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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJ. REFERENCE NO.	SHEET NO.
U-3334B	X-1B

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station LEFT L	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)	Station LEFT L	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)	Station LEFT L	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)	Station LEFT & RIGHT L	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
16+50.00	5		1	41+00.00	104			65+50.00	12		91	87+50.00	122	27	696
17+00.00	10		5	41+50.00	122			66+00.00	5		109	88+00.00	133	39	655
17+50.00	15		9	42+00.00	150			66+50.00	5		117	88+50.00	143	48	641
18+00.00	21		10	42+50.00	158		2	67+00.00	4		55	89+00.00	144	66	608
18+50.00	33		10	43+00.00	146		5					89+50.00	150	73	591
19+00.00	60		13	43+50.00	121		9	Station LEFT L	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)	90+00.00	163	51	637
19+50.00	84		17	44+00.00	55		80					90+50.00	165	32	696
20+00.00	90		22	44+50.00			178					91+00.00	194	19	816
20+50.00	101		23	45+00.00			221	67+50.00			26	91+50.00	139	35	830
21+00.00	108		25	45+50.00			215	68+00.00			101	92+00.00	85		848
21+50.00	104		34	46+00.00			164	68+50.00	13	57	127	92+50.00	109		970
22+00.00	98		41	46+50.00	4		99	69+00.00	21	121	120	93+00.00	94		1014
22+50.00	101		39	47+00.00	17		61	69+50.00	19	108	133	93+50.00	94		1019
23+00.00	117		40	47+50.00	30		39	70+00.00	25	126	109	94+00.00	94		977
23+50.00	133		40	48+00.00	30		22	70+50.00	32	140	91	94+50.00	99		927
24+00.00	139		35	48+50.00	41		15	71+00.00	32	167	63	95+00.00	100		957
24+50.00	139		34	49+00.00	68		5	71+50.00	25	194	36	95+50.00	81		1033
25+00.00	139		30	49+50.00	81		1	72+00.00	11	95	20	96+00.00	61		1083
25+50.00	132		22	50+00.00	85		8					96+50.00	47		1119
26+00.00	117		25	50+50.00	73		18	Station LEFT & RIGHT L	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)	97+00.00	38		1154
26+50.00	105		27	51+00.00	36		30					97+50.00	44		1113
27+00.00	99		28	51+50.00	11		30					98+00.00	60		1002
27+50.00	51		18	52+00.00	7		12	72+00.00				98+50.00	73		946
28+00.00	3		2	52+50.00	14		13	72+50.00		206	303	99+00.00	66		921
				53+00.00	26		27	73+00.00		102	475	99+50.00	71		935
Station LEFT L	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)	53+50.00	26		28	73+50.00		33	599	100+00.00	86		1017
				54+00.00	14		30	74+00.00			626	100+50.00	86		1084
				54+50.00	2		47	74+50.00			664				
28+50.00	3			55+00.00			71	75+00.00			790	Station LEFT & RIGHT L	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
29+00.00	9			55+50.00			98	75+50.00			892				
29+50.00	15		14	56+00.00	2		102	76+00.00			977				
30+00.00	12		33	56+50.00	2		91	76+50.00			1096	100+50.00			
30+50.00	12		39	57+00.00			99	77+00.00			1153	101+00.00	86		1097
31+00.00	43		22	57+50.00	4		96	77+50.00			1080	101+50.00	86		1073
31+50.00	79		3	58+00.00	4		43	78+00.00			954	102+00.00	97		1044
32+00.00	70		4					78+50.00			873	102+50.00	114		1004
32+50.00	61		4	Station LEFT L	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)	79+00.00			842	103+00.00	133		970
33+00.00	71		1					79+50.00			872	103+50.00	146		943
33+50.00	63		1					80+00.00			930	104+00.00	152		907
34+00.00	34		21	58+50.00	6		1	80+50.00			931	104+50.00	162		849
34+50.00	11		43	59+00.00	22		1	81+00.00			897	105+00.00	173	3	802
35+00.00	7		50	59+50.00	30		16	81+50.00			850	105+50.00	175	6	786
35+50.00	11		53	60+00.00	20		41	82+00.00			820	106+00.00	170	9	763
36+00.00	19		51	60+50.00	12		49	82+50.00			814	106+50.00	163	15	751
36+50.00	18		53	61+00.00	14		46	83+00.00			792	107+00.00	153	17	757
37+00.00	12		52	61+50.00	22		40	83+50.00			851	107+50.00	160	21	741
37+50.00	9		50	62+00.00	34		29	84+00.00			909	108+00.00	181	33	702
38+00.00	6		59	62+50.00	33		29	84+50.00	16		906	108+50.00	192	44	678
38+50.00	10		57	63+00.00	31		56	85+00.00	46		921	109+00.00	192	45	670
39+00.00	22		38	63+50.00	37		66	85+50.00	60	176	895	109+50.00	189	45	664
39+50.00	37		19	64+00.00	32		64	86+00.00	76	4	861	110+00.00	181	47	665
40+00.00	63		6	64+50.00	26		68	86+50.00	97	9	819	110+50.00	160	45	696
40+50.00	95		1	65+00.00	22		79	87+00.00	113	18	755	111+00.00	140	46	717

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DIVISION OF HIGHWAYS

PROJ. REFERENCE NO.	SHEET NO.
U-3334B	X-1C

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

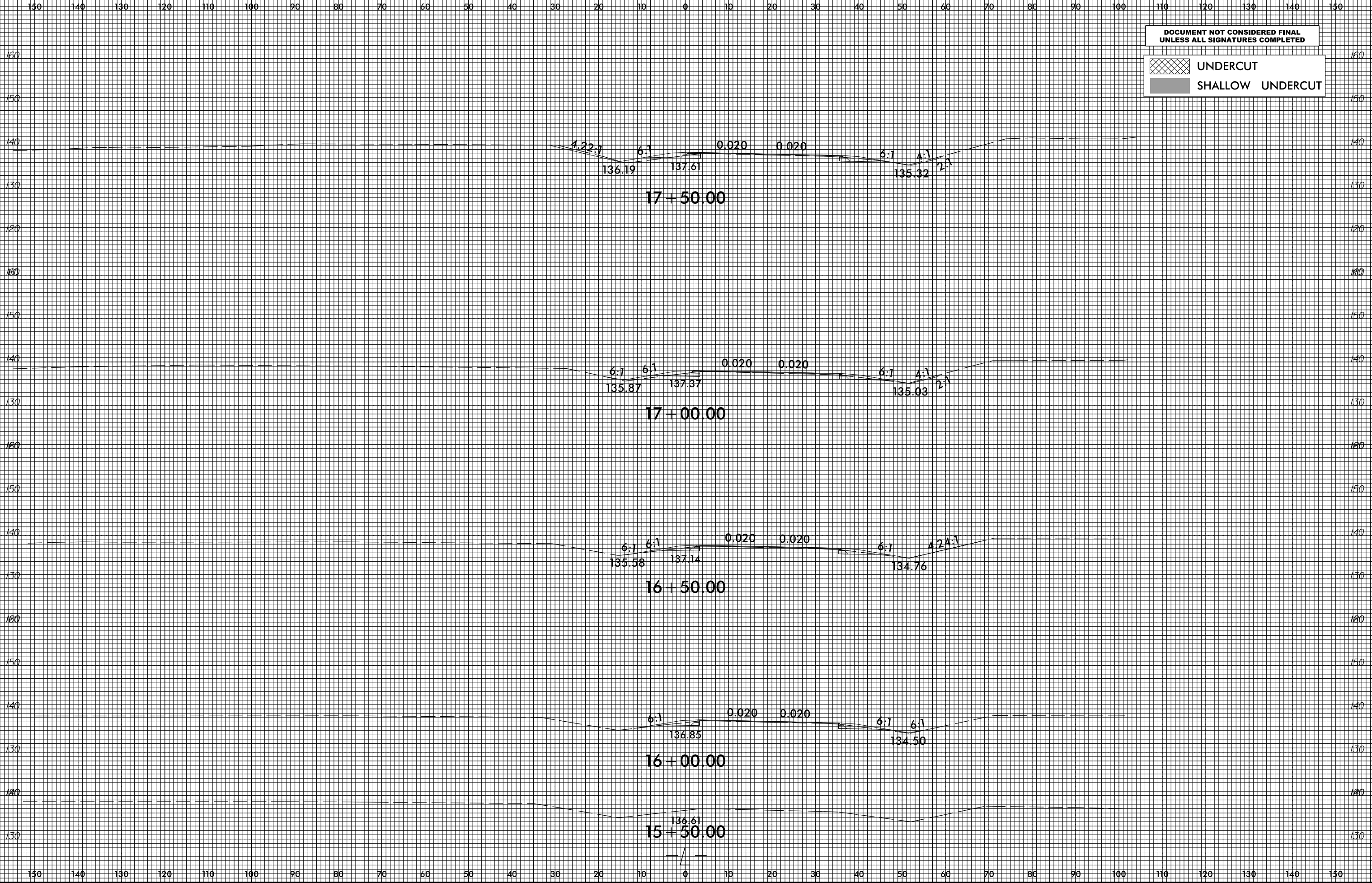
CROSS-SECTION SUMMARY

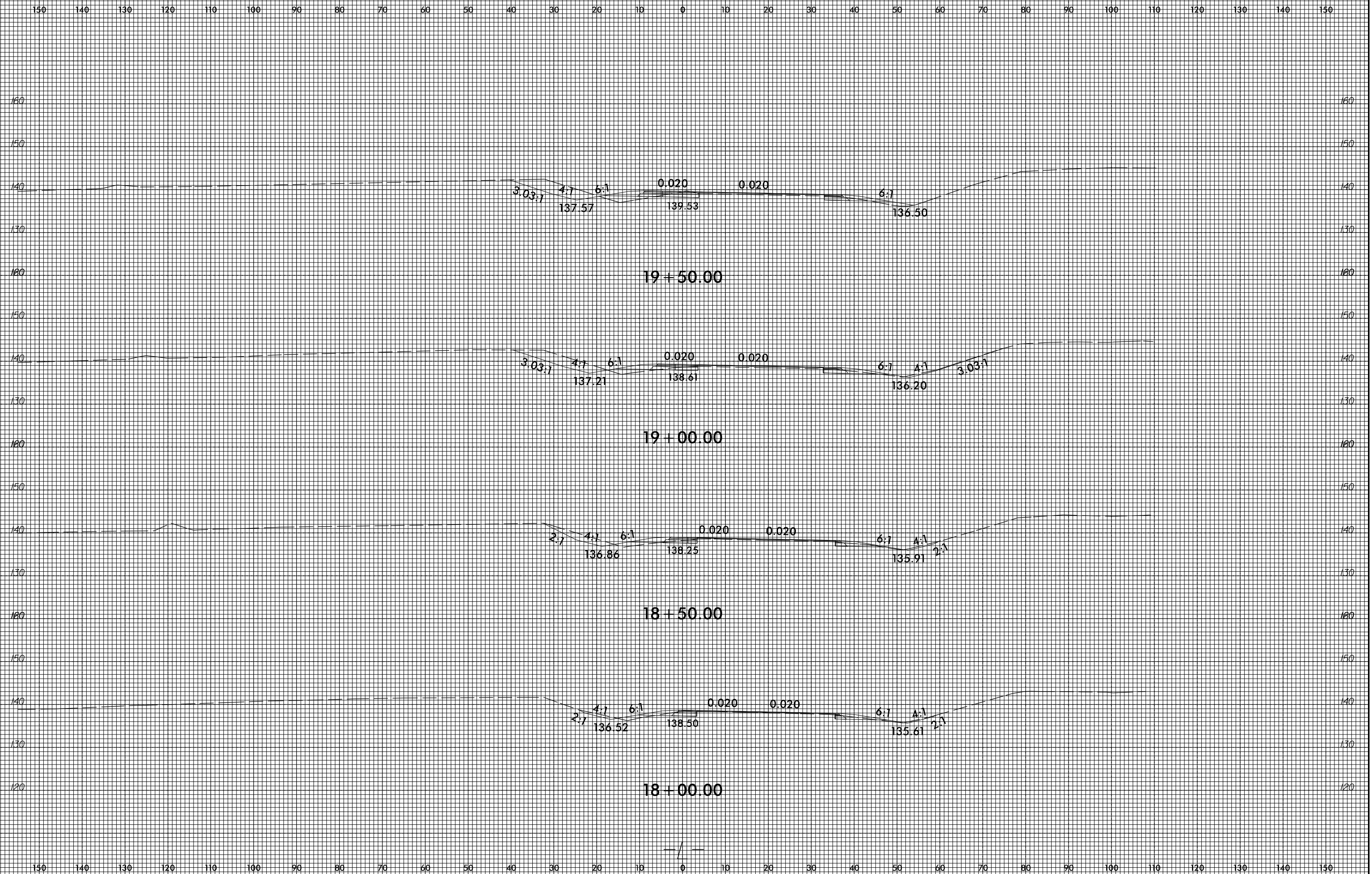
Station LEFT & RIGHT L	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)	Station LEFT Y	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)	Station Y6	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)	Station RIGHT L	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
111+50.00	134	48	714	18+50.00				12+00.00	2		37	27+00.00	17		7
112+00.00	129	47	717	19+00.00	13		9	12+50.00	3			27+50.00	8		
112+50.00	116	40	740					12+75.00	1			28+00.00	3		
113+00.00	111	38	745	Station	Uncl. Exc.	Undercut	Embt	Station	Uncl. Exc.	Undercut	Embt	Station	Uncl. Exc.	Undercut	Embt
113+50.00	118	51	720	Y1	(cu. yd.)	(cu. yd.)	(cu. yd.)	Y8	(cu. yd.)	(cu. yd.)	(cu. yd.)	RIGHT	(cu. yd.)	(cu. yd.)	(cu. yd.)
114+00.00	112	68	670									L	(cu. yd.)	(cu. yd.)	(cu. yd.)
114+50.00	121	88	589	11+00.00				15+00.00	7		3	28+50.00	13		29
115+00.00	174	122	480	11+34.46	6		38	15+50.00	31		31	29+00.00	26		64
115+50.00	251	190	334	Station	Uncl. Exc.	Undercut	Embt	16+00.00	40		25	29+50.00	26		77
116+00.00	243	240	244	Y2	(cu. yd.)	(cu. yd.)	(cu. yd.)	16+50.00	33		8	30+00.00	21		85
116+50.00	228	245	233					17+00.00	7		5	30+50.00	17		80
117+00.00	268		369	10+20.00								31+00.00	16		77
117+50.00	356		481	10+50.00	8		4	Station	Uncl. Exc.	Undercut	Embt	31+50.00	14		56
118+00.00	228		344	11+00.00	25		33	Drw1	(cu. yd.)	(cu. yd.)	(cu. yd.)	32+00.00	11		58
118+50.00	15		196	11+02.15	1		2					32+50.00	12		80
119+00.00	8		624					10+80.00				33+00.00	14		78
119+50.00	35		888	Station	Uncl. Exc.	Undercut	Embt	11+00.00			135	33+50.00	15		89
120+00.00	78		697	Y3	(cu. yd.)	(cu. yd.)	(cu. yd.)	11+20.00	3		78	34+00.00	15		91
120+50.00	110		790					11+40.00	17		41	34+50.00	14		79
121+00.00	143		645	13+50.00	4		5					35+00.00	16		54
121+50.00	216		374	13+91.65	6		8	Station	Uncl. Exc.	Undercut	Embt	35+50.00	18		47
122+00.00	243		332					Drw2	(cu. yd.)	(cu. yd.)	(cu. yd.)	36+00.00	17		70
122+50.00	213		223	Station	Uncl. Exc.	Undercut	Embt	10+50.00				36+50.00	14		62
				Y5	(cu. yd.)	(cu. yd.)	(cu. yd.)	10+75.00	21		291	37+00.00	9		31
Station	Uncl. Exc.	Undercut	Embt					11+00.00	82		3	37+50.00	9		25
LEFT	(cu. yd.)	(cu. yd.)	(cu. yd.)	10+50.00			173	11+25.00	107		3	38+00.00	10		42
L				11+00.00			864					38+50.00	12		59
	33		23	11+50.00			467	Station	Uncl. Exc.	Undercut	Embt	39+00.00	11		73
123+00.00	91		31	12+00.00			375	RIGHT	(cu. yd.)	(cu. yd.)	(cu. yd.)	39+50.00	10		72
123+50.00	134		9	12+50.00			325	L				40+00.00	11		61
124+00.00	181			13+00.00			293					40+50.00	14		55
124+50.00	195		3	13+50.00			243	16+50.00	5		1	41+00.00	15		50
125+00.00	144		3	14+00.00			194	17+00.00	12		1	41+50.00	16		46
125+50.00	113		3	14+50.00	7		214	17+50.00	15		1	42+00.00	16		51
126+00.00	179		3	15+00.00	16		238	18+00.00	15		1	42+50.00	15		60
126+50.00	184		3	15+50.00	17		249	18+50.00	15		1	43+00.00	15		58
127+00.00	64		3	16+00.00	14		274	19+00.00	18		2	43+50.00	16		58
				16+50.00	11		299	19+50.00	16		6	44+00.00	17		61
Station	Uncl. Exc.	Undercut	Embt	17+00.00	11		273	20+00.00	13		8	44+50.00	16		63
RIGHT	(cu. yd.)	(cu. yd.)	(cu. yd.)	17+50.00	11		206	20+50.00	11		8	45+00.00	16		66
L															
			61	18+00.00	19		118	21+00.00	12		7	45+50.00	16		64
123+00.00			159	18+50.00	30		38	21+50.00	11		7	46+00.00	12		44
123+50.00	2		122	19+00.00	46		21	22+00.00	10		11	46+50.00	7		18
124+00.00	6		71	19+50.00	62		14	22+50.00	12		14	47+00.00	11		32
124+50.00	12		69	20+00.00	46		22	23+00.00	11		11	47+50.00	15		48
125+00.00	24		22					23+50.00	10		9	48+00.00	17		43
125+50.00	49		3	Station	Uncl. Exc.	Undercut	Embt	24+00.00	11		12	48+50.00	16		47
126+00.00	76		3	Y6	(cu. yd.)	(cu. yd.)	(cu. yd.)	24+50.00	12		20	49+00.00	18		53
126+50.00	124		3					25+00.00	17		19	49+50.00	20		55
127+00.00	159			10+50.00	3		41	25+50.00	21		14	50+00.00	21		53
127+50.00	78			11+00.00	15		102	26+00.00	17		16	50+50.00	22		48
				11+50.00	11		74	26+50.00	19		15	51+00.00	22		46

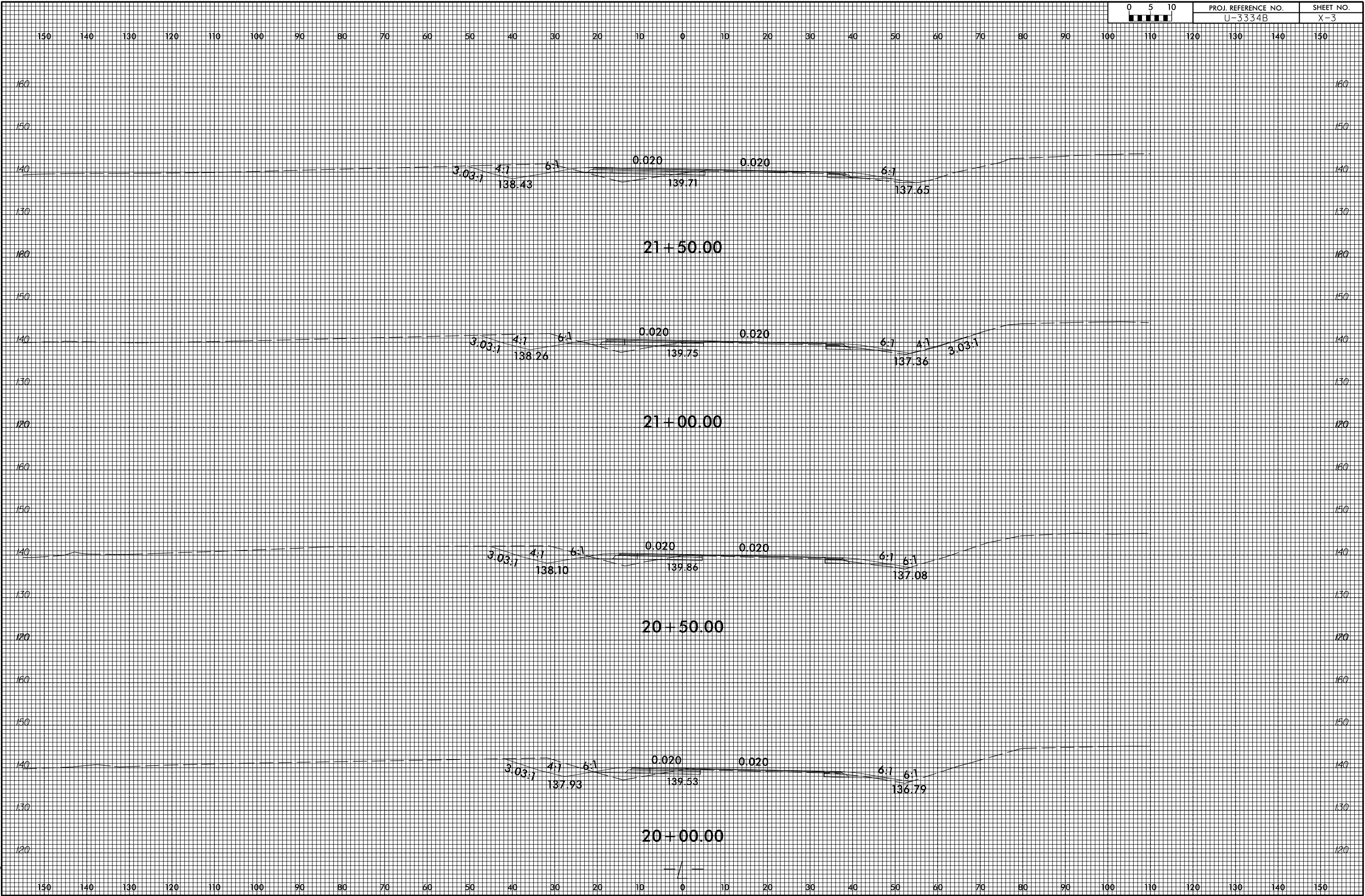


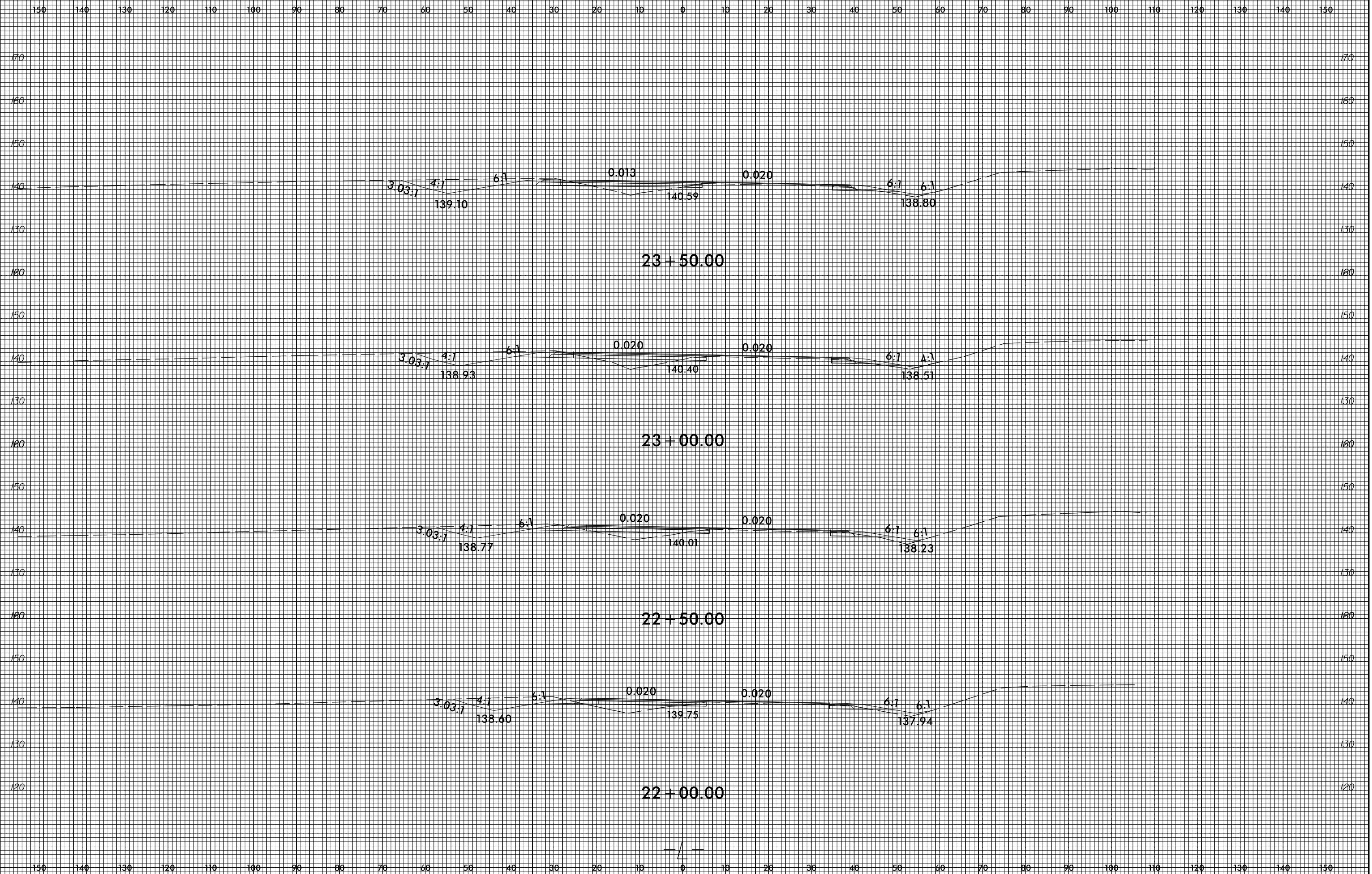
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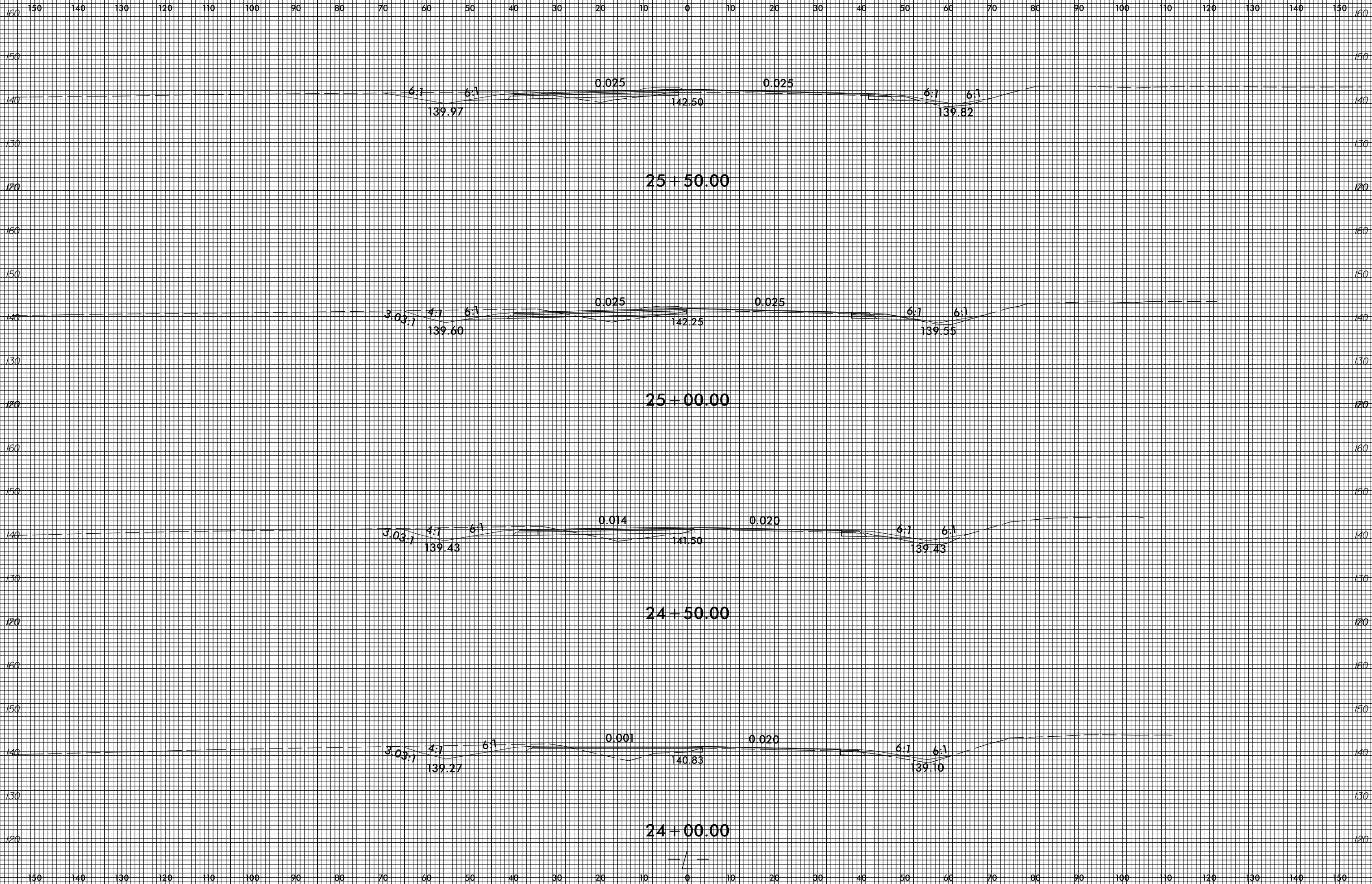
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 SHALLOW UNDERCUT

