

# NC 211

## TIP NO. R-5021

### CROSS SECTION INDEX

LOCATION	STATION TO STATION	SHEET NO.	LOCATION	STATION TO STATION	SHEET NO.
-L-	STA. 46+00.00 TO STA. 432+00.00	X-1 THRU X-199	-Y12-	STA. 11+00.00 TO STA. 12+75.00	X-298 THRU X-299
-YREV-	STA. 9+50.00 TO STA. 53+00.00	X-200 THRU X-223	-Y13-	STA. 10+50.00 TO STA. 11+25.00	X-300
-YAREV-	STA. 11+00.00 TO STA. 22+50.00	X-224 THRU X-230	-Y14-	STA. 10+50.00 TO STA. 12+00.00	X-301 THRU X-302
-YA_SLIP-	STA. 10+00.00 TO STA. 12+25.00	X-231 THRU X-233	-Y14A-	STA. 27+00.00 TO STA. 68+00.00	X-303 THRU X-325
-YB-	STA. 10+00.00 TO STA. 24+00.00	X-234 THRU X-241	-Y14B-	STA. 10+00.00 TO STA. 12+75.00	X-326 THRU X-328
-YC-	STA. 10+00.00 TO STA. 11+50.00	X-242 THRU X-243	-Y14C-	STA. 23+50.00 TO STA. 25+00.00	X-329 THRU X-330
-YD-	STA. 10+00.00 TO STA. 12+50.00	X-244 THRU X-245	-Y14D-	STA. 10+00.00 TO STA. 24+50.00	X-331 THRU X-338
-YE-	STA. 10+50.00 TO STA. 13+00.00	X-246 THRU X-248	-Y14E-	STA. 9+75.00 TO STA. 11+75.00	X-339 THRU X-341
-YF-	STA. 10+25.00 TO STA. 13+00.00	X-249 THRU X-251	-Y14F-	STA. 10+00.00 TO STA. 12+25.00	X-342 THRU X-344
-YI-	STA. 10+50.00 TO STA. 11+25.00	X-252	-Y14G-	STA. 10+00.00 TO STA. 13+75.00	X-345 THRU X-348
-Y1A-	STA. 11+00.00 TO STA. 12+16.00	X-253 THRU X-255	-Y15-	STA. 10+75.00 TO STA. 12+00.00	X-349 THRU X-350
-Y1C-	STA. 10+00.00 TO STA. 14+75.00	X-256 THRU X-260	-Y16-	STA. 10+25.00 TO STA. 12+00.00	X-351 THRU X-352
-Y2-	STA. 10+50.00 TO STA. 11+25.00	X-261	-Y17-	STA. 10+25.00 TO STA. 13+25.00	X-353 THRU X-355
-Y2A-	STA. 10+00.00 TO STA. 12+25.00	X-262 THRU X-264	-Y17A-	STA. 10+00.00 TO STA. 12+50.00	X-356 THRU X-358
-Y3-	STA. 9+25.00 TO STA. 17+75.00	X-265 THRU X-272	-Y18A-	STA. 10+25.00 TO STA. 12+00.00	X-359 THRU X-360
-Y4-	STA. 10+75.00 TO STA. 11+75.00	X-273	-Y19REV-	STA. 11+00.00 TO STA. 13+25.00	X-361 THRU X-363
-Y5-	STA. 10+25.00 TO STA. 11+00.00	X-274	-Y20-	STA. 10+75.00 TO STA. 12+25.00	X-364 THRU X-365
-Y5A-	STA. 10+00.00 TO STA. 12+50.00	X-275 THRU X-277	-Y21-	STA. 10+00.00 TO STA. 12+50.00	X-366 THRU X-367
-Y5B-	STA. 10+00.00 TO STA. 11+50.00	X-278 THRU X-279	-Y22-	STA. 13+00.00 TO STA. 43+00.00	X-368 THRU X-382
-Y6-	STA. 10+75.00 TO STA. 12+00.00	X-280 THRU X-281	-Y22A-	STA. 10+00.00 TO STA. 12+25.00	X-383 THRU X-385
-Y7-	STA. 10+75.00 TO STA. 12+50.00	X-282 THRU X-283	-Y23-	STA. 11+00.00 TO STA. 12+75.00	X-386 THRU X-387
-Y8-	STA. 10+50.00 TO STA. 12+25.00	X-284 THRU X-286	-Y24-	STA. 11+00.00 TO STA. 13+50.00	X-388 THRU X-390
-Y9-	STA. 10+75.00 TO STA. 12+25.00	X-287 X-288	-DRW01-	STA. 10+00.00 TO STA. 11+50.00	X-391 THRU X-392
-Y9A-	STA. 10+00.00 TO STA. 12+50.00	X-289 THRU X-291	-YREVTCP1-	STA. 10+00.00 TO STA. 17+50.00	X-393 THRU X-397
-Y10-	STA. 10+50.00 TO STA. 12+00.00	X-292 THRU X-291	-YG-	STA. 11+00.00 TO STA. 13+00.00	X-398 THRU X-400
-Y11-	STA. 11+00.00 TO STA. 14+00.00	X-294 THRU X-297	-RAB-	STA. 10+00.00 TO STA. 14+00.00	X-401 THRU X-405

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

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PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-1A

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

### CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut
LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)	Lrev	(cu. yd.)	(cu. yd.)	(cu. yd.)	Lrev	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)
48+00.00	7	0	0	74+50.00	0	574	4	99+00.00	0	348	0	123+50.00	0	372	12
48+50.00	13	0	0	75+00.00	0	592	2	99+50.00	0	428	0	126+50.00	0	418	0
49+00.00	39	0	0	75+50.00	0	505	6	100+00.00	0	518	0	127+00.00	0	820	0
49+50.00	55	0	0	76+00.00	0	374	19	100+50.00	0	631	0	127+50.00	0	821	0
50+00.00	77	2	0	76+50.00	0	404	14	101+00.00	0	684	0	128+00.00	0	851	0
50+50.00	106	8	0	77+00.00	0	442	0	101+50.00	0	680	0	128+50.00	0	860	0
51+00.00	52	20	0	77+50.00	0	482	0	102+00.00	0	662	0	129+00.00	0	884	0
51+50.00	0	31	0					102+50.00	0	646	0	129+50.00	0	939	0
52+00.00	0	49	0	Station	Uncl. Exc.	Embt	UnderCut	103+00.00	0	663	0	130+00.00	0	989	0
52+50.00	0	75	0					103+50.00	0	662	0	130+50.00	0	1024	0
53+00.00	0	103	0	LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)	104+00.00	0	612	0	131+00.00	0	1081	0
53+50.00	0	132	0	78+00.00	0	266	0	104+50.00	0	591	0	131+50.00	0	1365	201
54+00.00	0	159	0	78+50.00	0	390	0	105+00.00	0	604	0	132+00.00	0	1655	434
54+50.00	0	187	0	79+00.00	0	403	0	105+50.00	0	603	0	132+50.00	0	1797	541
55+00.00	0	226	0	79+50.00	0	409	0	106+00.00	0	596	0	133+00.00	0	1911	622
55+50.00	0	255	0	80+00.00	0	501	0	106+50.00	0	643	0	133+50.00	0	1862	603
56+00.00	0	298	0	80+50.00	2	583	0	107+00.00	0	715	0	134+00.00	0	1741	551
56+50.00	0	337	0	81+00.00	9	579	0	107+50.00	0	368	0	134+50.00	0	1667	507
57+00.00	0	353	0	81+50.00	7	493	0					135+00.00	0	1625	438
57+50.00	0	381	0	82+00.00	0	399	0	Station	Uncl. Exc.	Embt	UnderCut	135+50.00	0	1656	454
58+00.00	0	400	0	82+50.00	0	395	10	LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)	136+00.00	0	1667	498
58+50.00	0	433	0	83+00.00	0	357	0					136+50.00	0	1600	421
59+00.00	0	455	0	83+50.00	0	408	18	108+00.00	0	307	0	137+00.00	0	1532	379
59+50.00	0	521	0	84+00.00	0	547	34	108+50.00	0	519	0	137+50.00	0	745	195
60+00.00	0	610	0	84+50.00	0	516	34	109+00.00	0	425	0				
60+50.00	0	660	0	85+00.00	0	427	0	109+50.00	0	544	0	Station	Uncl. Exc.	Embt	UnderCut
61+00.00	0	723	0	85+50.00	0	482	0	110+00.00	0	720	0				
61+50.00	0	355	0	86+00.00	0	617	0	110+50.00	0	768	0	LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)
62+00.00	0	355	0	86+50.00	0	690	0	111+00.00	0	739	0	138+00.00	0	625	149
62+50.00	0	374	0	87+00.00	4	669	0	111+50.00	0	680	0	138+50.00	0	1214	274
63+00.00	0	761	0	87+50.00	17	598	0	112+00.00	0	664	0	139+00.00	0	1124	216
63+50.00	0	762	0	88+00.00	49	389	0	112+50.00	0	694	0	139+50.00	0	1045	194
64+00.00	0	844	0	88+50.00	56	324	0	113+00.00	0	725	0	140+00.00	0	900	103
64+50.00	0	893	0	89+00.00	37	396	0	113+50.00	0	743	0	140+50.00	0	769	0
65+00.00	0	865	0	89+50.00	69	212	0	114+00.00	0	731	0	141+00.00	0	731	0
65+50.00	0	824	0	90+00.00	112	49	0	114+50.00	0	680	0	141+50.00	0	697	0
66+00.00	0	631	0	90+50.00	79	39	0	115+00.00	0	654	0	142+00.00	0	692	0
66+50.00	0	516	0	91+00.00	32	46	0	115+50.00	0	736	0	142+50.00	0	690	0
67+00.00	0	720	0	91+50.00	29	45	0	116+00.00	0	940	128	143+00.00	0	667	0
67+50.00	0	881	0	92+00.00	33	40	0	116+50.00	0	1131	263	143+50.00	0	623	0
68+00.00	0	844	0	92+50.00	16	72	0	117+00.00	0	1214	289	144+00.00	0	626	17
68+50.00	0	814	0	93+00.00	0	116	0	117+50.00	0	1242	319	144+50.00	0	554	17
69+00.00	0	785	0	93+50.00	2	129	0	118+00.00	0	1012	165	145+00.00	0	413	0
69+50.00	0	757	0	94+00.00	2	181	0	118+50.00	0	994	231	145+50.00	0	350	0
70+00.00	0	706	0	94+50.00	0	344	0	119+00.00	0	1203	423	146+00.00	0	293	0
70+50.00	0	586	0	95+00.00	0	418	0	119+50.00	0	1286	413	146+50.00	3	202	0
71+00.00	0	428	0	95+50.00	0	340	0	120+00.00	0	1377	430	147+00.00	3	156	0
71+50.00	0	513	0	96+00.00	0	329	0	120+50.00	0	1342	391	147+50.00	1	201	0
72+00.00	0	663	0	96+50.00	0	366	0	121+00.00	0	1240	344	148+00.00	42	283	0
72+50.00	0	635	0	97+00.00	0	414	0	121+50.00	0	1074	245	148+50.00	89	369	0
73+00.00	0	603	0	97+50.00	0	410	0	122+00.00	0	987	131	149+00.00	47	423	0
73+50.00	0	591	0	98+00.00	0	335	0	122+50.00	0	991	72	149+50.00	0	485	0
74+00.00	0	588	2	98+50.00	0	304	0	123+00.00	0	859	36	150+00.00	0	552	0

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<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-5021	X-1B

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**CROSS-SECTION SUMMARY**

Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut
LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)
150+50.00	0	583	0	175+00.00	0	895	179	199+50.00	0	693	0	226+00.00	0	1015	0
151+00.00	0	604	0	175+50.00	0	897	184	200+00.00	0	652	0	226+50.00	0	1121	0
151+50.00	0	650	0	176+00.00	0	896	178	200+50.00	0	628	0	227+00.00	0	905	0
152+00.00	0	718	0	176+50.00	0	885	150	201+00.00	0	584	0	227+50.00	0	422	0
152+50.00	0	847	0	177+00.00	0	871	135	201+50.00	0	552	0				
153+00.00	0	992	0	177+50.00	0	872	128	202+00.00	0	523	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>
153+50.00	0	1033	0	178+00.00	0	874	101	202+50.00	0	495	0	<b>LREV, LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
154+00.00	0	974	0	178+50.00	0	871	71	203+00.00	0	455	0	228+00.00	0	166	7
154+50.00	0	907	0	179+00.00	0	926	97	203+50.00	0	406	0	228+50.00	7	276	10
155+00.00	0	859	0	179+50.00	0	1020	149	204+00.00	0	371	0	229+00.00	78	143	3
155+50.00	0	835	0	180+00.00	0	1112	199	204+50.00	0	346	0	229+50.00	143	67	0
156+00.00	0	827	0	180+50.00	0	1187	238	205+00.00	0	231	0	230+00.00	154	71	0
156+50.00	0	798	0	181+00.00	0	1247	223	205+50.00	0	202	0	230+50.00	159	67	0
157+00.00	0	755	0	181+50.00	0	1313	229	206+00.00	0	290	0	231+00.00	165	67	0
157+50.00	0	734	0	182+00.00	0	1367	264	206+50.00	0	288	0	231+50.00	174	71	0
158+00.00	0	740	0	182+50.00	0	1448	324	207+00.00	0	260	0	232+00.00	143	69	0
158+50.00	0	750	0	183+00.00	0	1570	391	207+50.00	0	216	0	232+50.00	58	34	0
159+00.00	0	761	0	183+50.00	0	1683	435	208+00.00	0	205	0	233+00.00	0	73	0
159+50.00	0	766	0	184+00.00	0	1788	492	208+50.00	0	259	0	233+50.00	0	155	0
160+00.00	0	786	0	184+50.00	0	1860	513	209+00.00	0	304	0	234+00.00	0	182	0
160+50.00	0	808	0	185+00.00	0	1737	365	209+50.00	0	255	0	234+50.00	0	102	0
161+00.00	0	803	0	185+50.00	0	1448	115	210+00.00	0	218	0	235+00.00	0	98	0
161+50.00	0	791	0	186+00.00	0	1303	0	210+50.00	0	194	0	235+50.00	0	192	0
162+00.00	0	836	32	186+50.00	0	1335	0	211+00.00	0	163	0	236+00.00	0	202	0
162+50.00	0	934	92	187+00.00	0	1366	0	211+50.00	0	183	0	236+50.00	0	115	0
163+00.00	0	958	107	187+50.00	0	1350	0	212+00.00	0	528	0	237+00.00	0	113	0
163+50.00	0	932	78	188+00.00	0	1331	0	212+50.00	0	851	0	237+50.00	0	236	0
164+00.00	0	924	76	188+50.00	0	1333	0	213+00.00	0	842	0	238+00.00	0	279	0
164+50.00	0	974	103	189+00.00	0	1331	0	213+50.00	0	887	0	238+50.00	0	277	0
165+00.00	0	1009	93	189+50.00	0	1294	0	214+00.00	0	754	0	239+00.00	0	263	0
165+50.00	0	1069	135	190+00.00	0	1237	0	214+50.00	0	624	0	240+00.00	0	194	0
166+00.00	0	1200	269	190+50.00	0	1190	0	215+00.00	0	705	0	240+50.00	0	197	0
166+50.00	0	1247	334	191+00.00	0	1142	0	215+50.00	0	699	0	241+00.00	0	243	0
167+00.00	0	1216	319	191+50.00	0	1115	0	216+00.00	0	754	0	241+50.00	0	262	0
167+50.00	0	598	153	192+00.00	0	1106	0	216+50.00	0	844	0	242+00.00	0	262	0
				192+50.00	0	1099	0	217+00.00	0	941	0	242+50.00	0	273	0
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>	193+00.00	0	1076	0	217+50.00	0	741	0	243+00.00	0	258	0
<b>LREV, LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	193+50.00	0	1290	244	218+00.00	0	482	0	243+50.00	0	231	0
				194+00.00	0	1500	481	218+50.00	0	428	0	244+00.00	0	263	0
168+00.00	0	541	59	194+50.00	0	1465	486	219+00.00	0	377	0	244+50.00	0	277	0
168+50.00	0	1078	120	195+00.00	0	1197	250	219+50.00	0	174	0	245+00.00	0	389	82
169+00.00	0	1080	135	195+50.00	0	949	0	220+00.00	0	124	0	246+00.00	0	627	258
169+50.00	0	1103	188	196+00.00	0	951	0	220+50.00	0	155	48	246+50.00	0	786	400
170+00.00	0	1122	248	196+50.00	0	916	0	221+00.00	0	262	72	247+00.00	0	868	460
170+50.00	0	1135	294	197+00.00	0	859	0	221+50.00	0	376	24	247+50.00	0	881	445
171+00.00	0	1151	345	197+50.00	0	414	0	222+00.00	0	387	0	248+00.00	0	817	373
171+50.00	0	1160	350					222+50.00	0	278	0	248+50.00	0	746	314
172+00.00	0	1116	499	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>	223+00.00	0	222	0	249+00.00	0	693	265
172+50.00	0	1075	553	<b>LREV, LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	223+50.00	0	348	0	249+50.00	0	582	116
173+00.00	0	1063	324	198+00.00	0	360	0	224+00.00	0	612	0	250+00.00	0	500	0
173+50.00	0	1005	211	198+50.00	0	725	0	224+50.00	0						
174+00.00	0	949	200	198+50.00	0	725	0	225+00.00	0						
174+50.00	0	908	184	199+00.00	0	730	0	225+50.00	0						



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R-5021	X-1D

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**CROSS-SECTION SUMMARY**

Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut
LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, LT	(cu. yd.)	(cu. yd.)	(cu. yd.)
348+00.00	8	0	0	374+50.00	0	437	0	402+50.00	10	138	0	427+50.00	31	24	0
348+50.00	23	4	0	375+00.00	0	331	0	403+00.00	1	278	0	428+00.00	37	22	0
349+00.00	31	4	0	375+50.00	0	241	0	403+50.00	0	307	0	428+50.00	29	78	0
349+50.00	31	2	0	376+00.00	1	123	0	404+00.00	0	227	0	429+00.00	22	78	0
350+00.00	19	33	0	376+50.00	20	29	0	404+50.00	1	130	0	429+50.00	26	11	0
350+50.00	15	80	0	377+00.00	38	19	0	405+00.00	1	103	0	430+00.00	29	5	0
351+00.00	23	100	0	377+50.00	37	25	0	405+50.00	0	119	0	430+50.00	17	0	0
351+50.00	22	105	0	378+00.00	29	40	0	406+00.00	0	96	0				
352+00.00	16	112	0	378+50.00	18	73	0	406+50.00	0	76	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>
352+50.00	12	115	0	379+00.00	13	107	0	407+00.00	0	138	0	<b>LREV, RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
353+00.00	10	110	0	379+50.00	8	117	0	407+50.00	1	201	0				
353+50.00	9	58	0	380+00.00	5	98	0	408+00.00	3	196	0	48+00.00	9	0	0
354+00.00	21	13	0	380+50.00	3	100	0	408+50.00	6	165	0	48+50.00	24	0	0
354+50.00	31	15	0	381+00.00	13	61	0	409+00.00	8	106	0	49+00.00	23	0	0
355+00.00	31	16	0	381+50.00	35	0	0	409+50.00	11	96	0	49+50.00	18	0	0
355+50.00	29	29	0	382+00.00	83	41	0	410+00.00	12	131	0	50+00.00	14	7	0
356+00.00	30	37	0	382+50.00	132	87	0	410+50.00	12	130	0	50+50.00	7	18	0
356+50.00	37	30	0	383+00.00	108	155	0	411+00.00	9	169	0	51+00.00	4	24	0
357+00.00	47	24	0	383+50.00	48	233	0	411+50.00	3	247	53	51+50.00	2	27	0
357+50.00	59	19	0	384+00.00	30	295	0	412+00.00	0	285	101	52+00.00	0	28	0
358+00.00	62	23	0	384+50.00	42	395	0	413+00.00	0	570	96	52+50.00	0	33	0
358+50.00	60	23	0	385+00.00	52	462	0	413+50.00	0	245	0	53+00.00	0	53	0
359+00.00	44	23	0	385+50.00	28	502	0	414+00.00	0	227	0	53+50.00	0	69	0
359+50.00	21	38	0	386+00.00	19	517	0	414+50.00	0	269	0	54+00.00	0	81	0
360+00.00	7	28	0	386+50.00	35	499	0	415+00.00	0	293	0	54+50.00	0	98	0
360+50.00	16	15	0	387+00.00	35	497	0	415+50.00	0	277	0	55+00.00	0	106	0
361+00.00	16	20	0	387+50.00	37	546	0	416+00.00	0	254	0	55+50.00	0	129	0
361+50.00	4	37	0	388+00.00	54	503	0	416+50.00	0	215	0	56+00.00	0	159	0
362+00.00	6	61	0	388+50.00	39	241	0	417+00.00	0	152	0	56+50.00	0	175	0
362+50.00	6	59	0					417+50.00	0	97	0	57+00.00	0	200	0
363+00.00	5	62	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>	418+00.00	0	64	0	57+50.00	0	215	0
363+50.00	1	147	0					418+50.00	0	56	0	58+00.00	0	219	0
364+00.00	30	220	0	<b>LREV, LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	419+00.00	0	75	0	58+50.00	0	231	0
364+50.00	71	191	0	392+50.00	0	0	0	419+50.00	0	80	0	59+00.00	0	249	0
365+00.00	73	153	0	393+00.00	0	219	0	420+00.00	0	49	0	59+50.00	0	274	0
365+50.00	33	304	0	393+50.00	0	176	0	420+50.00	0	76	0	60+00.00	0	303	0
366+00.00	0	435	0	394+00.00	0	198	0	421+00.00	0	132	0	60+50.00	0	324	0
366+50.00	0	461	0	394+50.00	0	242	0	421+50.00	0	79	0	61+00.00	0	338	0
367+00.00	0	910	0	395+00.00	0	260	0	422+00.00	0	11	0	61+50.00	0	362	0
367+50.00	0	1404	0	395+50.00	0	281	0					62+00.00	0	391	0
368+00.00	0	1568	0	396+00.00	0	308	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>	62+50.00	0	374	0
368+50.00	0	818	0	396+50.00	0	304	0					63+00.00	0	761	0
				397+00.00	0	306	0	<b>LREV, LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	63+50.00	0	762	0
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>	397+50.00	0	318	0	422+50.00	1	1	0	64+00.00	0	844	0
				398+00.00	17	369	0	423+00.00	14	9	0	64+50.00	0	893	0
<b>LREV, LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	398+50.00	35	459	0	423+50.00	35	11	0	65+00.00	0	865	0
371+00.00	0	764	190	399+00.00	36	488	0	424+00.00	47	4	0	65+50.00	0	824	0
371+50.00	0	1430	319	399+50.00	19	491	0	424+50.00	33	0	0	66+00.00	0	631	0
372+00.00	0	1226	192	400+00.00	0	496	0	425+00.00	8	0	0	66+50.00	0	516	0
372+50.00	0	1000	62	400+50.00	0	417	0	425+50.00	29	0	0	67+00.00	0	720	0
373+00.00	0	801	0	401+00.00	0	294	0	426+00.00	42	4	0	67+50.00	0	881	0
373+50.00	0	681	0	401+50.00	0	225	0	426+50.00	31	10	0	68+00.00	0	844	0
374+00.00	0	564	0	402+00.00	10	125	0	427+00.00	33	16	0	68+50.00	0	814	0



**STATE OF NORTH CAROLINA  
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<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-5021	X-1F

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

**CROSS-SECTION SUMMARY**

Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut
LREV, RT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, RT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, RT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, RT	(cu. yd.)	(cu. yd.)	(cu. yd.)
168+00.00	0	327	6	194+50.00	0	774	16	219+00.00	152	303	0	244+00.00	0	194	0
168+50.00	0	648	12	195+00.00	0	709	7	219+50.00	167	240	0	244+50.00	0	206	0
169+00.00	0	635	13	195+50.00	0	677	0	220+00.00	169	163	0	245+00.00	0	218	0
169+50.00	0	624	13	196+00.00	0	666	0	220+50.00	182	101	0	245+50.00	0	236	1
170+00.00	0	605	12	196+50.00	0	630	0	221+00.00	101	71	0	246+00.00	0	255	1
170+50.00	0	579	10	197+00.00	0	597	0	221+50.00	24	59	0	246+50.00	0	270	0
171+00.00	0	555	8	197+50.00	0	291	0	222+00.00	116	56	0	247+00.00	0	292	1
171+50.00	0	544	12					222+50.00	180	58	0	247+50.00	0	313	3
172+00.00	0	497	18	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>	223+00.00	157	64	0	248+00.00	0	321	3
172+50.00	0	459	17					223+50.00	129	68	0	248+50.00	0	327	2
173+00.00	0	480	12	<b>LREV, RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	224+00.00	78	65	0	249+00.00	0	355	2
173+50.00	0	475	7	198+00.00	0	257	0	224+50.00	42	64	0	249+50.00	0	396	1
174+00.00	0	459	6	198+50.00	0	505	0	225+00.00	19	73	0	250+00.00	0	440	0
174+50.00	0	450	6	199+00.00	0	481	0	225+50.00	4	121	0	250+50.00	0	487	0
175+00.00	0	445	5	199+50.00	0	449	0	226+00.00	1	396	0	251+00.00	0	523	0
175+50.00	0	444	5	200+00.00	0	412	0	226+50.00	0	394	0	251+50.00	0	548	0
176+00.00	0	441	5	200+50.00	0	377	0	227+00.00	2	95	0	252+00.00	0	554	5
176+50.00	0	439	2	201+00.00	0	344	0	227+50.00	2	16	0	252+50.00	0	569	5
177+00.00	0	440	0	201+50.00	0	324	0					253+00.00	0	600	0
177+50.00	0	450	0	202+00.00	0	284	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>	253+50.00	0	604	0
178+00.00	0	473	0	202+50.00	0	237	0					254+00.00	0	448	0
178+50.00	0	499	0	203+00.00	0	219	0	<b>LREV, RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	254+50.00	0	308	11
179+00.00	0	525	1	203+50.00	0	200	0	228+00.00	7	2	0	255+00.00	0	320	20
179+50.00	0	554	4	204+00.00	0	181	0	228+50.00	150	17	14	255+50.00	0	307	10
180+00.00	0	587	5	204+50.00	0	165	0	229+00.00	280	16	14	256+00.00	0	295	0
180+50.00	0	627	7	205+00.00	1	120	0	229+50.00	307	1	0	256+50.00	0	226	0
181+00.00	0	667	9	205+50.00	3	113	0	230+00.00	181	0	0	257+00.00	0	153	0
181+50.00	0	707	9	206+00.00	41	131	0	230+50.00	168	0	0	257+50.00	0	76	0
182+00.00	0	754	11	206+50.00	46	95	0	231+00.00	277	0	0				
182+50.00	0	804	15	207+00.00	17	60	0	231+50.00	208	7	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>
183+00.00	0	842	17	207+50.00	24	45	0	232+00.00	161	14	0				
183+50.00	0	886	21	208+00.00	31	41	0	232+50.00	76	8	0	<b>LREV, RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
184+00.00	0	937	28	208+50.00	26	33	0	233+00.00	3	0	0	258+00.00	0	143	0
184+50.00	0	983	30	209+00.00	19	16	0	233+50.00	0	1	0	258+50.00	0	321	0
185+00.00	0	1012	15	209+50.00	15	33	0	234+00.00	0	2	0	259+00.00	0	380	0
185+50.00	0	1031	0	210+00.00	6	61	0	234+50.00	0	25	0	259+50.00	0	497	4
186+00.00	0	1062	0	210+50.00	0	39	0	235+00.00	0	51	0	260+00.00	0	591	16
186+50.00	0	1081	0	211+00.00	0	7	0	235+50.00	0	54	0	260+50.00	0	580	24
187+00.00	0	1089	0	211+50.00	0	27	0	236+00.00	0	84	0	261+00.00	0	565	28
187+50.00	0	1093	0	212+00.00	0	88	0	236+50.00	0	117	0	261+50.00	0	549	27
188+00.00	0	1092	0	212+50.00	0	120	0	237+00.00	3	135	0	262+00.00	0	528	22
188+50.00	0	1078	0	213+00.00	0	119	0	237+50.00	12	147	0	262+50.00	0	509	18
189+00.00	0	1059	0	213+50.00	0	129	0	238+00.00	22	132	0	263+00.00	0	486	8
189+50.00	0	1033	0	214+00.00	0	156	0	238+50.00	29	117	0	263+50.00	0	465	0
190+00.00	0	998	0	214+50.00	0	259	0	239+00.00	16	79	0	264+00.00	0	453	0
190+50.00	0	964	0	215+00.00	0	377	0	239+50.00	0	23	0	264+50.00	0	433	0
191+00.00	0	937	0	215+50.00	0	431	0	240+00.00	0	34	0	265+00.00	0	422	0
191+50.00	0	916	0	216+00.00	0	499	0	241+00.00	0	68	0	265+50.00	0	420	0
192+00.00	0	887	0	216+50.00	0	569	0	241+50.00	0	67	0	266+00.00	0	409	0
192+50.00	0	855	0	217+00.00	0	575	0	242+00.00	0	91	0	266+50.00	0	396	0
193+00.00	0	828	0	217+50.00	0	531	0	242+50.00	0	148	0	267+00.00	0	382	0
193+50.00	0	815	9	218+00.00	0	405	0	243+00.00	0	182	0	267+50.00	0	360	0
194+00.00	0	806	19	218+50.00	64	316	0	243+50.00	0	189	0	268+00.00	0	338	0

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<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-5021	X-1G

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## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut
LREV, RT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, RT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, RT	(cu. yd.)	(cu. yd.)	(cu. yd.)	LREV, RT	(cu. yd.)	(cu. yd.)	(cu. yd.)
268+50.00	0	323	0	293+00.00	0	680	0	318+00.00	0	171	0	345+50.00	33	0	0
269+00.00	0	313	0	293+50.00	0	663	0	318+50.00	1	267	0	346+00.00	54	0	0
269+50.00	0	304	0	294+00.00	0	667	0	319+00.00	5	150	0	346+50.00	36	0	0
270+00.00	0	302	0	294+50.00	0	651	0	319+50.00	9	79	0	347+00.00	78	0	0
270+50.00	0	305	0	295+00.00	0	627	0	320+00.00	54	31	0	347+50.00	71	0	0
271+00.00	0	303	0	295+50.00	0	612	0	320+50.00	82	21	0				
271+50.00	0	308	3	296+00.00	0	600	0	321+00.00	68	33	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>
272+00.00	0	481	39	296+50.00	0	594	0	321+50.00	58	25	0	<b>LREV, RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
272+50.00	0	627	77	297+00.00	0	578	0	322+00.00	50	8	0	348+00.00	8	0	0
273+00.00	0	503	46	297+50.00	0	561	0	322+50.00	59	3	0	348+50.00	53	0	0
273+50.00	0	382	10	298+00.00	0	563	0	323+50.00	62	5	0	349+00.00	78	11	0
274+00.00	0	368	4	298+50.00	0	577	0	324+50.00	53	17	0	349+50.00	59	20	0
274+50.00	0	385	0	299+00.00	0	598	0	325+00.00	107	28	0	350+00.00	137	10	0
275+00.00	0	406	0	299+50.00	0	615	0	325+50.00	56	12	0	350+50.00	212	33	0
275+50.00	0	435	0	300+00.00	0	629	0	326+00.00	2	0	0	351+00.00	229	66	0
276+00.00	0	486	0	300+50.00	0	635	0	326+50.00	9	0	0	351+50.00	156	37	0
276+50.00	0	543	0	301+00.00	0	655	0	327+00.00	15	0	0	352+00.00	177	35	0
277+00.00	0	585	0	301+50.00	0	684	91	327+50.00	15	0	0	352+50.00	276	56	0
277+50.00	0	616	0	302+00.00	0	684	267	328+00.00	41	0	0	353+00.00	212	48	0
278+00.00	0	655	0	302+50.00	0	678	291	328+50.00	91	0	0	353+50.00	116	48	0
278+50.00	0	692	0	303+00.00	0	674	178	329+00.00	110	0	0	354+00.00	124	31	0
279+00.00	0	716	0	303+50.00	0	658	105	329+50.00	102	0	0	354+50.00	178	10	0
279+50.00	0	734	0	304+00.00	0	636	57	330+00.00	64	0	0	355+00.00	138	10	0
280+00.00	0	755	0	304+50.00	0	635	22	330+50.00	42	0	0	355+50.00	87	12	0
280+50.00	0	772	0	305+00.00	58	632	19	331+00.00	34	16	0	356+00.00	83	6	0
281+00.00	0	778	0	305+50.00	58	554	19	331+50.00	11	40	0	356+50.00	102	0	0
281+50.00	0	799	24	306+00.00	0	362	95	332+00.00	13	33	0	357+00.00	65	10	0
282+00.00	0	805	44	306+50.00	47	483	108	332+50.00	16	18	0	357+50.00	19	19	0
282+50.00	0	843	94	307+00.00	111	742	0	333+00.00	17	10	0	358+00.00	14	20	0
283+00.00	0	816	76	307+50.00	125	719	0	333+50.00	53	0	0	358+50.00	13	20	0
283+50.00	0	742	11	308+00.00	129	673	0	334+00.00	52	0	0	359+00.00	14	21	0
284+00.00	0	735	15	308+50.00	144	688	0	334+50.00	17	0	0	359+50.00	13	28	0
284+50.00	0	709	8	309+00.00	172	724	0	335+00.00	17	0	0	360+00.00	18	18	0
285+00.00	0	690	6	309+50.00	162	766	0	335+50.00	38	0	0	360+50.00	27	3	0
285+50.00	0	732	43	310+00.00	177	745	0	336+00.00	35	6	0	361+00.00	28	10	10
286+00.00	0	762	66	310+50.00	228	647	1	336+50.00	12	14	0	361+50.00	28	78	73
286+50.00	0	732	59	311+00.00	197	574	4	337+00.00	13	10	0	362+00.00	80	125	108
287+00.00	0	695	76	311+50.00	121	634	0	337+50.00	11	10	0	362+50.00	137	99	82
287+50.00	0	336	115	312+00.00	70	709	0	338+00.00	7	8	0	363+00.00	133	85	60
				312+50.00	54	693	0	338+50.00	4	0	0	363+50.00	108	68	23
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>UnderCut</b>	313+00.00	44	643	0	339+00.00	2	0	0	364+00.00	63	68	0
<b>LREV, RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	313+50.00	40	540	0	339+50.00	3	0	0	364+50.00	44	106	0
288+00.00	0	343	0	314+00.00	49	478	0	340+00.00	2	0	0	365+00.00	41	169	0
288+50.00	0	702	95	314+50.00	57	462	0	340+50.00	6	13	0	365+50.00	17	247	0
289+00.00	0	710	211	315+00.00	65	443	0	341+00.00	10	14	0	366+00.00	2	304	0
289+50.00	0	713	228	315+50.00	94	438	0	341+50.00	7	3	0	366+50.00	0	368	0
290+00.00	0	736	201	316+00.00	108	478	101	342+00.00	6	3	0	367+00.00	0	480	0
290+50.00	0	773	155	316+50.00	113	620	0	342+50.00	7	0	0	367+50.00	0	615	0
291+00.00	0	773	0	317+00.00	150	525	0	343+00.00	9	0	0	368+00.00	0	652	0
291+50.00	0	734	0	317+50.00	86	161	0	343+50.00	13	0	0	368+50.00	0	311	0
292+00.00	0	716	0					344+00.00	15	0	0				
292+50.00	0	708	0					344+50.00	16	0	0				
								345+00.00	17	0	0				







STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

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

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut	Station	Uncl. Exc.	Embt	UnderCut
Y5A	(cu. yd.)	(cu. yd.)	(cu. yd.)	Y9A	(cu. yd.)	(cu. yd.)	(cu. yd.)	Y14	(cu. yd.)	(cu. yd.)	(cu. yd.)	Y14A	(cu. yd.)	(cu. yd.)	(cu. yd.)
10+75.00	0	0	0	10+50.00	0	0	0	11+00.00	14	4	0	49+50.00	7	675	0
11+00.00	10	47	0	10+75.00	5	6	0	11+25.00	23	1	0	50+00.00	10	754	0
11+25.00	24	19	0	11+00.00	5	19	0	11+50.00	32	1	0	50+50.00	11	881	0
11+50.00	22	10	0	11+25.00	3	49	0					51+00.00	12	904	0
11+75.00	50	9	0	11+50.00	0	90	0	Station	Uncl. Exc.	Embt	UnderCut	51+50.00	42	750	0
12+00.00	62	18	0	11+75.00	0	126	0					52+00.00	75	718	0
12+25.00	70	15	0	12+00.00	0	208	0	Y14A	(cu. yd.)	(cu. yd.)	(cu. yd.)	52+50.00	77	845	0
				12+25.00	0	512	0	27+50.00	0	0	0	53+00.00	77	934	0
Station	Uncl. Exc.	Embt	UnderCut					28+00.00	303	0	0	53+50.00	75	1066	0
Y5B	(cu. yd.)	(cu. yd.)	(cu. yd.)	Station	Uncl. Exc.	Embt	UnderCut	28+50.00	184	72	0	54+00.00	71	723	0
10+50.00	0	0	0	Y10	(cu. yd.)	(cu. yd.)	(cu. yd.)	29+00.00	19	158	0	54+50.00	40	283	0
10+75.00	108	0	0	10+50.00	0	0	0	29+50.00	12	218	0	55+00.00	12	284	0
11+00.00	112	0	0	10+75.00	0	112	0	30+00.00	9	203	0	55+50.00	10	305	0
				11+00.00	24	81	12	30+50.00	6	201	0	56+00.00	9	846	0
Station	Uncl. Exc.	Embt	UnderCut	11+25.00	42	53	21	31+00.00	3	310	0	56+50.00	9	1454	0
Y6	(cu. yd.)	(cu. yd.)	(cu. yd.)	11+50.00	33	28	19	31+50.00	0	406	0	57+00.00	9	1545	0
10+75.00	0	0	0	11+75.00	33	14	14	32+00.00	0	516	0	57+50.00	9	1574	0
11+00.00	36	62	0					32+50.00	0	725	14	58+00.00	9	1607	0
11+25.00	41	21	0	Station	Uncl. Exc.	Embt	UnderCut	33+00.00	1	995	0	58+50.00	9	1609	0
				Y11	(cu. yd.)	(cu. yd.)	(cu. yd.)	33+50.00	1	1211	0	59+00.00	8	1625	0
Station	Uncl. Exc.	Embt	UnderCut	11+00.00	0	0	0	34+00.00	3	1513	0	59+50.00	7	1443	0
Y7	(cu. yd.)	(cu. yd.)	(cu. yd.)	11+25.00	0	228	0	34+50.00	5	1658	0	60+00.00	8	1262	0
10+75.00	0	0	0	11+50.00	0	166	0	35+00.00	6	1780	0	60+50.00	8	1334	0
11+00.00	0	275	0	11+75.00	0	120	0	35+50.00	7	2166	0	61+00.00	9	1397	14
11+25.00	0	133	0	12+00.00	0	76	0	36+00.00	7	2537	0	61+50.00	10	1411	33
11+50.00	4	67	0	12+25.00	12	41	0	36+50.00	6	2848	0	62+00.00	9	1356	68
11+75.00	10	25	0	12+50.00	23	18	0	37+00.00	5	3090	0	62+50.00	8	1280	136
				12+75.00	21	9	0	37+50.00	6	3273	0	63+00.00	8	1159	187
Station	Uncl. Exc.	Embt	UnderCut	13+00.00	23	7	0	38+00.00	7	3401	0	63+50.00	9	956	187
Y8	(cu. yd.)	(cu. yd.)	(cu. yd.)	13+25.00	34	4	0	38+50.00	8	3478	0	64+00.00	11	909	285
10+50.00	0	0	0					39+00.00	5	3508	0	64+50.00	12	912	390
10+75.00	0	237	0	Station	Uncl. Exc.	Embt	UnderCut					65+00.00	13	644	219
11+00.00	0	115	0	Y12	(cu. yd.)	(cu. yd.)	(cu. yd.)	Station	Uncl. Exc.	Embt	UnderCut	65+50.00	14	497	156
11+25.00	0	44	0	11+75.00	0	0	0	Y14A	(cu. yd.)	(cu. yd.)	(cu. yd.)	66+00.00	18	508	183
11+50.00	0	17	0	12+00.00	76	3	0	40+50.00	0	0	0	66+50.00	26	230	53
11+75.00	1	6	0	12+25.00	114	1	0	41+00.00	49	3476	0				
				12+50.00	160	0	0	41+50.00	68	4187	0	Station	Uncl. Exc.	Embt	UnderCut
Station	Uncl. Exc.	Embt	UnderCut	12+75.00	195	0	0	42+00.00	83	4800	0	Y14B	(cu. yd.)	(cu. yd.)	(cu. yd.)
Y9	(cu. yd.)	(cu. yd.)	(cu. yd.)					42+50.00	88	4465	0	10+50.00	0	0	0
10+75.00	0	0	0	Station	Uncl. Exc.	Embt	UnderCut	43+00.00	73	3995	0	10+75.00	15	35	0
11+00.00	33	156	0	Y13	(cu. yd.)	(cu. yd.)	(cu. yd.)	43+50.00	42	3453	0	11+00.00	10	39	0
11+25.00	70	86	0	11+00.00	0	0	0	44+00.00	14	2928	0	11+25.00	11	22	0
11+50.00	65	39	0	11+25.00	45	16	0	44+50.00	5	2437	0	11+50.00	12	19	0
11+75.00	50	11	0					45+00.00	8	1942	0	11+75.00	11	17	0
12+00.00	42	1	0	Station	Uncl. Exc.	Embt	UnderCut	45+50.00	9	1466	0	12+00.00	12	16	0
				Y14	(cu. yd.)	(cu. yd.)	(cu. yd.)	46+00.00	9	1089	0	12+25.00	21	9	0
				10+50.00	0	0	0	46+50.00	9	811	0				
				10+75.00	10	17	0	47+00.00	9	597	0	Station	Uncl. Exc.	Embt	UnderCut
								47+50.00	8	456	0	Y14C	(cu. yd.)	(cu. yd.)	(cu. yd.)
								48+00.00	3	347	0	23+50.00	0	0	0
								48+50.00	2	480	0	23+75.00	6	19	0
								49+00.00	5	663	0				

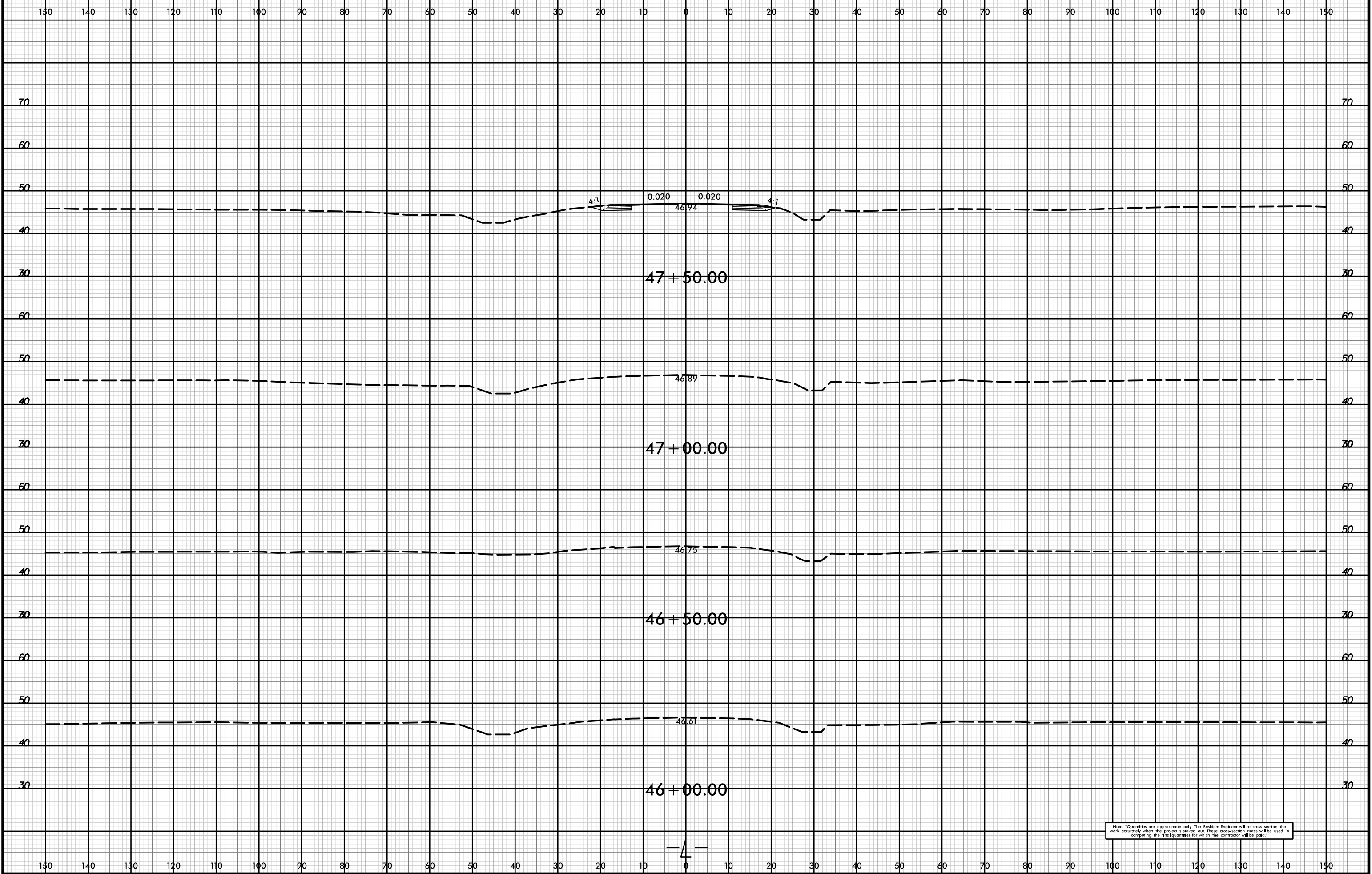




8/23/99



PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-1



21-Jul-2021 10:33  
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HTB

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

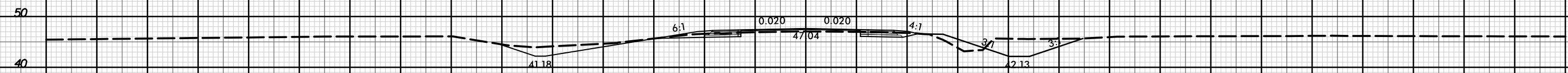




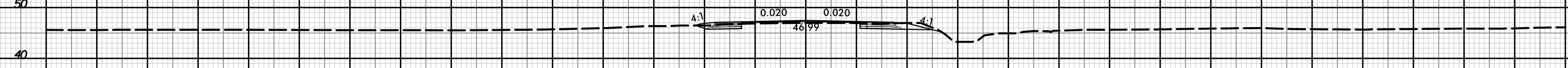
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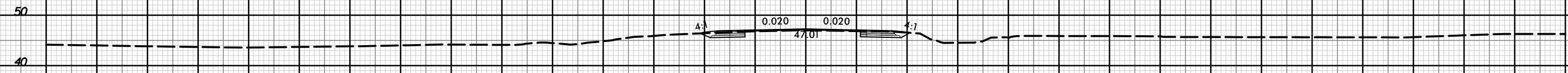
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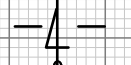
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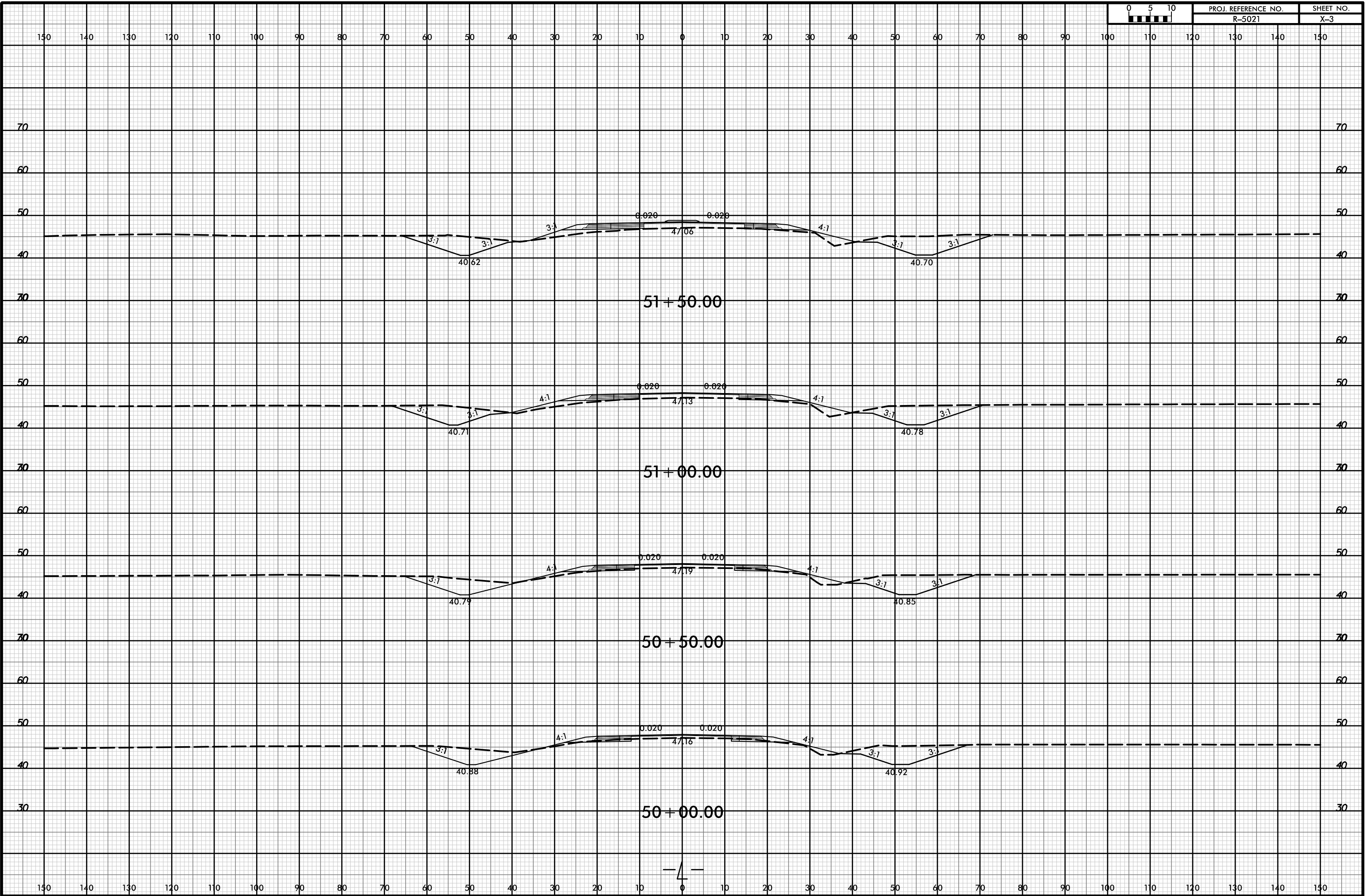
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48 + 00.00



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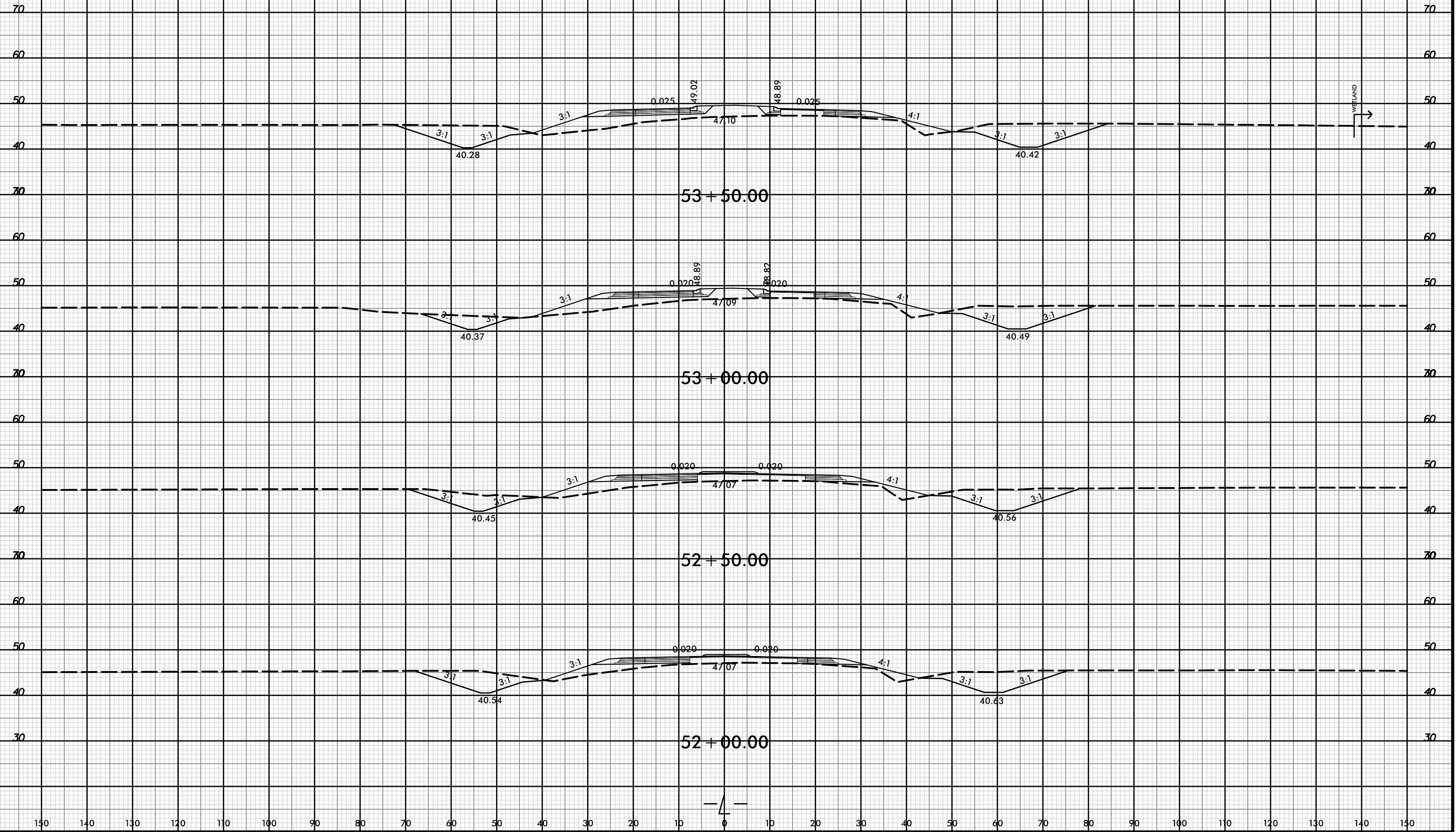
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PROJ. REFERENCE NO.  
R-5021

SHEET NO.  
X-4

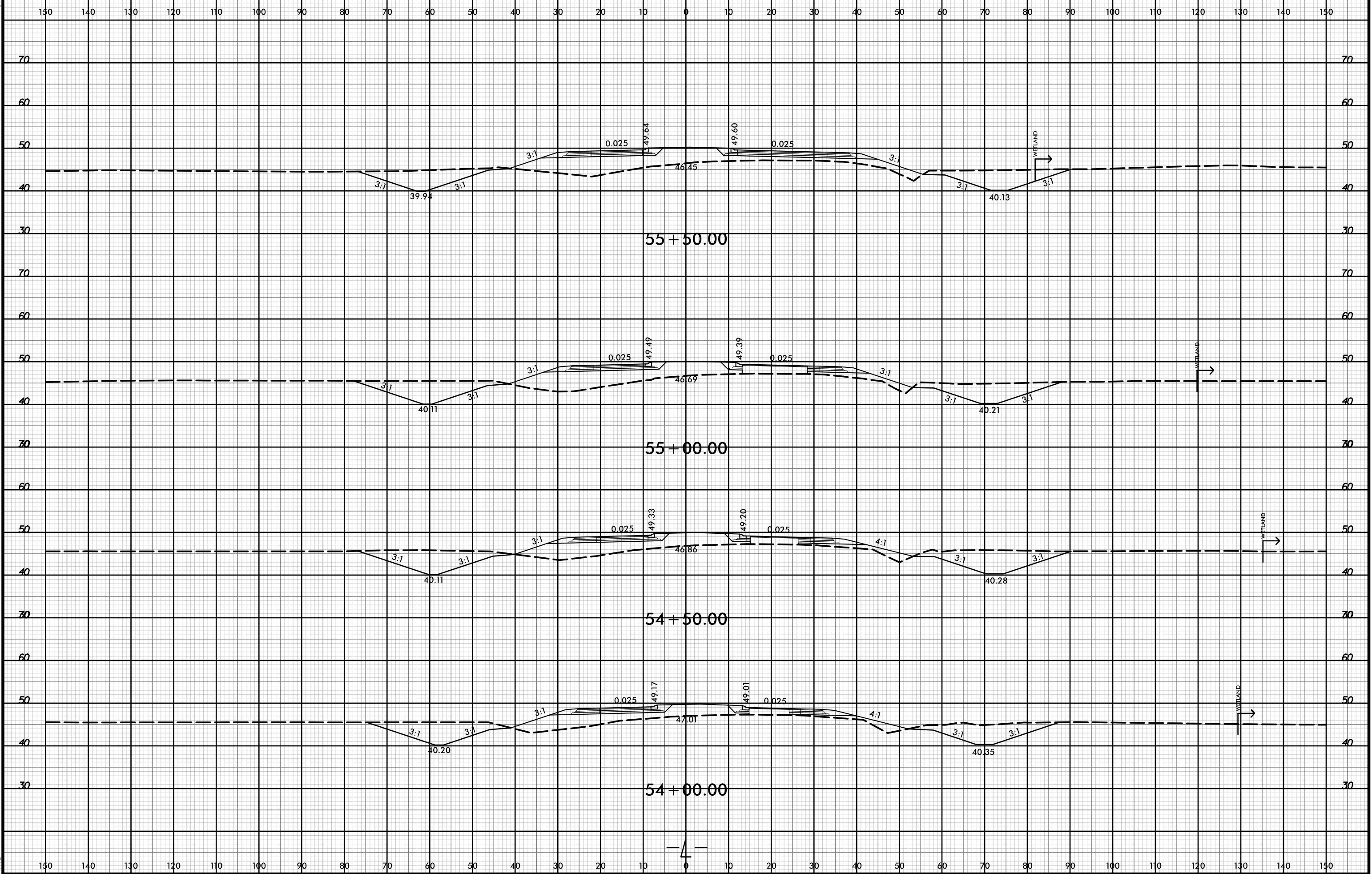
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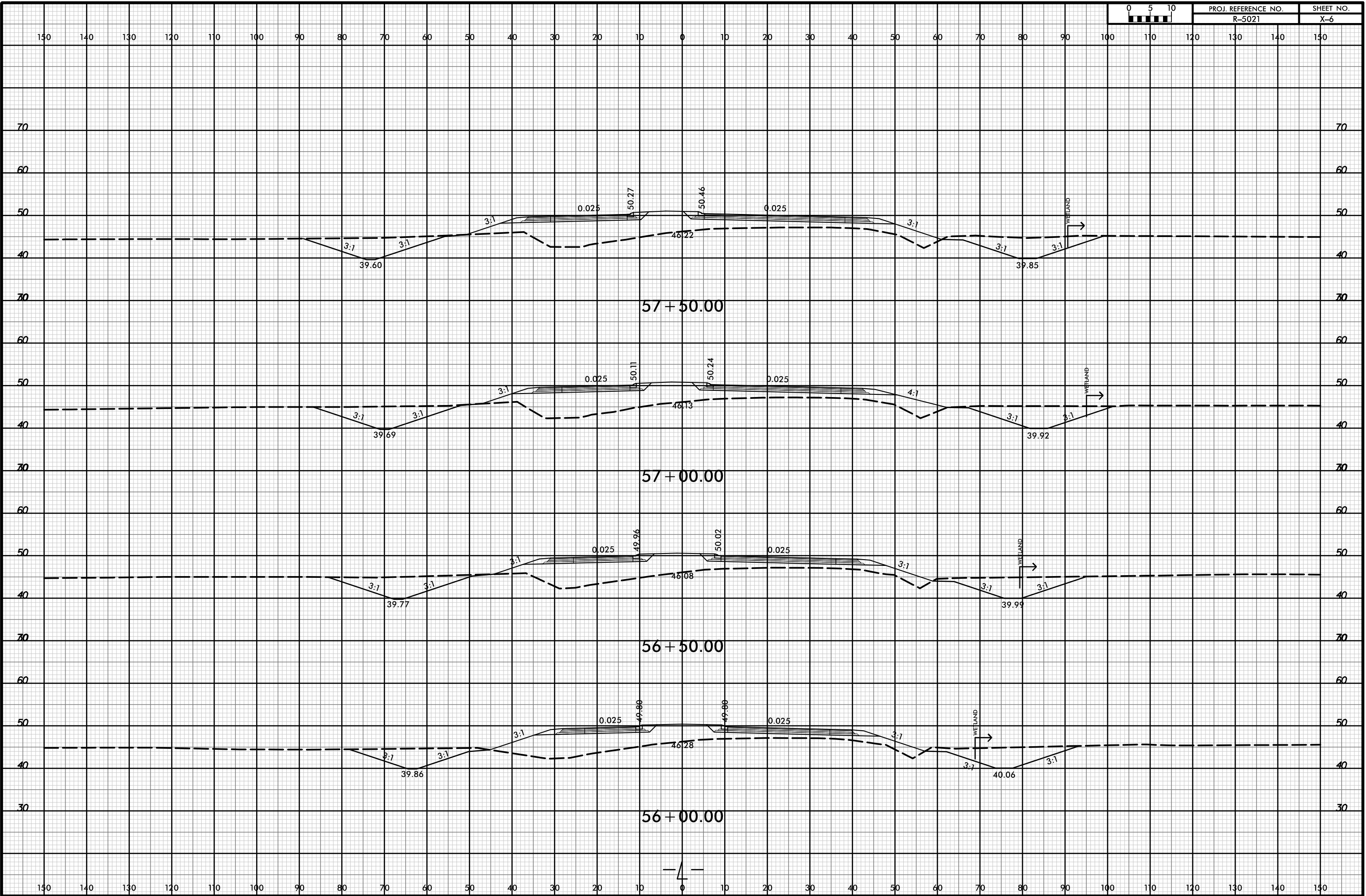


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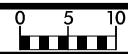


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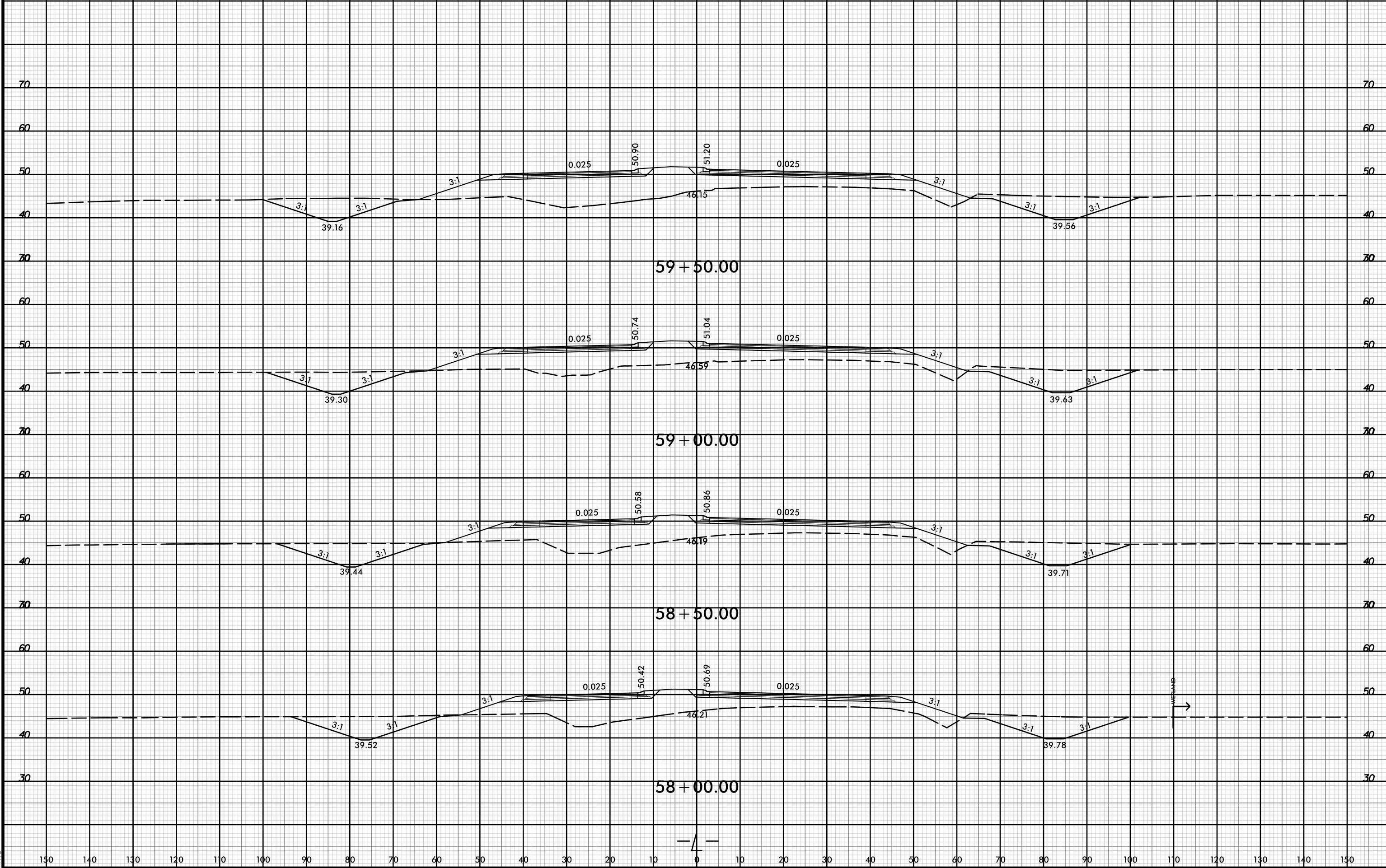
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PROJ. REFERENCE NO.  
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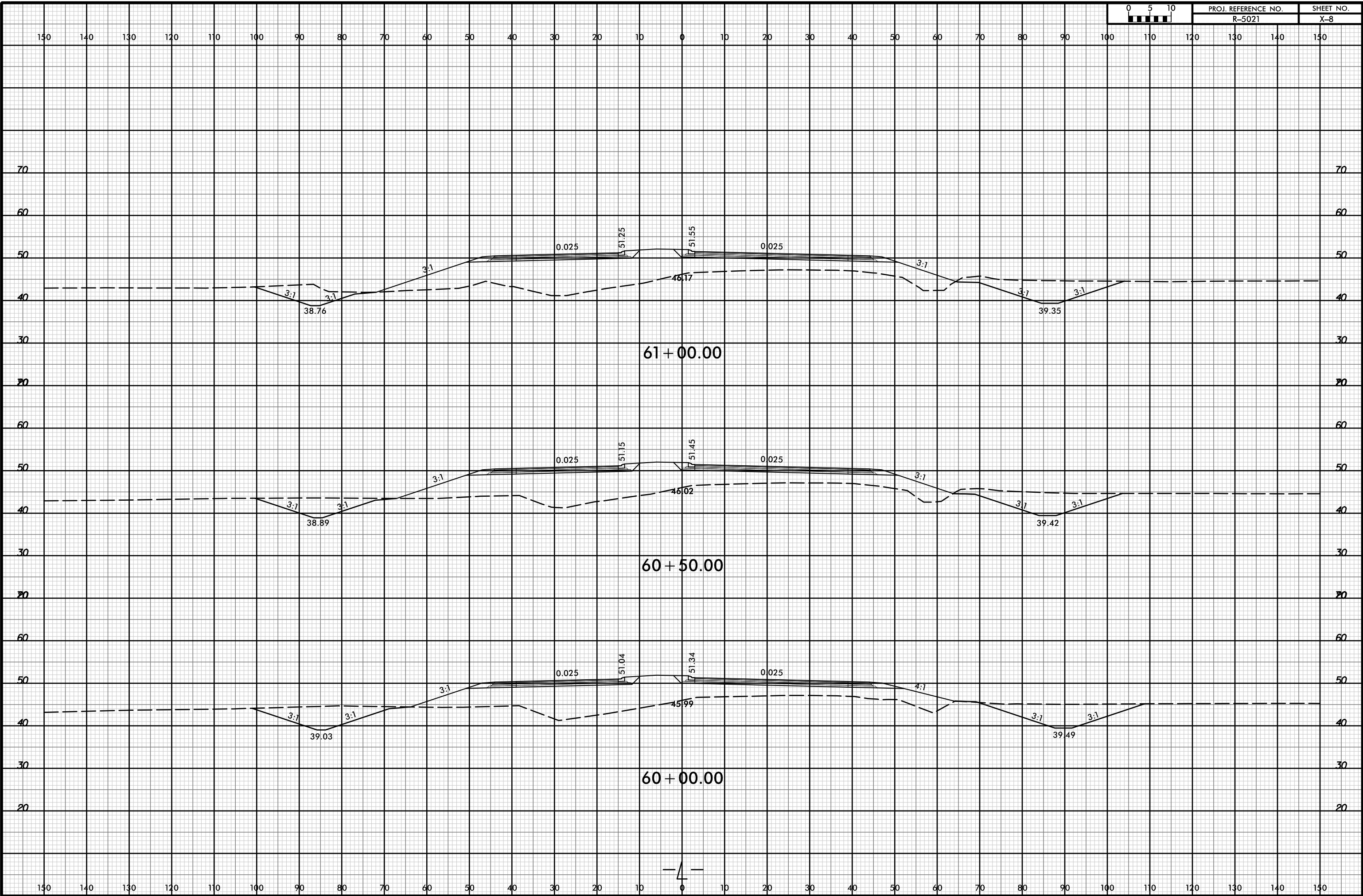
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X-7

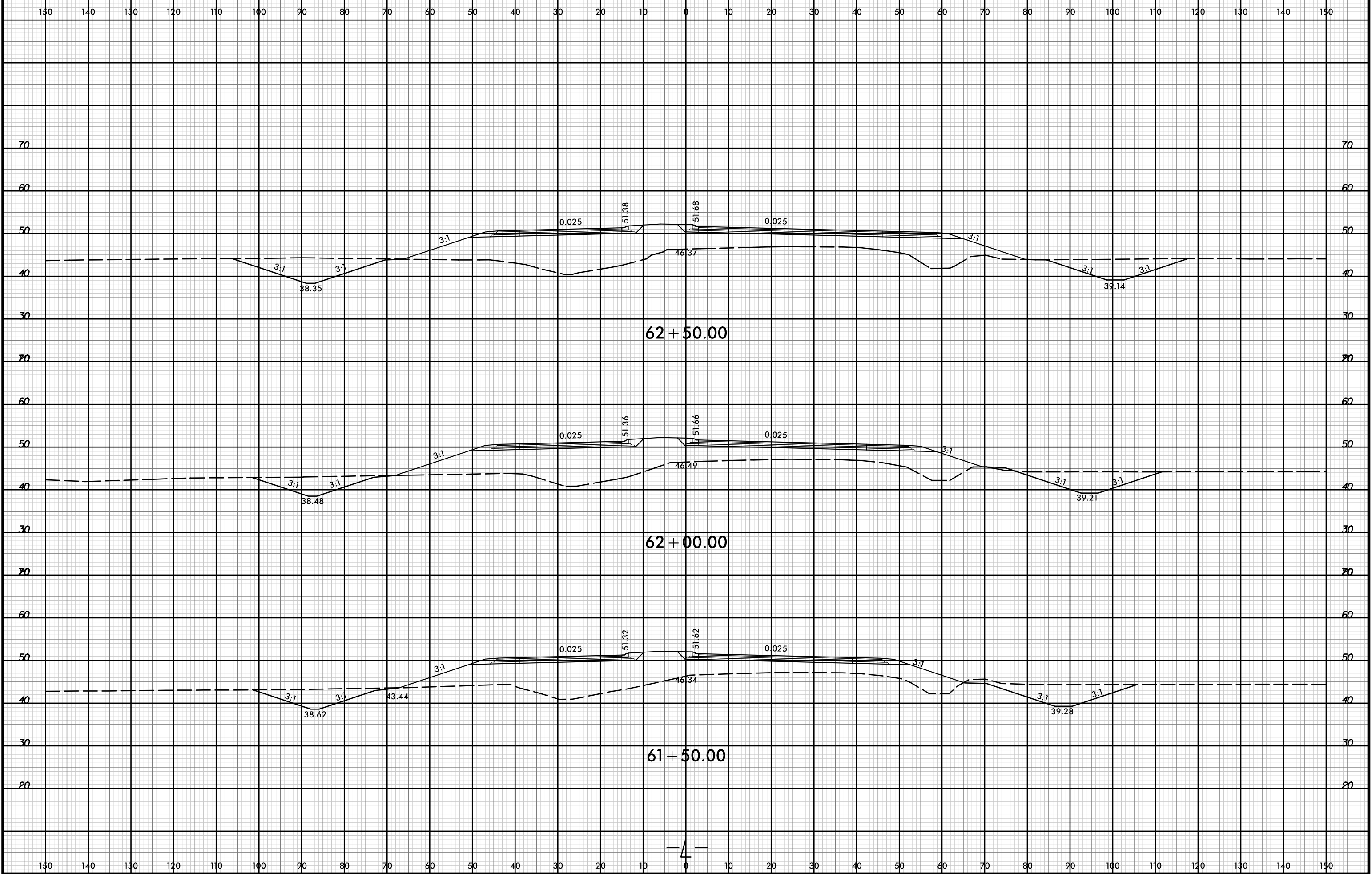
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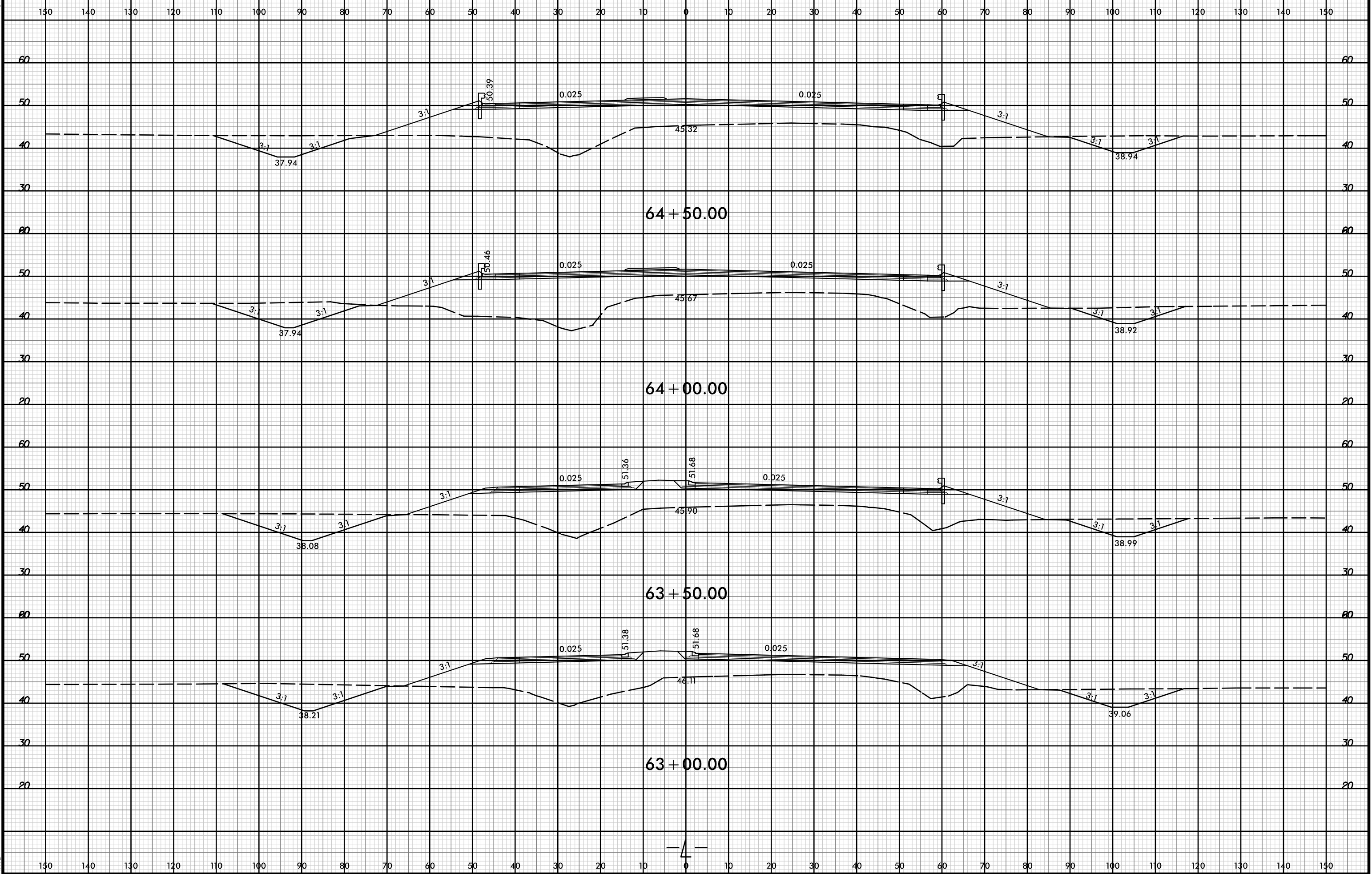


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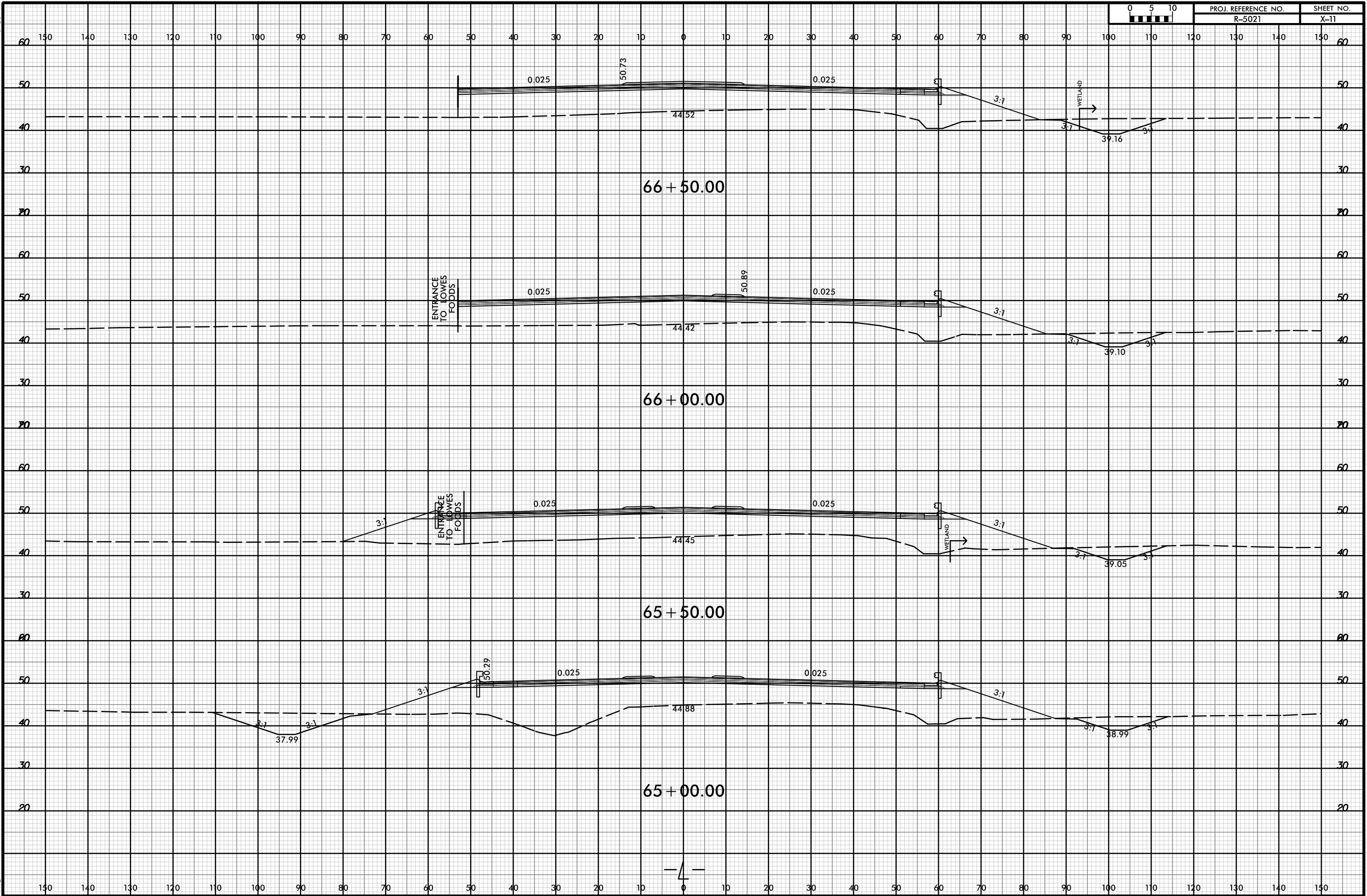




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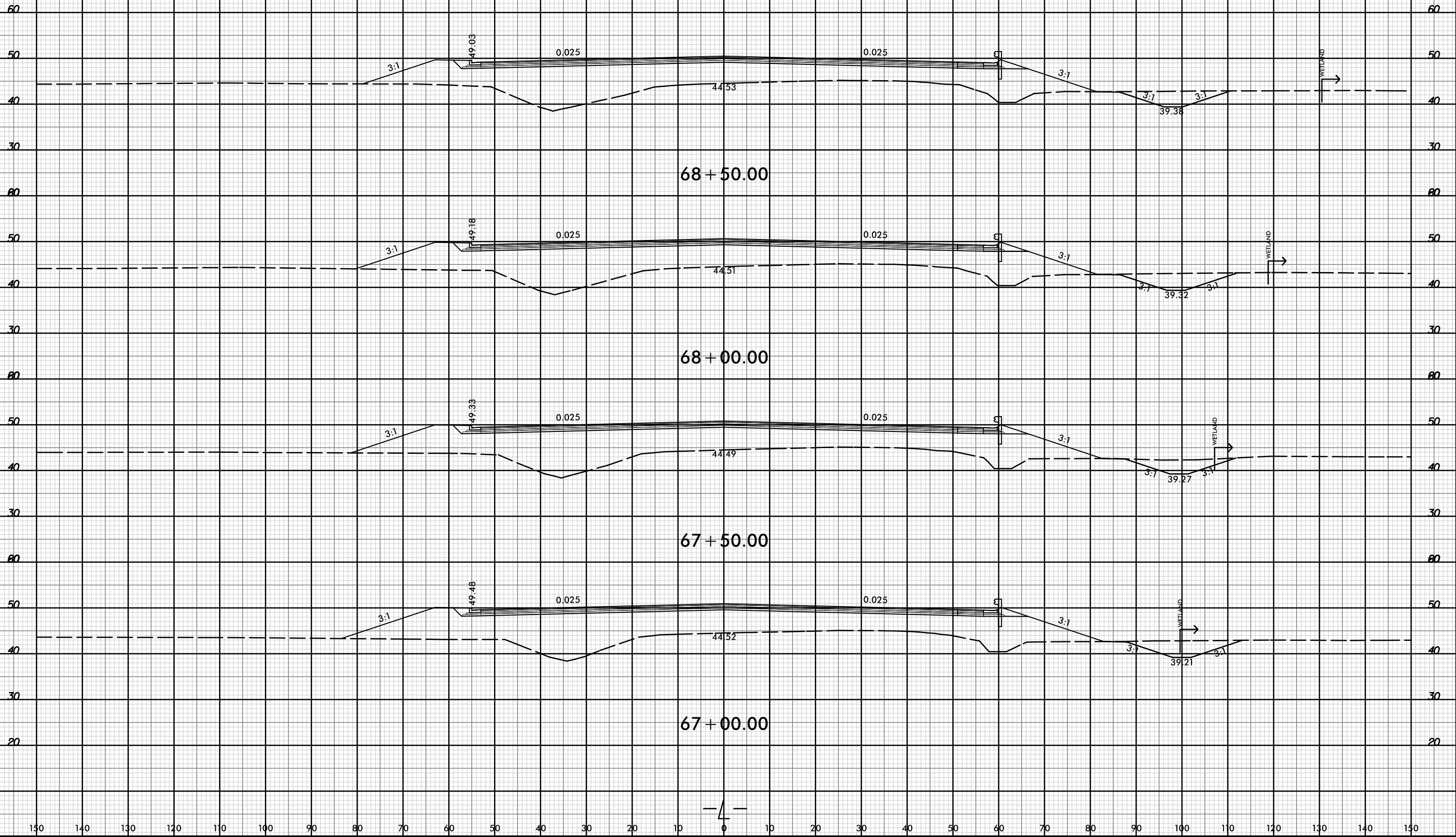
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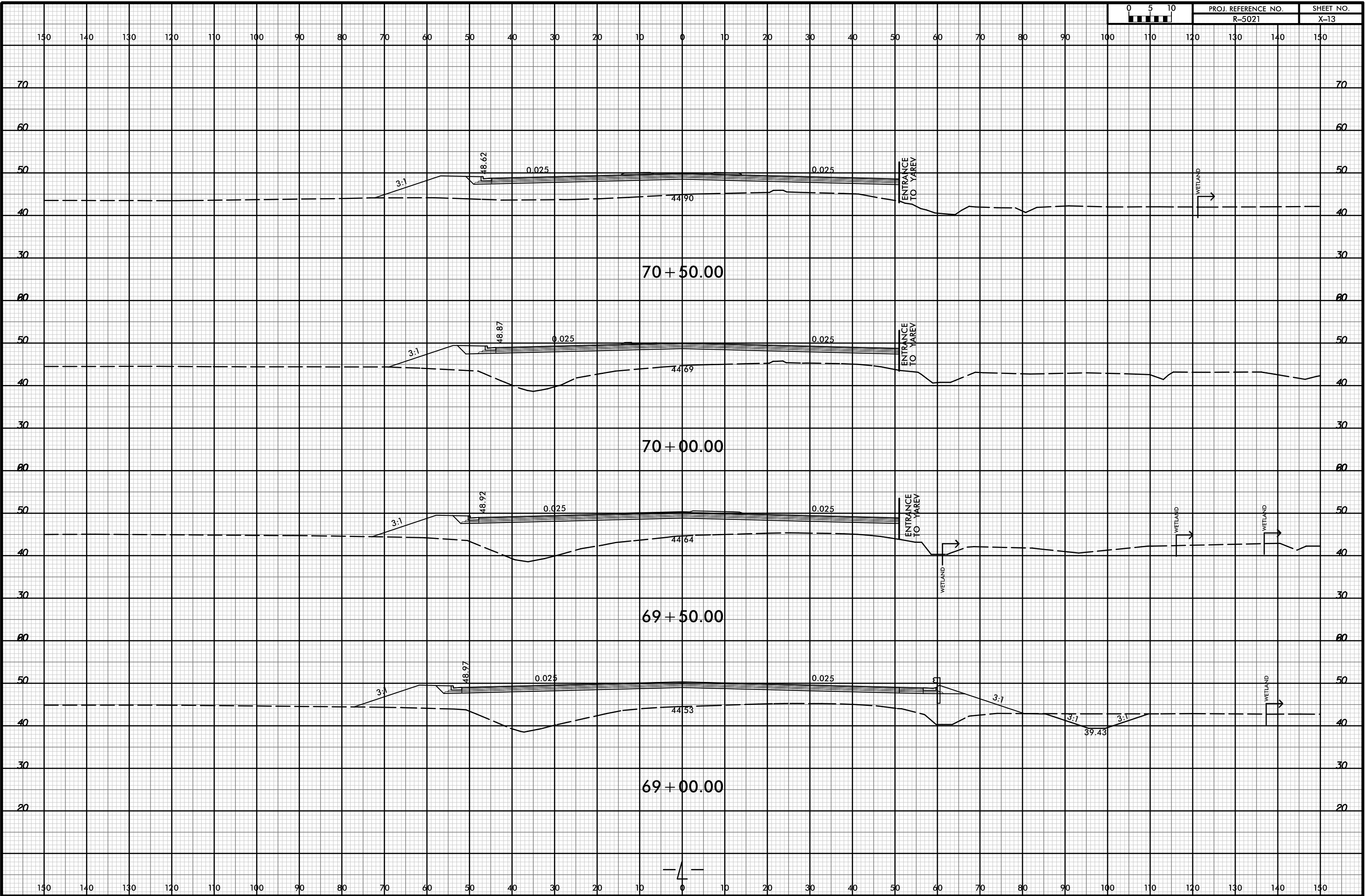


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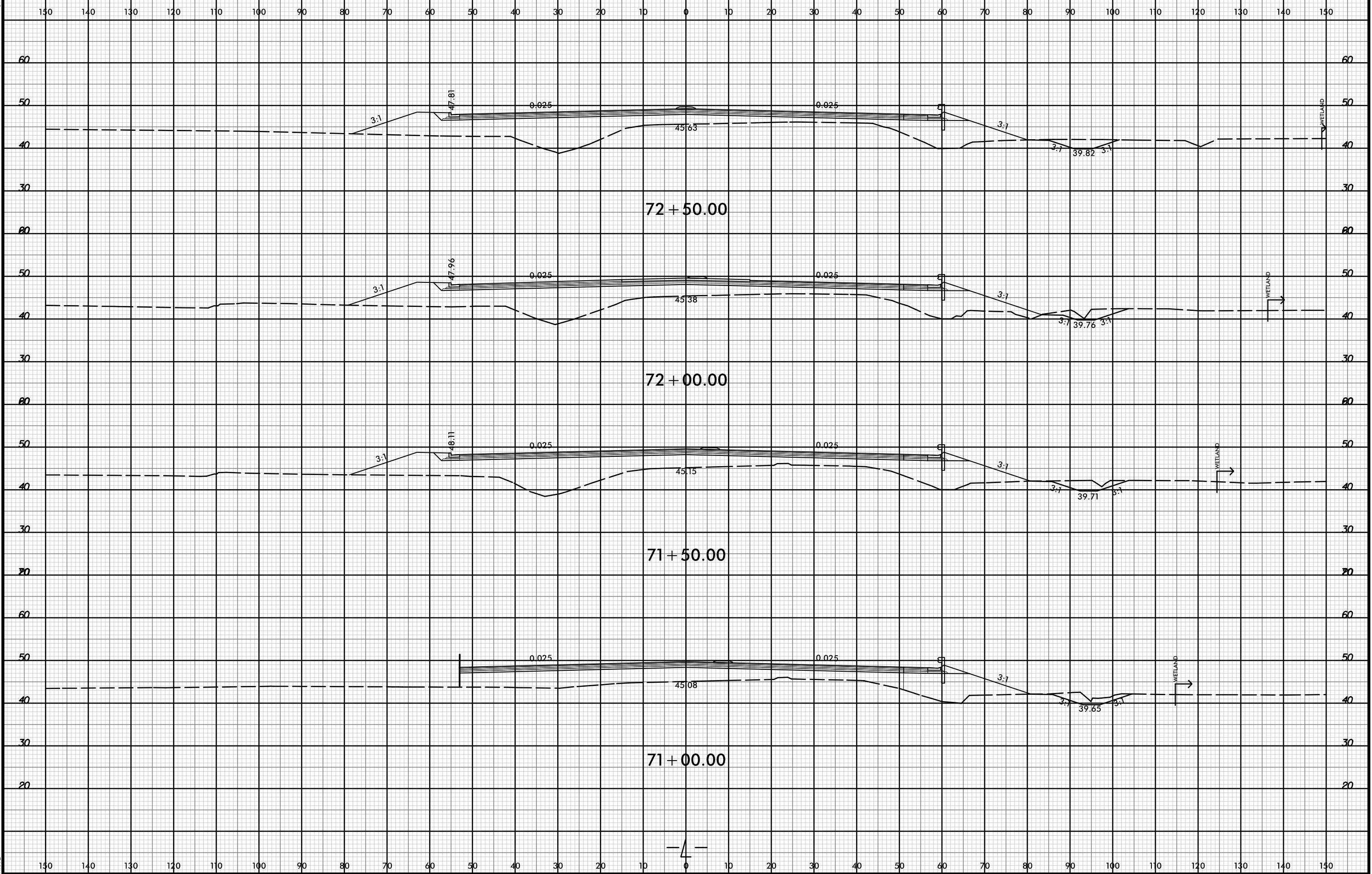




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PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-14

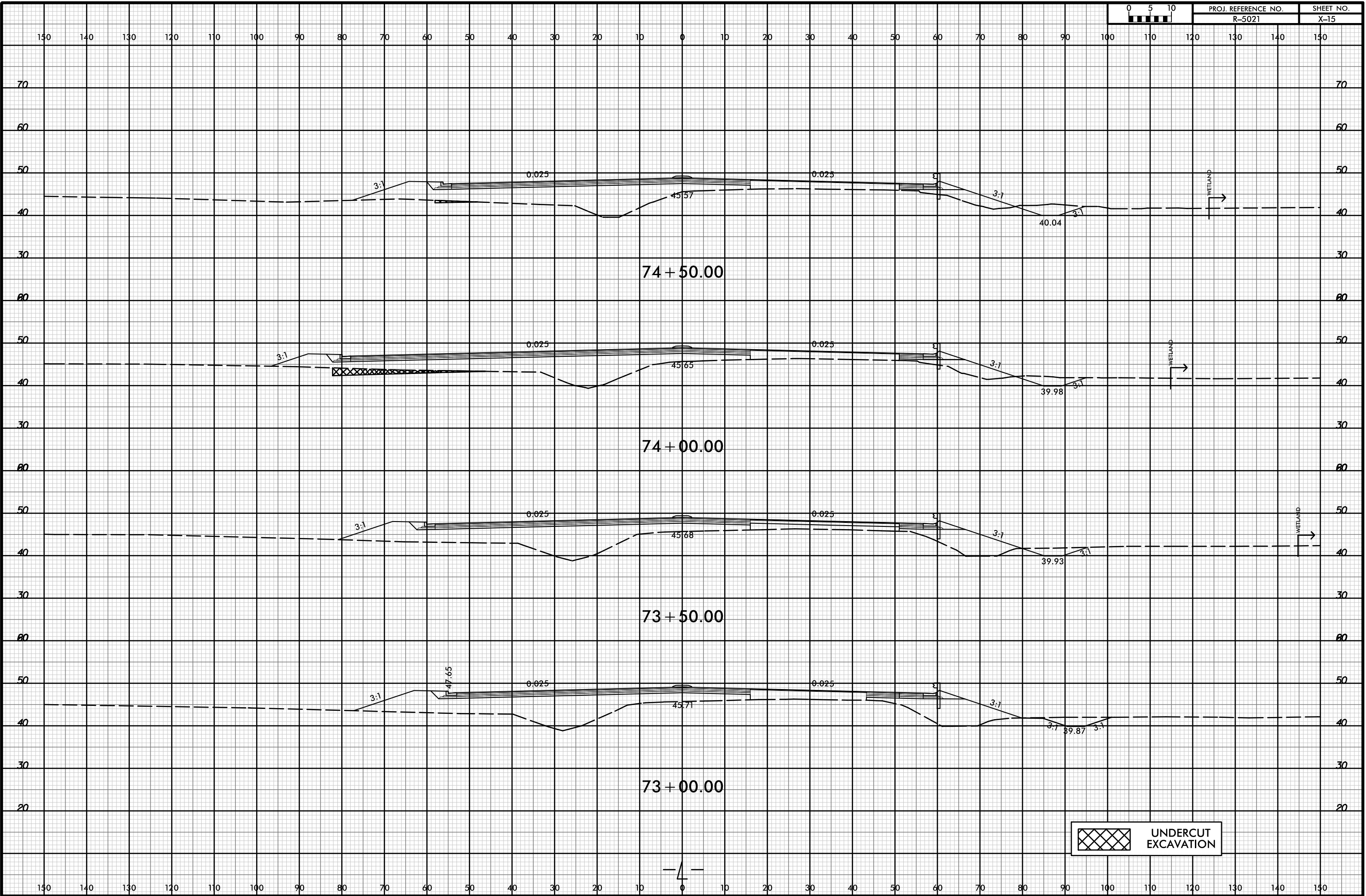


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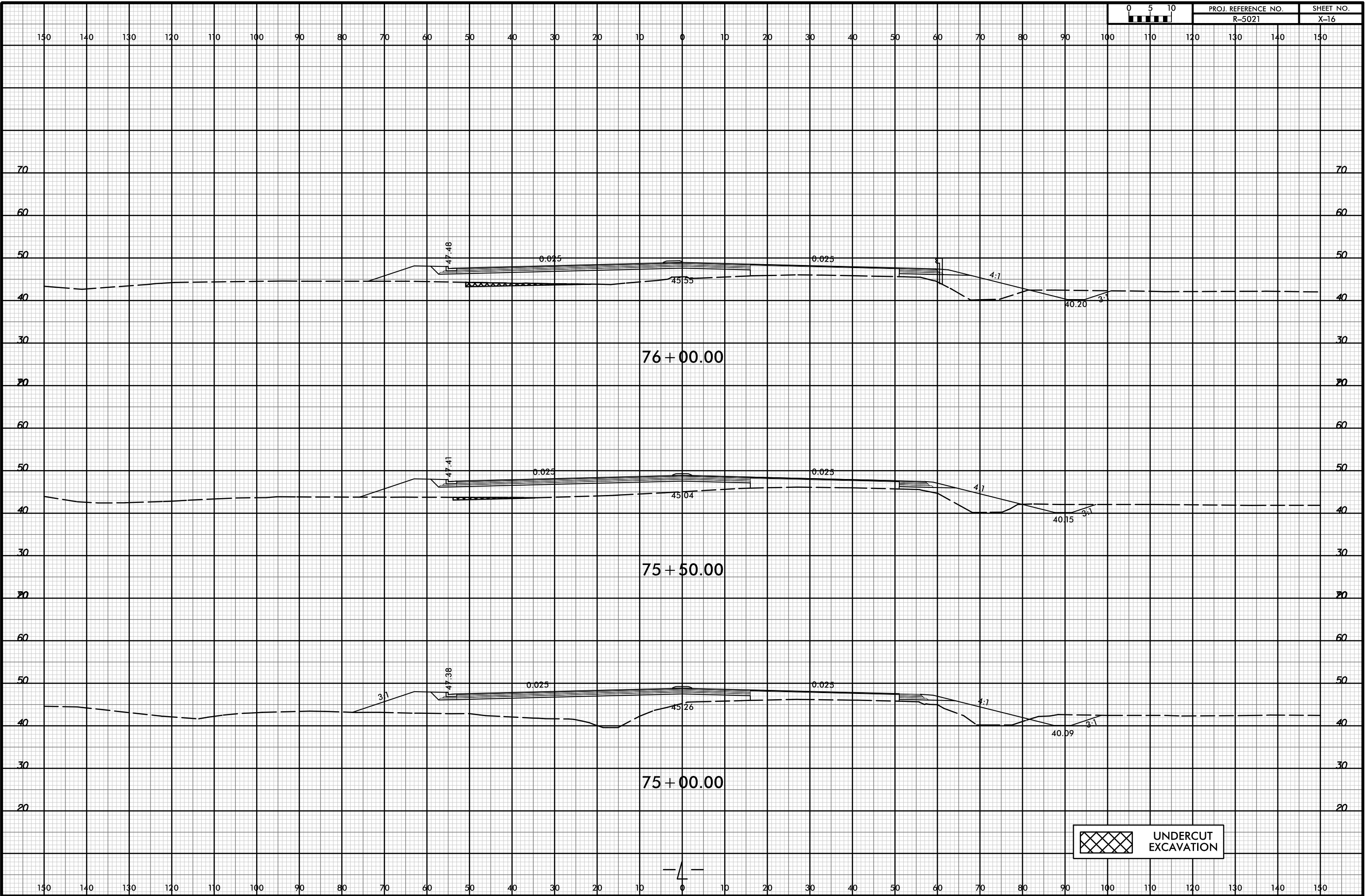


PROJ. REFERENCE NO. R-5021 SHEET NO. X-15



UNDERCUT EXCAVATION

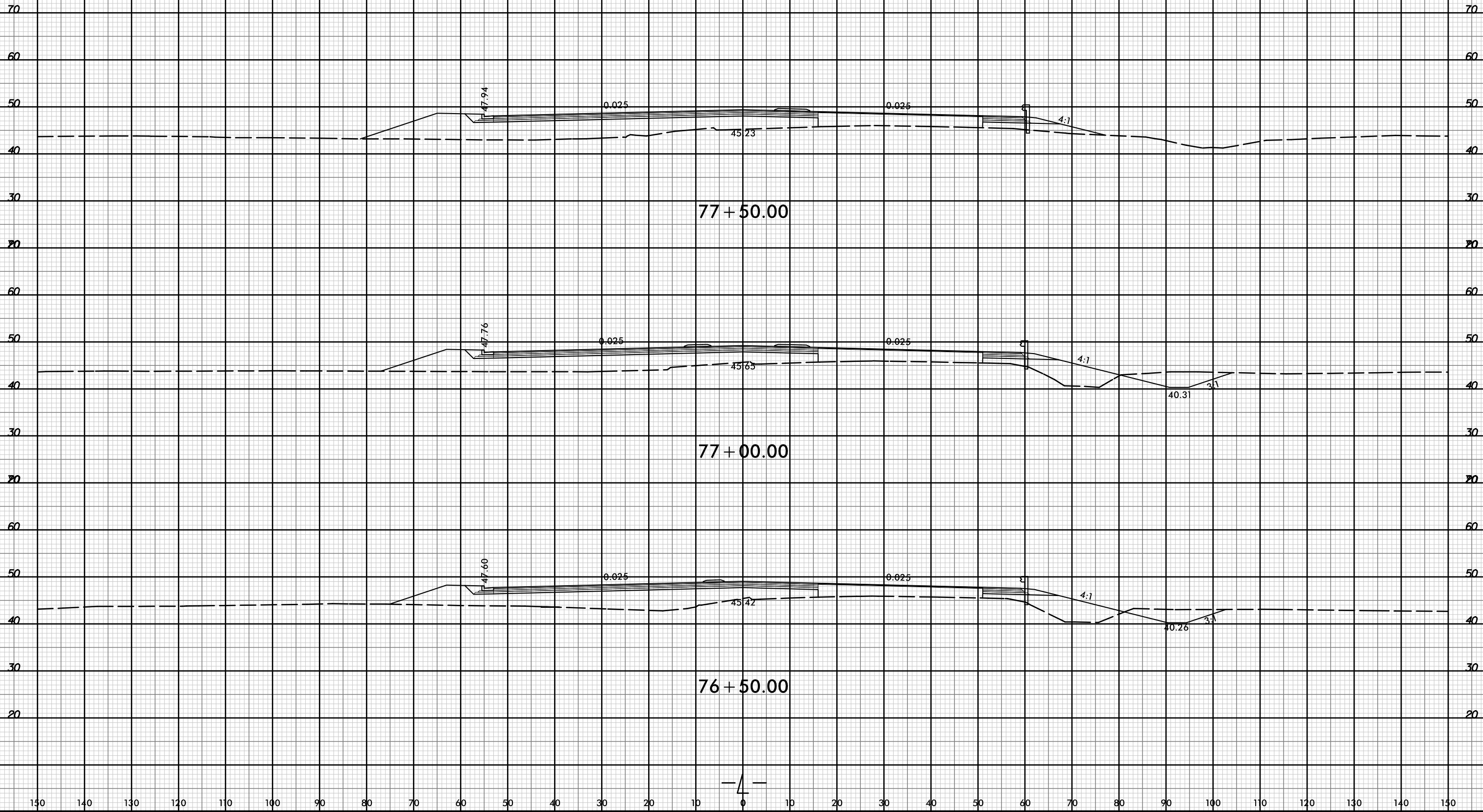
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UNDERCUT EXCAVATION



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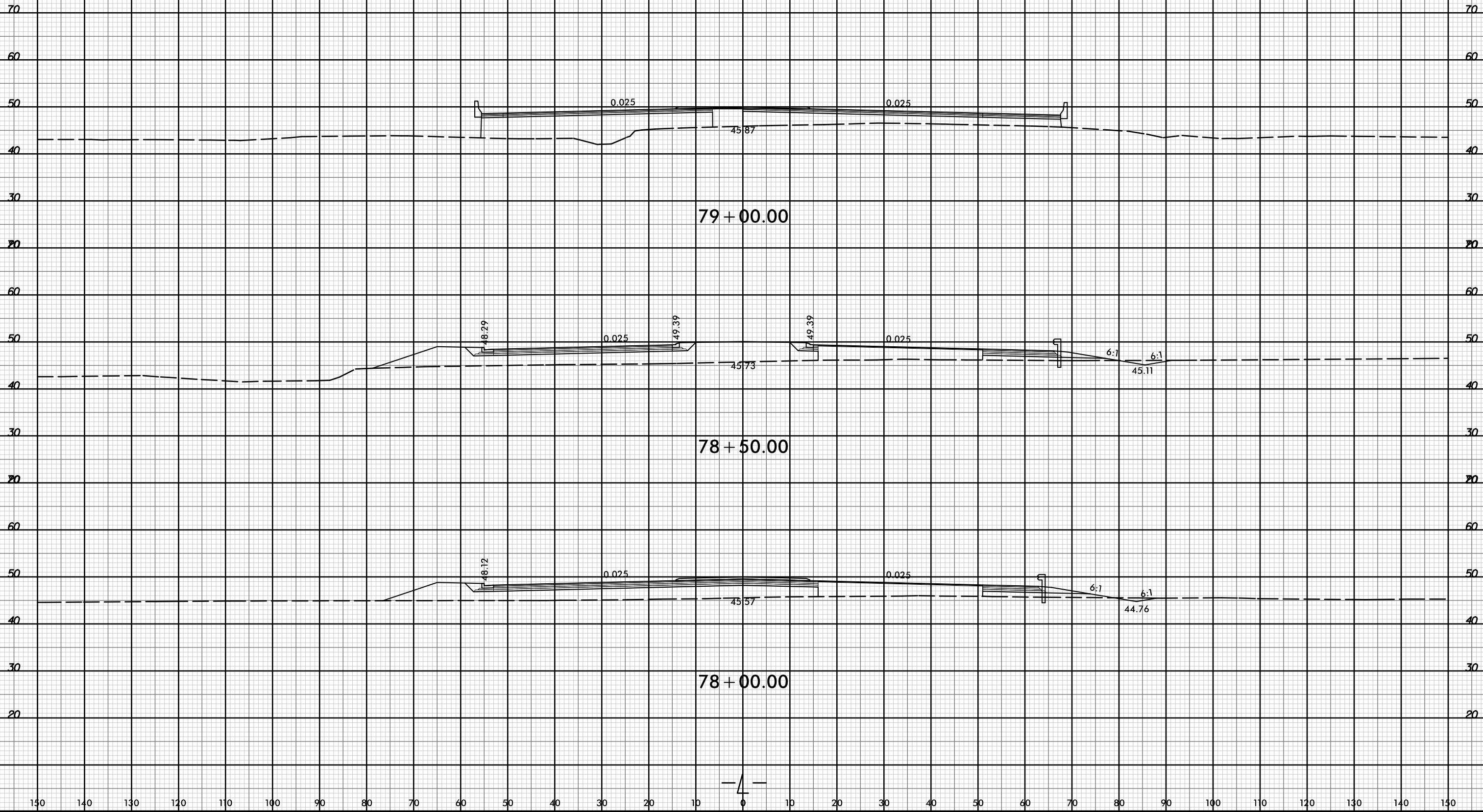
8/23/99



PROJ. REFERENCE NO.  
R-5021

SHEET NO.  
X-18

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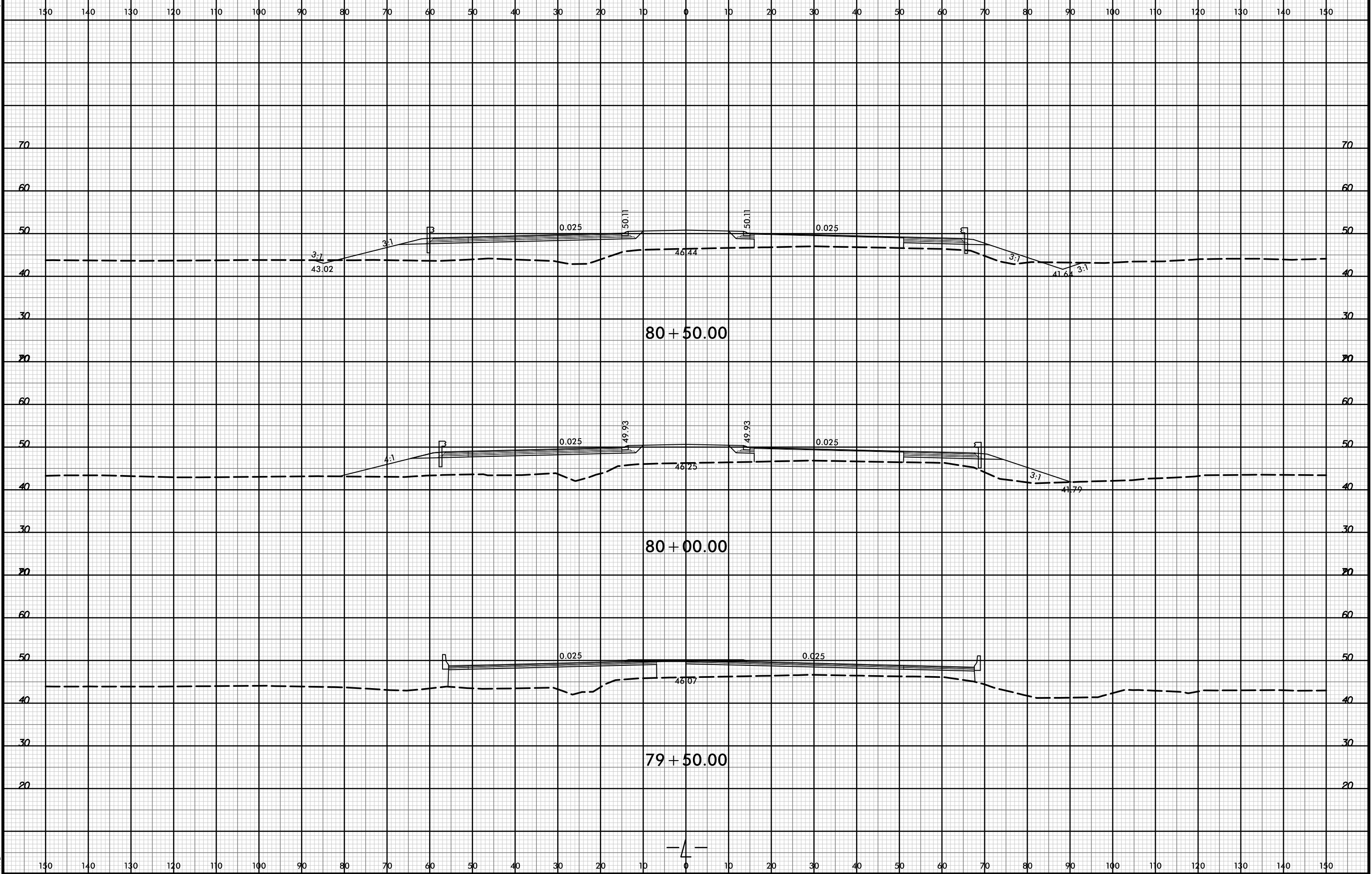
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PROJ. REFERENCE NO. R-5021 SHEET NO. X-19

