

HB-0004 CROSS SECTIONS (X-1 THRU X-39)

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-1A

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.

CROSS-SECTION SUMMARY

Quantities are approximate only. The Resident Engineer will recross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.

Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
-L- LT 234+06 - 254+00								275+50.00	50	1	0	252+00.00	3	0	0
234+06.00	0	0	0	-L- LT 255+50 - 277+00				276+00.00	51	0	0	252+50.00	13	0	0
234+19.50	16	0	0	255+50.00	0	0	0	276+50.00	50	0	0	253+00.00	14	0	0
234+50.00	35	0	0	256+00.00	0	2608	0	277+00.00	49	0	0	253+50.00	14	0	0
235+00.00	56	0	0	256+50.00	1	1900	0					254+00.00	7	203	0
235+50.00	56	0	0	257+00.00	3	1363	0	-L- RT 234+06 - 254+00							
236+00.00	62	0	0	257+50.00	8	1064	0	234+06.00	0	0	0	-L- RT 255+50 - 277+00			
236+50.00	67	0	0	258+00.00	16	958	0	234+19.50	7	0	0	255+50.00	0	0	0
237+00.00	66	0	0	258+50.00	25	1088	0	234+50.00	31	0	0	256+00.00	27	11	0
237+50.00	64	0	0	259+00.00	33	1448	0	235+00.00	49	1	0	256+50.00	13	0	0
238+00.00	57	51	0	259+50.00	32	1536	0	235+50.00	46	17	0	257+00.00	13	0	0
238+50.00	55	127	0	260+00.00	29	1274	0	236+00.00	45	51	0	257+50.00	14	0	0
239+00.00	49	246	0	260+24.69	15	523	0	236+50.00	43	86	0	258+00.00	13	0	0
239+50.00	39	350	0	260+50.00	16	474	0	237+00.00	43	116	0	258+50.00	12	0	0
240+00.00	38	406	0	261+00.00	34	780	0	237+50.00	44	124	0	259+00.00	11	0	0
240+50.00	38	375	0	261+50.00	33	611	0	238+00.00	46	184	0	259+50.00	15	0	0
241+00.00	36	263	0	262+00.00	27	500	0	238+50.00	50	291	0	260+00.00	15	0	0
241+50.00	32	232	0	262+50.00	20	392	0	239+00.00	47	305	0	260+24.69	6	0	0
242+00.00	30	227	0	262+59.30	3	59	0	239+50.00	37	280	0	260+50.00	6	0	0
242+50.00	85	205	0	263+00.00	13	214	0	240+00.00	37	264	0	261+00.00	12	0	0
243+00.00	140	115	0	263+50.00	13	154	0	240+50.00	37	213	0	261+50.00	13	0	0
243+50.00	74	20	0	264+00.00	12	45	0	241+00.00	34	145	0	262+00.00	13	0	0
244+00.00	8	0	0	264+50.00	14	0	0	241+50.00	62	123	0	262+50.00	14	0	0
244+50.00	8	0	0	265+00.00	12	0	0	242+00.00	87	101	0	262+59.30	3	1	0
245+00.00	9	0	0	265+50.00	11	0	0	242+50.00	71	54	0	263+00.00	12	9	0
245+50.00	9	0	0	266+00.00	11	0	0	243+00.00	53	43	0	263+50.00	14	14	0
246+00.00	9	0	0	266+50.00	10	0	0	243+50.00	40	36	0	264+00.00	12	8	0
246+50.00	10	0	0	267+00.00	10	0	0	244+00.00	23	13	0	264+50.00	12	0	0
247+00.00	28	0	0	267+50.00	9	0	0	244+50.00	9	0	0	265+00.00	12	0	0
247+50.00	35	2	0	268+00.00	8	0	0	245+00.00	9	0	0	265+50.00	11	0	0
248+00.00	20	40	0	268+50.00	8	0	0	245+50.00	10	0	0	266+00.00	9	0	0
248+50.00	15	142	0	268+60.00	301	2	0	246+00.00	12	0	0	266+50.00	7	0	0
249+00.00	11	286	0	269+00.00	2523	17	0	246+50.00	14	0	0	267+00.00	7	0	0
249+04.18	1	31	0	269+50.00	3373	17	0	247+00.00	16	0	0	267+50.00	7	0	0
249+50.00	6	419	0	270+00.00	3441	14	0	247+50.00	24	0	0	268+00.00	7	0	0
250+00.00	3	673	0	270+50.00	3512	10	0	248+00.00	49	5	0	268+50.00	7	0	0
250+50.00	1	931	0	271+00.00	3135	7	0	248+50.00	91	9	0	268+60.00	45	1	0
251+00.00	1	1174	0	271+50.00	2121	6	0	249+00.00	77	12	0	269+00.00	343	10	0
251+50.00	0	1424	0	272+00.00	1522	6	0	249+04.18	3	1	0	269+50.00	371	11	0
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252+00.00	0	364	0	273+00.00	1283	1	0	250+00.00	13	0	0	270+50.00	442	3	0
252+50.00	0	1982	0	273+50.00	852	0	0	250+50.00	14	0	0	271+00.00	564	0	0
253+00.00	0	1859	0	274+00.00	335	0	0	251+00.00	14	0	0	271+50.00	611	0	0
253+50.00	0	1830	0	274+50.00	71	0	0	251+50.00	14	0	0	272+00.00	591	0	0
254+00.00	0	2045	0	275+00.00	48	1	0	251+90.74	11	0	0	272+50.00	562	0	0

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-1B

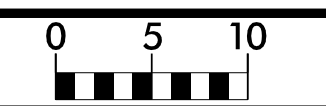
NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.

CROSS-SECTION SUMMARY

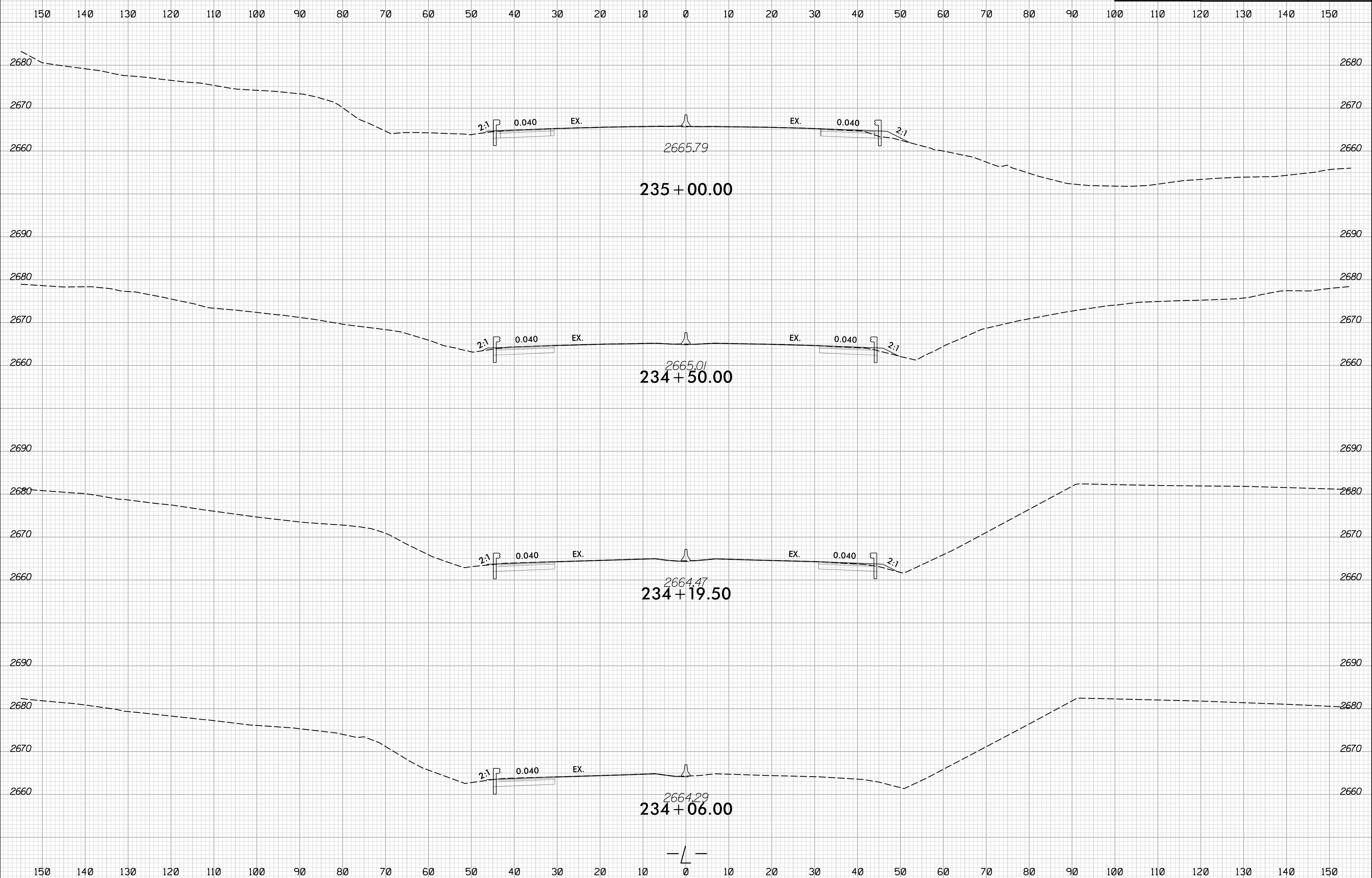
Quantities are approximate only. The Resident Engineer will recross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.

Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
273+00.00	515	0	0	Y1RPB				Y1RPD							
273+50.00	351	0	0	10+49.52	0	0	0	10+00.00	0	0	0				
274+00.00	159	0	0	10+99.41	185	2	0	10+09.97	87	3	0				
274+50.00	67	0	0	11+49.31	165	0	0	10+59.82	403	16	0				
275+00.00	50	5	0	11+99.22	235	0	0	11+09.67	346	15	0				
275+50.00	48	28	0	12+48.90	577	0	0	11+59.47	287	10	0				
276+00.00	48	42	0	12+98.83	904	0	0	12+09.19	206	3	0				
276+50.00	51	19	0	13+48.81	962	0	0	12+59.05	122	0	0				
277+00.00	53	0	0	13+98.95	724	0	0	13+09.03	86	0	0				
				14+49.29	616	0	0	13+59.15	52	0	0				
				14+99.77	914	0	0	14+09.47	10	12	0				
Y1				15+50.00	0	0	0	15+48.25	1040	6	0	14+57.62	0	22	0
				16+00.00	88	78	0	15+99.04	969	12	0	15+08.13	1	22	0
				16+50.00	80	58	0	16+03.31	76	1	0	15+58.77	5	16	0
				17+00.00	51	32	0	16+50.31	757	12	0	16+00.00	7	7	0
				17+50.00	150	12	0	17+01.86	687	13	0				
				18+00.00	224	12	0	17+53.64	577	9	0				
				18+50.00	124	47	0	18+05.53	478	5	0				
				18+60.00	7	17	0	18+57.54	370	3	0				
								19+00.00	209	2	0				
Y1RPA															
10+00.00	0	0	0	Y1RPC											
10+10.02	596	3	0	10+00.70	0	0	0								
10+60.09	2725	11	0	10+50.94	49	17	0								
11+10.28	2318	11	0	11+00.89	112	5	0								
11+60.55	1704	10	0	11+51.17	182	1	0								
12+10.85	902	11	0	12+01.55	219	0	0								
12+61.18	264	61	0	12+52.11	225	0	0								
13+11.55	1	287	0	13+02.90	242	0	0								
13+61.94	0	578	0	13+53.84	256	0	0								
14+12.39	0	737	0	14+02.25	227	5	0								
14+62.94	0	660	0	14+53.36	223	13	0								
15+11.93	0	448	0	15+04.66	213	16	0								
15+62.56	0	347	0	15+55.75	174	13	0								
16+03.93	9	178	0	15+60.00	12	1	0								
16+13.40	11	21	0	16+06.52	103	6	0								
16+64.46	168	80	0	16+57.18	48	2	0								
17+15.79	120	50	0												
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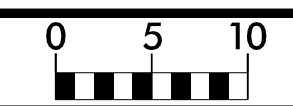


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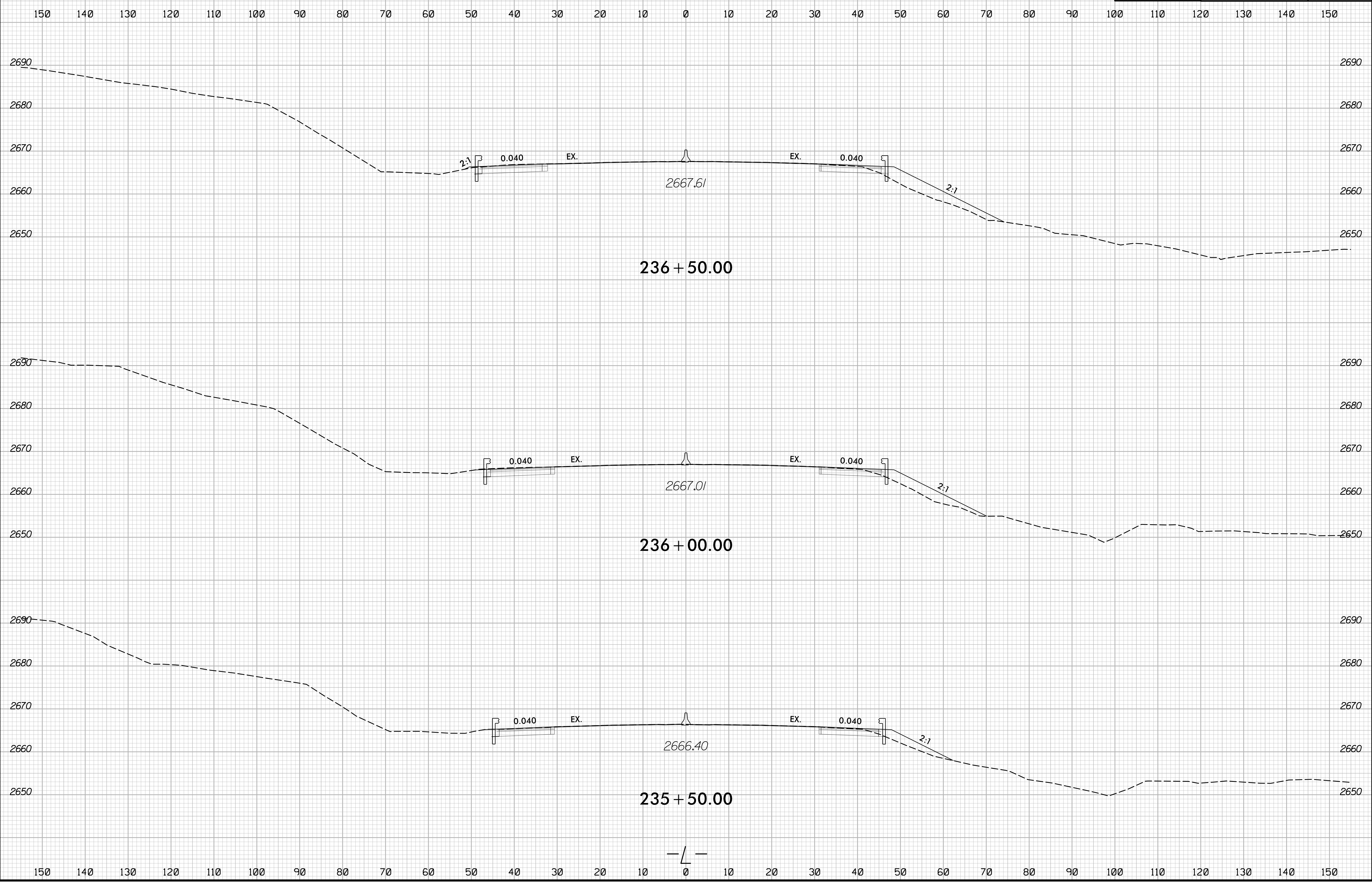


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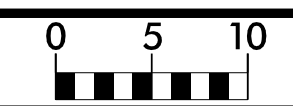


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HB-0004	X-3



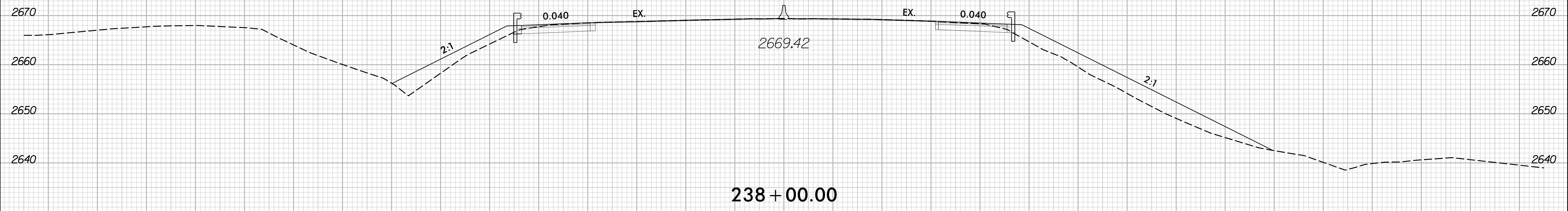
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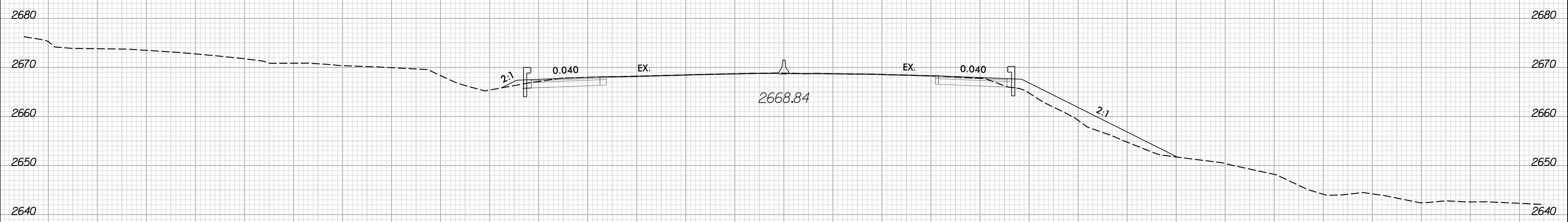


