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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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EARTHWORK QUANTITIES ARE CALCULATED BY THE ROADWAY DESIGN UNIT. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.

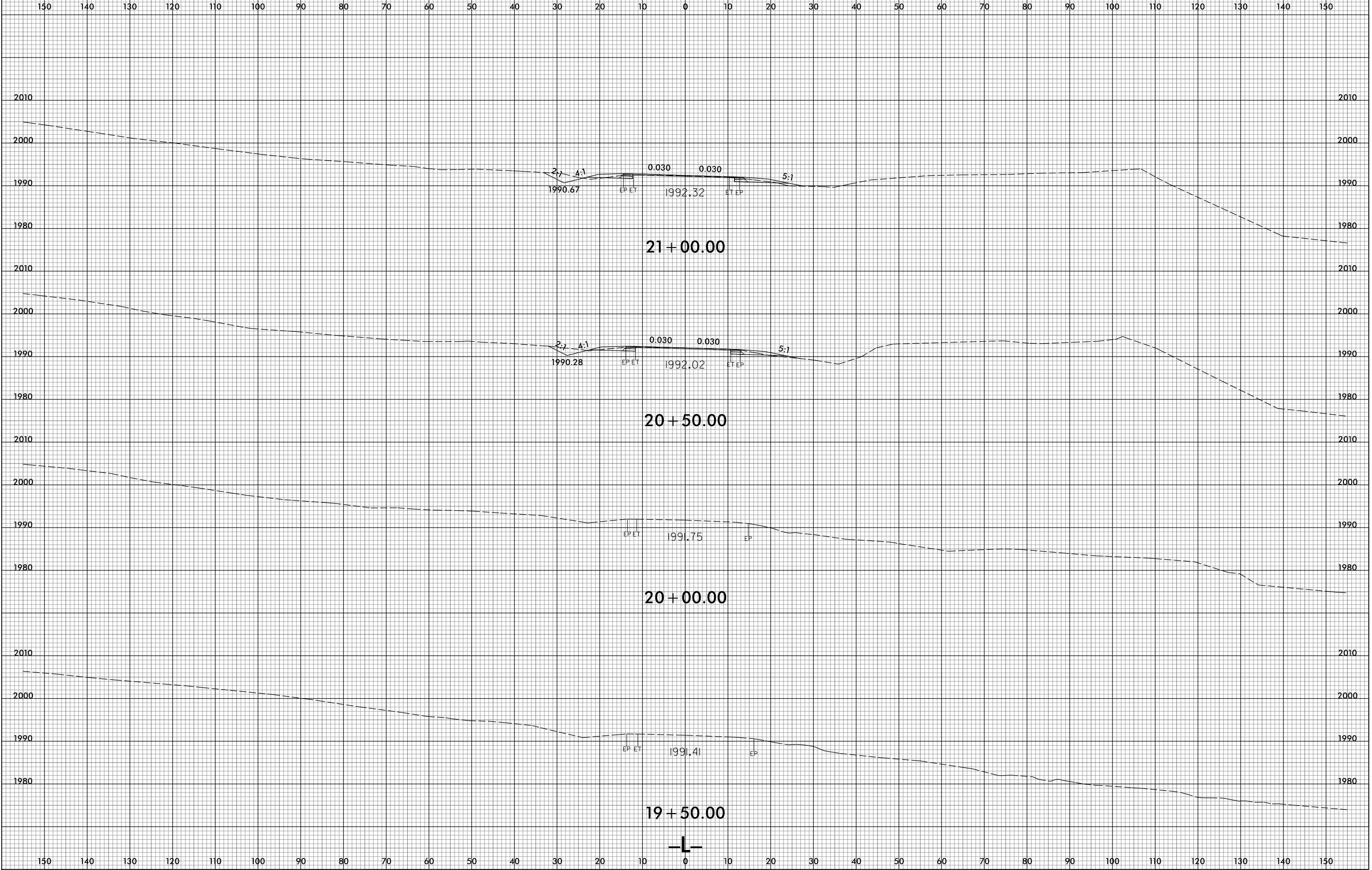
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

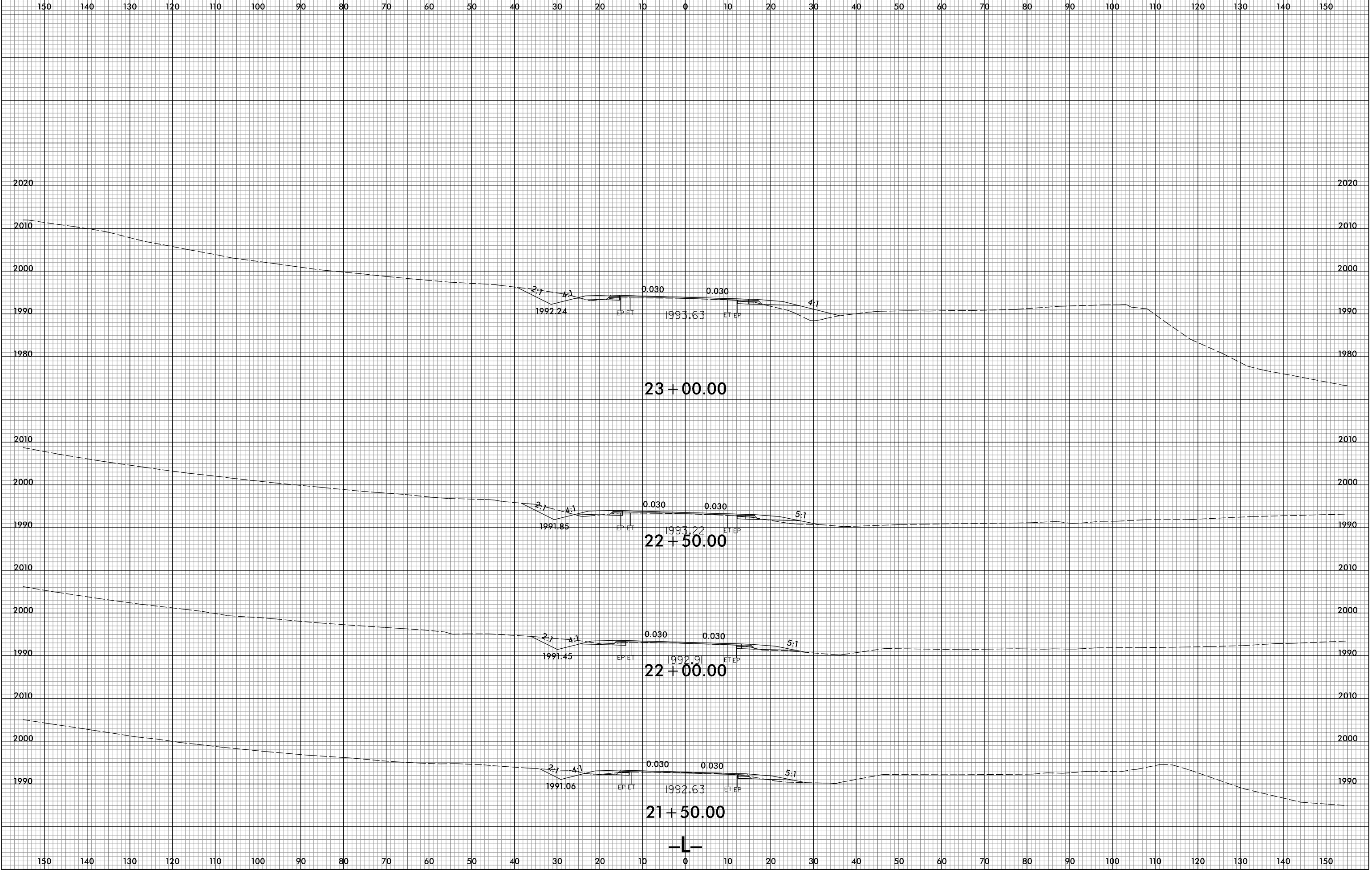
NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.

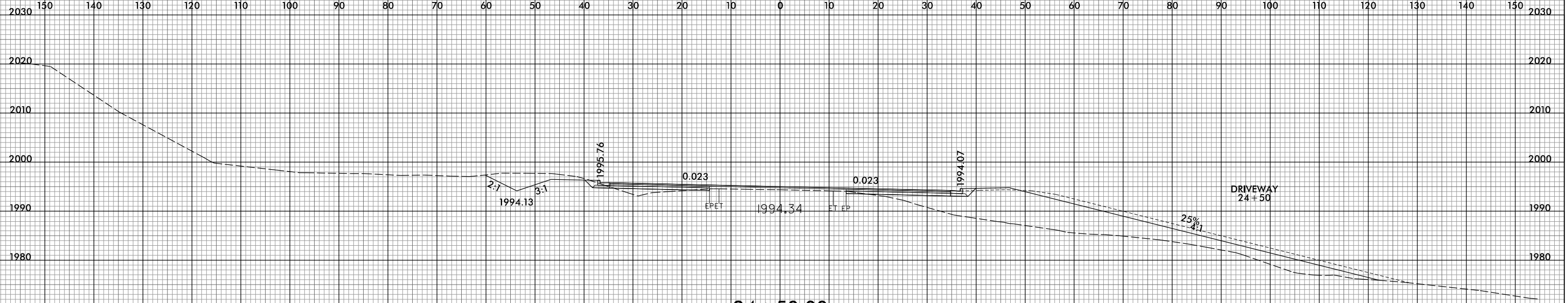
QUANTITIES ARE APPROXIMATE ONLY. THE RESIDENT ENGINEER WILL RE-CROSS-SECTION THE WORK ACCURATELY WHEN THE PROJECT IS STAKED OUT. THESE CROSS-SECTION NOTES WILL BE USED IN COMPUTING THE FINAL QUANTITIES FOR WHICH THE CONTRACTOR WILL BE PAID.

CROSS-SECTION SUMMARY

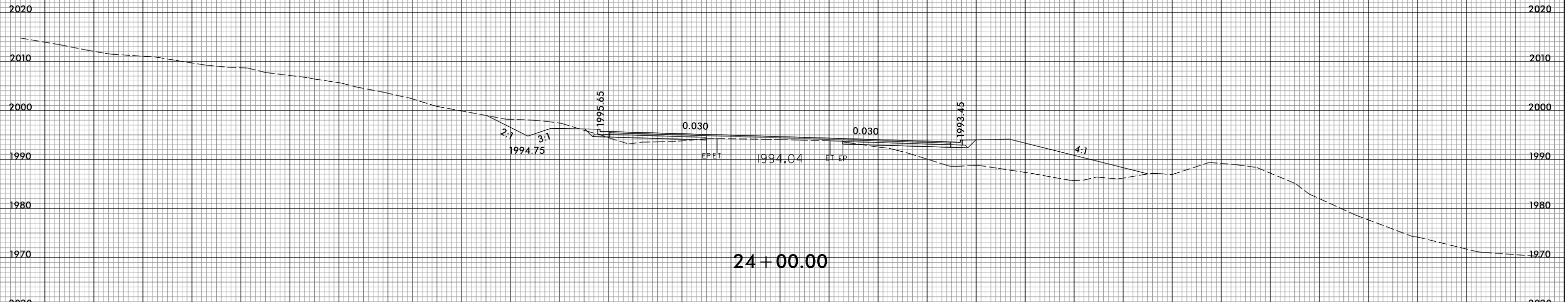
Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)			Station	Undercut (cu. yd.)								
Y20 LT.	(cu. yd.)	(cu. yd.)	Y21	(cu. yd.)	(cu. yd.)			L LT.	(cu. yd.)								
25+50.00	21	10	11+00.00	0	0			89+50.00	144								
26+00.00	18	21	11+25.00	32	1			90+00.00	241								
26+50.00	22	11	11+50.00	61	1			90+50.00	171								
27+00.00	19	19	11+75.00	78	1			91+00.00	167								
27+50.00	59	18	12+00.00	79	1			91+50.00	205								
28+00.00	147	0						91+75.00	113								
28+50.00	175	1	Station	Uncl. Exc.	Embt												
29+00.00	126	1															
29+50.00	137	0	DR116	(cu. yd.)	(cu. yd.)												
30+00.00	227	0	10+50.00	0	0												
30+50.00	282	0	10+75.00	35	0												
31+00.00	146	0	11+00.00	100	0												
			11+25.00	186	0												
Station	Uncl. Exc.	Embt	11+50.00	243	0												
			11+75.00	269	0												
Y20 RT.	(cu. yd.)	(cu. yd.)	12+00.00	280	0												
14+50.00	0	0	12+25.00	295	0												
15+00.00	21	2	12+50.00	325	0												
15+50.00	24	3	12+75.00	351	0												
16+00.00	32	1	13+00.00	356	0												
16+50.00	27	6	13+25.00	332	0												
17+00.00	26	15	13+50.00	233	0												
17+50.00	19	33	13+75.00	136	0												
18+00.00	10	79															
18+50.00	16	63	Station	Uncl. Exc.	Embt												
19+00.00	21	16															
19+50.00	18	20	DR161	(cu. yd.)	(cu. yd.)												
20+00.00	28	23	10+50.00	0	0												
20+50.00	21	11	10+75.00	419	0												
			11+00.00	412	0												
Station	Uncl. Exc.	Embt	11+25.00	253	0												
			11+50.00	136	0												
Y20 RT.	(cu. yd.)	(cu. yd.)	11+75.00	81	0												
21+50.00	0	0	12+00.00	57	0												
22+00.00	3	17	12+25.00	42	2												
22+50.00	5	26	12+50.00	34	2												
23+00.00	6	17	12+75.00	21	0												
23+50.00	6	13															
24+00.00	6	6	Station	Uncl. Exc.	Embt												
24+50.00	6	1															
25+00.00	6	0	Y15DET	(cu. yd.)	(cu. yd.)												
25+50.00	11	1	10+50.00	0	0												
26+00.00	18	2	10+75.00	580	0												
26+50.00	59	1	11+00.00	1100	0												
27+00.00	77	0	11+25.00	1275	0												
27+50.00	51	0	11+50.00	1079	0												
28+00.00	42	0	11+75.00	698	0												
28+50.00	35	0	12+00.00	347	0												
28+82.00	11	0	12+25.00	122	0												
			12+50.00	34	0												
			12+75.00	9	0												



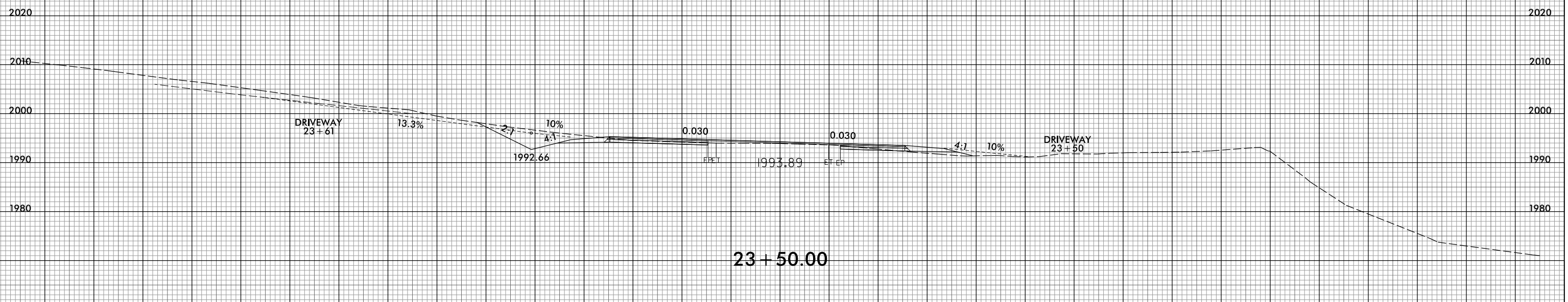




24 + 50.00

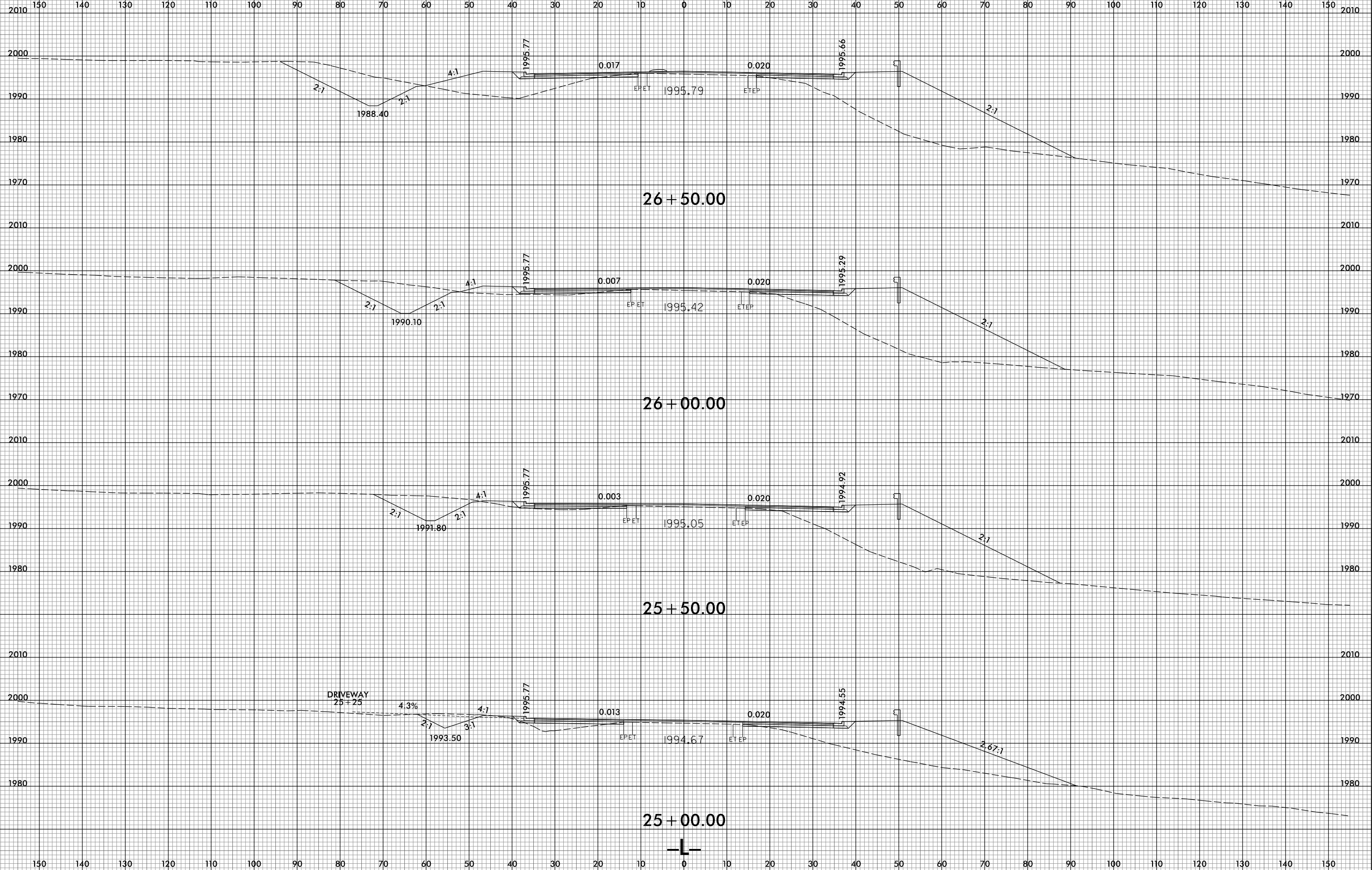


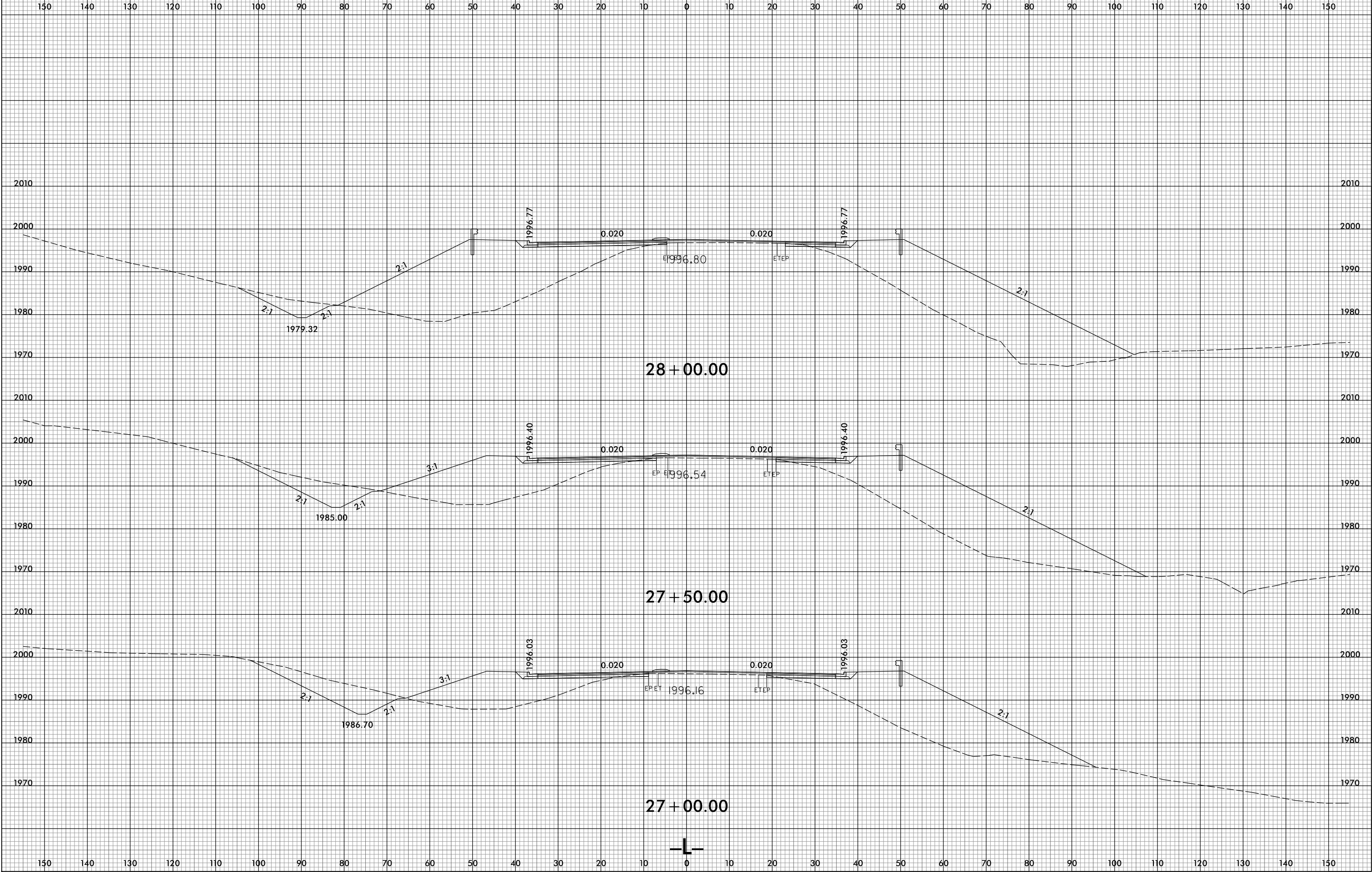
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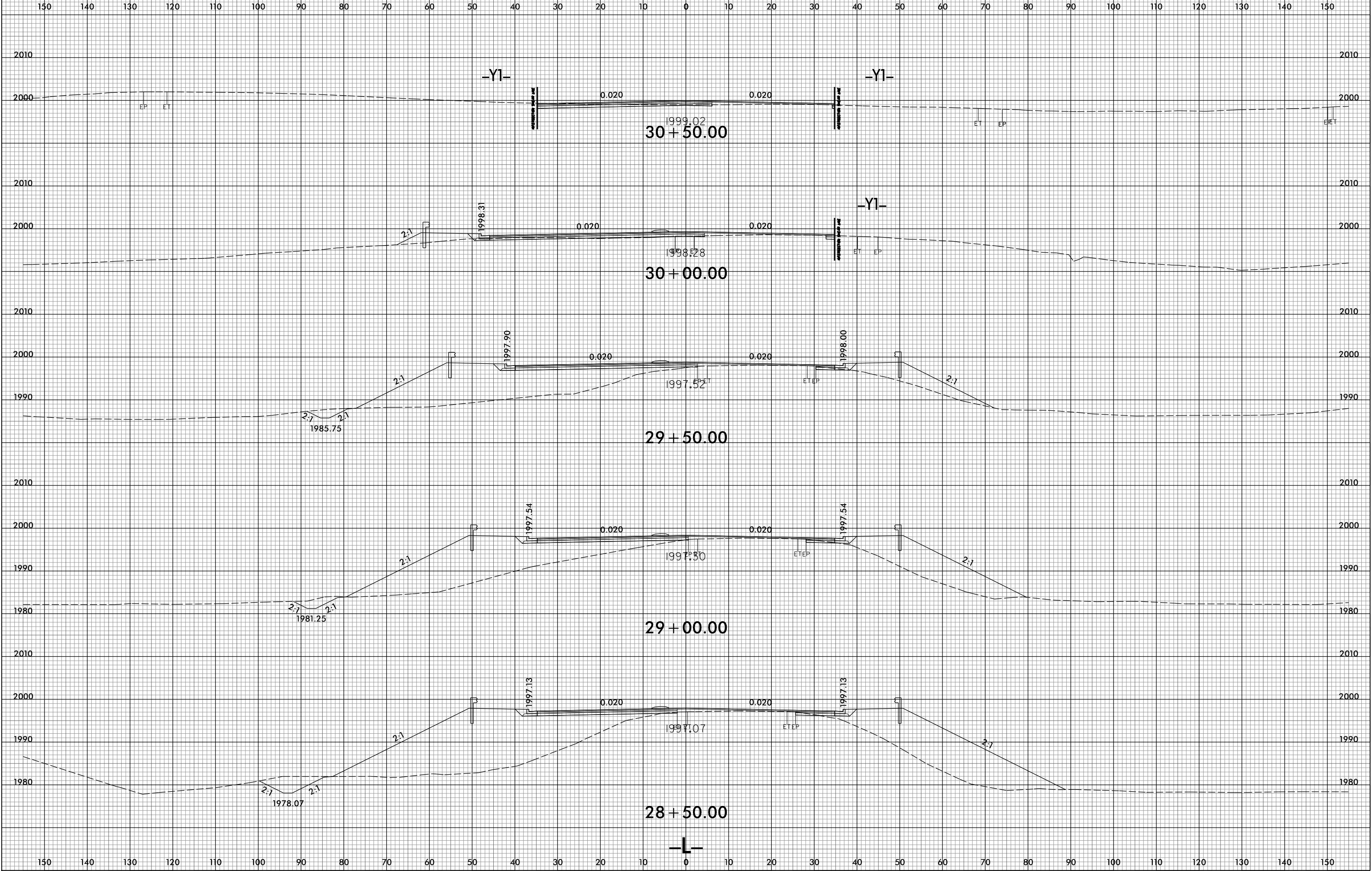


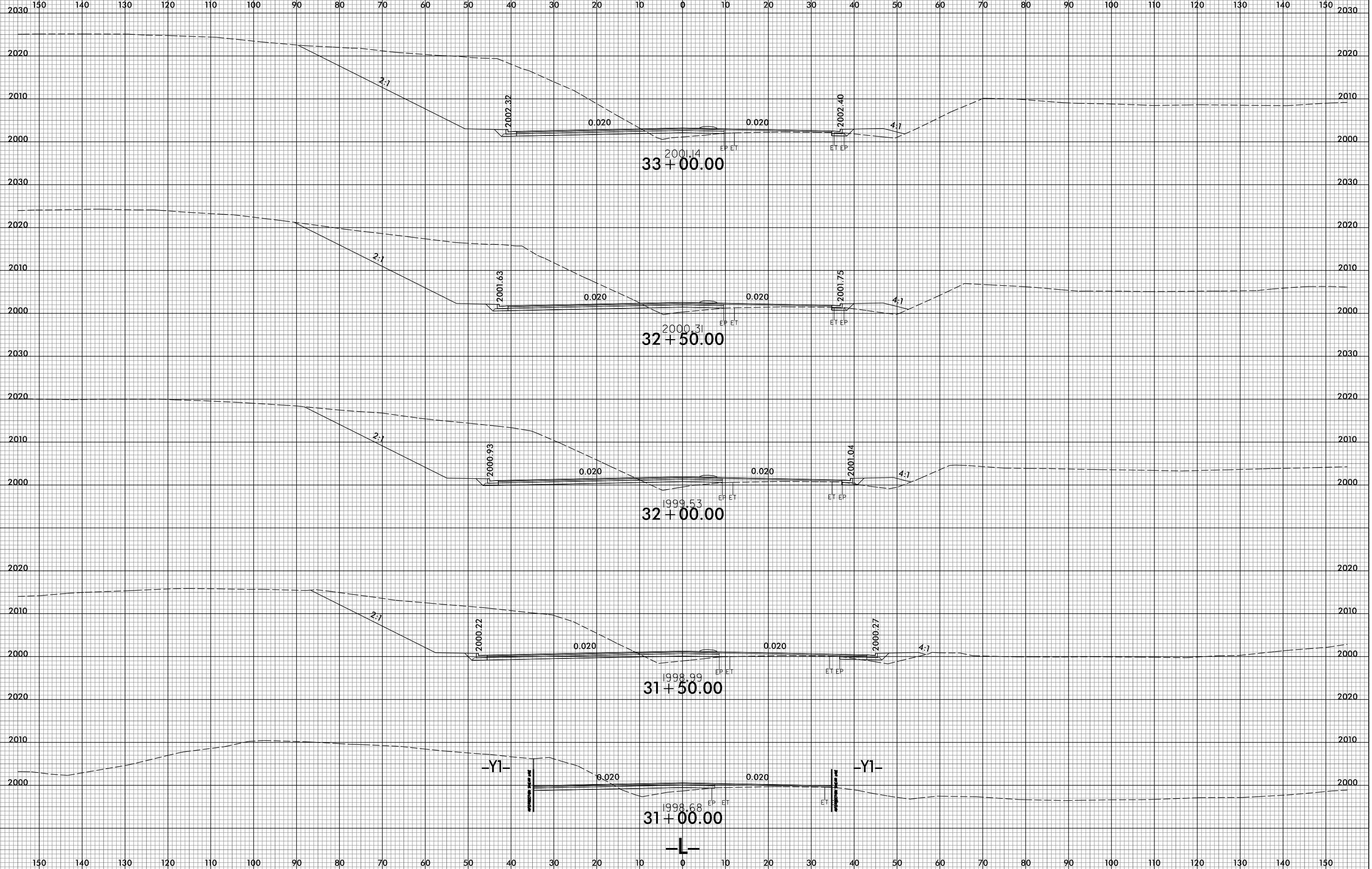
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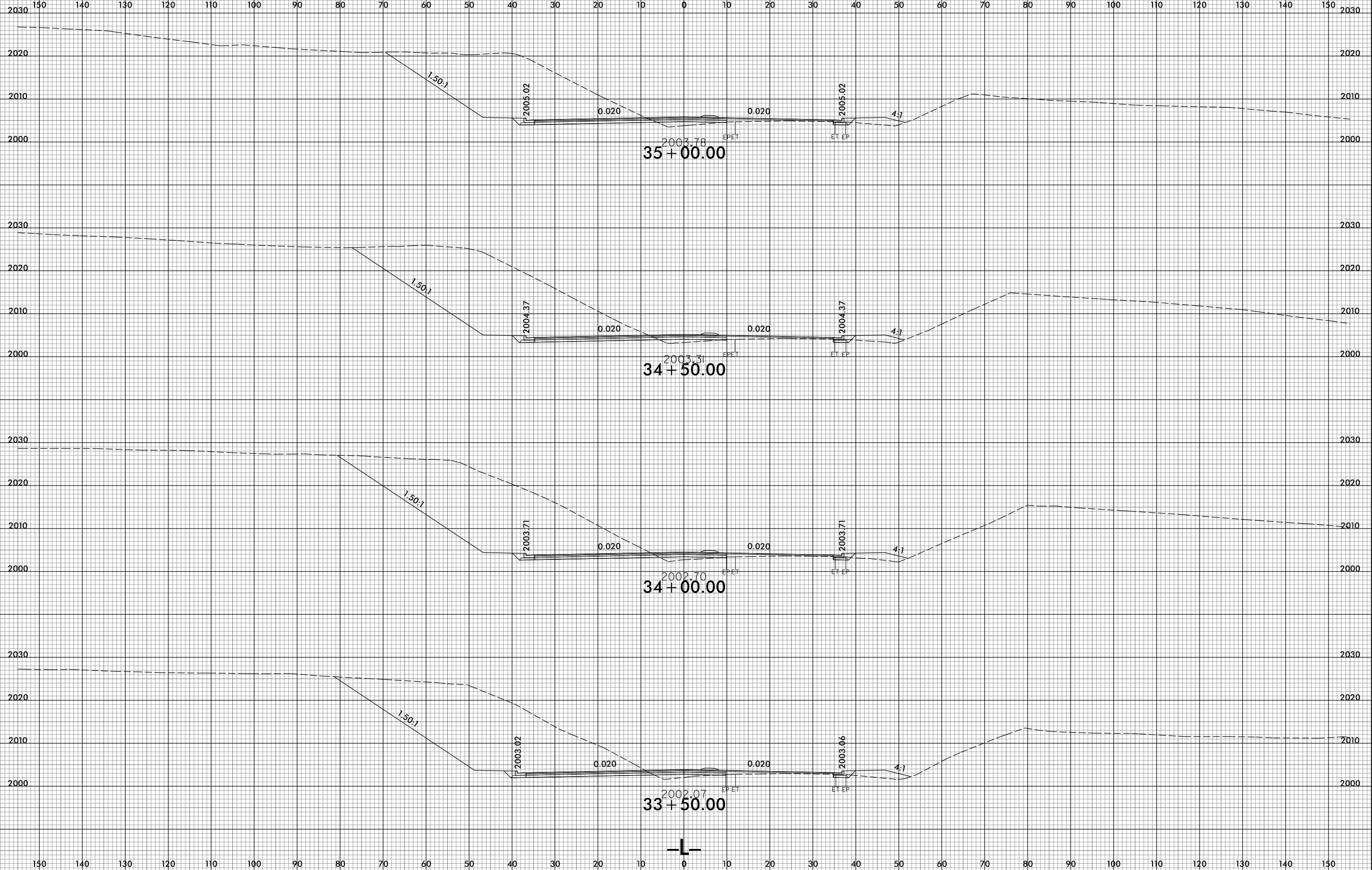


