

# CROSS SECTION INDEX

## PROJECT NO. R-2582A

<b>ALIGNMENT</b>	<b>SHEET NUMBER</b>	<b>TEMPORARY ALIGNMENT</b>	<b>SHEET NUMBER</b>
L	X-1 TO X-150 SHEET 151 HAS BEEN OMITTED X-152 TO X-233	DET_1	X-314 TO X-316
Y1	X-234 TO X-239	DET_2	X-317 TO X-320
Y2	X-240	DET_3	X-321 TO X-323
Y3	X-241	DET_4A	X-324 TO X-332
Y4	X-242	DET_4B	X-333 TO X-338
Y5	X-243	DET_5	X-339 TO X-343
Y5A	X-244		
Y6	X-245		
Y9	X-246 TO X-253		
Y9LPA	X-254 TO X-255		
Y9LPD	X-256 TO X-258		
Y9RPA	X-259 TO X-262		
Y9RPA_R	X-263 TO X-267		
Y9RPD	X-268 TO X-272		
Y9RPD_R	X-273 TO X-277		
Y10	X-278		
Y11	X-279		
Y13	X-280 TO X-282		
Y13A	X-283 TO X-286		
Y14	X-287 TO X-288		
Y15	X-289		
Y16	X-290 TO X-291		
Y17	X-292		
Y18	X-293		
RPAB_R	X-294 TO X-296		
RPCD_R	X-297 TO X-299		
I95RPA	X-300 TO X-301		
I95RPB	X-302 TO X-304		
I95RPC	X-305 TO X-306		
I95RPD	X-307 TO X-308		
DRIVE	X-309 TO X-313		



**STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS**

**CROSS-SECTION SUMMARY**

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut
L (RT)	(cu. yd.)	(cu. yd.)	(cu. yd.)	L (LT)	(cu. yd.)	(cu. yd.)	(cu. yd.)	L (LT)	(cu. yd.)	(cu. yd.)	(cu. yd.)	L (LT)	(cu. yd.)	(cu. yd.)	(cu. yd.)
126+50.00	12	1054		40+50.00	23	816		66+50.00	350	47	46	93+00.00	375	110	110
127+00.00	4	1119		41+00.00	30	751		67+00.00	390	46	46	93+50.00	410	118	84
127+50.00	0	1124		41+50.00	37	697		67+50.00	395	46	46	94+00.00	287	73	
128+00.00	0	836		42+00.00	22	580		68+00.00	380	44	44	94+50.00	131	83	
128+50.00	0	485		42+50.00	0	458		68+50.00	332	44	44	95+00.00	71	94	
129+00.00	0	491		43+00.00	0	393		69+00.00	278	48	46	95+50.00	61	102	
129+50.00	0	627		43+50.00	0	444		69+50.00	254	50	46	96+00.00	69	93	
130+00.00	0	347		44+00.00	0	500		70+00.00	215	30	23	96+50.00	58	81	
				44+50.00	0	448		70+50.00	177	11		97+00.00	94	66	
				45+00.00	18	491		71+00.00	183	12		97+50.00	149	44	
				45+50.00	34	534		71+50.00	196	10		98+00.00	146	41	15
				46+00.00	28	542		72+00.00	215	8		98+50.00	121	33	19
17+00.00	0	0		46+50.00	23	527		72+50.00	237	9		99+00.00	110	17	4
17+50.00	6	154		47+00.00	24	467		73+00.00	266	6		99+50.00	102	17	
18+00.00	5	199		47+50.00	24	430		73+50.00	292	2		100+00.00	140	25	
18+50.00	2	184		48+00.00	25	420		74+00.00	332	4		100+50.00	130	37	
18+93.88	0	59		48+50.00	13	416		74+50.00	405	5		101+00.00	41	37	
20+29.88	0	0		49+00.00	0	440		75+00.00	486	6		101+50.00	27	40	
20+50.00	9	19		49+50.00	12	532		75+50.00	604	5		102+00.00	50	62	
21+00.00	27	47		50+00.00	26	681		76+00.00	755	6	3	102+50.00	50	55	
21+50.00	8	1		50+50.00	33	775		76+50.00	859	6	3	103+00.00	45	74	
21+72.98	2	0		51+00.00	42	802		77+00.00	831	4	0	103+50.00	21	56	
25+03.63	1	0		51+50.00	48	770		77+50.00	587	31	20	104+00.00	12	53	
25+50.00	16	3		52+00.00	52	698		78+00.00	354	43	31	104+50.00	19	101	
25+60.00	3	1		52+50.00	52	652		78+50.00	301	23	11	105+00.00	22	74	1
26+00.00	16	74		53+00.00	52	643		79+00.00	194	22	0	105+50.00	19	56	1
26+50.00	27	369		53+50.00	52	656		79+50.00	64	34	0	106+00.00	21	53	0
26+67.91	11	200		54+00.00	50	685		80+00.00	18	106	22	106+50.00	32	57	0
28+03.91	0	0		54+50.00	48	719		80+50.00	0	181	39	107+00.00	47	91	17
28+50.00	0	562		55+00.00	38	737		81+00.00	0	204	34	107+50.00	89	117	33
29+00.00	0	649		55+50.00	25	766		81+50.00	0	225	26	108+00.00	147	124	32
29+50.00	0	660		56+00.00	20	791		82+00.00	0	265	8	108+50.00	226	128	32
30+00.00	0	609		56+50.00	19	802		82+50.00	0	331		109+00.00	305	124	36
30+50.00	0	749		57+00.00	19	794		83+00.00	0	395		109+50.00	365	113	41
31+00.00	0	873		57+50.00	22	766		83+50.00	0	449		110+00.00	447	167	117
31+50.00	0	626		58+00.00	27	732		84+00.00	0	493		110+50.00	510	215	188
32+00.00	0	366		58+50.00	27	718		84+50.00	5	544		111+00.00	573	197	185
32+50.00	0	333		59+00.00	21	715		85+00.00	20	586		111+50.00	689	190	185
33+00.00	0	364		59+50.00	18	676	28	85+50.00	46	656		112+00.00	804	186	185
33+50.00	0	388		60+00.00	15	638	82	86+00.00	31	836		112+50.00	912	187	187
34+00.00	0	337		60+50.00	11	413	69	86+50.00	0	869		113+00.00	961	187	187
34+50.00	0	293		61+00.00	5	221	19	87+00.00	0	737		113+50.00	868	185	185
35+00.00	0	308		61+50.00	0	125	6	87+50.00	0	638		114+00.00	667	185	185
35+50.00	0	316		61+50.00	0	127	6	88+00.00	0	542	4	114+50.00	463	186	185
36+00.00	0	314		62+00.00	26	247	11	88+50.00	0	449	7	115+00.00	385	186	185
36+50.00	0	337		62+50.00	110	231	116	89+00.00	0	366	19	115+50.00	287	110	93
37+00.00	0	396		63+00.00	192	206	206	89+50.00	68	311	25	116+00.00	160	41	
37+50.00	0	401		63+50.00	230	169	169	90+00.00	111	219	15	116+50.00	120	42	
38+00.00	15	526		64+00.00	235	119	118	90+50.00	80	163	35	117+00.00	82	37	
38+50.00	27	704		64+50.00	232	79	74	91+00.00	37	90	30	117+50.00	82	51	
39+00.00	19	794		65+00.00	257	64	57	91+50.00	63	245	65	118+00.00	85	60	
39+50.00	8	882		65+50.00	294	56	51	92+00.00	0	0	0	118+50.00	75	52	
40+00.00	12	859		66+00.00	314	49	46	92+50.00	469	543	181	119+50.00	231	96	33



**STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS**

NOTE: EMBANKMENT COLUMN INCLUDES 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
L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L (RT)	(cu. yd.)	(cu. yd.)	(cu. yd.)
213+50.00	270	2781	197	240+50.00	42	739	6	267+00.00	238	919	133	292+00.00	82	501	139
214+00.00	217	2943	174	241+00.00	79	707	14	267+50.00	288	919	69	292+50.00	31	678	3
214+50.00	202	3062	168	241+50.00	148	680	23	268+00.00	207	976	21	293+00.00	102	589	38
215+00.00	186	3051	150	242+00.00	142	672	31	268+50.00	156	1013		293+50.00	175	430	56
215+50.00	142	3081	114	242+50.00	70	690	26	269+00.00	125	997		294+00.00	167	434	231
216+00.00	73	3209	48	243+00.00	35	700	17	269+50.00	92	1024		294+50.00	157	397	261
216+50.00	16	1644	3	243+50.00	34	705	14	270+00.00	96	868	70	295+00.00	182	354	172
217+00.00	0	1963		244+00.00	36	731	13	270+50.00	187	574	211	295+50.00	237	311	242
217+50.00	0	3974		244+50.00	37	883	6	271+00.00	565	483	356	296+00.00	283	303	235
218+00.00	0	4056	5	245+00.00	34	1176		271+50.00	1212	494	472	296+50.00	254	336	181
218+50.00	9	4102	5	245+50.00	26	1539		272+00.00	1991	506	506	297+00.00	194	365	120
219+00.00	17	4097		246+00.00	16	2086		272+50.00	2698	494	494	297+50.00	159	387	81
220+00.00	20	7863		246+50.00	7	3305		273+00.00	2988	494	493	298+50.00	278	896	83
220+50.00	7	3656		247+00.00	0	3112		273+50.00	2815	499	497	299+00.00	70	494	15
221+00.00	12	3445		247+50.00	0	6876		274+00.00	2700	505	505	299+50.00	15	515	
221+50.00	22	3273		248+00.00	0	7673		274+50.00	2926	600	600	300+00.00	15	551	
222+00.00	31	3132	7	248+50.00	0	8240		275+00.00	3120	794	794	300+50.00	12	566	
222+50.00	43	3015	7	249+00.00	0	9037		275+50.00	3142	836	836	301+00.00	10	576	
223+00.00	52	2896		249+50.00	0	9685		276+00.00	2927	549	549	301+50.00	9	578	
223+50.00	45	2819		250+00.00	0	10231		276+50.00	2902	256	256	302+00.00	9	577	
224+00.00	31	2831		250+50.00	0	10656		277+00.00	3656	193	193	302+50.00	5	595	
224+50.00	22	2856		251+00.00	0	10791		277+50.00	4353	144	144	303+00.00	0	623	
225+00.00	19	2787		251+50.00	0	10534		278+00.00	4537	71	71	303+50.00	0	653	
225+50.00	22	2669		252+00.00	0	9756		278+50.00	4697	31	31	304+00.00	0	691	
226+00.00	20	1303		252+50.00	0	8892		279+00.00	4850	5	5	304+50.00	0	725	
226+50.00	25	2315		253+00.00	0	8110		279+50.00	4836	14	1	305+00.00	0	770	
227+00.00	42	1949		253+50.00	0	7273		280+00.00	4180	14	1	305+50.00	0	831	
227+50.00	72	1587		254+00.00	0	6725						306+00.00	9	877	
228+00.00	88	1424		254+50.00	0	6578		<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	306+50.00	9	447	
228+50.00	85	1456		255+00.00	0	6506		<b>L (RT)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	307+00.00	11	484	
229+00.00	71	1478		255+50.00	0	6036		280+50.00	1197	0		307+50.00	21	1027	
229+50.00	31	1370		256+00.00	0	5069		281+00.00	2069	0		308+00.00	26	1031	
230+00.00	0	1171		256+50.00	0	3852		281+50.00	1440	2		308+50.00	34	981	
230+50.00	0	972		257+00.00	3	2846		282+00.00	796	116	106	309+00.00	39	987	
231+00.00	0	872		257+50.00	14	2276		282+50.00	413	241	222	310+00.00	39	969	
231+50.00	0	866		258+00.00	28	2003		283+00.00	335	316	202	310+50.00	34	967	
232+00.00	0	922		258+50.00	27	1921		283+50.00	186	415	107	311+00.00	31	995	
232+50.00	17	1015		259+00.00	17	1764		284+00.00	37	603	22	311+50.00	28	1026	
233+00.00	30	1119		260+00.00	14	1577		284+50.00	0	869		312+00.00	24	1047	
234+00.00	28	1195		260+50.00	24	1365	4	285+00.00	0	1180		312+50.00	19	1073	
234+50.00	33	1238		261+00.00	81	1228	25	285+50.00	0	1426		313+00.00	14	1094	
235+00.00	40	1253		261+50.00	117	1181	54	286+00.00	0	1584		313+50.00	12	1116	
235+50.00	43	1245		262+00.00	101	1163	63	287+00.00	0	978		314+00.00	12	1134	
236+00.00	48	1259		262+50.00	87	1099	48	287+50.00	0	2041		314+50.00	11	1151	
236+50.00	65	1300	1	263+00.00	38	988	20	288+00.00	0	2117	21	315+00.00	11	1150	
237+00.00	65	1270	1	263+50.00	0	956	3	288+50.00	0	2136	33	315+50.00	6	1137	
237+50.00	56	1260		264+00.00	0	1063		289+00.00	0	1939	33	316+00.00	0	1124	
238+00.00	45	1254		264+50.00	0	1189		289+50.00	0	1242	21	316+50.00	14	1110	
238+50.00	56	1095		265+00.00	0	1253		290+00.00	152	680	90	317+00.00	23	1141	
239+00.00	56	915		265+50.00	0	1217		290+50.00	544	517	194	317+50.00	16	1217	
239+50.00	38	816	1	266+00.00	8	1053		291+00.00	599	415	207	318+00.00	10	1244	
240+00.00	41	769	2	266+50.00	78	948	85	291+50.00	278	398	242	318+50.00	4	1162	

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b> R-2582A	<b>SHEET NO.</b> X-1E
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NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

### CROSS-SECTION SUMMARY

Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
319+00.00	13	1083		345+50.00	27	470		372+00.00	16	706		398+50.00	23	745	
319+50.00	27	1042		346+00.00	43	418		372+50.00	18	726		399+00.00	18	715	
320+00.00	31	996		346+50.00	58	395	11	373+00.00	11	778		399+50.00	6	731	
320+50.00	40	963		347+00.00	55	403	13	373+50.00	3	854		400+00.00	13	700	
321+00.00	45	935		347+50.00	35	444	8	374+00.00	0	963		400+50.00	37	635	
321+50.00	50	923		348+00.00	11	482	2	374+50.00	6	1038		401+00.00	44	611	
322+00.00	52	906		348+50.00	16	423		375+00.00	16	1052		401+50.00	41	566	
322+50.00	55	904		349+00.00	34	342		375+50.00	19	1035		402+00.00	29	565	
323+00.00	57	923		349+50.00	42	397		376+00.00	19	968		402+50.00	7	503	13
323+50.00	53	943		350+00.00	36	503		376+50.00	19	746		403+00.00	0	441	13
324+00.00	49	926		350+50.00	20	558		377+00.00	23	551		403+50.00	14	463	10
324+50.00	52	878		351+00.00	11	590		377+50.00	24	606		404+00.00	66	443	28
325+00.00	50	706		351+50.00	6	597		378+00.00	24	641		404+50.00	104	419	37
325+50.00	39	538		352+00.00	4	594		378+50.00	26	573		405+00.00	103	408	222
326+00.00	17	388		352+50.00	2	568		379+00.00	31	514	13	405+50.00	102	410	232
326+50.00	0	371		353+00.00	5	483		379+50.00	68	425	200	406+00.00	102	422	244
327+00.00	0	464		353+50.00	10	390		380+00.00	97	366	196	406+50.00	33	409	215
327+50.00	18	523		354+00.00	48	341	141	380+50.00	56	344	12	407+00.00	70	446	226
328+00.00	30	615		354+50.00	98	309	262	381+00.00	13	318	6	407+50.00	69	461	20
328+50.00	21	624		355+00.00	130	275	234	381+50.00	6	289	128	408+00.00	32	478	13
329+00.00	18	619		355+50.00	127	266	218	382+00.00	16	254	125	408+50.00	36	524	4
329+50.00	16	617		356+00.00	160	271	215	382+50.00	14	232		409+00.00	39	562	
330+00.00	22	605		356+50.00	215	277	218	383+00.00	1	249		409+50.00	39	607	
330+50.00	28	583		357+00.00	163	299	222	383+50.00	0	293		410+00.00	40	638	
331+00.00	27	582		357+50.00	122	324	229	384+00.00	0	342		410+50.00	31	684	
331+50.00	29	605		358+00.00	124	343	237	384+50.00	0	407		411+00.00	15	772	
332+00.00	29	642		358+50.00	105	367	312	385+00.00	0	471		411+50.00	6	809	
332+50.00	27	656		359+00.00	90	395	395	385+50.00	0	519		412+00.00	9	781	
333+00.00	26	648		359+50.00	82	435	224	386+00.00	0	588		412+50.00	11	763	
333+50.00	24	569		360+00.00	41	489	23	386+50.00	0	665		413+00.00	11	752	
334+00.00	22	492		360+50.00	4	533	6	387+00.00	0	747		413+50.00	27	746	
334+50.00	26	539		361+00.00	9	555		387+50.00	0	832		414+00.00	32	719	
335+00.00	34	574		361+50.00	13	581		388+00.00	0	923		414+50.00	36	643	1
335+50.00	44	572		362+00.00	21	666		388+50.00	0	1023		415+00.00	51	583	3
336+00.00	60	535		362+50.00	16	711		389+00.00	0	1105		415+50.00	68	523	11
336+50.00	35	244		363+00.00	7	705		389+50.00	0	1145		416+00.00	110	480	19
337+00.00	31	306		363+50.00	17	700		390+00.00	0	1176		416+50.00	168	436	211
337+50.00	60	611		364+00.00	18	669		390+50.00	0	1225		417+00.00	181	381	278
338+00.00	64	586		364+50.00	16	652		391+00.00	0	1213		417+50.00	202	344	155
338+50.00	56	566		365+00.00	23	606		391+50.00	3	1178		418+00.00	243	335	210
339+00.00	29	532		365+50.00	35	561		392+00.00	6	1148		418+50.00	186	368	170
339+50.00	51	456	207	366+00.00	45	592		392+50.00	7	1103		419+00.00	103	458	42
340+00.00	117	395	270	366+50.00	24	313		393+00.00	6	1076		419+50.00	70	590	6
340+50.00	168	371	154	367+00.00	4	433		393+50.00	6	1060		420+00.00	89	578	5
341+00.00	145	352	187	367+50.00	9	906		394+00.00	7	1037		420+50.00	151	548	2
341+50.00	106	361	149	368+00.00	14	966		394+50.00	9	1024		421+00.00	231	557	19
342+00.00	69	418	60	368+50.00	8	996		395+00.00	9	1024		421+50.00	347	552	38
342+50.00	46	447	7	369+00.00	0	1047		395+50.00	10	993		422+00.00	422	631	32
343+00.00	58	463		369+50.00	0	1076		396+00.00	12	941		422+50.00	417	644	21
343+50.00	43	493		370+00.00	1	1044		396+50.00	6	458		423+00.00	344	662	8
344+00.00	28	502		370+50.00	2	963		397+00.00	7	418		423+50.00	218	812	
344+50.00	21	500		371+00.00	4	852		397+50.00	18	819		424+00.00	106	1003	
345+00.00	20	498		371+50.00	9	756		398+00.00	21	784		424+50.00	41	1087	

**STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS**

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-2582A	X-1F

NOTE: EMBANKMENT COLUMN INCLUDES 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
L (RT)	(cu. yd.)	(cu. yd.)	(cu. yd.)	L (LT)	(cu. yd.)	(cu. yd.)	(cu. yd.)	L (LT)	(cu. yd.)	(cu. yd.)	(cu. yd.)	L (LT)	(cu. yd.)	(cu. yd.)	(cu. yd.)
425+00.00	20	936		286+00.00	0	494		313+00.00	41	635		339+50.00	22	273	
425+50.00	45	700		287+00.00	0	241	11	313+50.00	44	586		340+00.00	12	130	
426+00.00	99	570		287+50.00	13	458	11	314+00.00	41	595		340+50.00	12	113	
426+50.00	65	267		288+00.00	33	394	0	314+50.00	35	673		341+00.00	23	211	
427+00.00	39	273		288+50.00	69	337	1	315+00.00	35	688		341+50.00	22	188	
427+50.00	65	557		289+00.00	105	312	2	315+50.00	40	695		342+00.00	23	168	
428+00.00	45	543		289+50.00	102	303	2	316+00.00	45	694		342+50.00	12	169	
428+50.00	33	499		290+00.00	110	289	6	316+50.00	44	677		343+00.00	18	170	
429+00.00	19	472	1	290+50.00	114	258	10	317+00.00	39	779		343+50.00	52	160	
429+50.00	5	451	1	291+00.00	109	233	13	317+50.00	30	889		344+00.00	77	156	
430+00.00	10	455		291+50.00	139	218	16	318+00.00	33	869		344+50.00	87	139	
430+50.00	23	478		292+00.00	149	158	19	318+50.00	20	806		345+00.00	88	126	
431+00.00	31	511		292+50.00	152	90	24	319+00.00	6	778		345+50.00	87	121	
431+50.00	47	586		293+00.00	145	81	27	319+50.00	15	779		346+00.00	84	119	7
432+00.00	61	684		293+50.00	123	91	29	320+00.00	18	743		346+50.00	70	117	10
432+50.00	68	773		294+00.00	125	87	31	320+50.00	24	702		347+00.00	46	109	1
433+00.00	68	894		294+50.00	136	81	34	321+00.00	29	656		347+50.00	28	106	
433+50.00	57	1069		295+00.00	141	74	35	321+50.00	37	612		348+00.00	15	98	
434+00.00	50	1395		295+50.00	116	71	35	322+00.00	49	576		348+50.00	5	85	
434+50.00	31	1467		296+00.00	114	68	36	322+50.00	48	534		349+00.00	0	76	
435+00.00	27	1090		296+50.00	94	69	36	323+00.00	49	469		349+50.00	3	72	
435+50.00	41	738		297+00.00	42	72	34	323+50.00	65	396		350+00.00	7	66	
436+00.00	52	540	1	297+50.00	22	69	17	324+00.00	93	339		350+50.00	10	59	
436+50.00	57	475	3	298+00.00	13	76		324+50.00	55	229		351+00.00	18	56	
437+00.00	52	483	4	298+50.00	23	83		325+00.00	0	197		351+50.00	24	56	
437+50.00	41	505	3	299+00.00	20	90		325+50.00	0	242		352+00.00	23	55	
438+00.00	39	504	9	299+50.00	9	107		326+00.00	0	273		352+50.00	22	35	
438+50.00	32	519	13	300+00.00	14	112		326+50.00	0	338		353+00.00	18	27	
439+00.00	16	528	13	300+50.00	22	92		327+00.00	0	371		353+50.00	16	36	12
439+50.00	68	481	235	301+00.00	26	91		327+50.00	0	377		354+00.00	23	33	21
440+00.00	69	435	256	301+50.00	25	104		328+00.00	0	360		354+50.00	41	31	24
440+50.00	18	406	84	302+00.00	23	152		328+50.00	0	338		355+00.00	52	31	30
441+00.00	68	394	251	302+50.00	23	203		329+00.00	0	312		355+50.00	50	31	31
441+50.00	67	426	218	303+00.00	23	219		329+50.00	0	285		356+00.00	40	36	31
442+00.00	14	517	58	303+50.00	26	241		330+00.00	14	266		356+50.00	22	44	26
442+50.00	15	582	72	304+00.00	42	231		330+50.00	27	260		357+00.00	13	51	17
443+00.00	31	497	35	304+50.00	96	209		331+00.00	29	265		357+50.00	17	69	20
443+89.29	38	361		305+00.00	96	219		331+50.00	32	269		358+00.00	16	89	15
				305+50.00	34	269		332+00.00	35	274		358+50.00	10	134	
				306+00.00	21	326		332+50.00	33	302		359+00.00	12	183	
				306+50.00	26	369		333+00.00	29	353		359+50.00	10	202	
				307+00.00	27	412		333+50.00	26	466		360+00.00	7	212	
280+50.00	348	33		307+50.00	29	445		334+00.00	23	552		360+50.00	6	208	
281+00.00	585	94		308+00.00	53	477		334+50.00	21	418		361+00.00	6	197	
281+50.00	389	142		308+50.00	57	497		335+00.00	20	291		361+50.00	8	182	
282+00.00	211	194	8	309+00.00	40	511		335+50.00	21	308		362+00.00	7	168	
282+50.00	59	243	8	309+50.00	44	525		336+00.00	19	320		362+50.00	8	160	
283+00.00	0	300		310+00.00	23	265		336+50.00	15	323		363+00.00	13	157	
283+50.00	0	391		310+50.00	23	285		337+00.00	13	320		363+50.00	21	156	
284+00.00	0	456		311+00.00	44	581		337+50.00	12	319		364+00.00	30	157	
284+50.00	0	469		311+50.00	44	600		338+00.00	15	316		364+50.00	35	165	
285+00.00	0	479		312+00.00	45	615		338+50.00	17	308		365+00.00	42	173	
285+50.00	0	493		312+50.00	44	622		339+00.00	19	296		365+50.00	65	181	





## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-2582A	X-1H

NOTE: EMBANKMENT COLUMN INCLUDES 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
L_Cr_Ebl	(cu. yd.)	(cu. yd.)	(cu. yd.)	Y1	(cu. yd.)	(cu. yd.)	(cu. yd.)	Y6	(cu. yd.)	(cu. yd.)	(cu. yd.)	Y9	(cu. yd.)	(cu. yd.)	(cu. yd.)
14+50.00	14	419		26+50.00	30	167	128	10+50.00	0	0	0	33+50.00	104	94	53
15+00.00	12	387		27+00.00	45	158	149	11+00.00	0	519	24	34+00.00	118	92	55
15+50.00	13	341		27+50.00	70	156	153	11+50.00	0	309	59	34+50.00	116	87	55
16+50.00	39	463		28+00.00	89	157	149	12+00.00	9	85	70	35+00.00	75	70	50
17+00.00	29	117		28+50.00	77	158	149					35+50.00	31	55	46
17+50.00	34	113		28+81.00	18	49	47	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>				
18+00.00	43	105						<b>Y9</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>
18+50.00	64	75		<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>					<b>Y9_Lpa</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
19+00.00	69	52						13+00.00	0	0					
19+50.00	32	71		<b>Y2</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	13+50.00	67	51	46	12+50.00	0	0	
20+00.00	3	136		13+00.00	0	0		14+00.00	77	53	46	13+00.00	0	3791	
20+50.00	2	150		13+50.00	22	64		14+50.00	90	38	29	13+50.00	0	3412	
21+00.00	2	142		13+93.92	8	55		15+00.00	99	60	37	14+00.00	0	2741	
21+50.00	2	153						15+50.00	119	109	66	14+50.00	0	1976	
22+00.00	1	143		<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	16+00.00	142	120	69	15+00.00	0	1372	
22+27.52	0	66						16+50.00	140	121	70	15+41.71	0	860	
				<b>Y3</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	17+00.00	117	118	72	15+81.40	0	580	
				10+50.00	0	0		17+50.00	69	87	56				
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>					18+00.00	34	69	45	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>
<b>Y1</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	11+00.00	64	89		18+50.00	66	101	71				
10+00.00	0	0		11+50.00	82	105		19+00.00	49	246	84	<b>Y9_Lpd</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
10+50.00	48	72	71					19+13.21	0	49	10	12+44.42	0	0	
11+00.00	37	73	71	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>					12+89.99	6	3973	
11+50.00	36	75	71					<b>Y9</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	13+50.00	13	5352	
12+00.00	43	74	71	10+47.00	0	0						14+00.00	16	4156	
12+50.00	29	73	65	11+00.00	21	169		20+50.00	0	0		14+50.00	17	3489	
13+00.00	10	145	78	11+50.00	24	137		21+00.00	10	244	109	15+00.00	11	2789	
13+50.00	0	306	49	12+00.00	11	2		21+50.00	20	122	55	15+50.00	3	2152	
14+00.00	0	264						22+00.00	32	92	48	15+95.95	0	1504	
14+50.00	0	557		<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	22+50.00	53	89	44	16+38.13	0	1021	
15+00.00	0	579						23+00.00	76	101	42	16+77.99	0	622	
15+50.00	0	542		<b>Y5</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	23+50.00	62	116	44				
16+00.00	0	502		11+17.29	0	0		24+00.00	18	132	52	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>
16+50.00	0	504		11+50.00	23	0		24+50.00	0	622	51	<b>Y9_Rpa</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
17+00.00	0	501		12+00.00	93	165	161	25+00.00	0	1105	42	22+50.00	0	0	
17+50.00	0	484		12+50.00	71	263	249	25+50.00	0	548	20	23+00.00	378	160	159
18+00.00	0	456		13+00.00	26	218	118	26+00.00	0	609	46	23+50.00	334	162	159
18+50.00	0	409		13+50.00	13	628	30	26+50.00	47	125	50	24+00.00	288	167	156
19+00.00	0	352						27+00.00	99	113	61	24+50.00	125	380	76
19+50.00	0	314		<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	27+50.00	122	98	44	25+00.00	0	622	
20+00.00	0	321						28+00.00	156	100	48	25+50.00	0	737	
20+50.00	0	305	2	<b>Y5A</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	28+50.00	151	104	53	26+00.00	0	766	
21+00.00	0	264	9	10+50.00	0	0		29+00.00	122	110	62	26+50.00	0	768	
21+50.00	0	242	21	11+00.00	0	13		29+50.00	118	139	88	27+00.00	0	702	
22+00.00	0	229	31	11+50.00	0	17						27+50.00	0	606	
22+50.00	0	223	34	12+00.00	39	144	134	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	28+00.00	0	518	
23+00.00	0	213	47	12+50.00	53	145	135					28+50.00	0	681	6
23+50.00	0	194	74	13+00.00	29	20	16	<b>Y9</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	29+00.00	6	806	41
24+00.00	2	182	93	13+50.00	43	31	17					29+50.00	25	631	77
24+50.00	4	181	87	14+00.00	65	50	25	31+50.00	0	0	0	30+00.00	59	471	138
25+00.00	6	180	88	14+50.00	52	43	22	32+00.00	127	119	89	30+50.00	83	372	245
25+50.00	7	175	104					32+50.00	100	53	24				
26+00.00	16	172	110					33+00.00	104	80	50	31+00.00	106	313	287



<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-2582A	X-1J

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES 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
Y13AL	(cu. yd.)	(cu. yd.)	(cu. yd.)	Y16	(cu. yd.)	(cu. yd.)	(cu. yd.)	Rpcd_R	(cu. yd.)	(cu. yd.)	(cu. yd.)	I95_Rpd	(cu. yd.)	(cu. yd.)	(cu. yd.)
244+50.00	79	122	122	18+00.00	0	0		10+75.00	31	188		12+00.00	0	0	
245+00.00	64	124	121	18+50.00	0	32		11+00.00	35	28		12+50.00	98	54	33
245+50.00	38	130	113	19+00.00	6	93		11+25.00	16	77		13+00.00	250	17	12
246+00.00	17	140	96	19+45.45	6	59		11+50.00	2	89		13+50.00	221	20	
246+50.00	7	159	74	20+68.76	0	0		11+75.00	3	68		14+00.00	63	35	
247+00.00	2	334	31	21+00.00	0	44		12+00.00	1	269		14+50.00	27	29	
247+50.00	0	1148		21+50.00	0	142	33	12+25.00	0	462		15+00.00	9	28	
248+00.00	0	2306		22+00.00	50	127	65	12+50.00	0	277		15+50.00	13	26	
248+50.00	0	3050		22+50.00	87	87	50	12+75.00	0	94		16+00.00	38	12	
249+00.00	0	3392		23+00.00	65	49	32	13+00.00	1	69		16+50.00	78	49	
249+50.00	0	3603		23+50.00	46	19	14	13+14.16	1	12		17+00.00	114	194	
250+00.00	0	3915		24+00.00	35	0									
250+50.00	0	4492						<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>
251+00.00	0	5057		<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	<b>I95_Rpa</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>Drive</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
251+50.00	0	5135		<b>Y17</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	13+50.00	0	0		10+50.00	0	0	
252+00.00	0	4783		10+00.00	0	0		14+00.00	6	162		10+75.00	0	209	
252+50.00	0	4355		10+25.00	7	24	12	14+50.00	0	389		11+00.00	0	207	
253+00.00	0	4047		10+50.00	5	84	54	15+00.00	0	807		11+25.00	0	137	
253+50.00	0	4096		10+75.00	5	100	54	15+50.00	0	1204		11+50.00	0	81	
254+00.00	0	4278		11+00.00	5	38	13	16+00.00	0	1808		11+75.00	0	61	
254+50.00	0	4329						16+25.00	2	1131		12+00.00	0	56	
255+00.00	0	4225		<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>					12+25.00	0	53	
255+50.00	0	3893		<b>Y18</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	12+50.00	0	46	
256+00.00	0	3237		10+50.00	0	0		<b>I95_Rpb</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	12+75.00	0	43	
256+50.00	0	2513		11+00.00	0	94	16	12+00.00	0	0		13+00.00	0	45	
257+00.00	4	1935		11+50.00	1	63	31	12+50.00	19	98		13+25.00	0	44	
				11+65.00	1	6	5	13+00.00	7	166		13+50.00	5	41	
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>					13+50.00	1	224		14+00.00	18	3	
<b>Y14</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	14+00.00	0	324		14+25.00	22	6	
12+00.00	0	0		<b>Rpab_R</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	14+50.00	0	467		14+50.00	24	6	
12+50.00	19	24	22	10+25.00	0	197		15+00.00	0	607		14+75.00	24	3	
13+00.00	40	81	53	10+41.23	0	442		15+50.00	0	763		15+00.00	25	1	
13+50.00	45	147	121	10+50.00	0	338		16+00.00	5	1104		15+25.00	27	0	
14+00.00	19	187	187	10+75.00	0	730		16+50.00	7	1412		15+50.00	30	0	
14+50.00	25	187	172	11+00.00	0	343		17+00.00	3	1401					
15+00.00	77	178	159	11+25.00	0	622		17+50.00	0	1379		<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>
15+50.00	94	172	169	11+50.00	0	588		17+69.89	0	1379		<b>Det_2</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
16+00.00	129	170	170	11+75.00	0	125						128+50.00	0	0	
16+50.00	246	170	170	12+00.00	0	430		<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	129+00.00	4	39	
17+00.00	369	183	183	12+25.00	0	433		<b>I95_Rpc</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	129+50.00	8	46	
17+50.00	281	173	172	12+50.00	0	142		10+50.00	0	0		130+00.00	10	44	
				12+75.00	0	335		11+00.00	27	30		130+50.00	12	30	
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	13+00.00	4	313		11+50.00	20	34		131+00.00	13	21	
<b>Y15</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	13+14.16	2	29		12+00.00	10	58					
11+65.00	0	0						12+50.00	3	107		<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>
12+00.00	0	94	48	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	13+00.00	0	281		<b>Det_3</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
12+50.00	18	155	144	<b>Rpcd_R</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	13+50.00	0	306		10+00.00	0	0	
13+00.00	21	51	31	10+25.00	9	138						10+50.00	93	6	
				10+50.00	21	316						11+00.00	48	18	



Prepared in the Office of:



NC FIRM LICENSE No. P-0339  
504 Meadowslands Drive  
Hillsborough, NC 27278  
(919) 752-1883  
(919) 752-0616 (Fax)



PROJ. REFERENCE NO.  
R-2582A

SHEET NO.  
X-1

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14 + 00.00



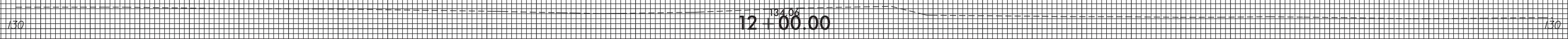
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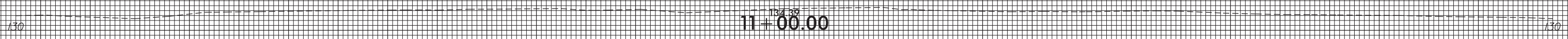
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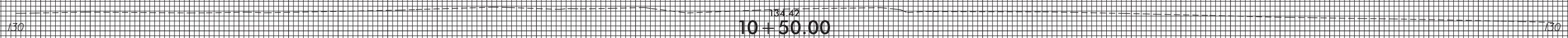
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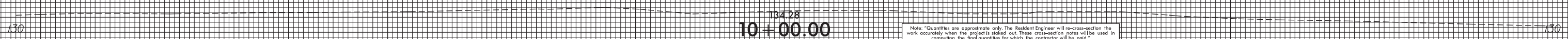
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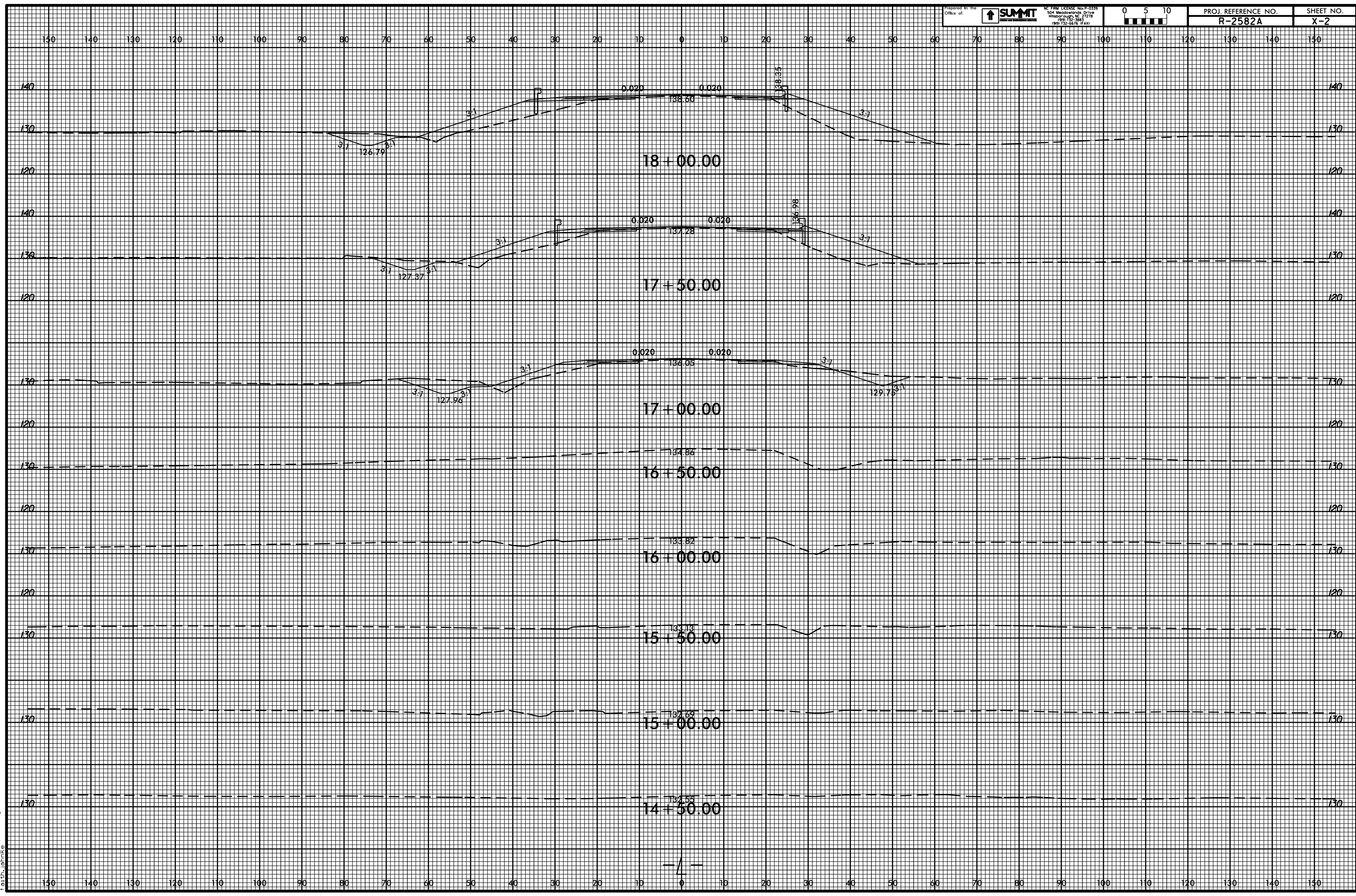


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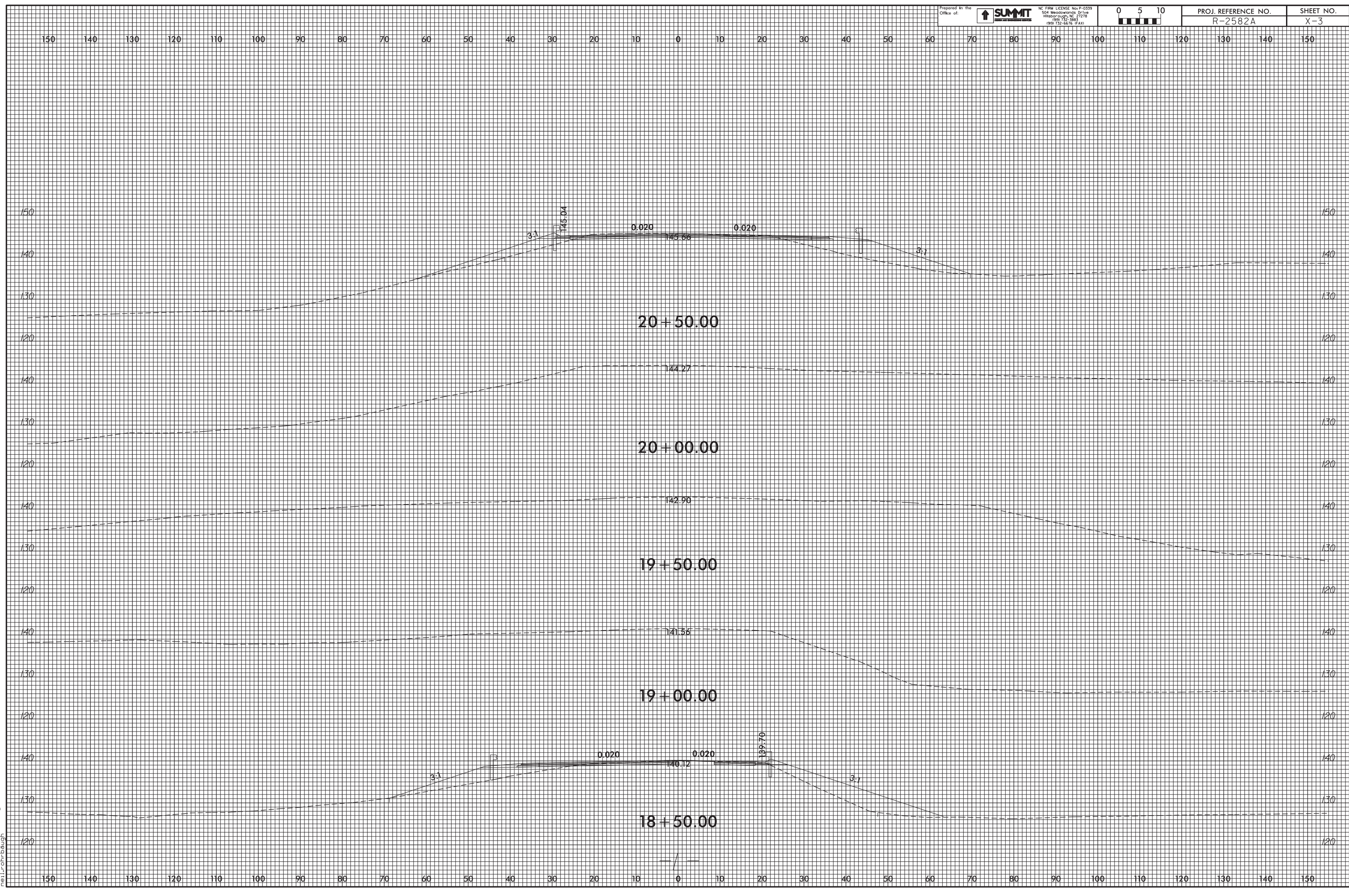
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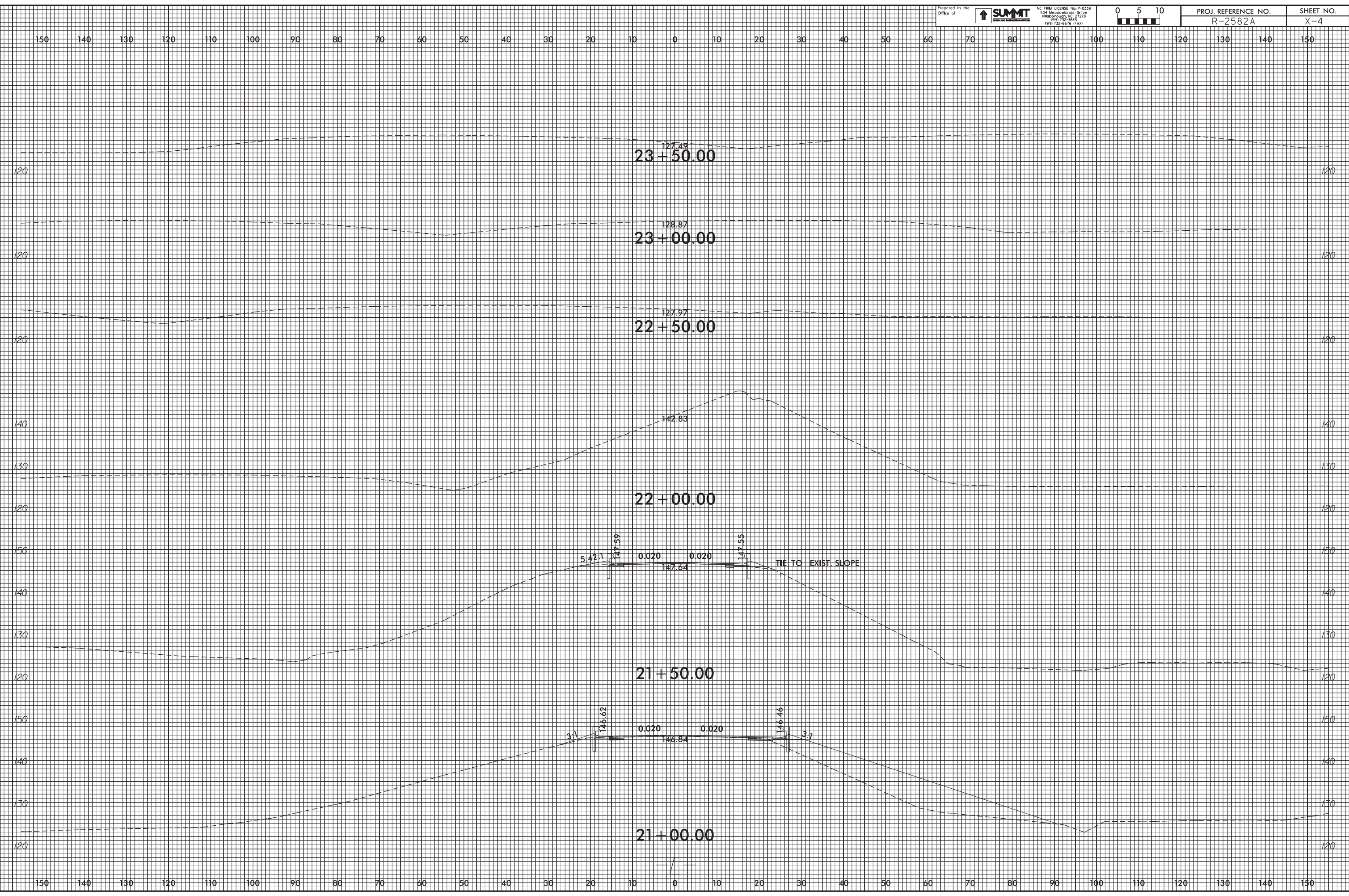
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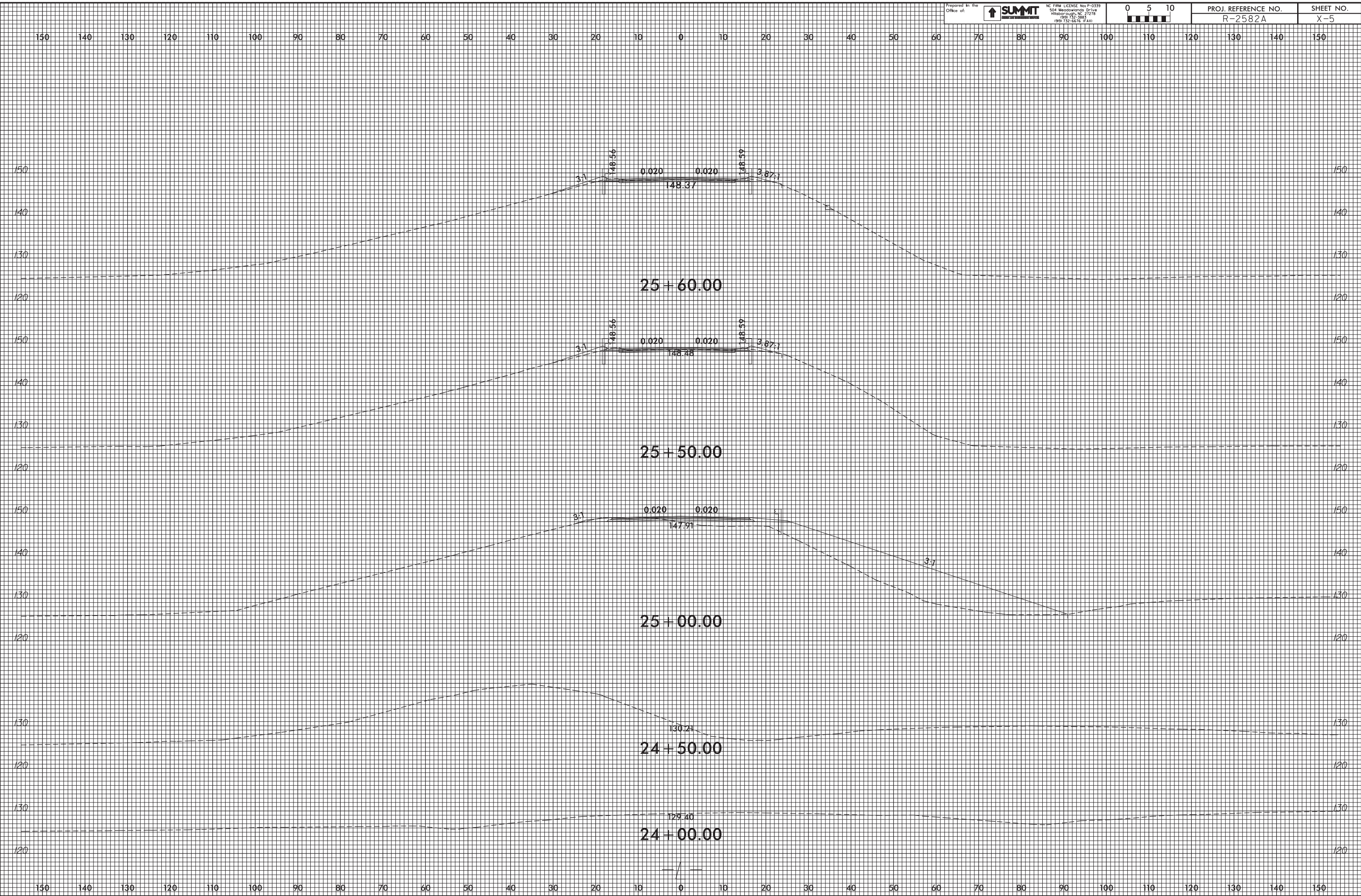


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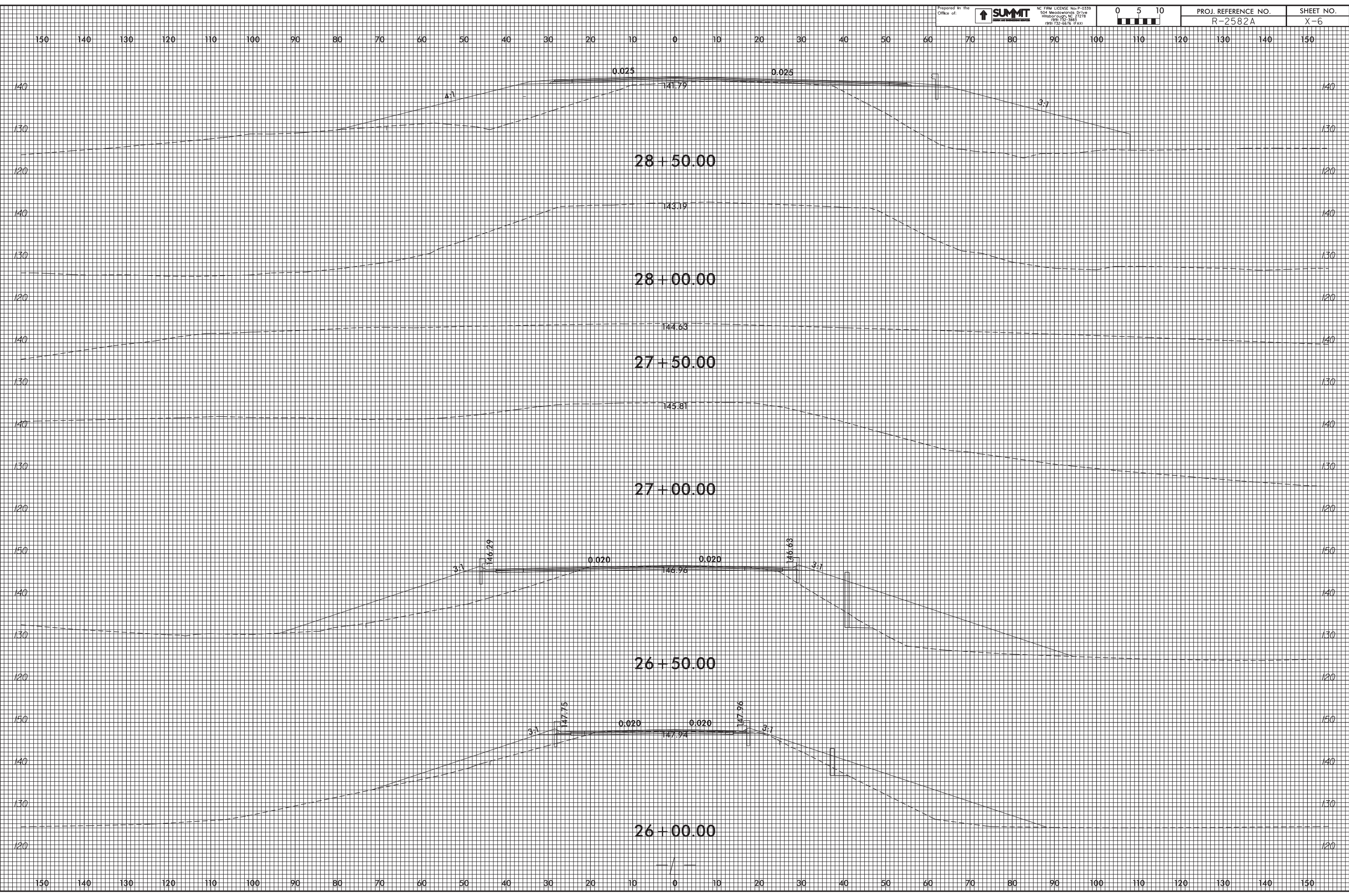


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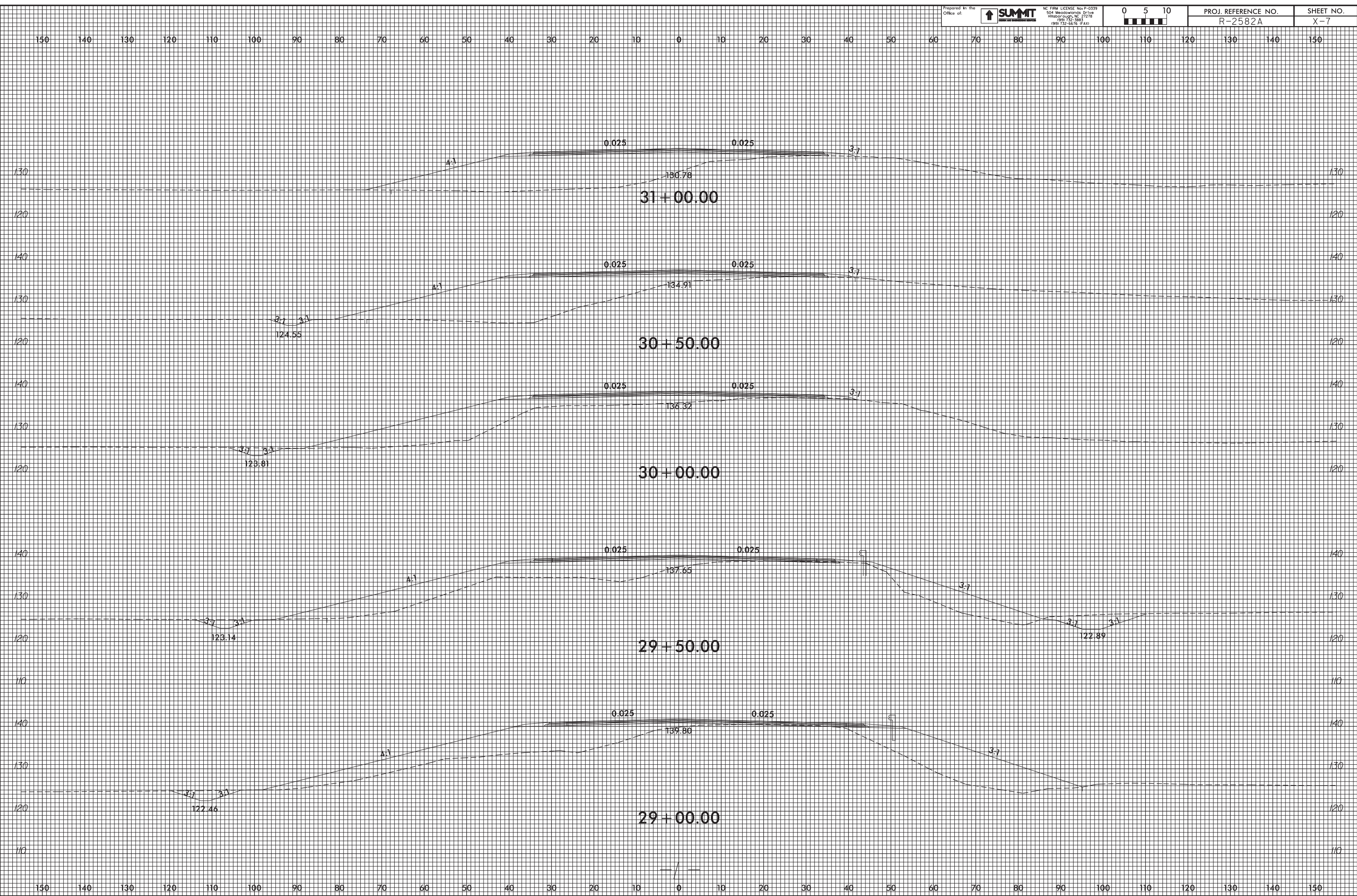




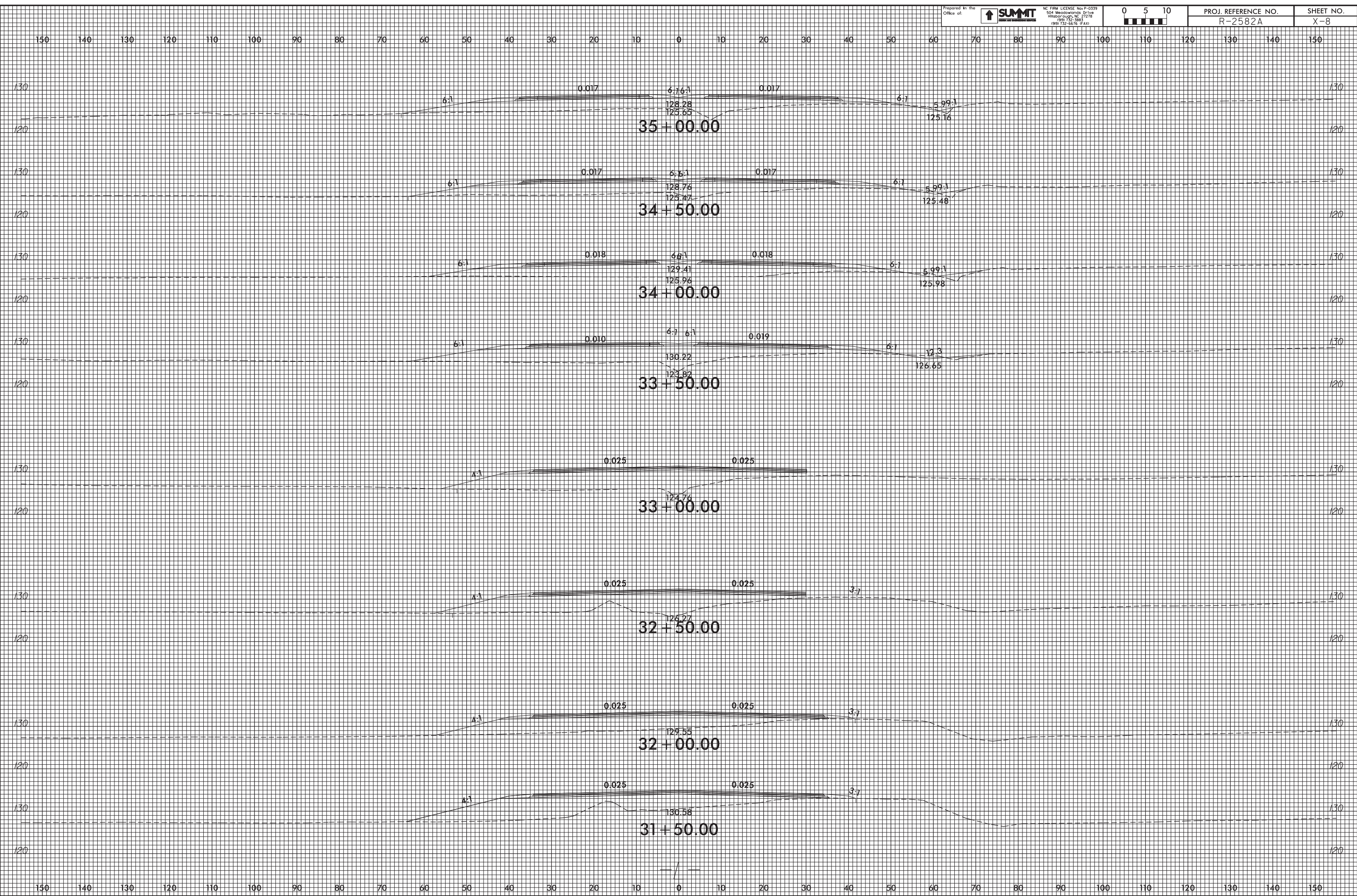
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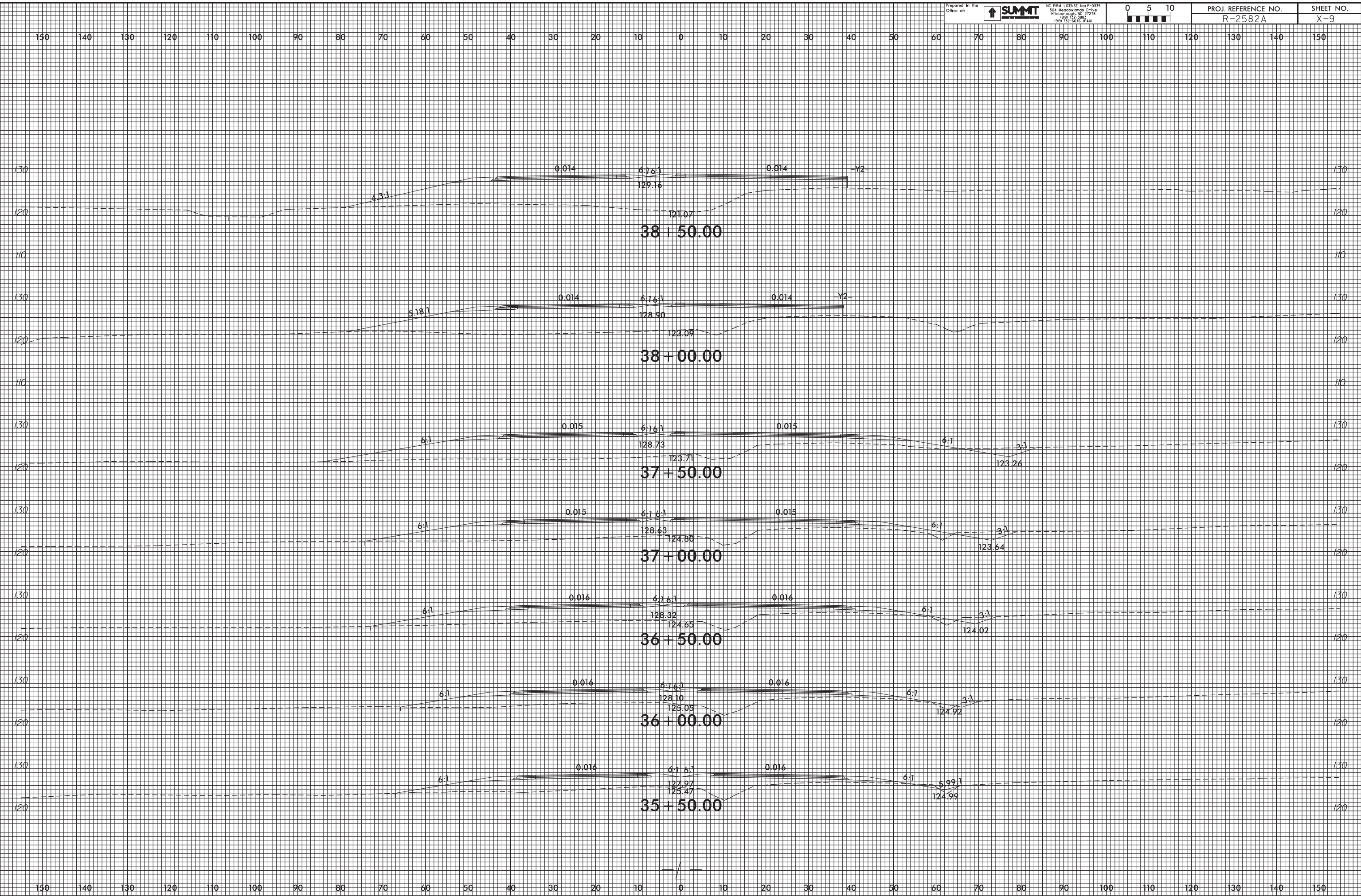
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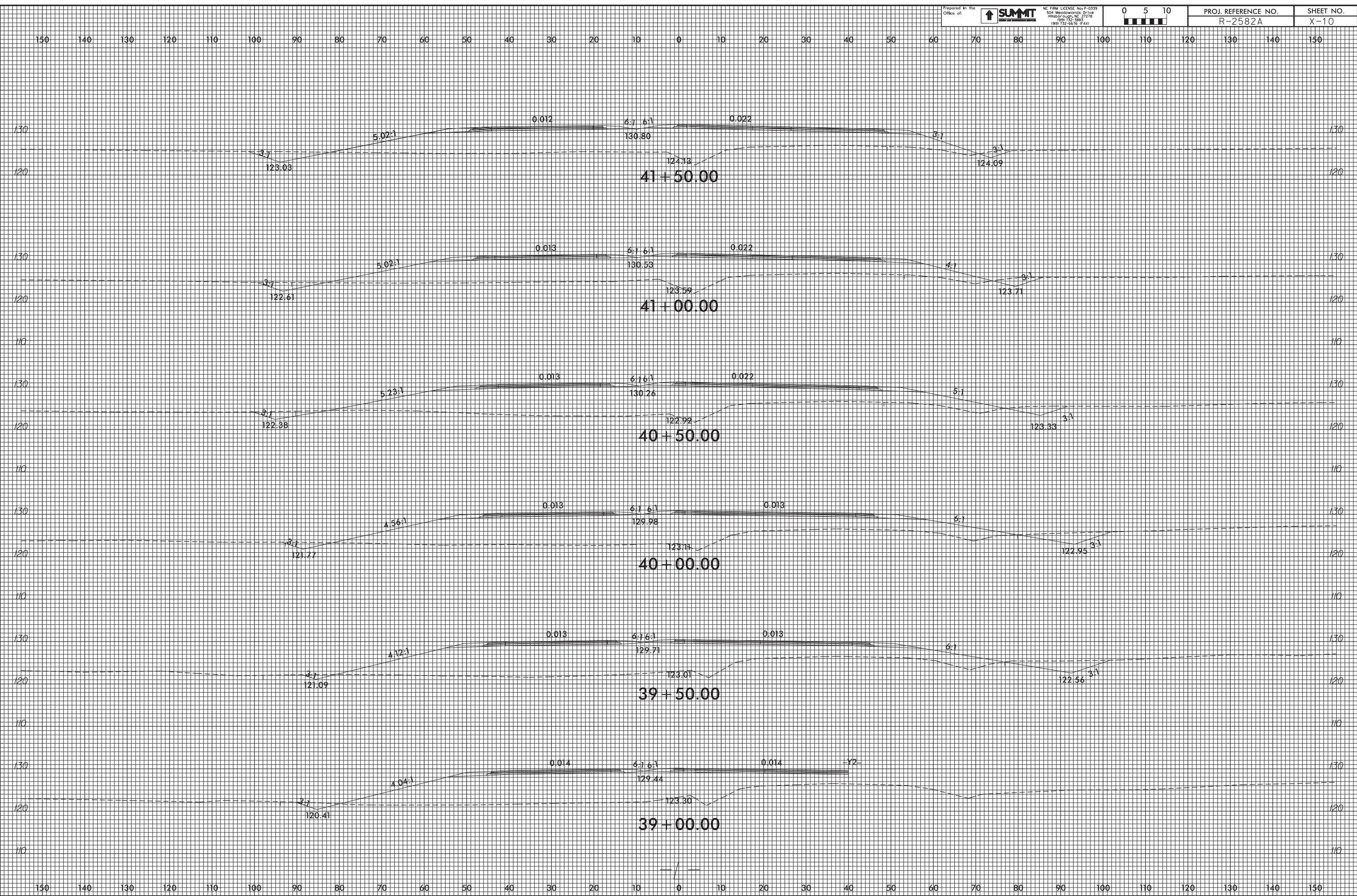


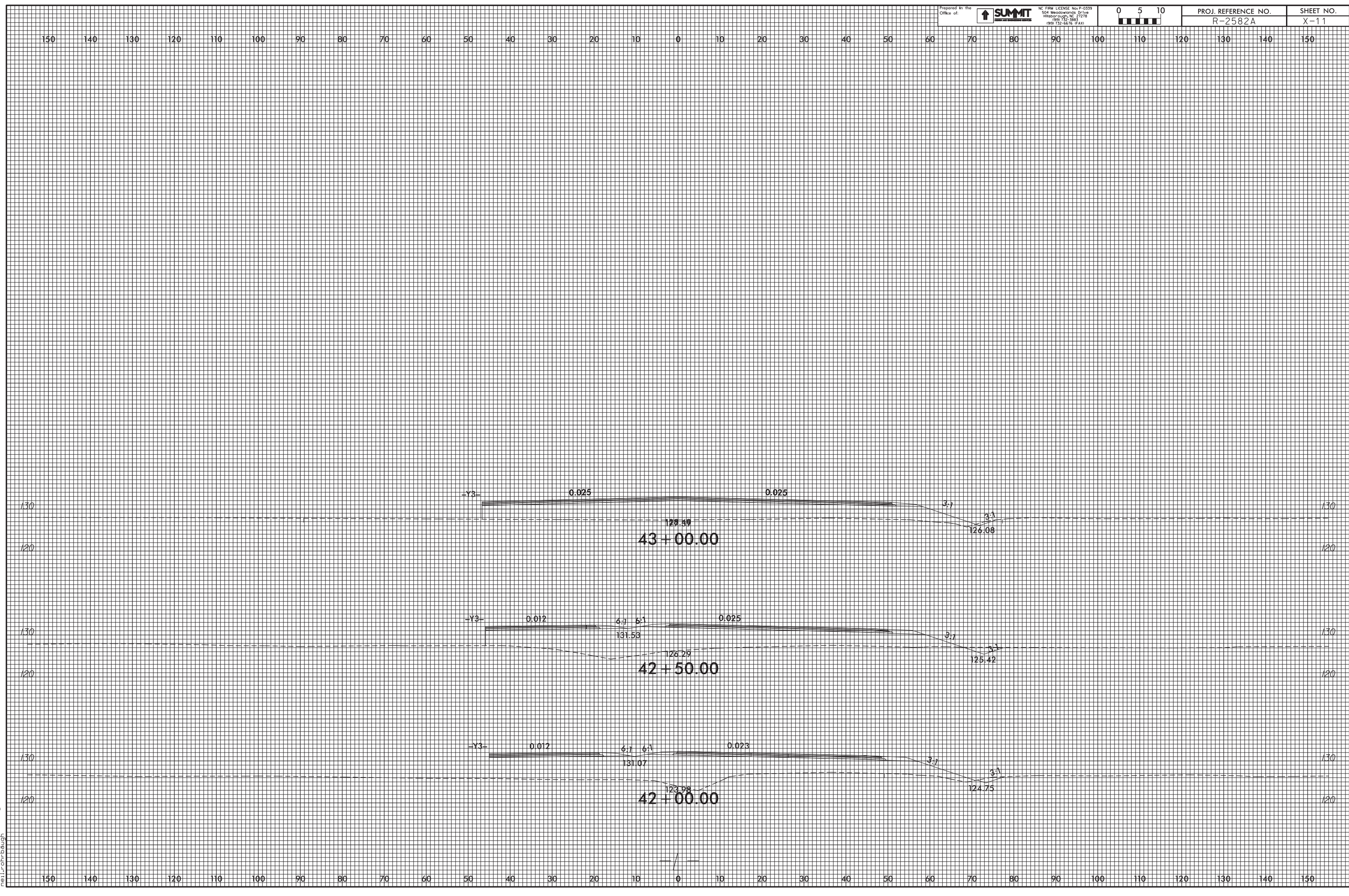
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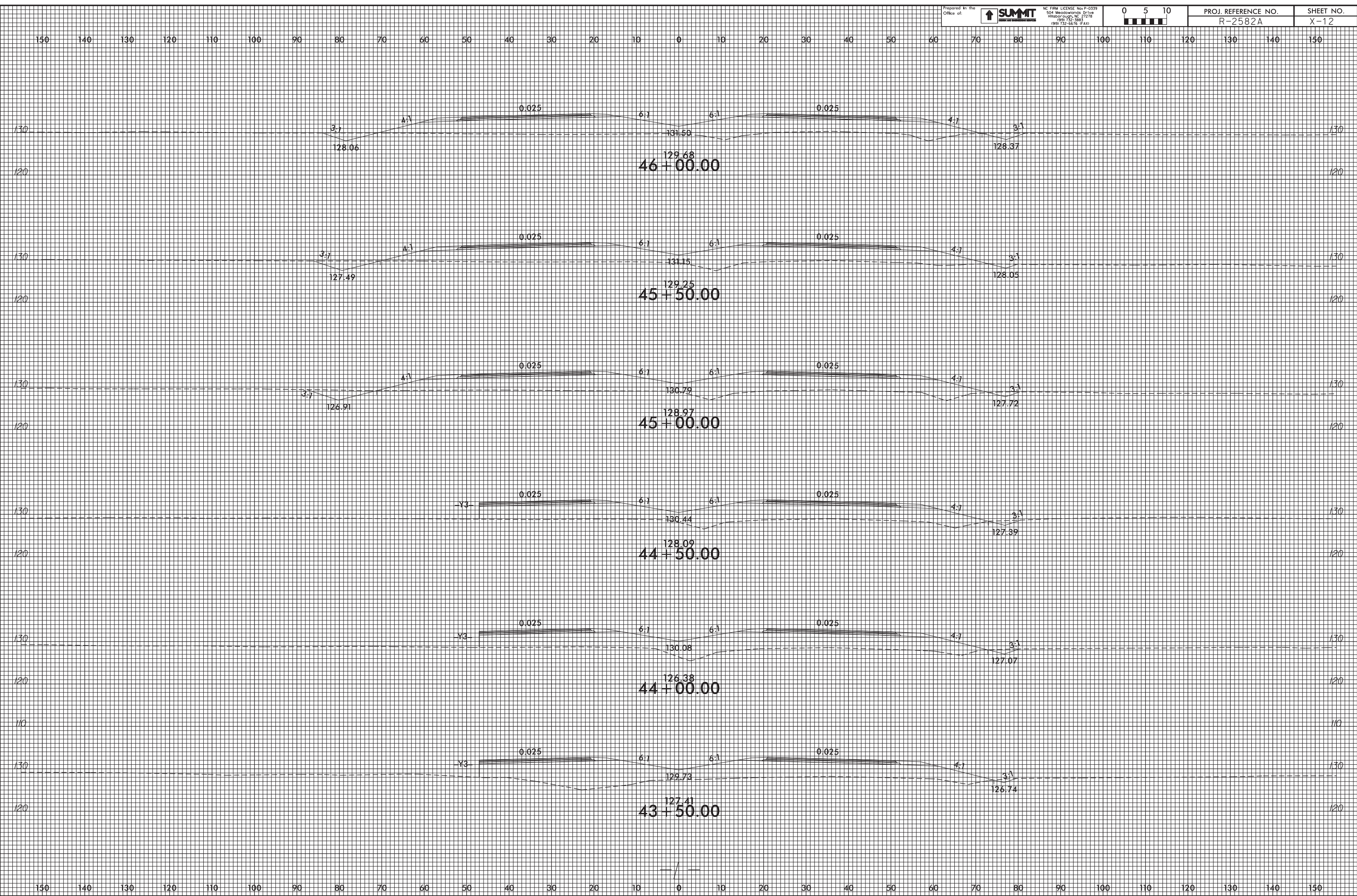
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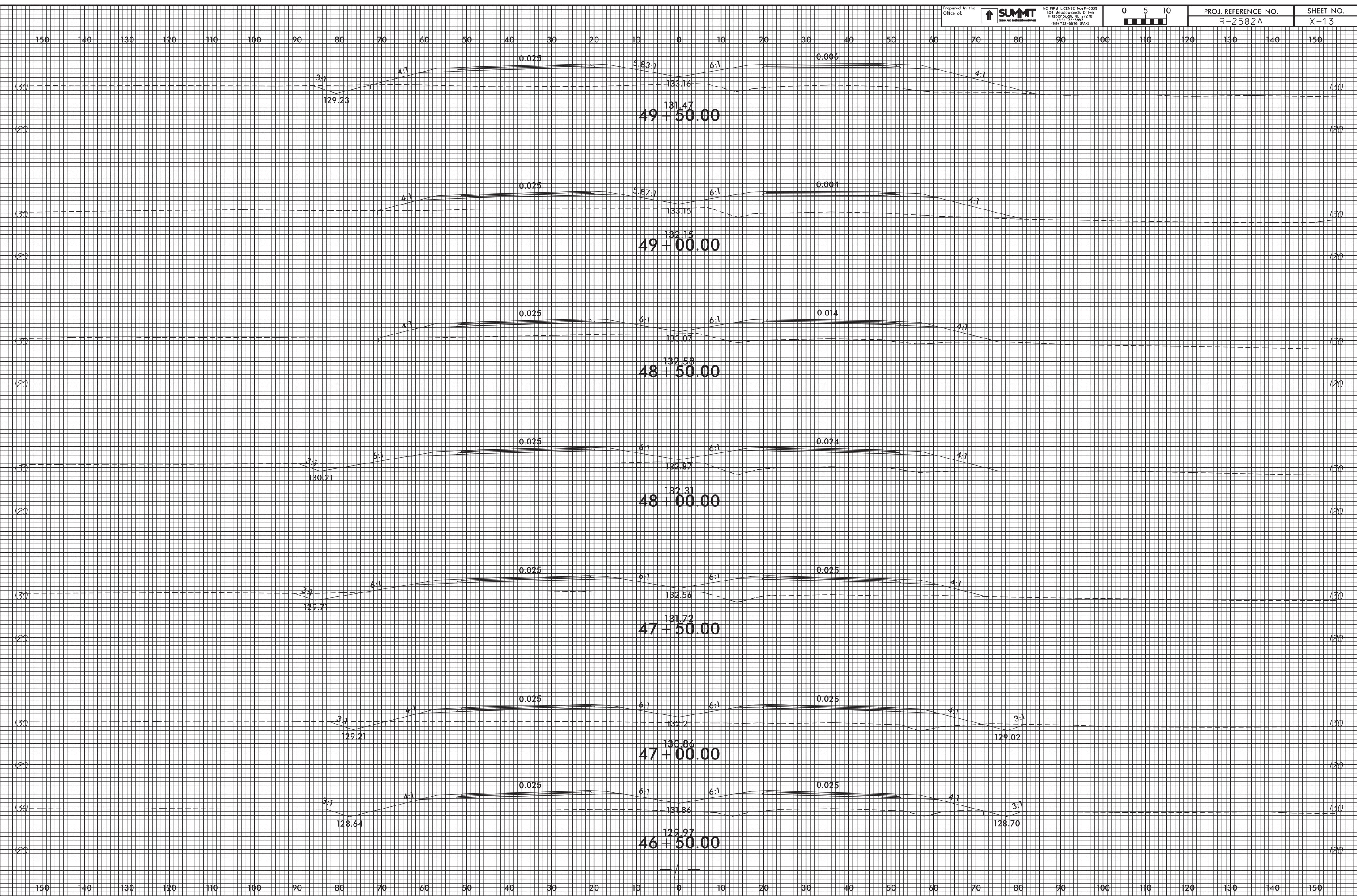


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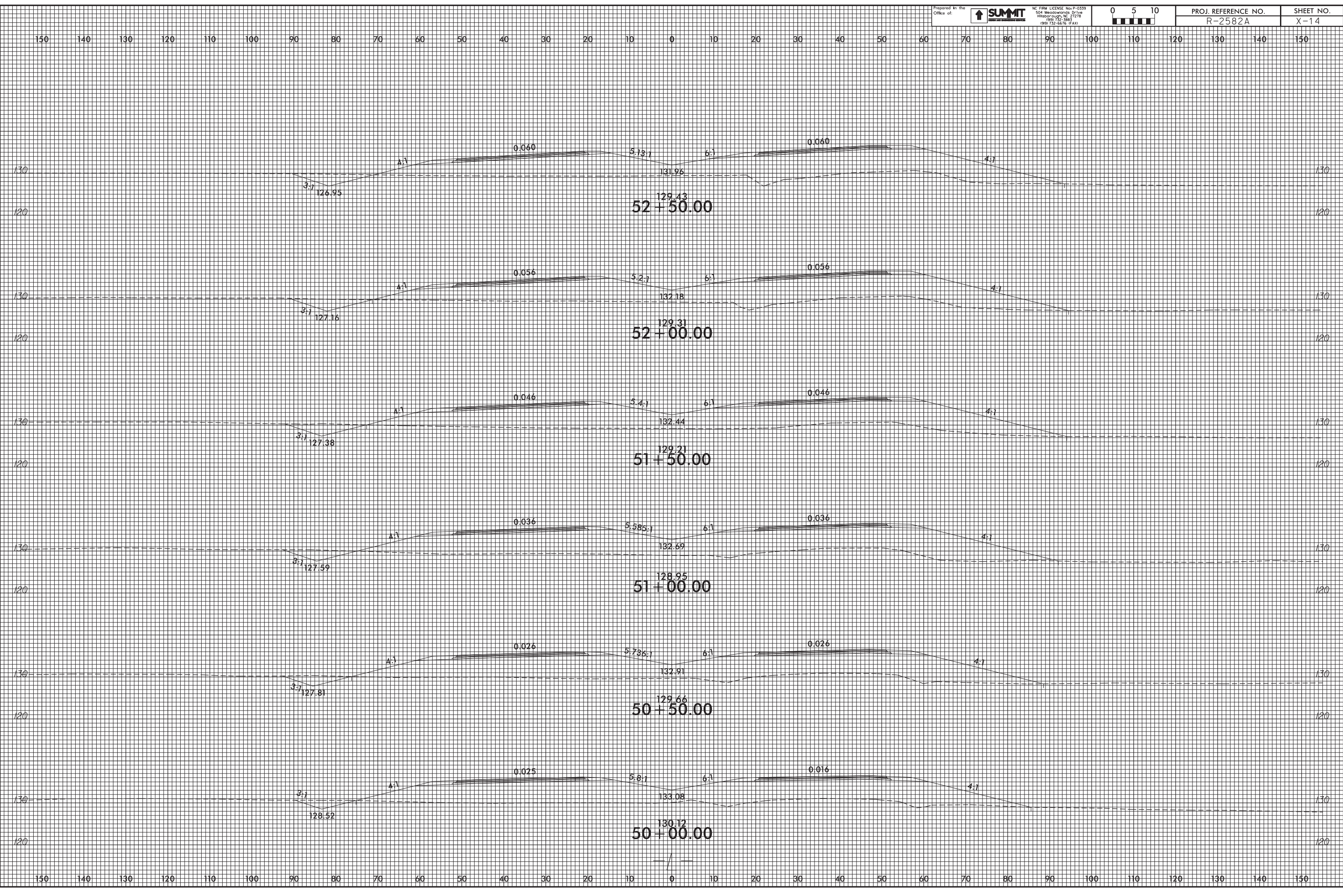


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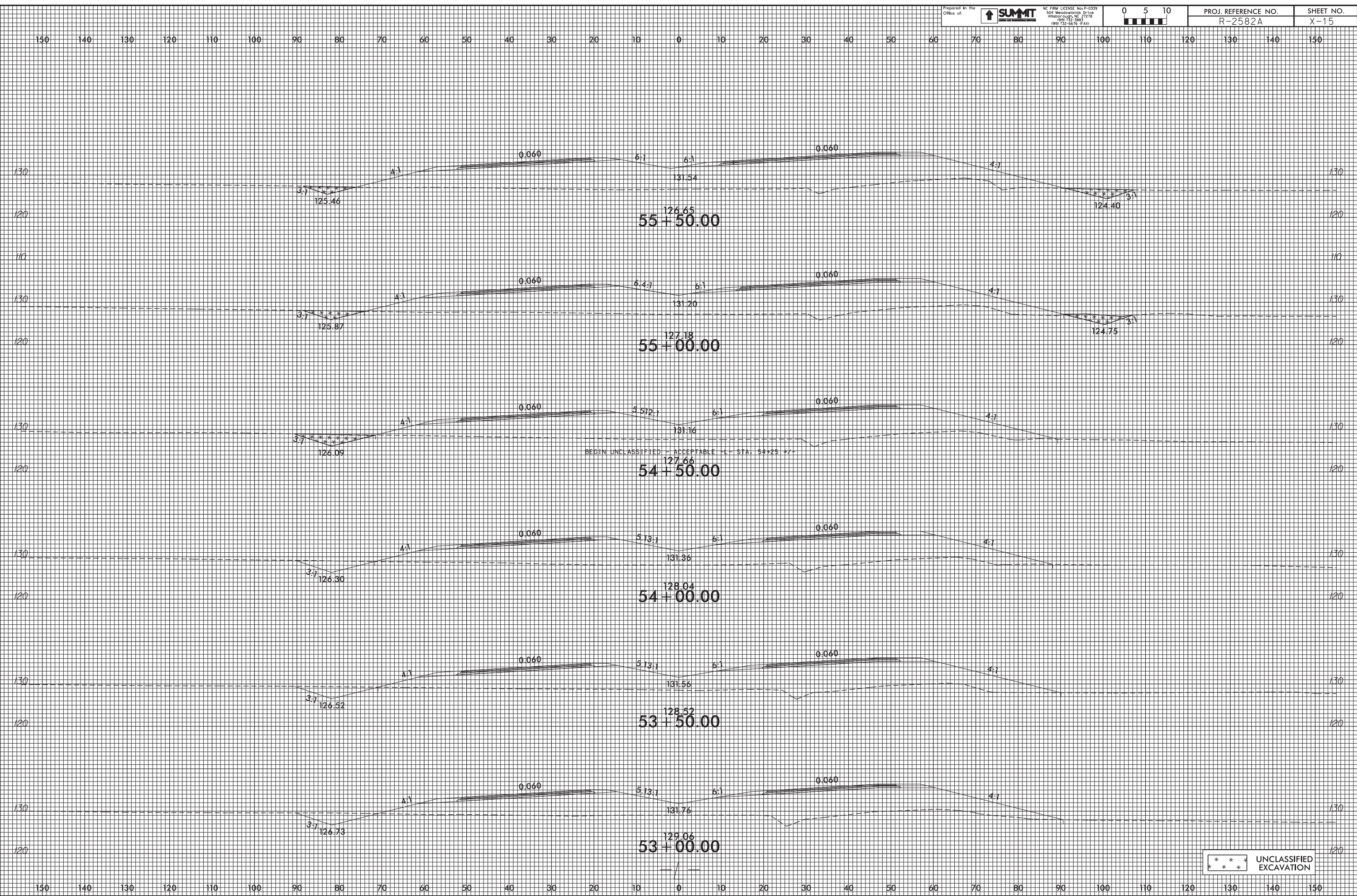




