8/17/99

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-1
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SYLVA – NC 107
JACKSON COUNTY

T.I.P PROJECT R–5600

LINE	SHEET NO.
–L–	X–2 TO X–109
–Y–	X–110 TO X–126
–Y1–	X–127 TO X–129
–Y2–	X–130 TO X–133
–Y4–	X–134 TO X–136
–Y5A–	X–137 TO X–139
–Y5B–	X–140 TO X–141
–Y6–	X–142 TO X–144
–Y7–	X–145 TO X–147
–Y8–	X–148 TO X–149
–Y9–	X–150 TO X–153
–Y10–	X–154 TO X–156
–Y11–	X–157 TO X–159
–Y12–	X–160 TO X–162
–Y13–	X–163 TO X–164
–Y14–	X–165 TO X–169
–Y15–	X–170 TO X–173
–Y16–	X–174 TO X–176
–Y17–	X–177 TO X–178
–Y18–	X–179 TO X–180
–Y19–	X–181 TO X–182
–Y20–	X–183 TO X–184
–Y21–	X–185
–Y22–	X–186 TO X–188
–Y23–	X–189 TO X–191
–Y24–	X–192 TO X–193
–DR1–	X–194
–DR2–	X–195 TO X–197
–DR3–	X–198 TO X–199
–DR4–	X–200 TO X–201
–DR5–	X–202 TO X–206
–R5000_Y4–	X–207

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Quantities are approximate only. The Resident Engineer will use methods including but not limited to recross-sectioning, truck measurements, and aerial surveys to compute final quantities which the contractor will be paid.

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station -L- RT. 11+50 to 34+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
11+50.00	0	0	
12+00.00	11	3	
12+50.00	11	4	
13+00.00	8	8	
13+50.00	11	4	
14+00.00	0	0	
14+50.00	0	0	
15+00.00	0	0	
15+50.00	125	12	
16+00.00	17	7	
16+50.00	35	3	
17+00.00	33	0	
17+50.00	24	3	
18+00.00	20	7	
18+50.00	32	14	
19+00.00	28	15	
19+50.00	9	10	
20+00.00	10	5	
20+50.00	12	4	
21+00.00	12	4	
21+50.00	16	0	
22+00.00	16	0	
22+50.00	13	5	
23+00.00	10	11	
23+50.00	11	15	
24+00.00	7	17	
24+50.00	1	27	
25+00.00	0	84	
25+50.00	0	140	
26+00.00	0	116	
26+50.00	52	40	
27+00.00			
27+50.00			
28+00.00	0	0	
28+50.00	27	15	
29+00.00	34	7	
29+50.00	28	4	
30+00.00	20	2	
30+50.00	19	0	
31+00.00	30	0	
31+50.00	30	0	
32+00.00	20	1	
32+50.00	14	1	
33+00.00	15	4	
33+50.00	11	4	
34+00.00	21	1	

Station -Y7-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
11+00.00	1772	1	
11+50.00	2921	0	
12+00.00	1524	4	
12+50.00	436	6	
13+00.00	91	5	

Station -Y9-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
11+00.00	0	0	
11+50.00	46	14	
12+00.00	85	22	
12+50.00	64	54	
13+00.00	55	175	
13+50.00	42	233	
14+00.00	44	161	
14+50.00	31	282	
15+00.00	0	475	
15+50.00	0	470	

Station -Y10-	Uncl. Exc. (cu. yd.) (cu. yd.)	Embt (cu. yd.) (cu. yd.)	Undercut Excavation (cu. yd.) (cu. yd.)
10+50.00	0	0	
11+00.00	99	57	
11+50.00	49	13	
12+00.00	22	6	
12+50.00	2	6	
13+00.00	5	35	
13+50.00	6	67	
13+70.00	1	16	

Station -Y11-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+25.00	0	0	
10+50.00	3	28	
10+75.00	6	24	
11+00.00	12	11	
11+20.00	5	4	

Station -Y12-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
12+30.00	0	0	
12+50.00	8	0	

Station -Y13-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
10+75.00	50	33	
11+00.00	62	0	
11+08.00	12	0	

Station -L- LT. 64+50 to 99+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
64+50.00	0	0	13
65+00.00	3	129	22
65+50.00	0	80	
66+00.00	1	29	
66+50.00	2	31	
67+00.00	1	49	
67+50.00	3	41	
68+00.00	9	26	
68+50.00	11	19	
69+00.00	7	18	
69+50.00	5	23	
70+00.00	4	24	
70+50.00	3	26	
71+00.00	4	29	
71+50.00	4	26	
72+00.00	10	19	
72+50.00	18	12	
73+00.00	21	10	
73+50.00	20	12	
74+00.00	15	21	
74+50.00	12	23	
75+00.00	115	16	
75+50.00	234	11	
76+00.00	217	9	
76+50.00	161	9	
77+00.00	100	11	
77+50.00	32	20	
78+00.00	3	26	
78+50.00	54	16	
79+00.00	81	8	
79+50.00	33	10	
80+00.00	7	17	
80+50.00	5	23	
81+00.00	3	26	
81+50.00	2	29	
82+00.00	2	42	
82+50.00	2	45	
83+00.00	2	32	
83+50.00	5	20	
84+00.00	4	19	
84+50.00	60	25	
85+00.00	705	19	
85+50.00	1441	15	
86+00.00	1609	12	
86+50.00	1855	5	
87+00.00	2292	2	
87+50.00	2164	0	
88+00.00	1372	0	
88+50.00	497	0	
89+00.00	99	0	
89+50.00	137	0	
90+00.00	201	0	
90+50.00	297	0	
91+00.00	476	0	
91+50.00	727	0	
92+00.00	991	0	

Station -L- LT. 64+50 to 99+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
92+50.00	1191	3	
93+00.00	1435	9	
93+50.00	1654	13	
94+00.00	1670	13	
94+50.00	1504	13	
95+00.00	955	14	
95+50.00	561	17	
96+00.00	467	19	
96+50.00	361	9	
97+00.00	362	0	
97+50.00	360	1	
98+00.00	370	2	
98+50.00	470	3	
99+00.00	317	9	

Station -DR3-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+37.75	0	0	
10+50.00	2	5	
10+75.00	60	8	
11+00.00	157	0	
11+25.00	140	0	
11+50.00	65	0	
11+75.00	32	0	
12+00.00	13	1	

Station -L- RT. 131+50 to 149+50	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
131+50.00	0	0	
132+00.00	11	7	
132+50.00	8	8	
133+00.00	3	15	
133+50.00	0	24	
134+00.00	1	40	
134+50.00	2	70	
135+00.00	3	116	
135+50.00	2	340	51
136+00.00	0	268	9
136+50.00	2	3	
137+00.00	6	4	
137+50.00	4	1	
138+00.00	32	0	
138+50.00	67	4	
139+00.00	35	33	
139+50.00	1	56	
140+00.00	2	54	
140+50.00	3	52	
141+00.00	2	50	
141+50.00	2	47	
142+00.00	5	40	
142+50.00	5	26	
143+00.00	6	30	
143+50.00	4	49	

Quantities are approximate only. The Resident Engineer will use methods including but not limited to recross-sectioning, truck measurements, and aerial surveys to compute final quantities which the contractor will be paid.

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-1B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station -L- RT. 131+50 to 149+50	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
144+00.00	7	54	
144+50.00	11	51	
145+00.00	7	53	
145+50.00	3	62	
146+00.00	2	75	
146+50.00	2	84	
147+00.00	13	94	
147+50.00	18	101	
148+00.00	8	80	
148+50.00	4	51	
149+00.00	10	32	
149+50.00	20	11	

Station -L- LT. 131+50 to 149+50	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
131+50.00	0	0	
132+00.00	100	7	
132+50.00	94	5	
133+00.00	43	12	
133+50.00	3	25	
134+00.00	6	24	
134+50.00	10	13	
135+00.00	11	11	
135+50.00	9	122	51
136+00.00	10	167	9
136+50.00	12	73	
137+00.00	9	48	
137+50.00	4	37	
138+00.00	4	19	
138+50.00	4	19	
139+00.00	2	26	
139+50.00	0	36	
140+00.00	0	50	
140+50.00	0	49	
141+00.00	0	34	
141+50.00	1	28	
142+00.00	1	34	
142+50.00	1	34	
143+00.00	1	23	
143+50.00	7	14	
144+00.00	7	21	
144+50.00	0	59	
145+00.00	0	122	
145+50.00	1	85	
146+00.00	1	62	
146+50.00	2	95	
147+00.00	9	58	
147+50.00	11	34	
148+00.00	8	38	
148+50.00	9	37	
149+00.00	11	30	
149+50.00	14	35	

Station -L- RT. 34+50 to 99+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
34+50.00	0	0	
35+00.00	200	0	
35+50.00	120	0	
36+00.00	54	7	
36+50.00	25	20	
37+00.00	6	66	
37+50.00	1	129	
38+00.00	0	155	
38+50.00	1	105	
39+00.00	13	31	
39+50.00	20	13	
40+00.00	12	19	
40+50.00	5	54	
41+00.00	3	525	185
41+50.00	7	840	165
42+00.00	5	357	
42+50.00	5	36	
43+00.00	10	62	
43+50.00	22	40	
44+00.00	25	22	
44+50.00	12	15	
45+00.00	16	7	
45+50.00	27	4	
46+00.00	25	8	
46+50.00	16	14	
47+00.00	8	27	
47+50.00	1	278	
48+00.00	0	523	
48+50.00	2	287	
49+00.00	2	63	
49+50.00	3	87	
50+00.00	3	152	
50+50.00	0	250	
51+00.00	0	322	
51+50.00	0	246	
52+00.00	4	87	
52+50.00	6	92	
53+00.00	3	174	
53+50.00	4	161	
54+00.00	10	99	
54+50.00	15	64	
55+00.00	35	37	
55+50.00	60	17	
56+00.00	67	13	
56+50.00	70	13	
57+00.00	47	21	
57+50.00	22	27	
58+00.00	19	27	
58+50.00	15	31	
59+00.00	14	37	
59+50.00	21	25	
60+00.00	50	12	
60+50.00	66	8	

Station -L- RT. 34+50 to 99+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
61+00.00	39	4	
61+50.00	14	17	
62+00.00	10	27	
62+50.00	13	26	
63+00.00	14	25	
63+50.00	13	27	
64+00.00	12	15	25
64+50.00	0	0	15
65+00.00	33	5	30
65+50.00	39	1	
66+00.00	41	3	
66+50.00	32	8	
67+00.00	38	6	
67+50.00	44	0	
68+00.00	32	41	
68+50.00	27	55	
69+00.00	39	21	
69+50.00	121	13	
70+00.00	113	13	
70+50.00	21	33	
71+00.00	15	122	
71+50.00	83	107	
72+00.00	99	21	
72+50.00	43	19	
73+00.00	26	16	
73+50.00	28	14	
74+00.00	32	13	
74+50.00	18	17	
75+00.00	16	20	
75+50.00	14	29	
76+00.00	10	48	
76+50.00	10	55	
77+00.00	9	62	
77+50.00	9	66	
78+00.00	14	58	
78+50.00	23	40	
79+00.00	53	17	
79+50.00	95	8	
80+00.00	148	8	
80+50.00	196	9	
81+00.00	224	10	
81+50.00	272	10	
82+00.00	309	10	
82+50.00	290	11	
83+00.00	238	11	
83+50.00	194	11	
84+00.00	150	13	
84+50.00	89	9	
85+00.00	53	3	
85+50.00	41	1	
86+00.00	23	2	
86+50.00	10	8	
87+00.00	10	8	

Station -L- RT. 34+50 to 99+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
87+50.00	11	4	
88+00.00	7	7	
88+50.00	8	5	
89+00.00	2034	19	
89+50.00	4147	17	
90+00.00	3414	0	
90+50.00	2024	0	
91+00.00	1046	0	
91+50.00	463	2	
92+00.00	181	9	
92+50.00	38	25	
93+00.00	5	25	
93+50.00	6	24	
94+00.00	5	32	
94+50.00	31	22	
95+00.00	141	15	
95+50.00	211	16	
96+00.00	178	14	
96+50.00	117	13	
97+00.00	48	14	
97+50.00	20	13	
98+00.00	27	8	
98+50.00	45	2	
99+00.00	27	0	

Station -Y14-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+70.00	0	0	
11+00.00	38	92	
11+25.00	17	77	
11+50.00	25	60	
11+75.00	32	37	
12+00.00	65	20	
12+25.00	117	17	
12+50.00	106	15	
13+00.00	75	33	

Station -DR5-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
11+00.00	78	15	
11+50.00	236	6	
11+75.00	297	0	
12+00.00	472	0	
12+25.00	600	0	
12+50.00	631	0	

Station -DR1-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
11+50.00	0	0	
12+00.00	54	13	

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PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-1C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station -L- RT. 99+50 to 131+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
99+50.00	0	0	
100+00.00	42	1	
100+50.00	66	0	
101+00.00	46	1	
101+50.00	44	1	
102+00.00	37	2	
102+50.00	15	26	
103+00.00	1	58	
103+50.00	3	76	
104+00.00	2	120	
104+50.00	2	131	
105+00.00	5	72	
105+50.00	8	74	
106+00.00	20	62	
106+50.00	18	233	35
107+00.00	5	430	185
107+50.00	2	351	185
108+00.00	3	250	180
108+50.00	7	238	
109+00.00	13	162	
109+50.00	19	27	
110+00.00	28	2	
110+50.00	33	10	
111+00.00	35	9	
111+50.00	36	8	
112+00.00	29	22	
112+50.00	32	14	
113+00.00	35	0	
113+50.00	47	0	
114+00.00	63	0	
114+50.00	49	12	
115+00.00	37	12	
115+50.00	51	1	
116+00.00	80	0	
116+50.00	75	0	
117+00.00	82	0	
117+50.00	70	1	
118+00.00	22	1	
118+50.00	18	3	
119+00.00	17	3	
119+50.00	13	2	
120+00.00	6	6	
120+50.00	5	8	
121+00.00	5	9	
121+50.00	3	12	
122+00.00	3	121	
122+50.00	6	119	
123+00.00	9	17	
123+50.00	9	21	
124+00.00	7	25	
124+50.00	11	18	
125+00.00	10	9	
125+50.00	3	12	

Station -L- RT. 99+50 to 131+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
126+00.00	4	11	
126+50.00	4	9	
127+00.00	5	8	
127+50.00	6	5	
128+00.00	5	5	
128+50.00	5	8	
129+00.00	7	10	
129+50.00	11	8	
130+00.00	14	7	
130+50.00	21	6	
131+00.00	13	2	

Station -Y15-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
11+00.00	180	69	
11+50.00	132	204	
12+00.00	223	222	
12+50.00	427	63	
13+00.00	504	0	
13+50.00	264	4	
14+00.00	70	104	30
14+50.00	69	420	350

Station -Y18-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+25.00	0	0	
10+50.00	13	2	
11+00.00	32	6	
11+50.00	187	3	

Station -Y21-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
11+60.00	0	0	
12+00.00	15	13	
12+50.00	29	110	

Station -Y- RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
11+00.00	0	0	
11+50.00	9	25	
12+00.00	12	23	
12+50.00	17	12	
13+00.00	19	6	
13+50.00	21	1	
14+00.00	17	7	
14+50.00	8	19	
15+00.00	207	15	
15+50.00	573	5	
16+00.00	697	3	
16+34.85	416	1	
16+50.00	154	1	
17+00.00	391	9	

Station -Y- RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
17+50.00	641	18	
18+00.00	1451	59	
18+50.00	3194	75	
19+00.00	2679	26	
19+50.00	497	4	
20+00.00	113	4	
20+50.00	106	0	
21+00.00	89	0	
21+50.00	91	0	
22+00.00	63	2	
22+50.00	35	2	
23+00.00	23	3	
23+50.00	5	14	
24+00.00	17	19	
24+50.00	31	14	
25+00.00	16	73	
25+50.00	6	92	
26+00.00	13	42	
26+50.00	23	18	
27+00.00	25	1	
27+50.00	26	3	
28+00.00	52	2	

Station -Y2-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
11+00.00	223	1	
11+50.00	100	0	
12+00.00	31	2	
12+50.00	3	6	160
13+00.00	0	7	
13+25.00	0	1	

Station -Y4-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
11+00.00	2	8	
11+50.00	2	10	
12+00.00	6	6	
12+50.00	47	2	160
13+00.00	183	0	
13+50.00	155	12	
14+00.00	57	19	

Station -Y5A-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
11+00.00	6	10	
11+50.00	5	12	
12+00.00	2	10	
12+50.00	0	1	

Station -Y5B-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
11+00.00	16	3	
11+50.00	91	4	
12+00.00	178	2	
12+50.00	215	19	
13+00.00	113	90	

Station -Y6-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
12+00.00	0	0	
12+50.00	0	40	
13+00.00	0	492	220
13+50.00	1	898	35
14+00.00	1	970	175
14+50.00	0	1078	200

Station -L- LT. 99+50 to 131+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
99+50.00	0	0	
100+00.00	175	10	
100+50.00	353	1	
101+00.00	358	0	
101+50.00	348	0	
102+00.00	352	0	
102+50.00	299	0	
103+00.00	197	0	19
103+50.00	136	0	18
104+00.00	71	1	
104+50.00	41	1	
105+00.00	51	1	
105+50.00	35	34	
106+00.00	19	51	
106+50.00	23	24	
107+00.00	17	25	
107+50.00	6	31	
108+00.00	4	15	
108+50.00	11	4	
109+00.00	31	1	
109+50.00	25	12	
110+00.00	11	28	
110+50.00	30	18	
111+00.00	36	5	
111+50.00	51	2	
112+00.00	59	1	
112+50.00	39	1	
113+00.00	26	4	
113+50.00	48	3	
114+00.00	51	0	
114+50.00	36	0	
115+00.00	46	0	
115+50.00	45	0	
116+00.00	31	0	
116+50.00	11	23	10

Quantities are approximate only. The Resident Engineer will use methods including but not limited to recross-sectioning, truck measurements, and aerial surveys to compute final quantities which the contractor will be paid.

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-1D

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station -L- LT. 99+50 to 131+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
117+00.00	2	42	14
117+50.00	12	38	13
118+00.00	11	43	14
118+50.00	6	46	17
119+00.00	9	38	19
119+50.00	6	32	18
120+00.00	5	30	
120+50.00	4	57	
121+00.00	2	69	
121+50.00	2	58	
122+00.00	14	39	
122+50.00	39	9	
123+00.00	44	8	26
123+50.00	85	16	25
124+00.00	198	17	25
124+50.00	252	27	21
125+00.00	262	18	23
125+50.00	280	1	
126+00.00	301	0	
126+50.00	356	0	
127+00.00	382	0	
127+50.00	357	0	
128+00.00	320	1	
128+50.00	309	1	19
129+00.00	310	2	18
129+50.00	314	4	
130+00.00	307	6	
130+50.00	265	3	
131+00.00	119	0	

Station -DR4-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
10+75.00	60	8	
11+00.00	157	0	
11+25.00	140	0	
11+50.00	65	0	
11+75.00	32	0	

Station -DR2-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
11+00.00	0	0	
11+50.00	45	1	
11+75.00	8	0	

Station -Y16-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
11+00.00	5	271	
11+50.00	48	147	
12+00.00	44	1	
12+32.00	1	2	

Station -Y17-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+25.00	0	0	
10+50.00	4	2	

Station -Y19-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
10+75.00	11	8	
11+00.00	7	6	

Station -Y20-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
10+75.00	7	44	
11+00.00	4	29	
11+25.00	16	10	
11+50.00	13	0	

Station -Y22-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
11+00.00	95	22	
11+50.00	52	4	
12+00.00	19	7	
12+10.00	2	1	

Station -Y23-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
10+75.00	0	55	
11+00.00	15	31	
11+25.00	32	0	
11+40.00	10	0	

Station -Y24-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
11+00.00	31	168	
11+50.00	32	12	
12+00.00	2	4	
12+20.00	0	2	

Station -L- LT. 12+50 to 64+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
12+50.00	8	0	
13+00.00	16	0	
13+50.00	9	17	
14+00.00	8	19	
14+50.00	207	15	
15+00.00	0	0	
15+50.00	7	13	
16+00.00	9	6	
16+50.00	8	5	
17+00.00	6	8	

Station -L- LT. 12+50 to 64+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
17+50.00	5	10	
18+00.00	11	6	
18+50.00	18	0	
19+00.00	11	7	
19+50.00	4	12	
20+00.00	5	8	
20+50.00	7	5	
21+00.00	8	6	
21+50.00	8	8	
22+00.00	5	13	
22+50.00	3	12	
23+00.00	2	19	
23+50.00	1	27	
24+00.00	5	11	
24+50.00	6	10	
25+00.00	2	19	
25+50.00	4	23	
26+00.00	4	44	
26+50.00	6	43	
27+00.00	0	0	
27+50.00	0	0	
28+00.00	0	0	
28+50.00	15	10	
29+00.00	22	1	
29+50.00	33	1	
30+00.00	68	0	
30+50.00	108	0	
31+00.00	90	0	
31+50.00	42	3	
32+00.00	9	26	
32+50.00	1	83	
33+00.00	7	59	
33+50.00	37	4	
34+00.00	53	9	
34+50.00	0	0	42
35+00.00	200	0	74
35+50.00	120	0	
36+00.00	54	7	
36+50.00	25	20	
37+00.00	6	66	
37+50.00	1	129	
38+00.00	0	155	
38+50.00	1	105	
39+00.00	13	31	
39+50.00	20	13	18
40+00.00	12	19	18
40+50.00	5	54	18
41+00.00	3	525	
41+50.00	7	840	
42+00.00	5	357	
42+50.00	5	36	
43+00.00	10	62	
43+50.00	22	40	

Station -L- LT 12+50 to 64+00	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
44+00.00	25	22	
44+50.00	12	15	
45+00.00	16	7	
45+50.00	27	4	
46+00.00	25	8	
46+50.00	16	14	
47+00.00	8	27	
47+50.00	1	278	
48+00.00	0	523	
48+50.00	2	287	
49+00.00	2	63	
49+50.00	3	87	
50+00.00	3	152	
50+50.00	0	250	
51+00.00	0	322	
51+50.00	0	246	
52+00.00	4	87	
52+50.00	6	92	
53+00.00	3	174	
53+50.00	4	161	
54+00.00	10	99	
54+50.00	15	64	
55+00.00	35	37	
55+50.00	60	17	
56+00.00	67	13	
56+50.00	70	13	
57+00.00	47	21	
57+50.00	22	27	
58+00.00	19	27	
58+50.00	15	31	
59+00.00	14	37	
59+50.00	21	25	
60+00.00	50	12	
60+50.00	66	8	
61+00.00	39	4	
61+50.00	14	17	
62+00.00	10	27	
62+50.00	13	26	
63+00.00	14	25	
63+50.00	13	27	
64+00.00	12	15	

Station -Y8-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0	
10+75.00	11	18	
11+00.00	6	11	

Quantities are approximate only. The Resident Engineer will use methods including but not limited to recross-sectioning, truck measurements, and aerial surveys to compute final quantities which the contractor will be paid.

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-1E

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

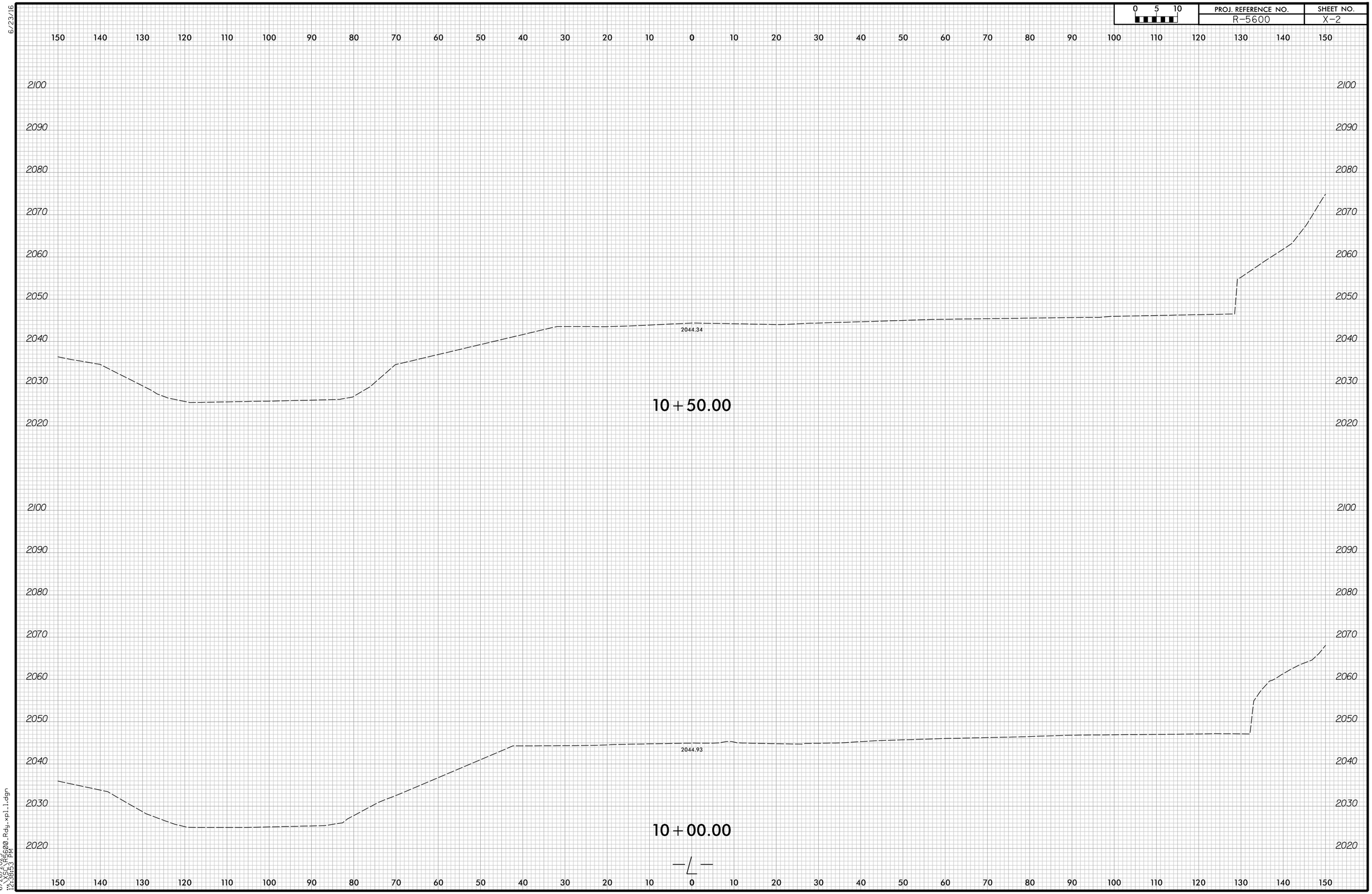
CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station -Y- LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)	Station R5000 -Y4-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
10+50.00	0	0		32+00.00	0	0	
11+00.00	0	65		32+50.00	59	0	
11+50.00	0	91		33+00.00	206	0	
12+00.00	0	43		33+50.00	240	0	
12+50.00	4	19		34+00.00	118	0	
13+00.00	8	6					
13+50.00	8	7					
14+00.00	6	11					
14+50.00	5	14					
15+00.00	6	13					
15+50.00	6	10					
16+00.00	6	11					
16+34.85	3	10					
16+50.00	1	4					
17+00.00	3	17					
17+50.00	2	19					
18+00.00	2	19					
18+50.00	3	15					
19+00.00	9	6					
19+50.00	9	6					
20+00.00	5	14					
20+50.00	6	35					
21+00.00	3	102					
21+50.00	0	115					
22+00.00	1	45					
22+50.00	1	15					
23+00.00	3	27					
23+50.00	4	53					
24+00.00	2	56					
24+50.00	4	44					
25+00.00	6	47					
25+50.00	5	72					
26+00.00	9	65					
26+50.00	19	16					
27+00.00	51	0					
27+50.00	59	1					
28+00.00	31	2					

Station -Y1-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut Excavation (cu. yd.)
11+00.00	0	0	
11+50.00	21	86	
12+00.00	22	42	
12+50.00	6	50	
13+00.00	3	70	
13+50.00	4	80	
14+00.00	13	68	

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-2



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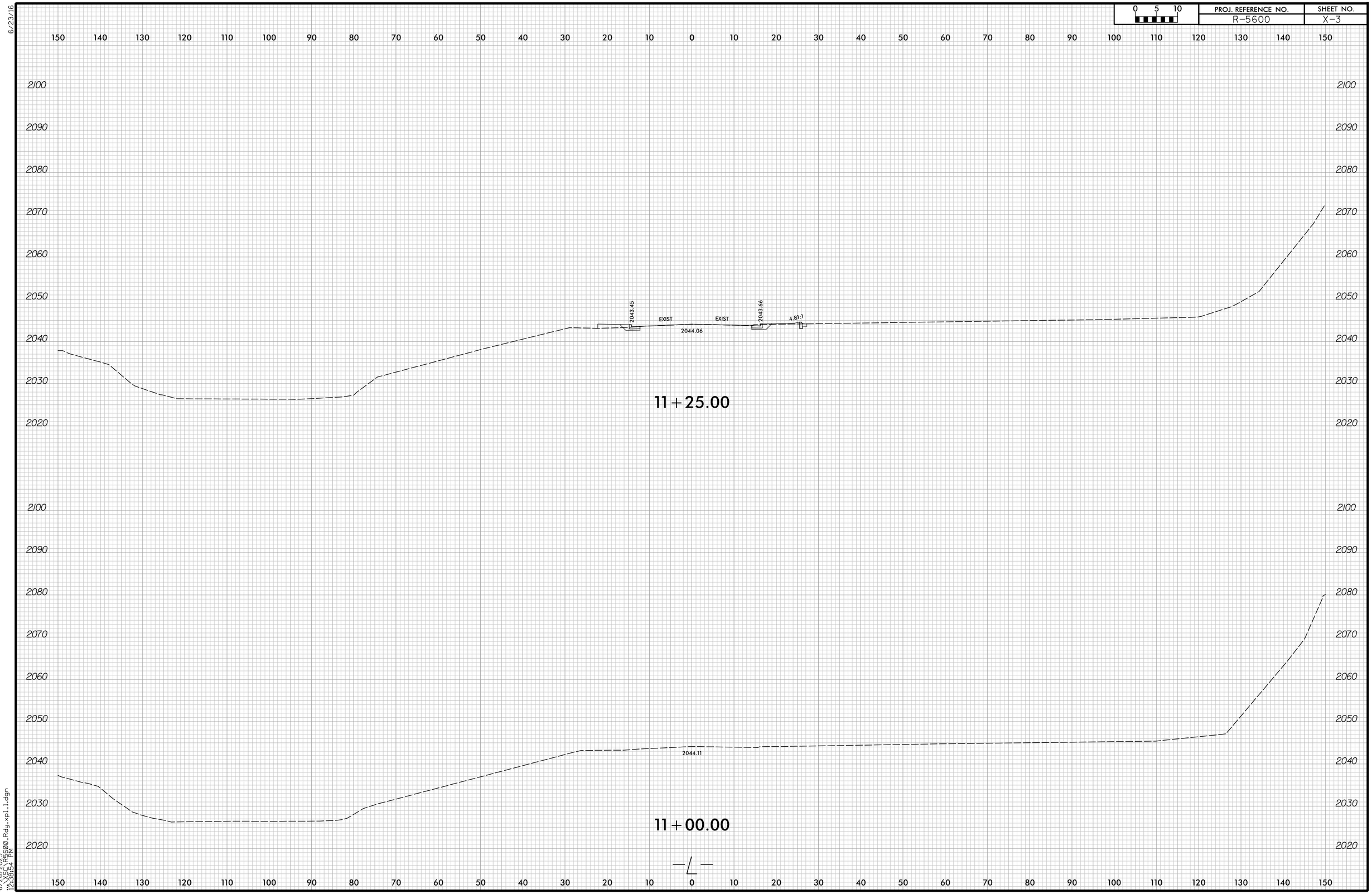

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	R-5600	X-4

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2090
2080
2070
2060
2050
2040
2030
2020

0.035 0.020
2043.75

12+00.00

2100
2090
2080
2070
2060
2050
2040
2030
2020

2043.45 0.040 0.020 2043.70 50.05:1
2044.06

11+50.00

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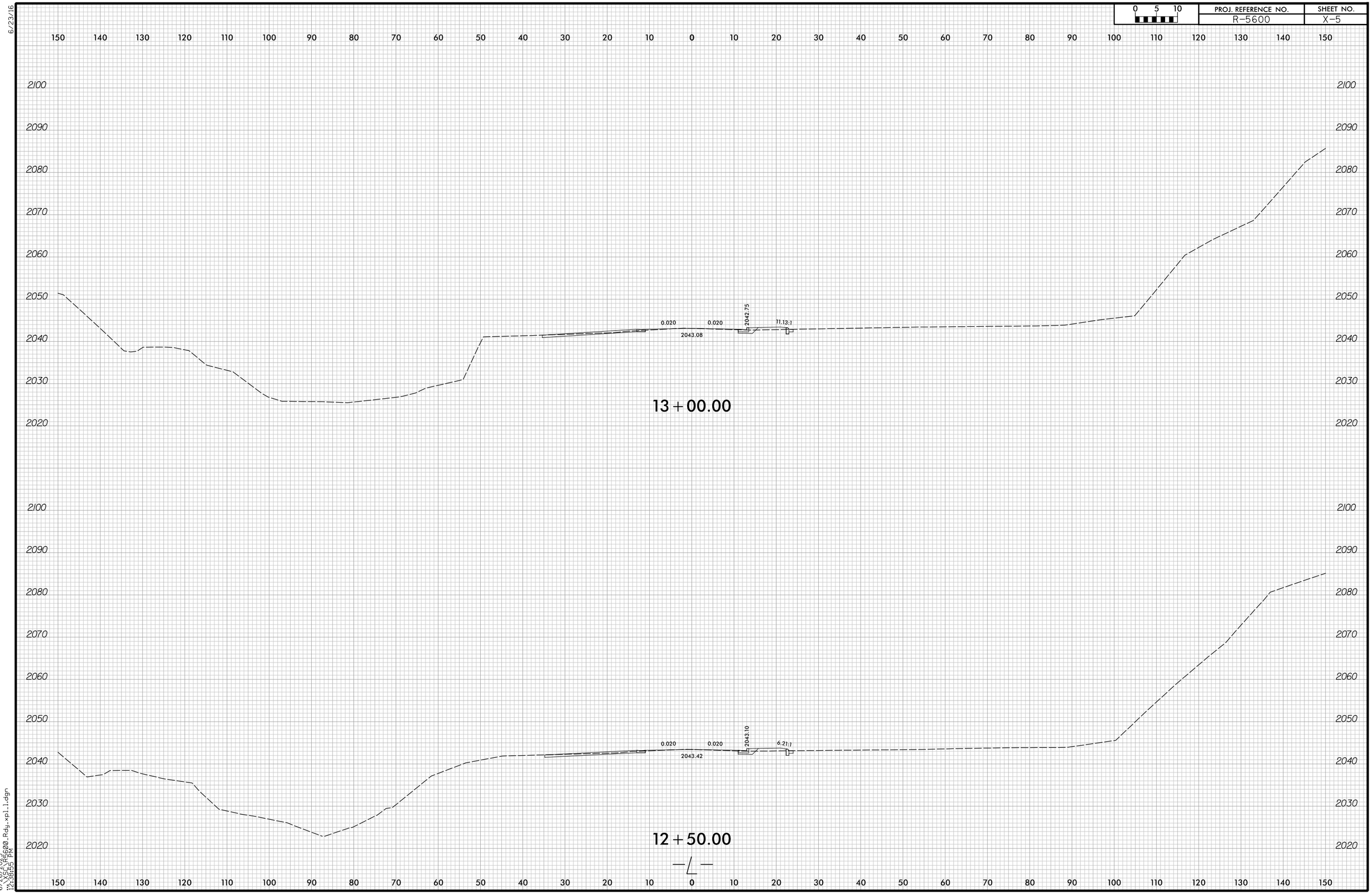
R-5600	X-5



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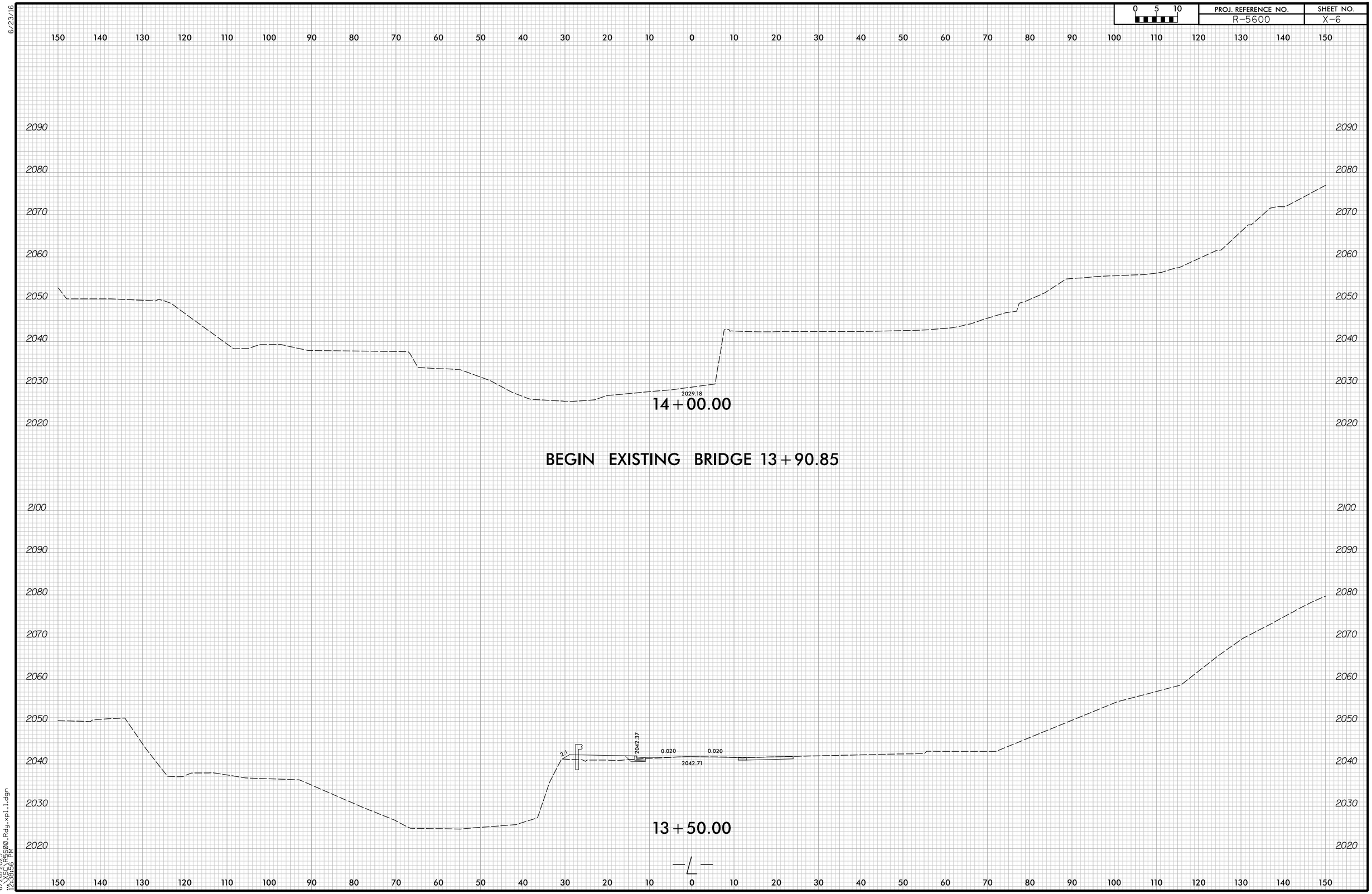

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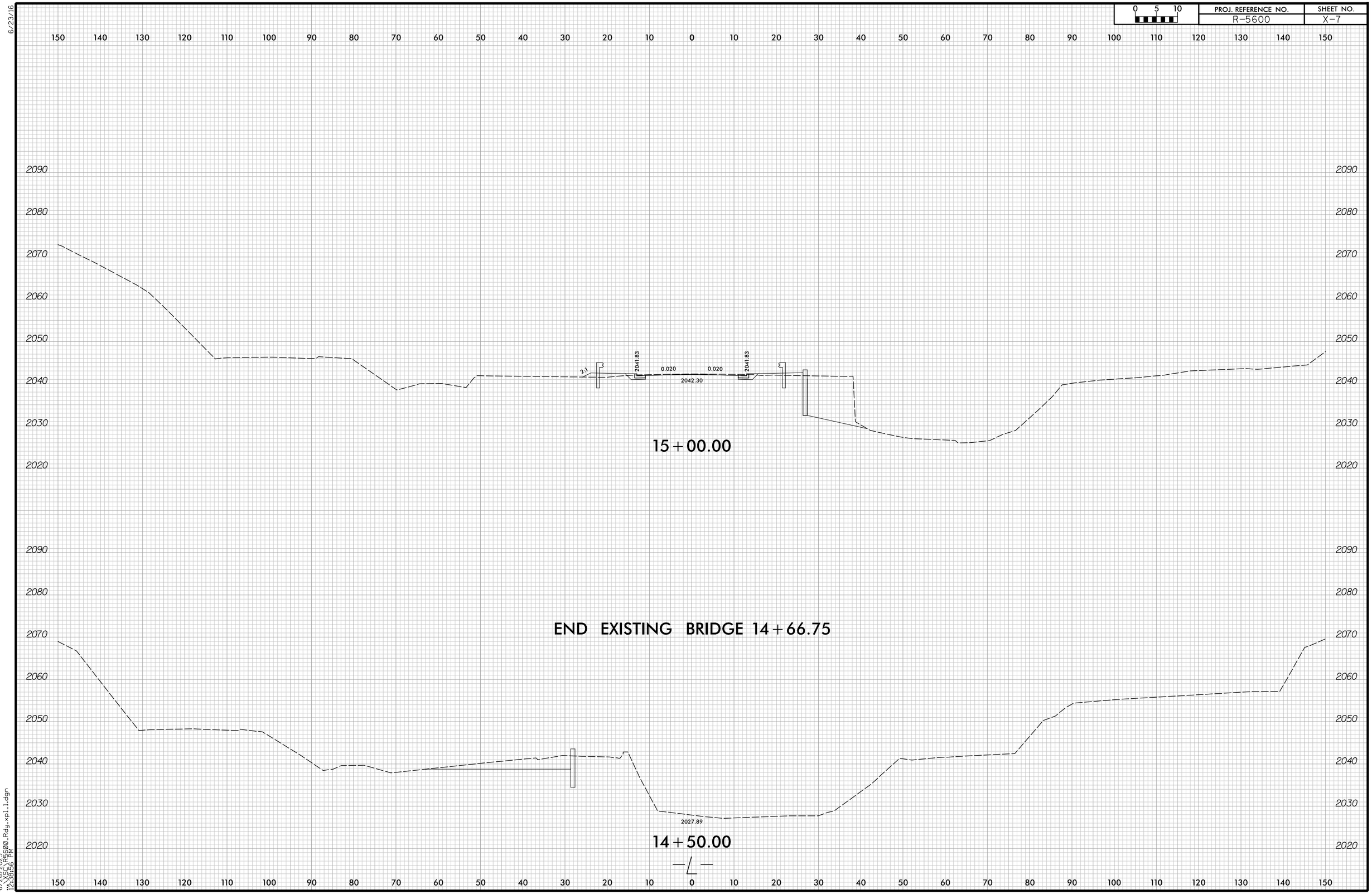

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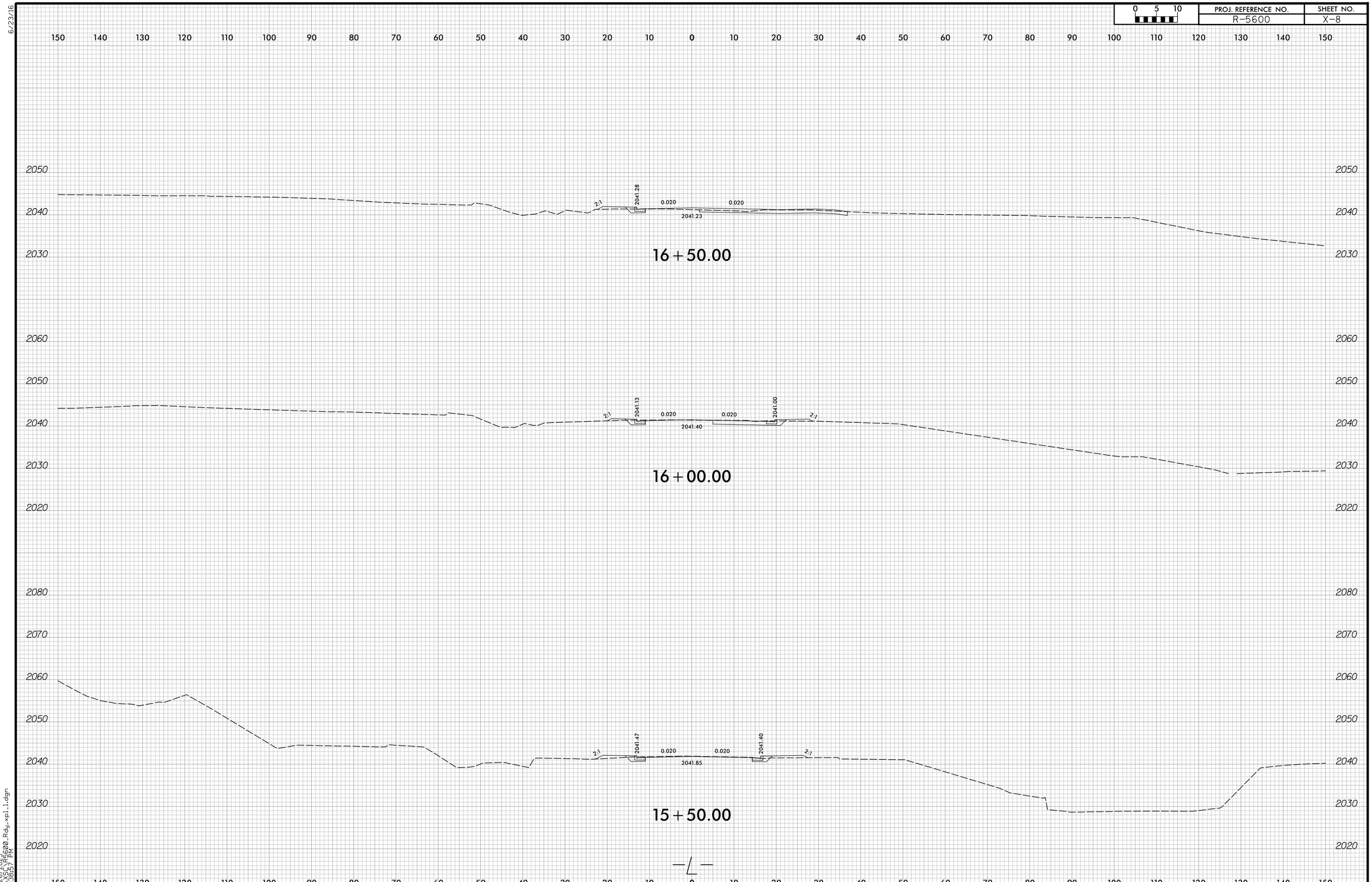

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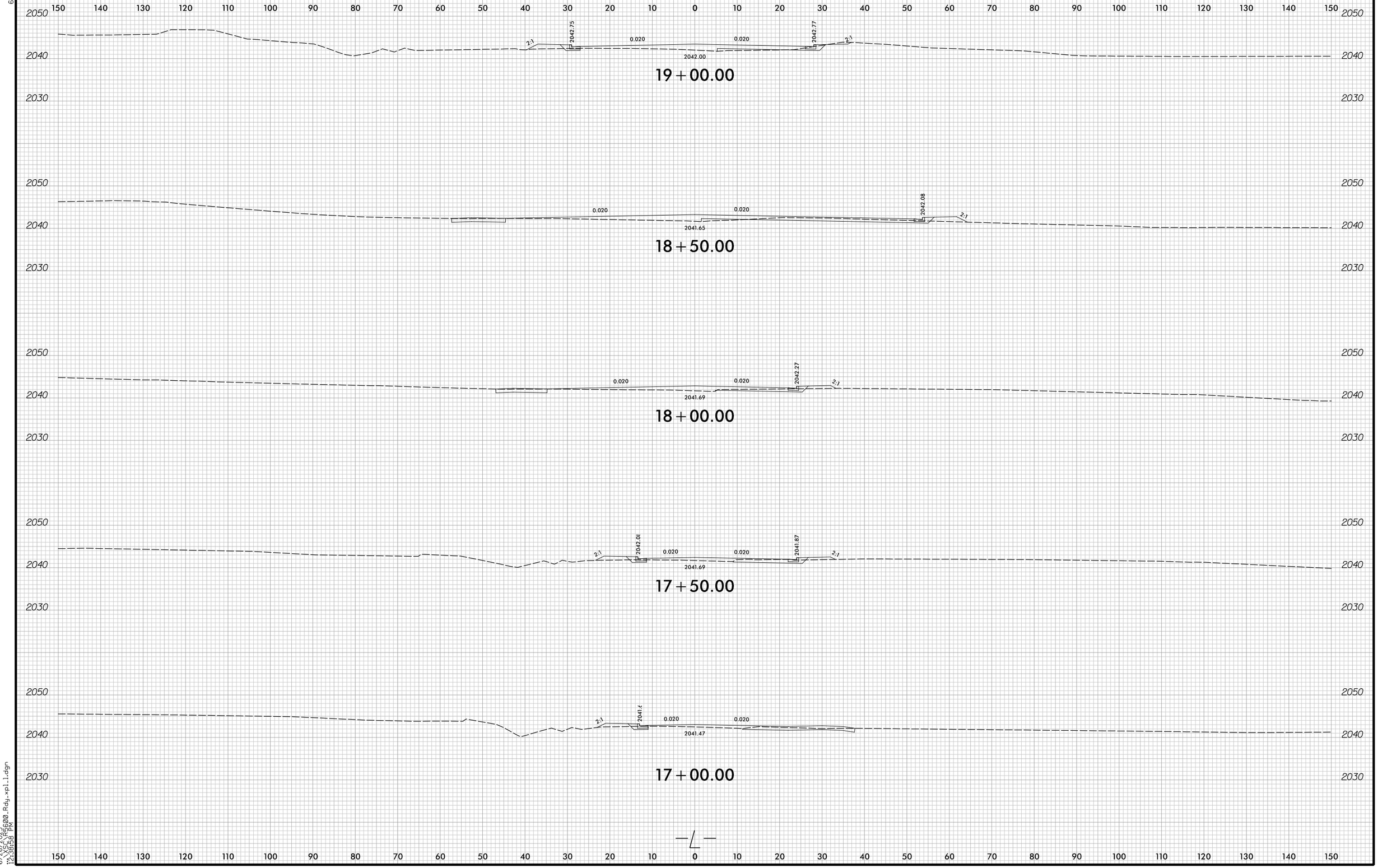
	R-5600	X-9



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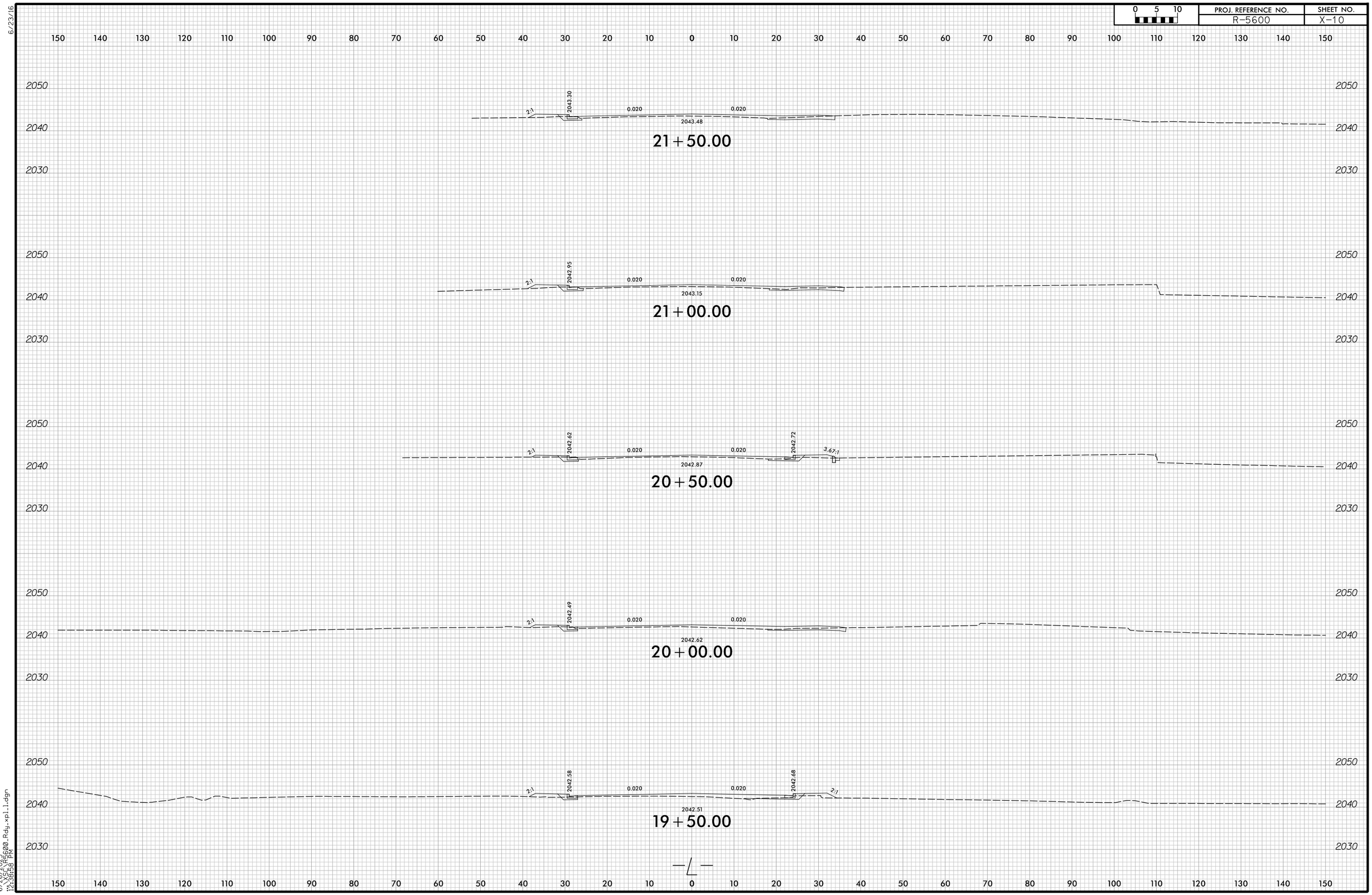

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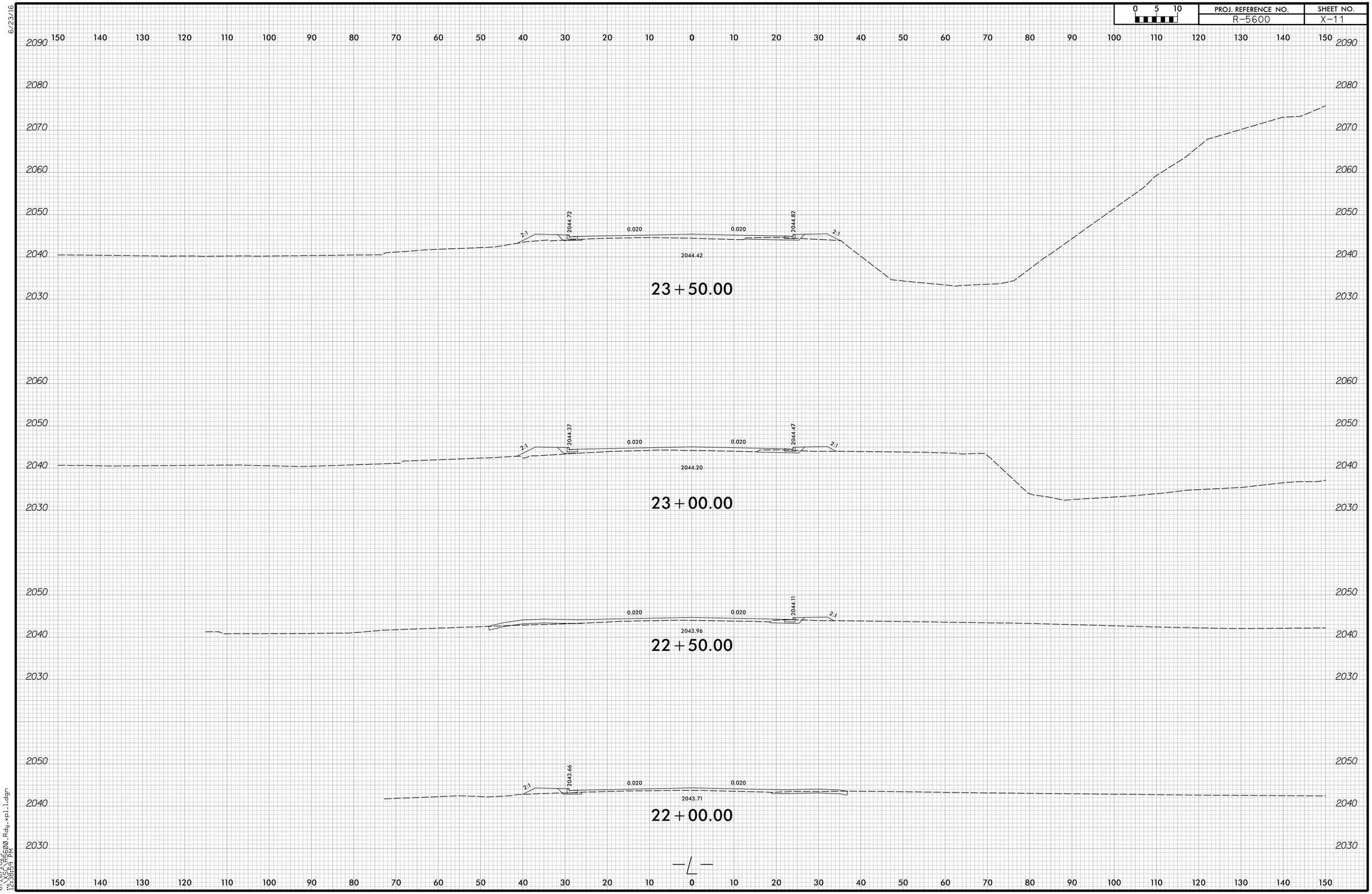

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2045.07

25+00.00

2070 2060 2050 2040 2030

2:1 2045.43 0.020 0.020 2045.65 2:1

2044.63

24+50.00

2090 2080 2070 2060 2050 2040 2030

0.020 0.020 2045.18 2:1

2044.51

24+00.00

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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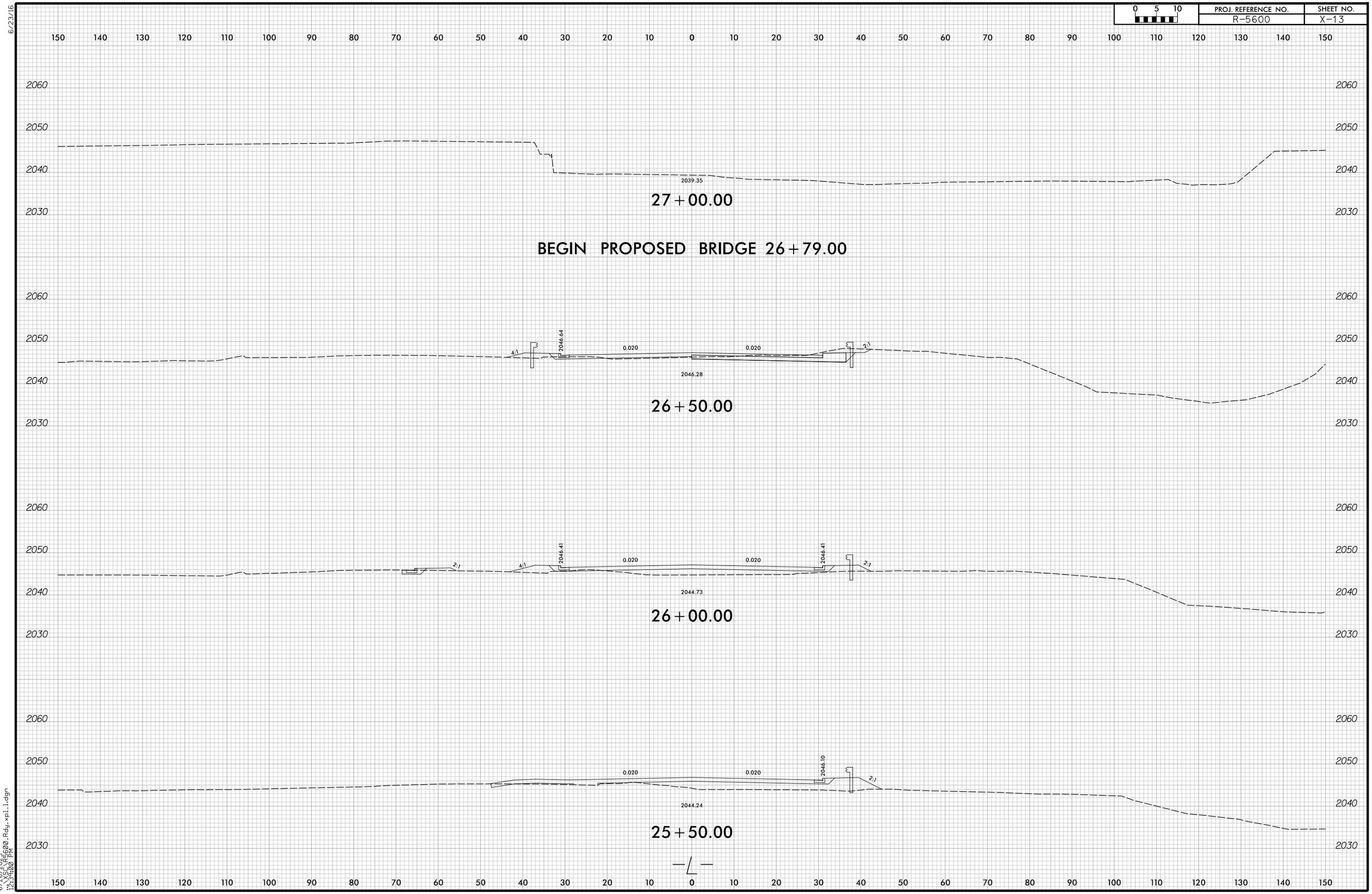

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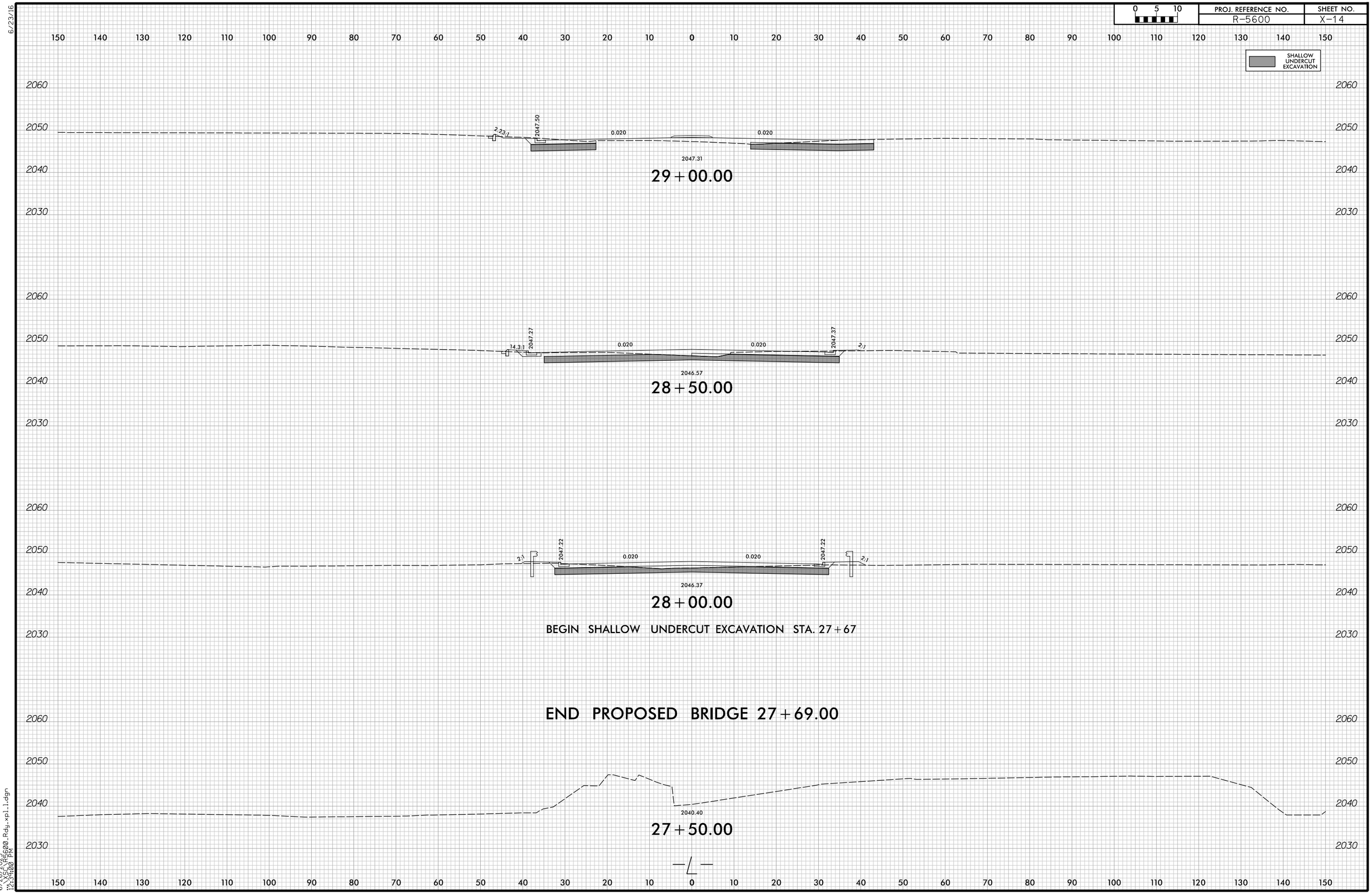

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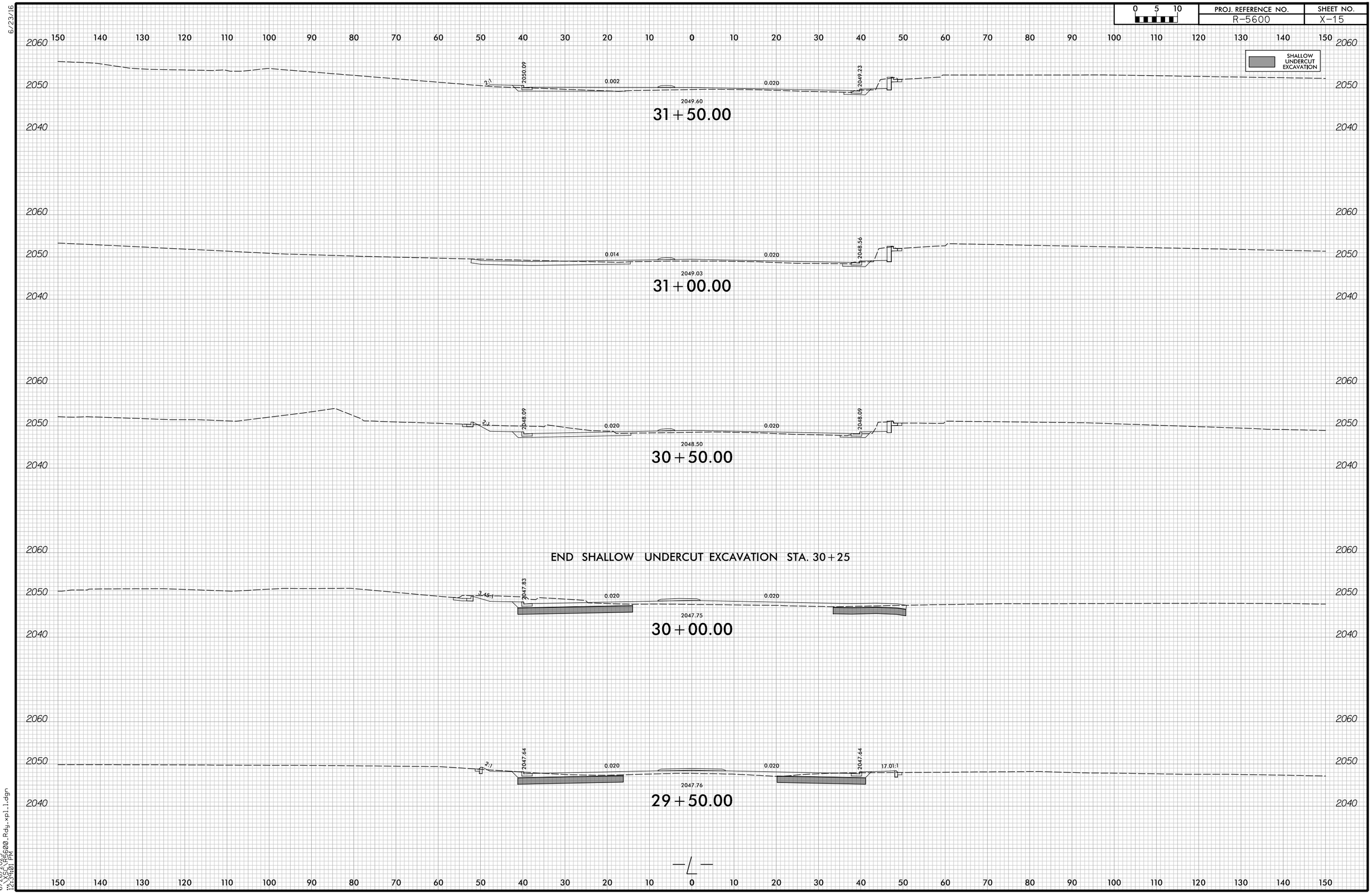

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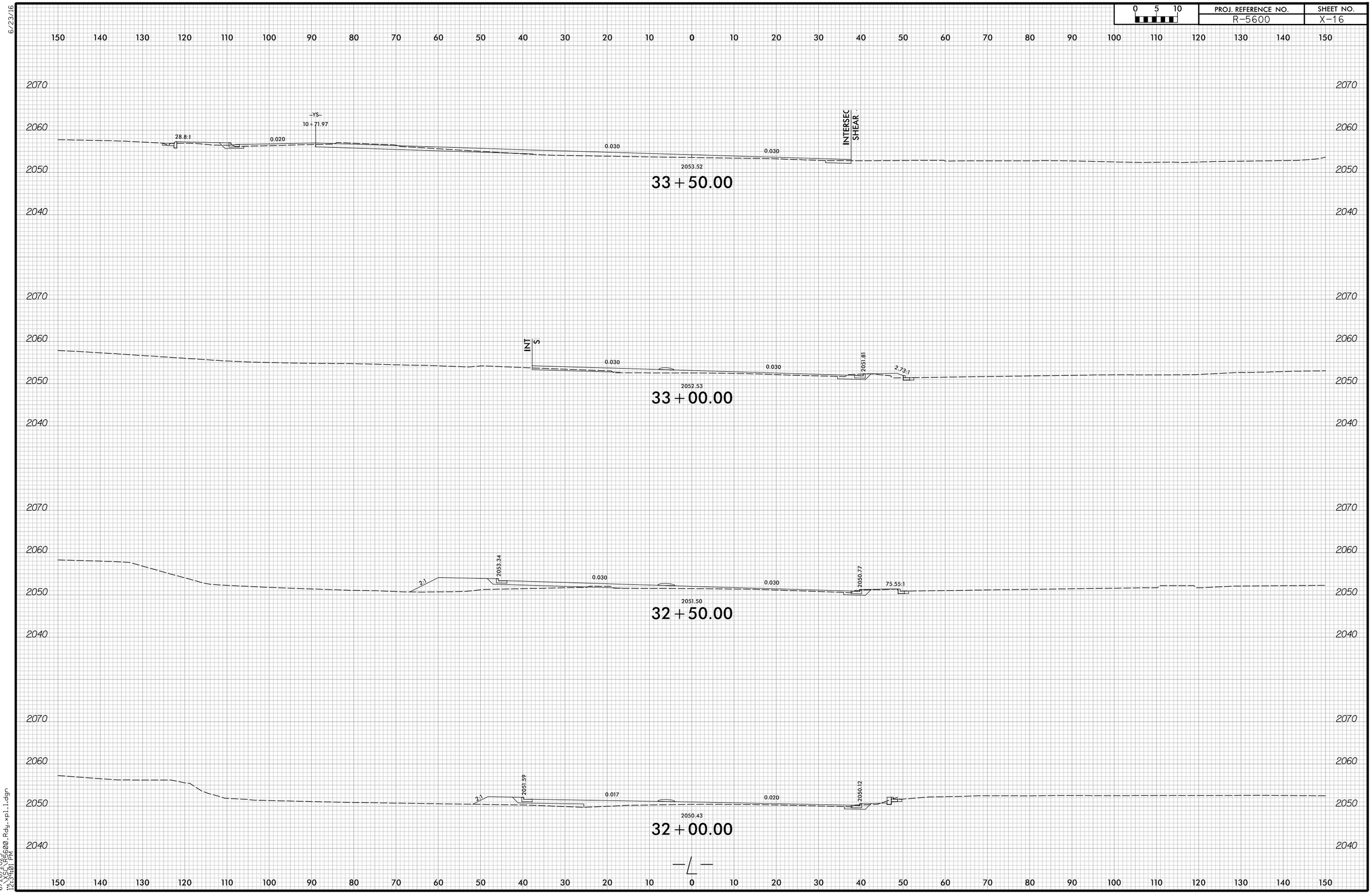

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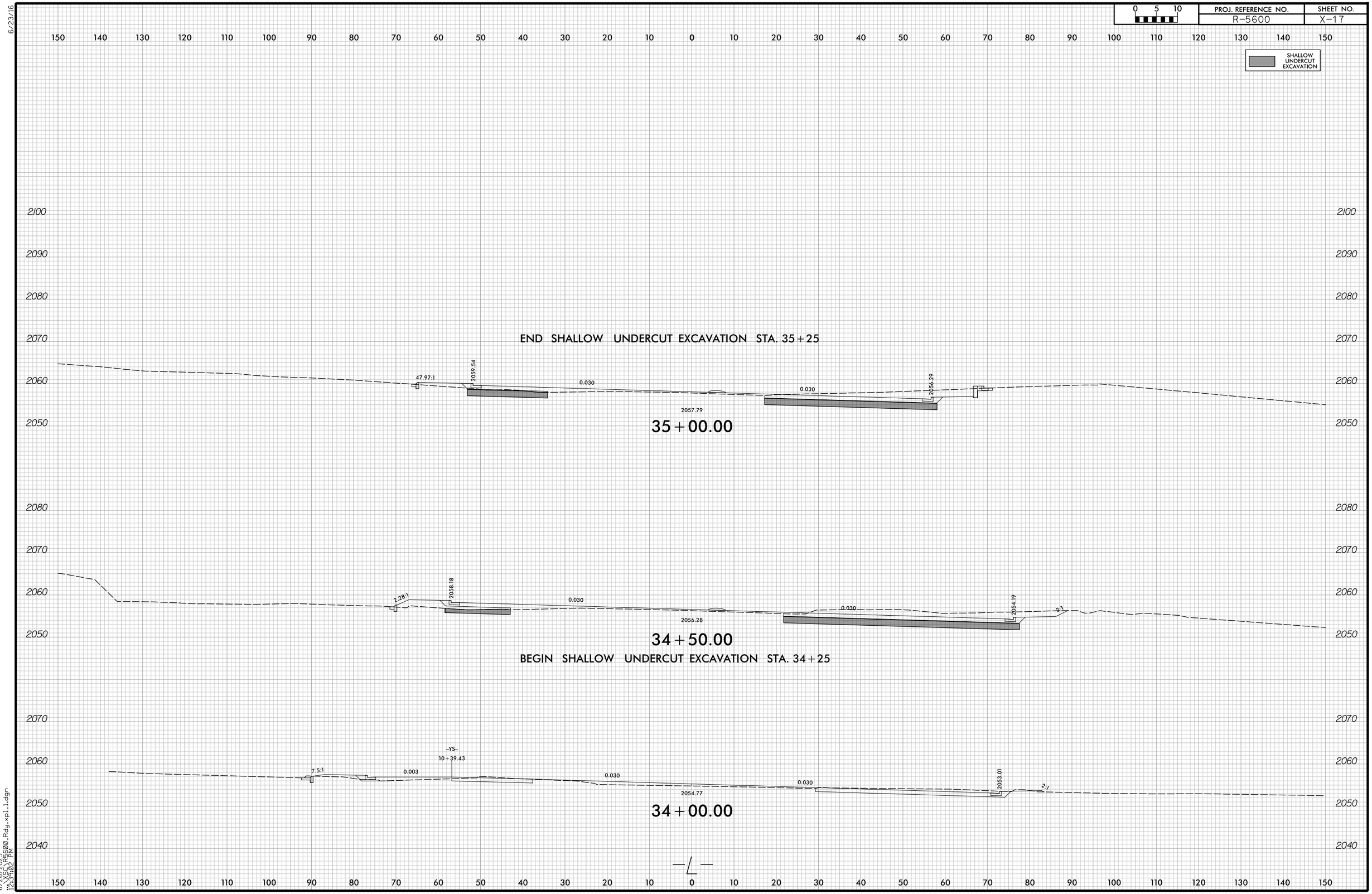

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6/26/2025
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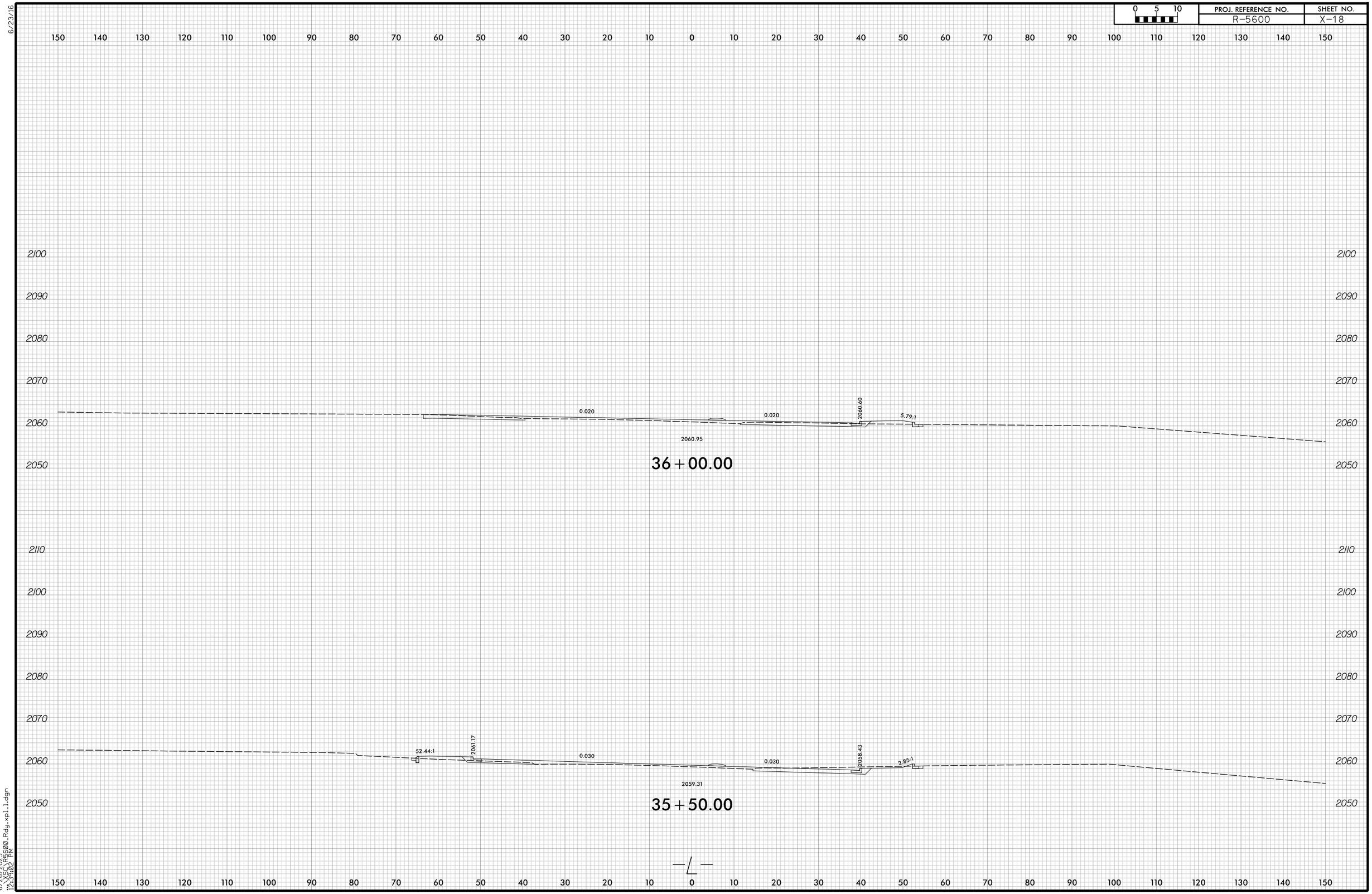

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6/26/2025
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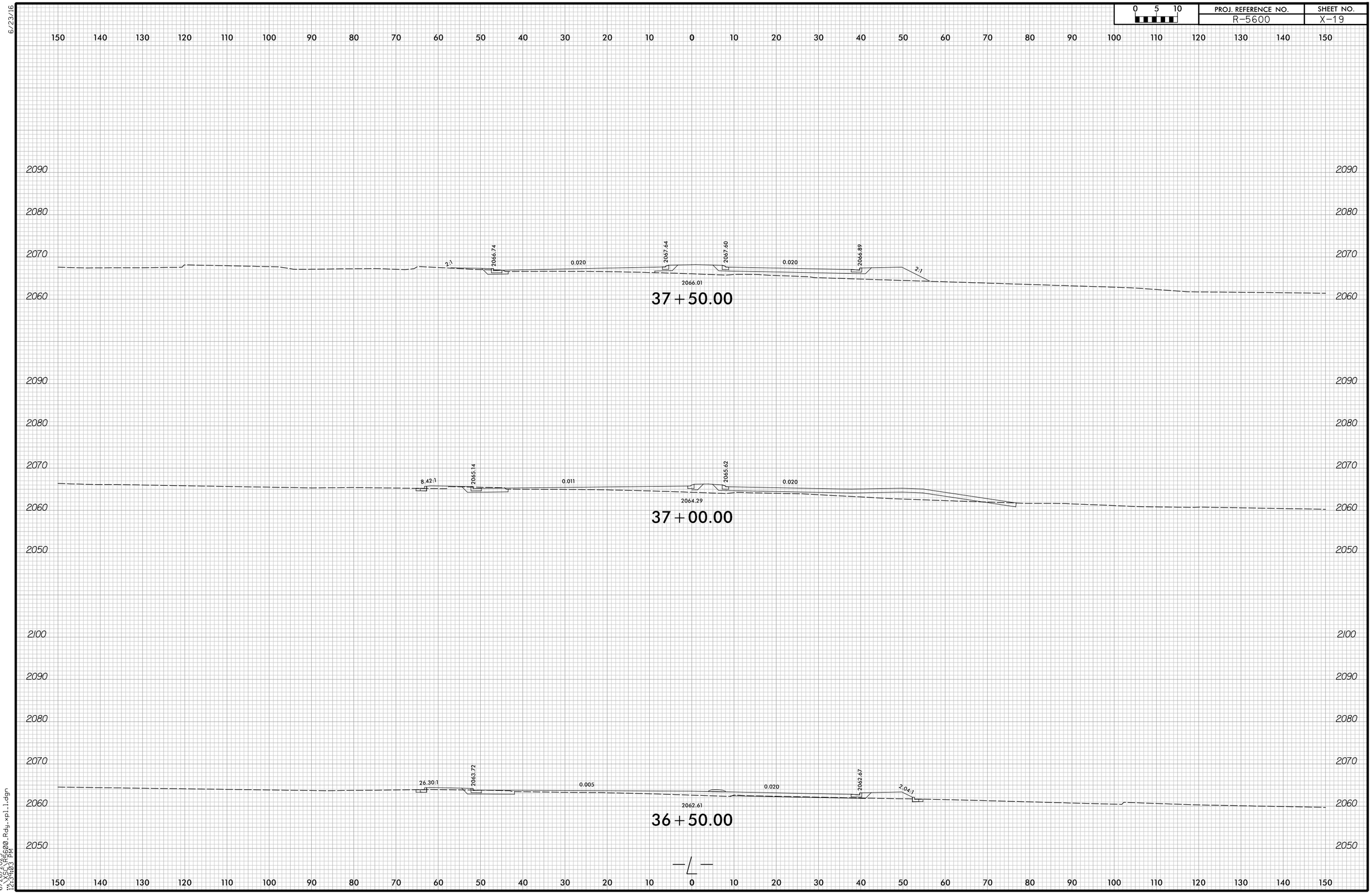
PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-19