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HB-0004	X-4

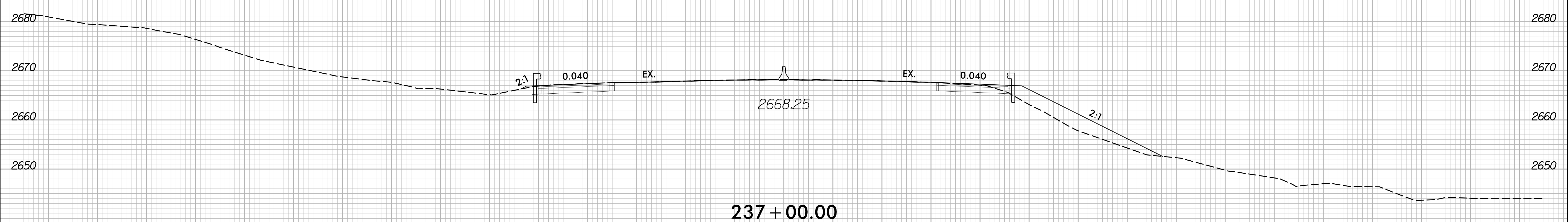
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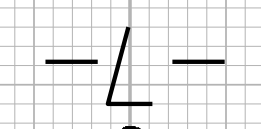
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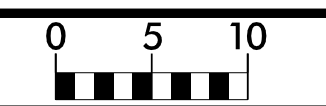
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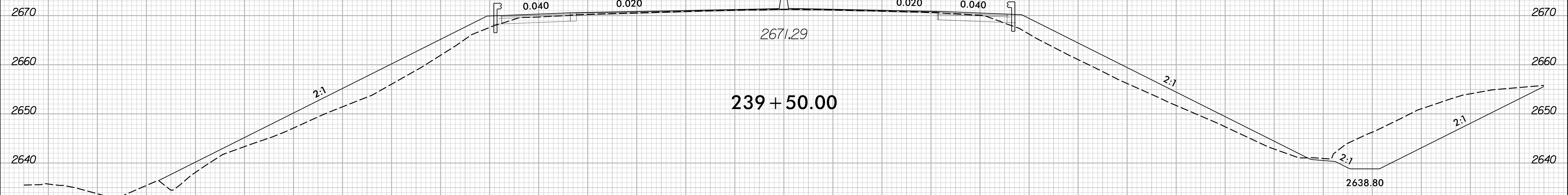
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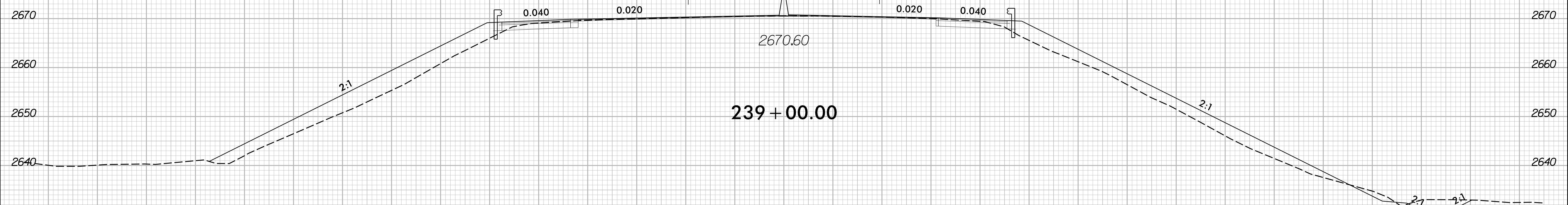
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HB-0004	X-5

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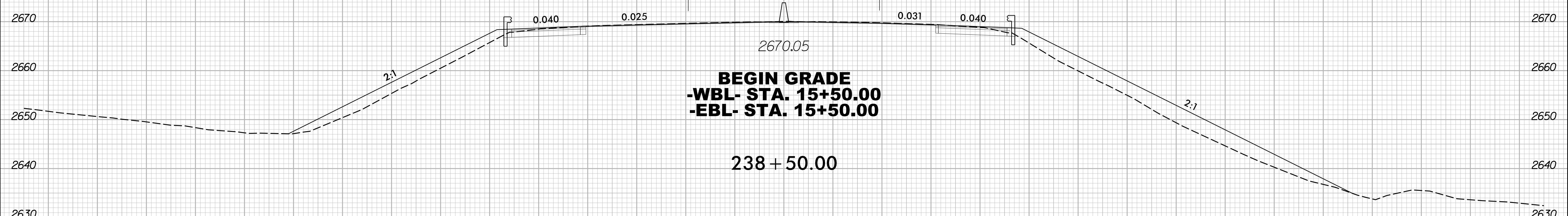
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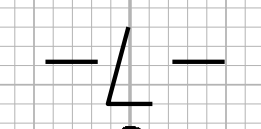


-WBL- STA 15+50.00 -EBL- STA 15+50.00
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BEGIN GRADE
-WBL- STA. 15+50.00
-EBL- STA. 15+50.00

238+50.00

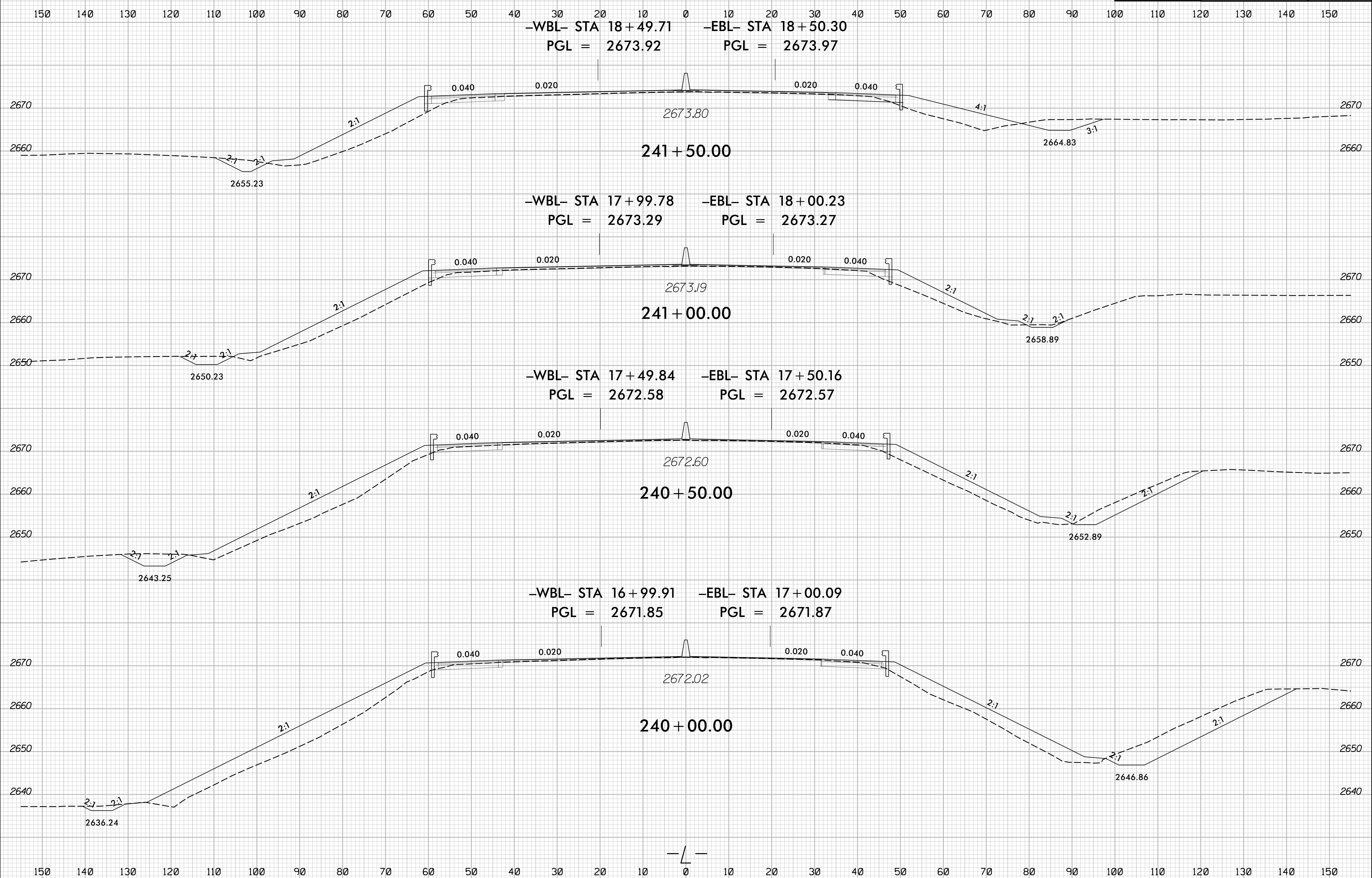


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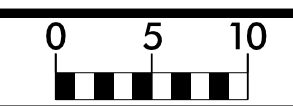
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	PROJ. REFERENCE NO.	SHEET NO.
	HB-0004	X-6



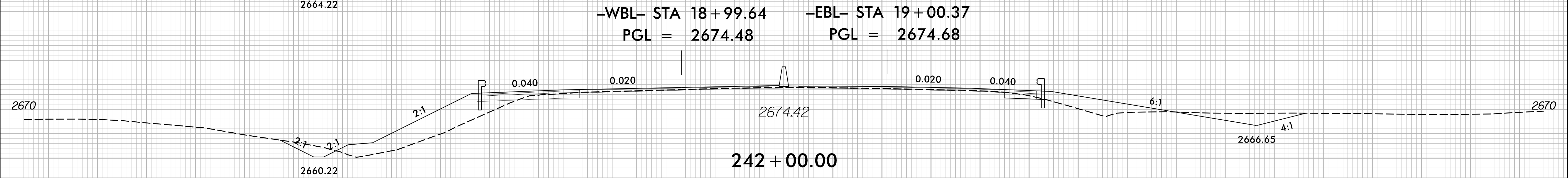
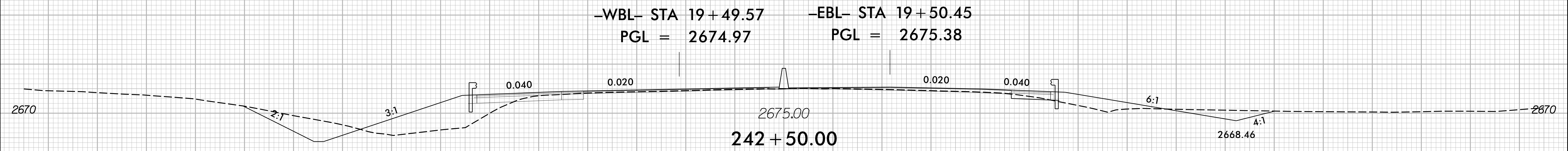
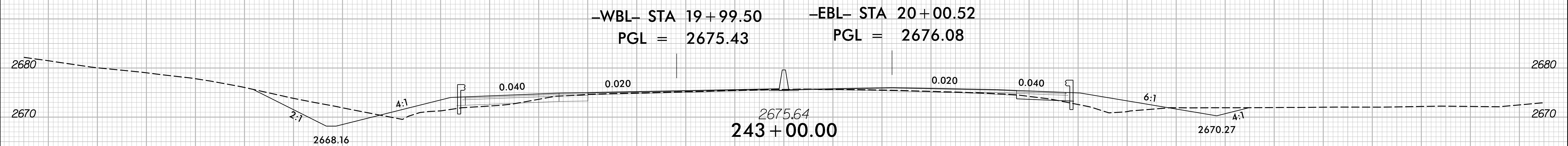
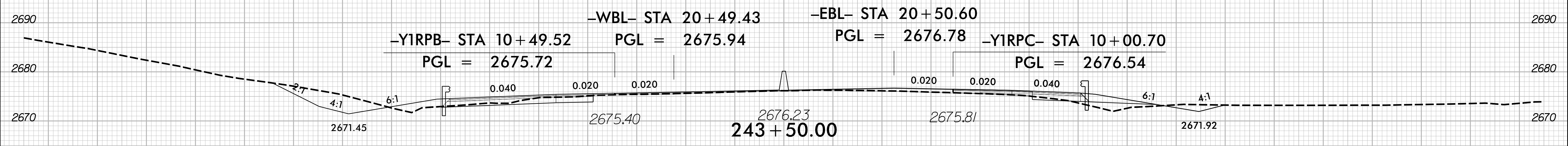
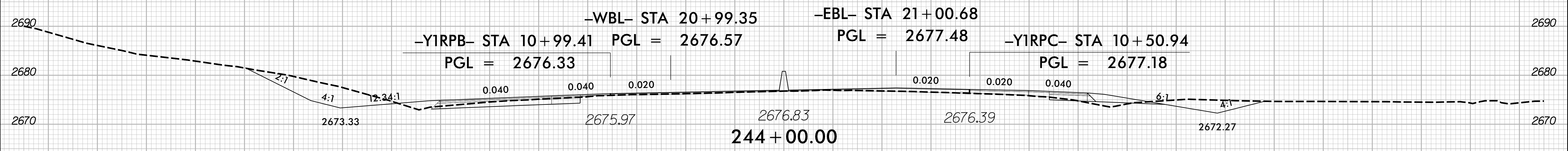
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PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-7

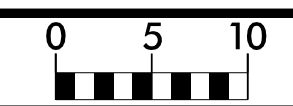
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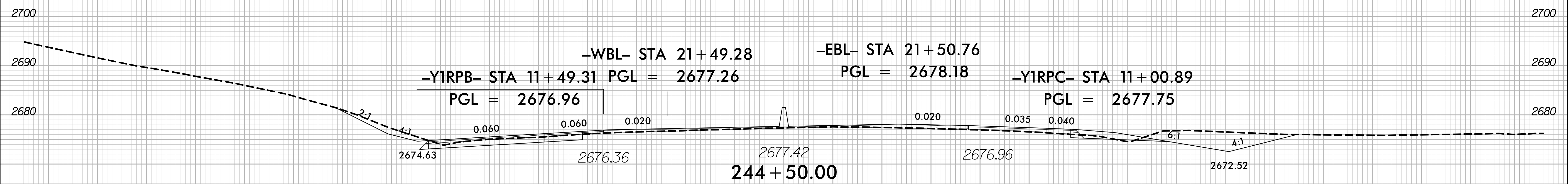
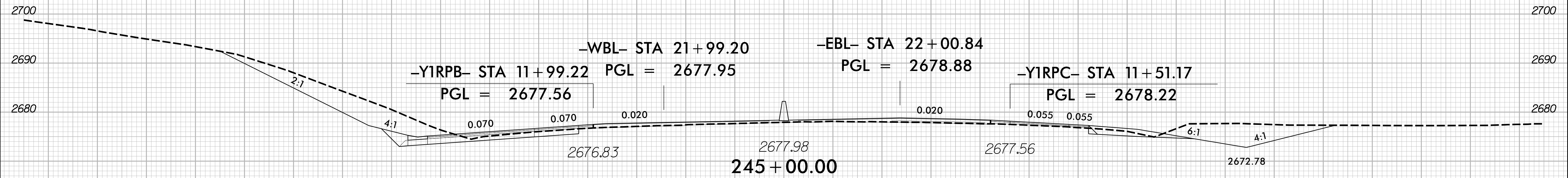
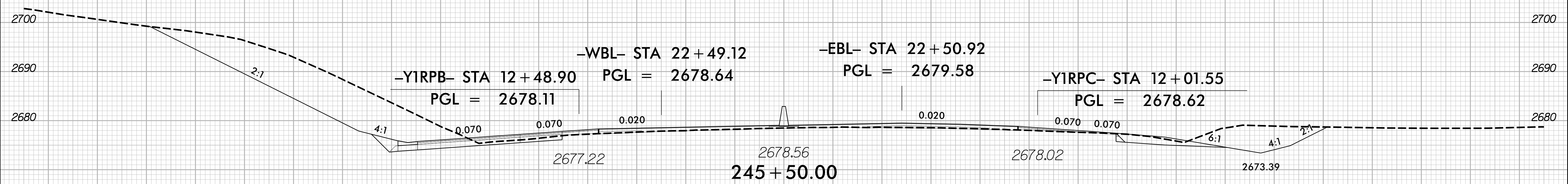
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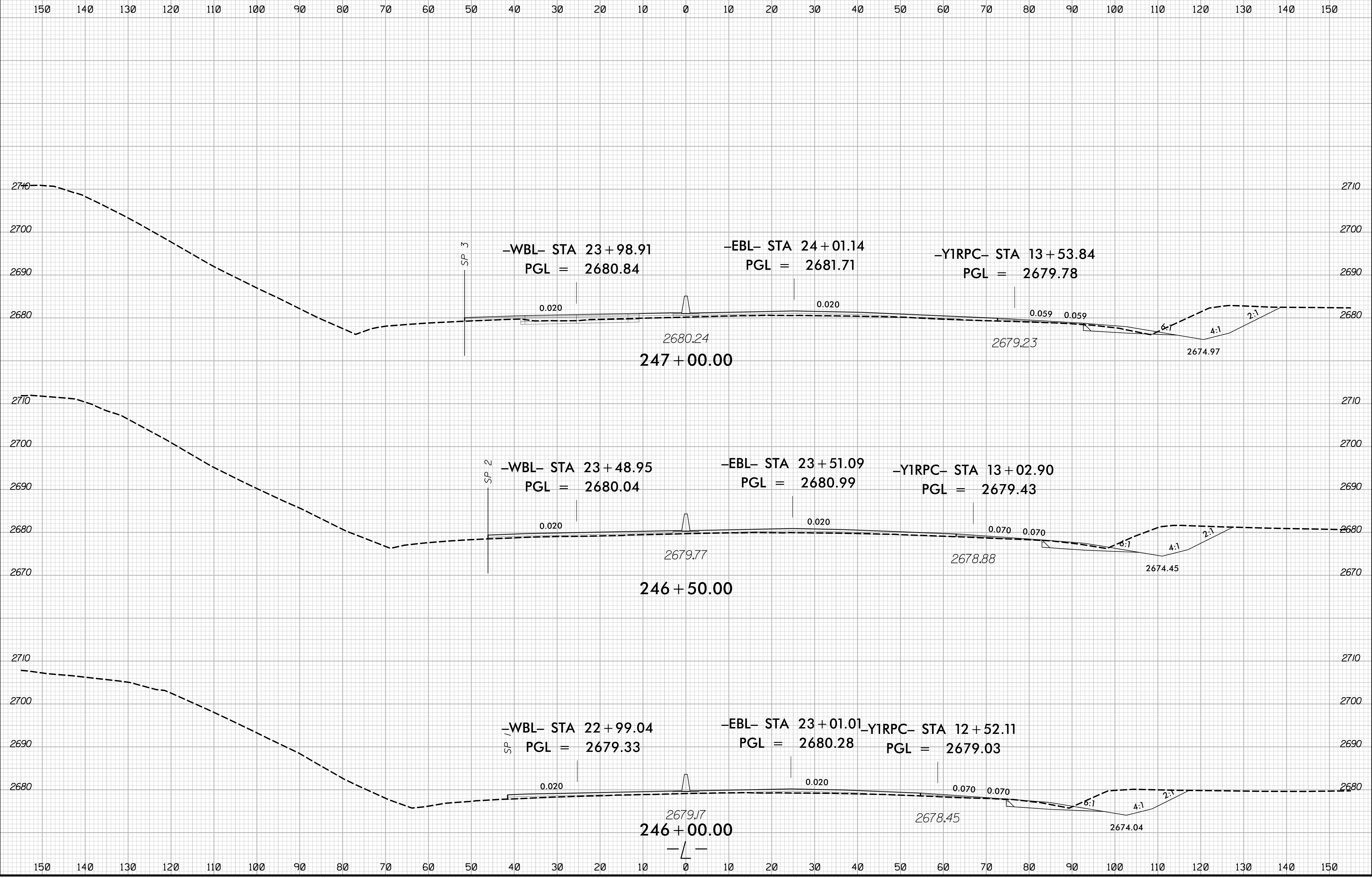