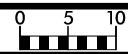


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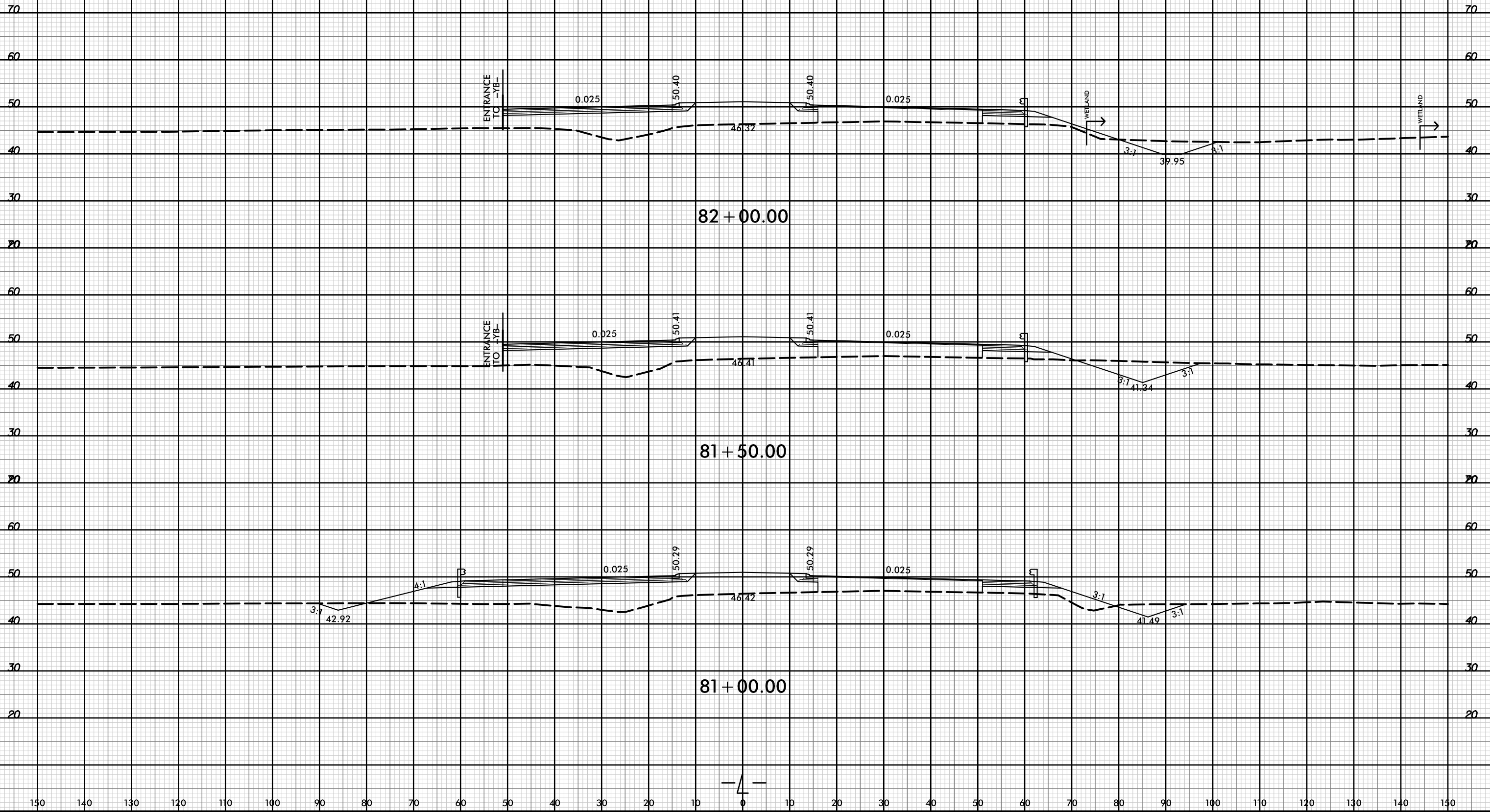
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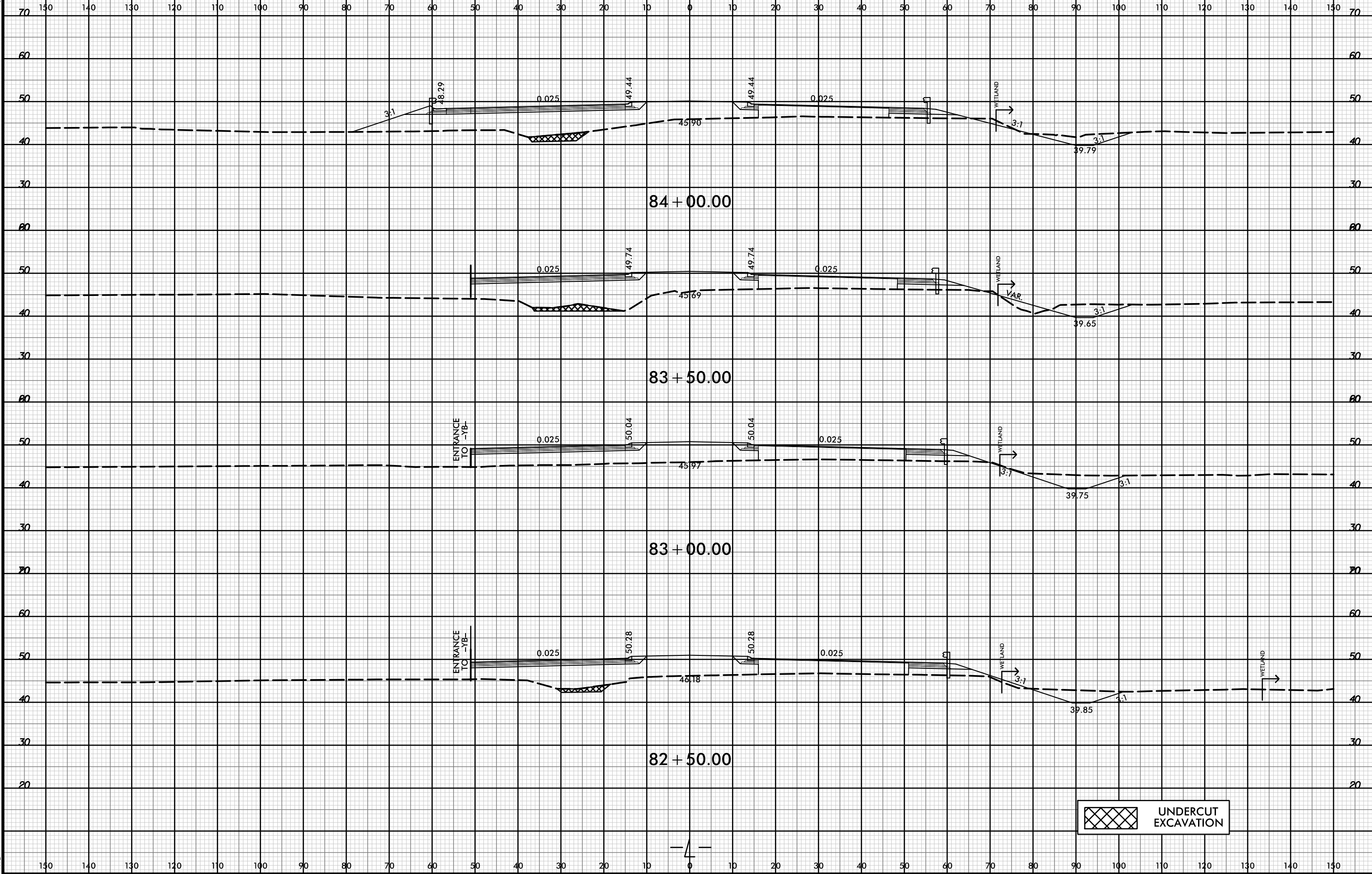
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X-20

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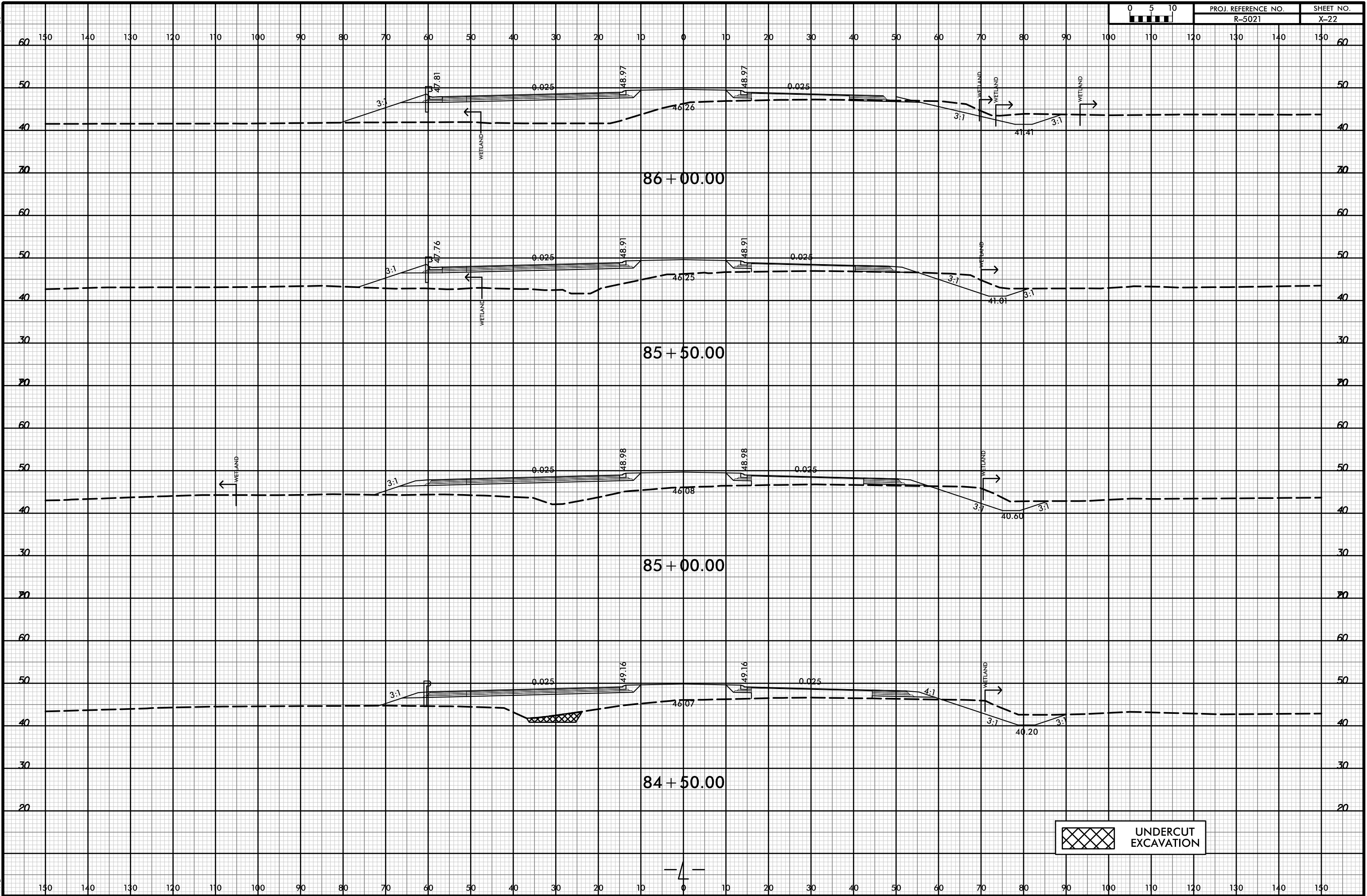


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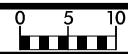


 UNDERCUT EXCAVATION



 UNDERCUT EXCAVATION

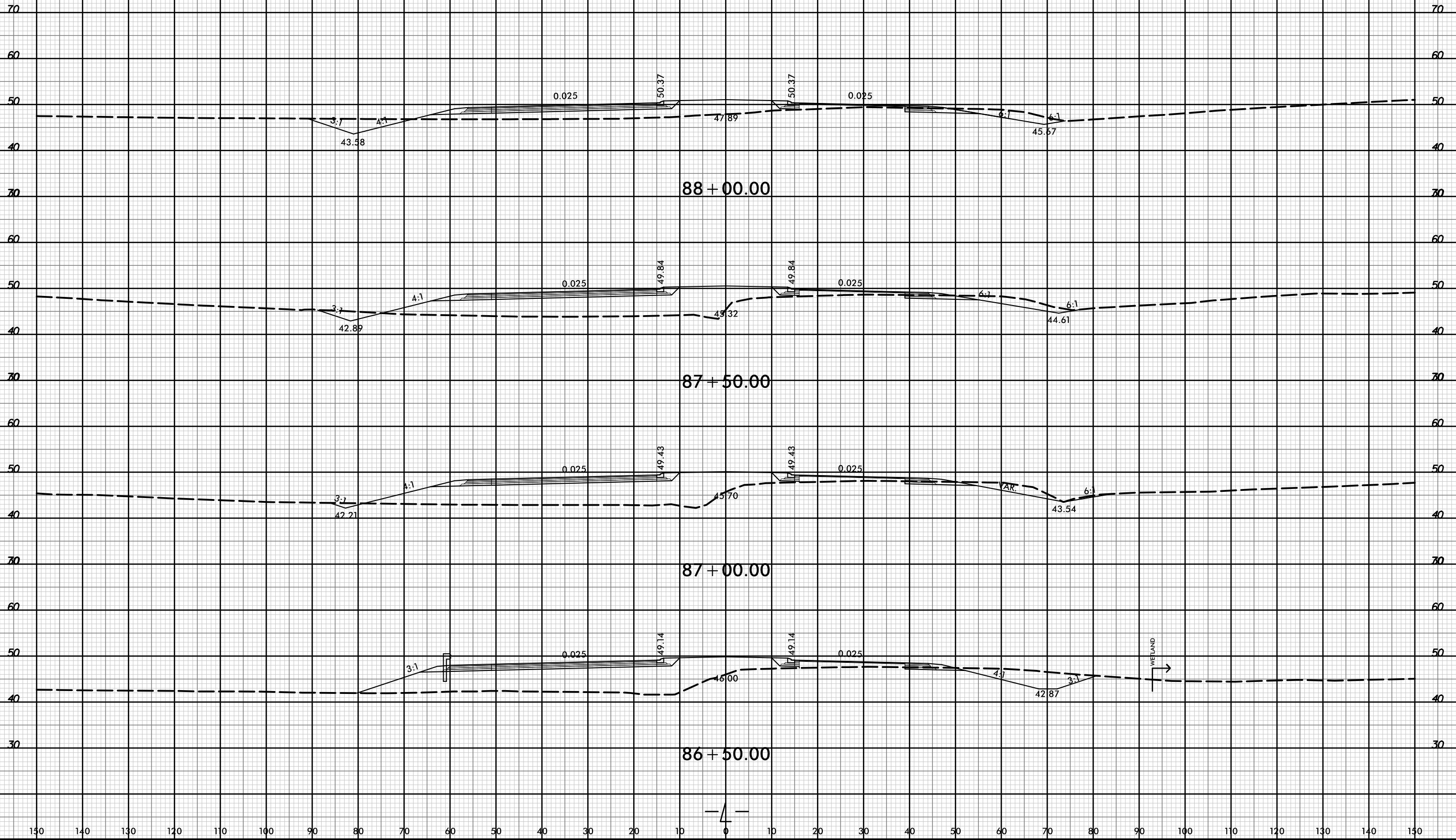
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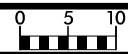
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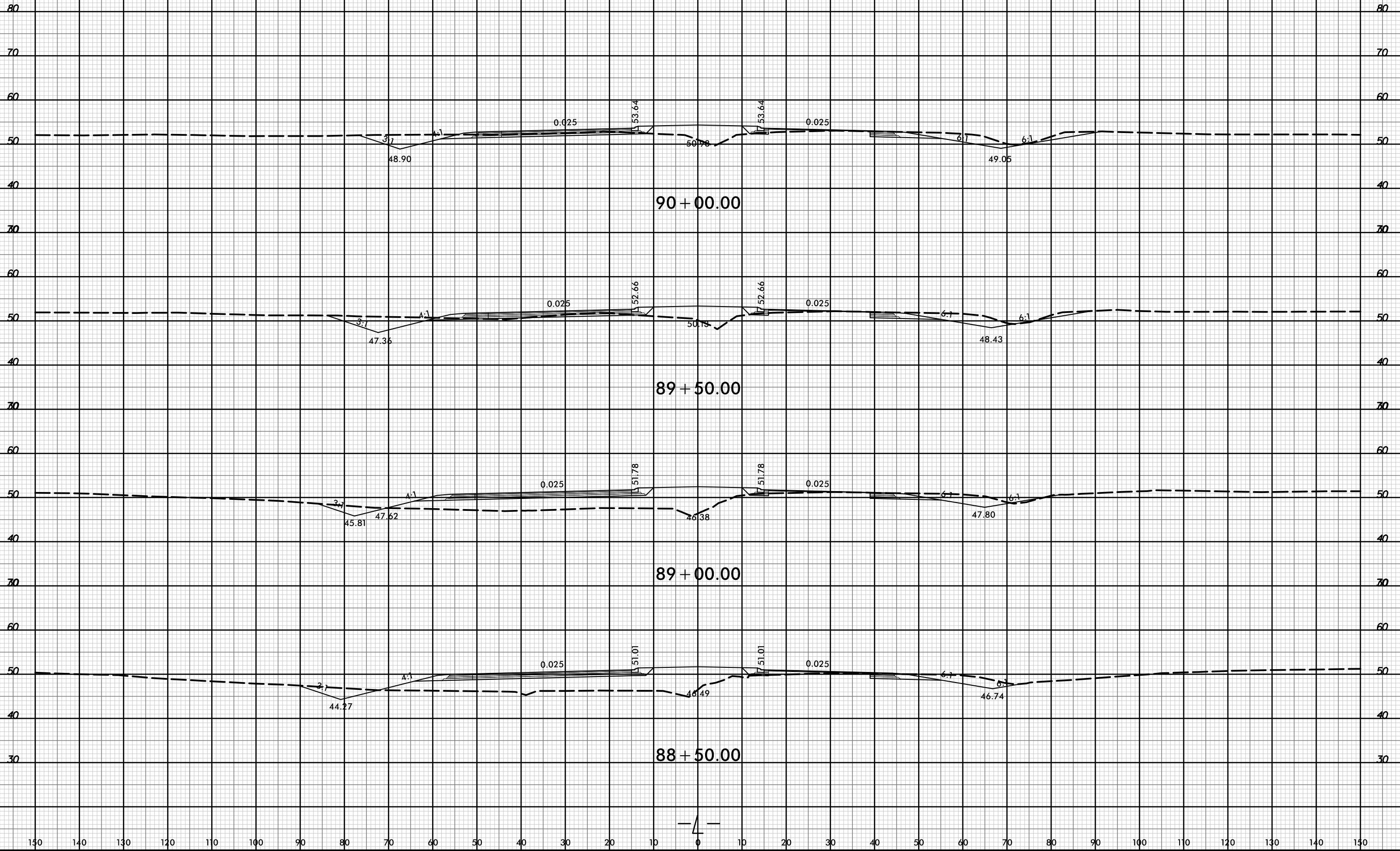


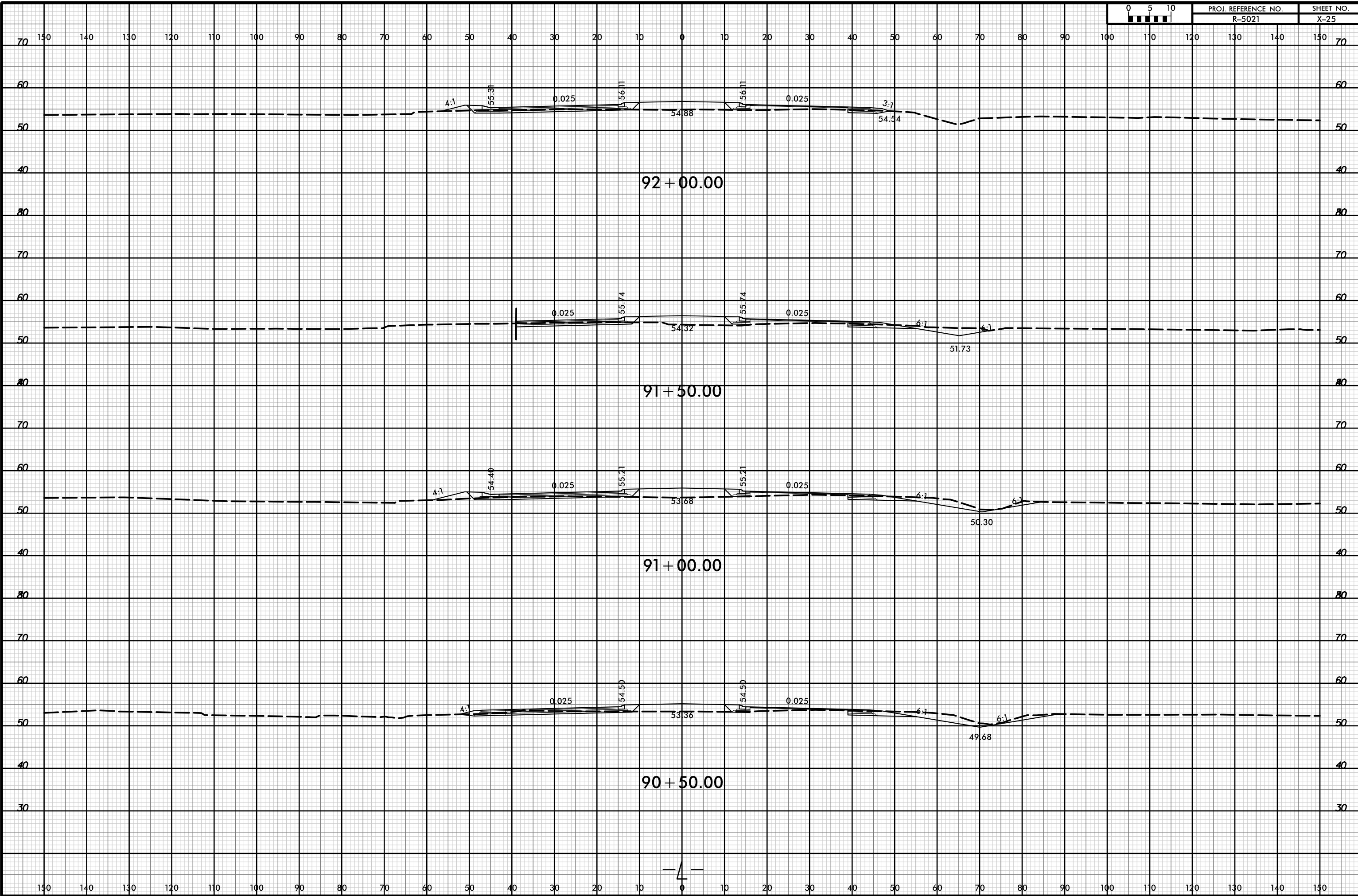
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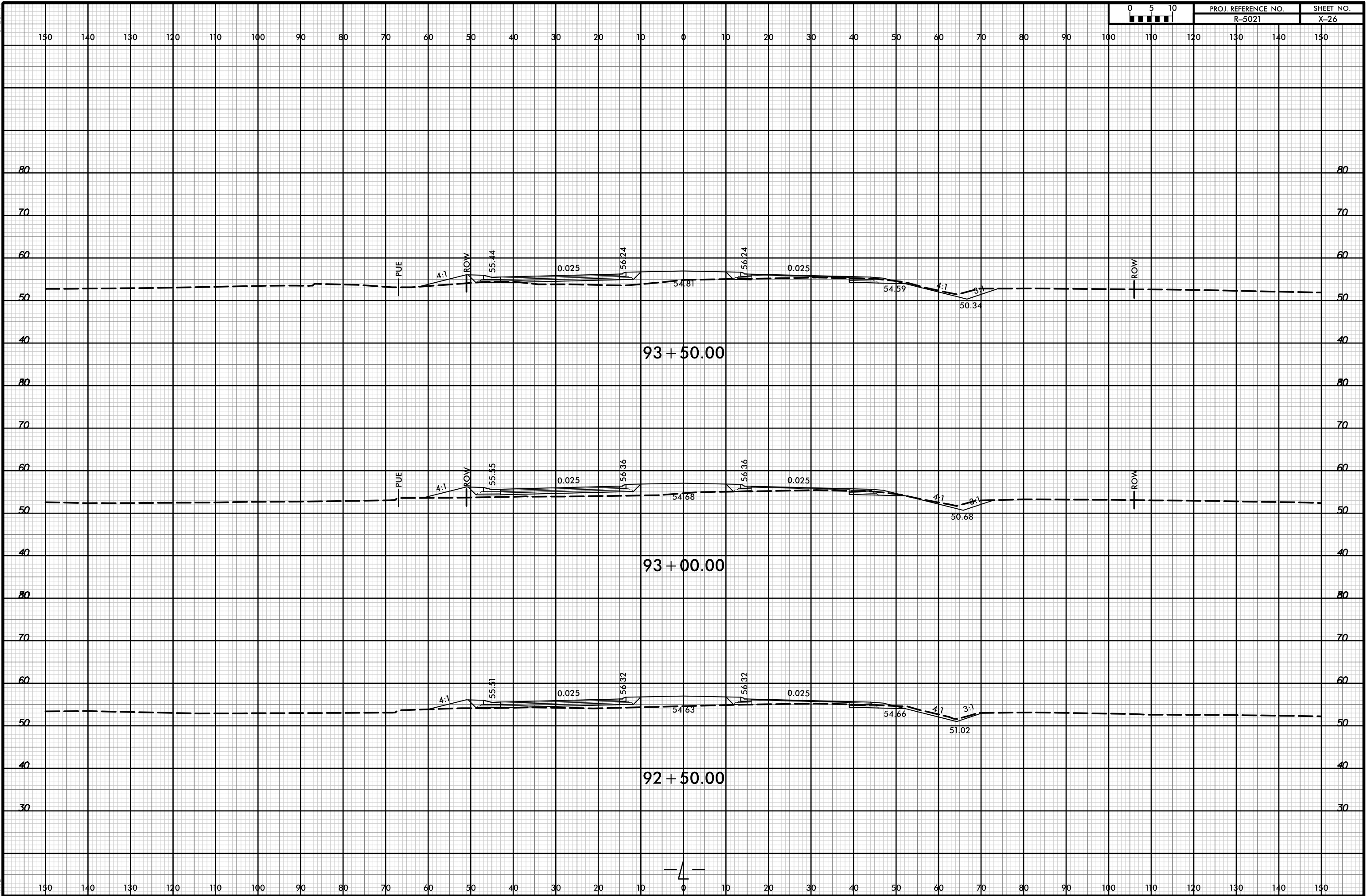


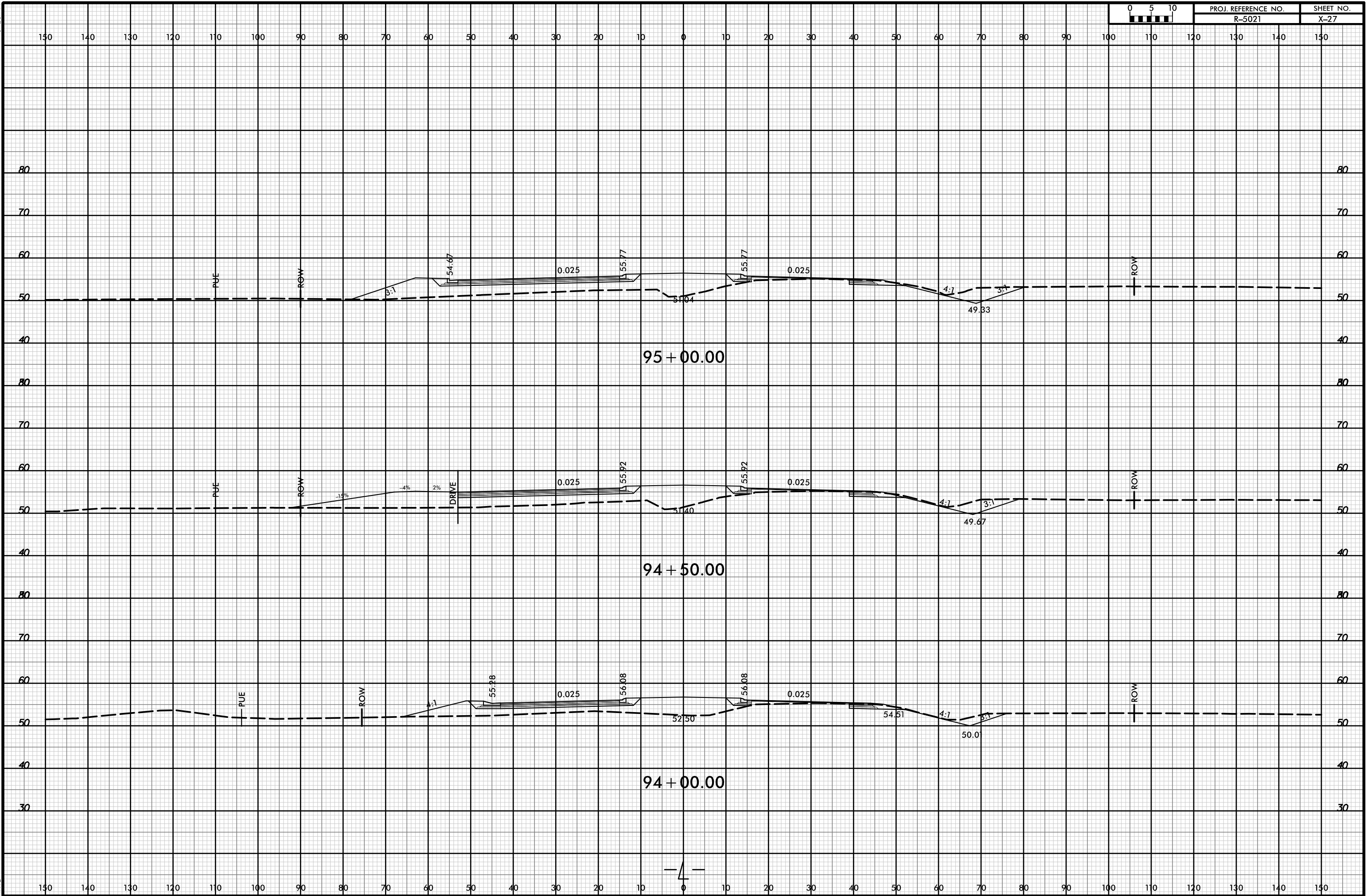


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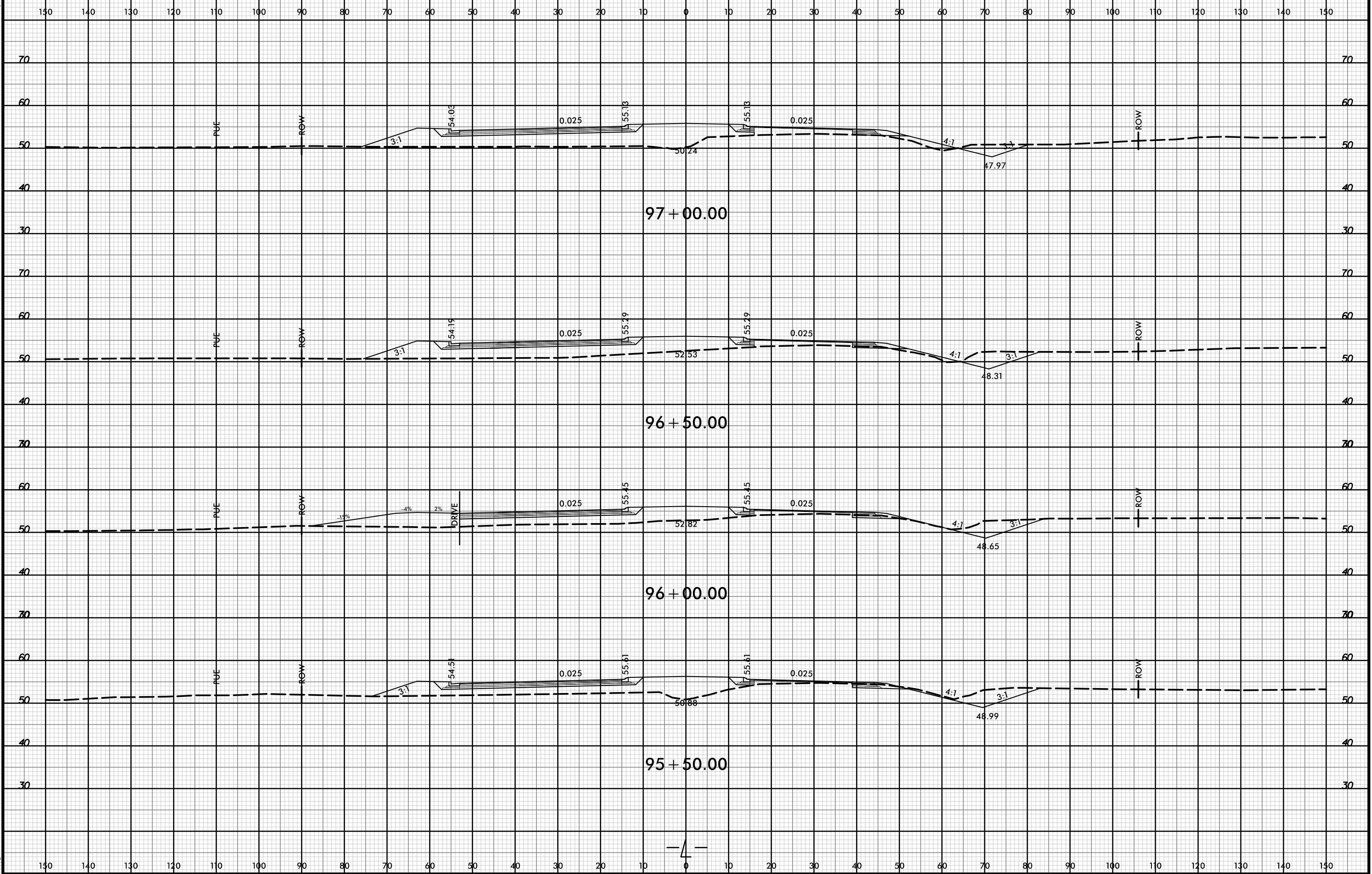


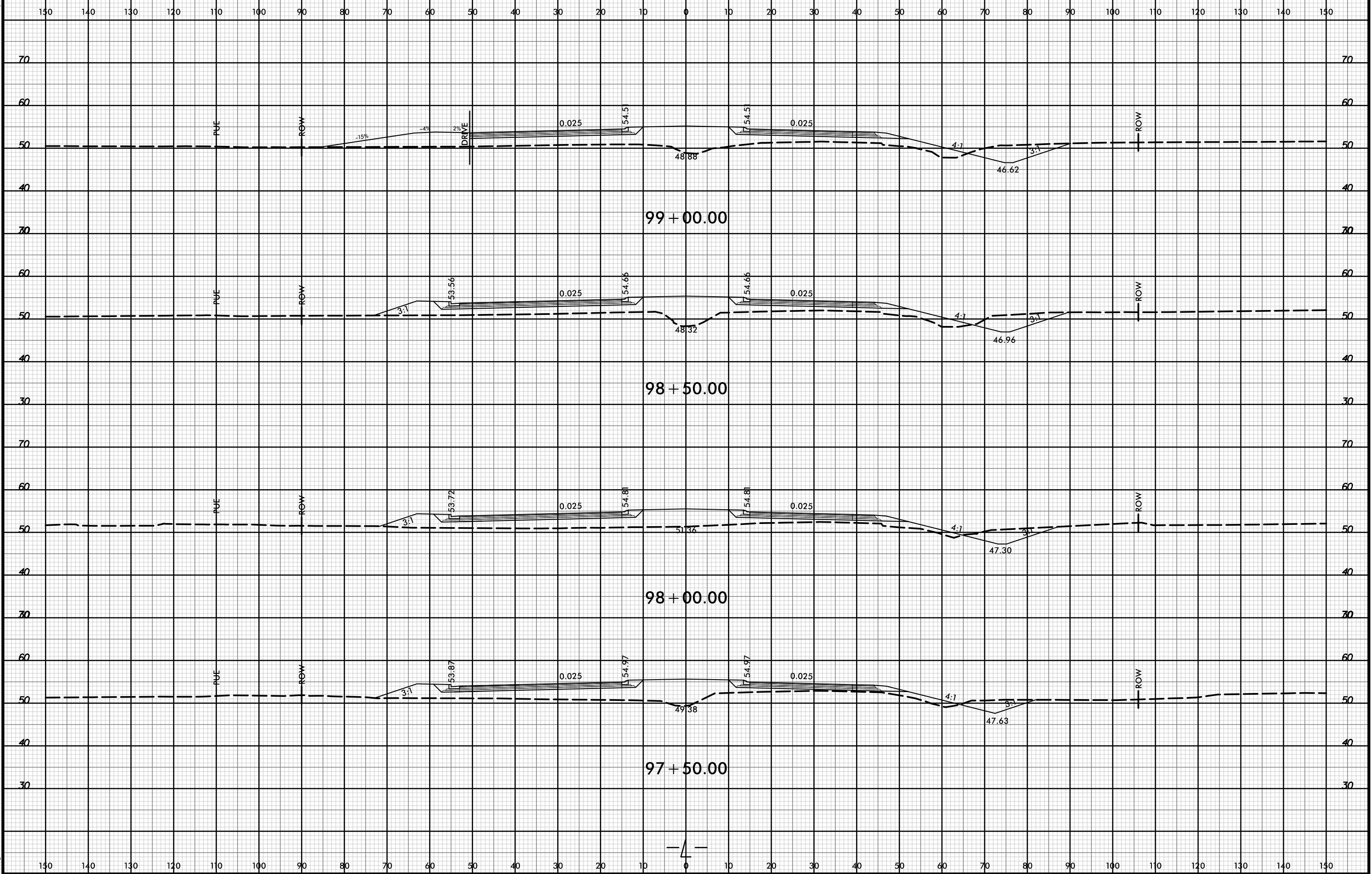


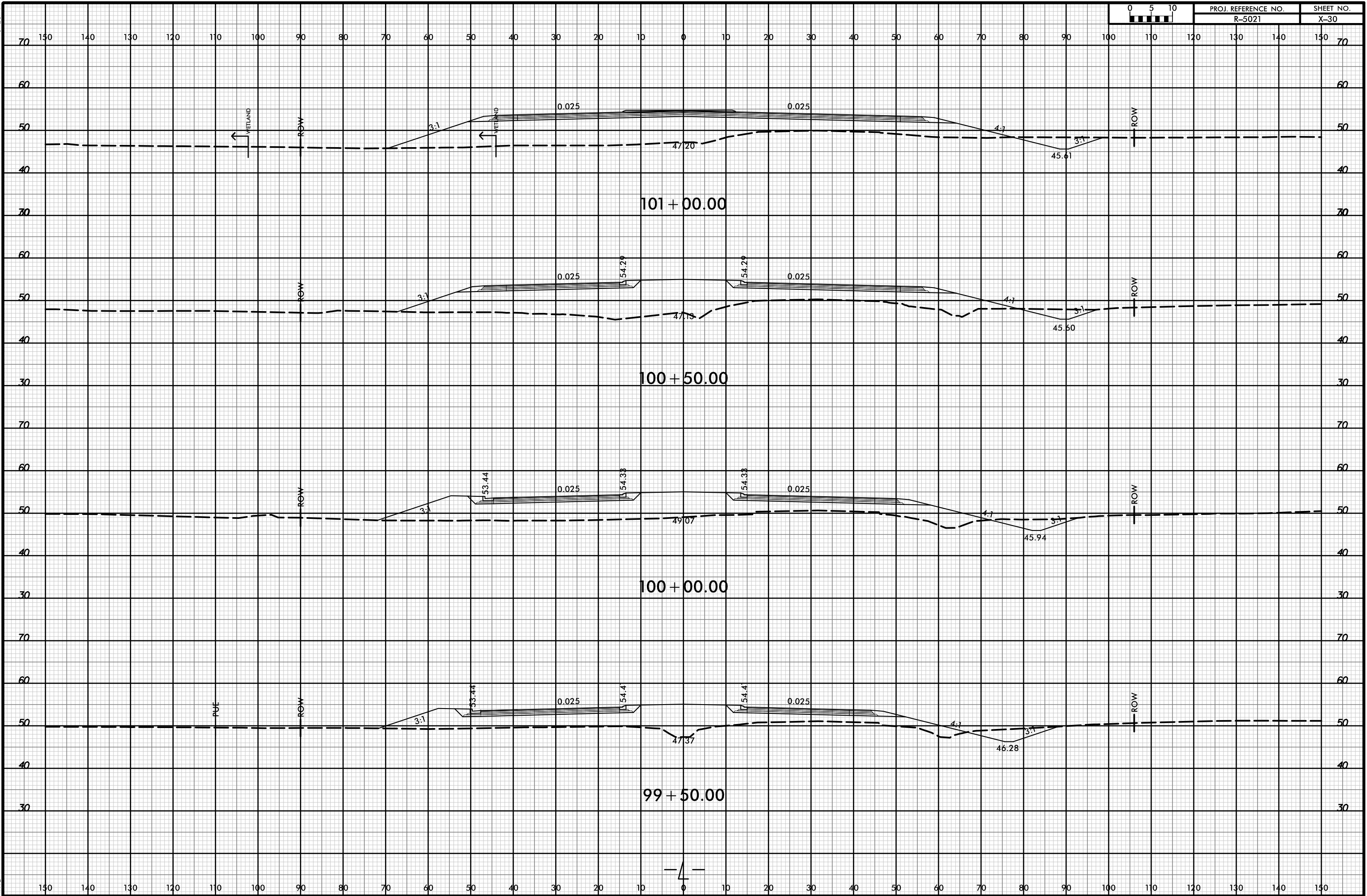


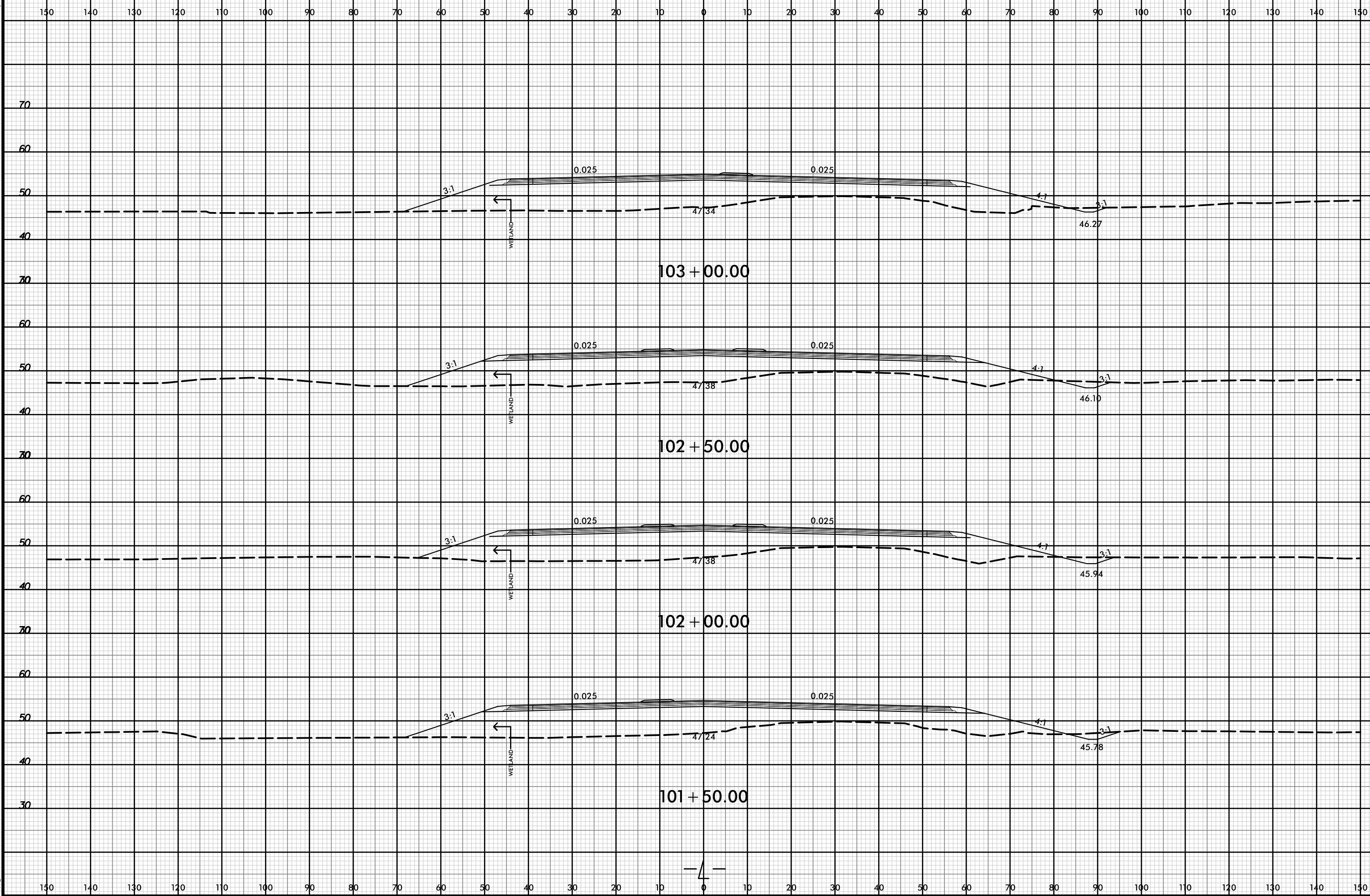


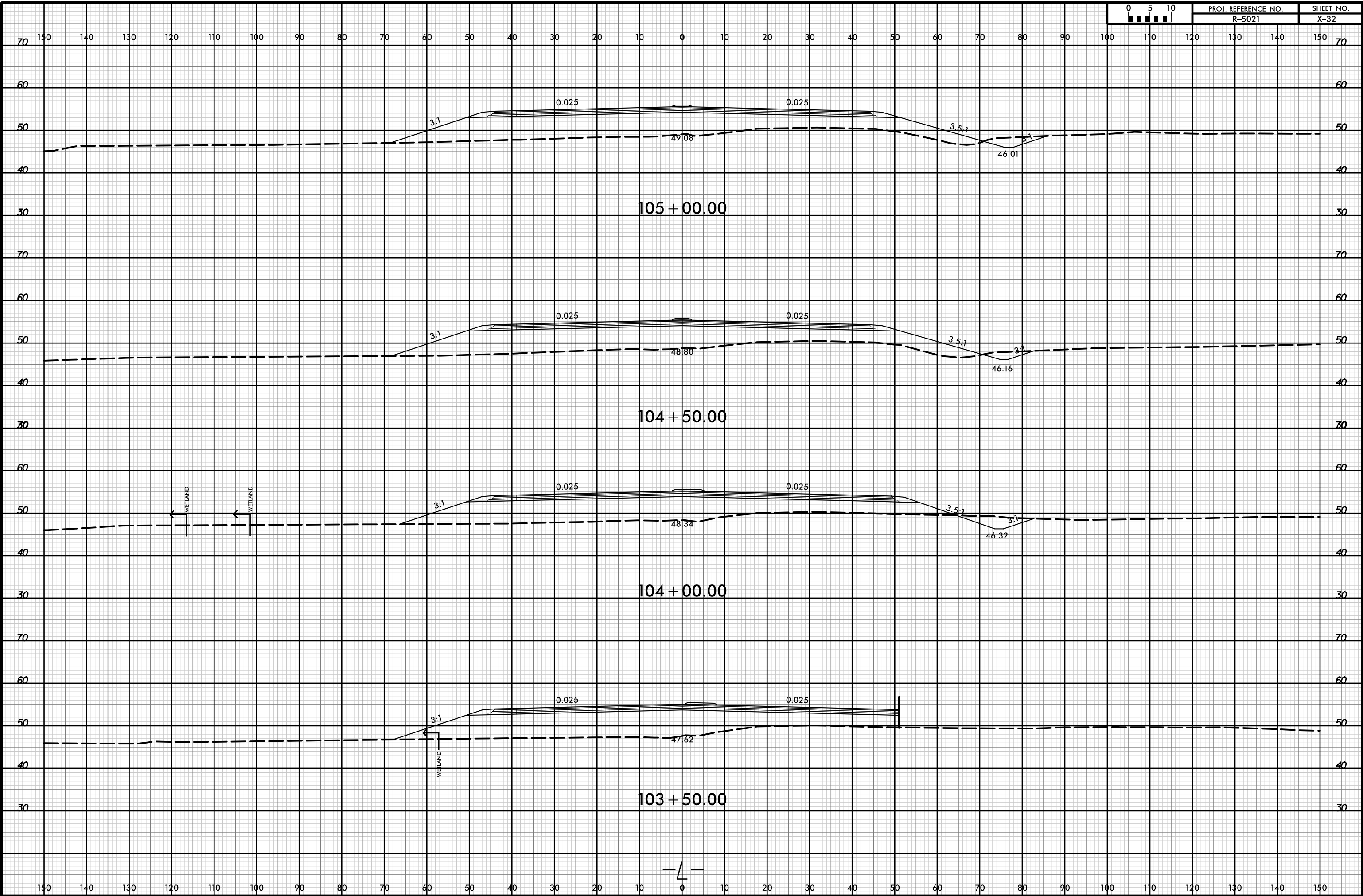


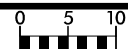




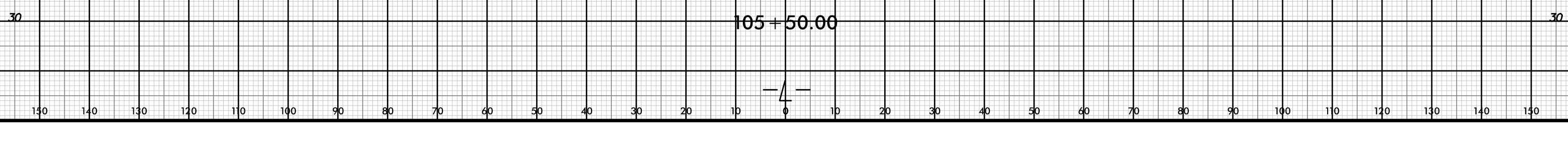
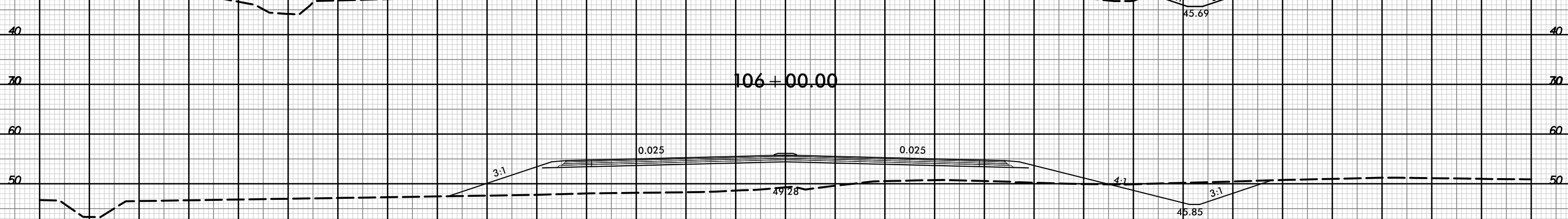
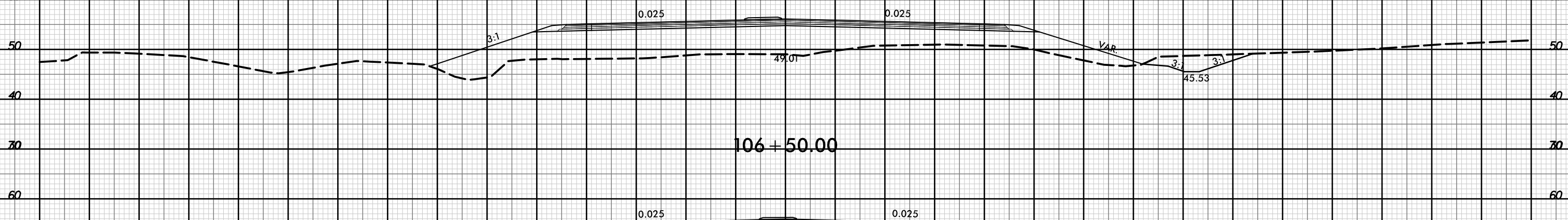
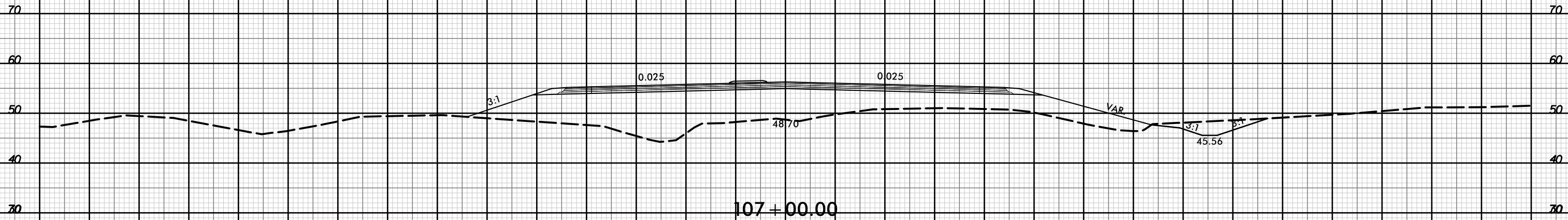


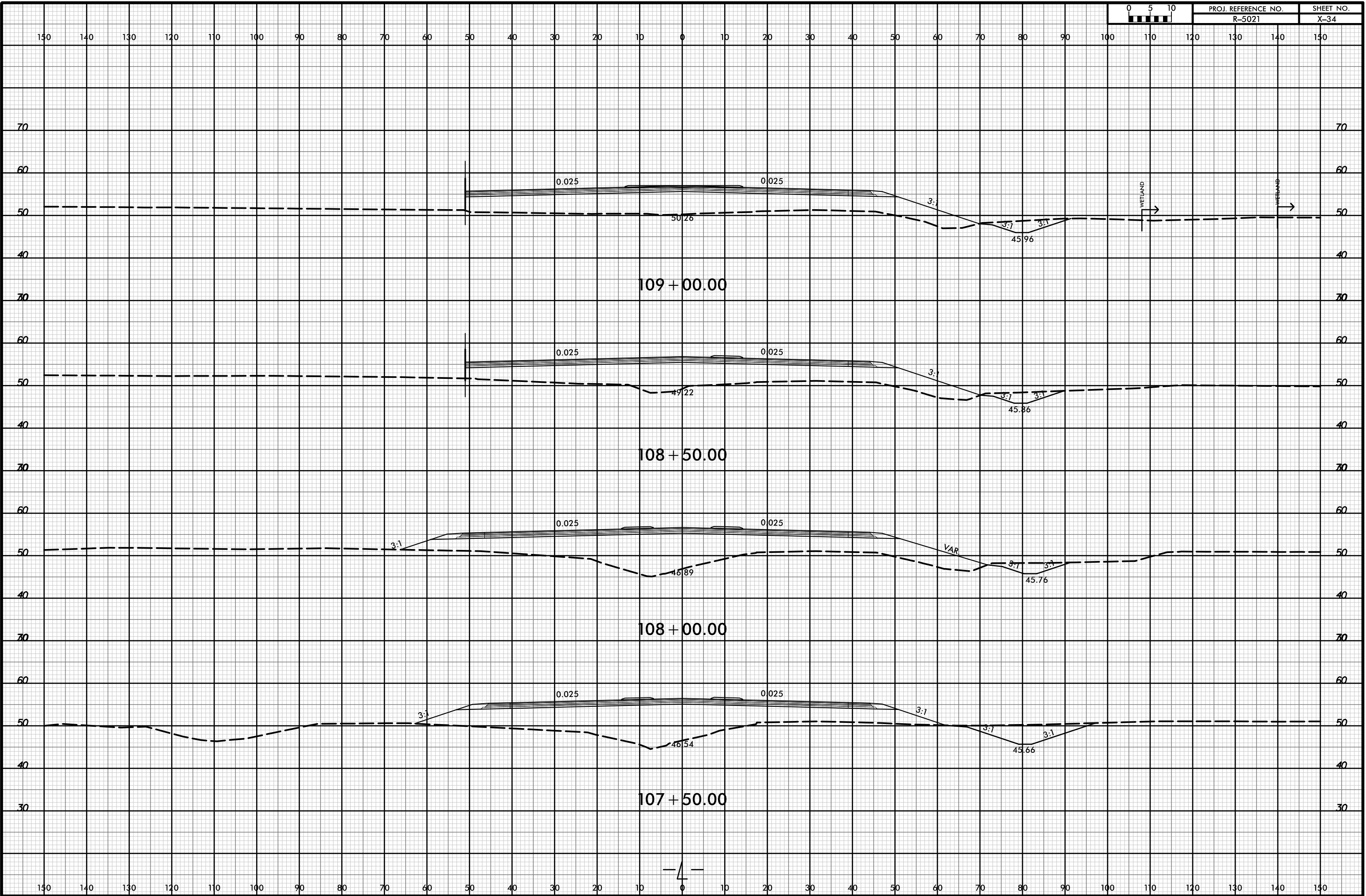


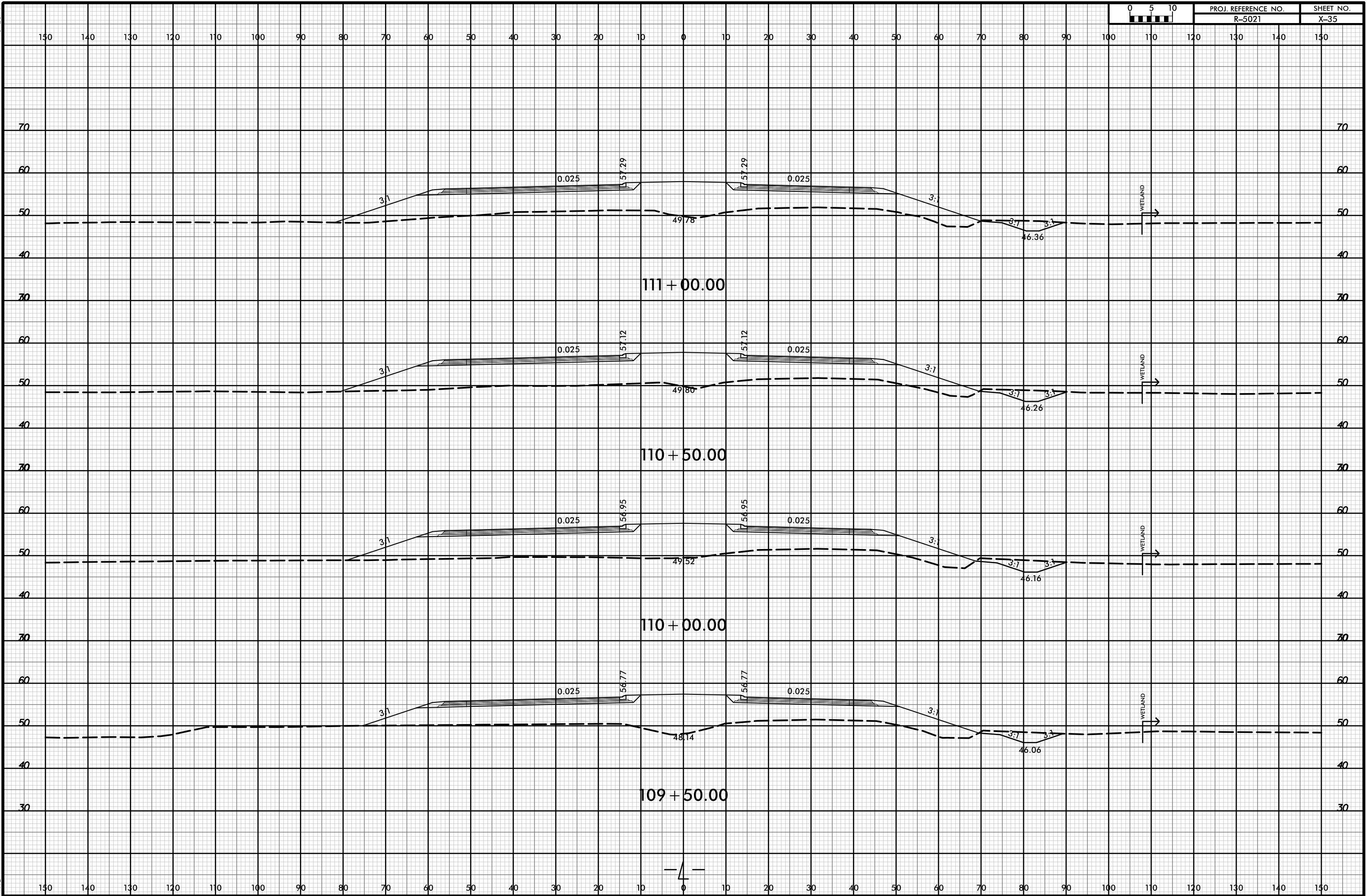




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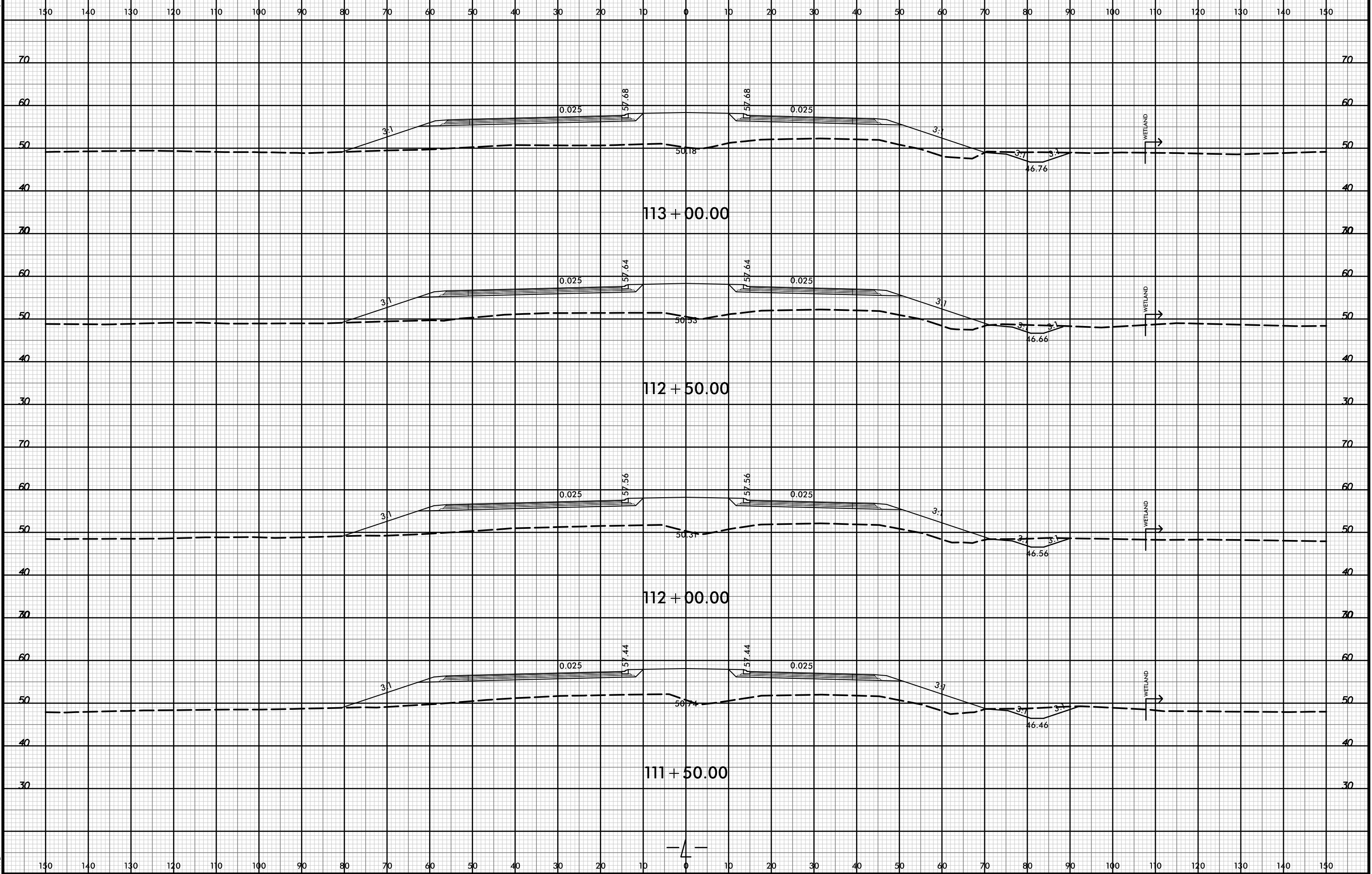




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PROJ. REFERENCE NO. R-5021 SHEET NO. X-36

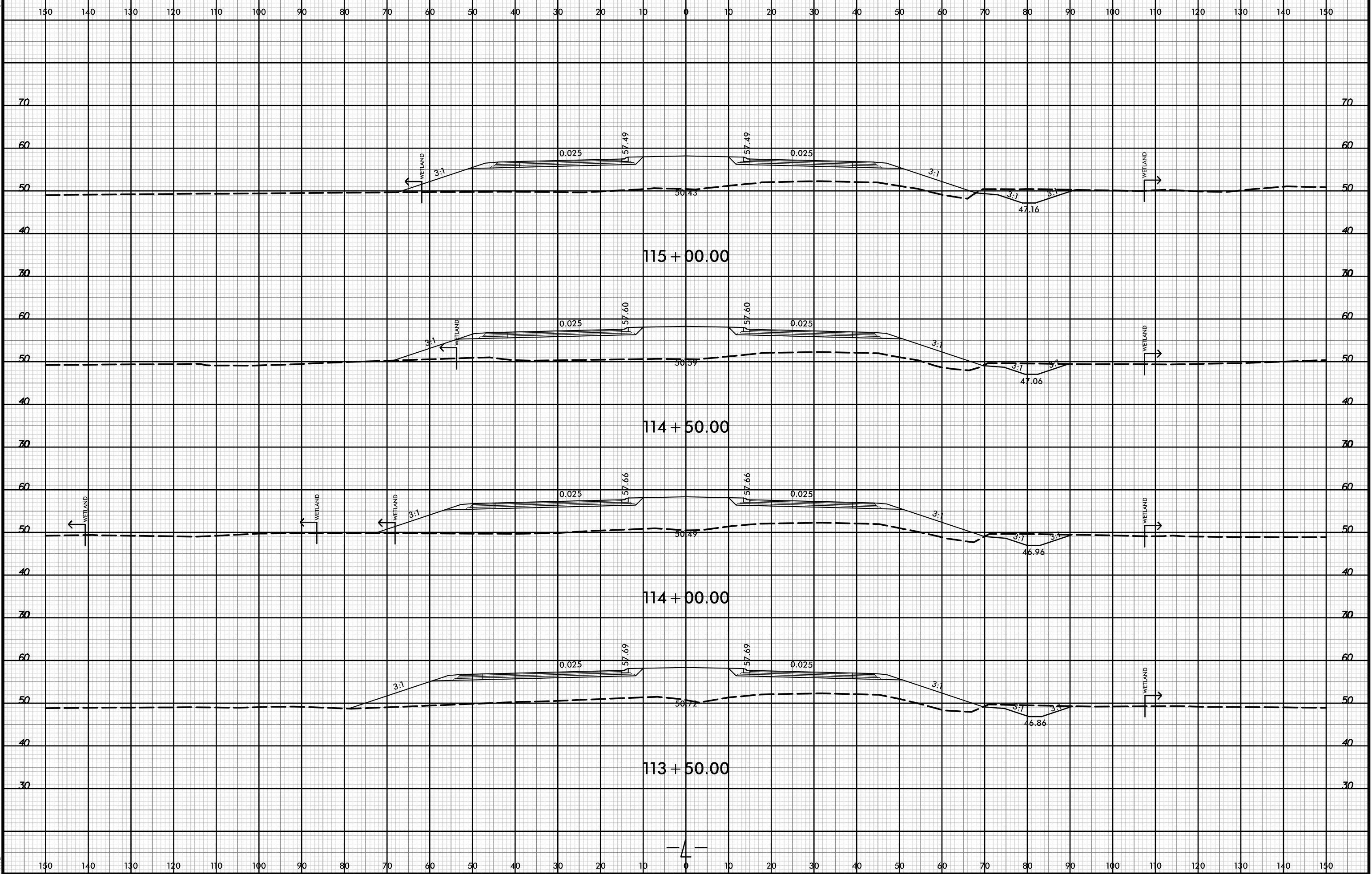


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PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-37

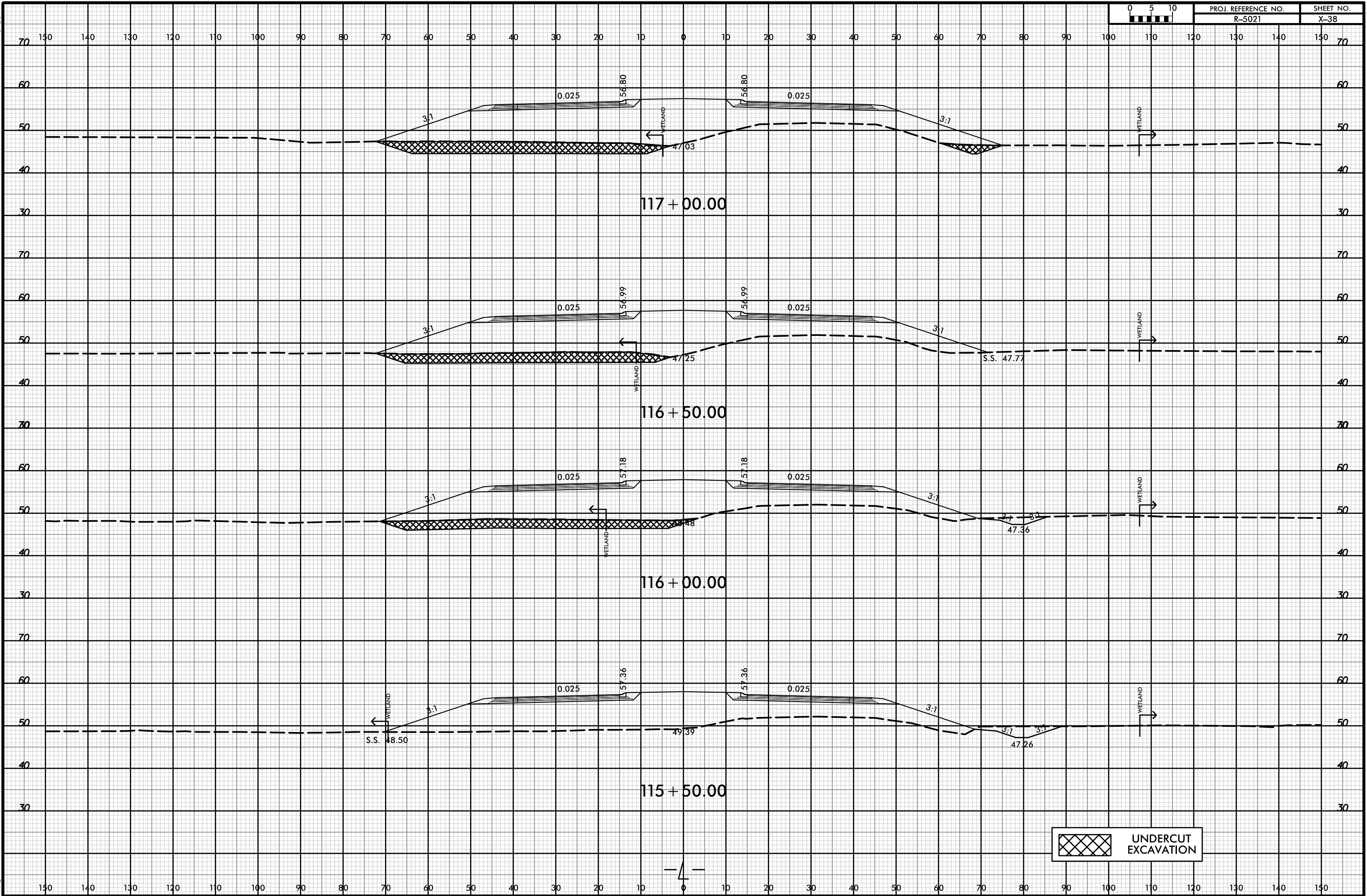


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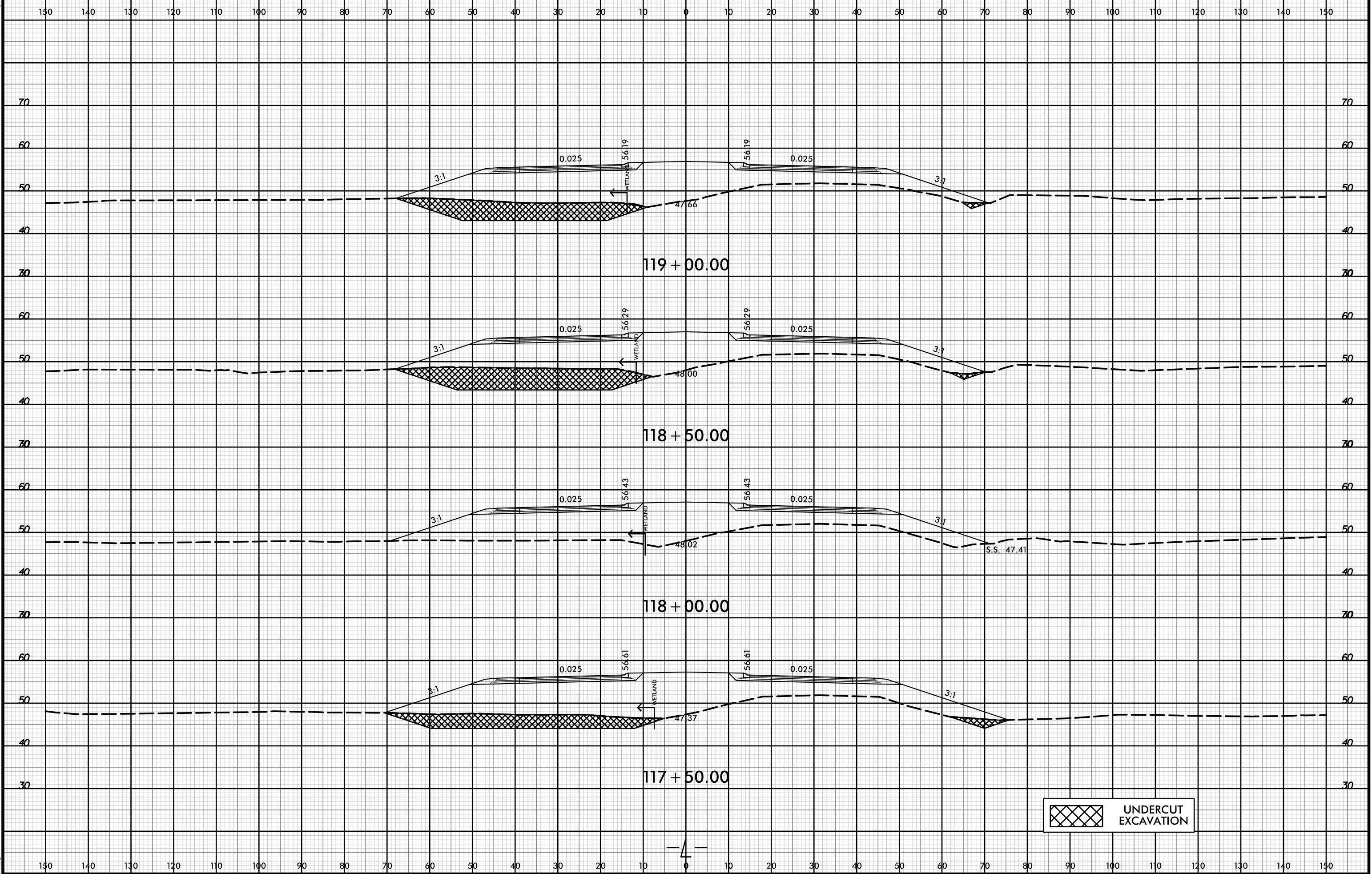


PROJ. REFERENCE NO. R-5021 SHEET NO. X-38

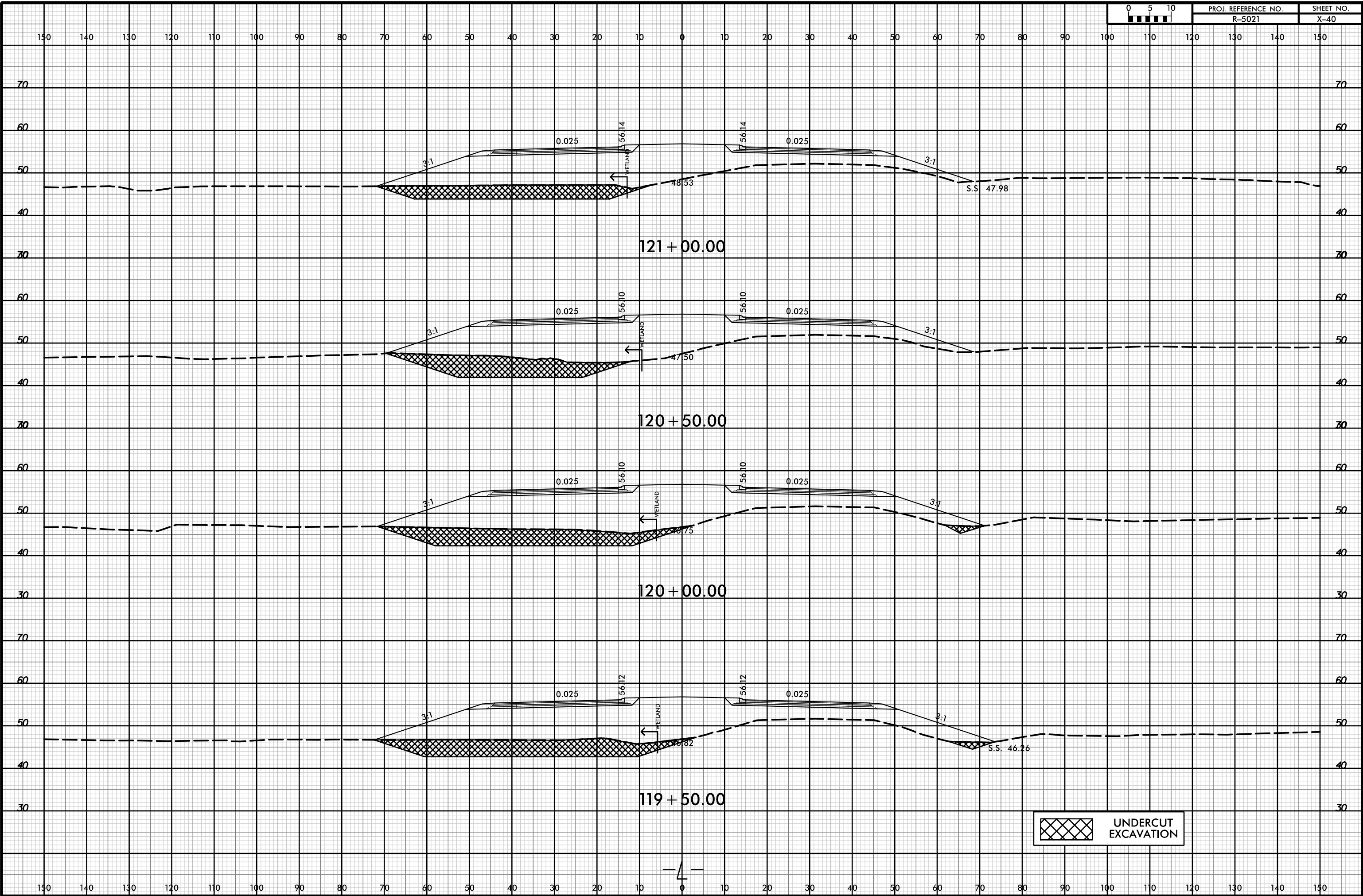


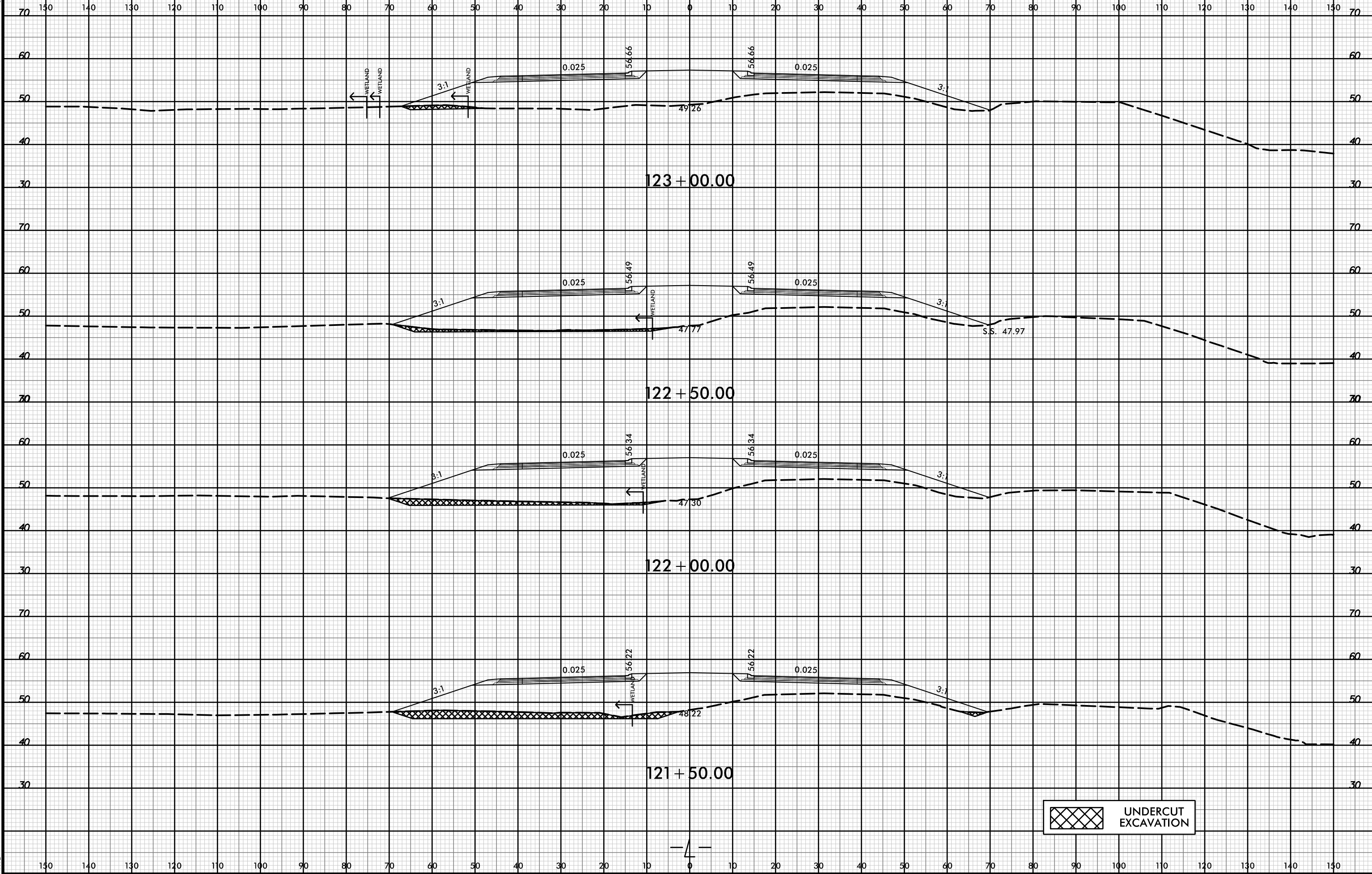
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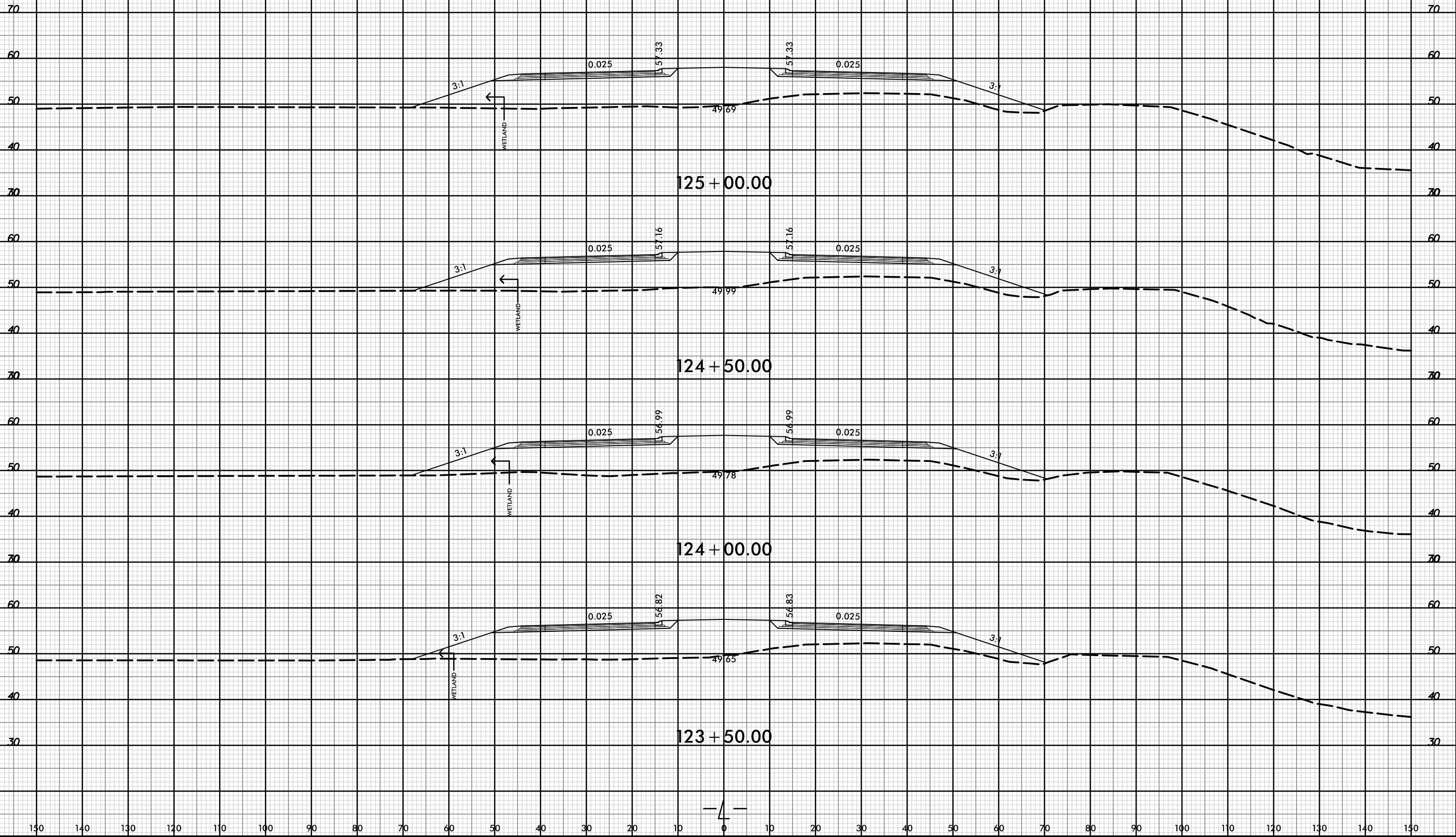
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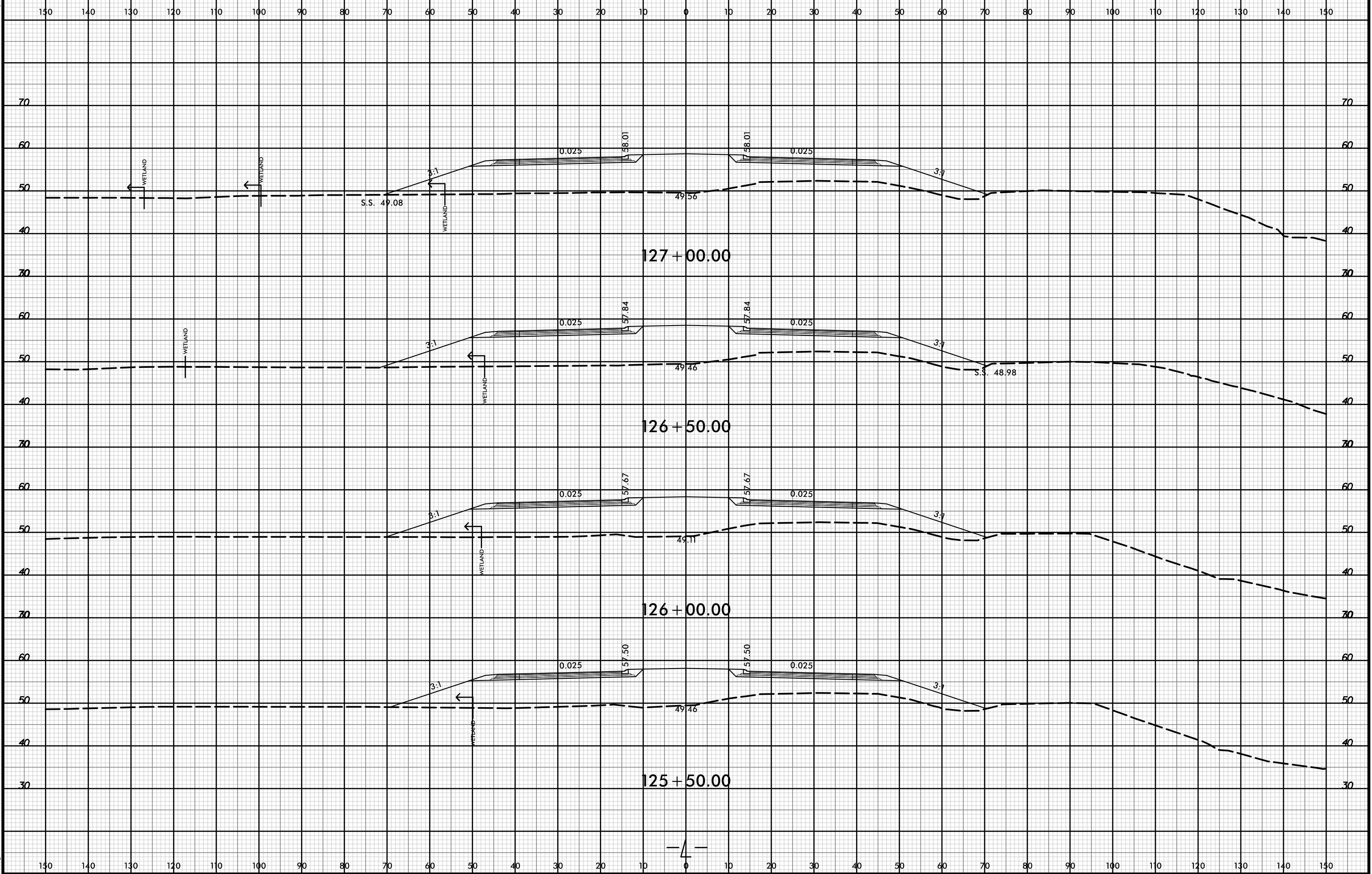
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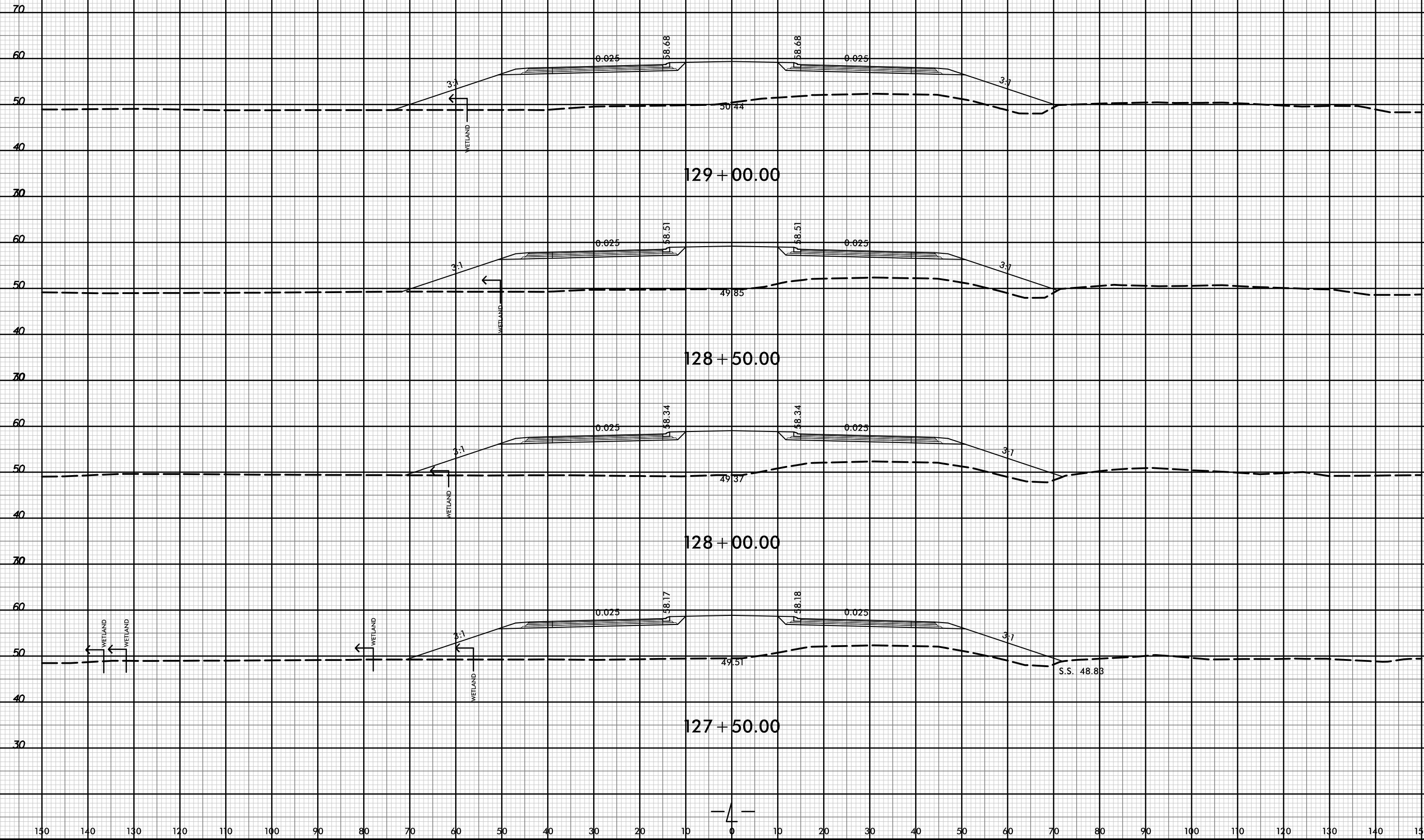
PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-43



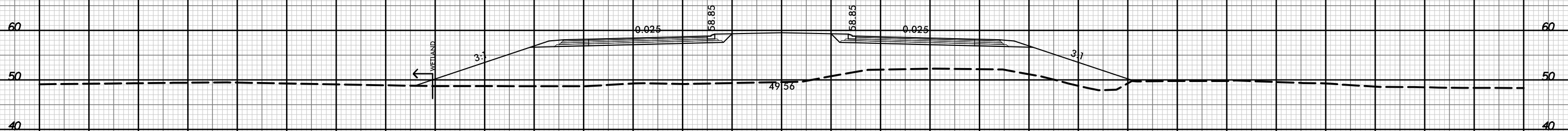
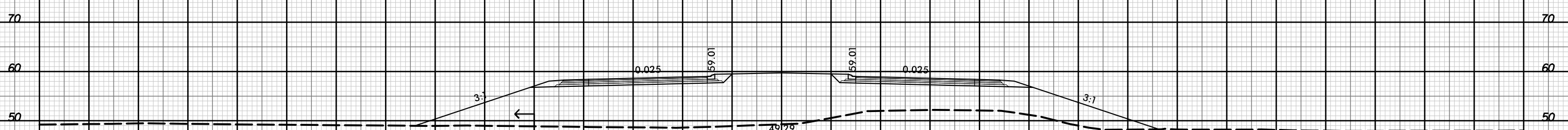
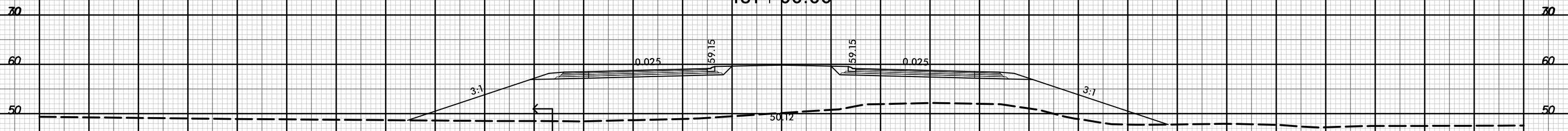
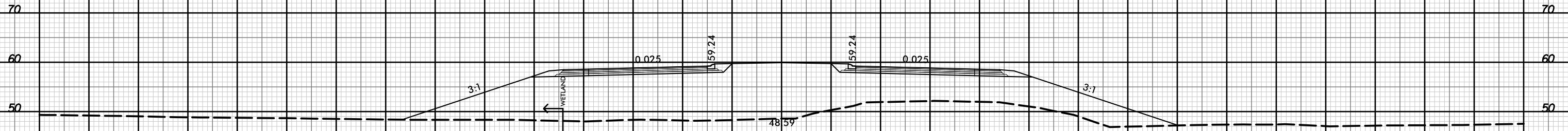
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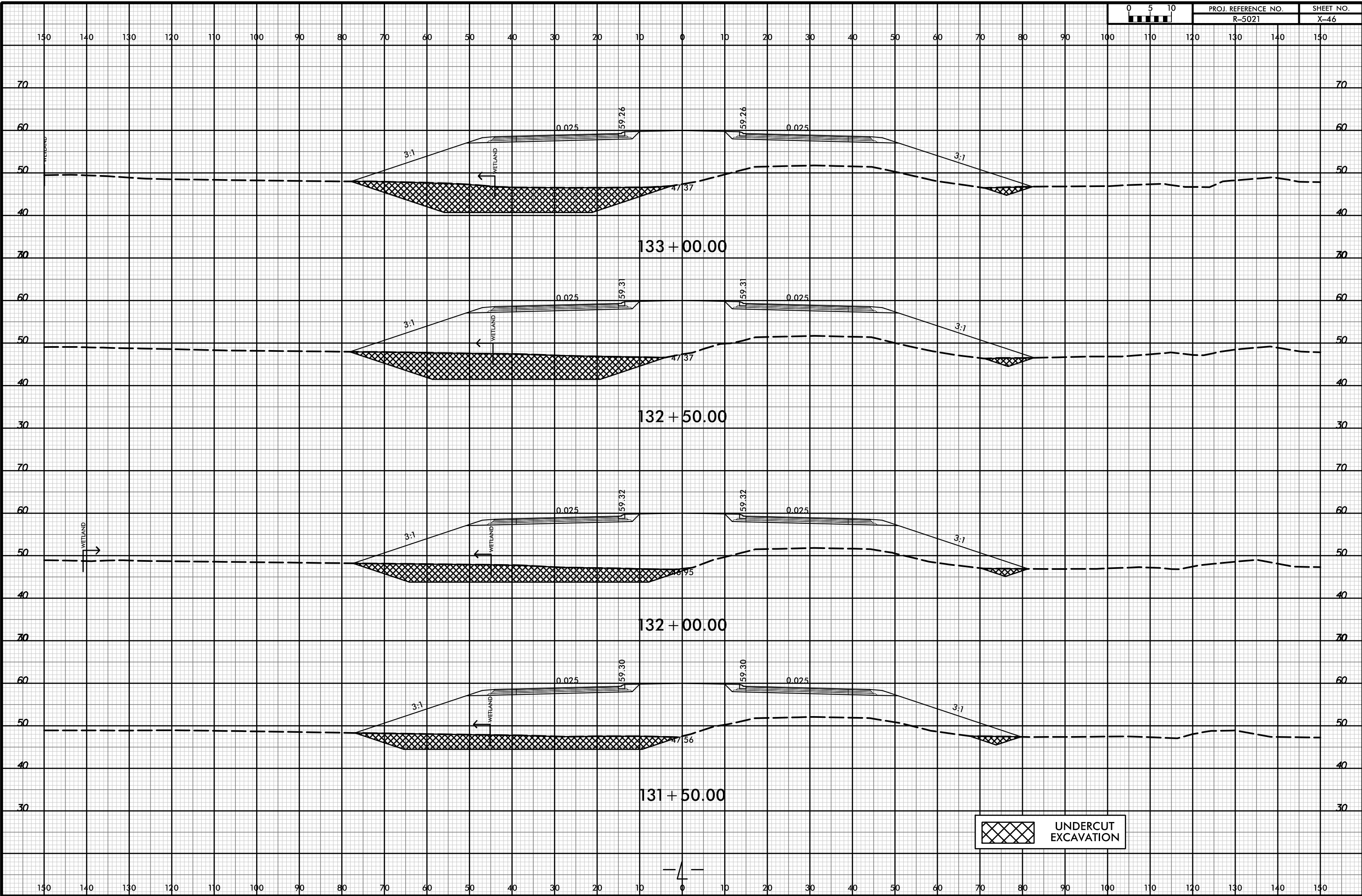
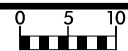
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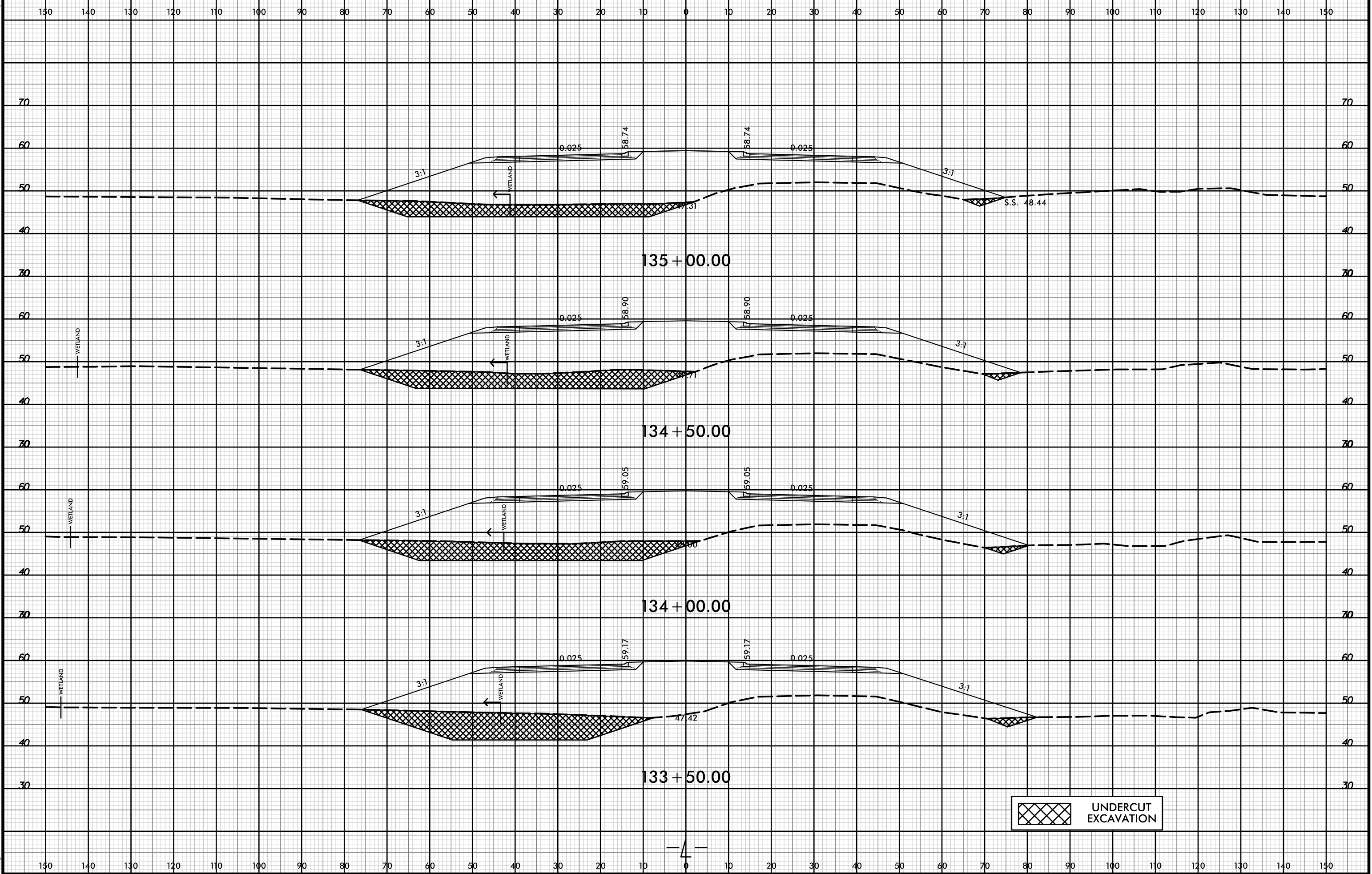


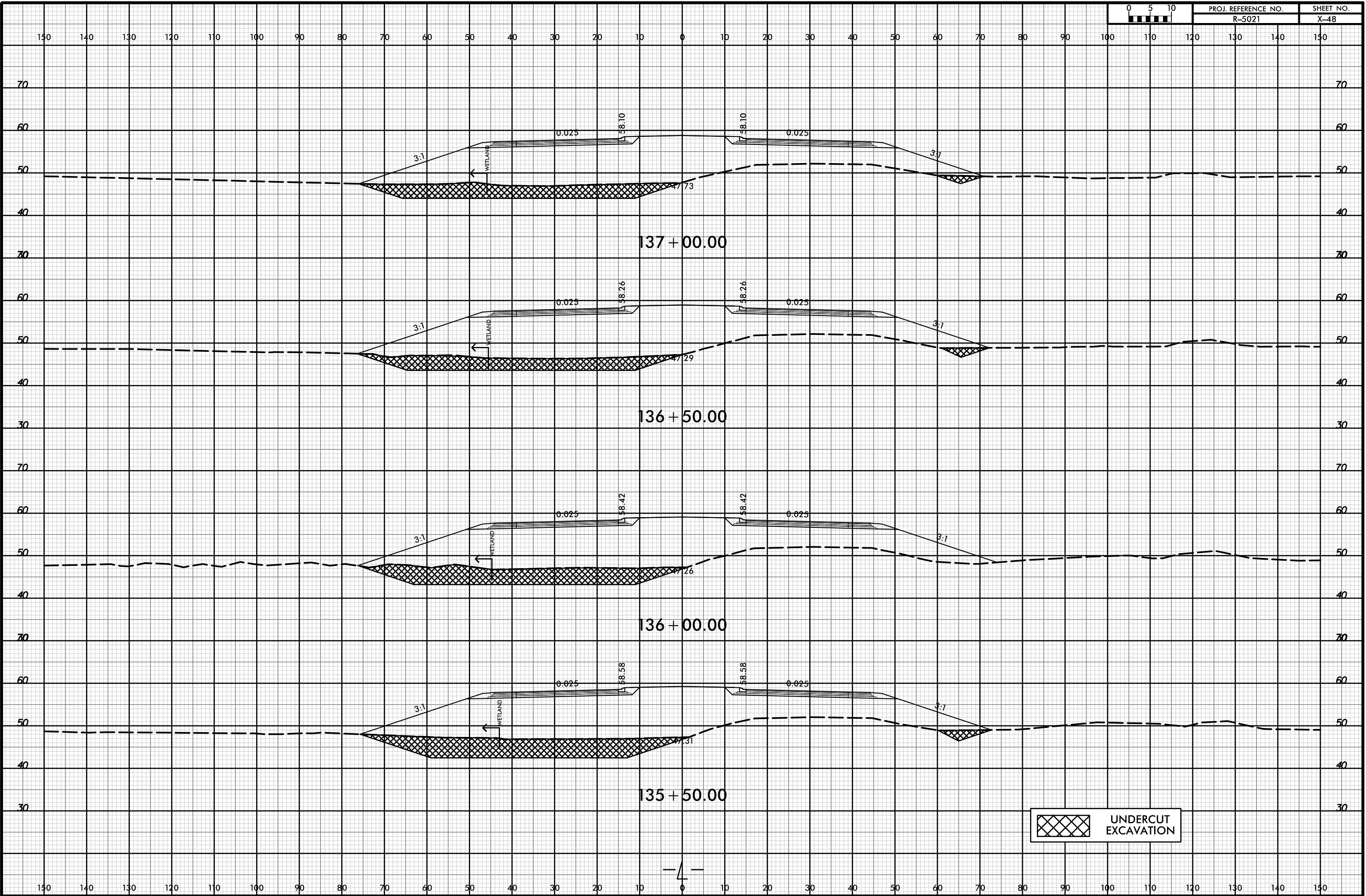
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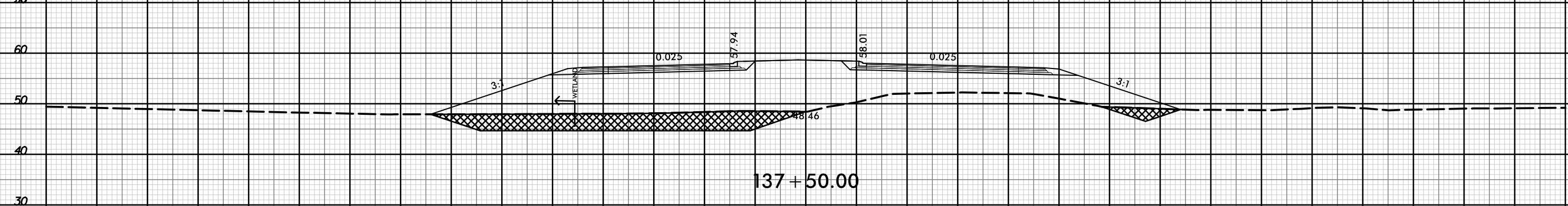
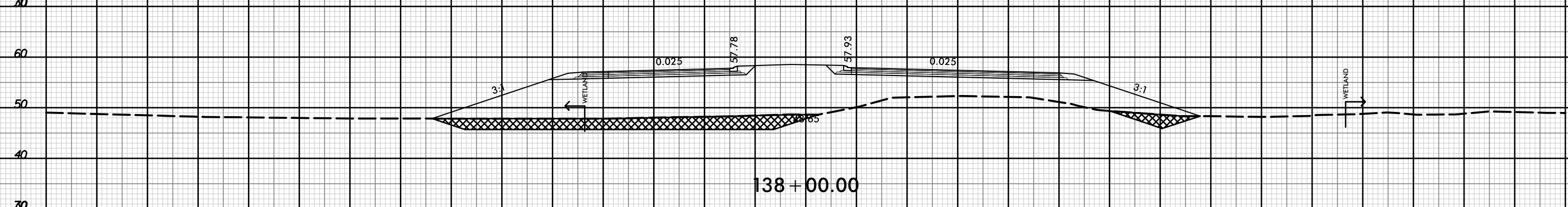
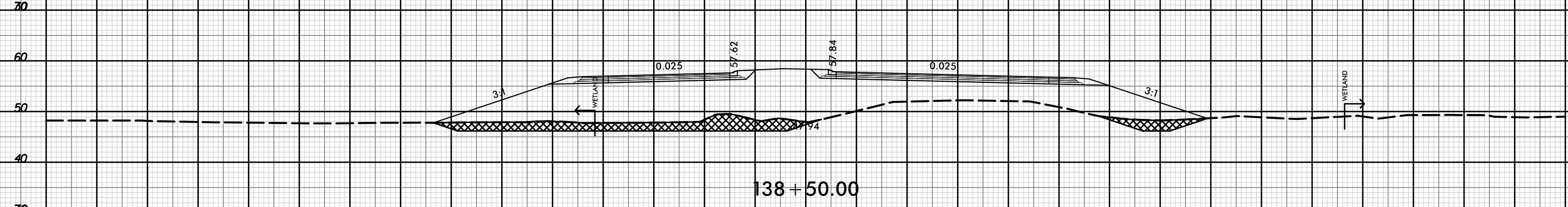
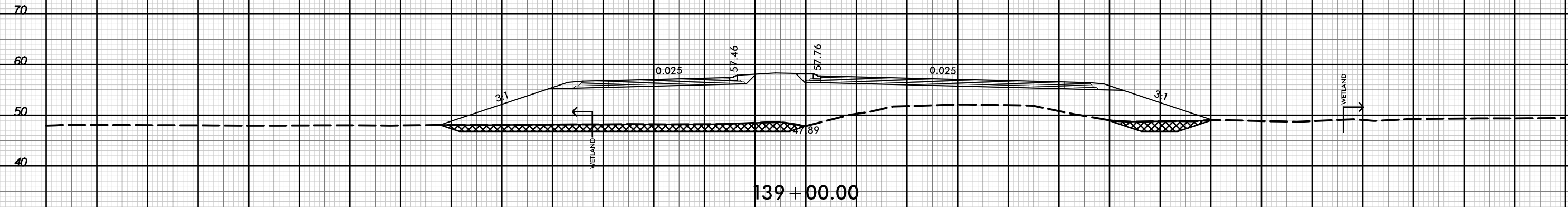
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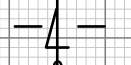