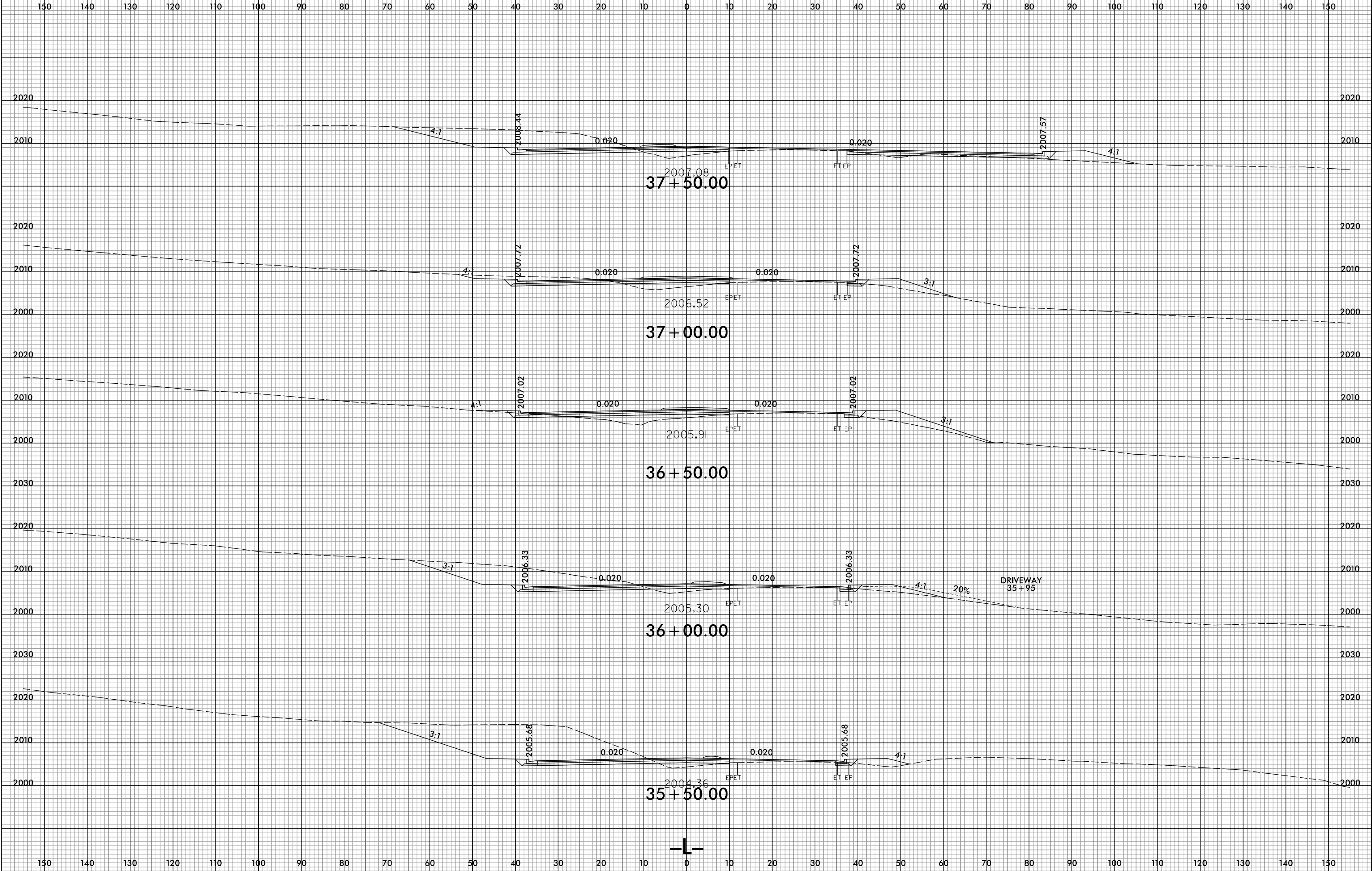


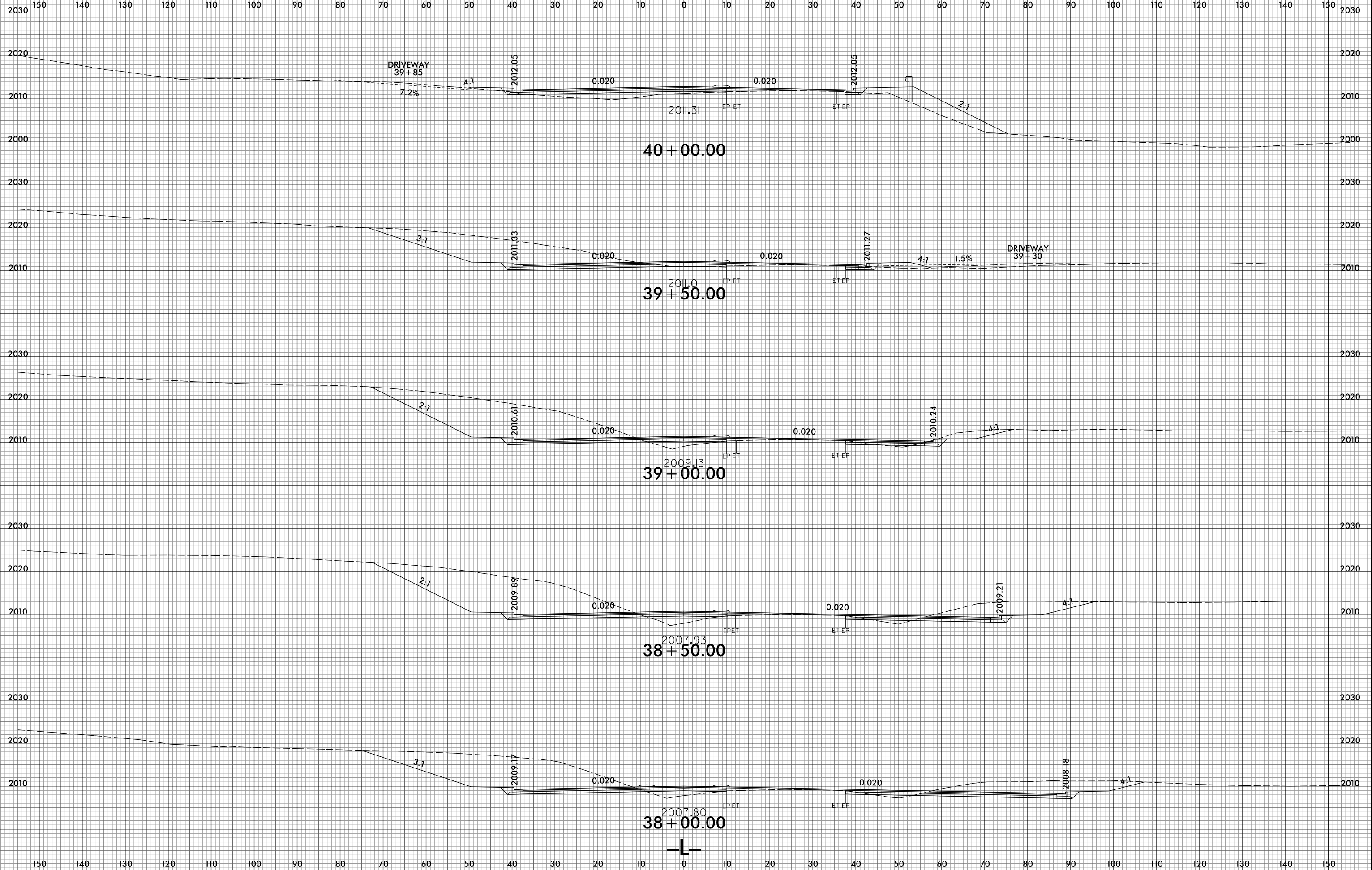


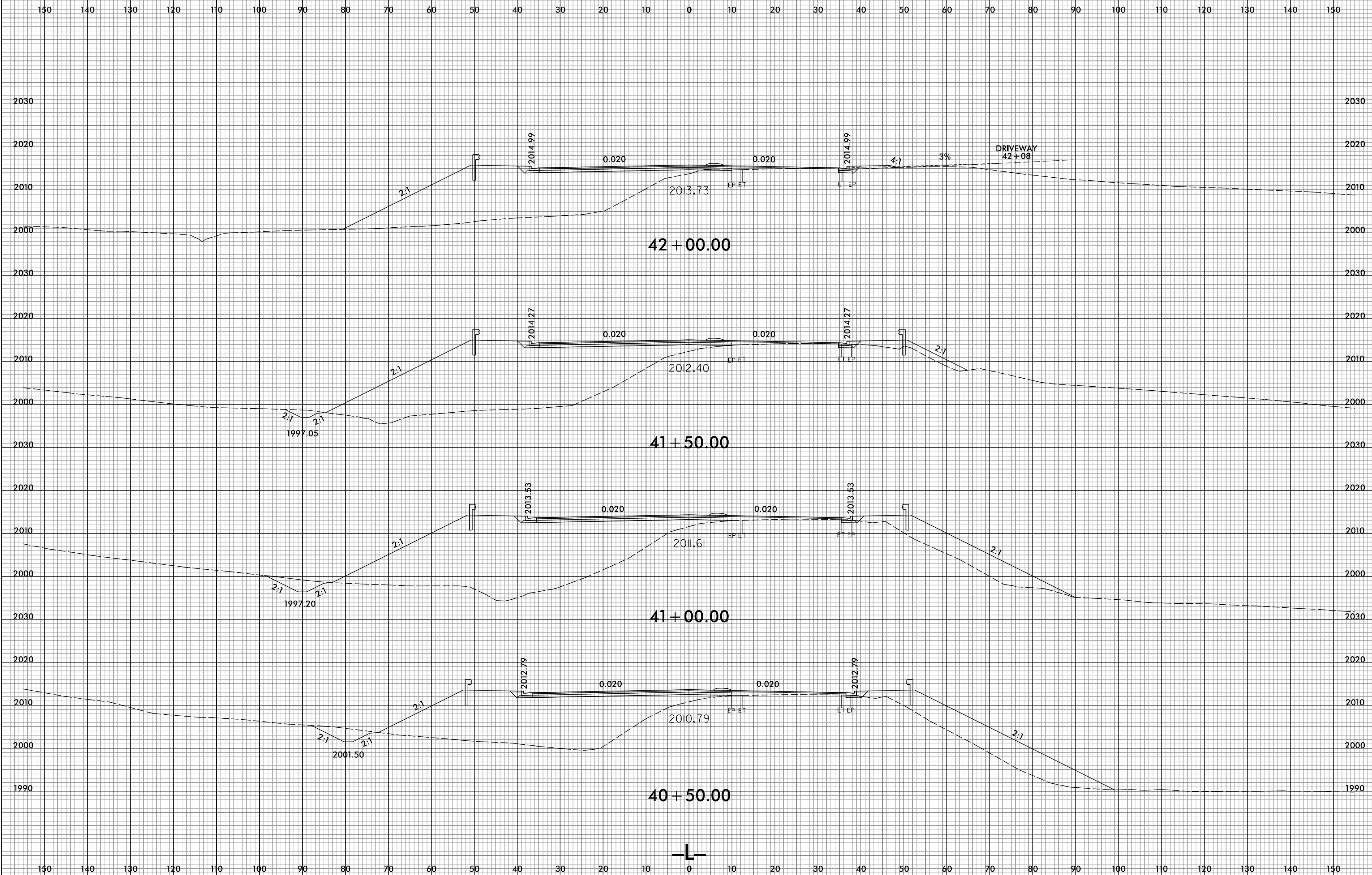


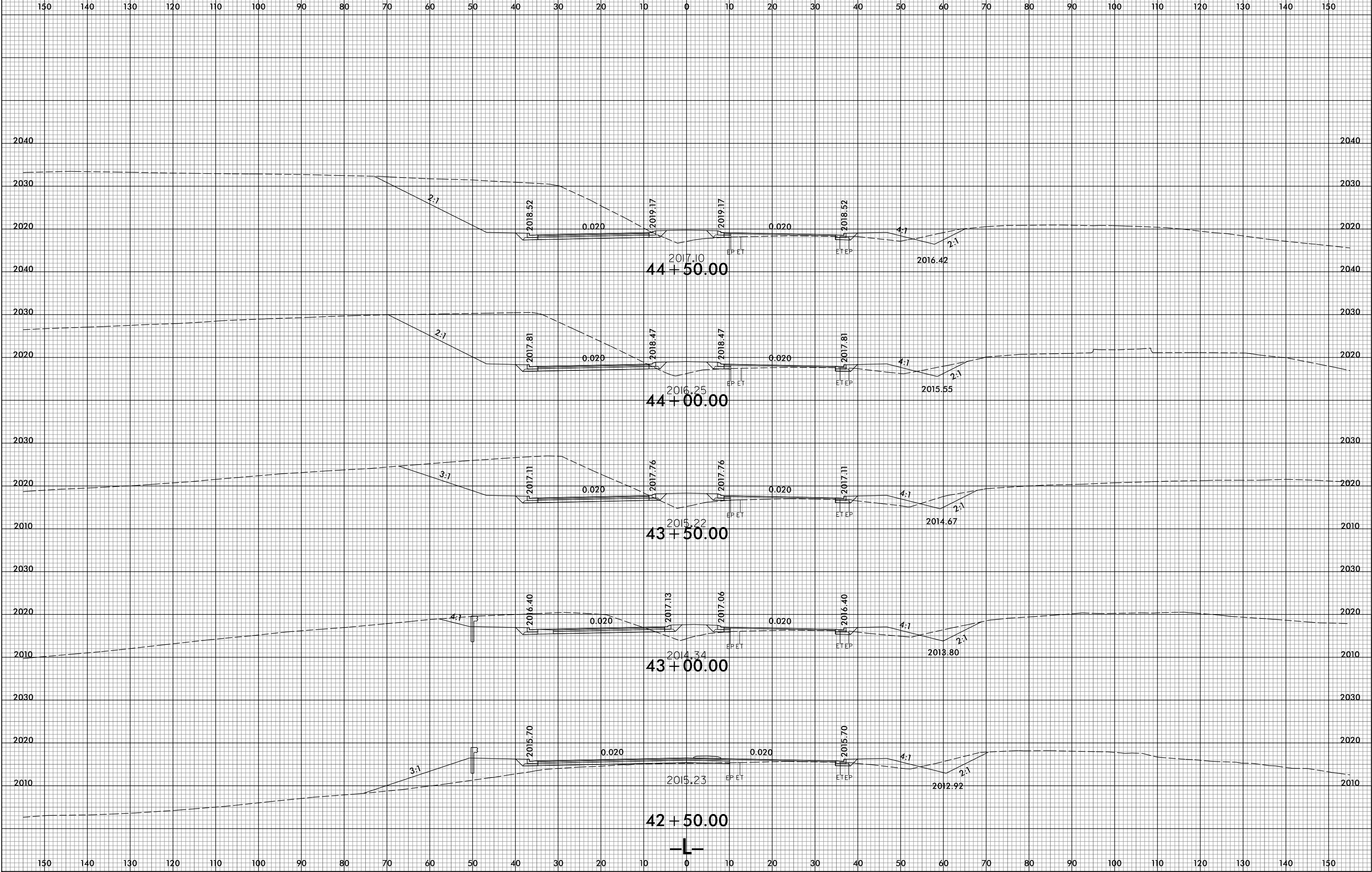


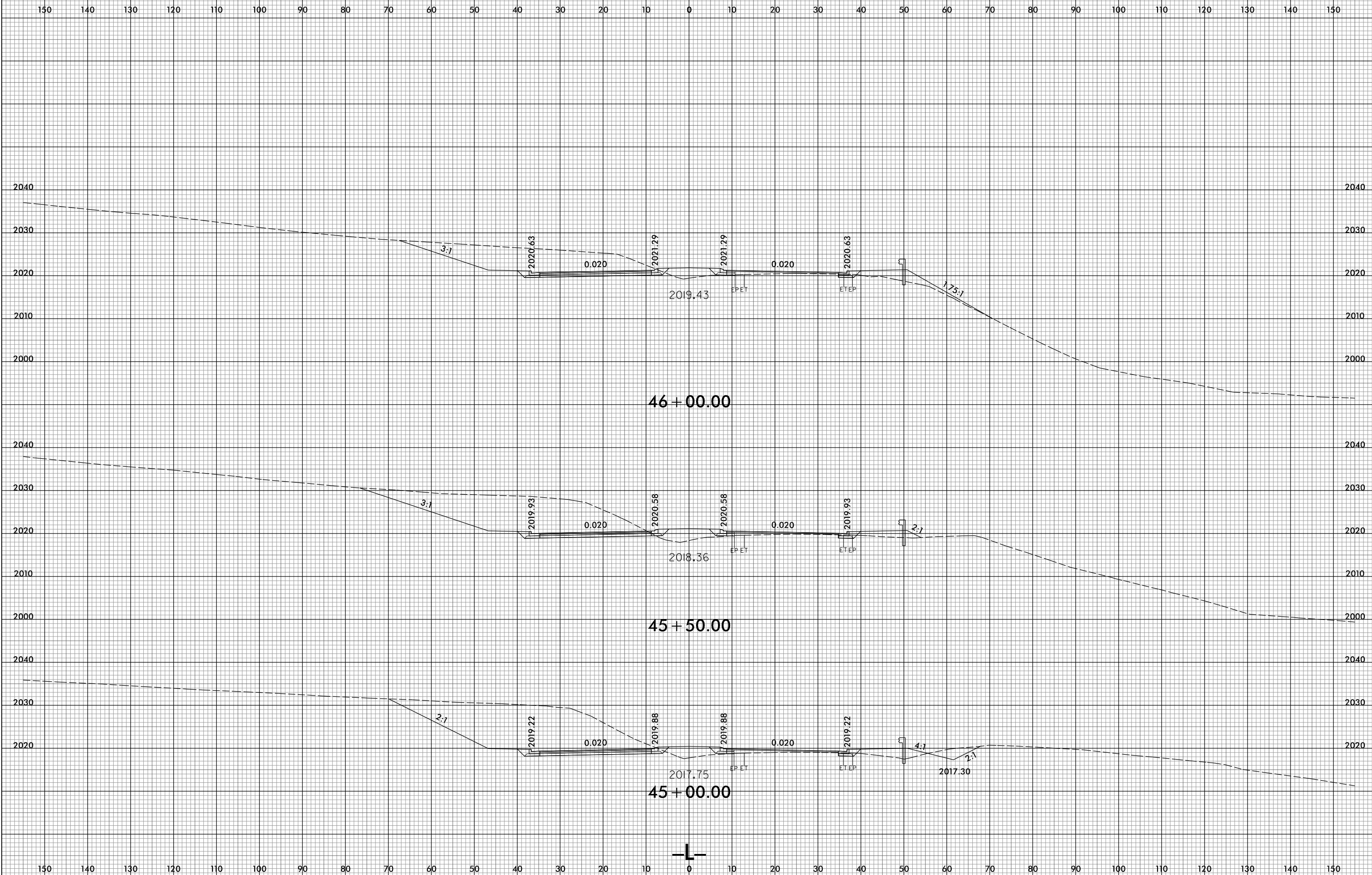


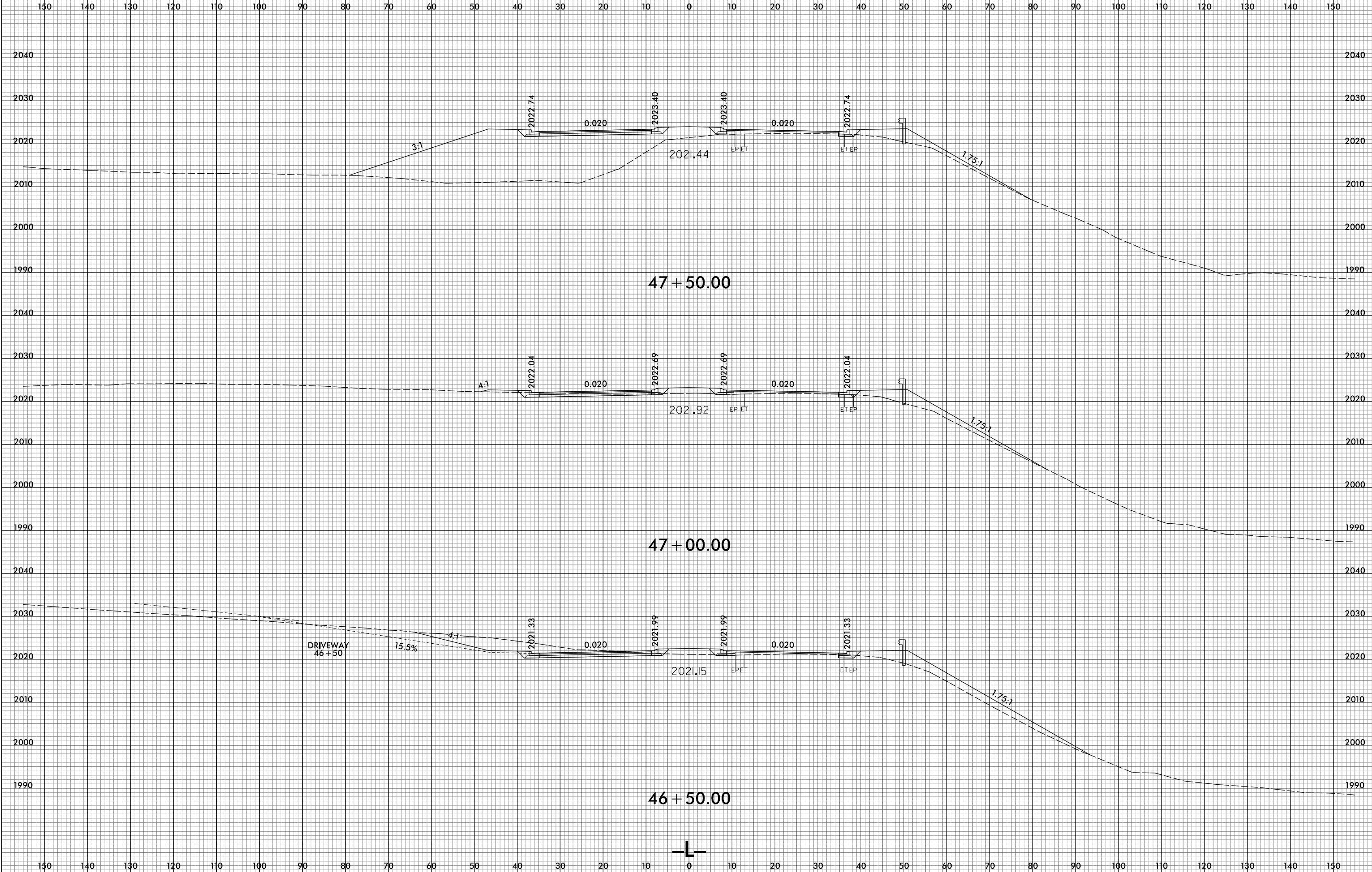


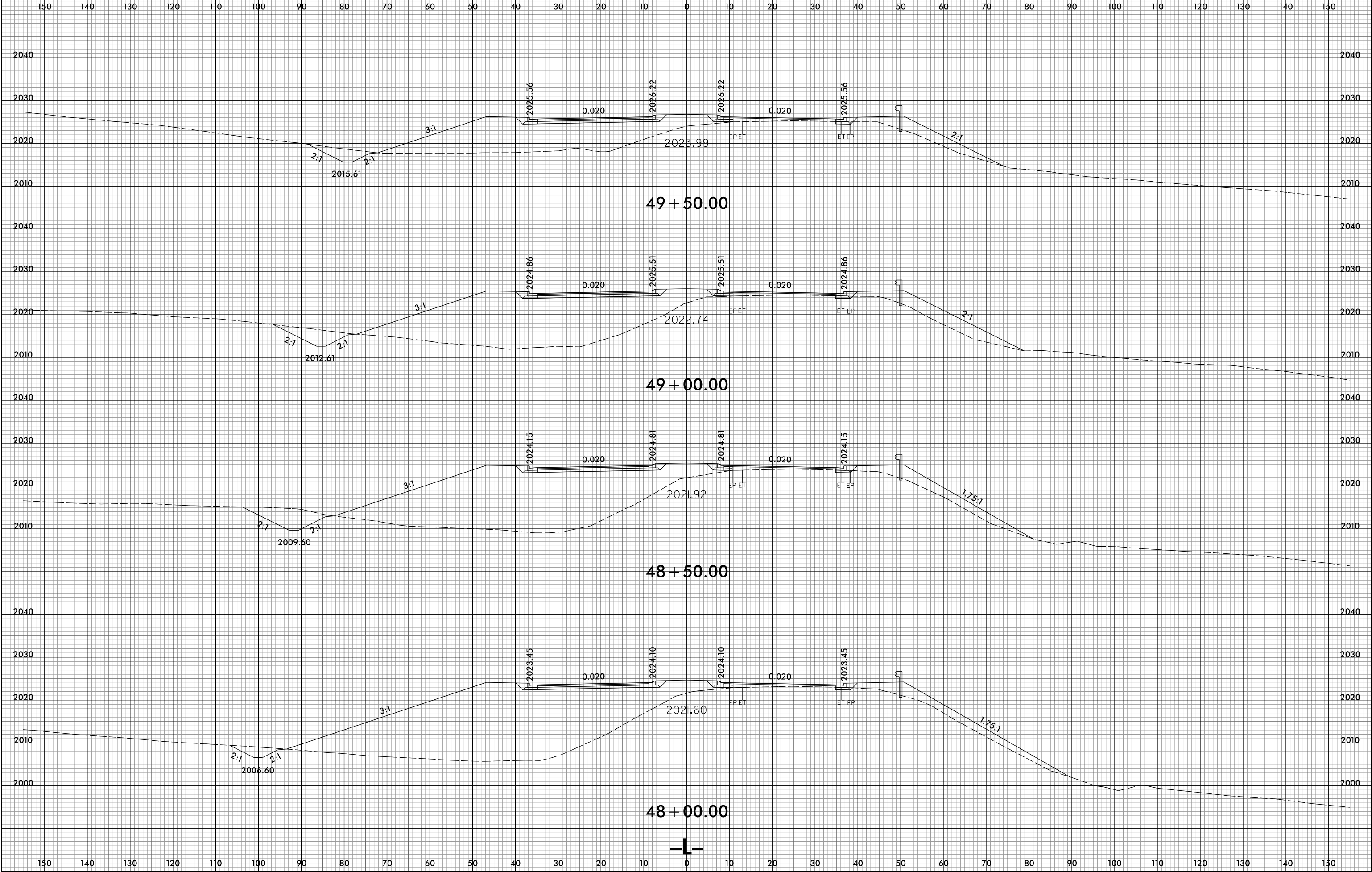


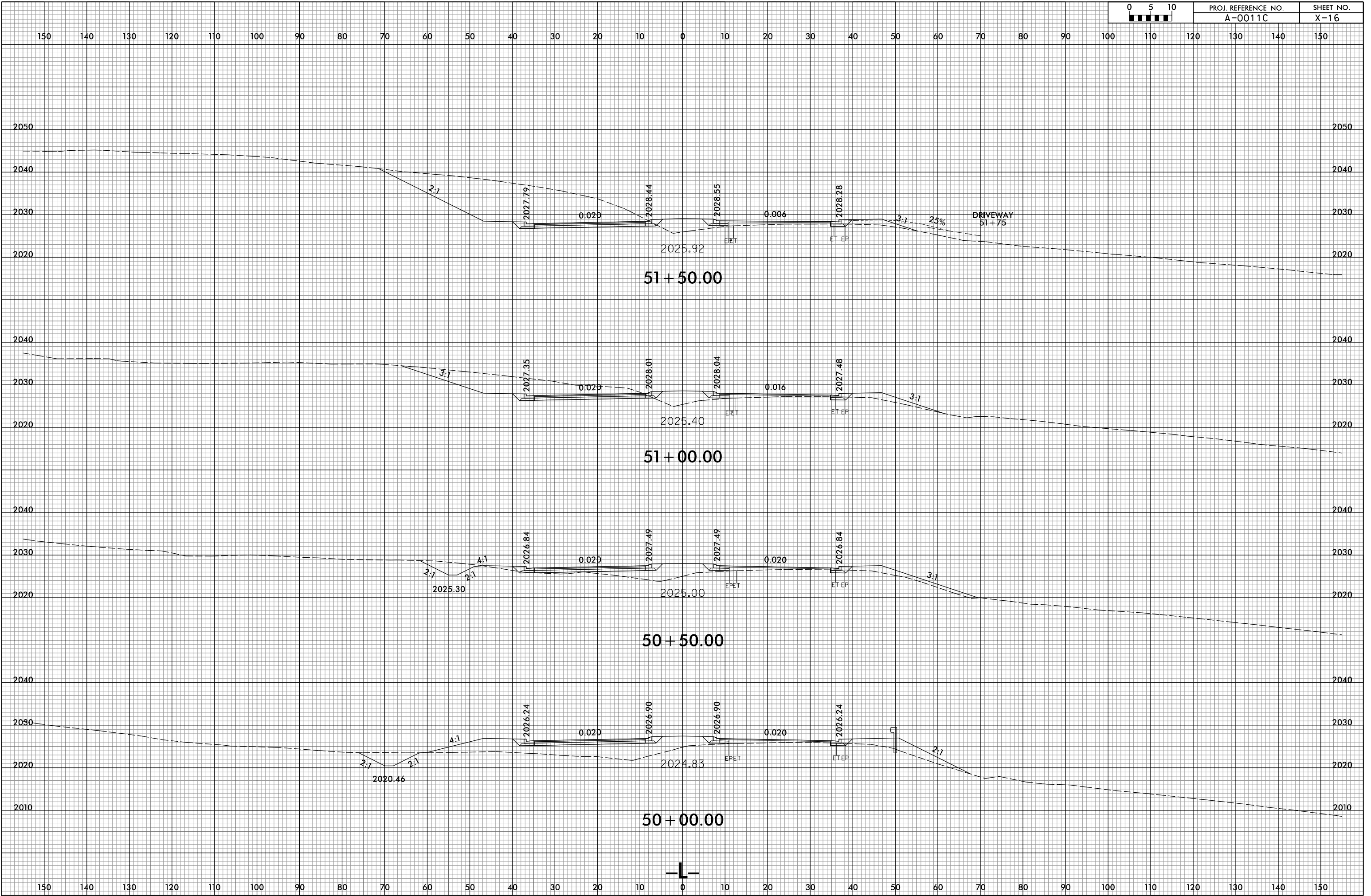


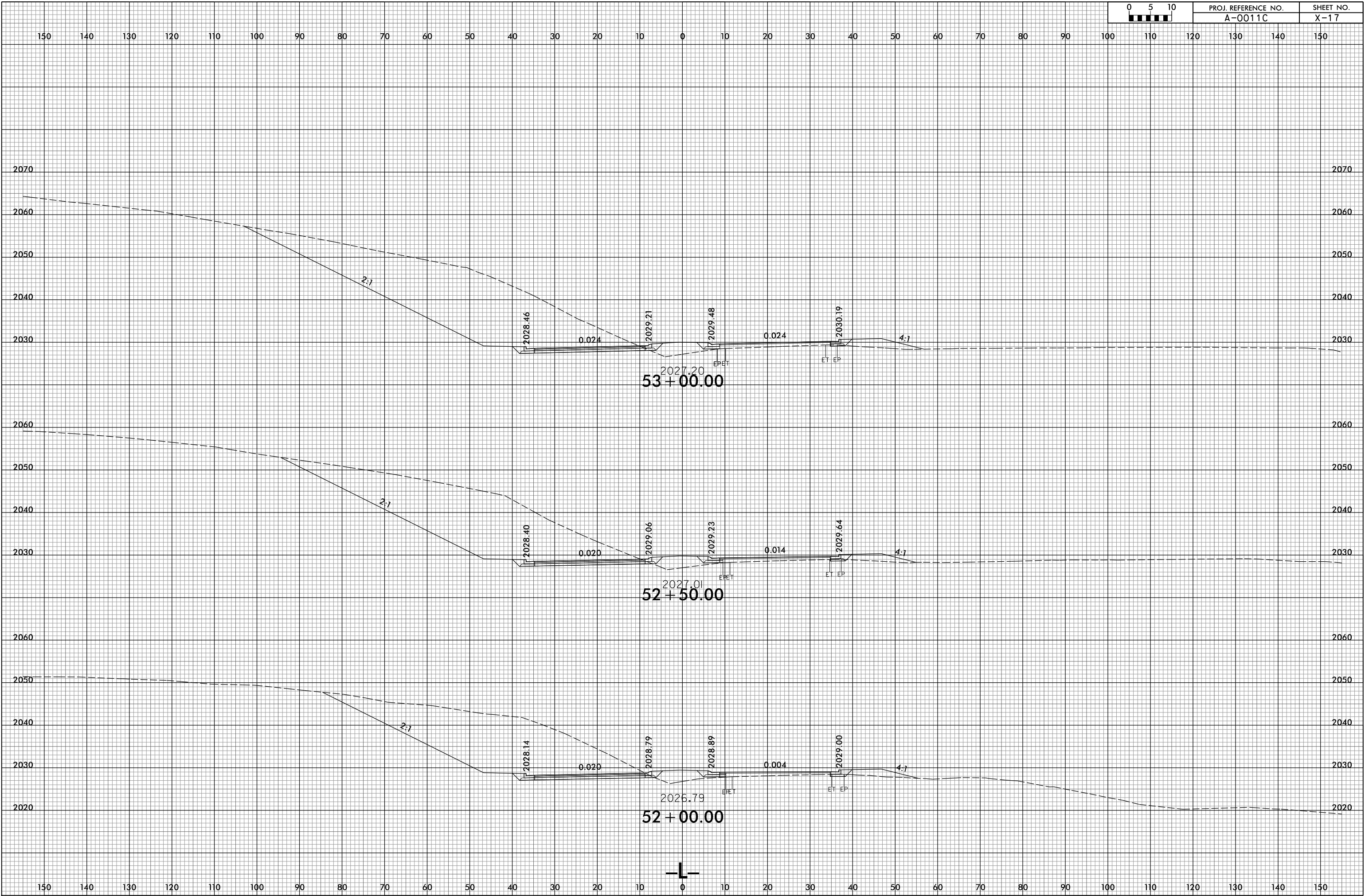


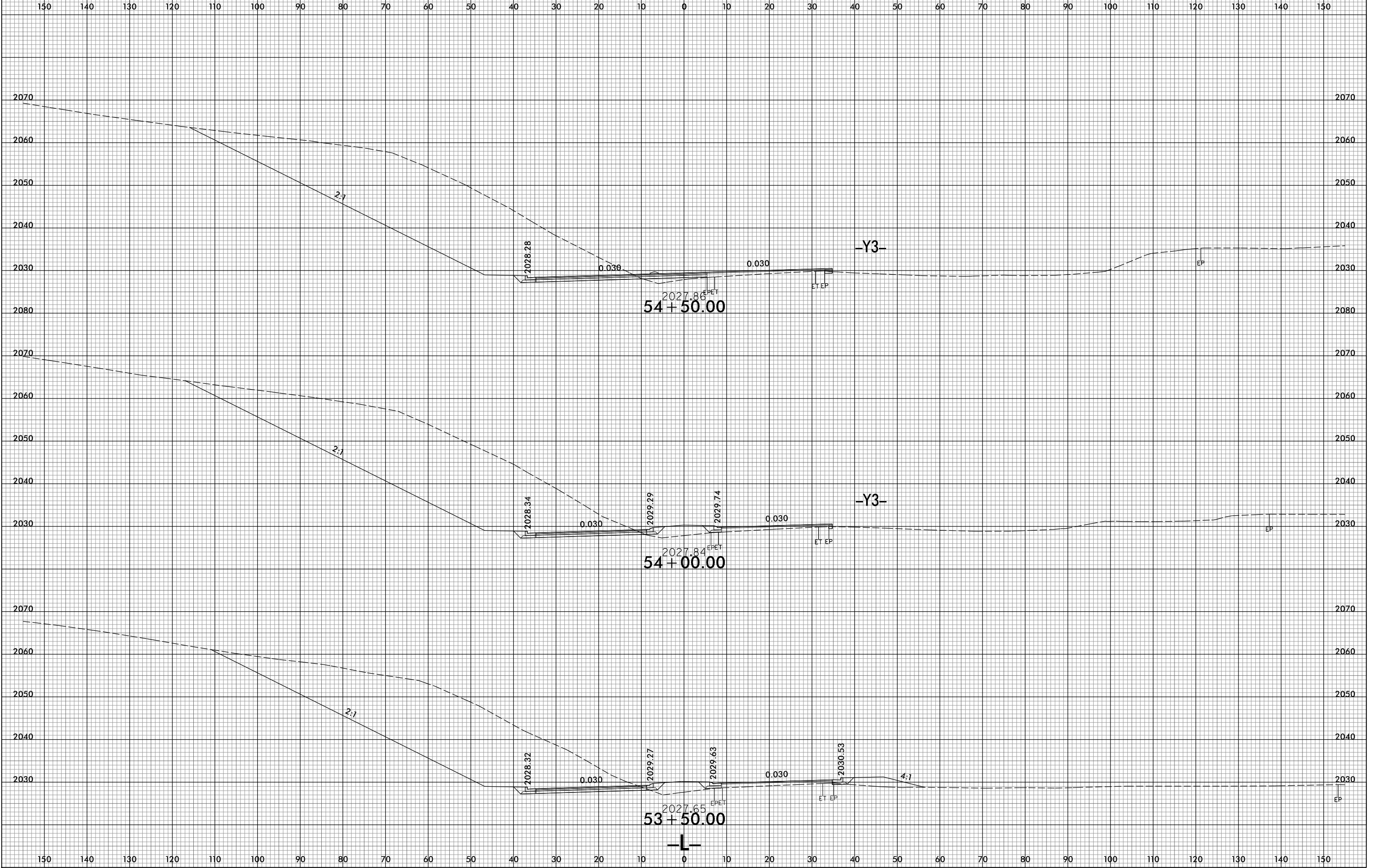


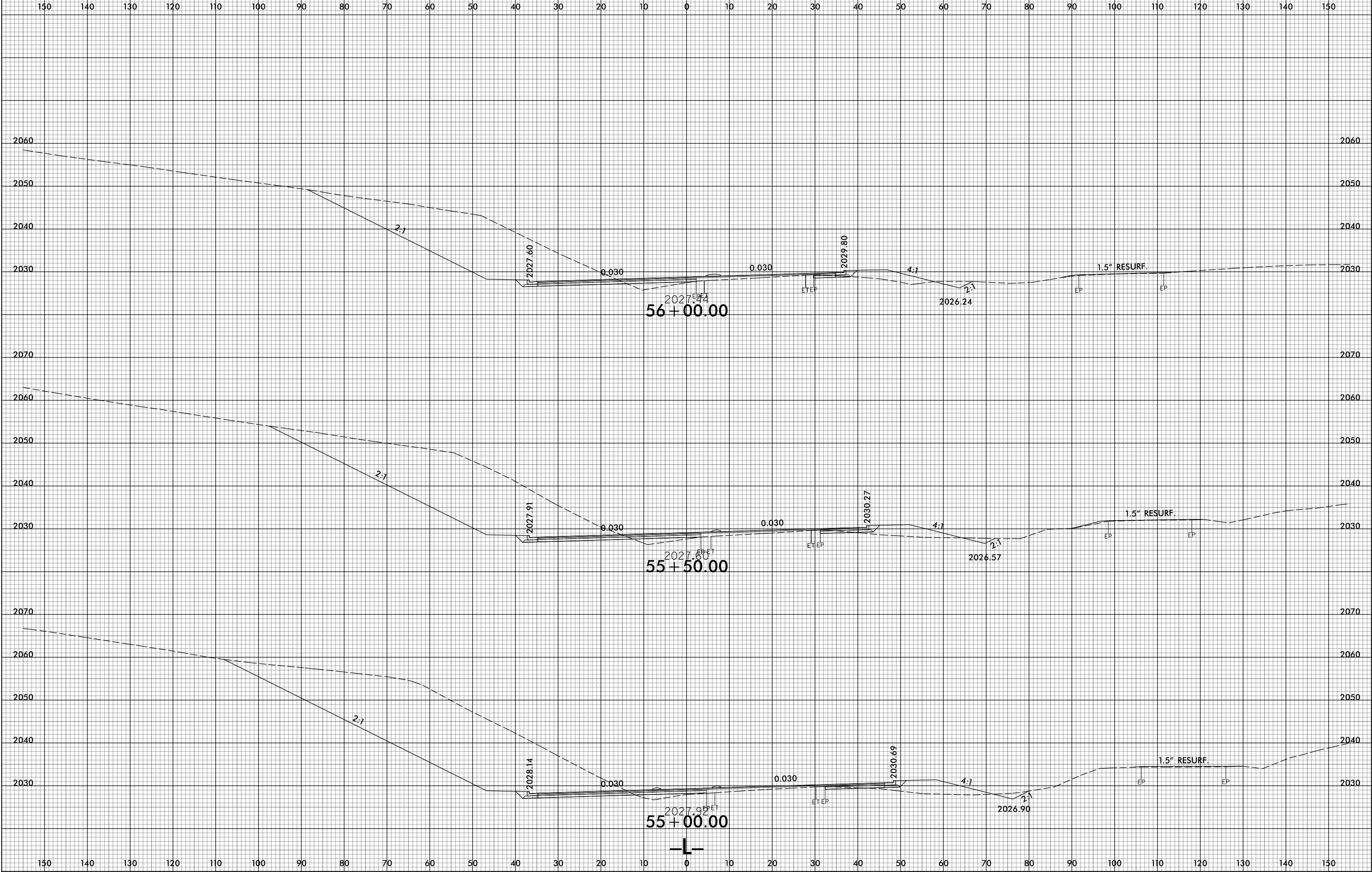


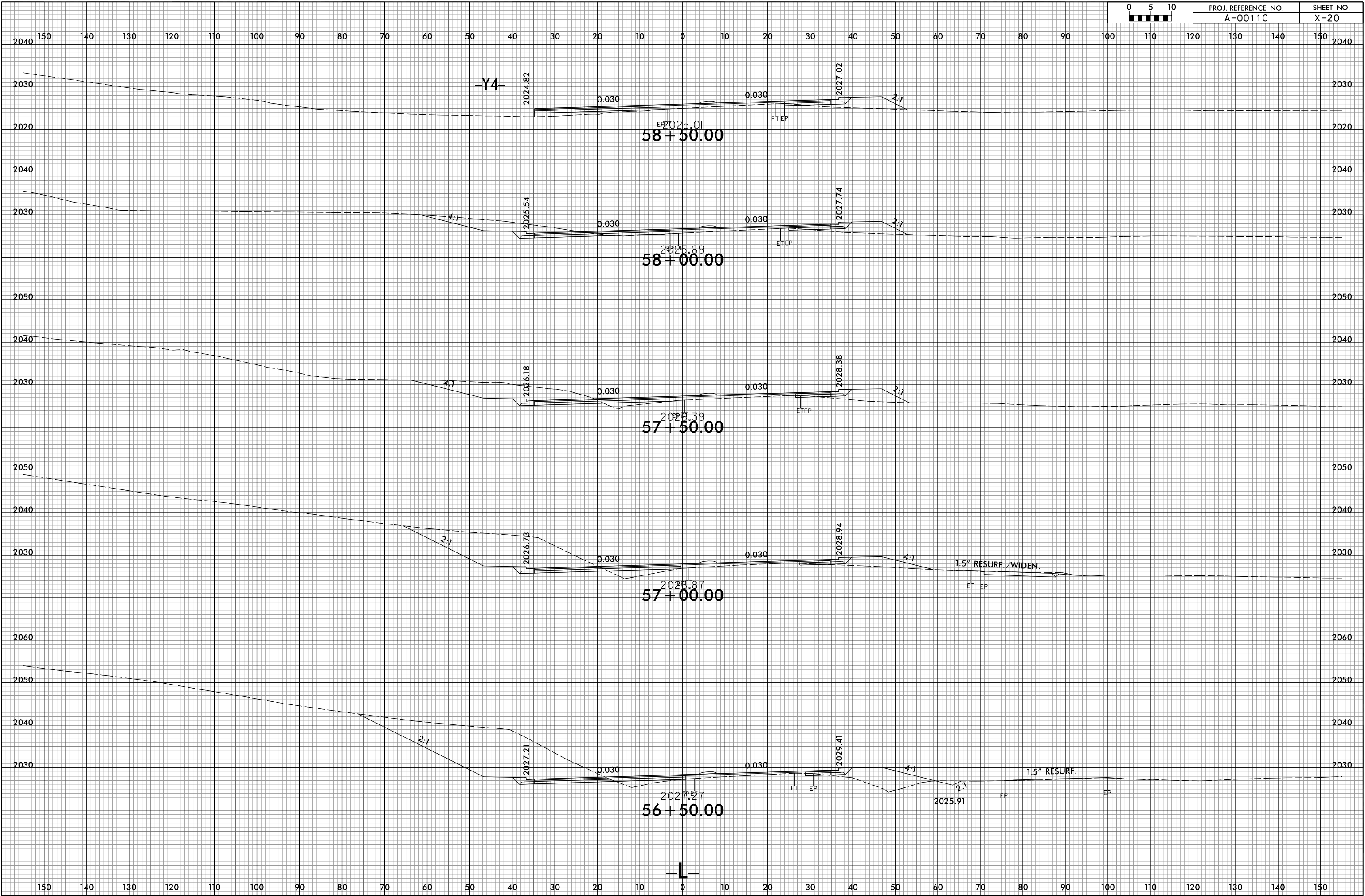


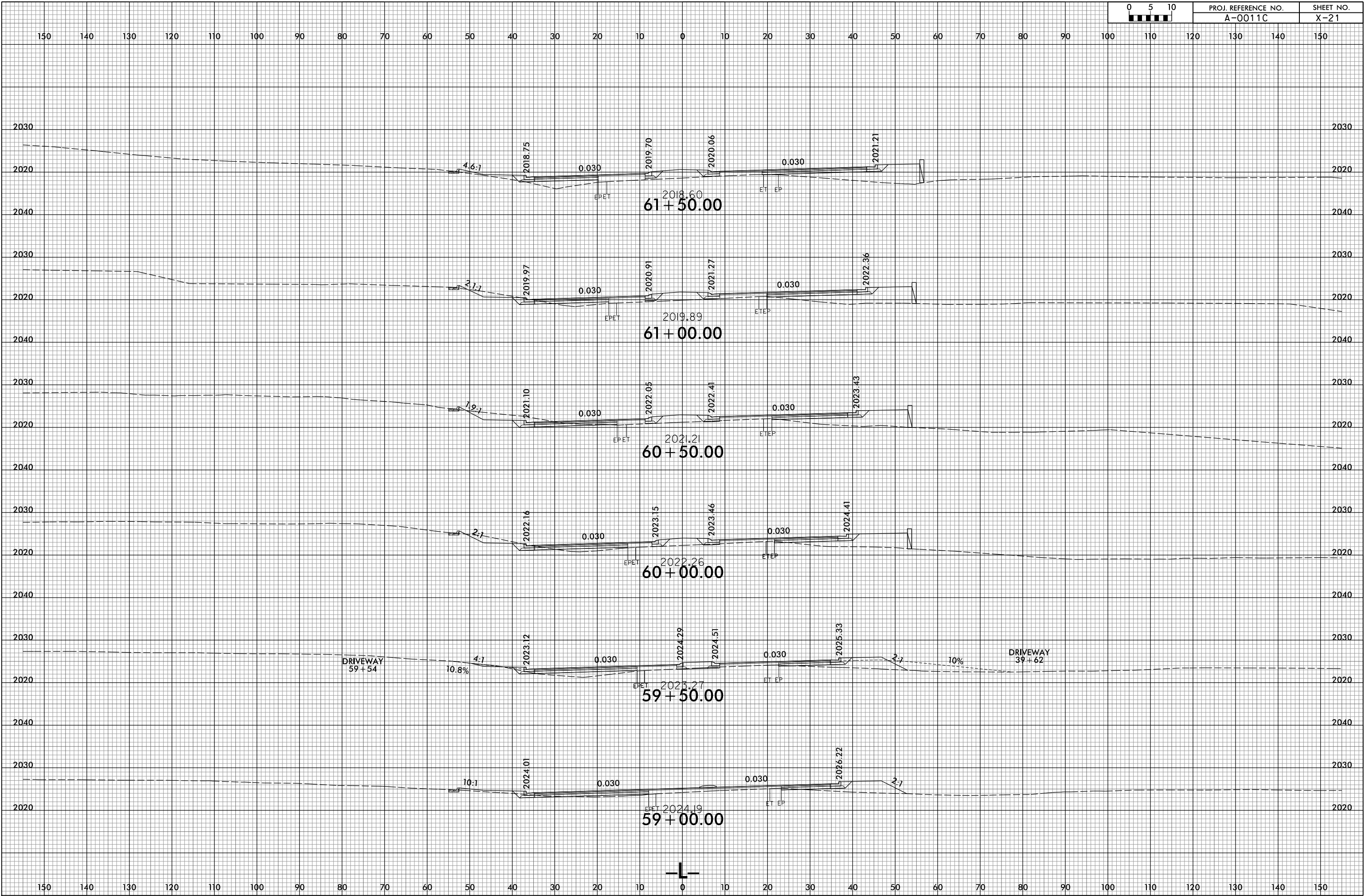


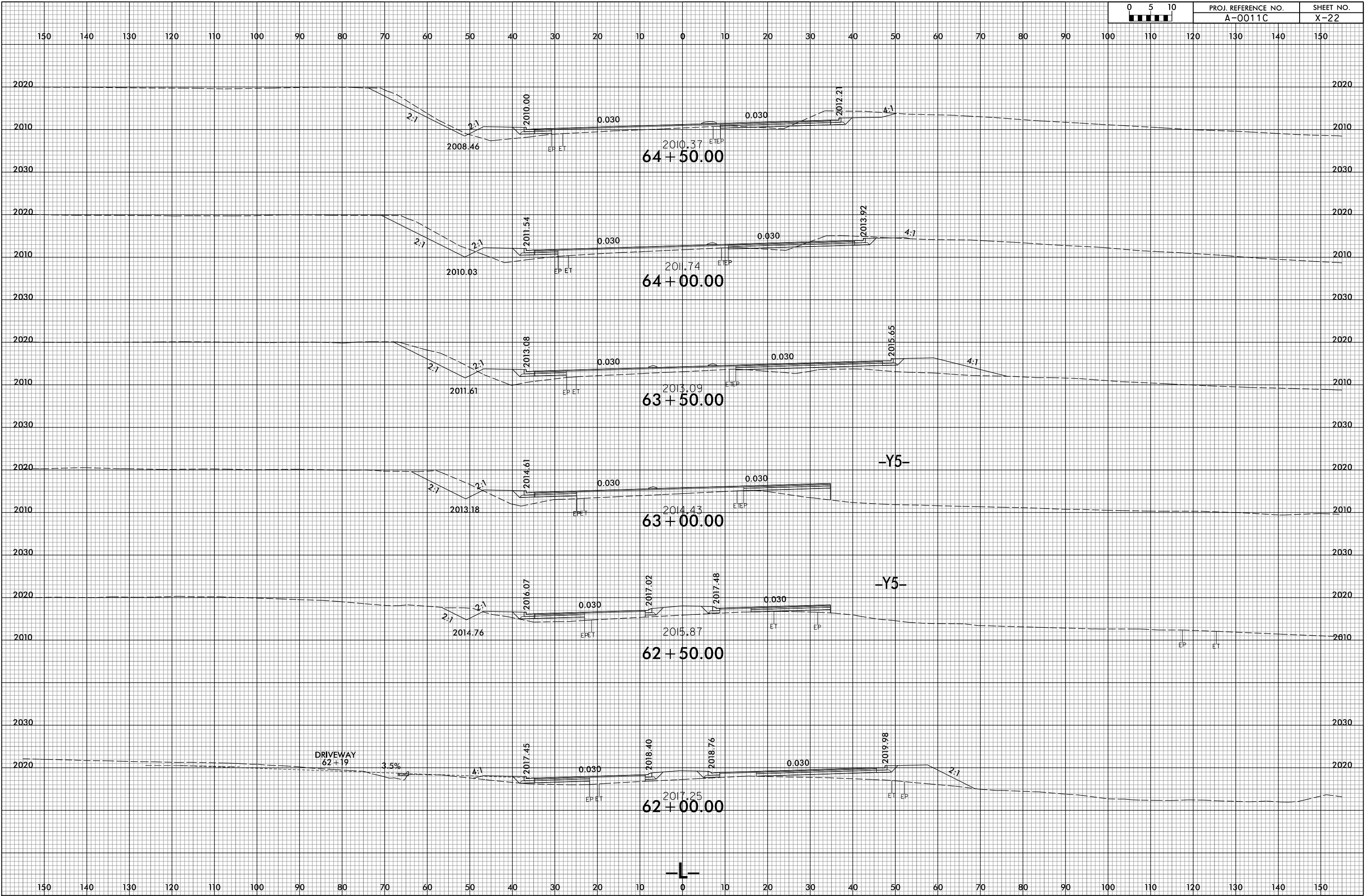


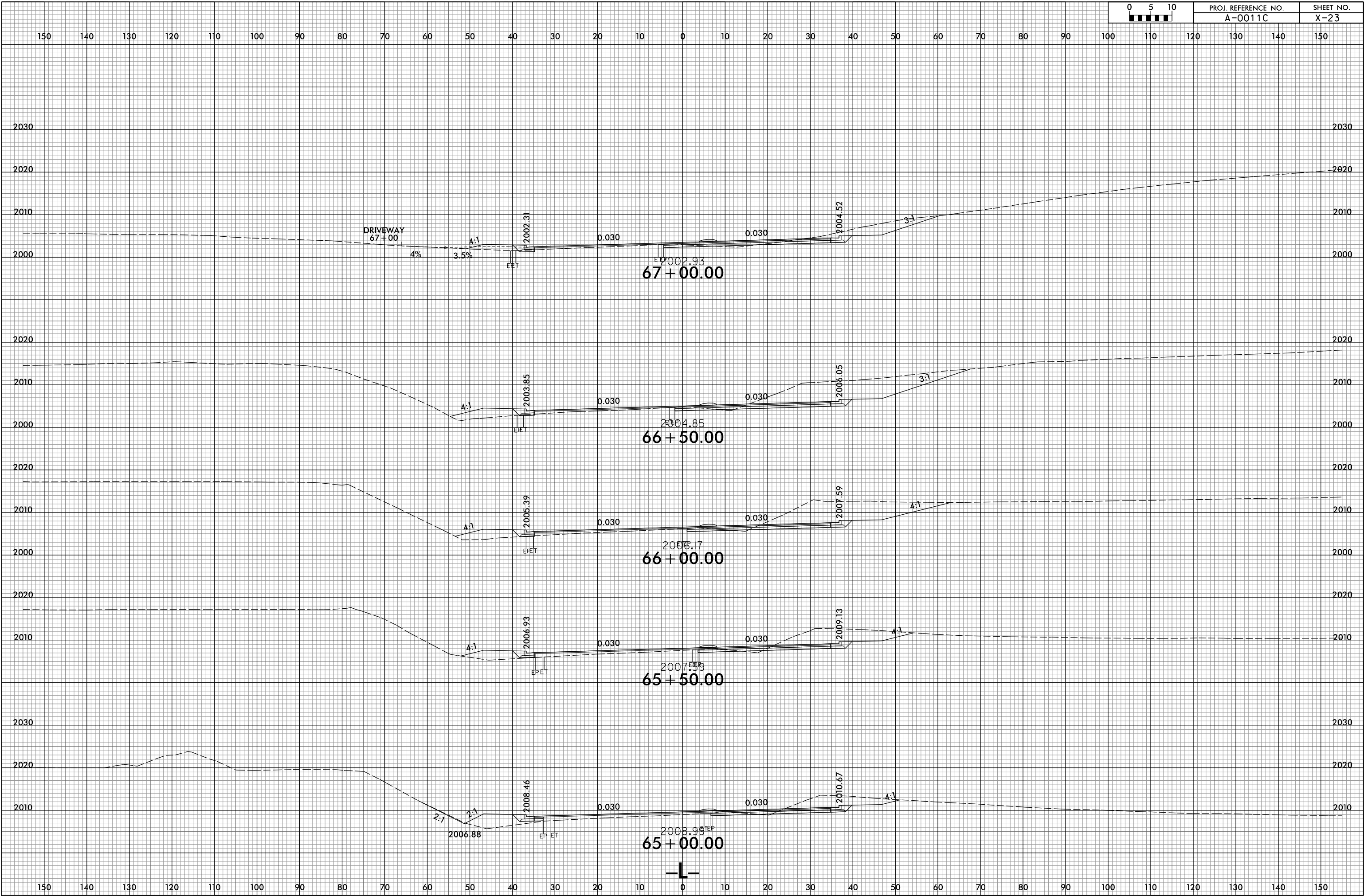


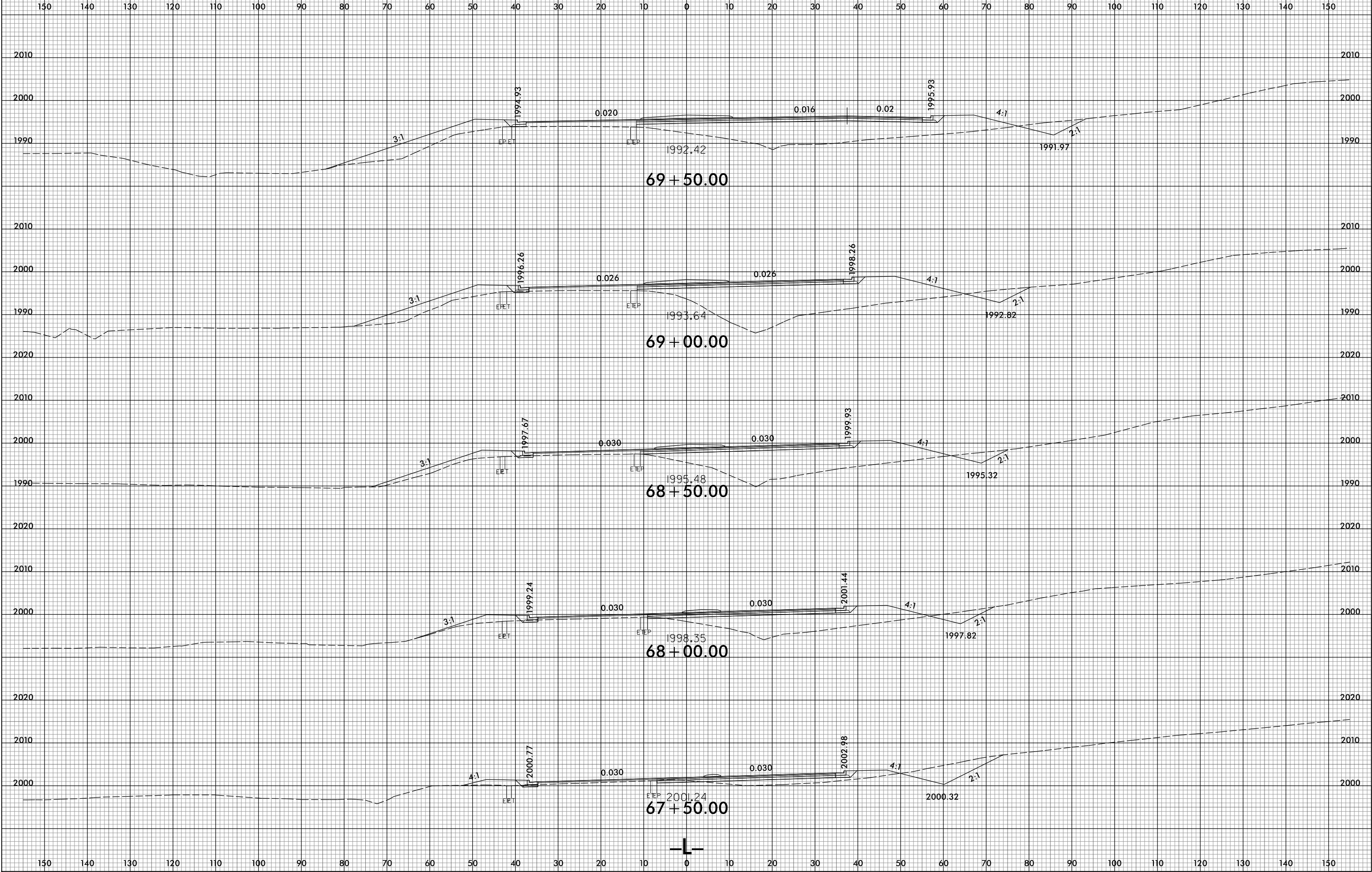


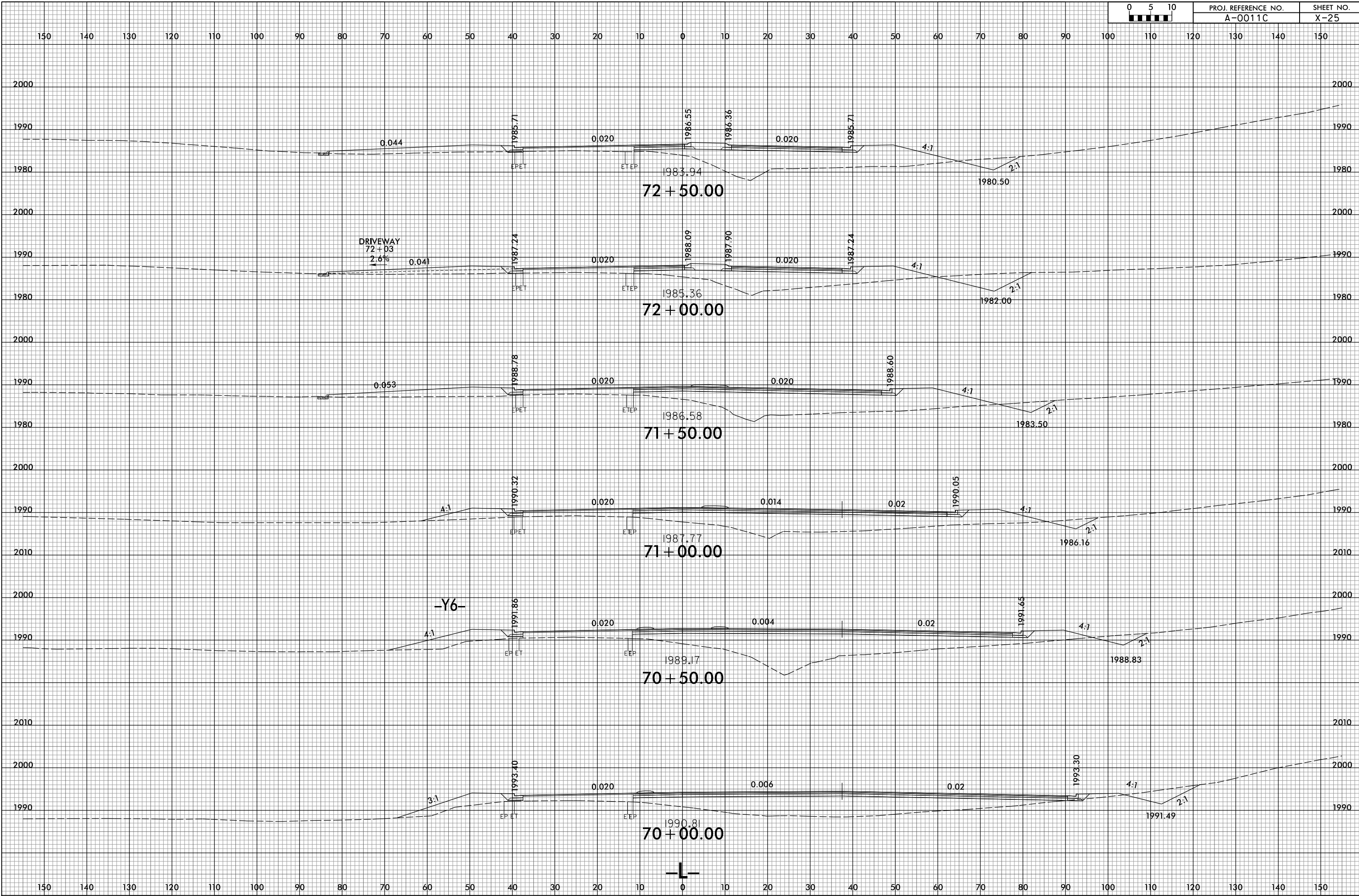


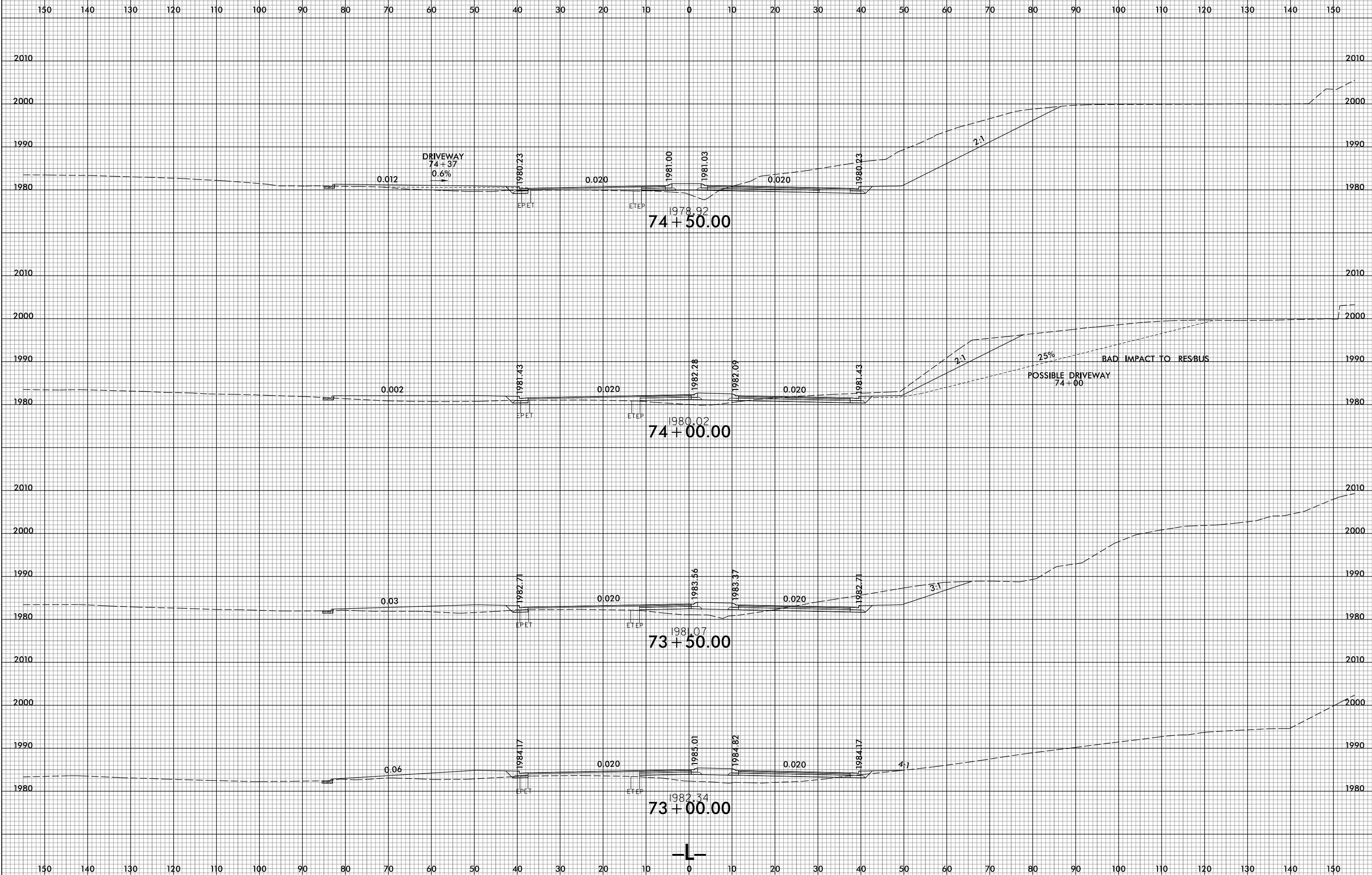


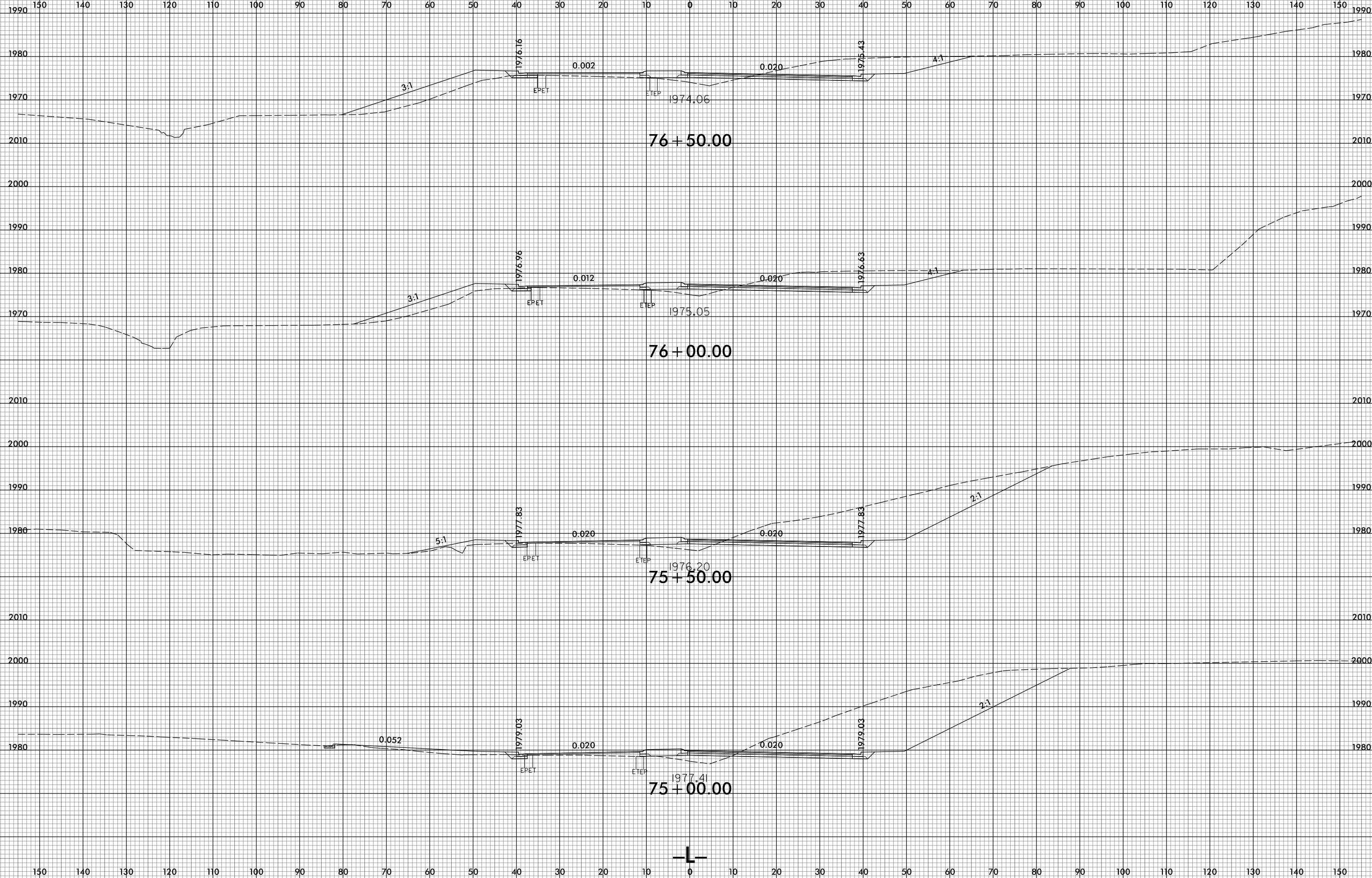


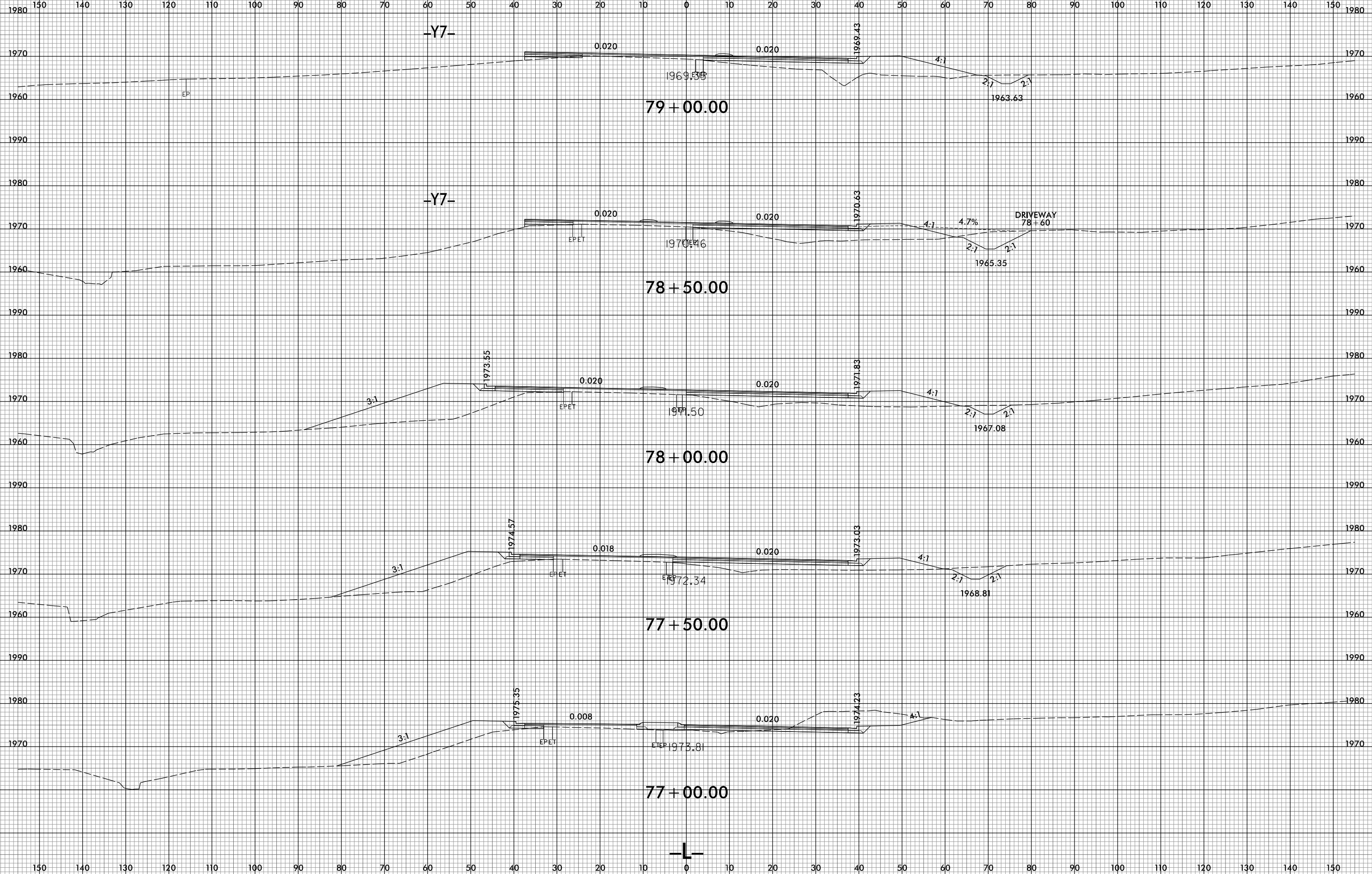


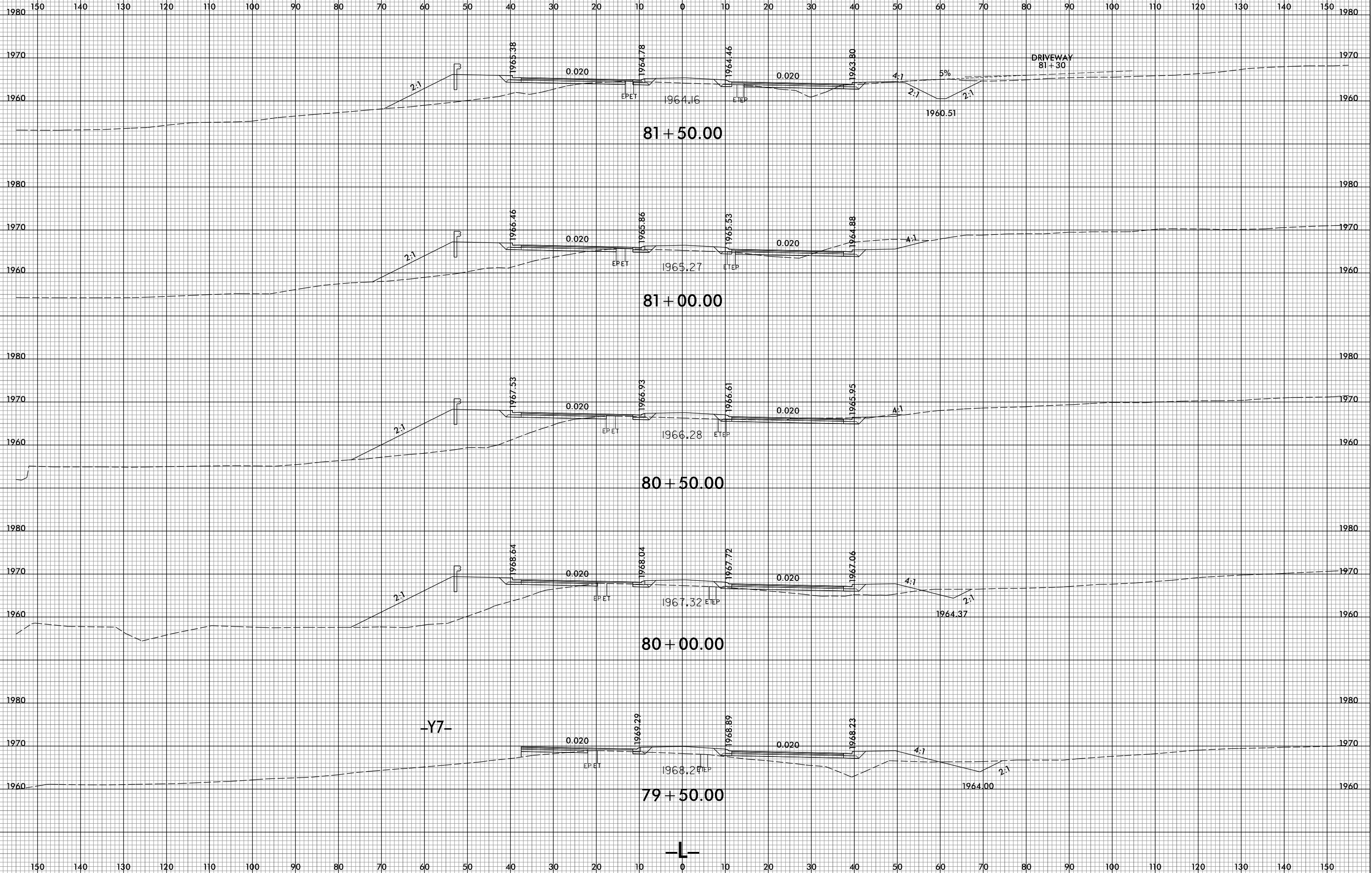


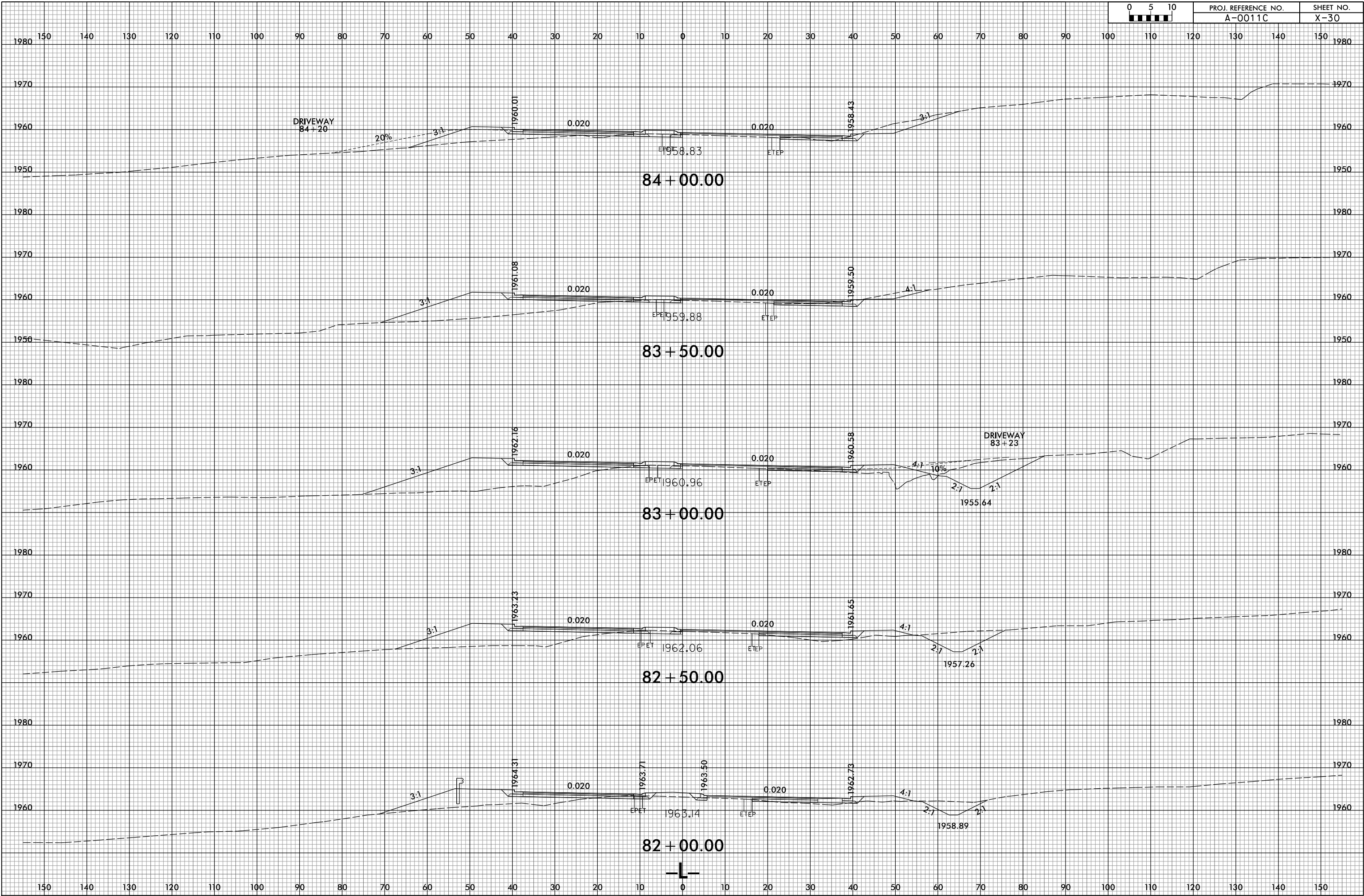


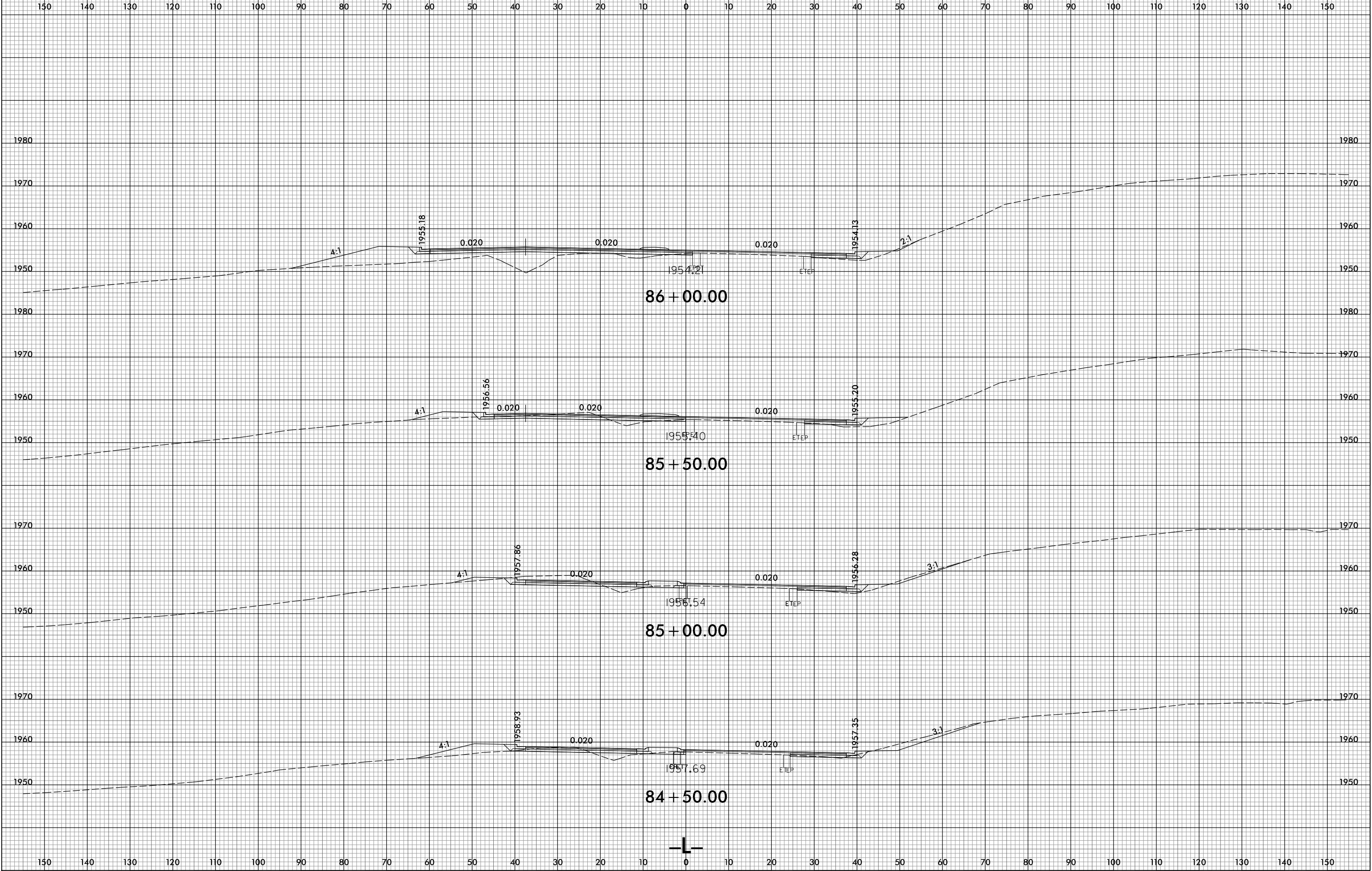


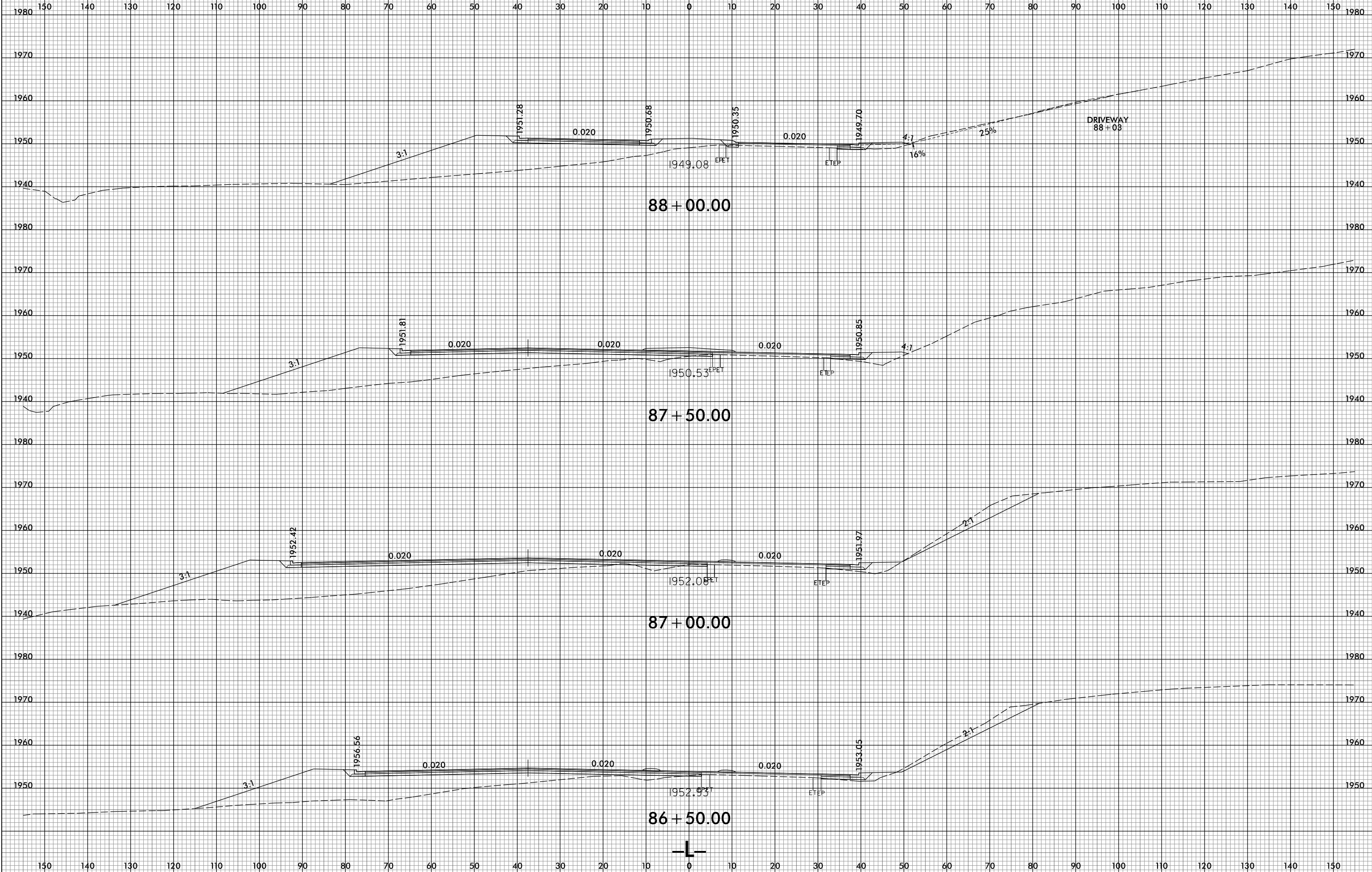


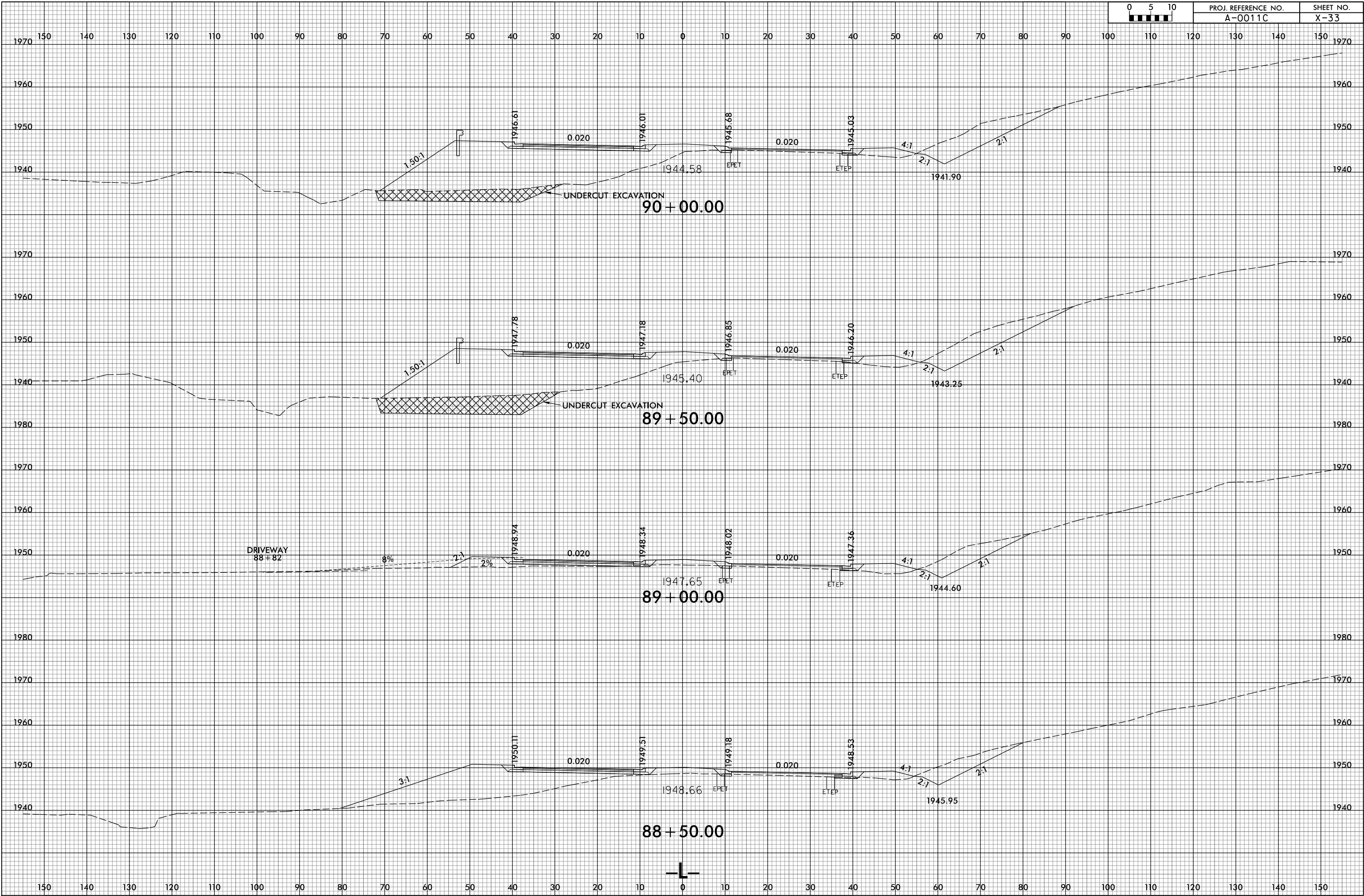


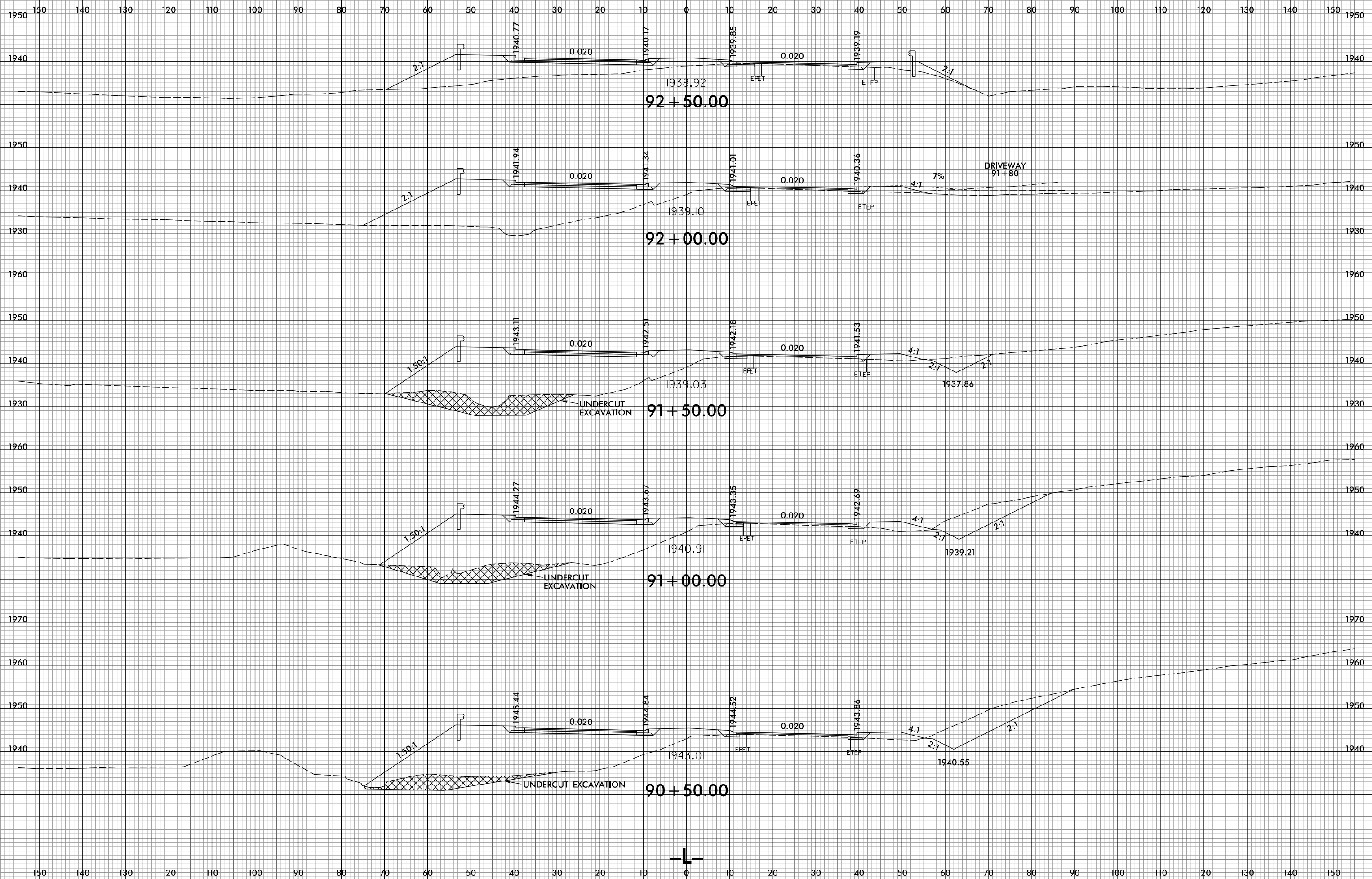


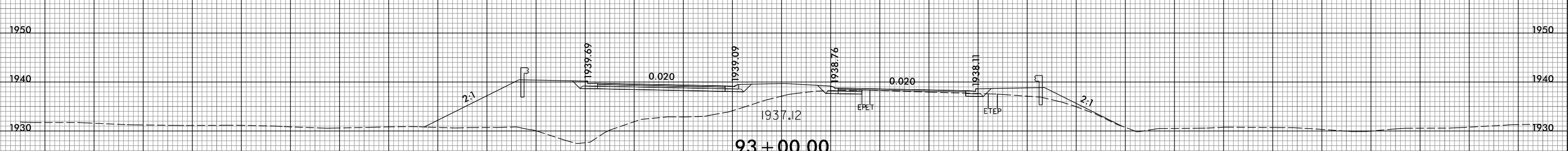
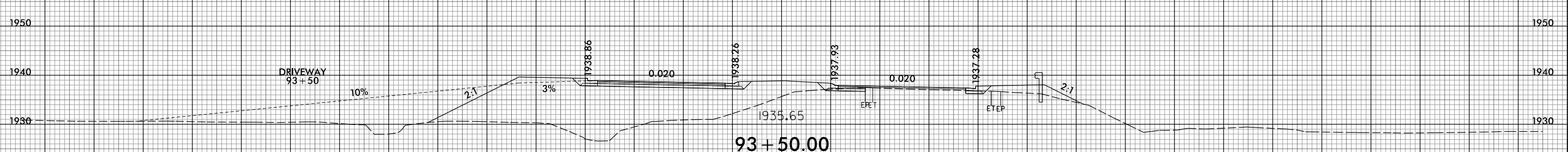
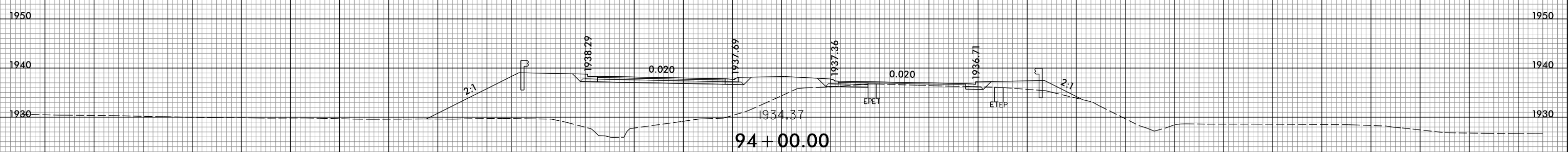
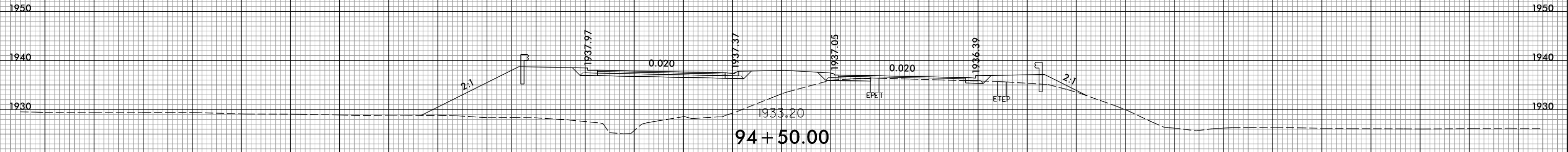
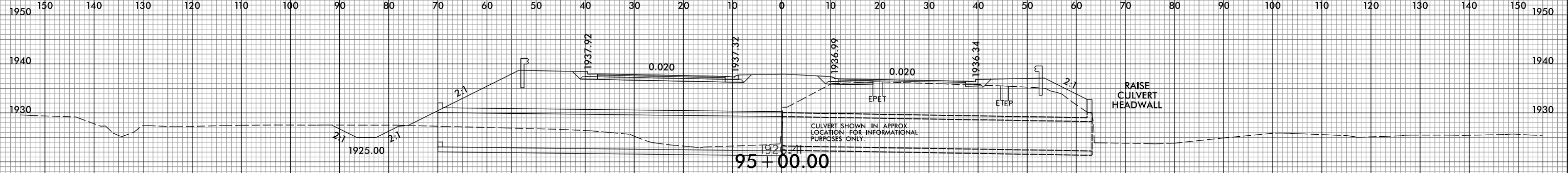


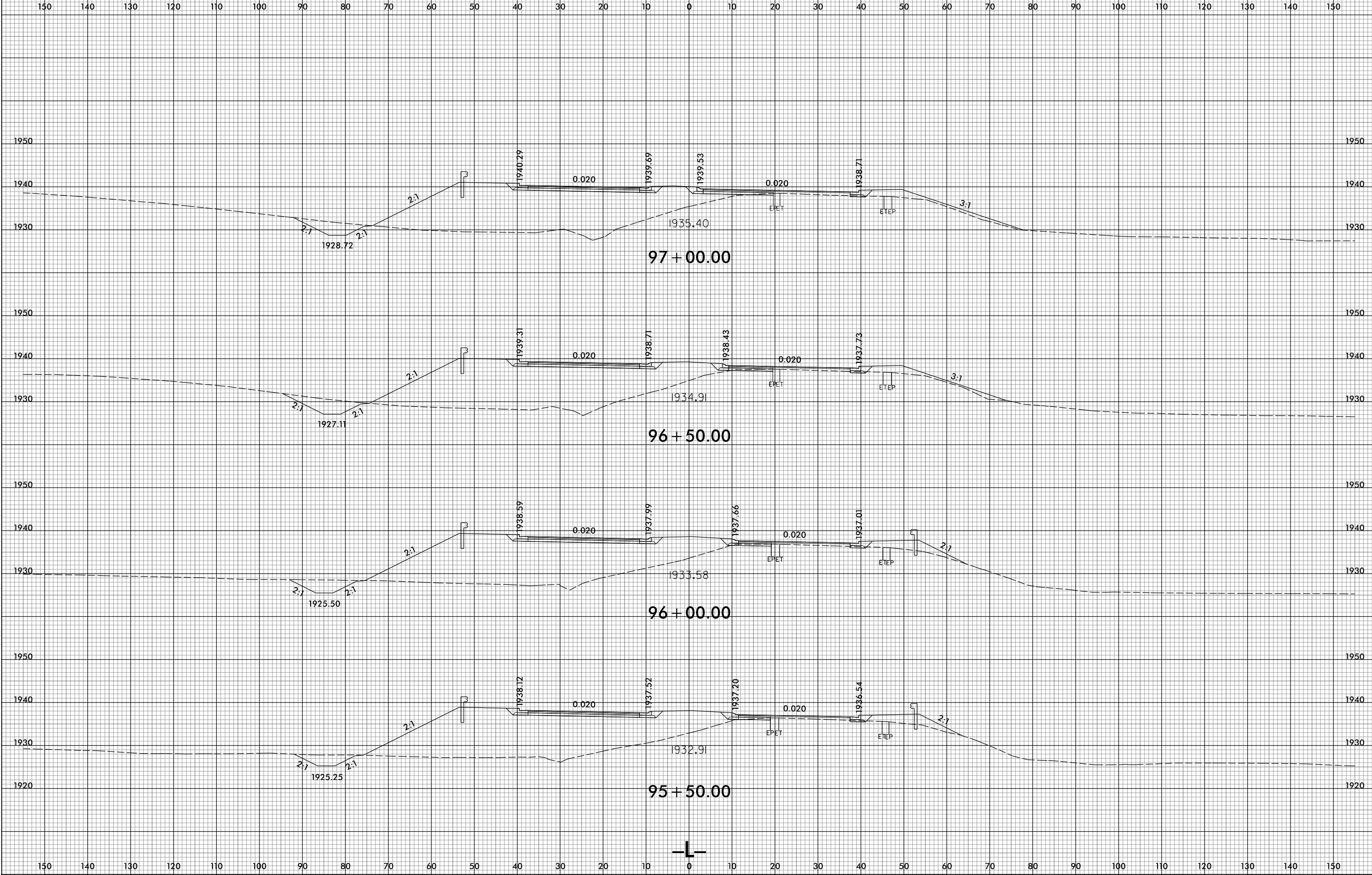


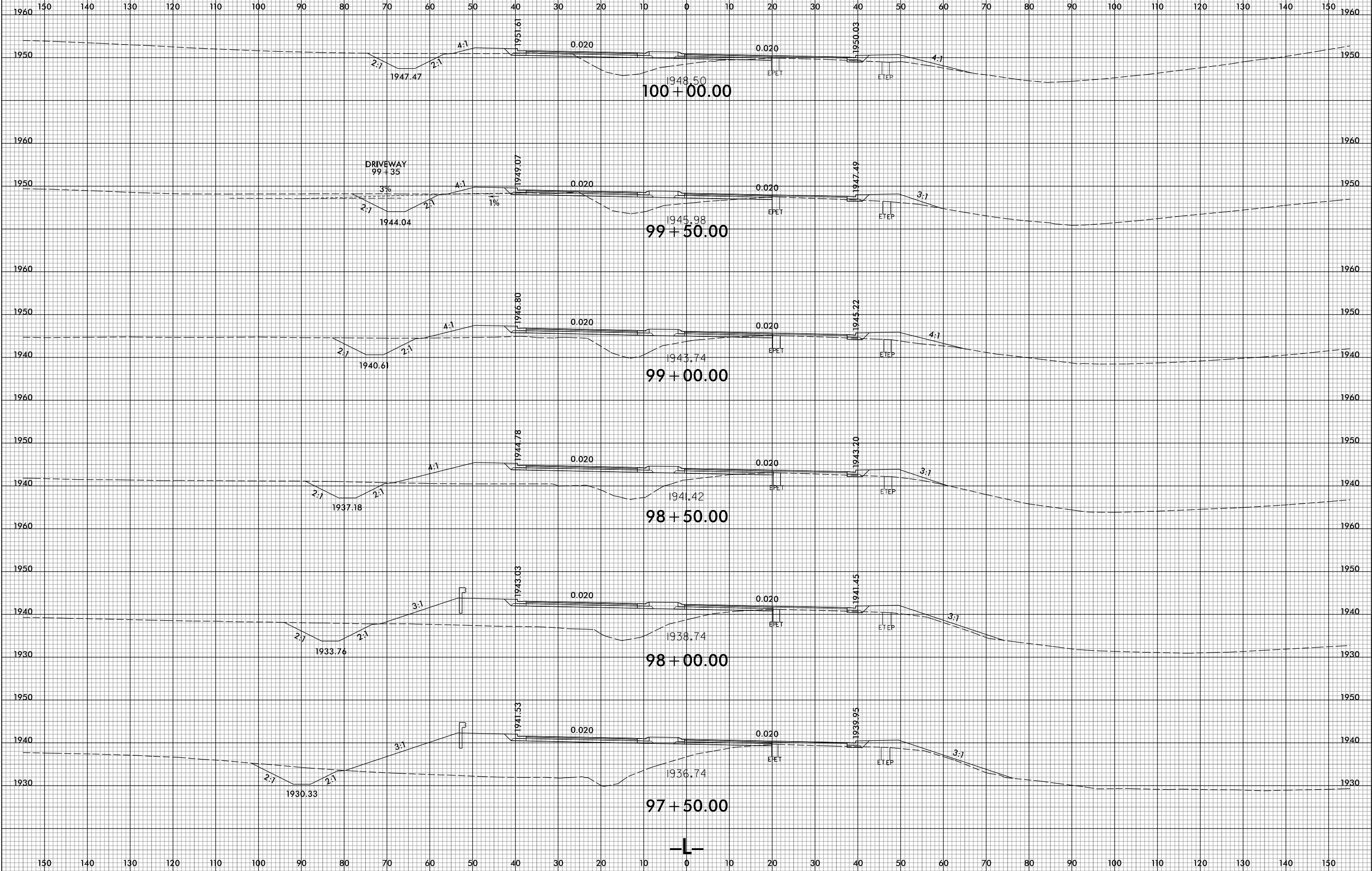


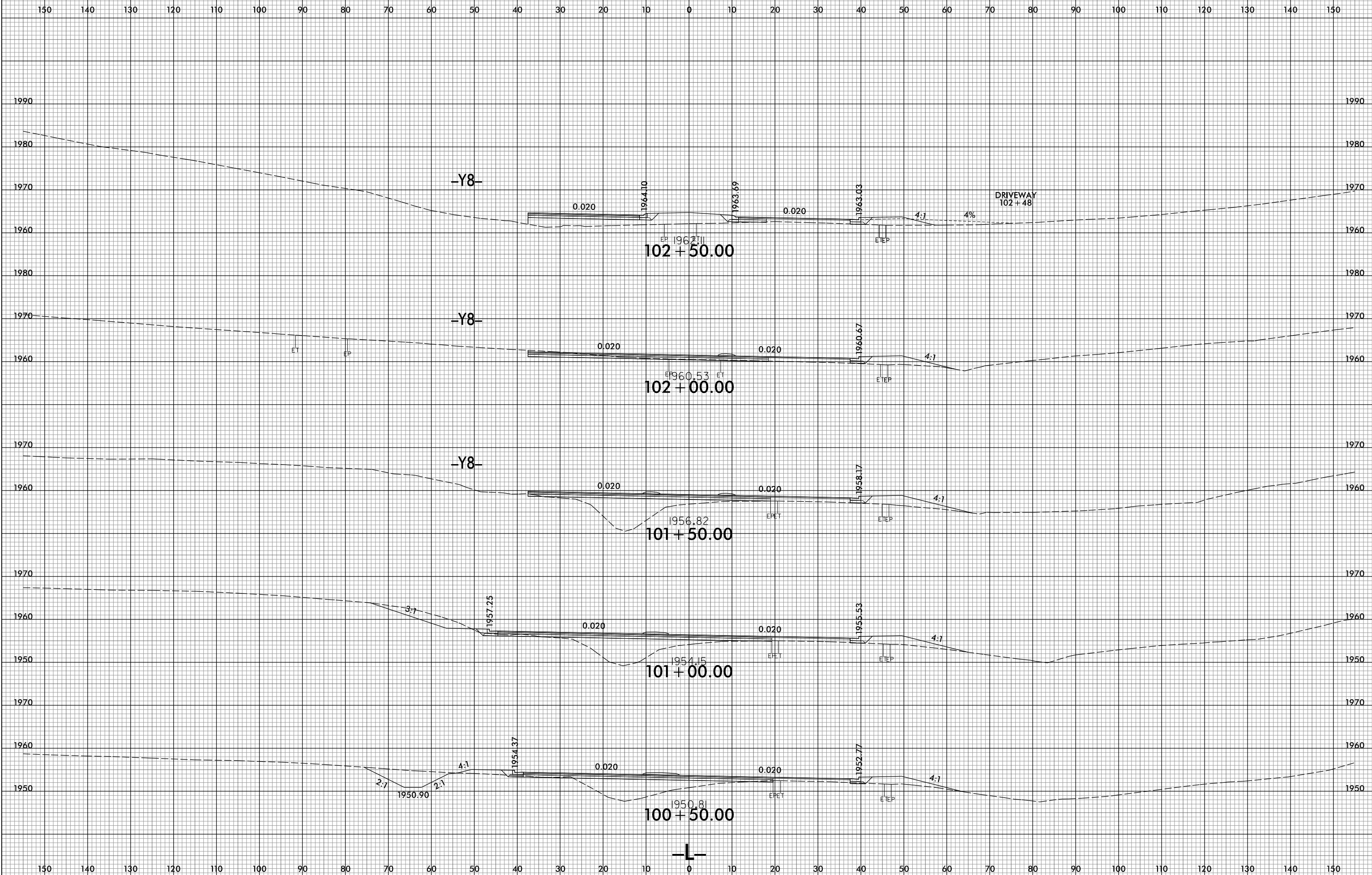


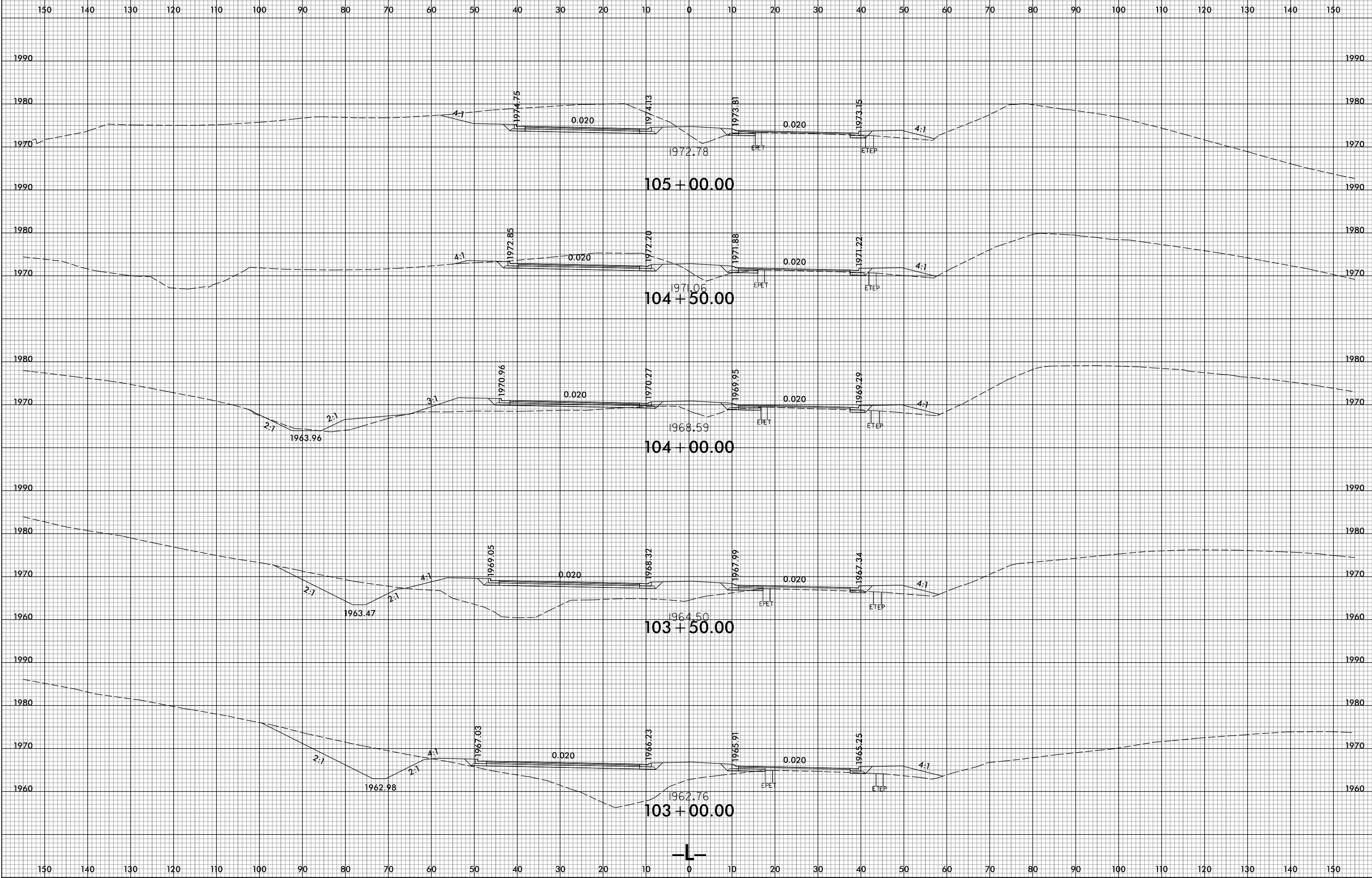
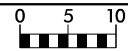






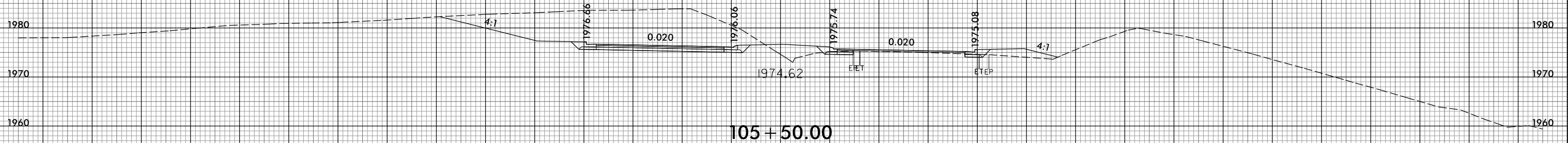
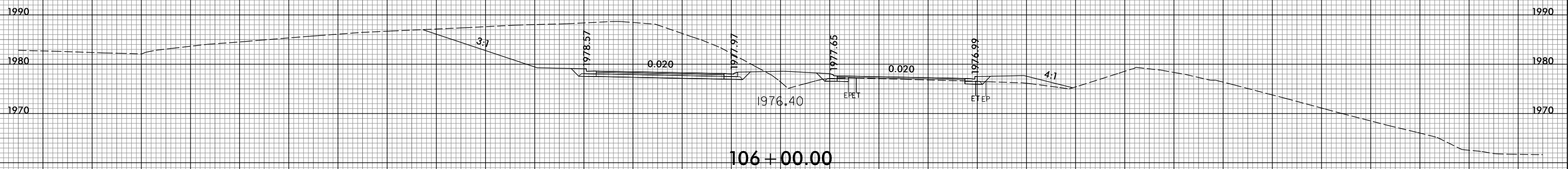
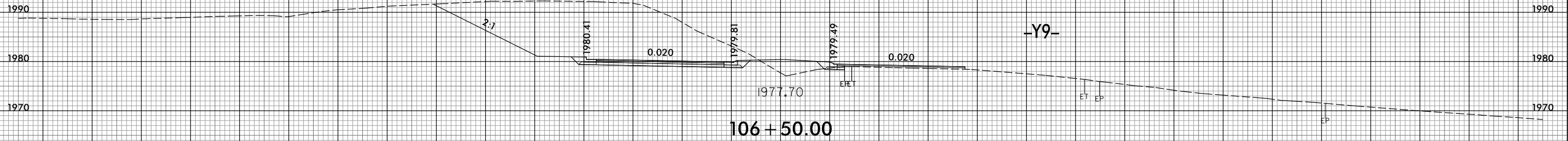
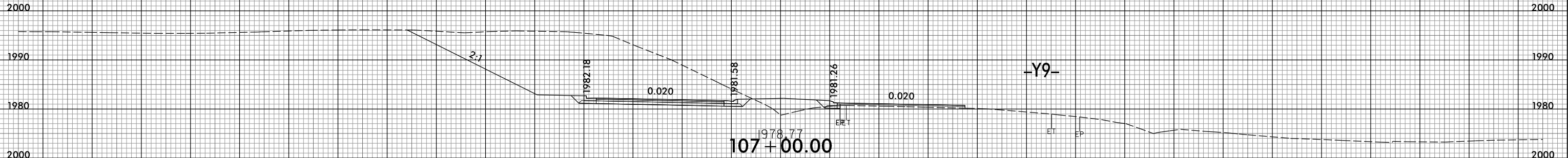