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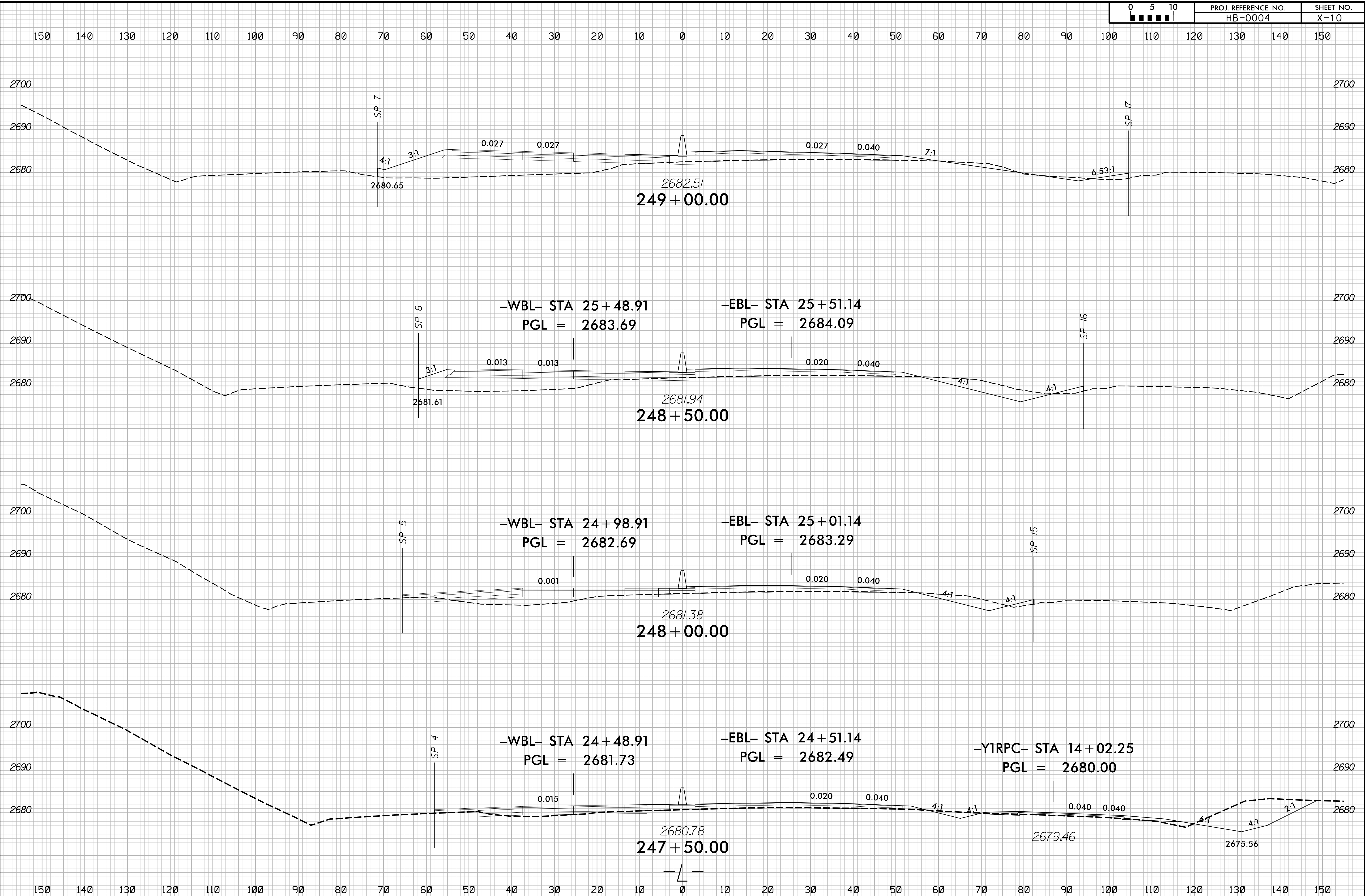
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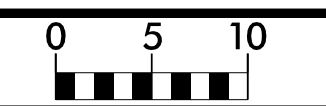
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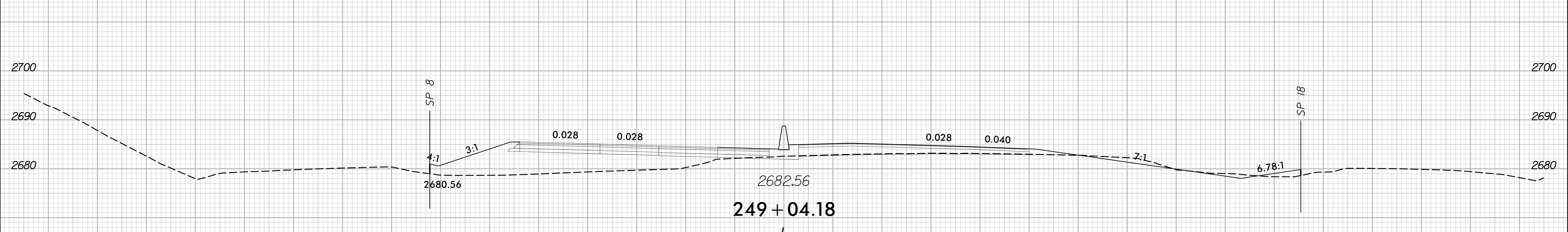
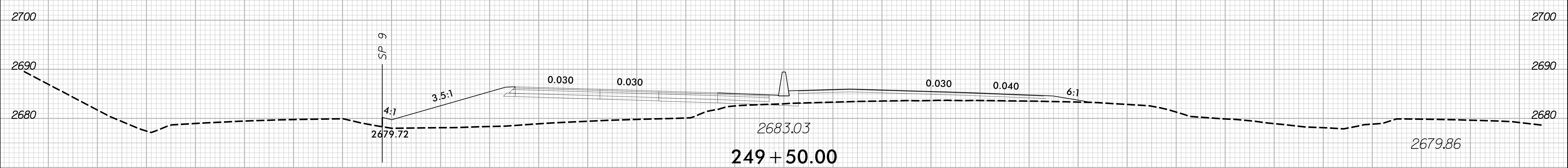
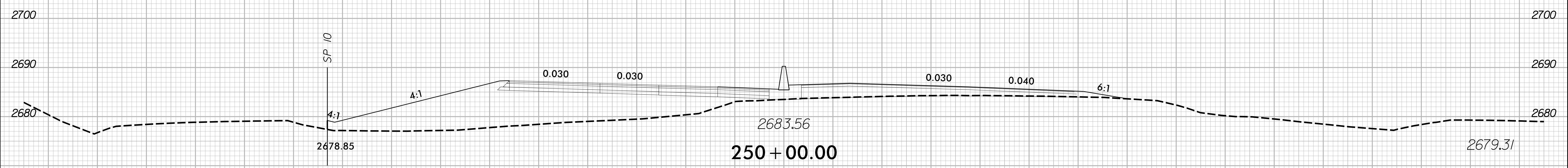
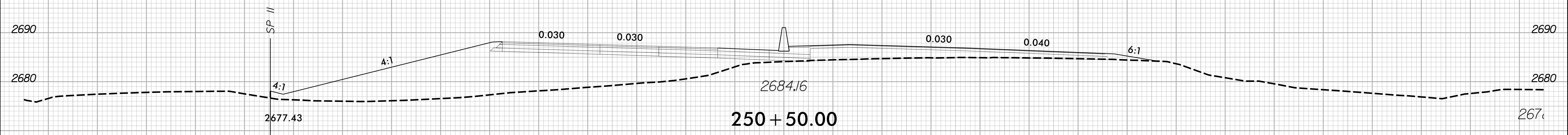
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HB-0004	X-11

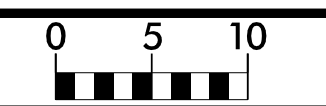
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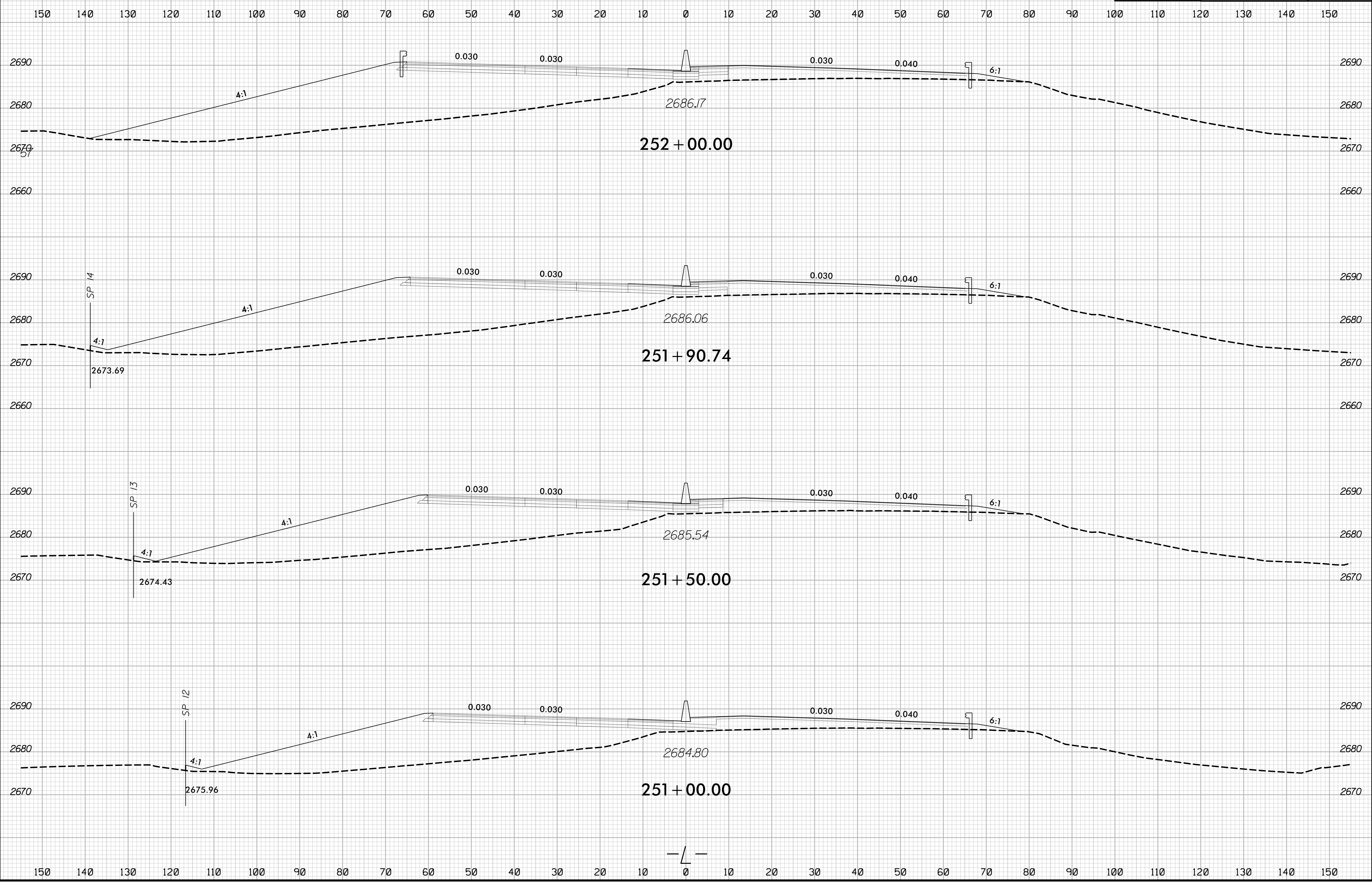
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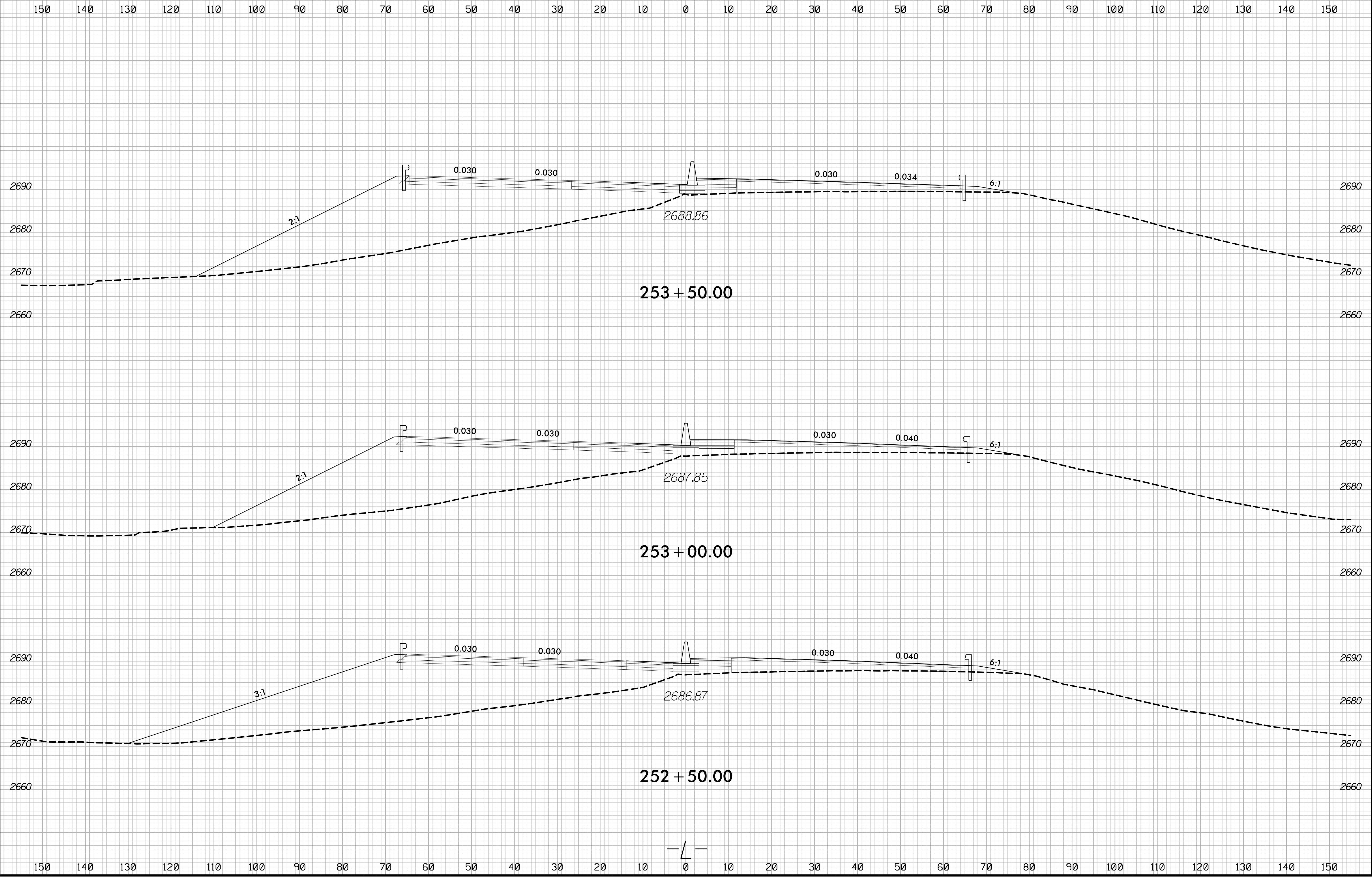
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HB-0004	X-12



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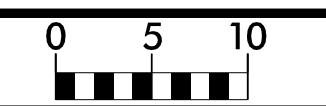
8/23/99