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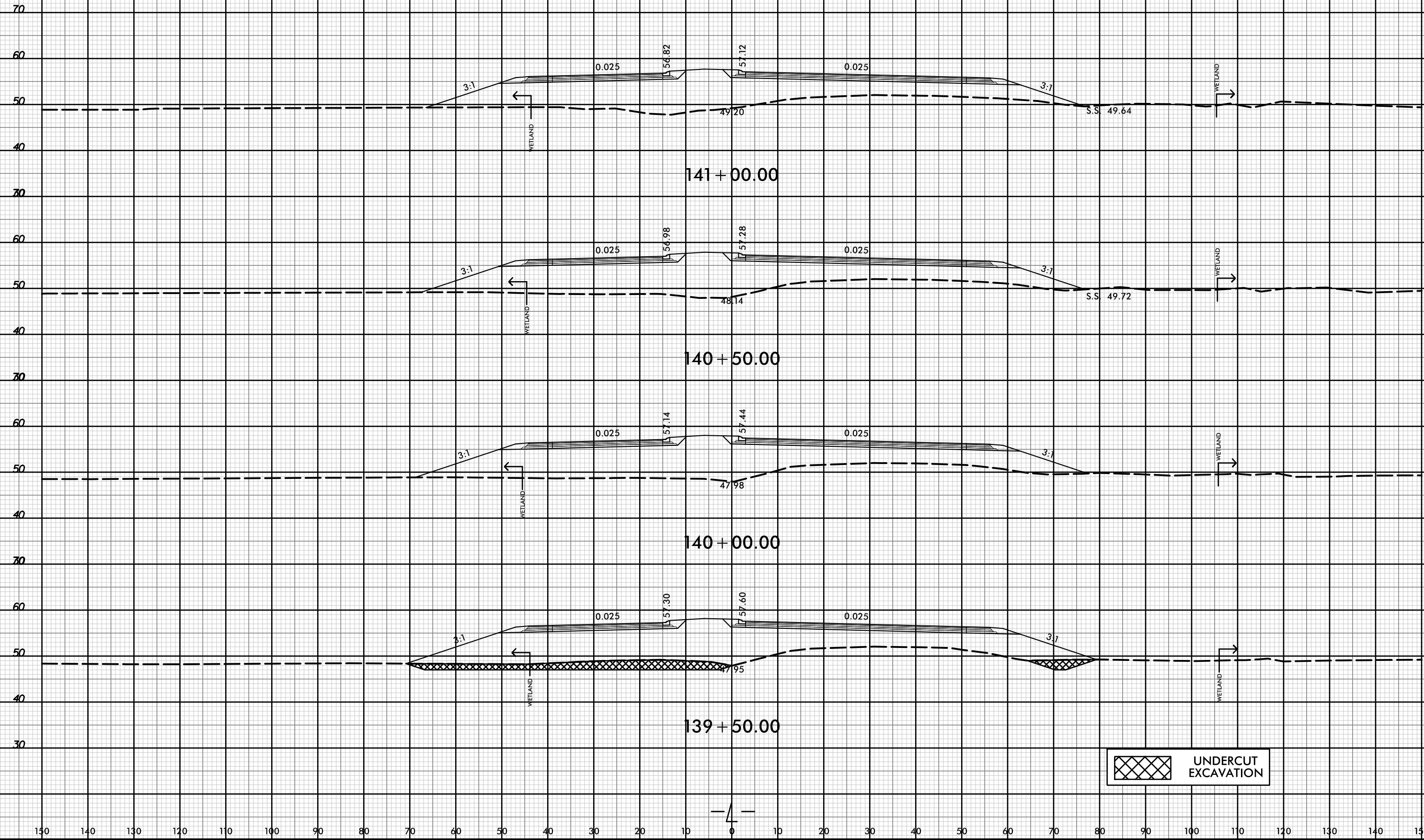


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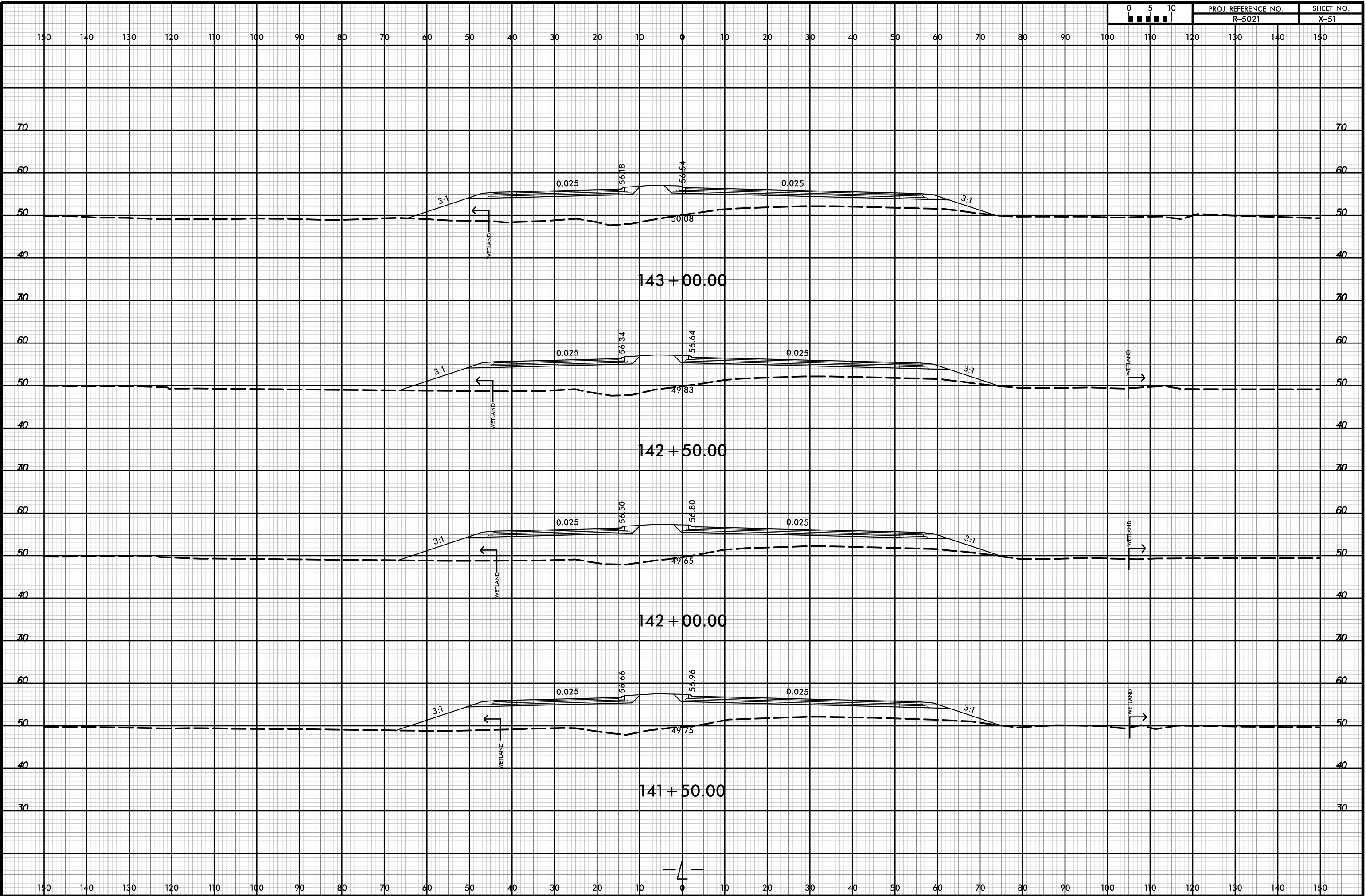


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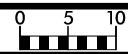


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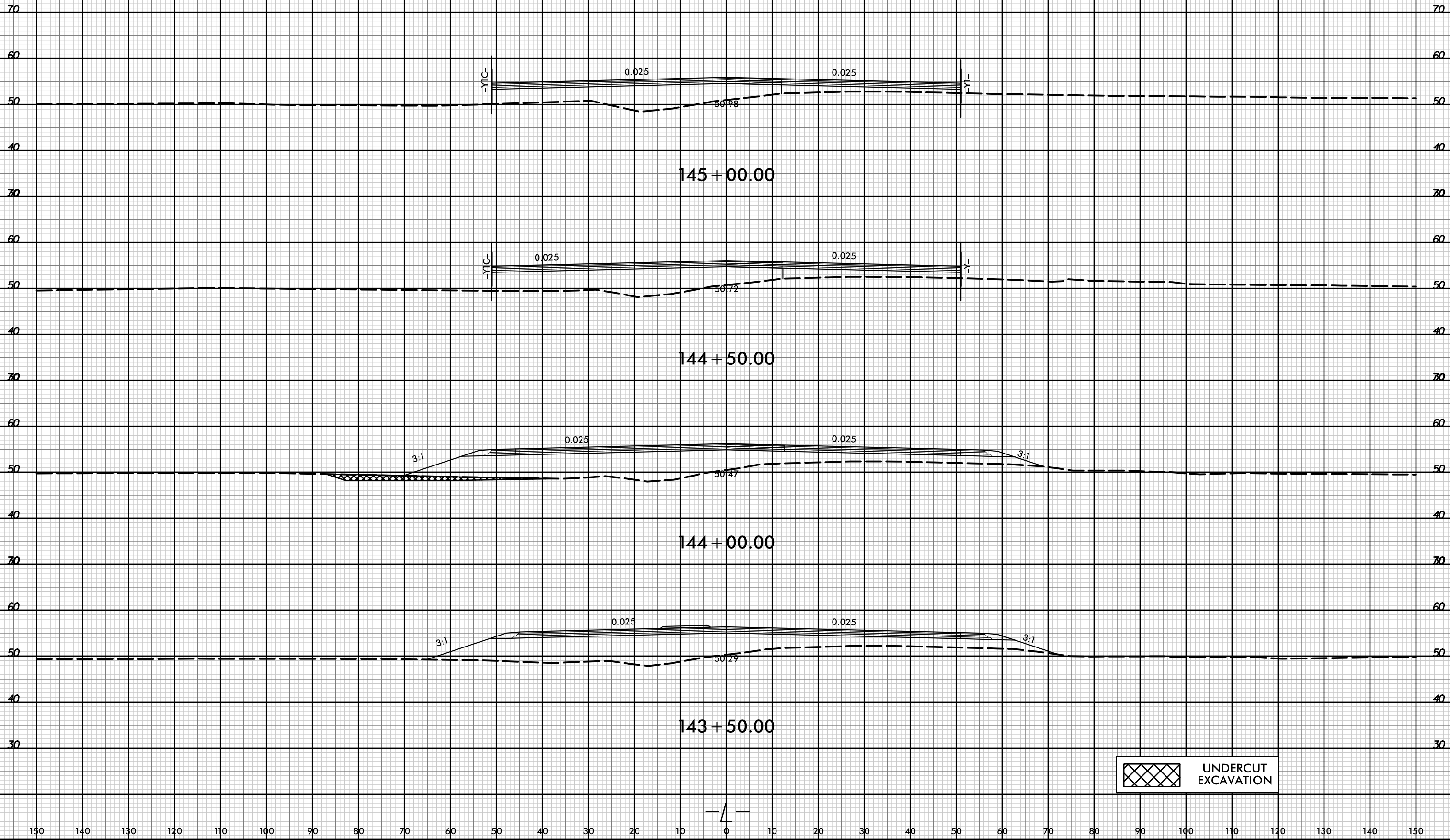
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PROJ. REFERENCE NO.  
R-5021

SHEET NO.  
X-52

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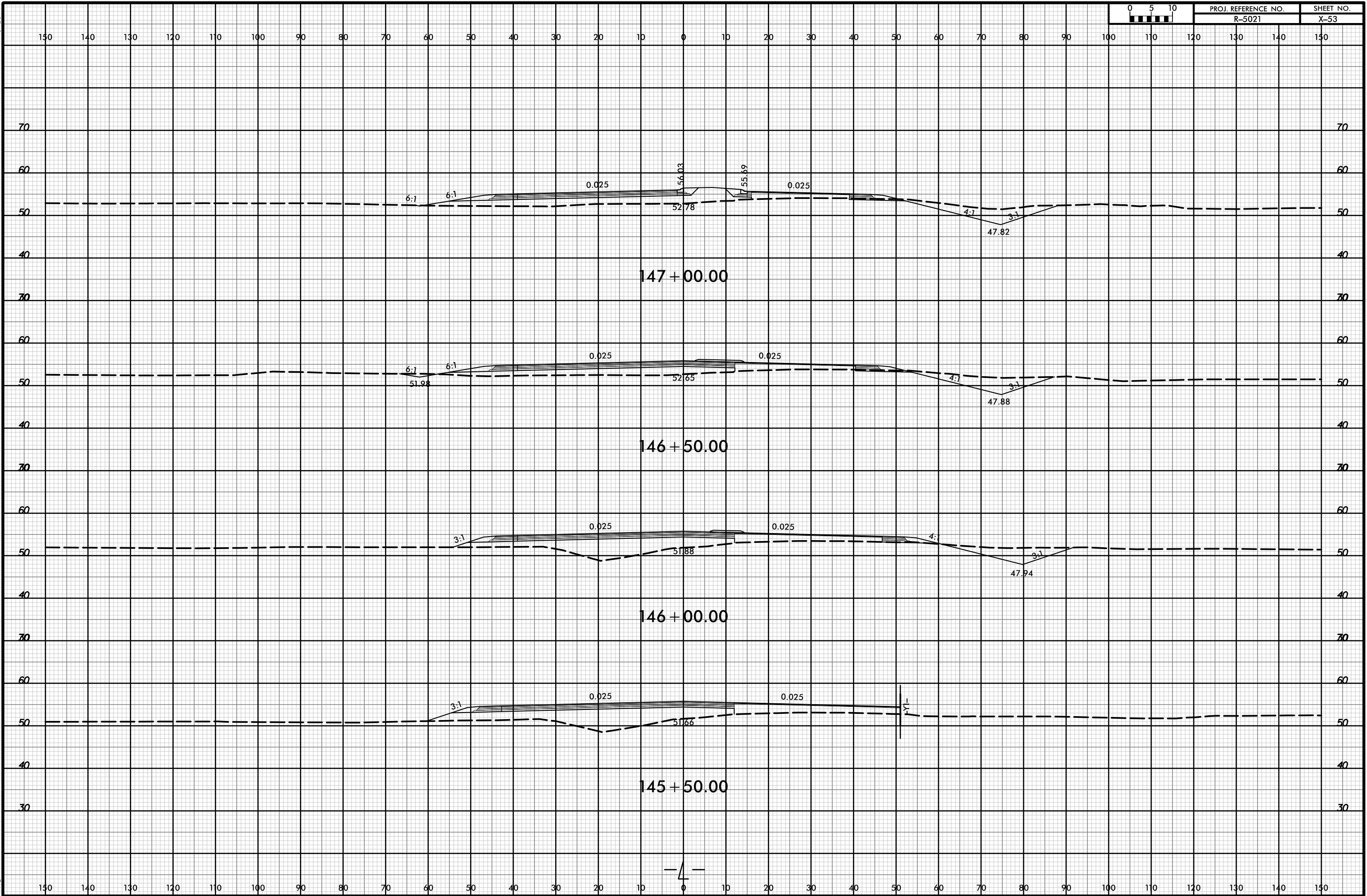


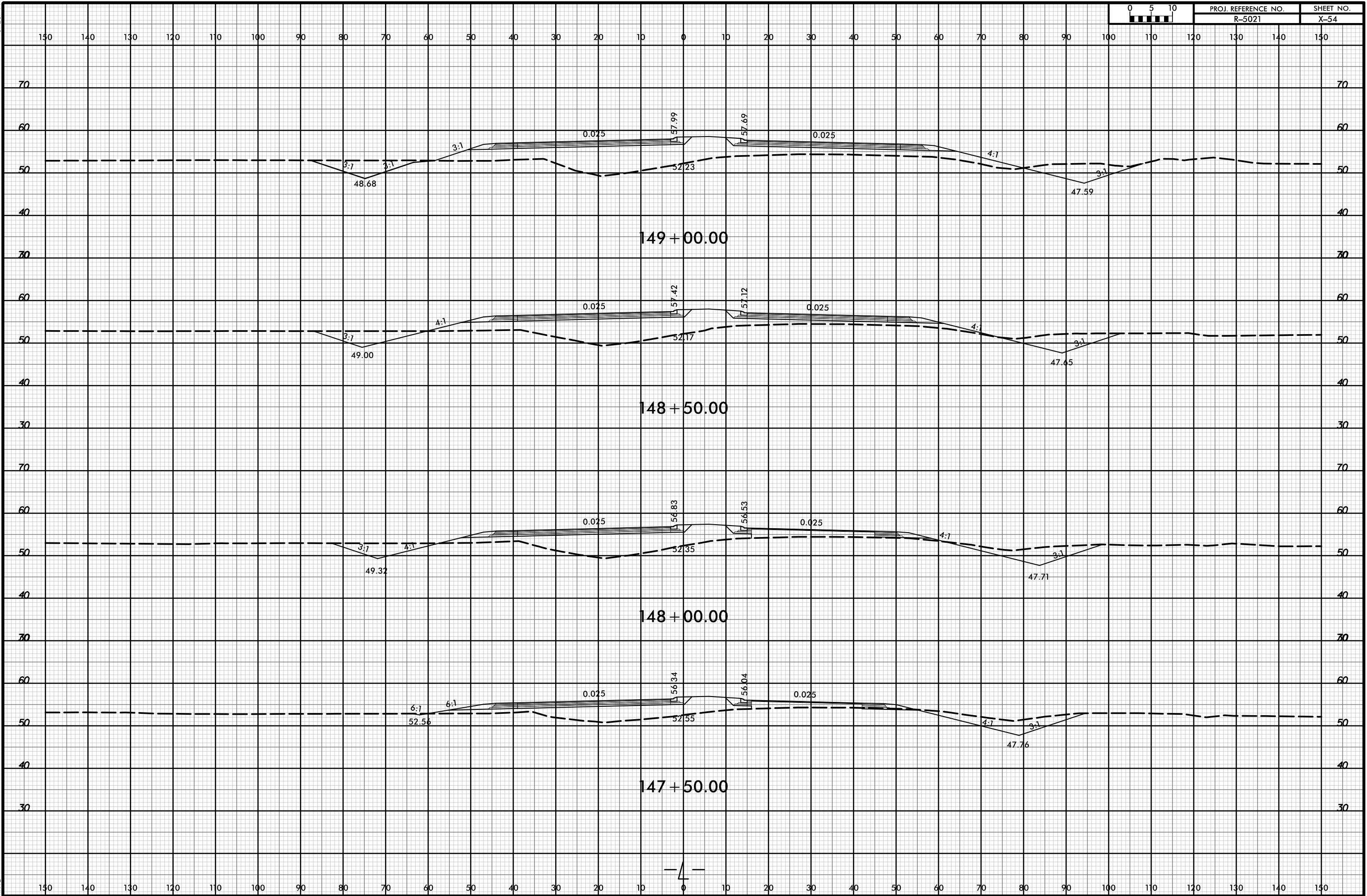
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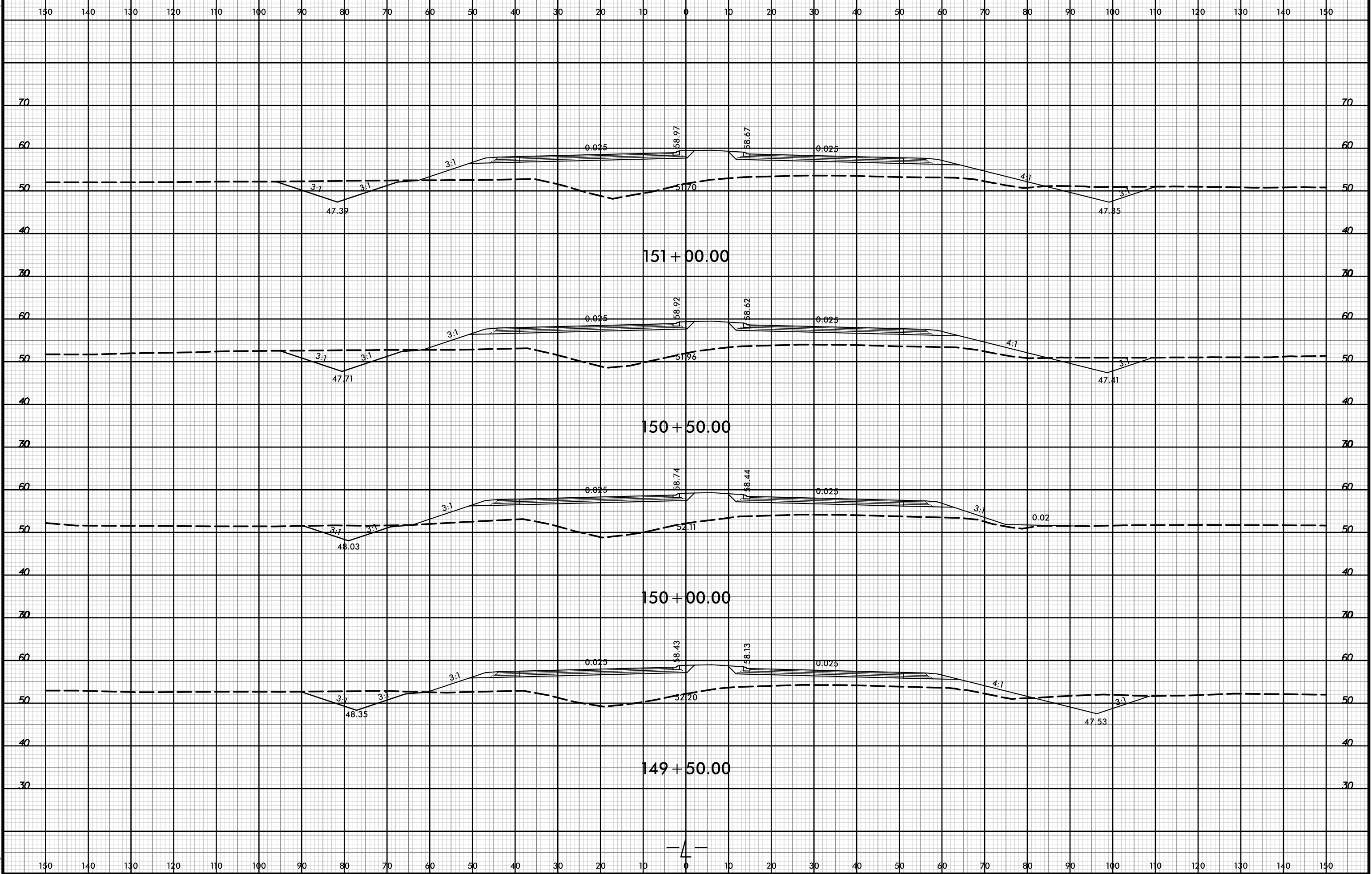
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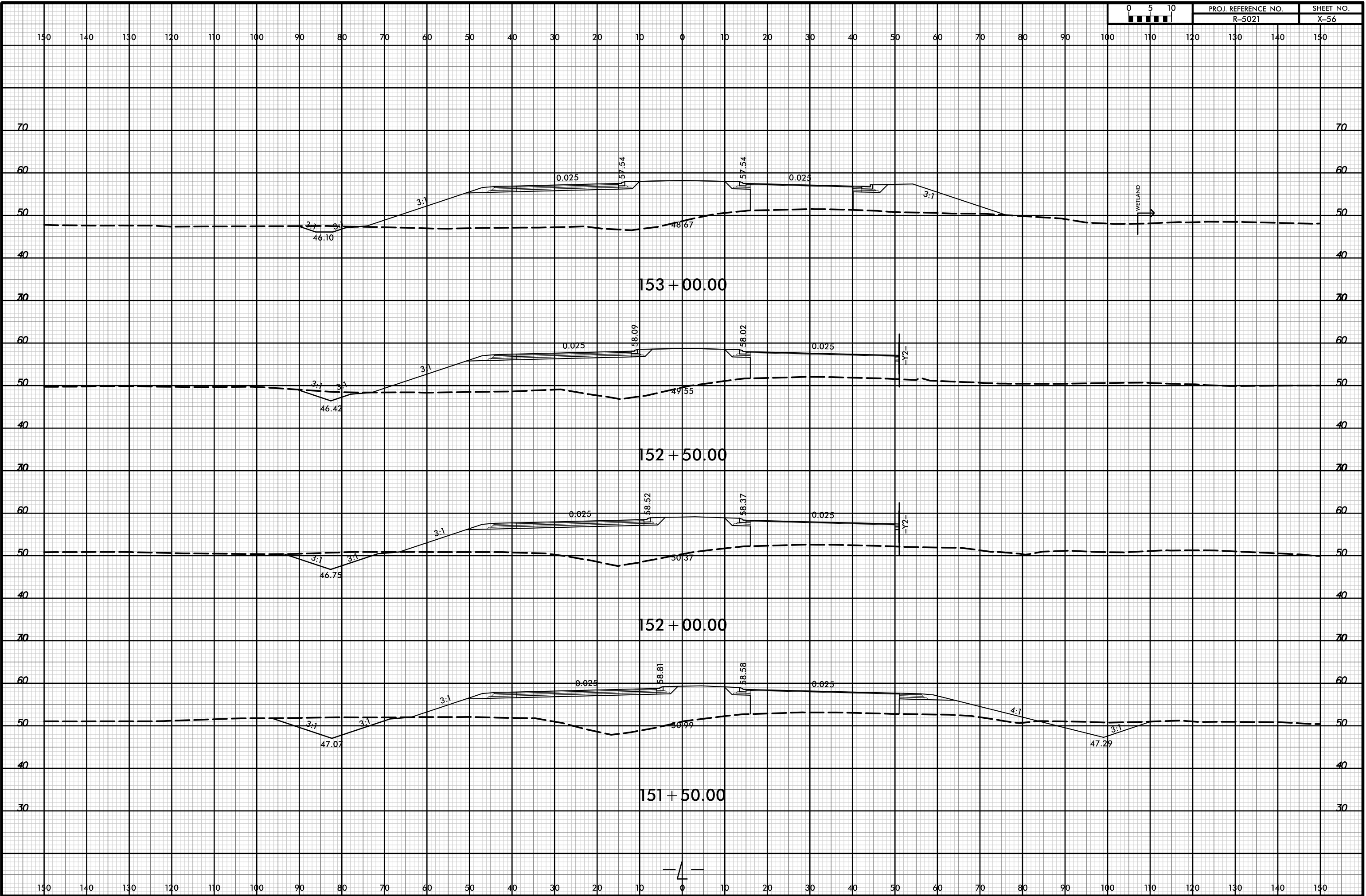
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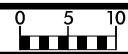
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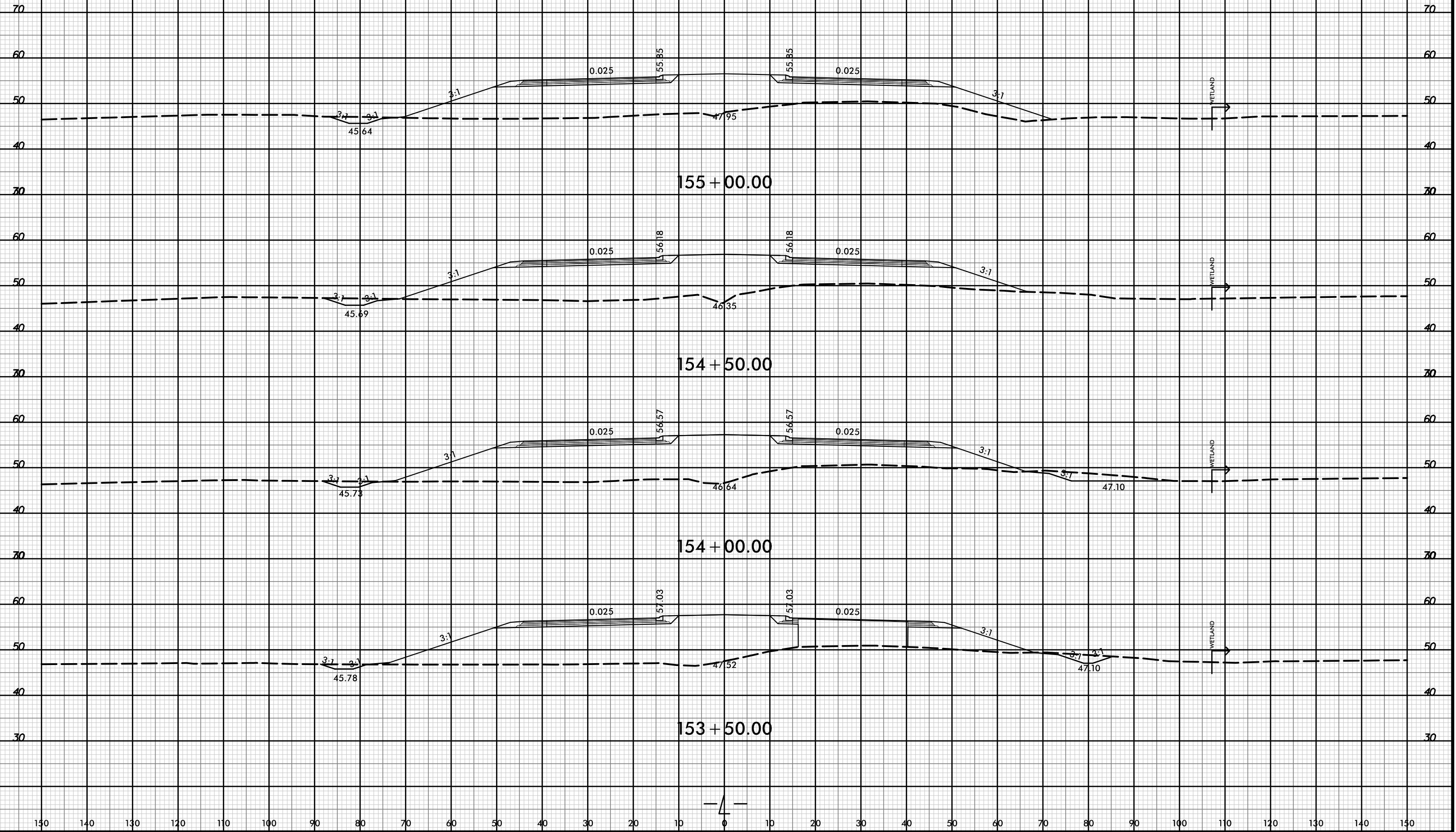


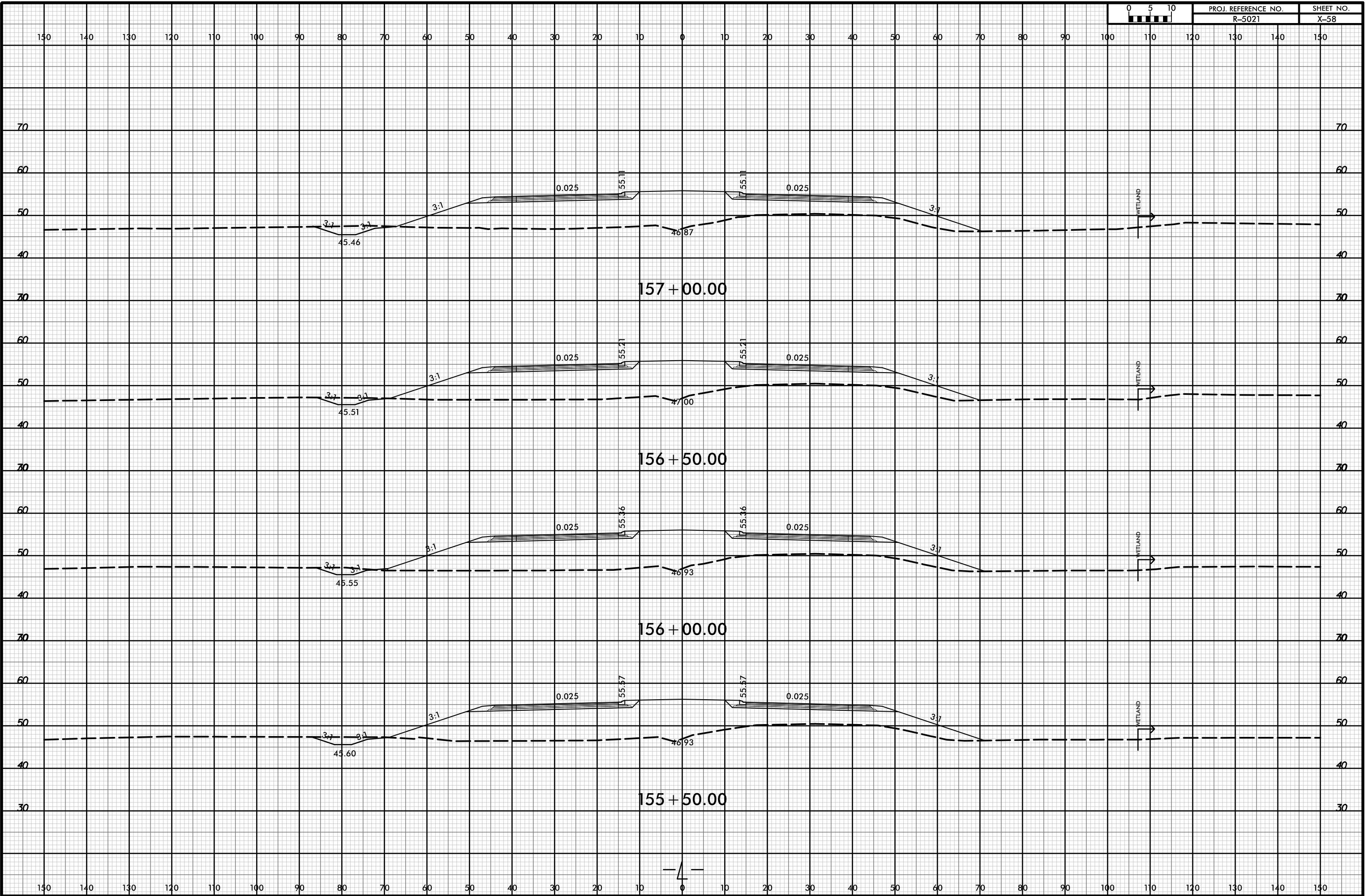


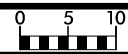




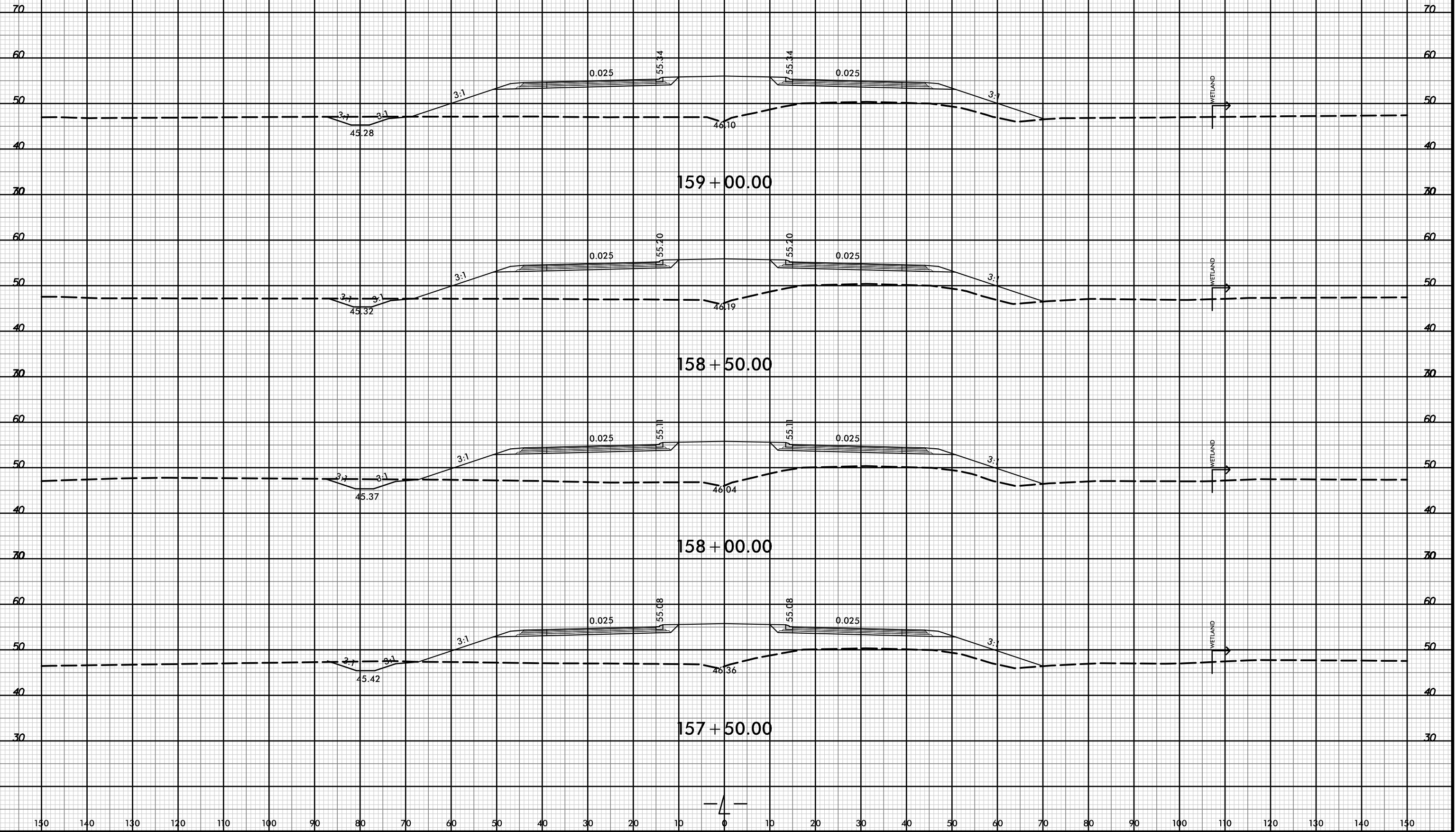
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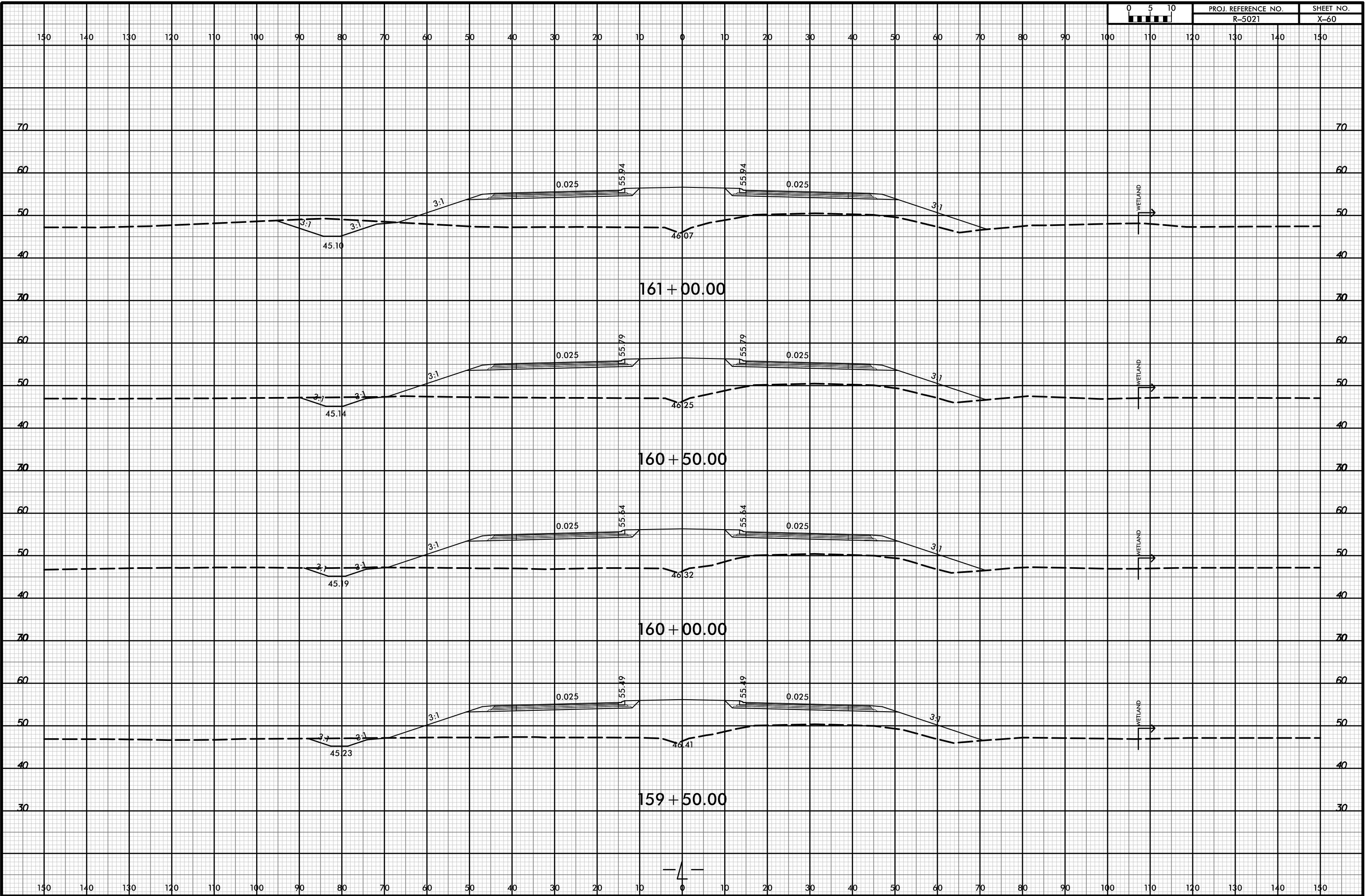




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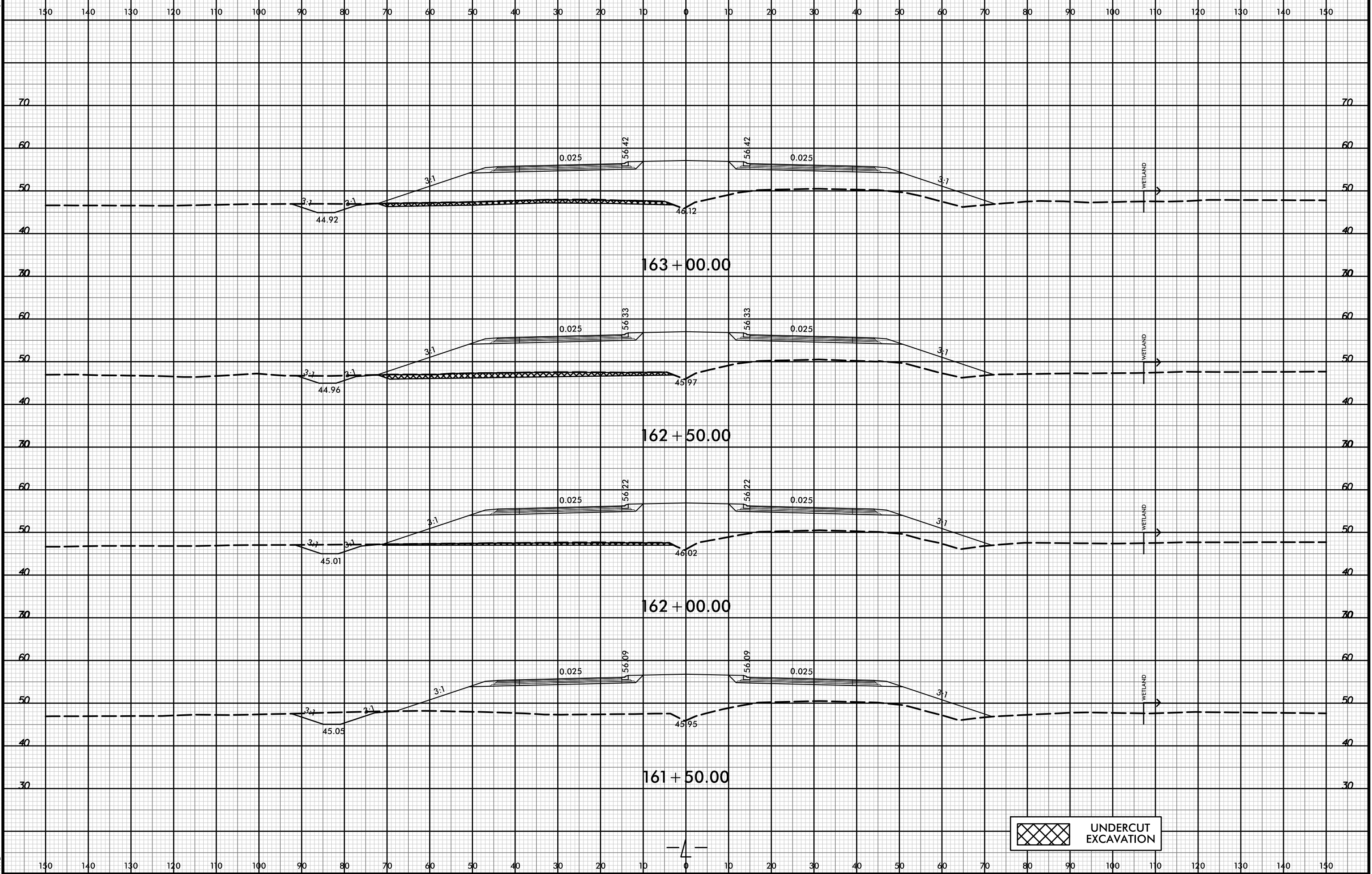




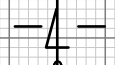
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PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-61

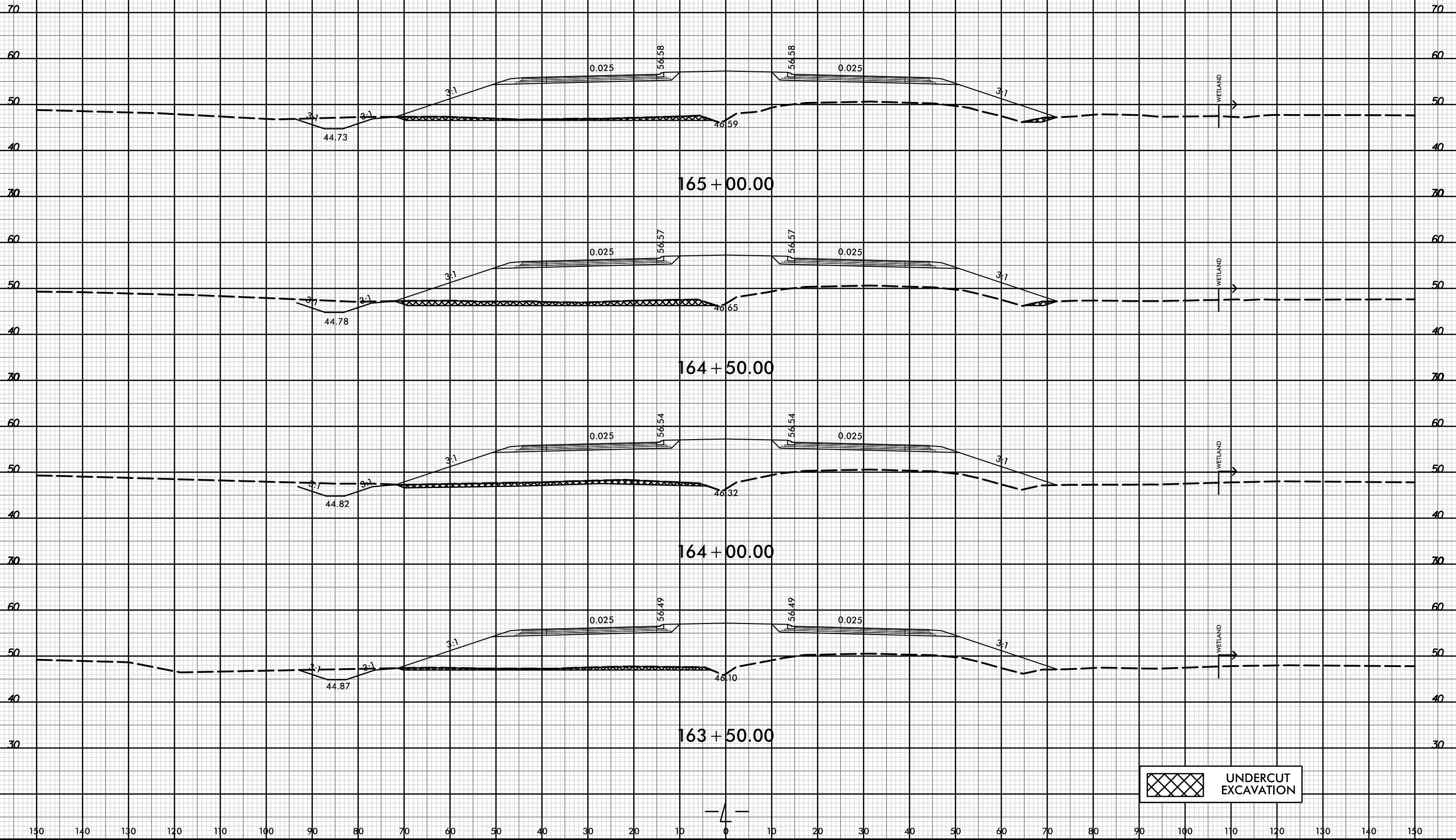


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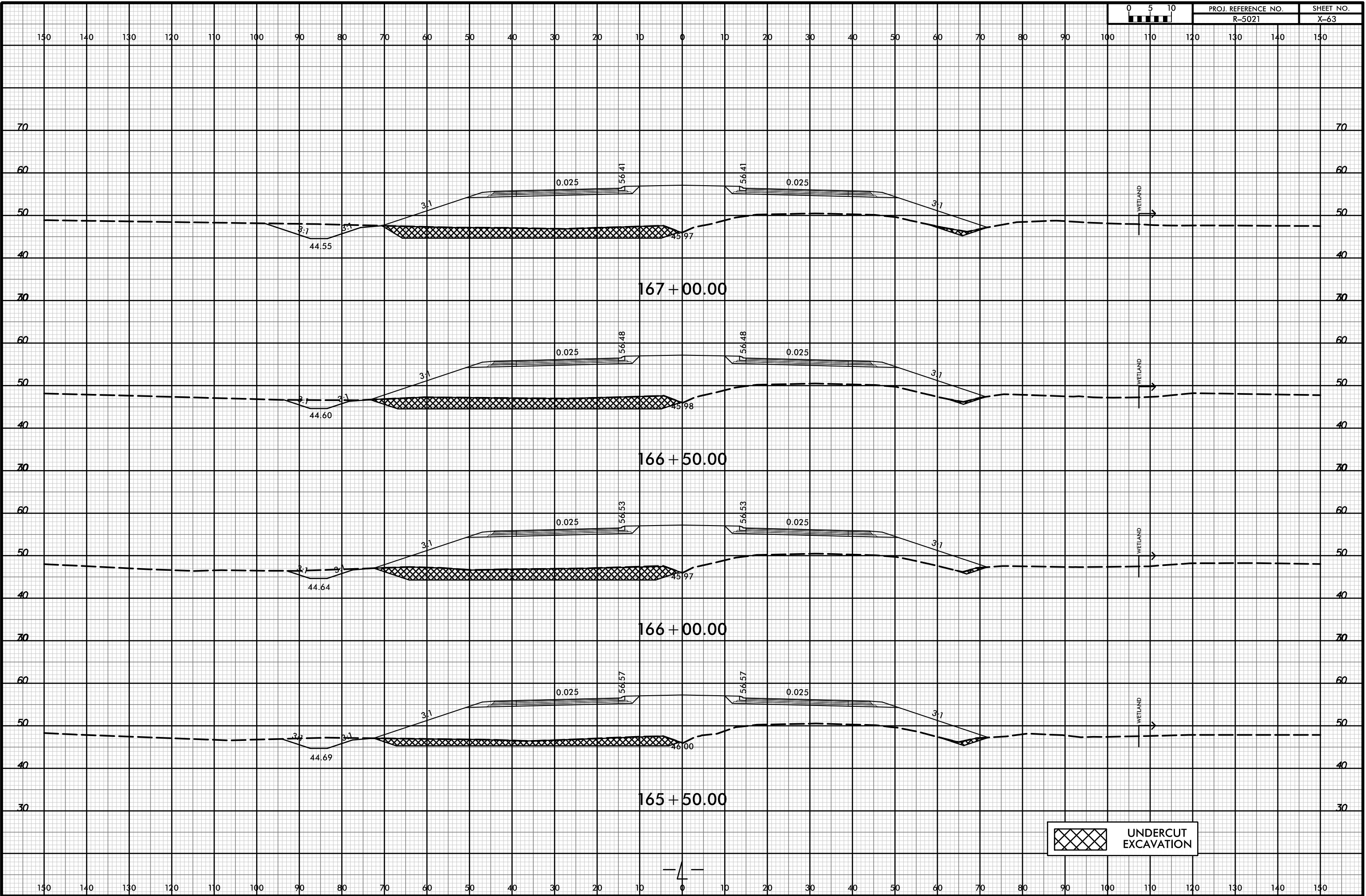


UNDERCUT EXCAVATION

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PROJ. REFERENCE NO. R-5021 SHEET NO. X-63



UNDERCUT EXCAVATION

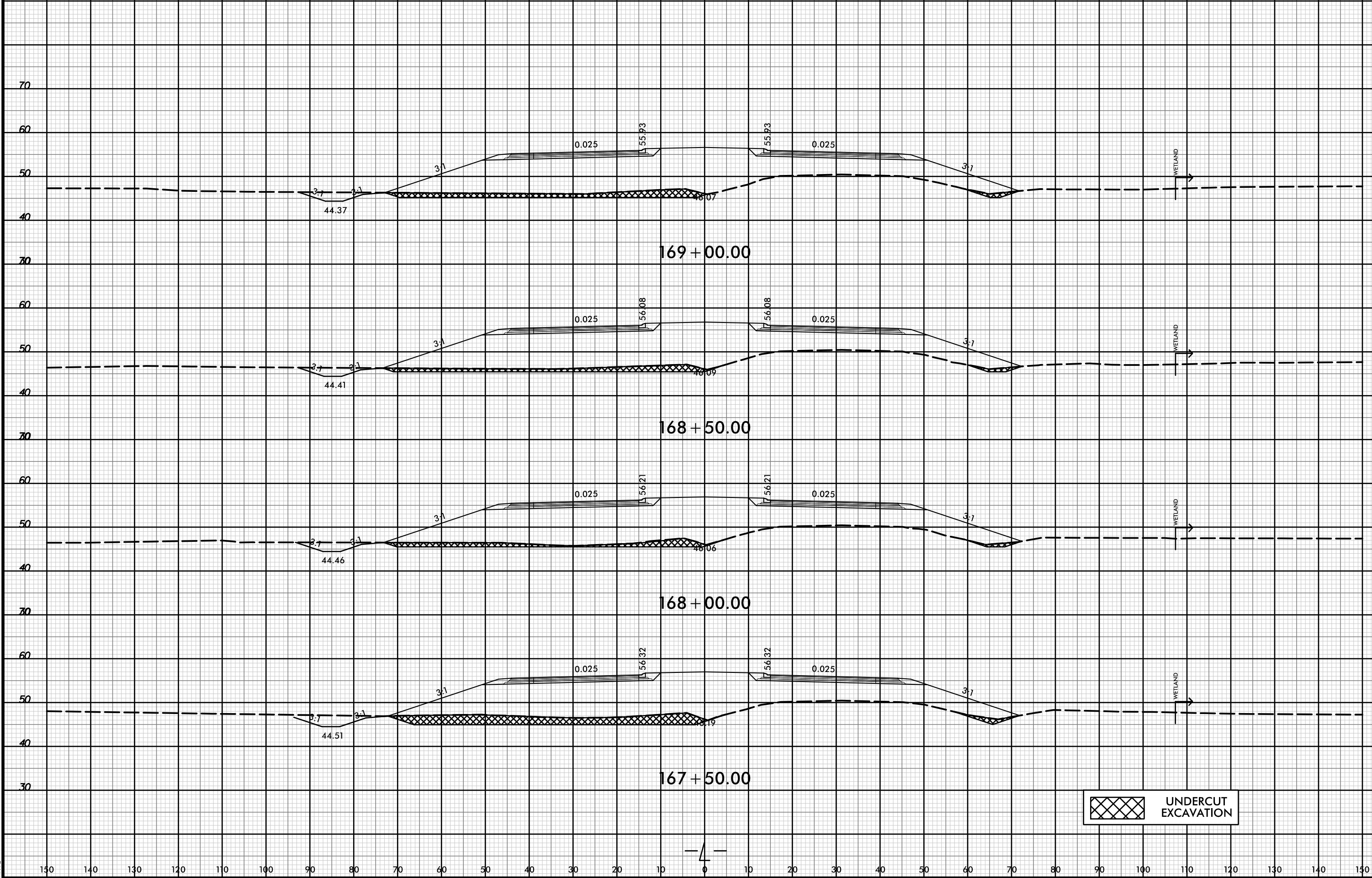
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PROJ. REFERENCE NO. R-5021 SHEET NO. X-64

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



169 + 00.00

168 + 50.00

168 + 00.00

167 + 50.00

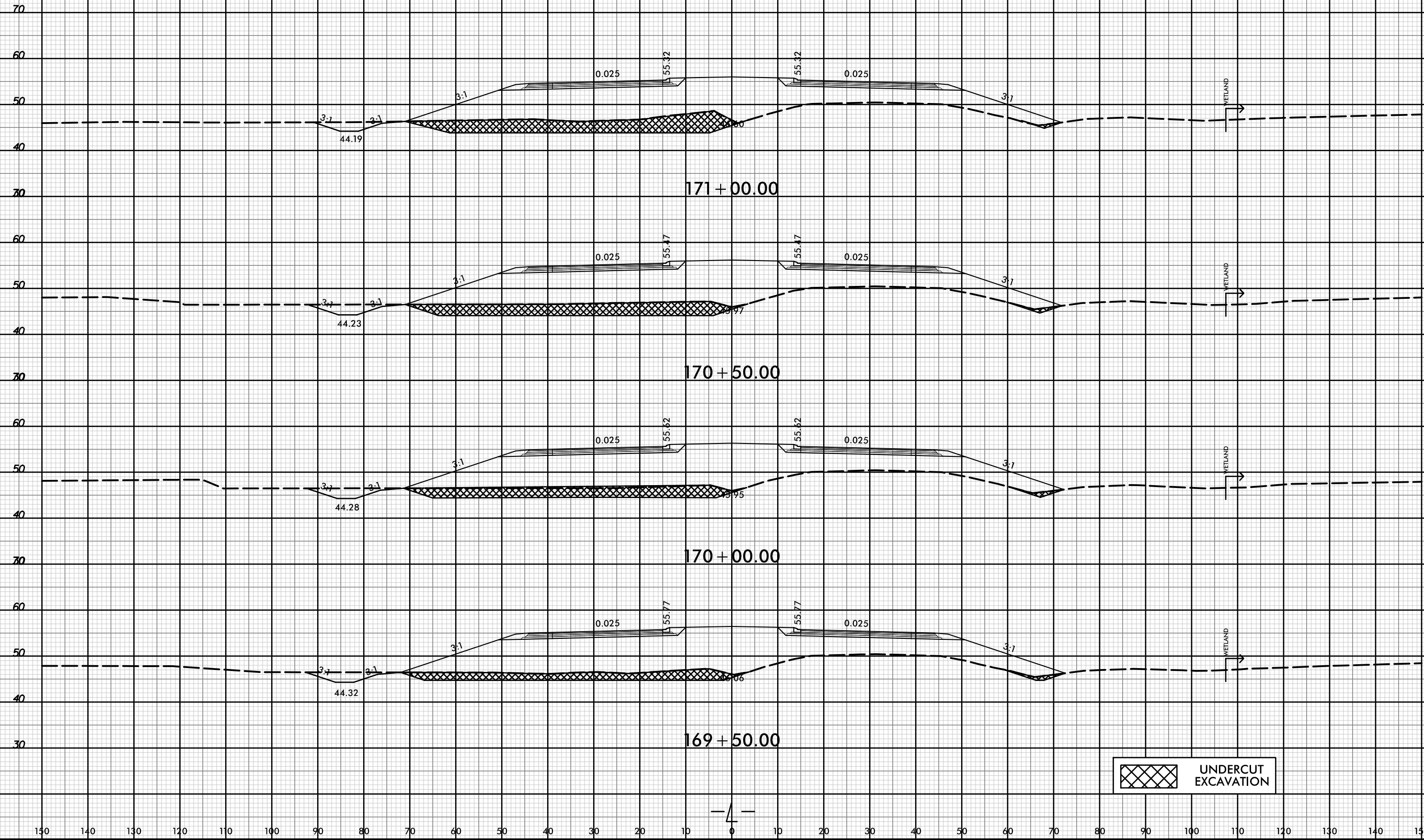
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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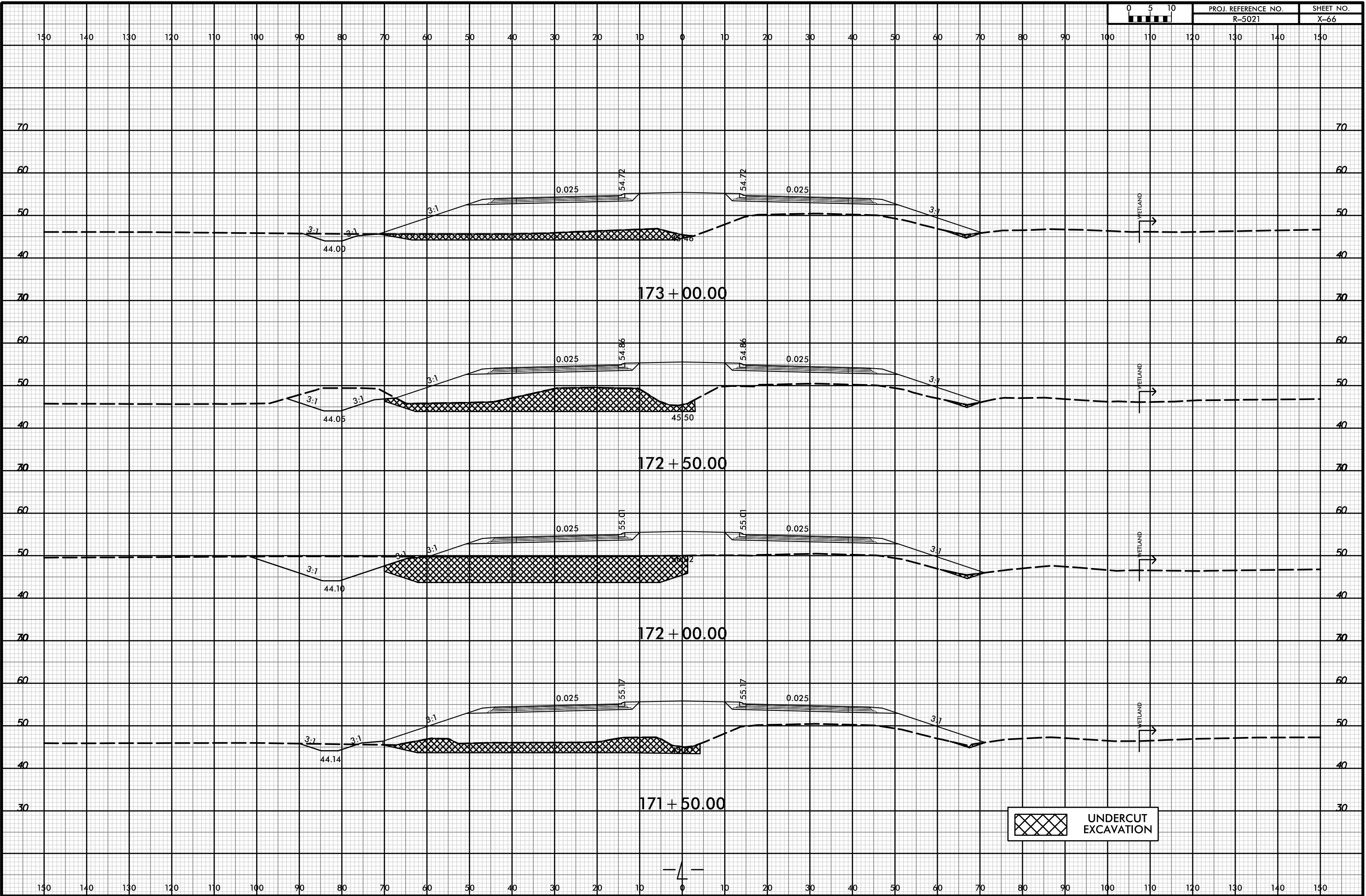



UNDERCUT EXCAVATION

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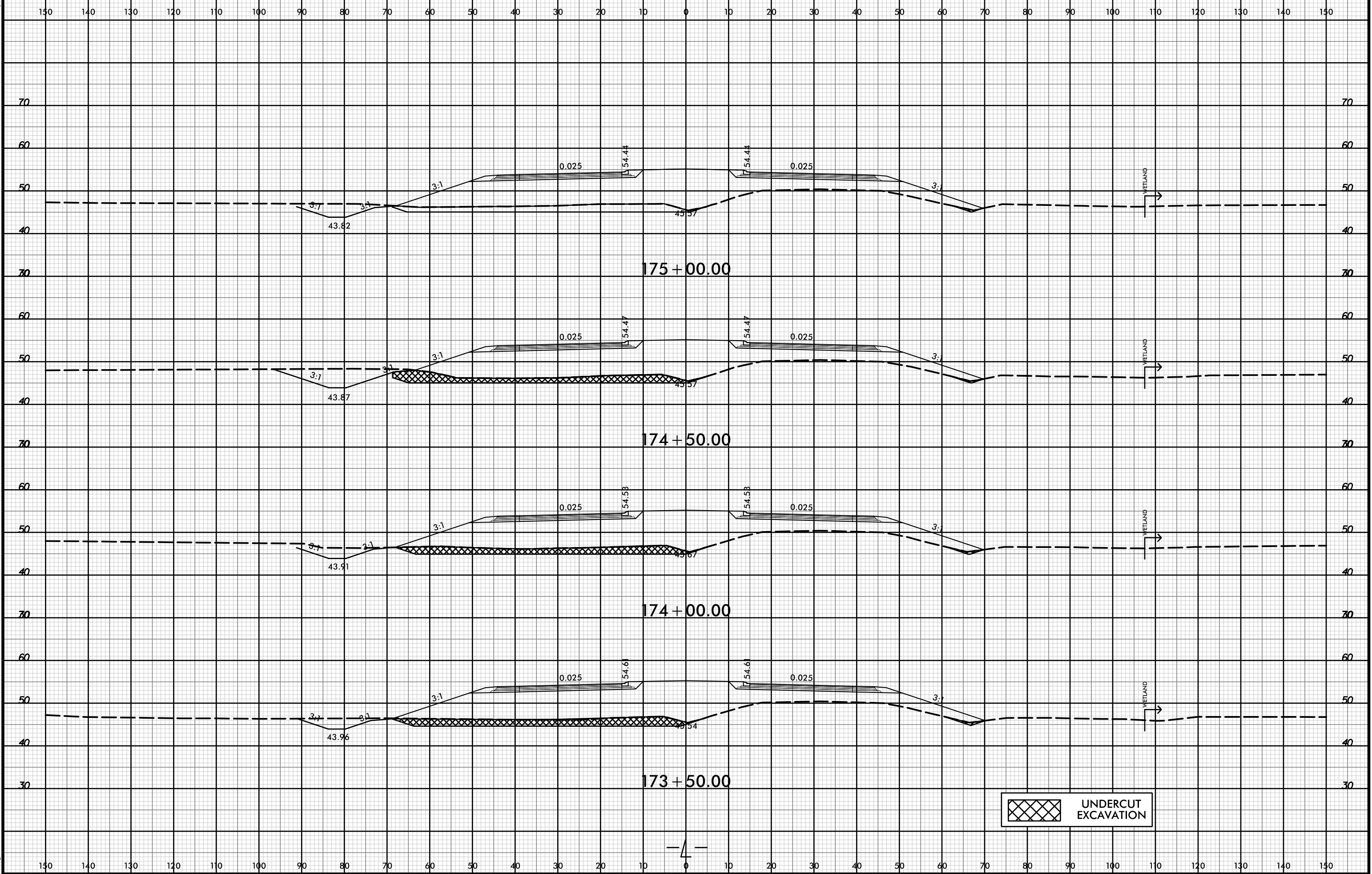


PROJ. REFERENCE NO. R-5021 SHEET NO. X-66

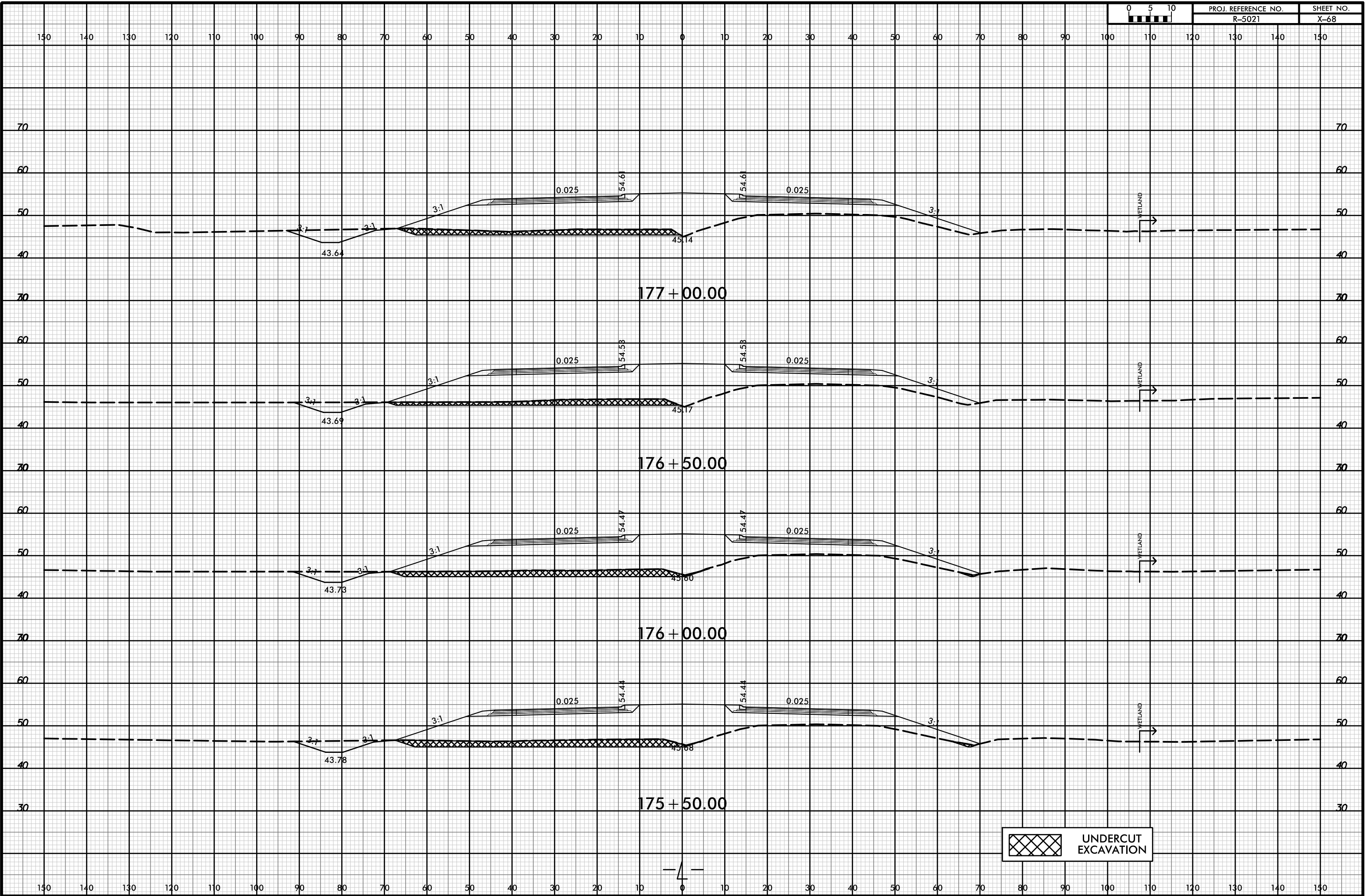


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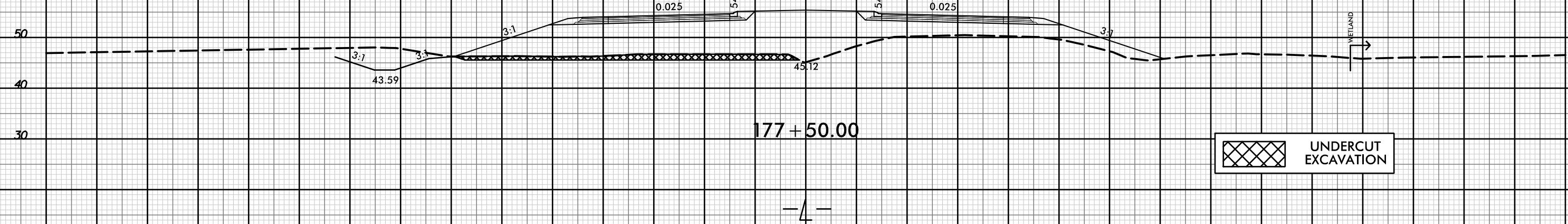
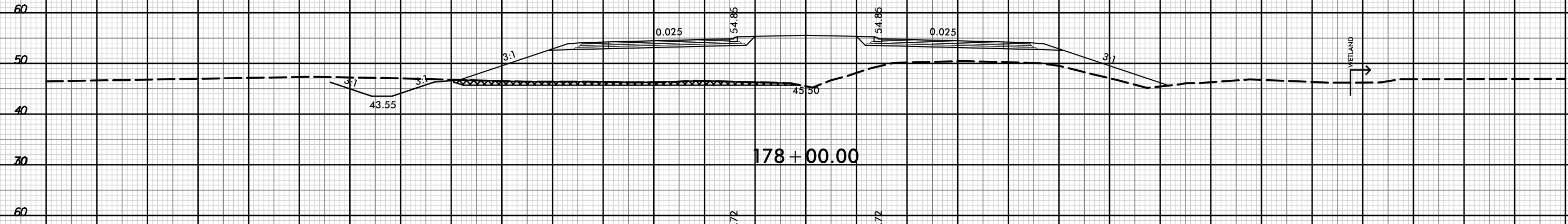
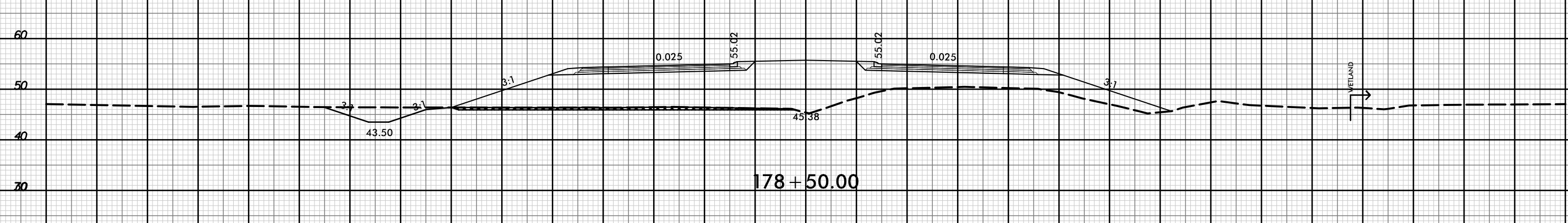
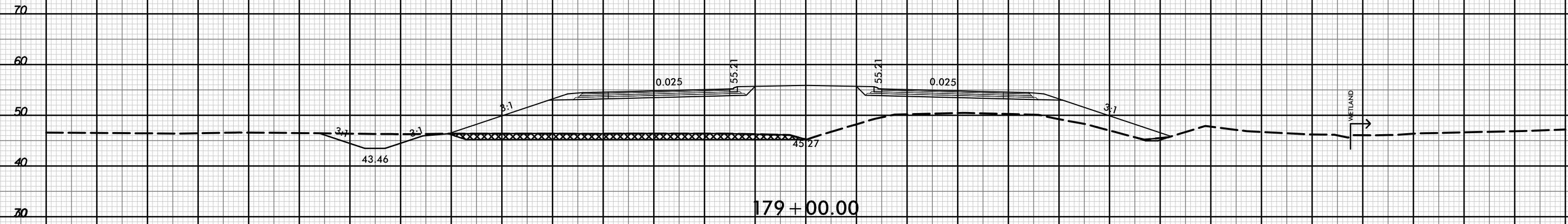






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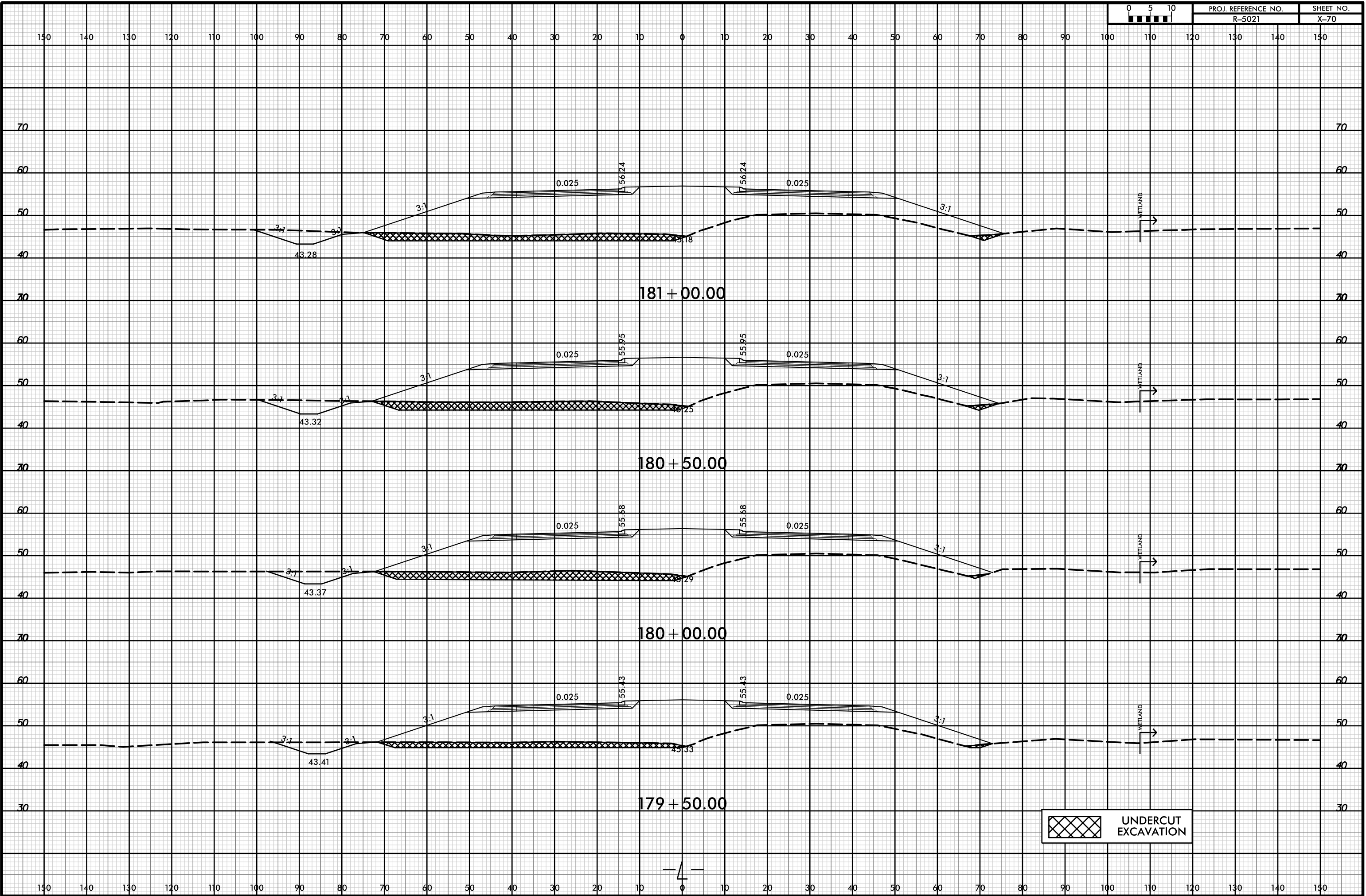
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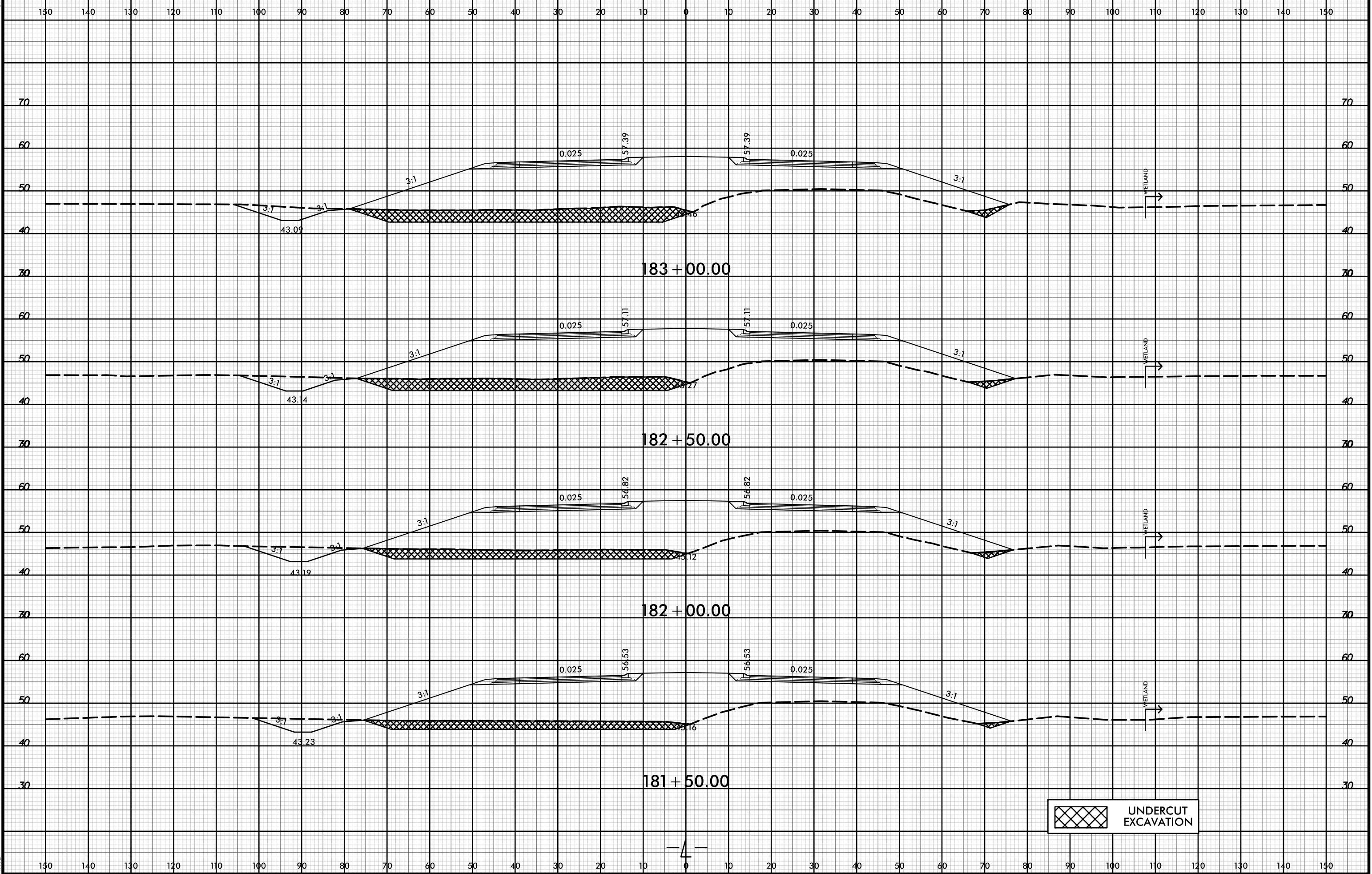
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



UNDERCUT EXCAVATION

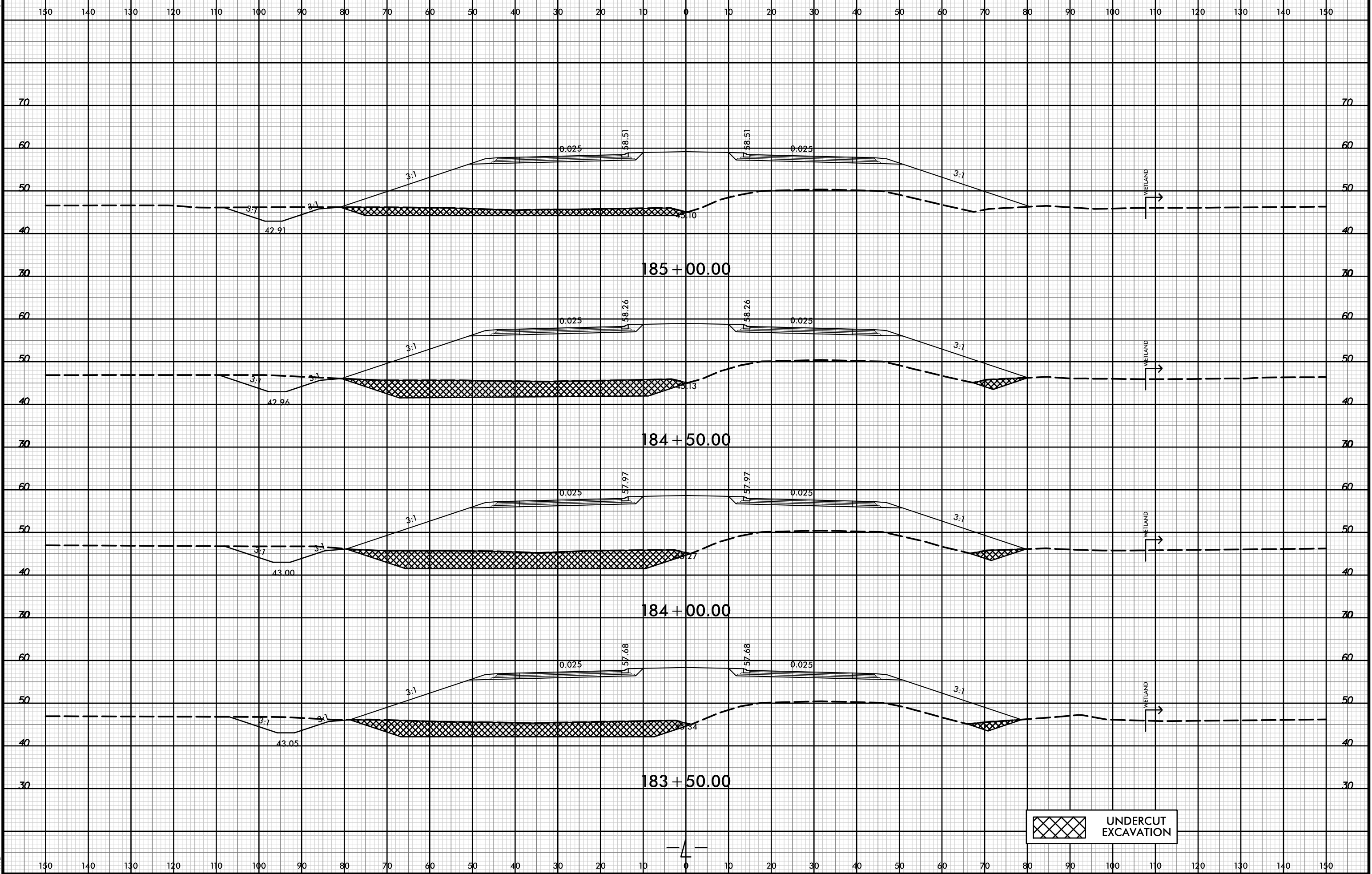


UNDERCUT EXCAVATION

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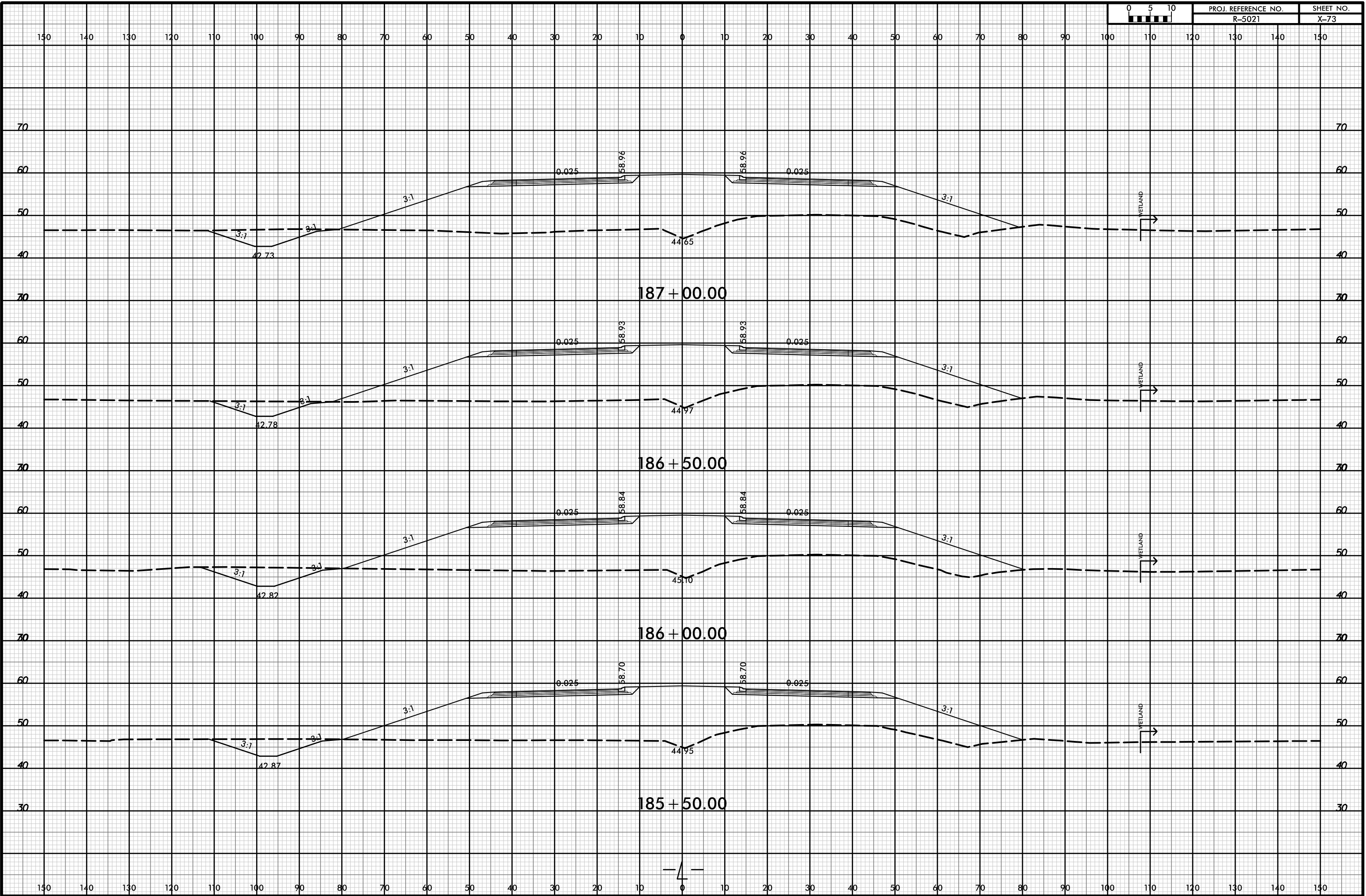


PROJ. REFERENCE NO. R-5021 SHEET NO. X-72

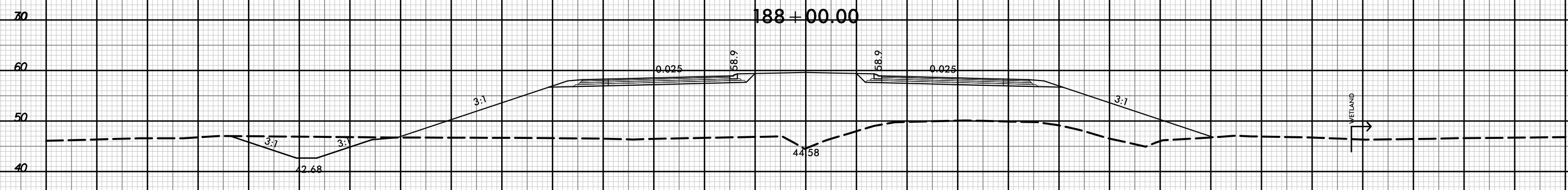
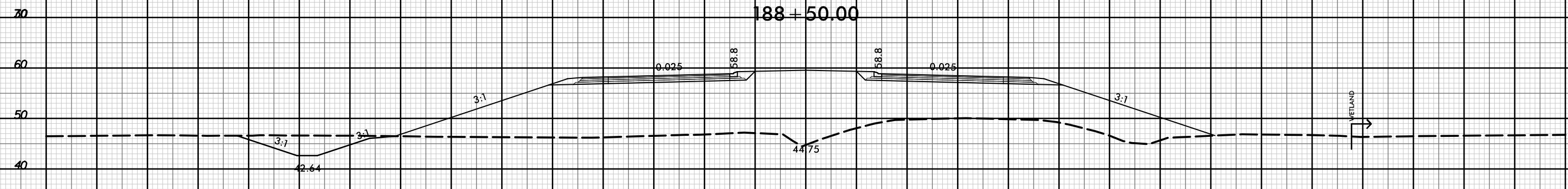
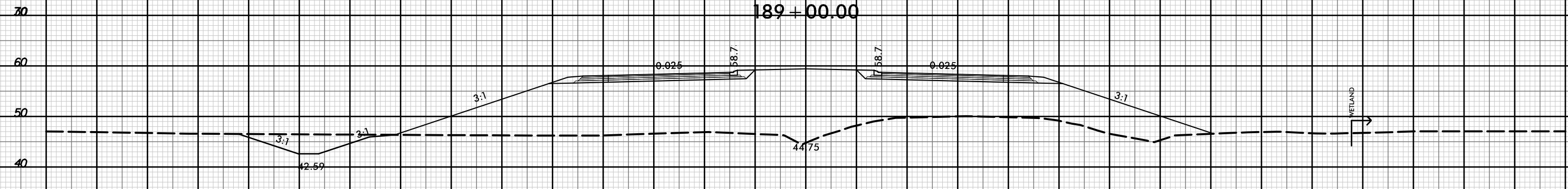
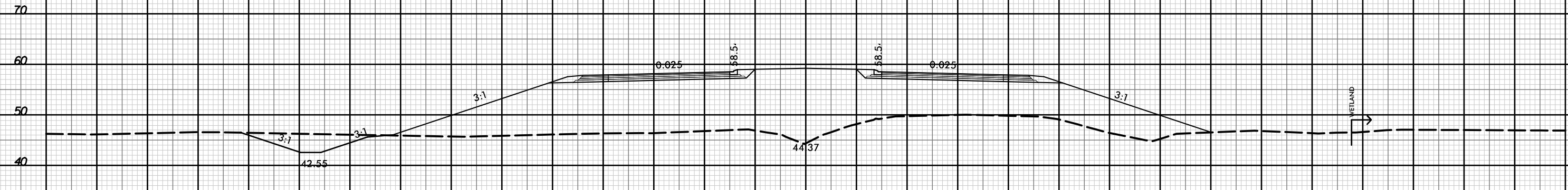


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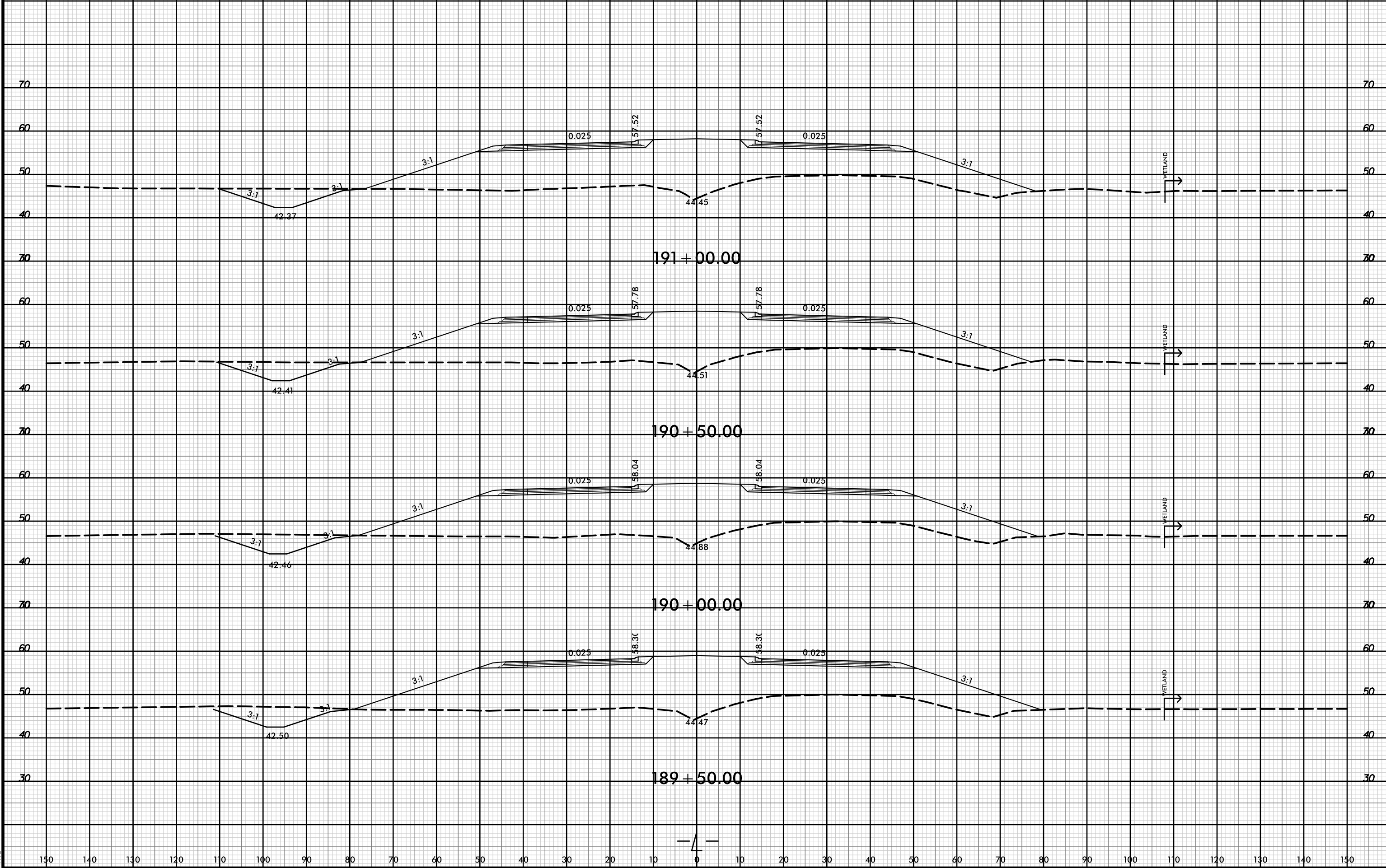


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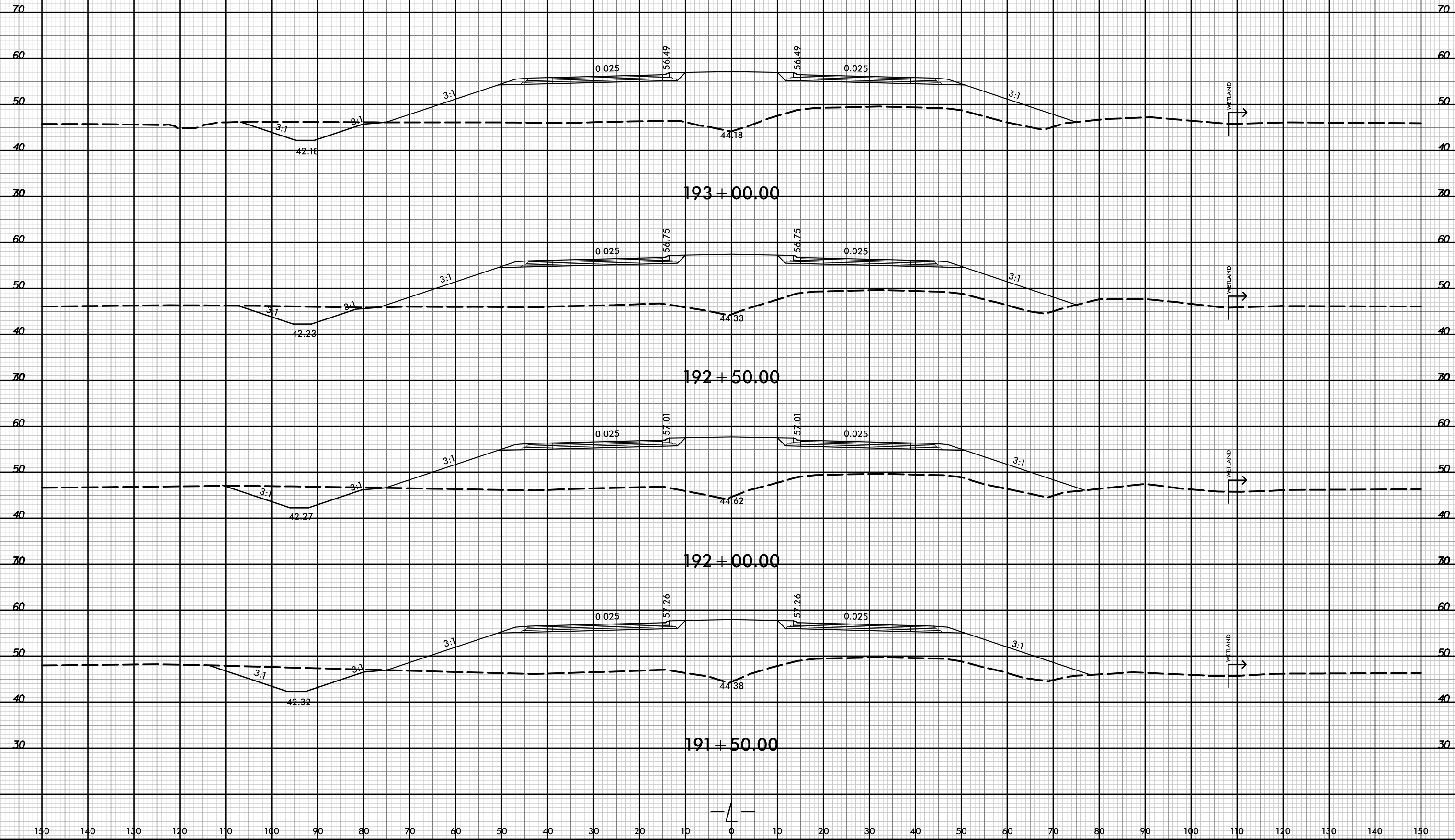
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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





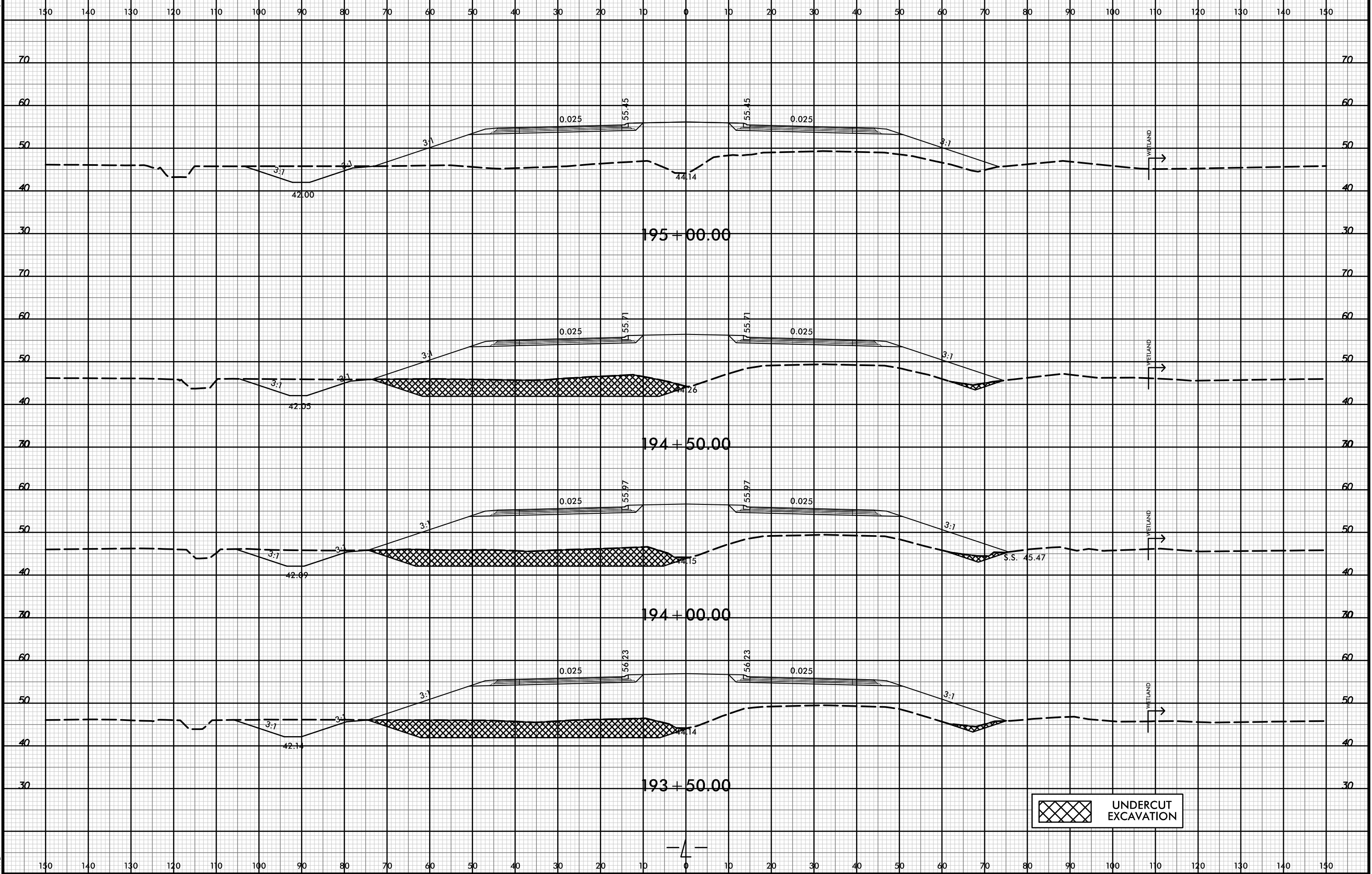
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PROJ. REFERENCE NO. R-5021 SHEET NO. X-77