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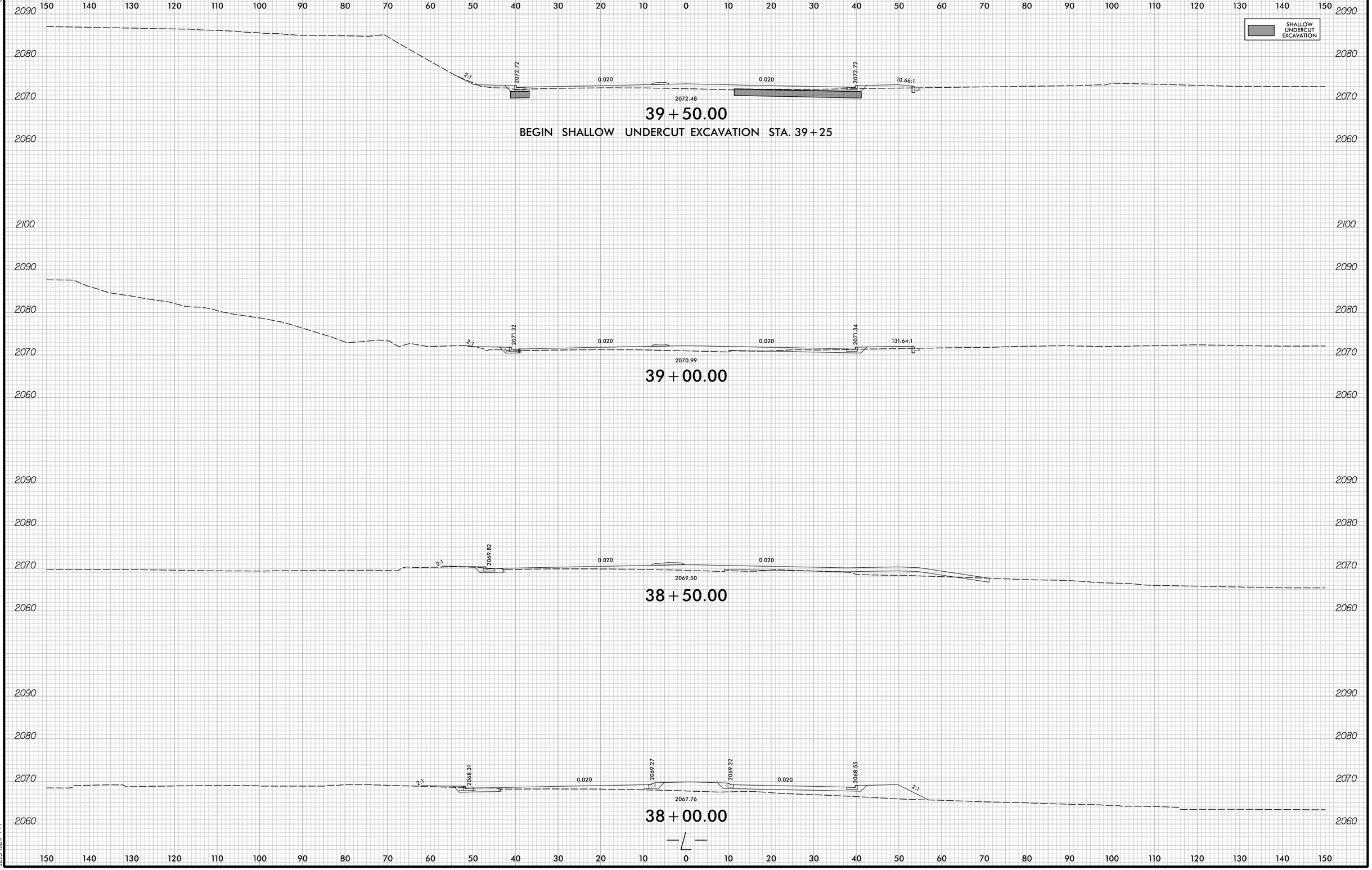
PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-20



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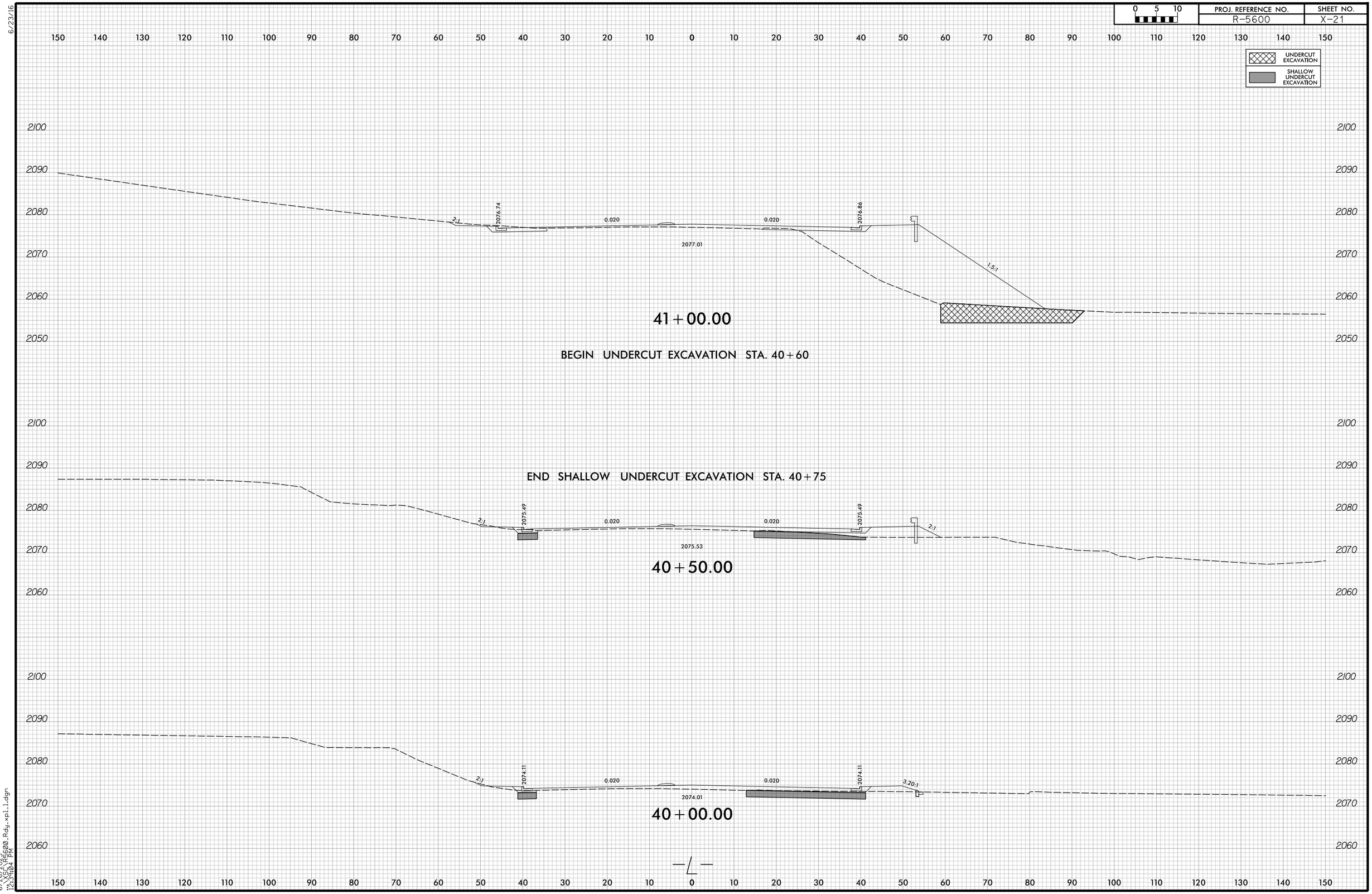

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	R-5600	X-22

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UNDERCUT EXCAVATION

2120
2110
2100
2090
2080
2070
2060
2050

2:1

2078.65

0.020

0.020

INTERSECTION SHEAR -Y6-

2078.87

42+00.00

INTERSECTION SHEAR -Y7-

END UNDERCUT EXCAVATION STA. 41+70

2078.12

2077.99

1.6:1

41+50.00

2120
2110
2100
2090
2080
2070
2060
2050

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

6/25/2025
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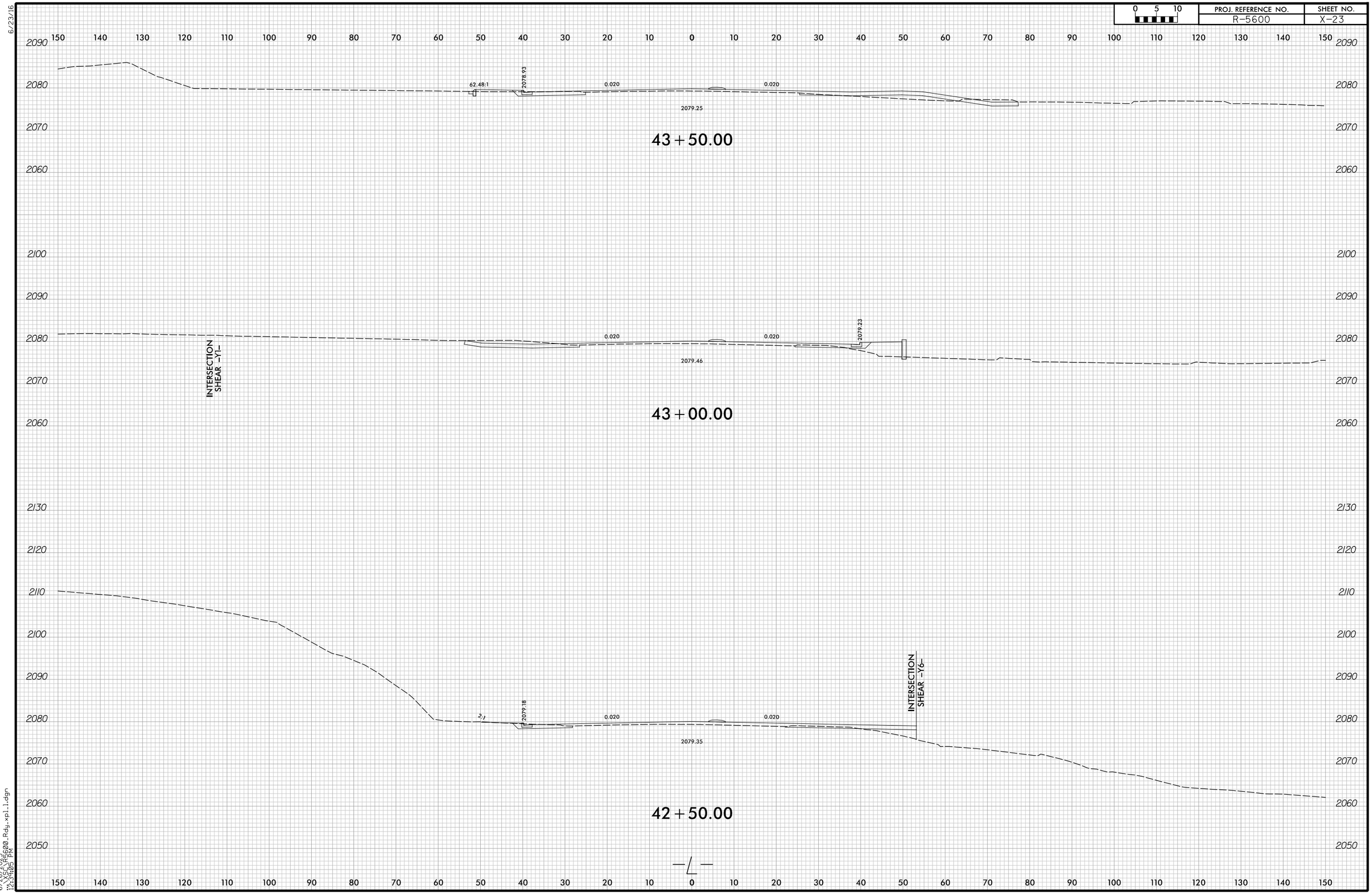

6/23/16

6/26/2025
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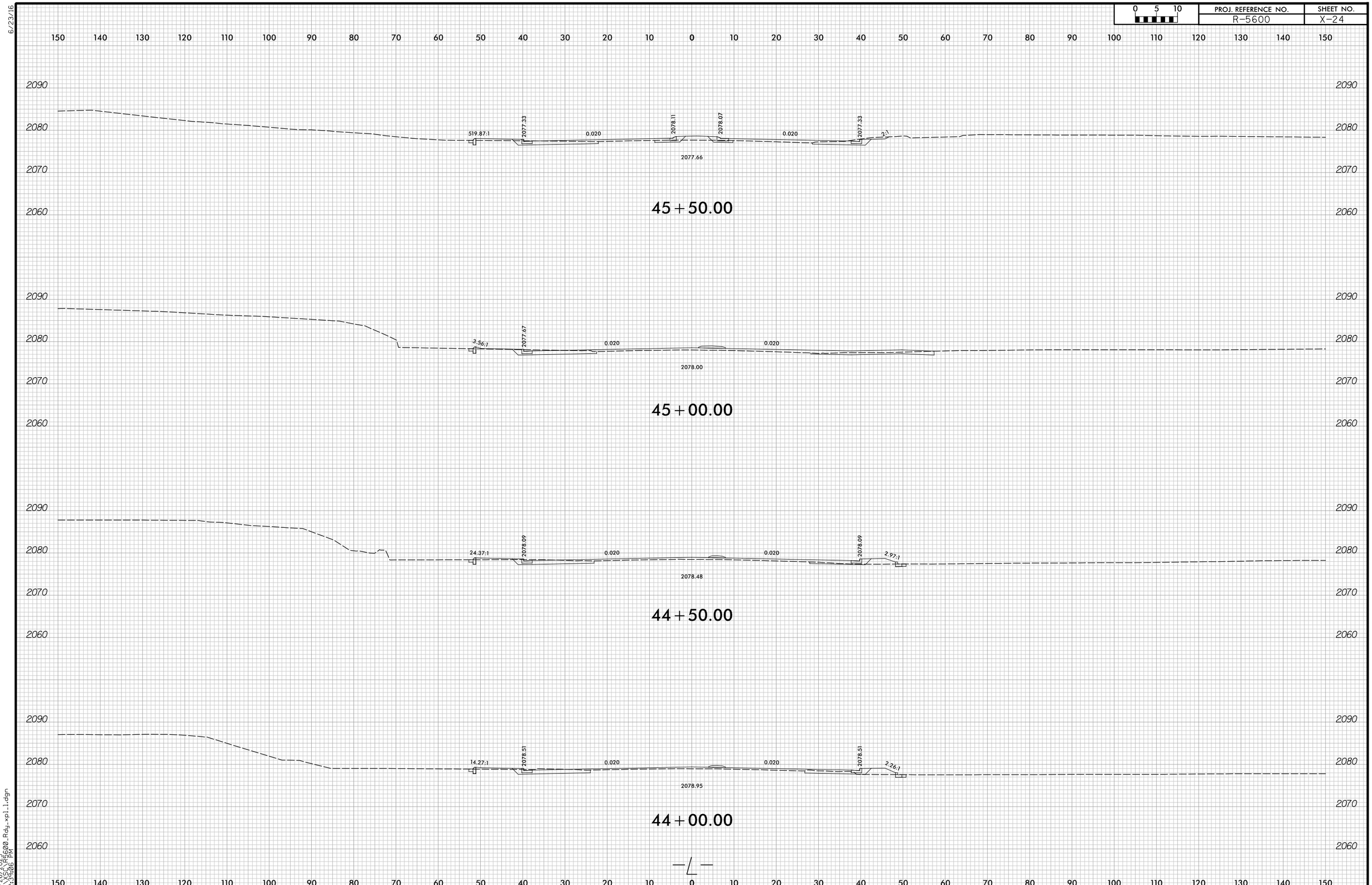
R-5600	X-24



6/23/16

6/26/2025
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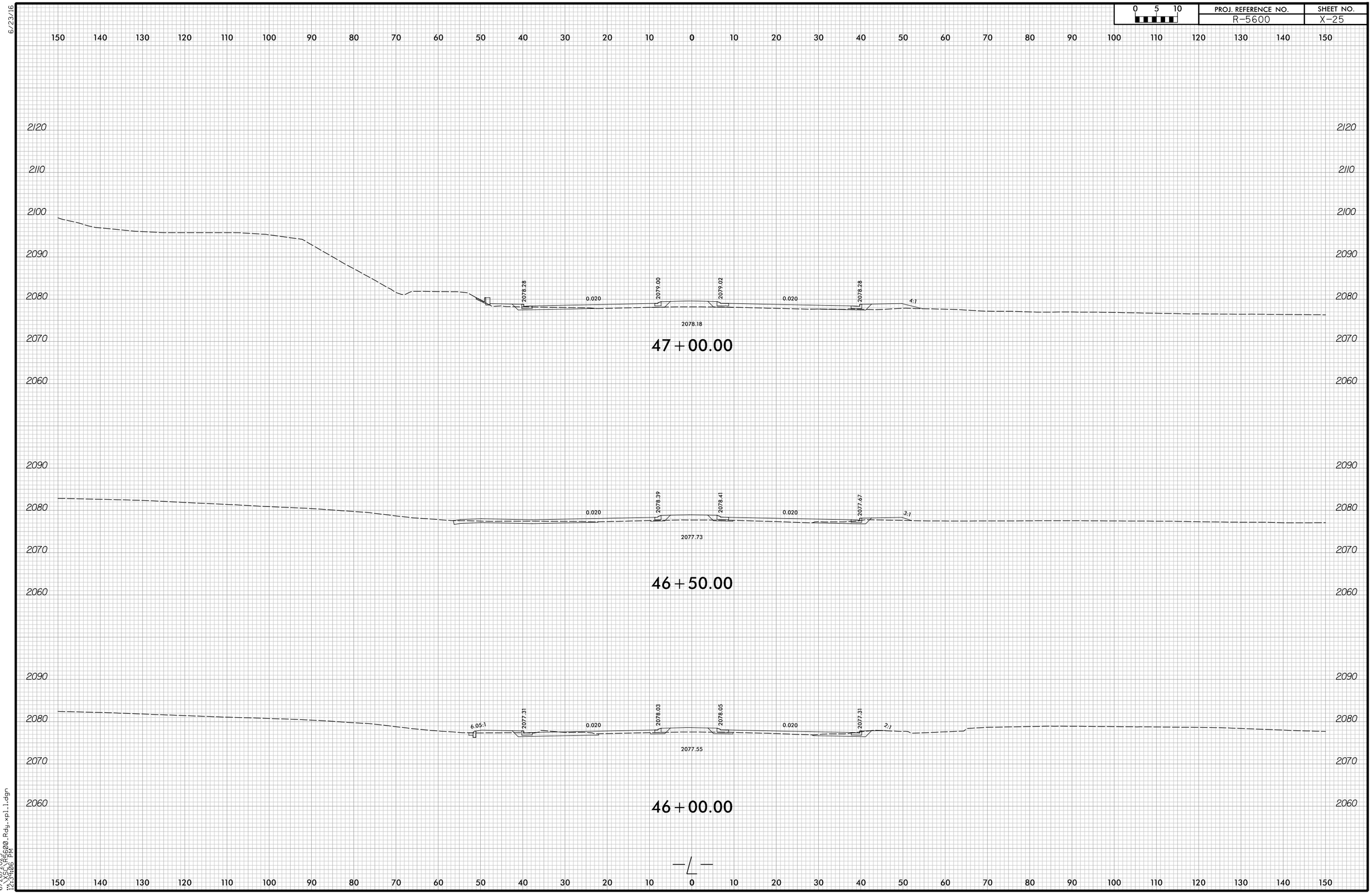
PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-25



6/23/16

6/26/2025
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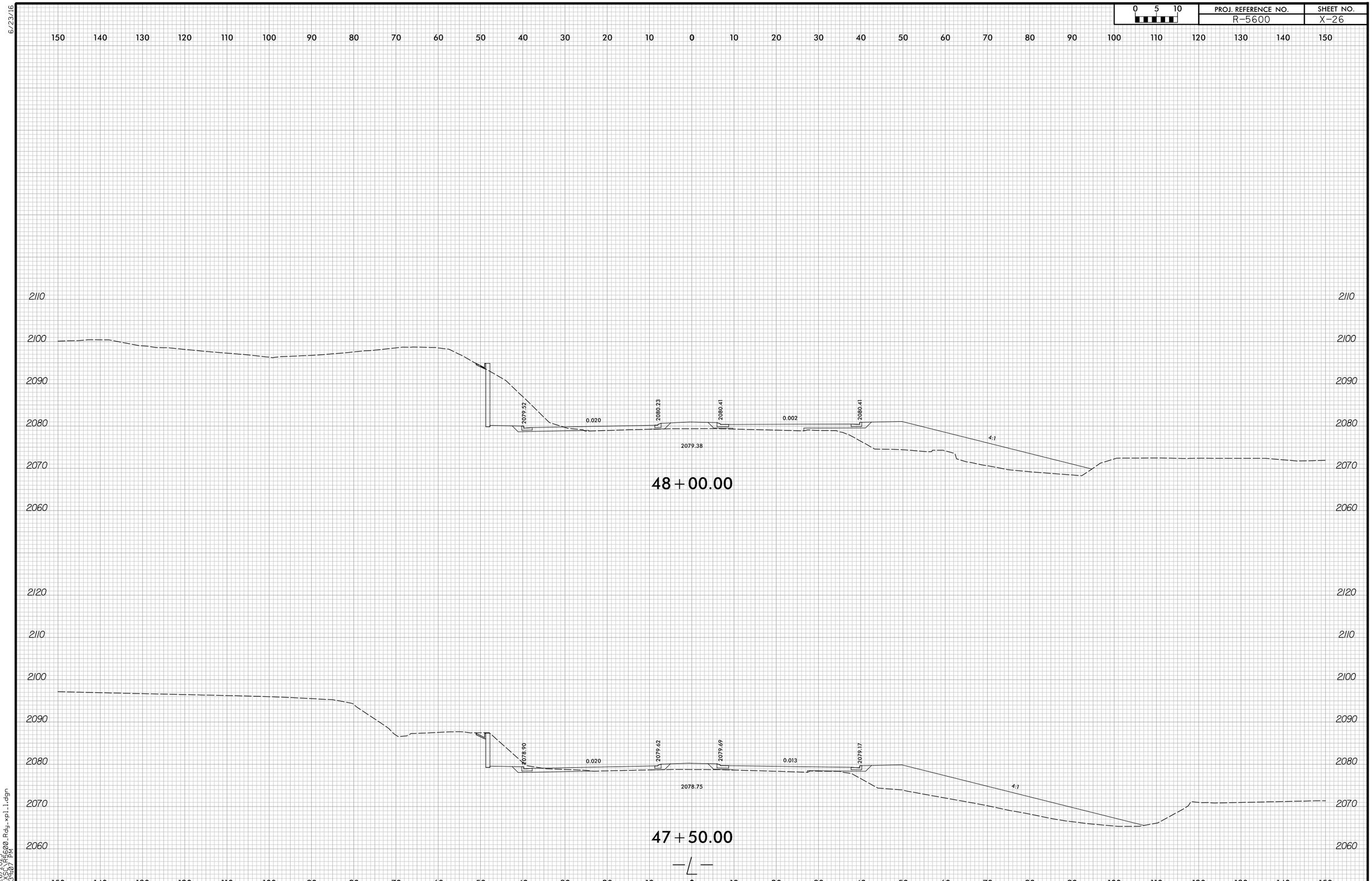
PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-26



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6/26/2025
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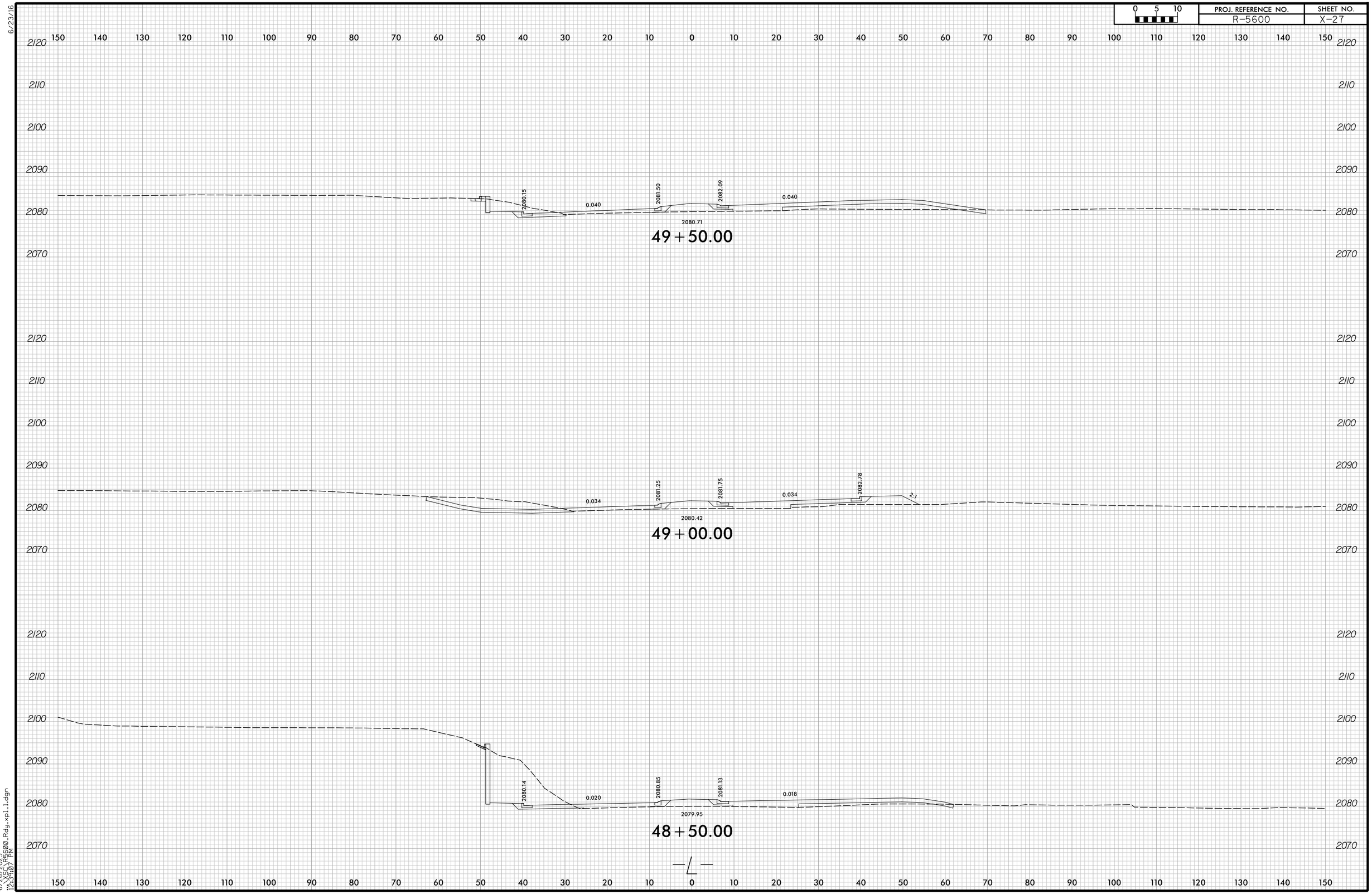

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6/26/2025
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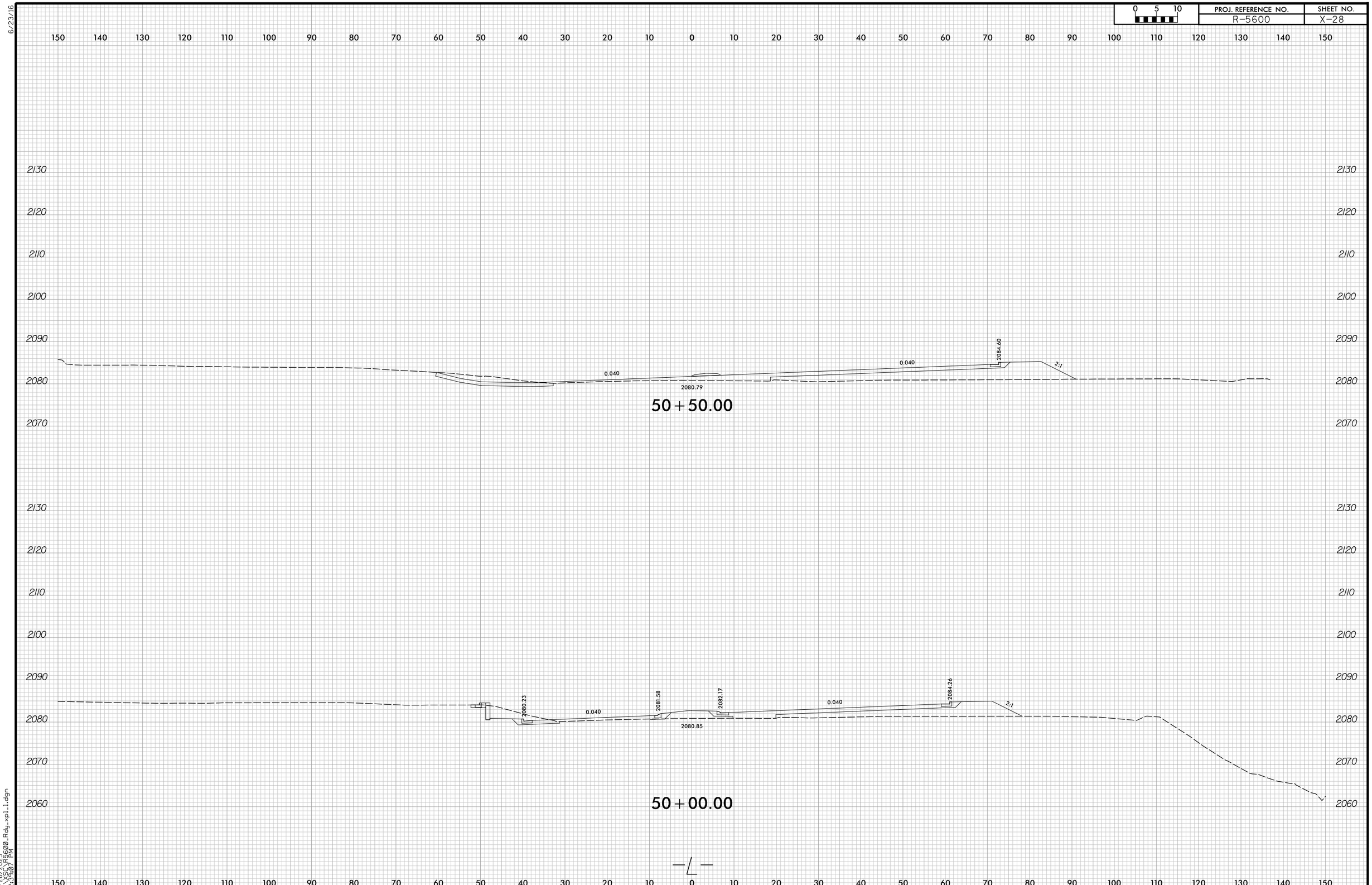
PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-28



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6/26/2025
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6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-29

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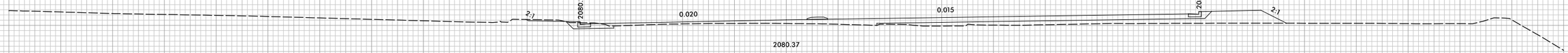
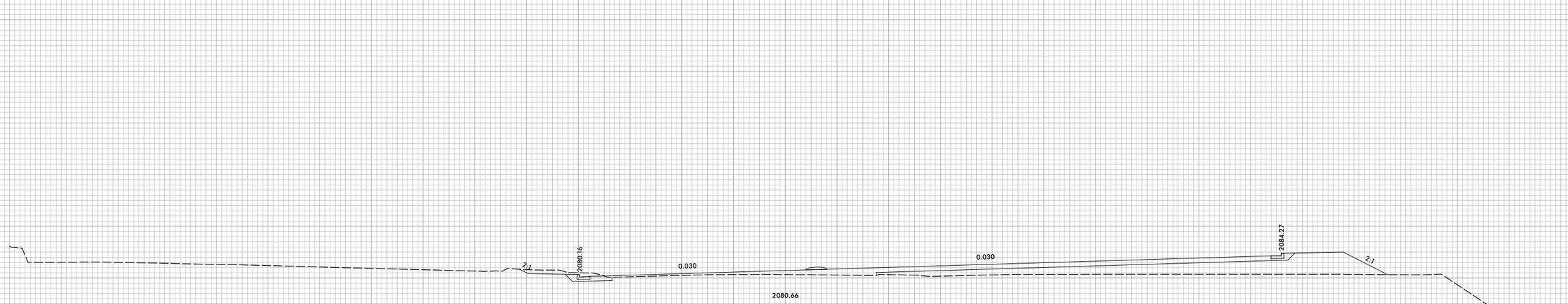
2130
2120
2110
2100
2090
2080
2070
2060



51+50.00



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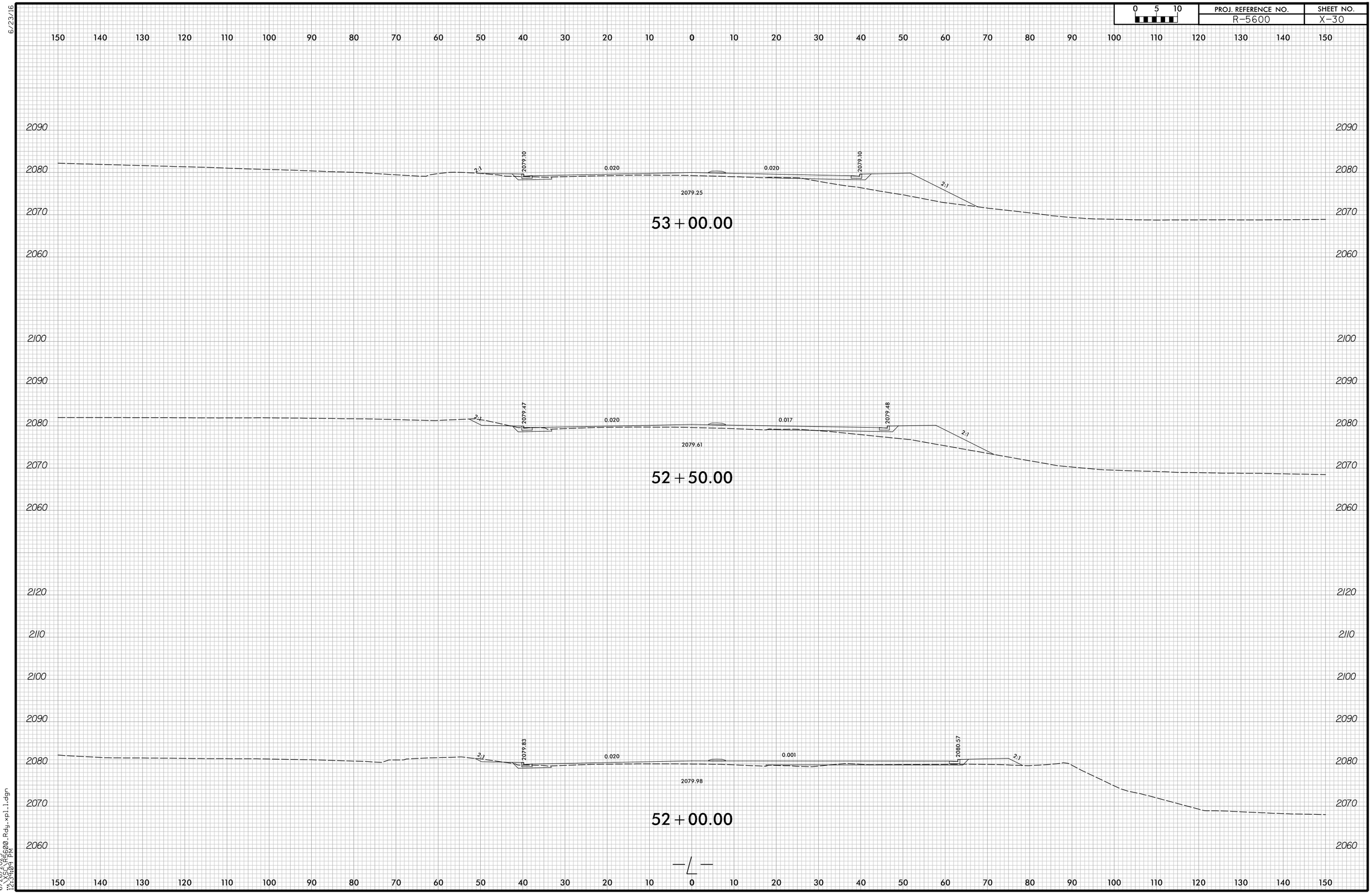

6/23/16

6/26/2025
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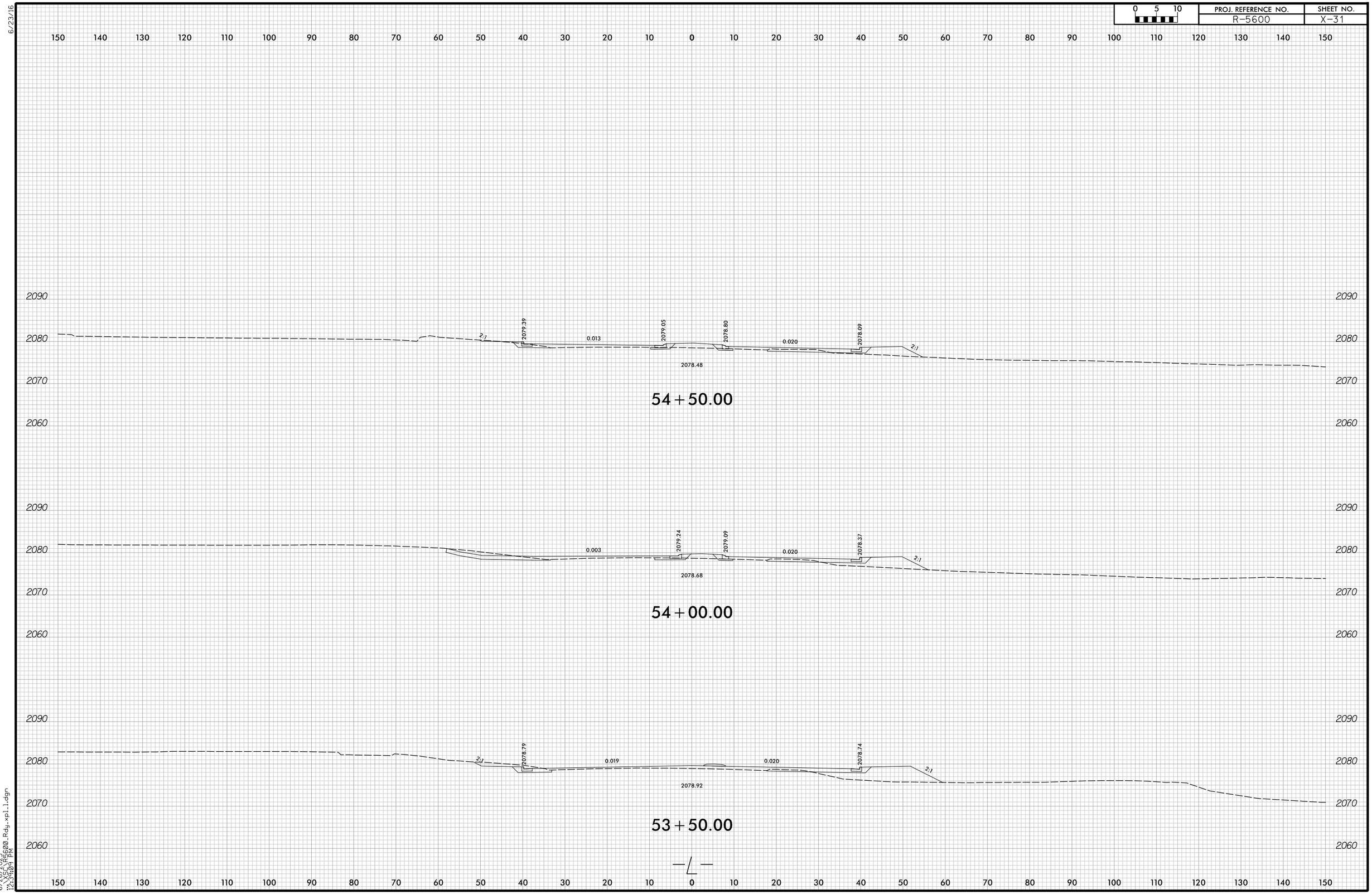
PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-31



6/23/16

6/26/2025
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12:39:09 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-32

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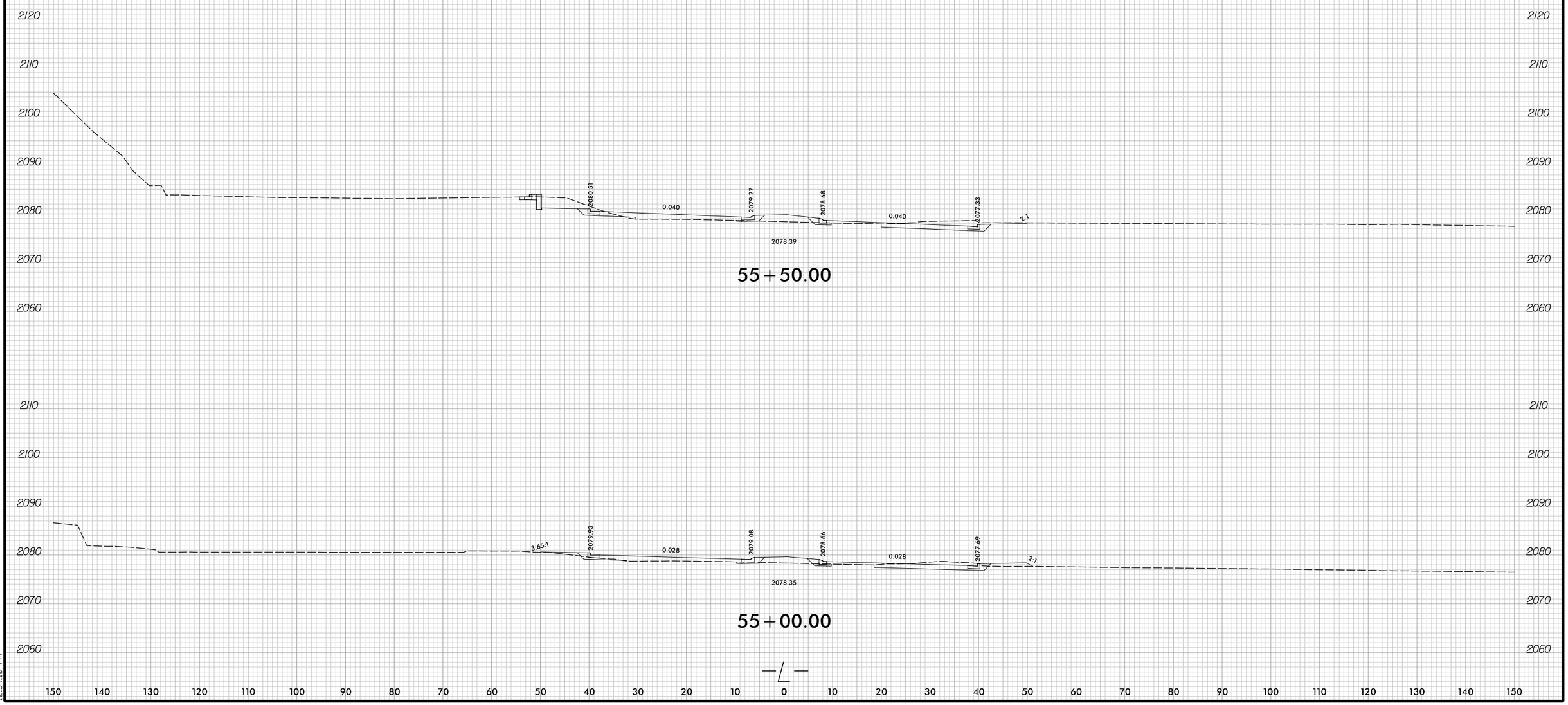
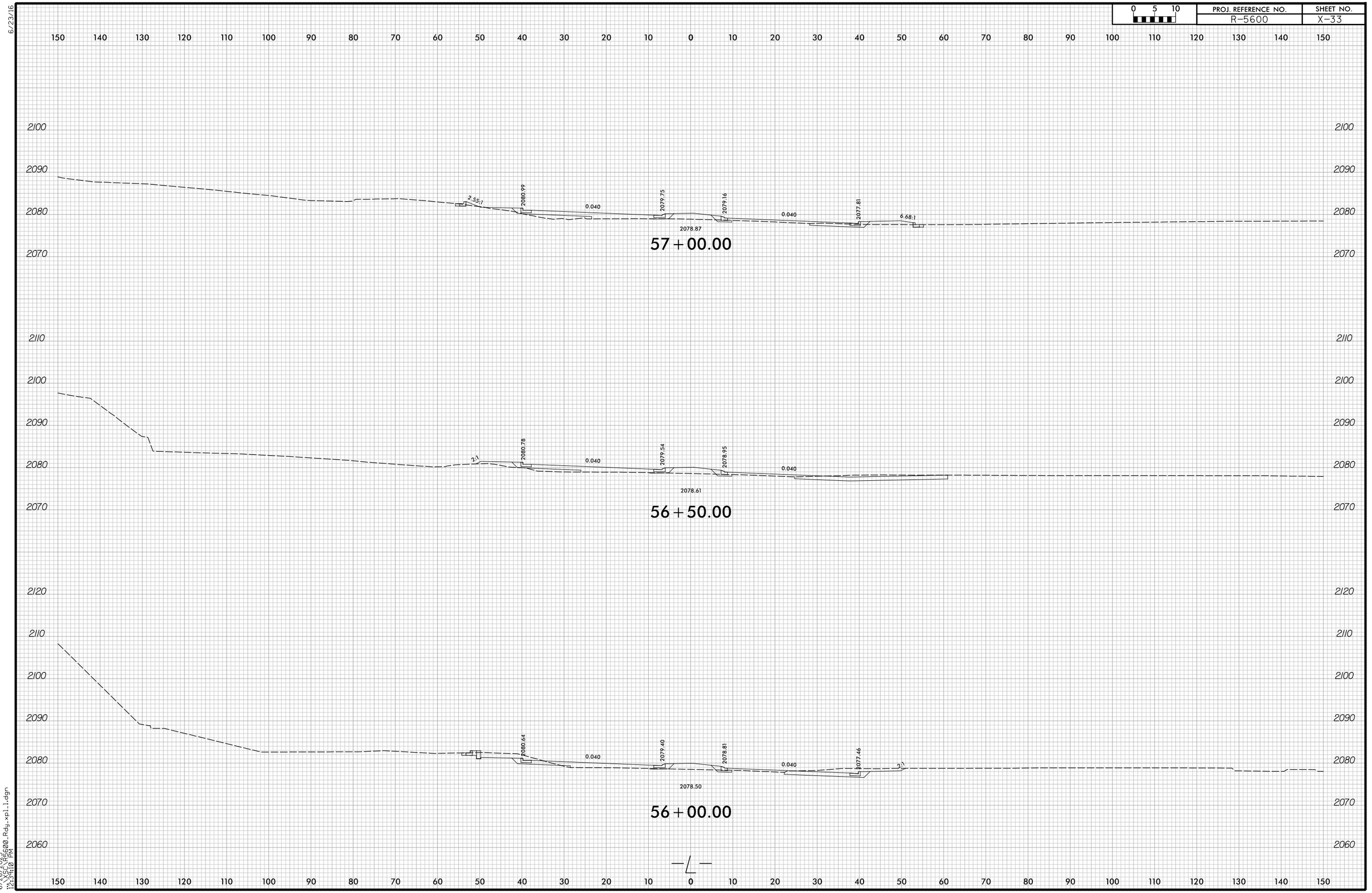


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

6/25/2025
12:39:10 PM
R5600_Rdy_xpl1.dgn

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-33



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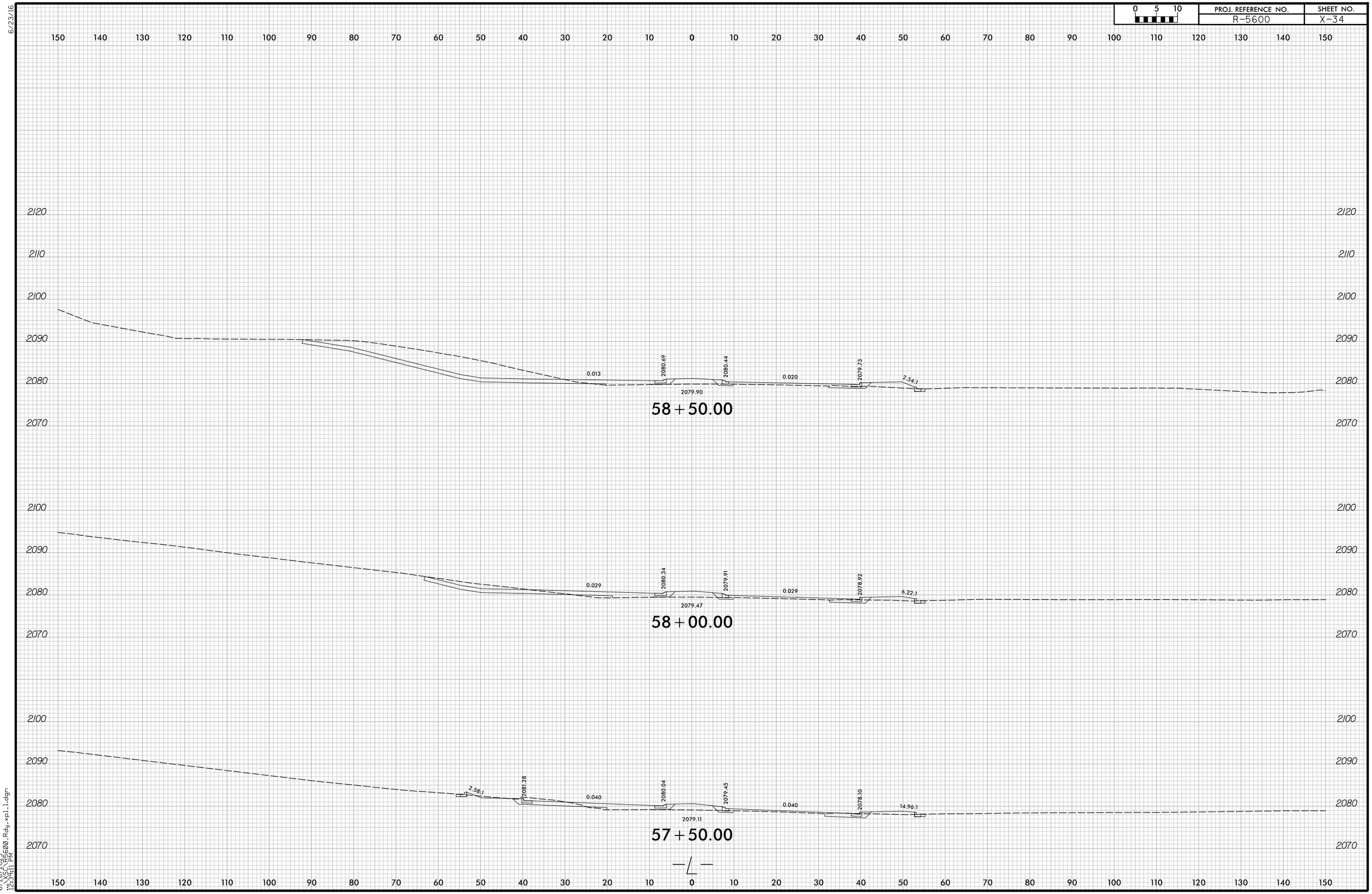
PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-34



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6/26/2025
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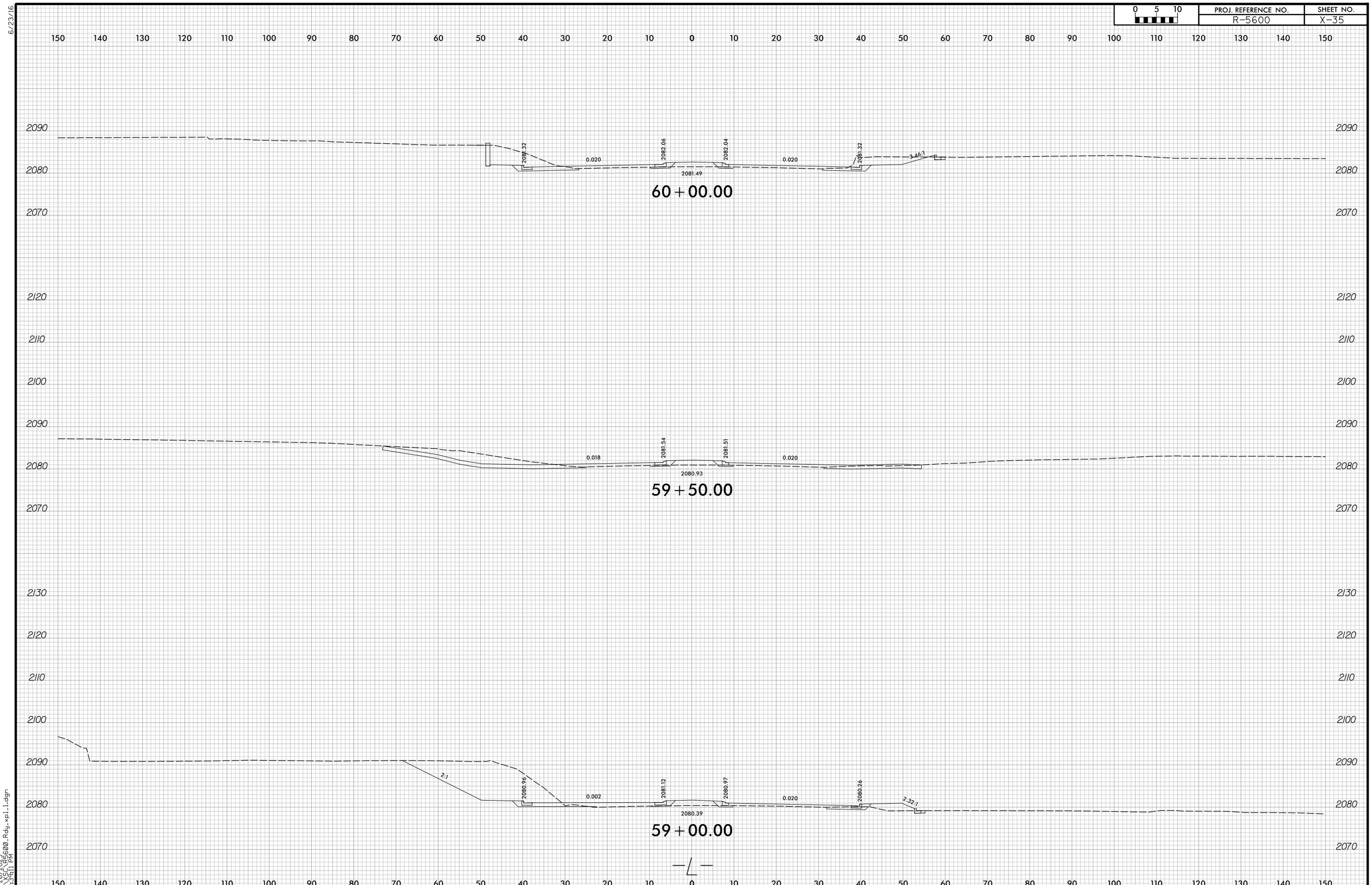

6/23/16

6/26/2025
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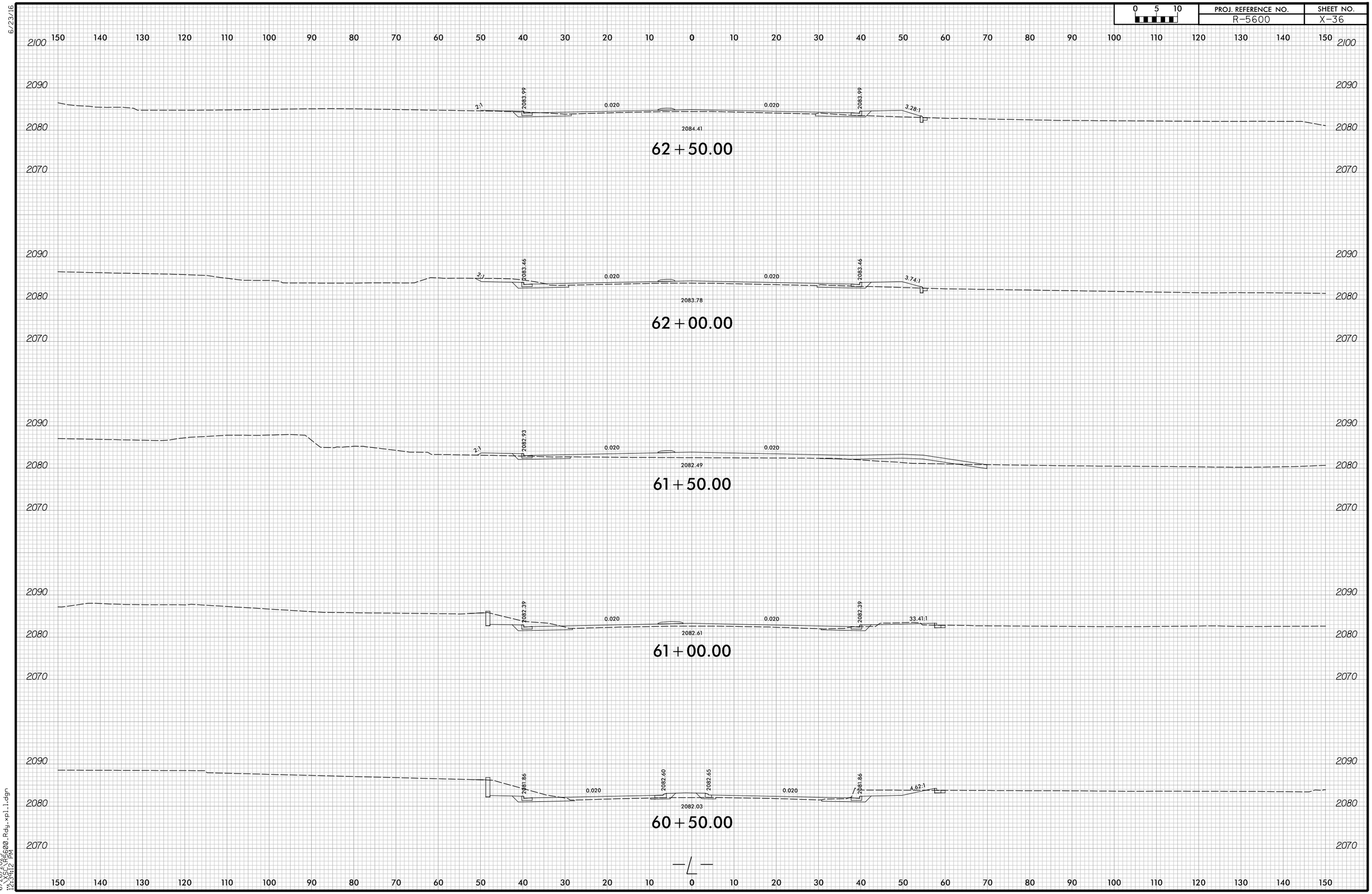
12:39:11 PM



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6/26/2025
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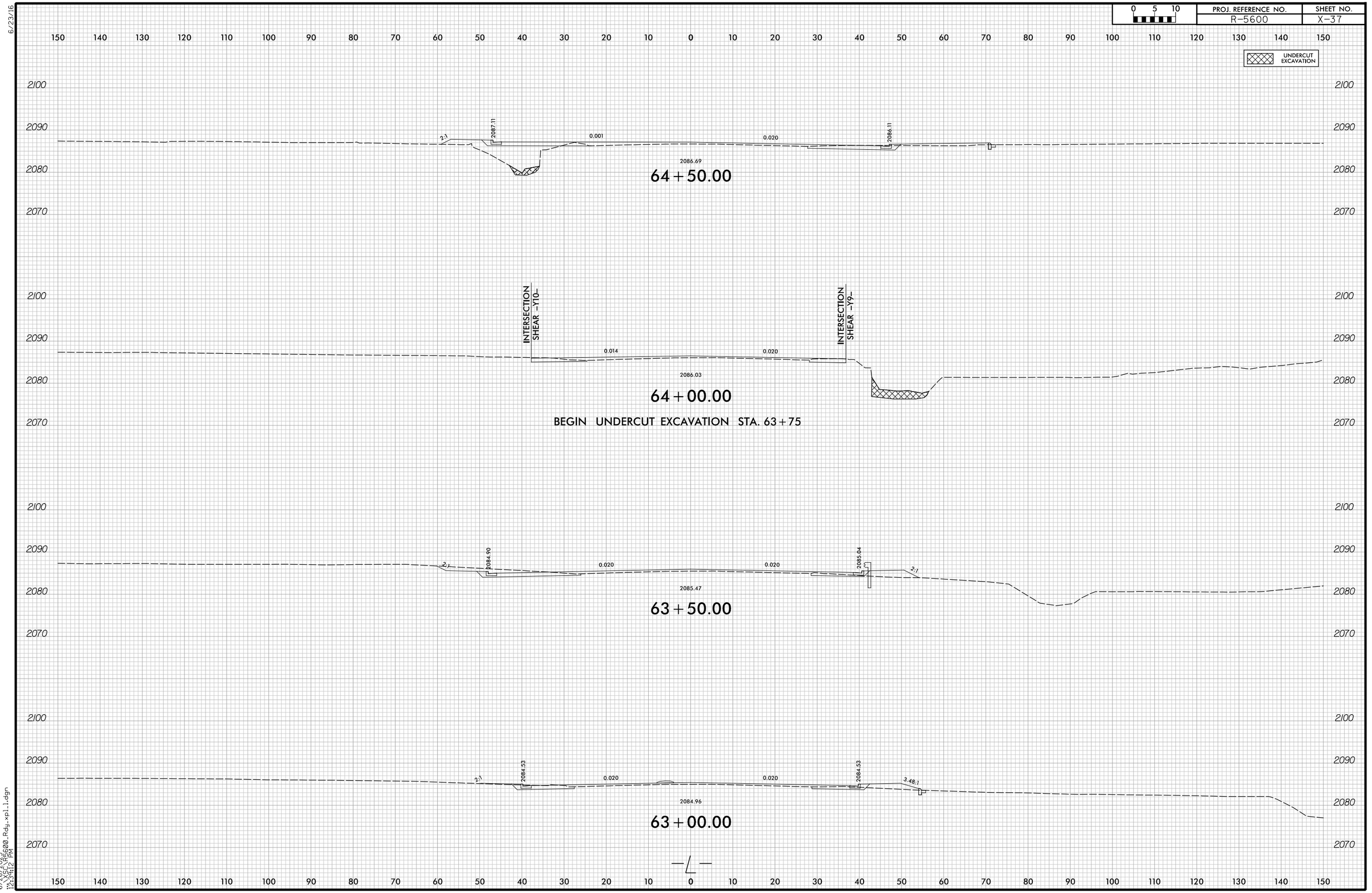
12:39:12 PM



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6/26/2025
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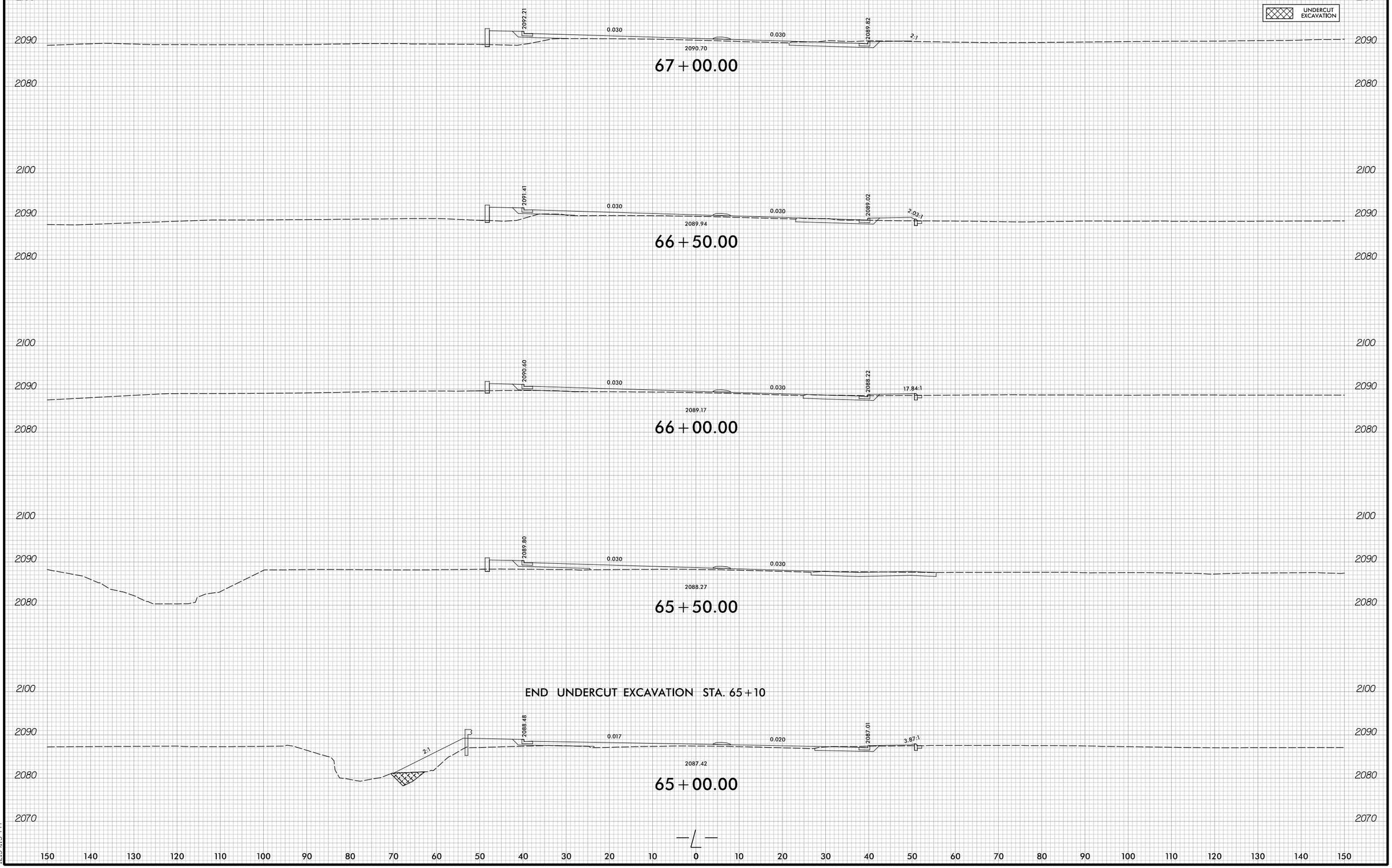
6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-38

UNDERCUT EXCAVATION



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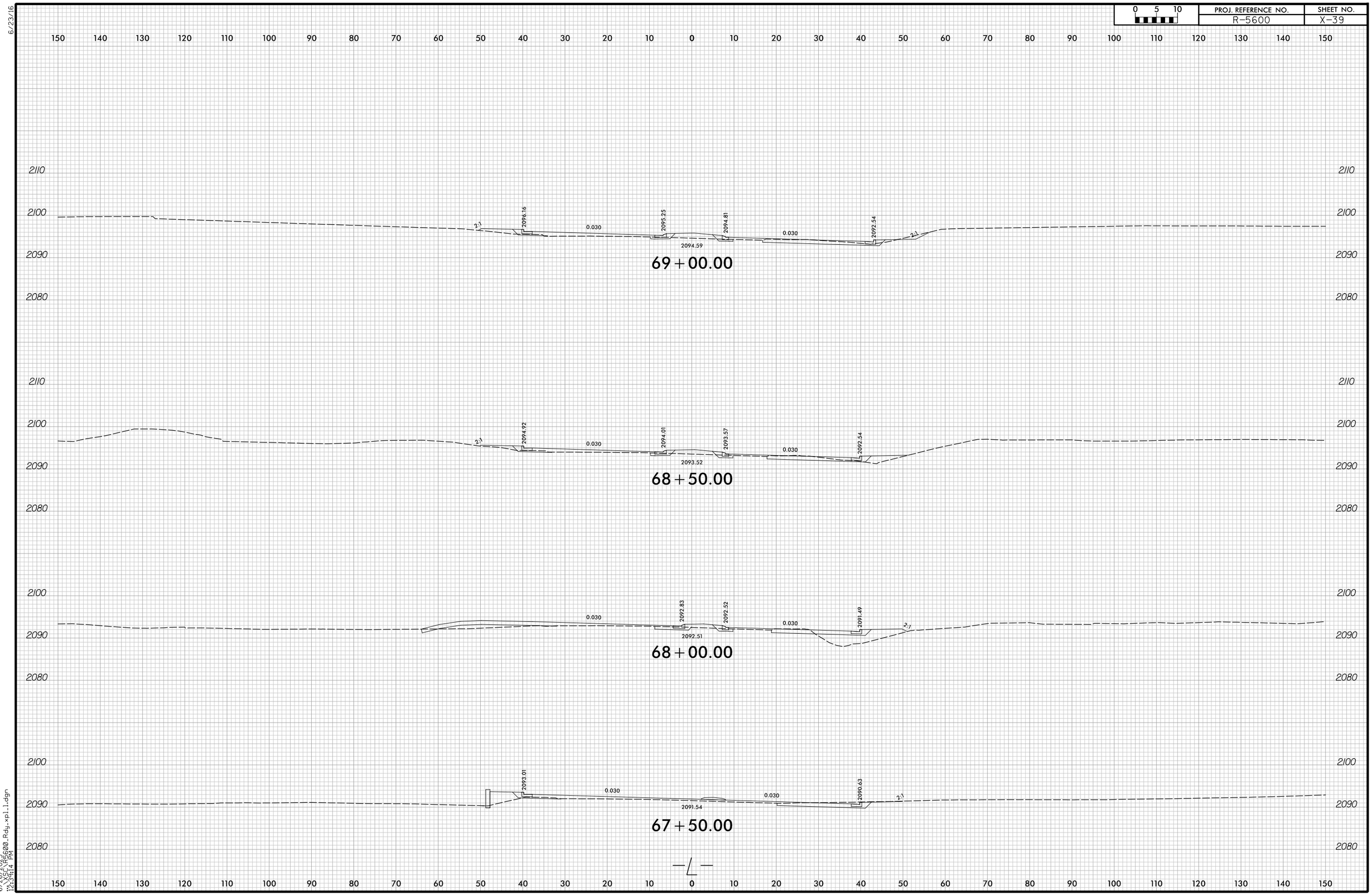
12:39:13 PM



6/23/16

6/26/2025
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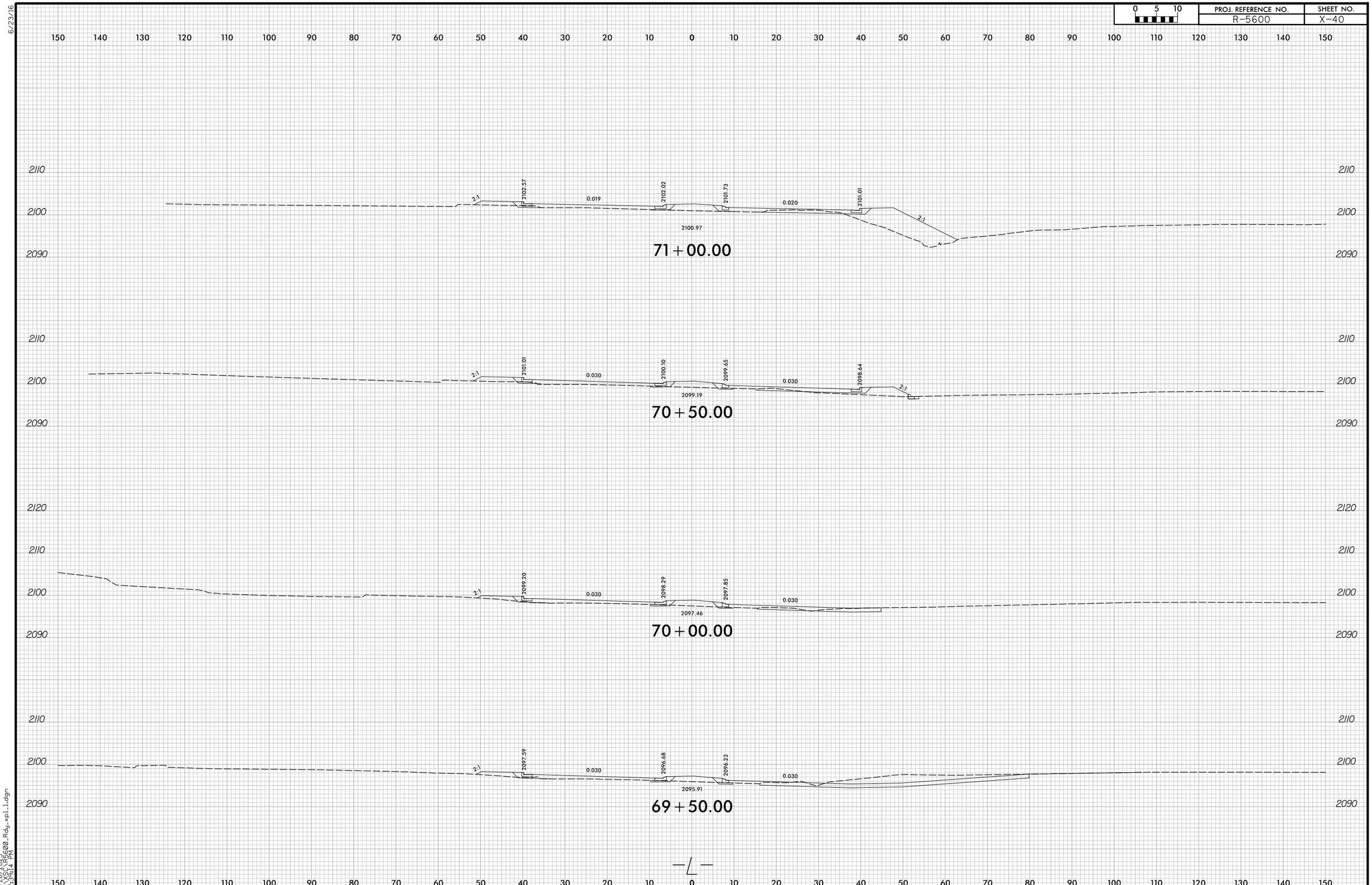
12:39:14 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-40



6/23/16

6/26/2025
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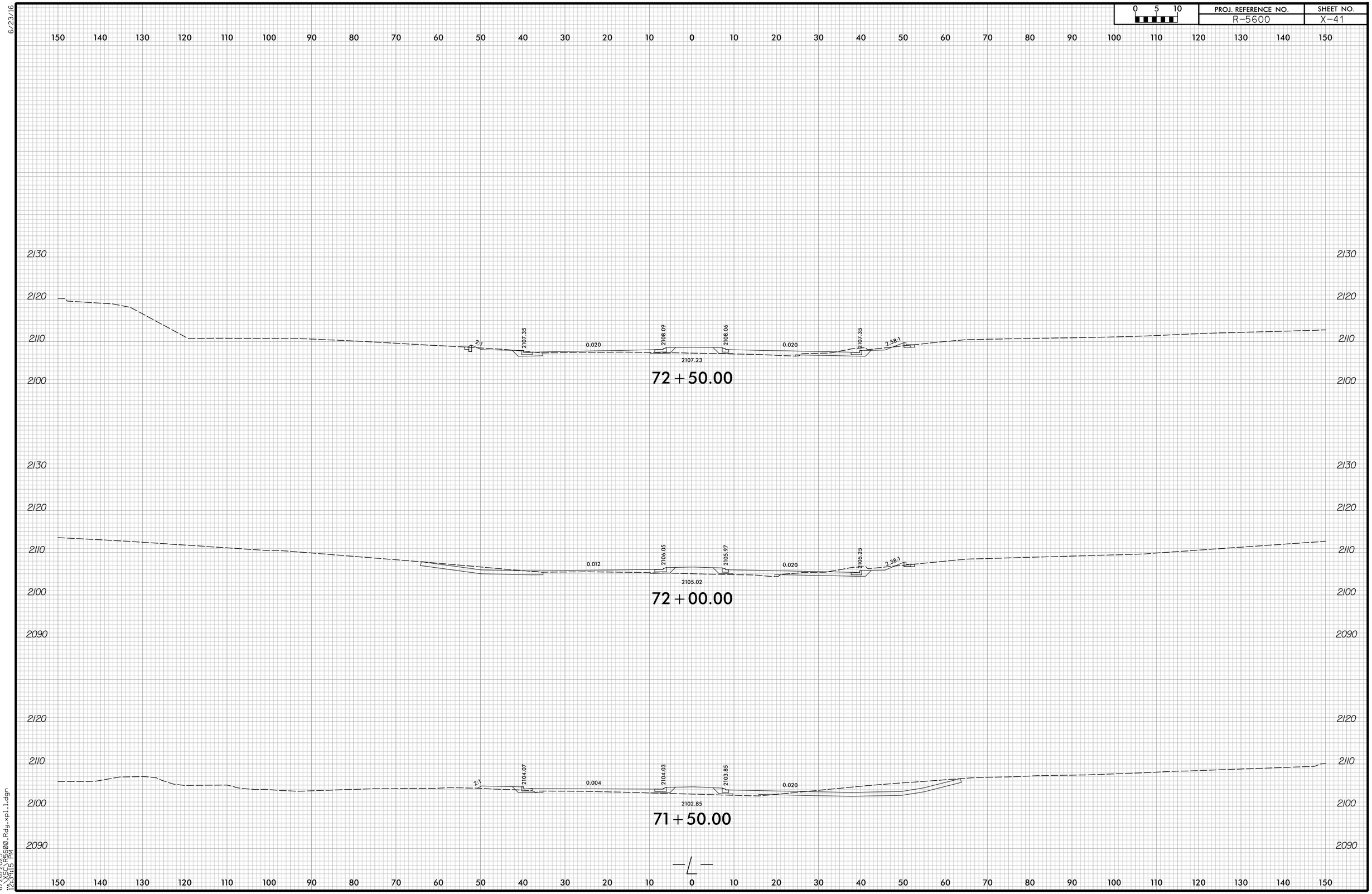
12:39:14 PM



6/23/16

6/26/2025
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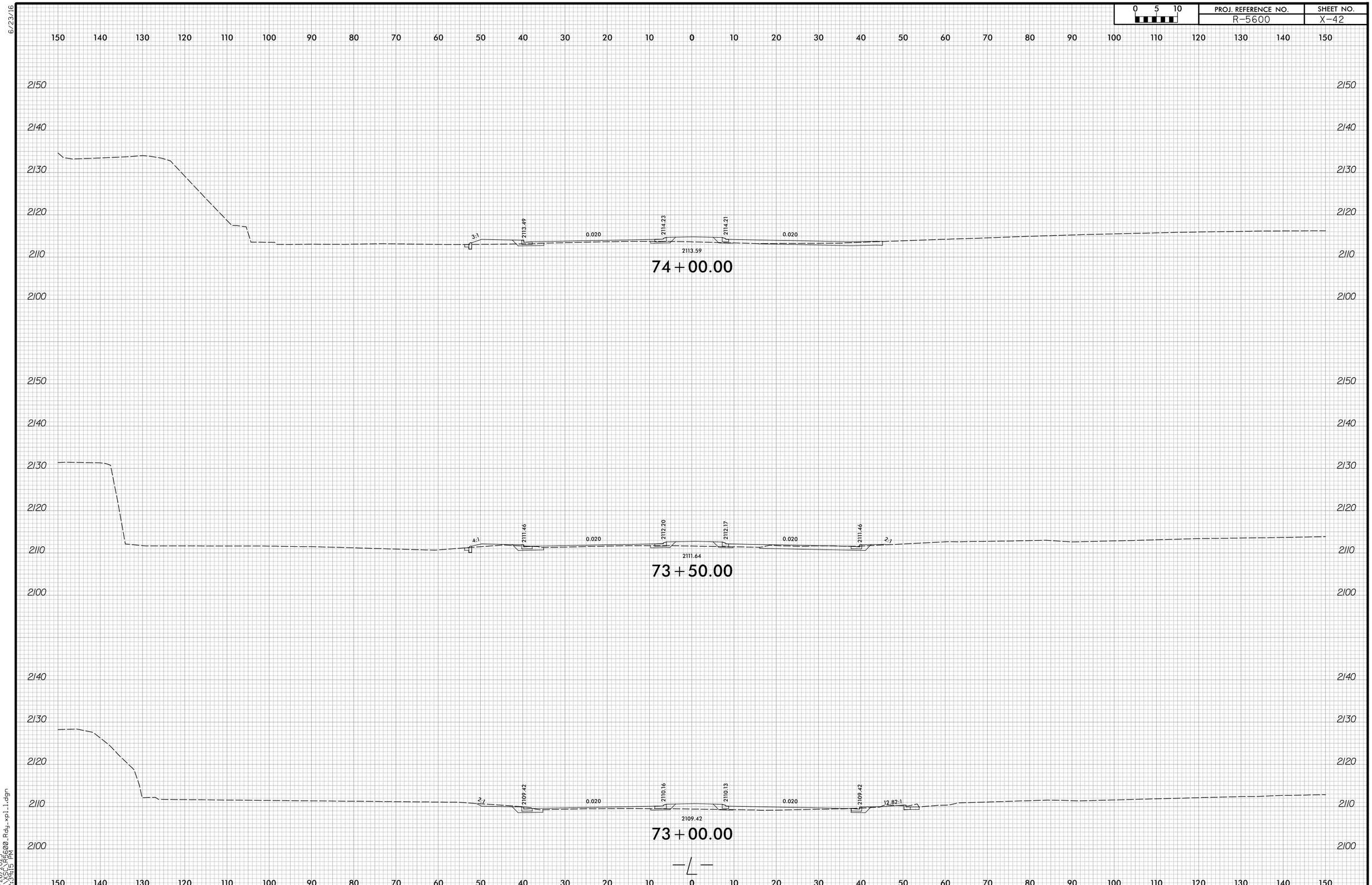
12:39:15 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-42