	PROJ. REFERENCE NO.	SHEET NO.
	HB-0004	X-13

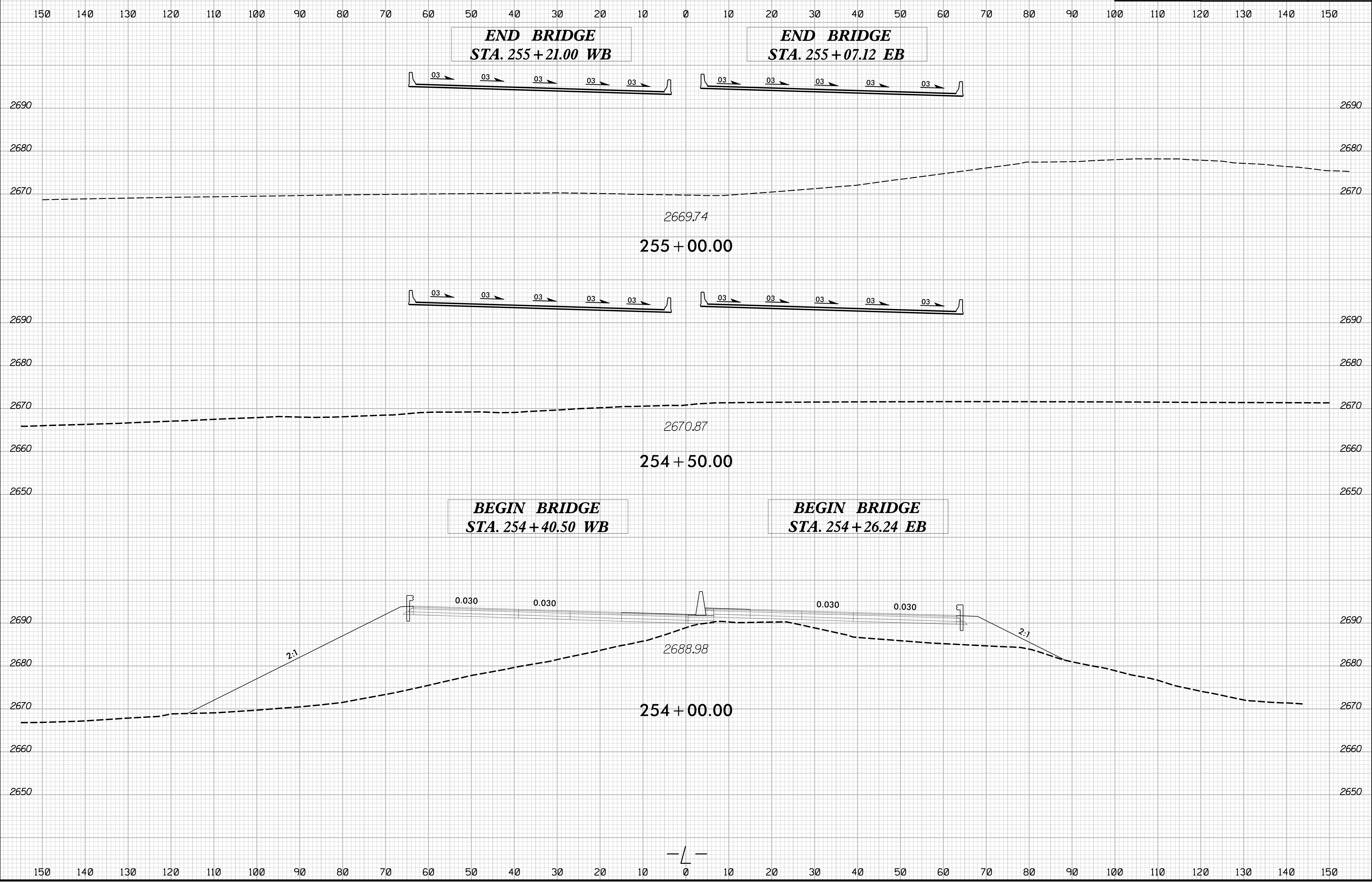


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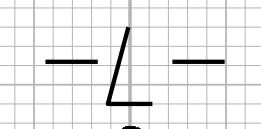
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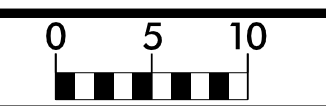
PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-14



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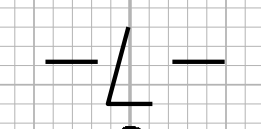
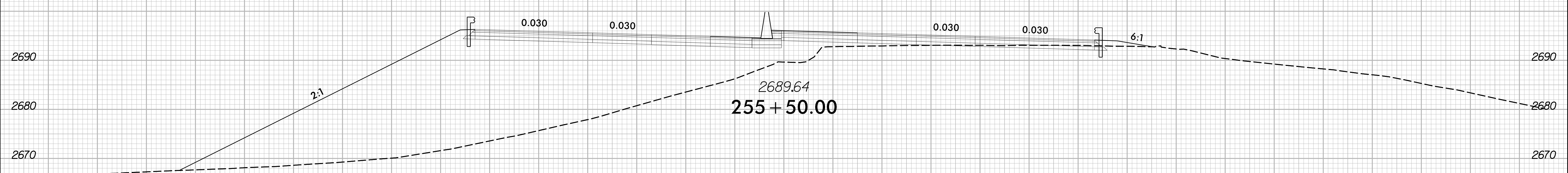
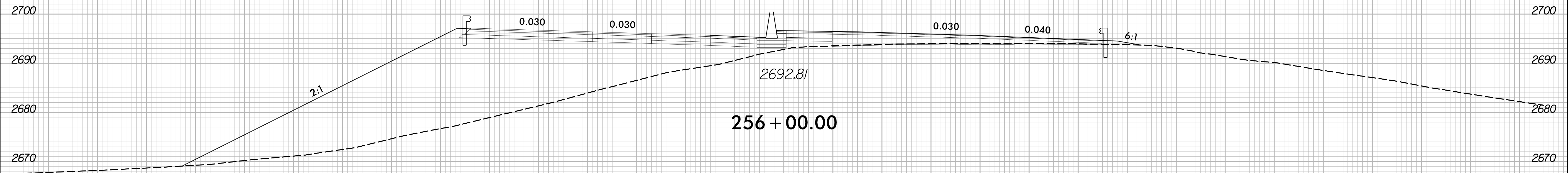
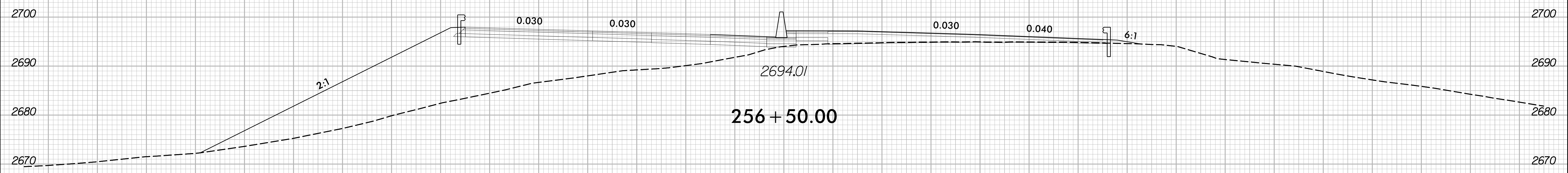


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PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-15

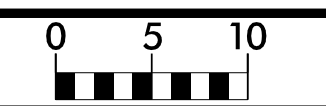
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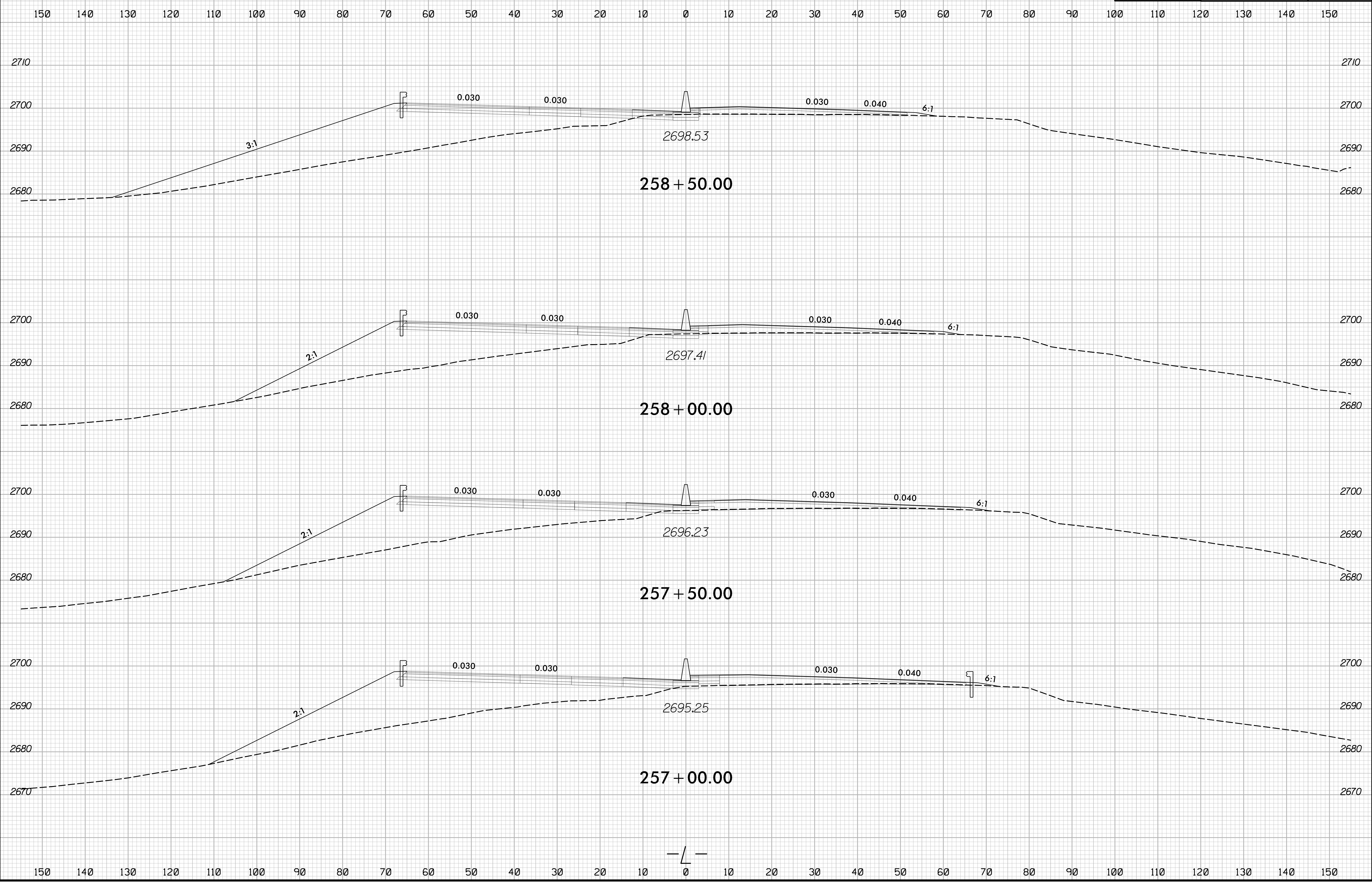
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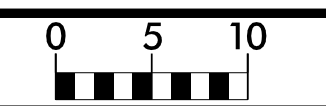


PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-16

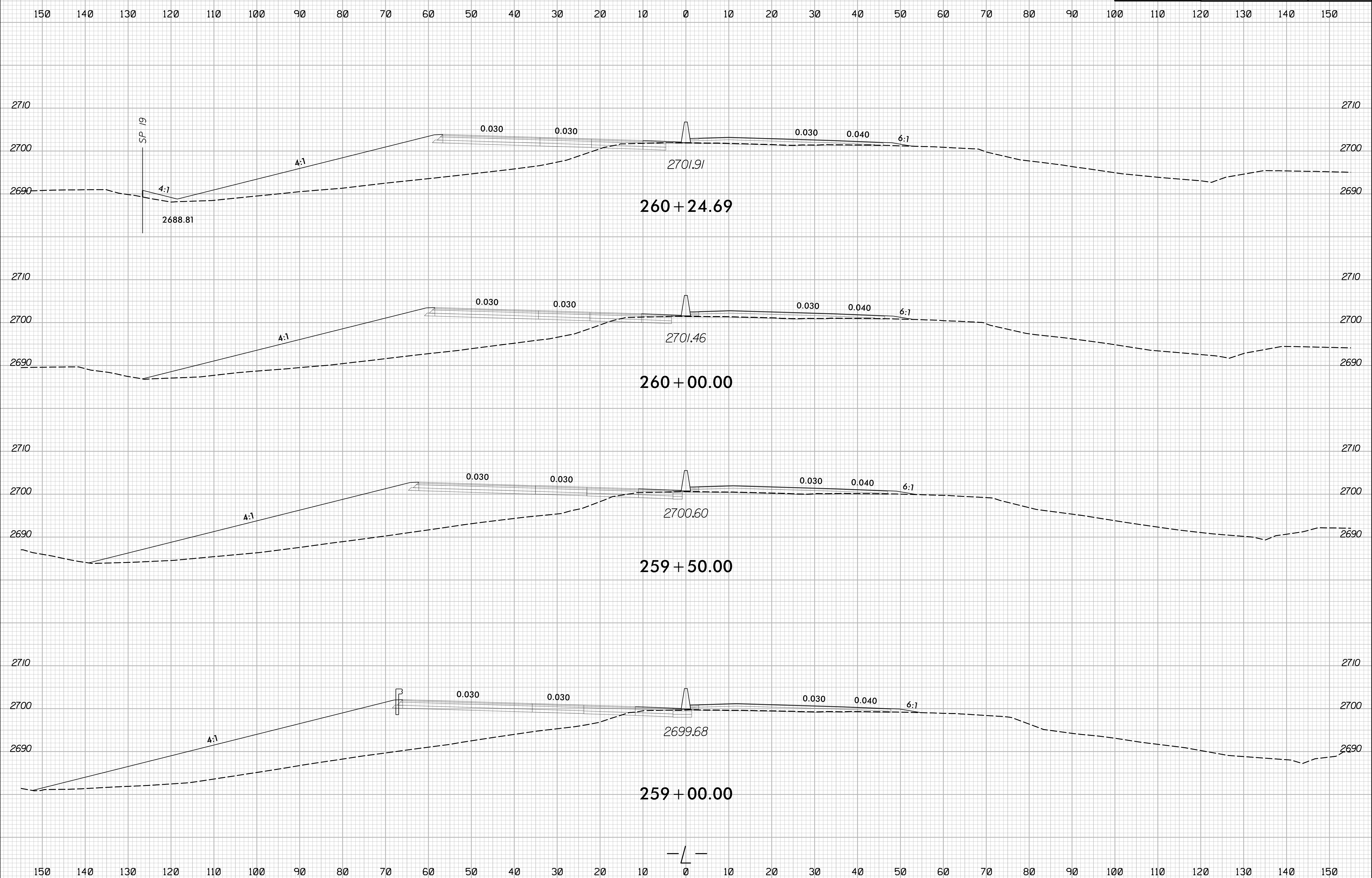


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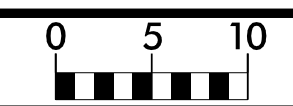


PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-17

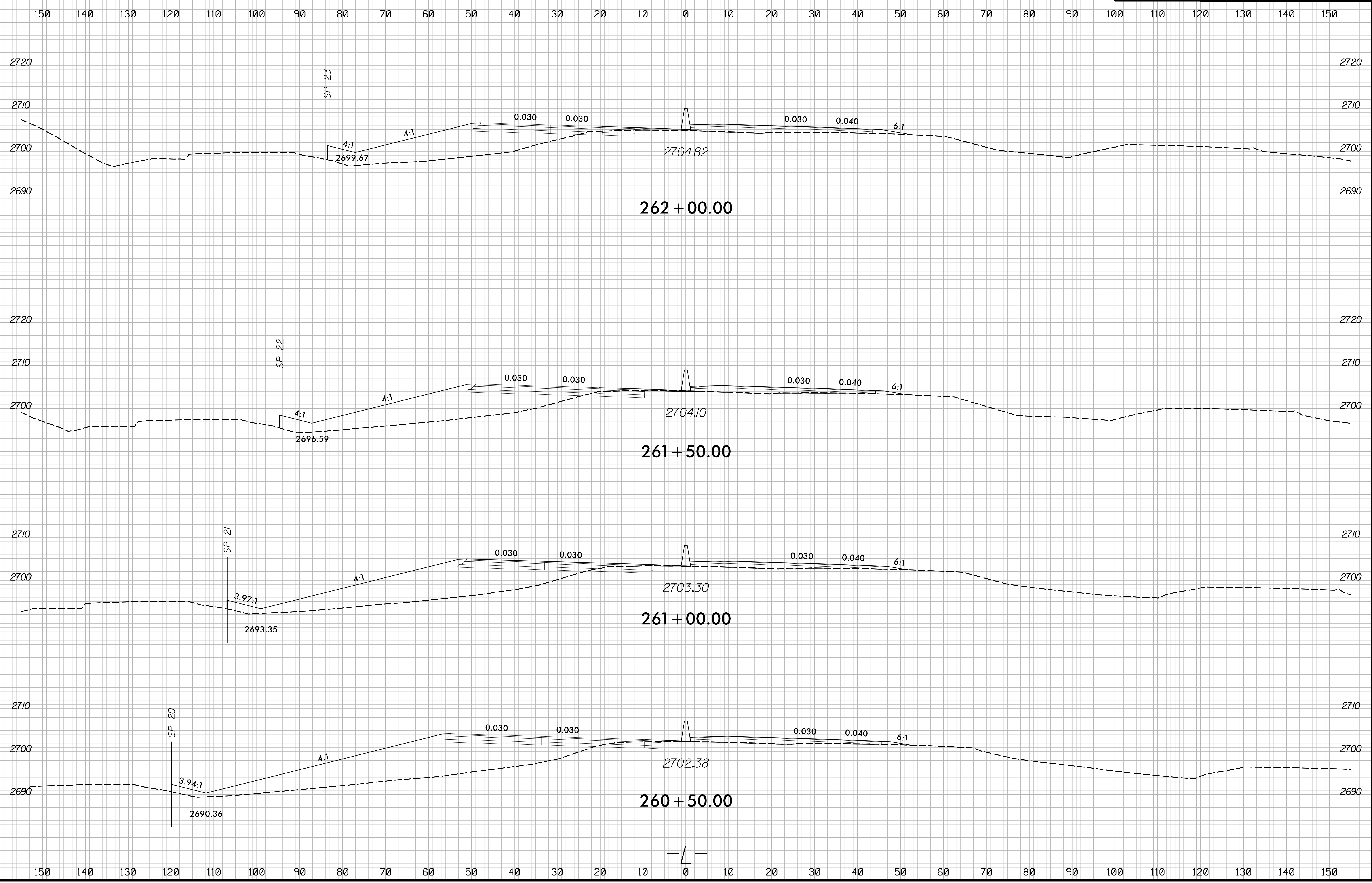


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JSE

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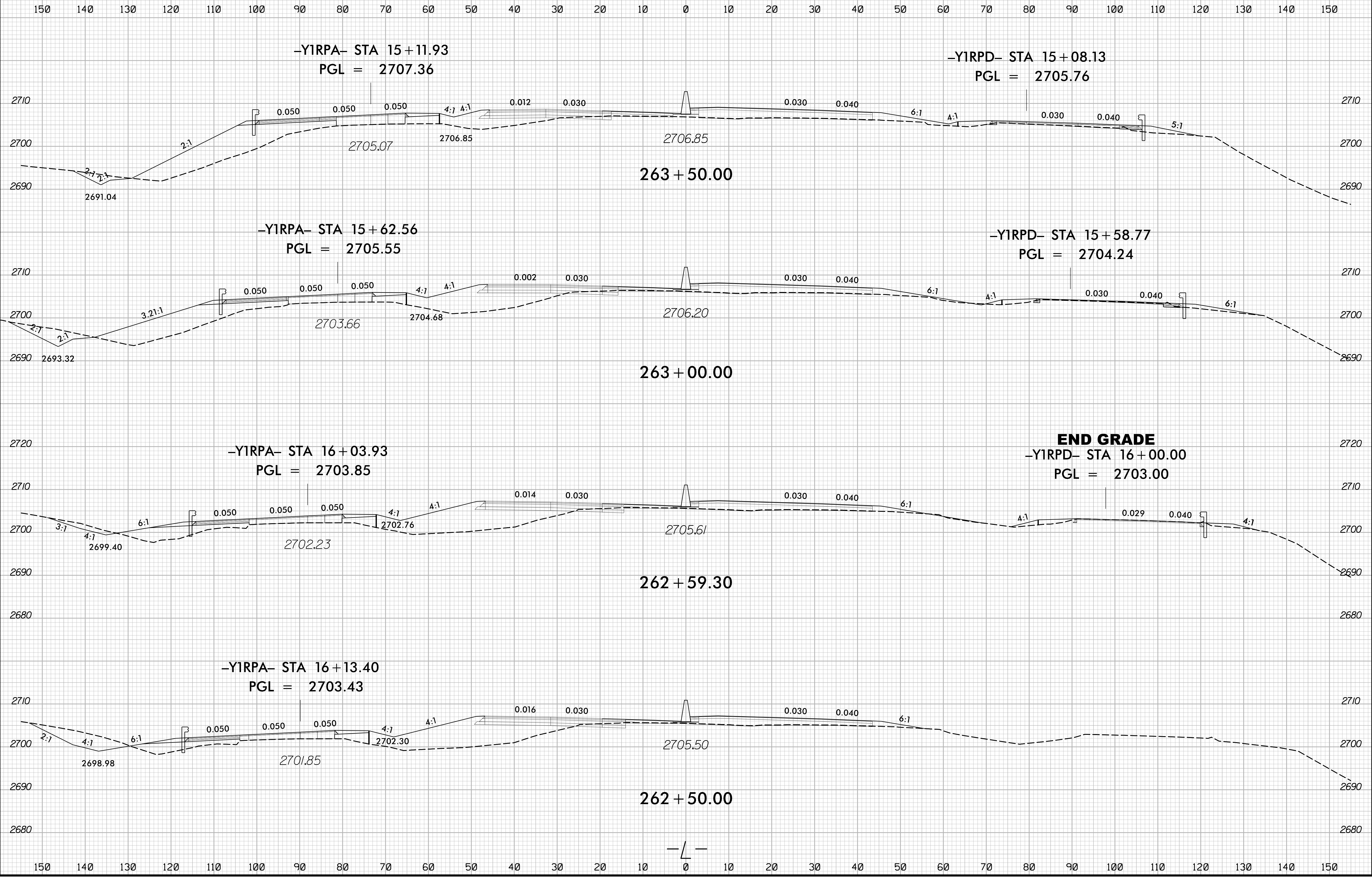
PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-18



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JTB

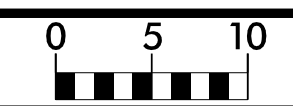
8/23/99

0 5 10	PROJ. REFERENCE NO. HB-0004	SHEET NO. X-19
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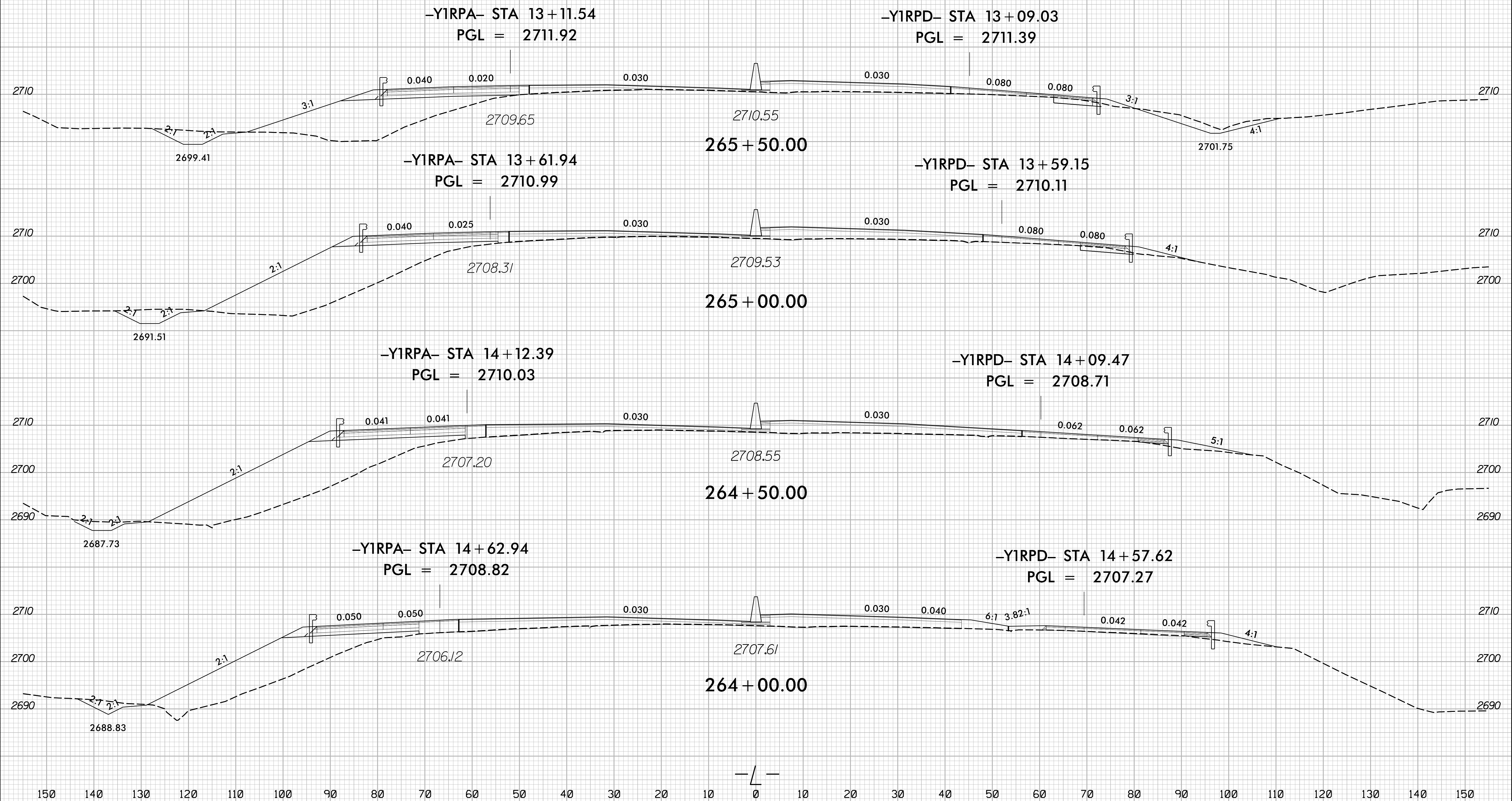
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PROJ. REFERENCE NO. HB-0004	SHEET NO. X-20
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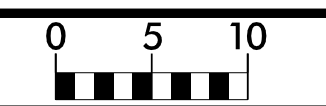
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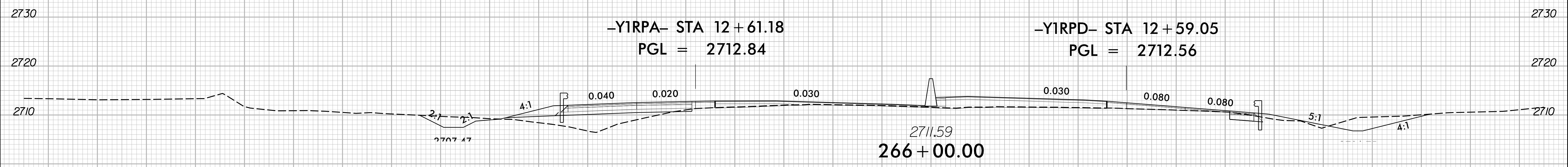
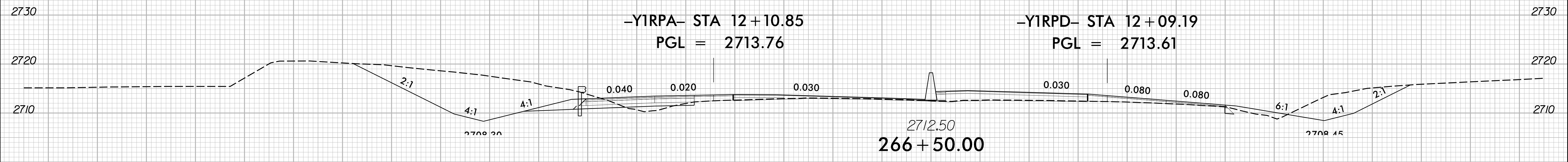
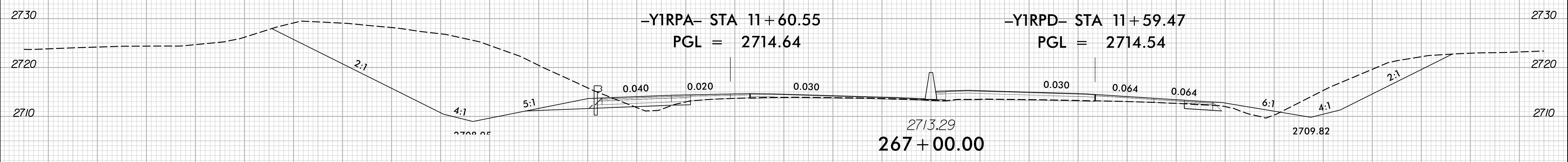
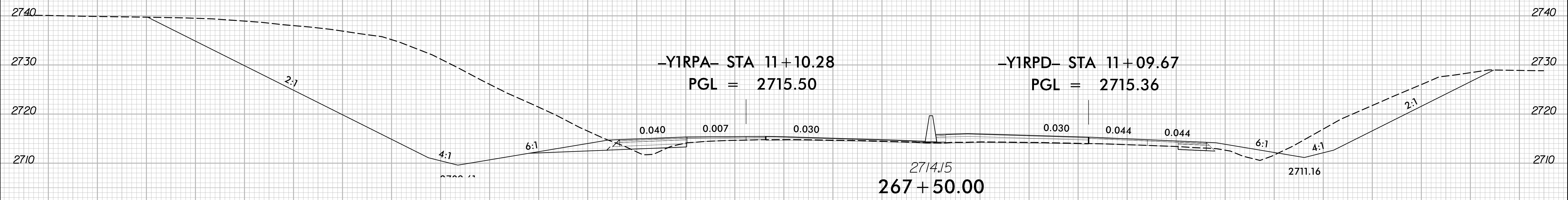
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PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-21

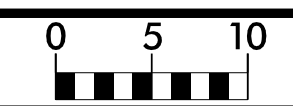
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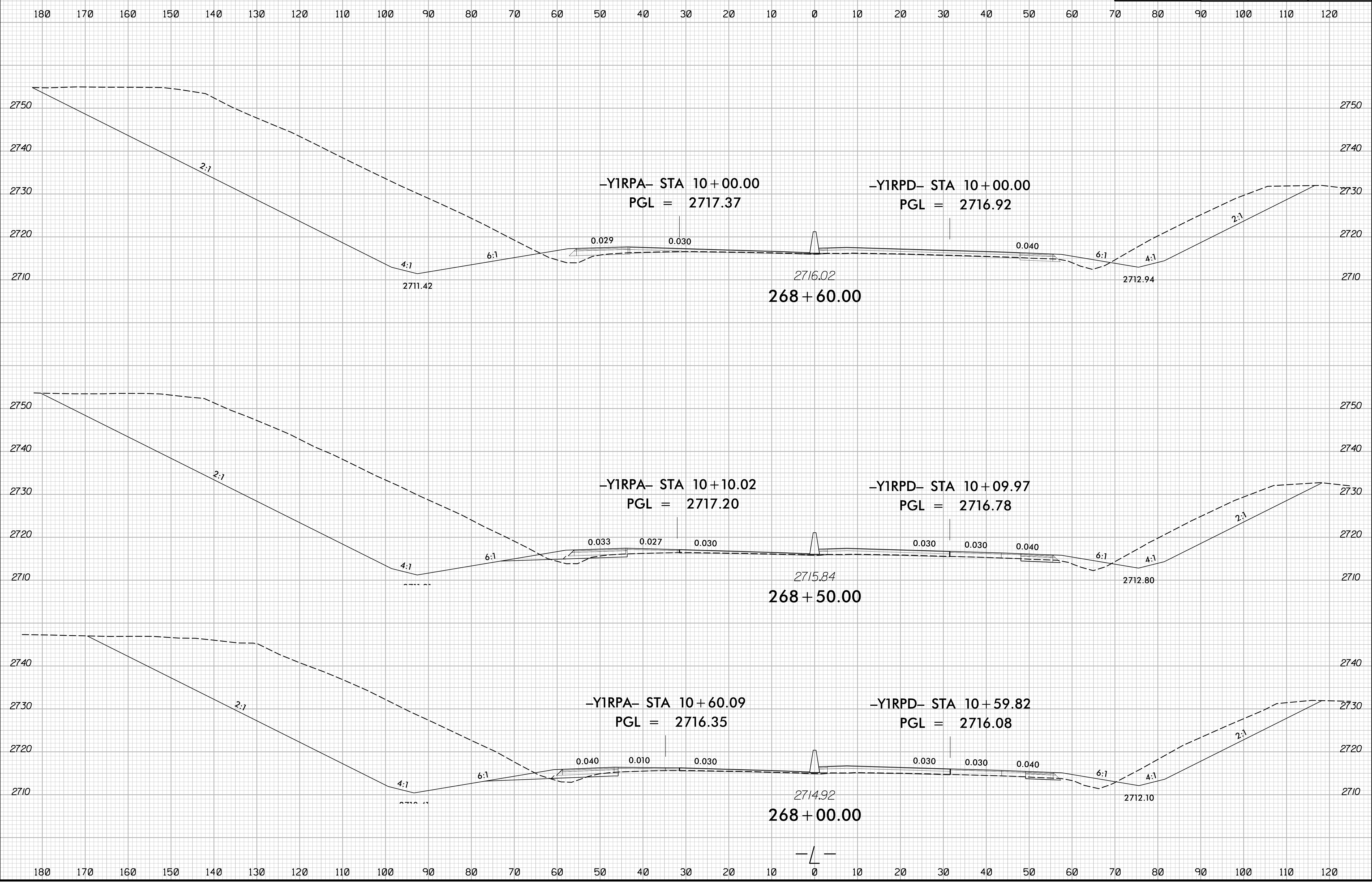
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1:51:13
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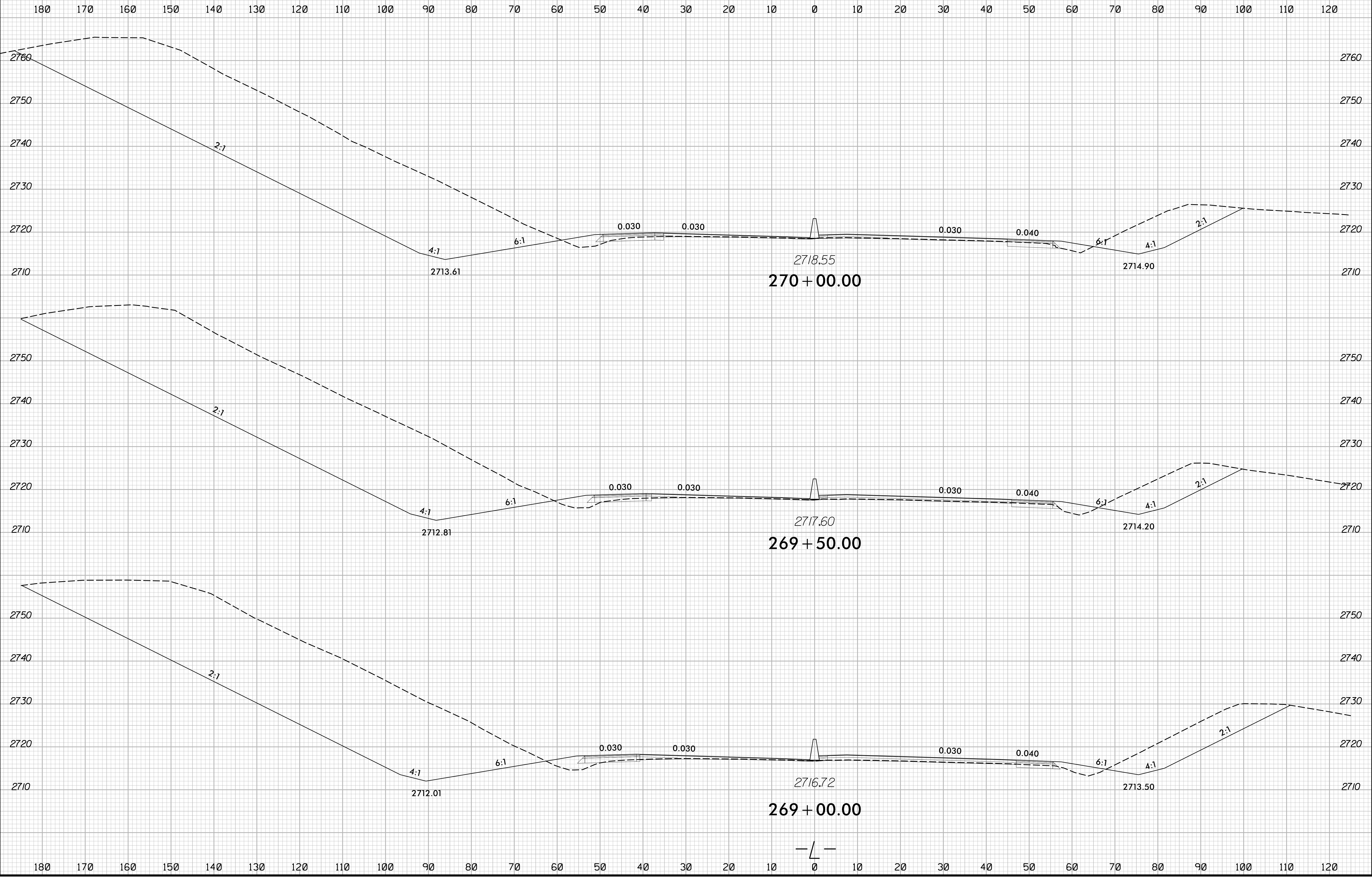
PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-22



