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# ***CROSS SECTION INDEX***

	<b><i>X-SECTION EARTHWORK SUMMARY</i></b>	<b><i>X-B</i></b>
<b><i>-L-</i></b>	<b><i>10 + 00.00 TO 30 + 00.00</i></b>	<b><i>X-1 - X-8</i></b>
<b><i>-Y1-</i></b>	<b><i>10 + 50.00 TO 13 + 75.00</i></b>	<b><i>X-9 - X-12</i></b>
<b><i>-Y2-</i></b>	<b><i>10 + 00.00 TO 16 + 50.00</i></b>	<b><i>X-13 - X-25</i></b>
<b><i>-DR1-</i></b>	<b><i>10 + 00.00 TO 12 + 00.00</i></b>	<b><i>X-26 - X-27</i></b>
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**STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS**

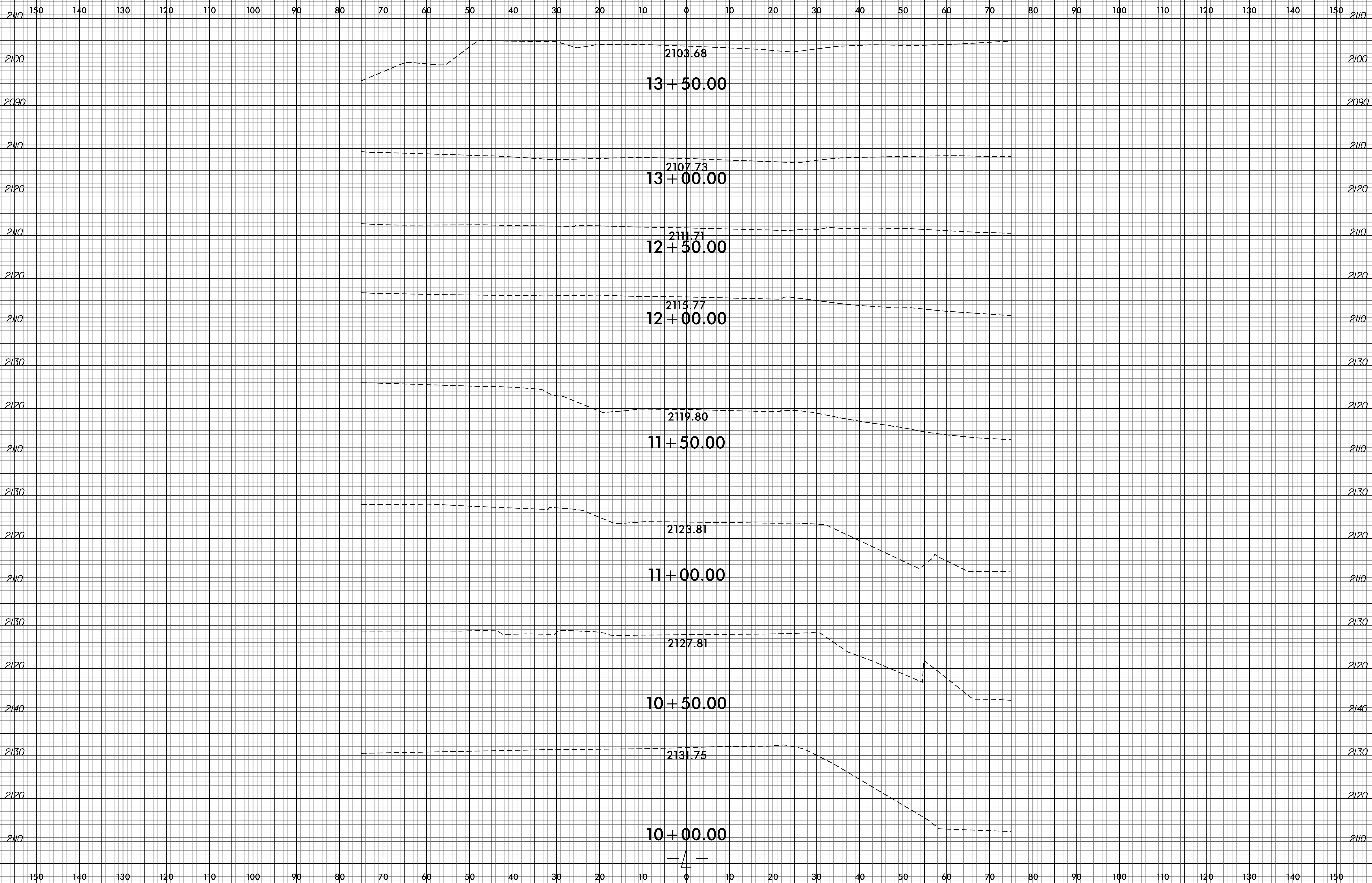
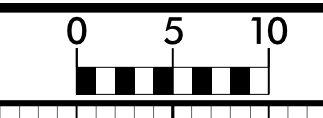
PROJ. REFERENCE NO.	SHEET NO.
B-4159	X-B

**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.**

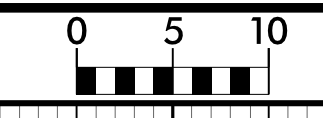
**CROSS-SECTION SUMMARY**

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDES BACKFILL FOR UNDERCUT

Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt
L LT	(cu. yd.)	(cu. yd.)	L RT	(cu. yd.)	(cu. yd.)	Y2	(cu. yd.)	(cu. yd.)
14+25.00	0	0	21+66.00	0	0	13+00.00	18760	0
14+50.00	12	0	22+00.00	0	119	13+50.00	21282	0
15+00.00	37	0	22+50.00	3	130	14+00.00	23164	0
15+50.00	51	1	23+00.00	5	94	14+50.00	21085	0
16+00.00	38	14	23+50.00	4	86	15+00.00	14727	0
16+50.00	0	42	24+00.00	2	51	15+50.00	6708	0
17+00.00	0	77	24+50.00	0	29	16+00.00	1328	0
17+50.00	0	66	25+00.00	2	25	16+77.47	271	0
18+00.00	0	42	25+50.00	21	20			
18+50.00	0	127	26+00.00	63	7	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
18+66.00	0	66	26+50.00	104	0	<b>Dr1</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
			27+00.00	139	0			
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	27+50.00	144	0	10+70.00	0	0
<b>L LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	28+00.00	101	0	10+75.00	2	0
			28+50.00	57	0	11+00.00	24	0
21+66.00	0	0	29+00.00	47	0	11+25.00	36	1
22+00.00	0	61	29+50.00	45	0	11+50.00	51	1
22+50.00	0	81	29+75.00	10	0	11+75.00	109	0
23+00.00	0	64				12+04.90	190	0
23+50.00	0	48	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
24+00.00	0	41	<b>Y1</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>Dr2</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
24+50.00	0	54						
25+00.00	1	67	10+70.00	0	0			
25+50.00	1	47	10+75.00	5	0	10+00.00	0	0
26+00.00	0	24	11+00.00	28	0	10+05.00	1	0
26+50.00	3	16	11+25.00	35	0	10+10.00	1	0
27+00.00	8	8	11+50.00	50	0	10+15.00	0	0
27+50.00	9	7	11+75.00	36	7	10+20.00	0	1
28+00.00	8	9	12+00.00	9	18	10+25.00	0	2
28+50.00	8	7	12+25.00	5	23	10+30.00	0	3
29+00.00	13	1	12+50.00	4	24	10+35.00	0	3
29+50.00	9	0	12+75.00	3	30	10+40.00	0	4
29+75.00	4	0	13+00.00	0	44	10+45.00	0	6
			13+25.00	0	55	10+50.00	0	8
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	13+80.51	7	132	10+55.00	0	11
<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>				10+60.00	0	12
14+50.00	0	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	10+65.00	0	10
14+50.00	7	0	<b>Y2</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	10+66.83	0	3
15+00.00	17	34						
15+50.00	5	37	10+70.00	0	0			
16+00.00	5	8	11+00.00	23	13			
16+50.00	2	28	11+50.00	104	24			
17+00.00	0	85	12+00.00	6441	5			
17+50.00	0	120	12+50.00	15192	2			
18+00.00	0	126						
18+50.00	0	136						
18+66.00	0	43						

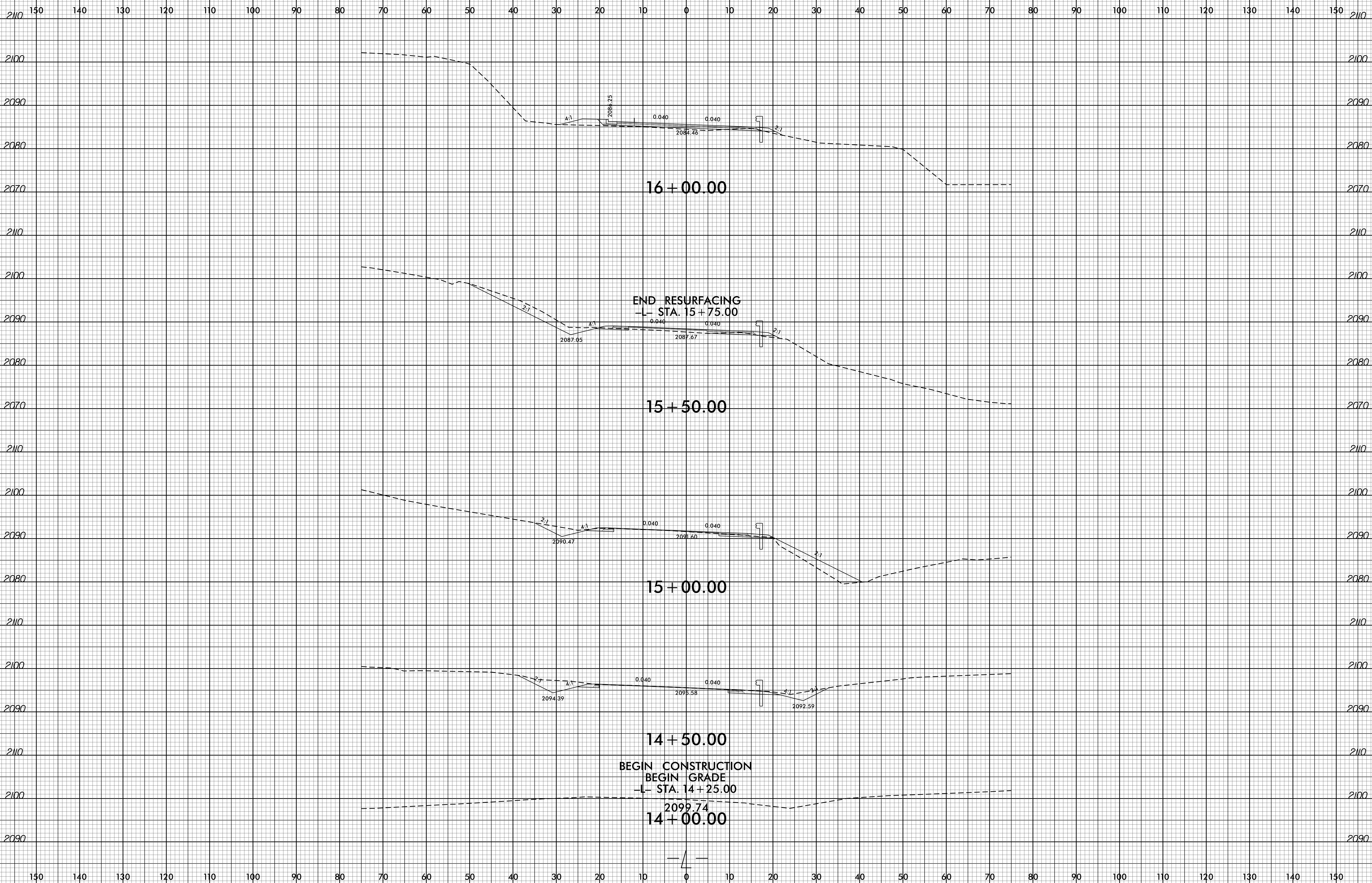


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PROJ. REFERENCE NO.  
X-B-4159