6/23/16

6/26/2025
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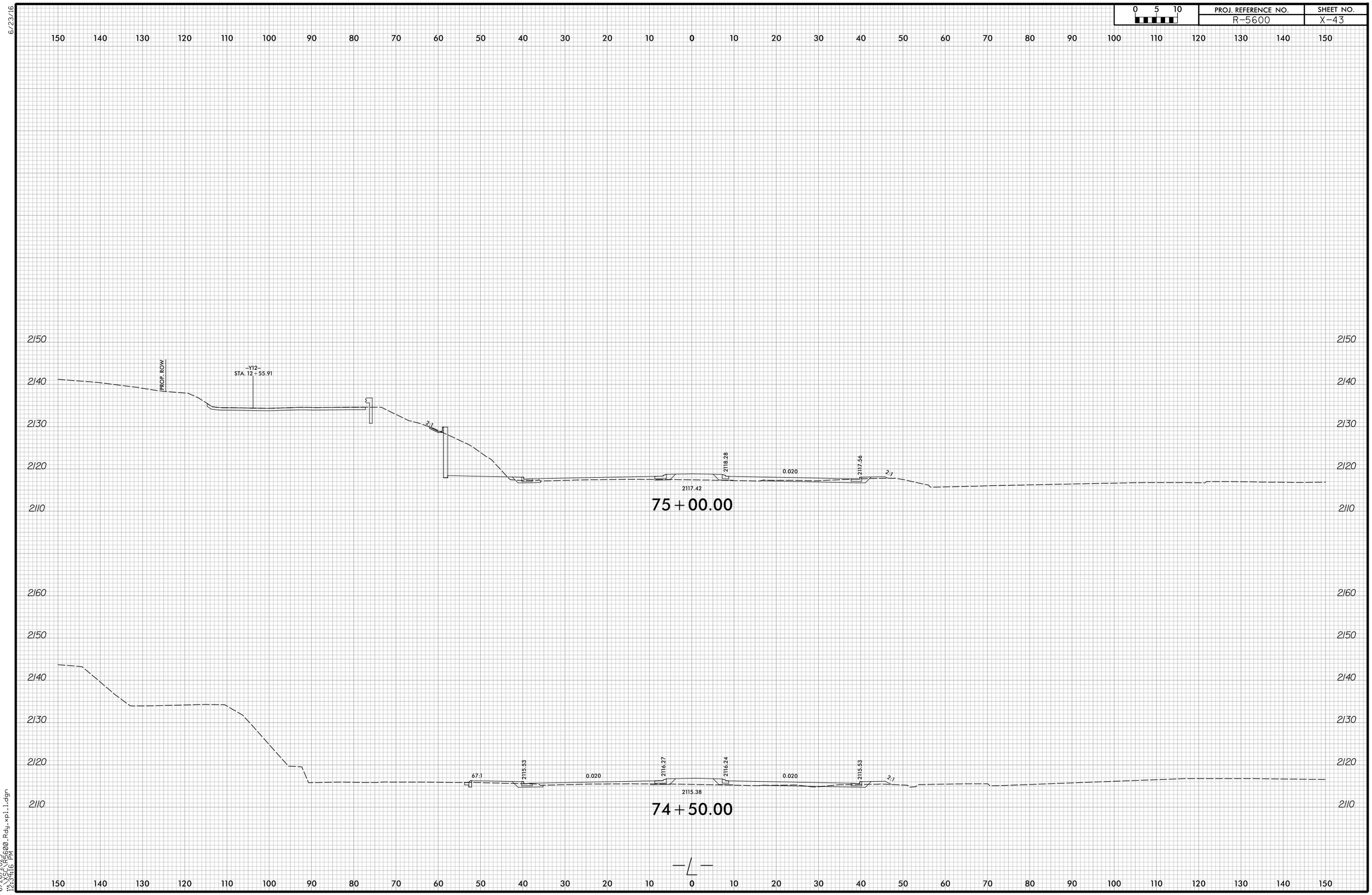
12:39:15 PM



6/23/16

6/26/2025
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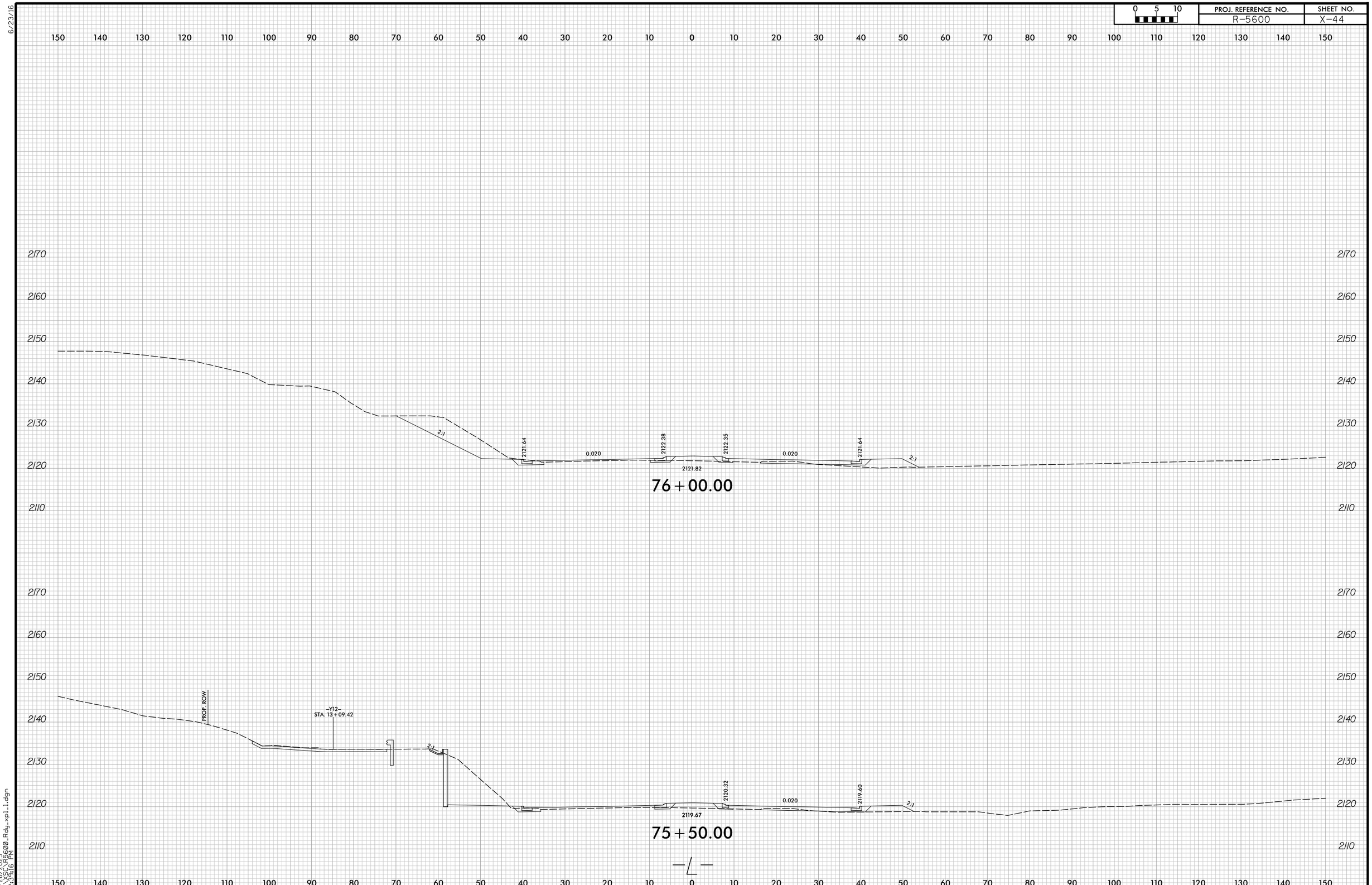
12:39:16 PM



6/23/16

6/26/2025
..\XSC\R5600_Rdy_xpl_1.dgn
12:39:16 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-45

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

2160 2150 2140 2130 2120

2:1 2128.65 0.020 2128.00 2127.71 0.020 2126.99 2:1

2127.12

77+50.00

2160 2150 2140 2130 2120

2:1 2126.58 0.009 2126.37 2126.15 0.020 2125.44 2:1

2125.49

77+00.00

2170 2160 2150 2140 2130 2120 2110

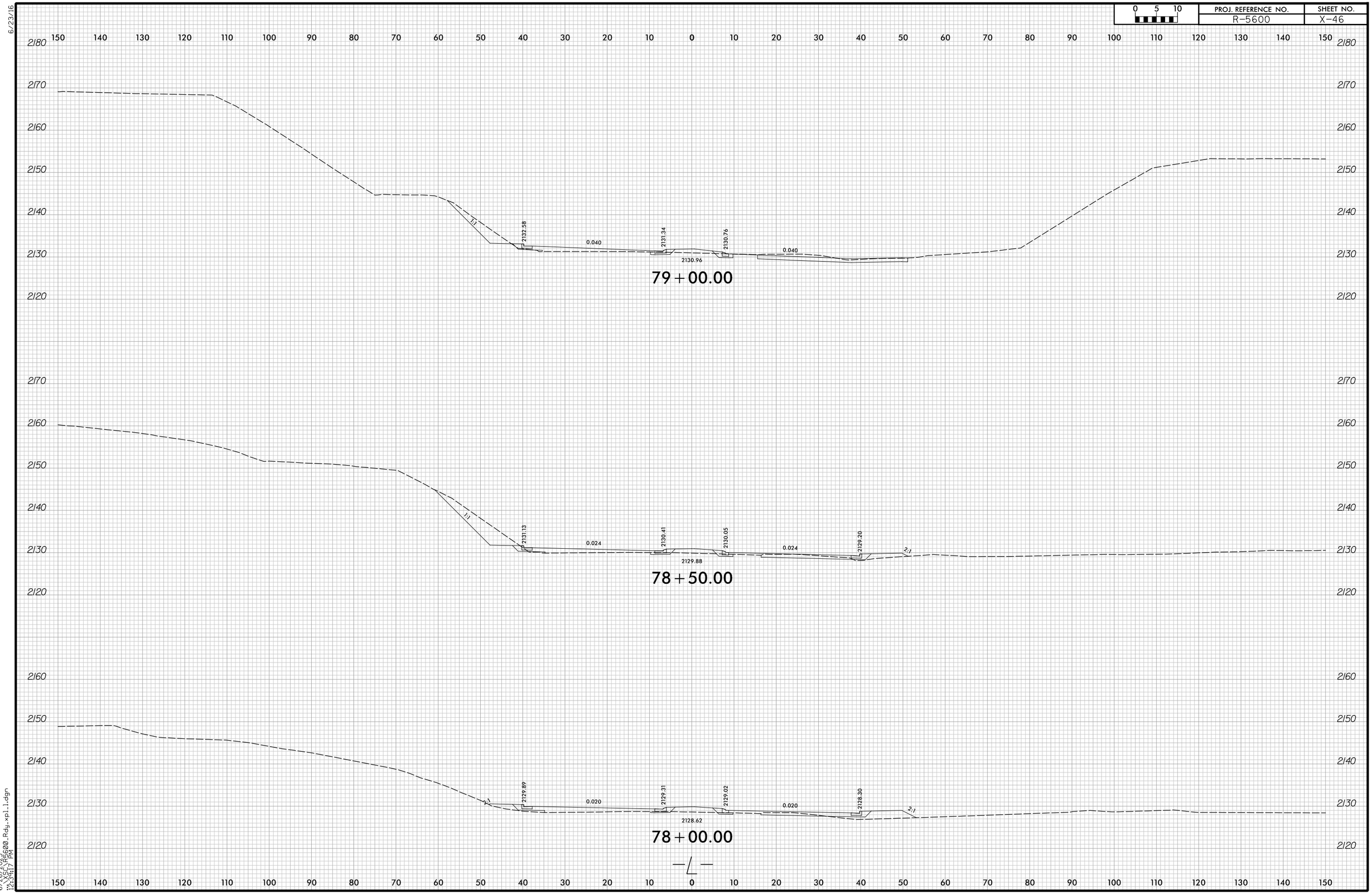
2:1 2124.17 0.007 2124.47 2124.36 0.020 2123.64 2:1

2123.78

76+50.00

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

6/26/2025
12:39:17 PM
C:\Projects\R5600_Rdy_xpl.1.dgn



6/23/16

6/26/2025
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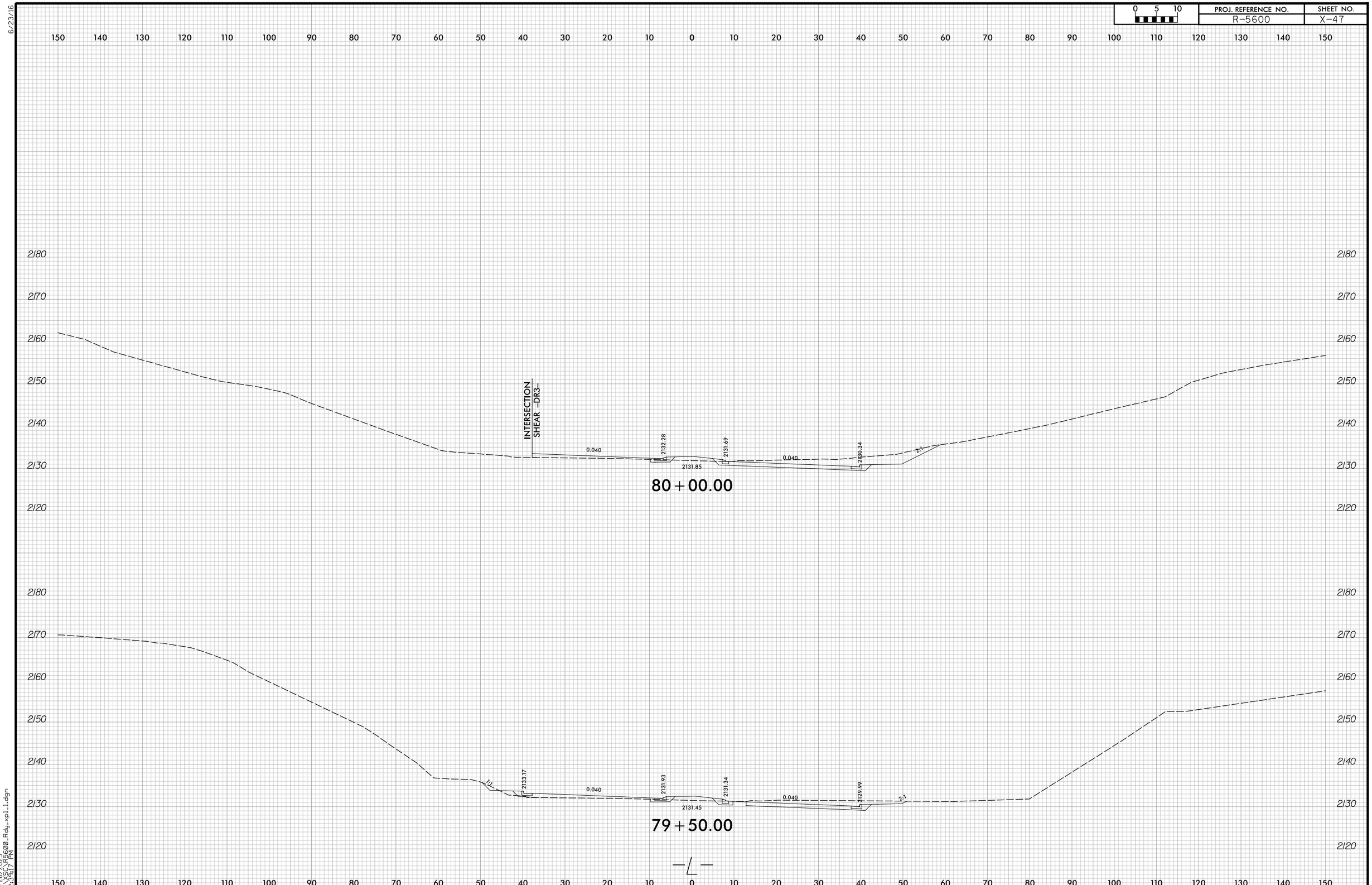
12:39:17 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-47



6/23/16

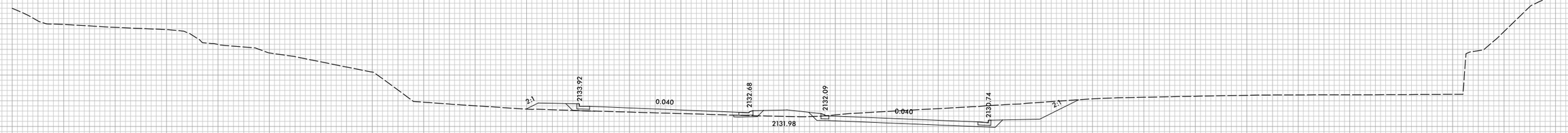
6/26/2025
...\XSC\R5600_Rdy_xpl_1.dgn
12:39:17 PM

6/23/16

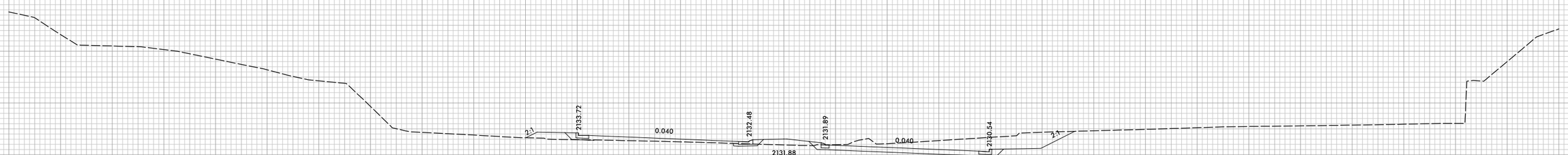
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-48

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

2180 2170 2160 2150 2140 2130 2120



81+00.00



80+50.00

2180 2170 2160 2150 2140 2130 2120

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

6/26/2025
12:34:18 PM
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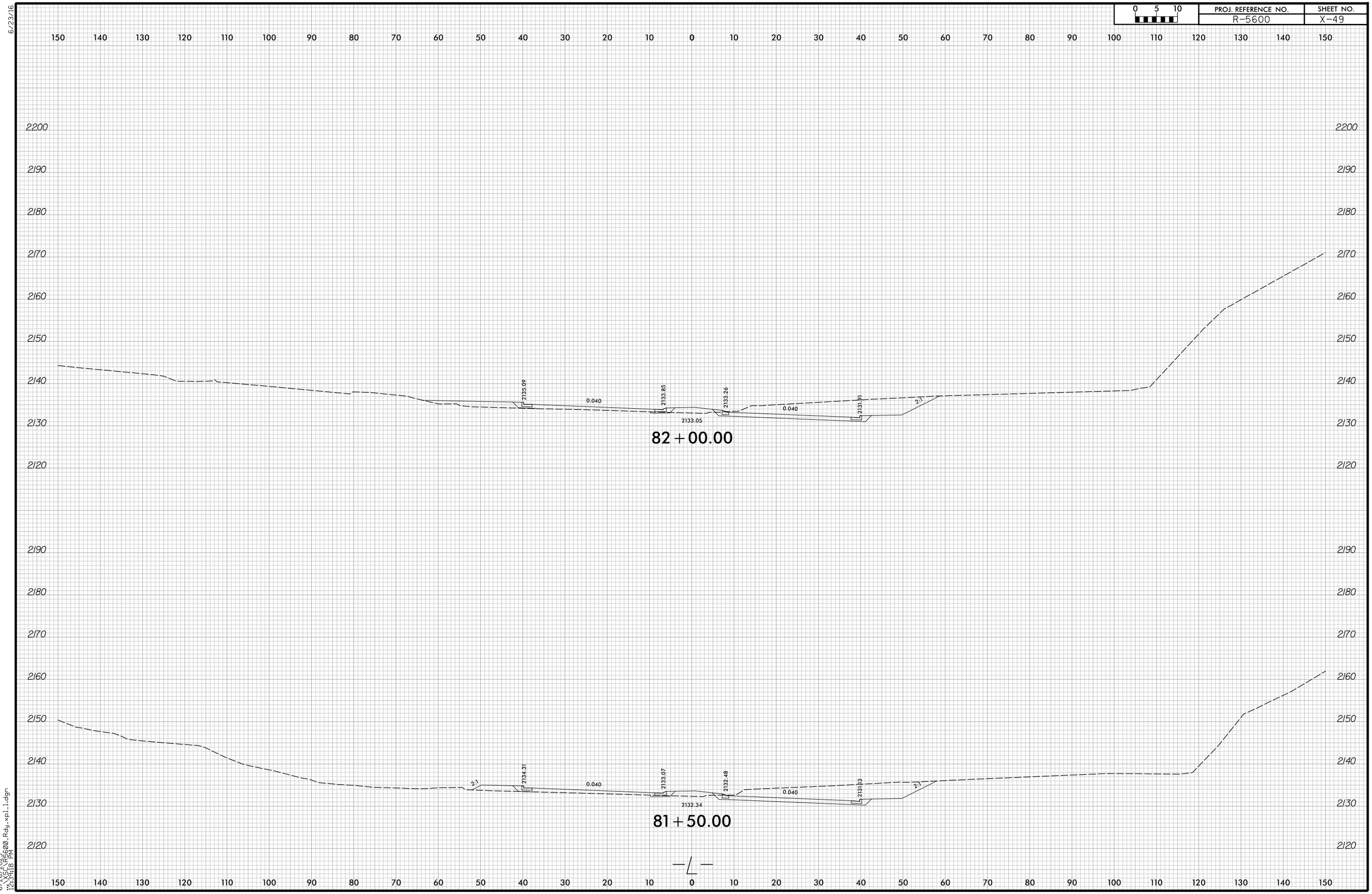

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6/26/2025
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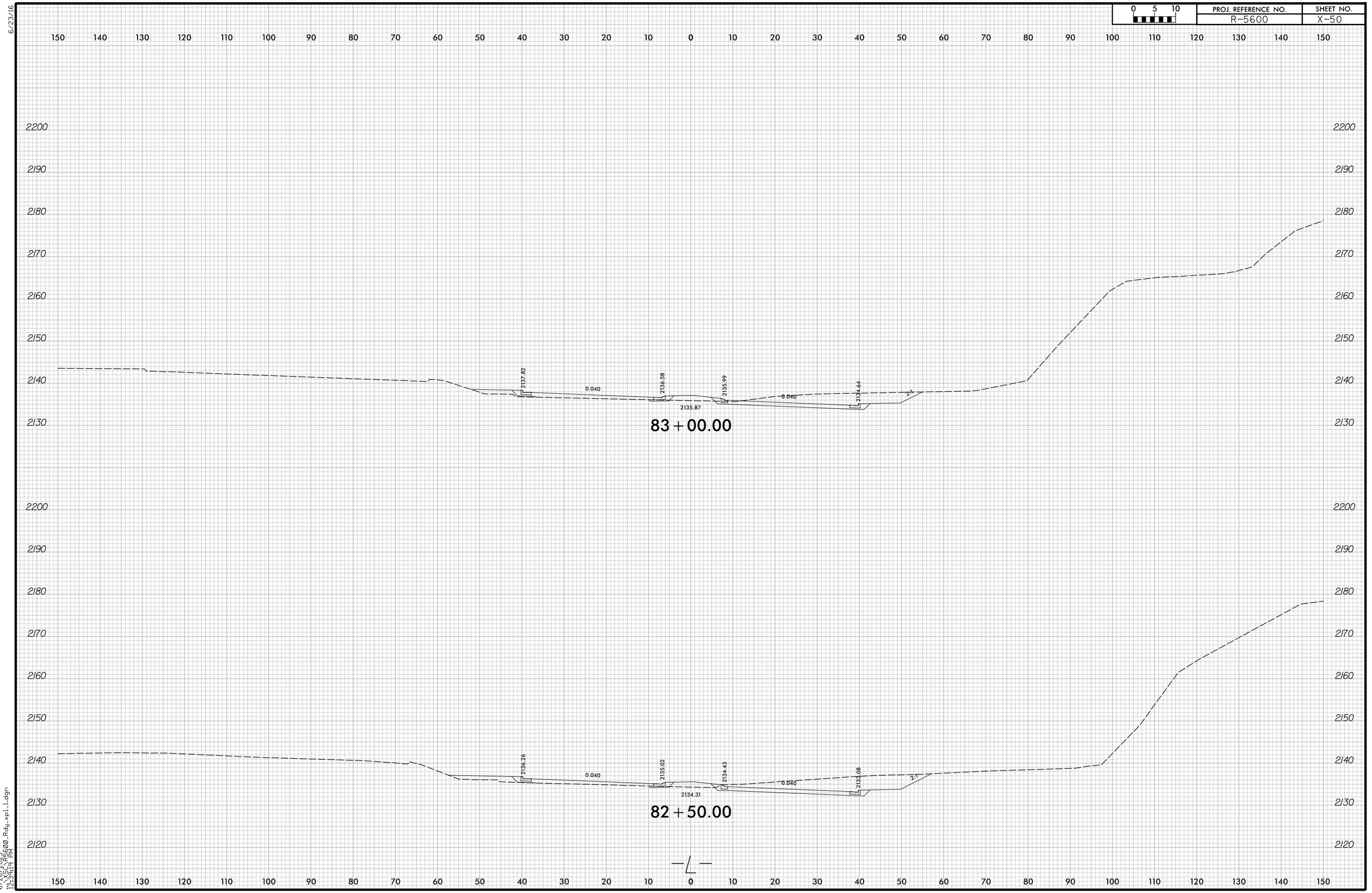
12:39:18 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-50



6/23/16

6/26/2025
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12:39:19 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-51

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

2200 2190 2180 2170 2160 2150 2140 2130

2142.03 0.040 2140.79 2140.20 0.040 2138.85 2:1

2139.81

84+00.00

2200 2190 2180 2170 2160 2150 2140 2130

2138.52 0.040 2137.93 0.040 2136.58 2:1

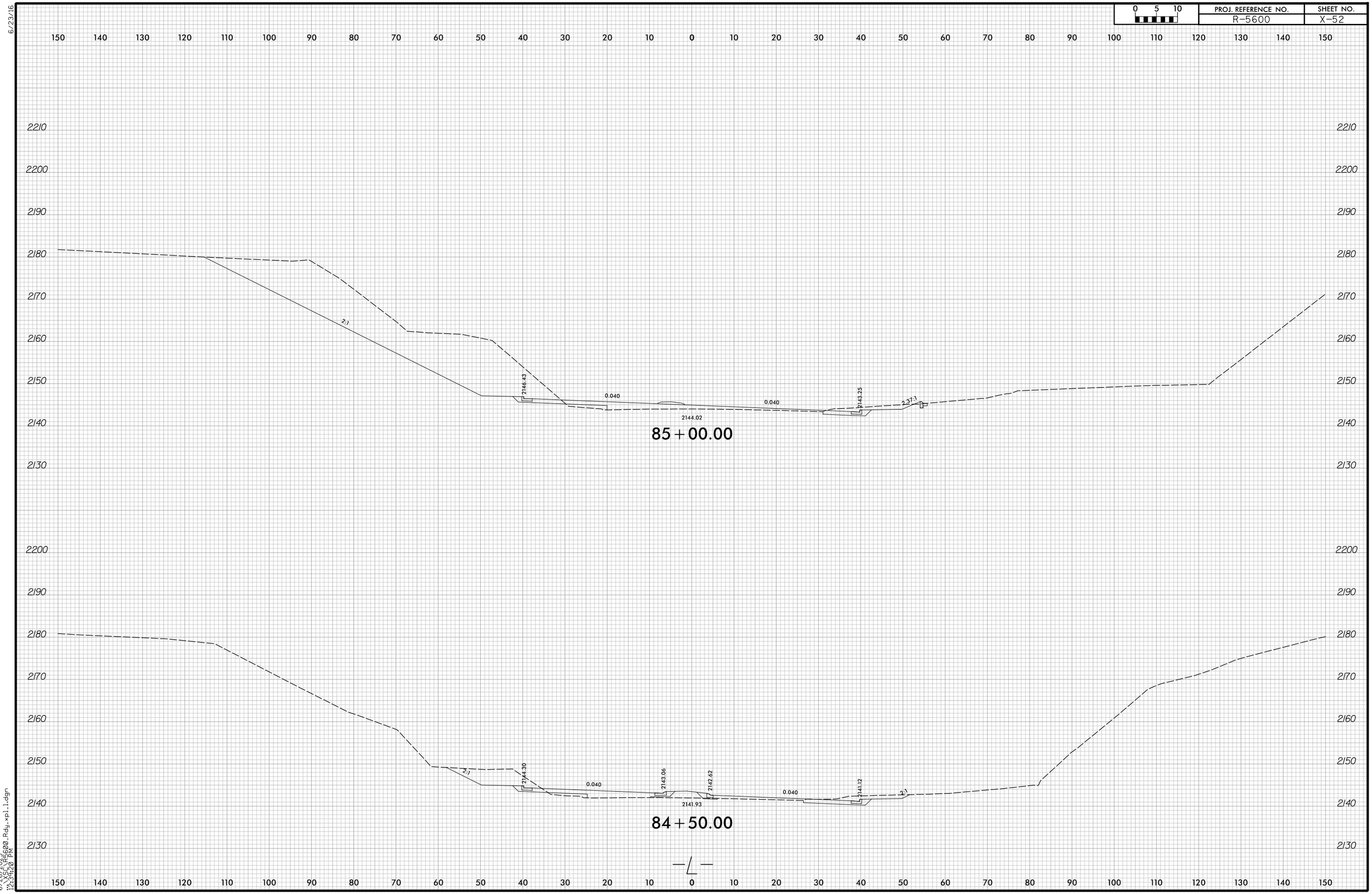
2137.72

83+50.00

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

6/25/2025
12:39:19 PM
R-5600_Rdy_xpl.1.dgn

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-52



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6/26/2025
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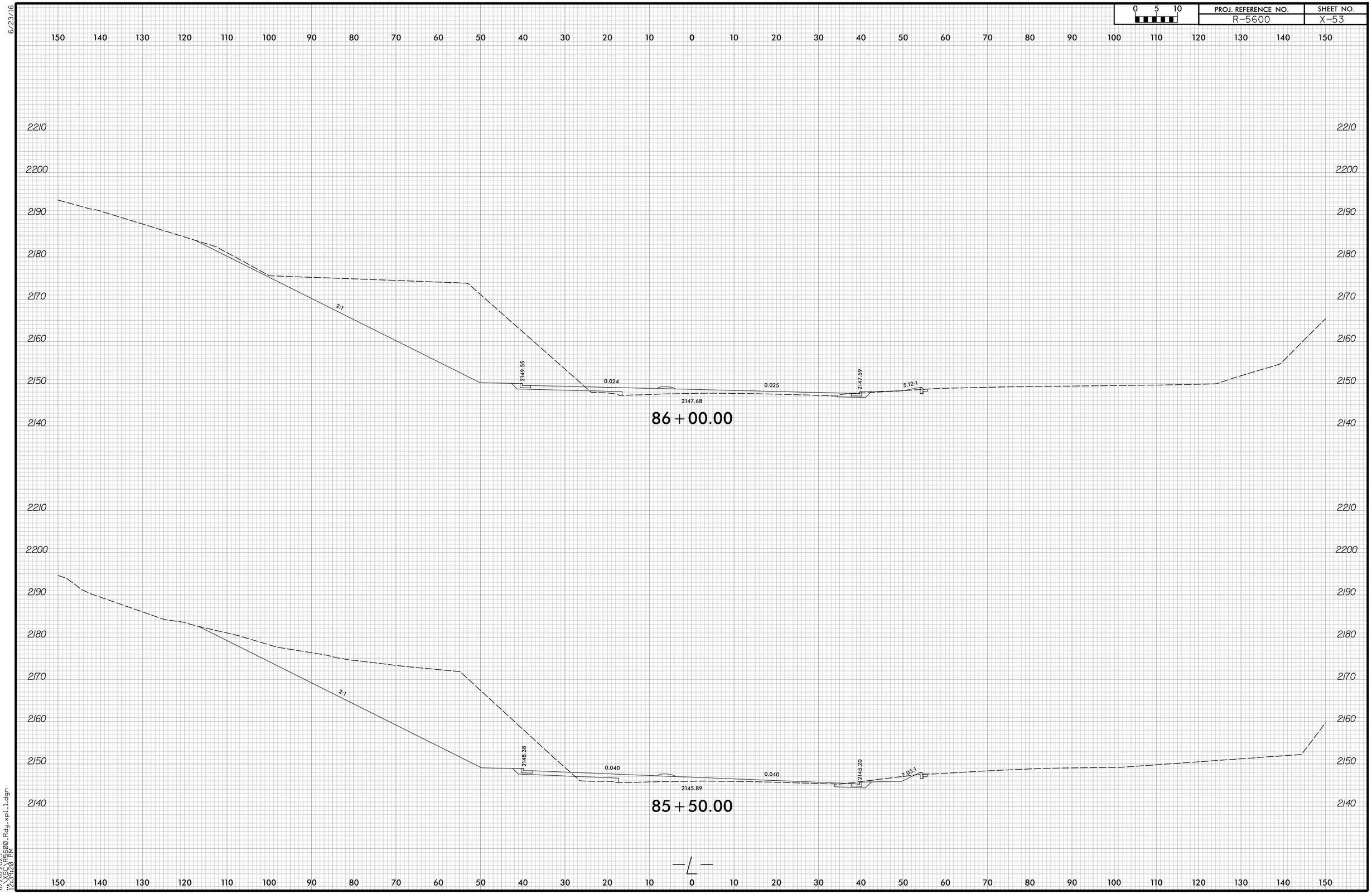
12:39:20 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-53



6/23/16

6/26/2025
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12:39:20 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-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

2200
2190
2180
2170
2160
2150
2140

2:1 2:1
2172.62
2:1
2151.55
0.007
2151.22
0.020
2151.26
2:1

87+00.00

2200
2190
2180
2170
2160
2150
2140

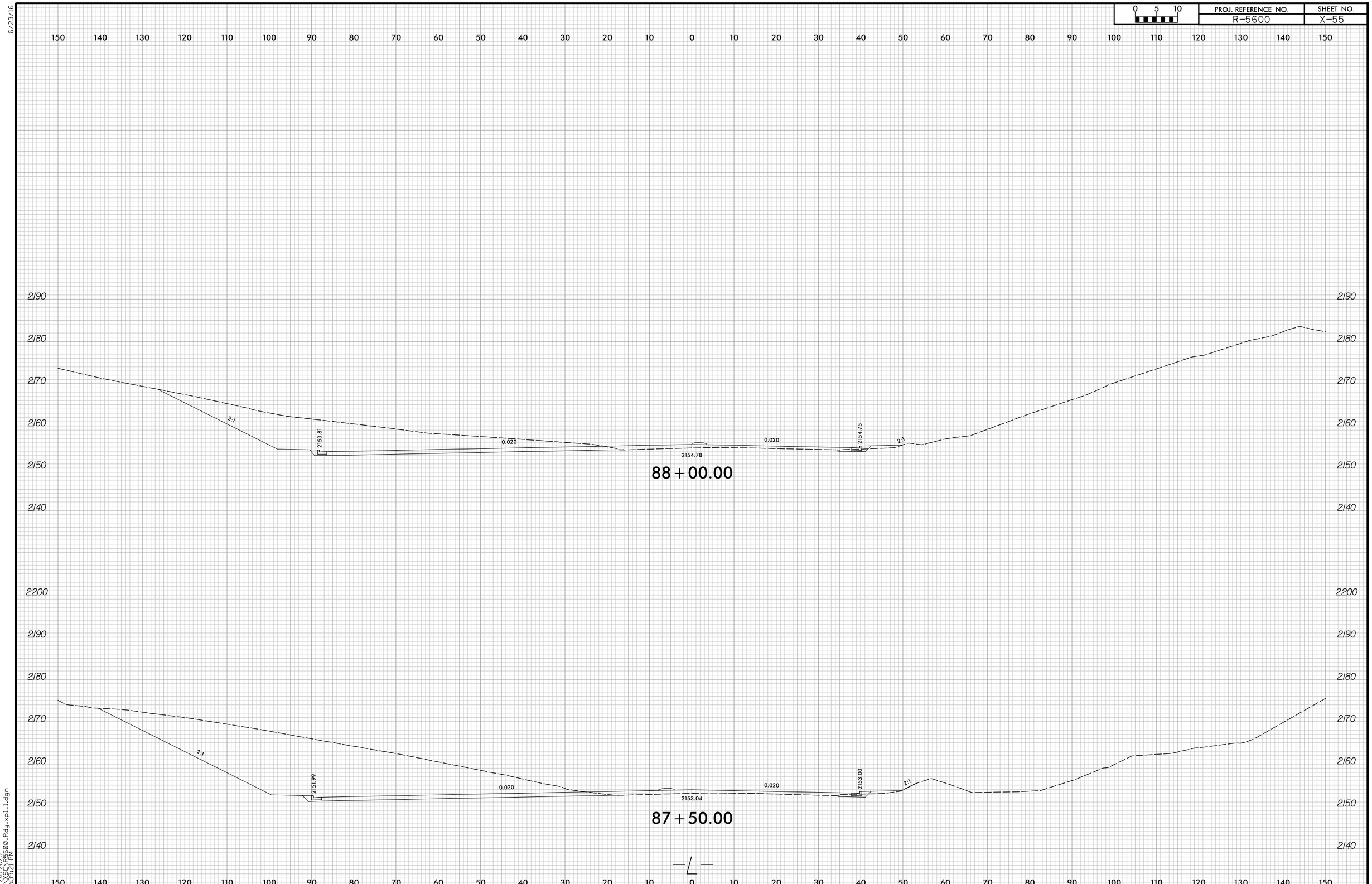
2:1 2:1
2173.85
2:1
2150.80
0.009
2149.42
2149.51
28.37:1

86+50.00

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

6/26/2025
12:34:21 PM
R5600_Rdy_xpl1.dgn

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-55



6/23/16

6/26/2025
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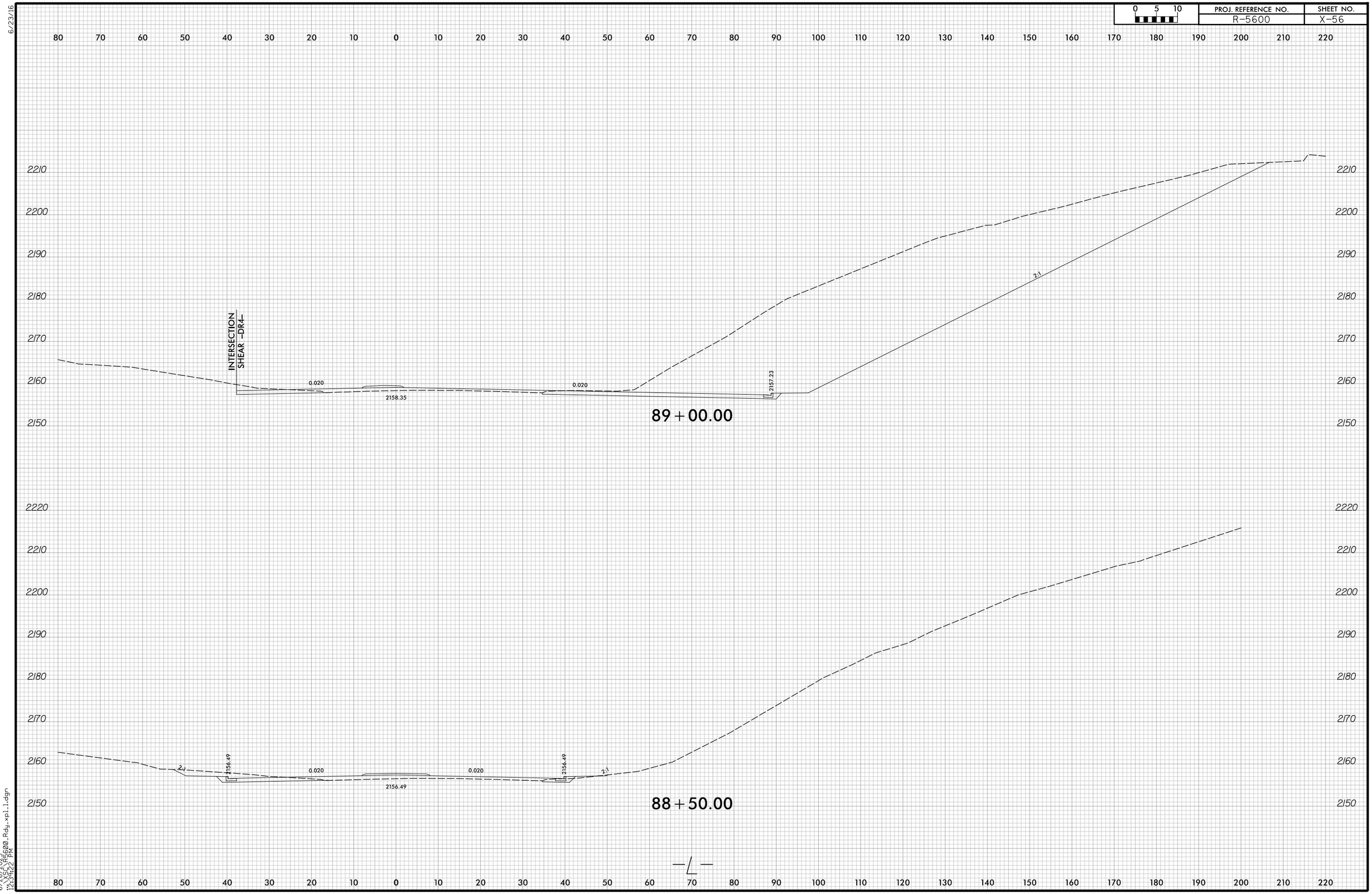
12:39:21 PM



6/23/16

6/26/2025
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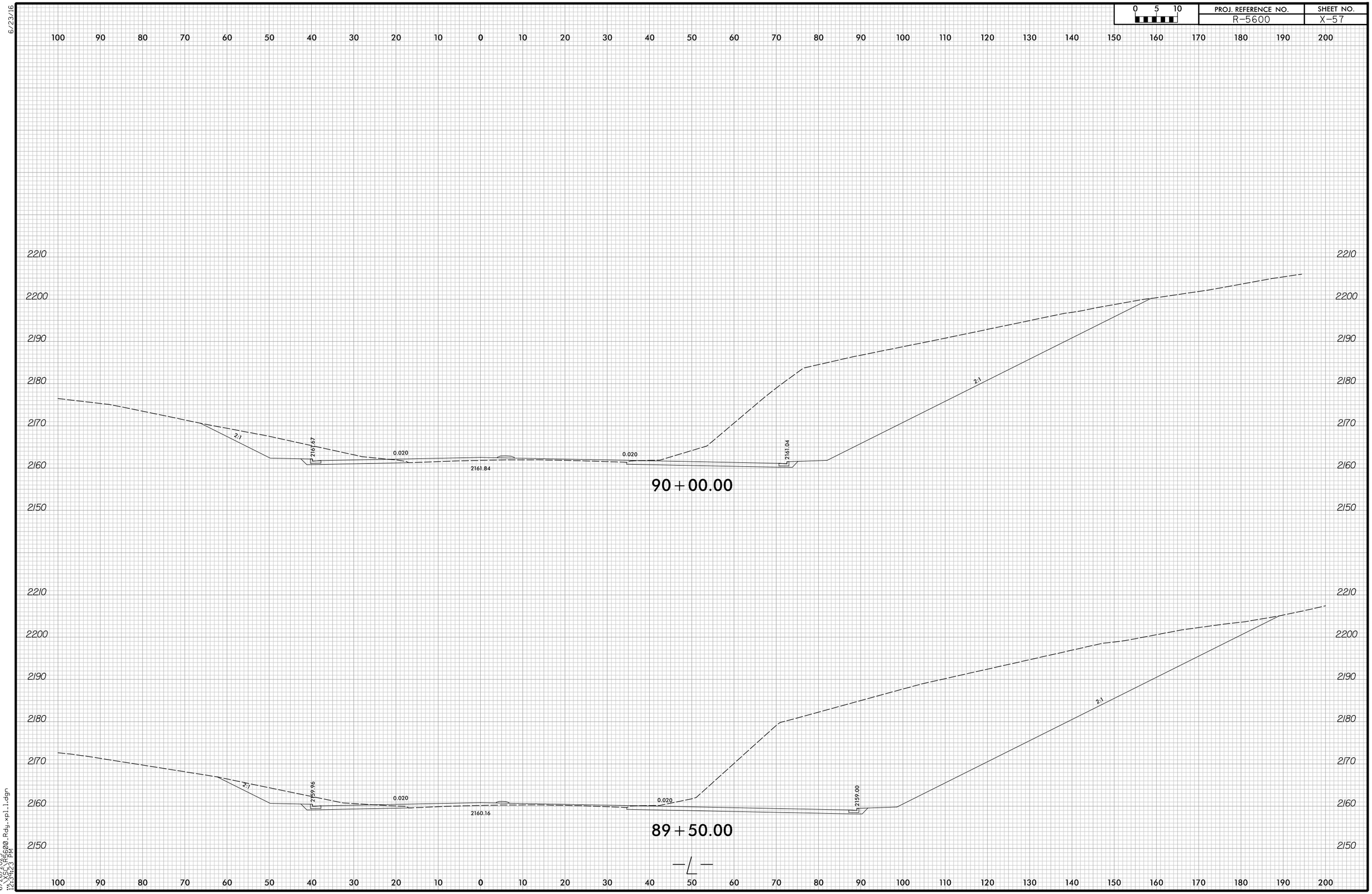
12:39:22 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-57



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6/26/2025
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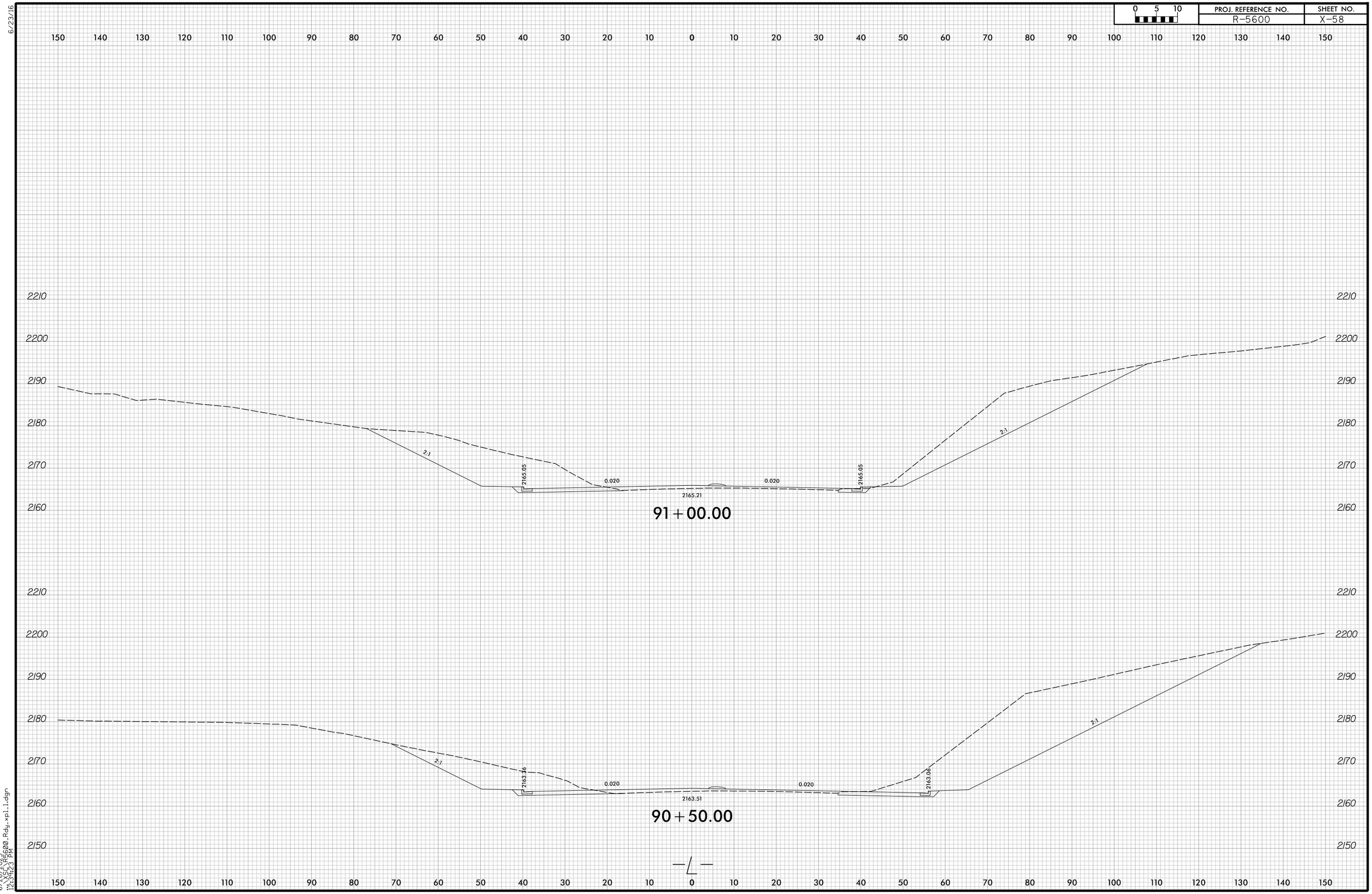
12:39:23 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-58



6/23/16

6/26/2025
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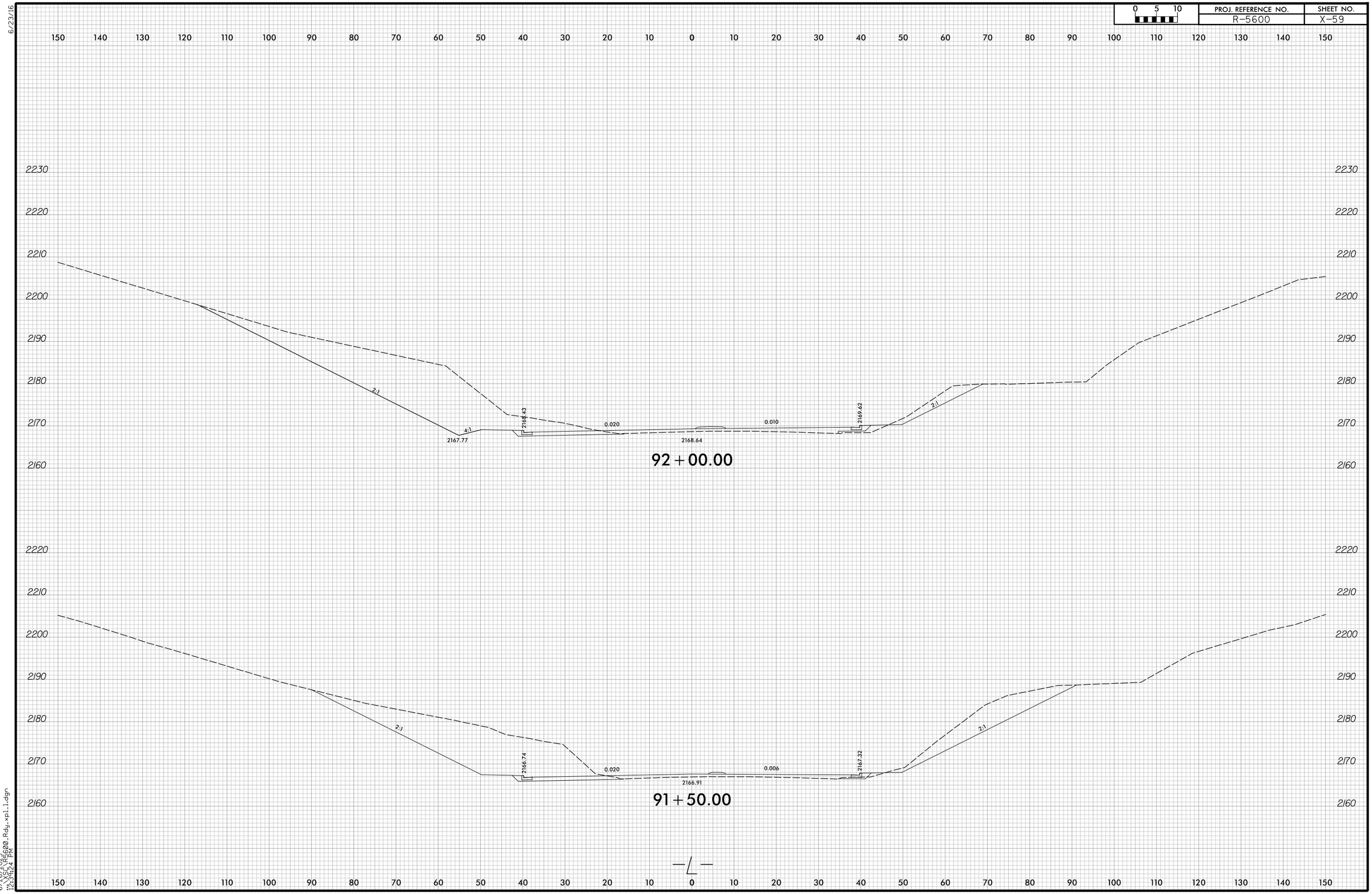
12:39:23 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-59



6/23/16

6/26/2025
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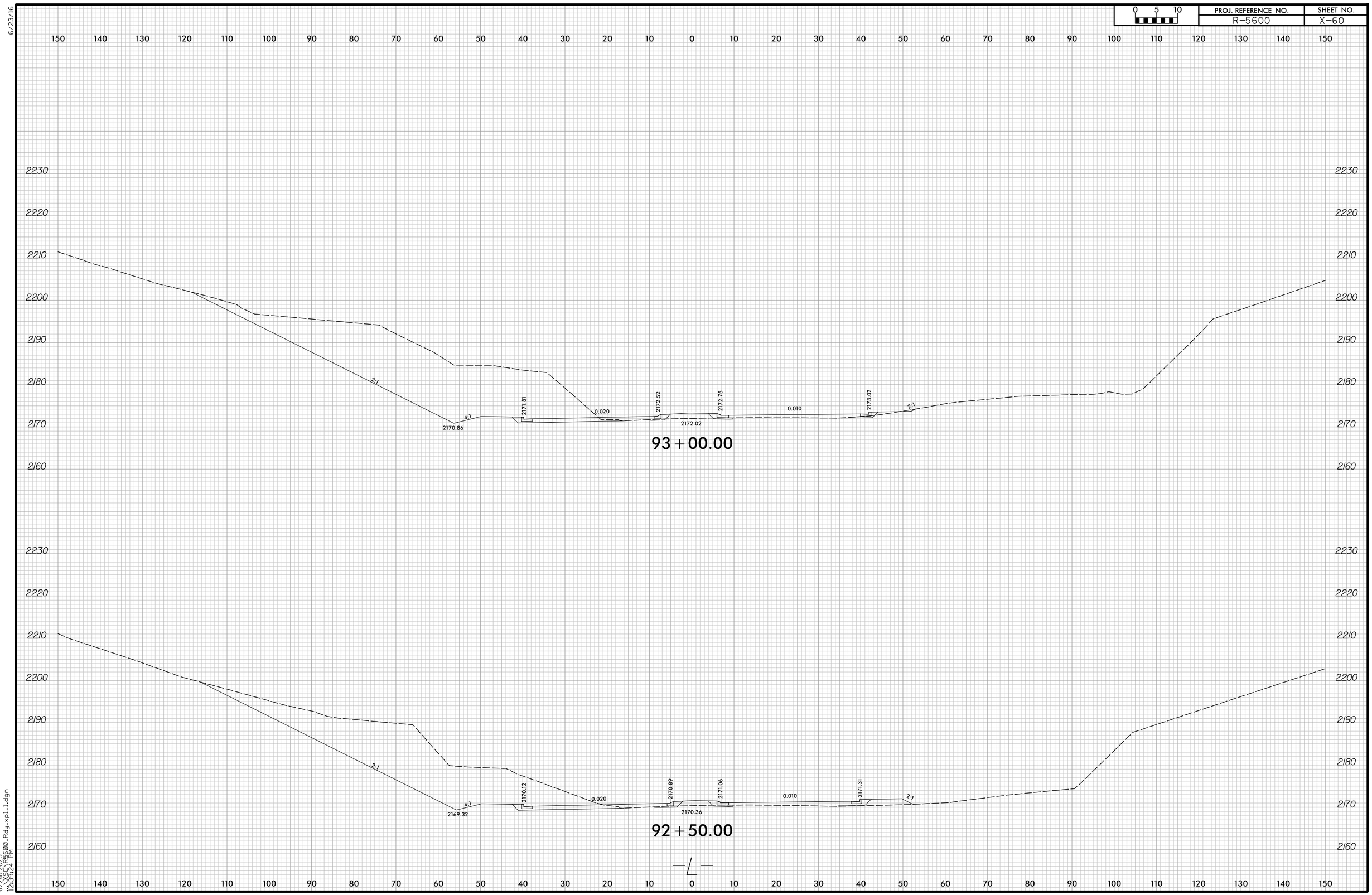
12:39:24 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-60



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6/26/2025
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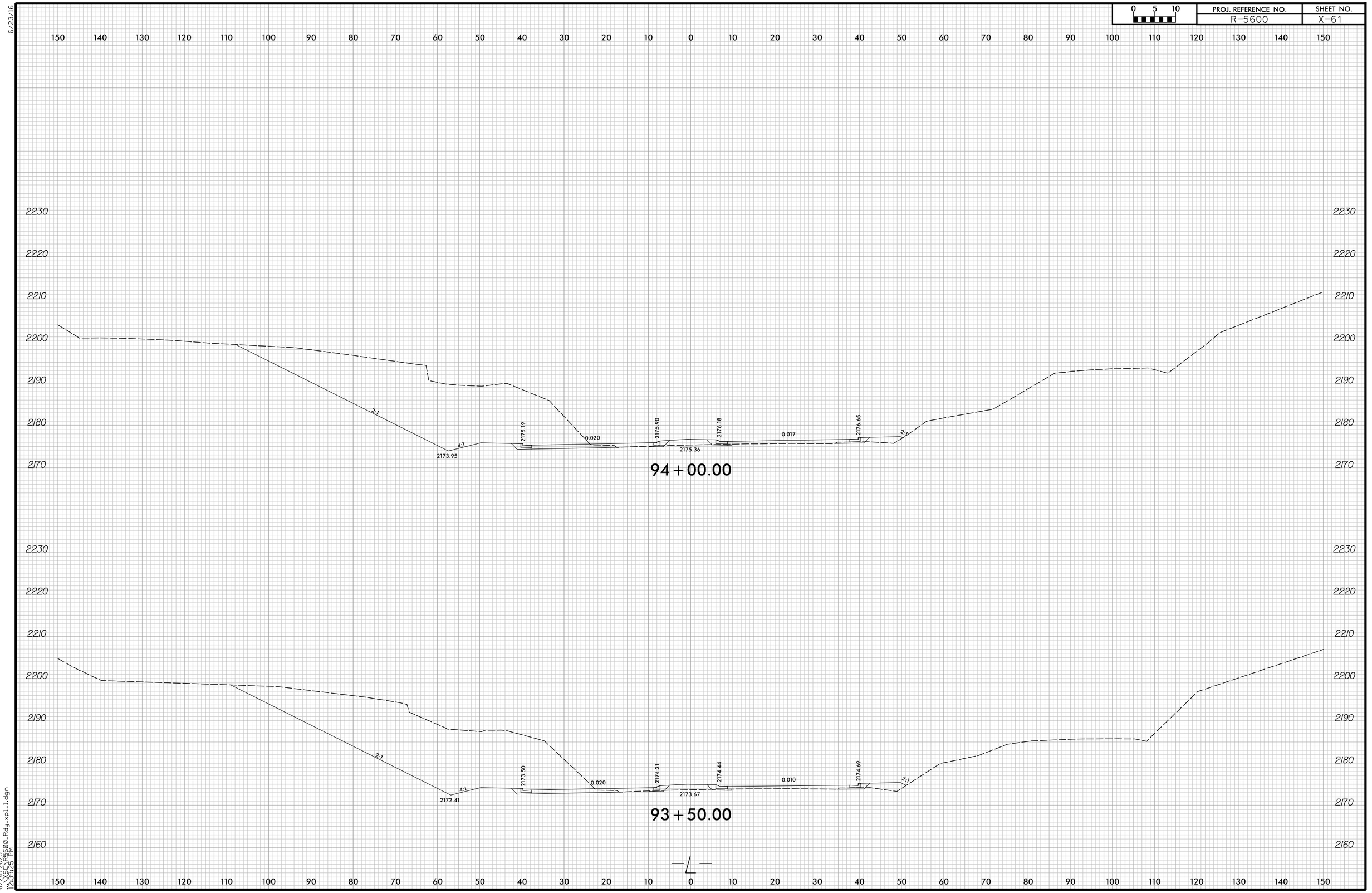
12:39:24 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-61



6/23/16

6/26/2025
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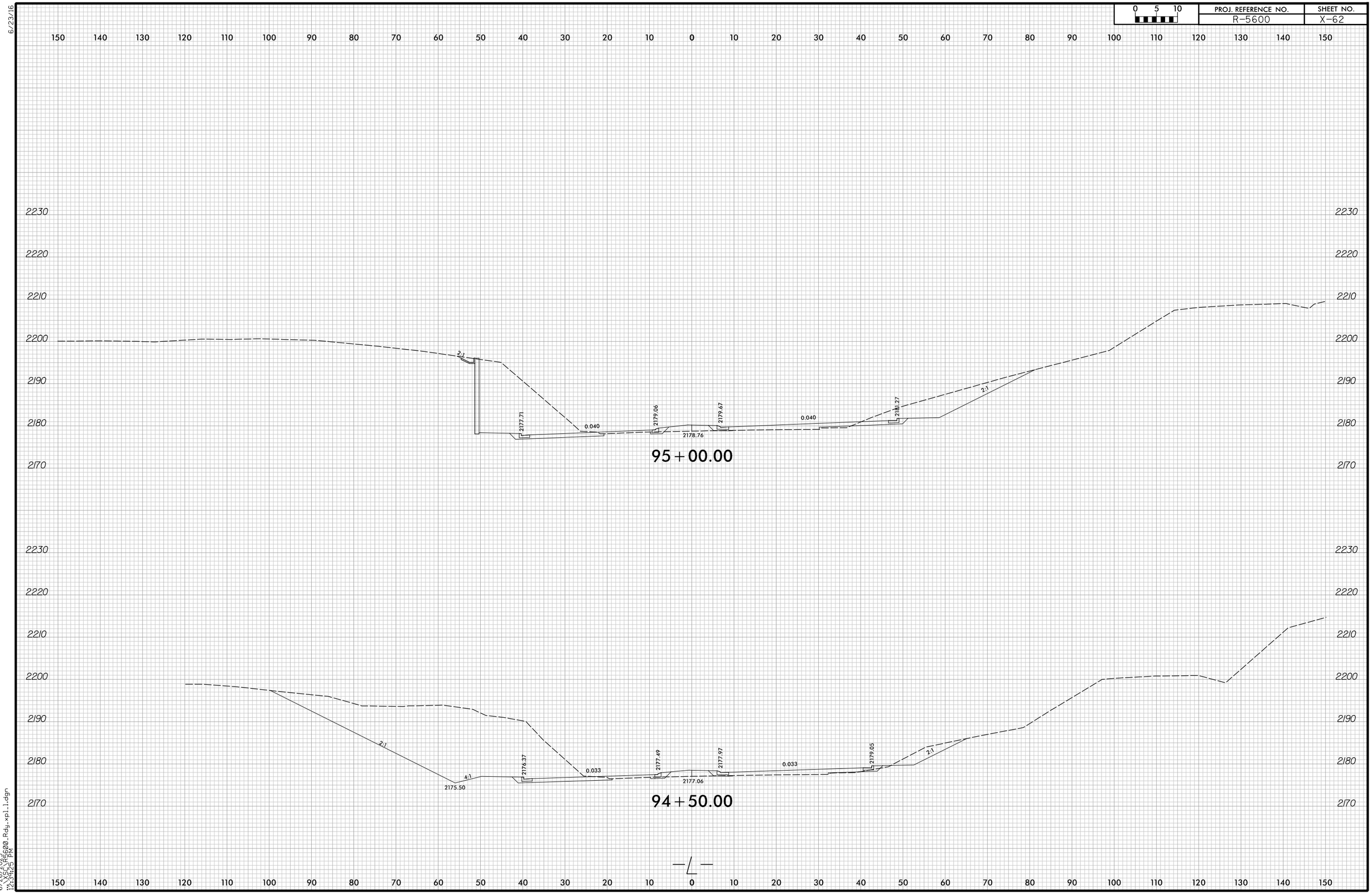
12:39:25 PM



6/23/16

6/26/2025
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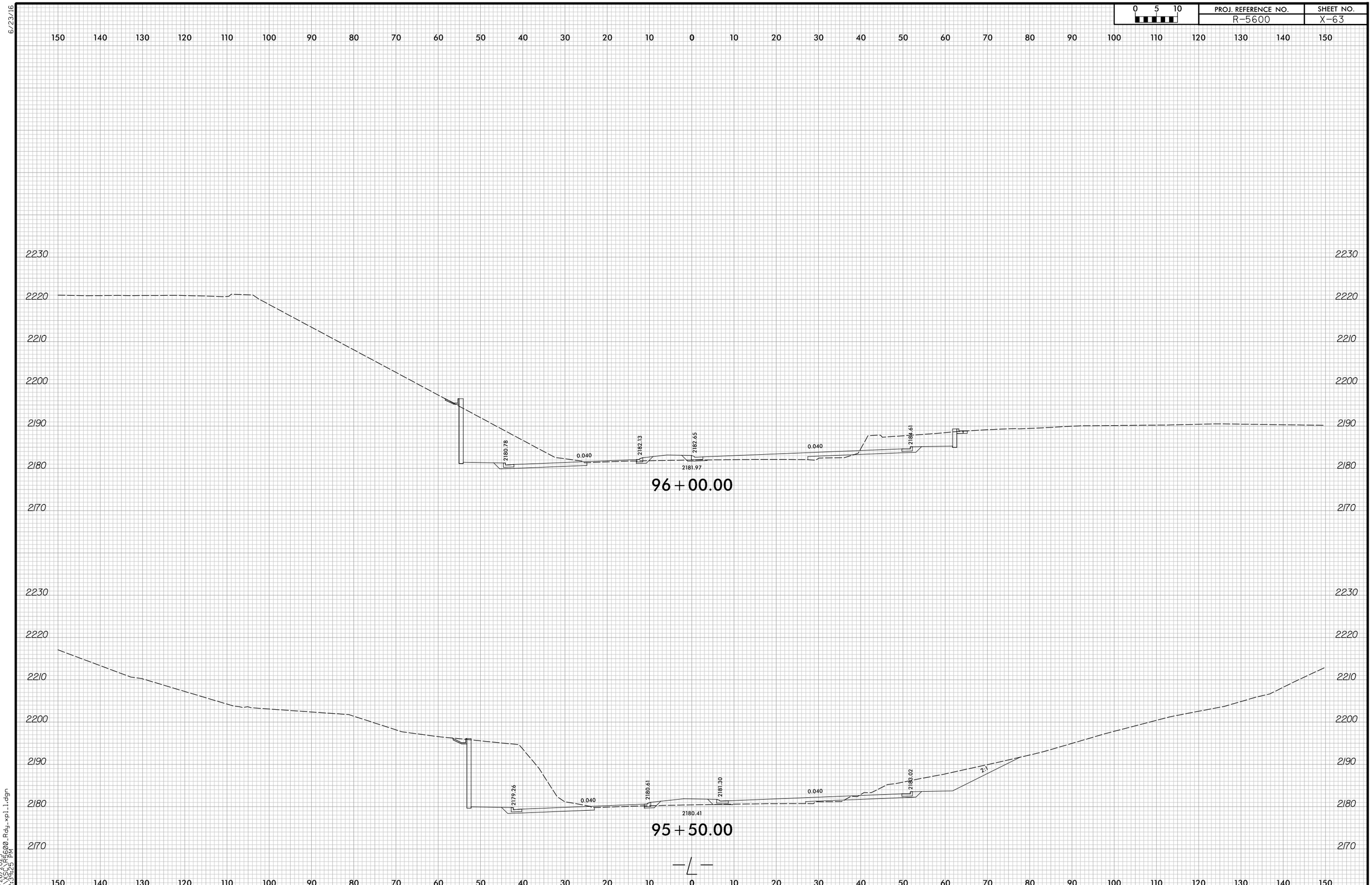
12:39:25 PM



6/23/16

6/26/2025
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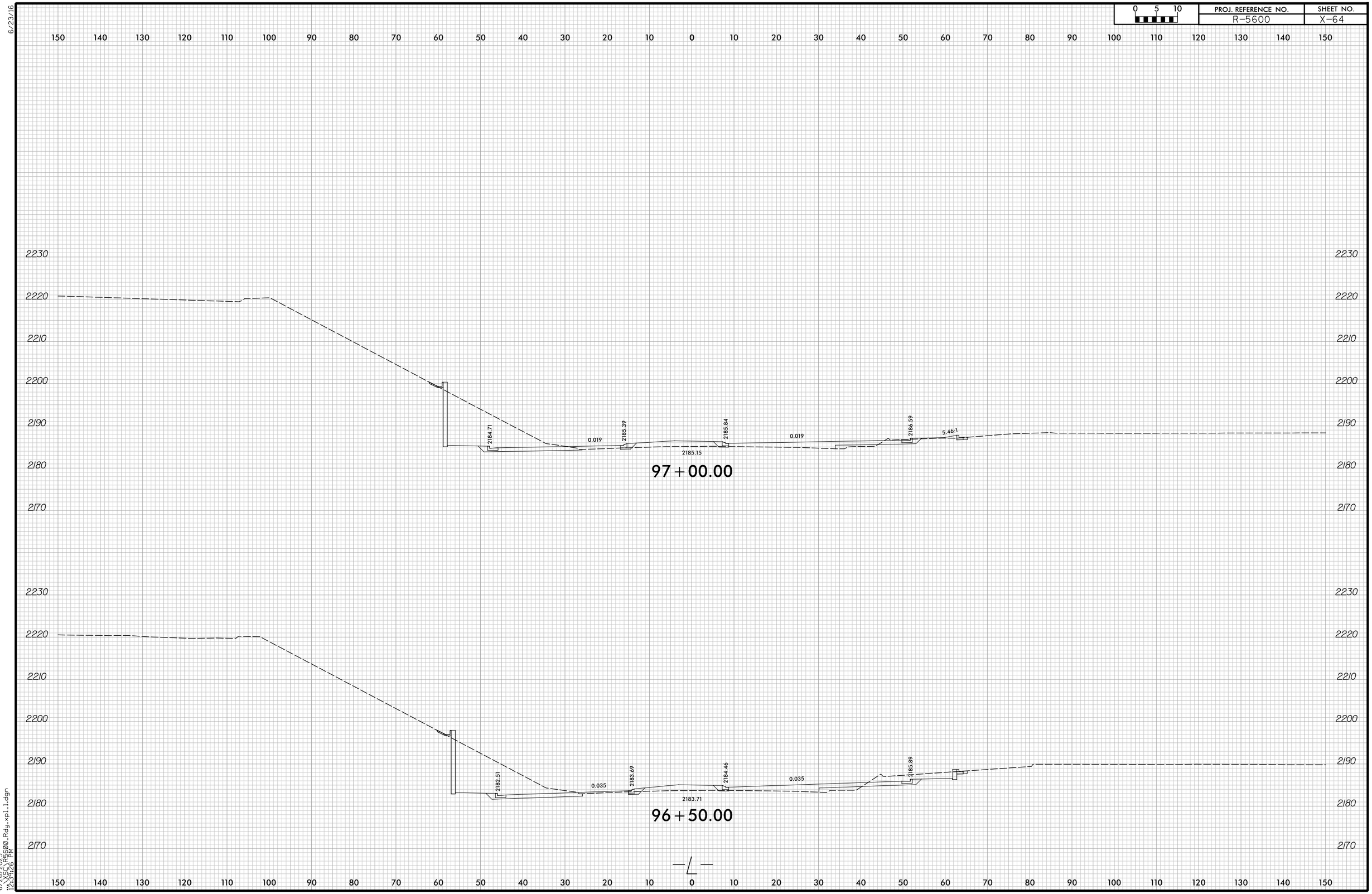

6/23/16

6/26/2025
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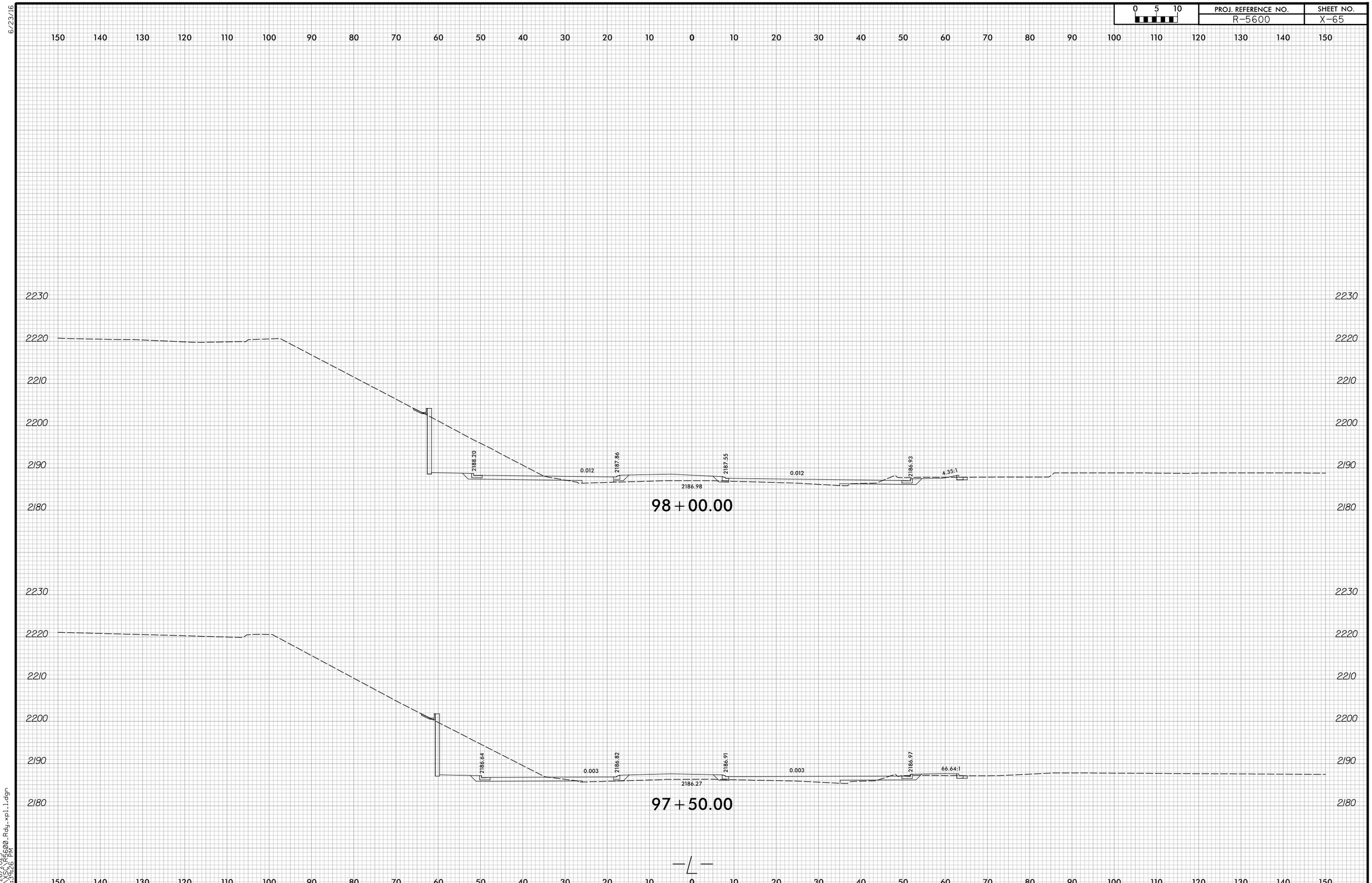


0 5 10
PROJ. REFERENCE NO.
R-5600
SHEET NO.
X-65
6/23/16
2230
2220
2210
2200
2190
2180
2188.20
0.012
2187.86
2187.55
0.012
2186.93
4.35:1
2186.98
98+00.00
2186.64
0.003
2186.82
2186.91
0.003
2186.97
66.64:1
2186.27
97+50.00
-L-
6/26/2025
...\XSC\R5600_Rdy_xpl_1.dgn
12:39:26 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-66

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

2210 2200 2190 2180

INTERSECTION SHEAR –DR2–

INTERSECTION SHEAR –DR1–

0.020 0.020

2186.38

99+50.00

2220 2210 2200 2190 2180

INTERSECTION SHEAR –DR2–

INTERSECTION SHEAR –DR1–

0.020 0.020

2187.19

99+00.00

2230 2220 2210 2200 2190 2180

2189.03 2188.29 2187.83 2186.87

0.020 0.020

5.03:1

2187.28

98+50.00

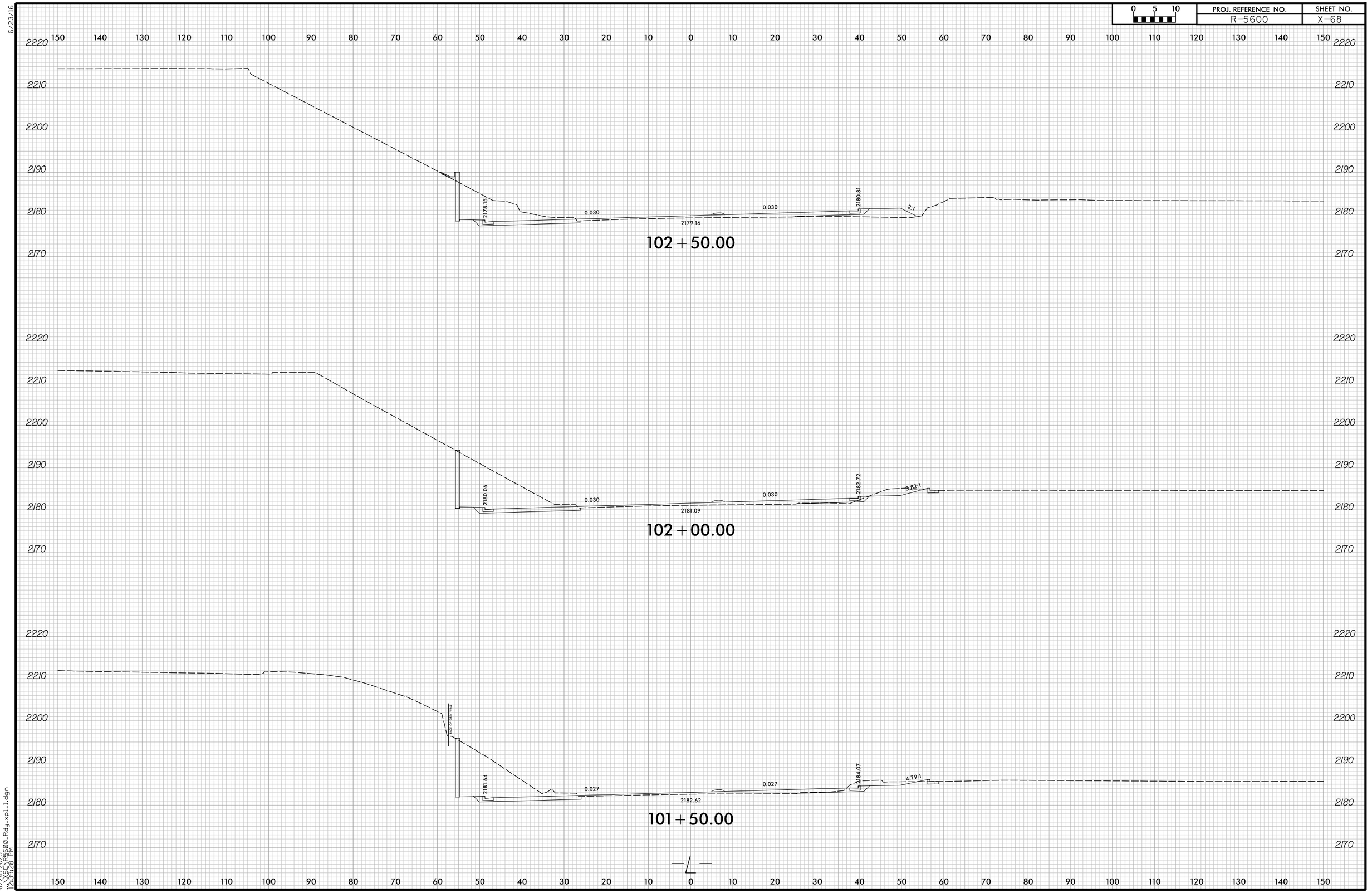
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

6/25/2025
12:39:27 PM
X66_R5600_Rdy_xpl1.dgn

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-67

6/26/2025
12:39:27 PM
R-5600_Rdy-xpl.1.dgn



6/23/16

6/26/2025
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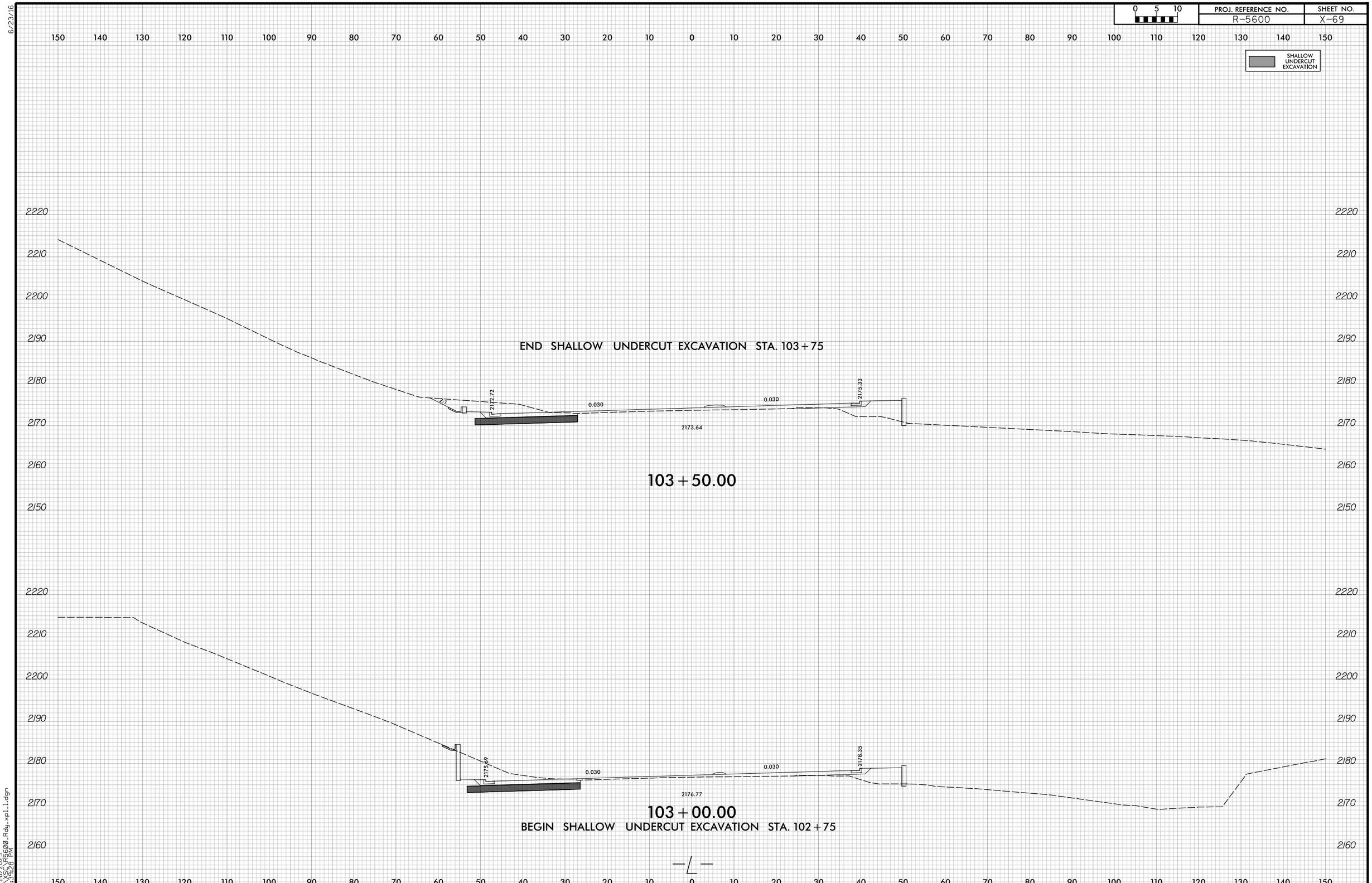
12:39:28 PM