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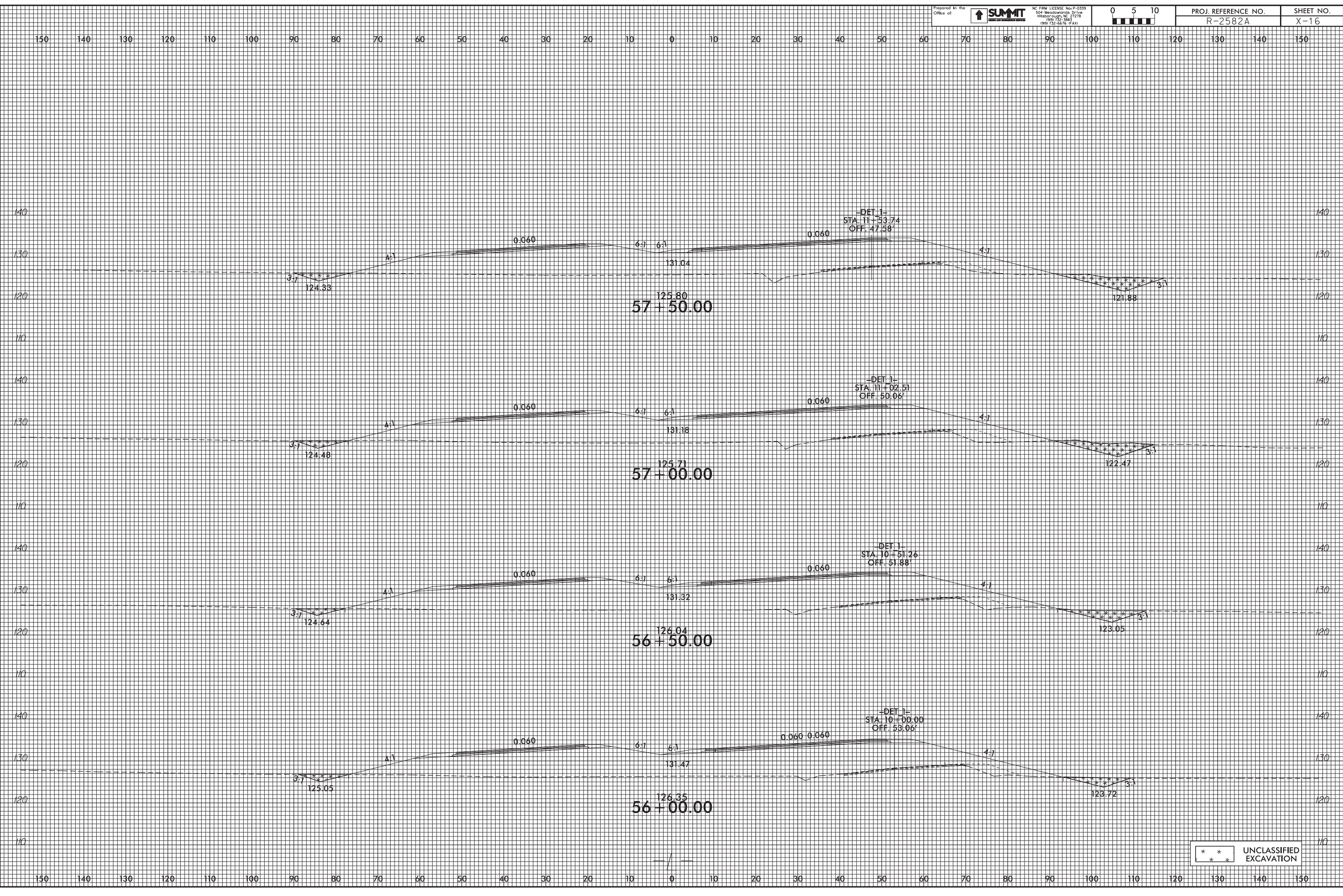


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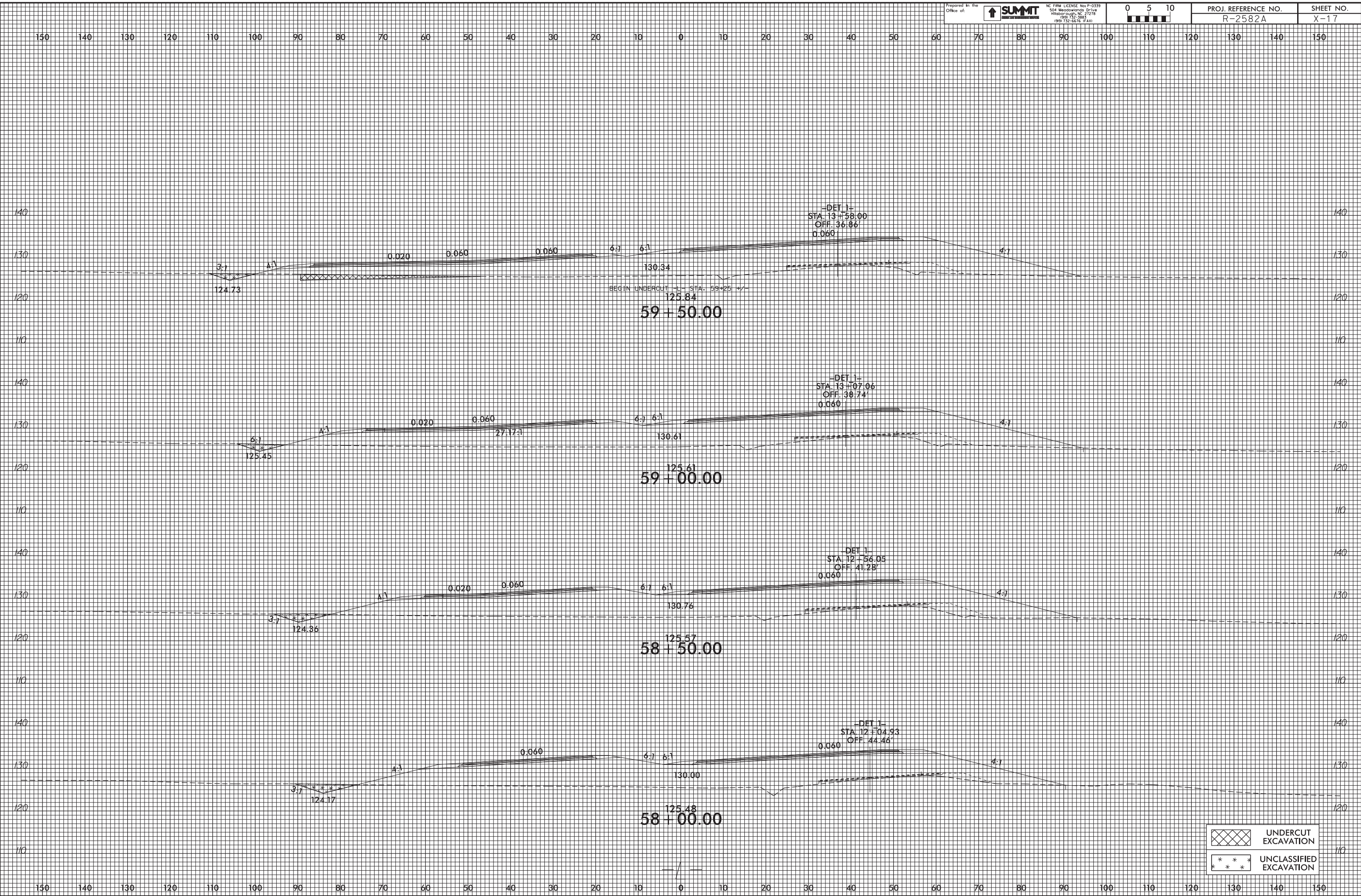


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\*\*\* UNCLASSIFIED EXCAVATION \*\*\*

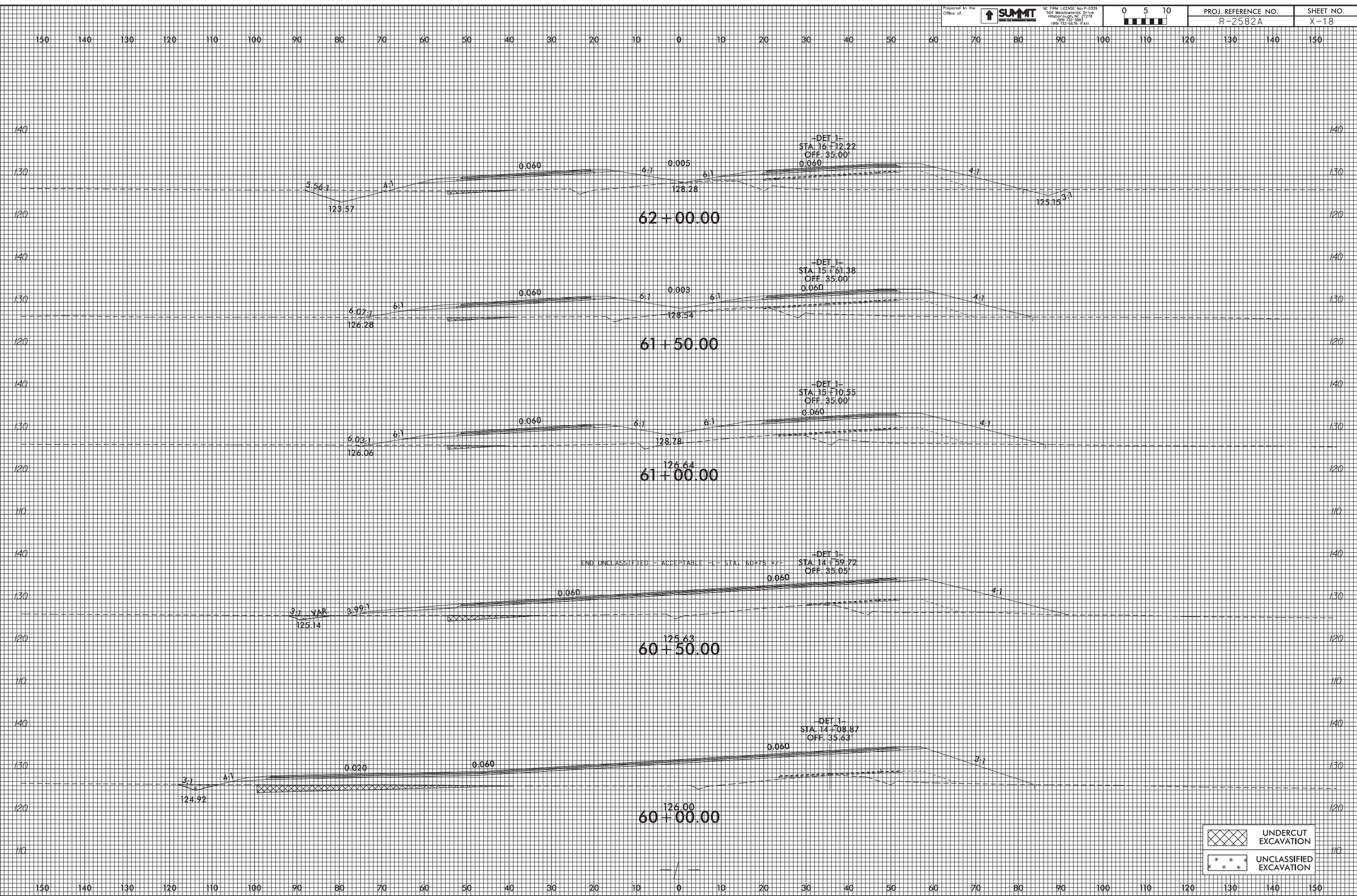


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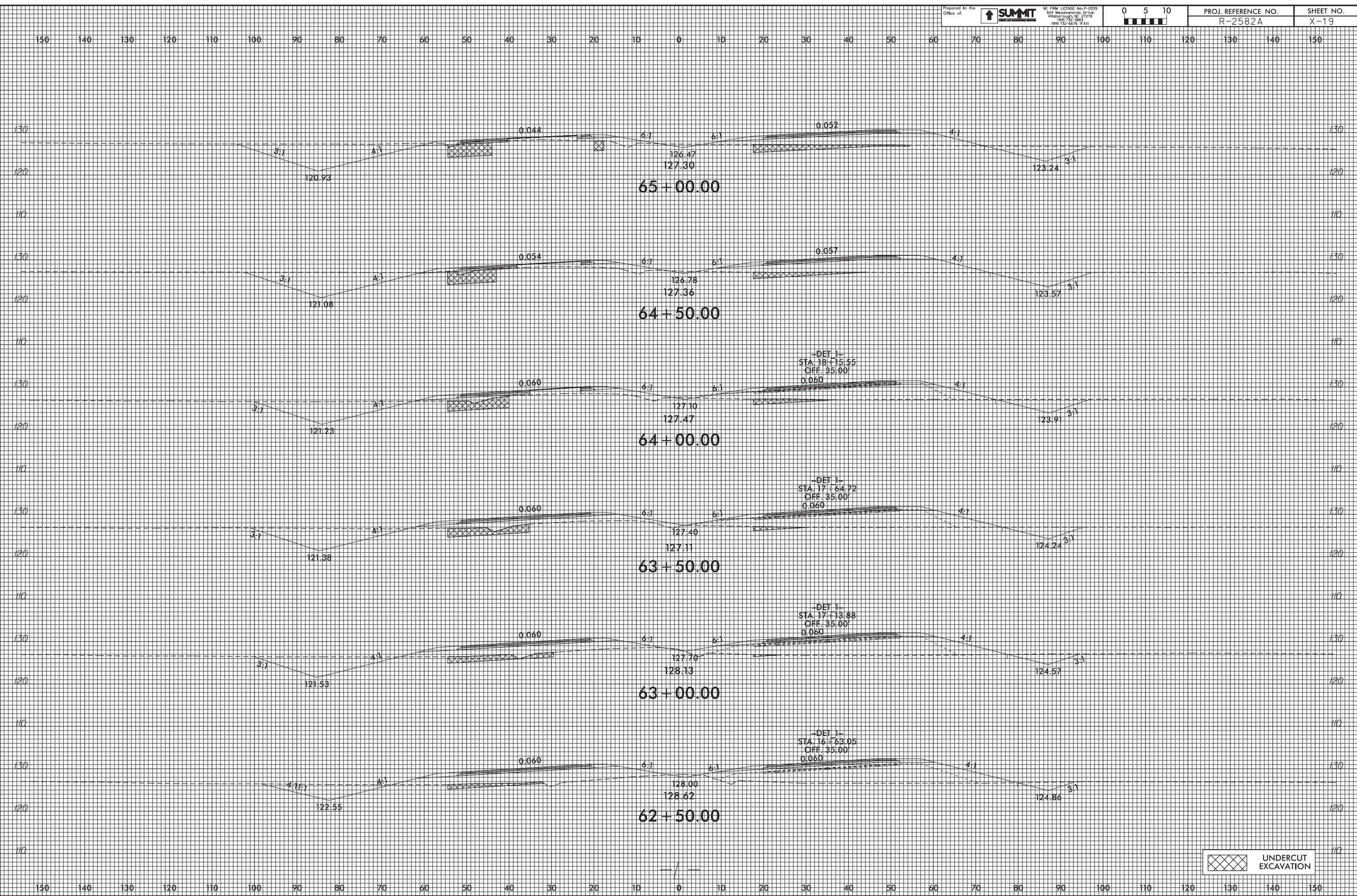
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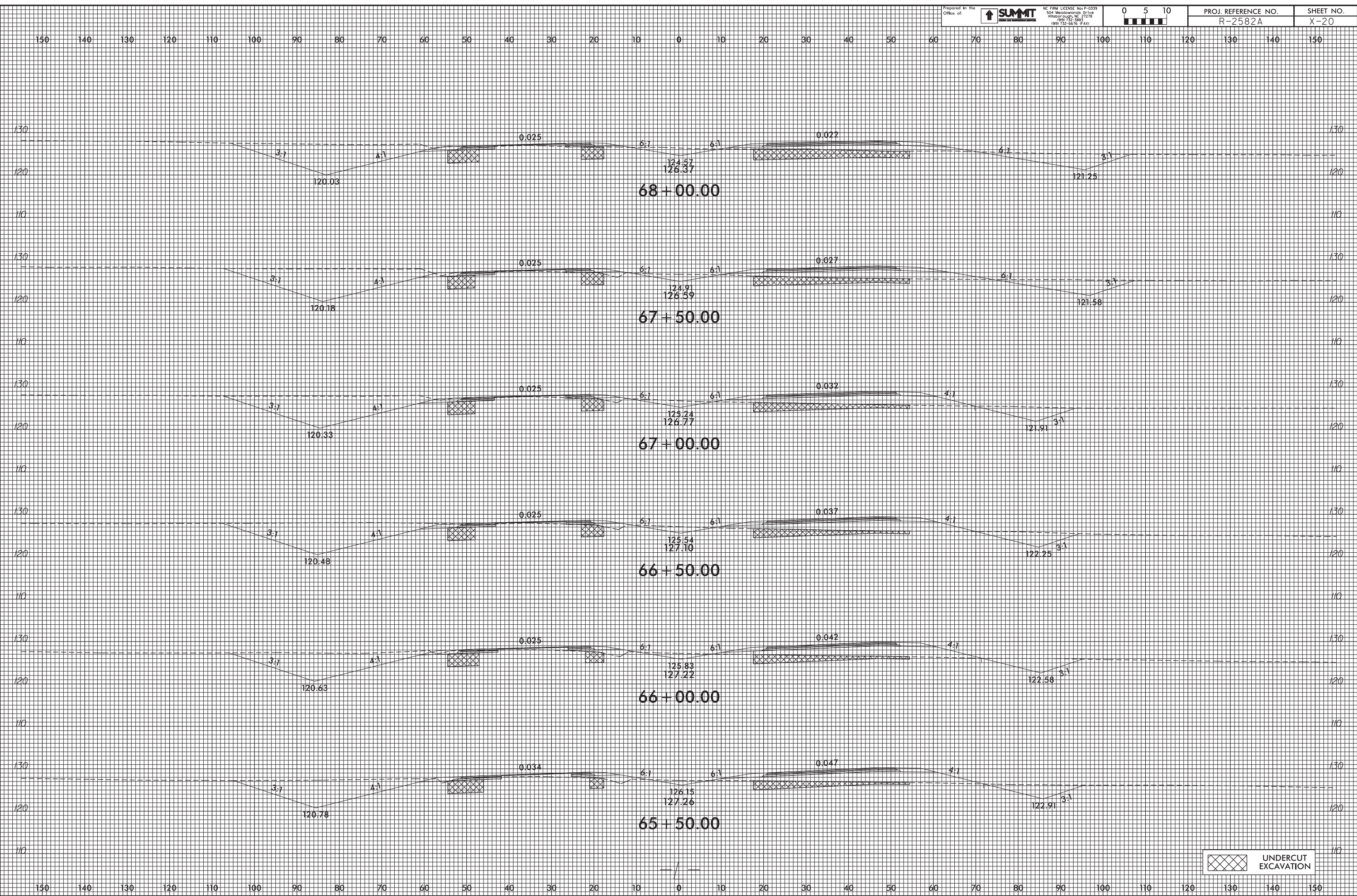
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--DET 1--  
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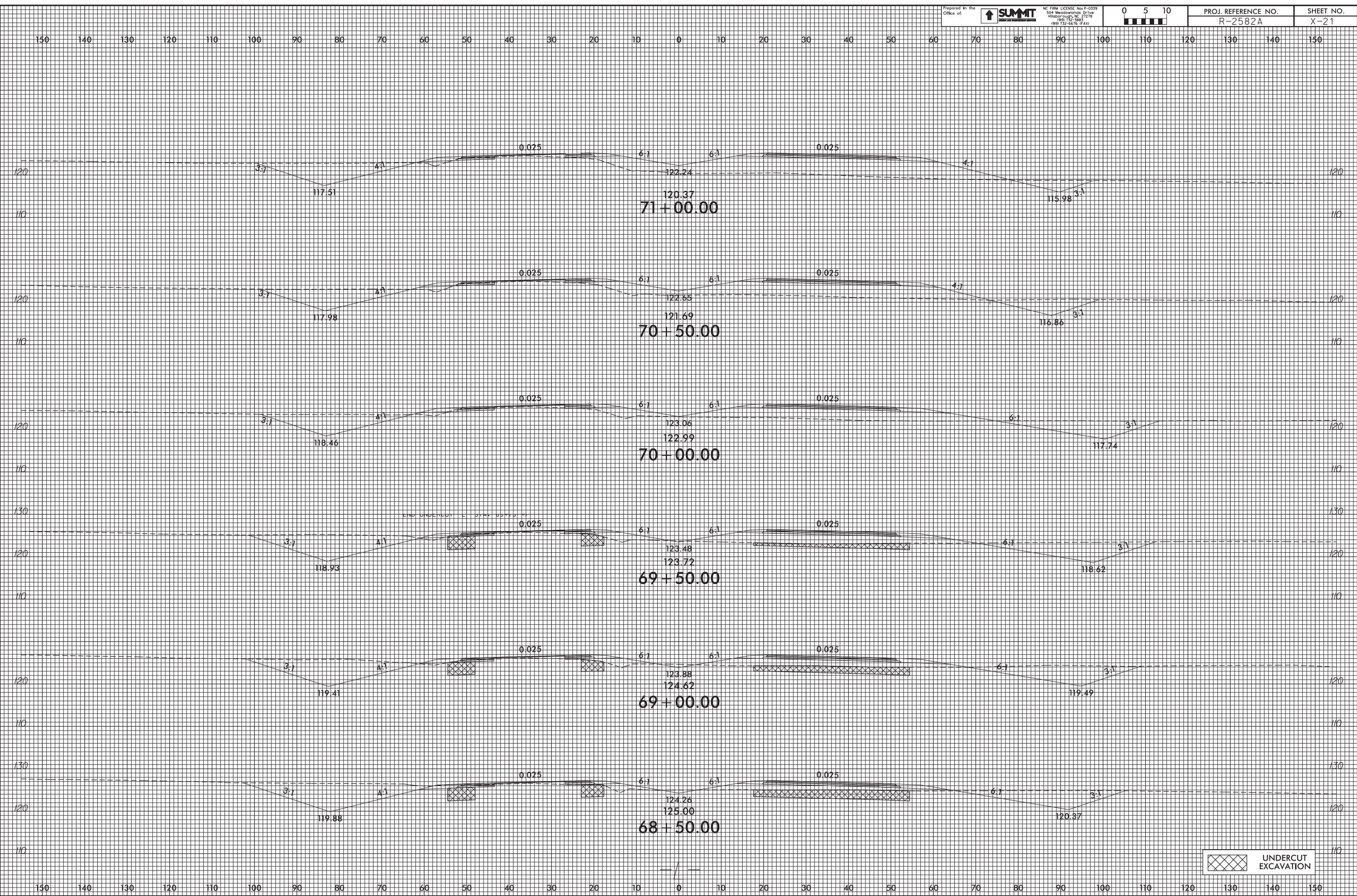
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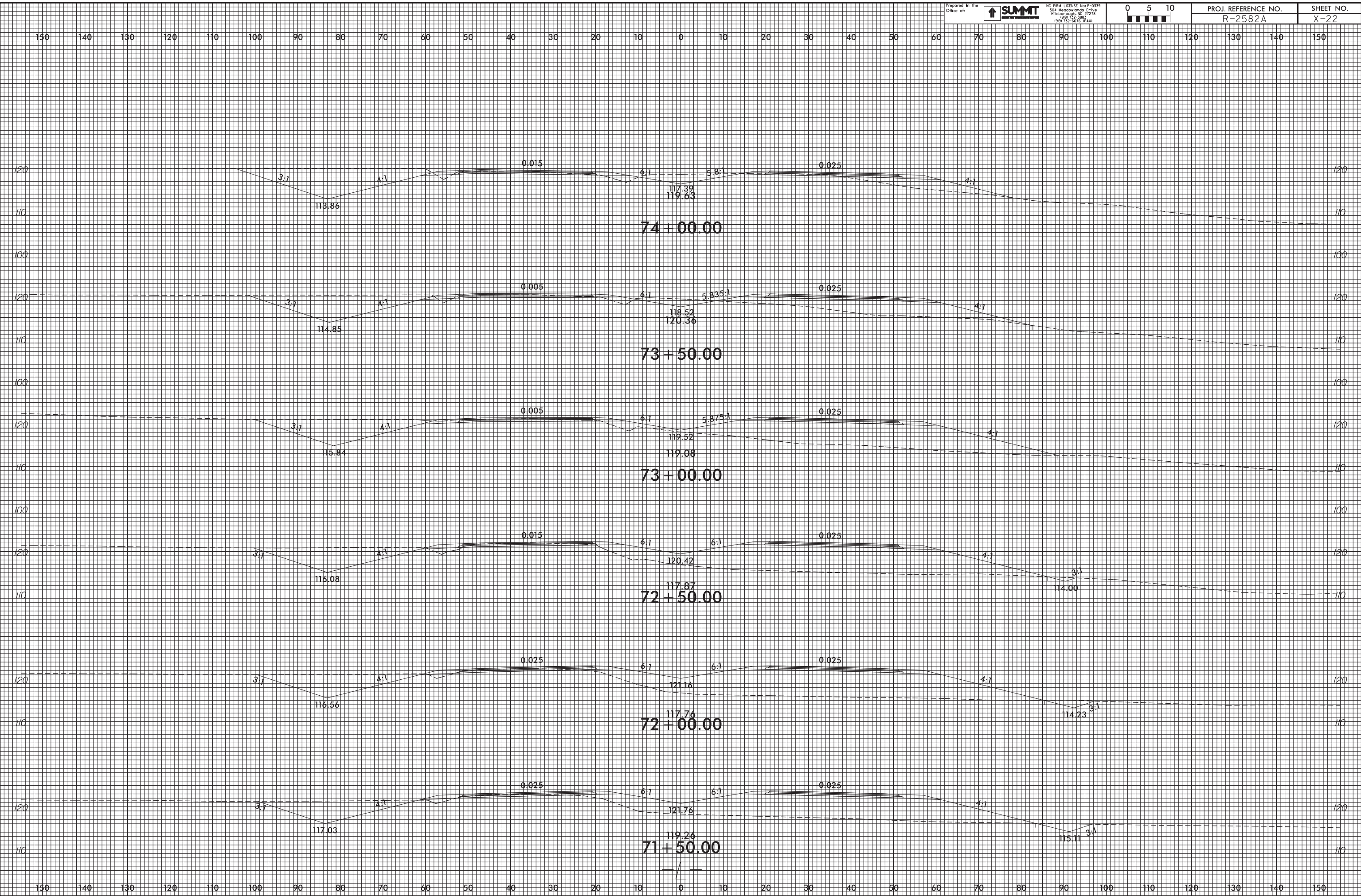
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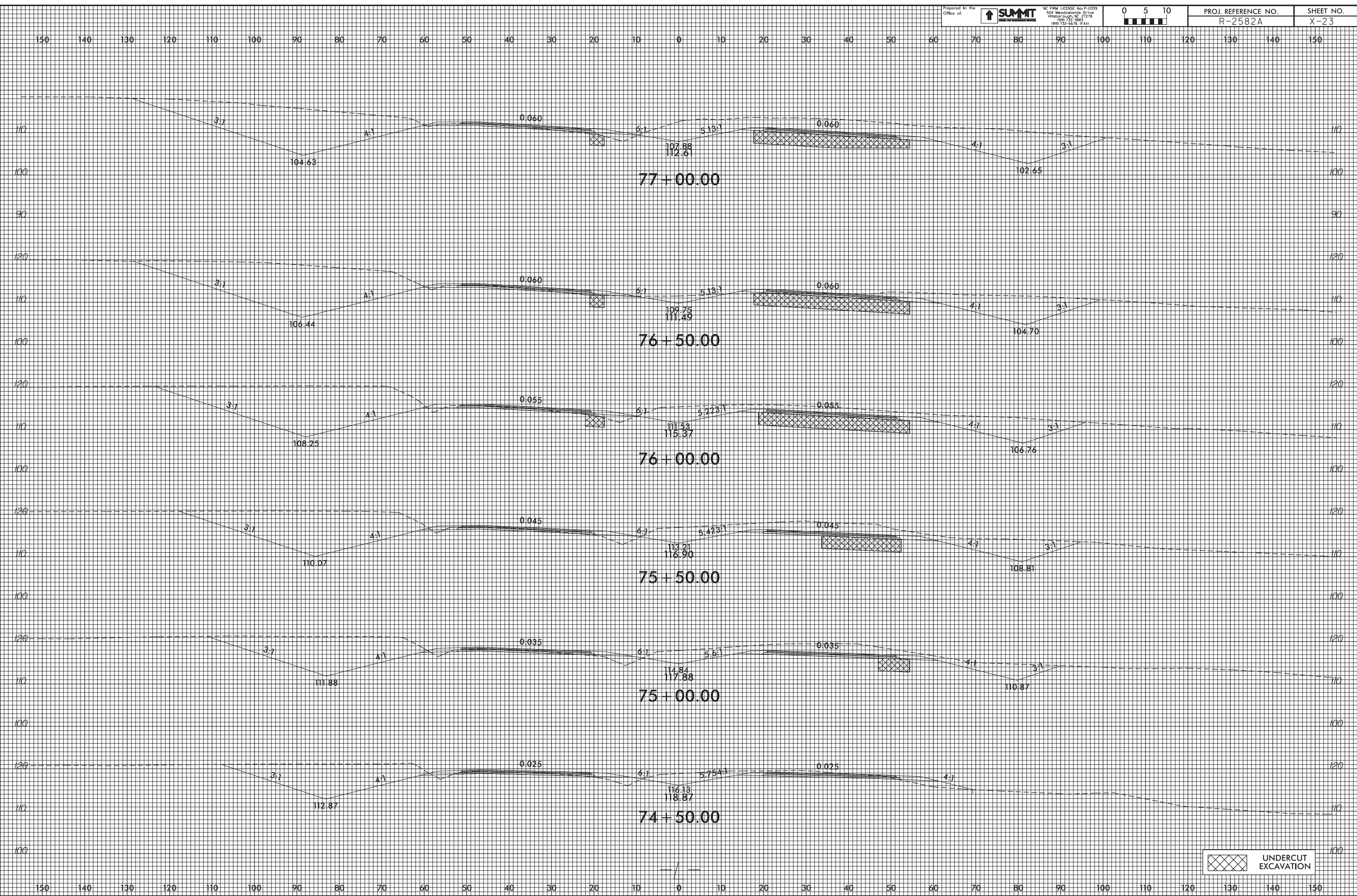


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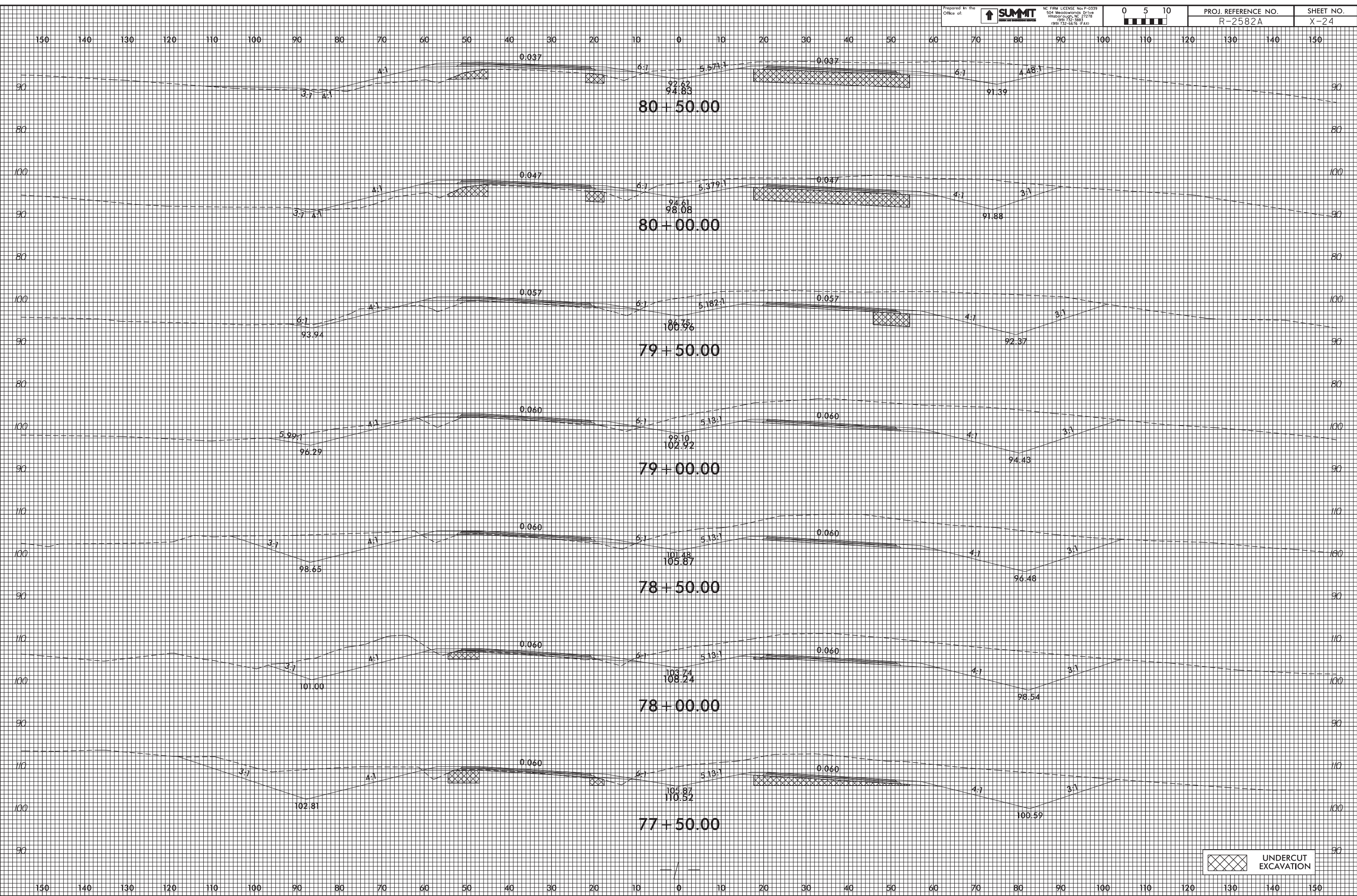
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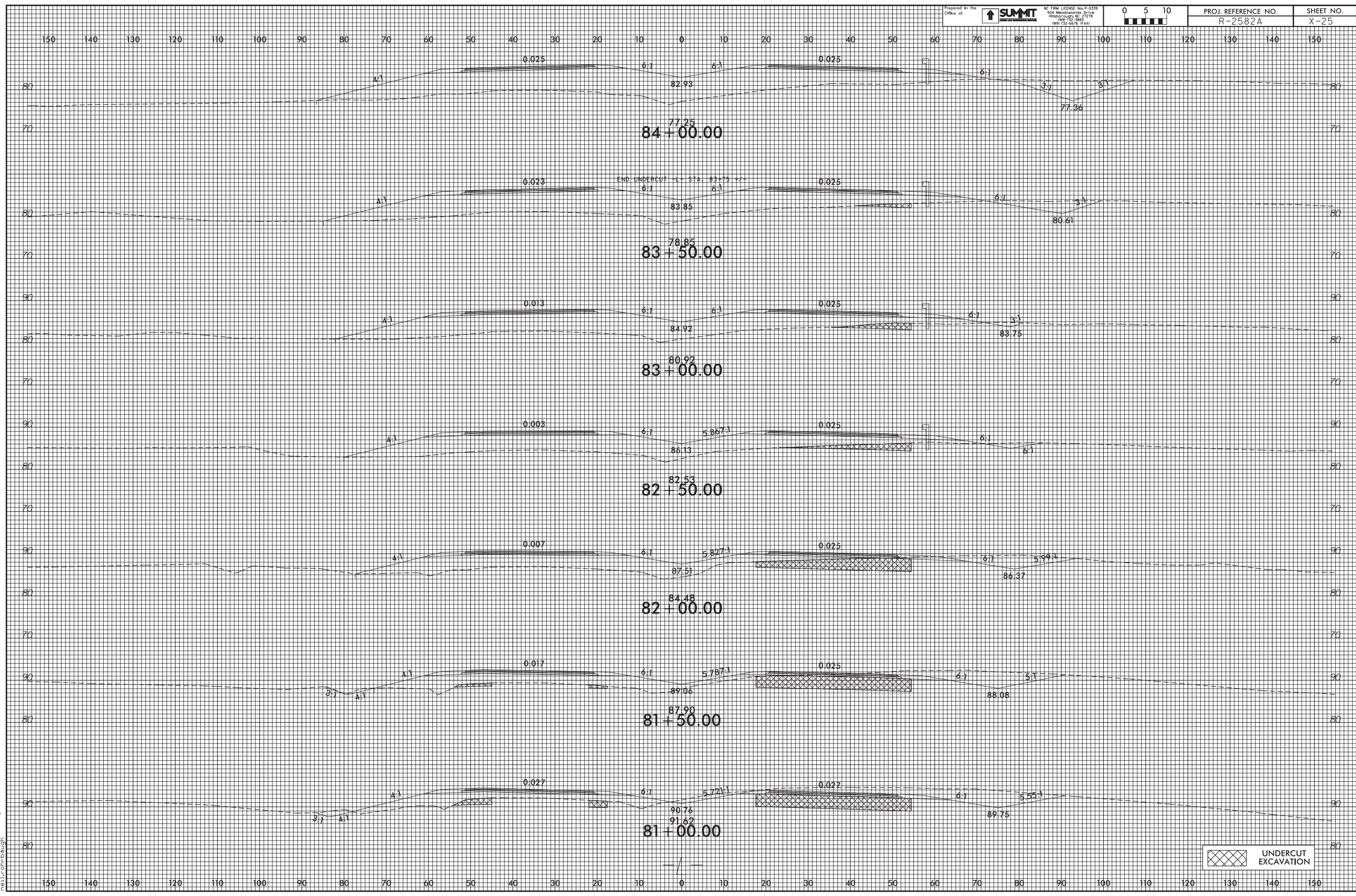
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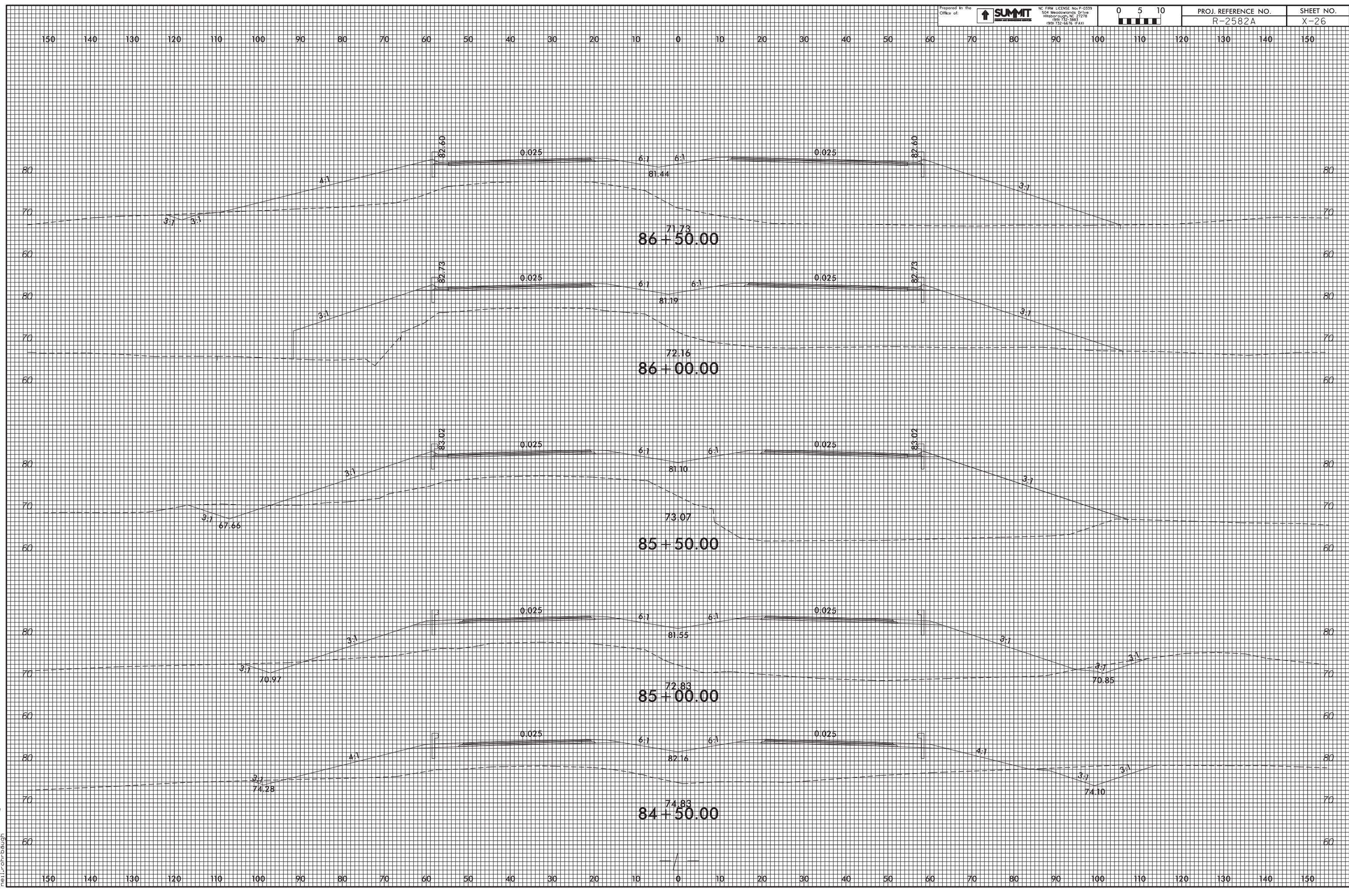
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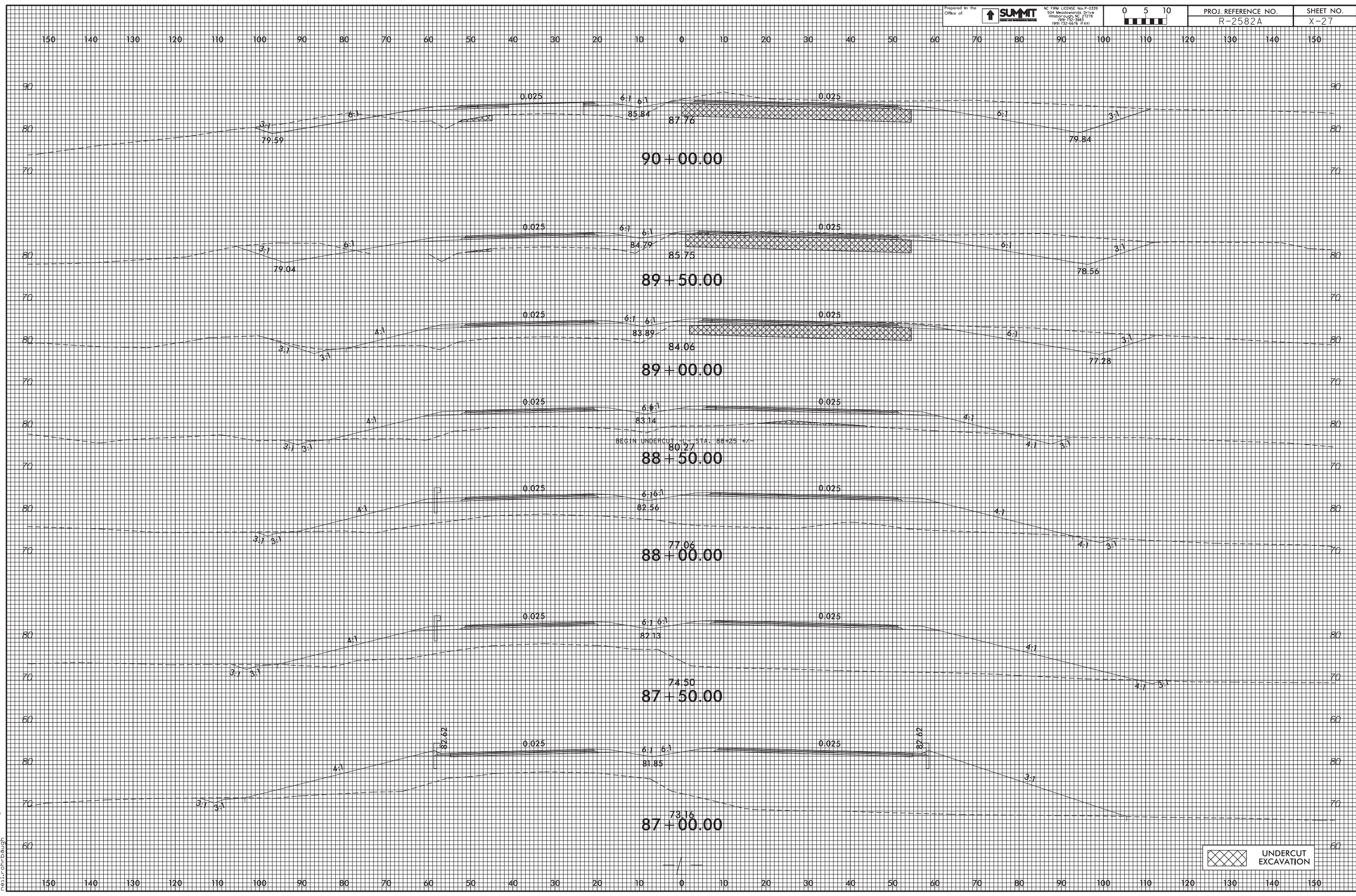
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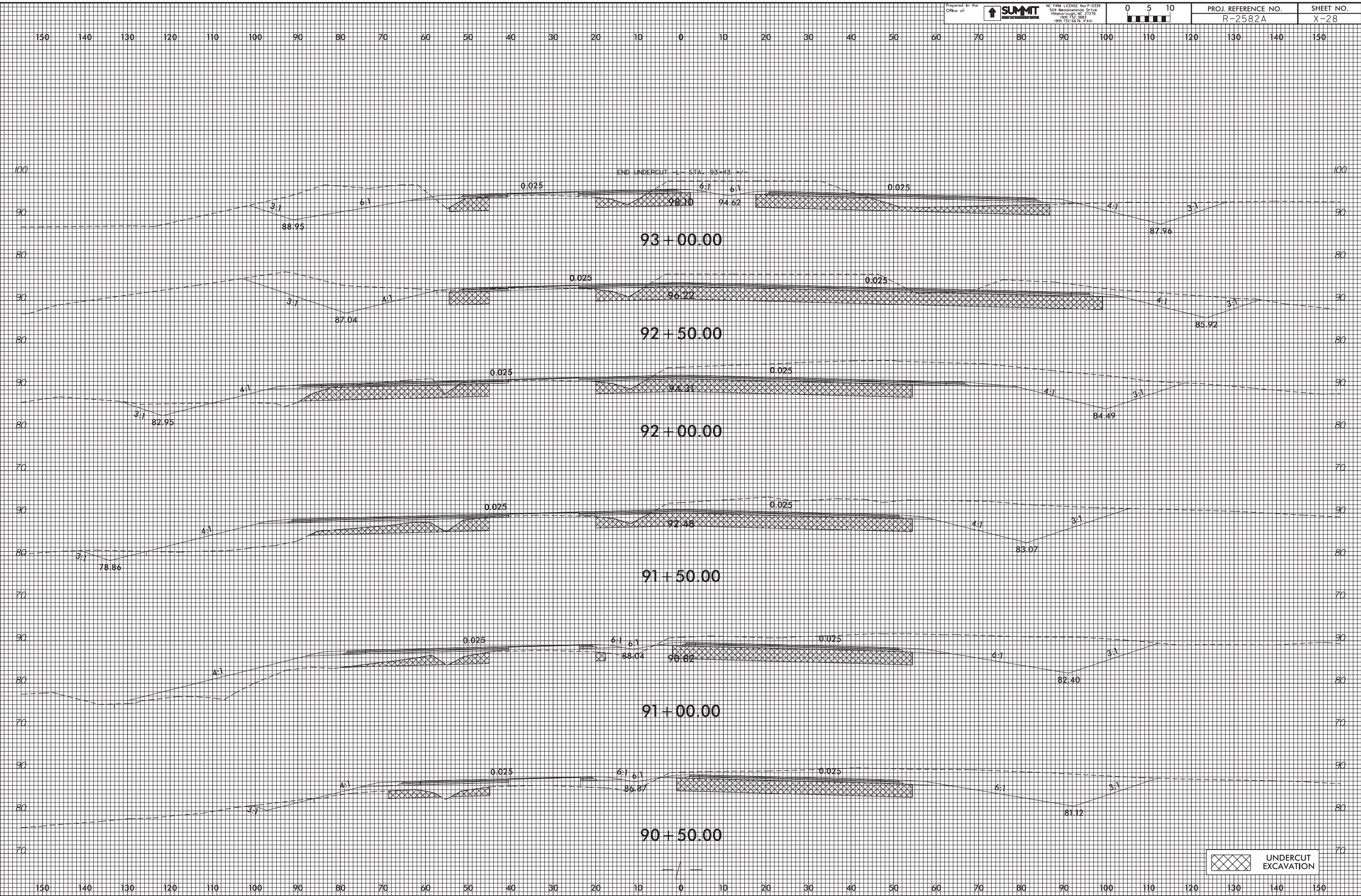


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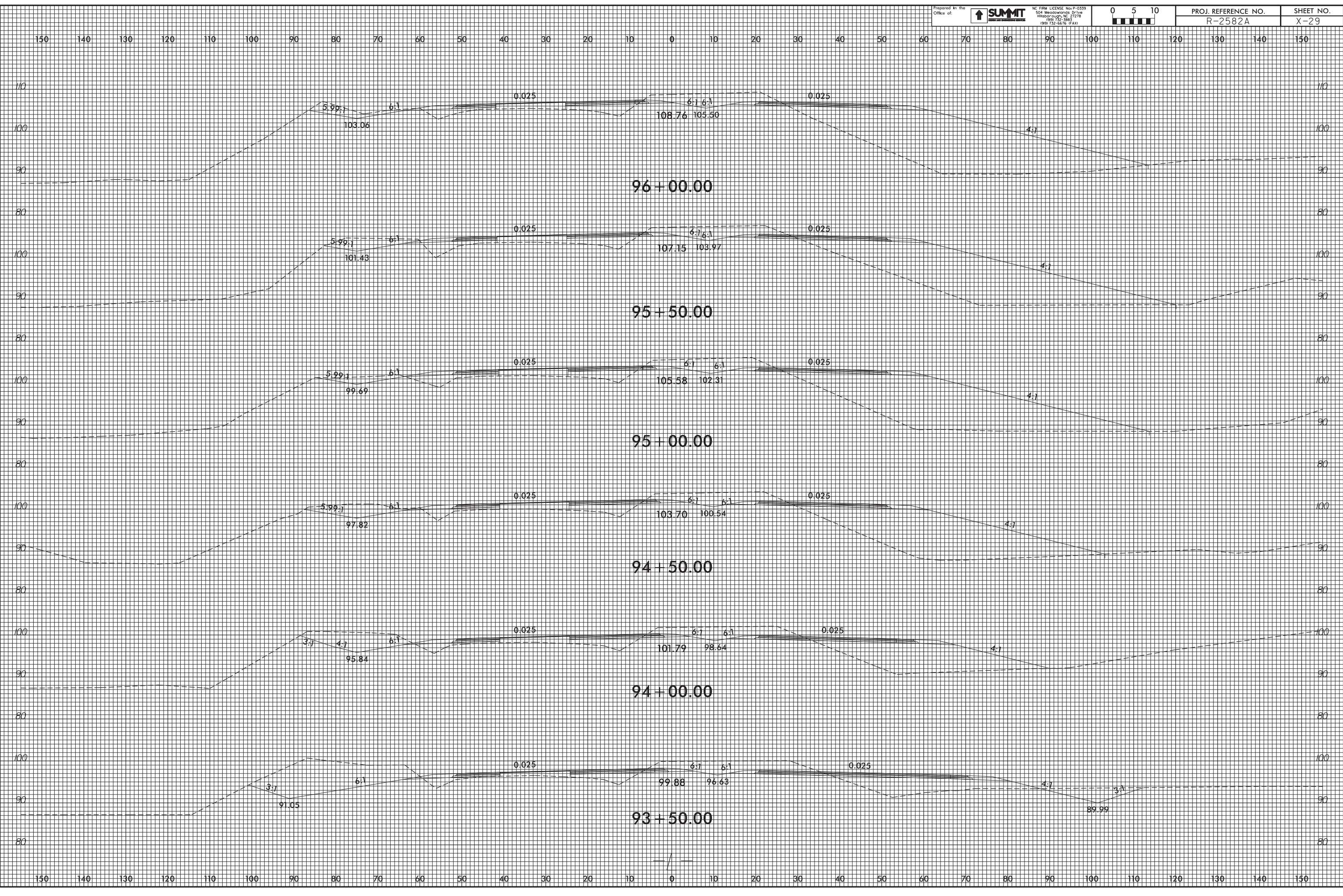
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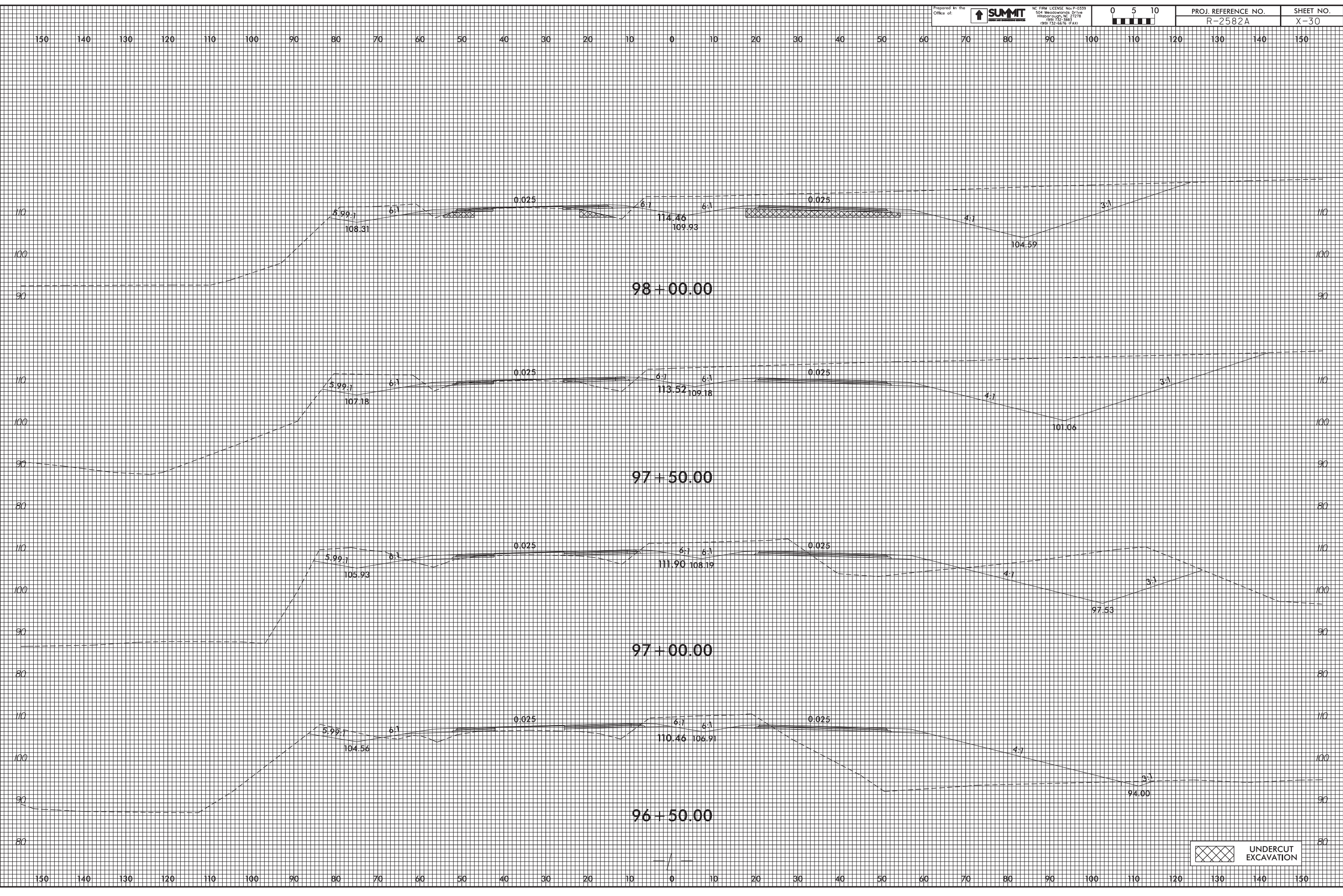


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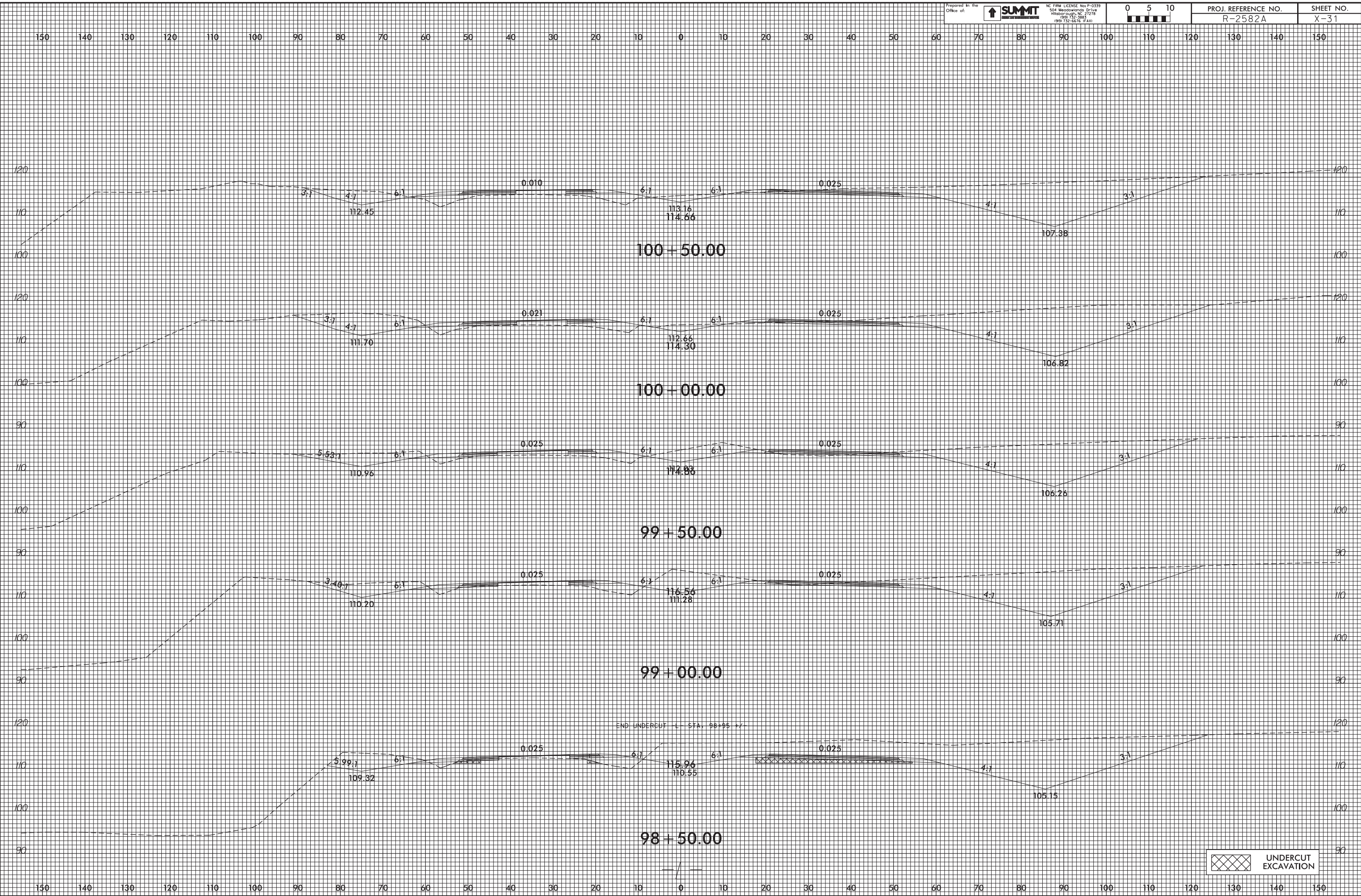


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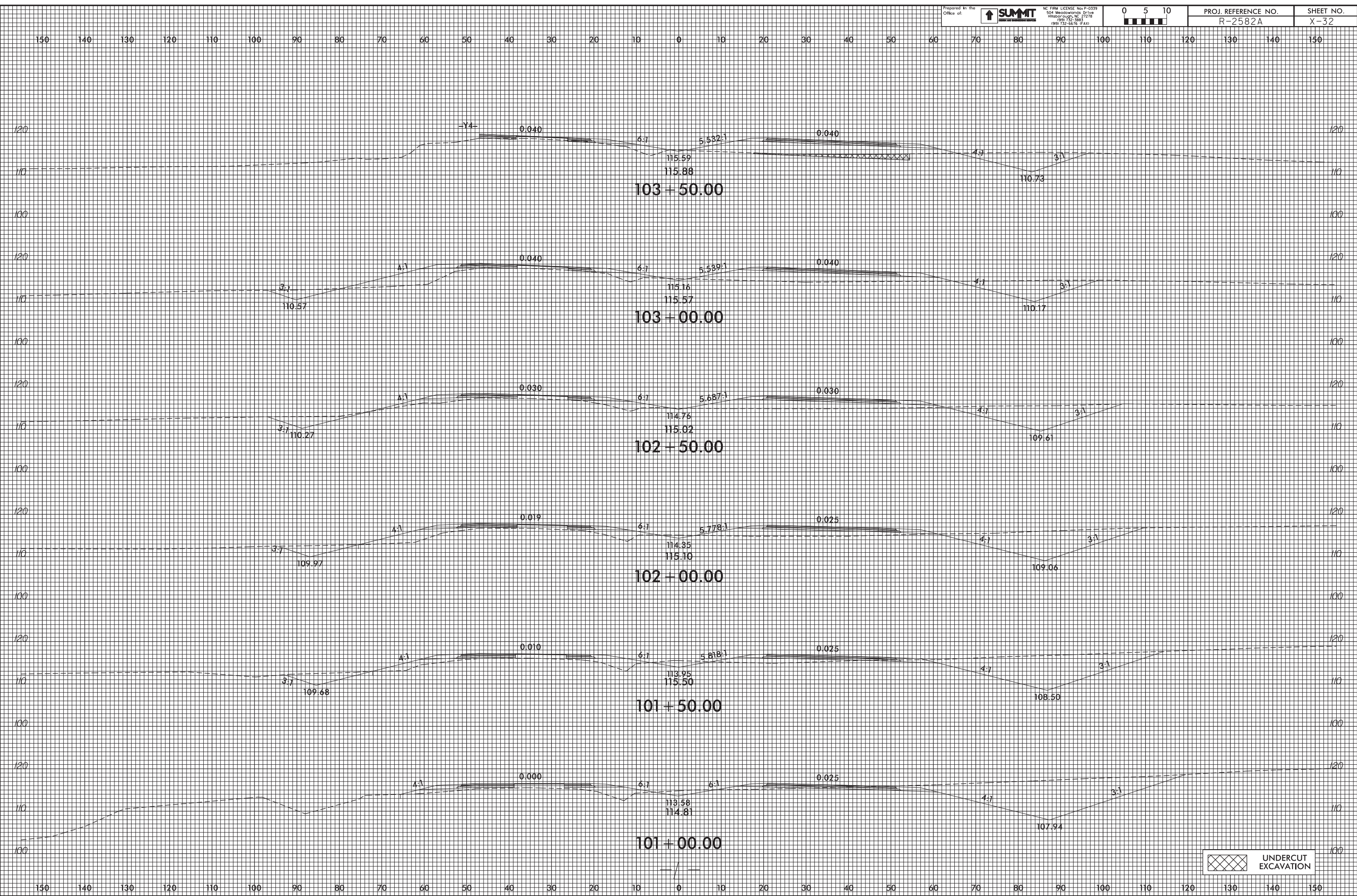


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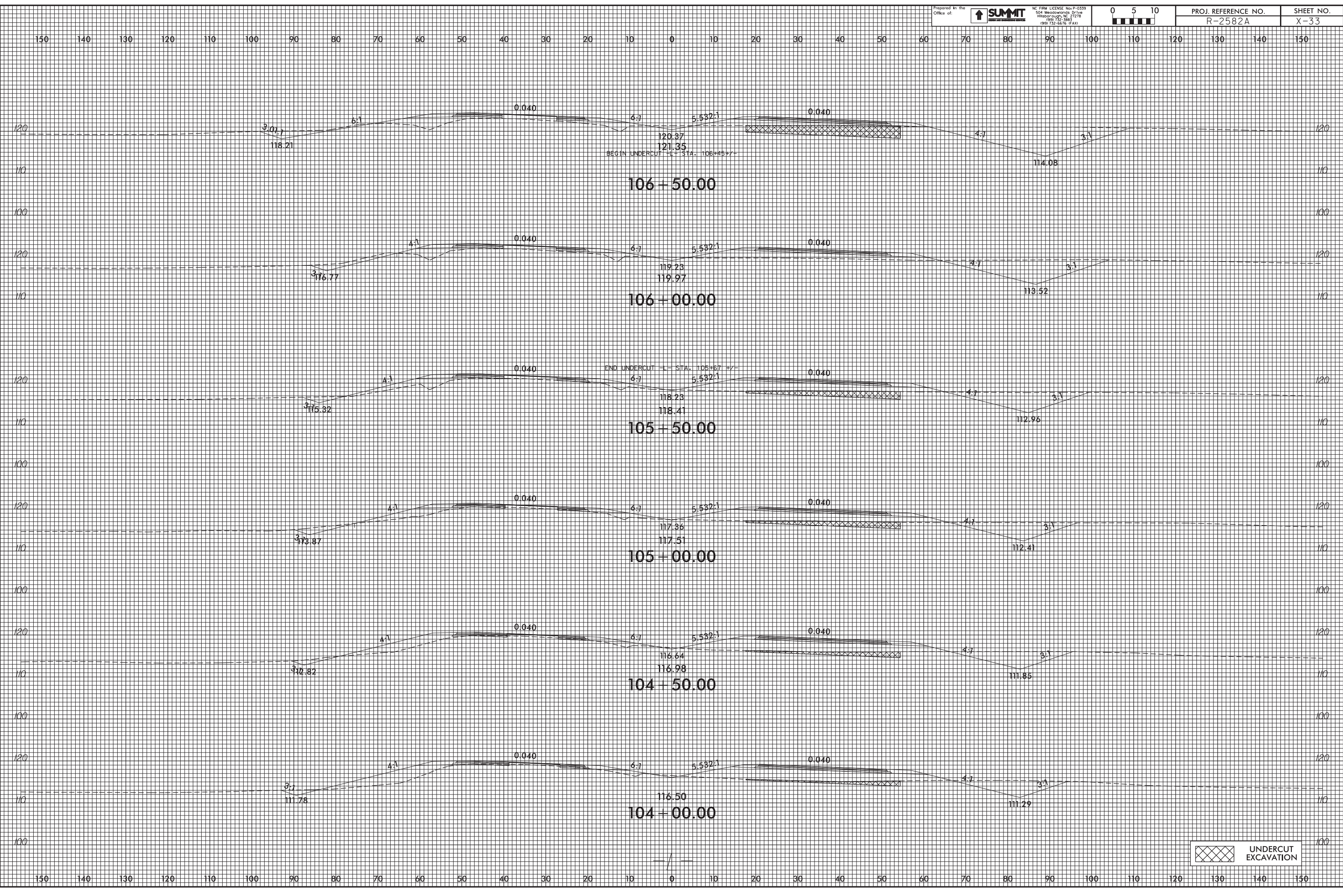
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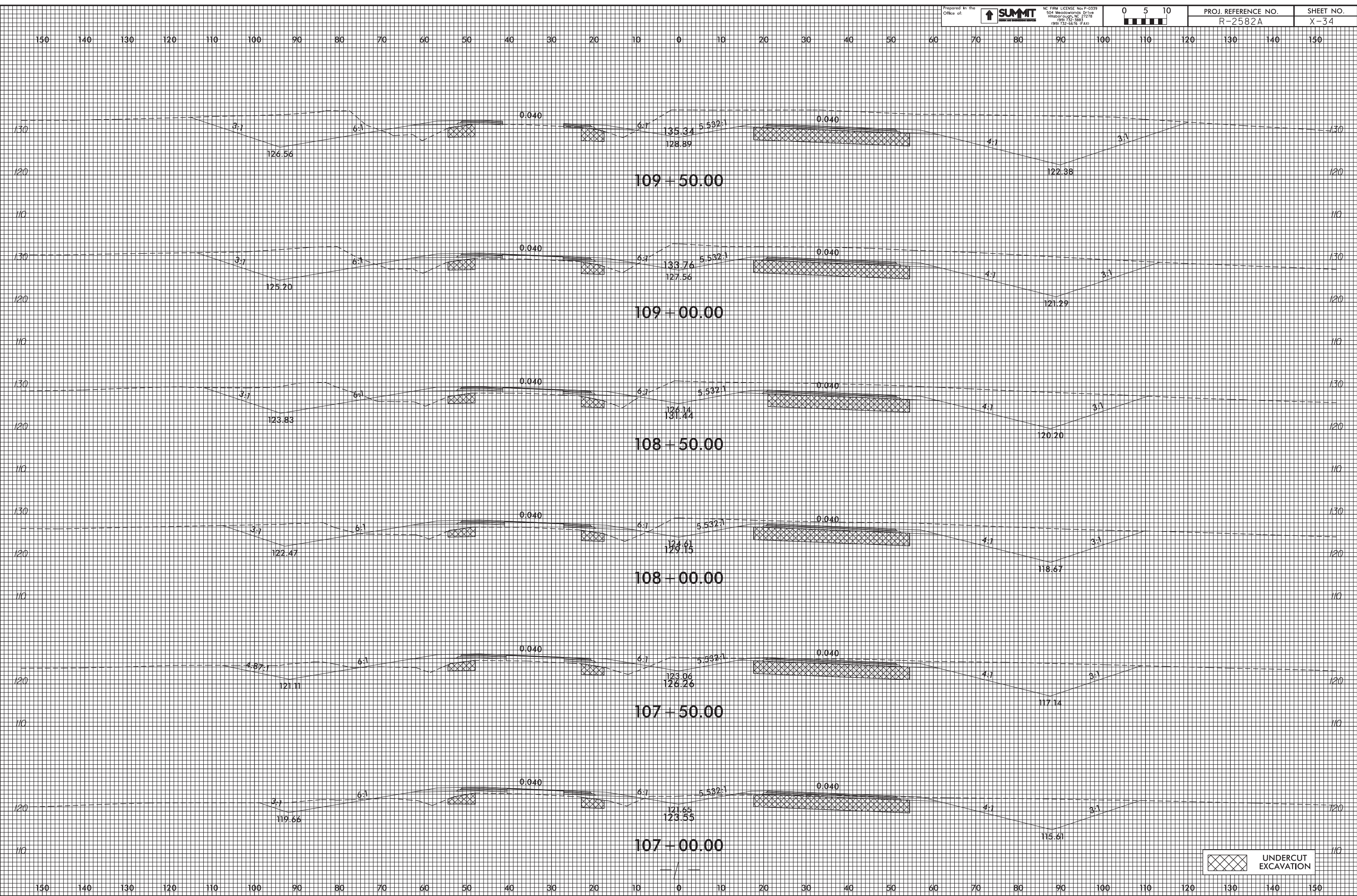
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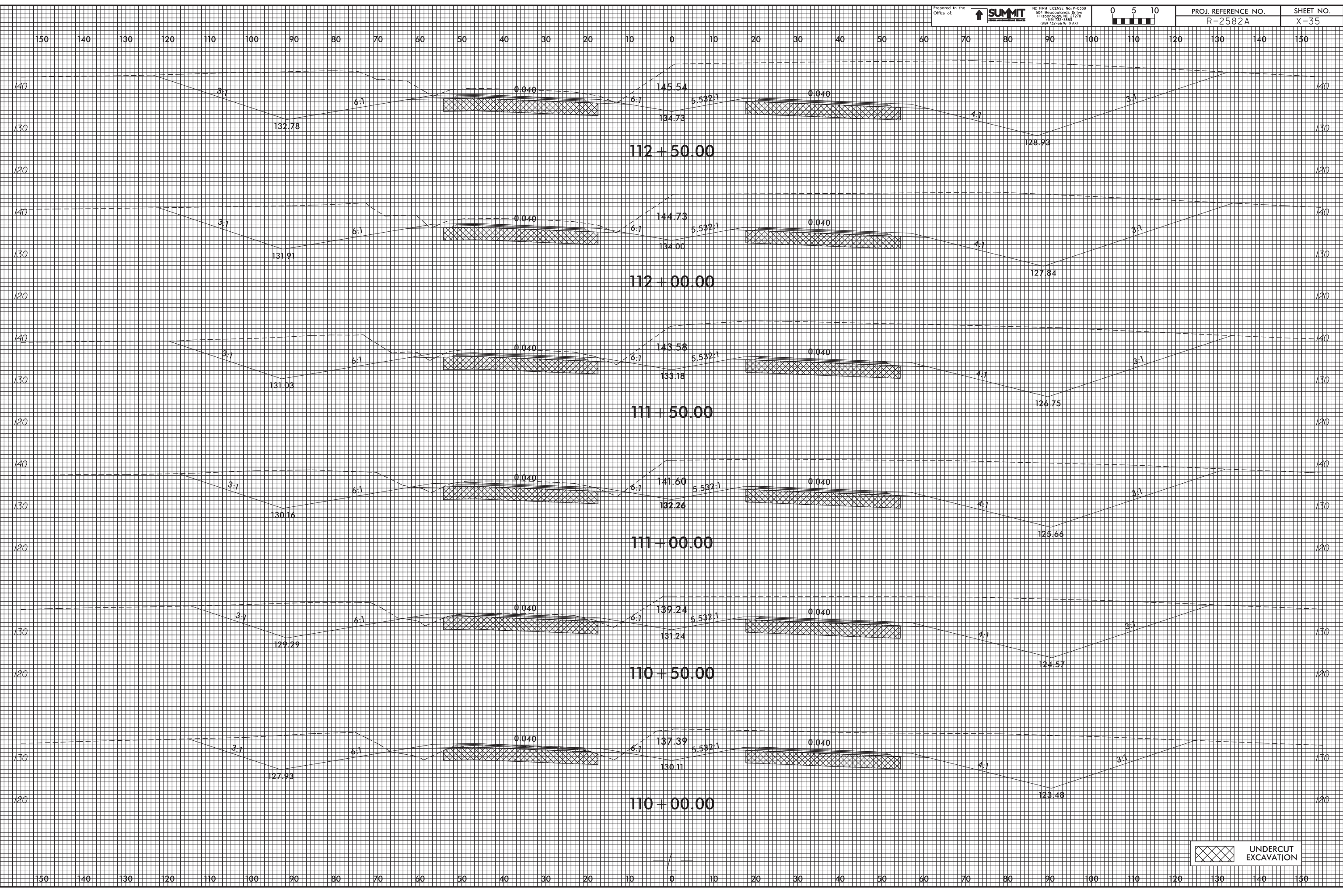


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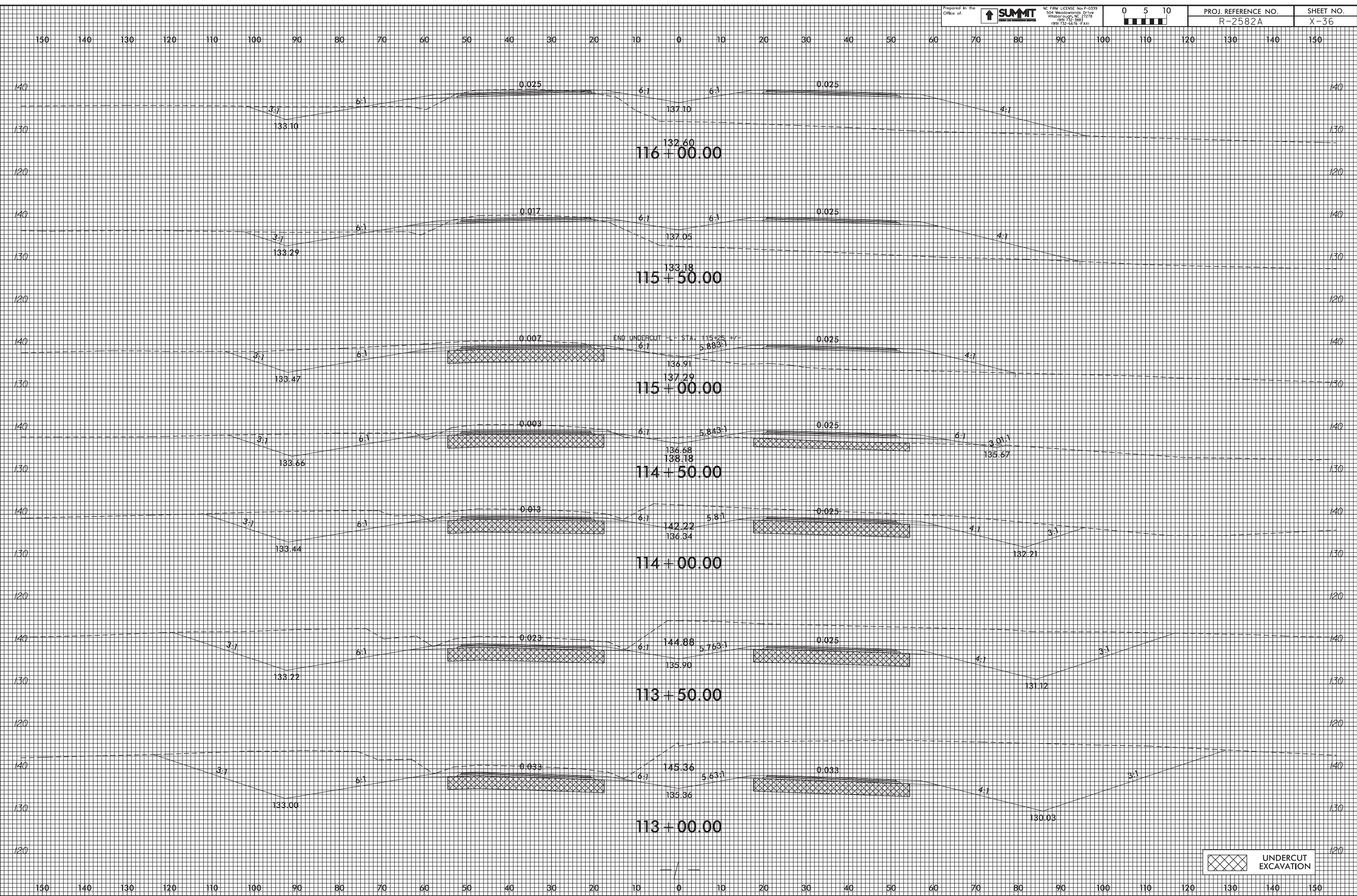
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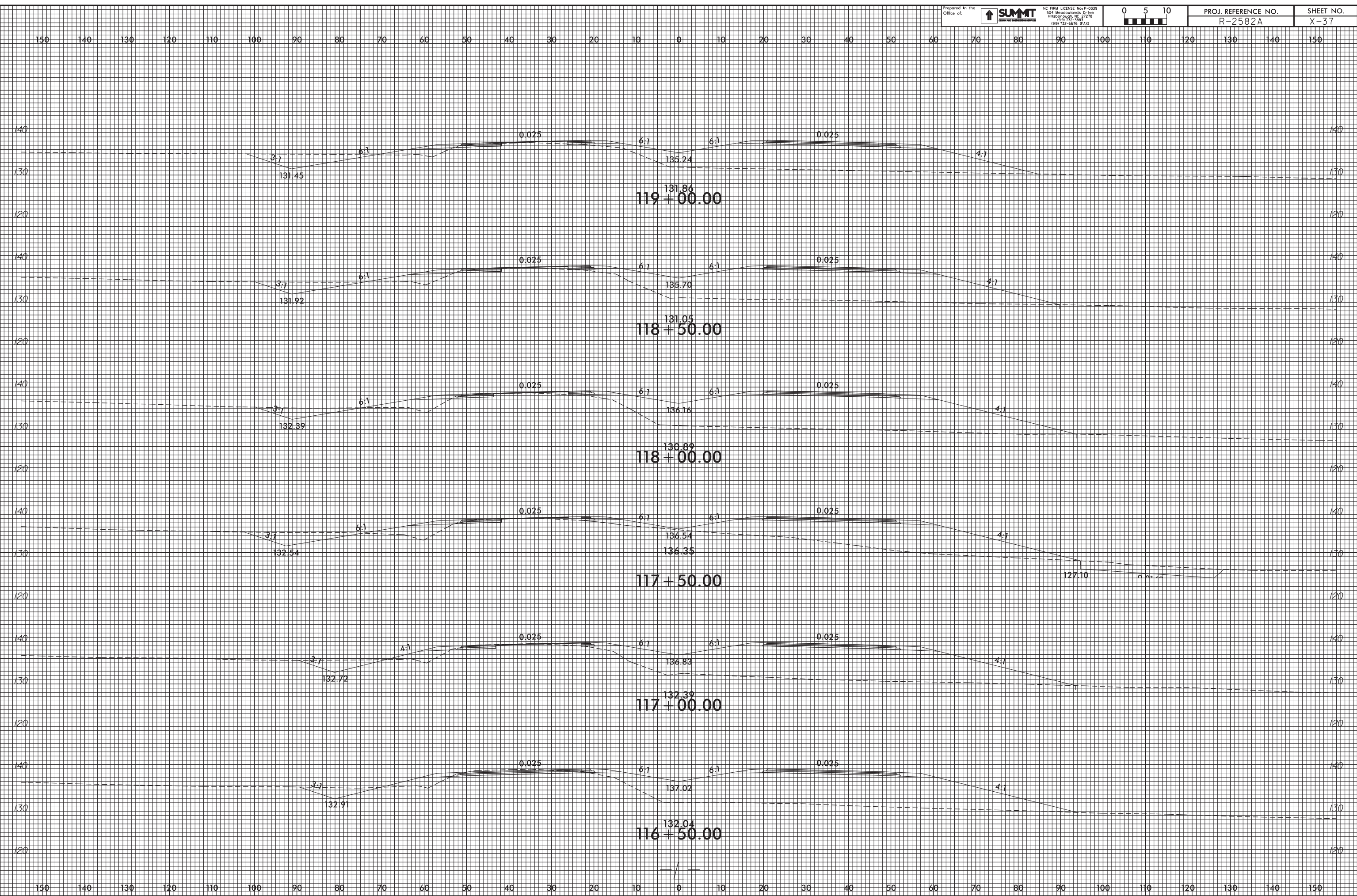
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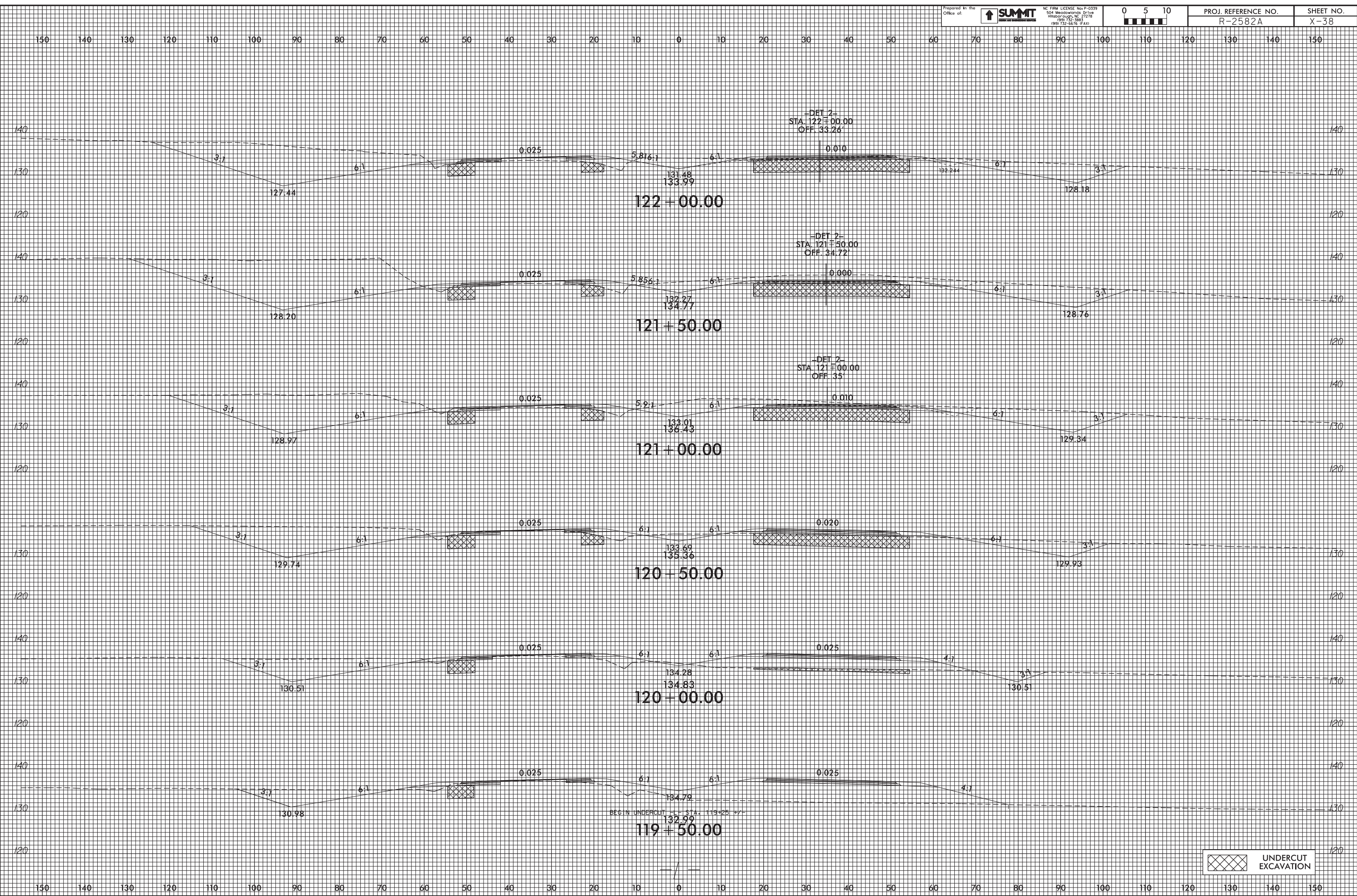


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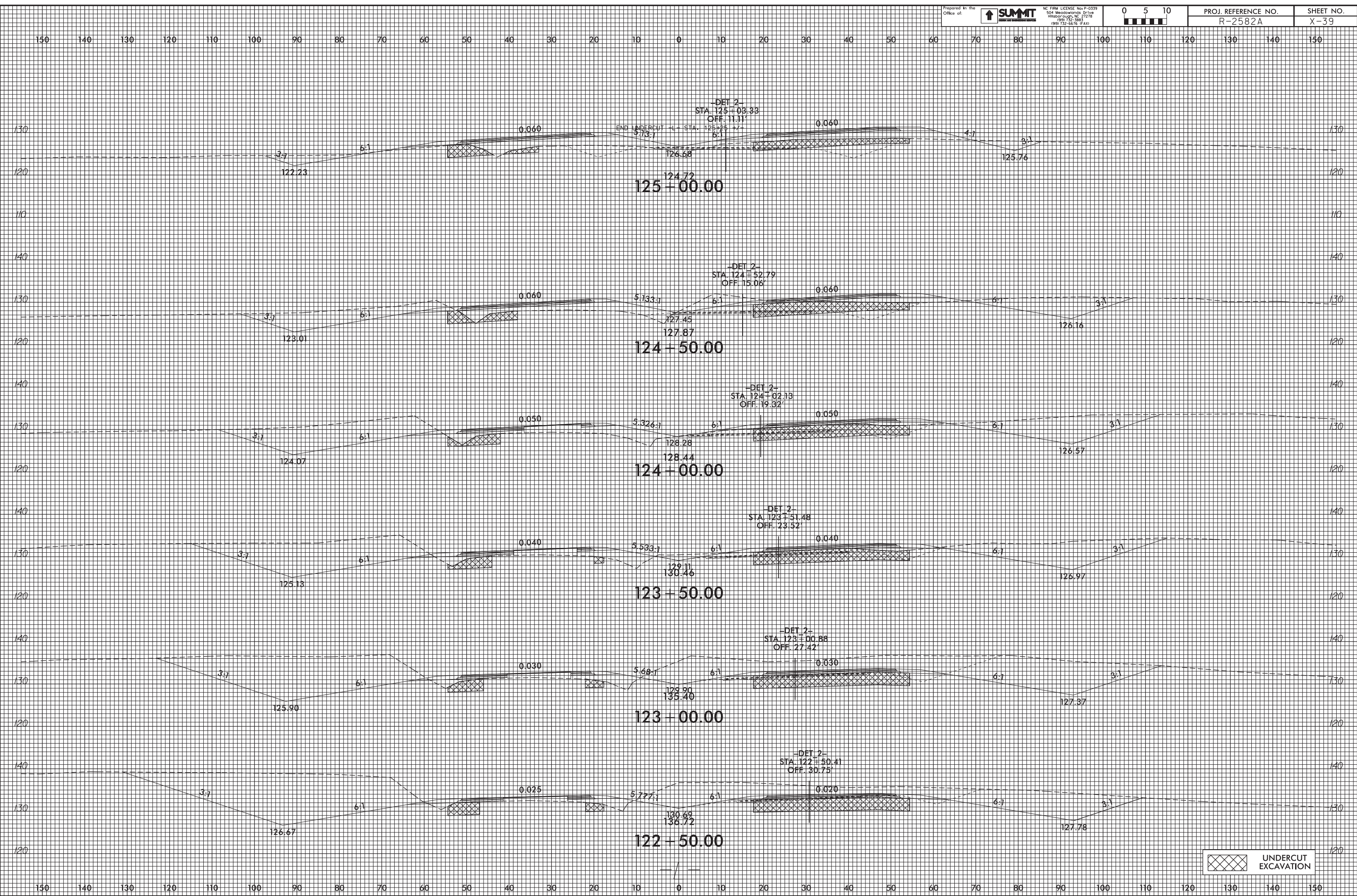
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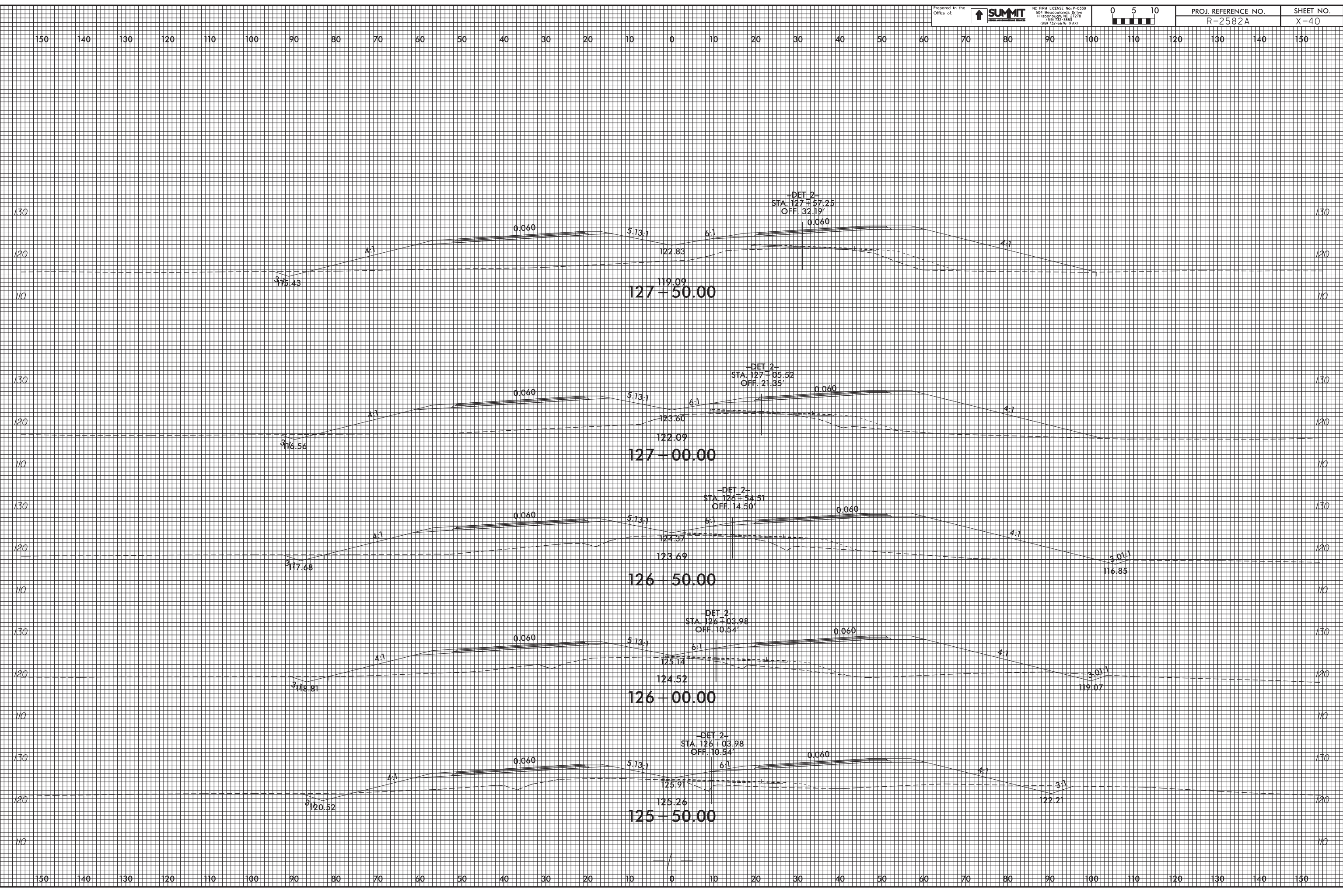