SHEET NO.  
X-2



16 + 00.00

END RESURFACING  
-L- STA. 15 + 75.00

15 + 50.00

15 + 00.00

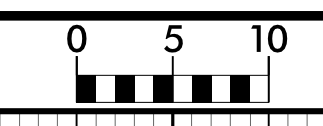
14 + 50.00

BEGIN CONSTRUCTION  
BEGIN GRADE  
-L- STA. 14 + 25.00

14 + 00.00

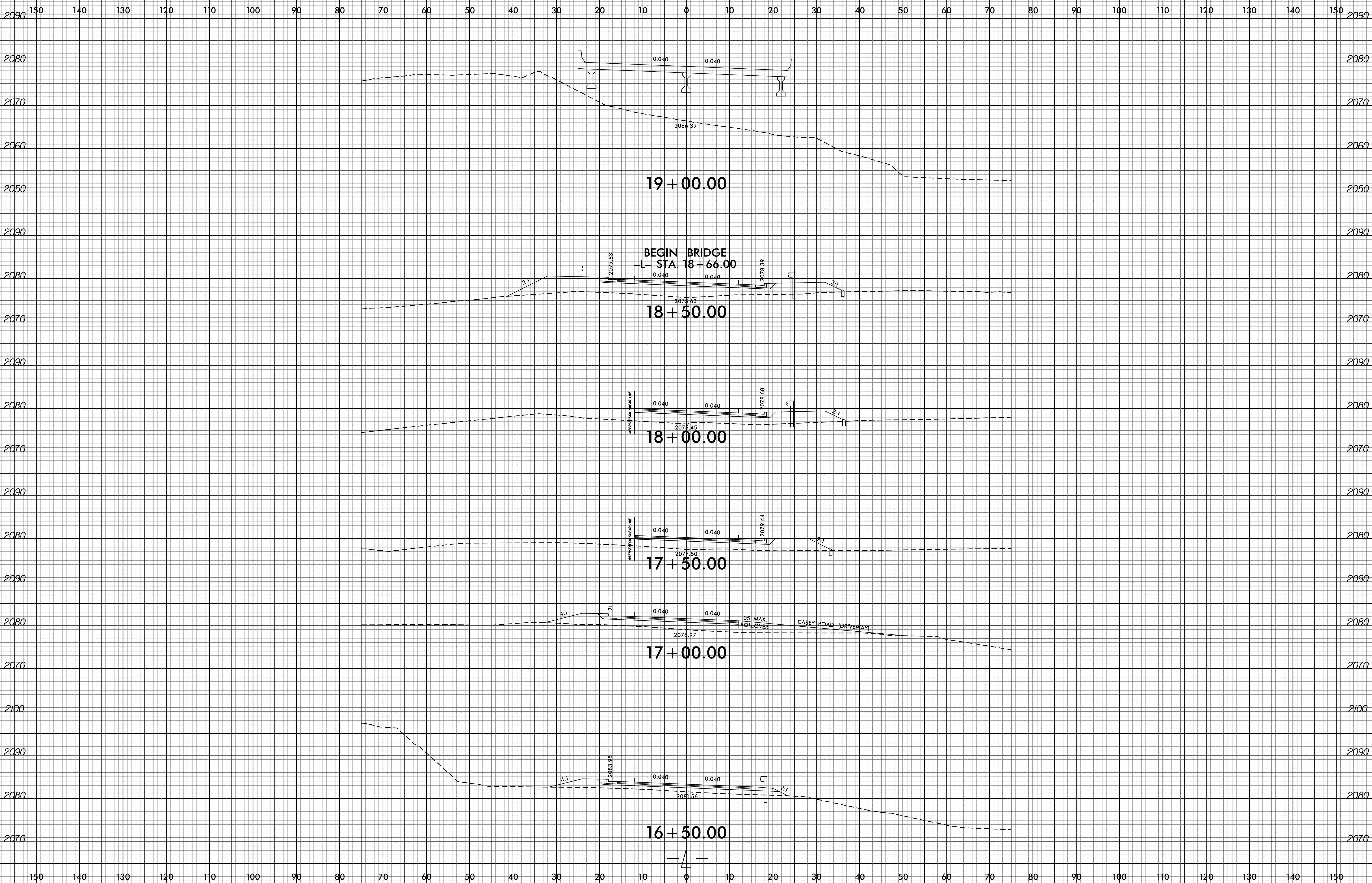
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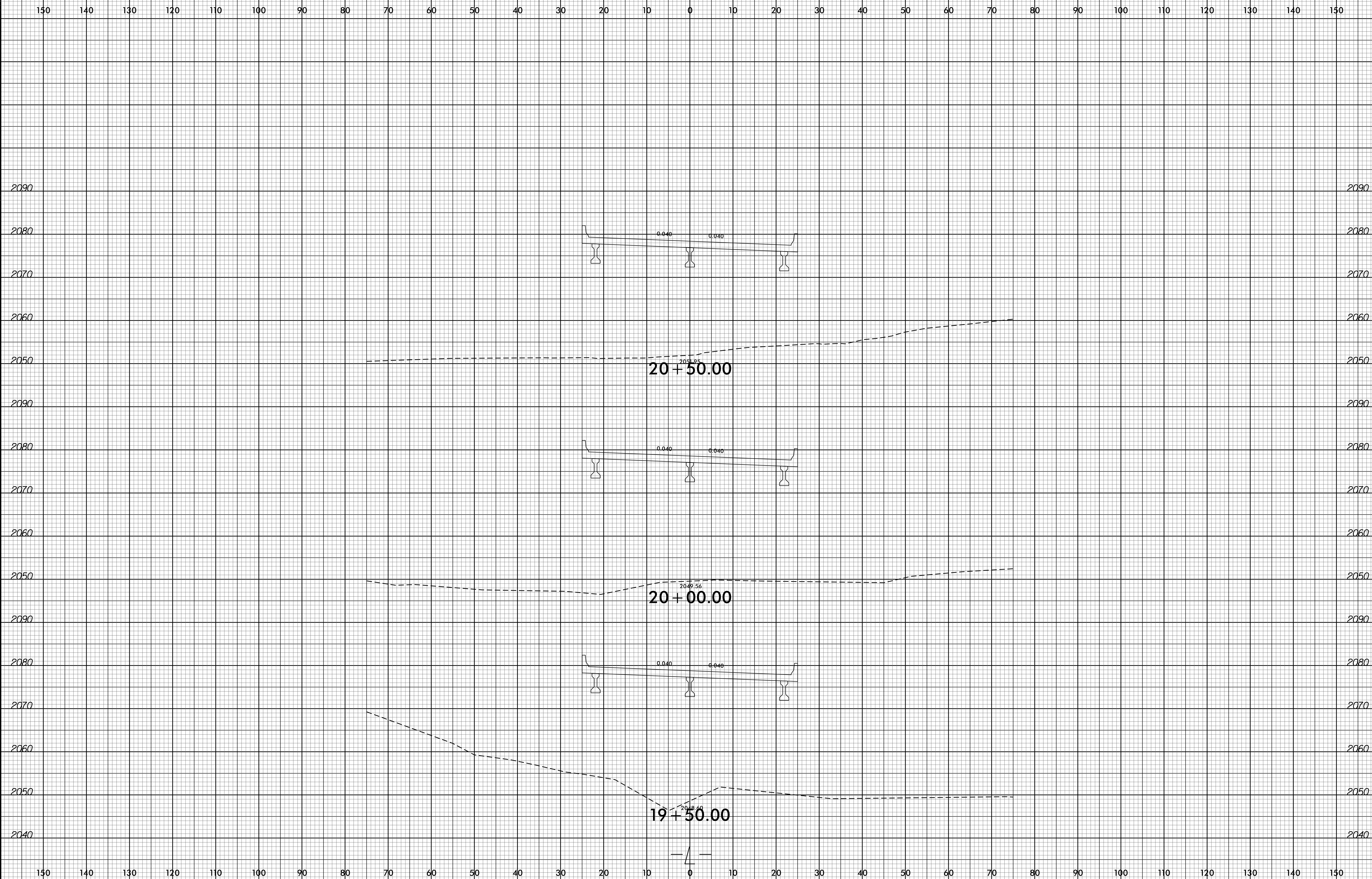
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X-B-4159