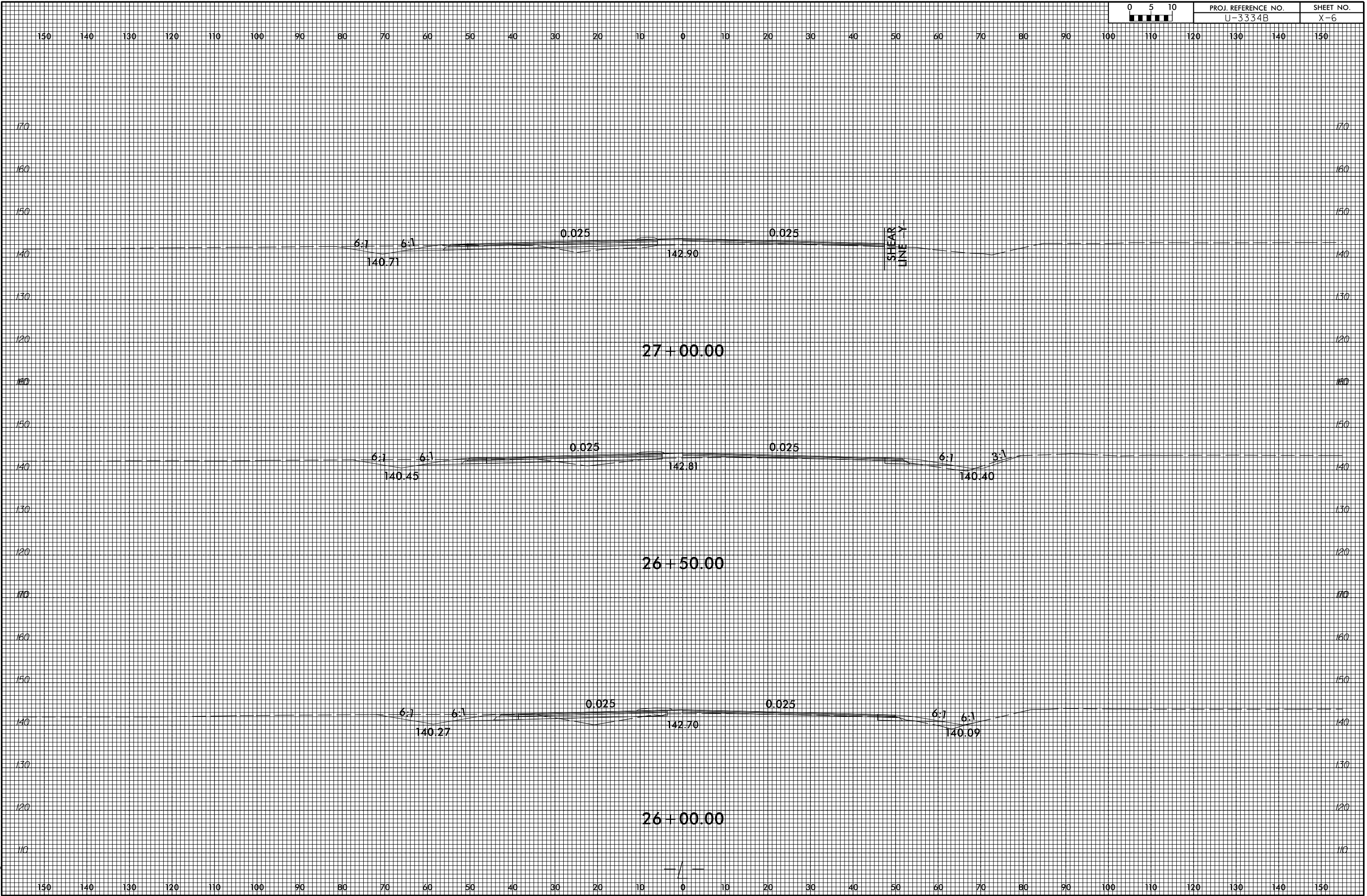


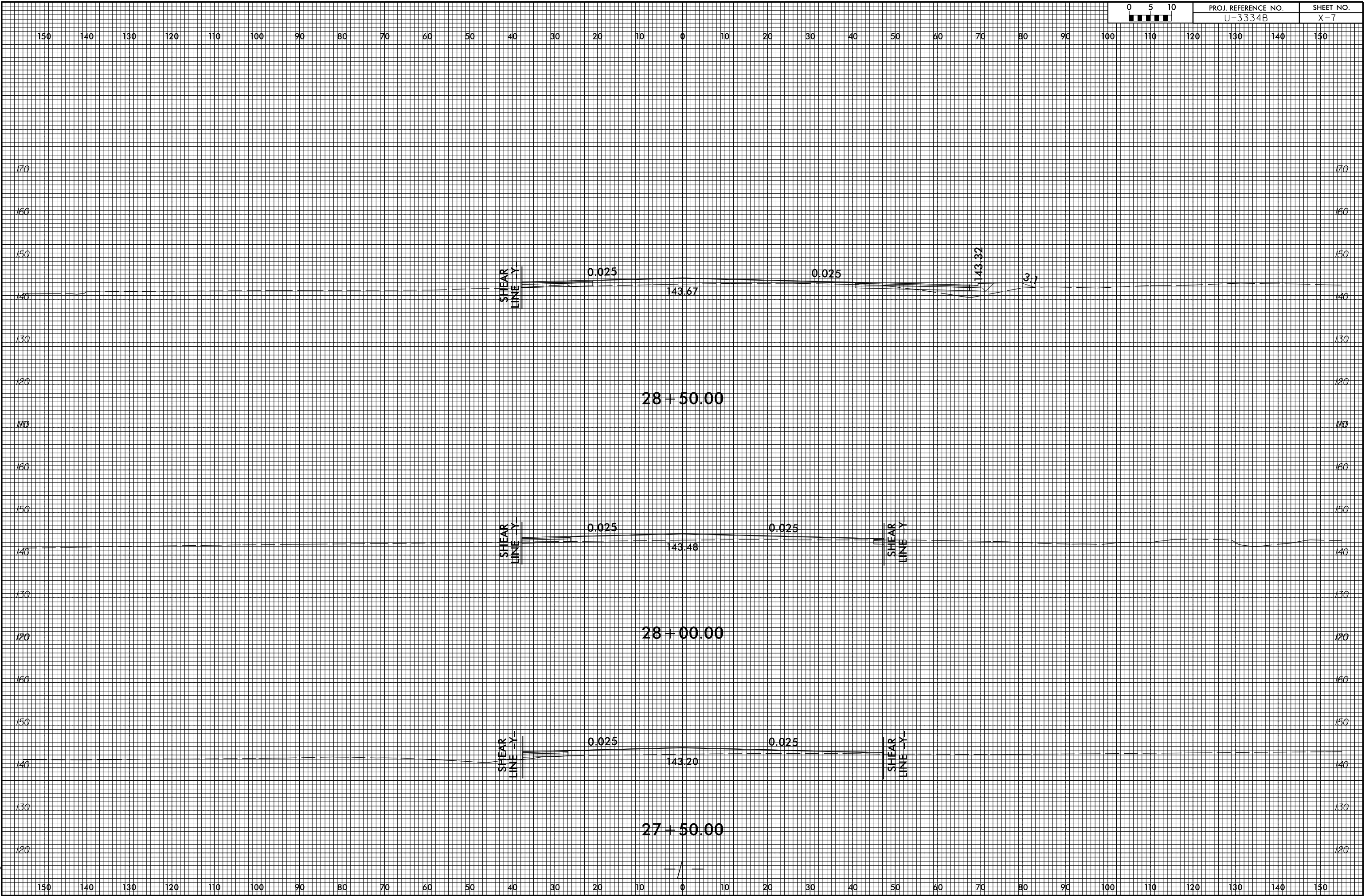


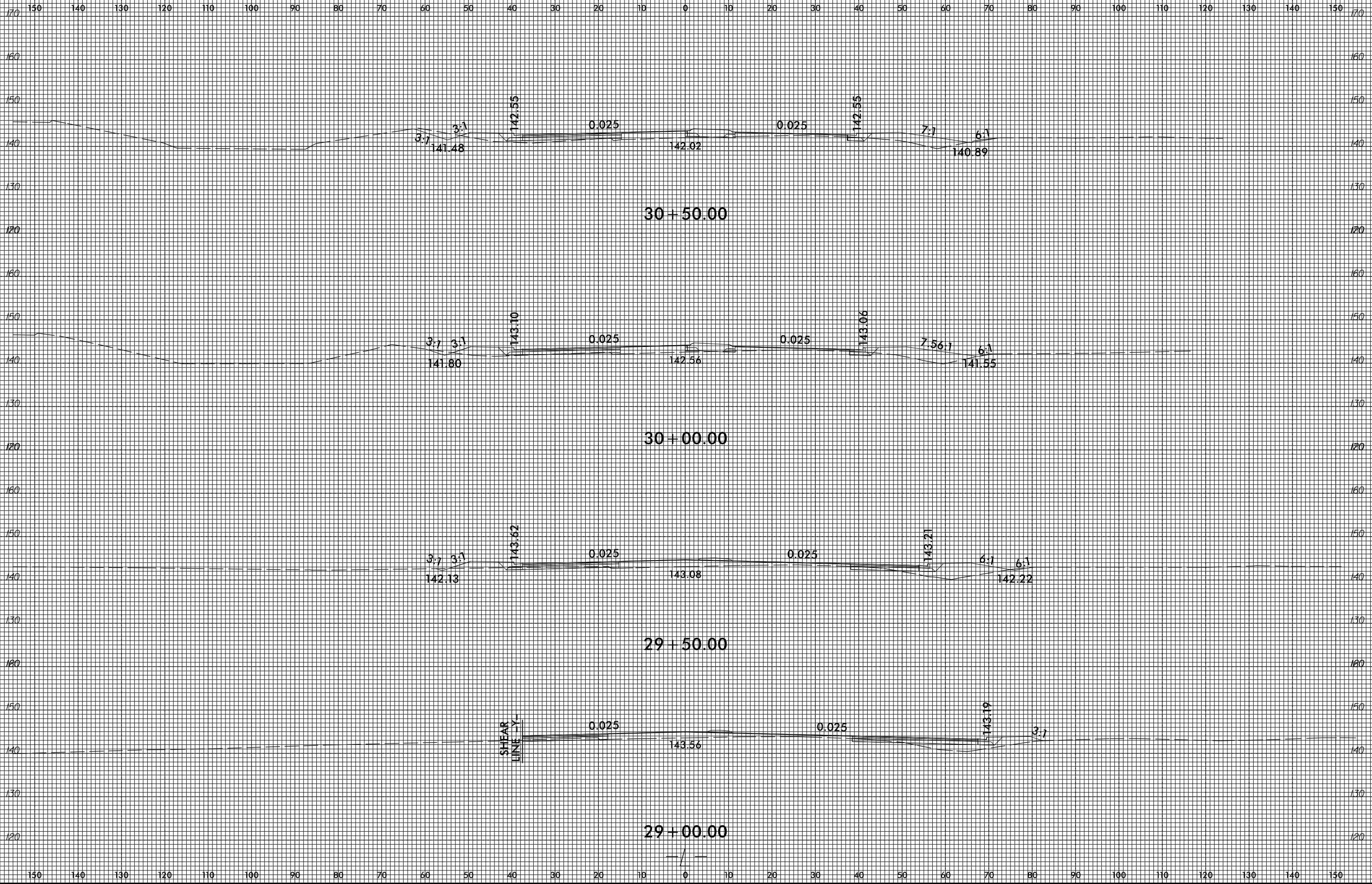


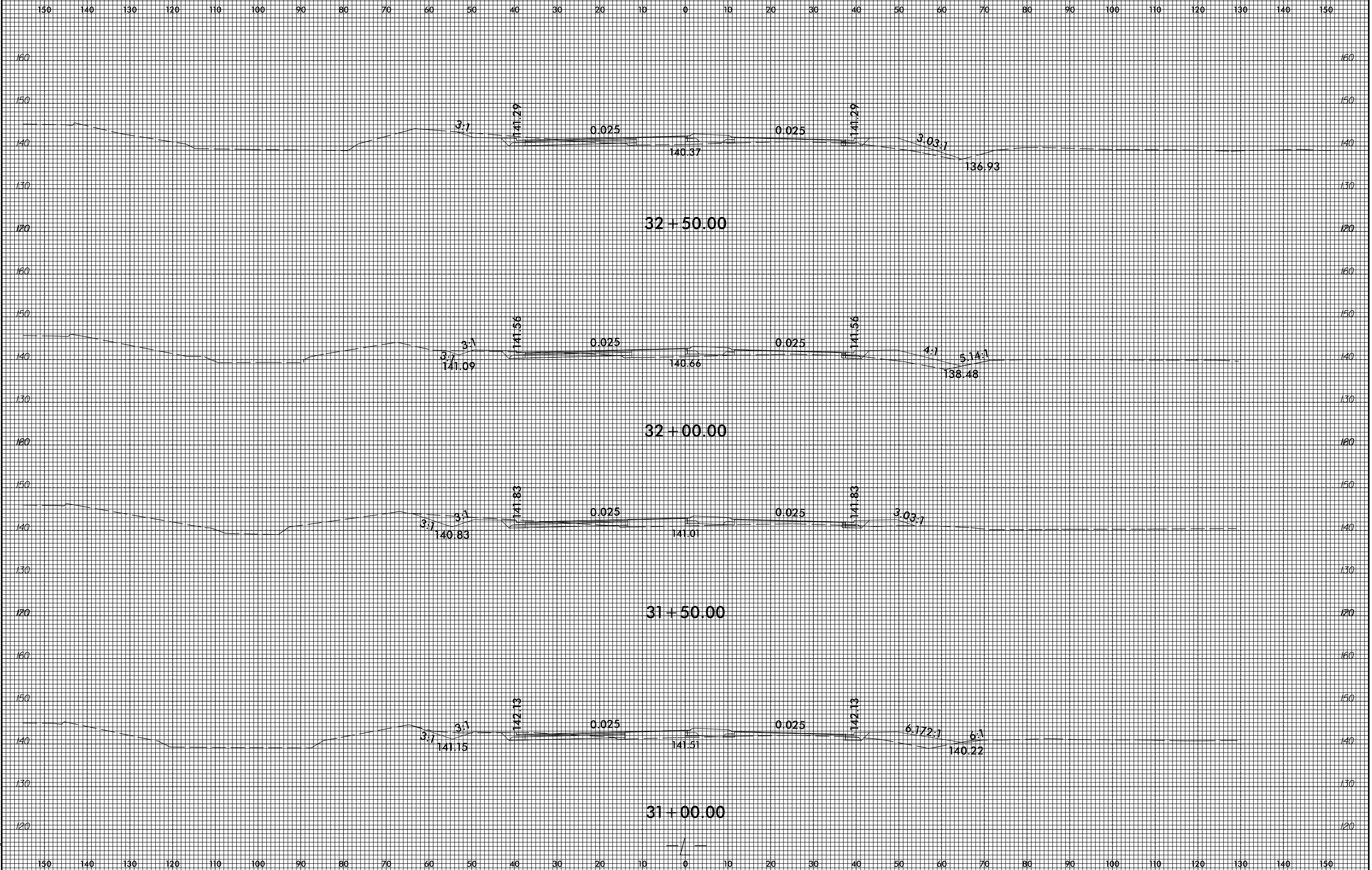


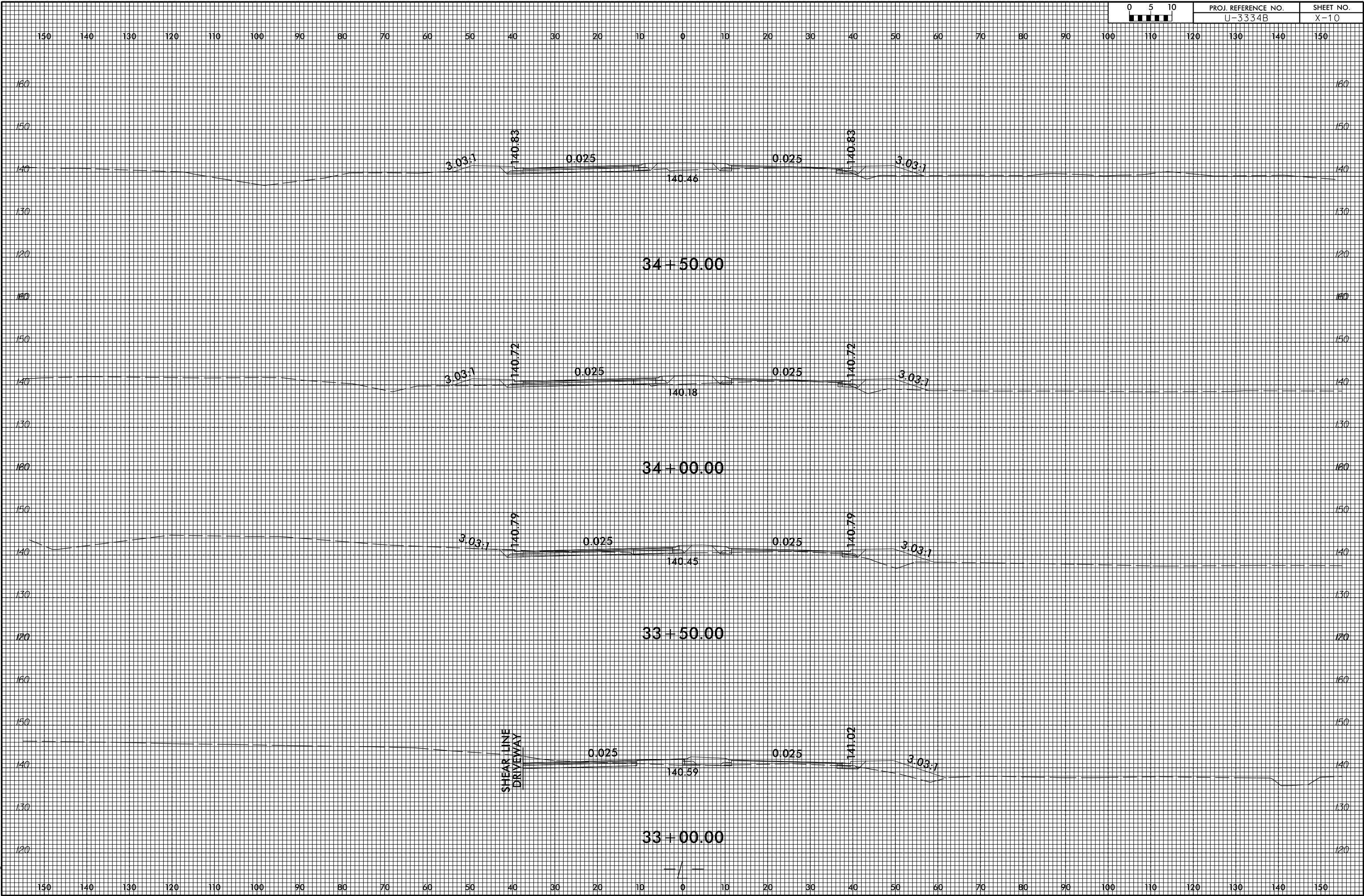


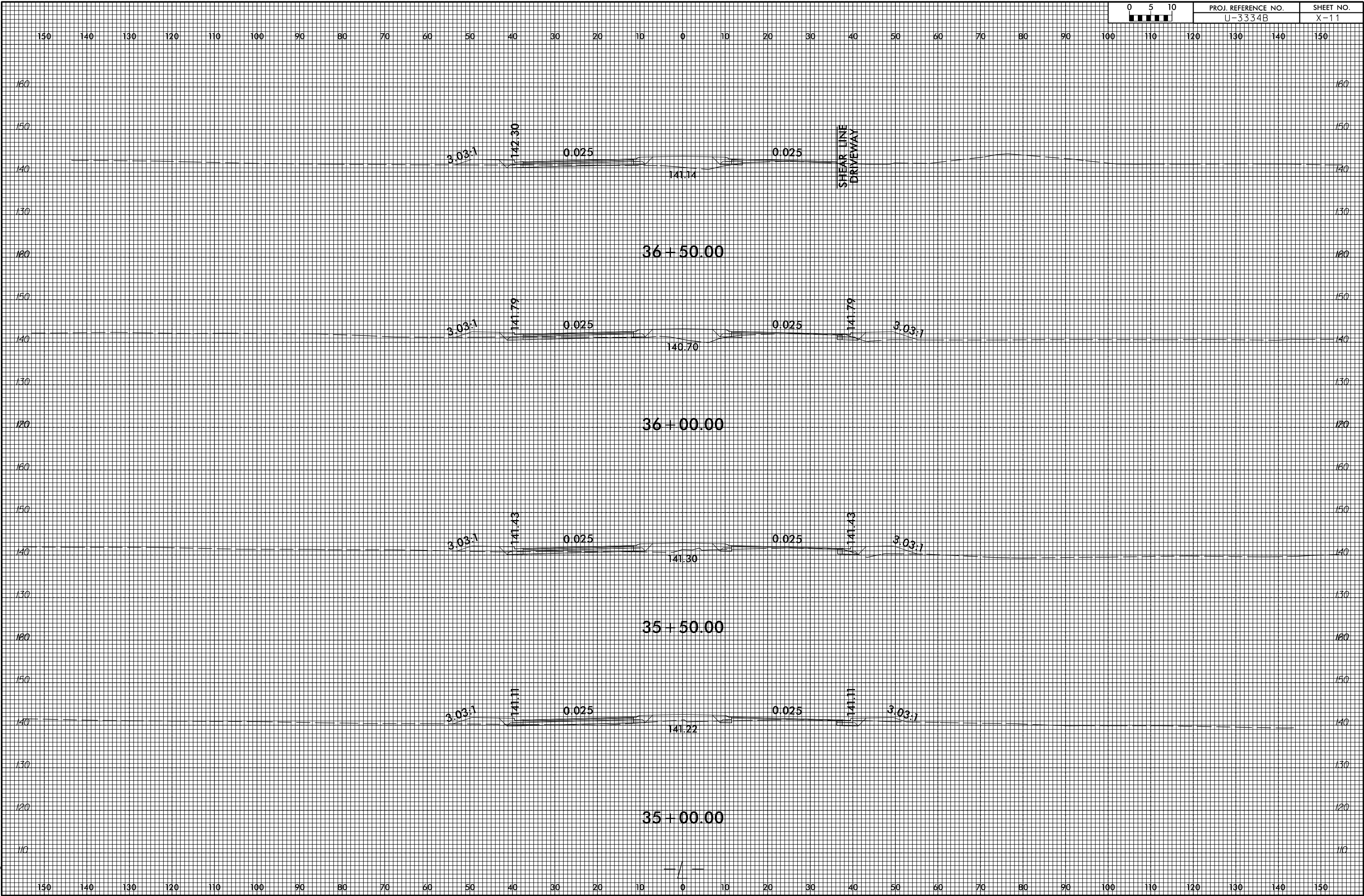


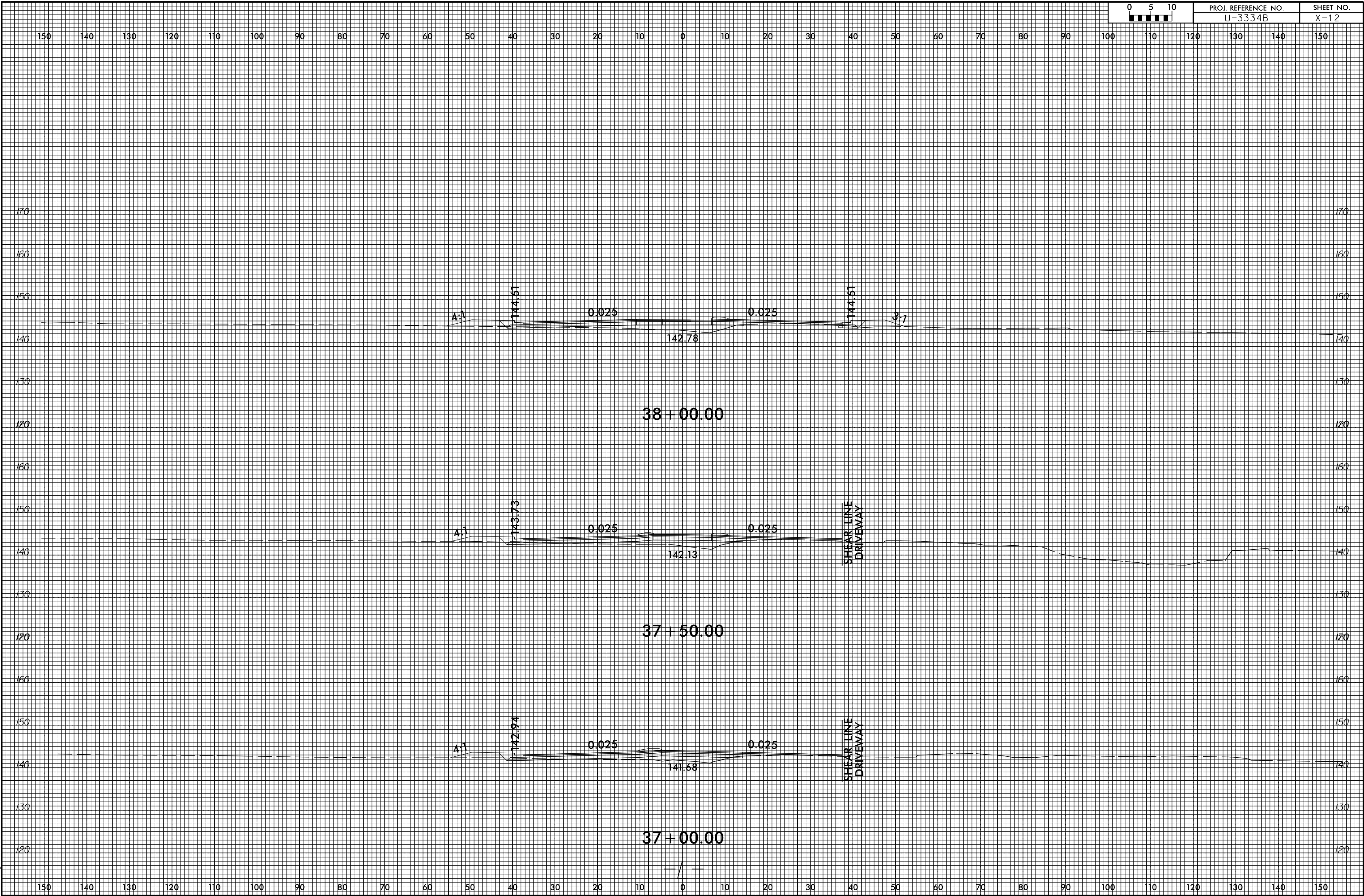


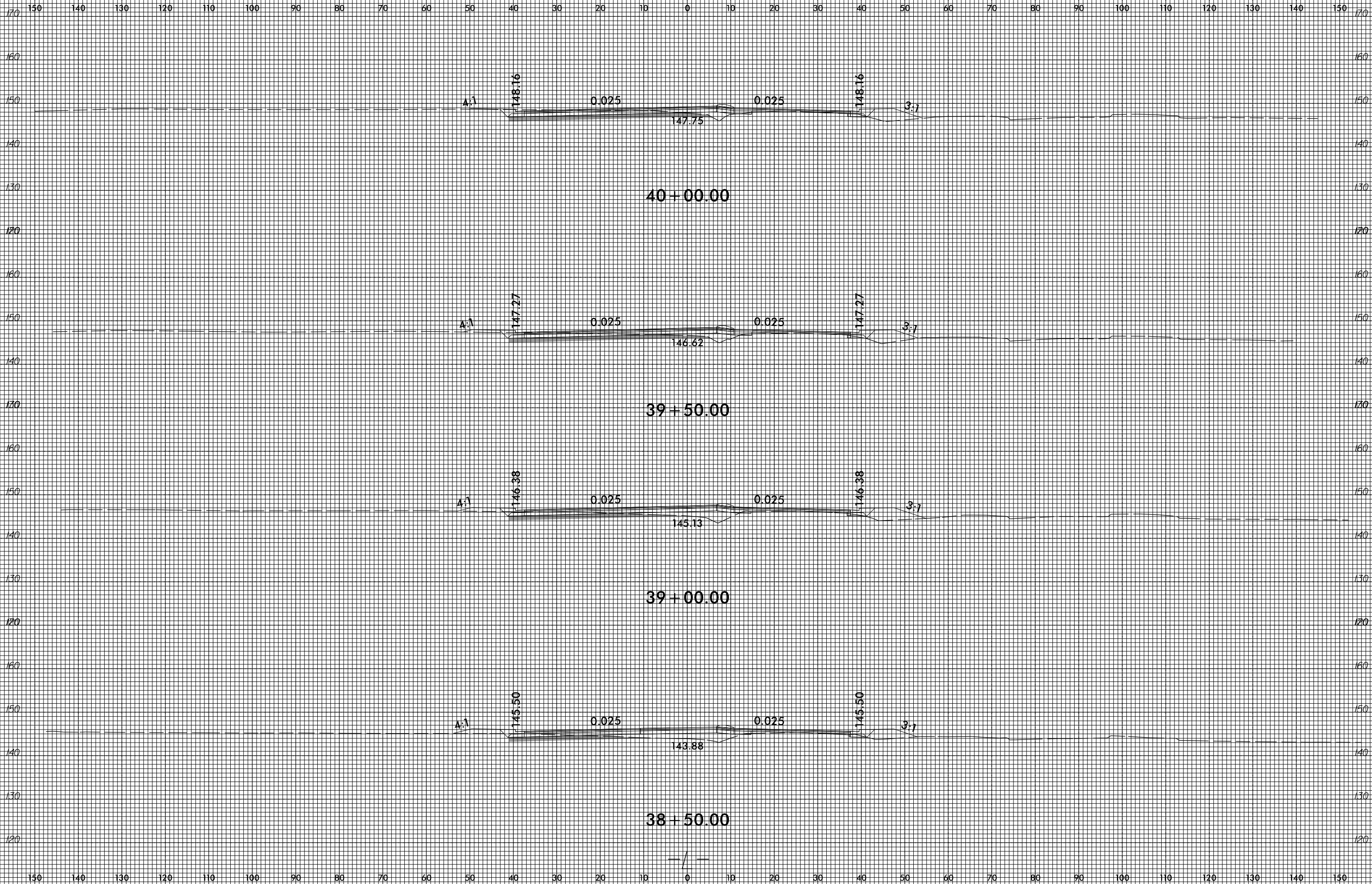


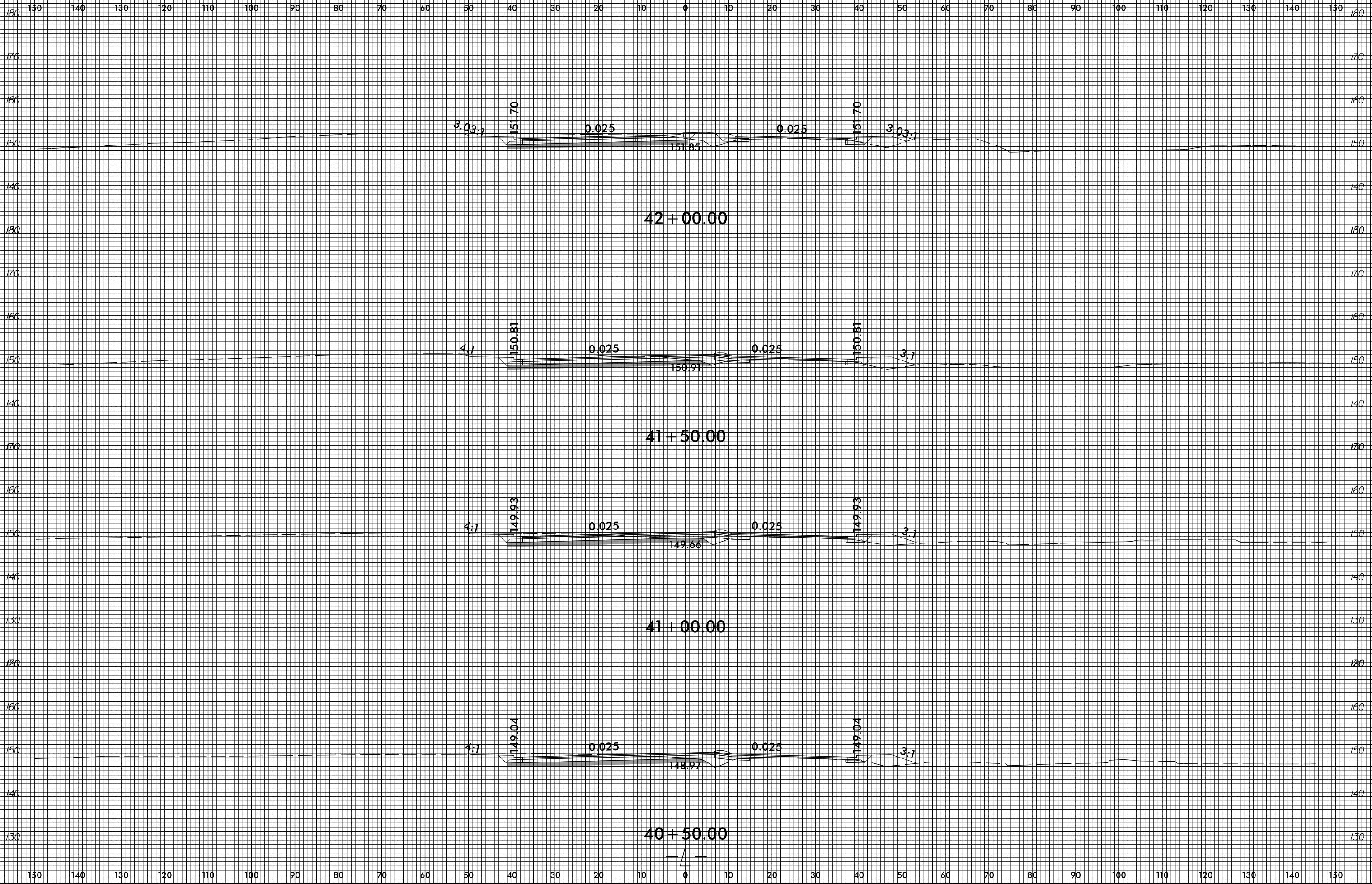




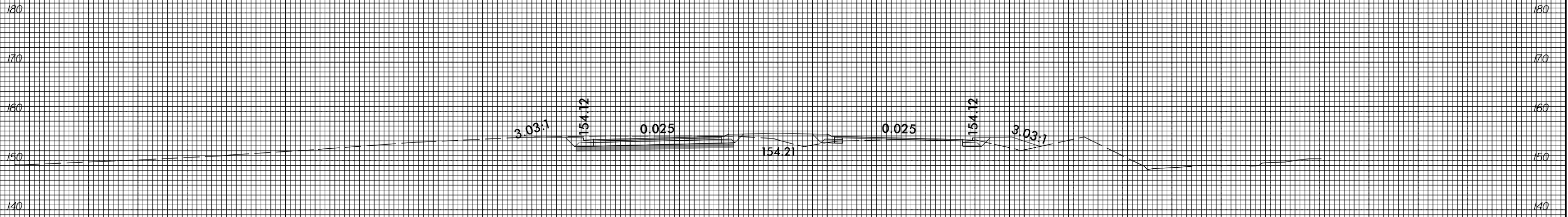




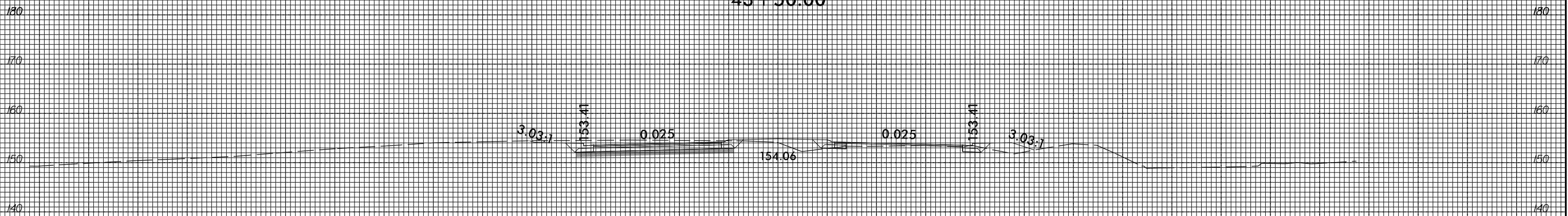