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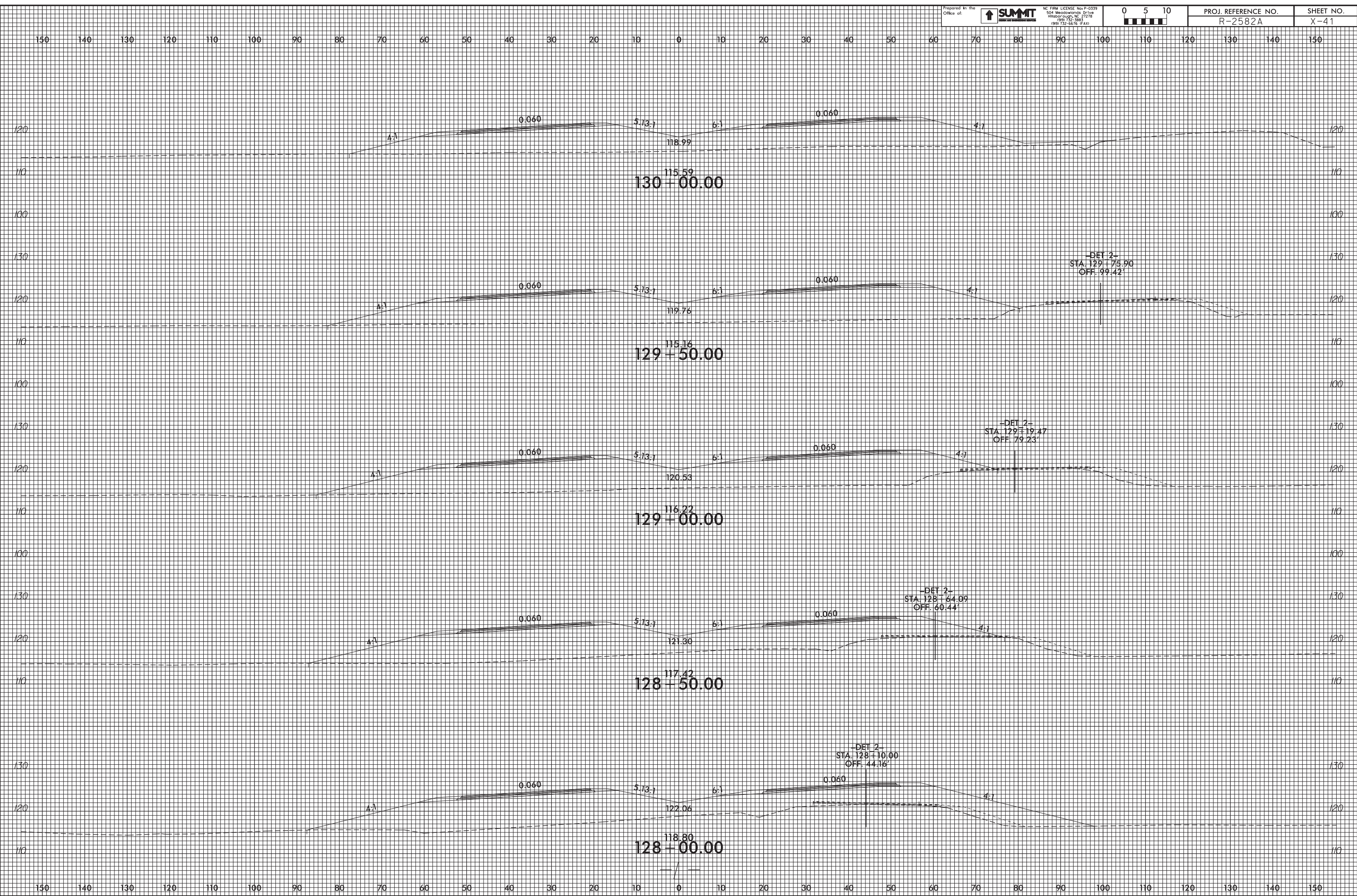


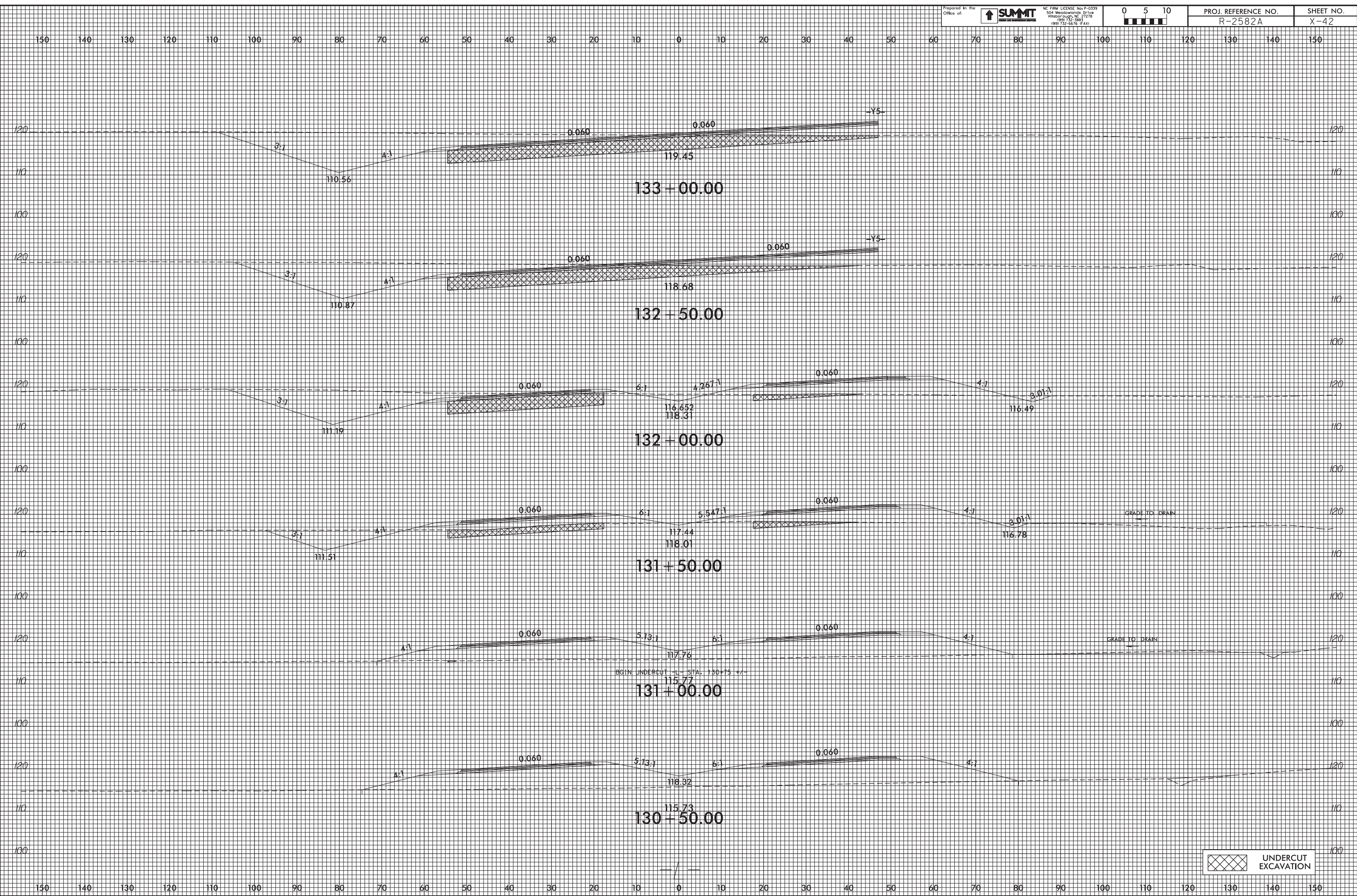
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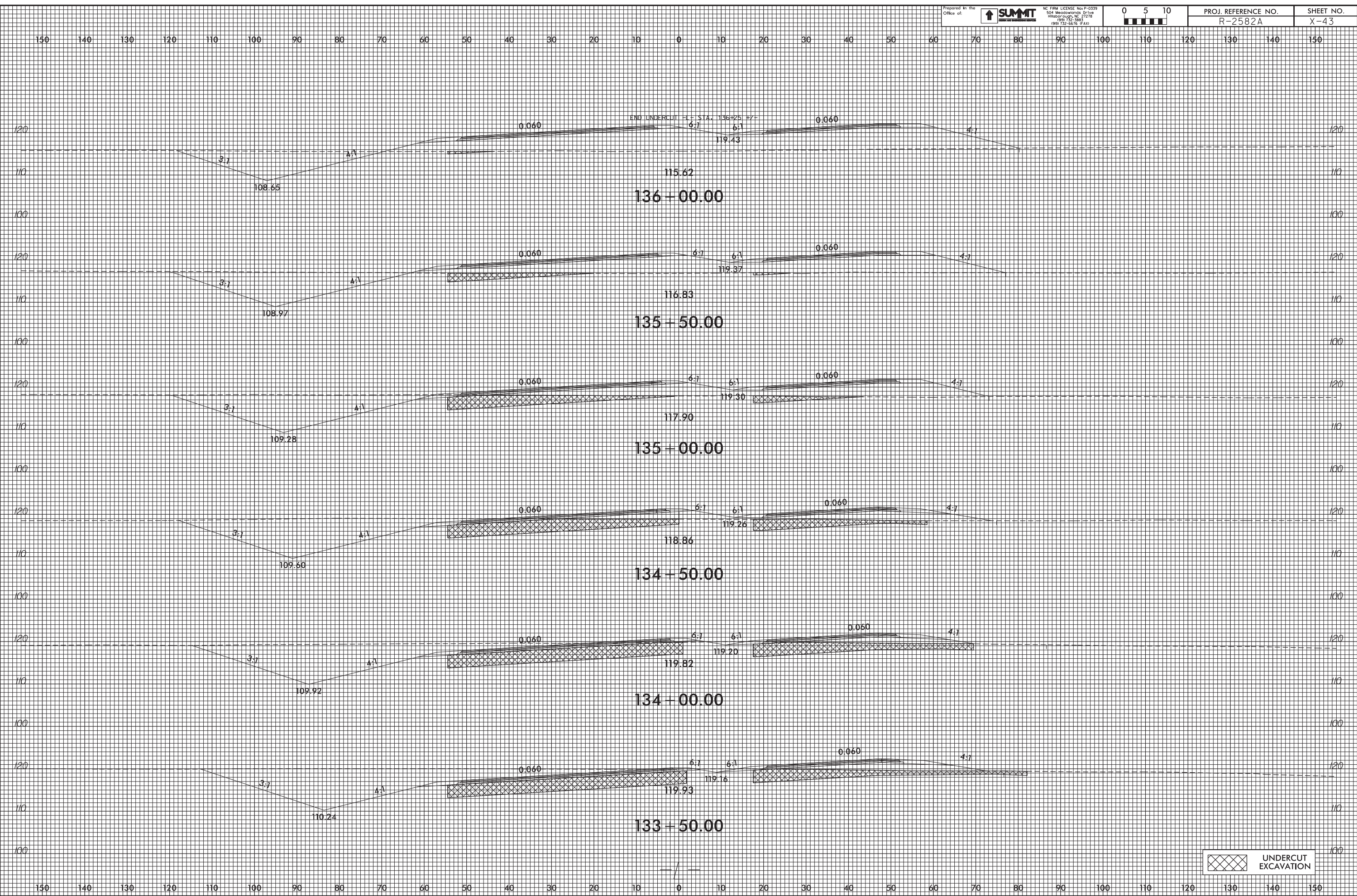
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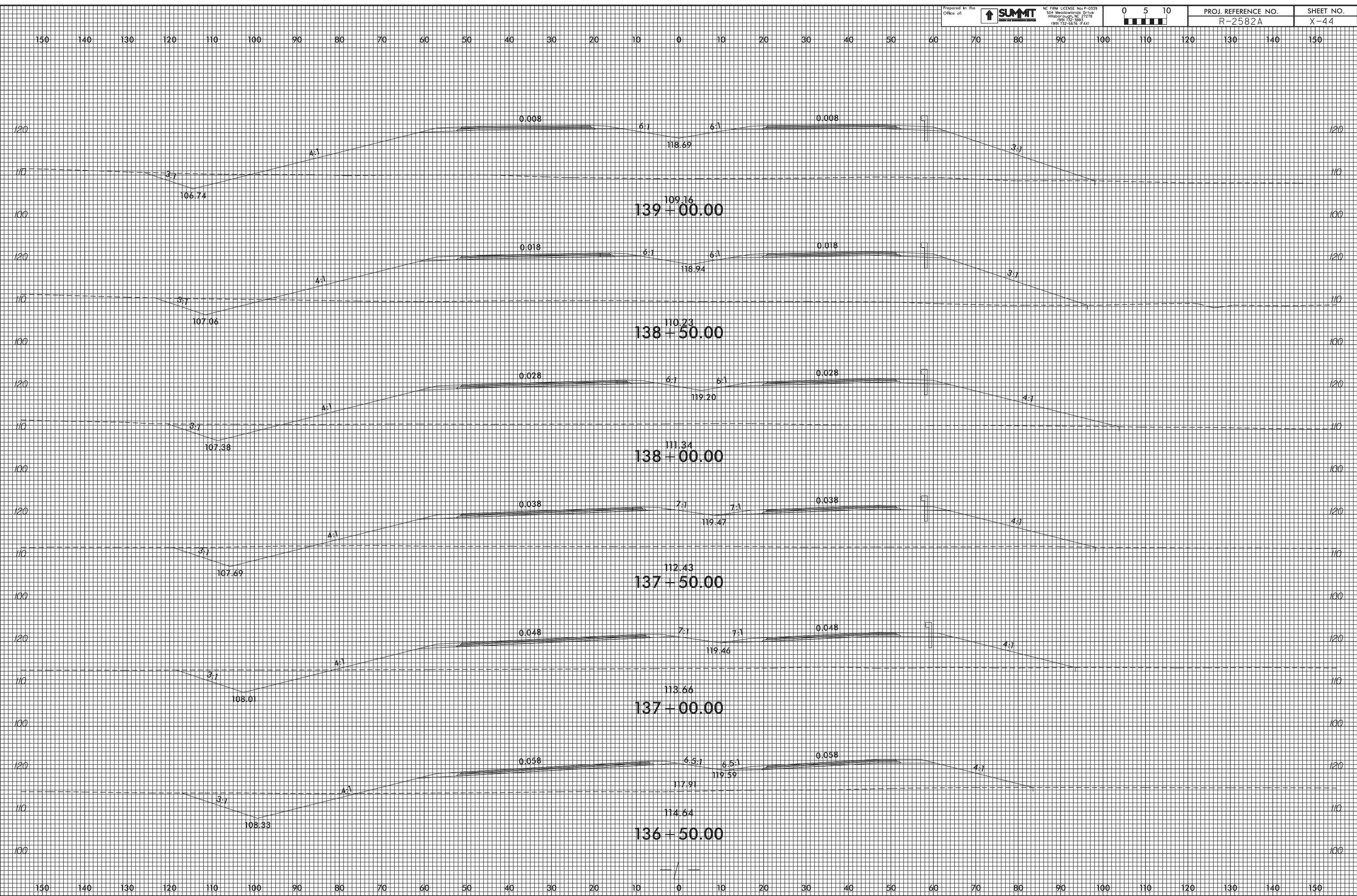
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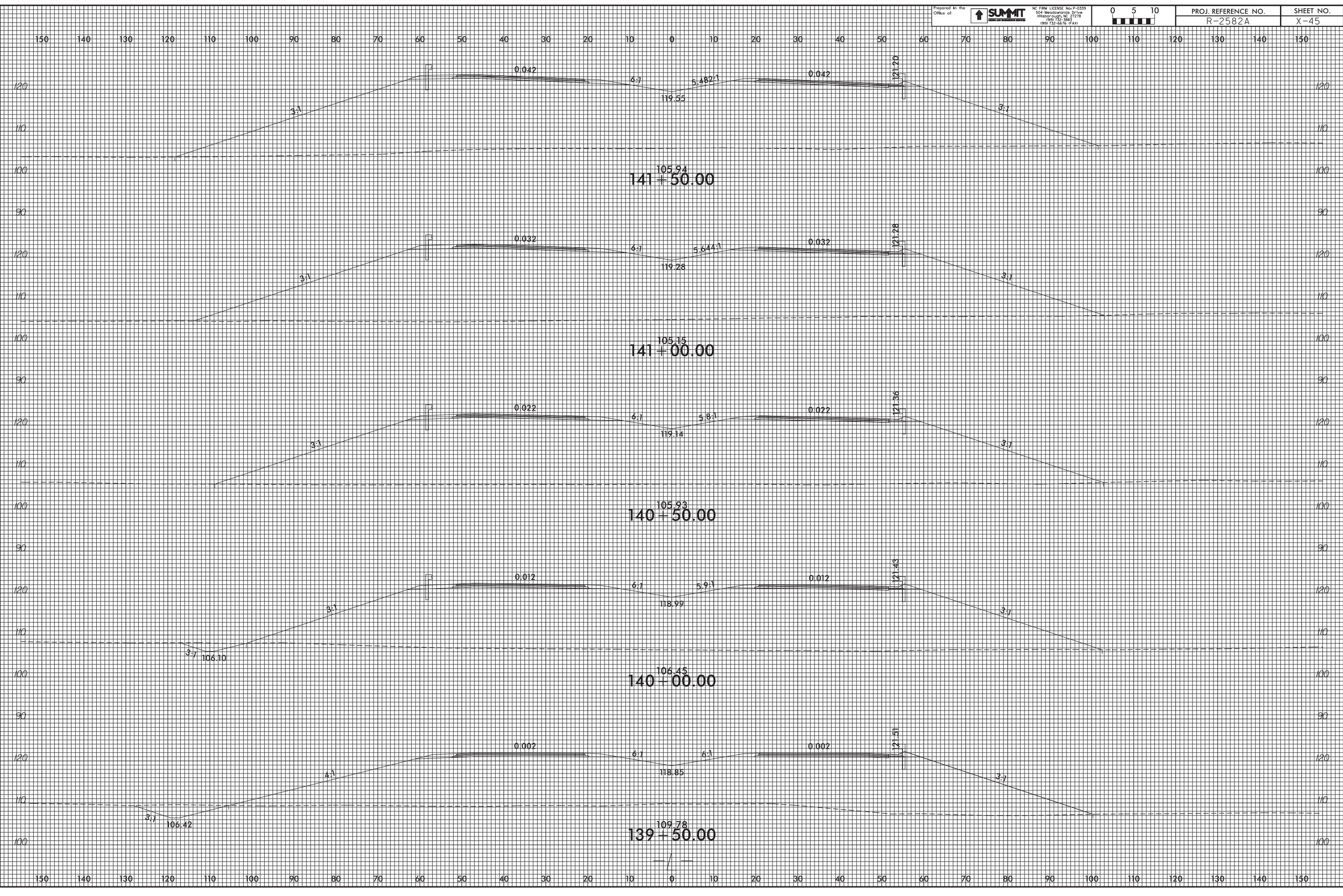


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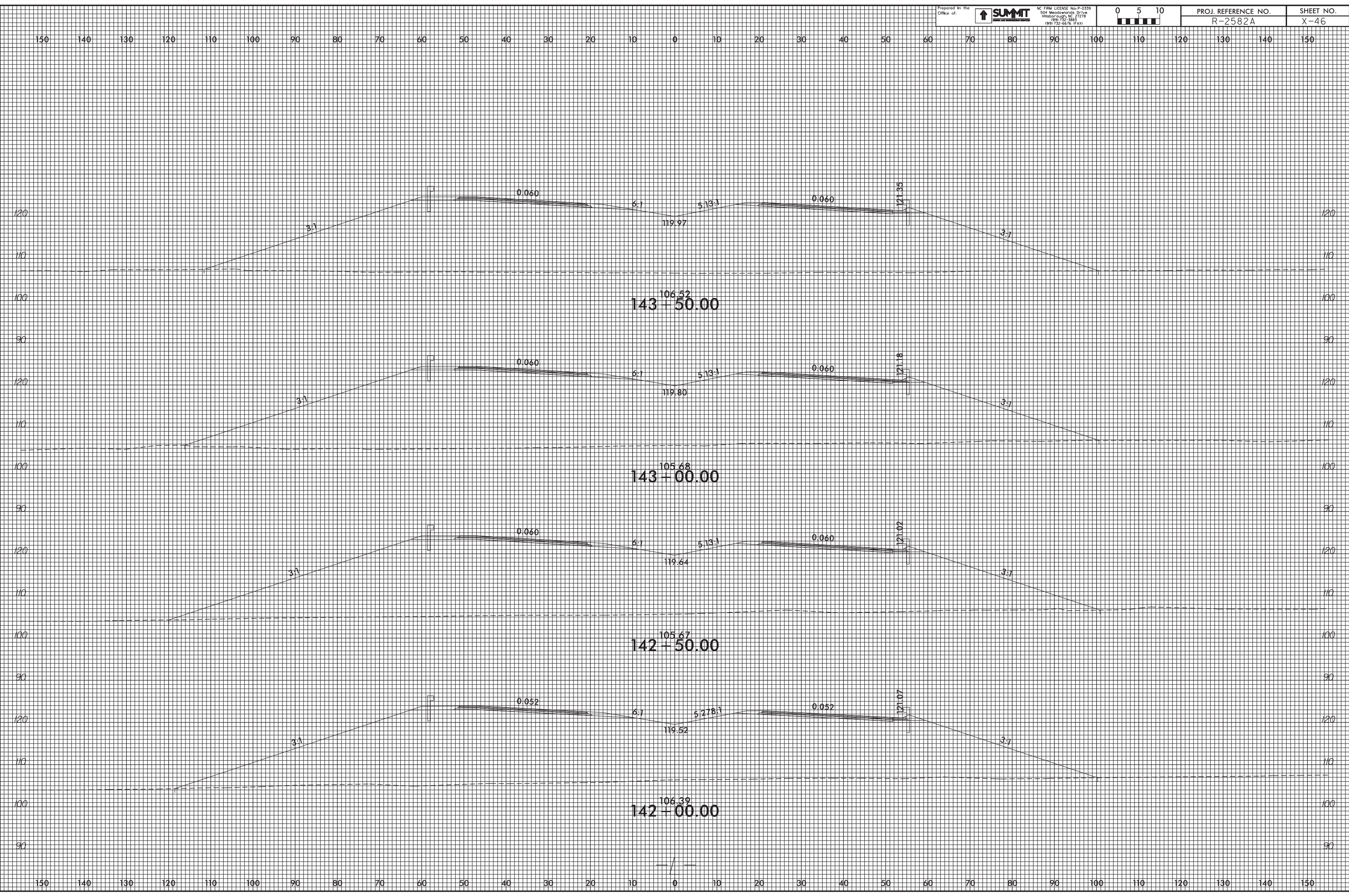
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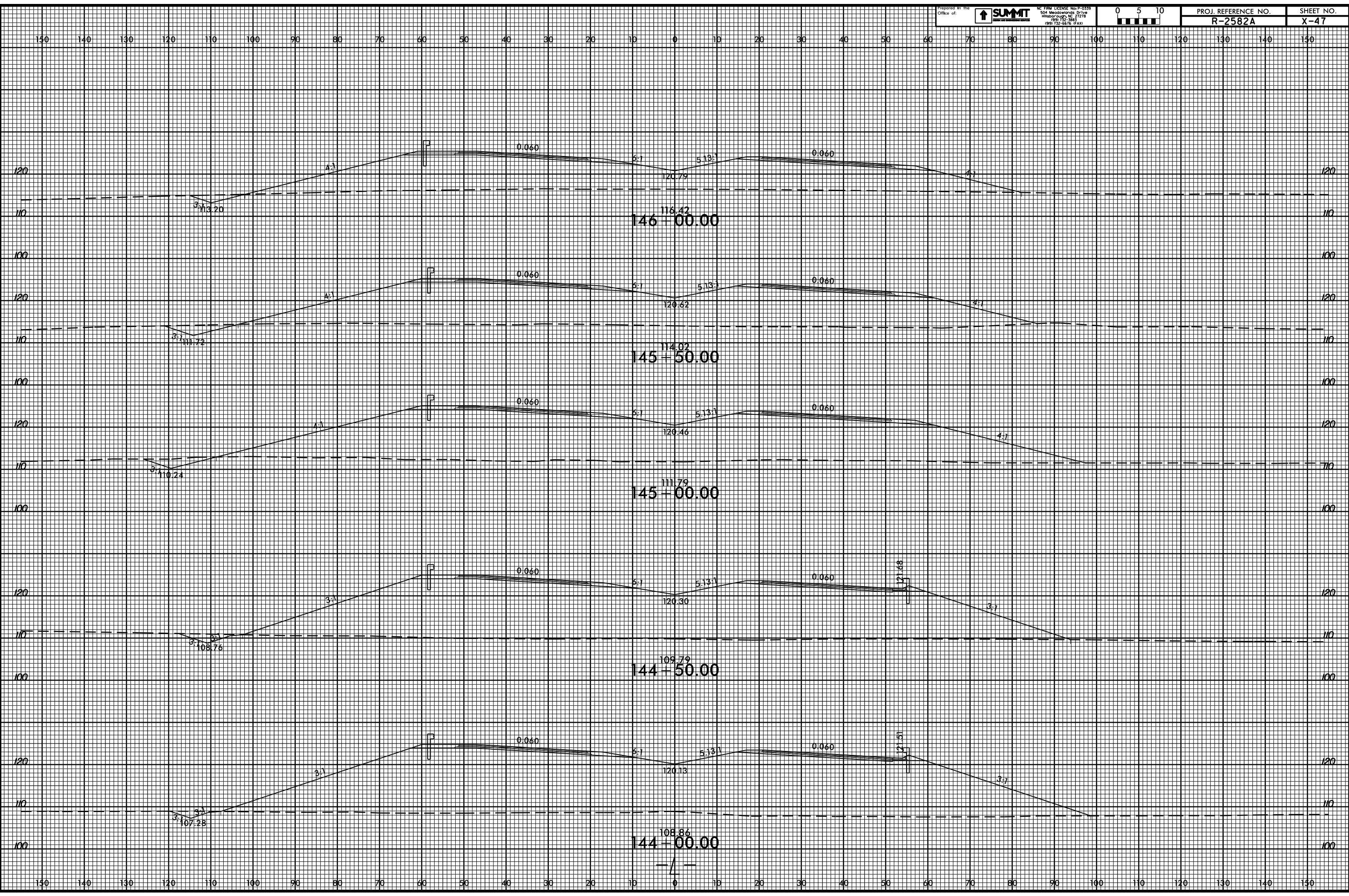




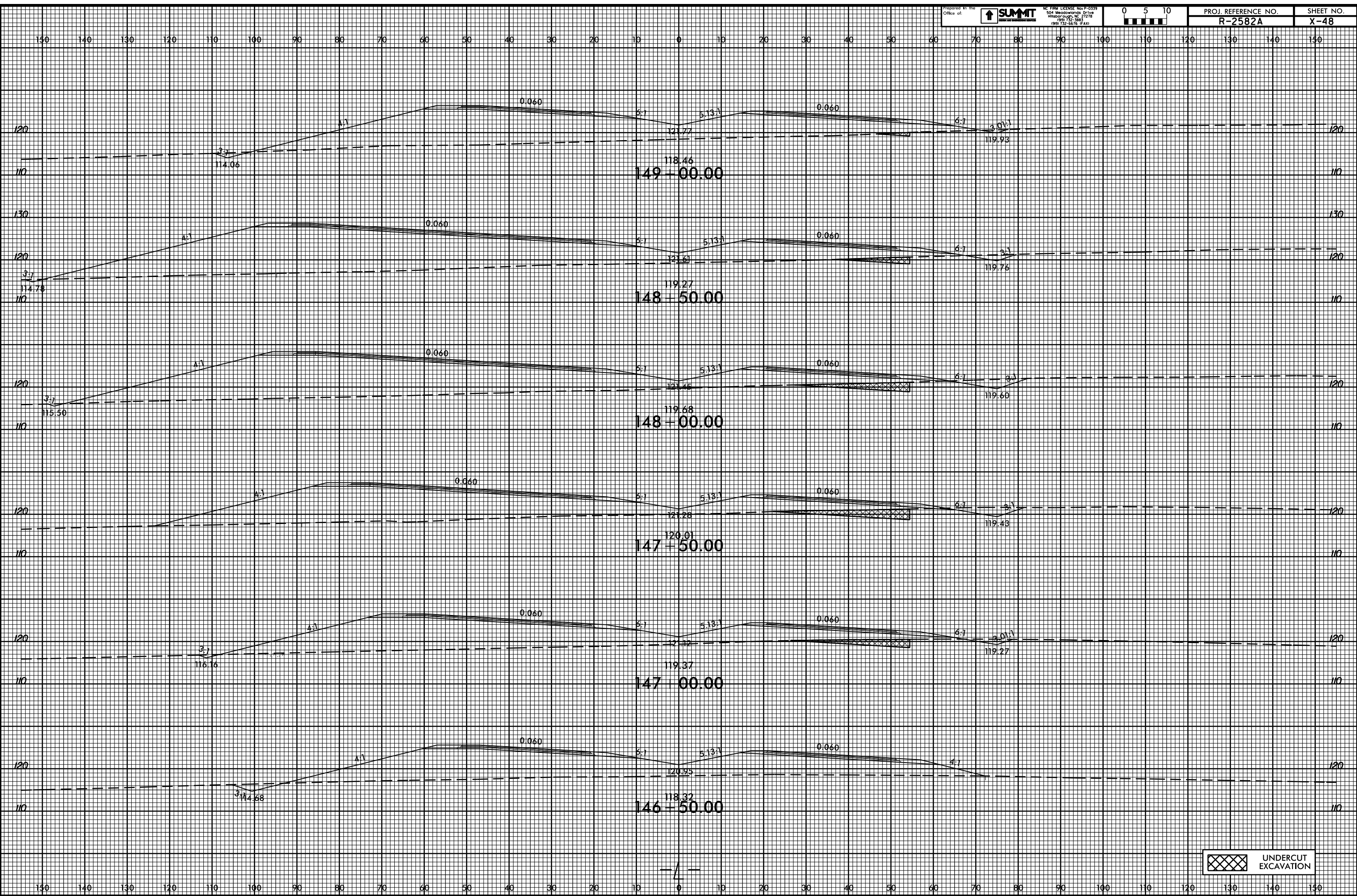


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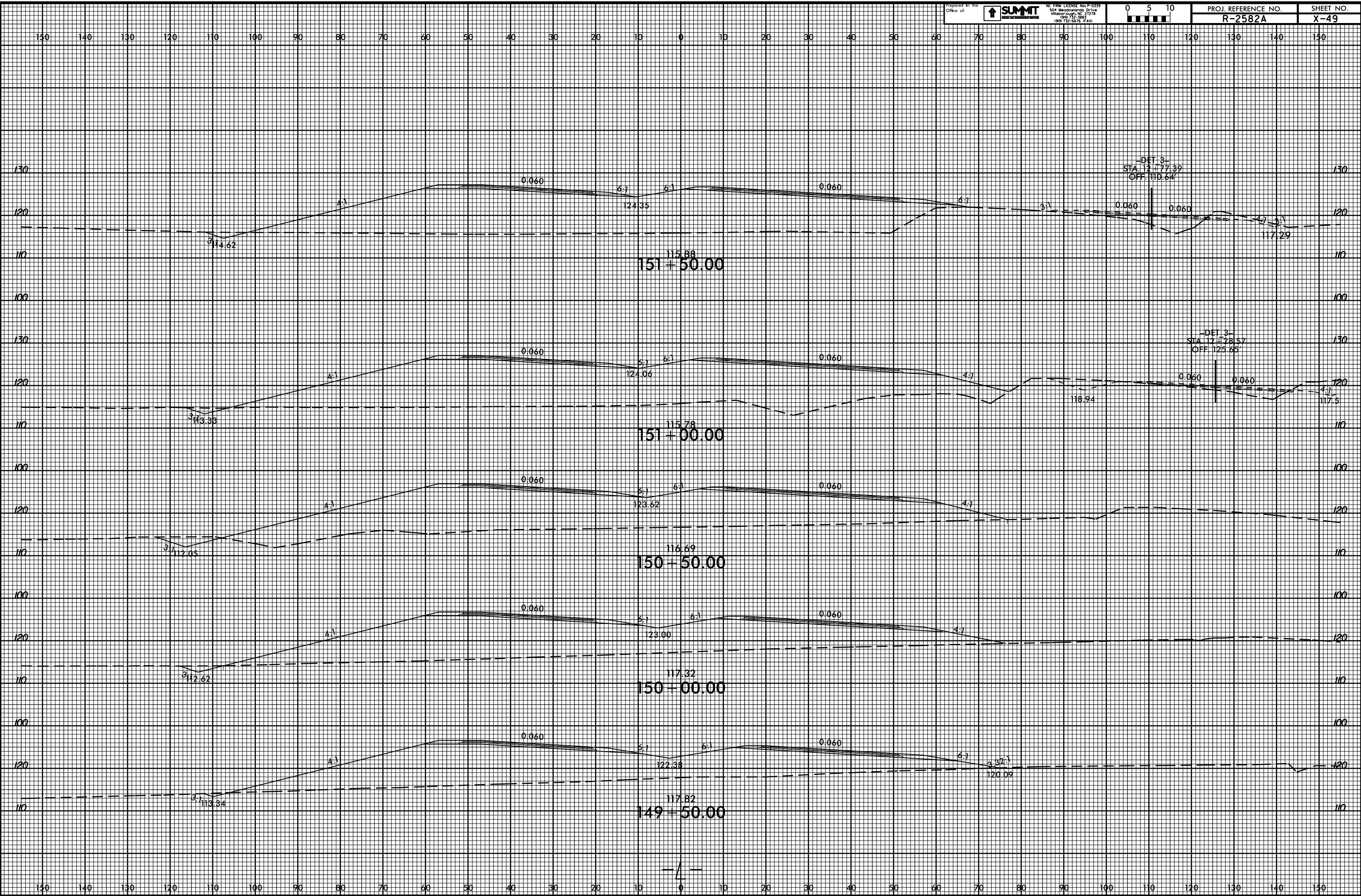




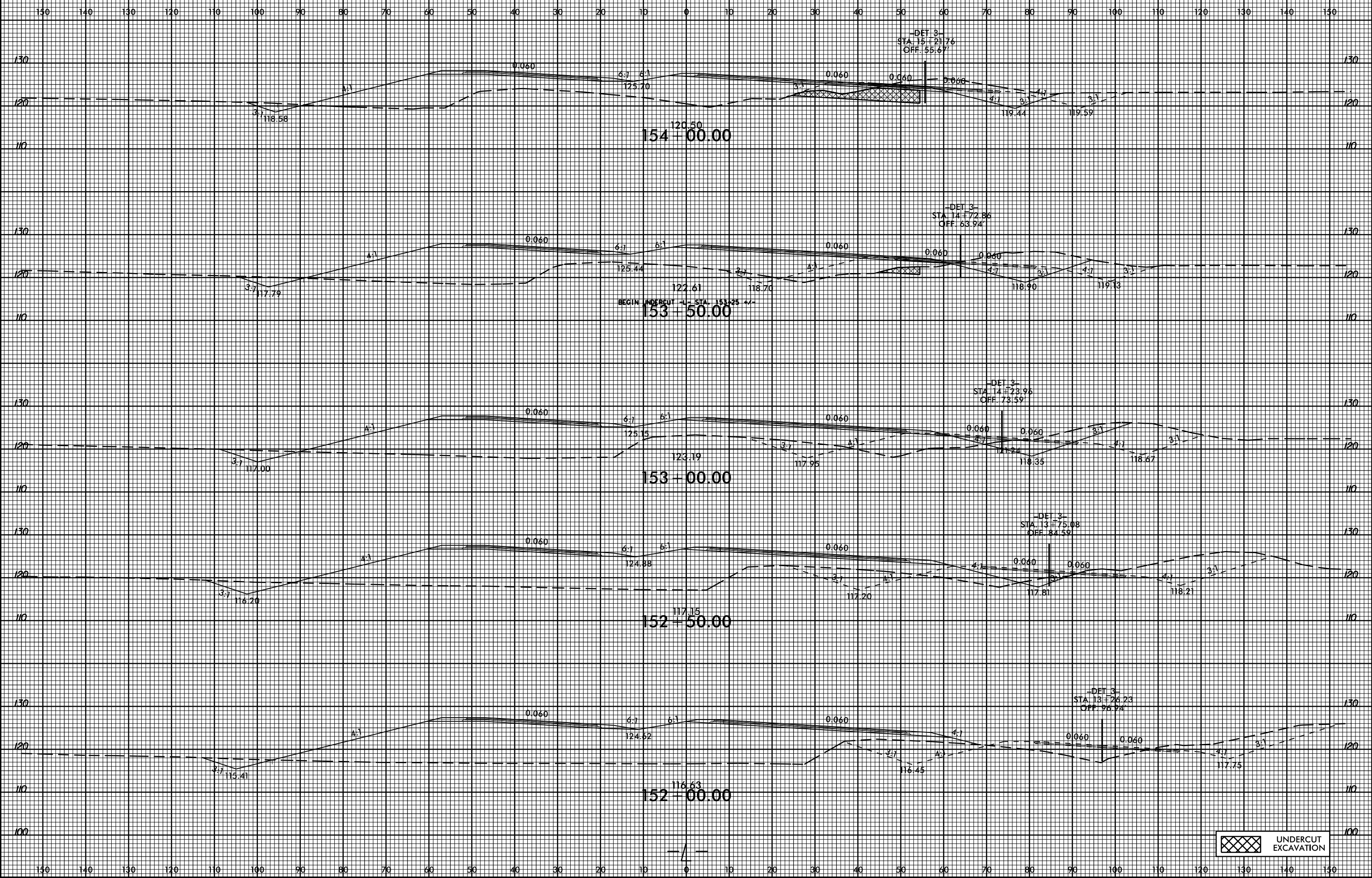
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UNDERCUT EXCAVATION

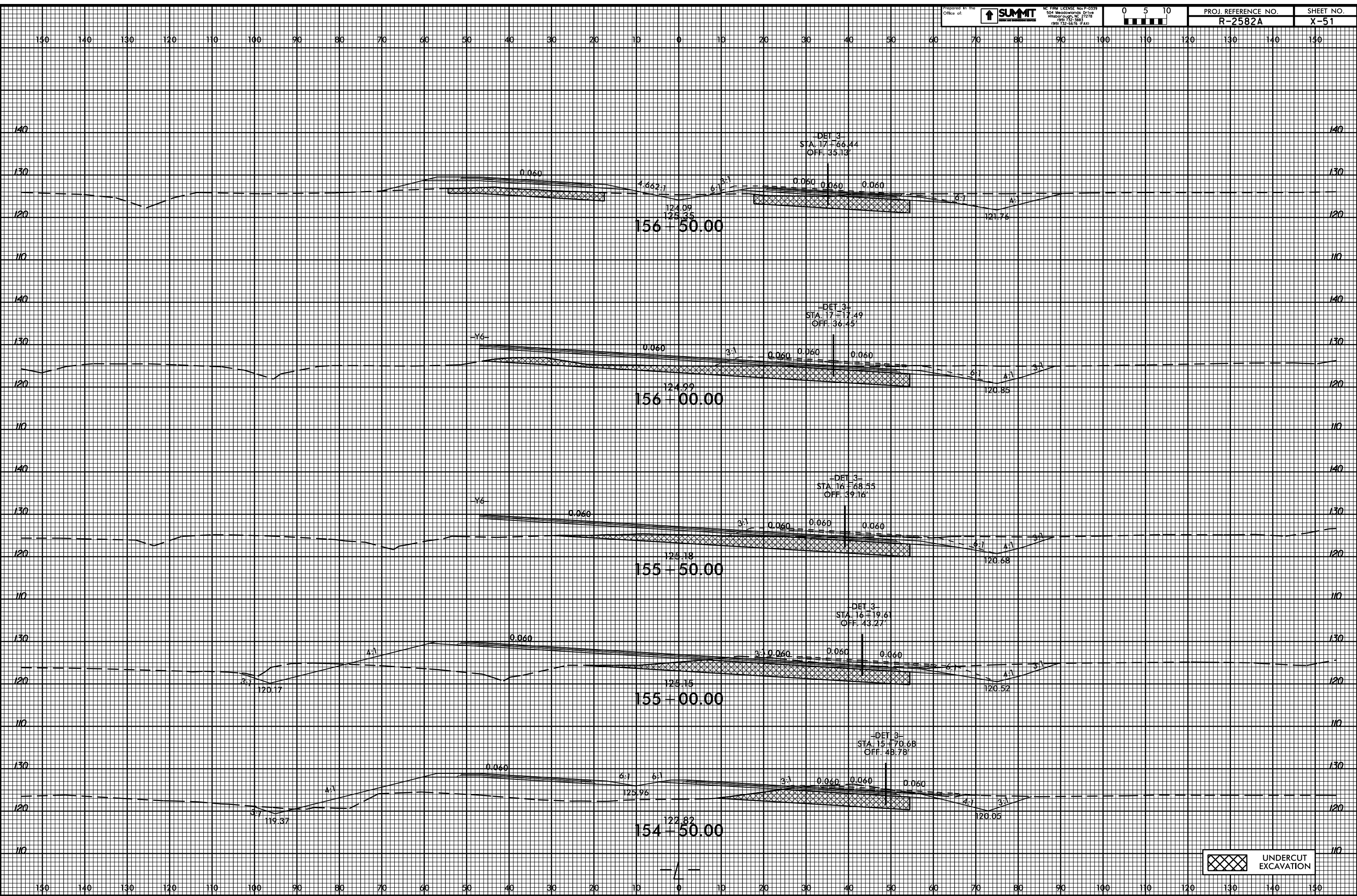


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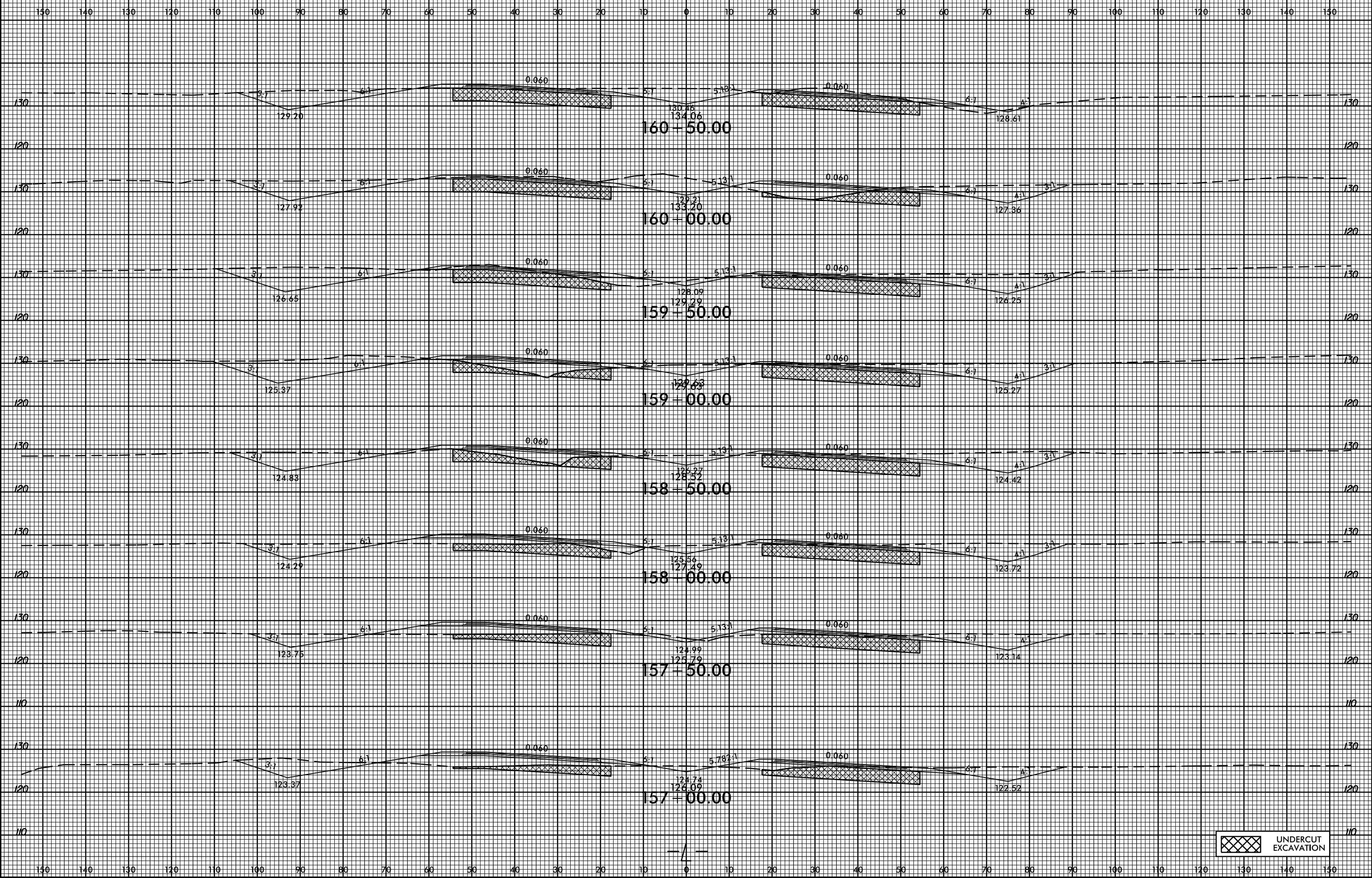
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 UNDERCUT EXCAVATION



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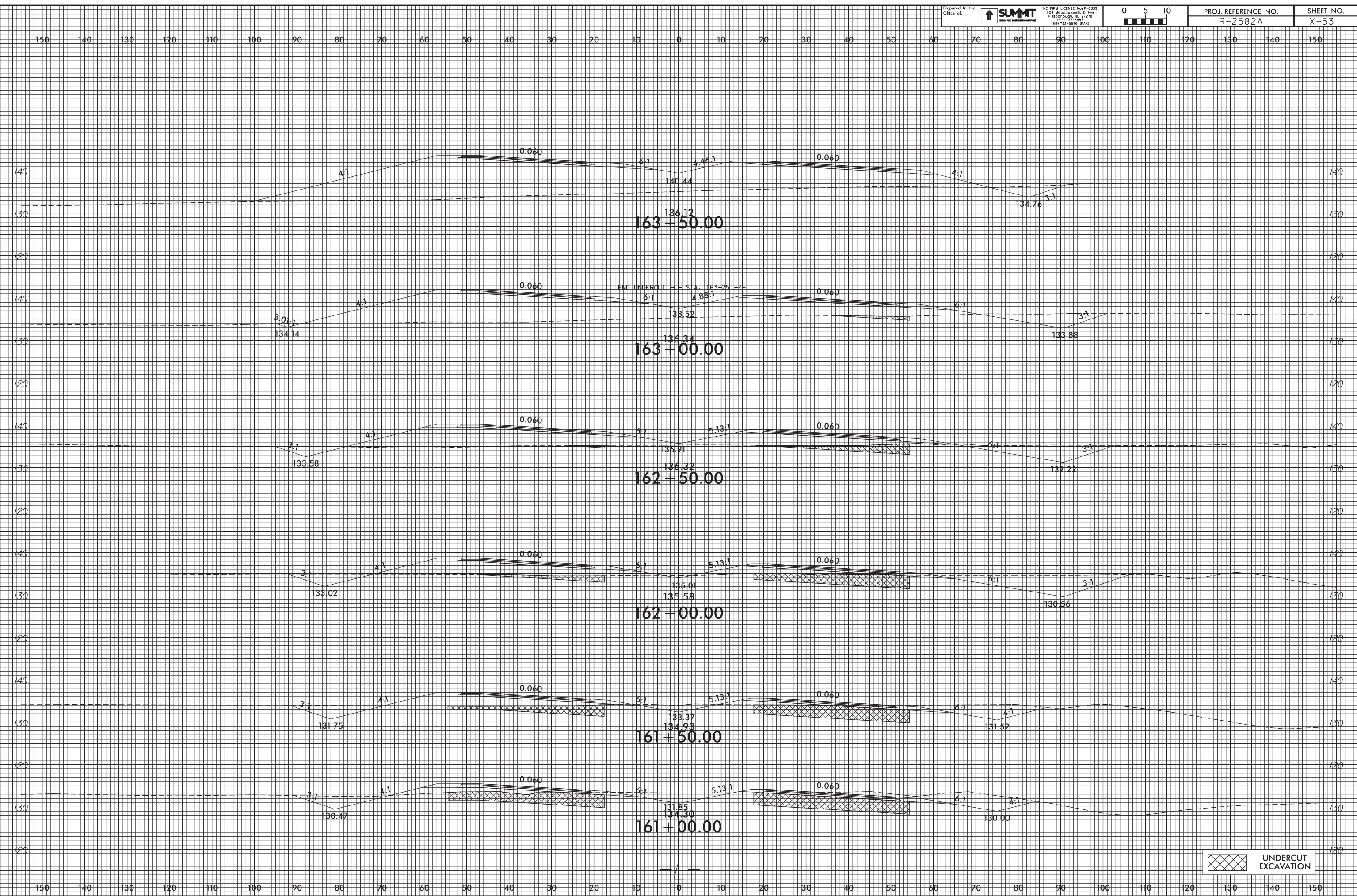
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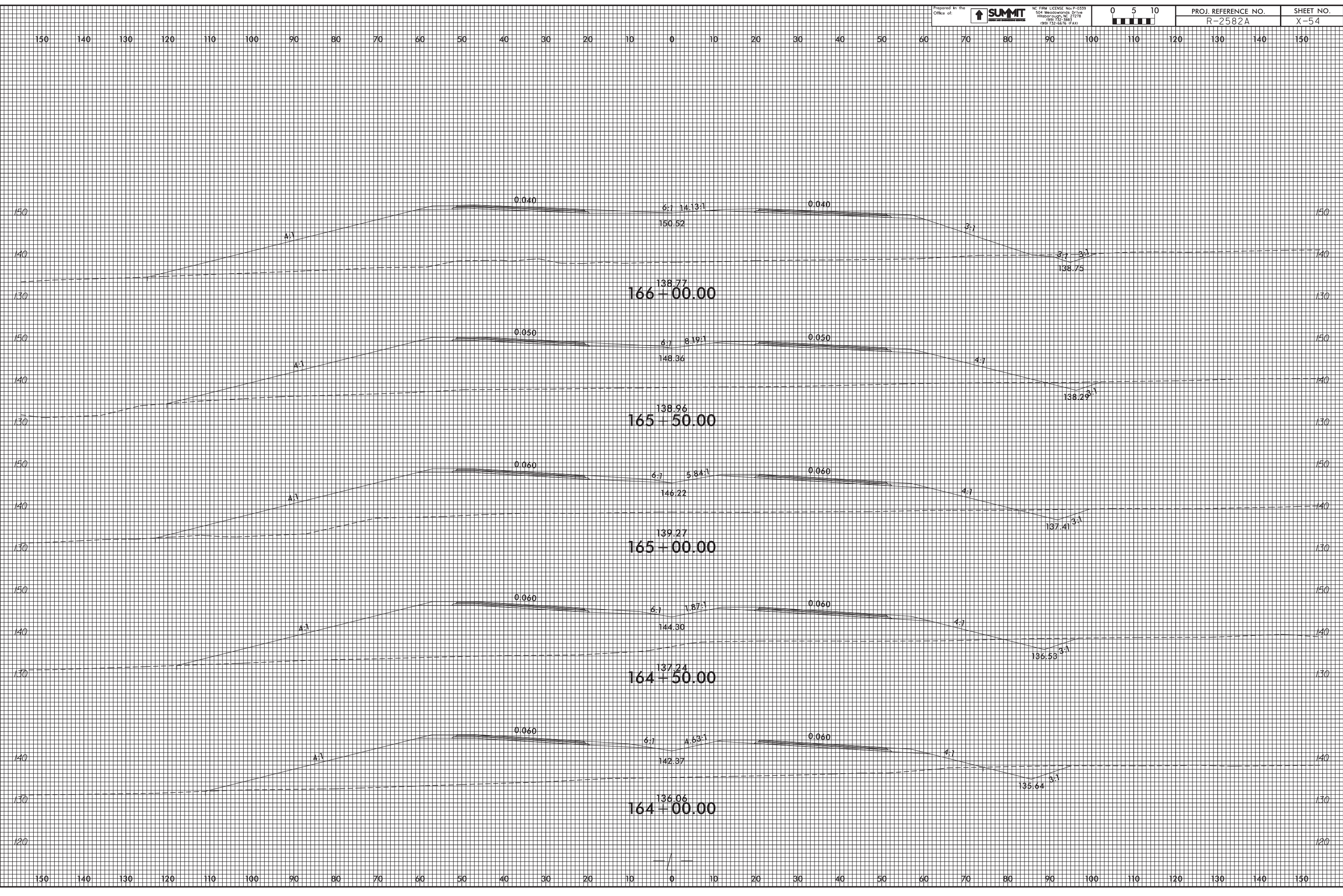
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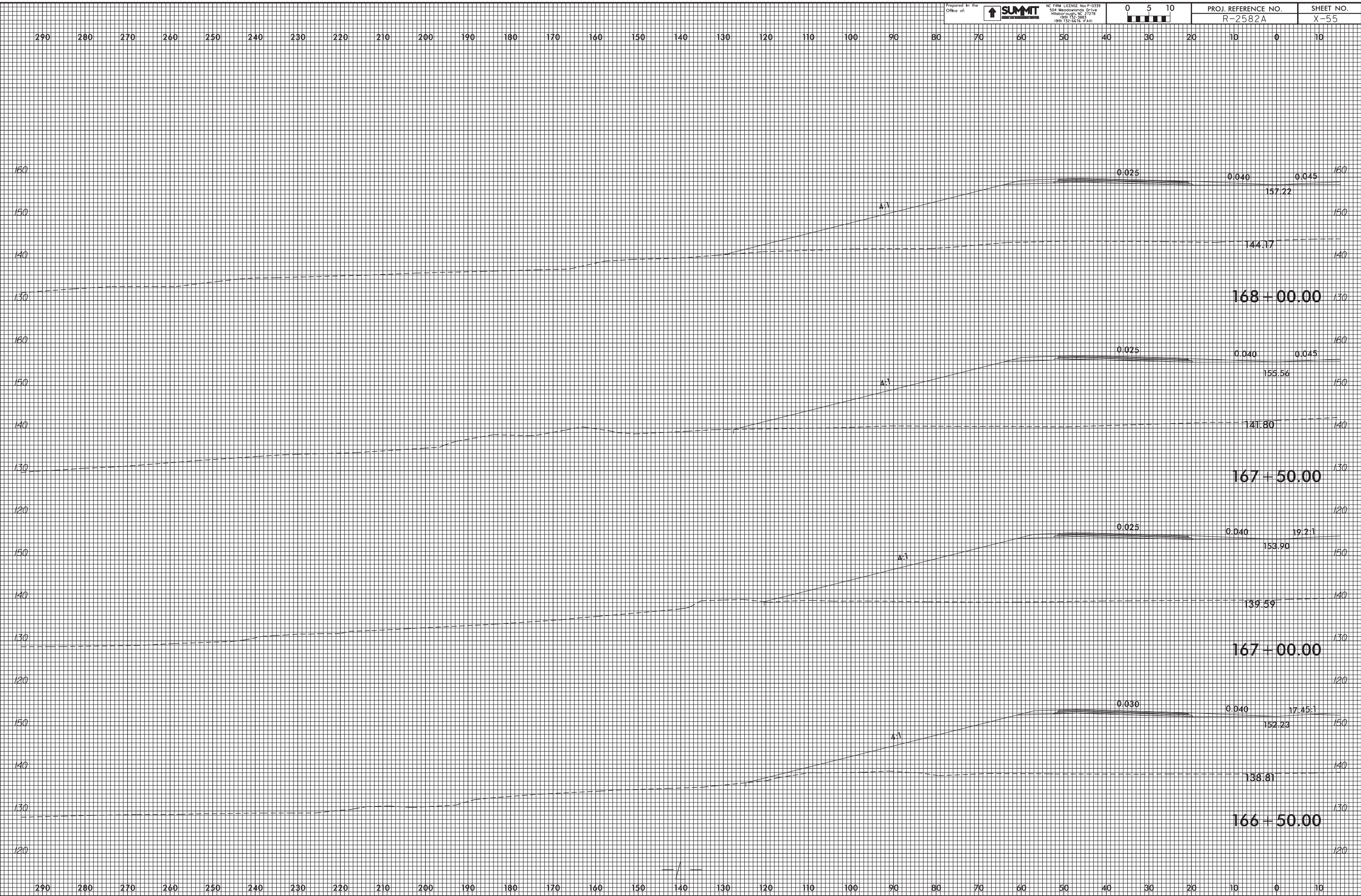




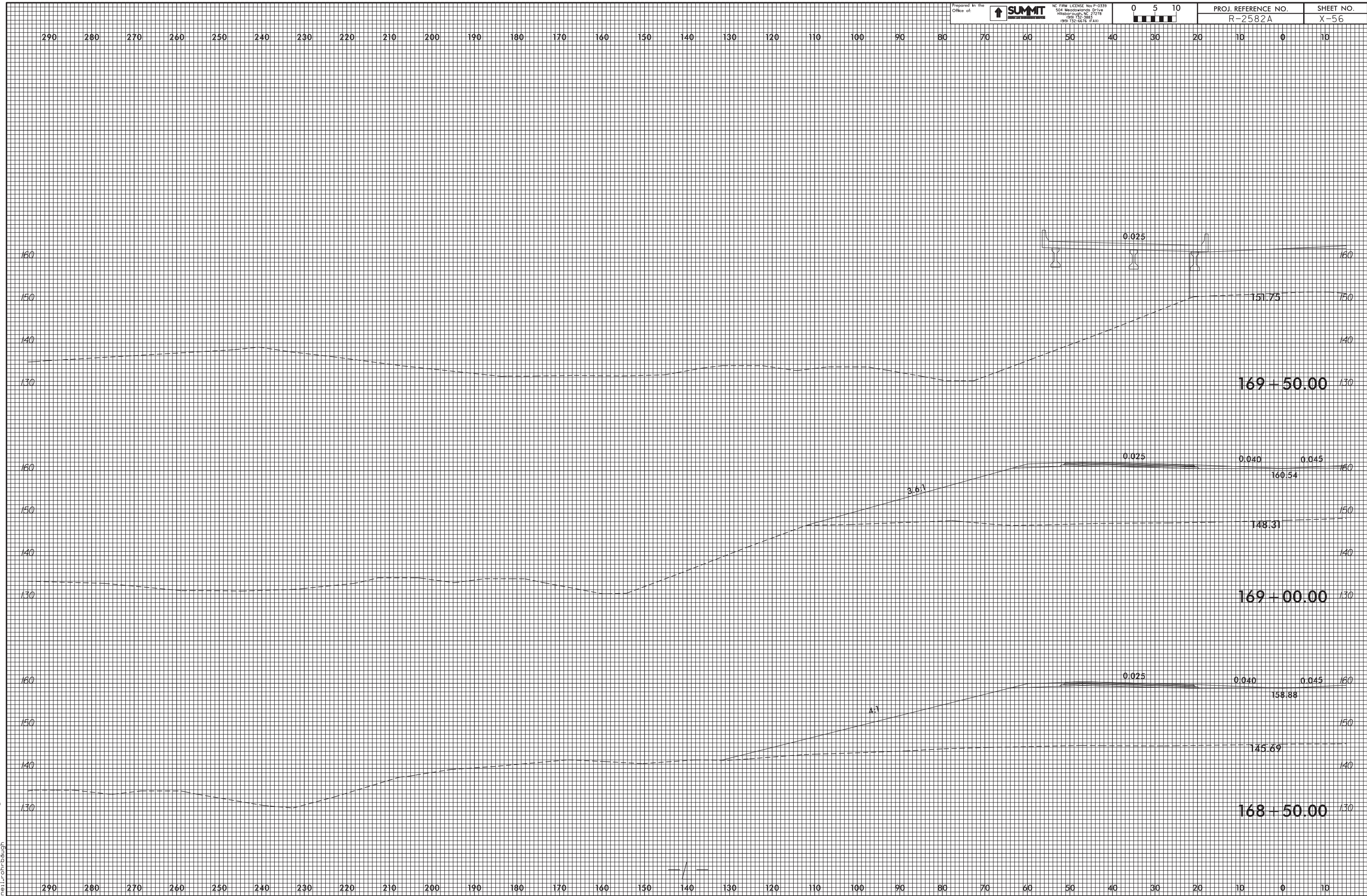
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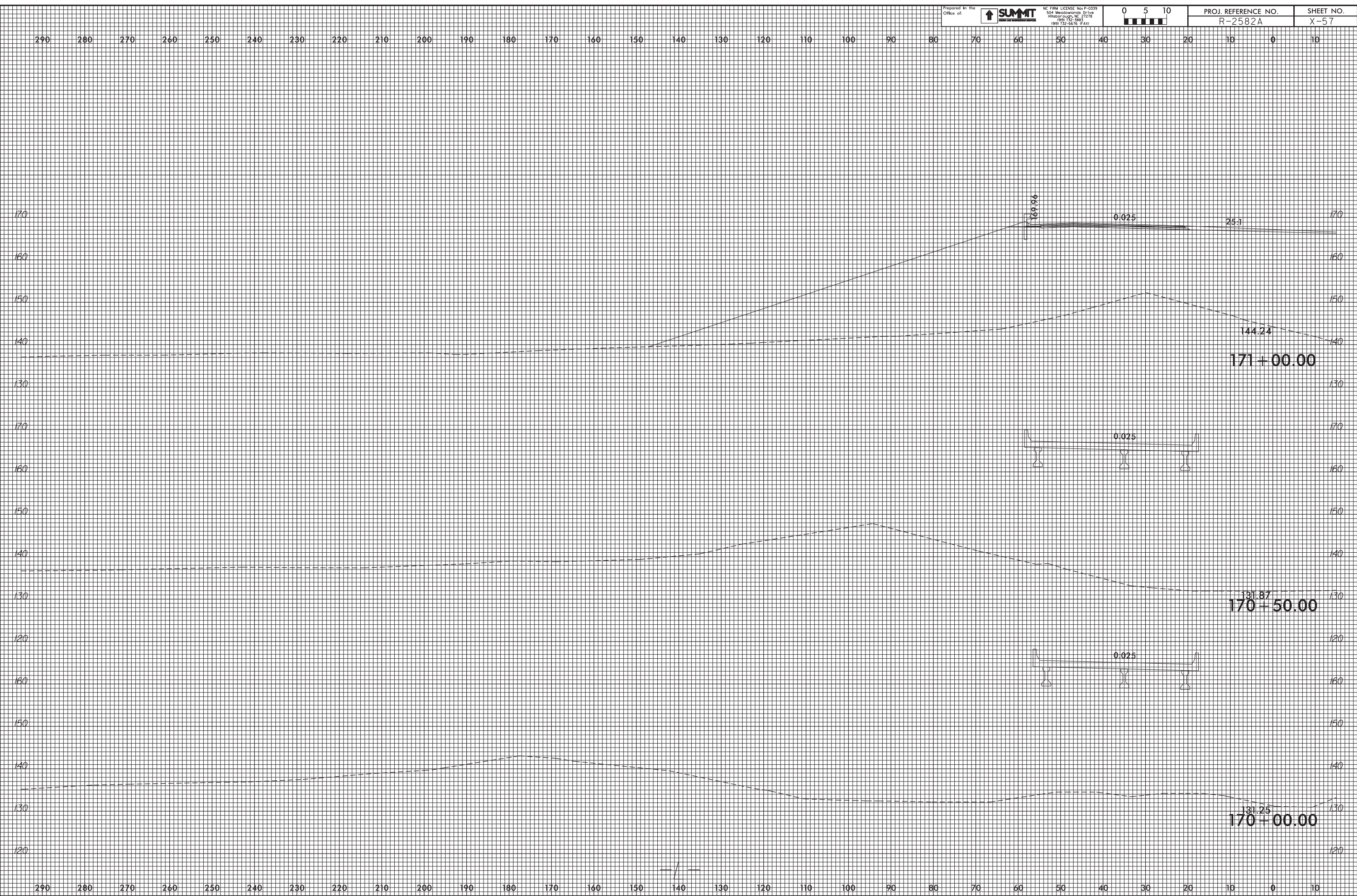
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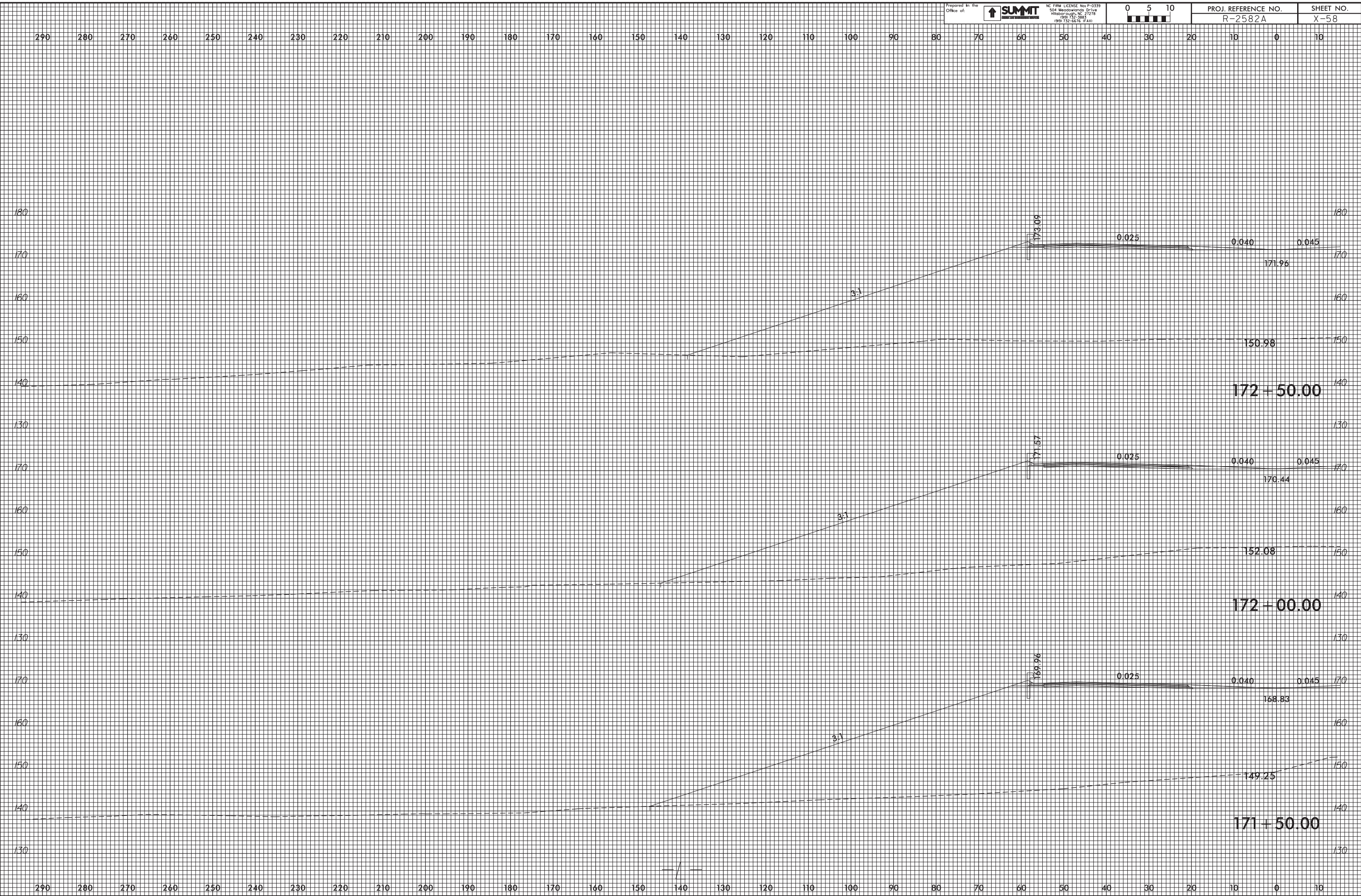
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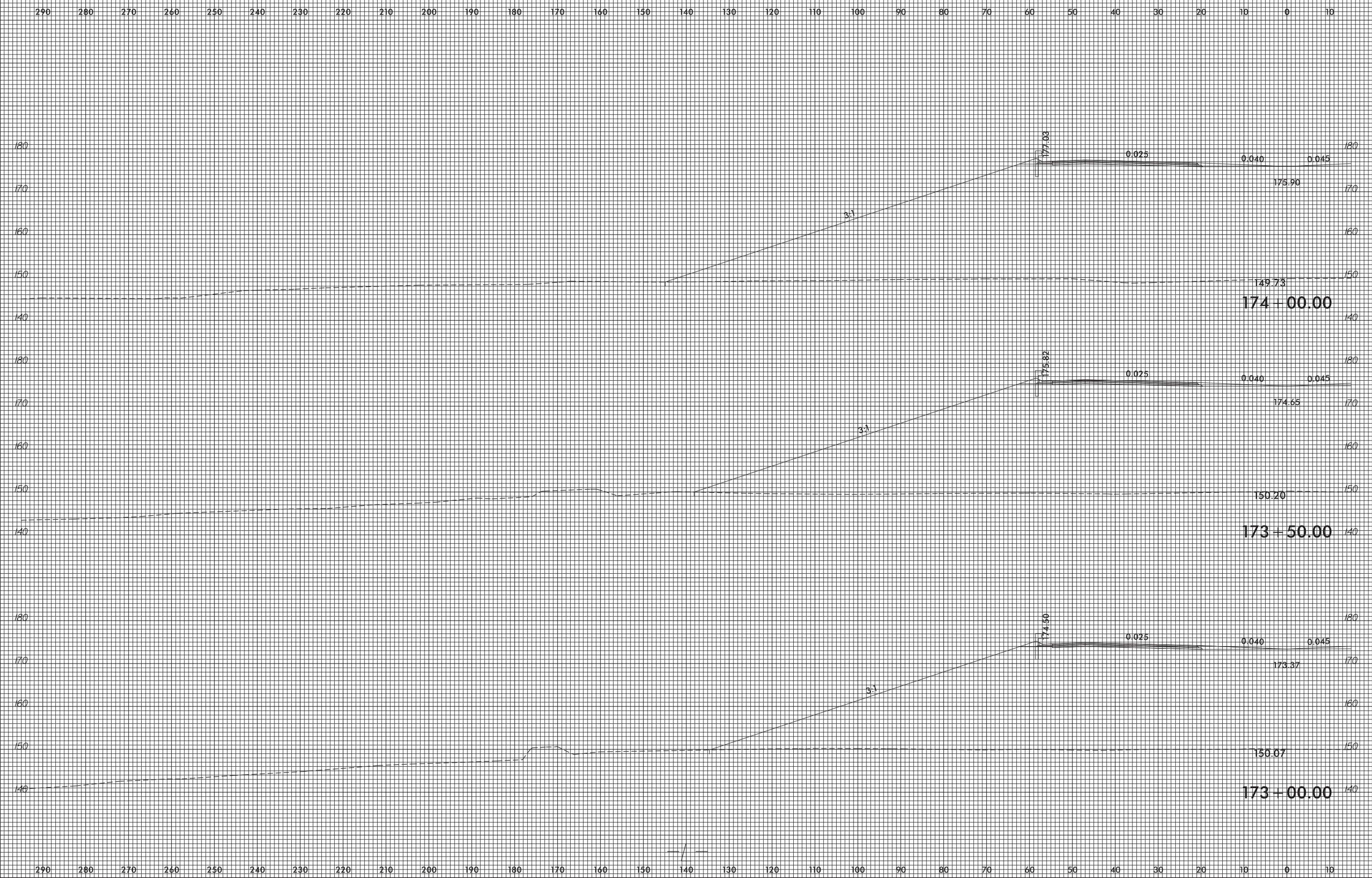
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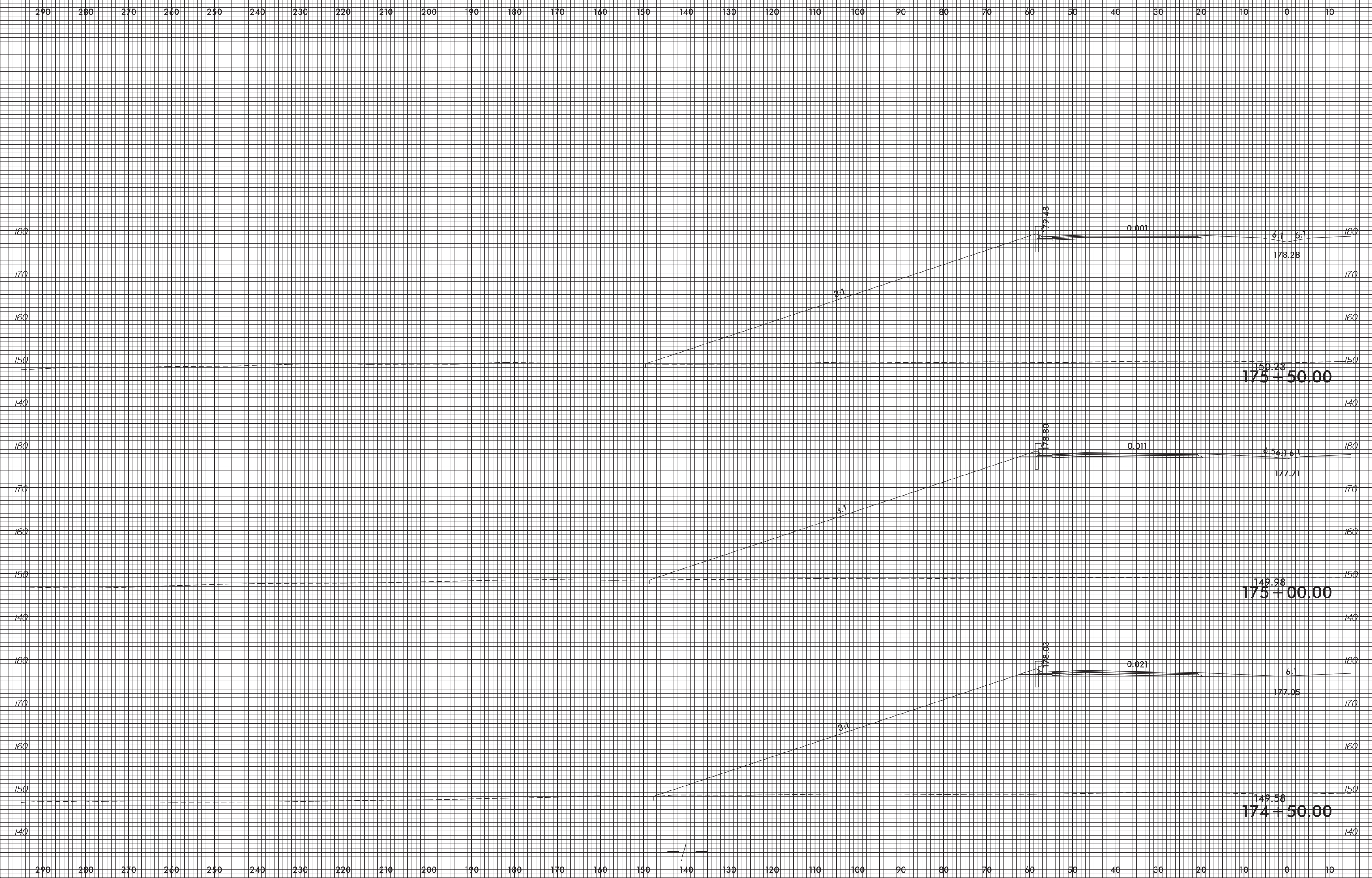
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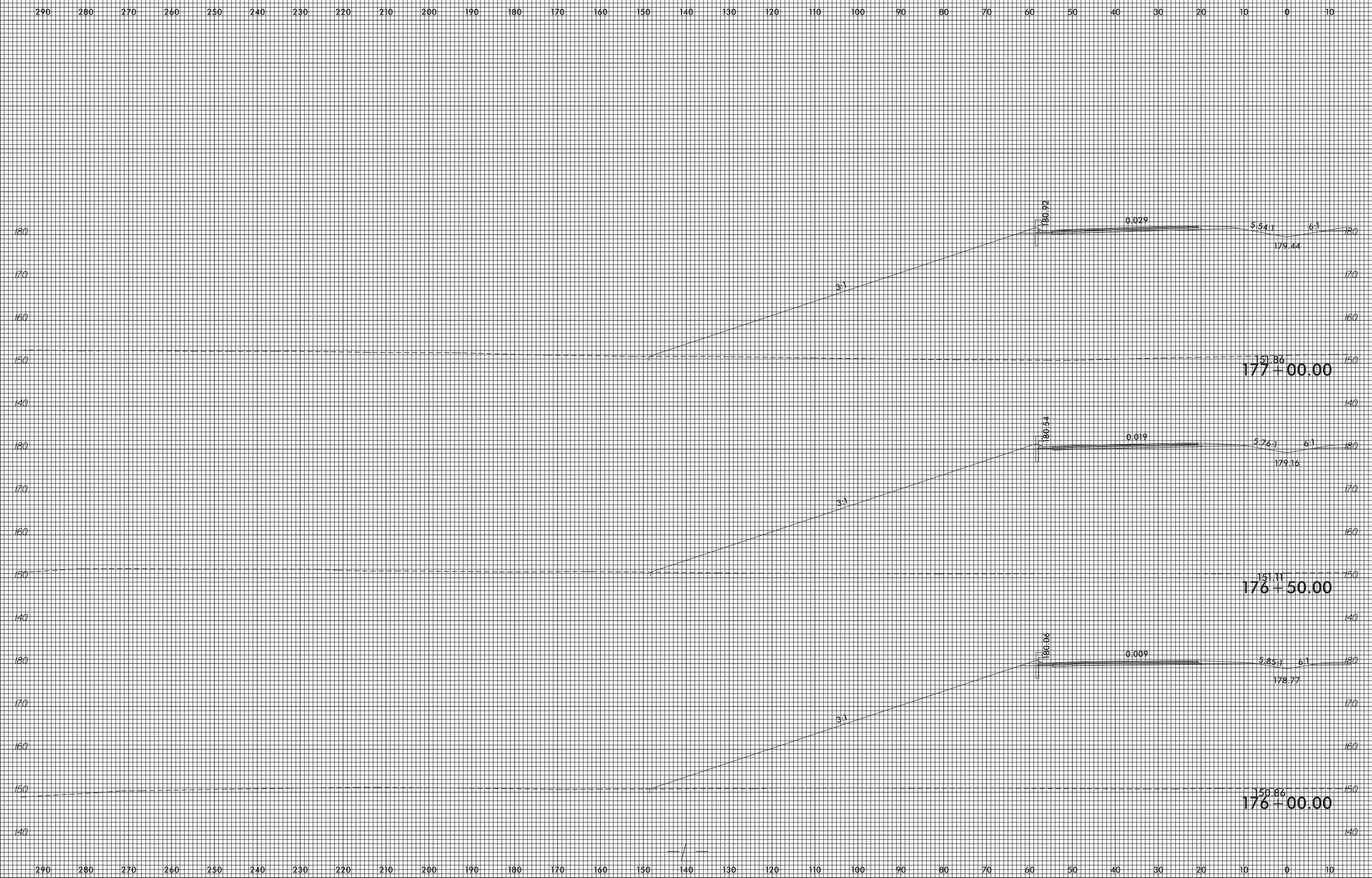


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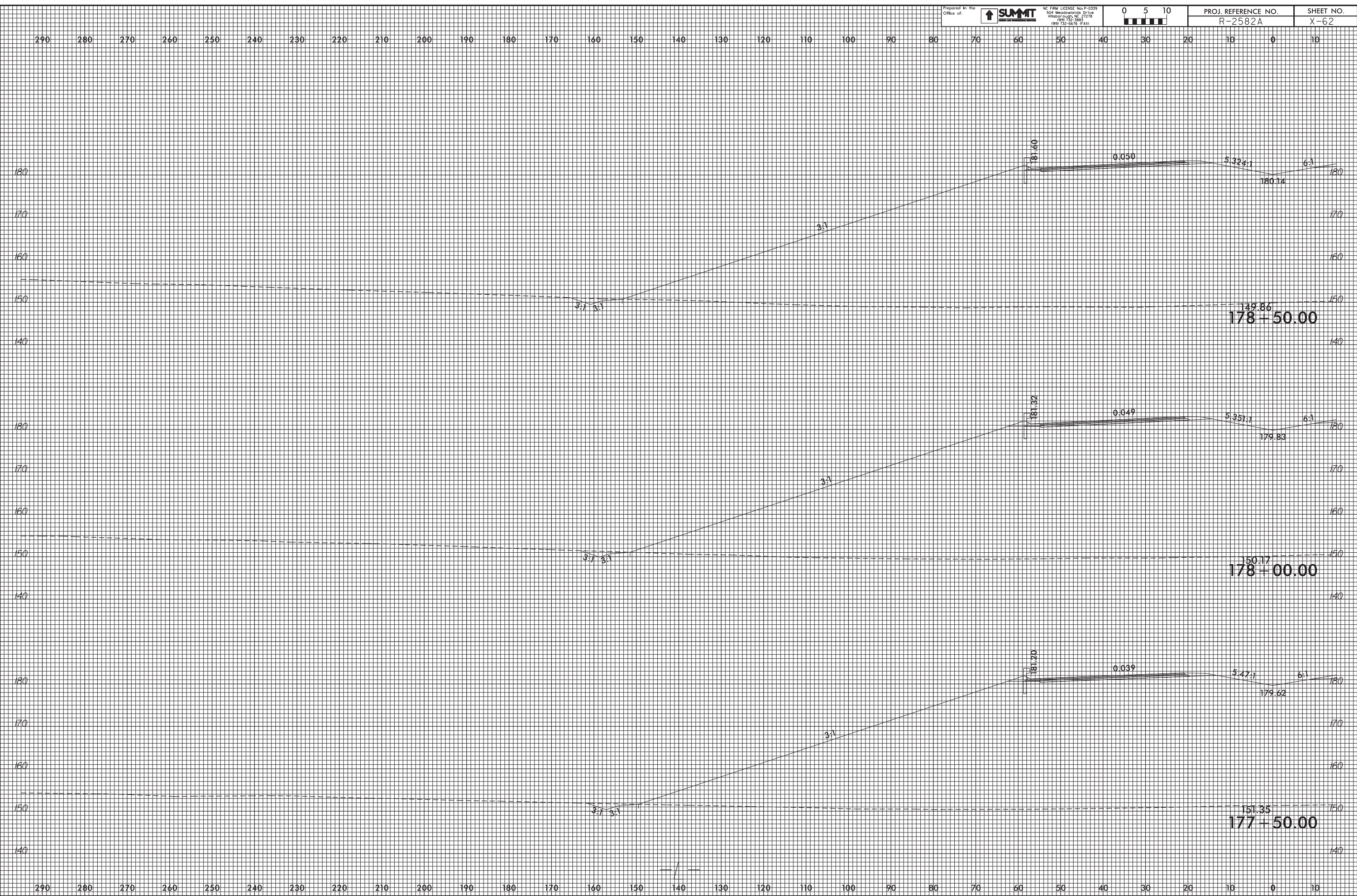


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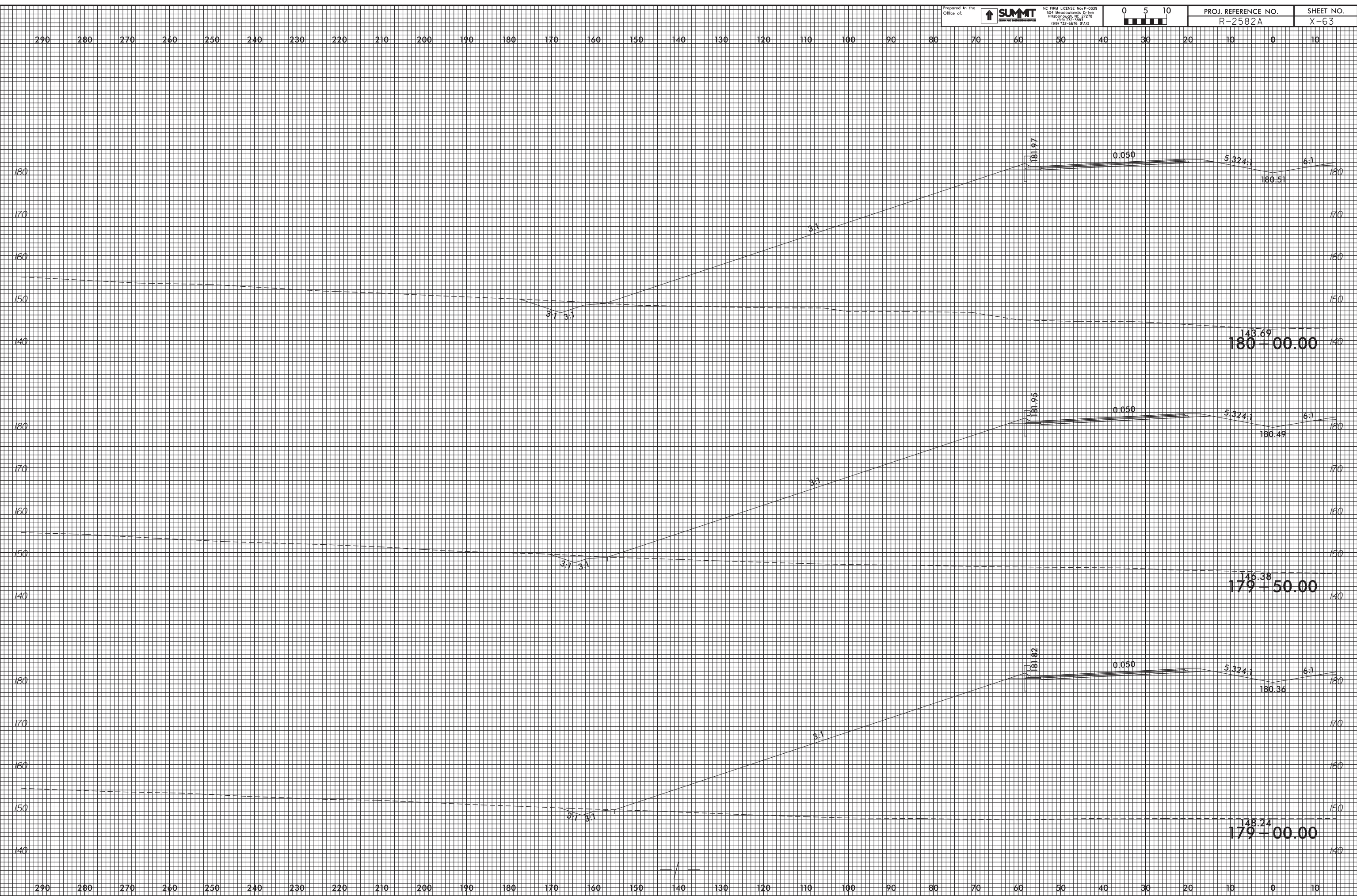