SHEET NO.  
X-3

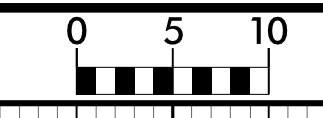


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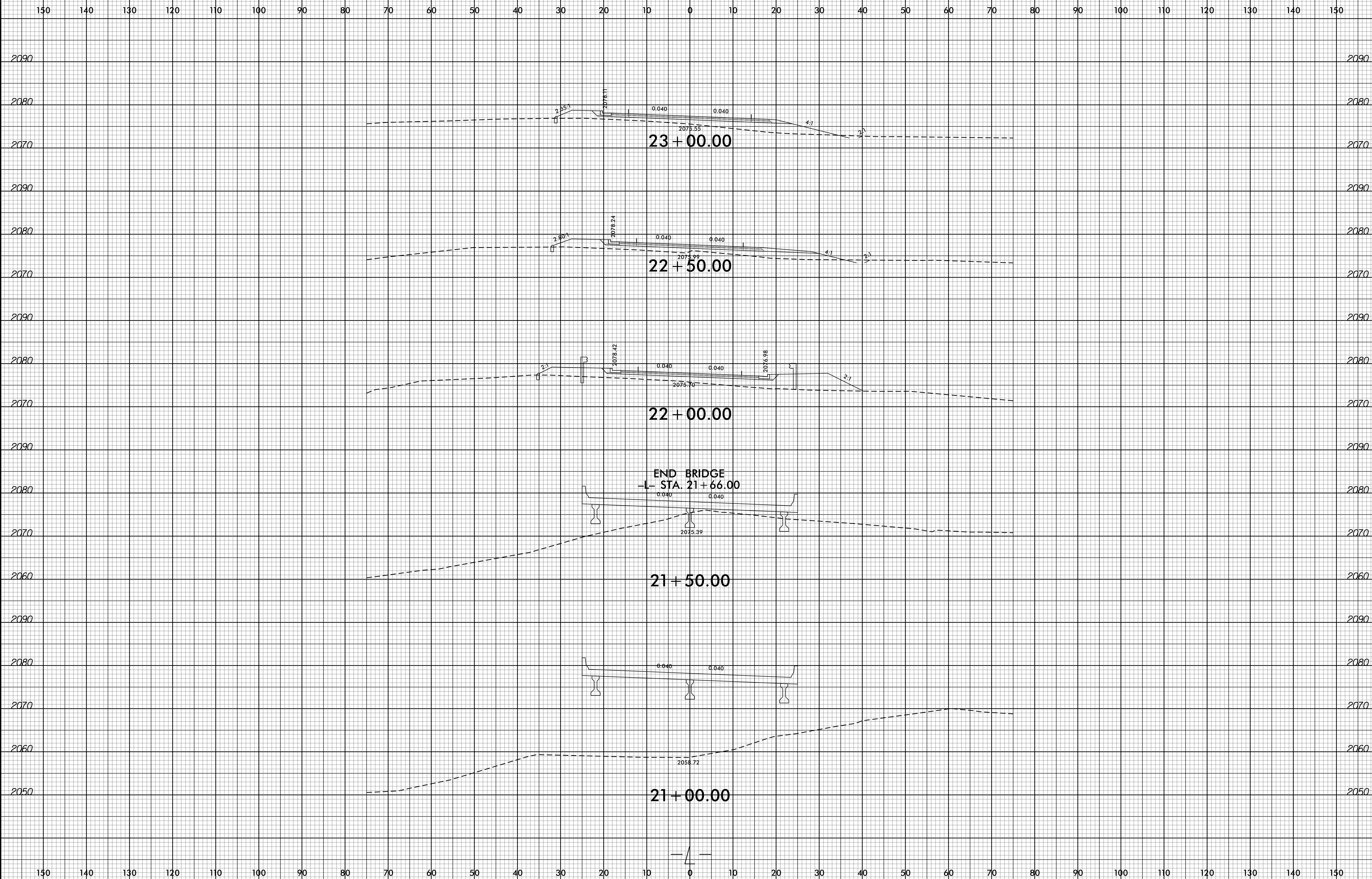


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X-B-4159

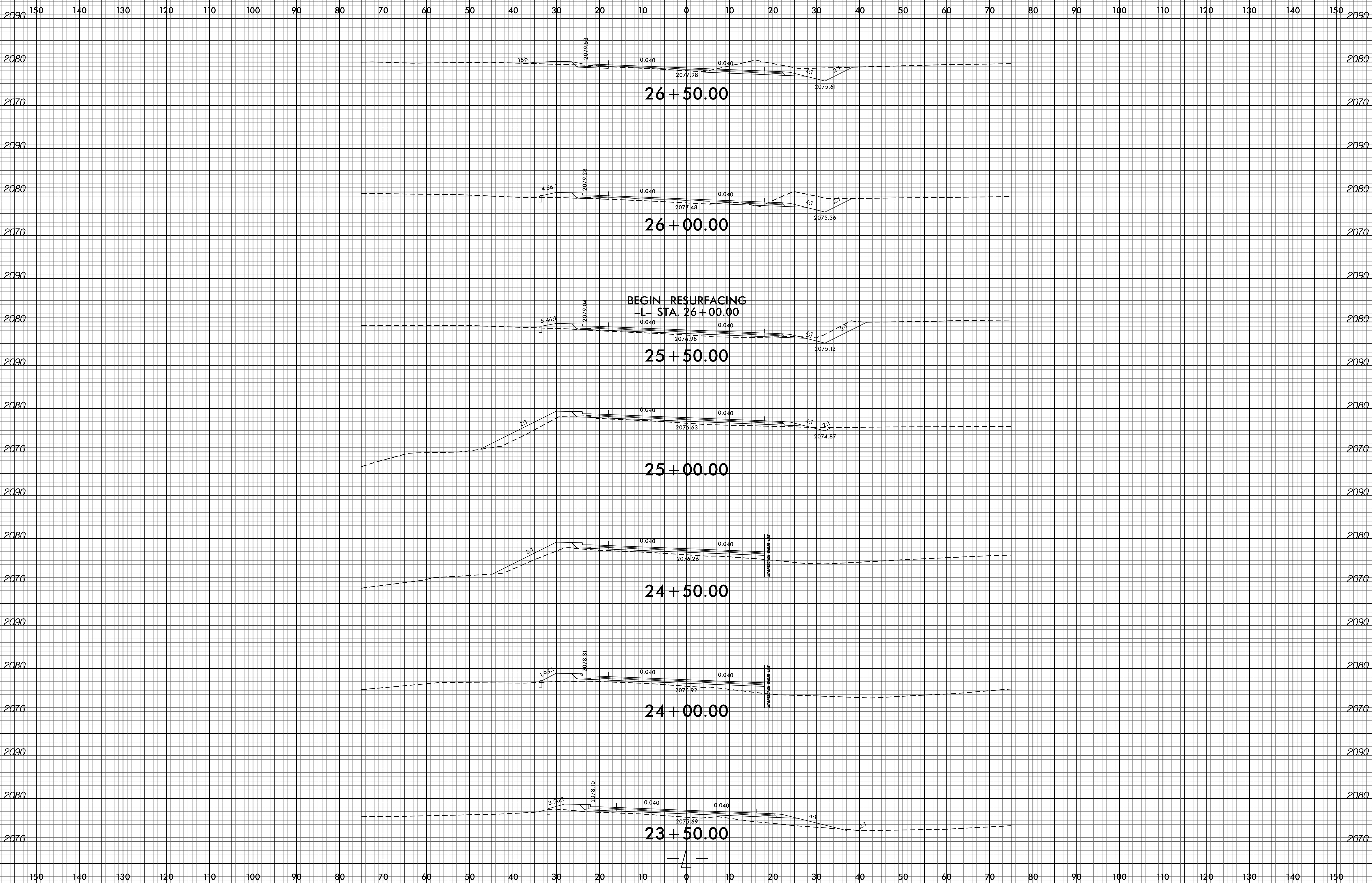
SHEET NO.  
X-5



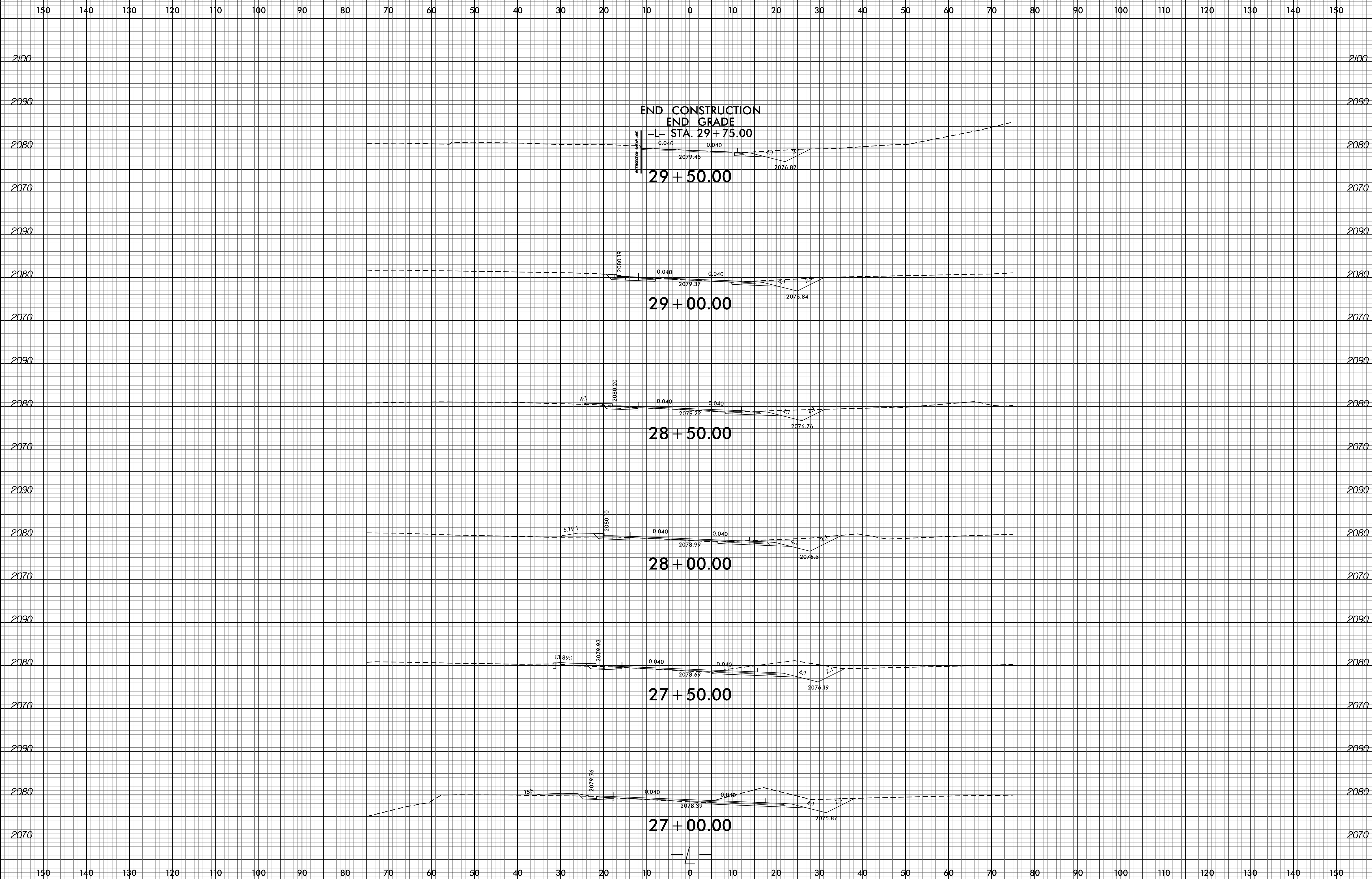
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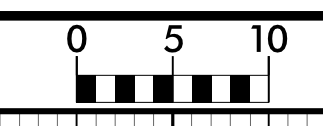


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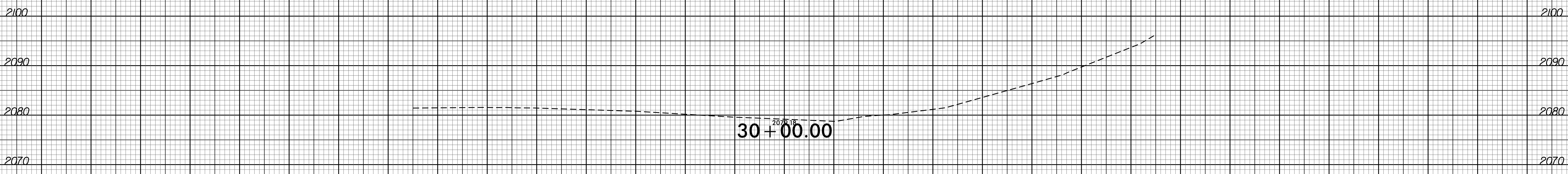