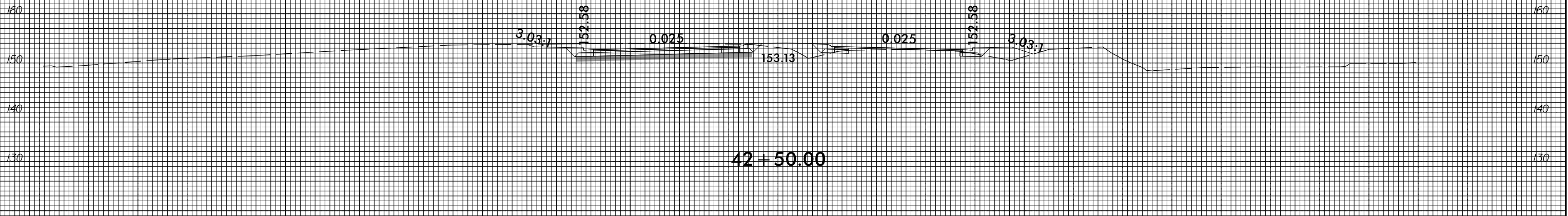
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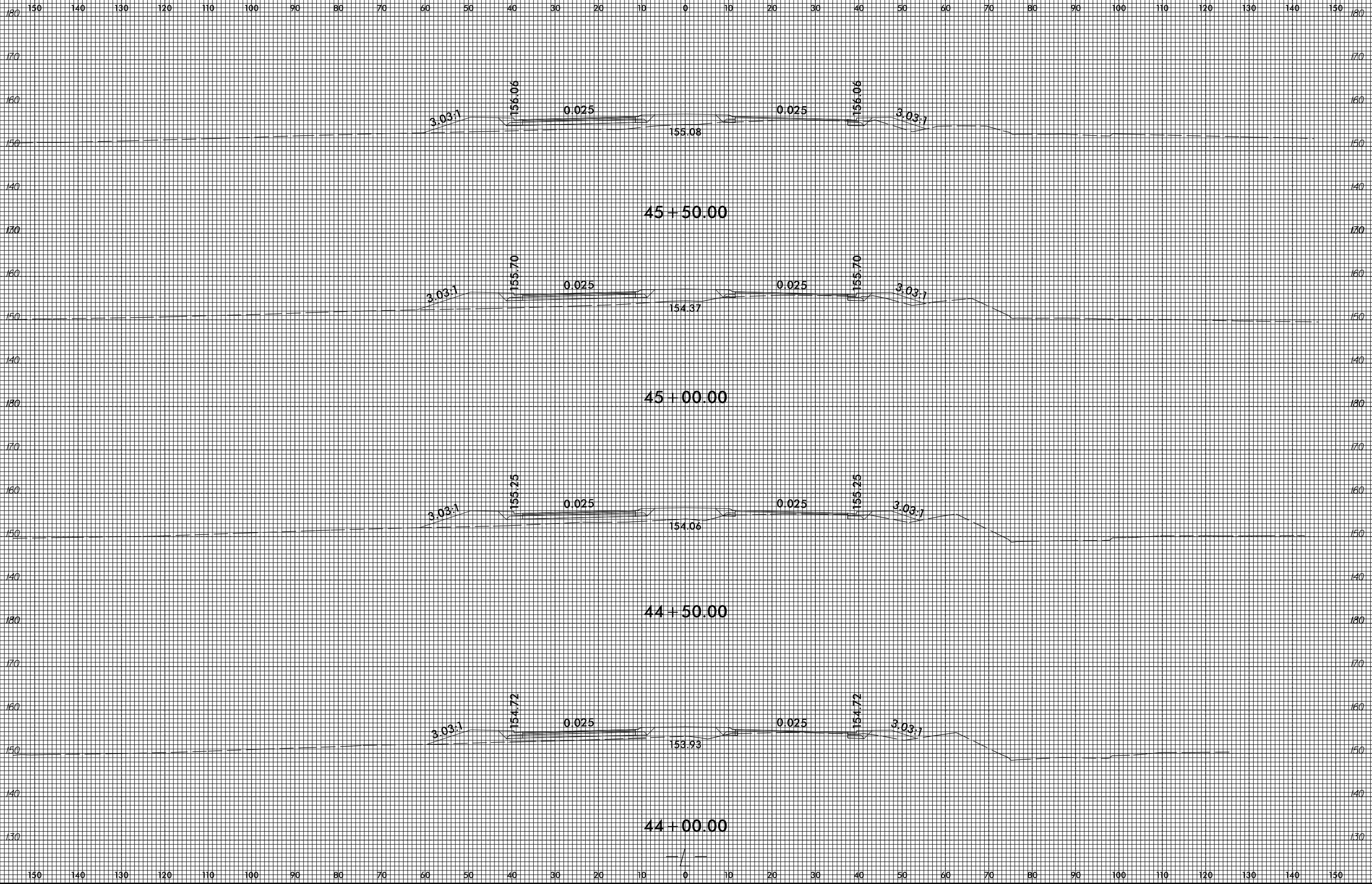


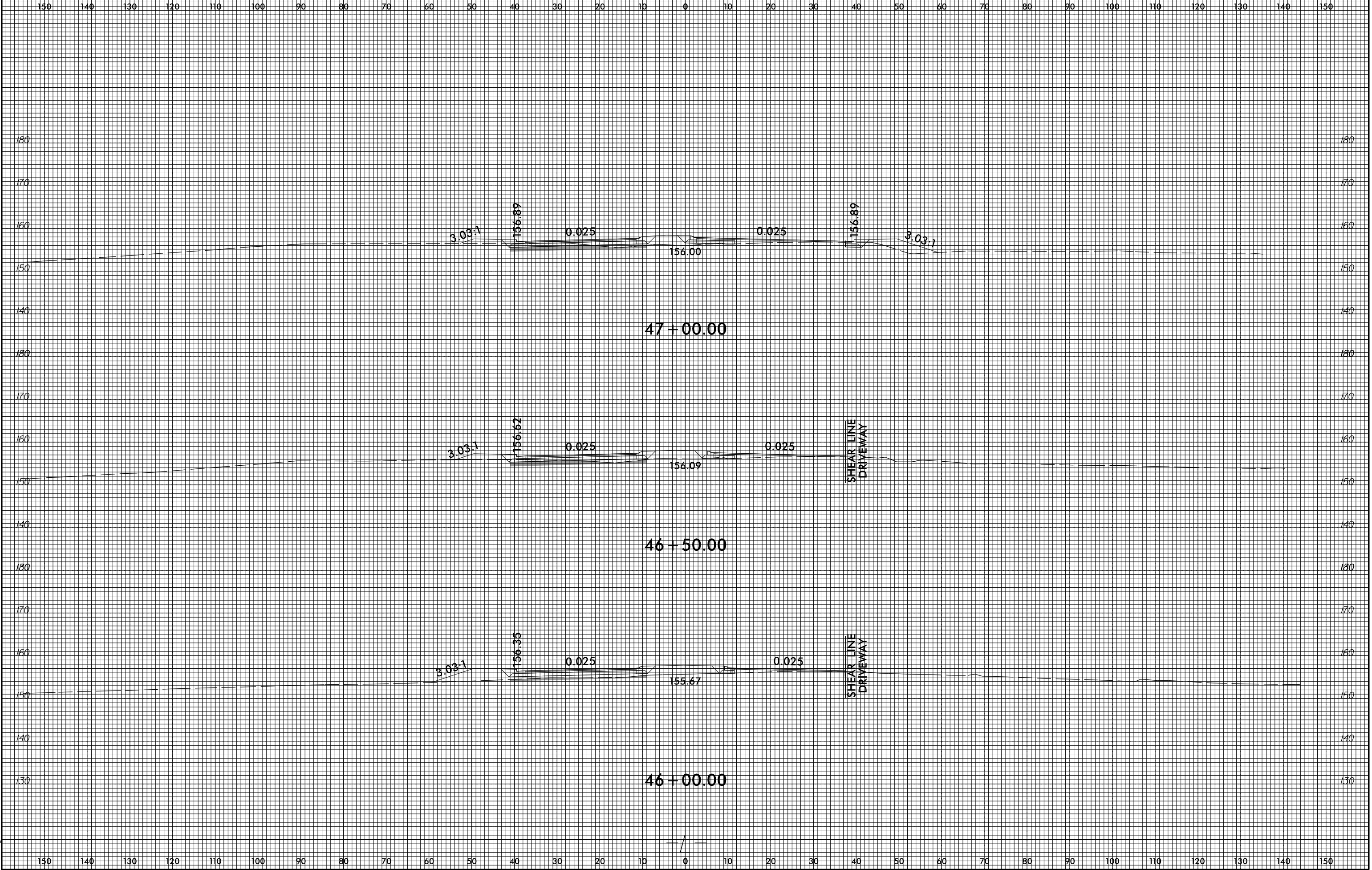
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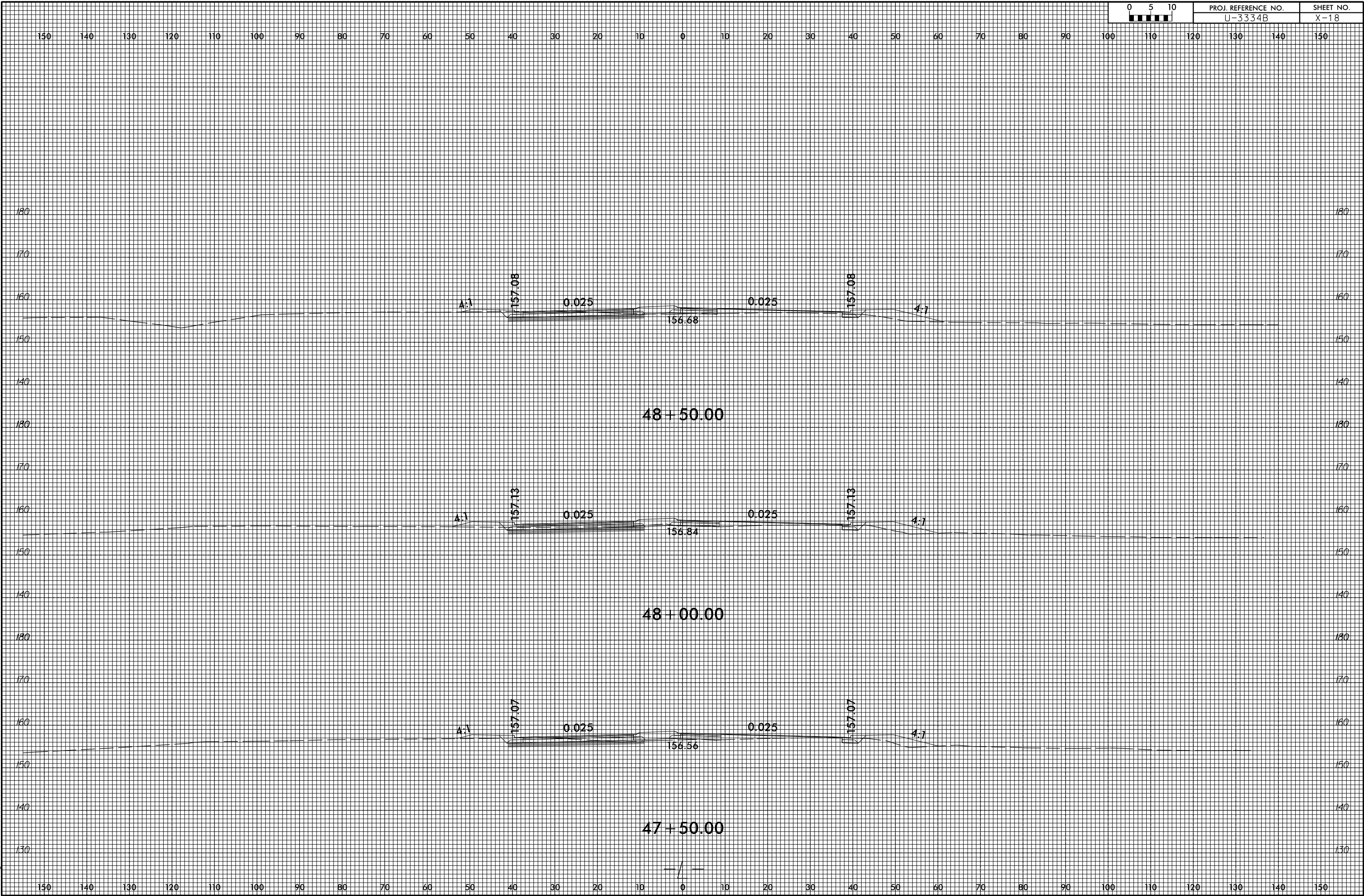


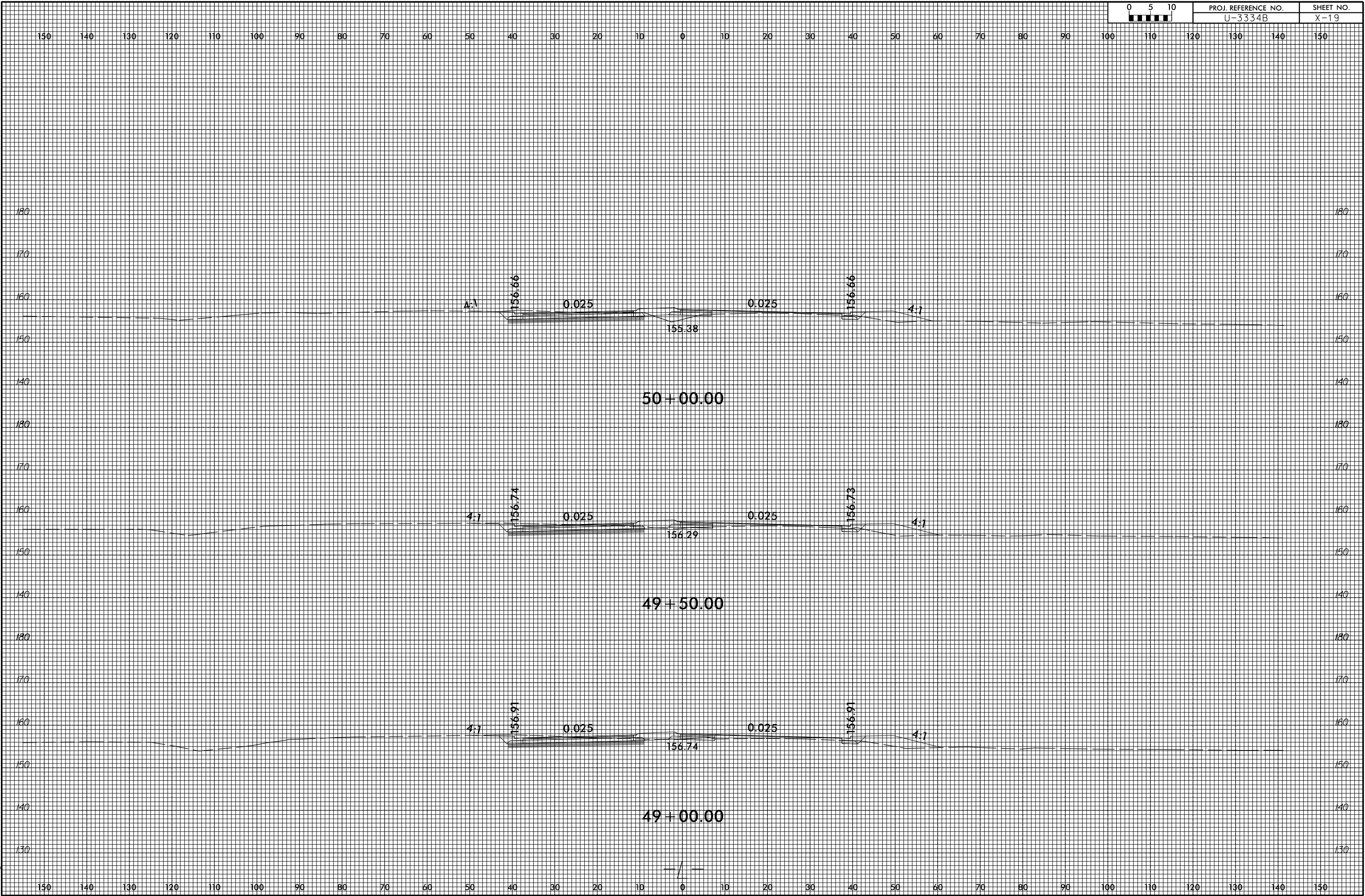
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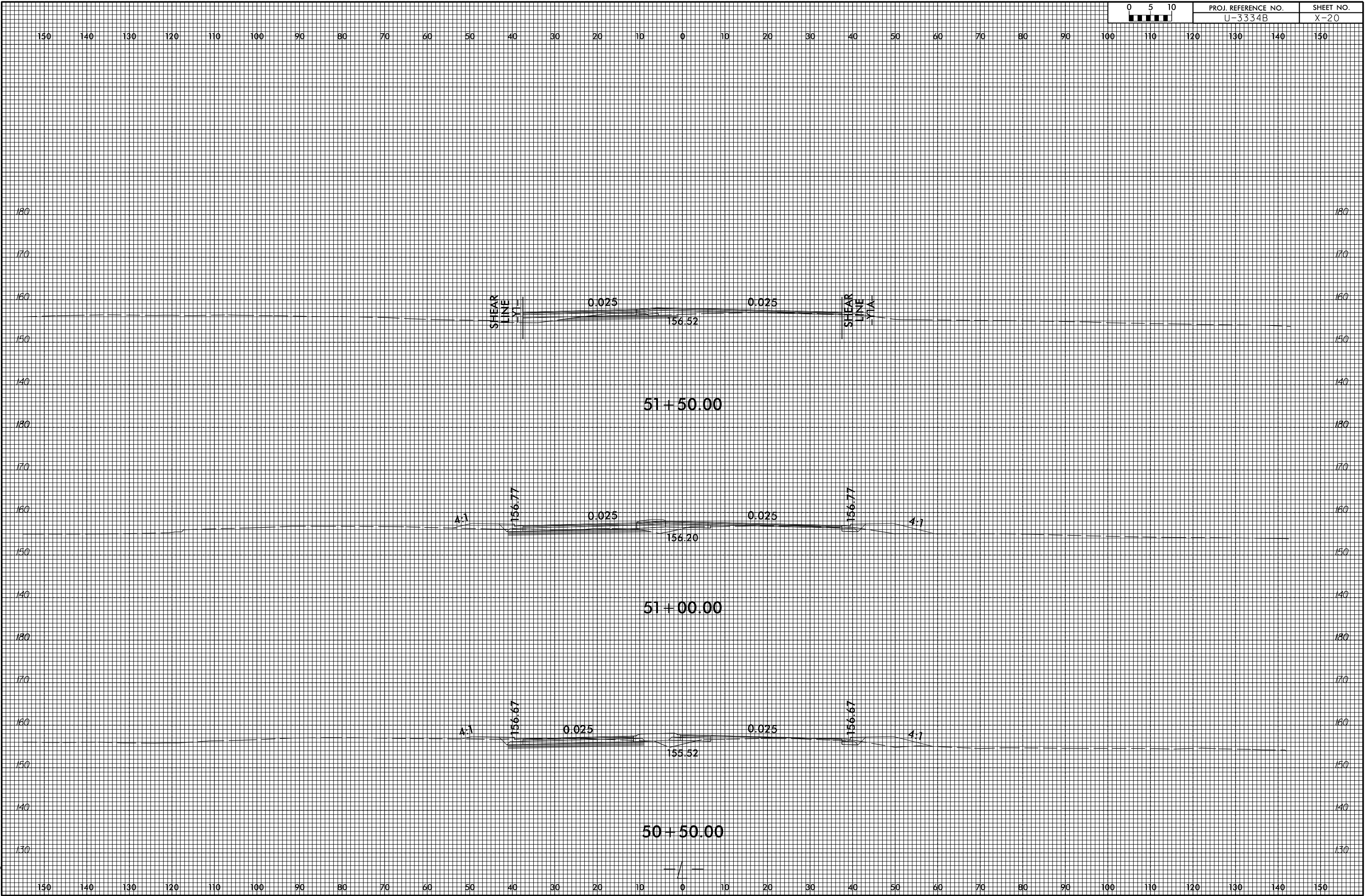
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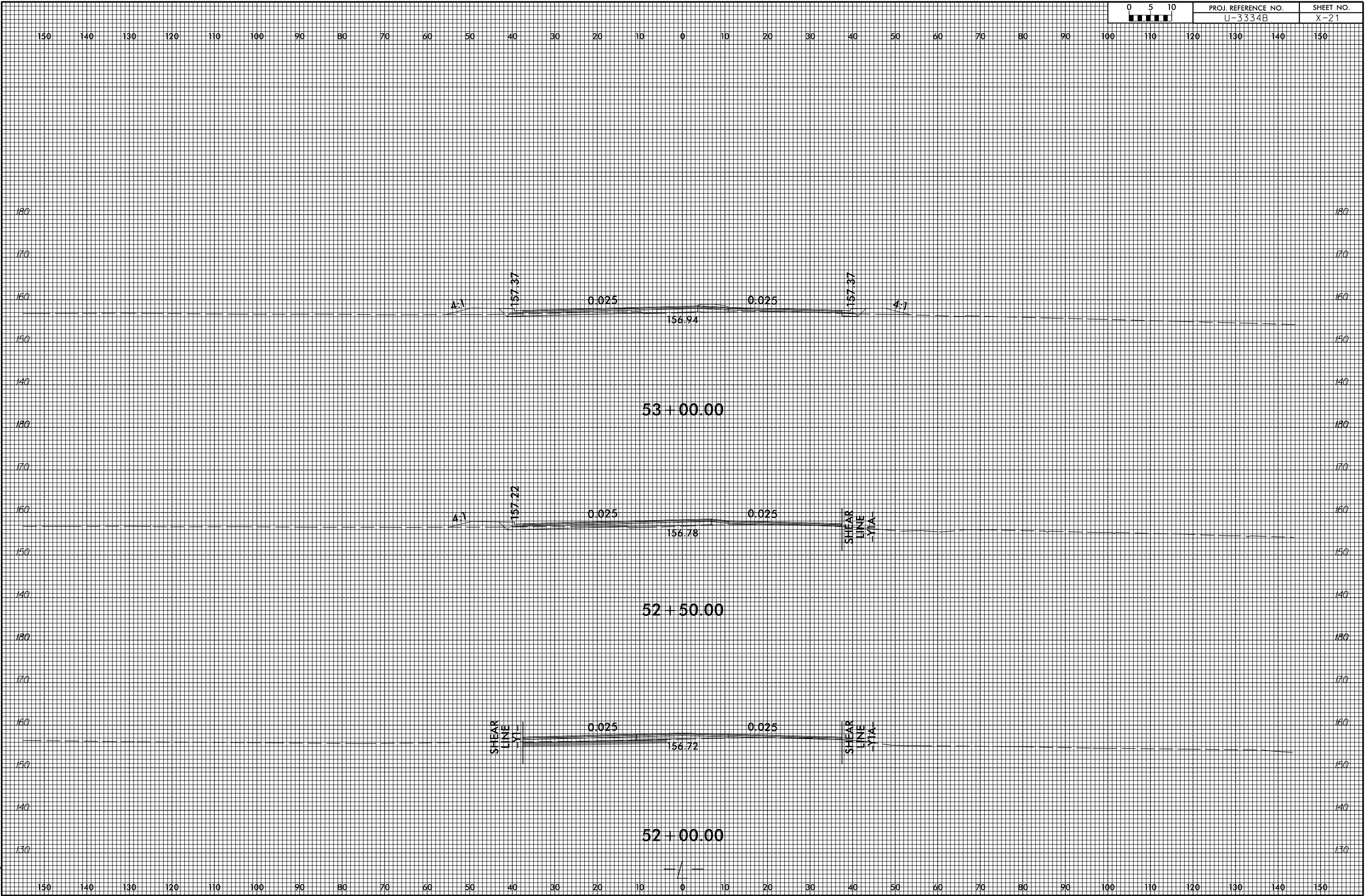