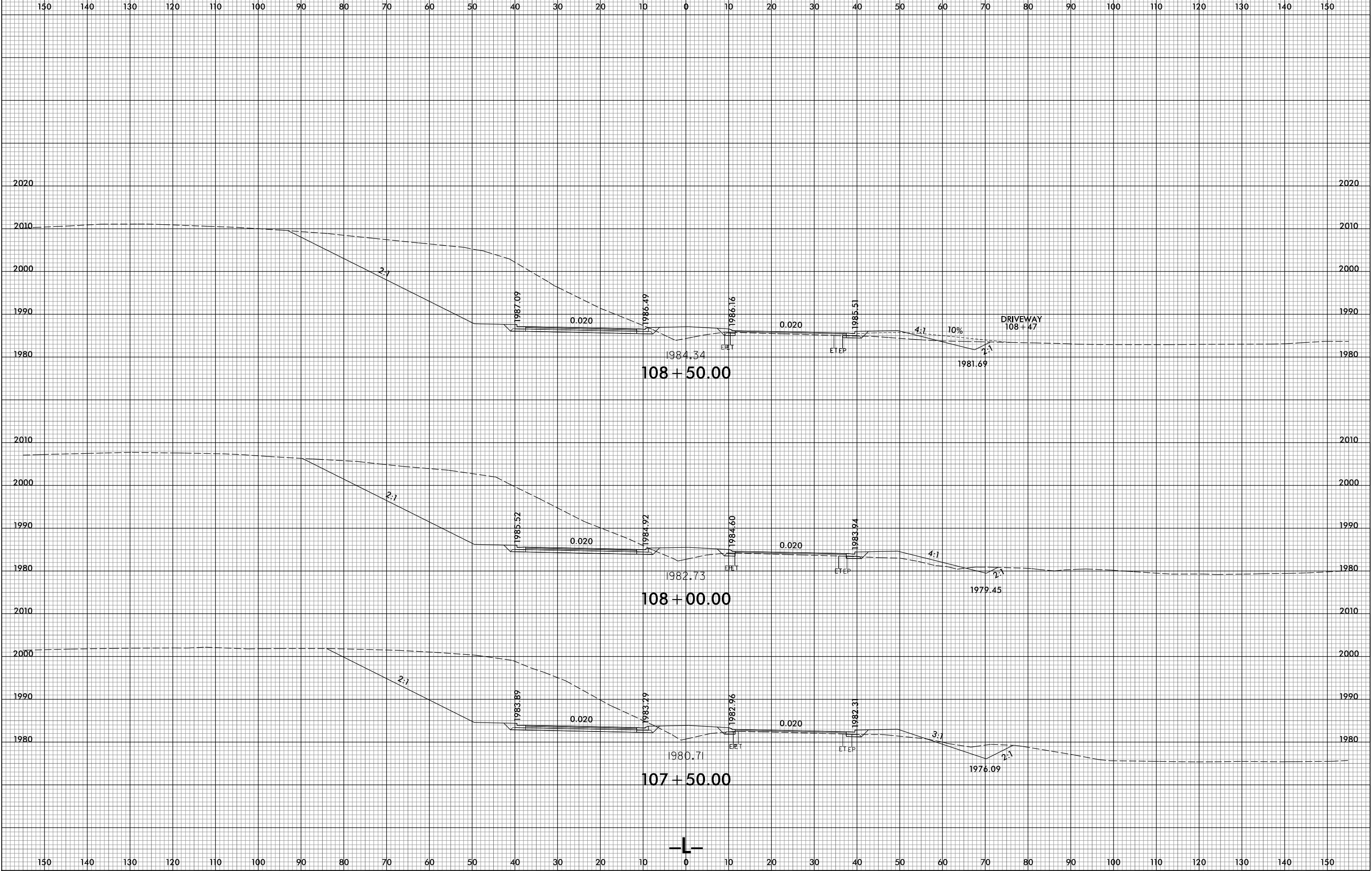


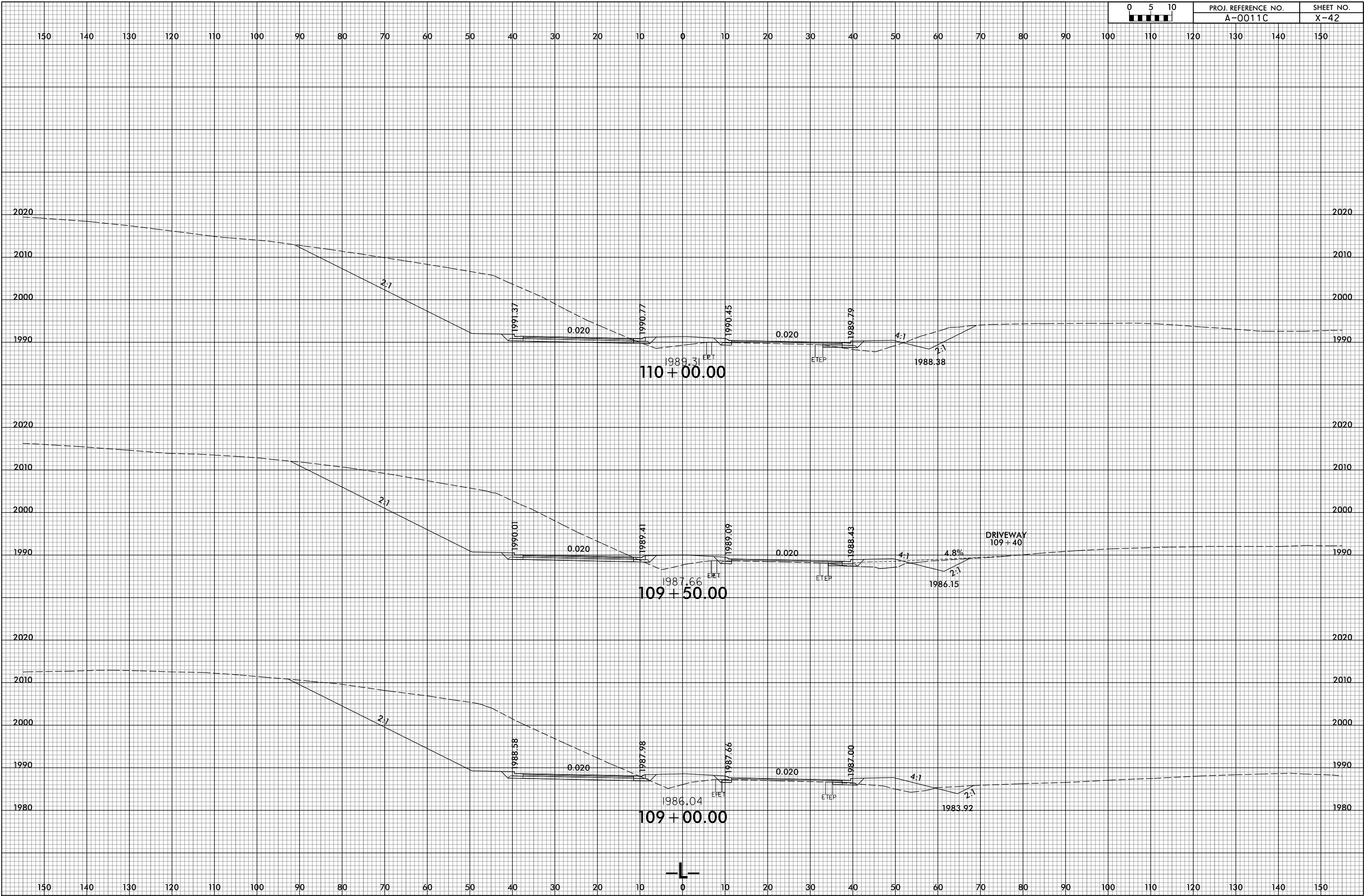


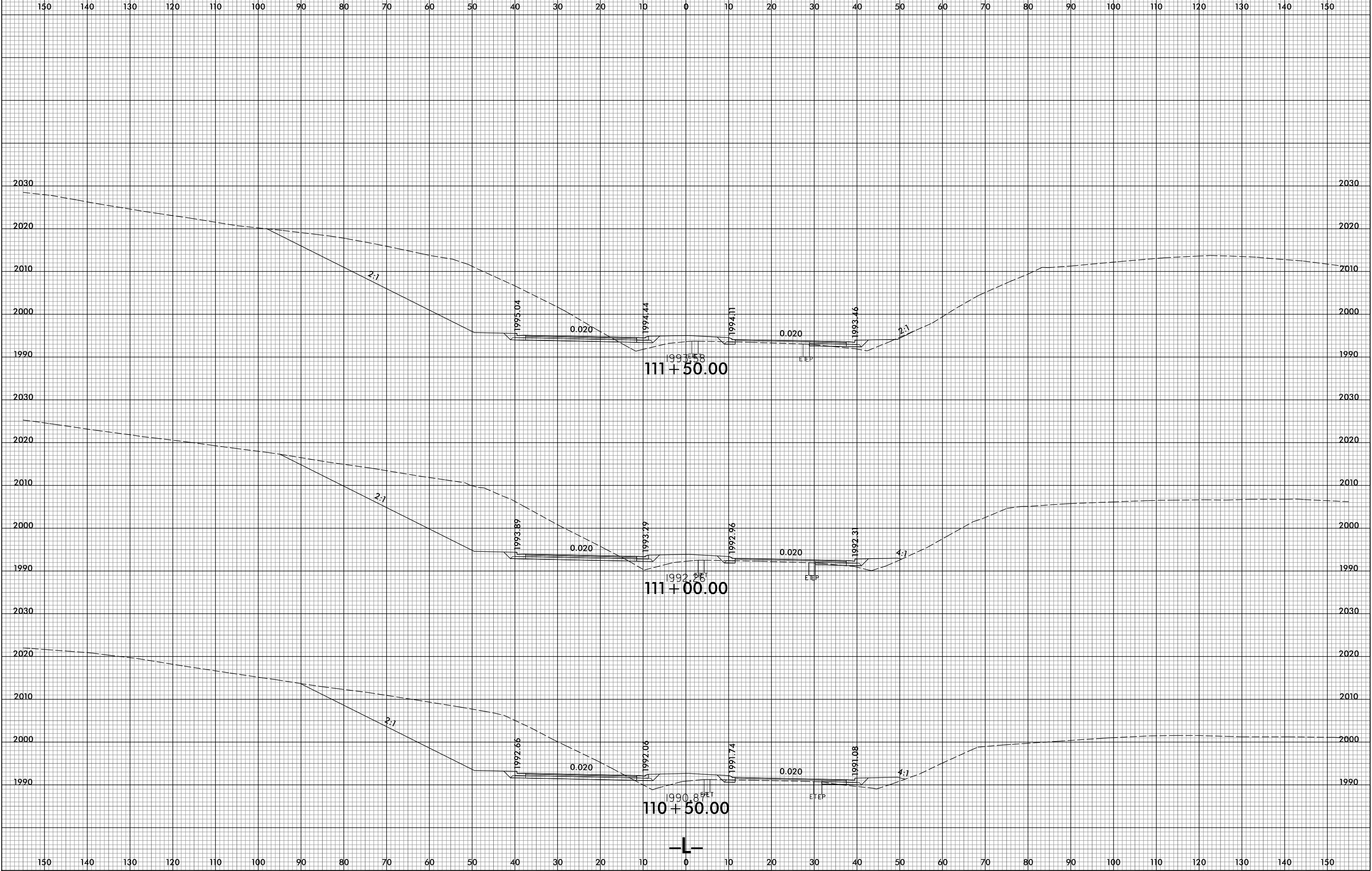


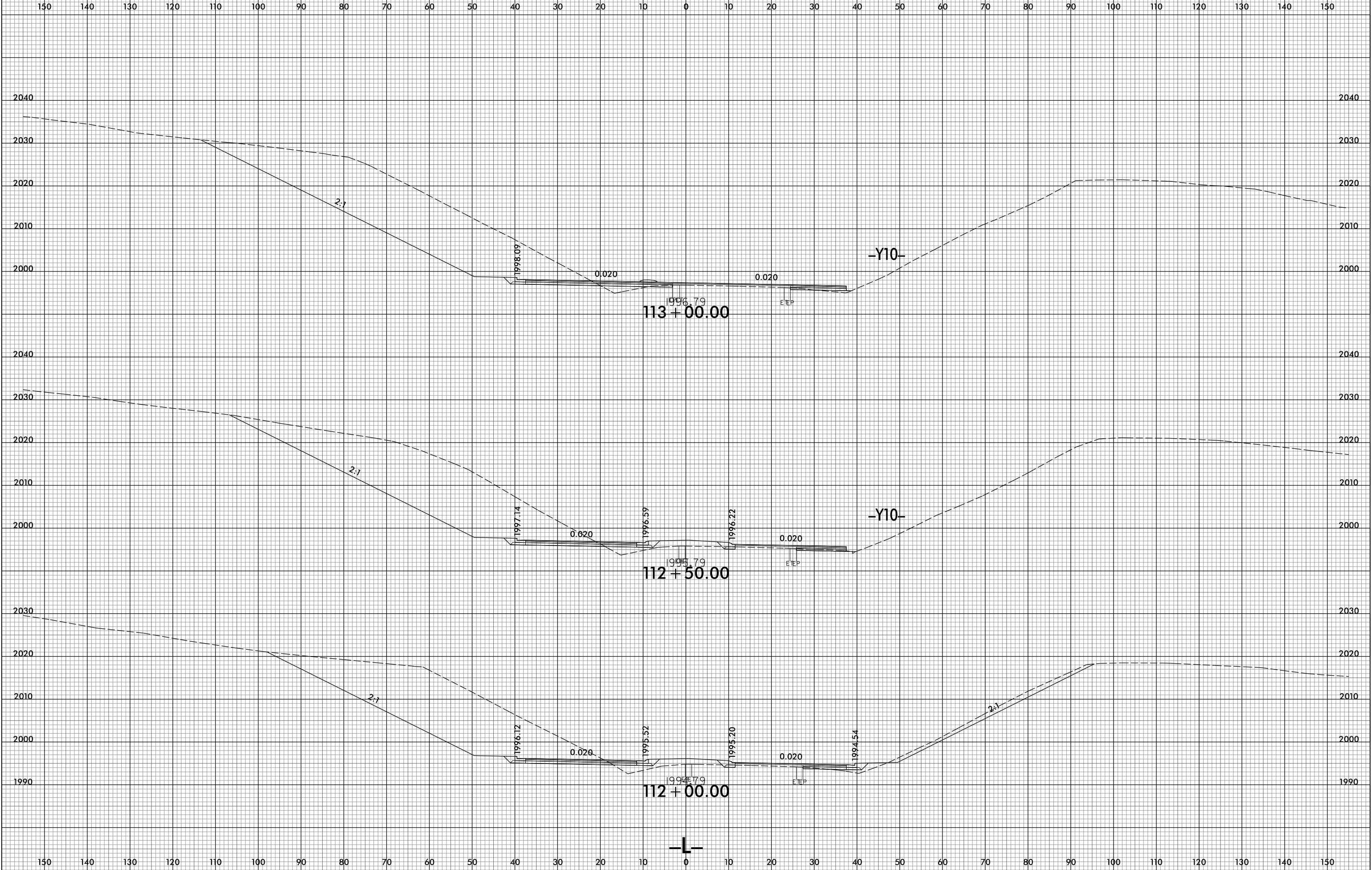
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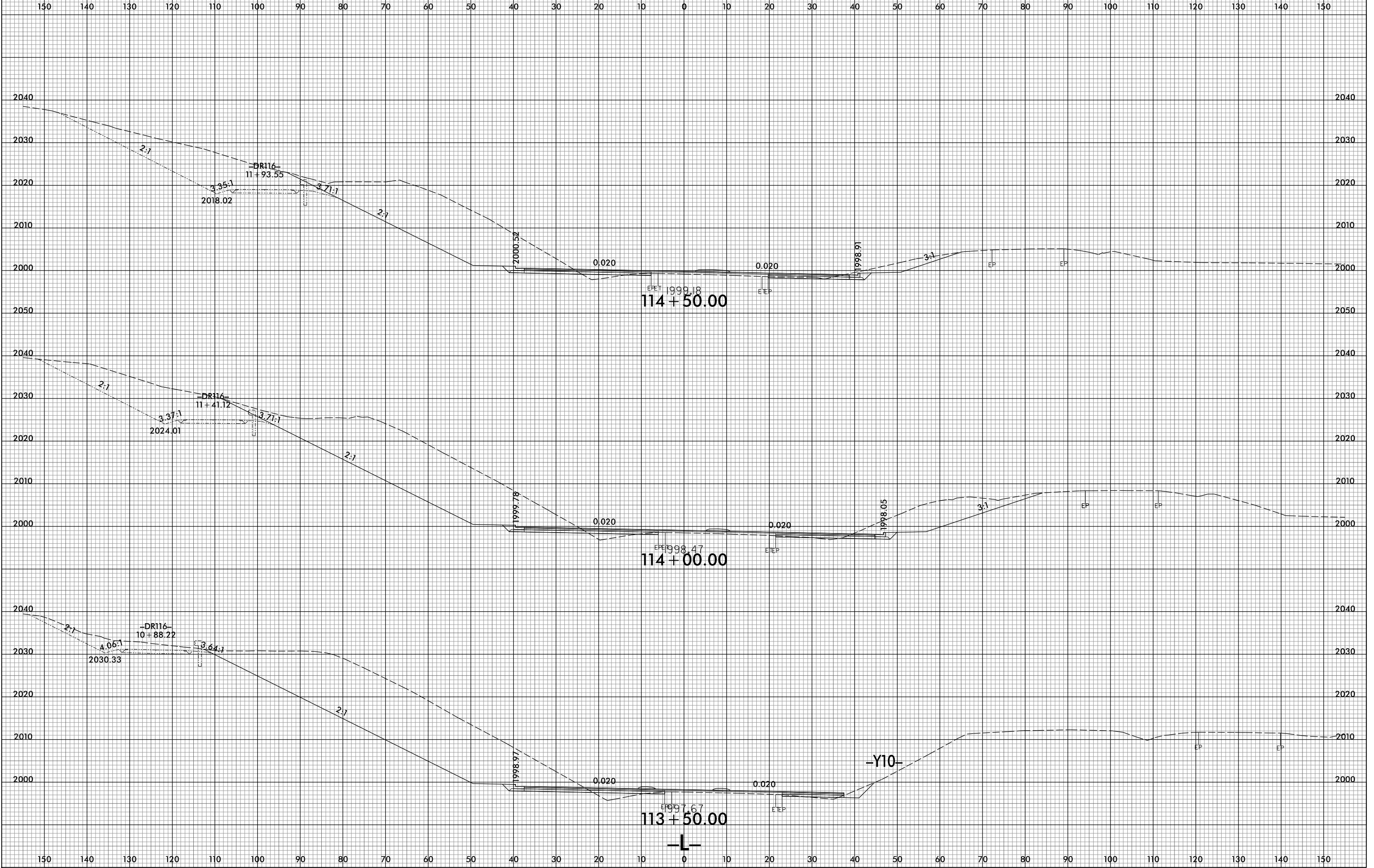


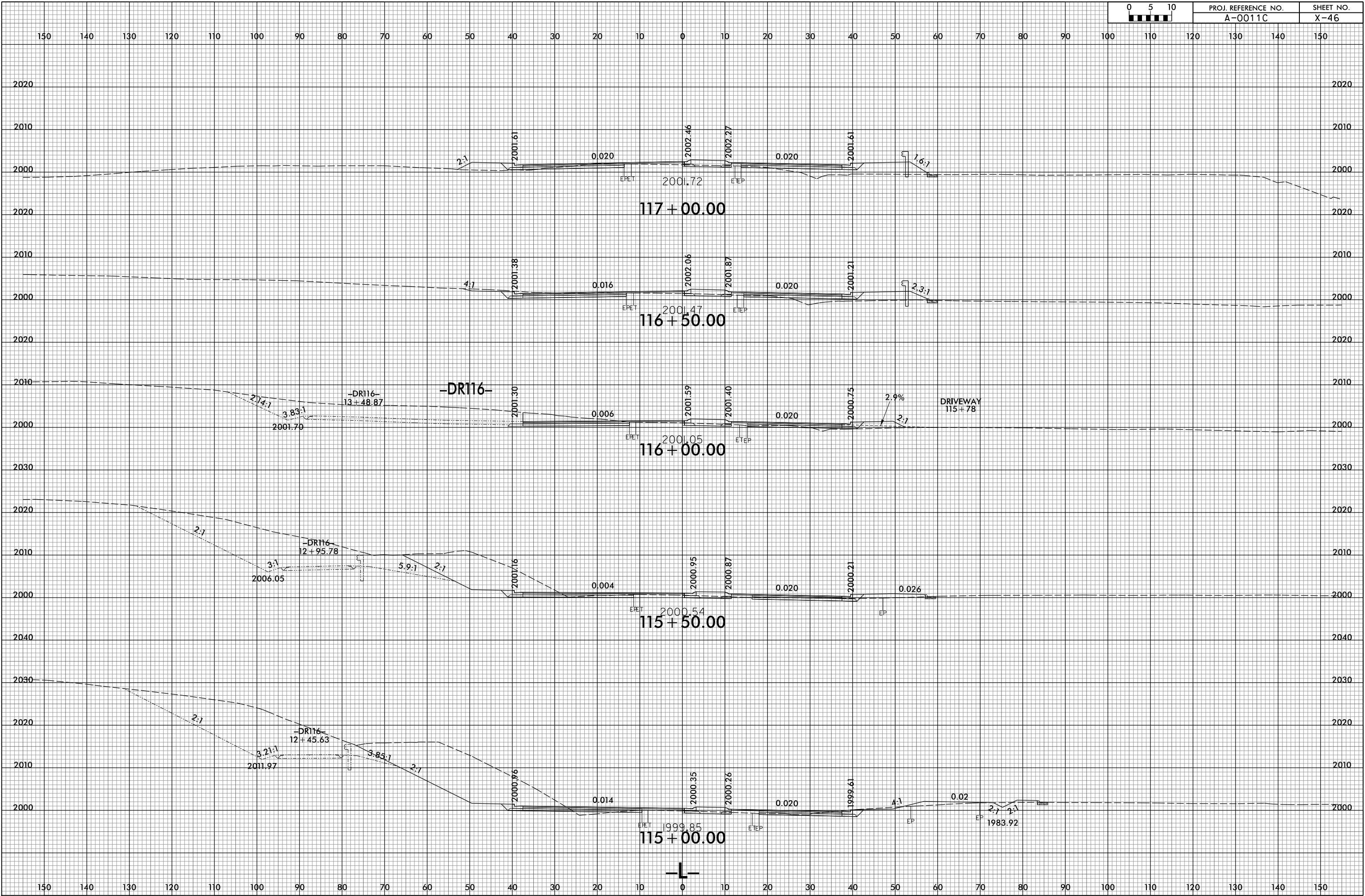


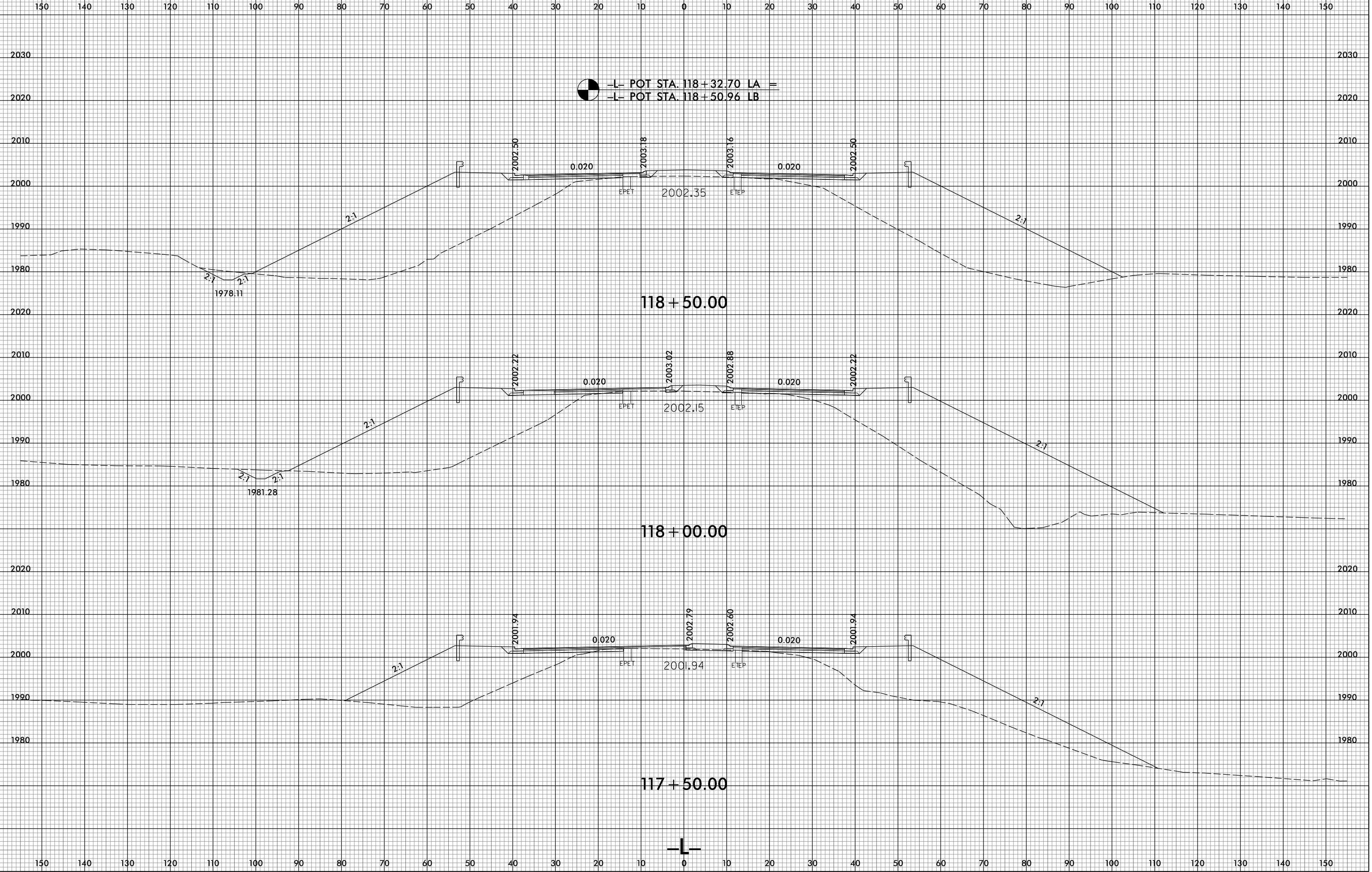
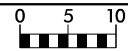


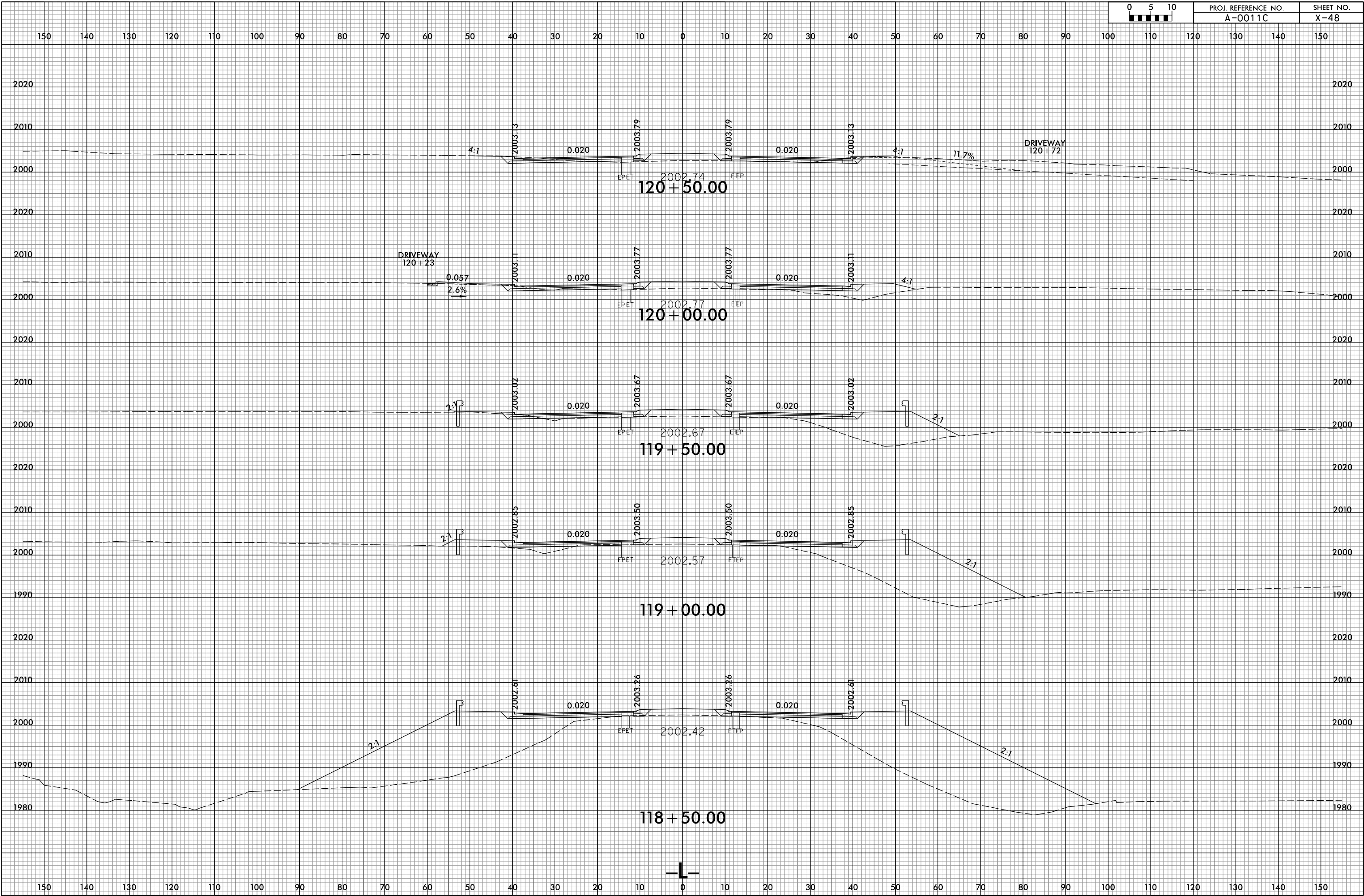


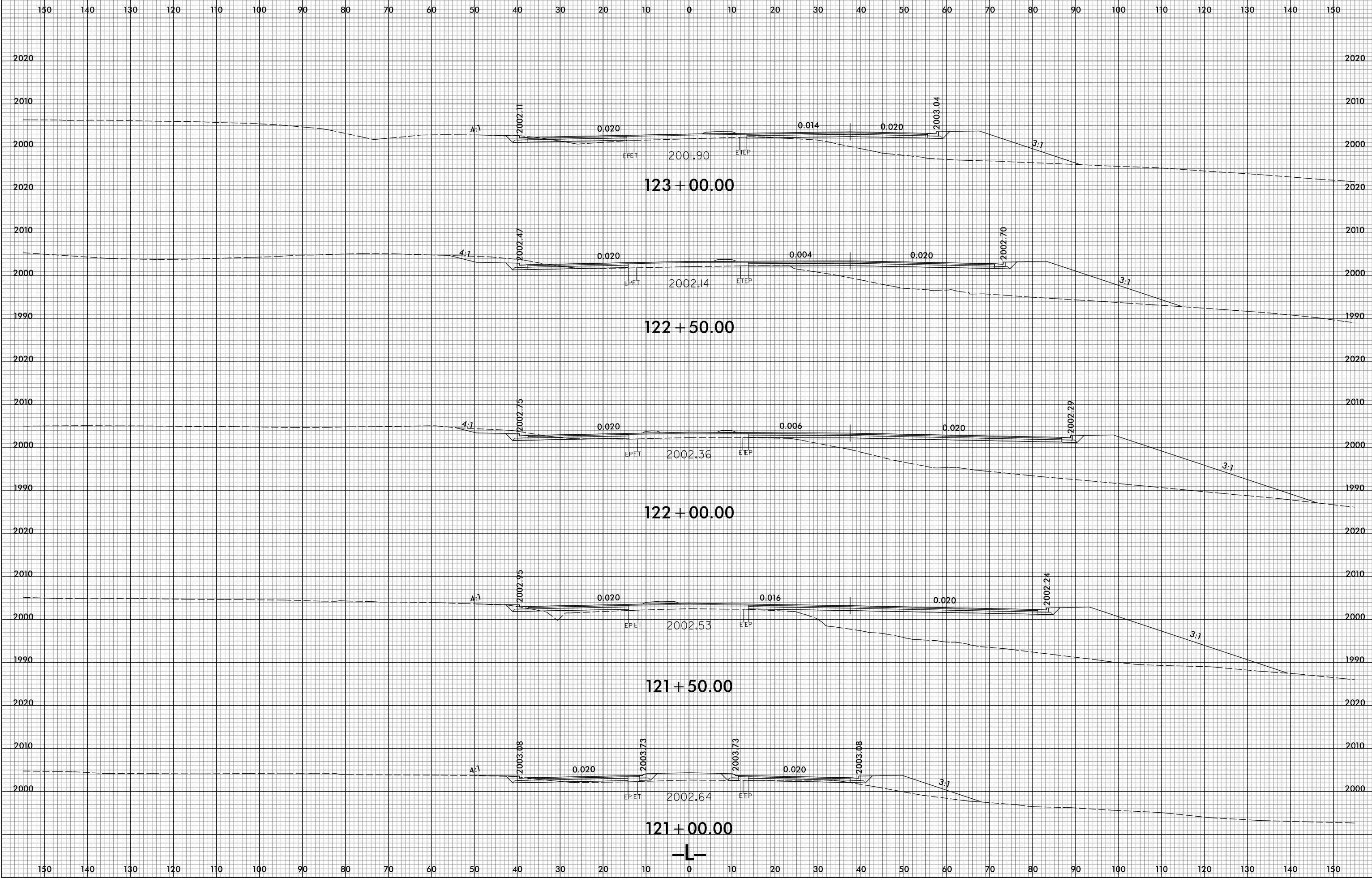


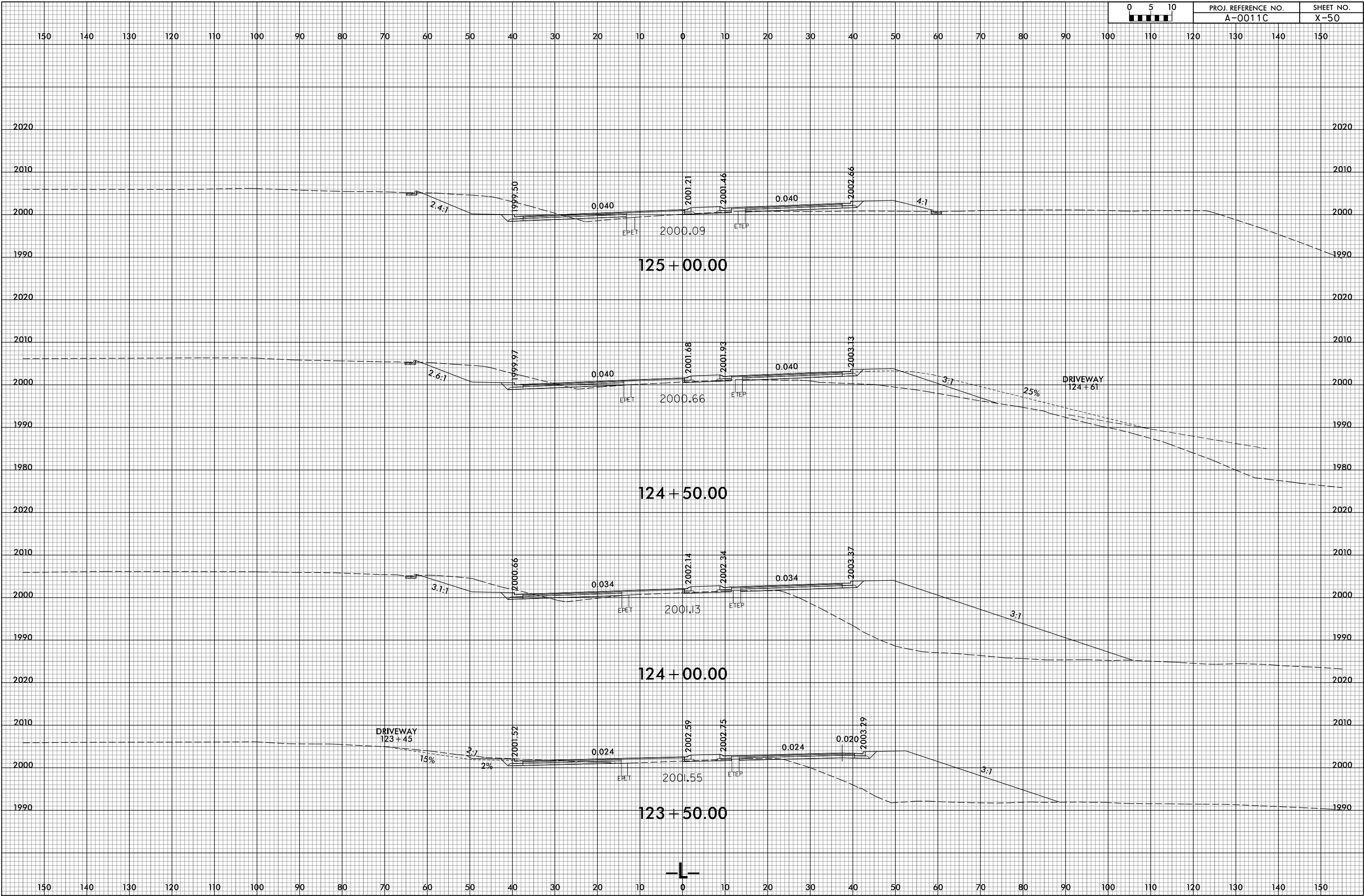


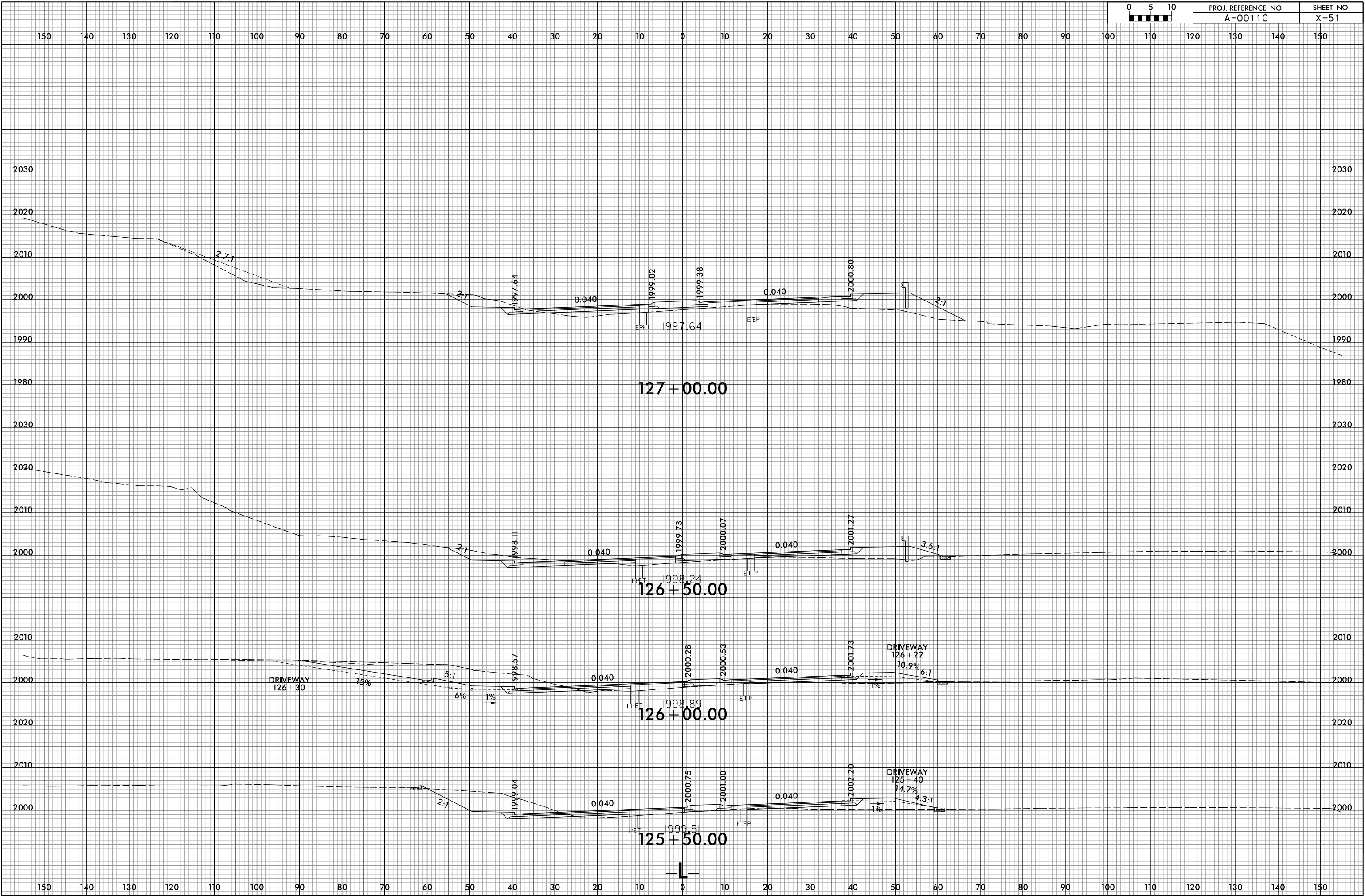














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2030 2030

2020 -Y11-
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EP EP

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2.7 1996.72 0.040 0.040 1999.88
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2.7

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128 + 00.00

2020 2020

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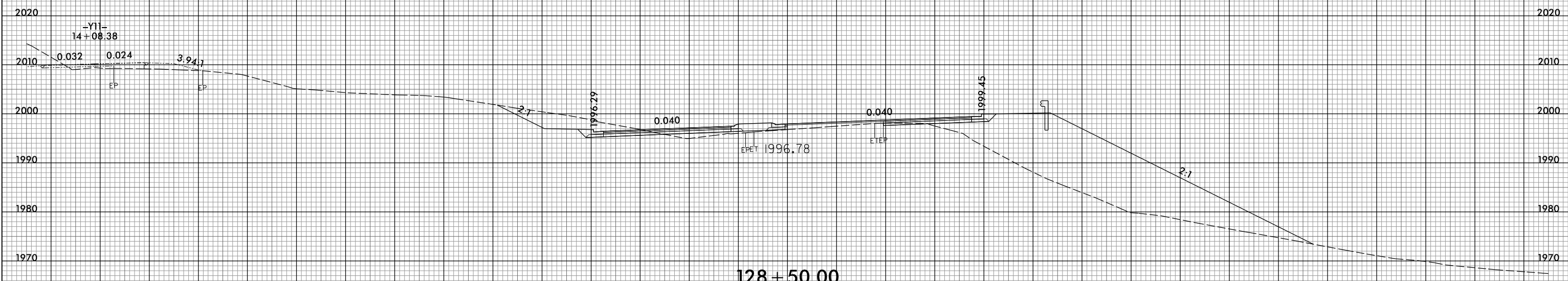
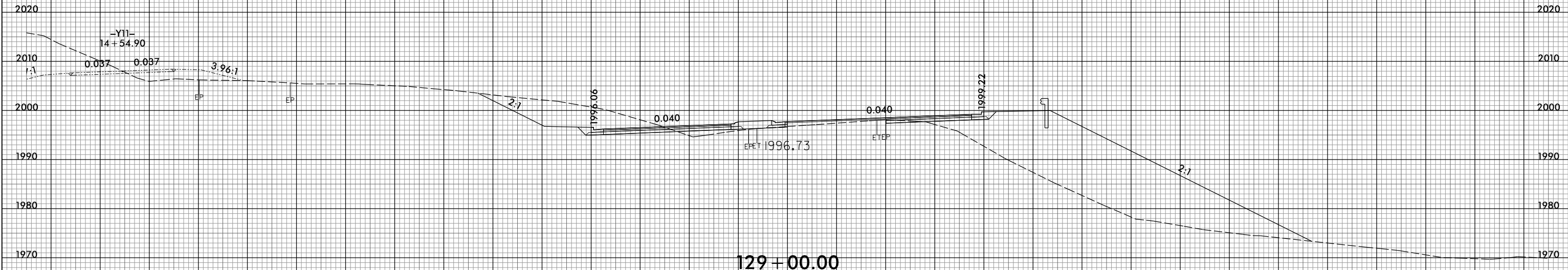
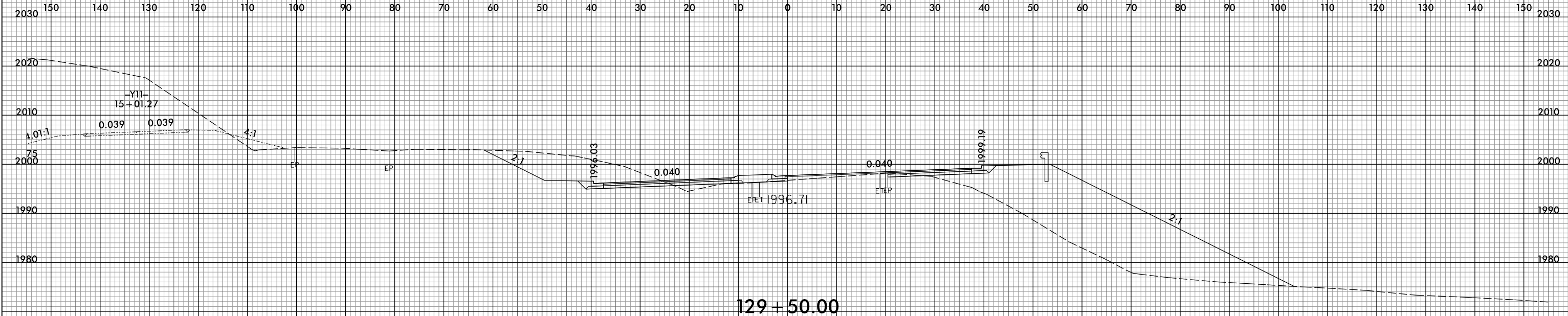
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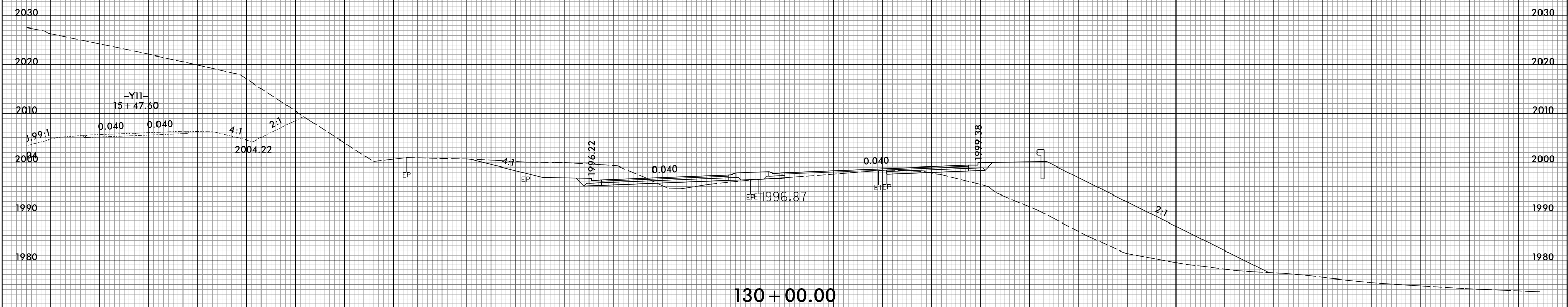
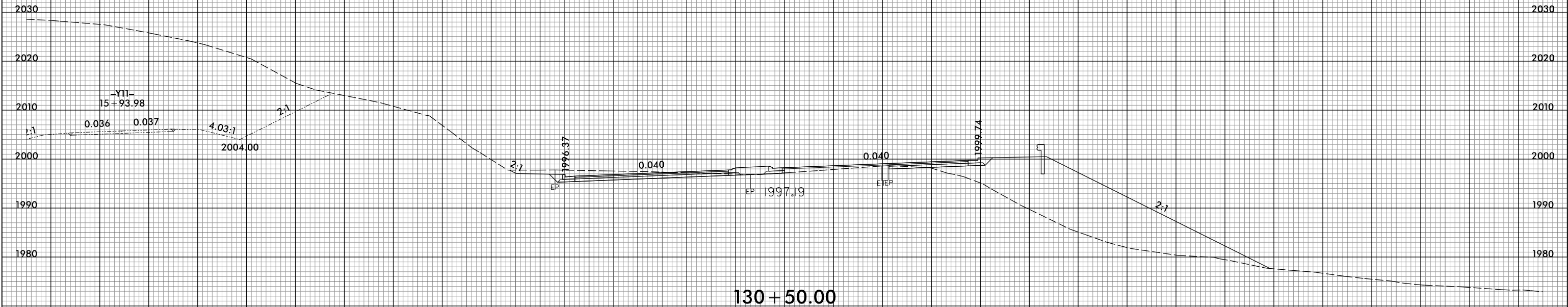
1980 1980

127 + 50.00



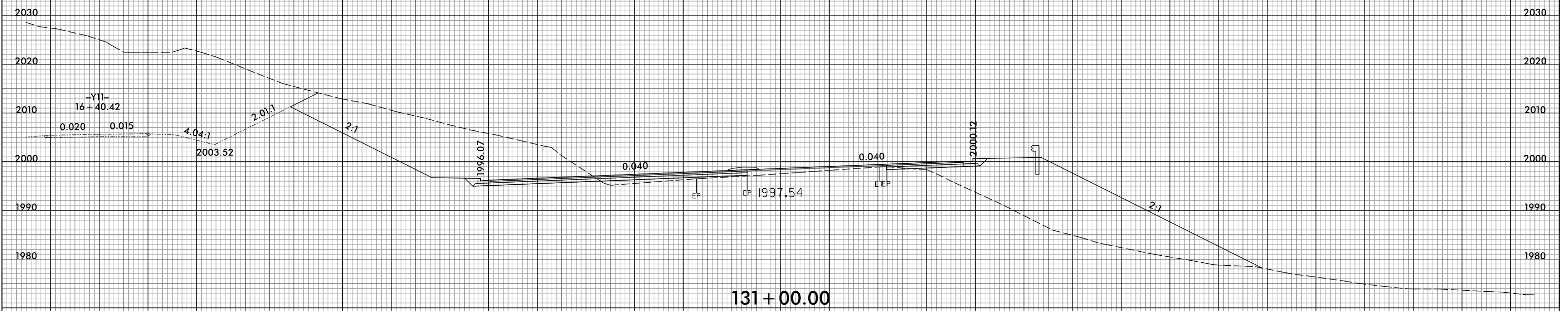
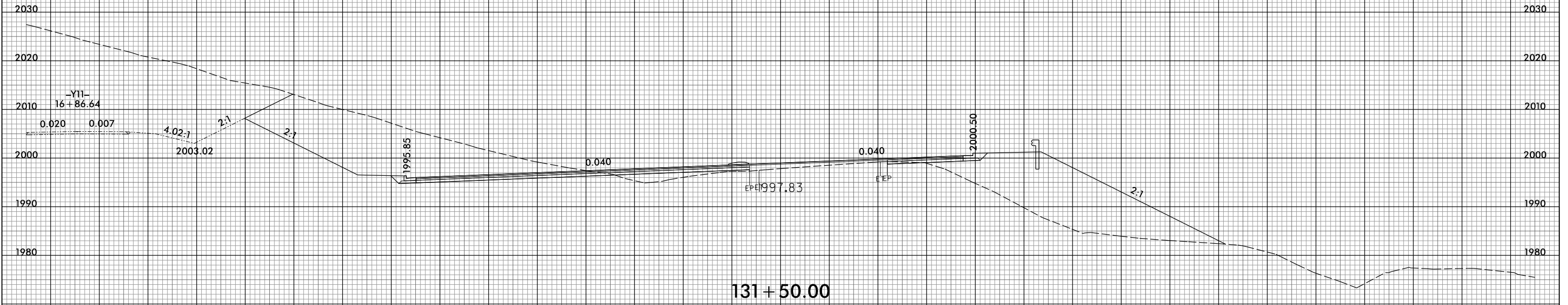


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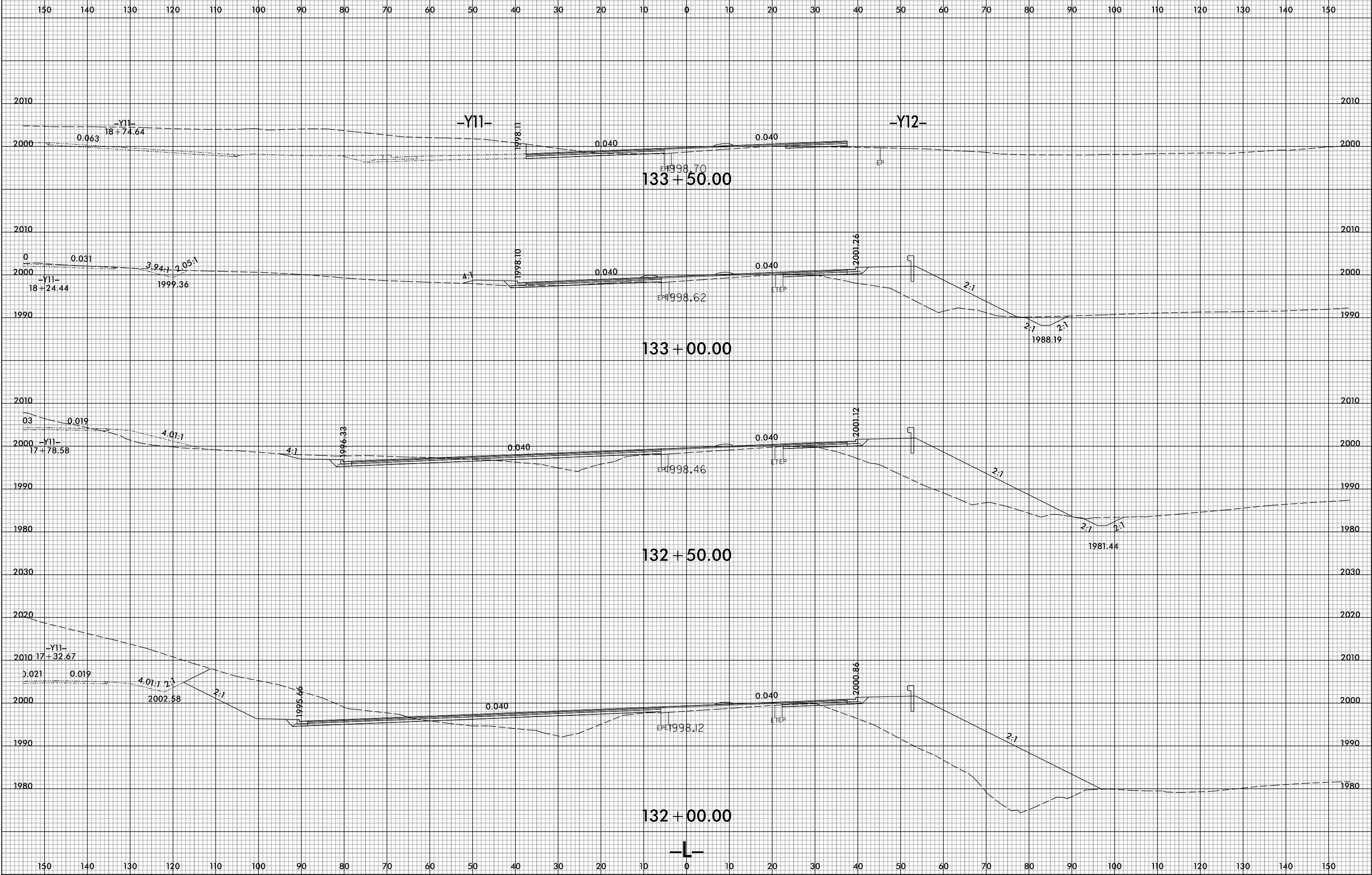




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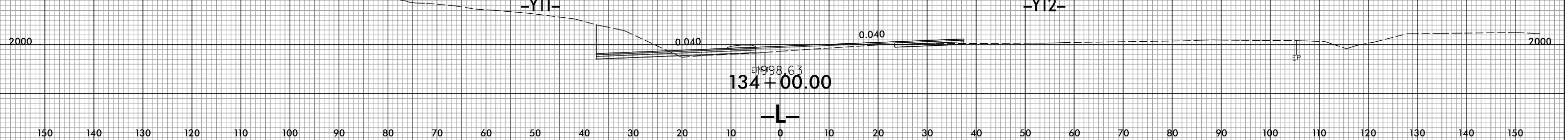
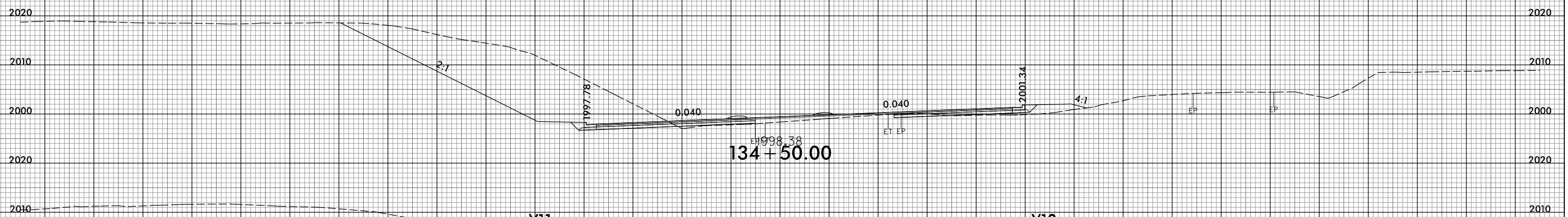
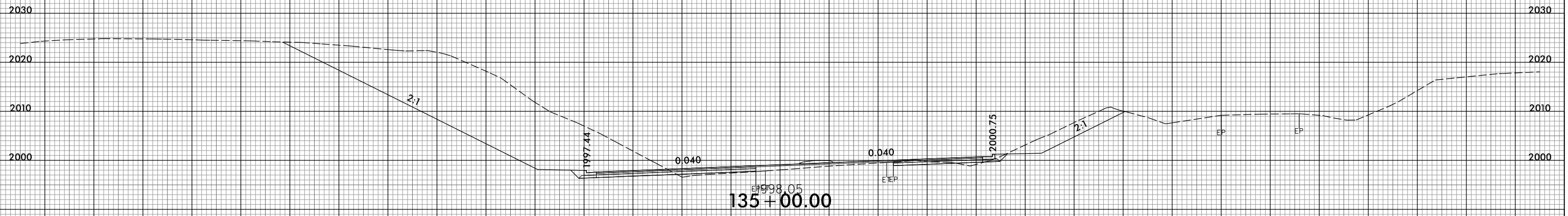
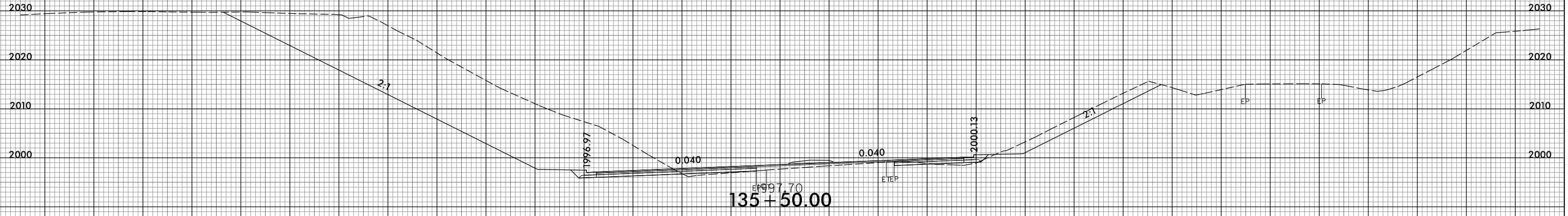


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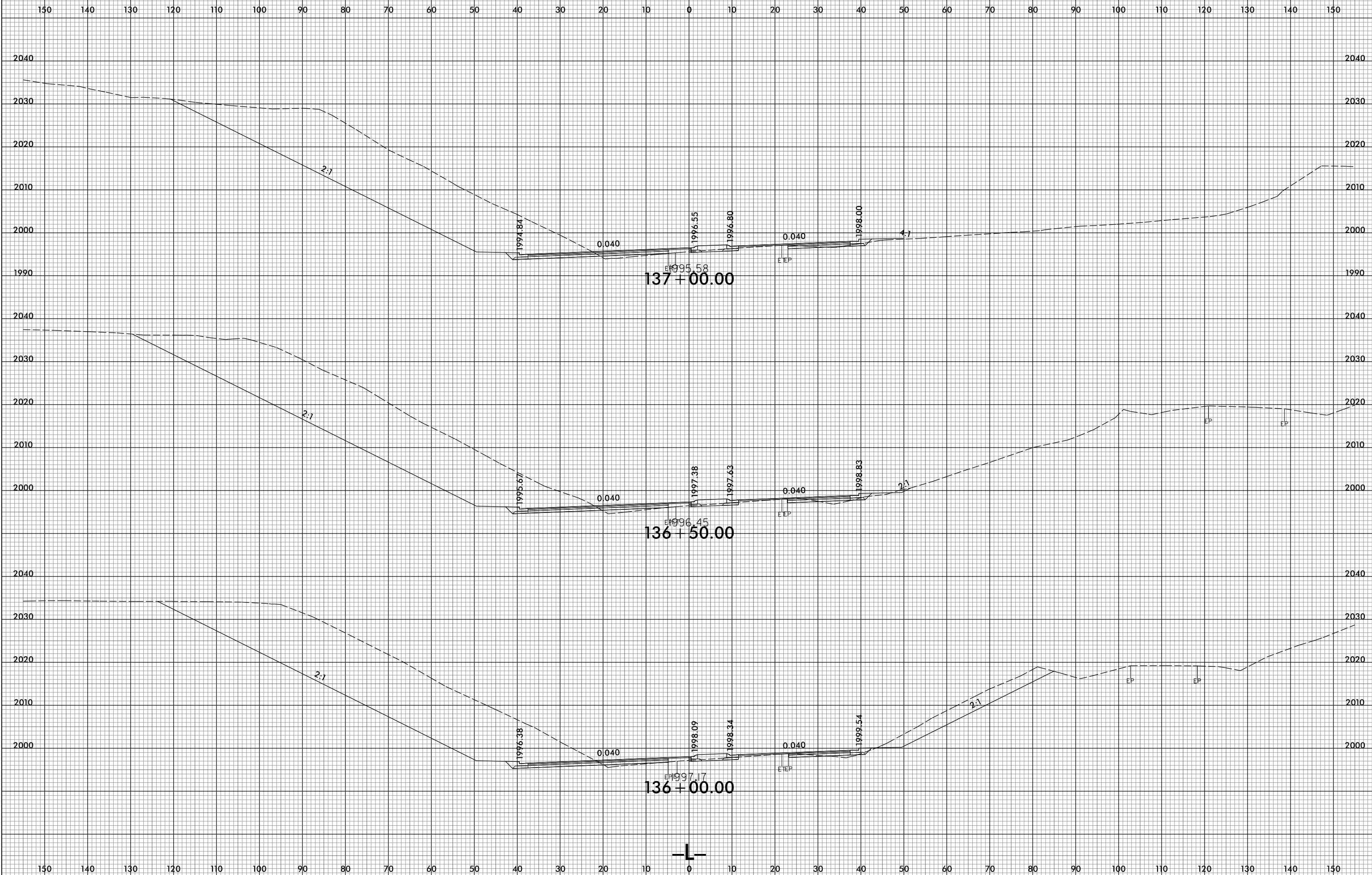


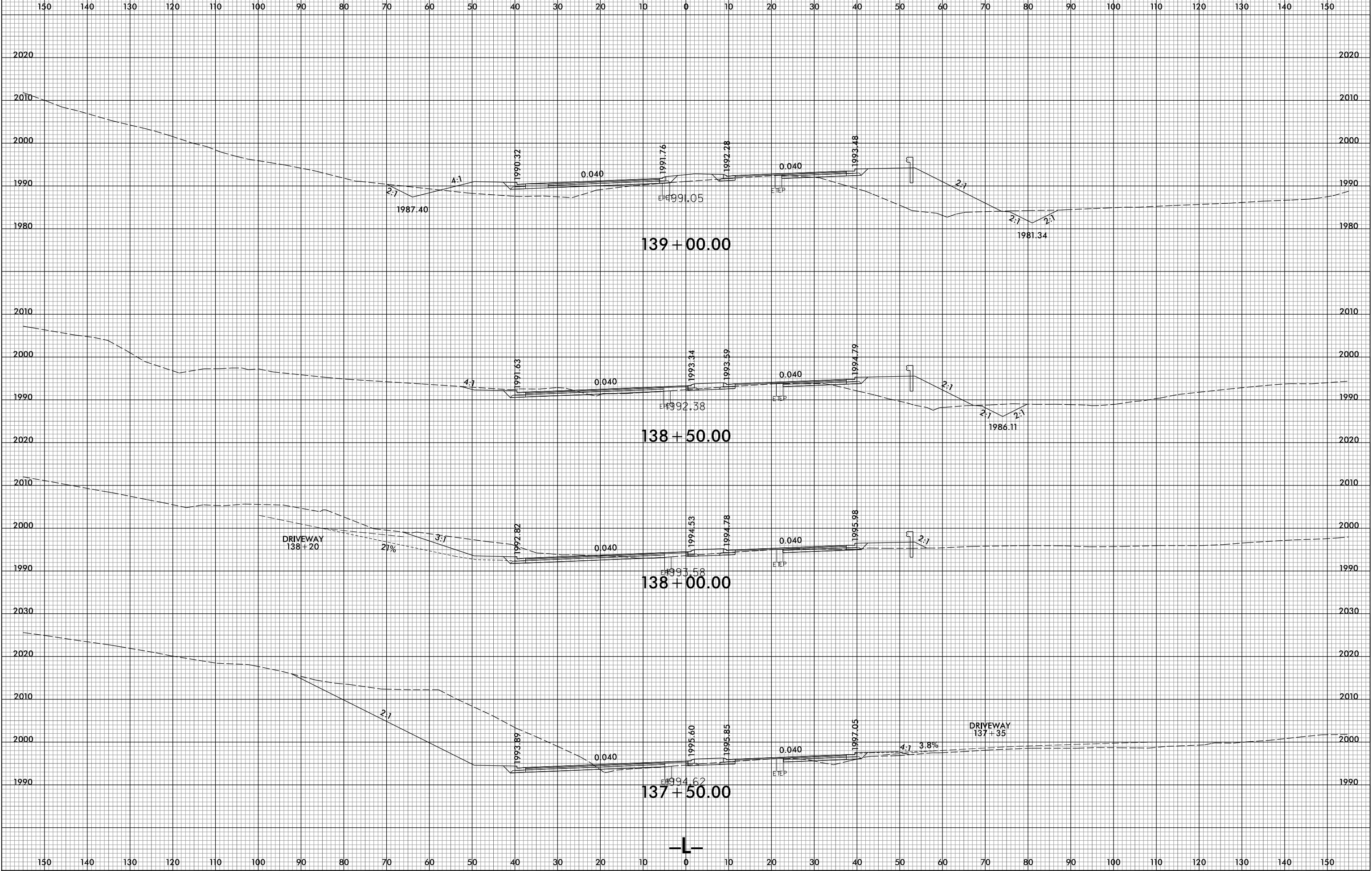


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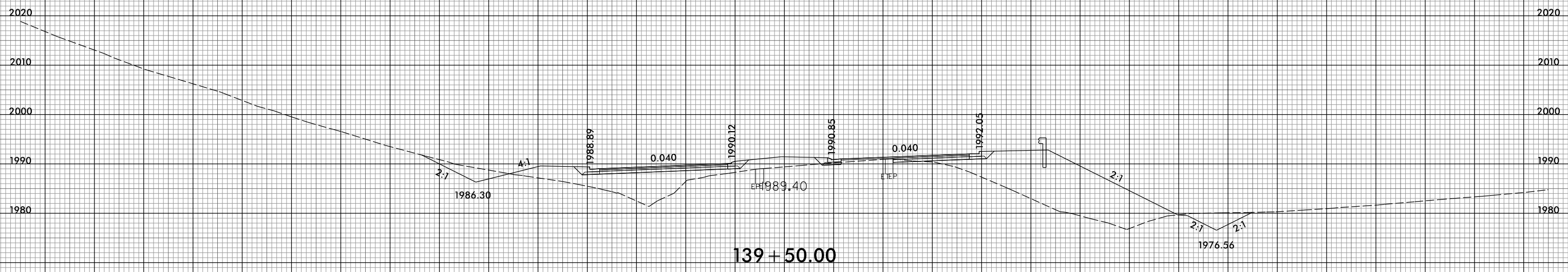
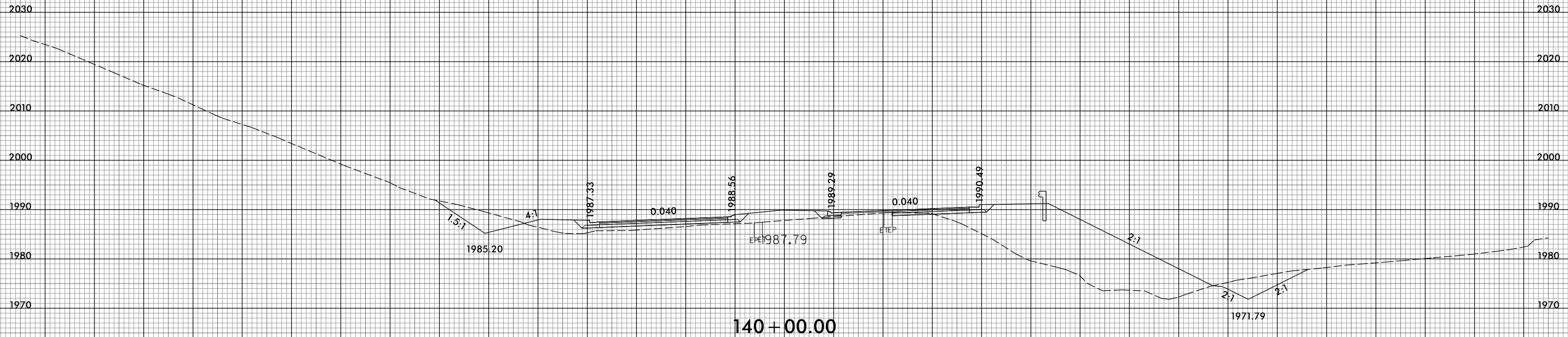
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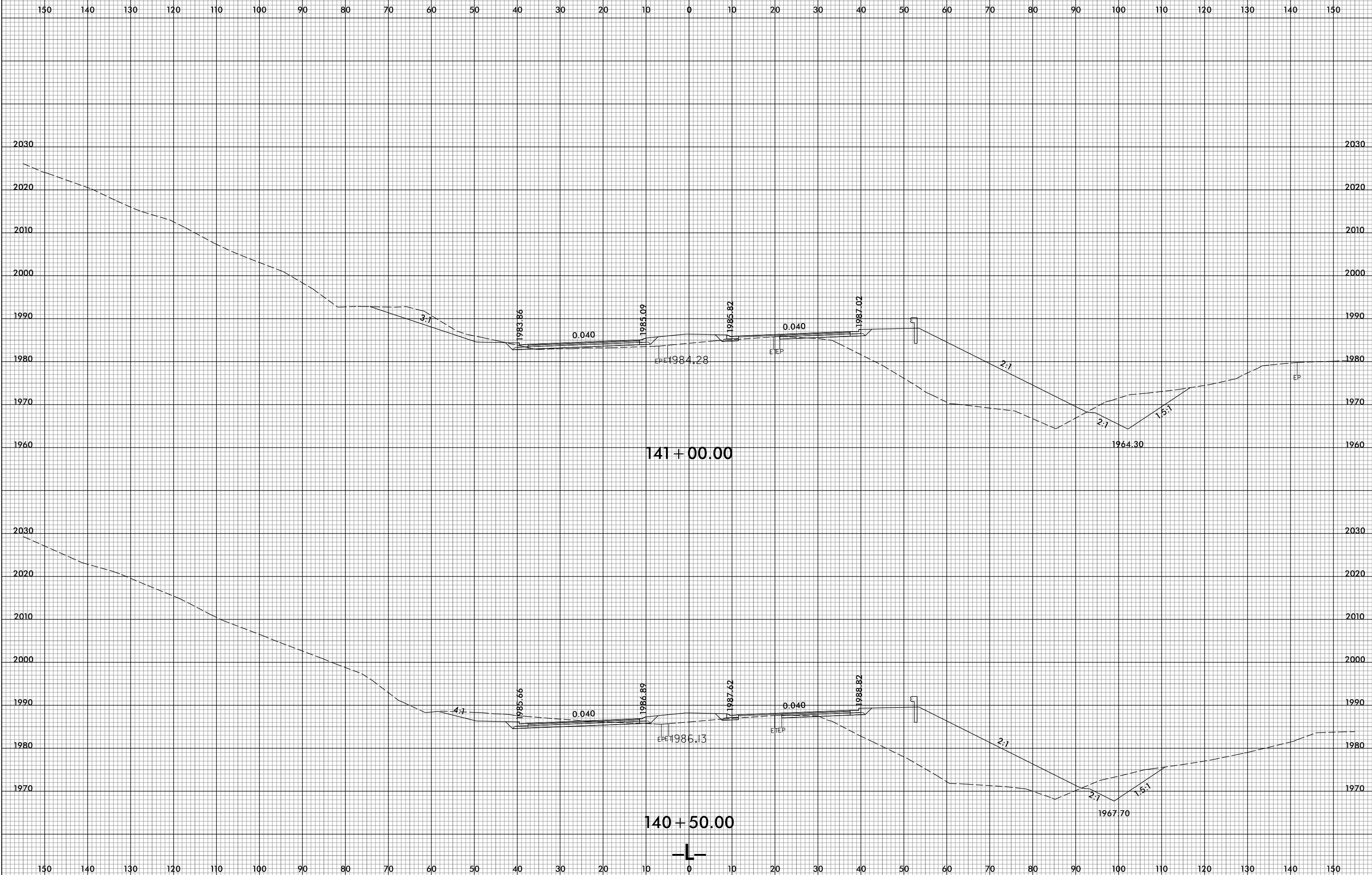


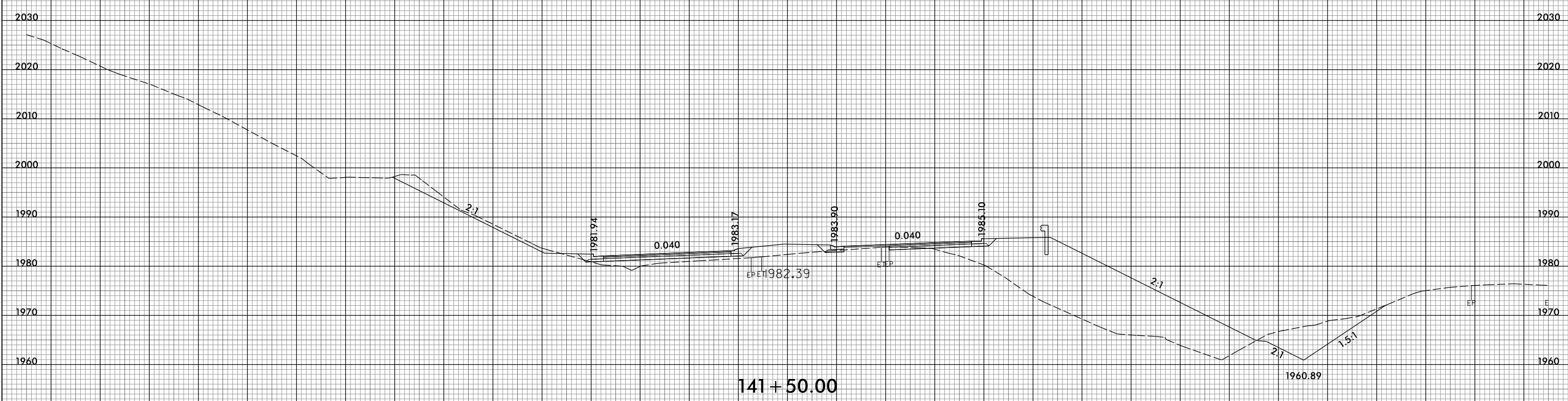
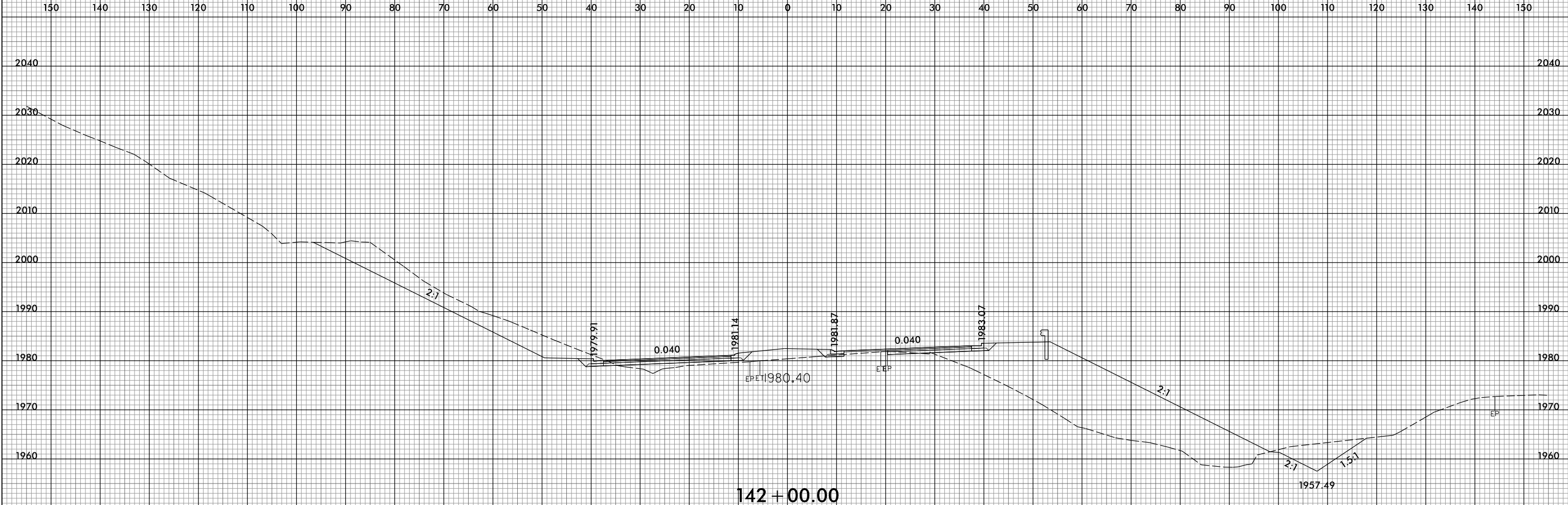


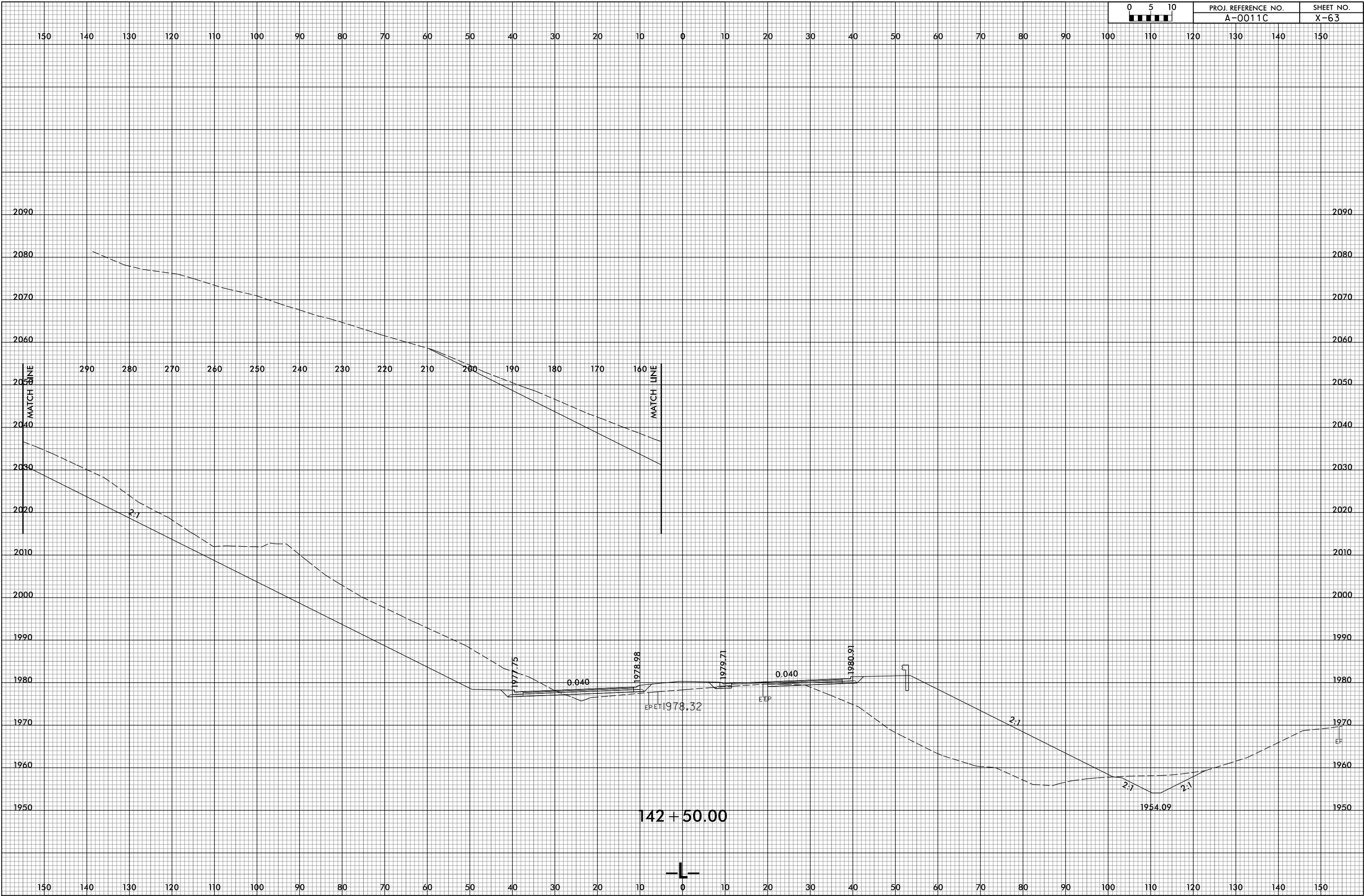
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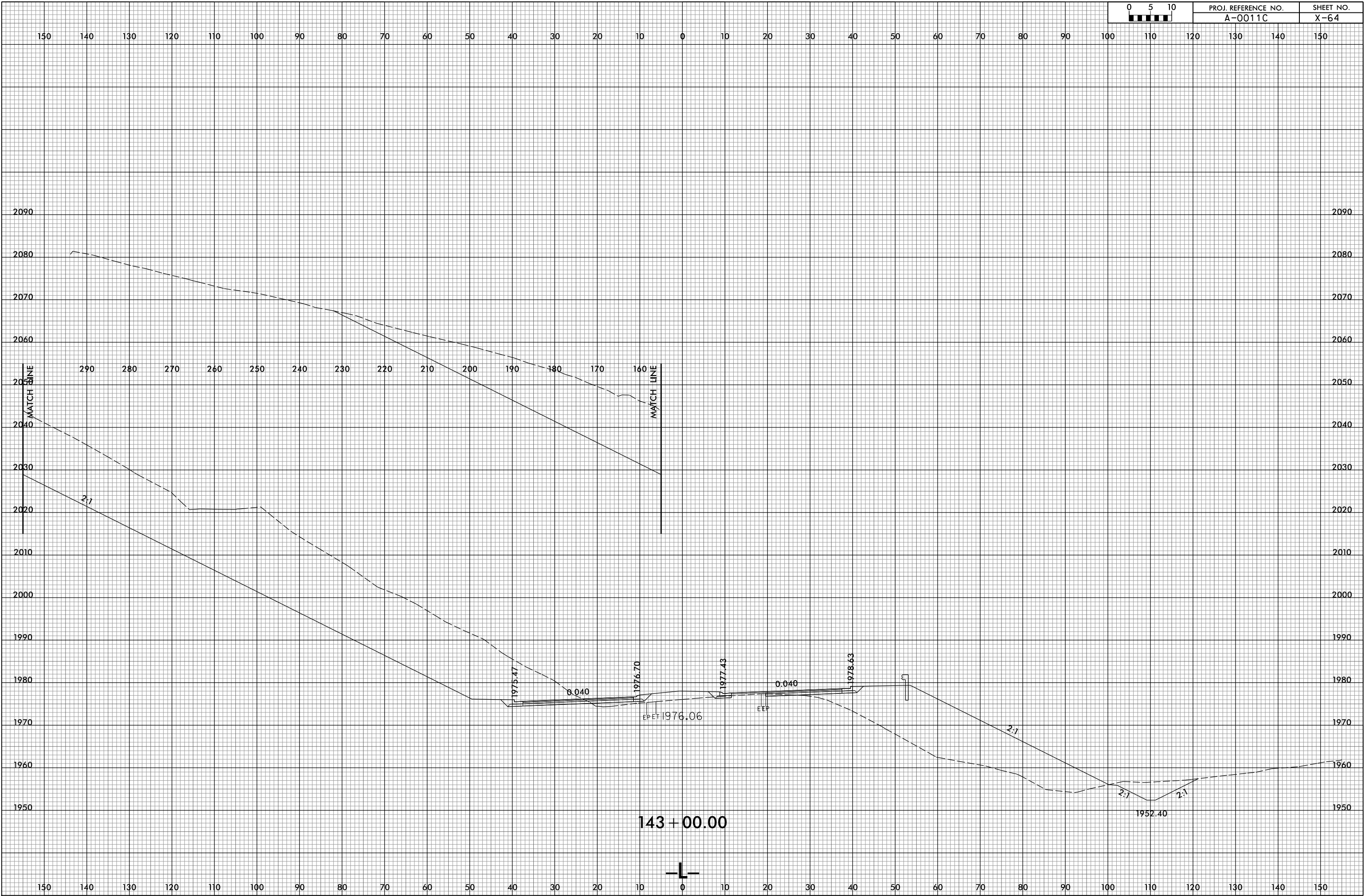