6/23/16

6/26/2025
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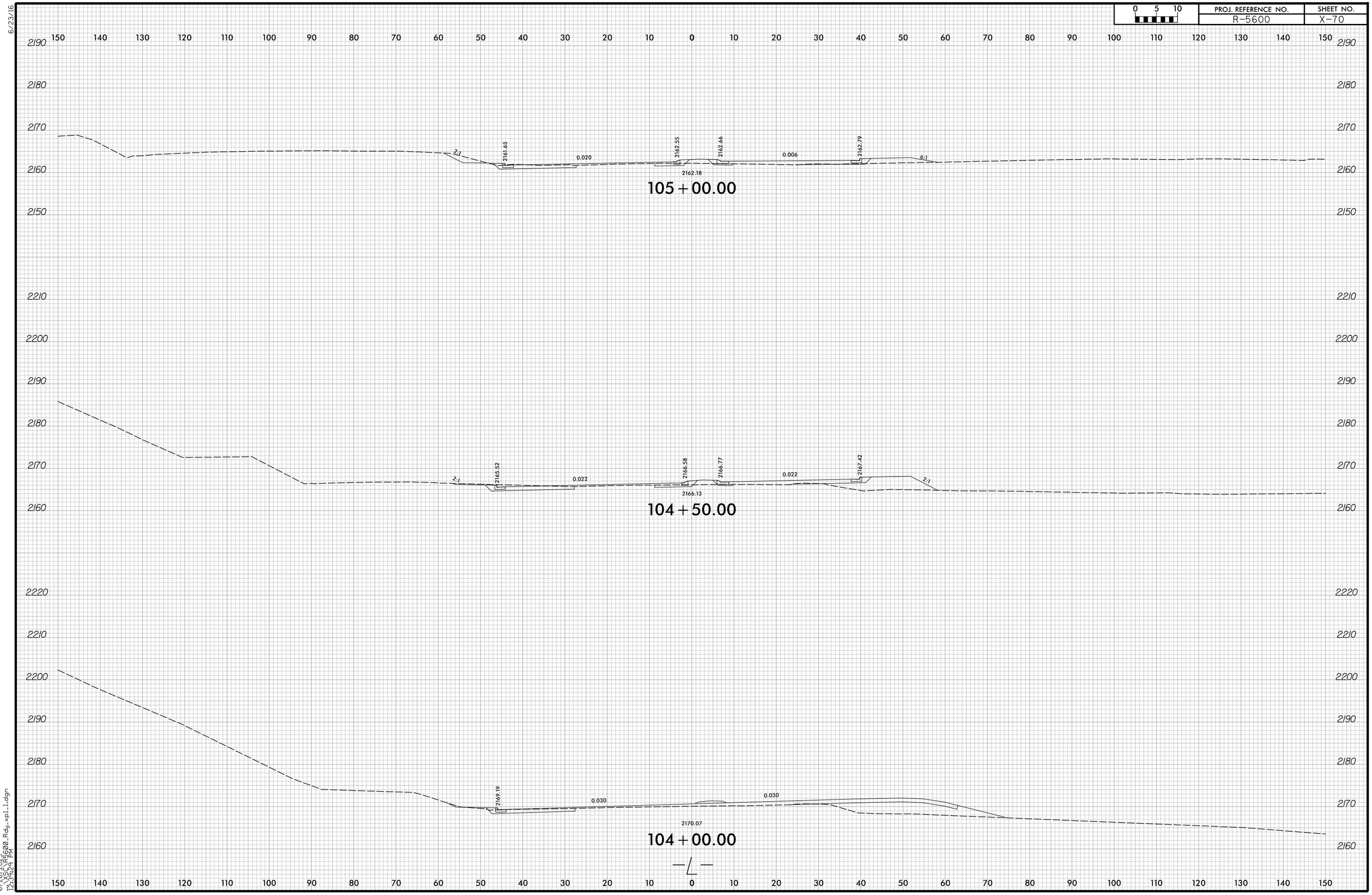
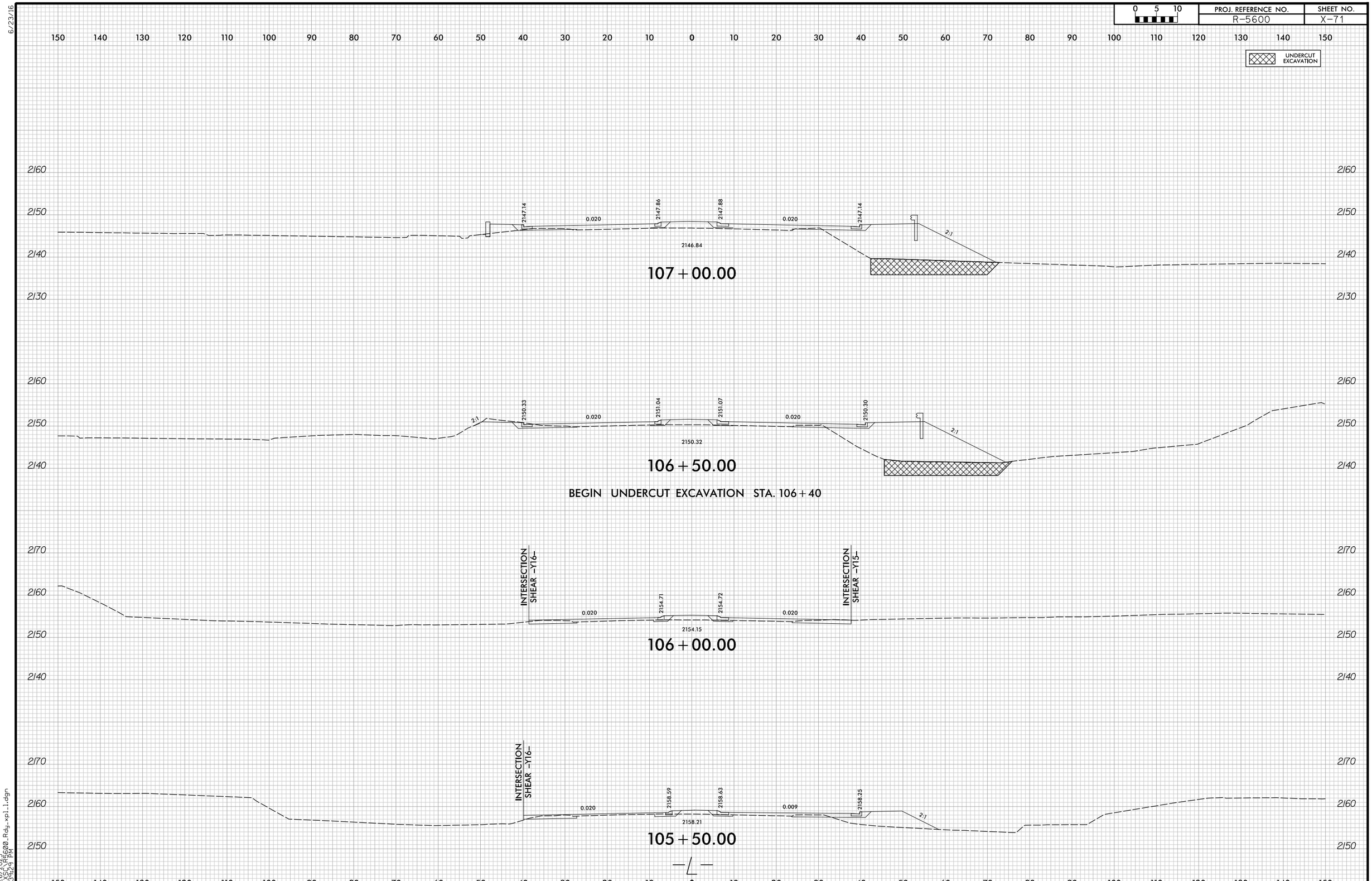
12:39:28 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-70

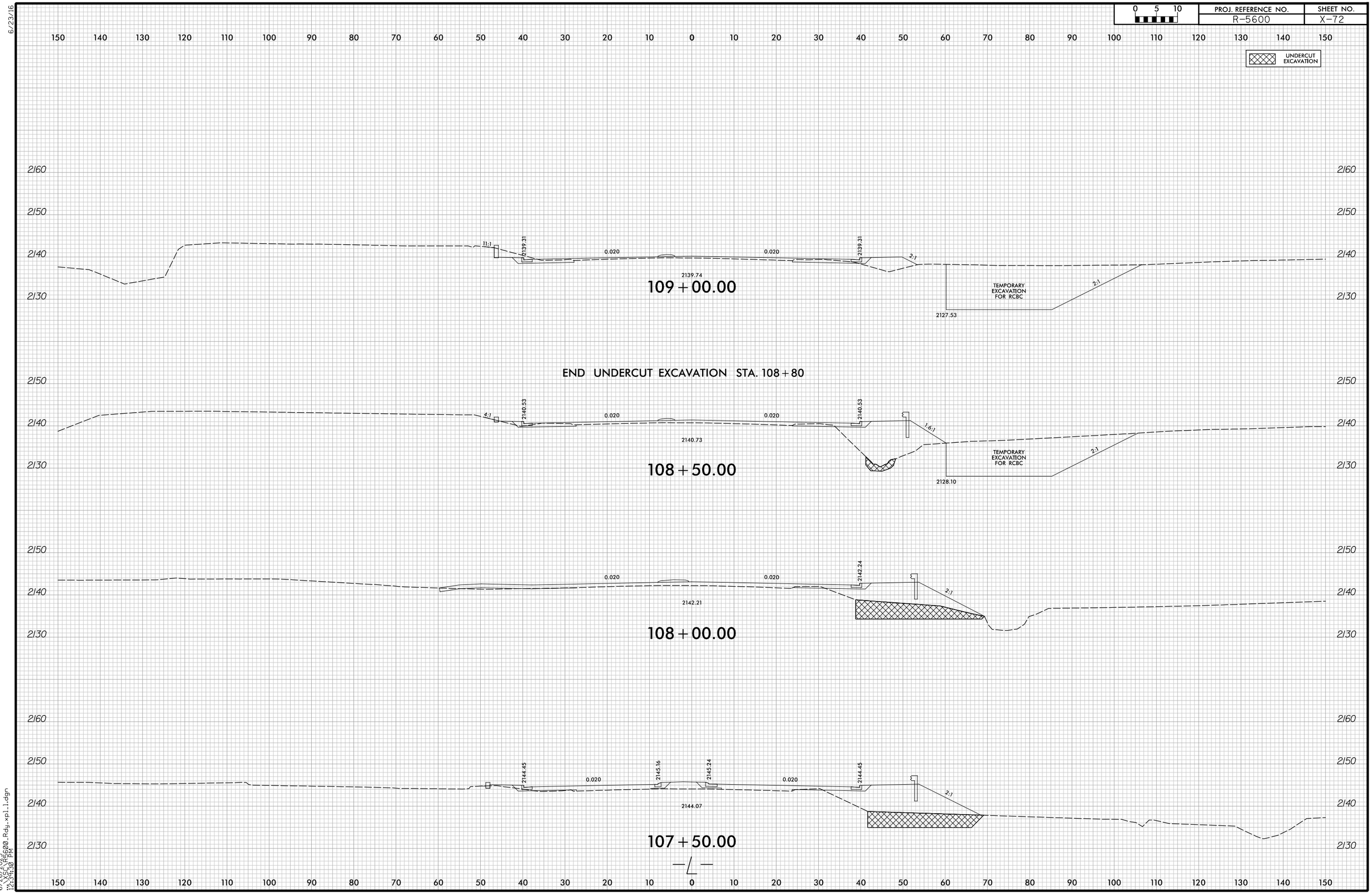


6/25/2025
12:39:29 PM
R5600_Rdy_xpl1.dgn



6/23/16

6/26/2025
\\XSC\R5600_Rdy_xpl_1.dgn
12:39:29 PM



6/23/16

6/26/2025
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12:39:30 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-73

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

2160 2150 2140 2130

18.33:1 2136.12 0.020 2136.55 2:1

111+00.00

TEMPORARY EXCAVATION FOR RCBC 2:1 2125.25

2:1 2136.54 0.020 0.020 3.79:1 2137.19

110+50.00

TEMPORARY EXCAVATION FOR RCBC 2:1 2125.82

2:1 2137.62 0.020 2137.95 2:1

110+00.00

TEMPORARY EXCAVATION FOR RCBC 2:1 2126.39

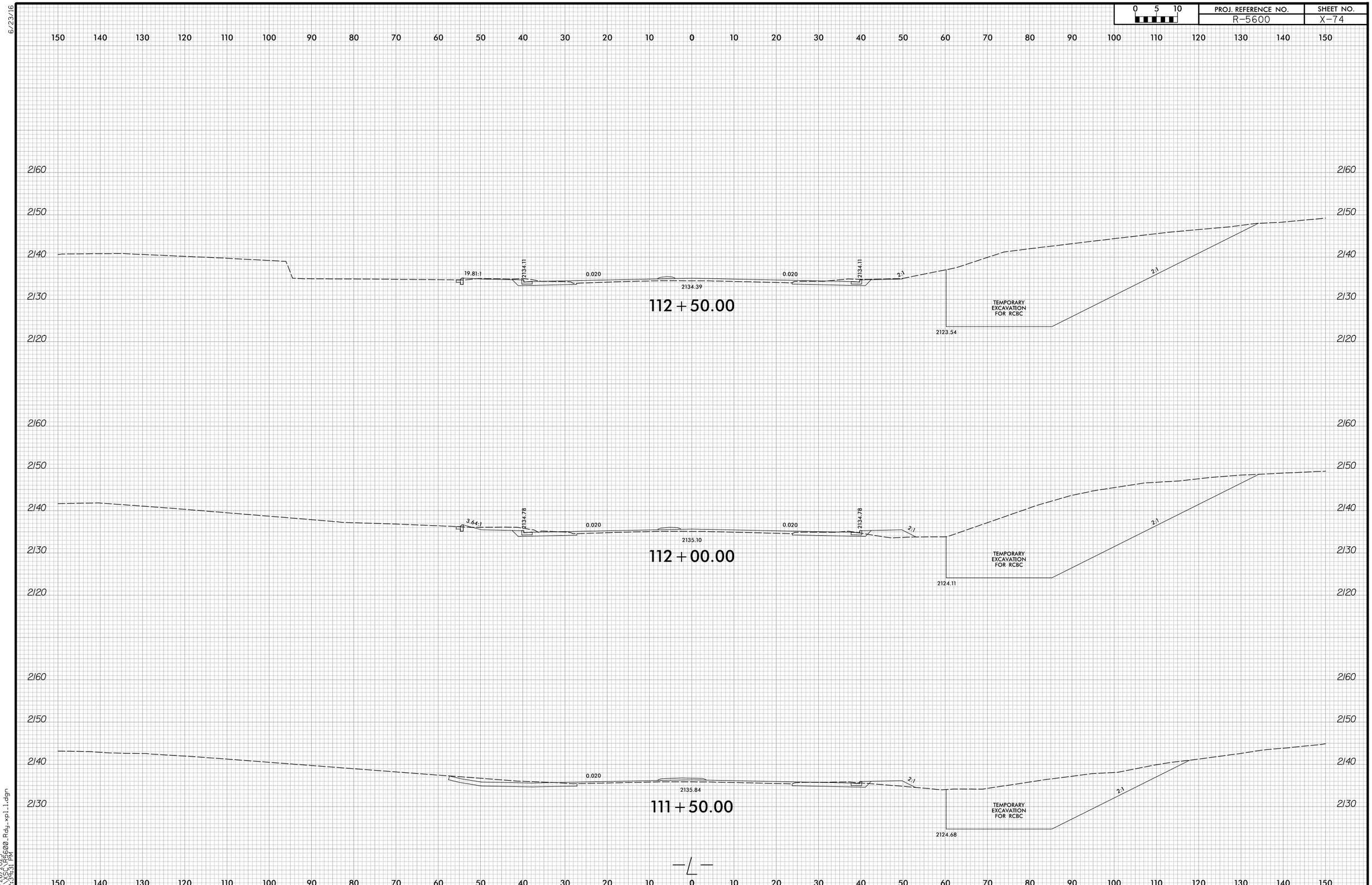
2.42:1 2138.45 0.020 2138.88

109+50.00

TEMPORARY EXCAVATION FOR RCBC 2:1 2126.96

6/25/2025
12:39:30 PM
R-5600_Rdy_xpl1.dgn

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-74



6/23/16

6/26/2025
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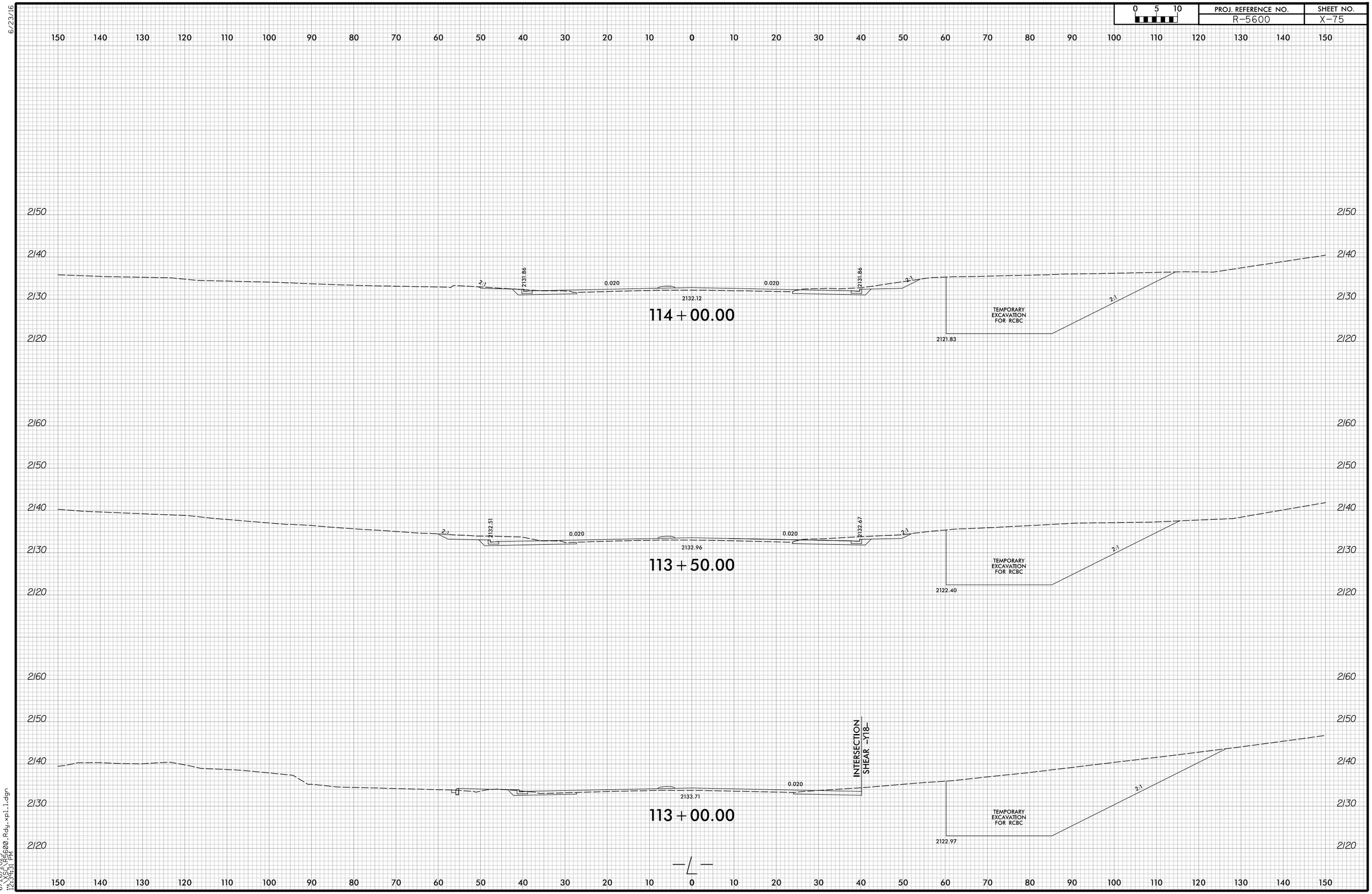
12:39:31 PM



6/23/16

6/26/2025
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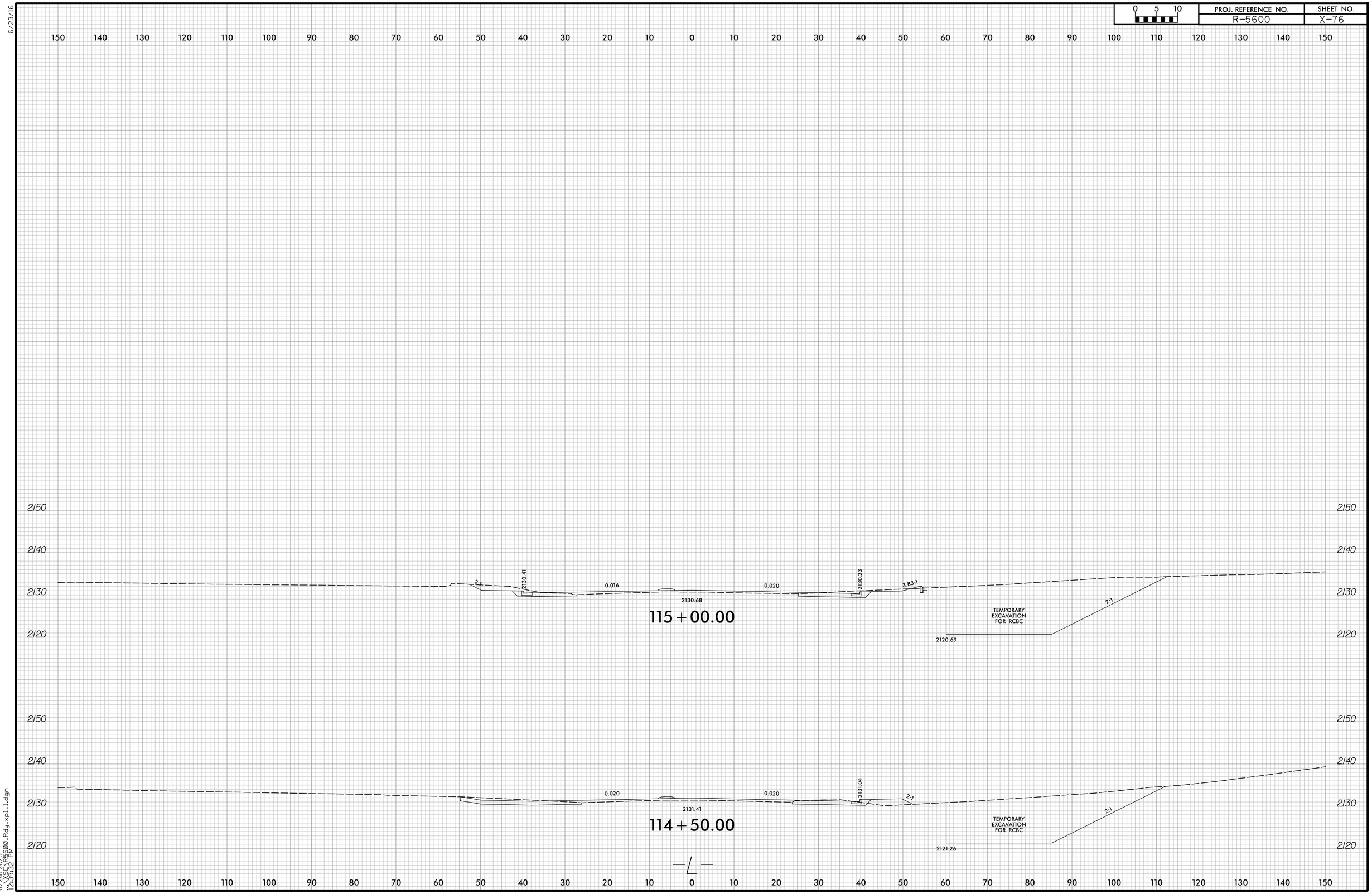
12:39:31 PM



6/23/16

6/26/2025
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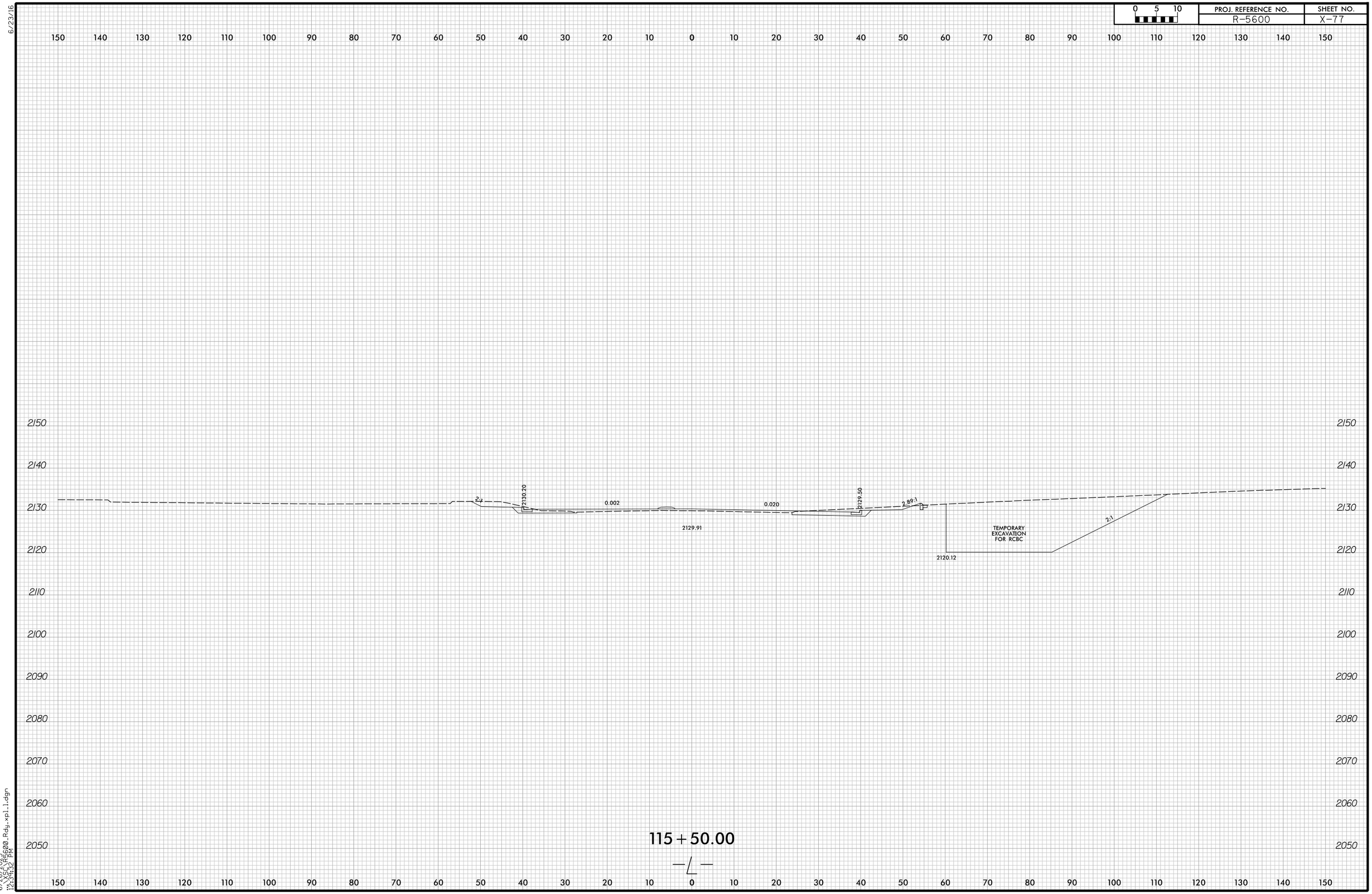
12:39:32 PM



6/23/16

6/26/2025
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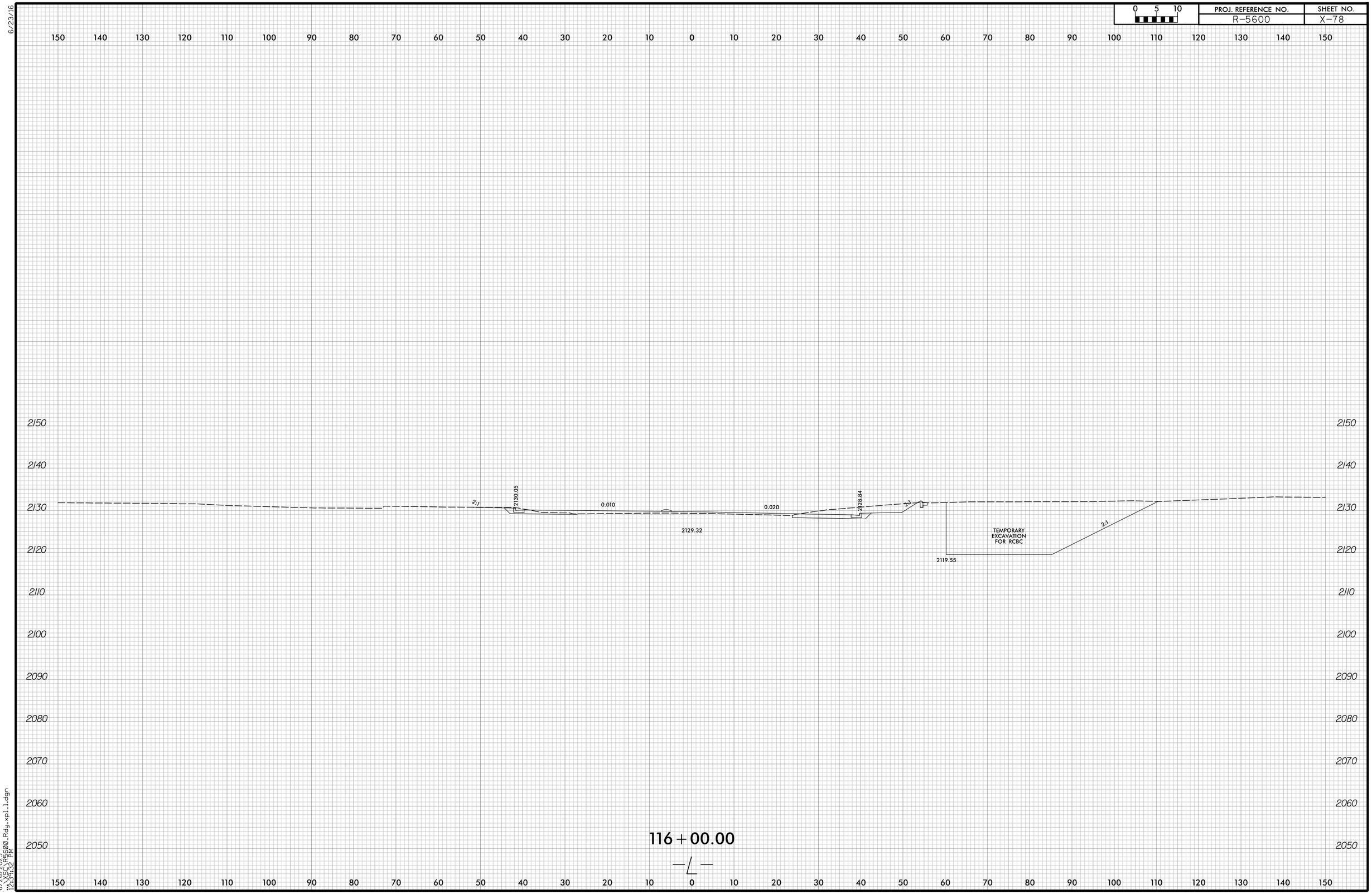
12:39:32 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-78



6/23/16

6/26/2025
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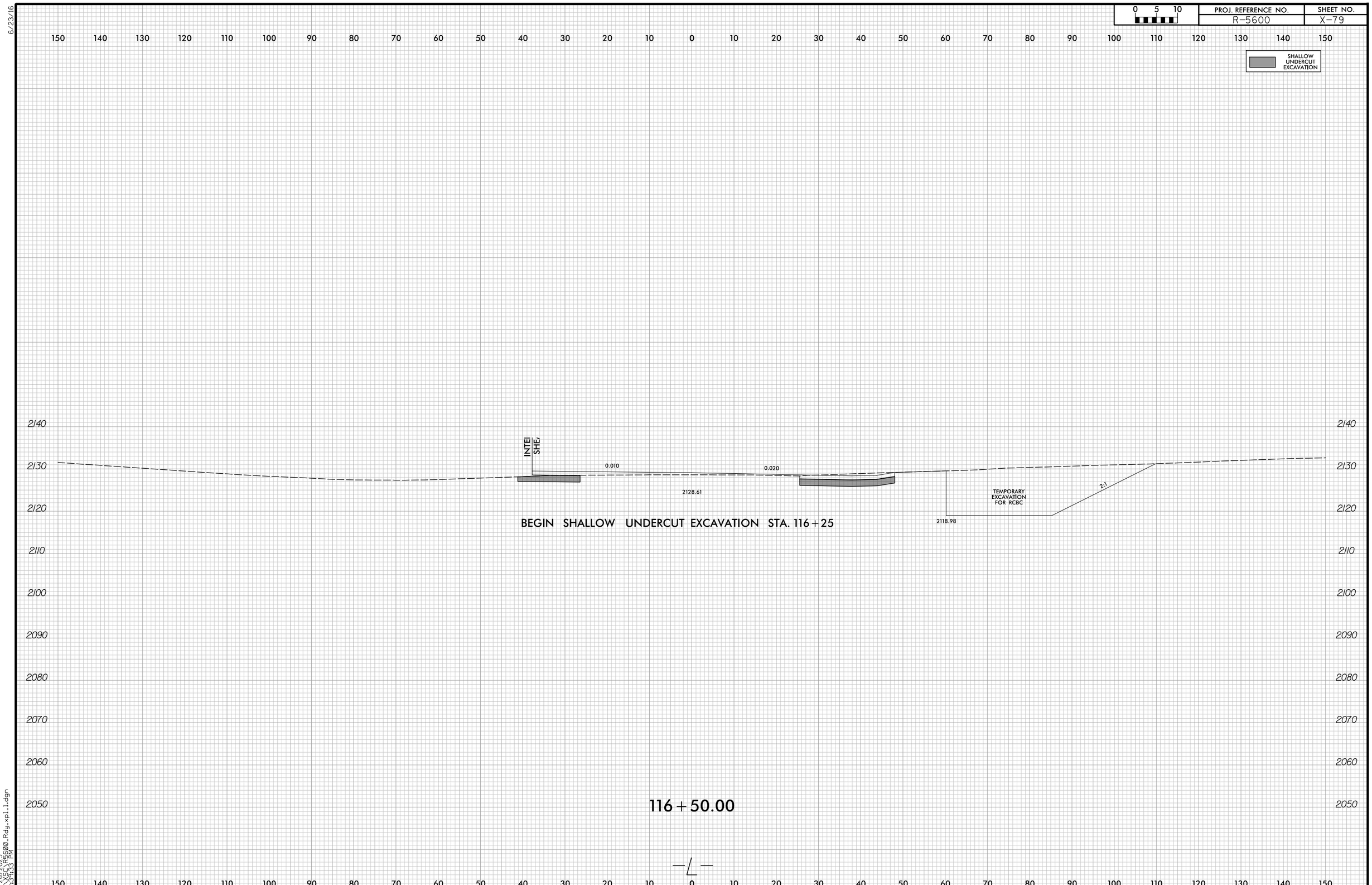
12:39:32 PM



6/23/16

6/26/2025
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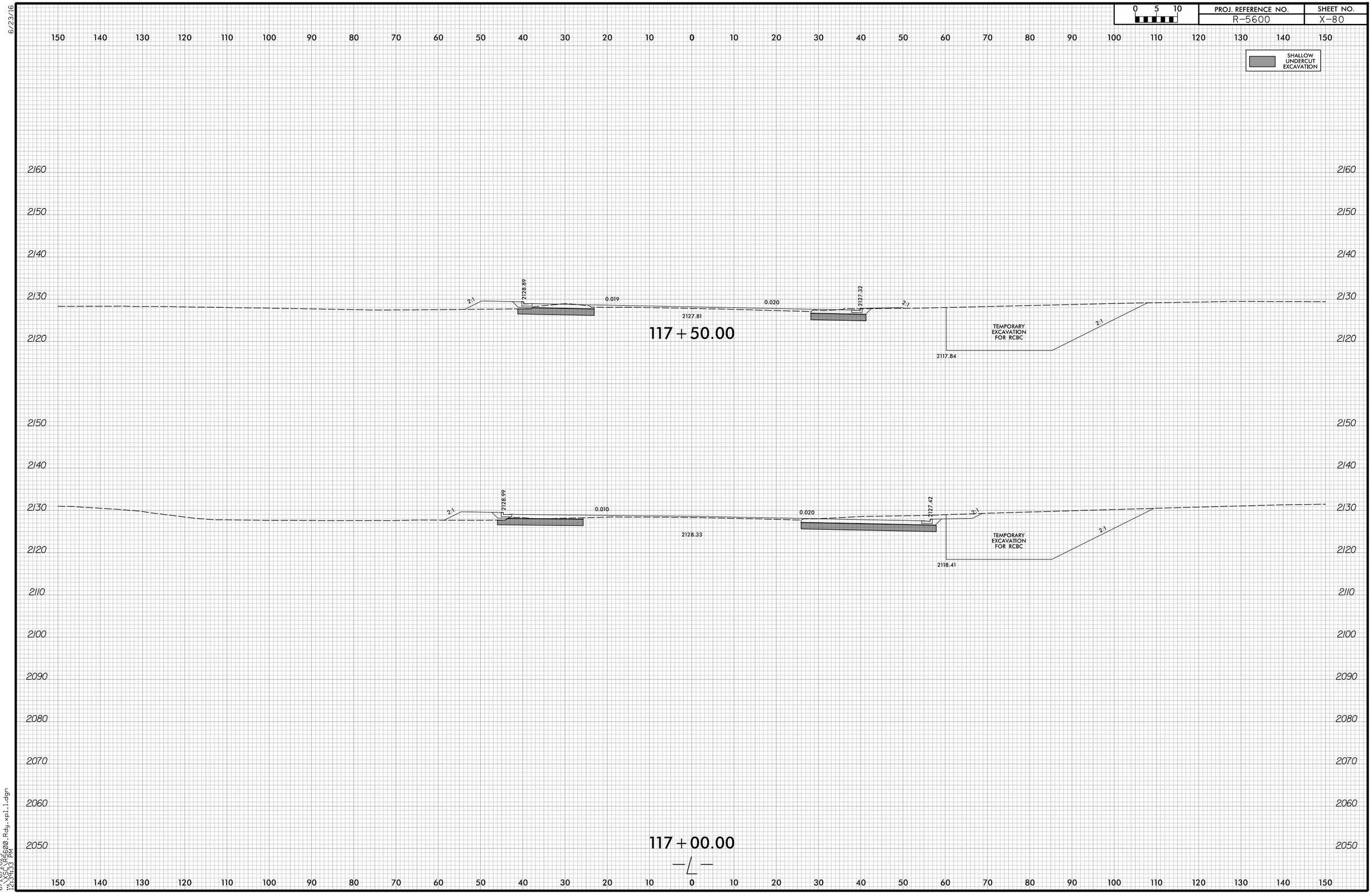
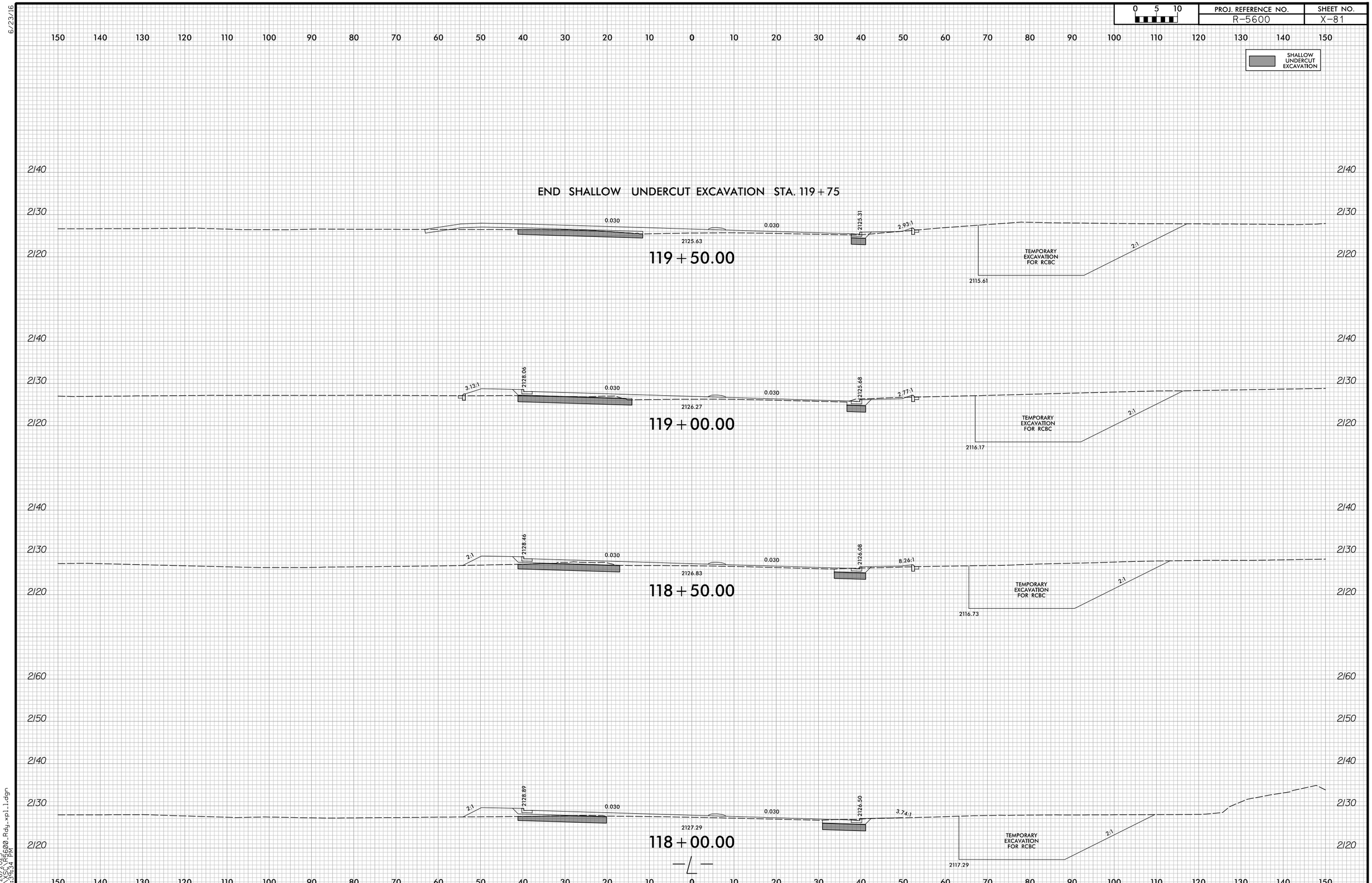
12:39:33 PM



6/23/16

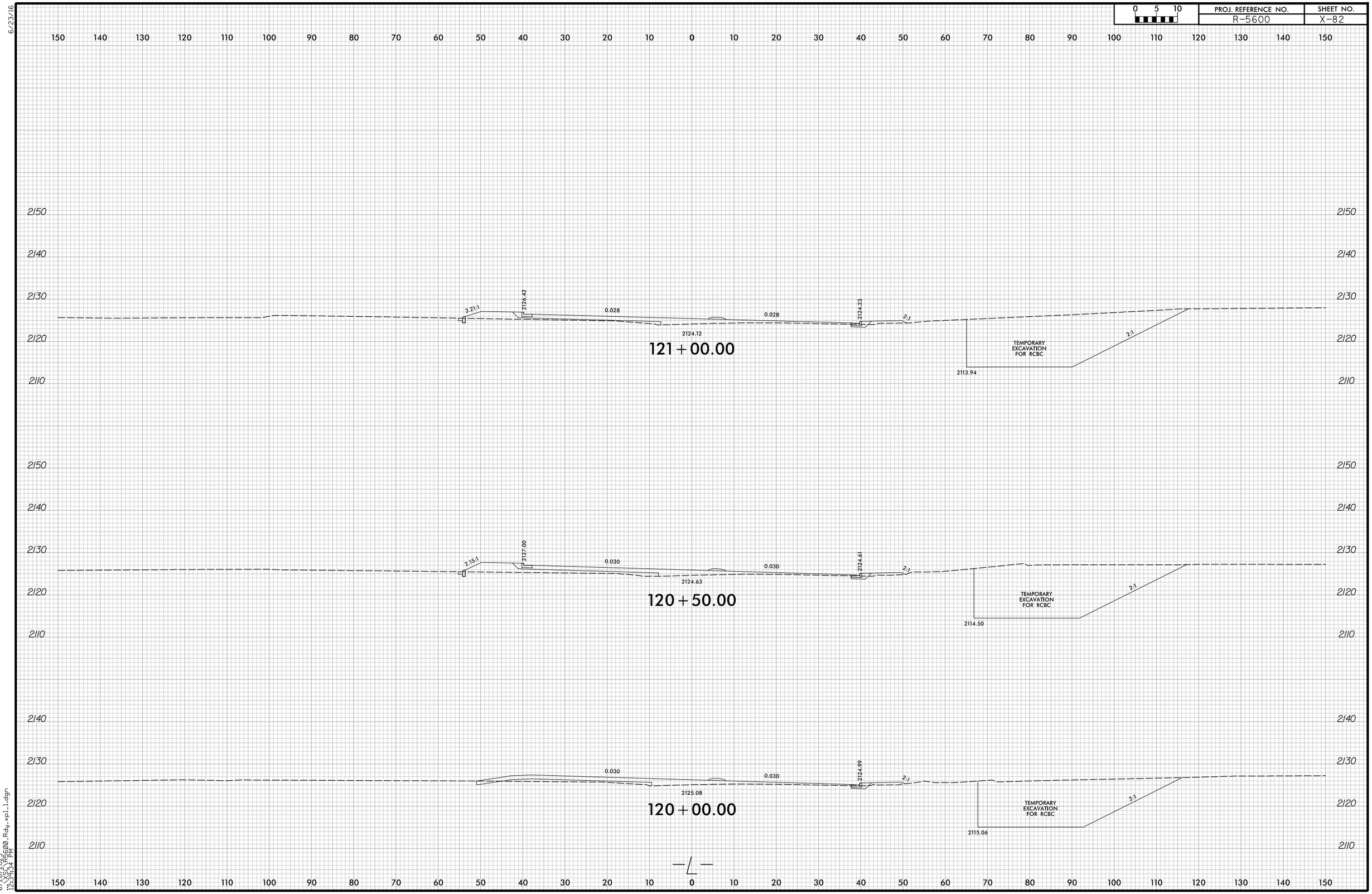
6/26/2025
...\XSC\R5600_Rdy_xpl_1.dgn
12:39:33 PM

PROJ. REFERENCE NO. R-5600
SHEET NO. X-81

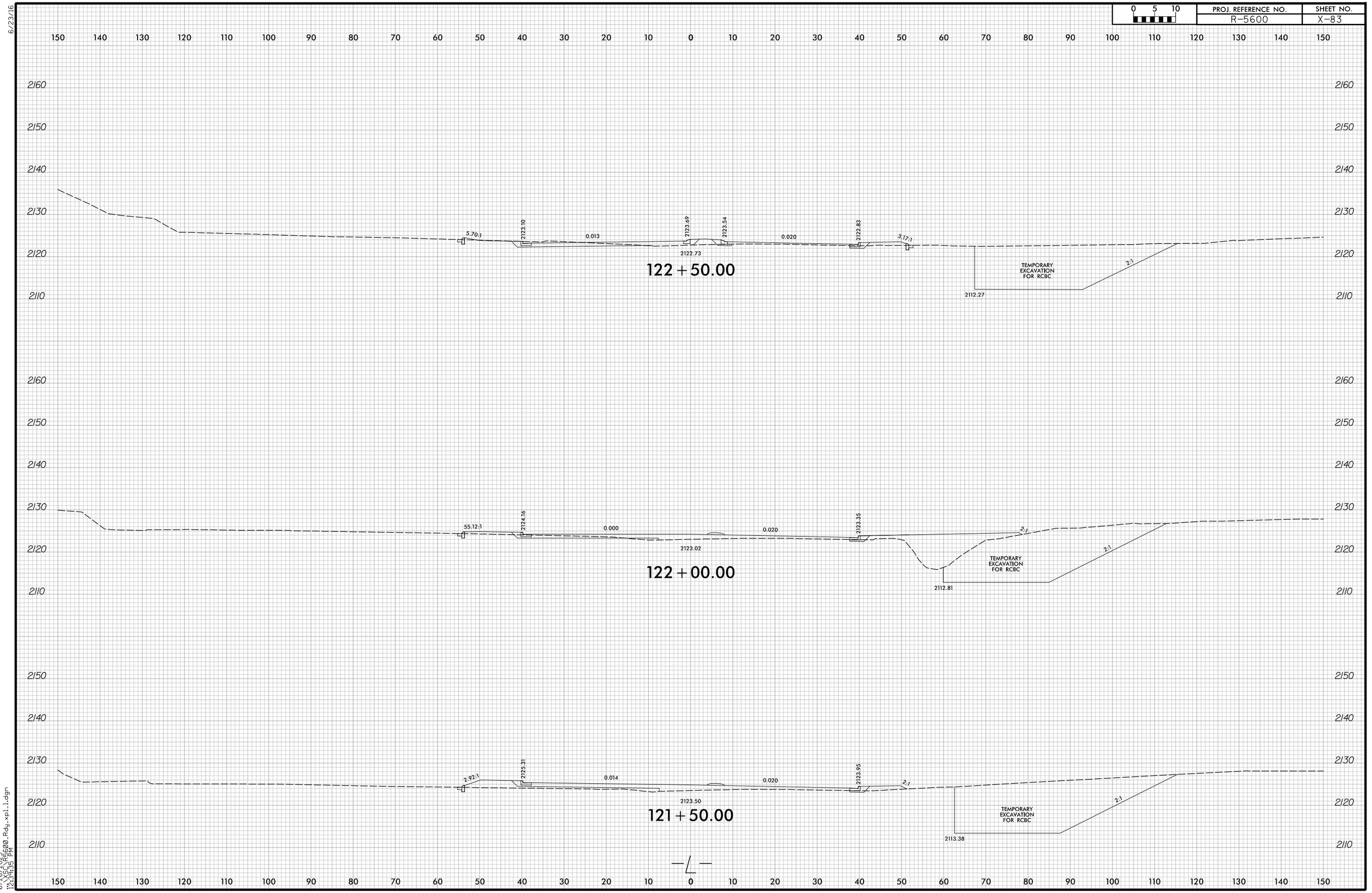


6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_1.dgn
12:39:34 PM



0 5 10
PROJ. REFERENCE NO.
R-5600
SHEET NO.
X-82
6/23/16
3.21:1
2126.42
0.028
0.028
2124.23
2:1
2124.12
121+00.00
TEMPORARY EXCAVATION FOR RCBC
2:1
2113.94
2.15:1
2127.00
0.030
0.030
2124.61
2:1
2124.63
120+50.00
TEMPORARY EXCAVATION FOR RCBC
2:1
2114.50
0.030
0.030
2124.99
2:1
2125.08
120+00.00
TEMPORARY EXCAVATION FOR RCBC
2:1
2115.06
6/26/2025
12:39:34 PM



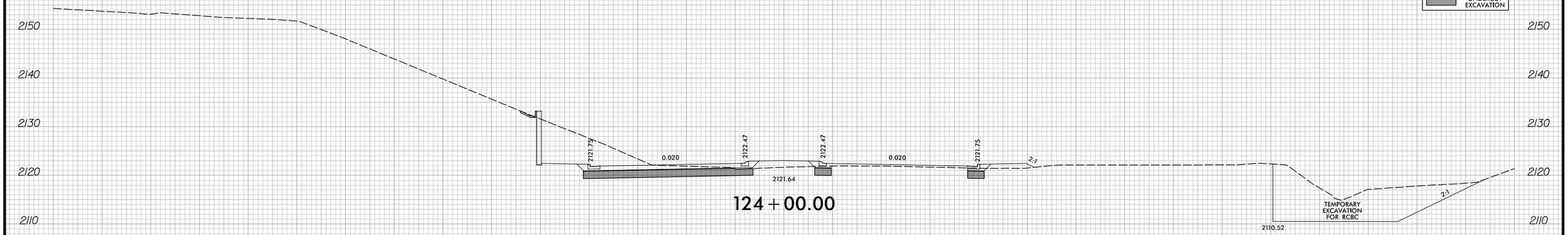
6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_1.dgn
12:39:35 PM

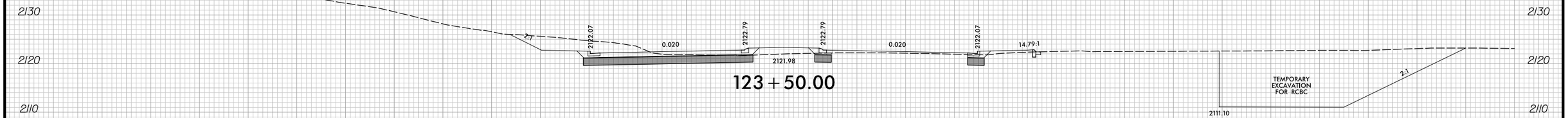
6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-84

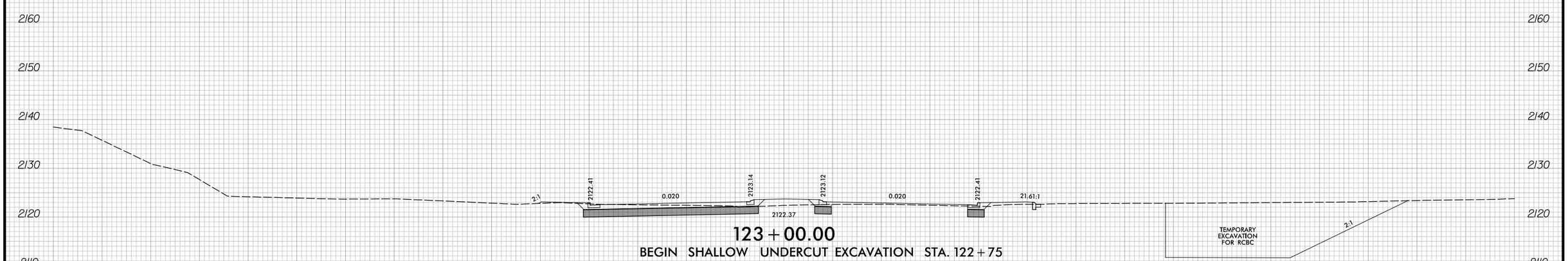
SHALLOW UNDERCUT EXCAVATION



124+00.00



123+50.00



123+00.00

BEGIN SHALLOW UNDERCUT EXCAVATION STA. 122+75

6/26/2025
12:39:35 PM
R5600_Rdy-xpl.1.dgn

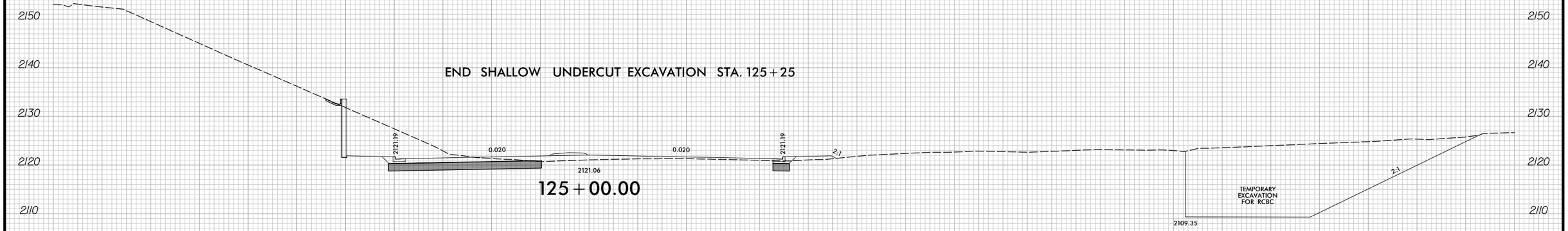
6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-85

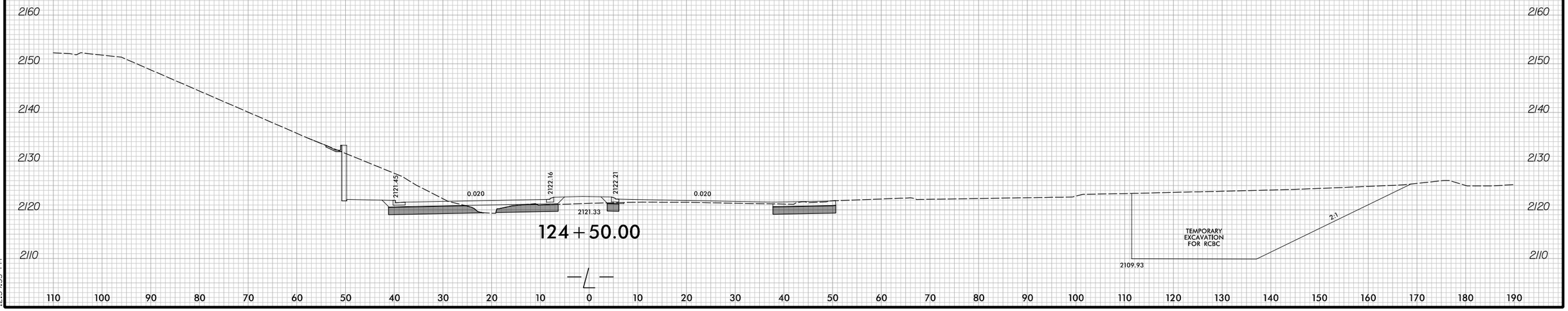
SHALLOW UNDERCUT EXCAVATION

125+50.00

END SHALLOW UNDERCUT EXCAVATION STA. 125+25



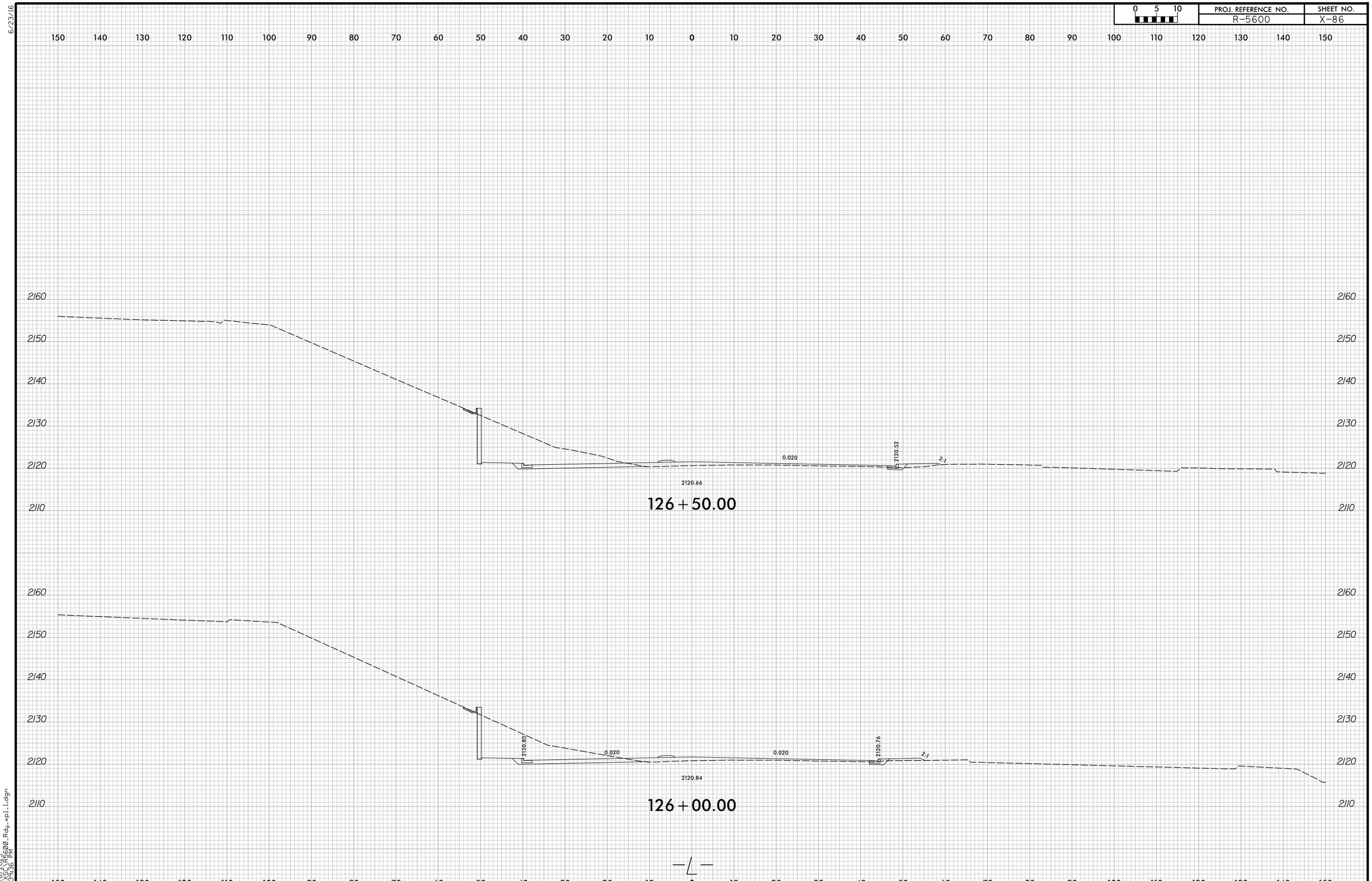
125+00.00



124+50.00

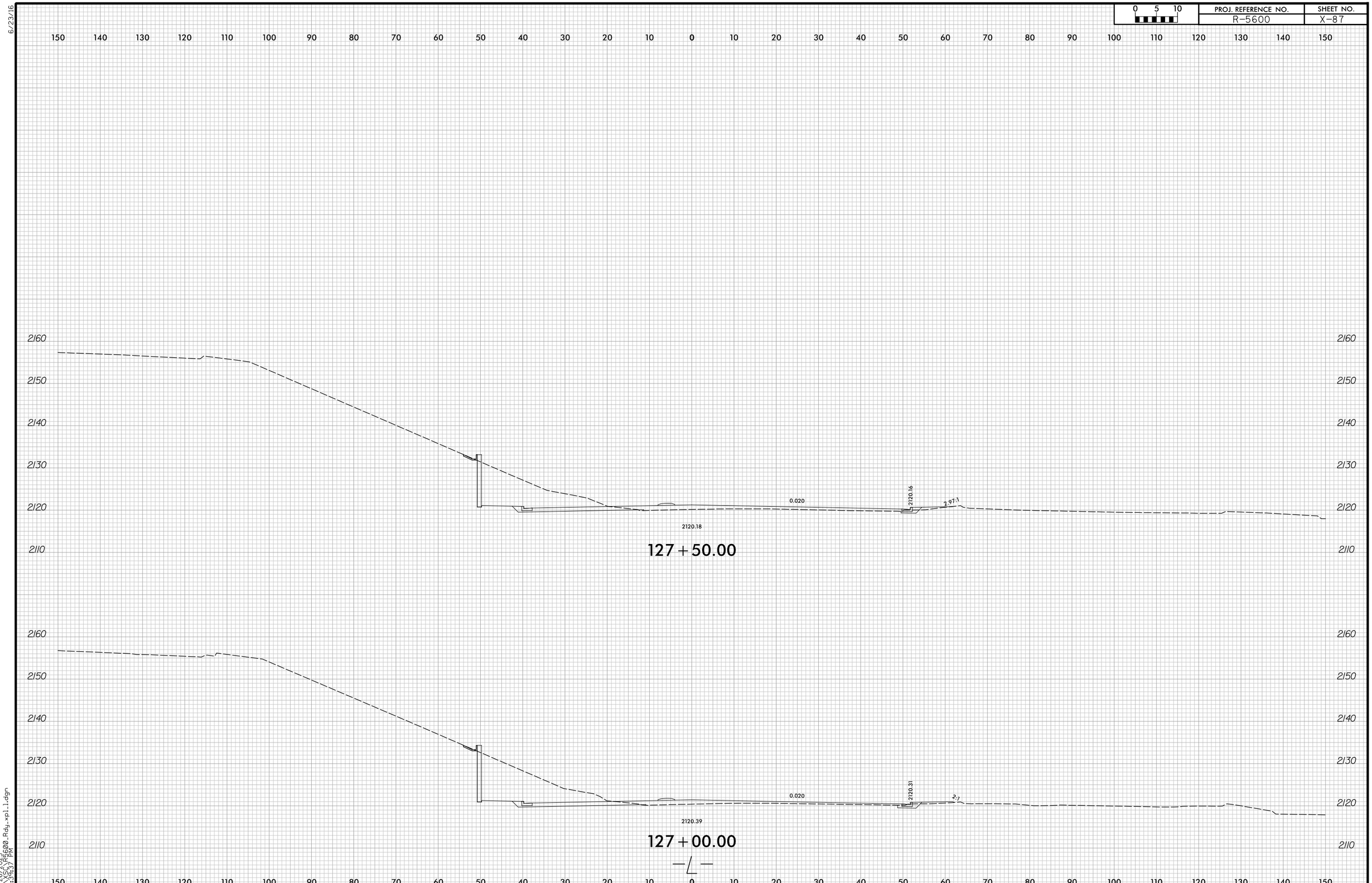
6/25/2025
12:39:35 PM
R5600_Rdy_xpl1.dgn

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-86



6/23/16

6/26/2025
\\XSC\R5600_Rdy_xpl_1.dgn
12:39:36 PM



6/23/16

6/26/2025
..\XSC\R5600_Rdy_xpl_1.dgn
12:39:37 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-88

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

SHALLOW UNDERCUT EXCAVATION

2170
2160
2150
2140
2130
2120
2110

0.020

2119.86

2:1

2119.52

128+50.00

BEGIN SHALLOW UNDERCUT EXCAVATION STA. 128+25

2170
2160
2150
2140
2130
2120
2110

0.020

2120.01

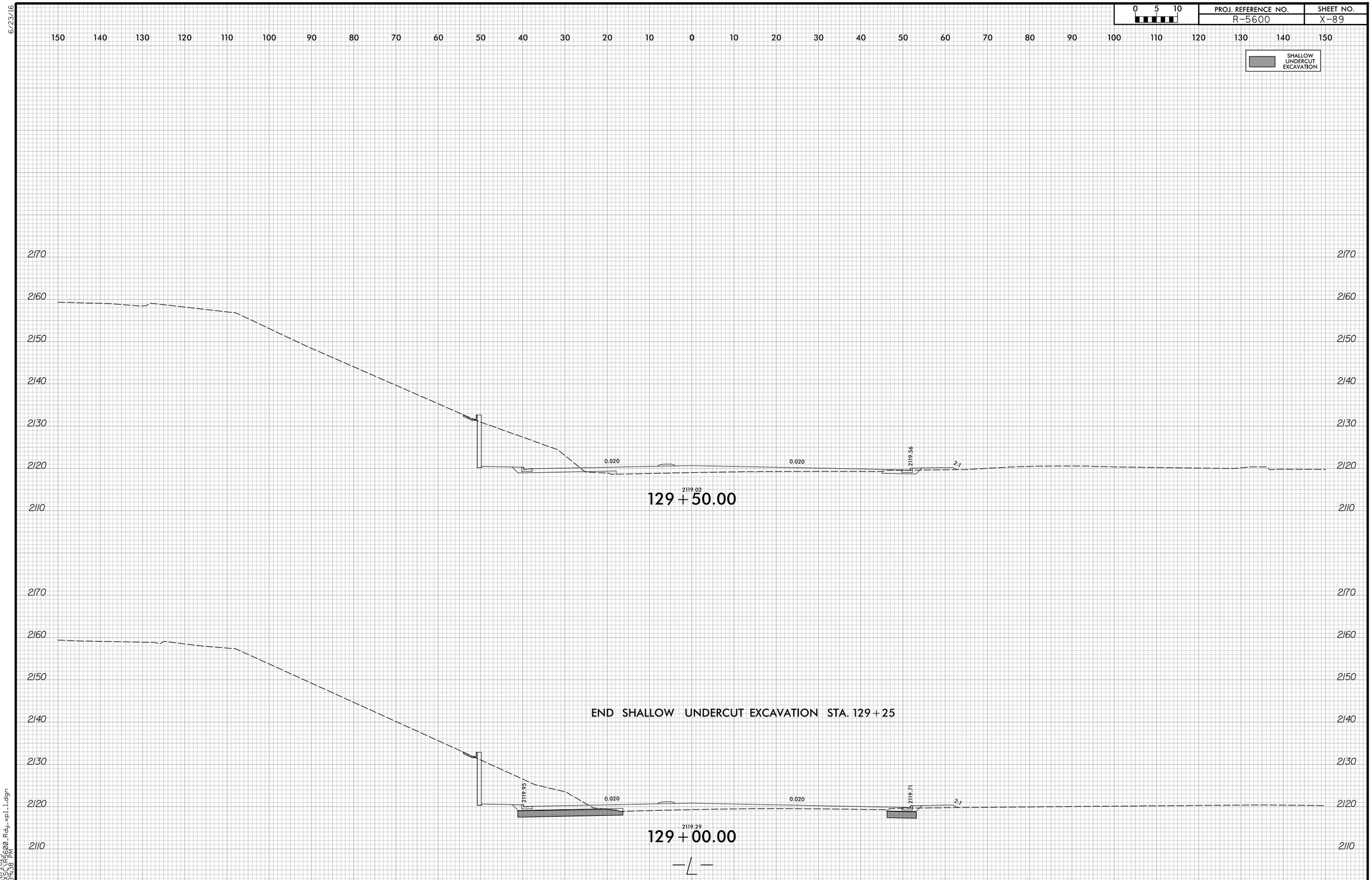
12.38:1

2119.86

128+00.00

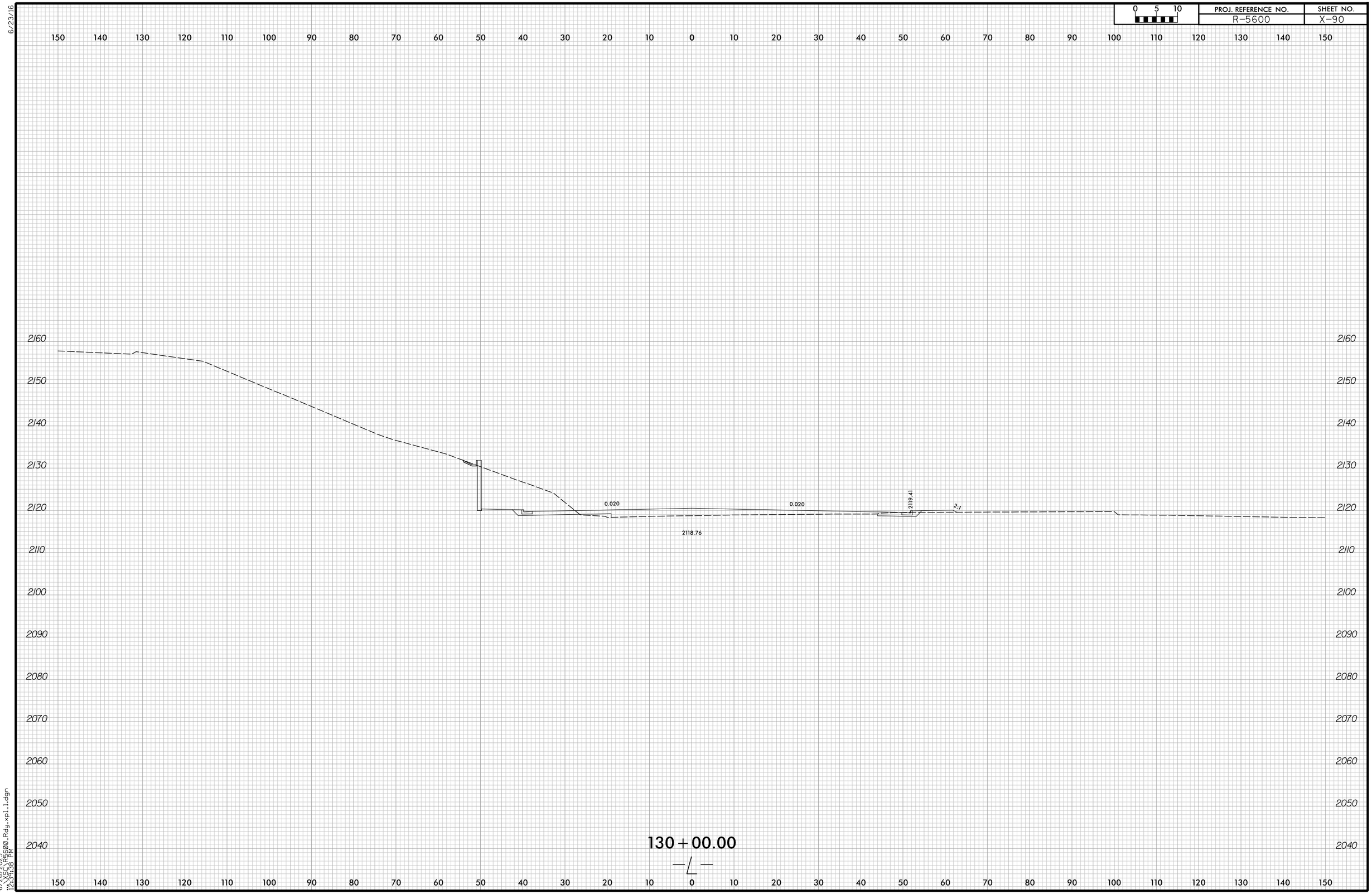
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

6/25/2025
R5600Rdy_xpl1.dgn
12:39:37 PM



6/23/16

6/26/2025
\XSC\R5600_Rdy_xpl_1.dgn
12:39:38 PM



0 5 10
PROJ. REFERENCE NO.
R-5600
SHEET NO.
X-90
6/23/16
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
2160
2150
2140
2130
2120
2110
2100
2090
2080
2070
2060
2050
2040
0.020
0.020
2119.41
2:1
2118.76
130+00.00
6/26/2025
...\XSC\R5600_Rdy_xpl_1.dgn
12:39:38 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-91

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

2160
2150
2140
2130
2120
2110
2100
2090
2080
2070
2060
2050
2040

0.020
0.020
2119.12
2:1
2118.50

130+50.00

6/25/2025
R5600.Rdy.xpl.dgn
12:39:39 PM

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

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-92

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

2160
2150
2140
2130
2120
2110
2100
2090
2080
2070
2060
2050
2040

INTERSECTION SHEAR -Y22-

INTERSECTION SHEAR -Y21-

0.020

0.020

0.030

2118.38

131+00.00

6/25/2025
R5600.Rdy.xpl.dgn
12:39:39 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-93

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

2140
2130
2120
2110

2:1
2118.17
0.020
0.013
2118.47
2:1
2117.76

132 + 50.00

2150
2140
2130
2120
2110

2:1
2118.71
0.020
0.020
2118.63
2:1
2117.87

132 + 00.00

2160
2150
2140
2130
2120
2110

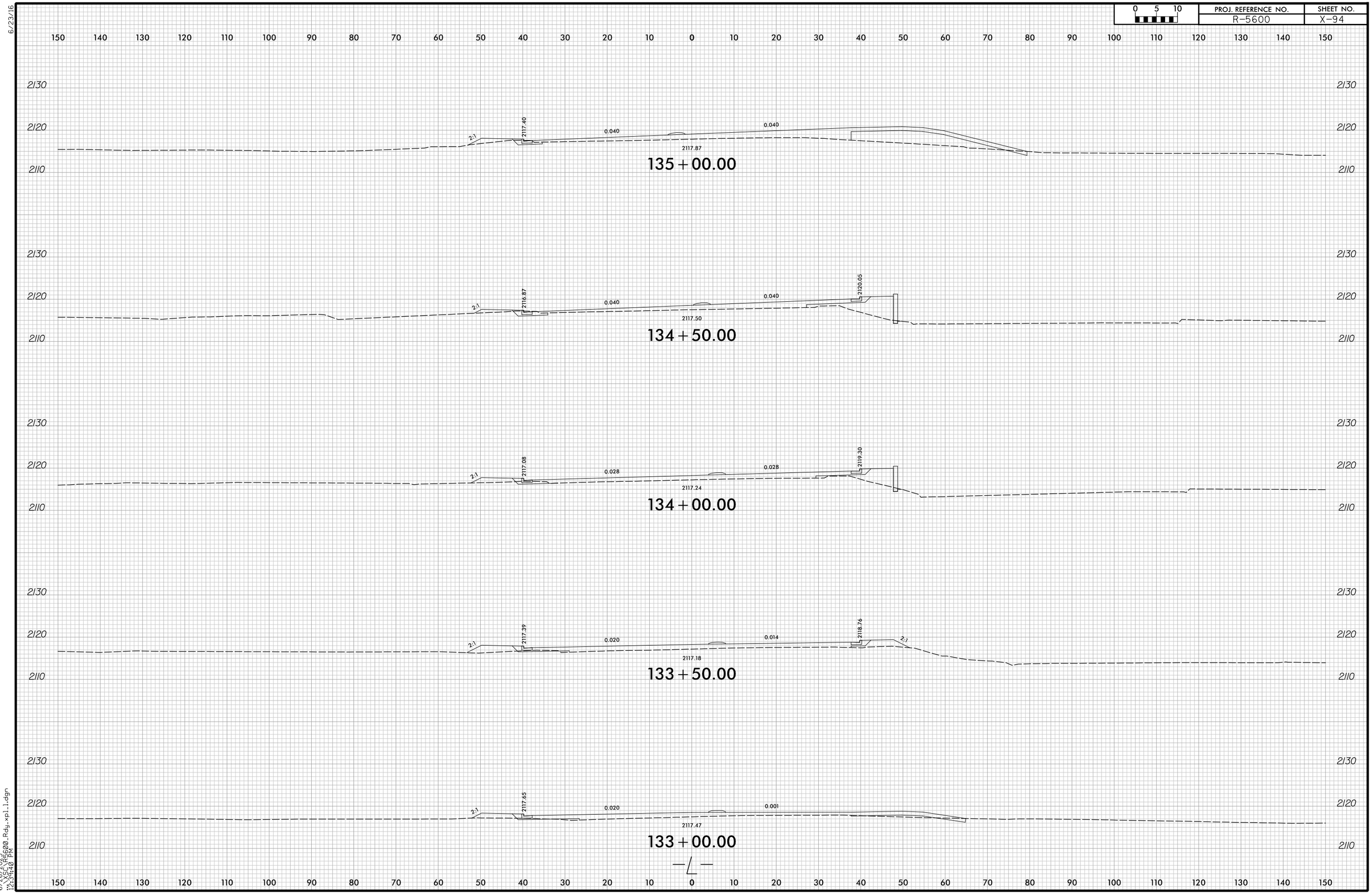
2:1
2119.07
0.020
0.020
2118.71
2:1
2118.15

131 + 50.00

—L—

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

6/26/2025
6:\SOC\R5600_Rdy_xpl1.dgn
12:39:39 PM



6/23/16

6/26/2025
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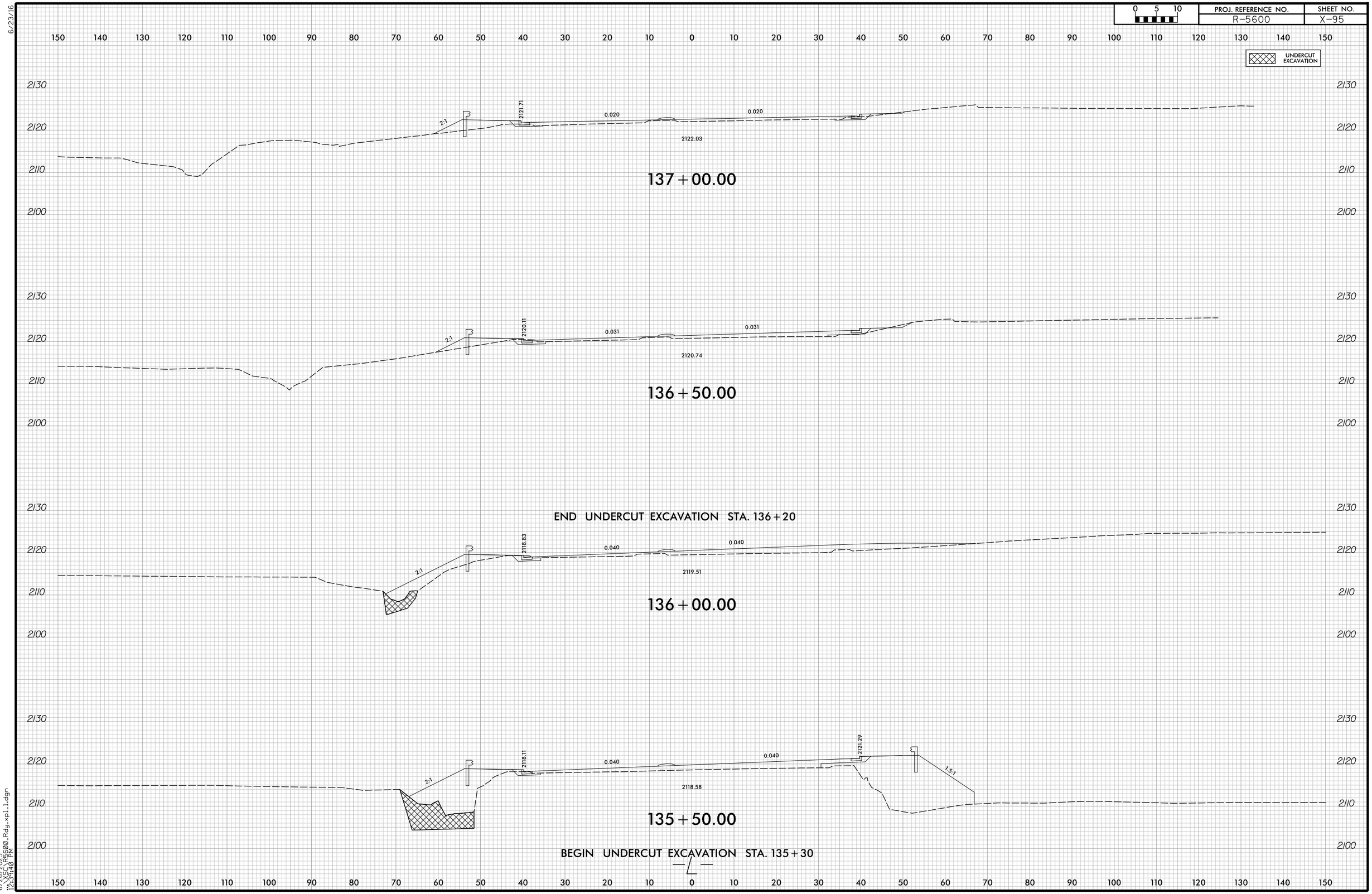
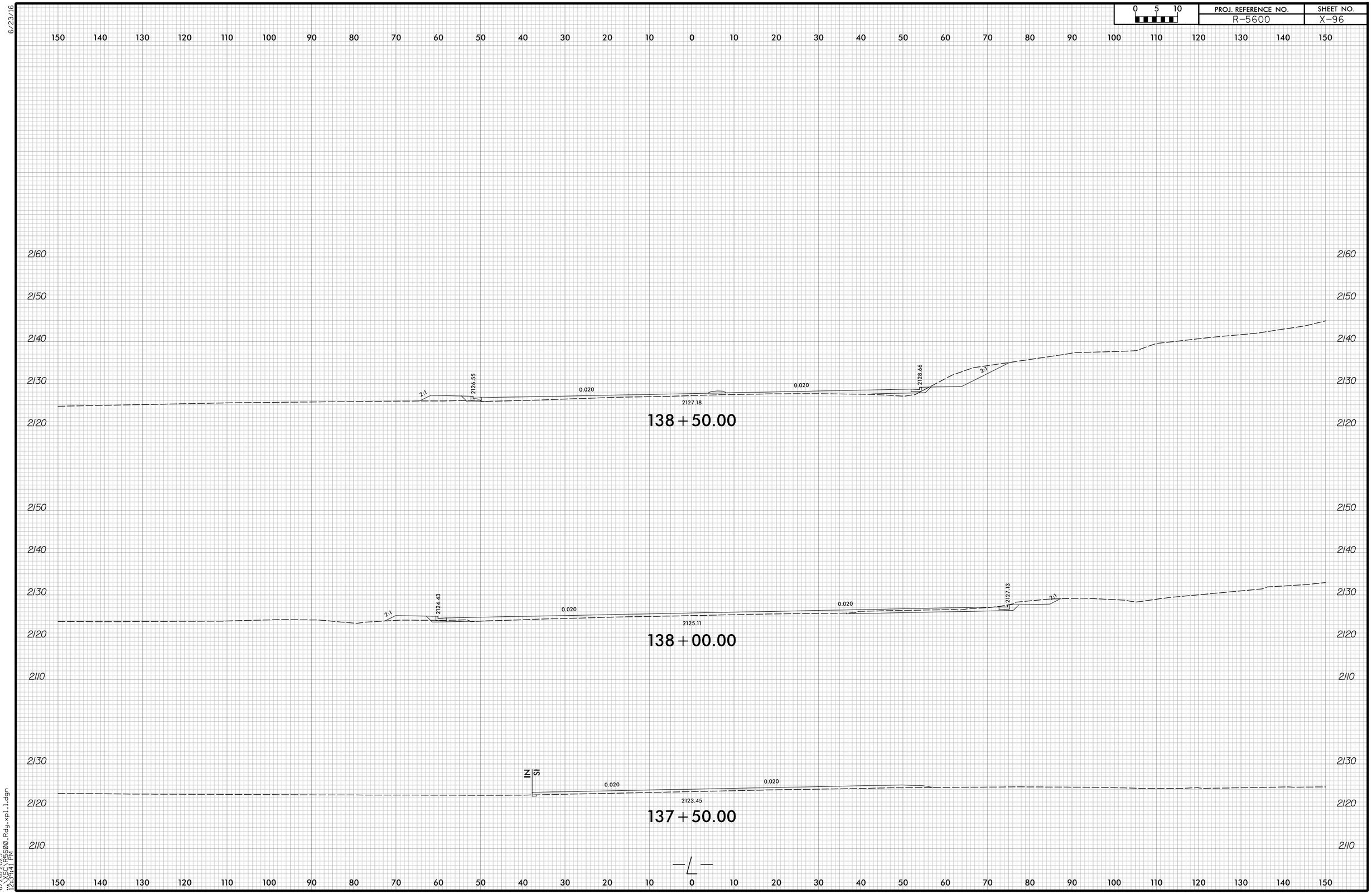
12:39:40 PM



