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# CROSS SECTION INDEX

## ALIGNMENT

## SHEET NUMBERS

-L-  
-SB- & -NB-  
-DET1-  
-DET2-

X-2 THROUGH X-14  
X-15 THROUGH X36  
X-37 THROUGH X-39  
X-40 THROUGH X-41

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

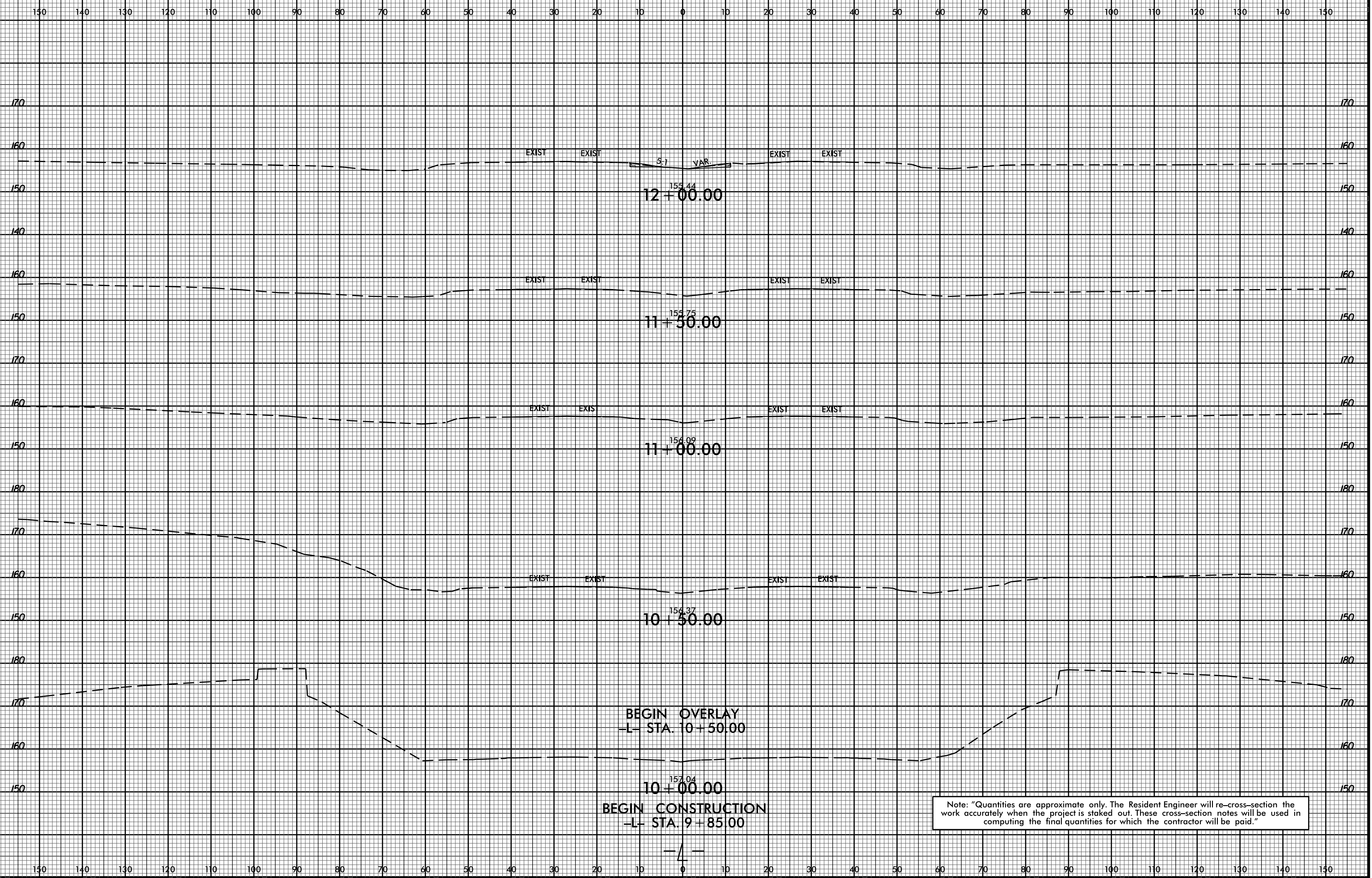
**EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT**

### CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt
-DET1-	(cu. yd.)	(cu. yd.)	-L- LT (SB)	(cu. yd.)	(cu. yd.)	-L- RT (NB)	(cu. yd.)	(cu. yd.)	-L- LT	(cu. yd.)	(cu. yd.)	-L- RT	(cu. yd.)	(cu. yd.)
24+00.00	0	0	18+00.00	371	32	14+50.00	38	12	13+00.00	14	0	15+00.00	10	0
24+50.00	19	0	18+50.00	439	56	15+00.00	78	18	13+50.00	12	0	15+50.00	84	7
25+00.00	23	0	19+00.00	286	84	15+50.00	107	14	14+00.00	10	0	16+00.00	239	17
25+50.00	27	0	19+50.00	192	110	16+00.00	98	14	14+50.00	10	0	16+50.00	333	9
26+00.00	28	0	20+00.00	173	114	16+50.00	85	33	15+00.00	10	0	17+00.00	328	0
26+50.00	29	1	20+50.00	69	130	17+00.00	76	31	15+50.00	35	19	17+50.00	336	5
27+00.00	31	2	21+00.00	14	243	17+50.00	171	24	16+00.00	224	47	18+00.00	411	5
27+50.00	31	3	21+50.00	13	448	18+00.00	371	32	16+50.00	419	74	18+50.00	320	0
28+00.00	28	4	22+00.00	6	666	18+50.00	306	19	17+00.00	450	79	19+00.00	187	0
28+50.00	28	4	22+50.00	2	921	19+00.00	135	0	17+50.00	407	38	19+50.00	194	0
29+00.00	28	5	23+00.00	1	1,087	19+50.00	123	1	18+00.00	411	5	20+00.00	194	0
29+50.00	28	5	23+50.00	1	1,268	20+00.00	128	2	18+50.00	451	0	20+50.00	188	0
30+00.00	29	3	23+55.94	0	171	20+50.00	154	2	19+00.00	417	0	21+00.00	191	0
30+50.00	30	1	<b>TOTALS:</b>	<b>2,390</b>	<b>5,547</b>	21+00.00	94	165	19+50.00	358	0	21+50.00	180	0
31+00.00	29	0	Station	Uncl. Exc.	Embt	21+50.00	9	195	20+00.00	302	0	22+00.00	151	0
<b>TOTALS:</b>	<b>388</b>	<b>28</b>	-L- LT (SB)	(cu. yd.)	(cu. yd.)	22+00.00	1	419	20+50.00	253	0	22+50.00	131	0
Station	Uncl. Exc.	Embt	26+28.84	0	0	22+50.00	0	931	21+00.00	214	0	23+00.00	111	2
-DET2-	(cu. yd.)	(cu. yd.)	26+50.00	0	616	23+00.00	0	1,128	21+50.00	190	0	23+31.55	64	2
17+40.00	0	0	27+00.00	0	1,374	23+05.71	0	134	22+00.00	169	0	<b>TOTALS:</b>	<b>3,686</b>	<b>47</b>
17+50.00	6	0	27+50.00	0	1,278	<b>TOTALS:</b>	<b>2,094</b>	<b>3,208</b>	22+50.00	144	0	Station	Uncl. Exc.	Embt
18+00.00	28	0	28+00.00	0	1,193	Station	Uncl. Exc.	Embt	23+00.00	116	2	-L- RT	(cu. yd.)	(cu. yd.)
18+50.00	29	0	28+50.00	1	1,135	-L- RT (NB)	(cu. yd.)	(cu. yd.)	23+31.55	64	2	26+04.45	0	0
19+00.00	30	7	29+00.00	3	1,172	25+78.61	0	0	<b>TOTALS:</b>	<b>4,687</b>	<b>266</b>	27+00.00	212	0
19+50.00	28	24	29+50.00	4	1,150	26+00.00	0	667	Station	Uncl. Exc.	Embt	27+50.00	119	0
20+00.00	27	35	30+00.00	5	982	26+50.00	0	1,489	-L- LT	(cu. yd.)	(cu. yd.)	28+00.00	136	0
20+50.00	28	37	30+50.00	5	813	27+00.00	0	1,356	26+04.45	0	0	28+50.00	155	0
21+00.00	30	34	31+00.00	4	669	27+50.00	0	1,298	27+00.00	212	0	29+00.00	172	0
21+50.00	28	32	31+50.00	5	532	28+00.00	0	1,329	27+50.00	118	0	29+50.00	156	0
22+00.00	26	21	32+00.00	8	442	28+50.00	0	1,285	28+00.00	131	0	30+00.00	119	0
22+50.00	25	6	32+50.00	14	357	29+00.00	23	1,199	28+50.00	145	0	30+50.00	114	6
23+00.00	21	1	33+00.00	16	274	29+50.00	32	1,093	29+00.00	161	0	31+00.00	124	10
23+50.00	19	0	33+50.00	16	181	30+00.00	12	932	29+50.00	144	0	31+50.00	122	7
23+75.00	9	0	34+00.00	17	104	30+50.00	16	906	30+00.00	113	0	32+00.00	115	5
<b>TOTALS:</b>	<b>334</b>	<b>197</b>	34+50.00	16	57	31+00.00	24	899	30+50.00	97	0	32+50.00	109	4
Station	Uncl. Exc.	Embt	35+00.00	16	31	31+50.00	32	818	31+00.00	78	0	32+80.00	32	1
-L- LT (SB)	(cu. yd.)	(cu. yd.)	35+50.00	17	8	32+00.00	30	831	31+50.00	60	0	<b>TOTALS:</b>	<b>1,685</b>	<b>33</b>
10+50.00	0	0	36+00.00	14	1	32+50.00	12	855	32+00.00	31	0			
11+00.00	16	0	36+50.00	11	0	33+00.00	11	530	32+50.00	6	0			
11+50.00	15	1	37+00.00	11	0	33+50.00	16	181	33+00.00	6	2			
12+00.00	15	2	37+24.12	3	0	34+00.00	17	104	33+50.00	5	4			
12+50.00	16	2	<b>TOTALS:</b>	<b>186</b>	<b>12,369</b>	34+50.00	29	171	34+00.00	2	2			
13+00.00	17	4	Station	Uncl. Exc.	Embt	35+00.00	39	187	34+35.00	0	0			
13+50.00	17	9	-L- RT (NB)	(cu. yd.)	(cu. yd.)	35+50.00	33	57	<b>TOTALS:</b>	<b>1,309</b>	<b>8</b>			
14+00.00	23	13	10+50.00	0	0	36+00.00	20	7	Station	Uncl. Exc.	Embt			
14+50.00	40	11	11+00.00	15	0	36+50.00	11	0	-L- RT	(cu. yd.)	(cu. yd.)			
15+00.00	78	18	11+50.00	15	1	36+85.17	4	0	12+00.00	0	0			
15+50.00	101	21	<b>TOTALS:</b>	<b>361</b>	<b>16,194</b>	37+00.00	16	181	12+50.00	5	0			
16+00.00	92	21	Station	Uncl. Exc.	Embt	37+24.12	3	0	13+00.00	7	0			
16+50.00	103	36	-L- LT	(cu. yd.)	(cu. yd.)	38+00.00	17	104	13+50.00	6	0			
17+00.00	106	44	12+00.00	15	2	12+00.00	0	0	14+00.00	7	0			
17+50.00	184	35	12+50.00	16	2	12+50.00	7	0	14+50.00	9	0			

**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.**

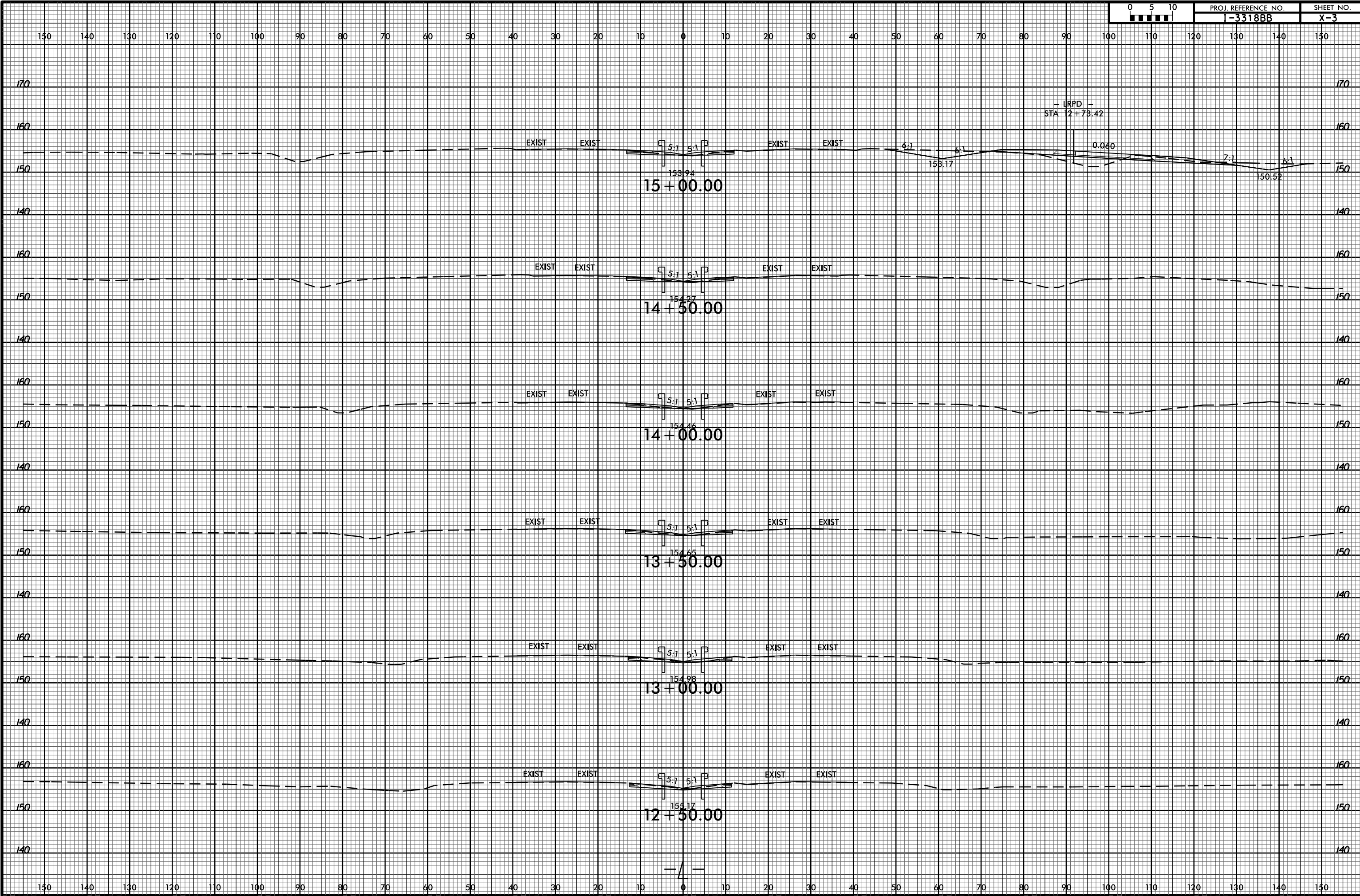
**Quantities are approximate only. The Resident Engineer will recross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.**



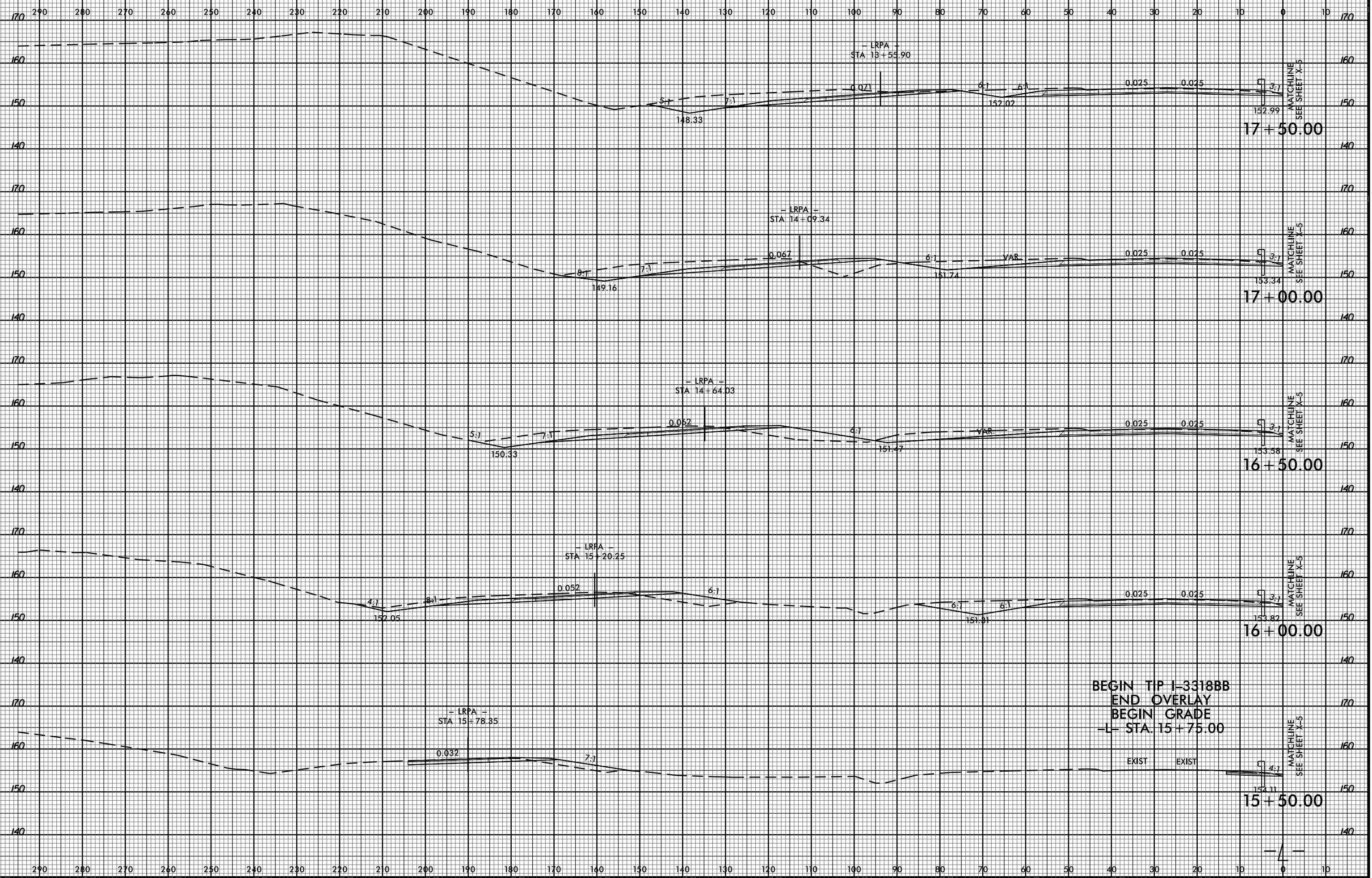
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-L- STA. 10+50.00

BEGIN CONSTRUCTION  
-L- STA. 9+85.00

Note: "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."

