47,624 47,587 47,687 47,660 45,091 45,108 45,137
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 3,852 1,500 2,634
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 10,602 12,102 14,735

SEZIONE N.: 193
QT. PROGETTO: 47,679
DIST.PROG.: 4425,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000



SCALA 1:200

QT.RIF. 30,000

QUOTE TERRENO	46,750 46,844 46,874 46,881 46,913 46,953 46,977 46,991 47,144 47,638 47,638 47,526 47,501 47,451 47,275 47,000 46,946 46,905 46,852 46,844 46,822 46,803 46,658 46,577 46,400 46,382 46,194 46,000 45,507 45,065 45,448 45,446 45,472 45,048 44,926 44,914 45,062 45,074 44,995 45,035 44,975 44,985 45,106
DIST. PARZIALI TERRENO	1,350 5,521 0,765 1,384 0,911 3,004 2,322 0,787 0,860 0,776 0,558 12,282 9,000 3,481 1,850 3,700 15,944
DIST. PROGR. TERRENO	-34,000 -33,767 -33,742 -33,691 -33,642 -33,503 -33,489 -33,401 -32,971 -31,621 -26,100 -25,776 -25,726 -25,556 -25,085 -24,321 -24,204 -23,997 -23,952 -23,904 -23,890 -23,719 -23,474 -22,090 -21,179 -20,761 -17,758 -15,436 -14,648 -13,788 -13,013 -12,933 -12,868 -12,841 -12,282 0,000 9,000 9,007 12,488 12,506 14,356 18,056 34,000
QUOTE STRATO SUP.	47,585 47,679 47,585 47,548 47,648 47,621 45,037 45,004 44,976
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 3,873 1,500 2,548
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 10,623 12,123 14,671

anas GRUPPO FS ITALIANE

Direzione Progettazione e Realizzazione Lavori

Variante alla SS12 da Buttapietra
alla tangenziale SUD di Verona

PROGETTO DEFINITIVO

COD. VE29

PROGETTAZIONE: RAGGRUPPAMENTO PROGETTISTI — MANDATARIA: Sigeco Engineering — MANDANTI: IDRO.STRADE s.r.l., Barci Engineering, Sandro D'Agostini Ingegnere

IL RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE:
Ing. Antonino Alvaro – SIGECO ENGINEERING srl
Ordine Ingegneri Provincia di Cosenza n. A282

IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE:
Arch. Giuseppe Luciano – SIGECO ENGINEERING srl
Ordine Architetti Provincia di Reggio Calabria n. A2316

I GEOLOGI:
Dott. Geol. Domenico Carrà – SIGECO Eng. srl Ordine Geologi della Calabria n. 641
Dott. Geol. Francesco Molinaro – SIGECO Eng. srl Ordine Geologi della Calabria n. 1063

VISTO: IL RESPONSABILE DEL PROCEDIMENTO:
Ing. Antonio Marsella

PROTOCOLLO: DATA:

IL PROGETTISTA:
Arch. Giuseppe Luciano–SIGECO Eng. srl Ordine Architetti di Reggio Cal. n. A2316
Ing. Francesco Tucci – IDROSTRADE srl Ordine Ingegneri Cosenza n. A922
Ing. Carmine Guido – NO.DO. e Serv. srl Ordine Ingegneri Cosenza n. A1379
Ing. Sandro D'Agostini – Ordine Ingegneri Belluno n. A457
Ing. Antonio Barci – BARCI Eng. srl Ordine Ingegneri Cosenza n. A1003

GRUPPO DI PROGETTAZIONE:
Ing. Giovanni Costa – Steel Project Engineering – Ordine Ingegneri Livorno n. A1632
Arch. Alessandra Alvaro – SIGECO Eng. srl Ordine Architetti Cosenza n. A1490
Ing. Gaetano Zupo – SIGECO Eng. srl Ordine Ingegneri Cosenza n. A5385
Geom. Giuseppe Crispino – SIGECO Eng. srl Collegio Geometri Potenza n. 2296
Ing. Paola Tucci – IDROSTRADE srl Ordine Ingegneri Cosenza n. A5488
Ing. Mario Perri – IDROSTRADE srl Ordine Ingegneri Cosenza n. A3784
Arch. Simona Tucci – IDROSTRADE srl Ordine Ingegneri Cosenza n. A1637
Ing. Roberto Scrivano – NO.DO. e Serv. srl Ordine Ingegneri Cosenza n. A2061
Ing. Emiliano Domestico – NO.DO. e Serv. srl Ordine Ingegneri Cosenza n. A5501
Geol. Carolina Simone – NO.DO. e Serv. srl Ordine Geologi della Calabria n. 730
Ing. Giorgio Barci – BARCI Eng. srl Ordine Ingegneri Prov. di Cosenza n. A5873
Dott.ssa Laura Casadei – Kora s.r.l.–Iscr. el. Operatori abilitati Archeologia Prev. n. 2248

S.11 Muro di sostegno MS11
SEZIONI TRASVERSALI E SEZIONI TIPO_PARTE 3 DI 5

CODICE PROGETTO	NOME FILE	REV.	SCALA:
CO VE0029 D 2001	T00MS11STRSZ03_A — CODICE ELAB. T00MS11STRSZ03	A	VARIE

REV.	DESCRIZIONE	DATA	SOCIETA'	REDATTO	VERIFICATO	APPROVATO
D						
C						
B						
A	EMISSIONE	DIC 2021	Sigeco Engineering Srl	Ing. G. Zupo	Arch. G. Luciano	Ing. A. Alvaro