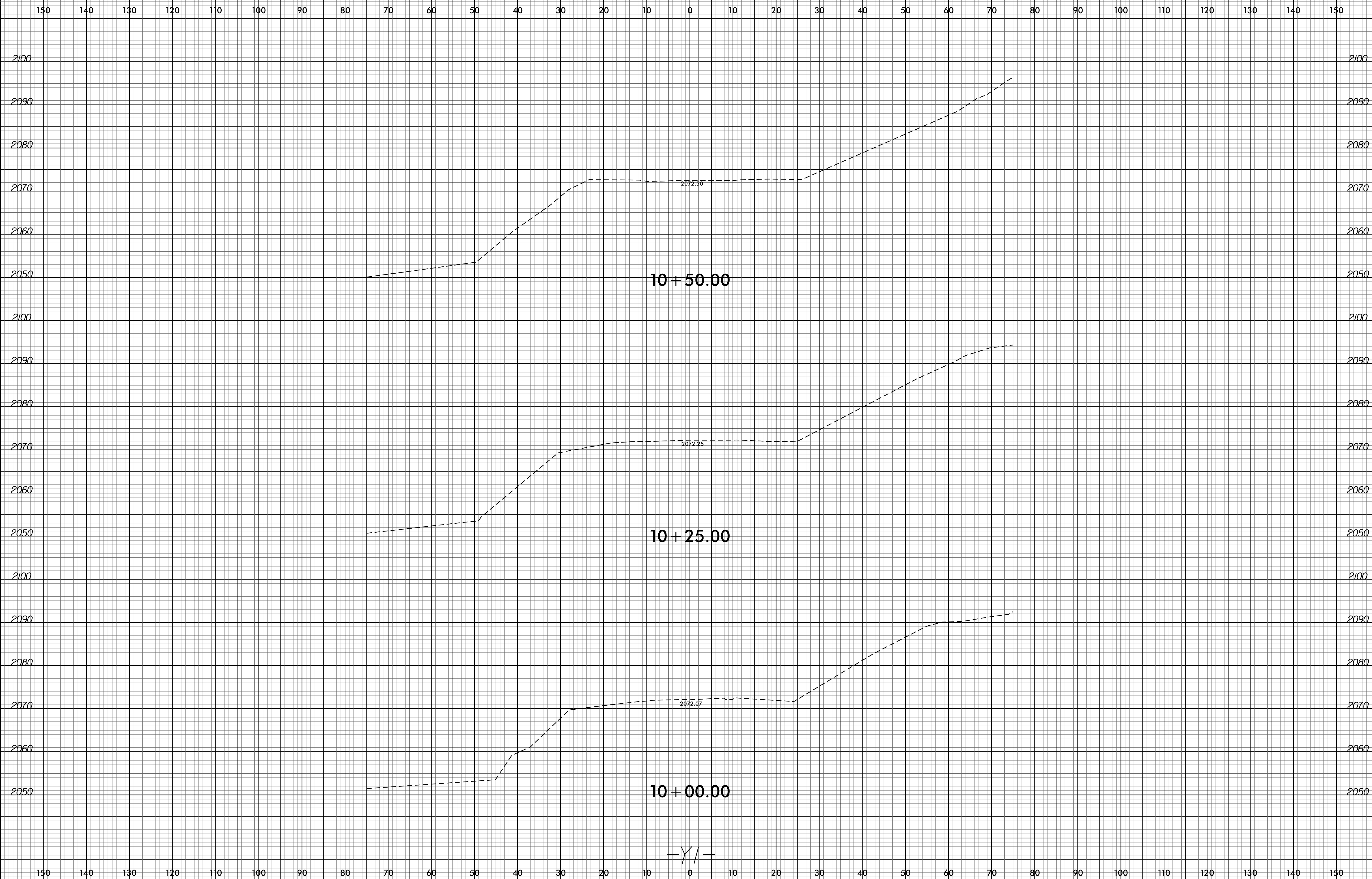


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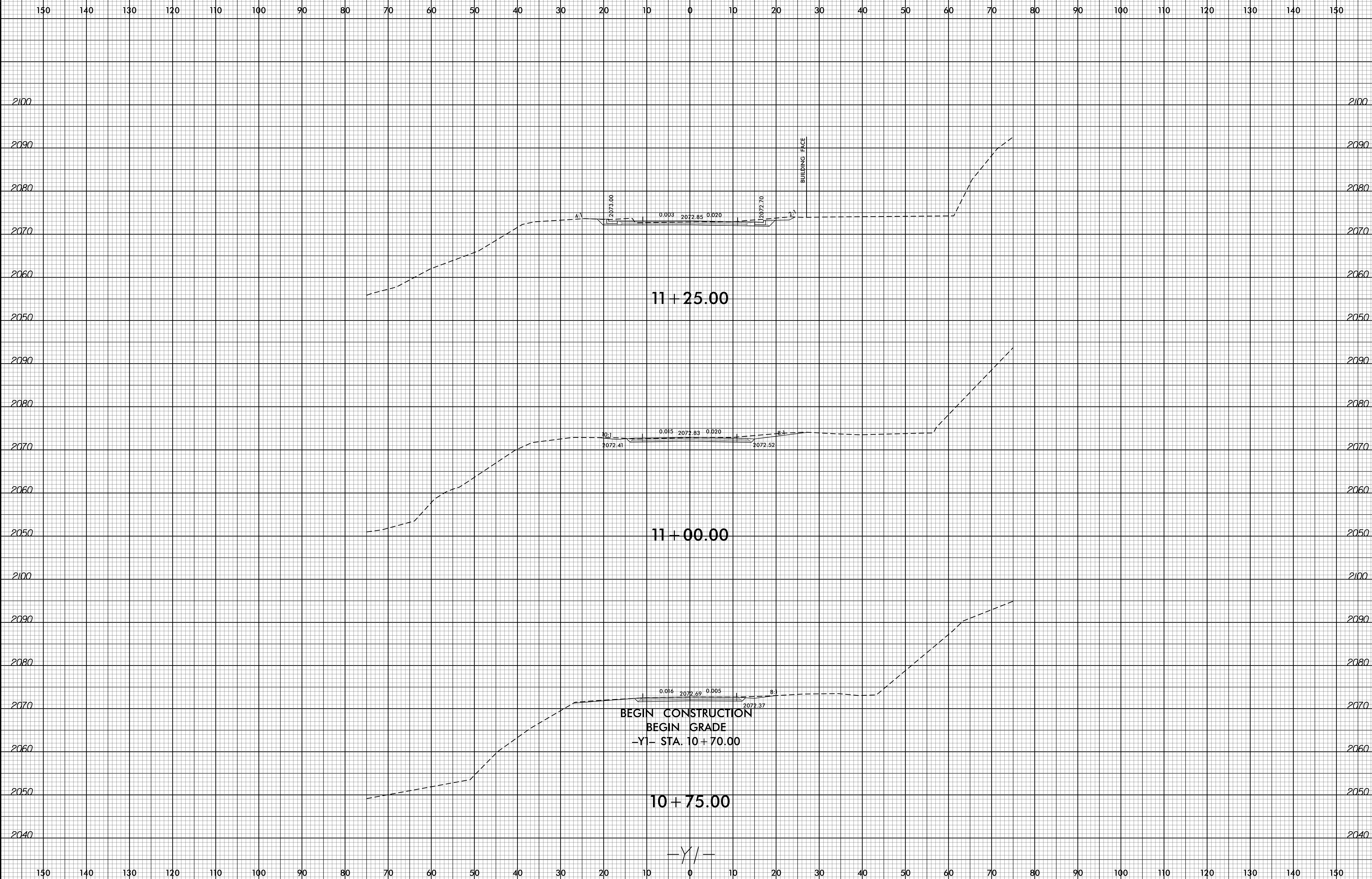
SHEET NO.  
X-8