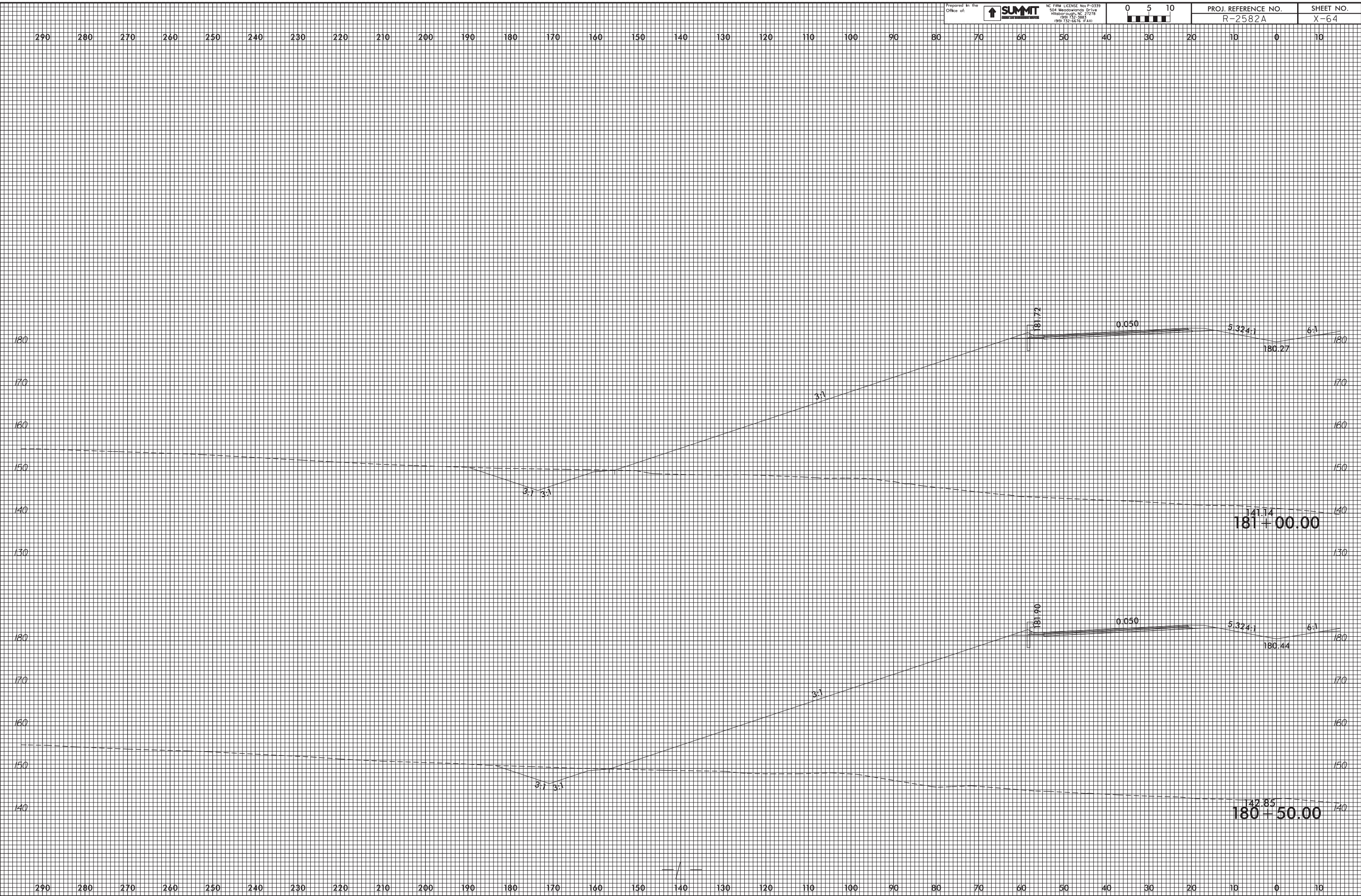
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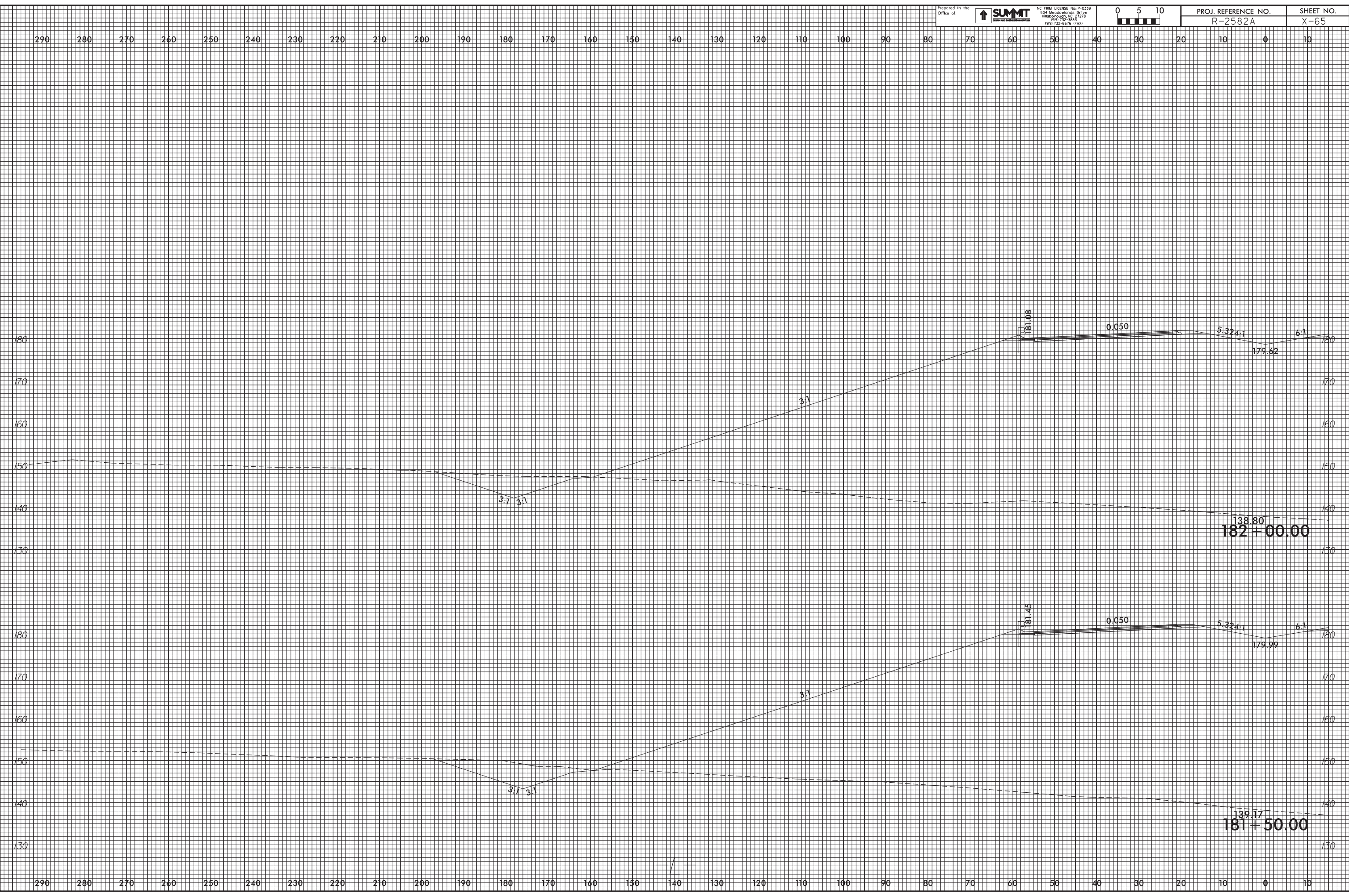


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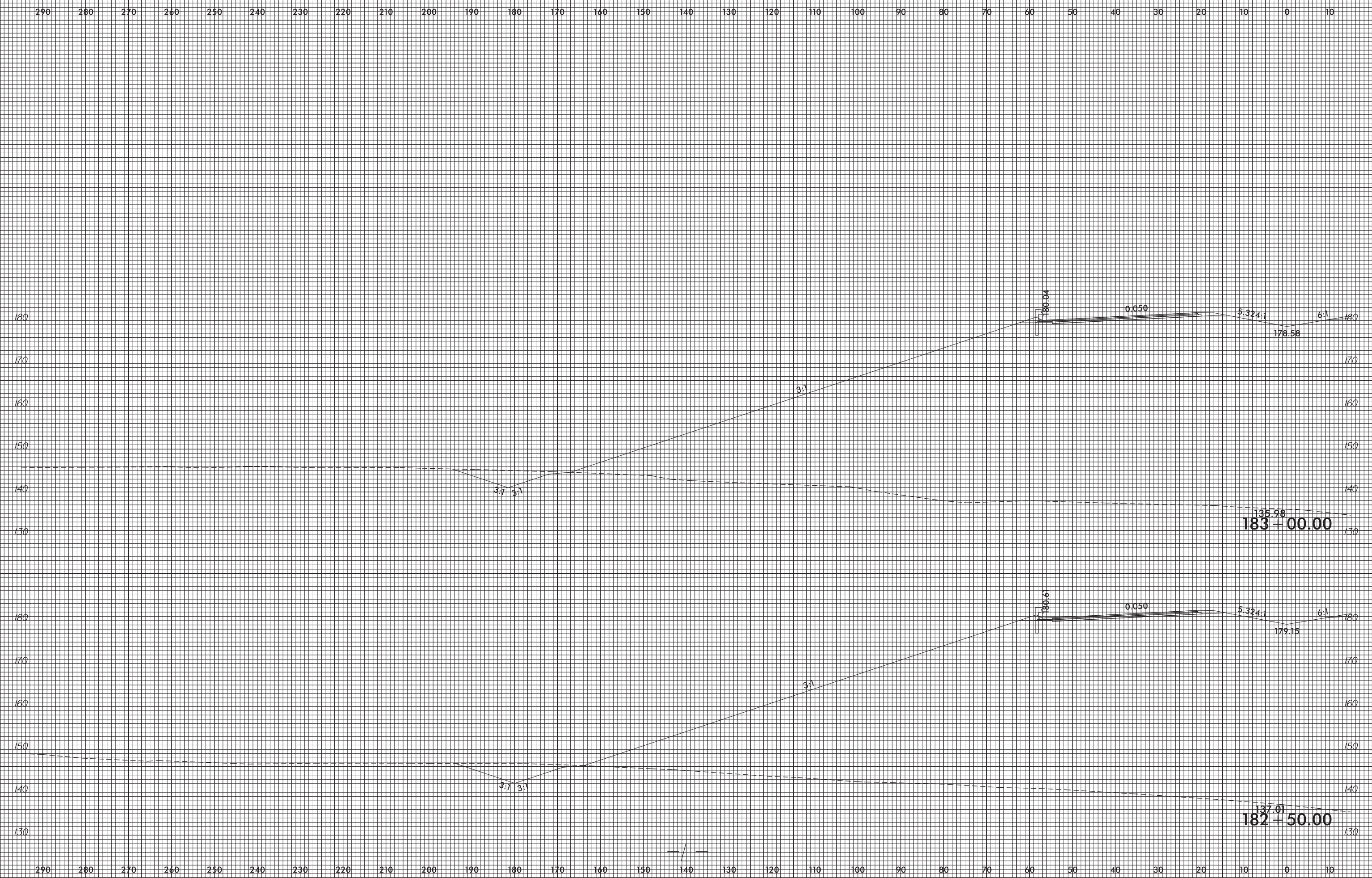


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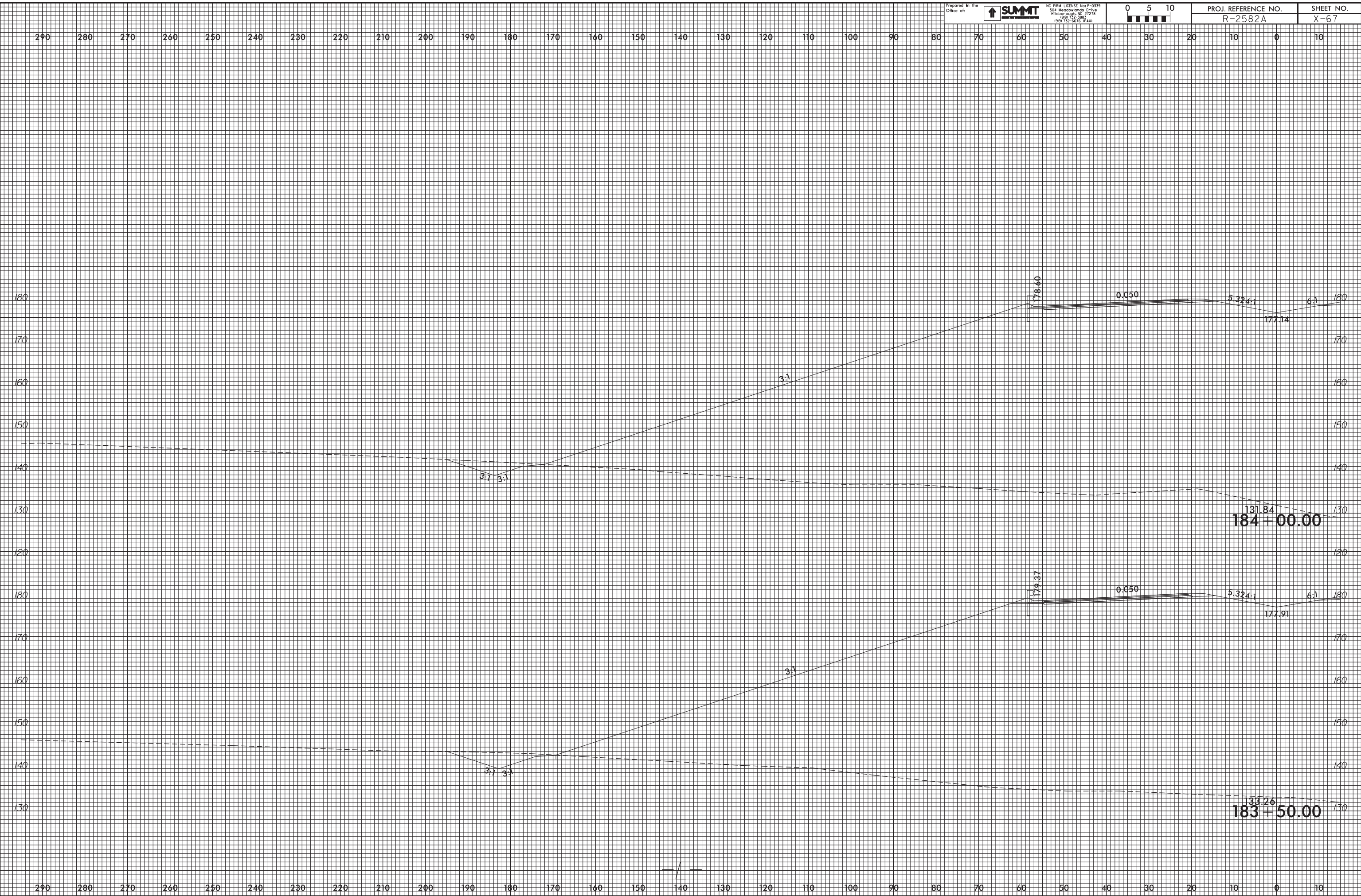




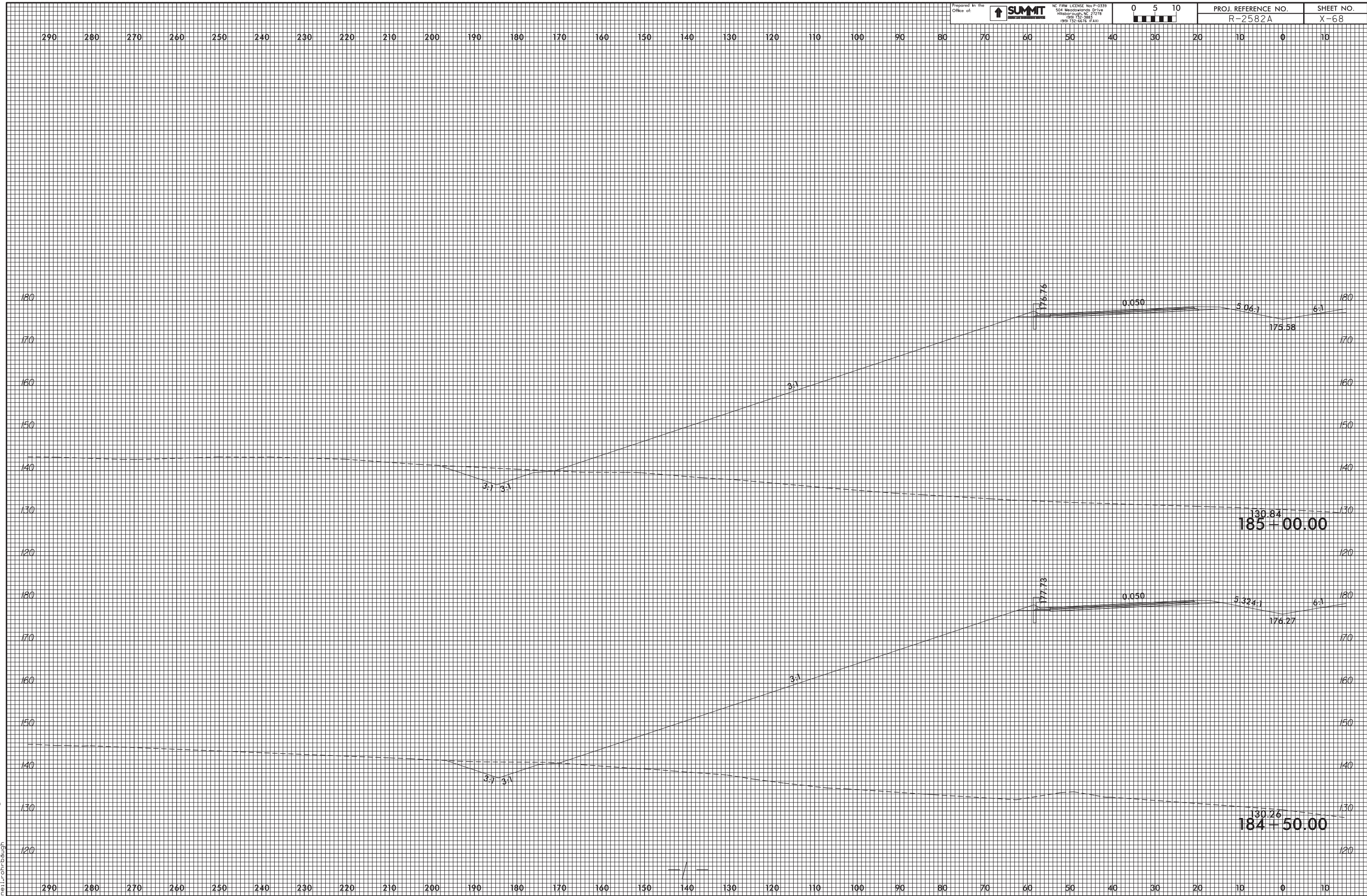
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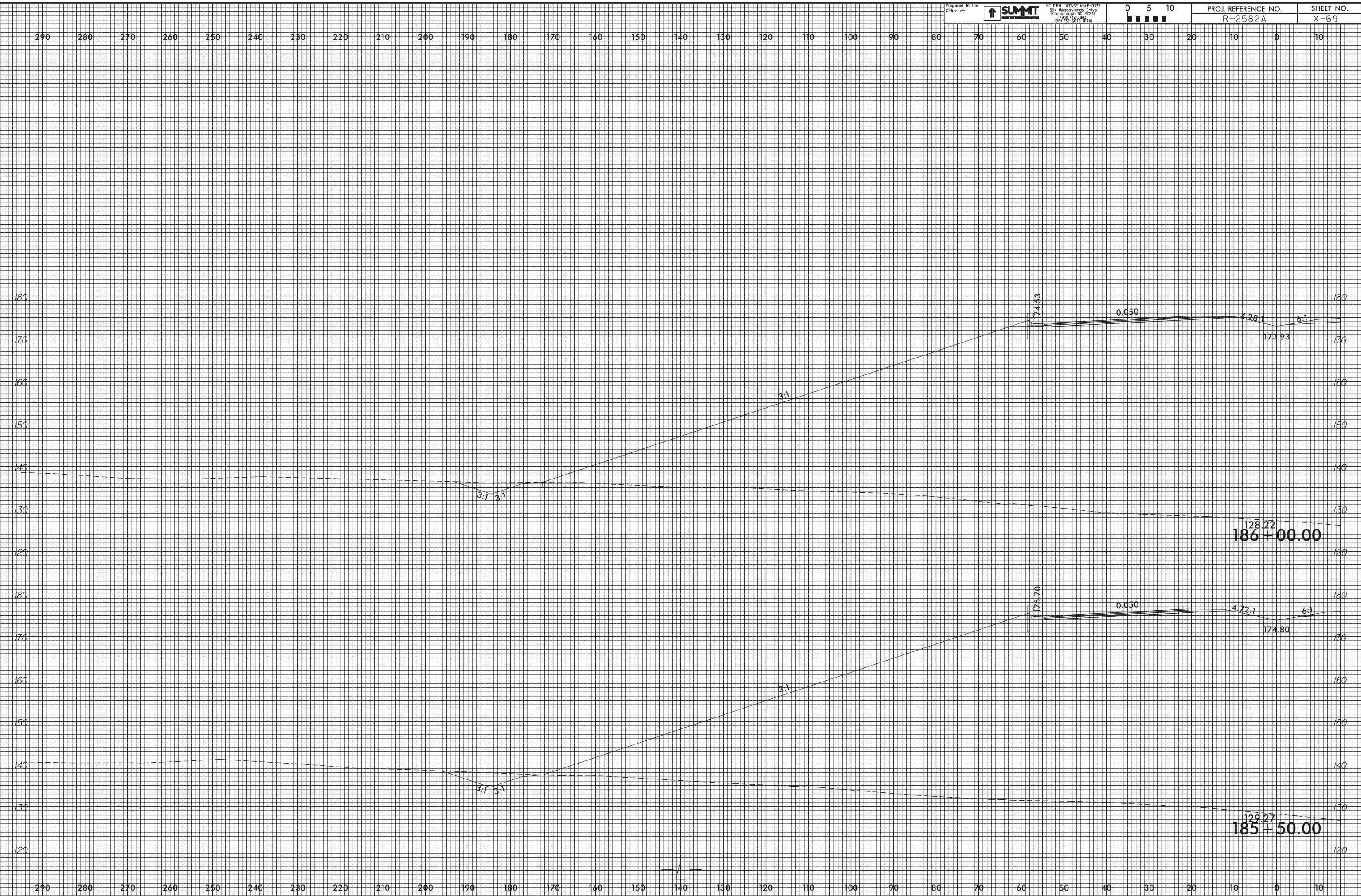


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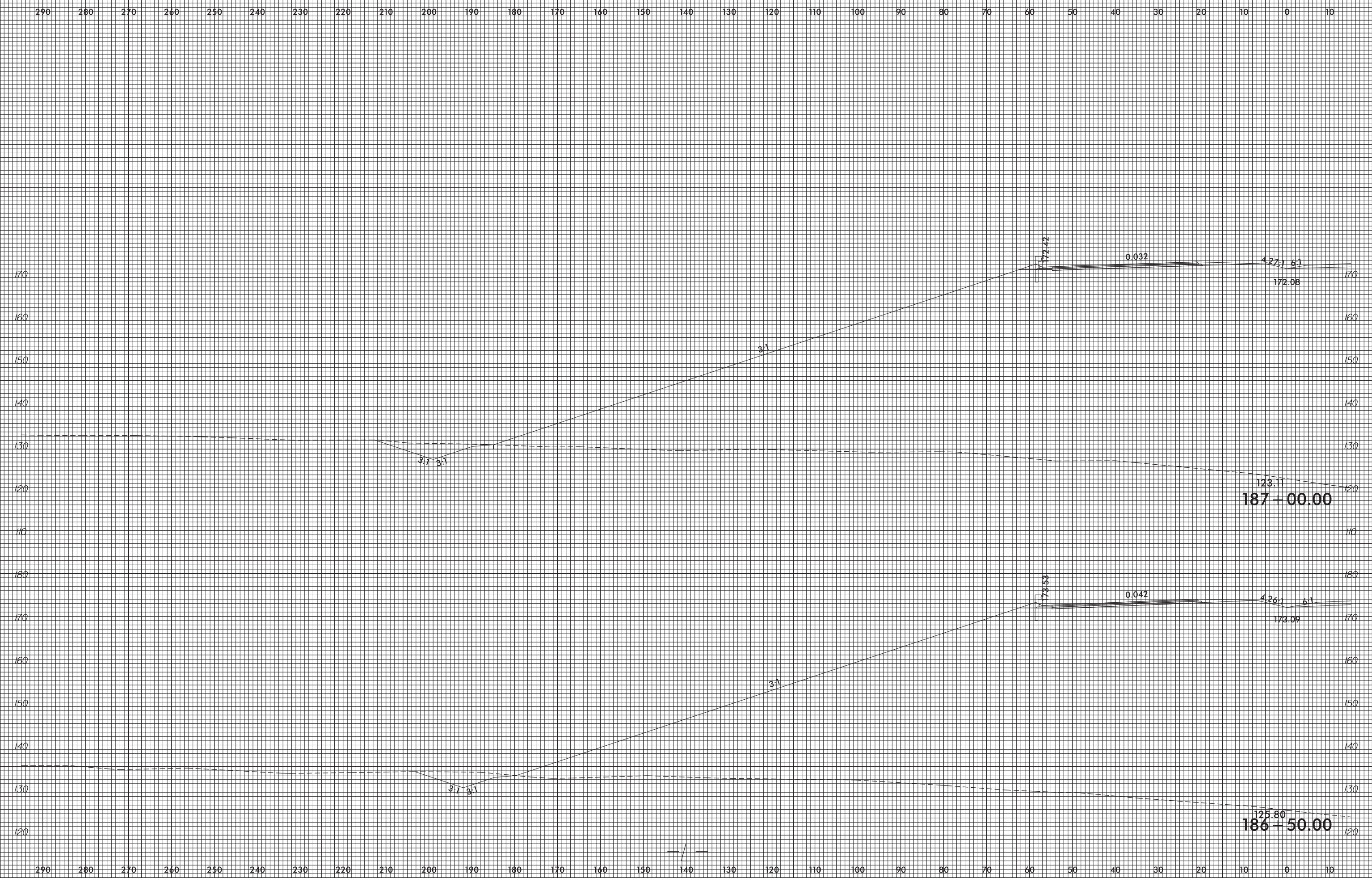


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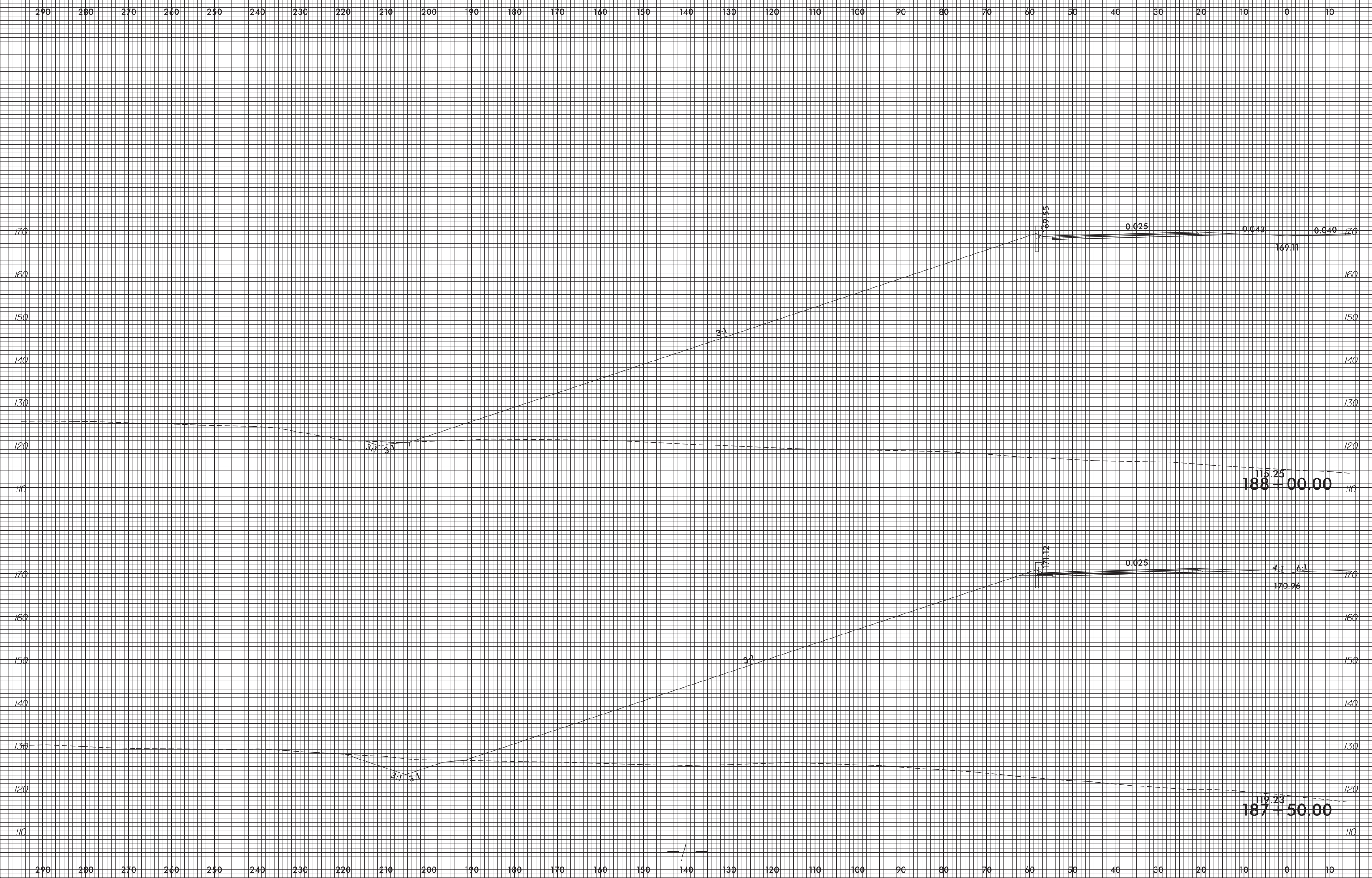


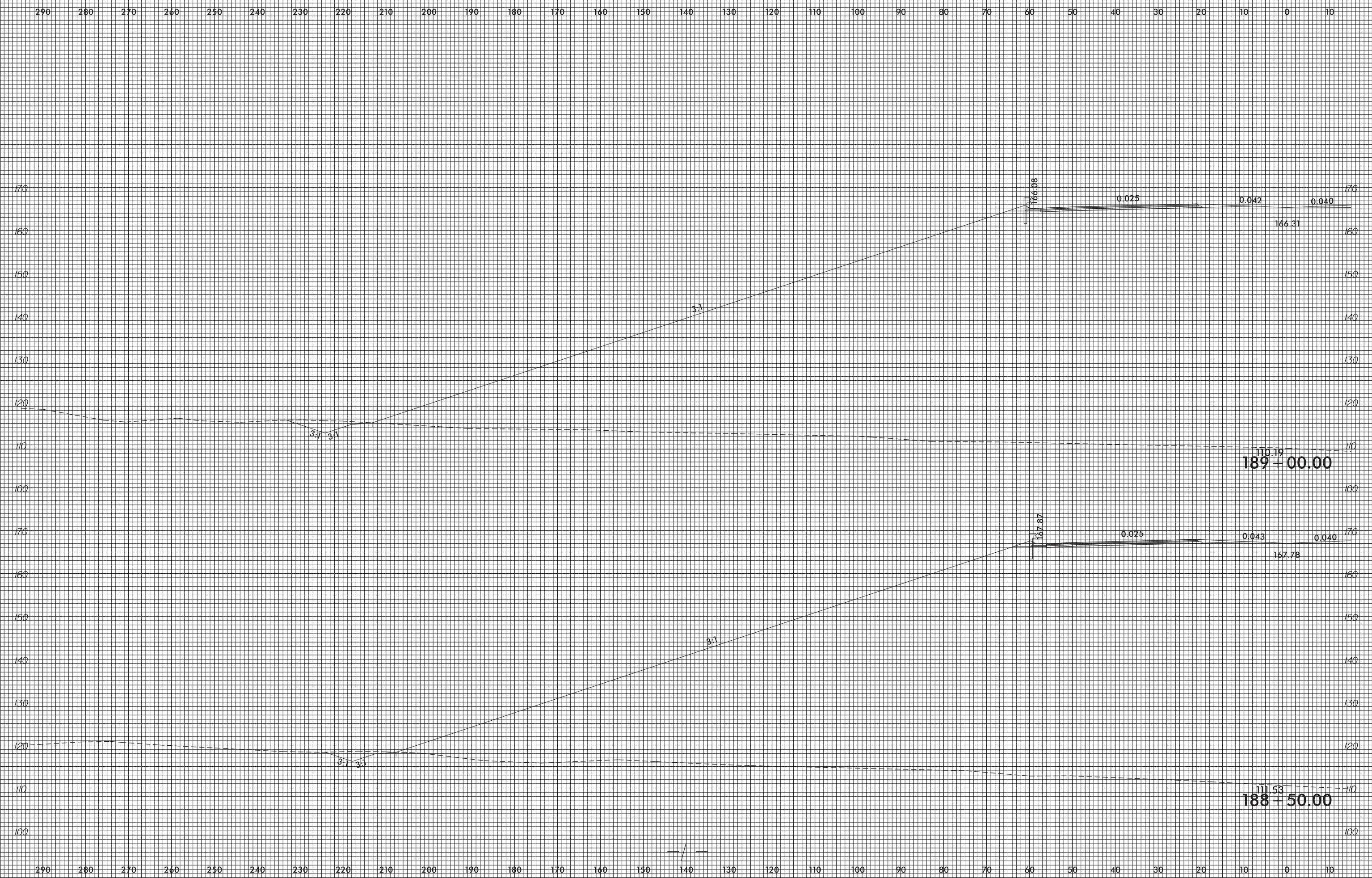


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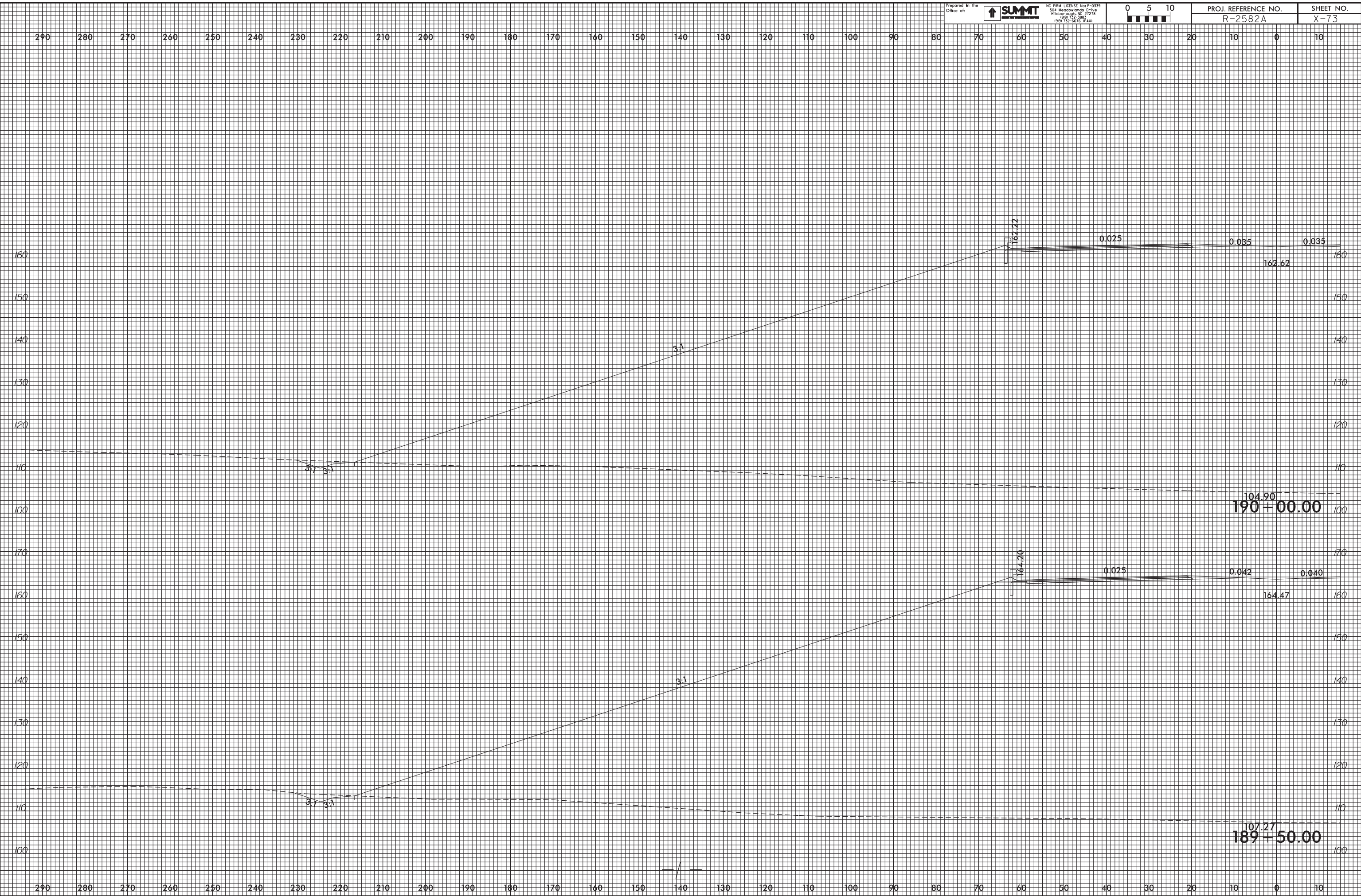


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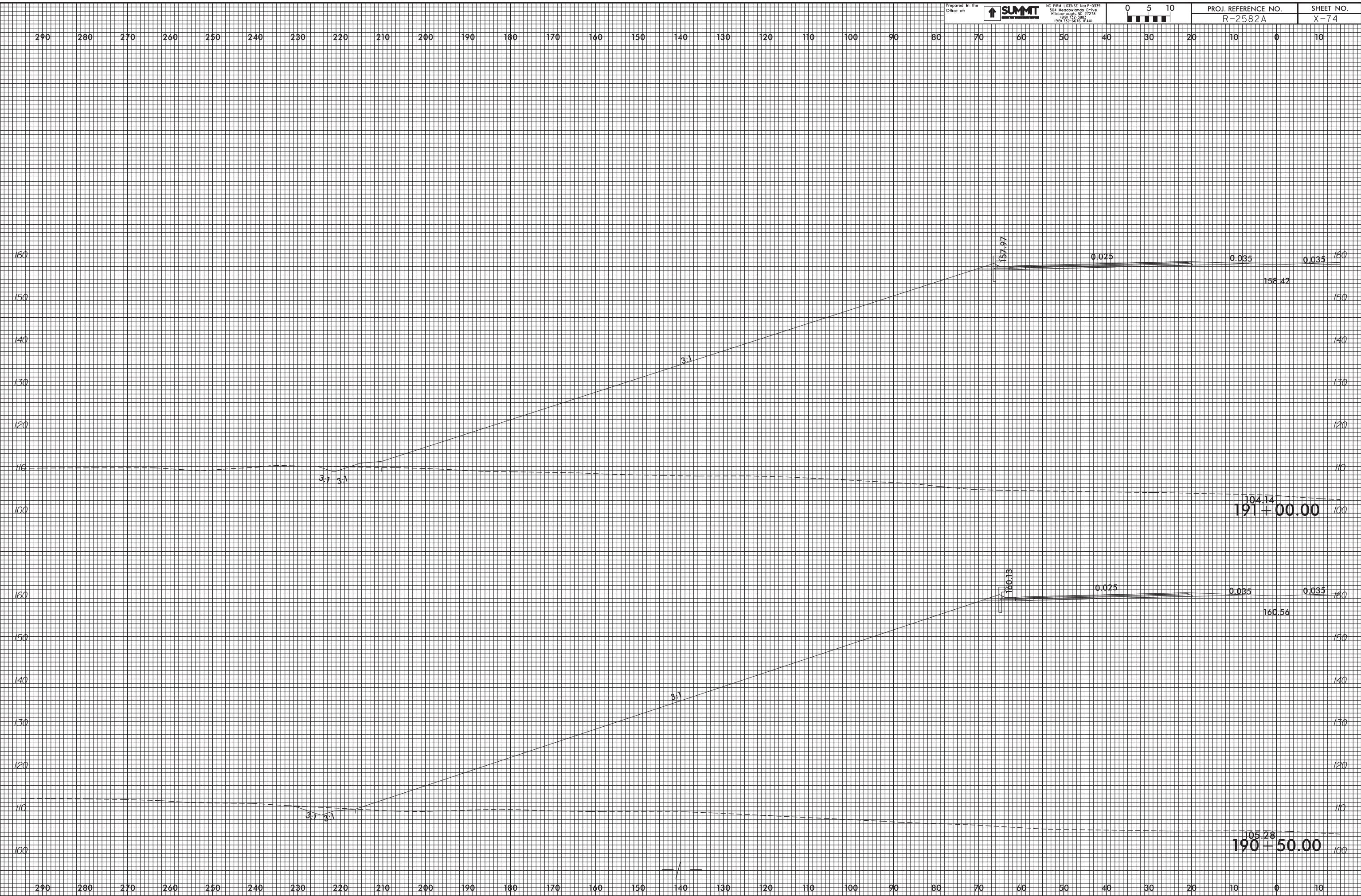




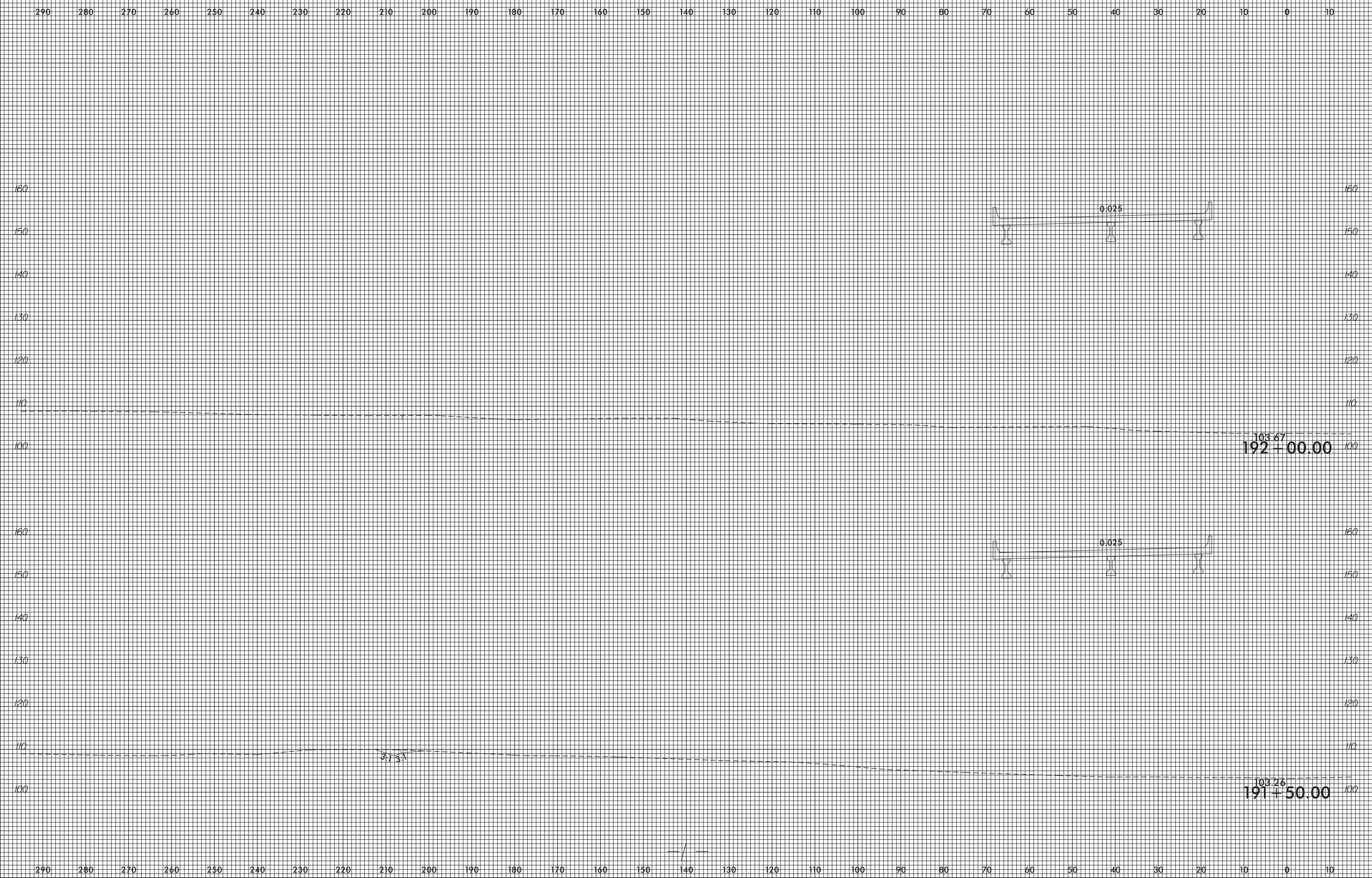
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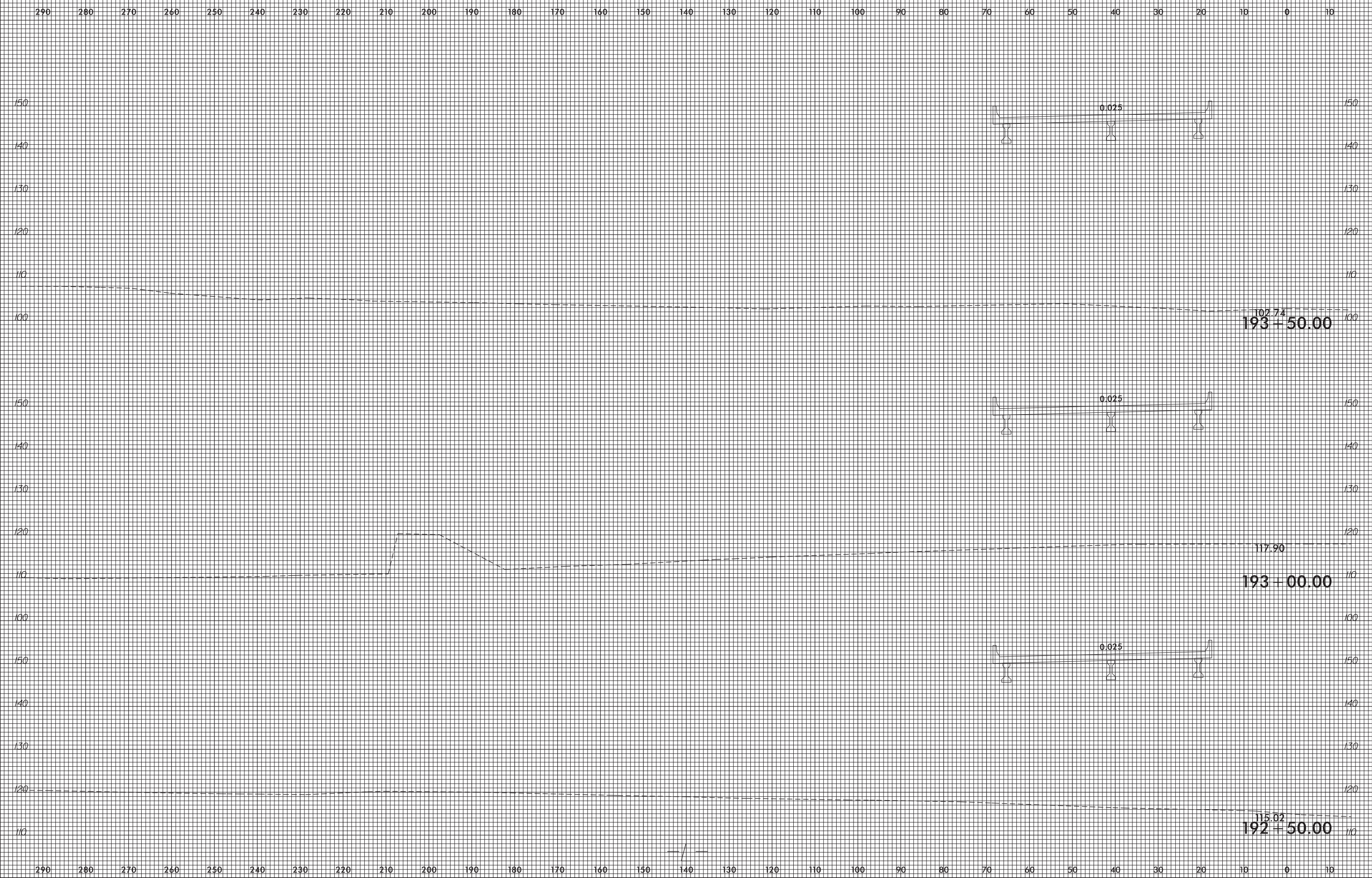
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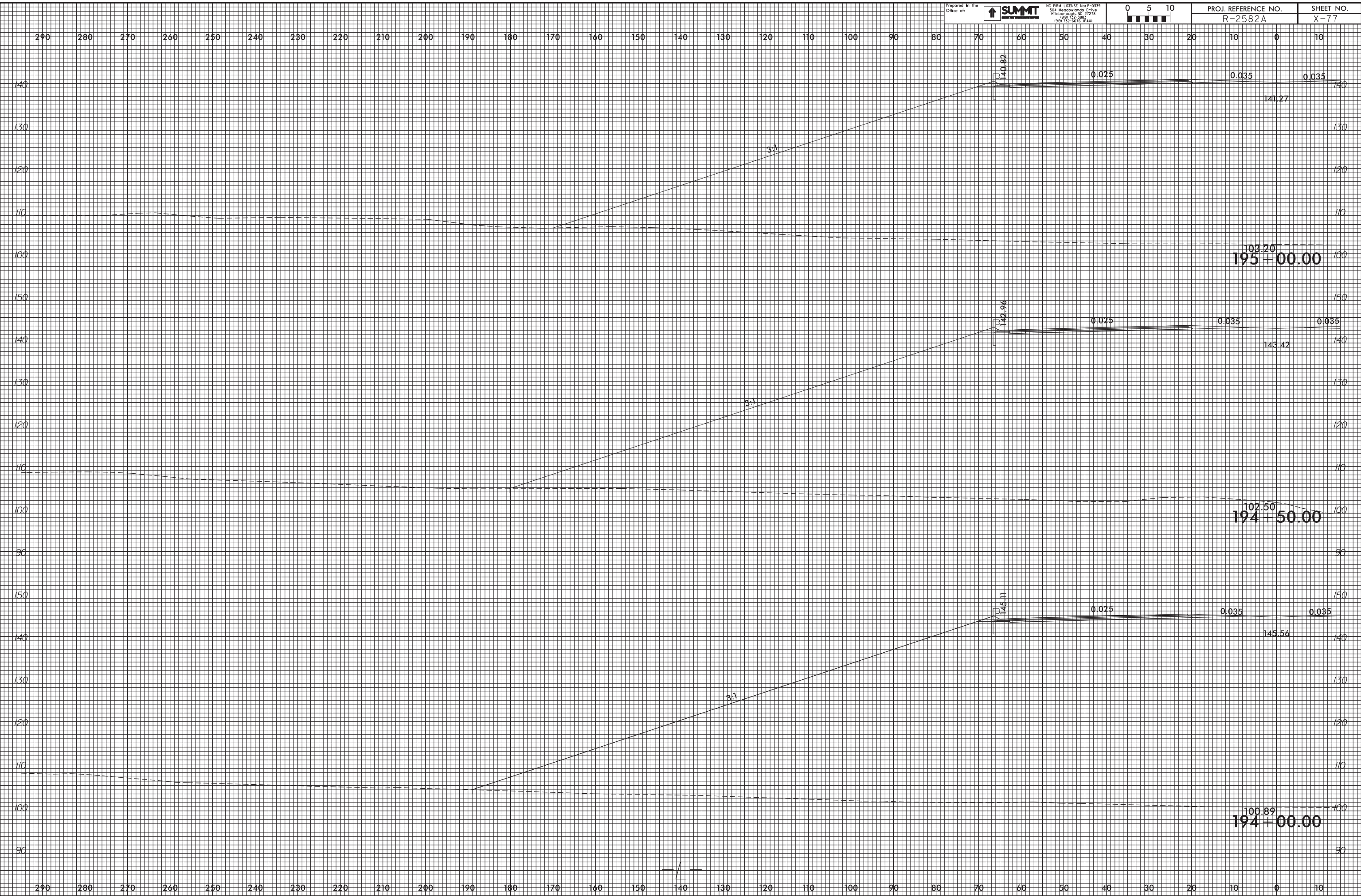


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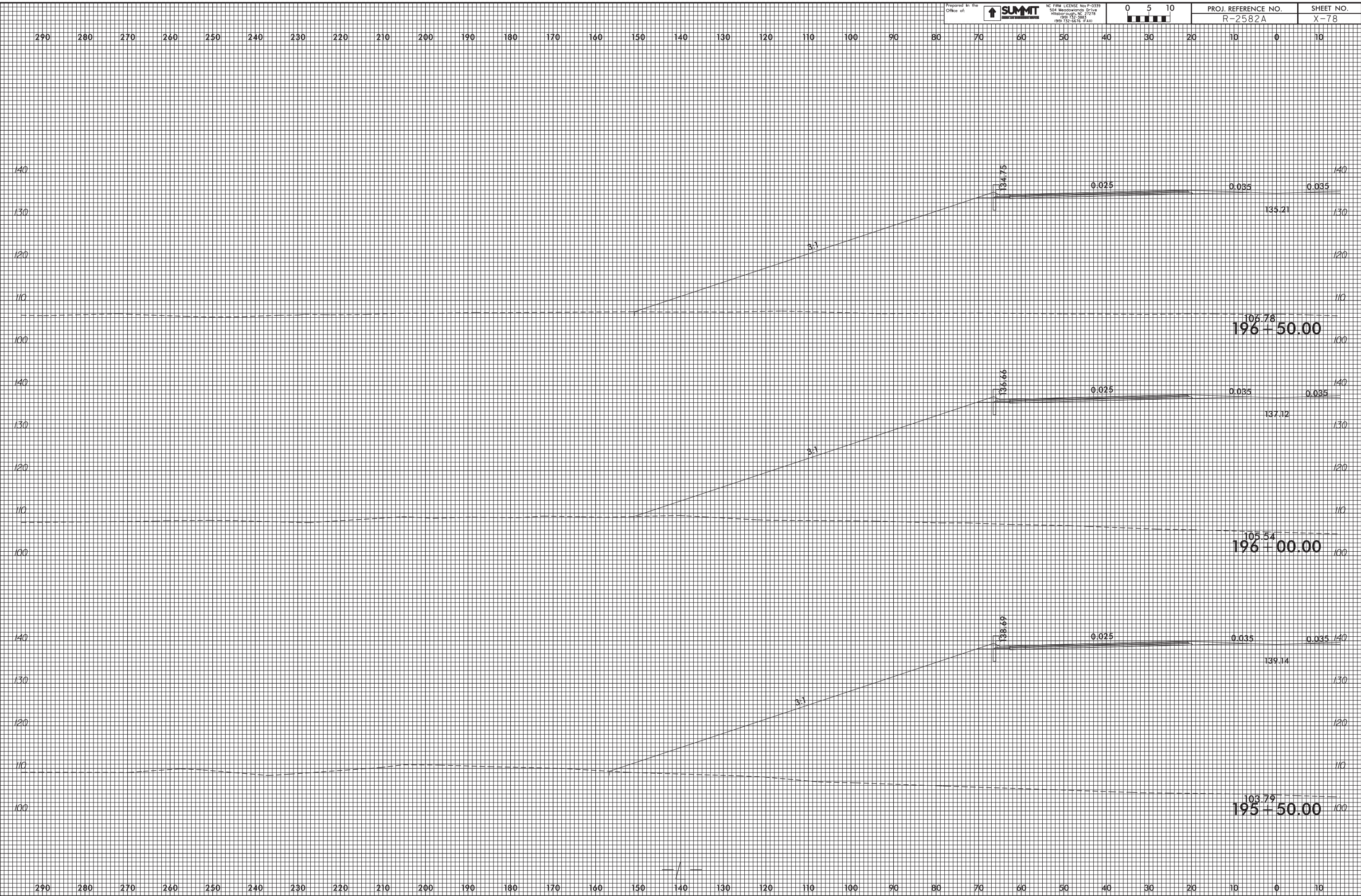


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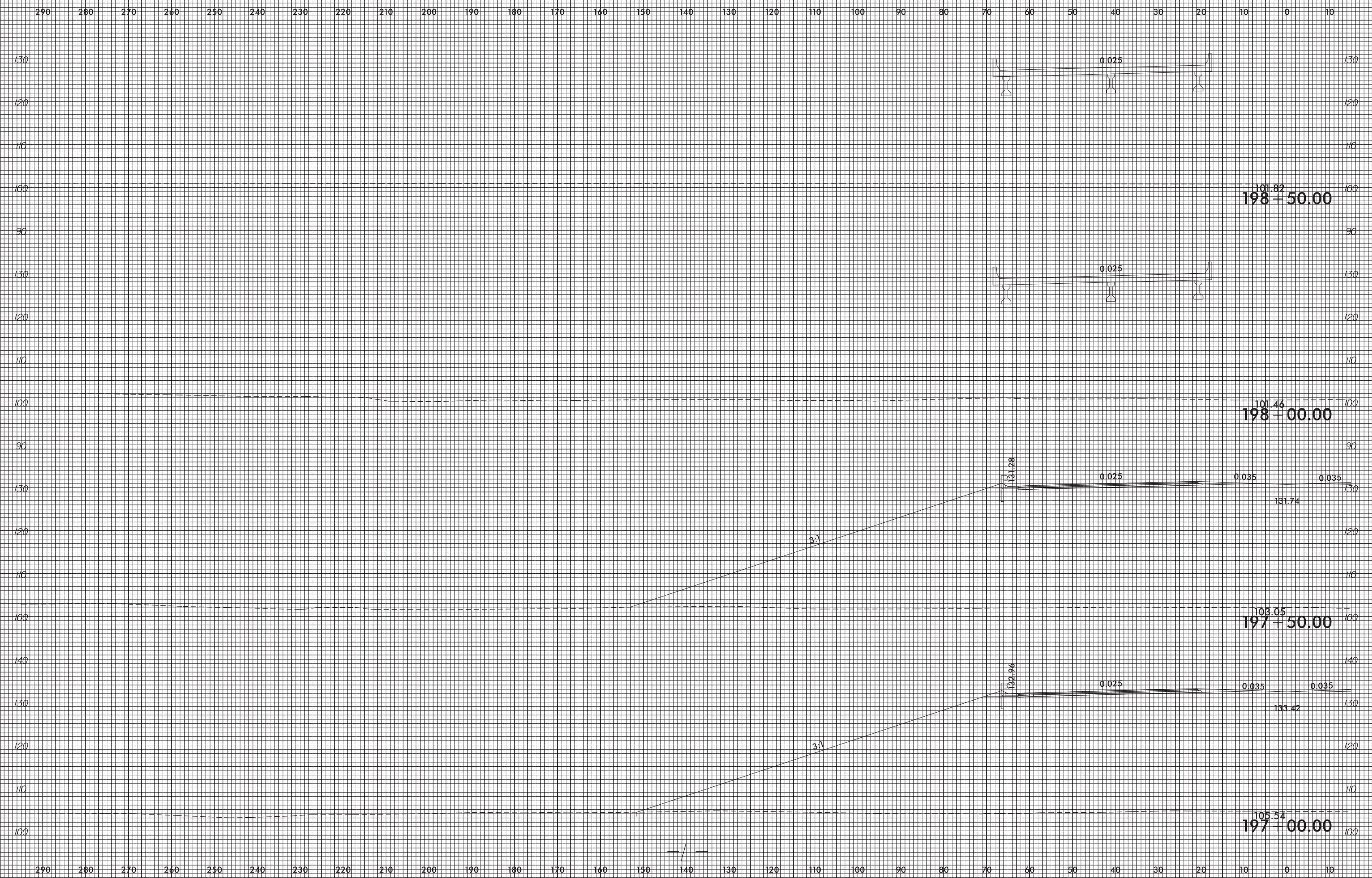




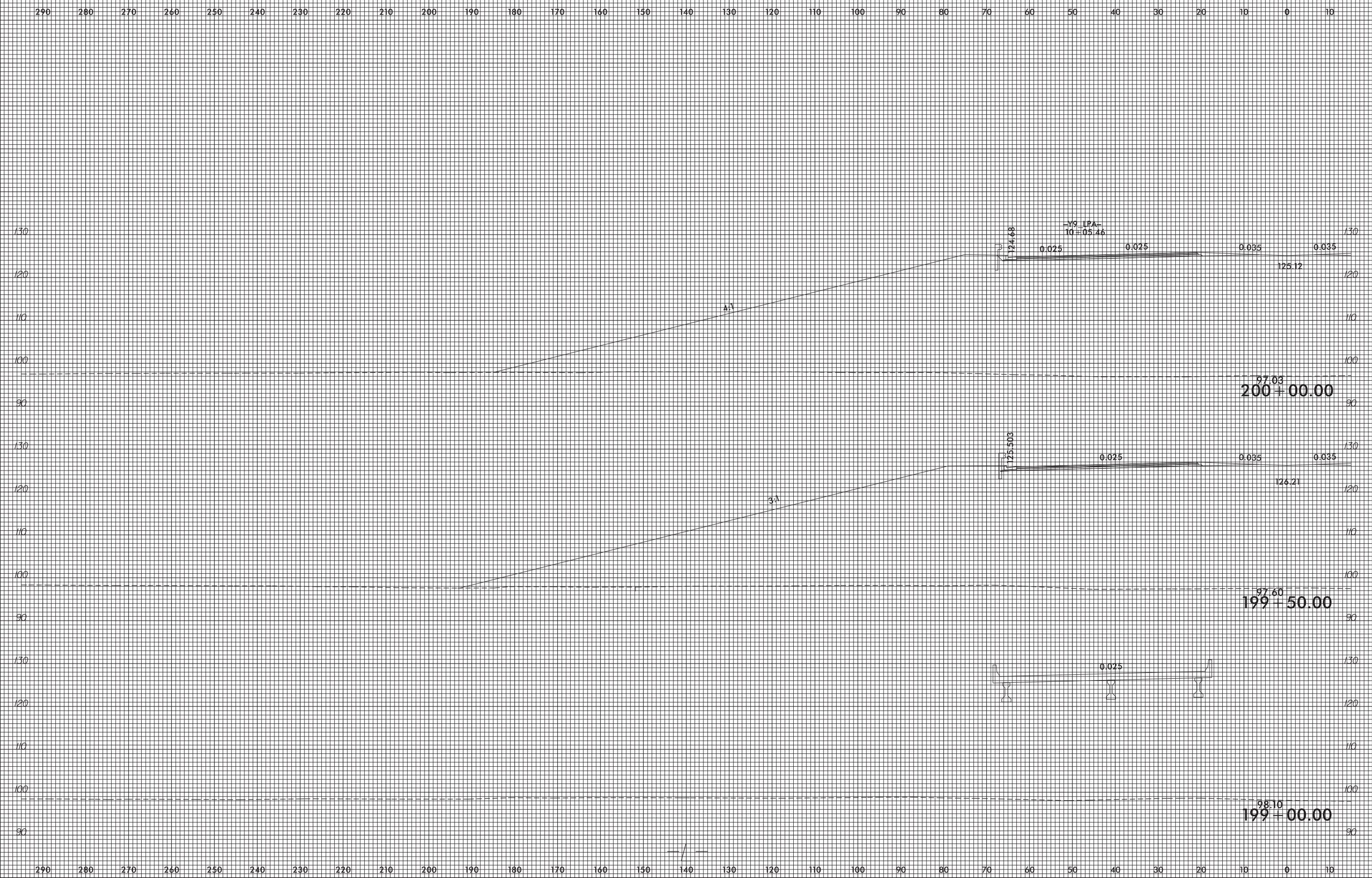
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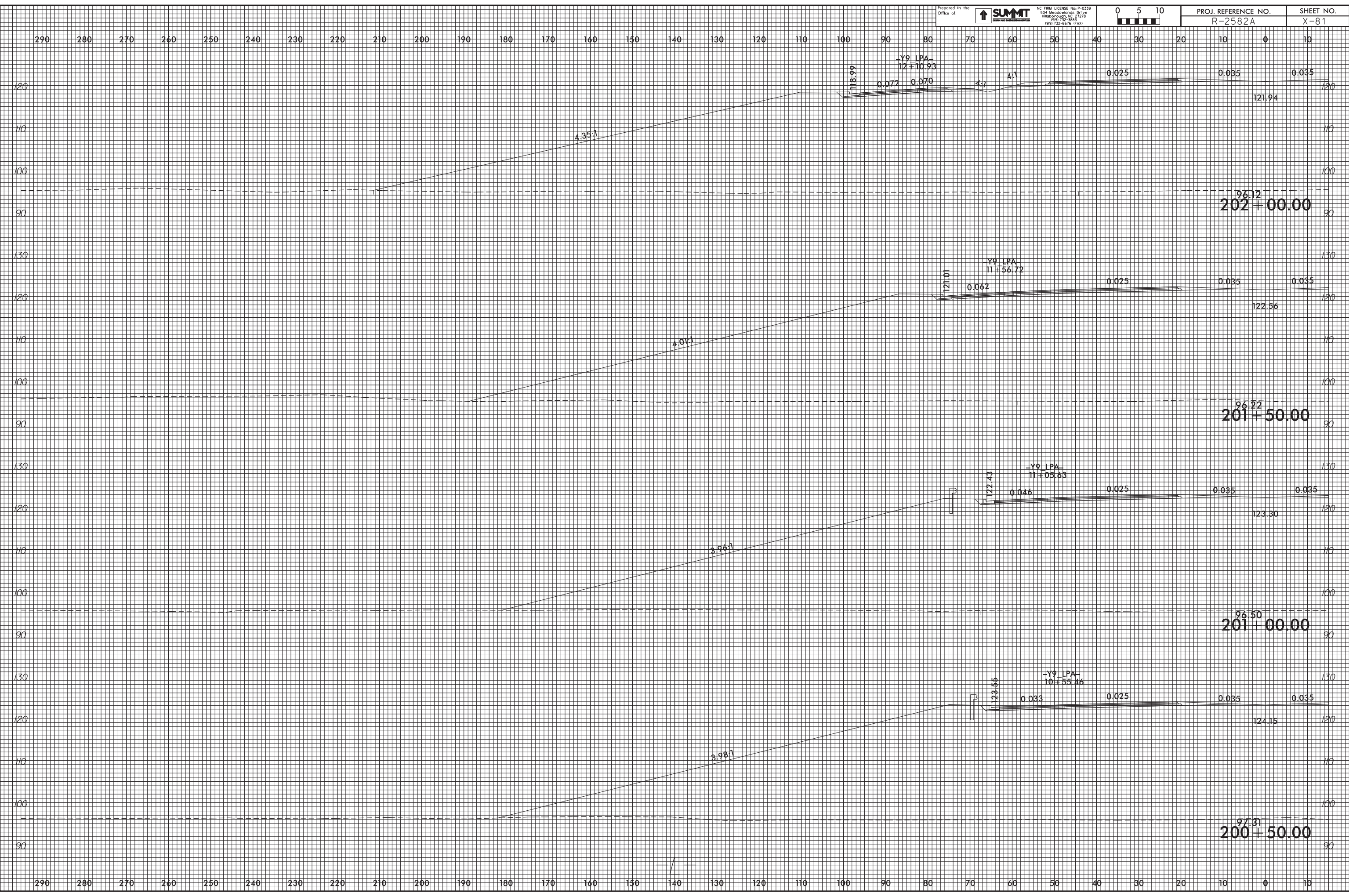


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504 Meadowslands Drive  
Hillsborough, NC 27578  
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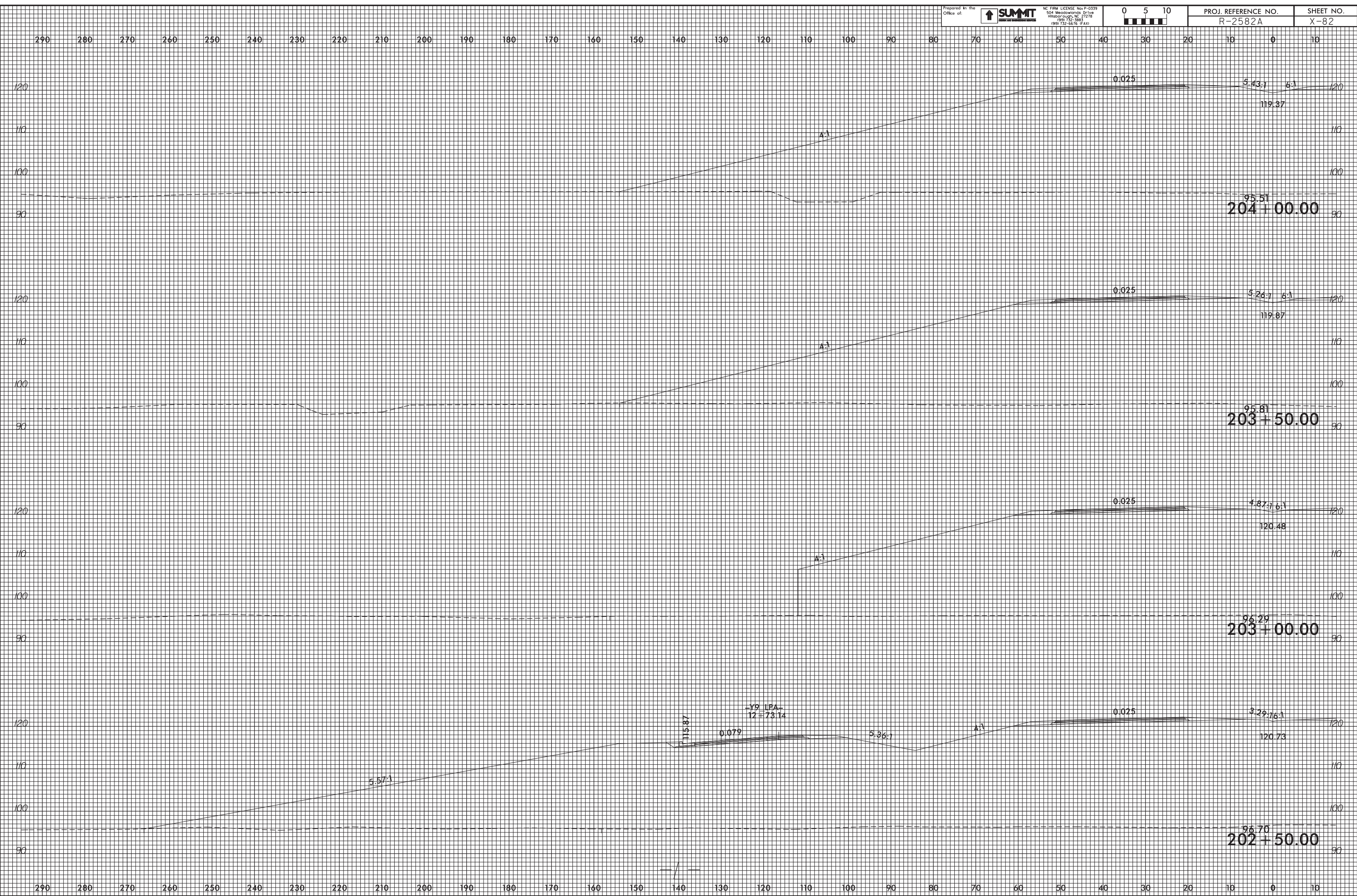


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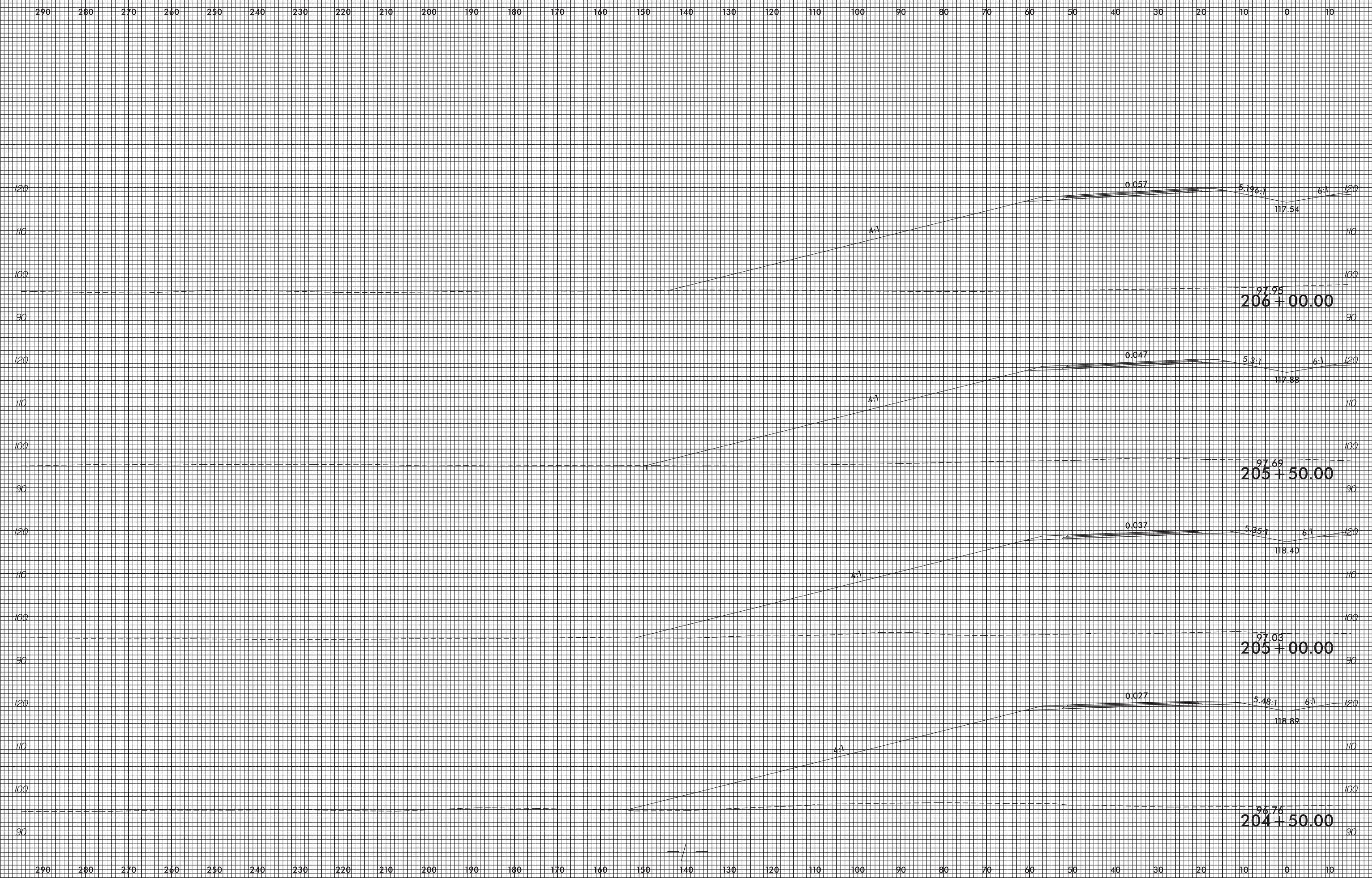
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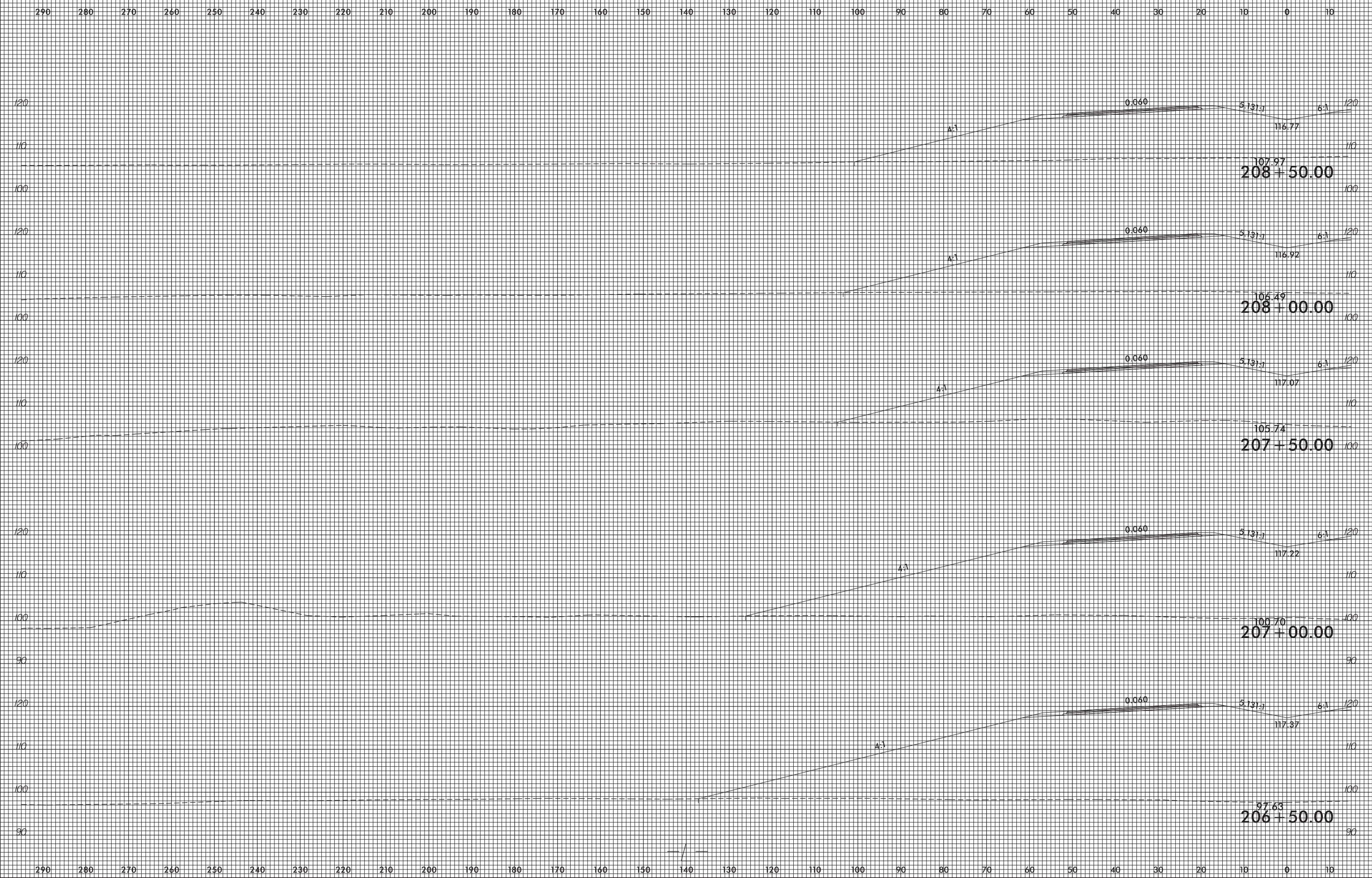
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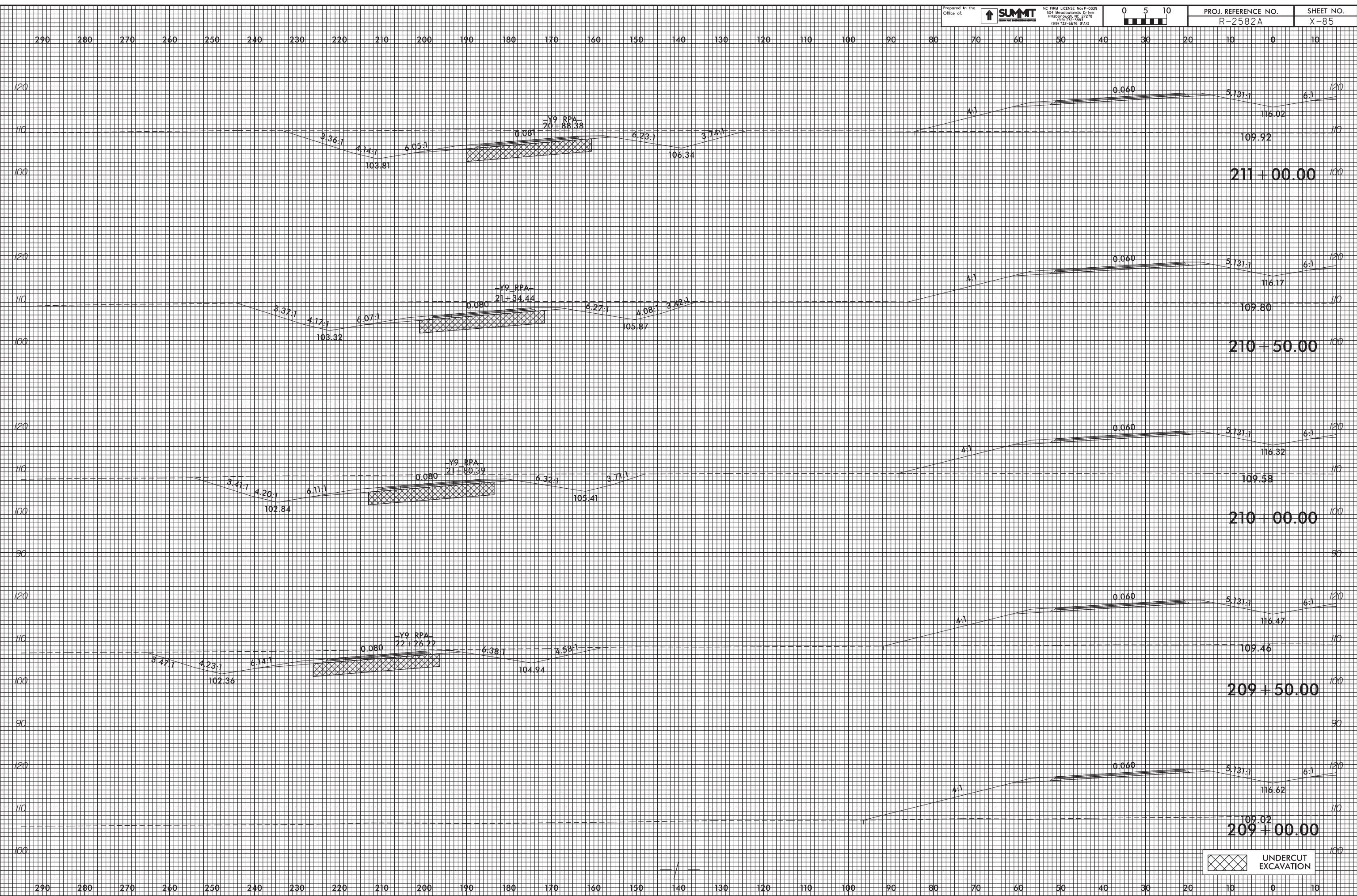



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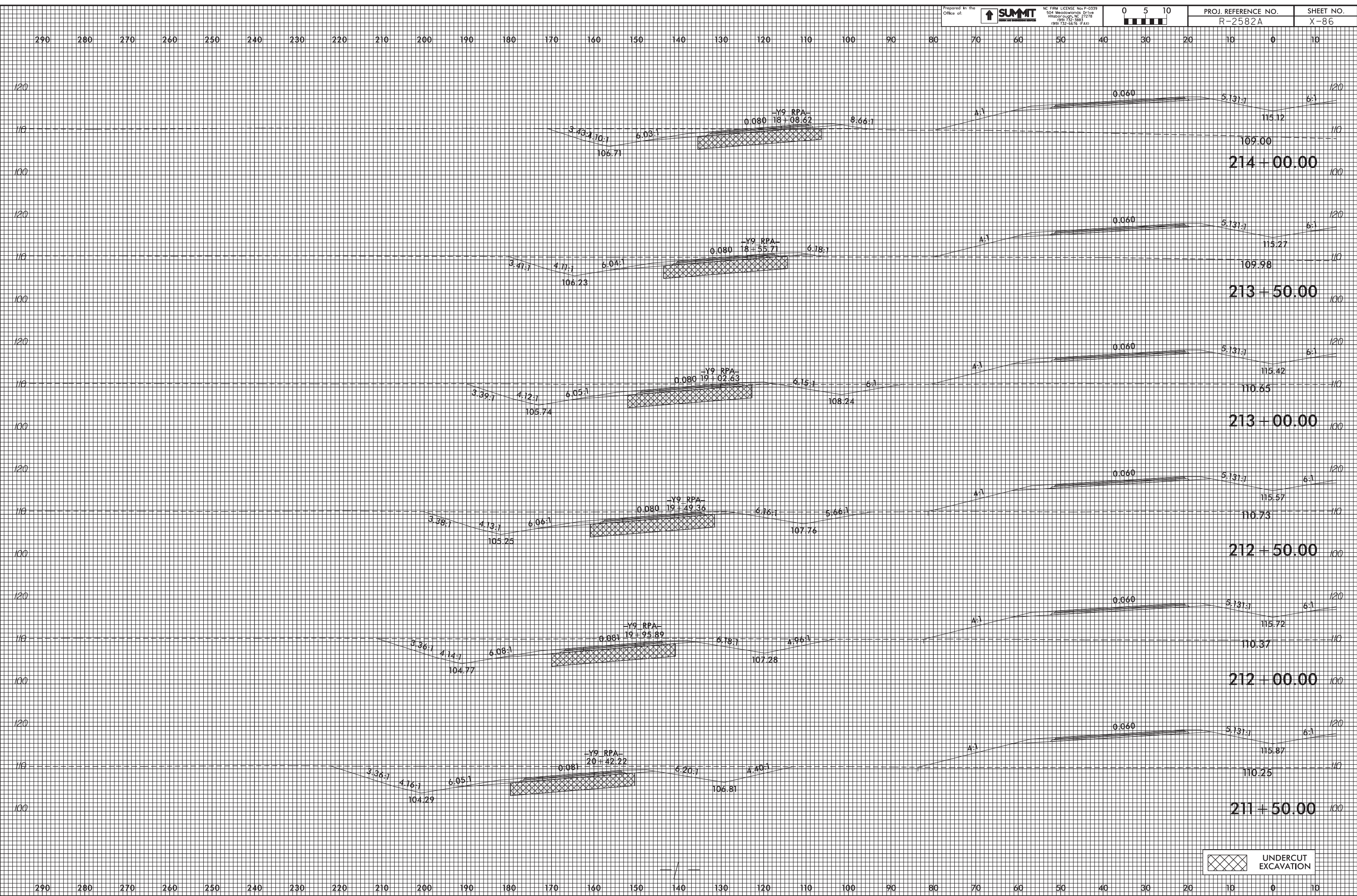
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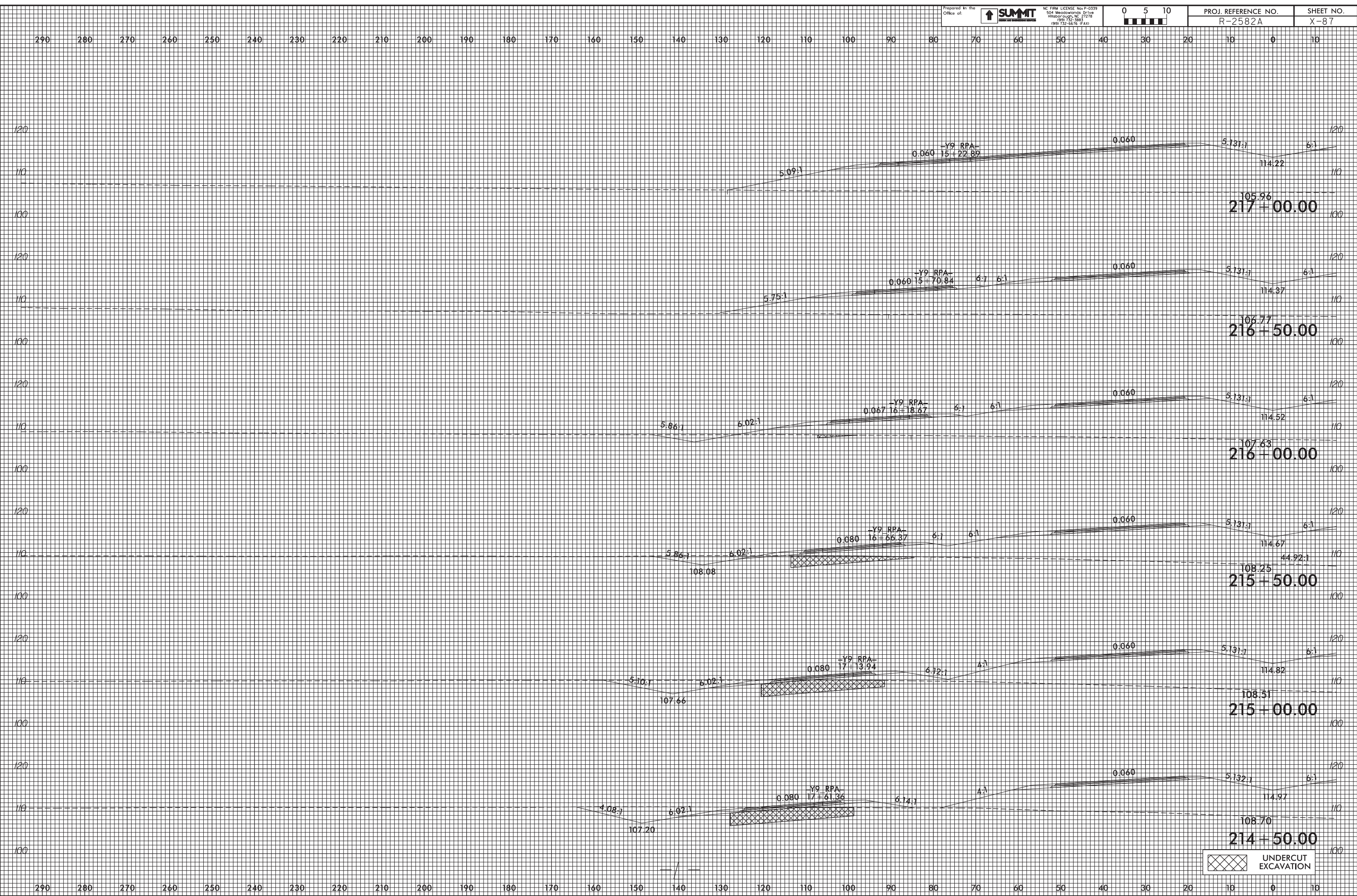
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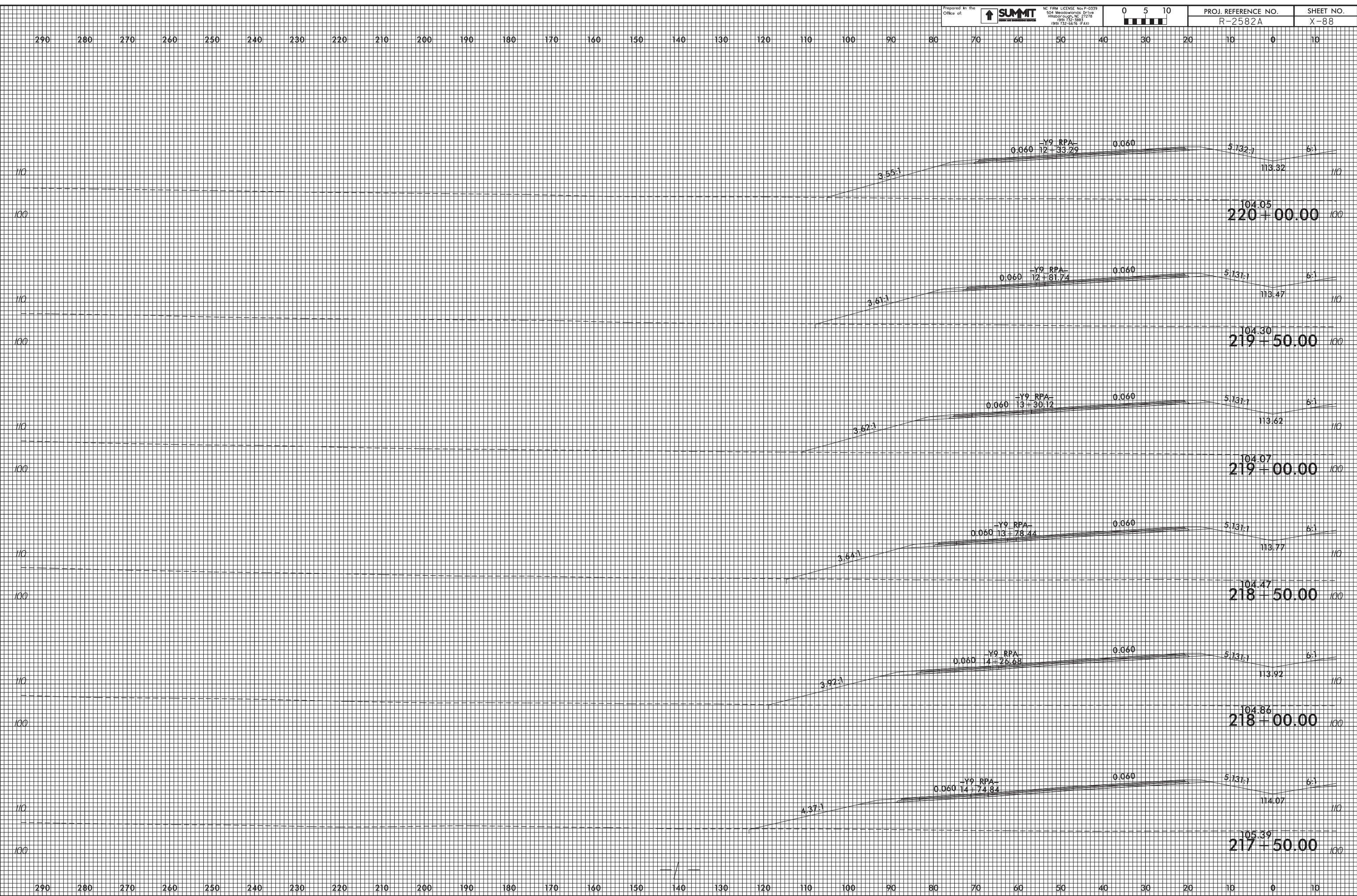