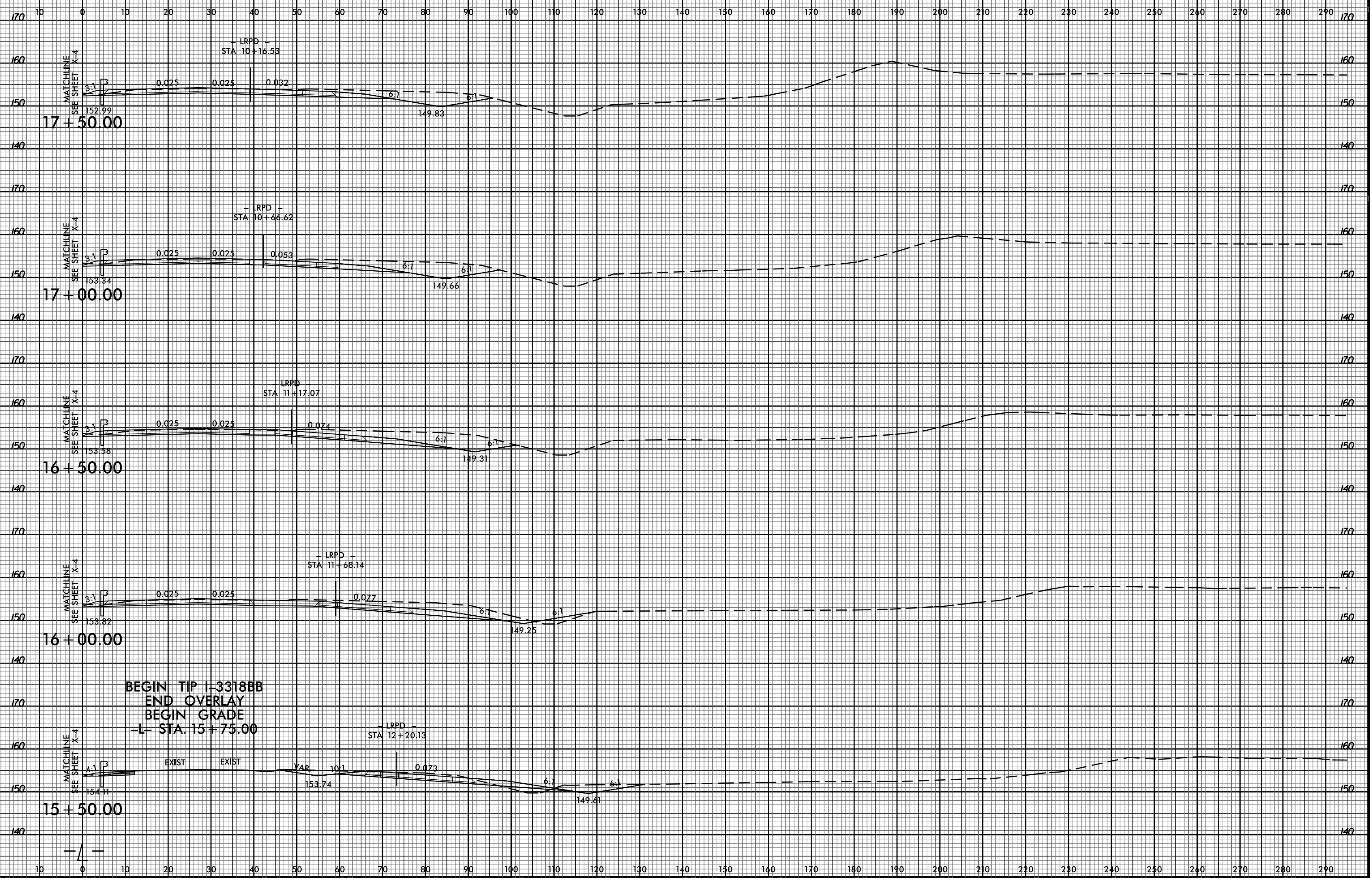


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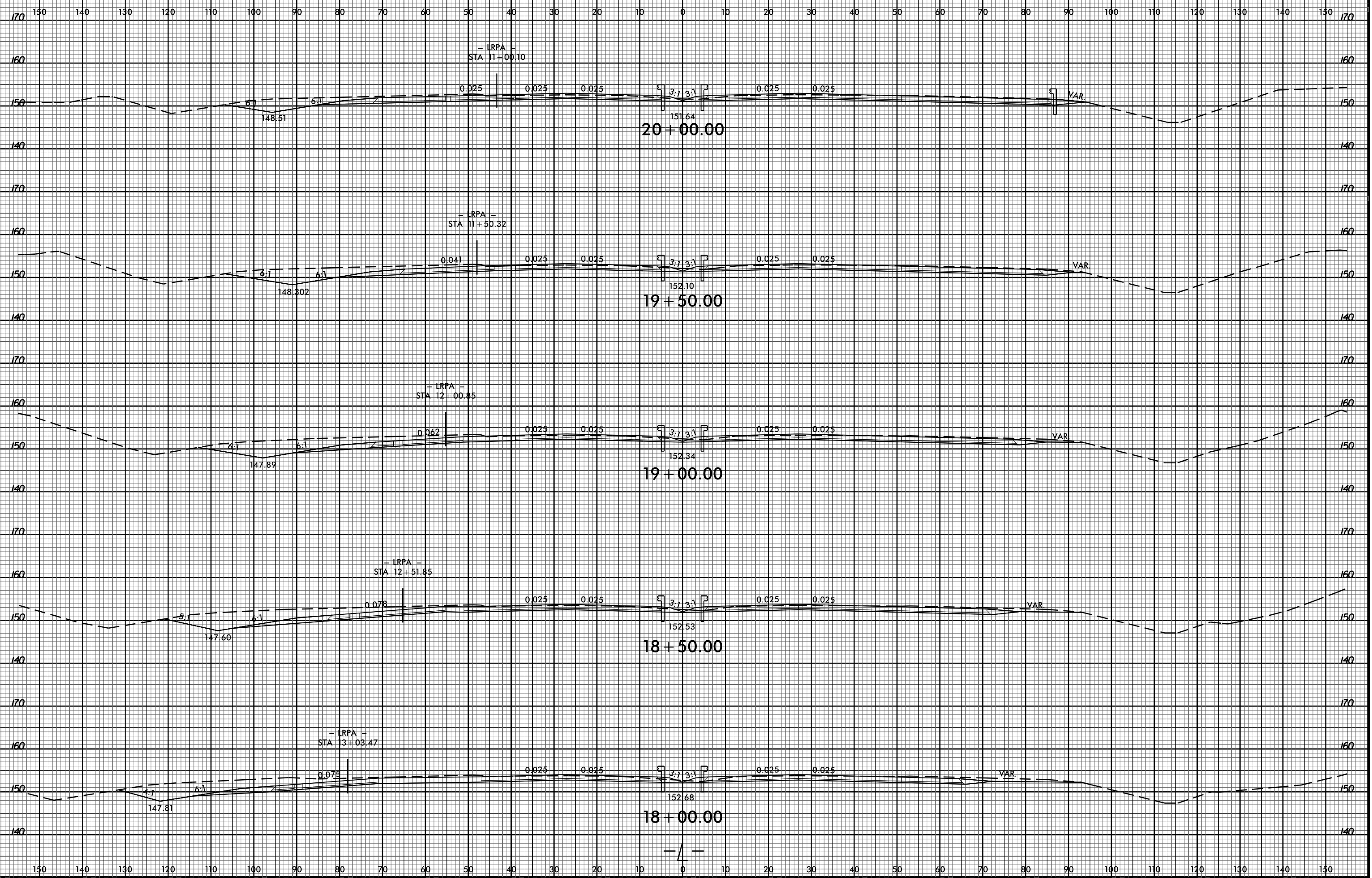


BEGIN TIP I-3318BB  
 END OVERLAY  
 BEGIN GRADE  
 -L- STA. 15+75.00

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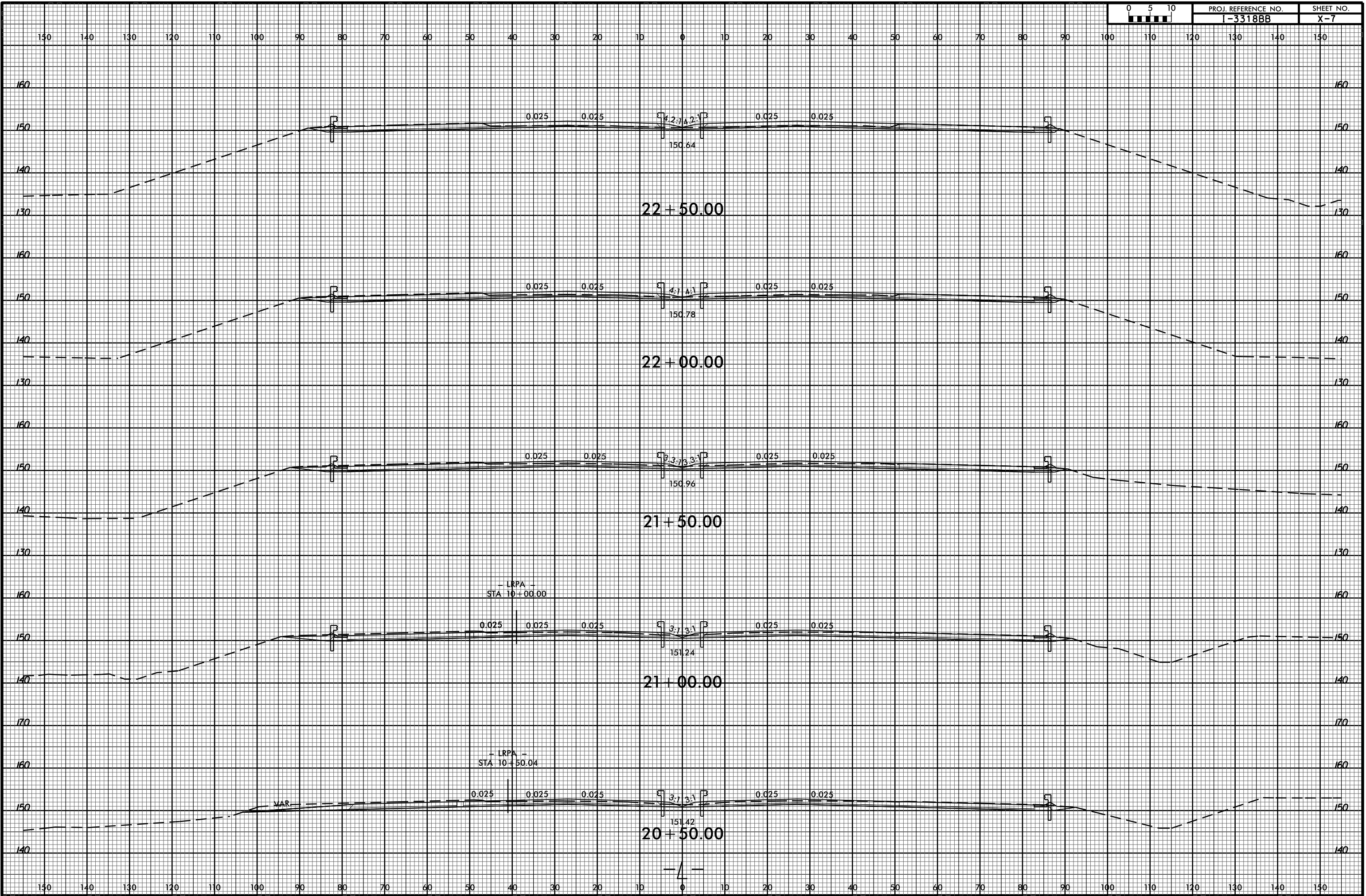
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PROJ. REFERENCE NO. I-3318BB SHEET NO. X-7