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1:51:13 PM
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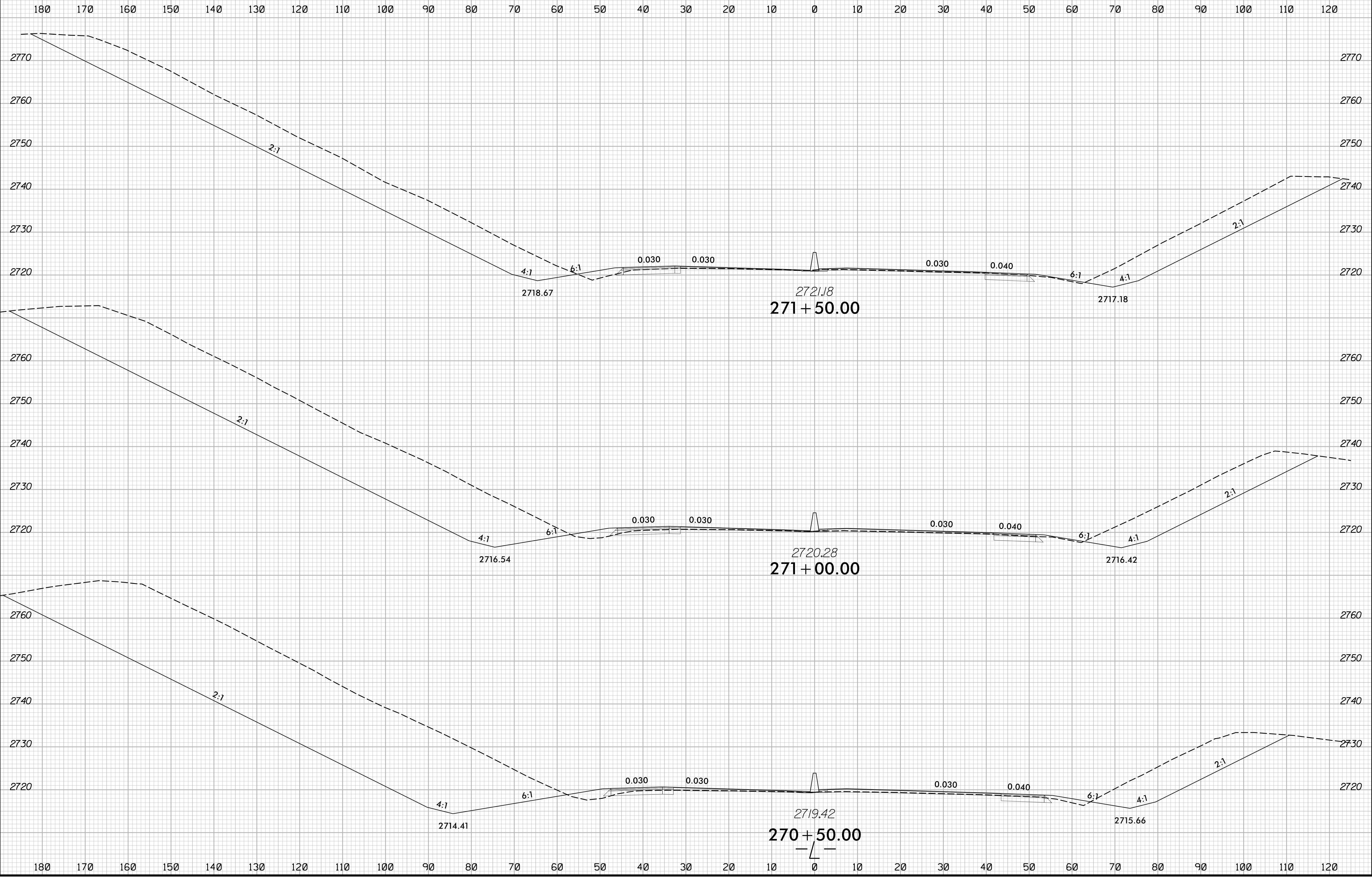
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	HB-0004	X-23



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JSE/ETC/ETC

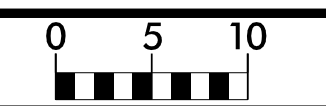
8/23/99

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	HB-0004	X-24

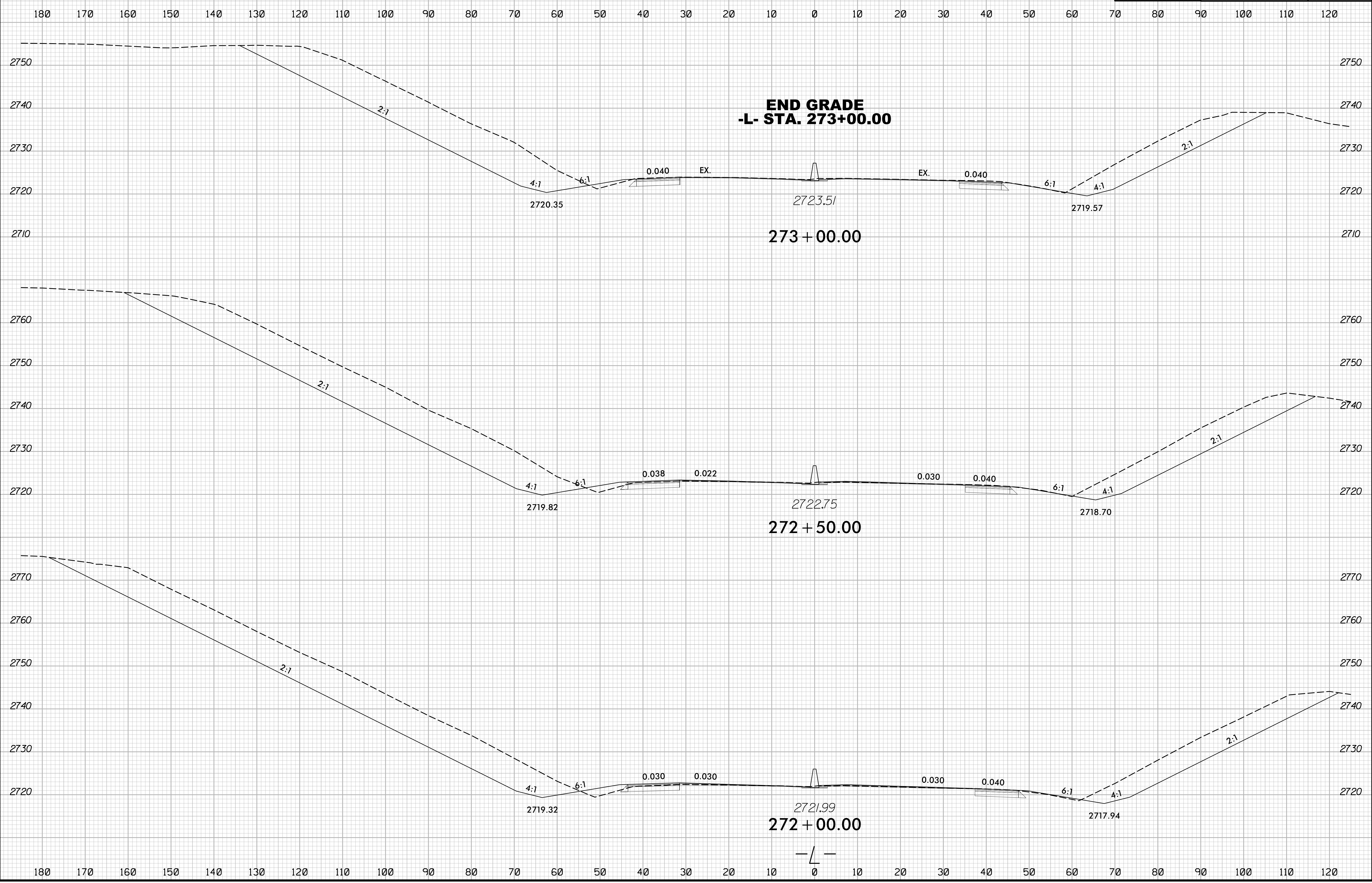


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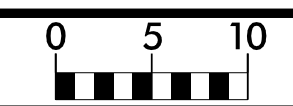


PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-25



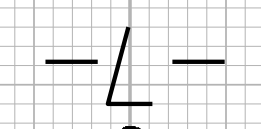
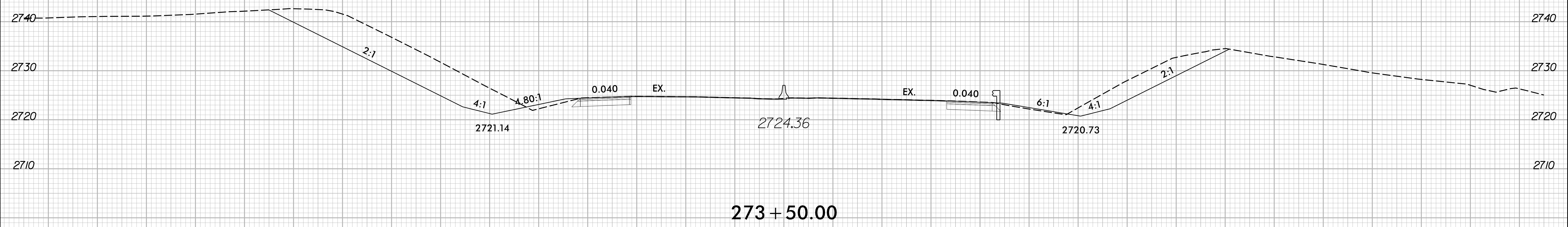
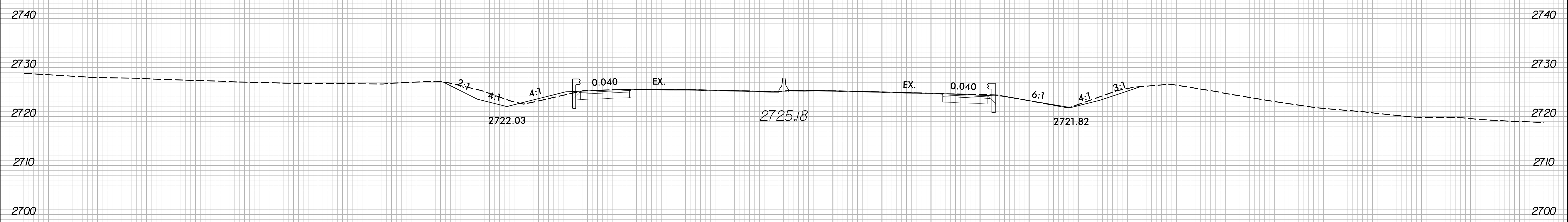
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PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-26

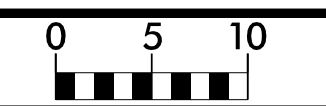
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

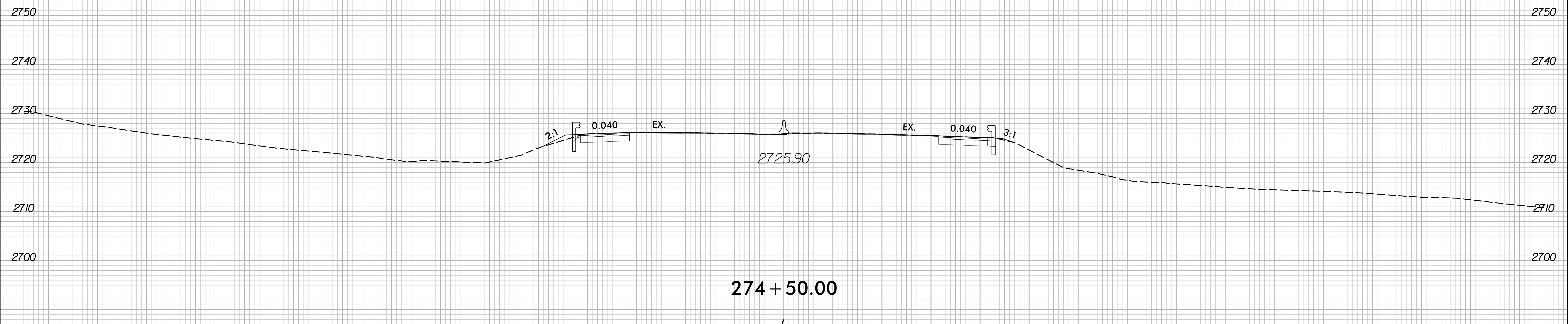
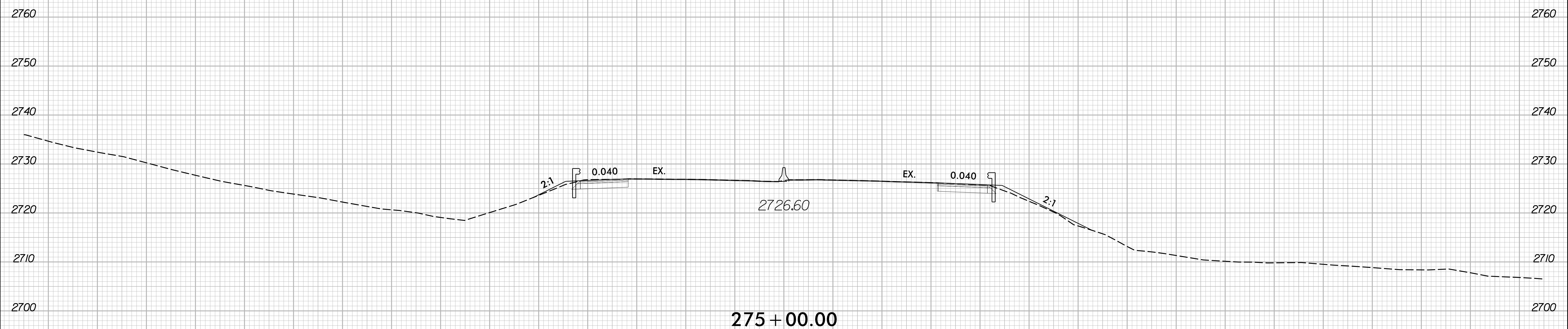
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PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-27

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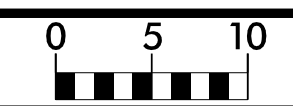


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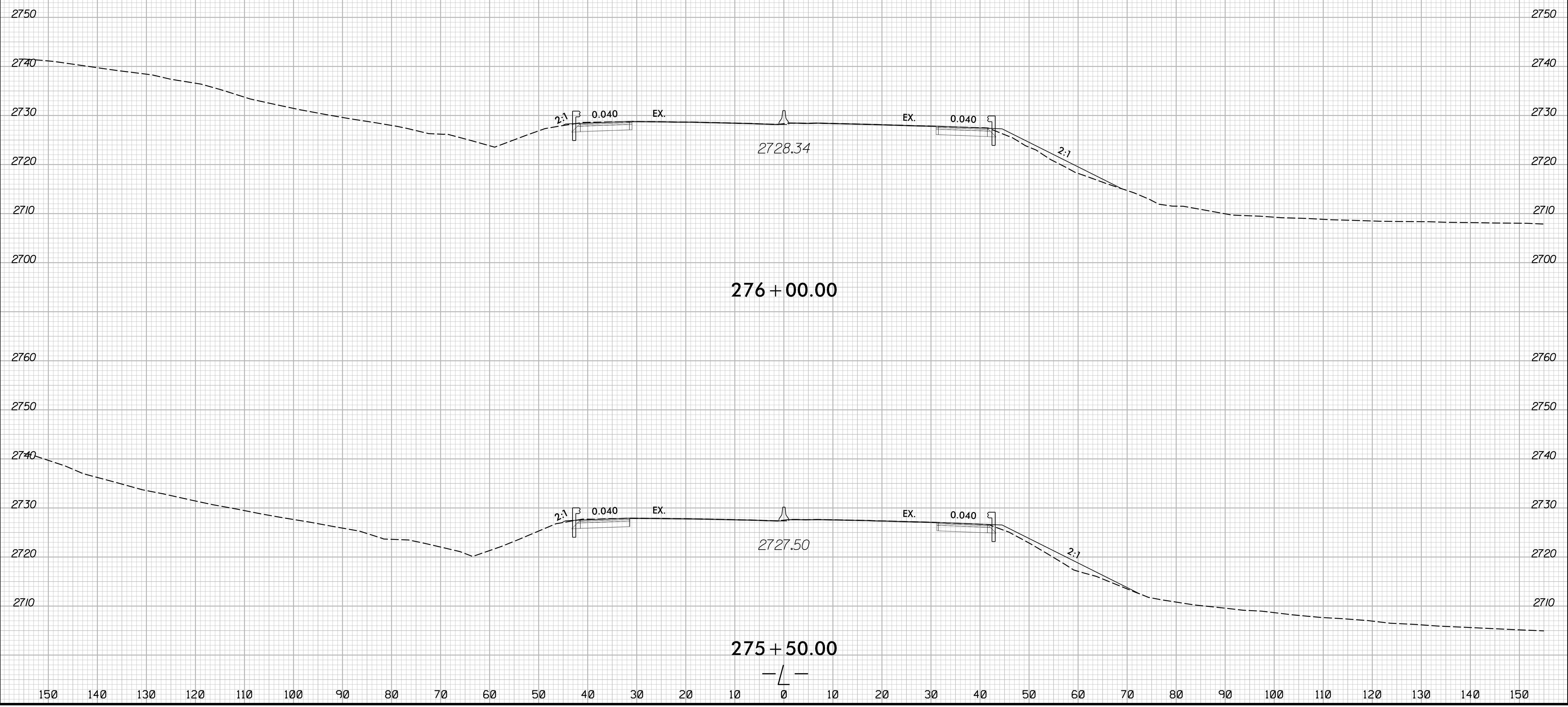
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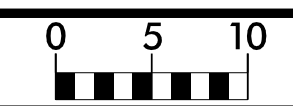
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HB-0004	X-28