142 + 50.00





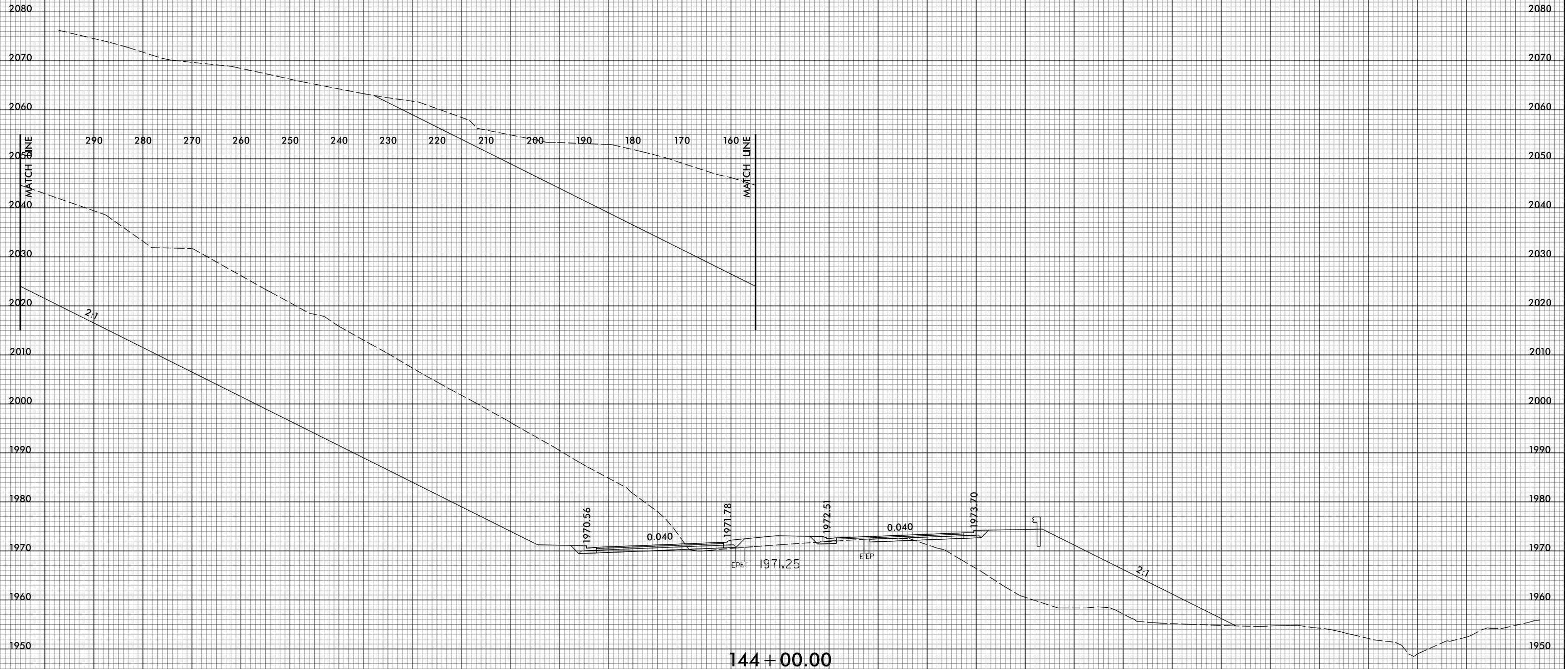


143 + 50.00





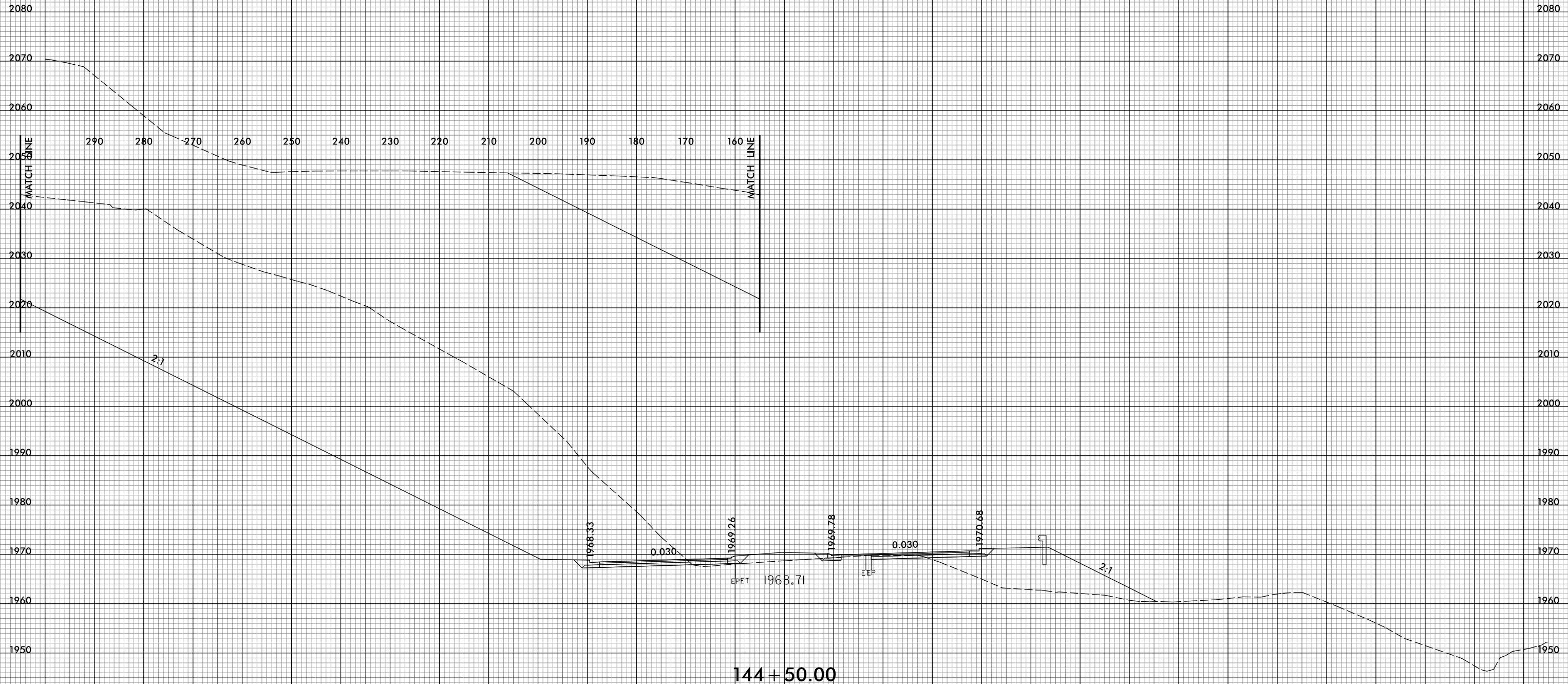
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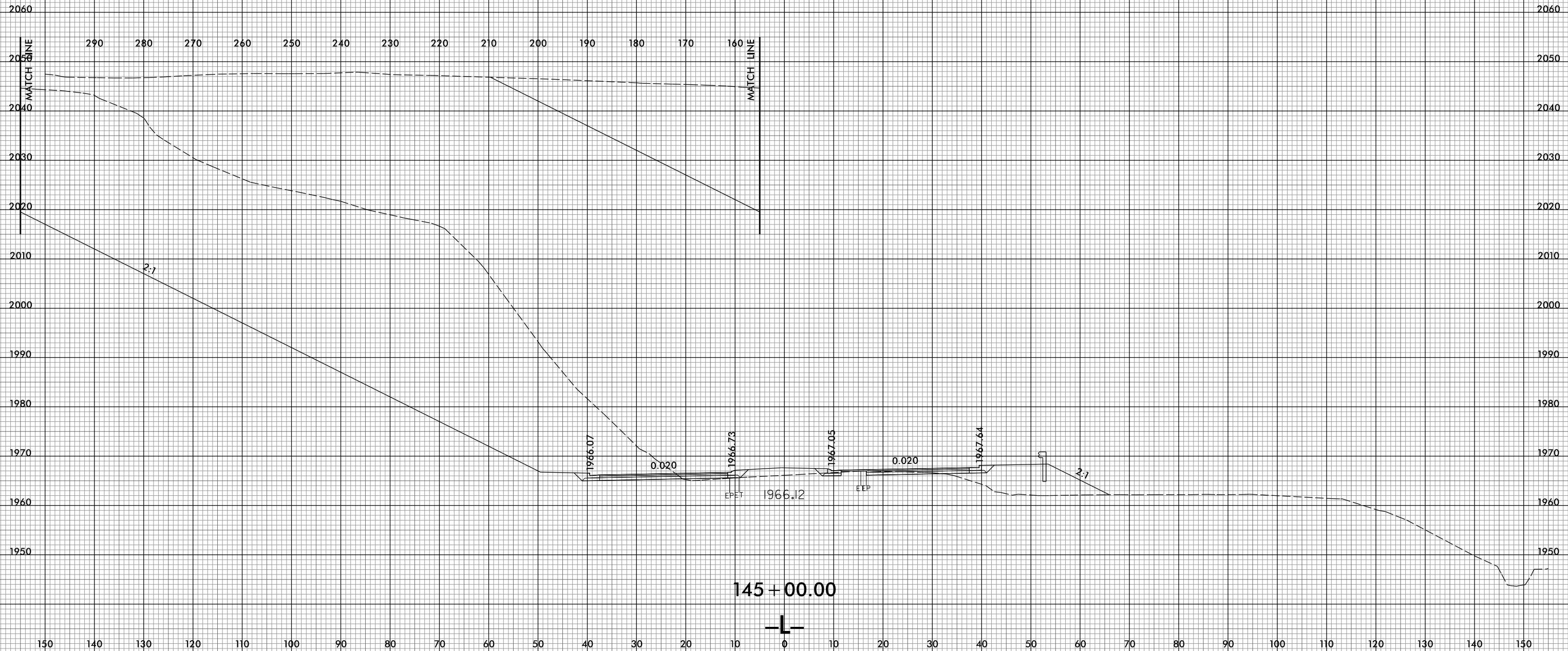


144 + 50.00



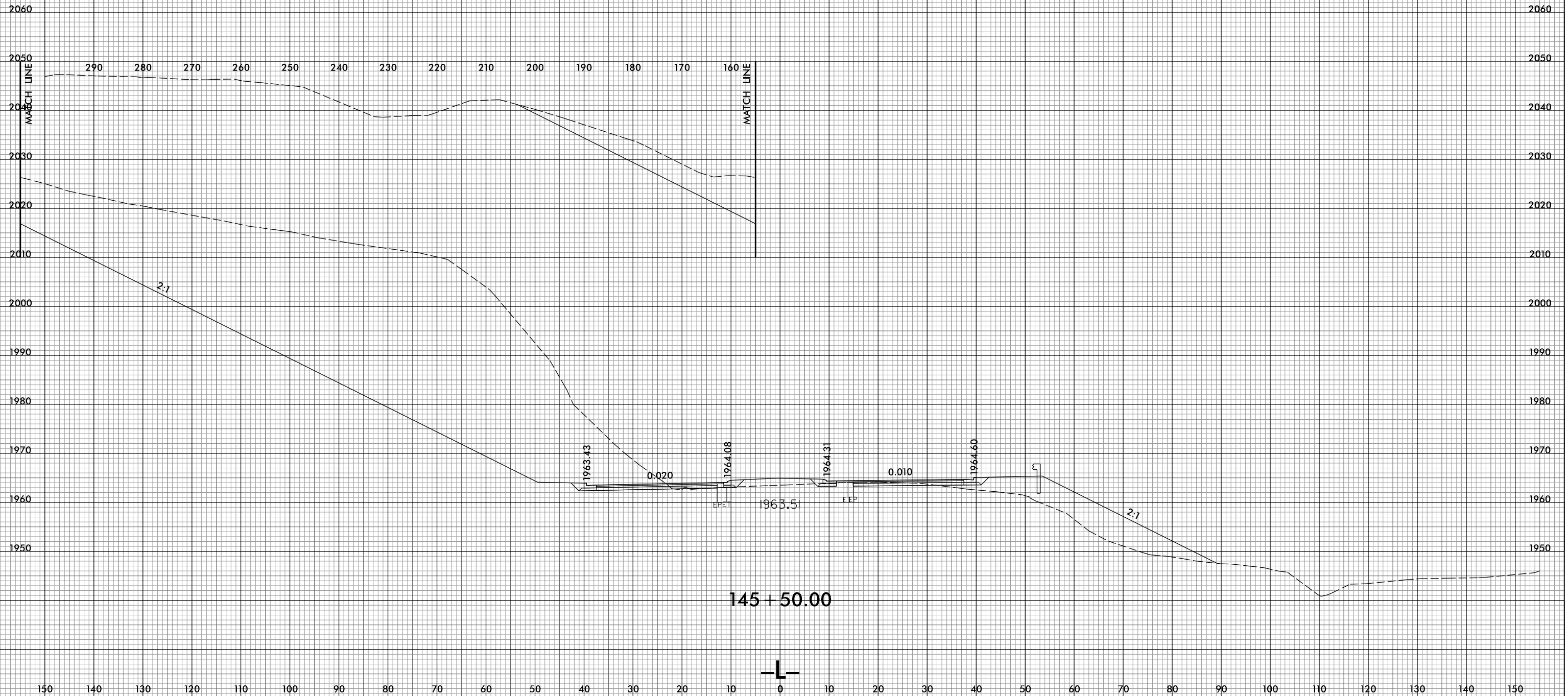


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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

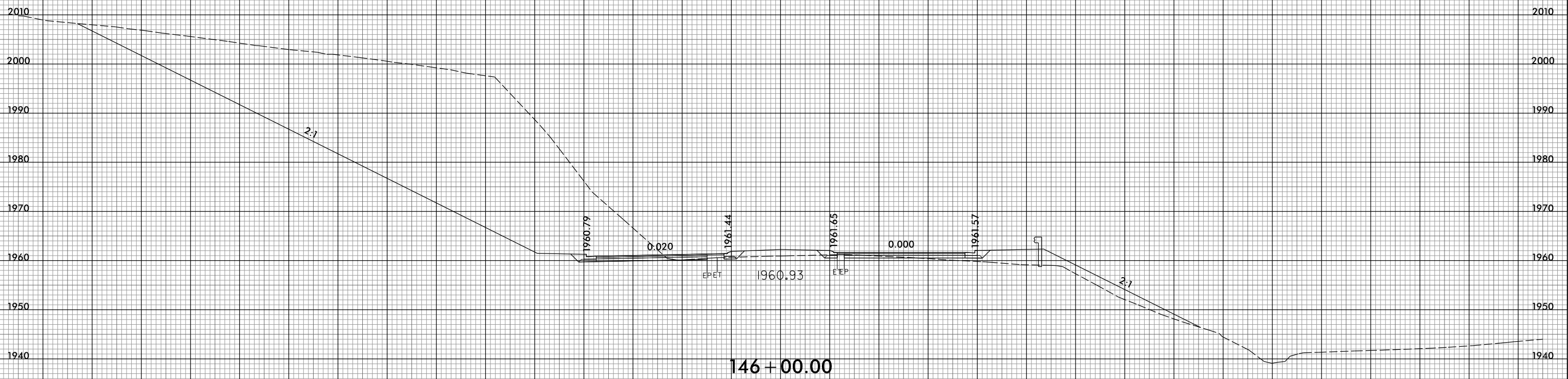
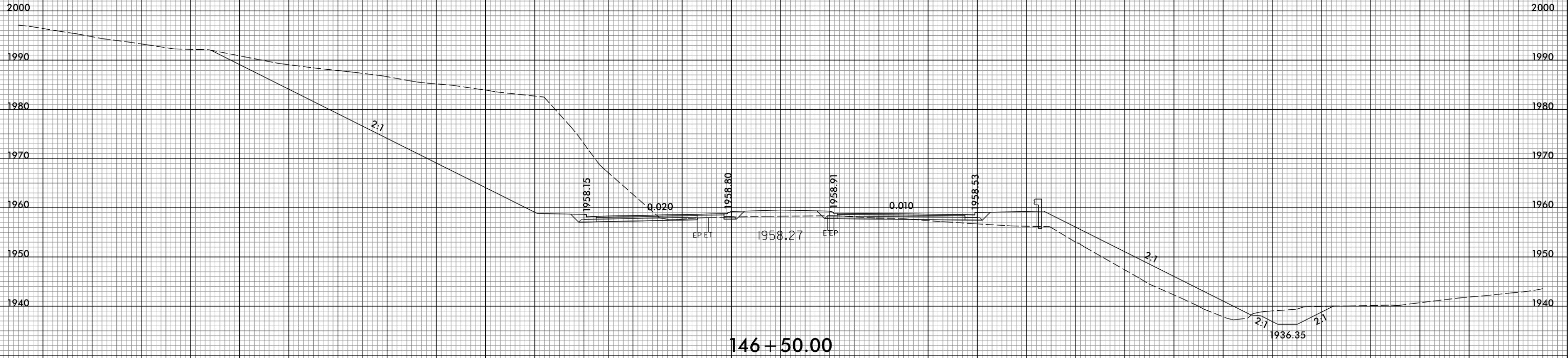


145 + 50.00



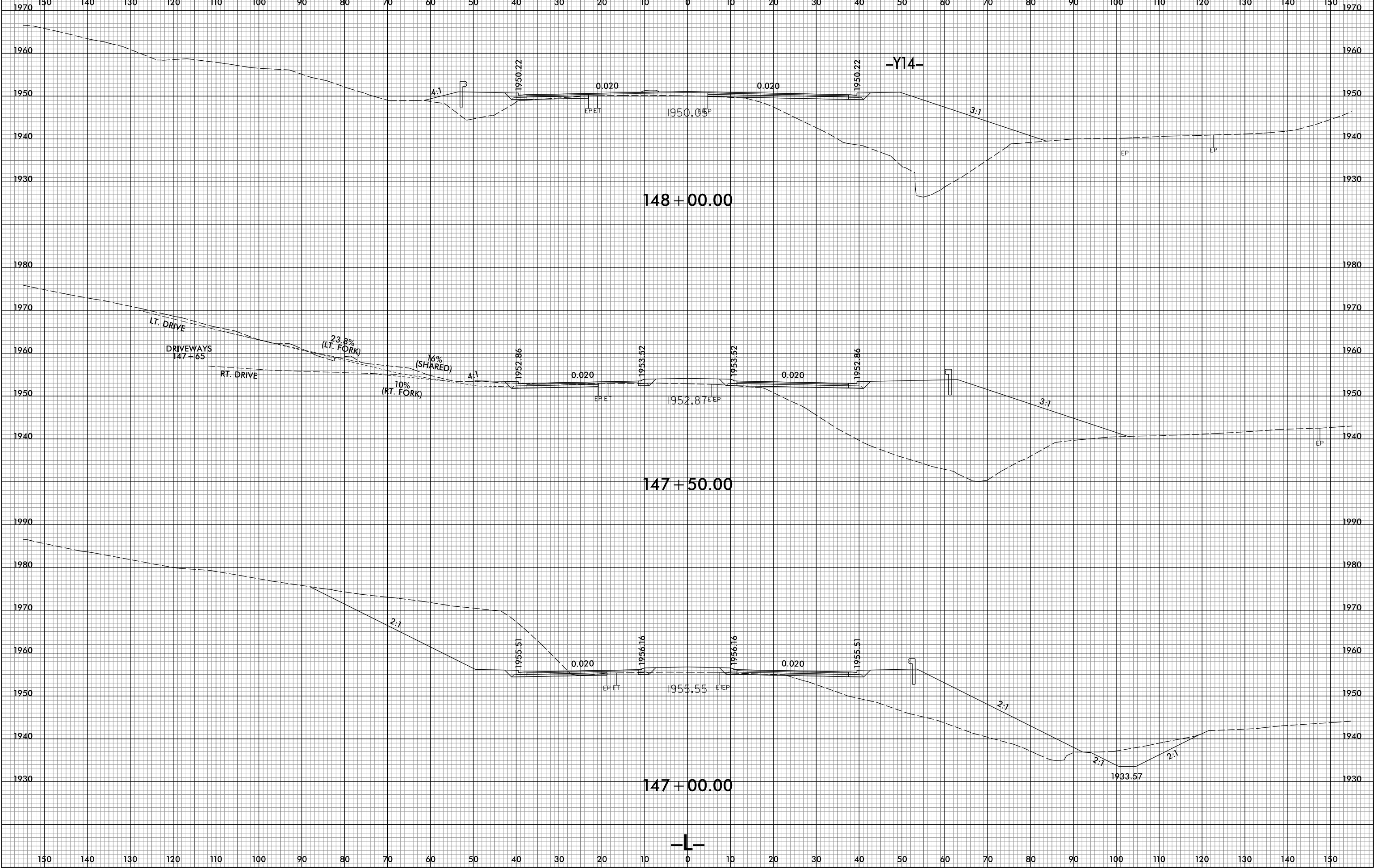


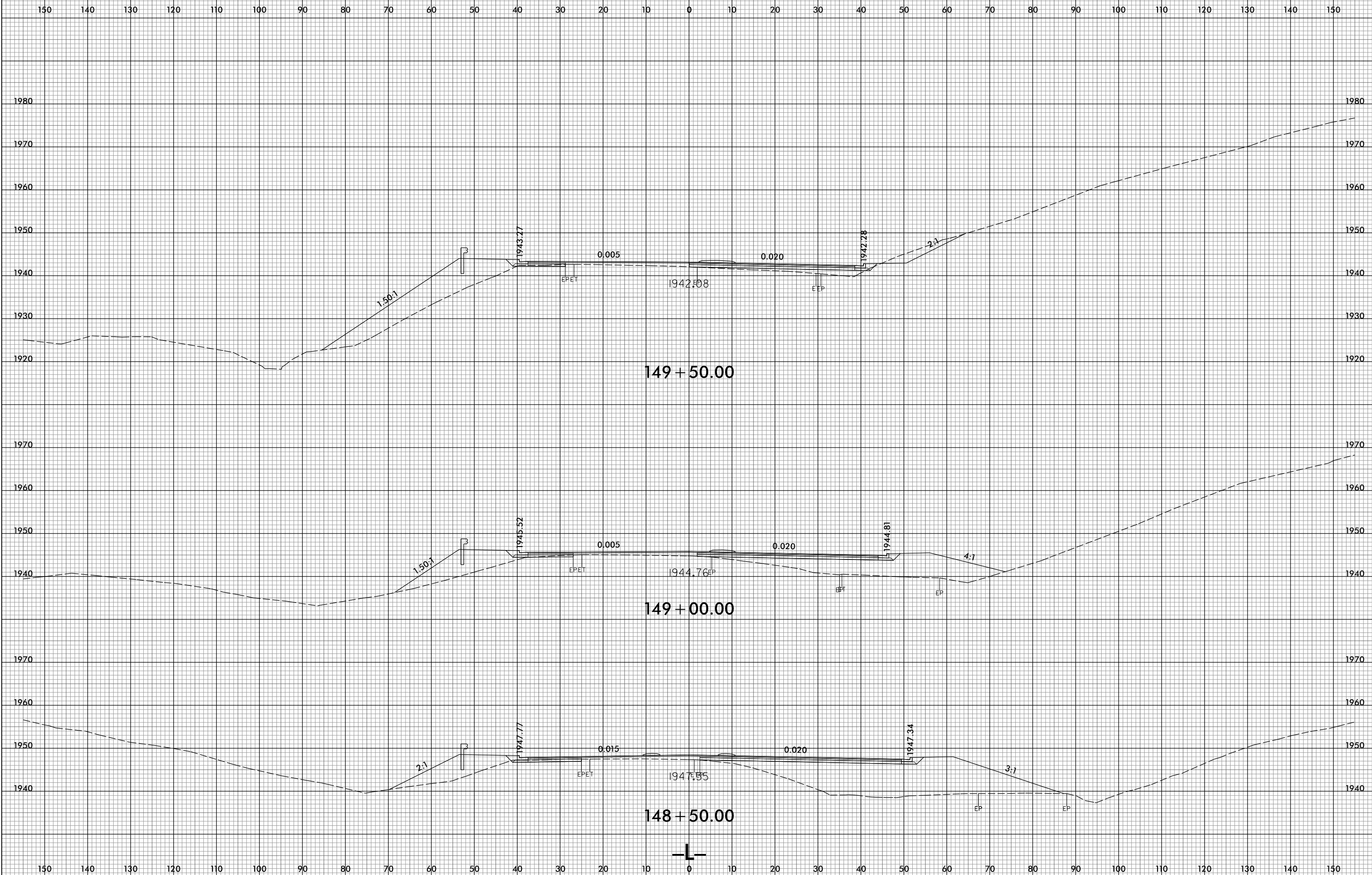
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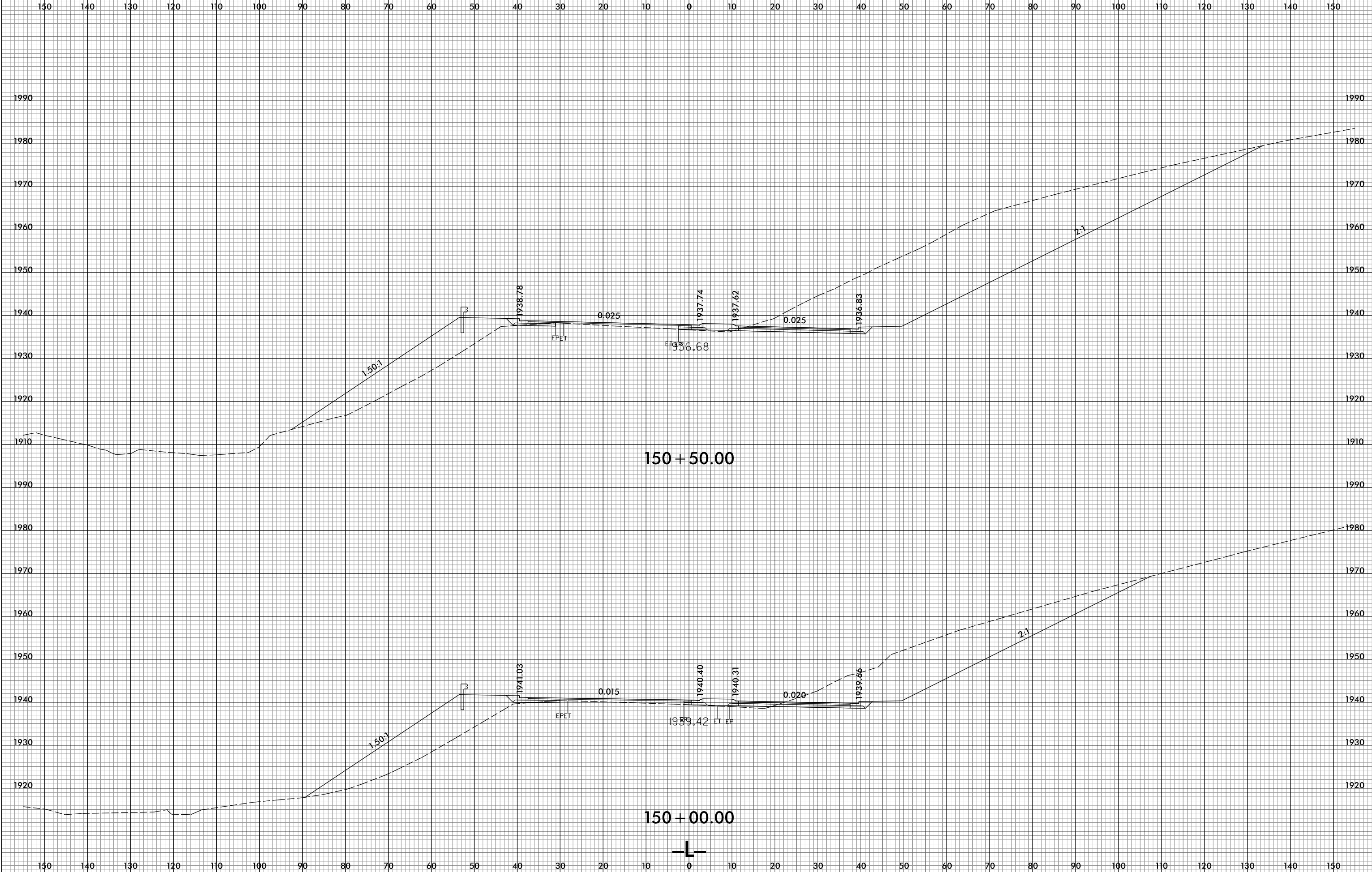


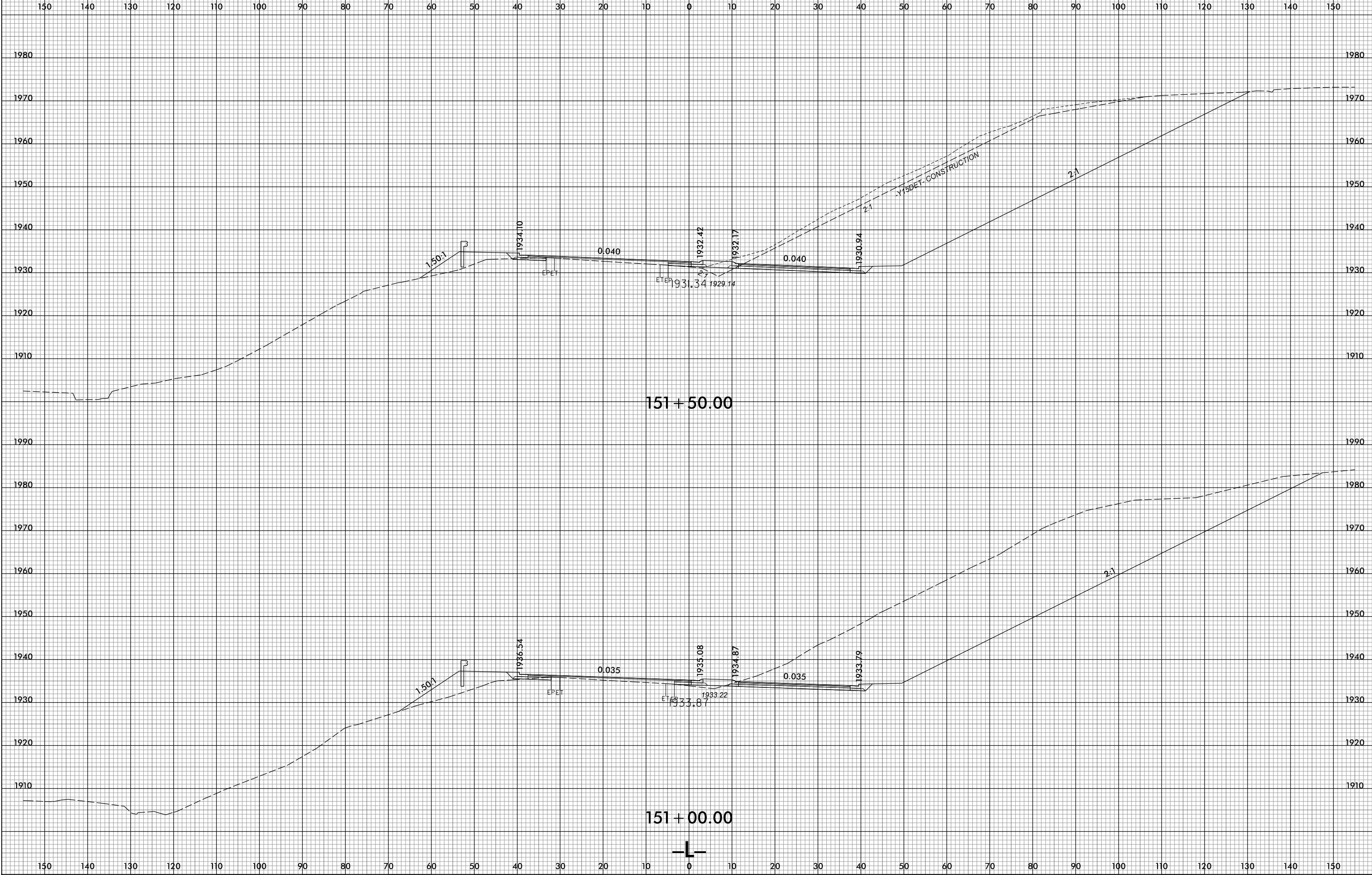
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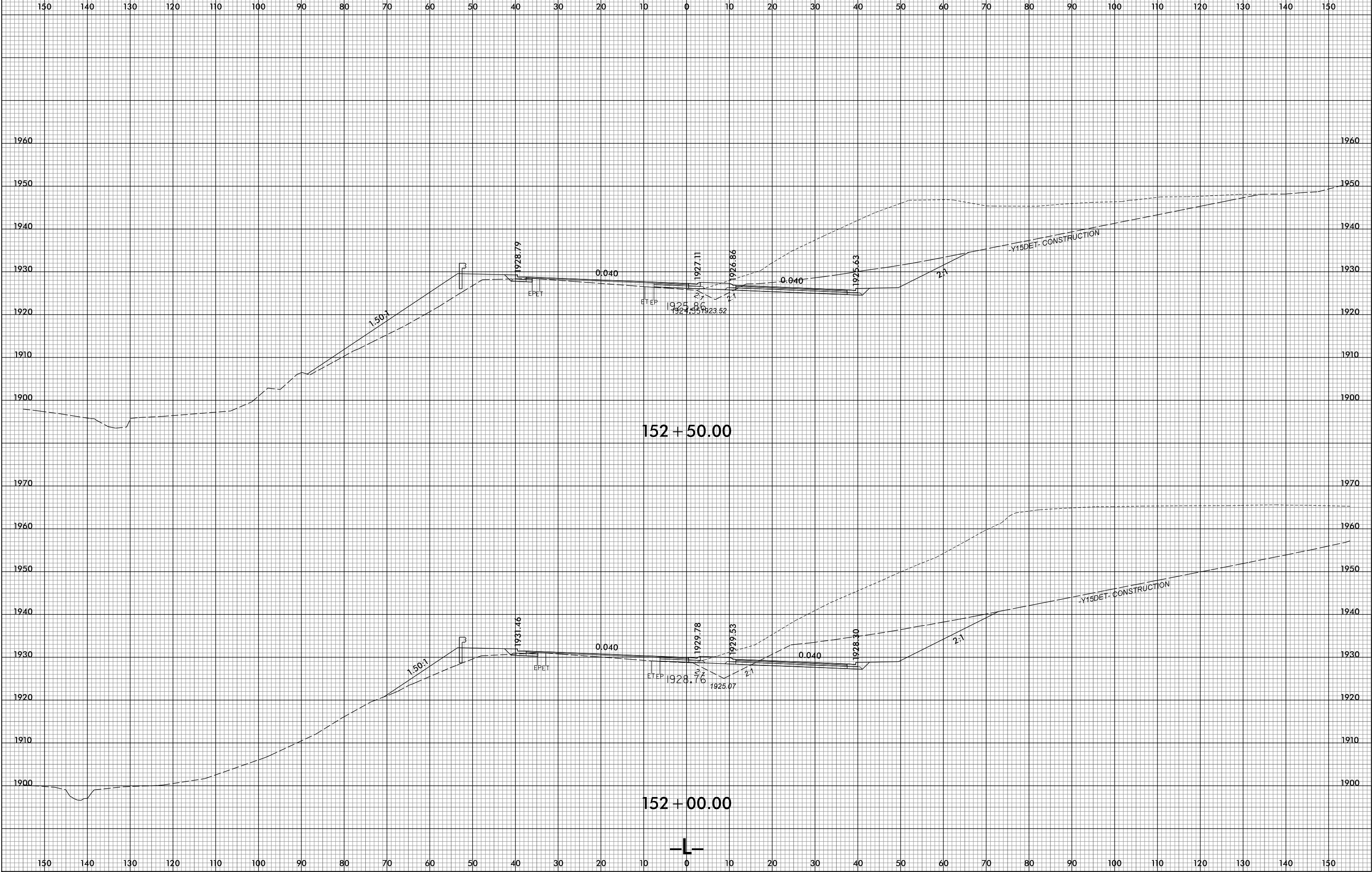


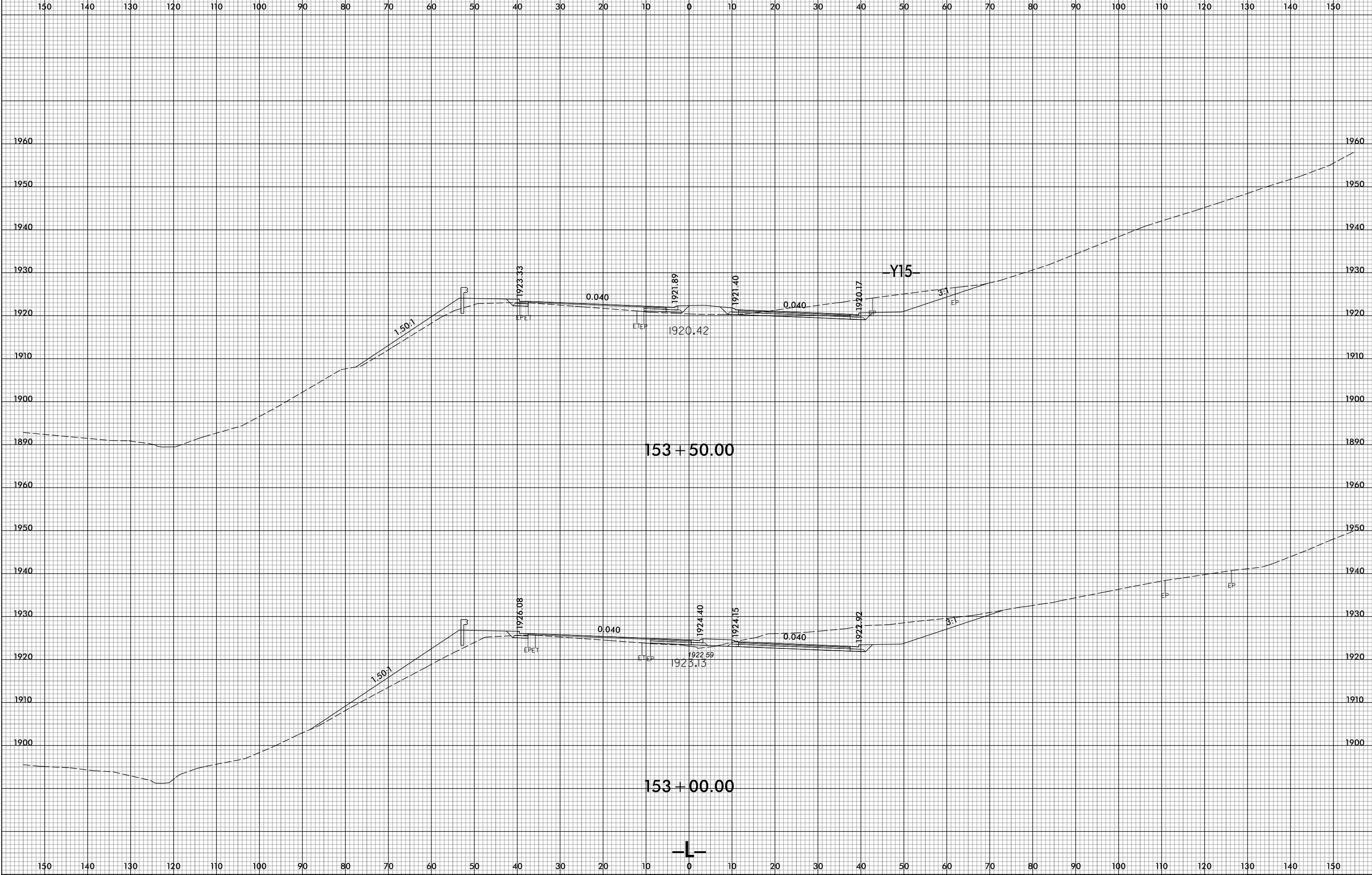


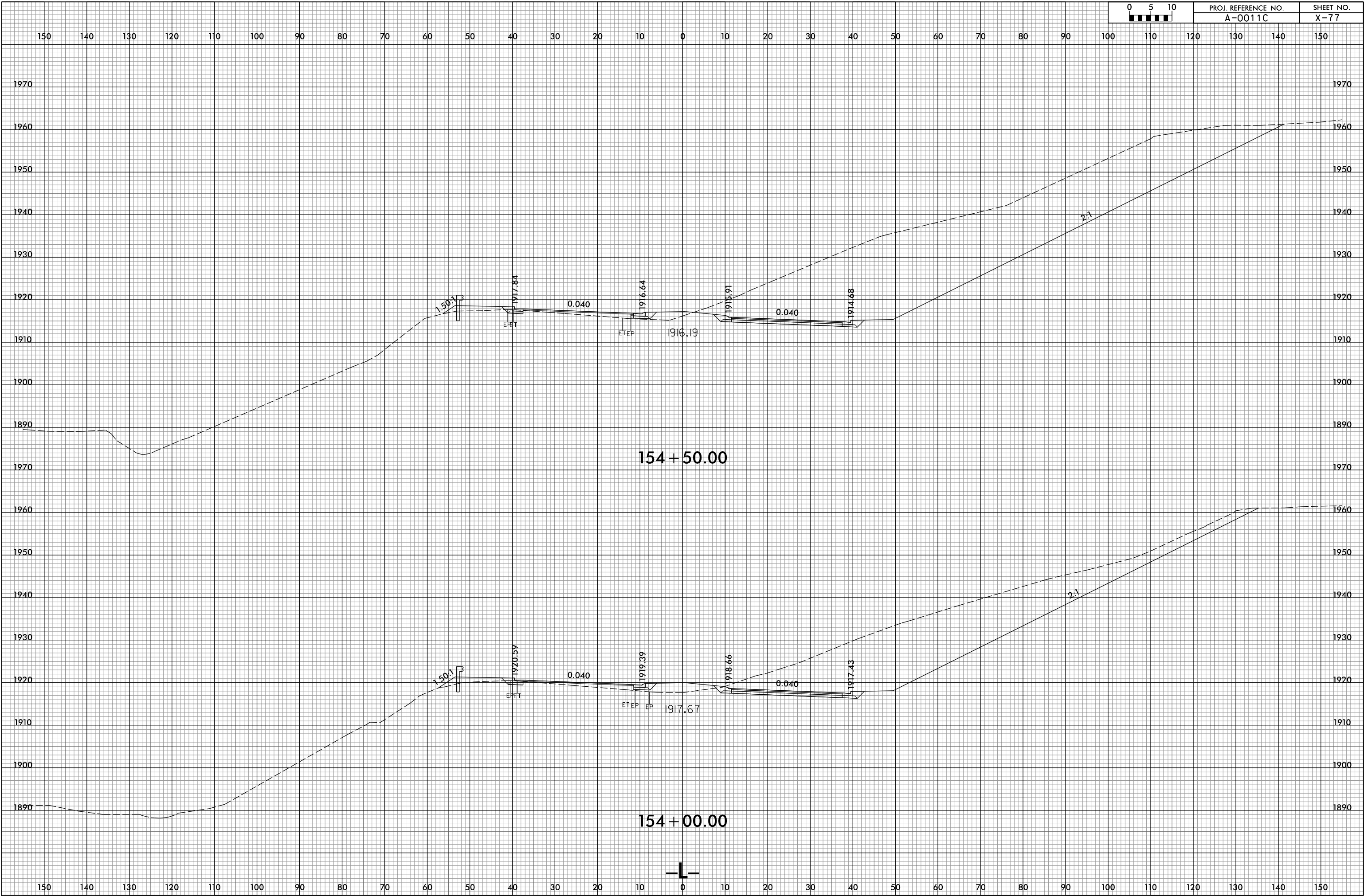






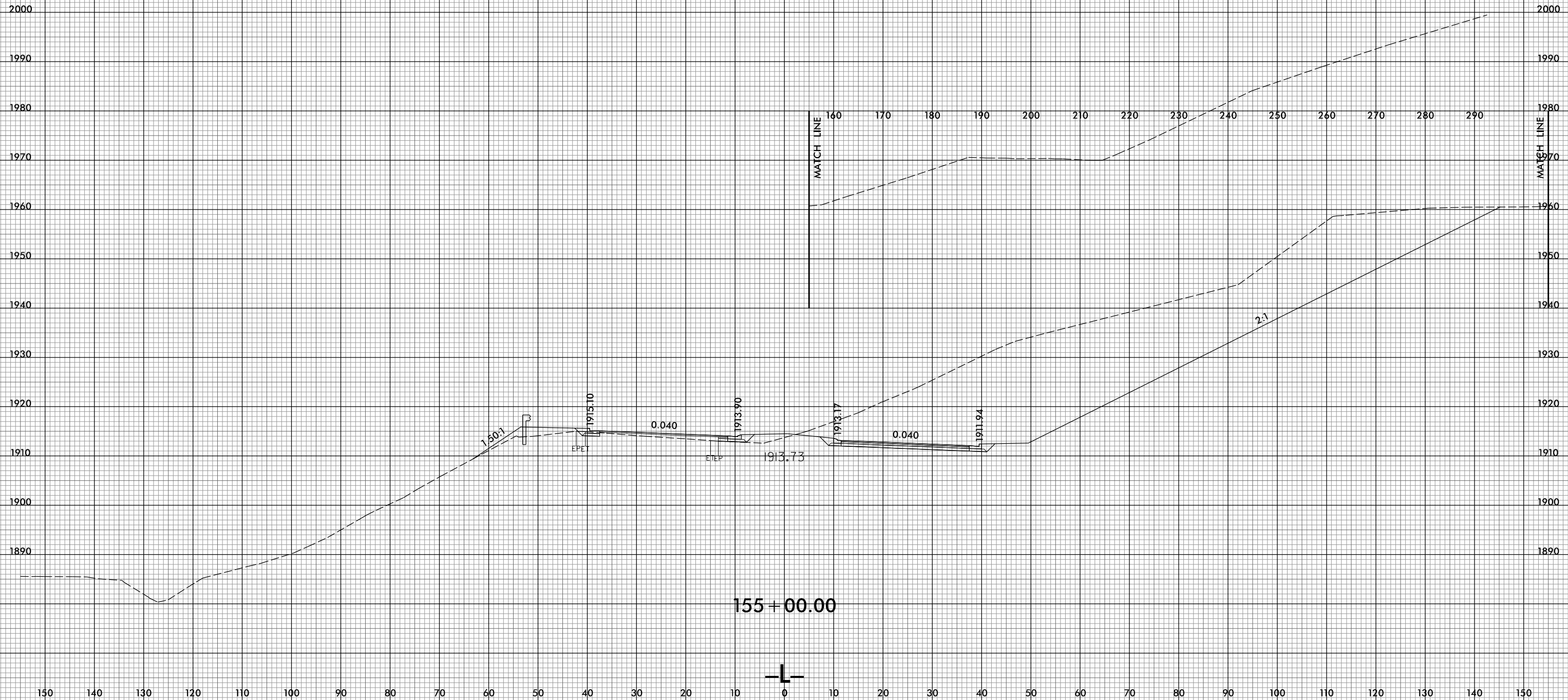








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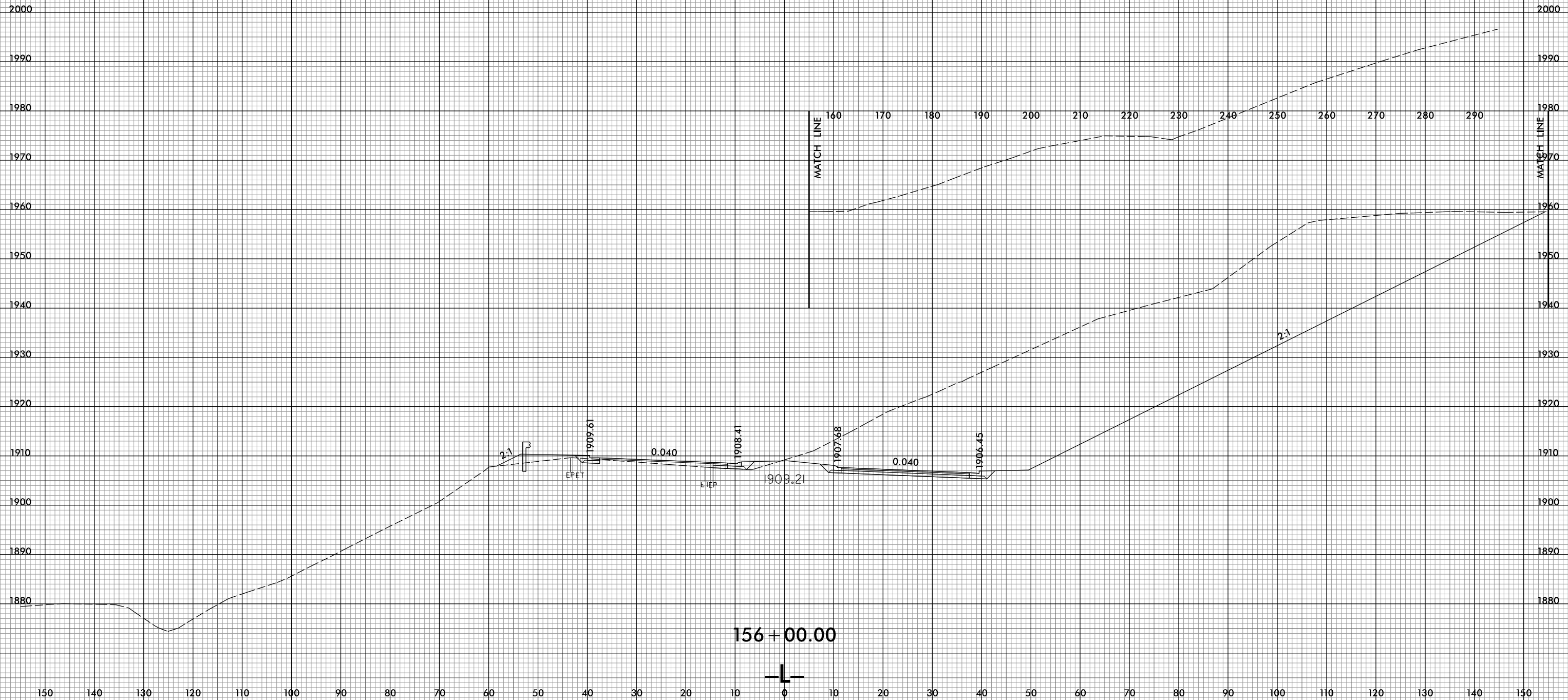


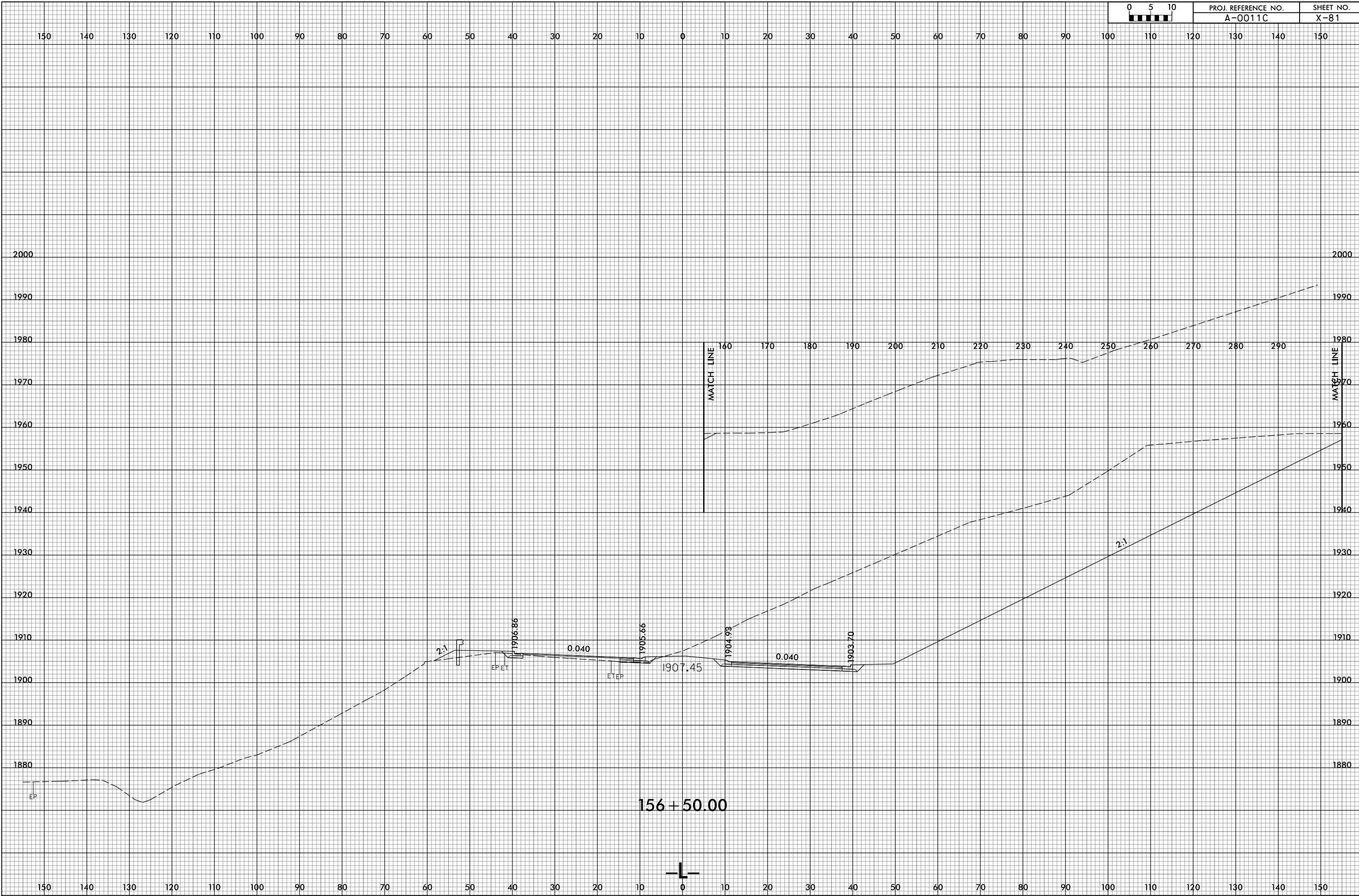
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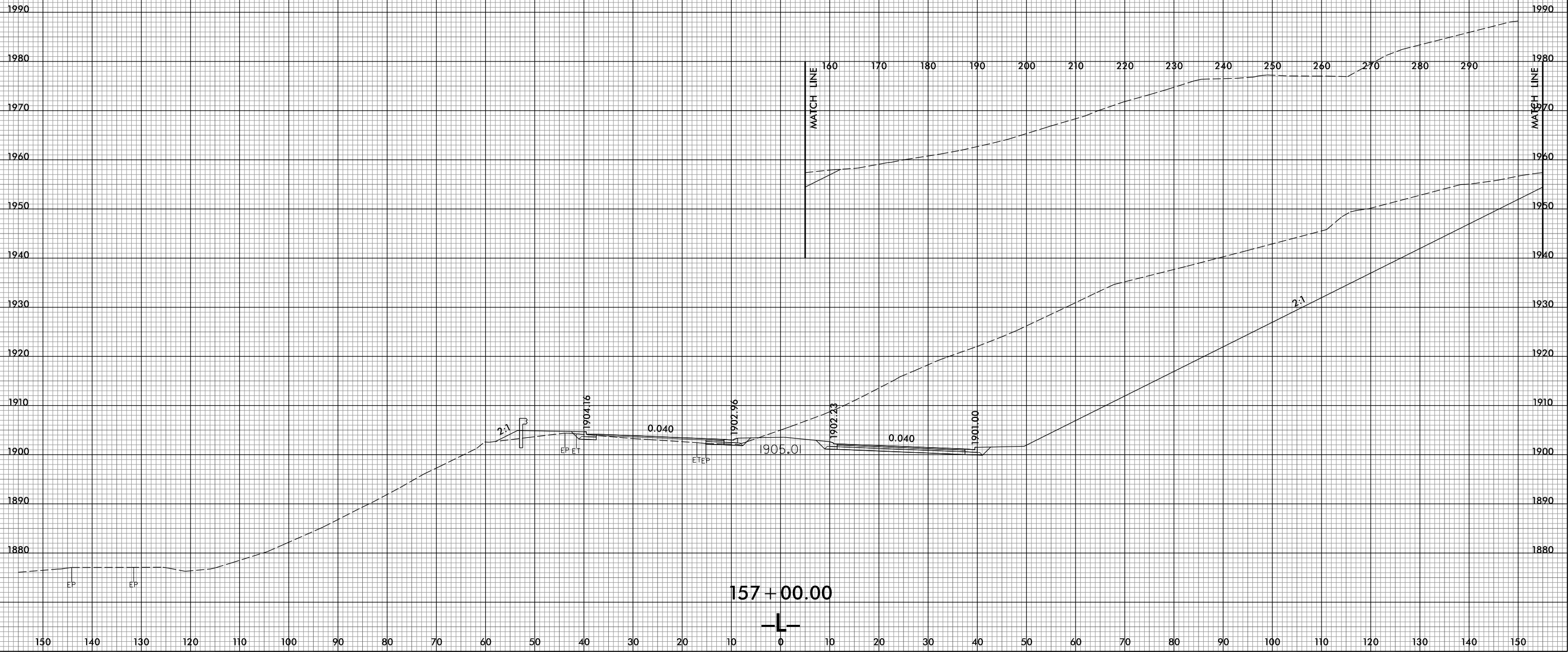


156 + 50.00



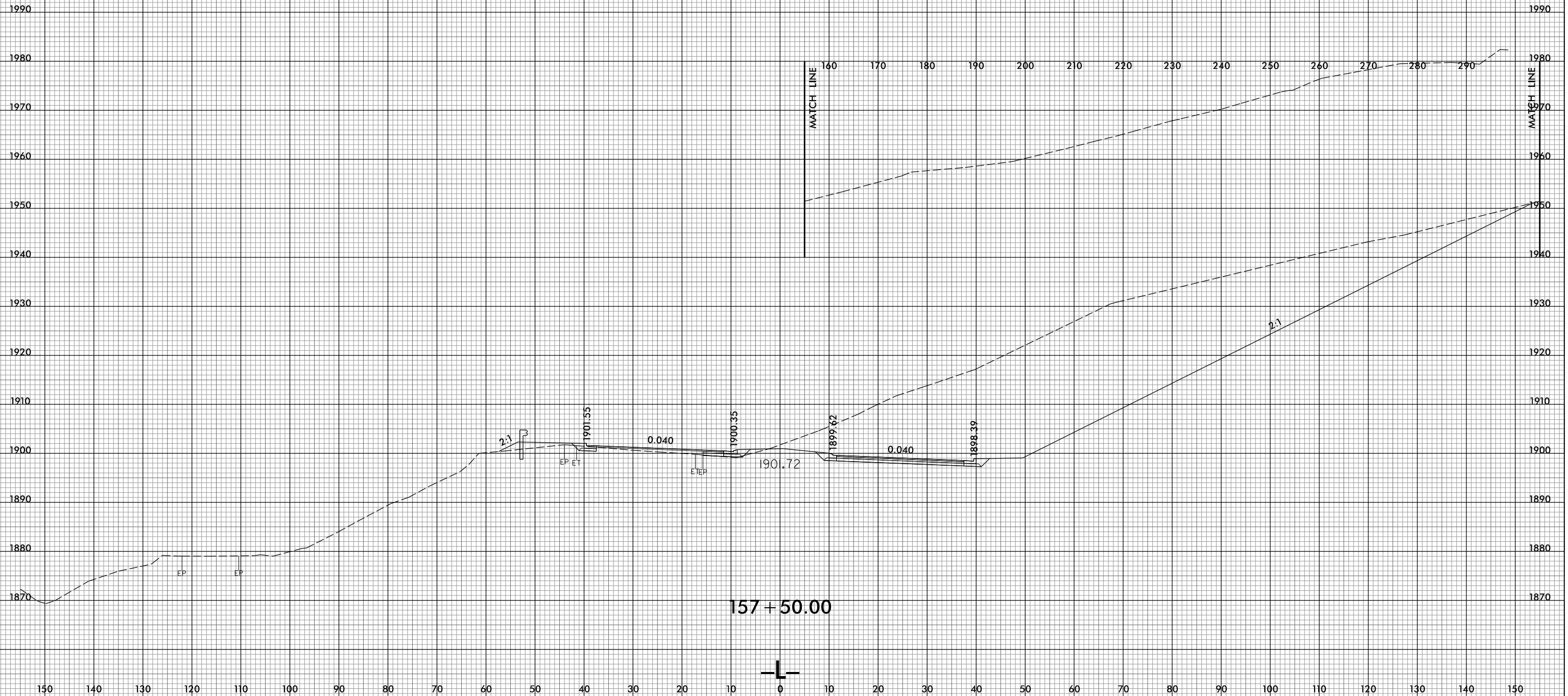


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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

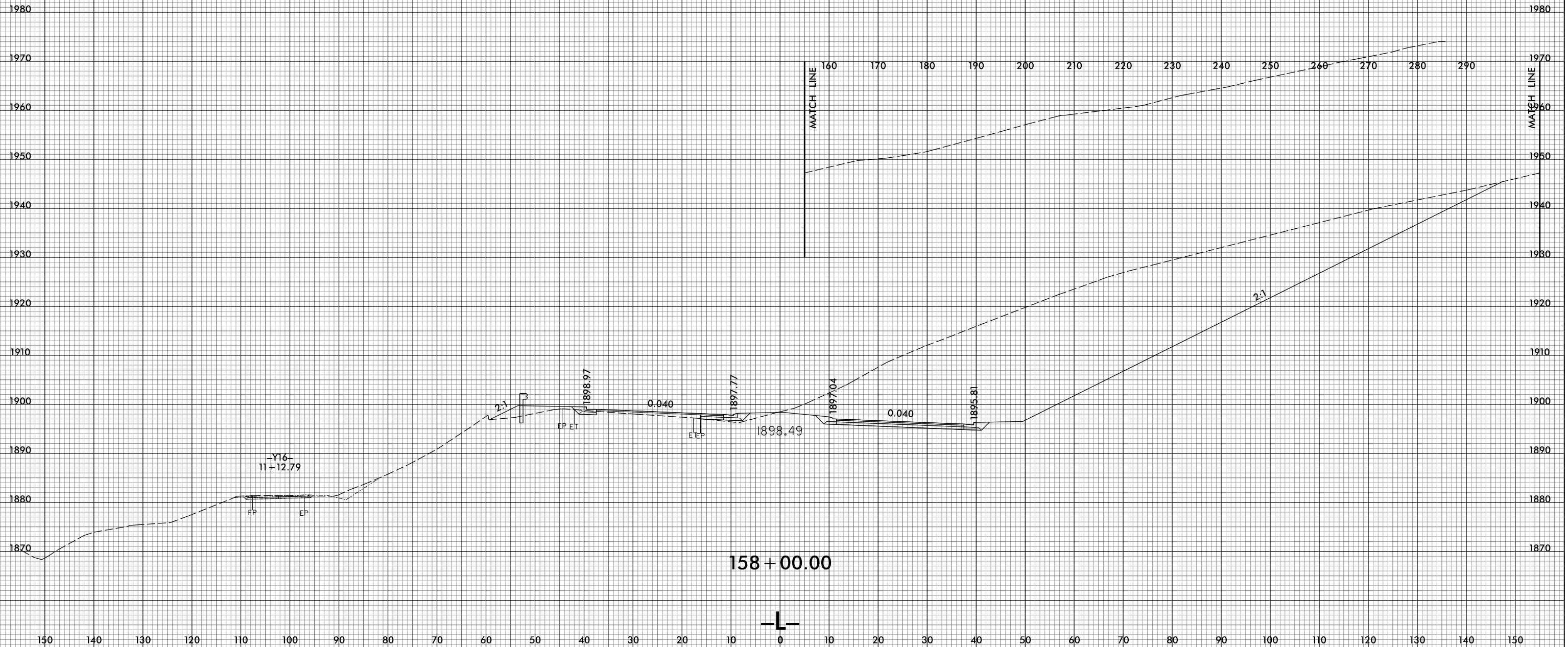


157 + 50.00



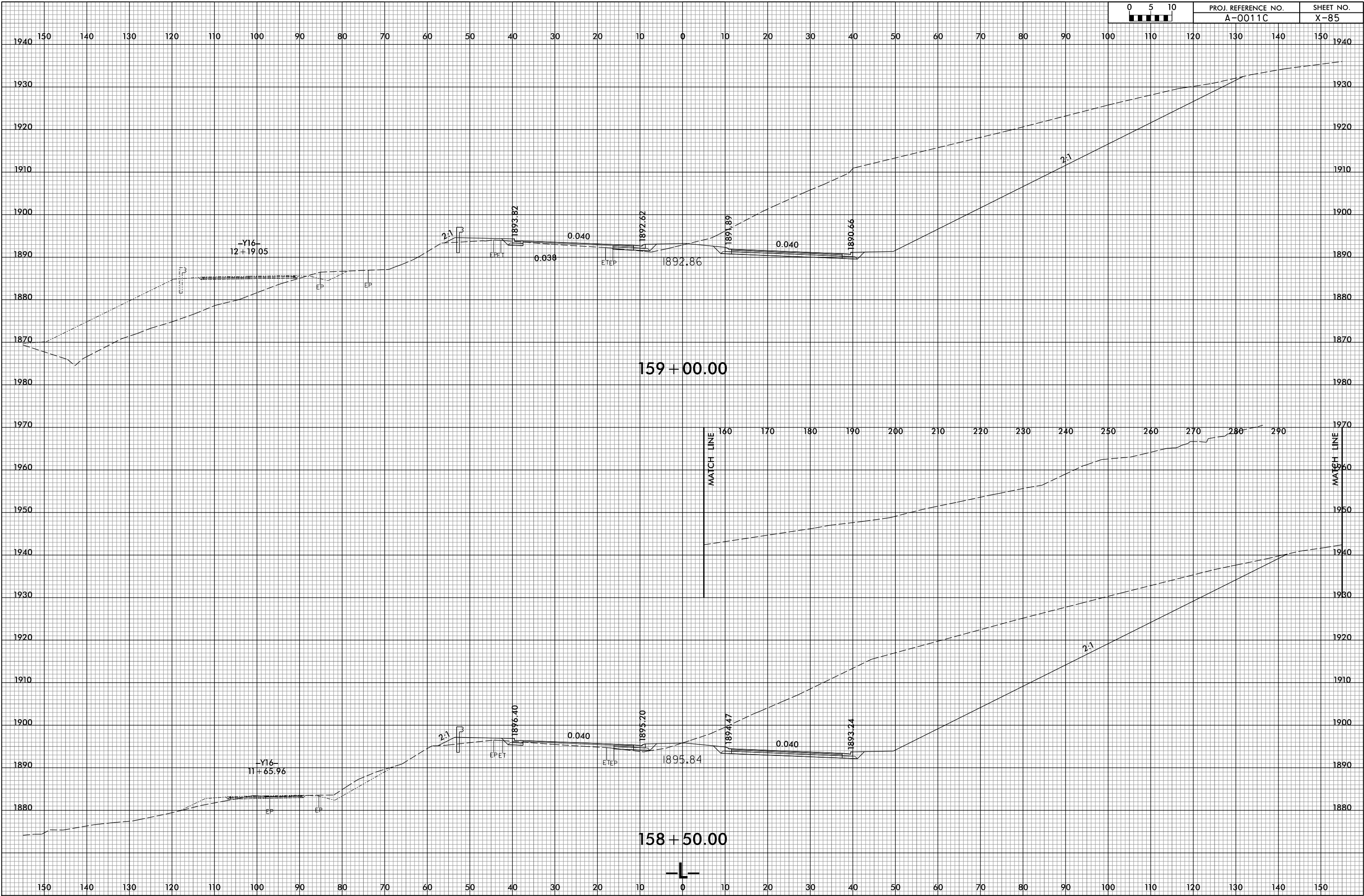


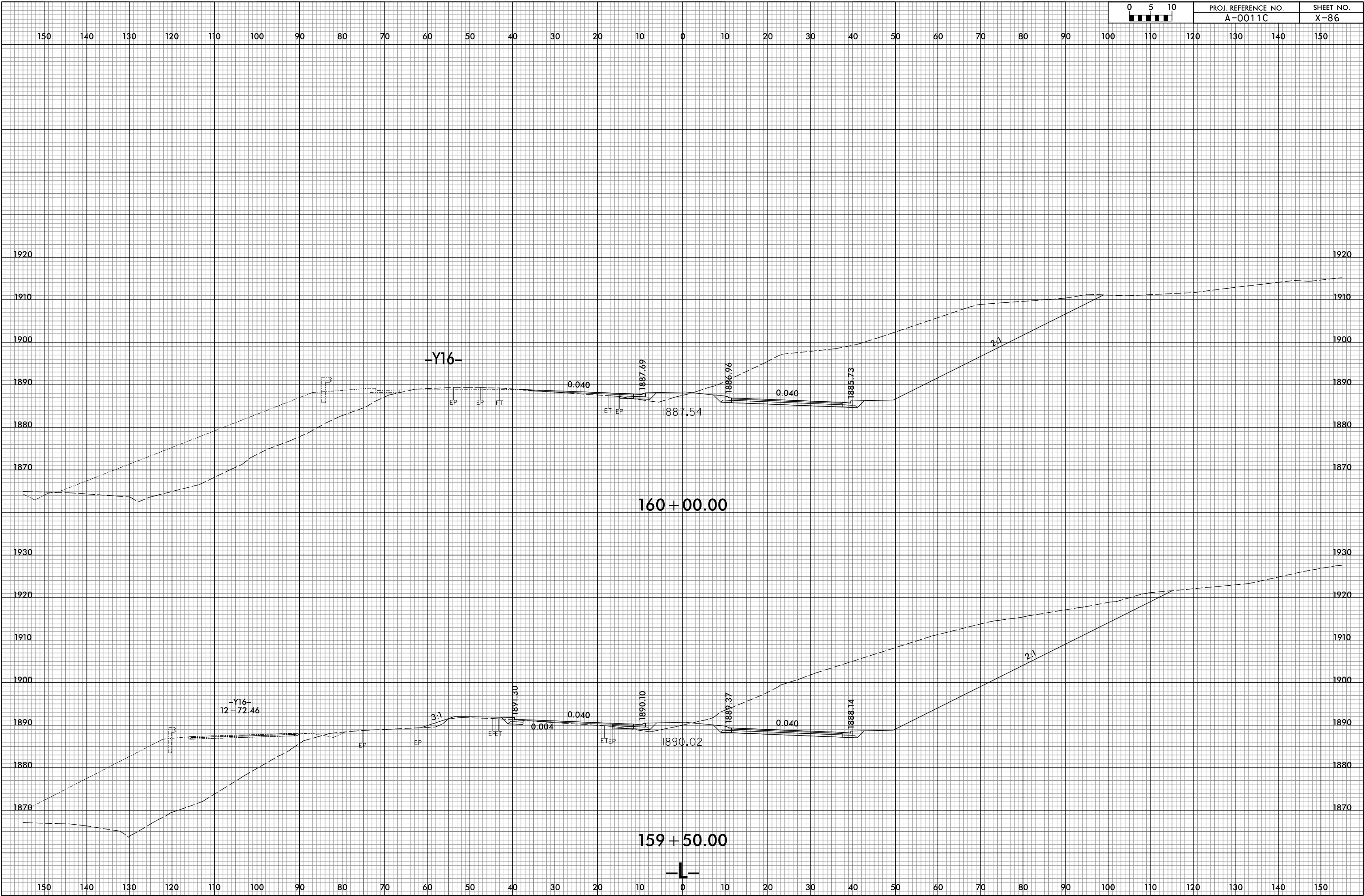
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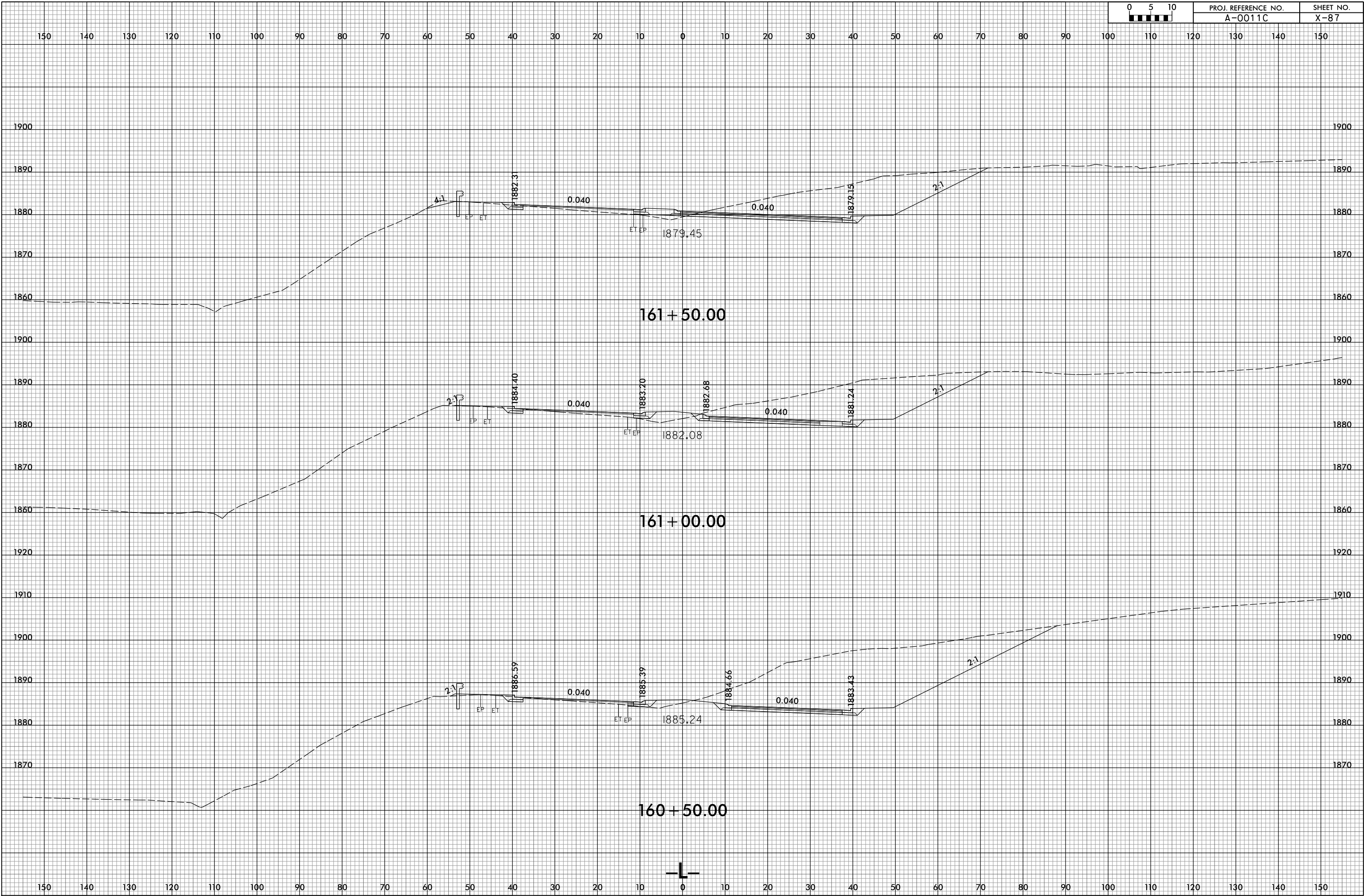


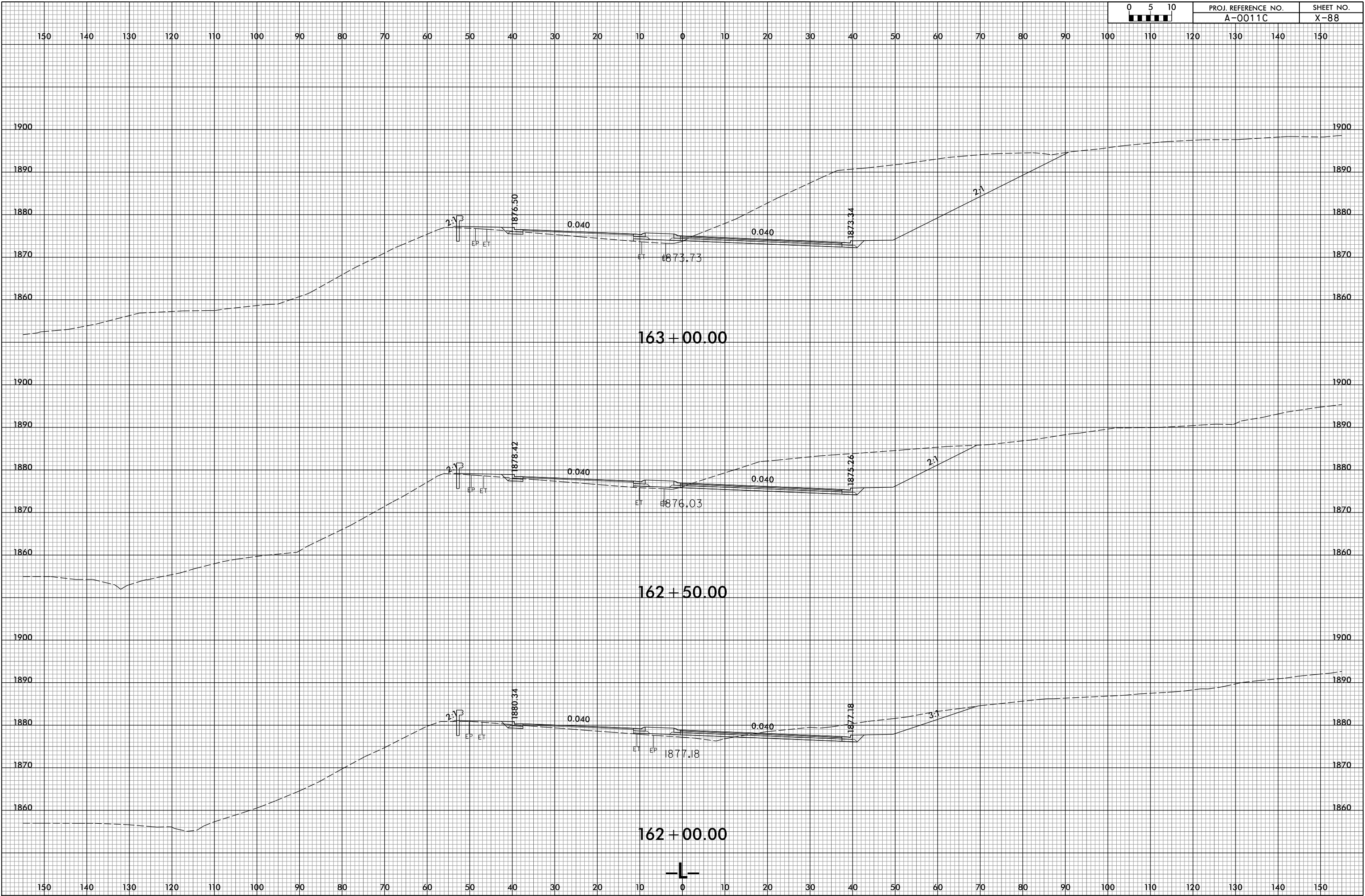
158 + 00.00





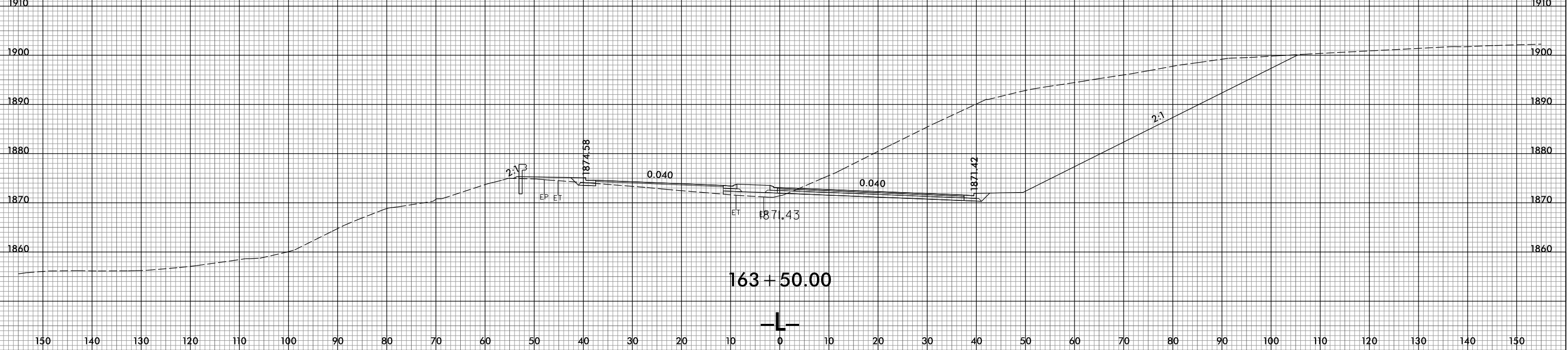
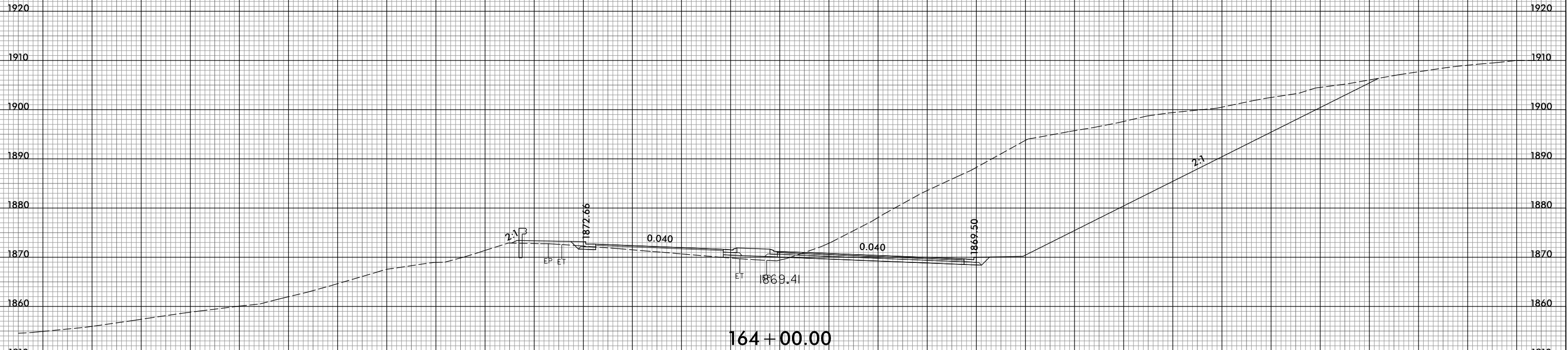