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- LRPA -  
STA 10+00.00

- LRPA -  
STA 10+50.04

VAR

22+50.00

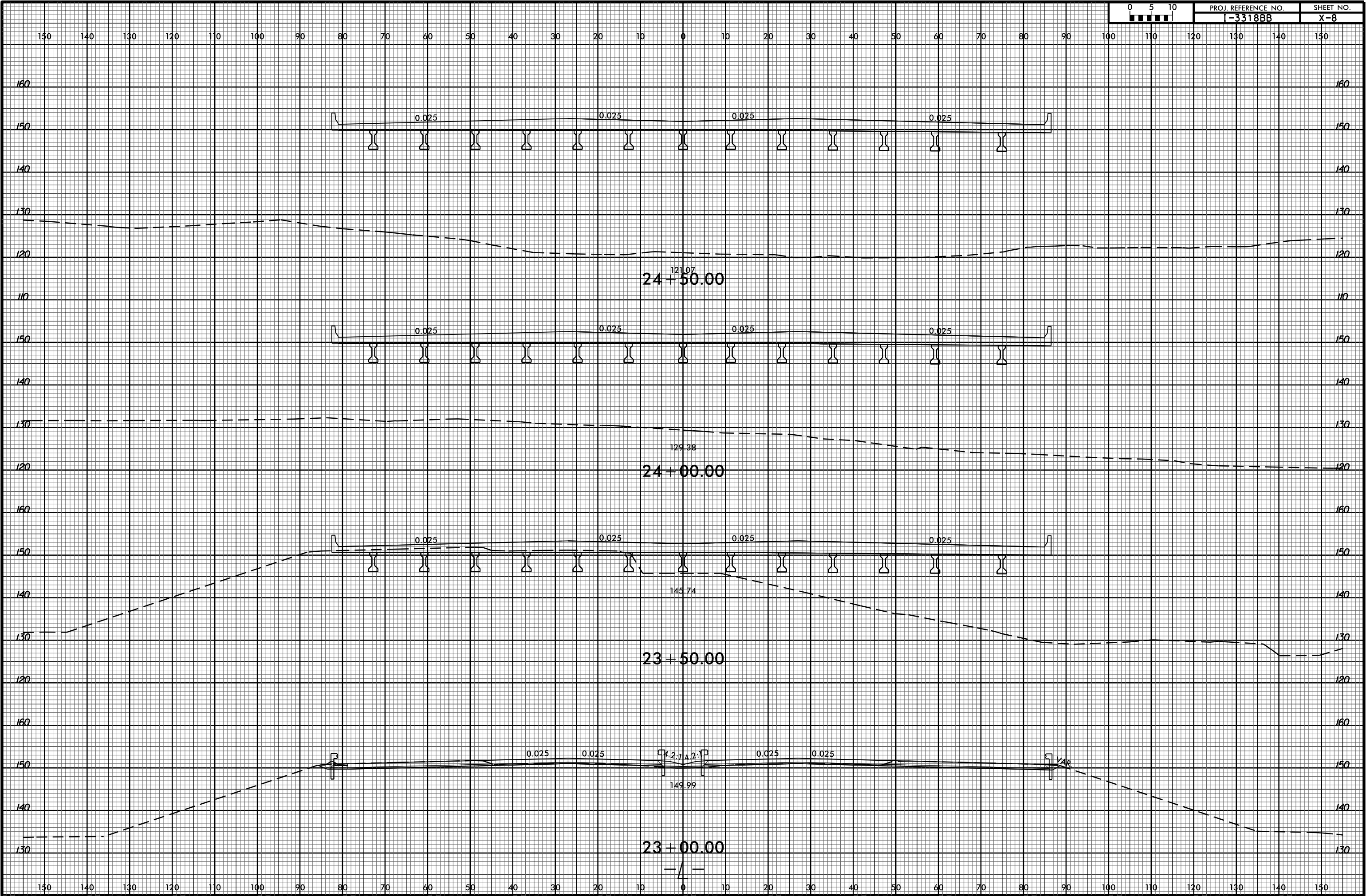
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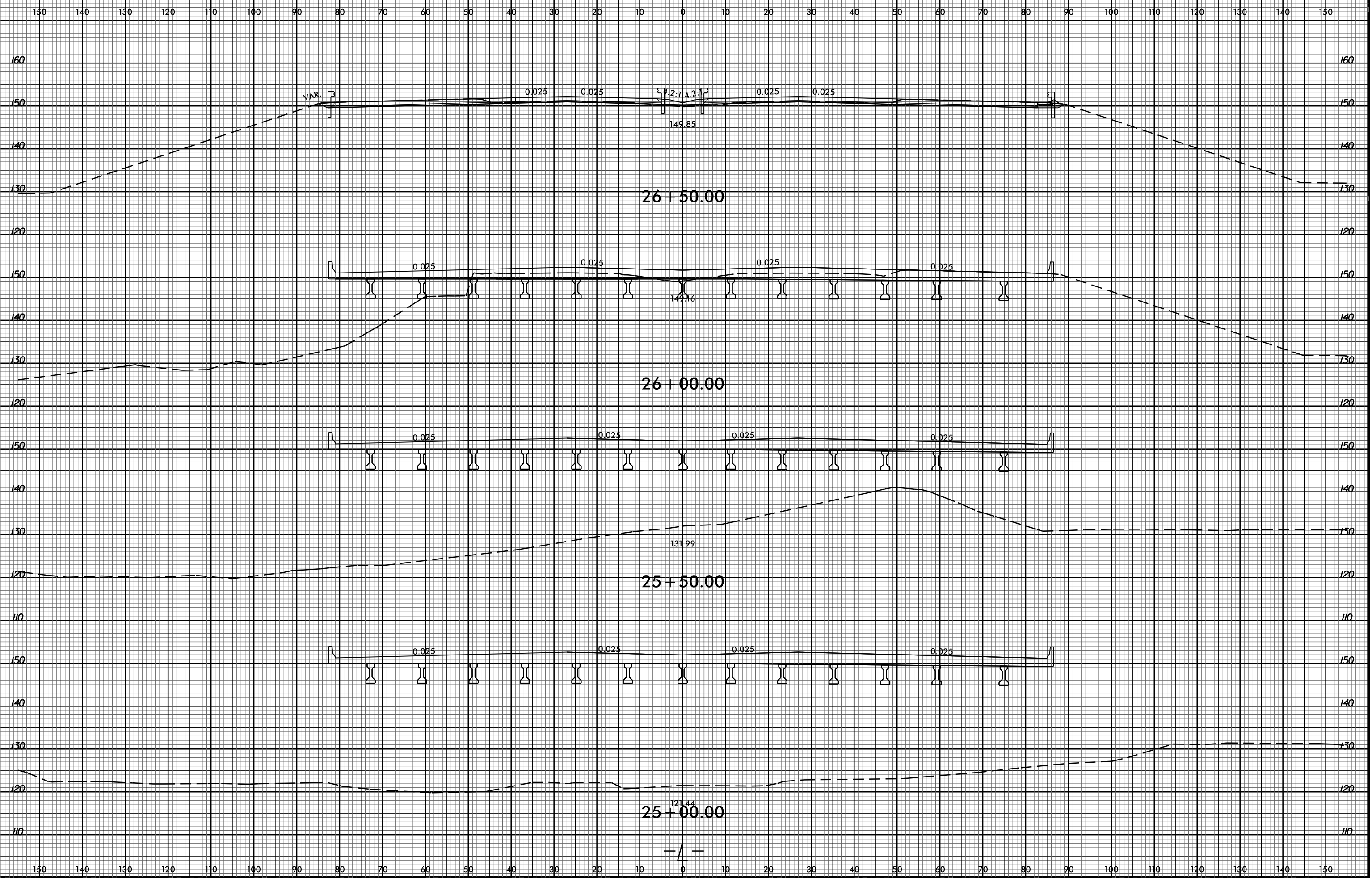
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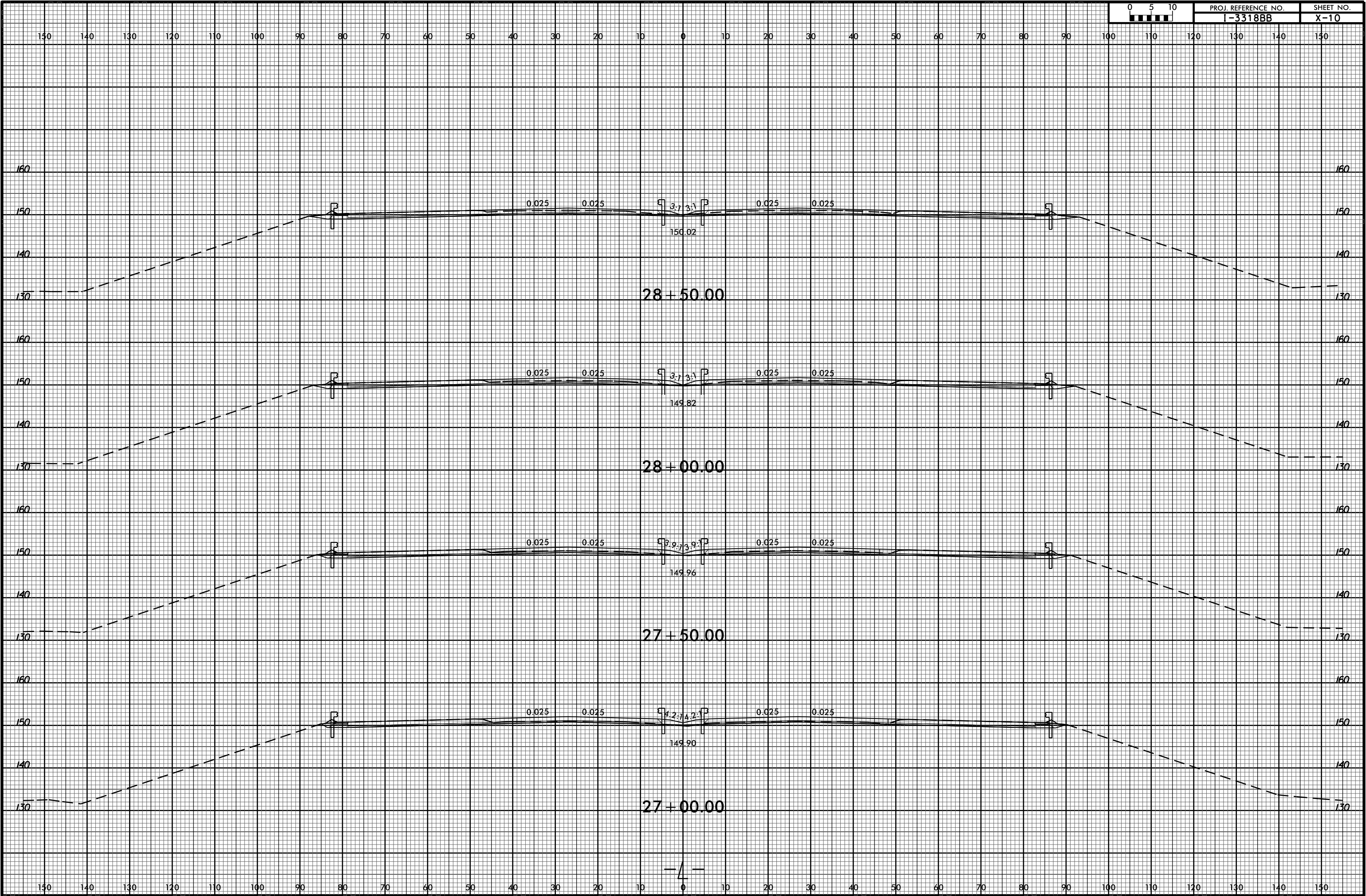
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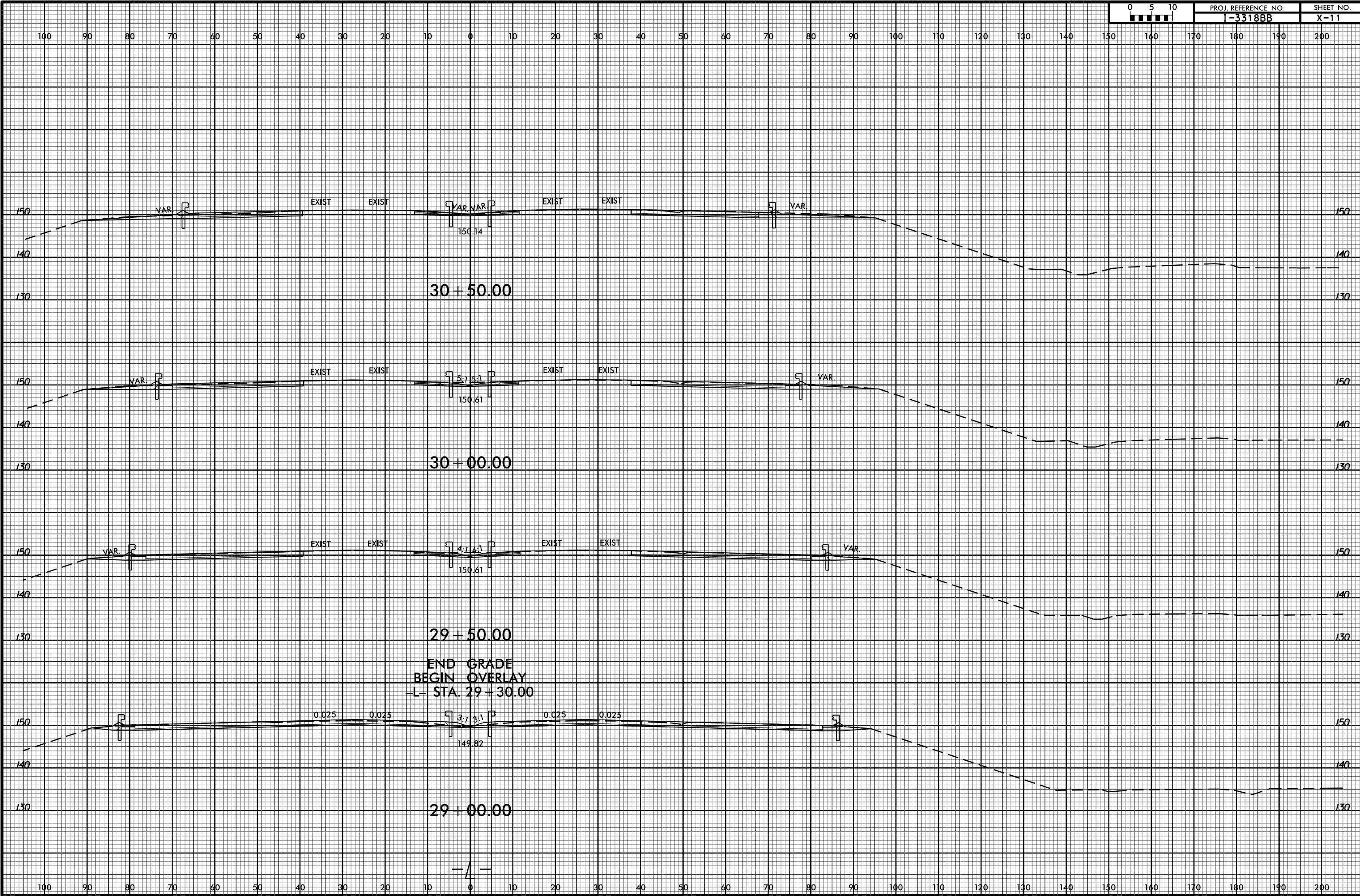


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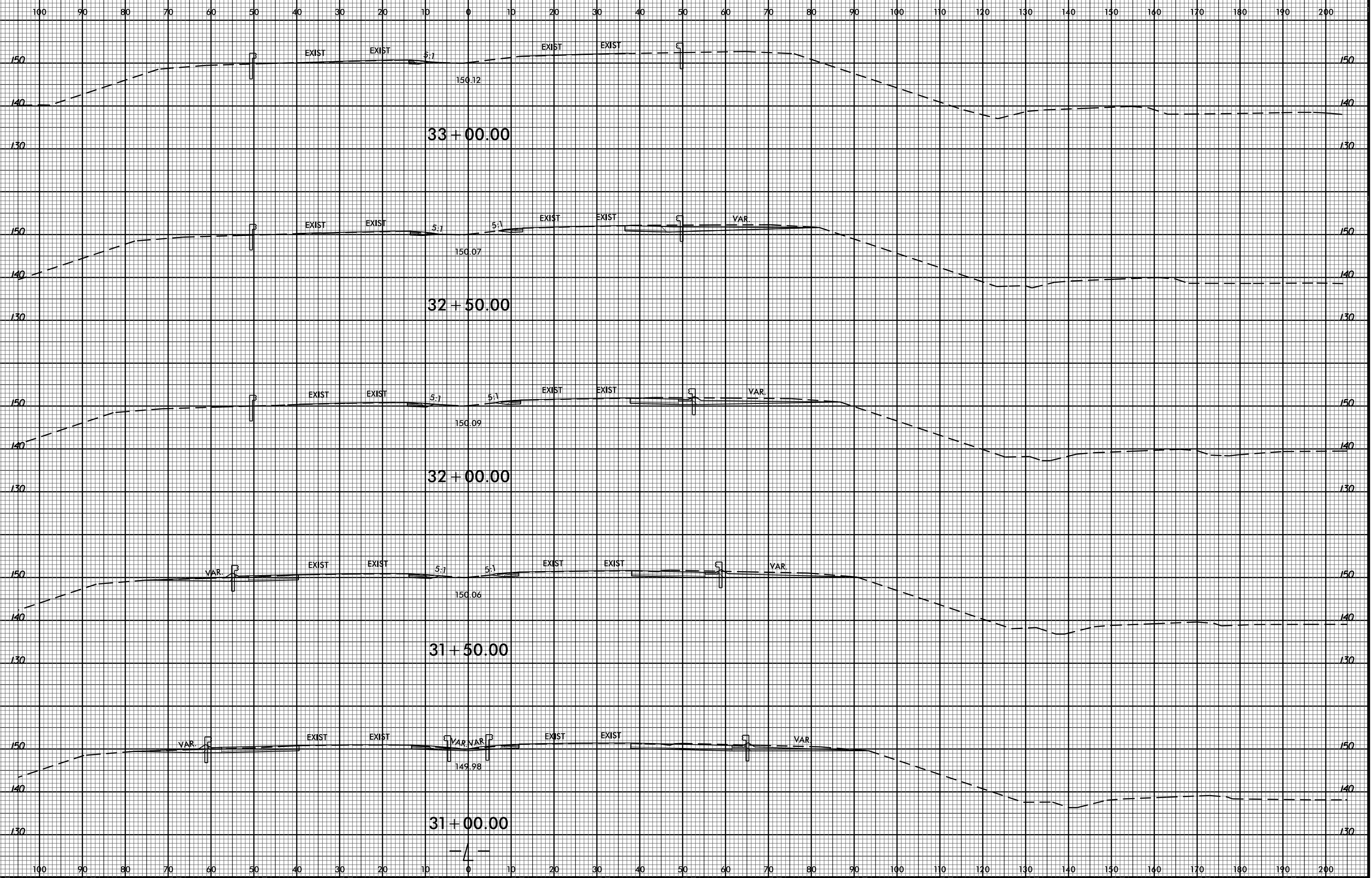


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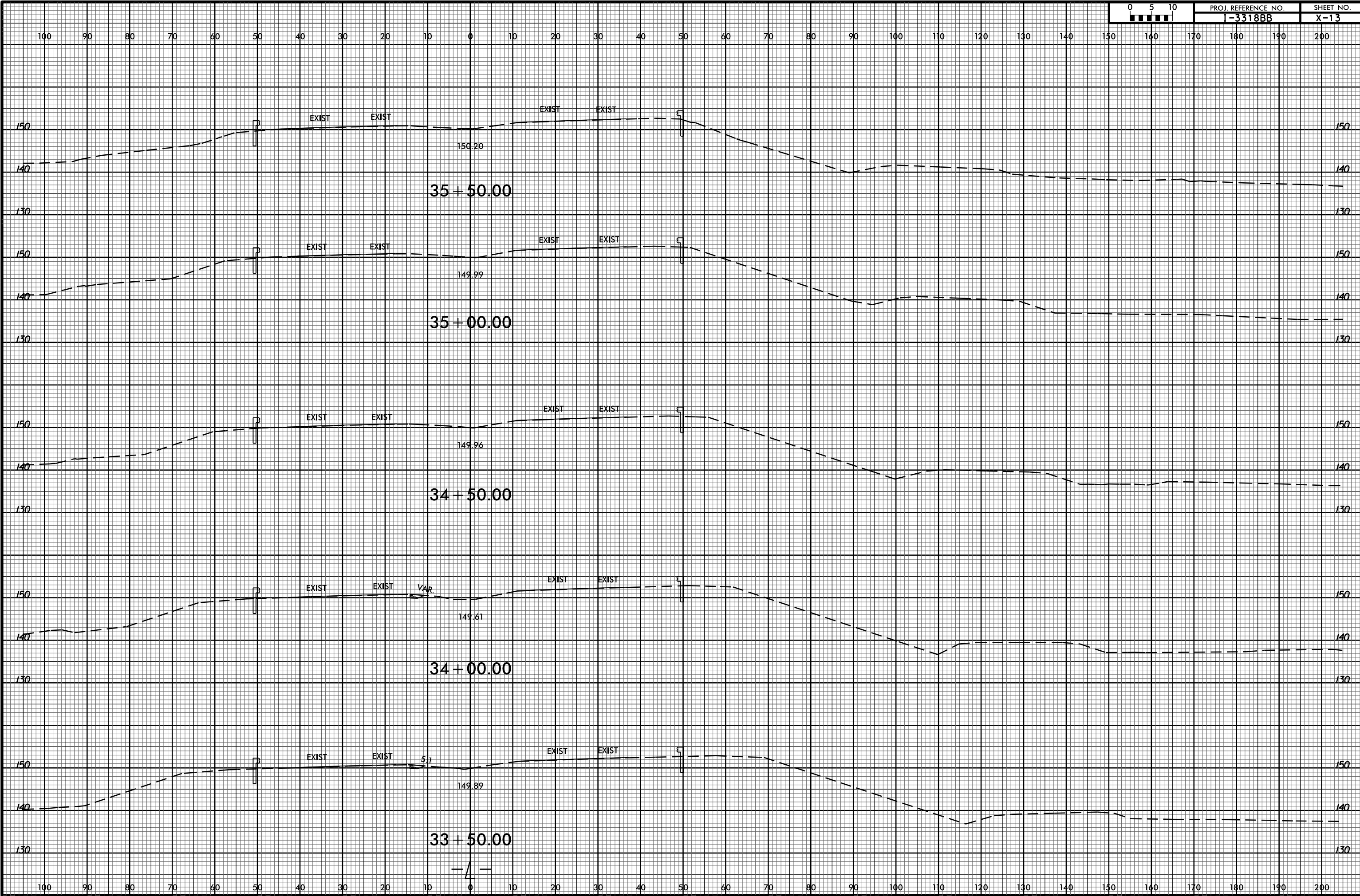