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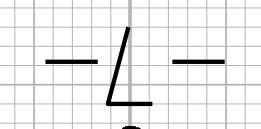
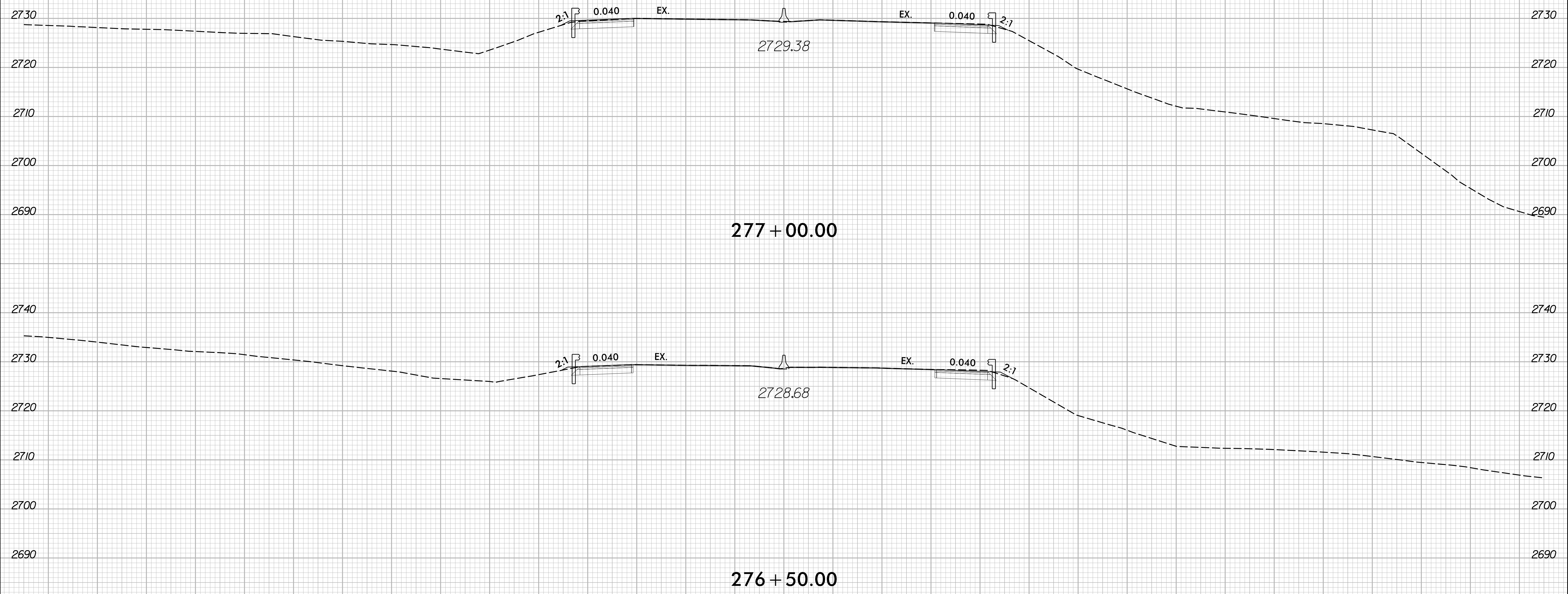
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PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-29

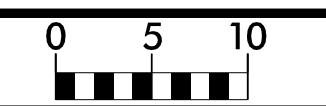
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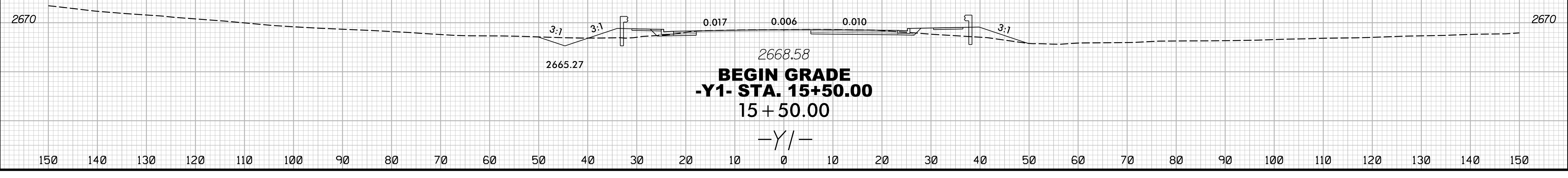
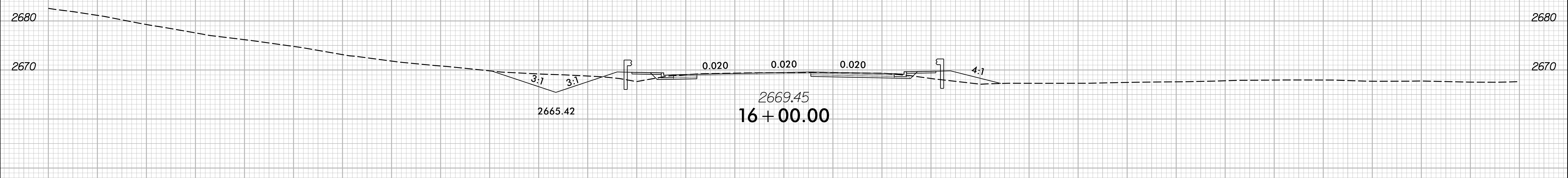
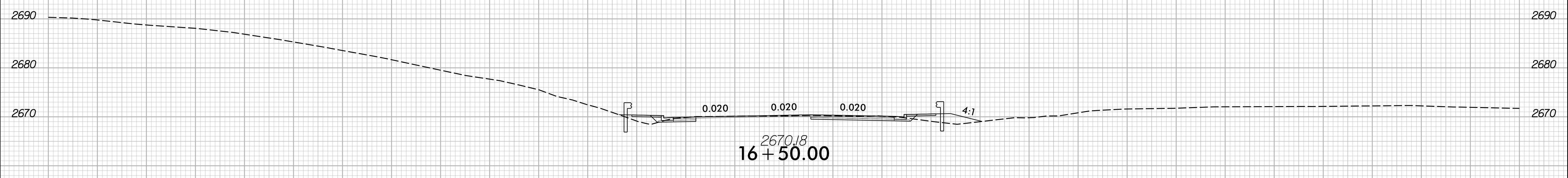
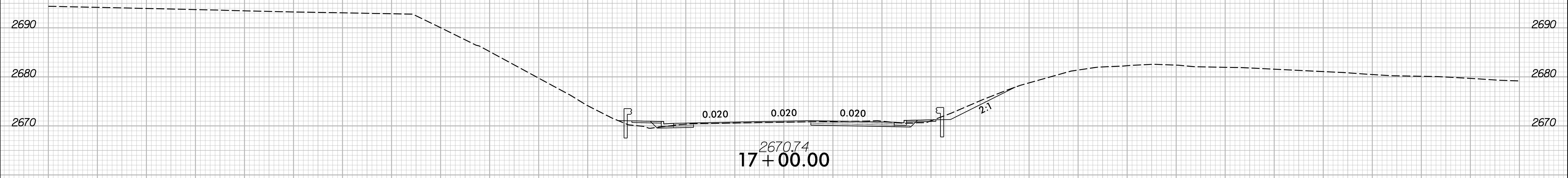
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PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-30

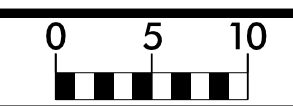
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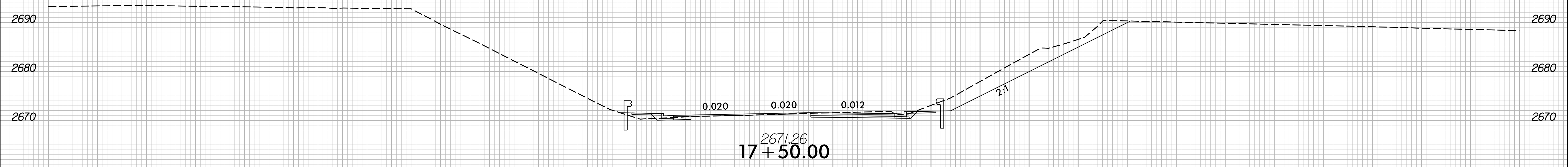
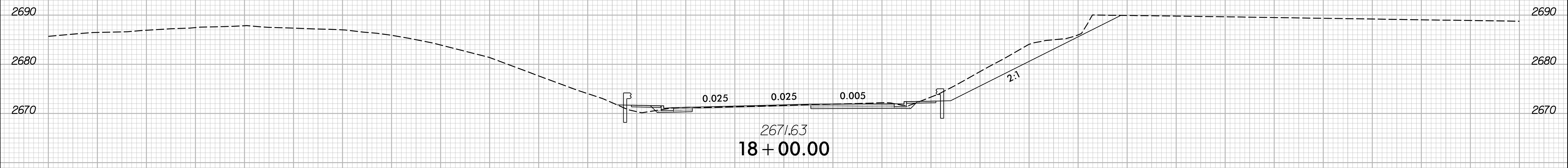
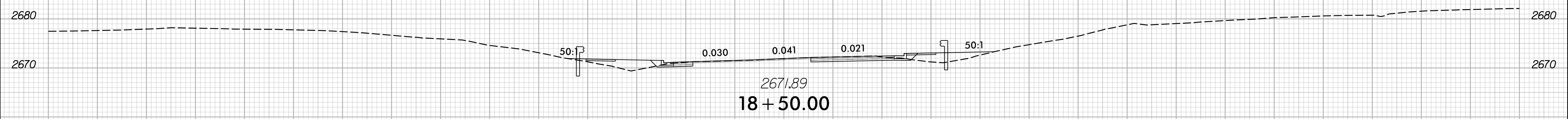
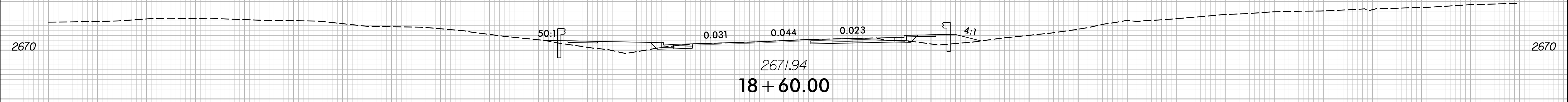
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PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-31

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**END GRADE
-Y1- STA. 18+60.00**

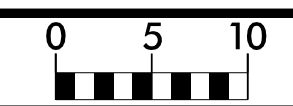


-Y1-

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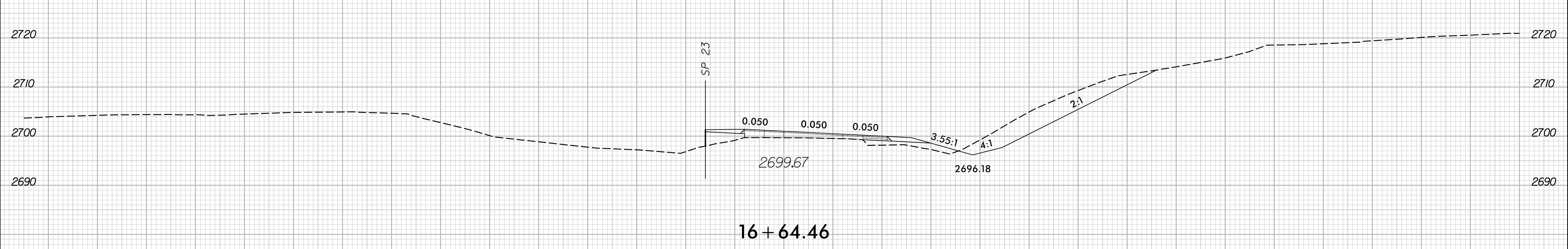
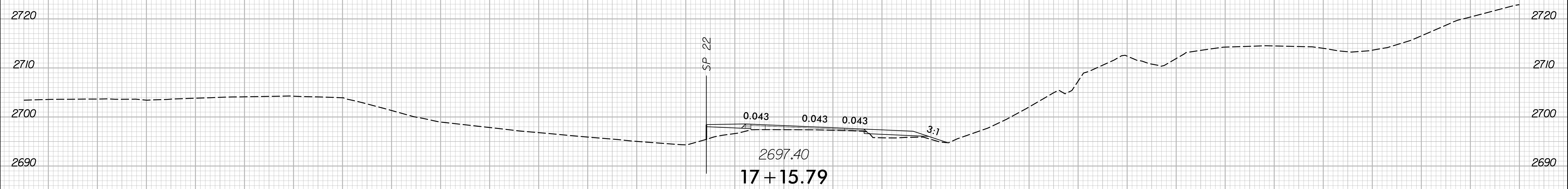
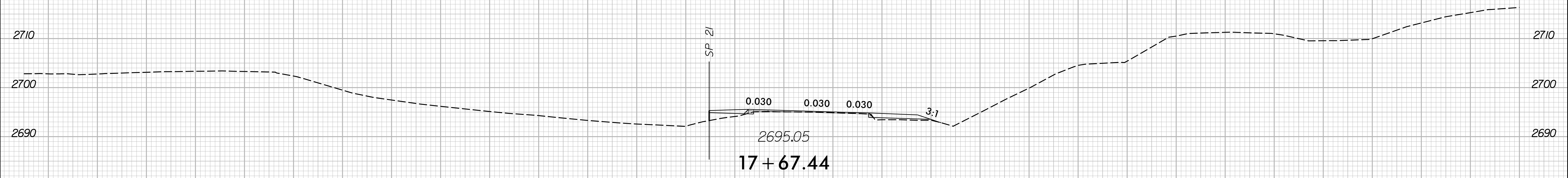
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PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-32

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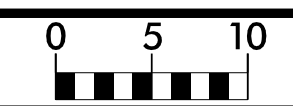


-YIRPA-

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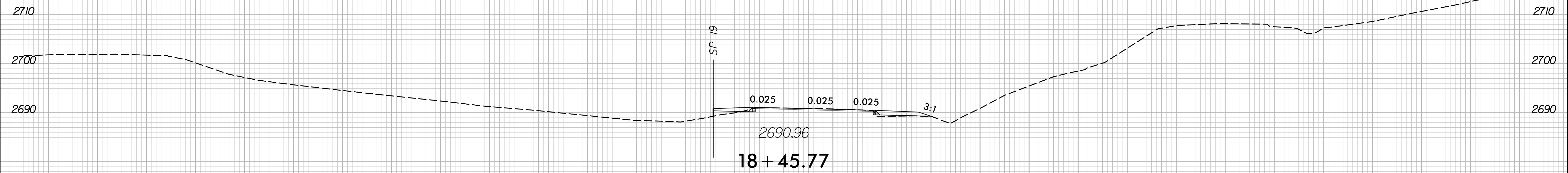
8/23/99



PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-33

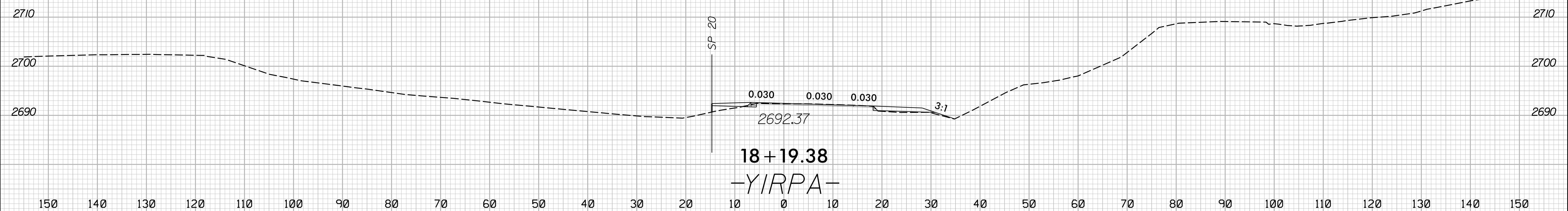
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**END GRADE
-Y1RPA- STA. 18+45.77**



SP 20

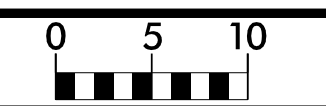
**18+19.38
-Y1RPA-**



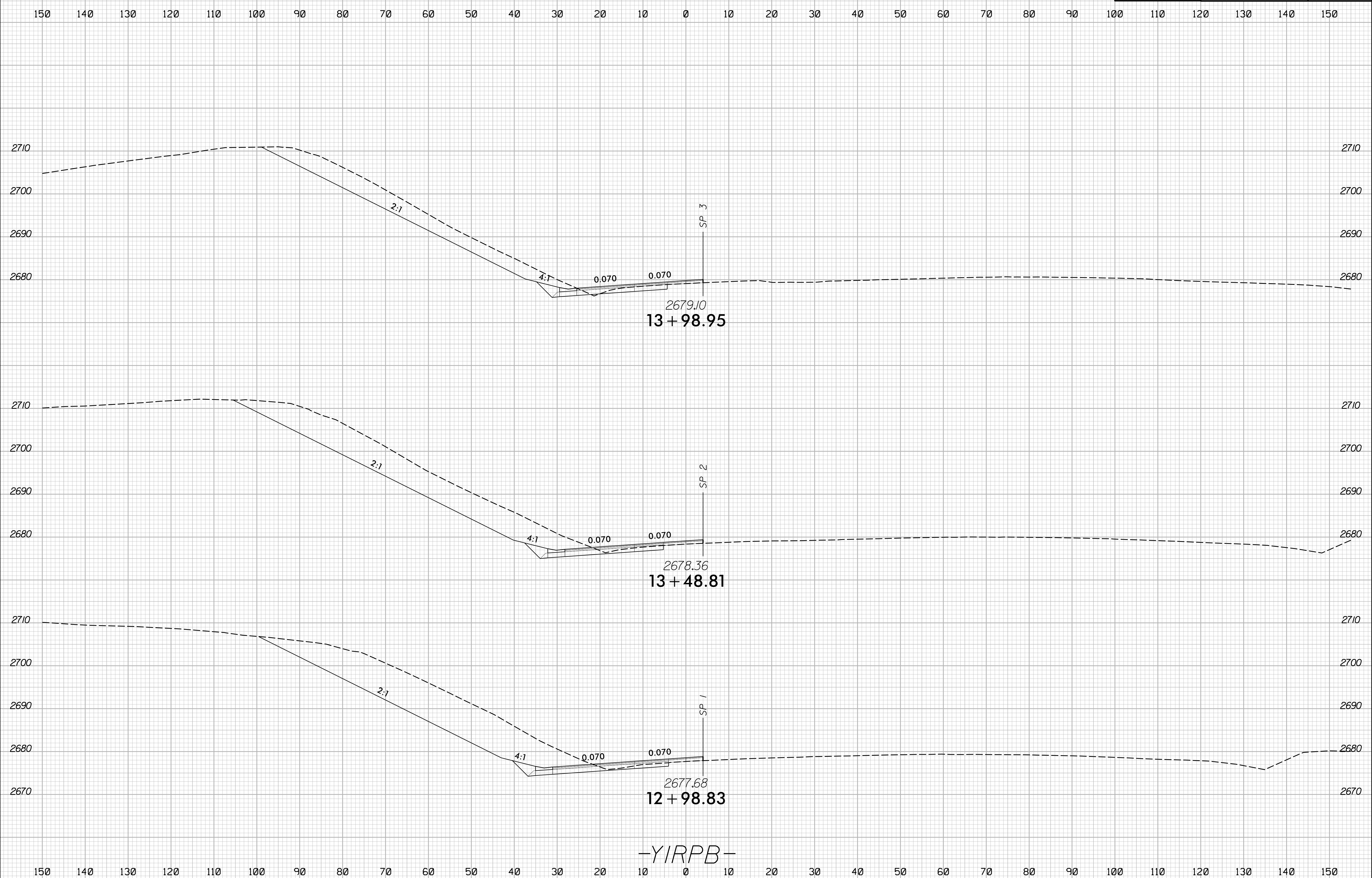
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JSE/RE/16/2024