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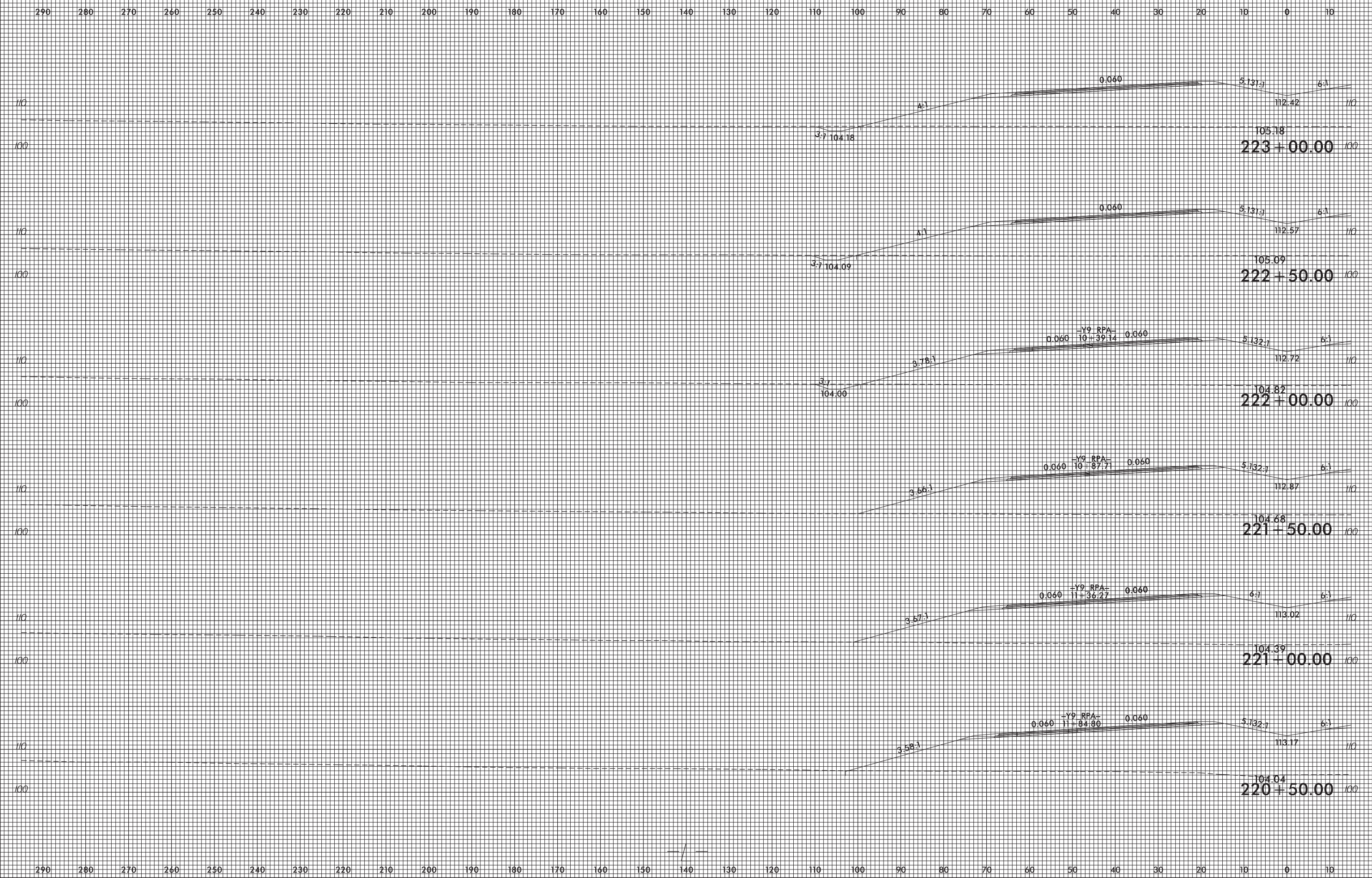


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Hillsborough, NC 27578  
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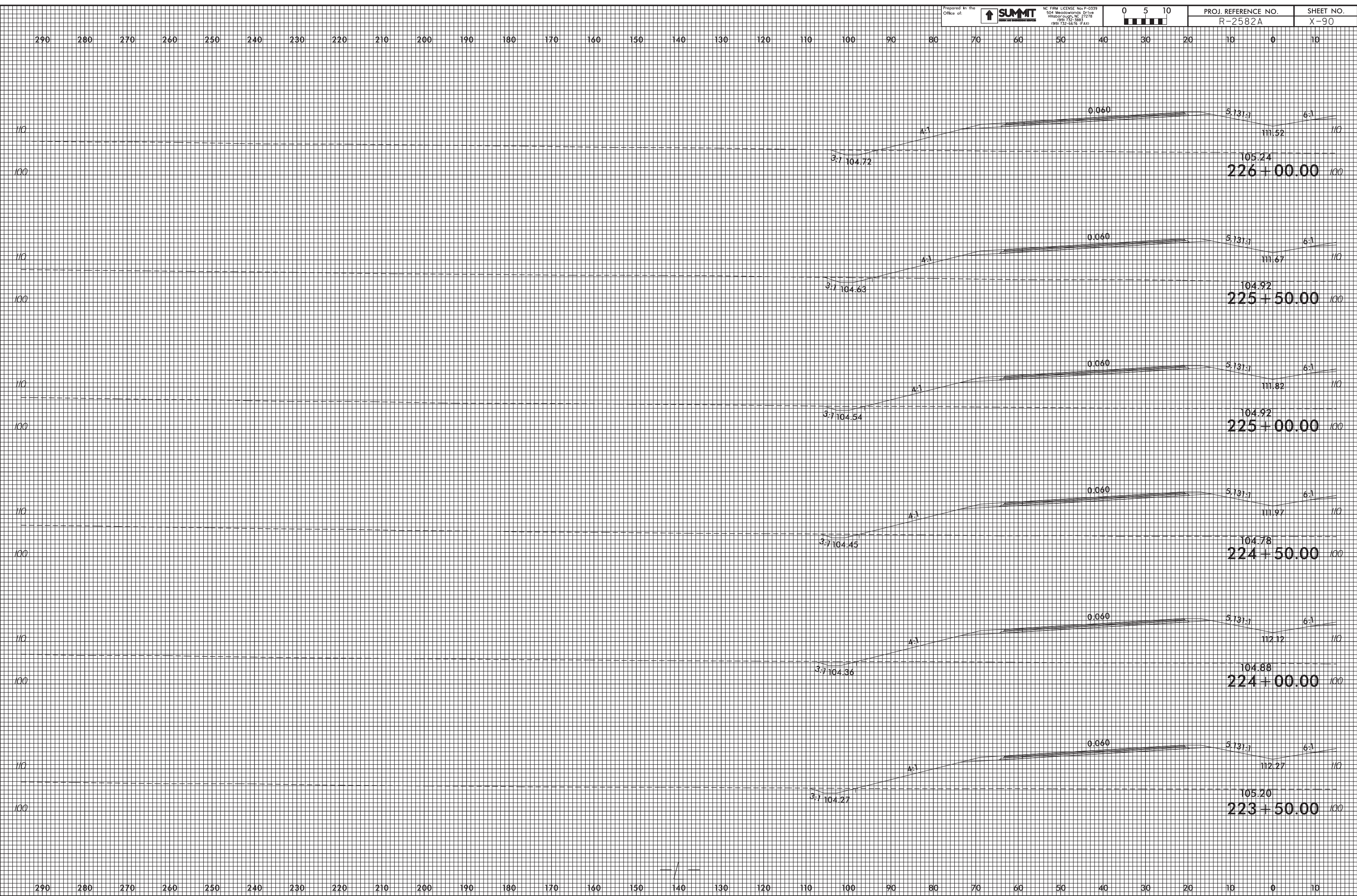


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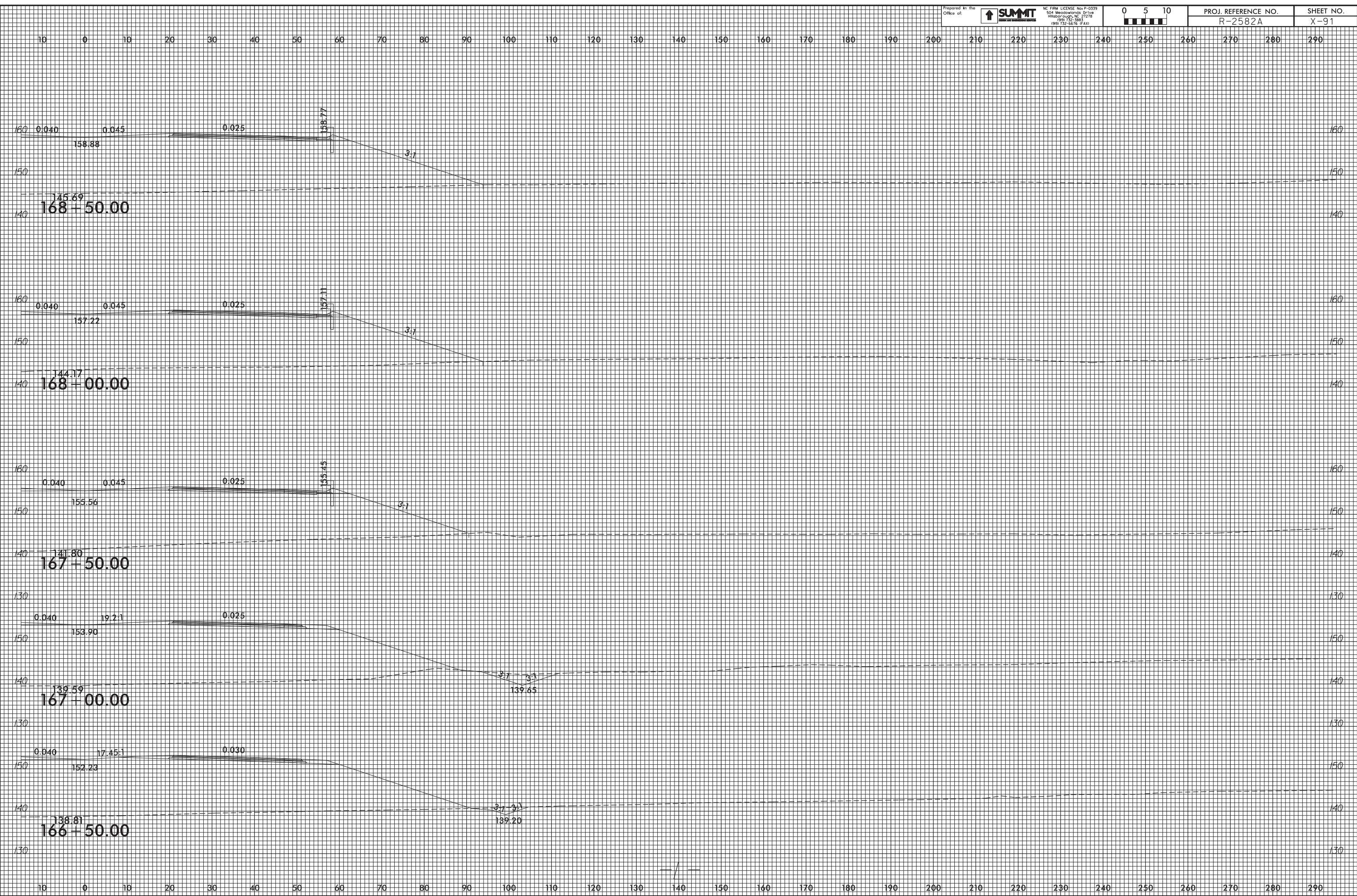
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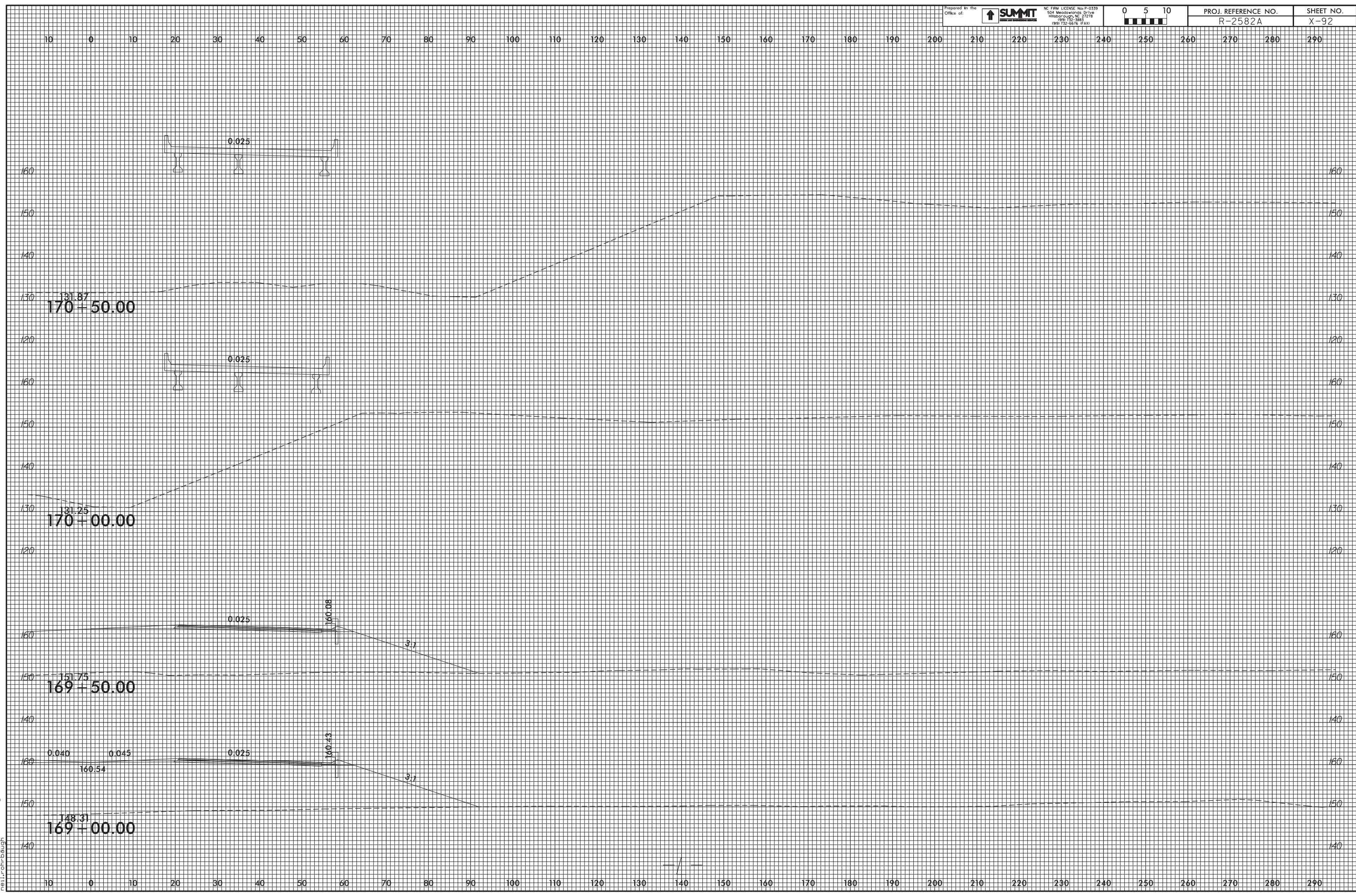
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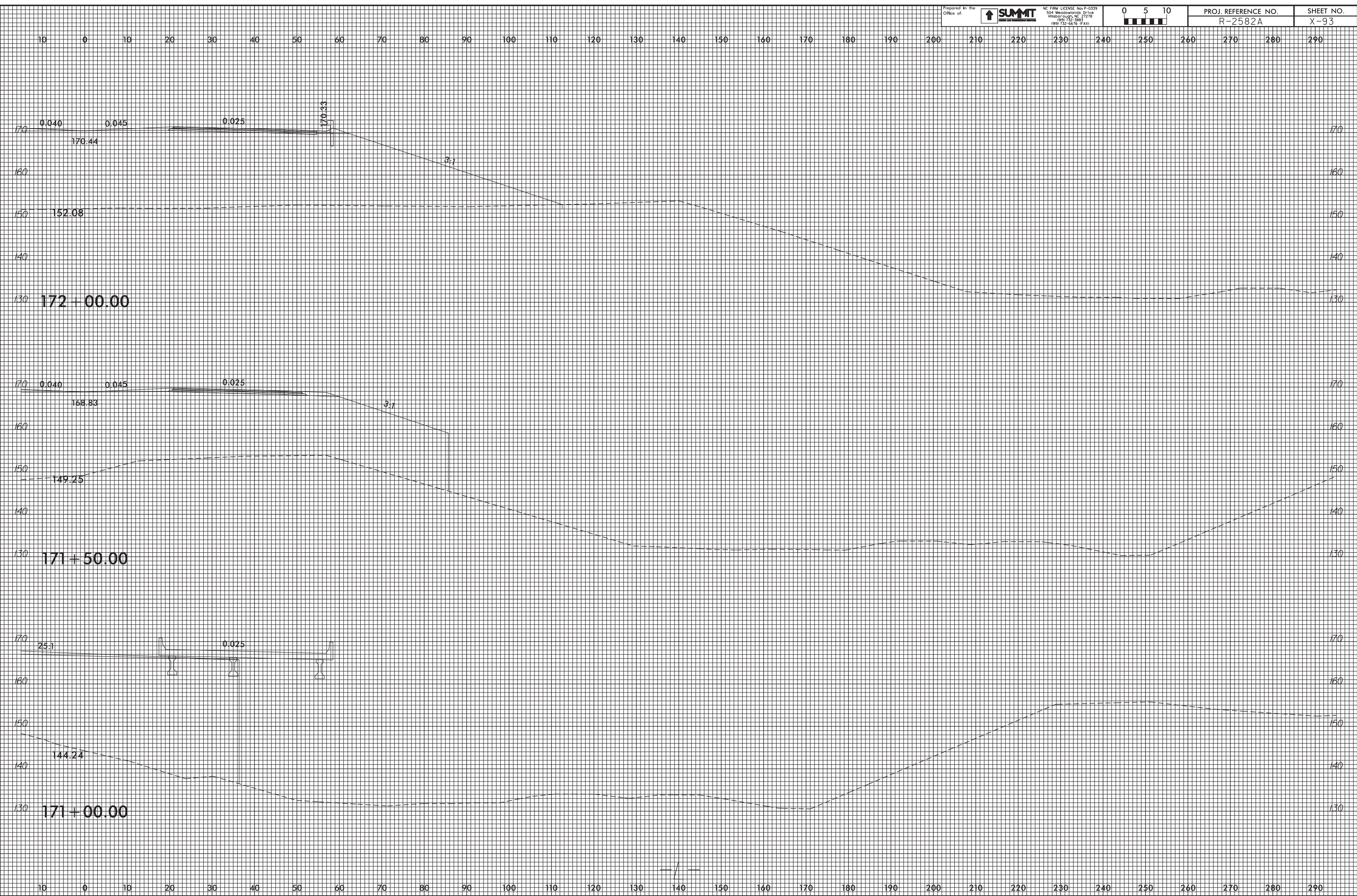


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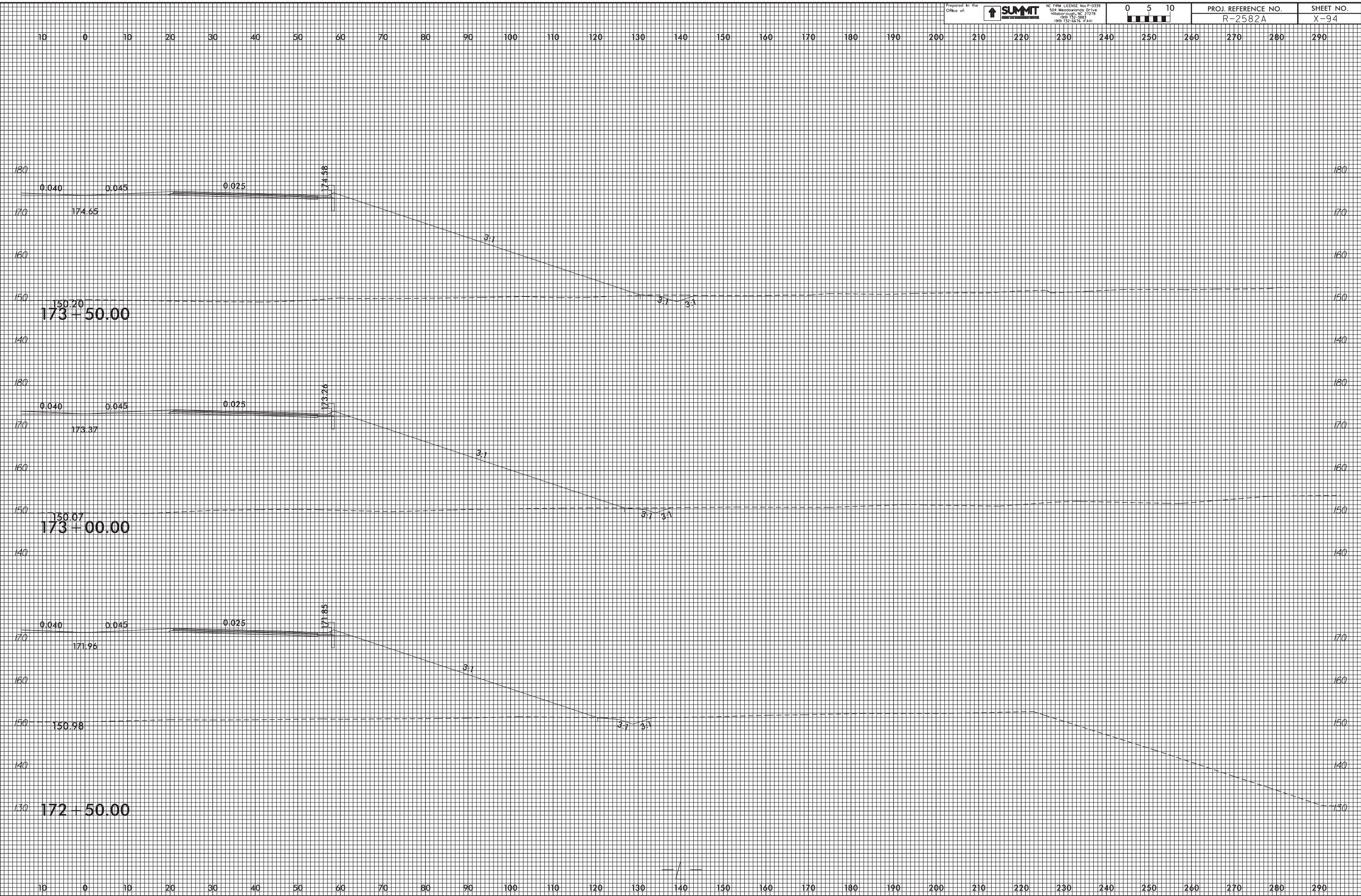


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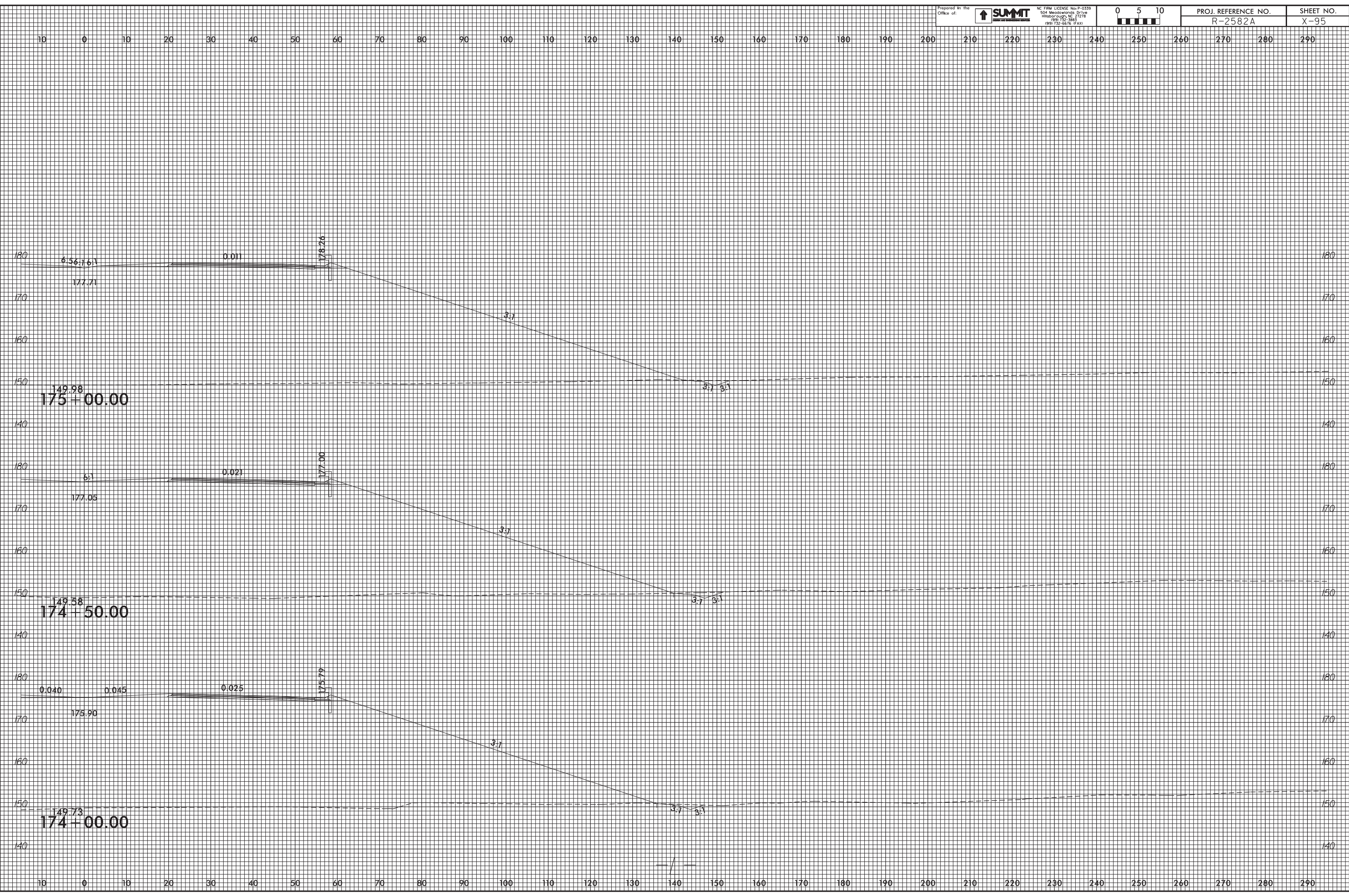




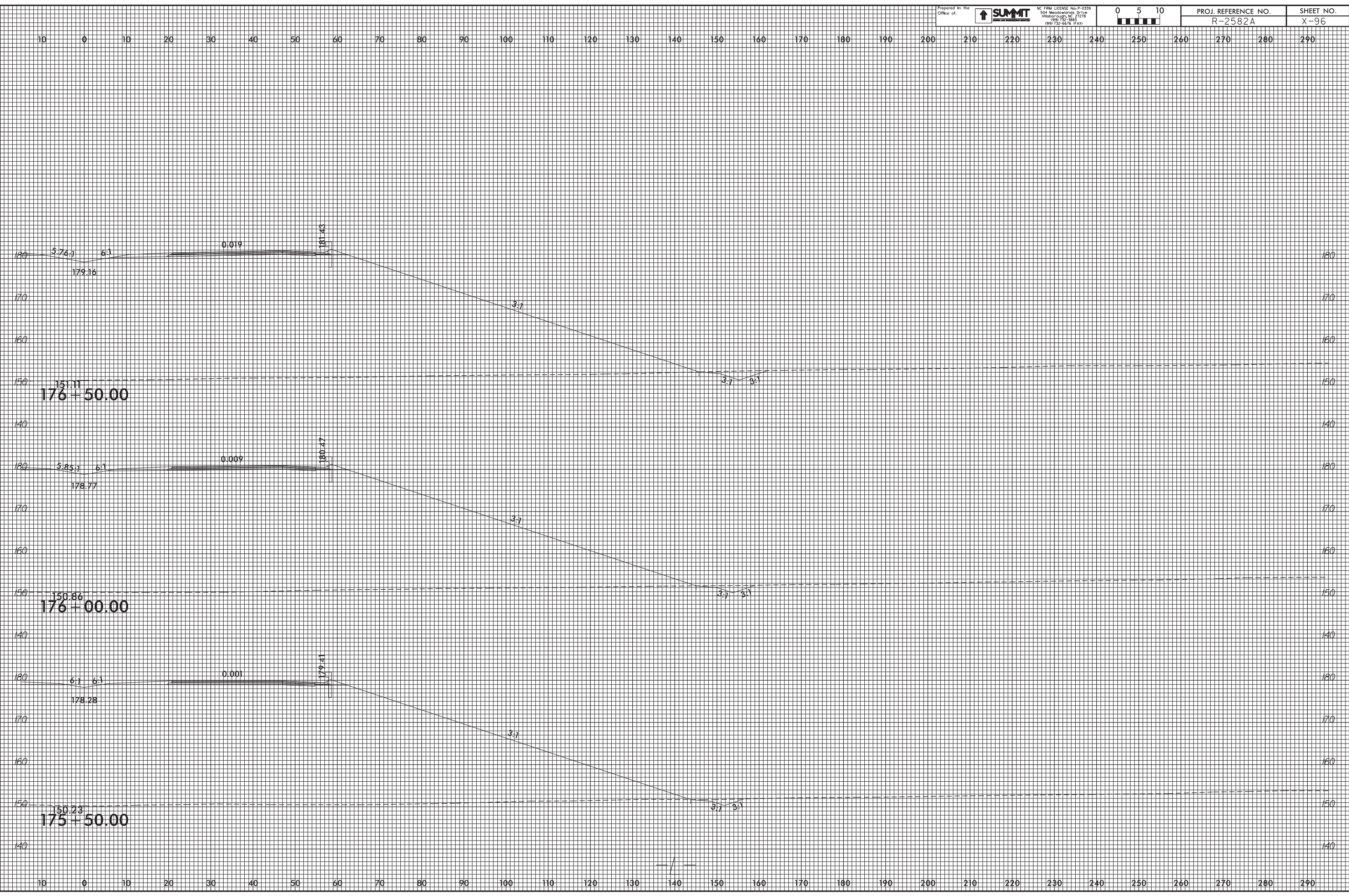
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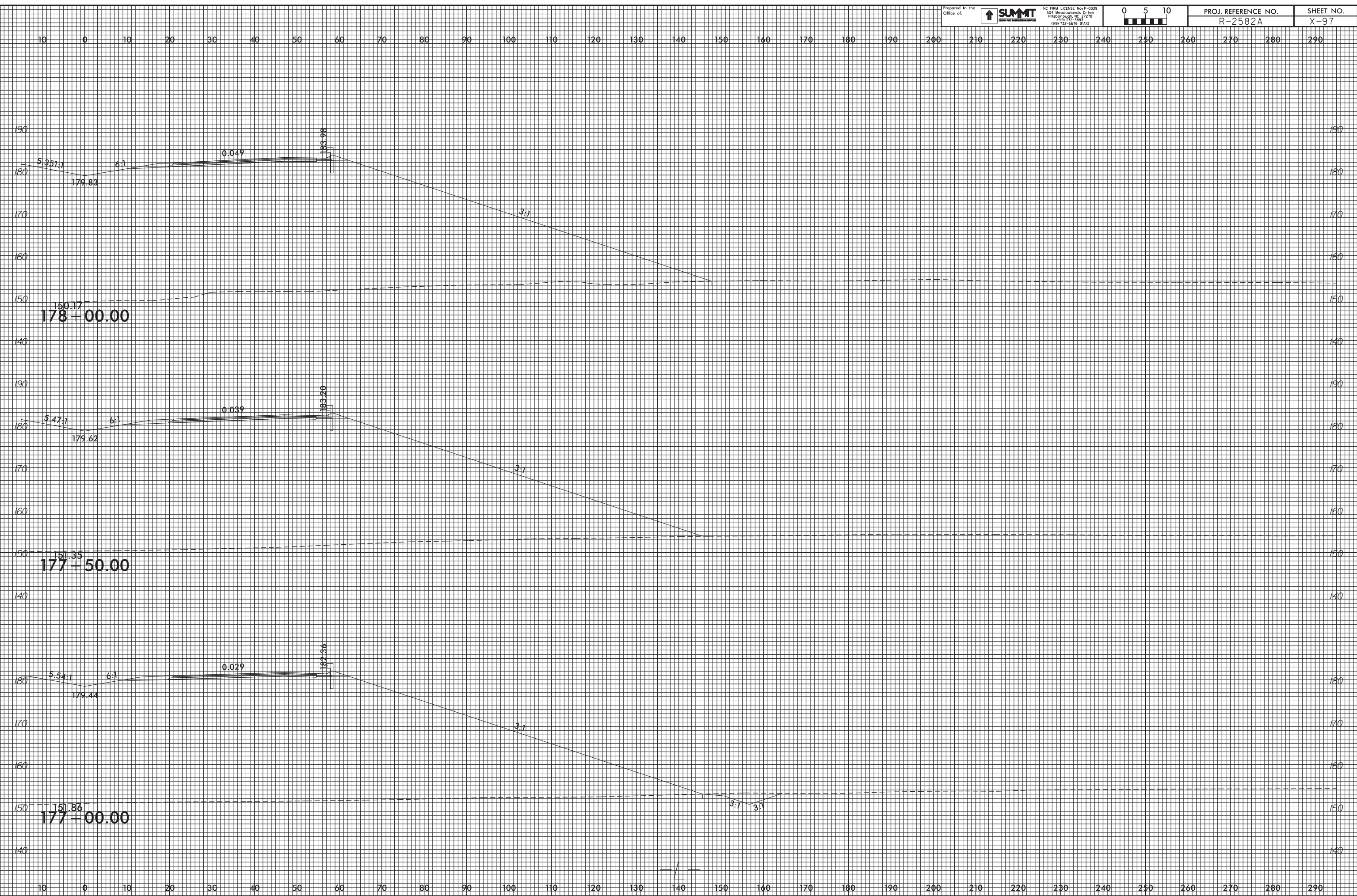
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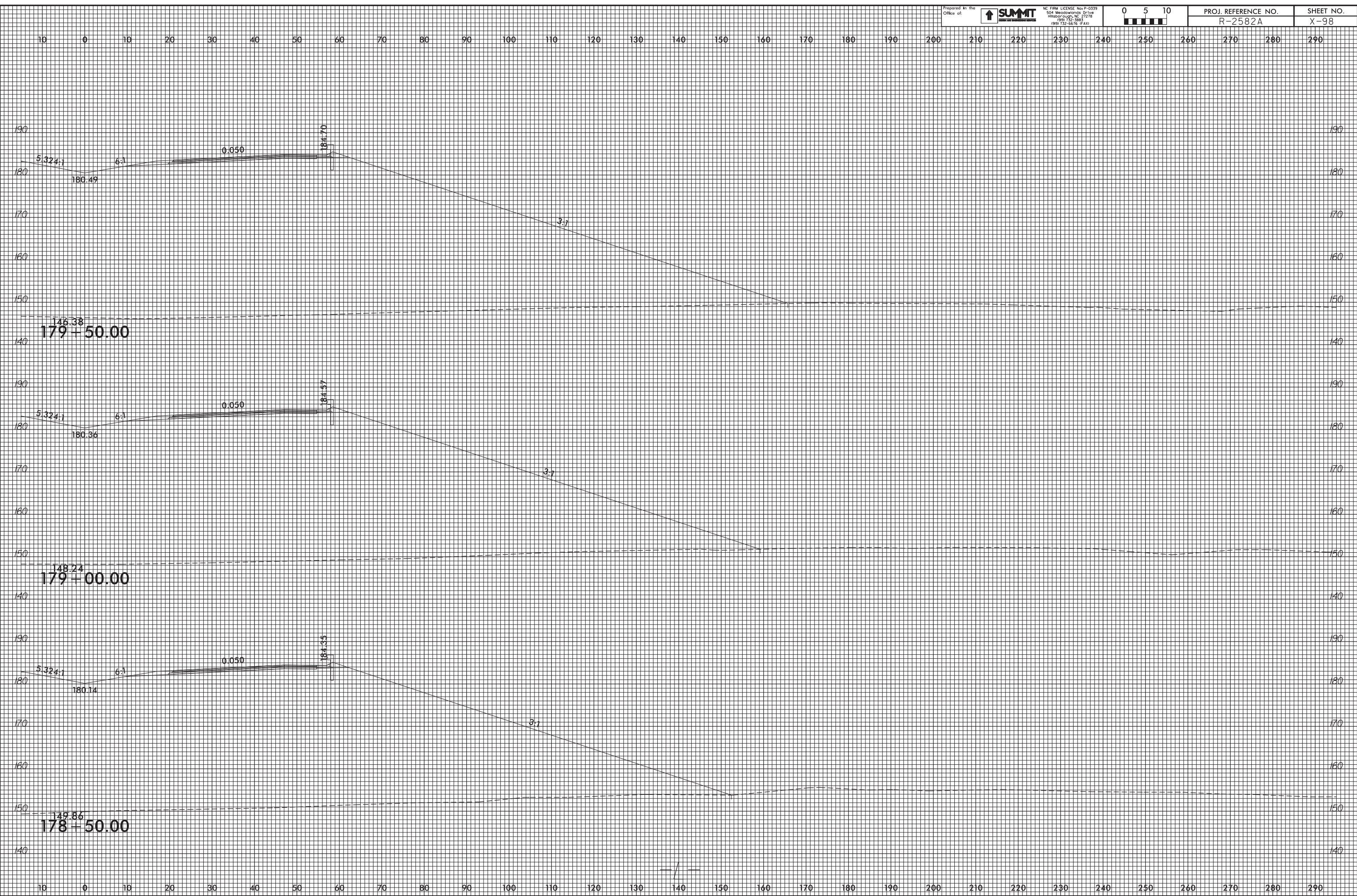
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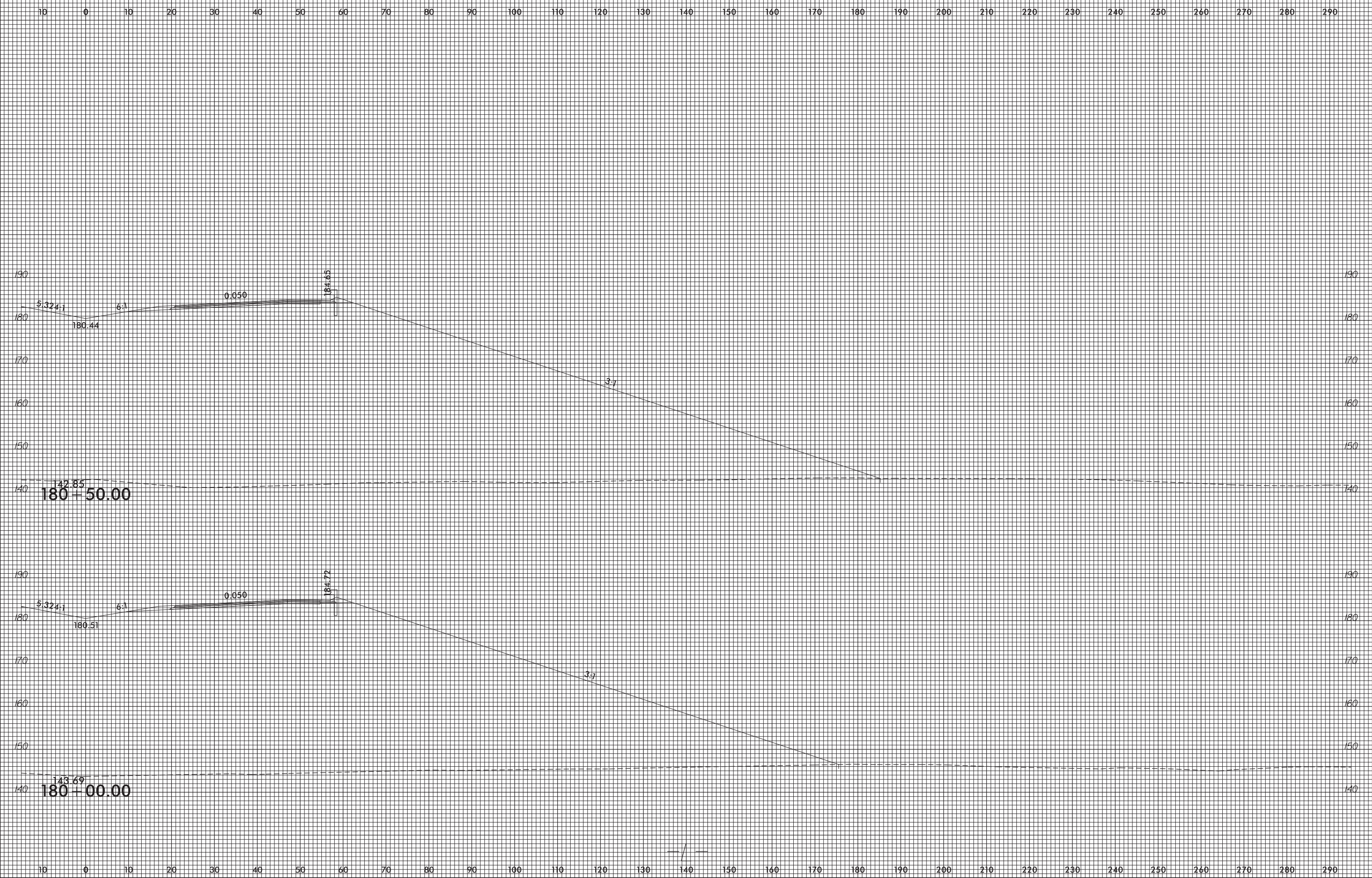
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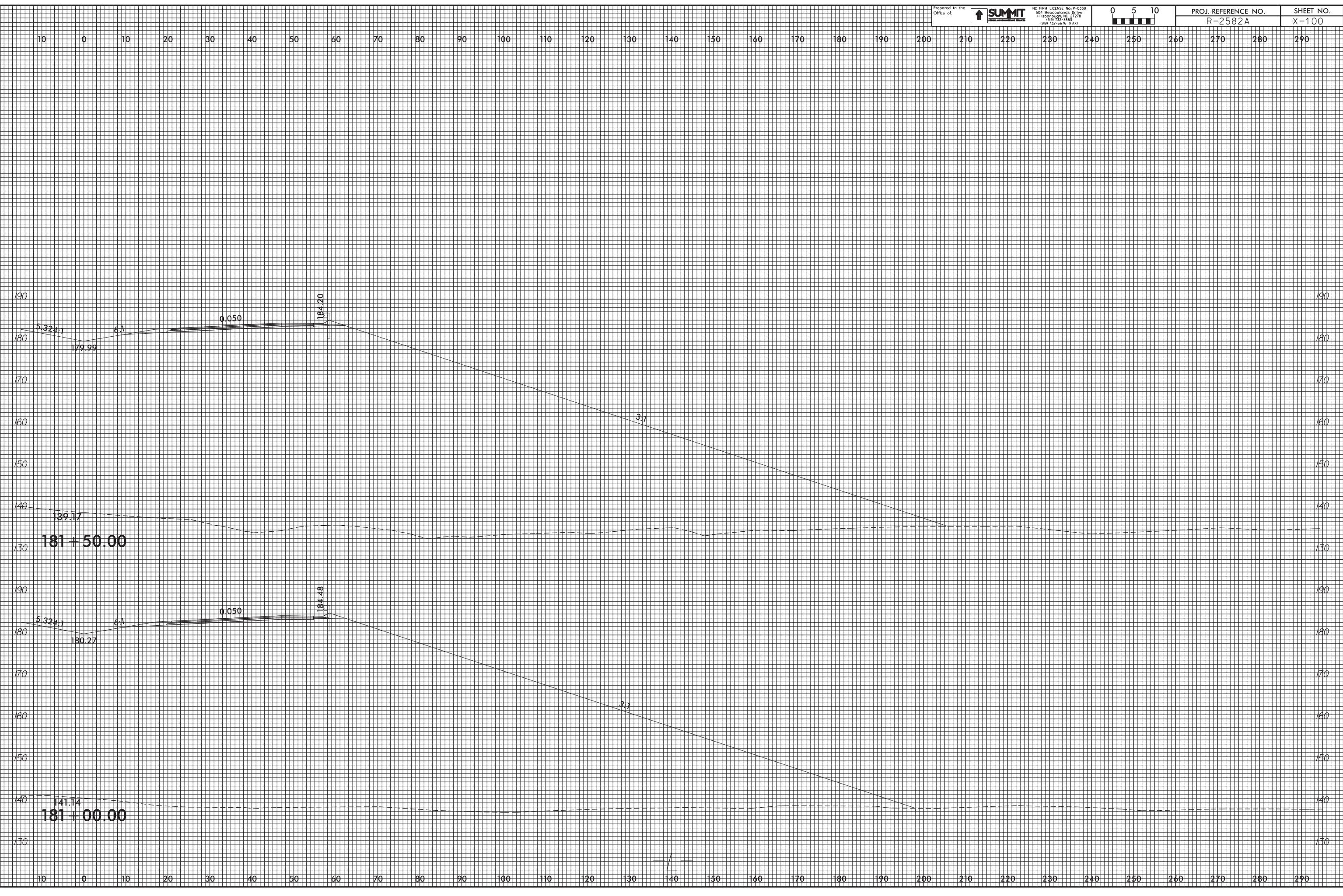
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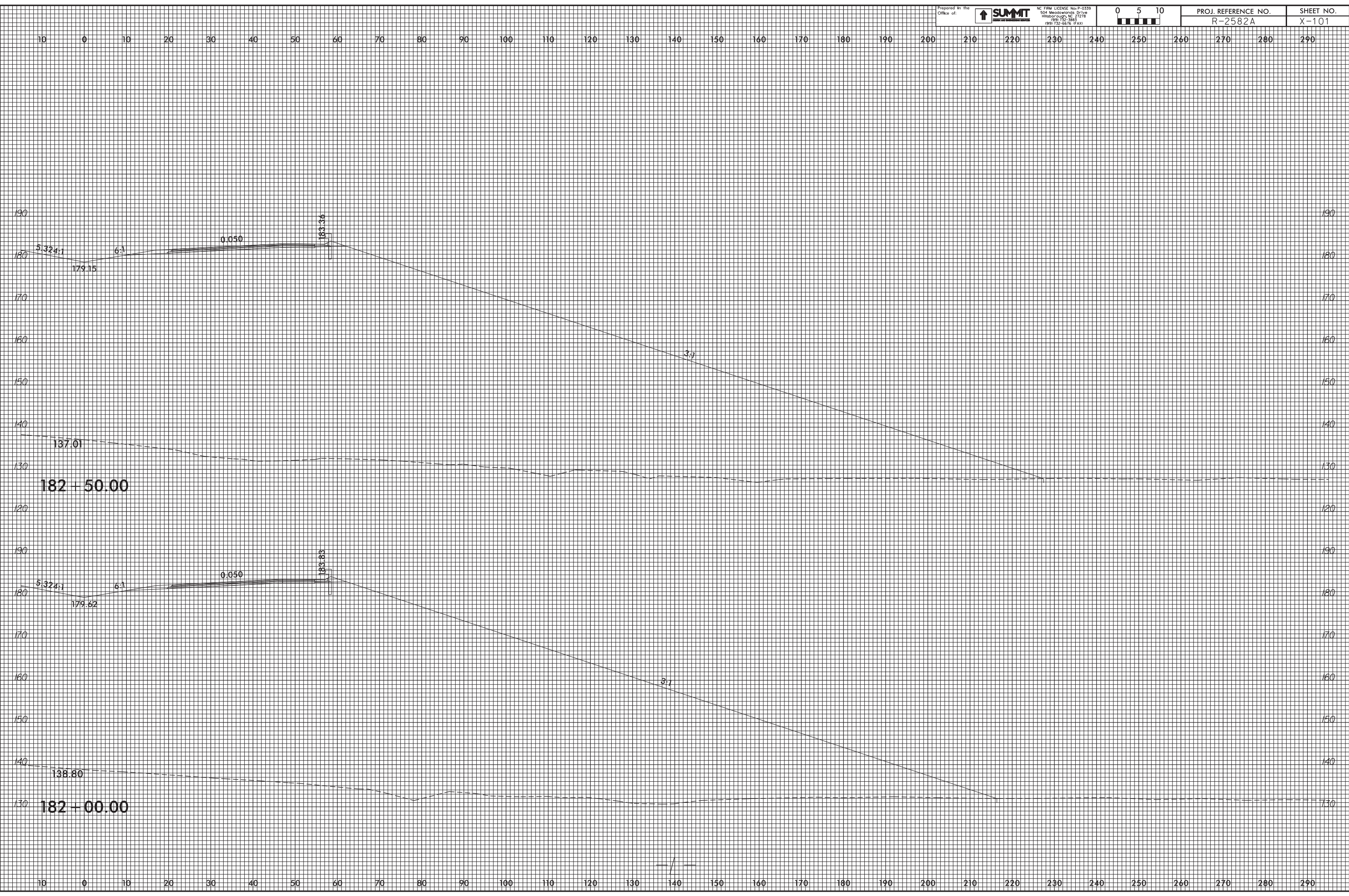


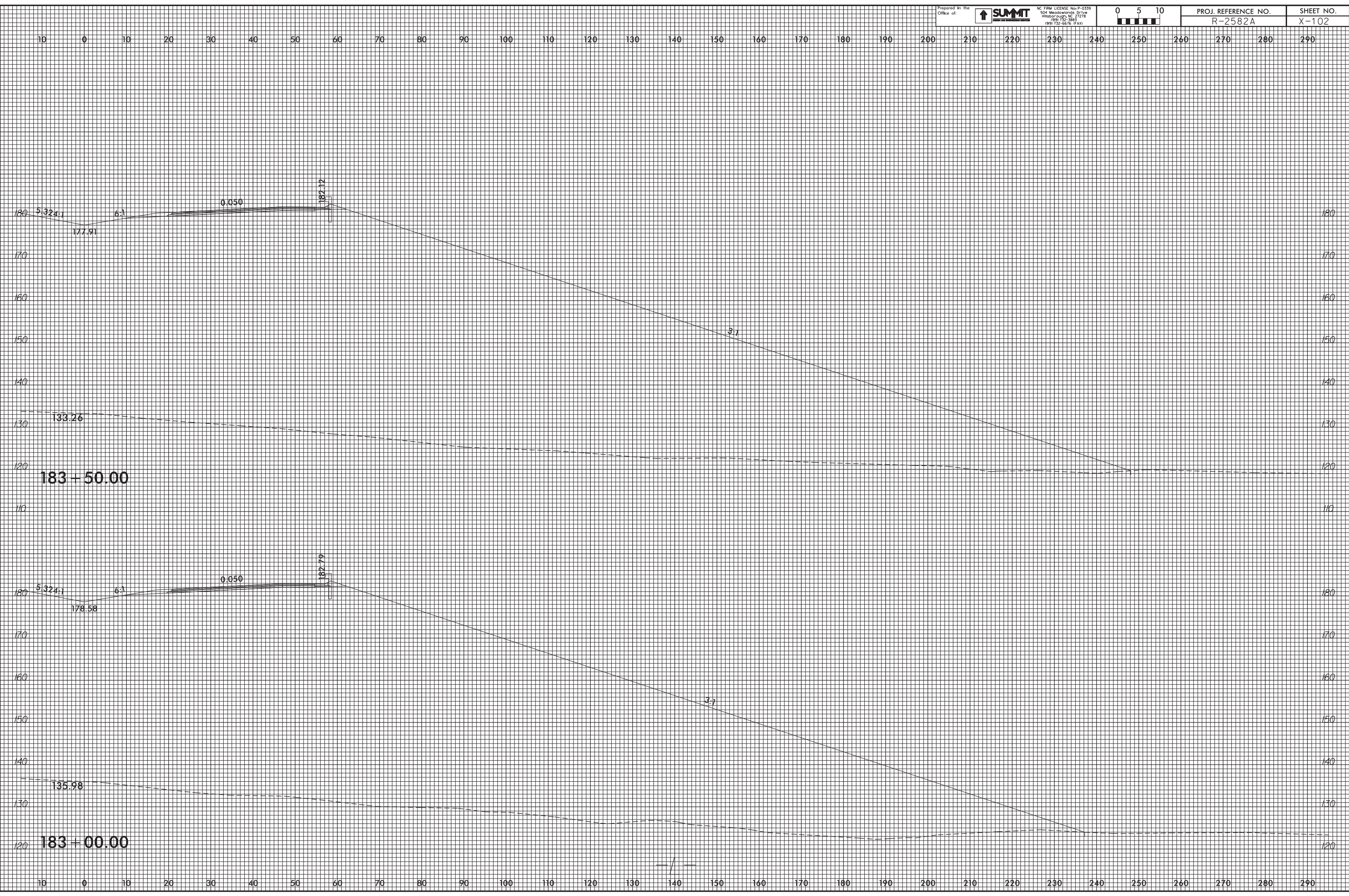
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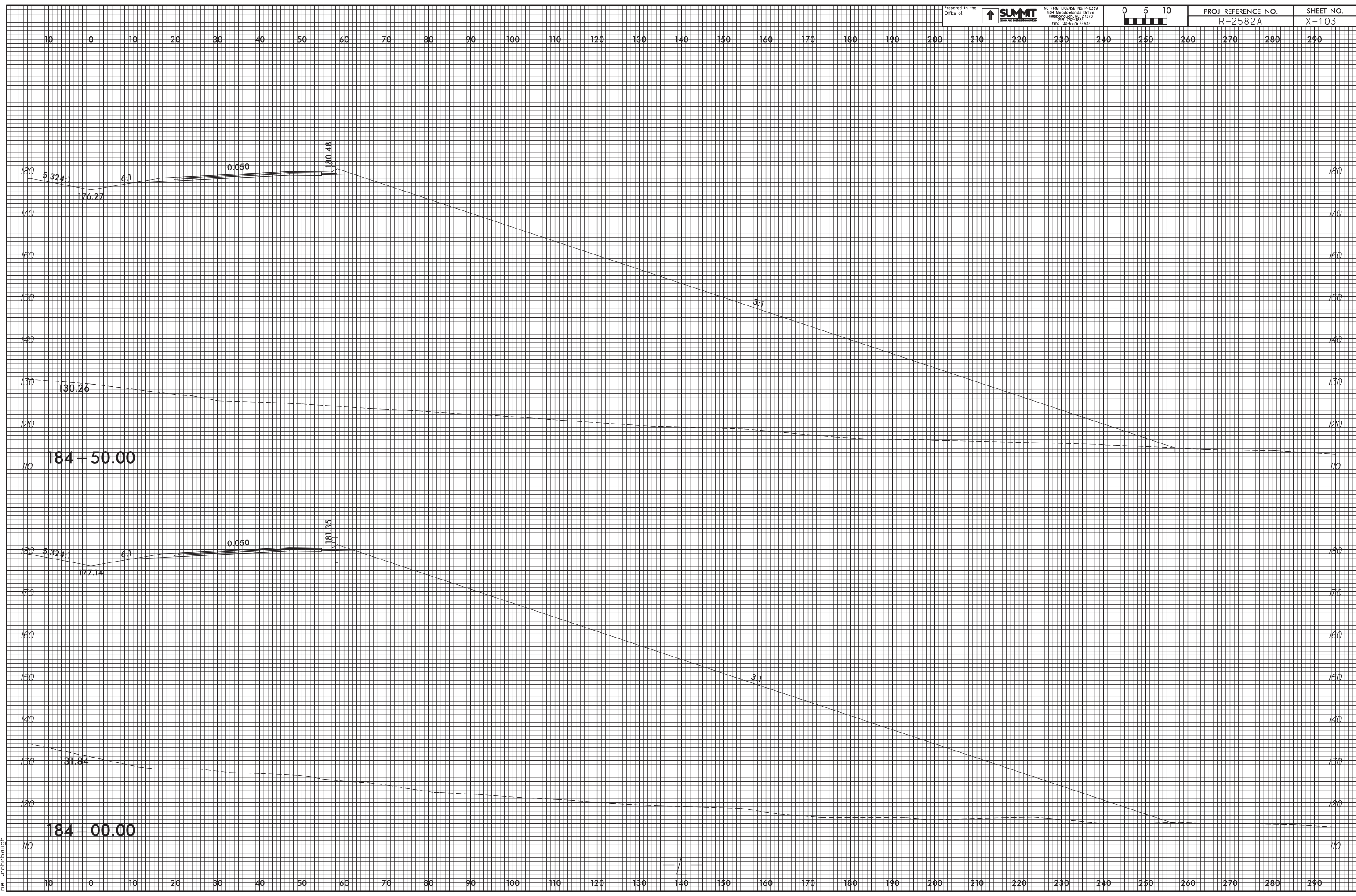


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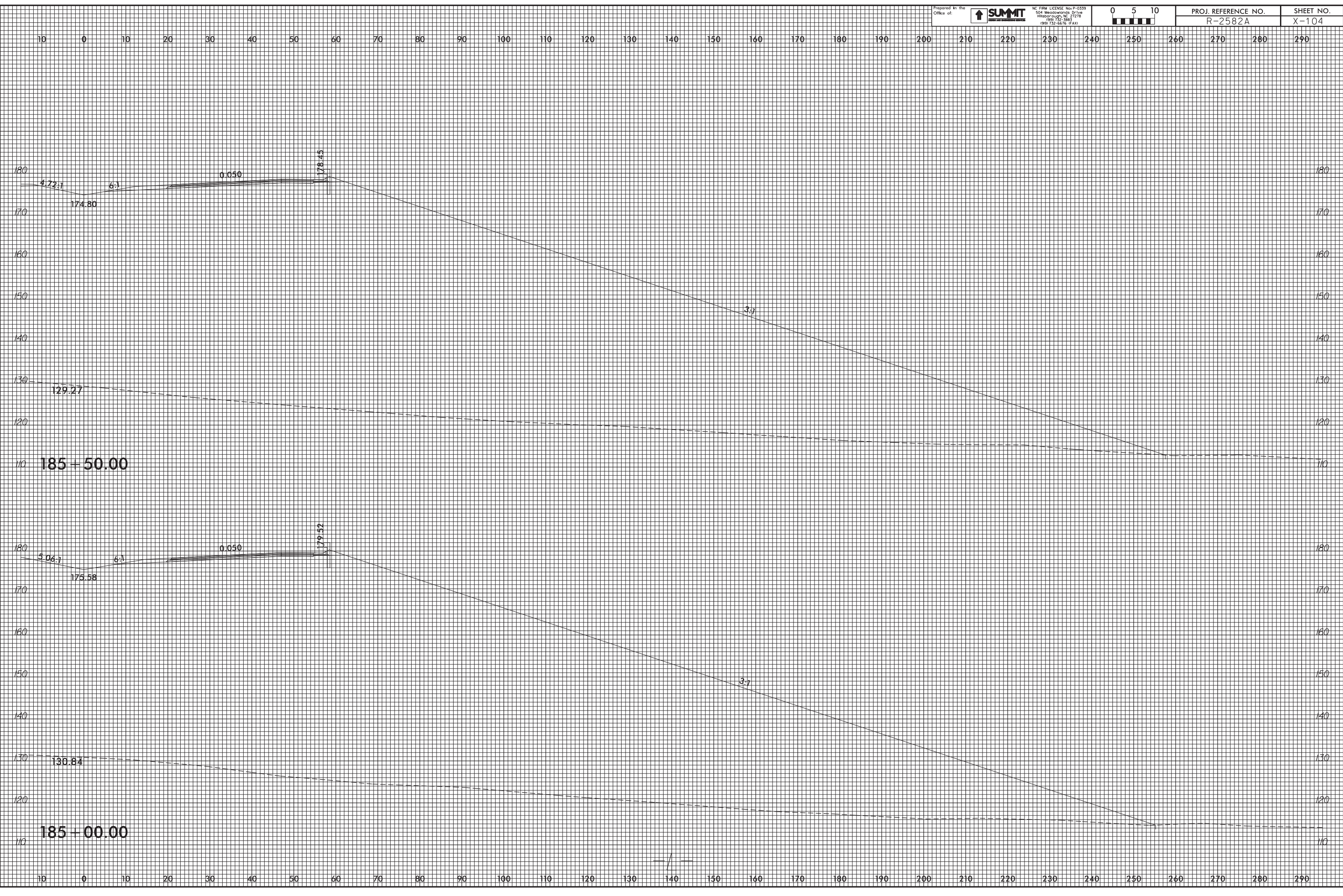




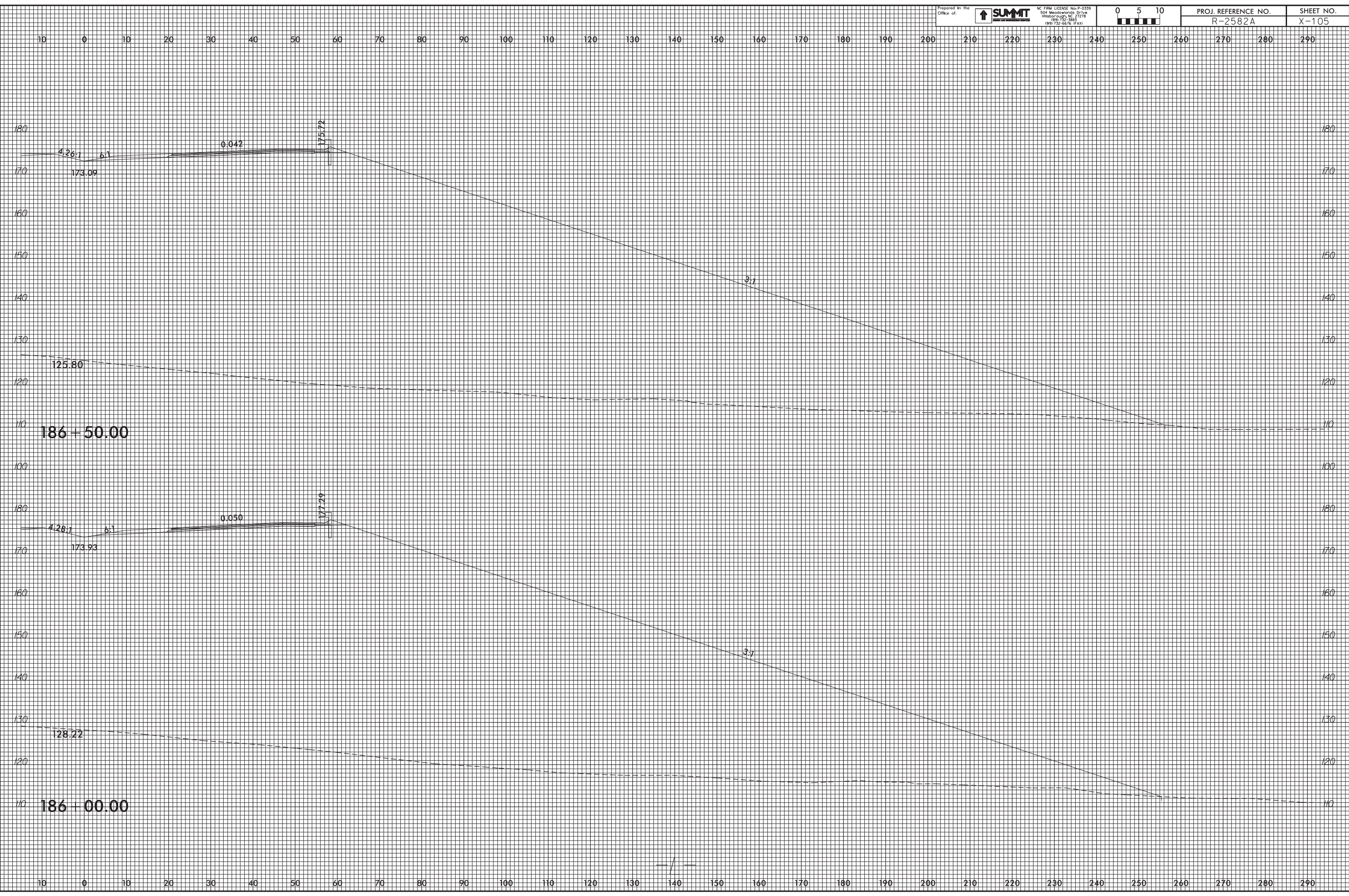


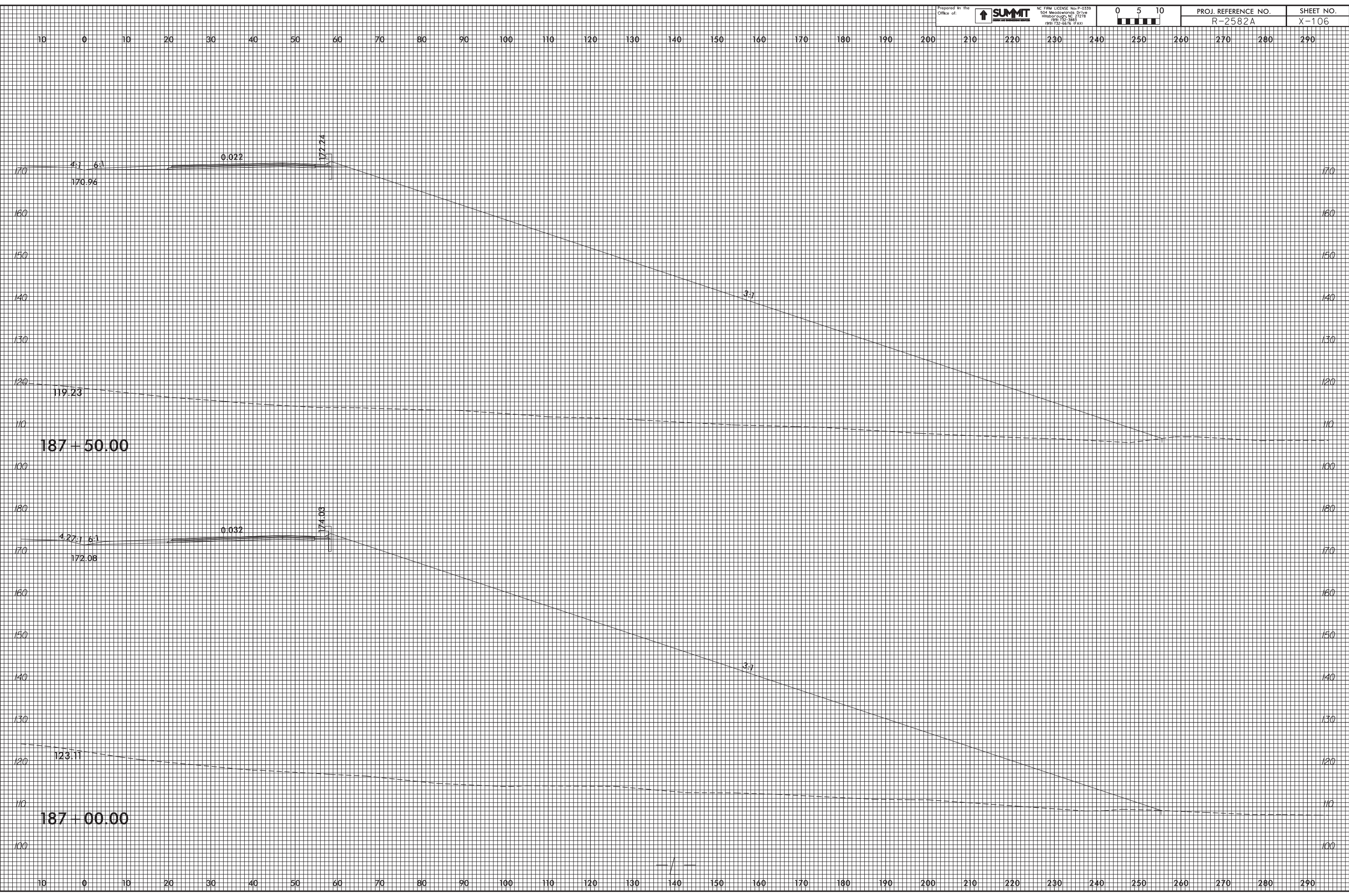


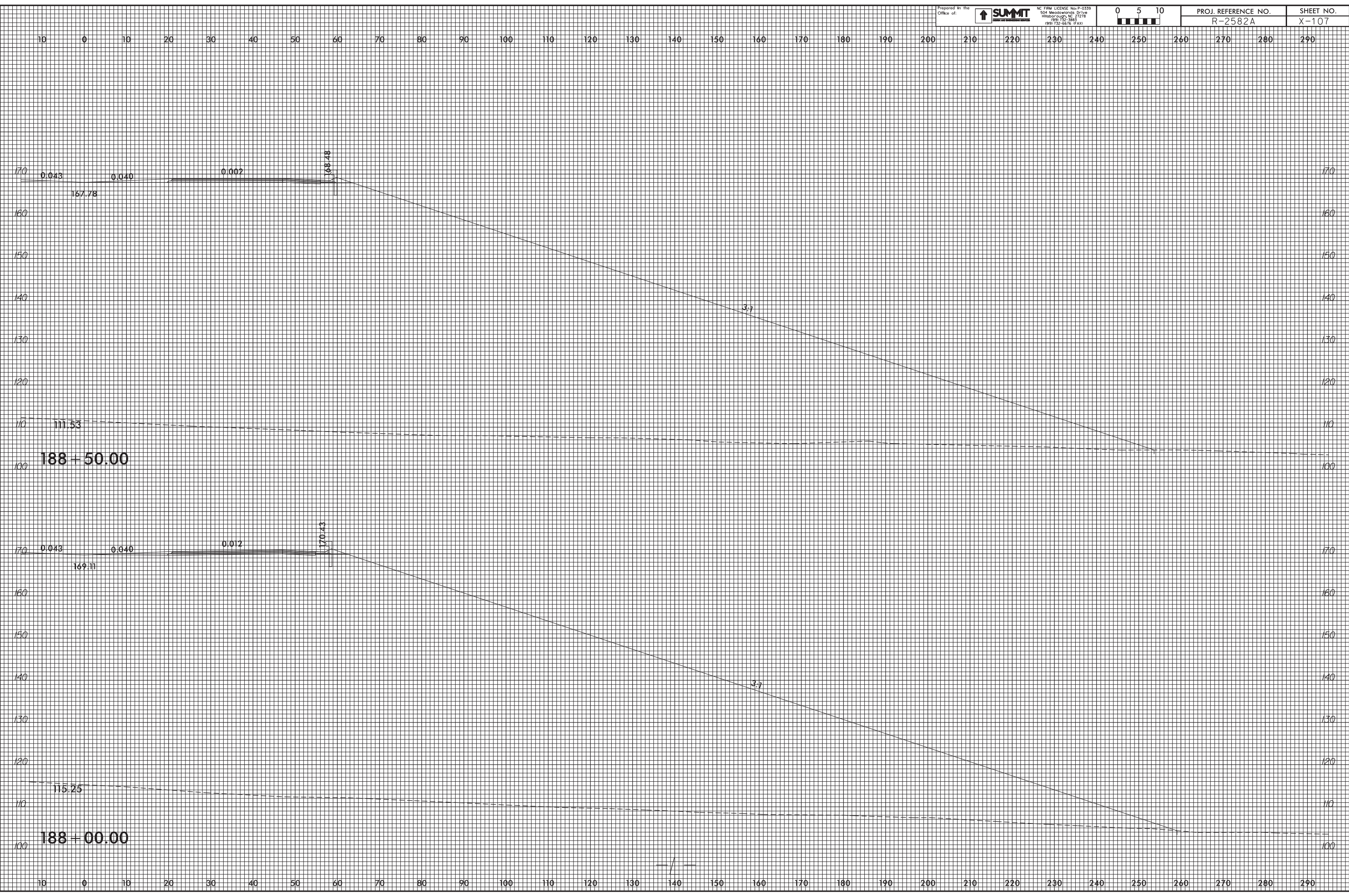
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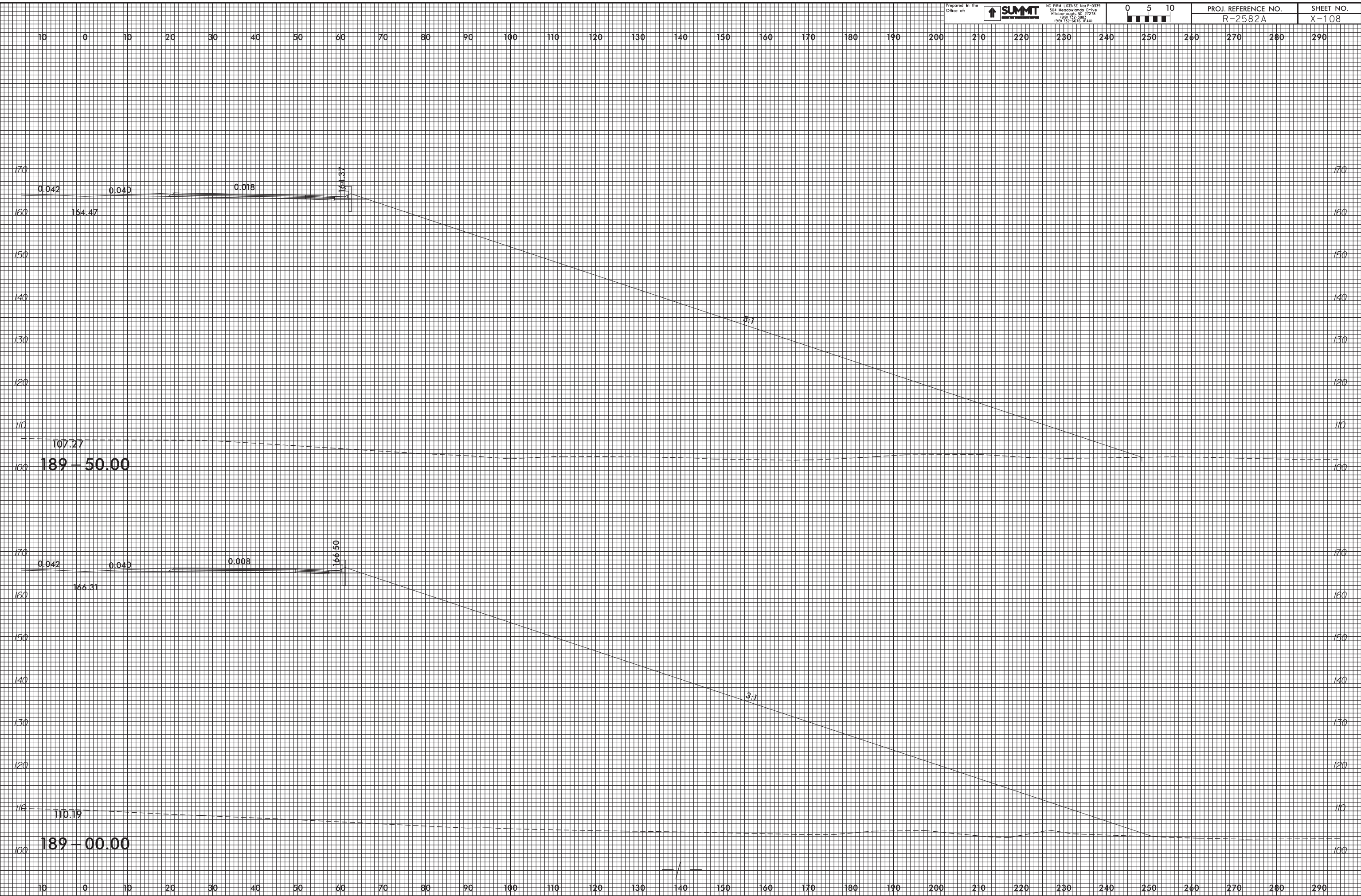
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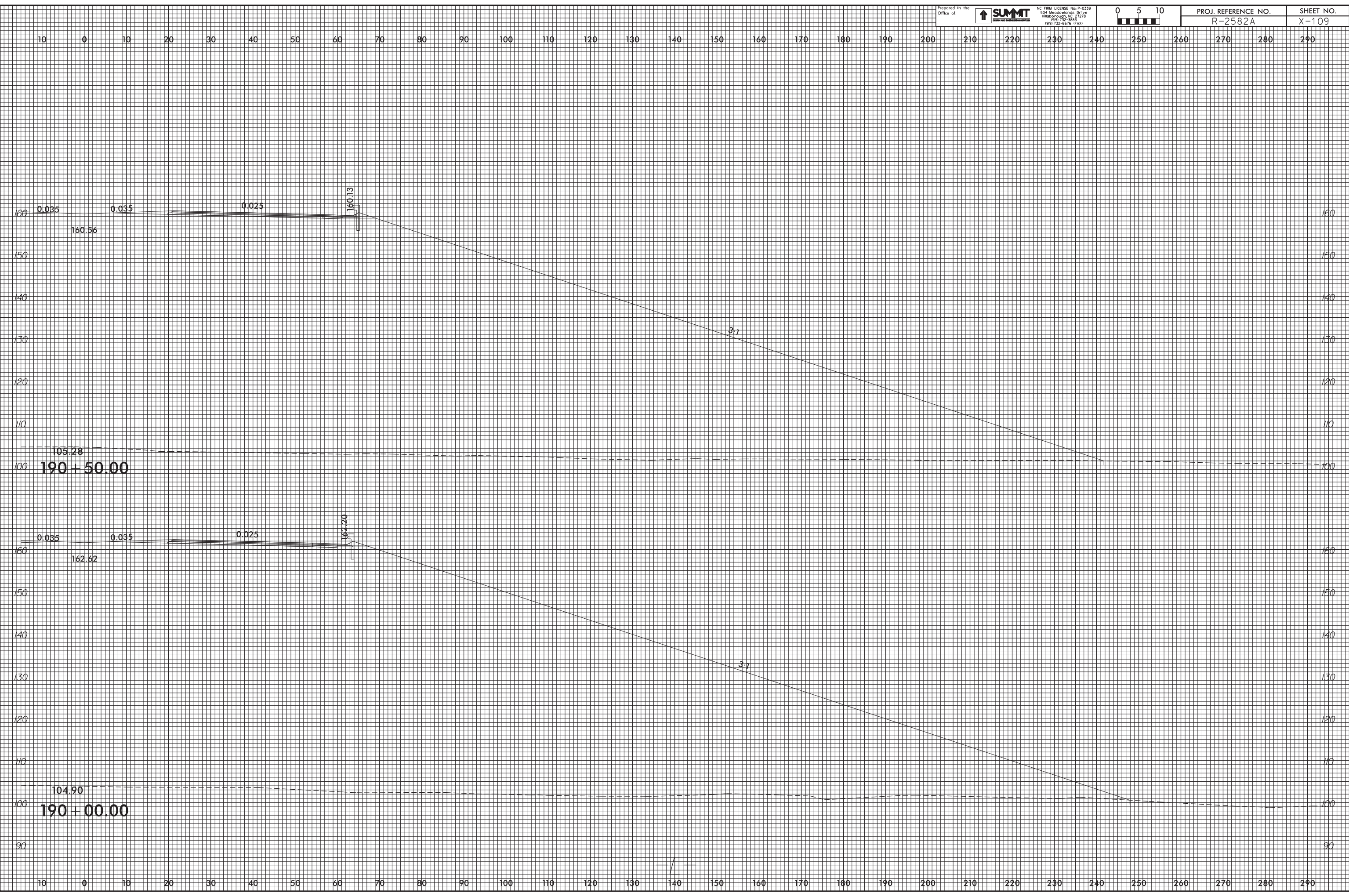


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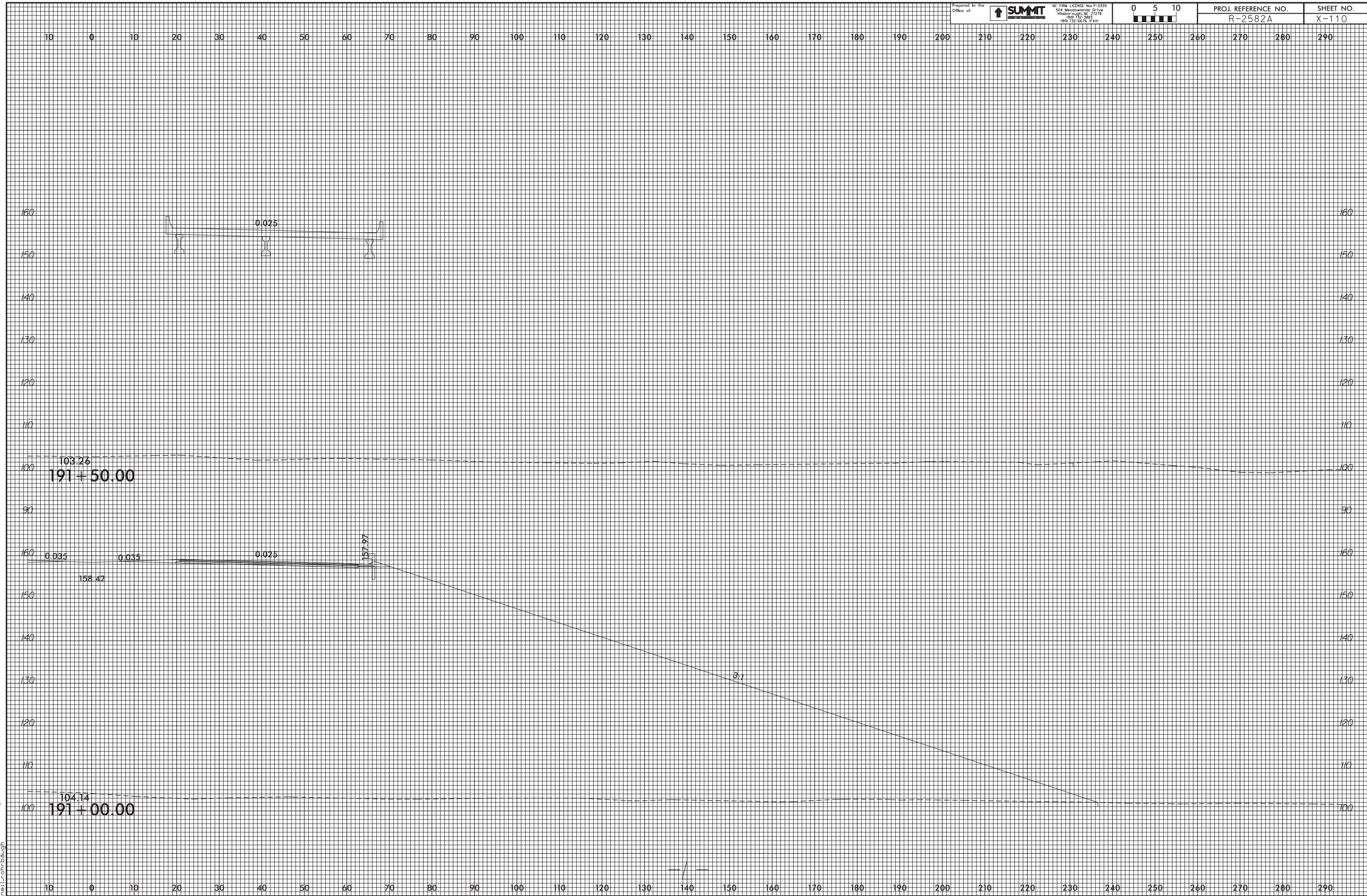


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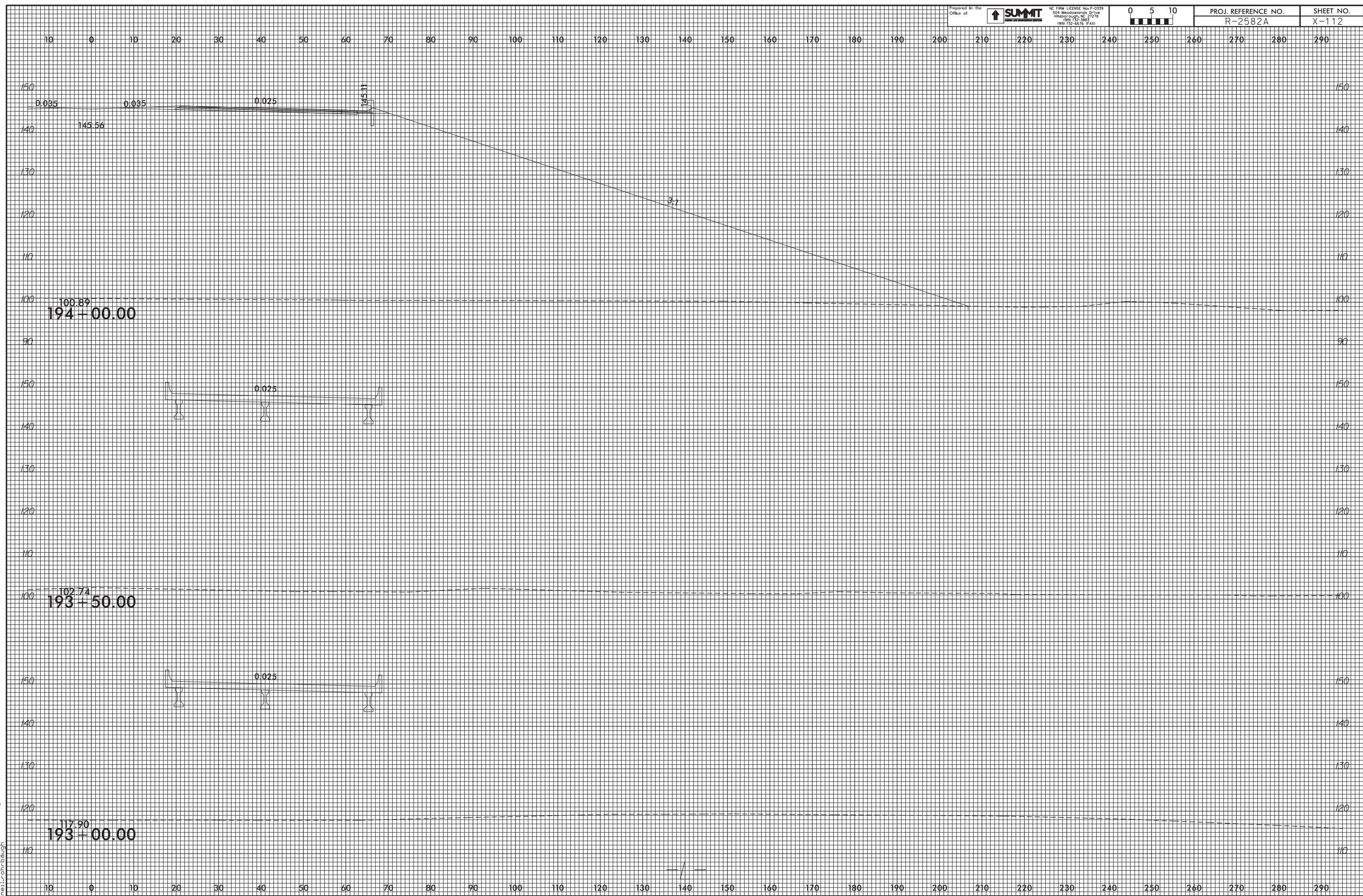
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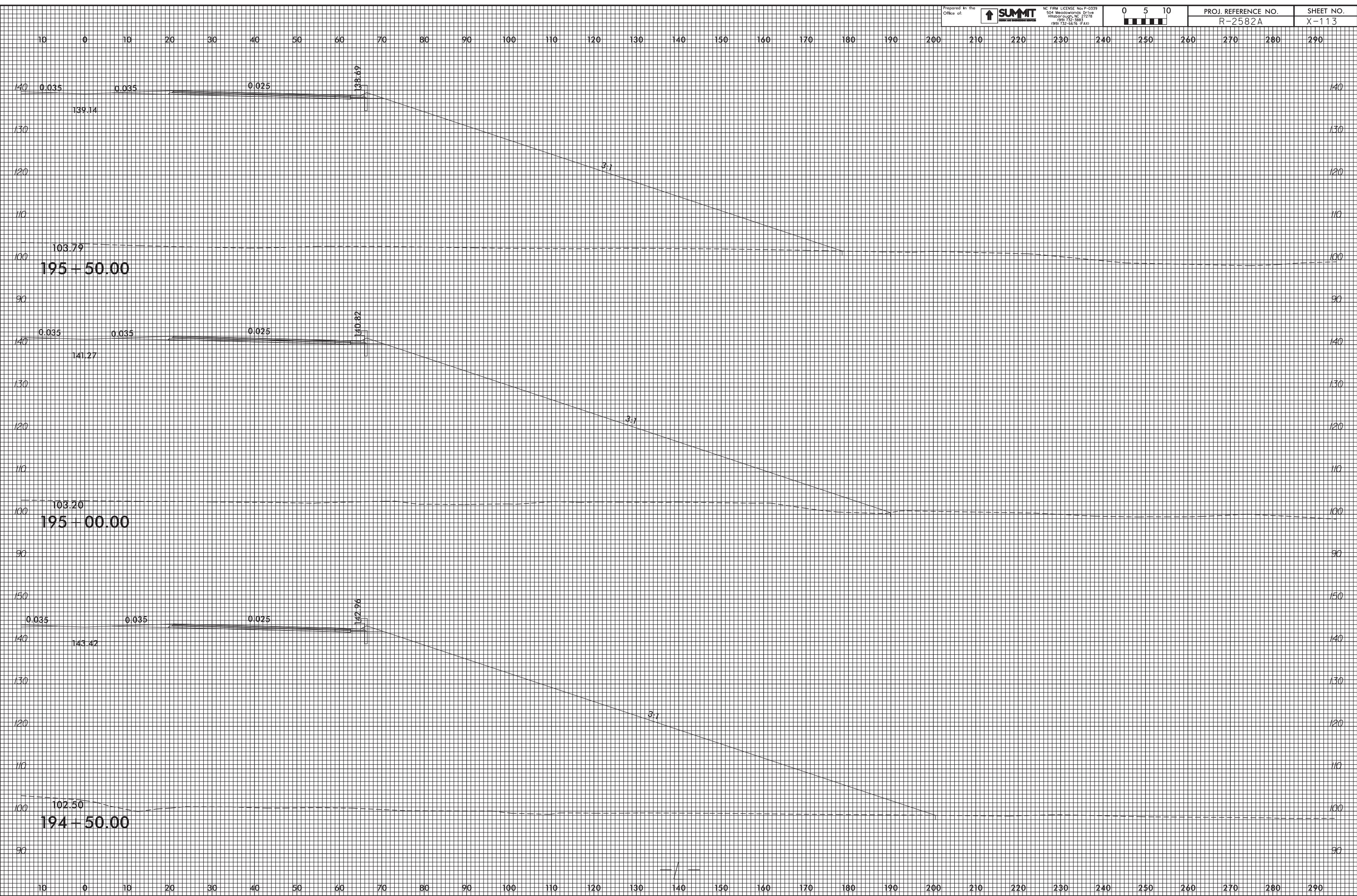