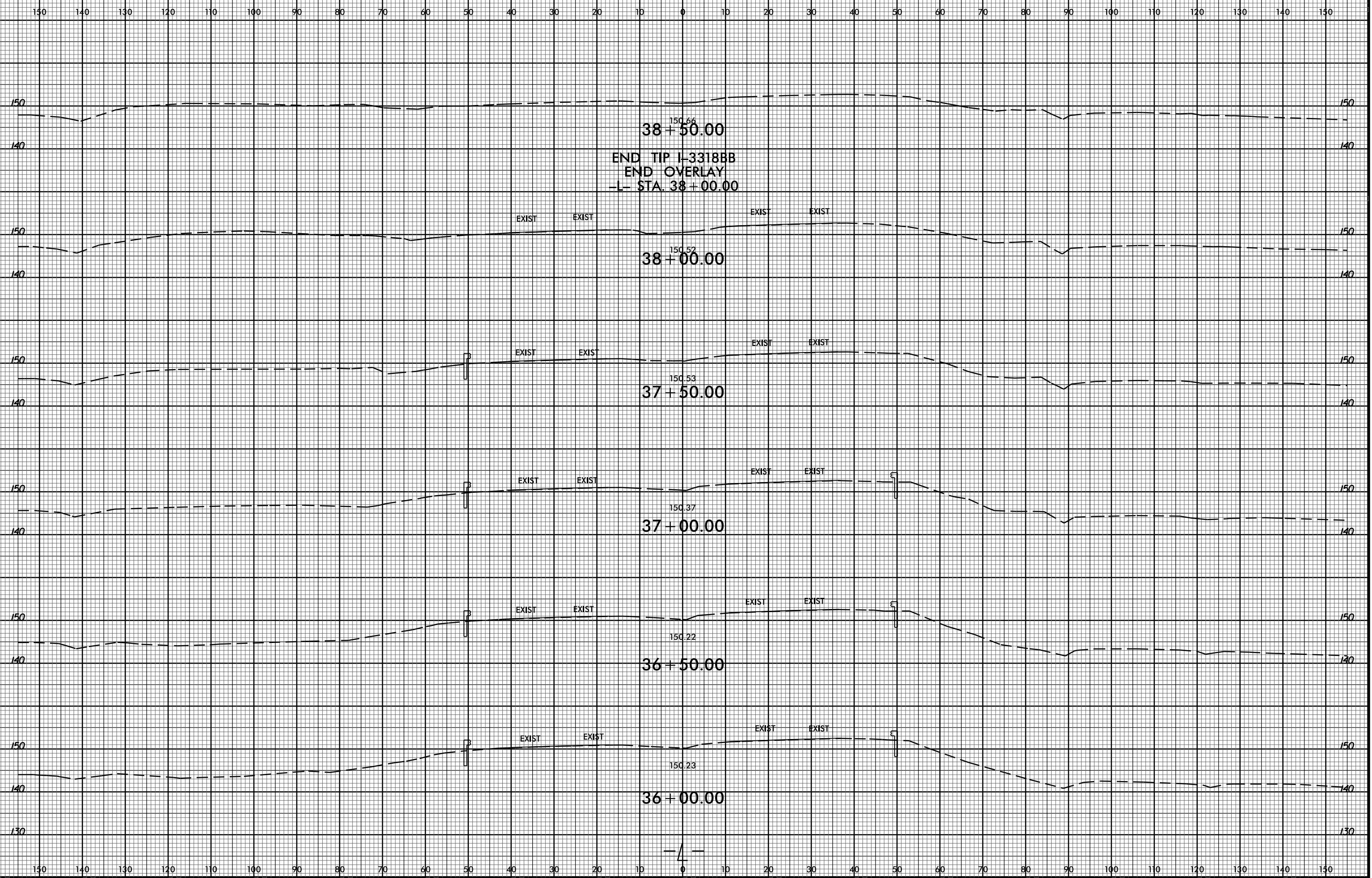


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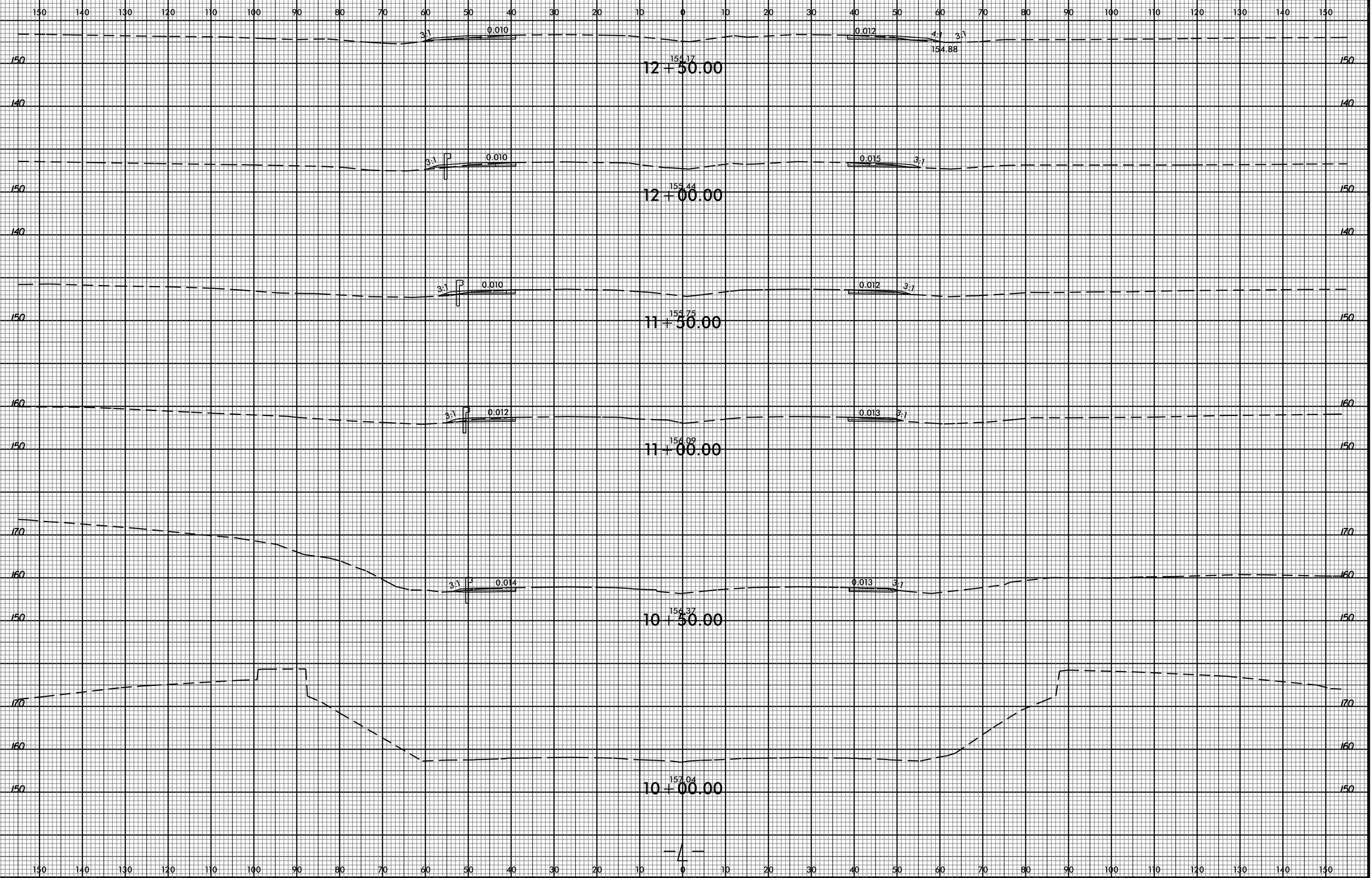


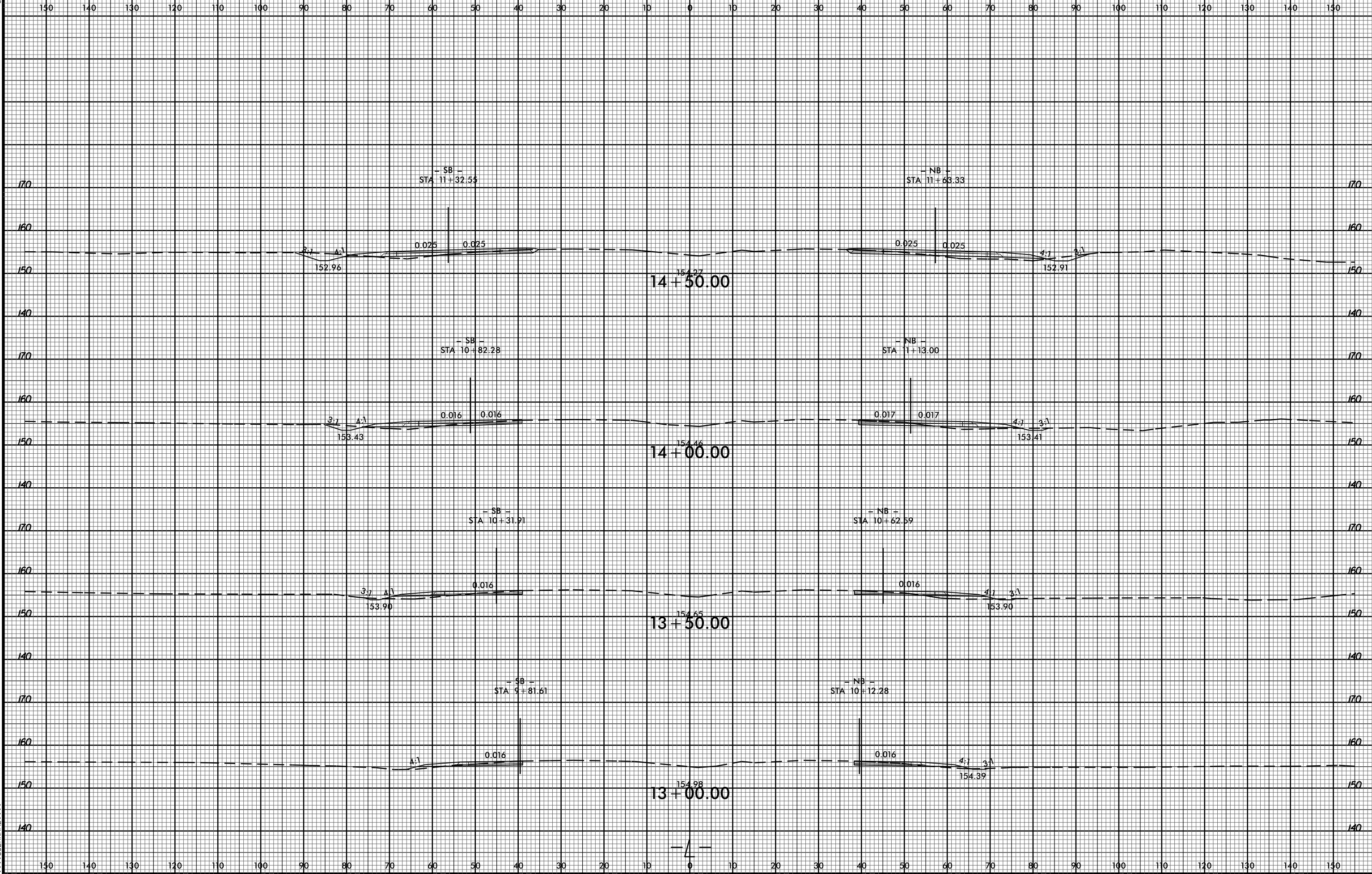
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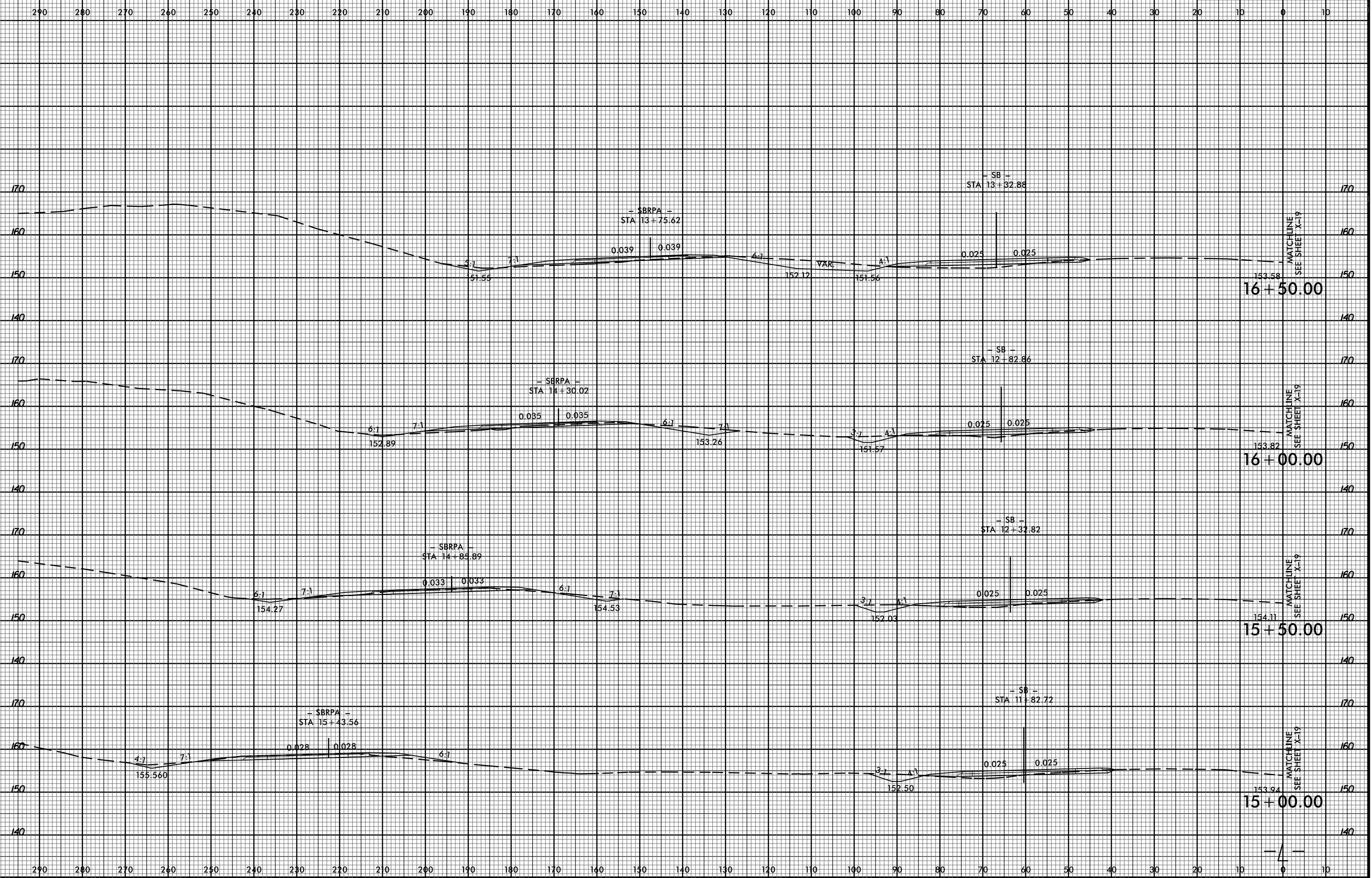