6/23/16

6/26/2025
...\SC\R5600_Rdy_xpl_1.dgn
12:39:40 PM



6/23/16

6/26/2025
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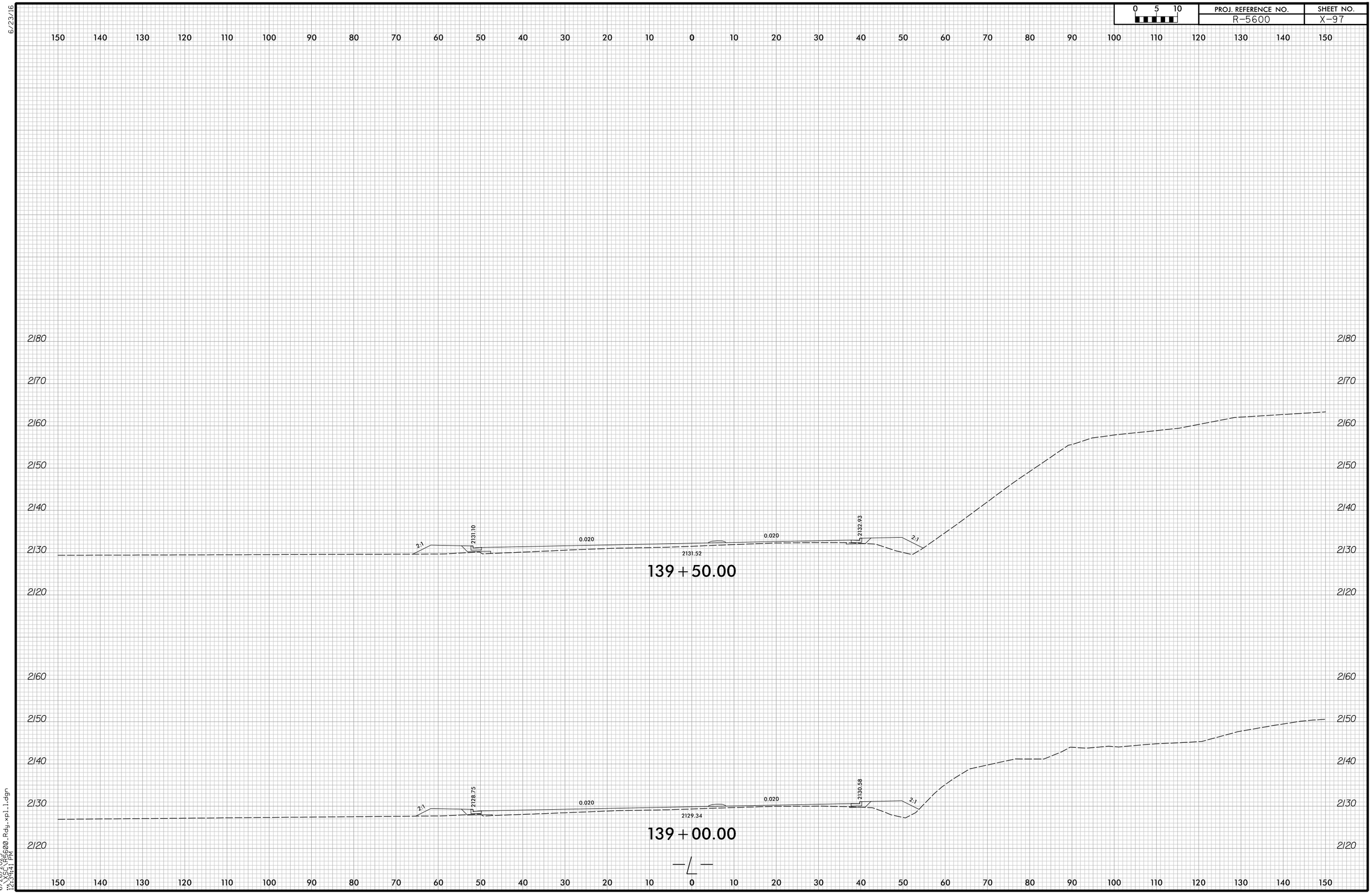
12:39:41 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-97



6/23/16

6/26/2025
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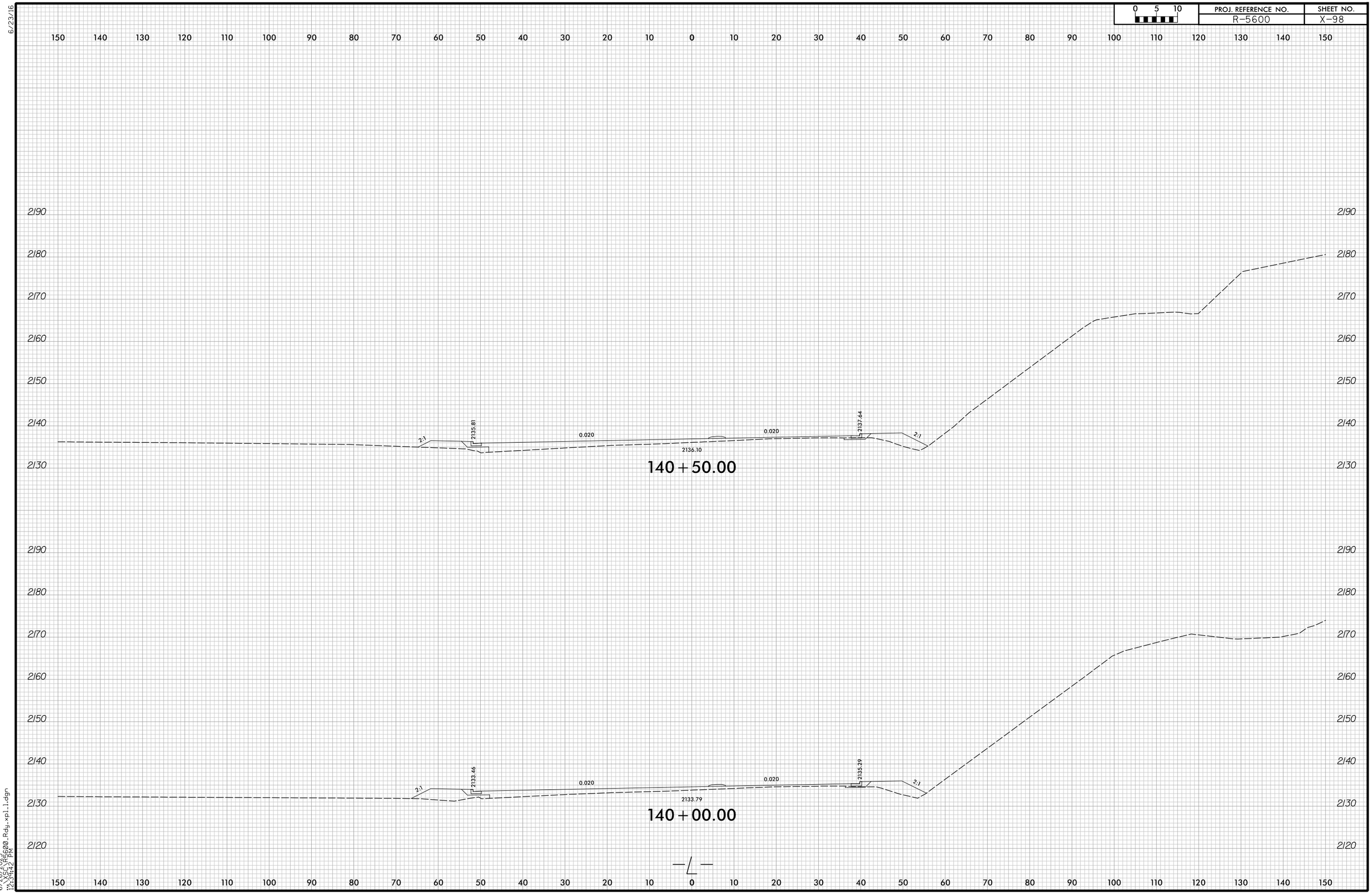
12:39:41 PM



6/23/16

6/26/2025
\\SC\R5600_Rdy_xpl_1.dgn
12:39:42 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-99

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

2190
2180
2170
2160
2150
2140
2130

2:1 2139.78 0.040 2141.02 0.040 2143.15 2:1

141+50.00

2190
2180
2170
2160
2150
2140
2130

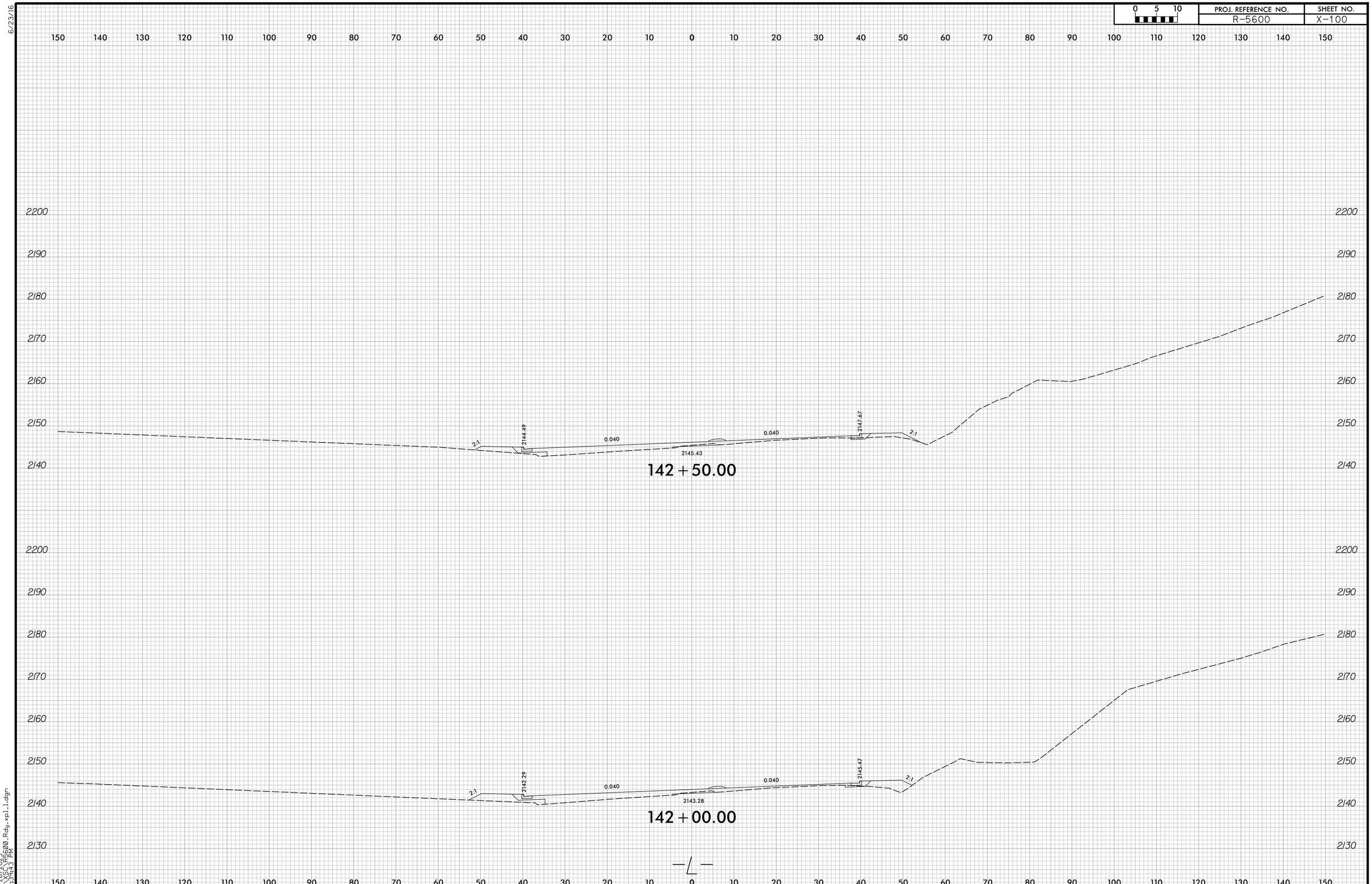
2:1 2137.60 0.032 2138.43 0.032 2140.47 2:1

141+00.00

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

6/25/2025
12:39:43 PM
R5600_Rdy_xpl1.dgn

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-100

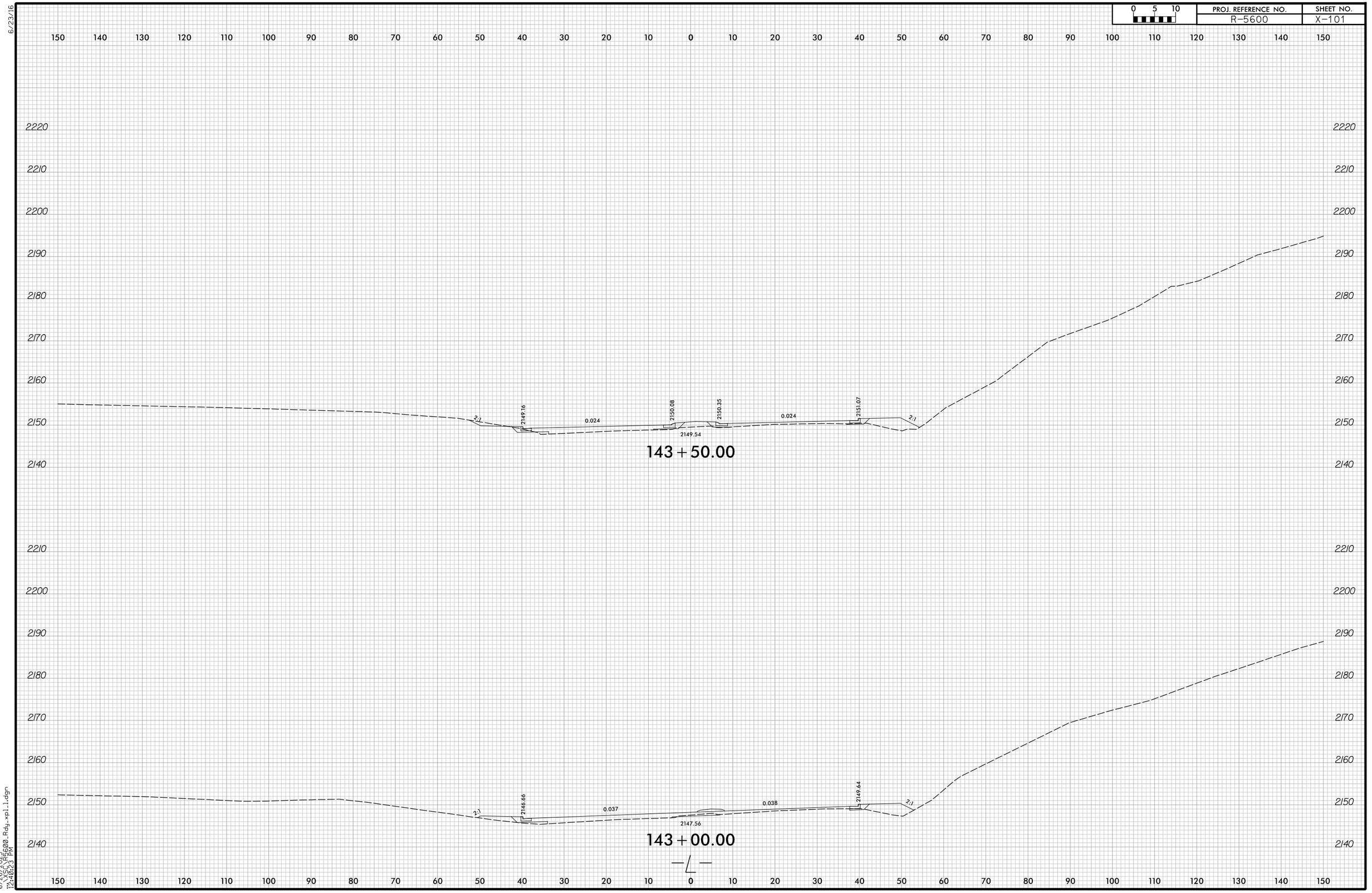


6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_1.dgn
12:39:43 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-101



6/25/2025
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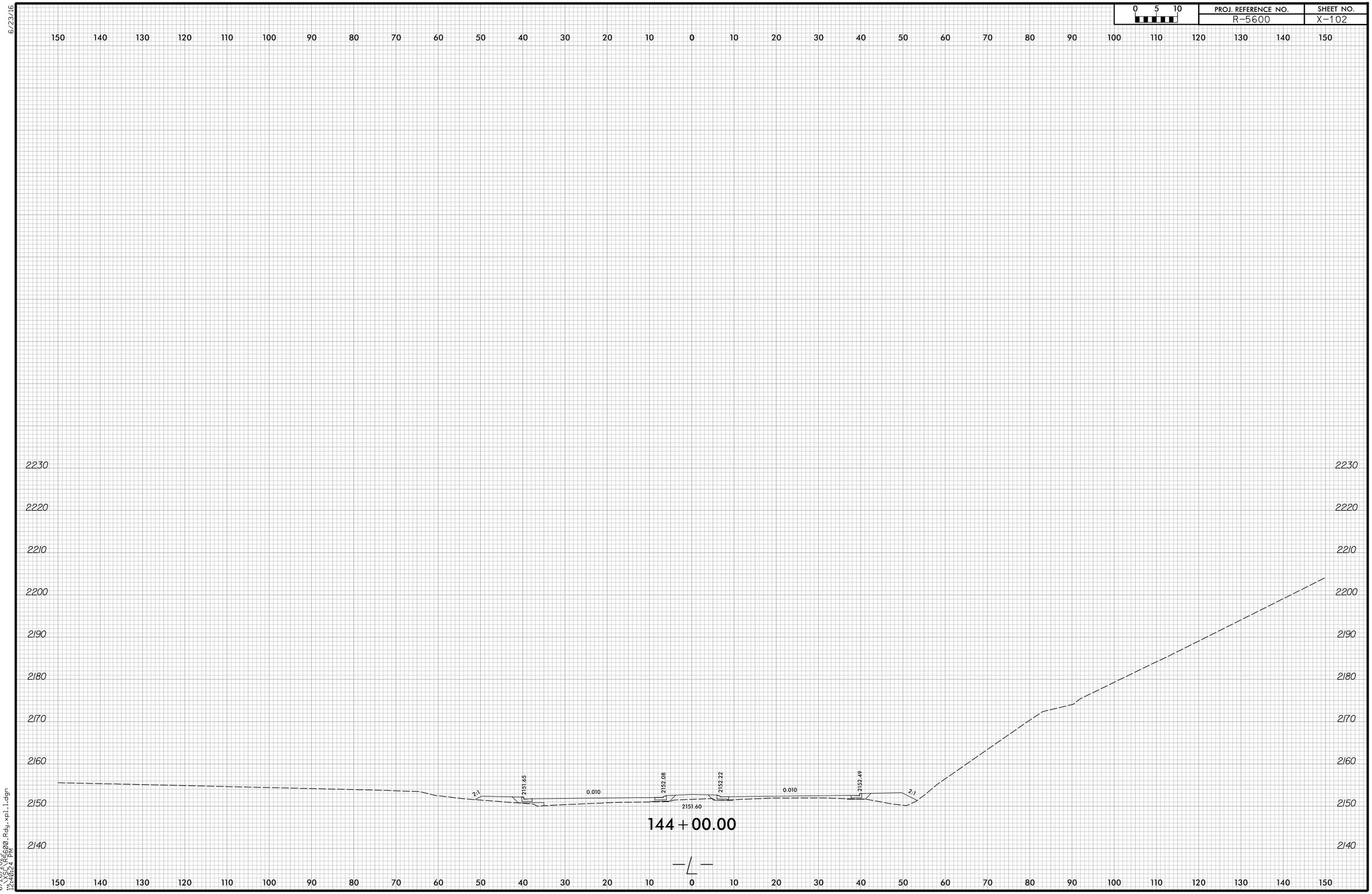
R5600_Rdy_xpl1.dgn

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-102

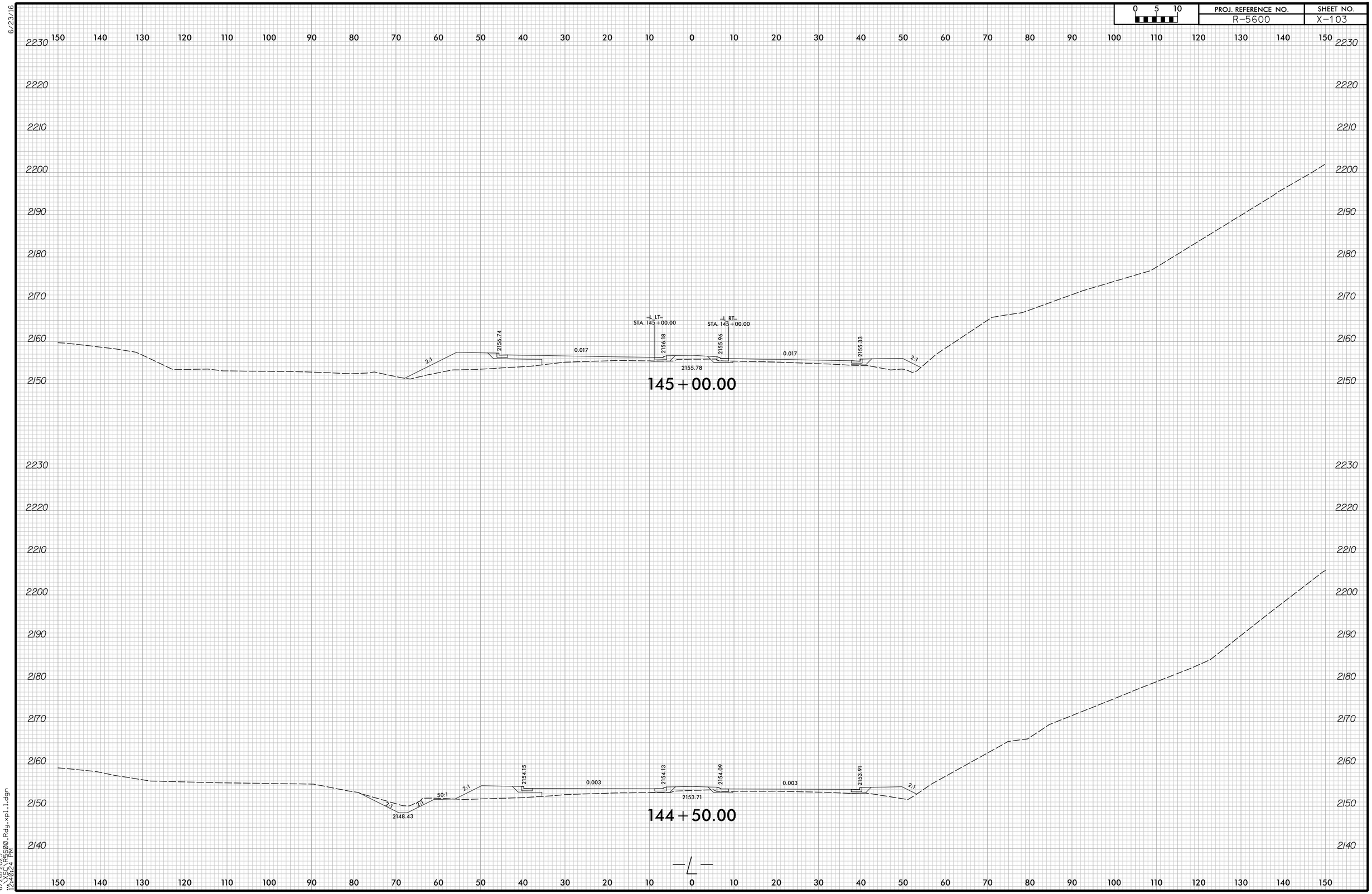


6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_1.dgn
12:40:24 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-103



6/26/2025
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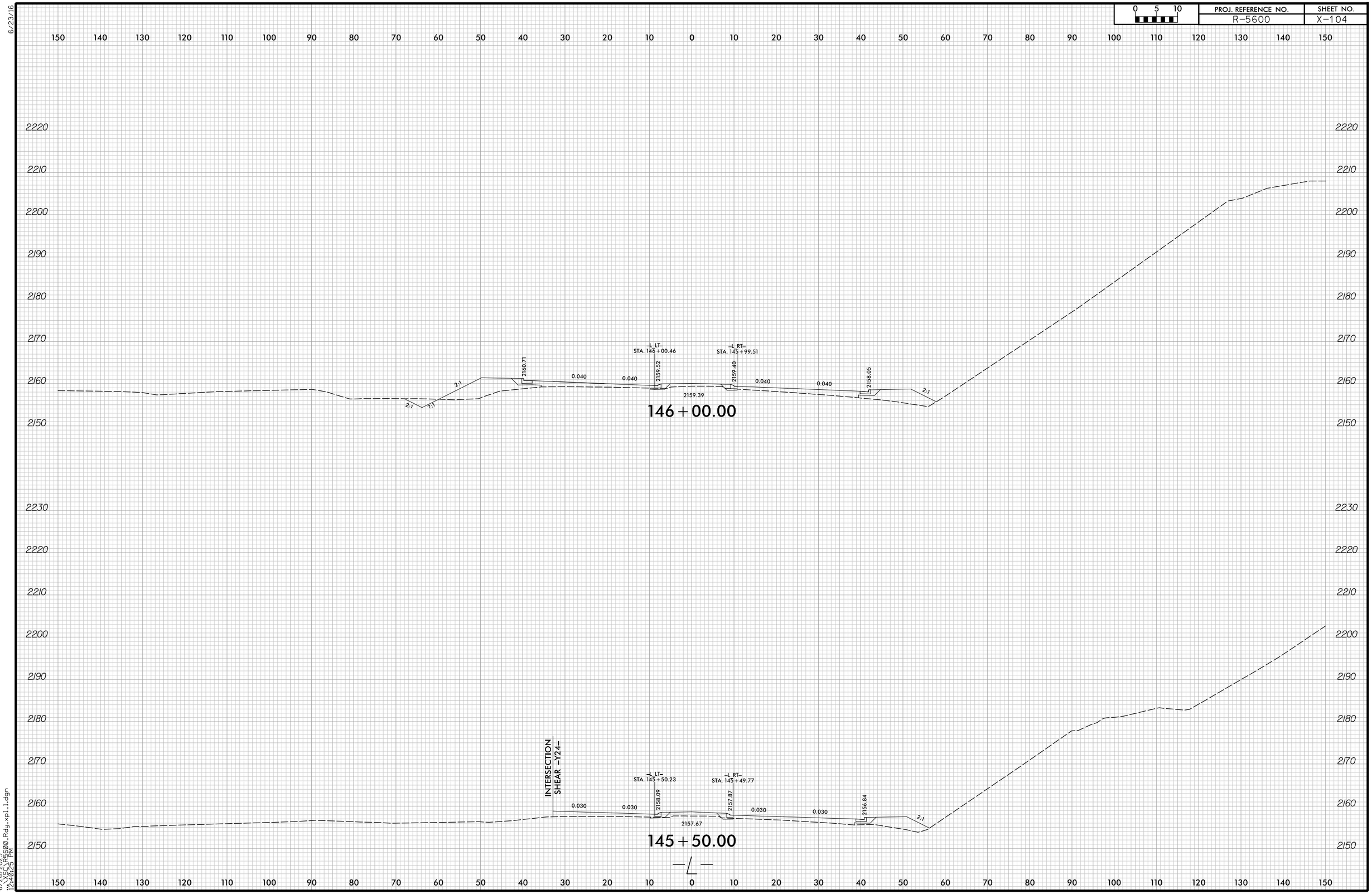
12:48:24 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-104



6/23/16

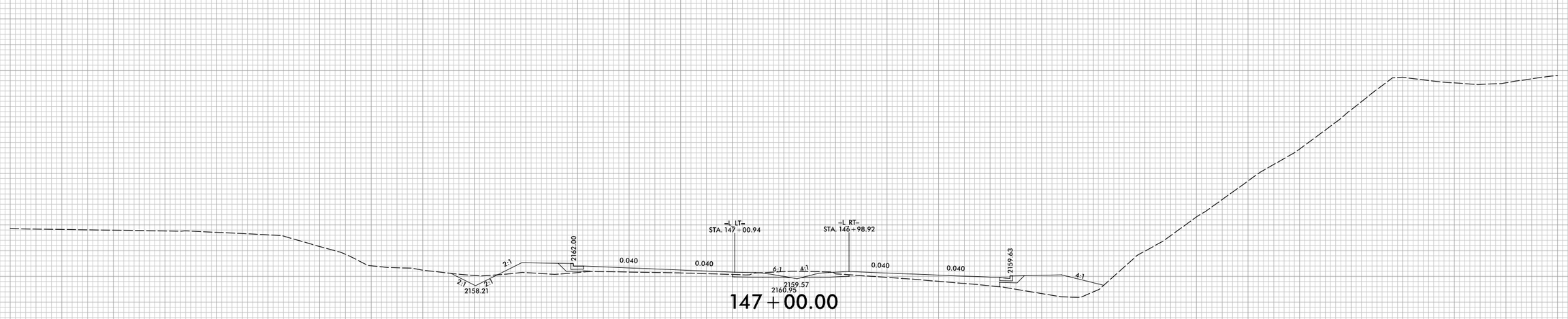
6/26/2025
...\XSC\R5600_Rdy_xpl_1.dgn
12:40:25 PM

6/23/16

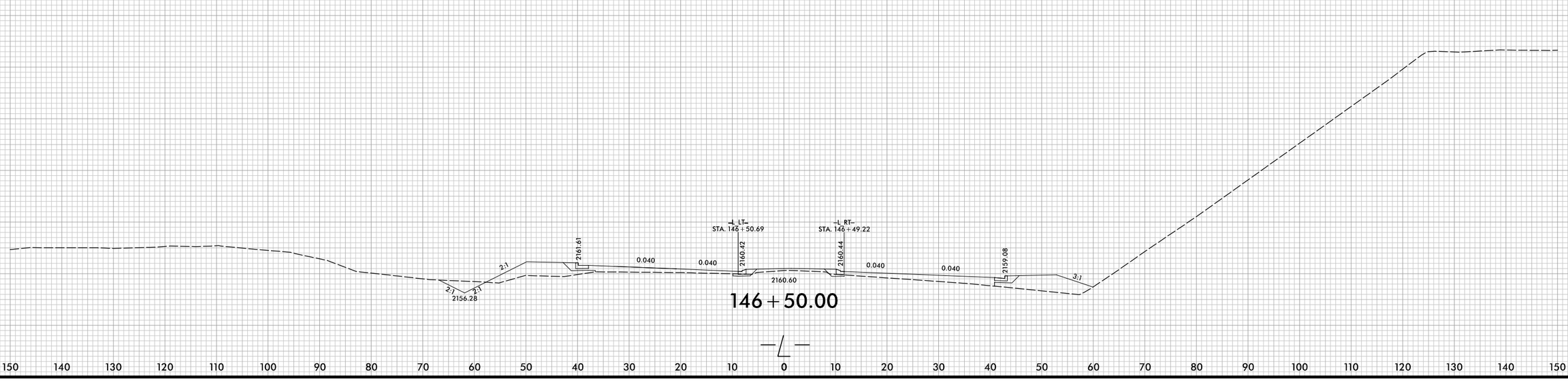
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-105

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

2210 2200 2190 2180 2170 2160 2150



147+00.00

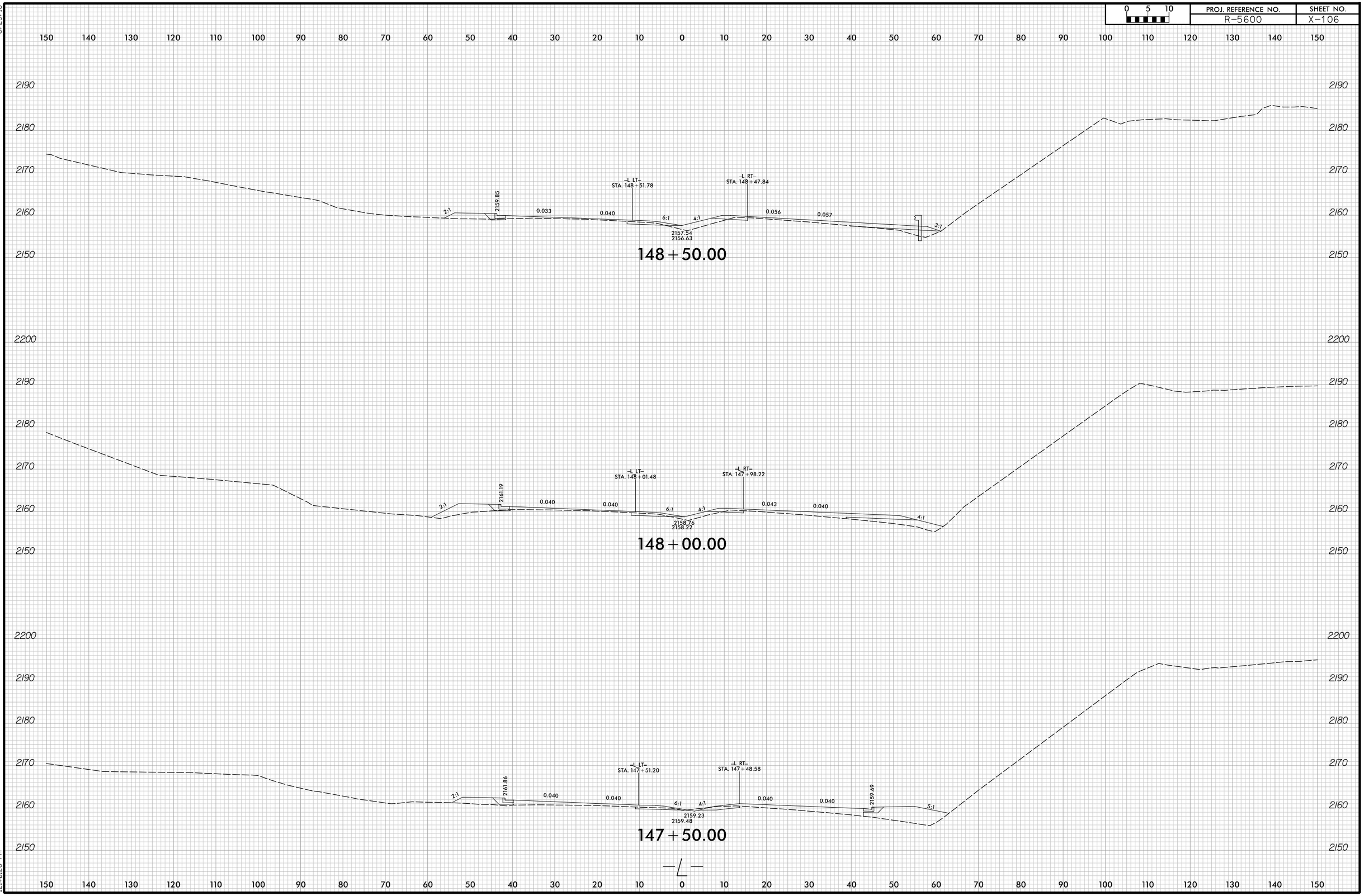


146+50.00

—L—

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

6/23/2025
X-105_R5600_Rdy_xpl1.dgn
12:40:25 PM



6/23/16

6/26/2025
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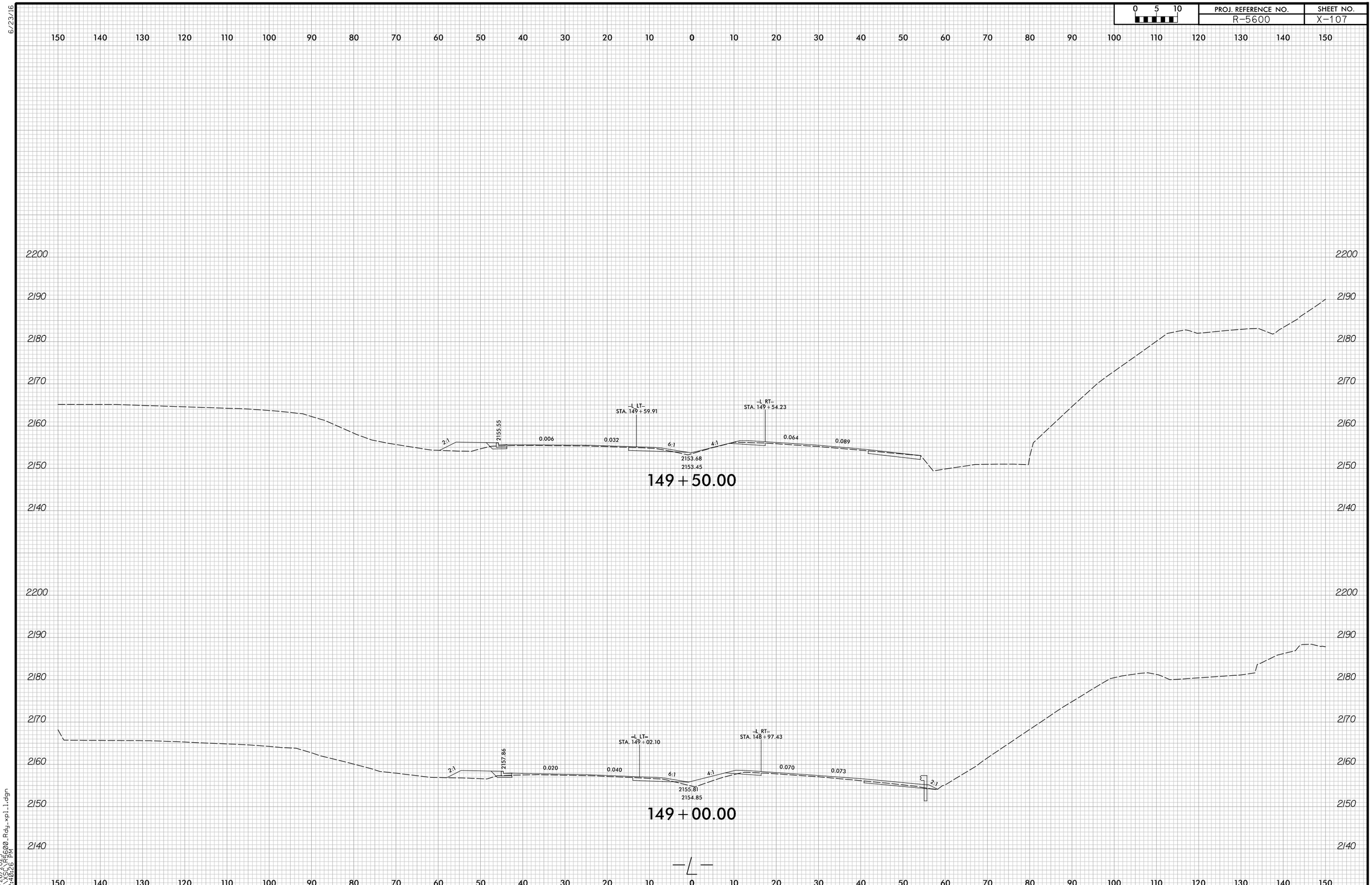
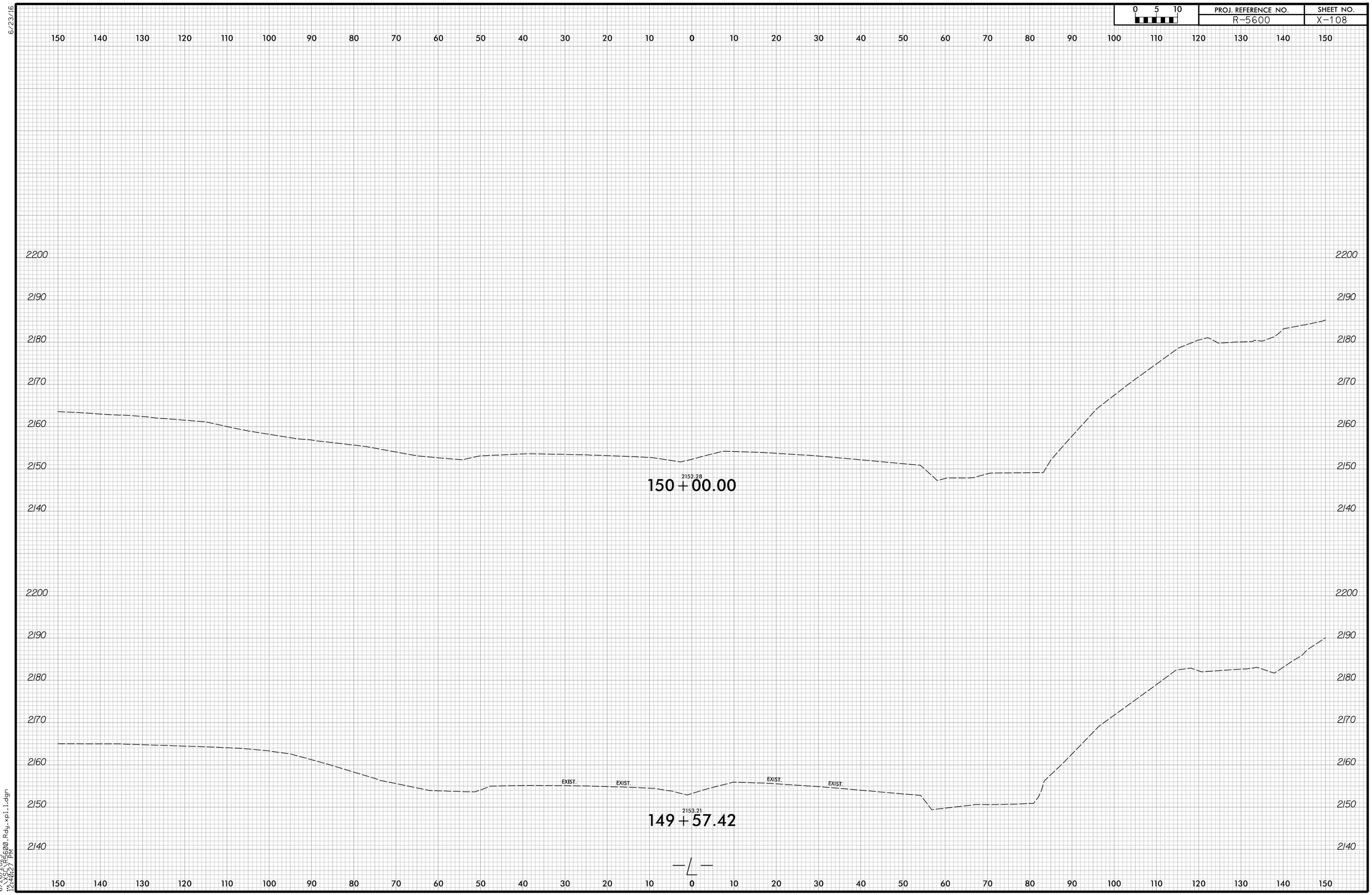
12:40:26 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-107



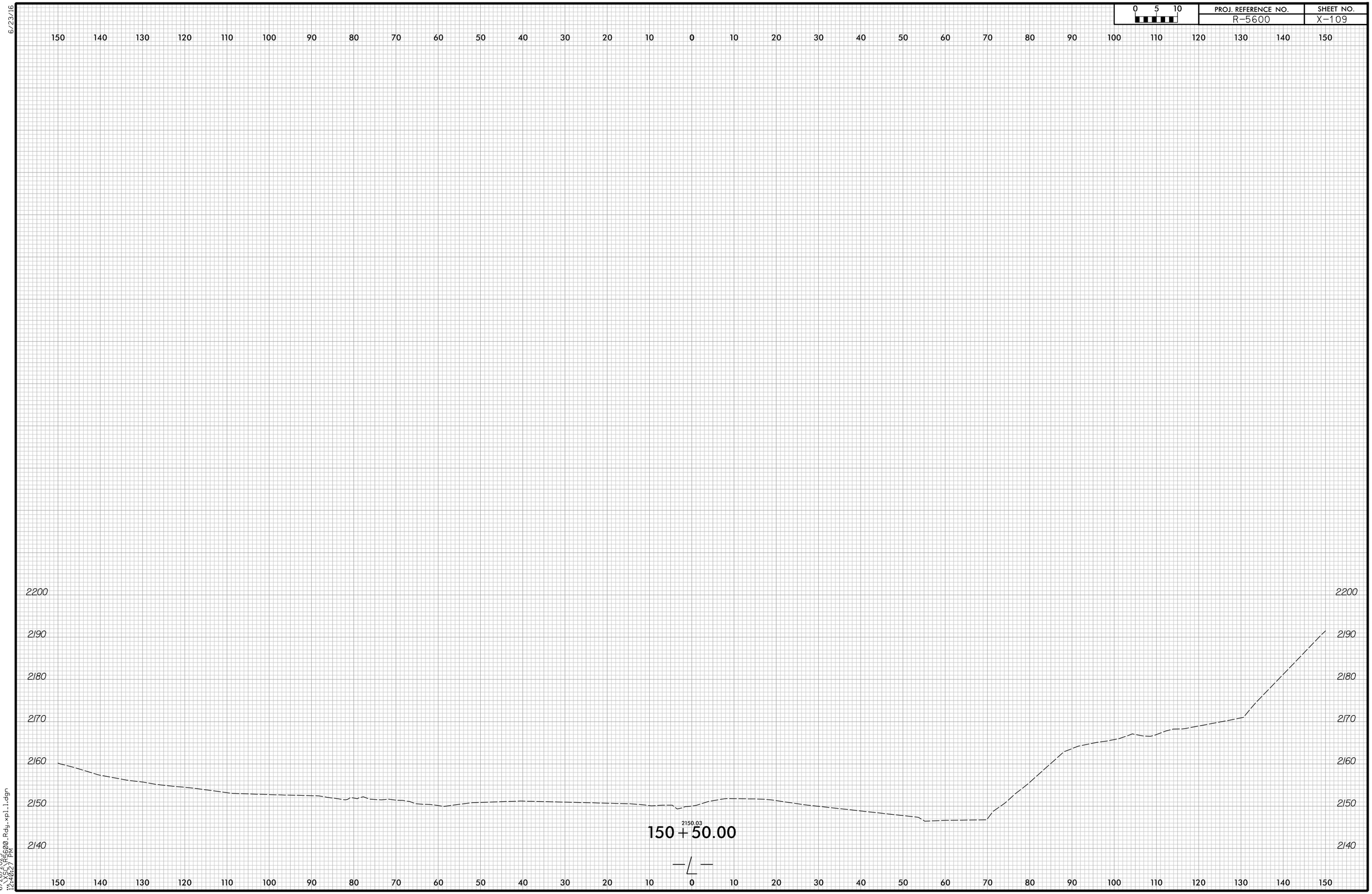
6/23/16

6/26/2025
:\XSC\R5600_Rdy_xpl_1.dgn
12:40:26 PM



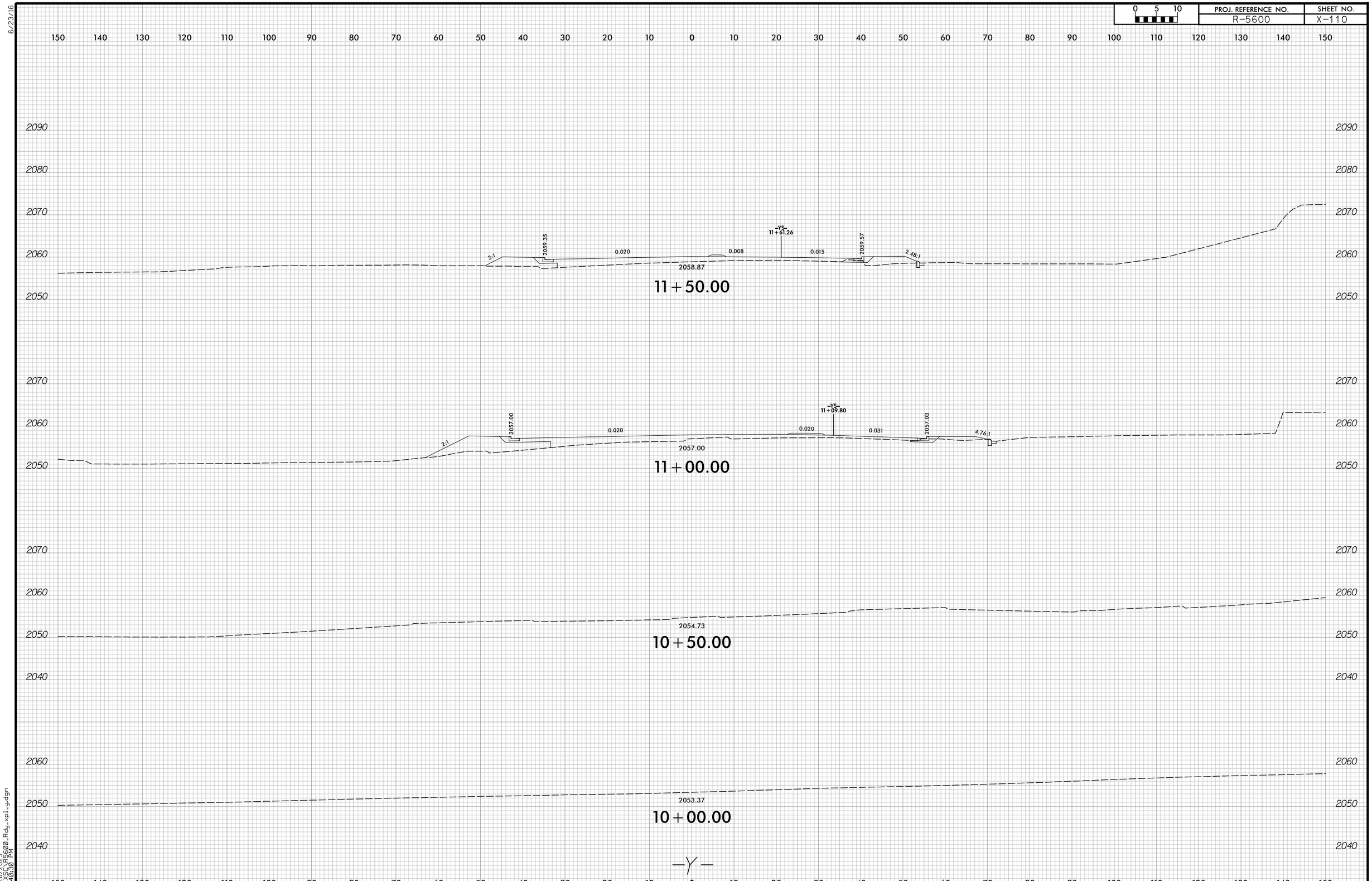
6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_1.dgn
12:40:27 PM



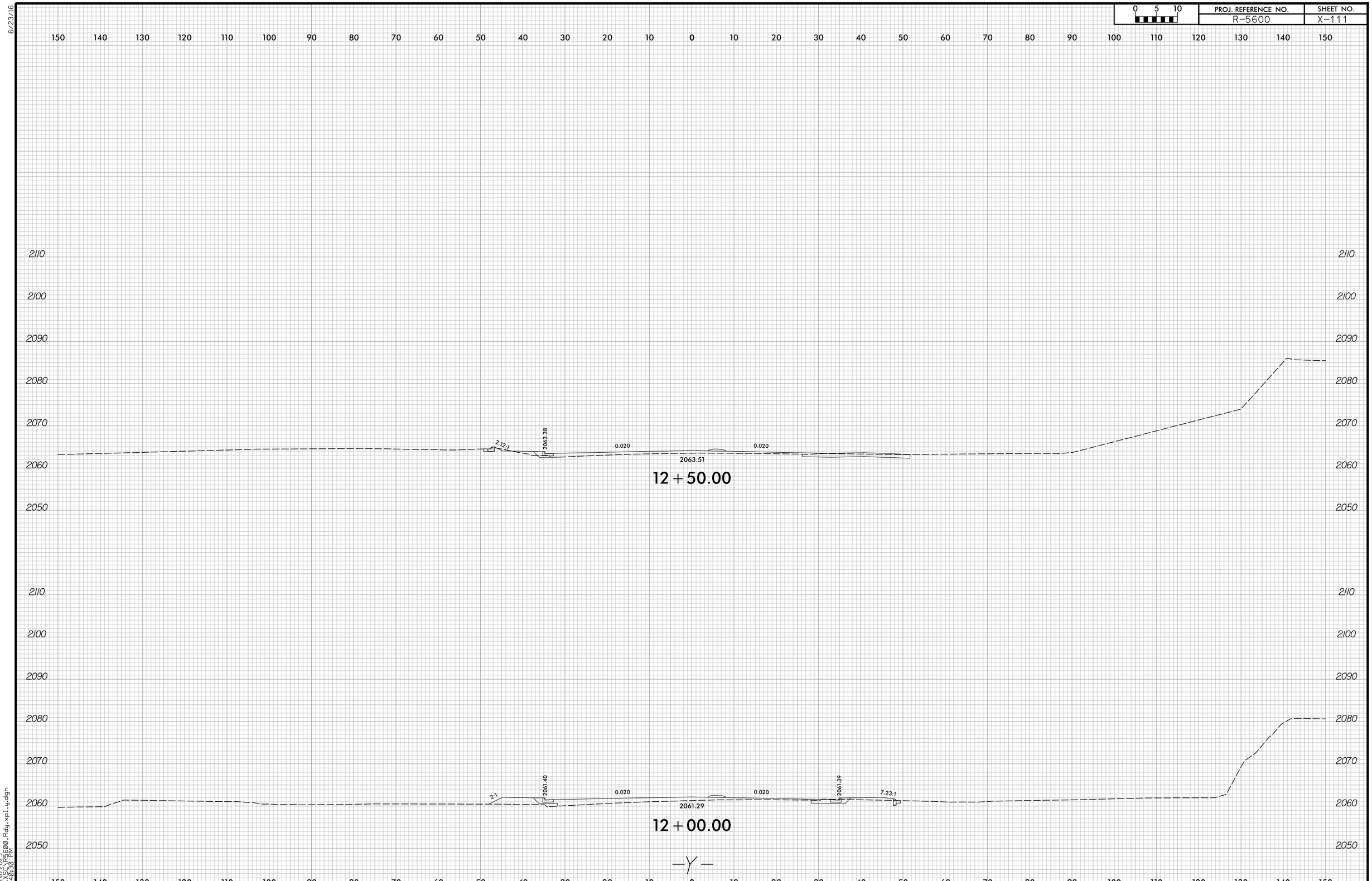
6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_1.dgn
12:40:27 PM



6/23/16

6/26/2025
\\XSC\R5600_Rdy_xpl_y.dgn
12:40:30 PM



6/23/16

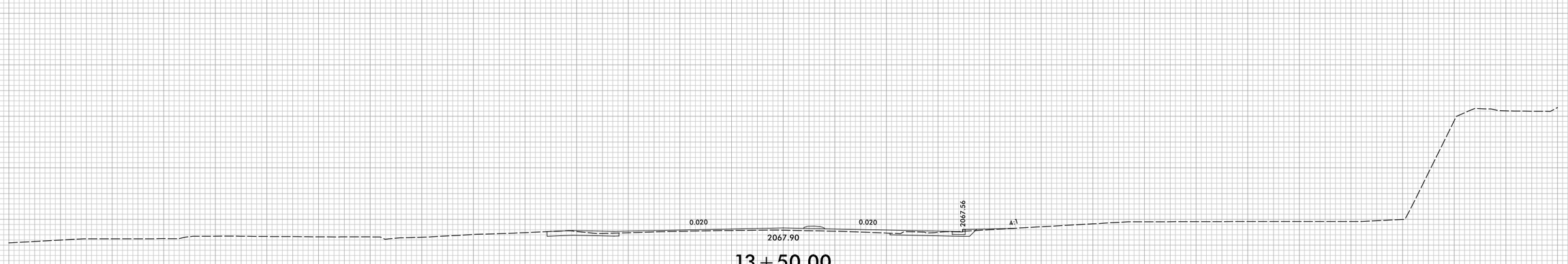
6/26/2025
..\XSC\R5600_Rdy_xpl_y.dgn
12:40:30 PM

6/23/16

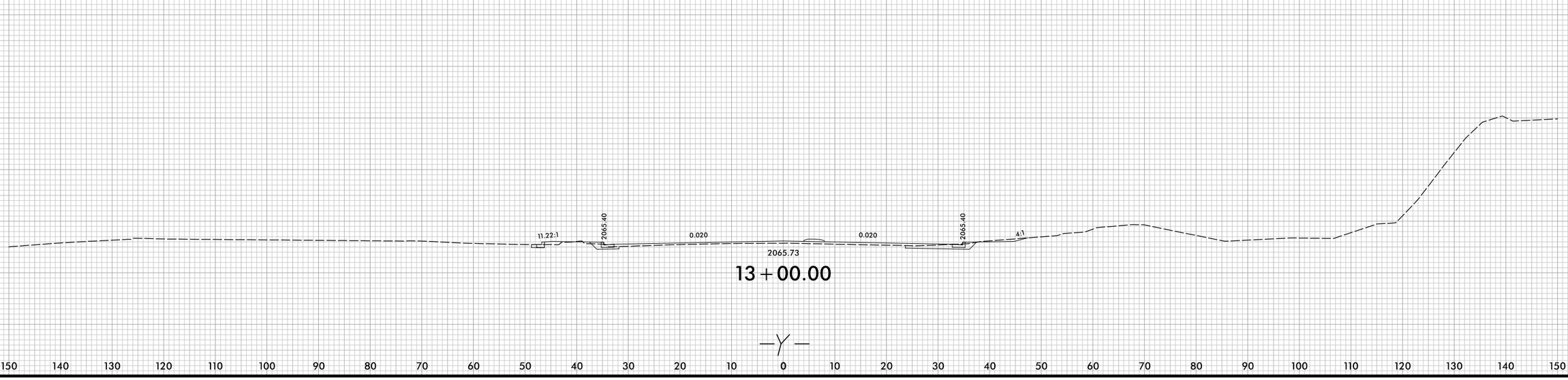
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-112

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

2110
2100
2090
2080
2070
2060



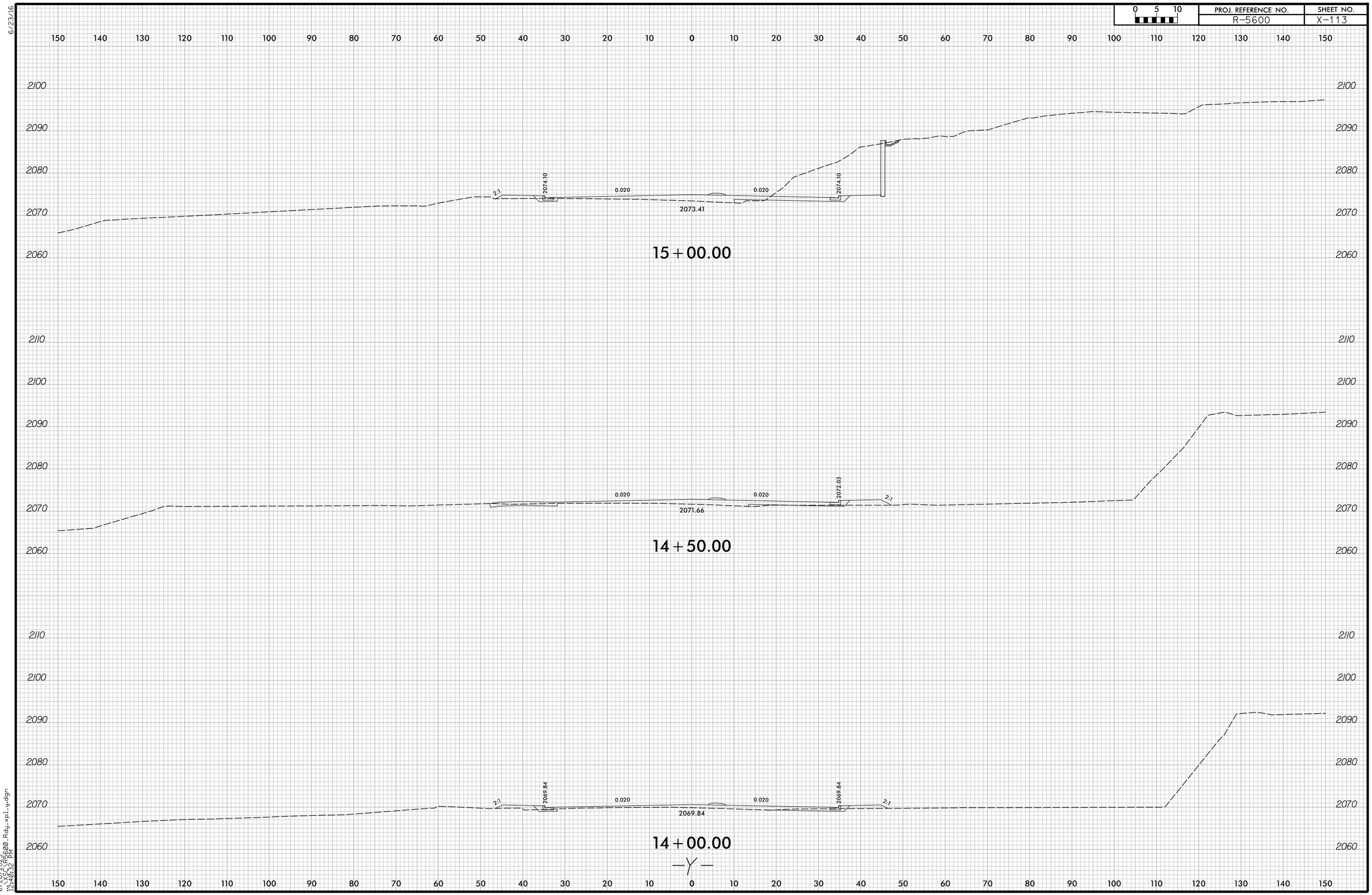
13+50.00



13+00.00

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

6/25/2025
12:40:31 PM
R5600_Rdy_xpl_y.dgn



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y.dgn
12:40:32 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-114

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

2120
2110
2100
2090
2080
2070

2:1
2078.40
0.005
0.020
2077.87
2077.47

16+00.00

2120
2110
2100
2090
2080
2070

2:1
2076.09
0.019
0.020
2076.05
2075.35

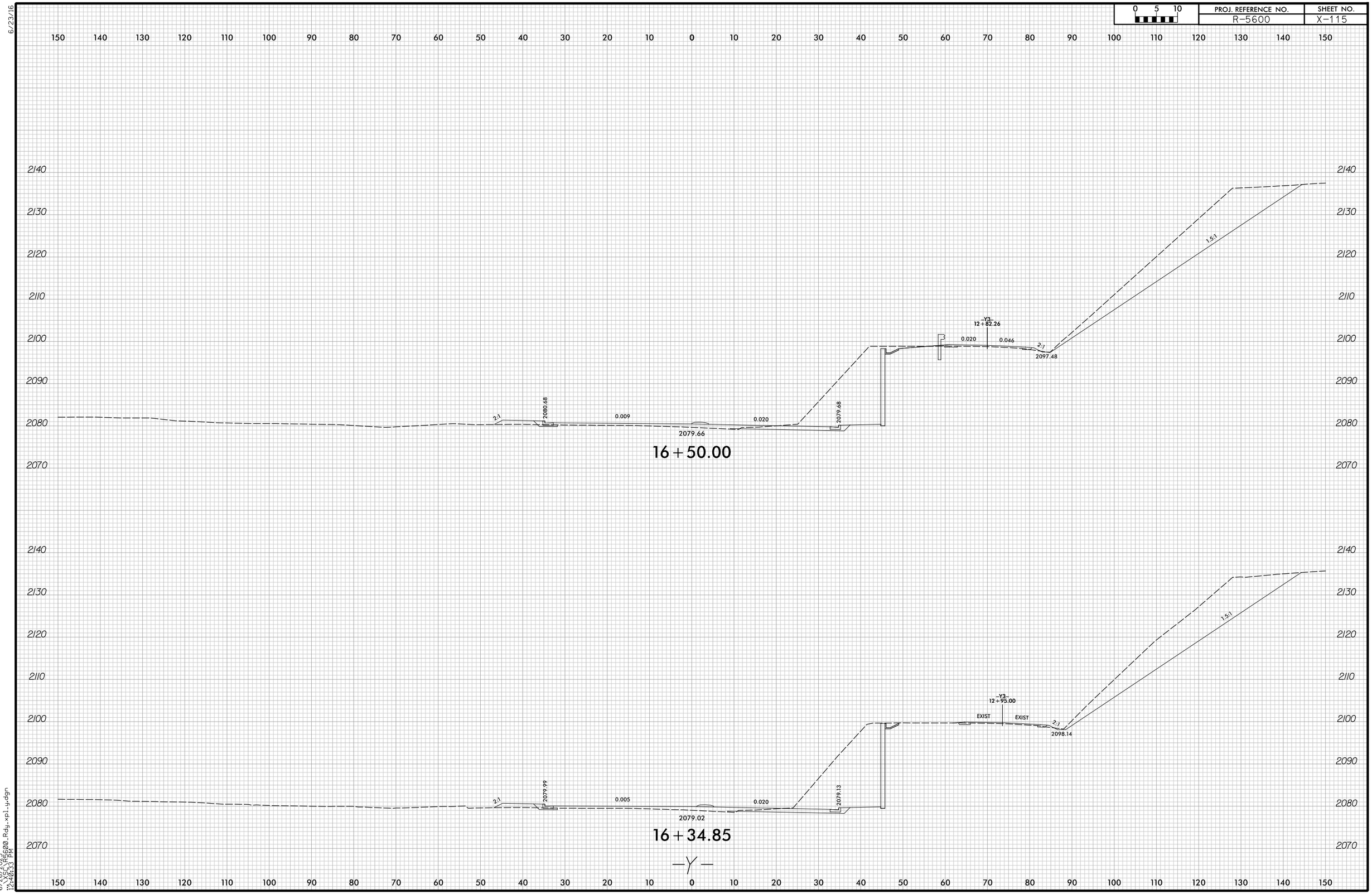
15+50.00

—Y—

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

6/26/2025
12:48:32 PM
X-5600_Rdy_xpl_y.dgn

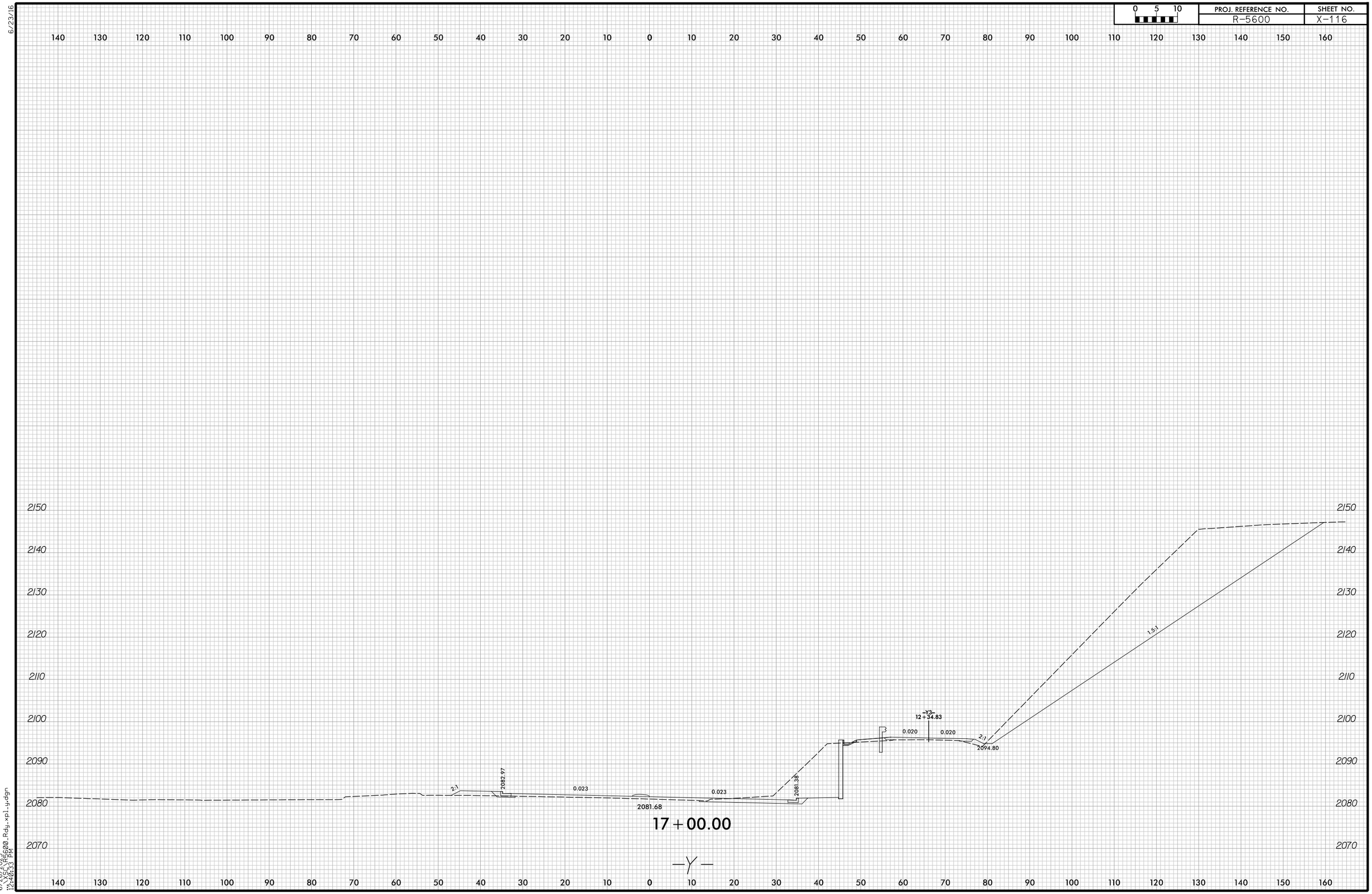
PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-115



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y.dgn
12:40:33 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-116



6/23/16

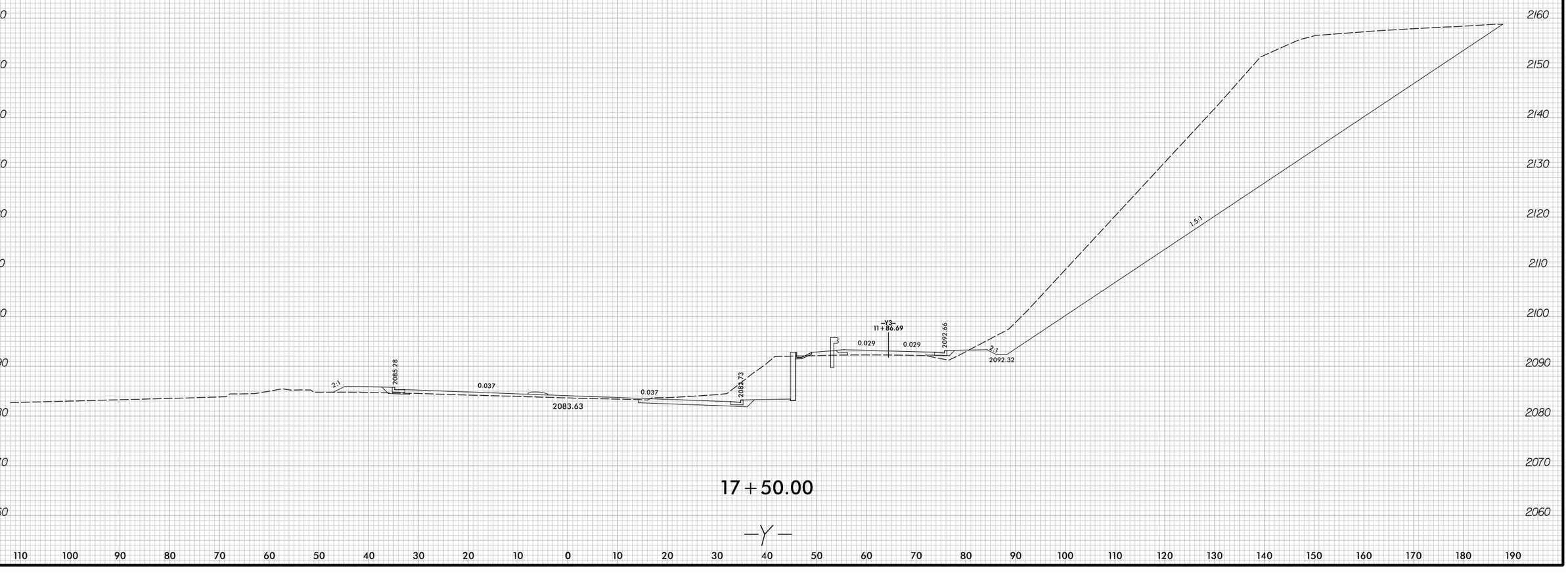
6/26/2025
...\XSC\R5600_Rdy_xpl_y.dgn
12:40:33 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-117

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

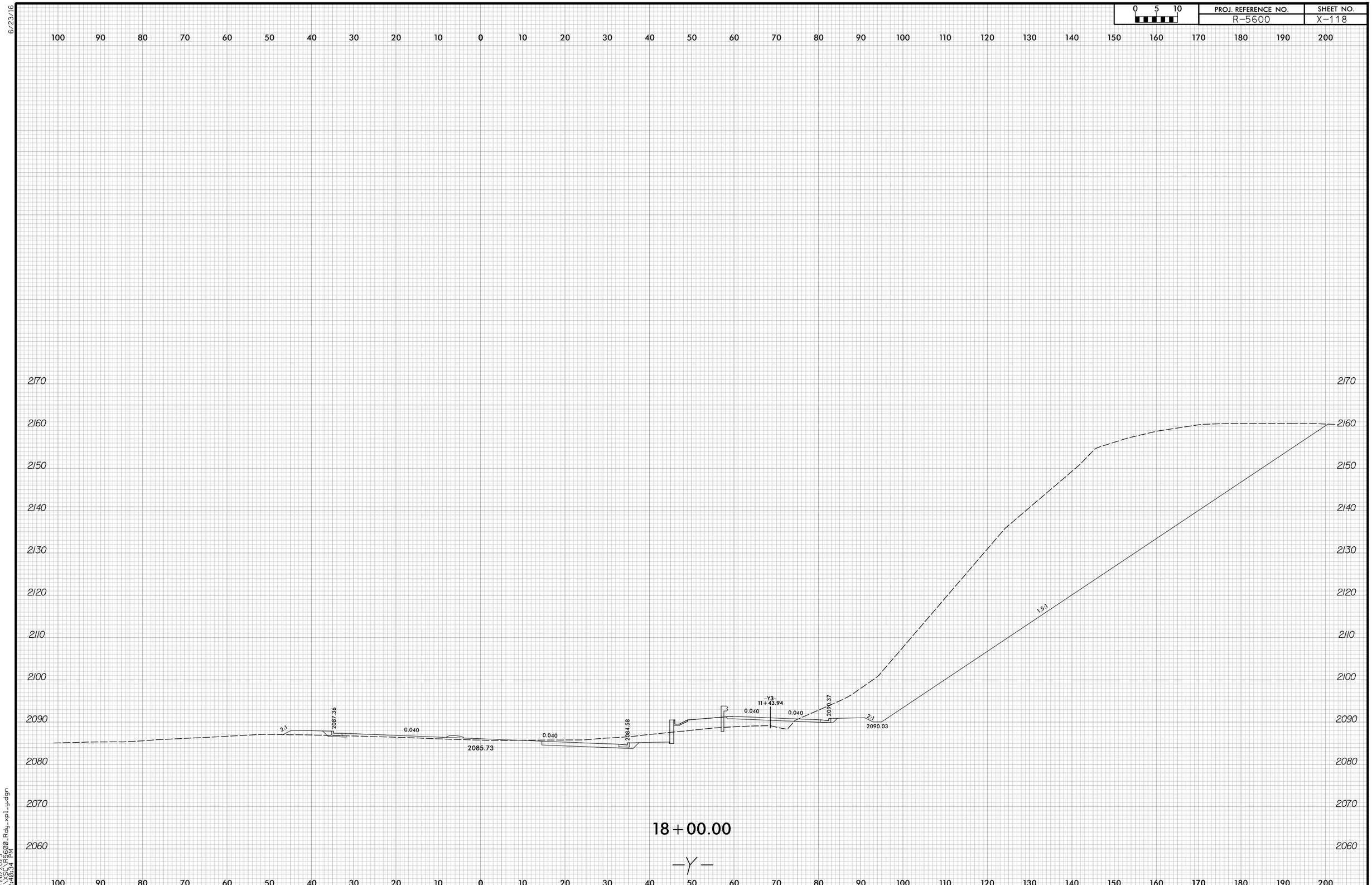
2160 2150 2140 2130 2120 2110 2100 2090 2080 2070 2060



17+50.00

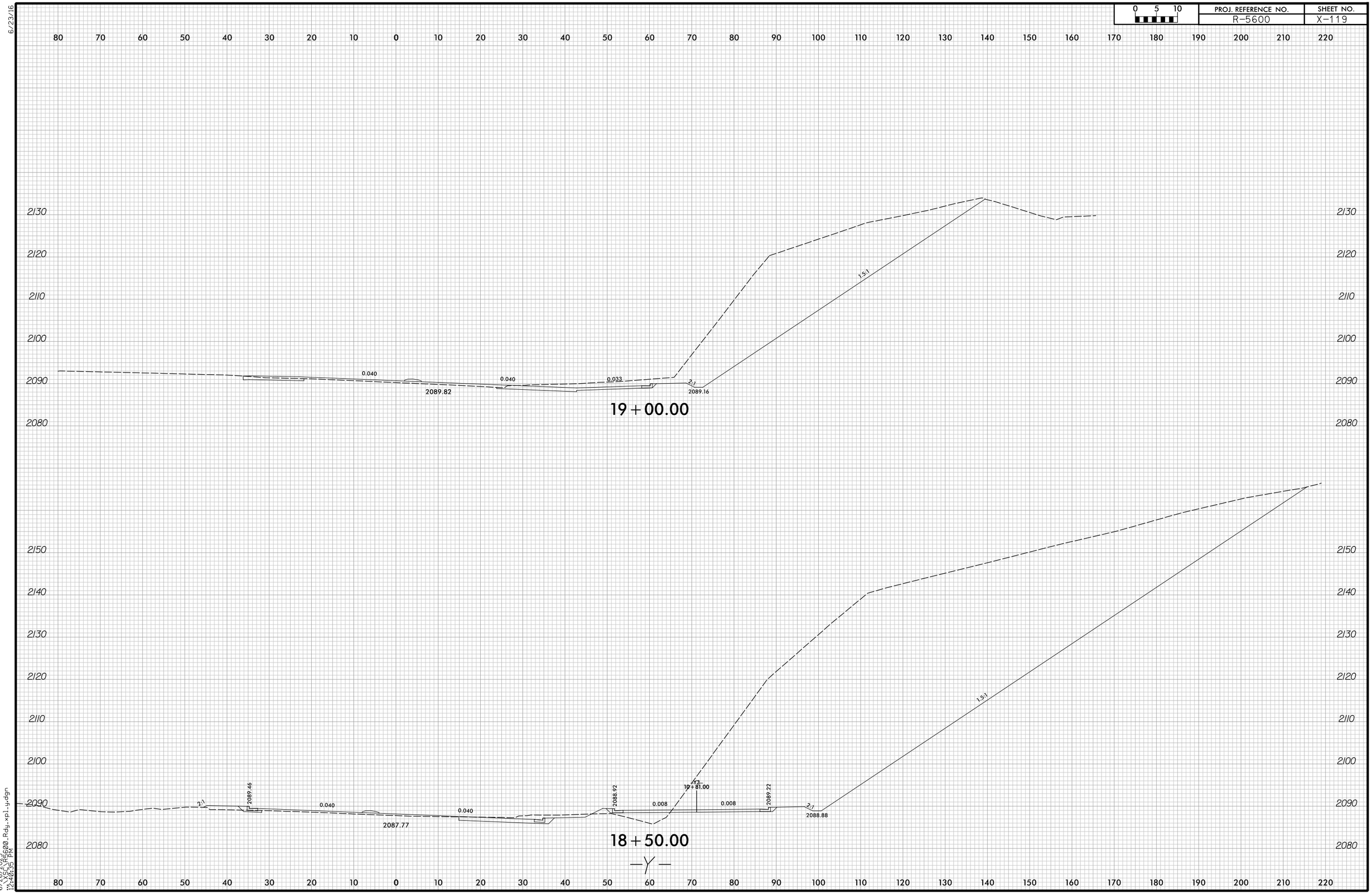
—Y—

6/26/2025
12:40:34 PM
R5600_Rdy_xpl-y.dgn



0 5 10
PROJ. REFERENCE NO.
R-5600
SHEET NO.
X-118
6/23/16
2170
2160
2150
2140
2130
2120
2110
2100
2090
2080
2070
2060
2:1
2087.36
0.040
2085.73
0.040
2084.58
-Y3-
11+43.94
0.040
0.040
2090.37
2:1
2090.03
1.5:1
18+00.00
-Y-
6/26/2025
\\XSC\R5600_Rdy_xpl_y.dgn
12:40:34 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-119



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y.dgn
12:40:35 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-120