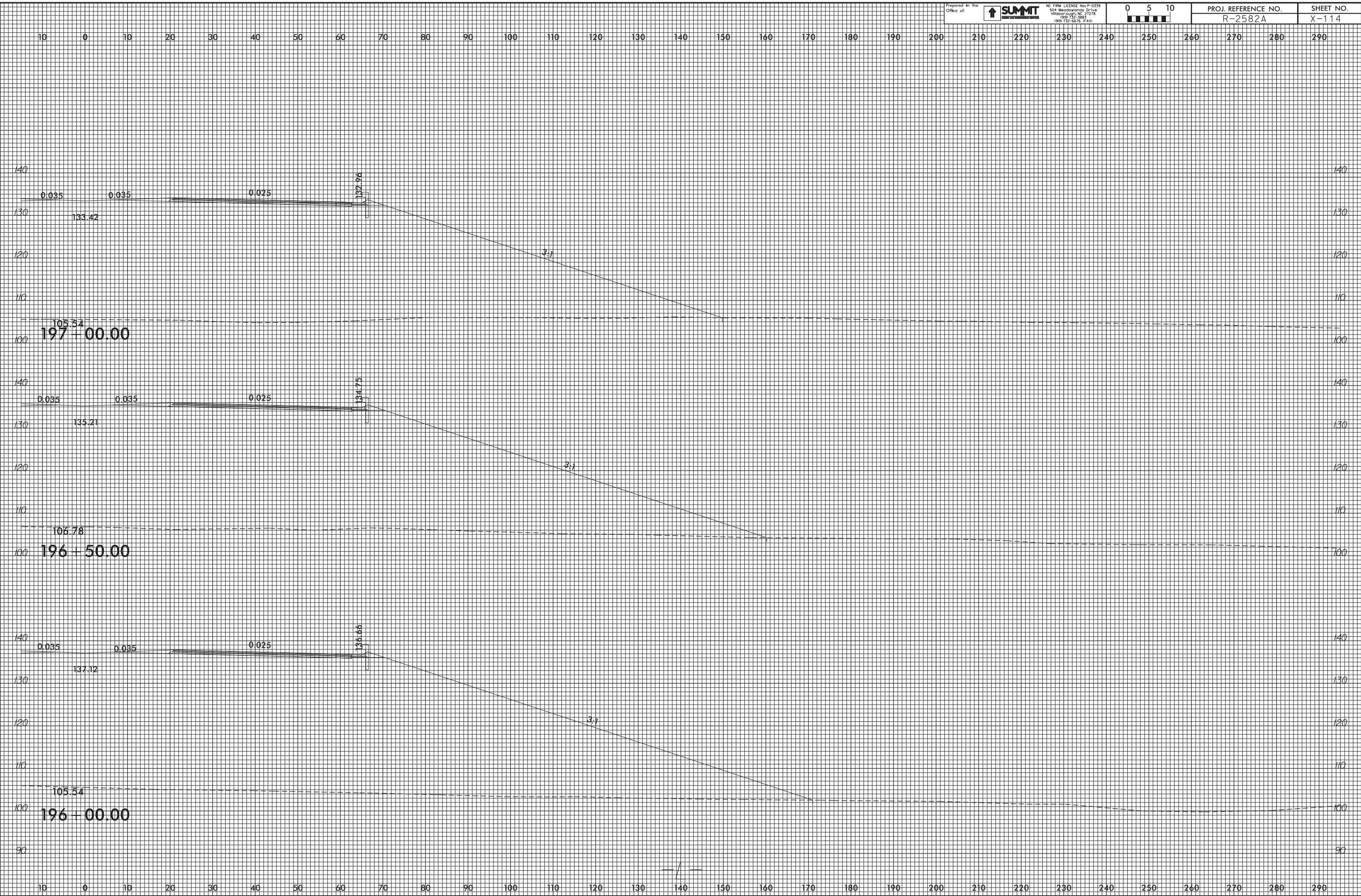
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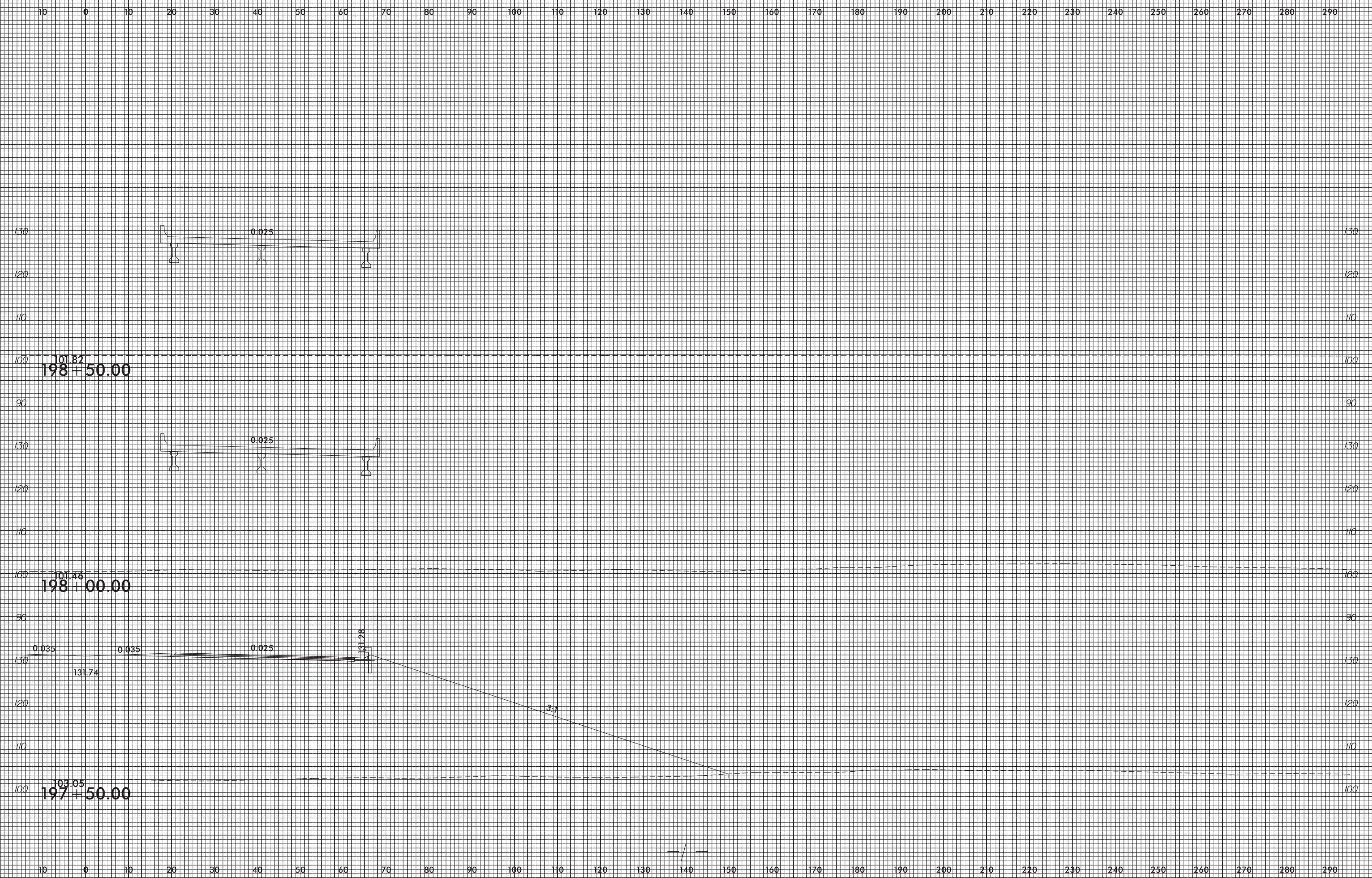


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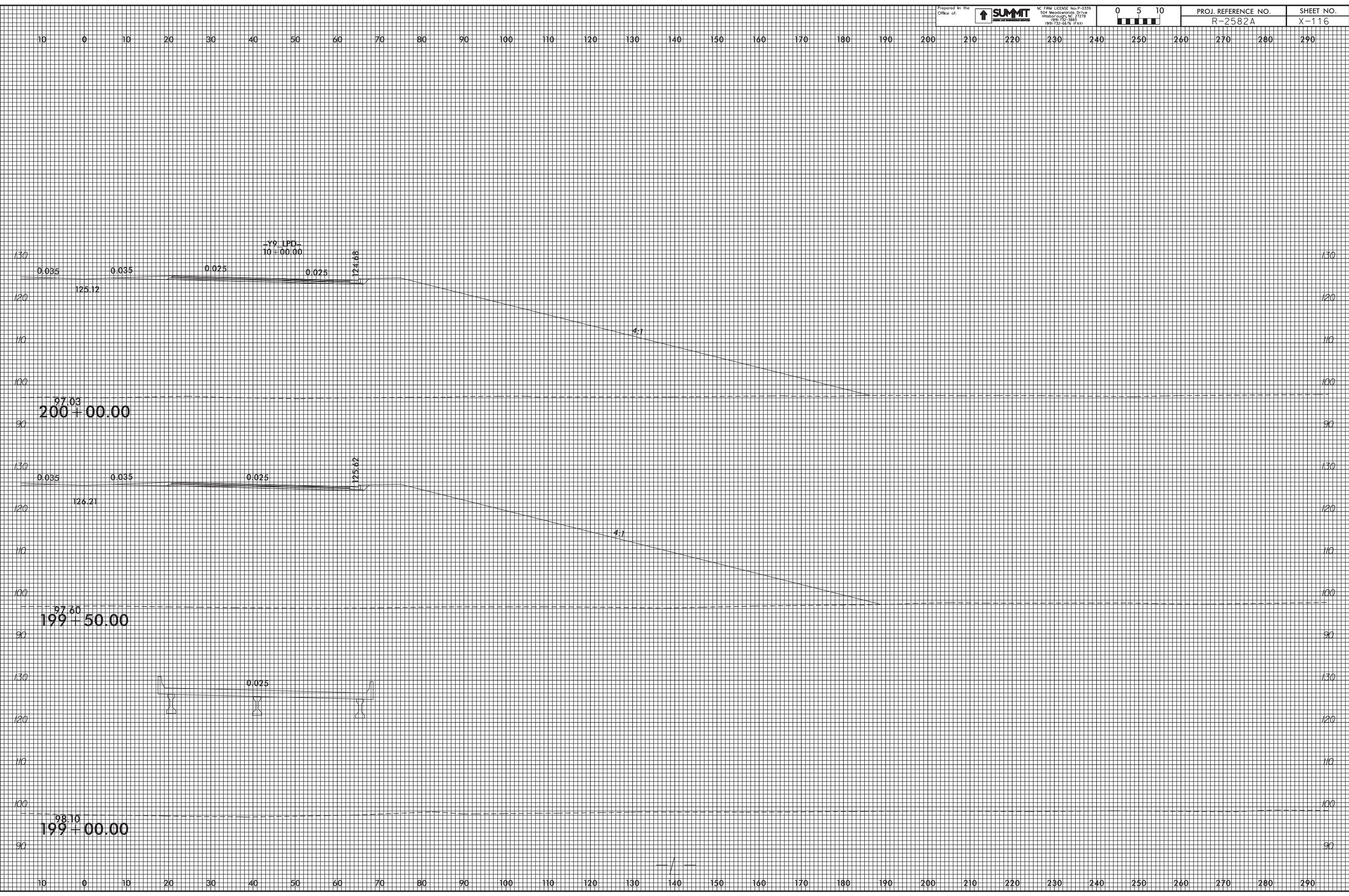




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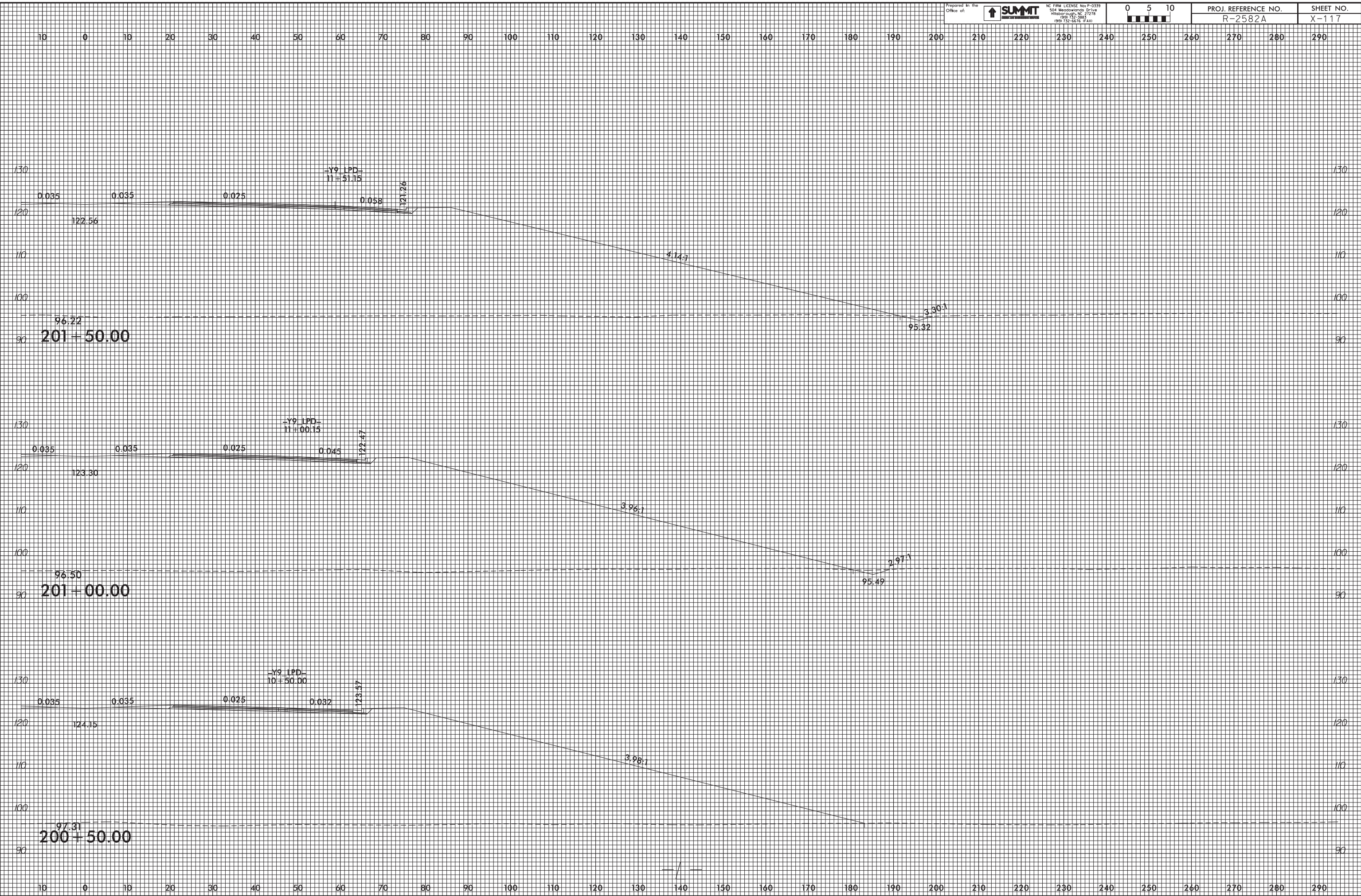


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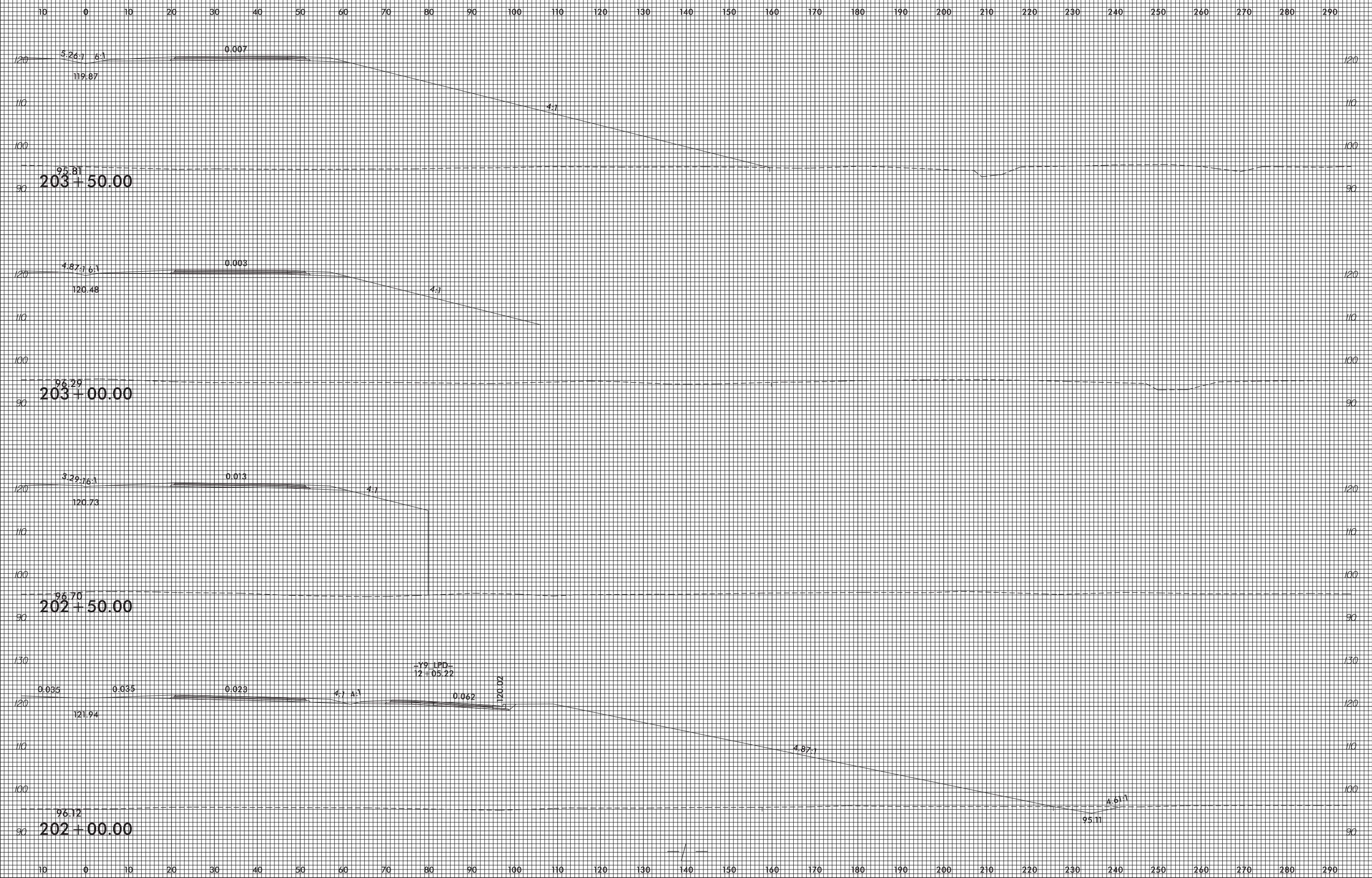


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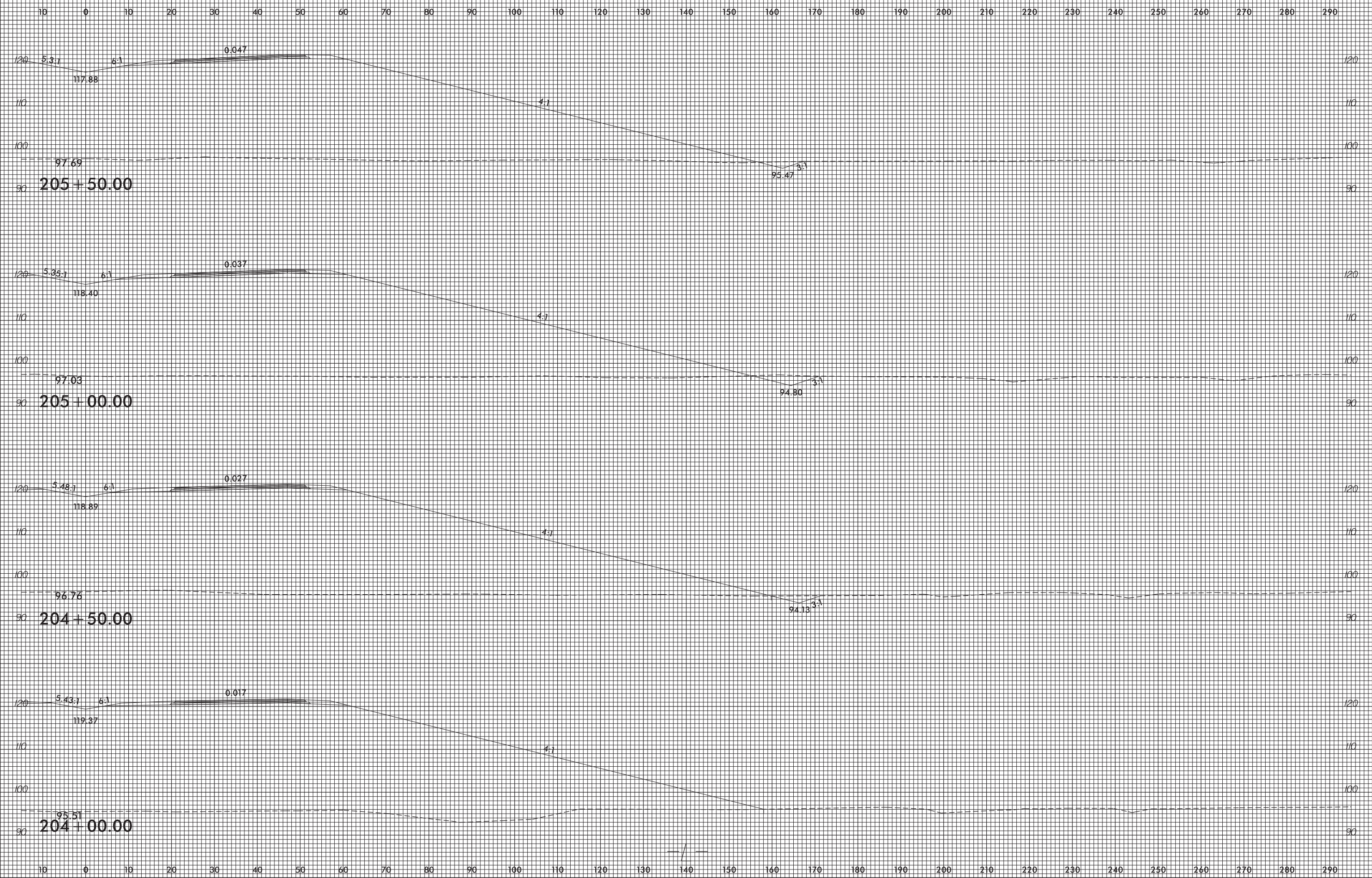




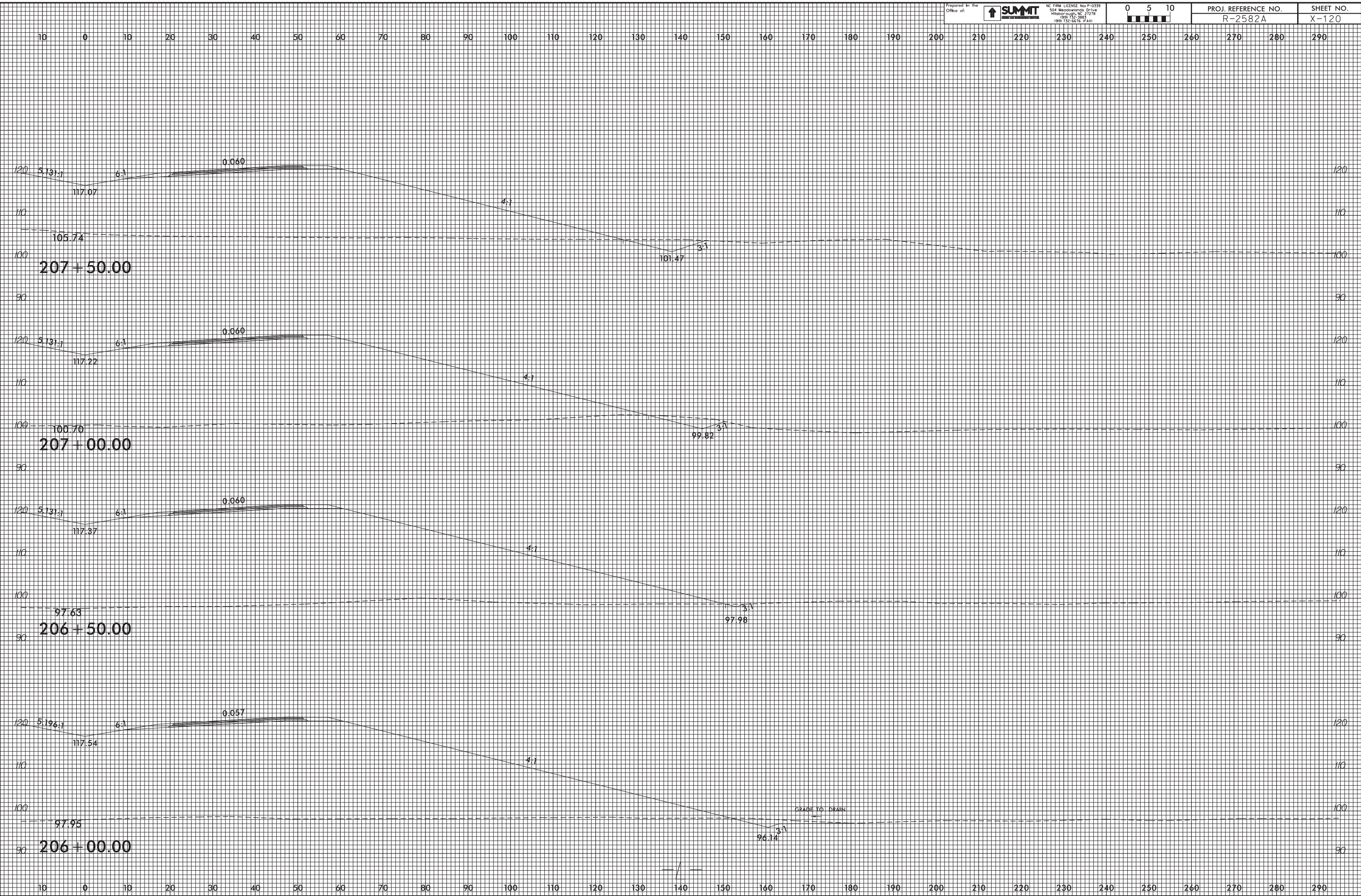
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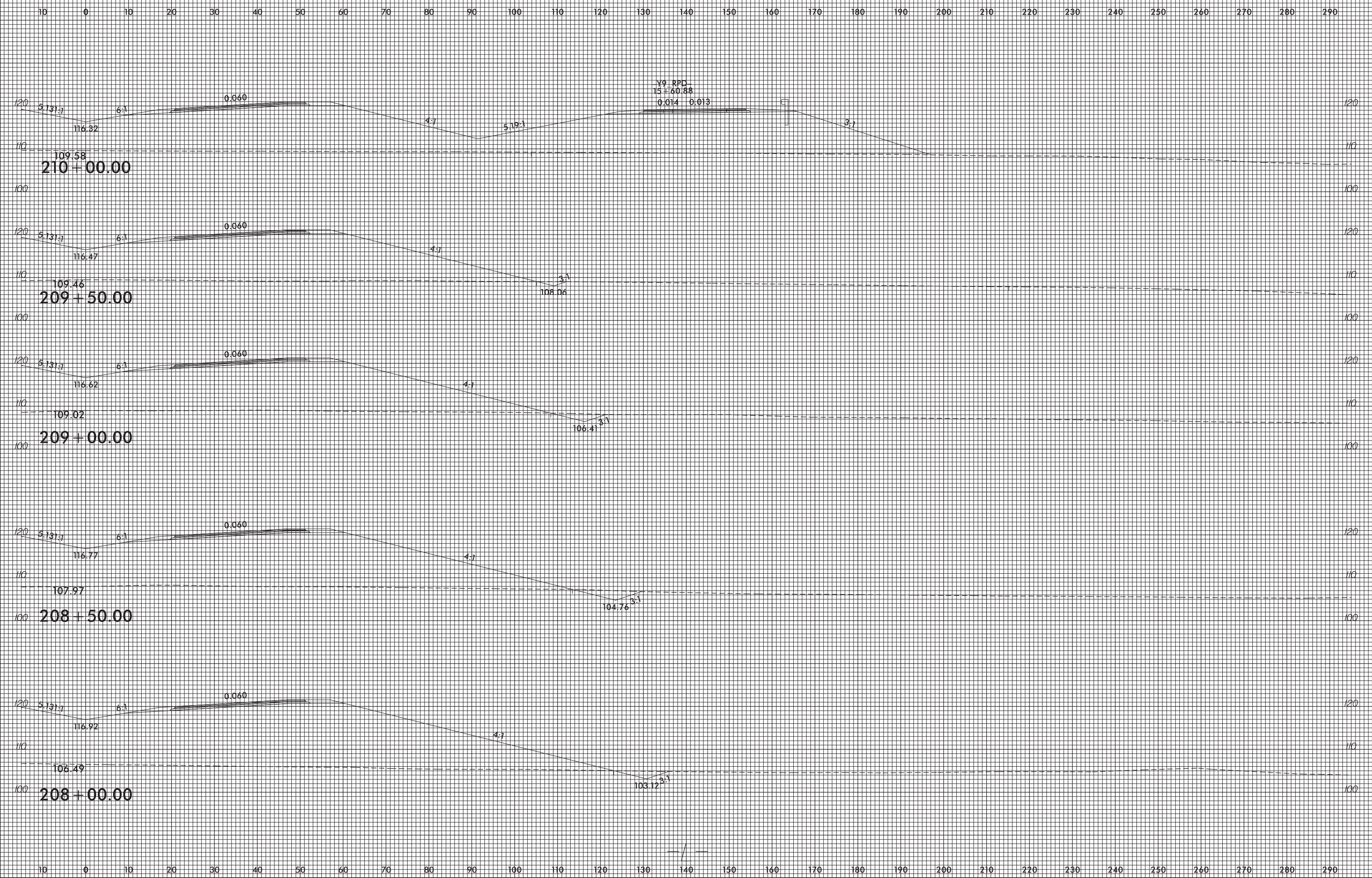
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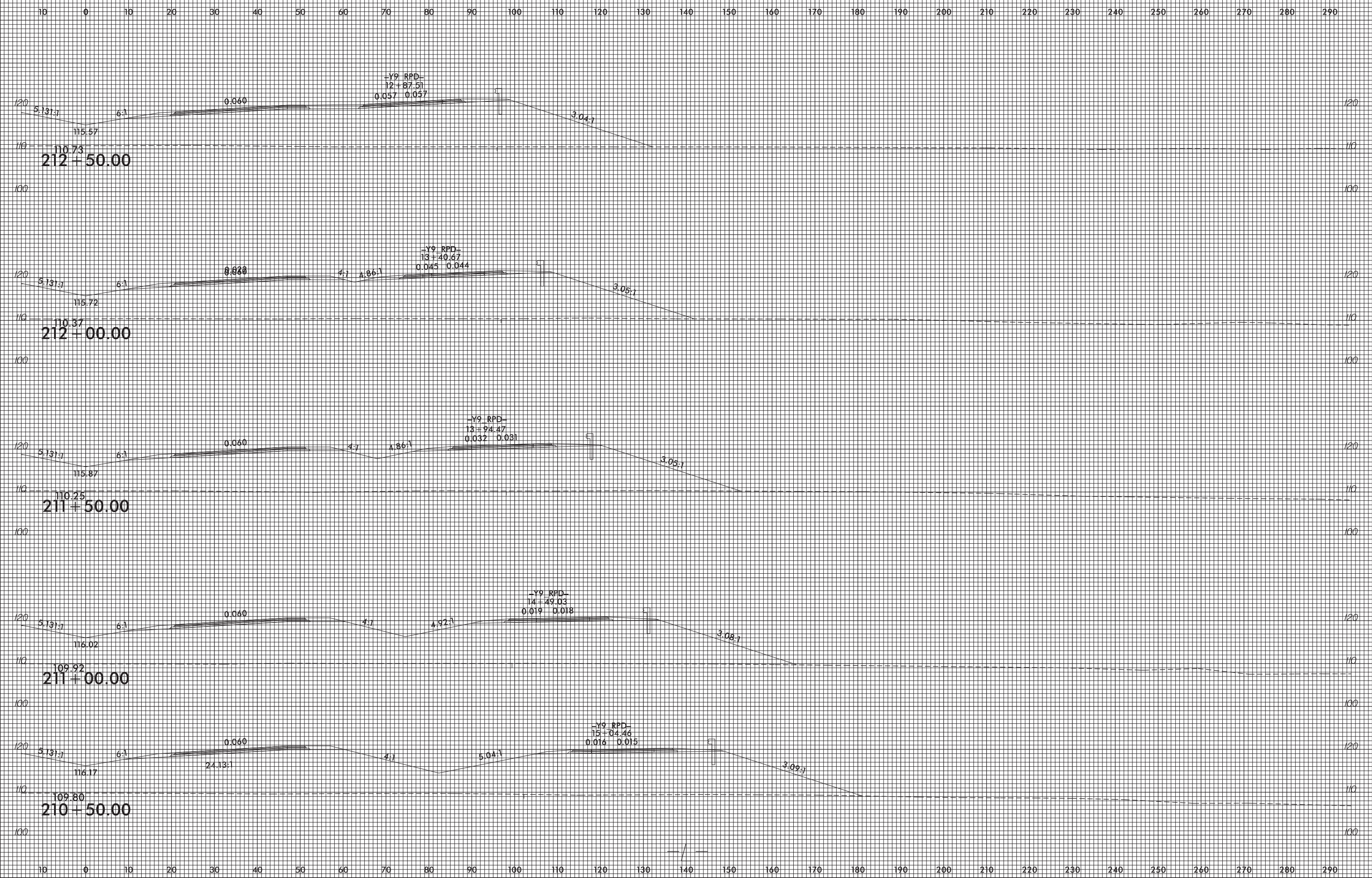
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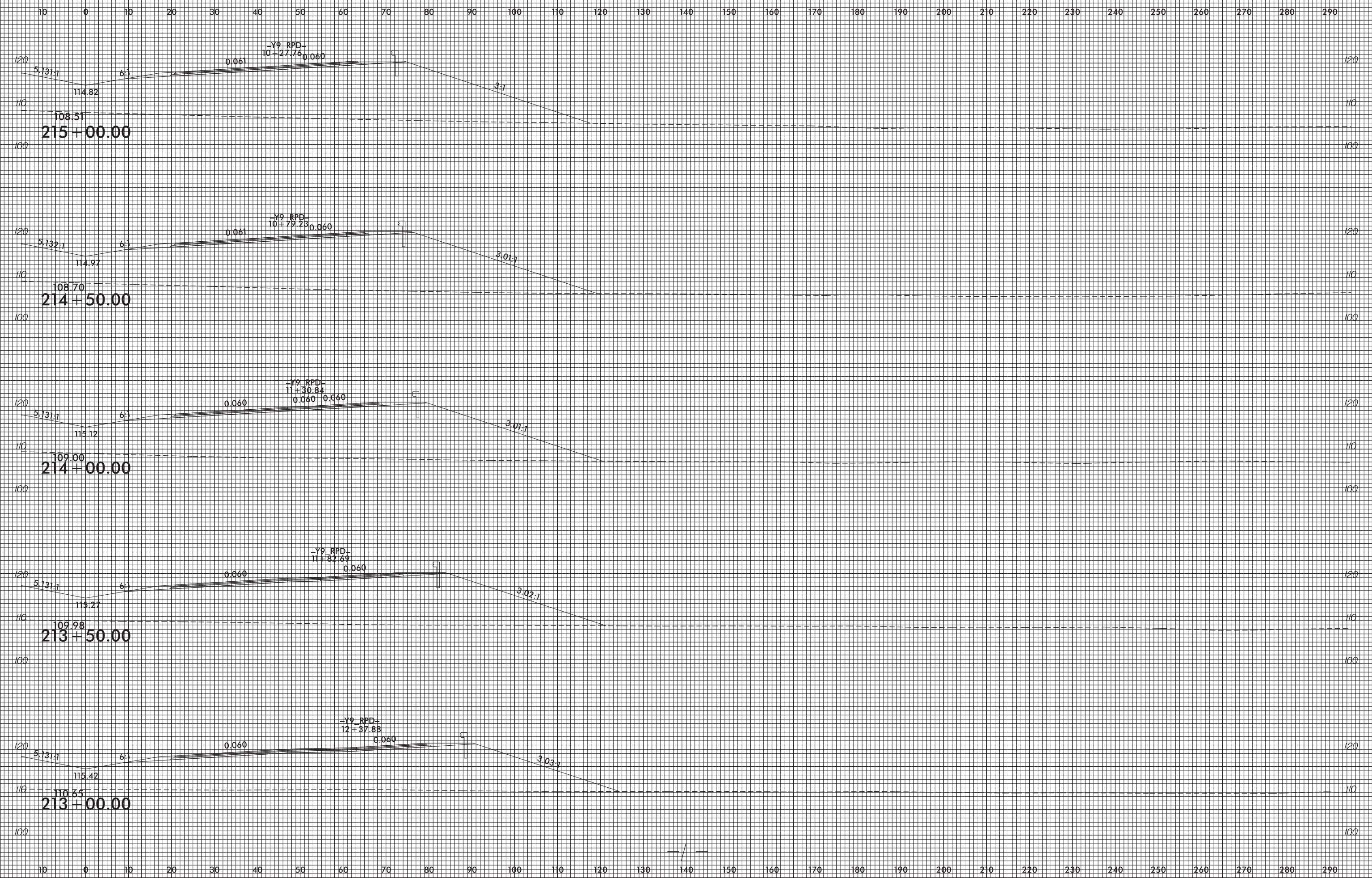
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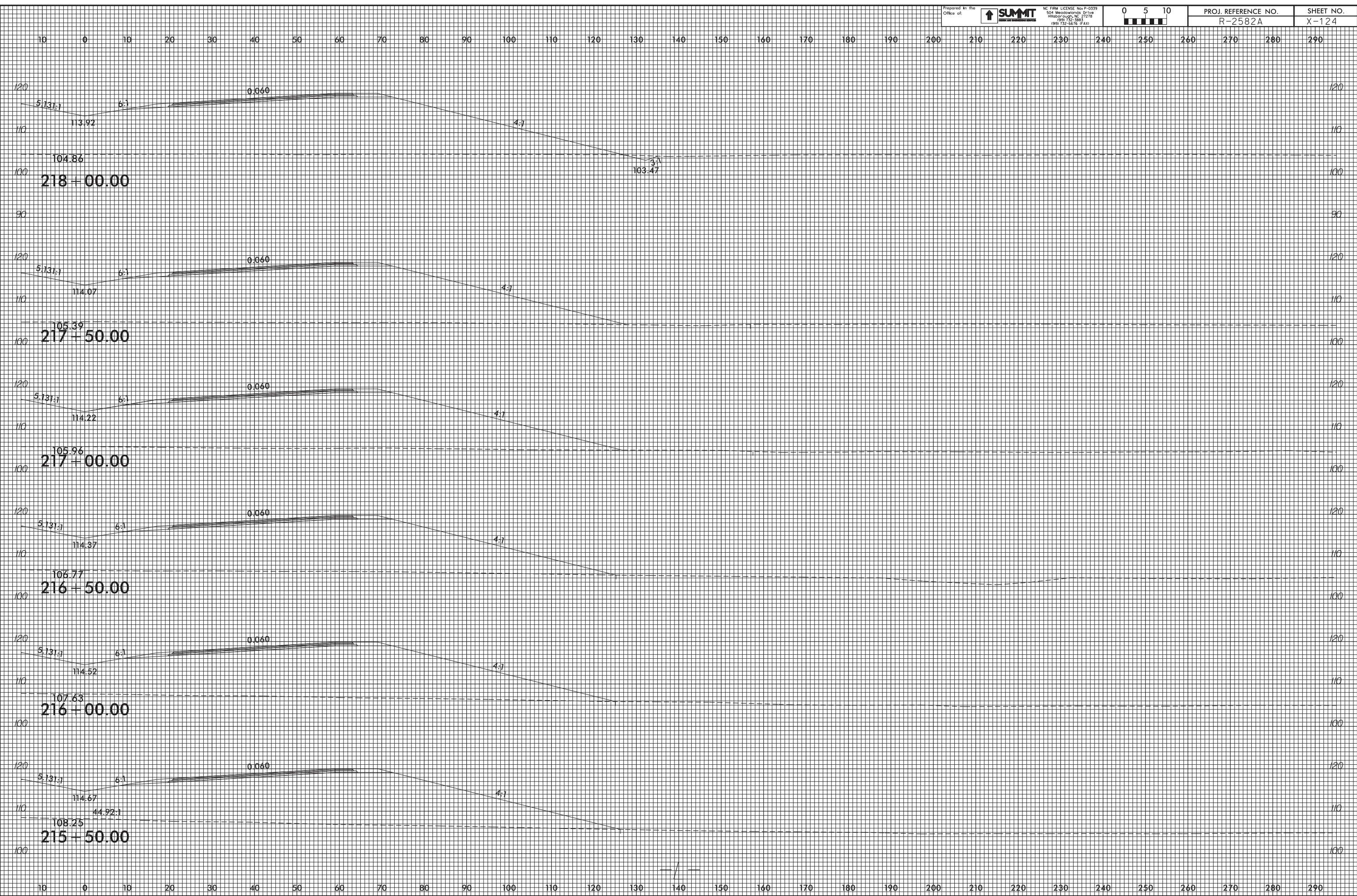
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25-MAR-2019 09:31  
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 mel.r.onr.dwg

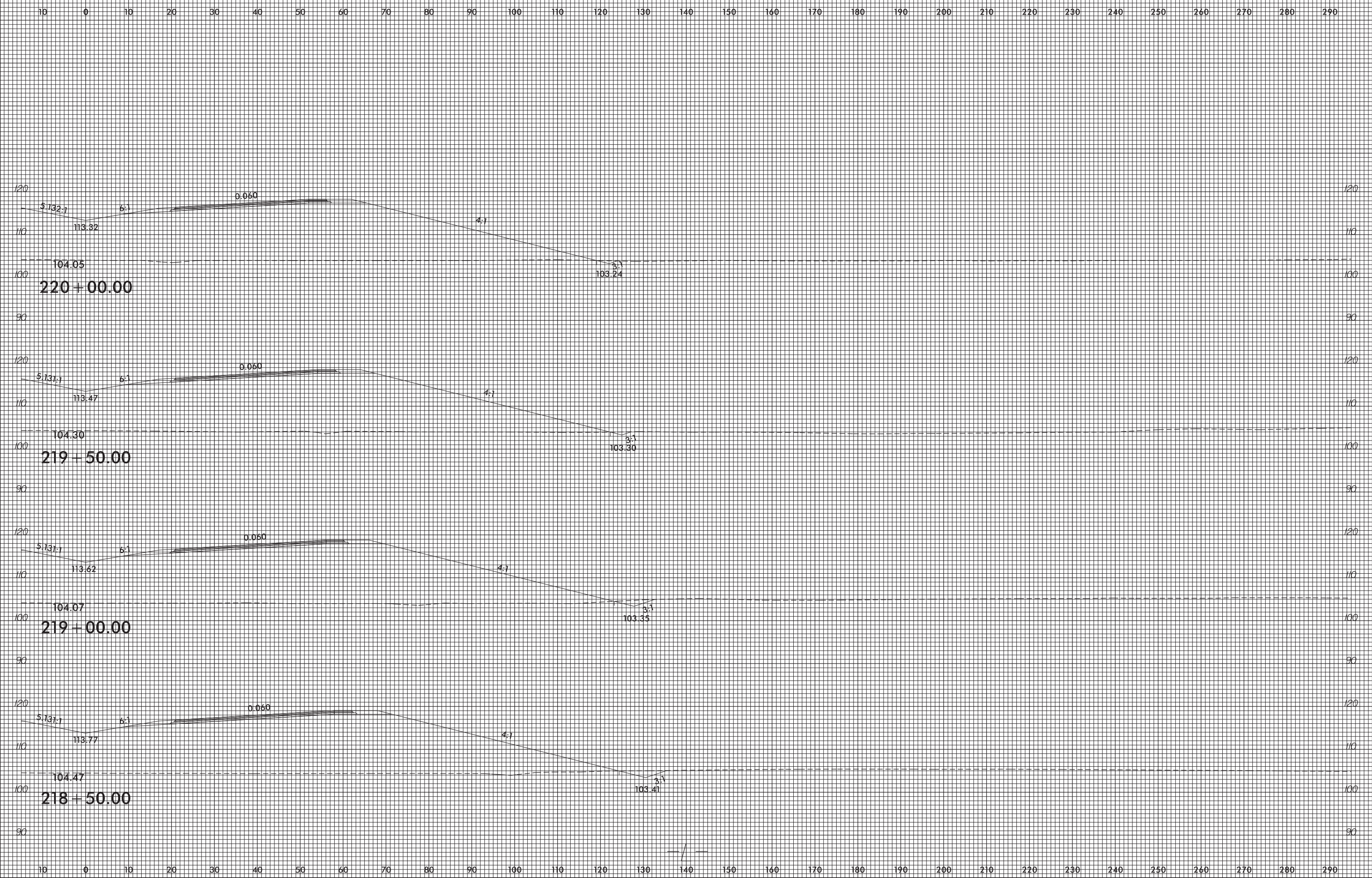


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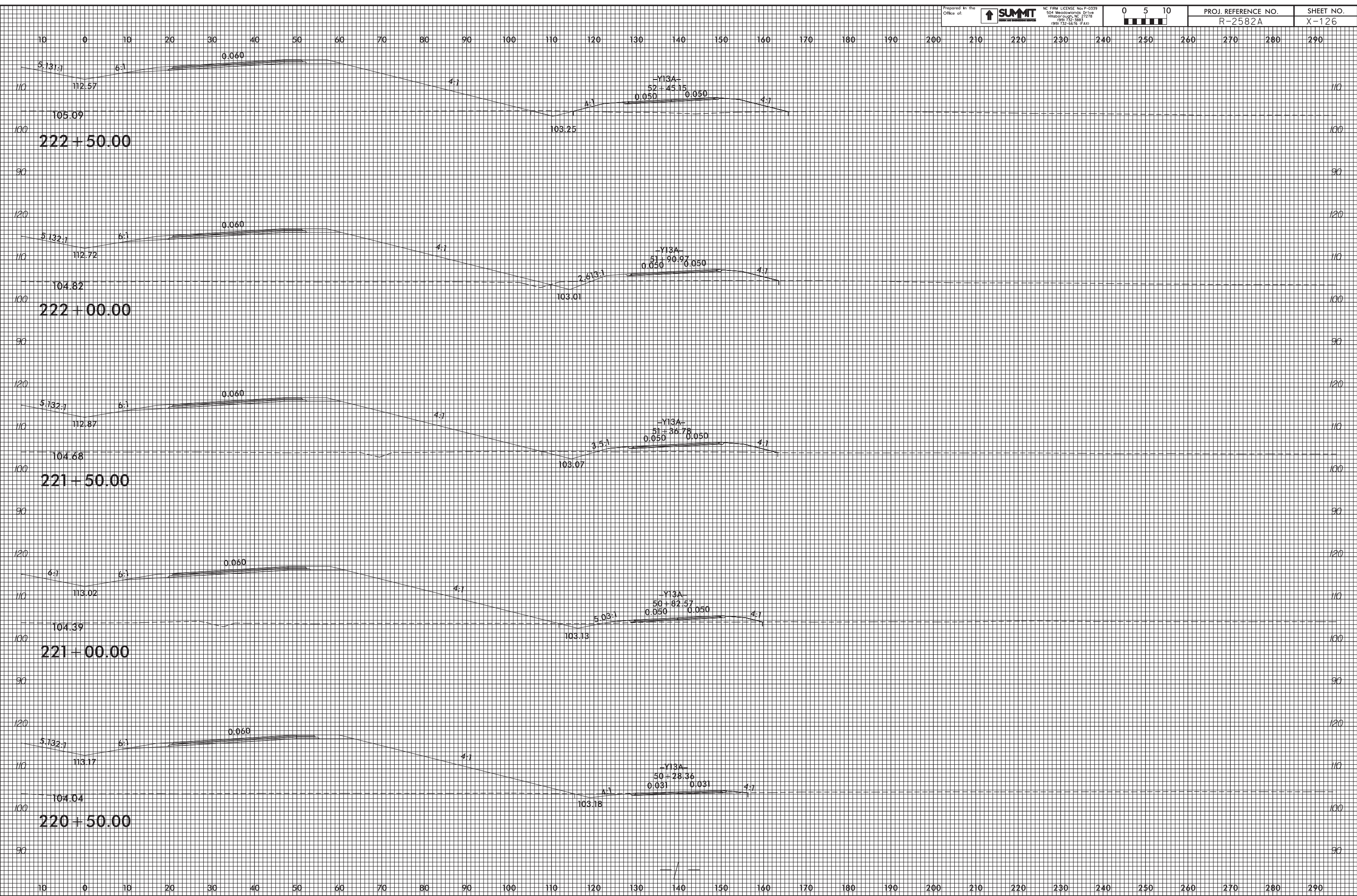


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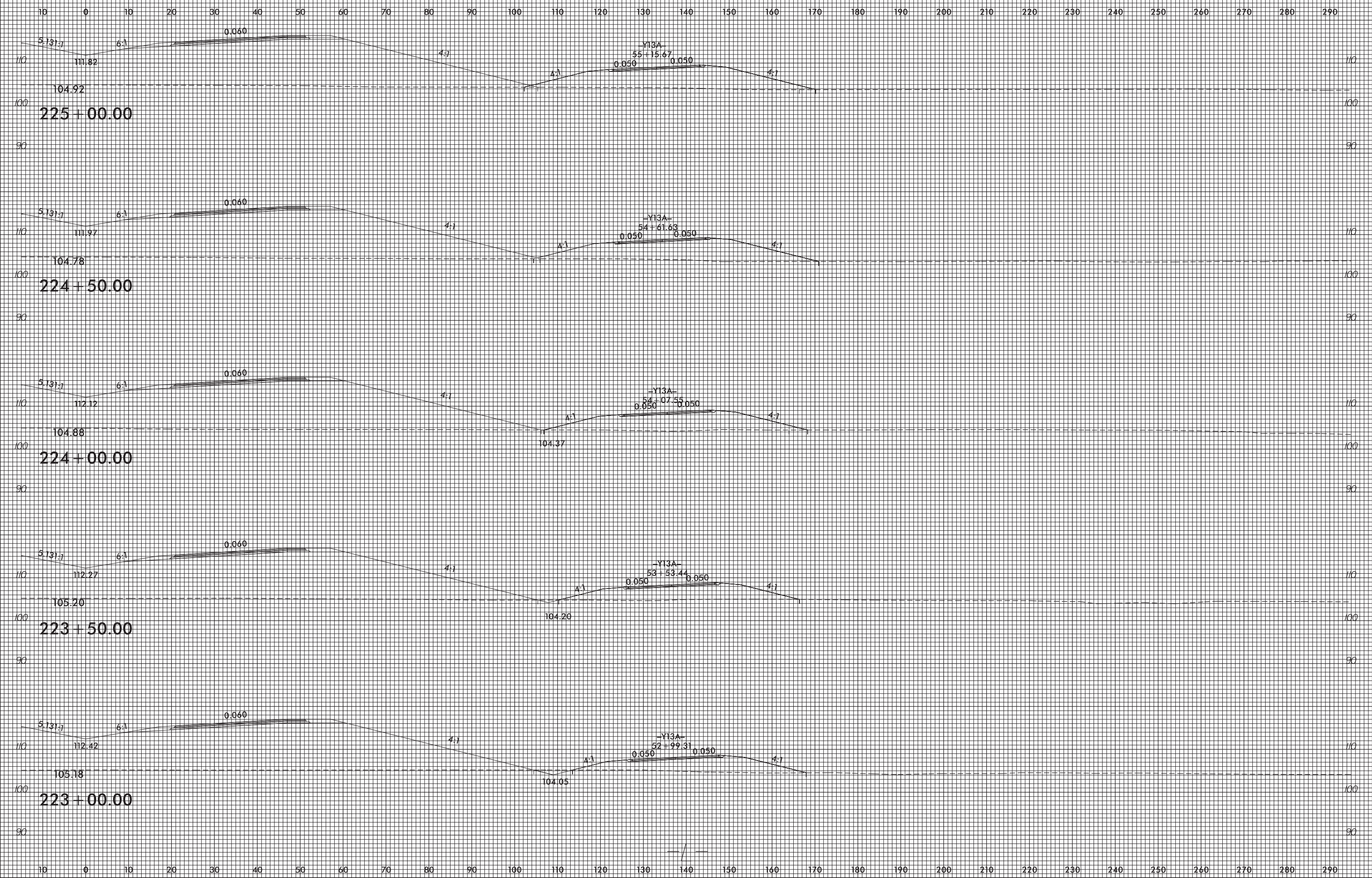




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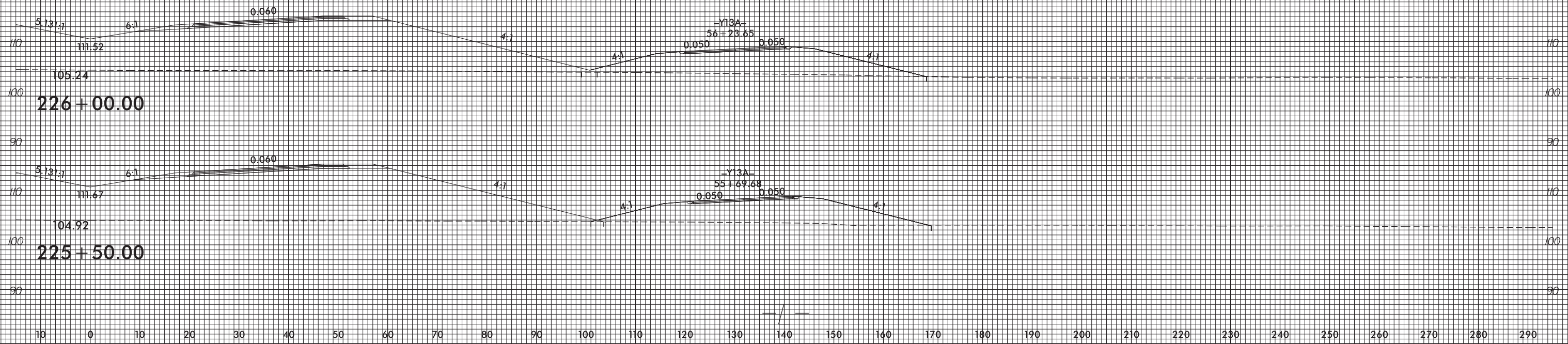


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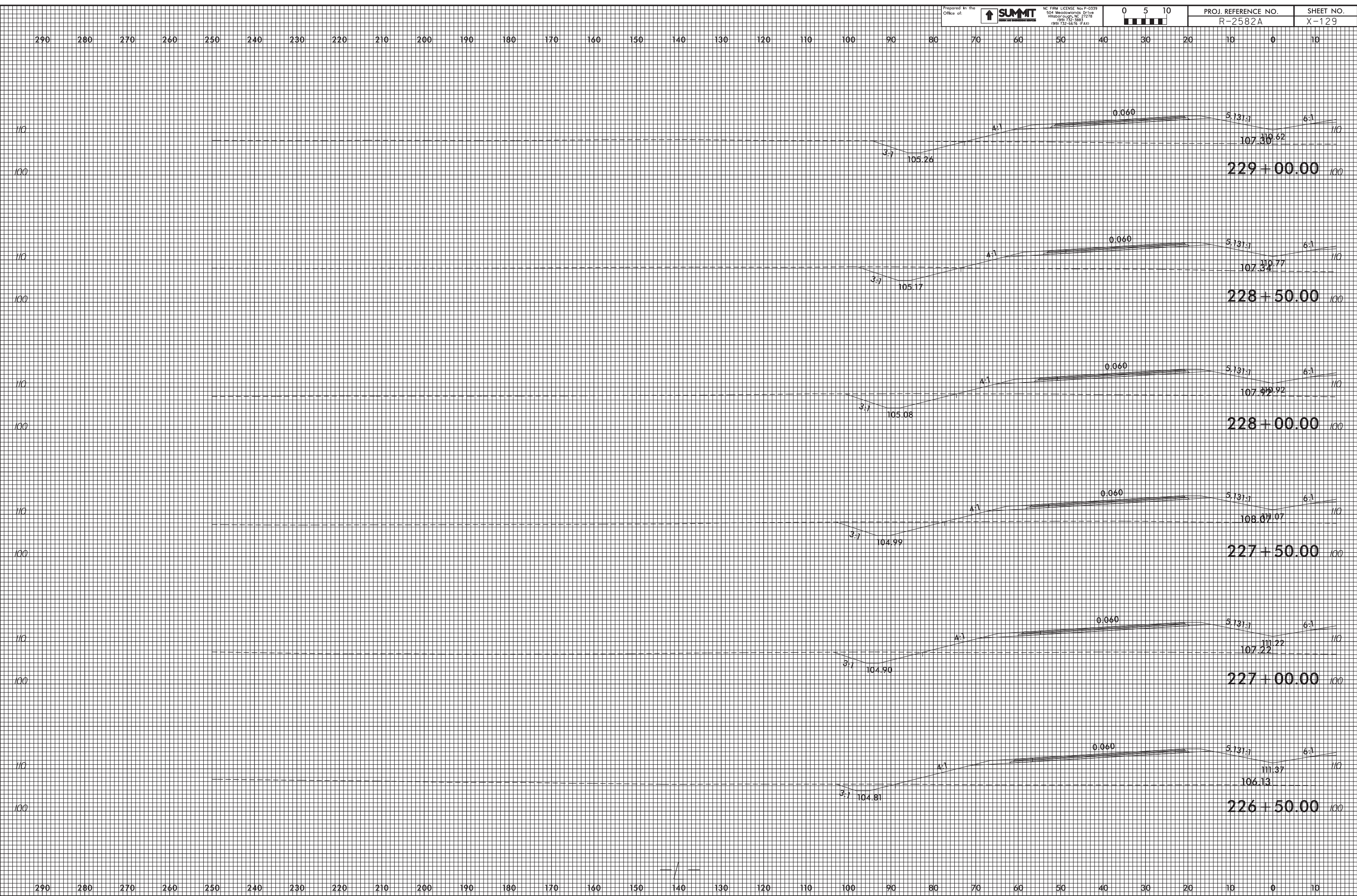


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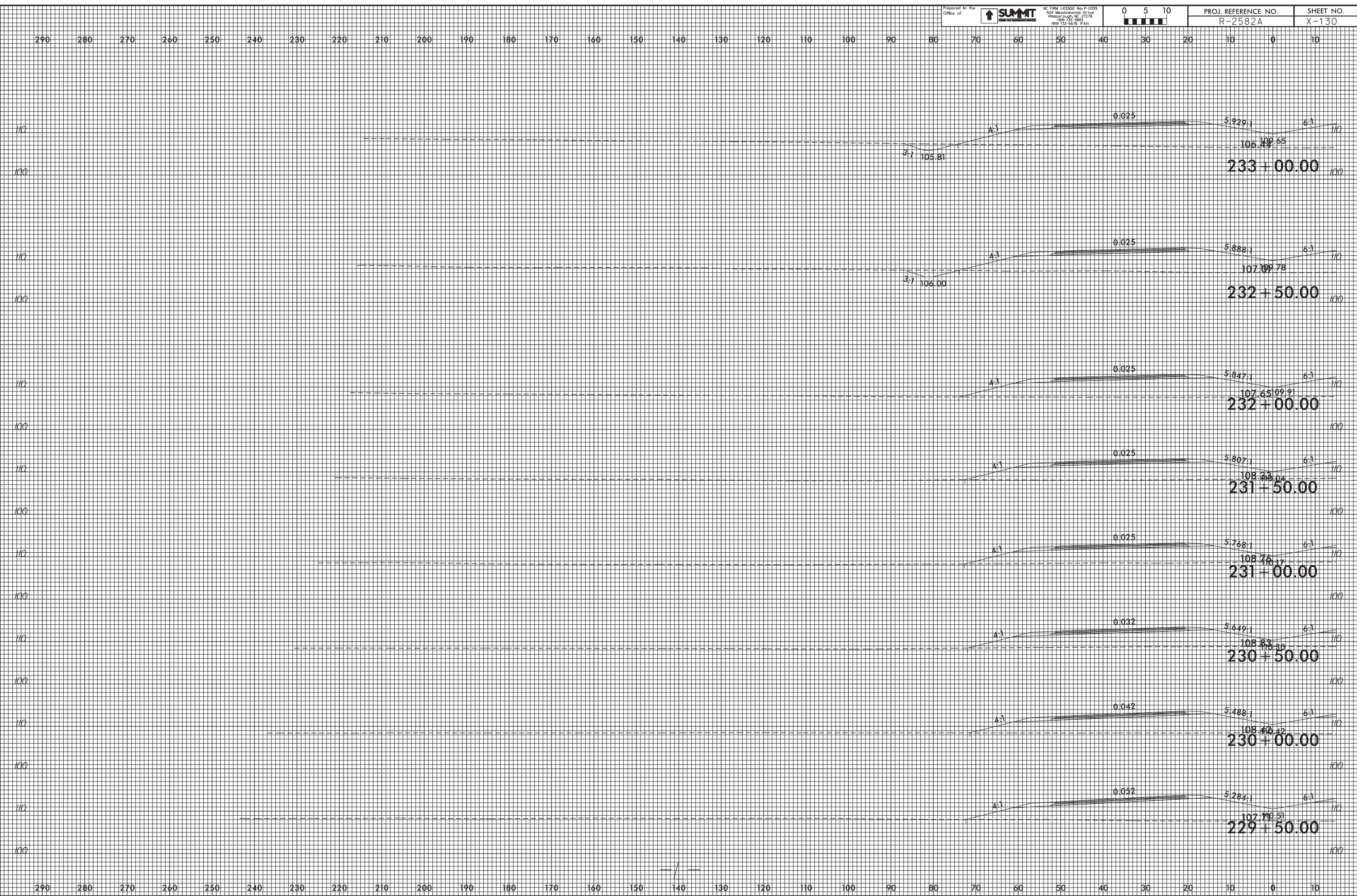
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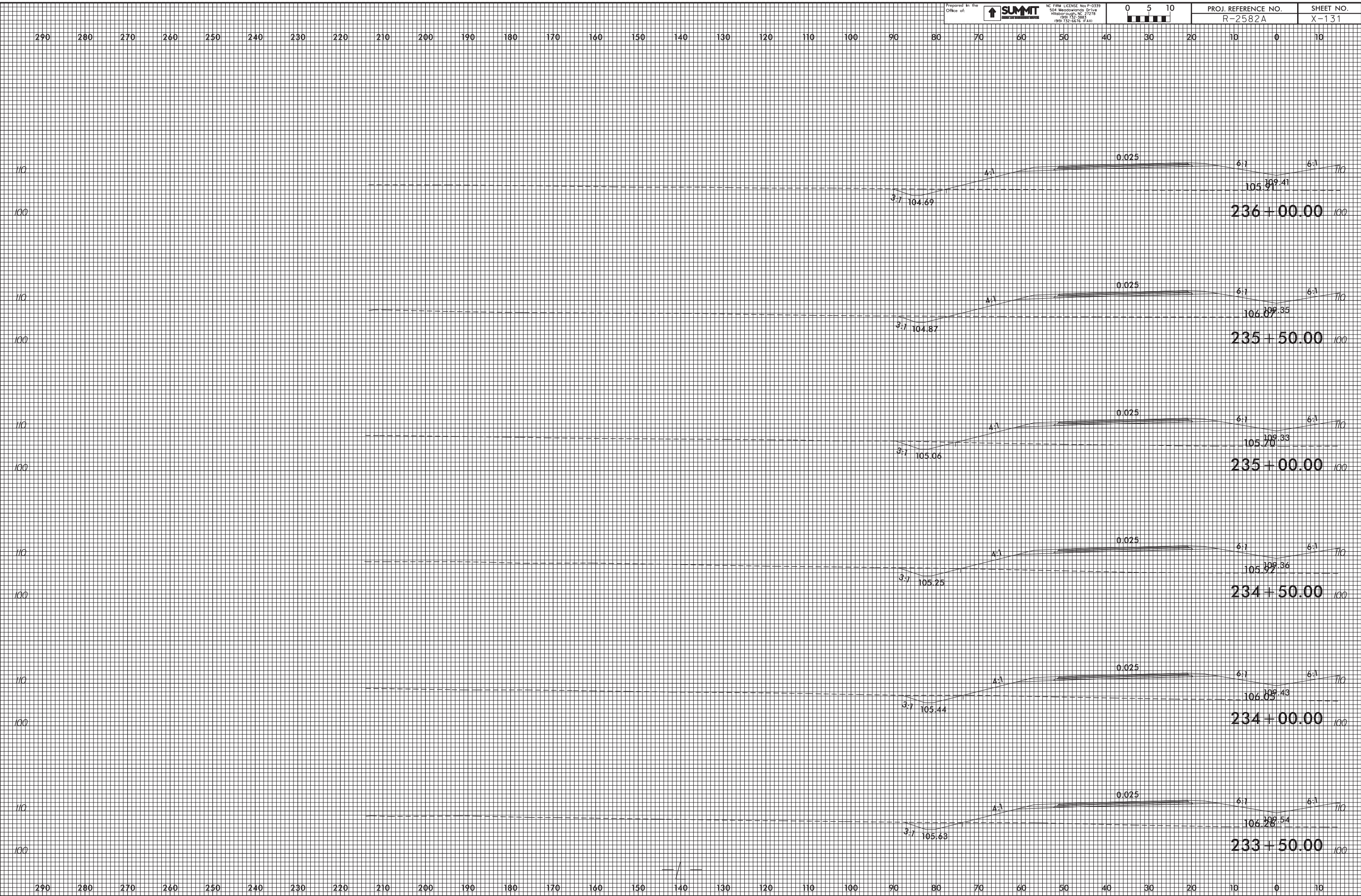
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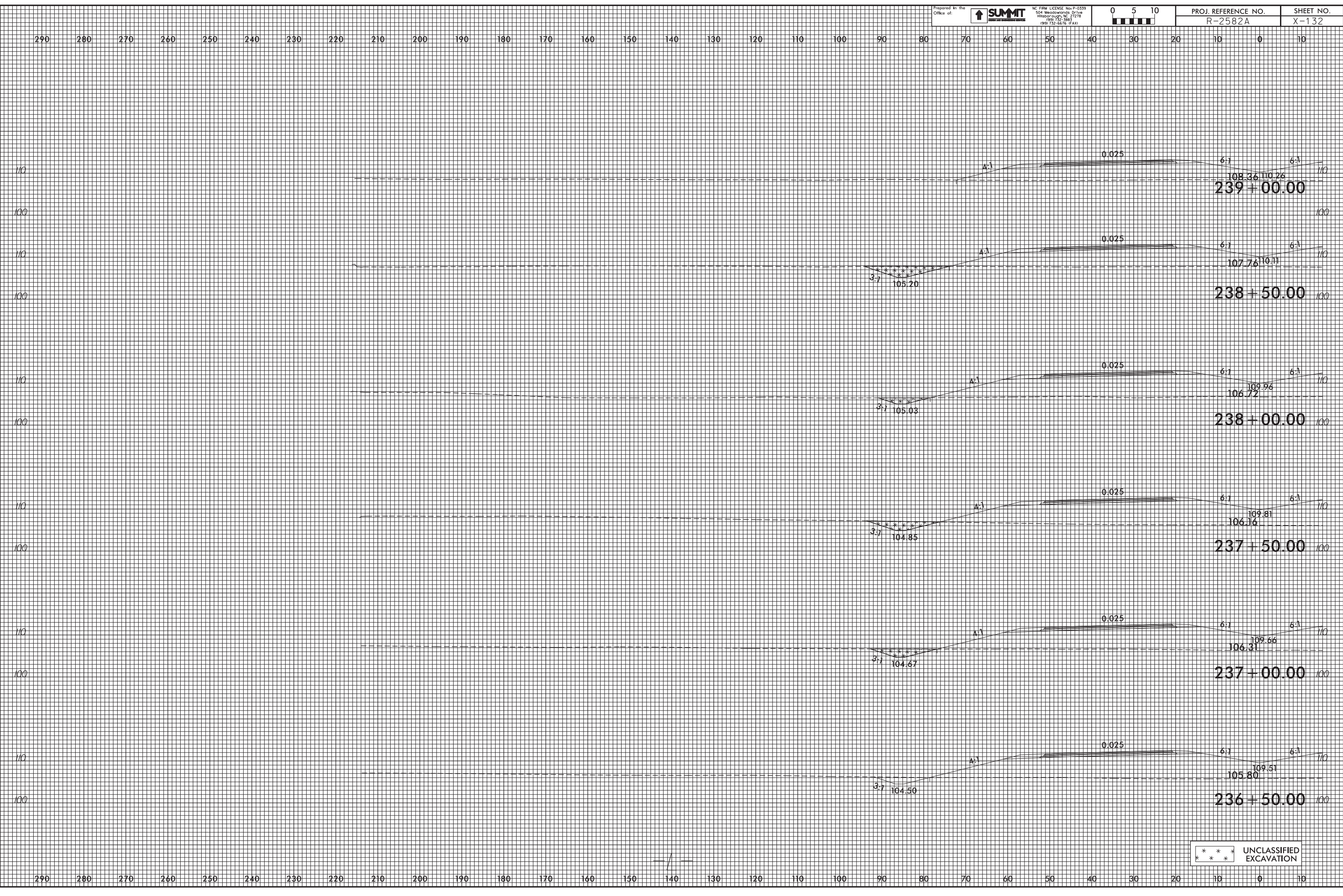
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25-MAR-2009 12:00  
 R2582A\_P04a.Xpl.Lle LT.dgn  
 mel.rondagh



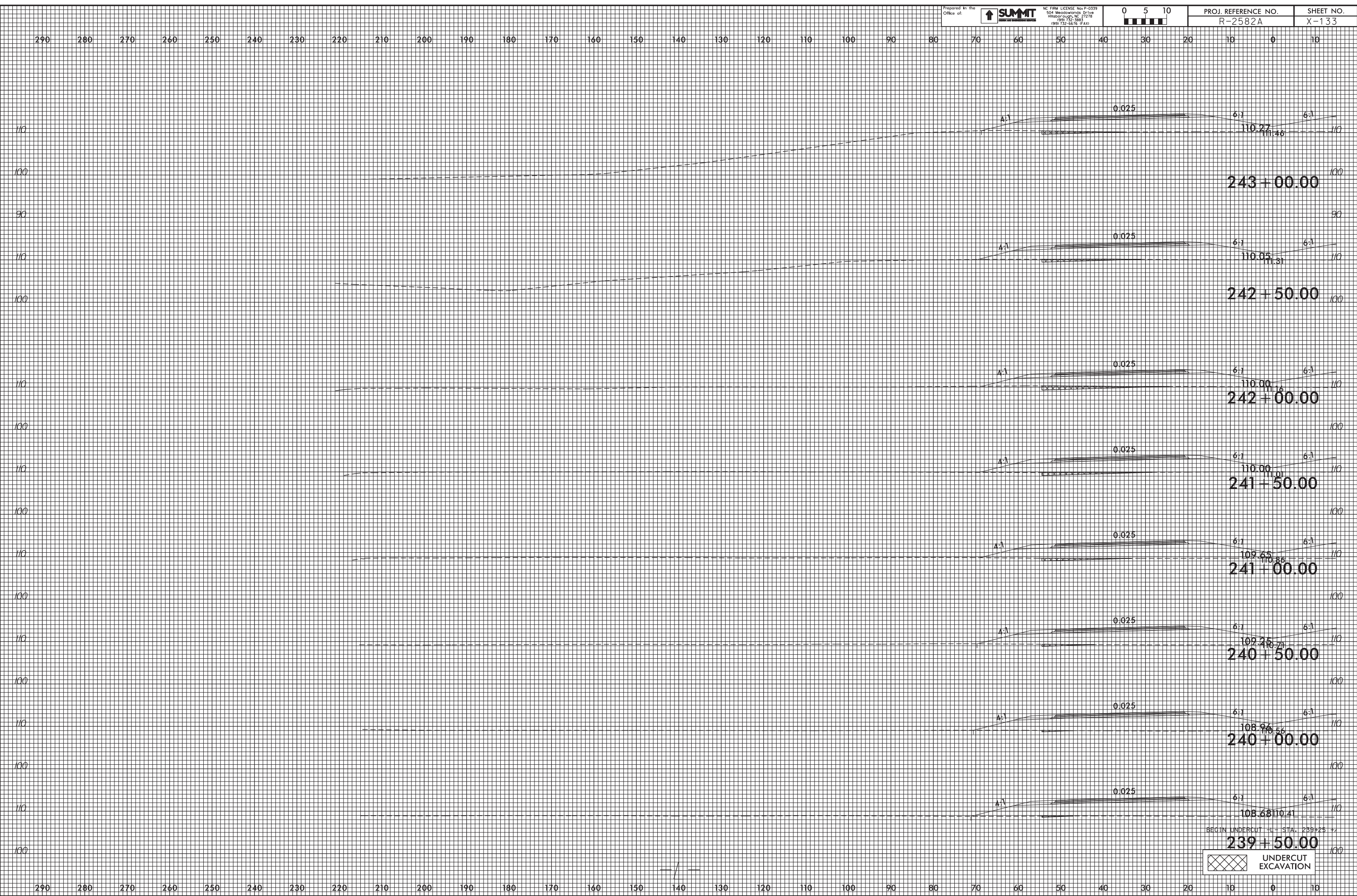
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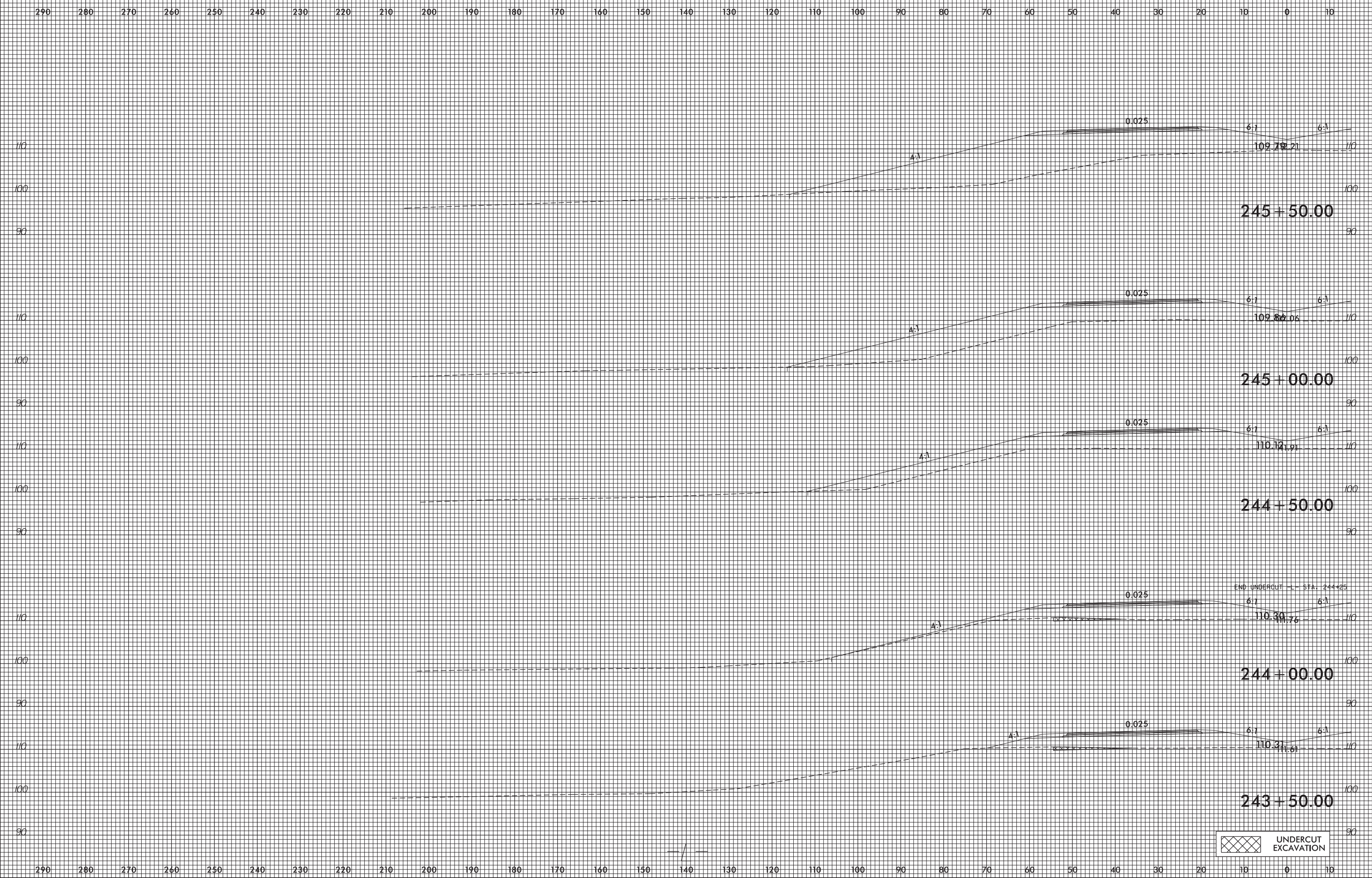
\* \* \* UNCLASSIFIED EXCAVATION

25-MAR-2019 15:00  
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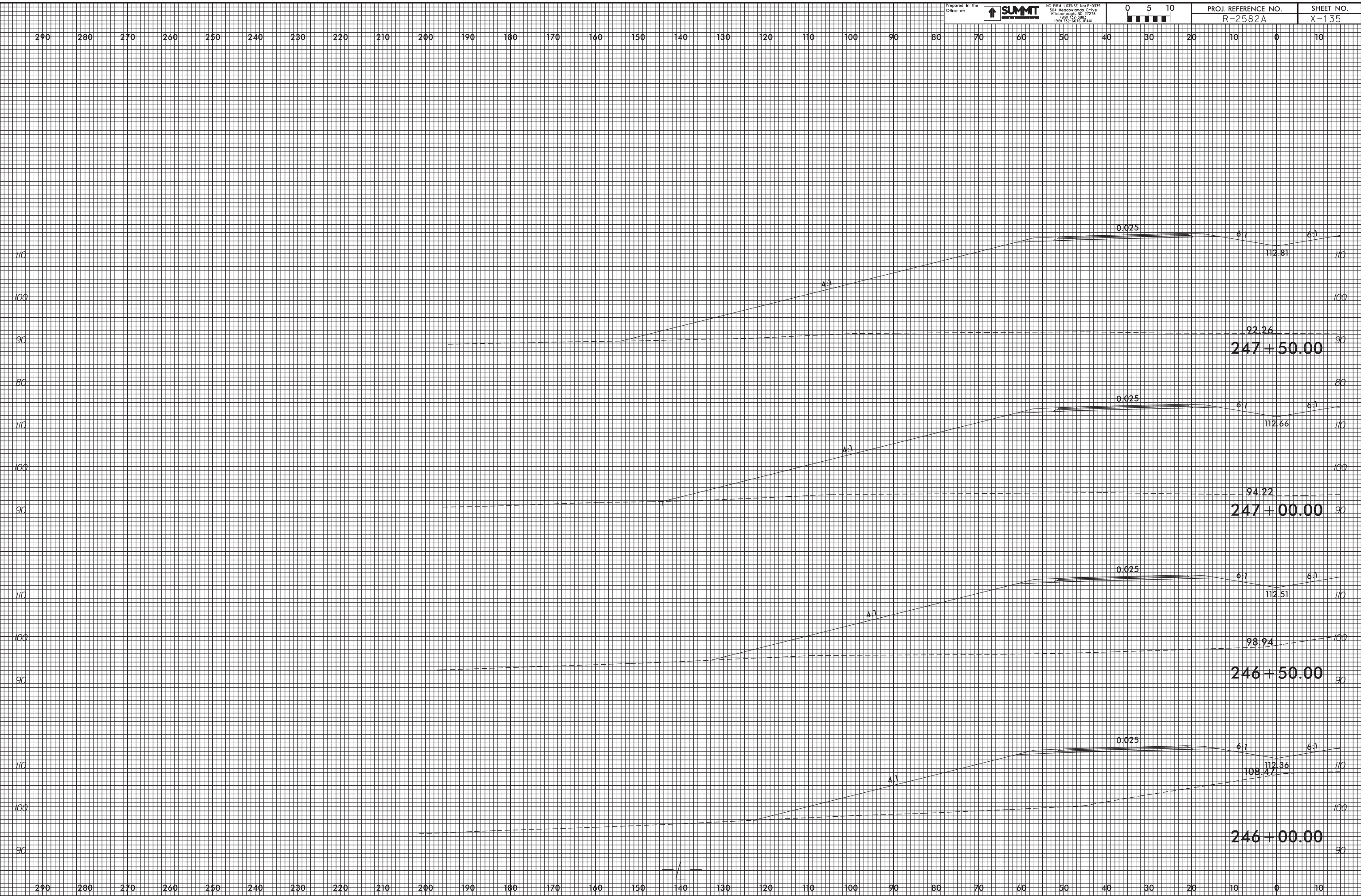




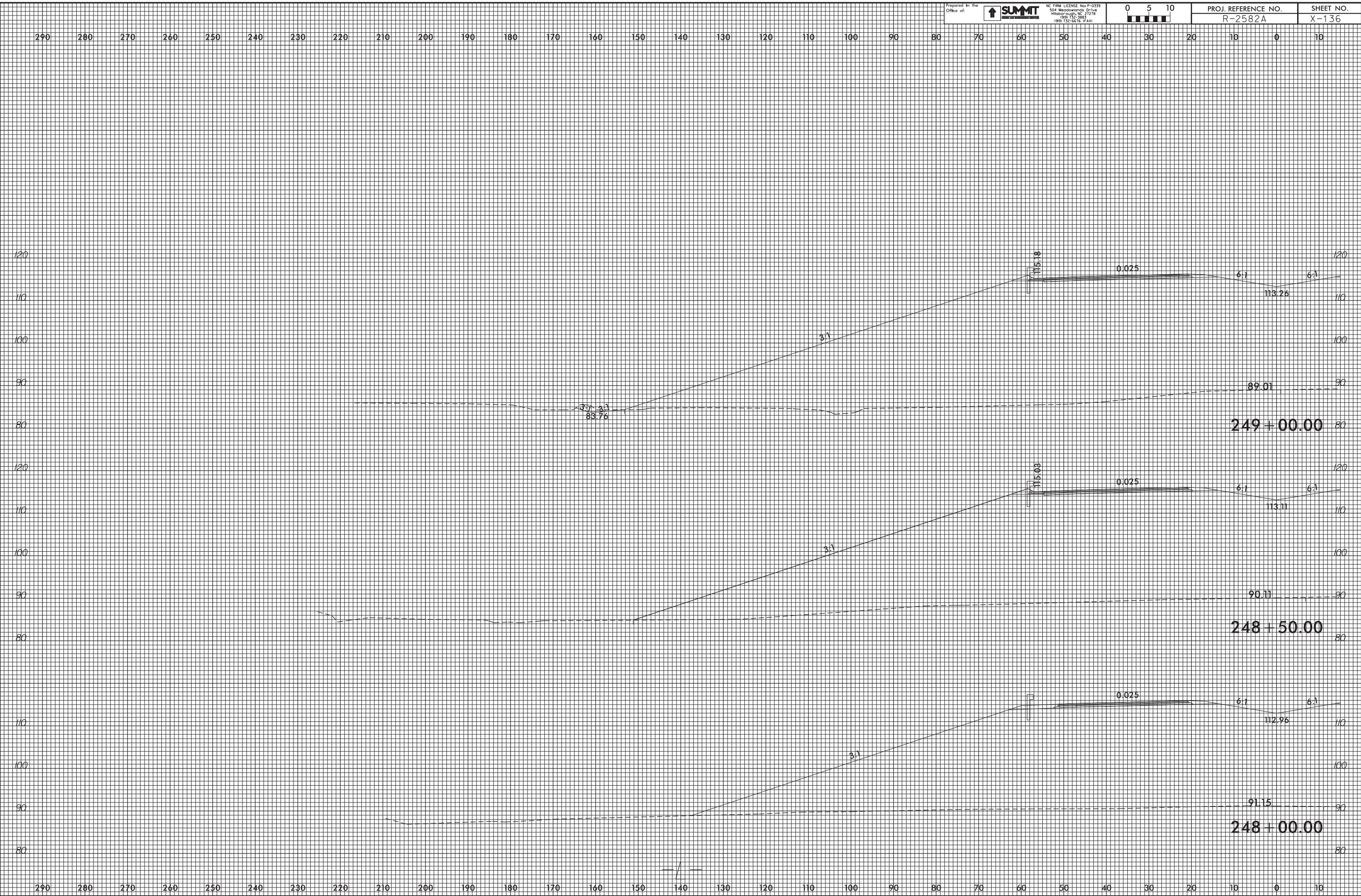
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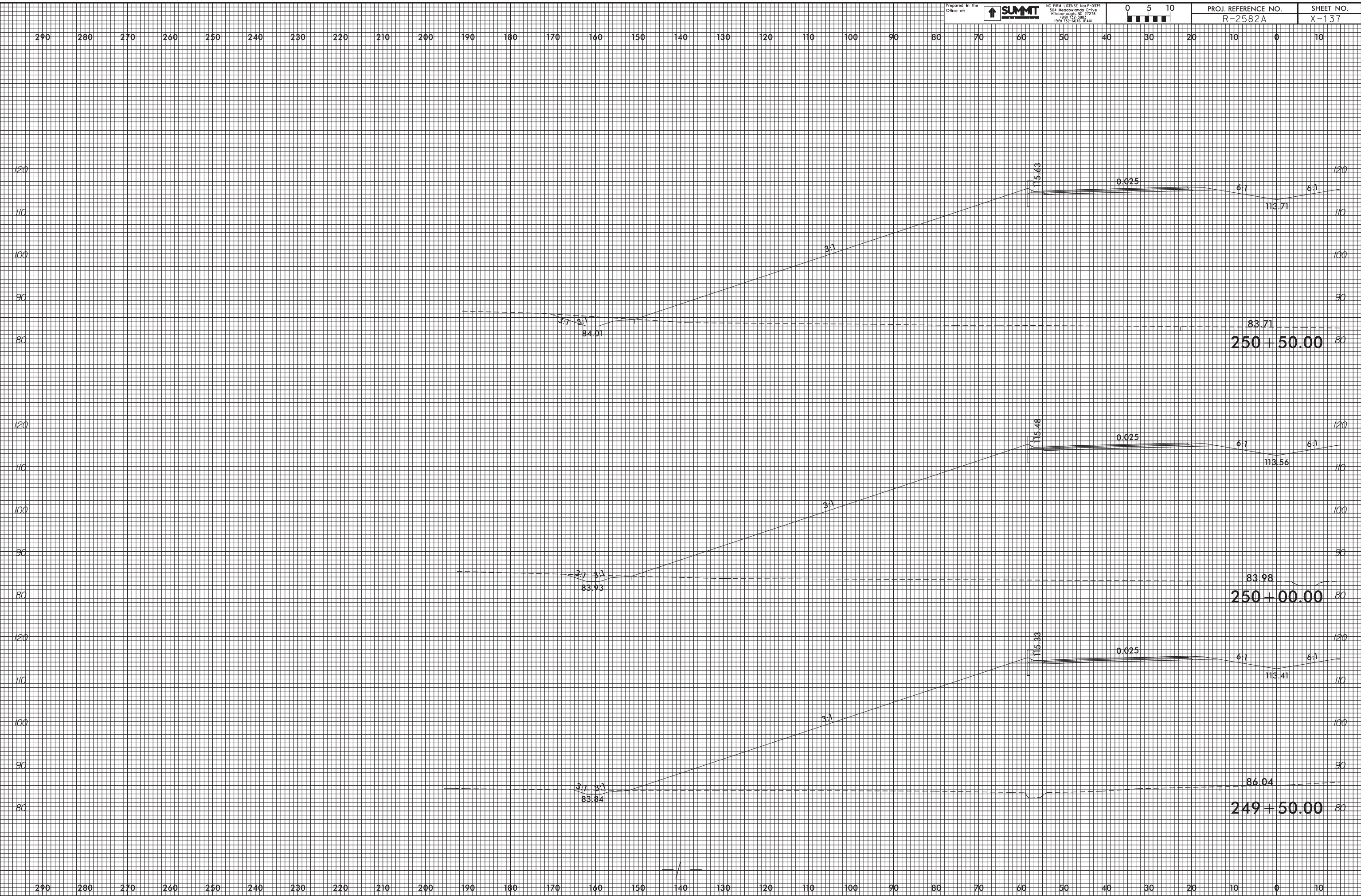
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 mel.rondough