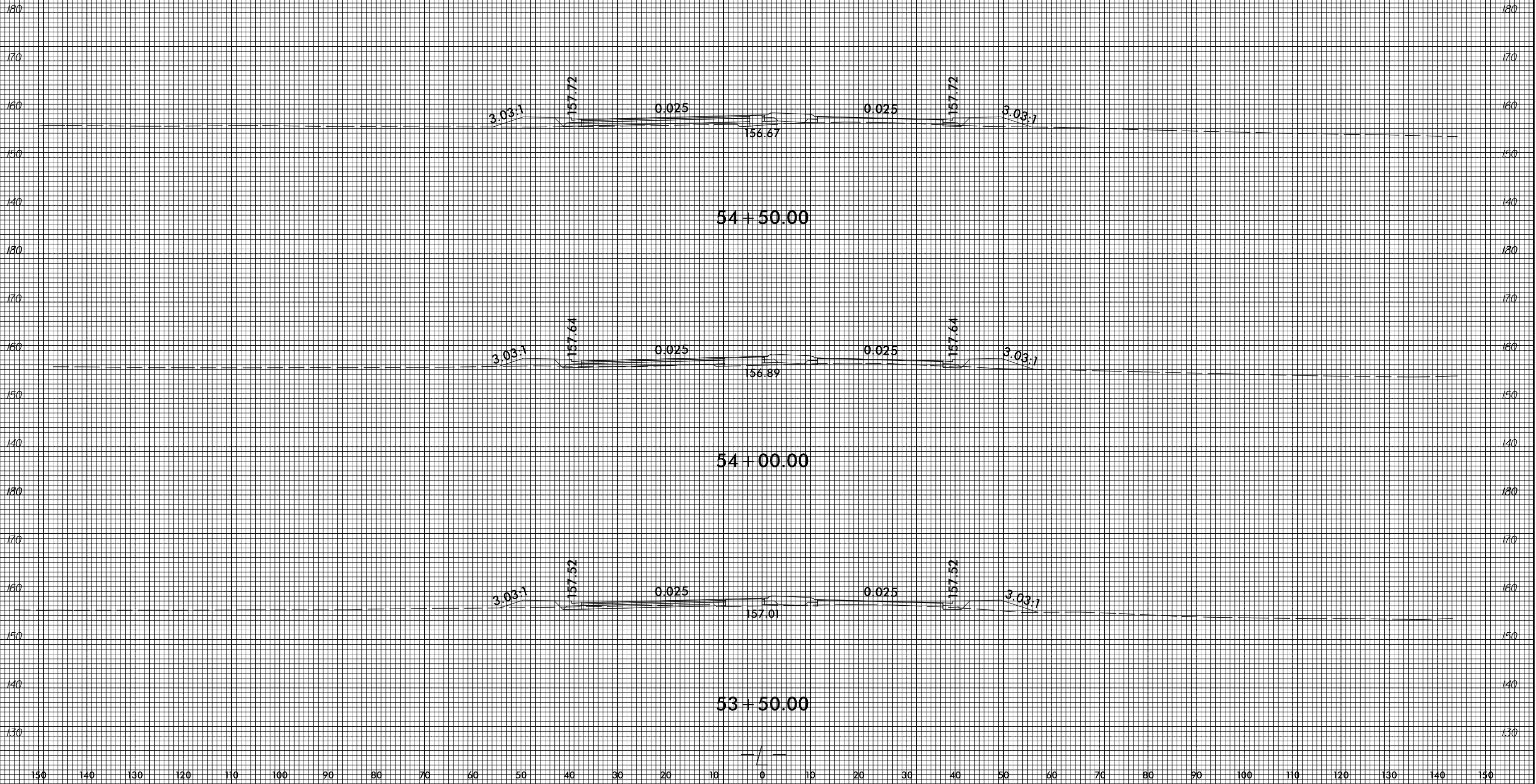


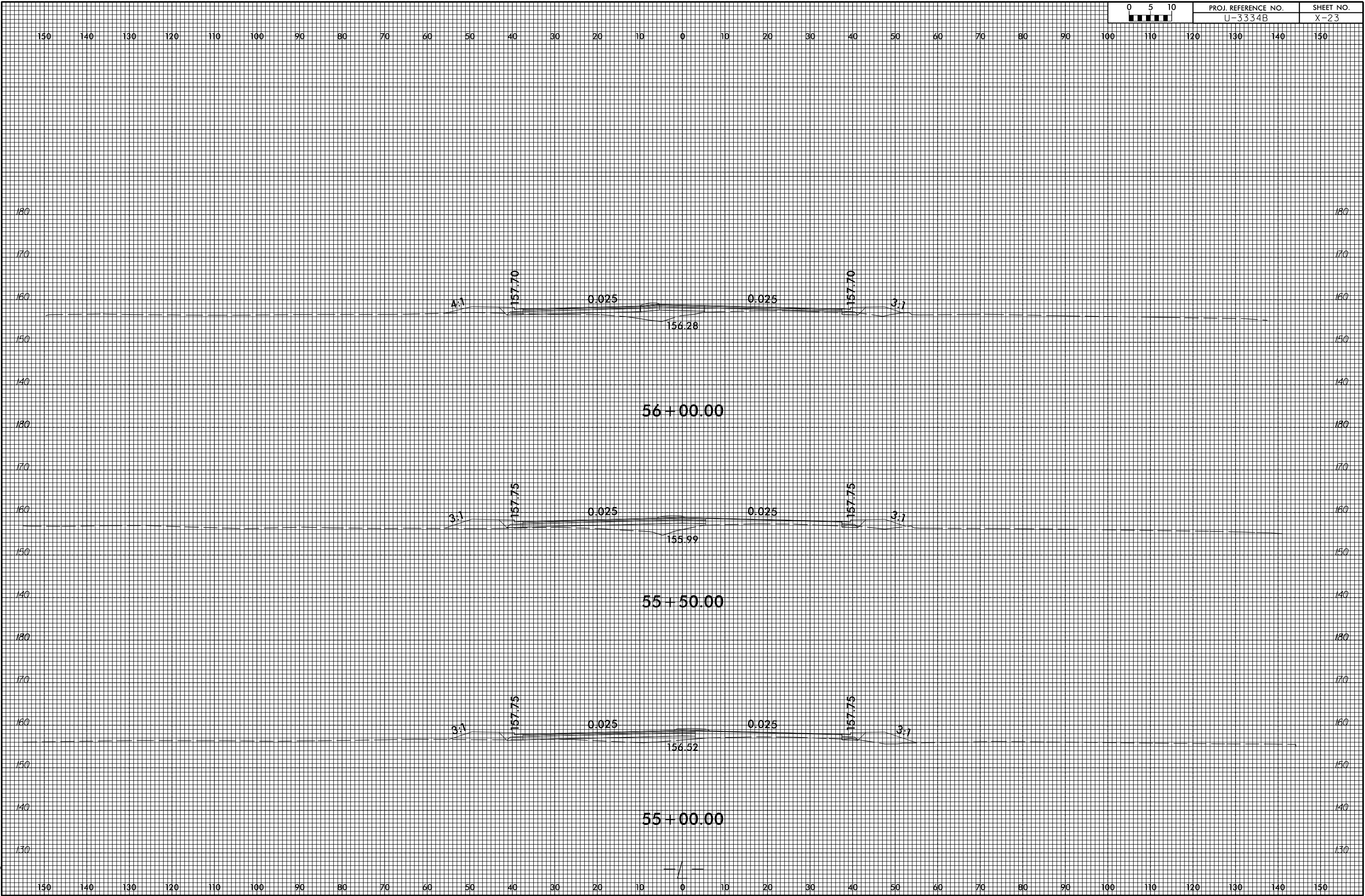


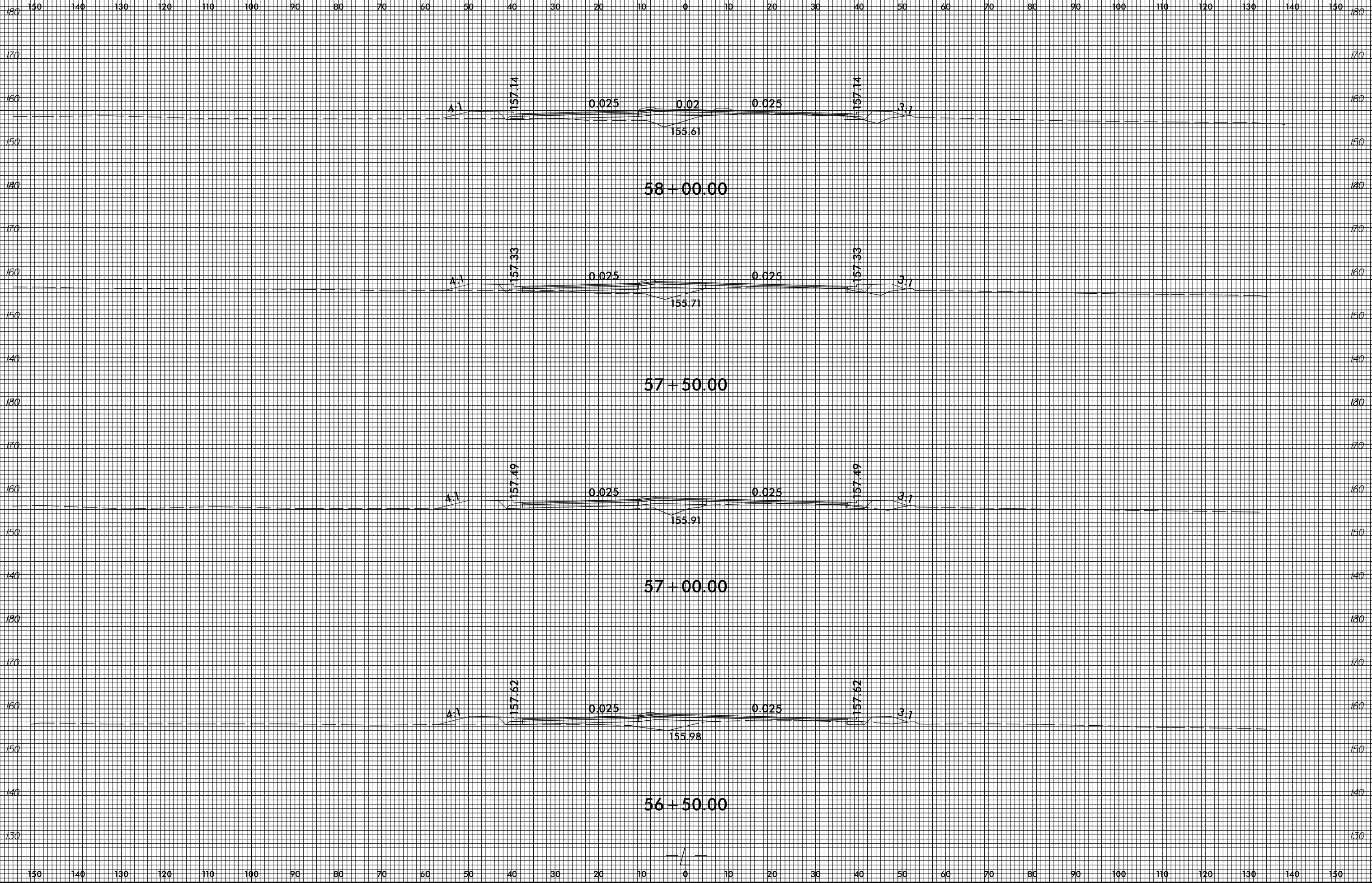


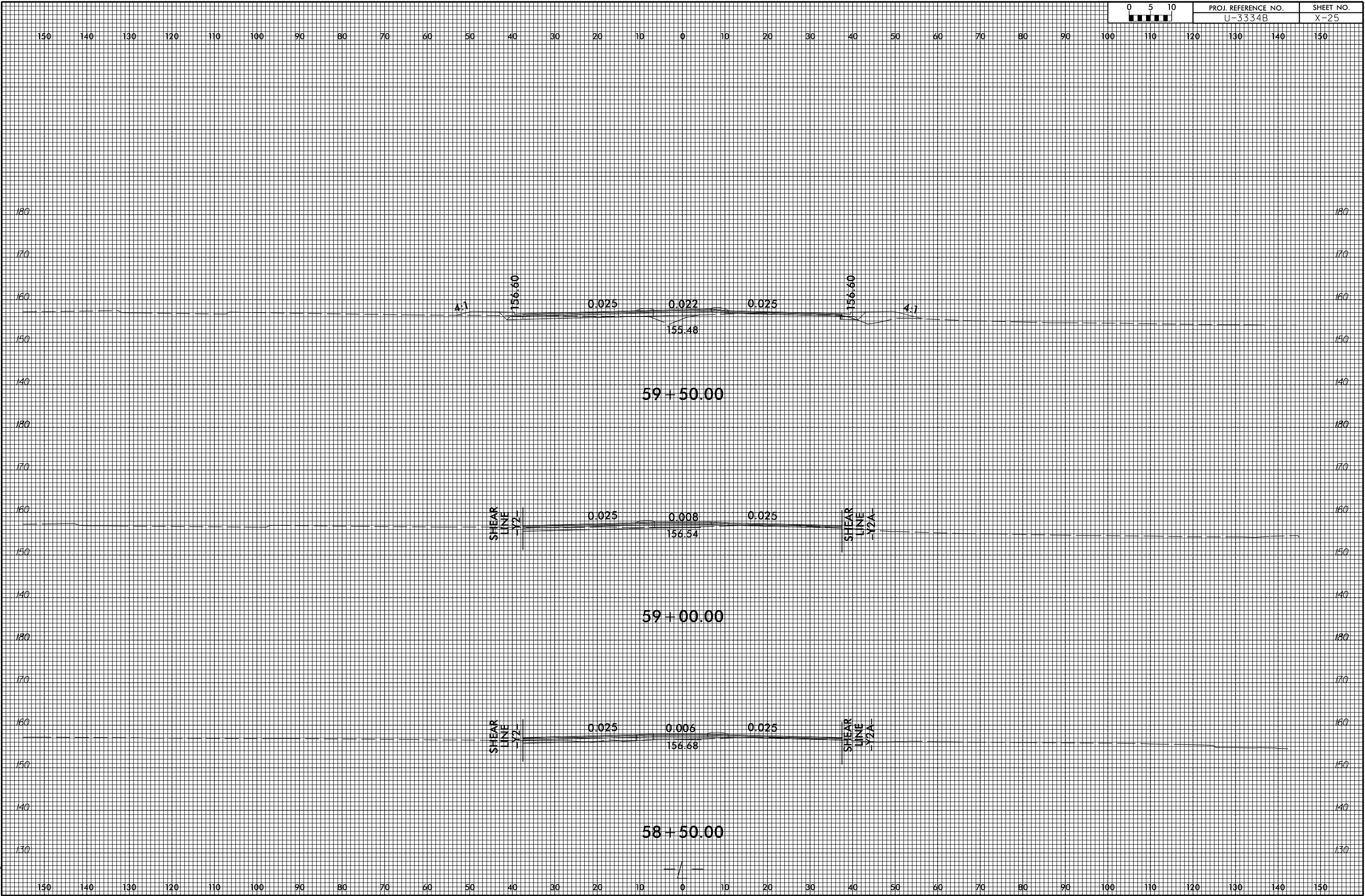


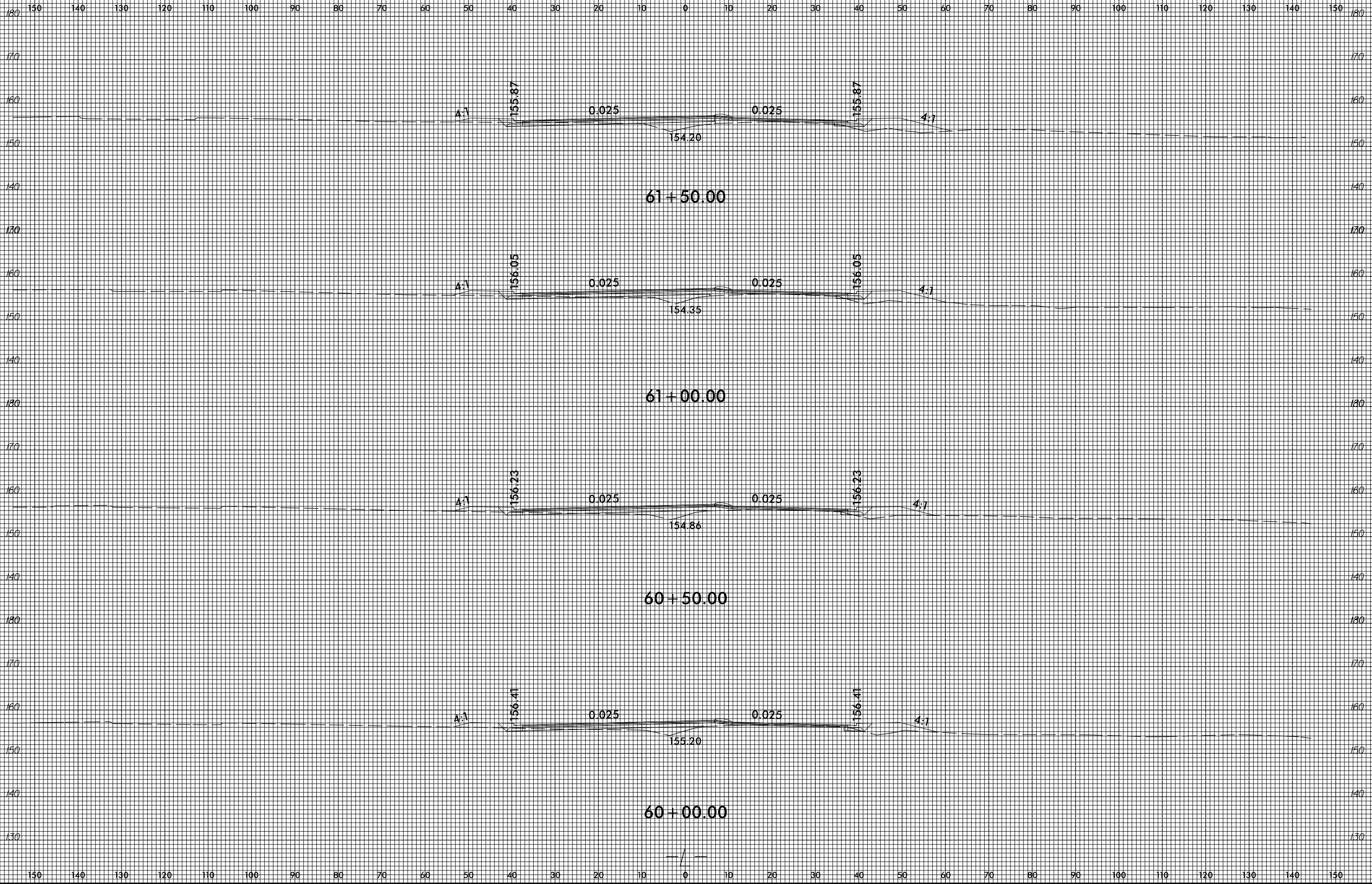
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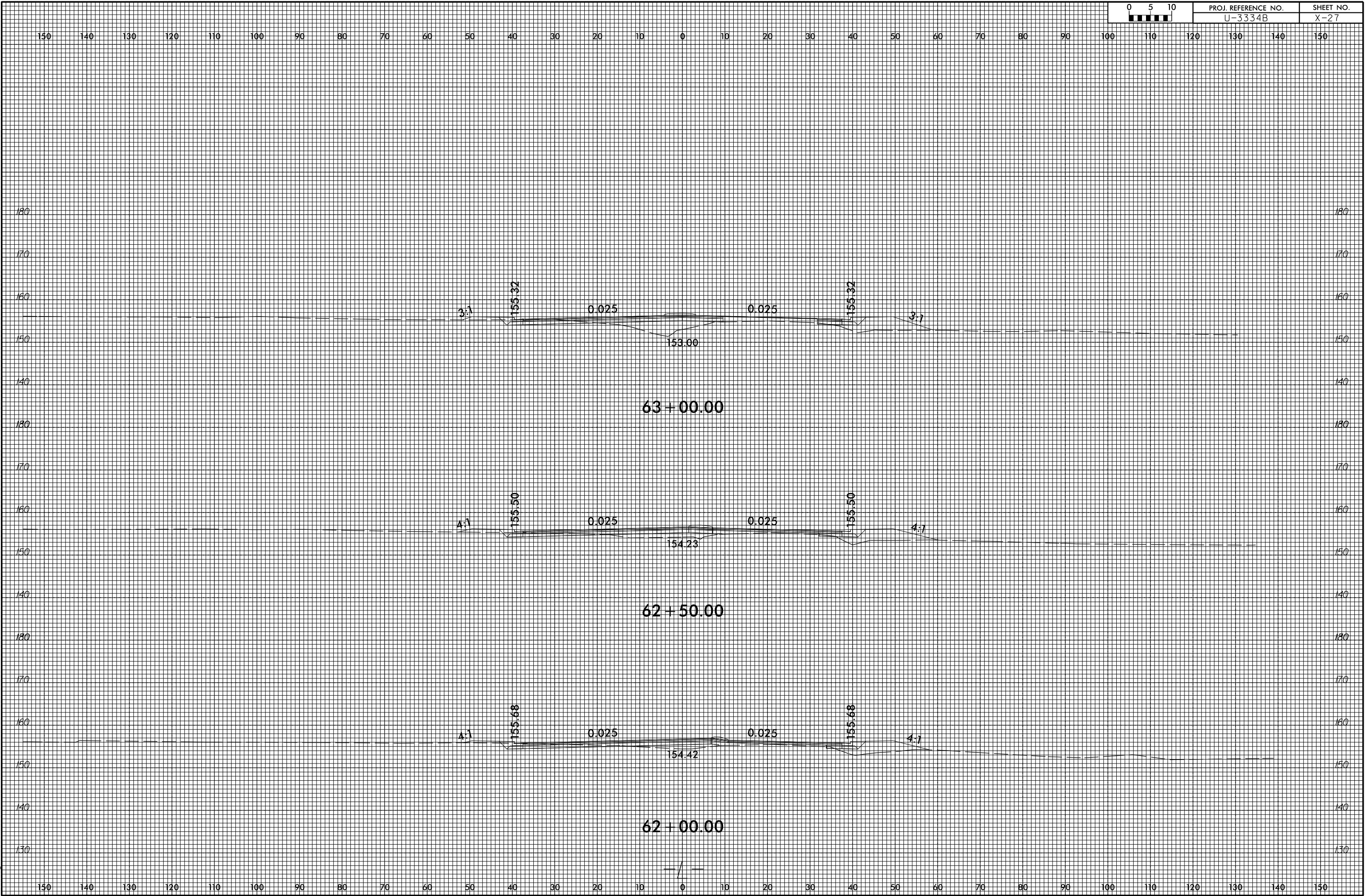