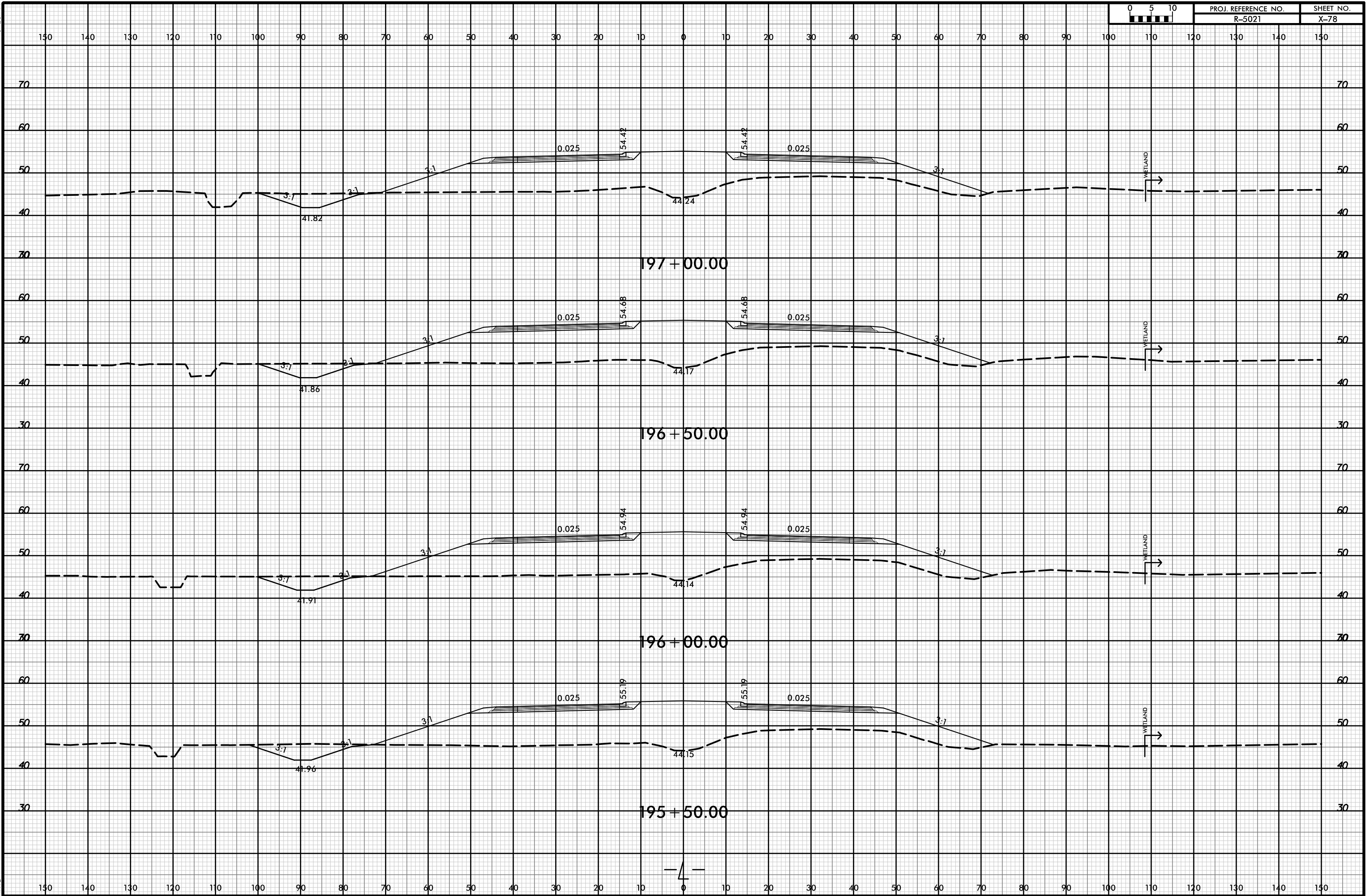
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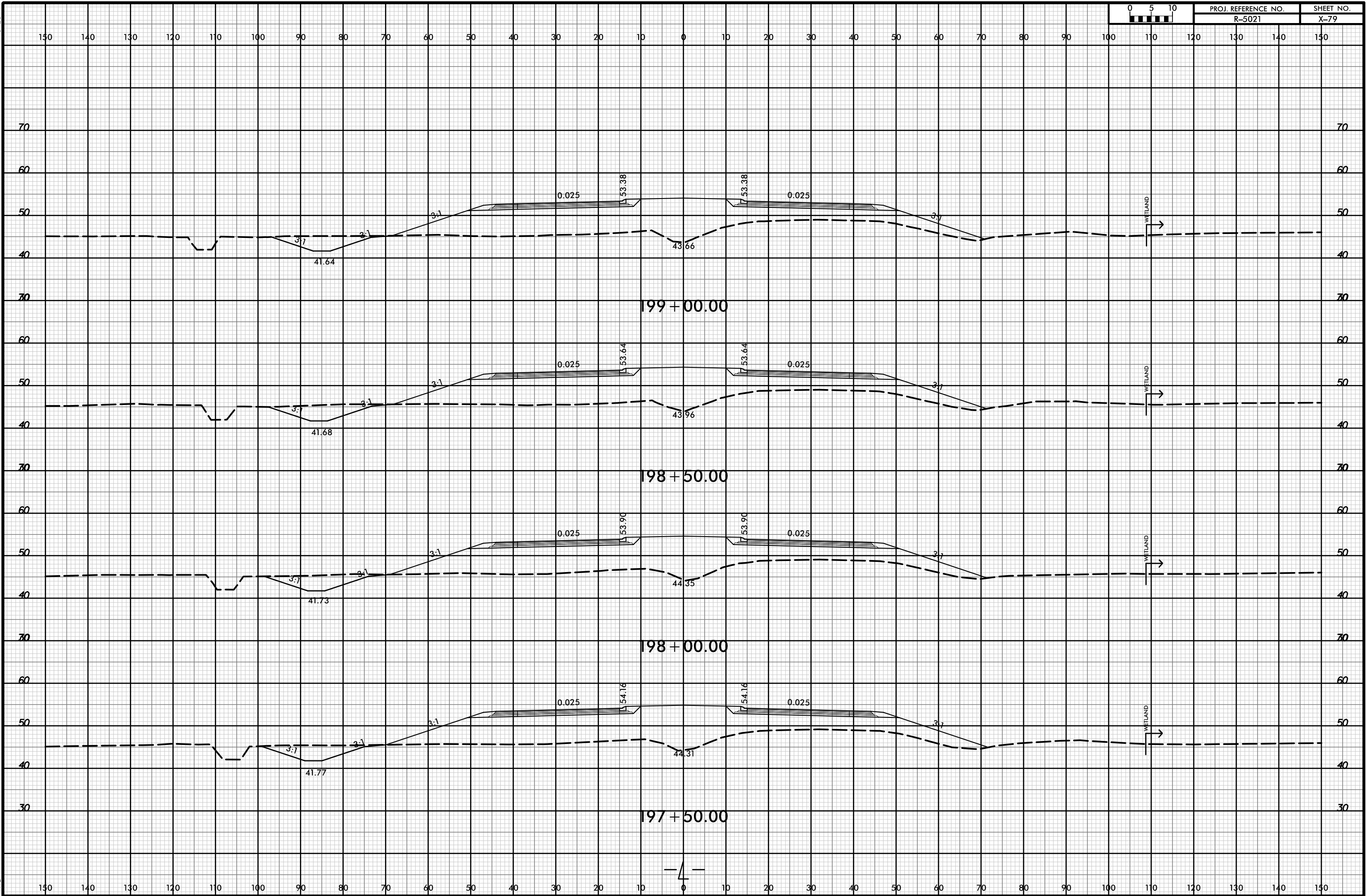
8/23/99

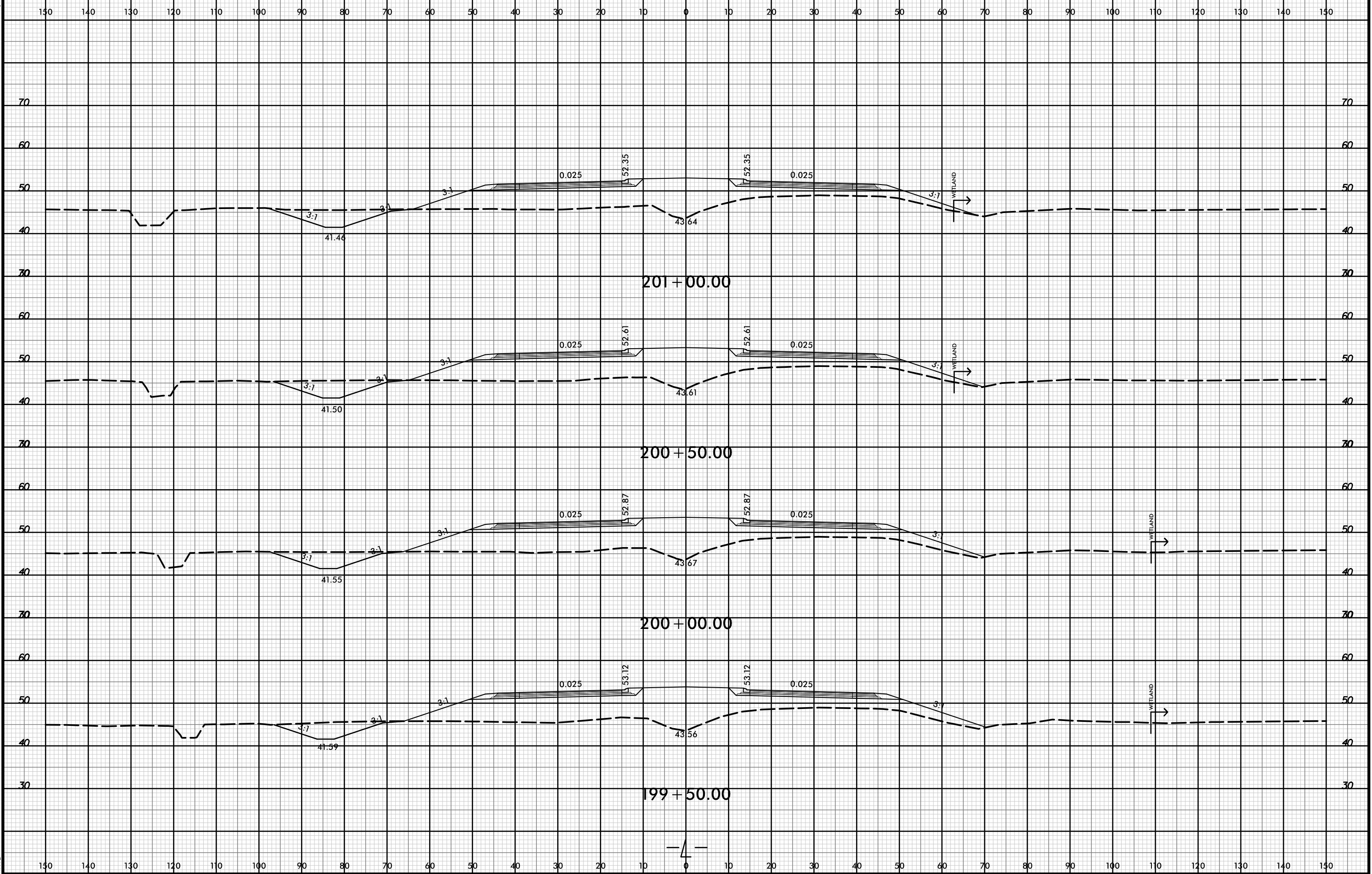


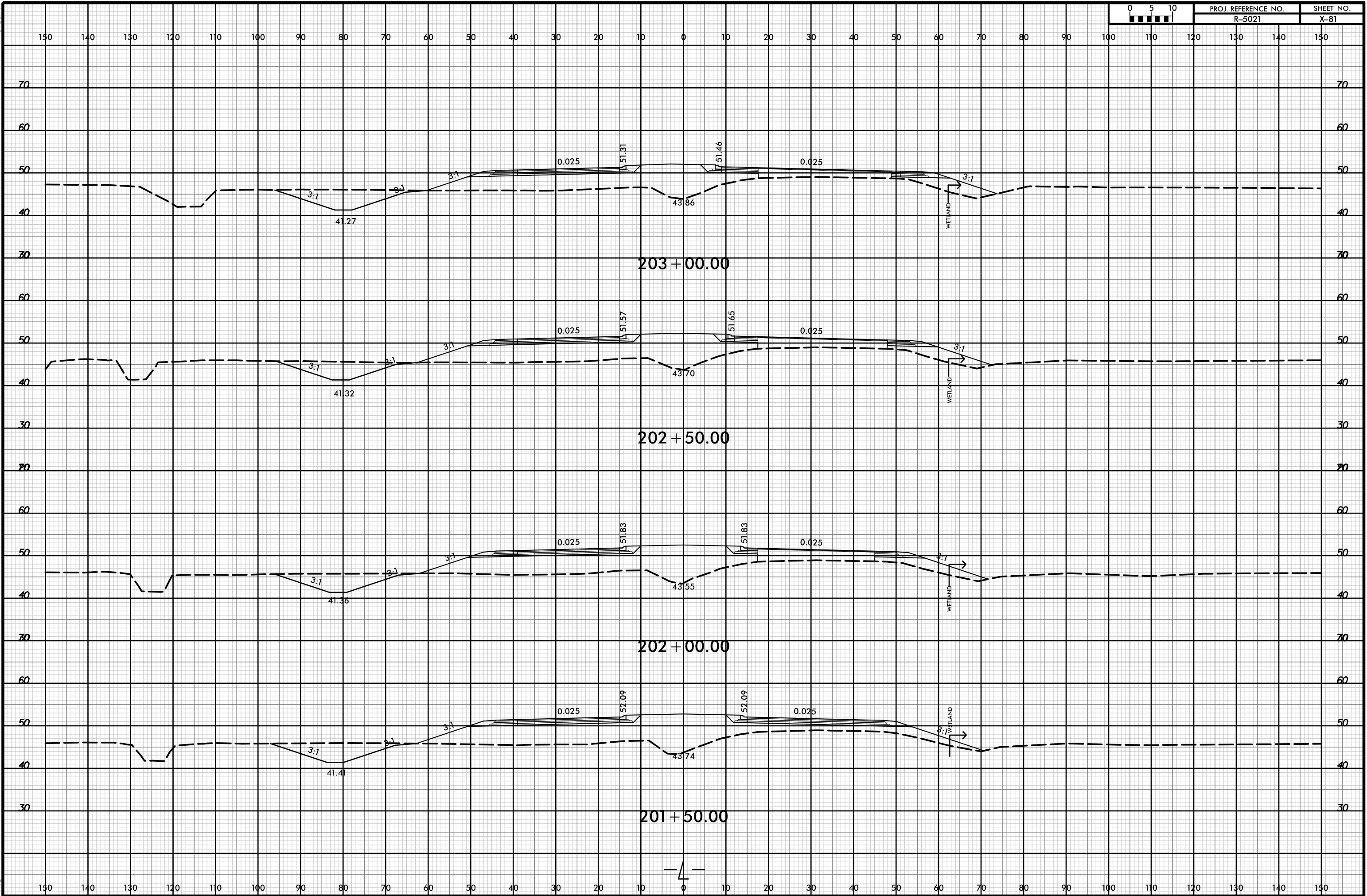
PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-78

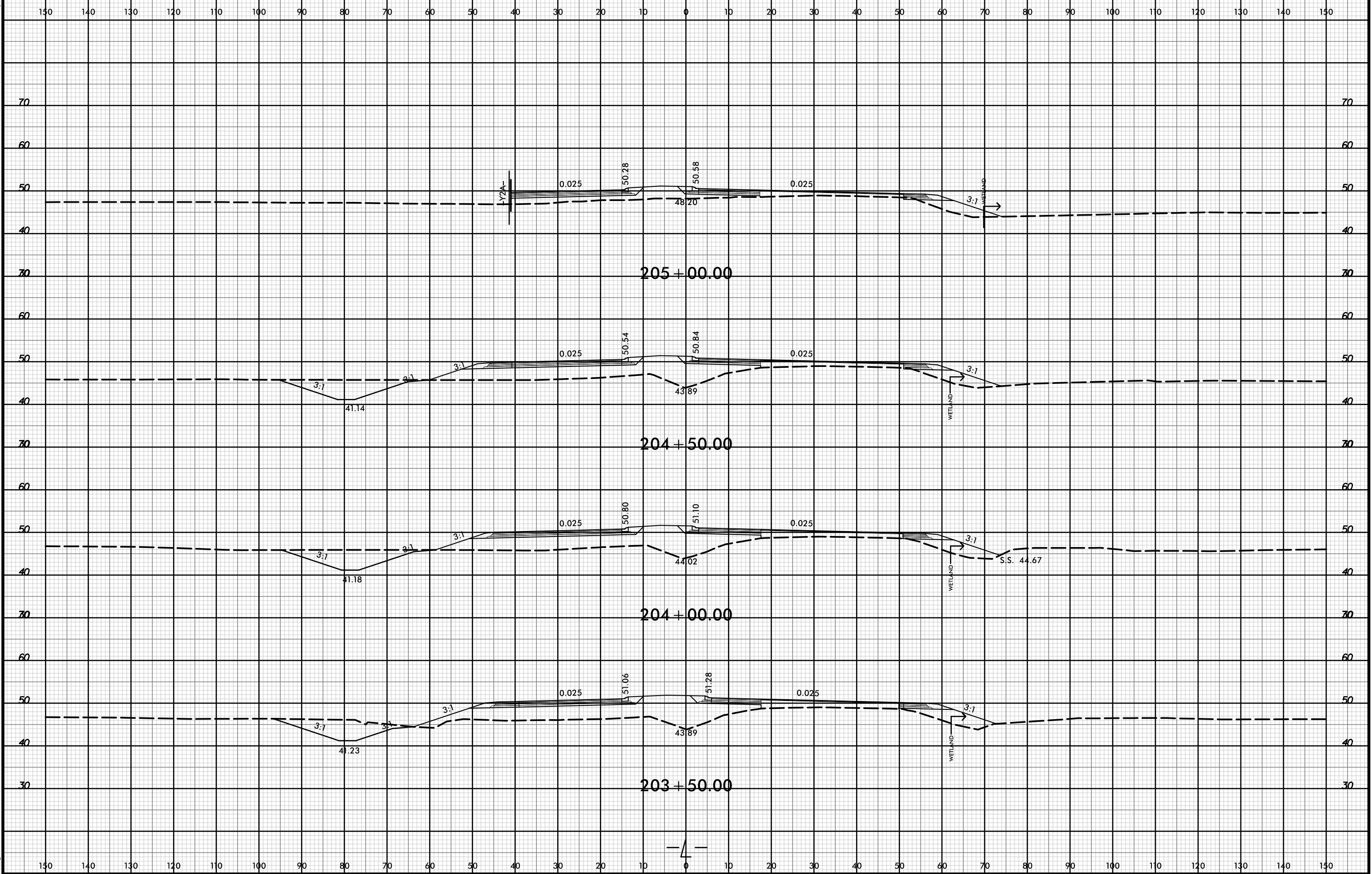


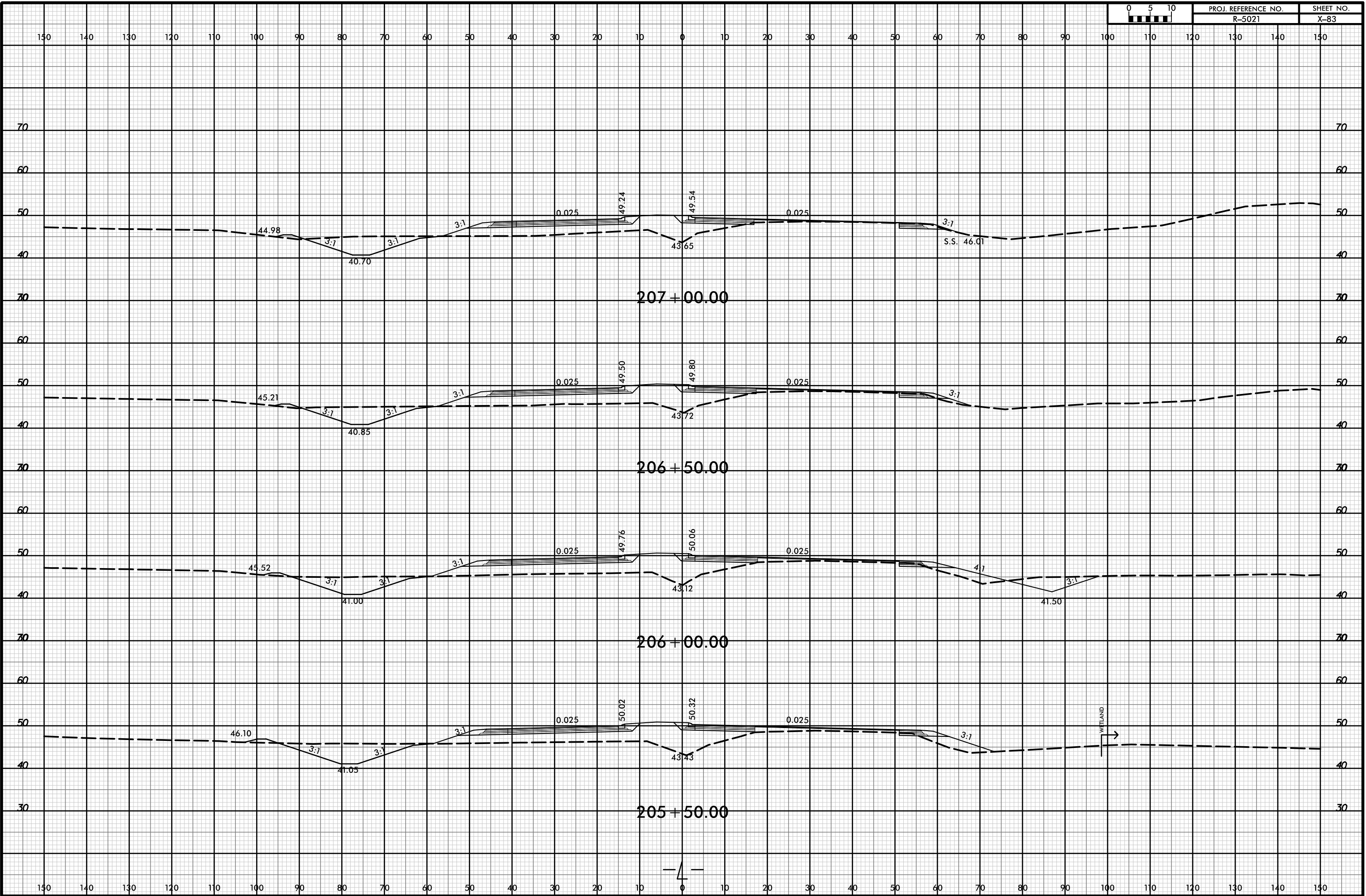
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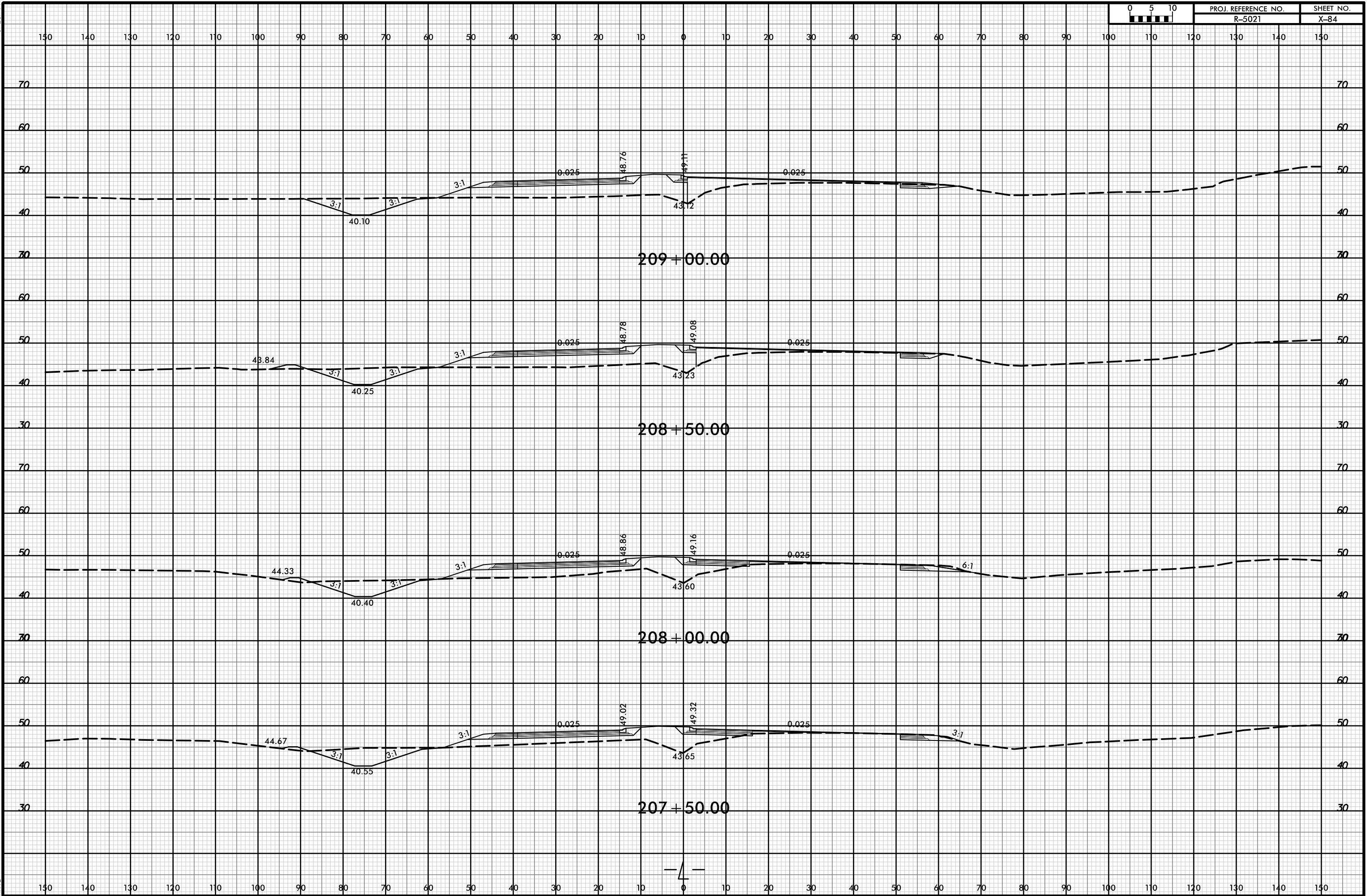


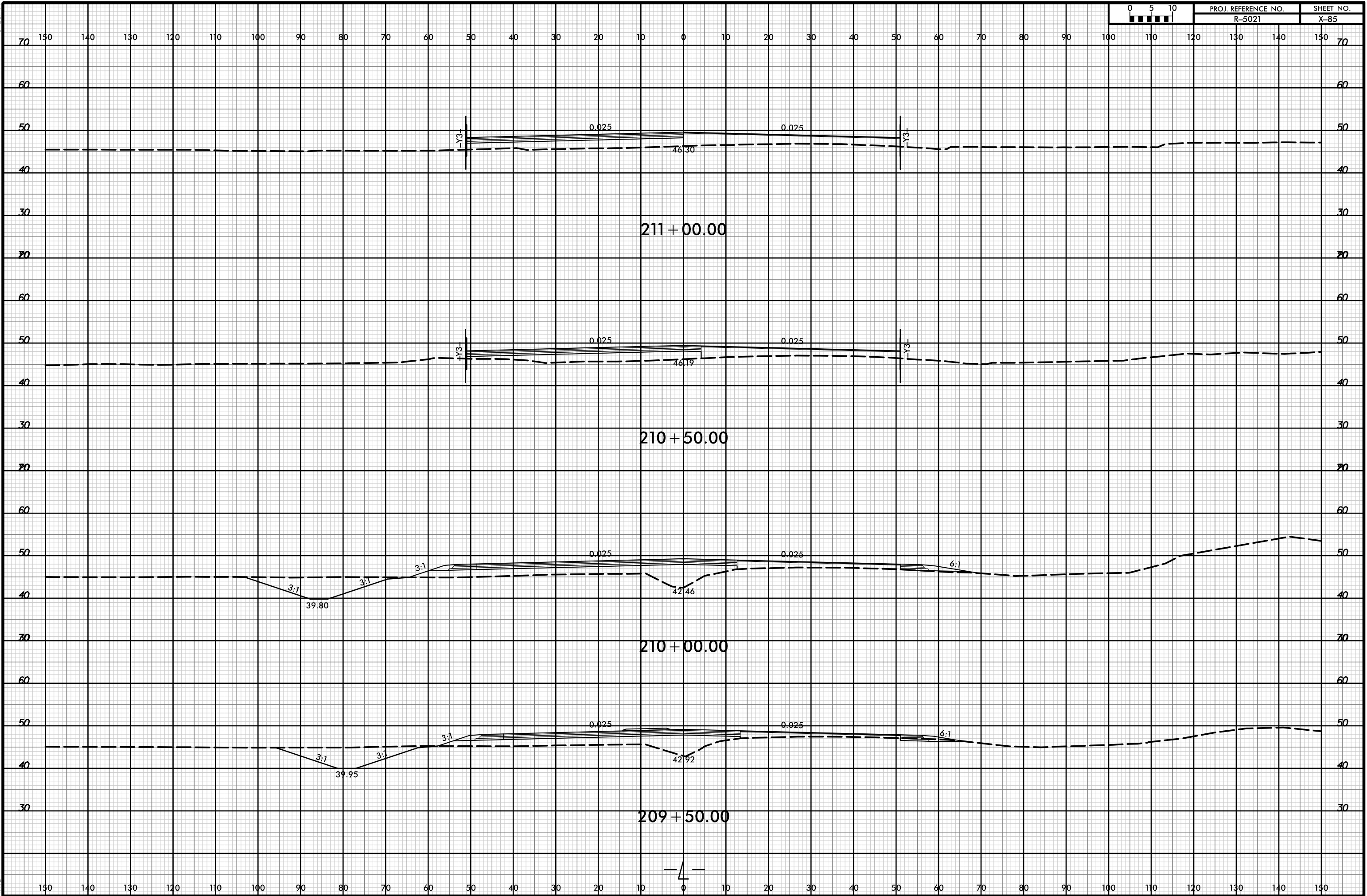








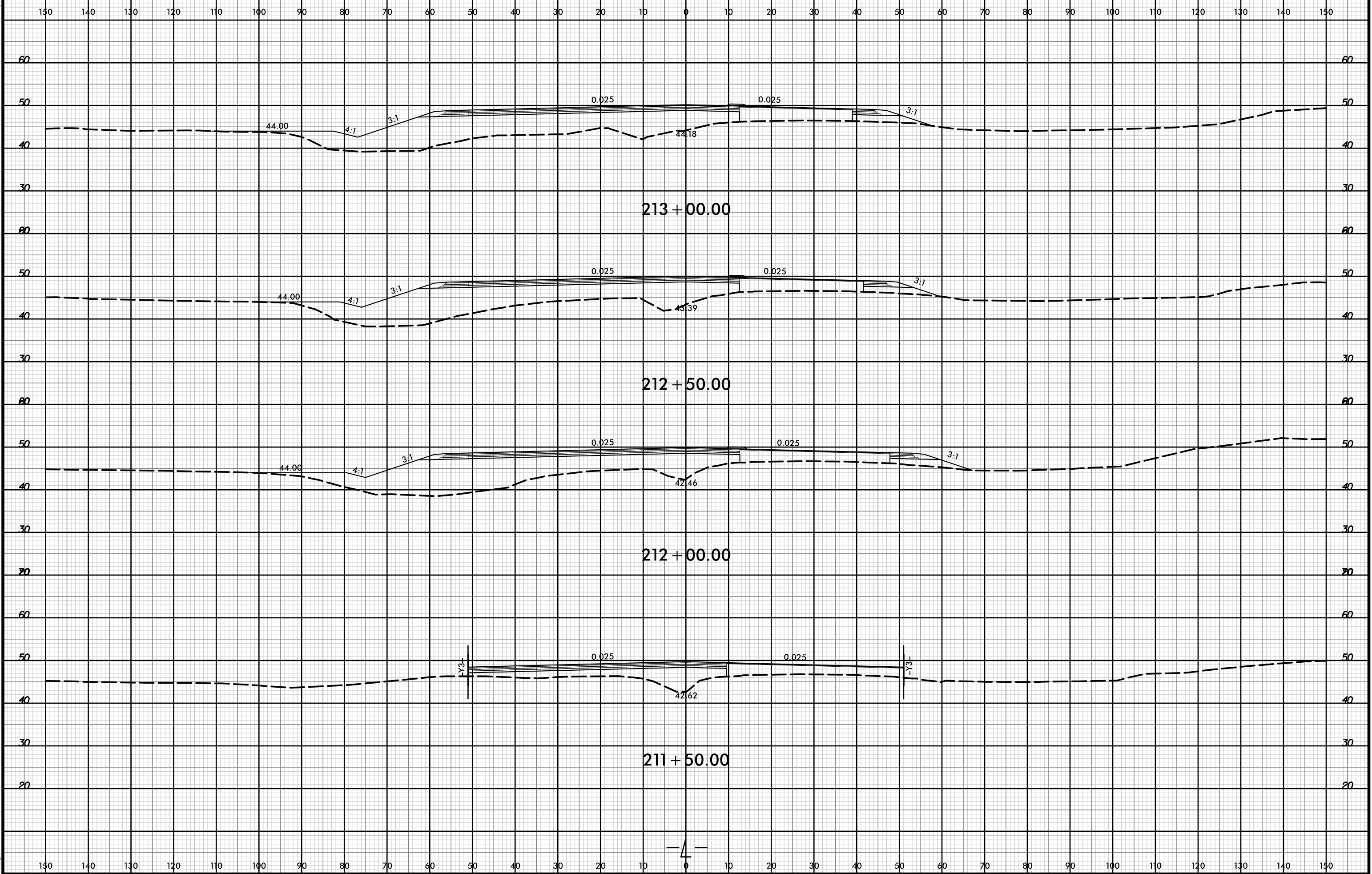




8/23/99

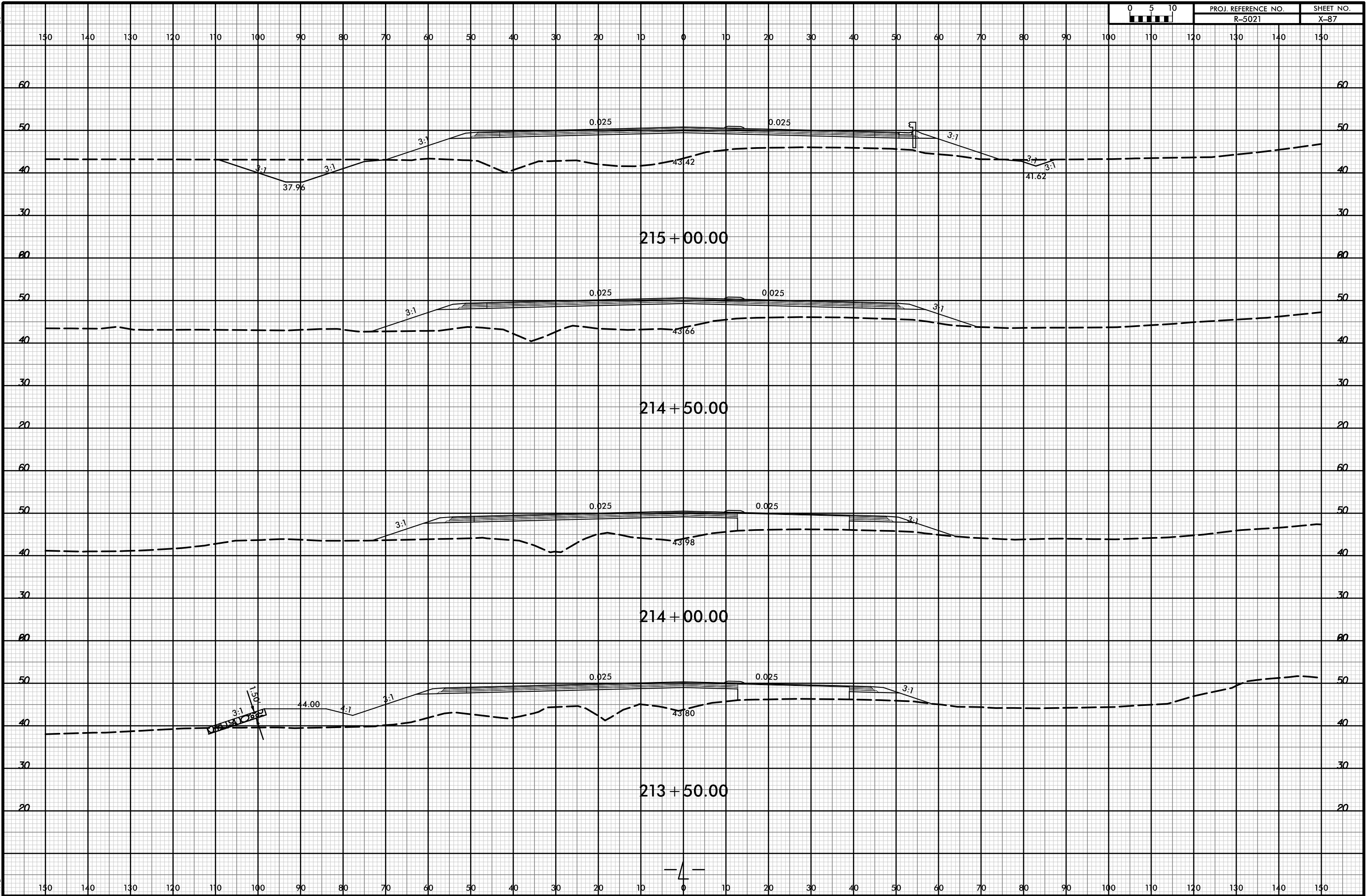


PROJ. REFERENCE NO. R-5021 SHEET NO. X-86



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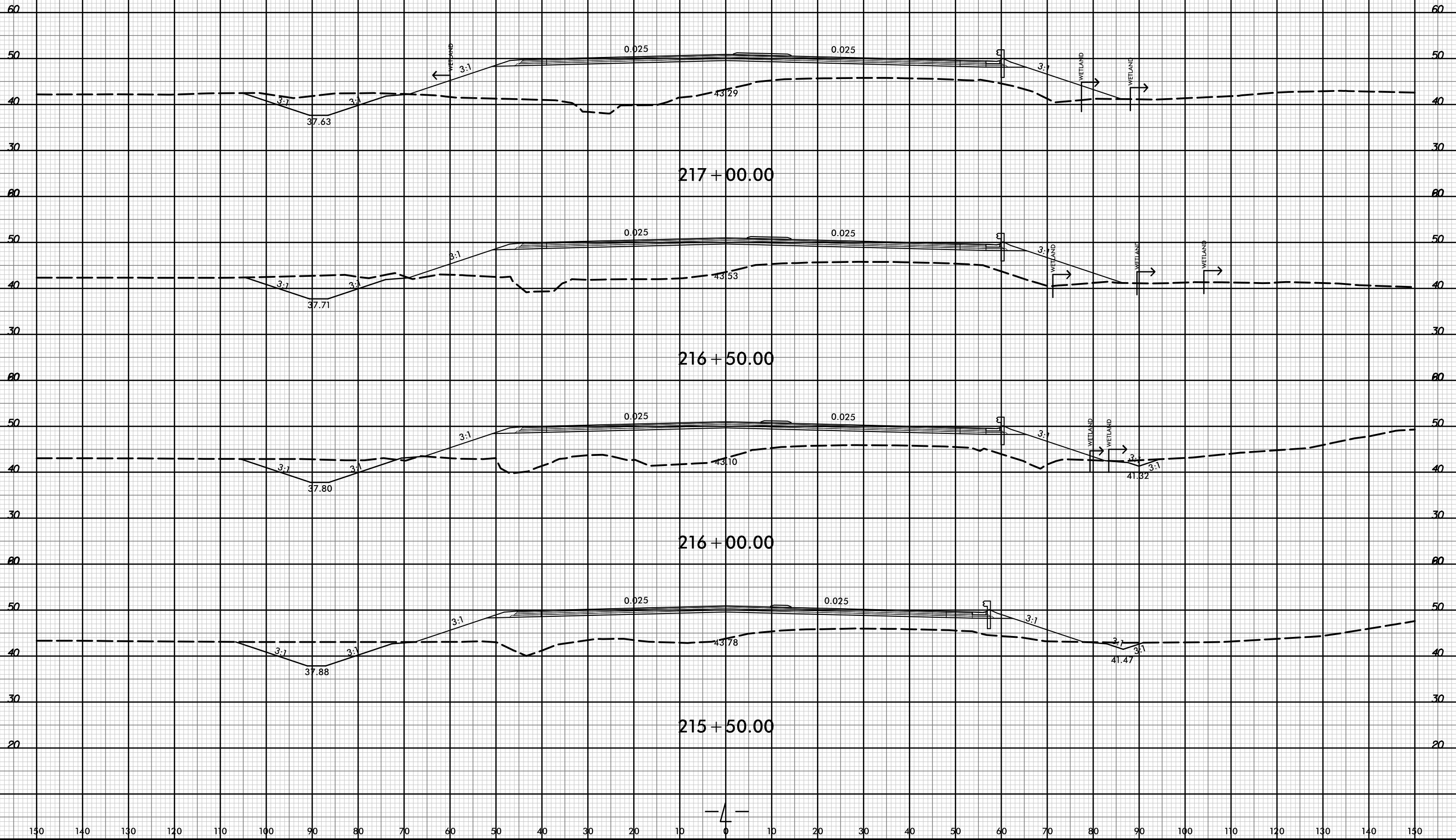
8/23/99



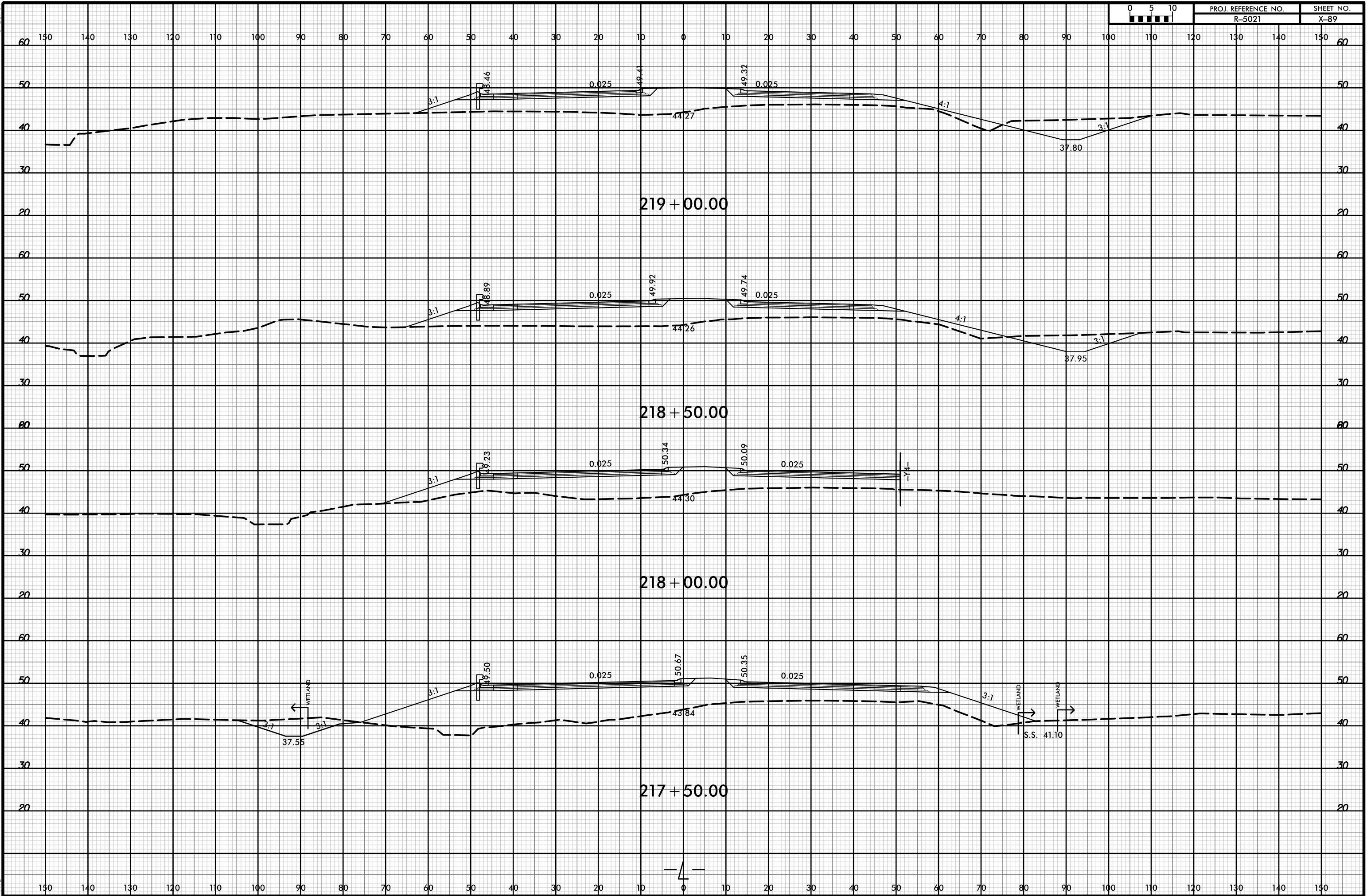
PROJ. REFERENCE NO.  
R-5021

SHEET NO.  
X-88

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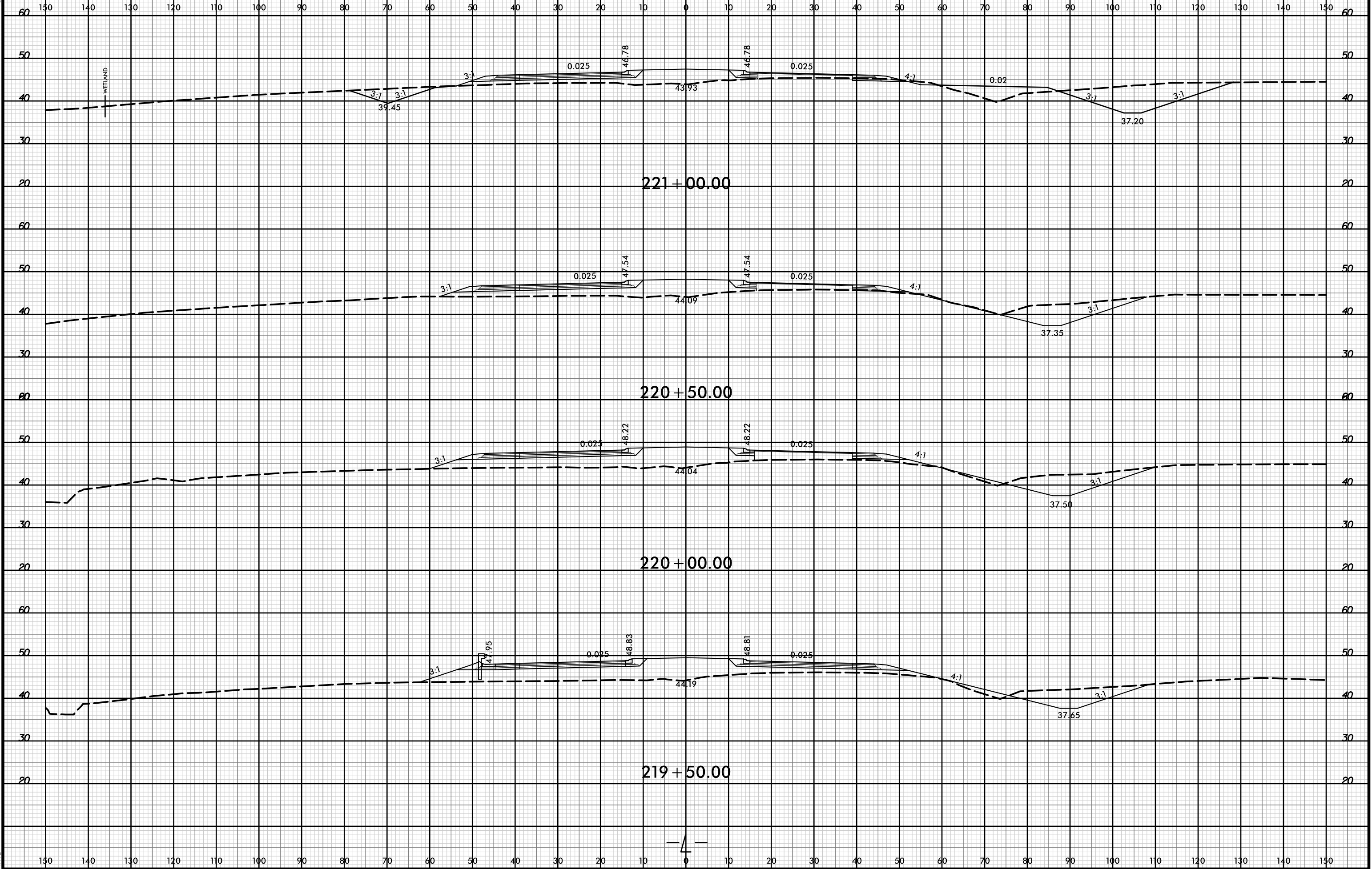
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8/23/99

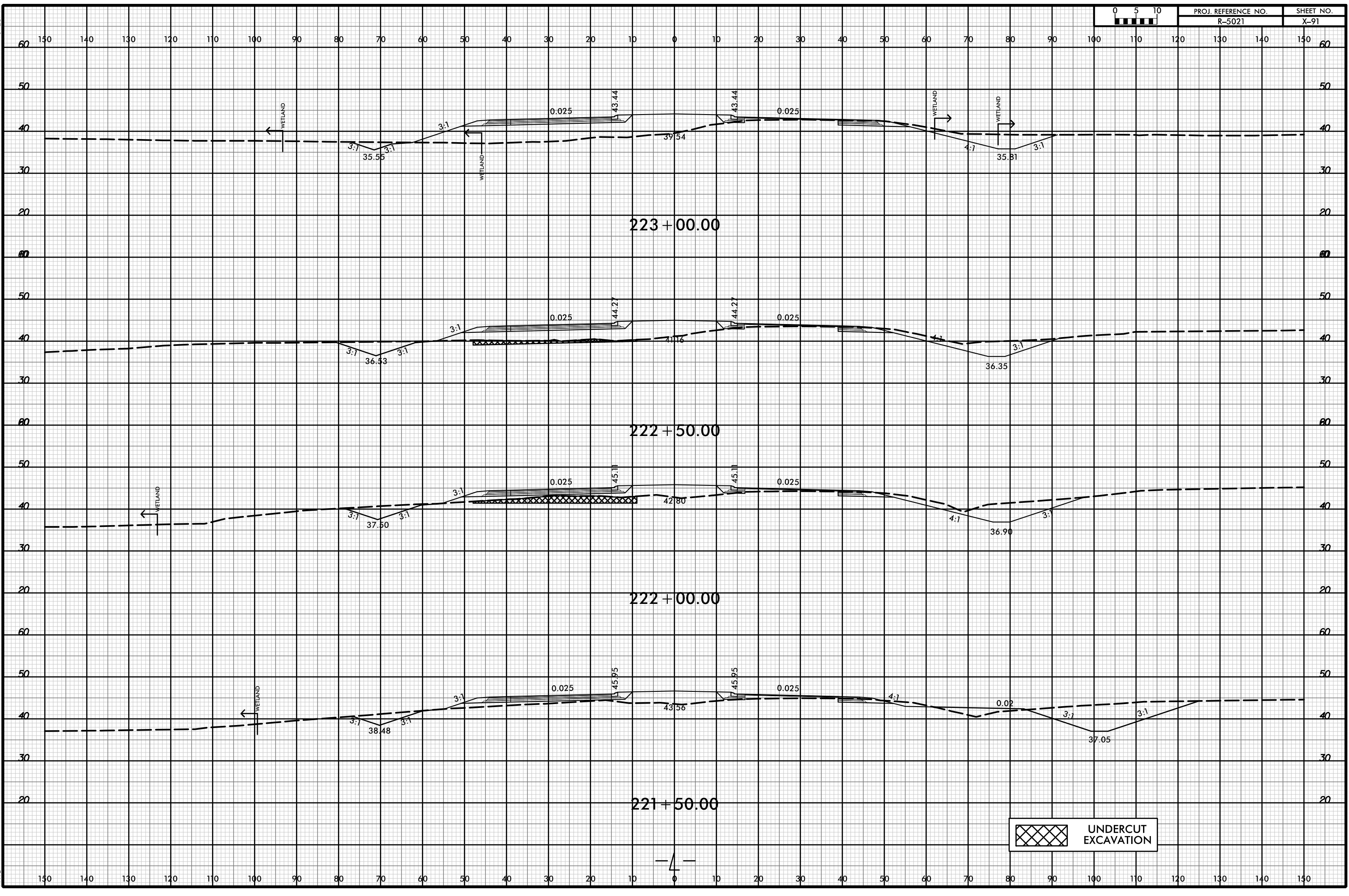


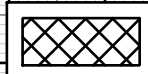
PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-90



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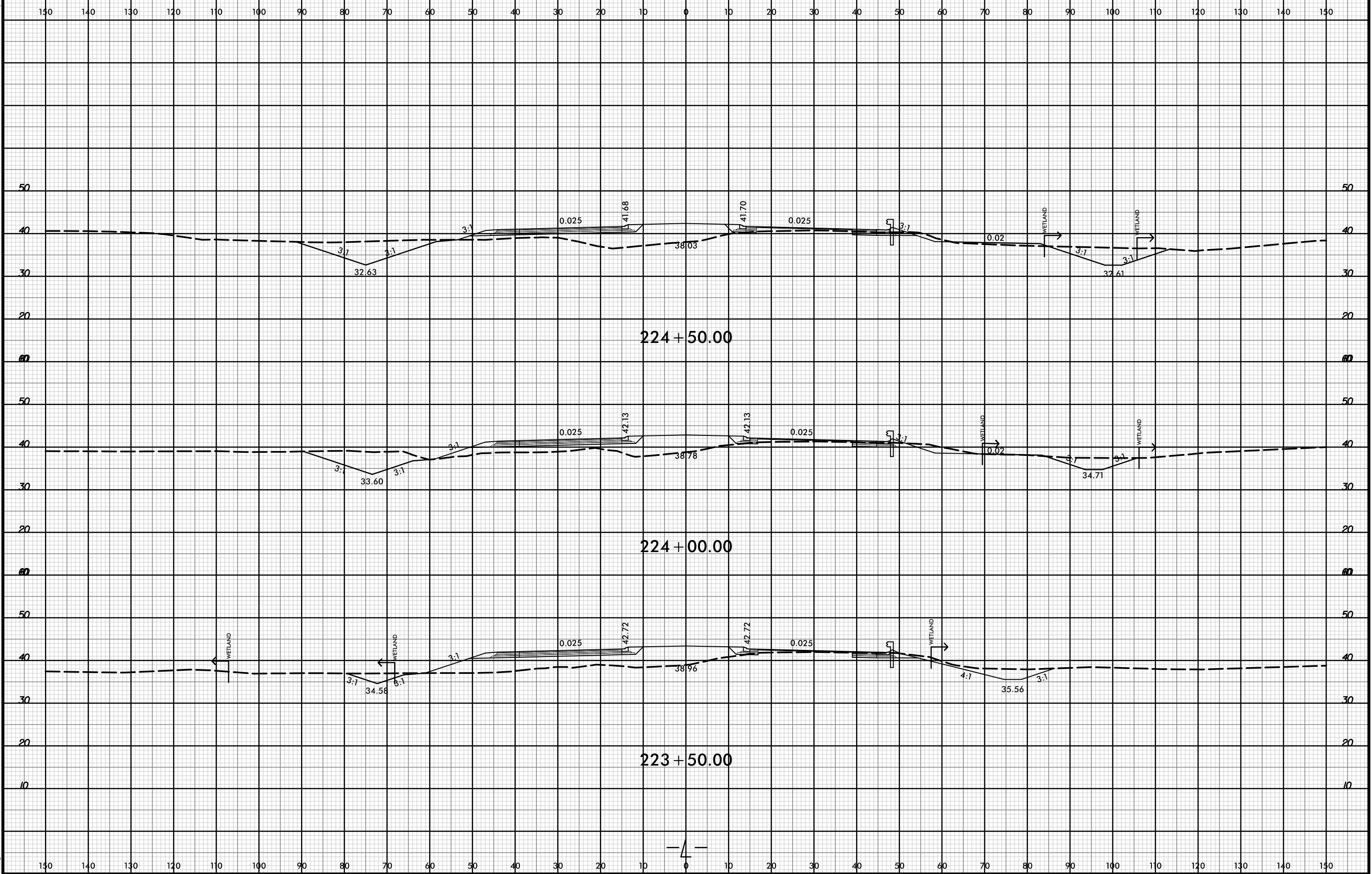
 UNDERCUT EXCAVATION



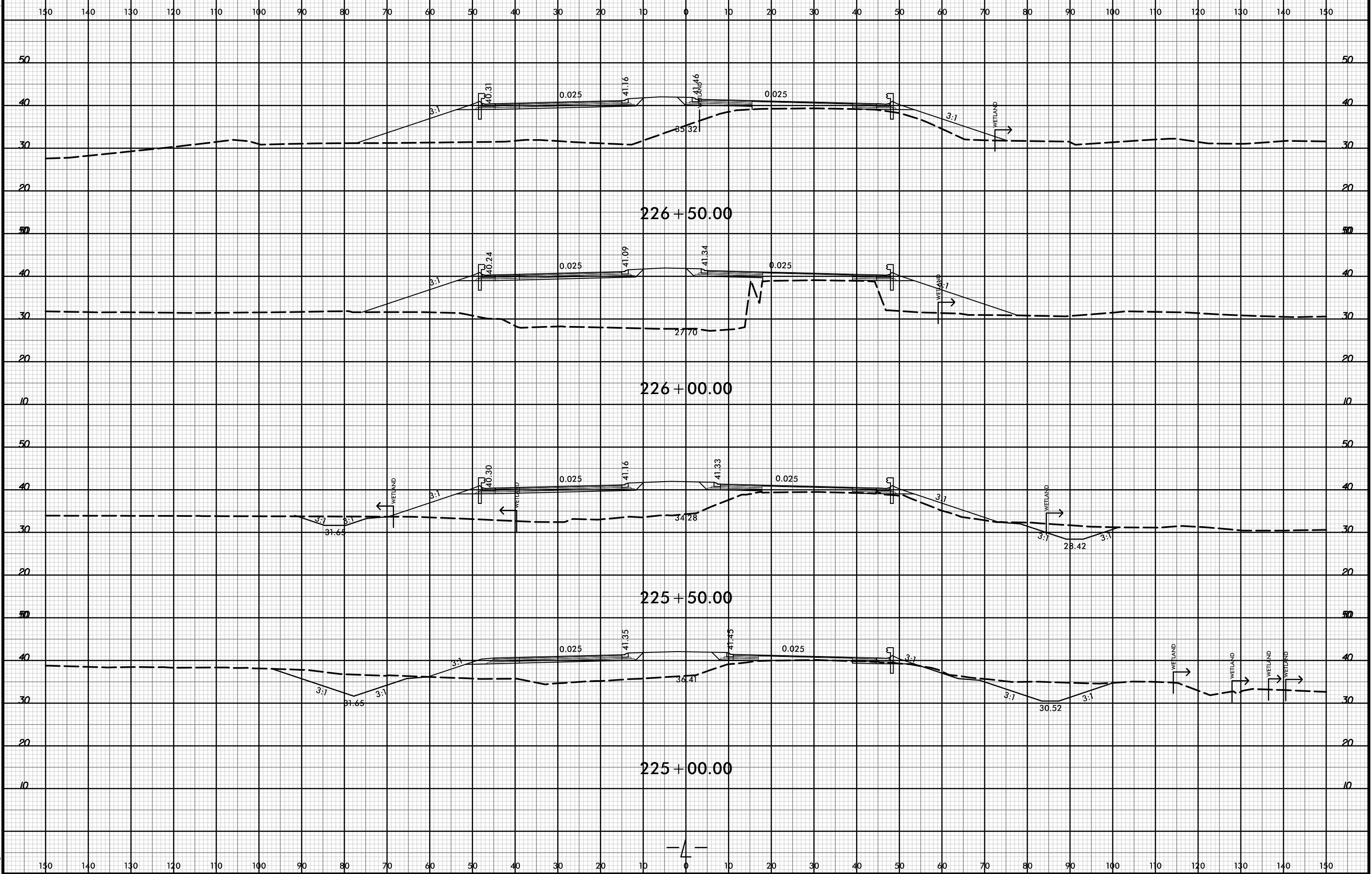
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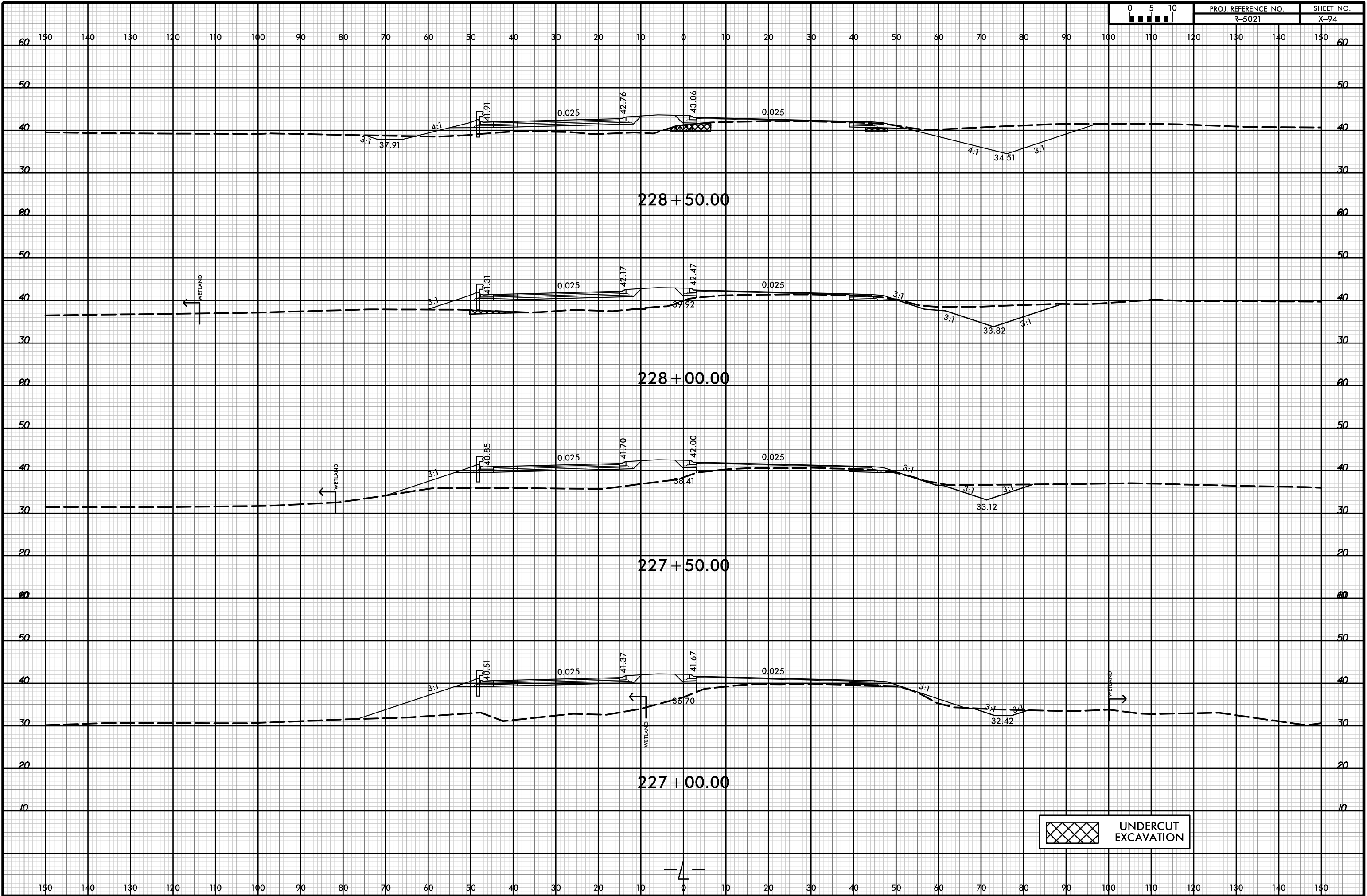


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R-5021	X-92

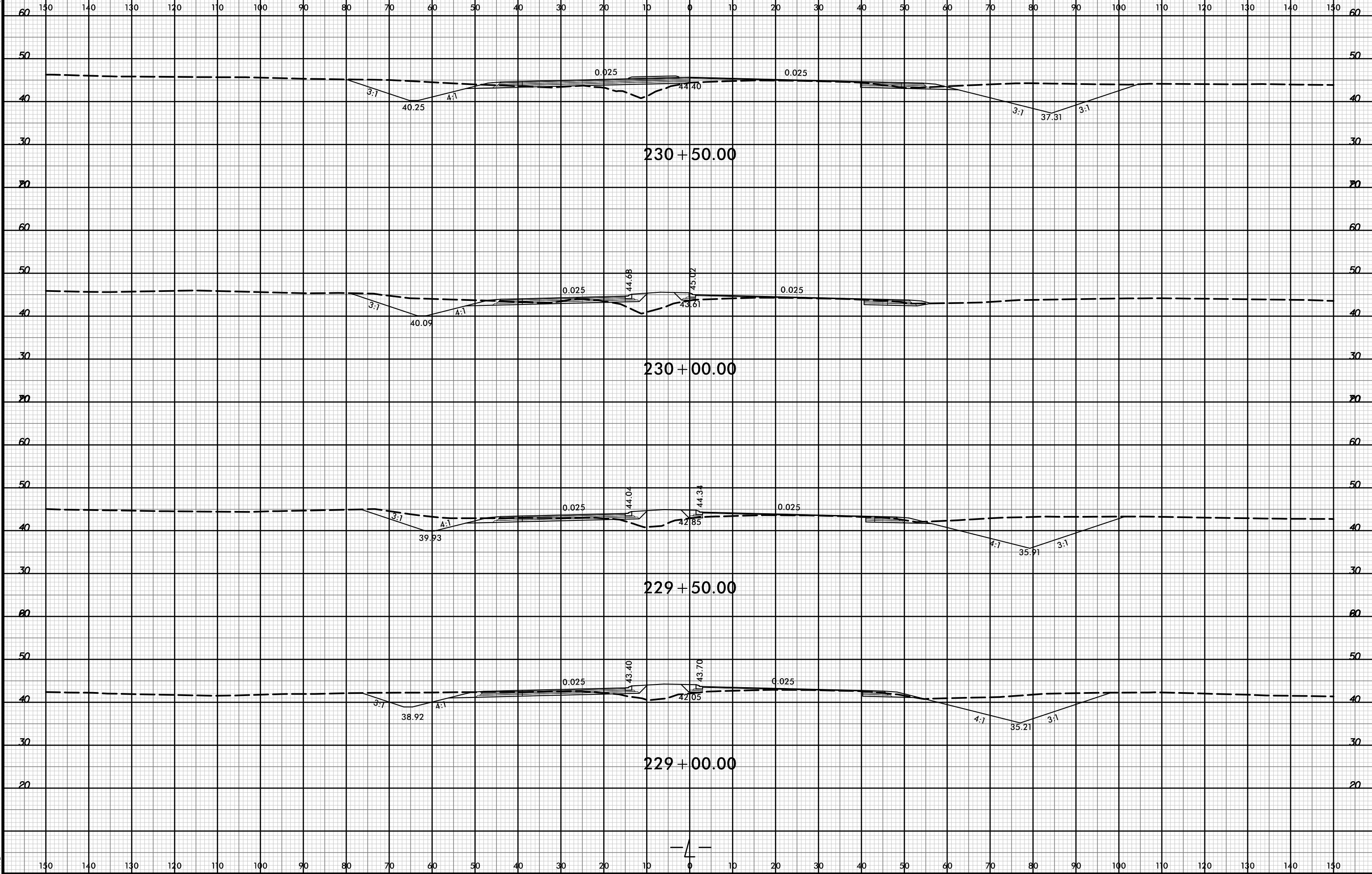


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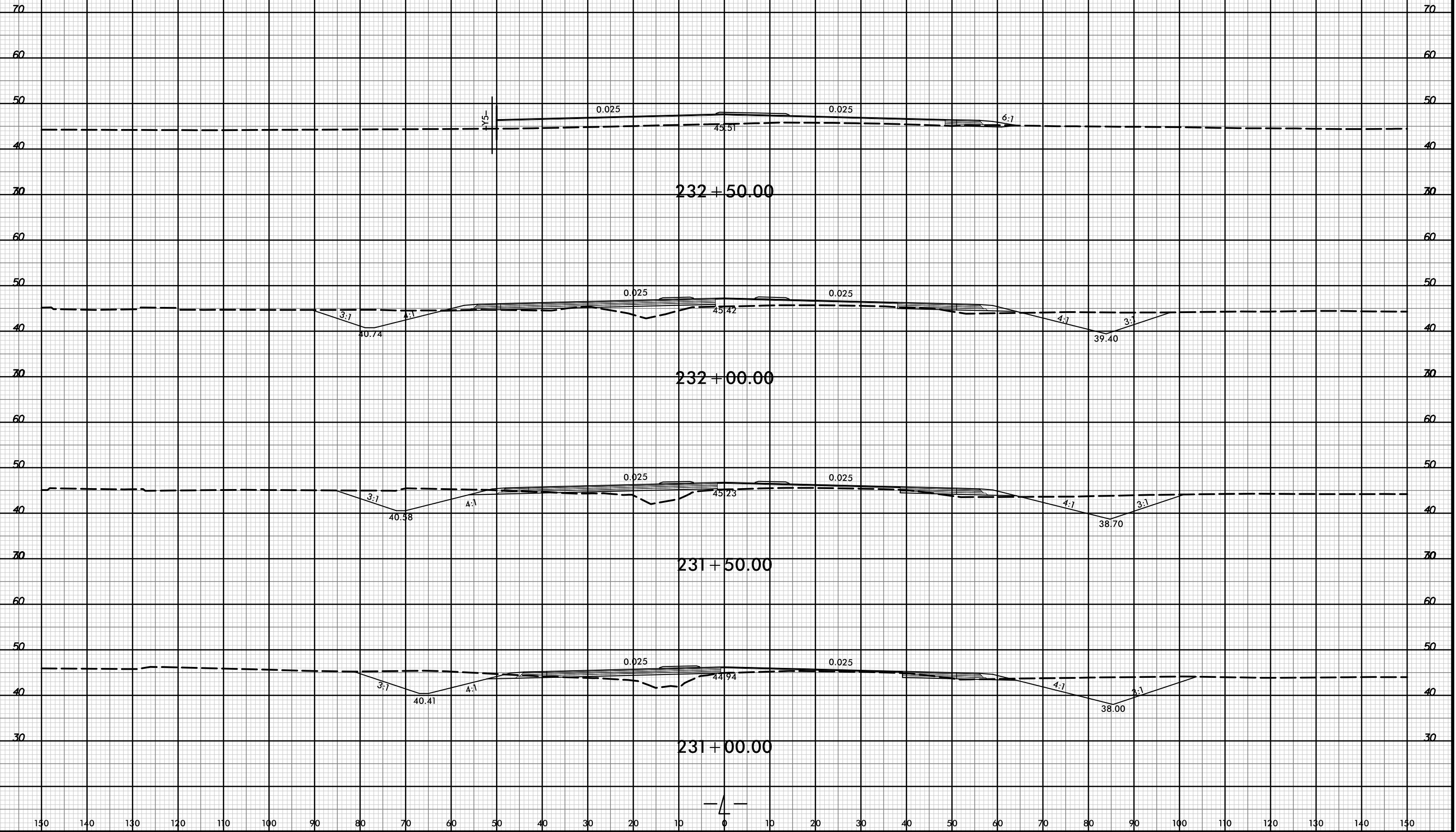


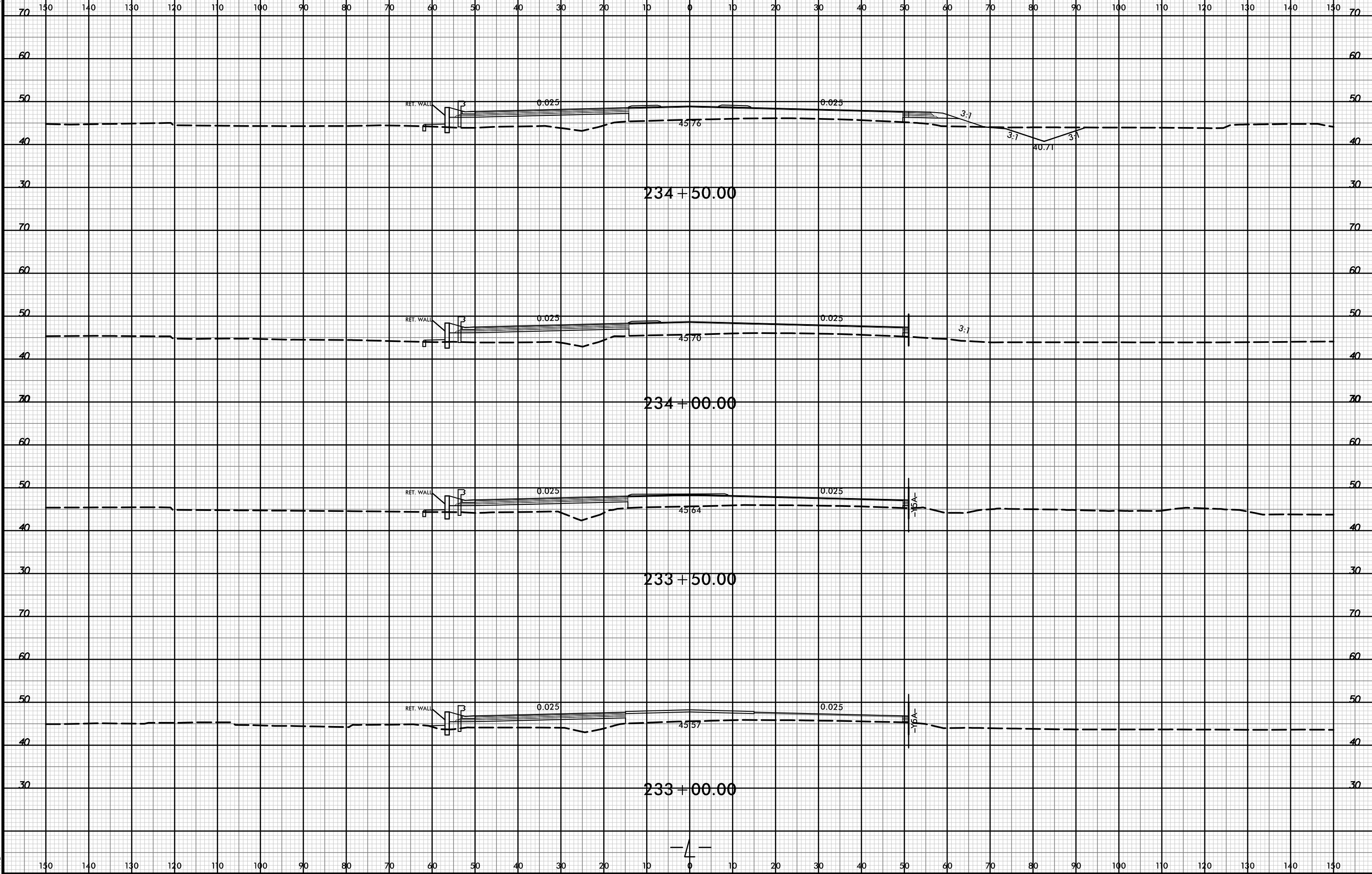


UNDERCUT EXCAVATION



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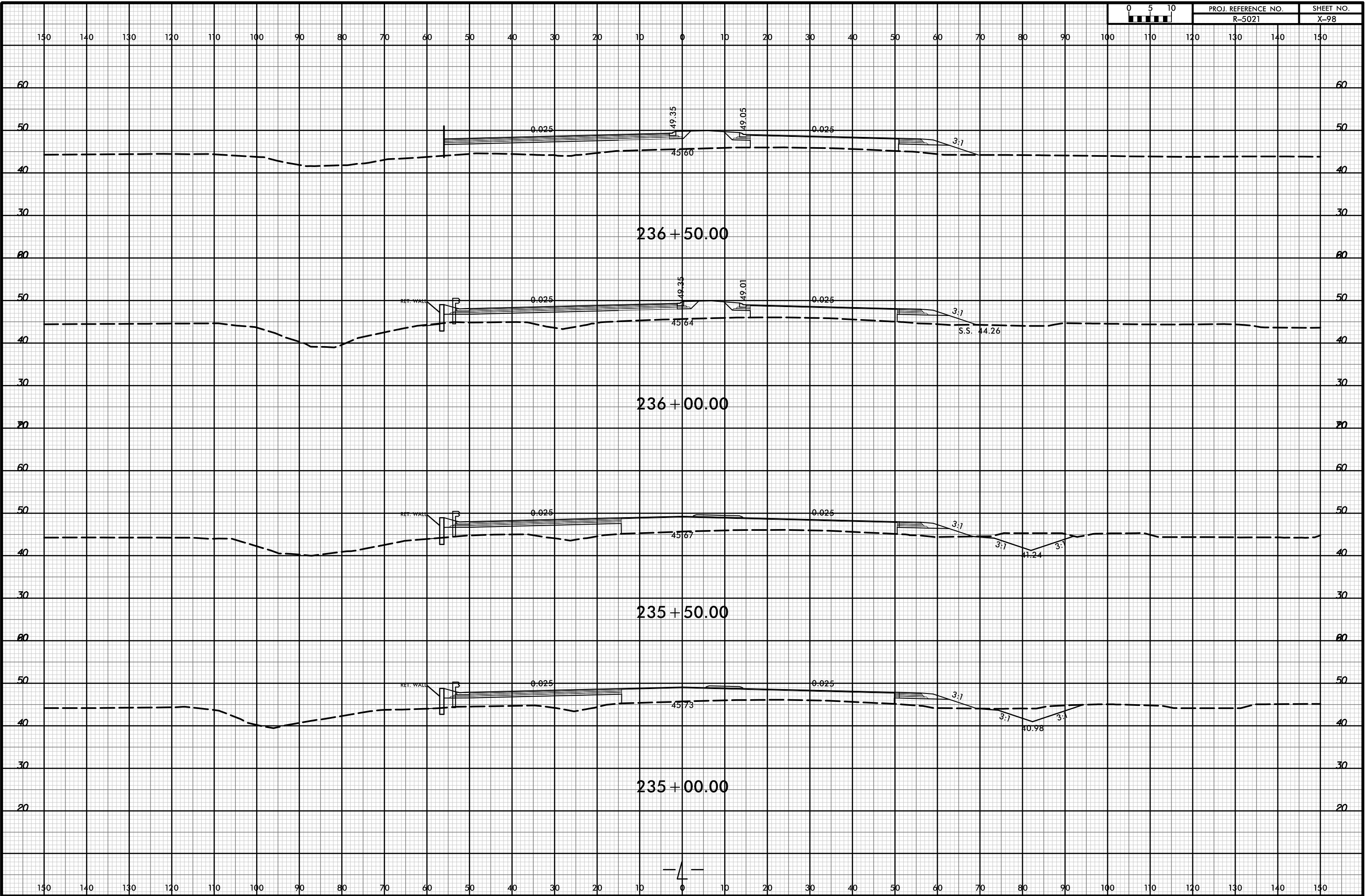




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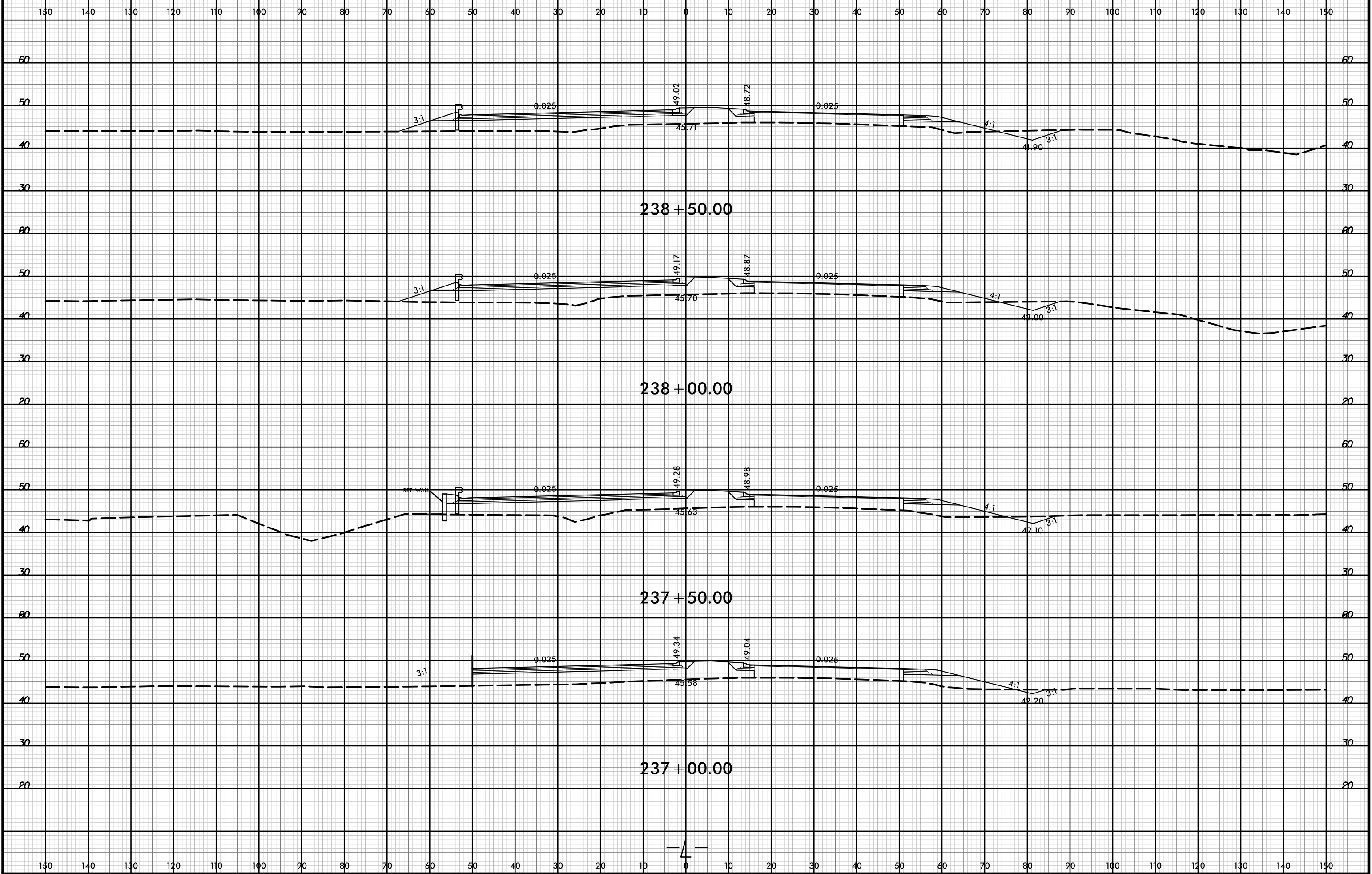


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SHEET NO. X-98



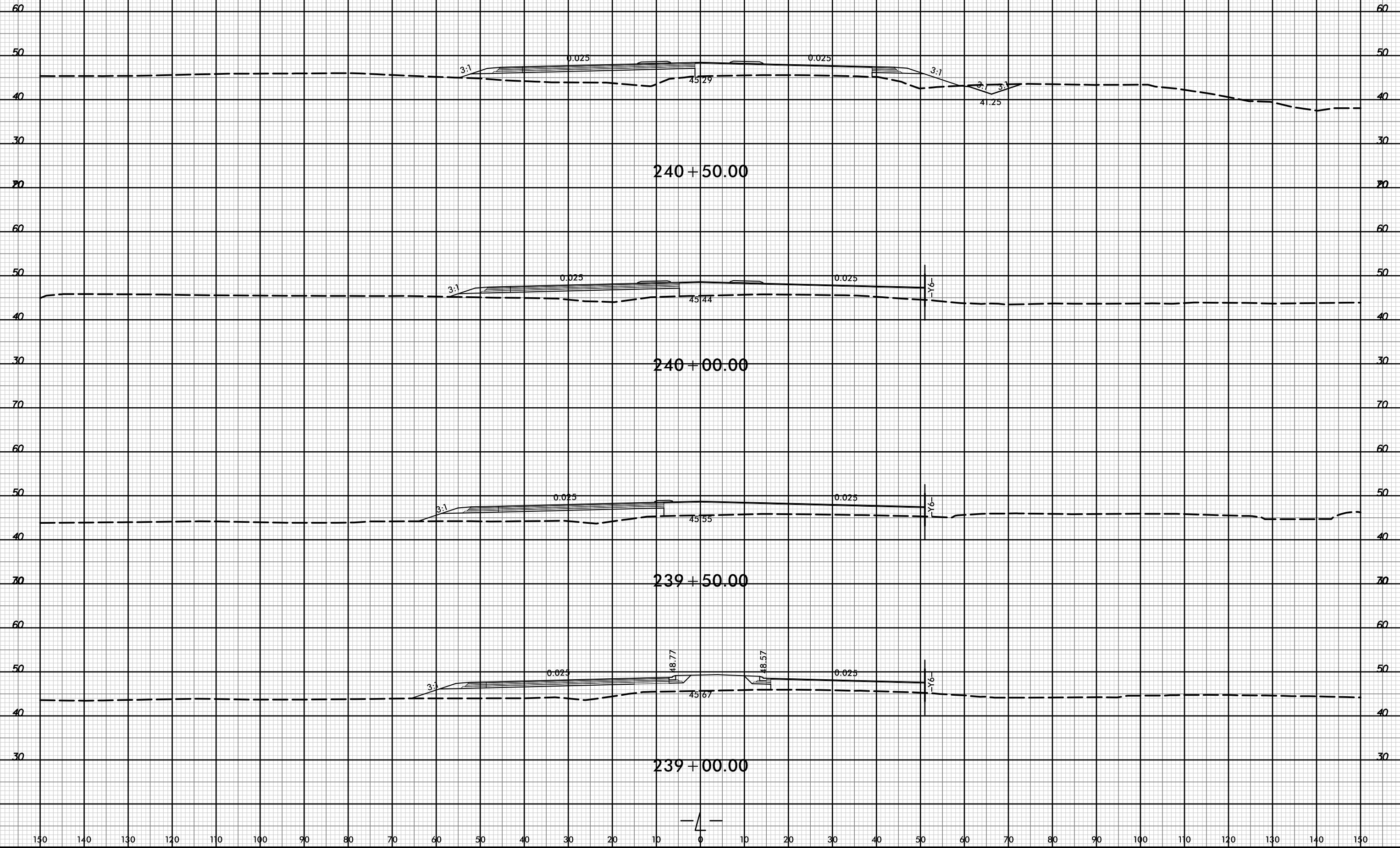
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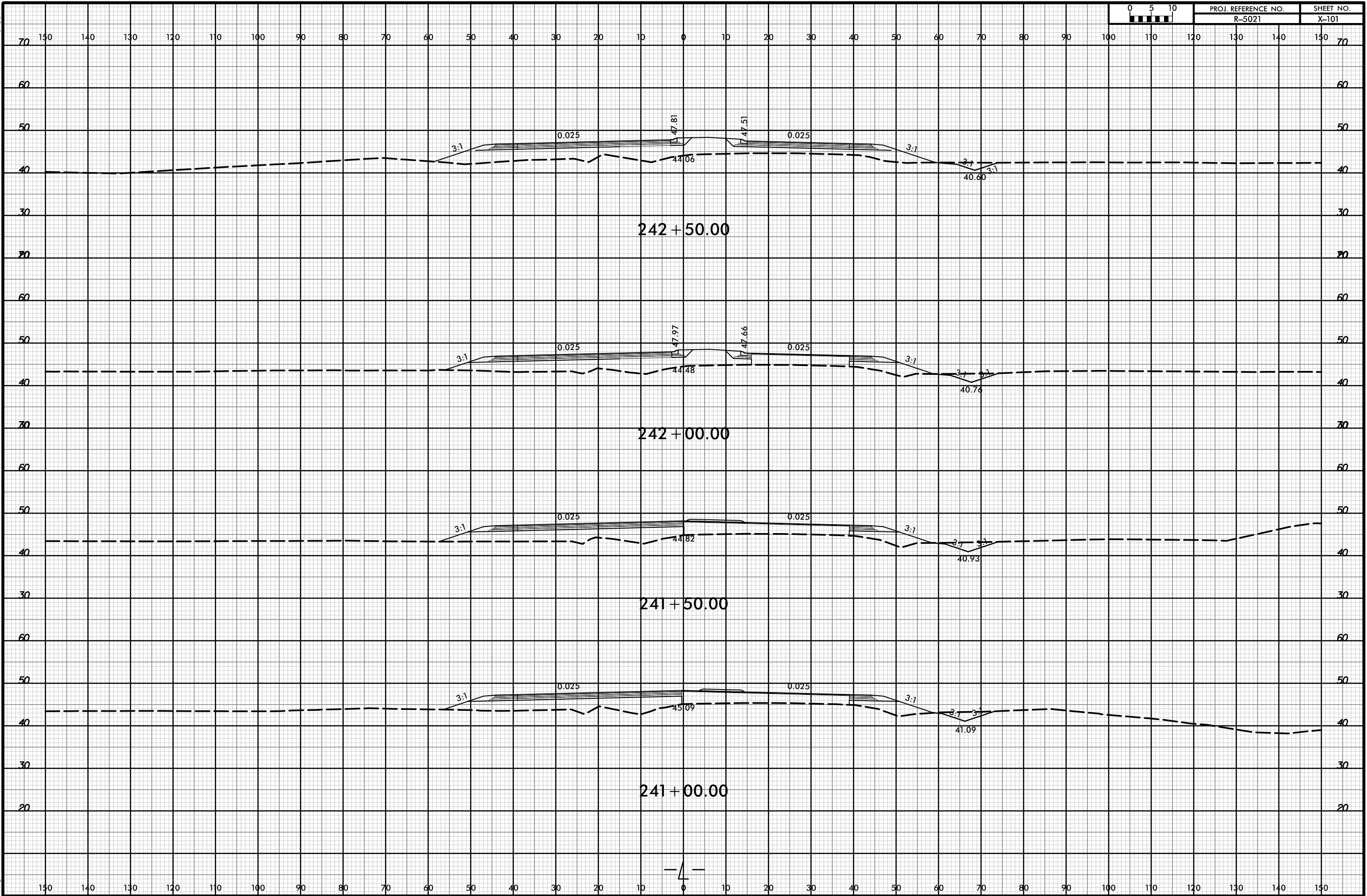


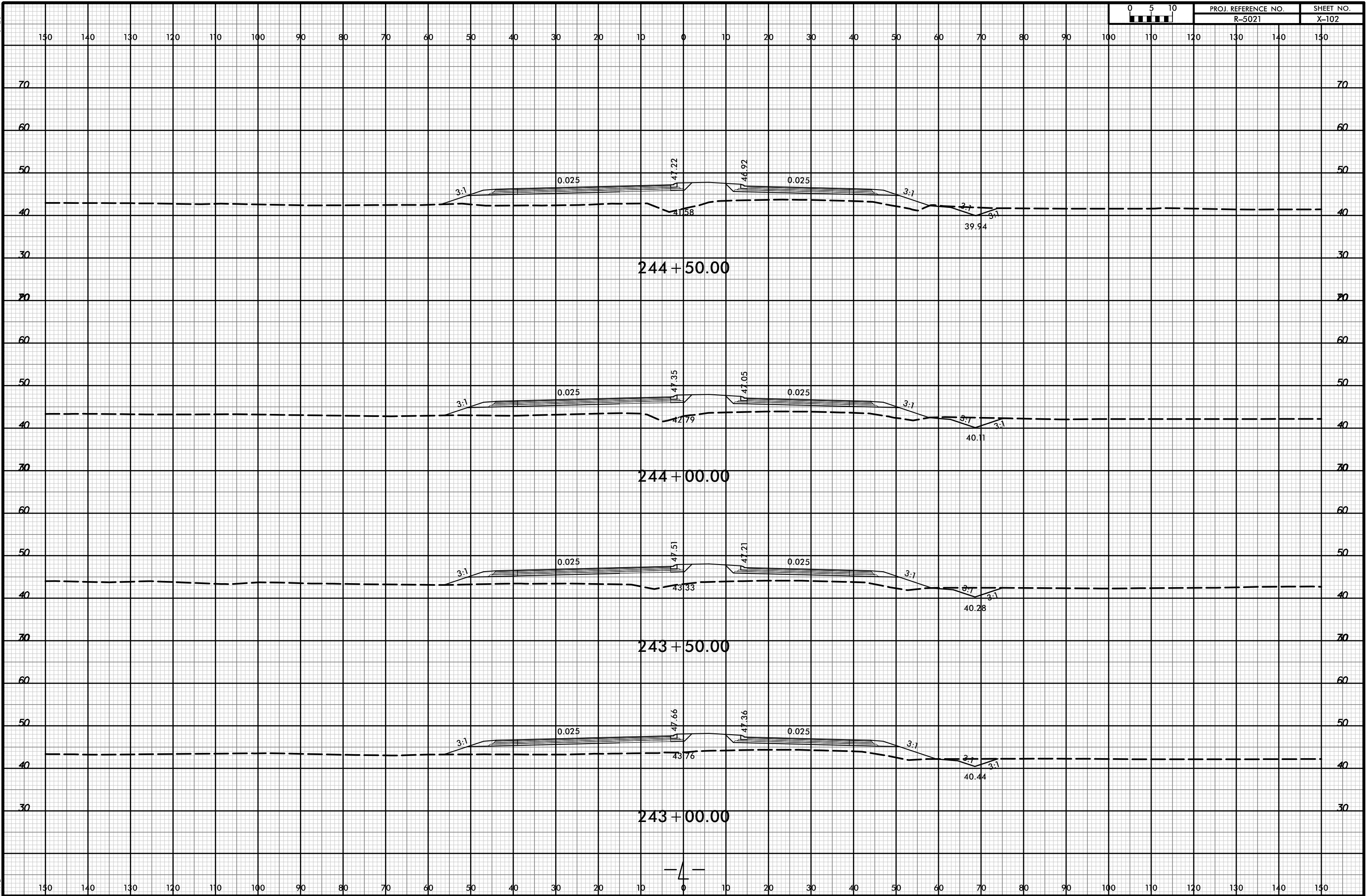


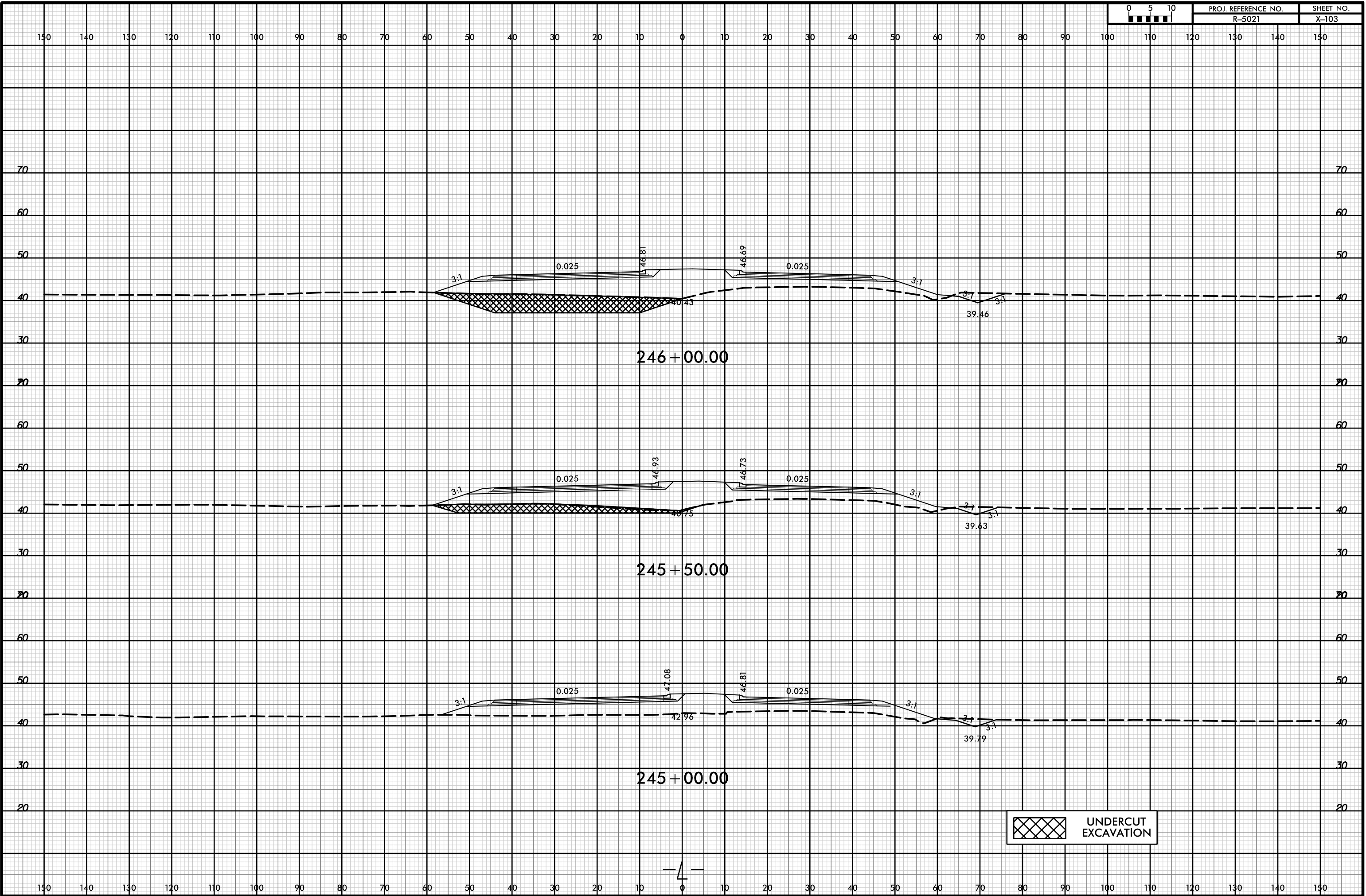


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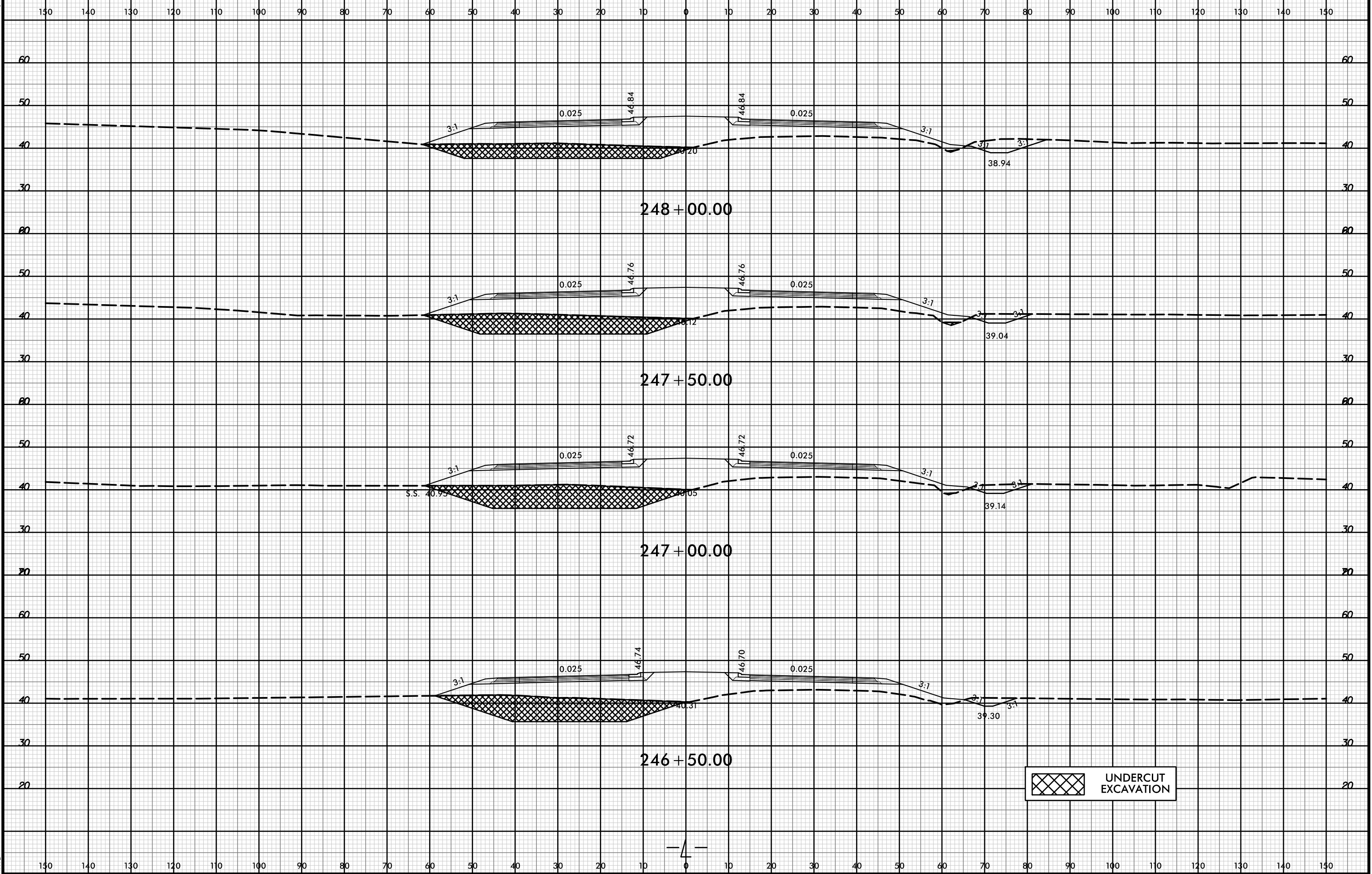






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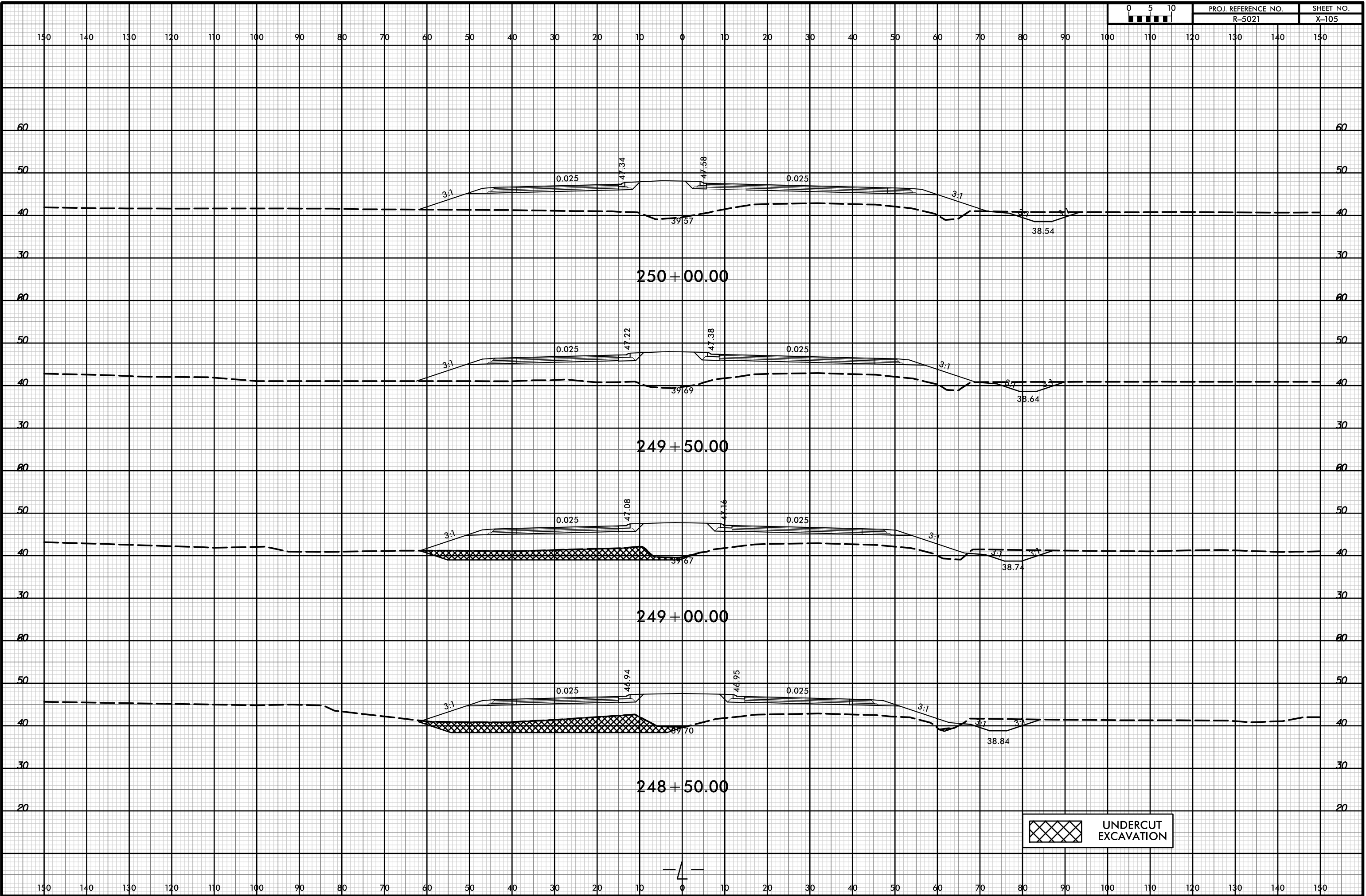




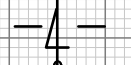
8/23/99



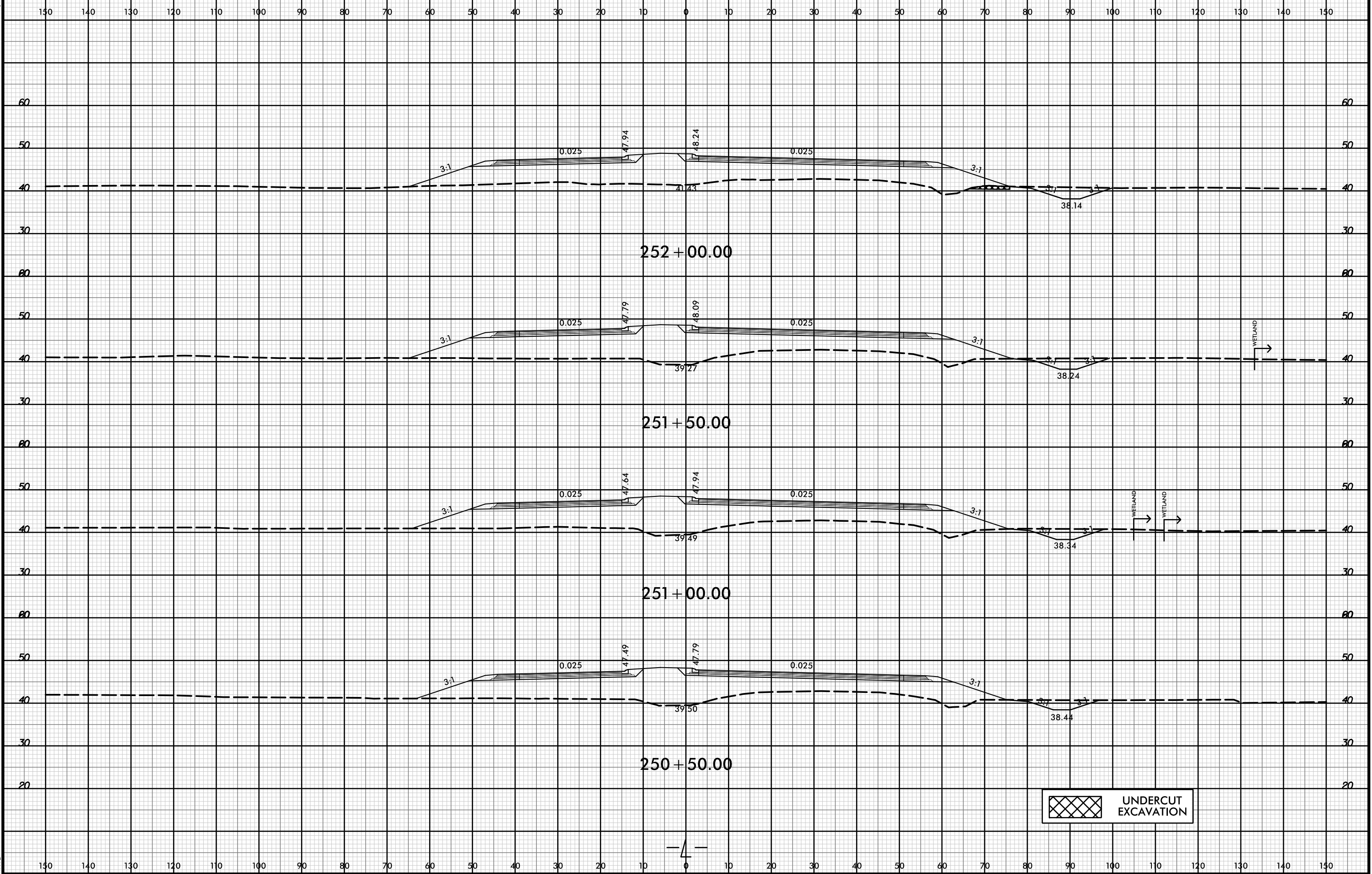
PROJ. REFERENCE NO. R-5021 SHEET NO. X-105



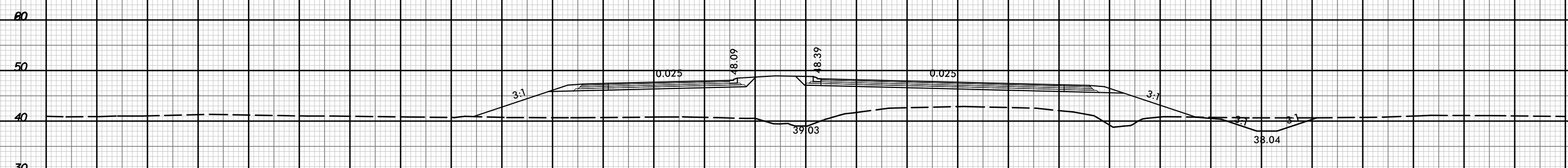
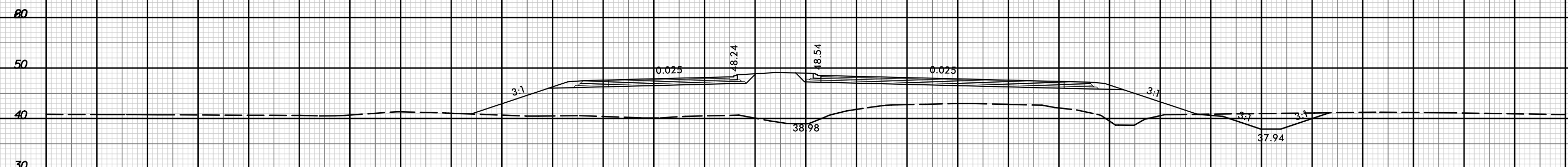
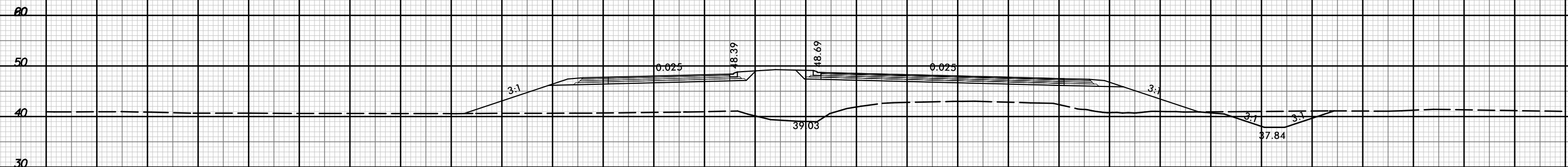
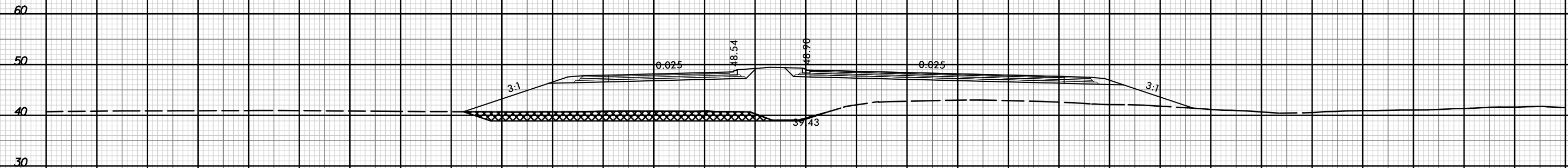
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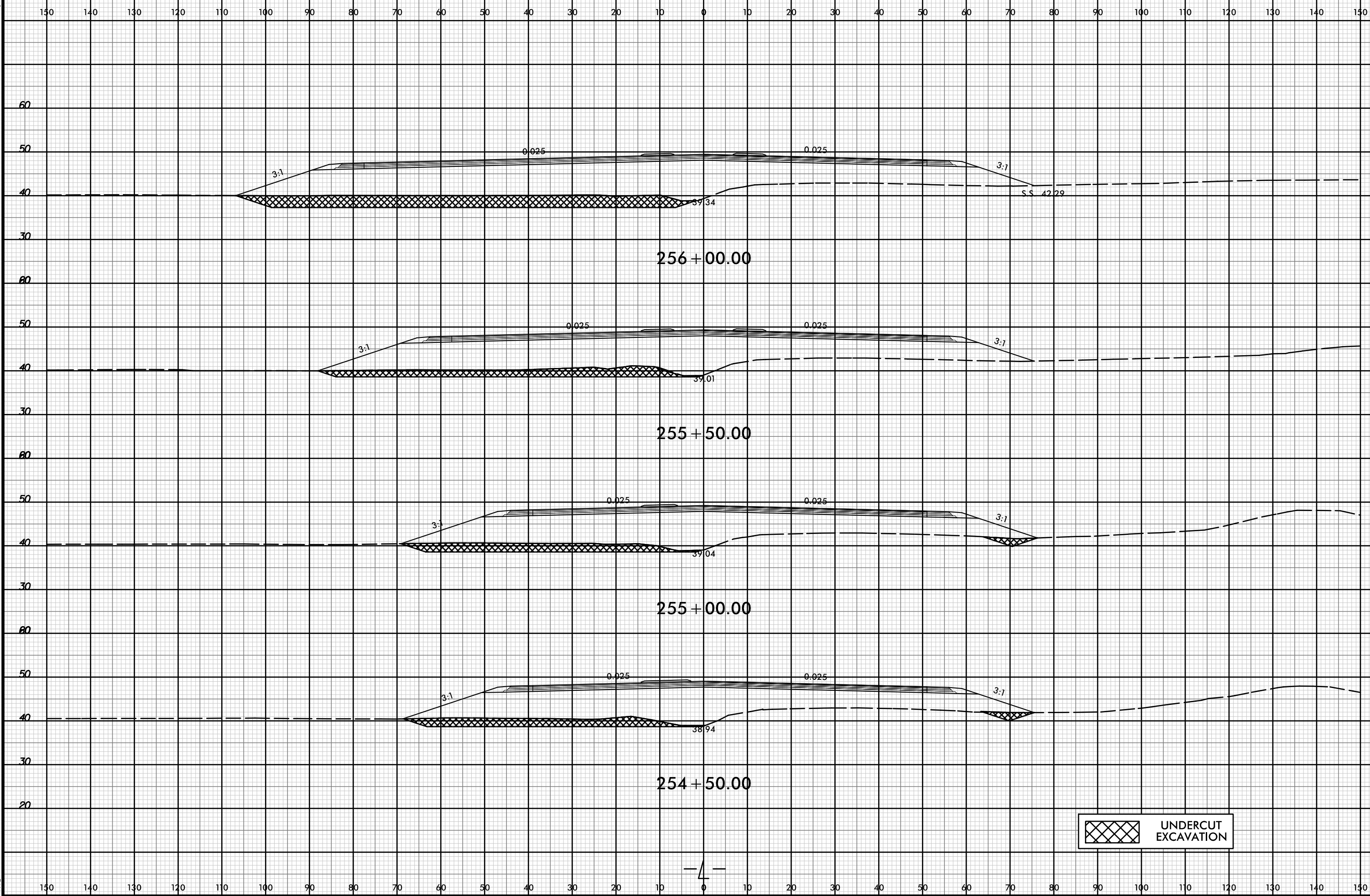