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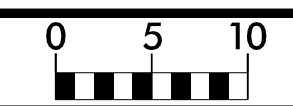
PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-34



-YIRPB-

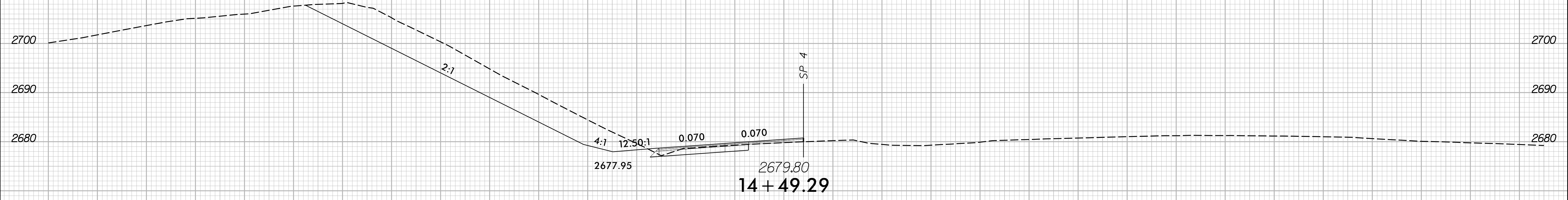
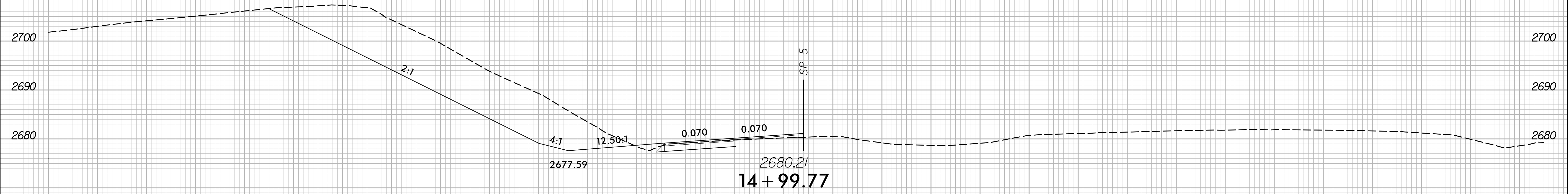
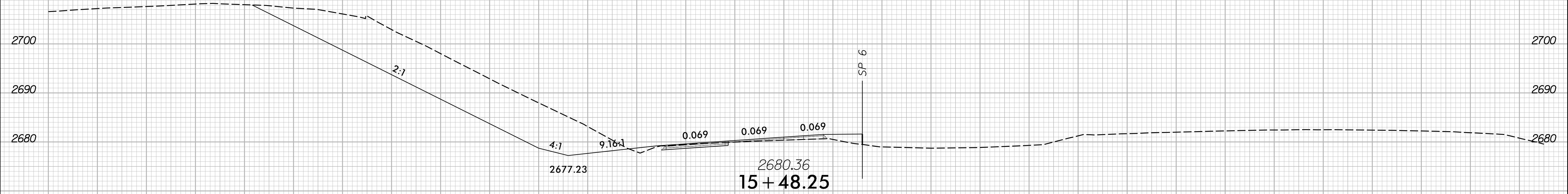
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PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-35

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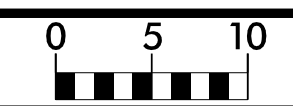


-YIRPB-

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YIRPB.dgn

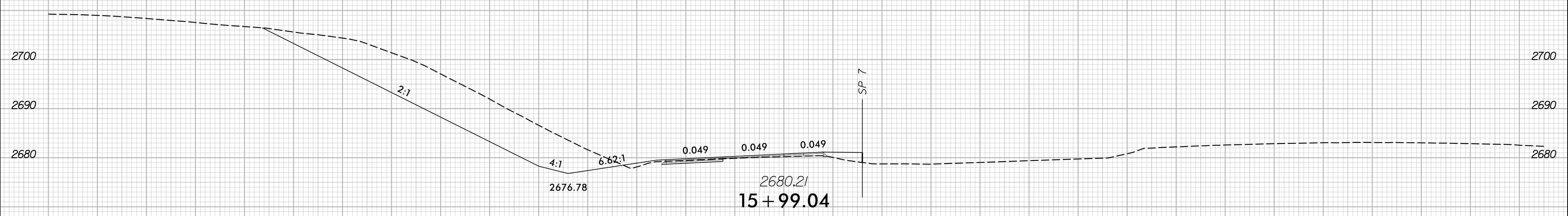
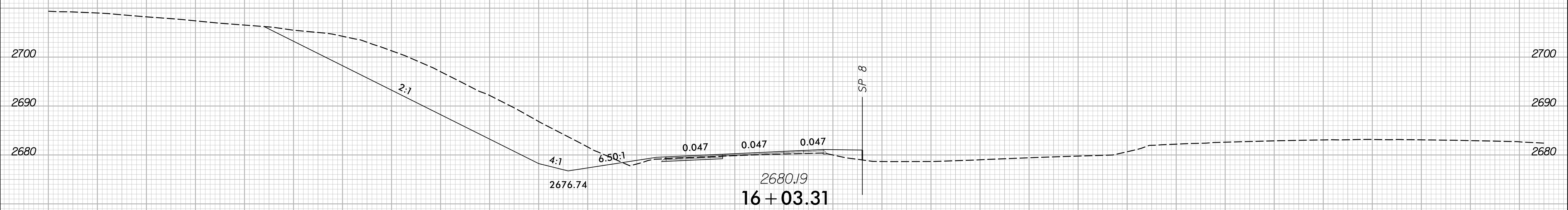
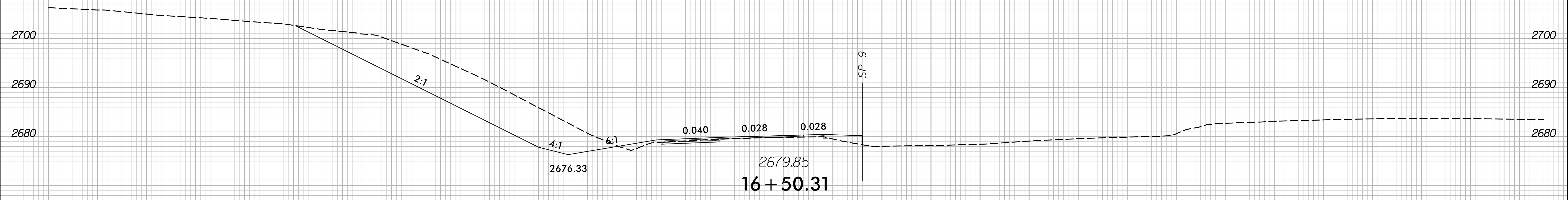
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PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-36

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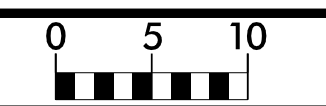


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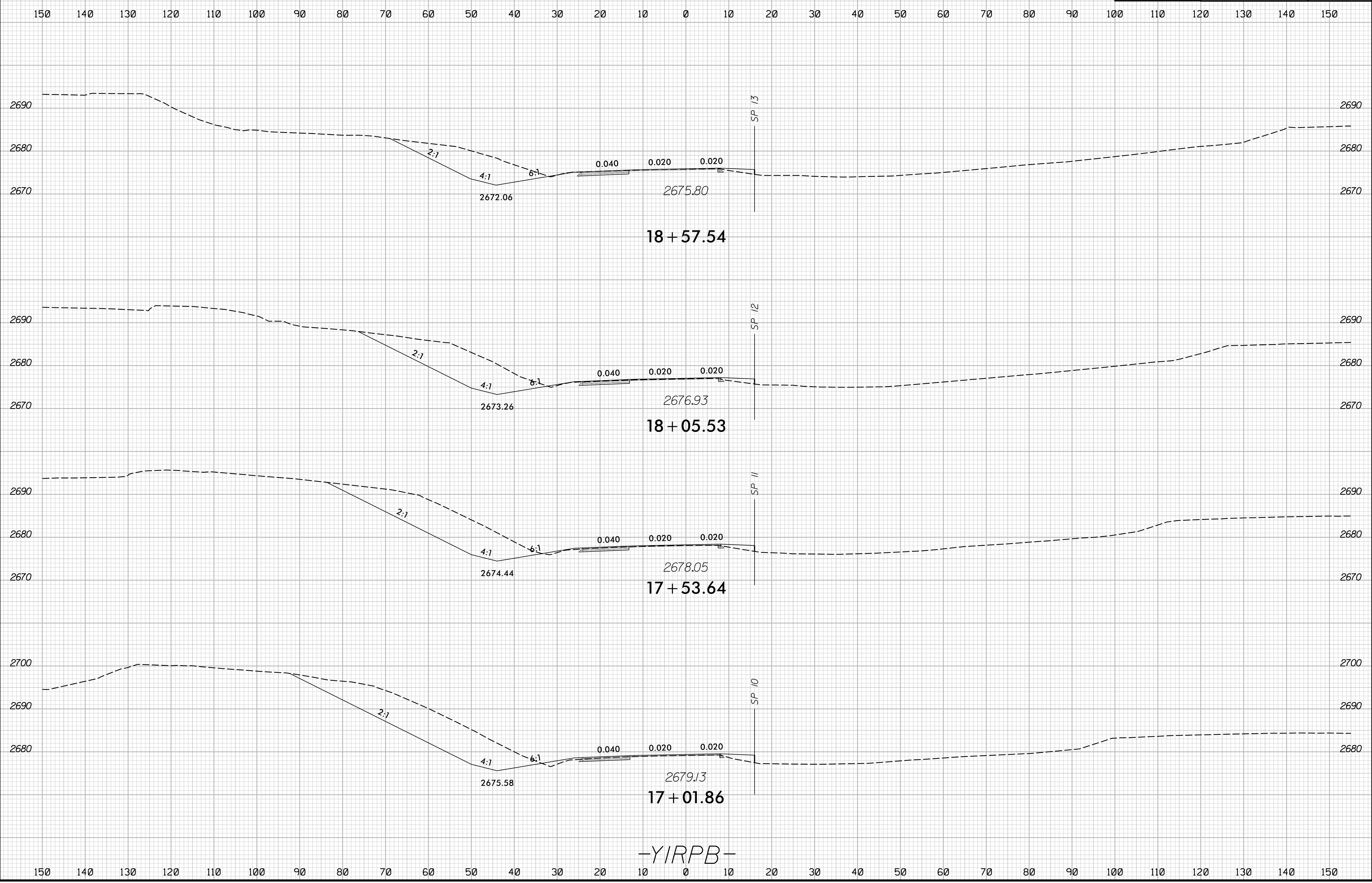
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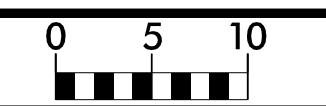
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HB-0004	X-37



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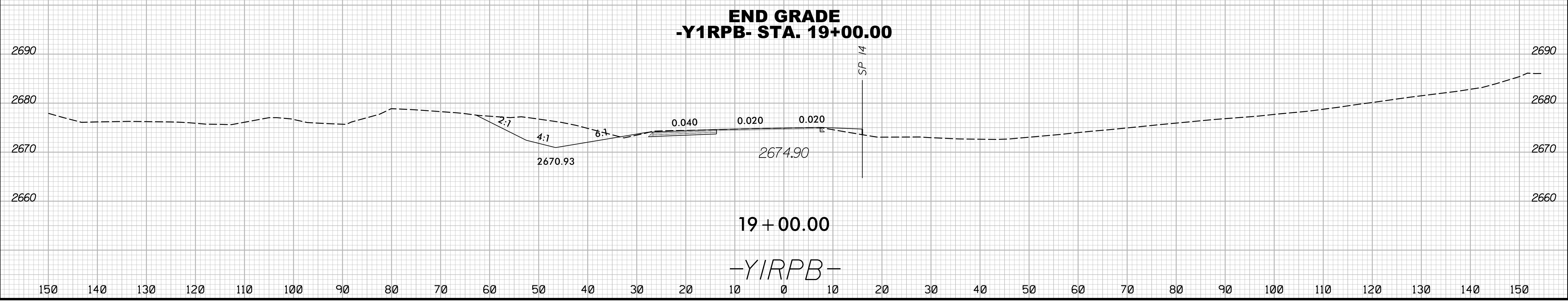
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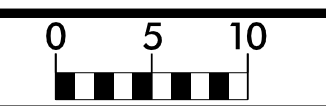
PROJ. REFERENCE NO.	SHEET NO.
HB-0004	X-38

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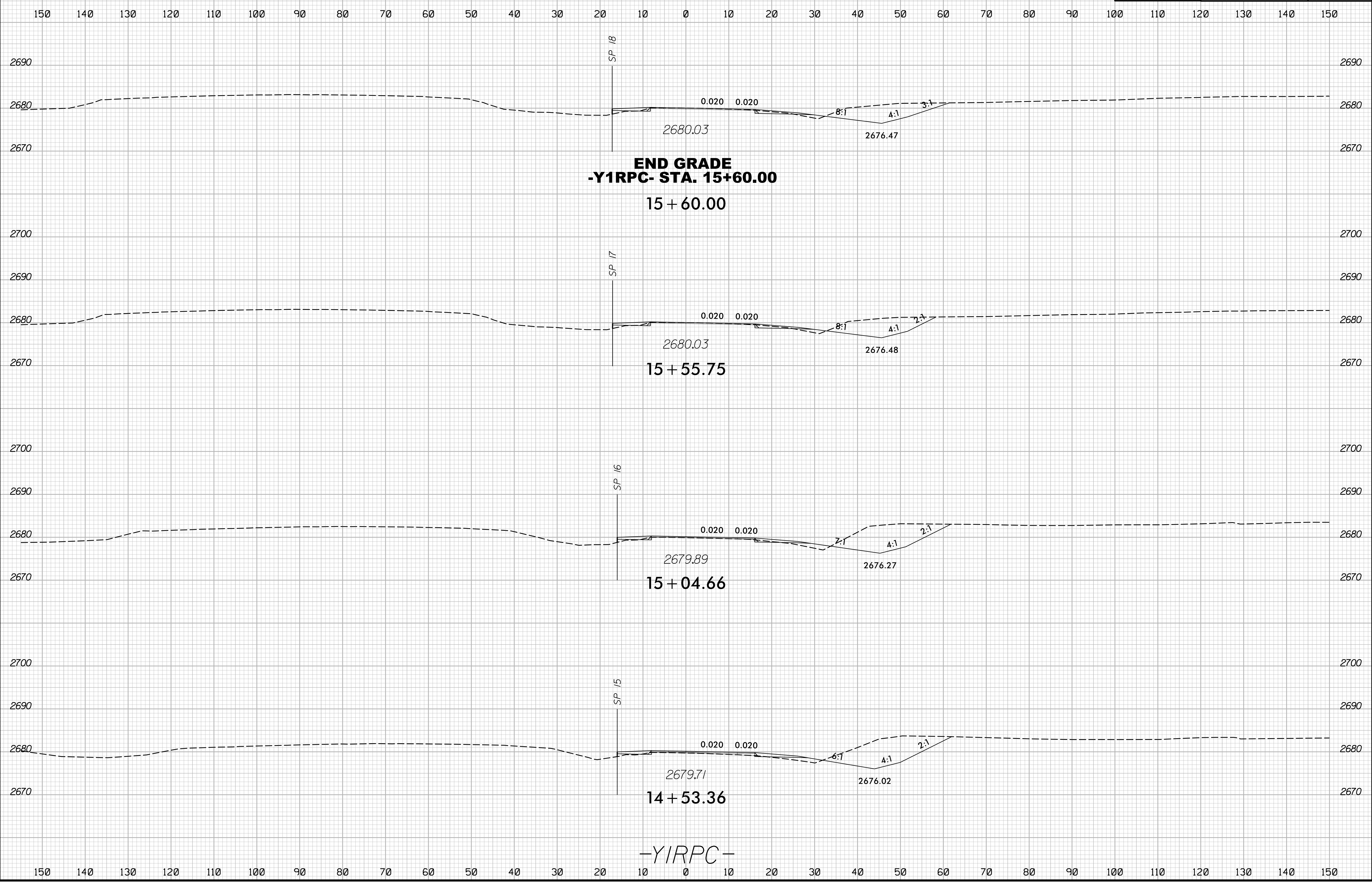


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PROJ. REFERENCE NO.	SHEET NO.
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