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

2170
2160
2150
2140
2130
2120
2110
2100
2090
2080

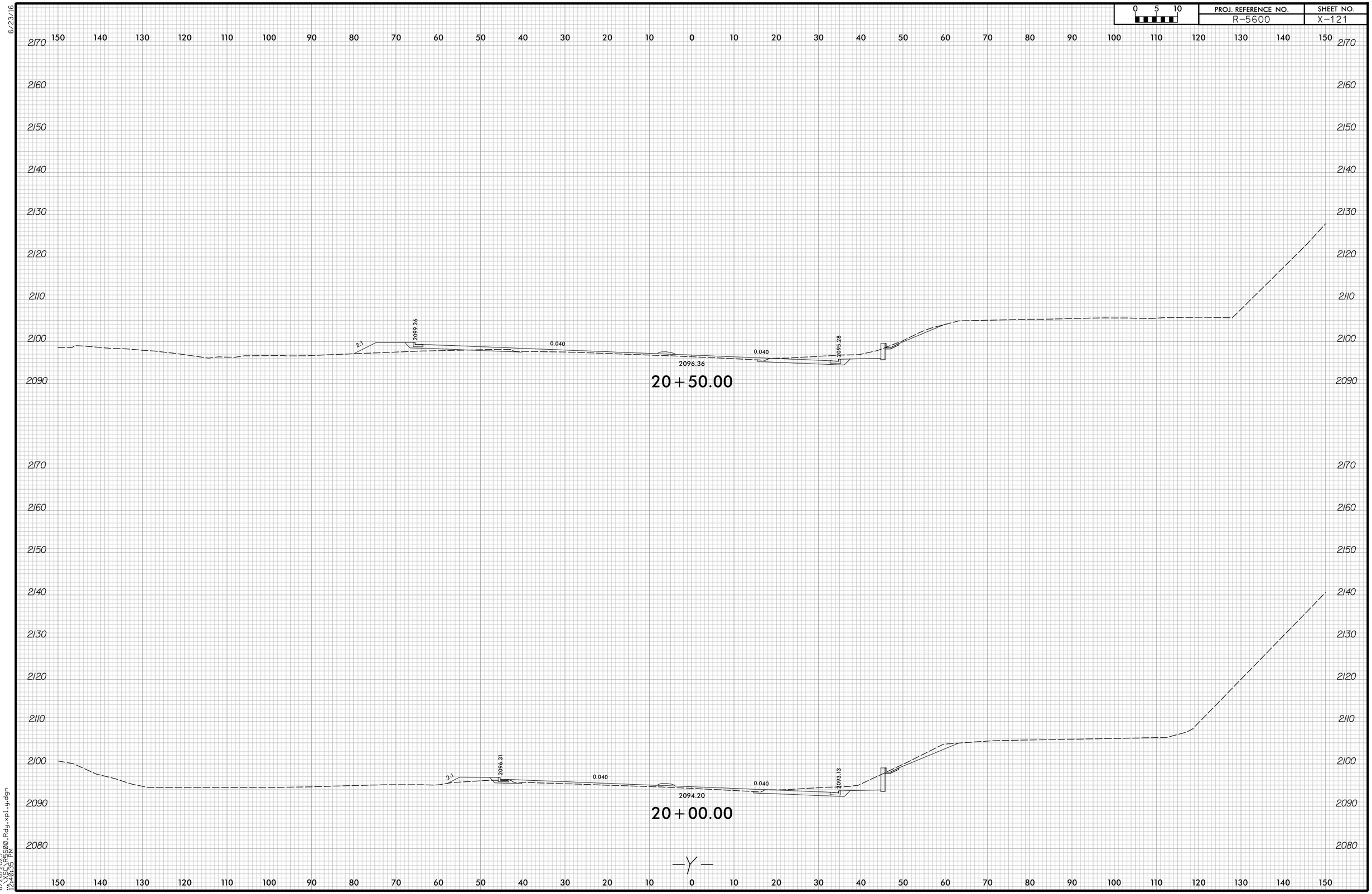
2:1
2093.79
0.040
2091.95
0.040
2090.98

19+50.00

—Y—

6/26/2025
12:48:35 PM
X-R5600.Rdy.xpl.u.dgn

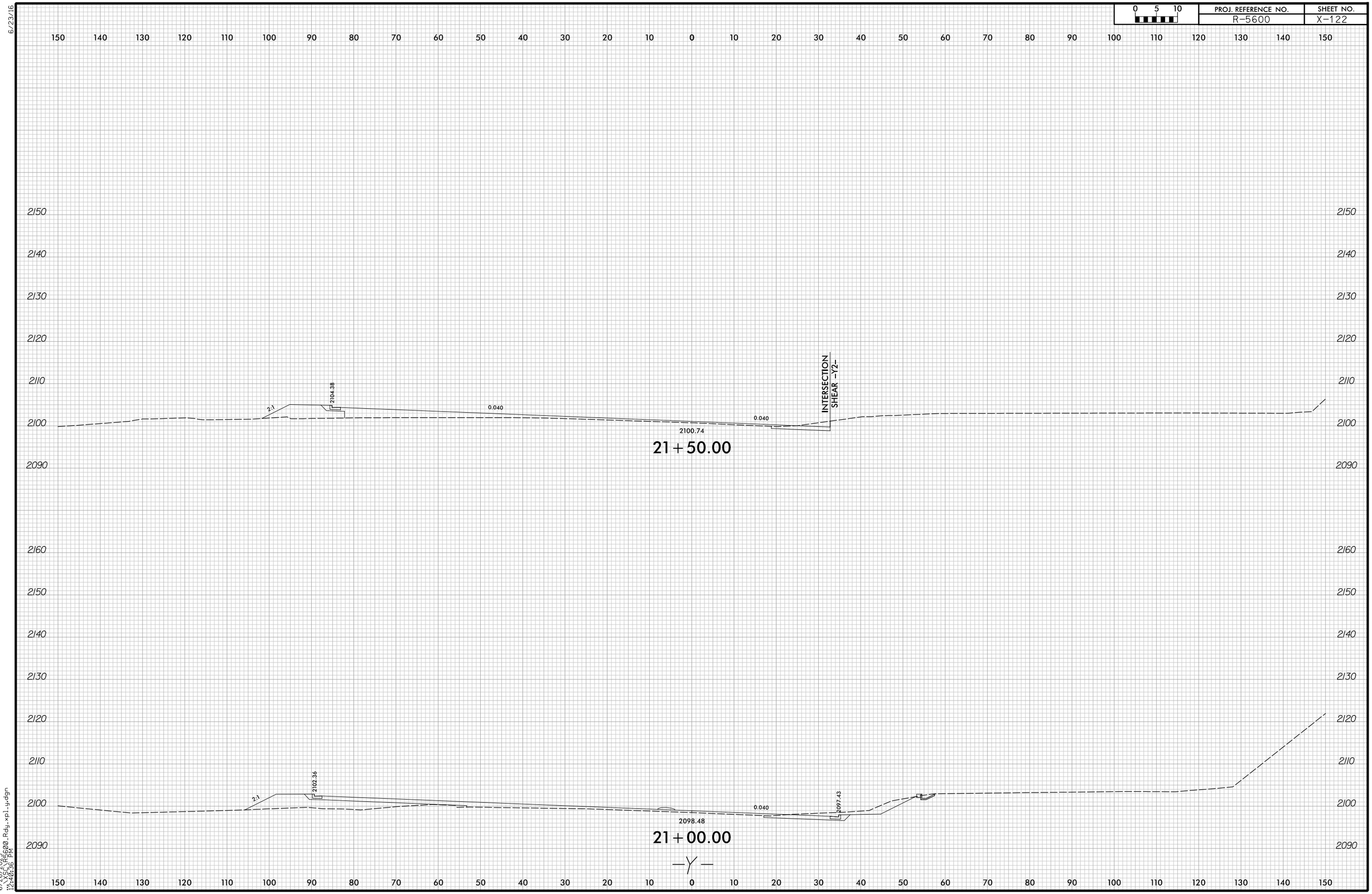
PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-121



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y.dgn
12:40:35 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-122



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y.dgn
12:40:36 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-123

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

2120
2110
2100

2.56:1
2109.27
0.040
0.040
2106.49
2:1
2107.61

23+00.00

2130
2120
2110
2100

2:1
2106.74
0.040
0.040
2103.96
4:1
2105.17

22+50.00

2090
2150
2140
2130
2120
2110
2100

INTERSECTION SHEAR -Y1-
INTERSECTION SHEAR -Y2-
0.040
0.040
2102.87

22+00.00

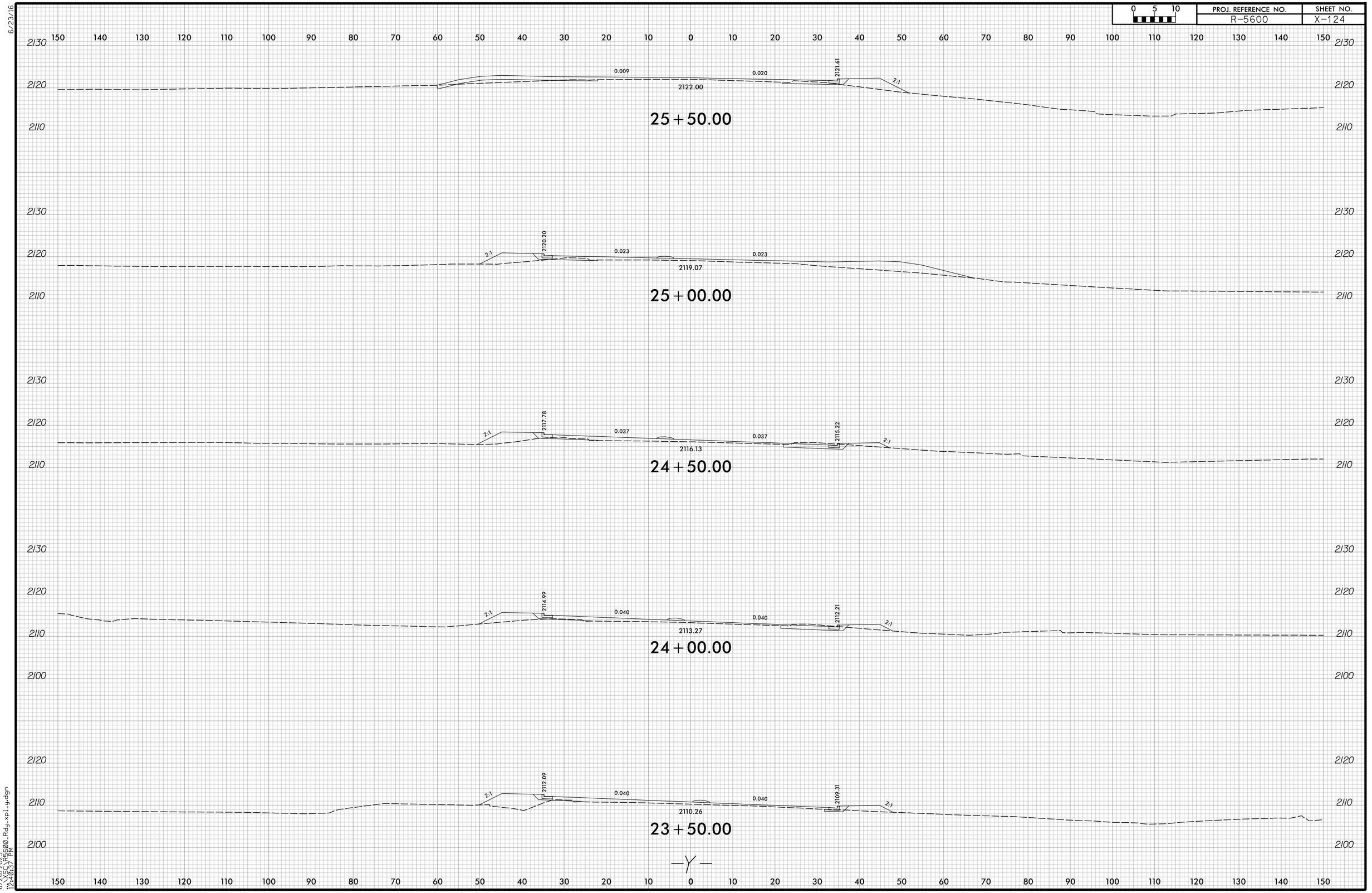
2090

-Y-

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

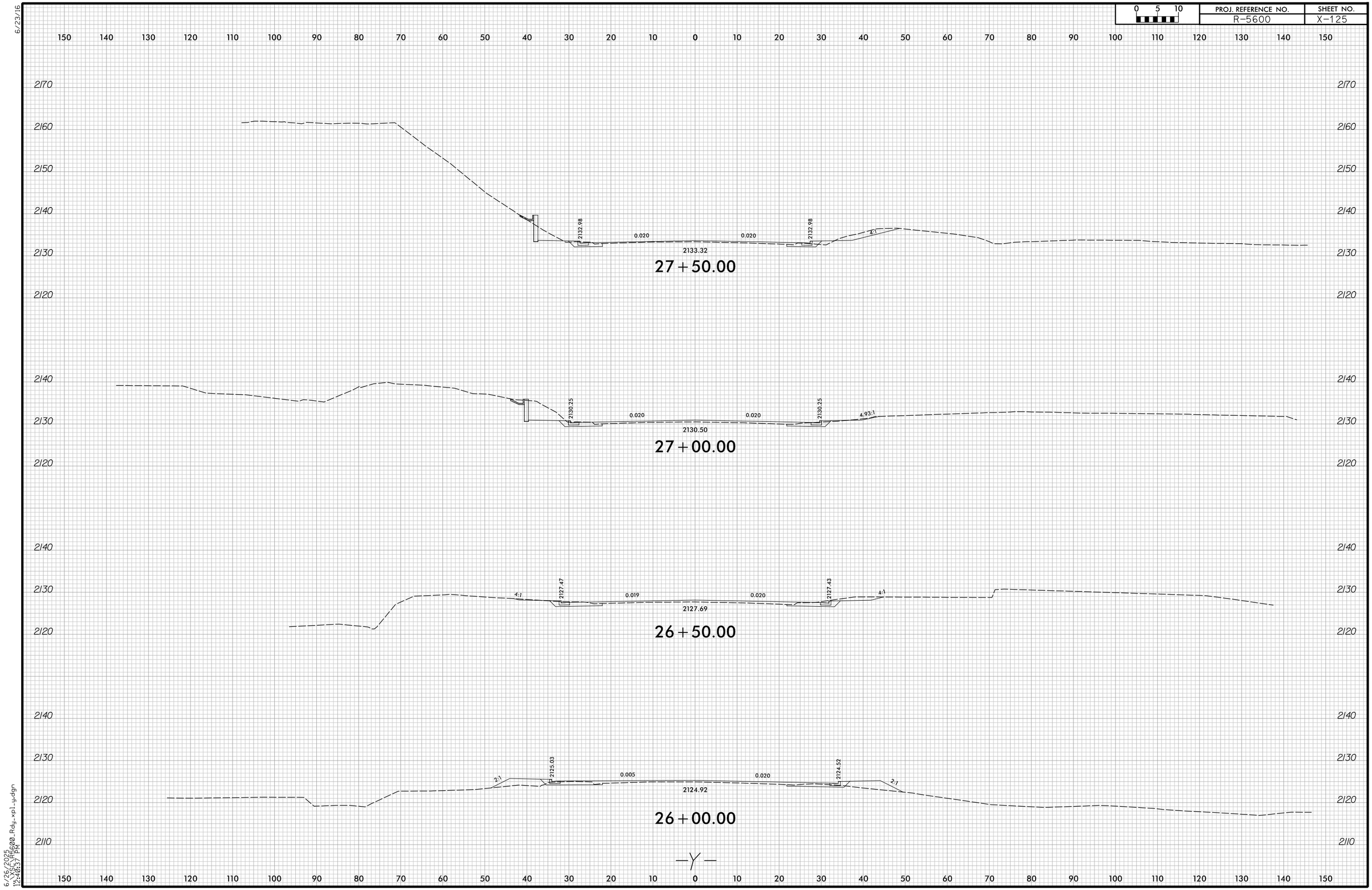
6/25/2025
12:40:36 PM
X_SECT_R5600_Rdy_xpl_y.dgn

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-124



6/23/16

6/26/2025
\\SC\R5600_Rdy_xpl_y.dgn
12:40:37 PM



6/23/16

6/26/2025
\\SC\R5600_Rdy_xpl_y.dgn
12:40:37 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-126

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

2170
2160
2150
2140
2130

2142.21

29+00.00

2139.17

28+50.00

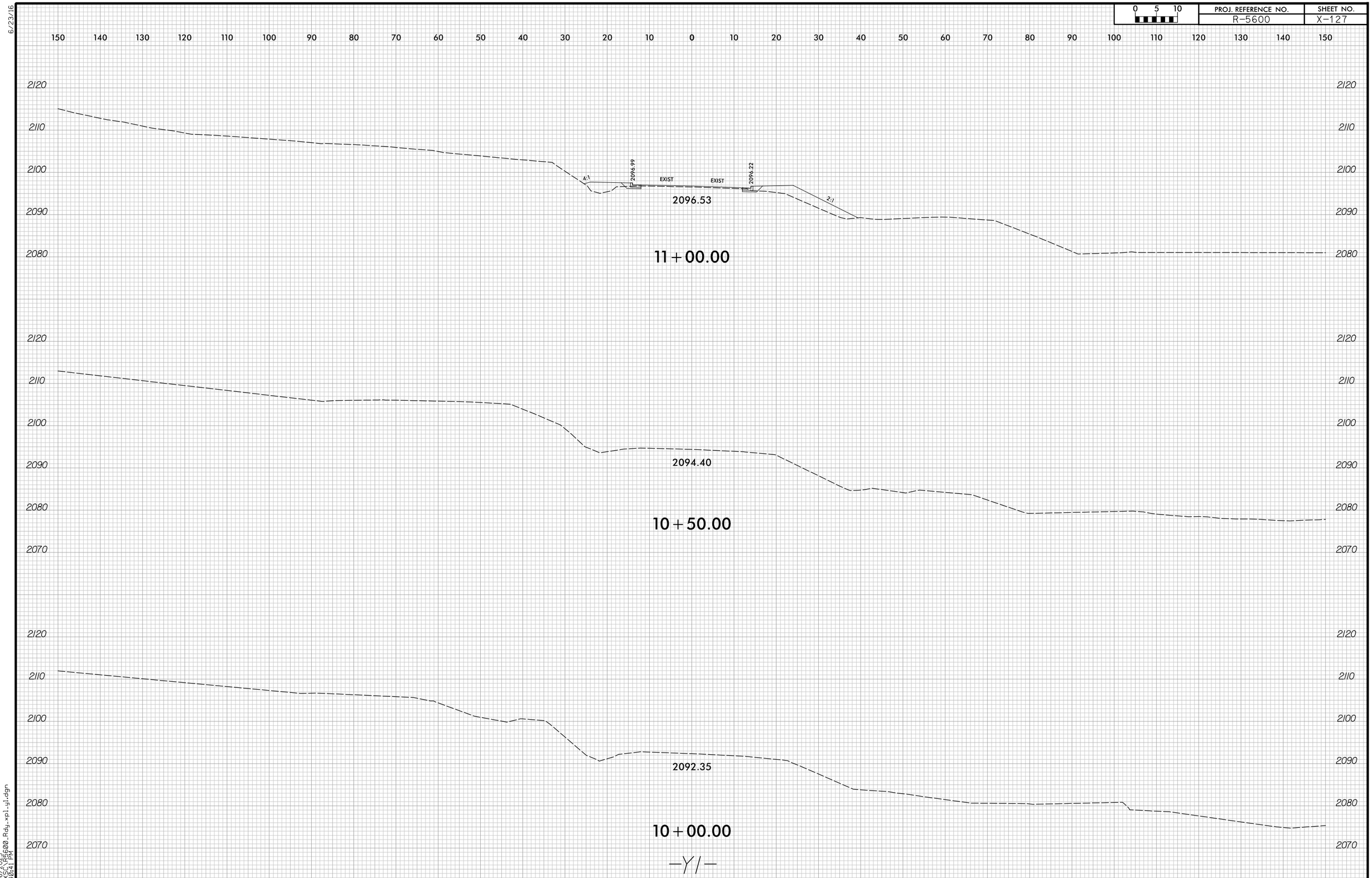
2135.77 0.020 0.020 2135.77 3:1

2136.23

28+00.00

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

6/25/2025
12:40:38 PM
R5600_Rdy_xpl_y.dgn

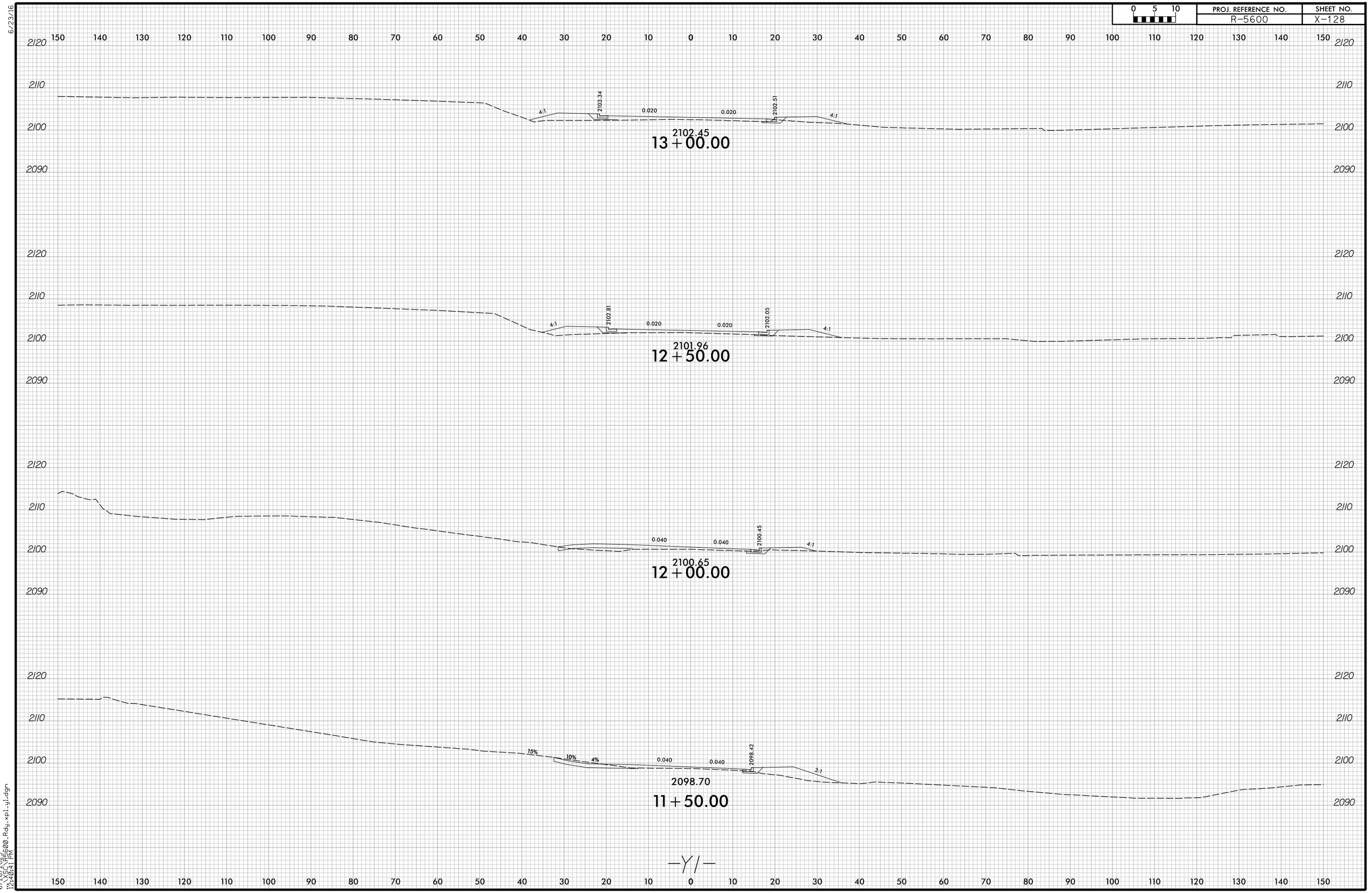


6/23/16

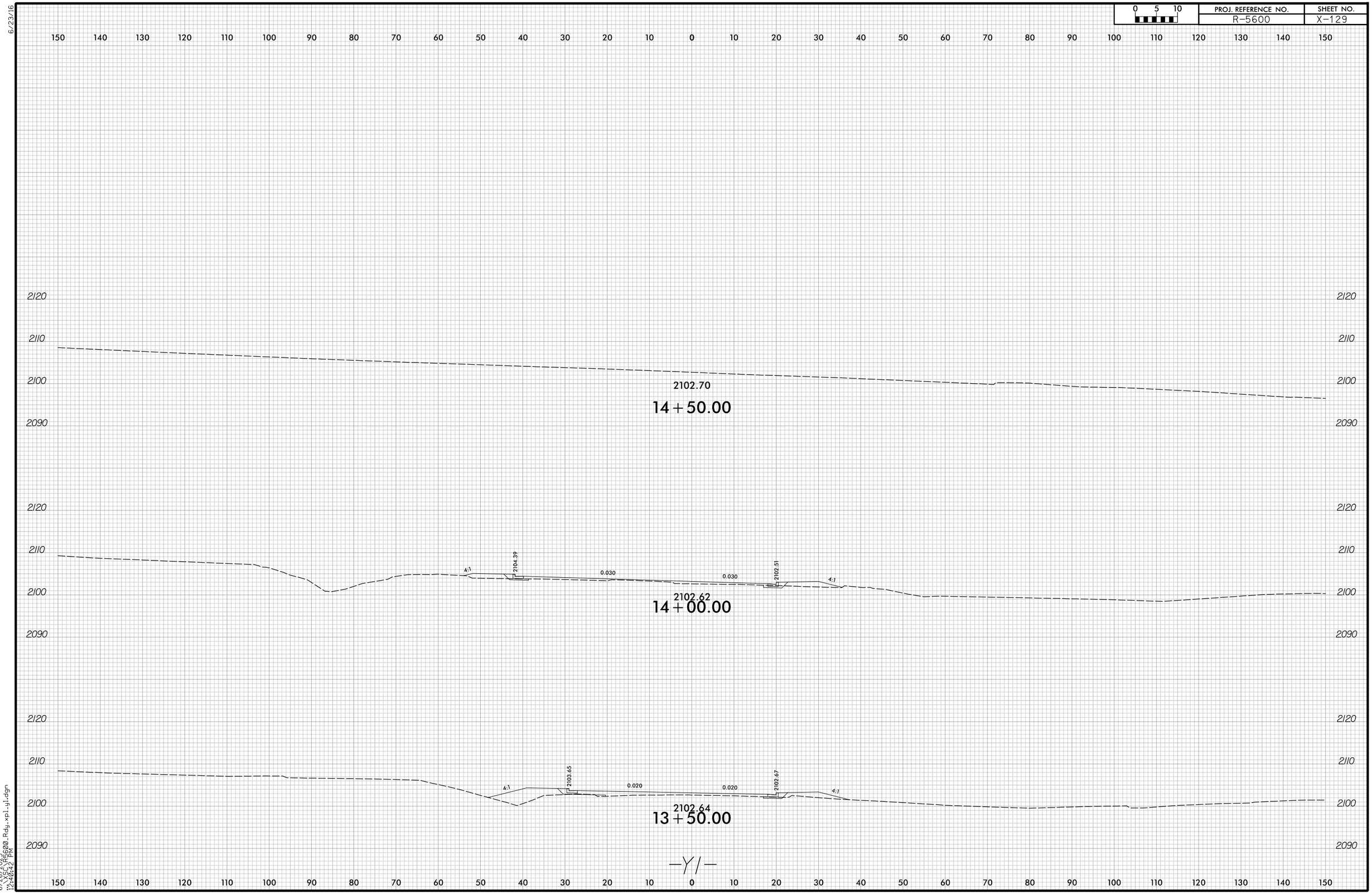
6/26/2025
\\XSC\R5600_Rdy_xpl_y1.dgn
12:40:41 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-128

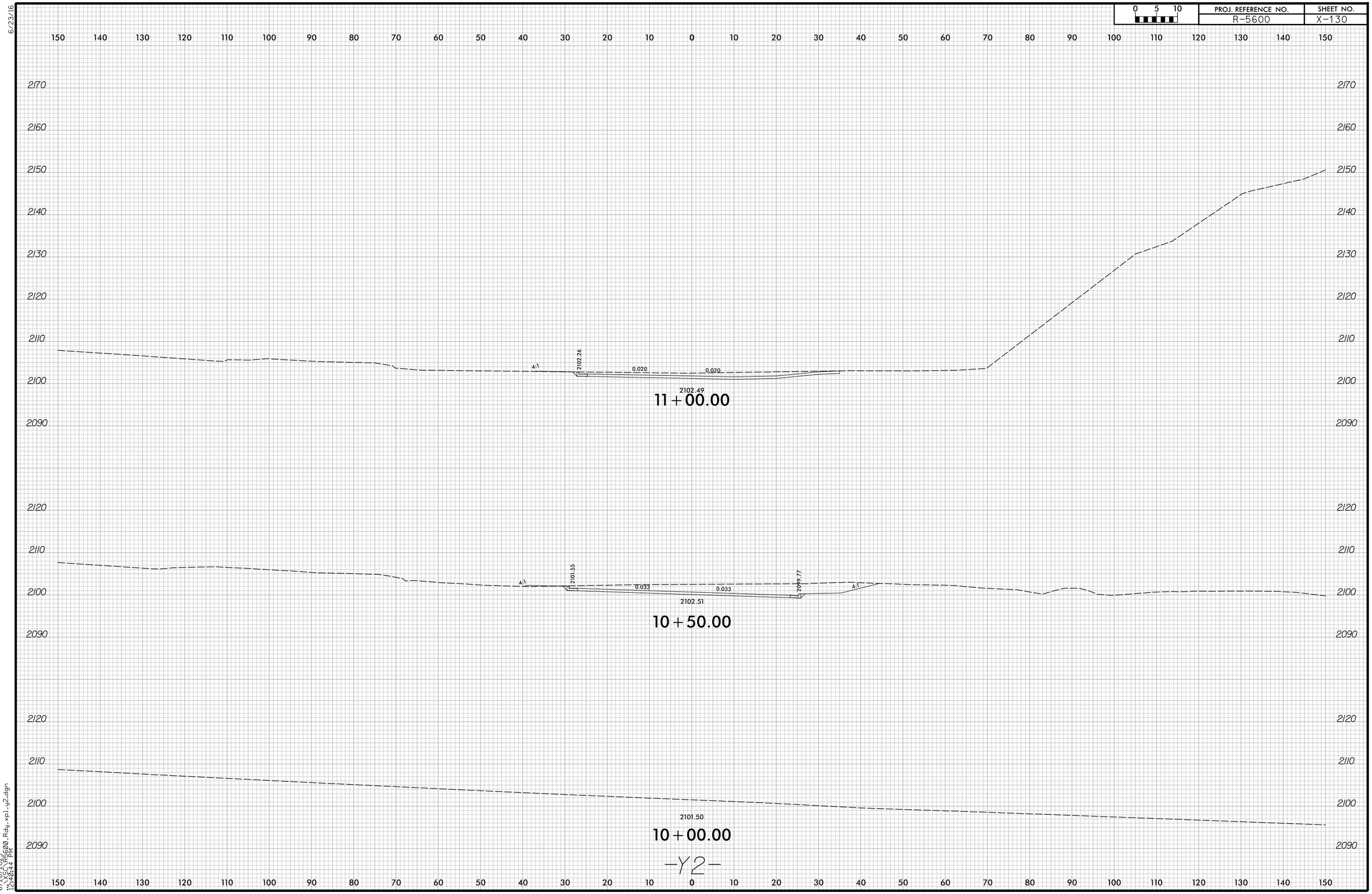


6/26/2025
X:\SUE\R5600_Rdy_xpl_yl.dgn
12:40:41 PM



6/23/16

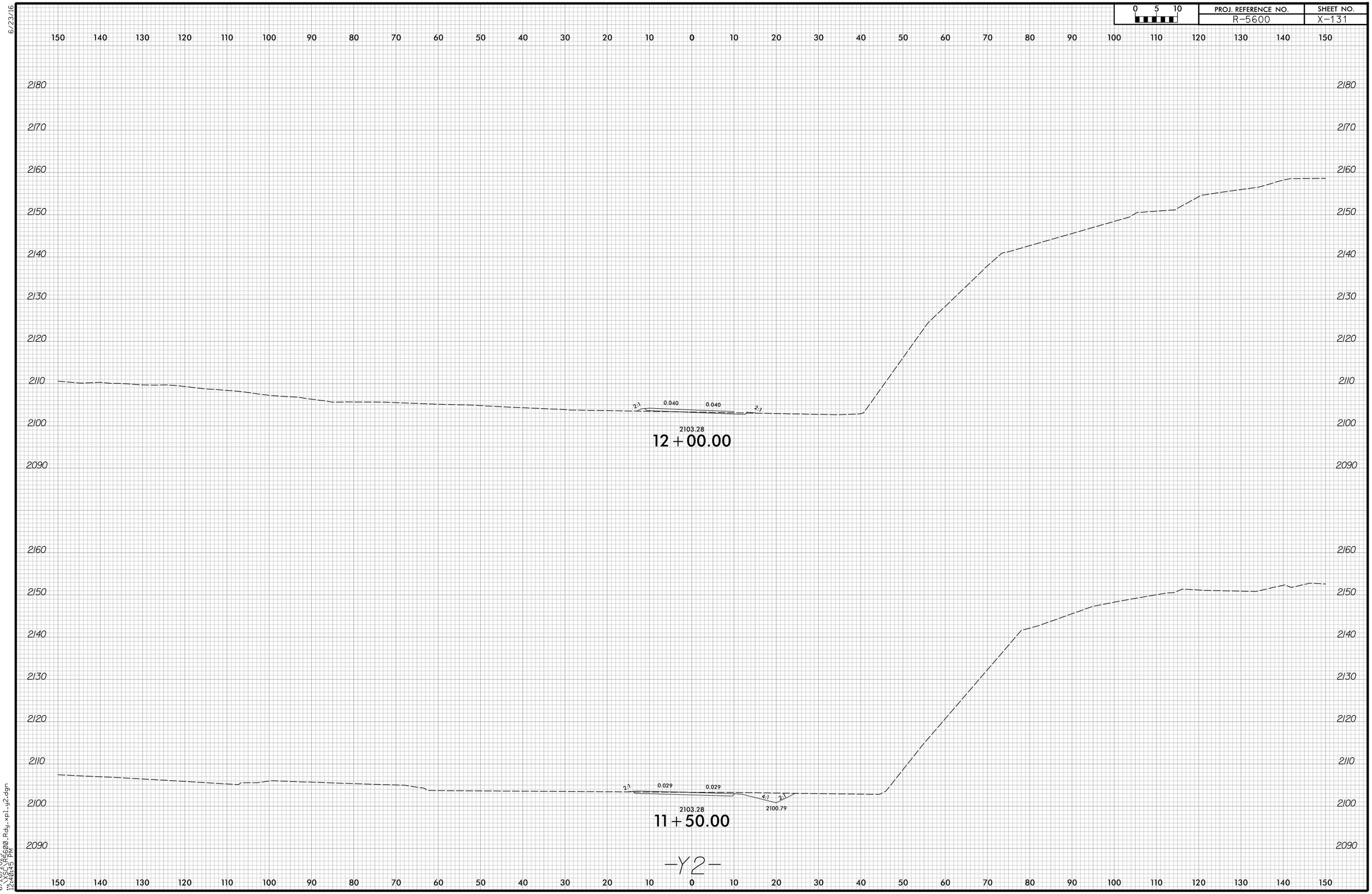
6/26/2025
...\XSC\R5600_Rdy_xpl_y1.dgn
12:40:42 PM



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y2.dgn
12:40:44 PM

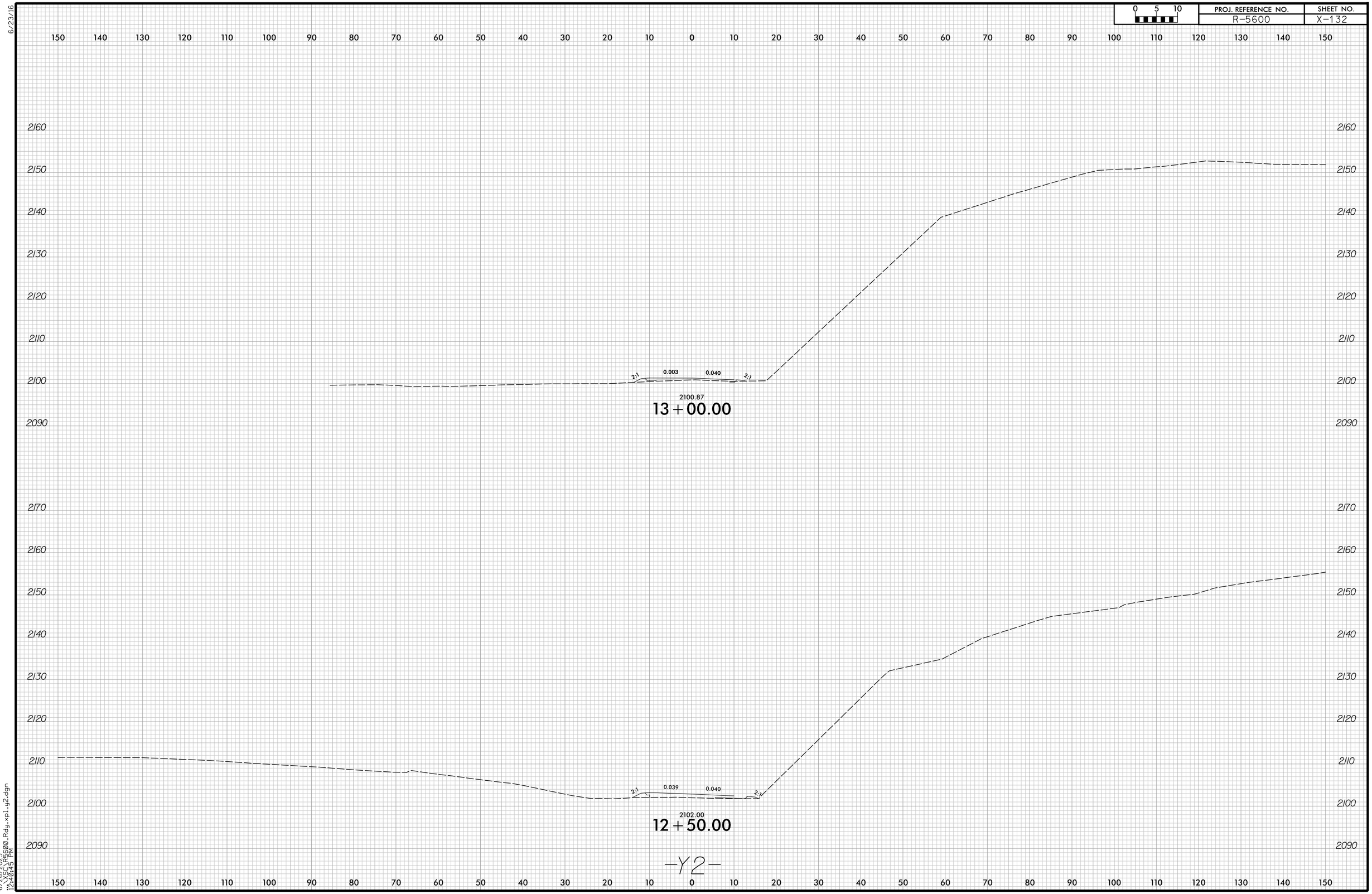
PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-131



6/23/16

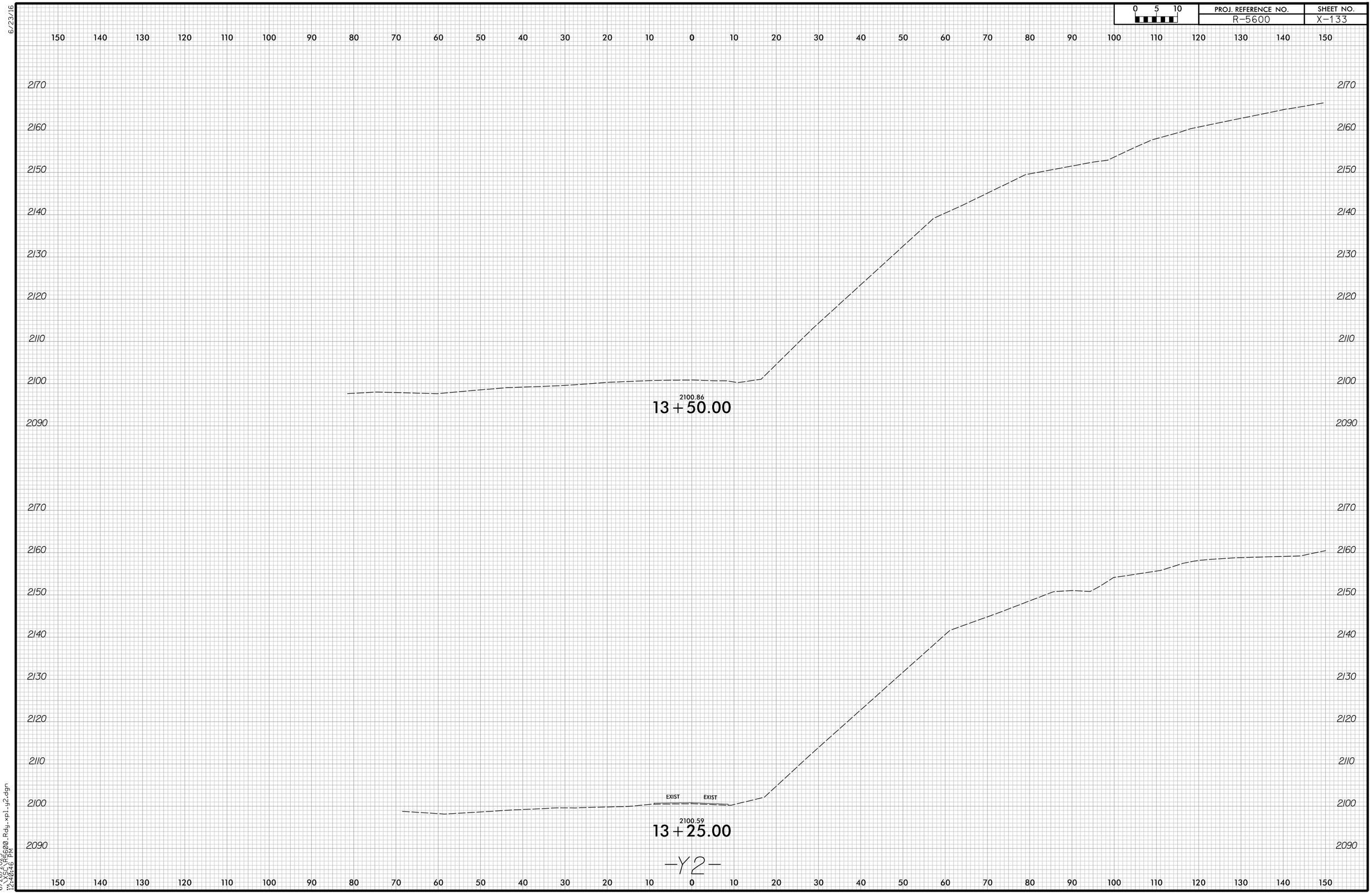
6/26/2025
...\XSC\R5600_Rdy_xpl_y2.dgn
12:40:45 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-132



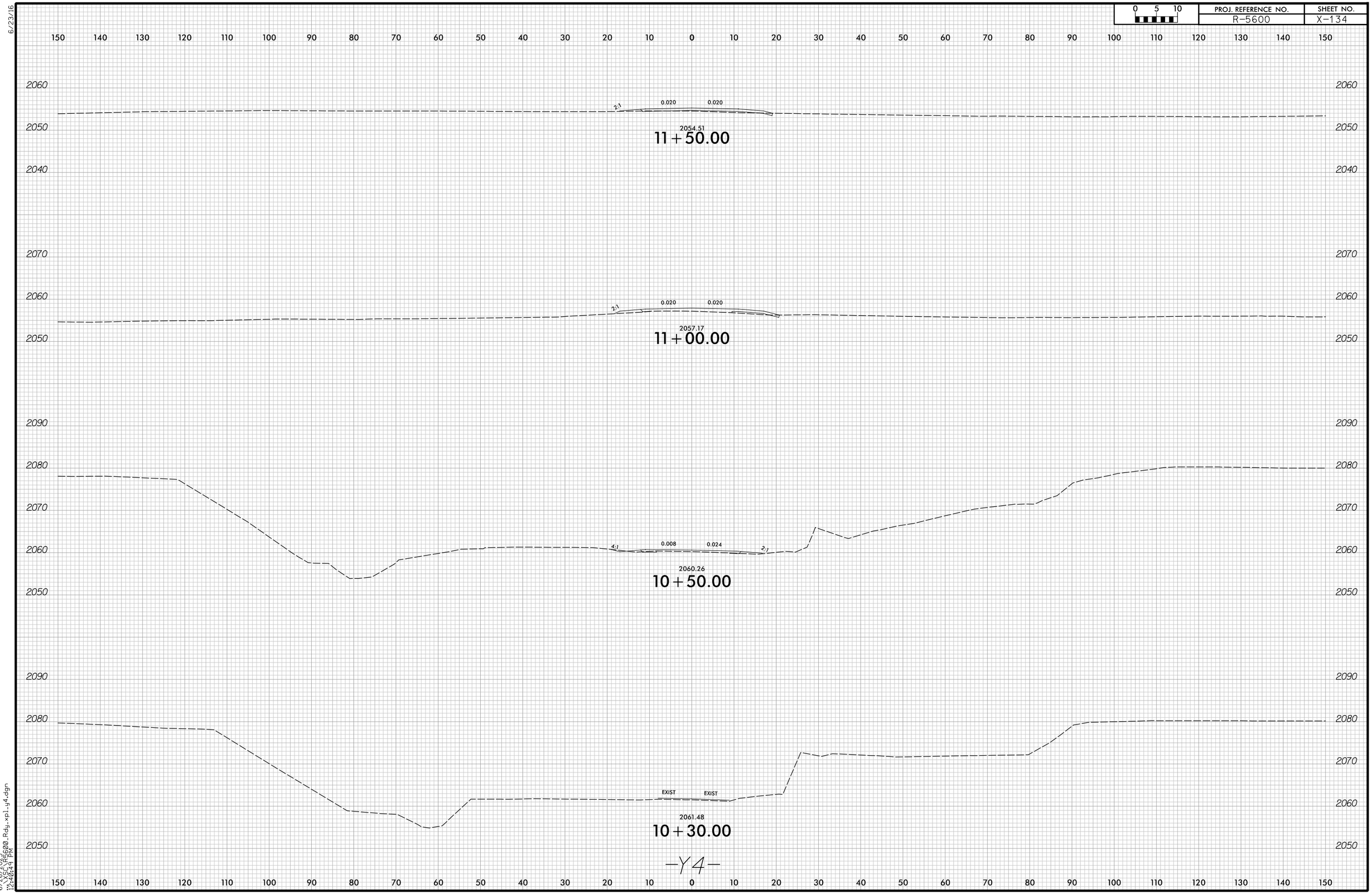
6/23/16

6/26/2025
\\XSC\R5600_Rdy_xpl_y2.dgn
12:40:45 PM



6/23/16

6/26/2025
\\XSC\R5600_Rdy_xpl_y2.dgn
12:40:46 PM



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y4.dgn
12:40:49 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-135

UNDERCUT EXCAVATION

2060 2050 2040

2052.43

7:1 0.020

2052.92

14+00.00

2060 2050 2040

2052.26

0.020 0.019 2:1

2052.37

13+50.00

2060 2050 2040

2052.09

0.020 0.016

2054.84

13+00.00

END UNDERCUT EXCAVATION STA. 12+60

2060 2050 2040

4:1 0.020 0.020 4:1

2053.05

12+50.00

BEGIN UNDERCUT EXCAVATION STA. 12+35

2060 2050 2040

4:1 0.020 0.020

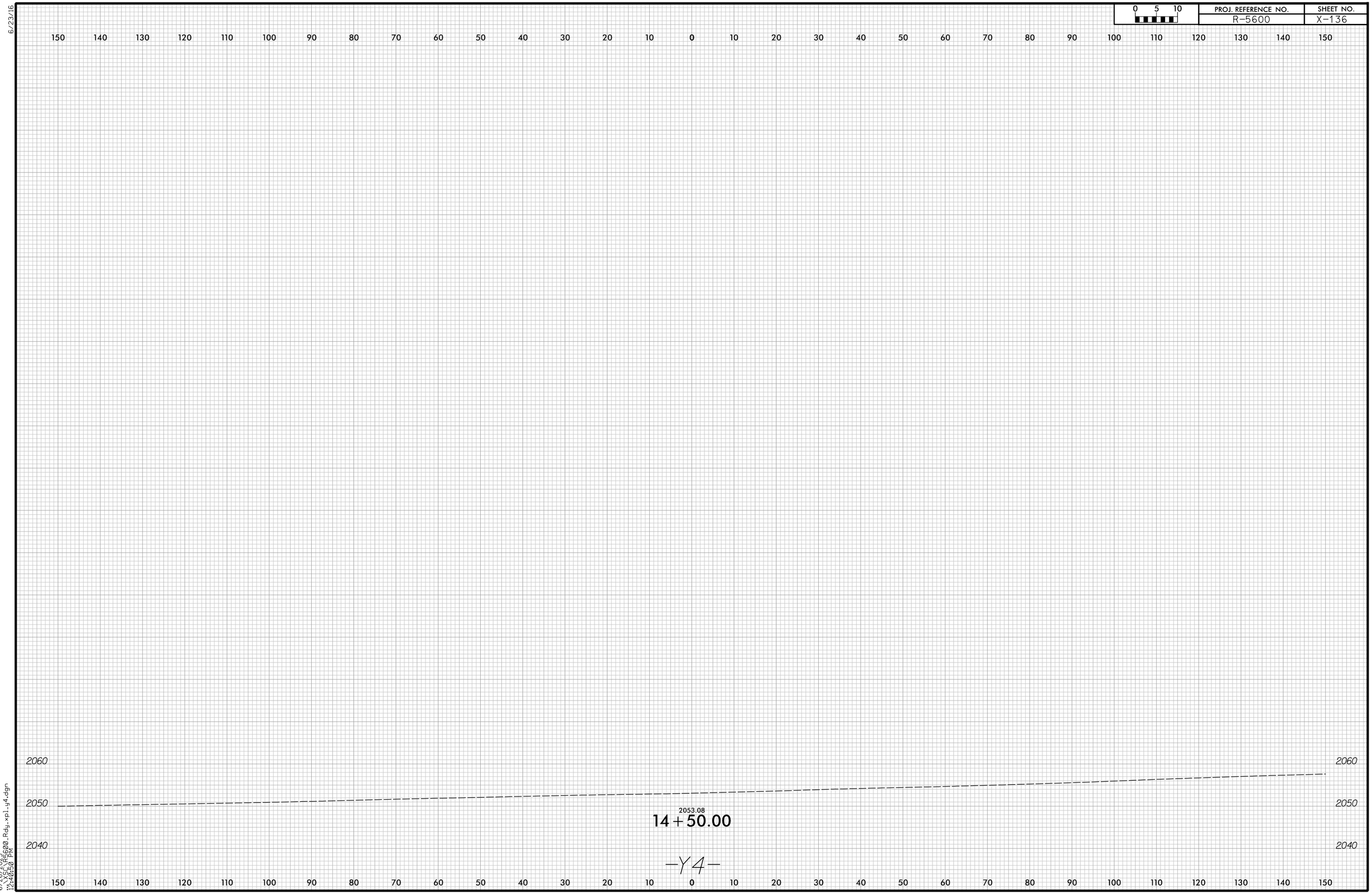
2052.66

12+00.00

-Y4-

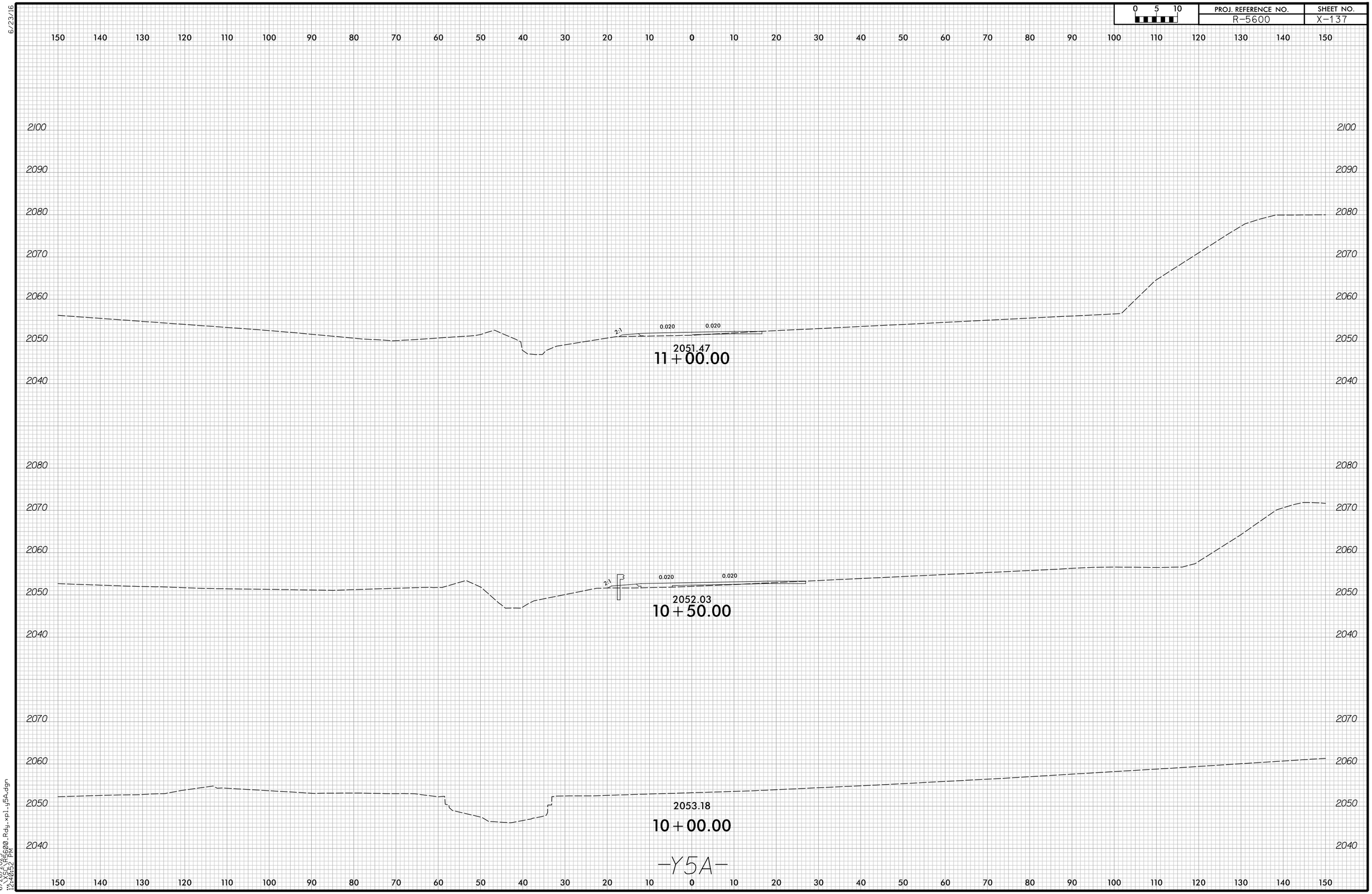
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

6/26/2025
12:40:49 PM
C:\SCDOT\R5600_Rdy_xpl_y4.dgn



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y4.dgn
12:40:50 PM



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y5A.dgn
12:40:52 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-138

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

2110
2100
2090
2080
2070
2060
2050
2040

2:1 0.020 0.020 2:1

2051.60
12+00.00

2110
2100
2090
2080
2070
2060
2050
2040

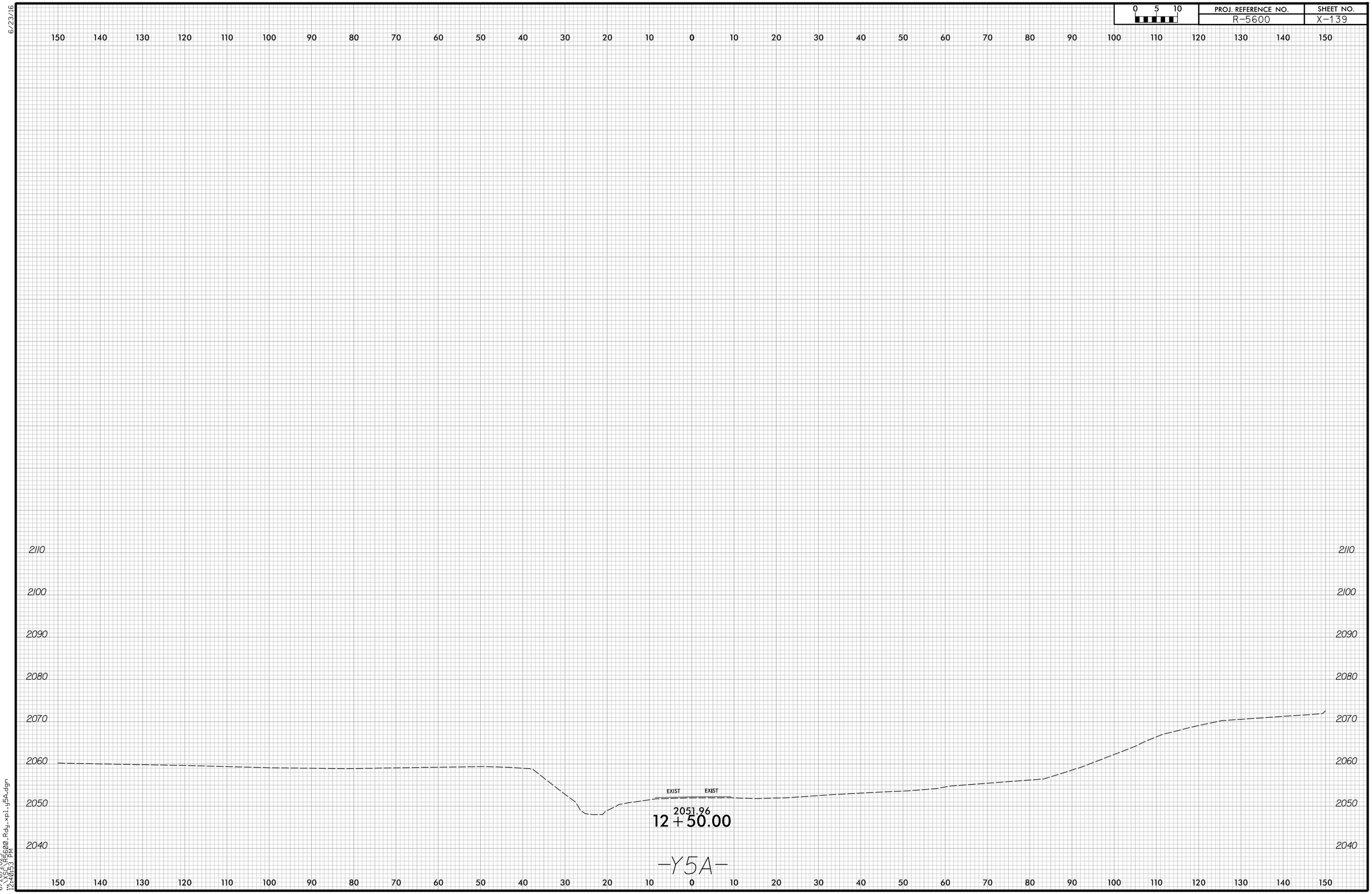
2:1 0.020 0.020

2051.49
11+50.00

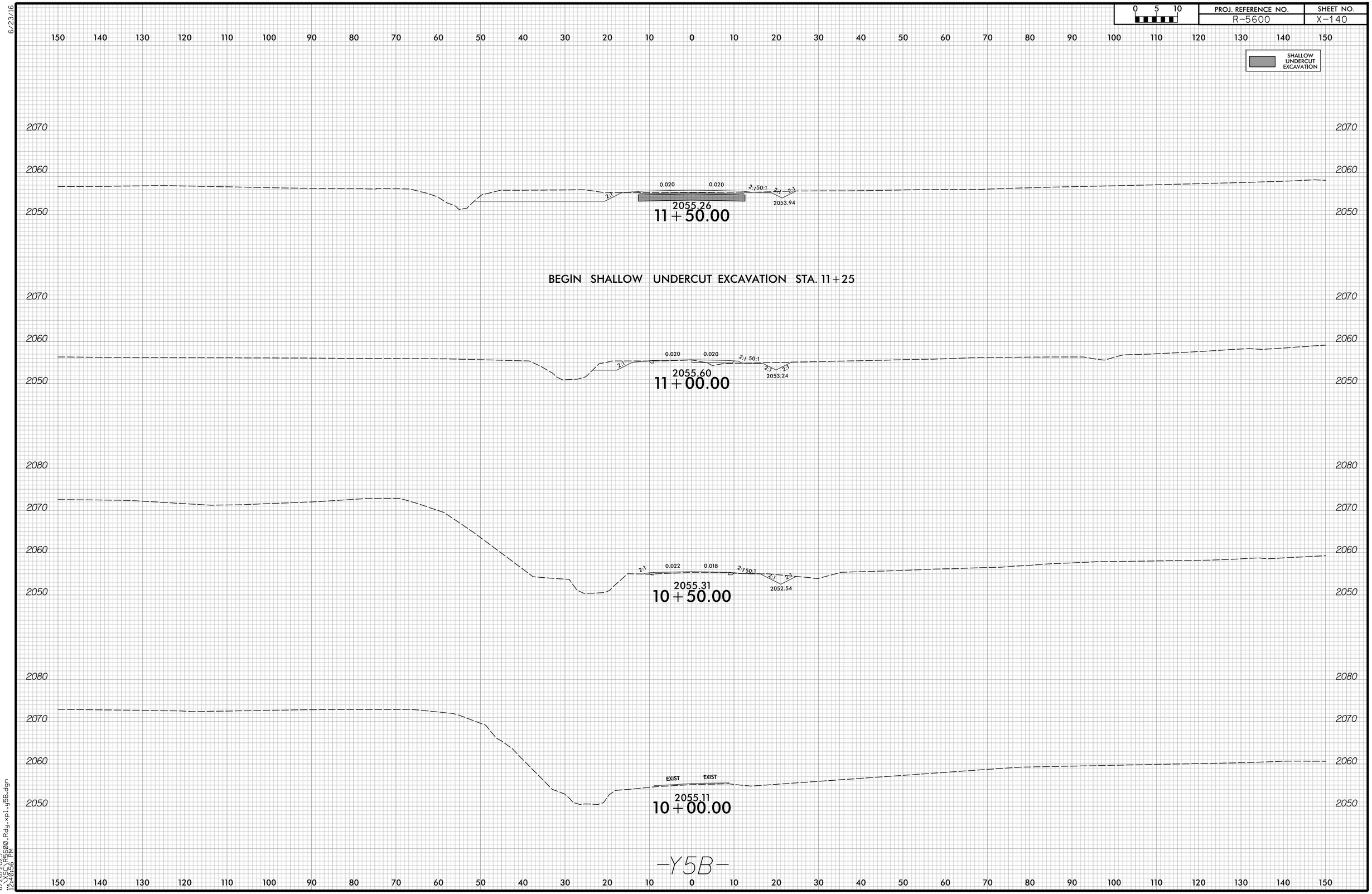
-Y5A-

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

6/25/2025
12:40:53 PM
R-5600_Rdy_xpl_y5A.dgn

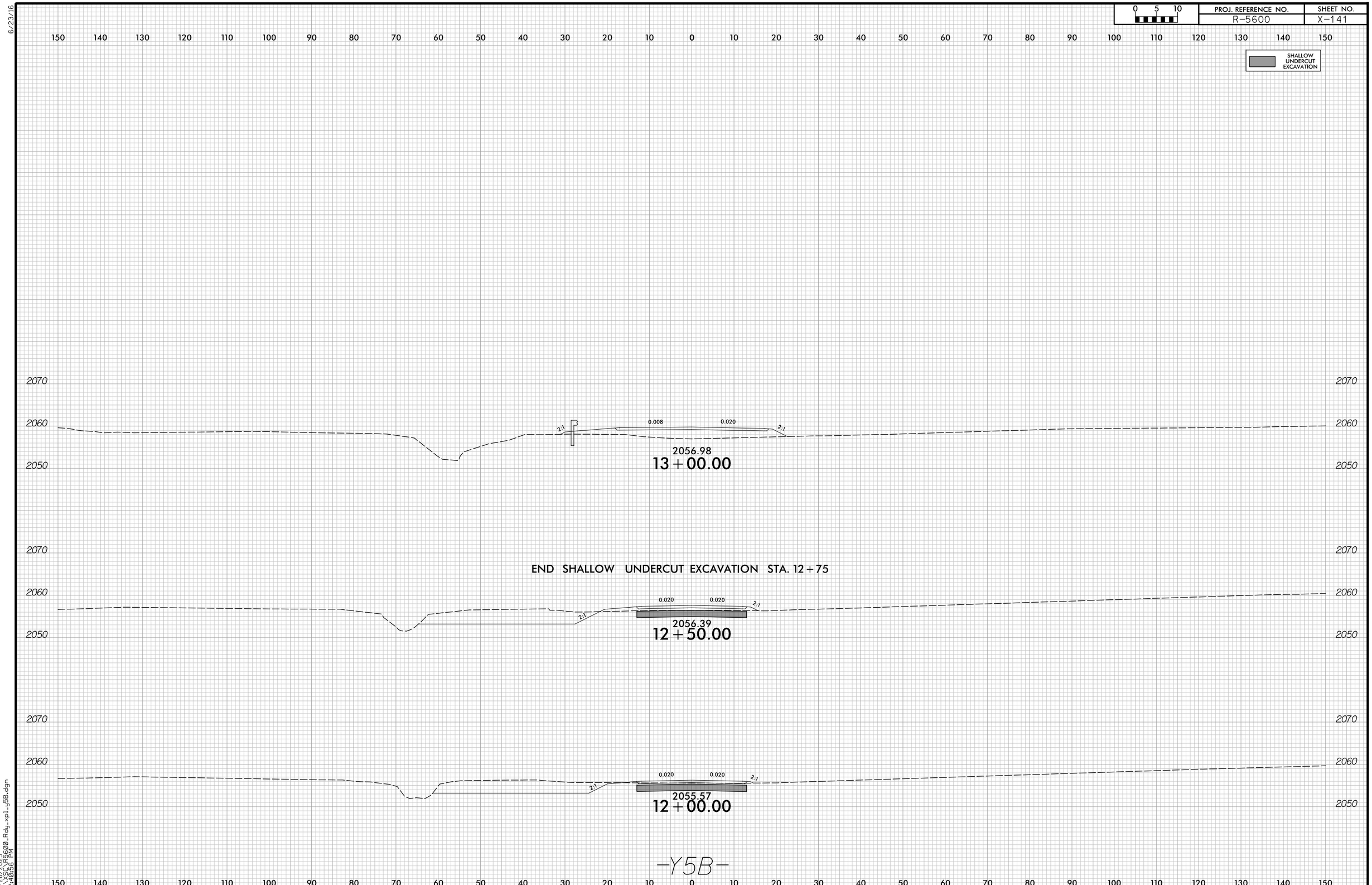


0 5 10
PROJ. REFERENCE NO.
R-5600
SHEET NO.
X-139
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
2110
2100
2090
2080
2070
2060
2050
2040
EXIST
EXIST
2051.96
12+50.00
-Y5A-
6/23/16
6/26/2025
...\XSC\R5600_Rdy_xpl_y5A.dgn
12:40:53 PM



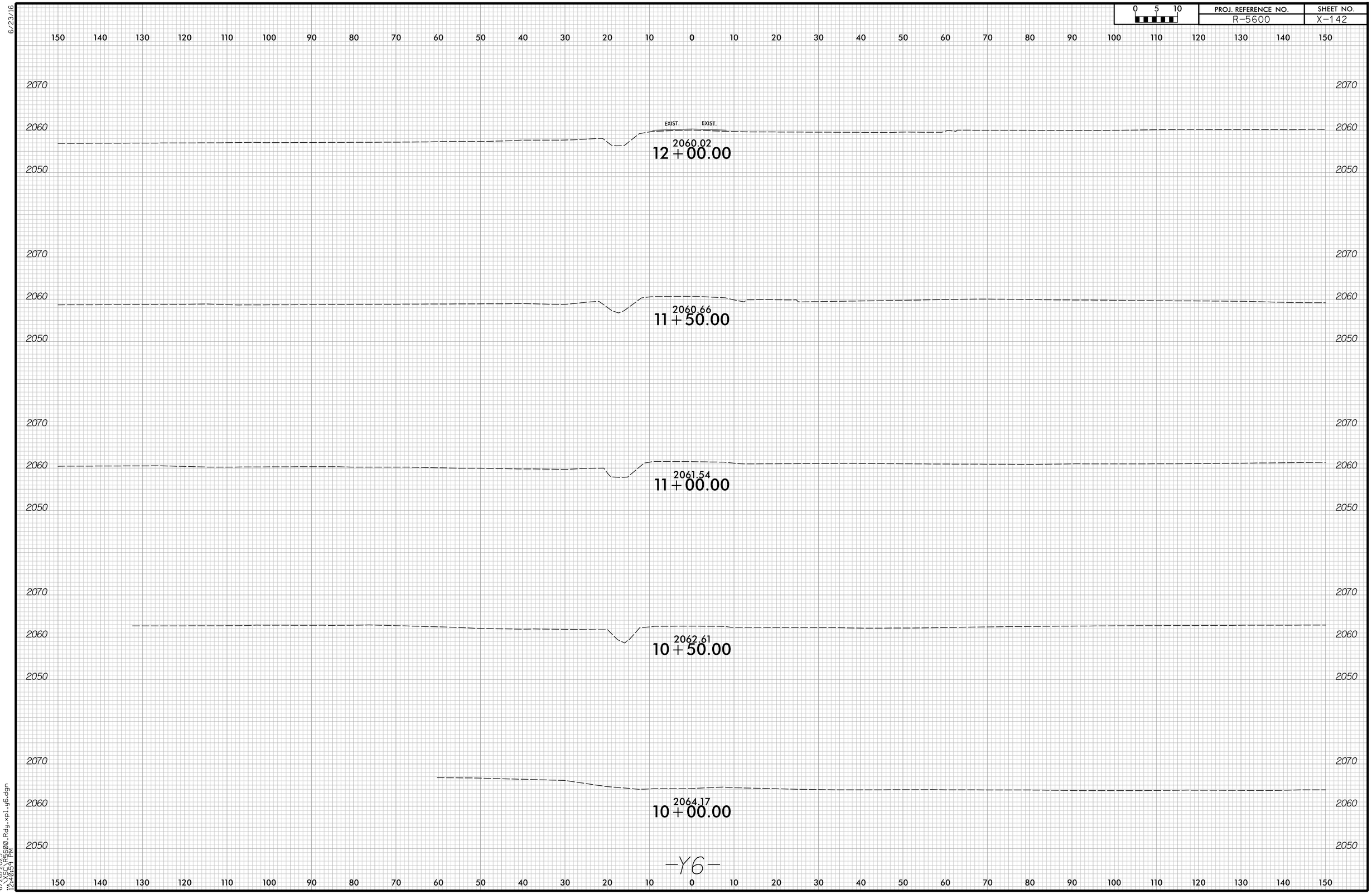
6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y5B.dgn
12:40:56 PM



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y5B.dgn
12:40:56 PM



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y6.dgn
12:40:59 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-143

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

UNDERCUT EXCAVATION

2080 2070 2060 2050

2071.89 0.020 0.020 2071.89

1.5:1

2063.71

14+00.00

2080 2070 2060 2050

0.020 0.020 2066.82

2059.76

13+50.00

2080 2070 2060 2050

2062.66 0.020 0.020 2062.66

2:1 2:1

2053.24

13+00.00

2040

BEGIN UNDERCUT EXCAVATION STA. 12+75

INTERSECTION SHEAR -Y5B-

2070 2060 2050

0.020 0.020 2:1

2059.21

12+50.00

-Y6-

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

6/26/2025
12:40:59 PM
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6/23/16

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	R-5600	X-144

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

UNDERCUT EXCAVATION

2080
2070
2060
2050

2076.75

15+00.00

END UNDERCUT EXCAVATION STA. 14+75

2090
2080
2070
2060
2050

2076.28 0.020 0.018 2076.28

1.5:1

2070.52

14+50.00

-Y6-

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

6/26/2025
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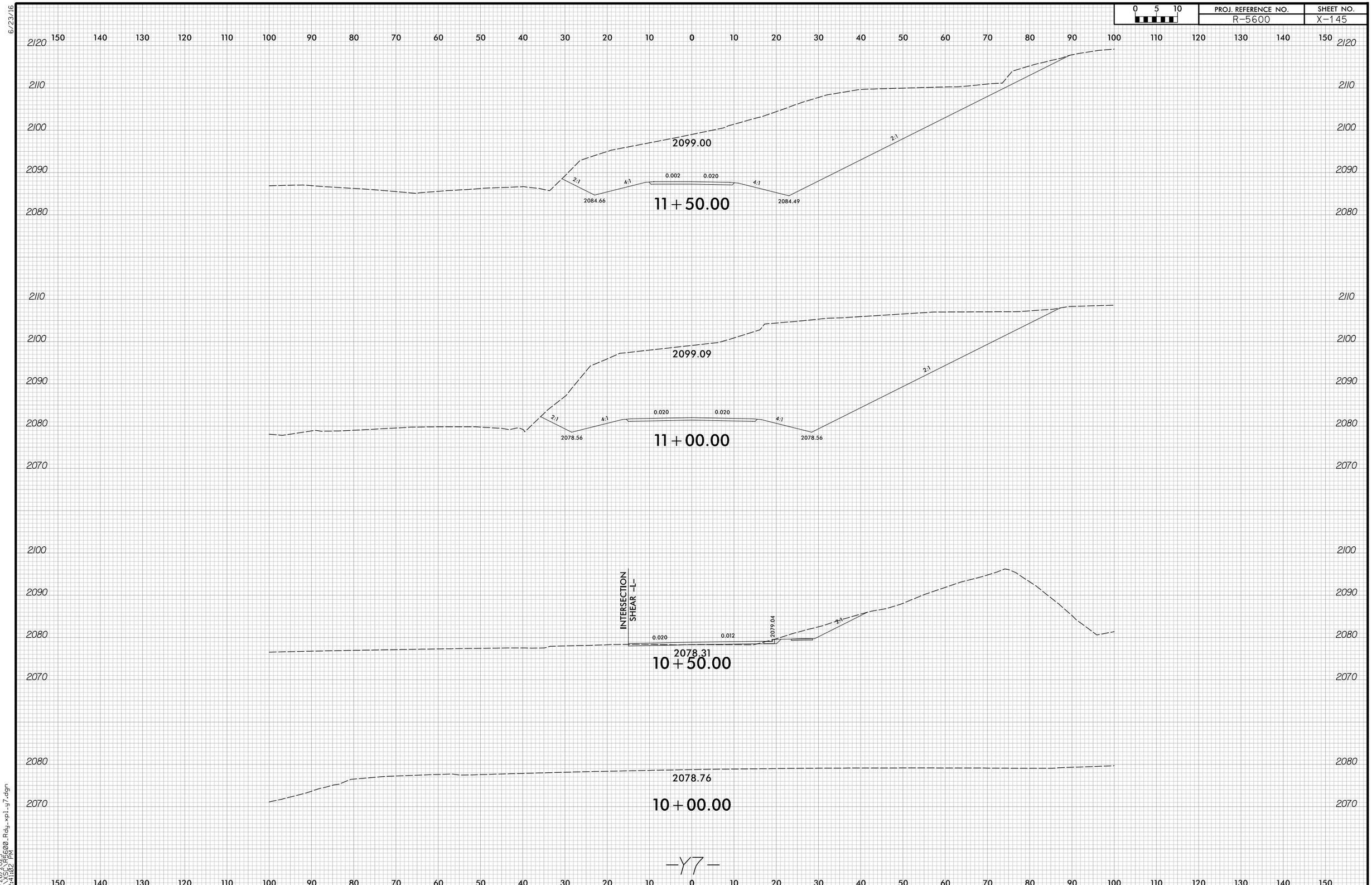

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6/26/2025
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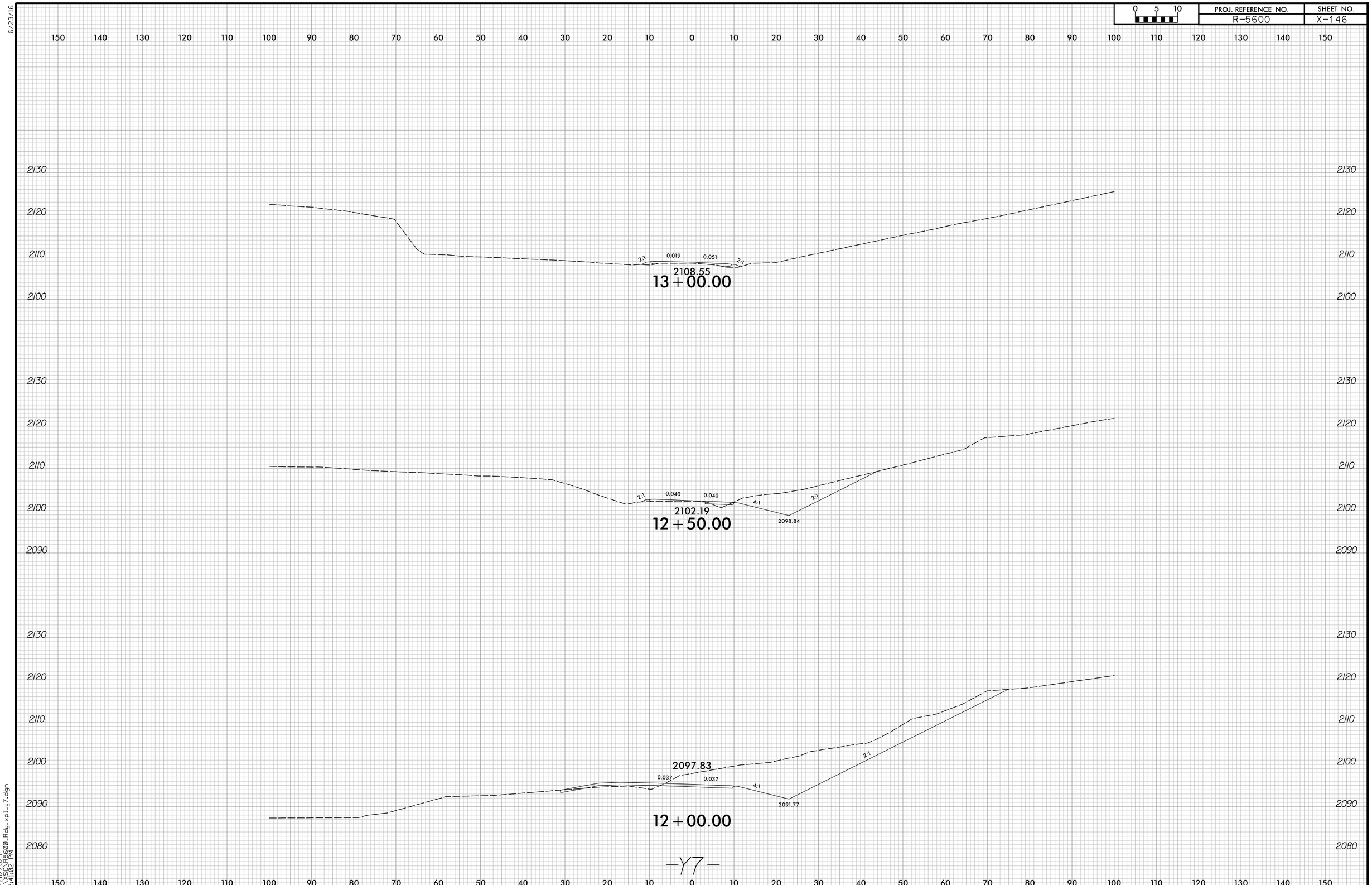

6/23/16

6/26/2025
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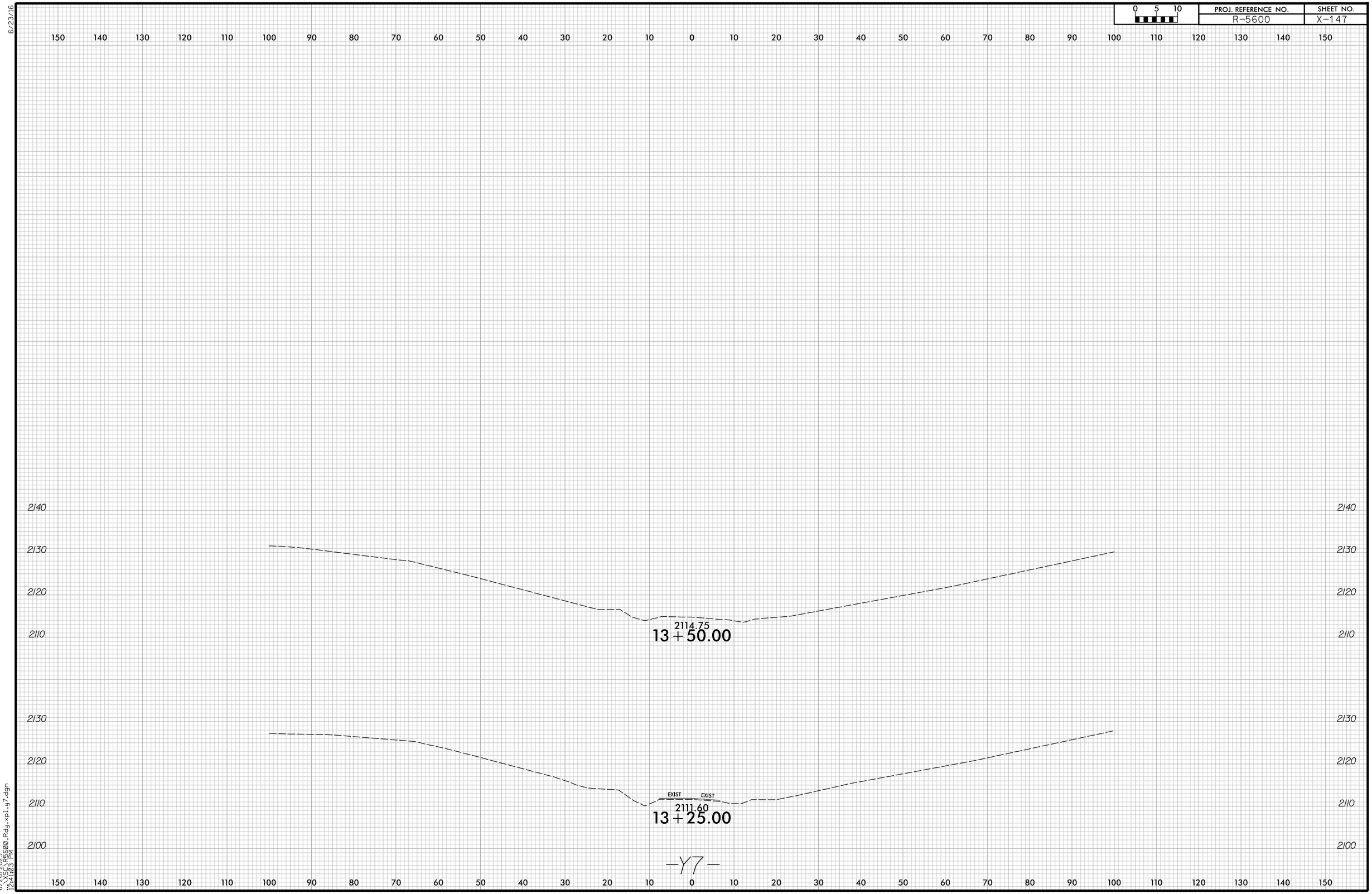