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









BEGIN CONSTRUCTION  
BEGIN GRADE  
-Y1- STA. 10 + 70.00

10 + 75.00

11 + 25.00

11 + 00.00

BUILDING FACE





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

2100 2100

2090 2090

2080 2080

2070 2070

2100 2100

2090 2090

2080 2080

2070 2070

2100 2100

2090 2090

2080 2080

2070 2070

2100 2100

2090 2090

2080 2080

2070 2070

2060 2060

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

12+25.00

12+00.00

11+75.00

11+50.00

-Y/-

4:1

4:1

4:1

4:1

2073.98

2073.81

2073.89

2073.50

0.007 2072.93 0.007

0.005 2072.64 0.005

0.018 0.018

0.010 2072.88 0.020

2074.29

2073.61

2073.17

2072.92

VAR

VAR

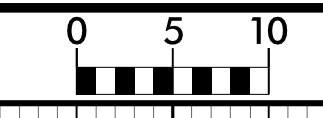
VAR

VAR

BUILDING FACE

BUILDING FACE

BUILDING FACE



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

2090 2090

END CONSTRUCTION  
END GRADE  
-Y1- STA. 13+80.51  
2078.50  
13+75.00

2080 2080

2090 2090

2080 2080

2078.89  
13+50.00

2090 2090

2080 2080

2078.28 0.030 2077.01 0.030 2077.33  
4:1 VAR  
13+25.00

2090 2090

2080 2080

2076.82 0.030 2075.07 0.030 2077.84  
4:1 VAR  
13+00.00

2070 2070

2090 2090

2080 2080

2075.47 0.030 2074.41 0.030 2075.49  
4:1 2:1  
12+75.00

2110 2110

2100 2100

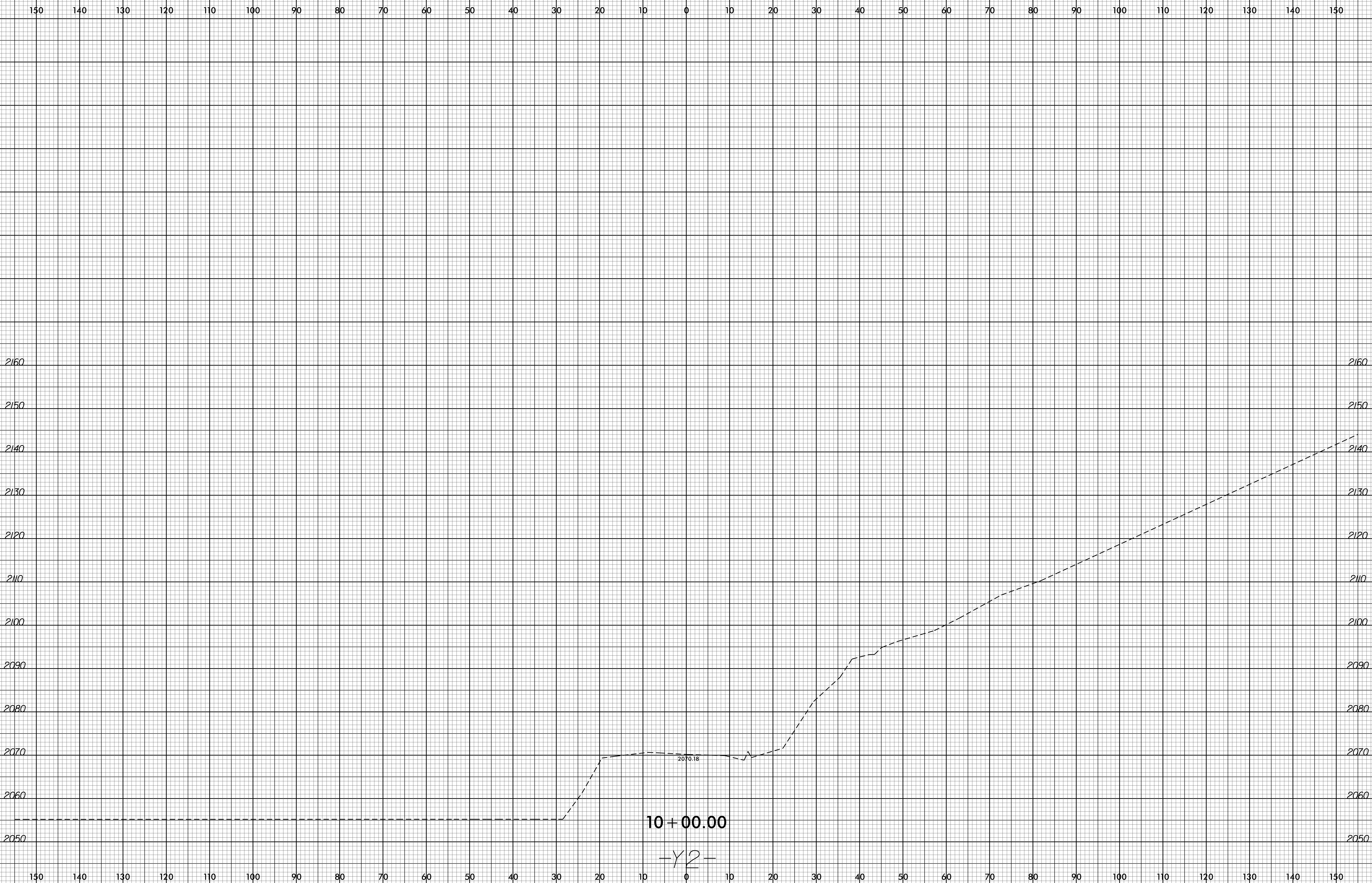
2090 2090

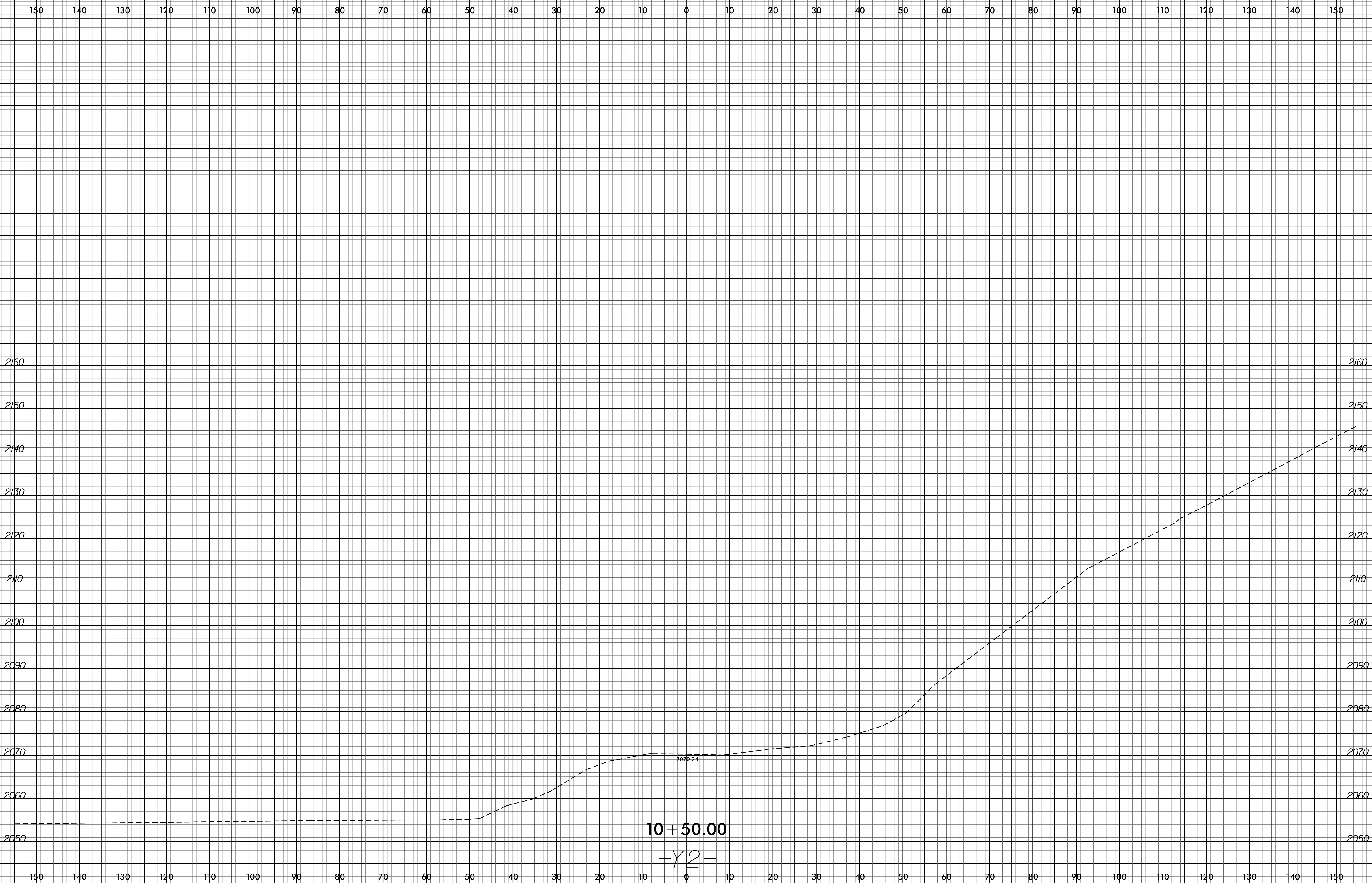
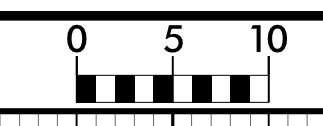
2080 2080

2074.36 0.020 2073.71 0.020 2075.32  
4:1 VAR  
12+50.00

2070 2070

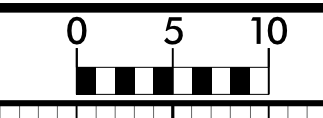
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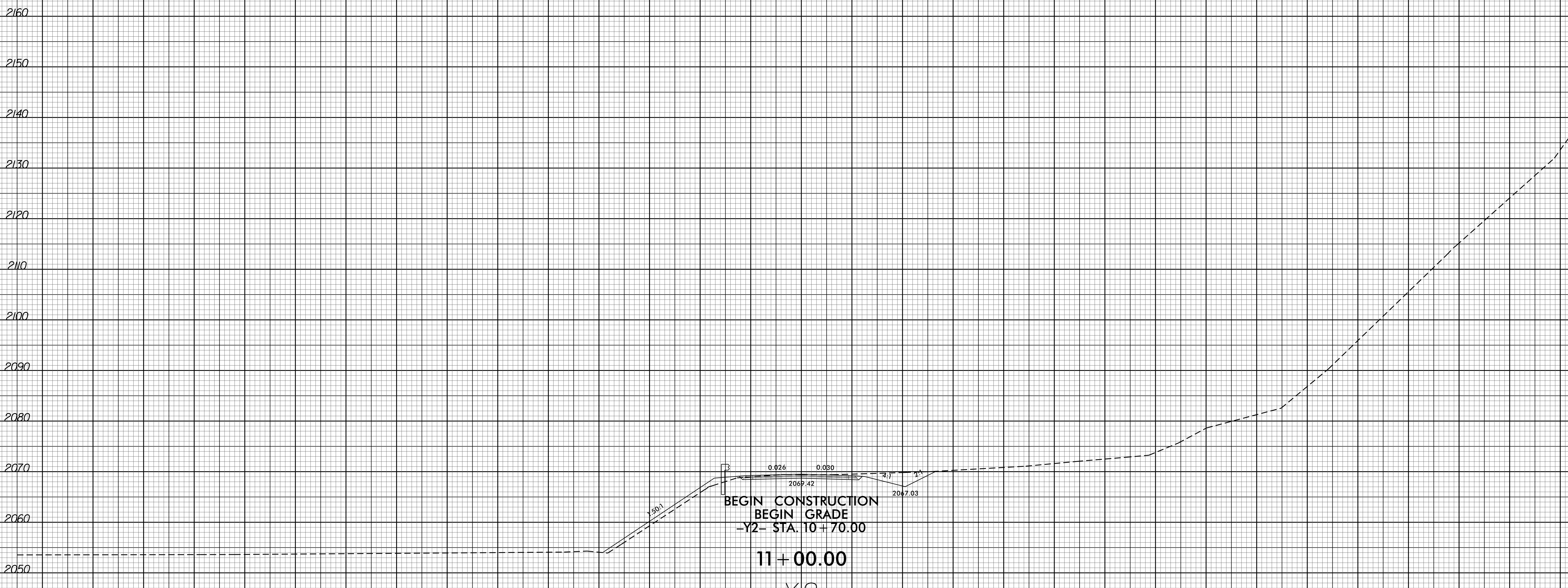
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PROJ. REFERENCE NO.  
B-4159