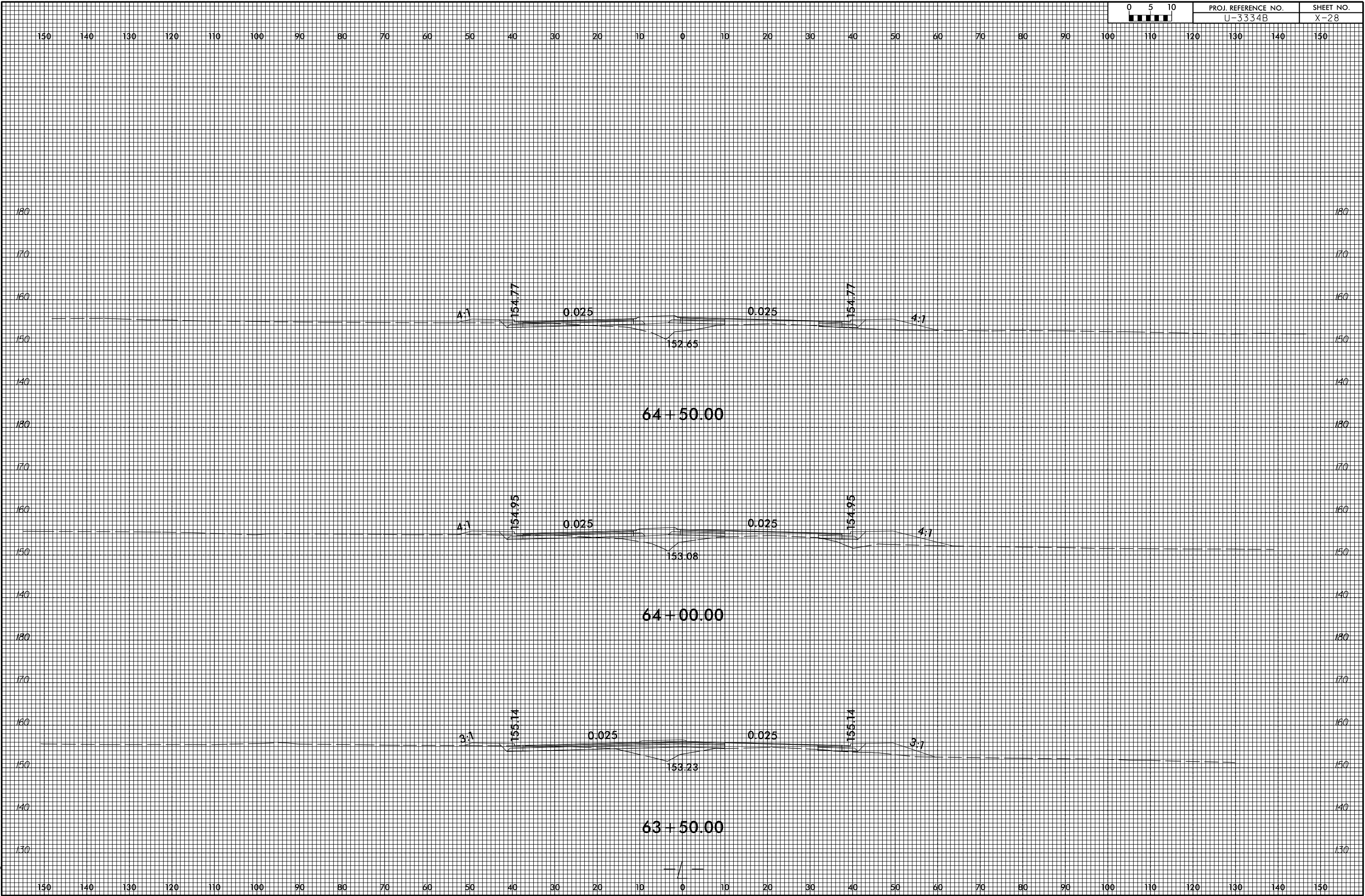


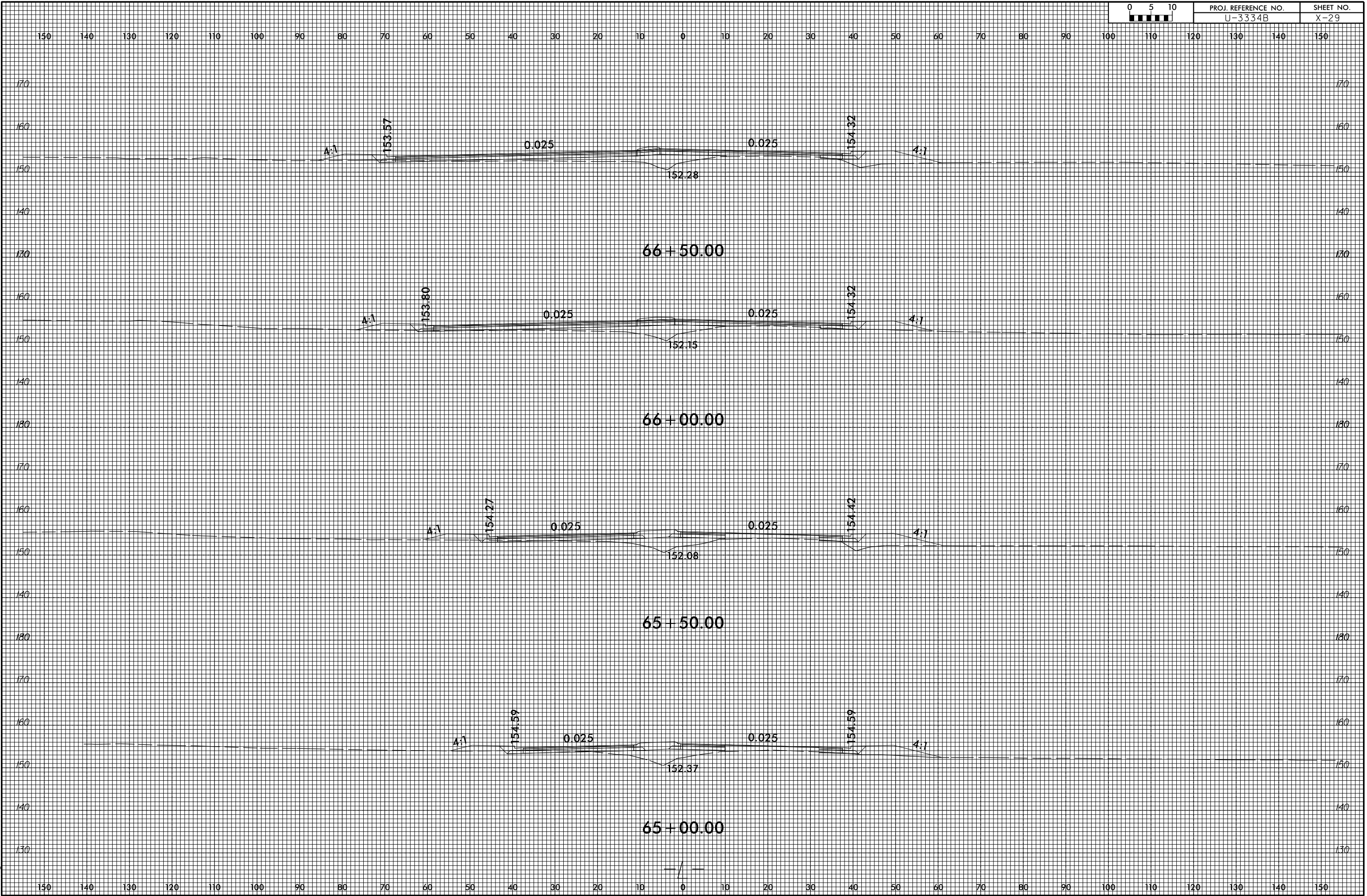


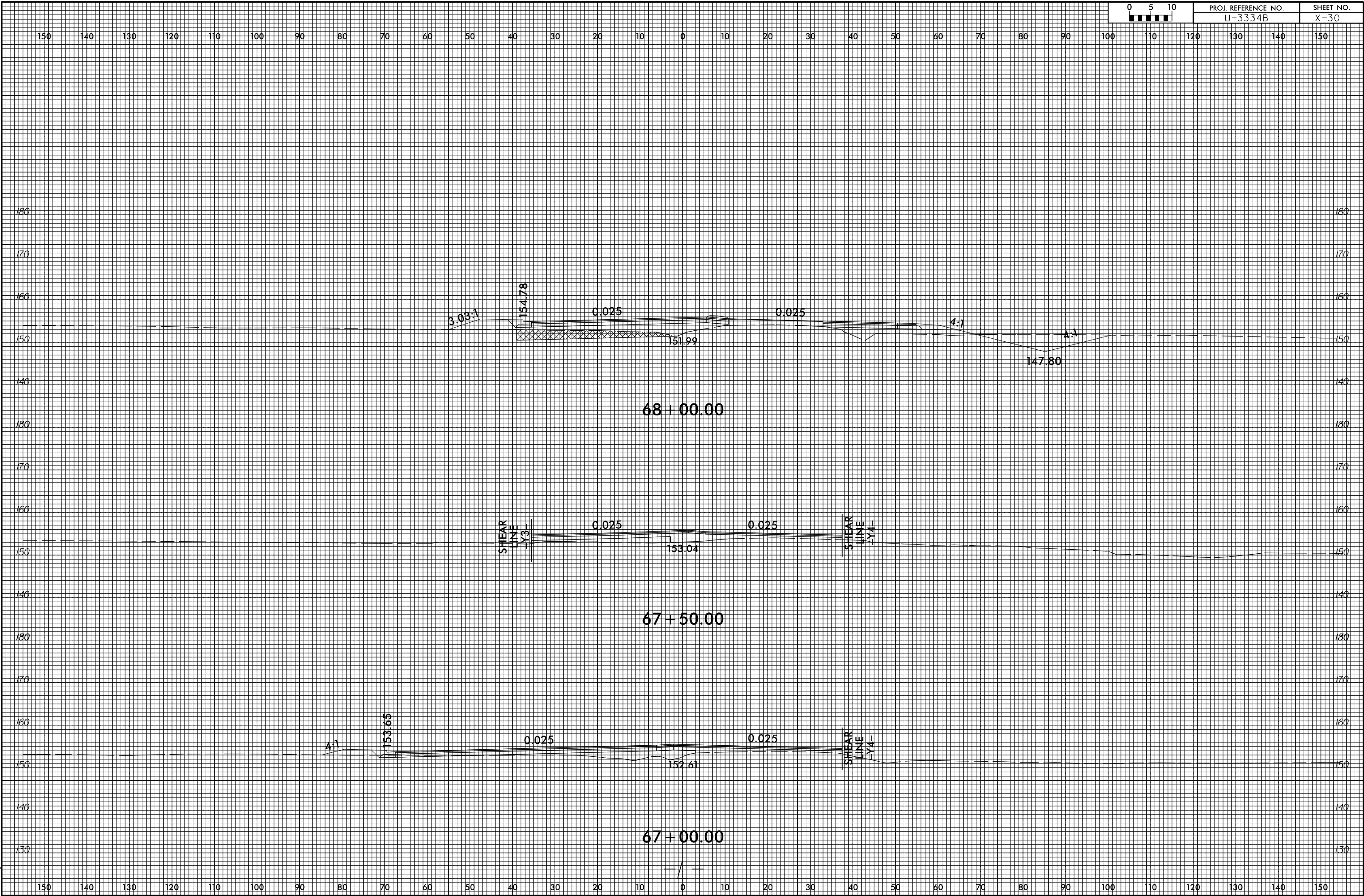




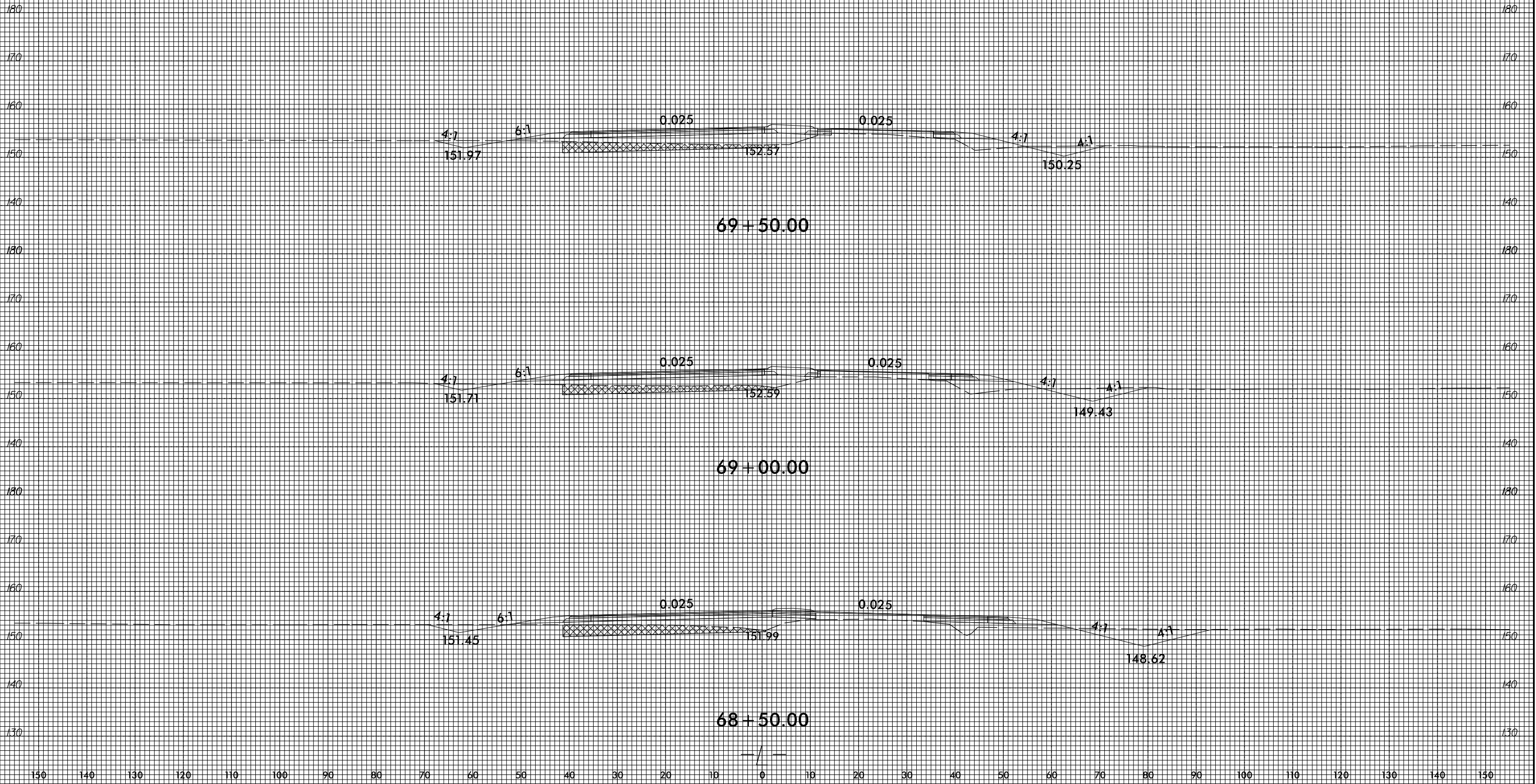


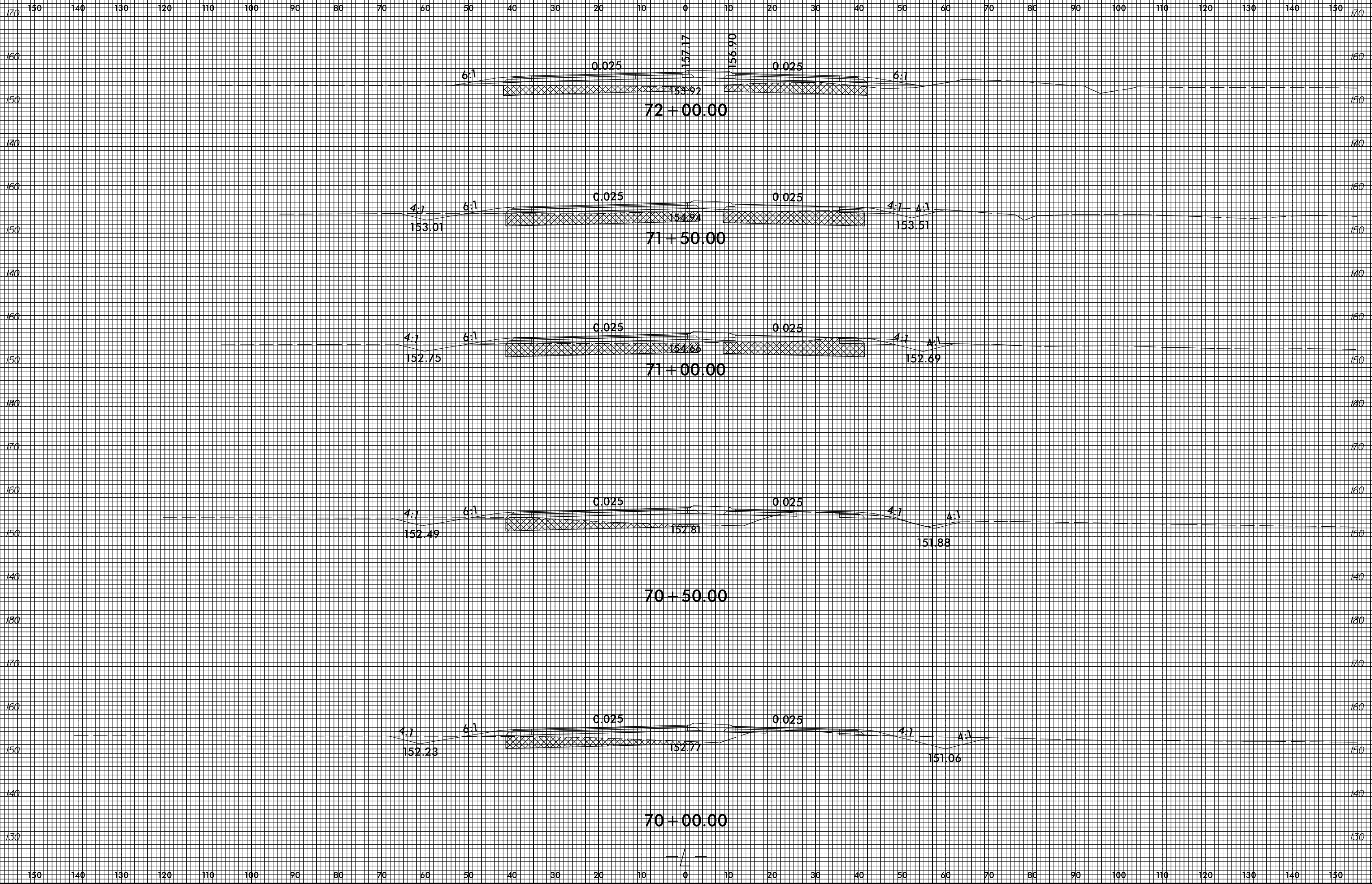


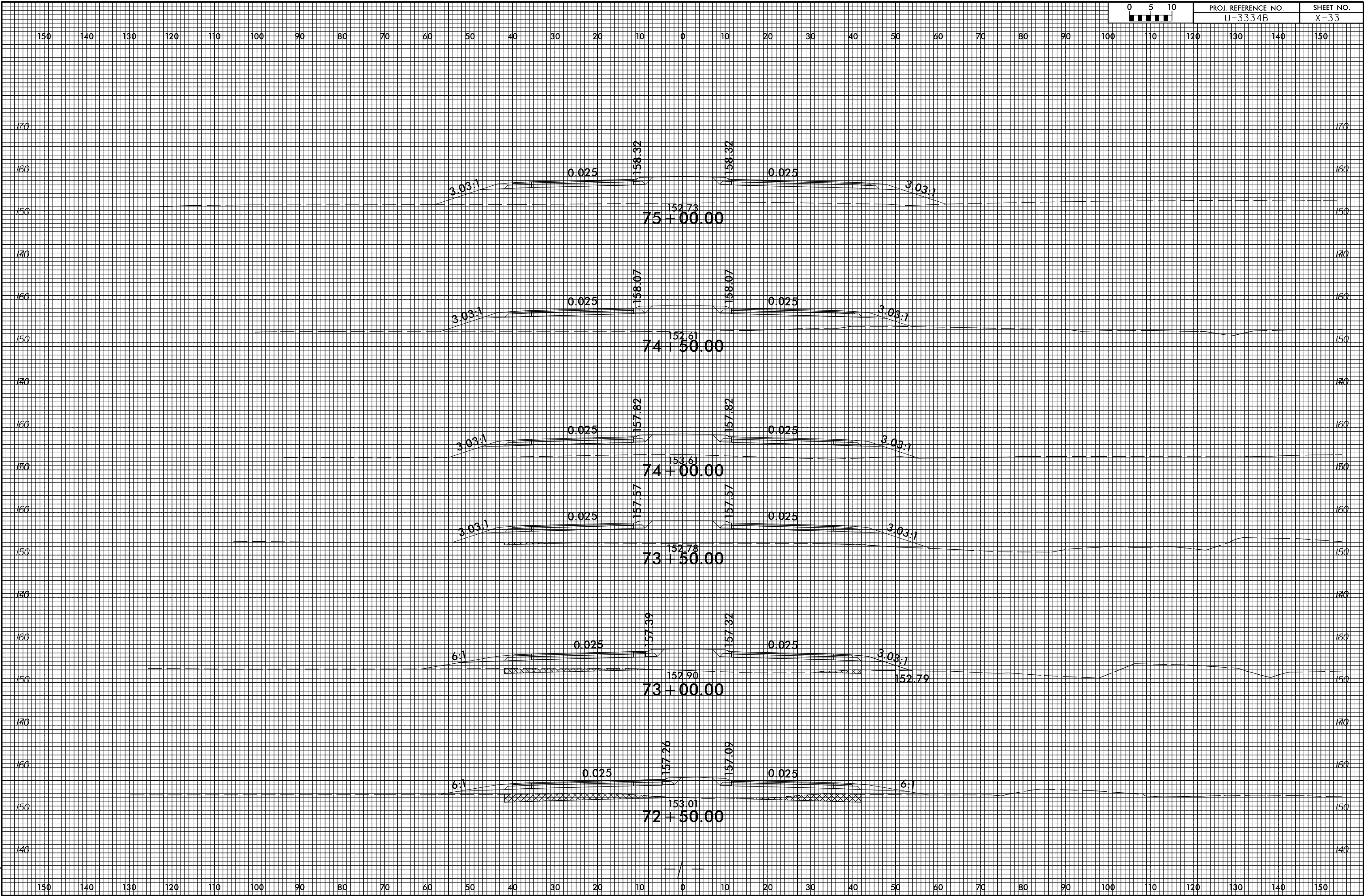


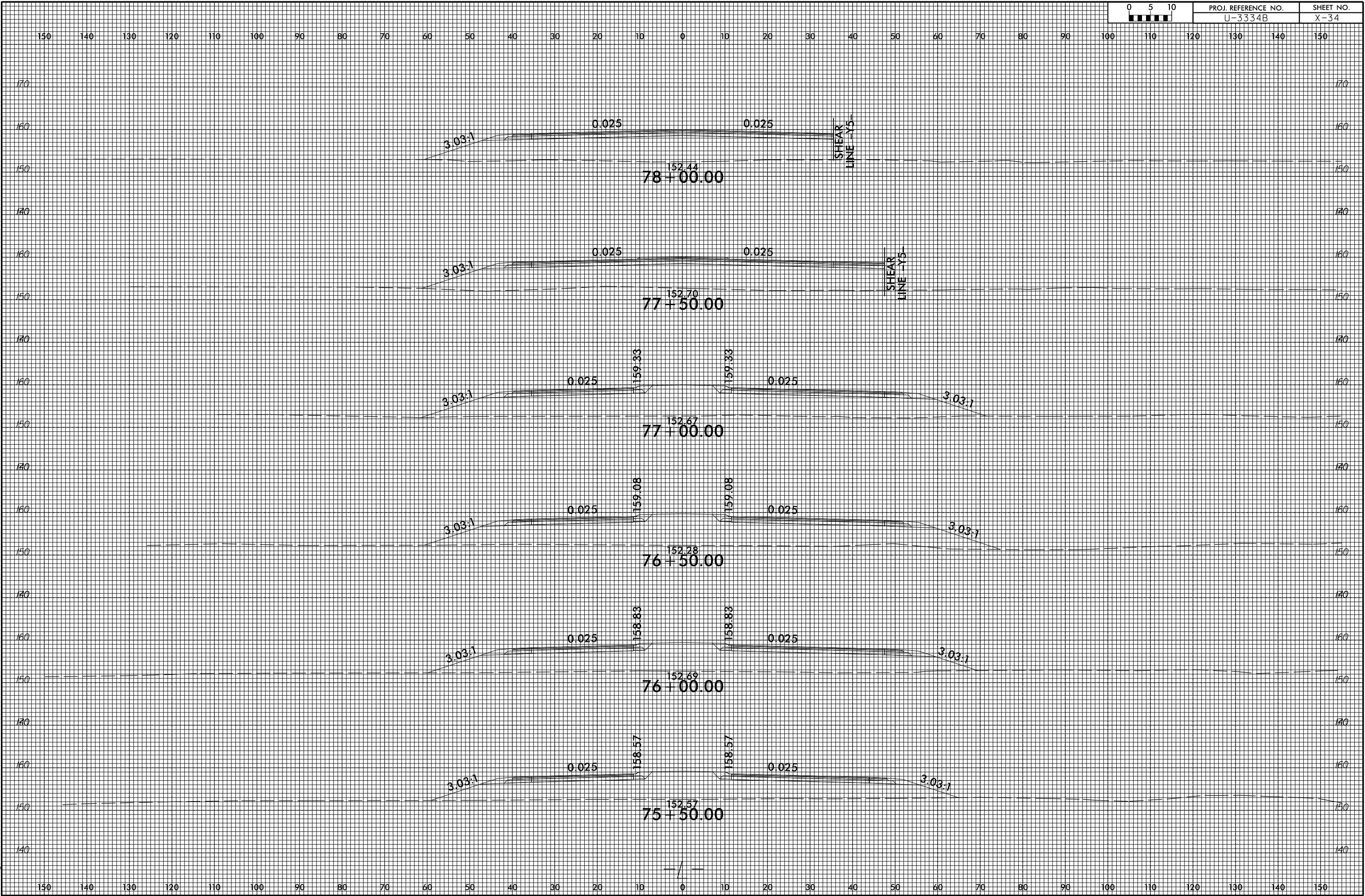


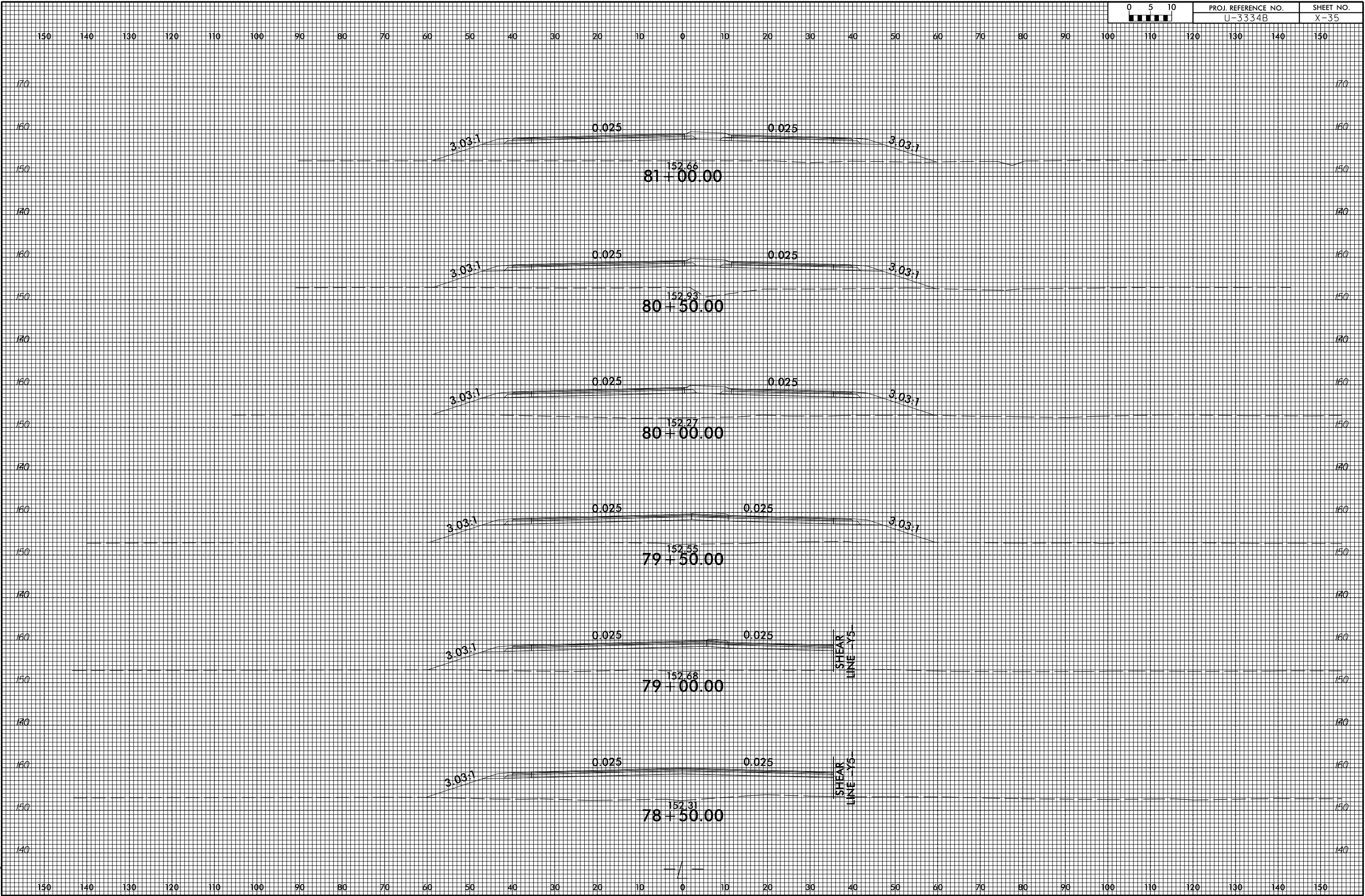
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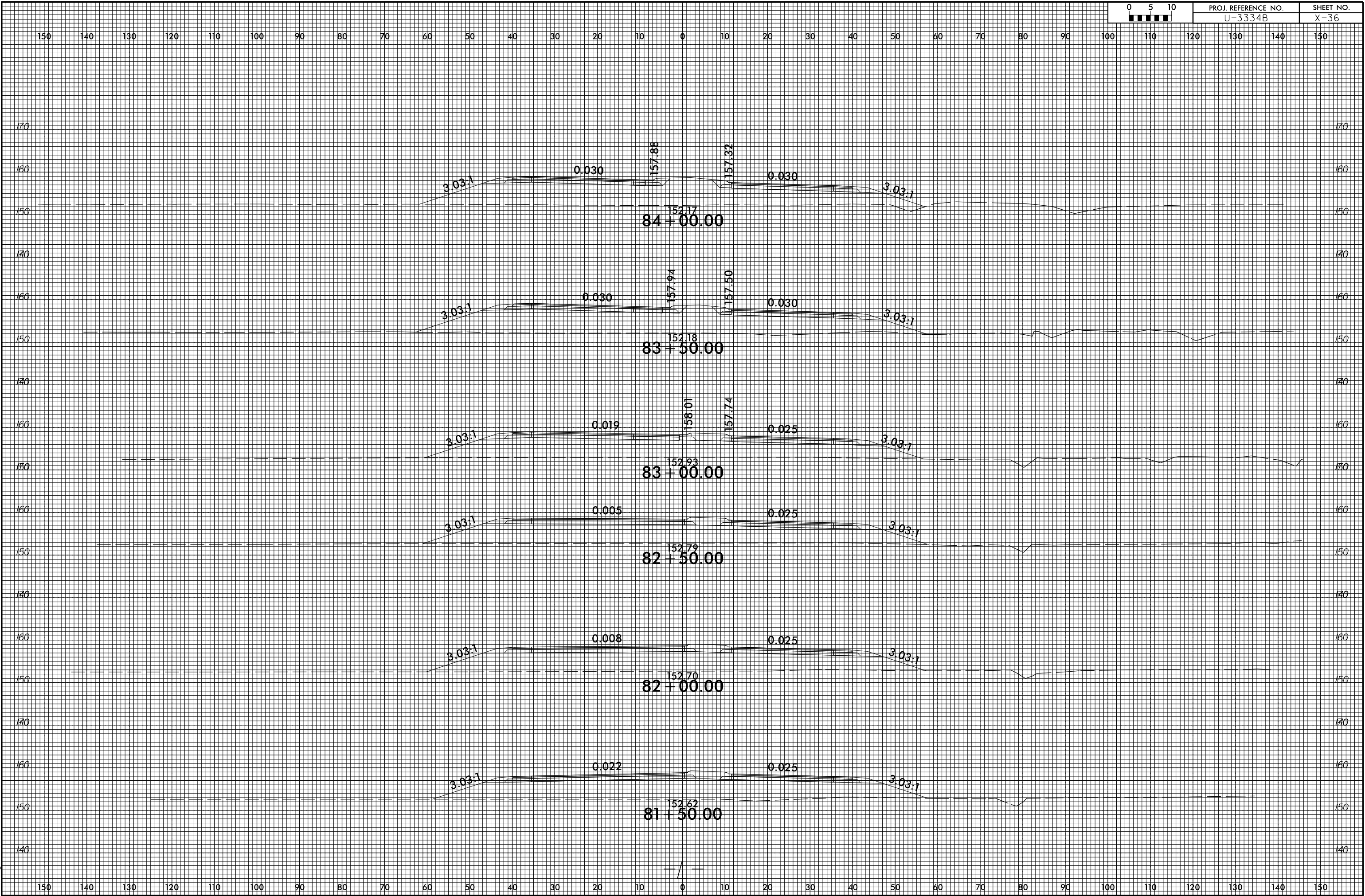