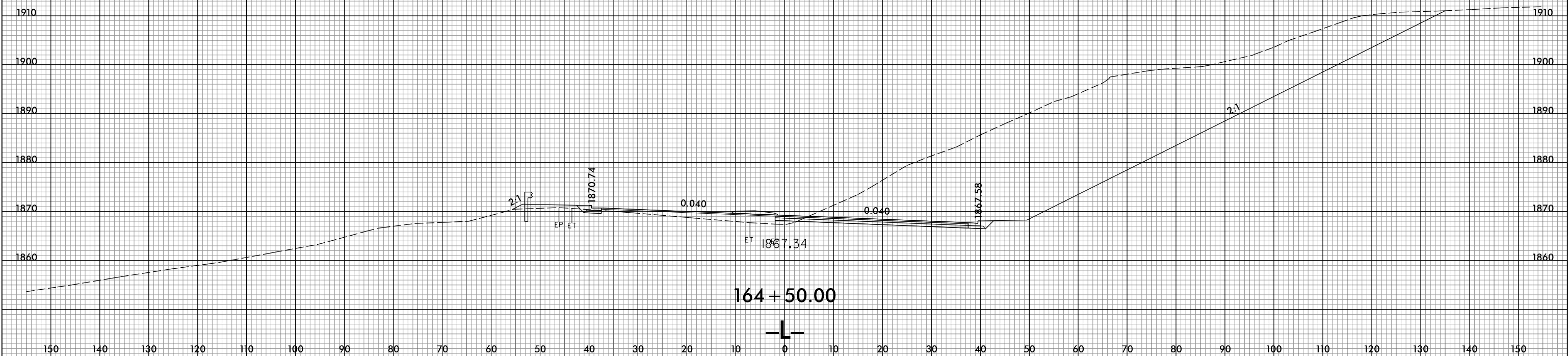
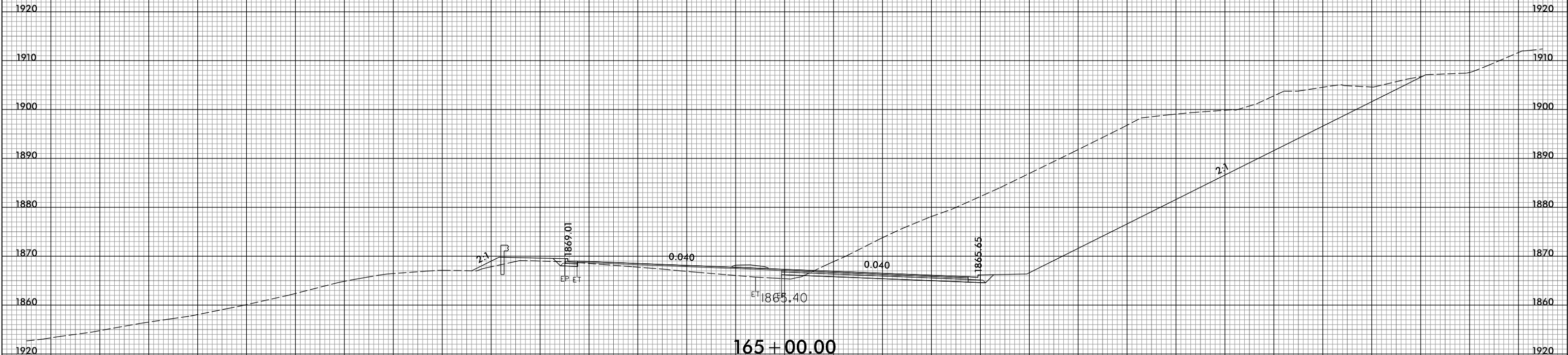
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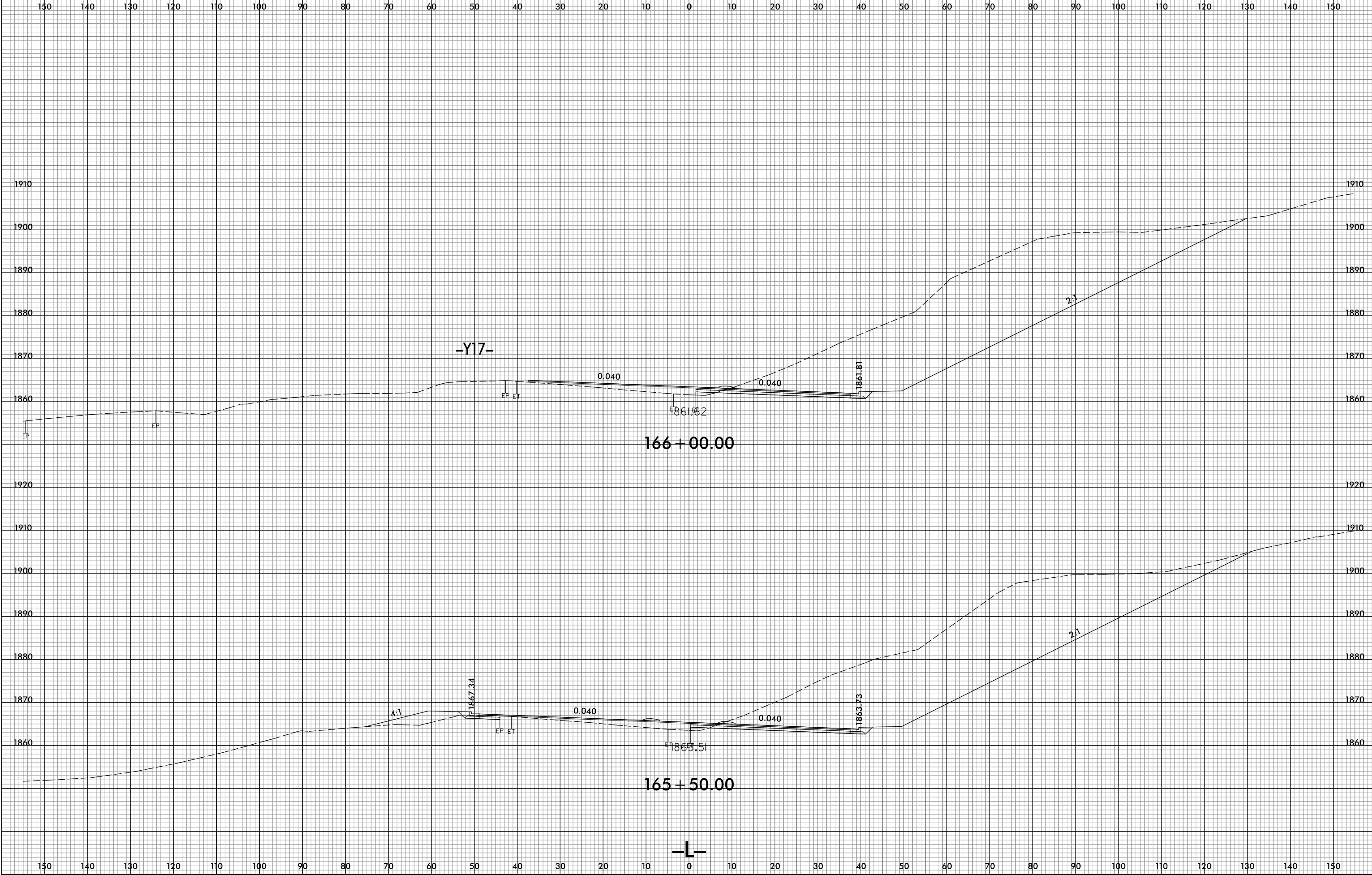
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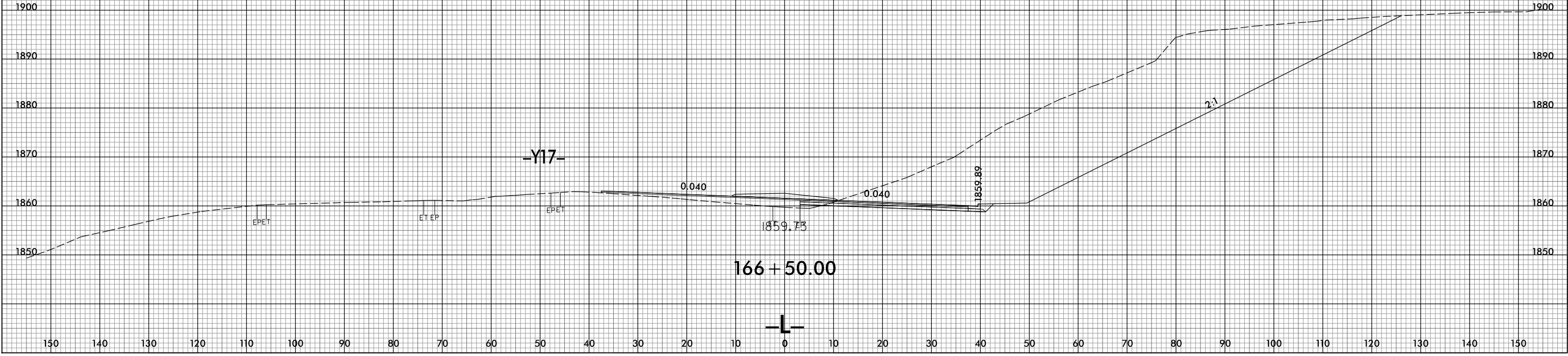
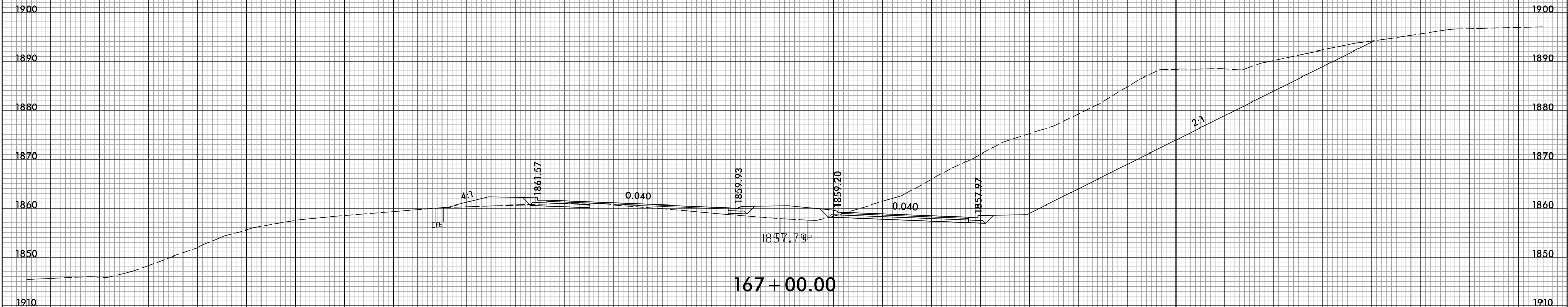
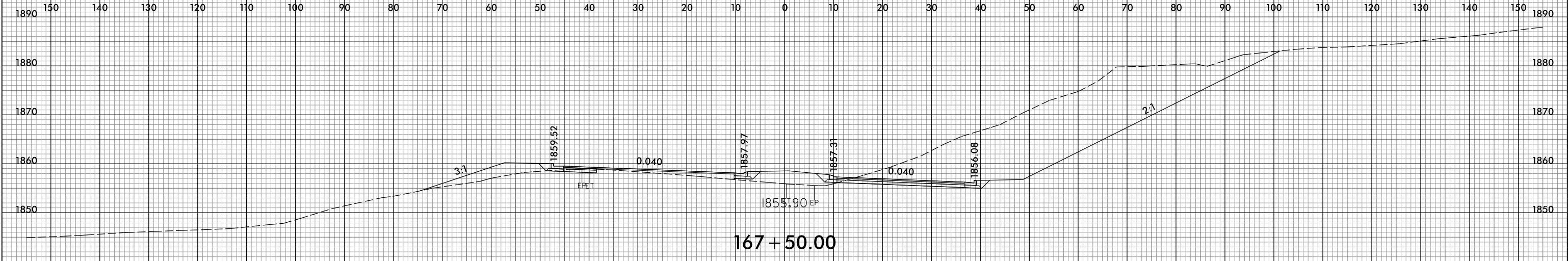


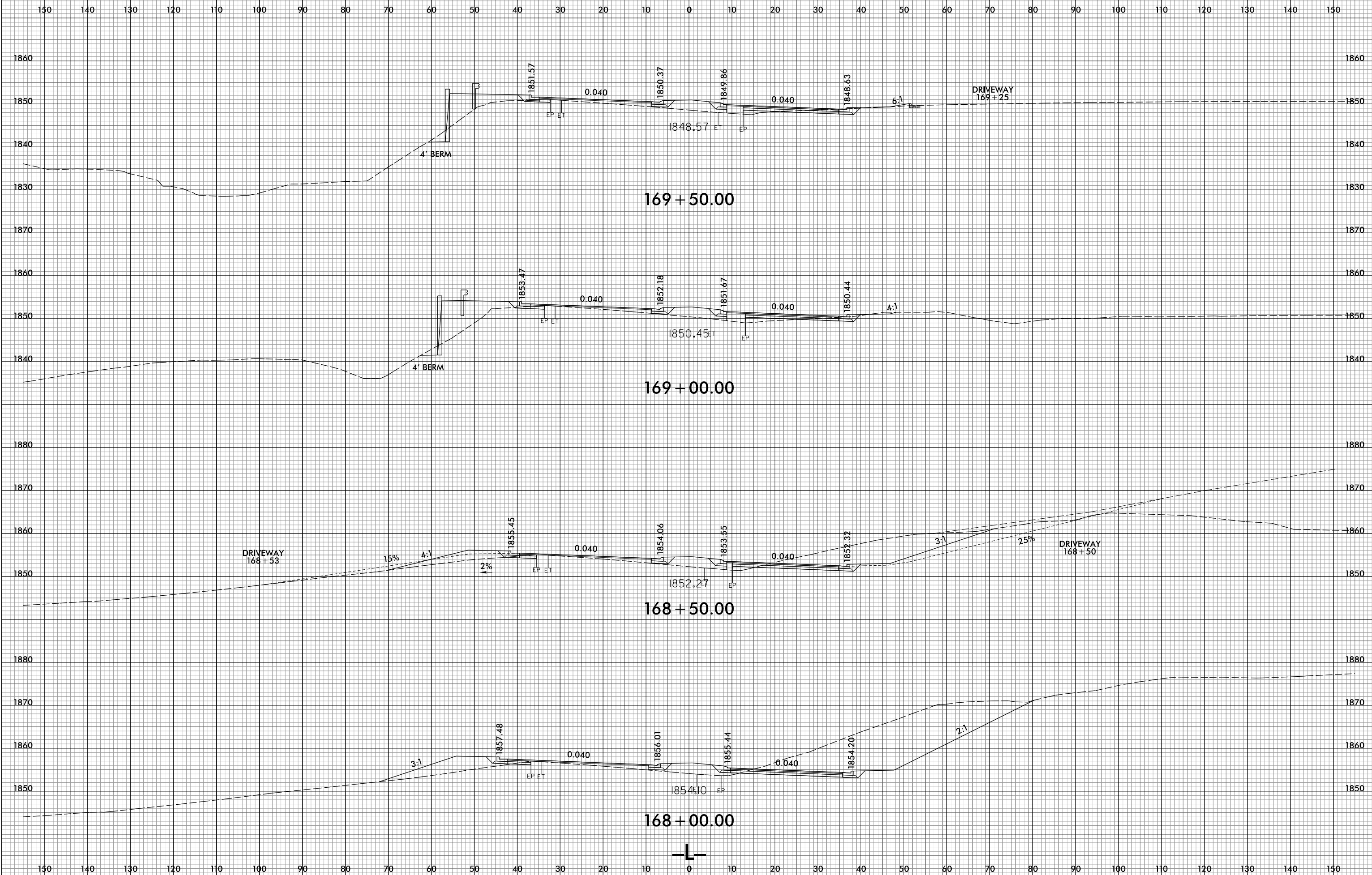
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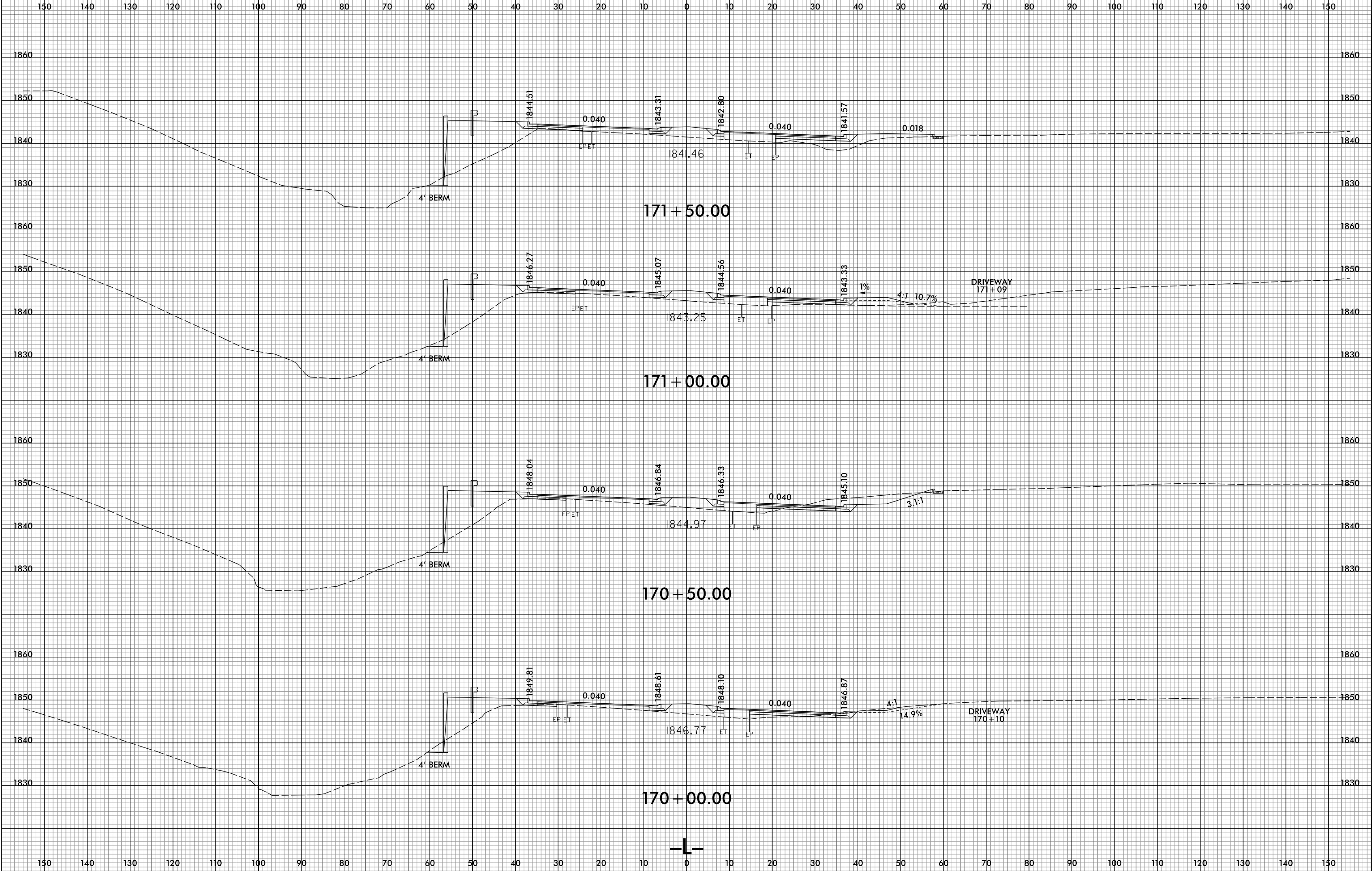


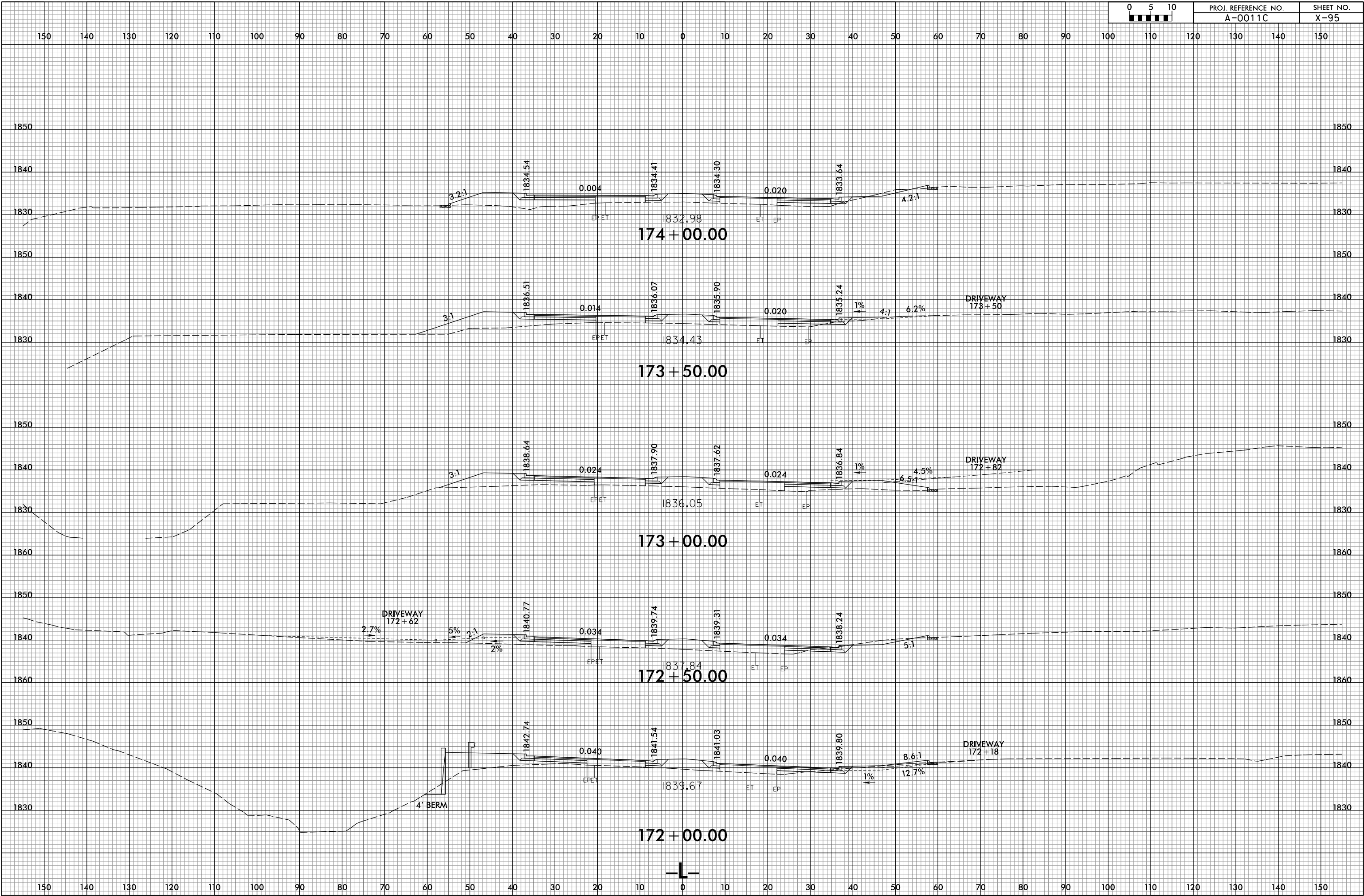
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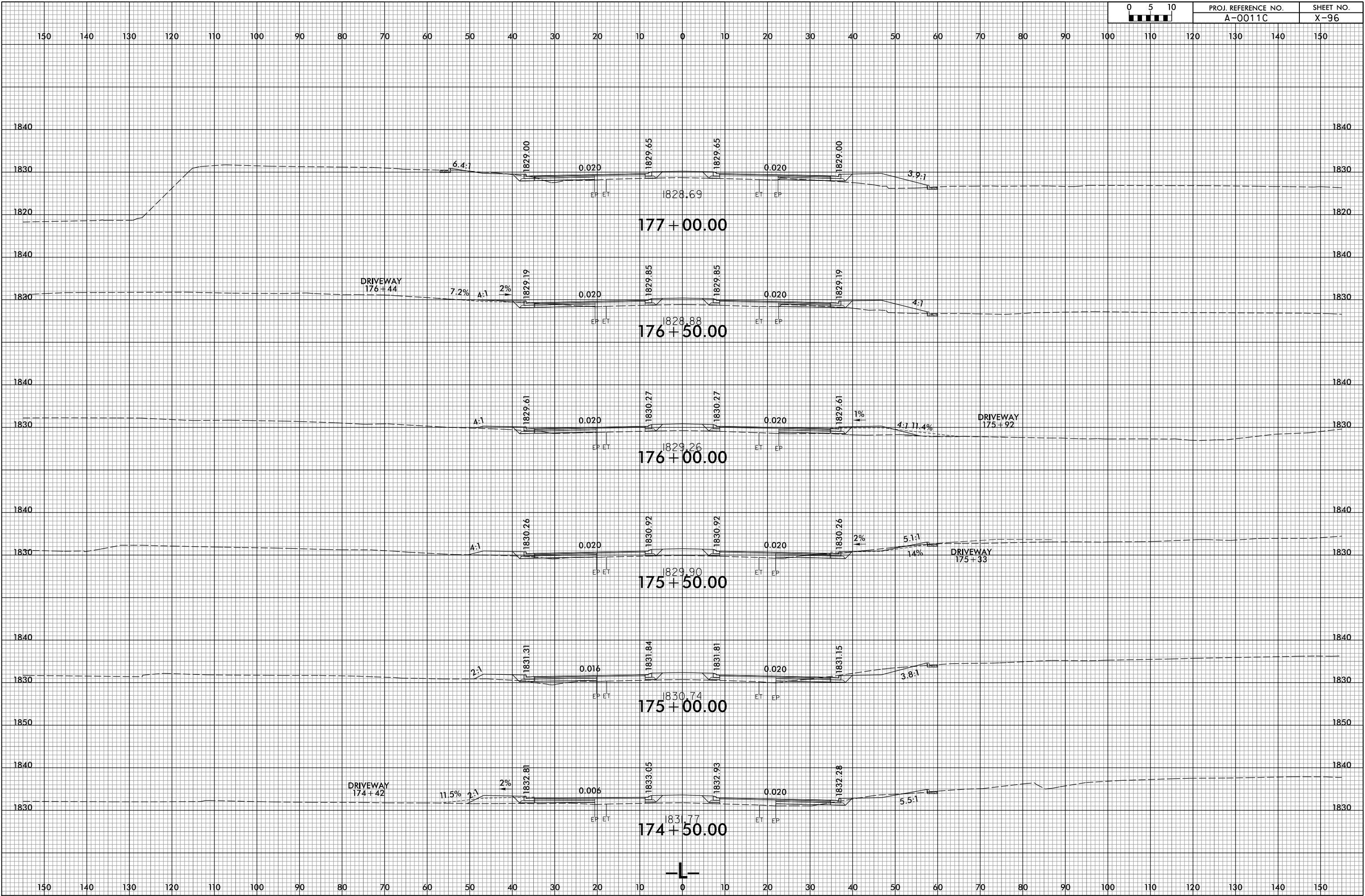


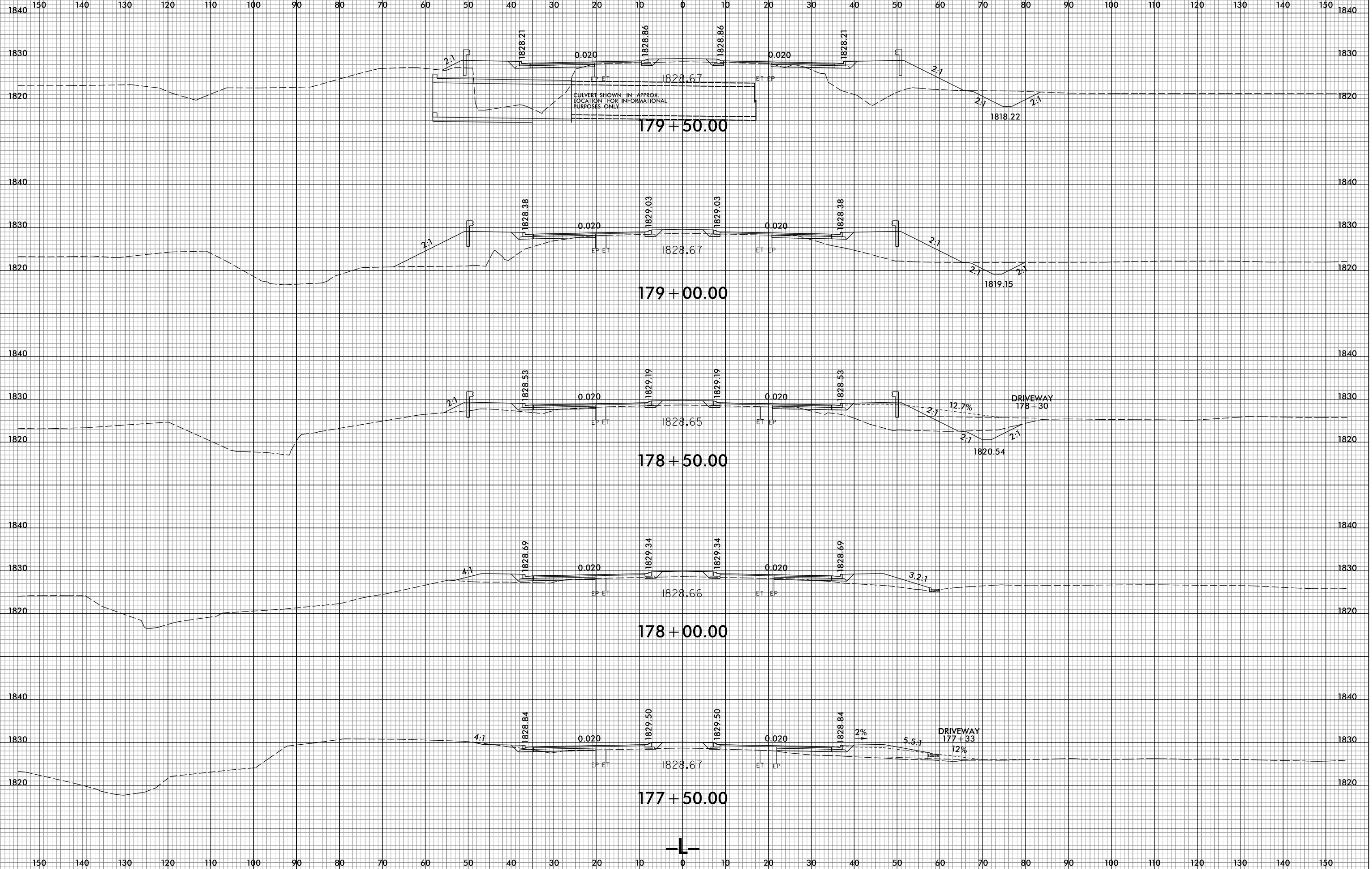


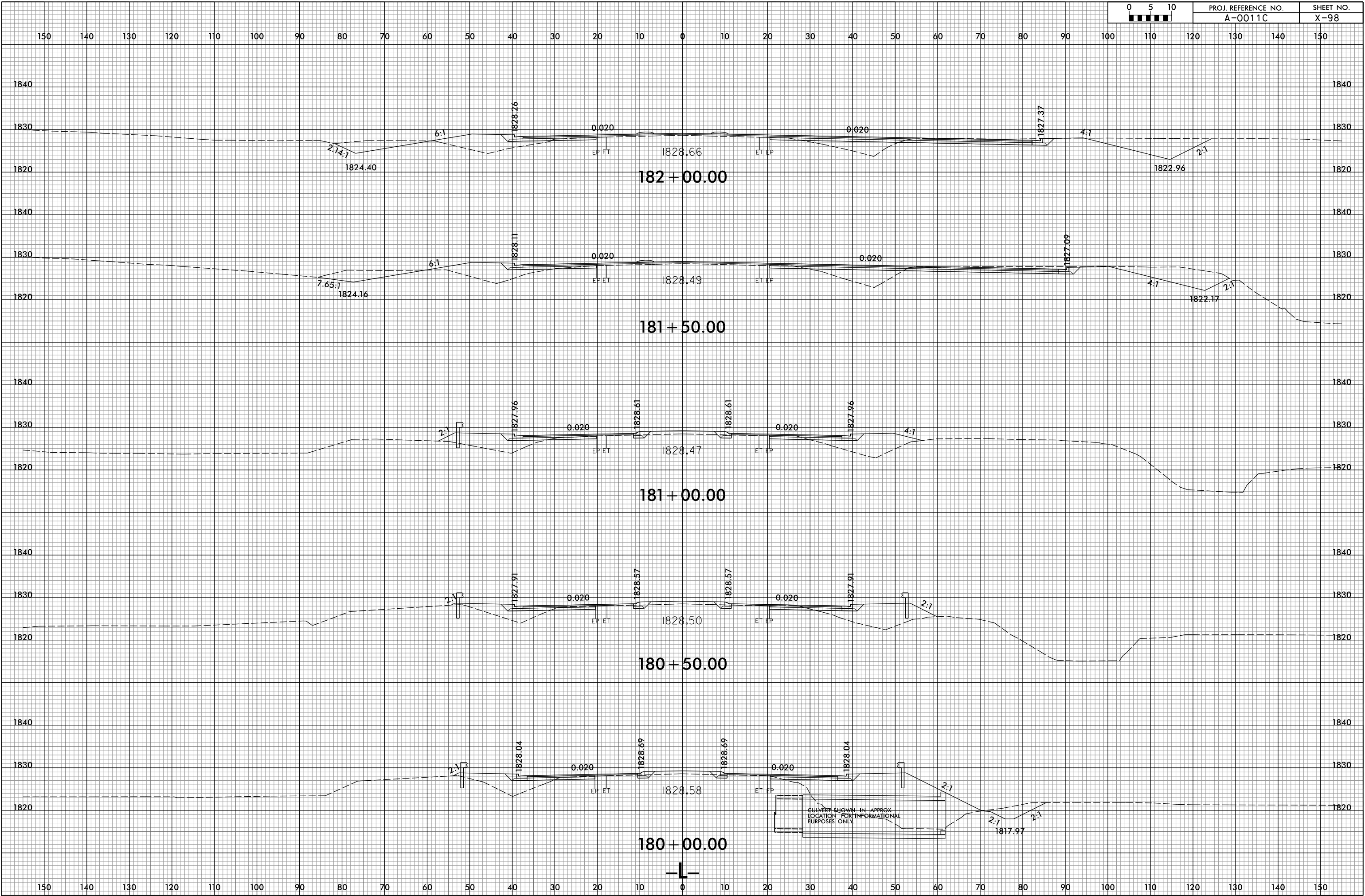


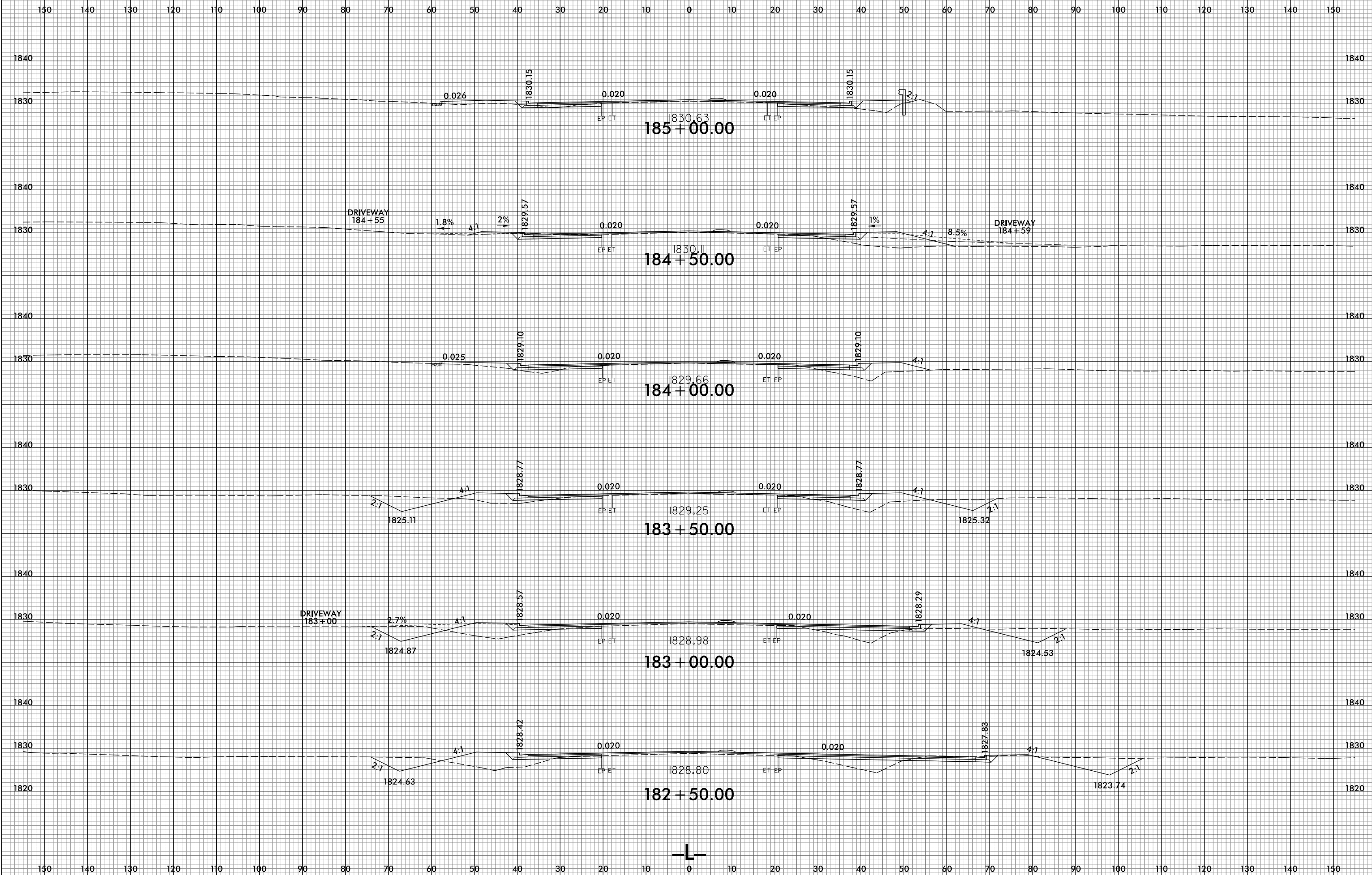


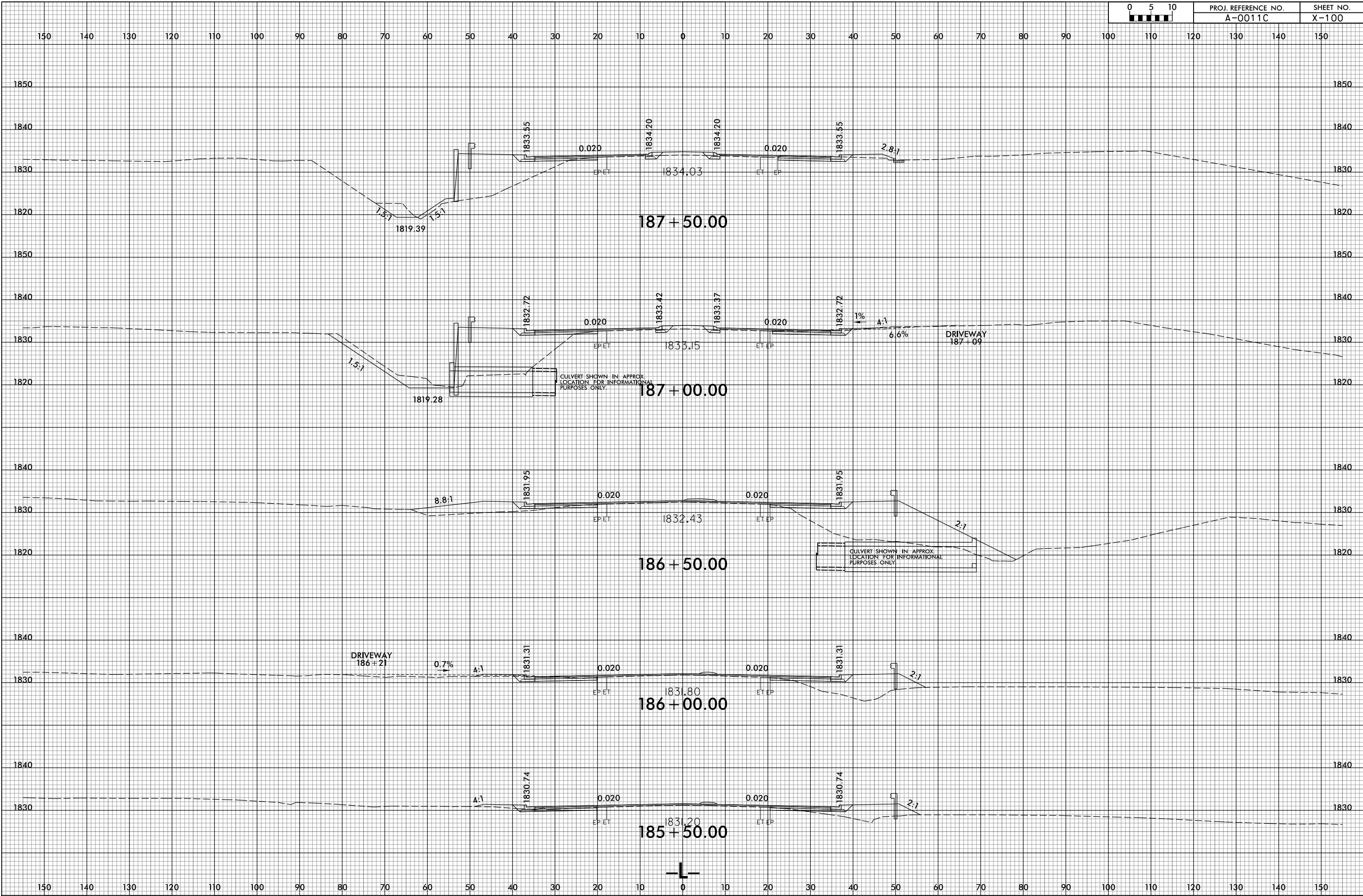


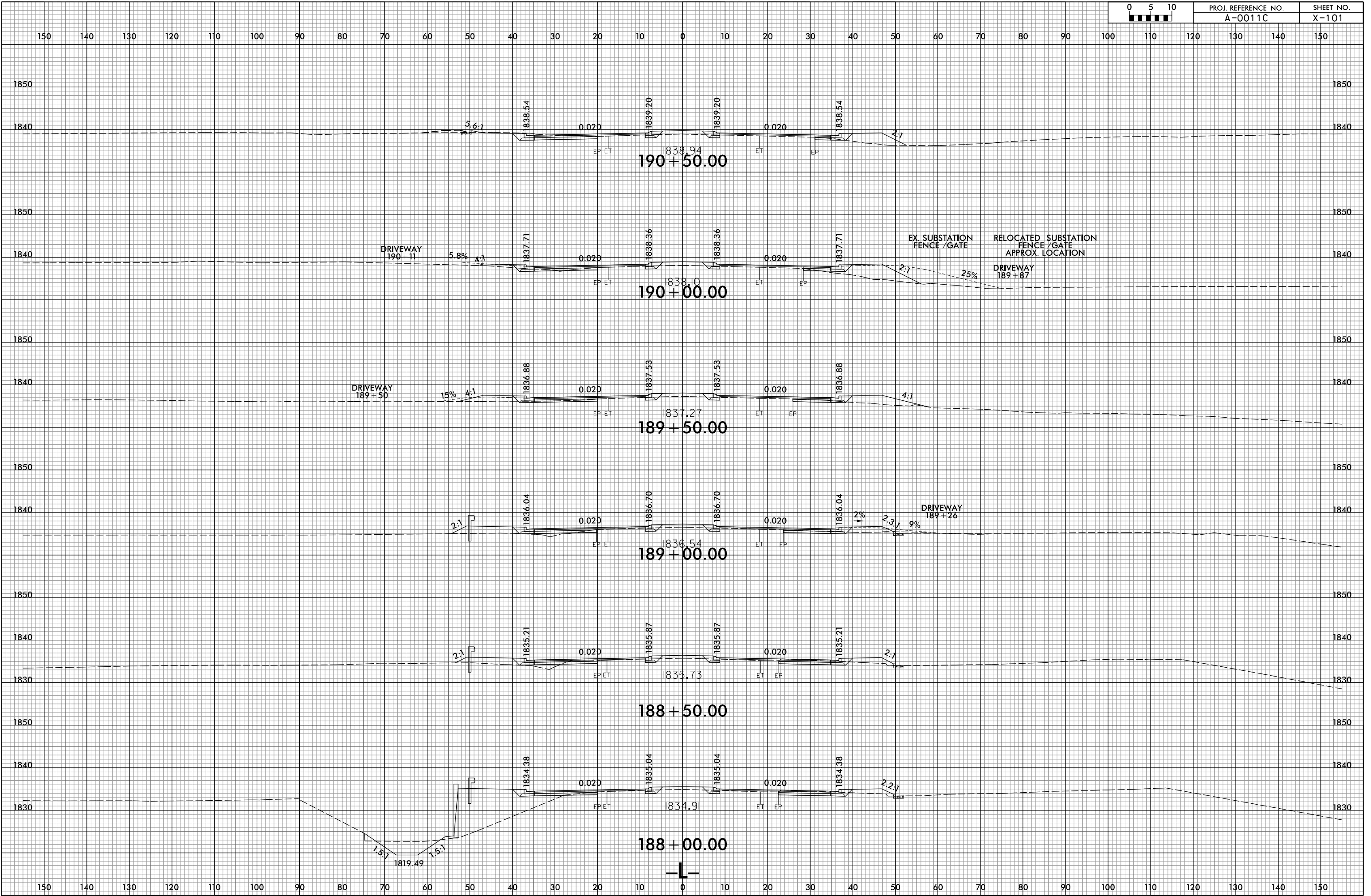


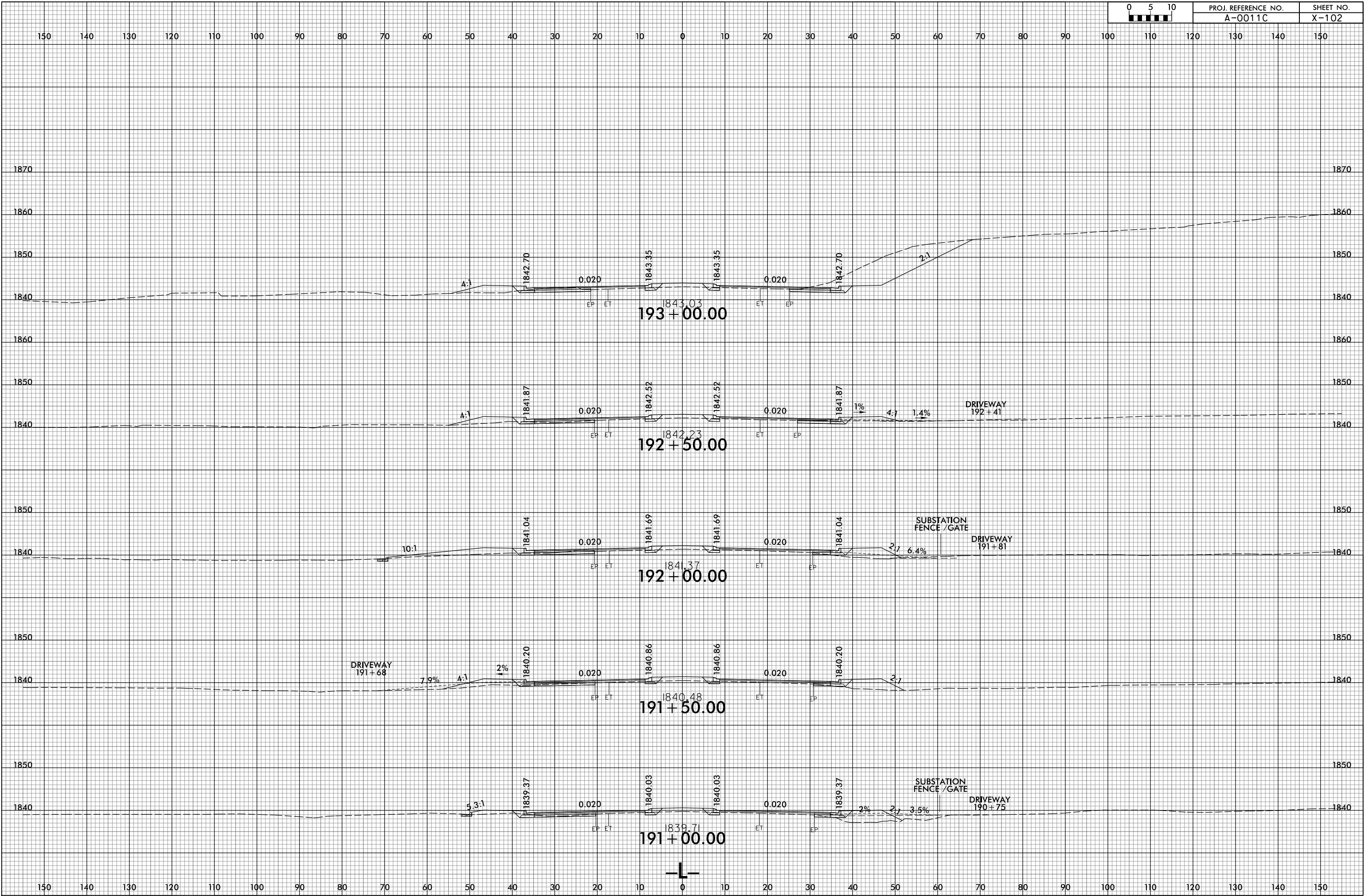


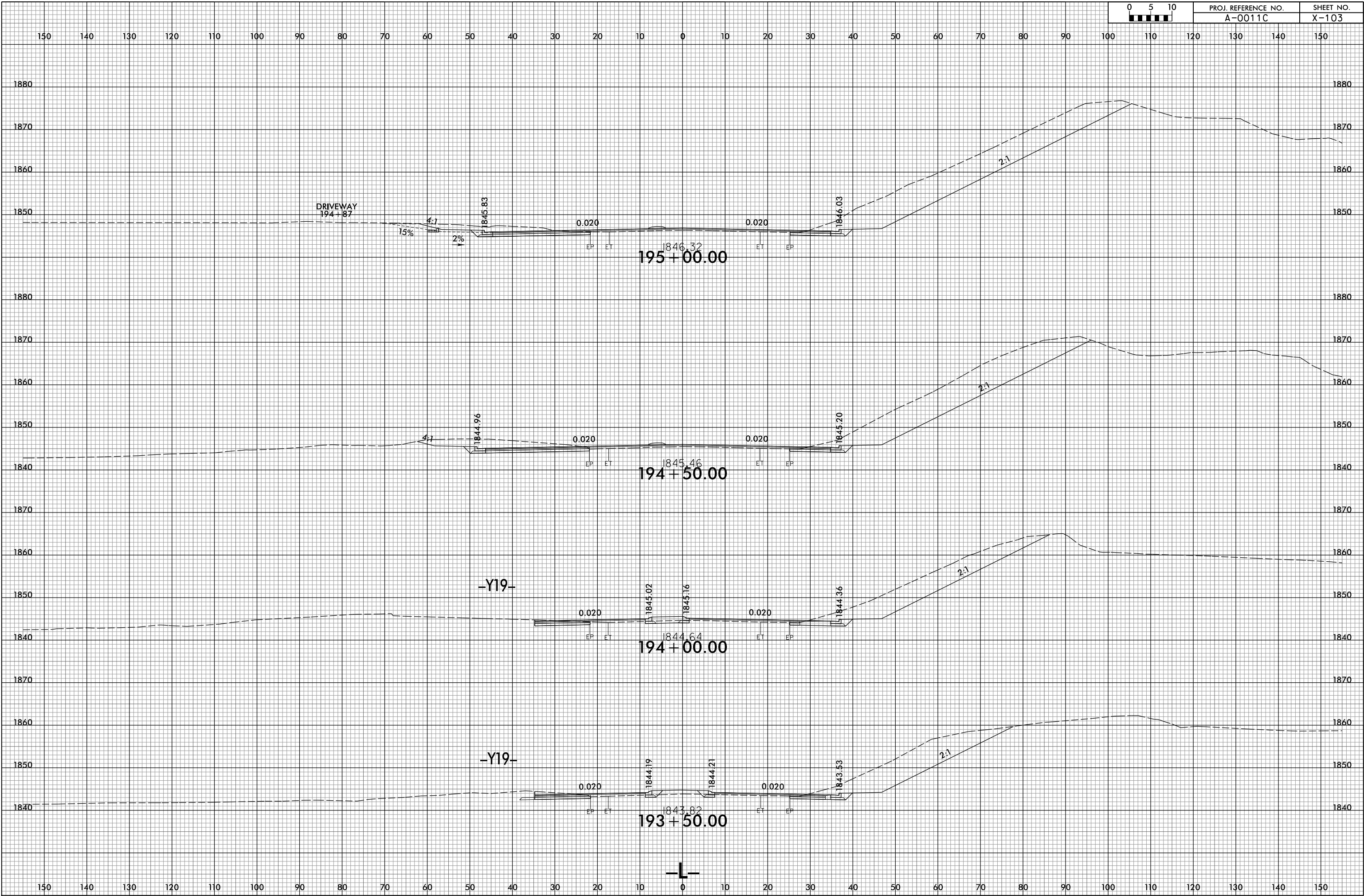


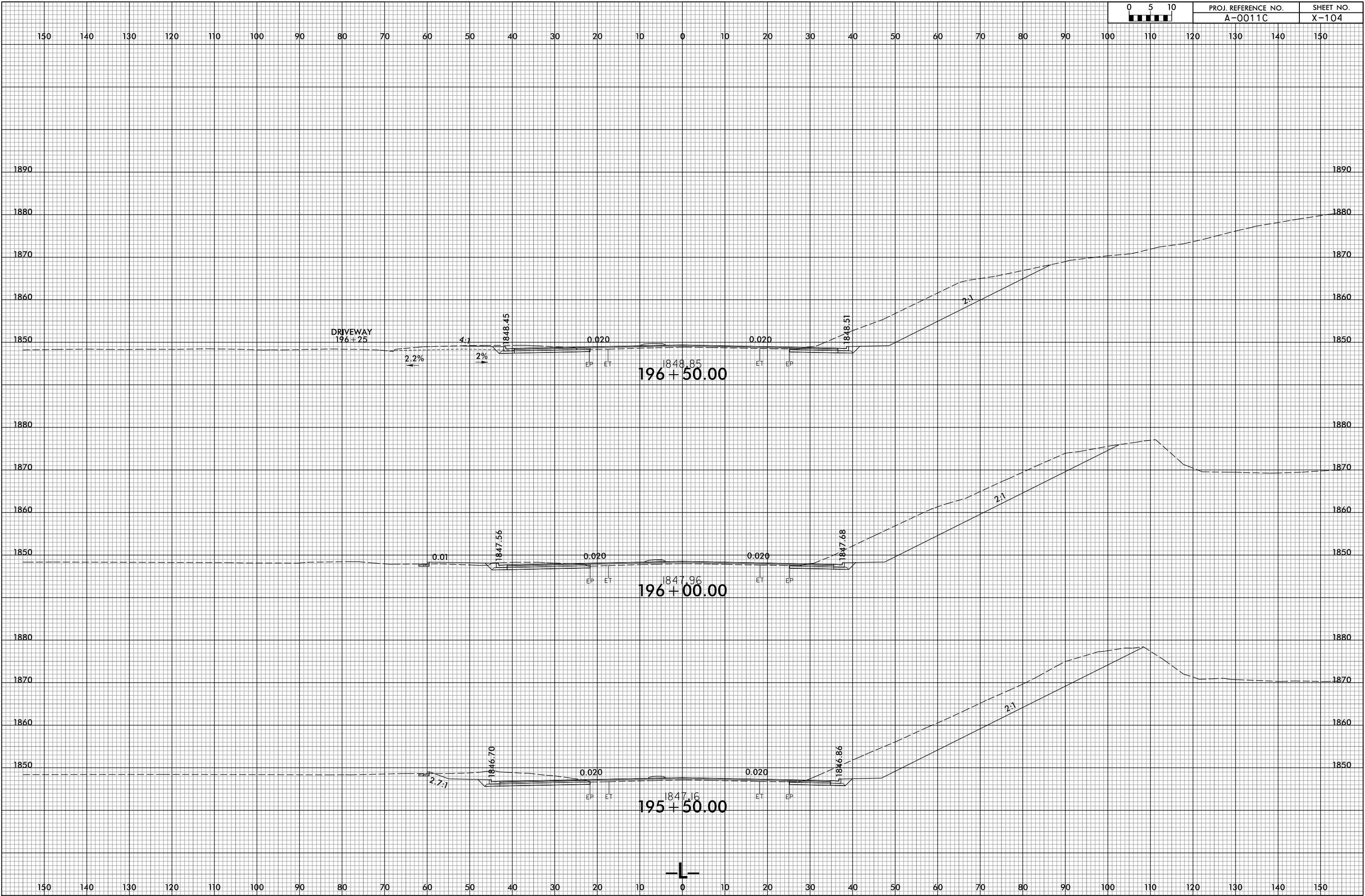


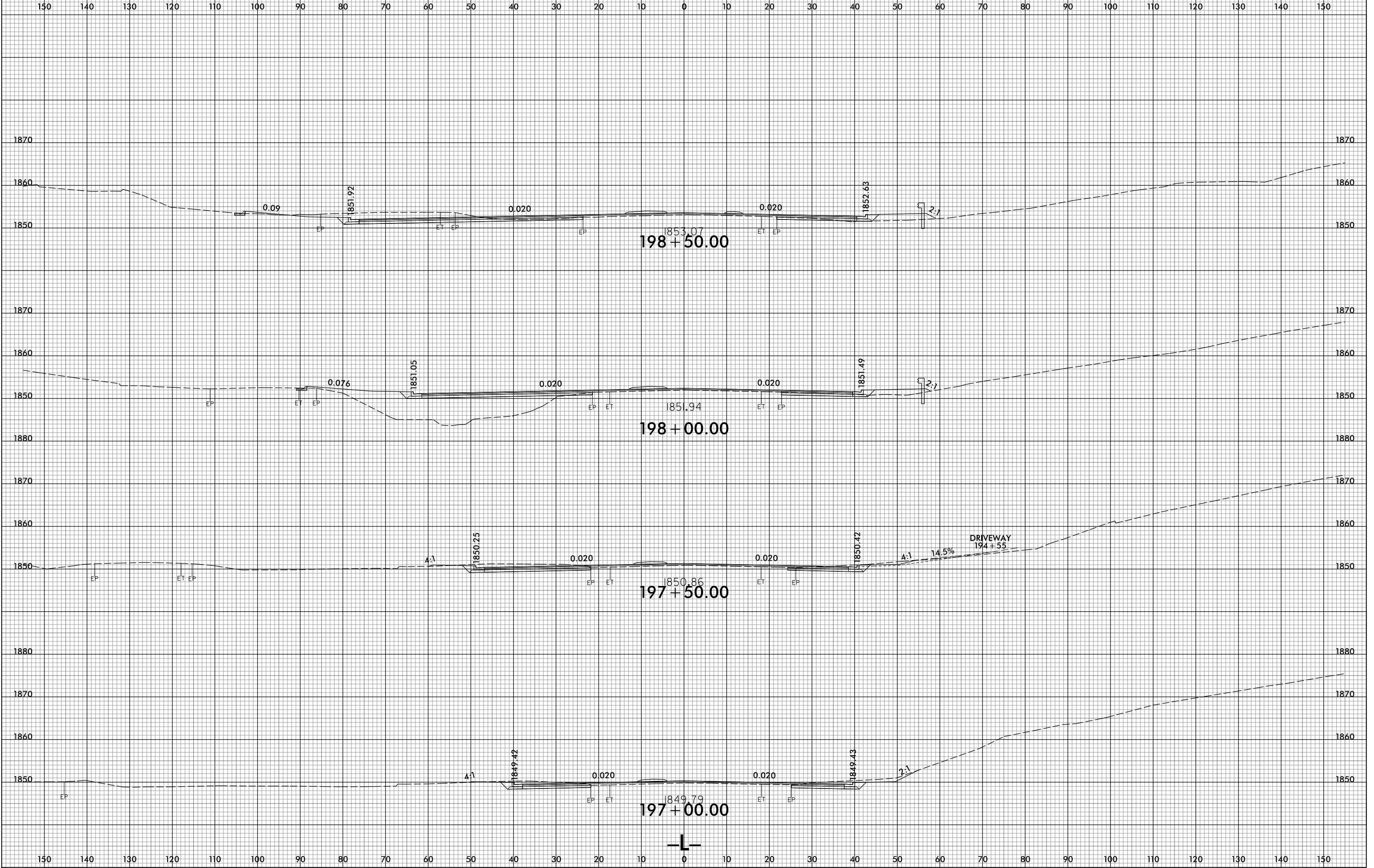


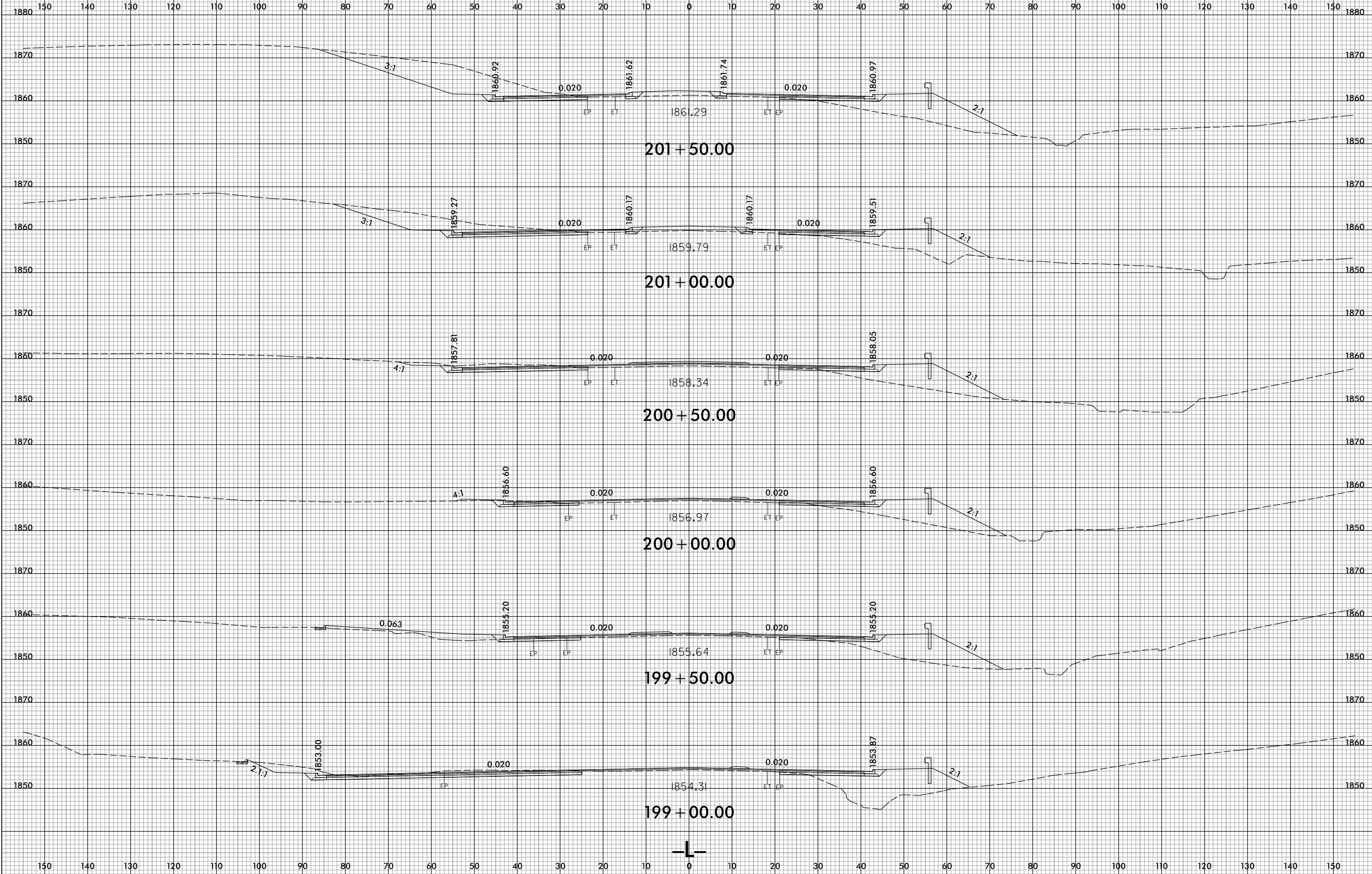


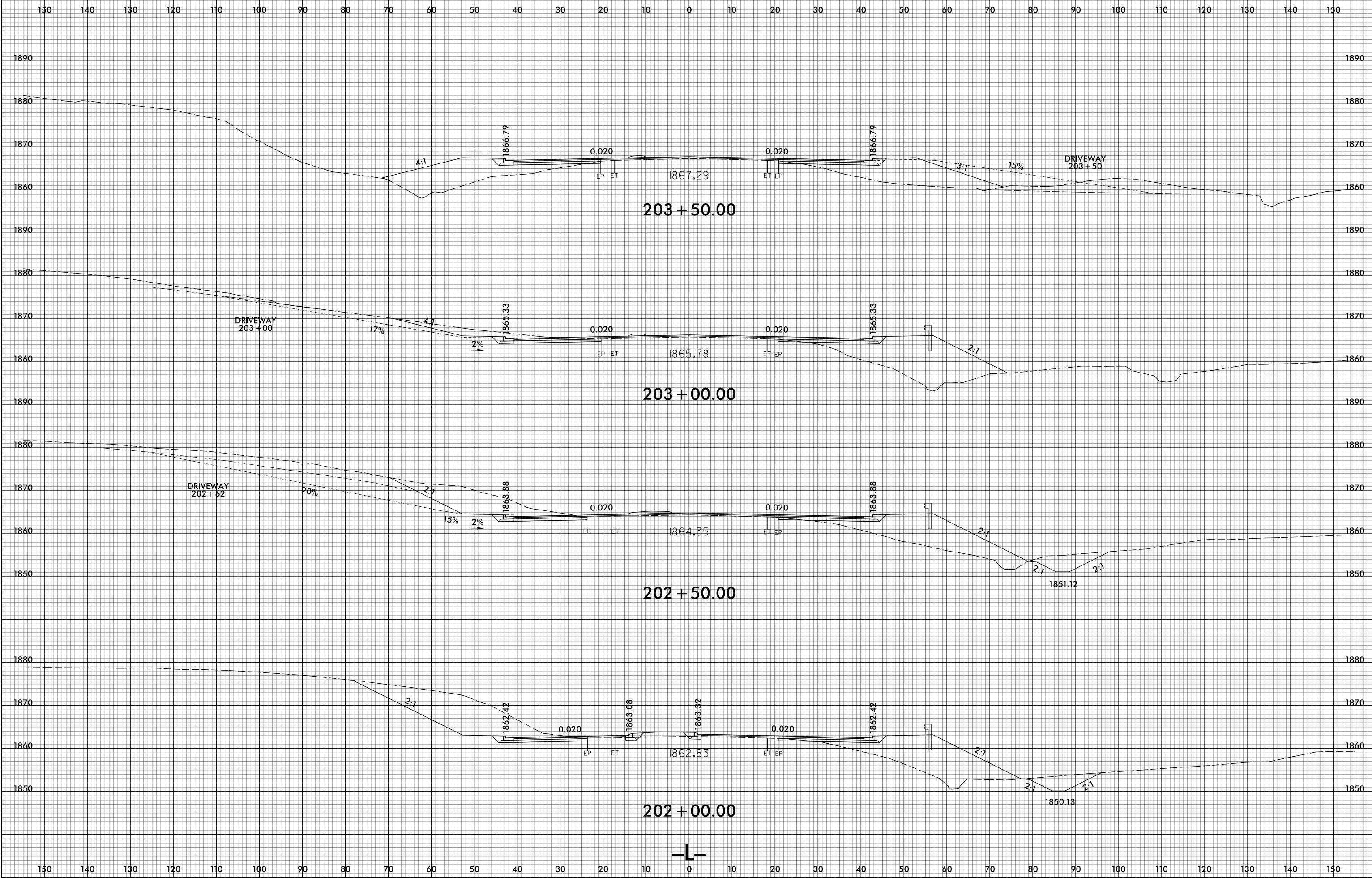


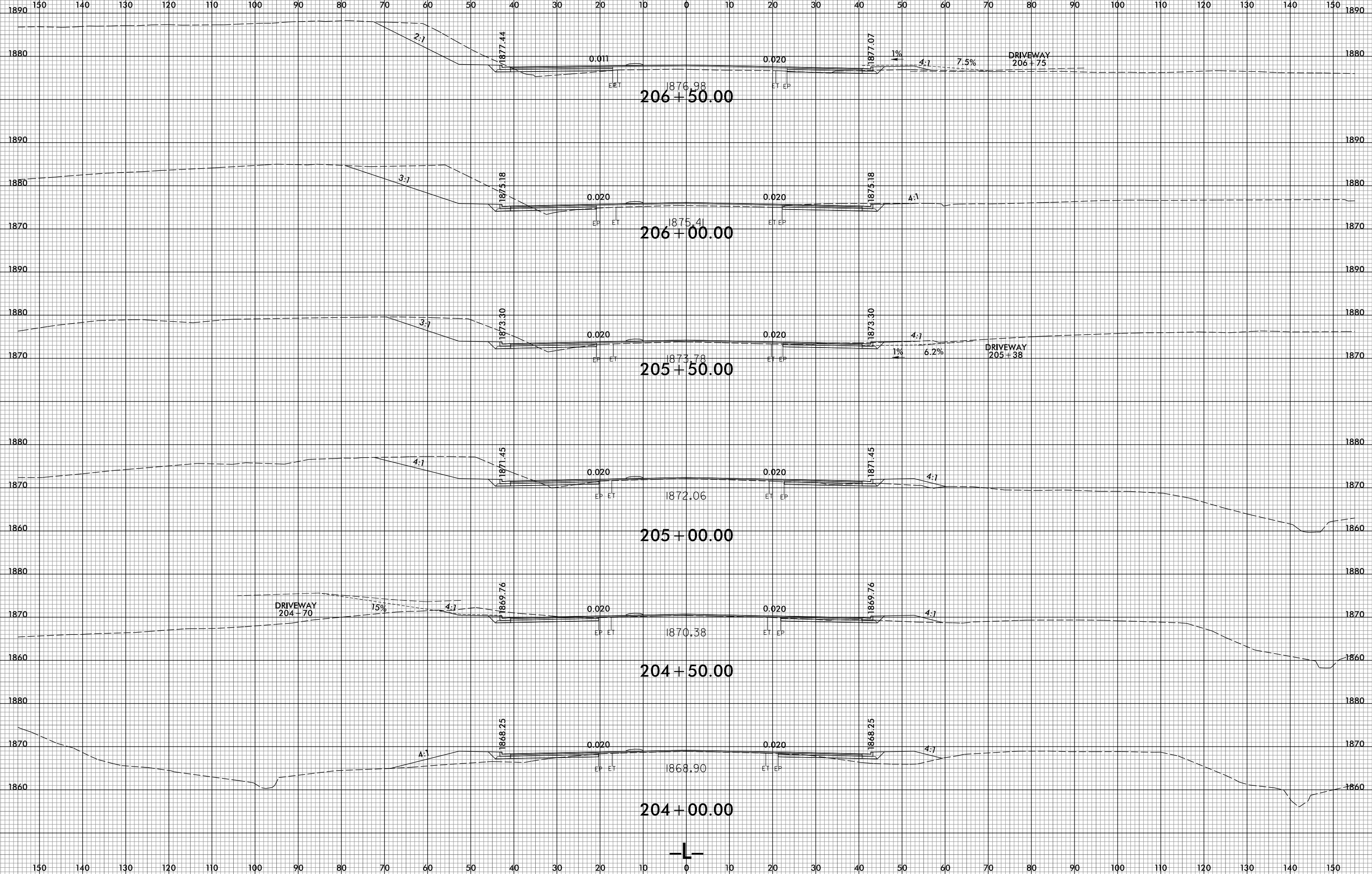


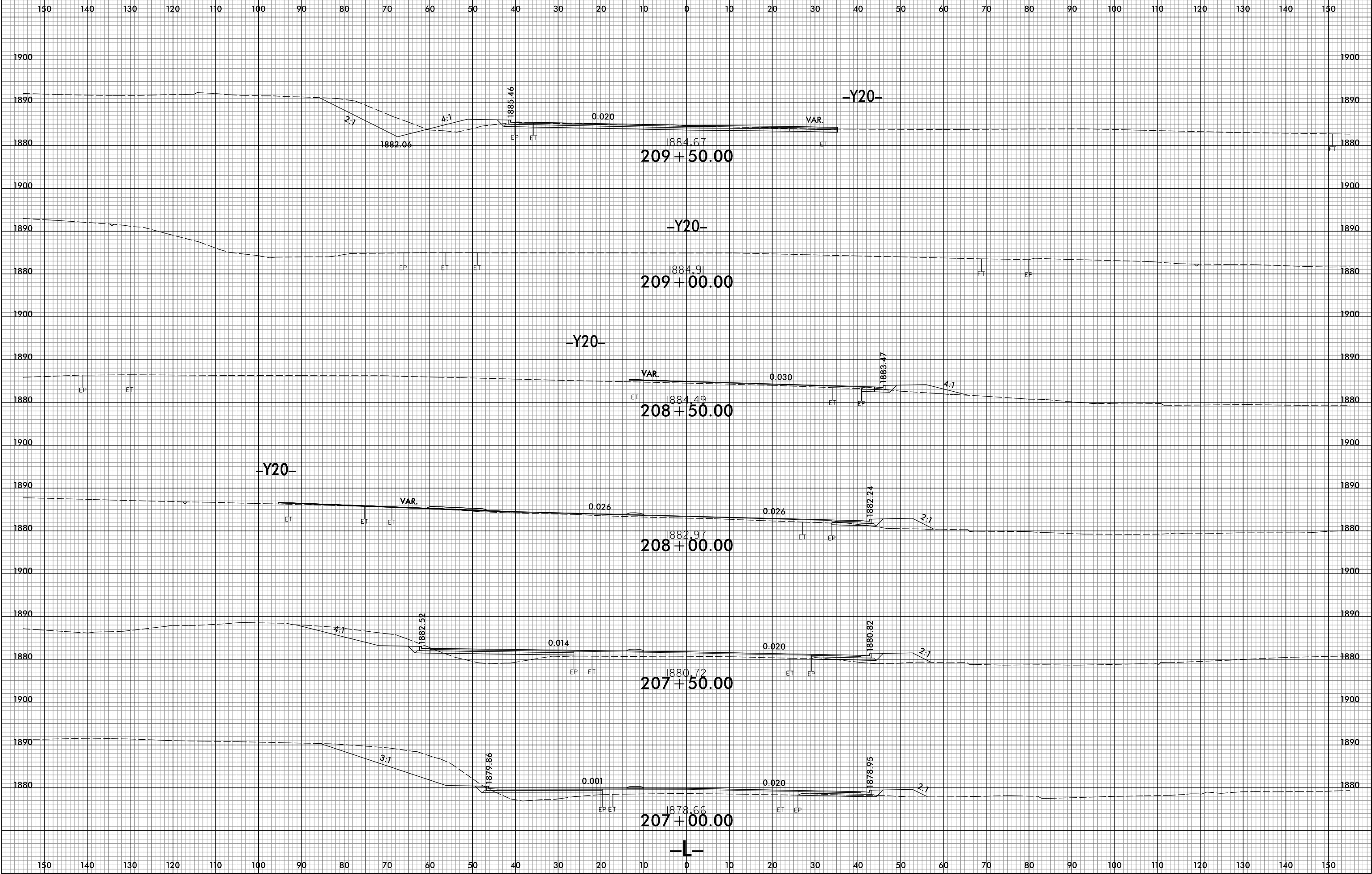


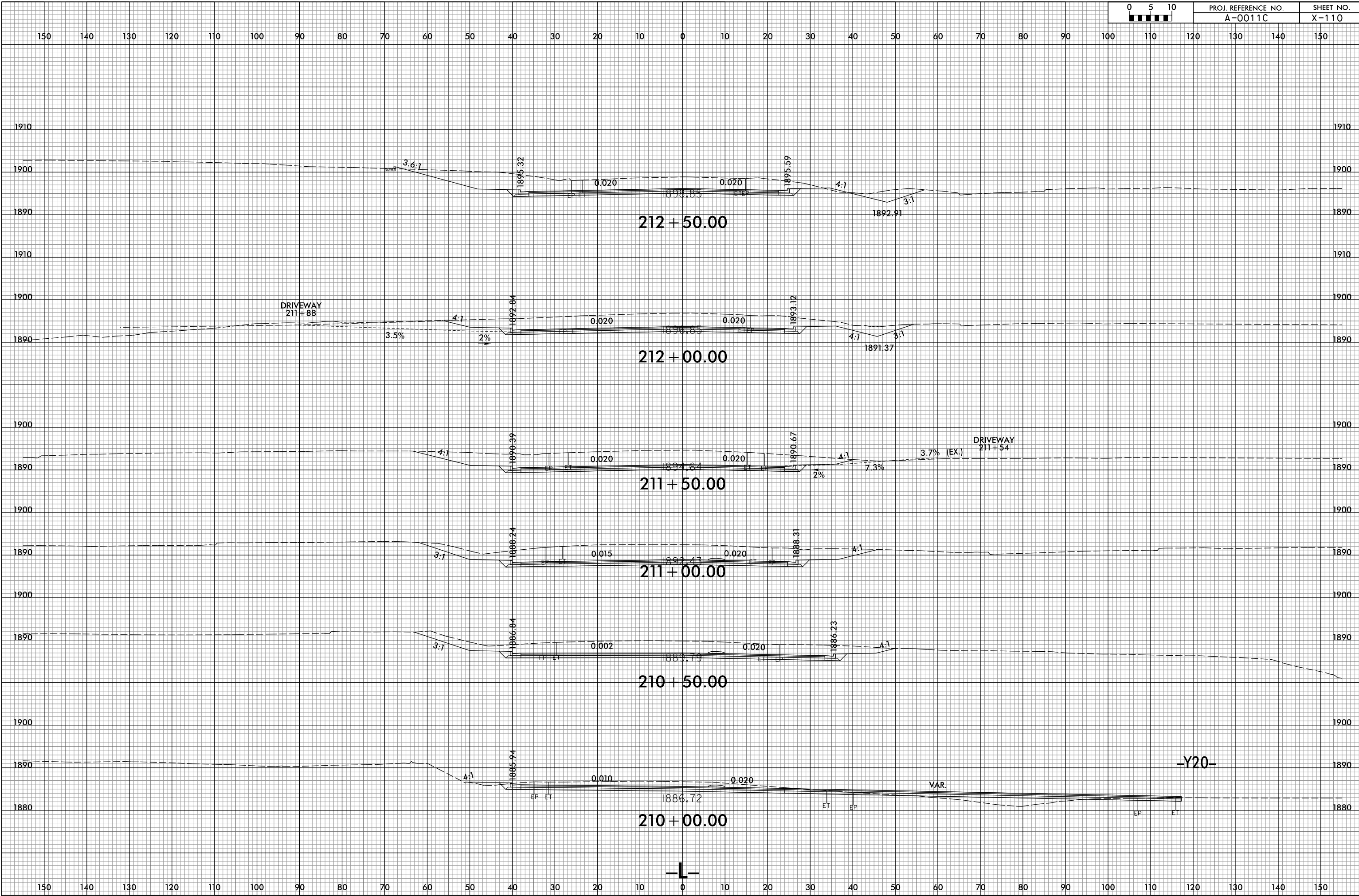












210 + 00.00

211 + 00.00

212 + 00.00

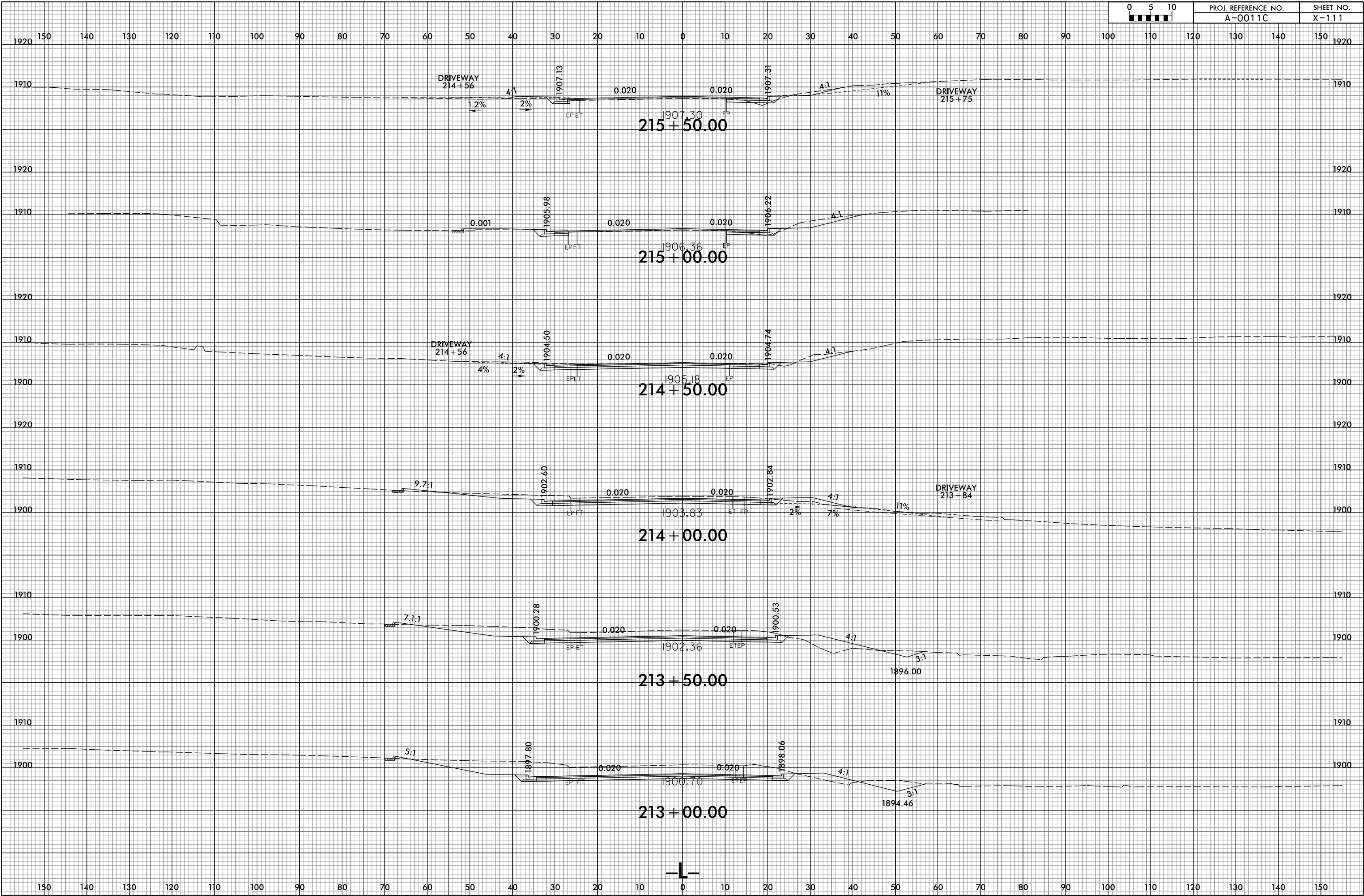
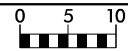
212 + 50.00

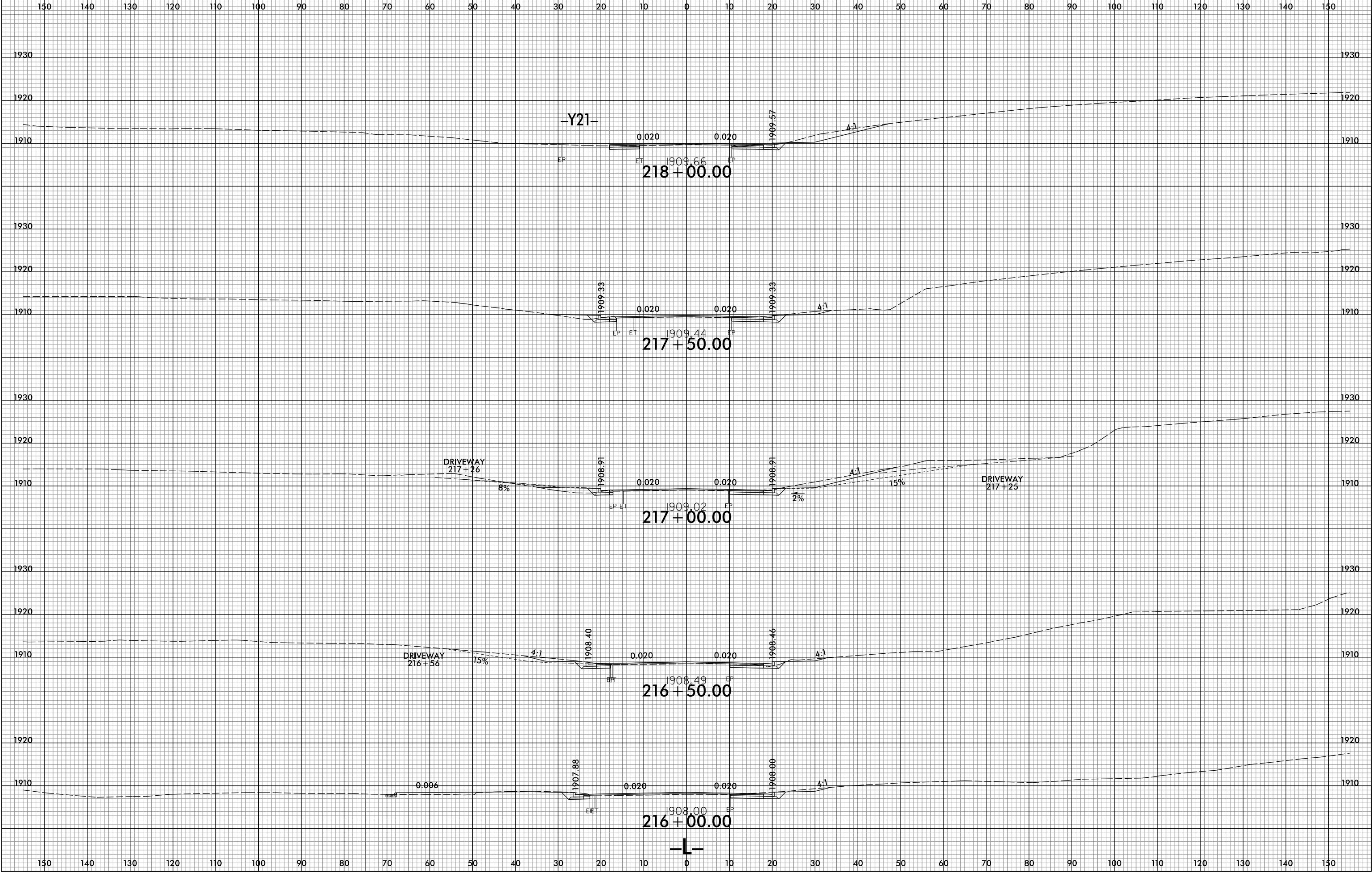
-Y20-

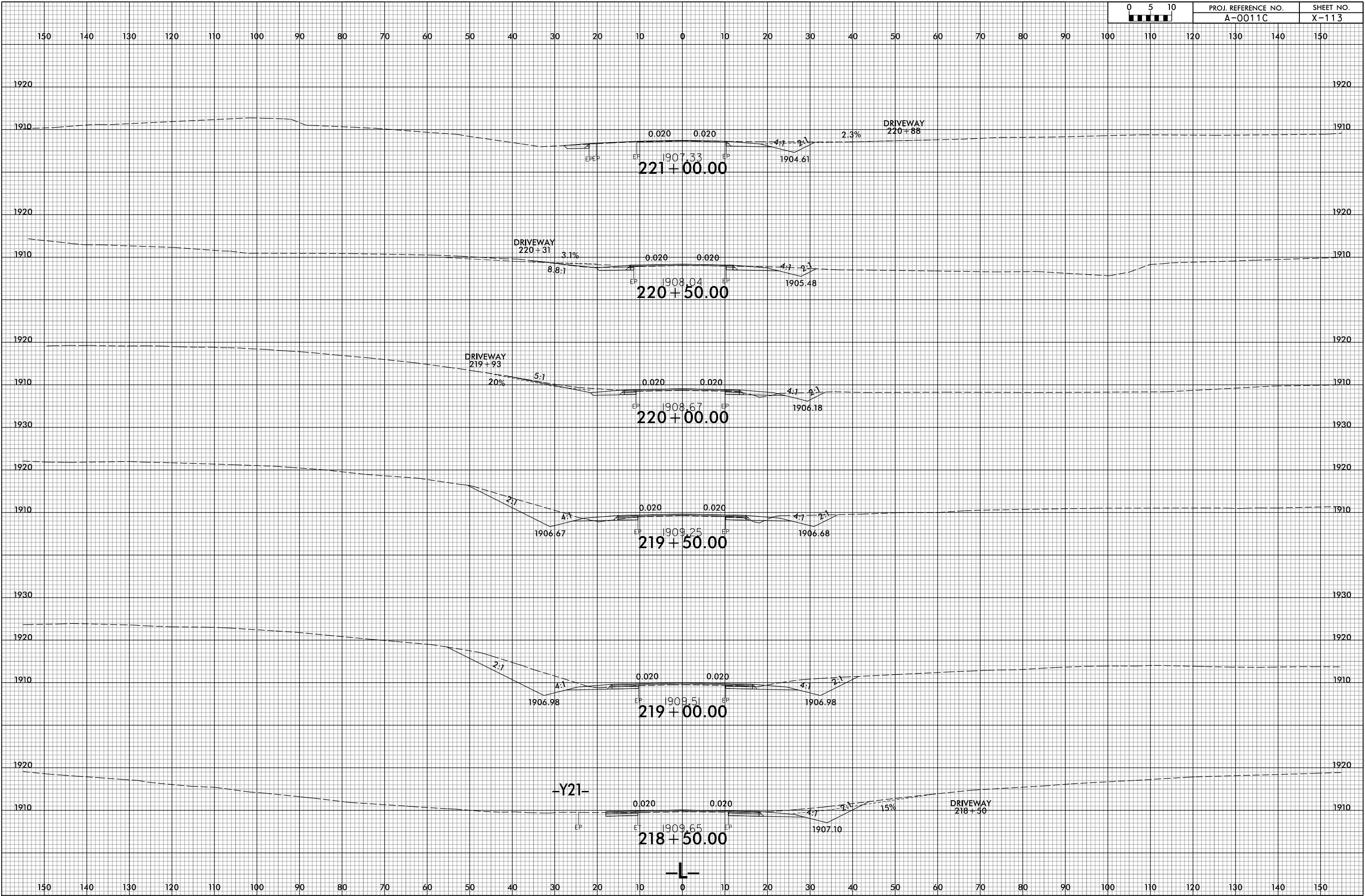
VAR.