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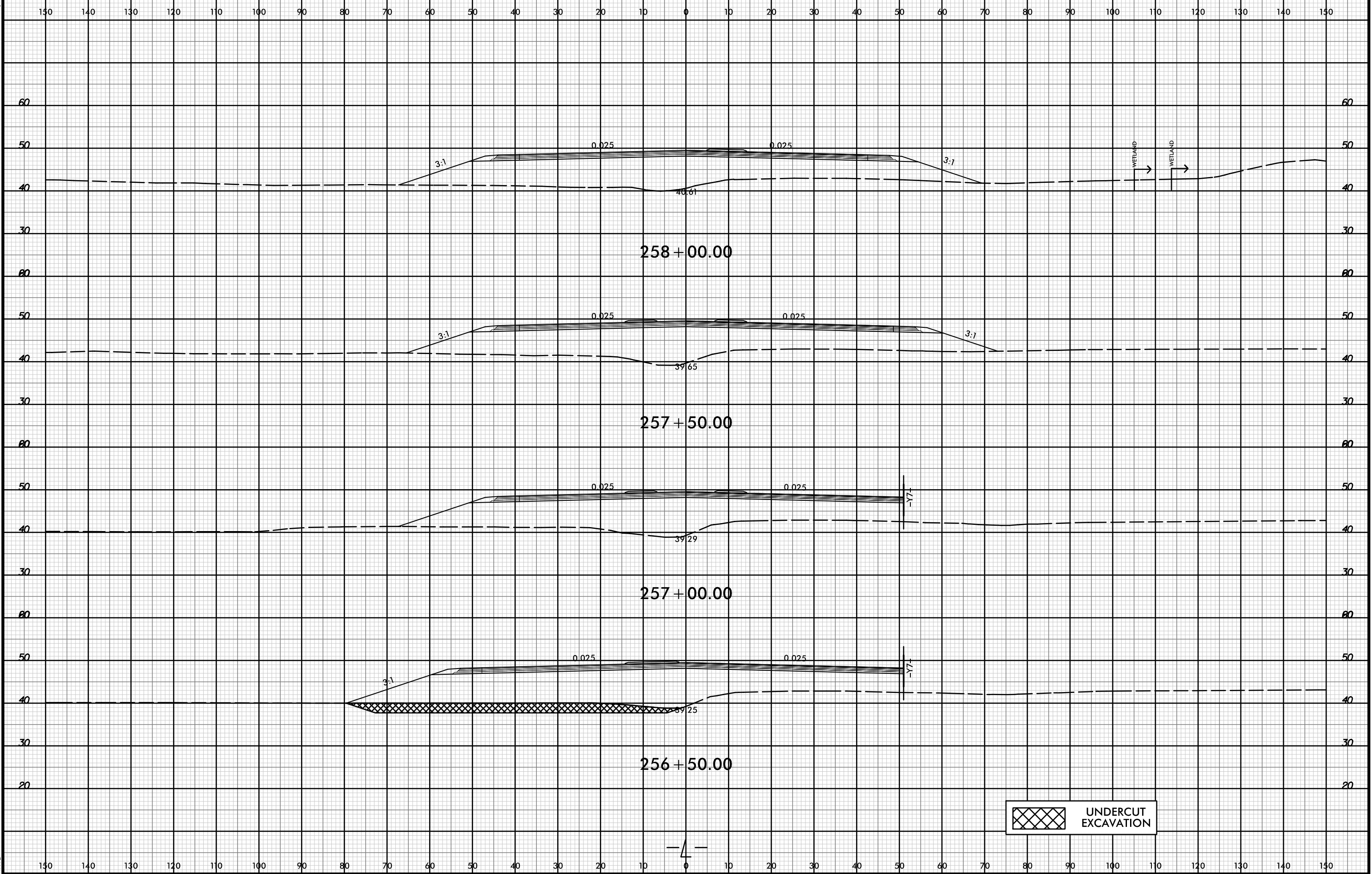




8/23/99



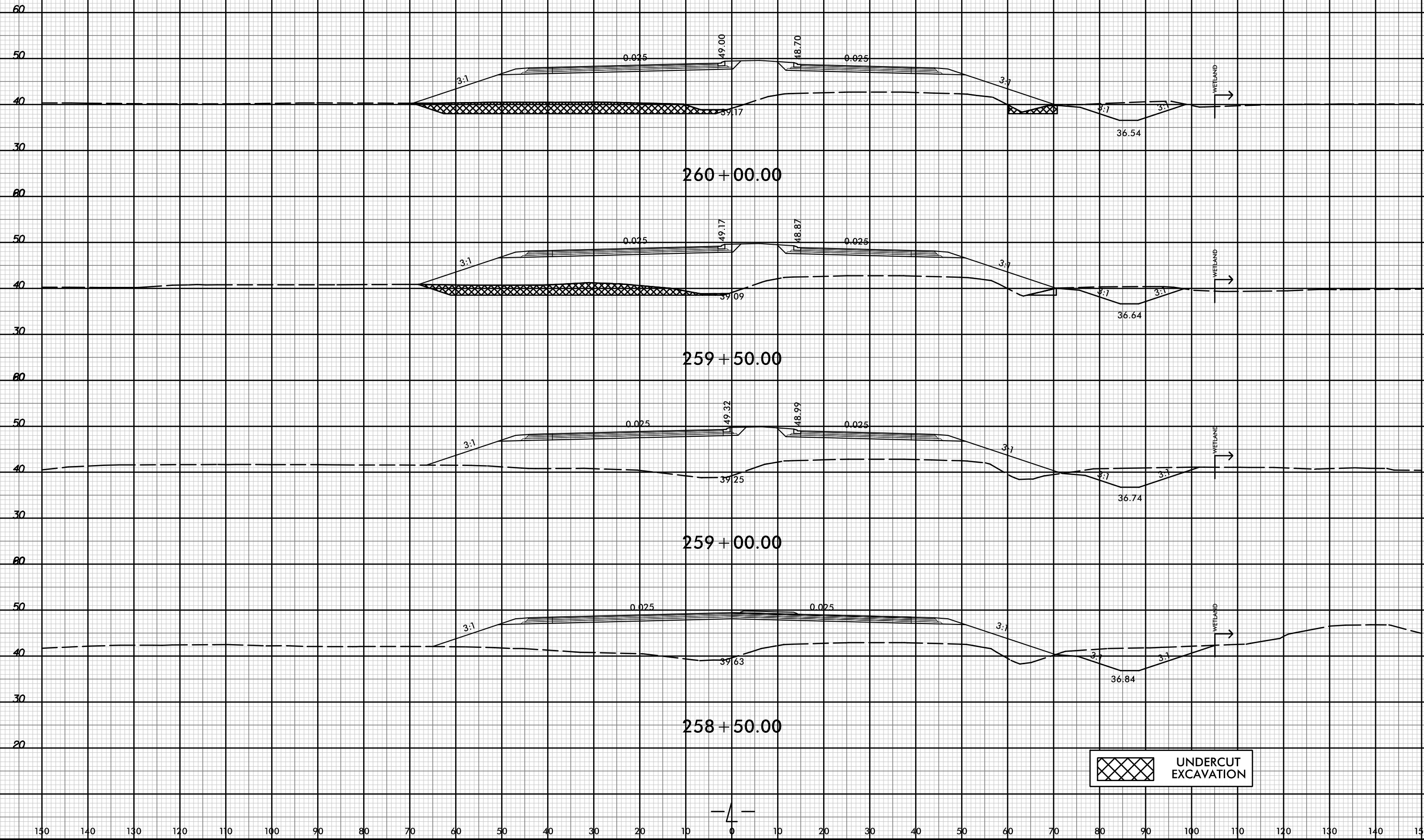
PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-109



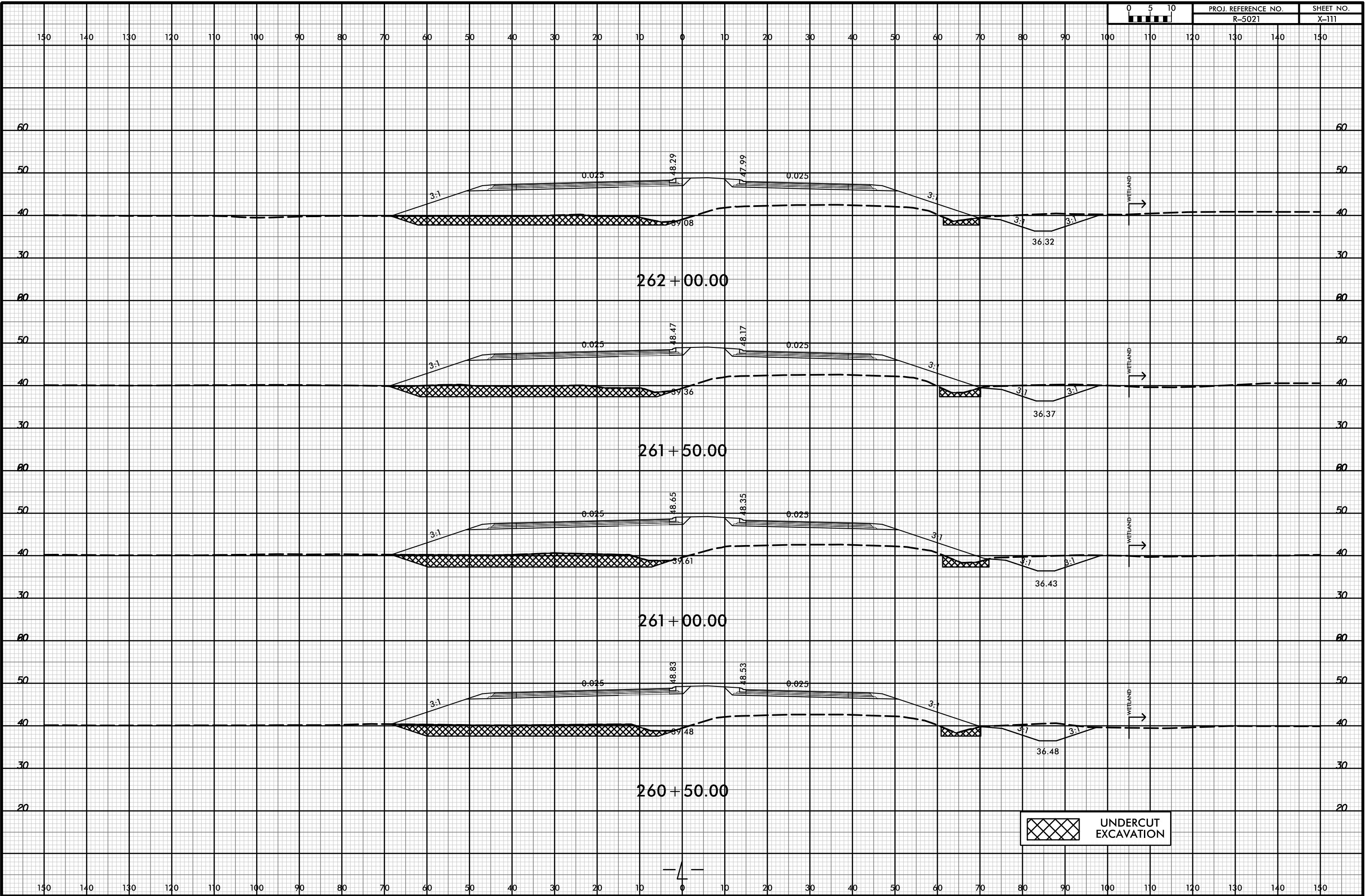
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02-NOV-2021 14:06  
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HNTB

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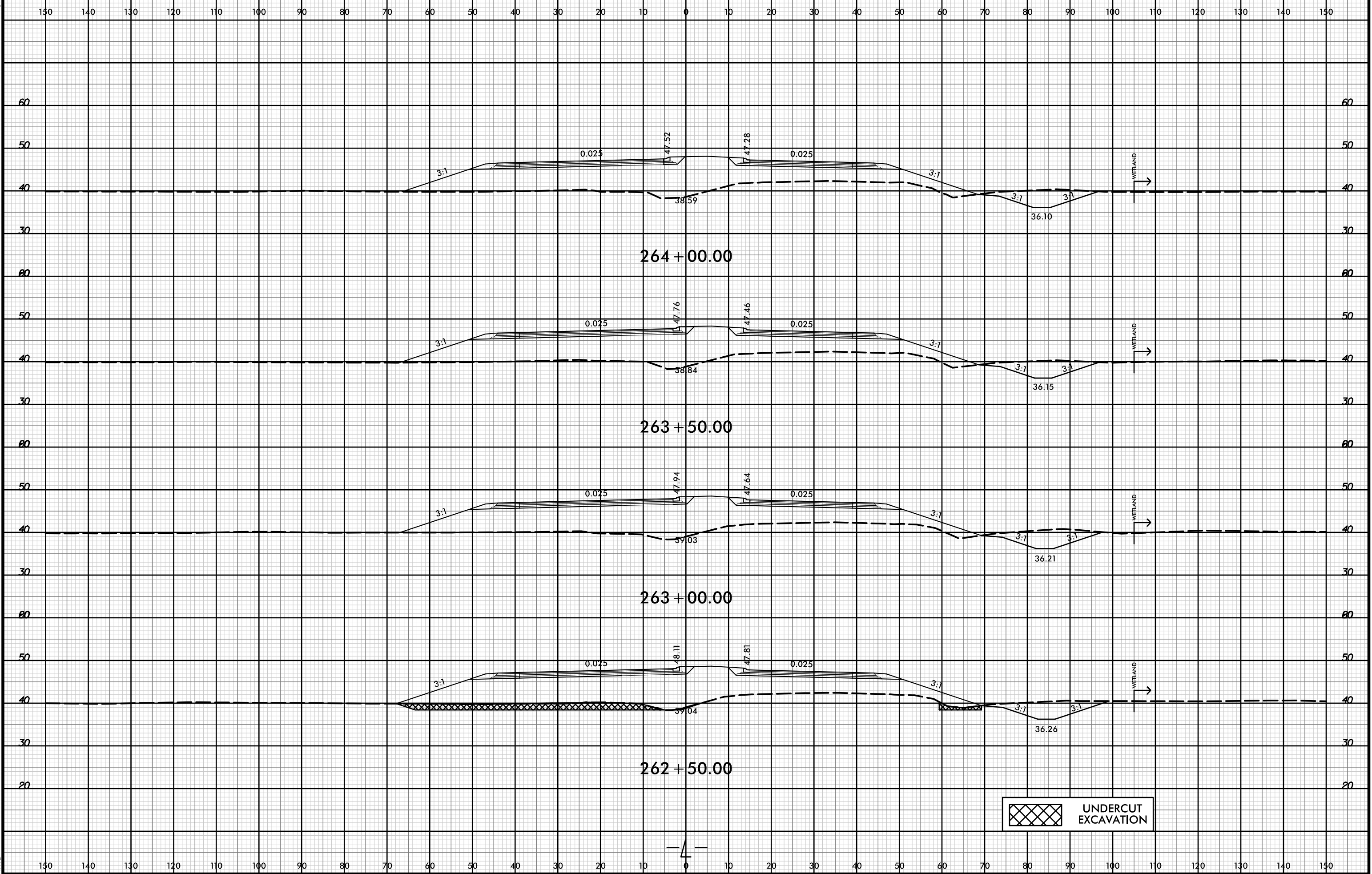


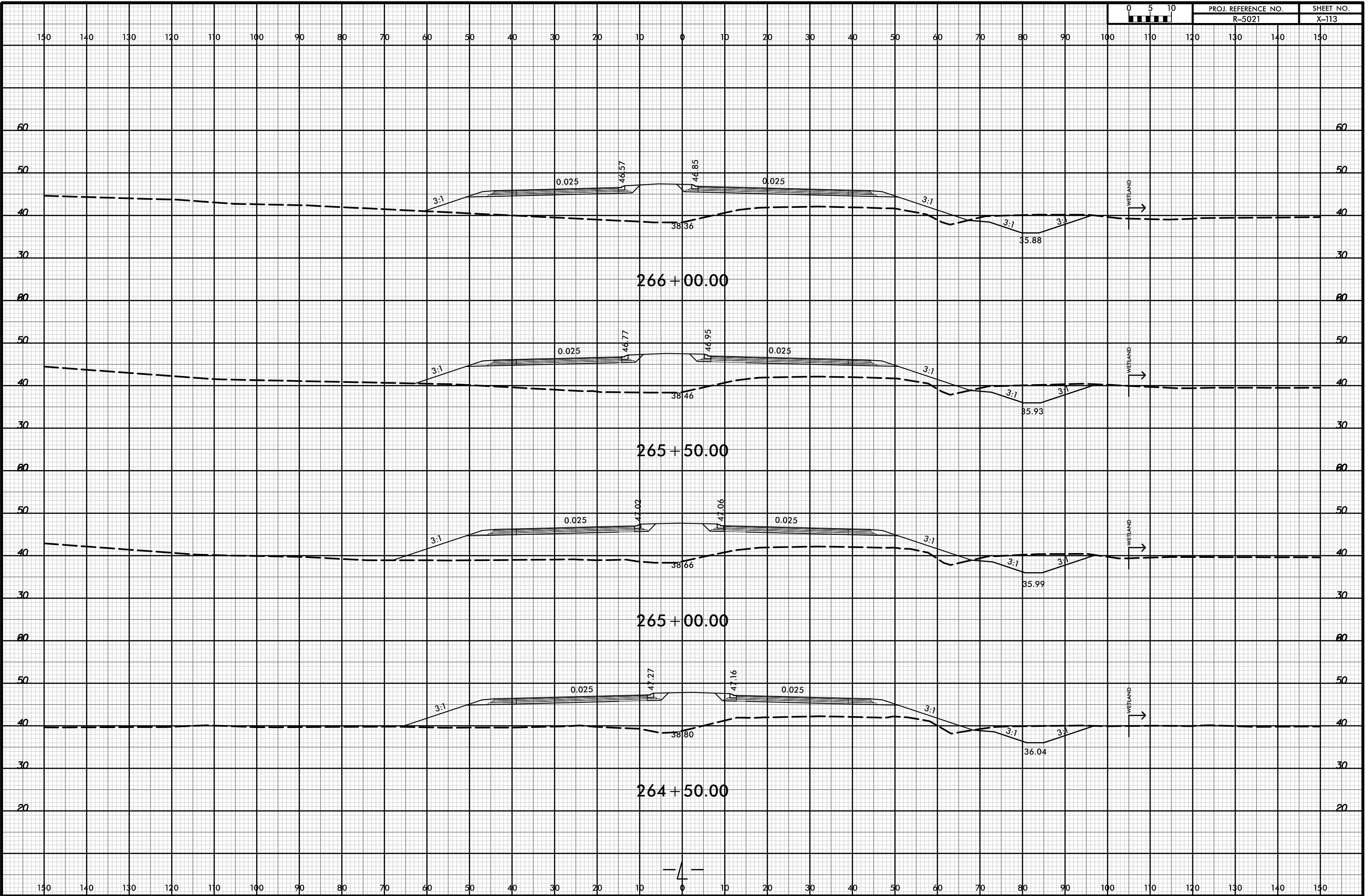
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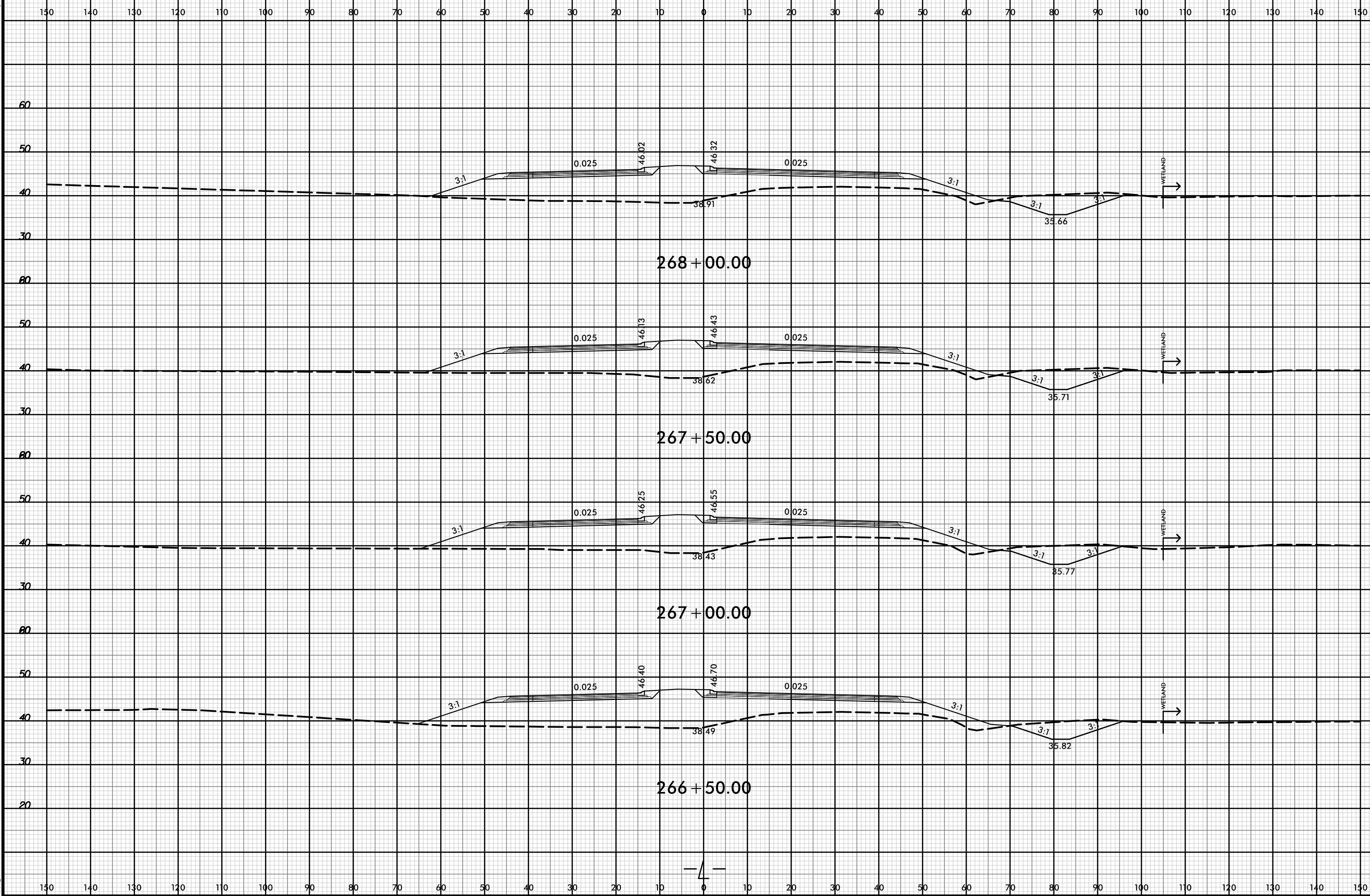


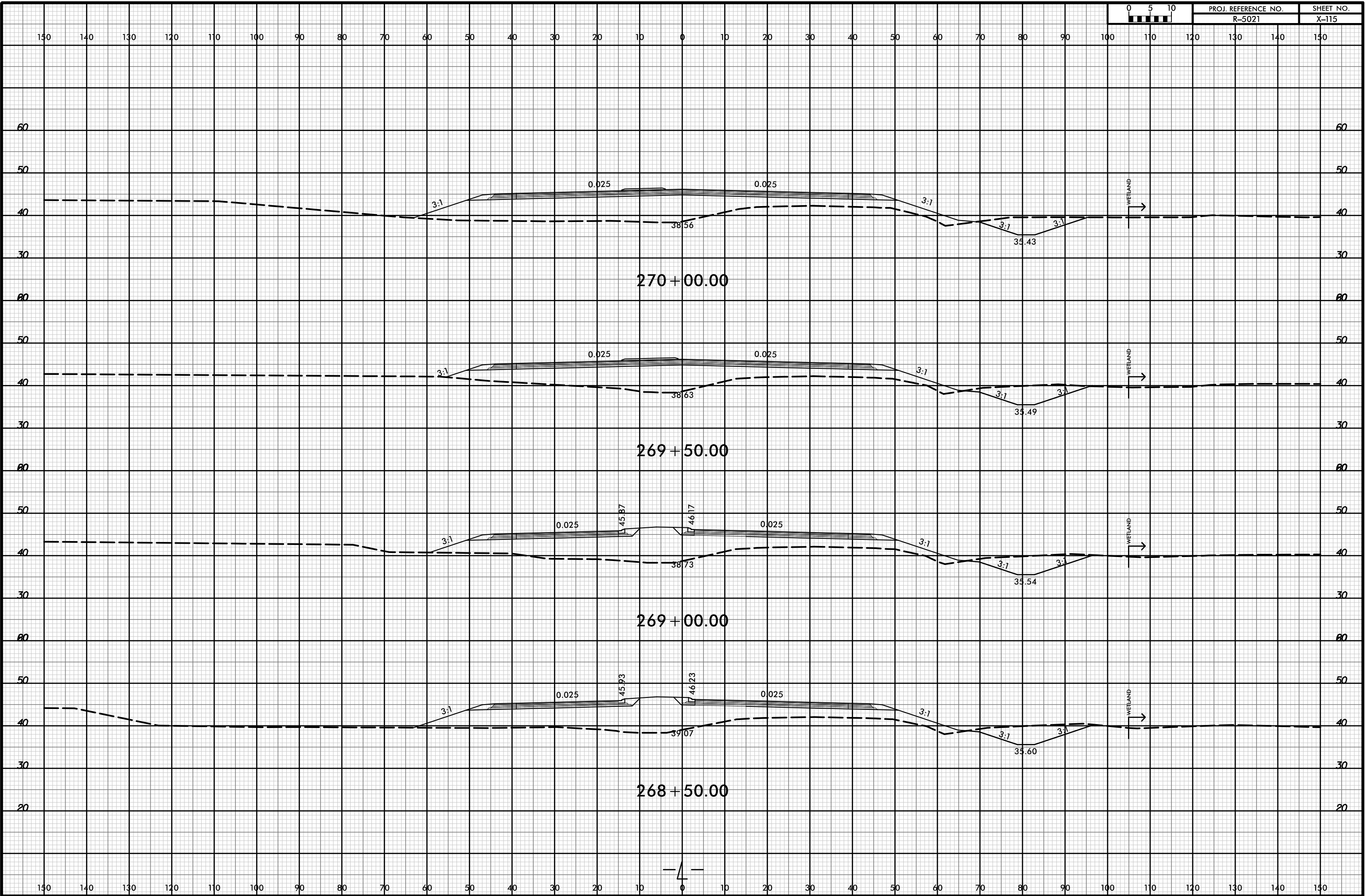
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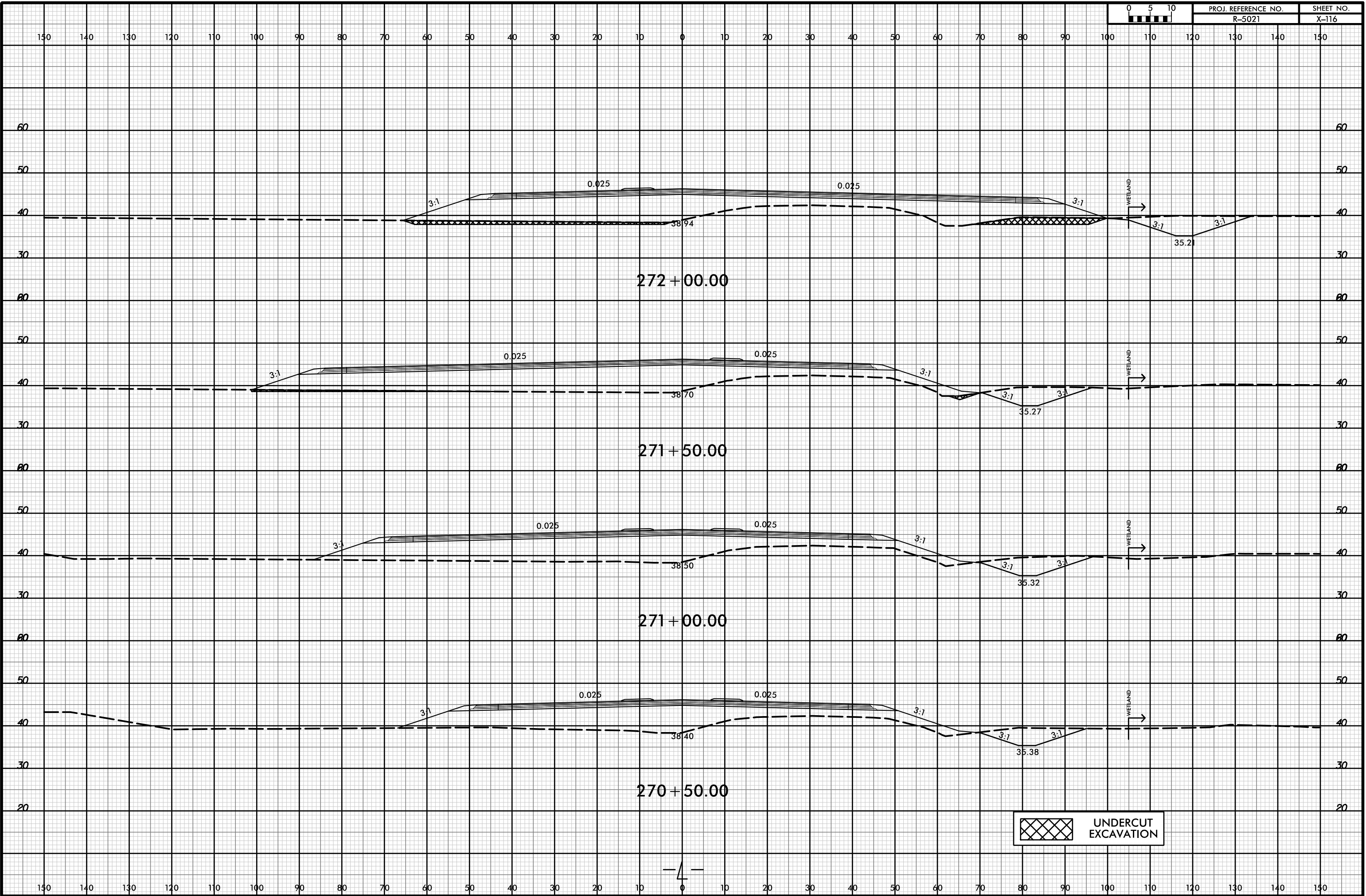






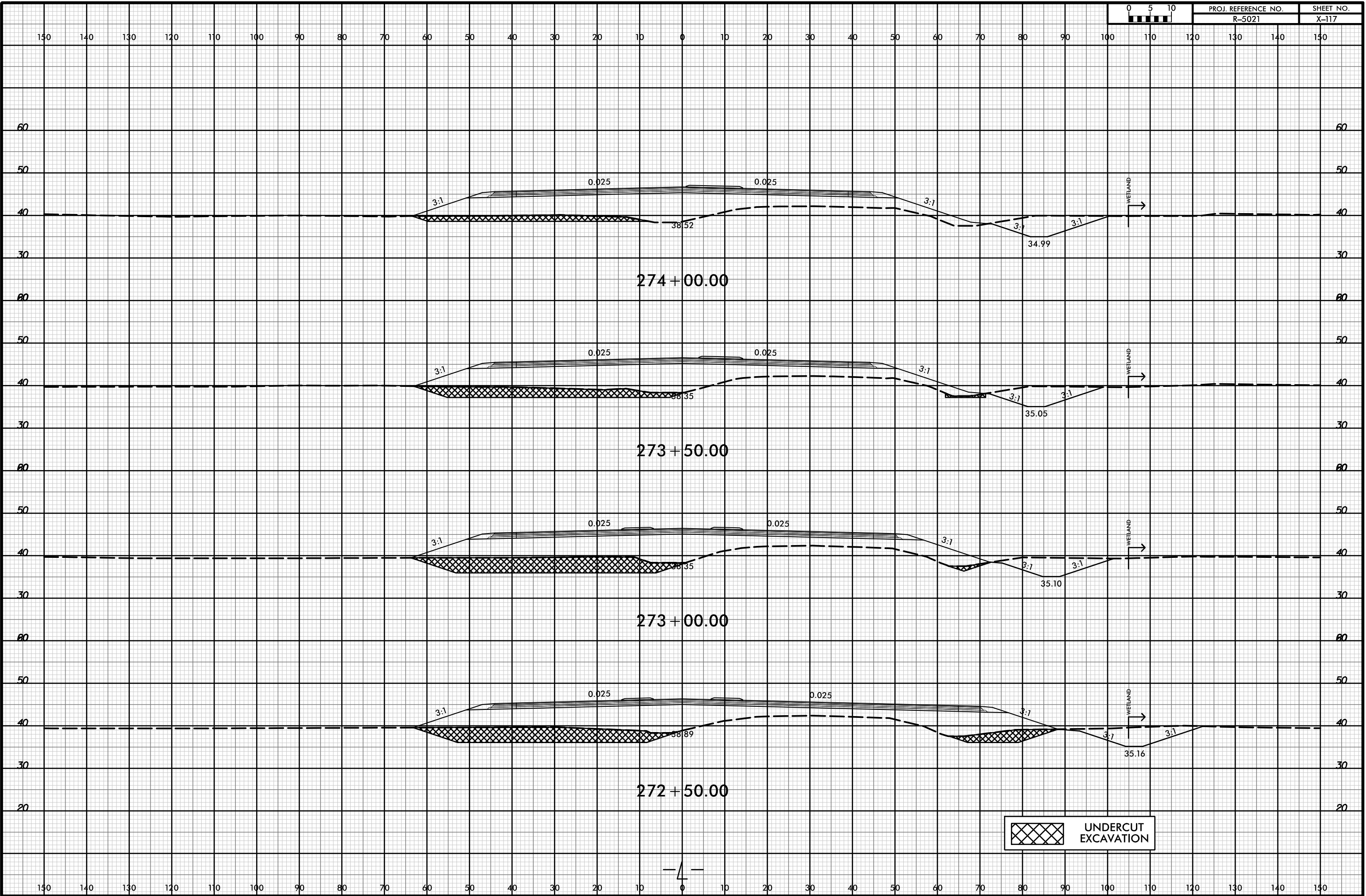




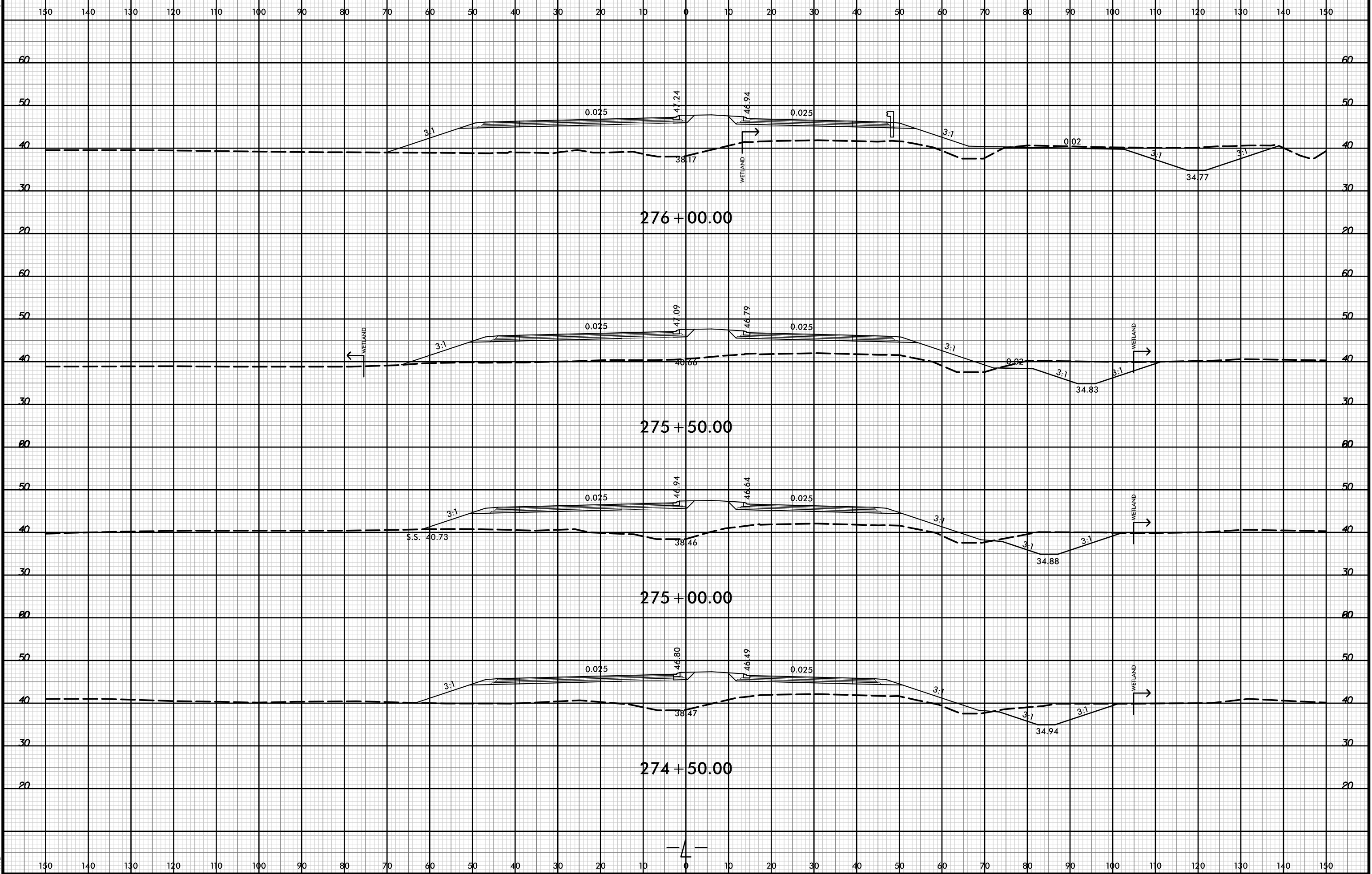


UNDERCUT EXCAVATION





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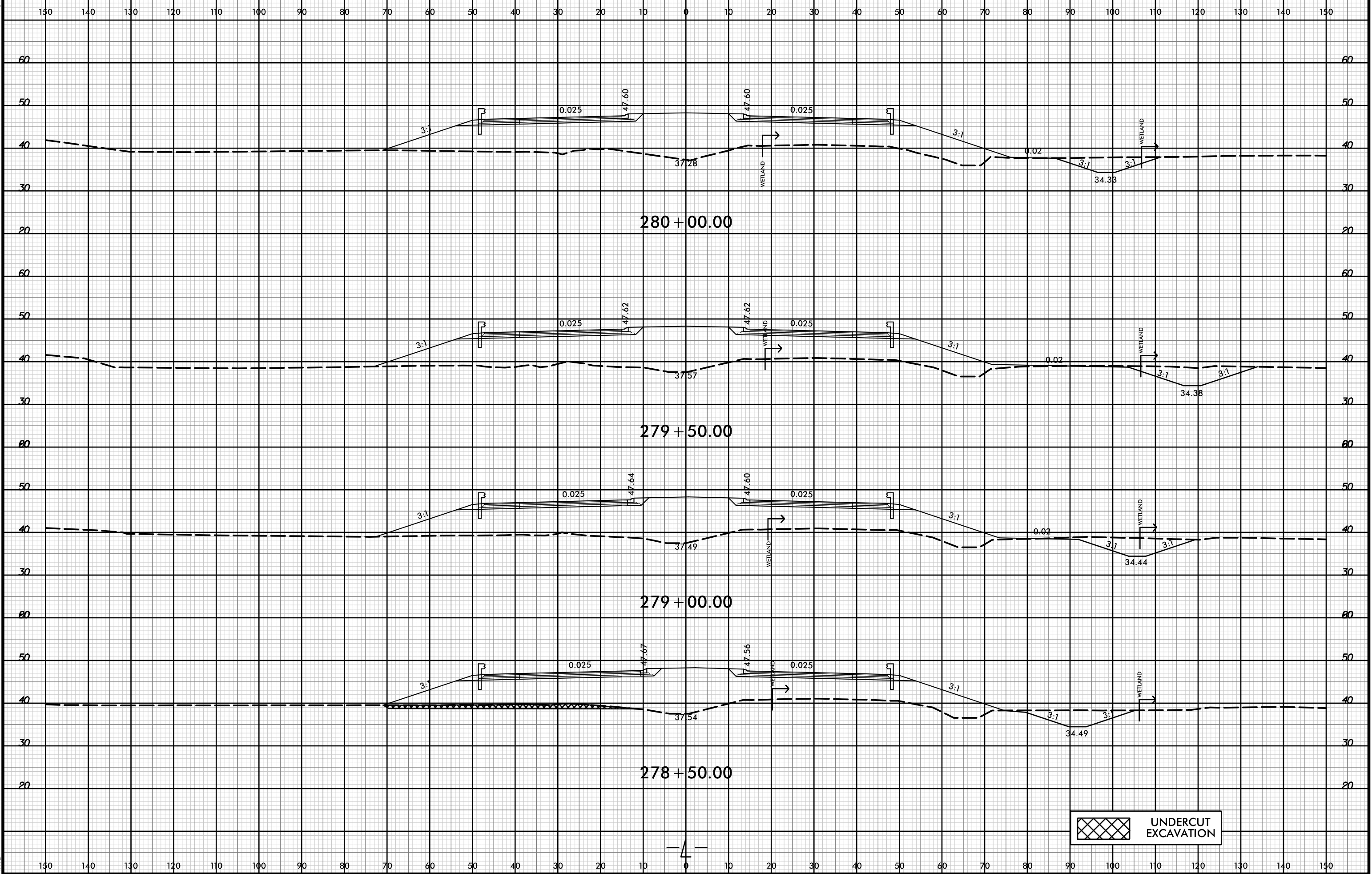


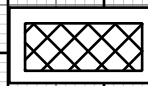


8/23/99



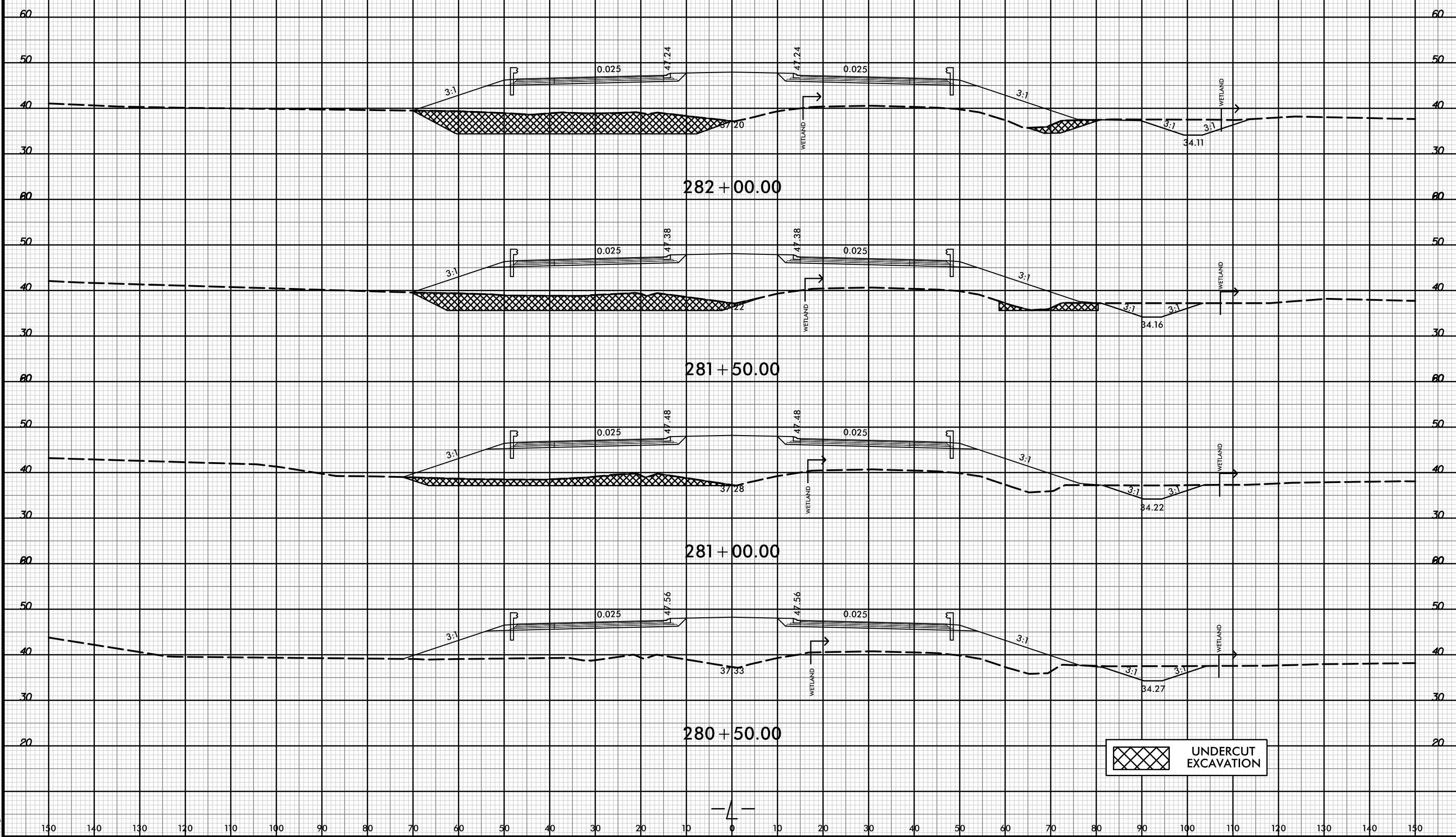
PROJ. REFERENCE NO. R-5021 SHEET NO. X-120

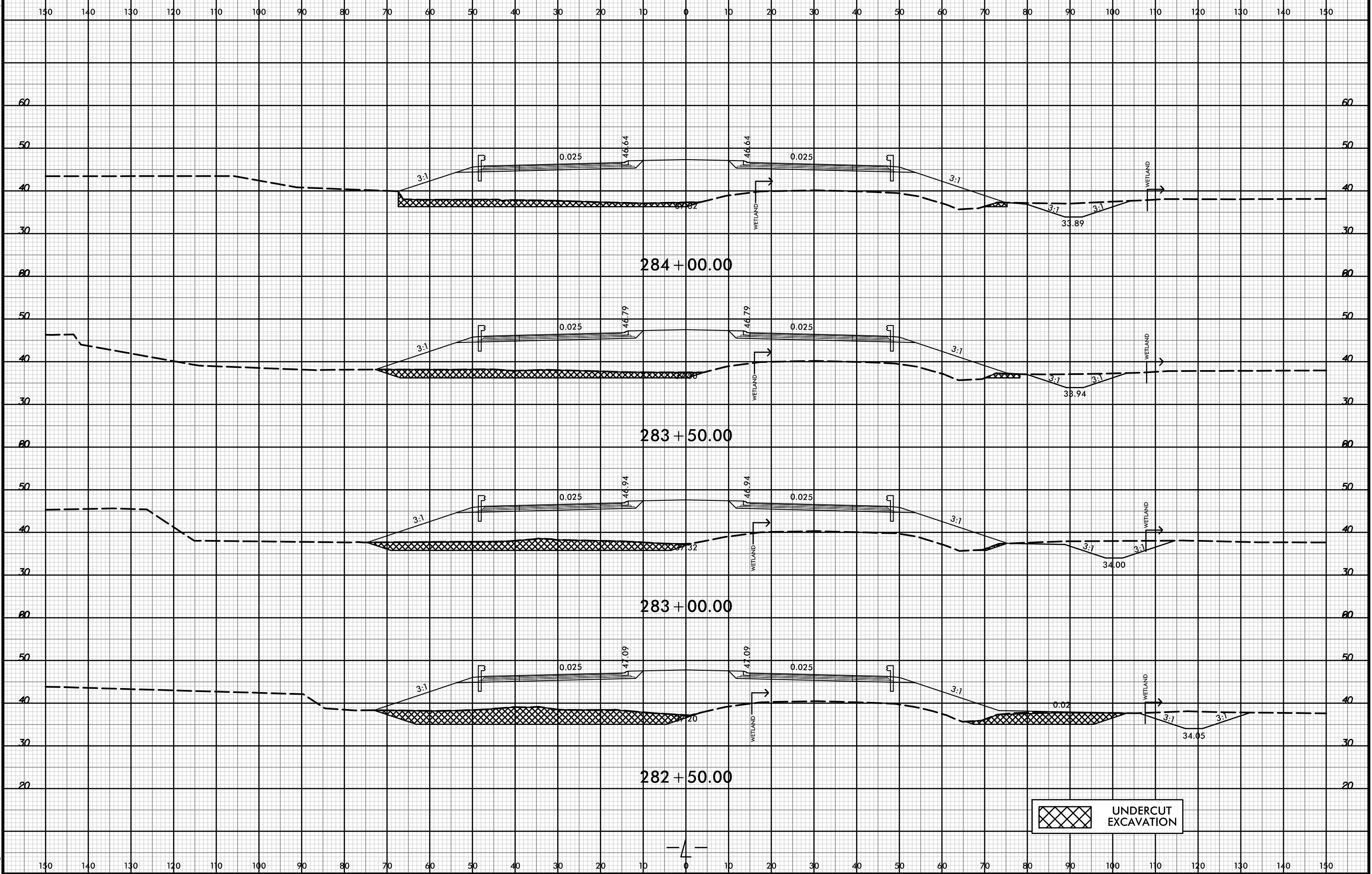


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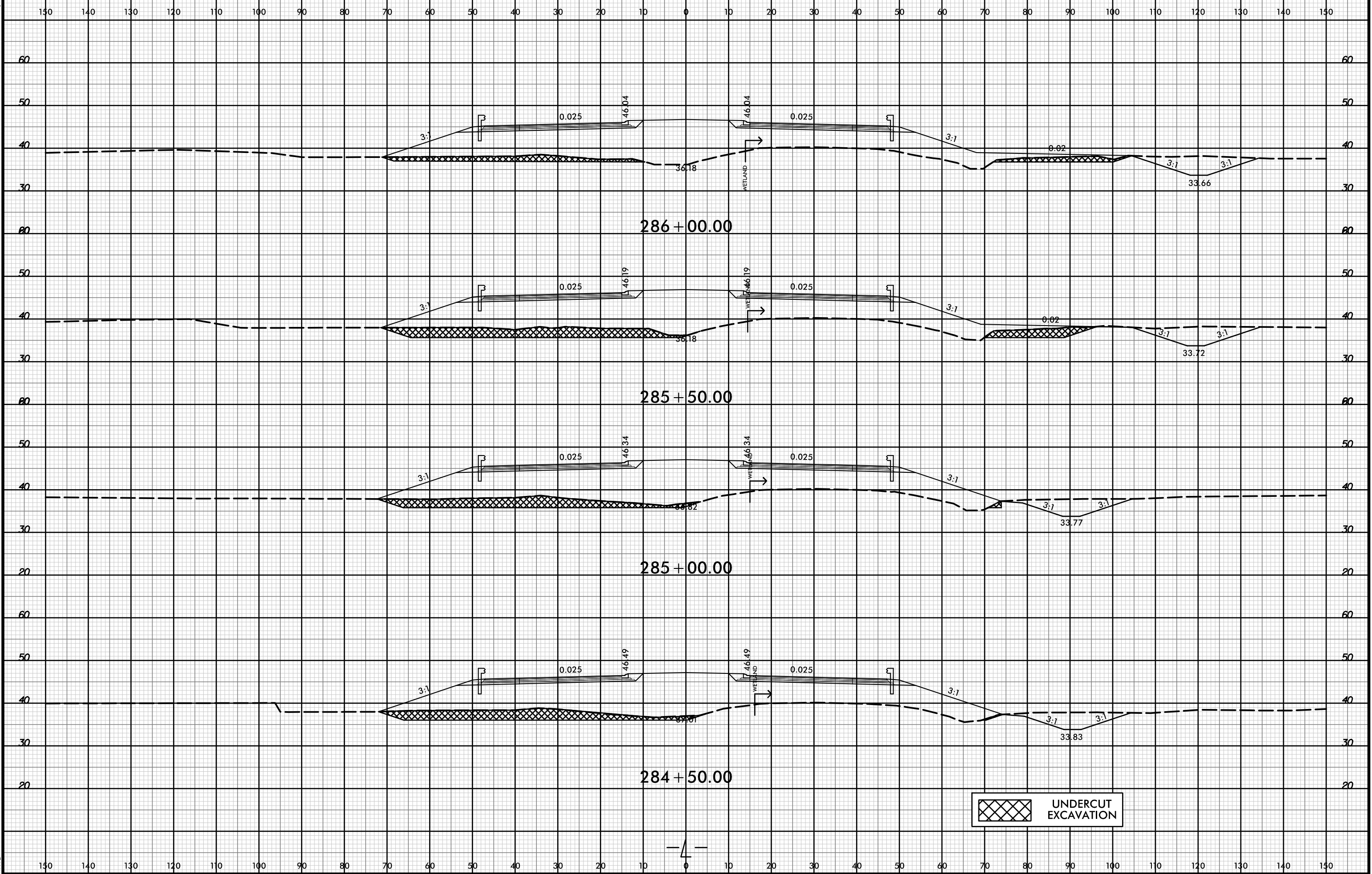
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HNTB

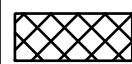
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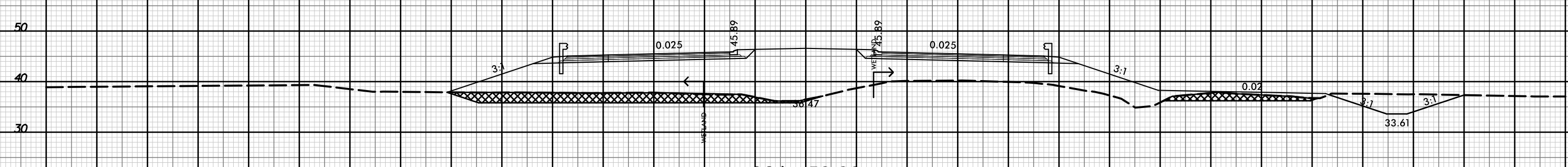
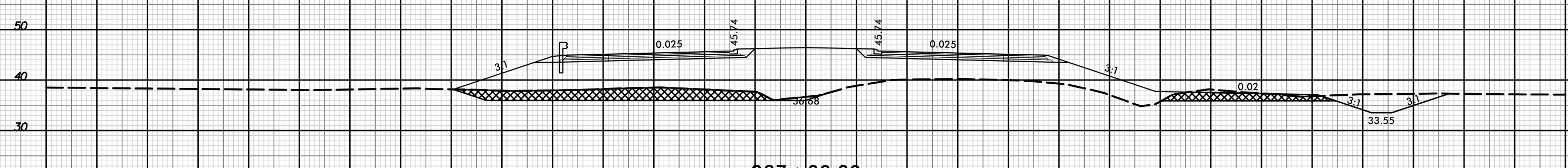
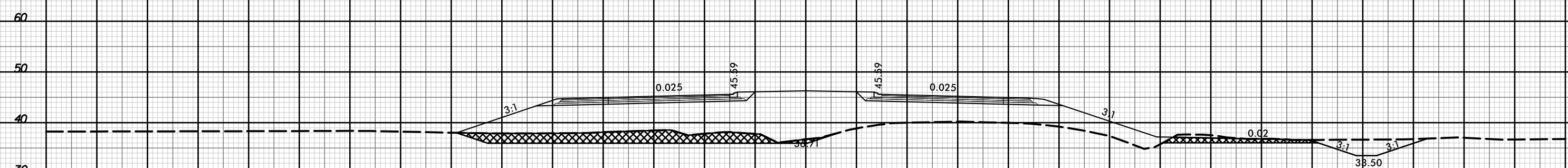
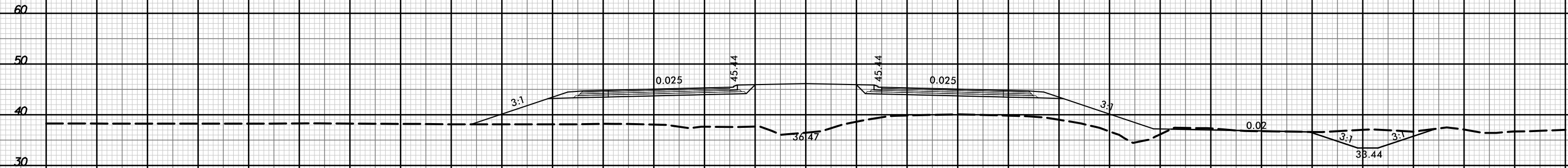
UNDERCUT EXCAVATION



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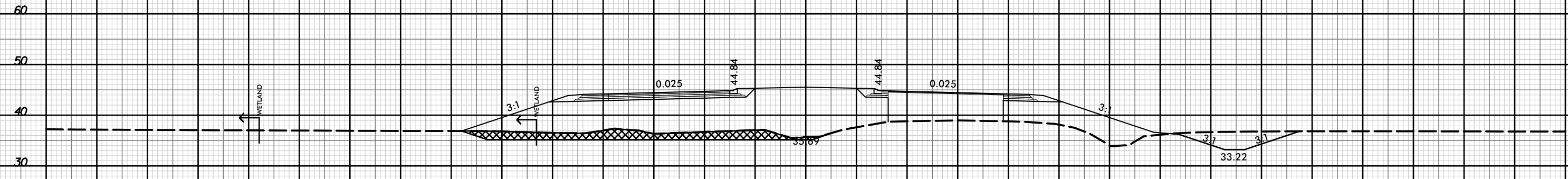
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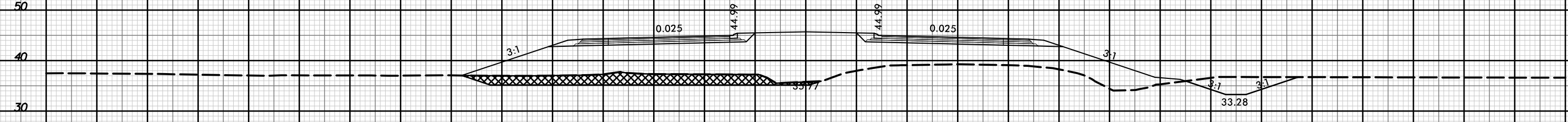
UNDERCUT EXCAVATION

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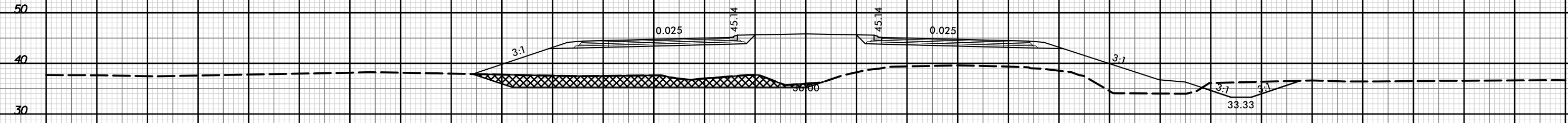
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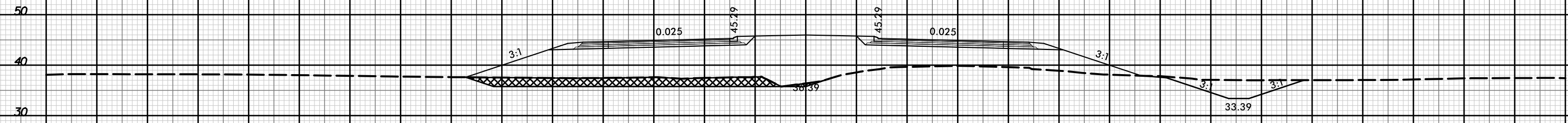
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289 + 50.00



289 + 00.00

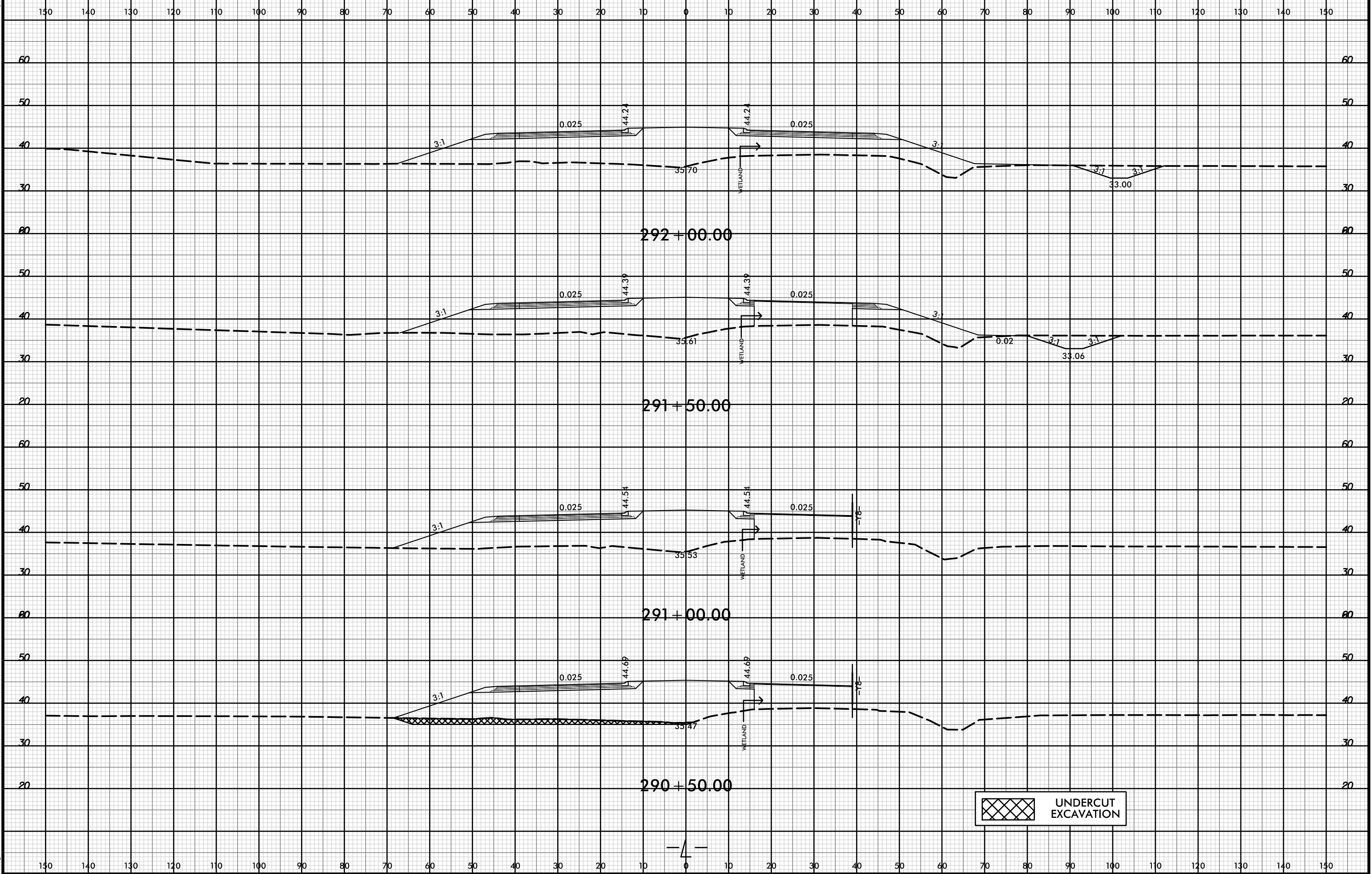


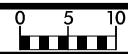
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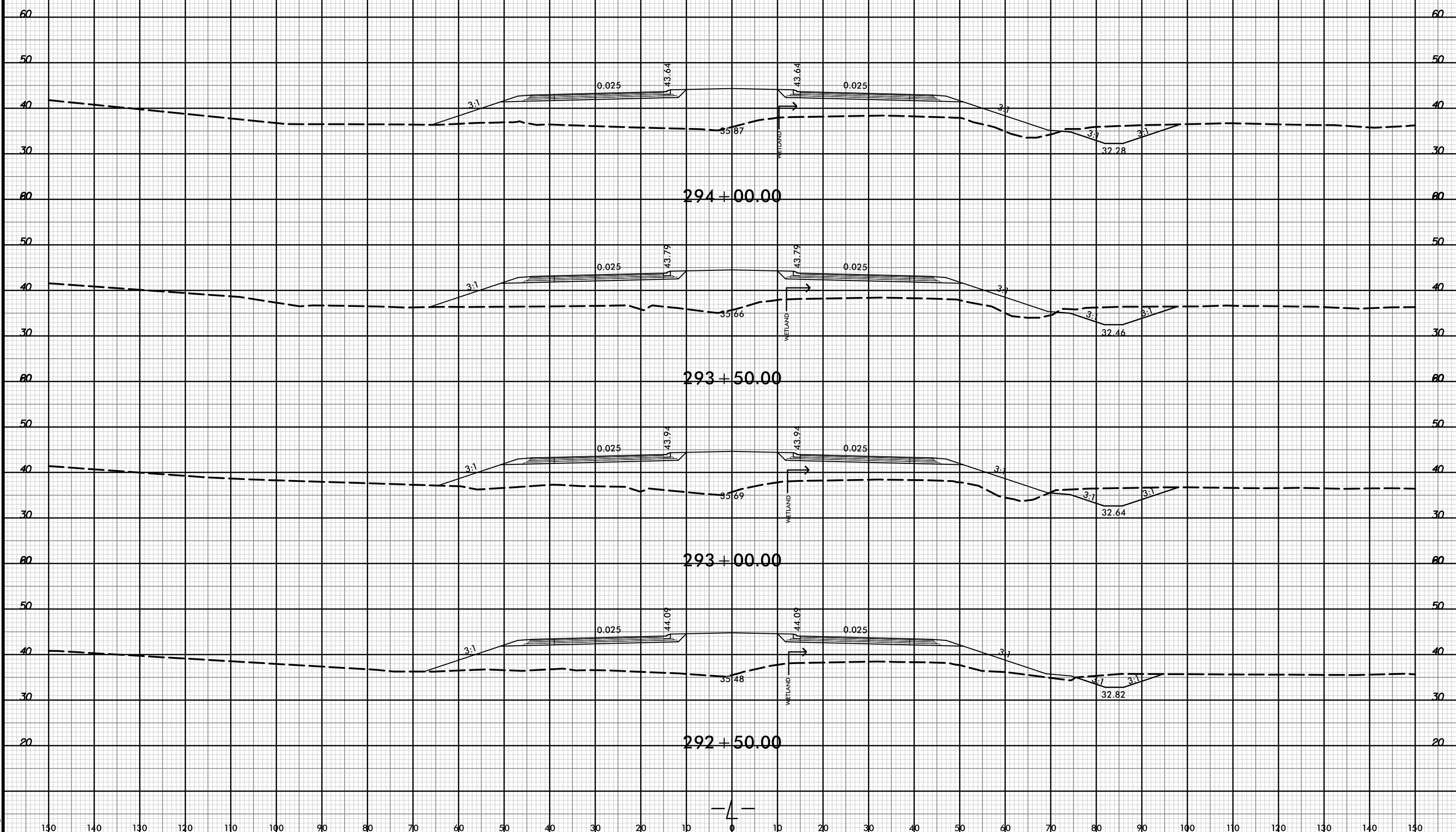


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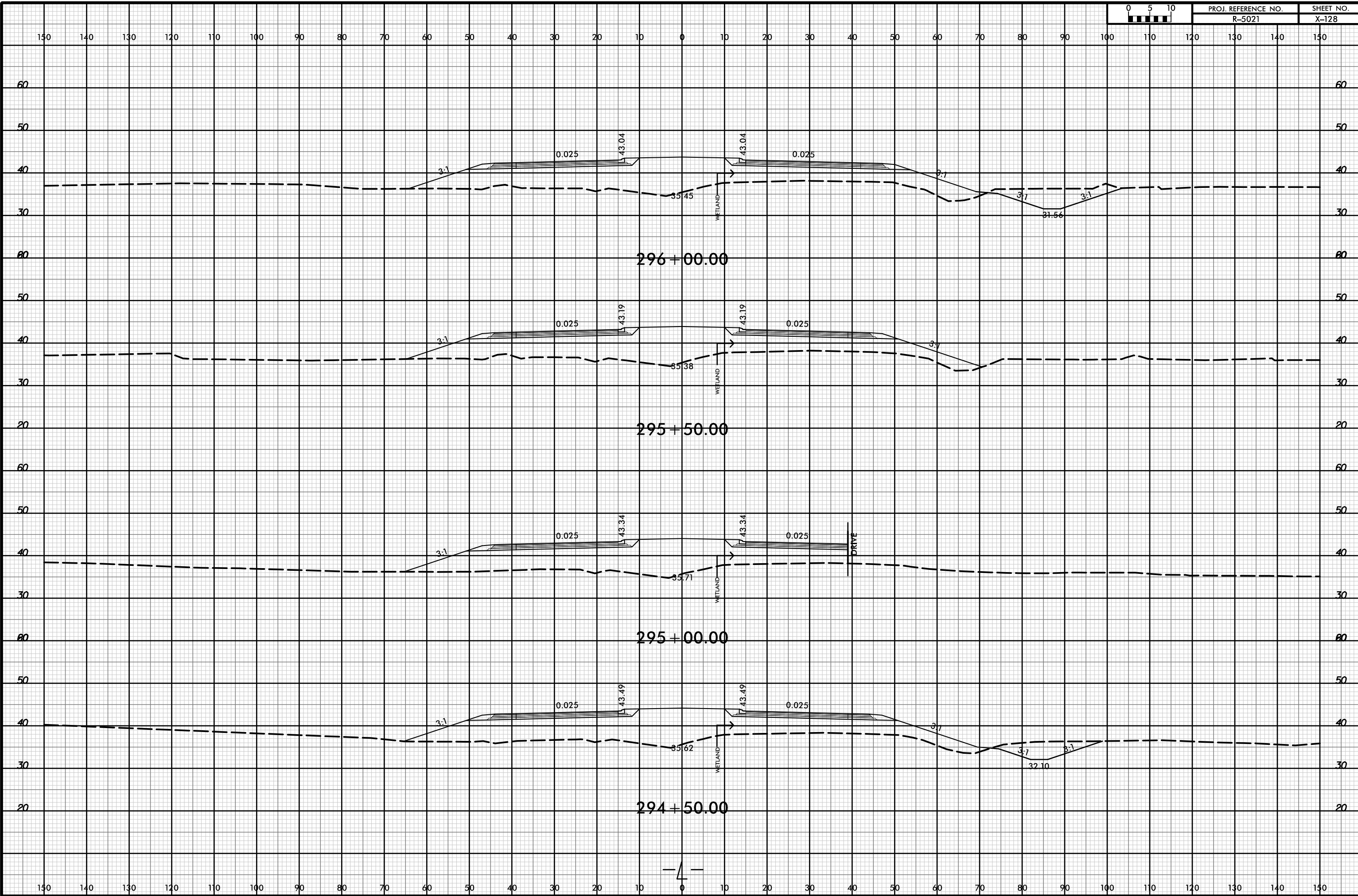




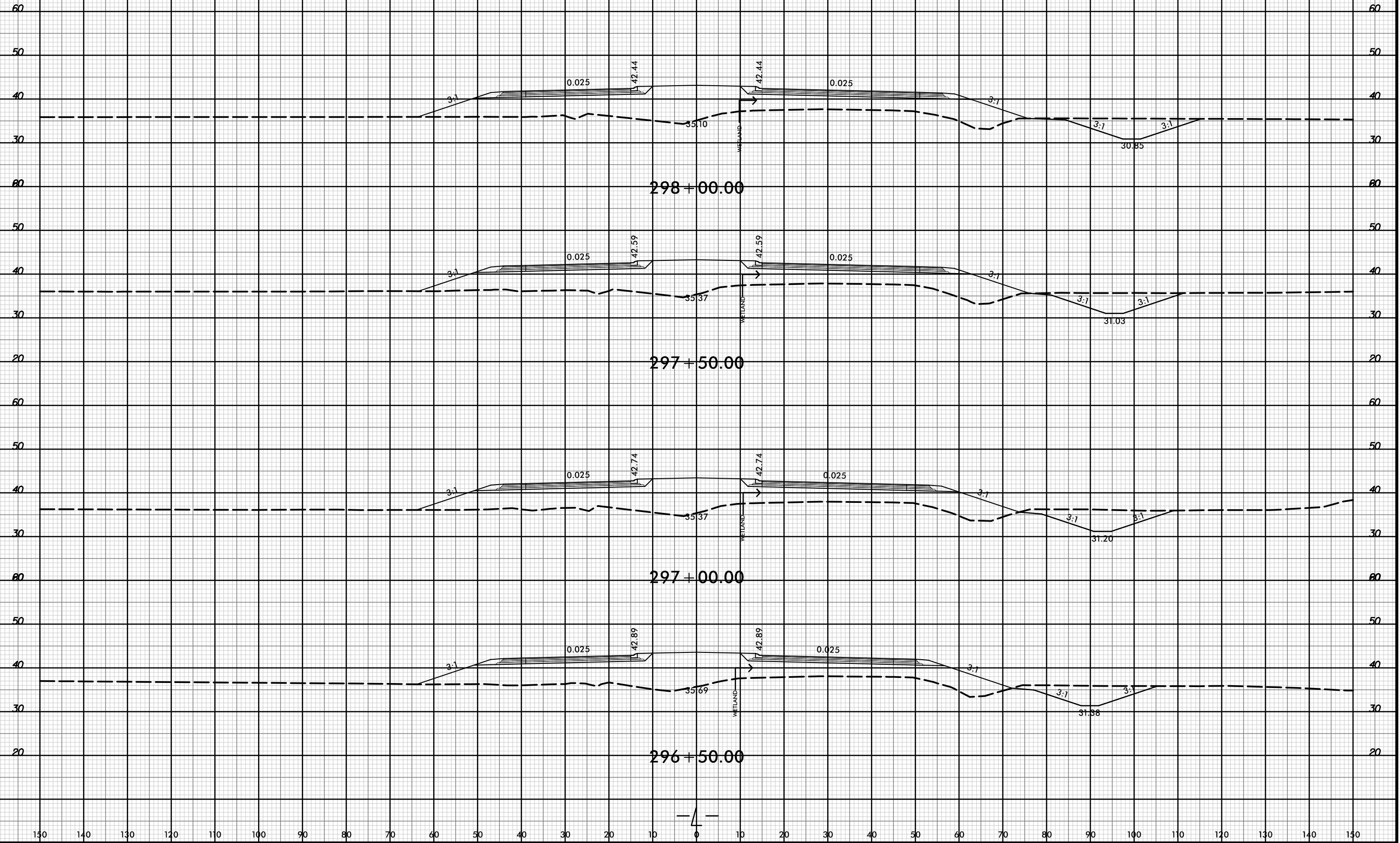
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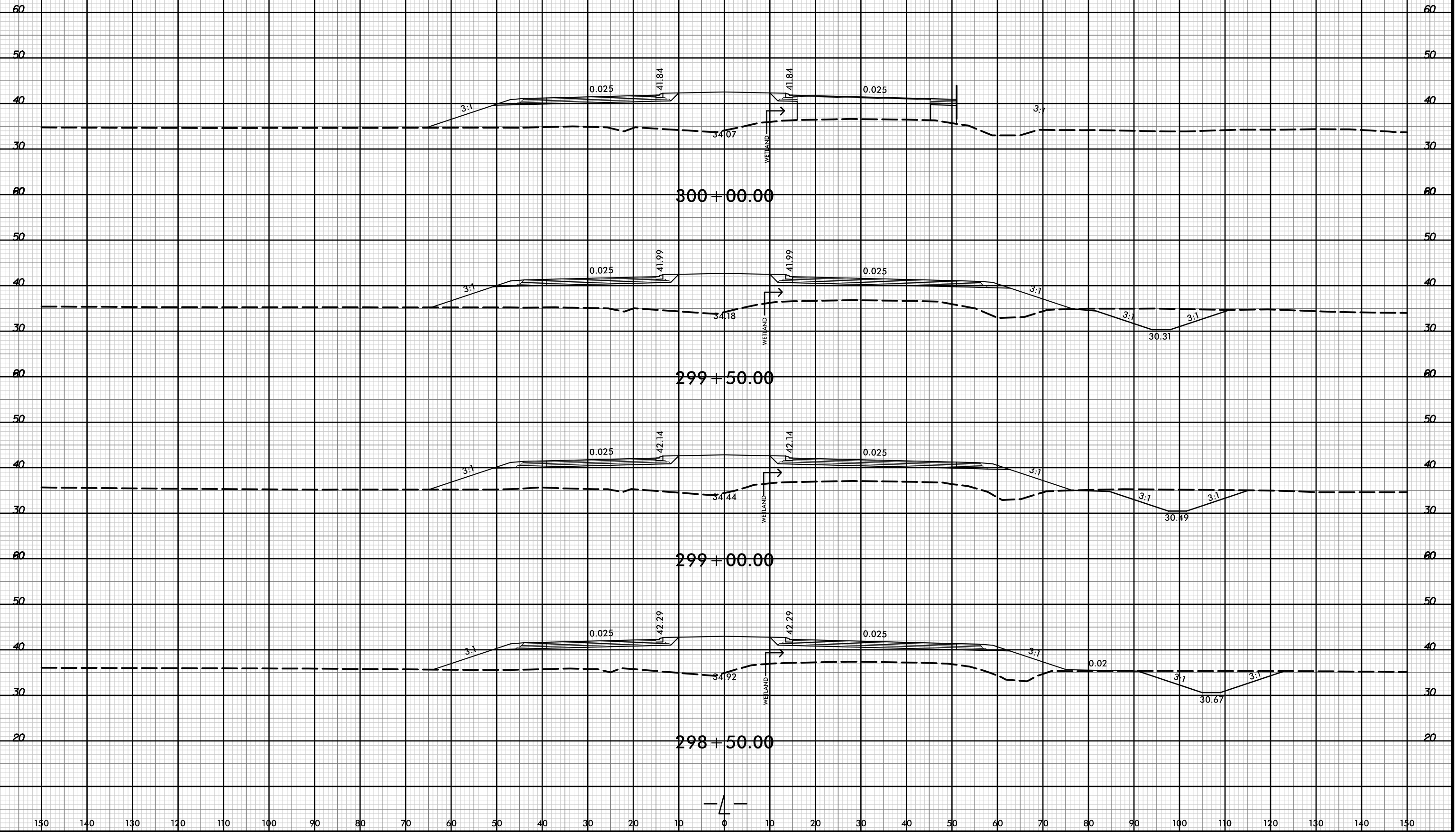
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

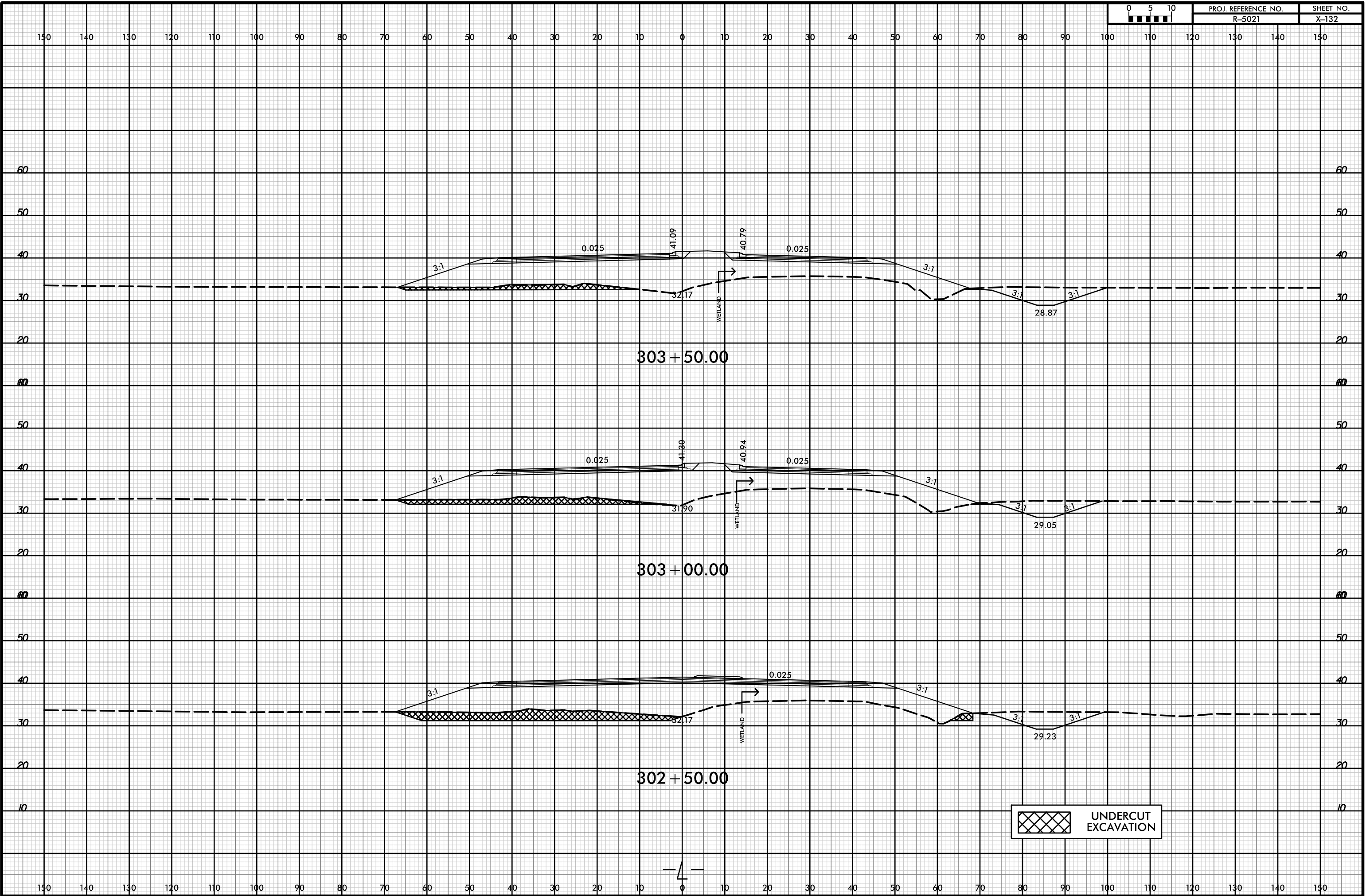


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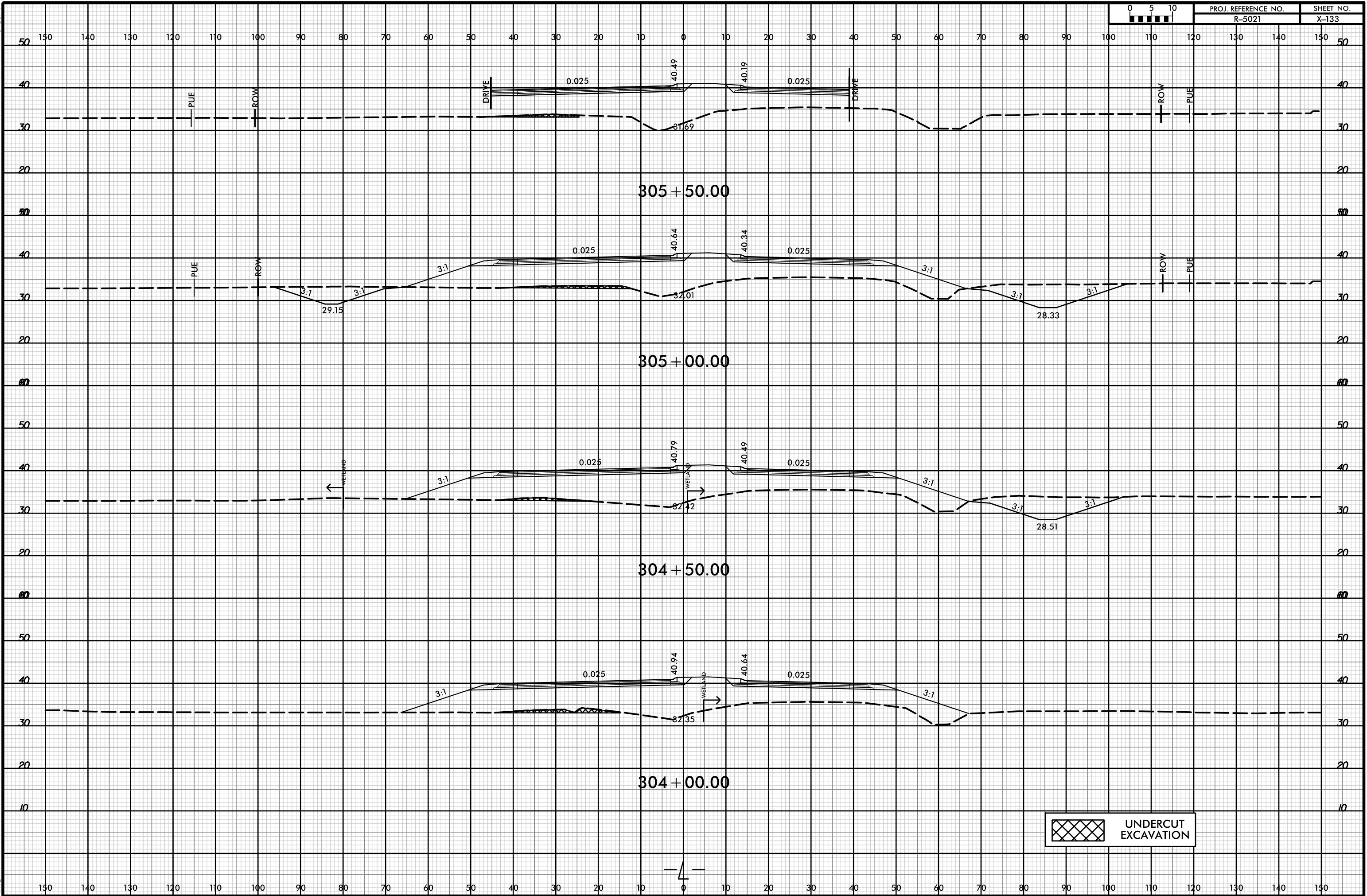


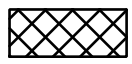


8/23/99

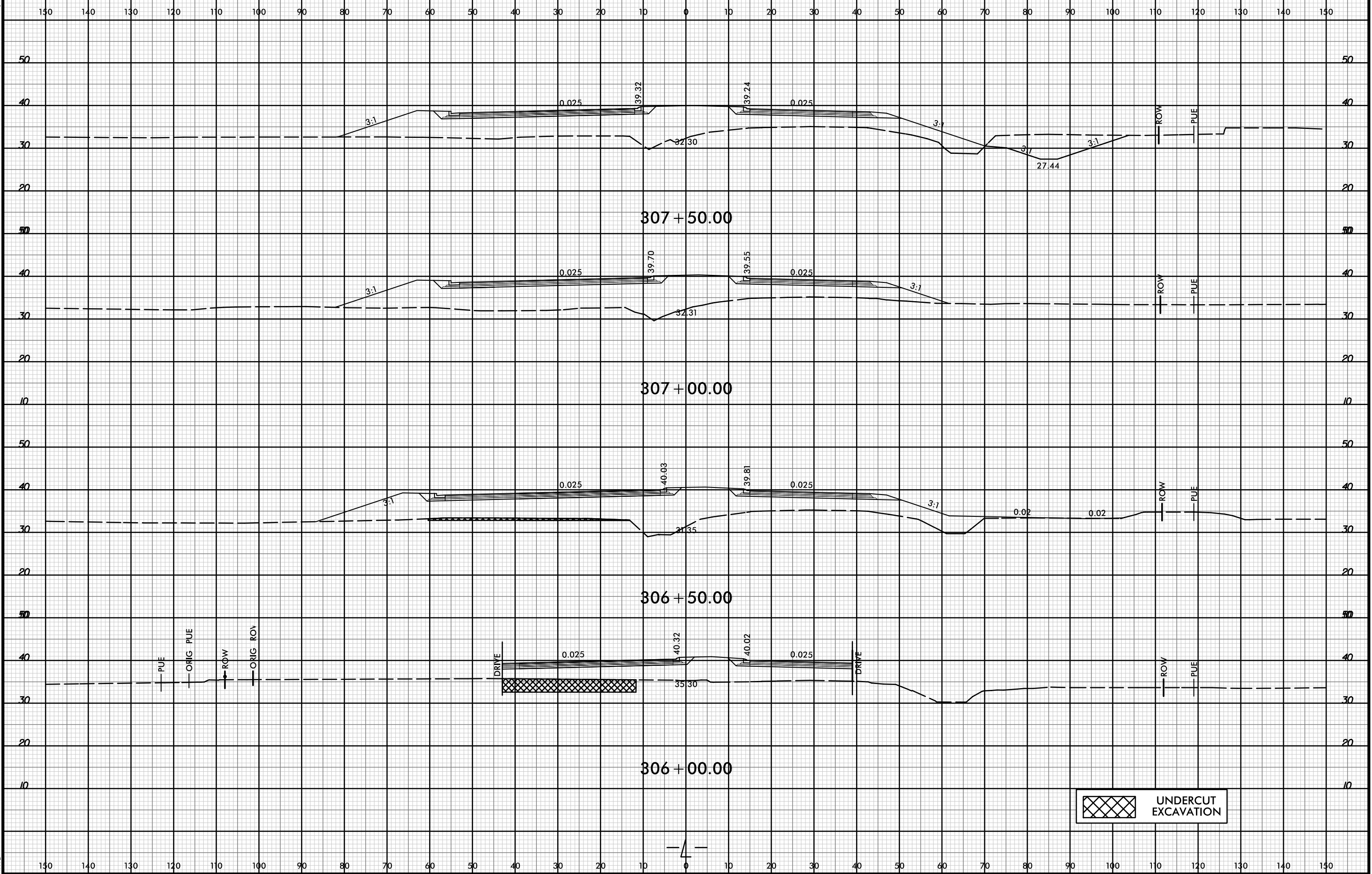


PROJ. REFERENCE NO. R-5021  
SHEET NO. X-133

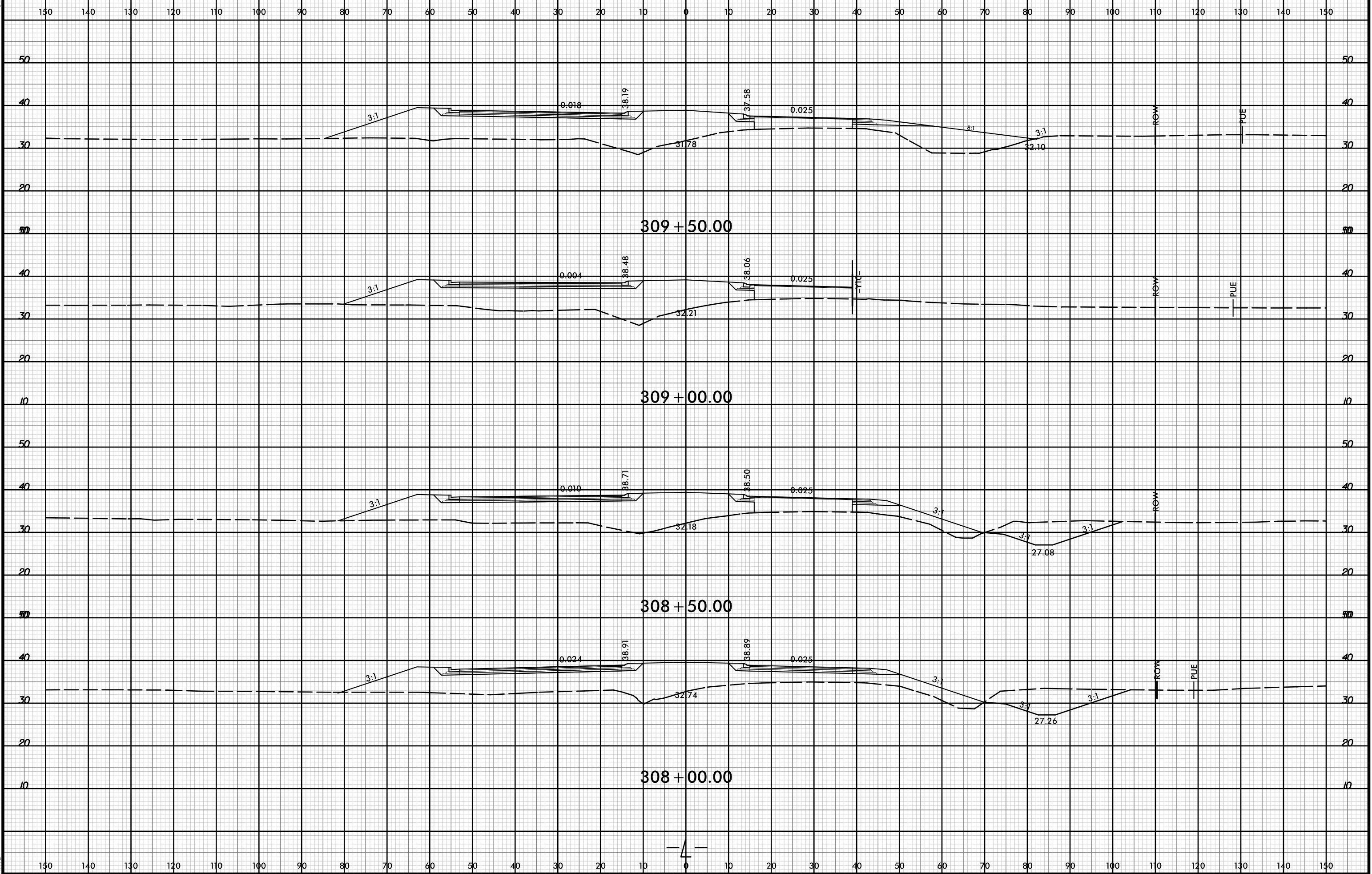


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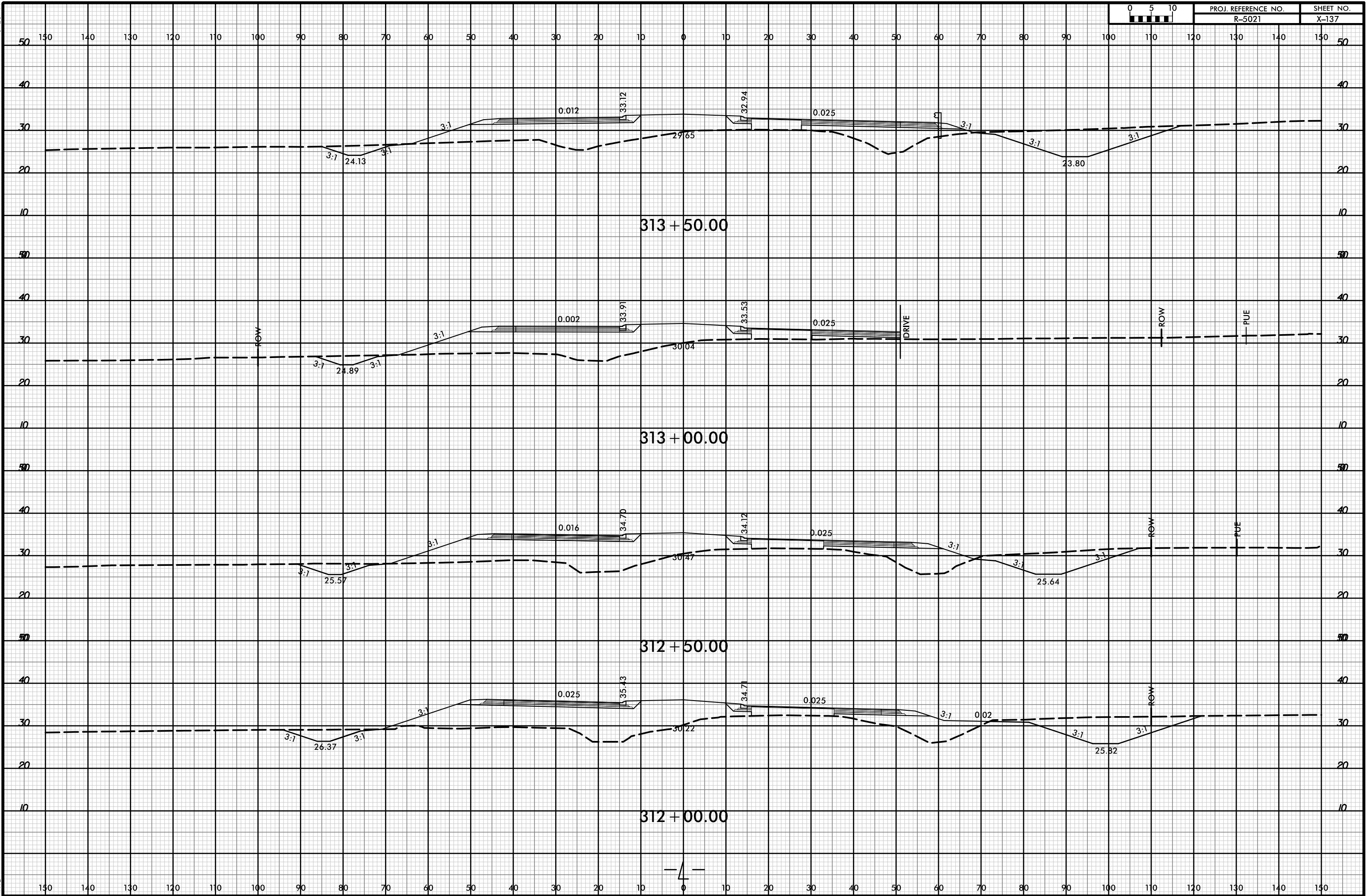
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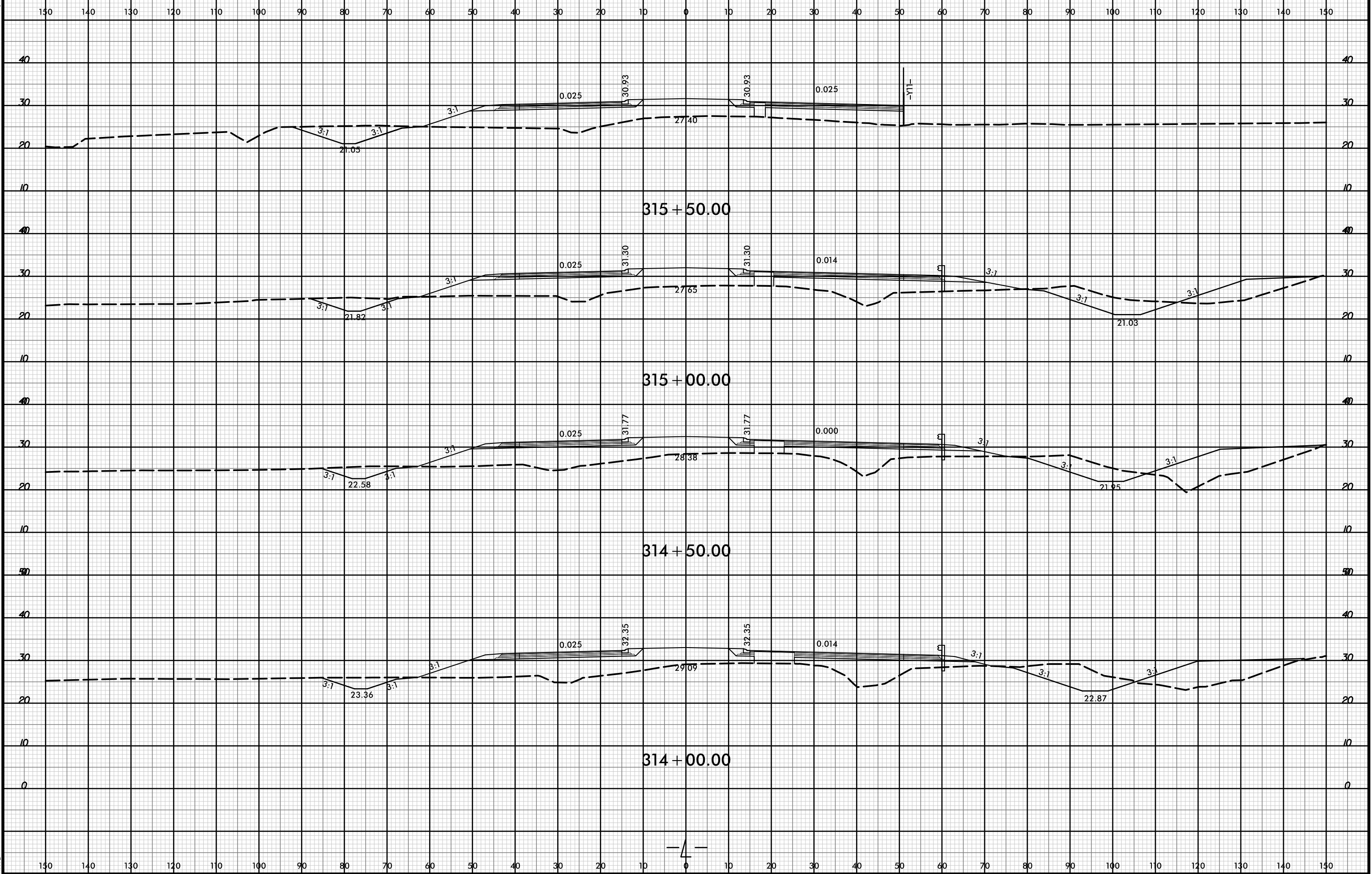


UNDERCUT EXCAVATION





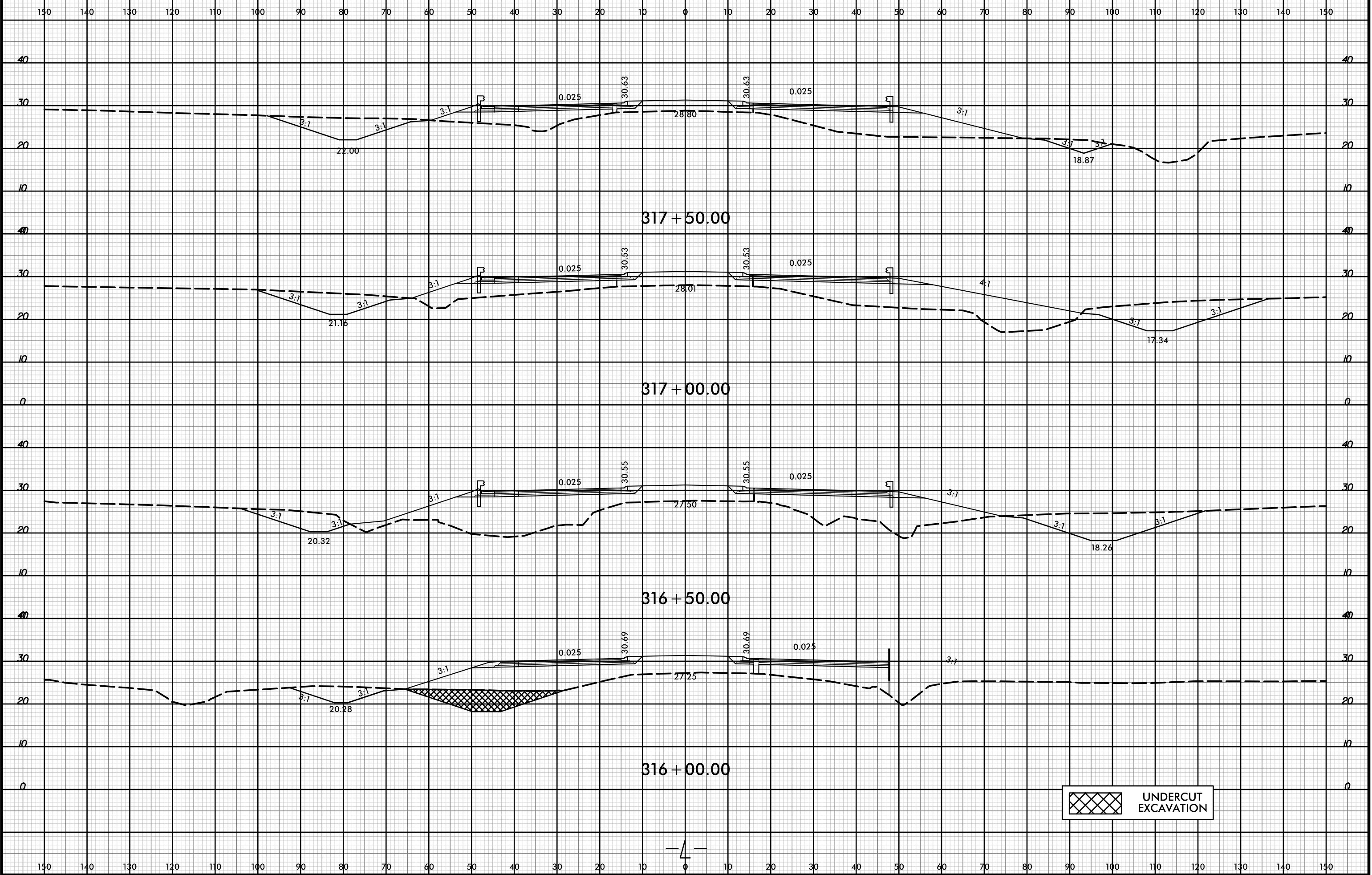




8/23/99



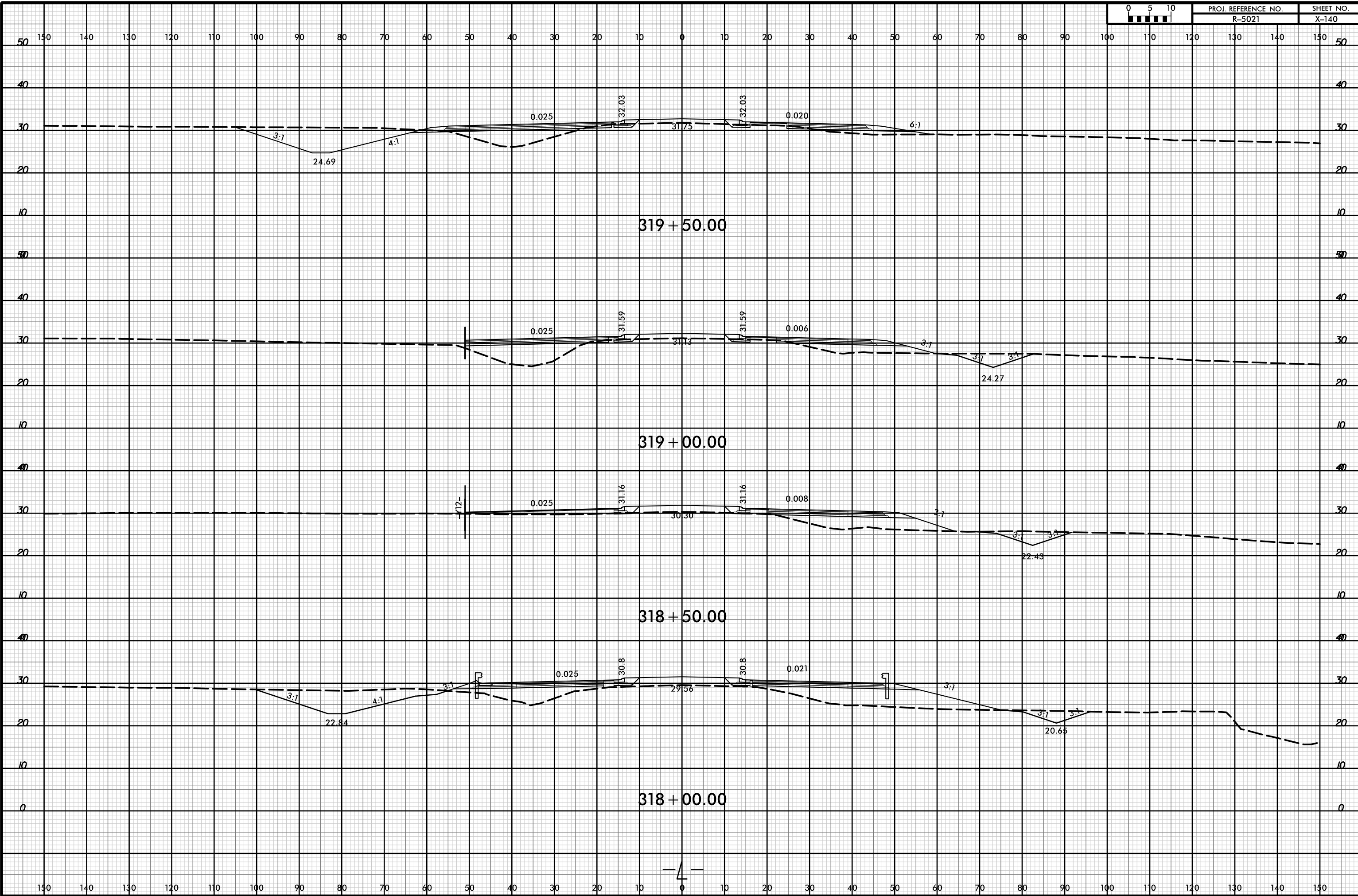
PROJ. REFERENCE NO. R-5021 SHEET NO. X-139