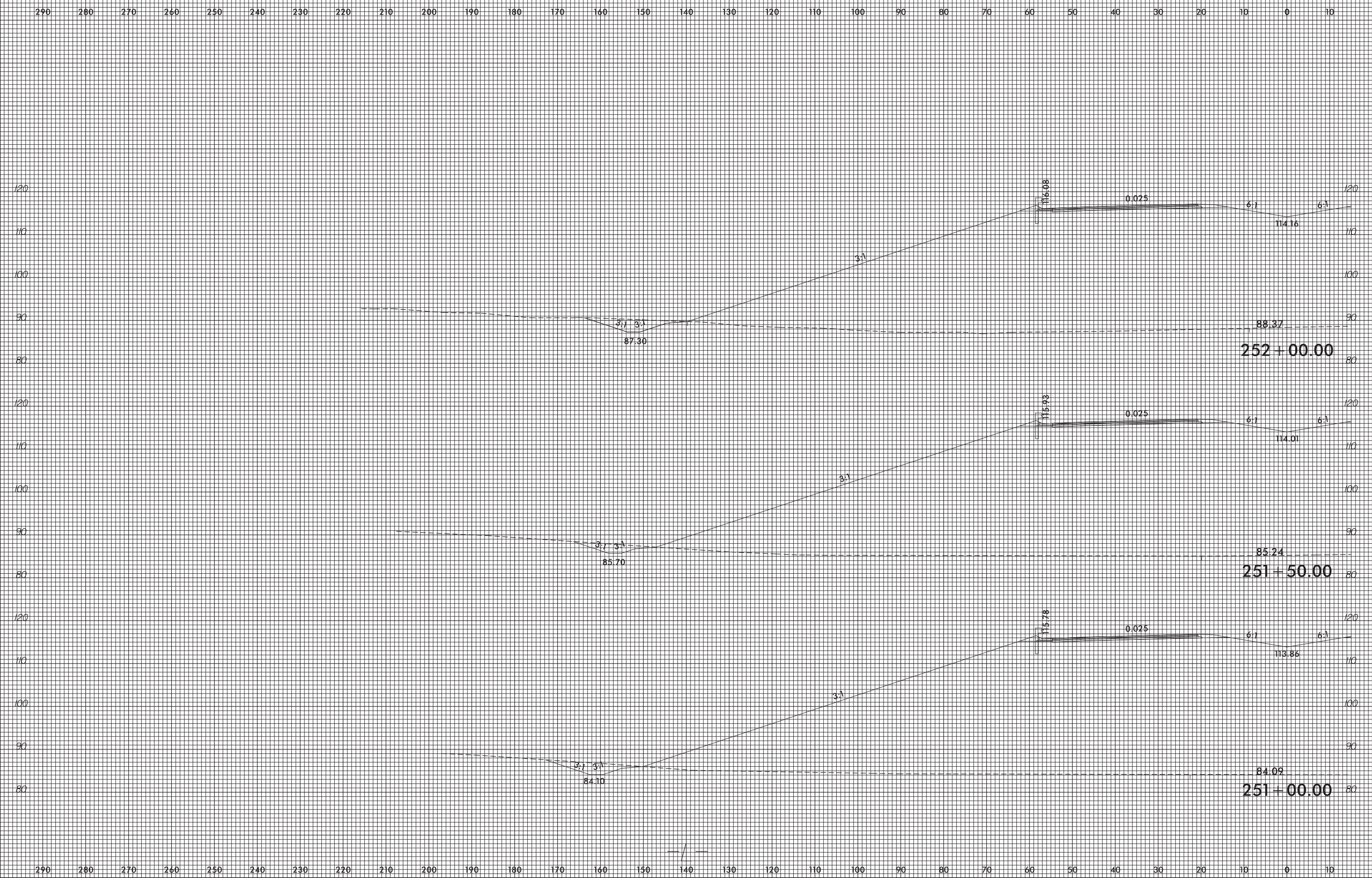
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 R2582A\_P04.dwg



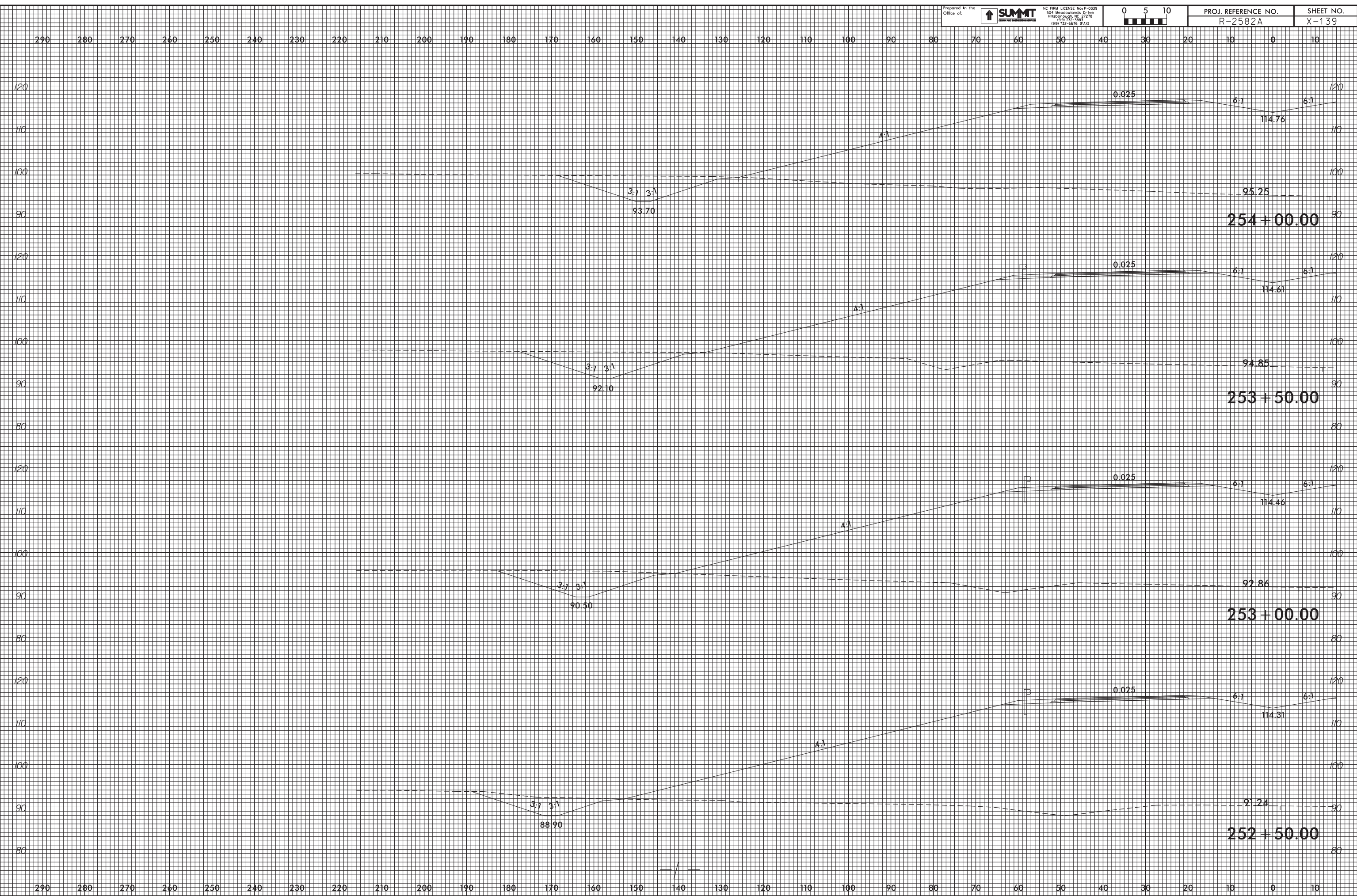
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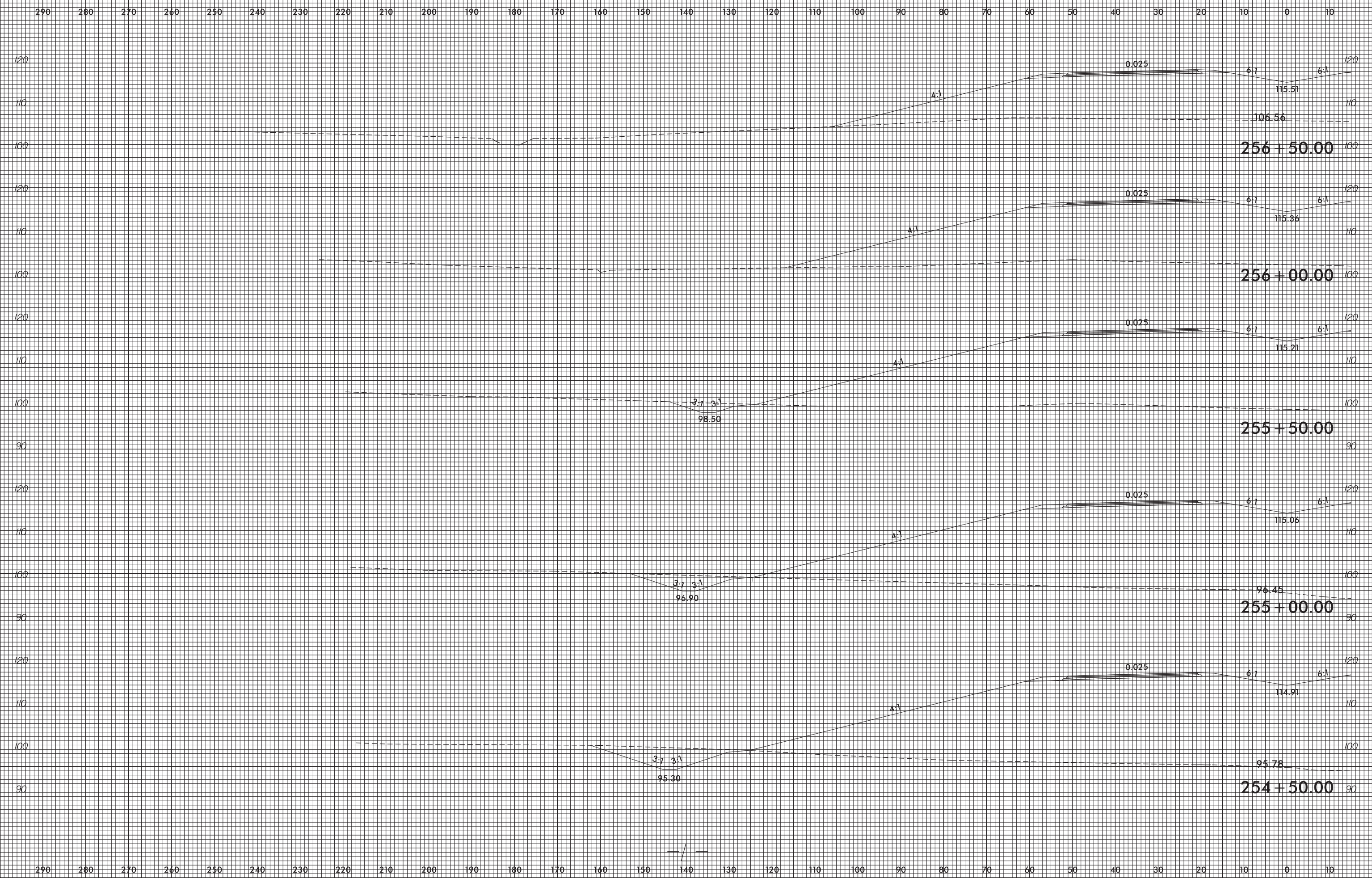
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25-MAR-2009 12:06  
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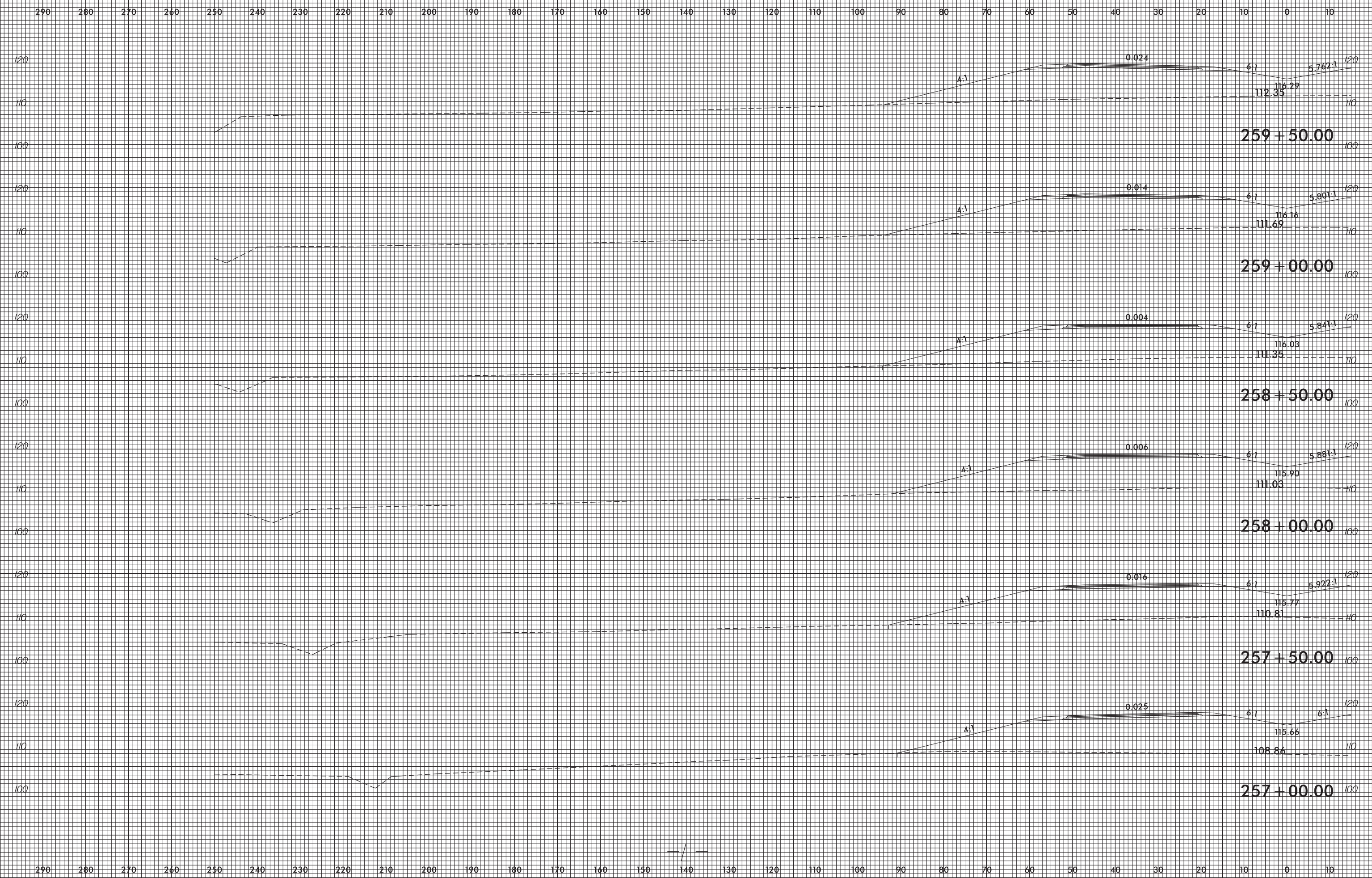


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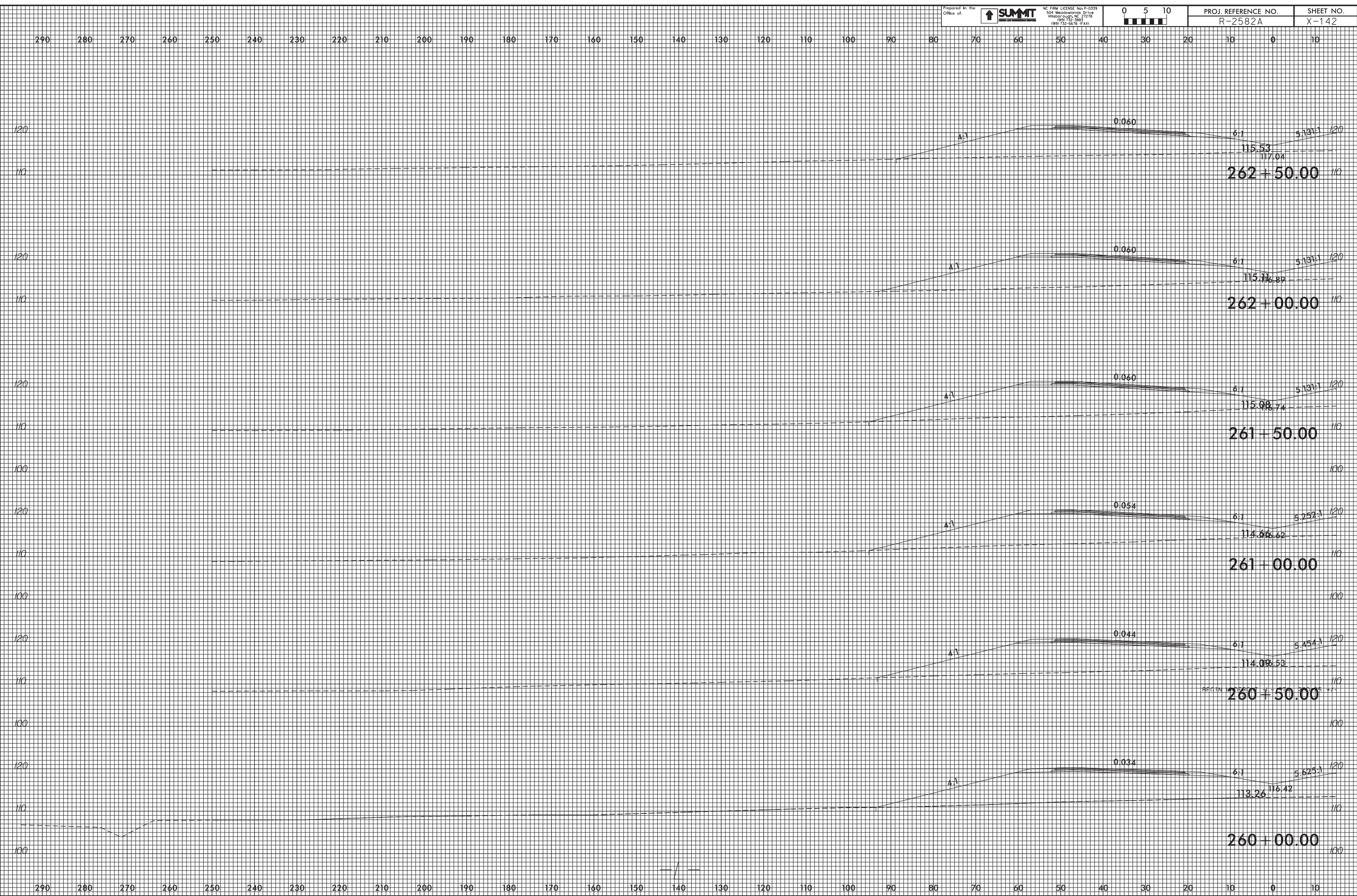


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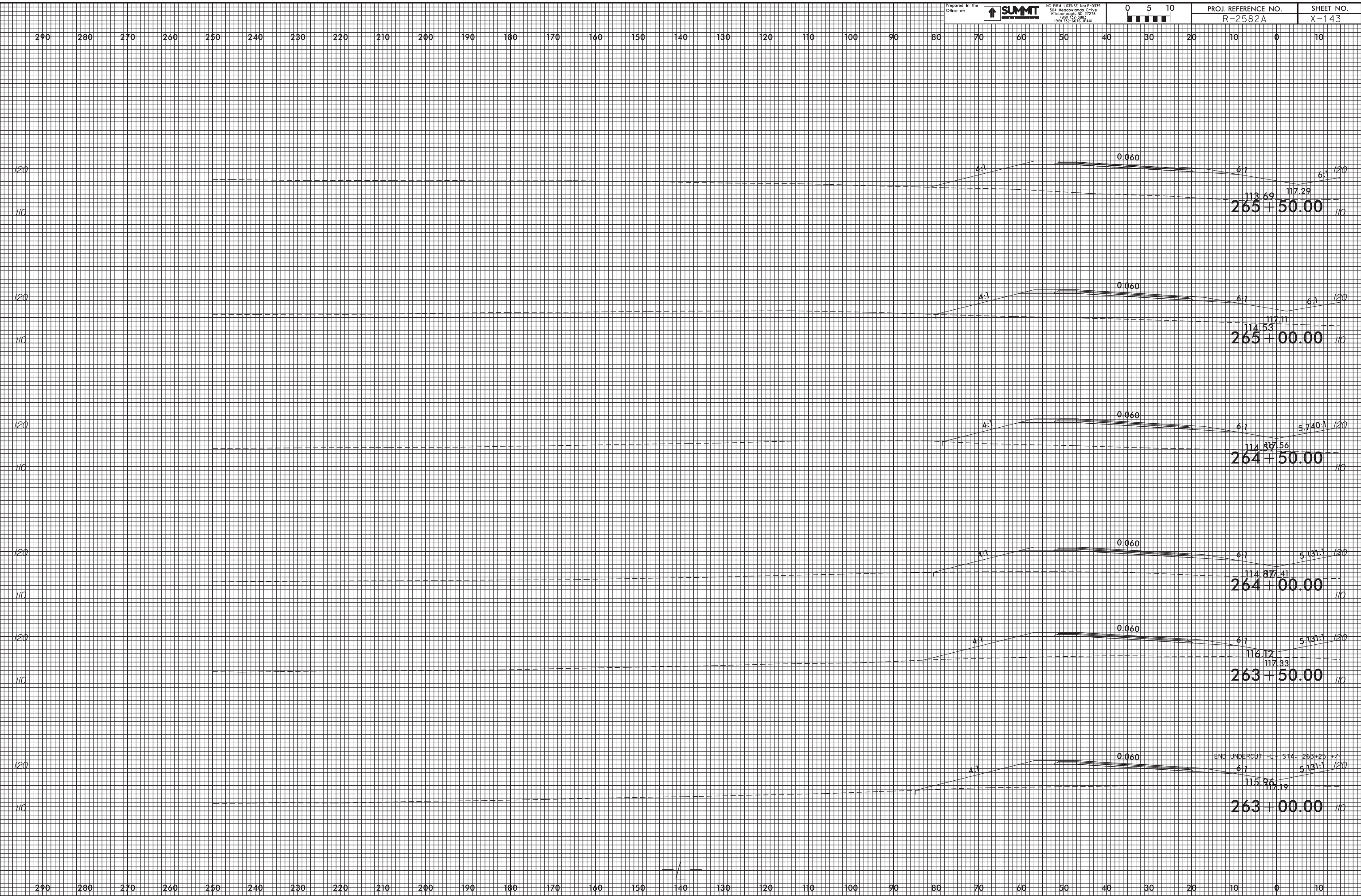




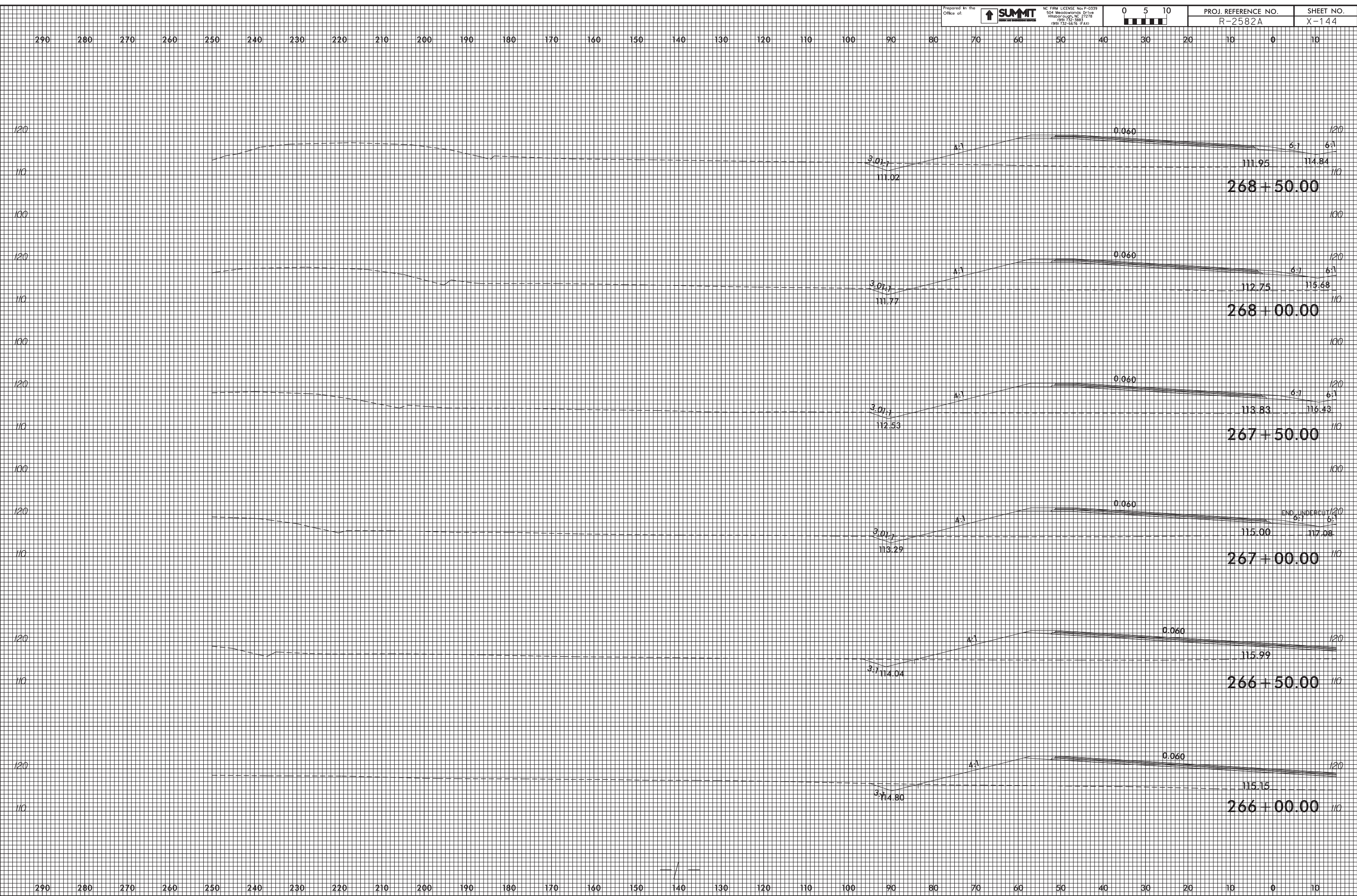
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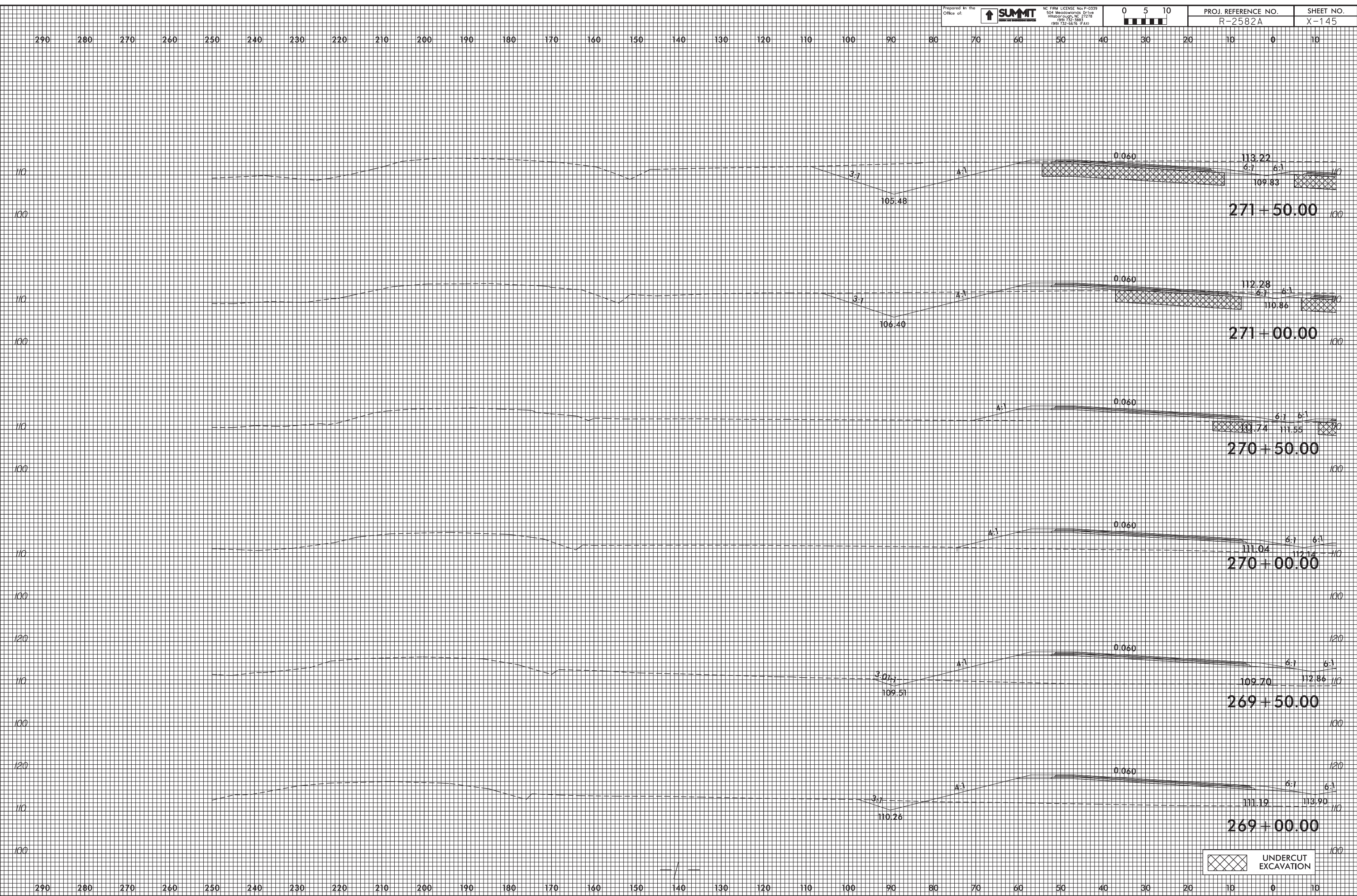
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25-MAR-2009 12:09  
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 mel.r.onr.dough

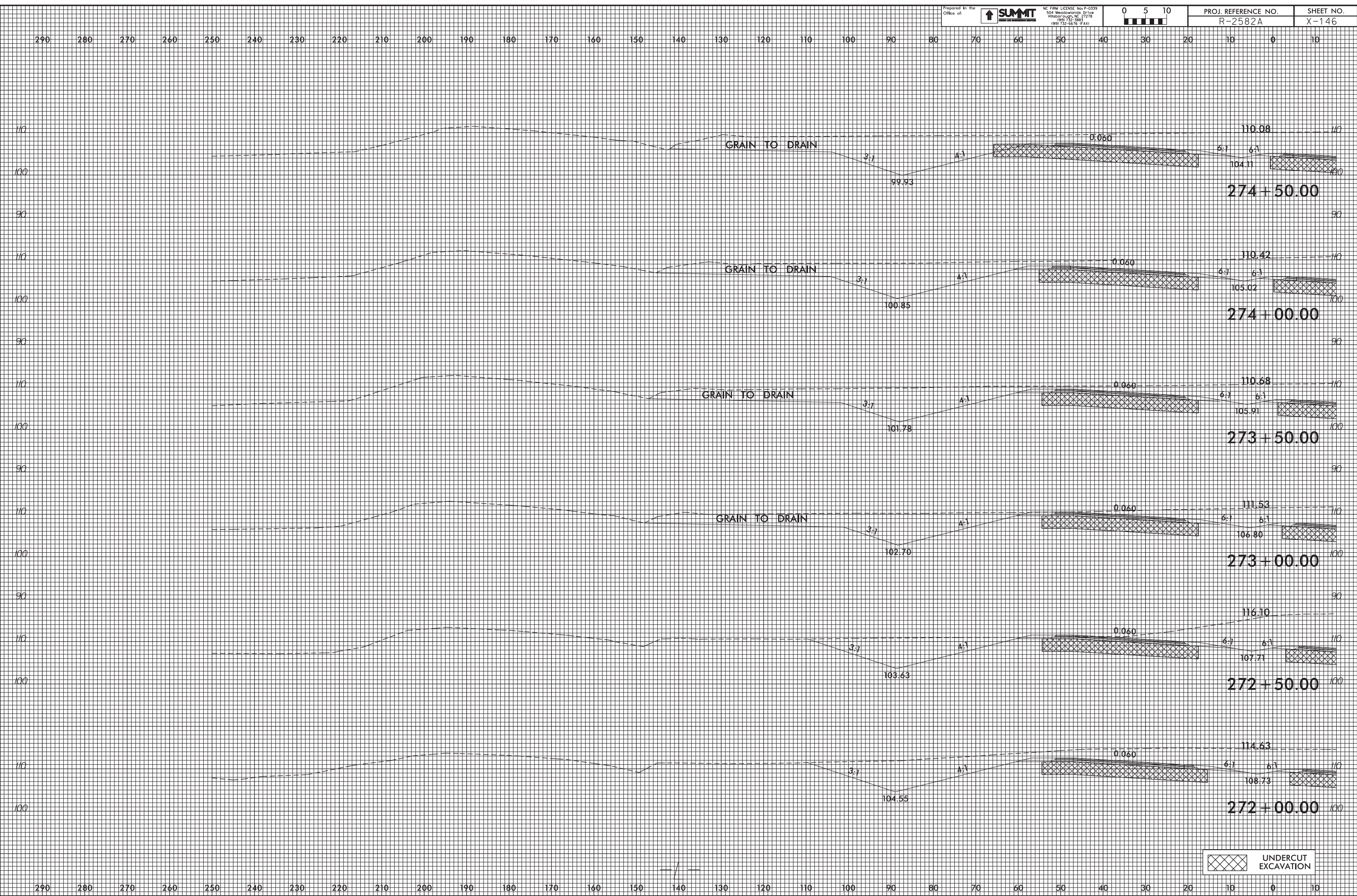


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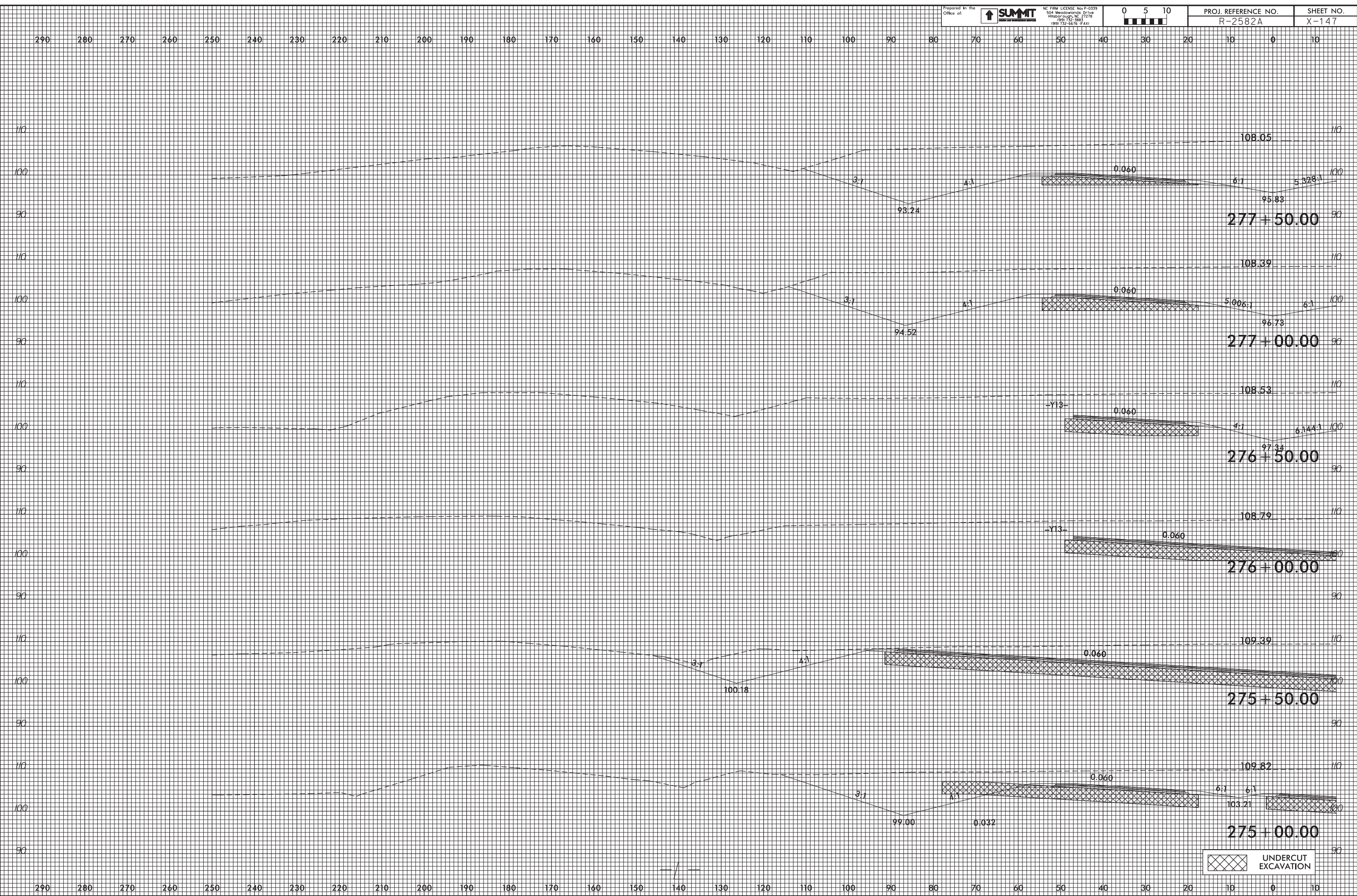
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 mel.r.onrdaugh

UNDERCUT EXCAVATION



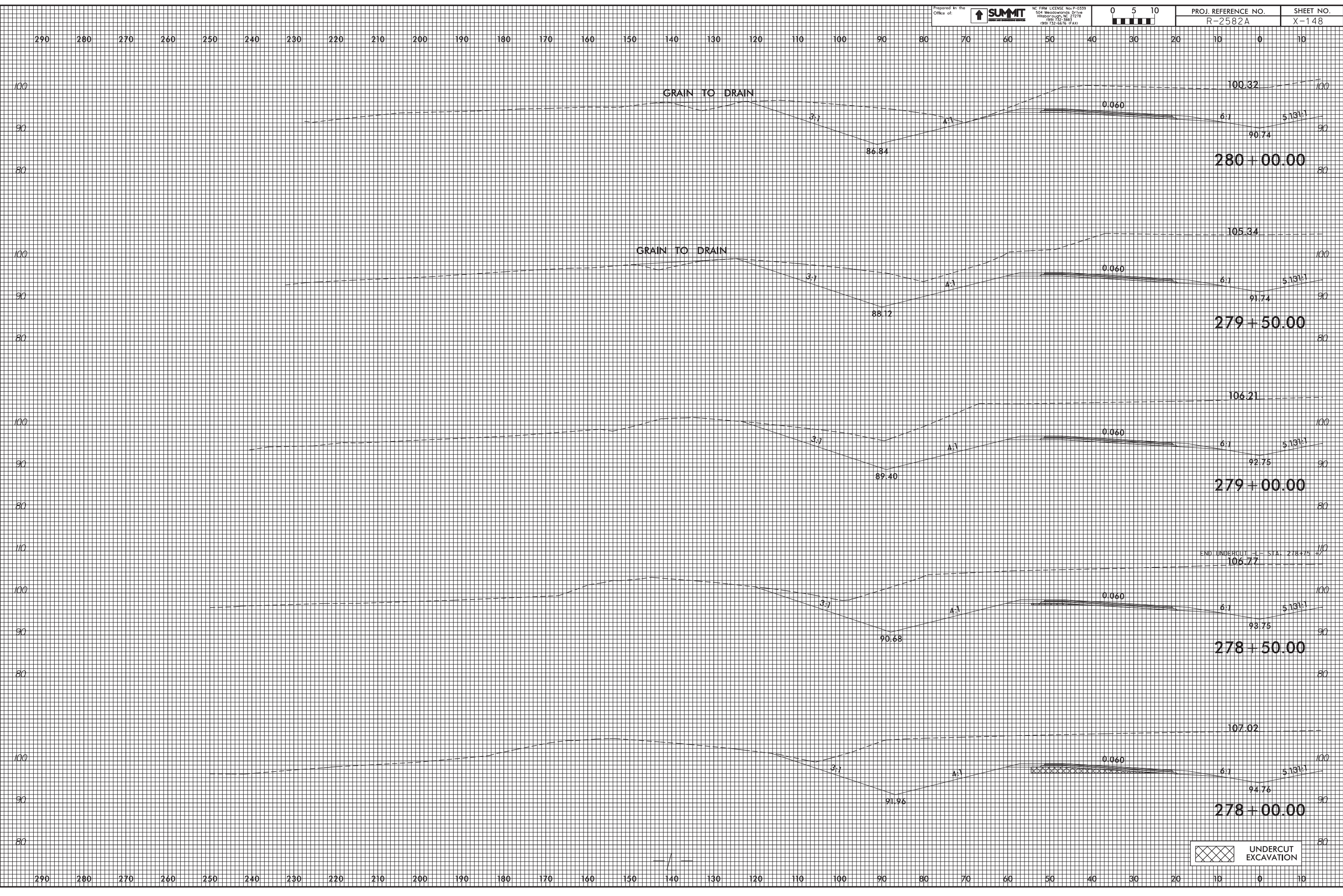
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 mel.r.on.dough

UNDERCUT EXCAVATION



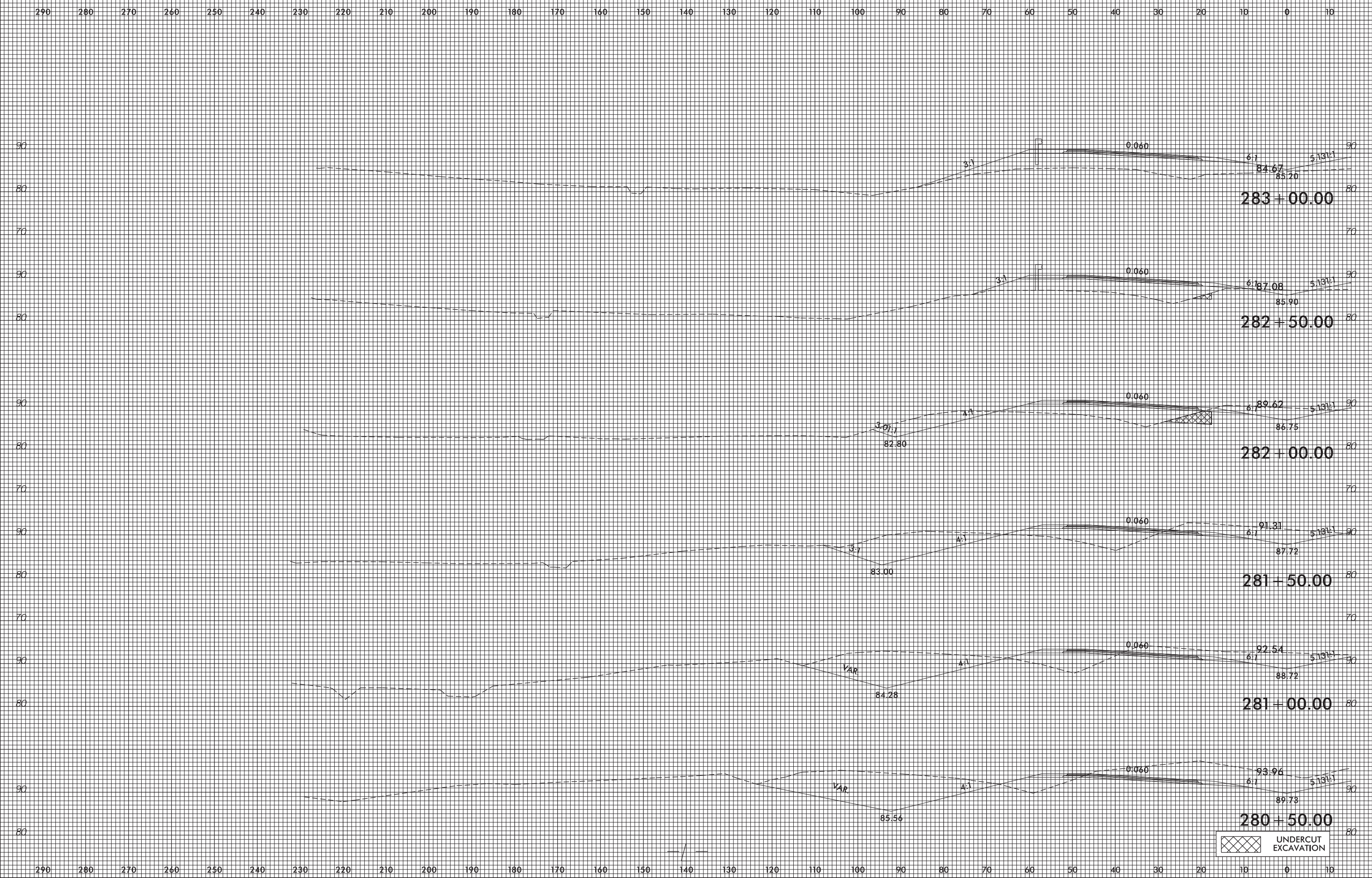
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UNDERCUT EXCAVATION



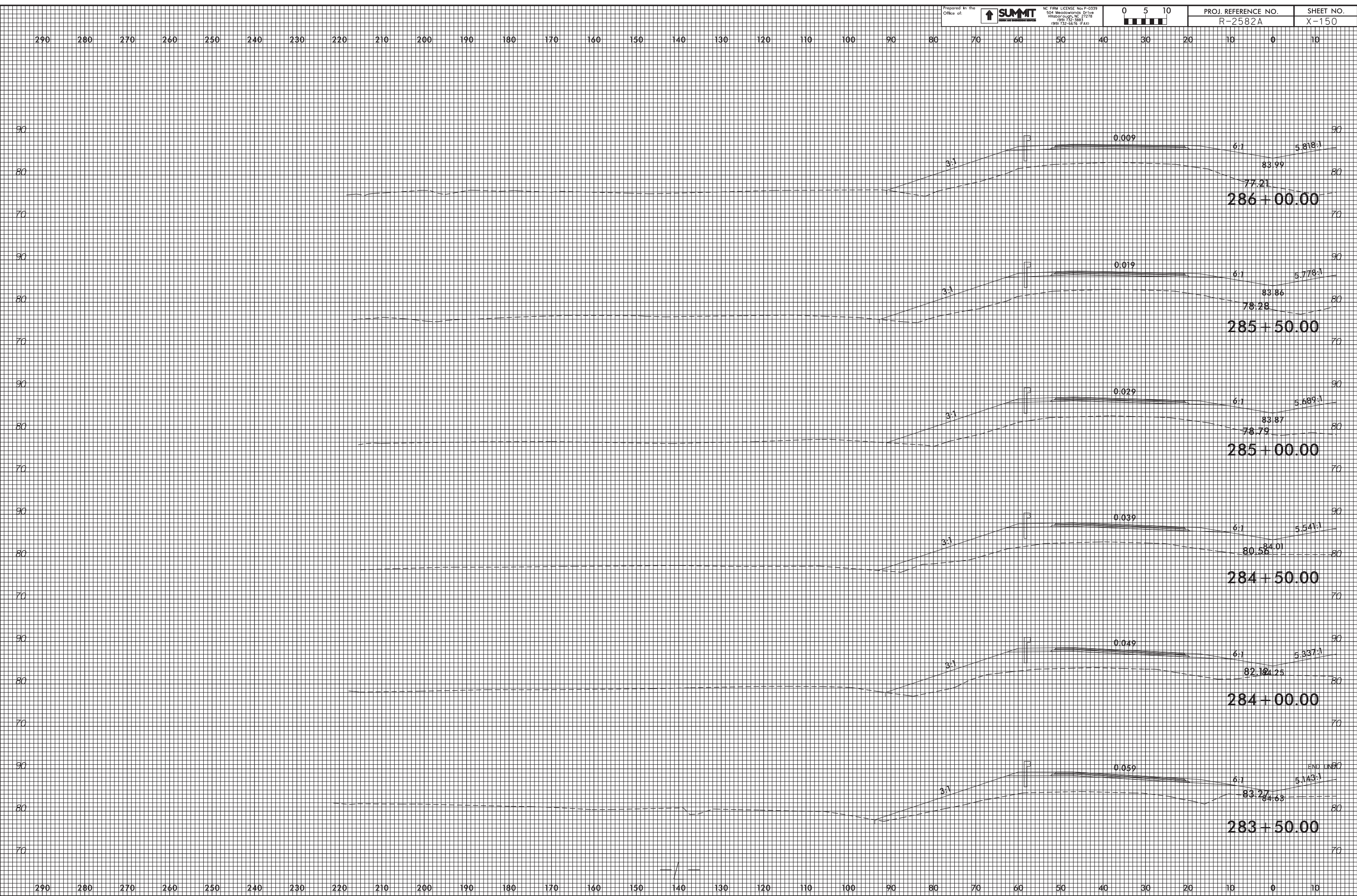
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 mel.rondagh



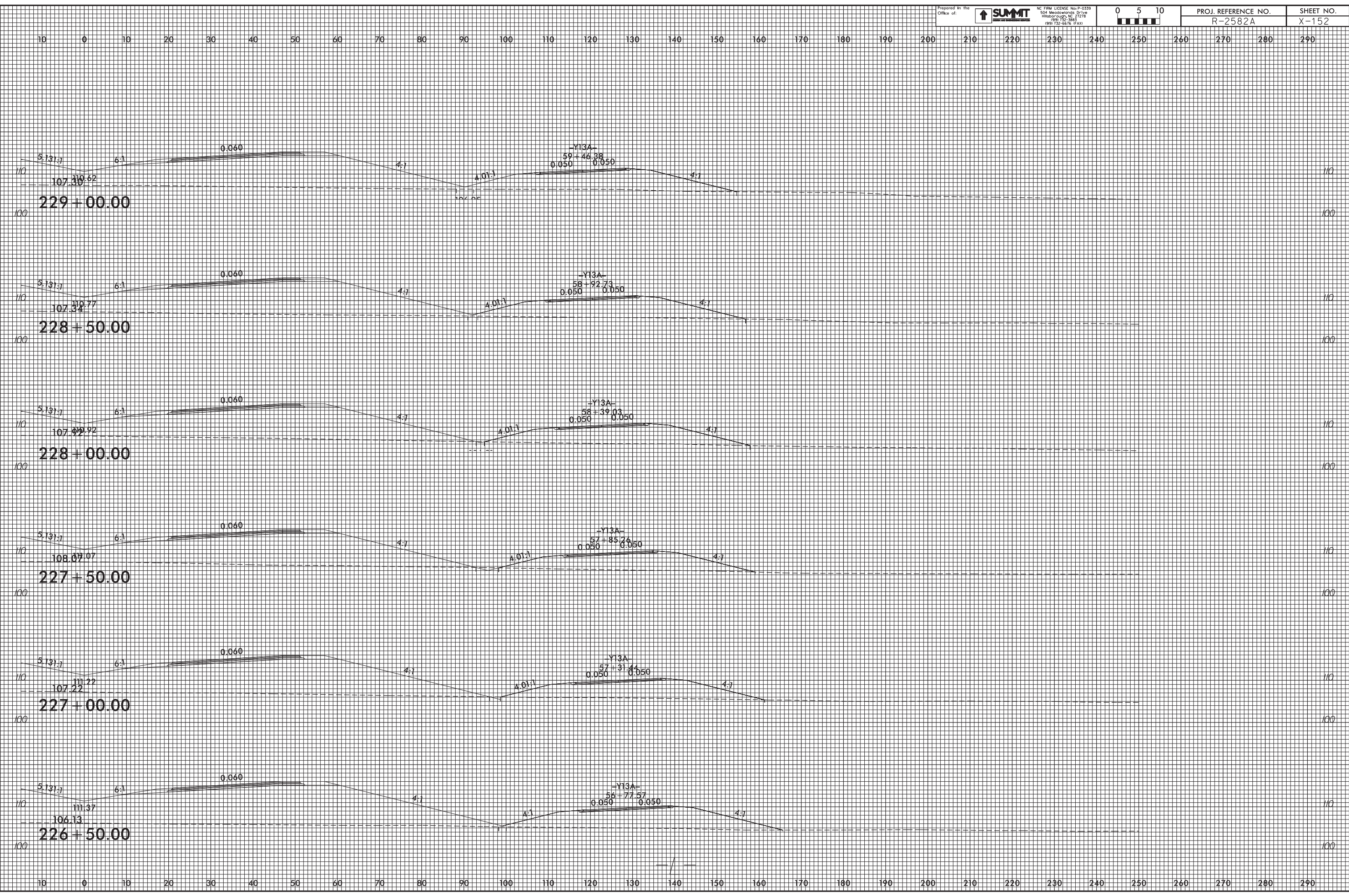


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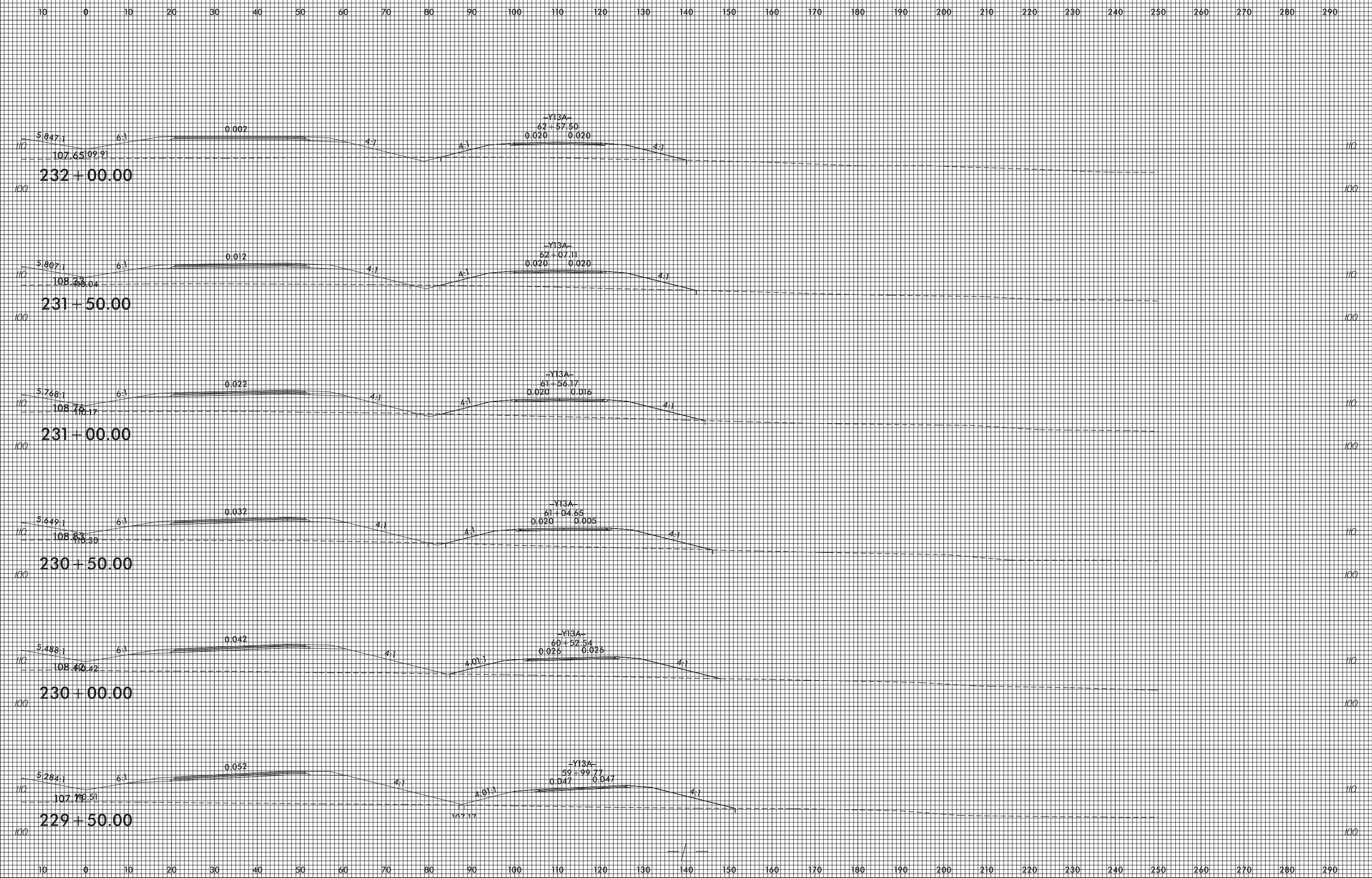
UNDERCUT  
 EXCAVATION



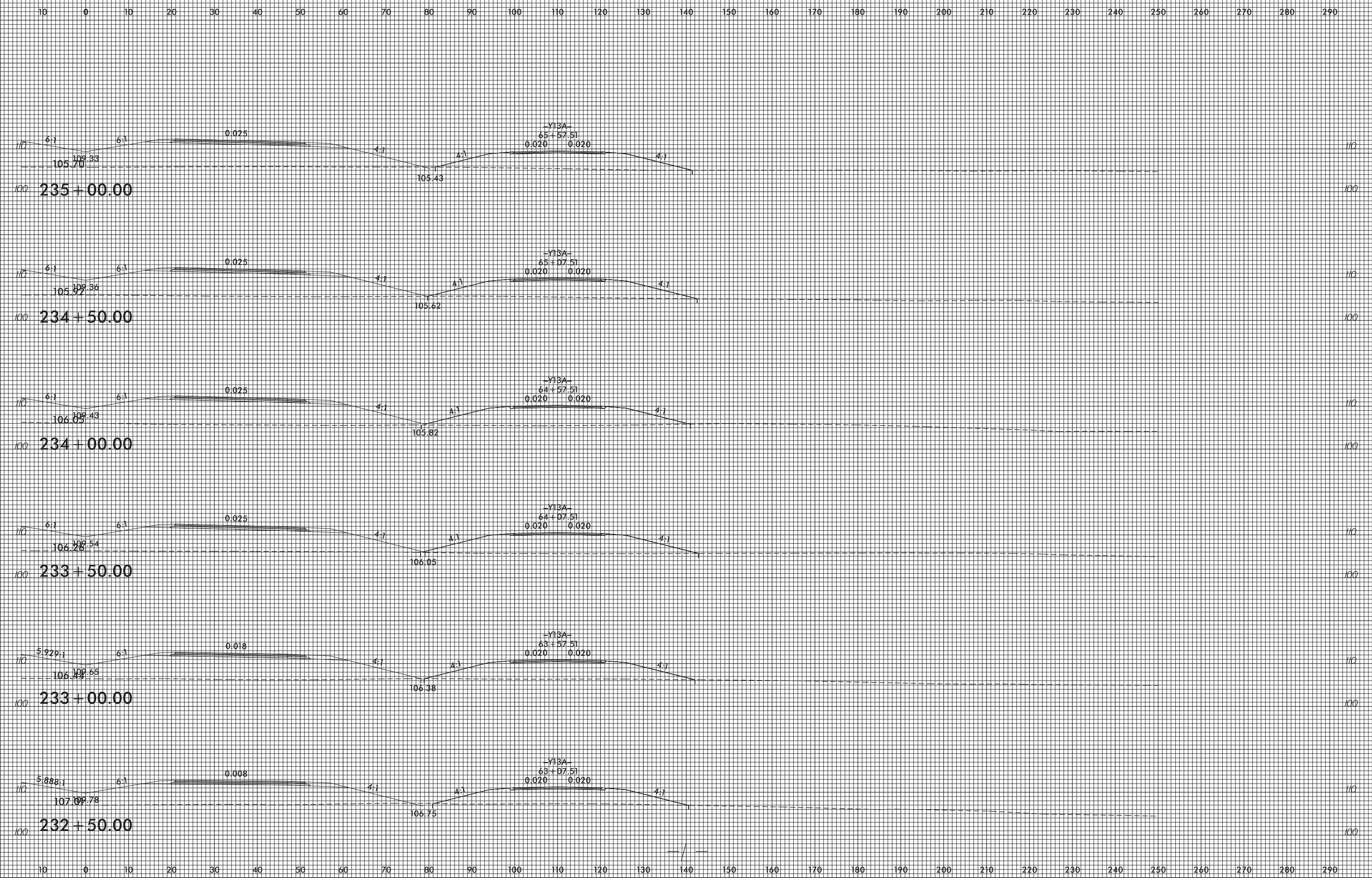
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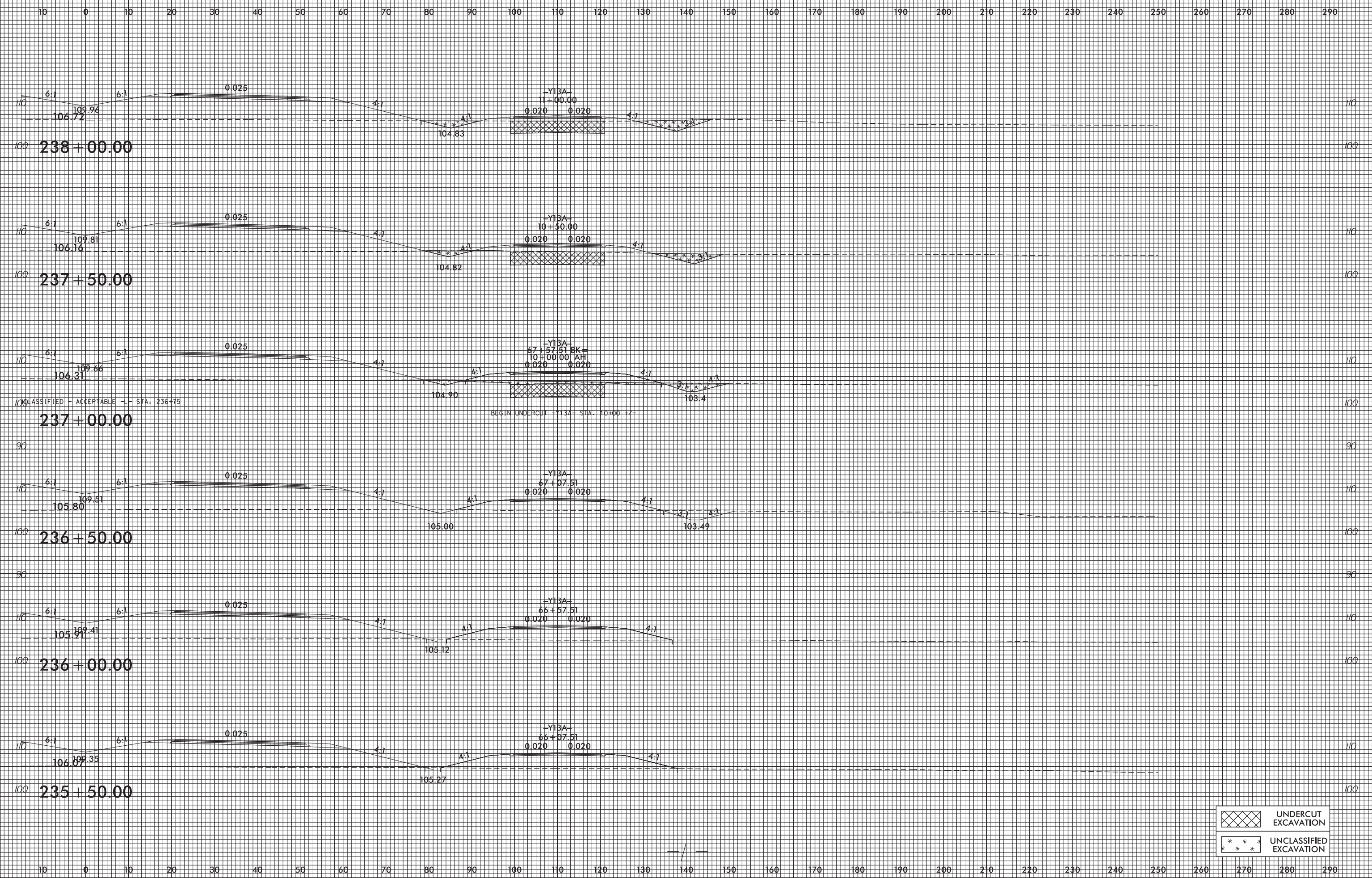
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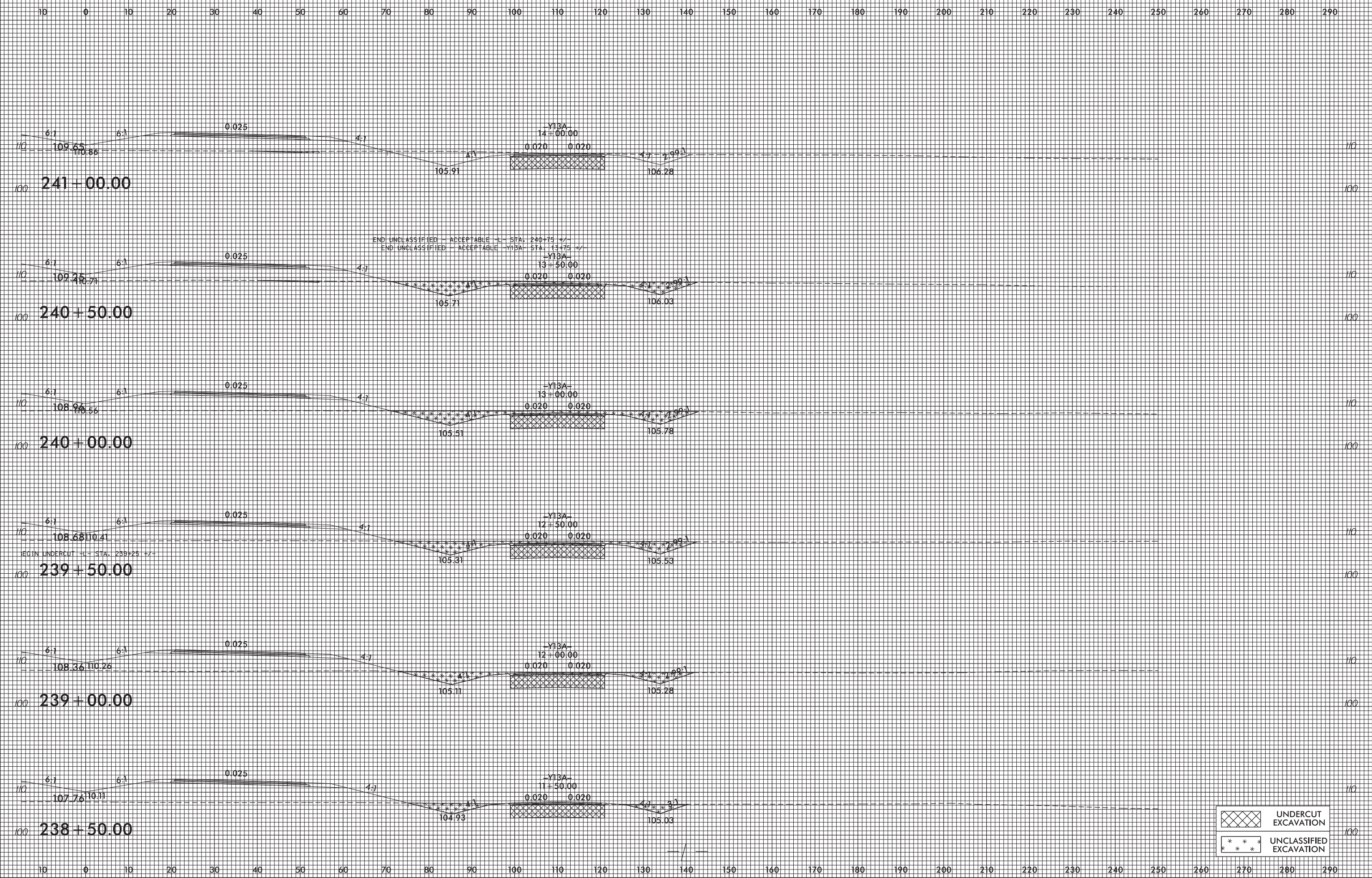
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25-MAR-2009 12:17  
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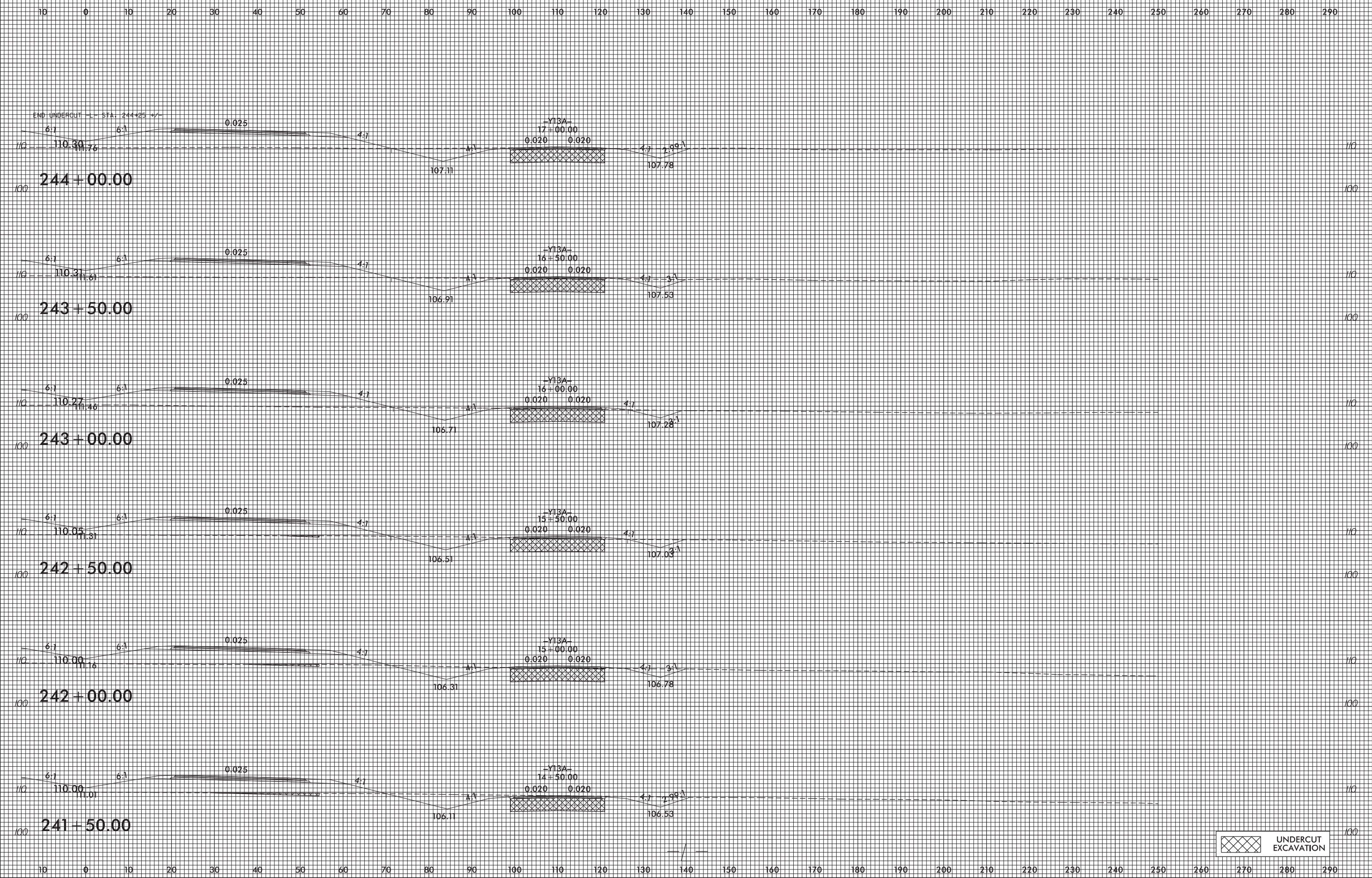


25-MAR-2019 14:49  
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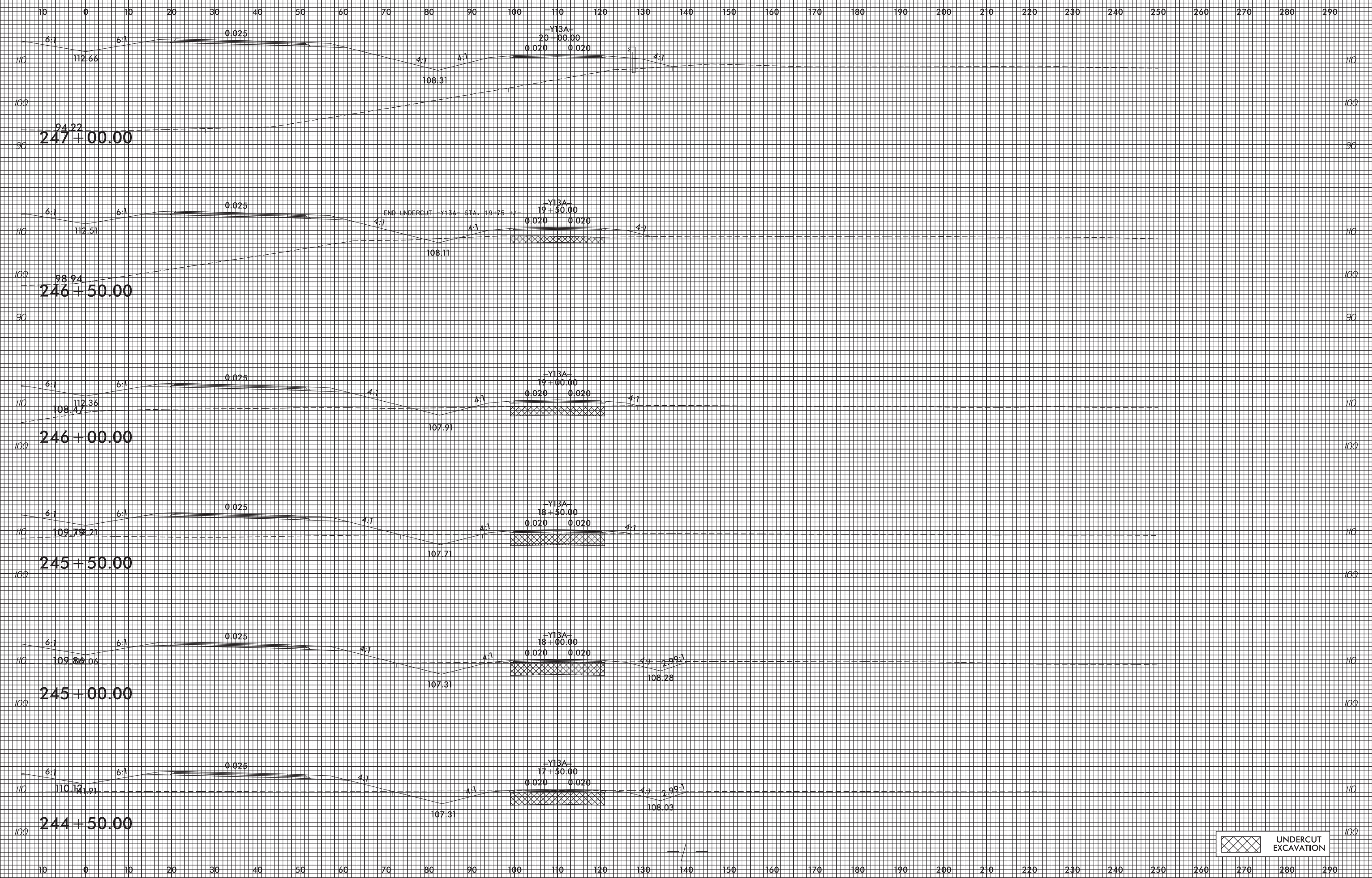
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	UNDERCUT EXCAVATION
	UNCLASSIFIED EXCAVATION

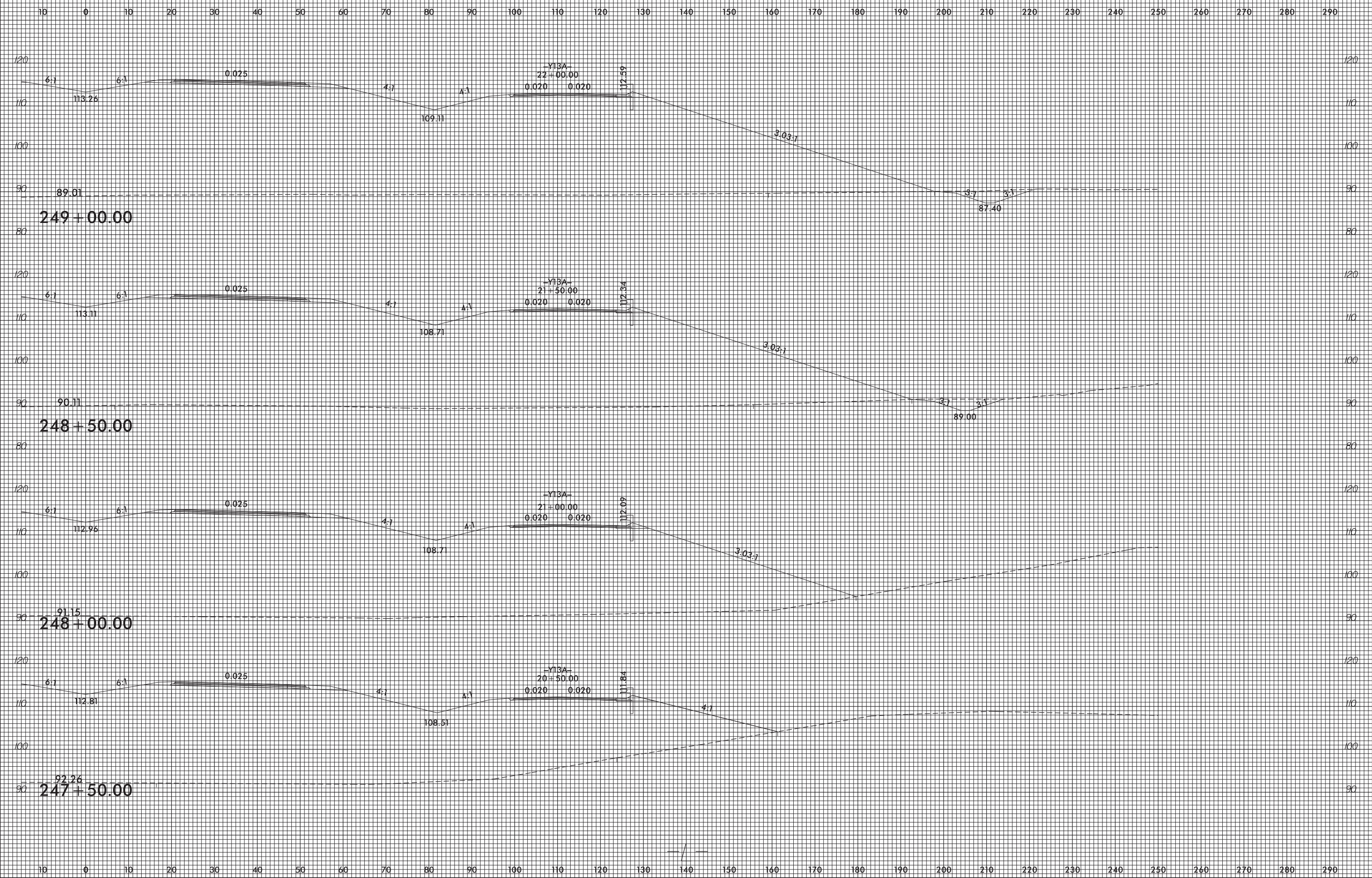


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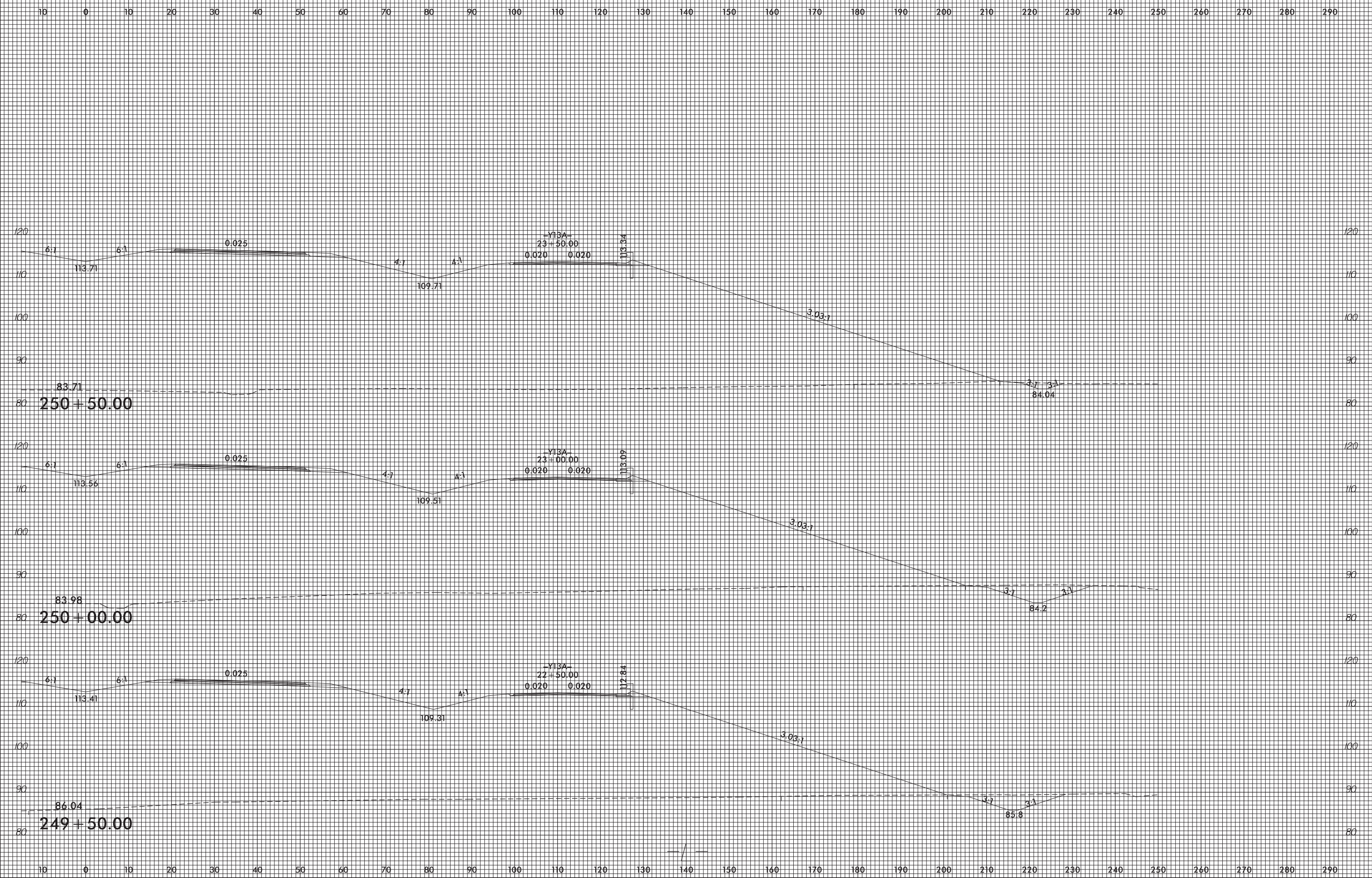