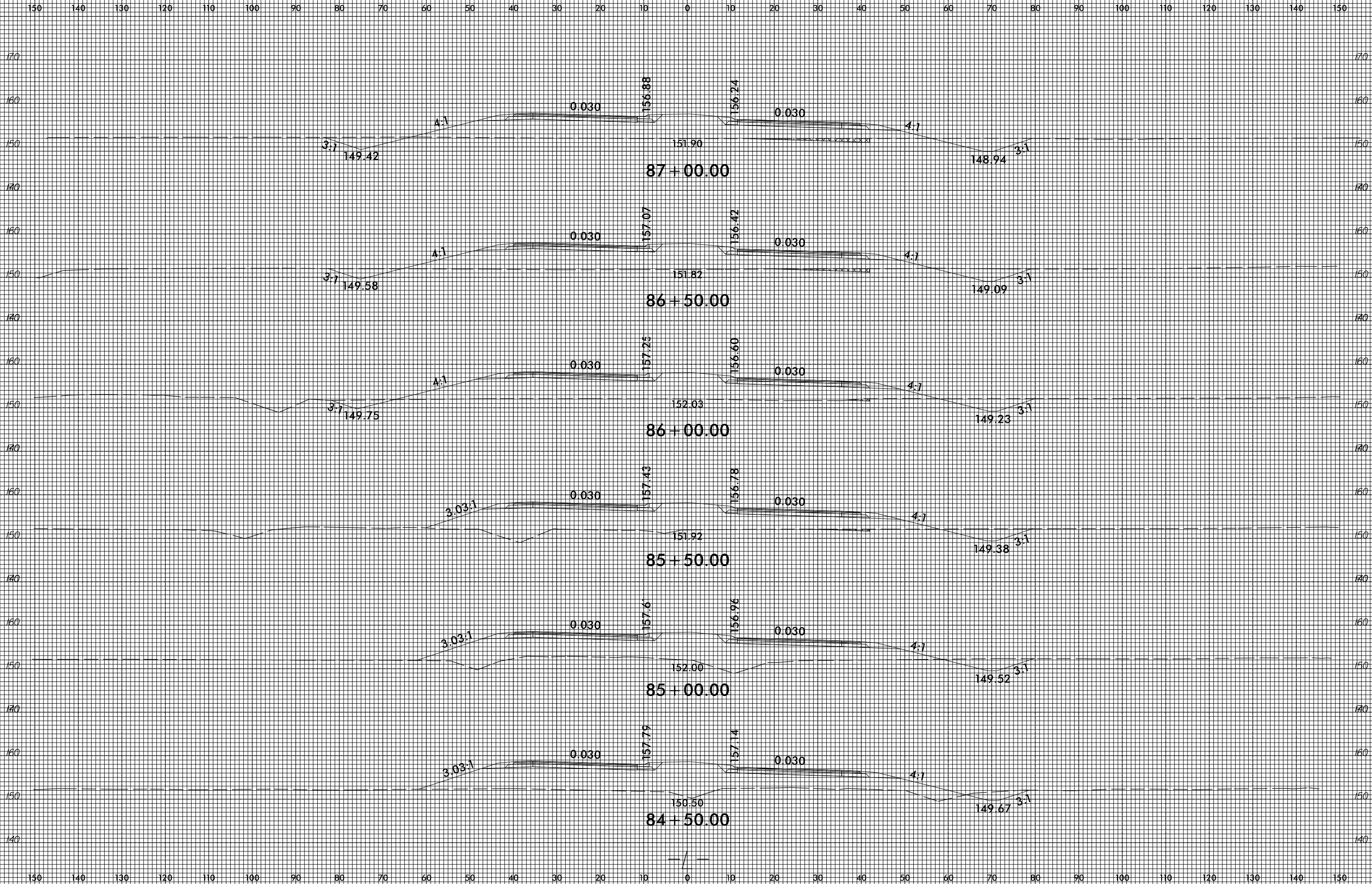


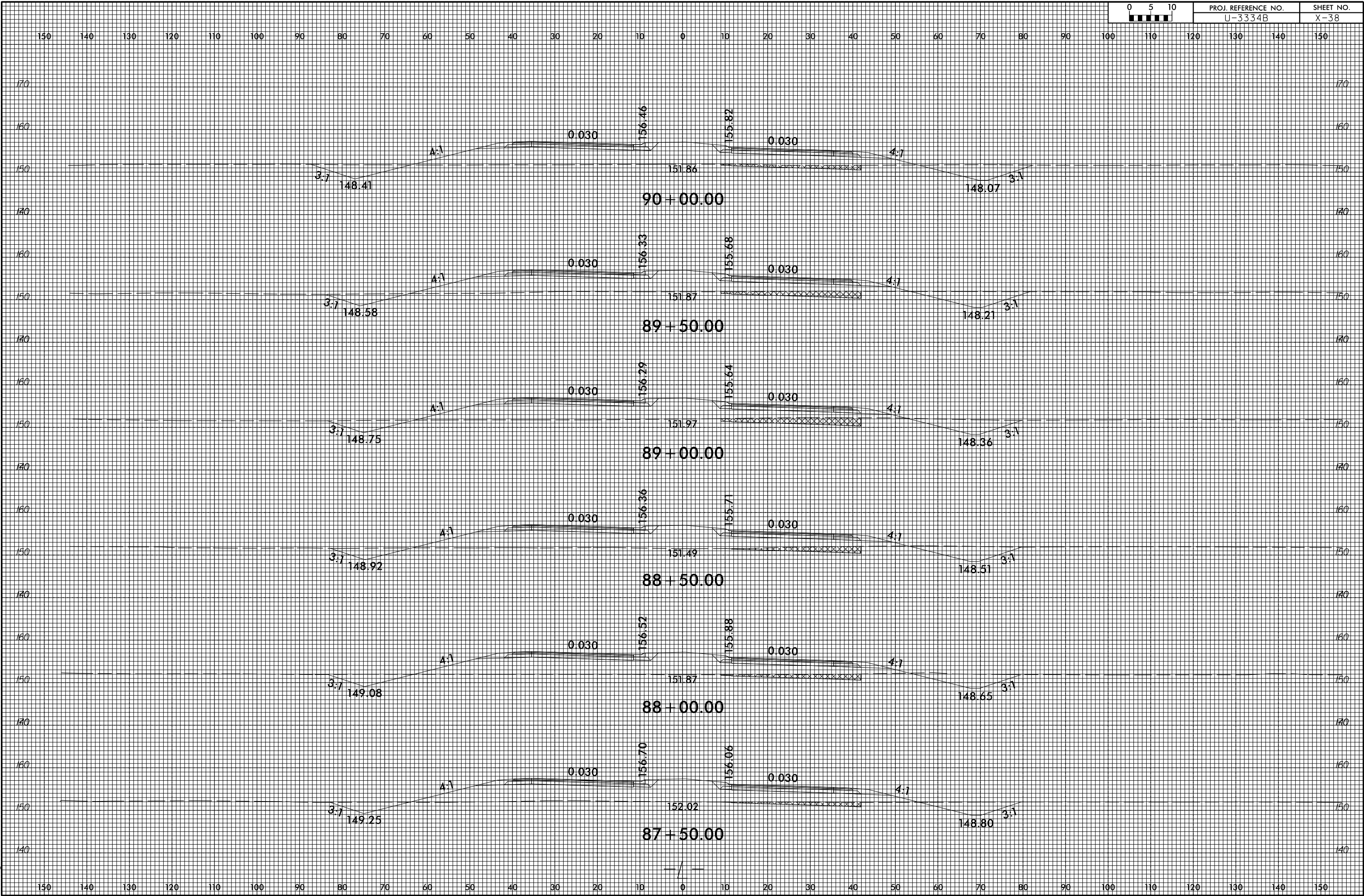


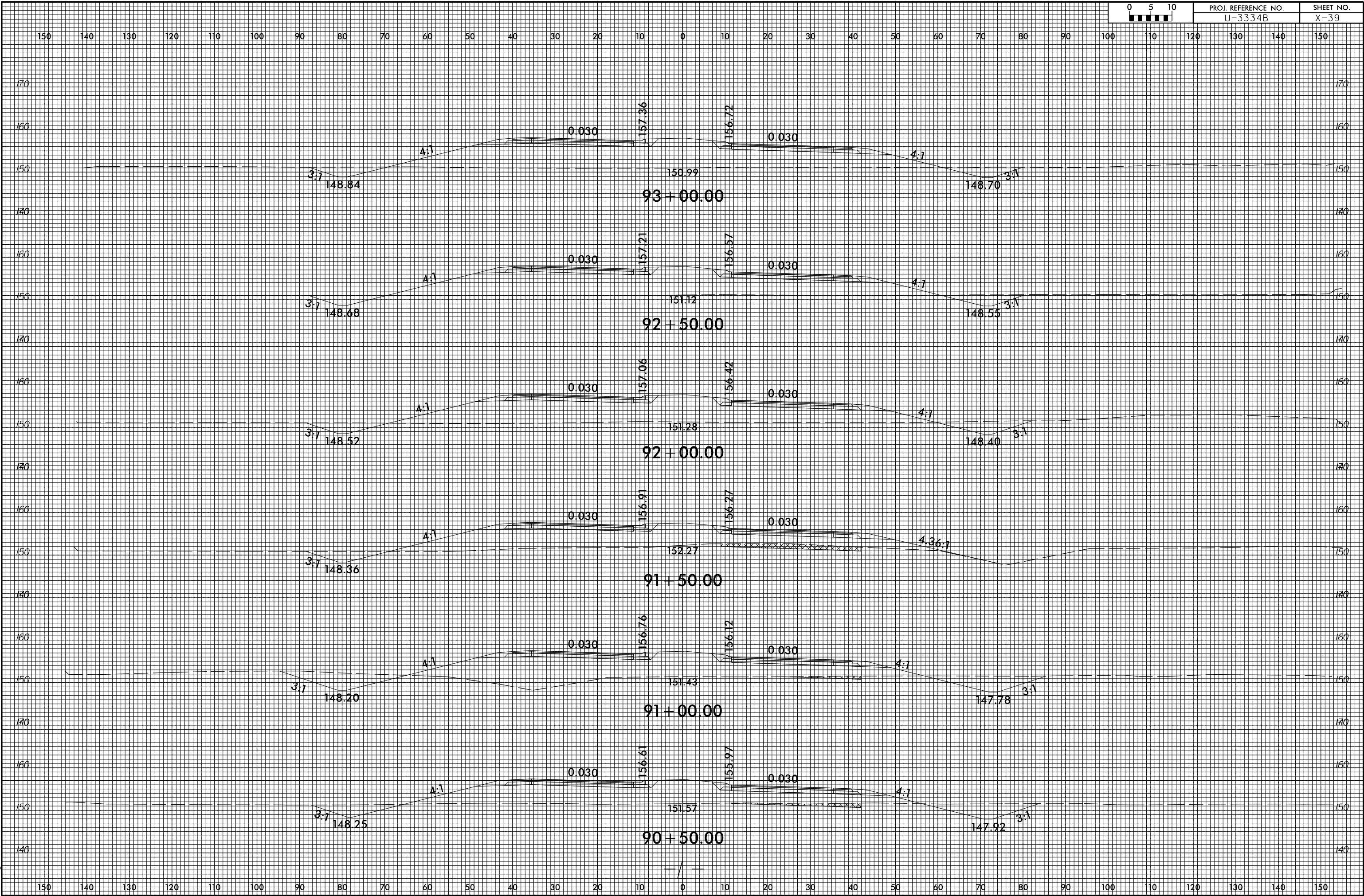


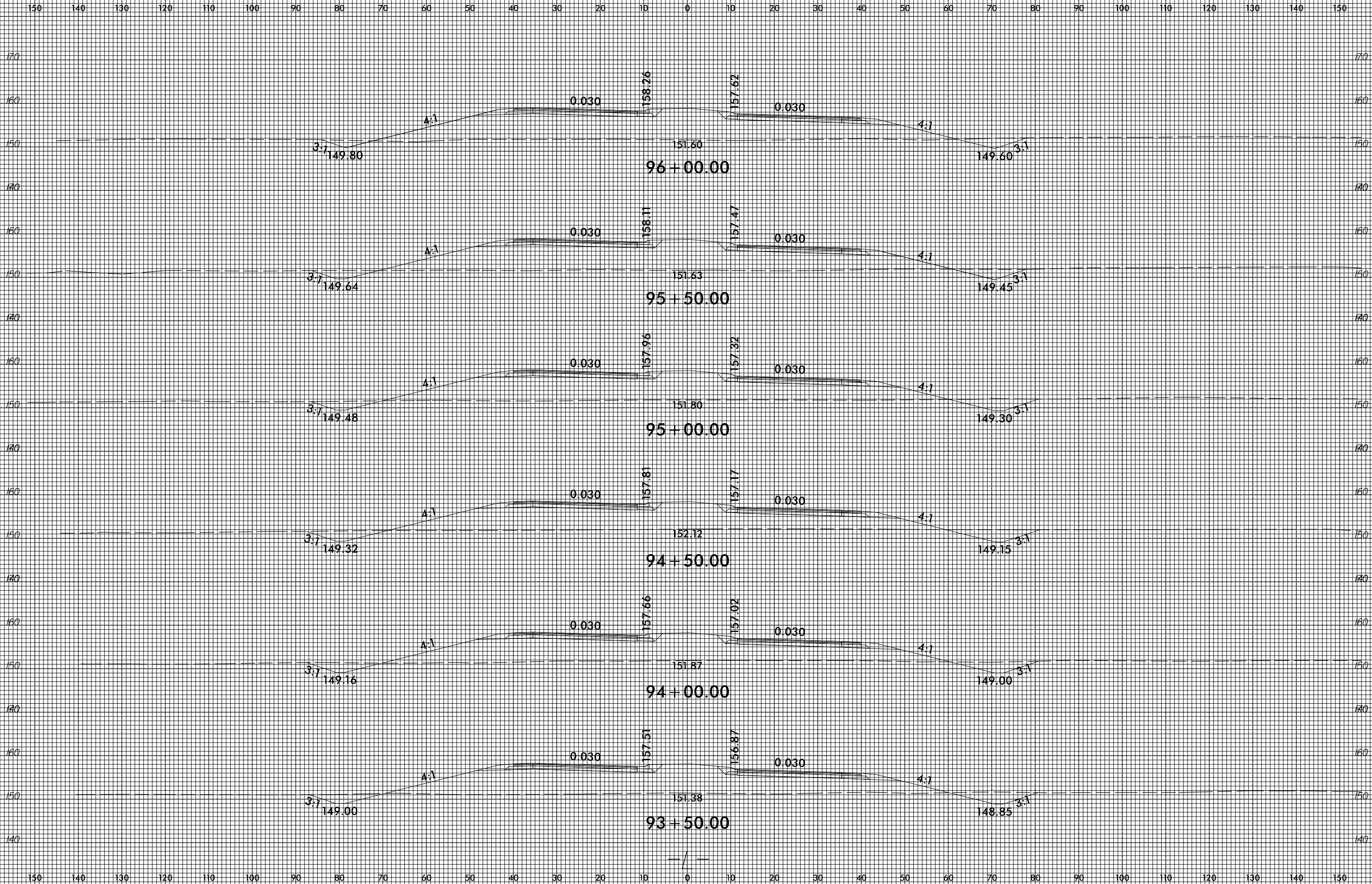


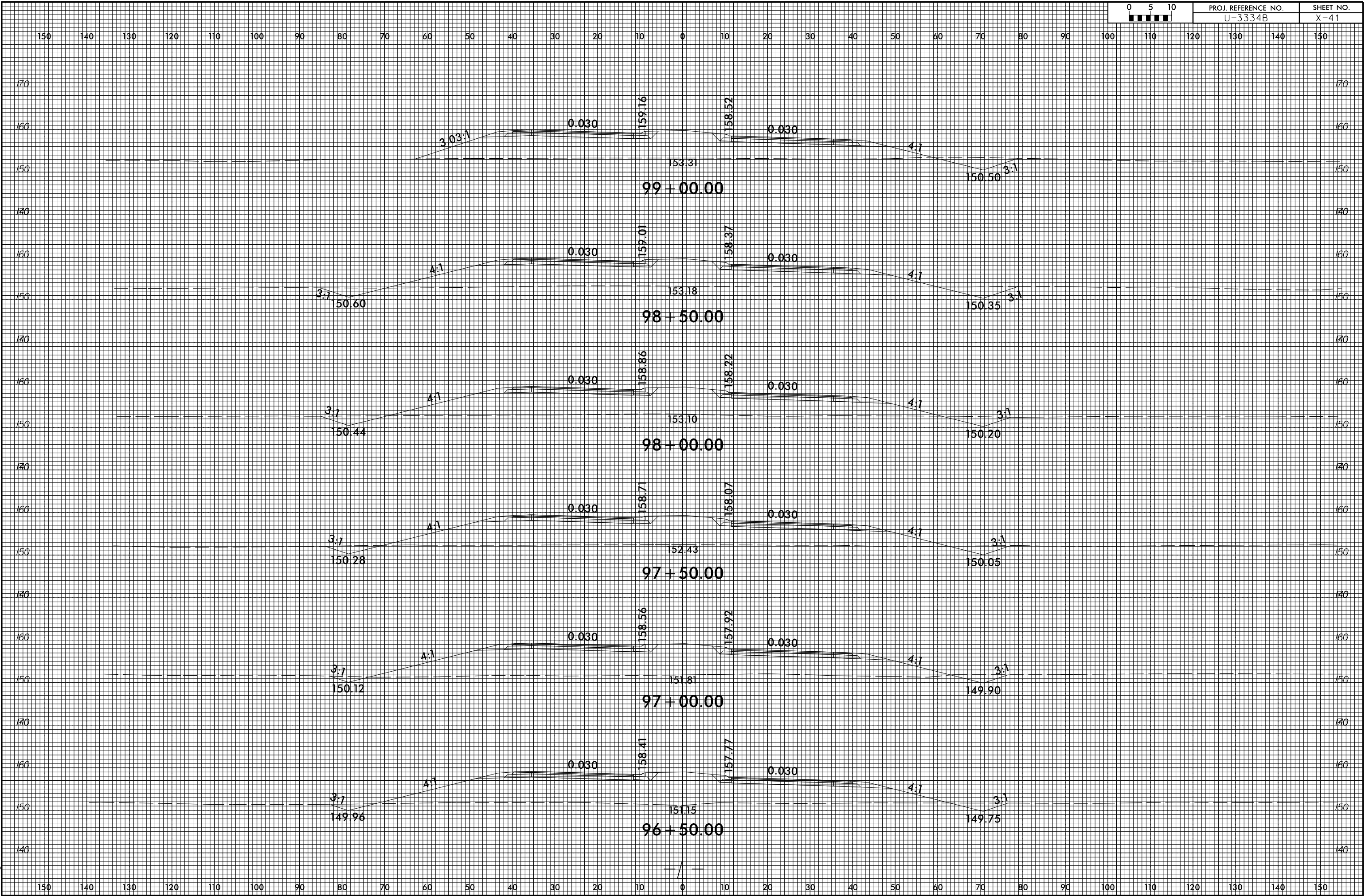


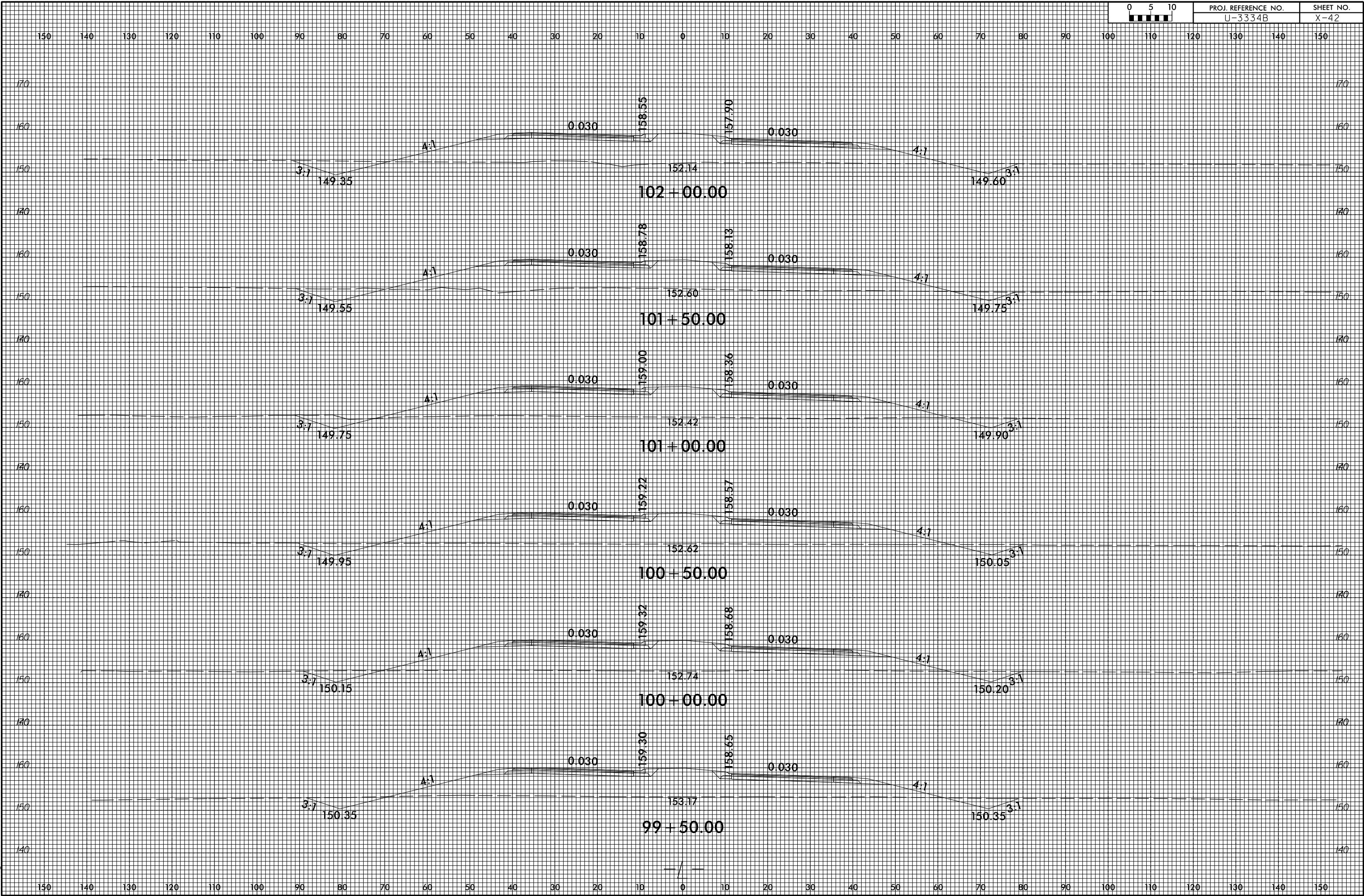


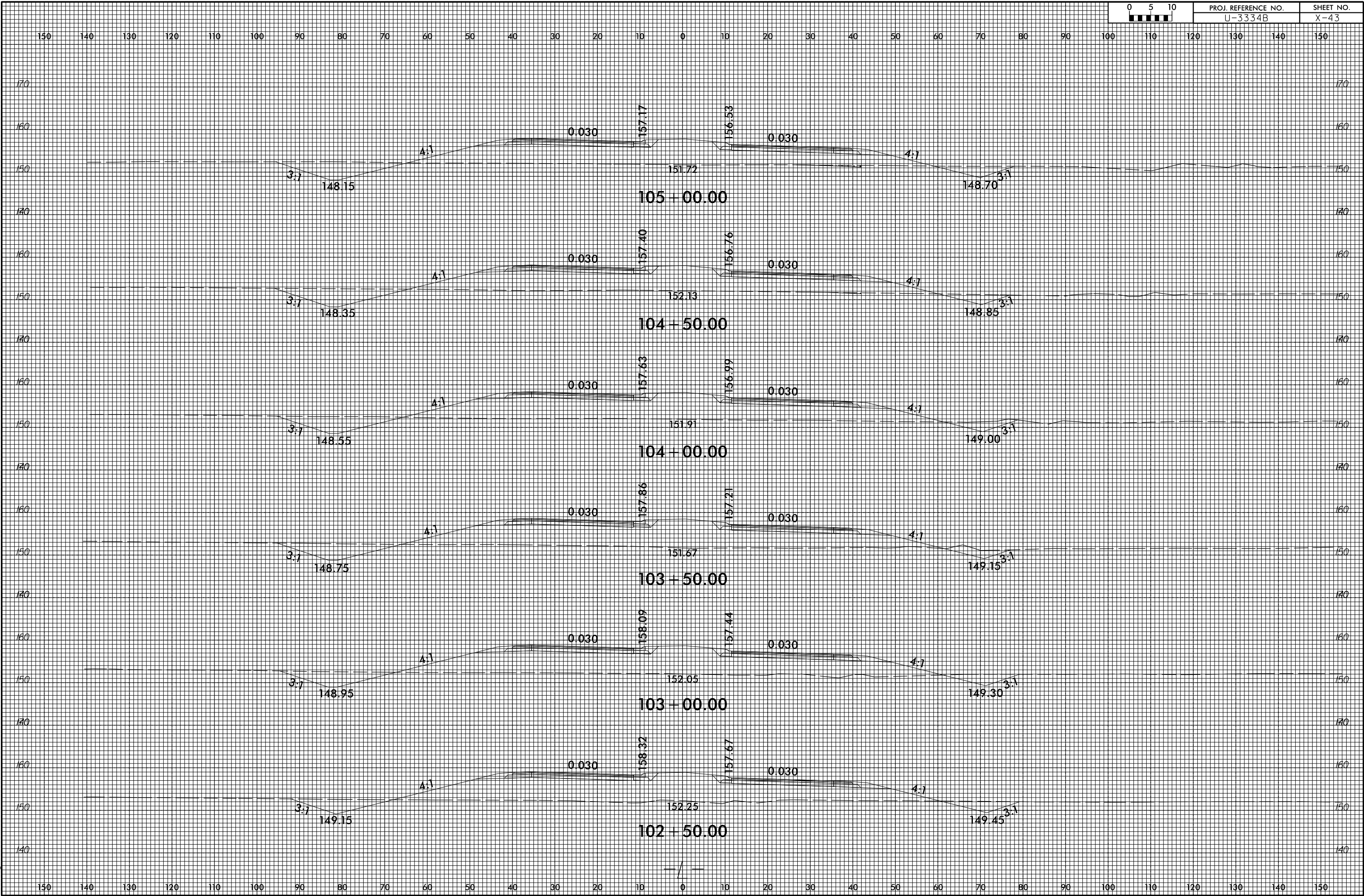


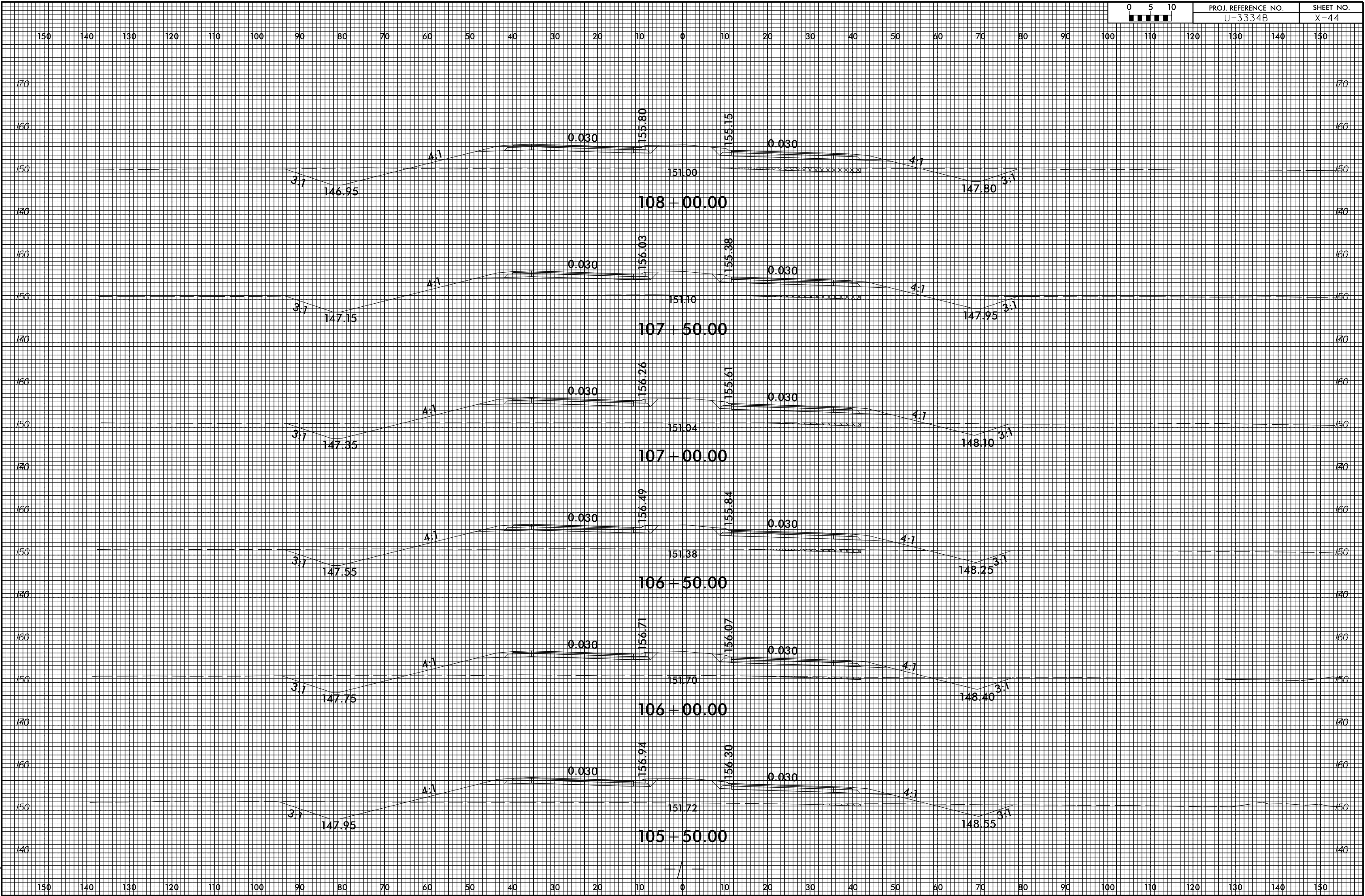


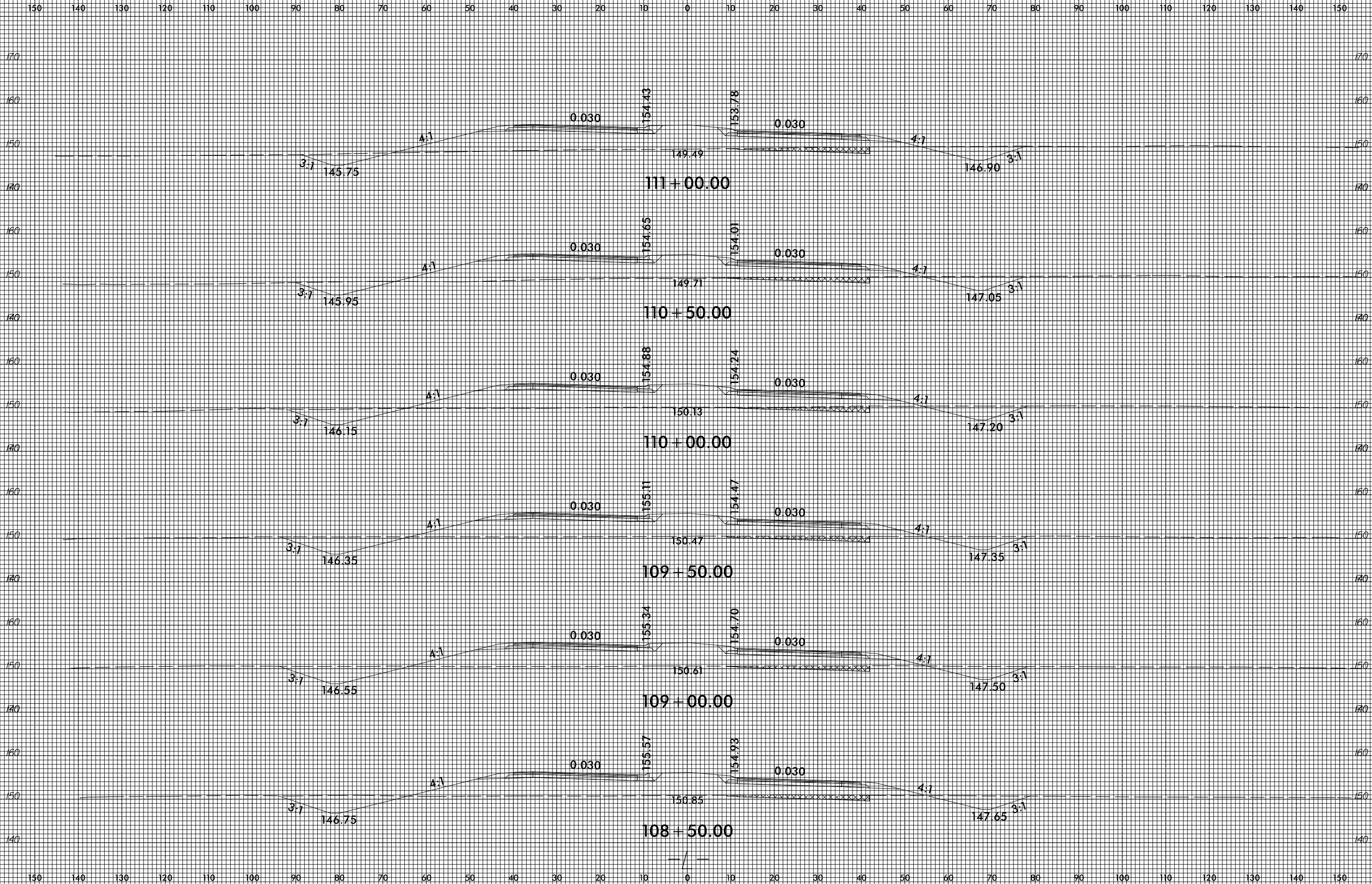


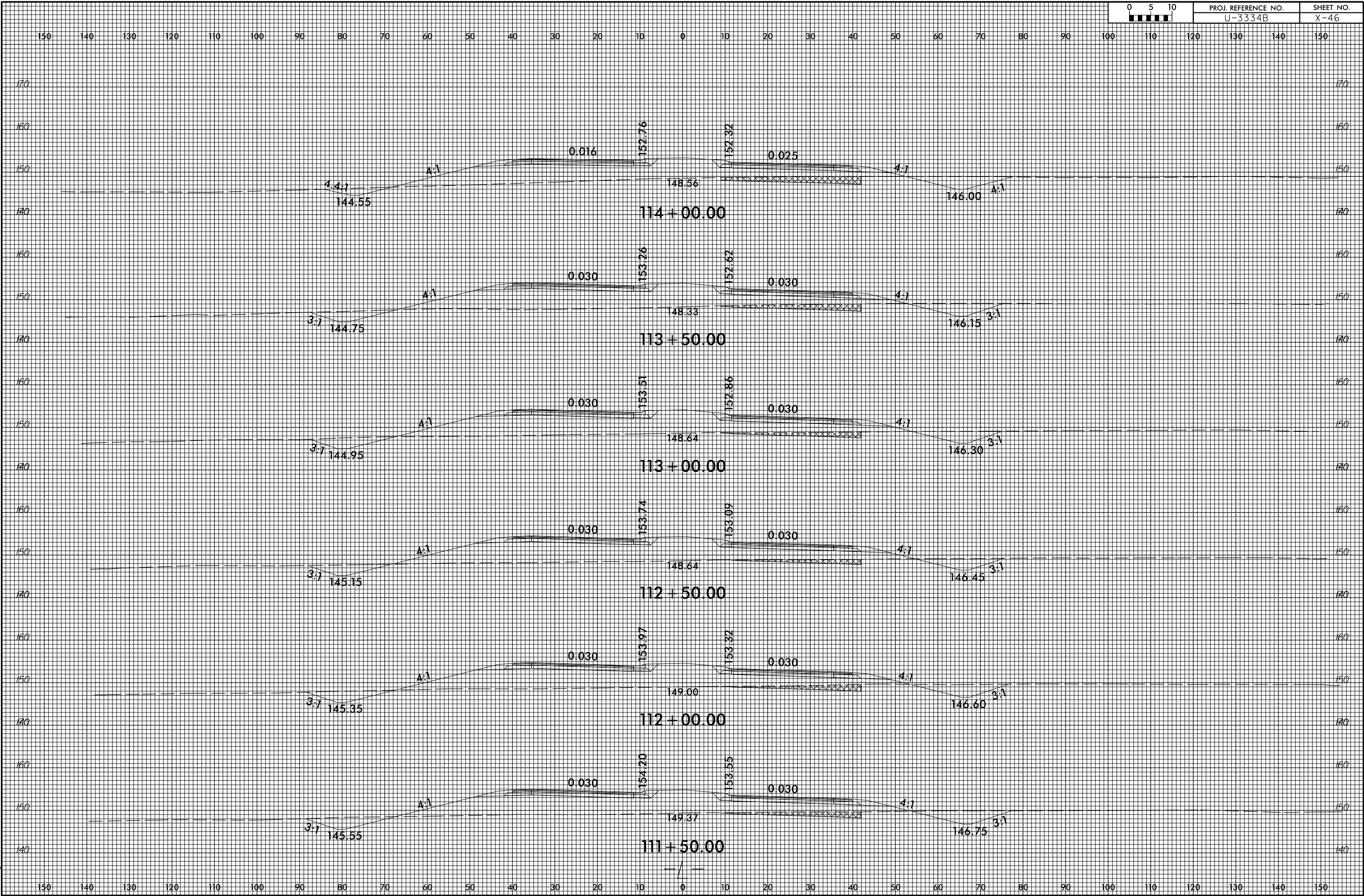


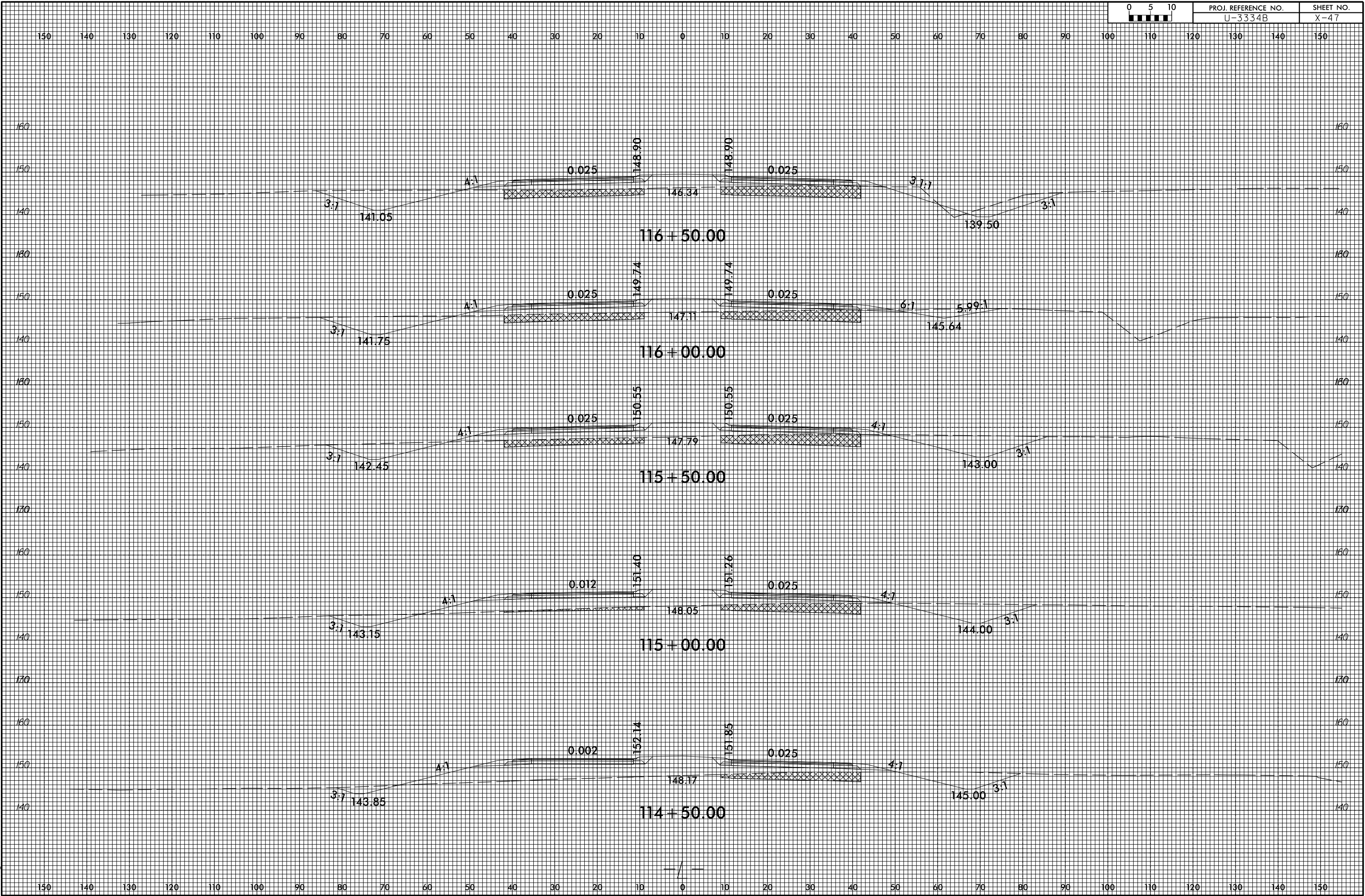


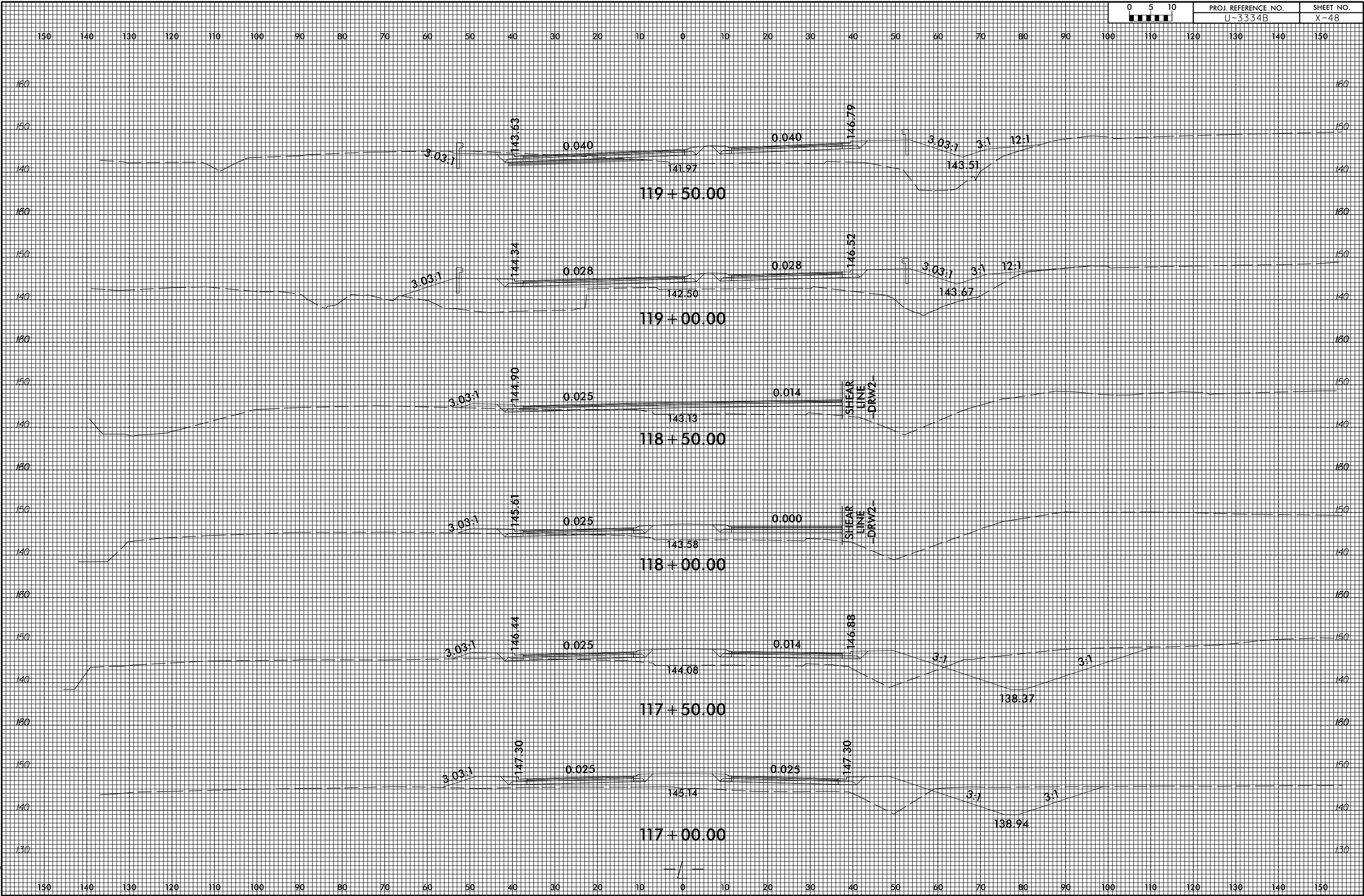


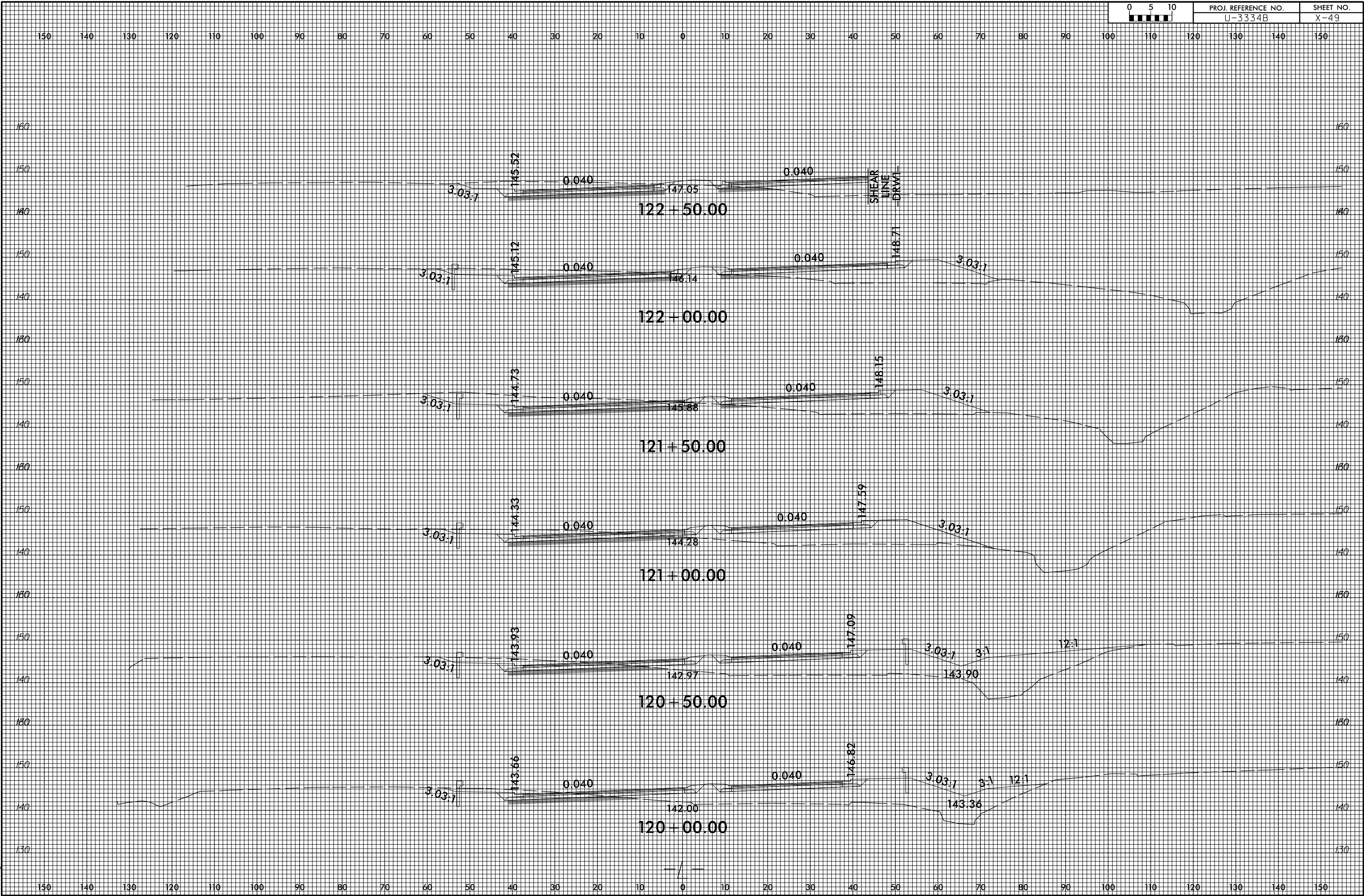


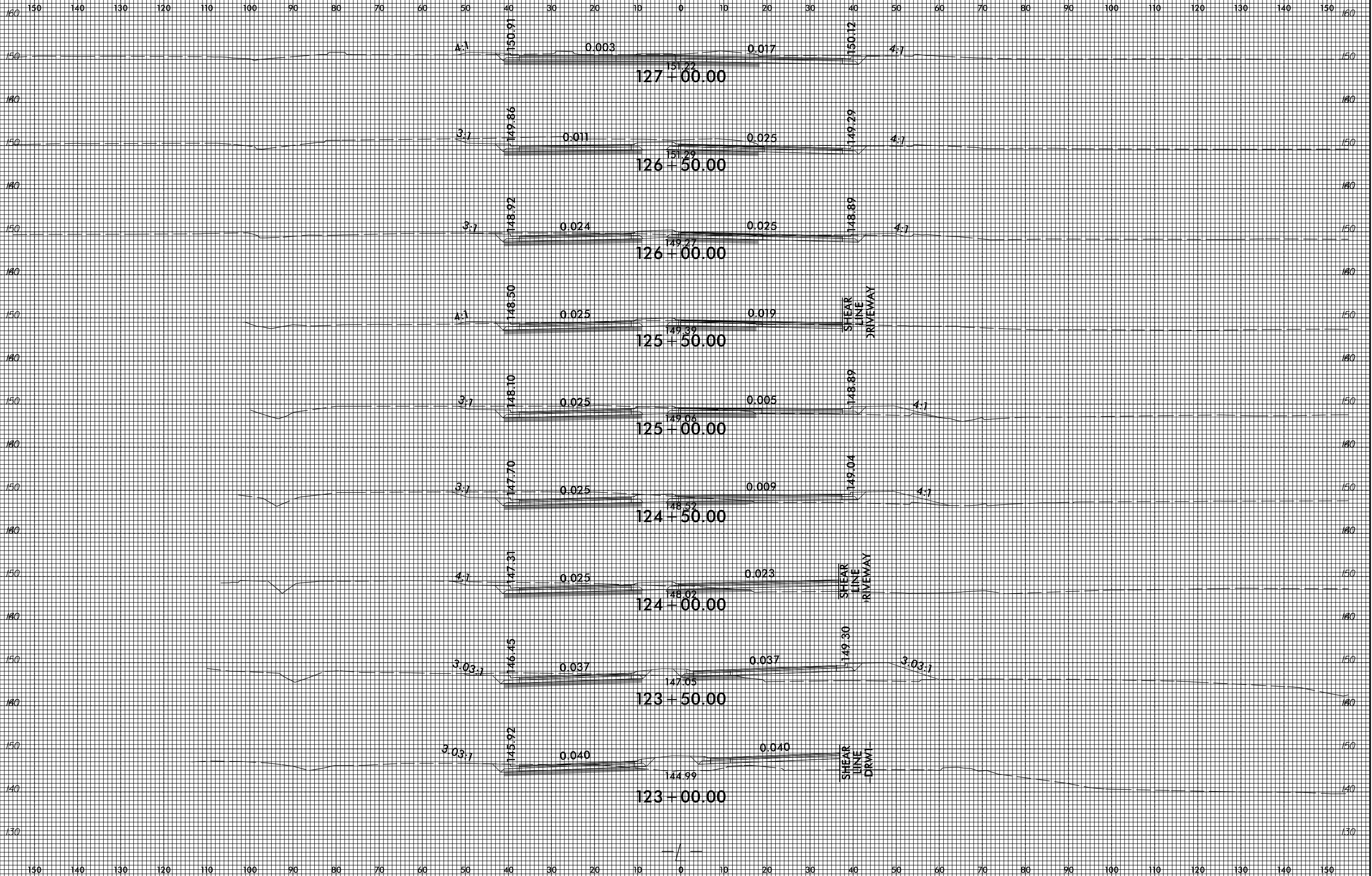














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140