SHEET NO.  
X-15

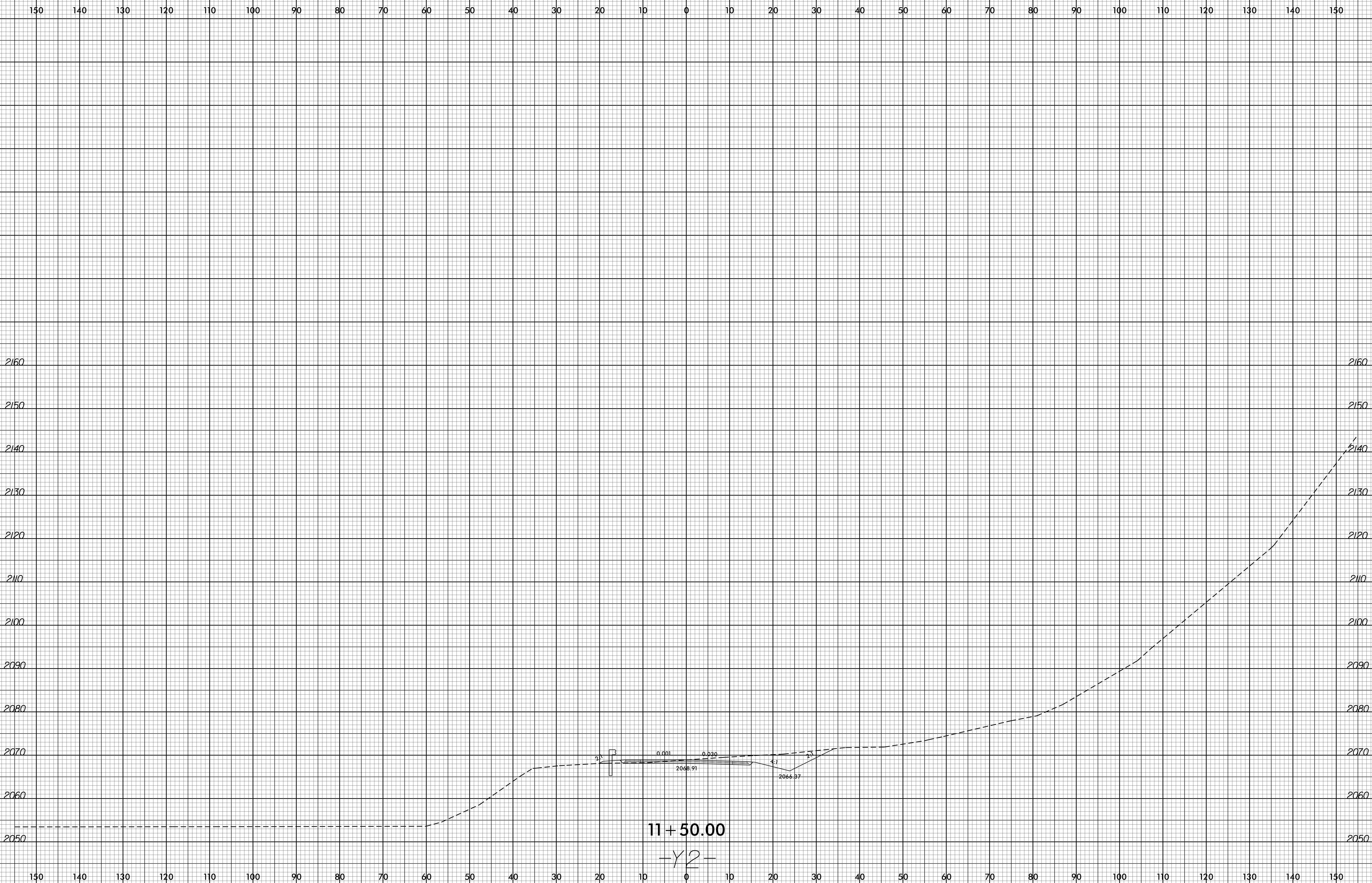
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240 250 260 270 280 290 300 310 320 330 340 350 360 370 380

2150

2140

2130

2120

2110

2100

2090

2080

2070

2060

2050

2040

2220

2210

2200

2190

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2130

2120

2110

2100

2090

2080

2070

2060

2050

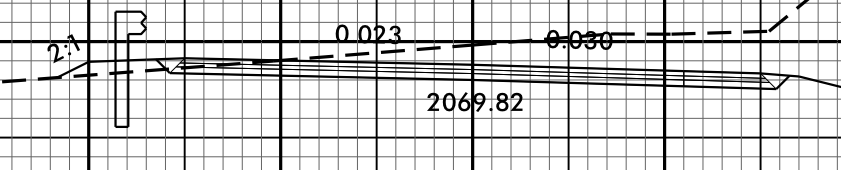
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MATCH LINE "A"

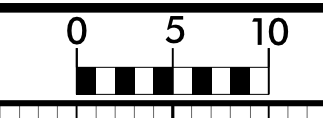
MATCH LINE "A"

12 + 00.00

-Y2-



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240 250 260 270 280 290 300 310 320 330 340 350 360

2150

2140

2130

2120

2110

2100

2090

2080

2070

2060

2050

2040

2220

2210

2200

2190

2180

2170

2160

2150

2140

2130

2120

2110

2100

2090

2080

2070

2060

2050

2040

MATCHLINE "A"

MATCHLINE "A"

PROPOSED GRADE LINE

0.040

2073.48

0.040

4.1

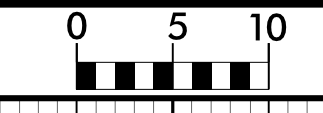
2066.29

12 + 50.00

-Y2-

60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240

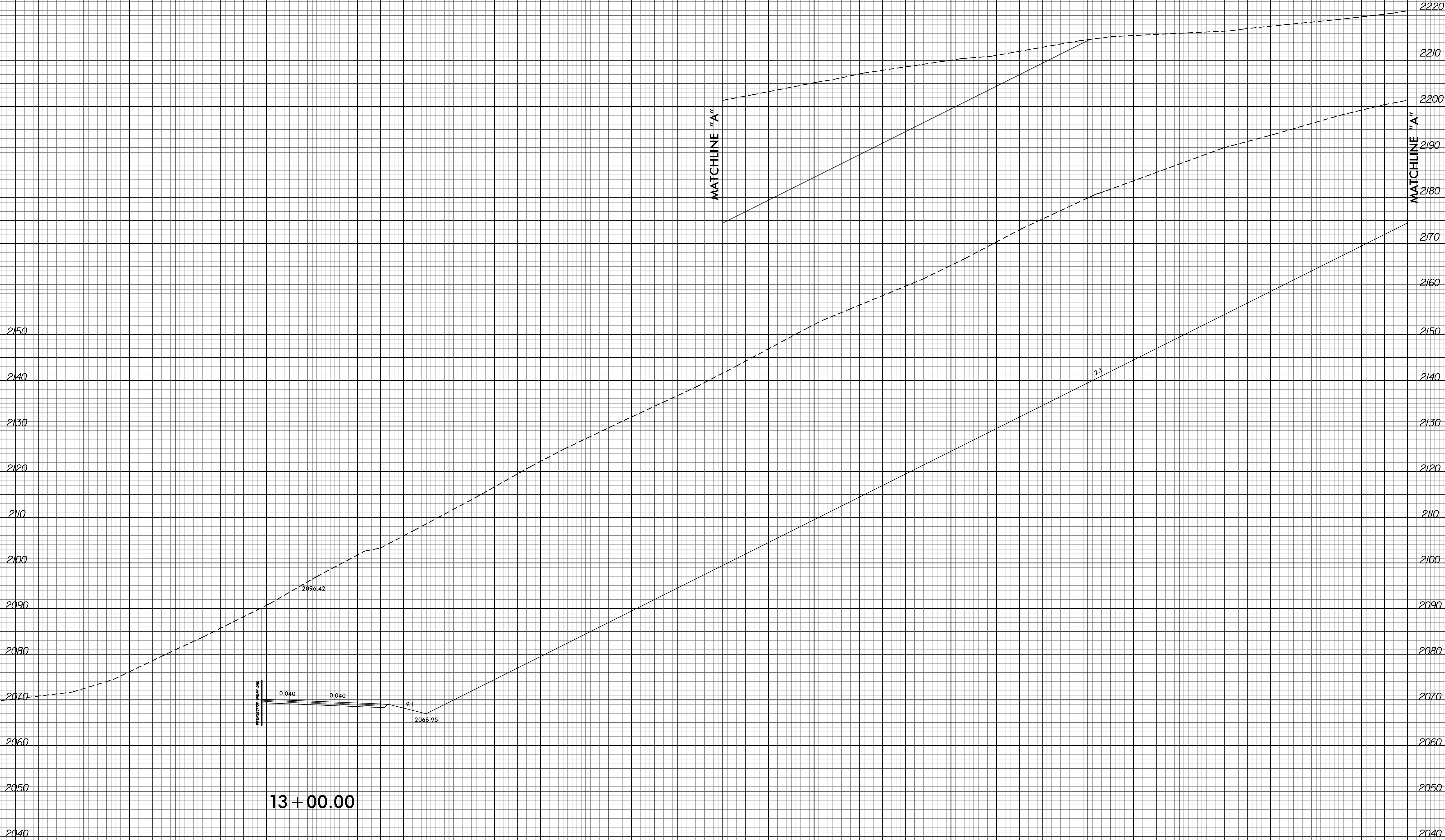
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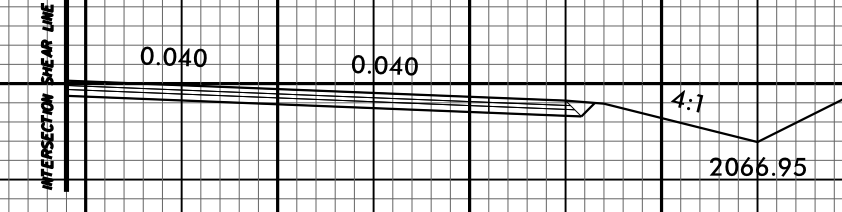
SHEET NO.  
X-19

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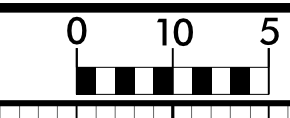
13 + 00.00