UNDERCUT EXCAVATION

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HNTB

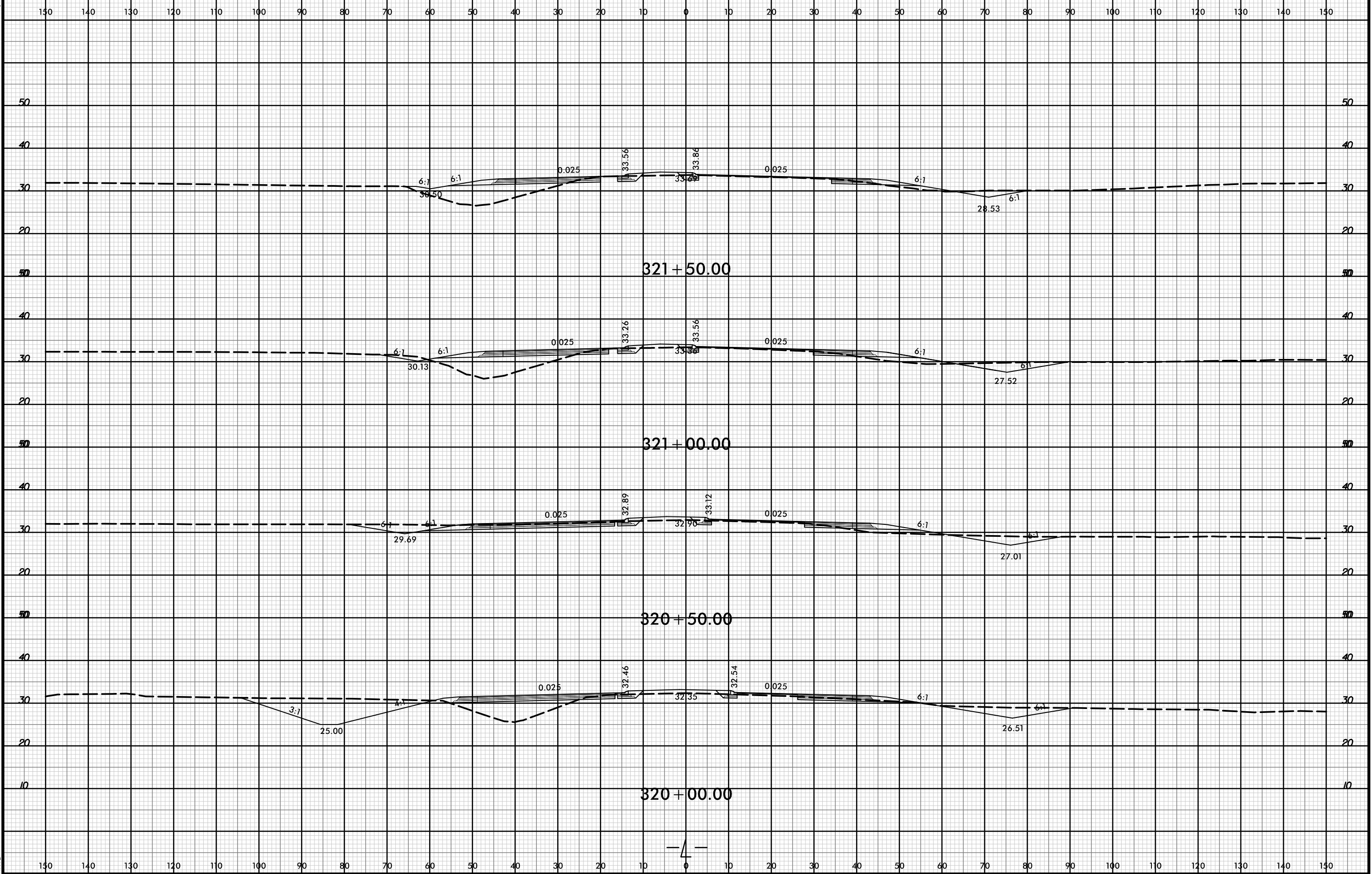




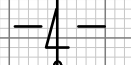
8/23/99

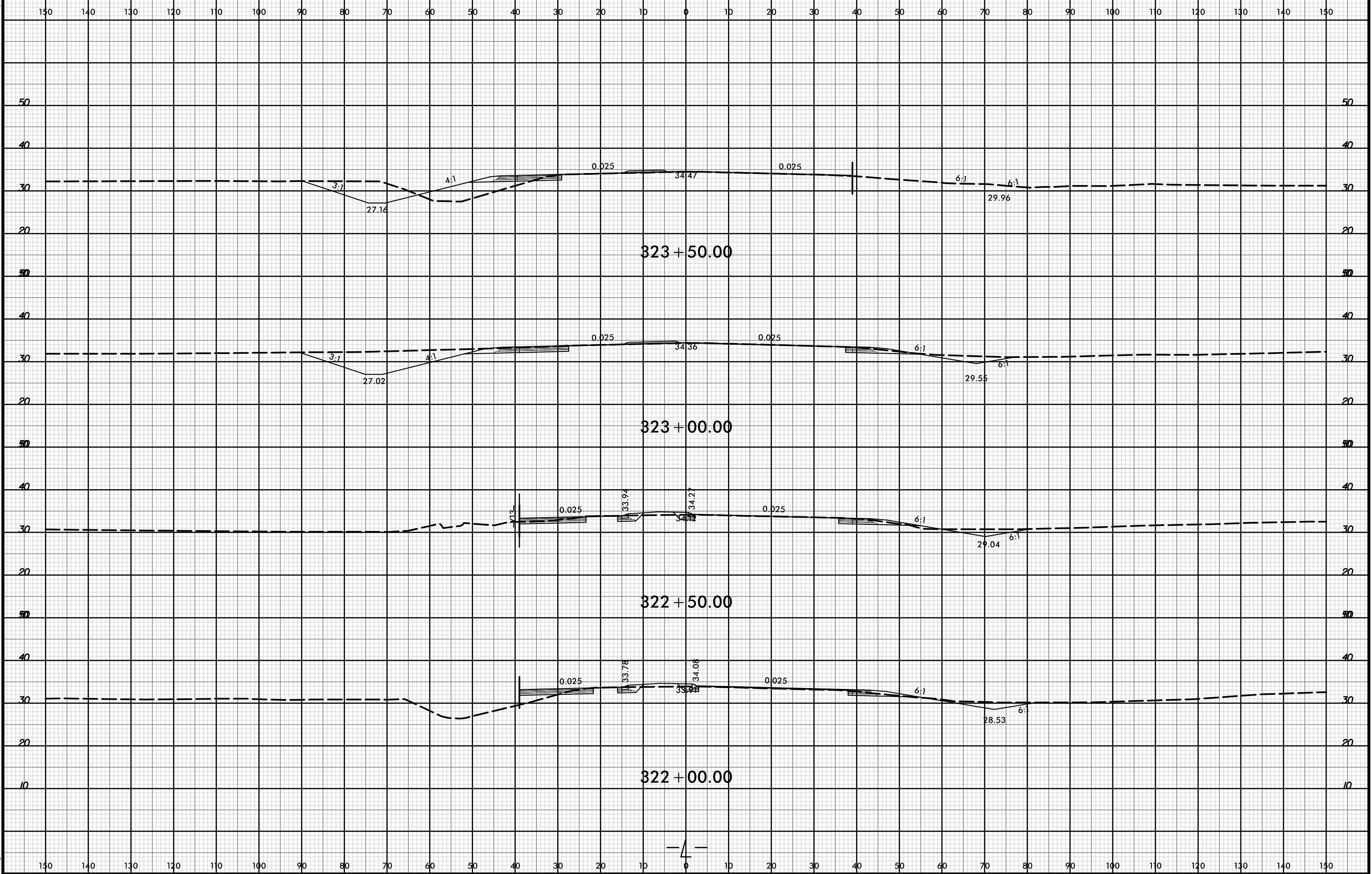


PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-141



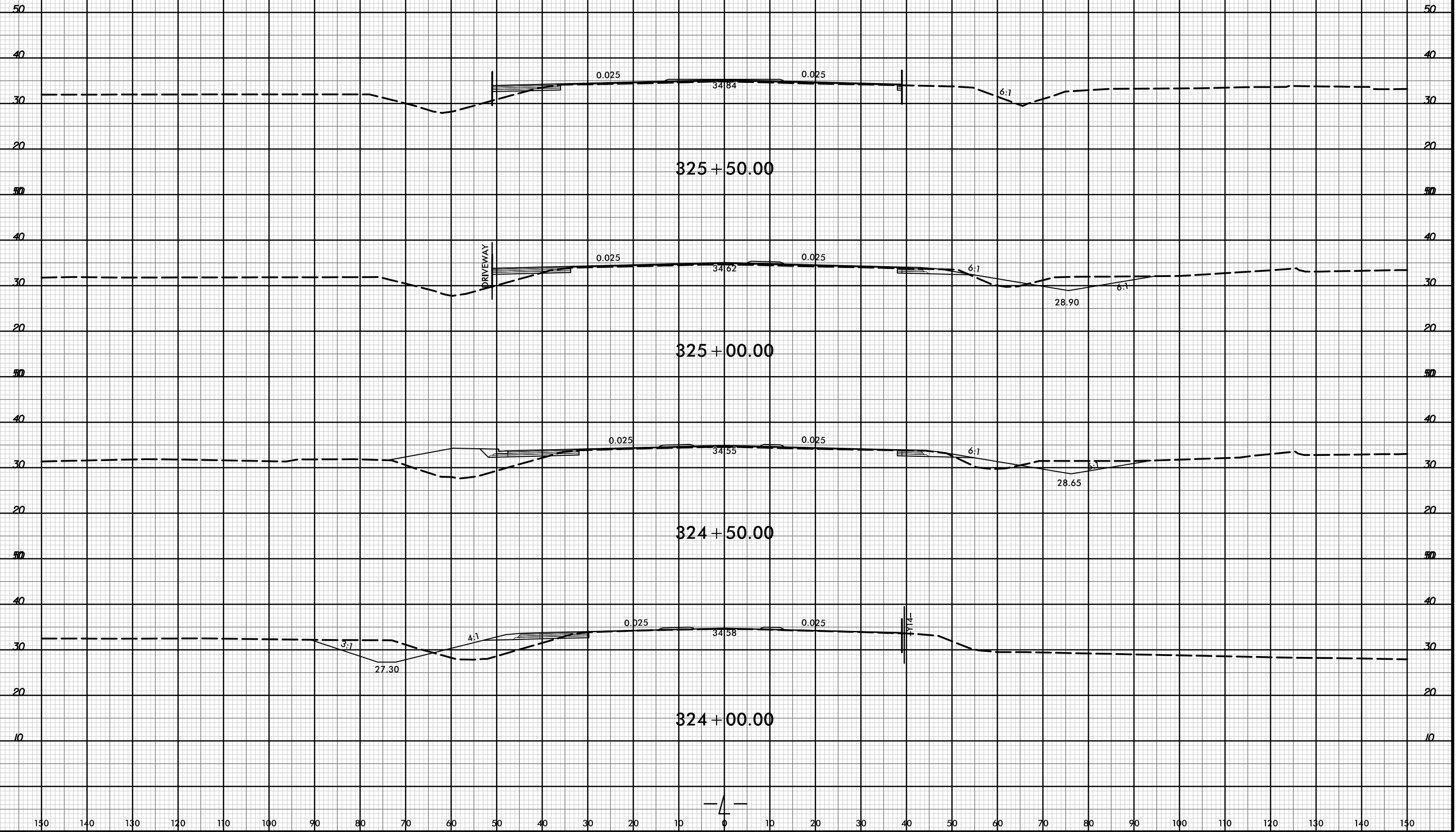
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HTB







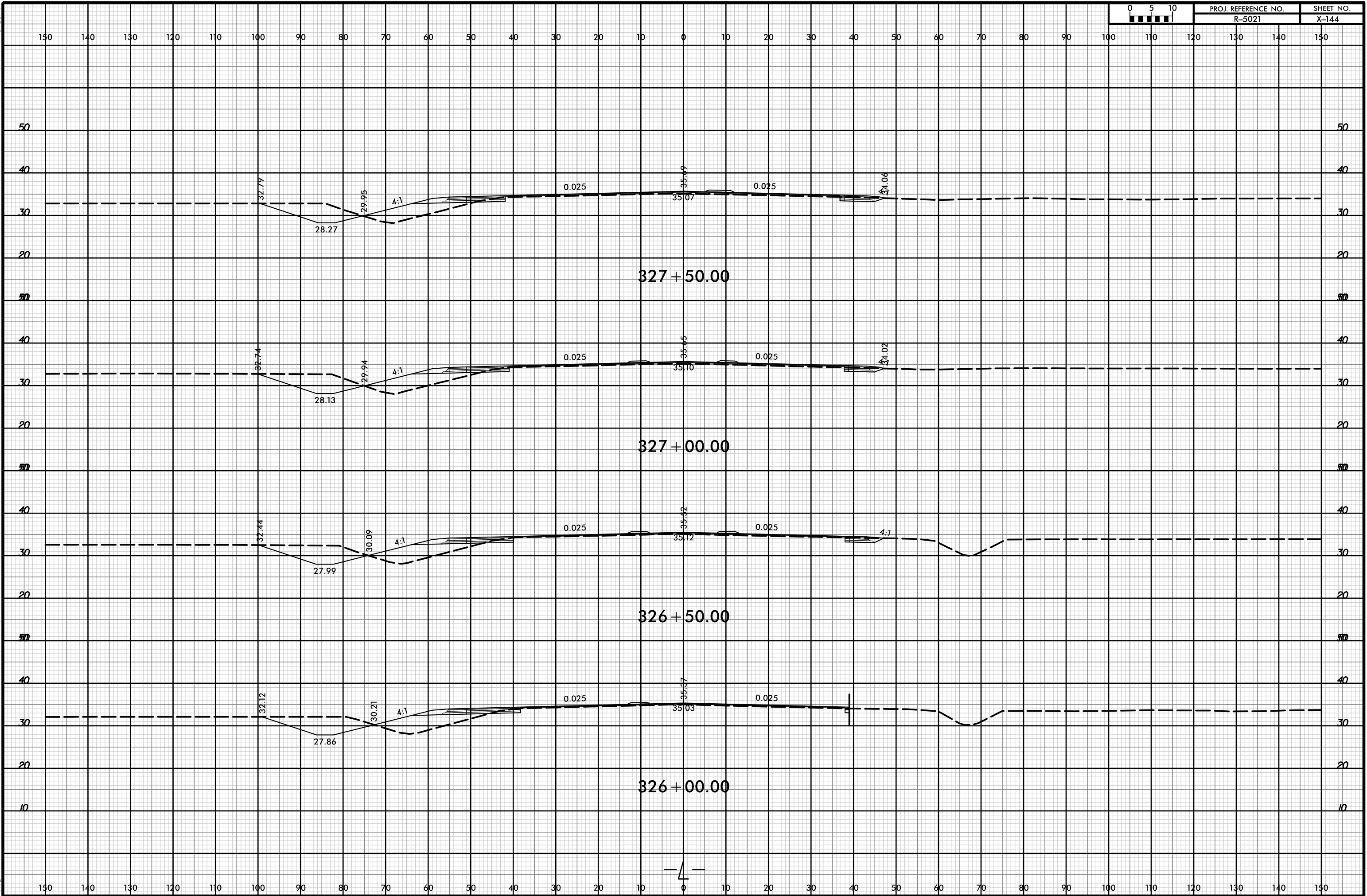
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8/23/99

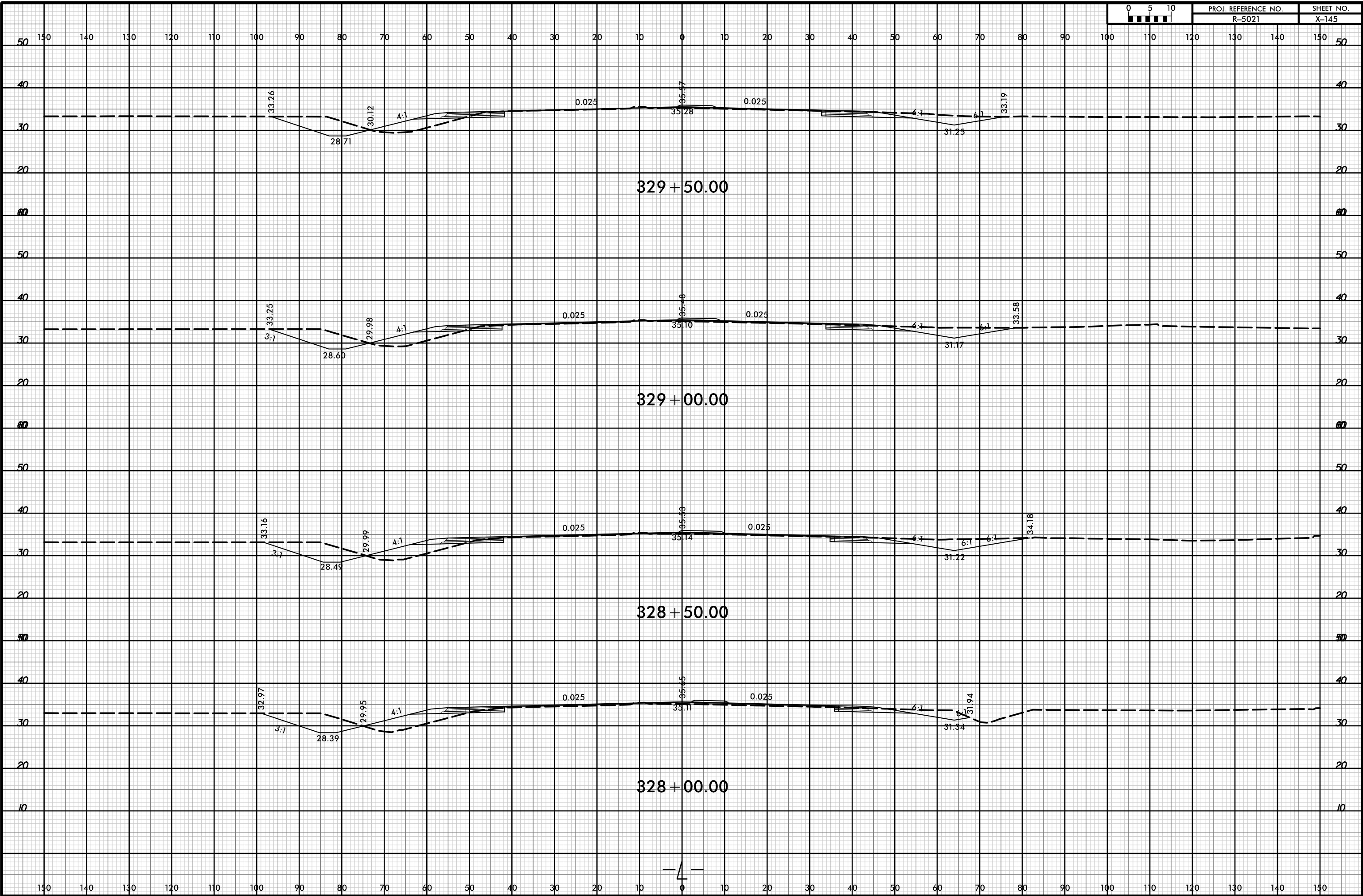


PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-144

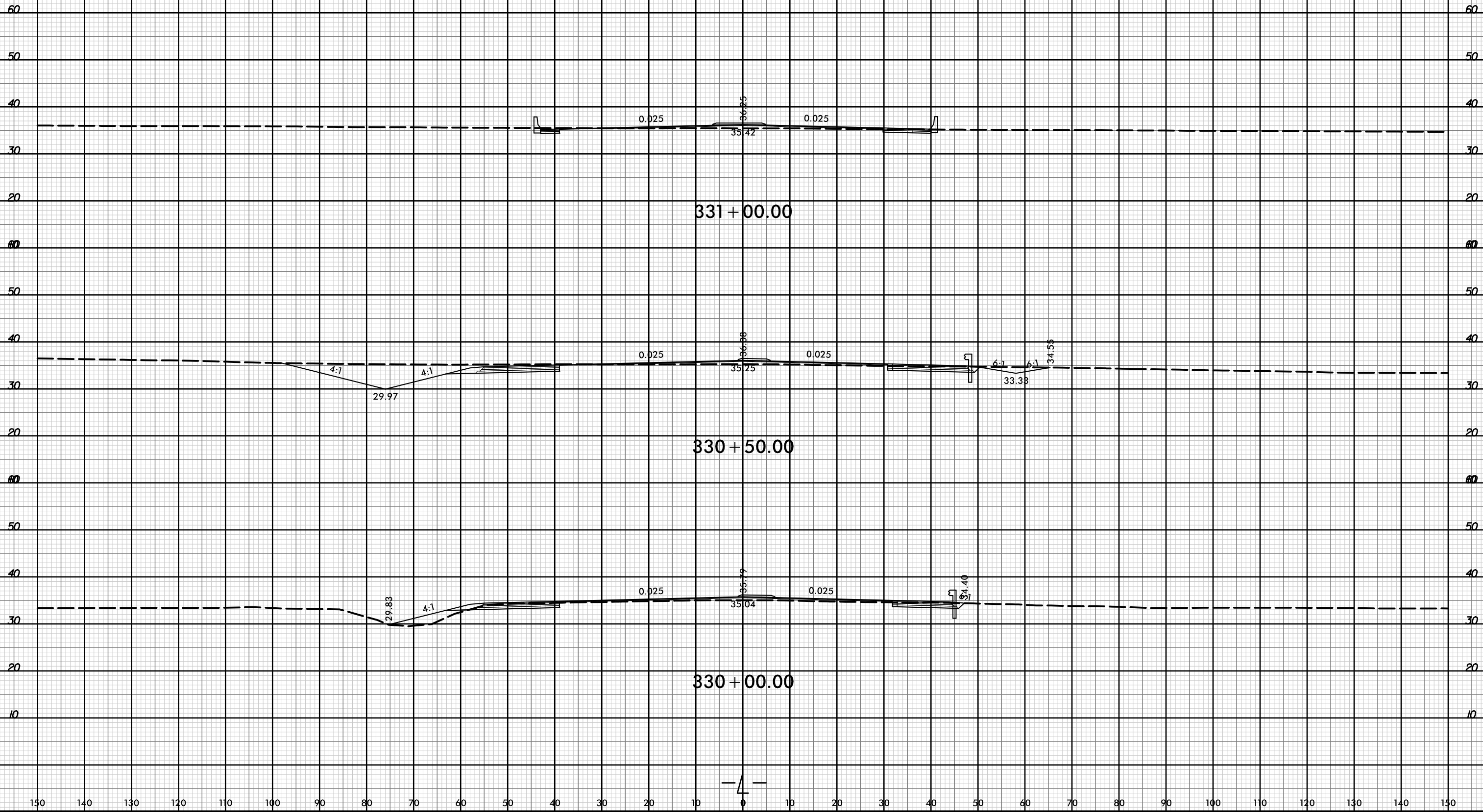


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HNFB



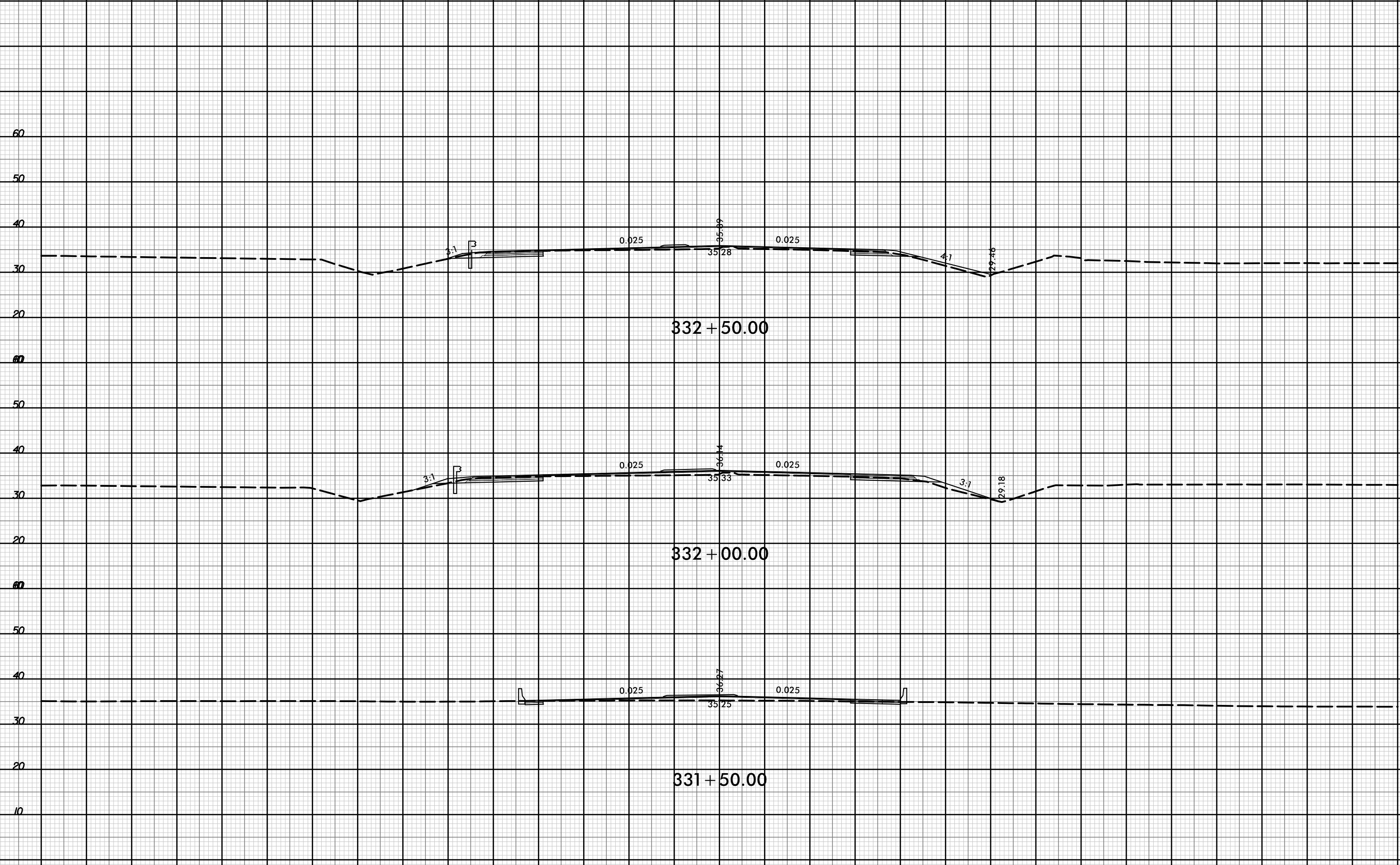


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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



332 + 50.00

332 + 00.00

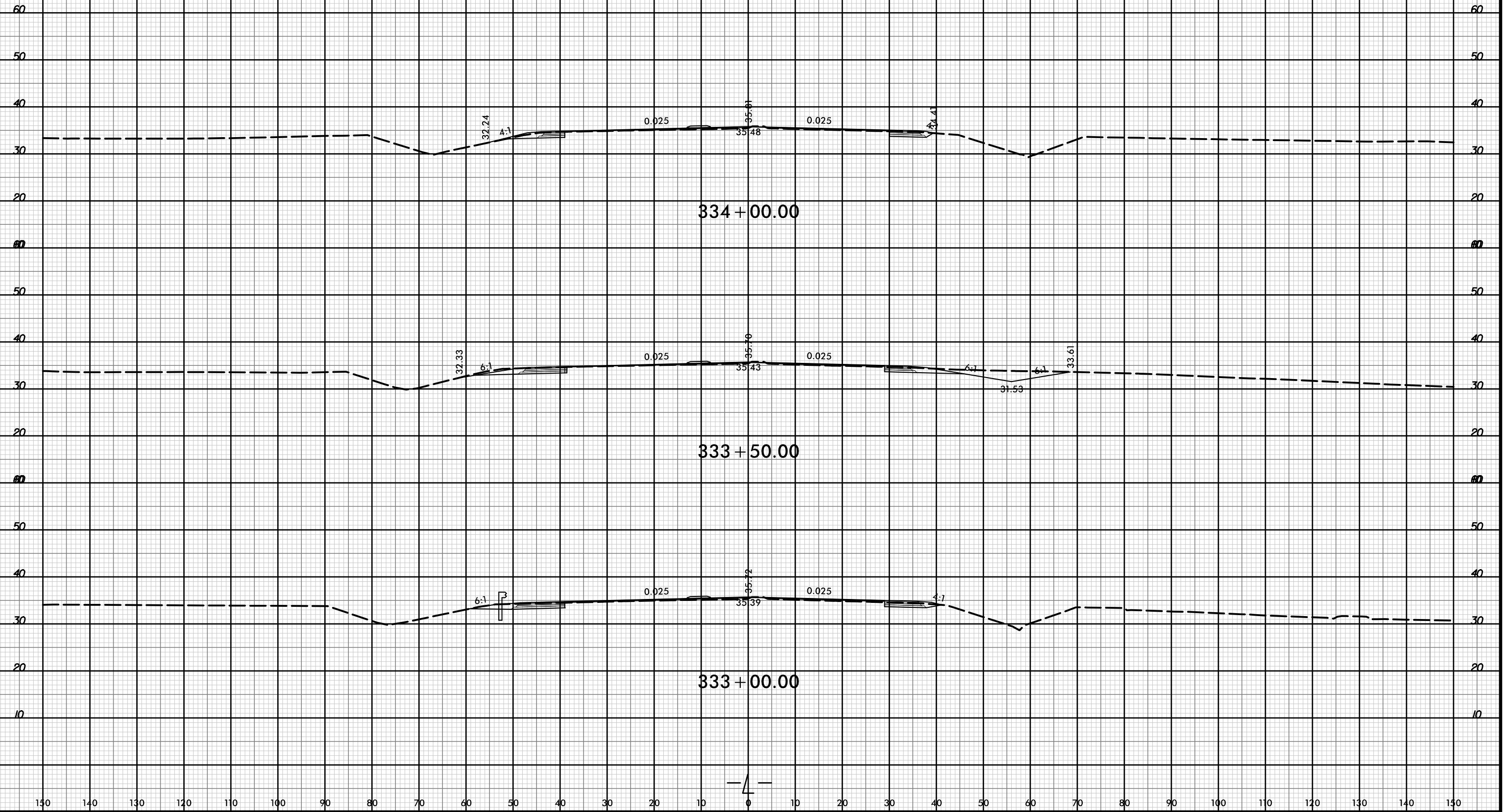
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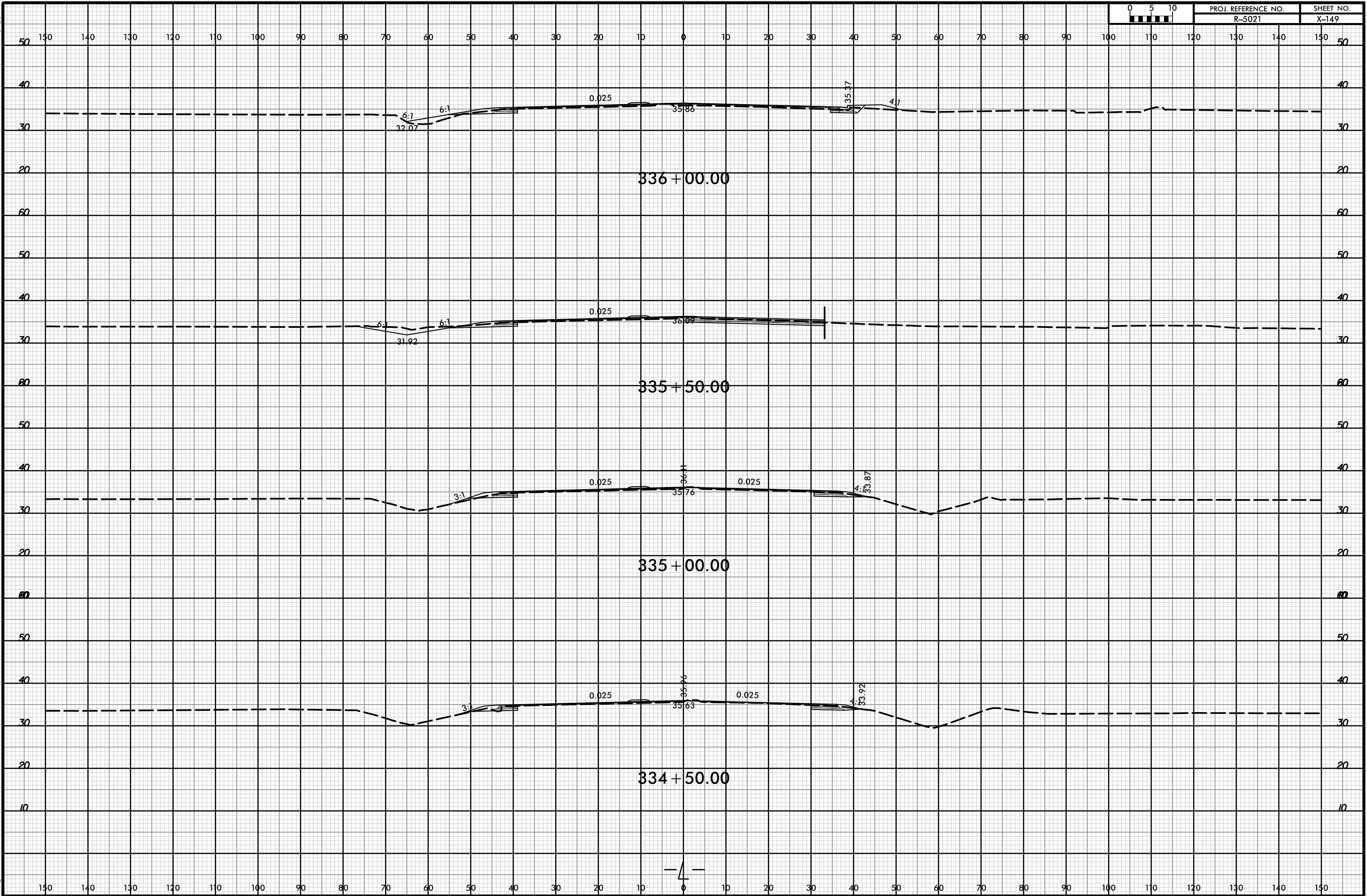
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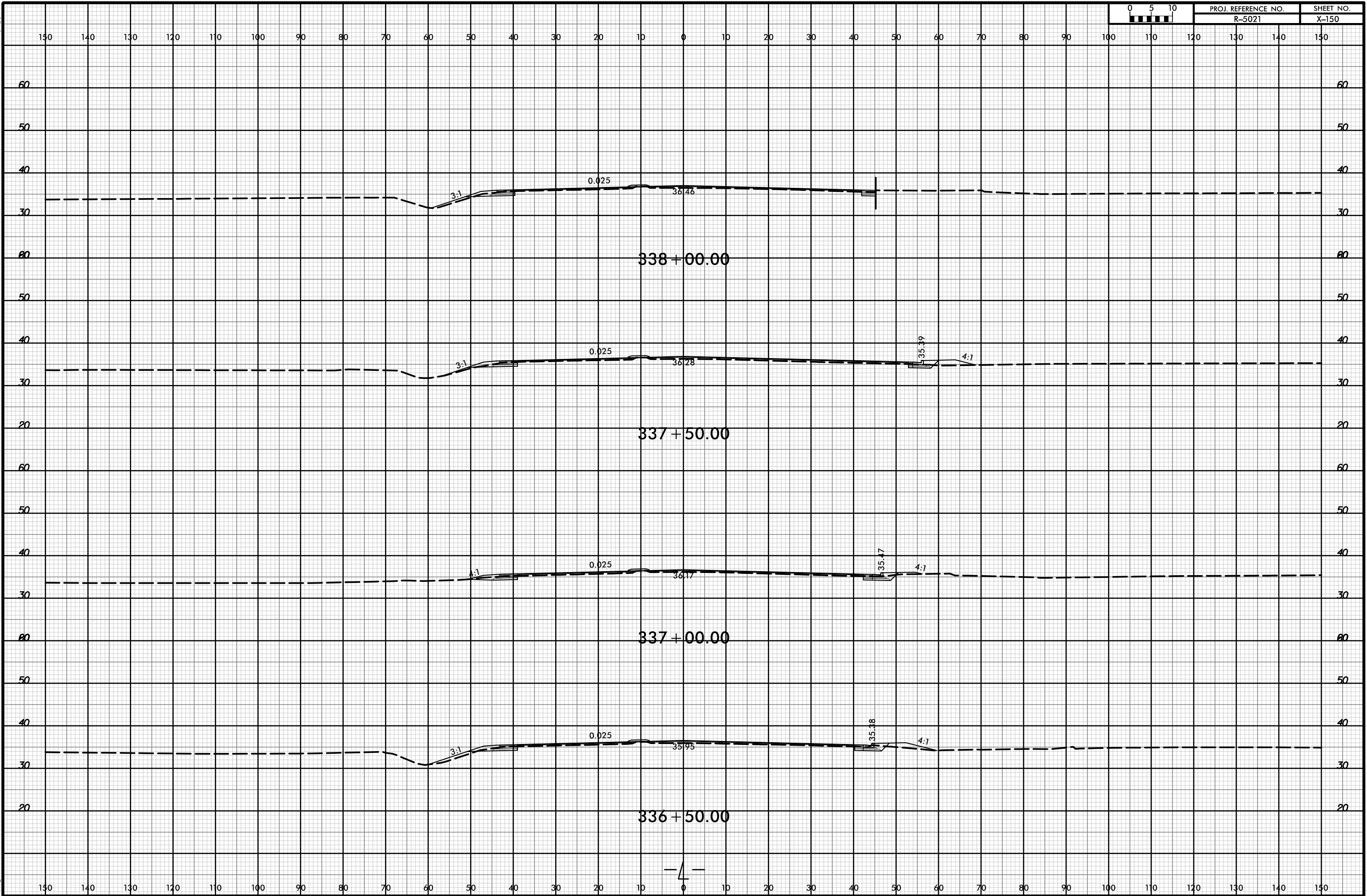


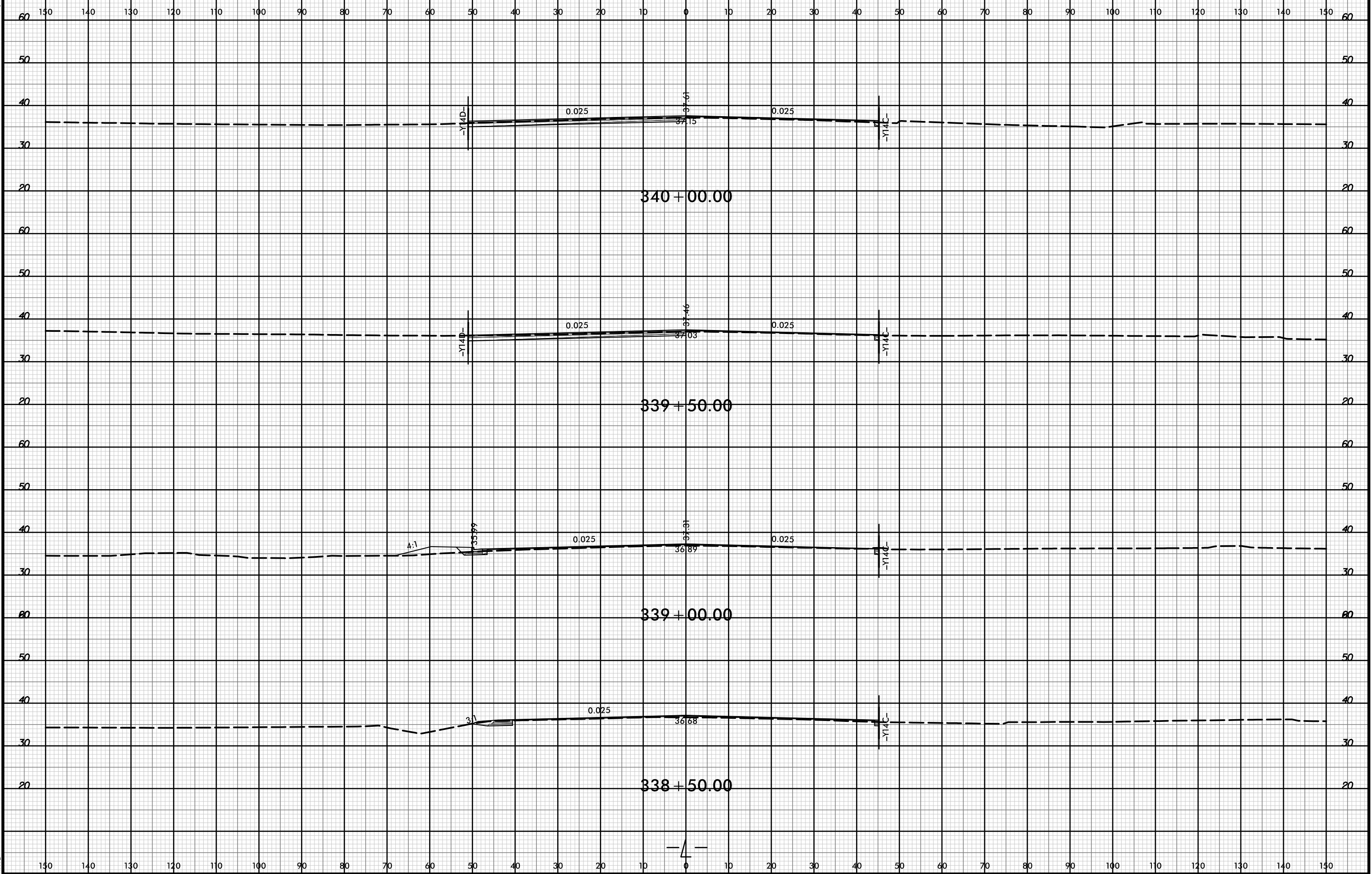
PROJ. REFERENCE NO. R-5021	SHEET NO. X-149
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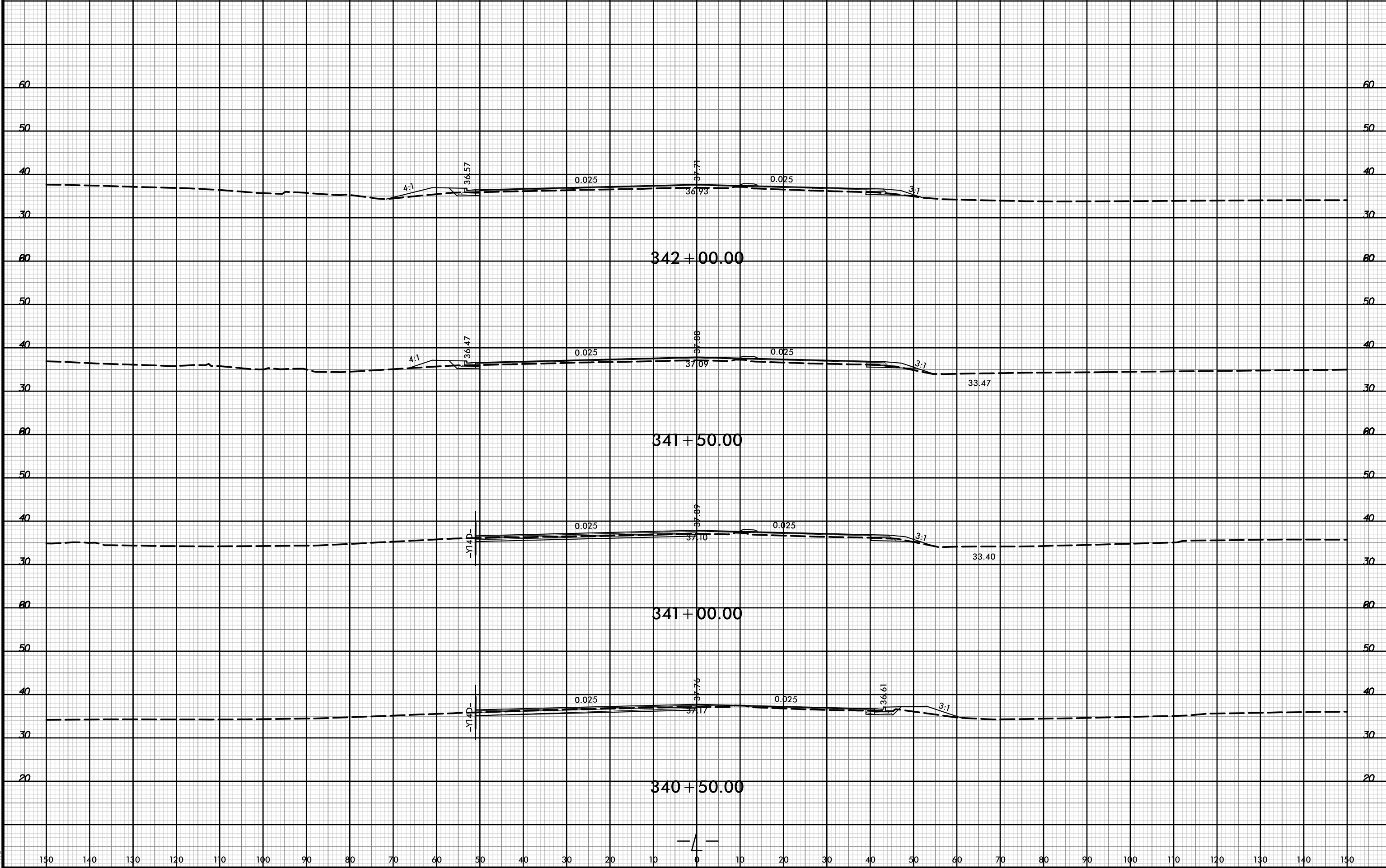
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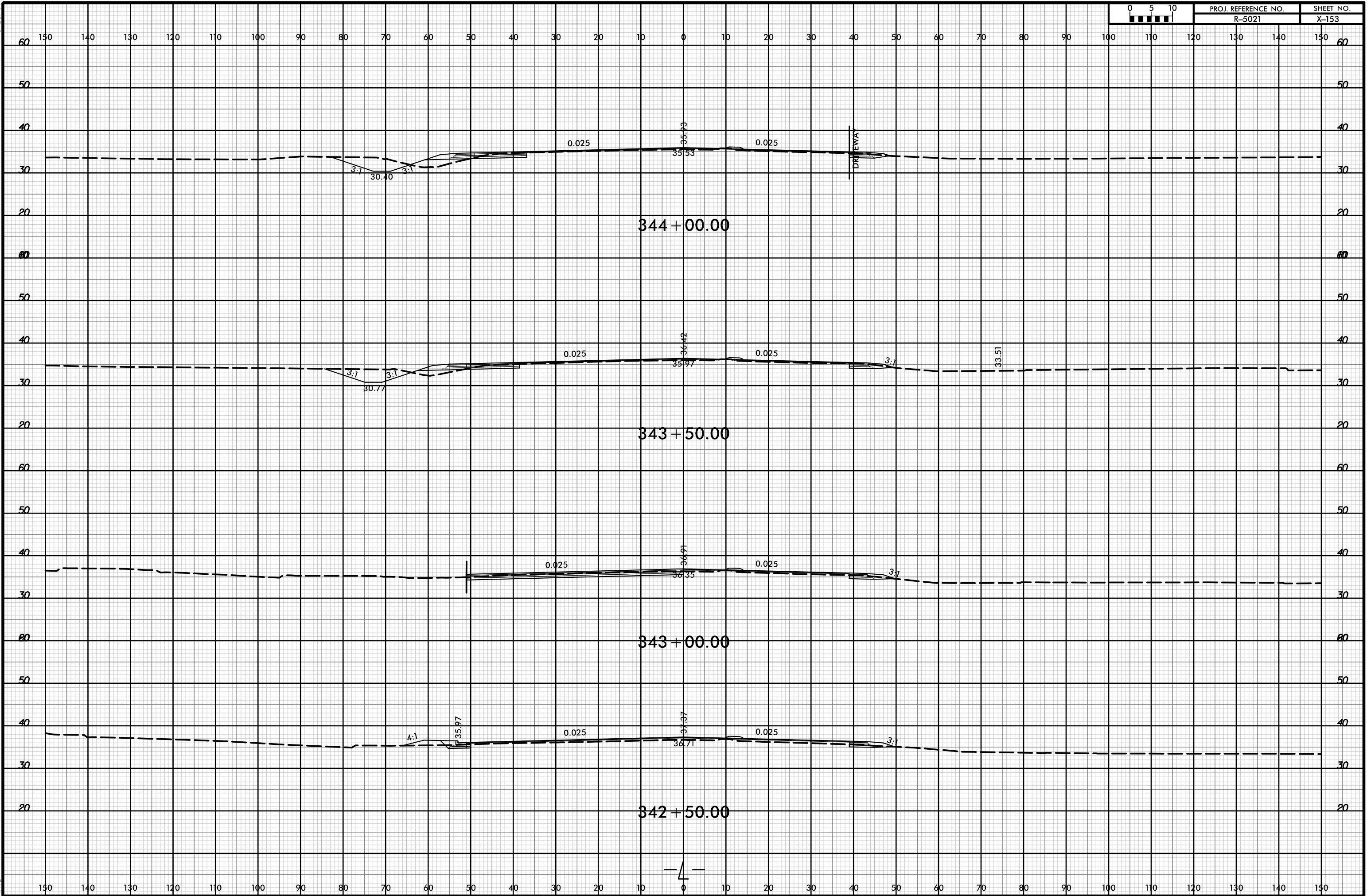


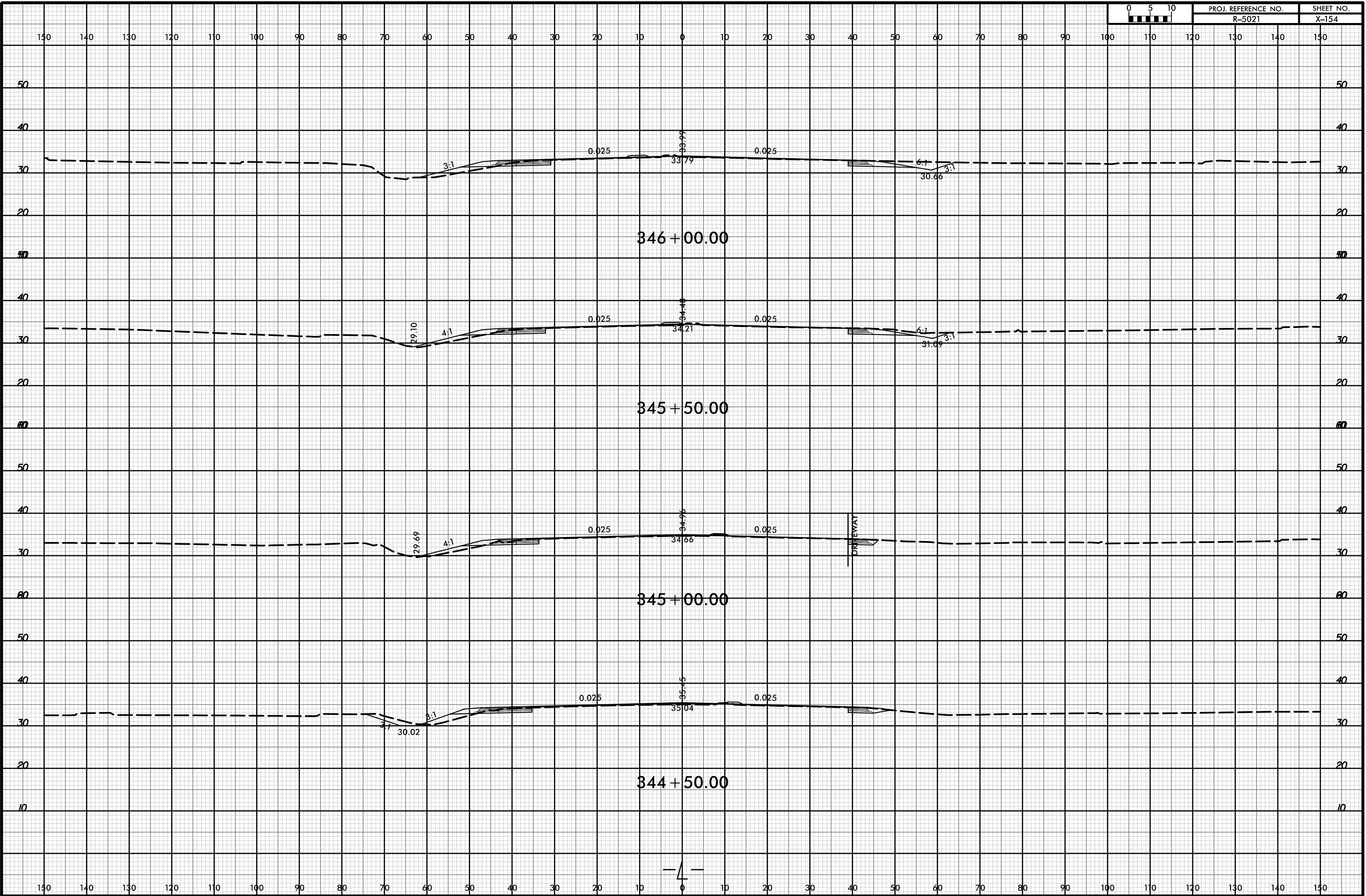




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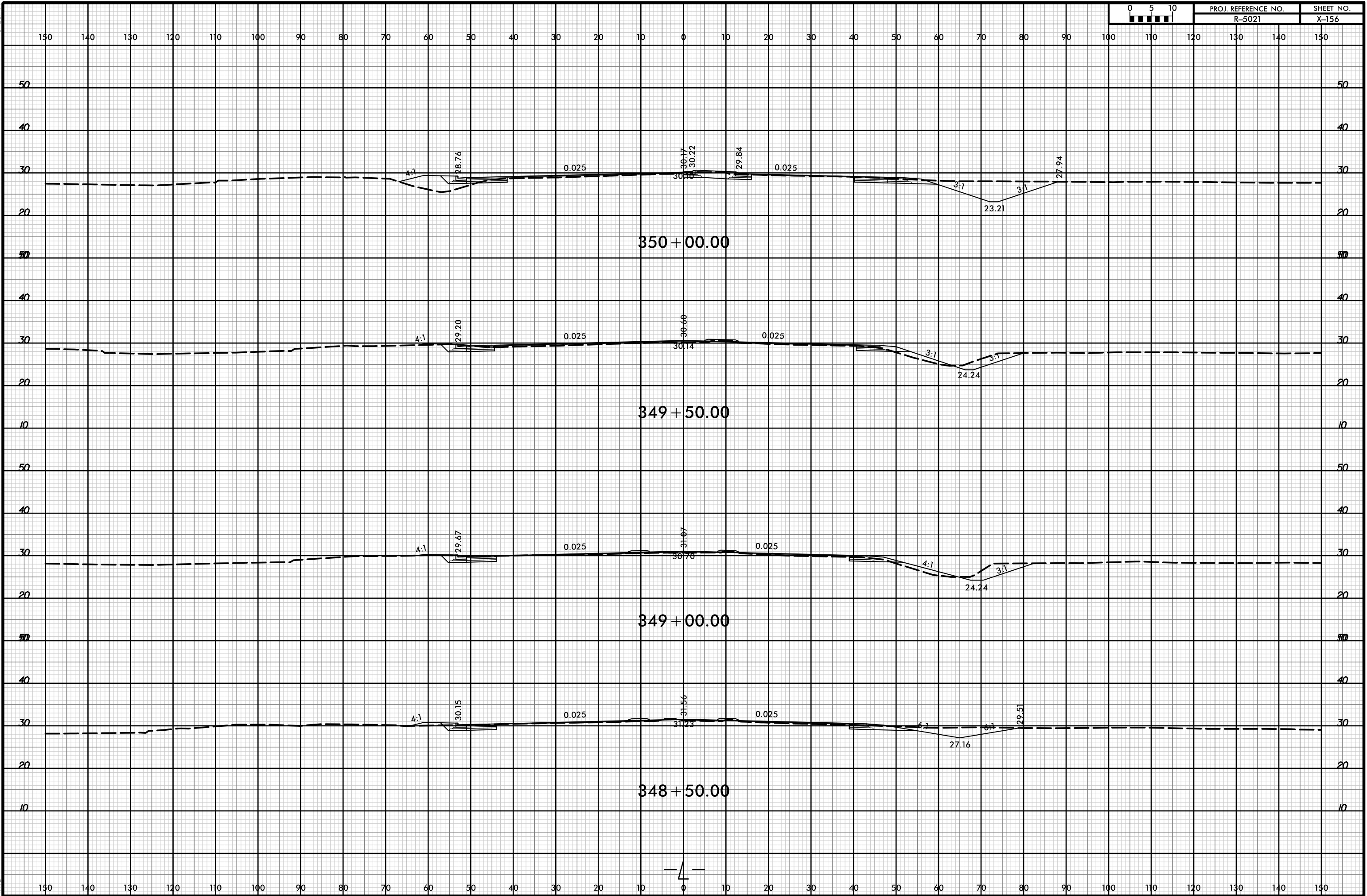


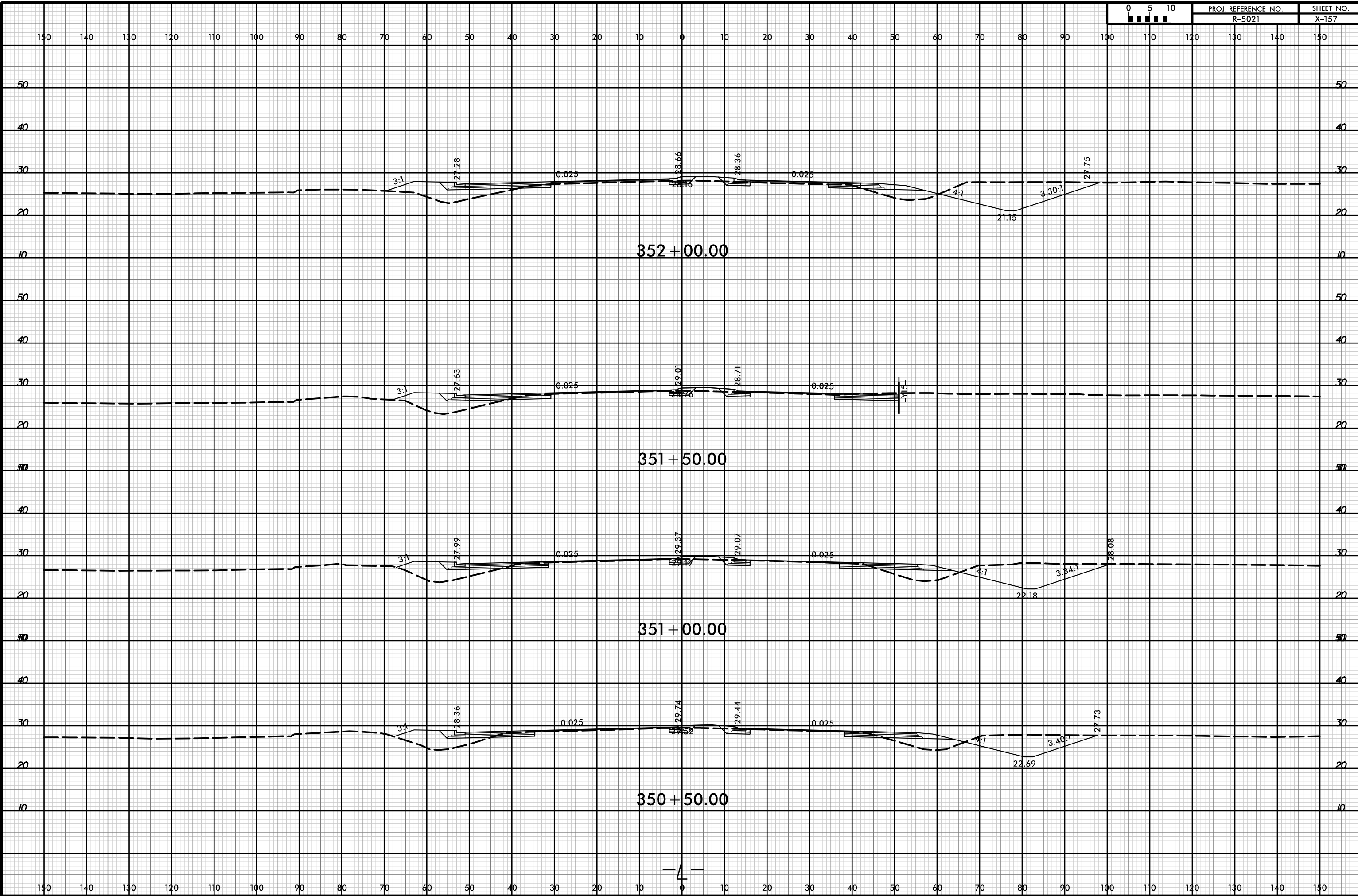


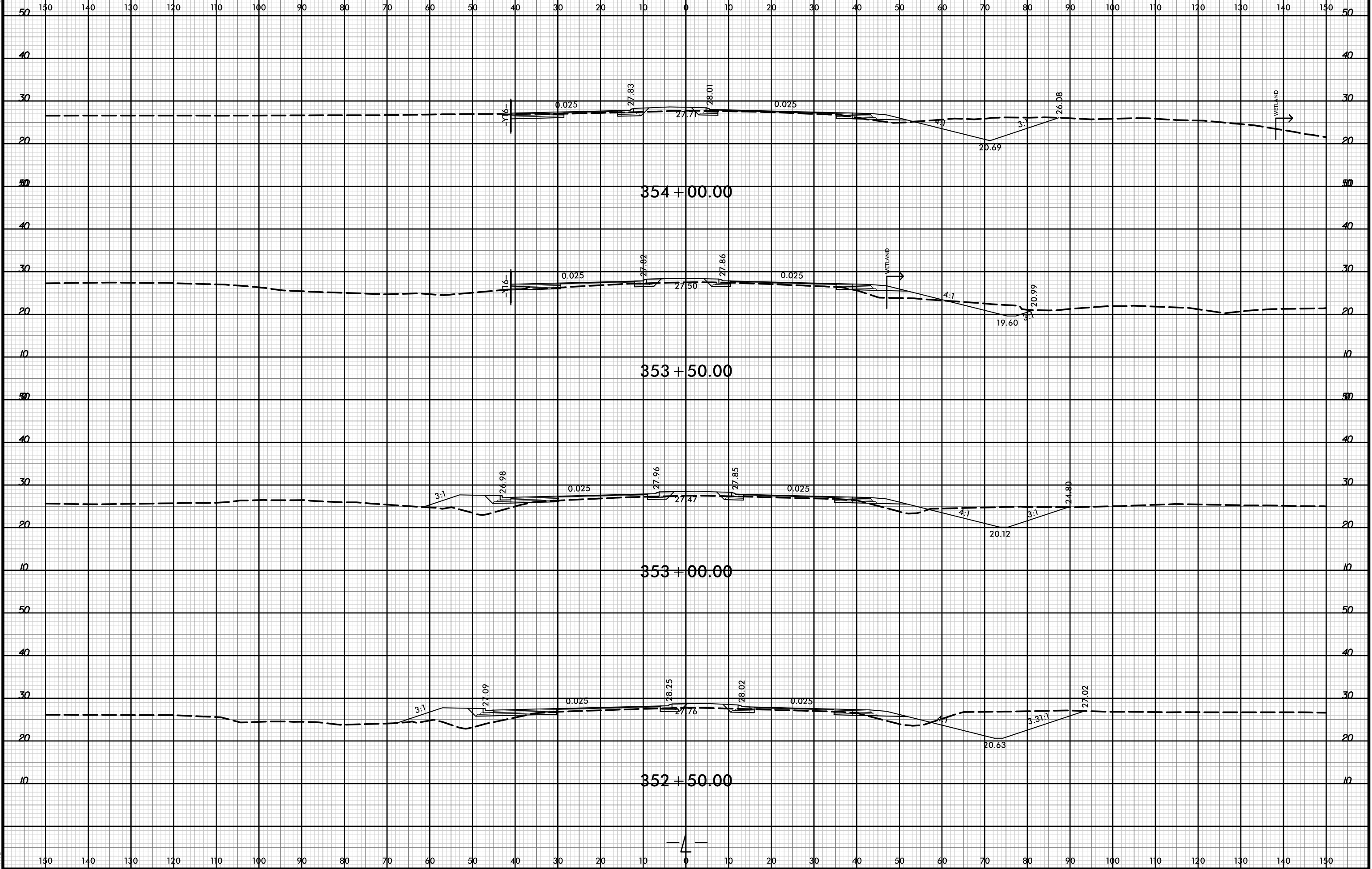




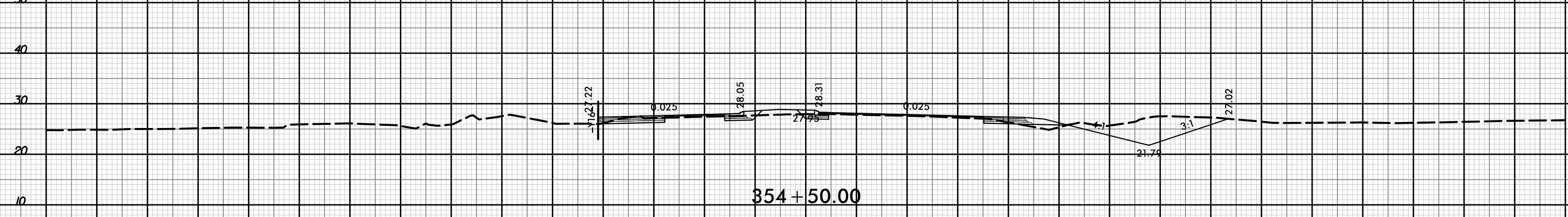
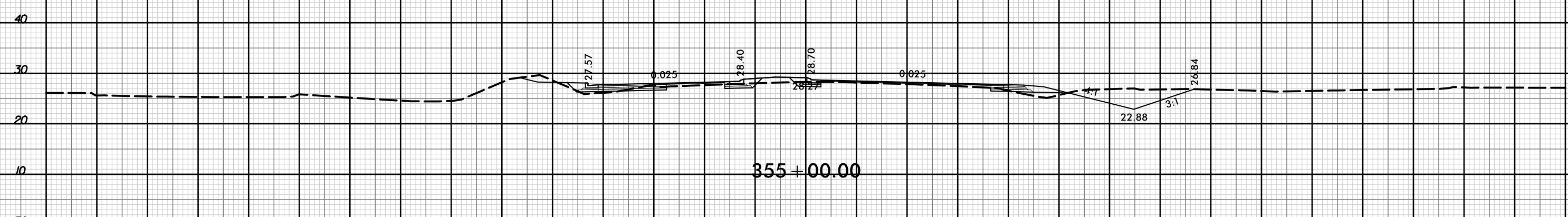
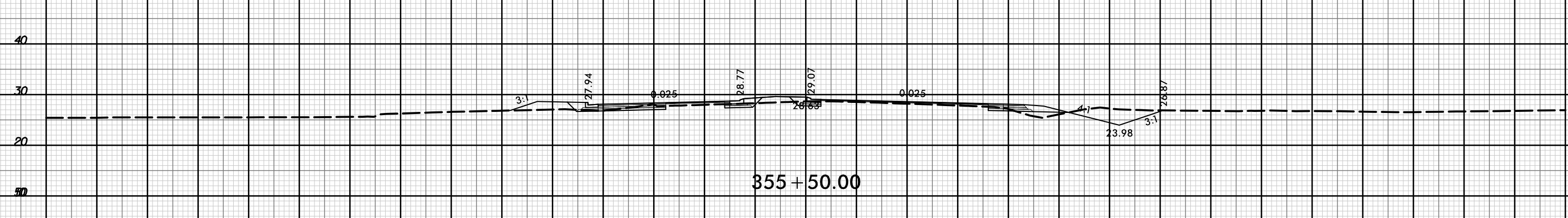
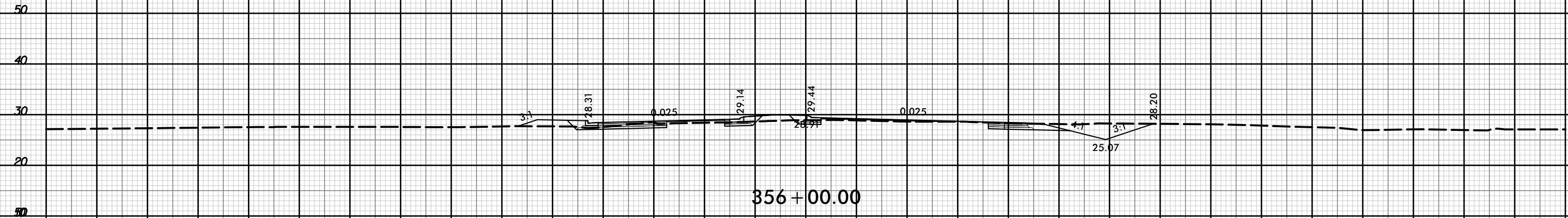






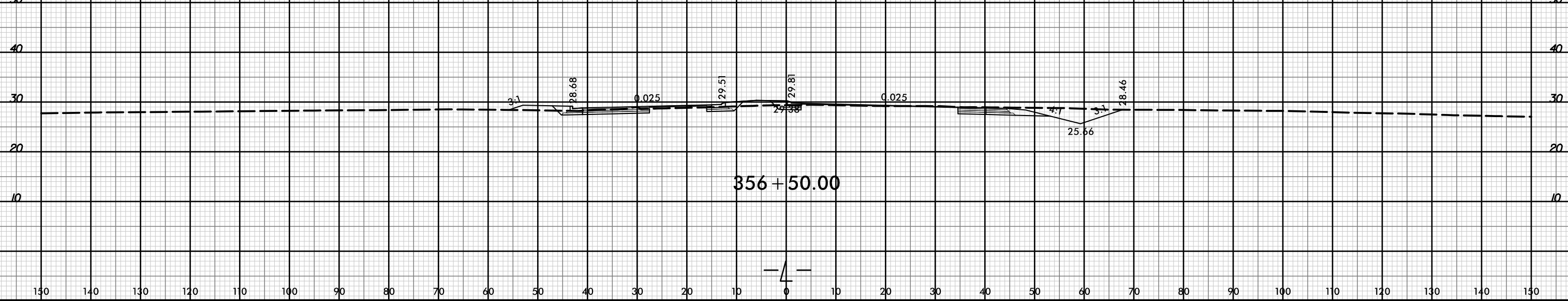
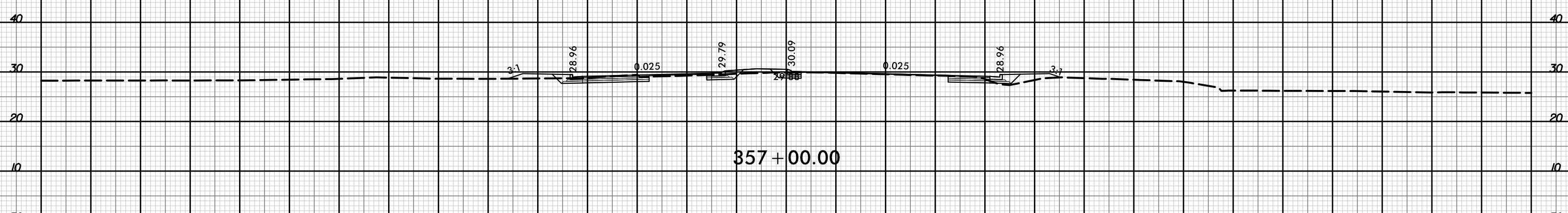
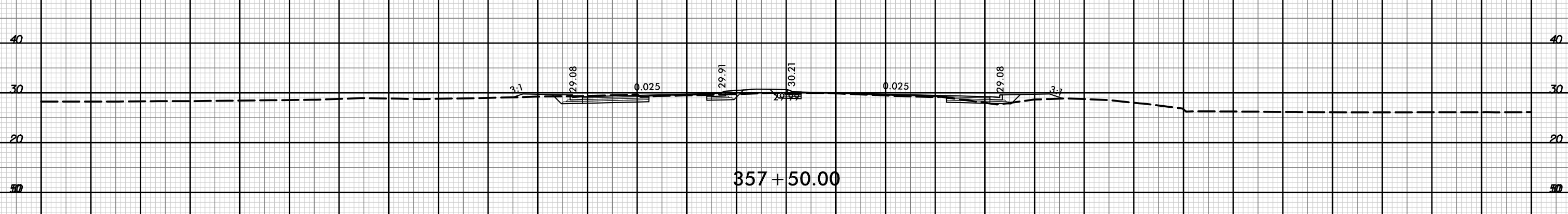
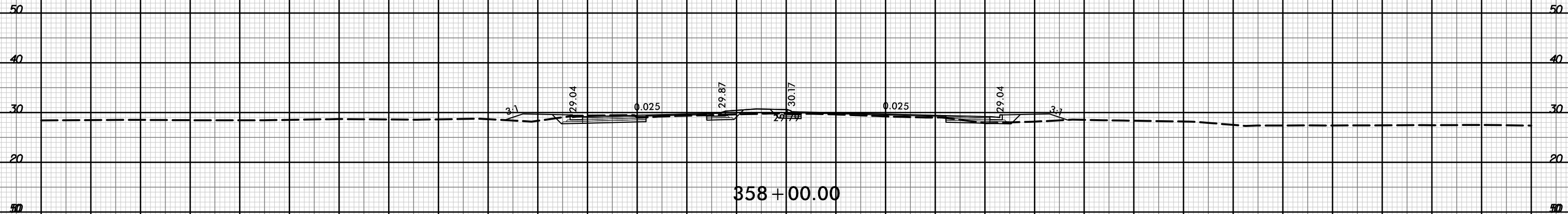


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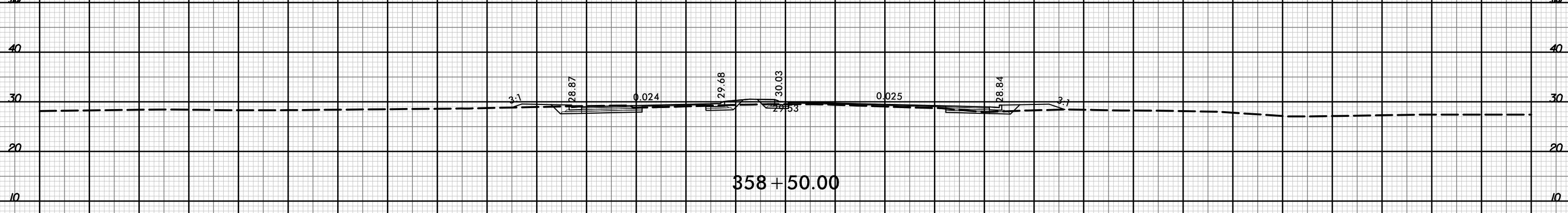
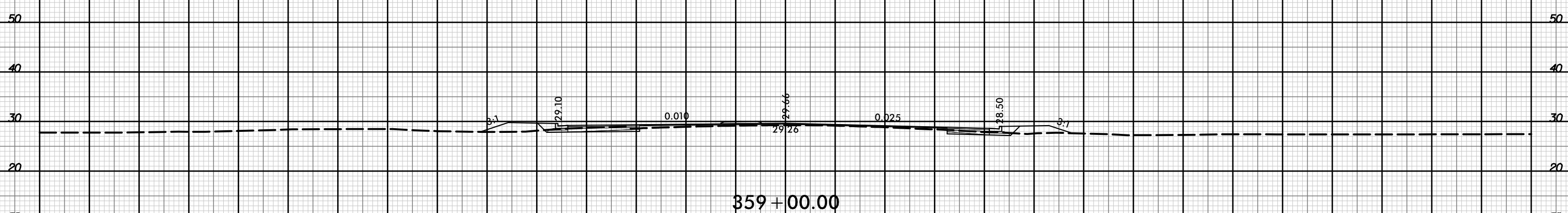
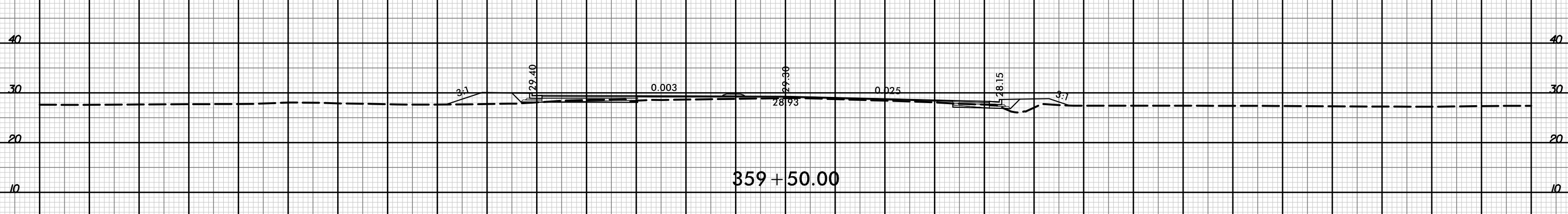
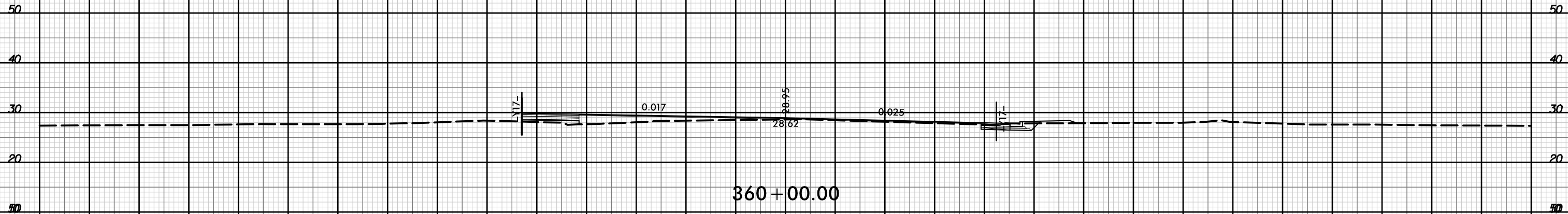


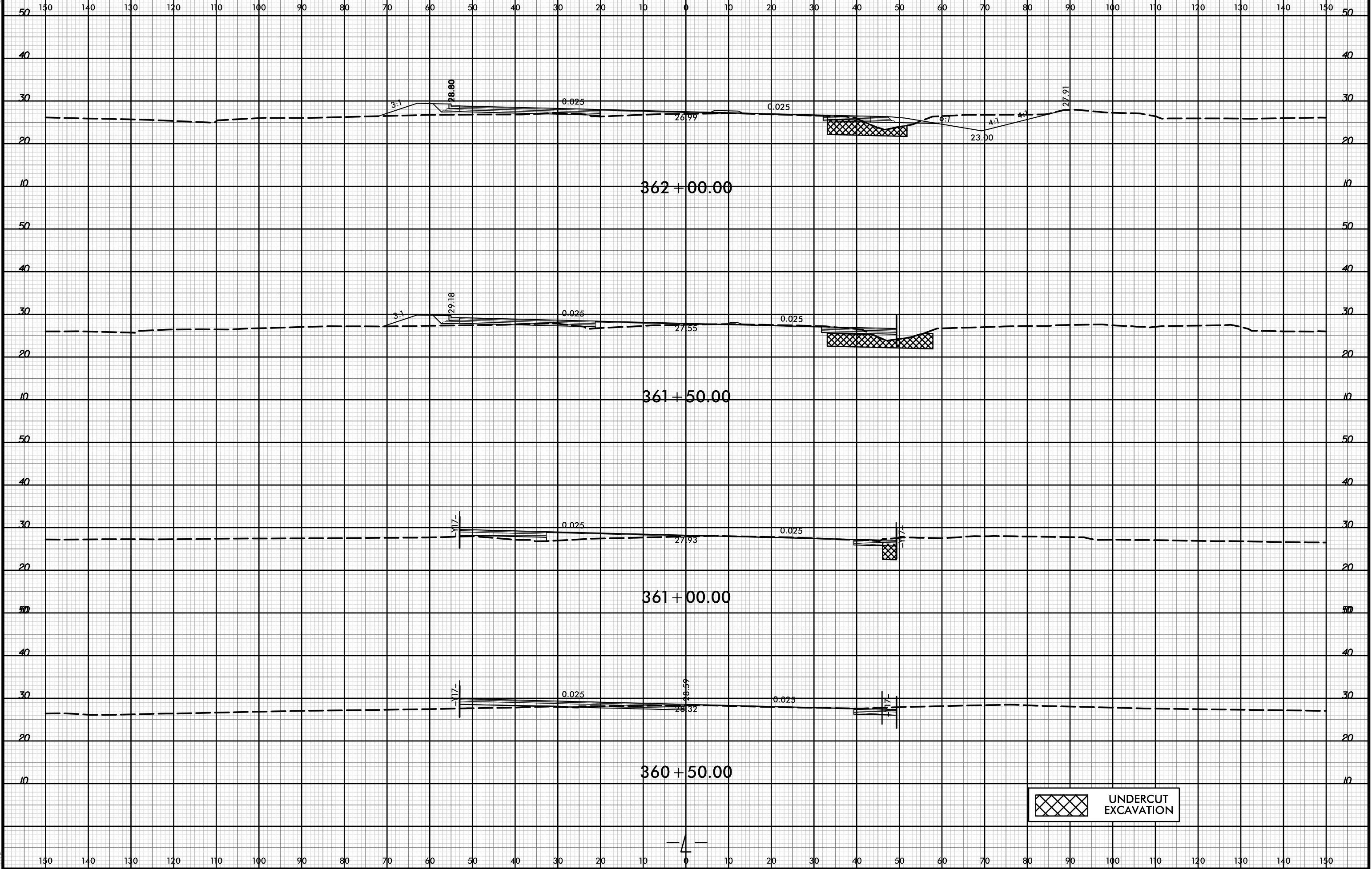
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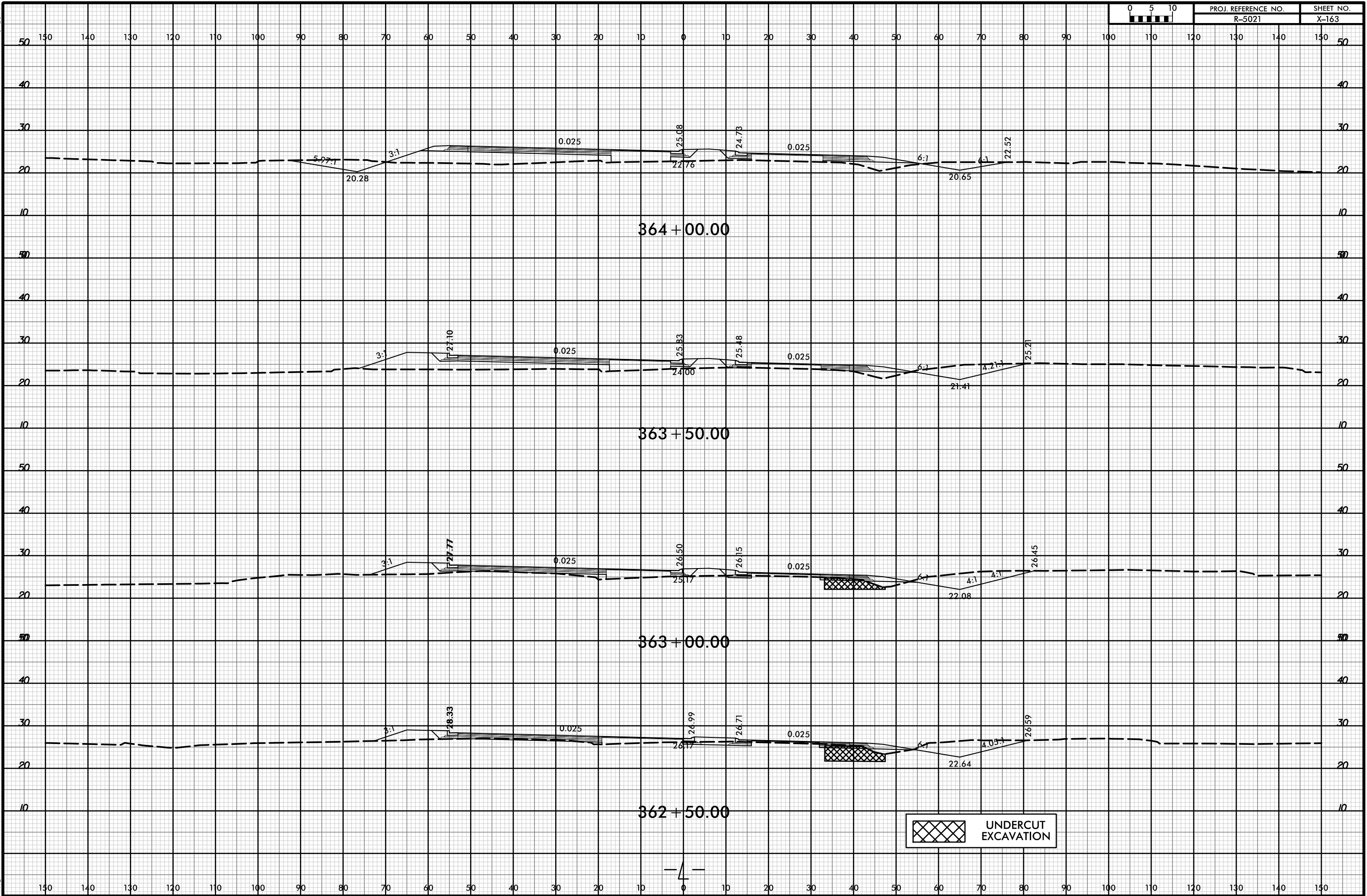
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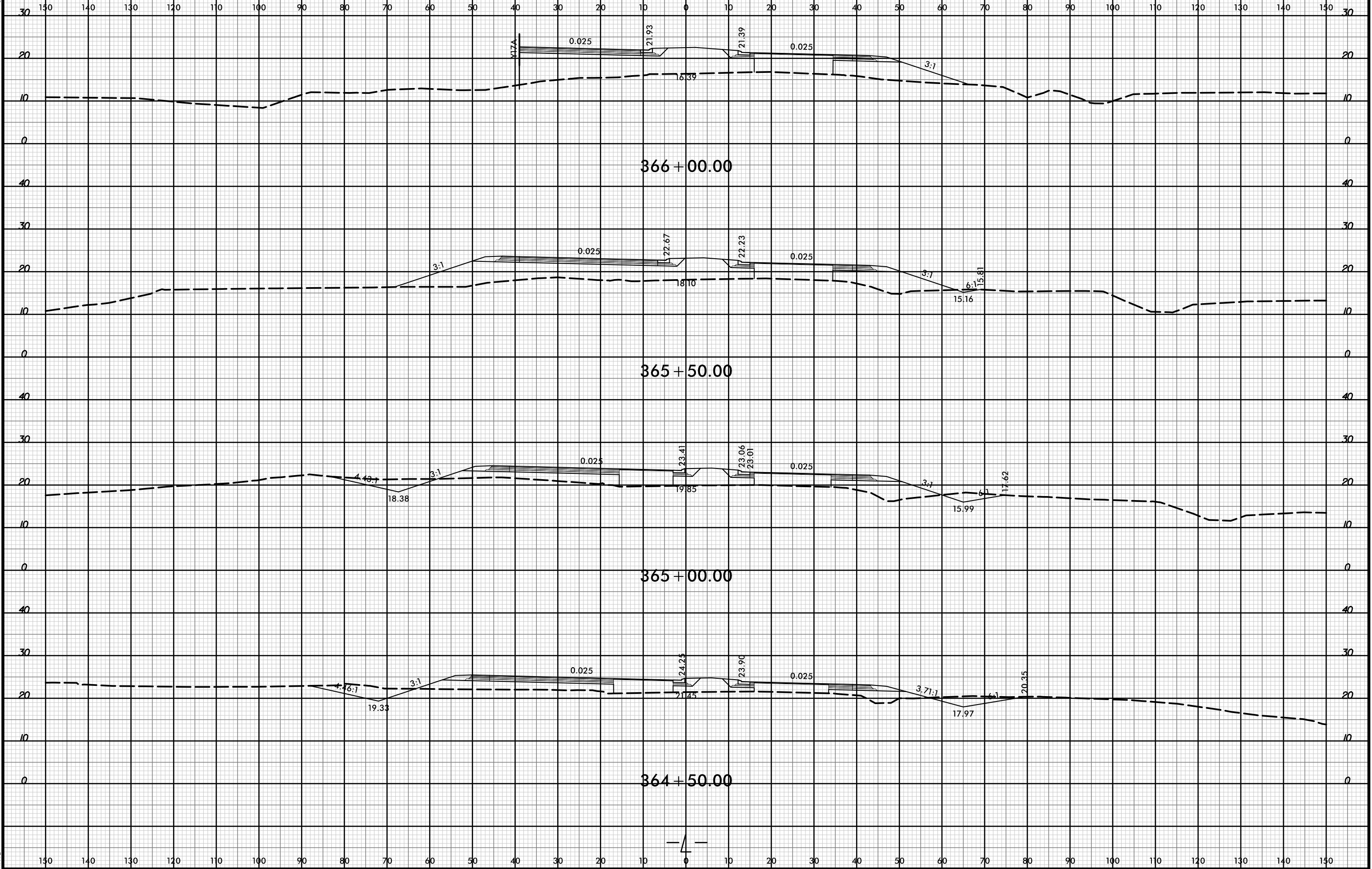
UNDERCUT EXCAVATION



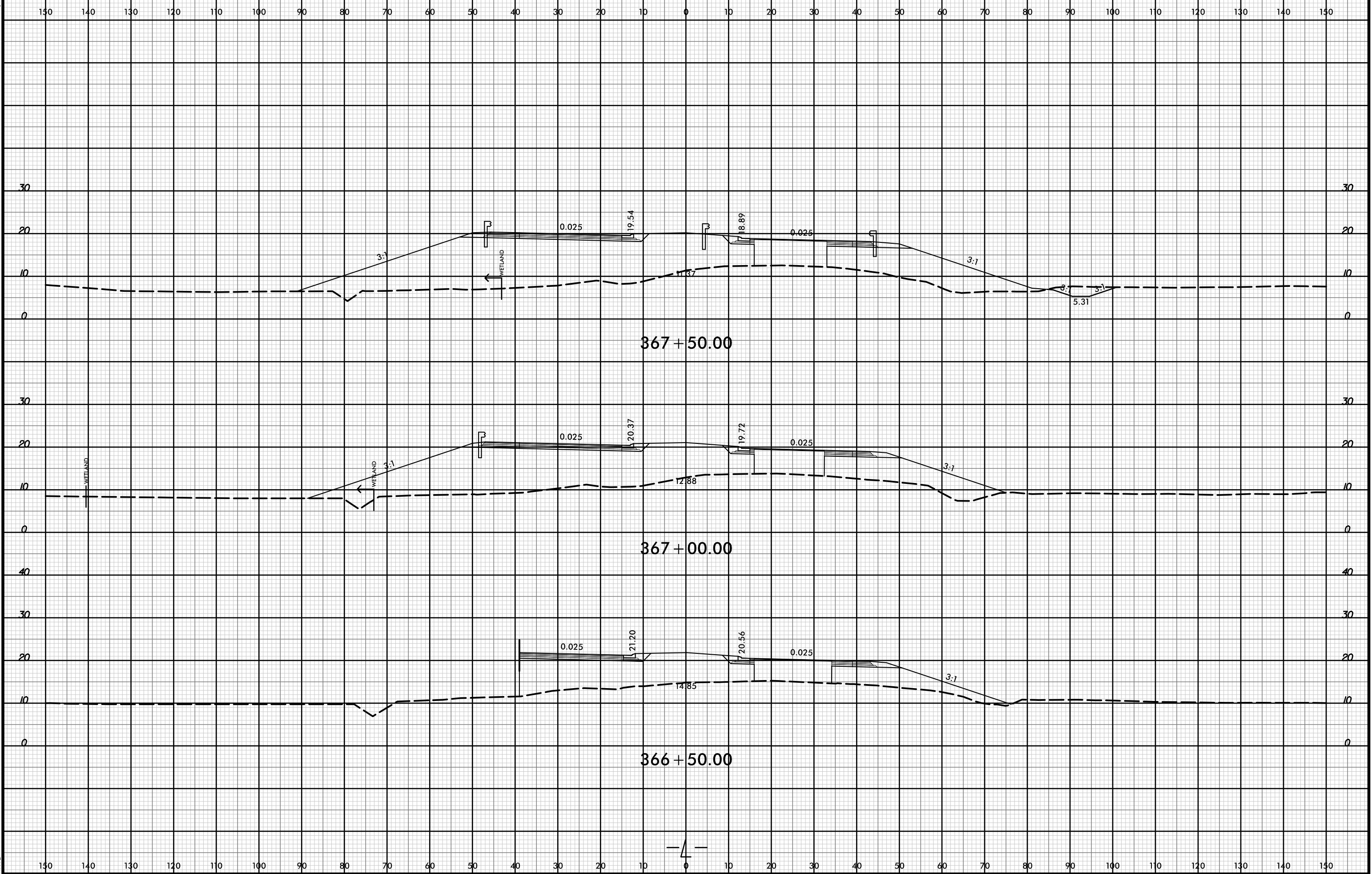
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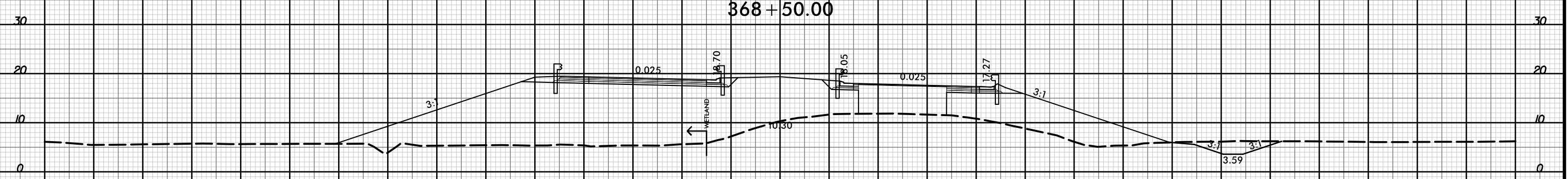
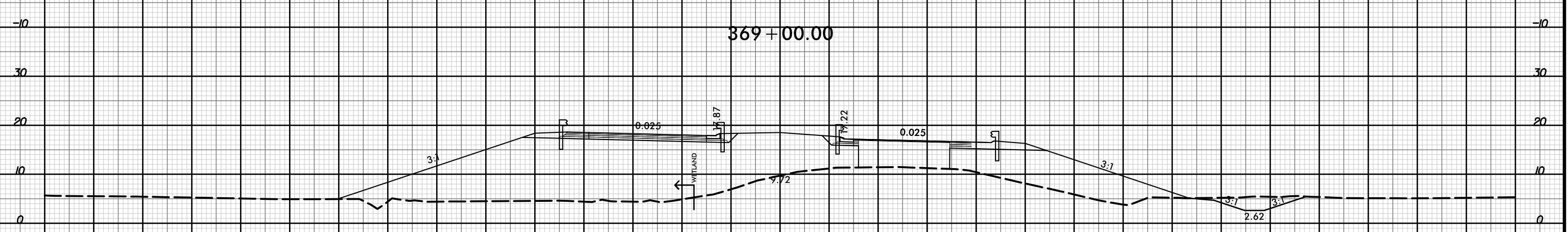
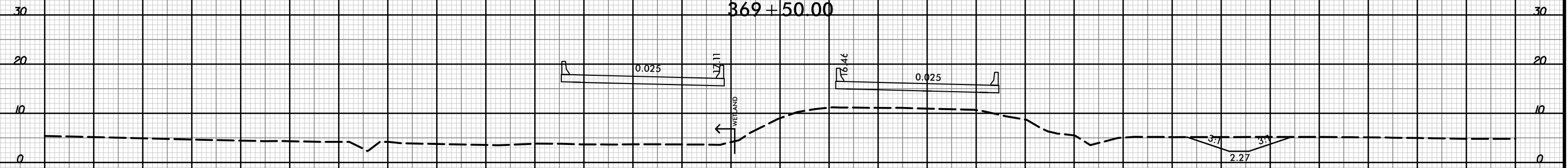
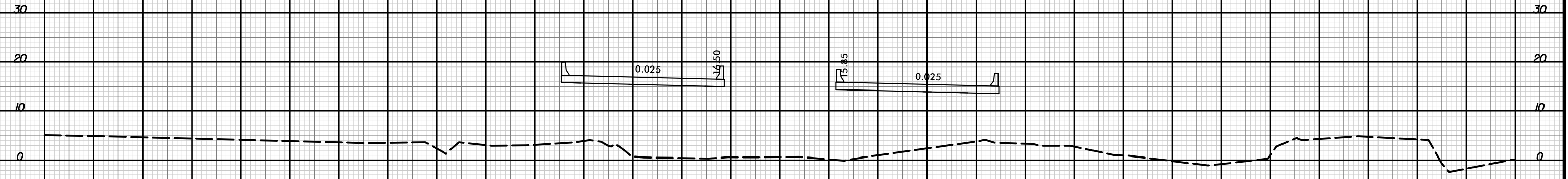
PROJ. REFERENCE NO. R-5021 SHEET NO. X-164



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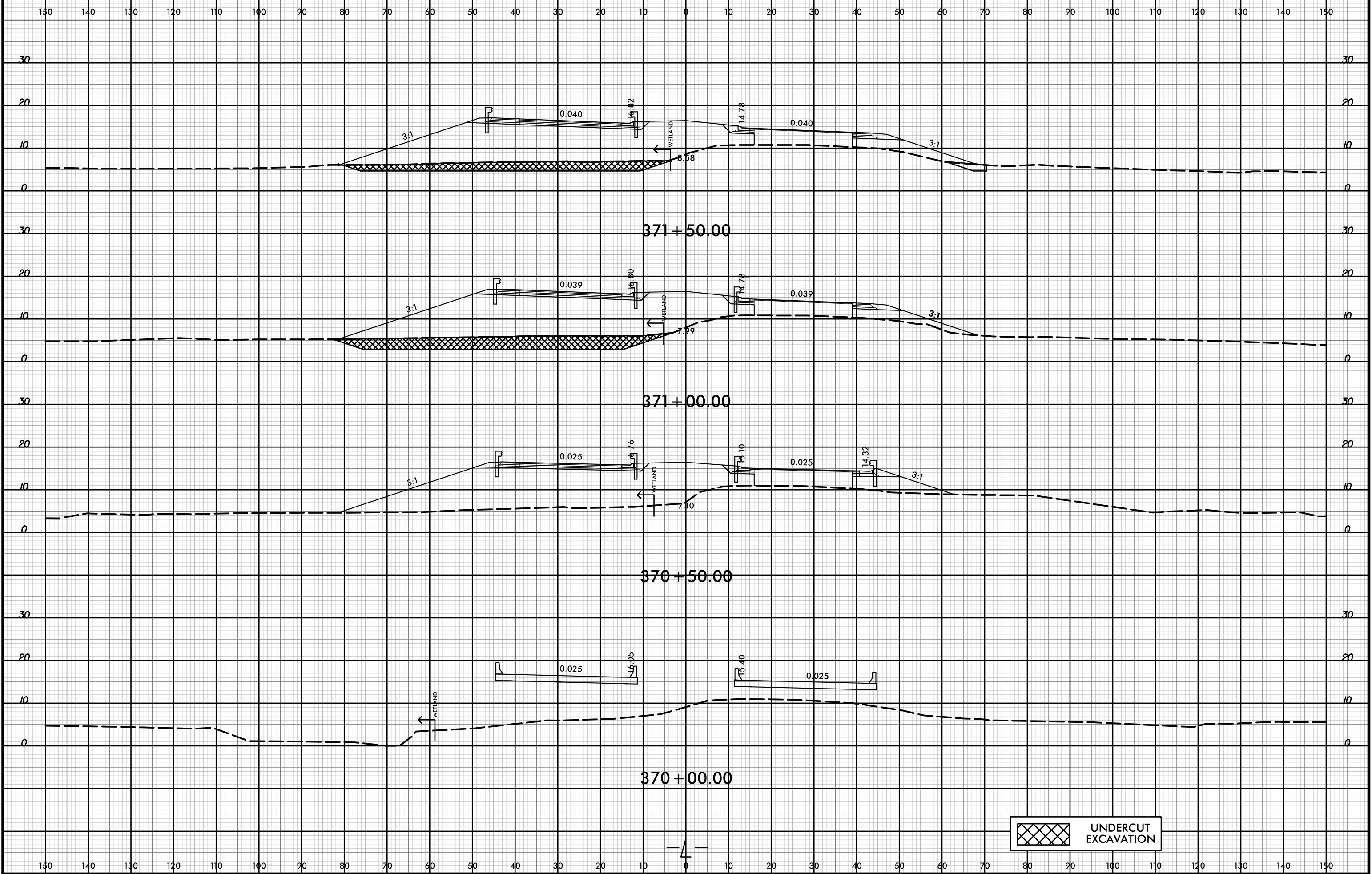


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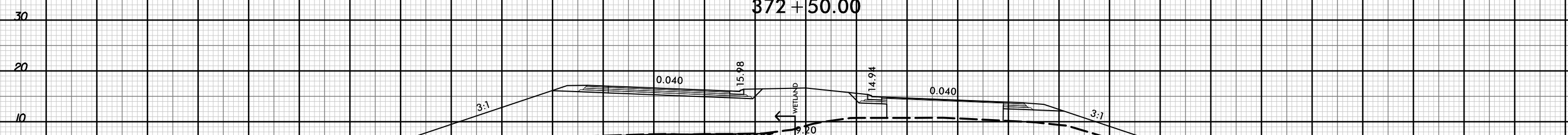
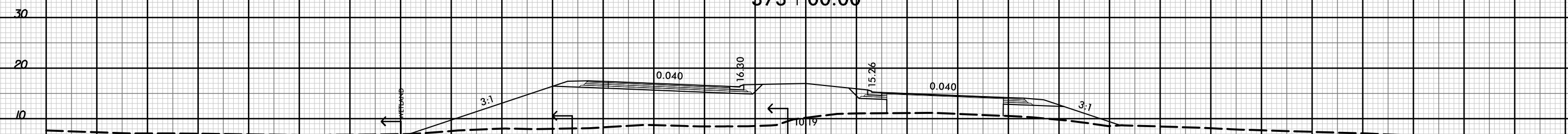
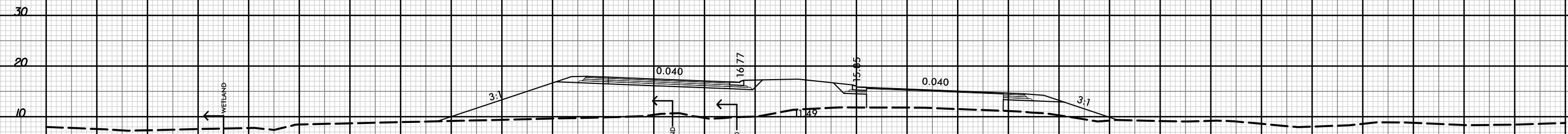
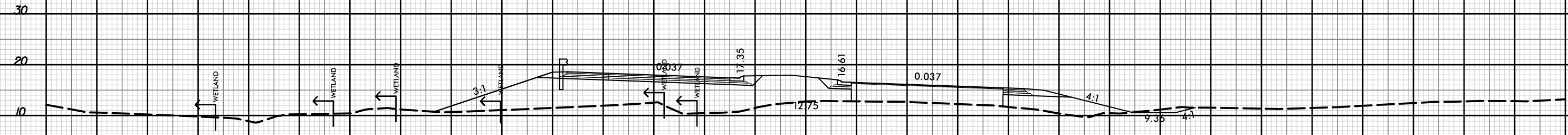


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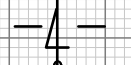
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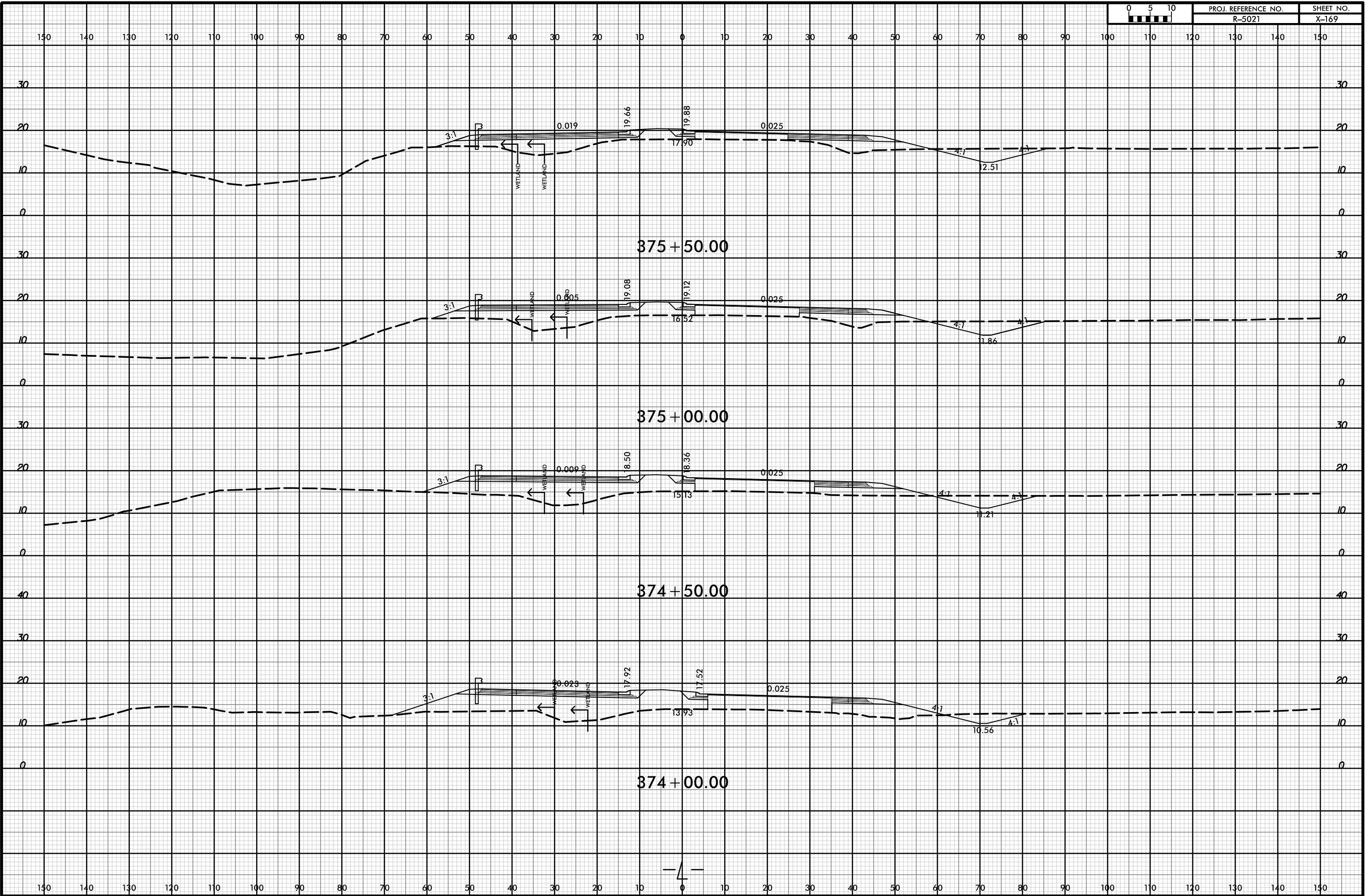


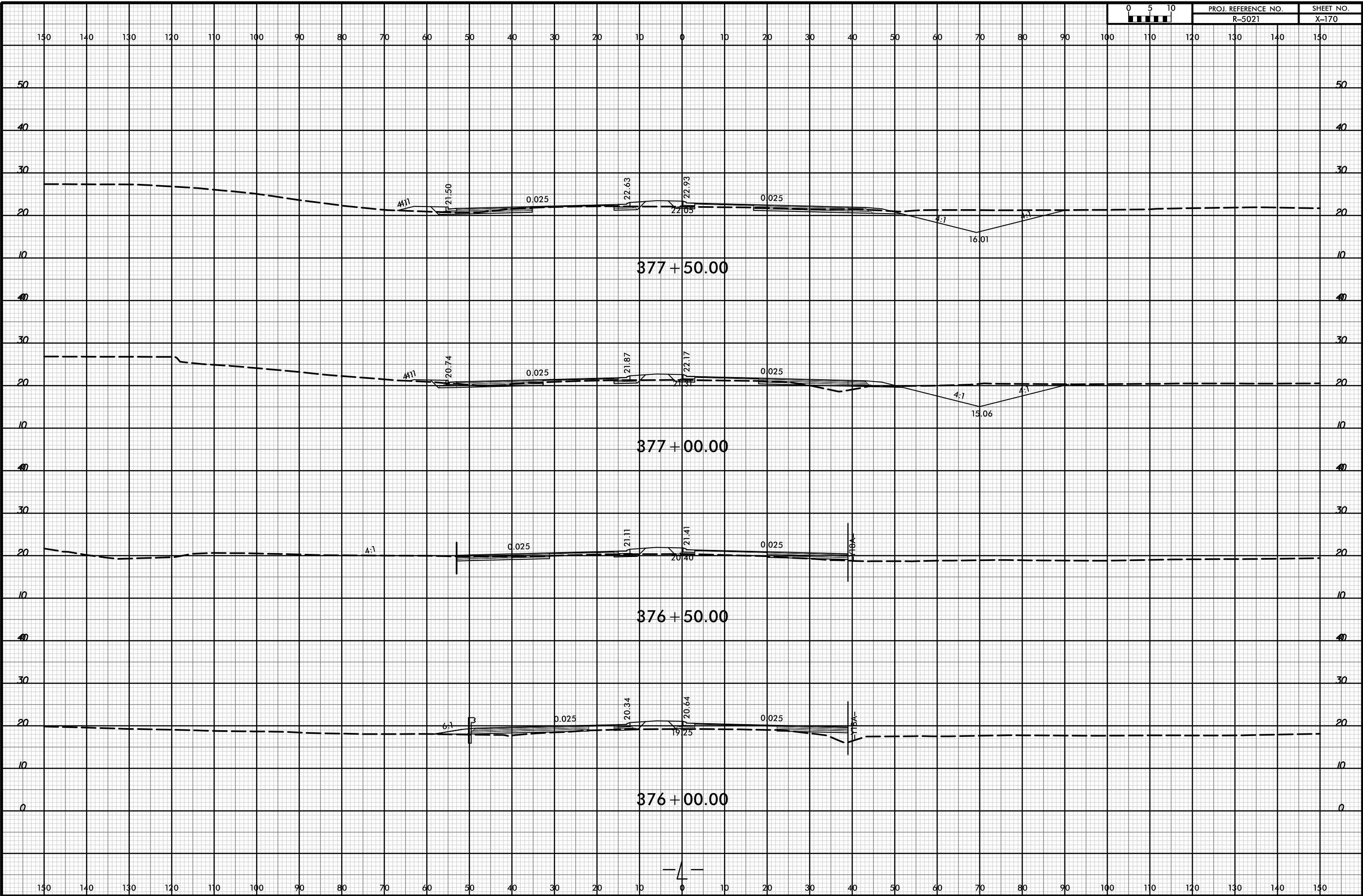
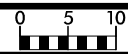
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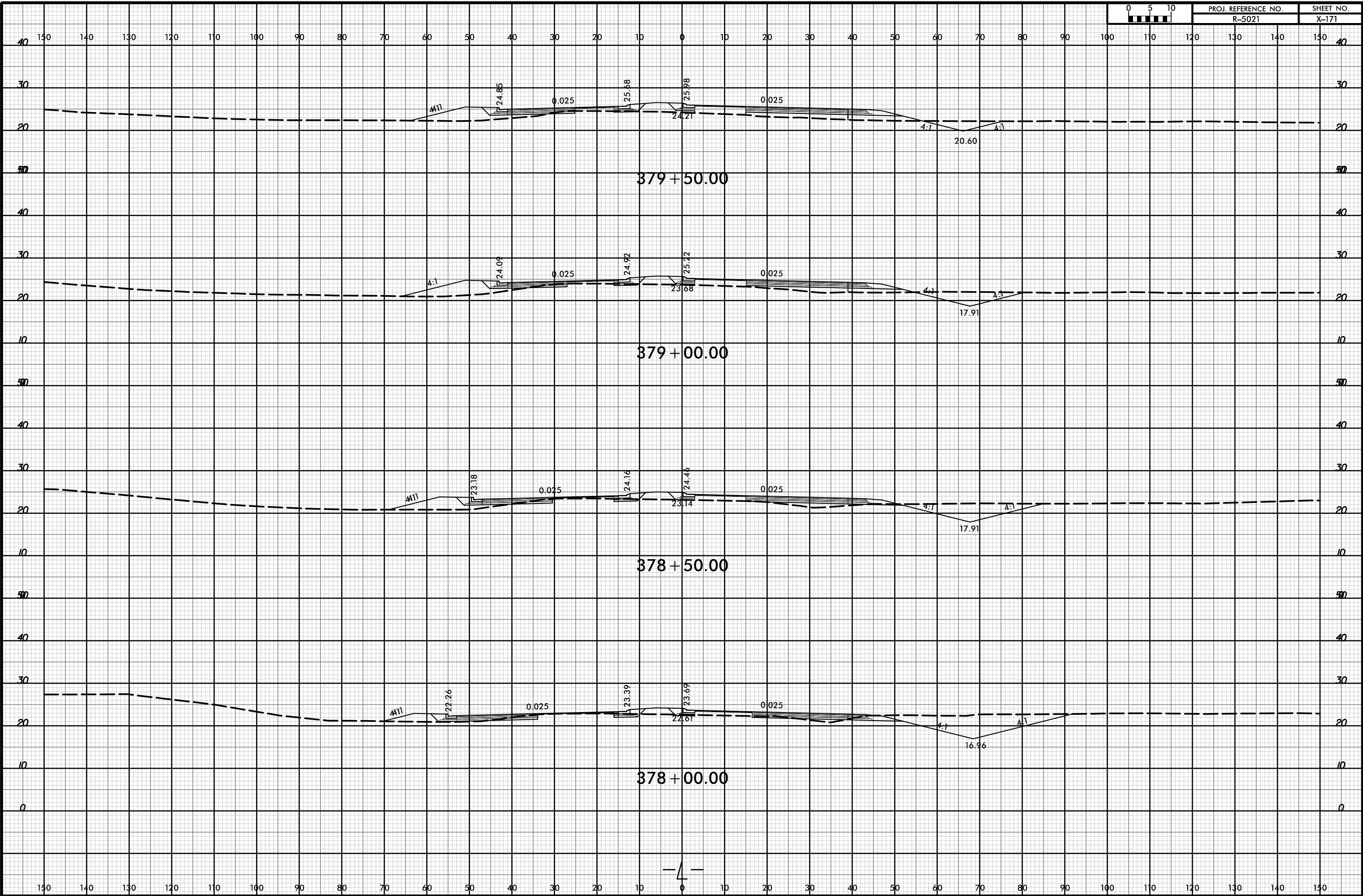