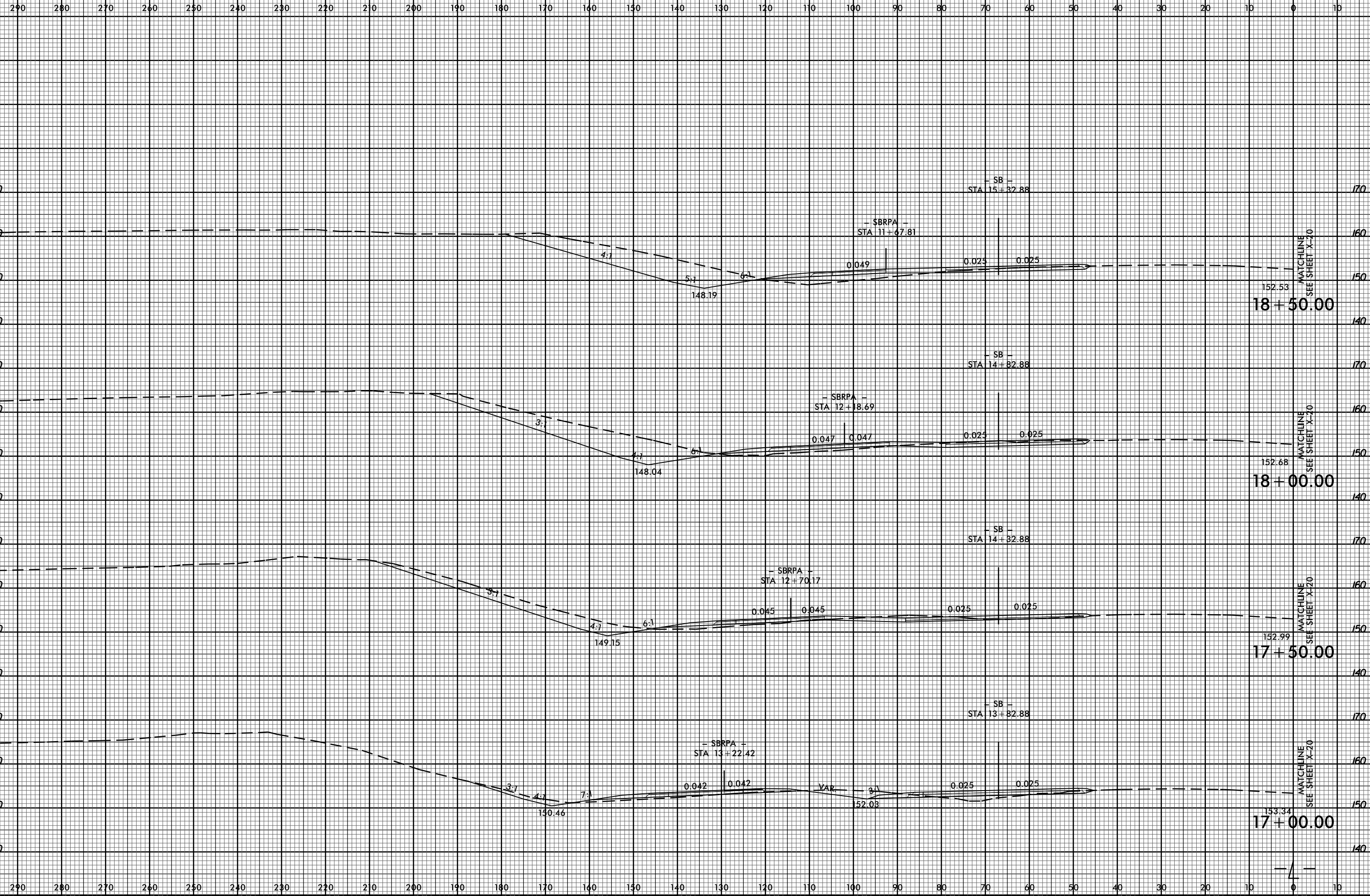


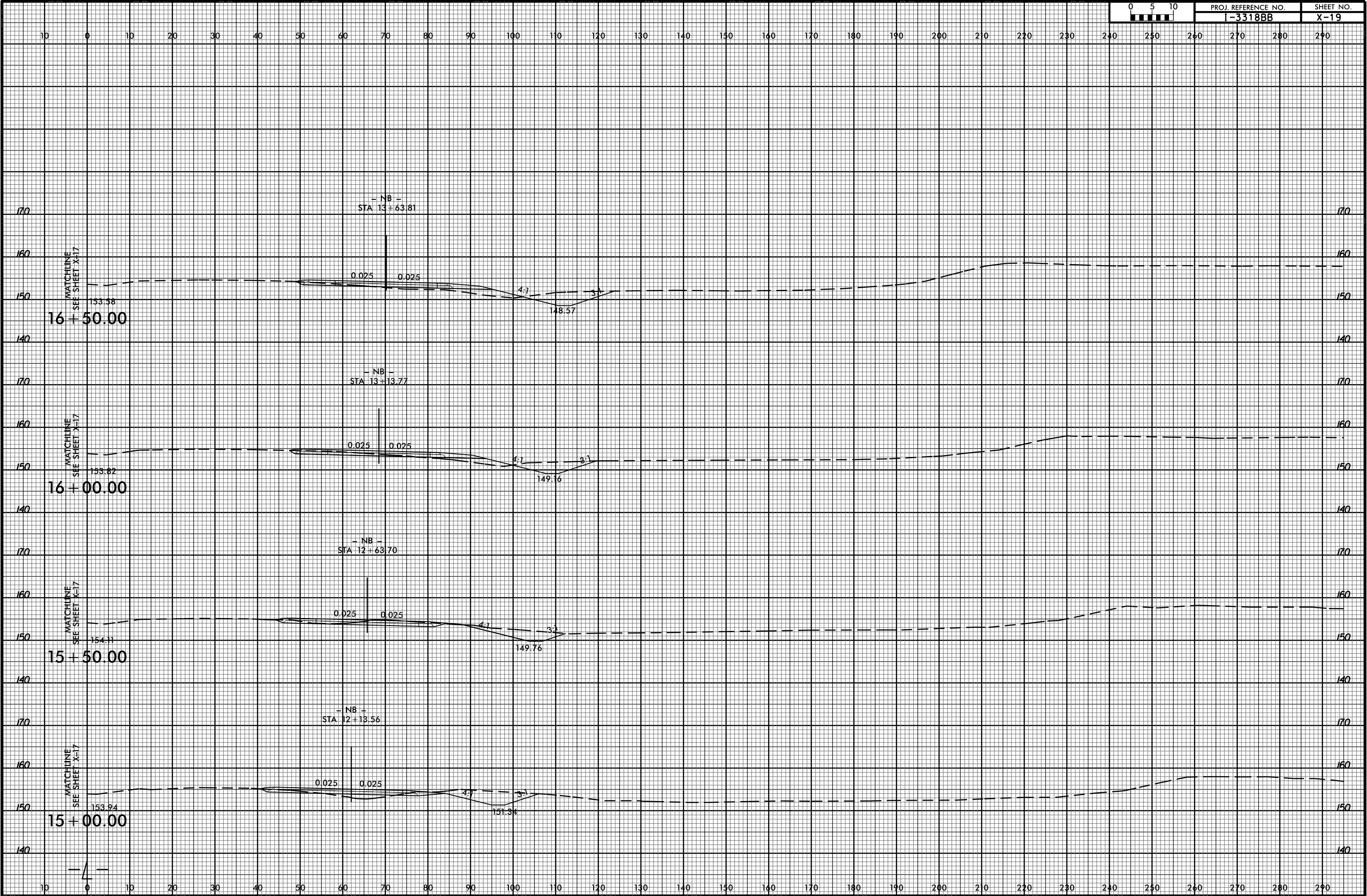


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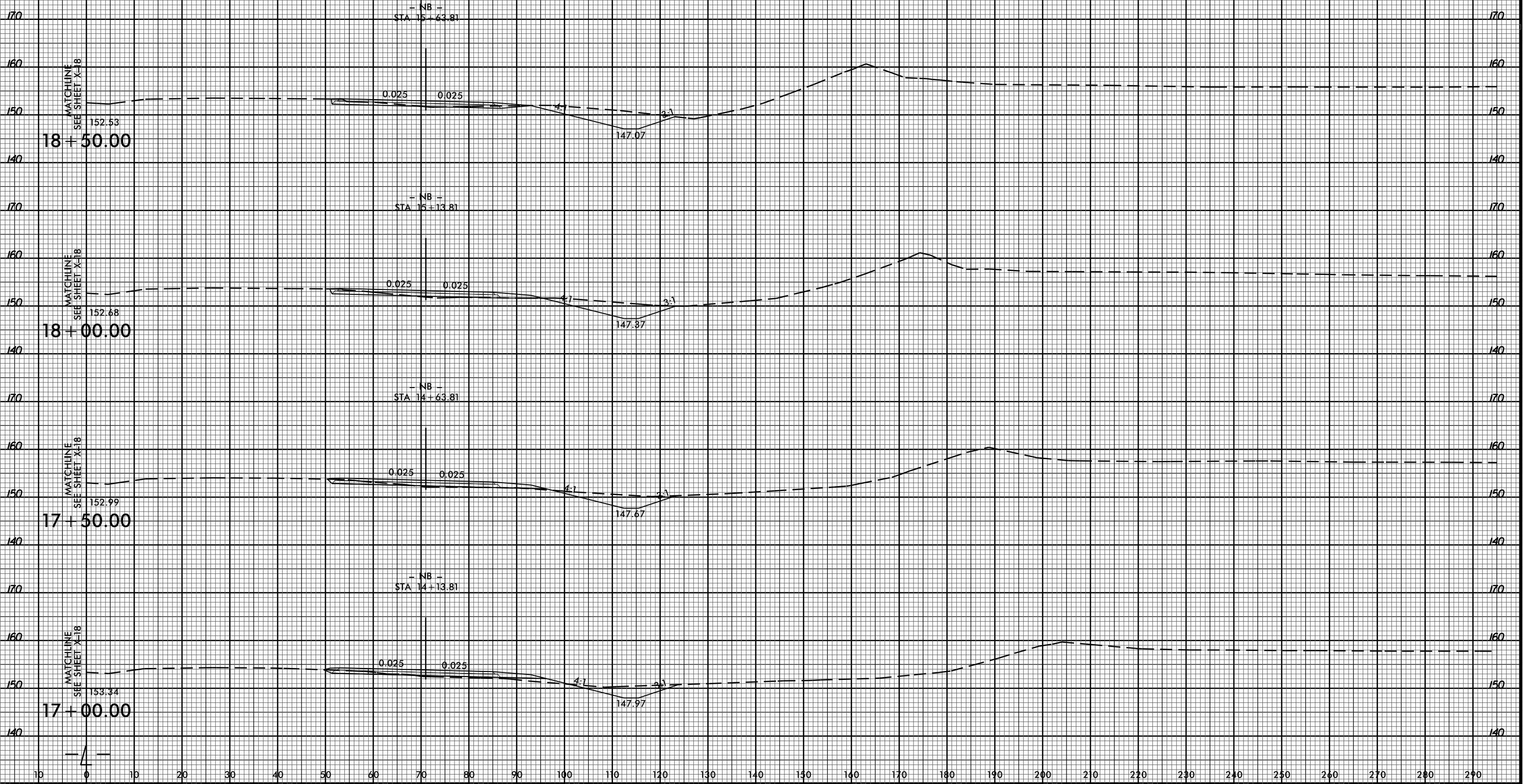


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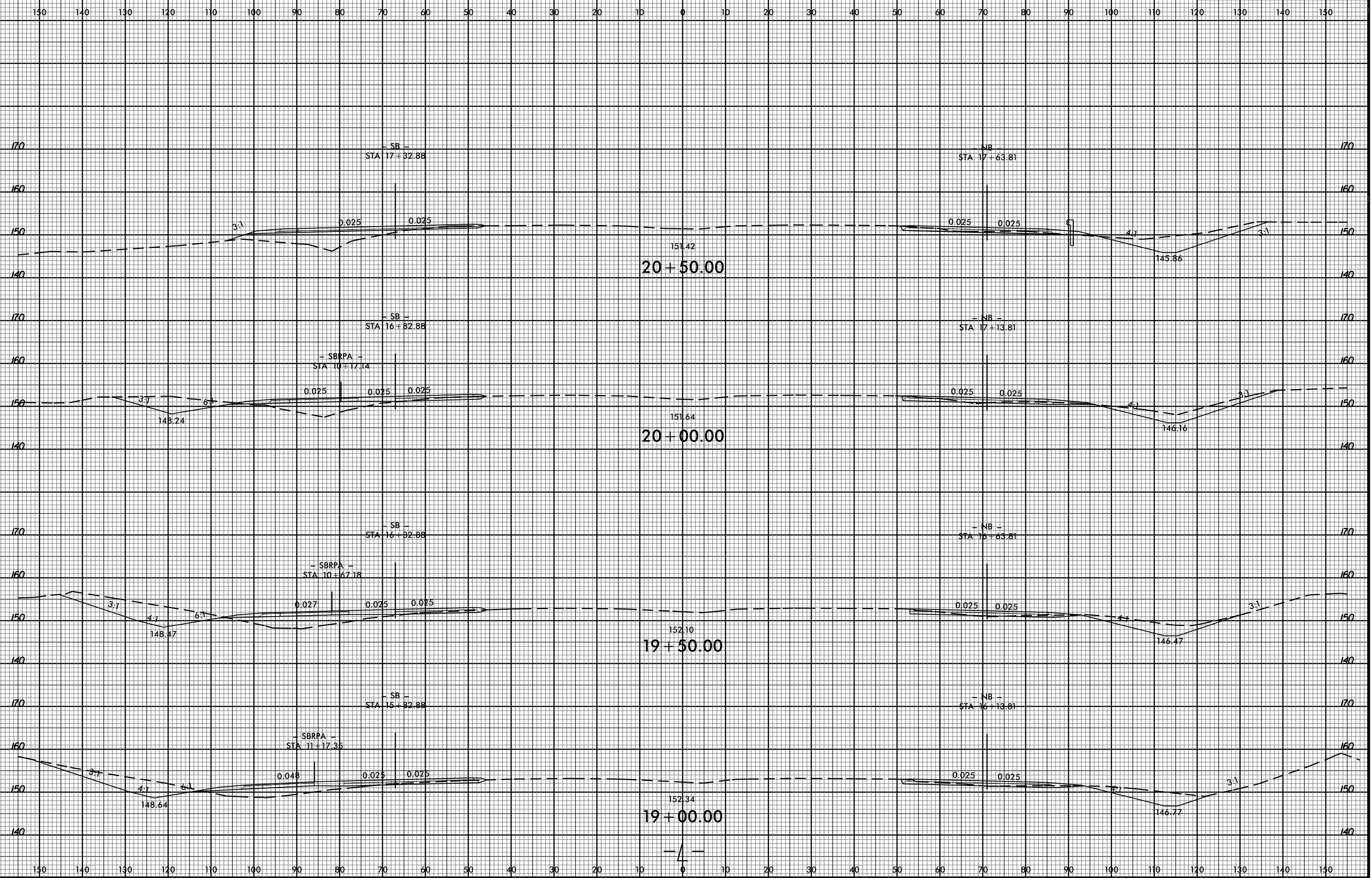




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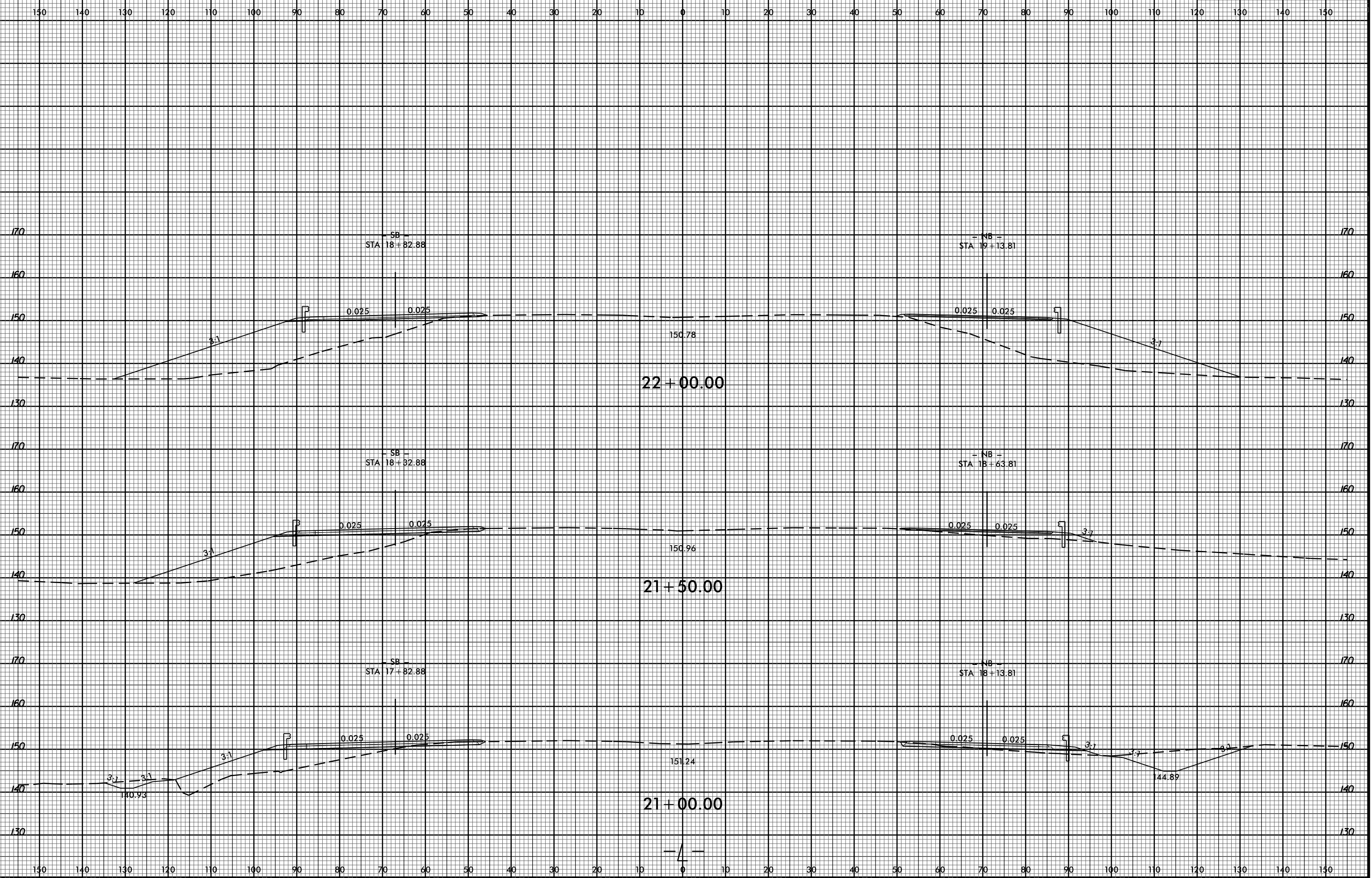


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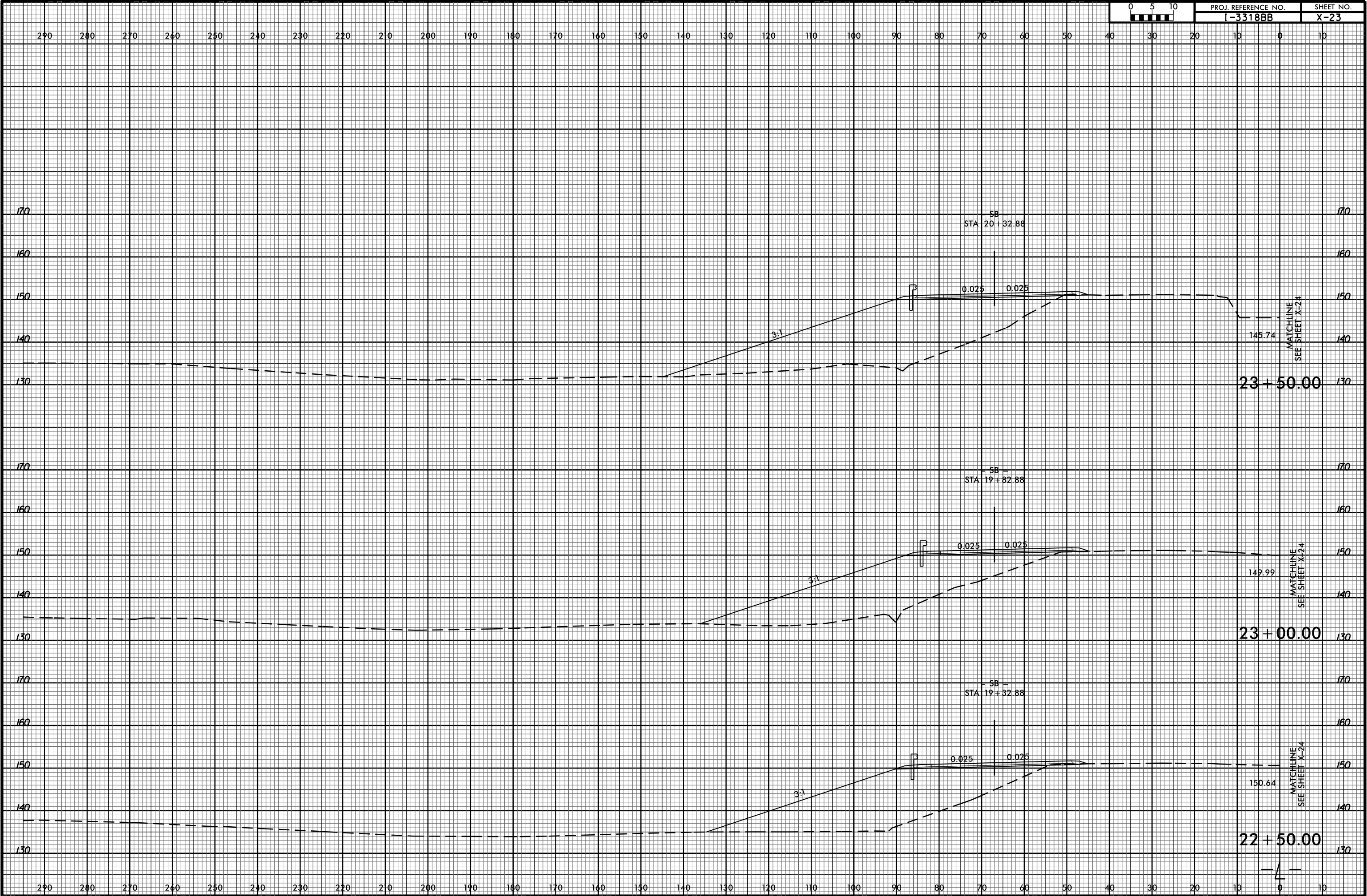
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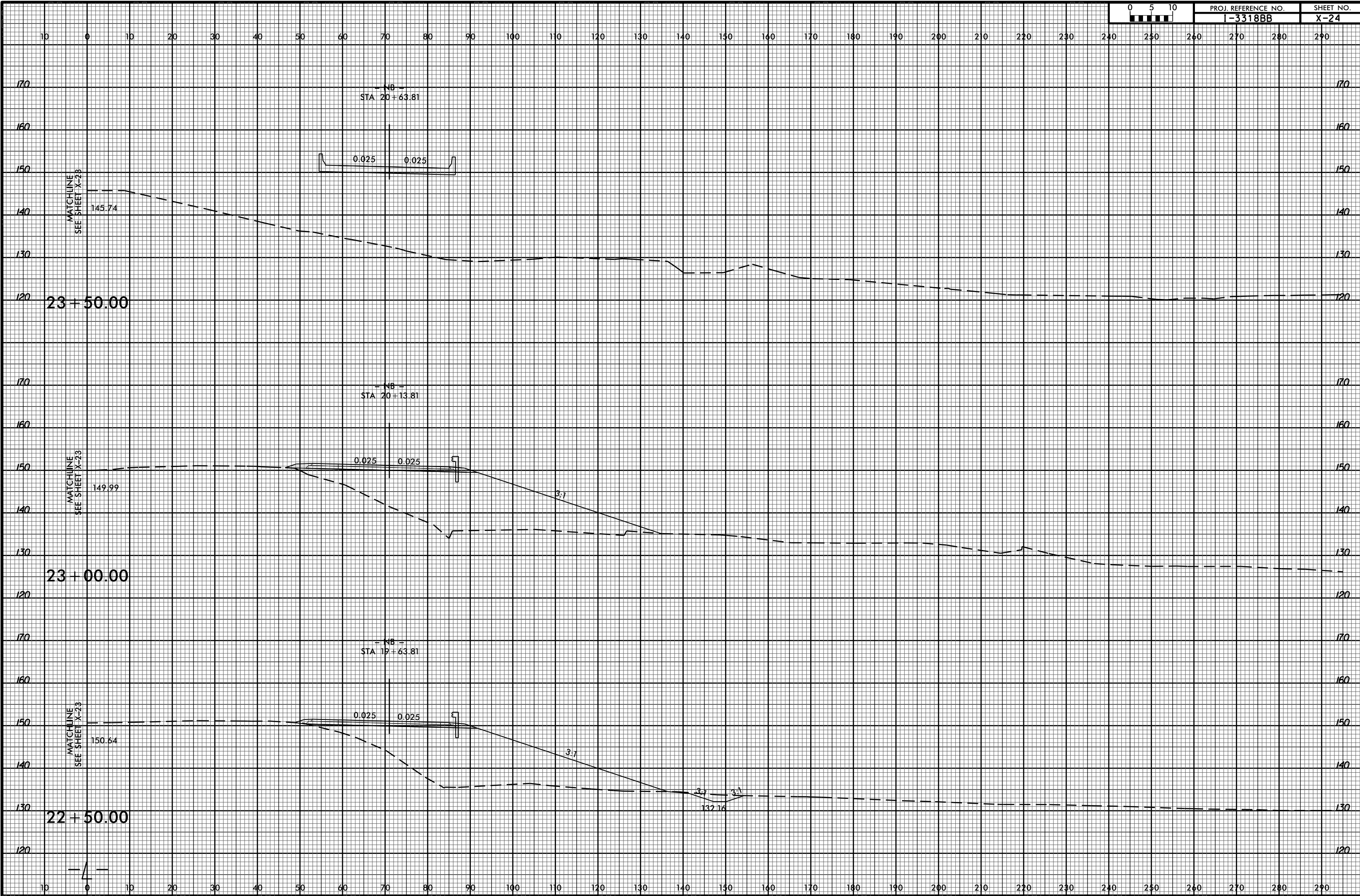