-Y2-

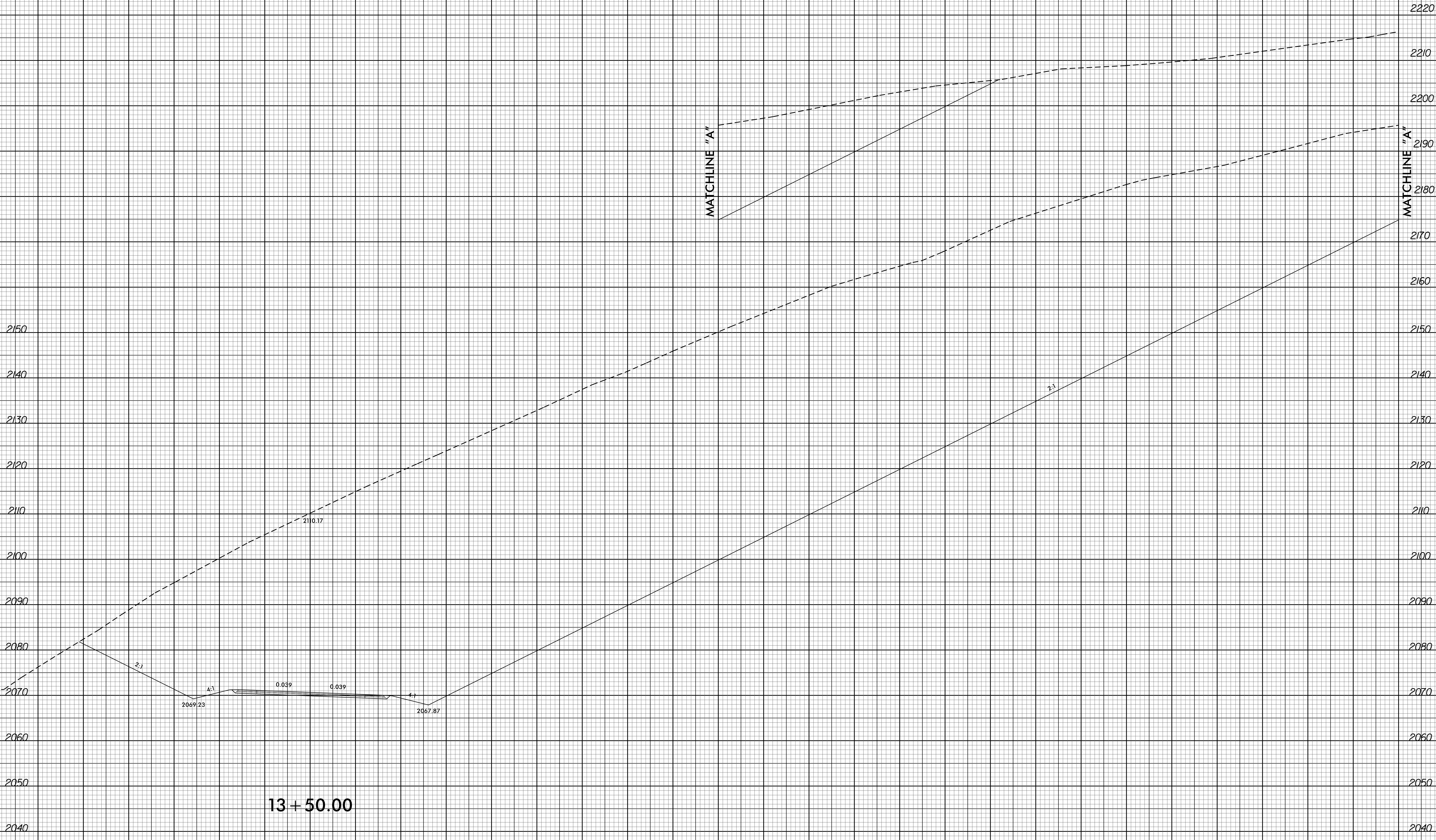


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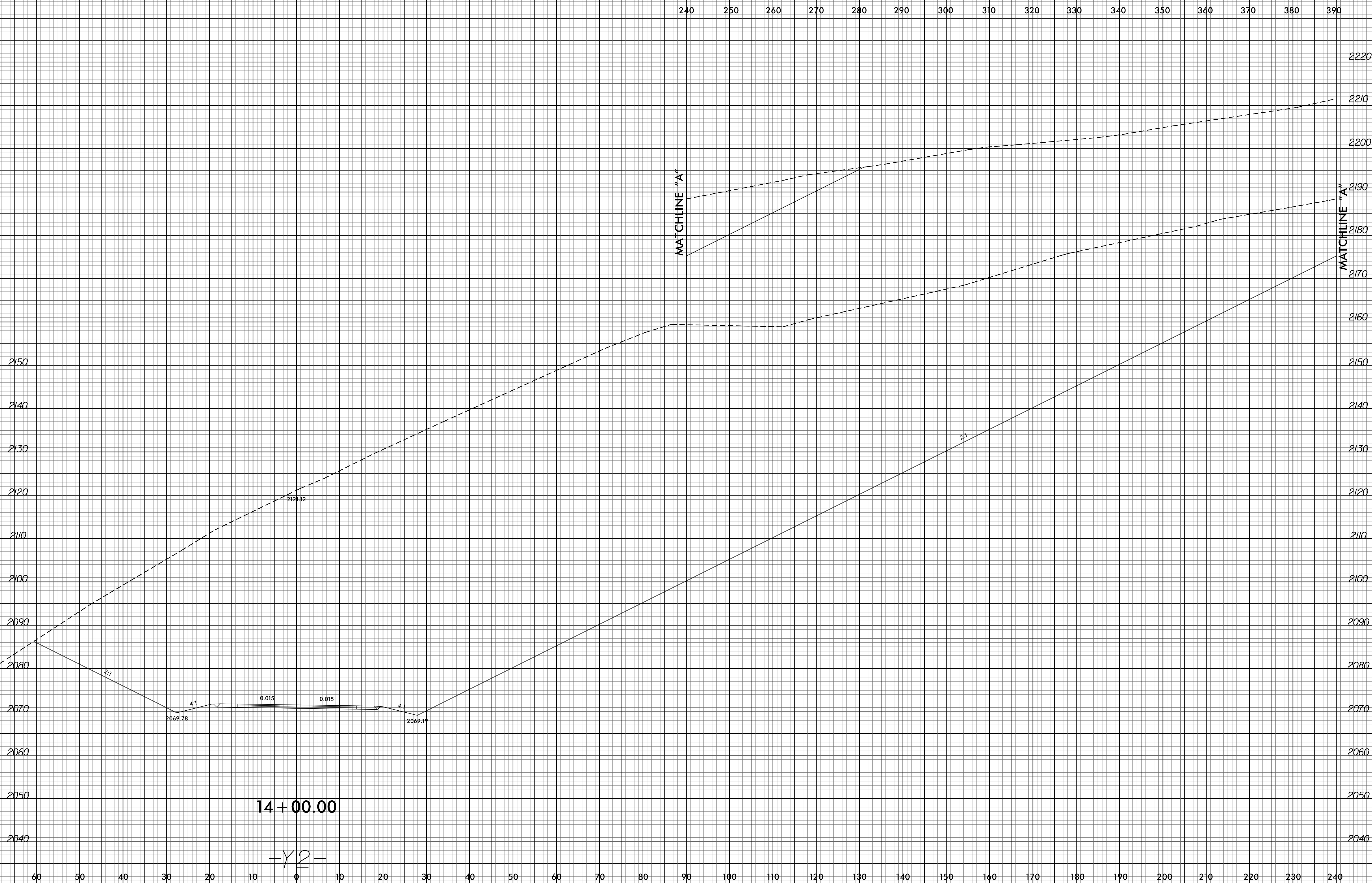


13 + 50.00

-Y2-



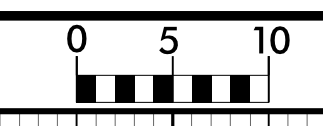
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\$\$\$\$\$USERNAME\$\$\$\$



14 + 00.00

-Y2-

8/23/99



PROJ. REFERENCE NO.  
B-4159

SHEET NO.  
X-22

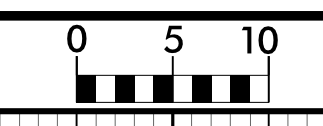


14 + 50.00

-Y2-

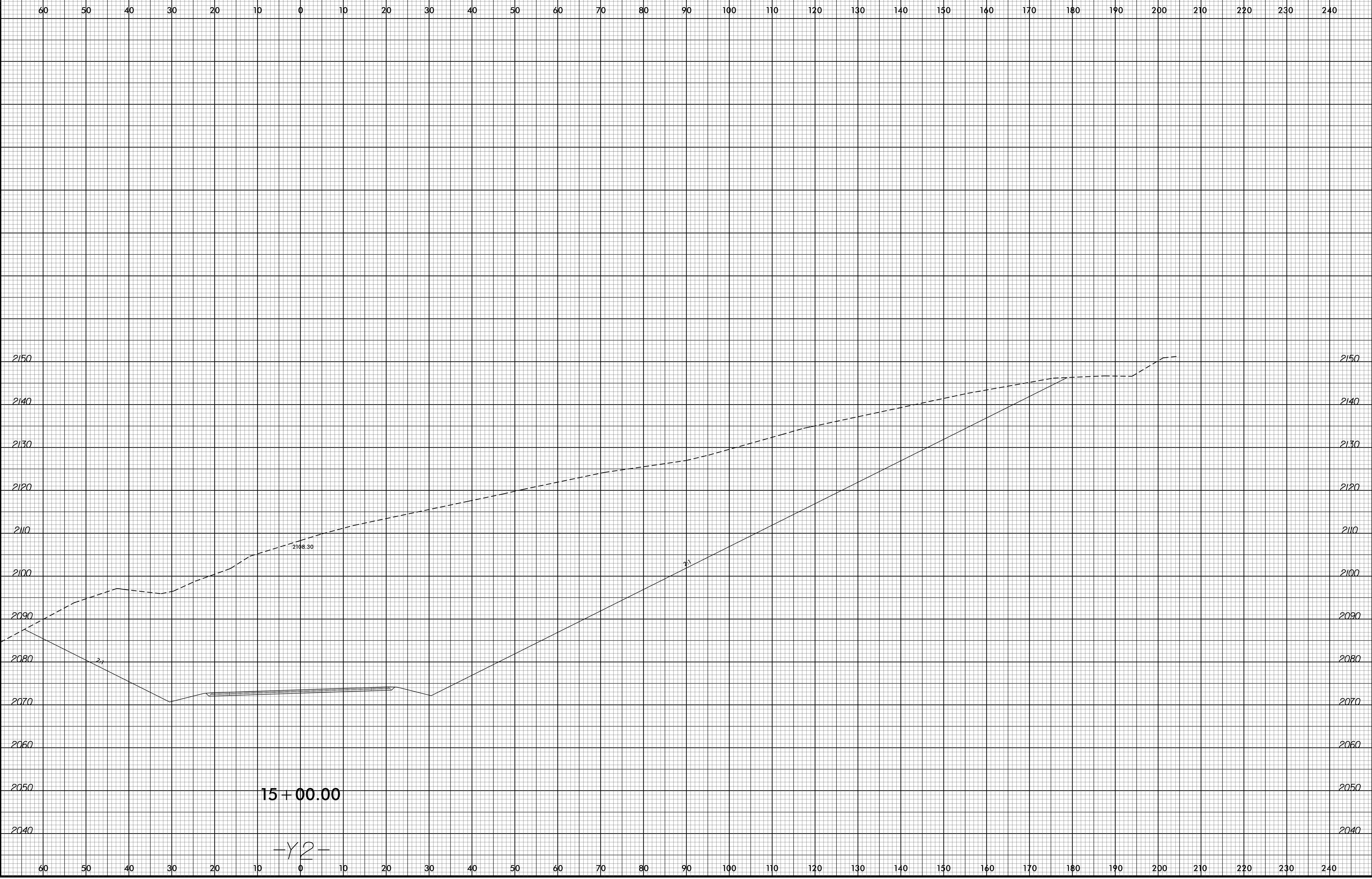
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PROJ. REFERENCE NO.  
B-4159