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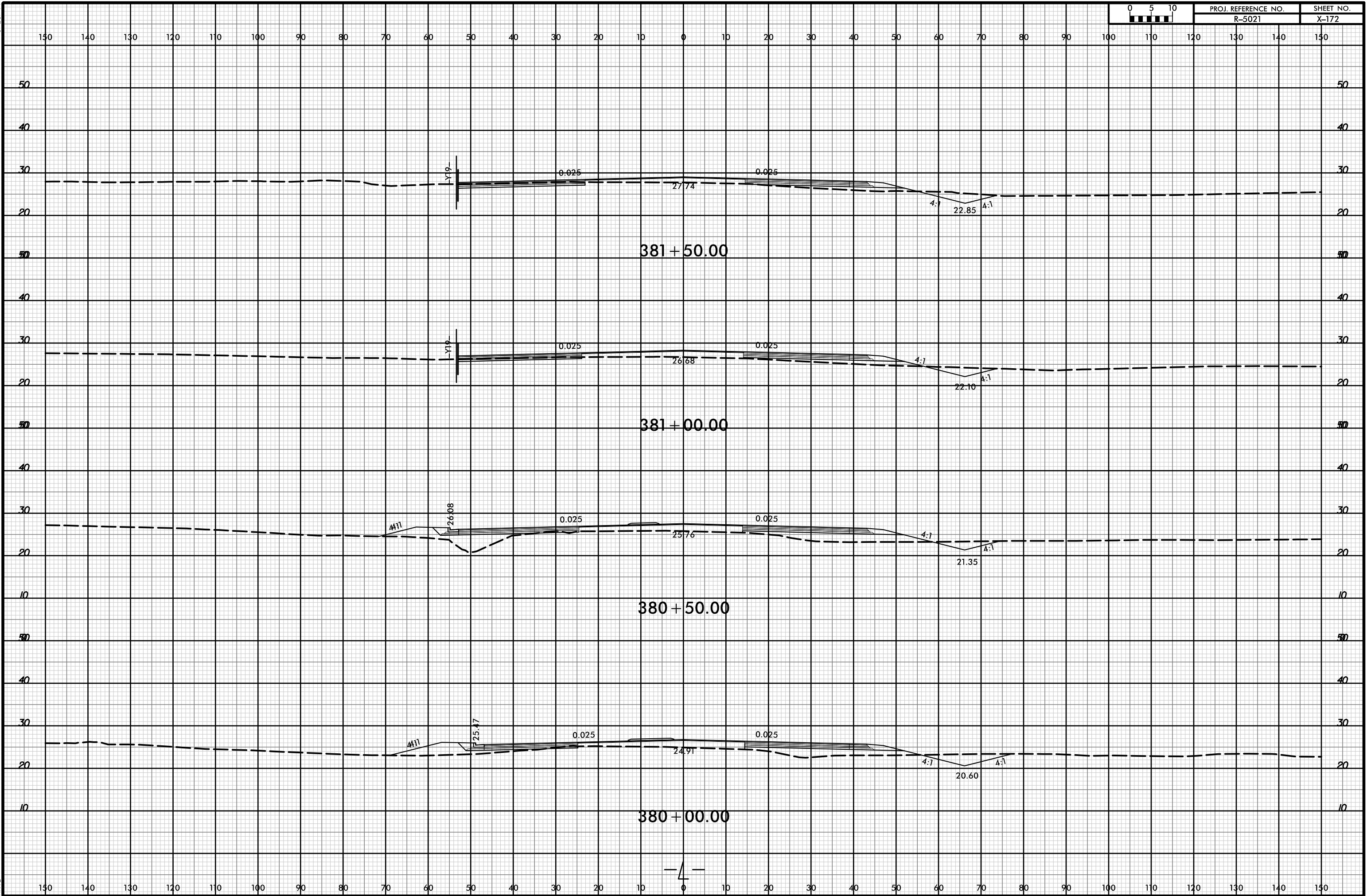








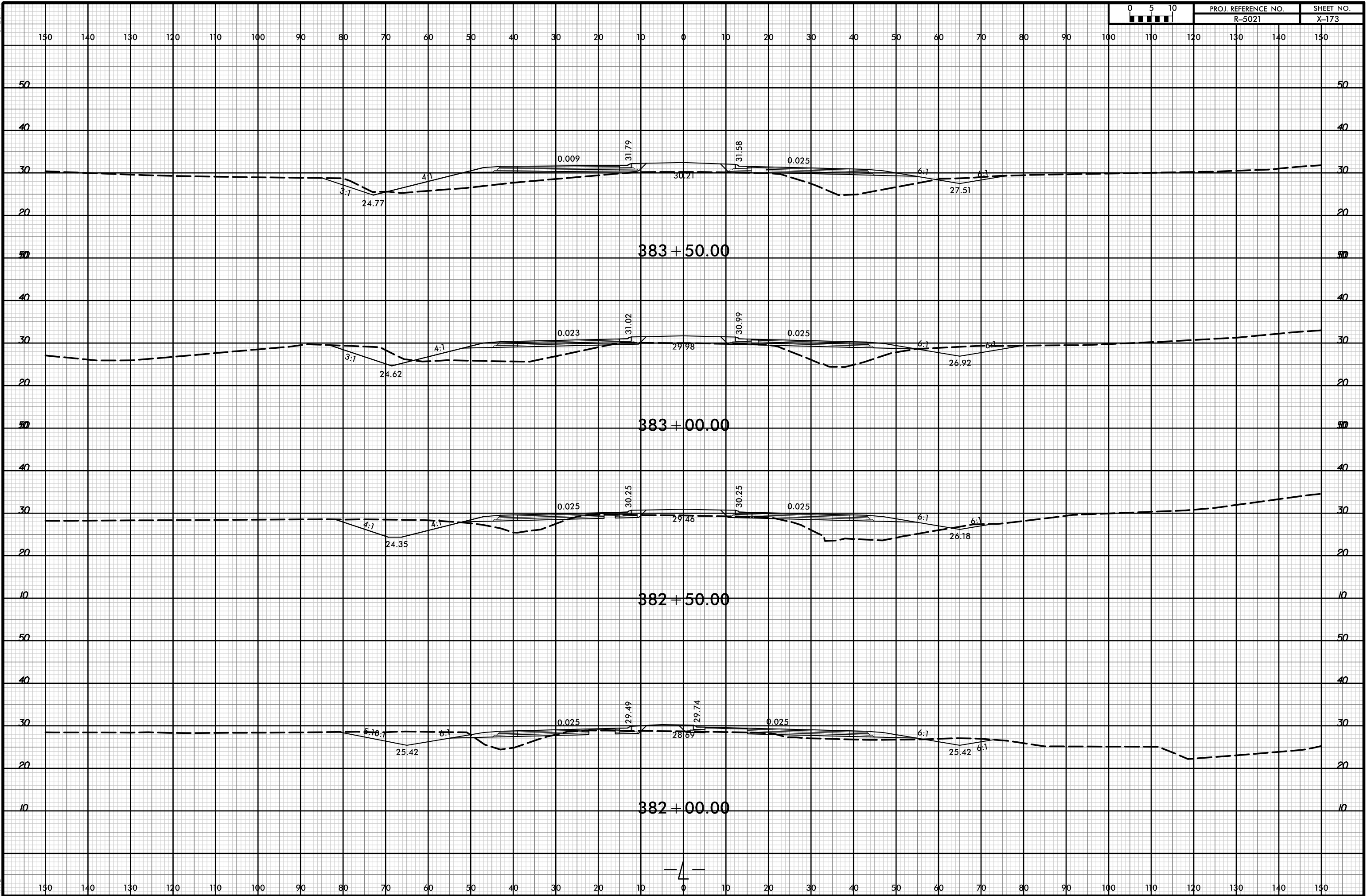




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PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-173



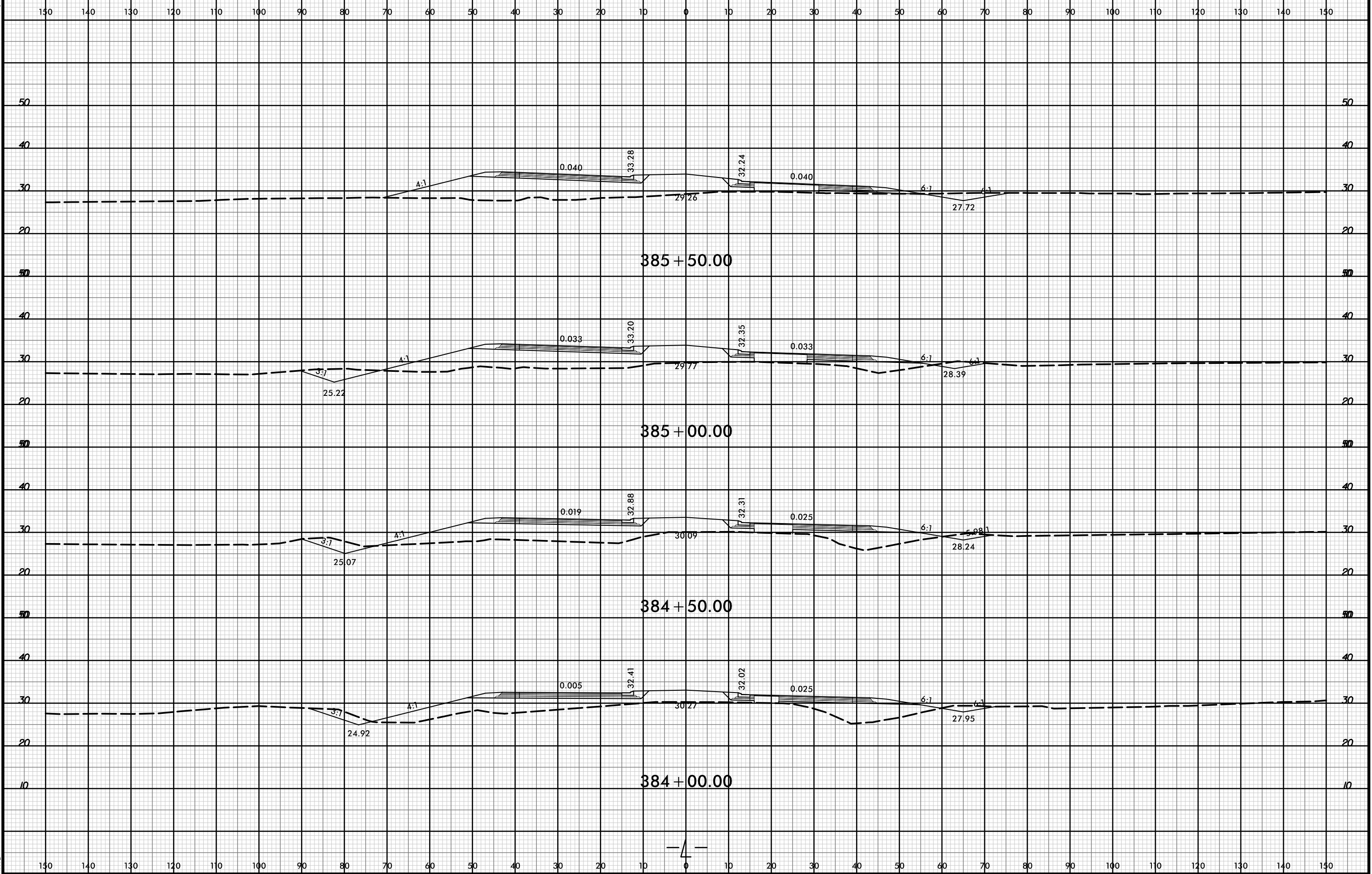
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PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-174



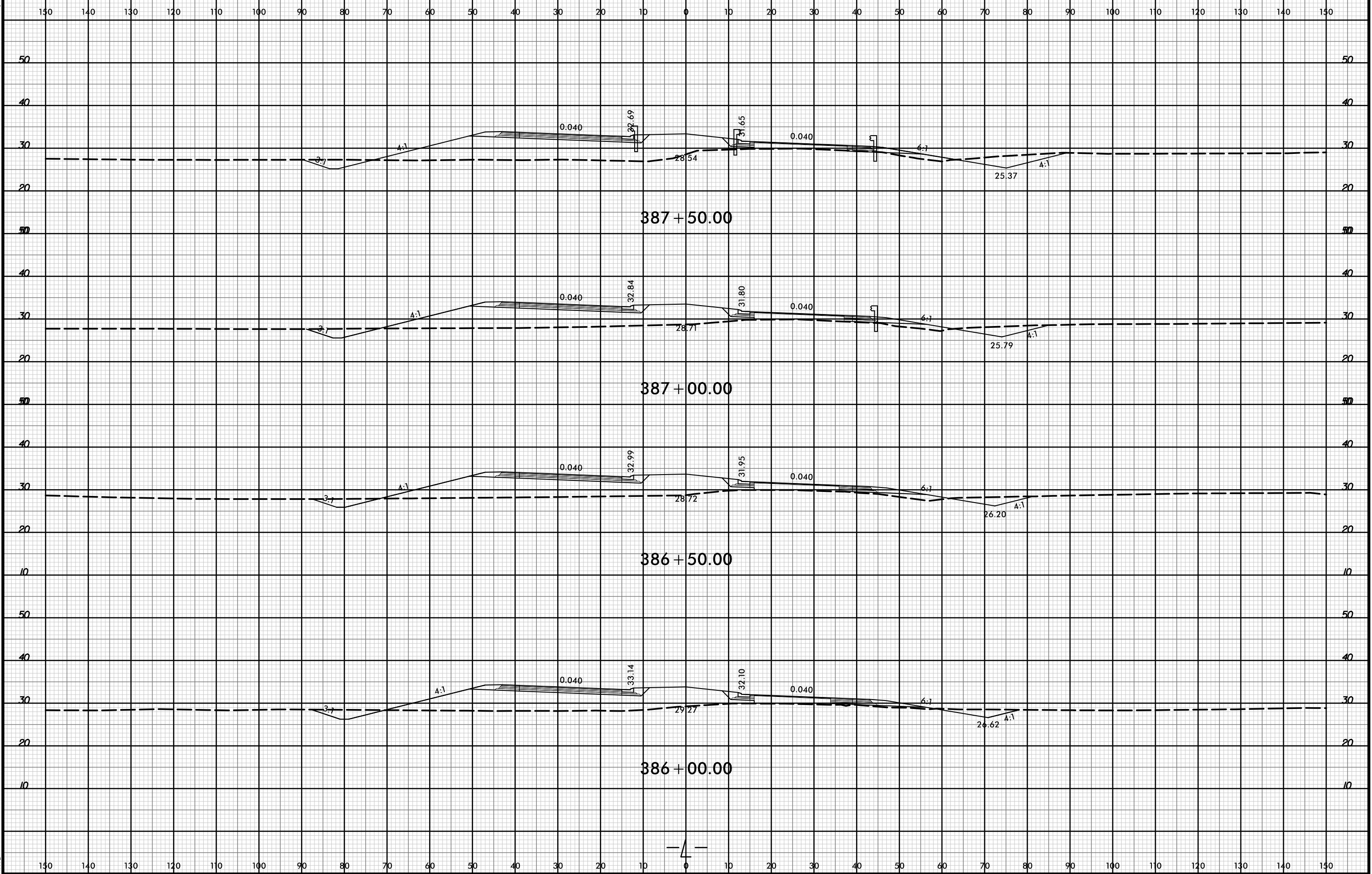
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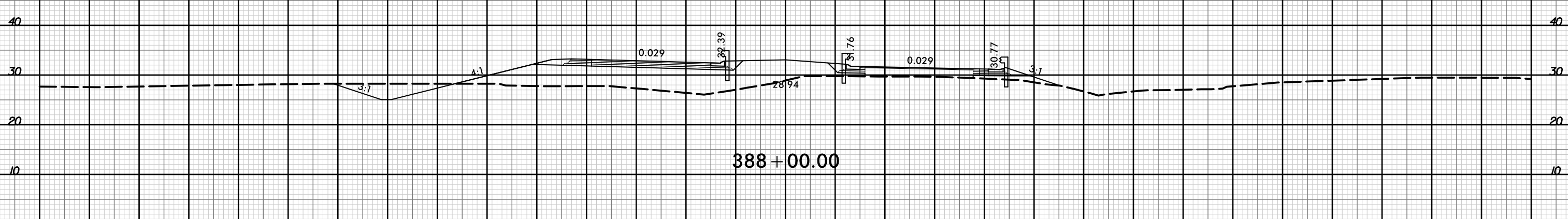
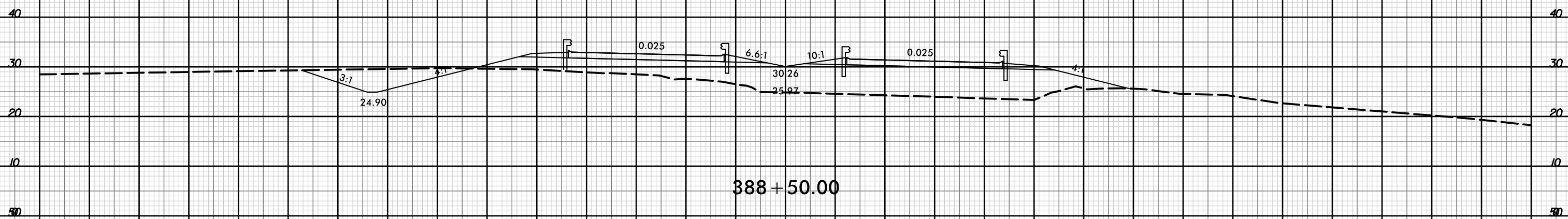
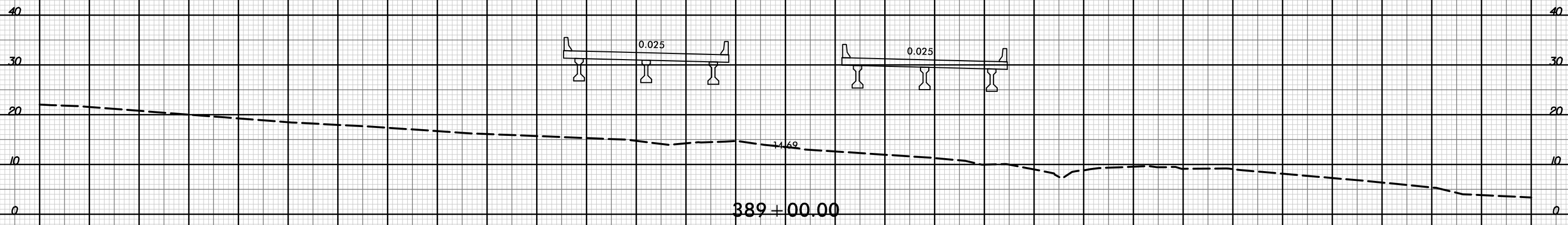


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R-5021	X-175

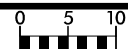


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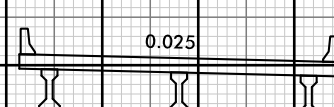
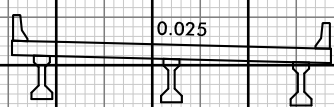
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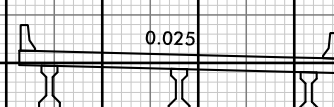
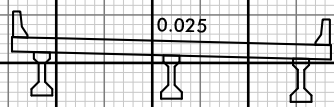
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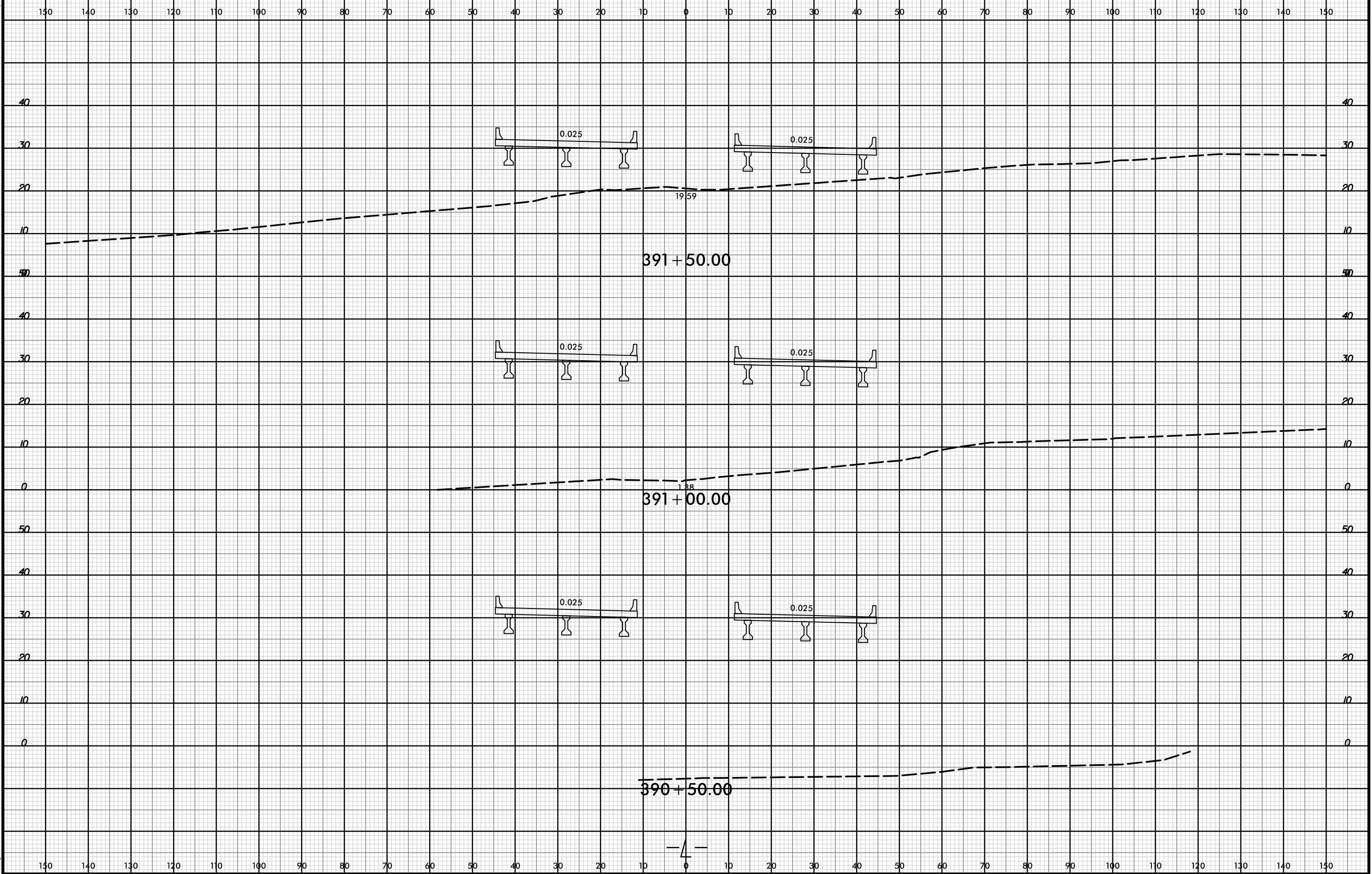
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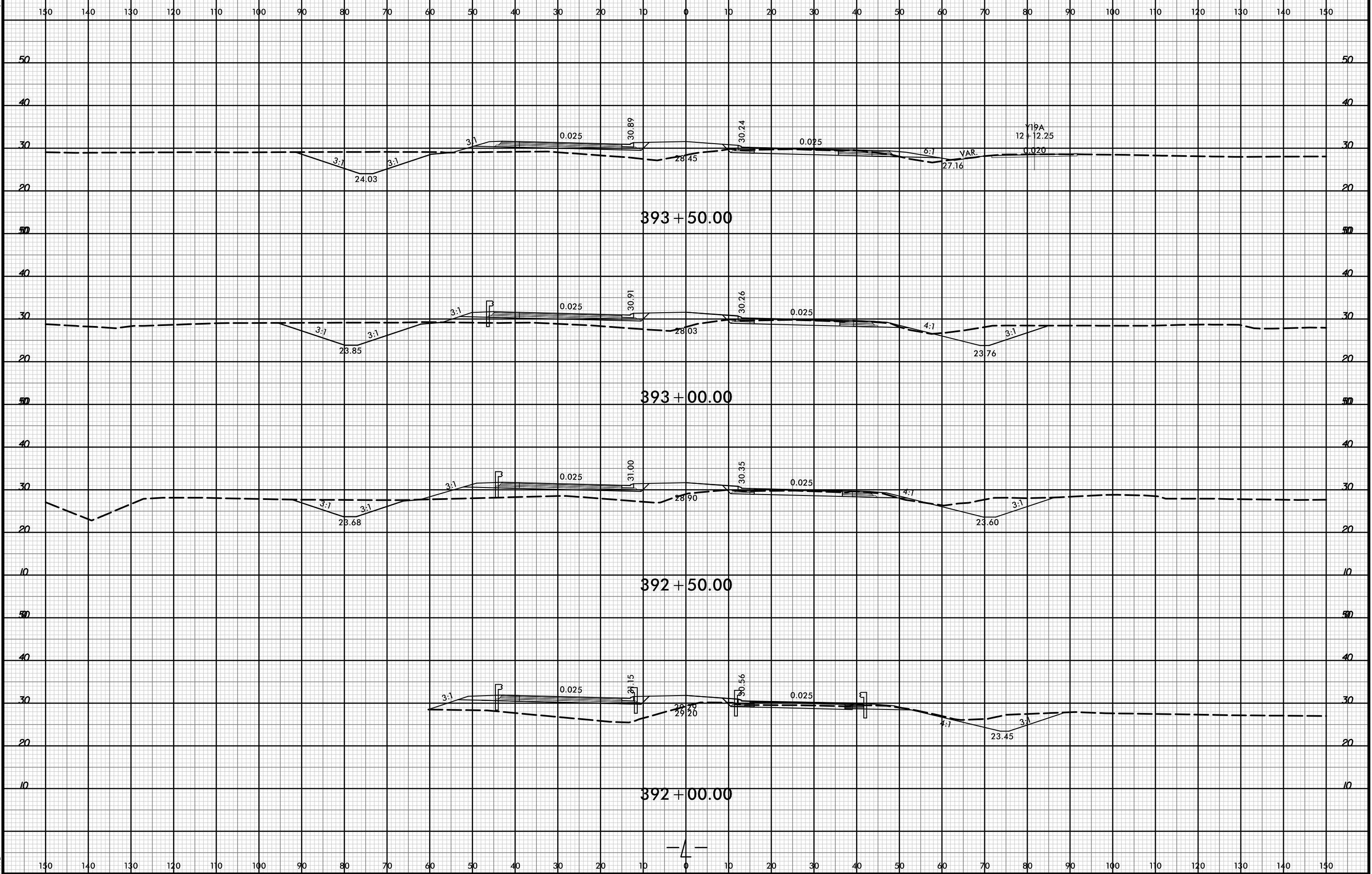
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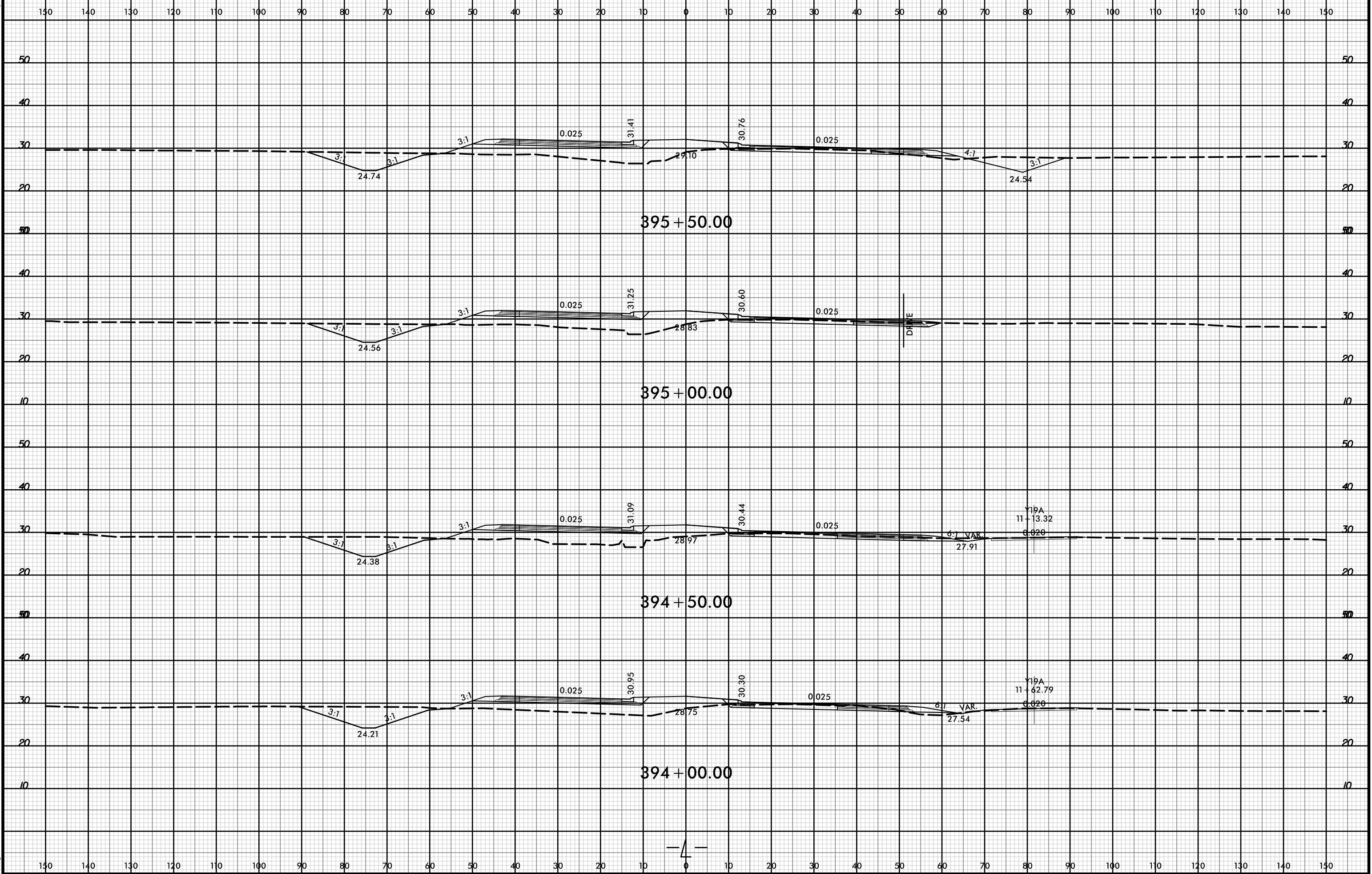
PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-179

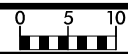


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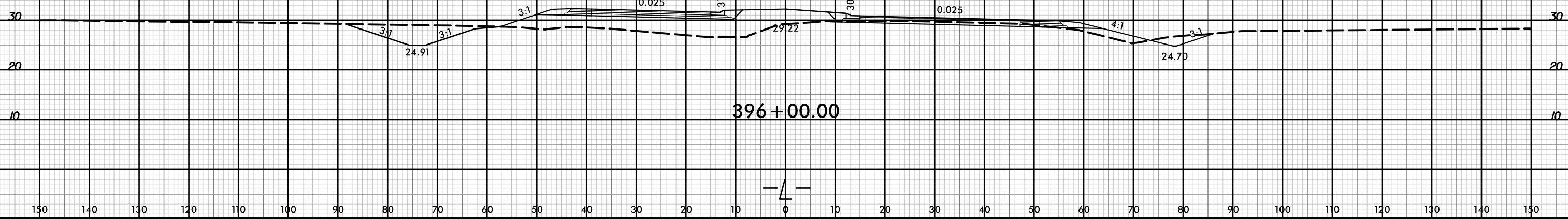
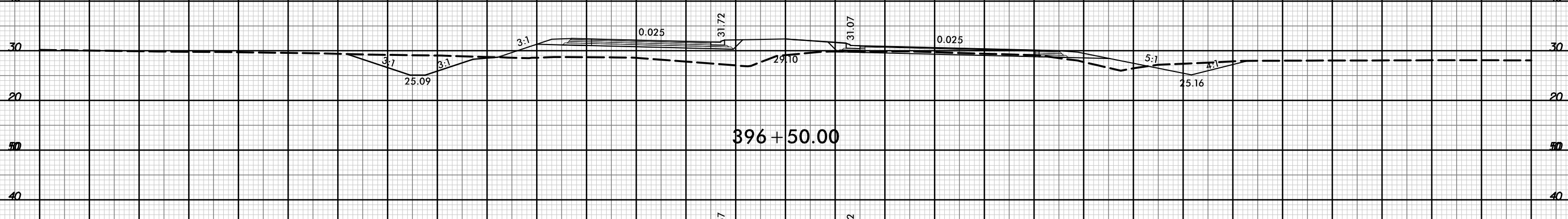
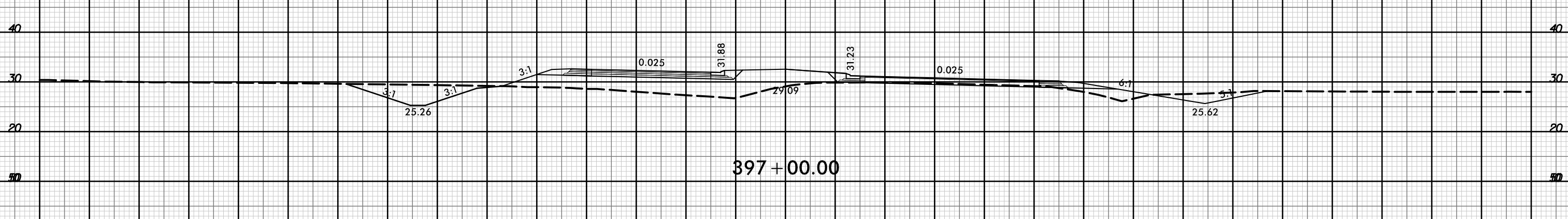
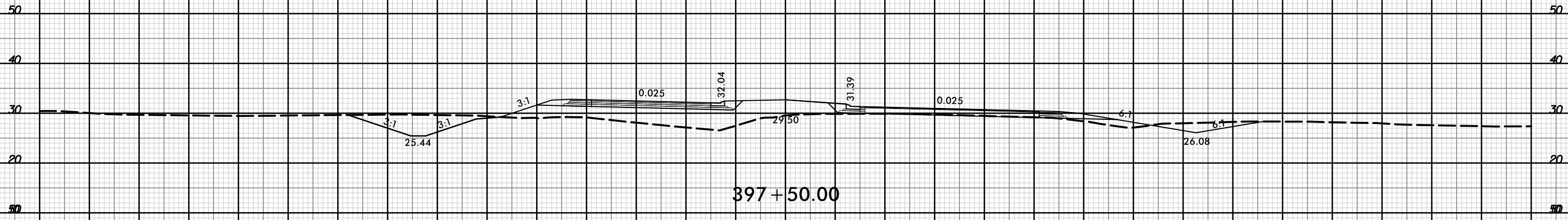
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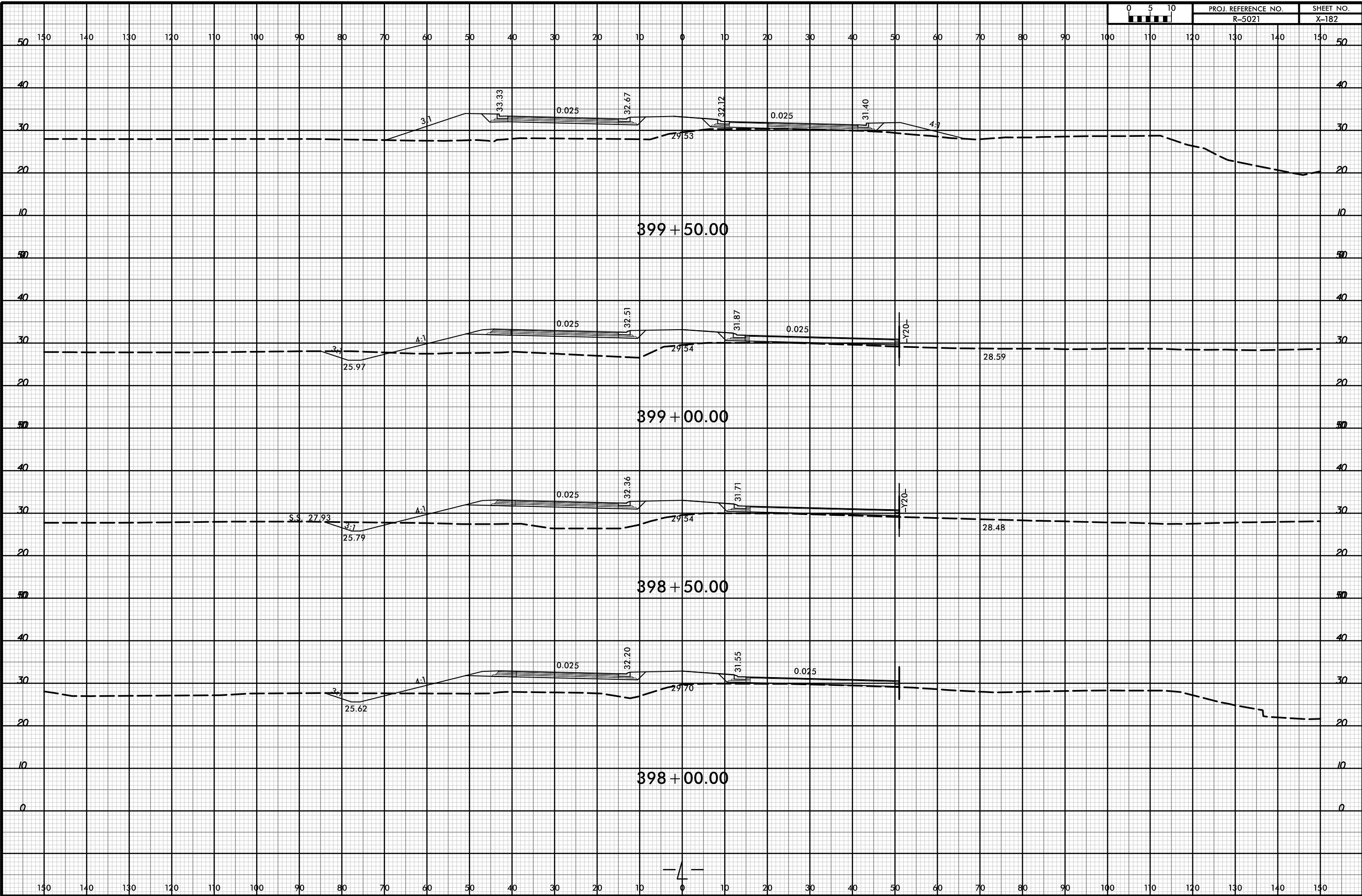


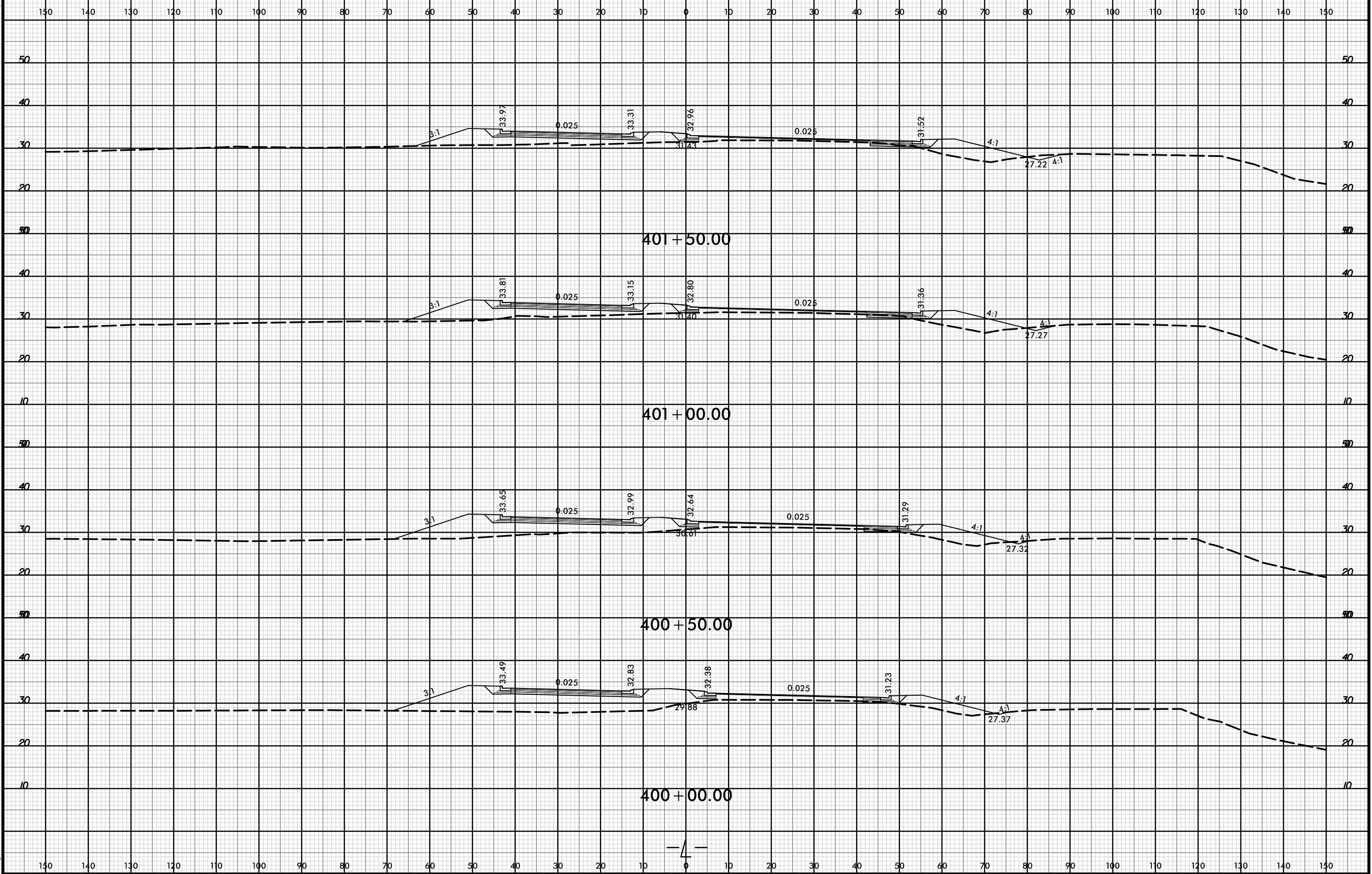


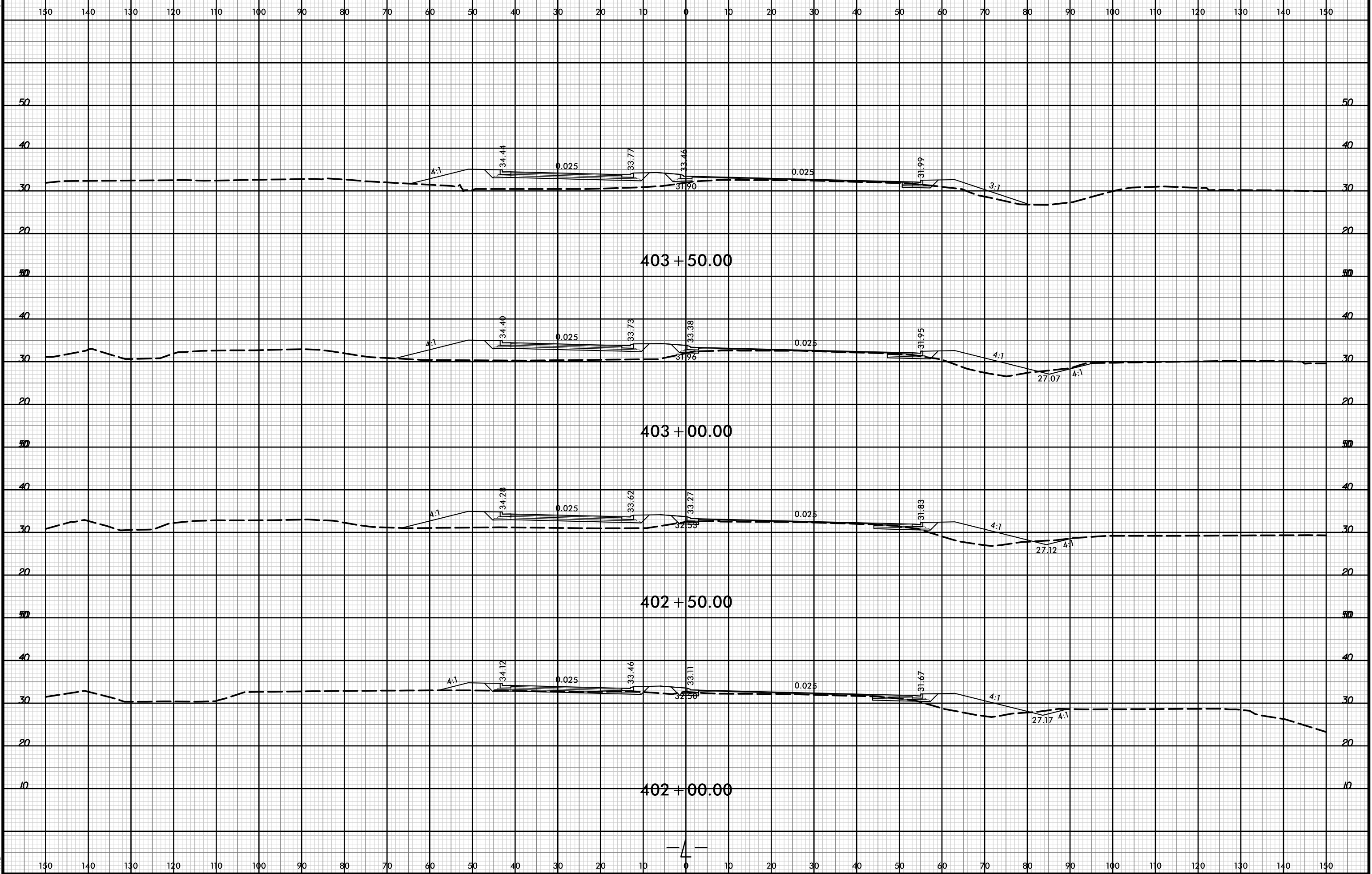


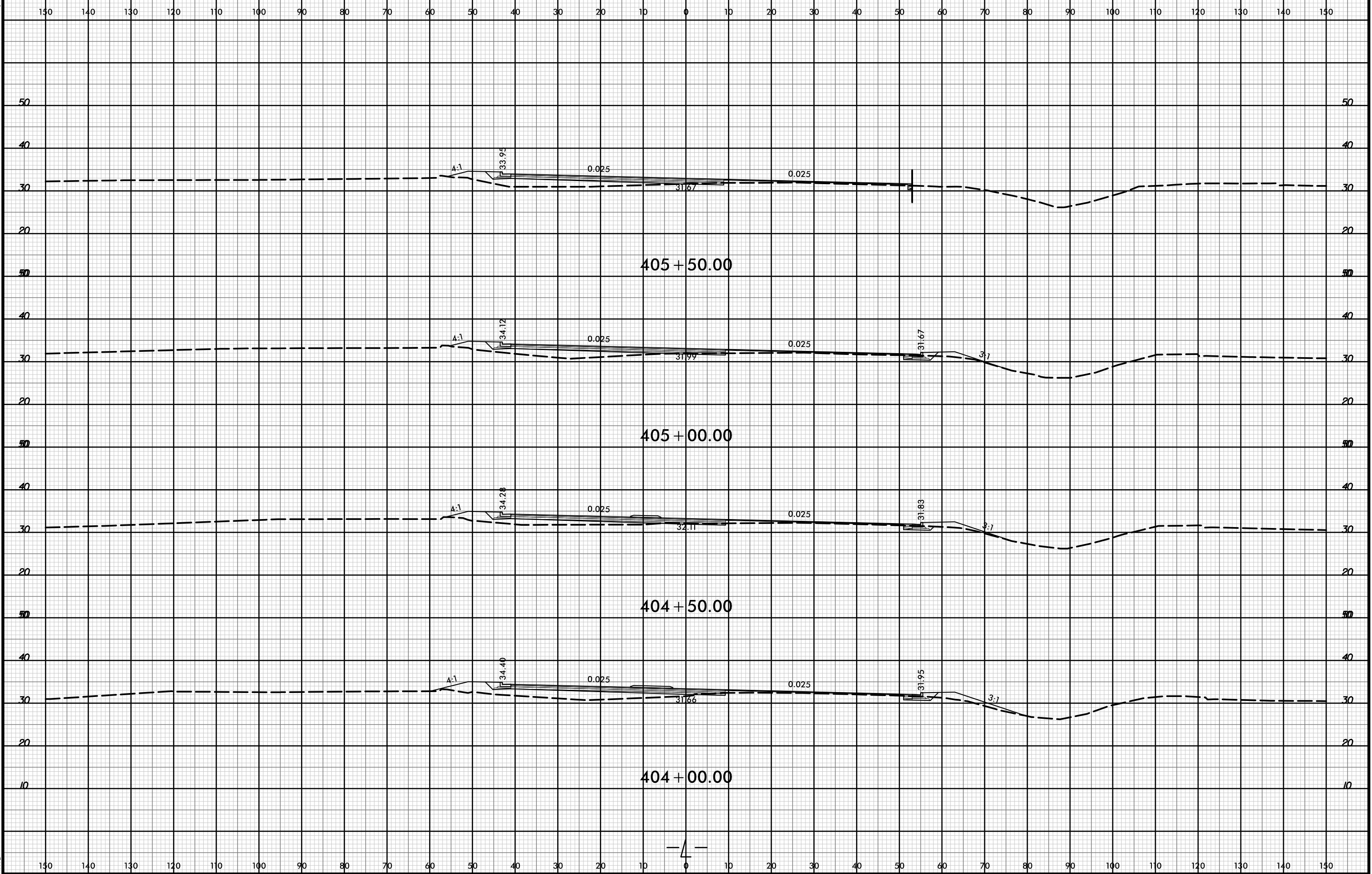
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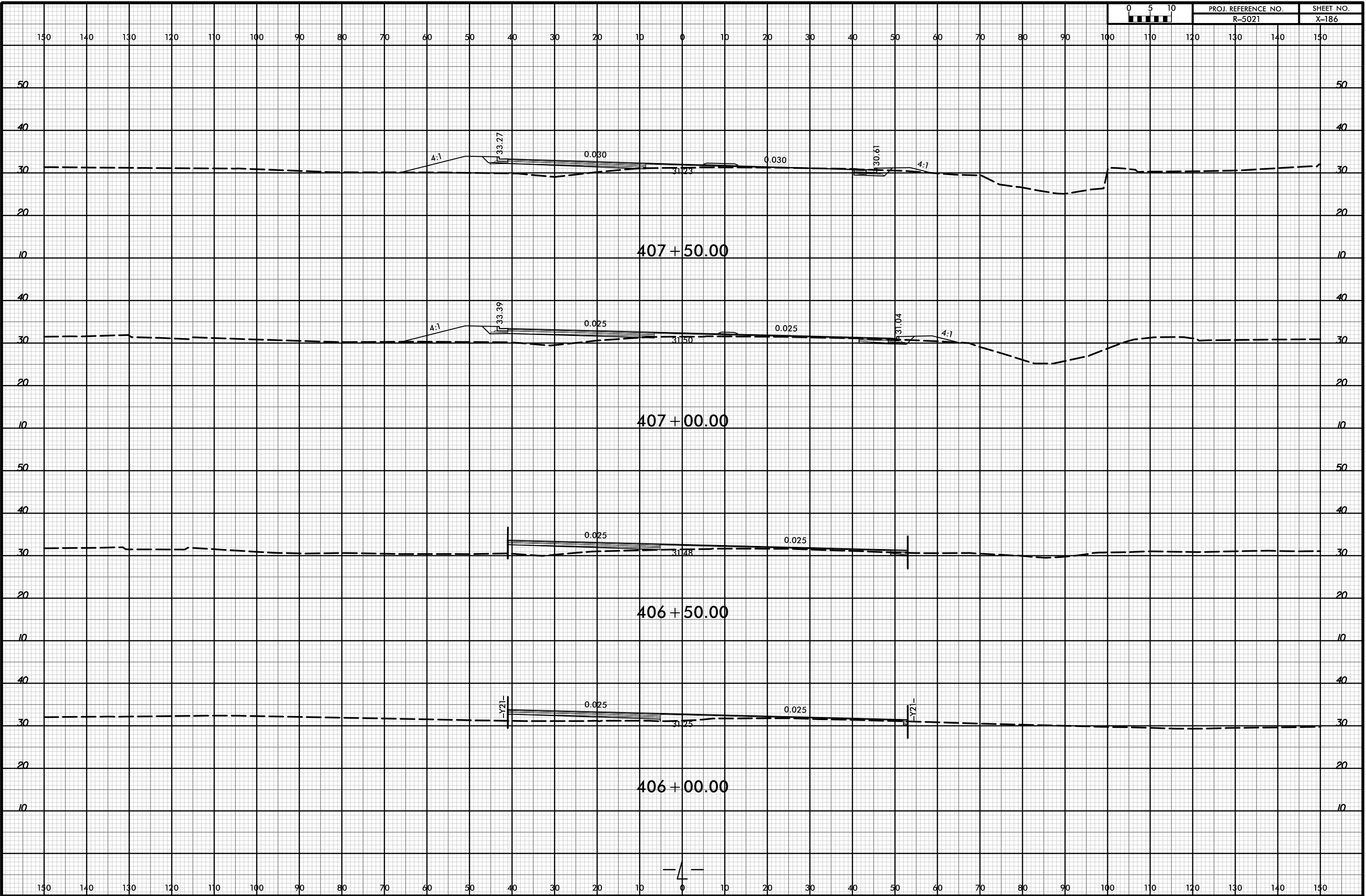


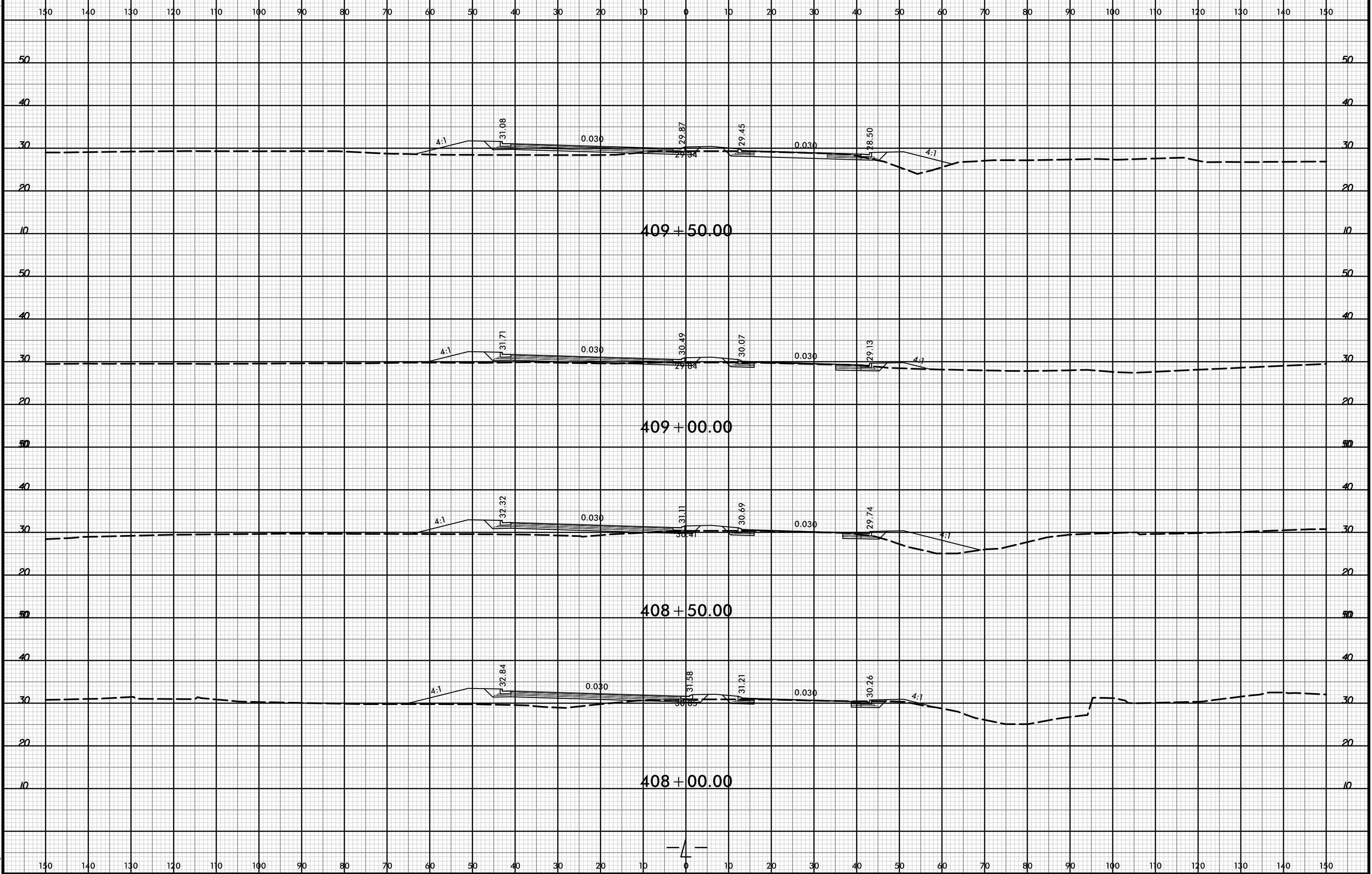




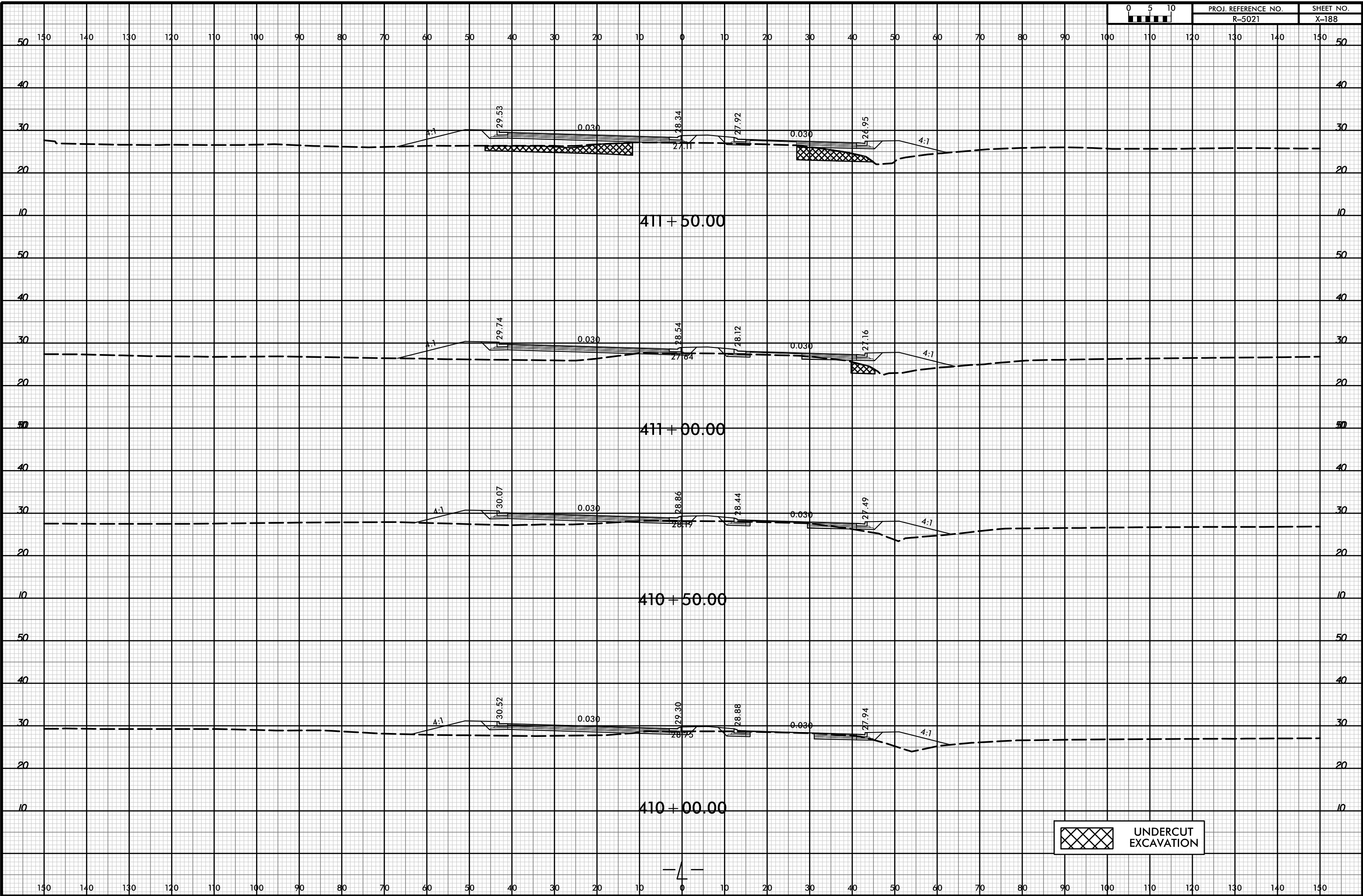


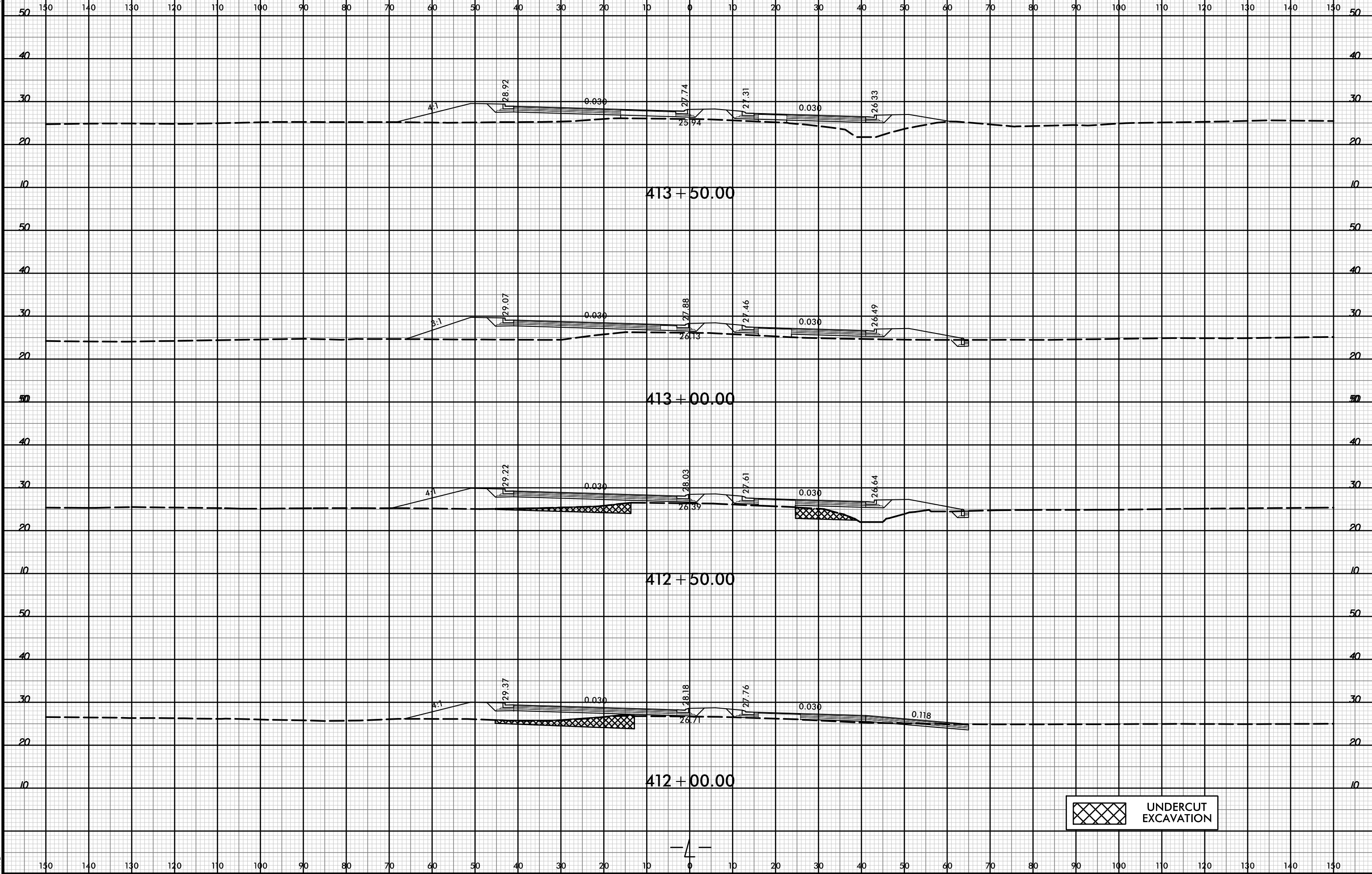






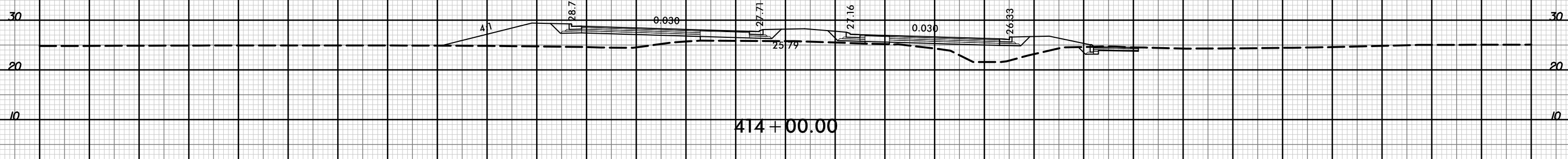
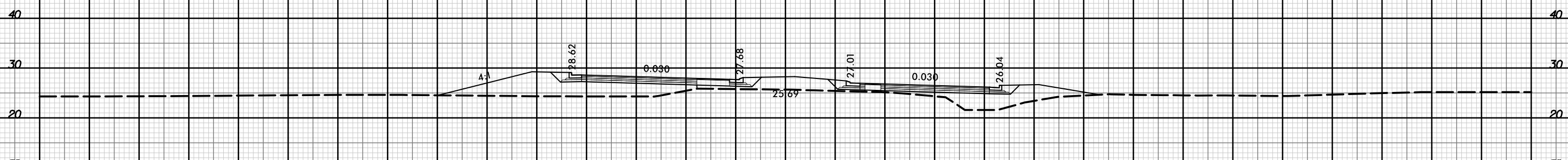
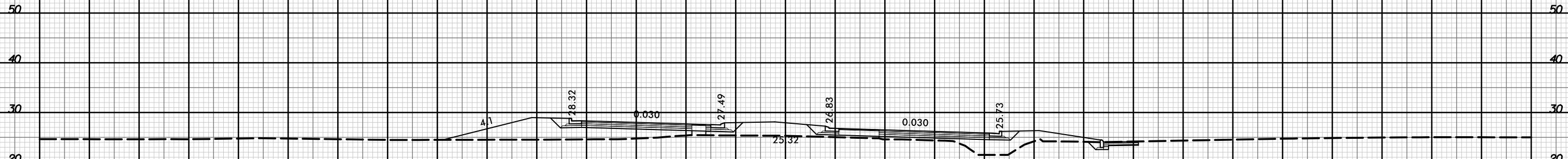






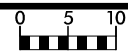
UNDERCUT EXCAVATION

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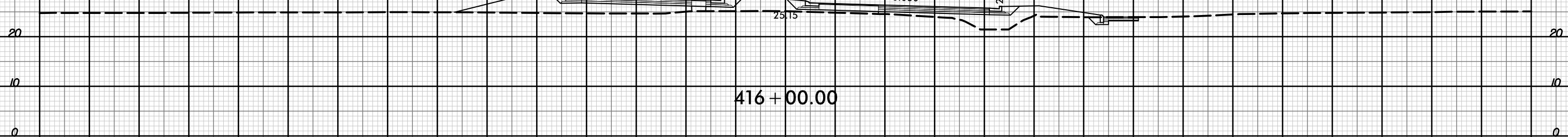
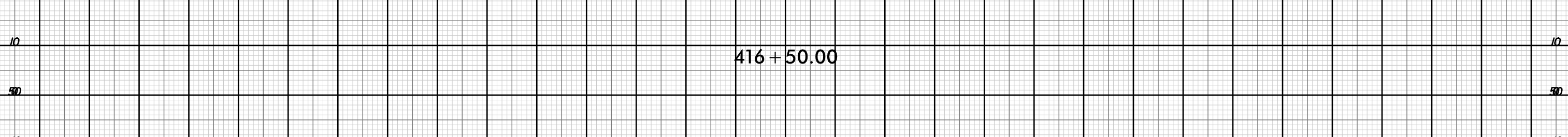
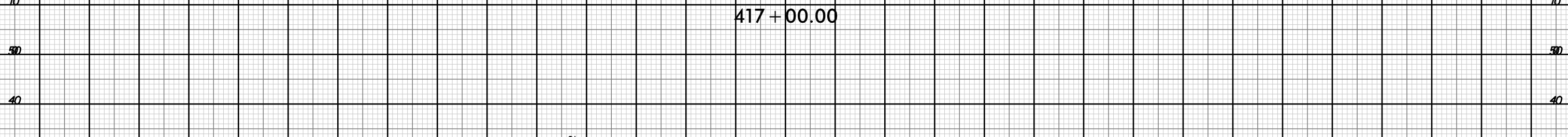
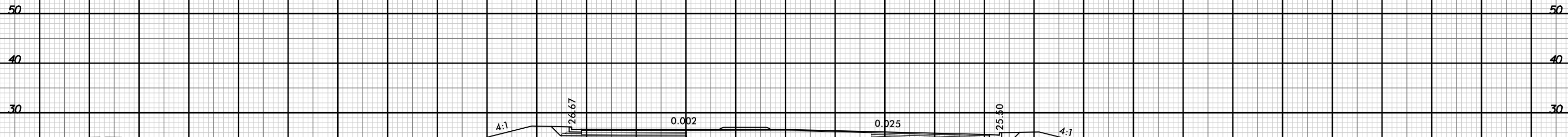
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PROJ. REFERENCE NO.  
R-5021

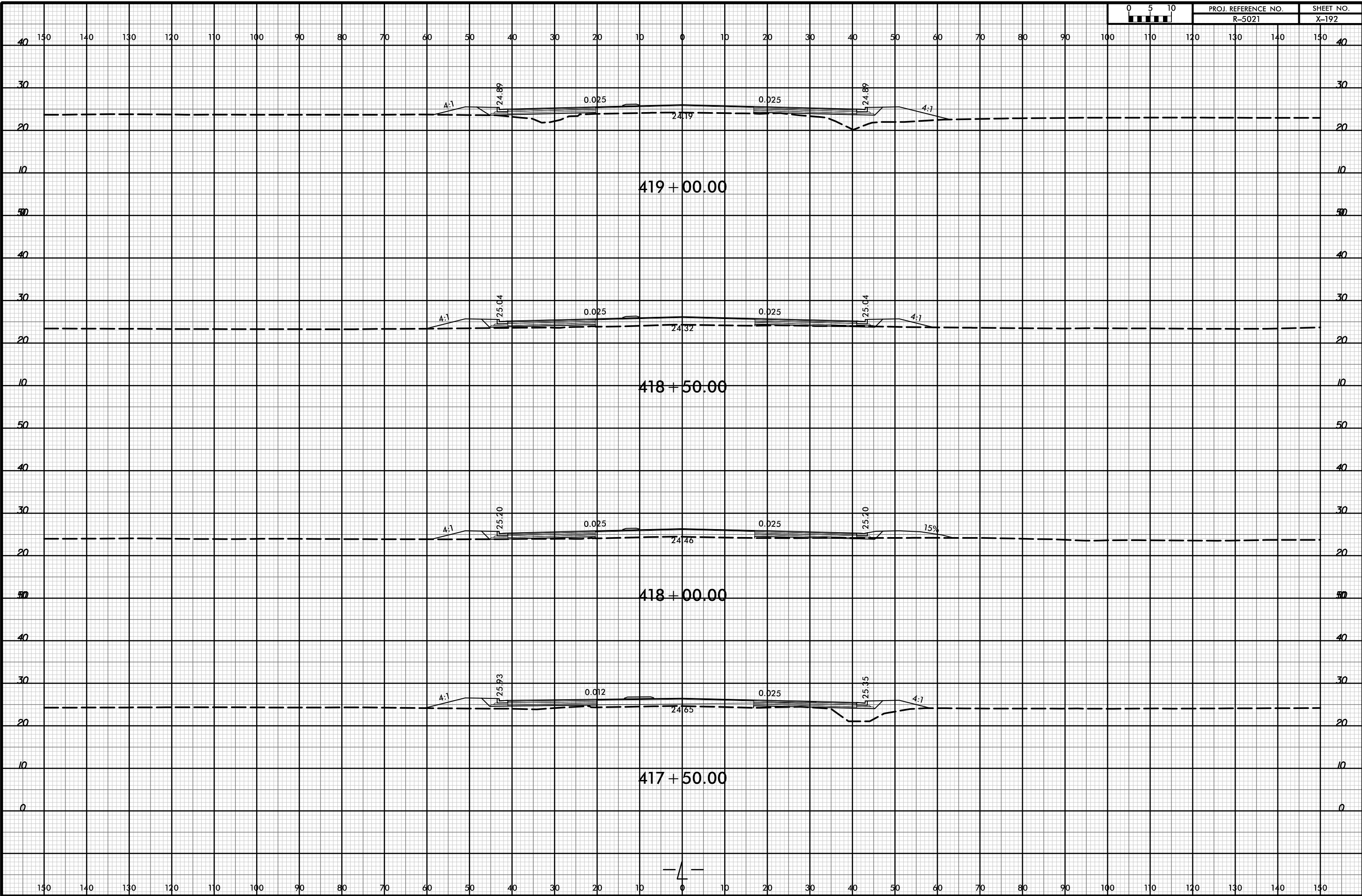
SHEET NO.  
X-191

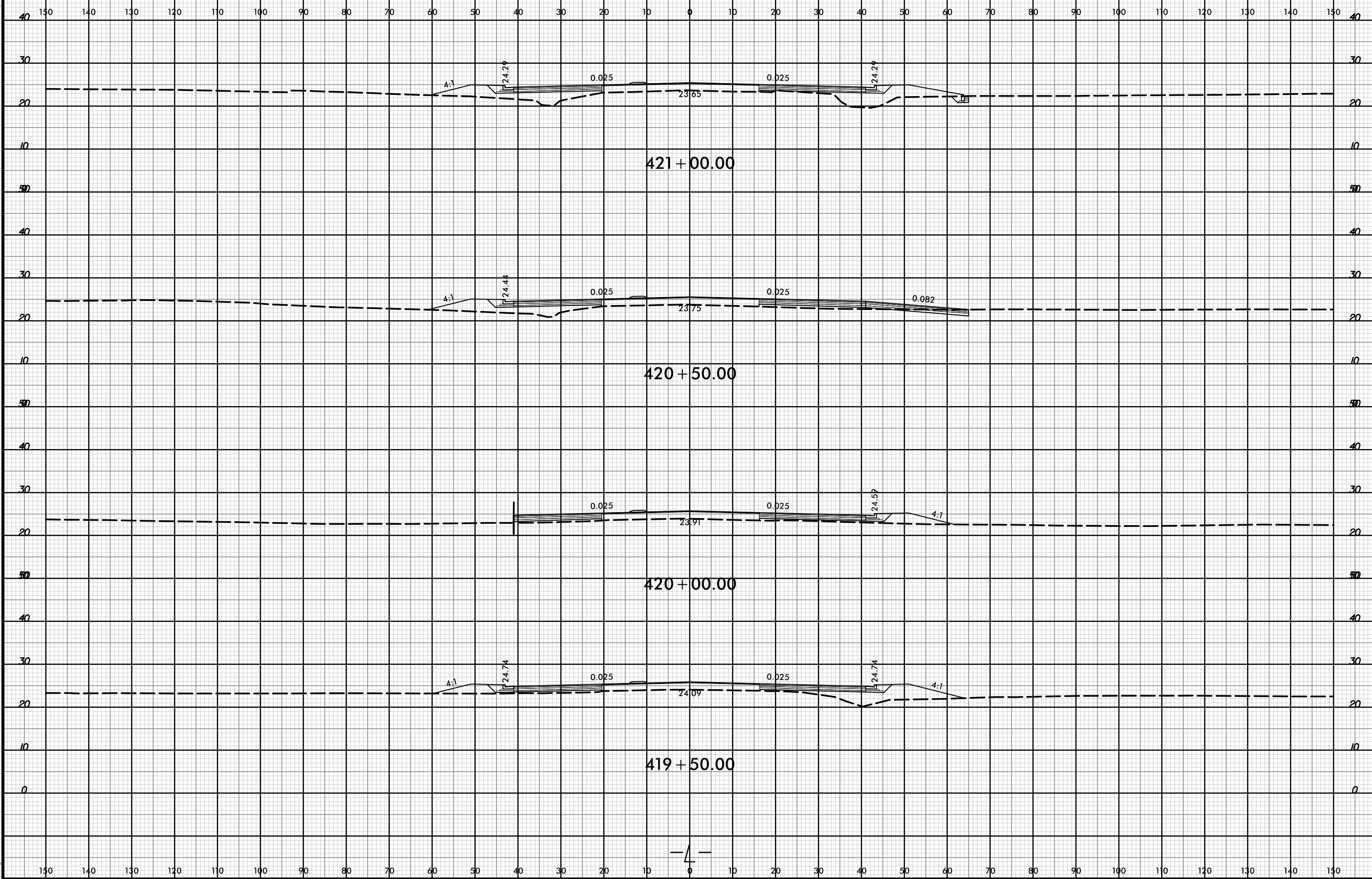
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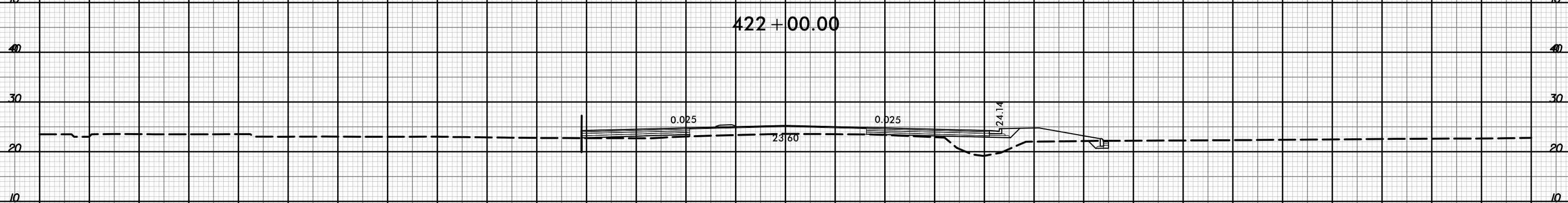
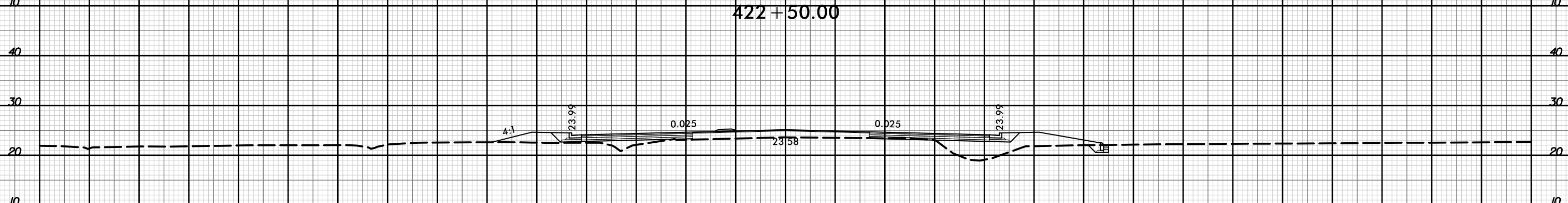
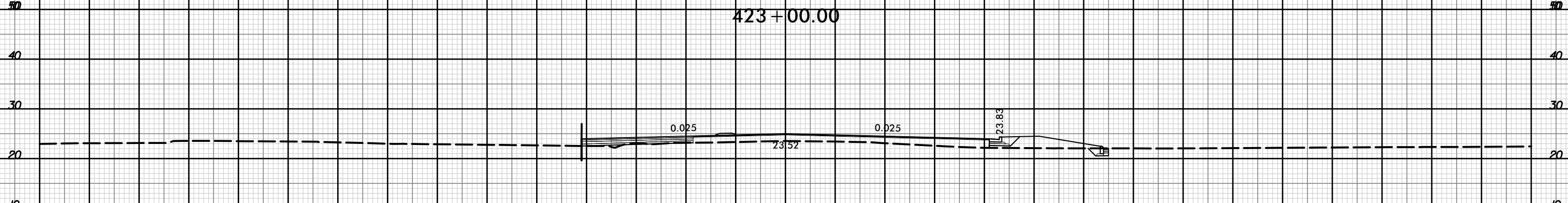
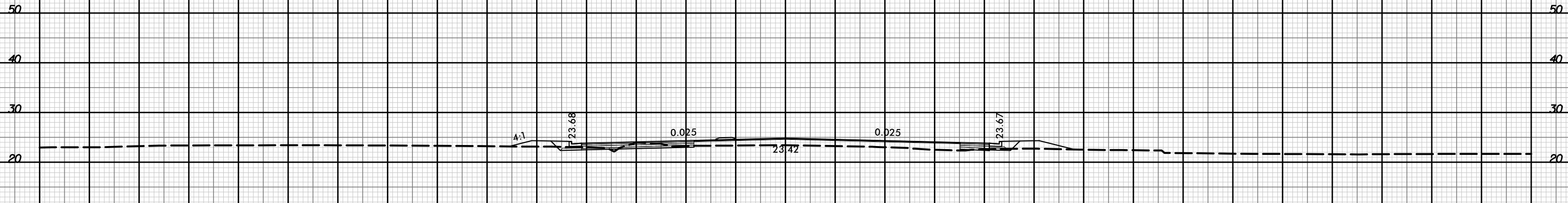
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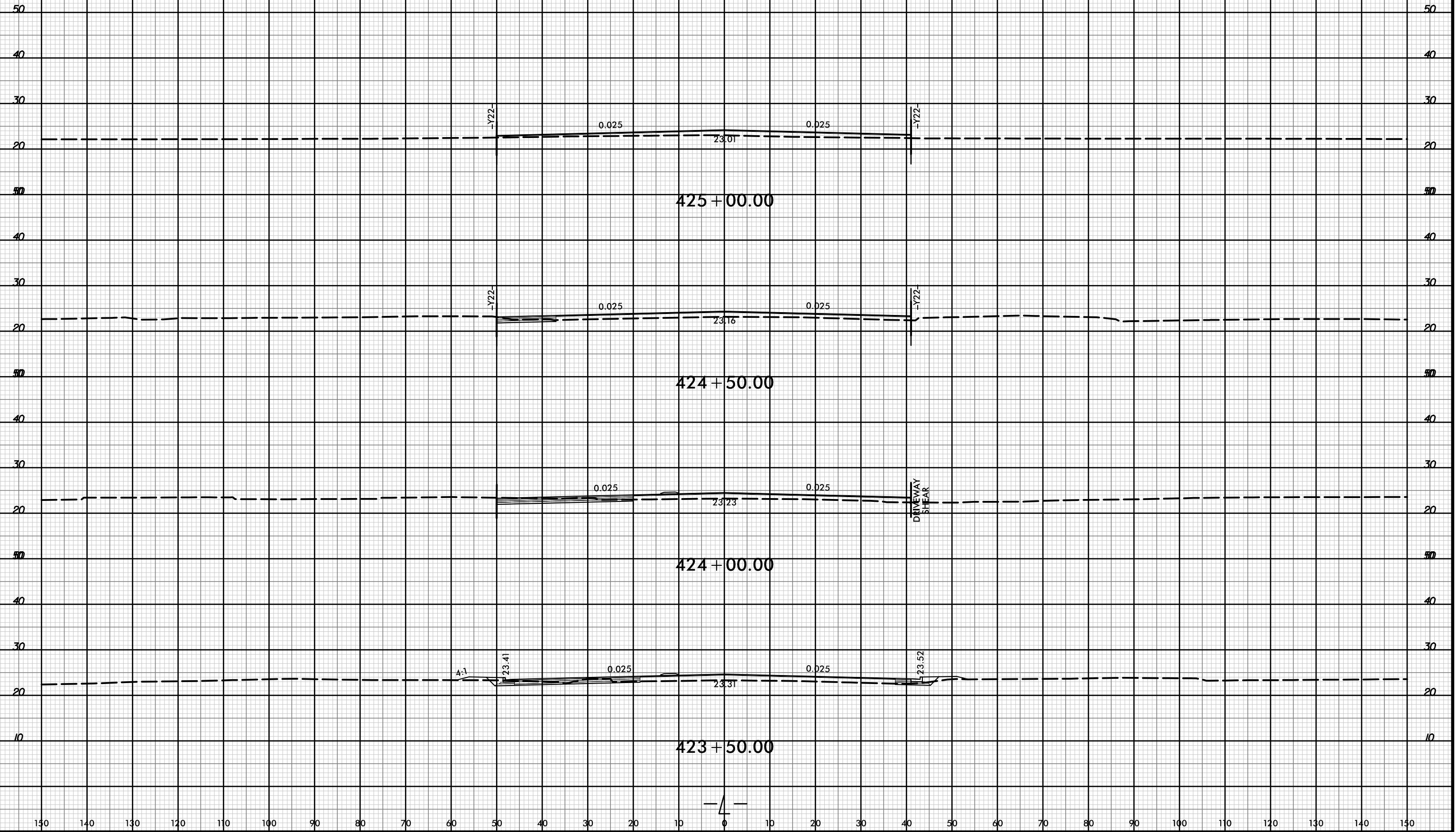
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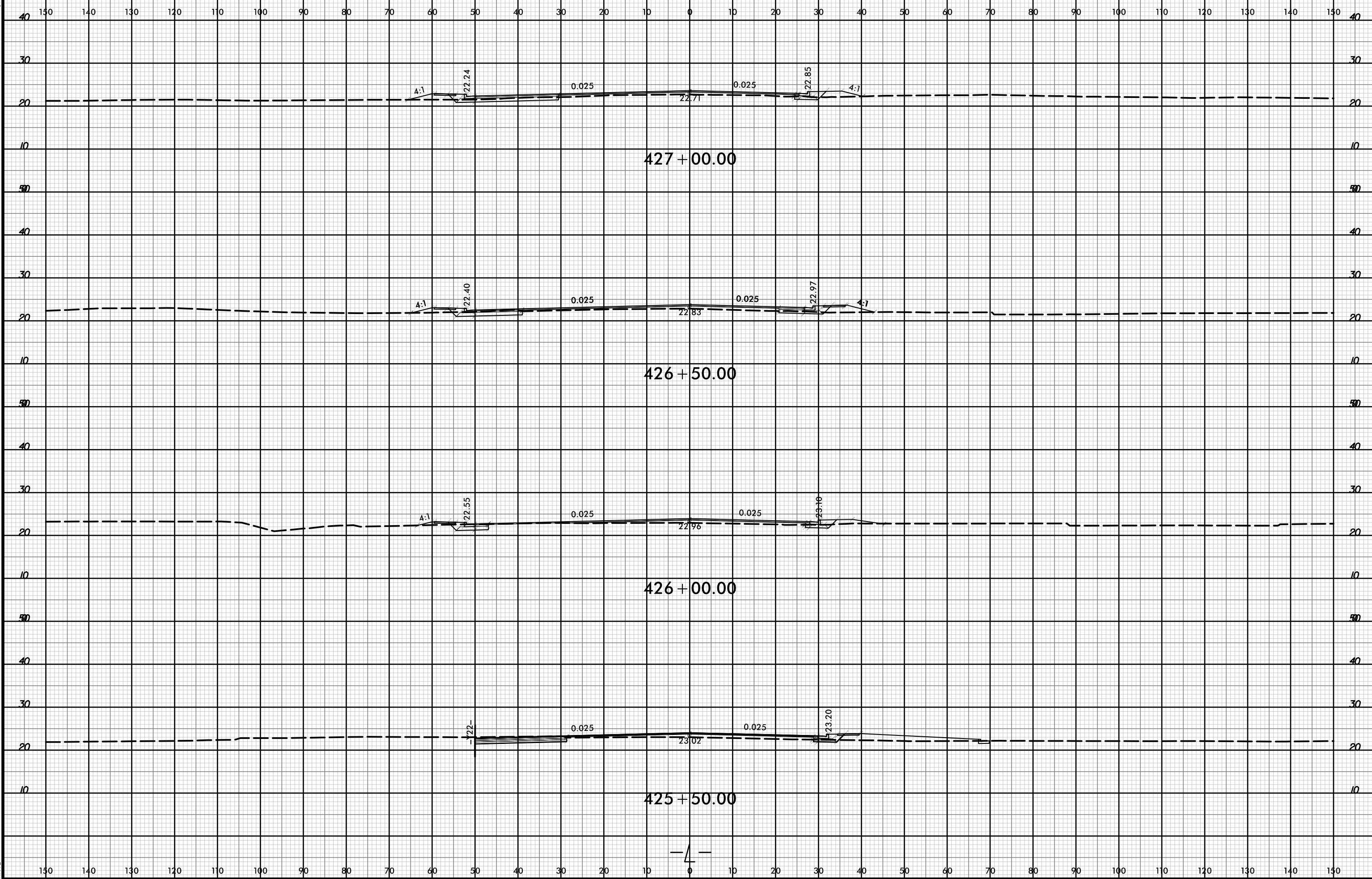
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



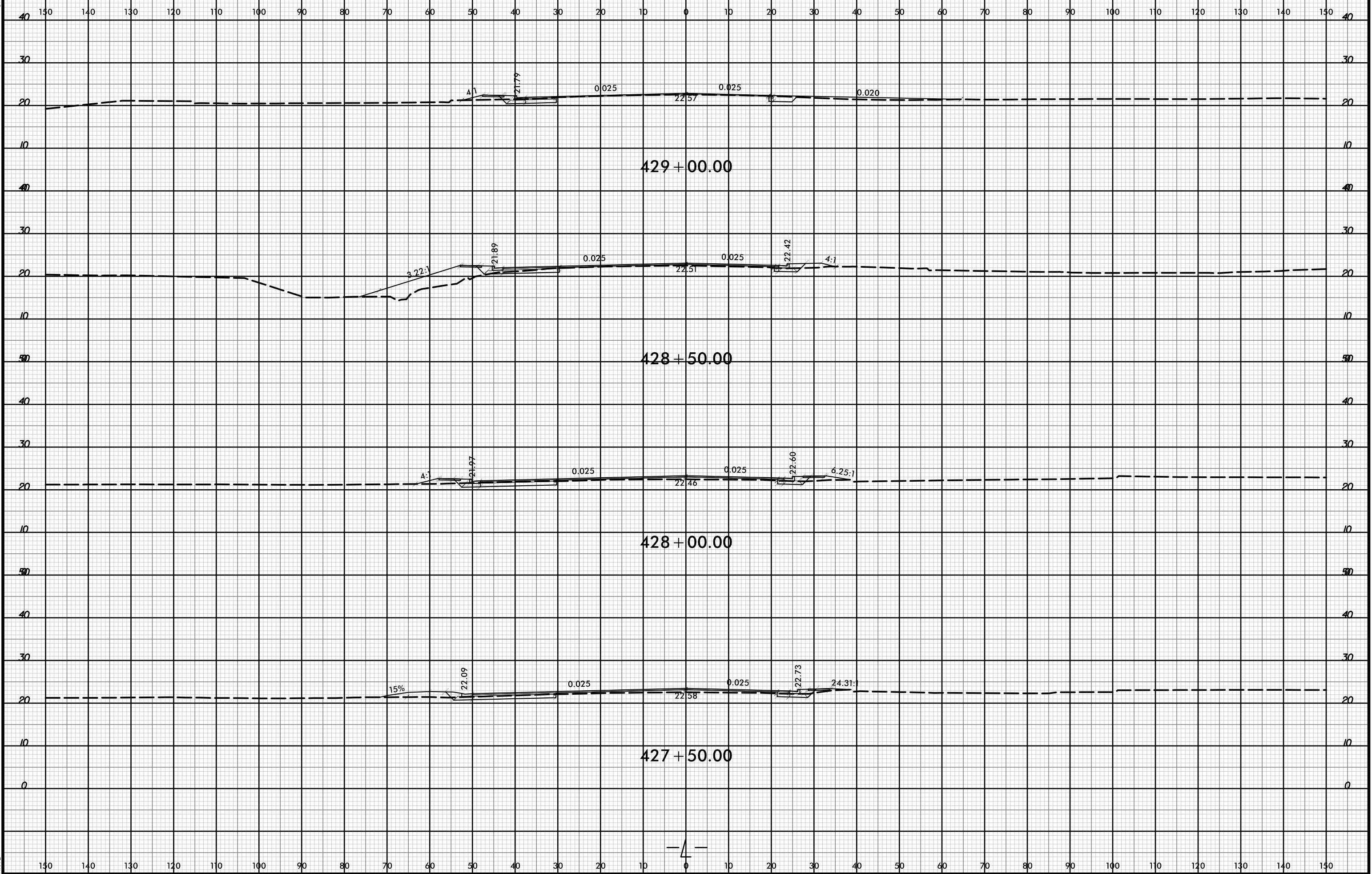




8/23/99



PROJ. REFERENCE NO. R-5021 SHEET NO. X-197



429 + 00.00

428 + 50.00

428 + 00.00

427 + 50.00



21-Jul-2021 10:36  
\\P04dwej\XSCA\5021-rdy-xpl-L.dgn  
HTB



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

50 50

40 40

30 30

20 20

10 10

50 50

40 40

30 30

20 20

10 10

50 50

40 40

30 30

20 20

10 10

0 0

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

430 + 50.00

430 + 00.00

429 + 50.00



22.77

0.020

22.69

0.020

4:1

22.69

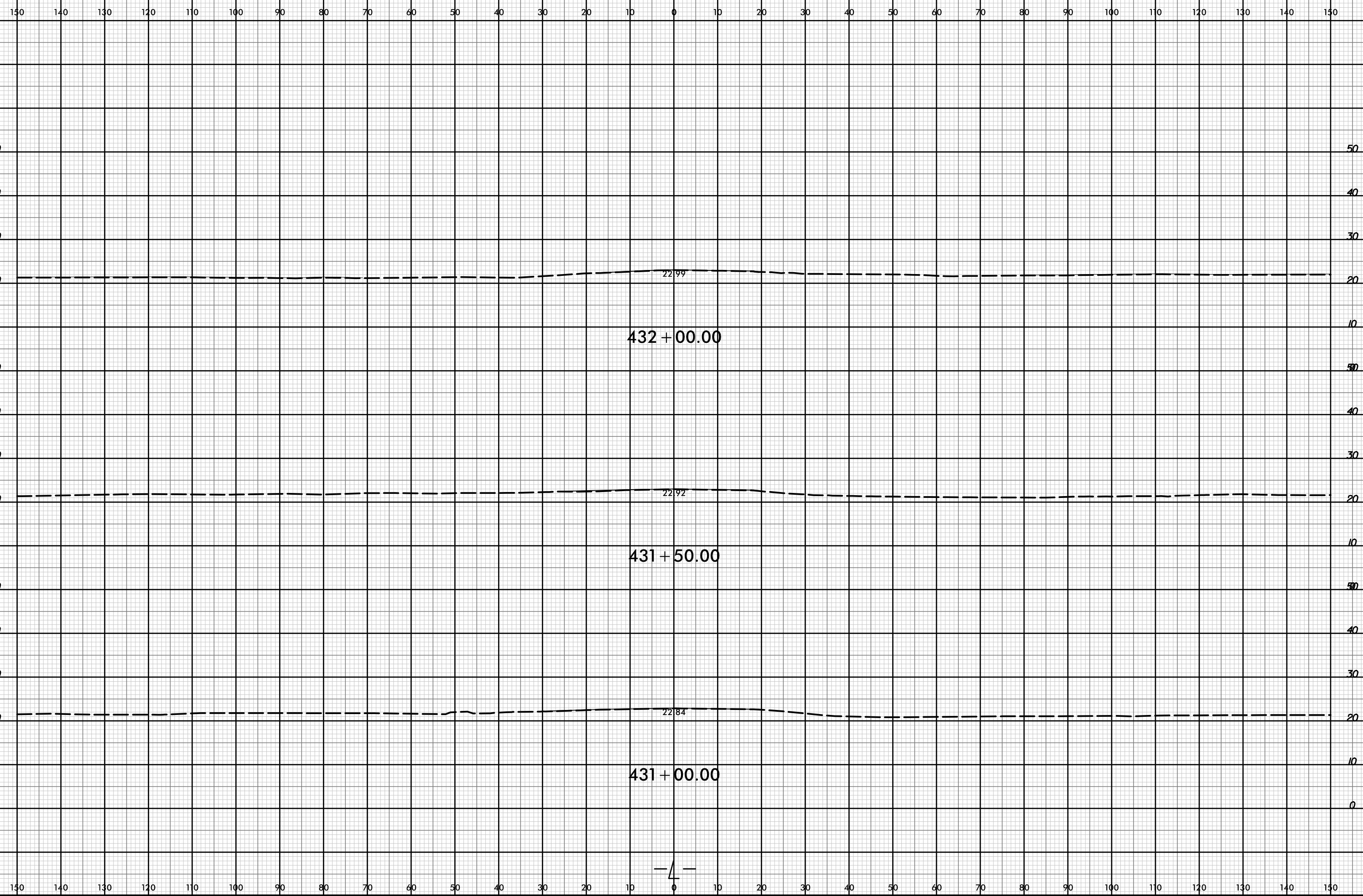
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4:1



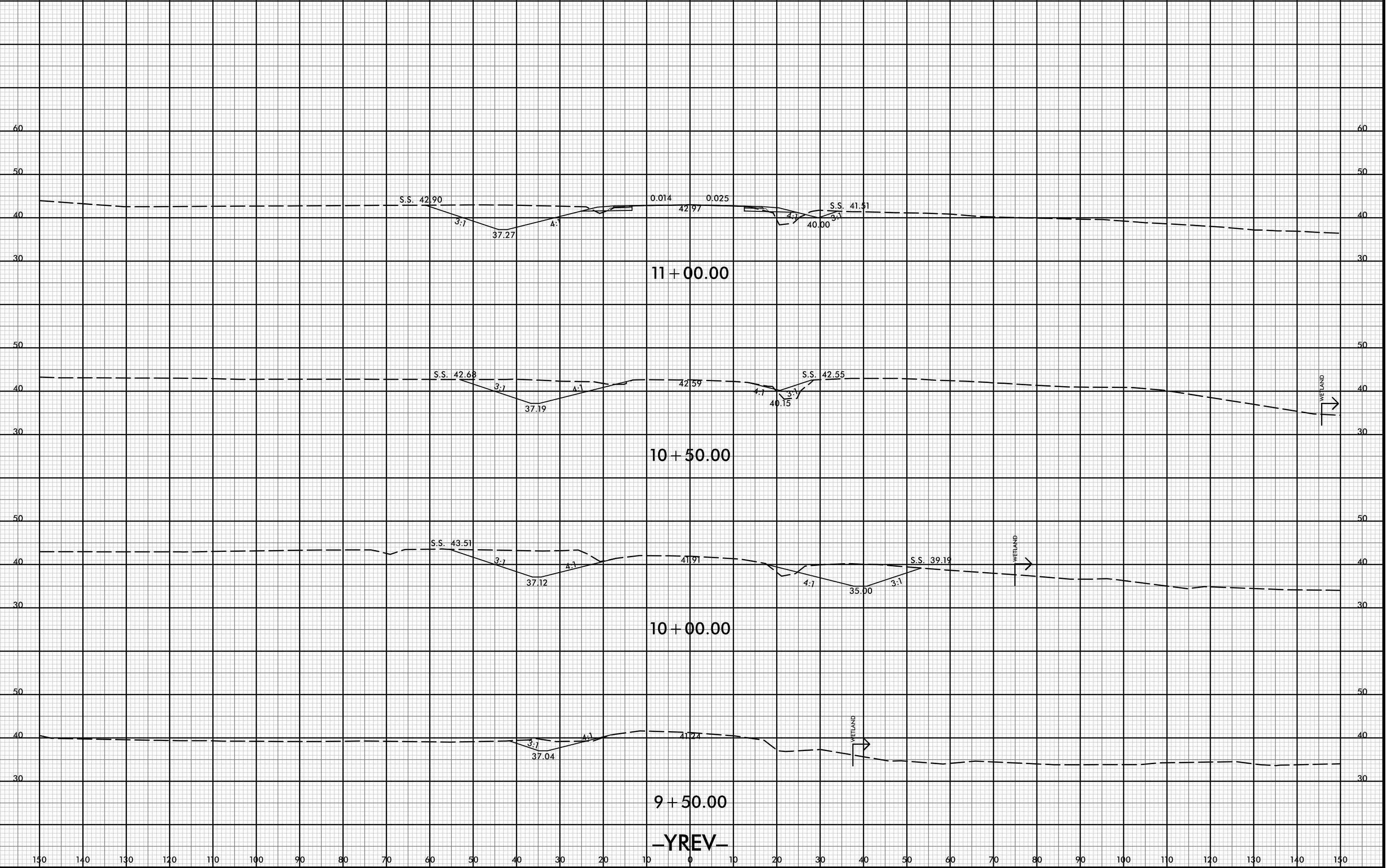
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8/23/99



PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-200

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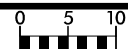


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 HNTB

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

-YREV-

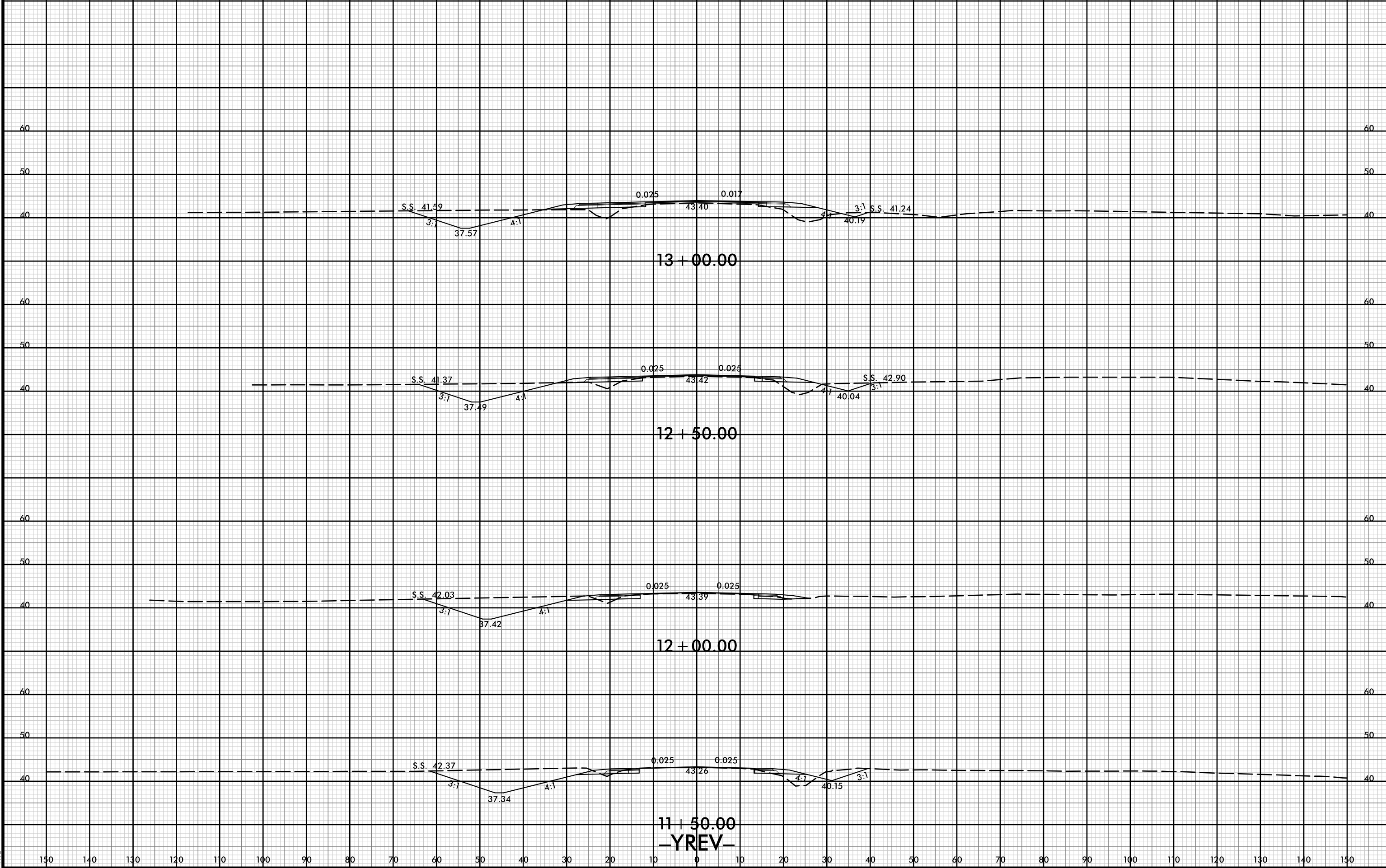
8/23/99



PROJ. REFERENCE NO.  
R-5021

SHEET NO.  
X-201

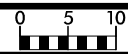
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



11 + 50.00  
-YREV-

21-JUL-2021 10:47  
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HTB

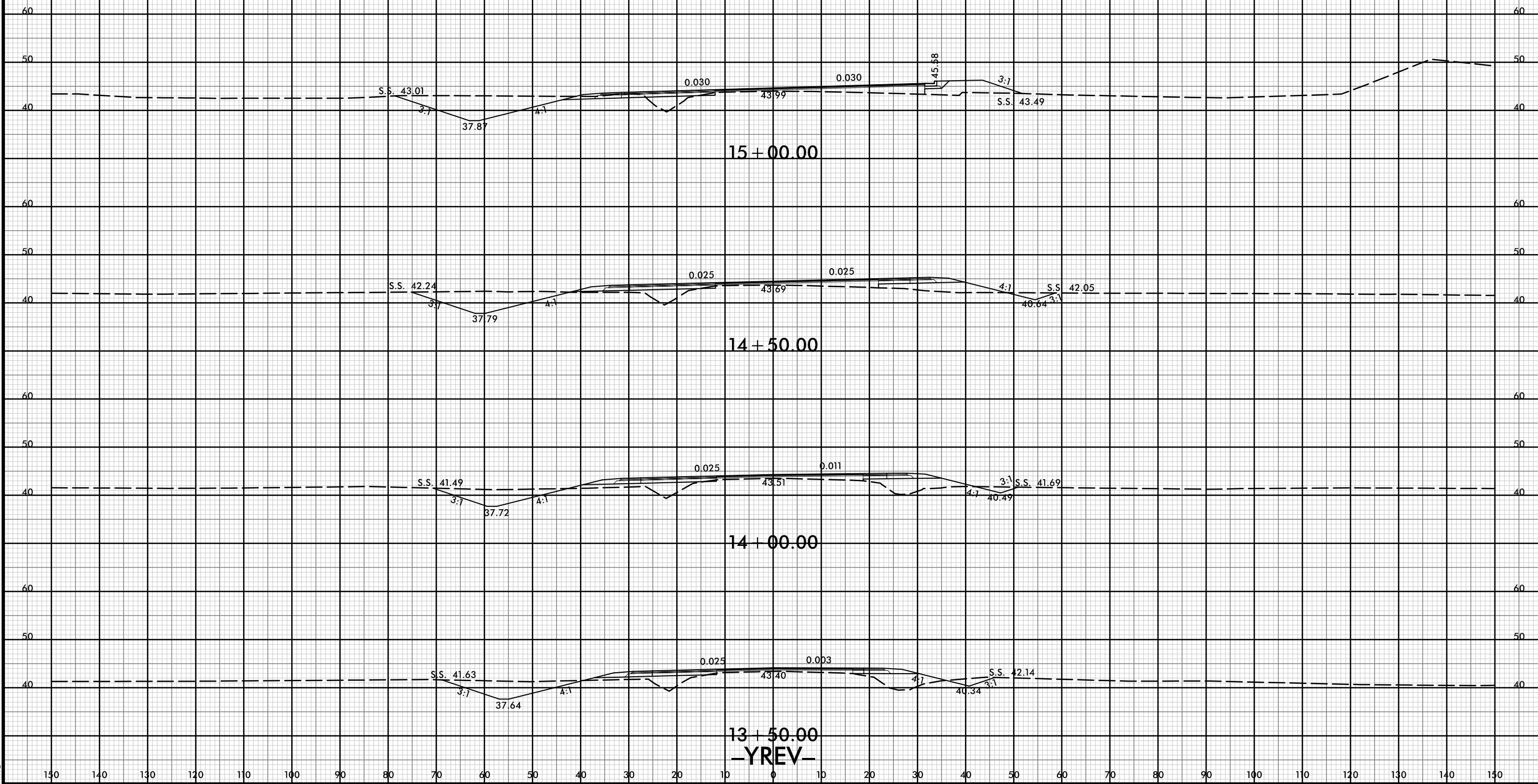
8/23/99



PROJ. REFERENCE NO.  
R-5021

SHEET NO.  
X-202

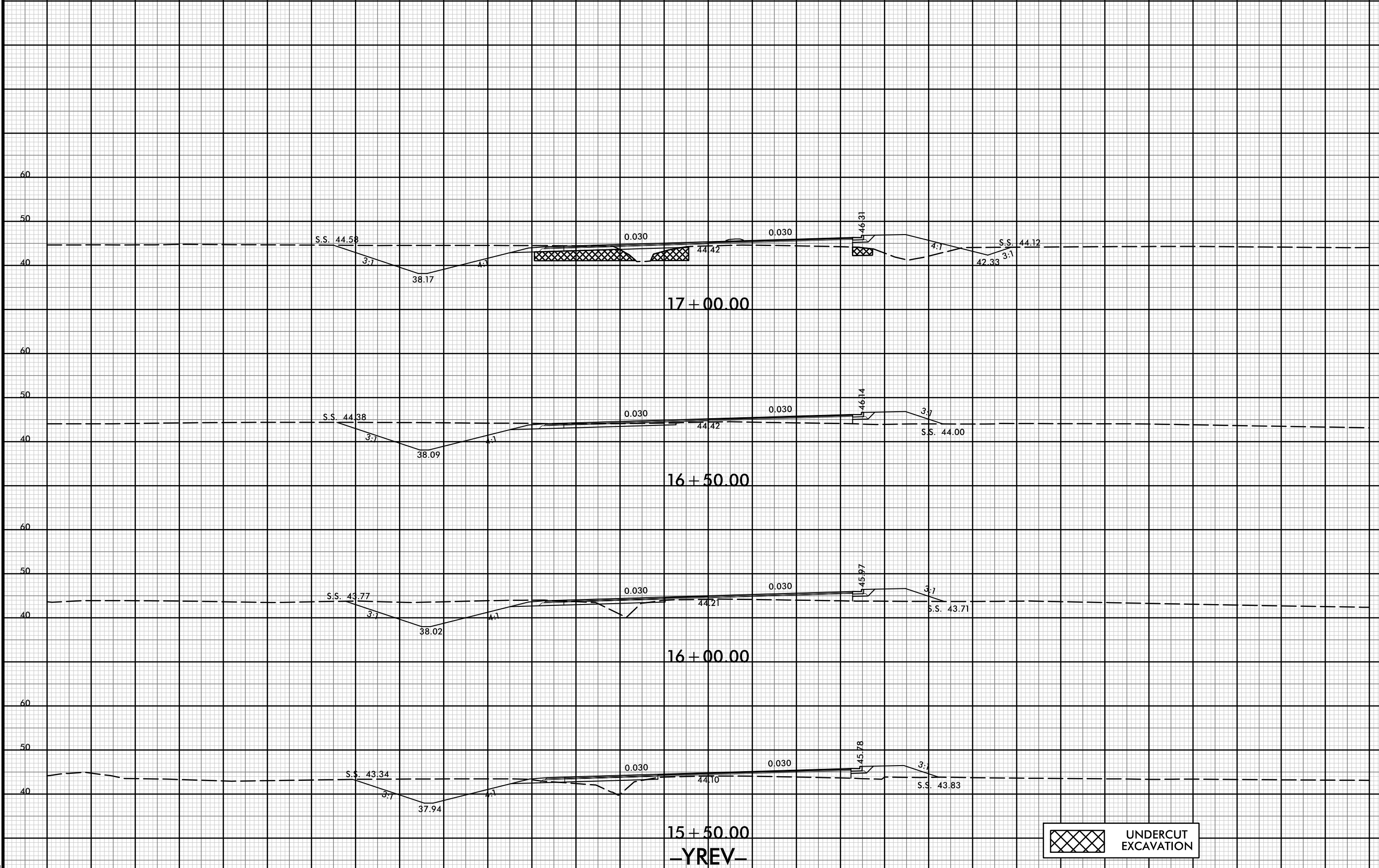
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21-JUL-2021 10:37  
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HTB