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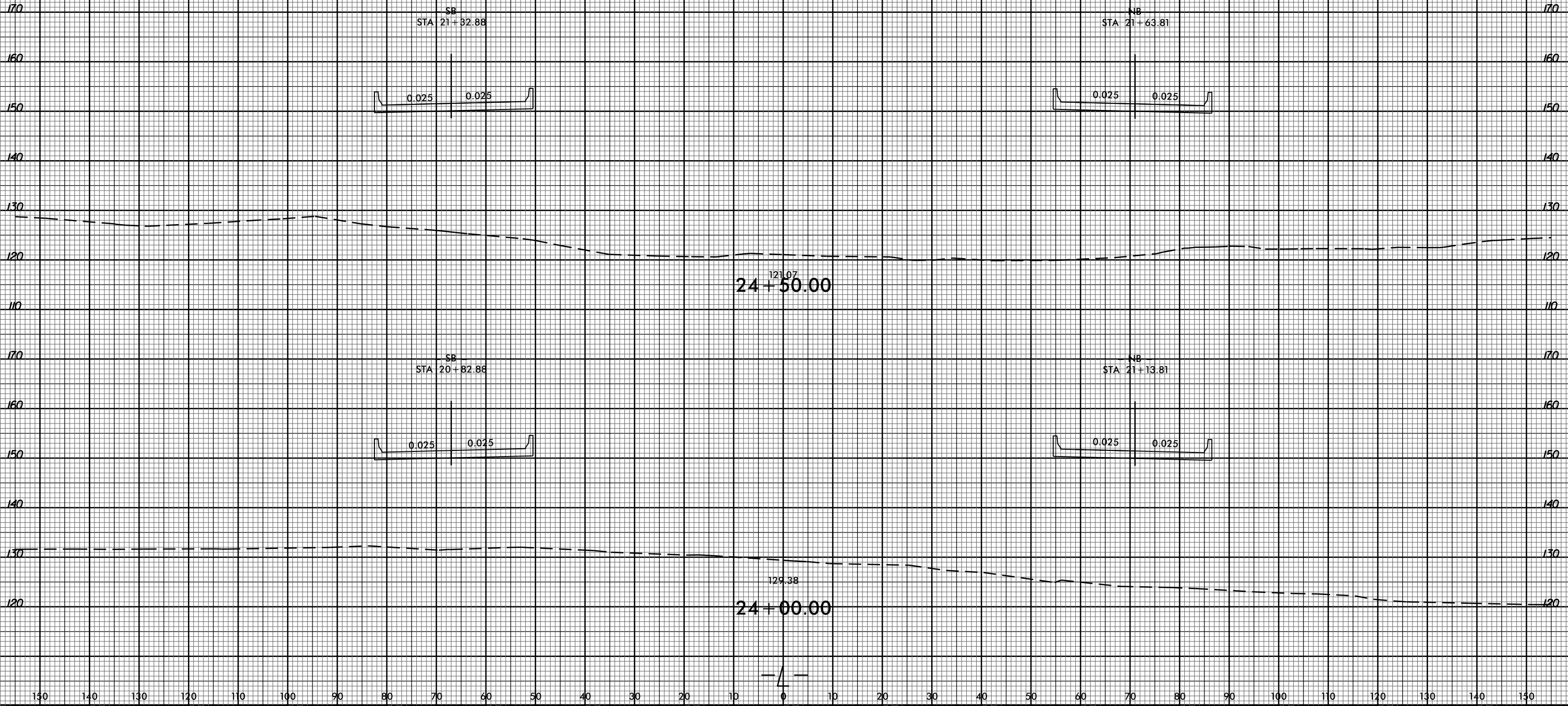
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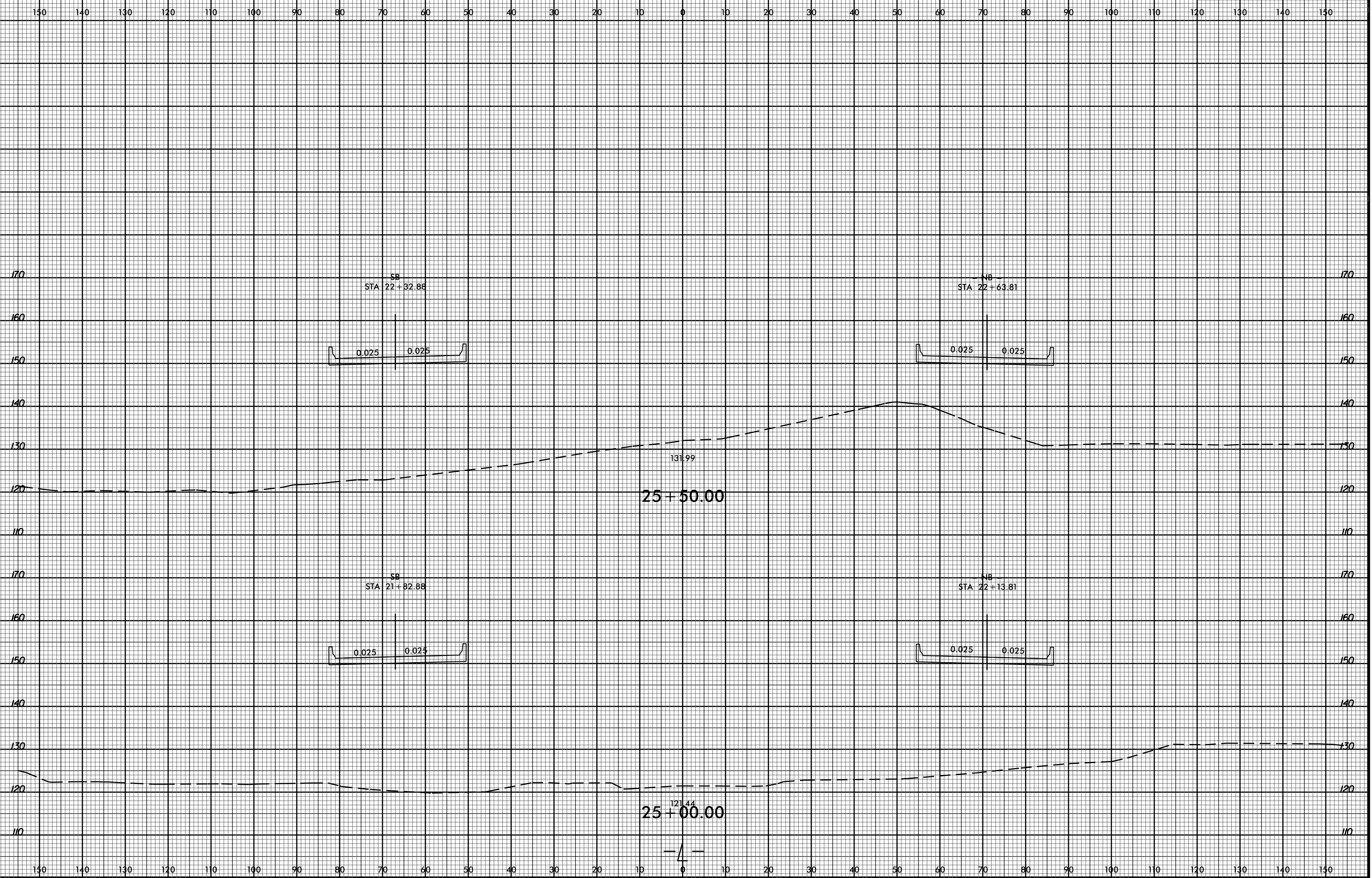
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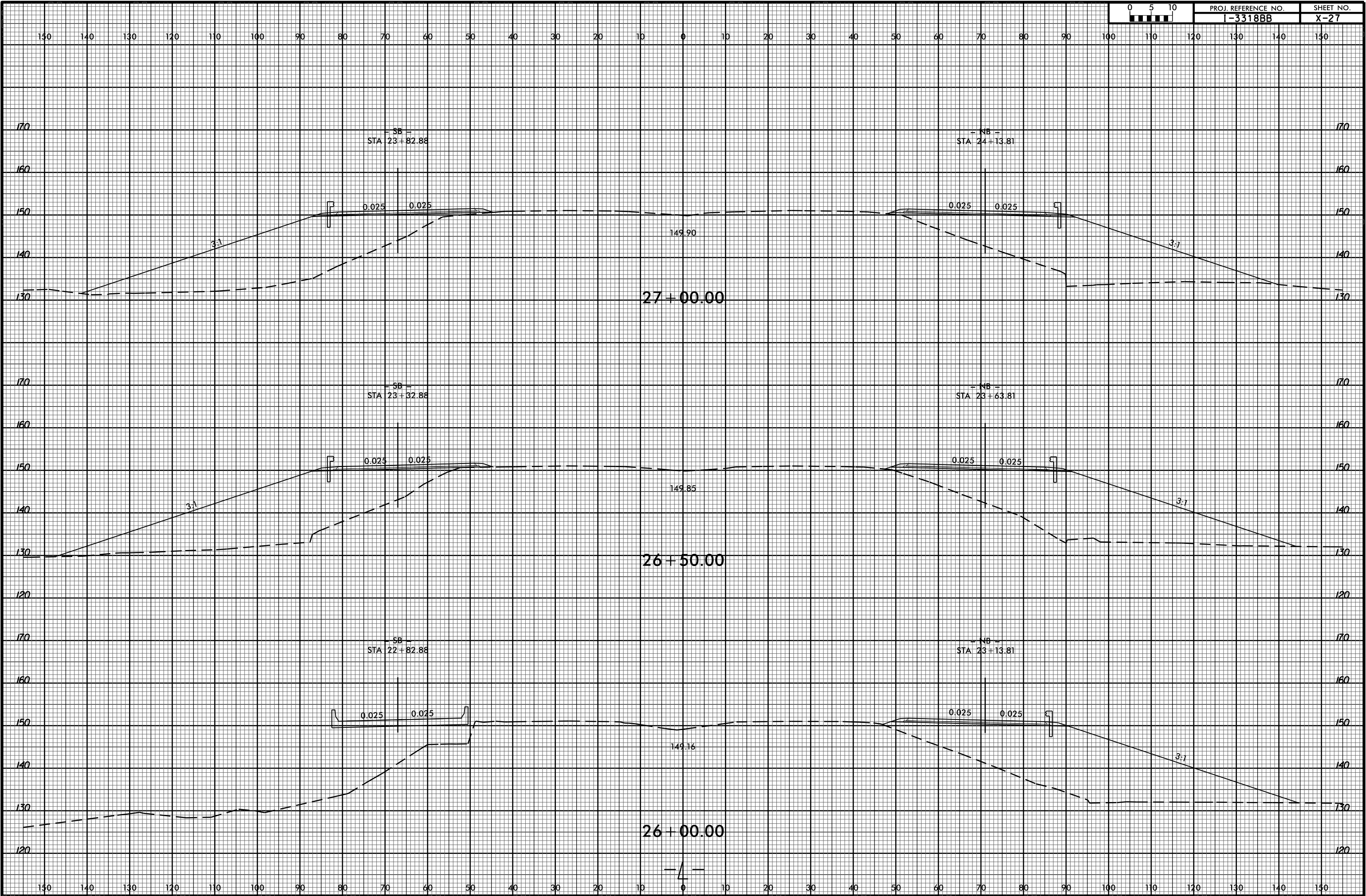


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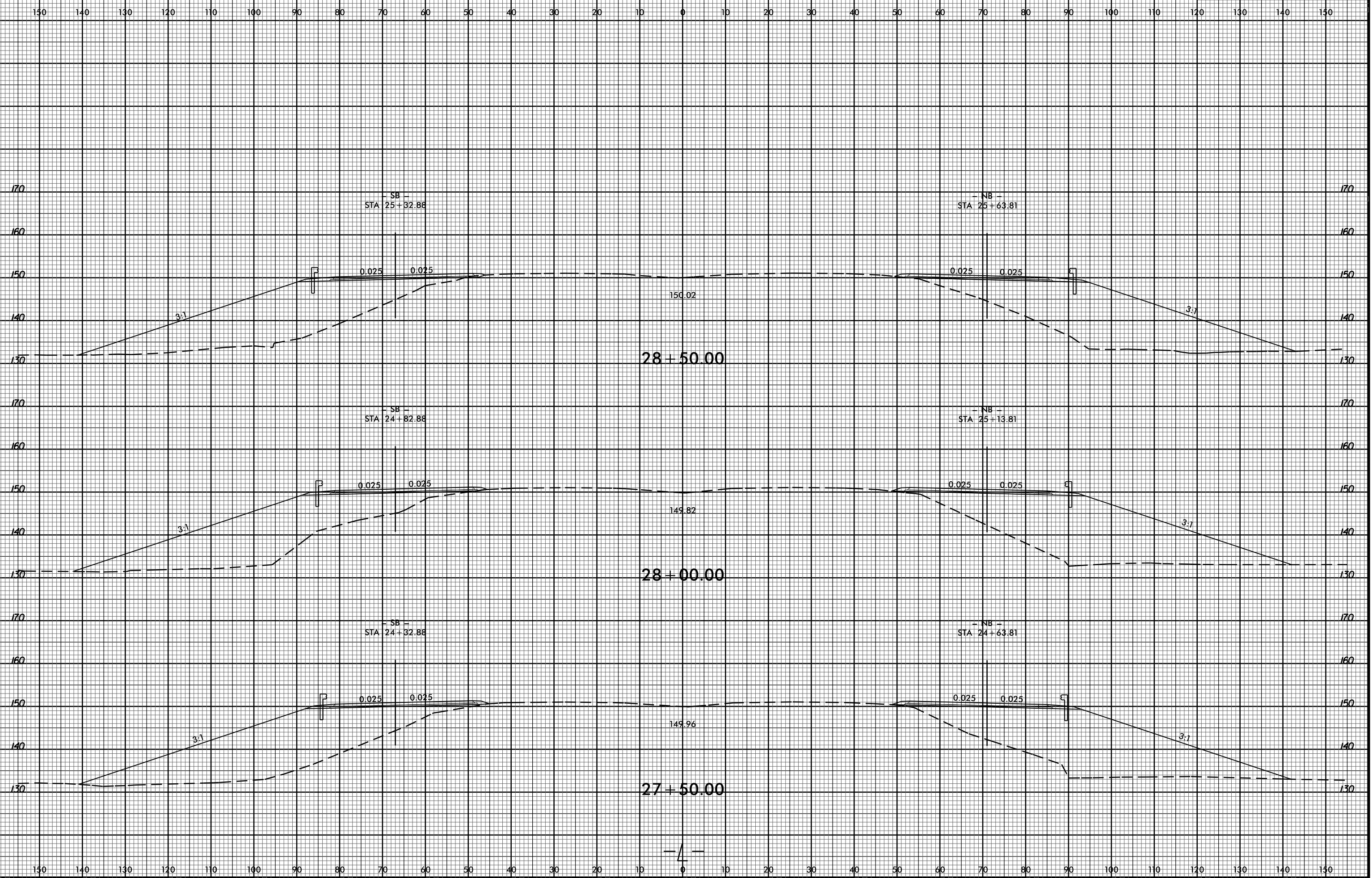