DRIVEWAY
211 + 88

DRIVEWAY
211 + 54









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

SHEET NUMBERS X-115 THRU X-119 NOT USED

1910 1910

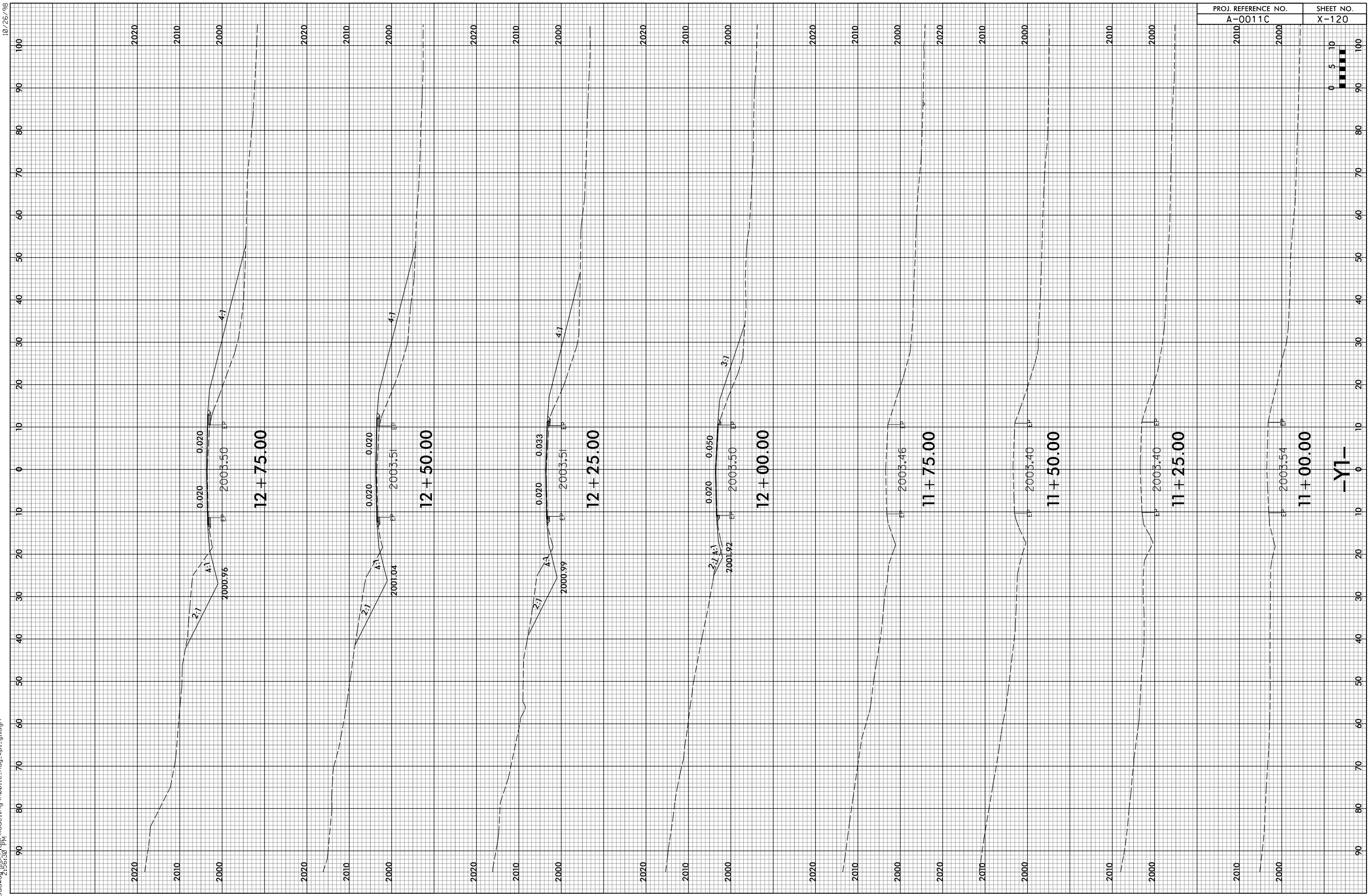
1900 1900

CBFP EP 1906.40 EP

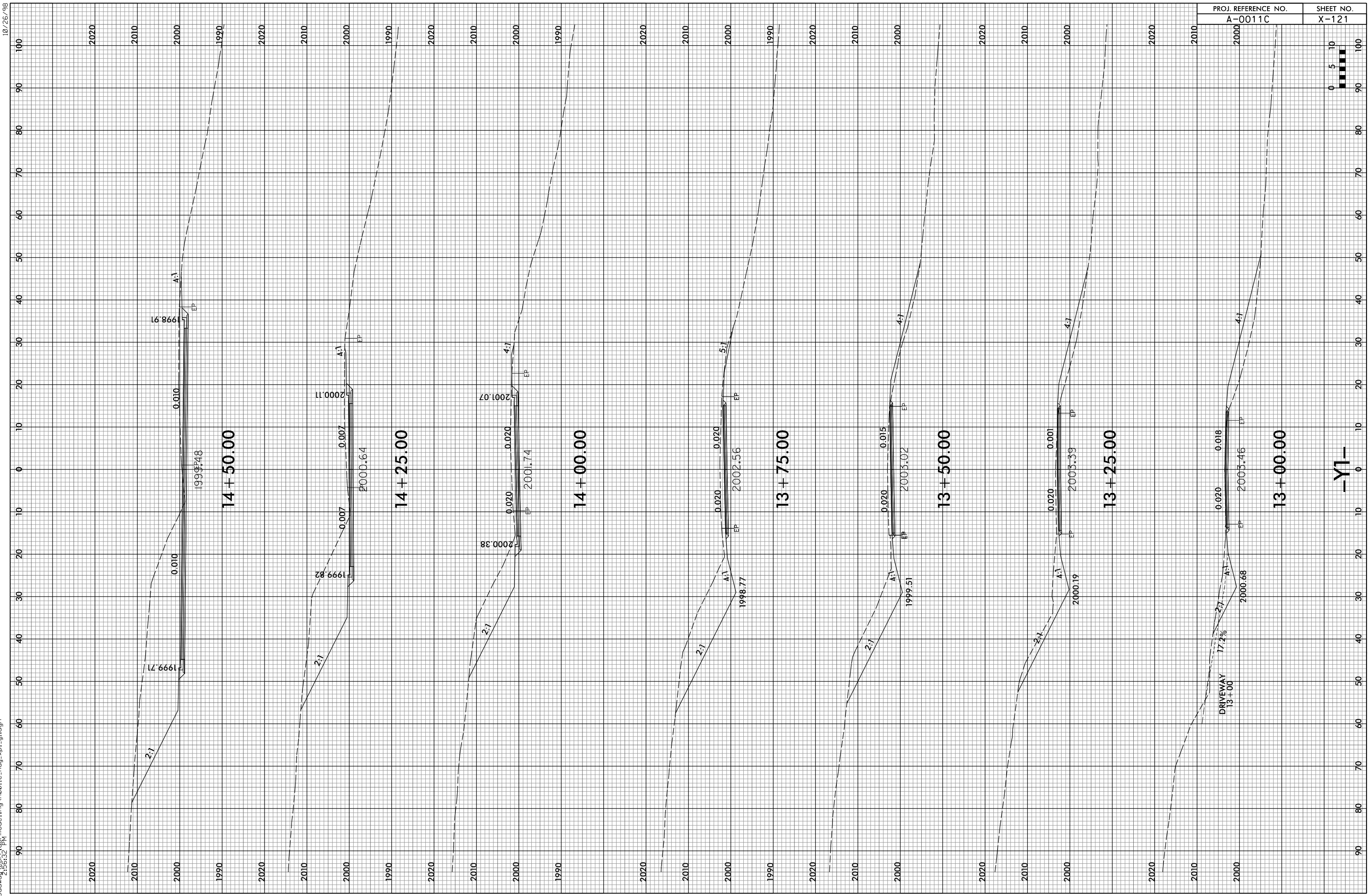
221 + 50.00



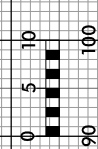
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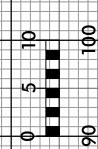
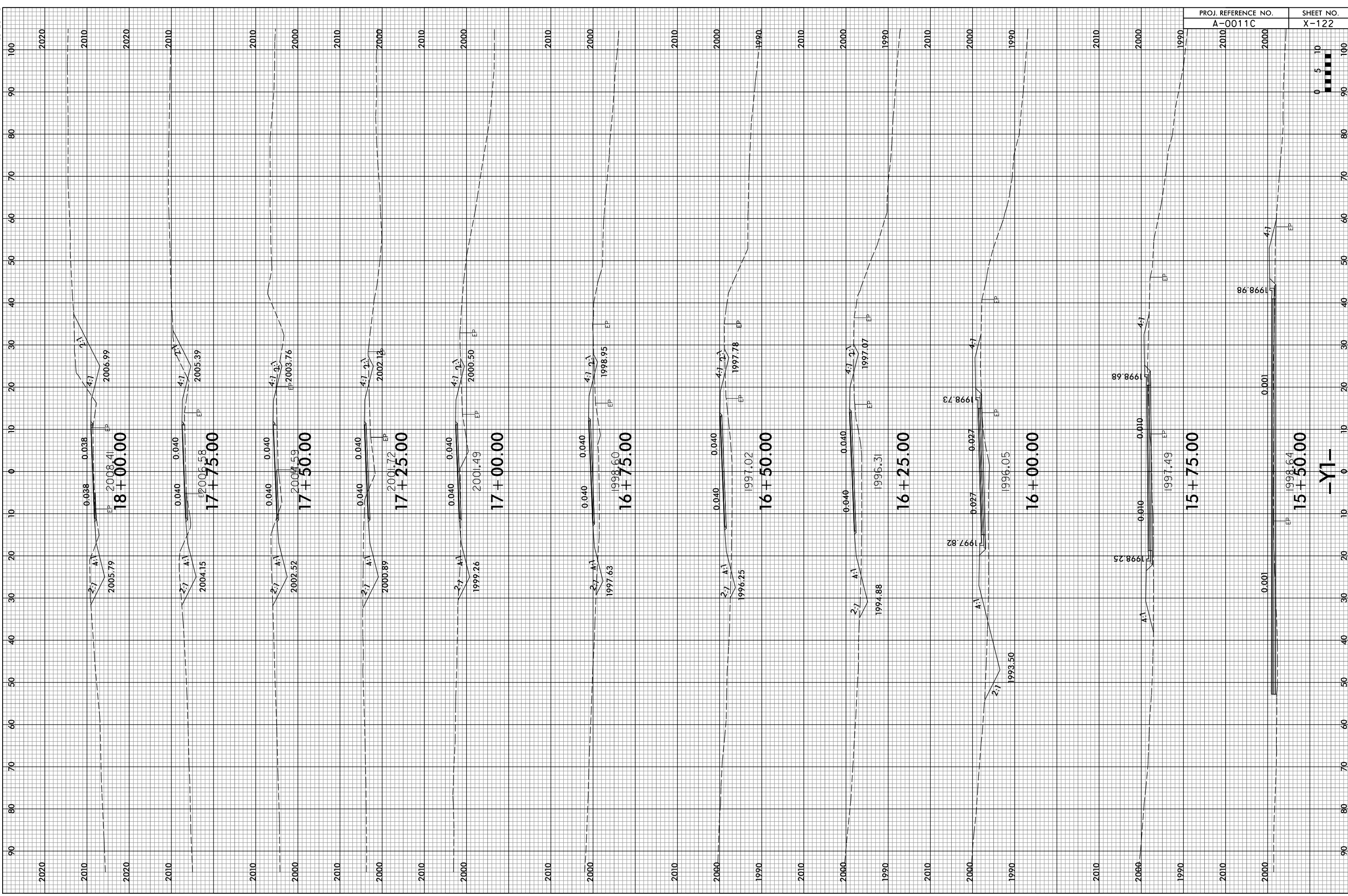


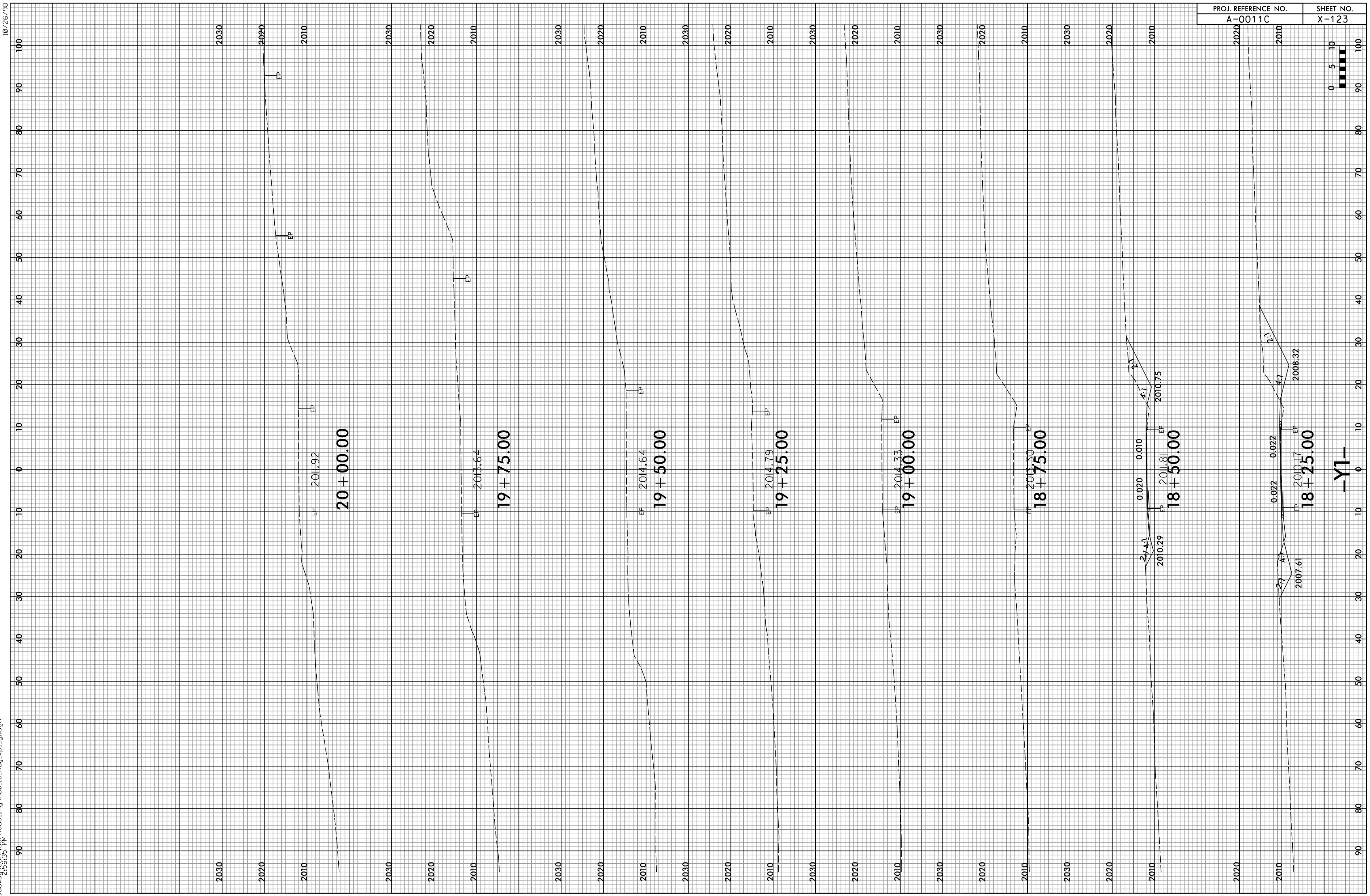
-Y1-



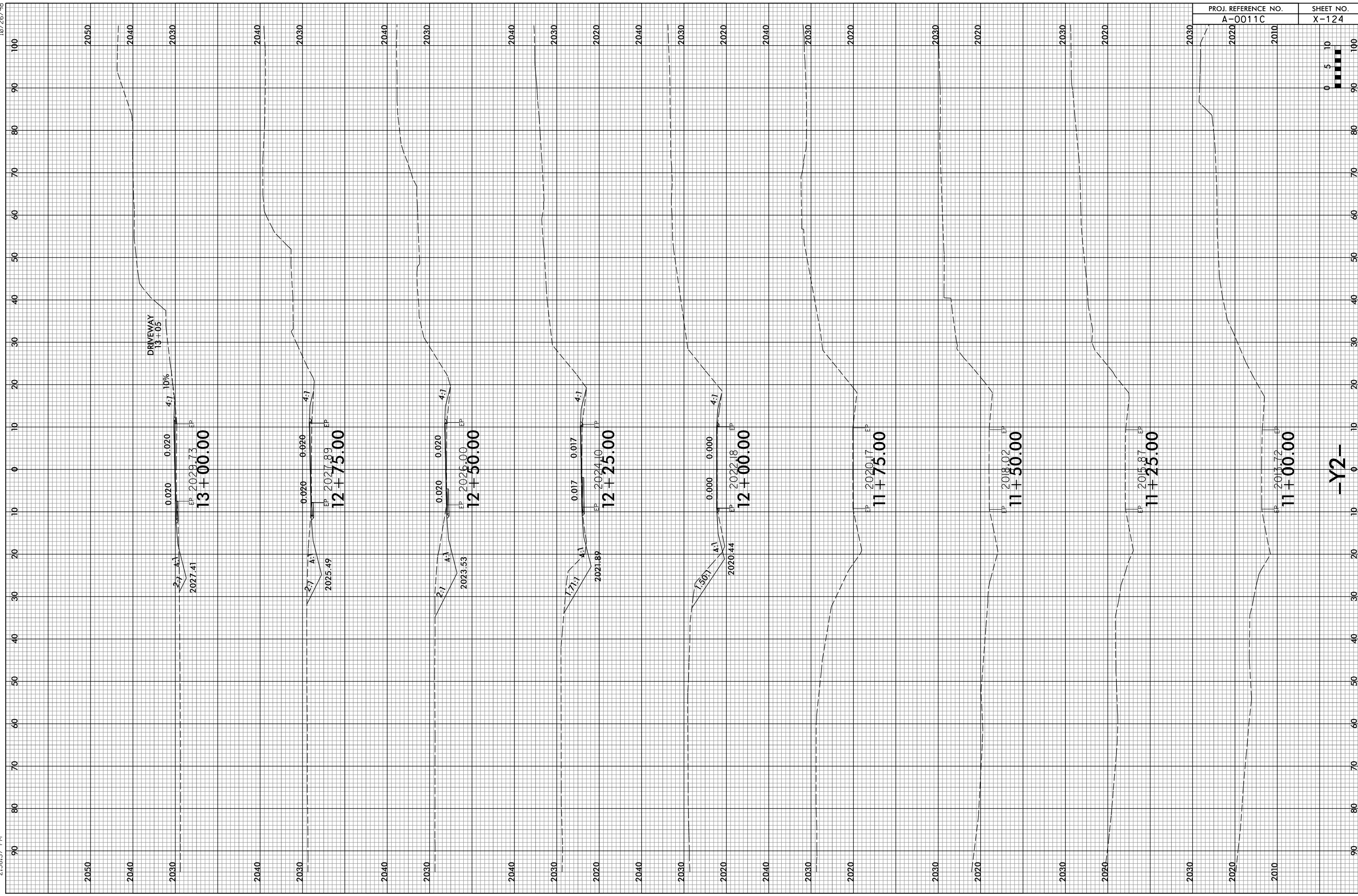
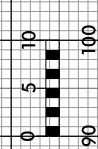
-Y1-



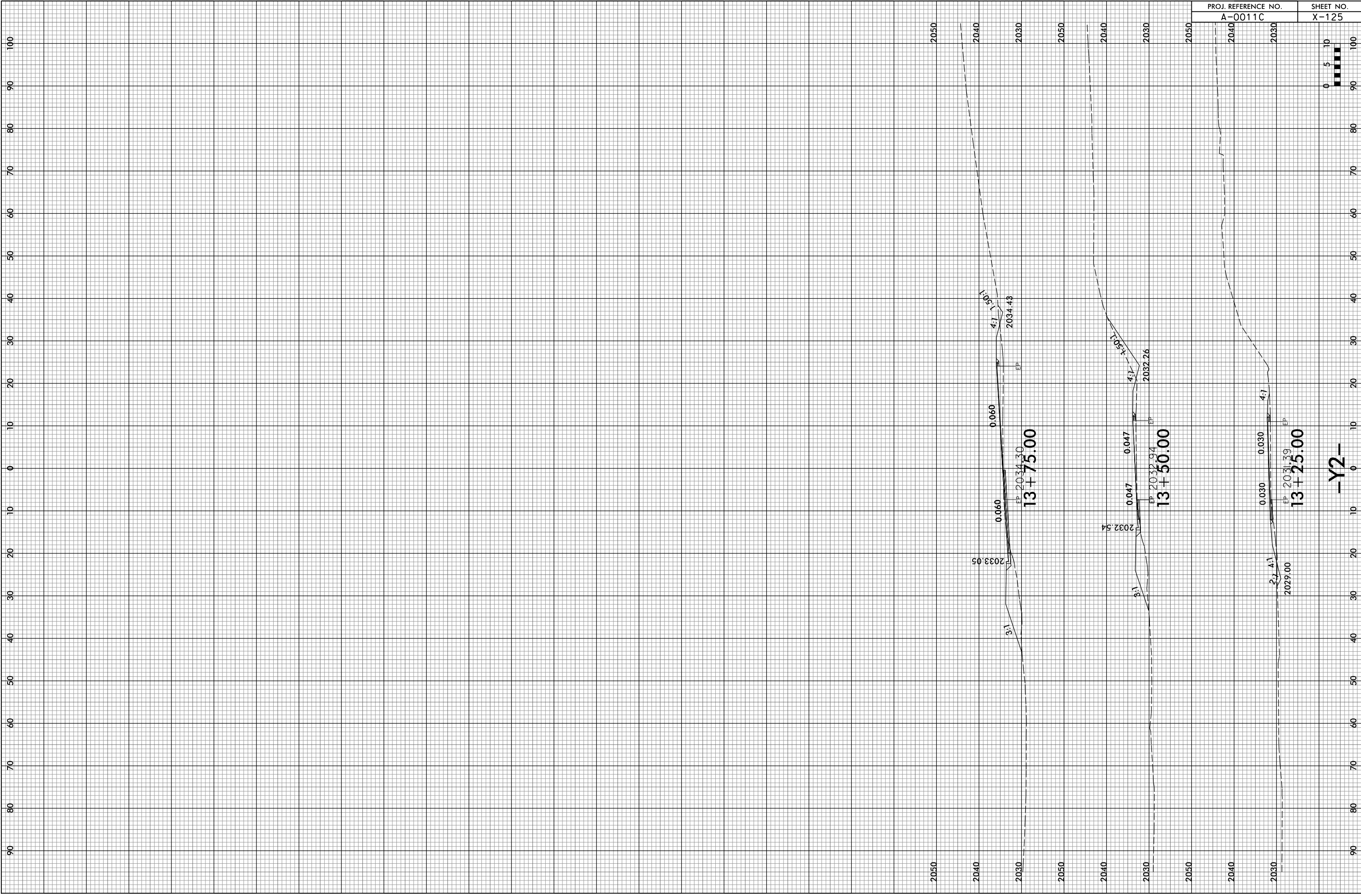




-Y1-

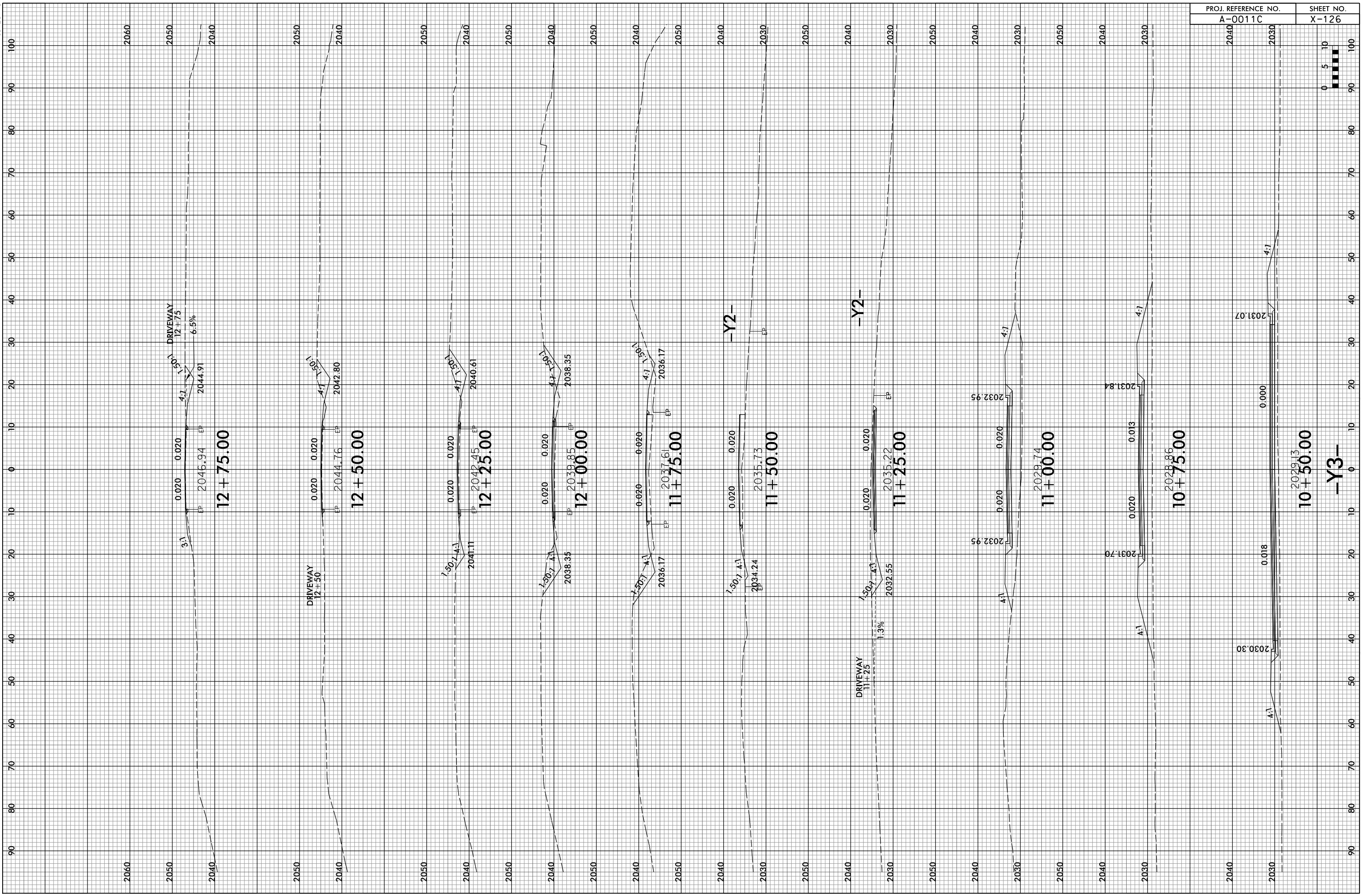


-Y2-



PROJ. REFERENCE NO.	SHEET NO.
A-0011C	X-125

-Y2-



2060
2050
2040

DRIVEWAY
12+75
6.5%
4:1
2044.91
0.020
0.020
0.020
EP 2045.94
3:1

12+75.00

2050
2040

DRIVEWAY
12+50
4:1
2042.80
0.020
0.020
EP 2044.76

12+50.00

2050
2040

4:1
2040.61
0.020
0.020
EP 2042.45

12+25.00

2050
2040

4:1
2038.35
0.020
0.020
EP 2039.85

12+00.00

2040
2050

4:1
2036.17
0.020
0.020
EP 2037.61

11+75.00

2040
2030

4:1
2034.24
0.020
0.020
EP 2035.73

11+50.00

2040
2030

DRIVEWAY
11+25
1.3%
4:1
2032.55
0.020
0.020
EP 2035.22

11+25.00

2050
2040
2030

4:1
2032.95
0.020
0.020
EP 2029.74

11+00.00

2040
2030

4:1
2031.70
0.020
0.013
EP 2028.86

10+75.00

2040
2030

4:1
2030.30
0.018
EP 2031.07

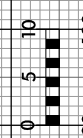
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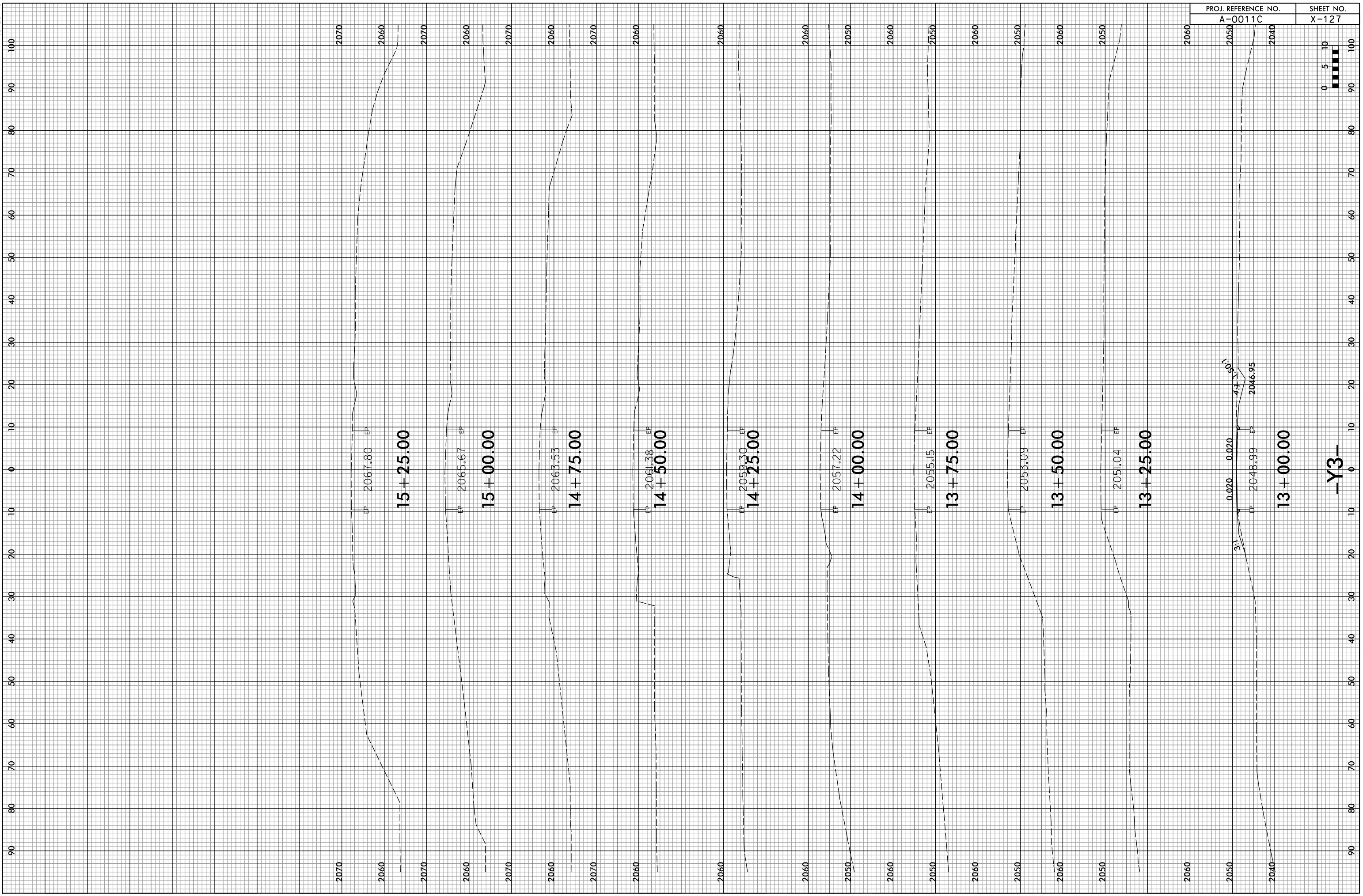
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2040
2050
2060

4:1
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EP 2031.07

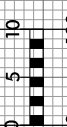
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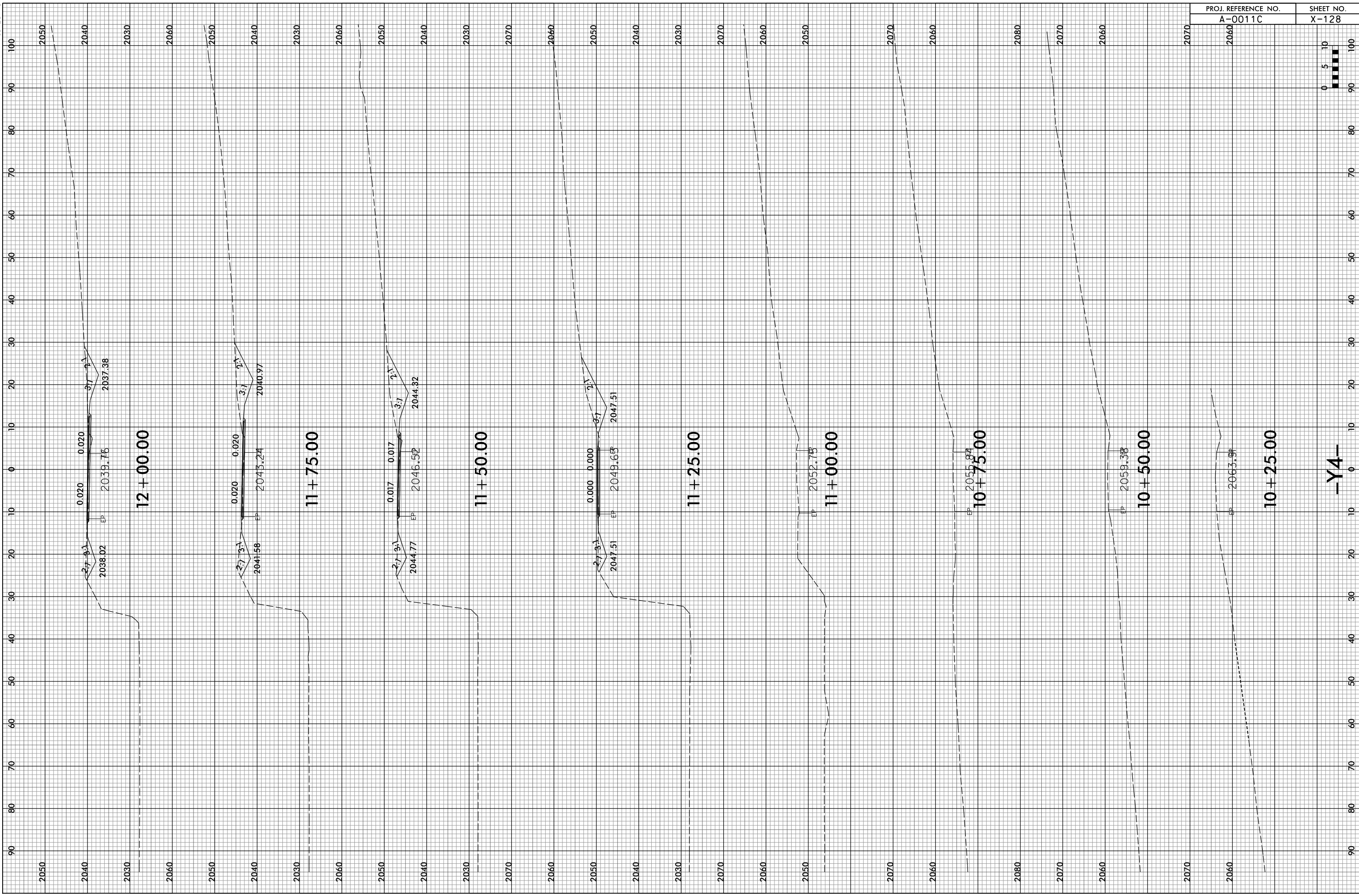
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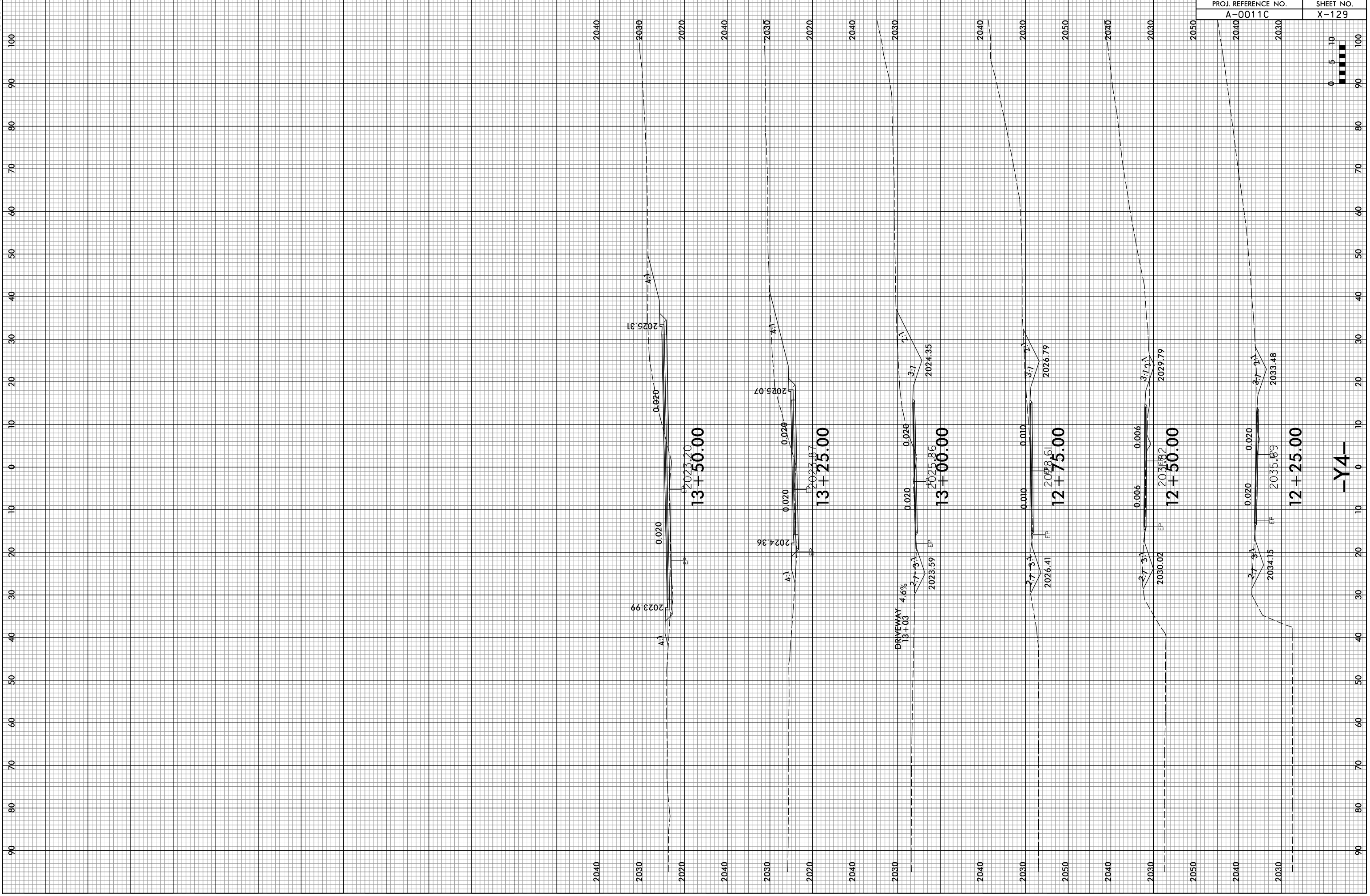


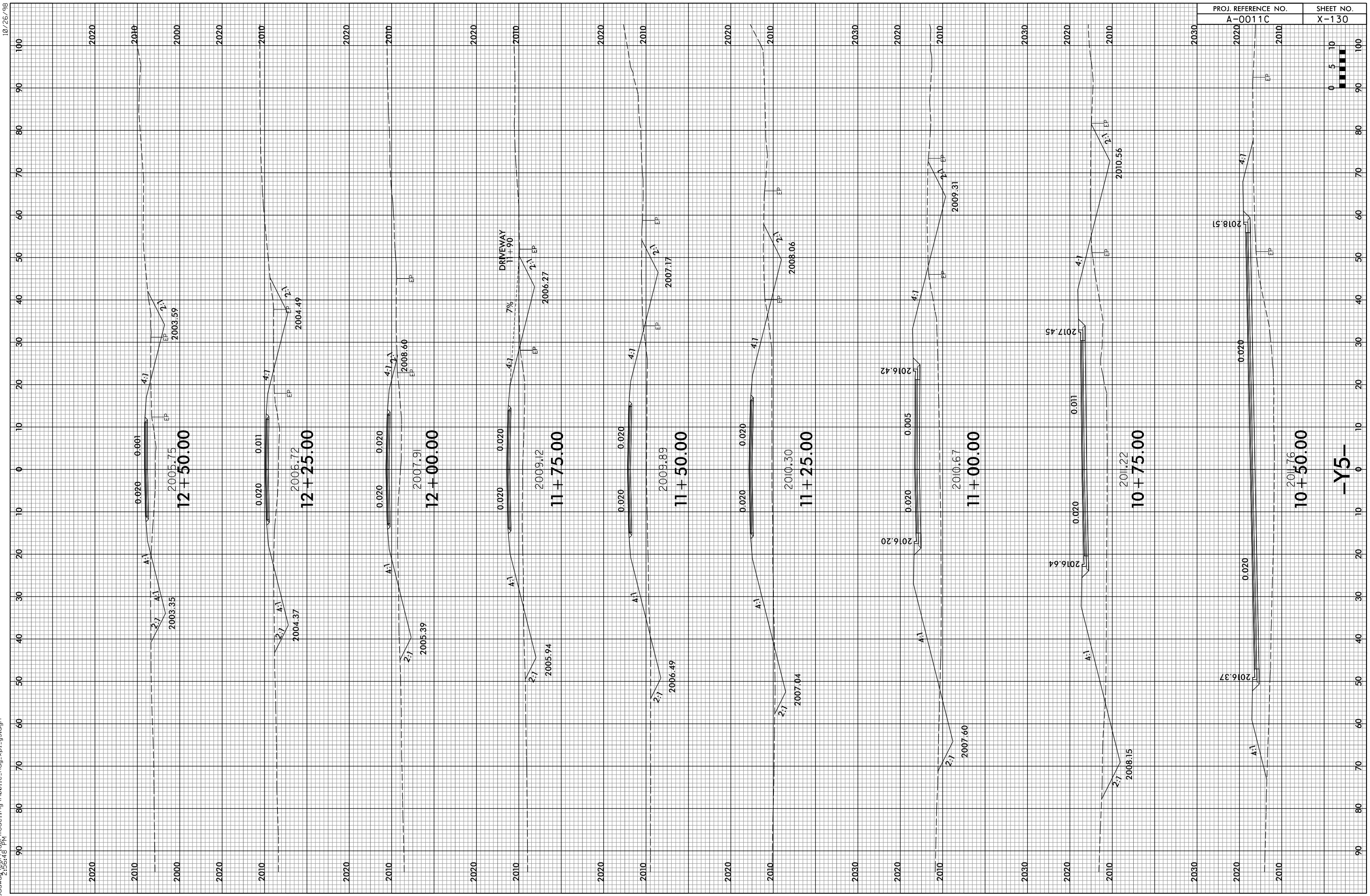
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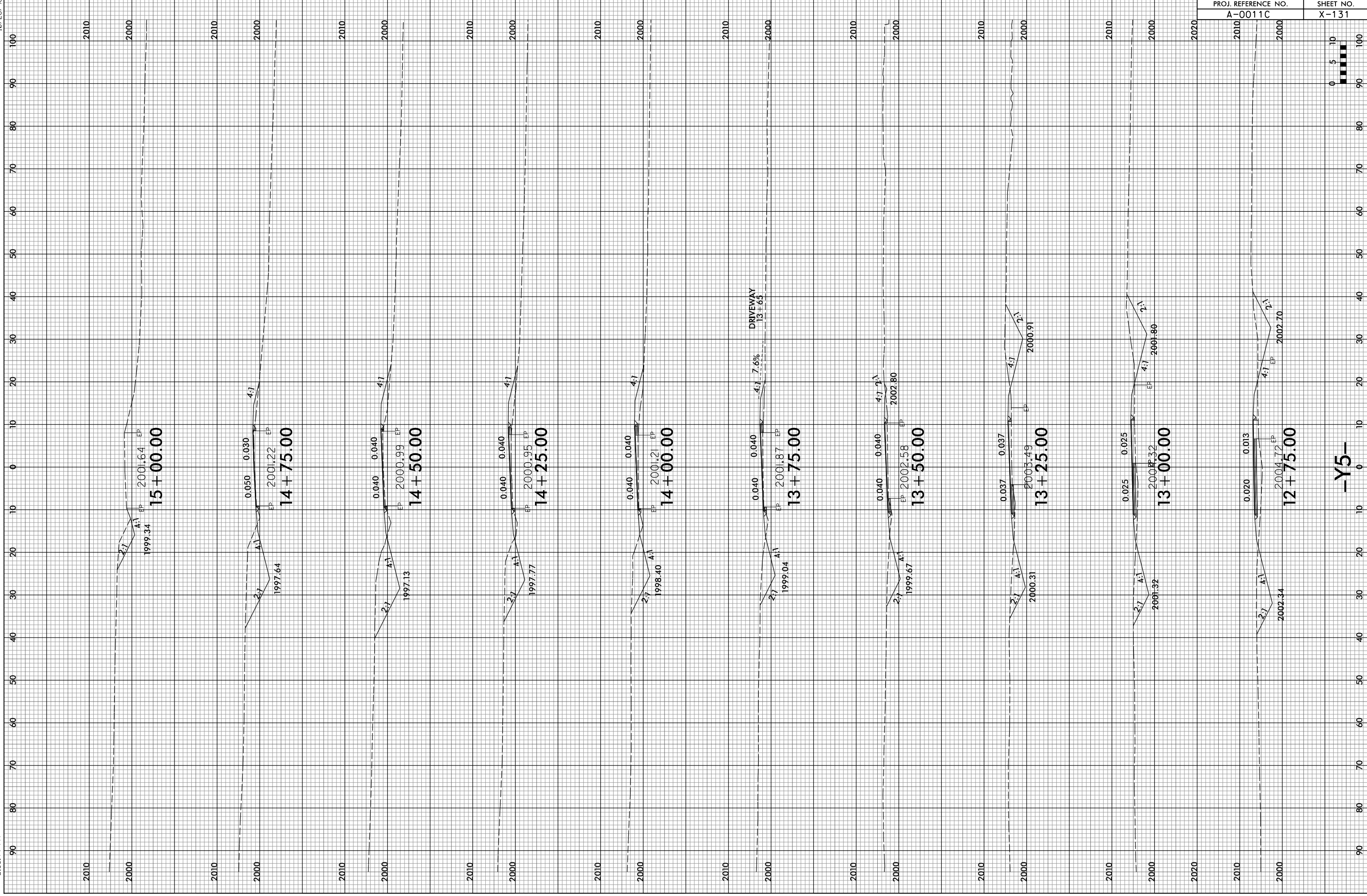


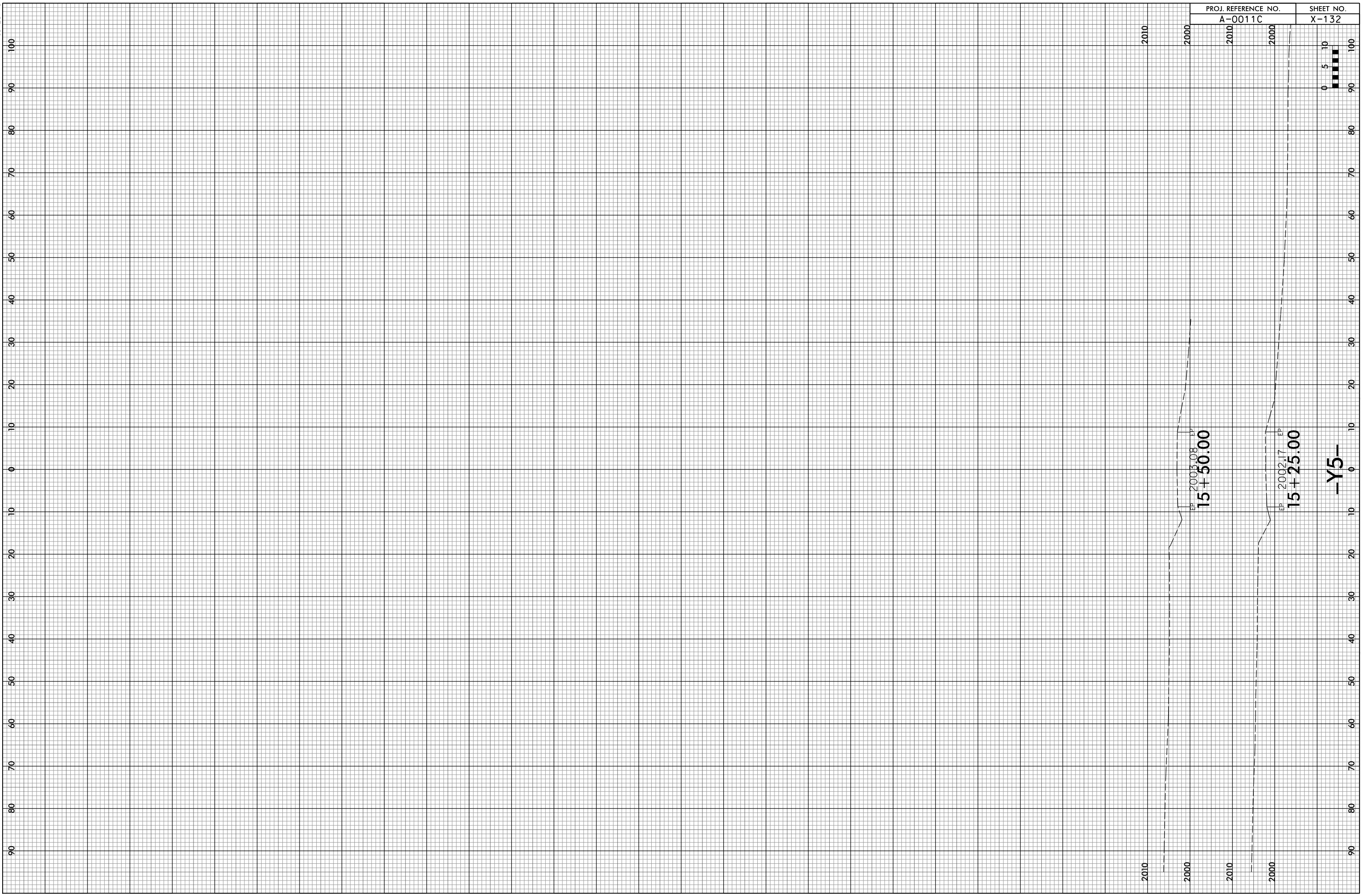
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-Y5-





2010

2000

2010

2000

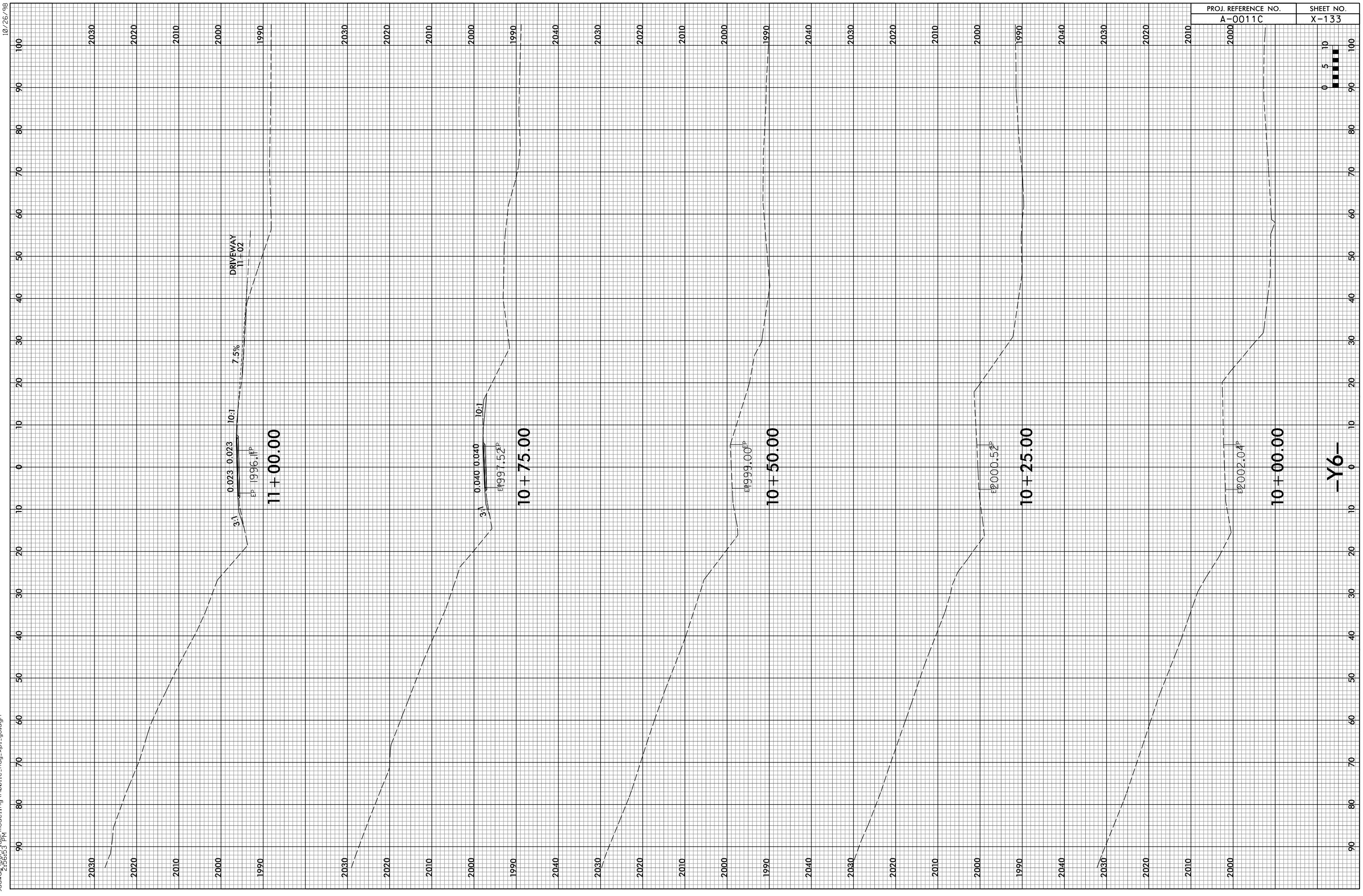
2010

2000

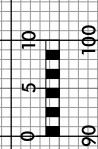
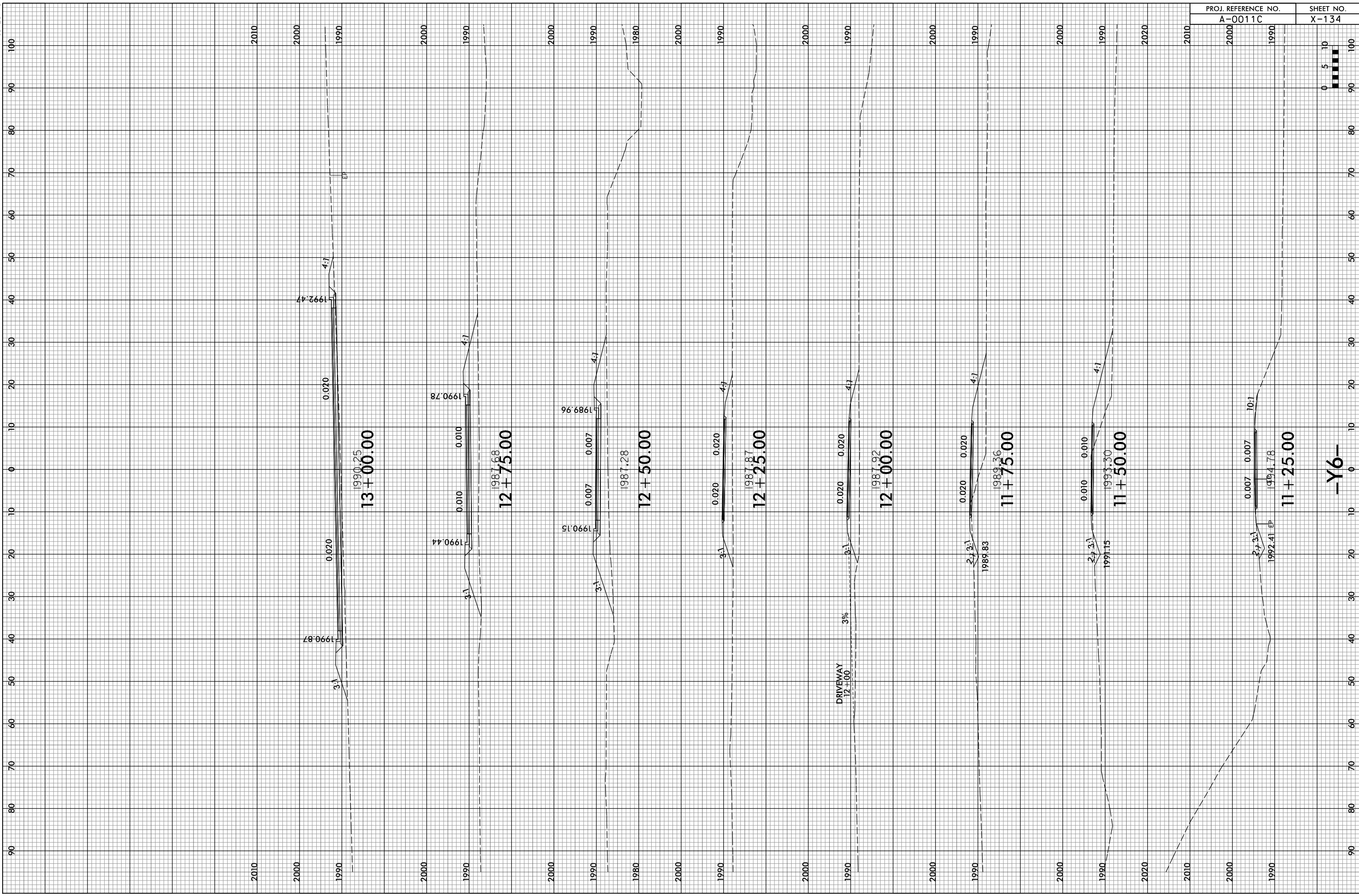
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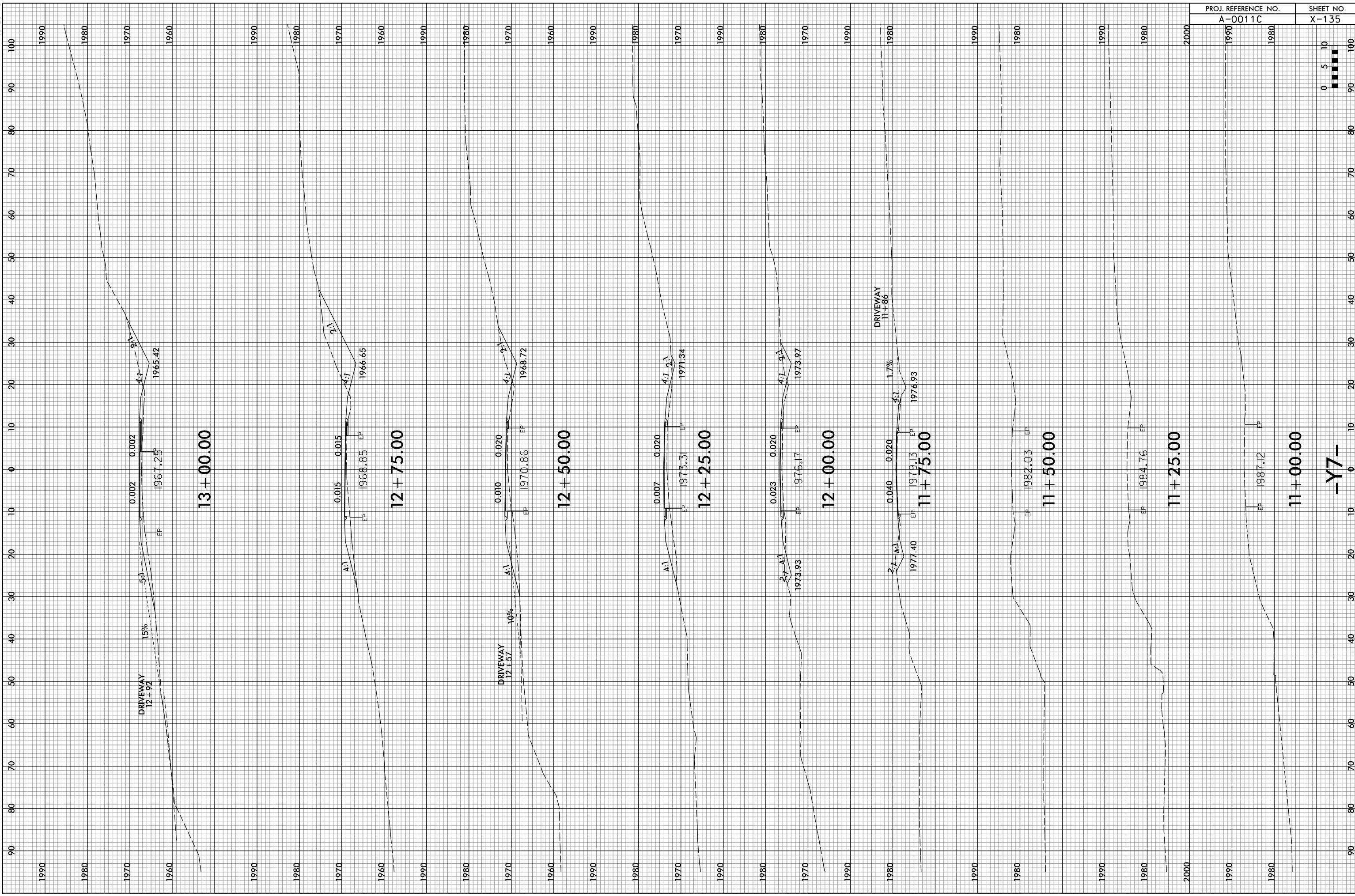
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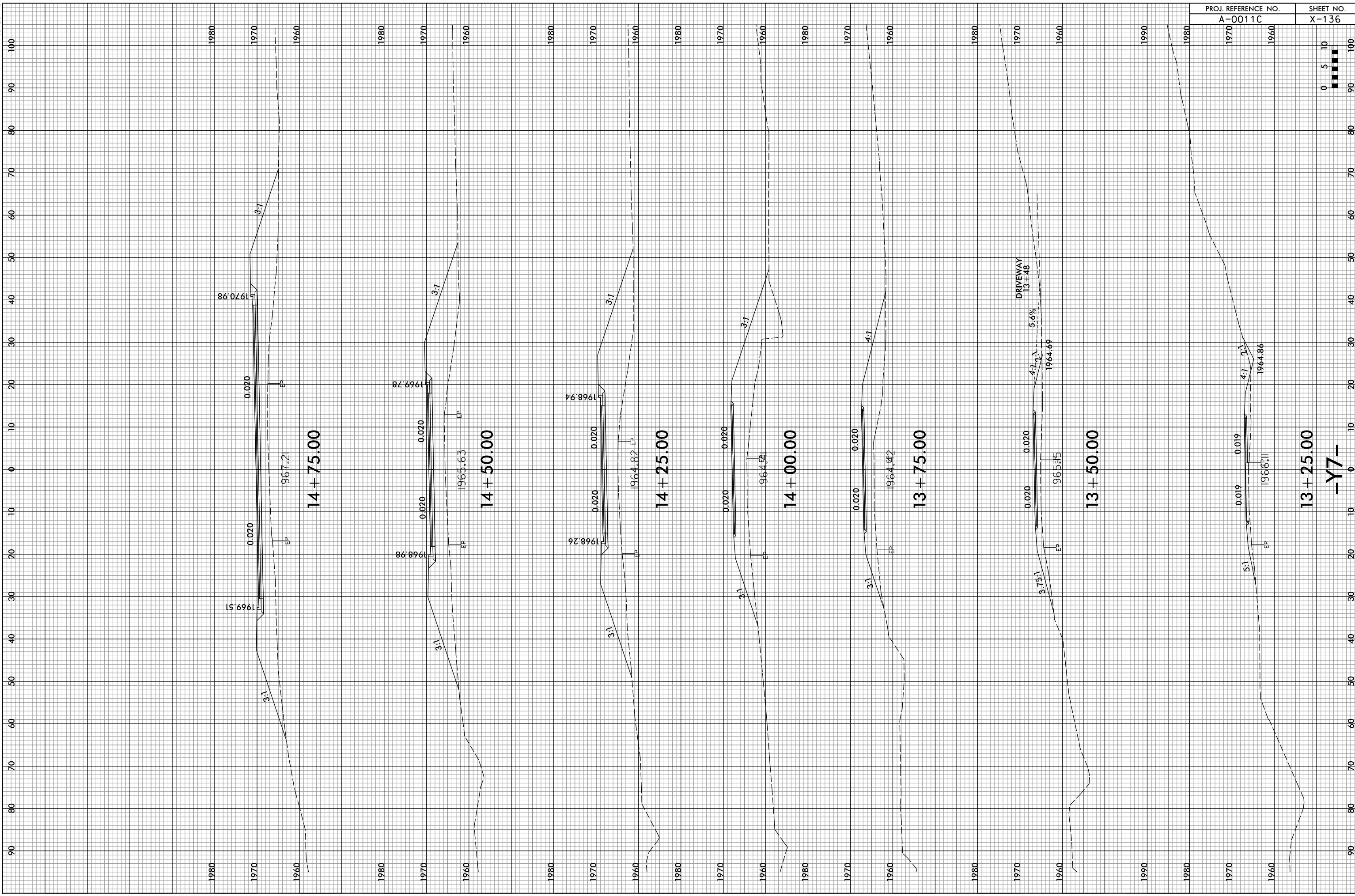
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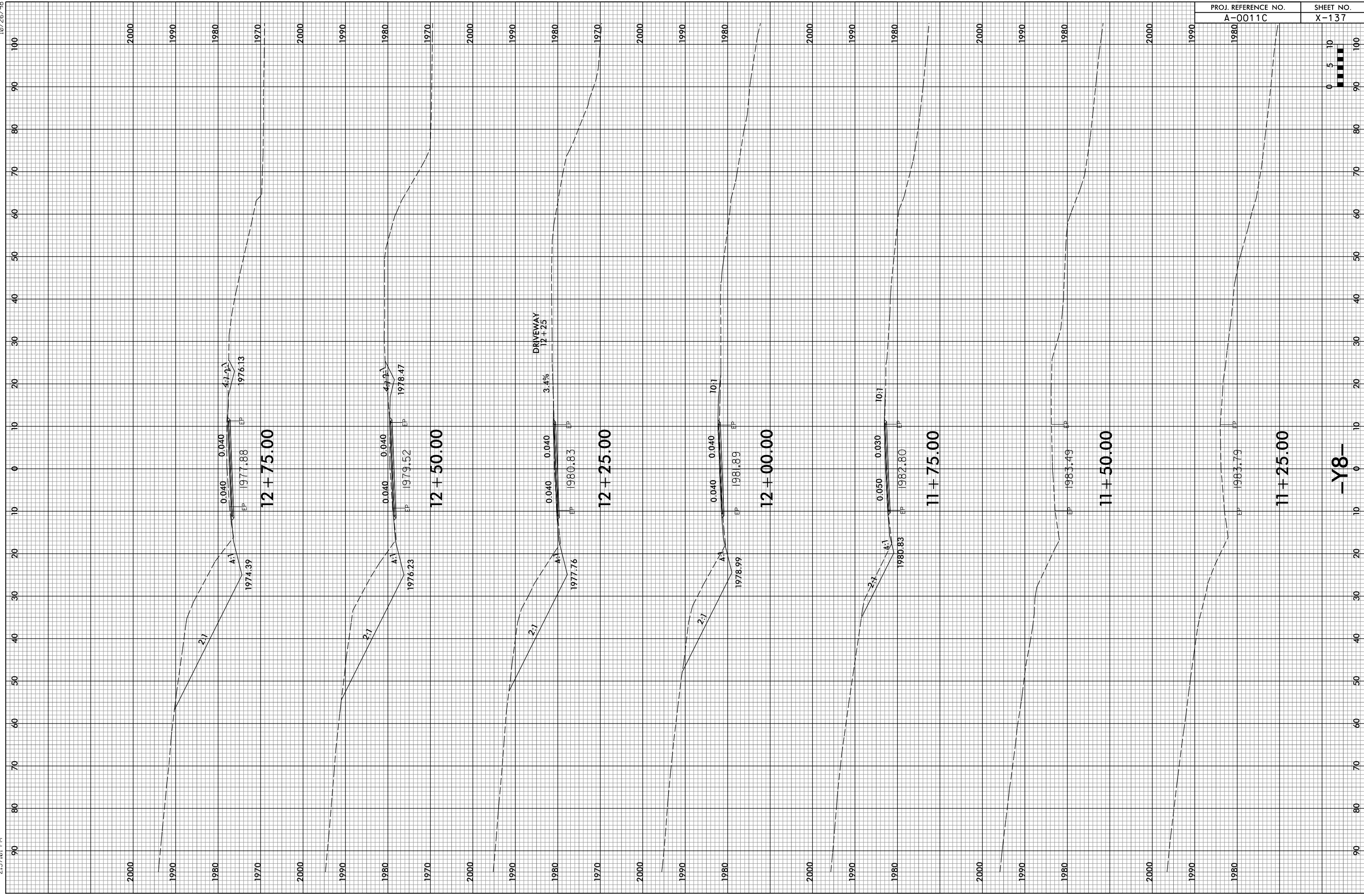
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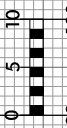


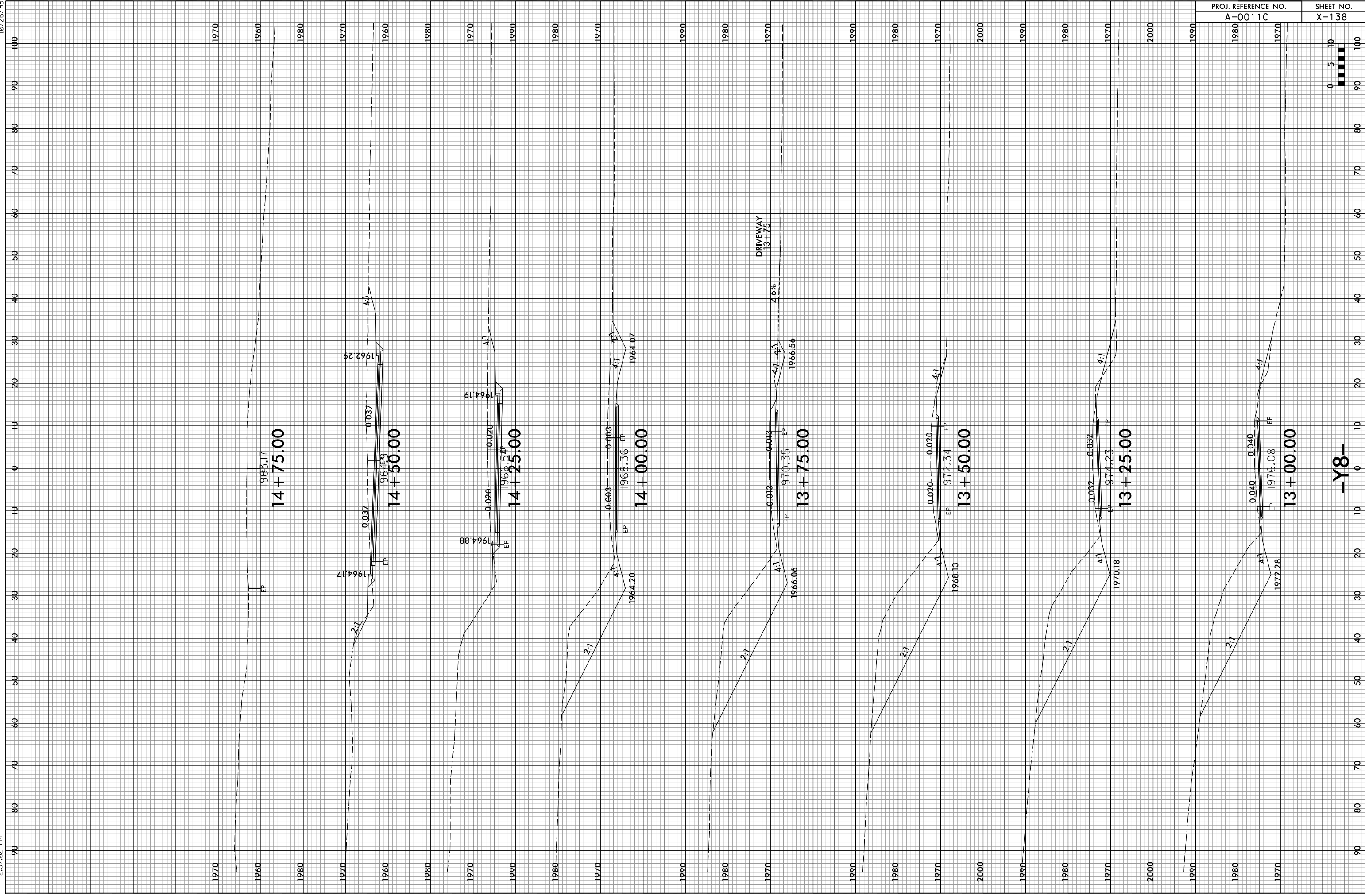
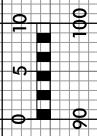