140

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128+00.00

152.26
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3:1

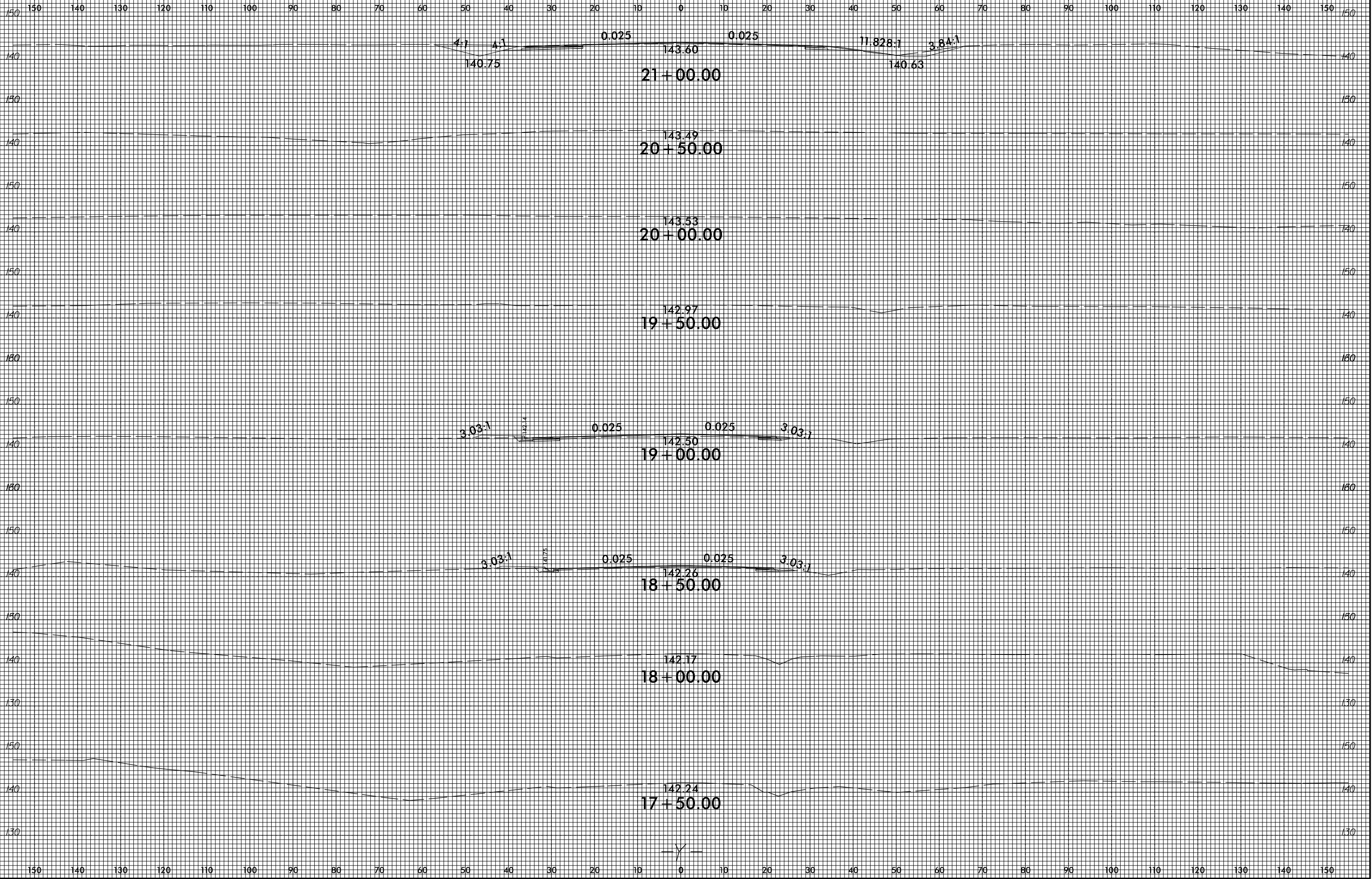
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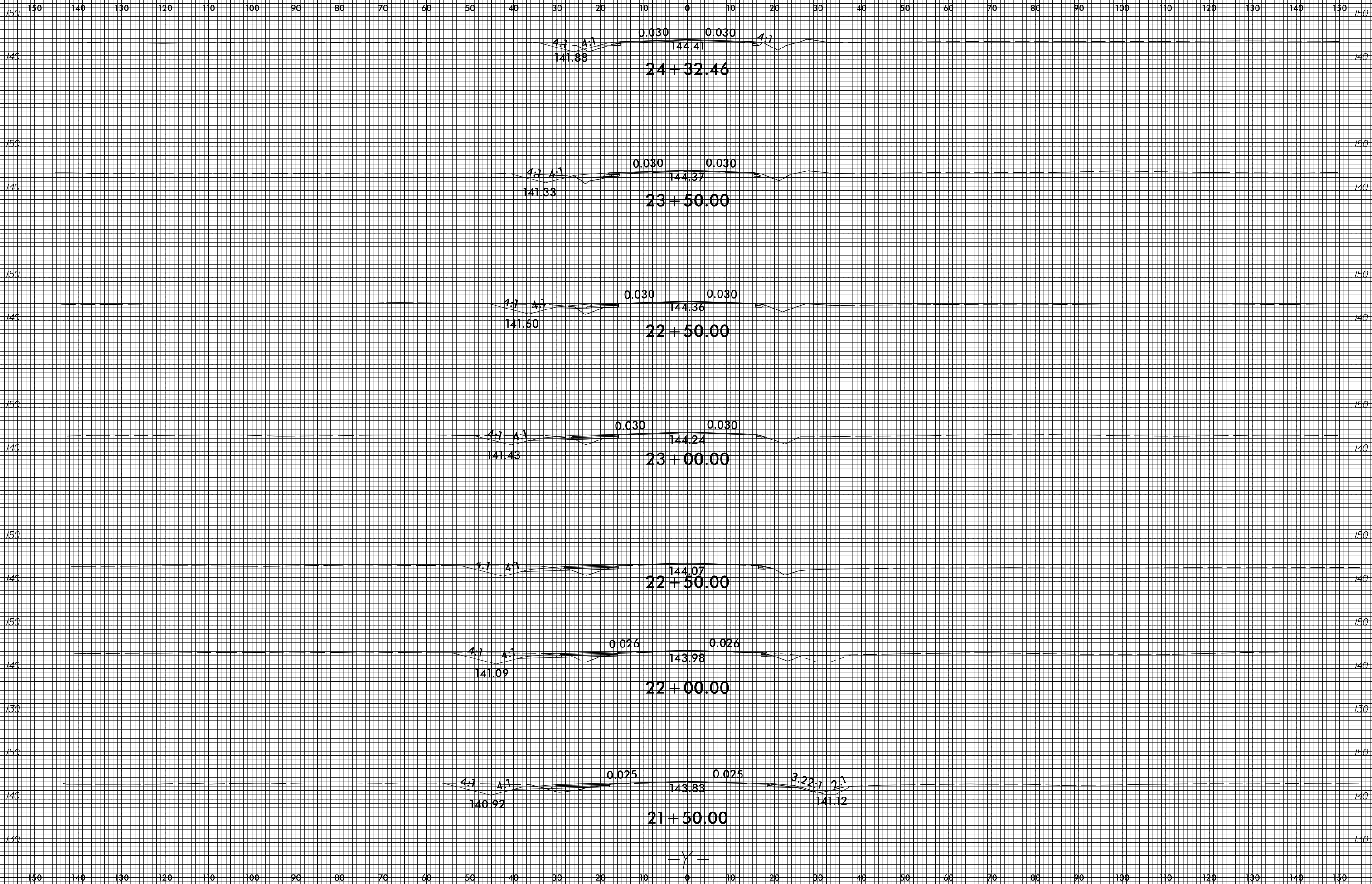
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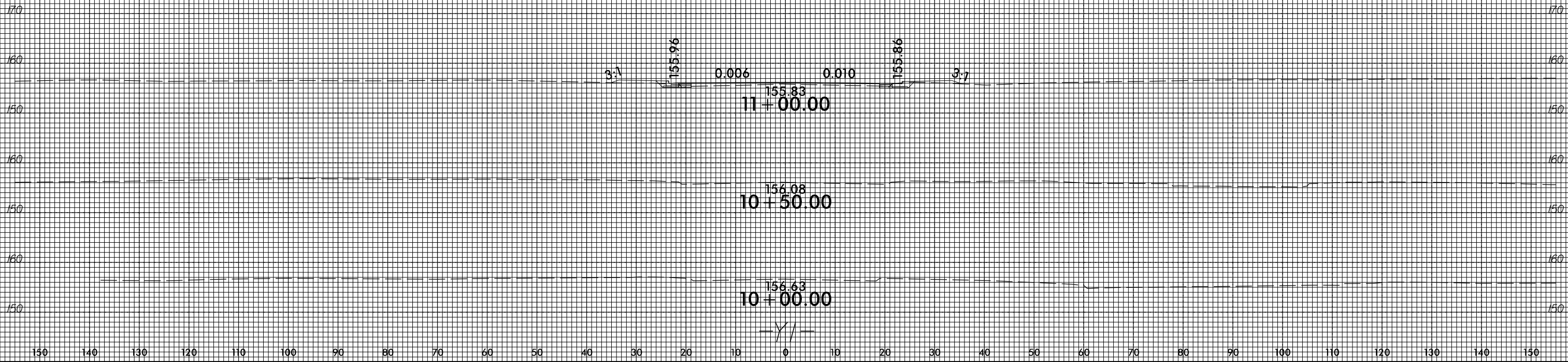
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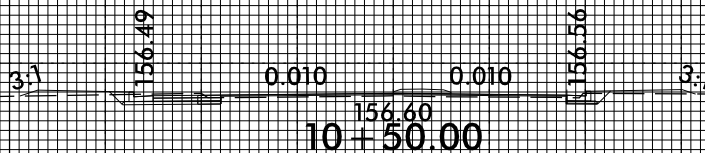
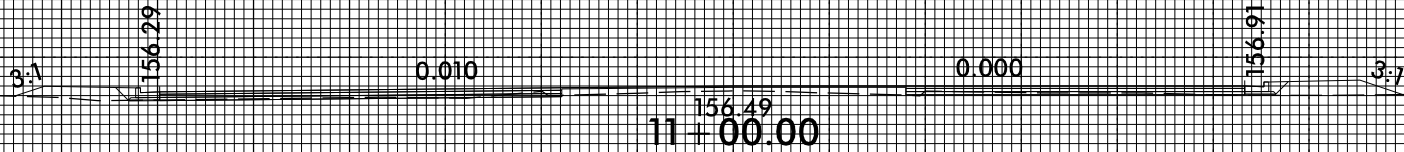
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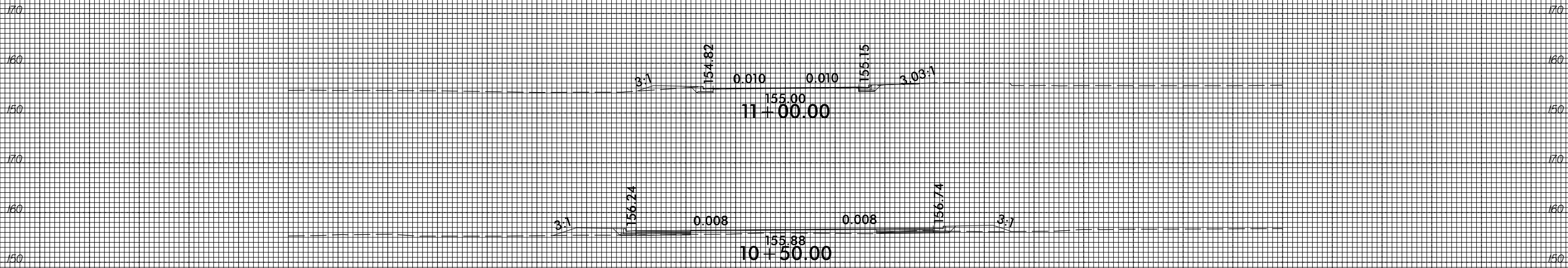
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10+00.00