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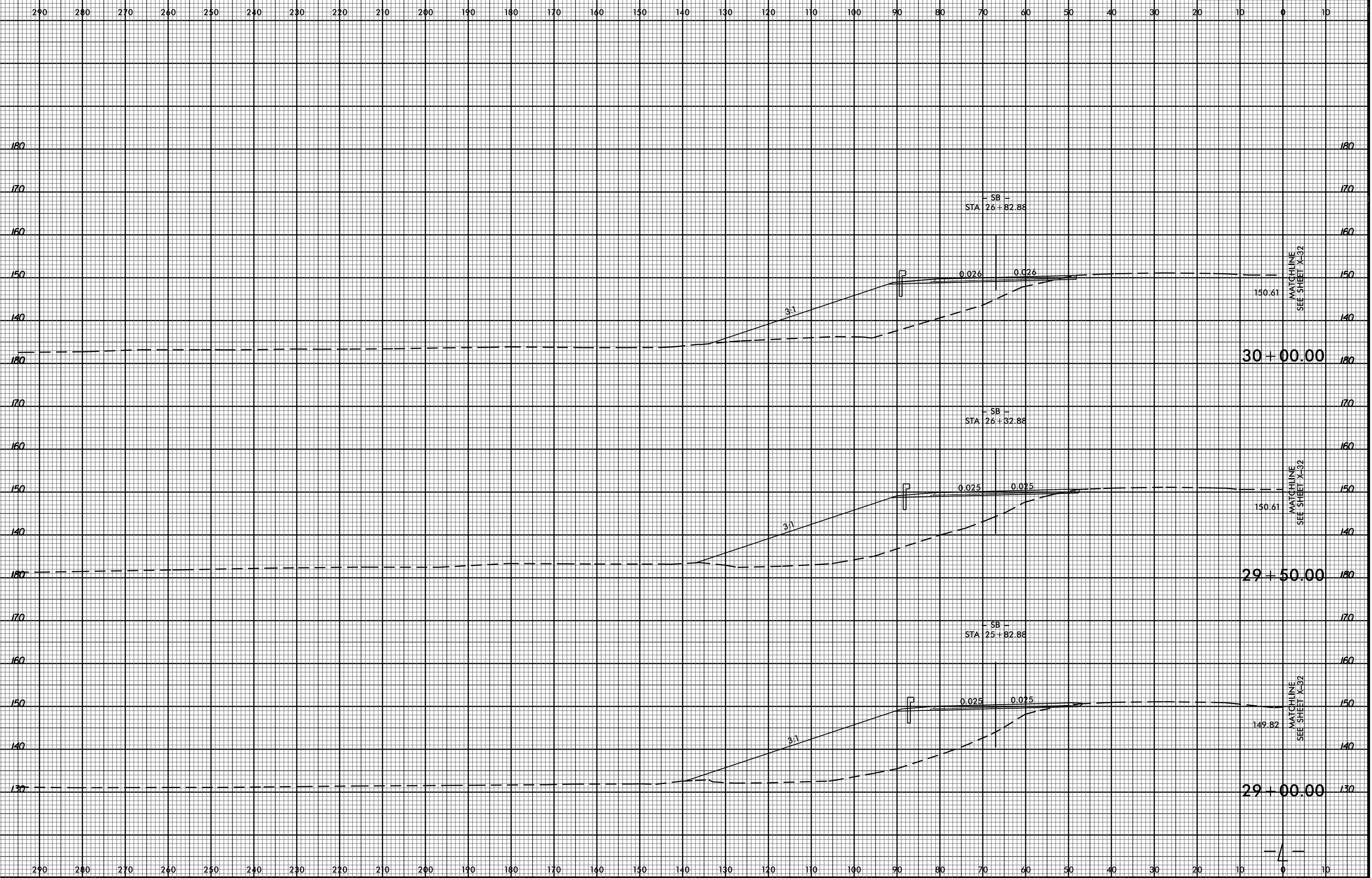
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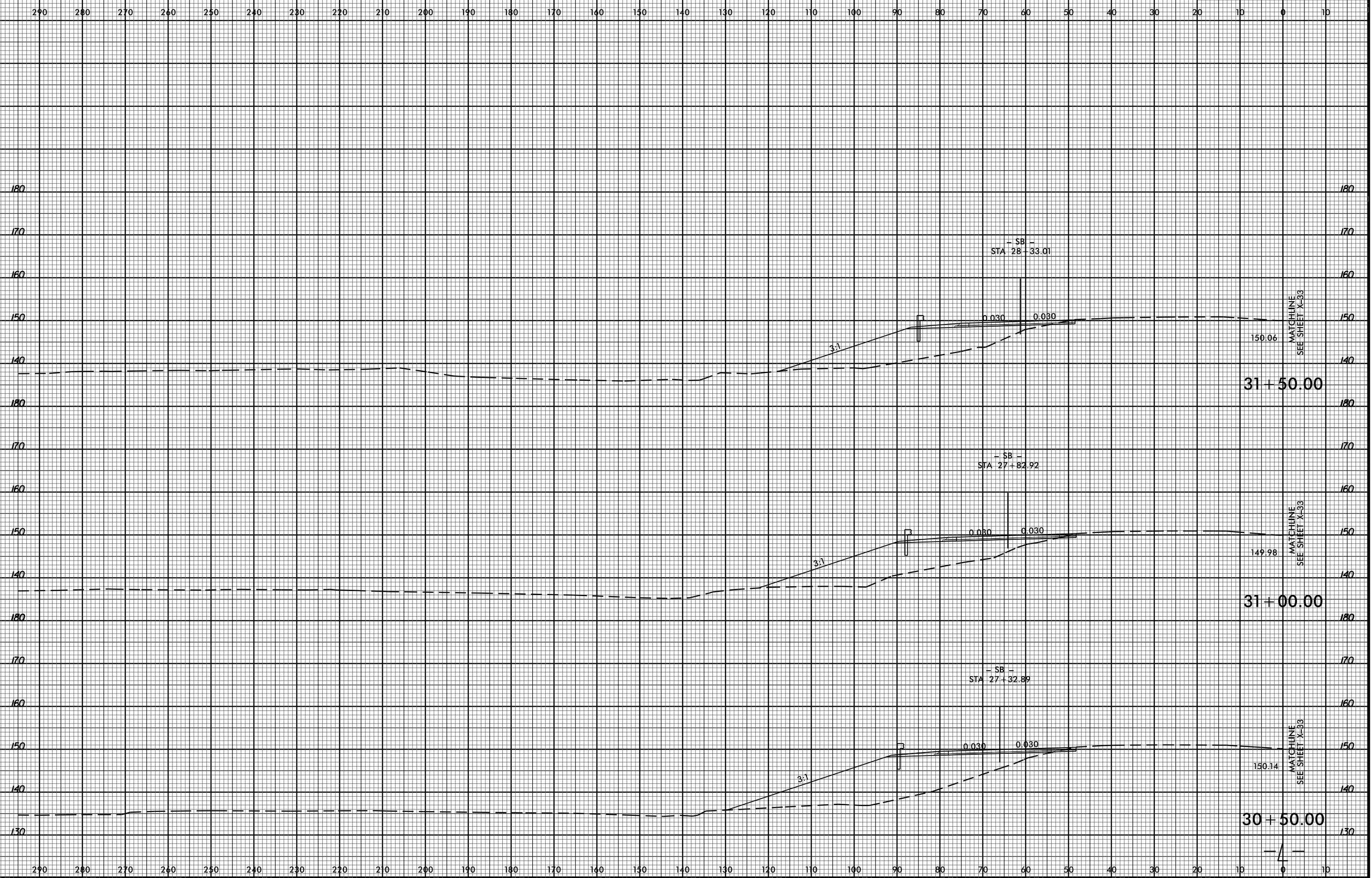


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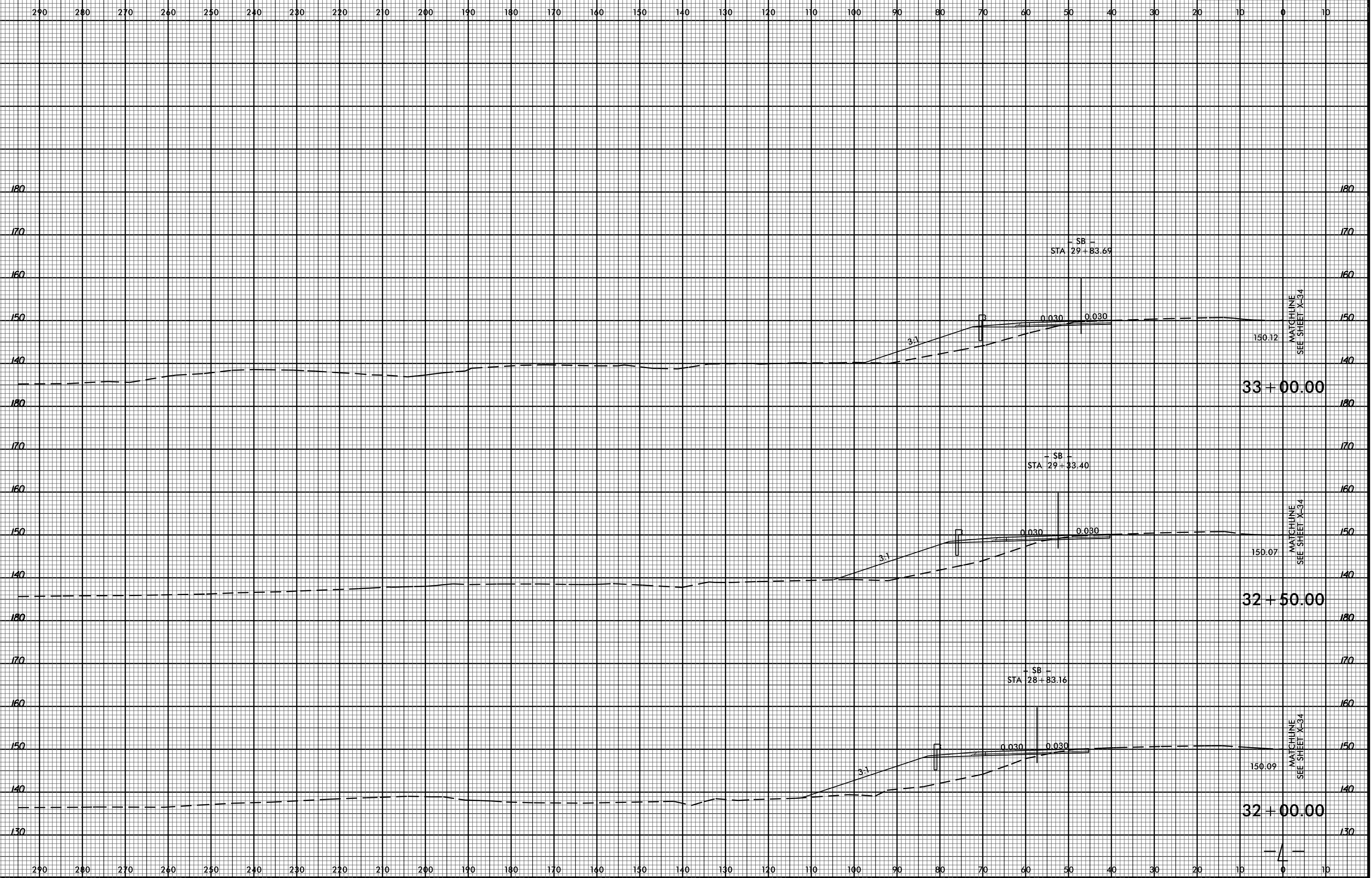


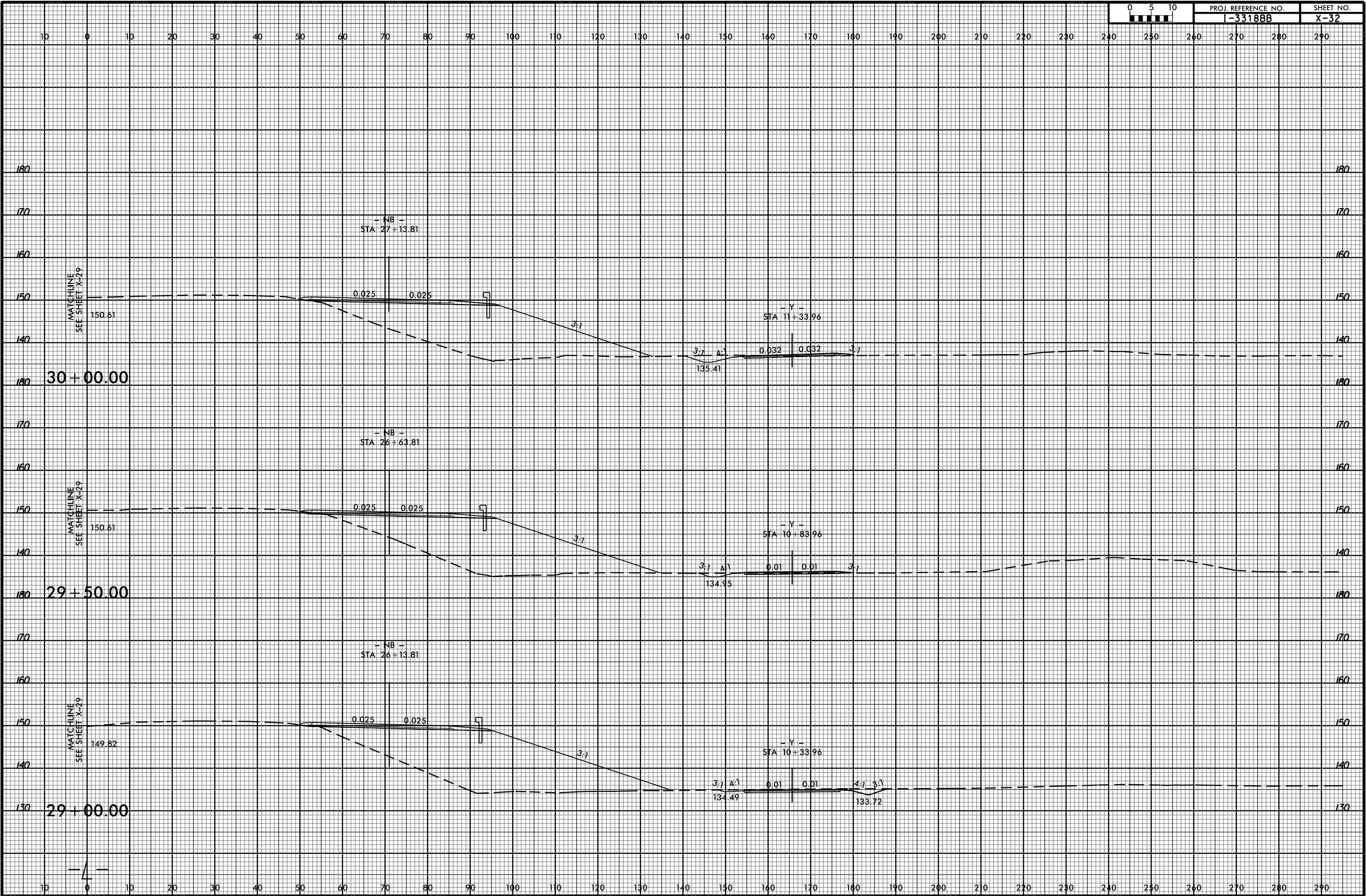
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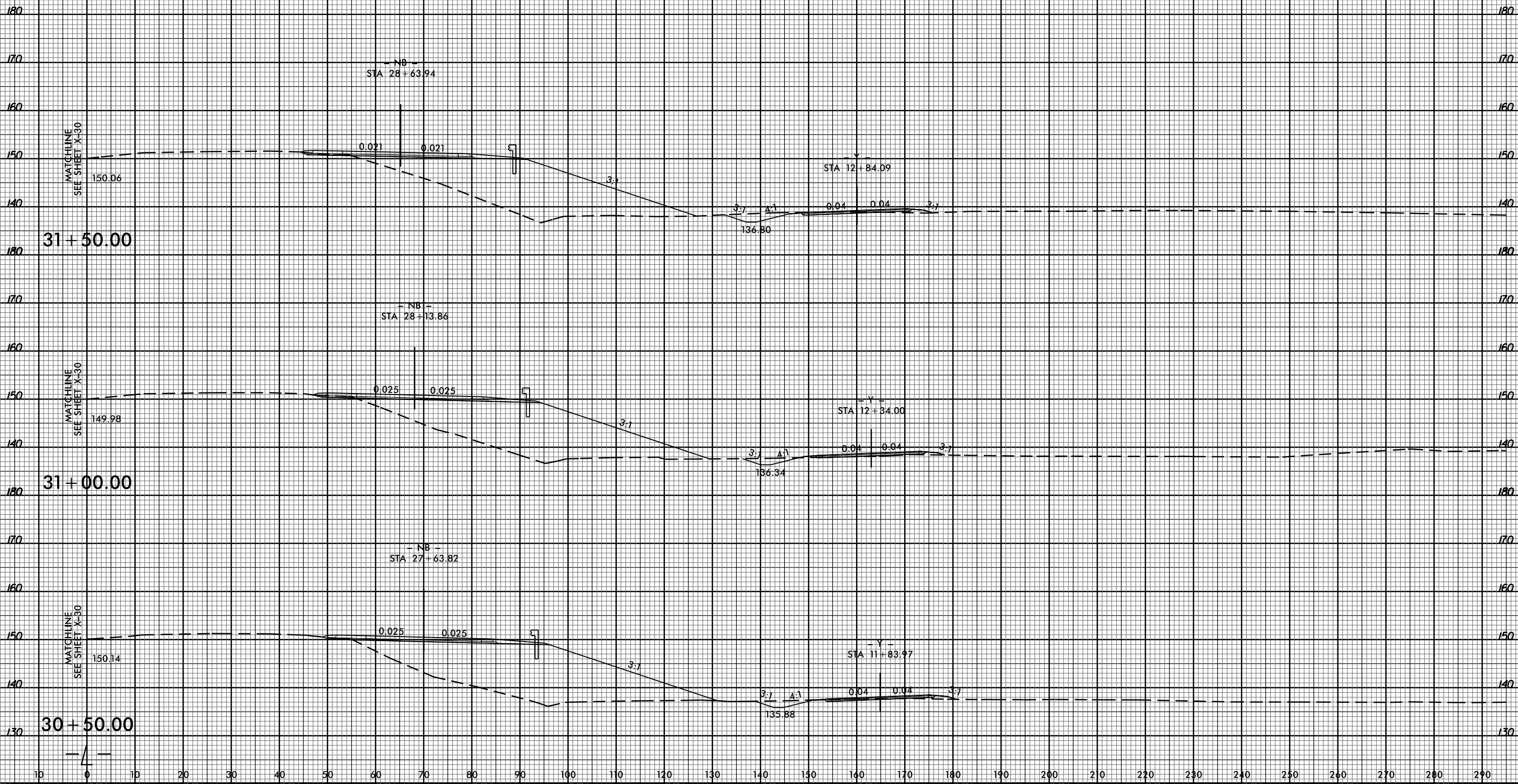