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

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

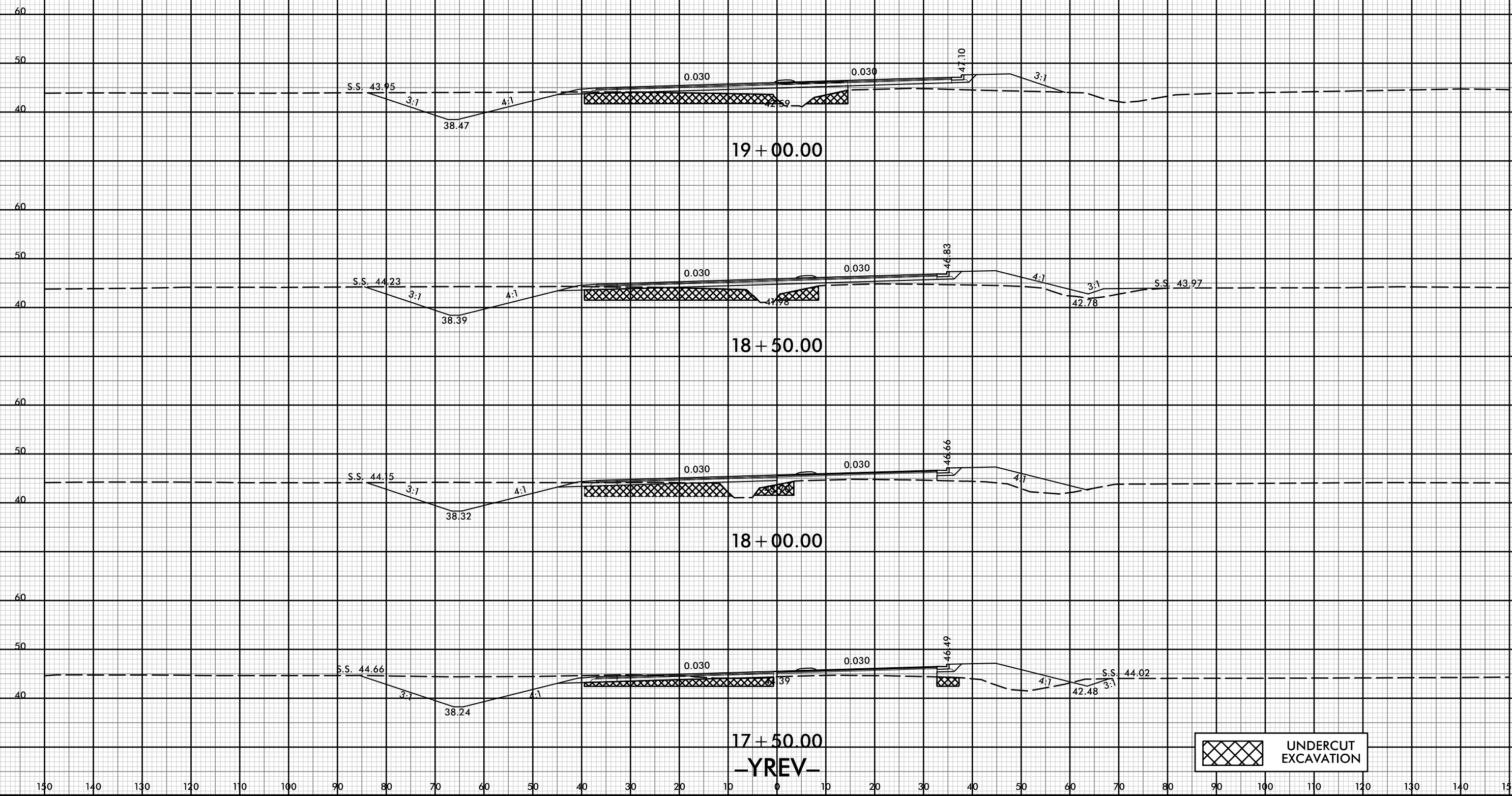


8/23/99



PROJ. REFERENCE NO. R-5021 SHEET NO. X-204

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



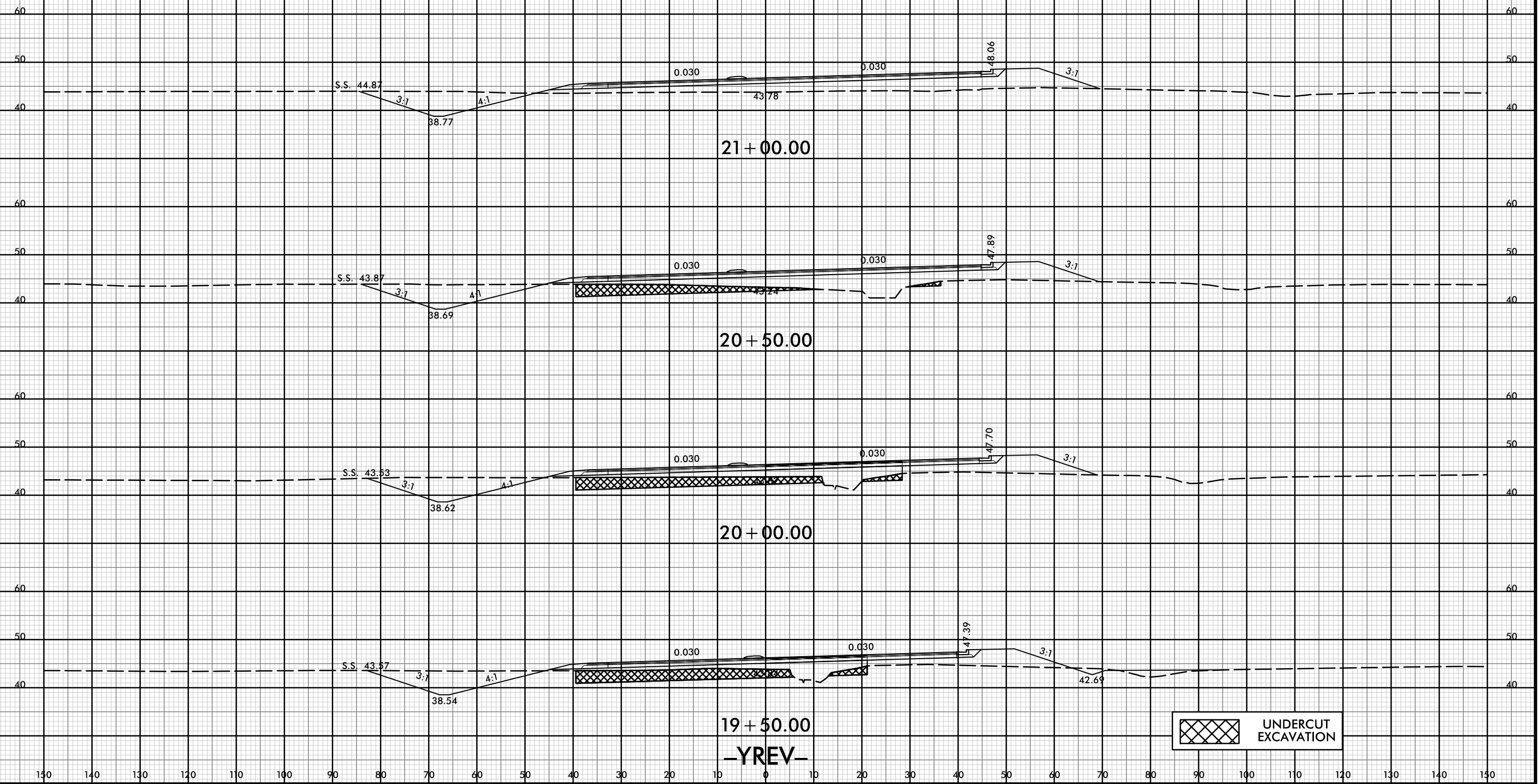
 UNDERCUT EXCAVATION

21-JUL-2021 10:47  
R:\p\dawej\XSC\R-5021-rdy-xp-l-YREV.dgn  
HTFB

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



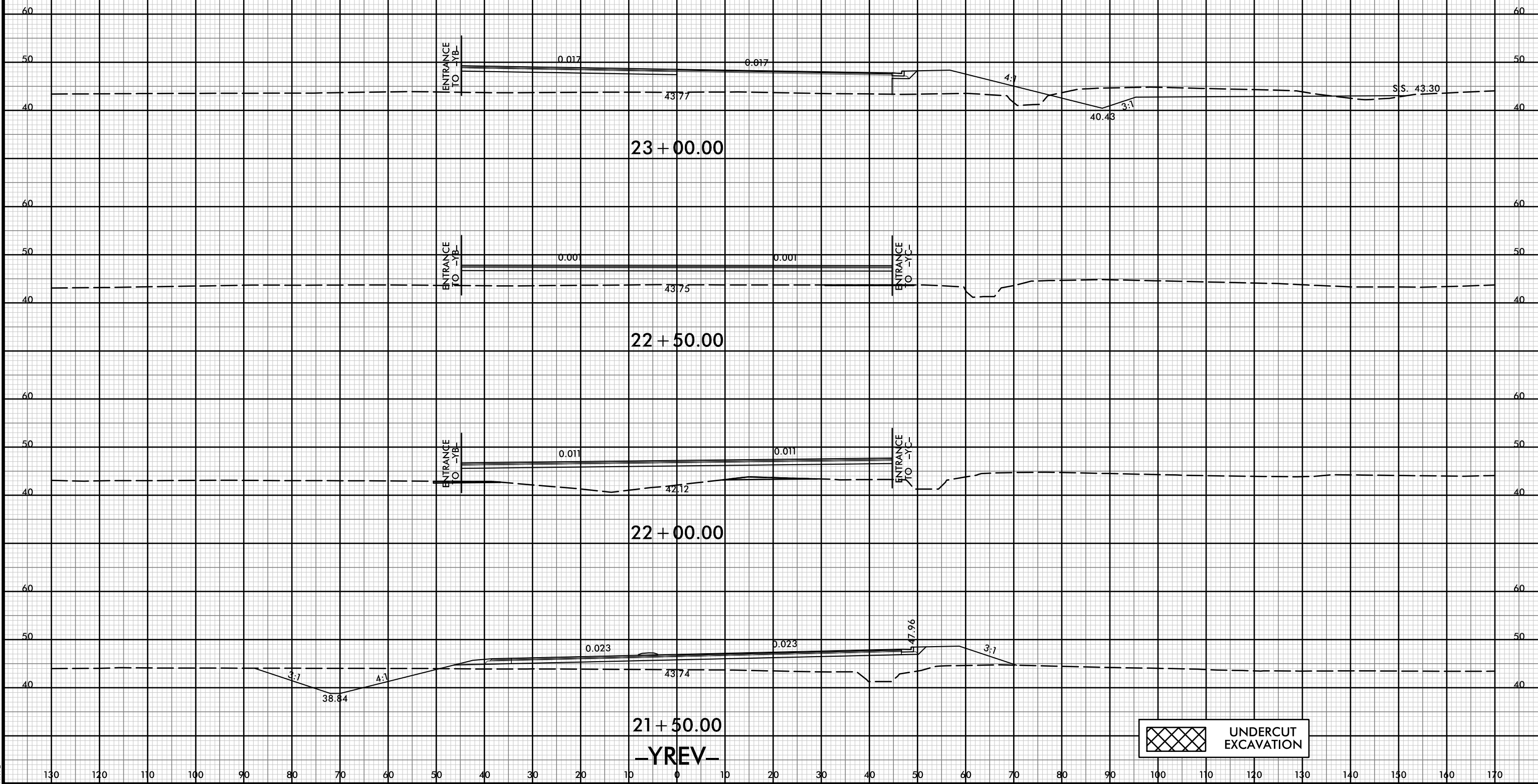
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



UNDERCUT EXCAVATION

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

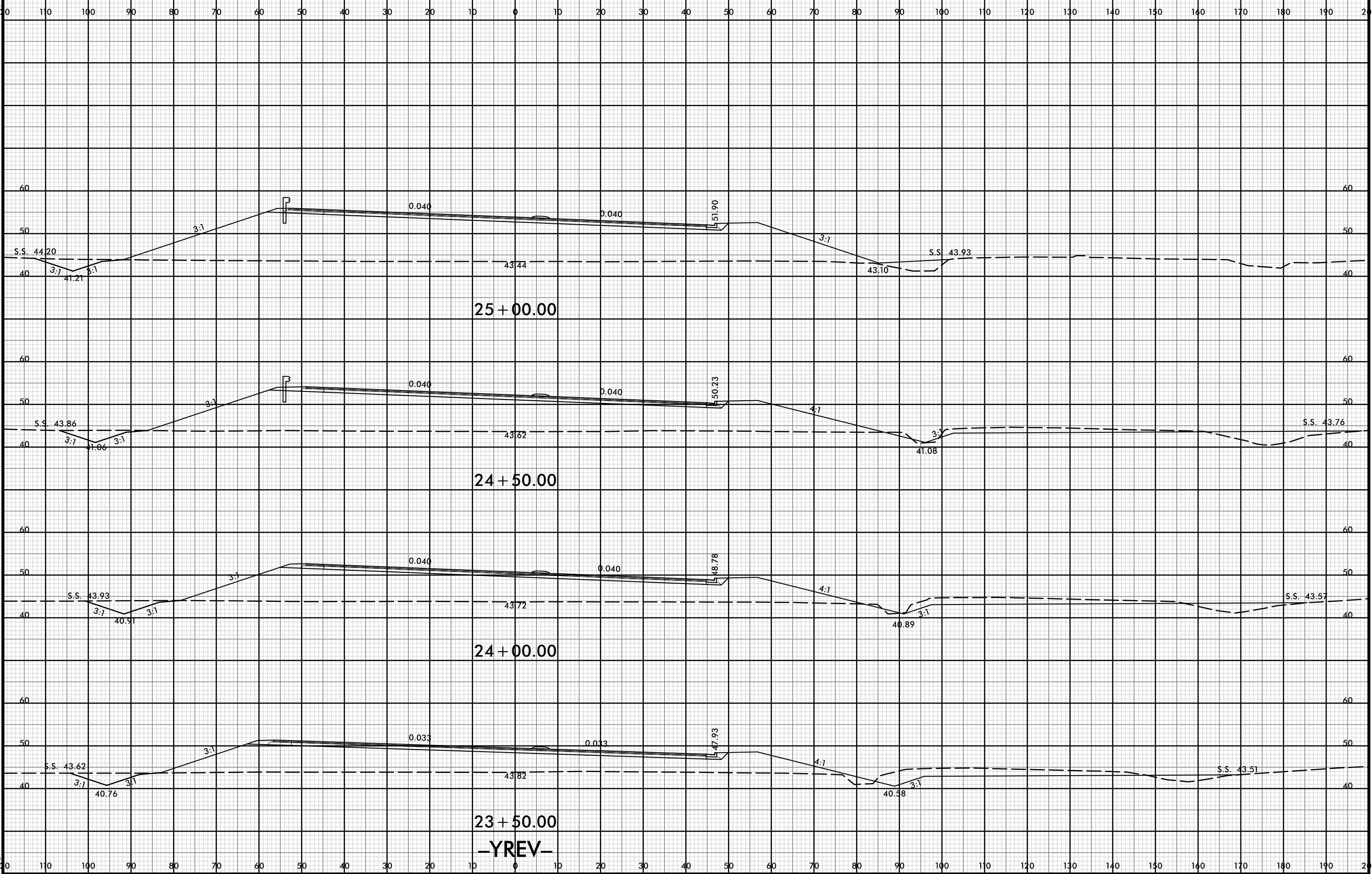
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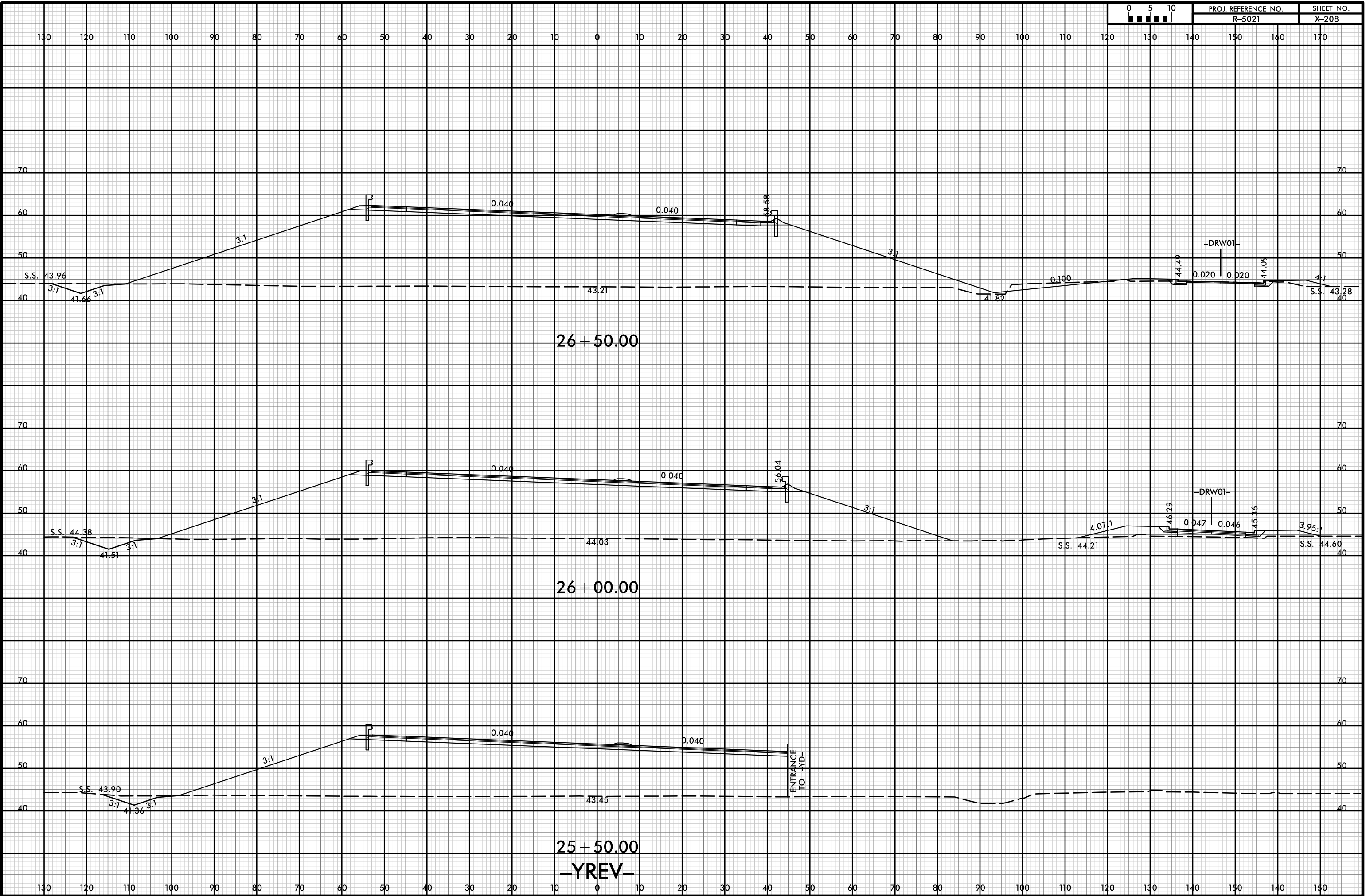


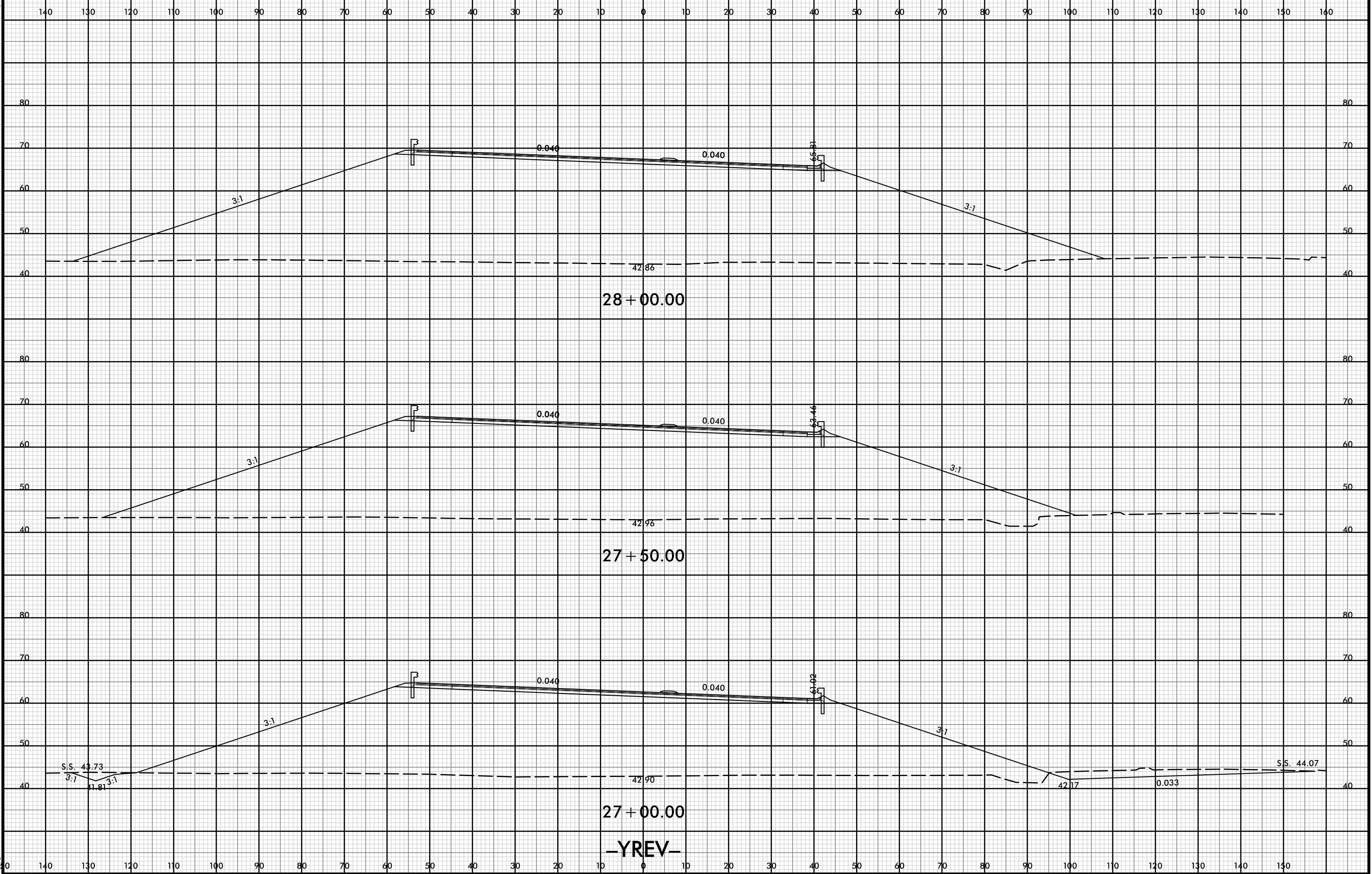
UNDERCUT EXCAVATION

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

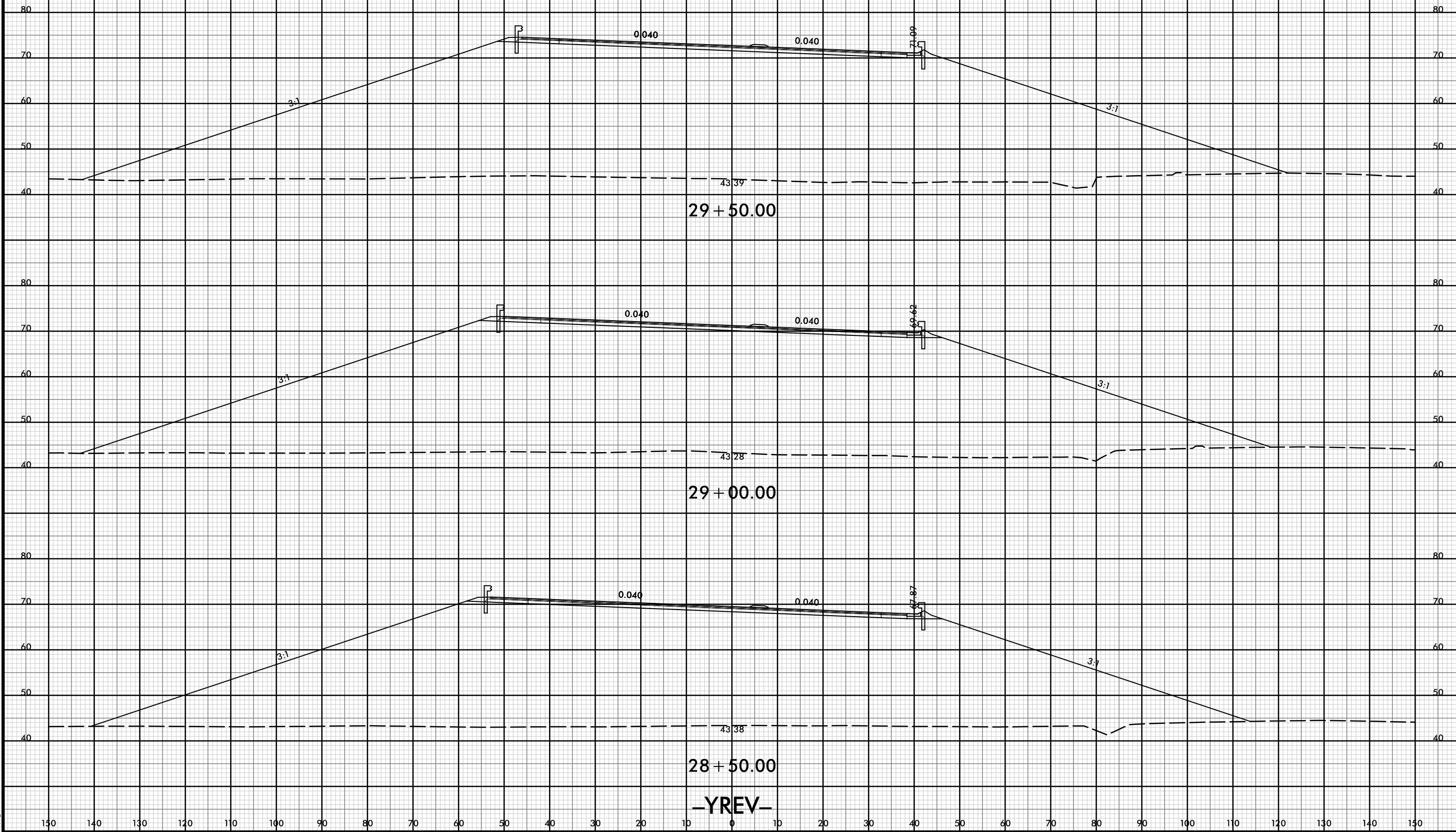
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HFB







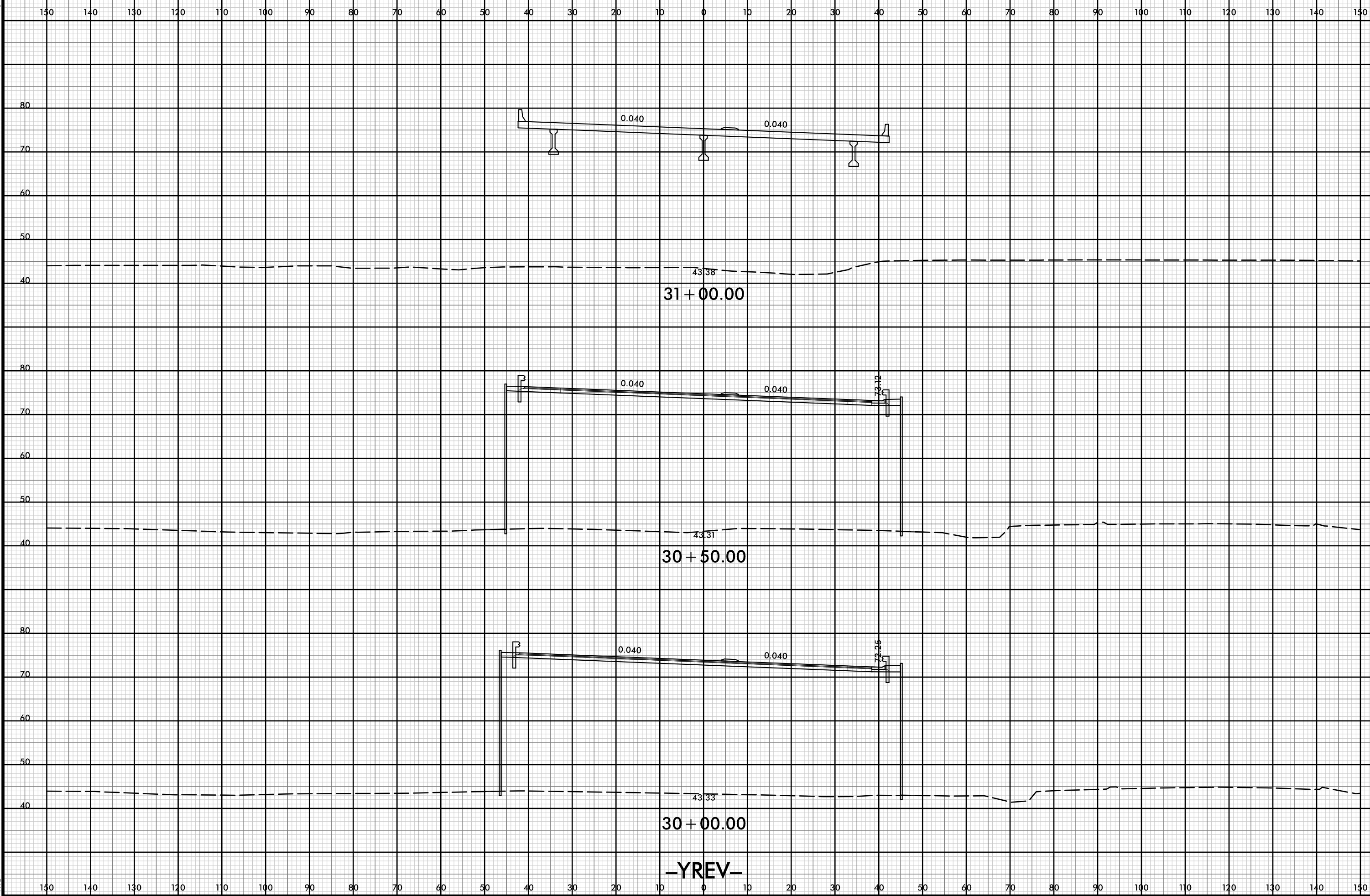
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8/23/99



PROJ. REFERENCE NO.	SHEET NO.
R-5021	X-211



-YREV-

21-JUL-2021 10:37  
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HTB



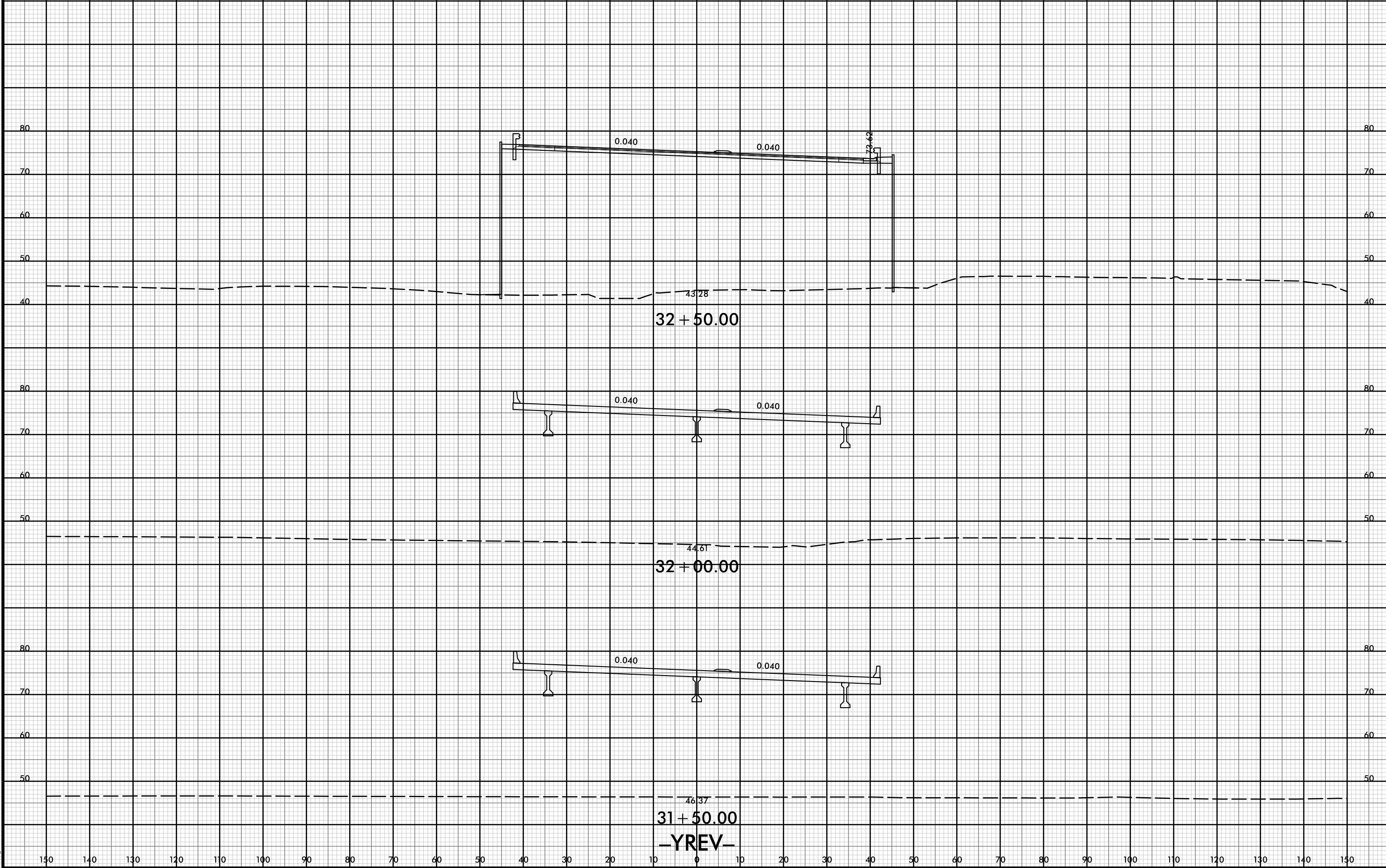
8/23/99



PROJ. REFERENCE NO.  
R-5021

SHEET NO.  
X-212

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32 + 50.00

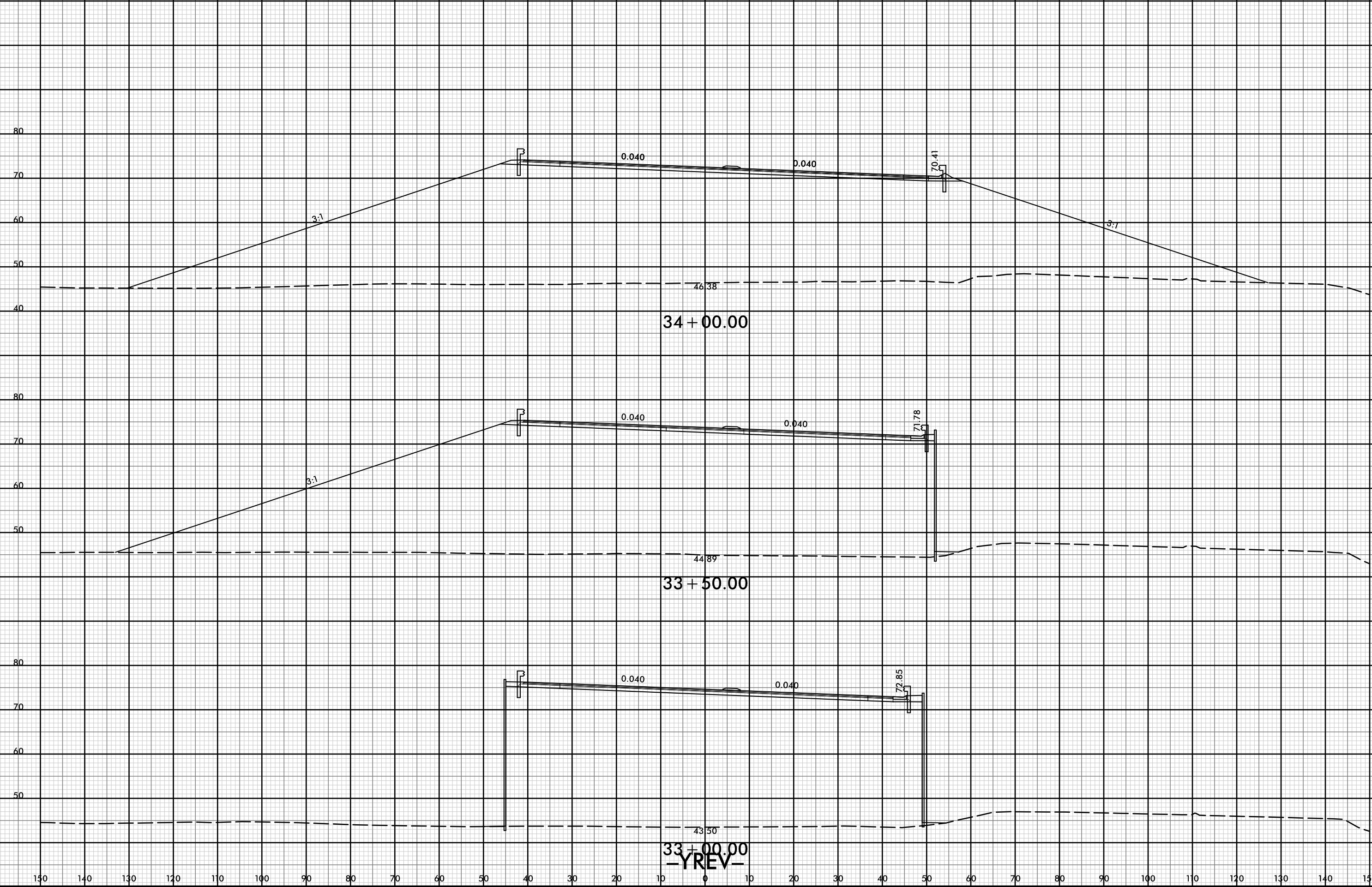
32 + 00.00

31 + 50.00

-YREV-

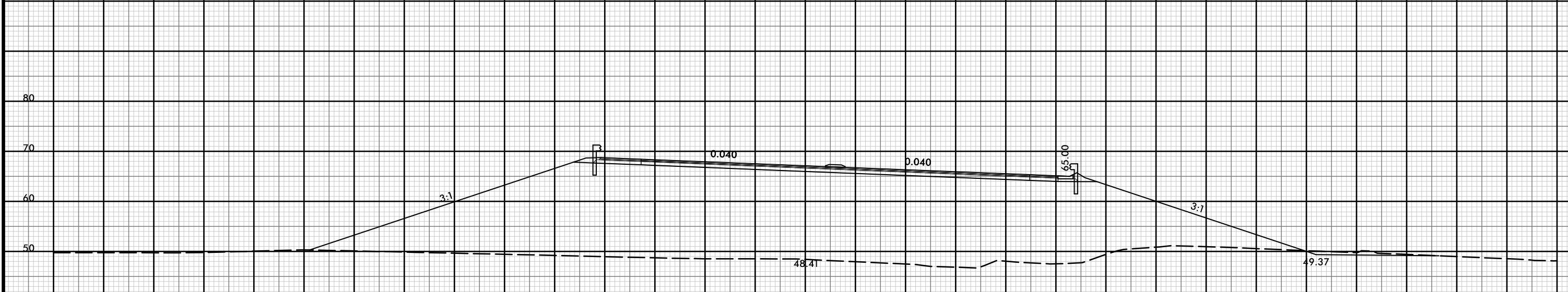
21-Jul-2021 10:37  
R:\p\dawej\XSC\5021-rdy-yp-l-YREV.dgn  
HTB

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

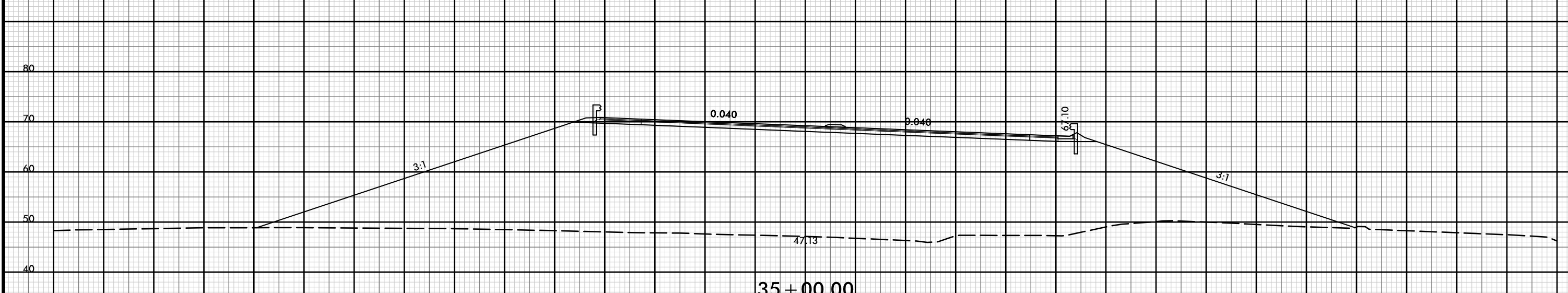


33 + 00.00  
-YREV-

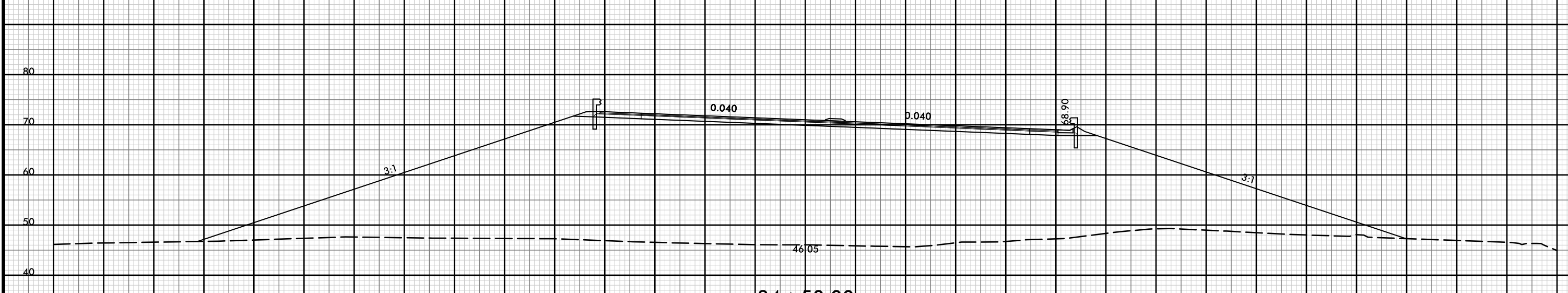
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35 + 50.00



35 + 00.00



34 + 50.00

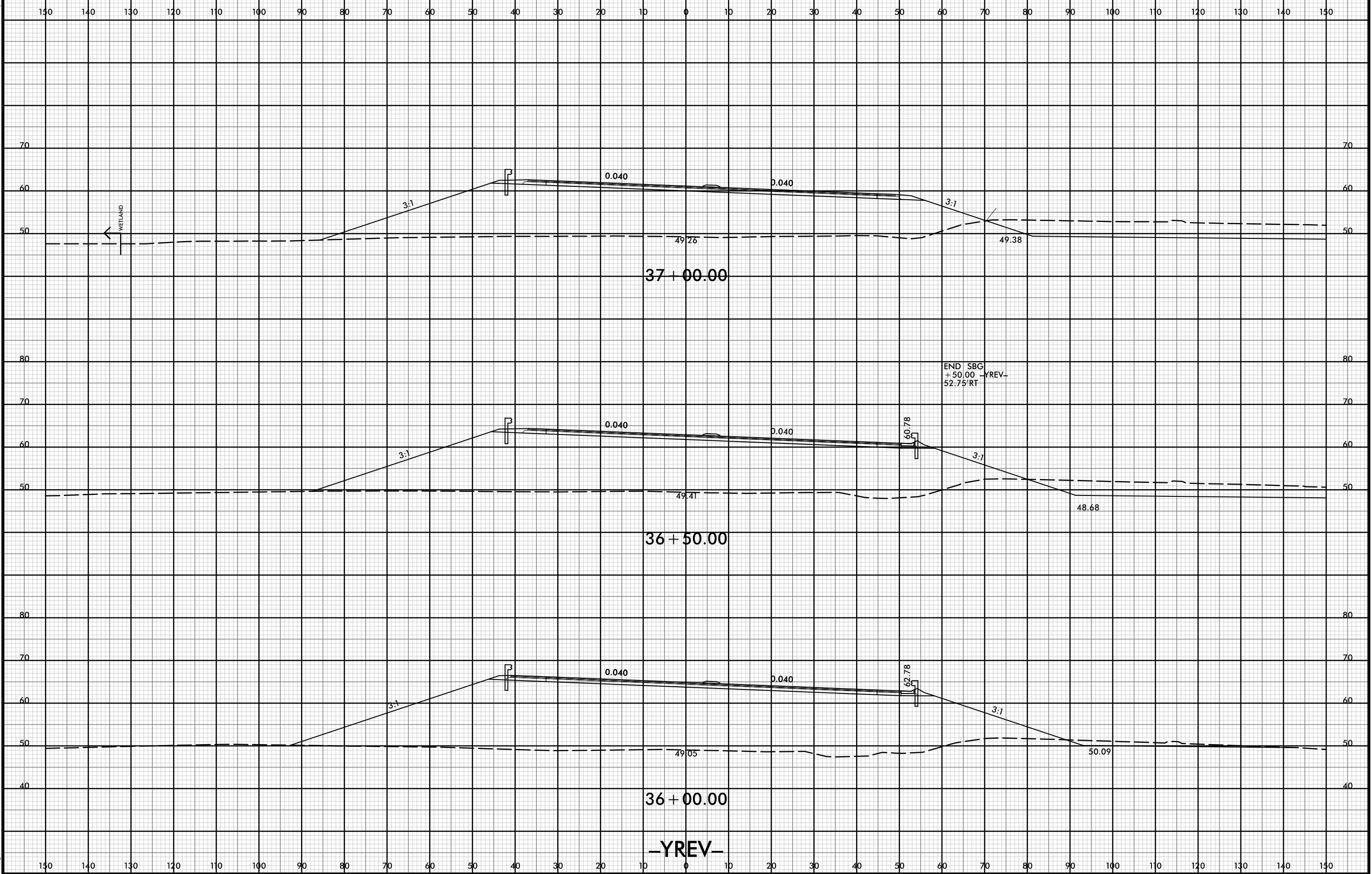
-YREV-

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



PROJ. REFERENCE NO. R-5021 SHEET NO. X-215



21-Jul-2021 10:37  
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HTB

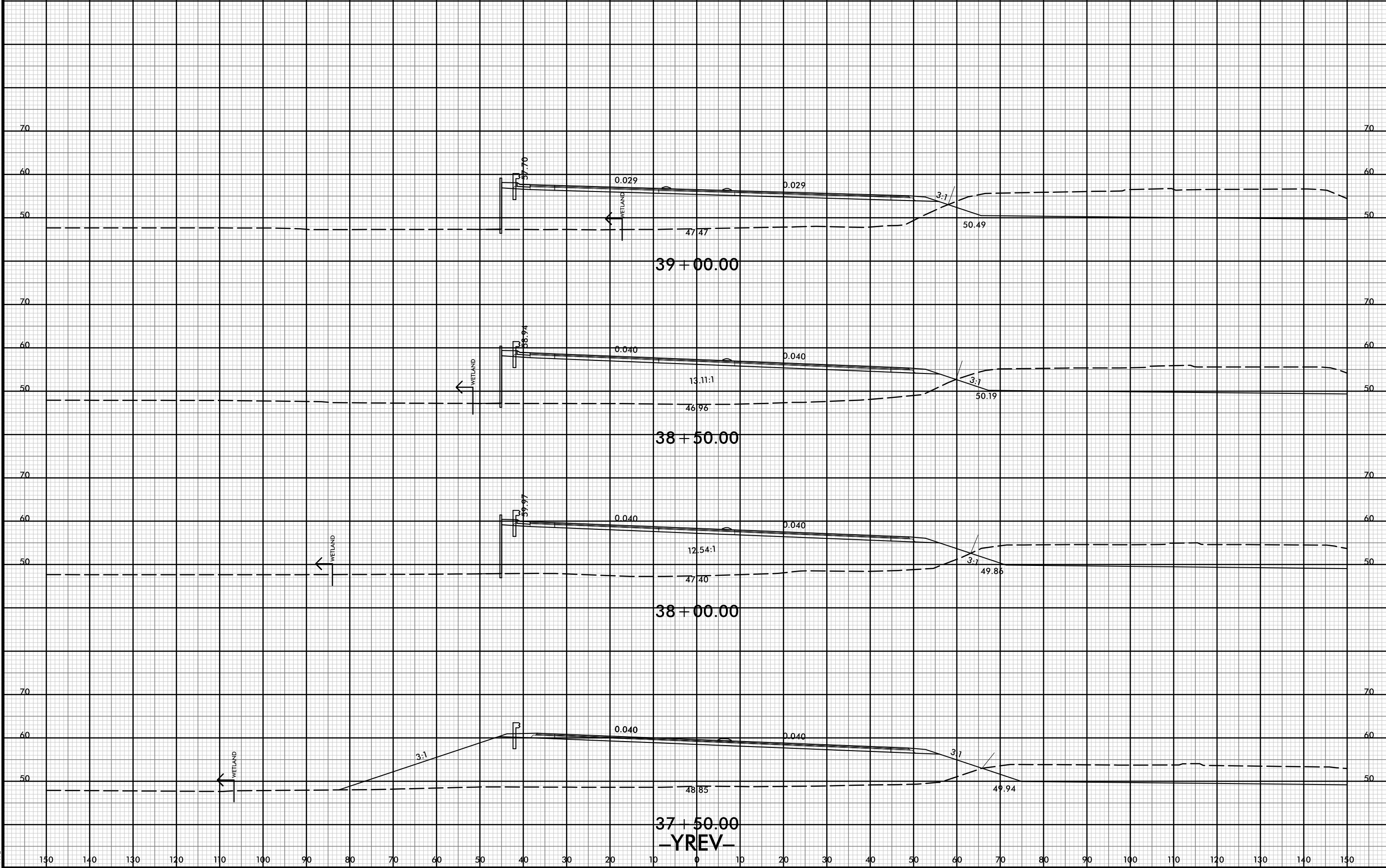
8/23/99



PROJ. REFERENCE NO.  
R-5021

SHEET NO.  
X-216

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39 + 00.00

38 + 50.00

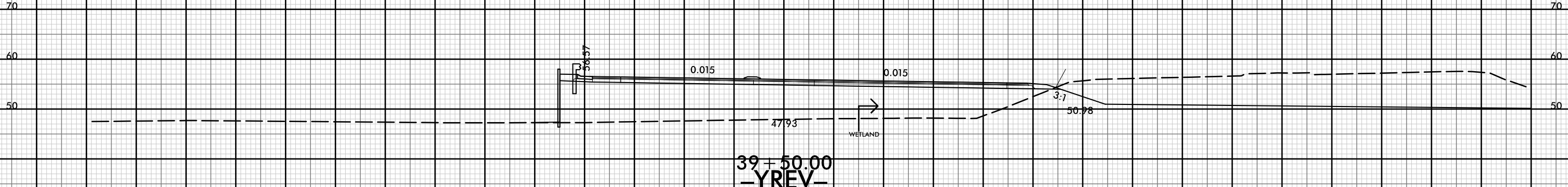
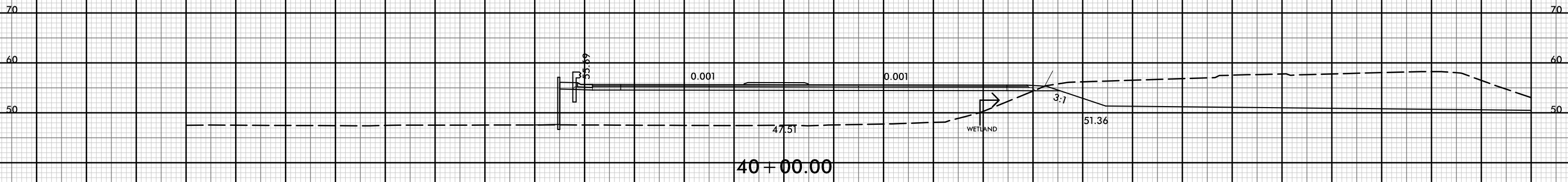
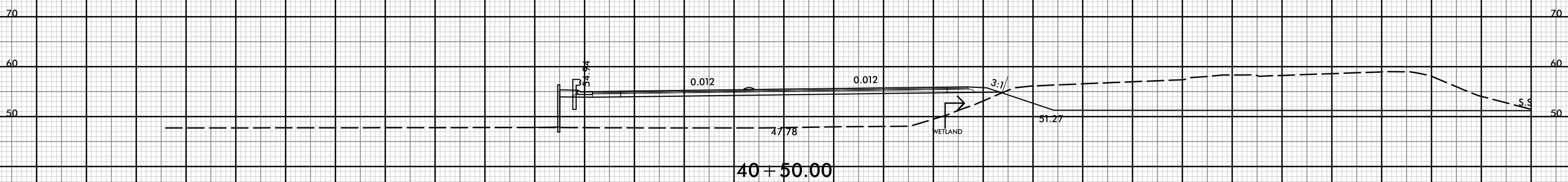
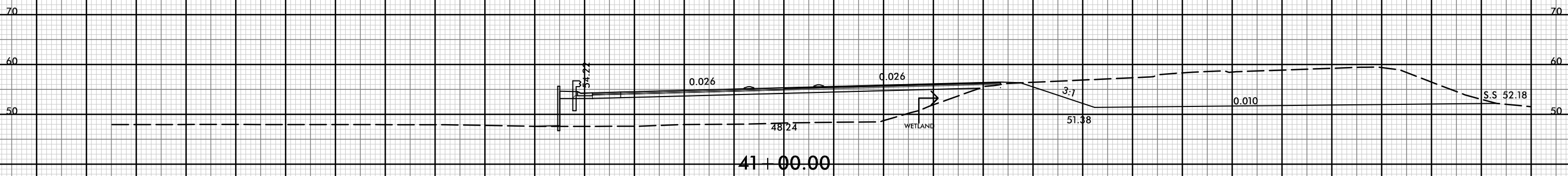
38 + 00.00

37 + 50.00

-YREV-

21-JUL-2021 10:37  
R:\cdawej\XSC\5021-rdy-xp-l-YREV.dgn  
HTB

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



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

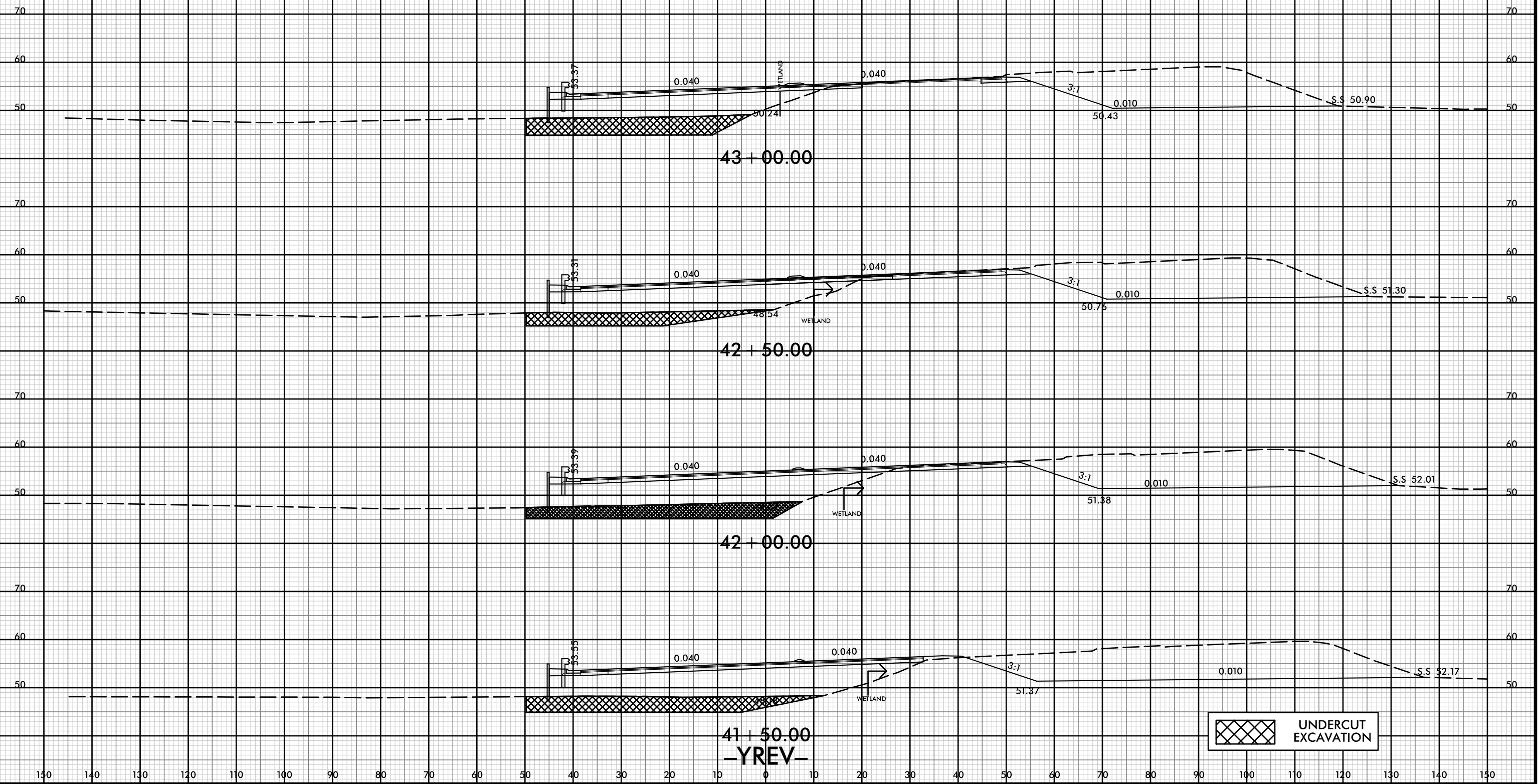
YREV

8/23/99



PROJ. REFERENCE NO. R-5021 SHEET NO. X-218

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43 + 00.00

42 + 50.00

42 + 00.00

41 + 50.00

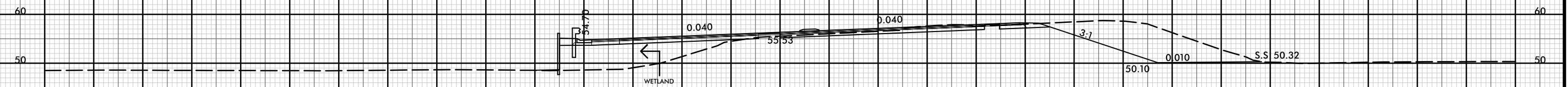
-YREV-

UNDERCUT EXCAVATION

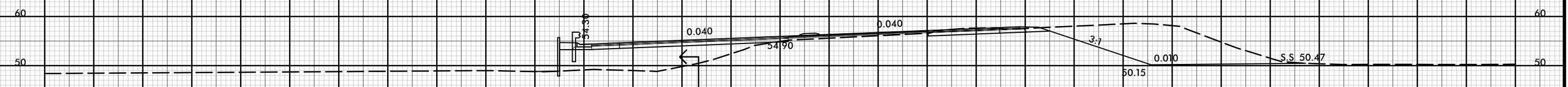
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HNFB



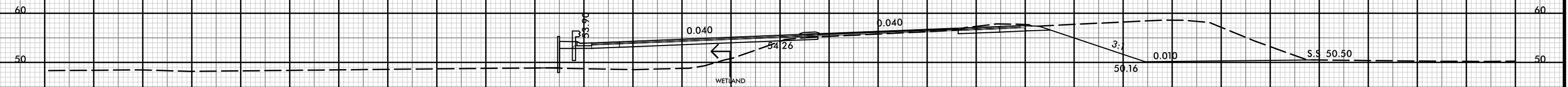
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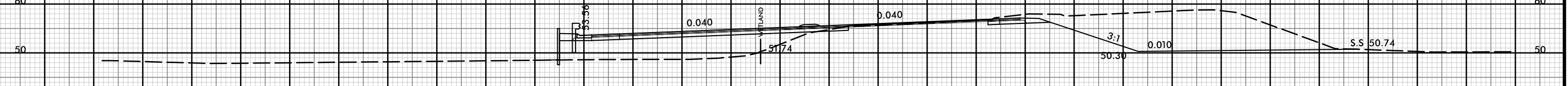
45 + 00.00



44 + 50.00



44 + 00.00



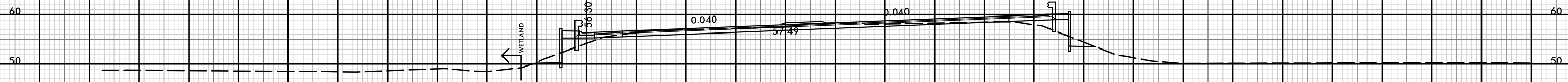
43 + 50.00

-YREV-

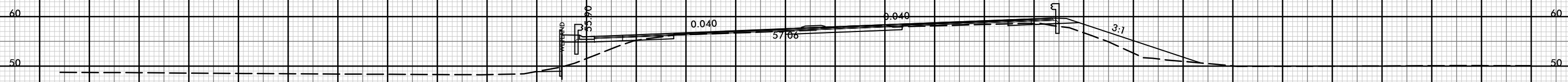
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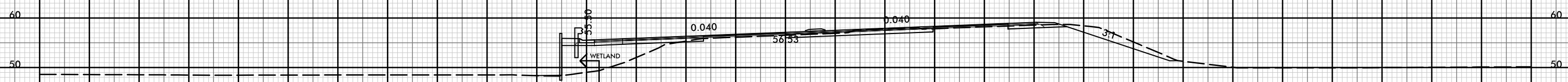
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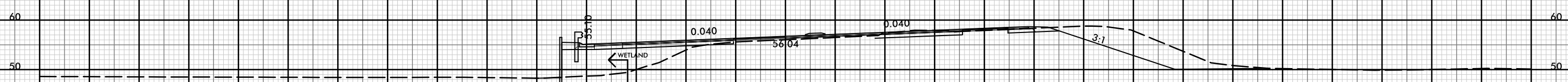
47 + 00.00



46 + 50.00



46 + 00.00



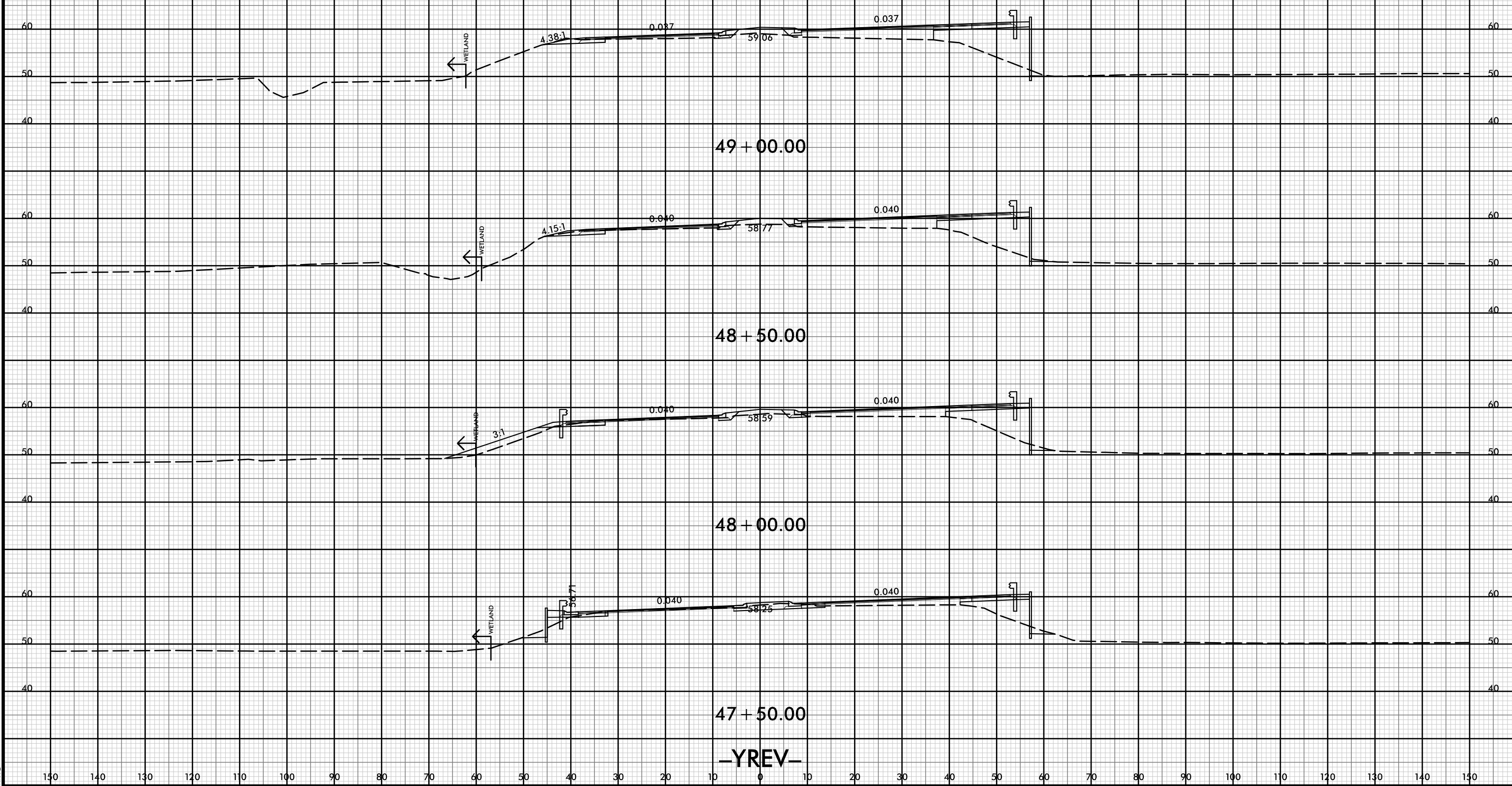
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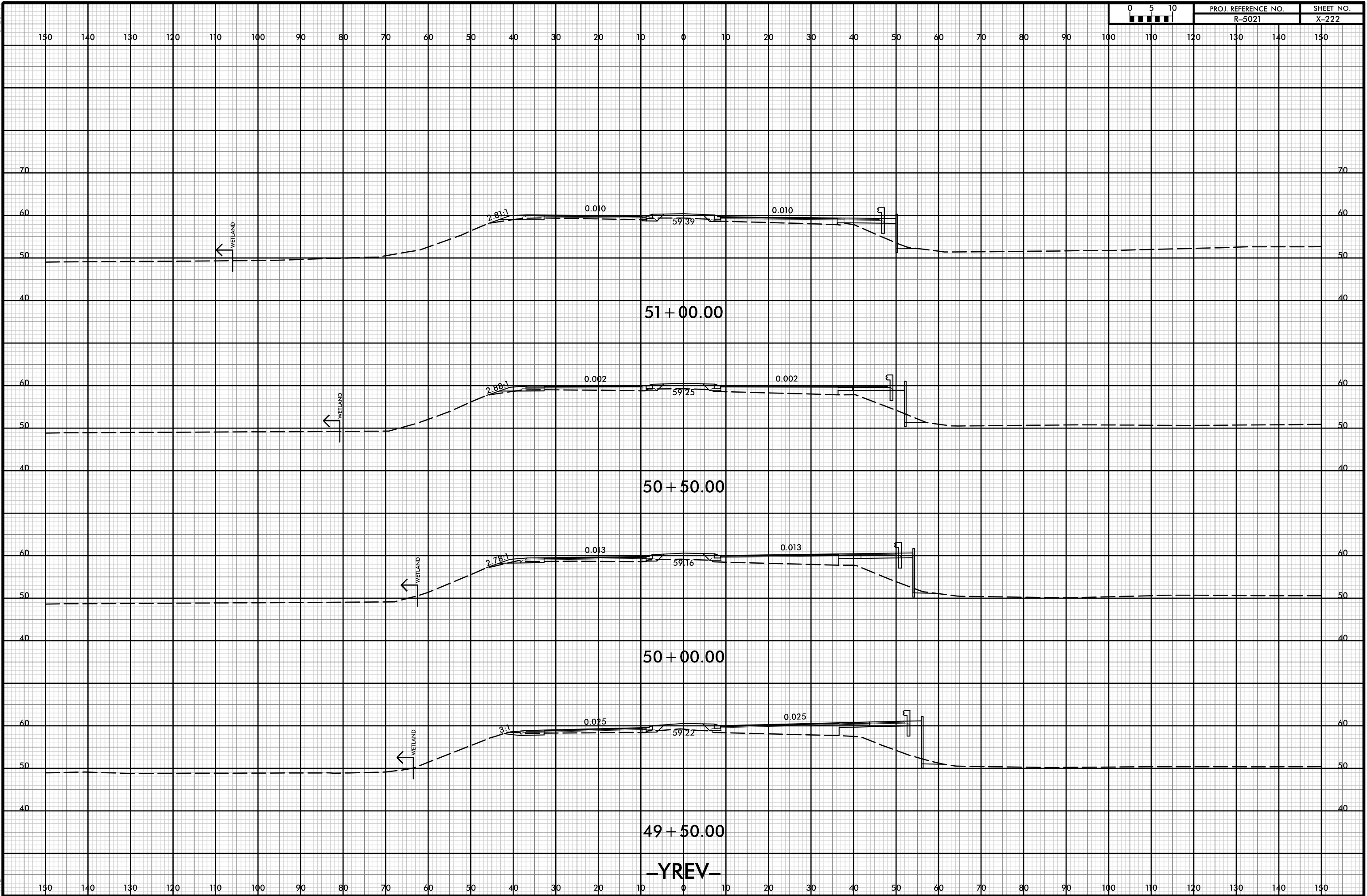
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



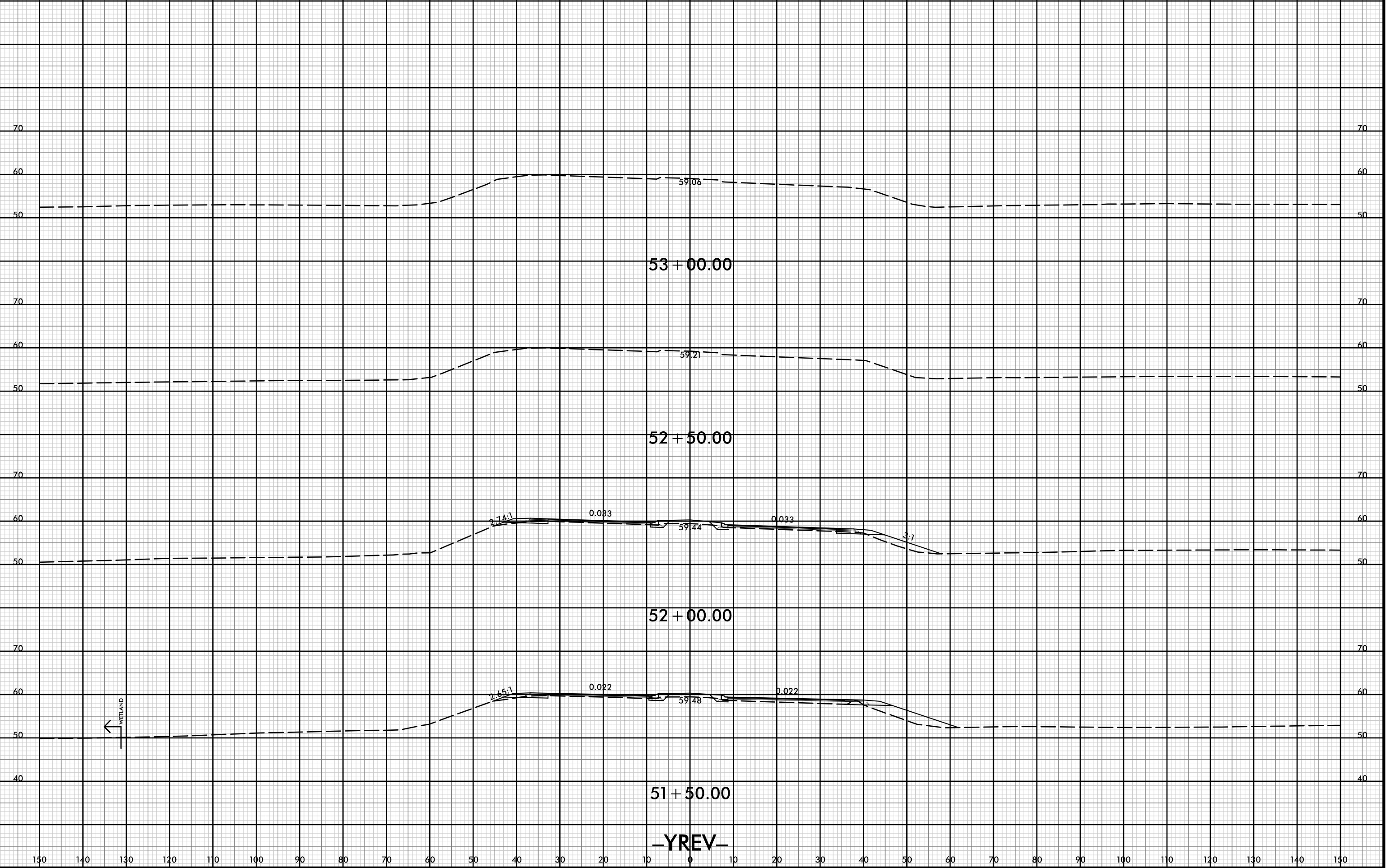
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-YREV-



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



52 + 00.00

52 + 50.00

53 + 00.00

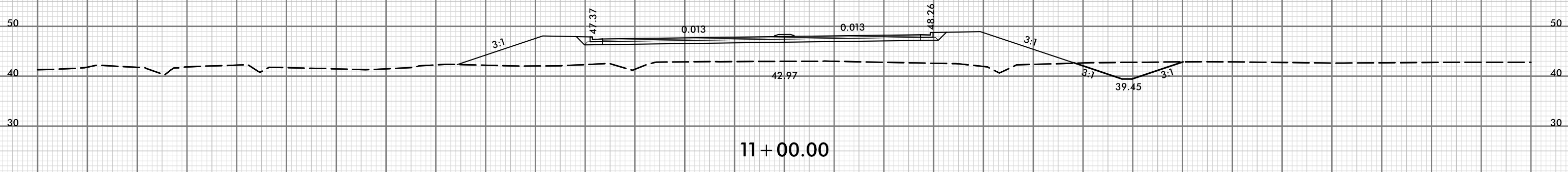
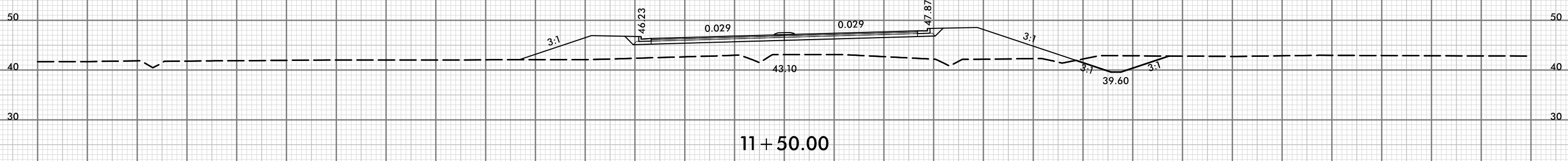
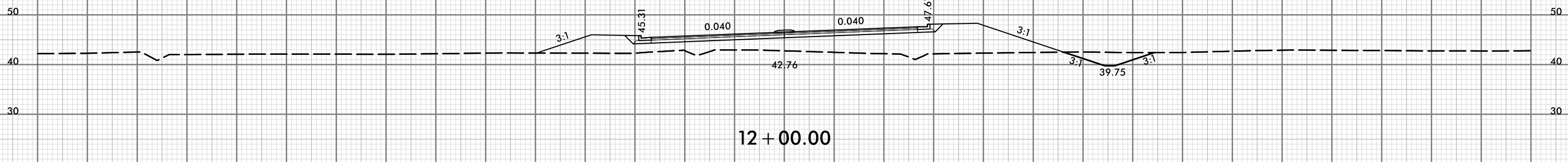
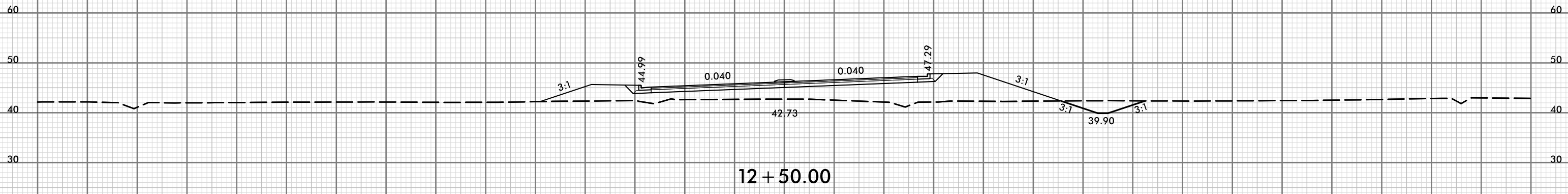
51 + 50.00

-YREV-

WETLAND



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

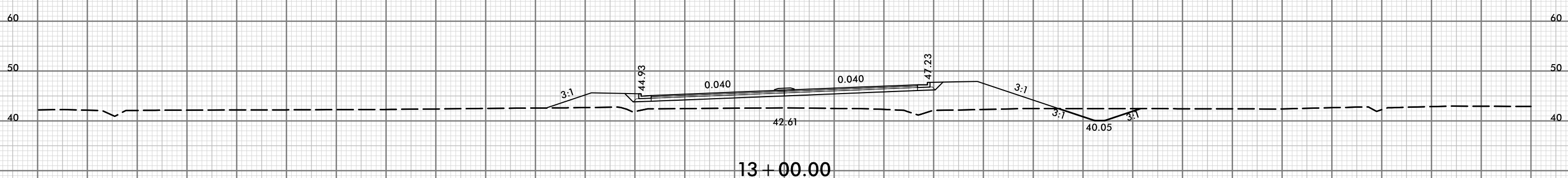
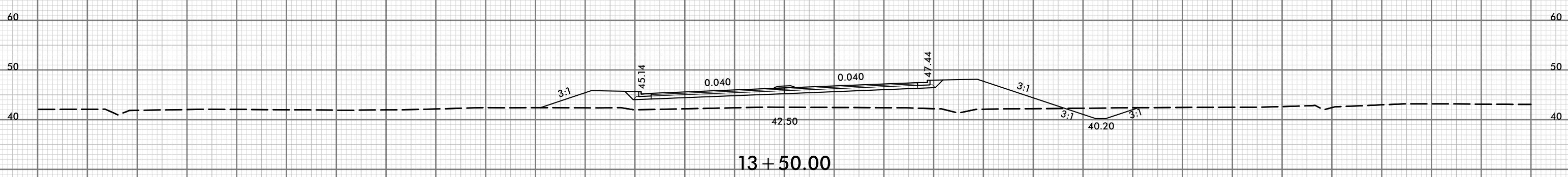
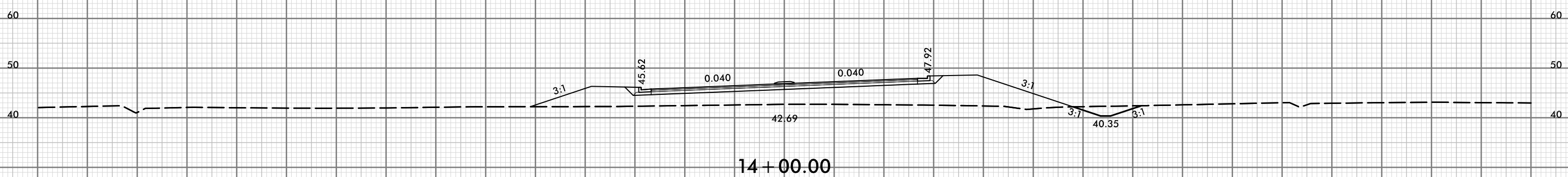
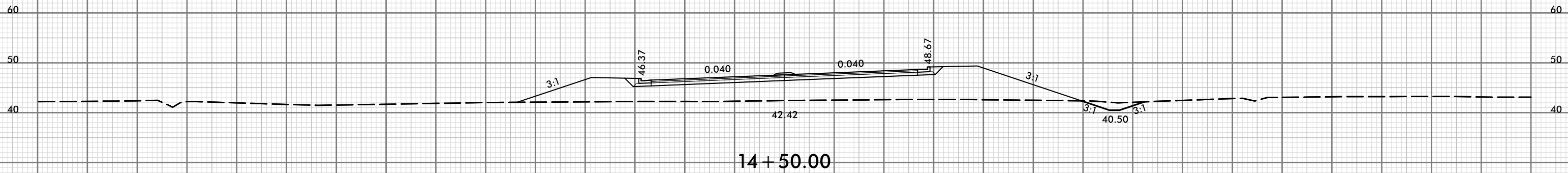


-YAREV-

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



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

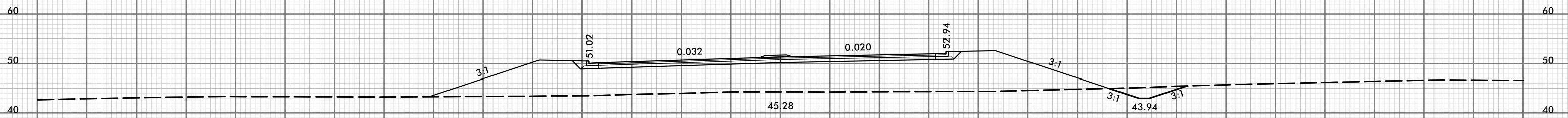


**YAREV**

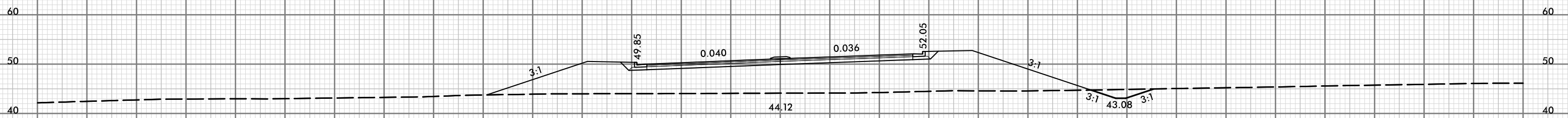
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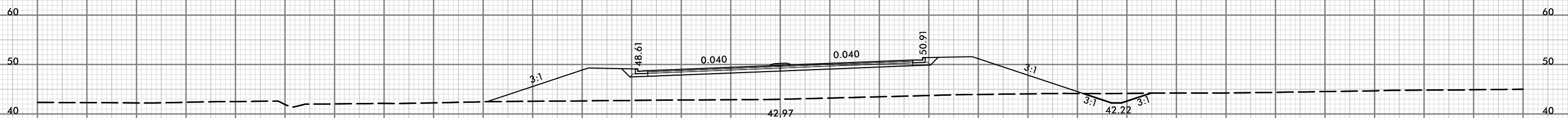
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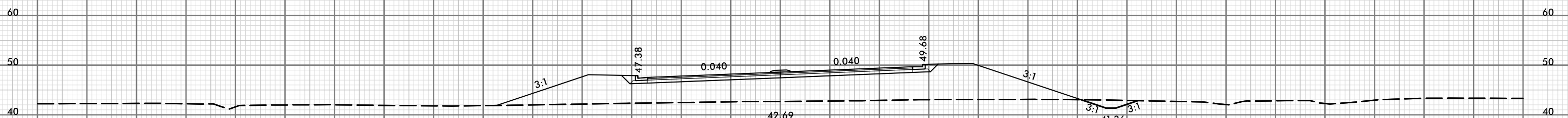
16 + 50.00



16 + 00.00



15 + 50.00



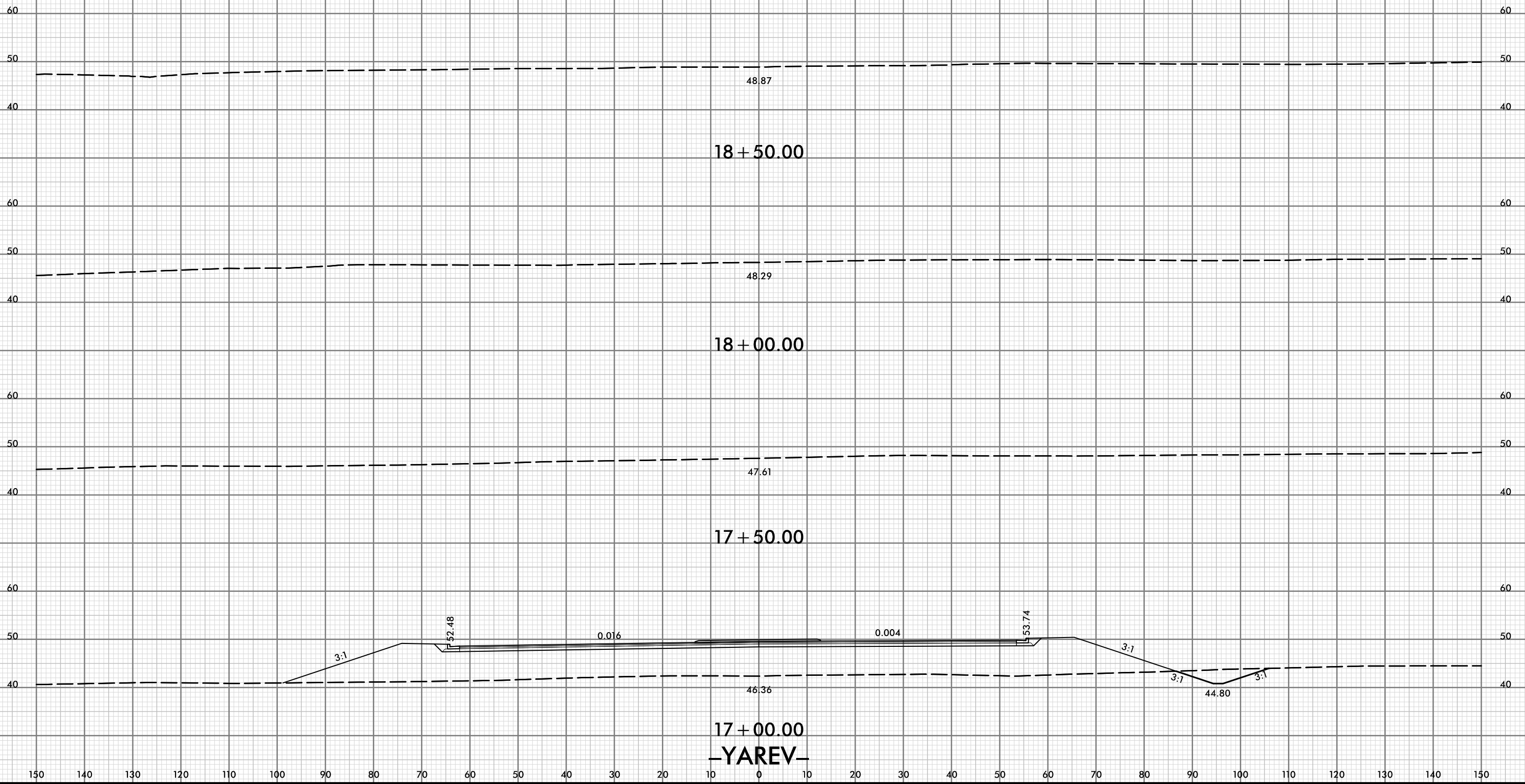
15 + 00.00

-YAREV-

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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



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

17+00.00  
-YAREV-



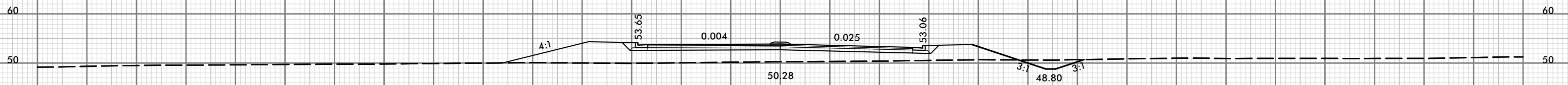
8/23/99



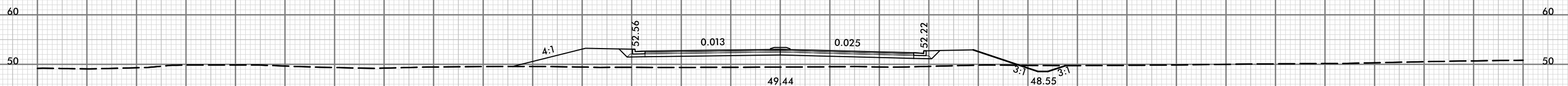
PROJ. REFERENCE NO.  
R-5021

SHEET NO.  
X-228

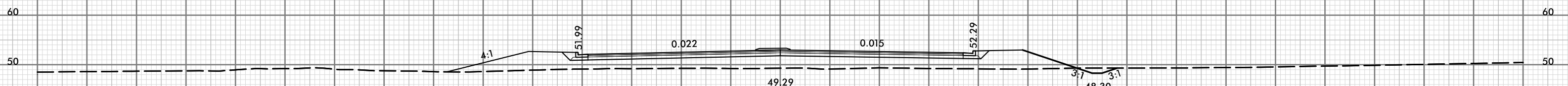
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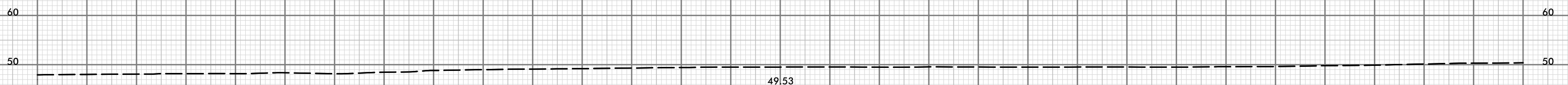
20 + 50.00



20 + 00.00



19 + 50.00



19 + 00.00

-YAREV-

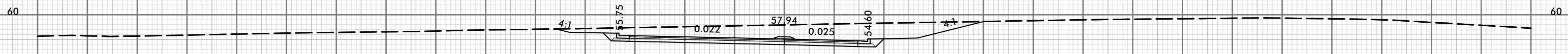
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22-OCT-2021 15:10  
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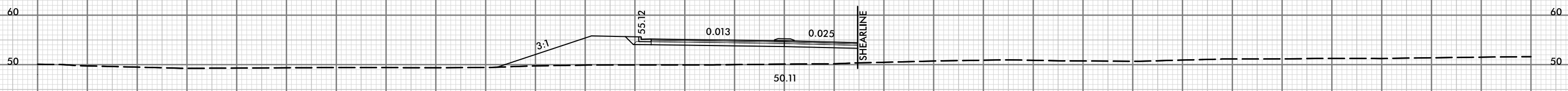


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

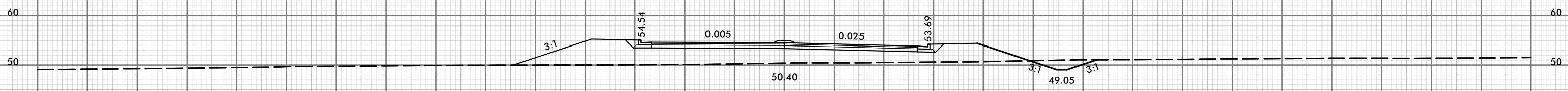
22 + 50.00



22 + 00.00



21 + 50.00



21 + 00.00

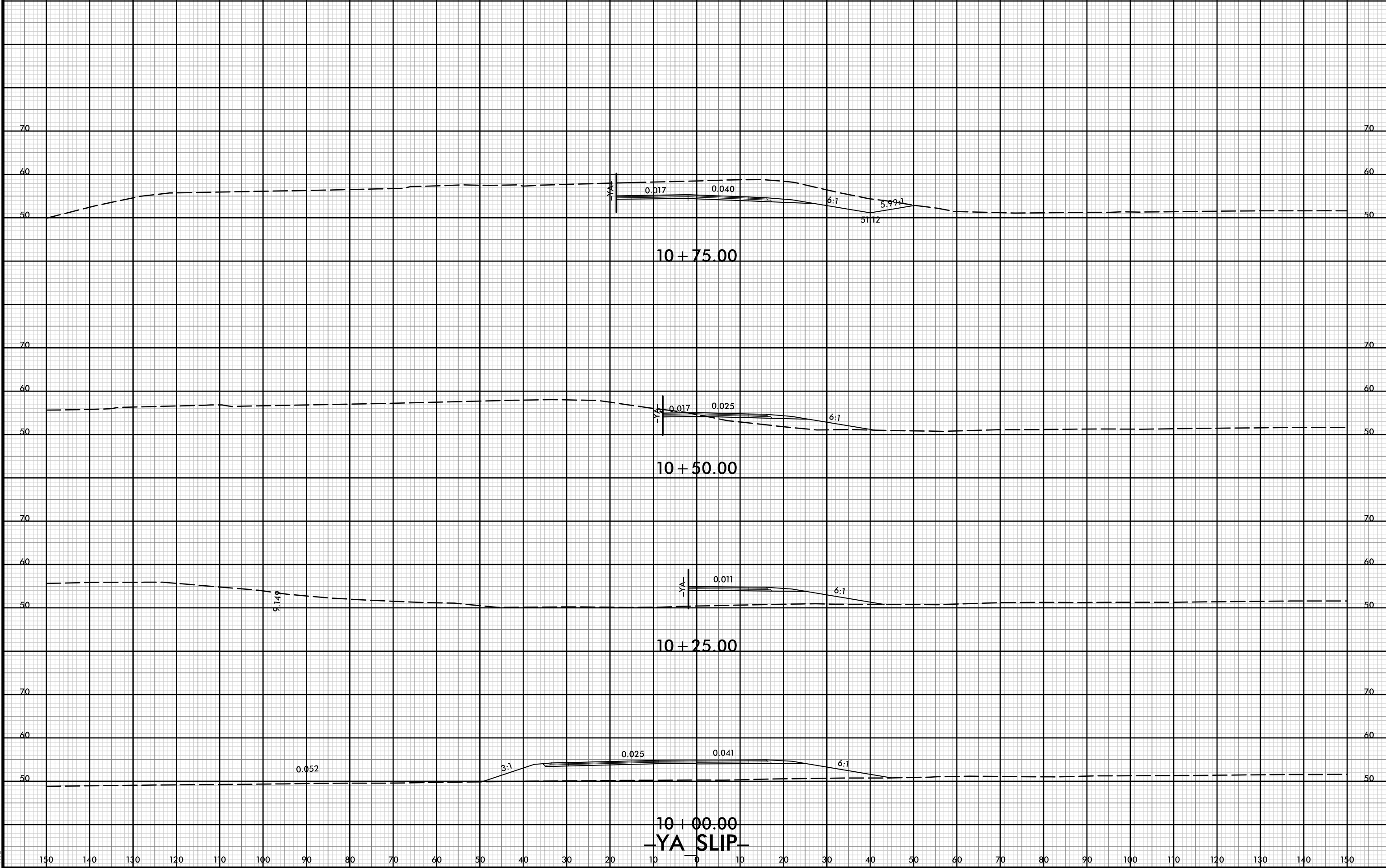
-YAREV-

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





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



10 + 75.00

10 + 50.00

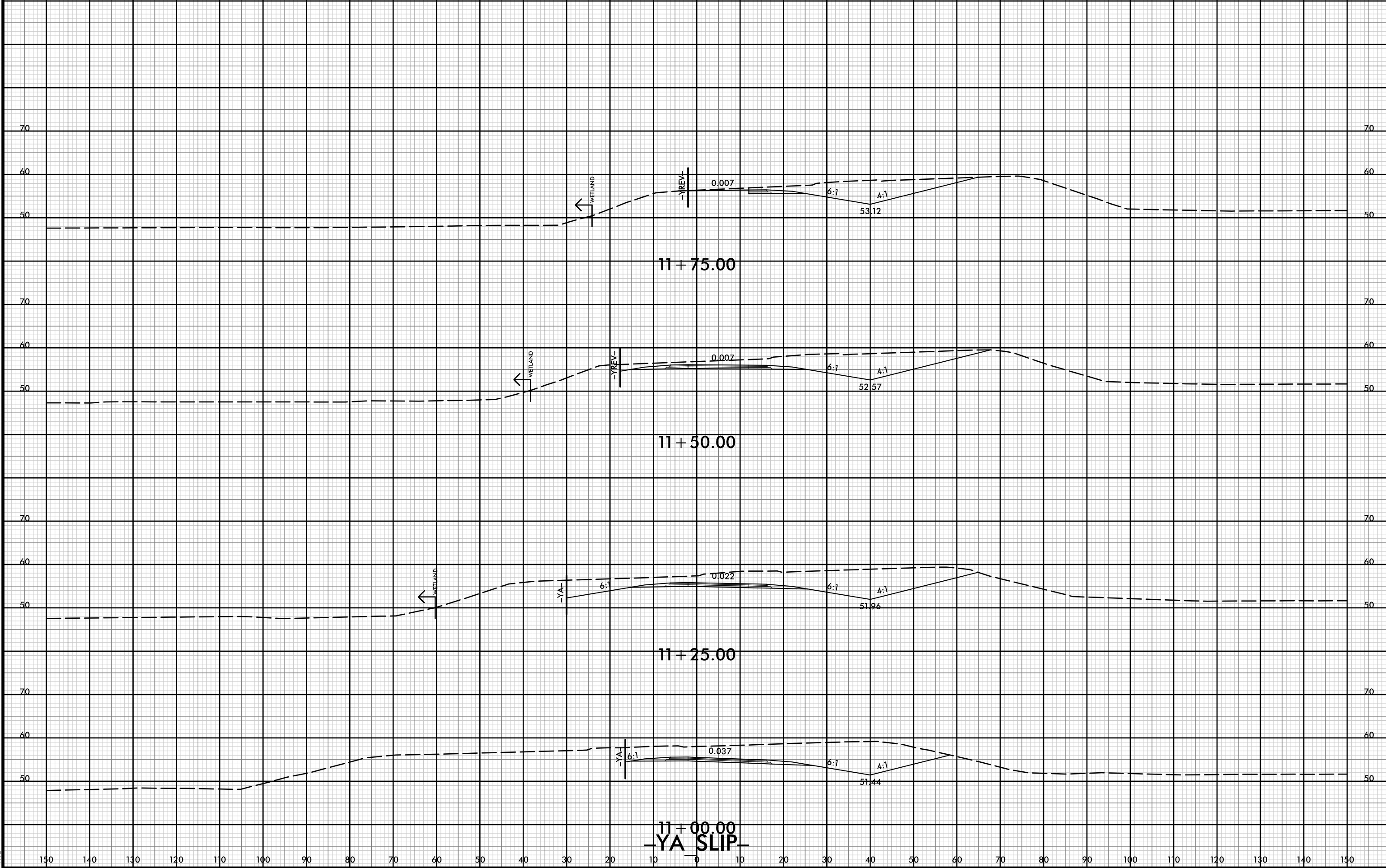
10 + 25.00

10 + 00.00

YA SLIP



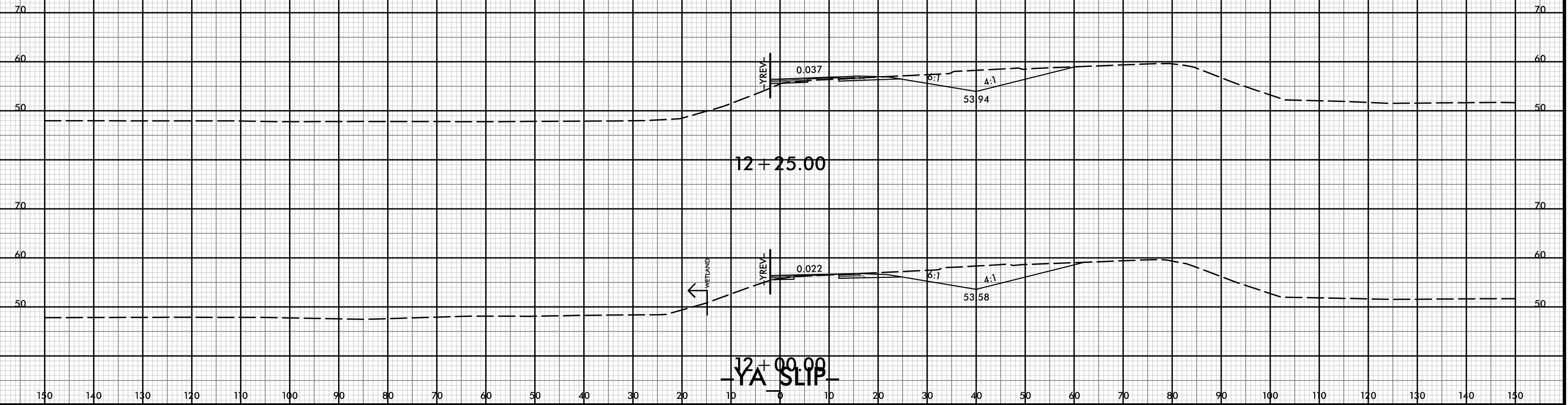
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11 + 00.00  
YA SLIP



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



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



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

60 60

50 50

40 40

11 + 50.00

43.71

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50 50

40 40

11 + 00.00

44.82

60 60

50 50

40 40

10 + 50.00

44.41

60 60

50 50

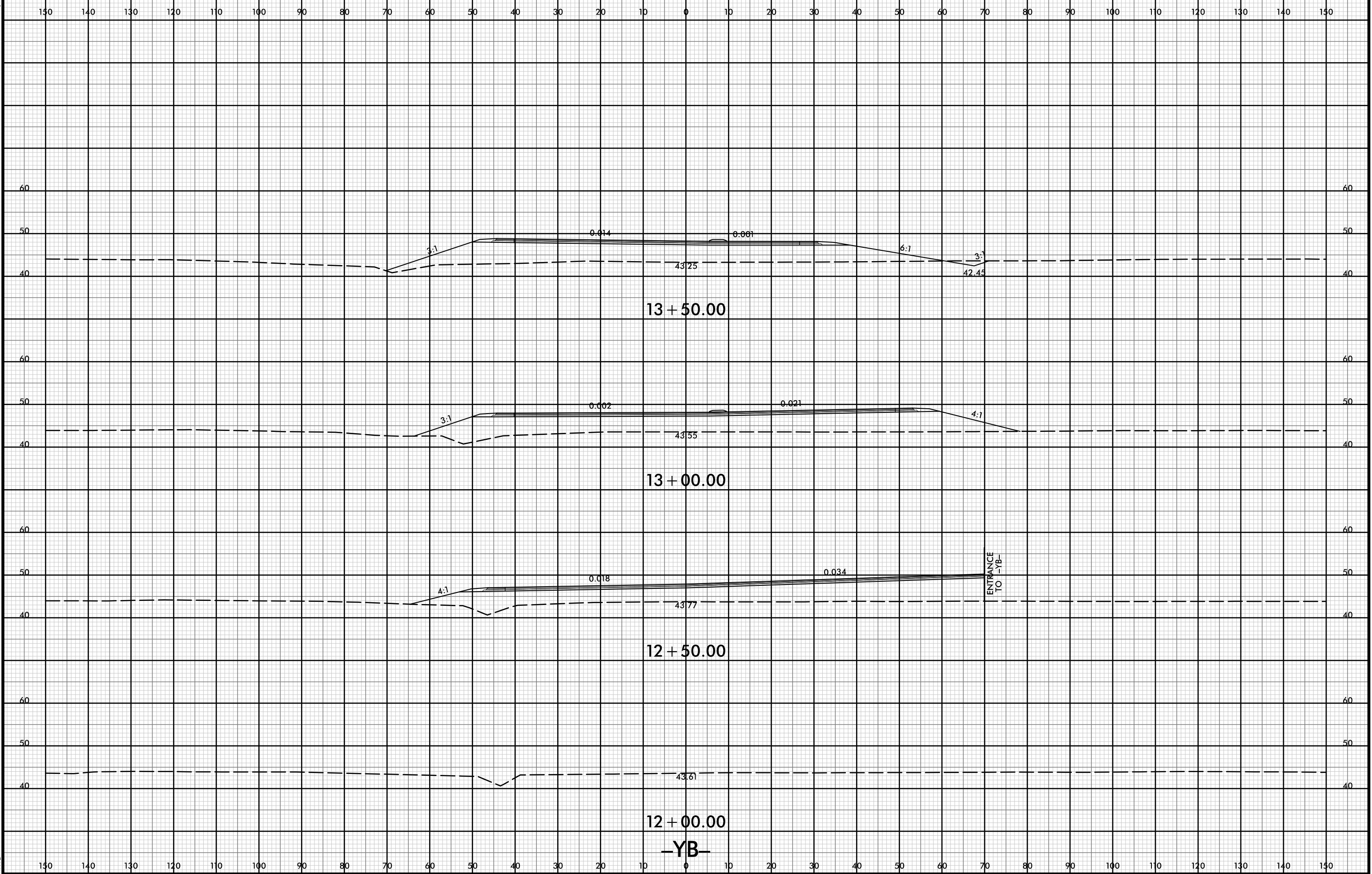
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10 + 00.00

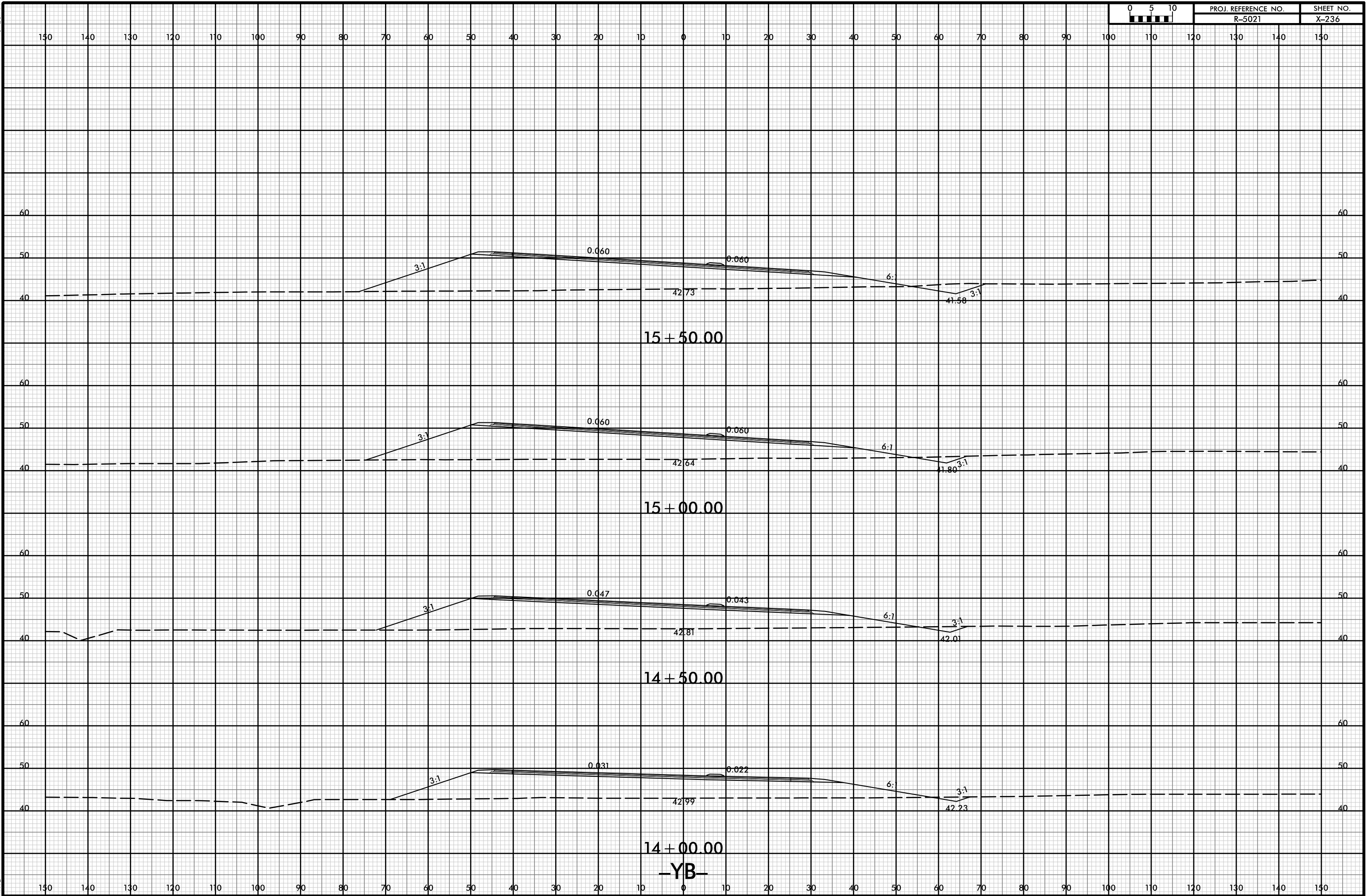
44.30

-YB-

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







-YB-