SHEET NO.  
X-23



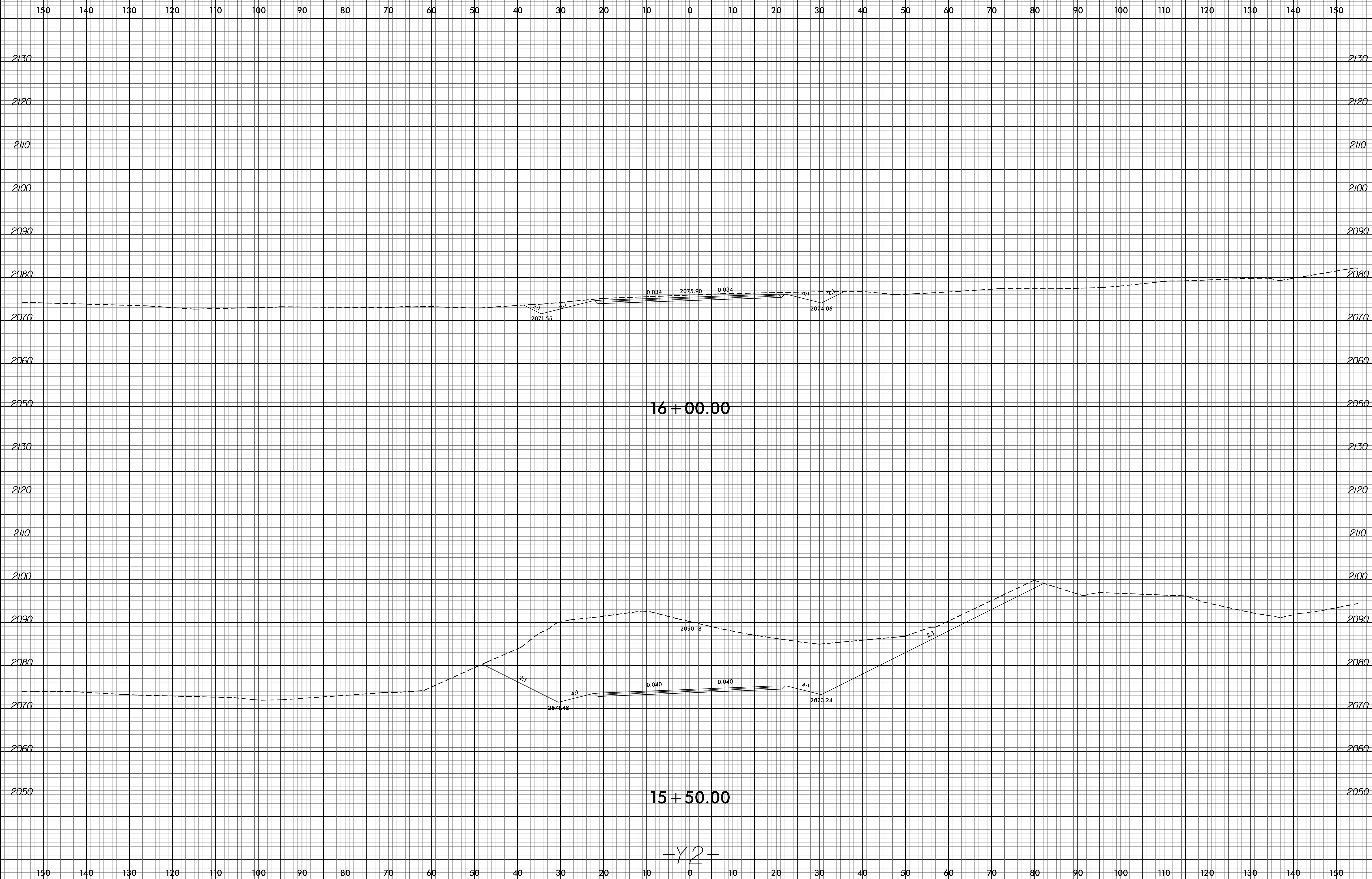
15 + 00.00

-Y2-

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[Scale bar]			B-4159	X-24

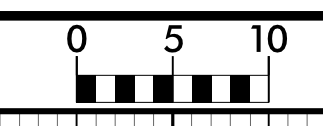


16 + 00.00

15 + 50.00

-Y2-

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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

2090 2090

2080 2080

2070 2070

2060 2060

2050 2050

END GRADE  
-Y2- STA. 16+77.47  
2074.34

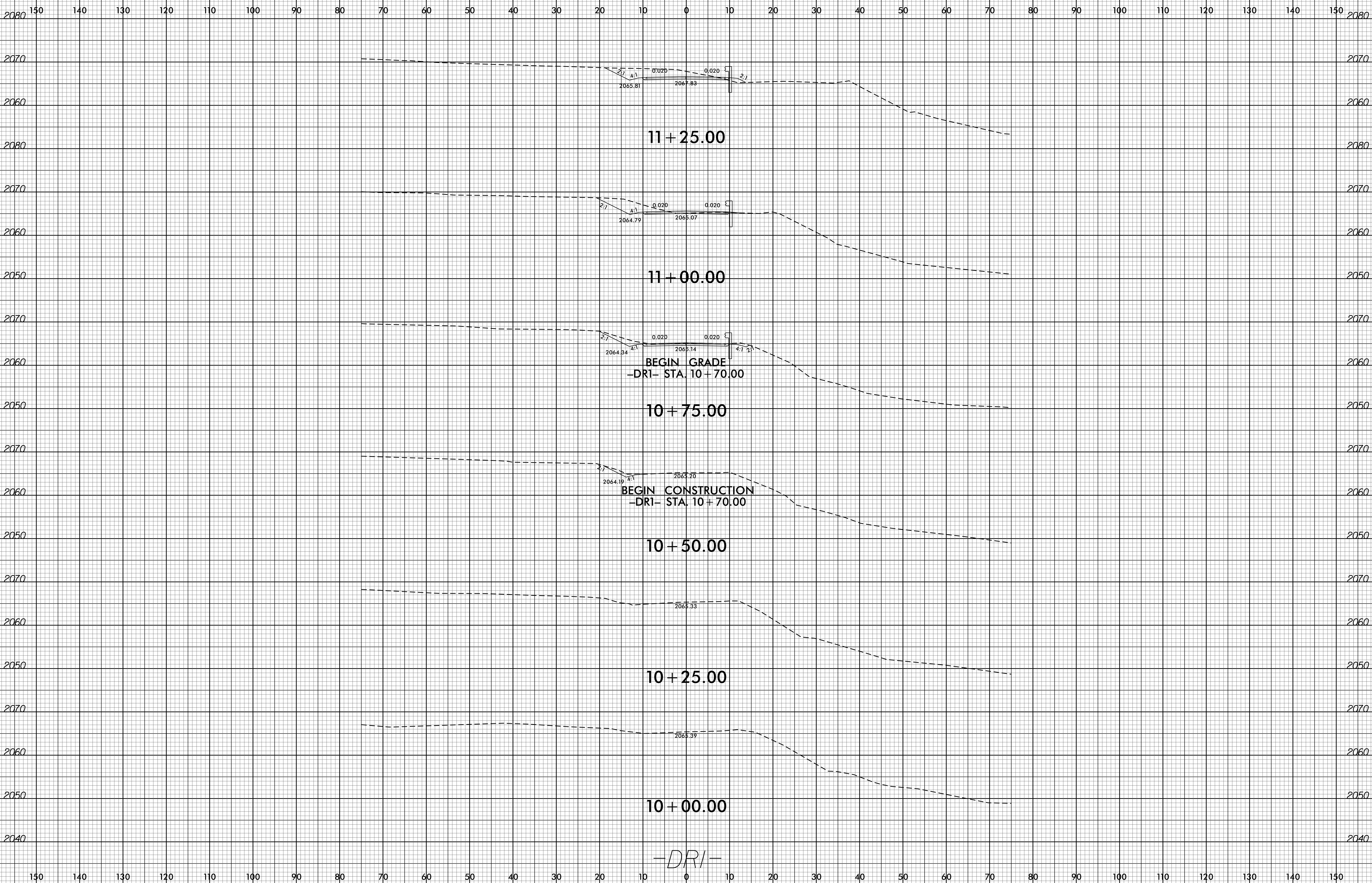
16+50.00

-Y2-

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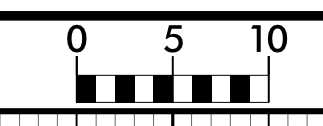


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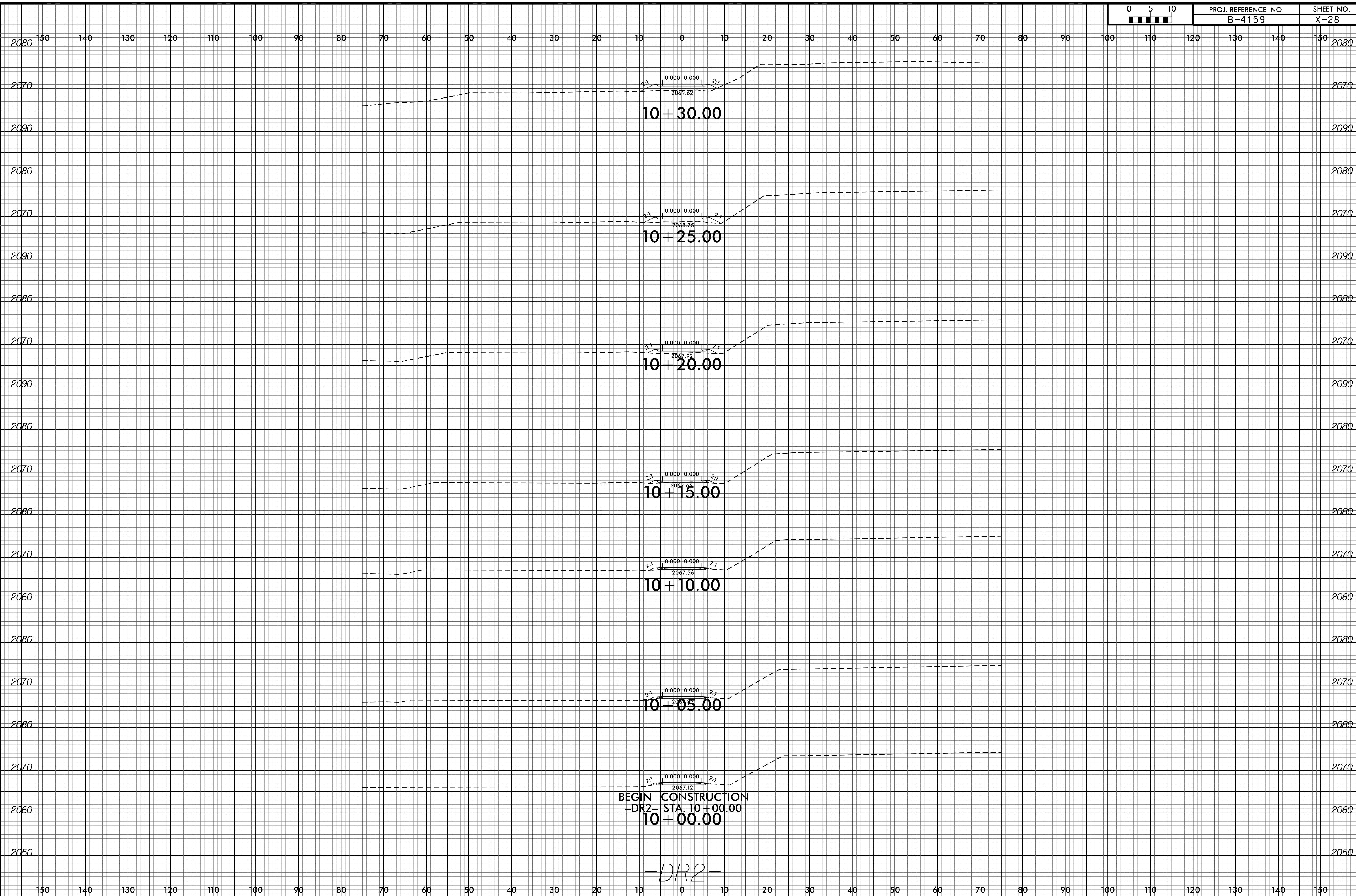
SHEET NO.  
X-27

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