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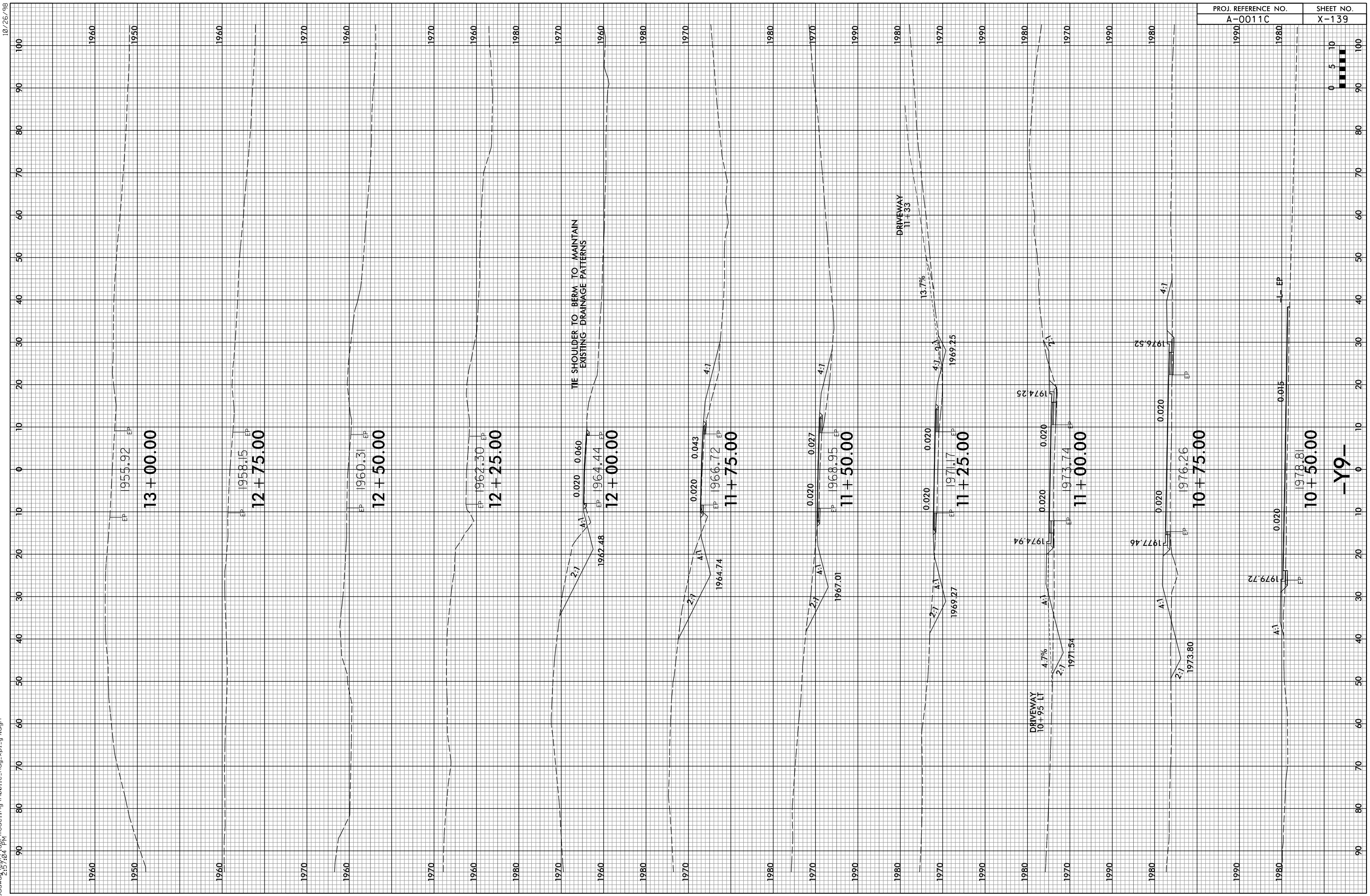


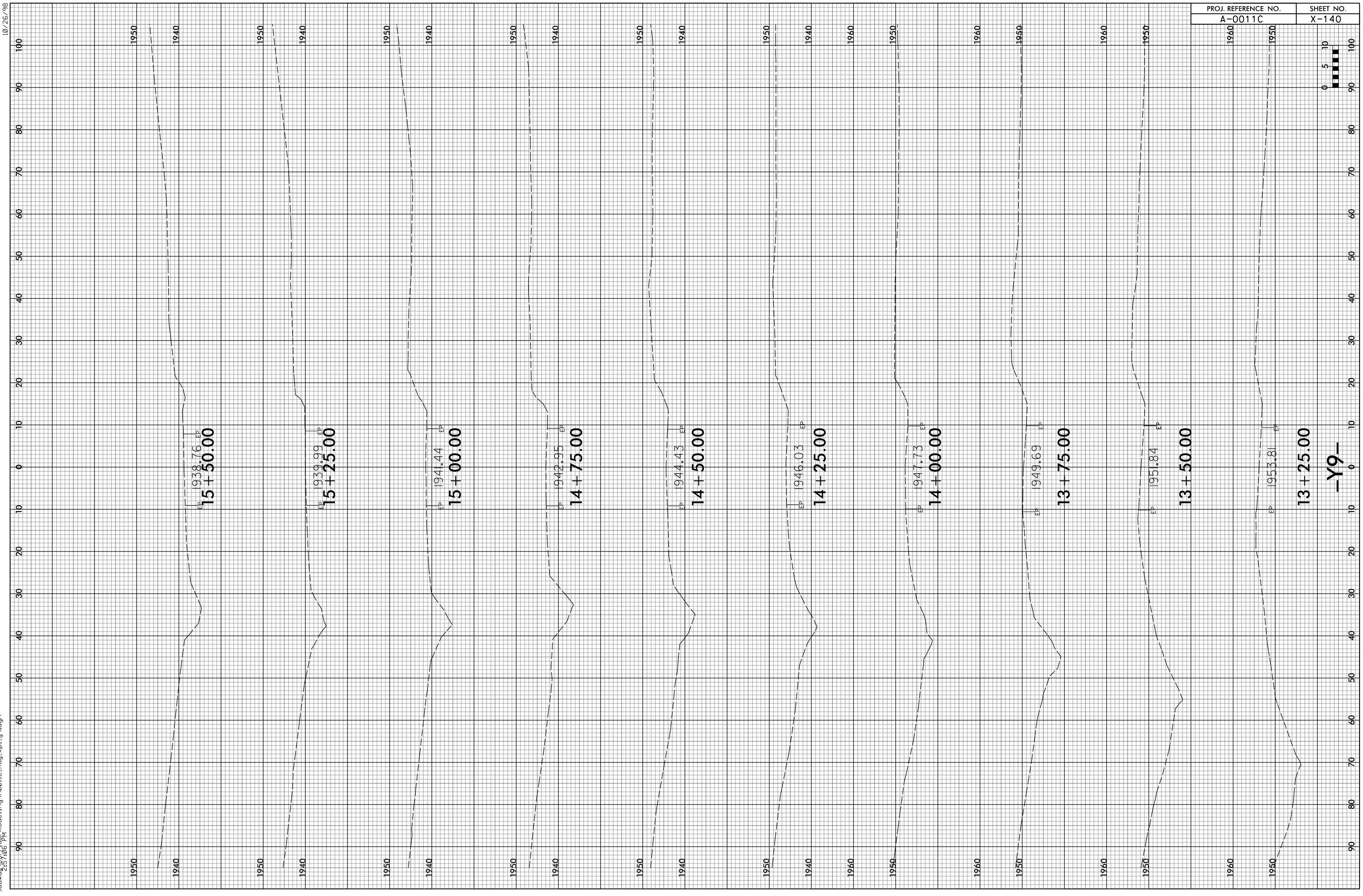
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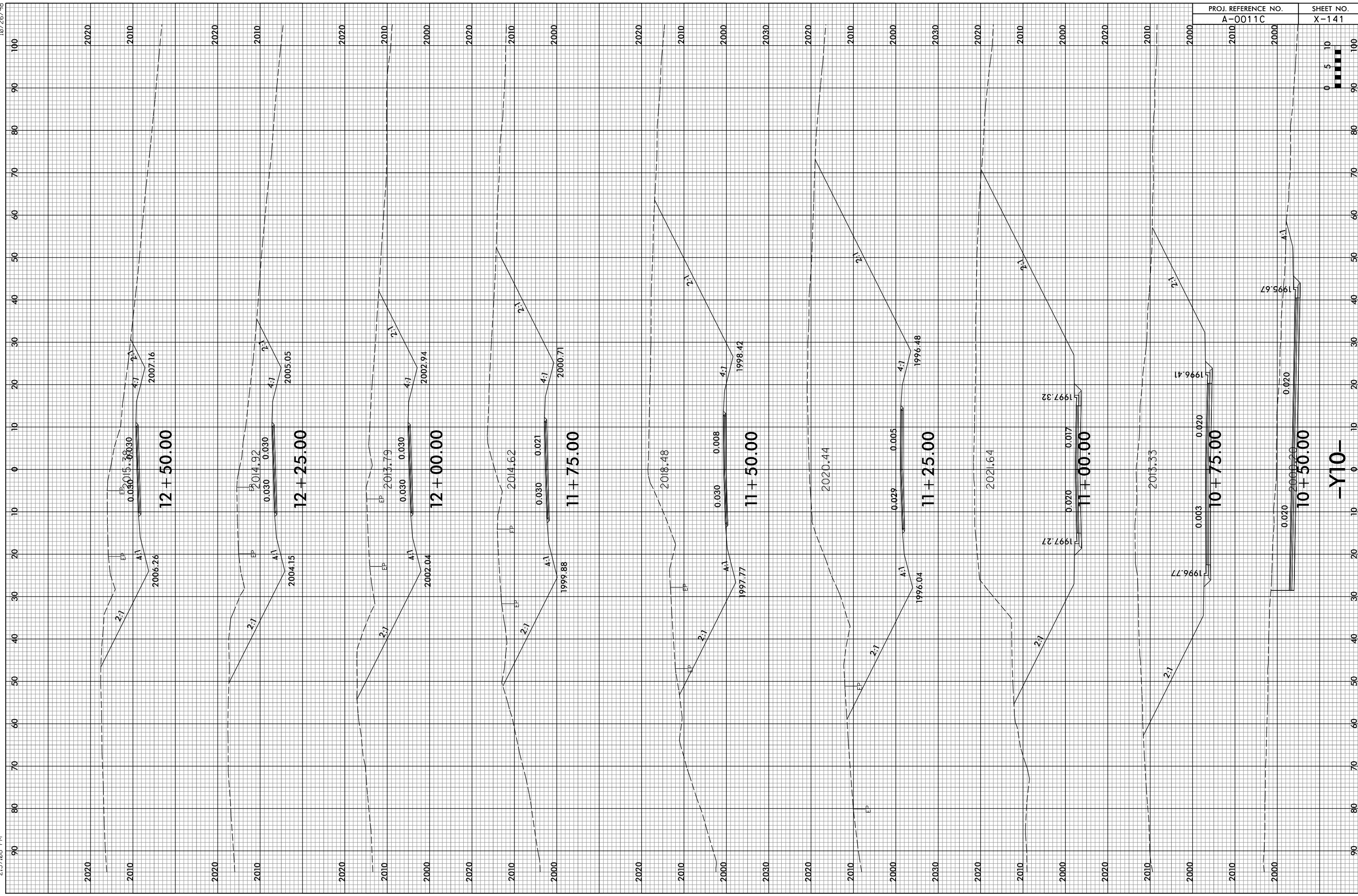


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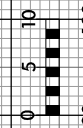


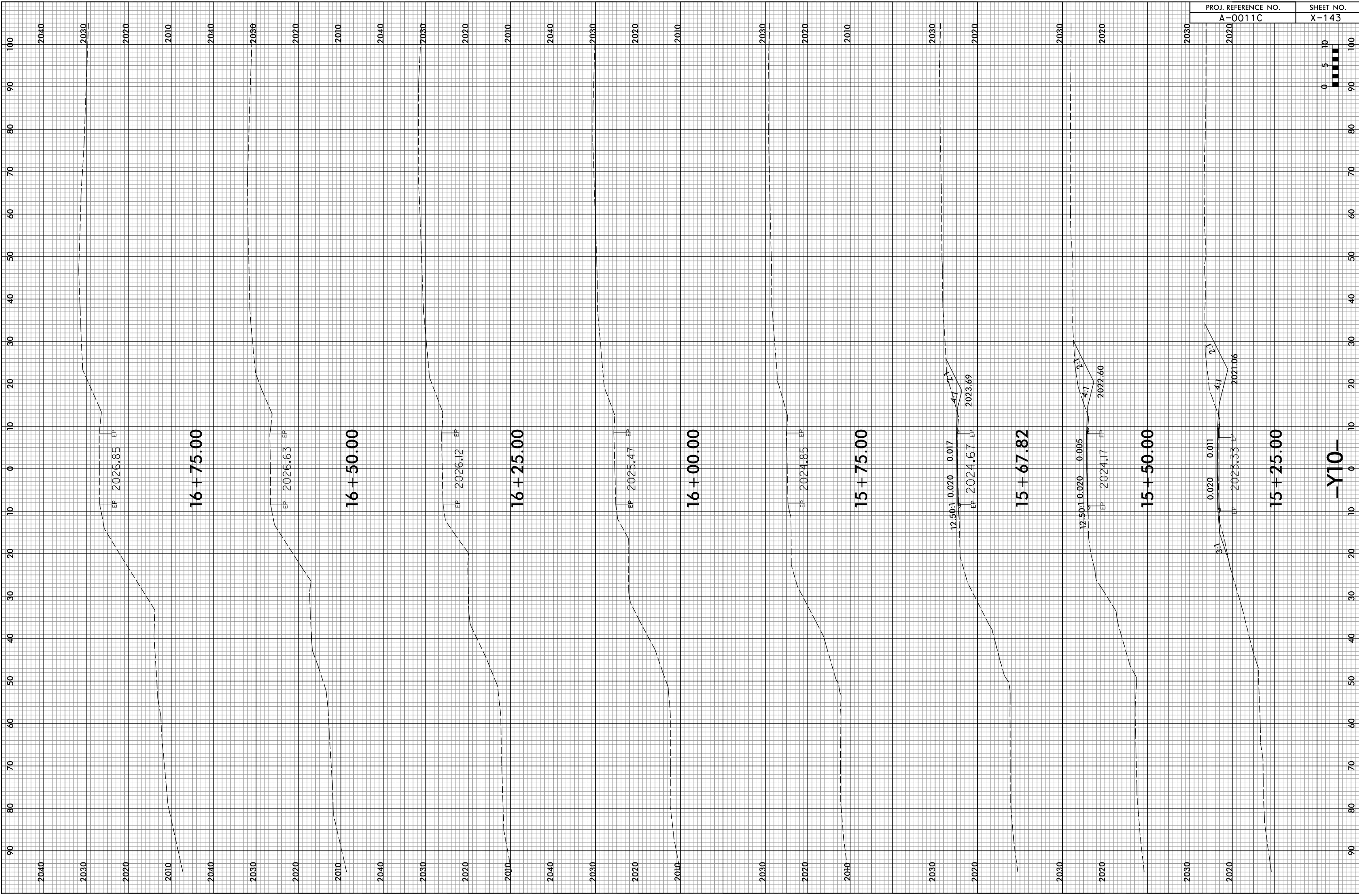


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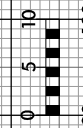


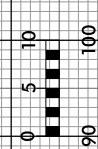
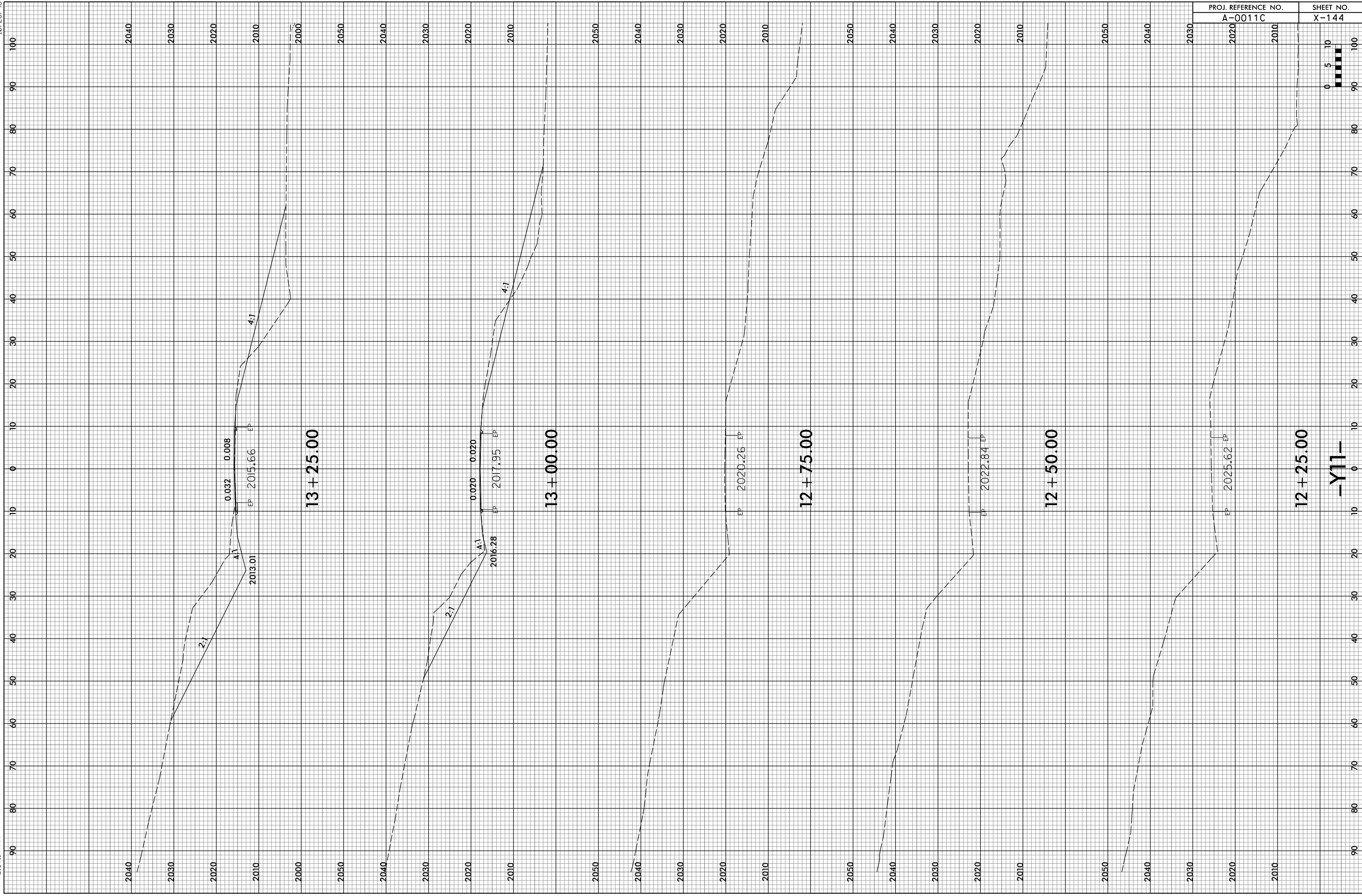
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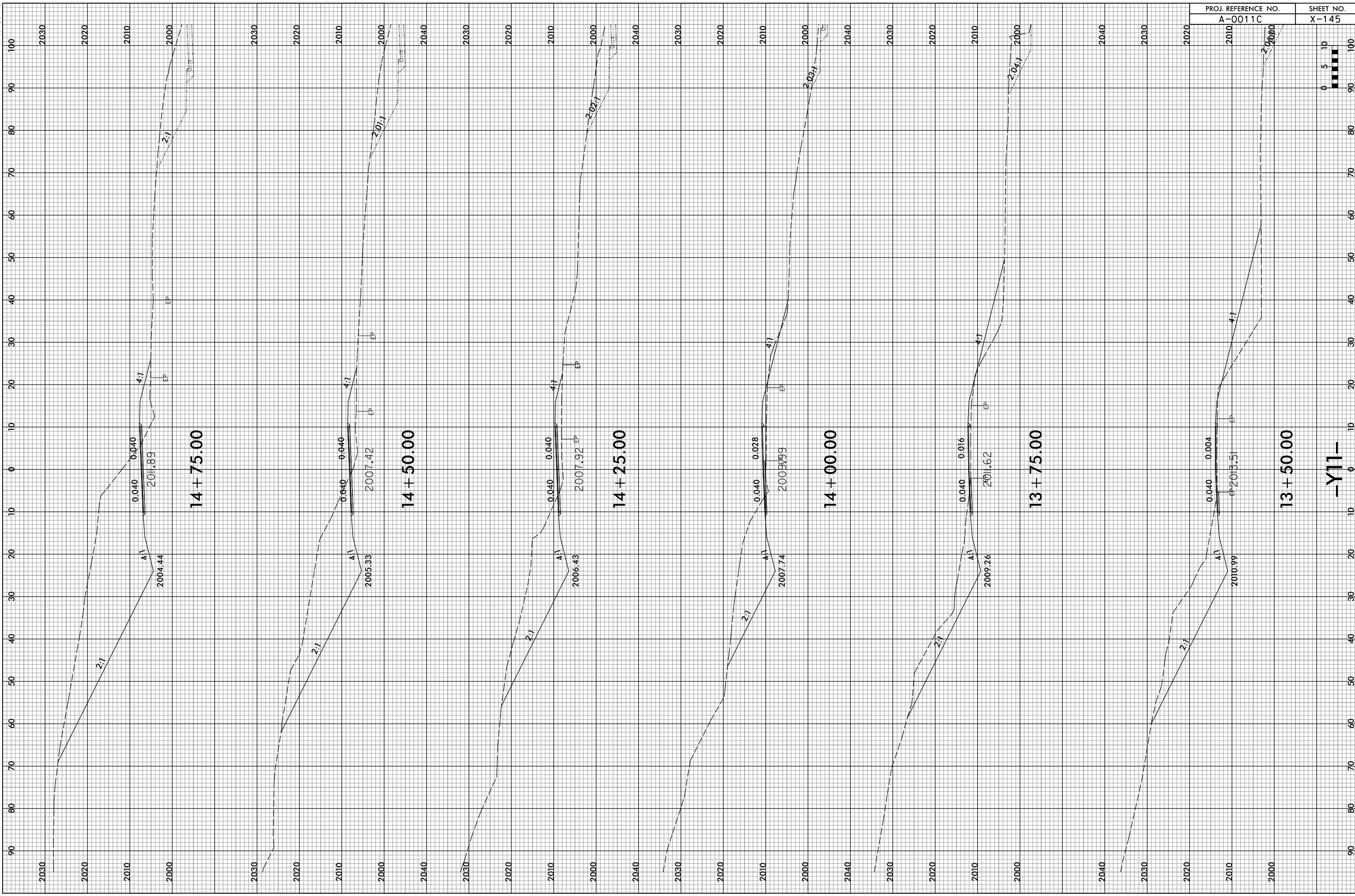
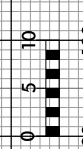


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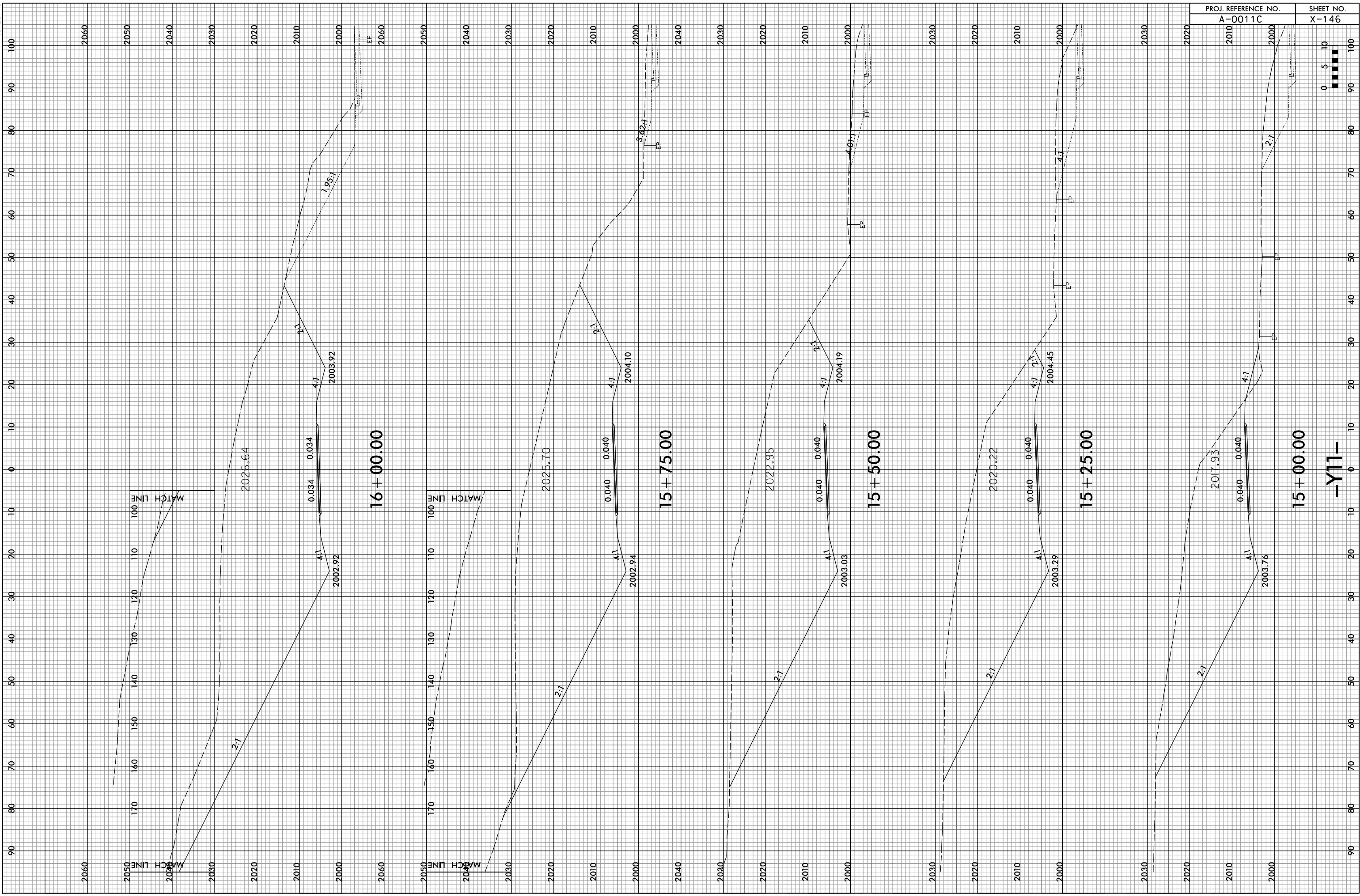




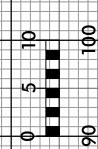
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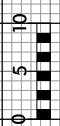
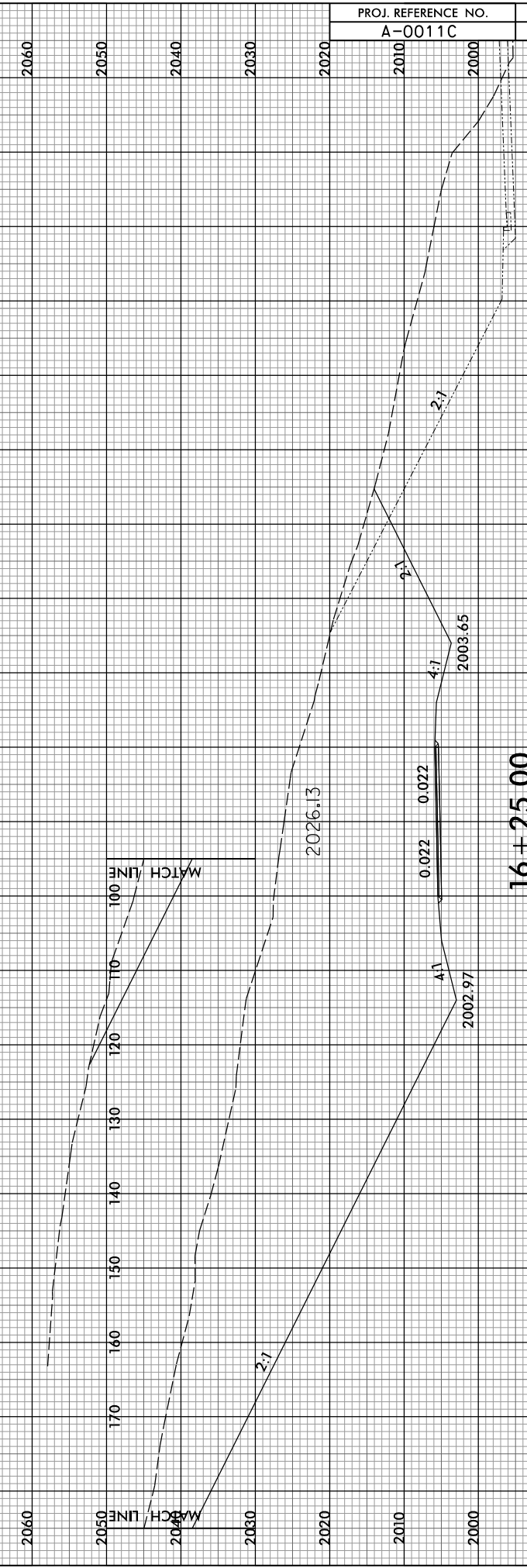
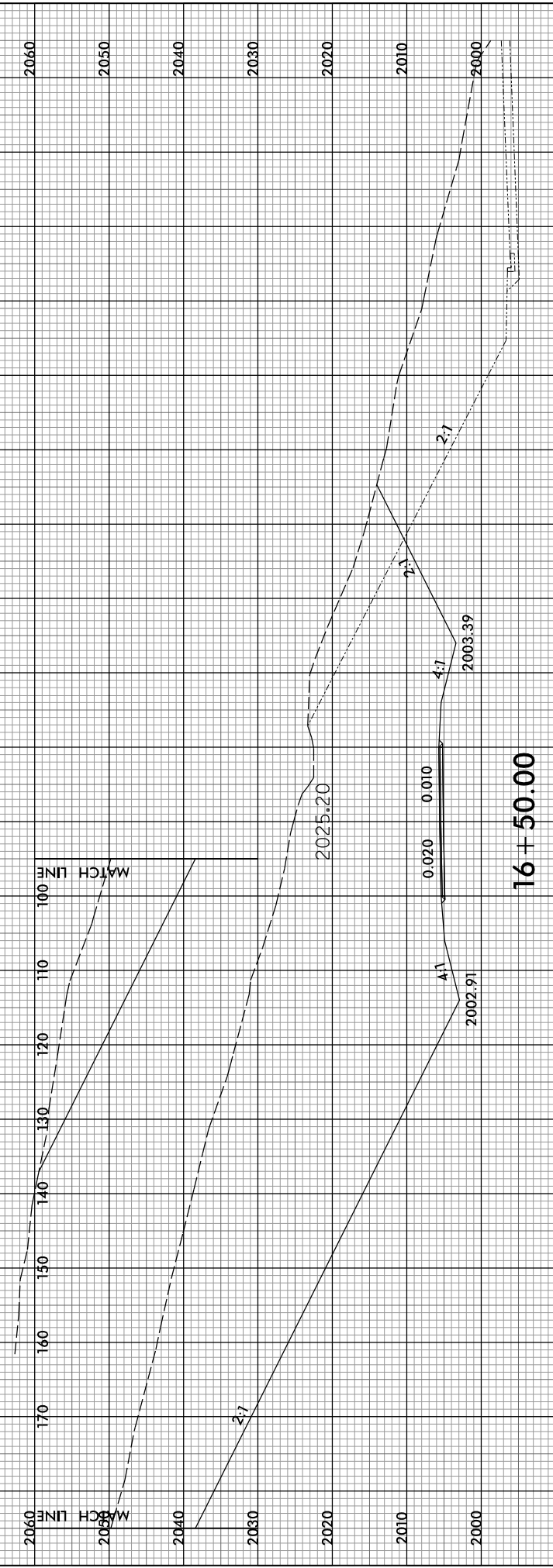
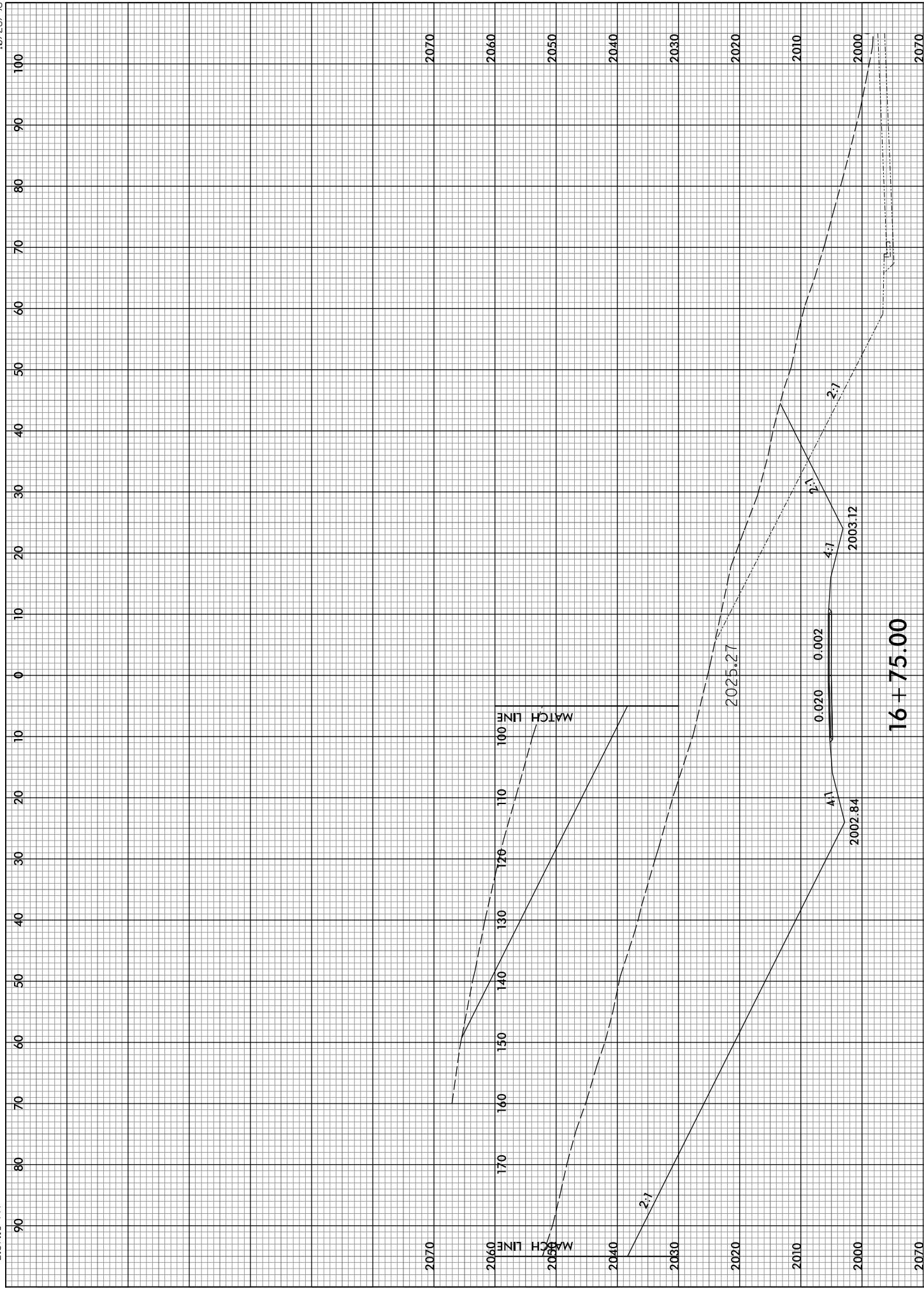
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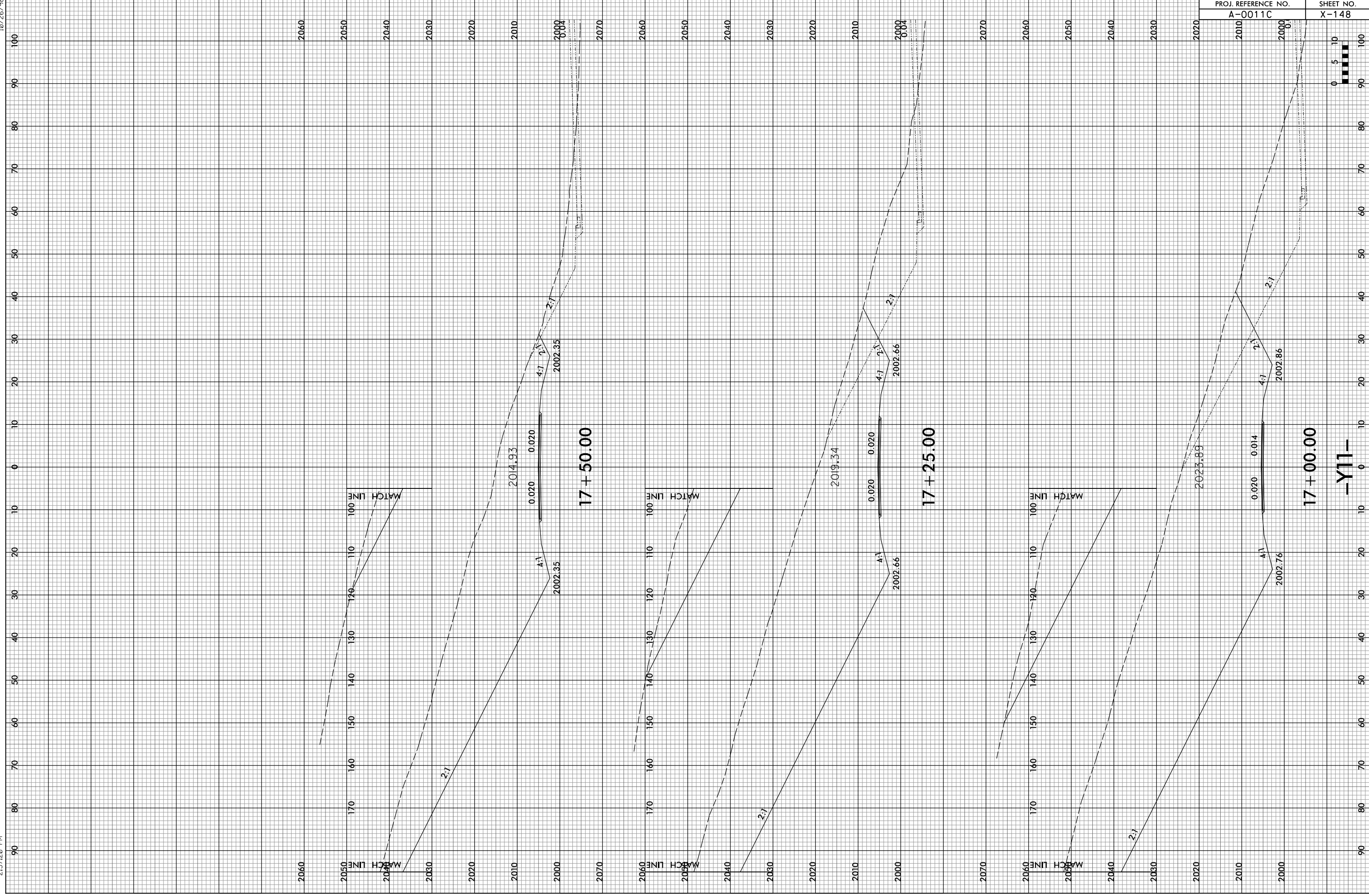


PROJ. REFERENCE NO.	SHEET NO.
A-0011C	X-146



-Y11-



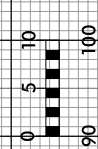
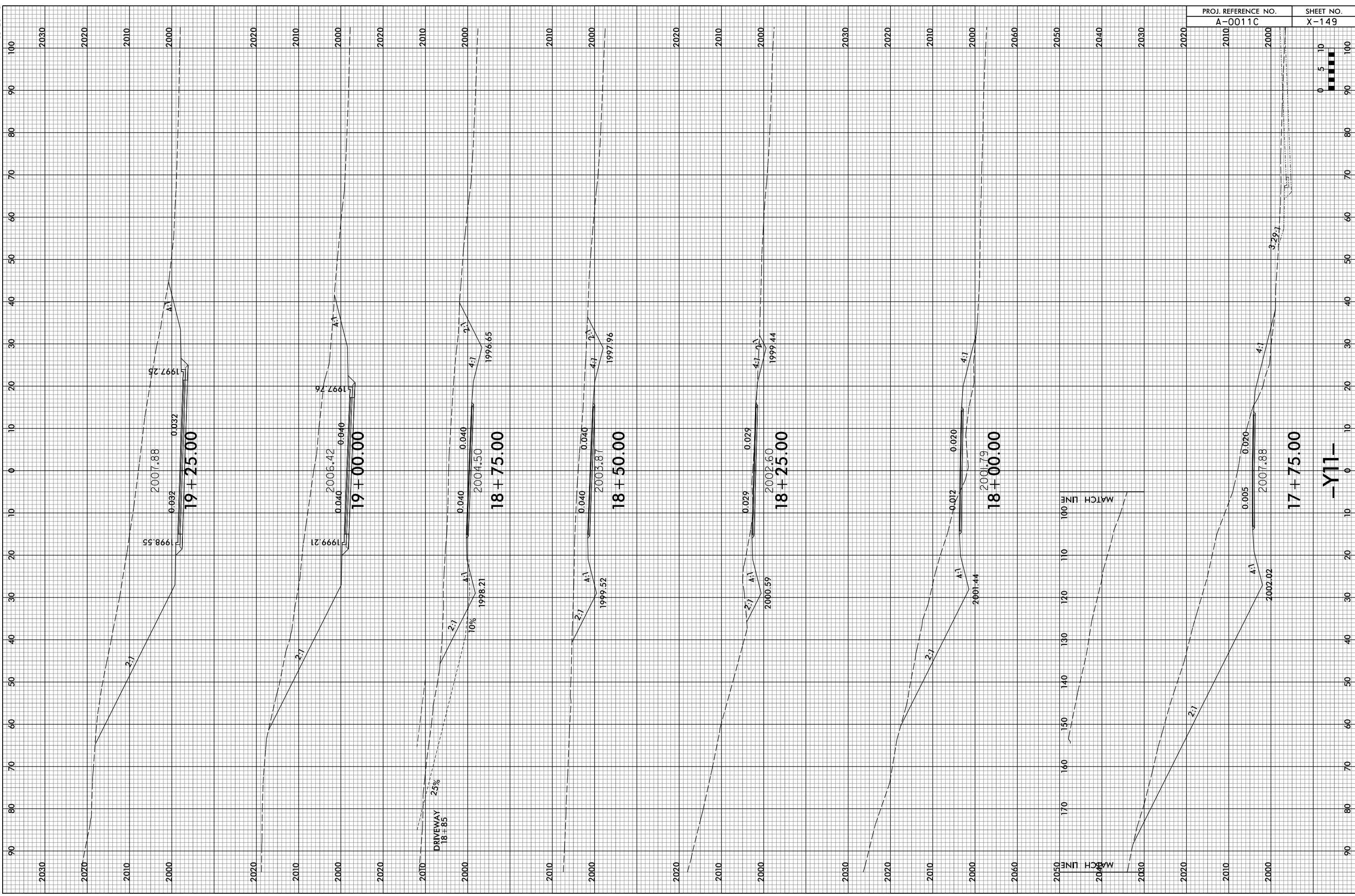


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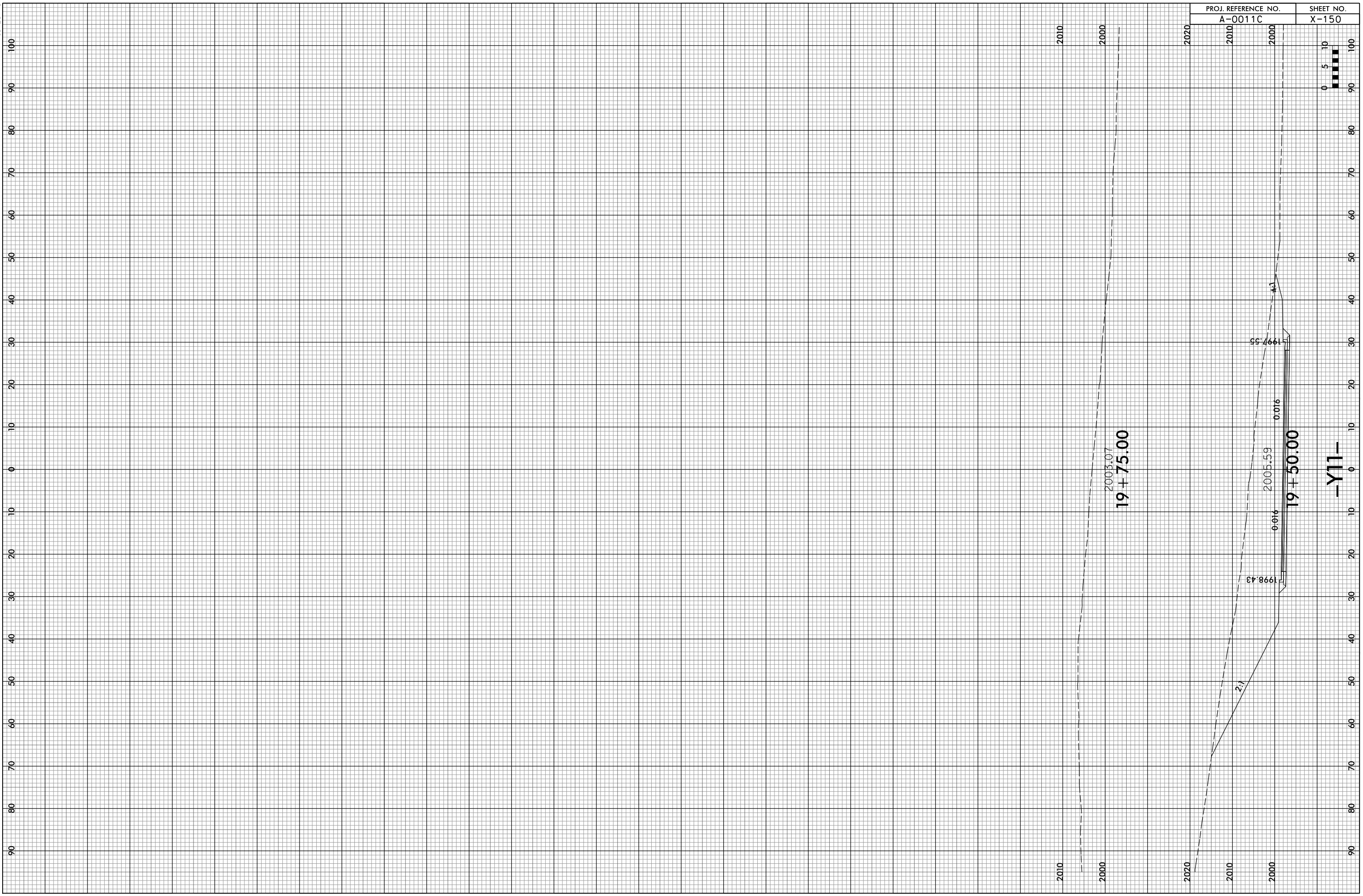
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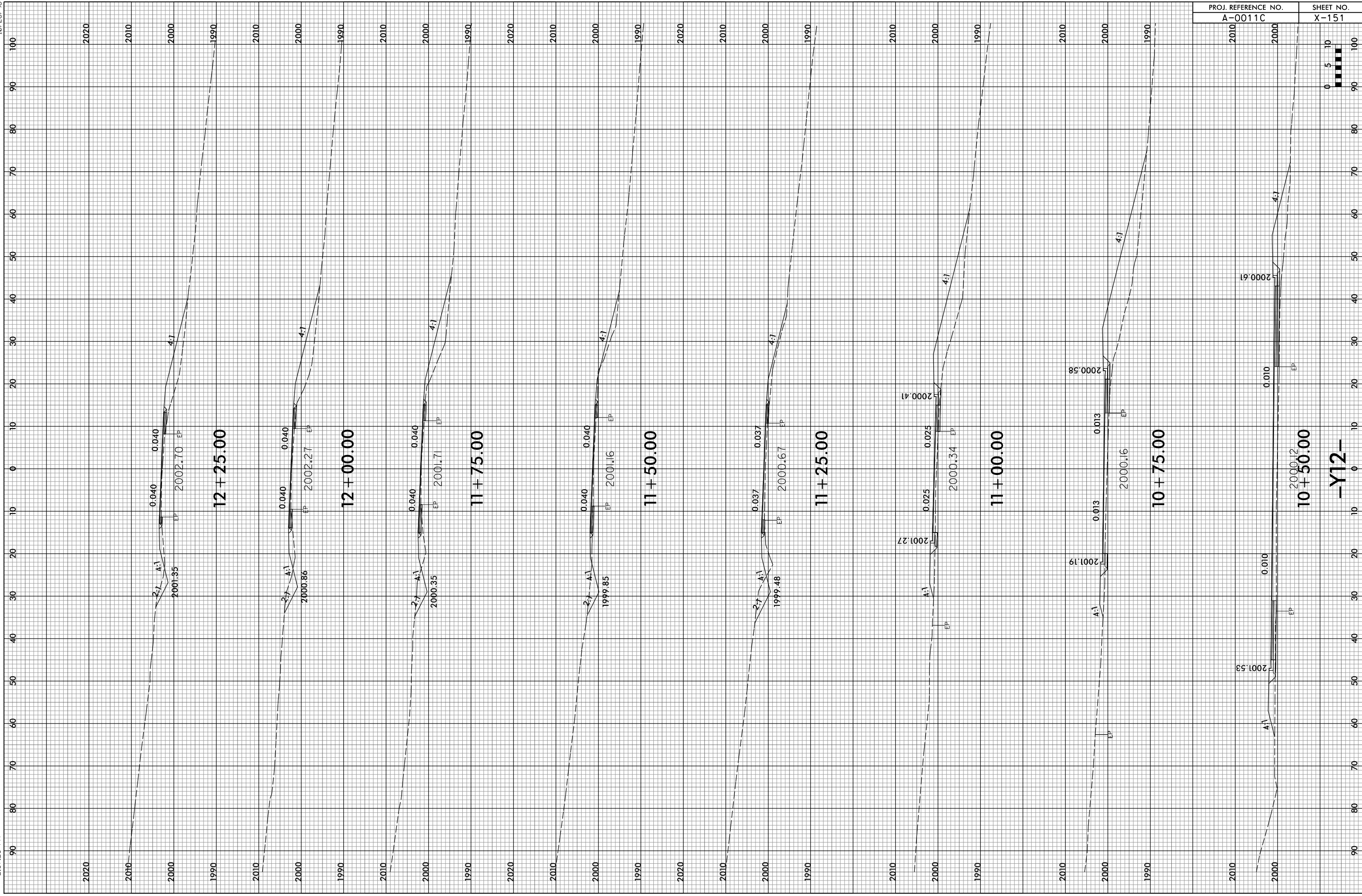
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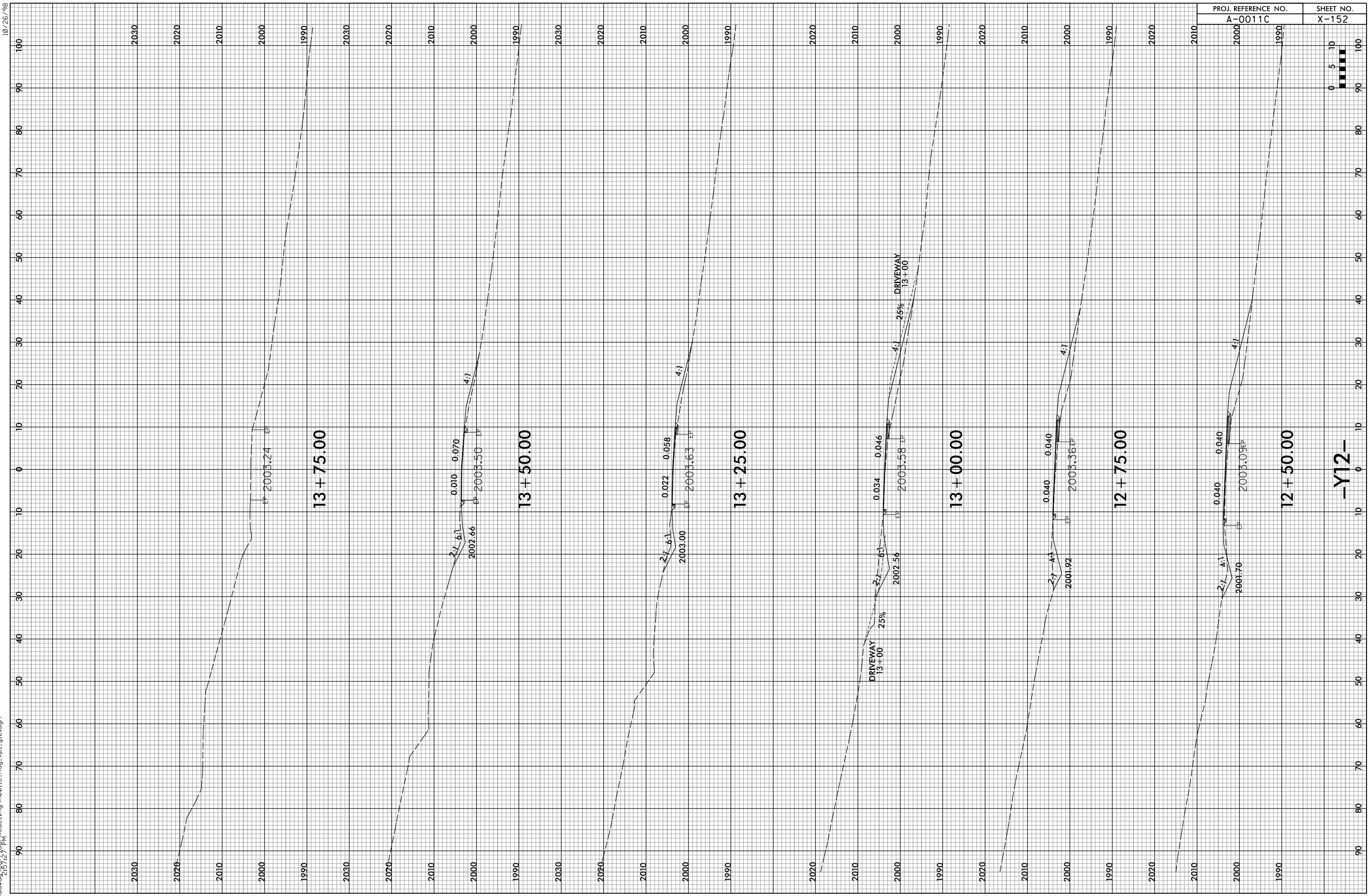
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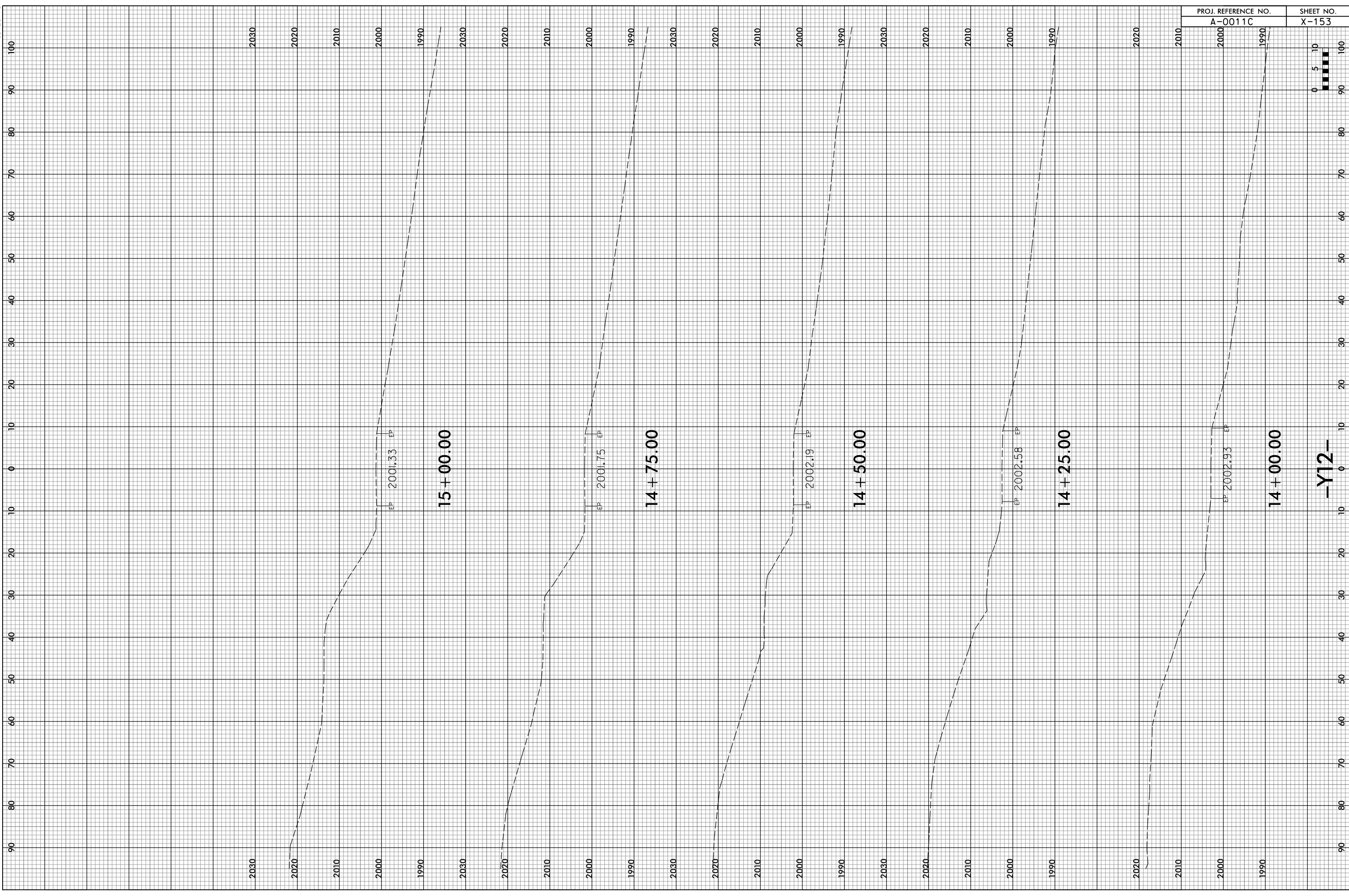
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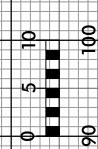
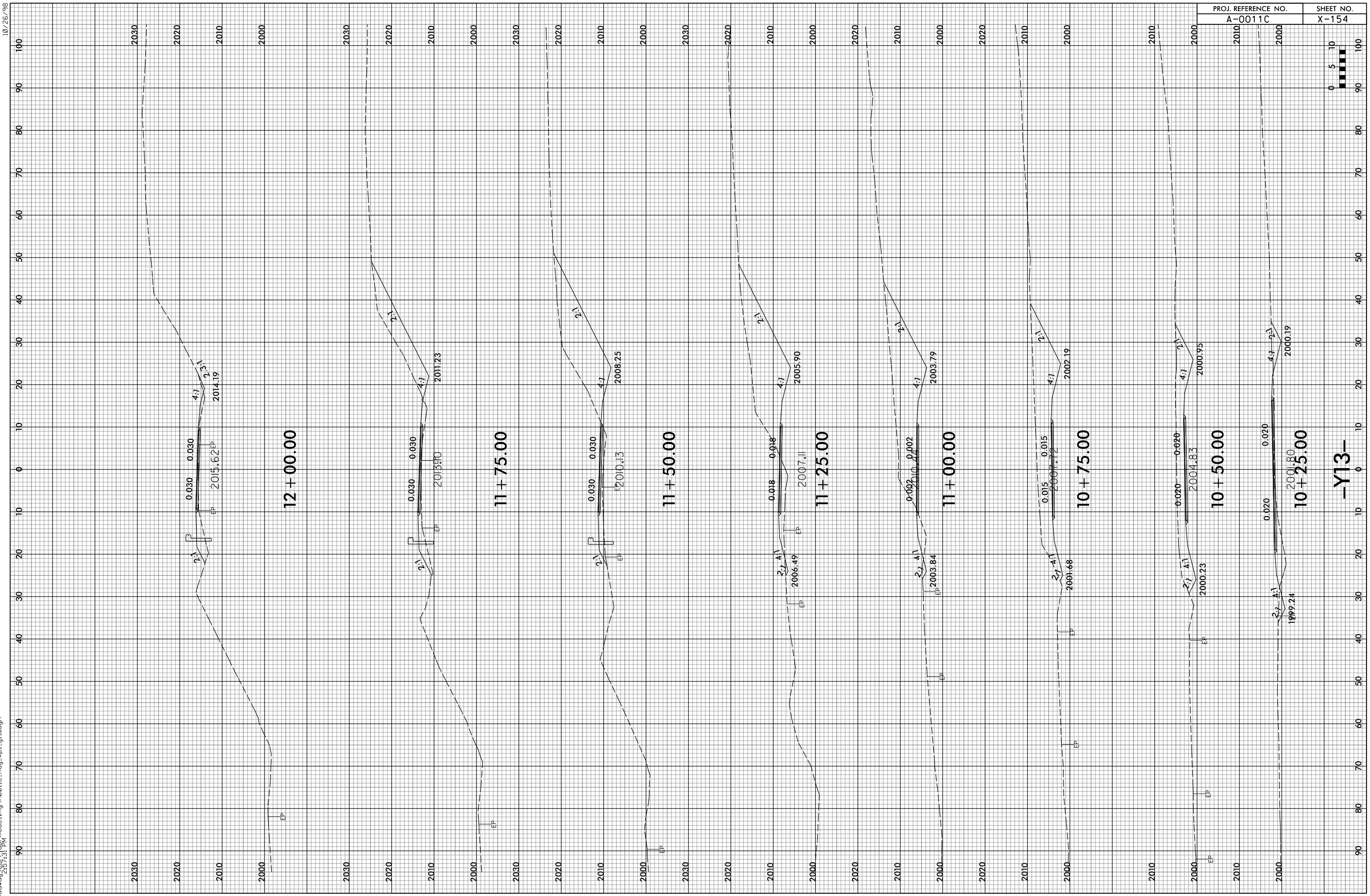


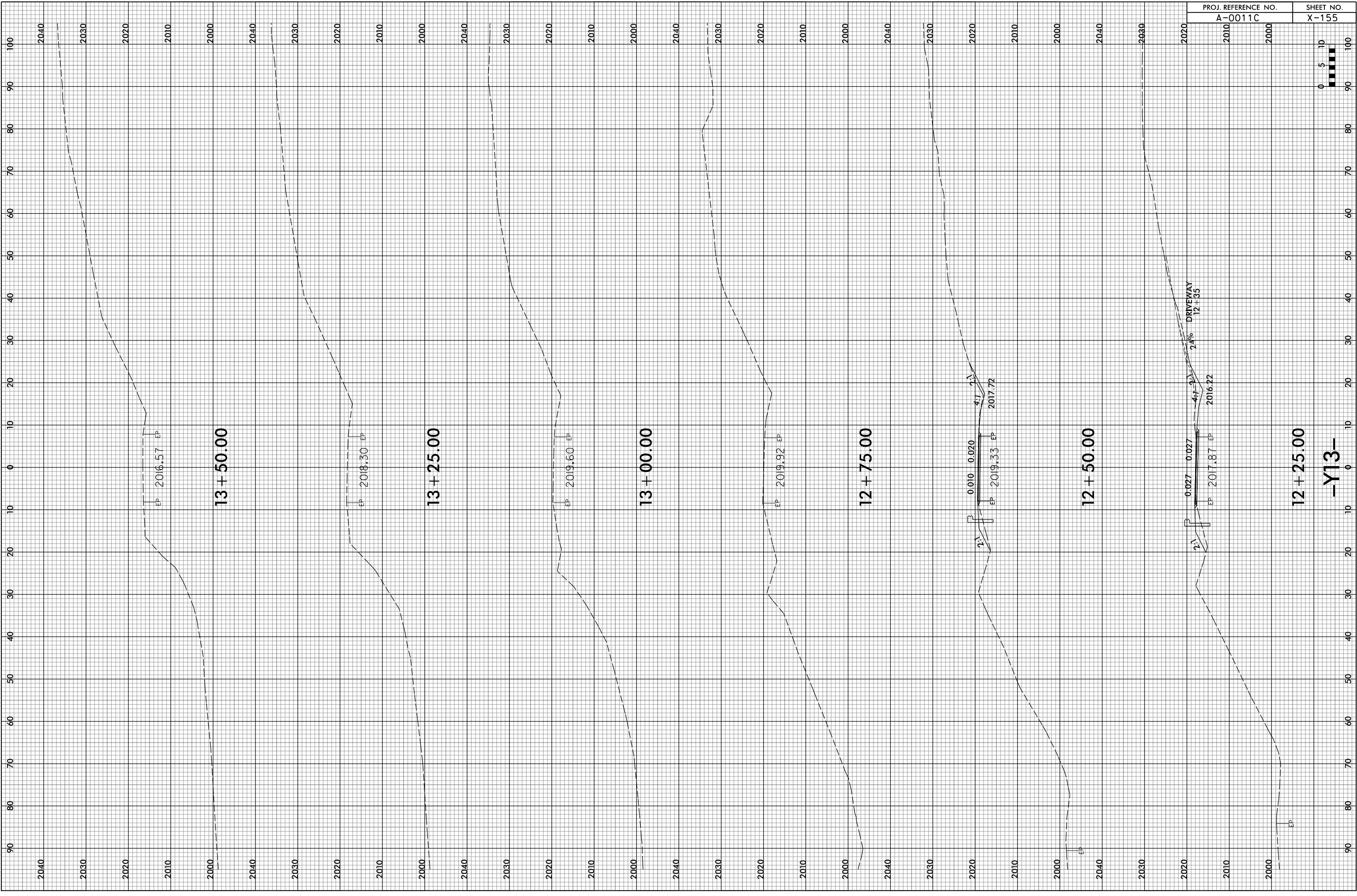


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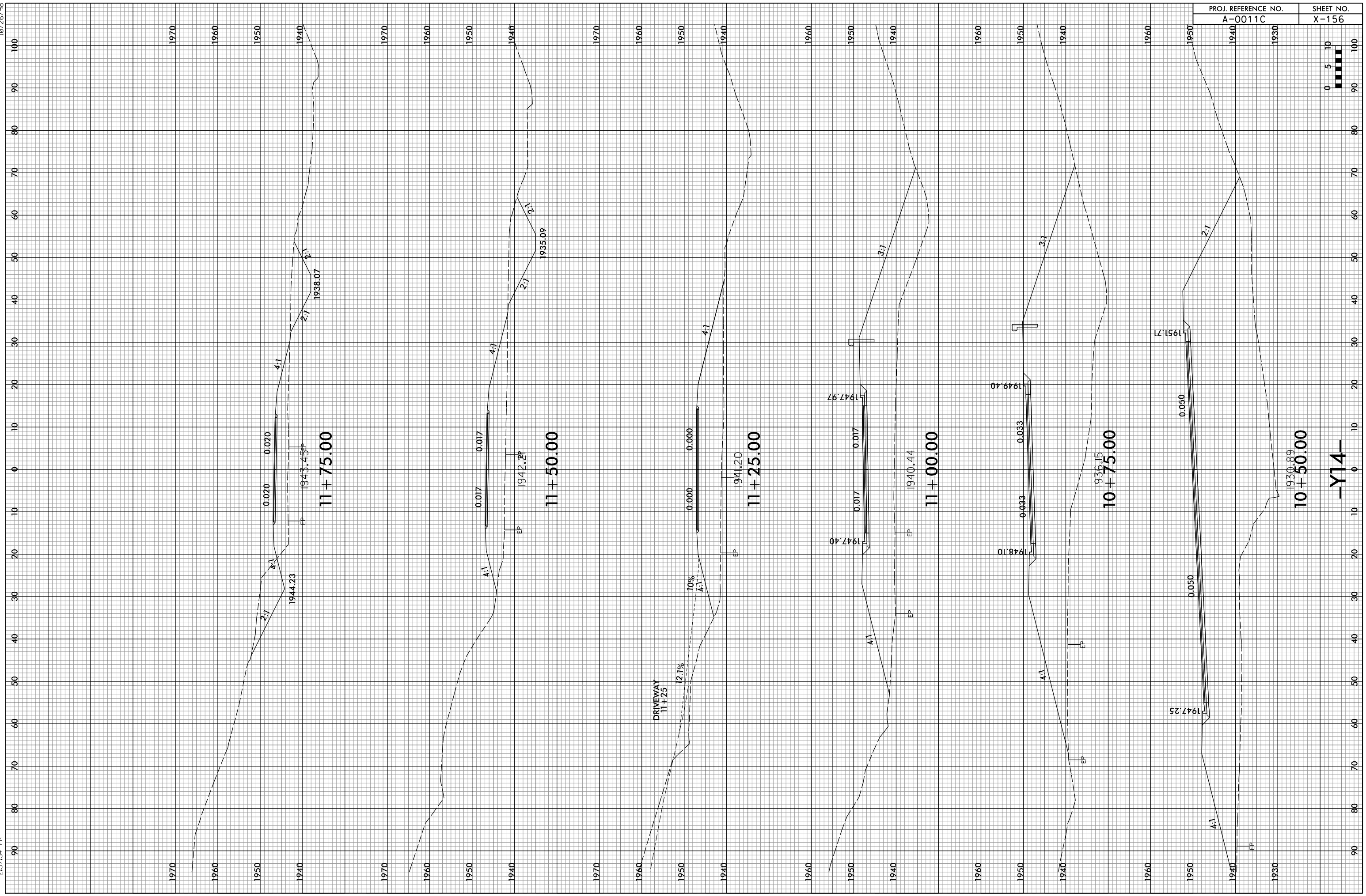


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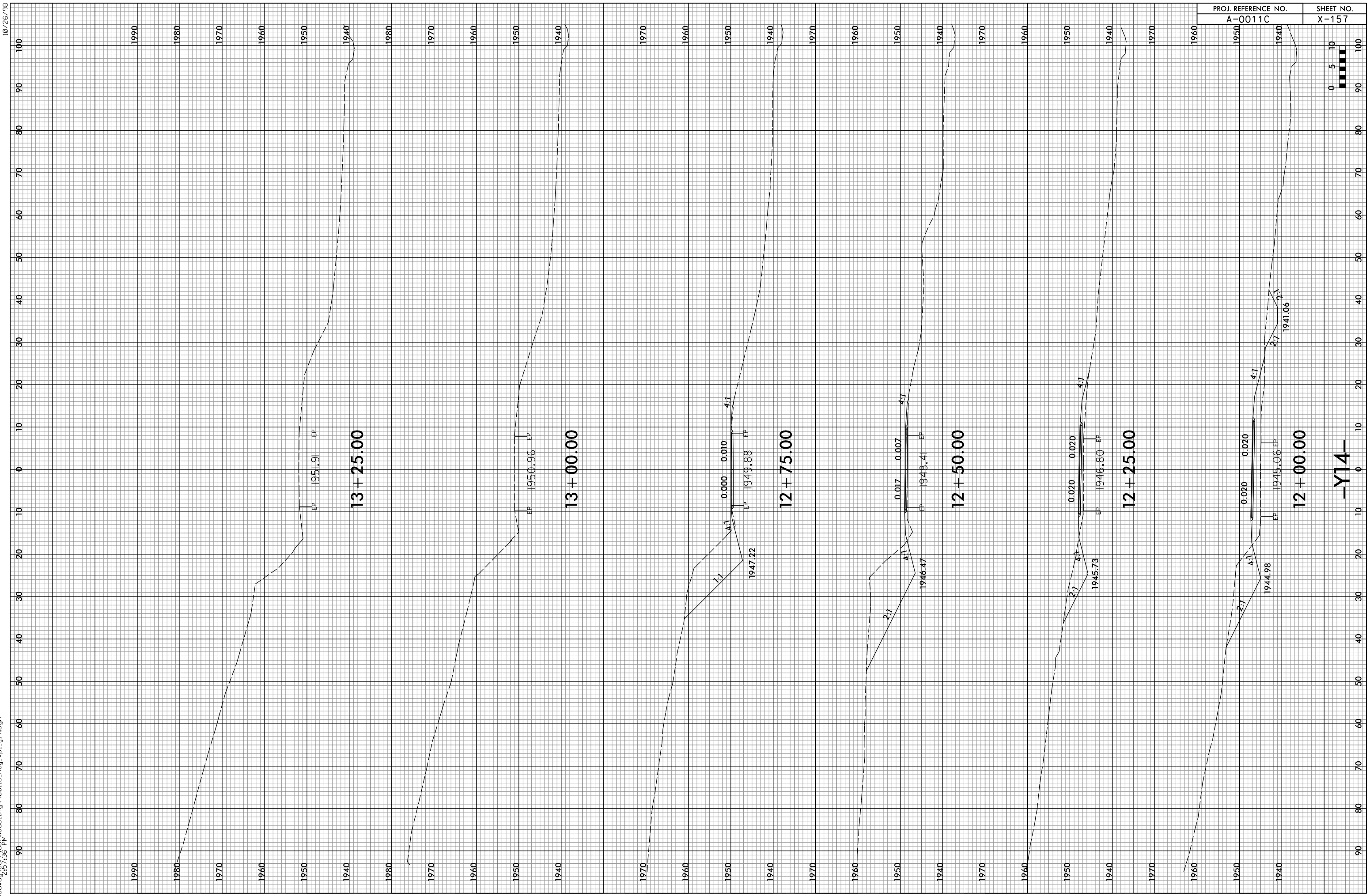




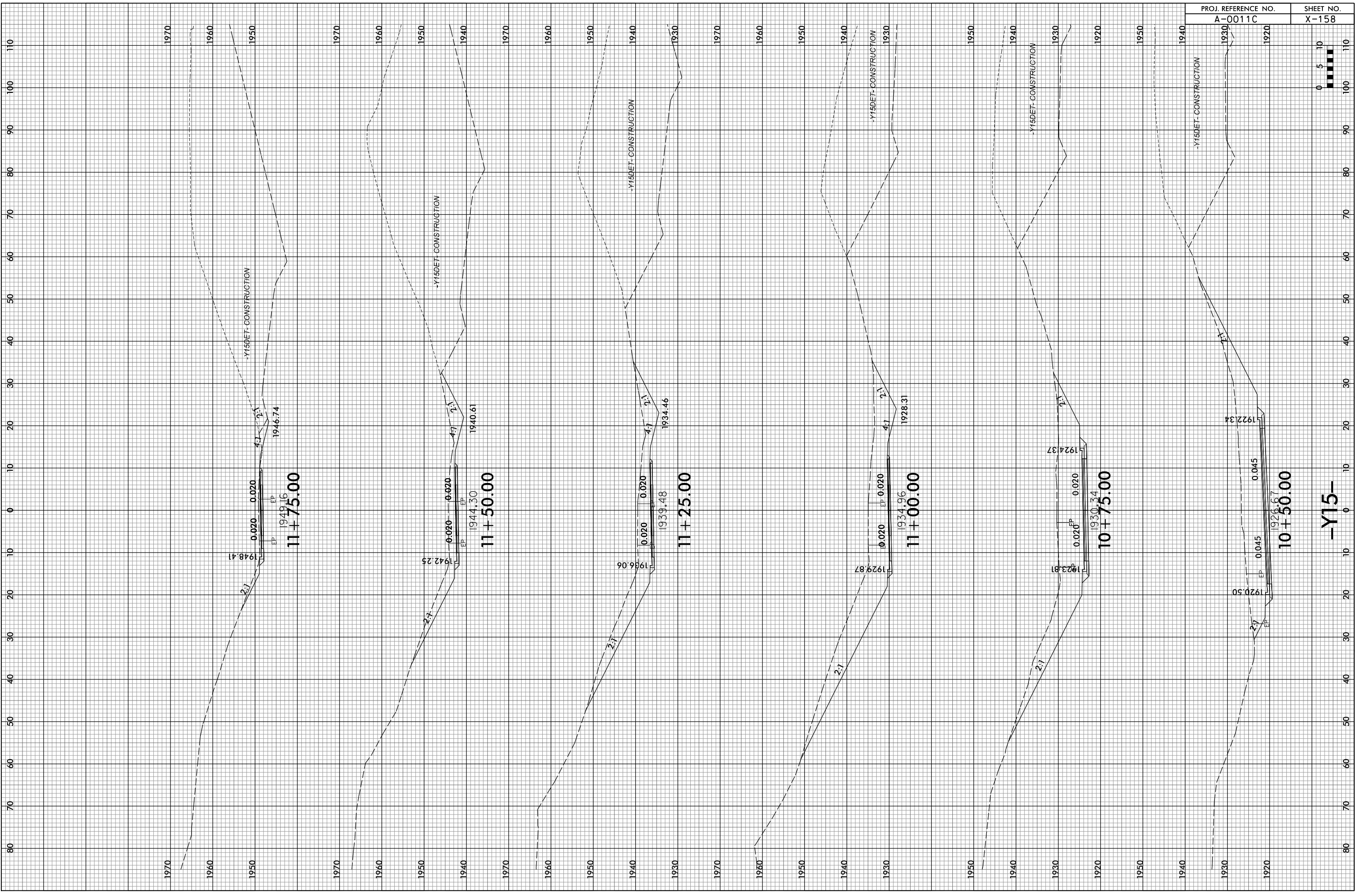
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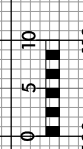
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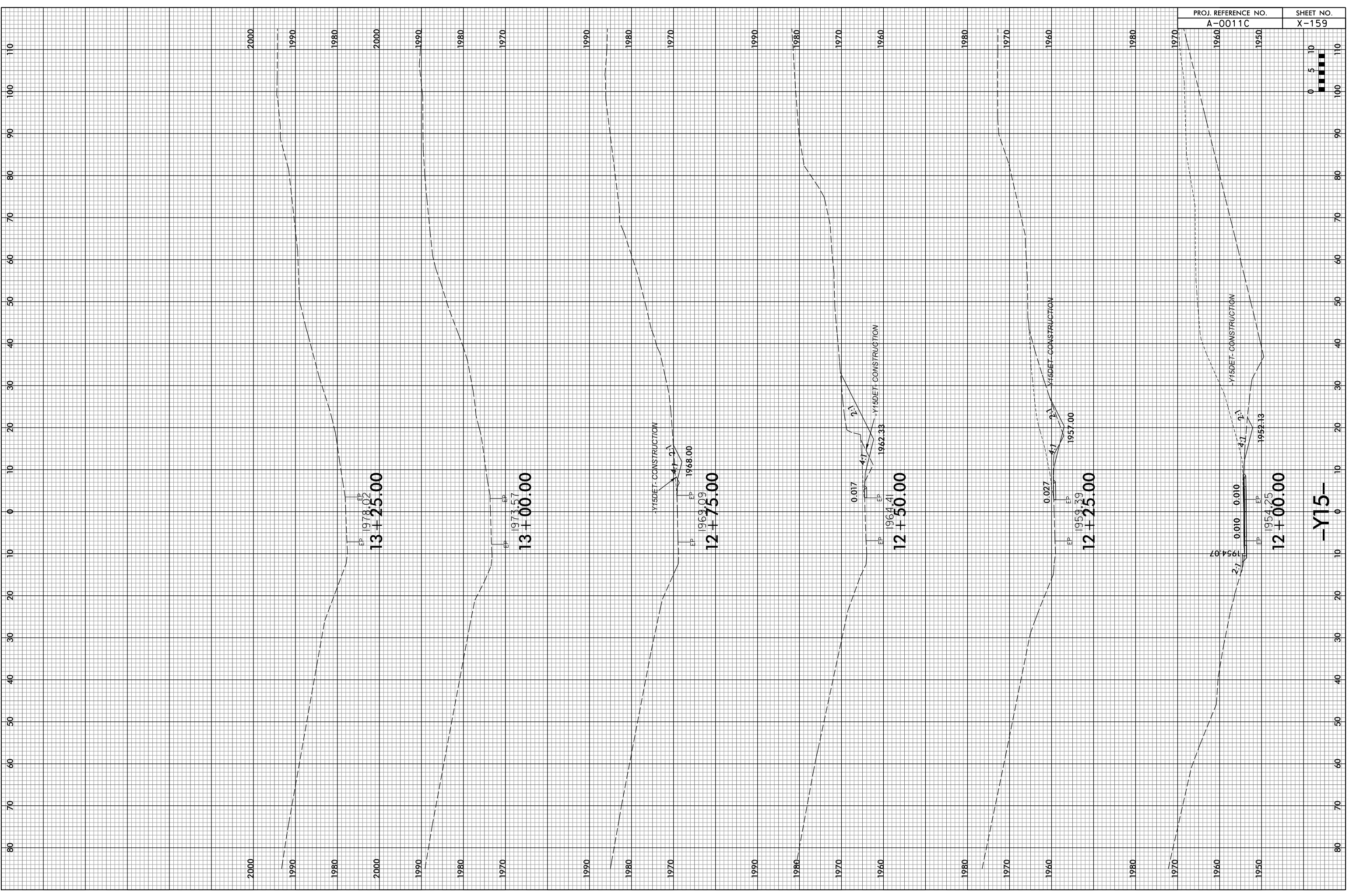