6/23/16

6/26/2025
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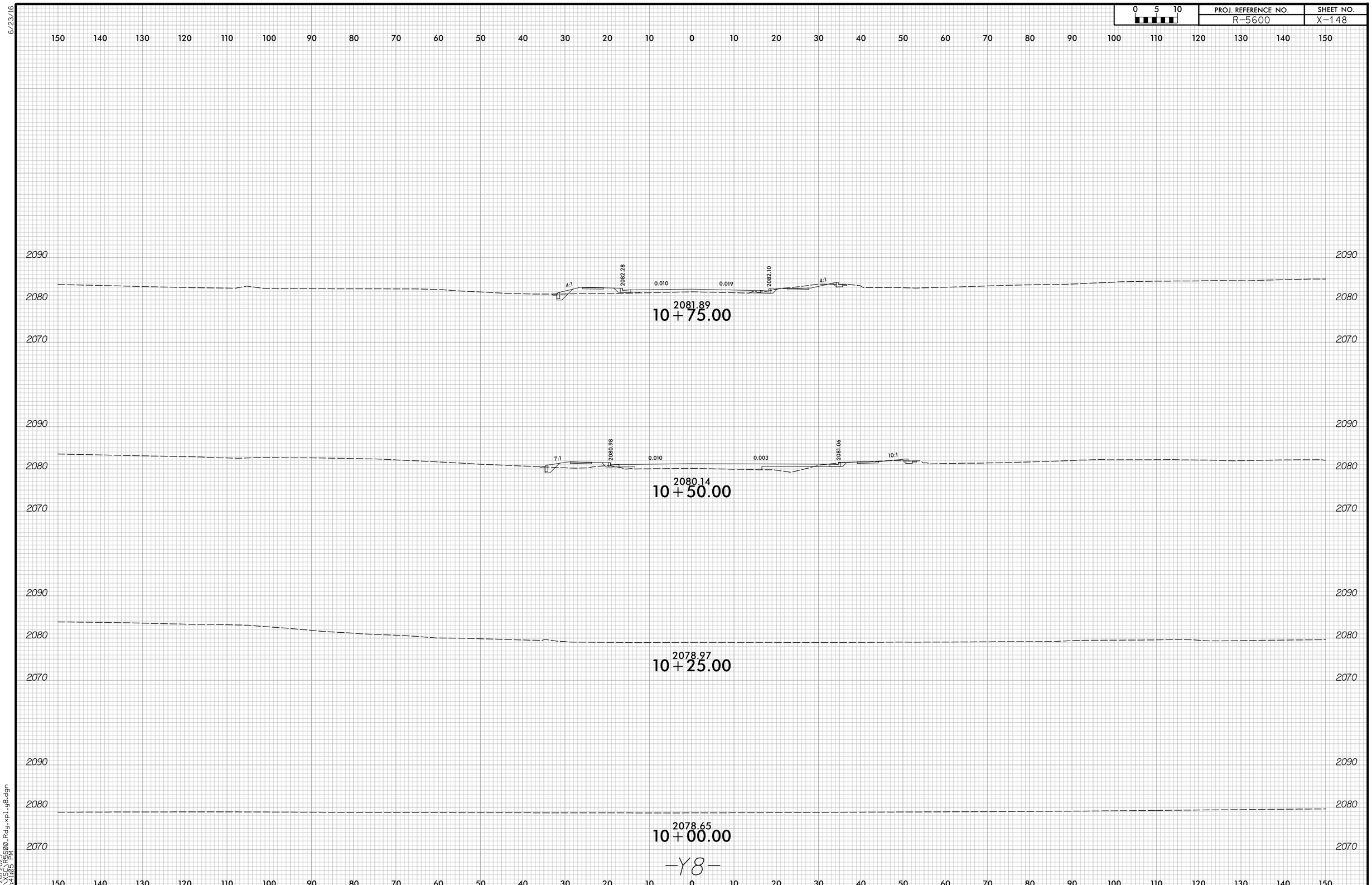

6/23/16

6/26/2025
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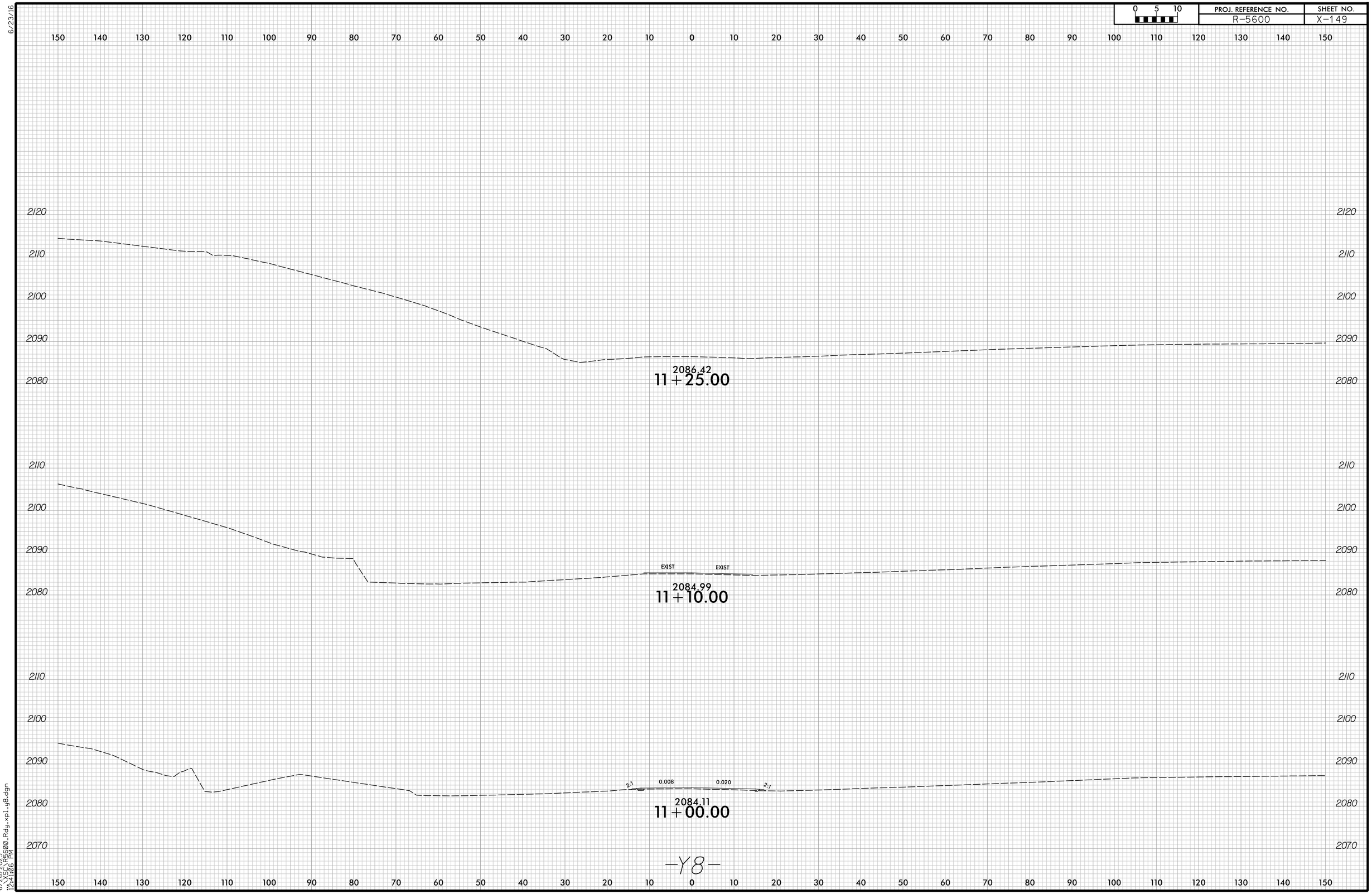
12:41:05 PM



6/23/16

6/26/2025
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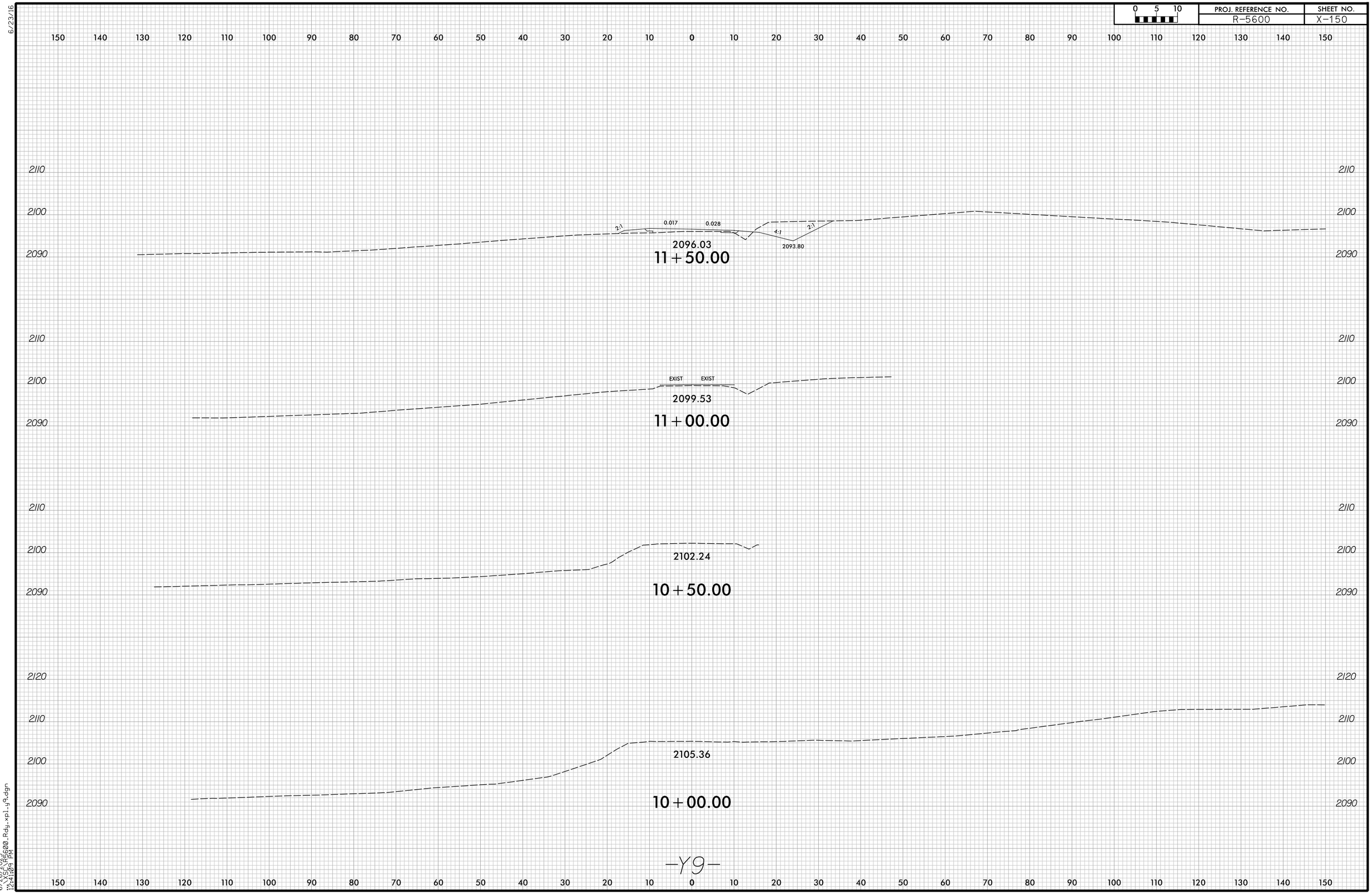

6/23/16

6/26/2025
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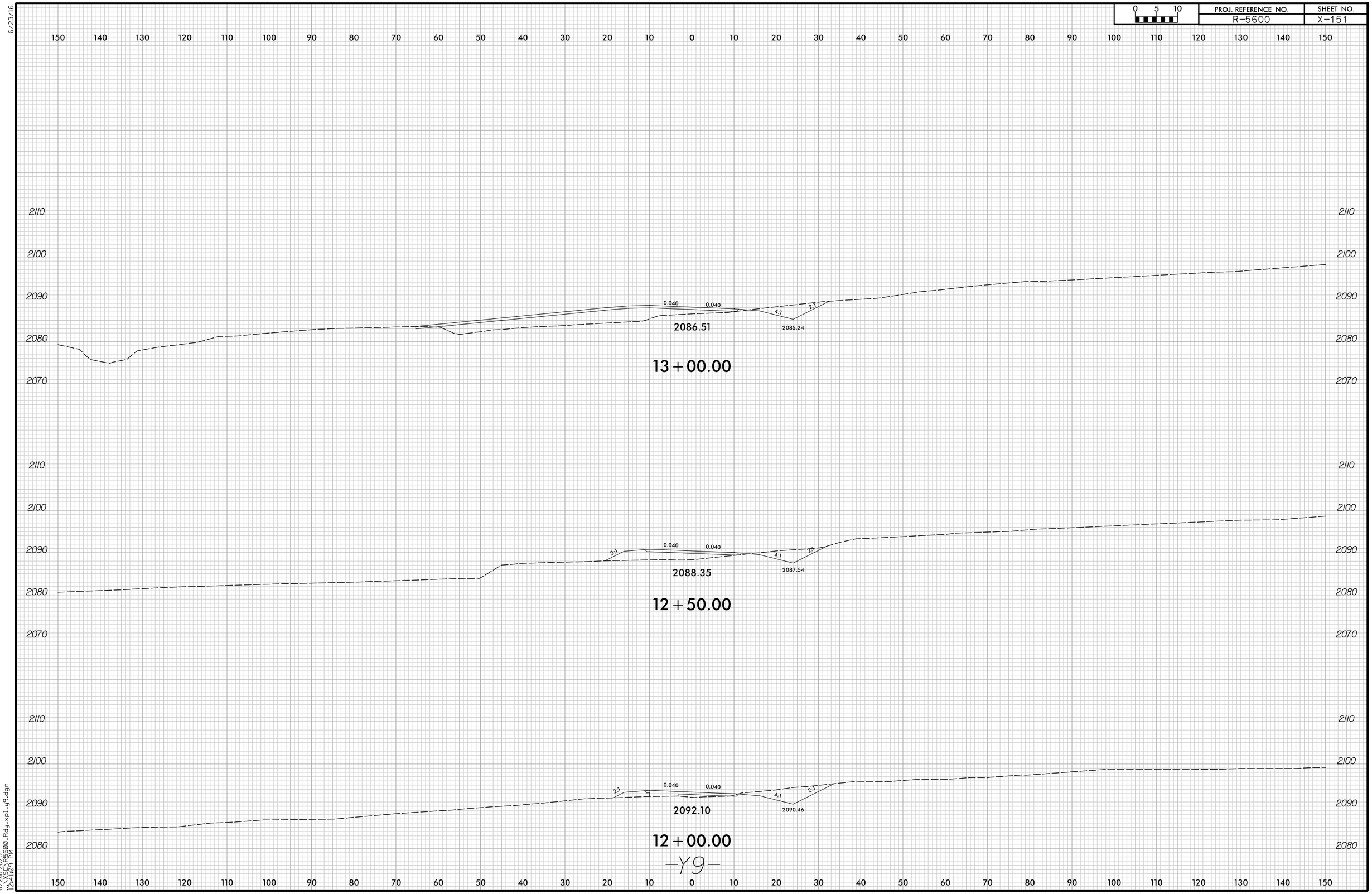
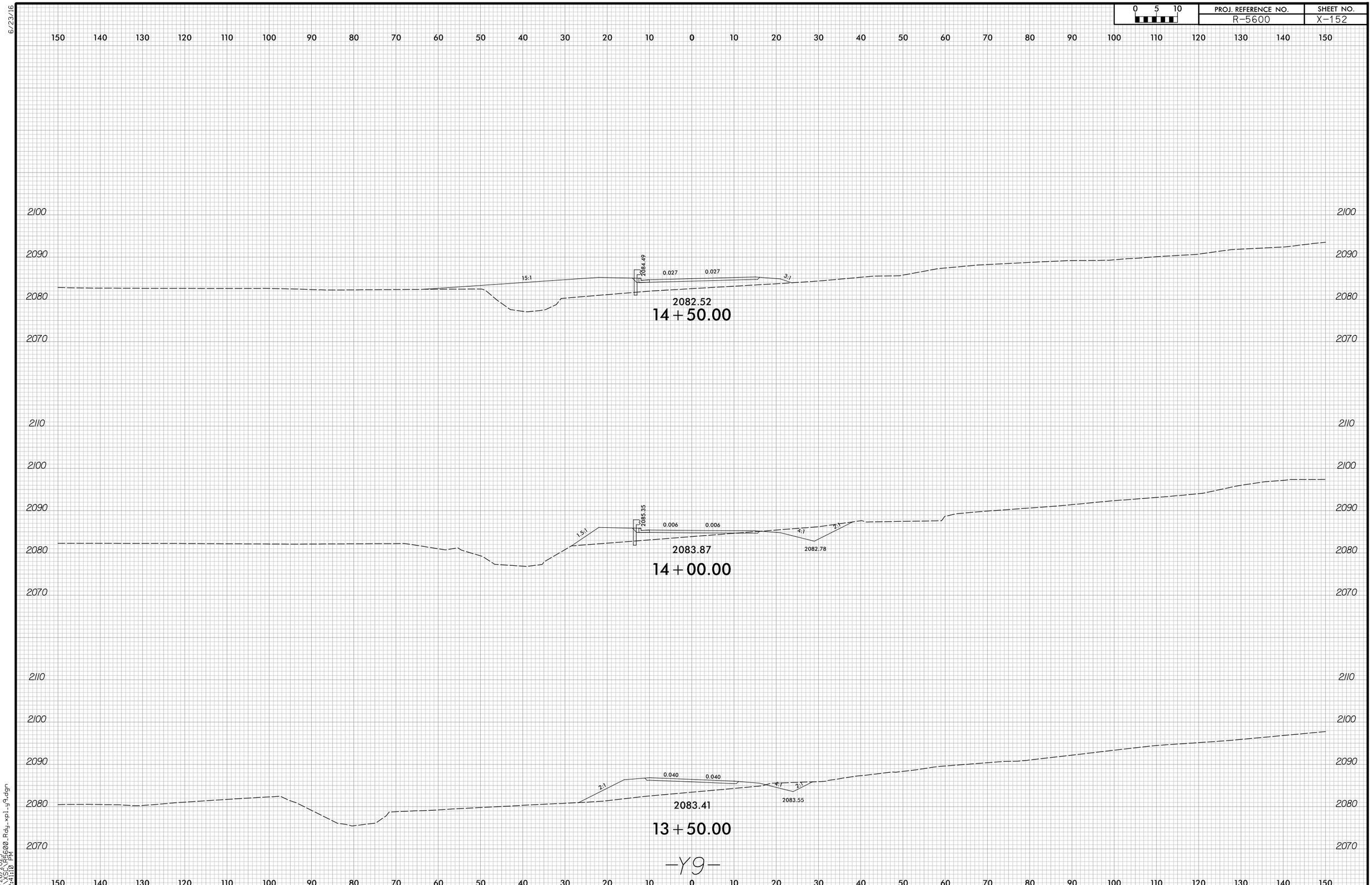


0 5 10
PROJ. REFERENCE NO.
R-5600
SHEET NO.
X-151
6/23/16
2110
2100
2090
2080
2070
0.040
0.040
4:1
2:1
2086.51
2085.24
13+00.00
2:1
0.040
0.040
4:1
2:1
2088.35
2087.54
12+50.00
2:1
0.040
0.040
4:1
2:1
2092.10
2090.46
12+00.00
-Y9-
6/26/2025
\\XSC\R5600_Rdy_xpl_y9.dgn
12:41:09 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-152



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y9.dgn
12:41:10 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-153

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 2080

2085.81
16+00.00

2100 2090 2080 2070

4:1 2084.58 0.035 0.035 2086.01 2:1

2081.33
15+50.00

2100 2090 2080 2070

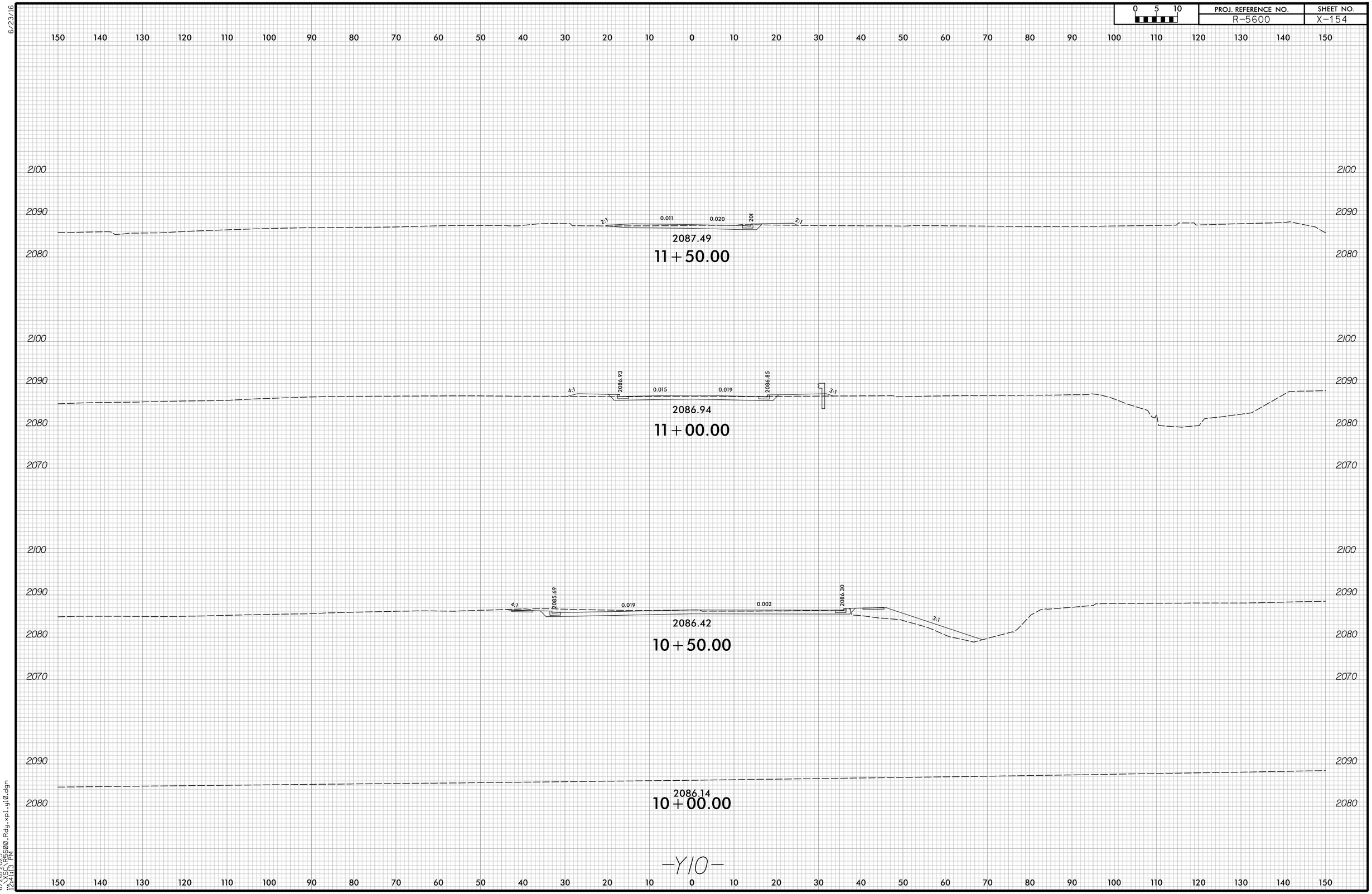
17:1 2084.38 0.040 0.040 2:1

2081.38
15+00.00

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

-Y9-

6/26/2025
12:41:10 PM
X:\SUE\R5600_Rdy_xpl_y9.dgn



6/23/16

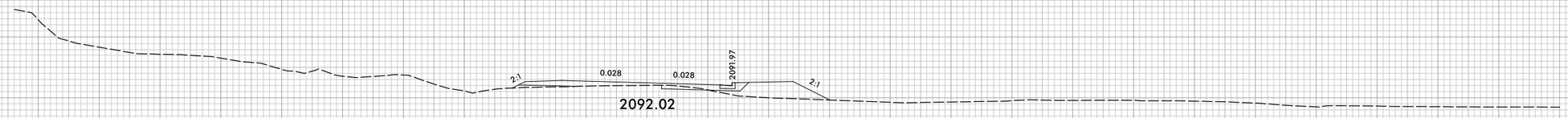
6/26/2025
...\XSC\R5600_Rdy_xpl_y10.dgn
12:41:13 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-155

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

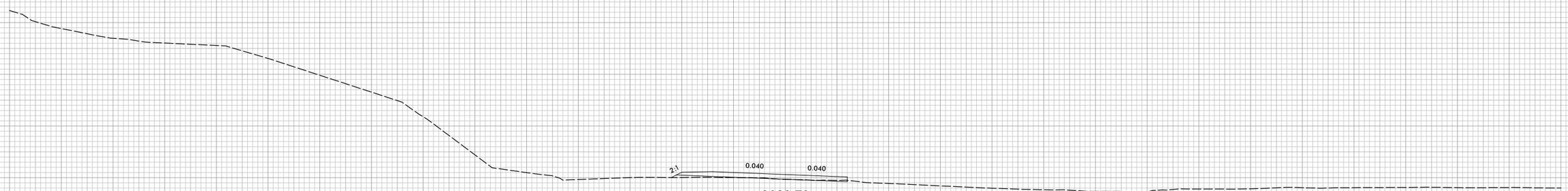
2110
2100
2090
2080



2092.02

13+00.00

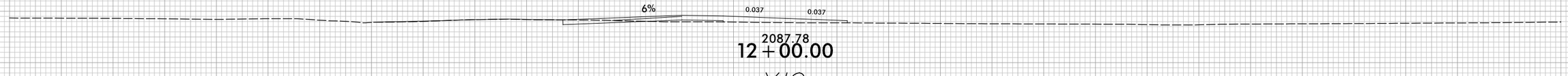
2150
2140
2130
2120
2110
2100
2090
2080



2089.70

12+50.00

2100
2090
2080



2087.78

12+00.00

-Y10-

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

6/26/2025
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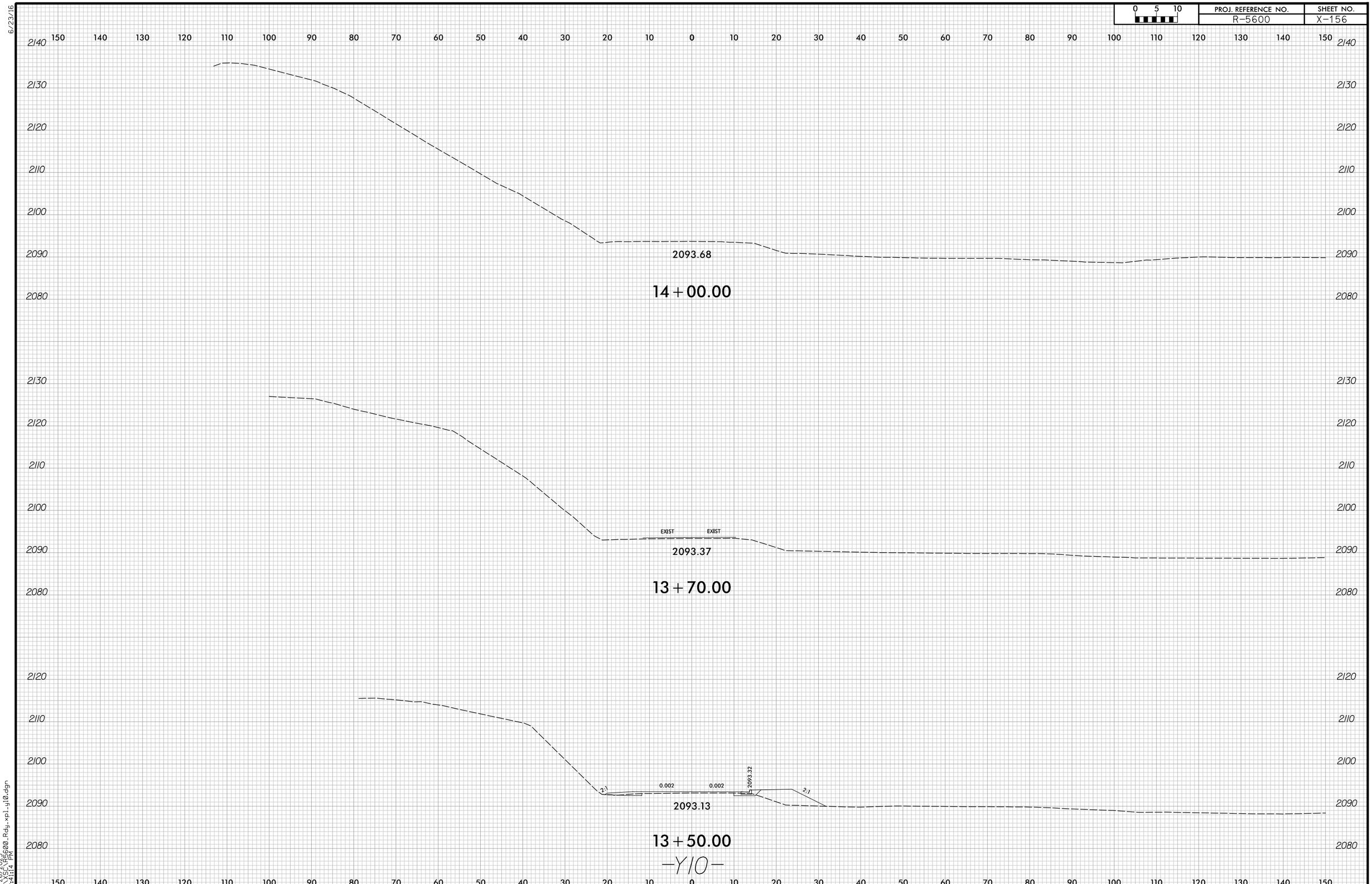
X:\SCDOT\R5600_Rdy_xpl_y10.dgn



6/23/16

6/26/2025
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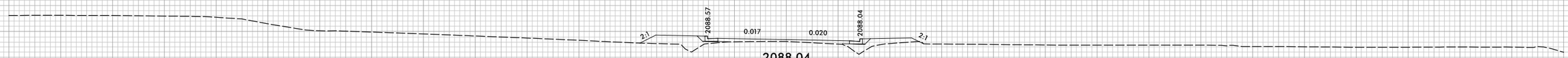
12:41:14 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-157

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

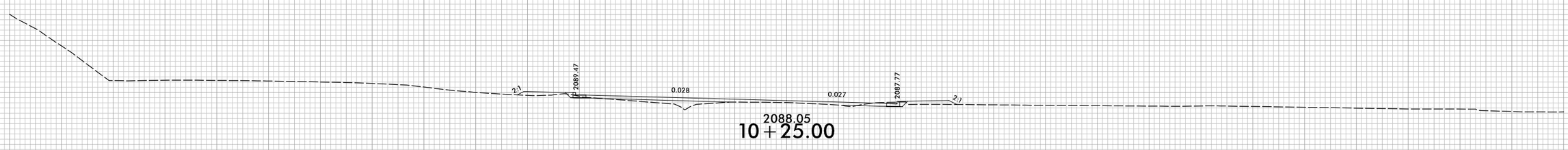
2110
2100
2090
2080
2070



2088.04

10+50.00

2130
2120
2110
2100
2090
2080



2088.05

10+25.00

2120
2110
2100
2090
2080

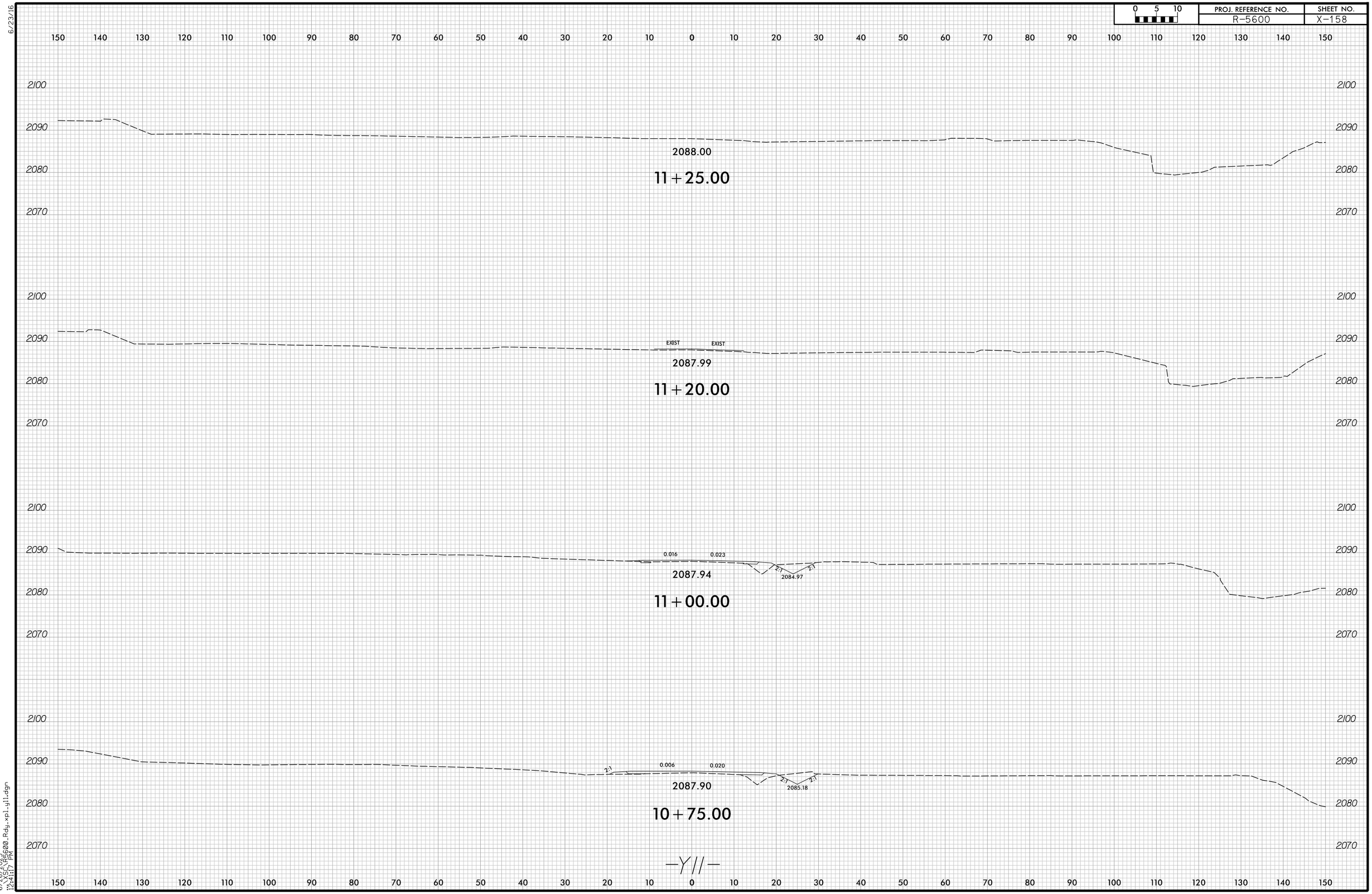
2087.98

10+00.00

—Y//—

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

6/26/2025
12:41:16 PM
X:\SUE\R5600_Rdy_xpl_y11.dgn



6/23/16

6/26/2025
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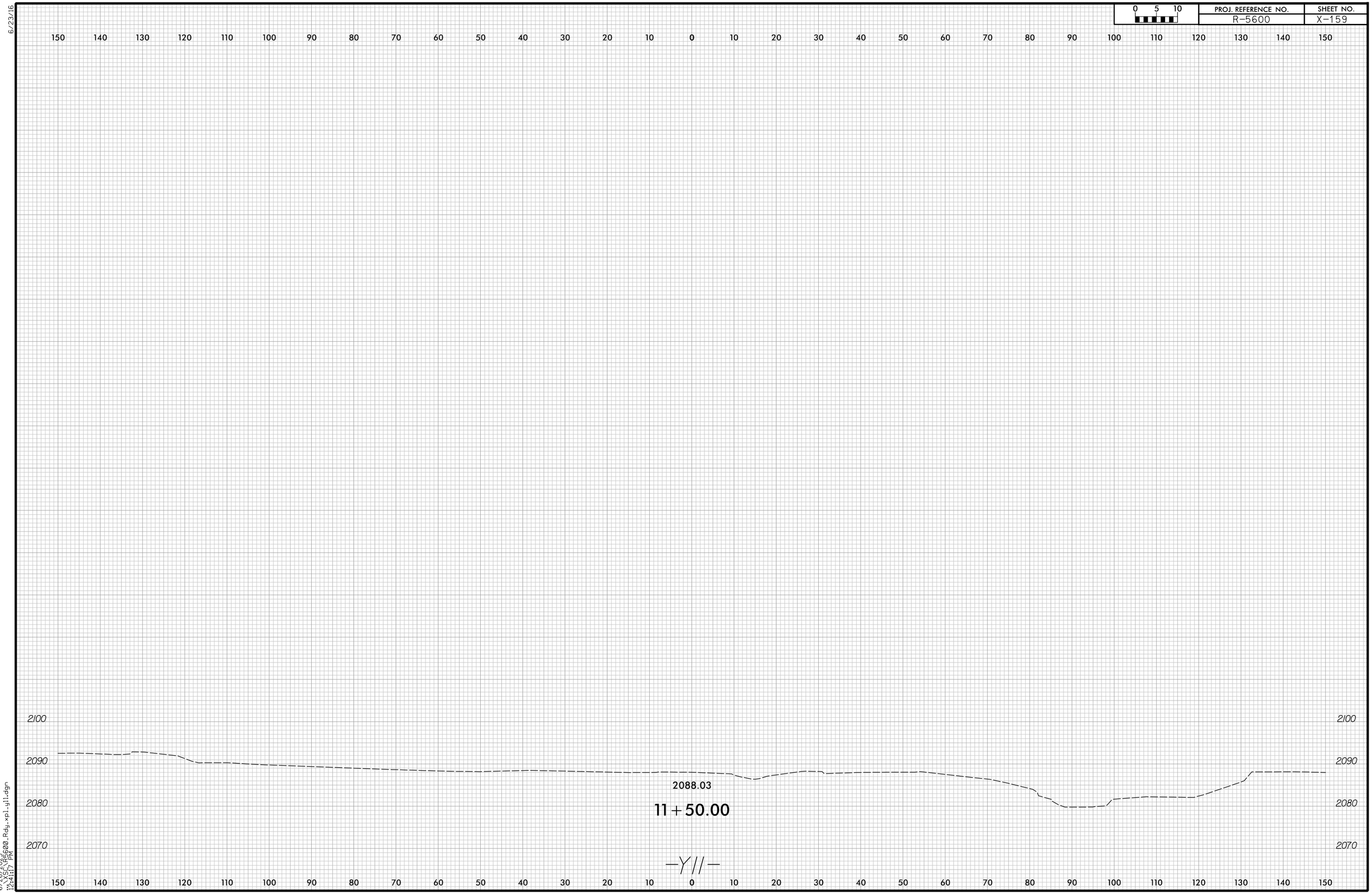
12:41:17 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-159



6/23/16

6/26/2025
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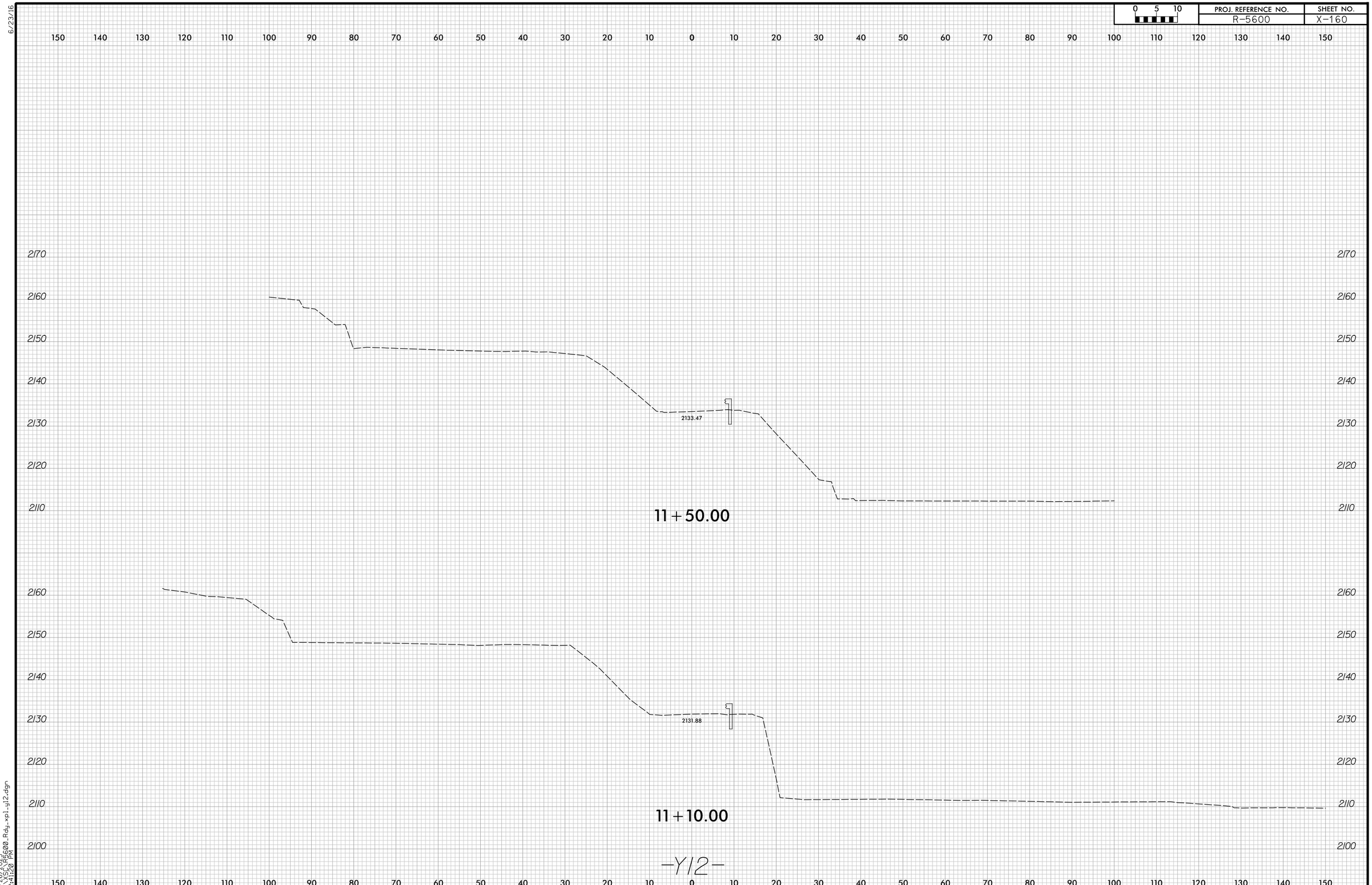
12:41:17 PM



6/23/16

6/26/2025
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12:41:20 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-161

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

2160
2150
2140
2130
2120
2110

EXIST EXIST
2134.20

12+30.00

2170
2160
2150
2140
2130
2120
2110

2134.08

12+00.00

-Y12-

6/25/2025
12:41:20 PM
R-5600_Rdy_xpl_y12.dgn

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-162

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

2160
2150
2140
2130
2120
2110

EXIST
2133.43

13+15.25

EXIST
EXIST
2133.98

13+00.00

EXIST
EXIST
2134.35

12+50.00

-Y12-

6/26/2025
12:41:21 PM
C:\SCDOT\R5600_Rdy_xpl_y12.dgn

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-163

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

2160 2150 2140 2130

2:1 0.020 0.001 2:1 1.5:1

2134.82

2134.12

10+75.00

2150 2140 2130 2120

4:1 2130.70 0.020 0.020 2131.64 1.5:1

2129.84

10+50.00

2140 2130 2120

2128.14

10+25.00

2140 2130 2120

2128.26

10+00.00

-Y13-

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

6/26/2025
12:41:23 PM
X-5600_Rdy_xpl_y13.dgn

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-164

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

2180
2170
2160
2150
2140
2130

2141.13
11+25.00

2170
2160
2150
2140
2130

EXIST EXIST 2% 2%
2139.10
2137.90
11+08.00

2170
2160
2150
2140
2130

0.012 0.018 2:1 2:1
2138.26
2136.95
11+00.00

-Y13-

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

6/26/2025
12:41:24 PM
X:\SUE\R5600_Rdy_xpl_y13.dgn

6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y14.dgn
12:41:26 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-166

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

2230
2220
2210
2200
2190
2180
2170

2202.75
EXIST
EXIST
2202.88
2:1

10+70.00

2205.57

10+50.00

-Y14-

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

6/26/2025
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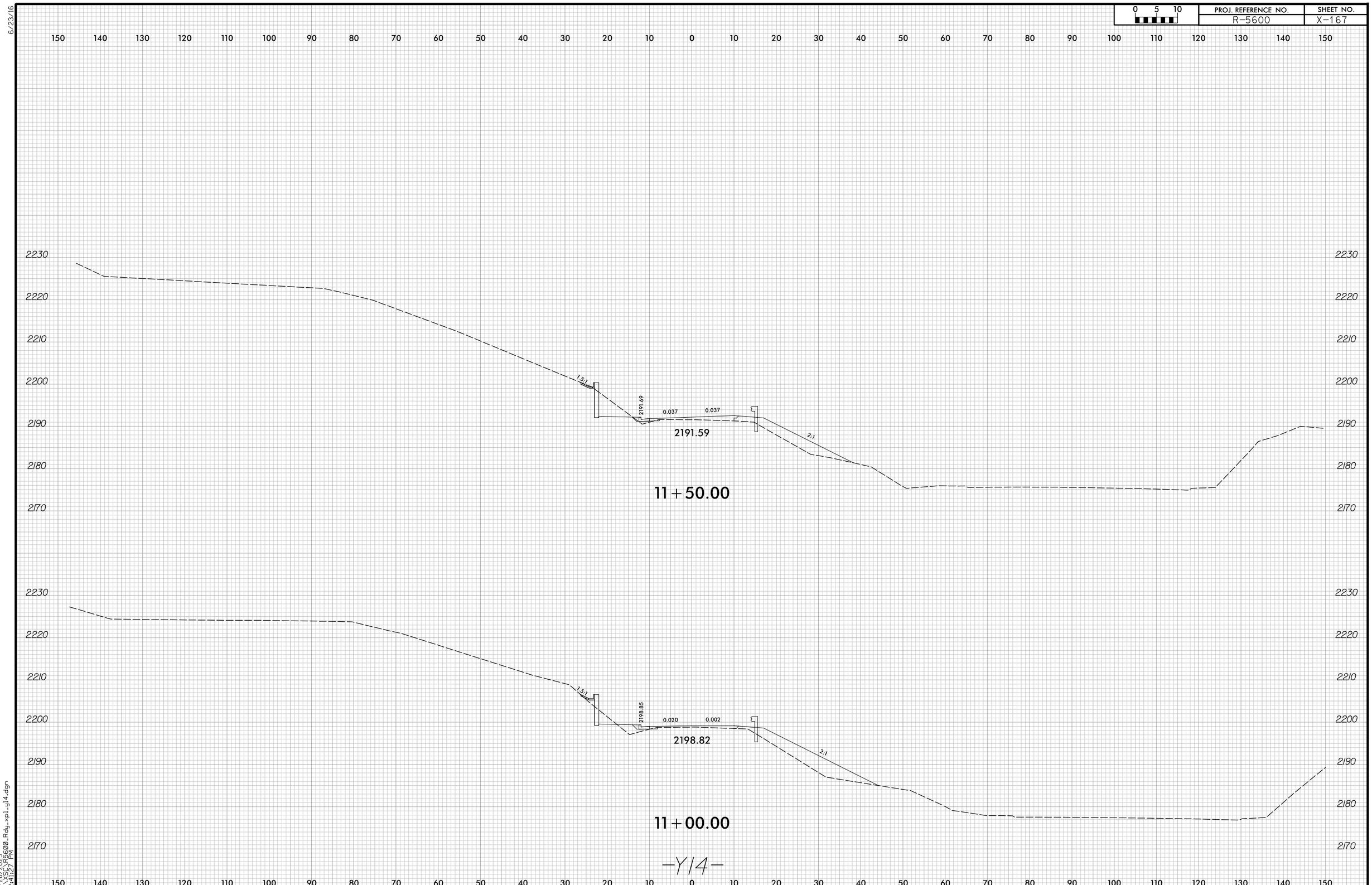

6/23/16

6/26/2025
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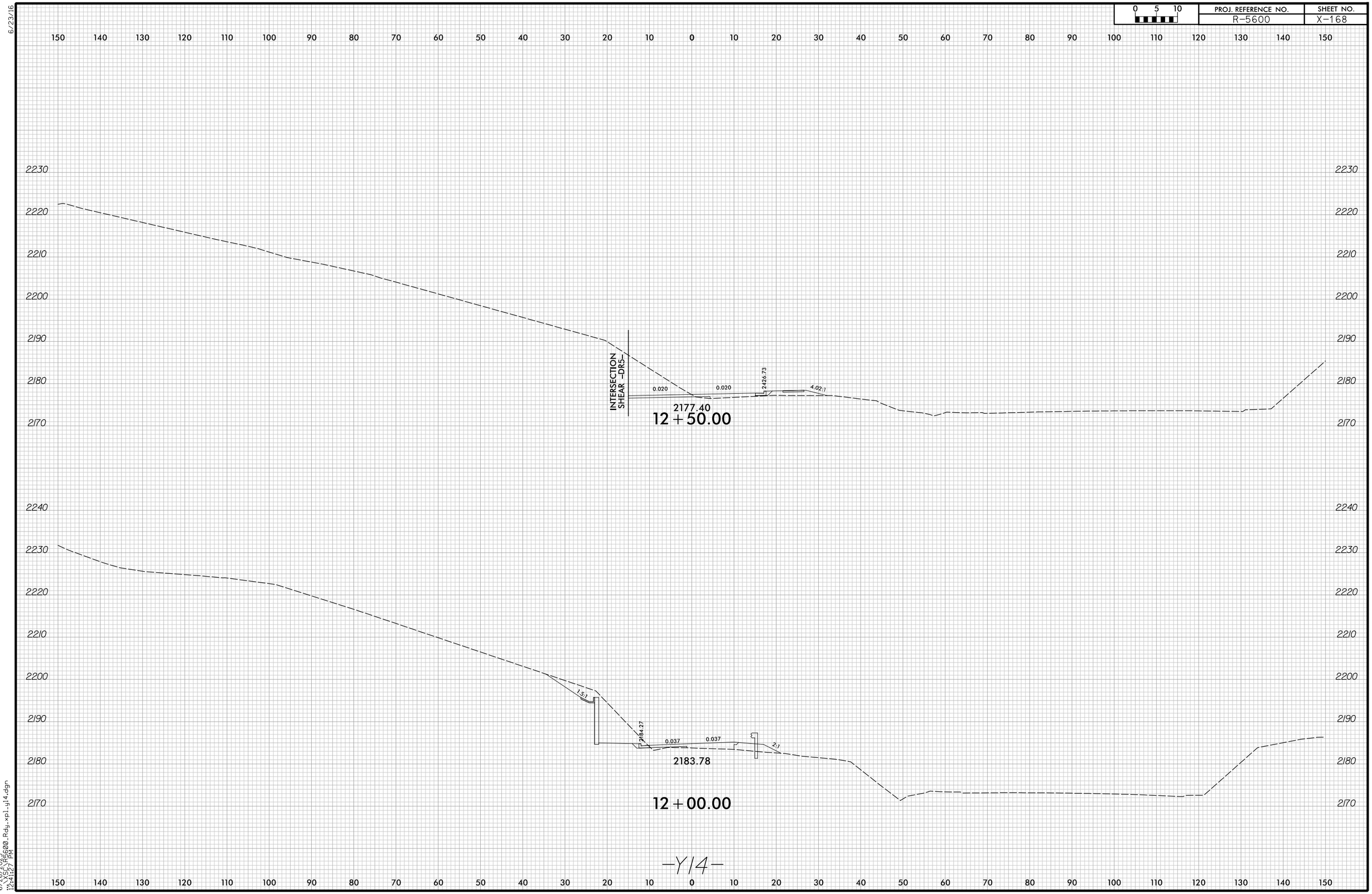

6/23/16

6/26/2025
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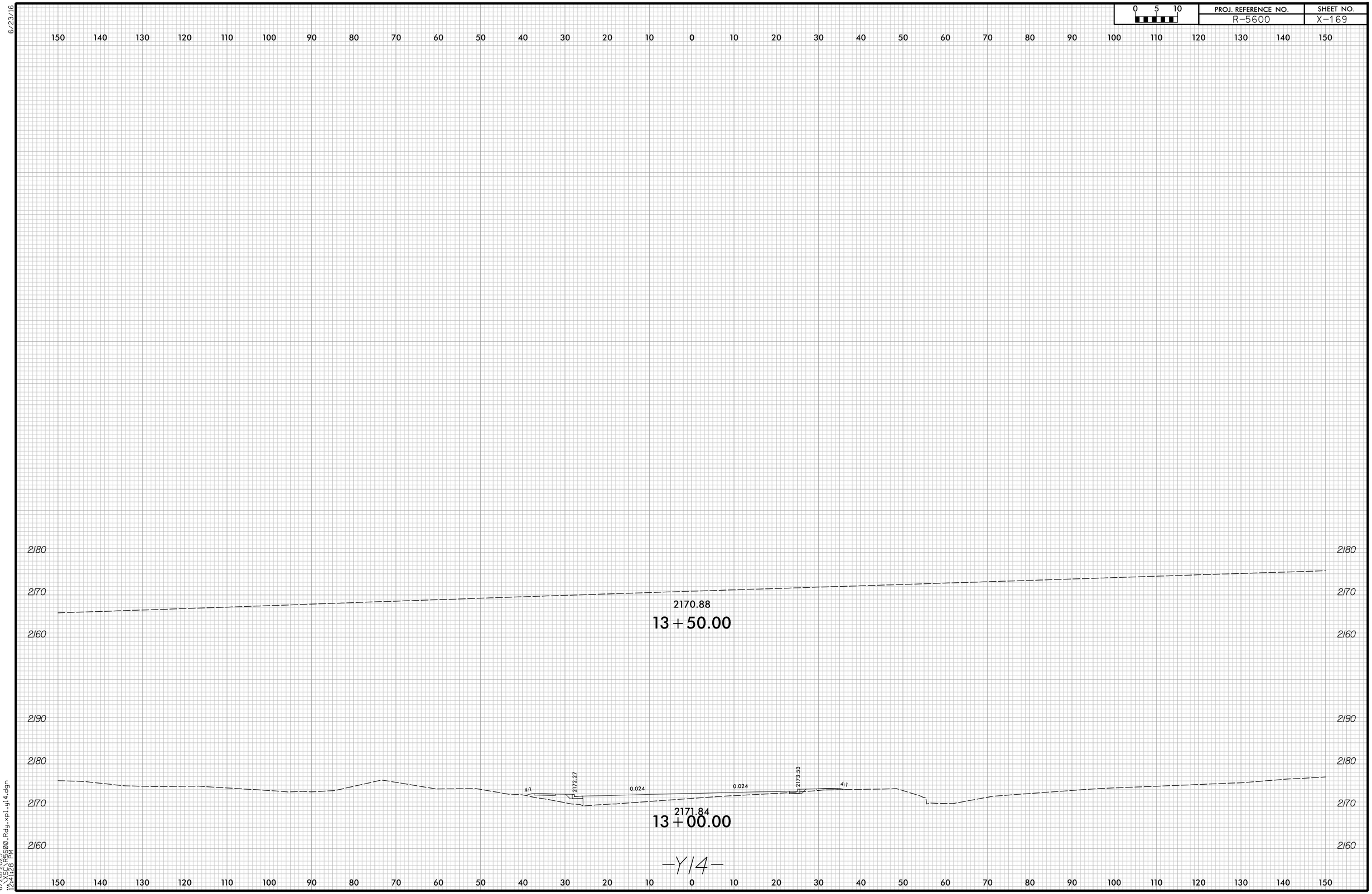

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6/26/2025
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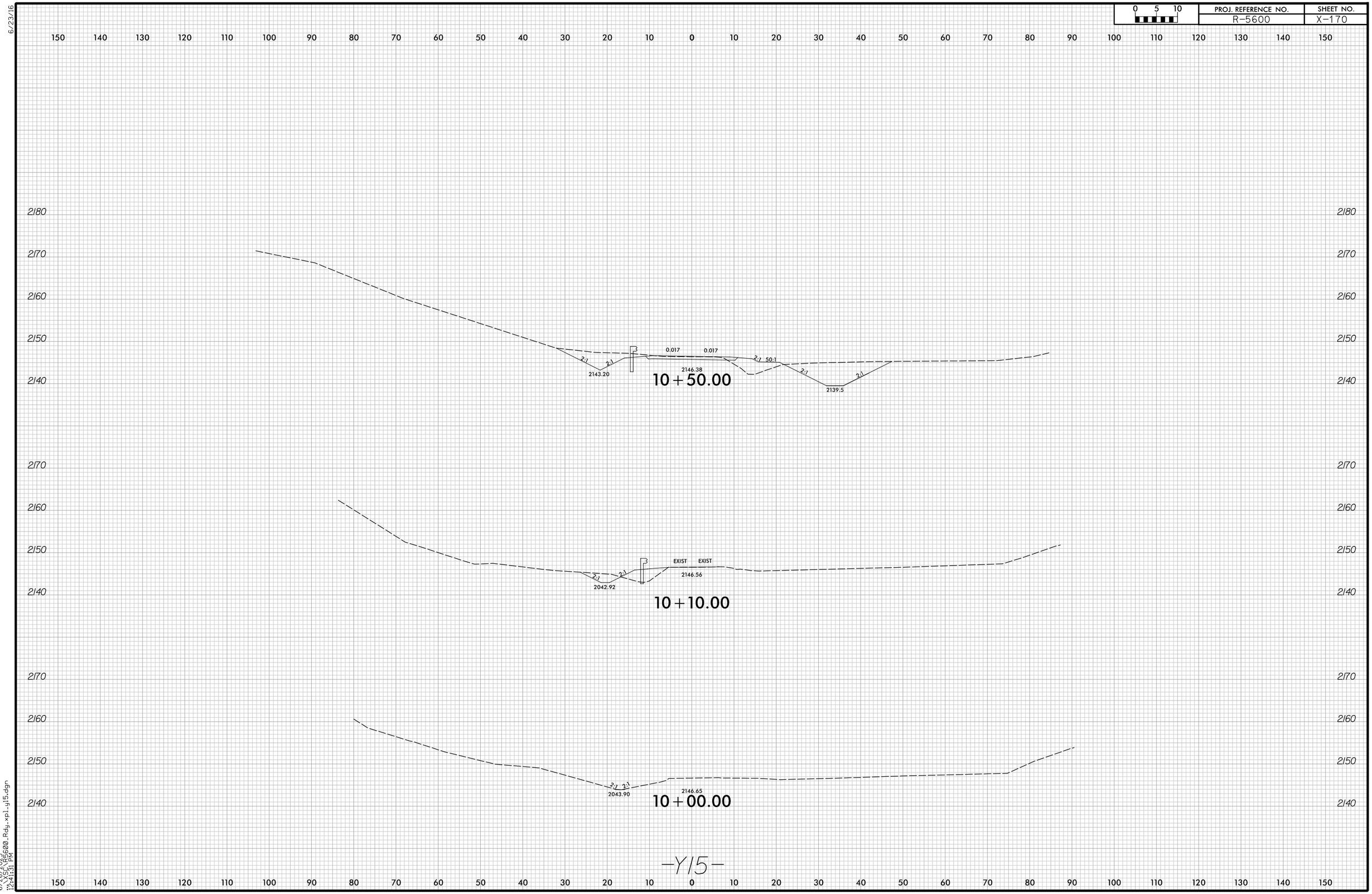

6/23/16

6/26/2025
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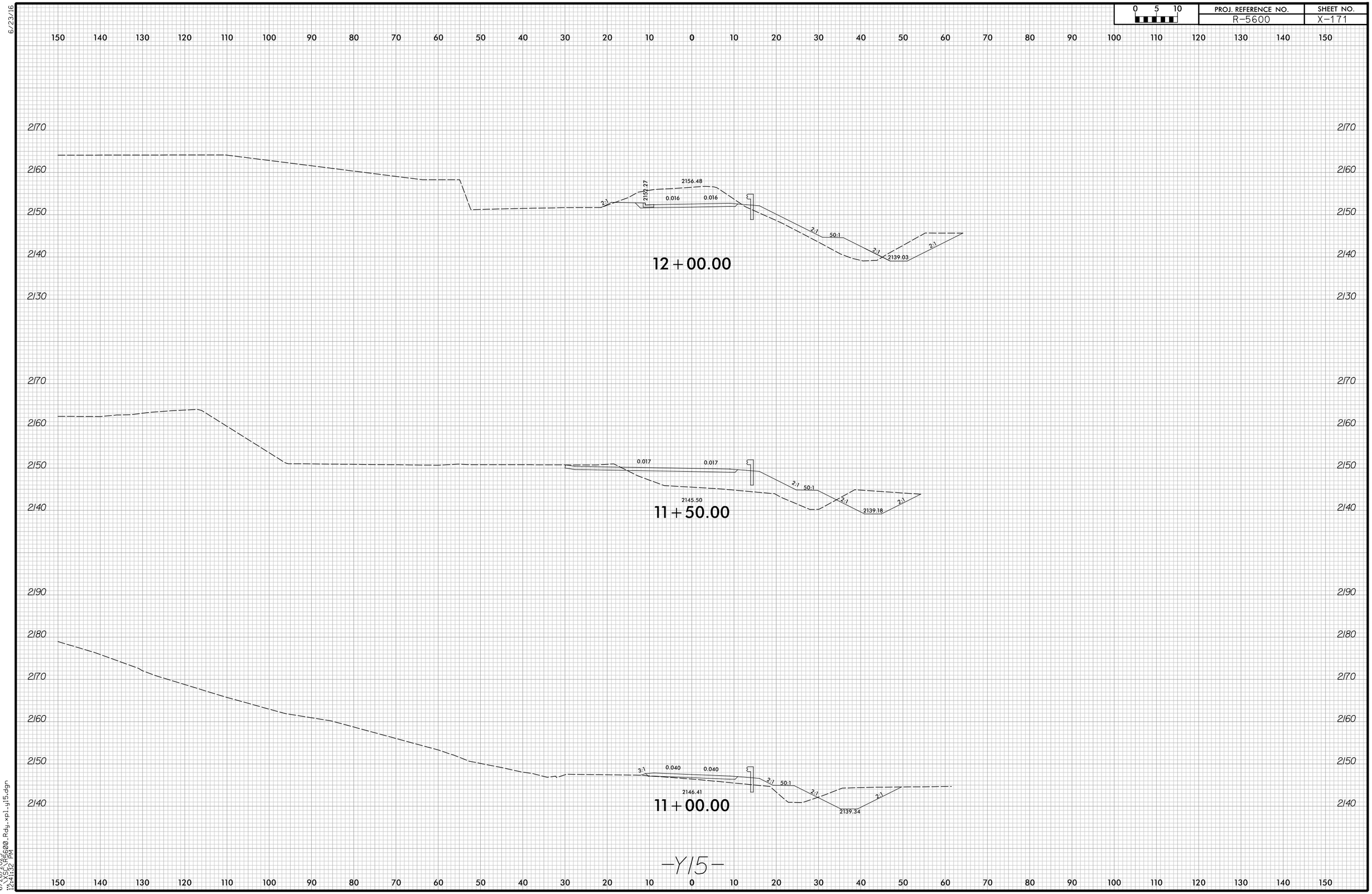

6/23/16

6/26/2025
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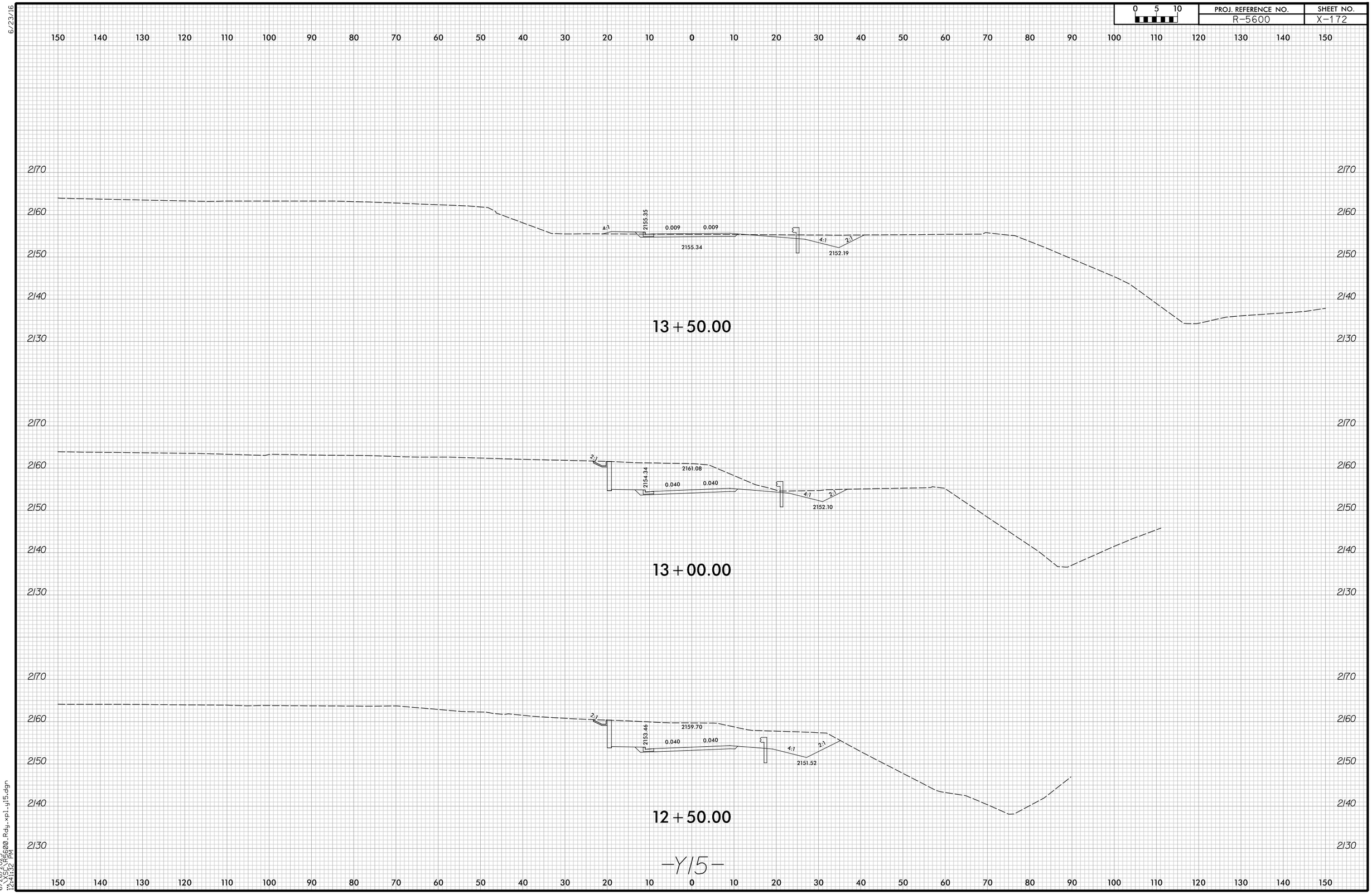
12:41:32 PM



6/23/16

6/26/2025
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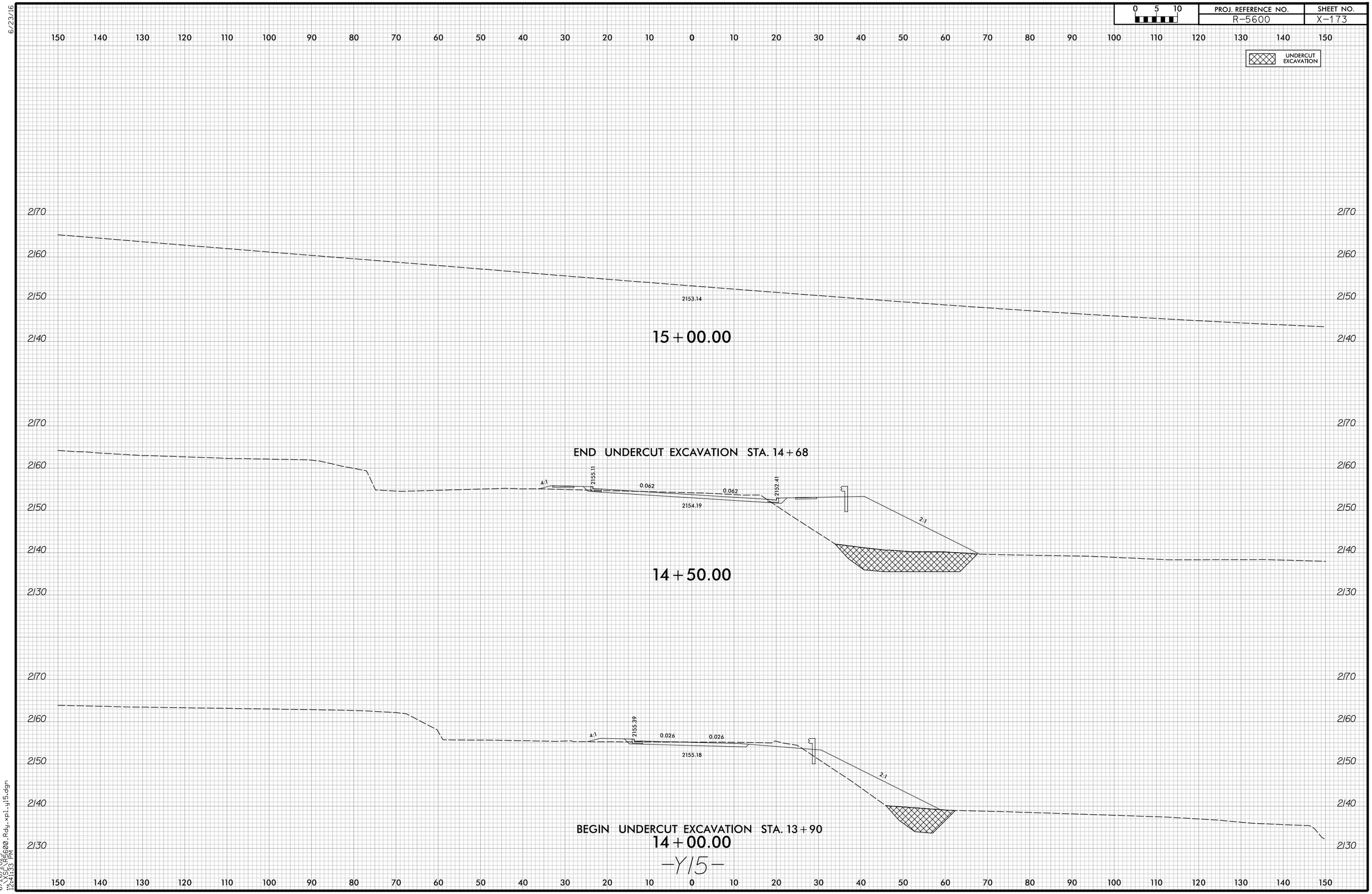
12:41:32 PM



6/23/16

6/26/2025
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12:41:33 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-174

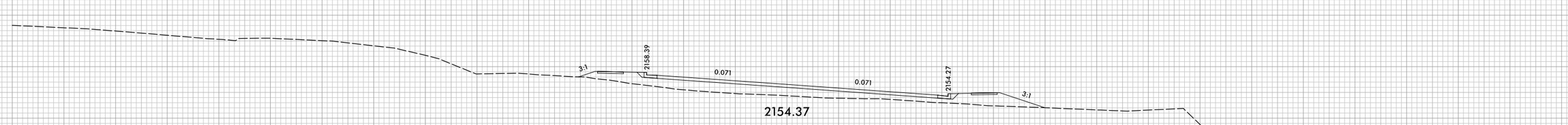
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

2190
2180
2170
2160
2150
2140

2155.49

11+00.00

2180
2170
2160
2150
2140



2154.37

10+50.00

2180
2170
2160
2150
2140

2156.41

10+00.00

-Y16-

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

6/26/2025
12:41:35 PM
X:\SUE\R5600_Rdy_xpl_y16.dgn

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-175

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

2220
2210
2200
2190
2180
2170
2160
2150
2140

INTERSECTION
SHEAR -Y17-

2:1 0.020 0.020

2161.90

12+00.00

2:1 4:1

0.020 0.020

2161.4

2162.40

11+50.00

-Y16-

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

6/26/2025
12:41:35 PM
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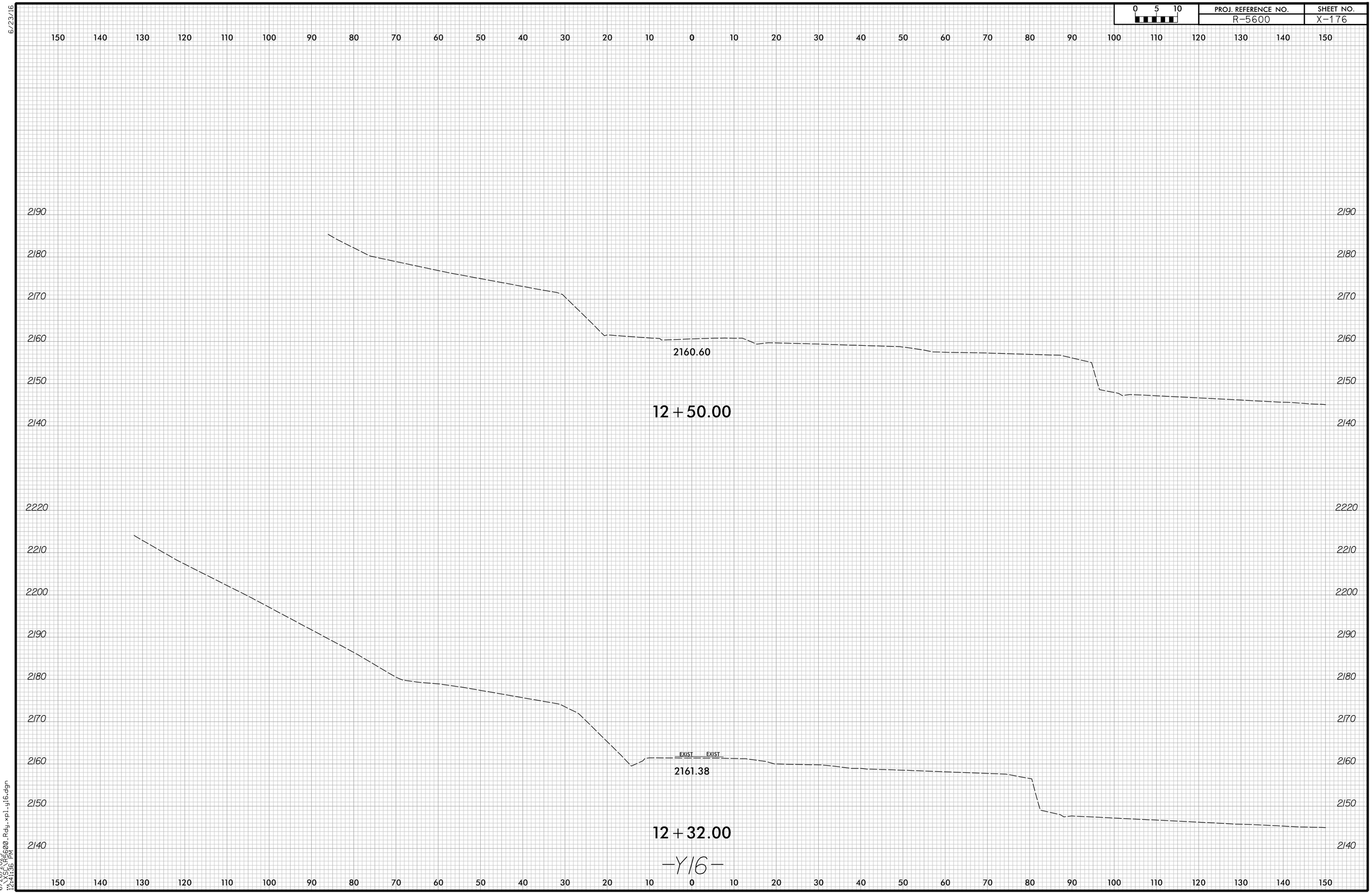

6/23/16

6/26/2025
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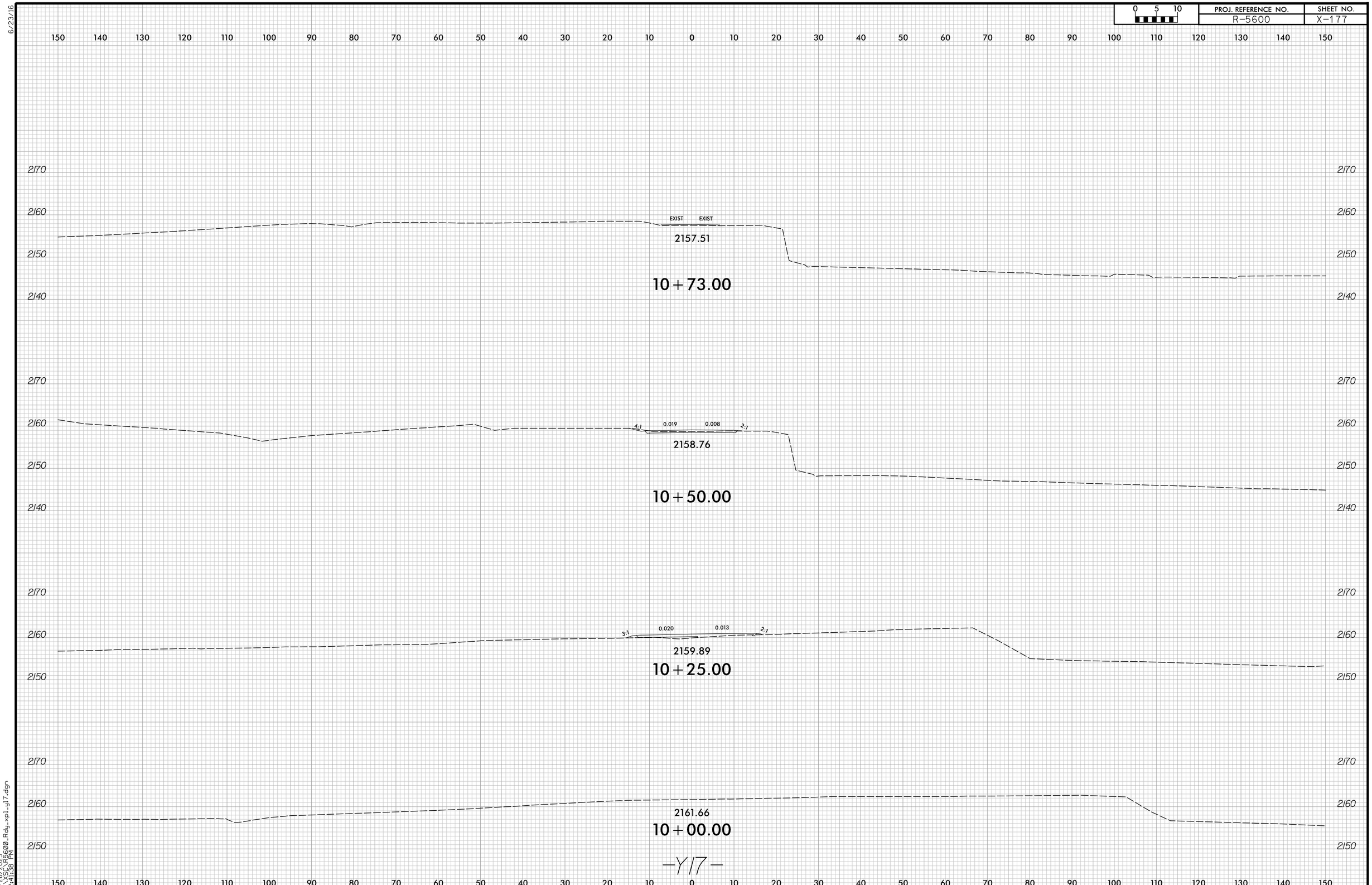
12:41:36 PM



6/23/16

6/26/2025
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12:41:38 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-178

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

2160
2150
2140

2156.60

11+00.00

EXIST EXIST

2157.10

10+85.00

-Y17-

2160
2150
2140

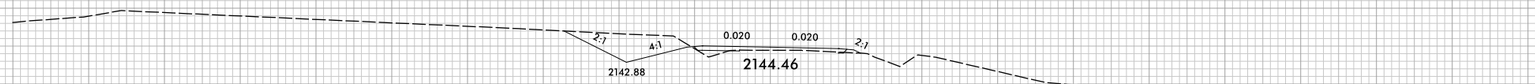
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

6/26/2025
12:41:39 PM
X:\SDC\R5600\Rdy_xpl_y17.dgn

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-179

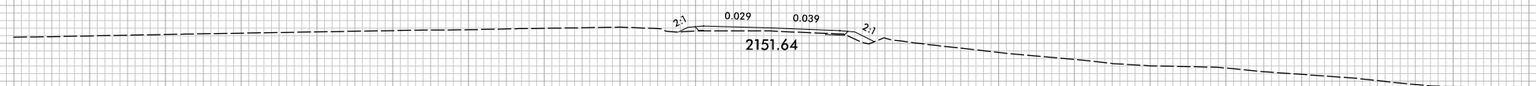
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

2140
2130



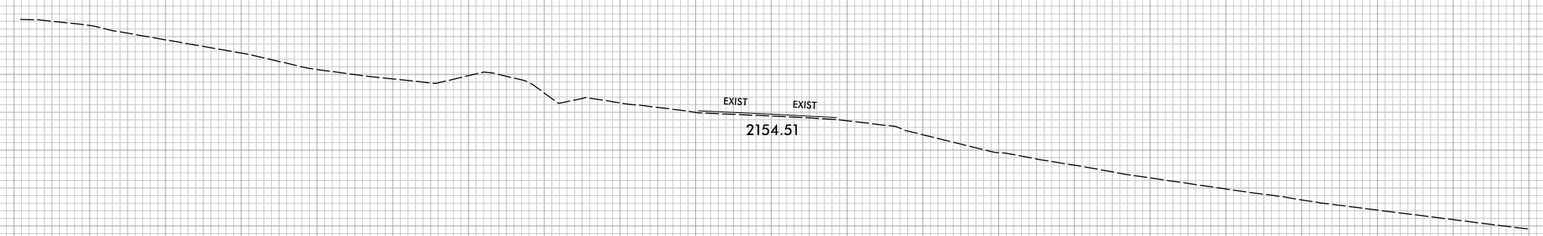
11+00.00

2150
2140



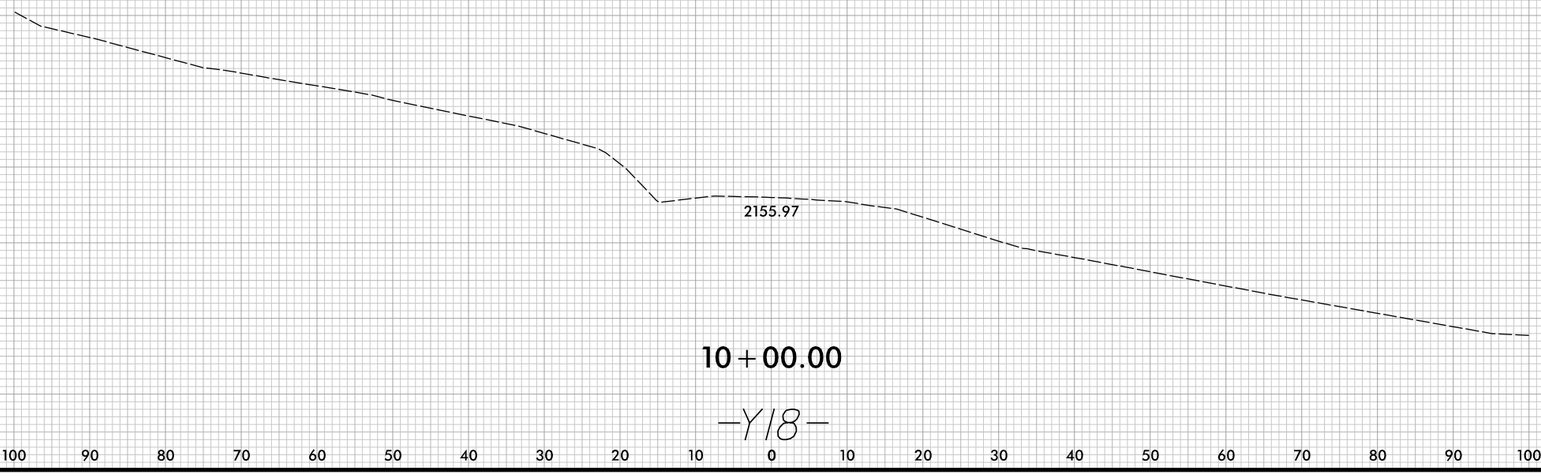
10+50.00

2160
2150
2140
2130



10+25.00

2170
2160
2150
2140
2130



10+00.00

-Y18-

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

8/23/99

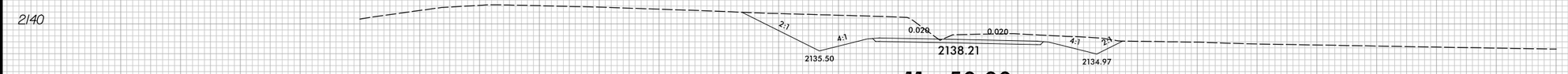
PLOT DRIVER: ncdot_eng_pdf_halfsize.pltcfg
USER: ASNIDER
FILE: \