157.53
9+50.00

157.84
9+00.00

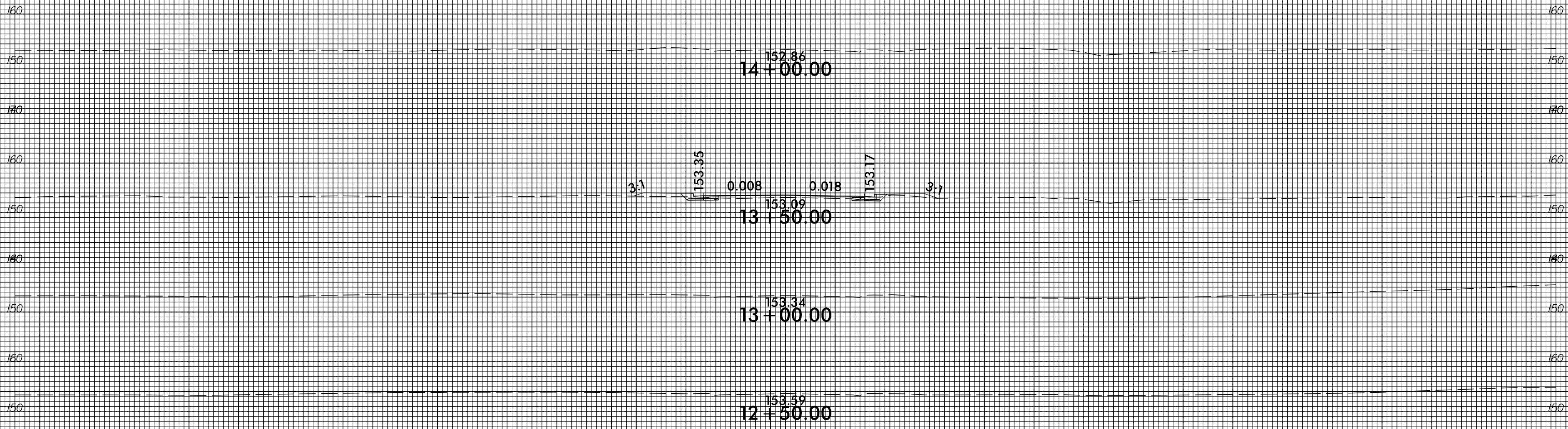
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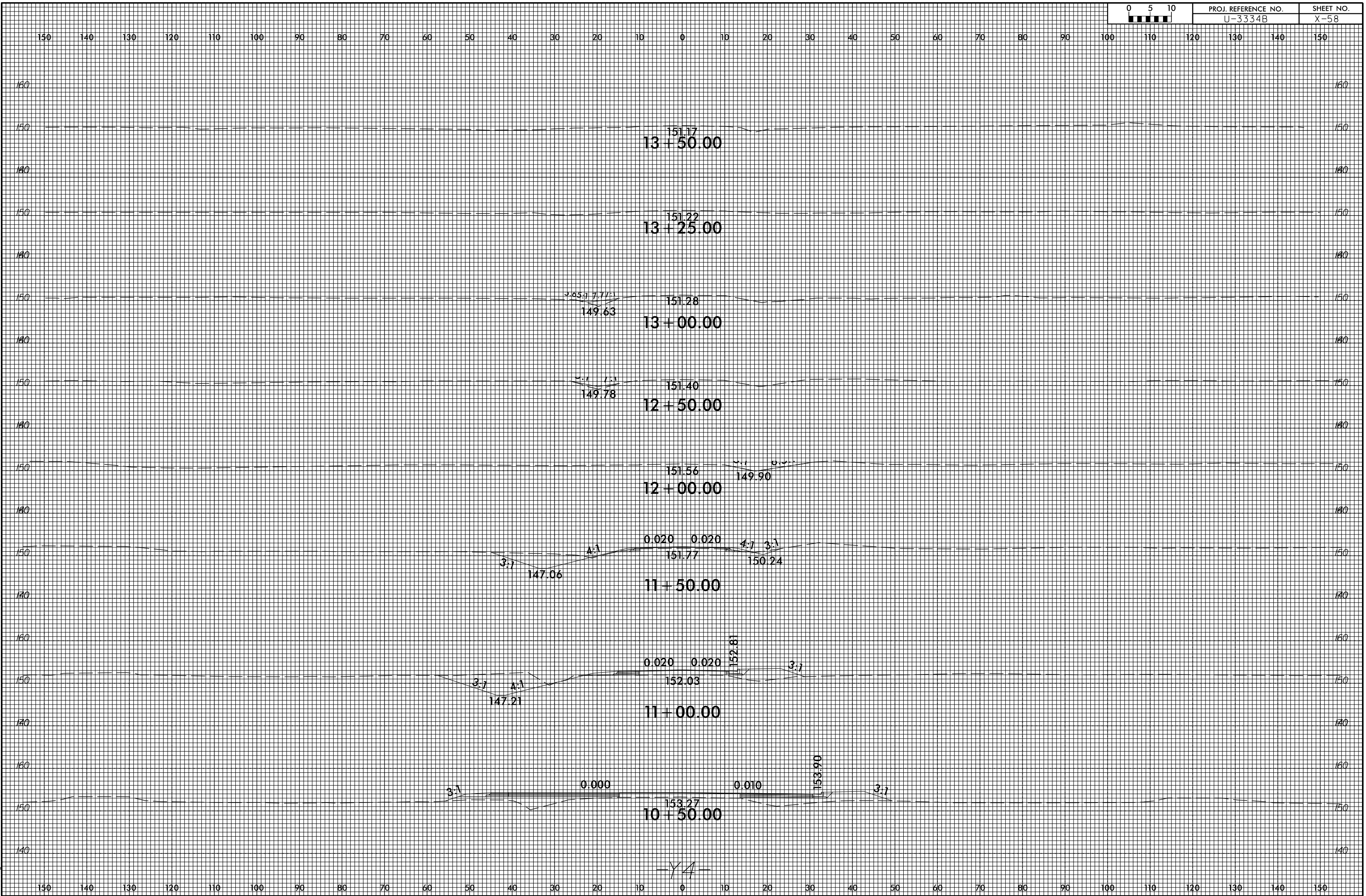
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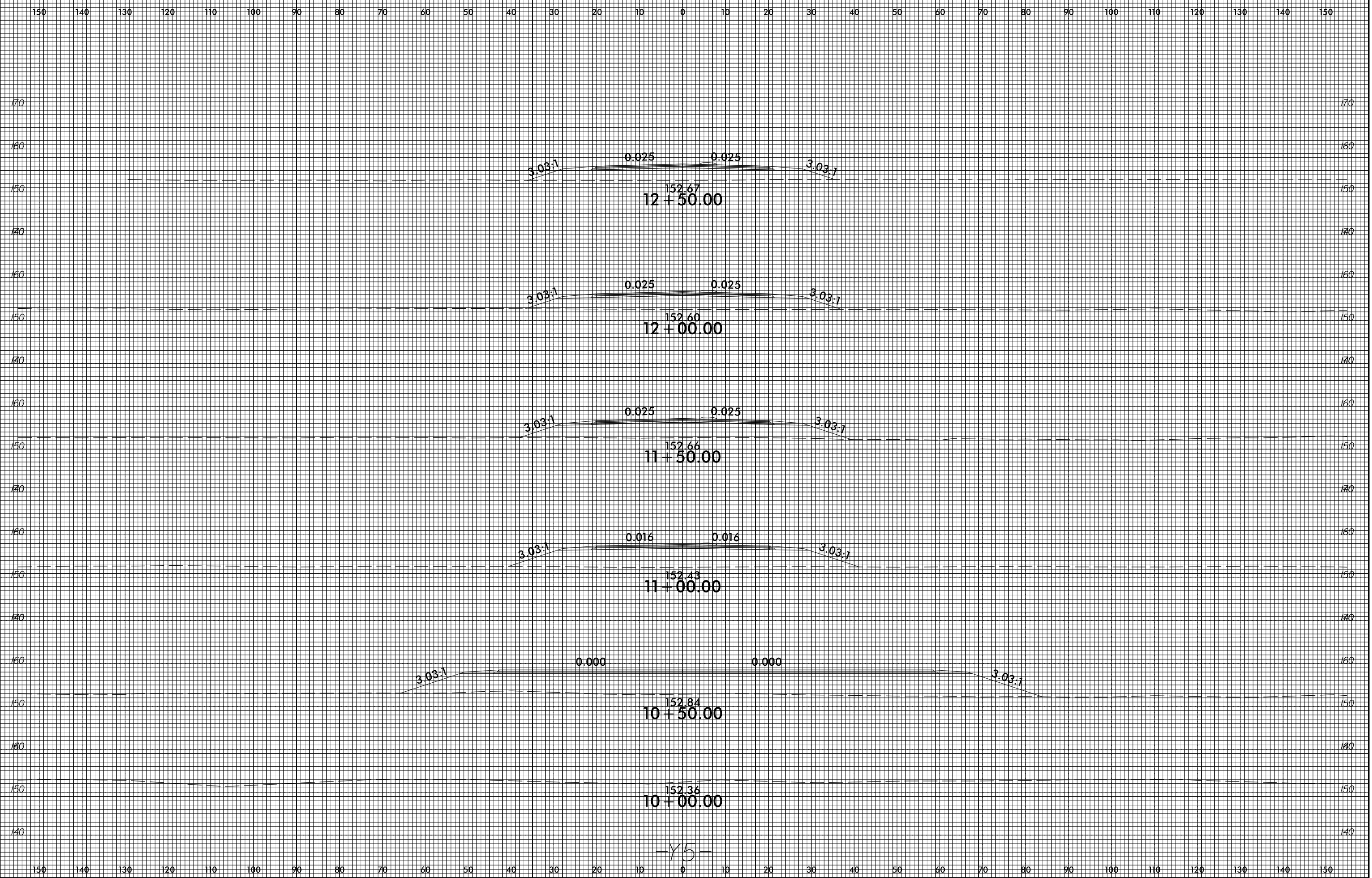
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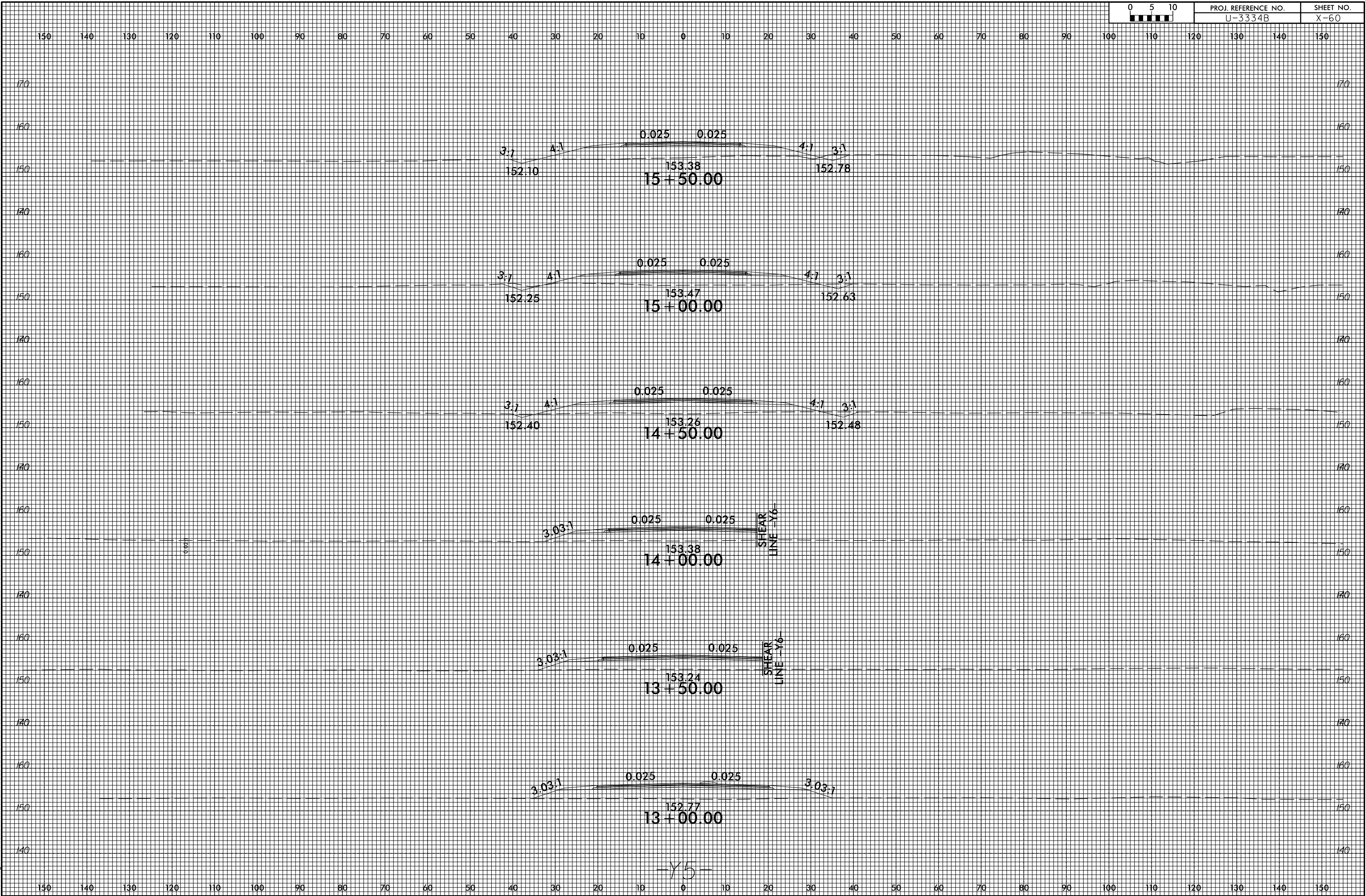
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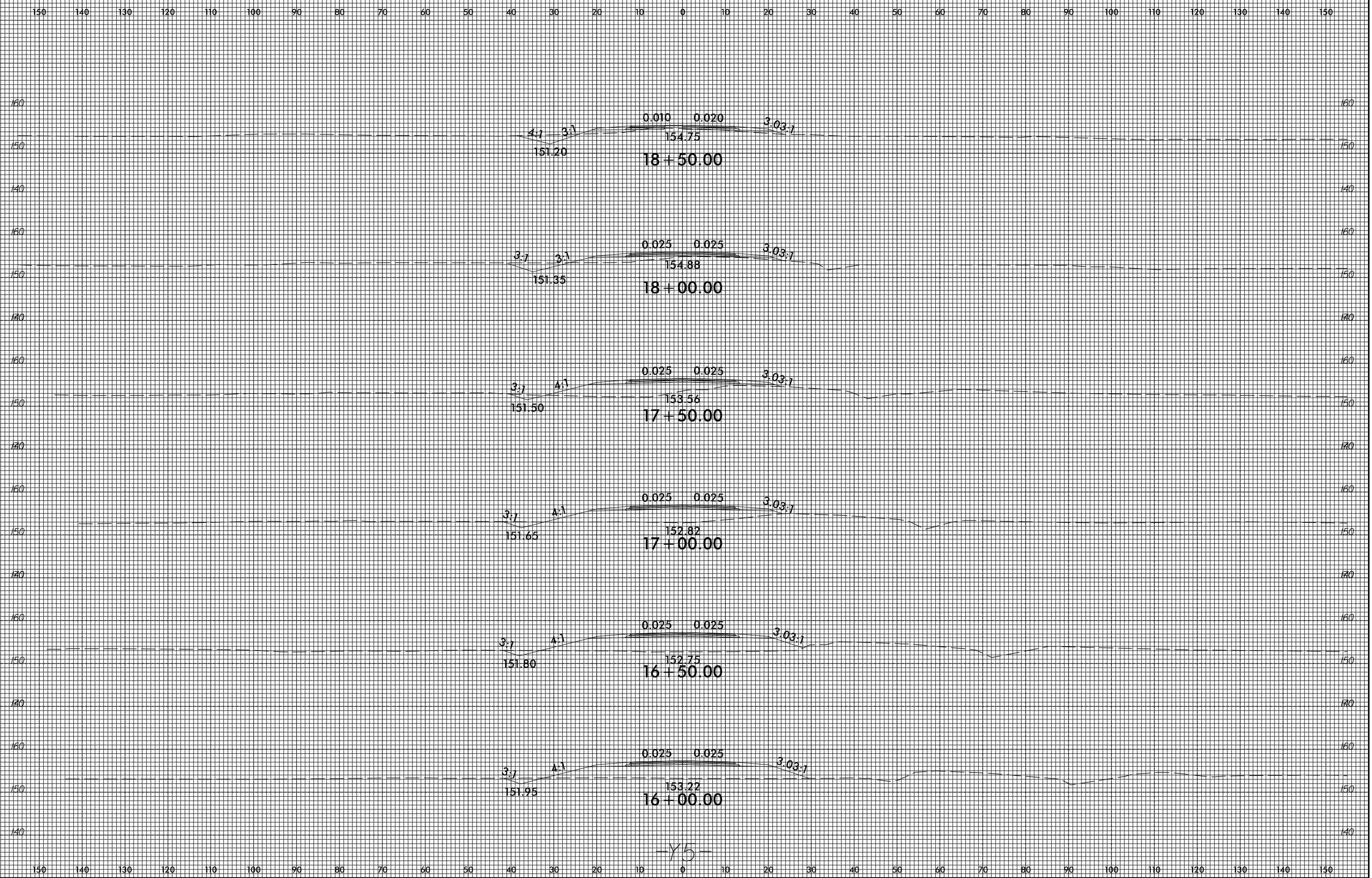




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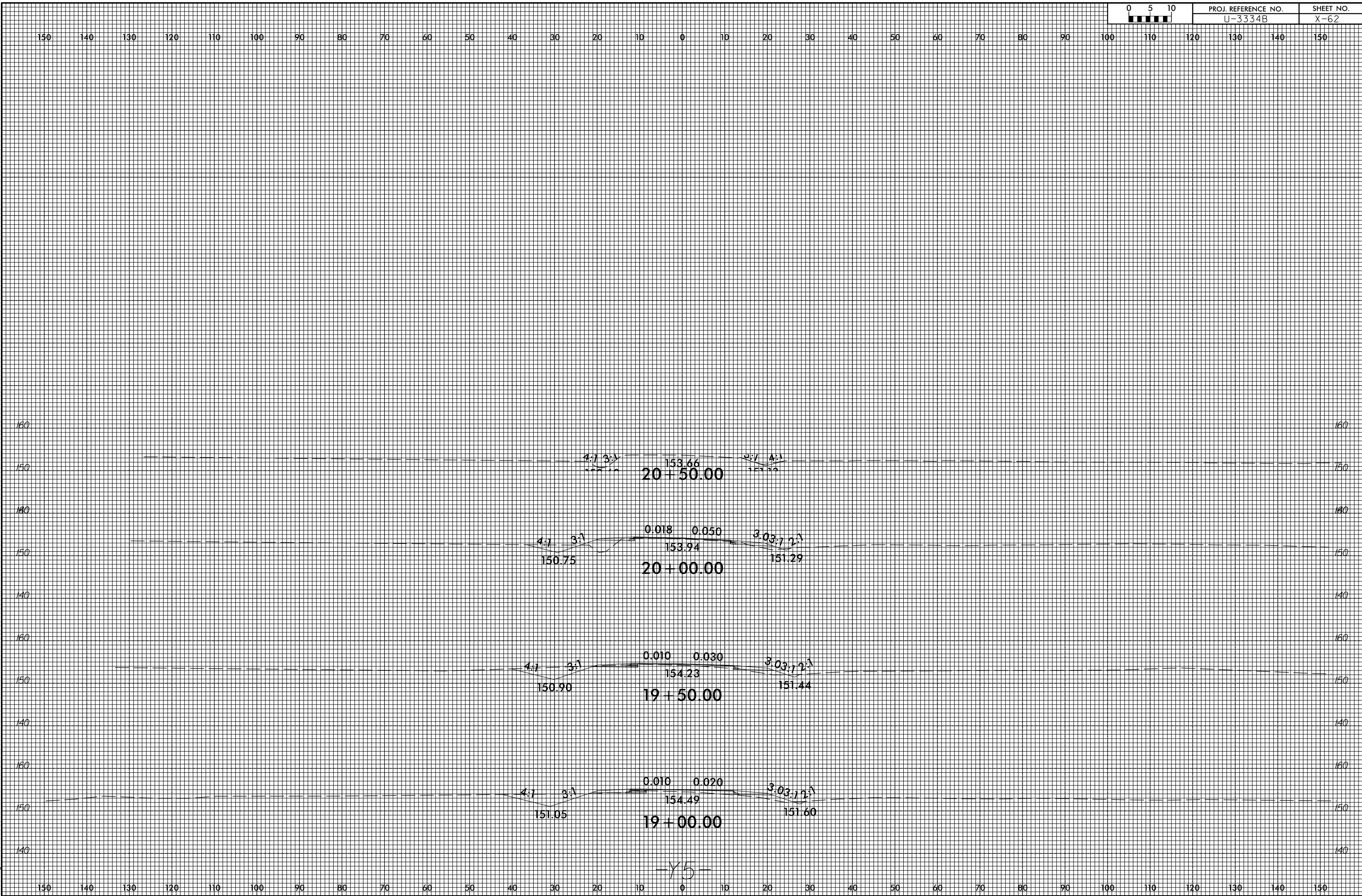


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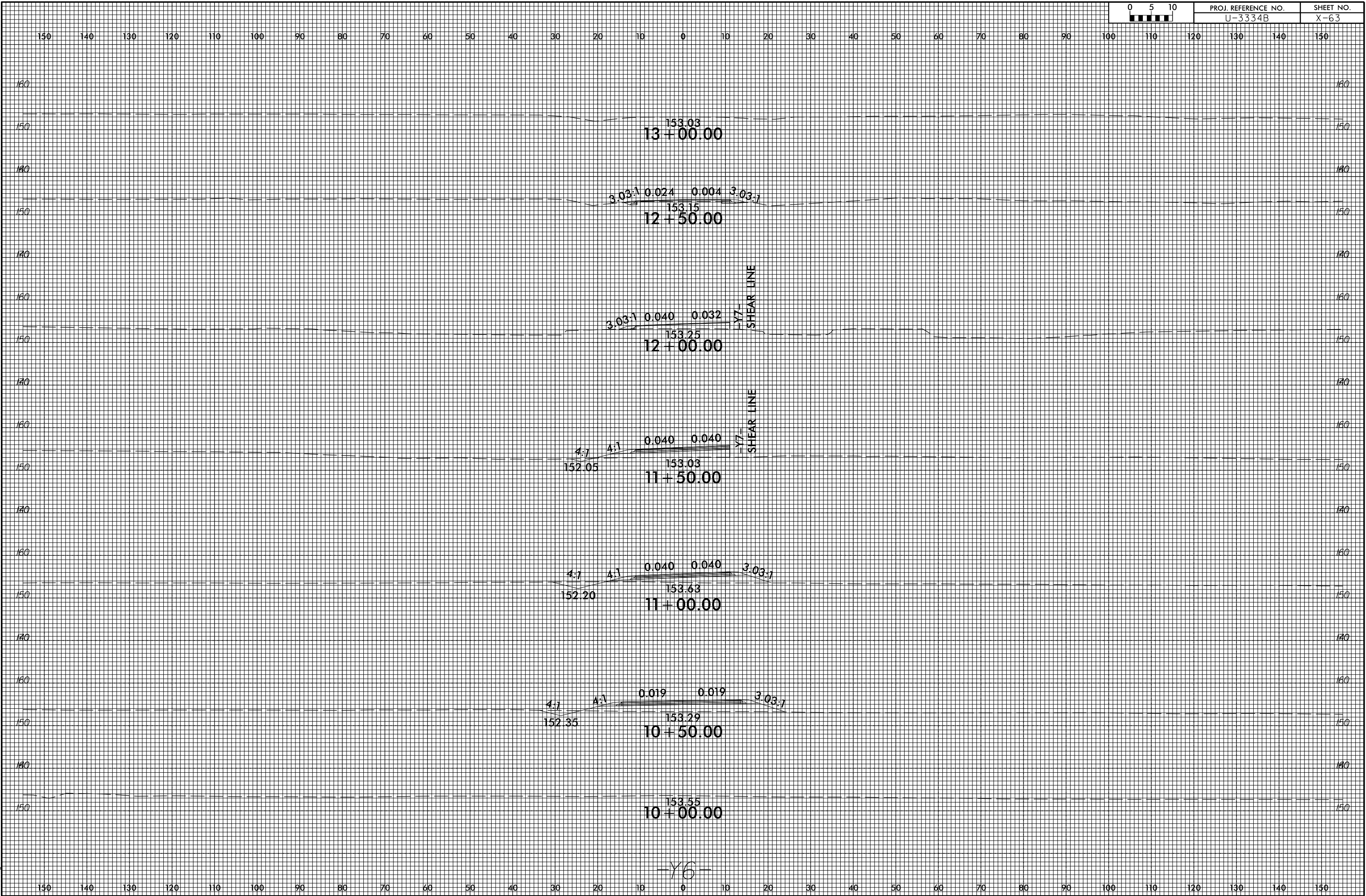
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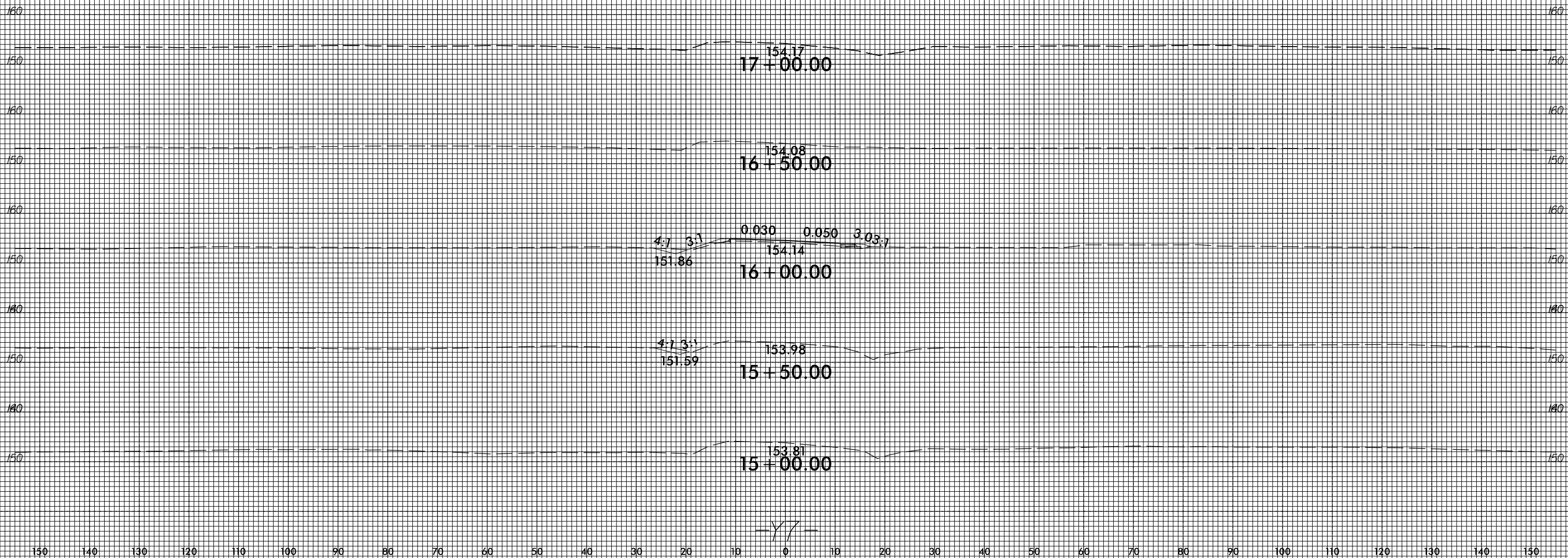
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PROJ. REFERENCE NO.
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SHEET NO.
X-64

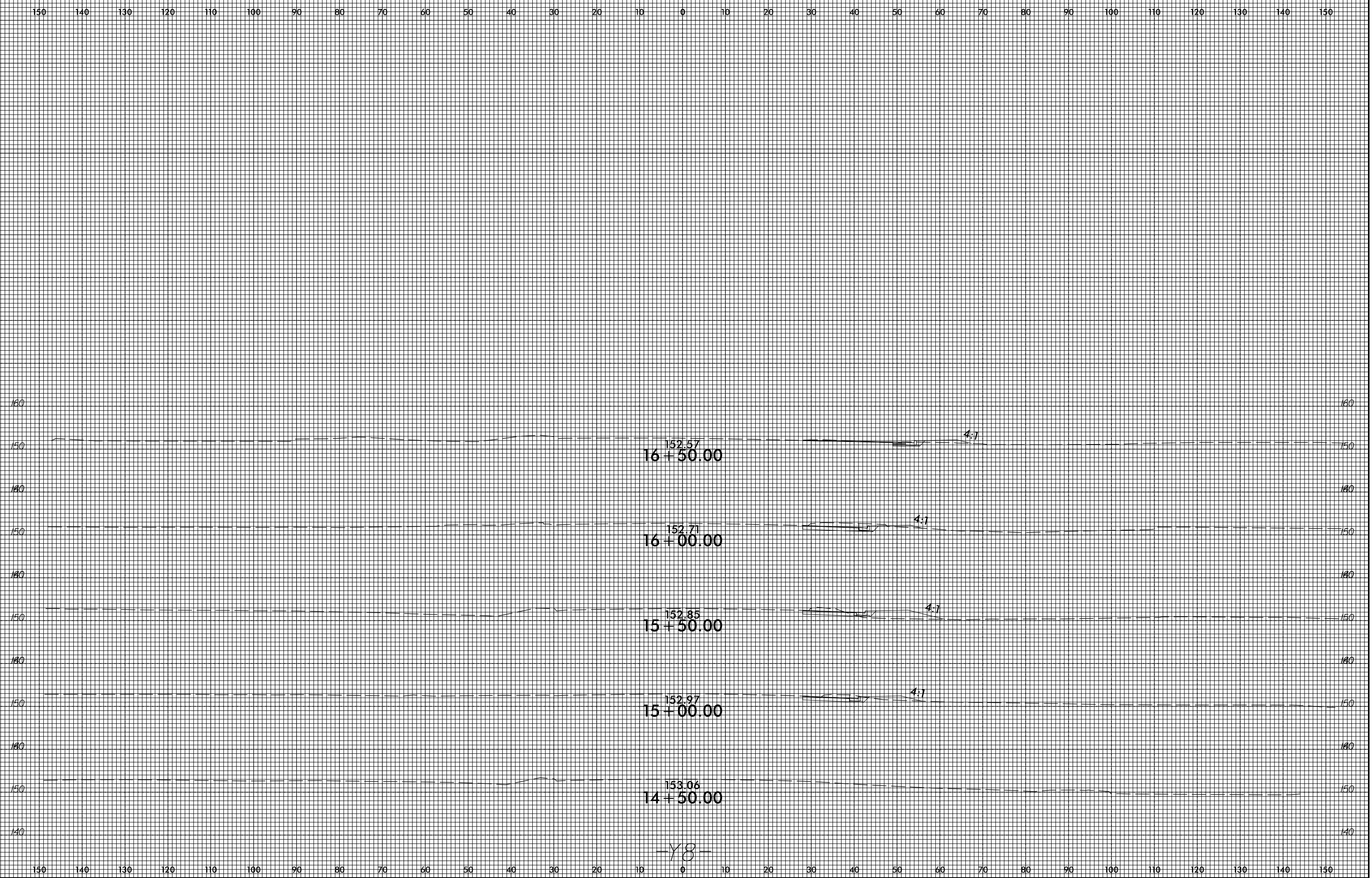
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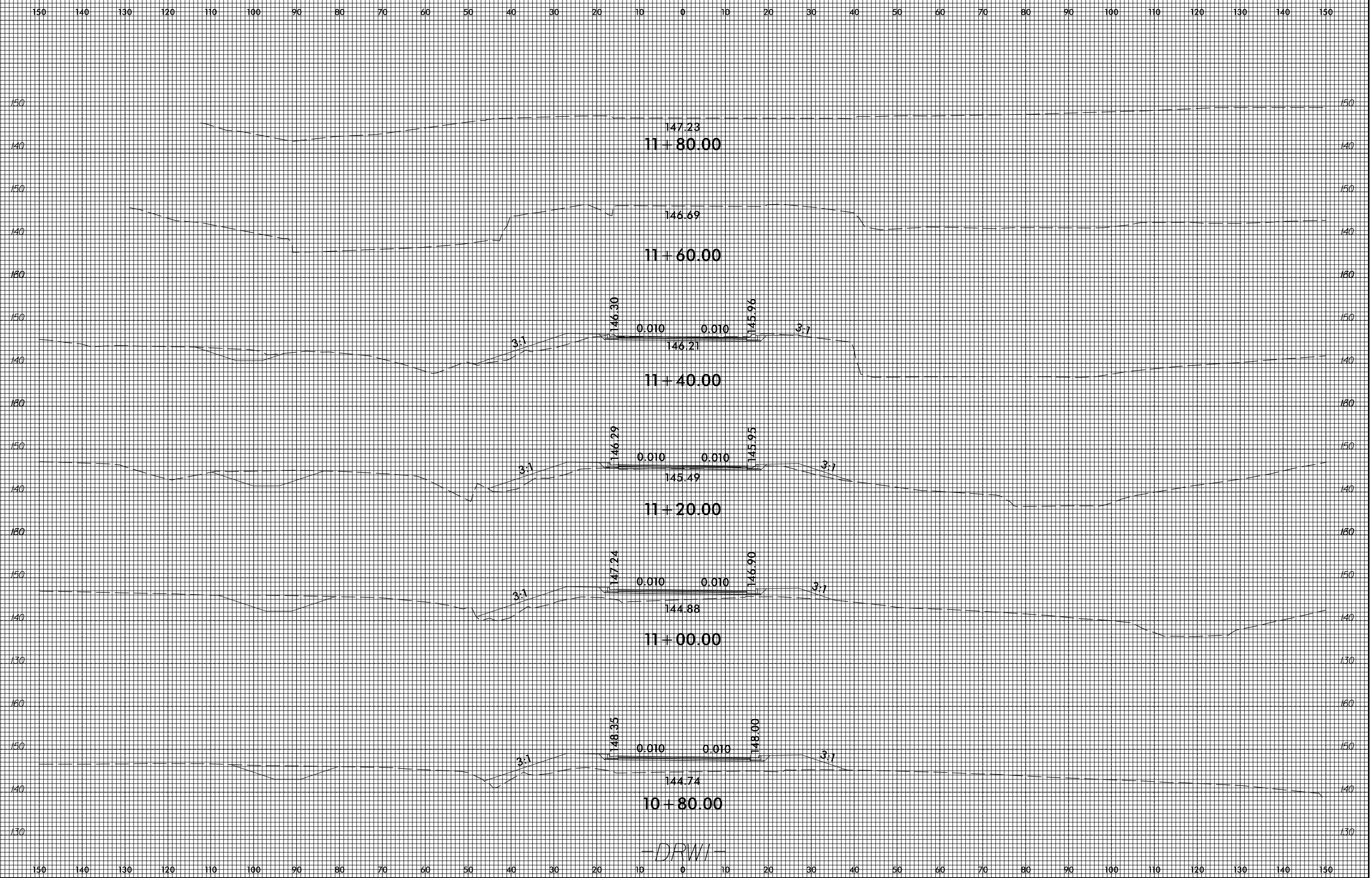


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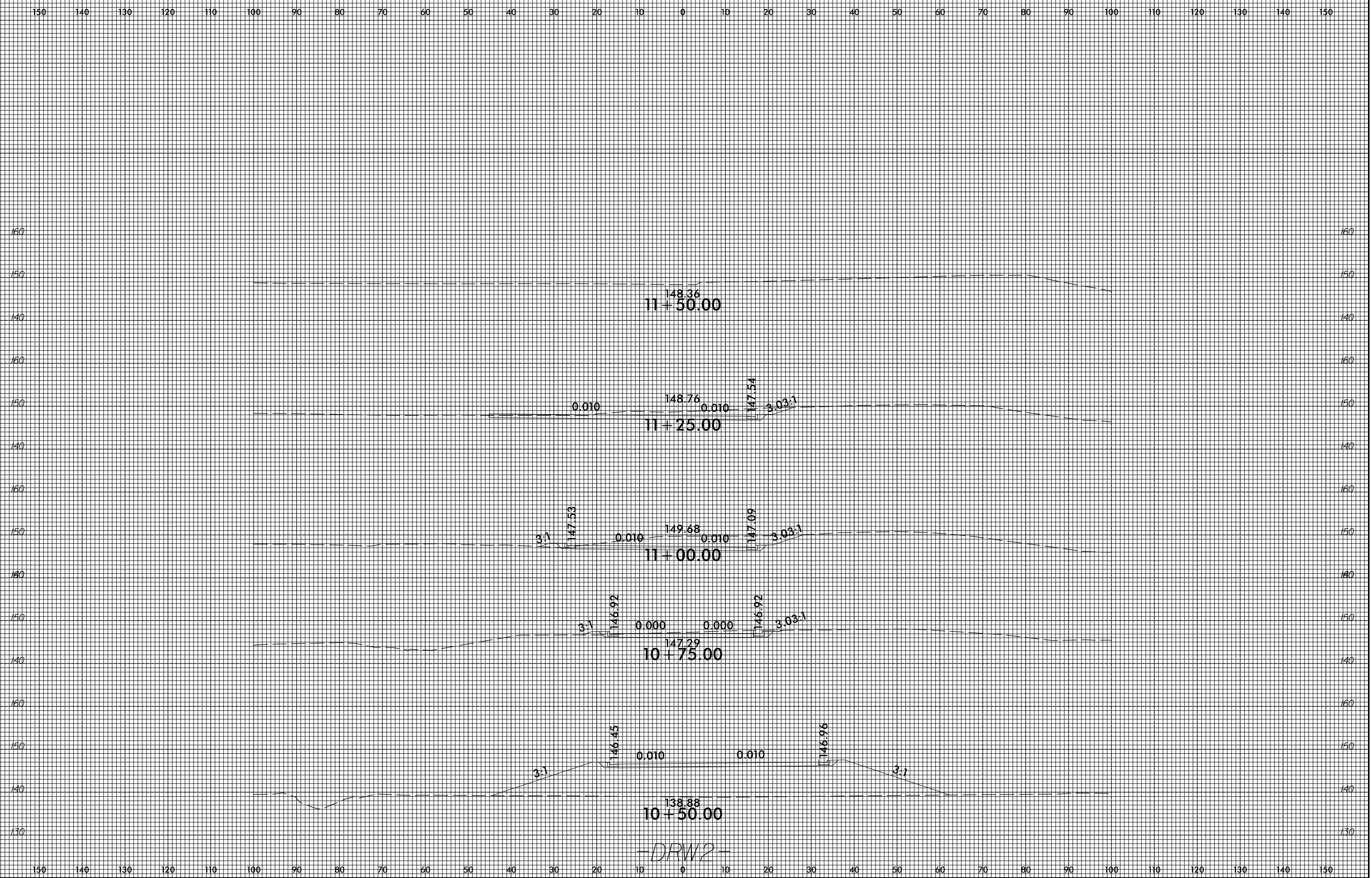
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