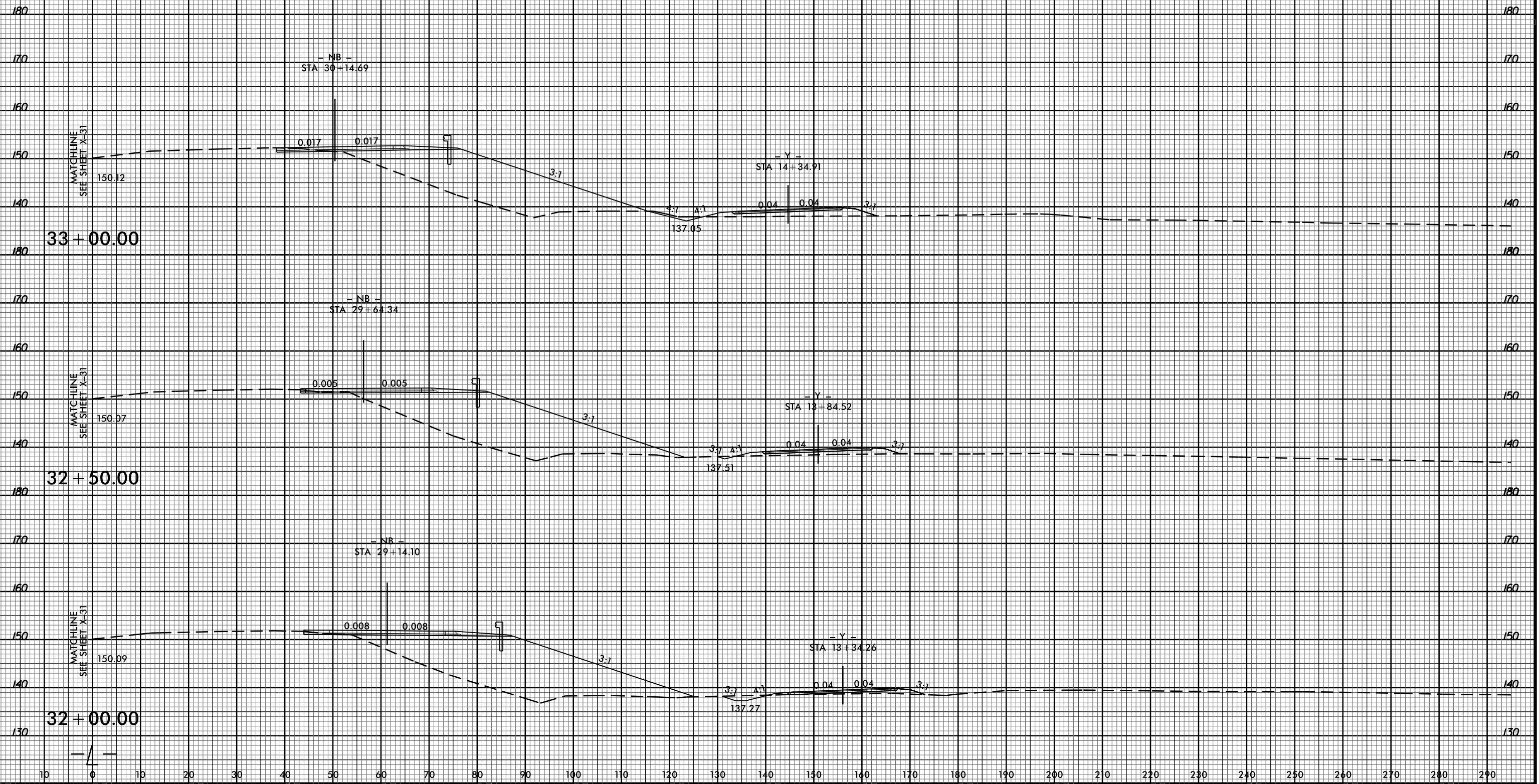




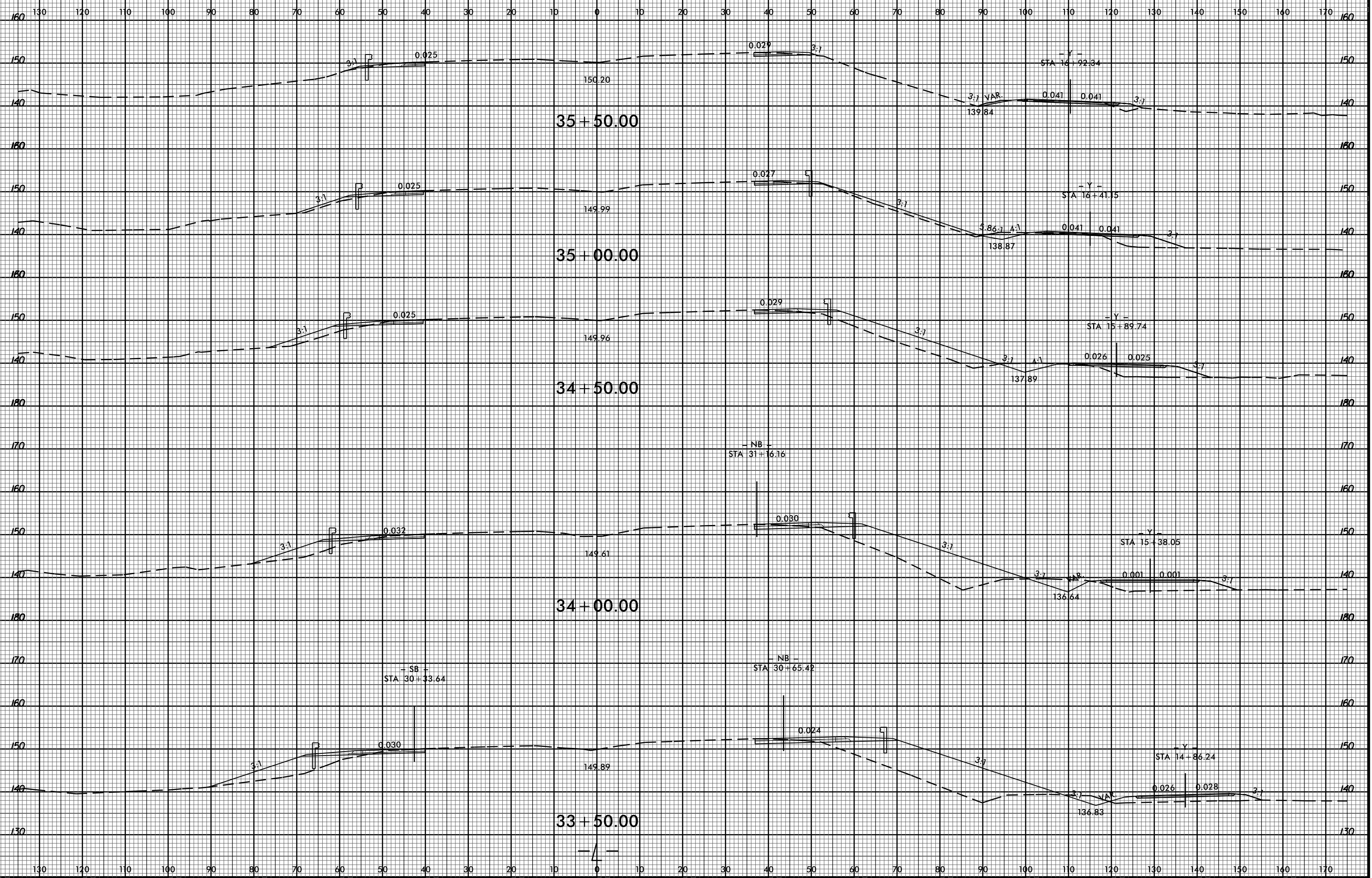
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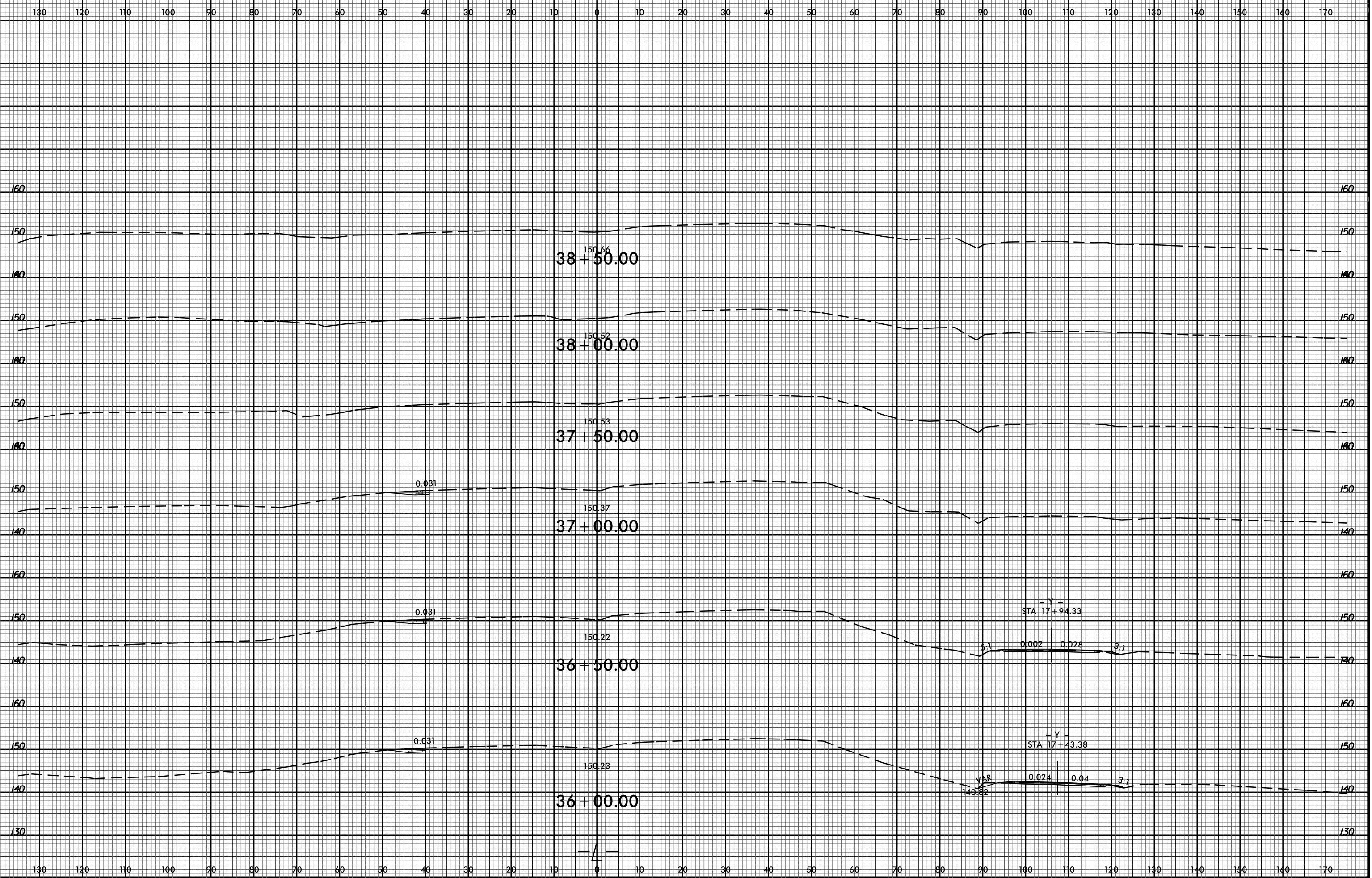
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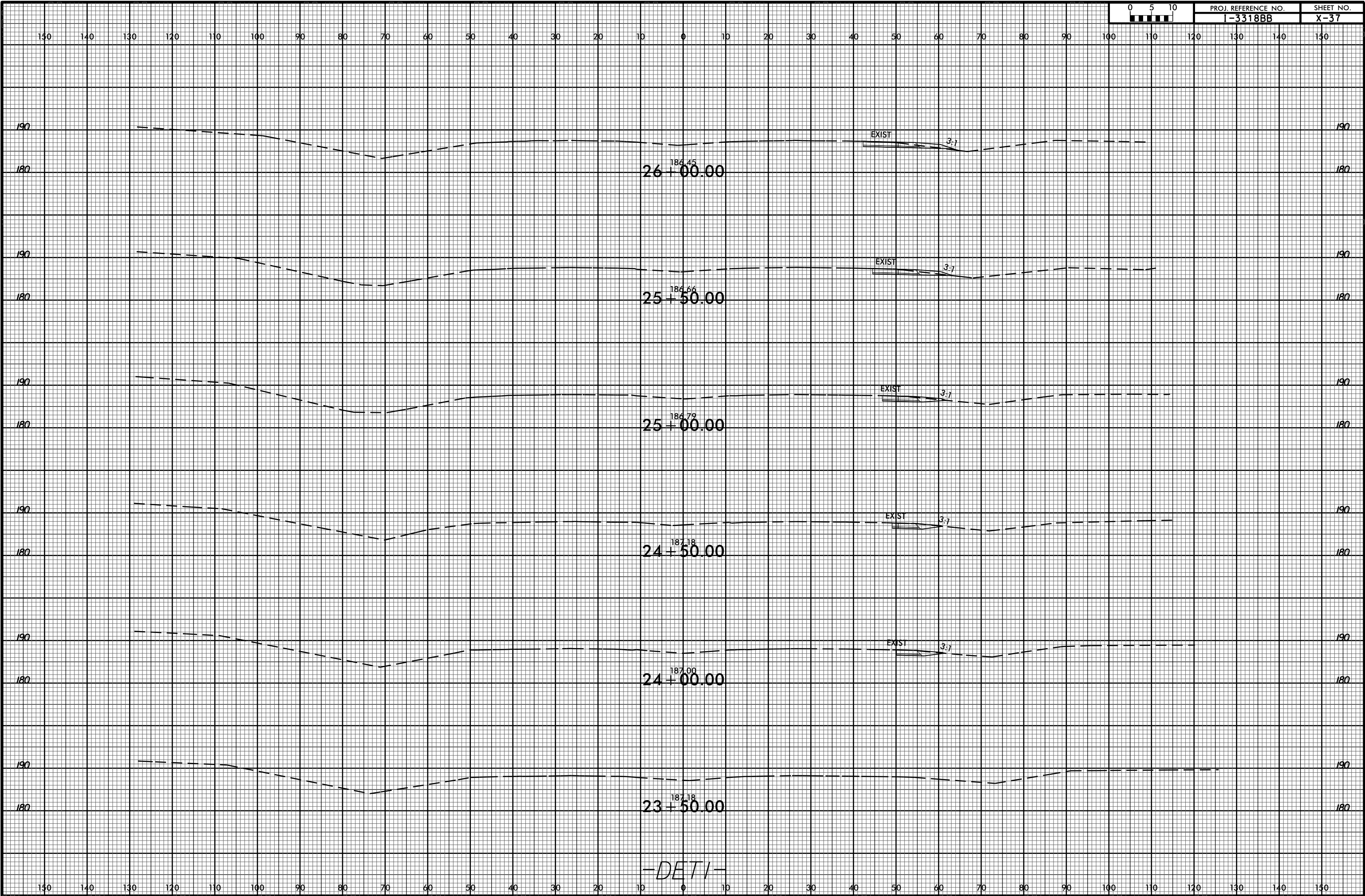


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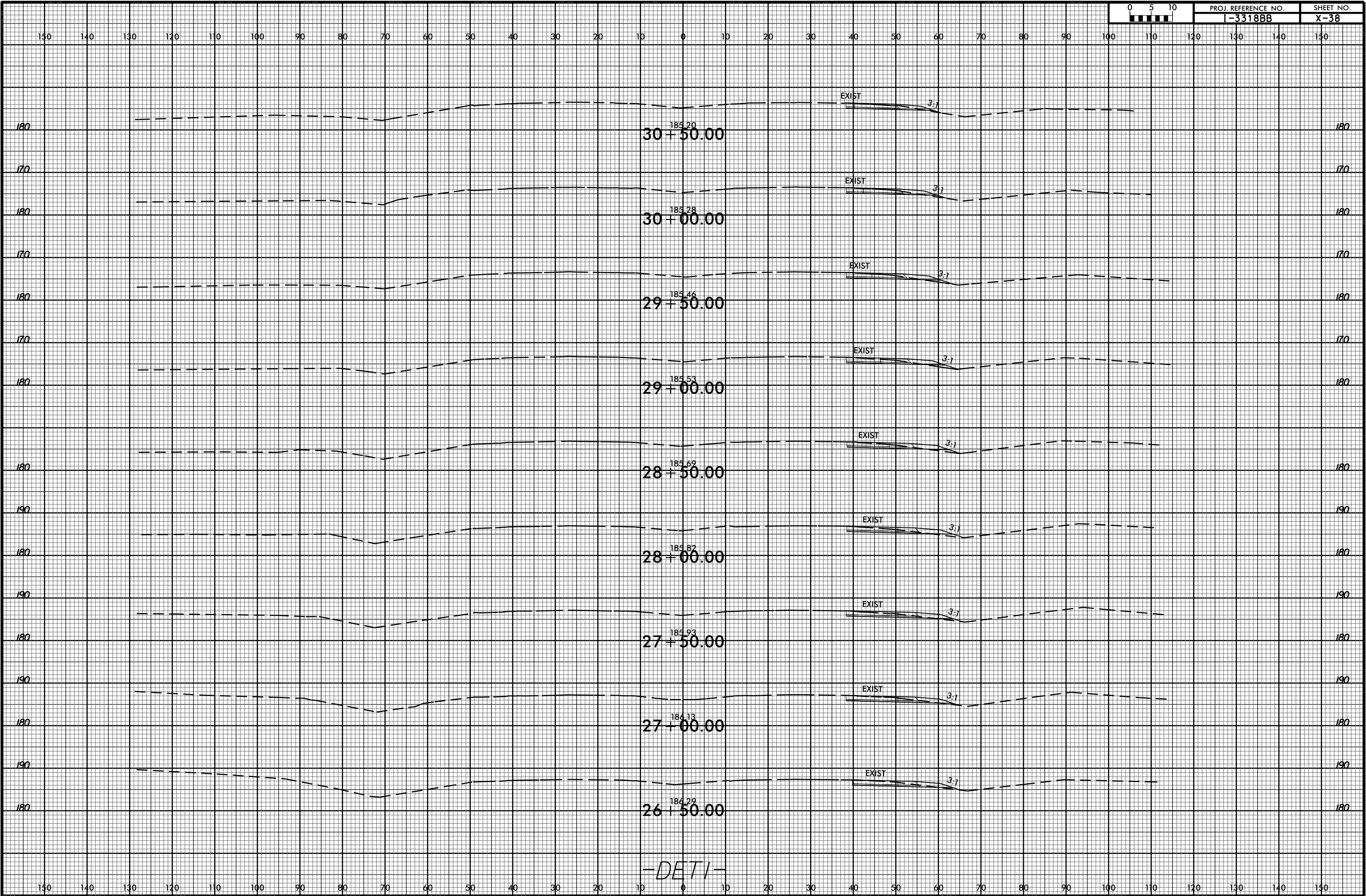


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-DET-



-DET1-





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