PENTABLE: R5600_pshpfil.tbl
TIME: 12:41:42 PM
DATE: 6/26/2025

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-180

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



11+50.00

-Y18-

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

PLOT DRIVER: ncdot_eng_pdf_halfsize_pltcfg | PENTABLE: R5600_pshpfi.tbl
USER: ASNIDER | TIME: 12:41:42 PM
DATE: 6/26/2025
FILE: \

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-181

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

2150
2140
2130

5:1 0.020 0.010

2136.67

11+00.00

2150
2140
2130

39:1 2134.72 0.008 0.008 2134.99 4:1

2134.71

10+75.00

2140
2130

10:1 2133.78 0.008 0.008 2133.38 4:1

2133.22

10+50.00

2140
2130

2133.06

10+25.00

2140
2130
2120

2140
2130

2133.47

10+00.00

2140
2130
2120

-Y19-

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

6/26/2025
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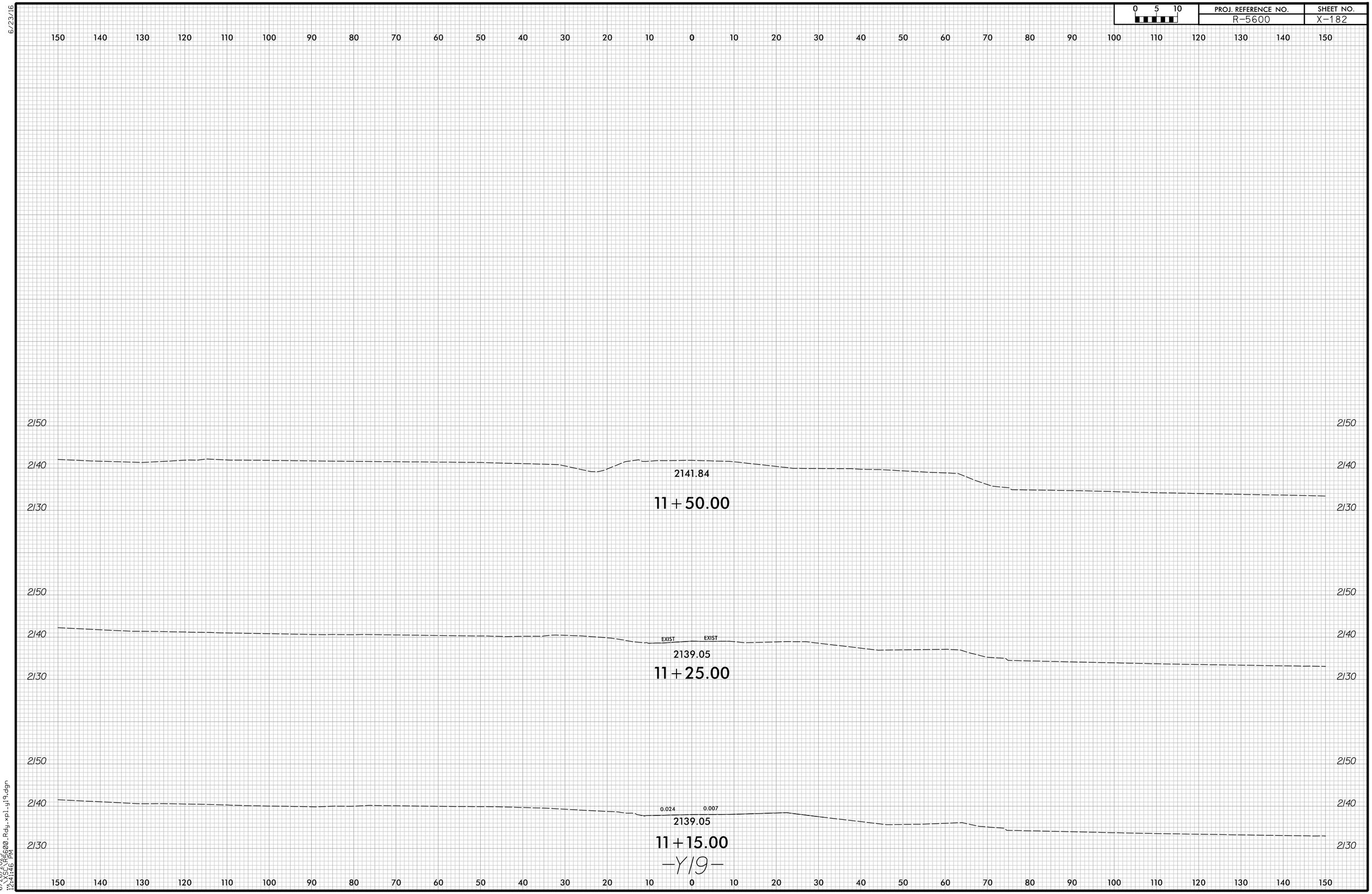

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6/26/2025
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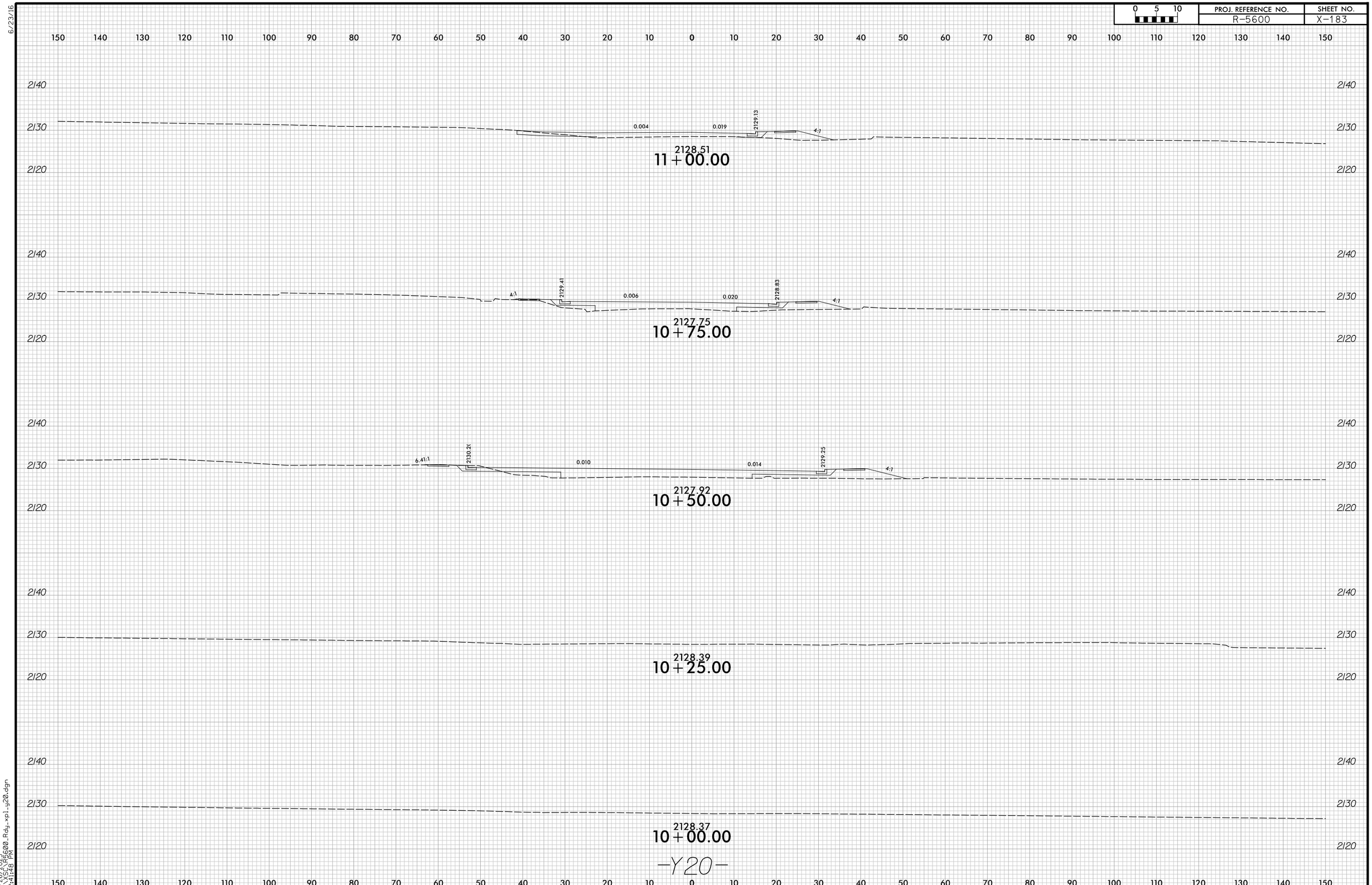
12:41:46 PM



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6/26/2025
\\XSC\R5600_Rdy_xpl_y20.dgn
12:41:48 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-184

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

2140
2130
2120

EXIST EXIST

2131.74

11+50.00

2140
2130
2120

2129.86

0.014 0.010

4.0% 2.0%

2130.08

11+25.00

-Y20-

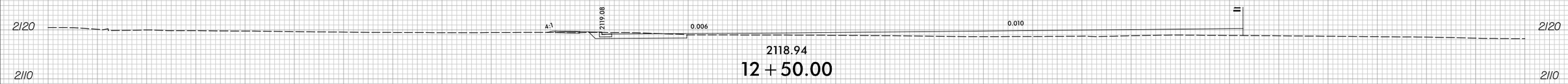
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

6/26/2025
12:41:49 PM
X:\SDC\R5600\Rdy_xpl_y20.dgn

8/23/99

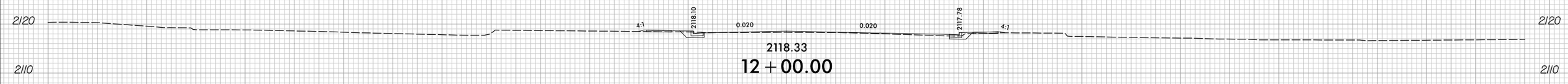
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-185

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



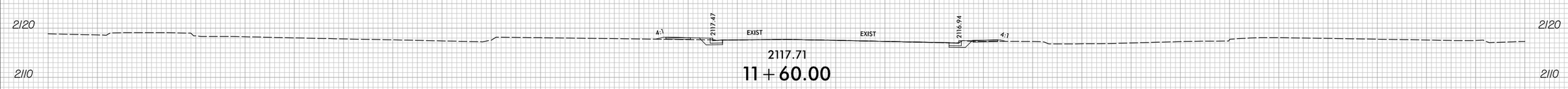
2118.94

12+50.00



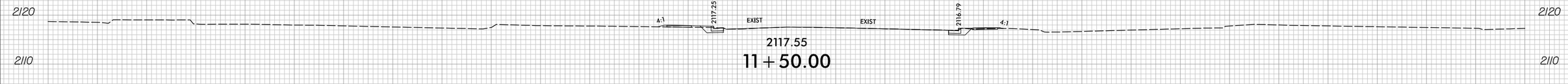
2118.33

12+00.00



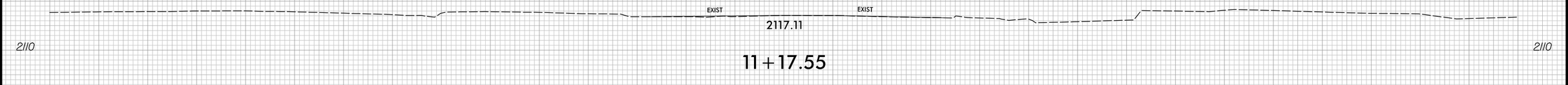
2117.71

11+60.00



2117.55

11+50.00



2117.11

11+17.55

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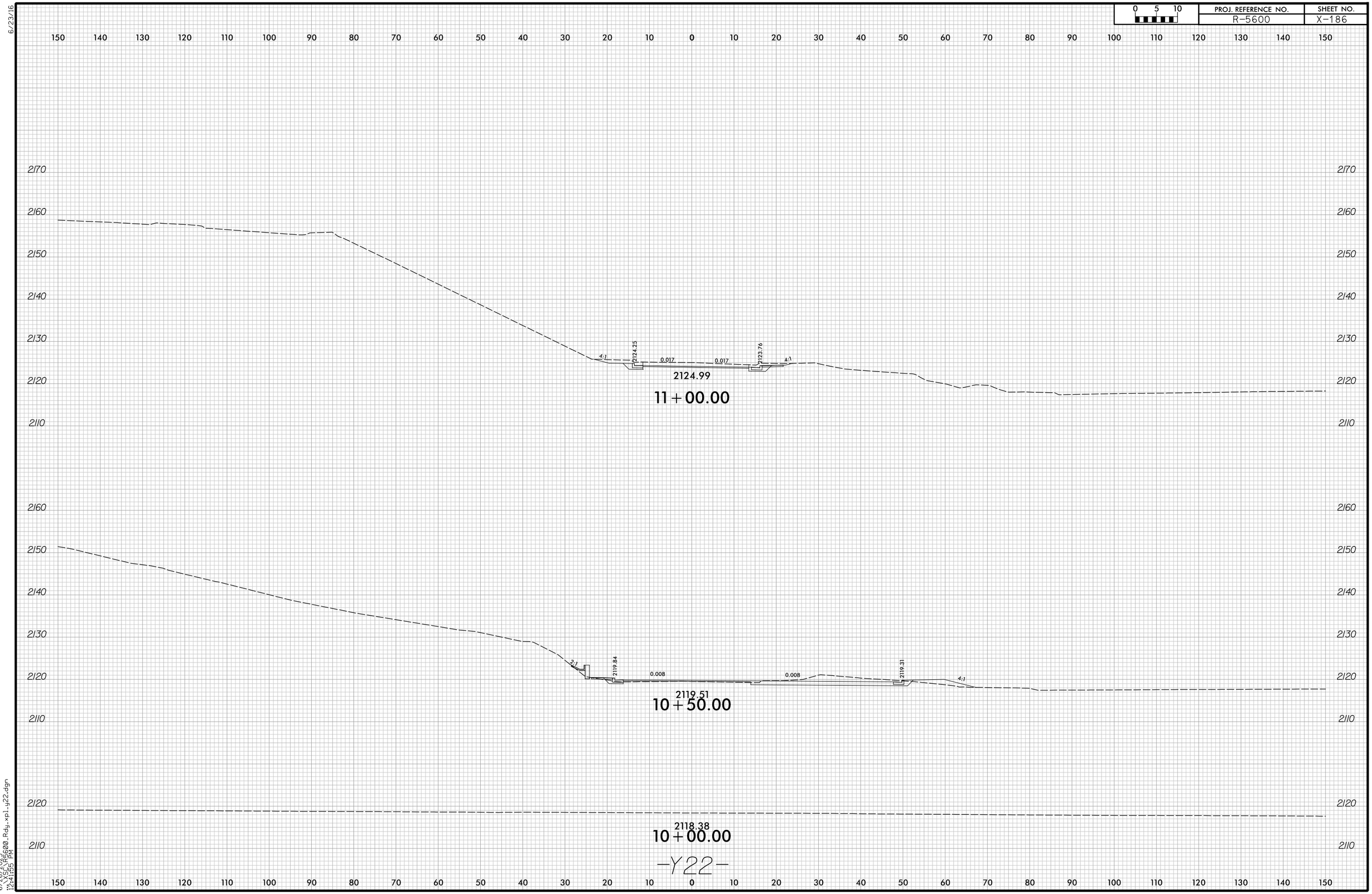
FILE: \
PENTABLE: R5600_pshpfil.tbl
TIME: 12:41:52 PM
DATE: 6/26/2025



6/23/16

6/26/2025
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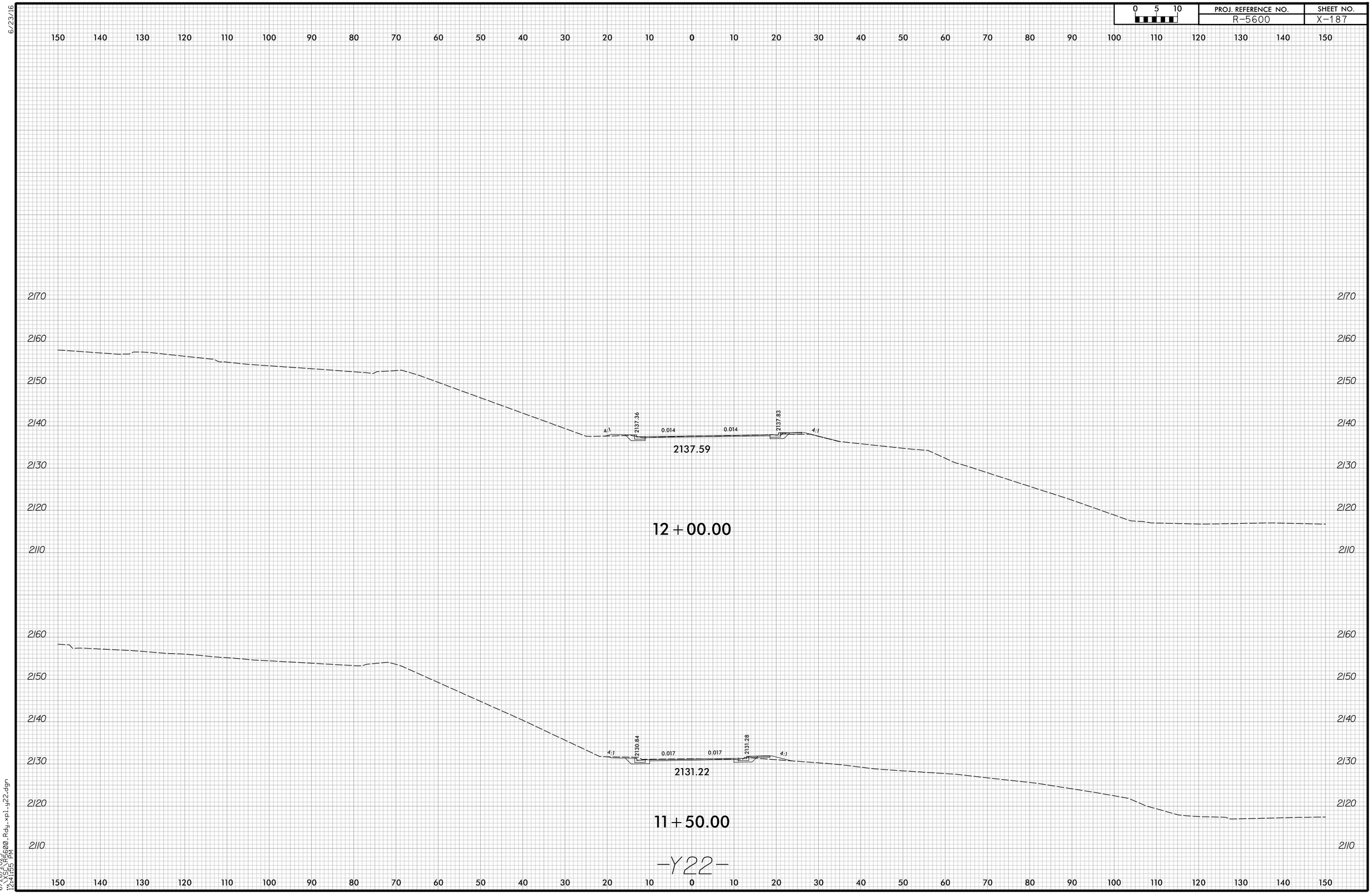
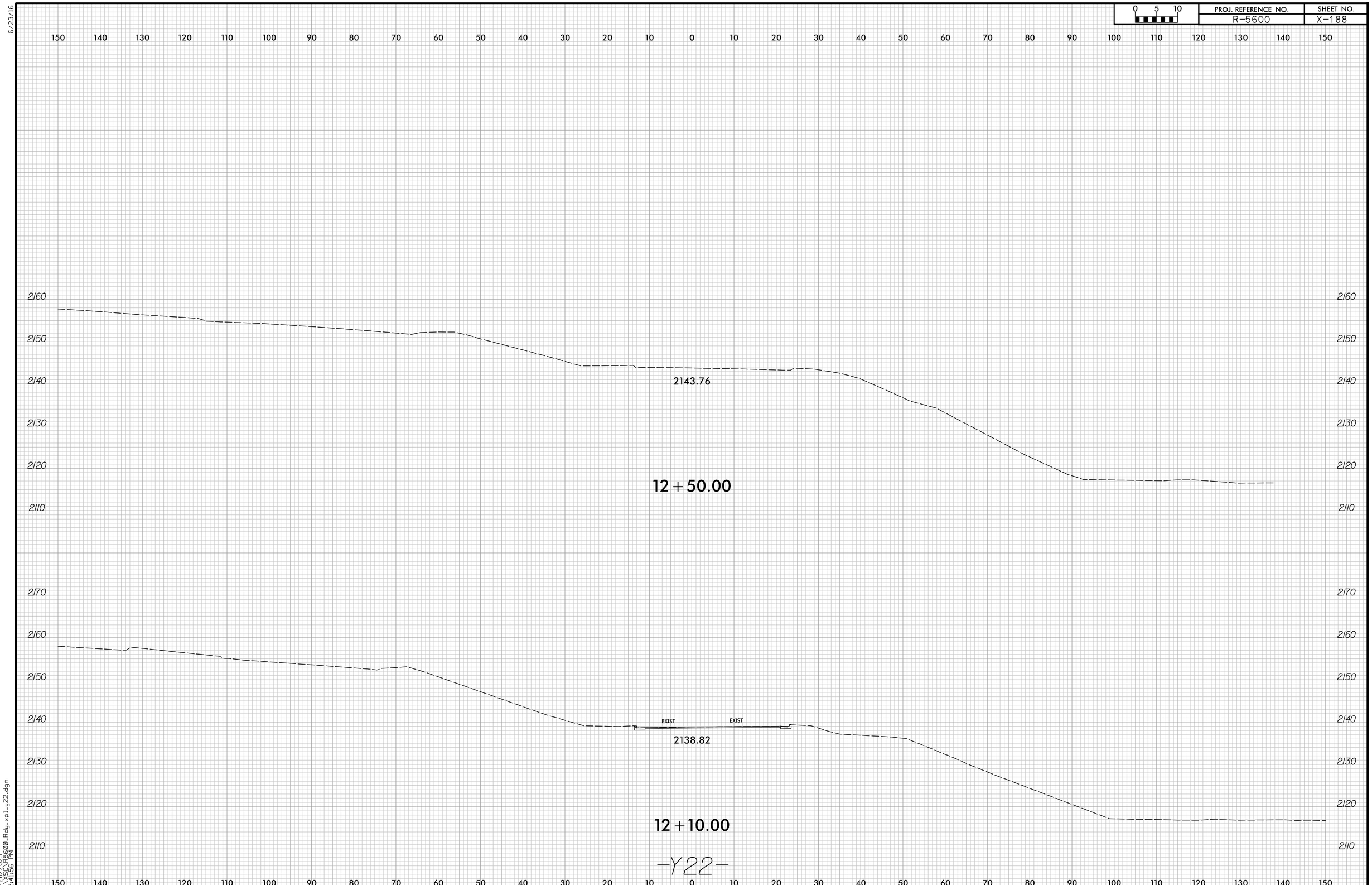
12:41:55 PM



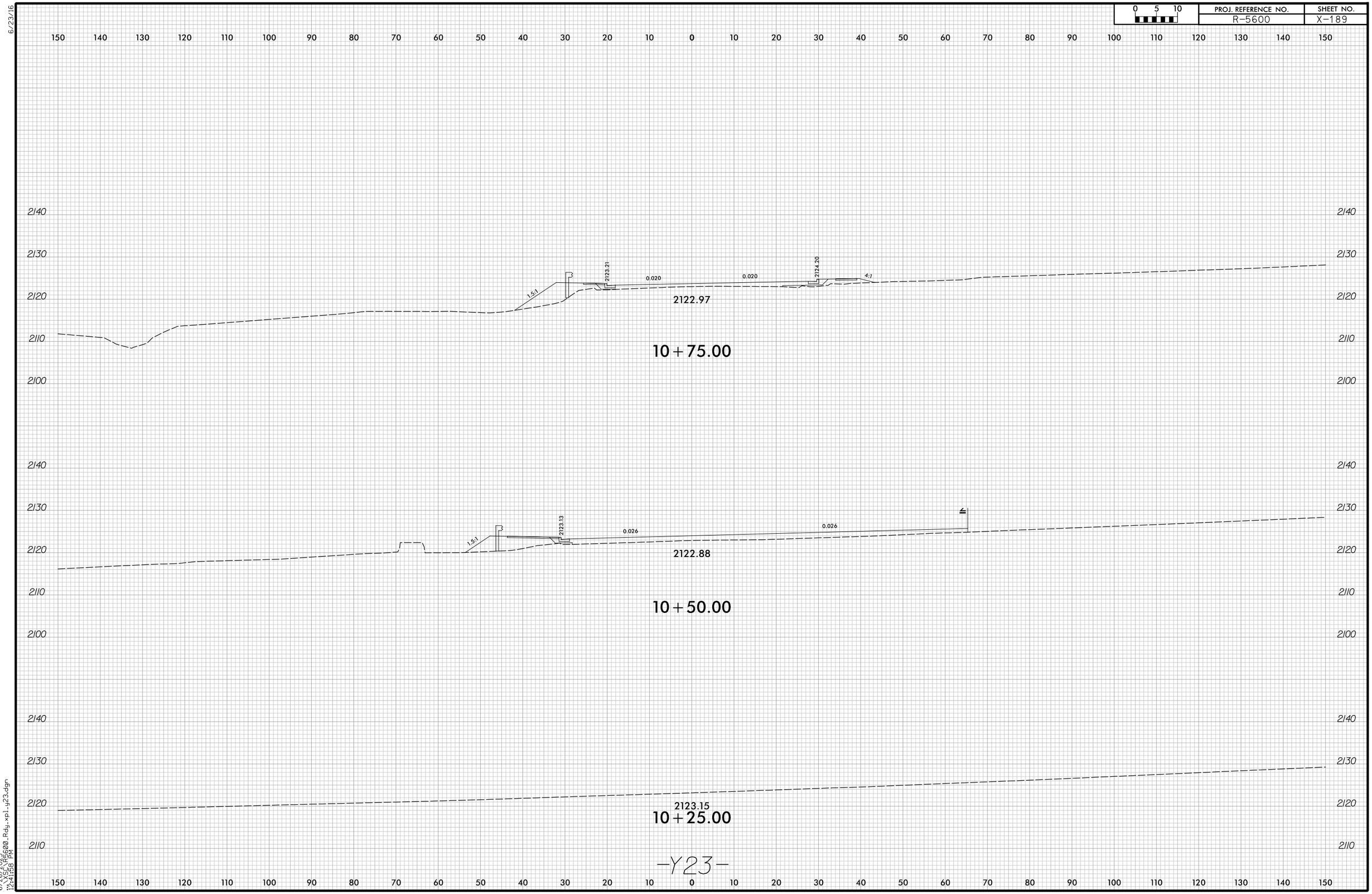
6/23/16

6/26/2025
\\YSC\R5600_Rdy_xpl_y22.dgn
12:41:55 PM



6/23/16

6/26/2025
:\XSC\R5600_Rdy_xpl_y22.dgn
12:41:56 PM



6/23/16

6/26/2025
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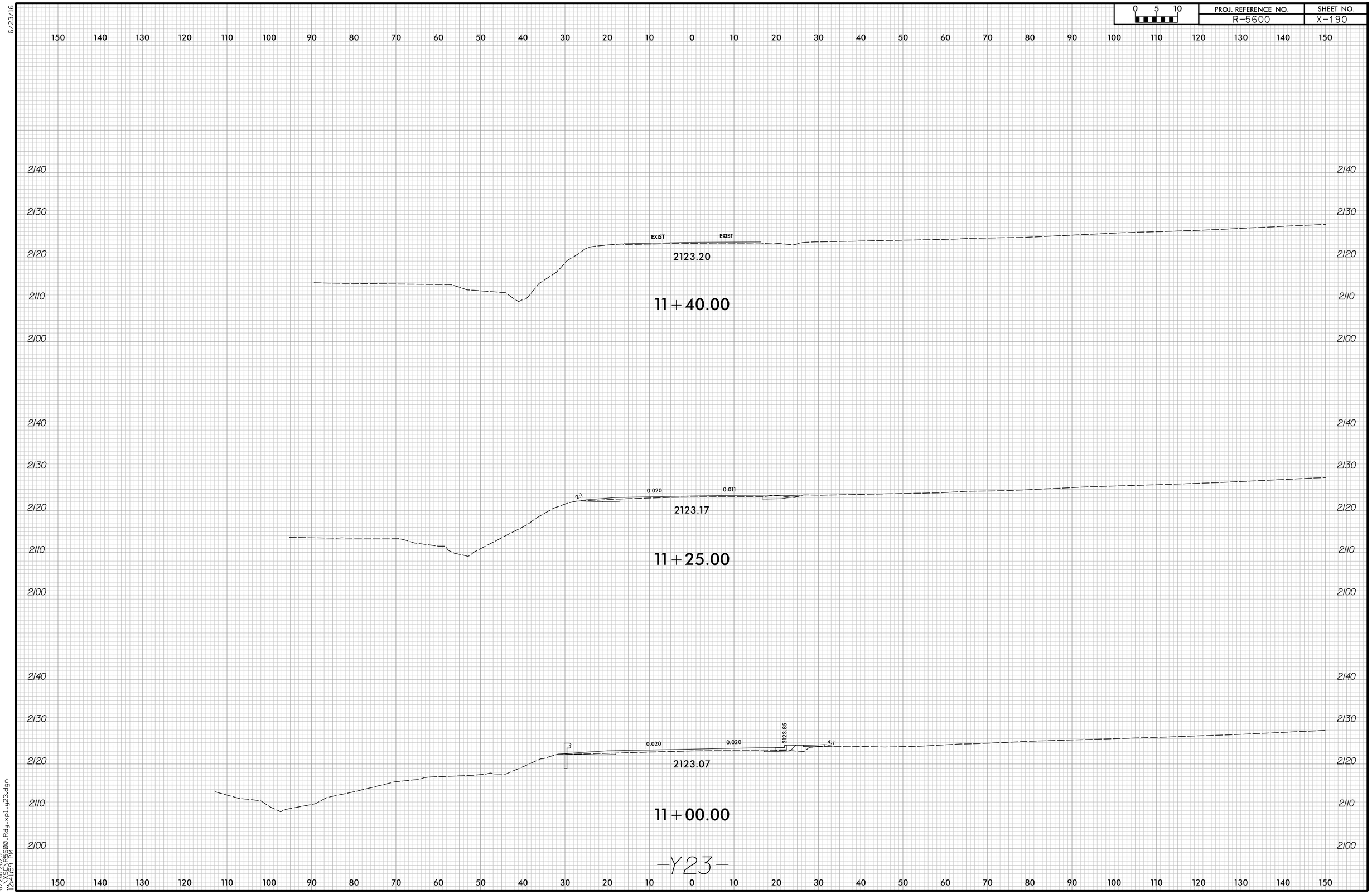
12:41:58 PM



6/23/16

6/26/2025
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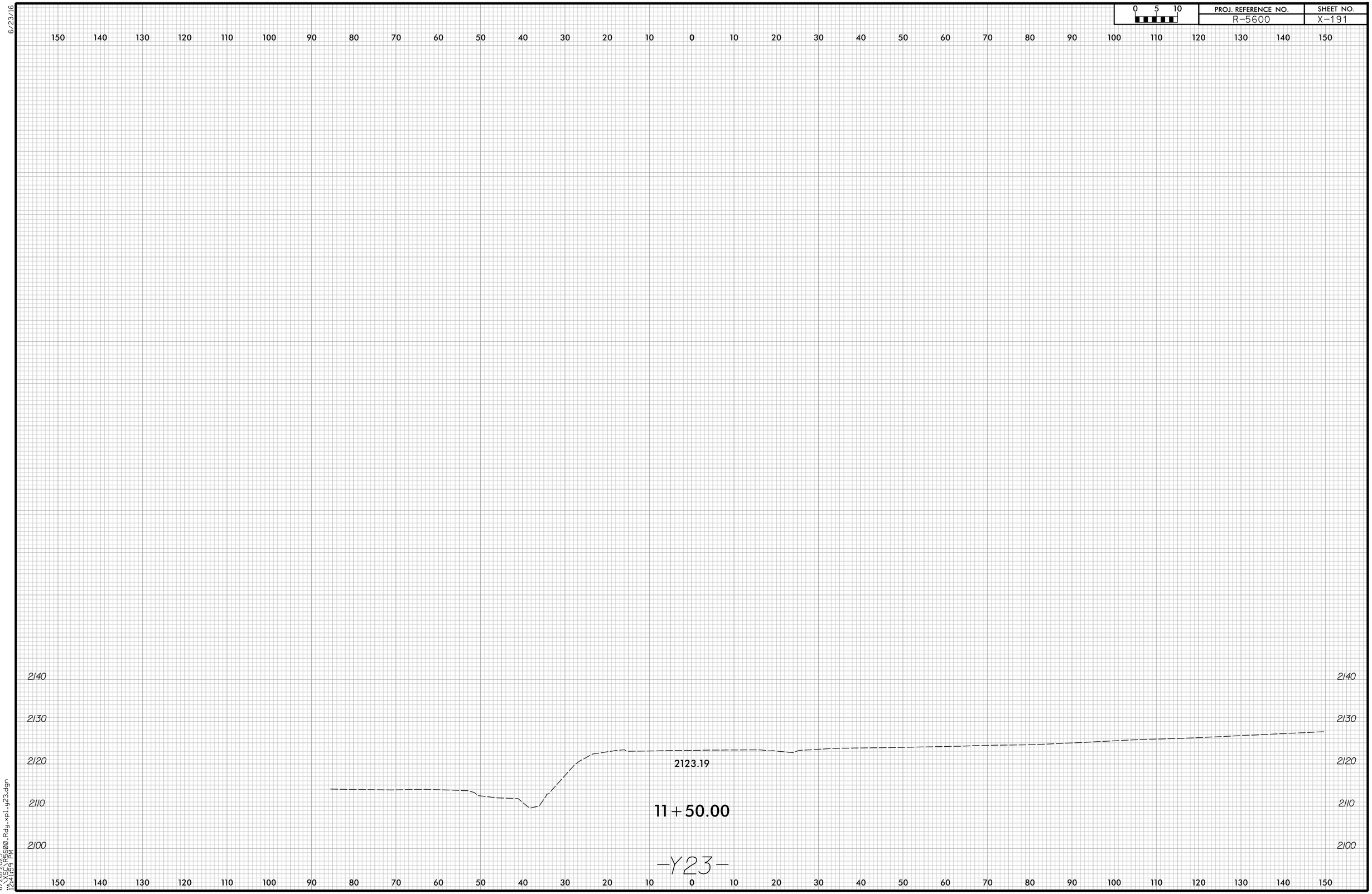
12:41:59 PM



6/23/16

6/26/2025
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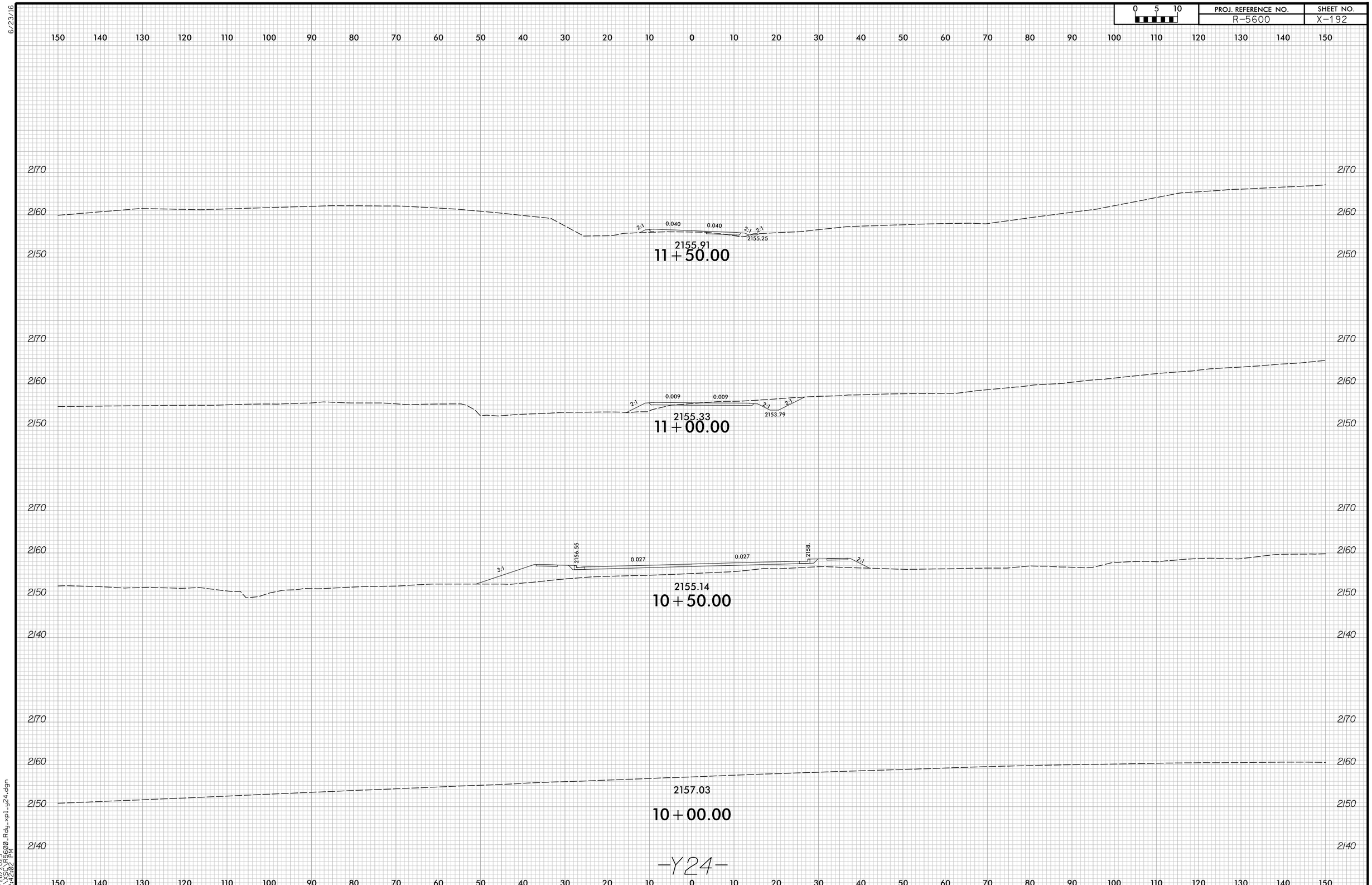
12:41:59 PM

PROJ. REFERENCE NO.	SHEET NO.
R-5600	X-192



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_y24.dgn
12:42:02 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-193

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

2180
2170
2160
2150

2163.64
12+50.00

2180
2170
2160
2150

EXIST EXIST
2160.94
12+20.00

2170
2160
2150

2:1 0.021 0.040 2:1
2159.34
12+00.00

2170
2160
2150

-Y24-

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

6/26/2025
C:\SCDOT\R5600_Rdy_xpl_y24.dgn
12:42:02 PM

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-194

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

2190
2180

2186.60
12+50.00

2190
2180

2200
2190
2180

2188.37 2:1 0.017 0.017 0.010 0.010 2186.99 2:1

2187.56
12+00.00

2200
2190
2180

2188.33 2:1 0.014 0.019 2188.02 2188.02 0.006 0.004 2187.75 2:1

2188.43
11+50.00

2190
2180

EX. EX. EX. EX.

2188.41
11+30.00

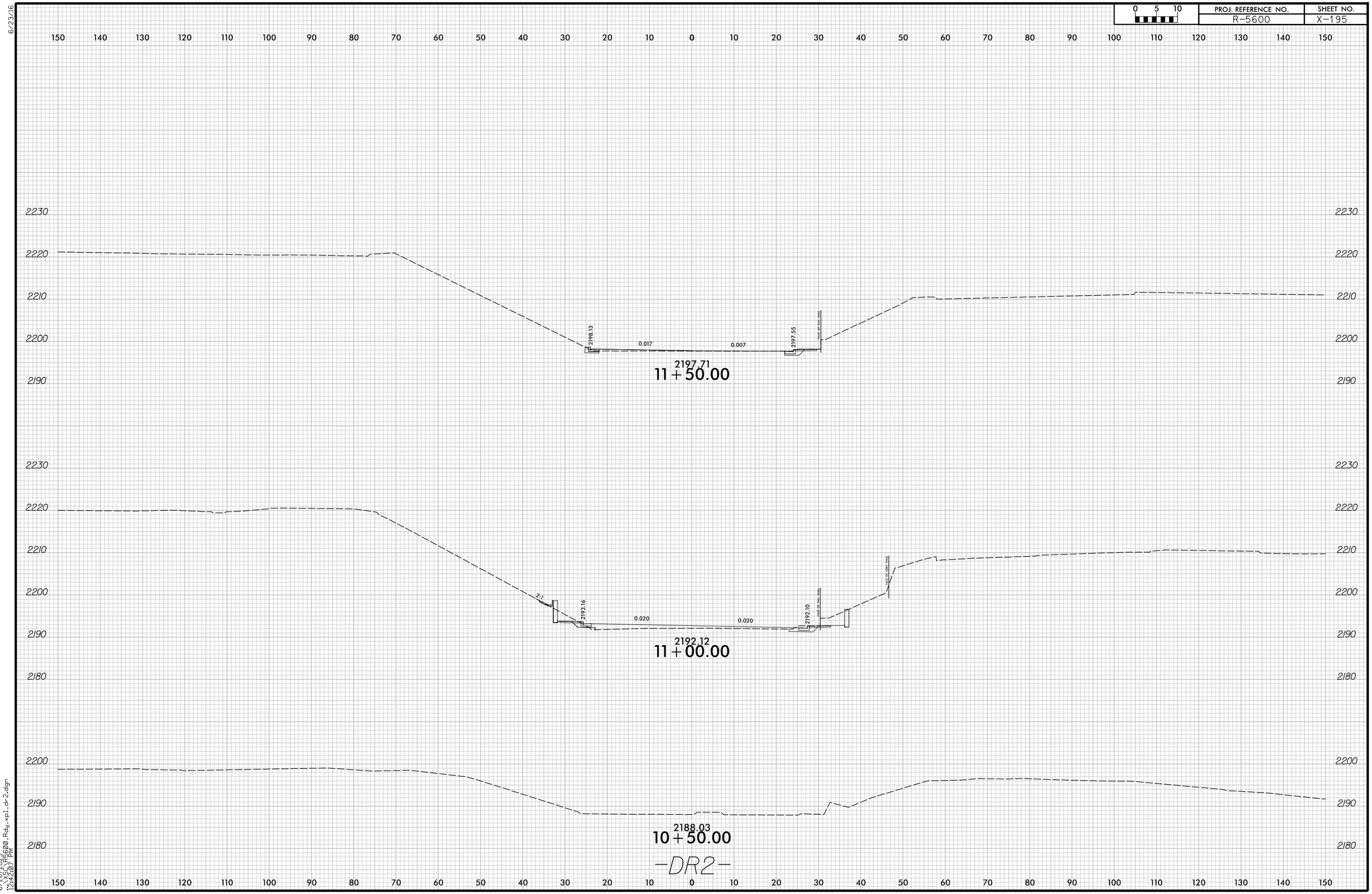
2190
2180

2188.48
11+00.00

—DRI—

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

6/26/2025
12:41:05 PM
X:\SCDOT\R5600_Rdy_xpl_dr1.dgn



6/23/16

6/26/2025
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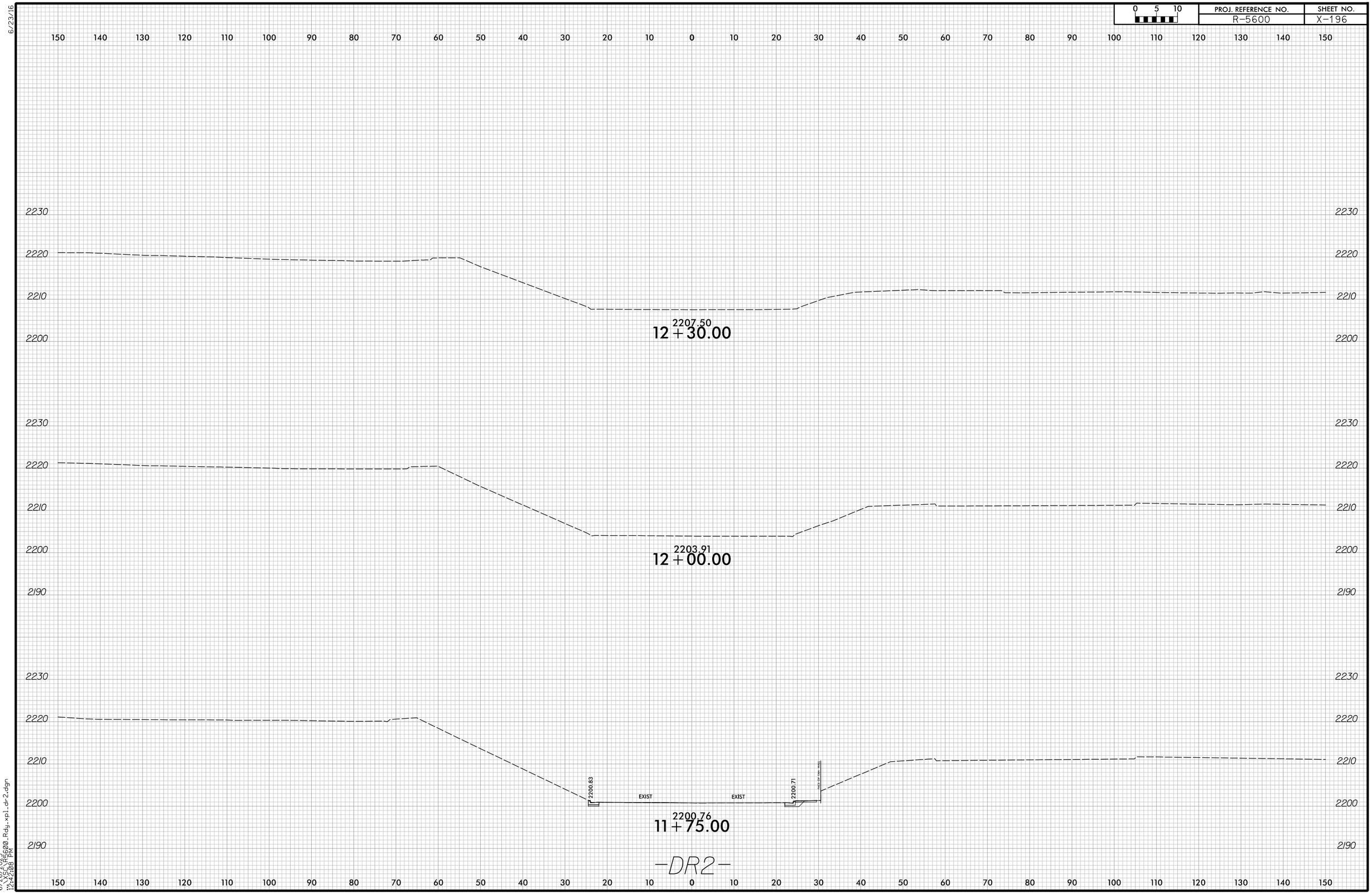

6/23/16

6/26/2025
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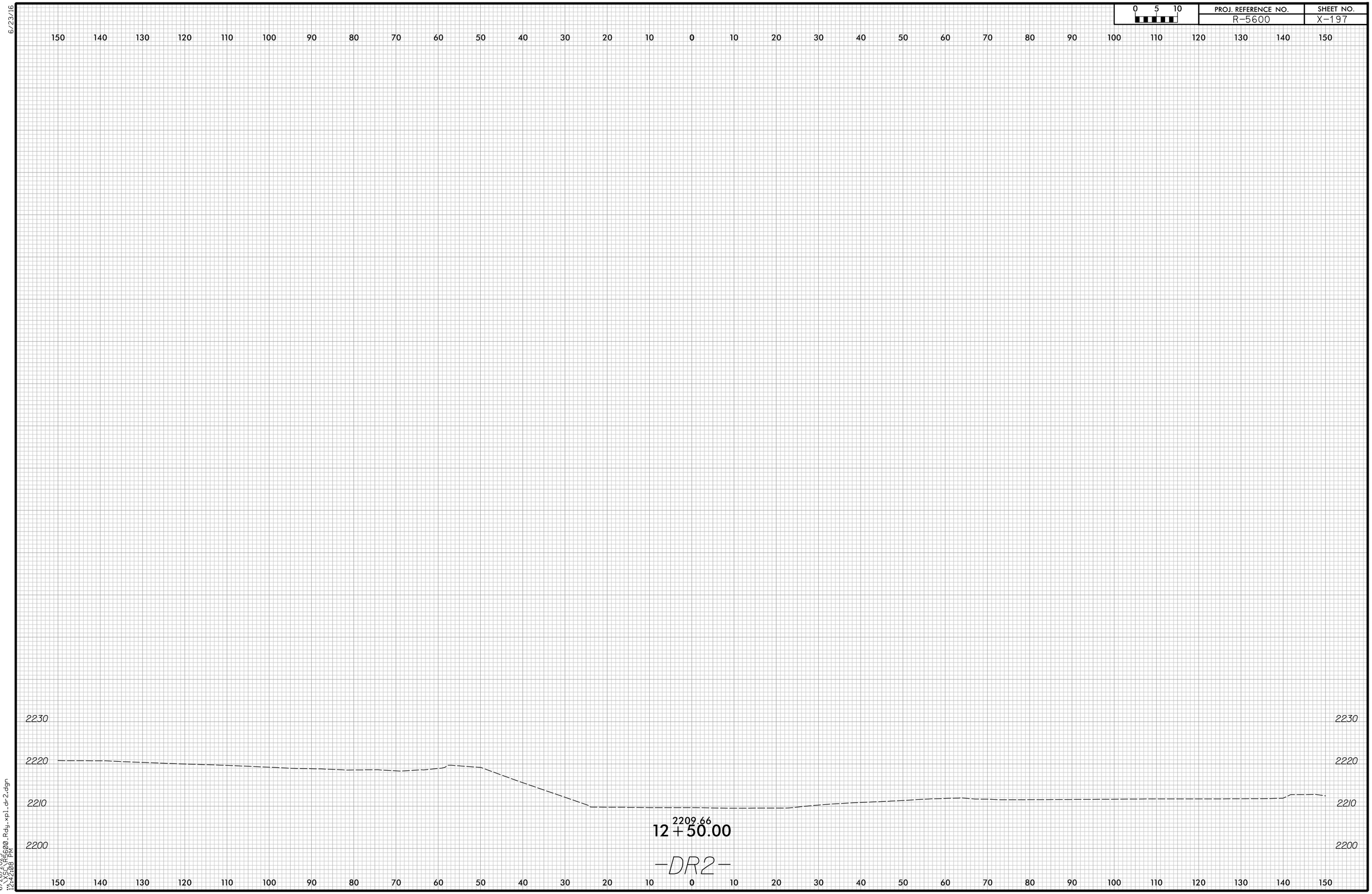

6/23/16

6/26/2025
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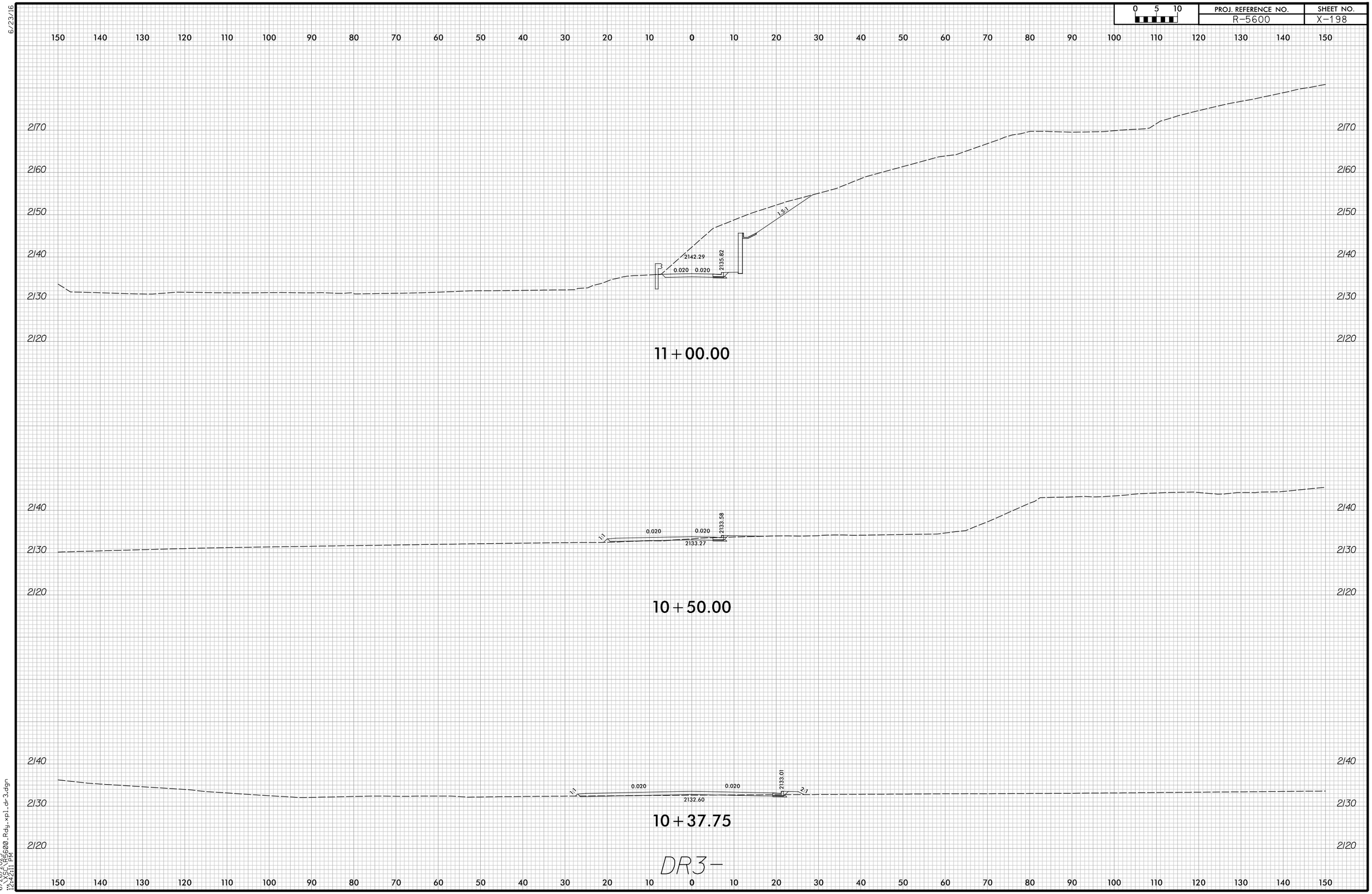
12:42:08 PM



6/23/16

6/26/2025
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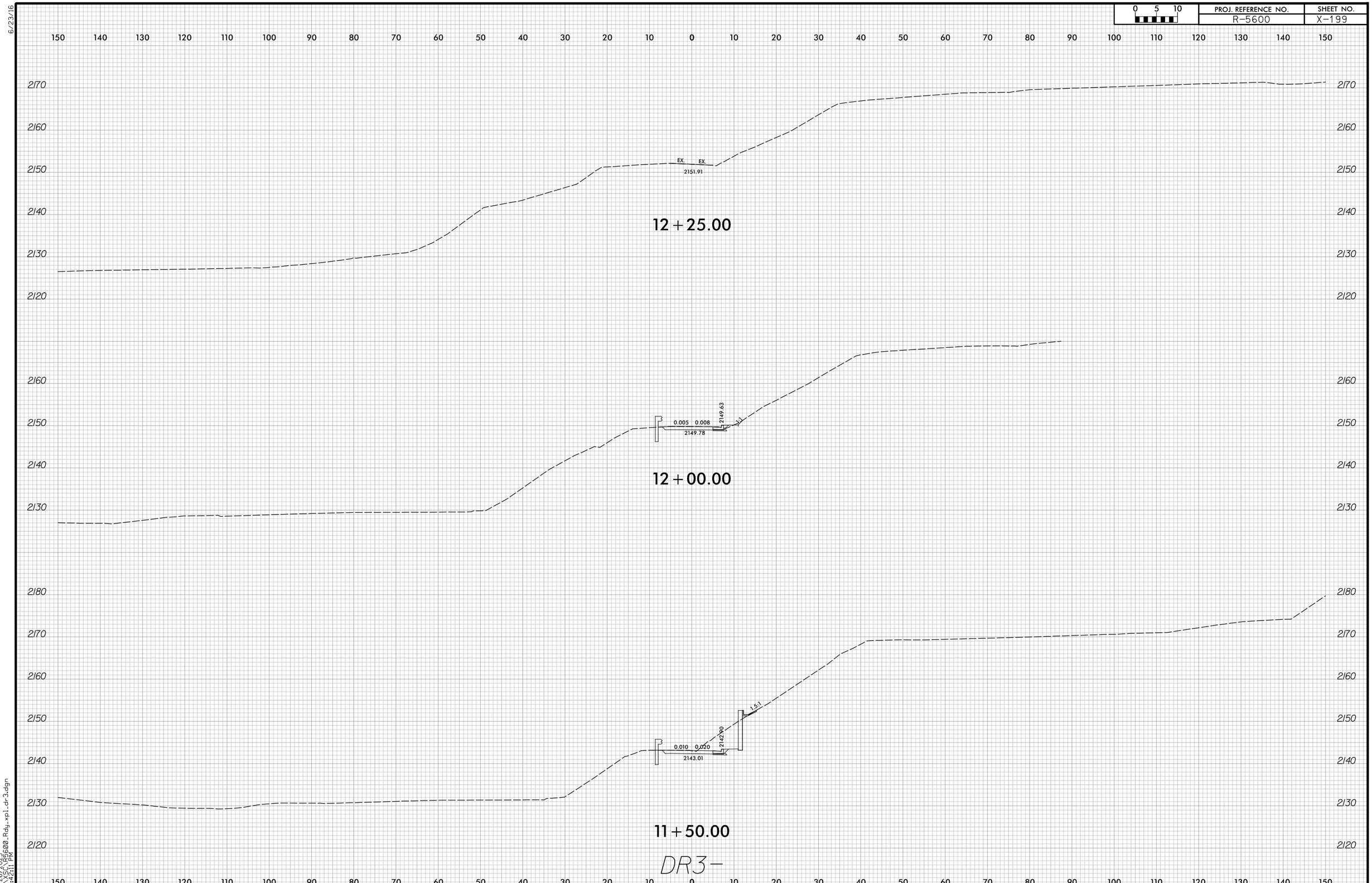
12:42:11 PM



6/23/16

6/26/2025
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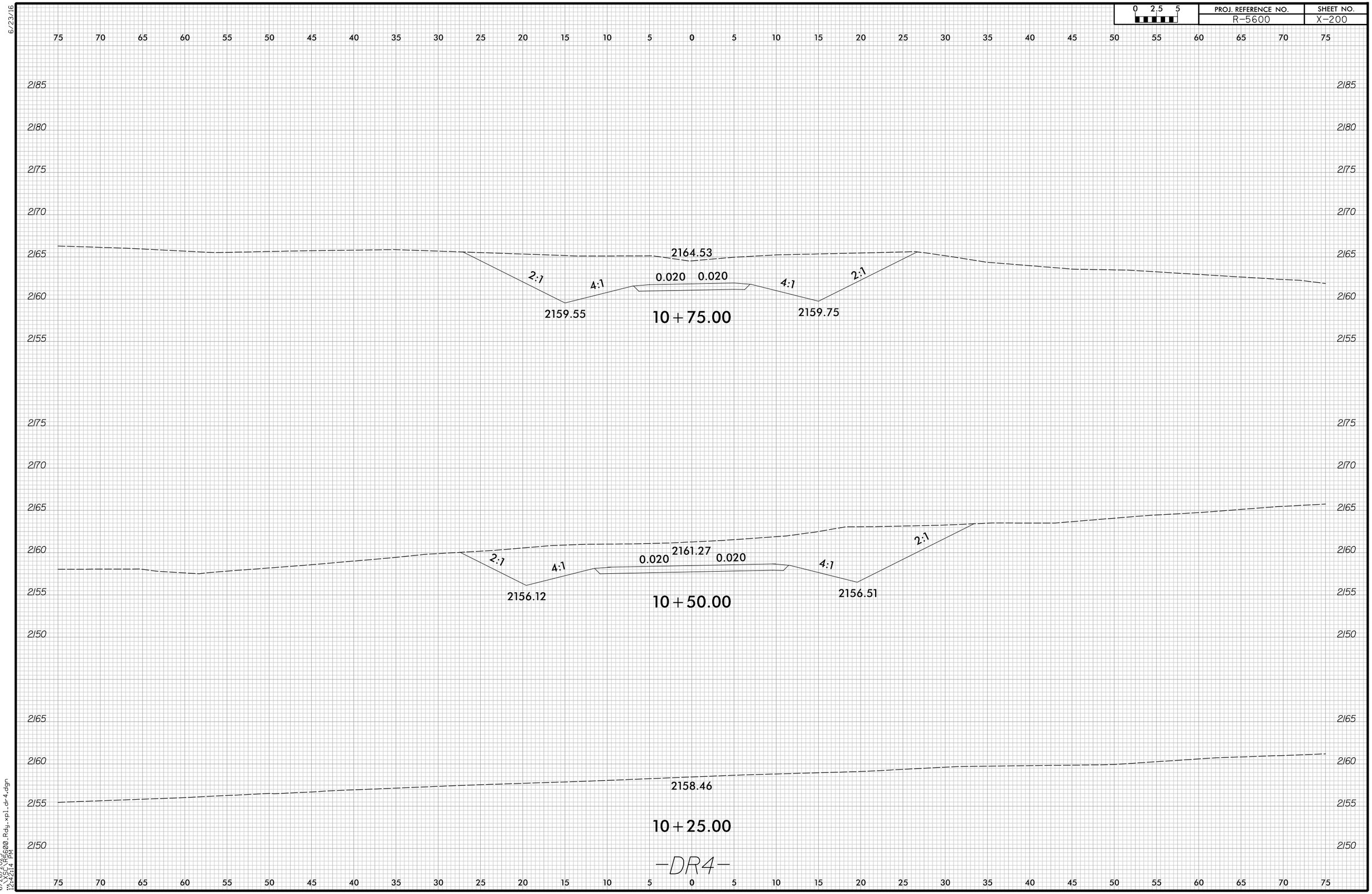
12:42:11 PM



6/23/16

6/26/2025
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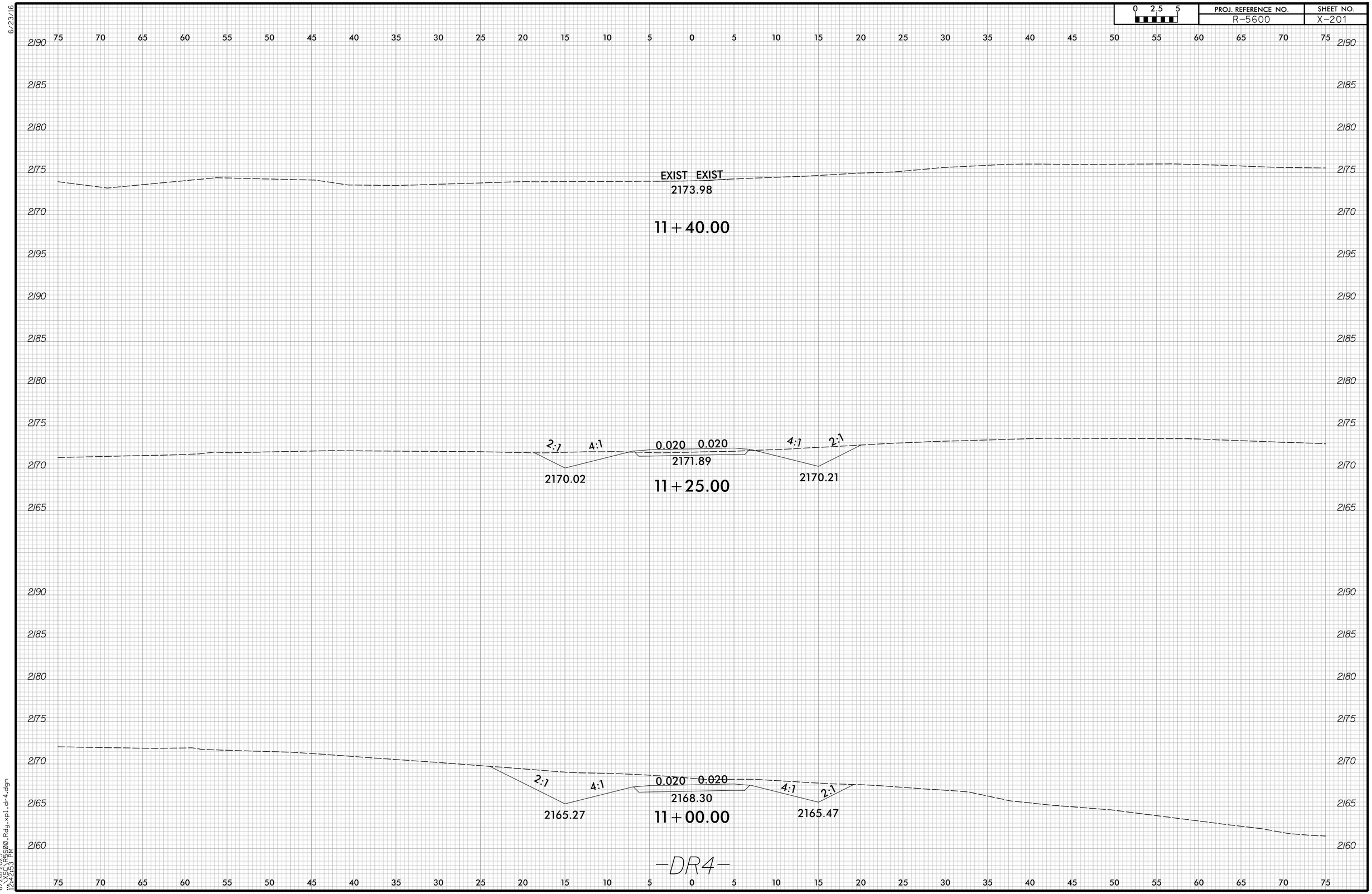
12:42:14 PM



6/23/16

6/26/2025
...\XSC\R5600_Rdy_xpl_dr4.dgn
12:42:53 PM

8/23/99

0 2,5 5	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-202

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

2225
2220
2215
2210
2225

2:1
2:1
0.040
0.040
4:1
2:1
2210.32
2212.36
10+50.00
2210.59

2220
2215
2210
2205
2200
2195
2190

2218.36

10+20.00

-DR5-

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

PLOT DRIVER: ncdot_eng_pdf_halfsize.pltcfg
USER: ASNIDER
FILE: \
PENTABLE: R5600_pshpfi.tbl
DATE: 6/26/2025
TIME: 12:42:56 PM

8/23/99

0 2,5 5	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-203

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

2215
2210
2205
2200
2195
2190
2185
2180
2175
2170
2165
2160

2:1
2:1
0.020
0.020
4:1
2:1
2206.39
2208.05
2206.63

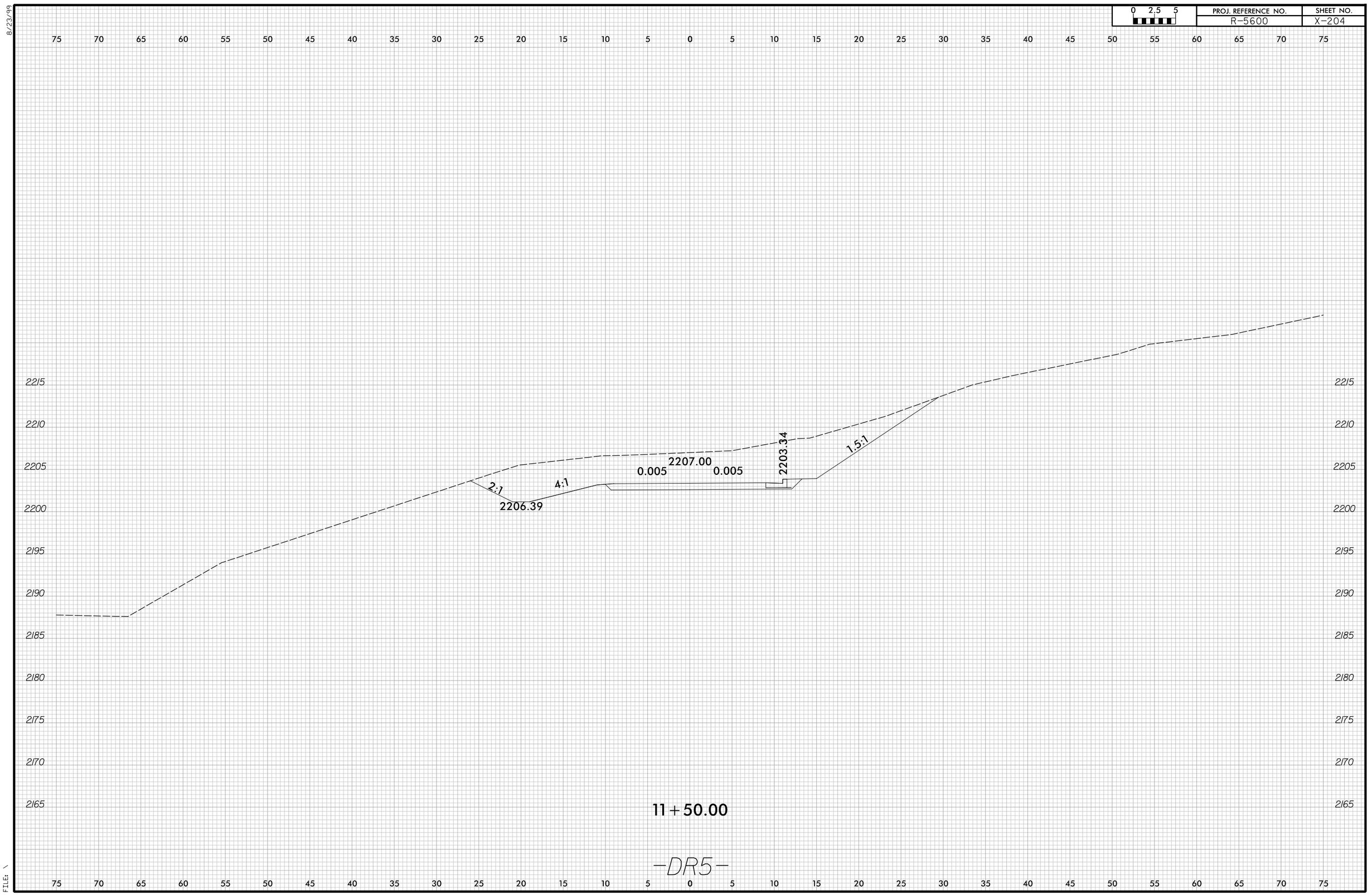
11+00.00

—DR5—

PLOT DRIVER: ncdot_eng_pdf_halfsize.pltcfg
USER: ASNIDER
FILE: \
PENTABLE: R5600_pshp-fl.tbl
DATE: 6/26/2025
TIME: 12:42:56 PM

8/23/99

0 2,5 5	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-204



PLOT DRIVER: ncdot_eng_pdf_halfsize.pltcfg
USER: ASNIDER
FILE: \
PENTABLE: R5600_pshpfil.tbl
DATE: 6/26/2025
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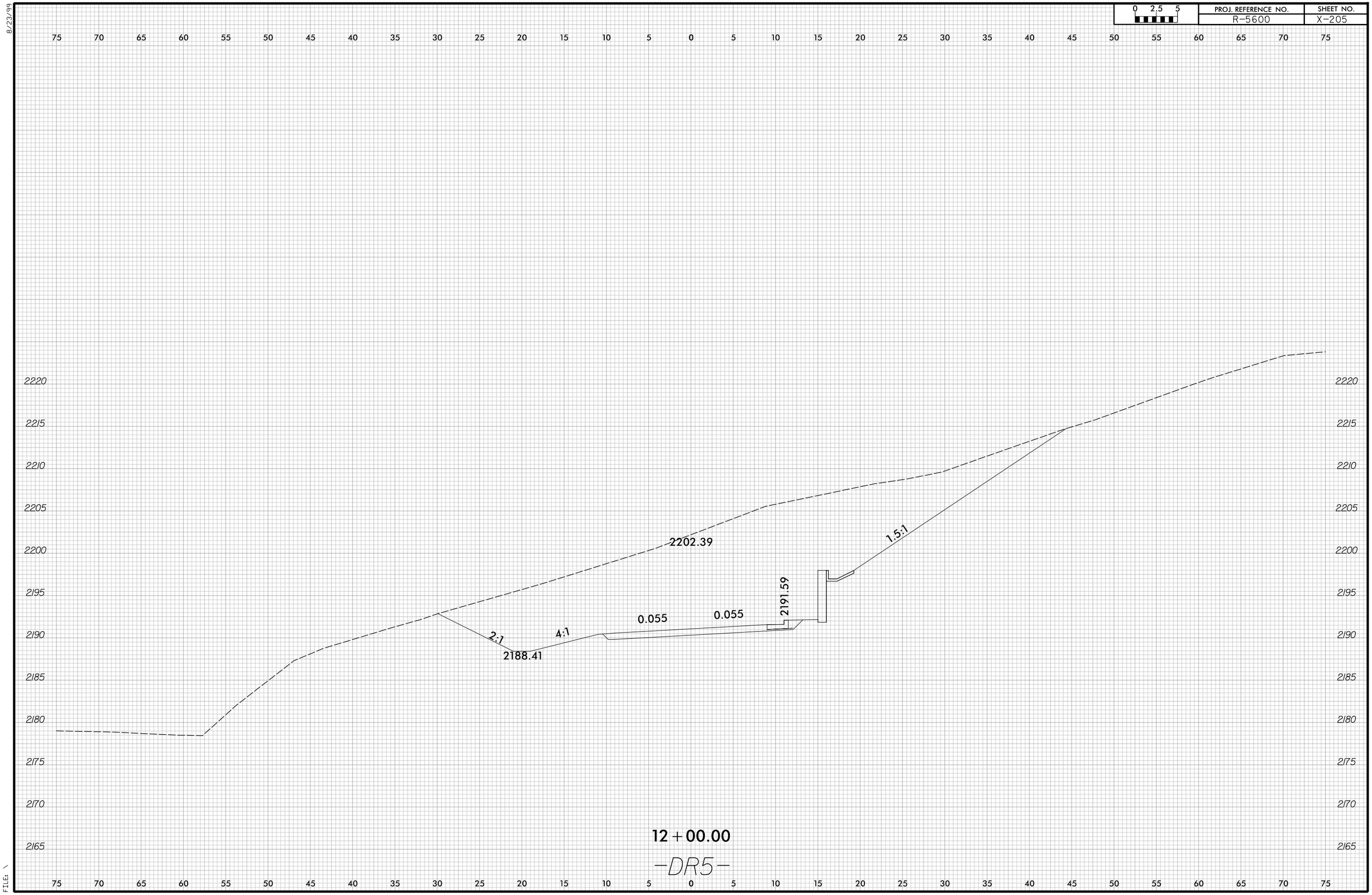
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-205



PLOT DRIVER: ncdot_eng_pdf_halfsize.pltcfg
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FILE: \
DATE: 6/26/2025
TIME: 12:42:57 PM
PENTABLE: R5600_pshp-fl.tbl

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	R-5600	X-206

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

2220 2220

2215 2215

2210 2210

2205 2205

2200 2200

2195 2195

2190 2190

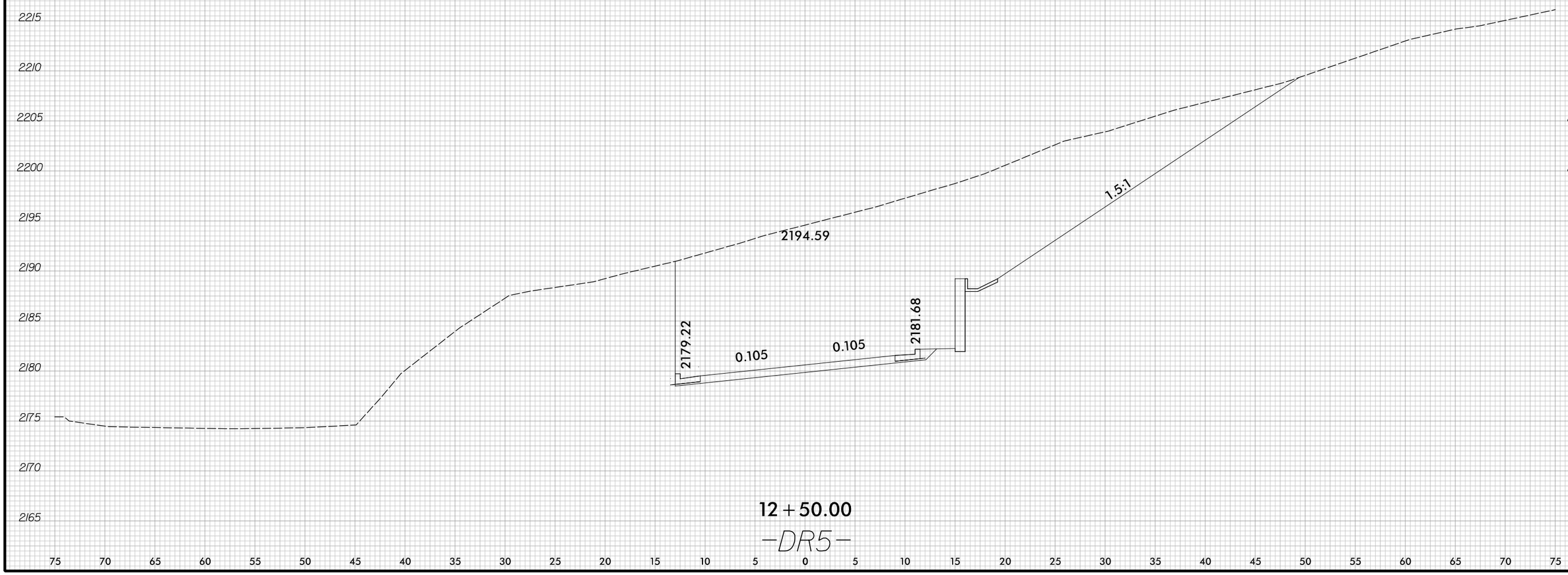
2185 2185

2180 2180

2175 2175

2170 2170

2165 2165



12+50.00

-DR5-

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

PLOT DRIVER: ncdot_eng.pdf_halfsize.pltcfg
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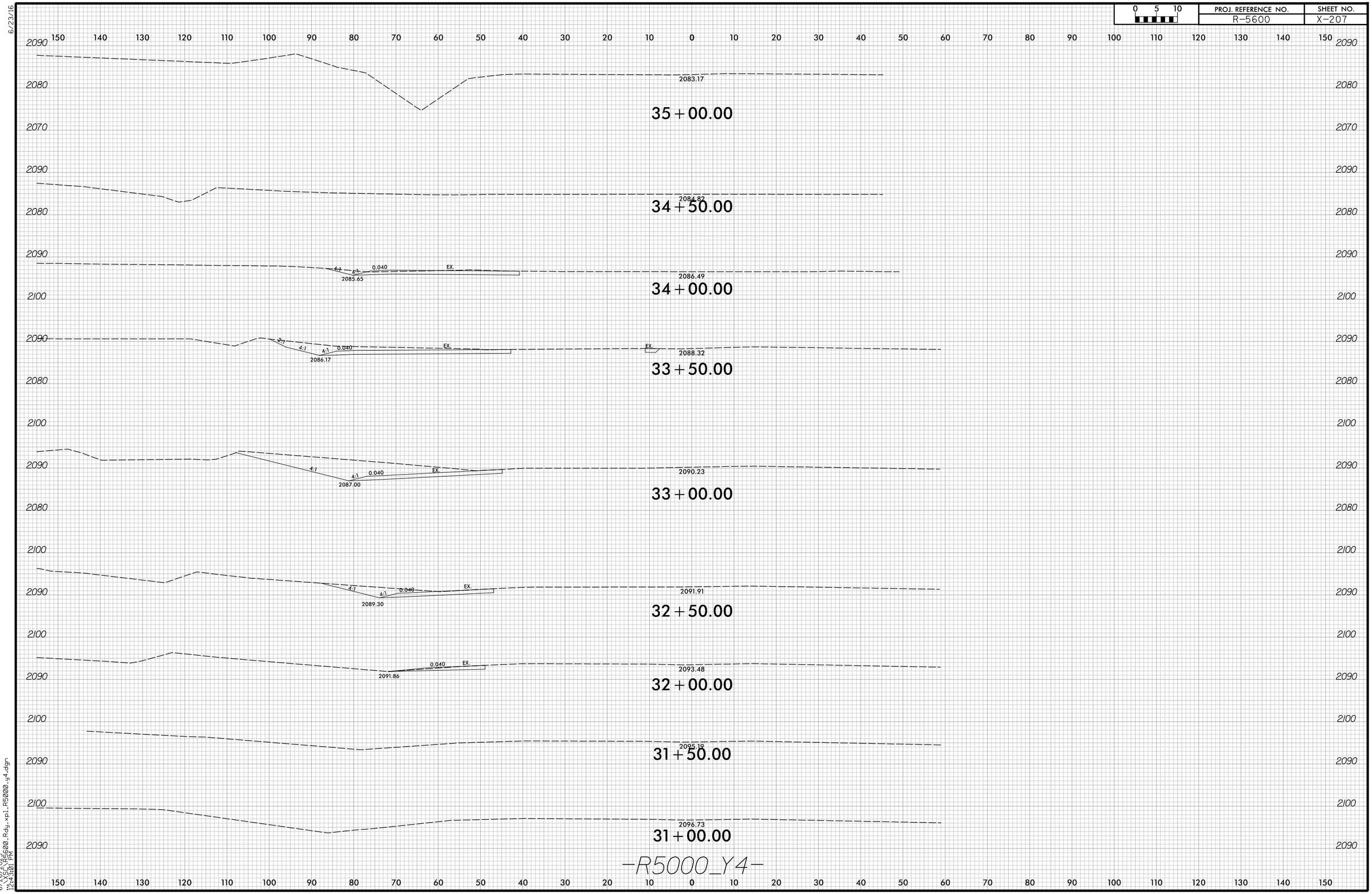

6/23/16

6/26/2025
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12:43:01 PM