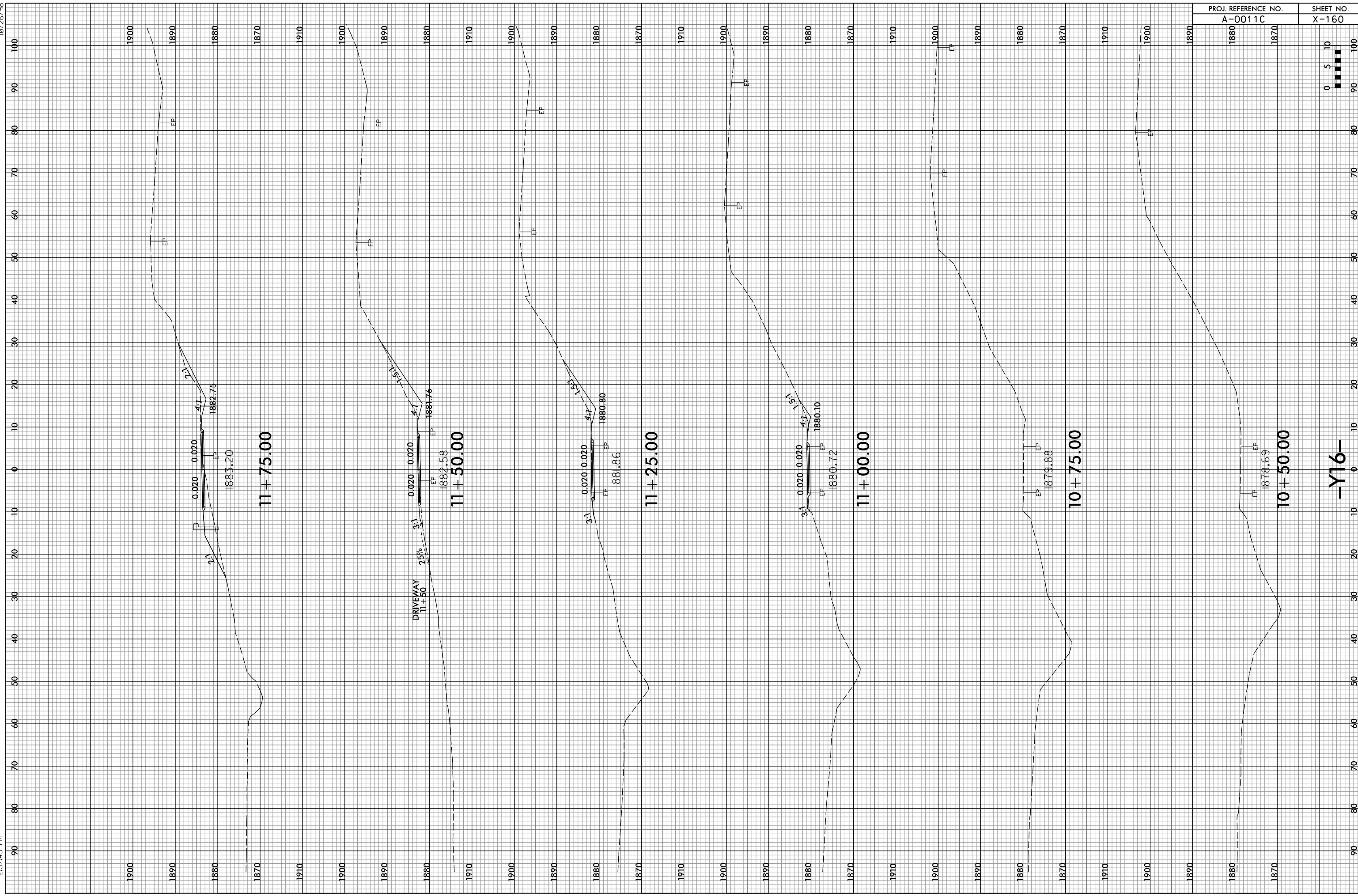
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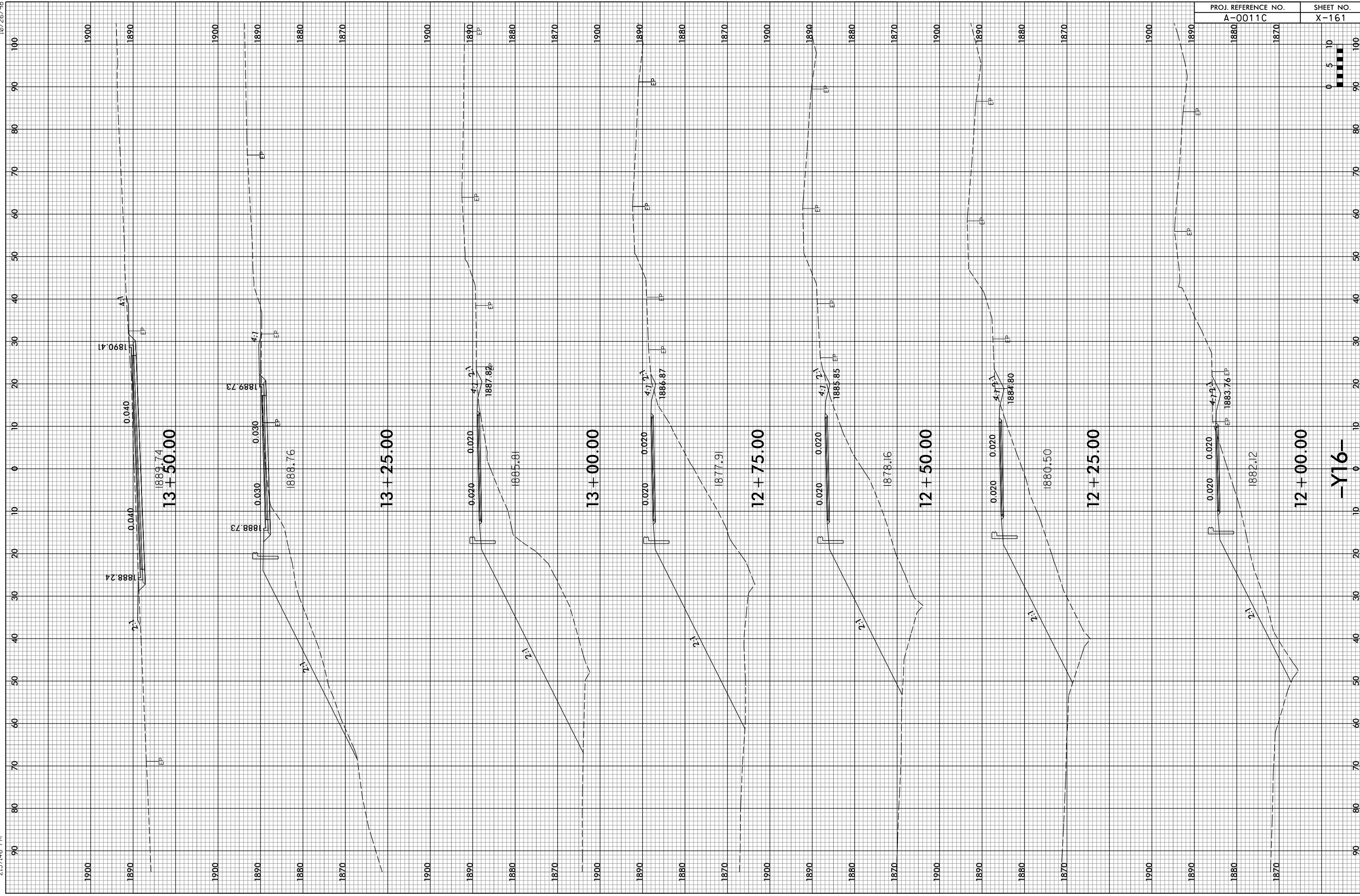
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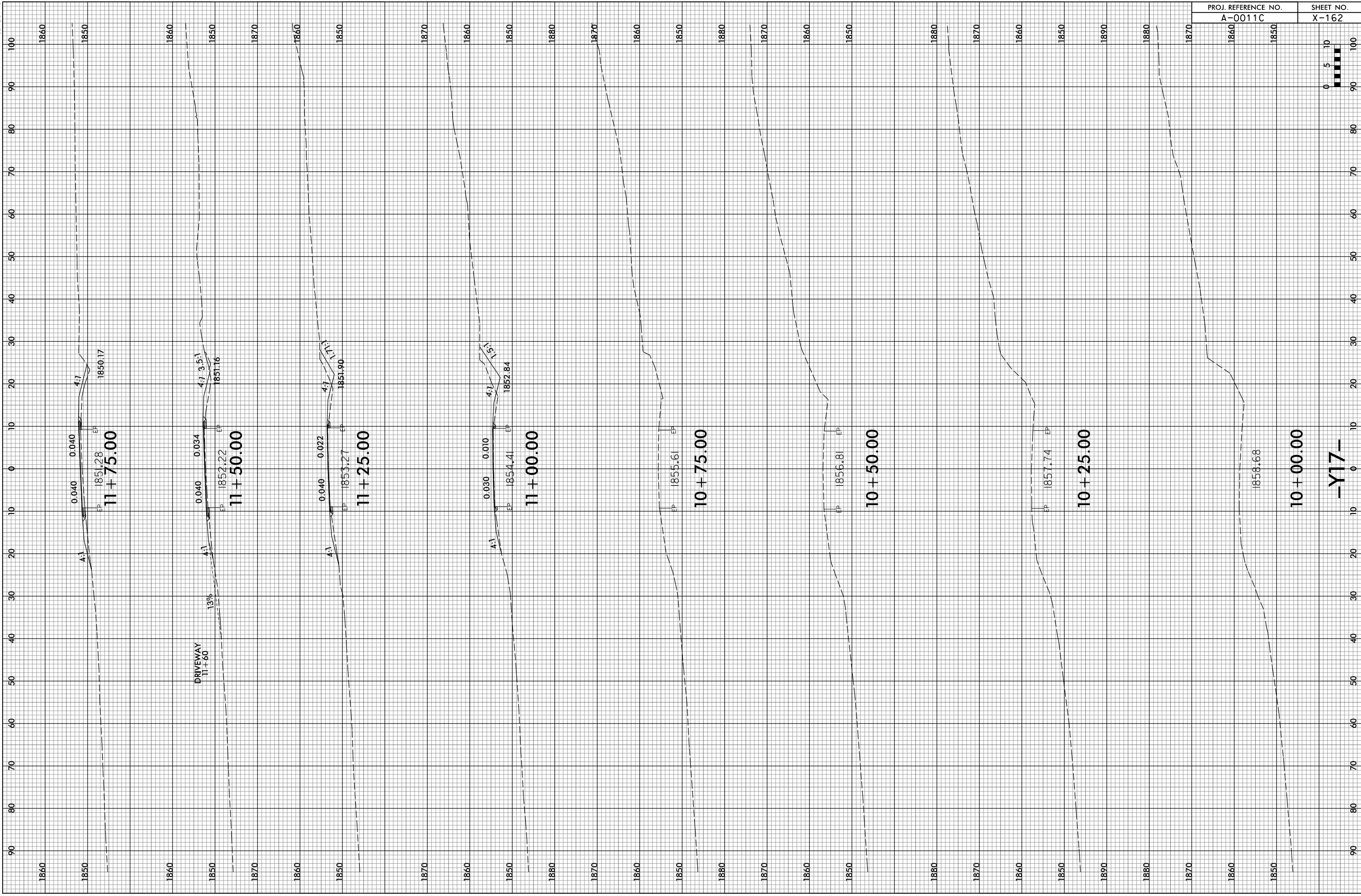


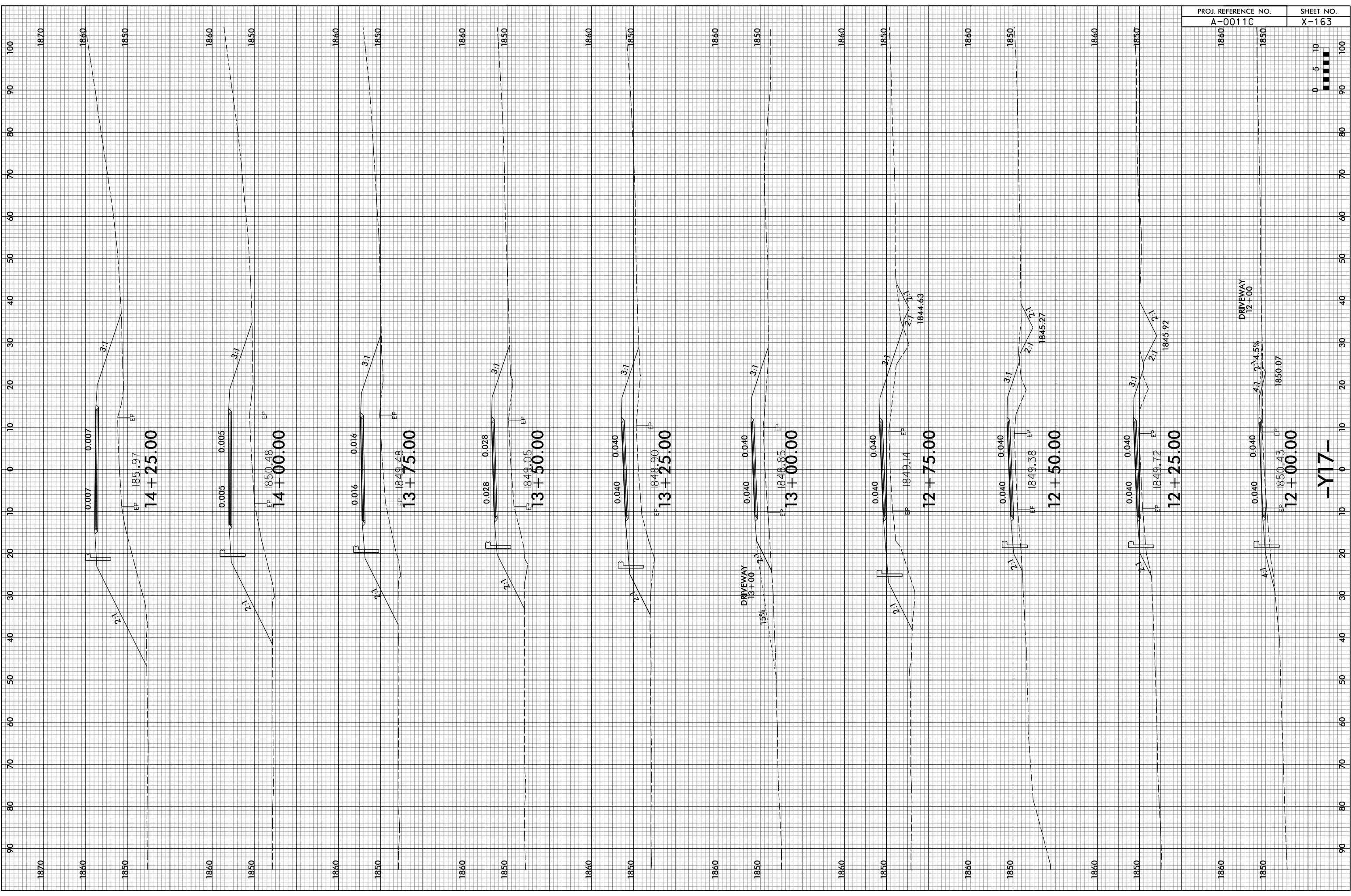




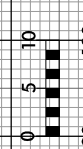
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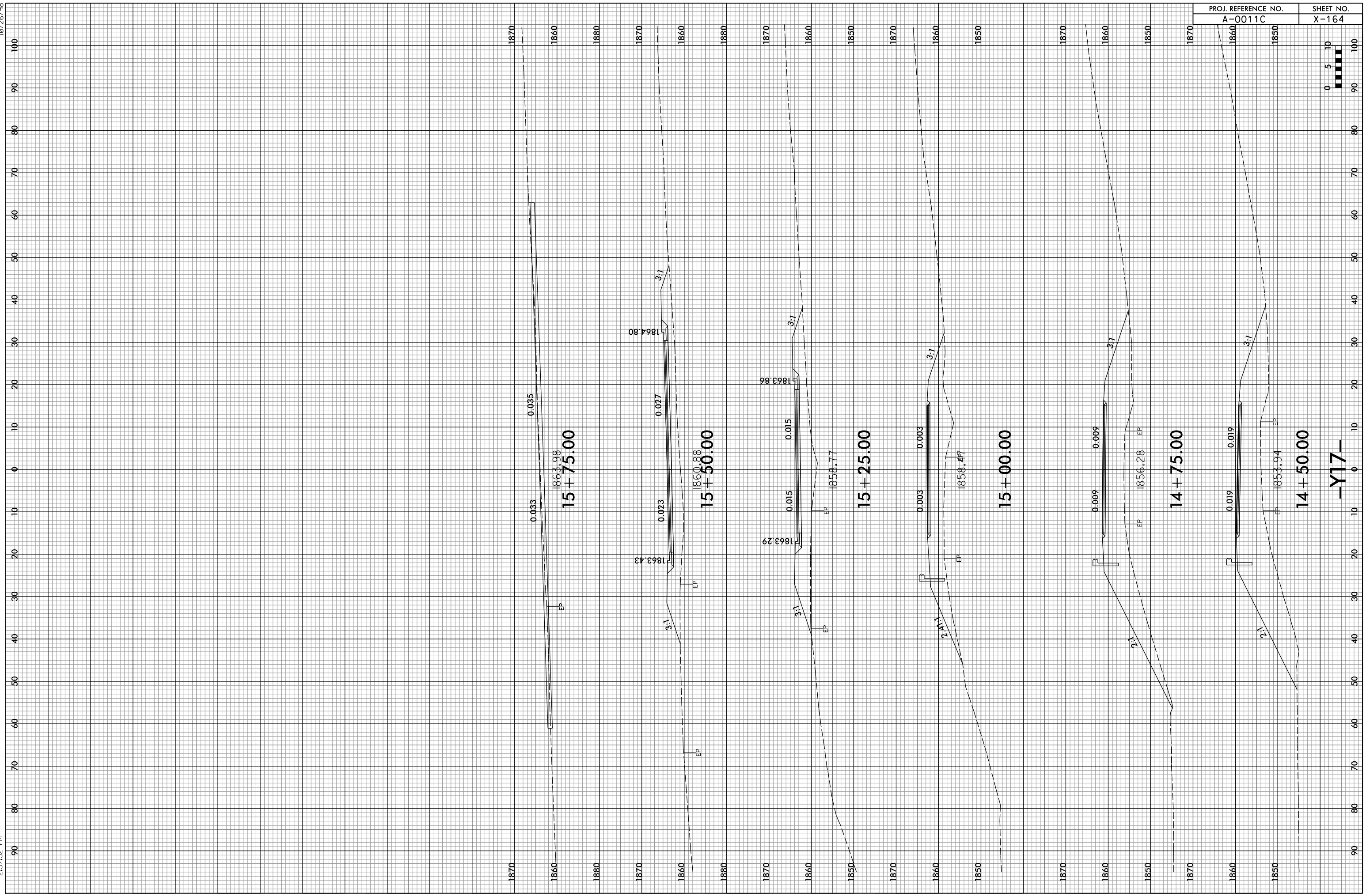


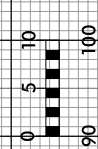
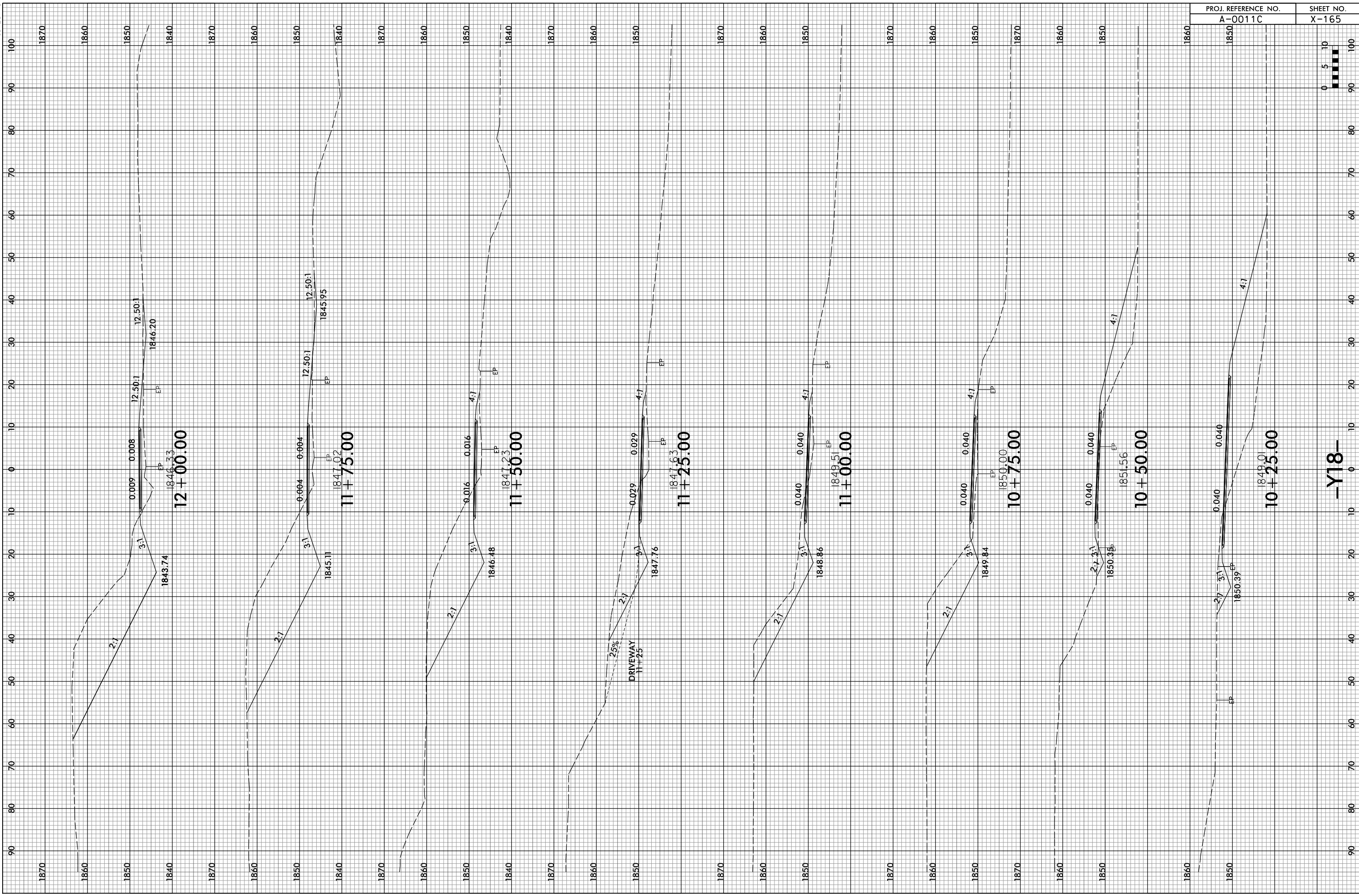




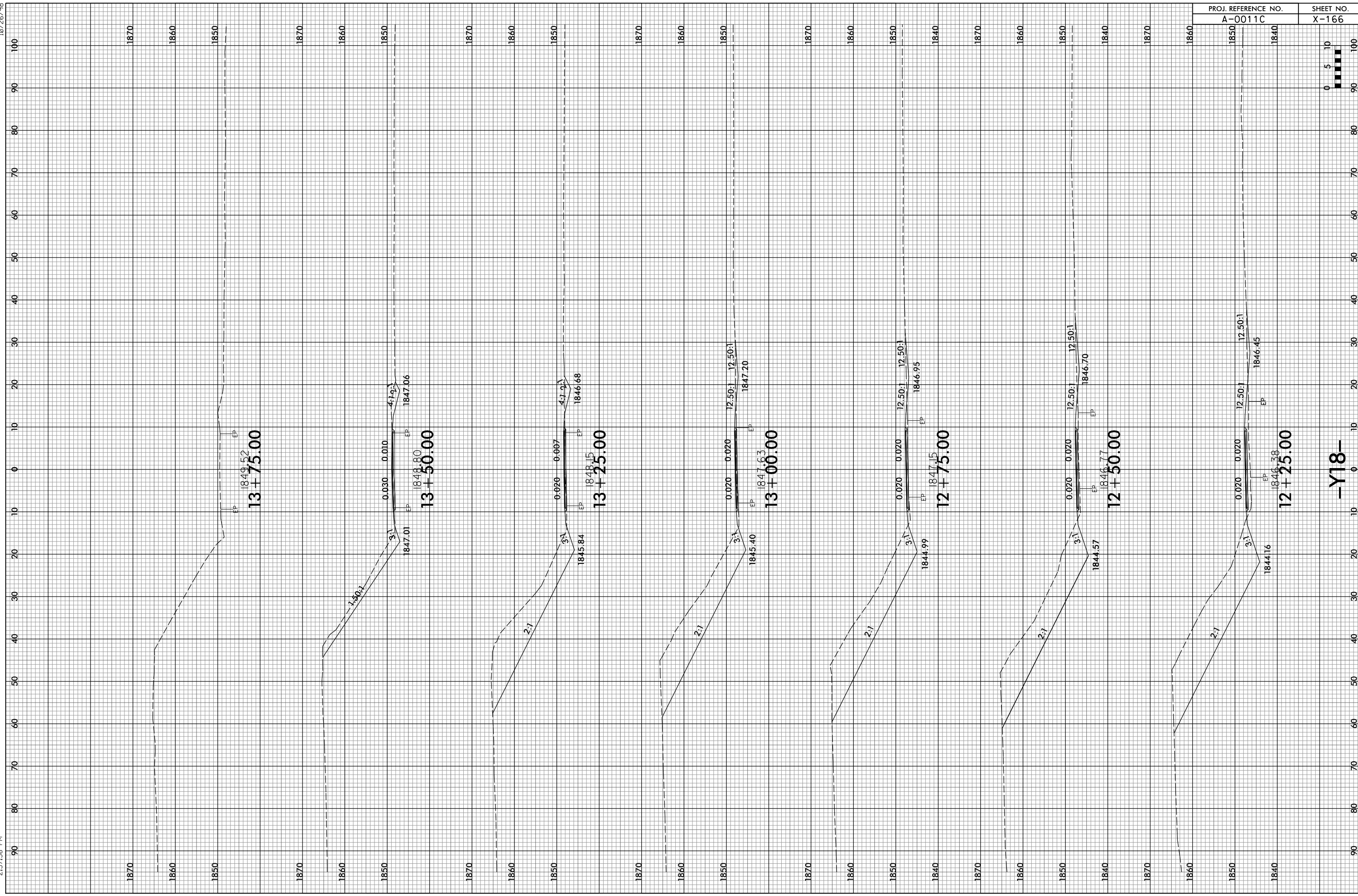
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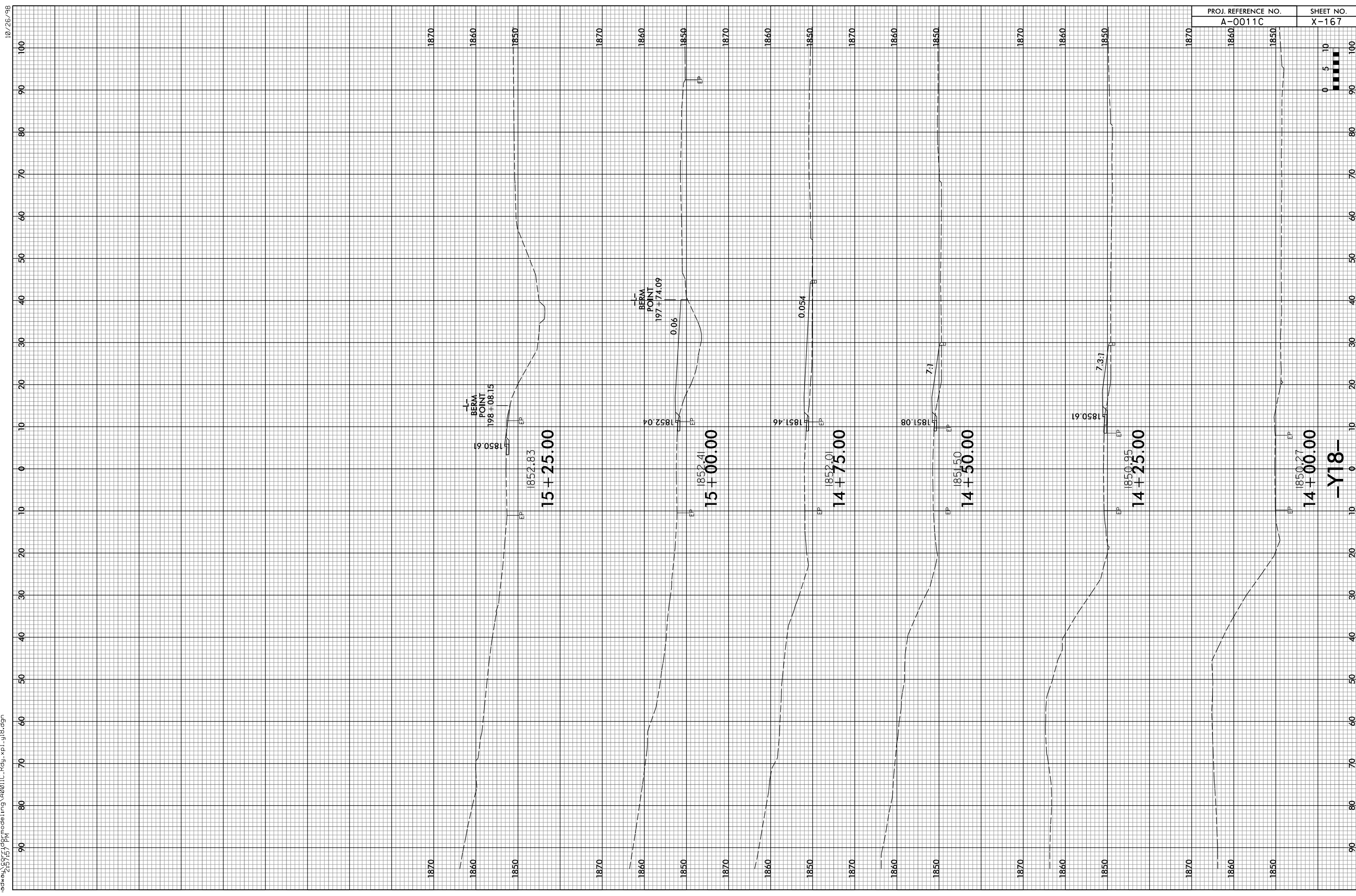




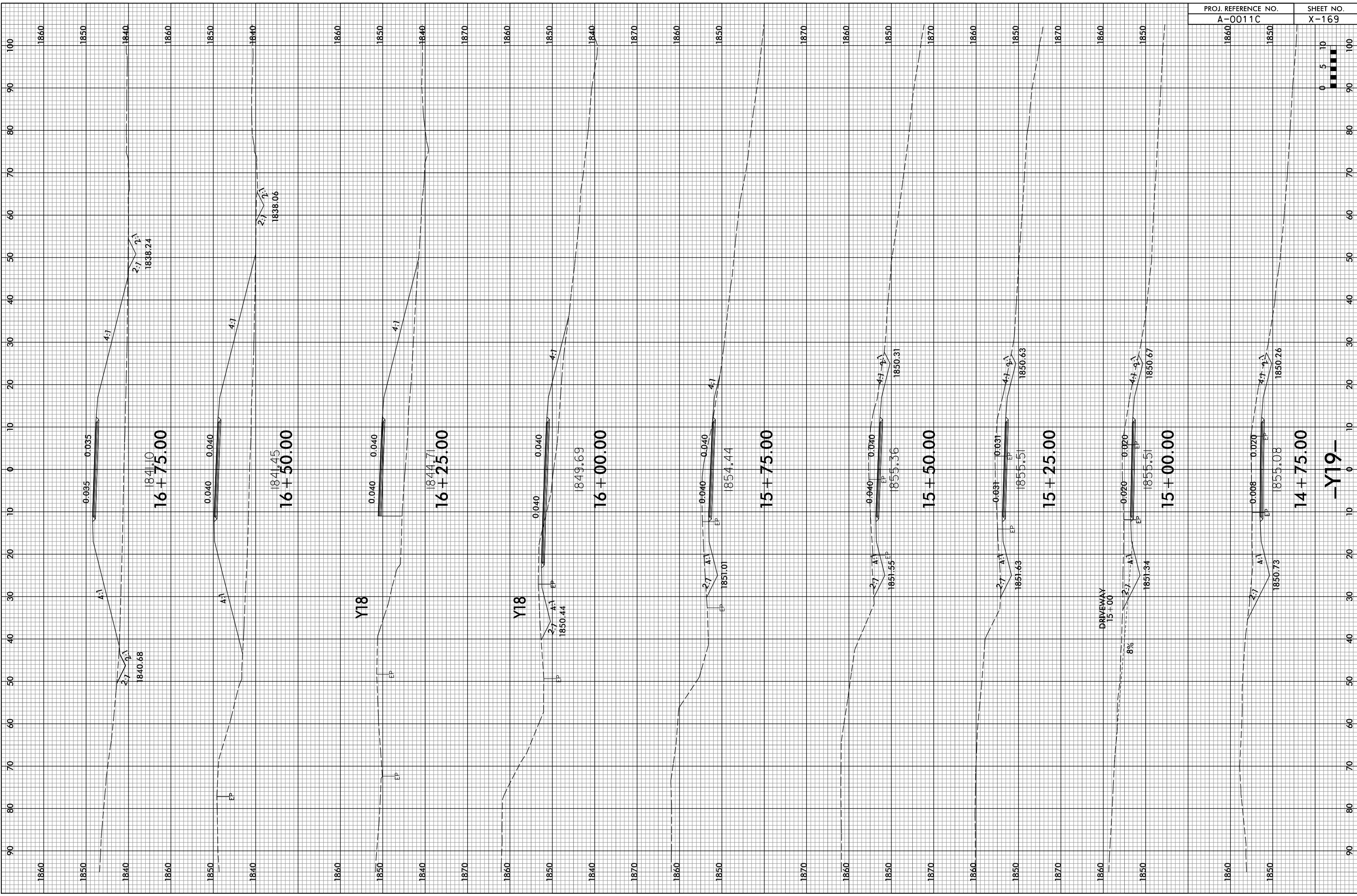
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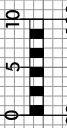
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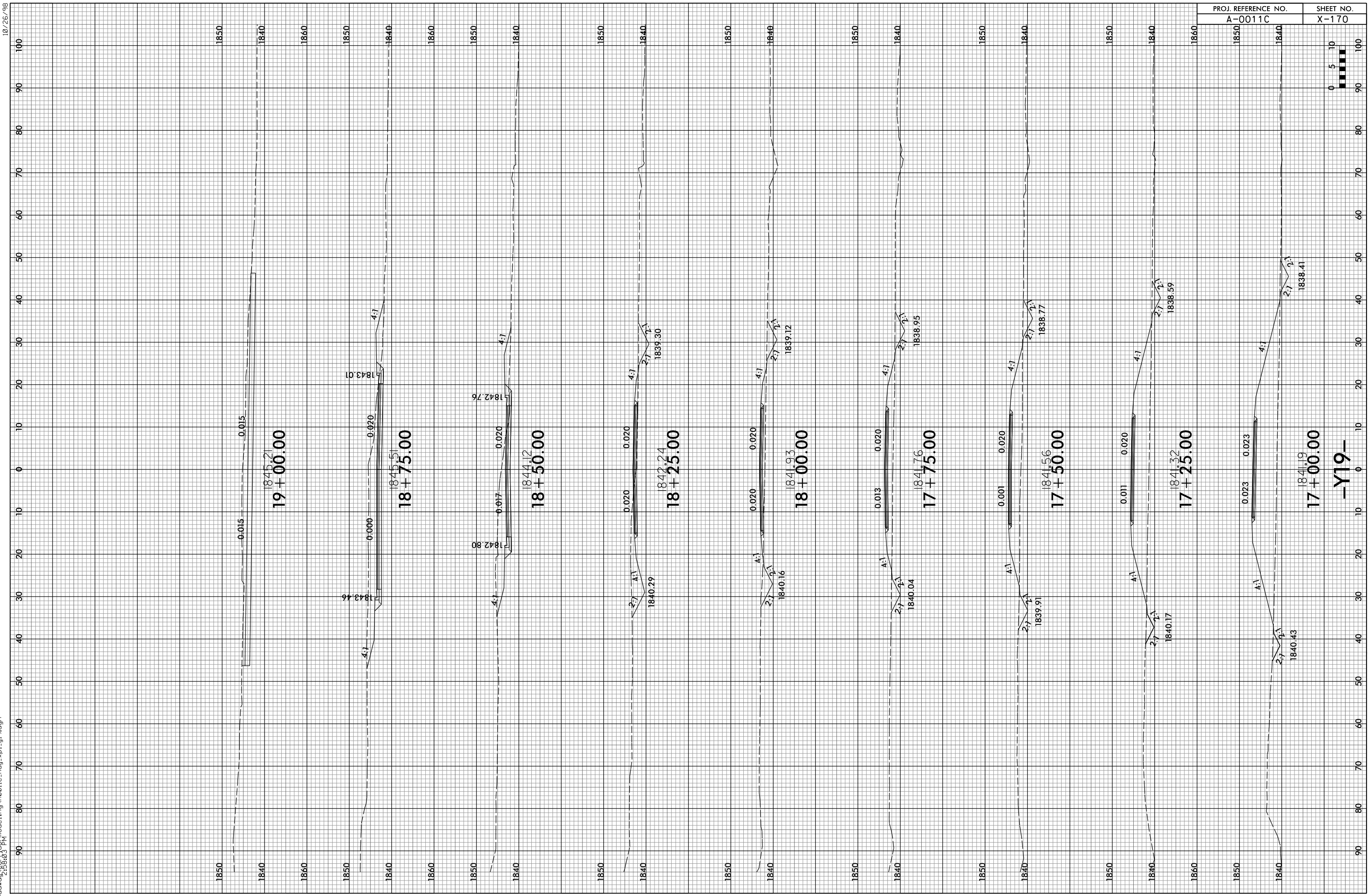


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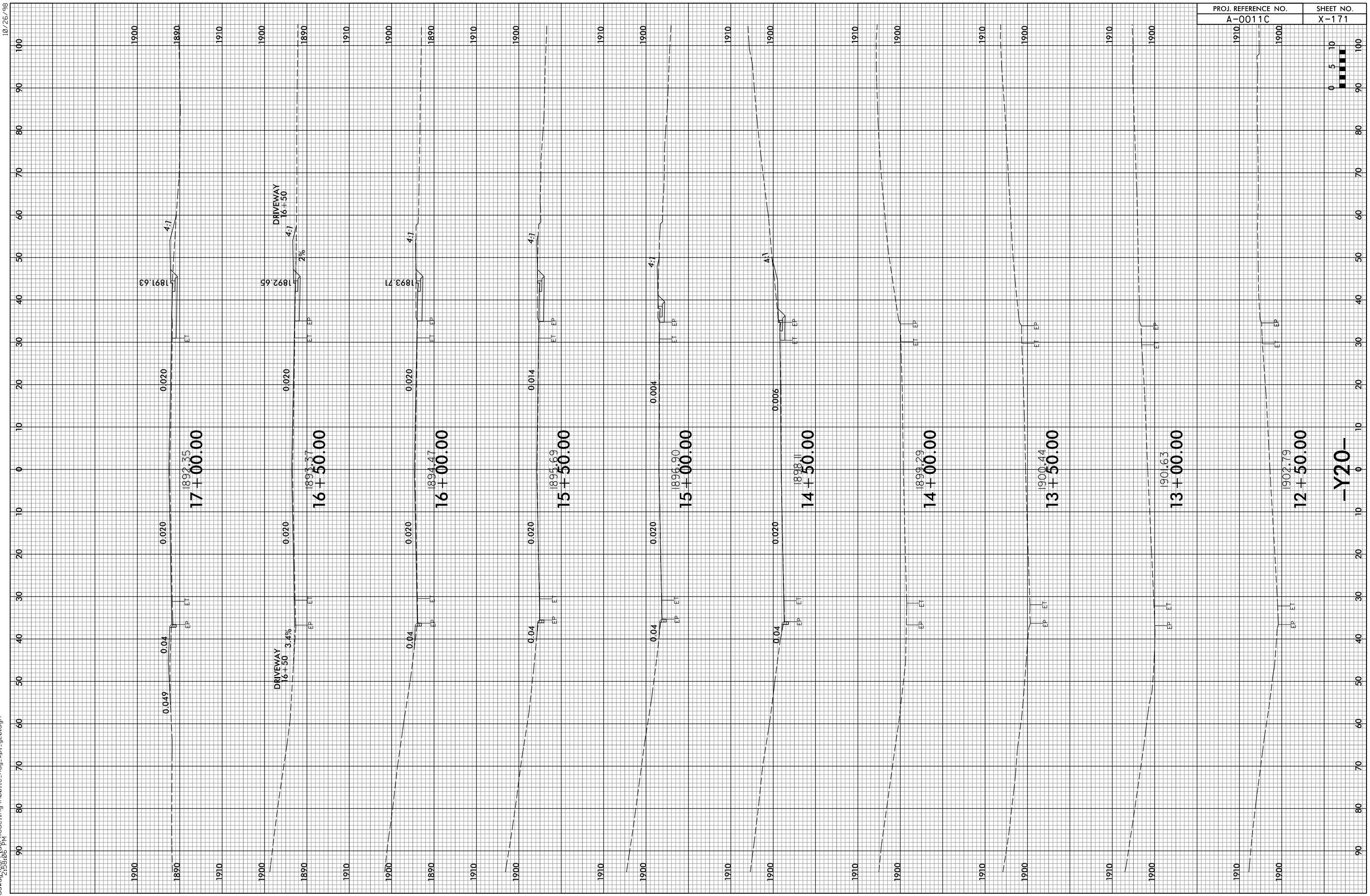


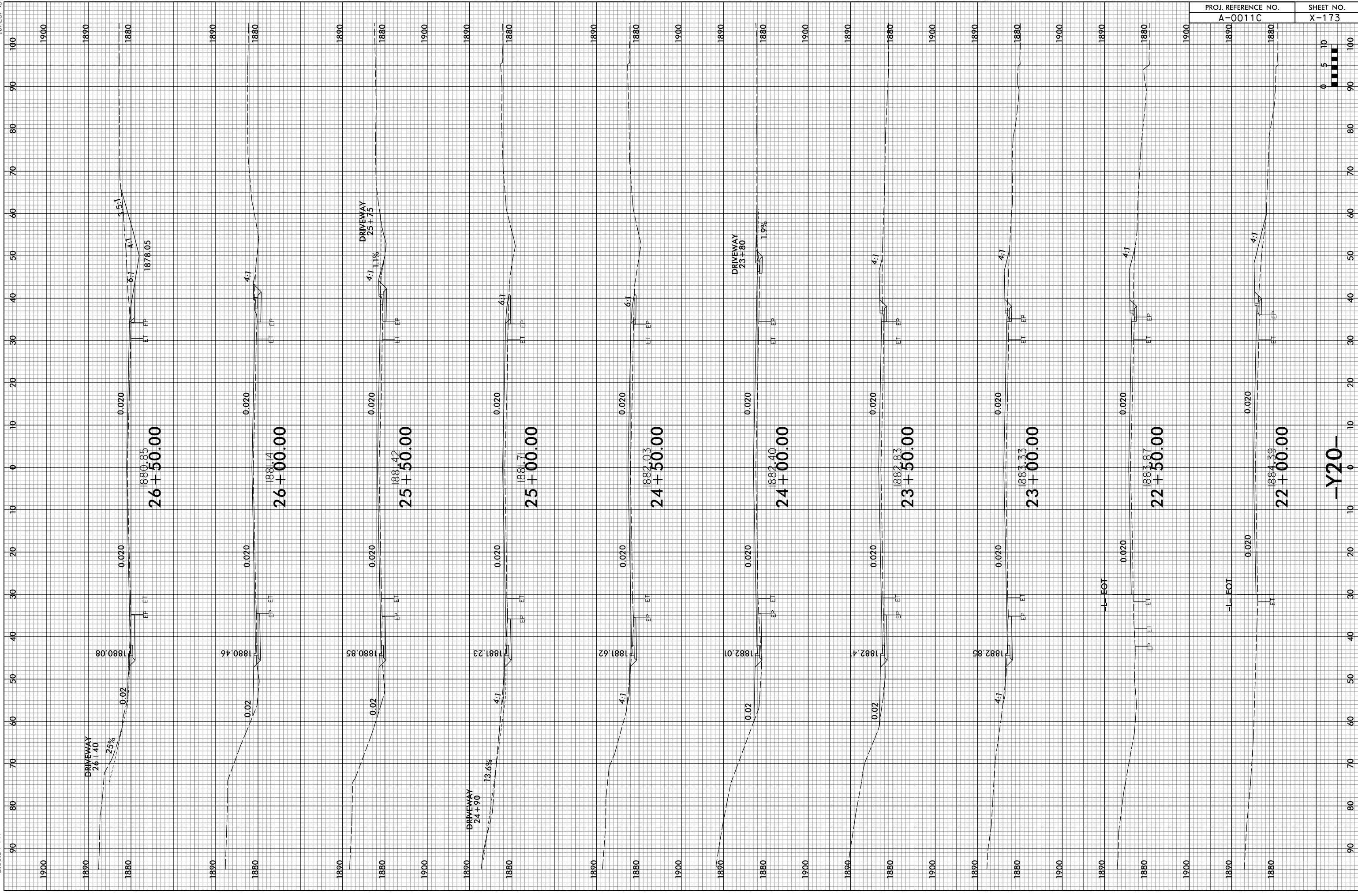
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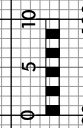
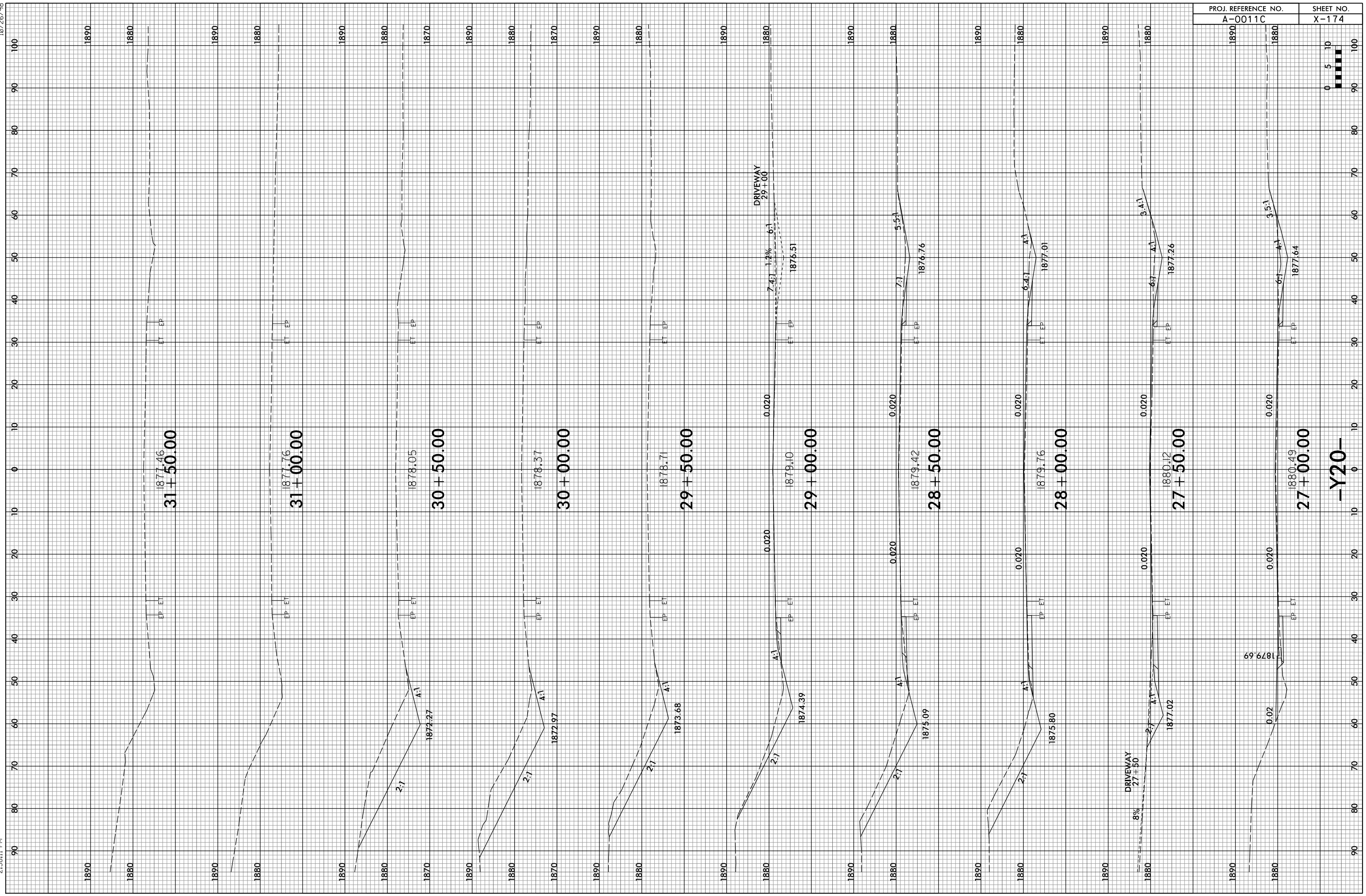




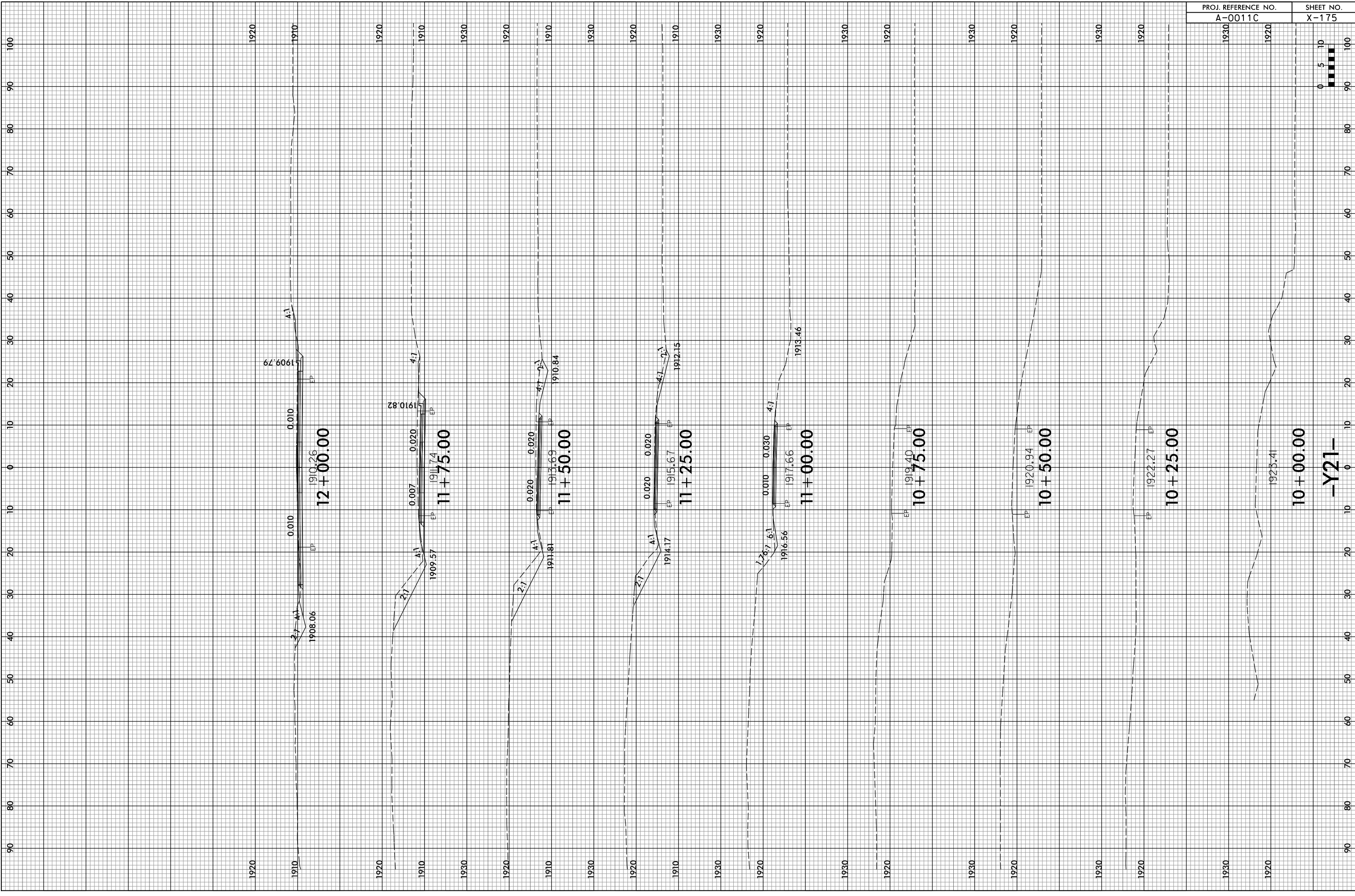
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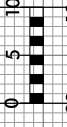
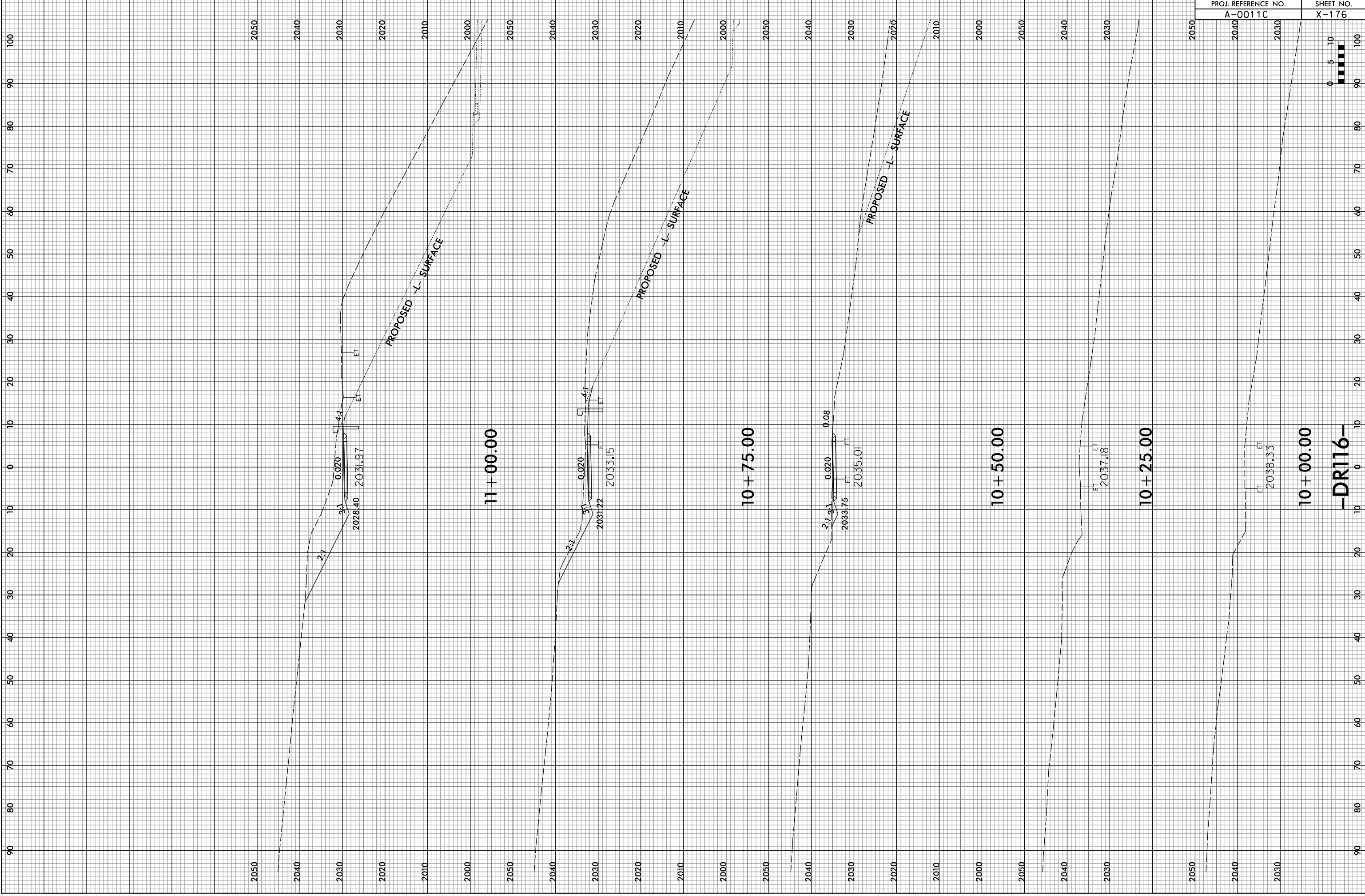


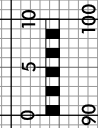
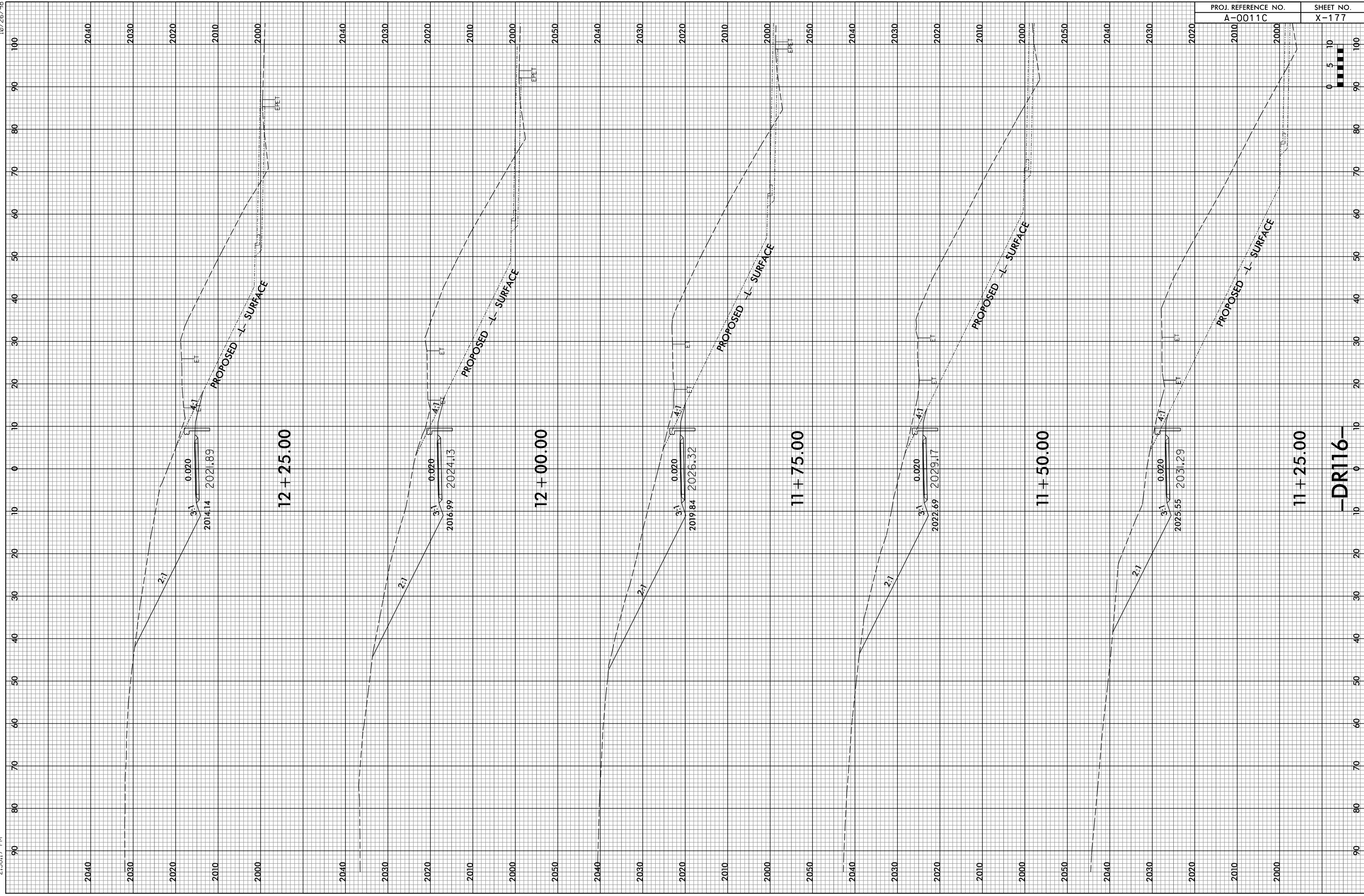


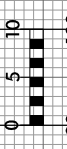
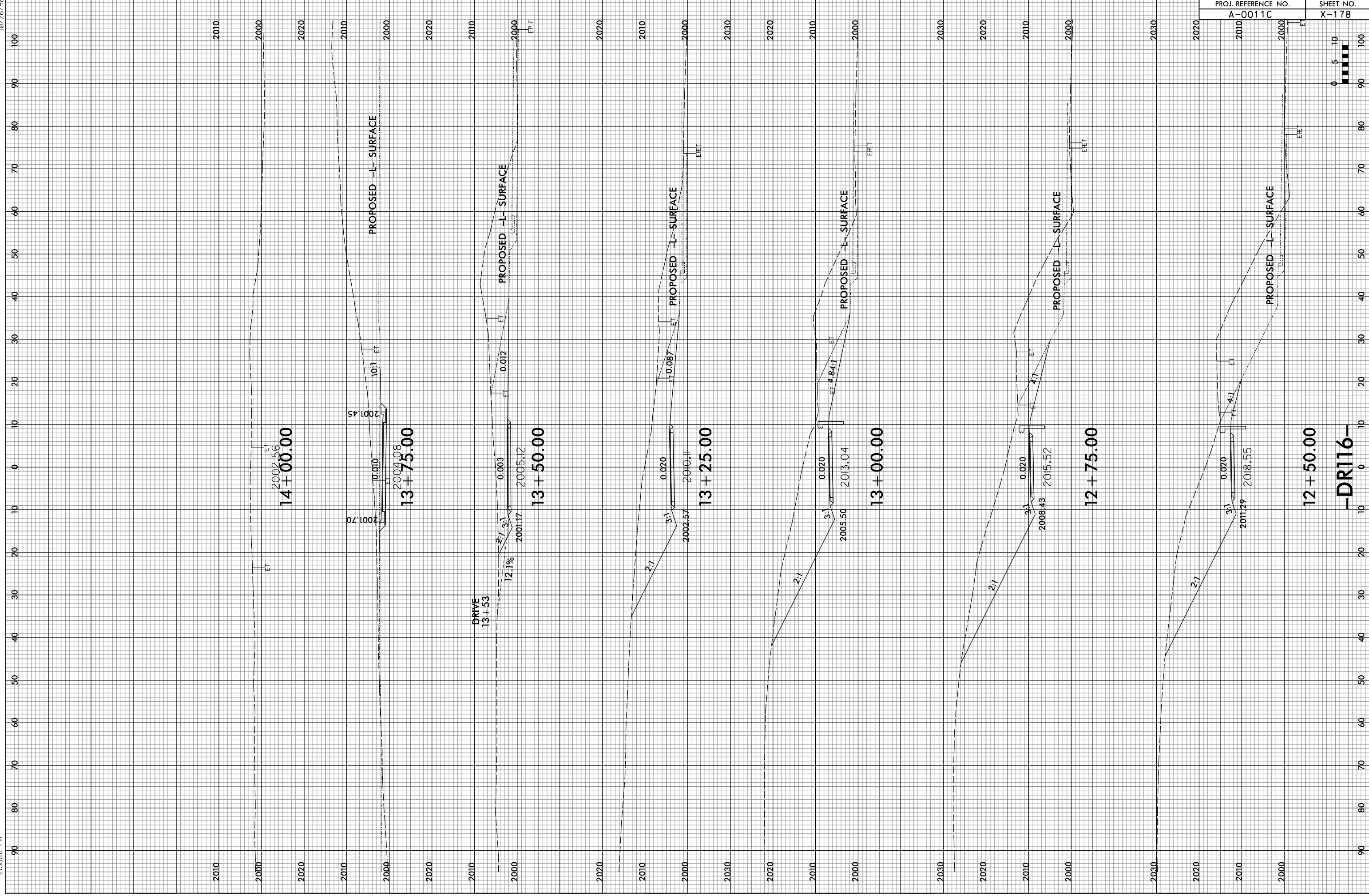
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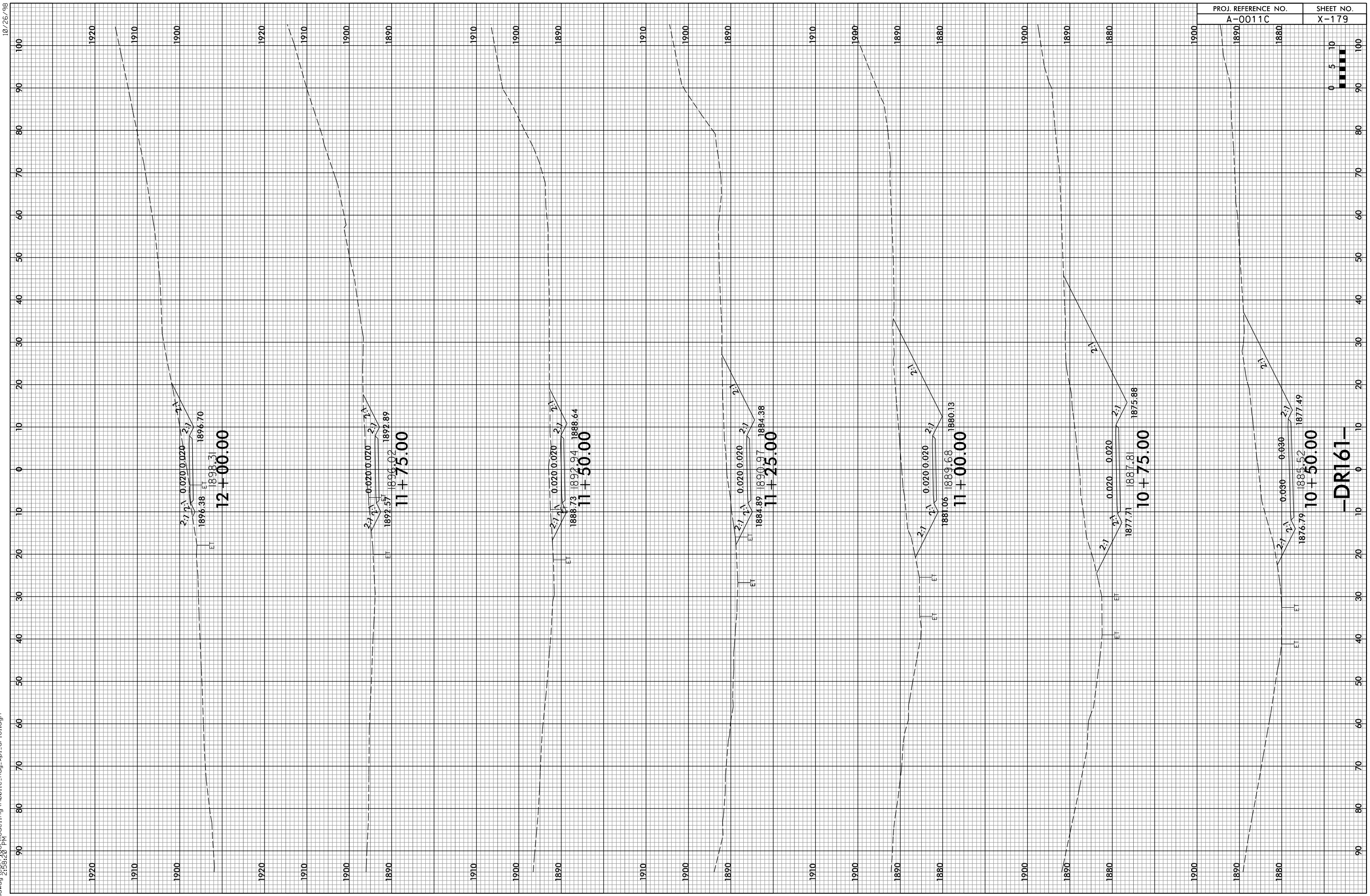
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-DR116-



12+00.00

11+75.00

11+50.00

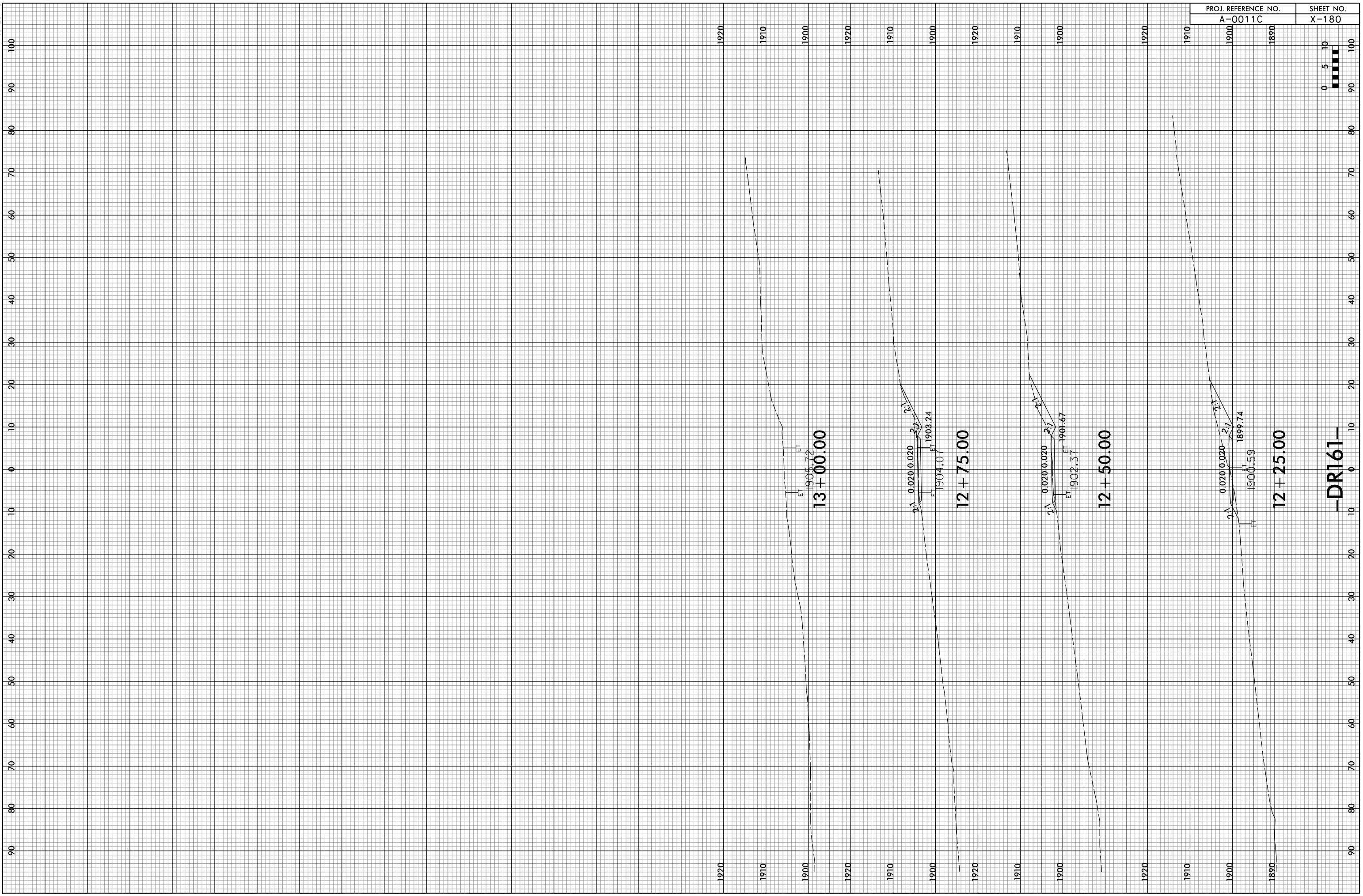
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11+00.00

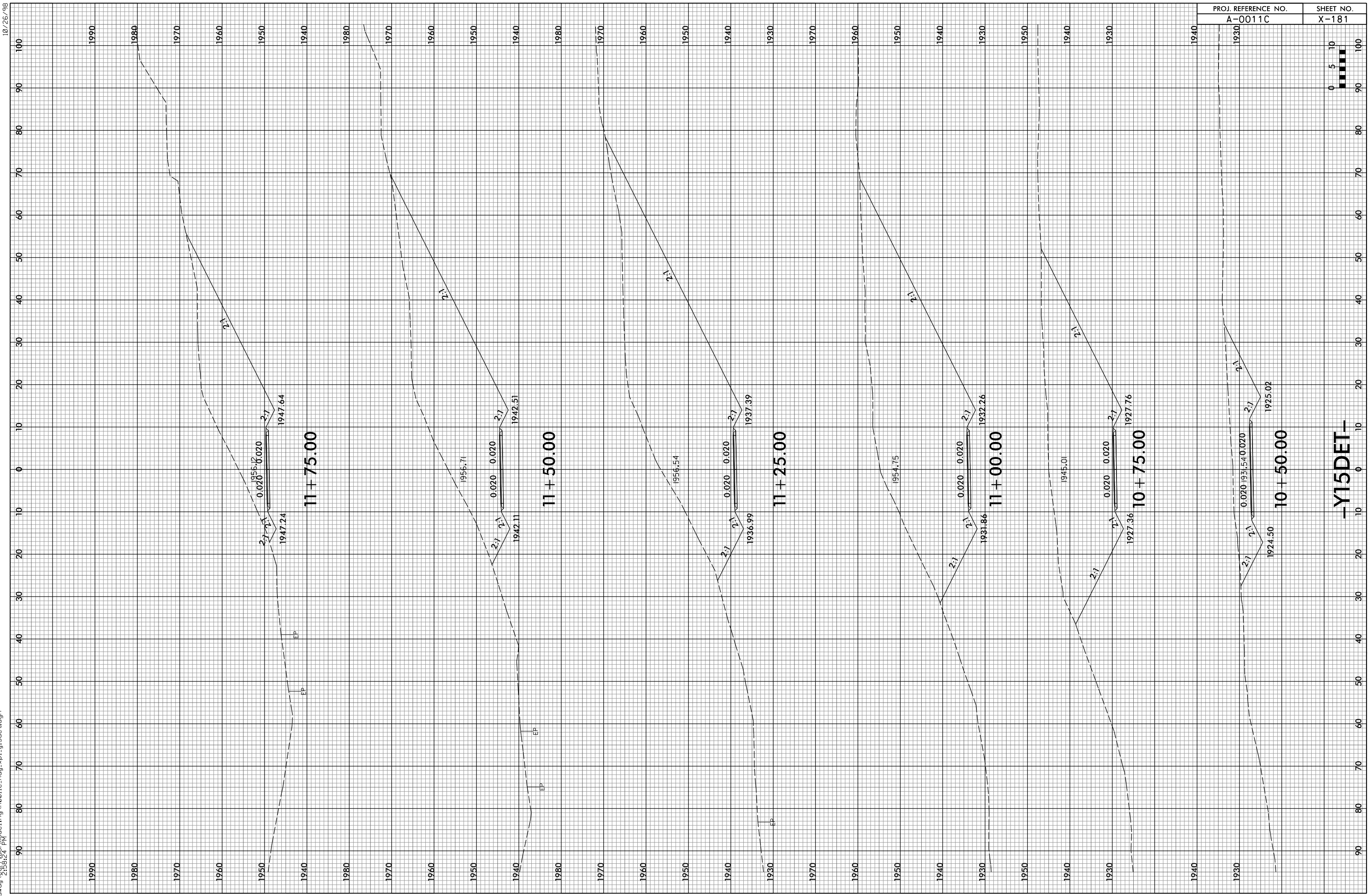
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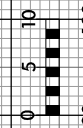
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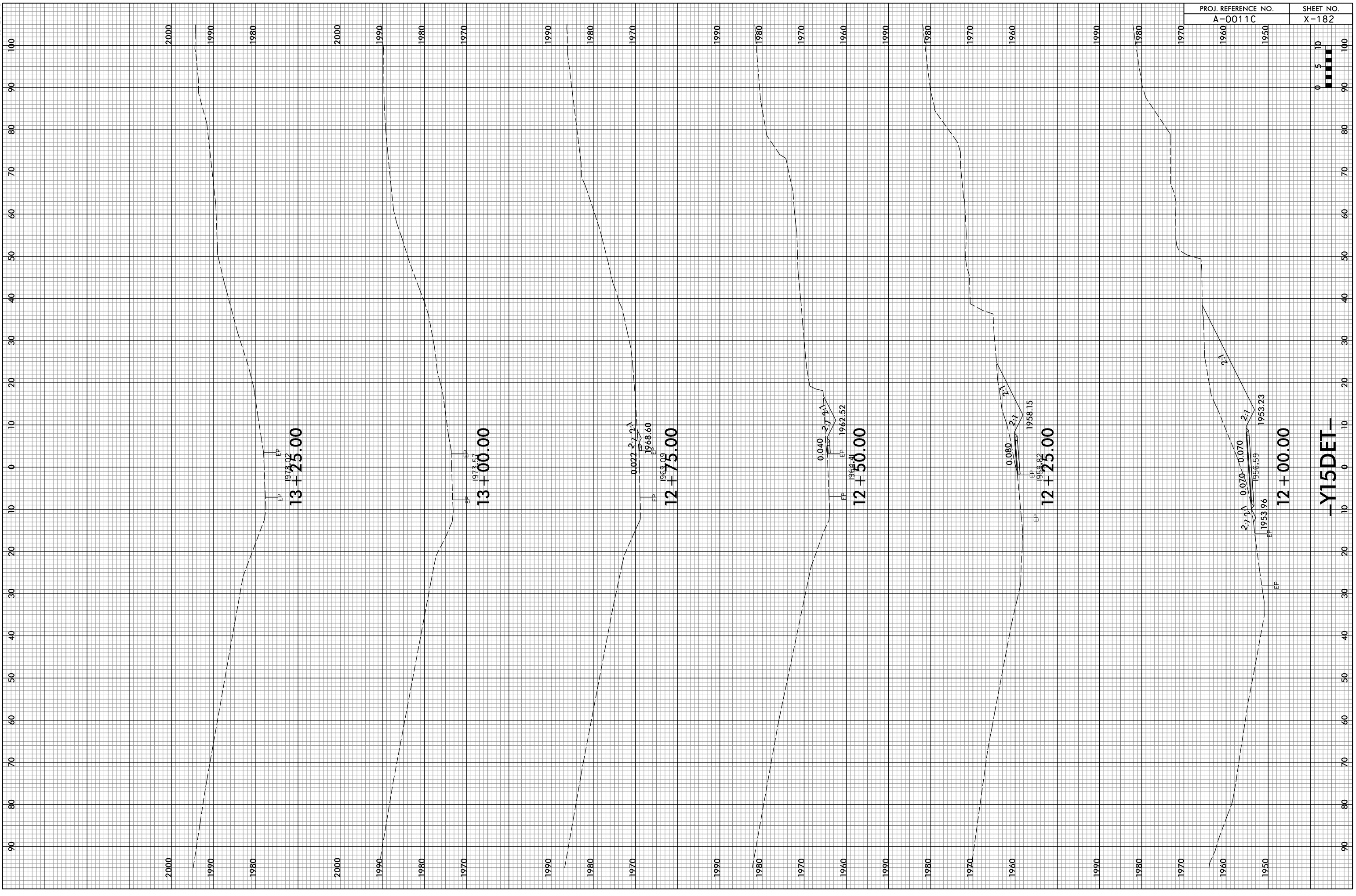


-DR161-



Y15DET





-Y15DET-