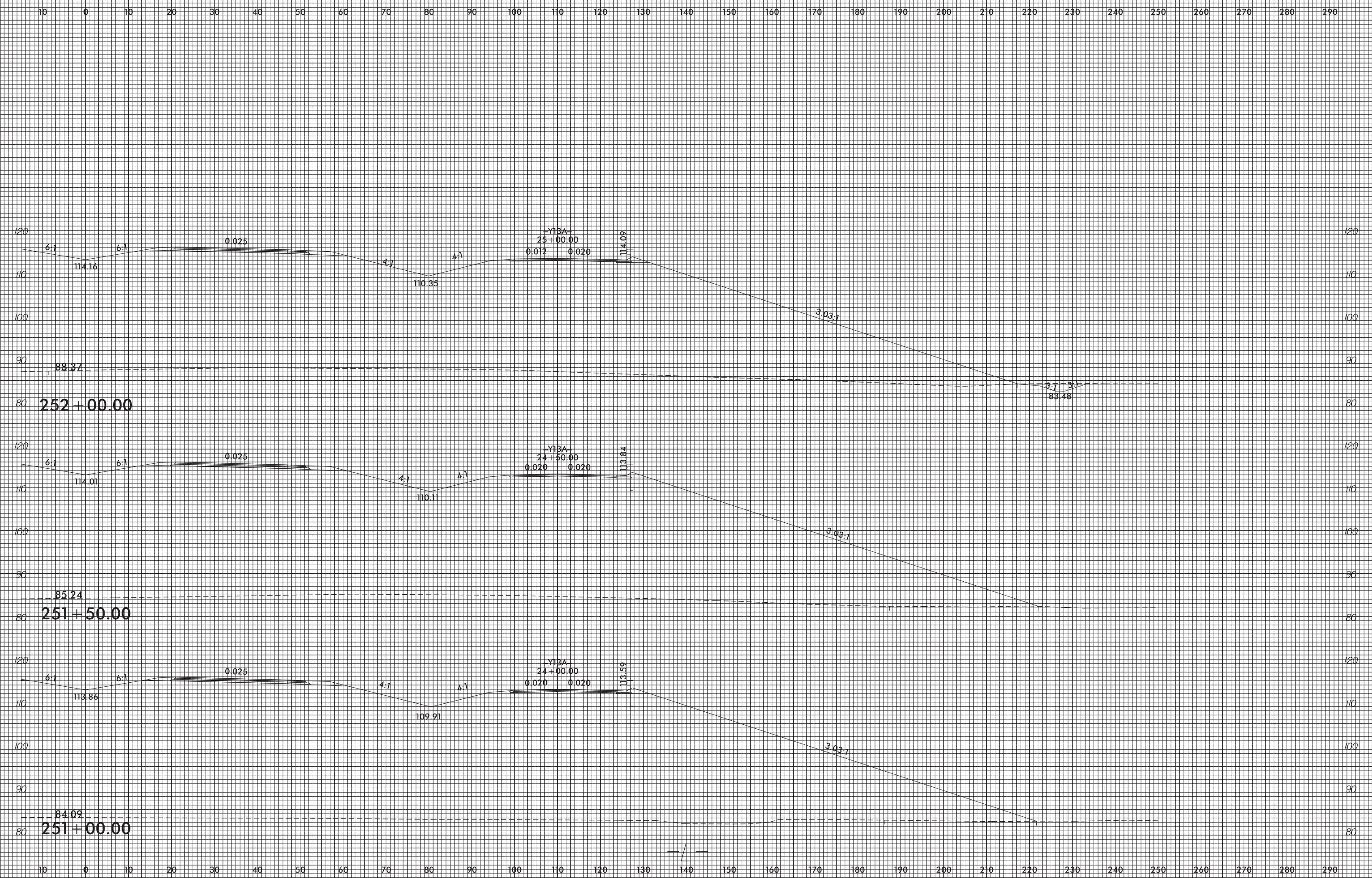
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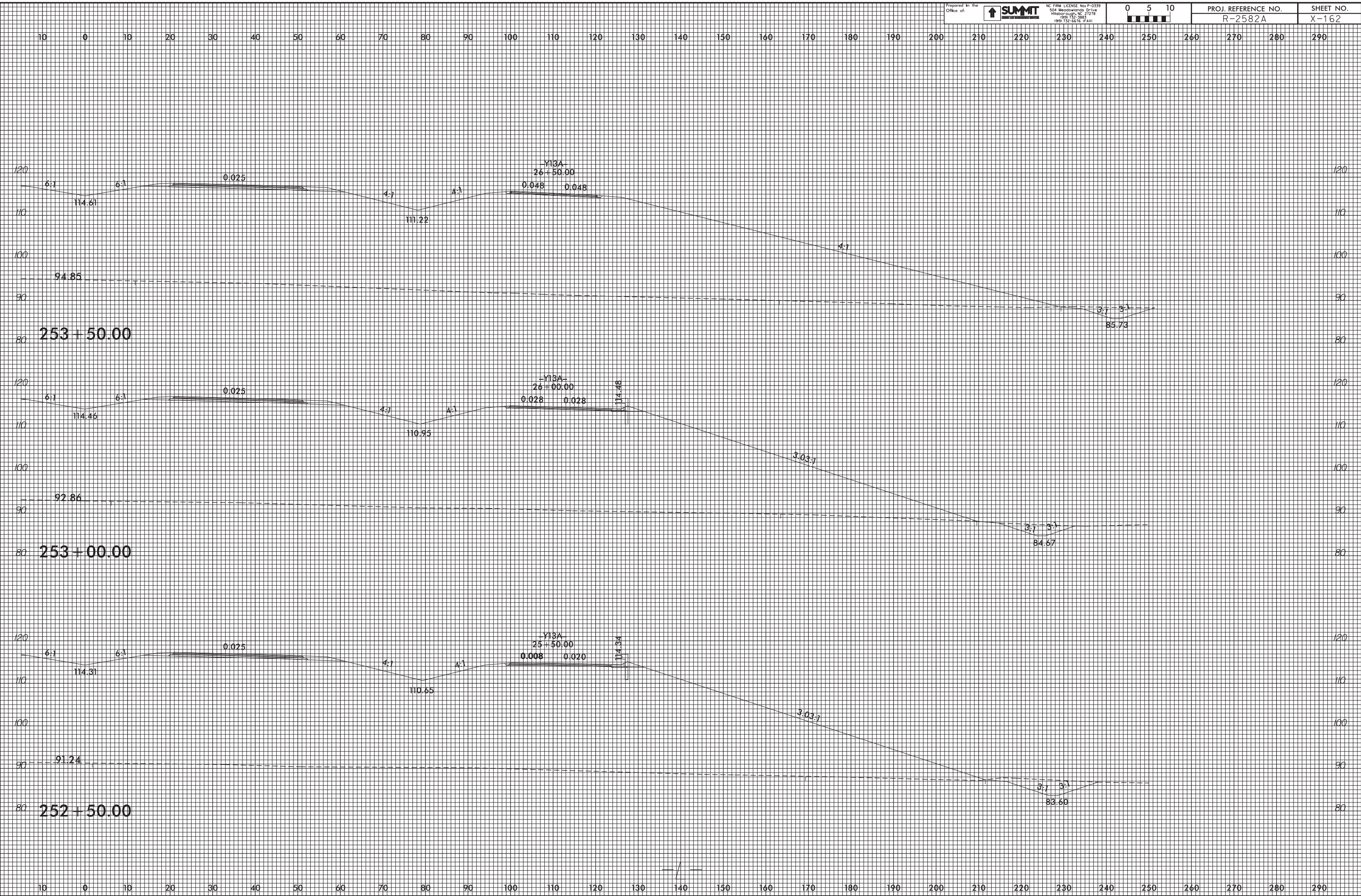
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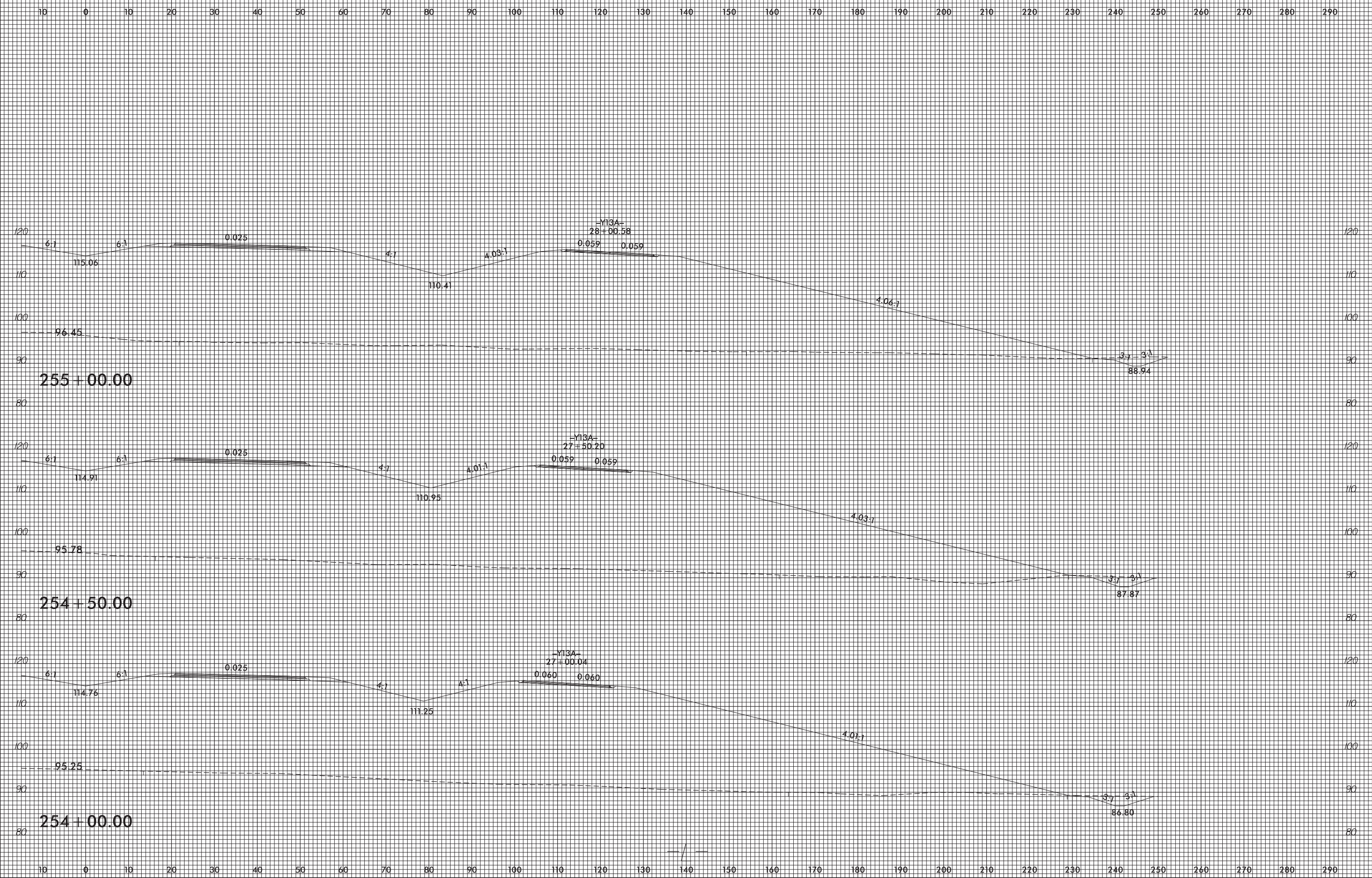
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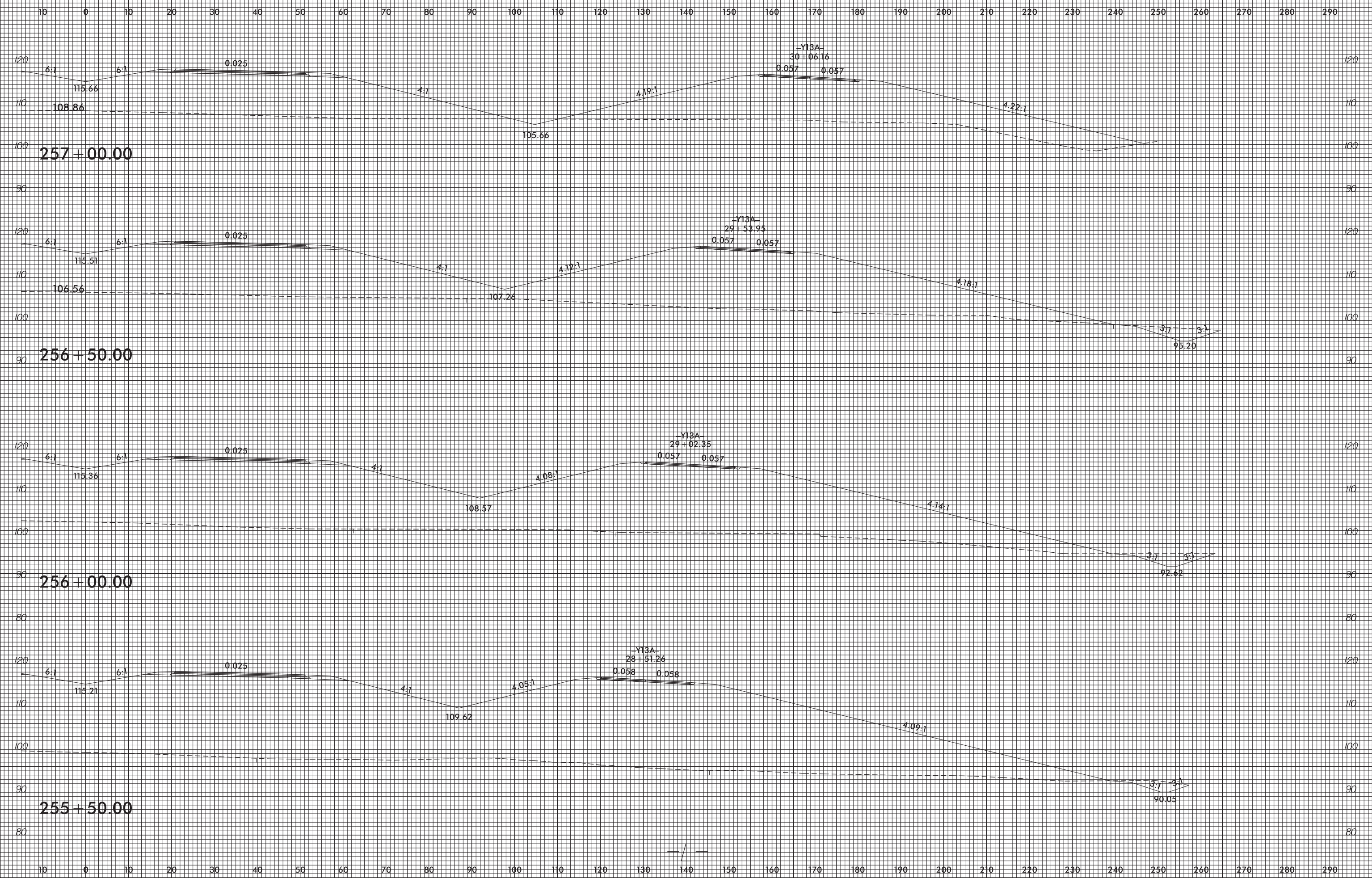
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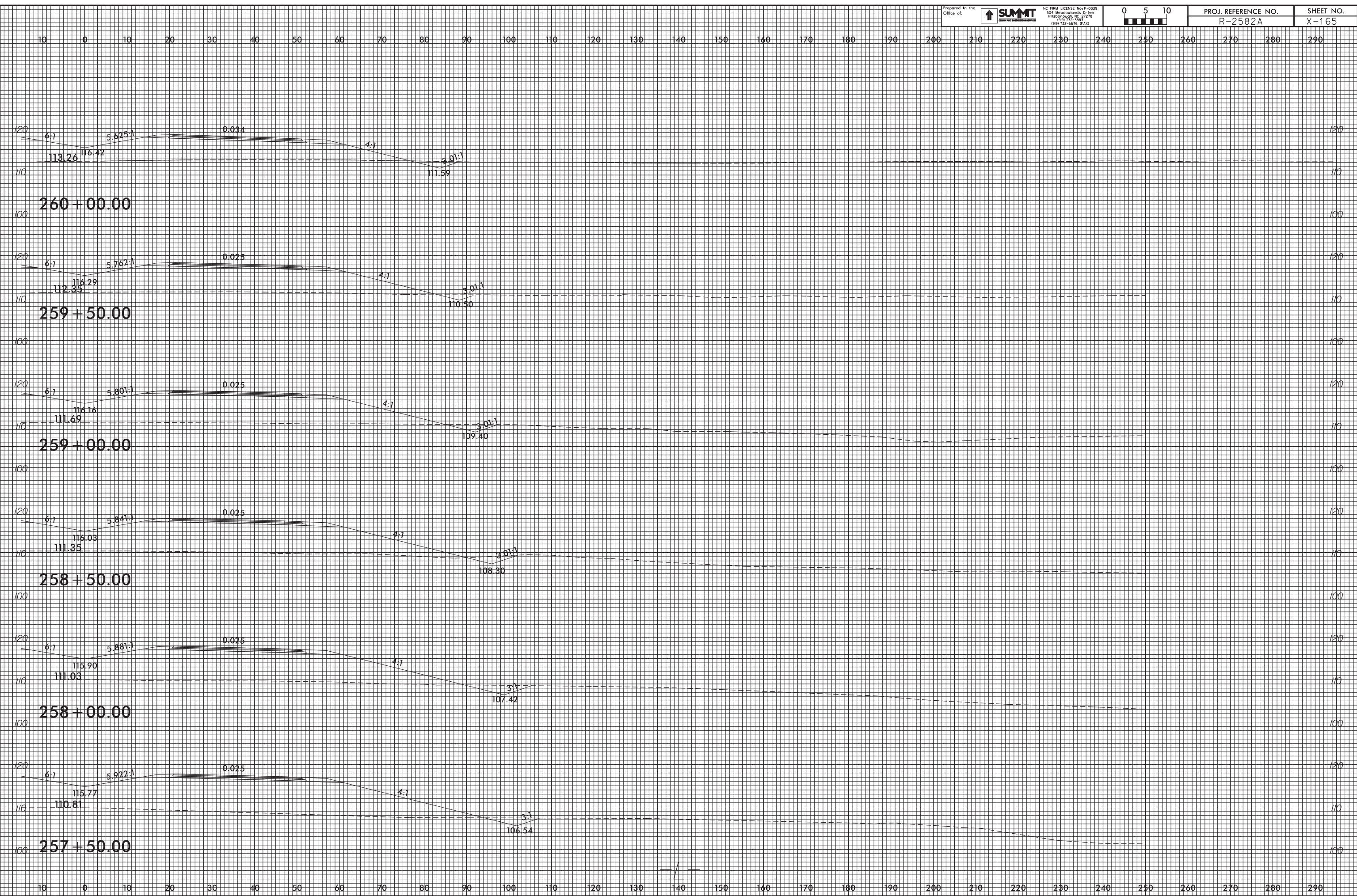
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25-MAR-2019 12:23  
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 R2582A\_P04.dwg  
 R2582A\_P04.dwg

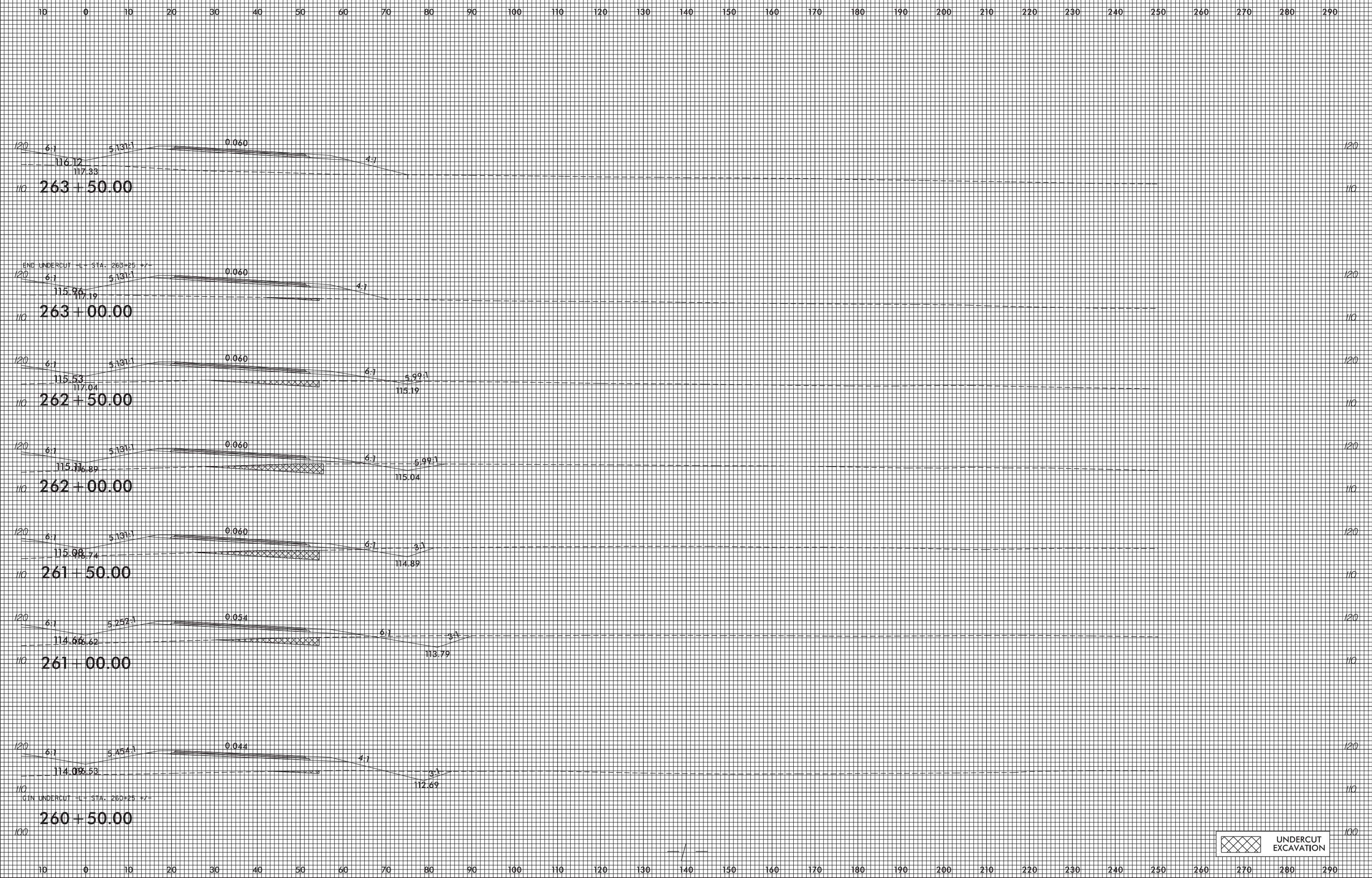


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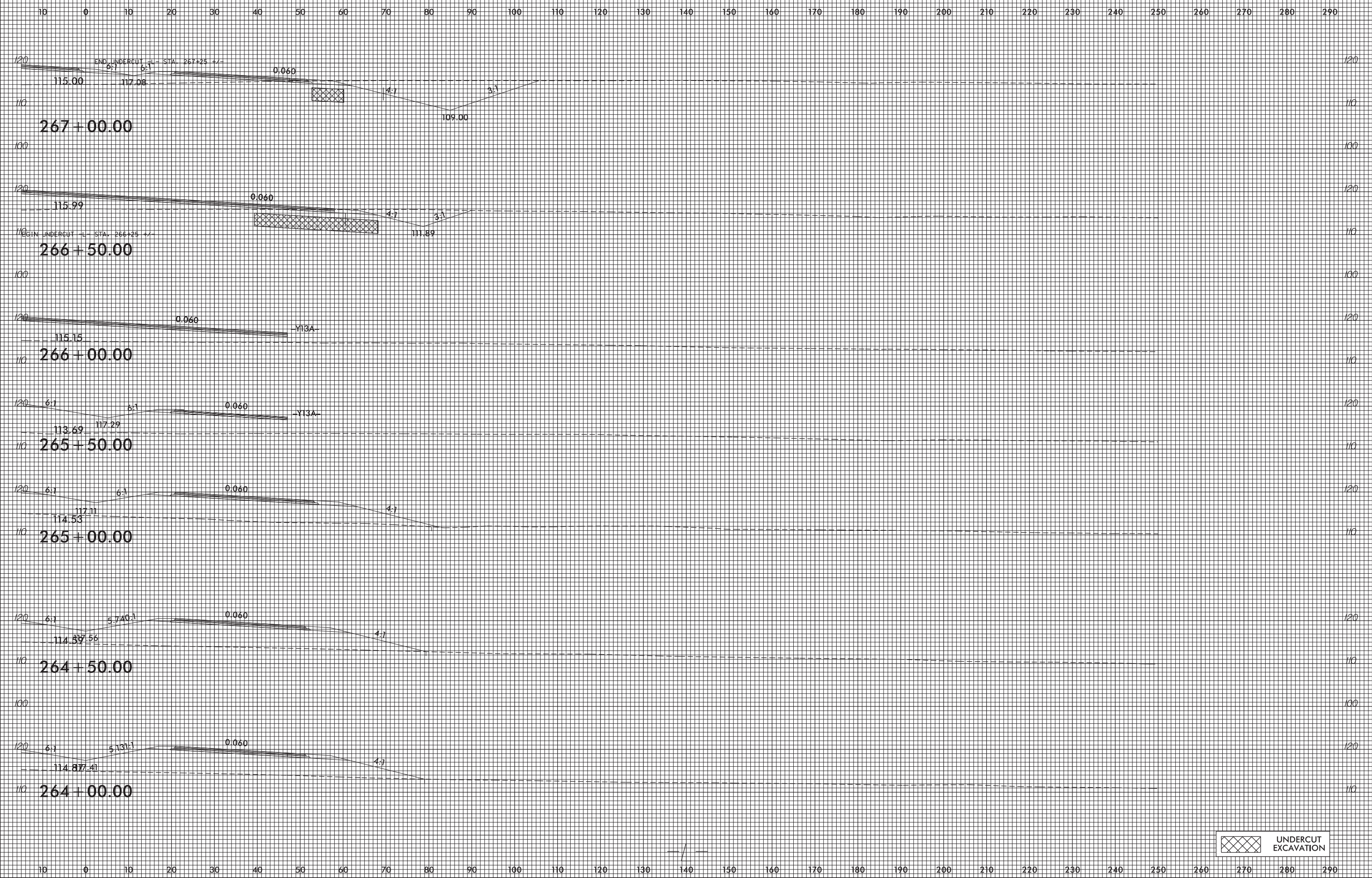


25-MAR-2019 12:24  
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 mel.rondough



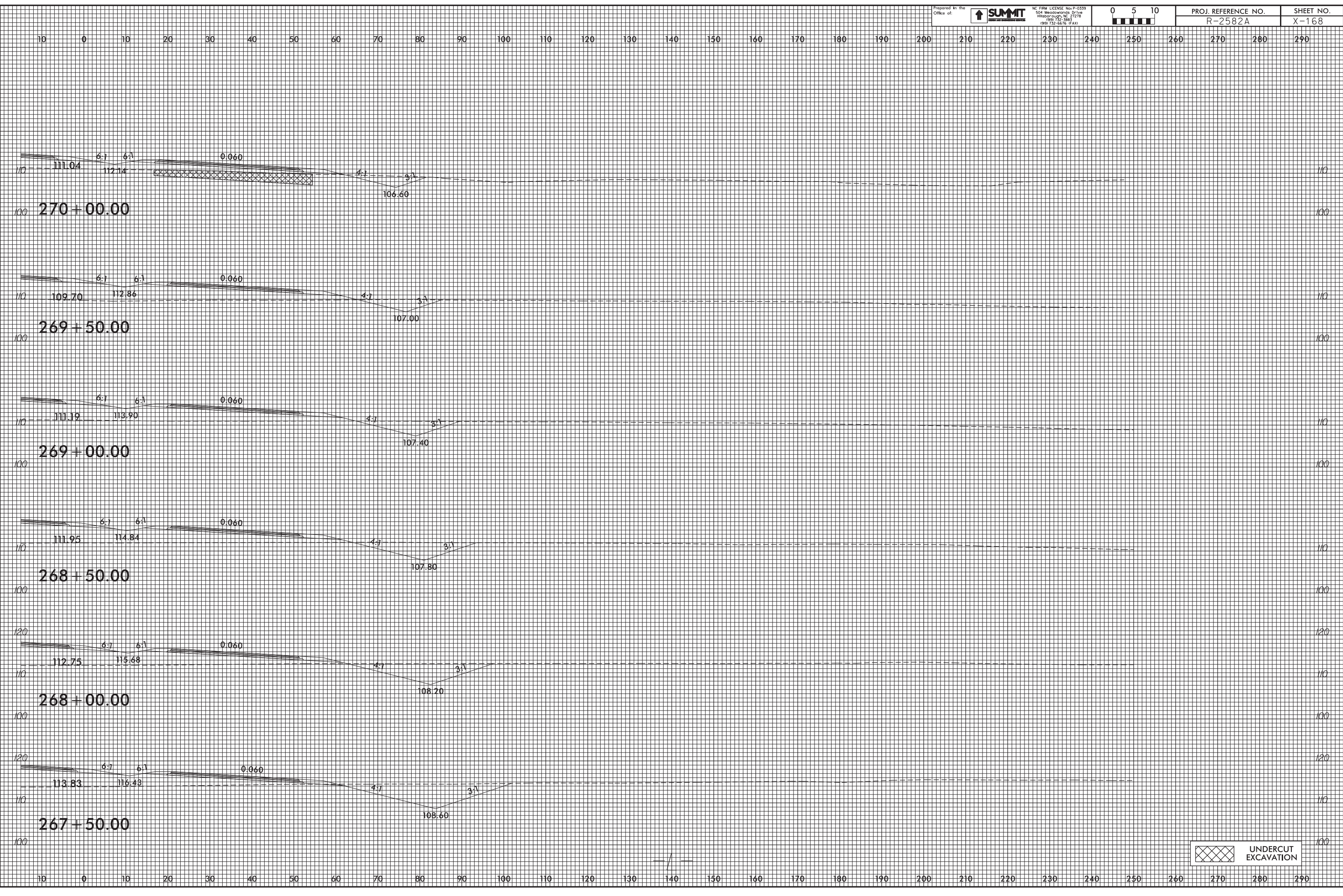


25-MAR-2019 12:25  
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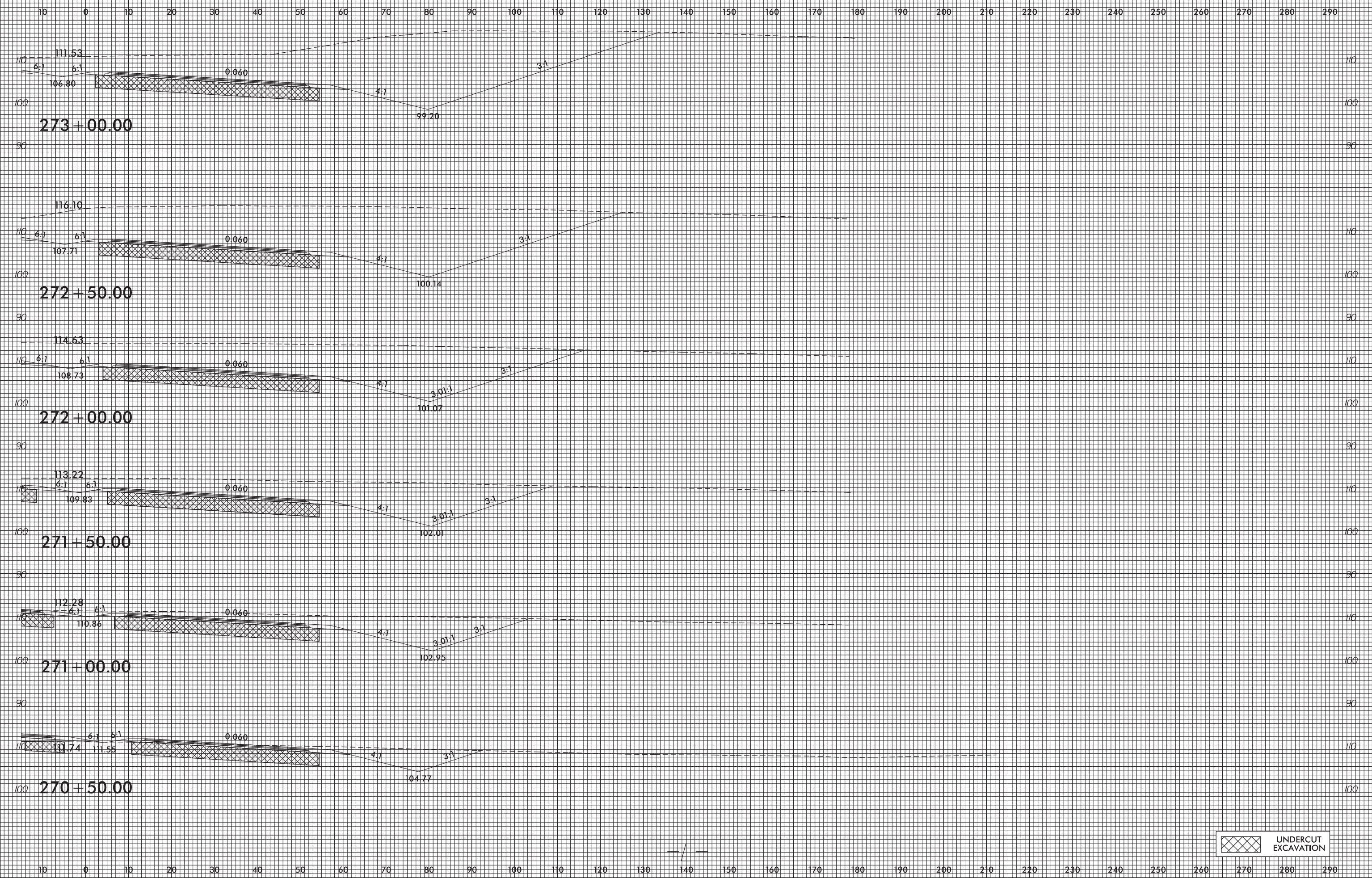
UNDERCUT EXCAVATION

25-MAR-2019 12:26  
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 mel.r.on.dough



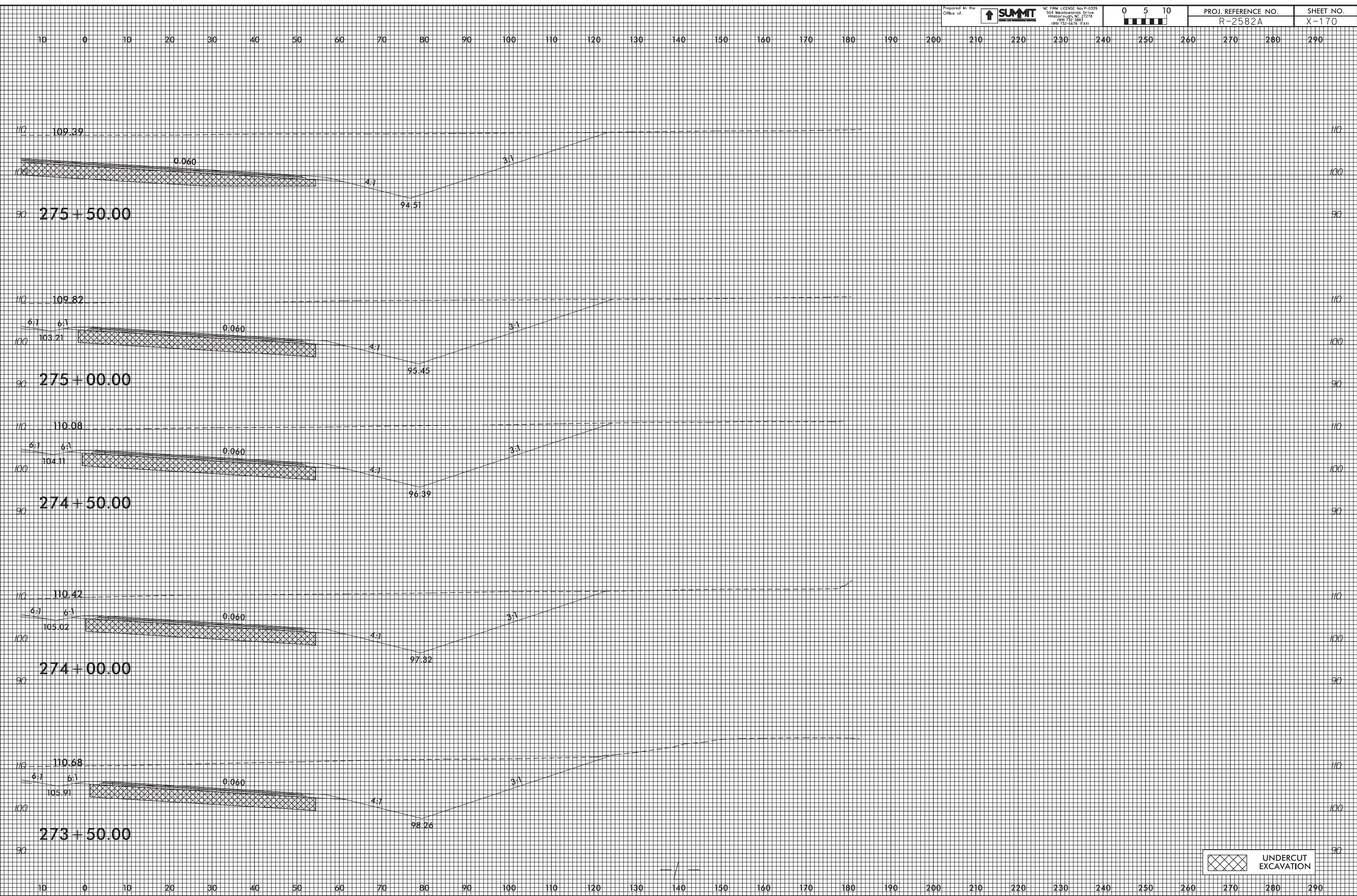
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 mel.rondagh

UNDERCUT EXCAVATION



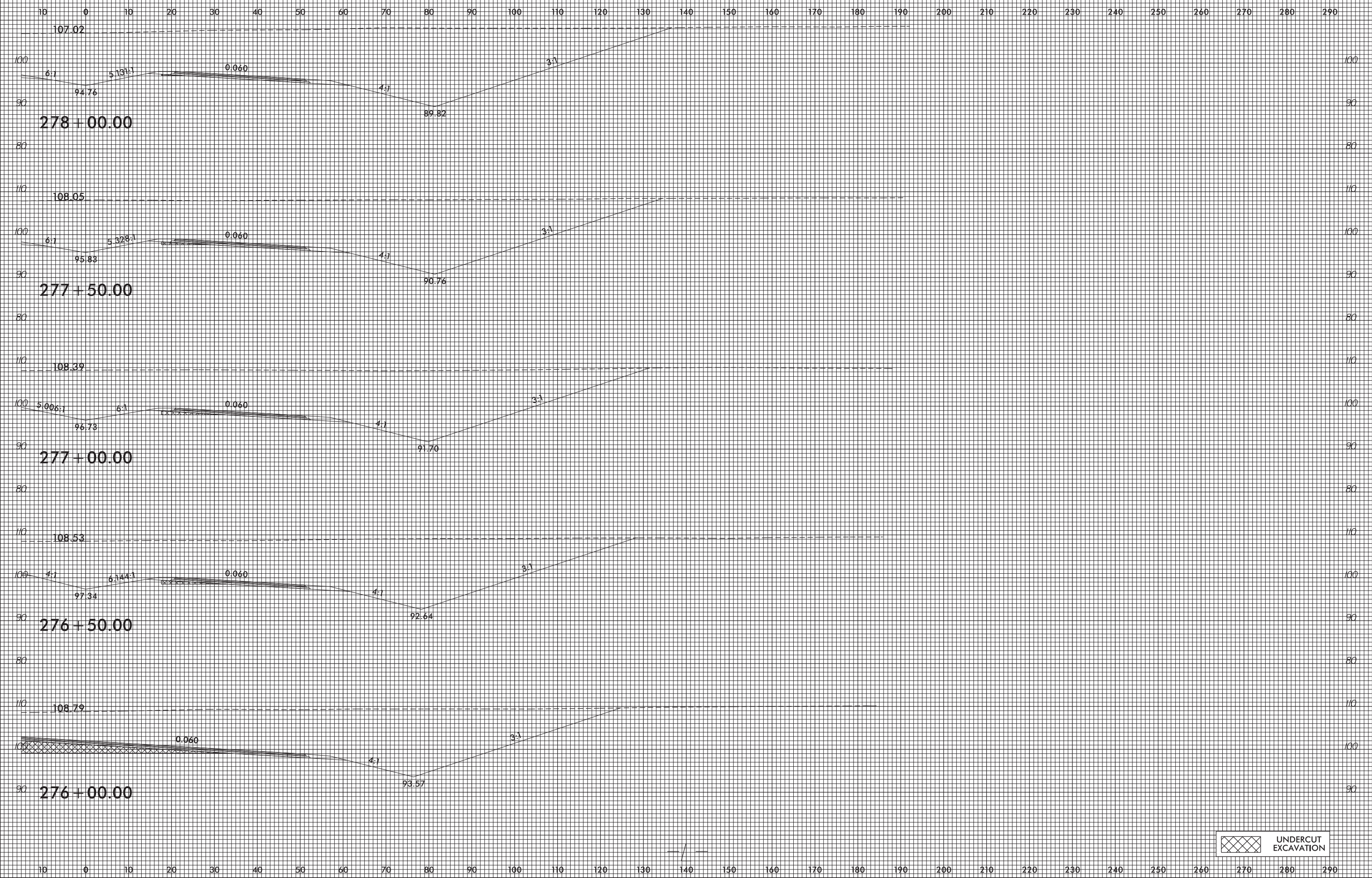
UNDERCUT EXCAVATION

25-MAR-2019 12:27  
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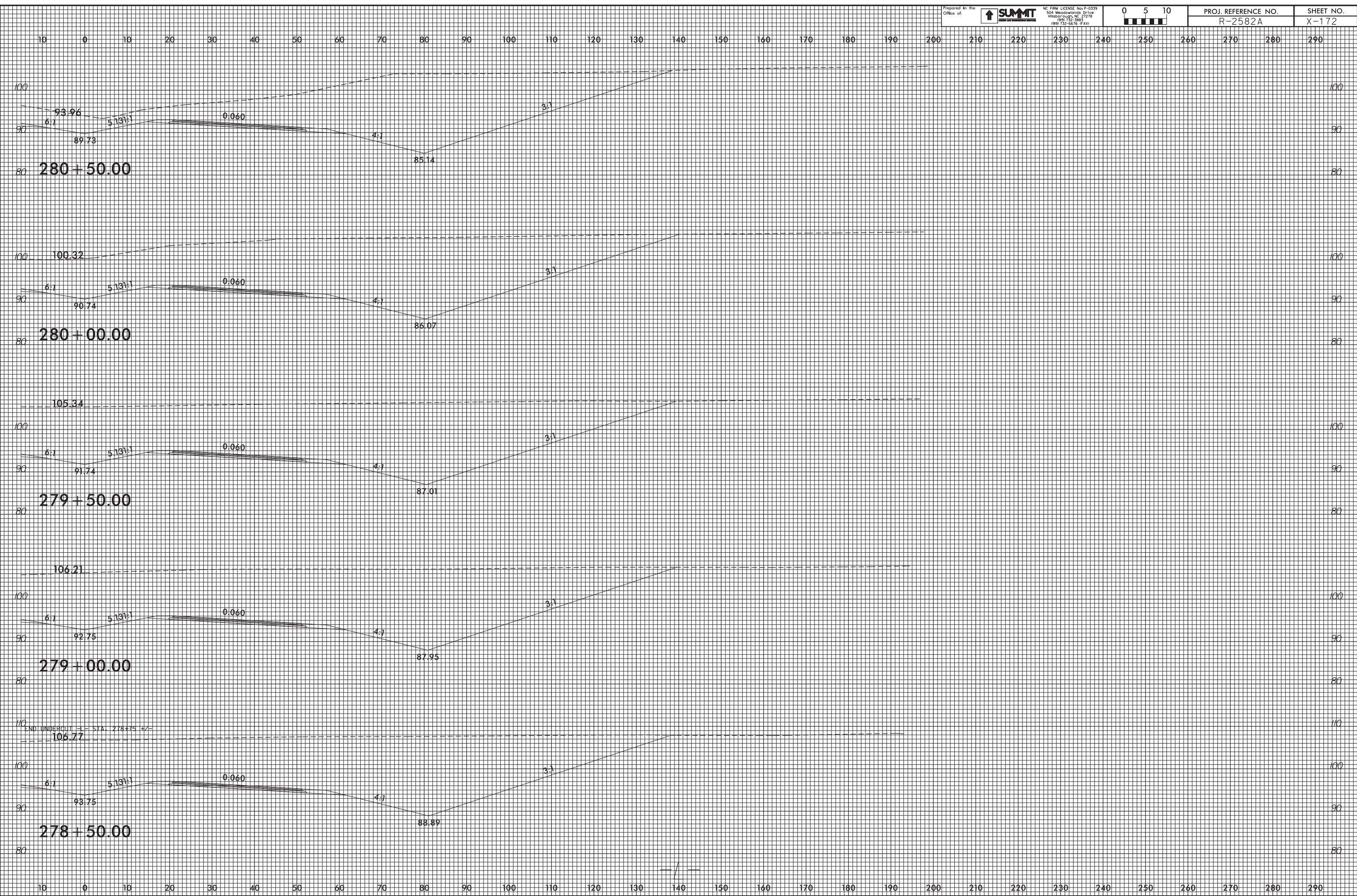
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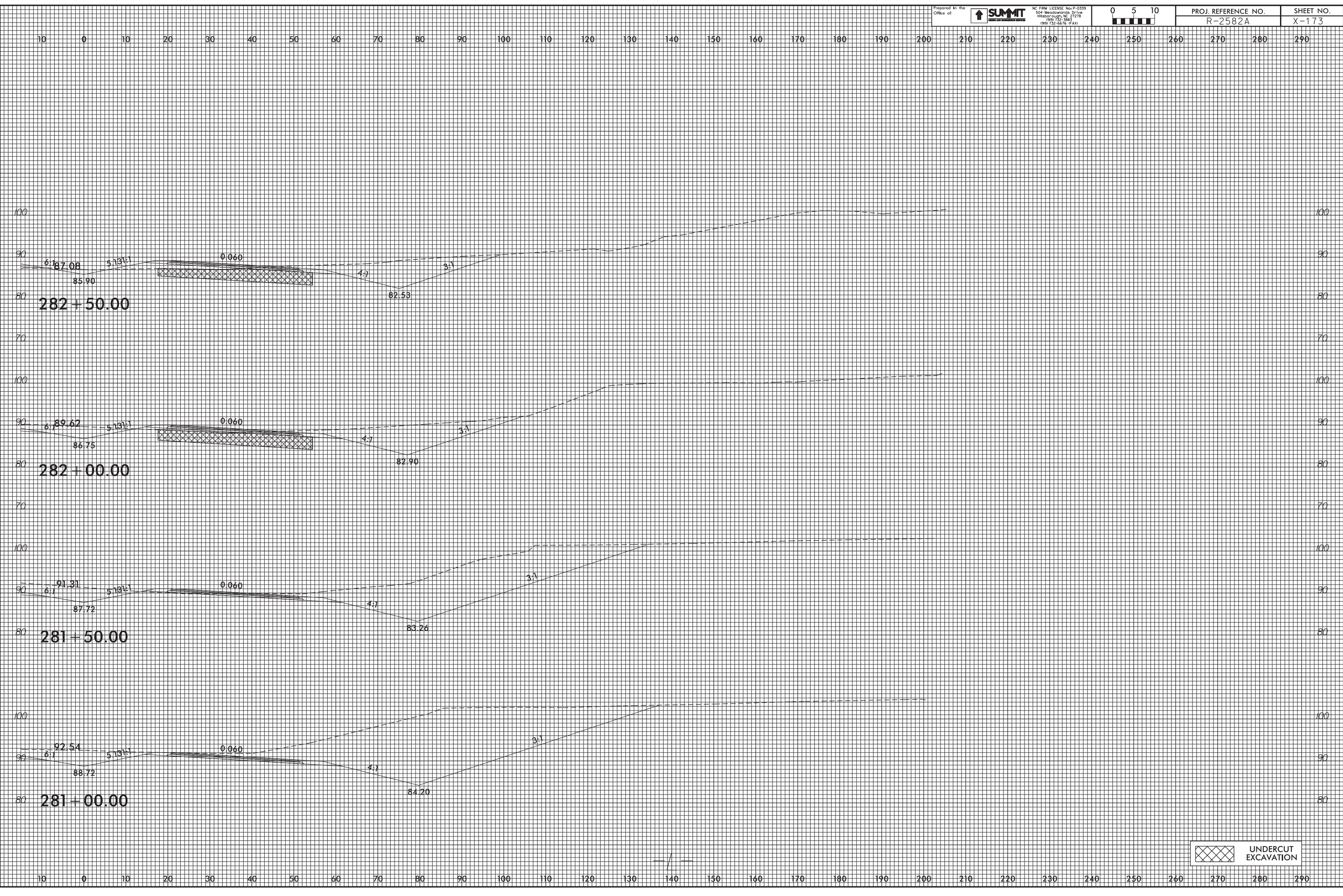


UNDERCUT EXCAVATION

25-MAR-2019 12:29  
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 mel.rondough



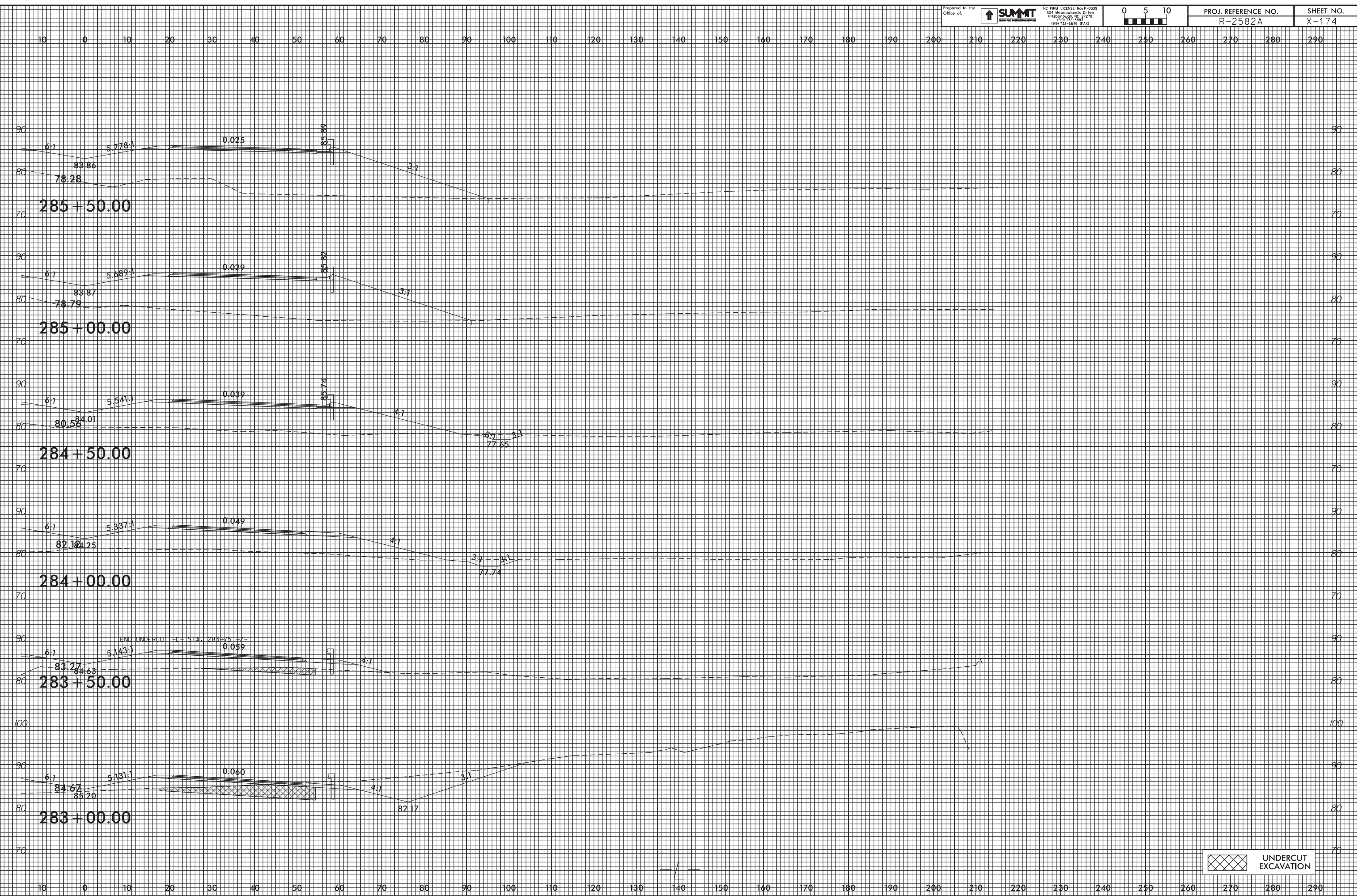
25-MAR-2009 12:29  
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UNDERCUT EXCAVATION

25-MAR-2019 12:30  
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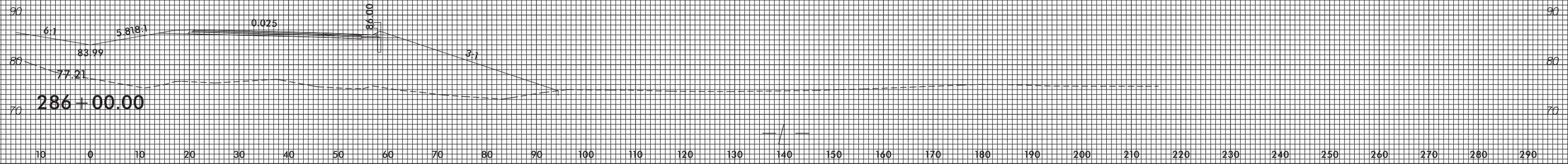




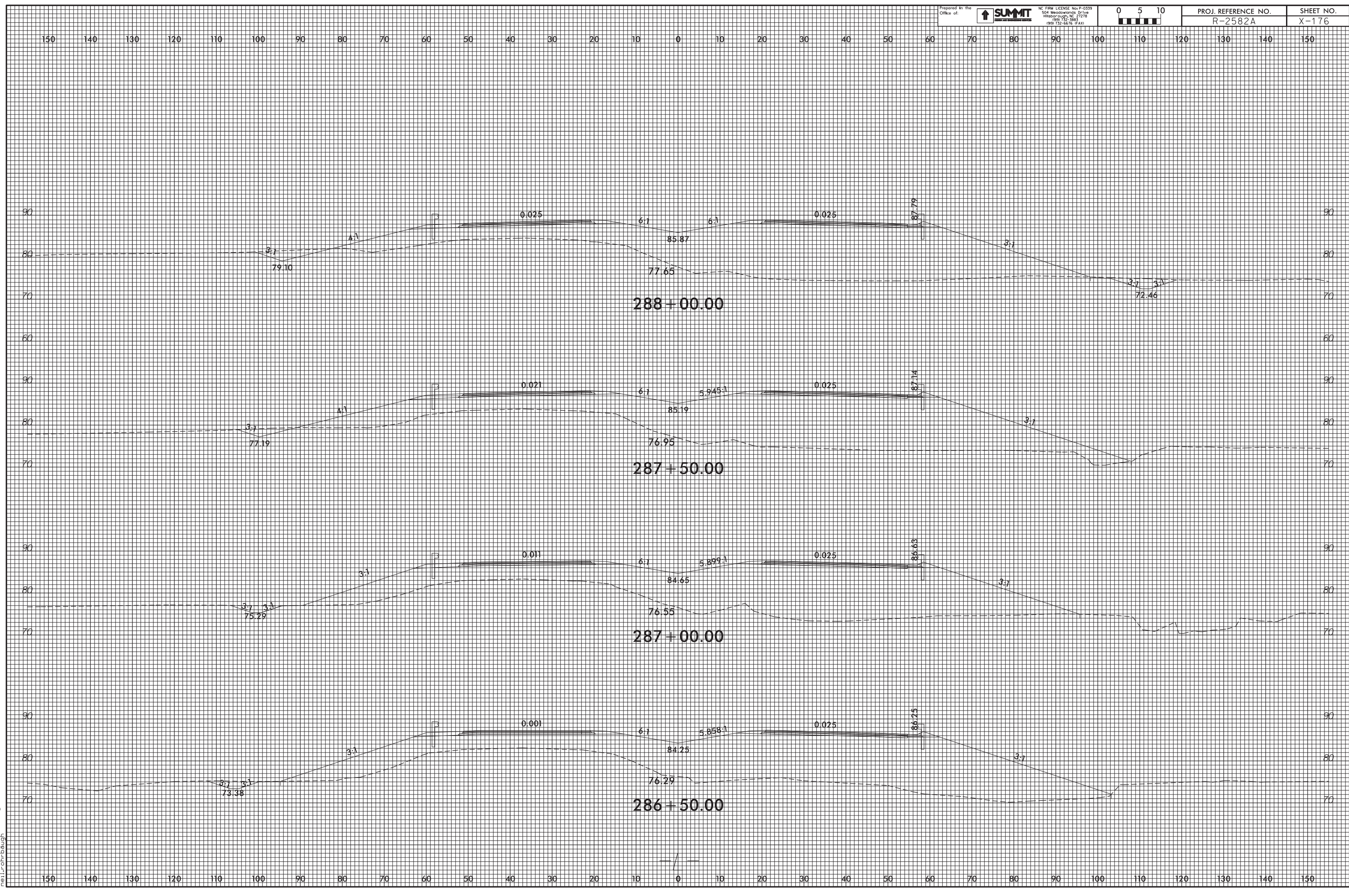
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UNDERCUT EXCAVATION

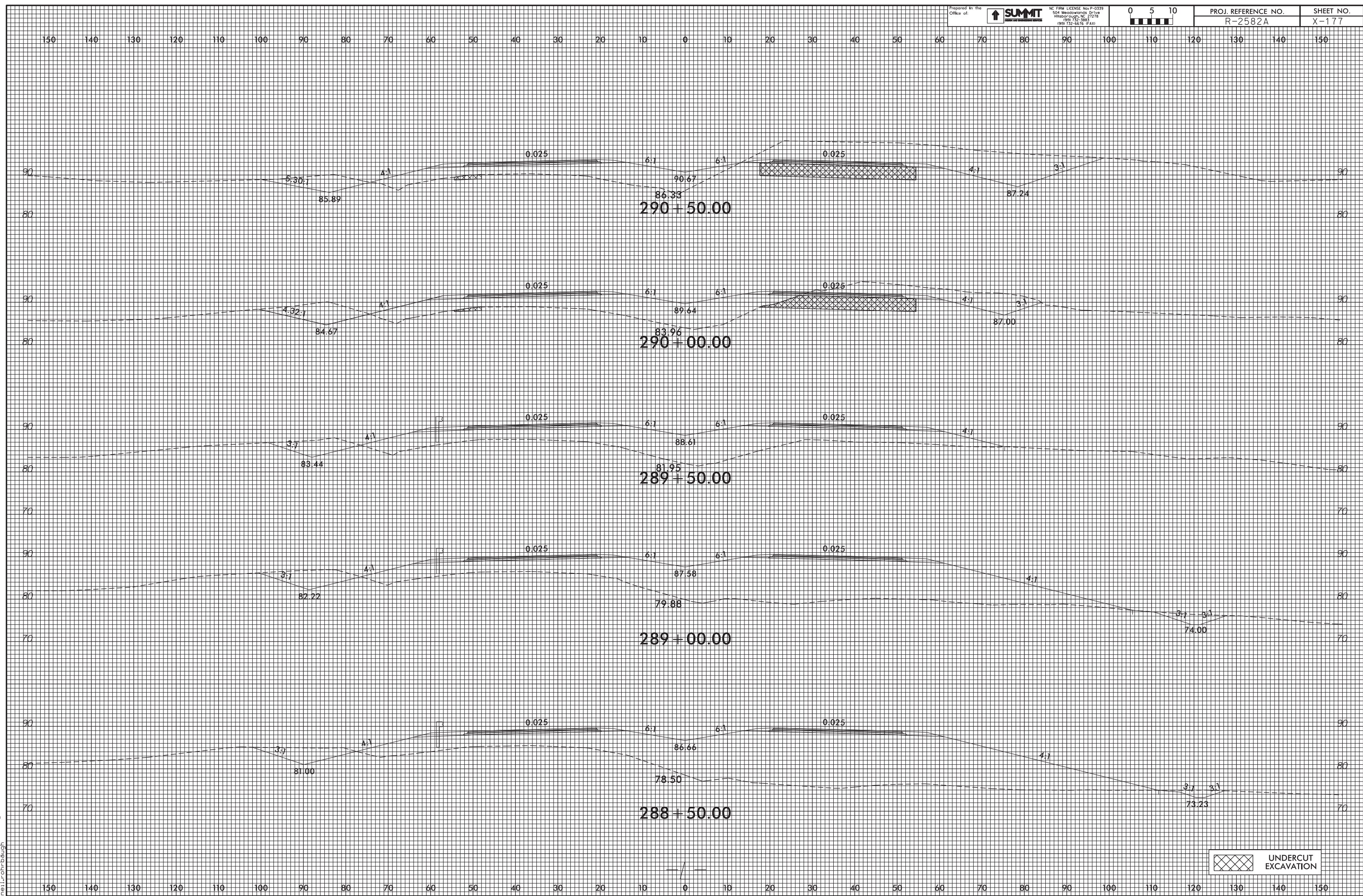
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25-MAR-2009 12:32  
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mellr.on.dwg

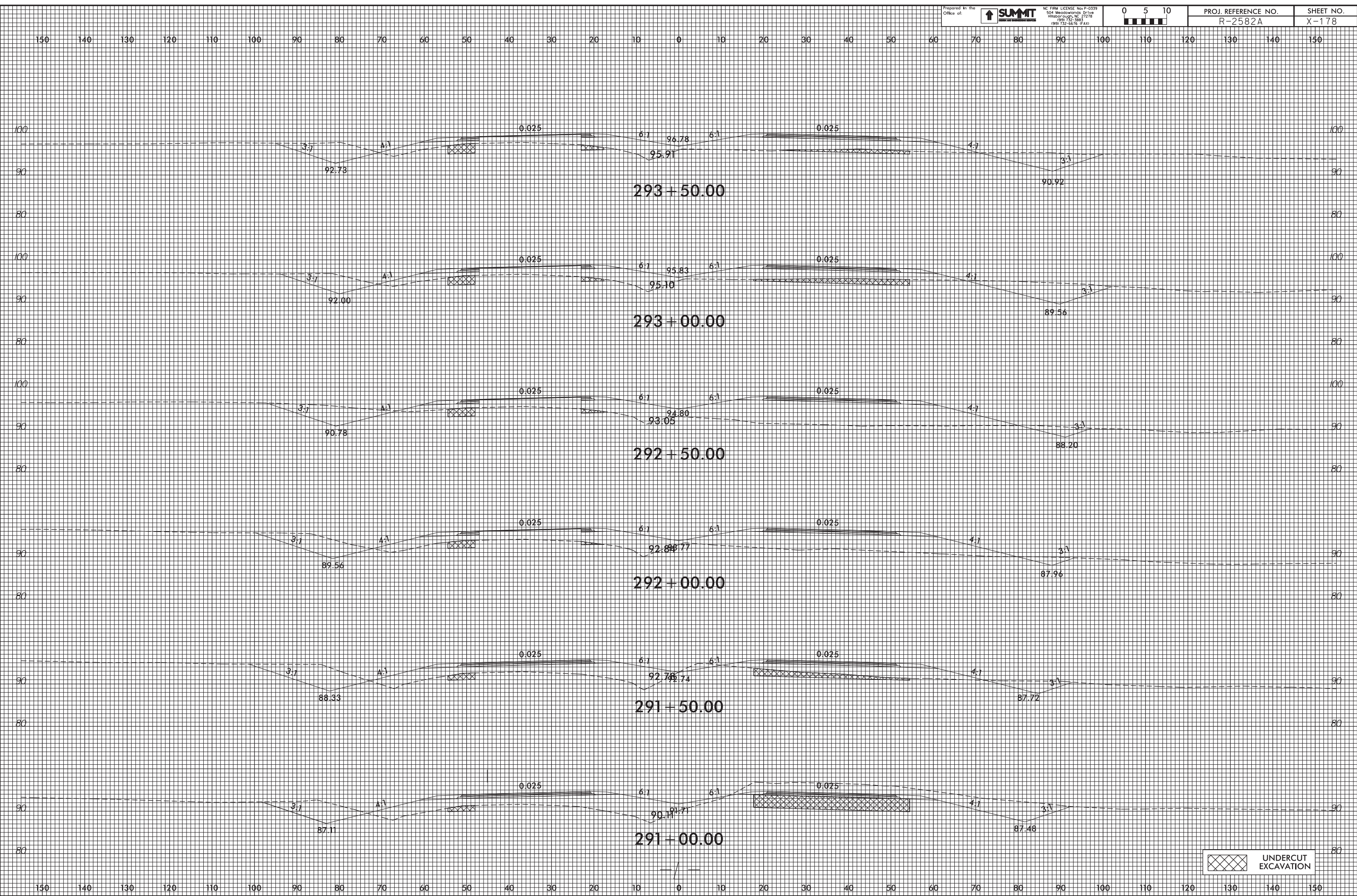


25-MAR-2019 12:32  
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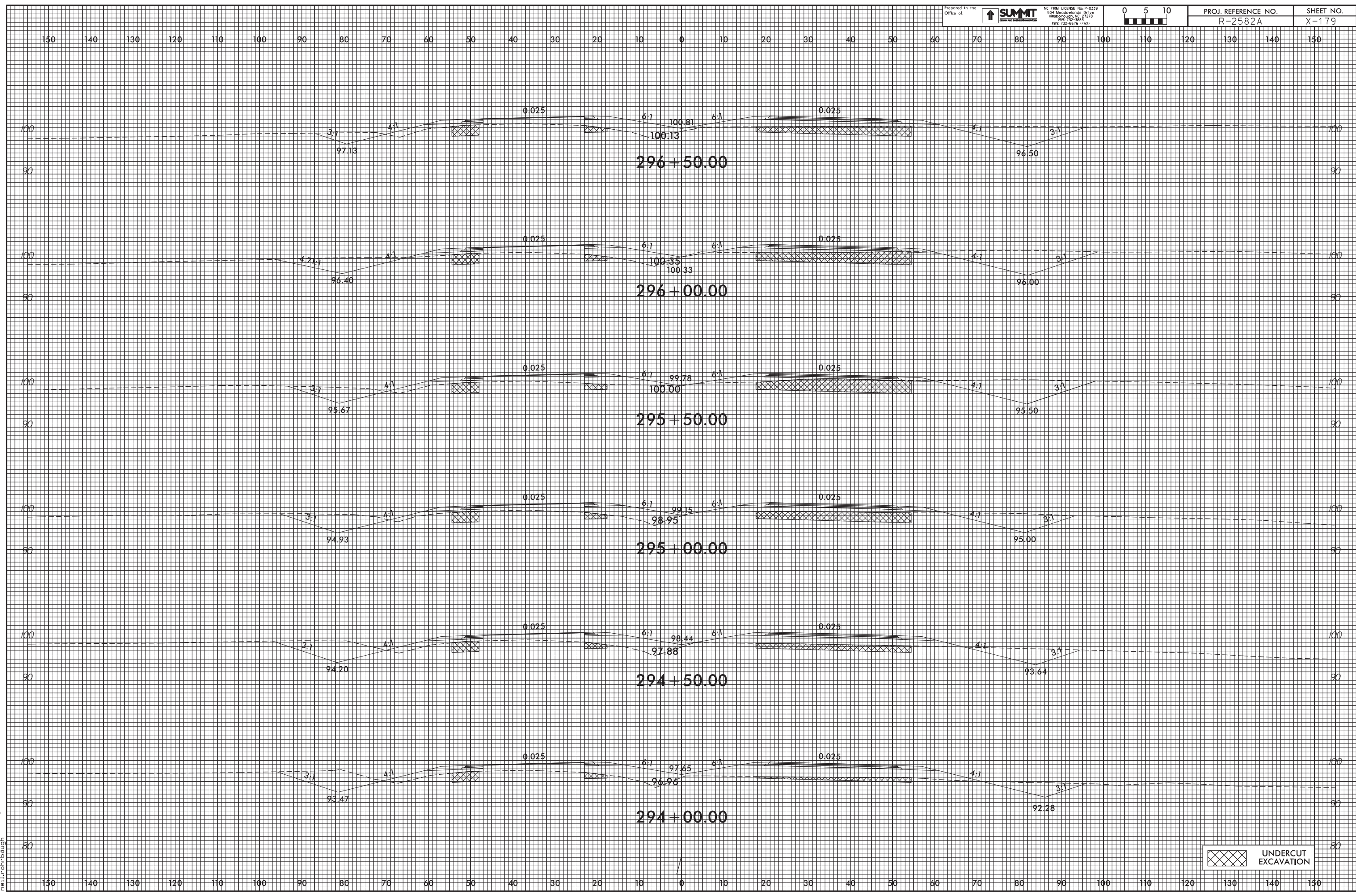
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UNDERCUT EXCAVATION



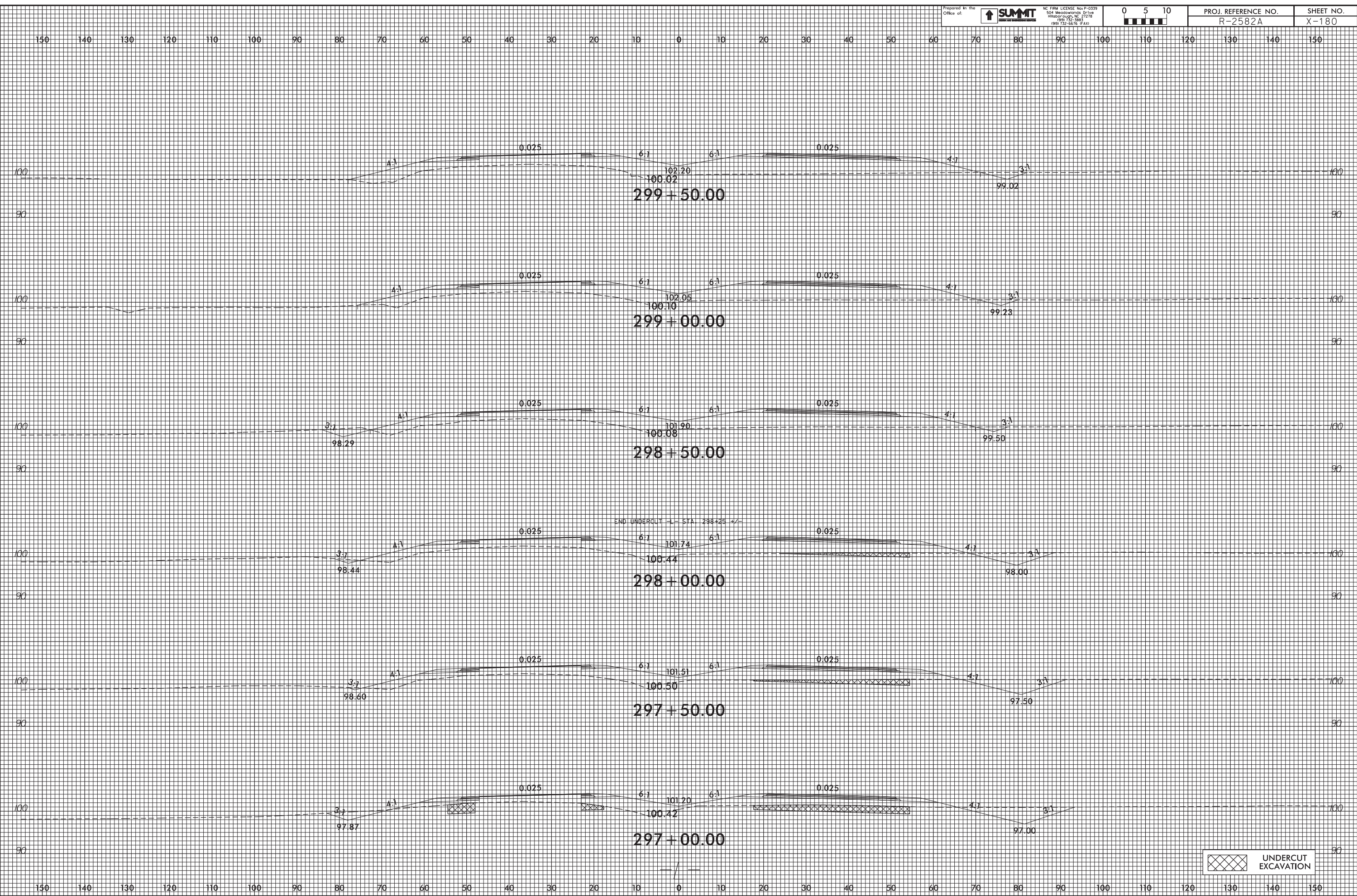
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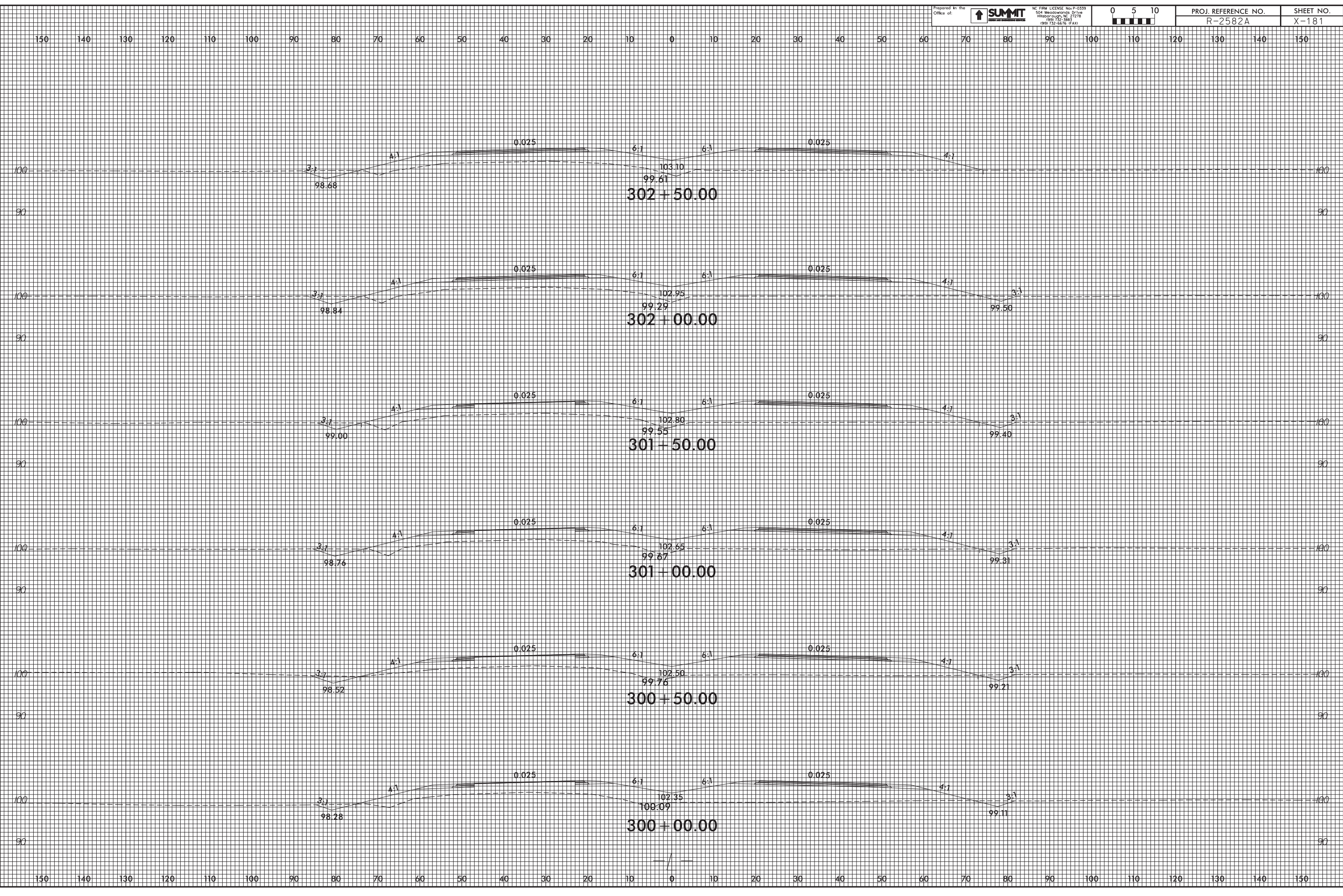
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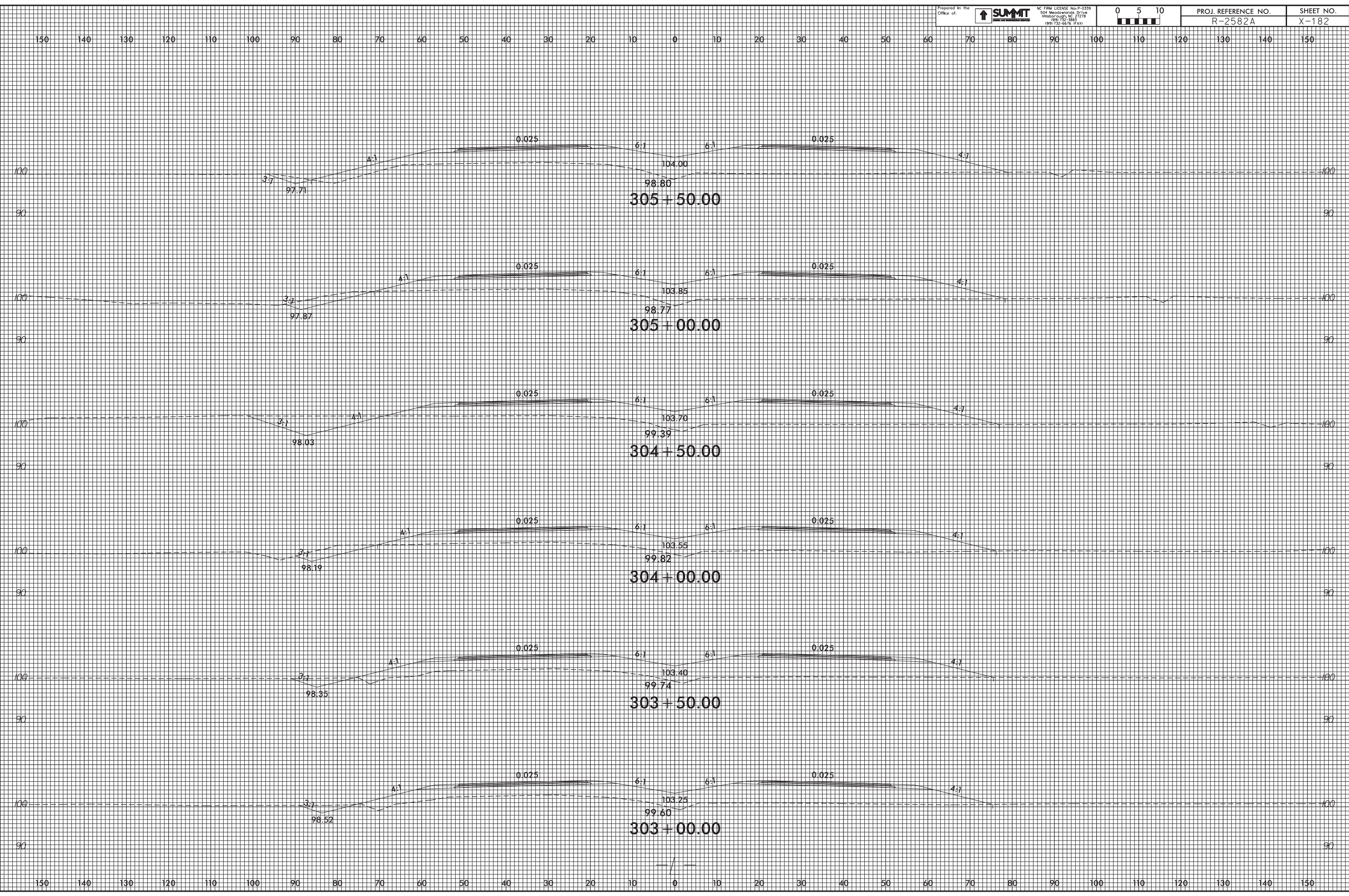
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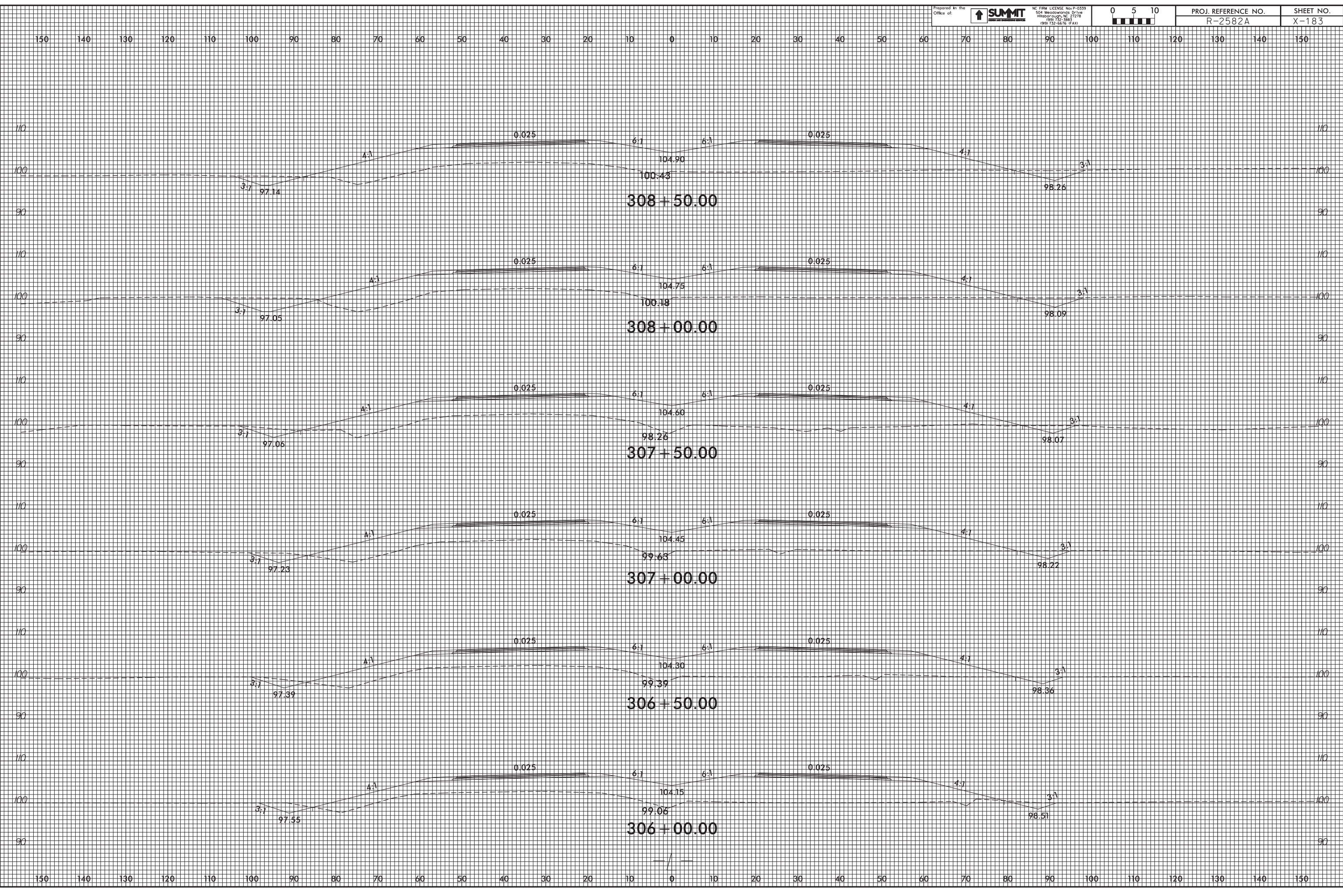
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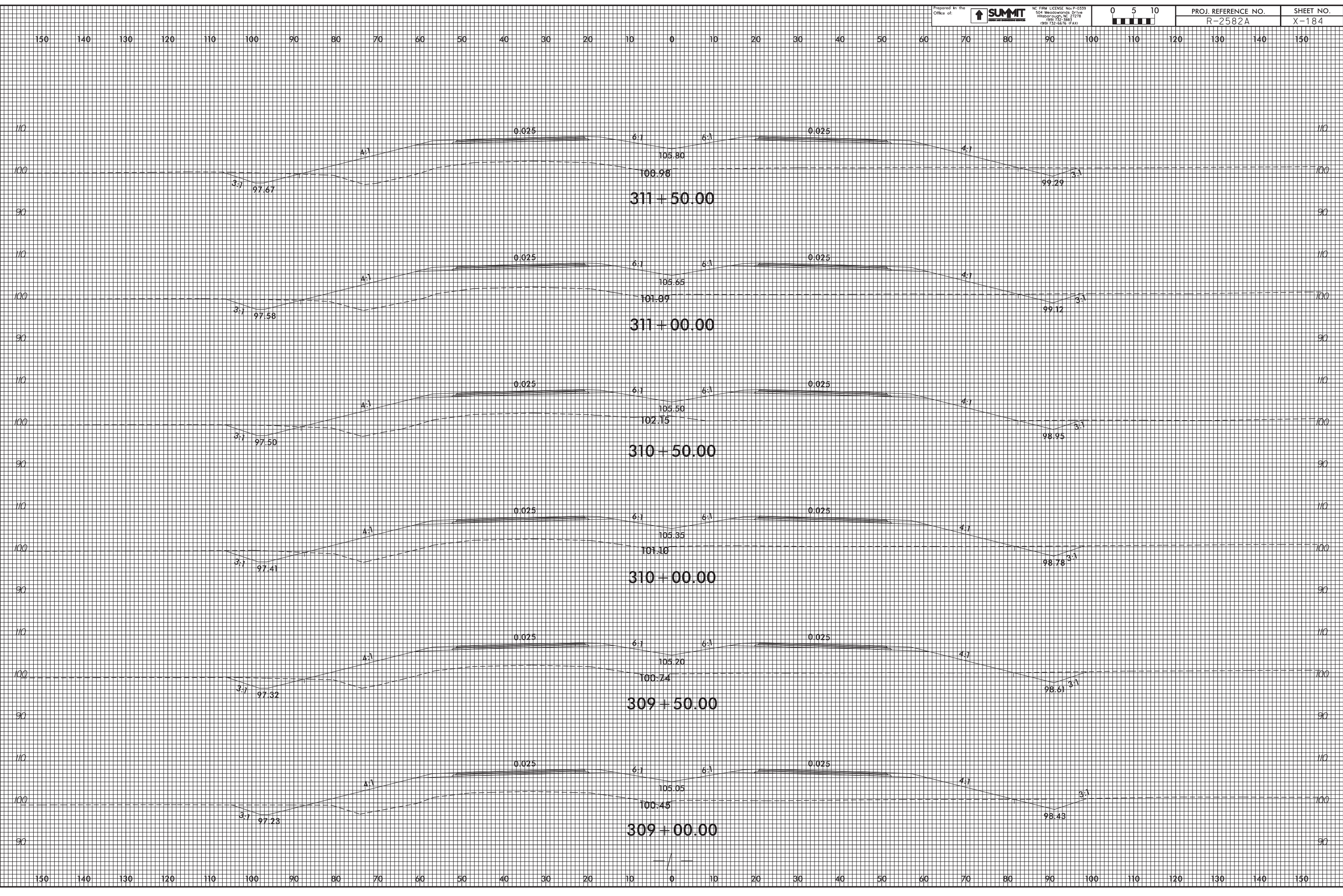
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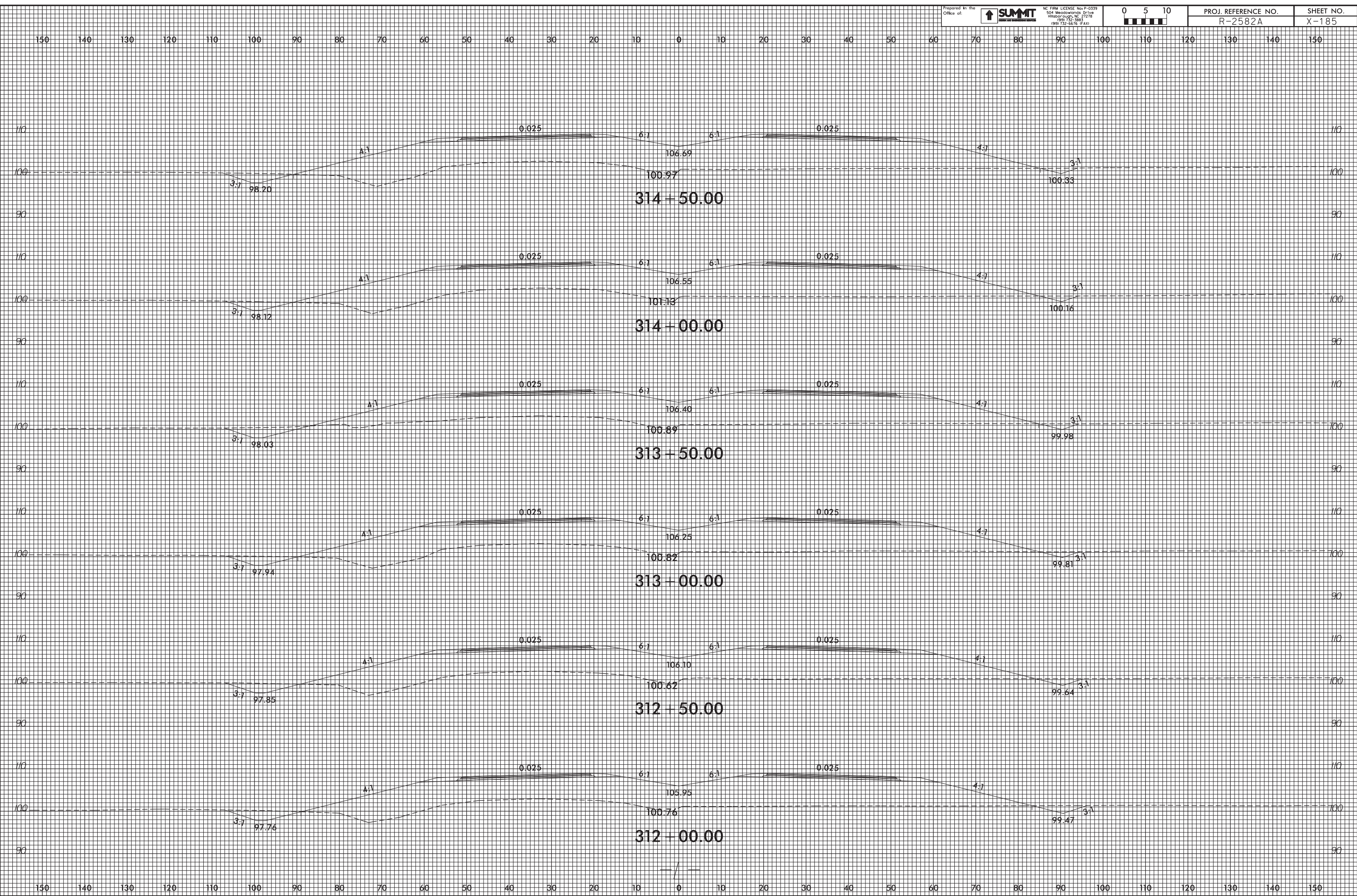




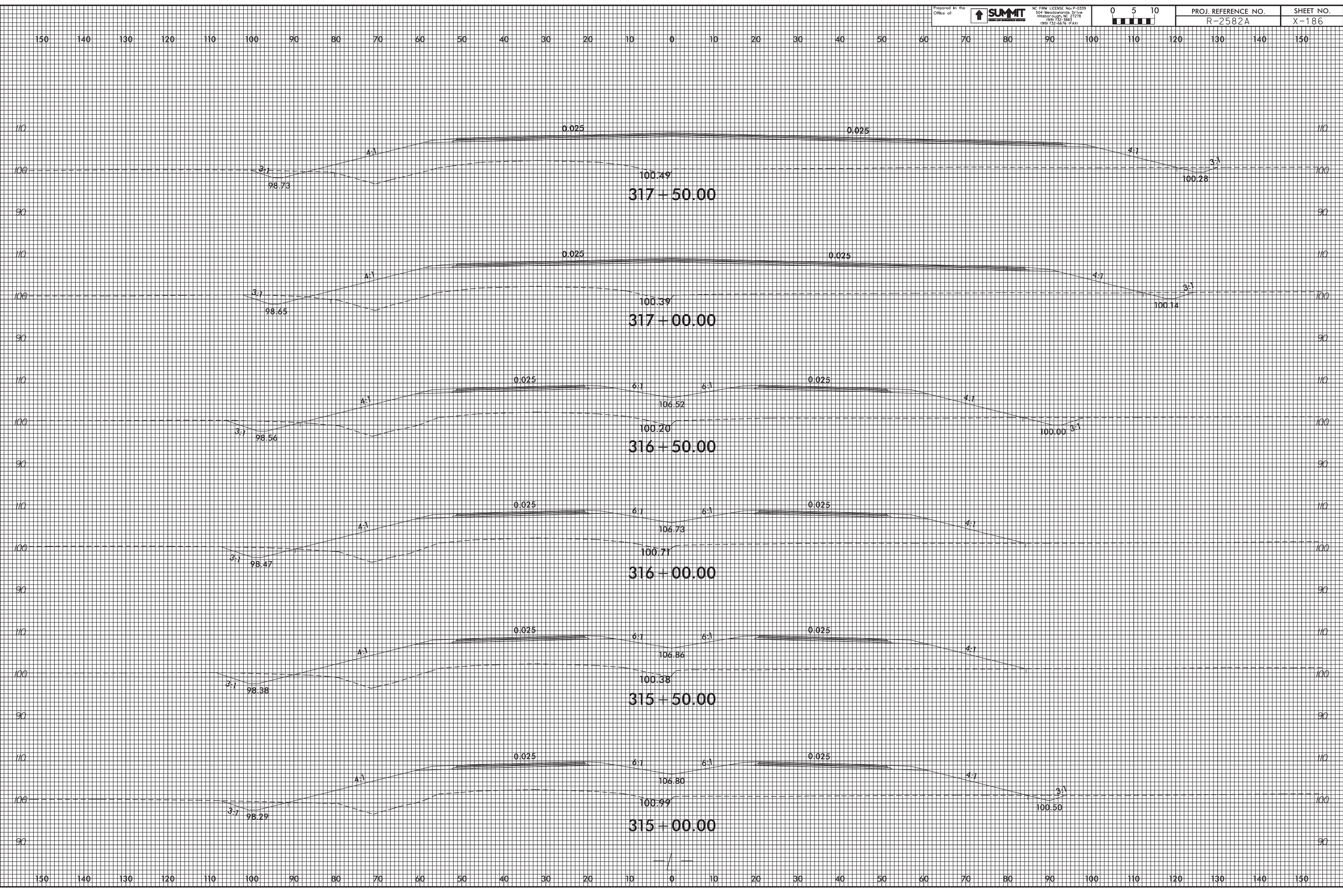


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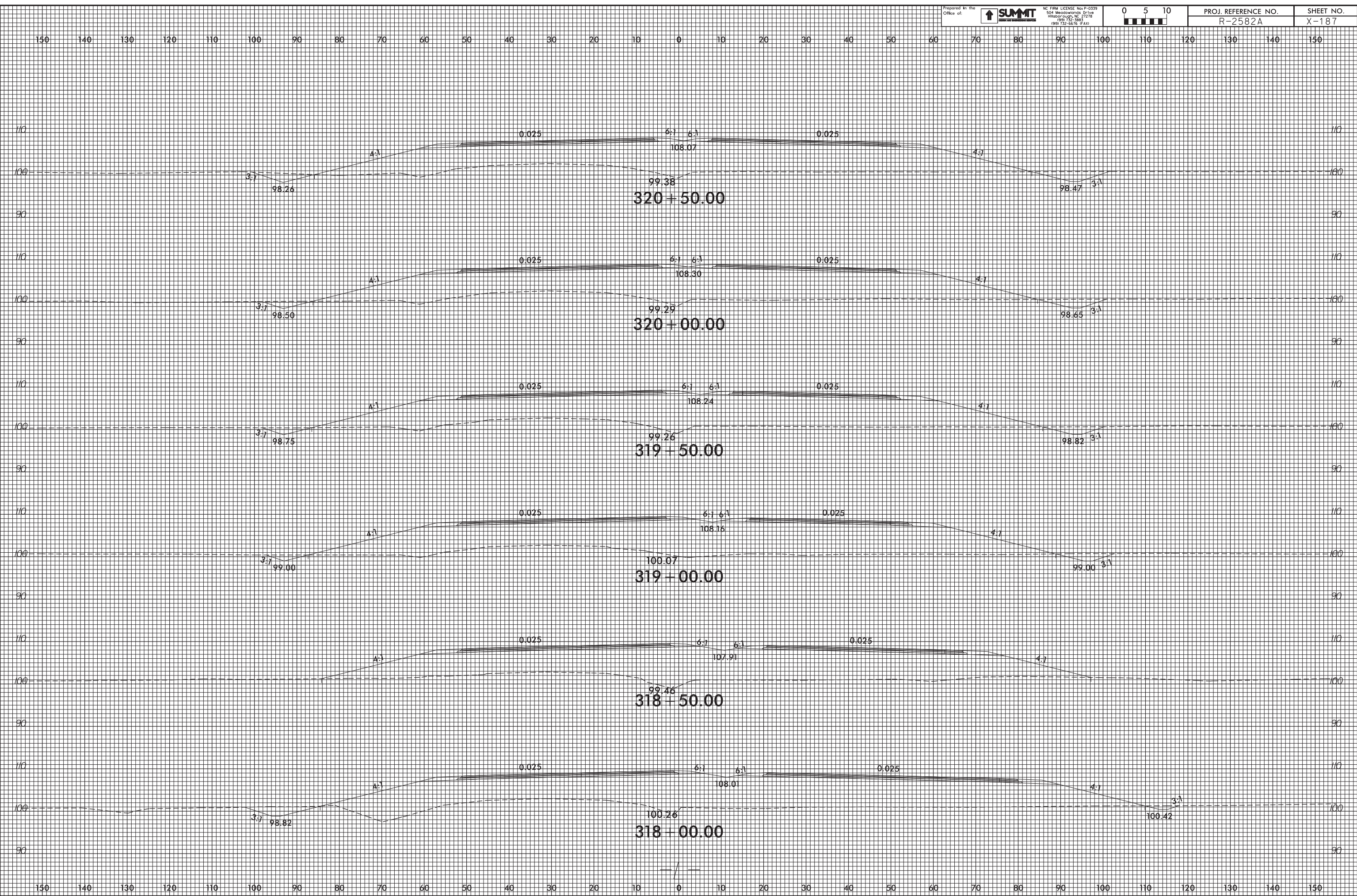


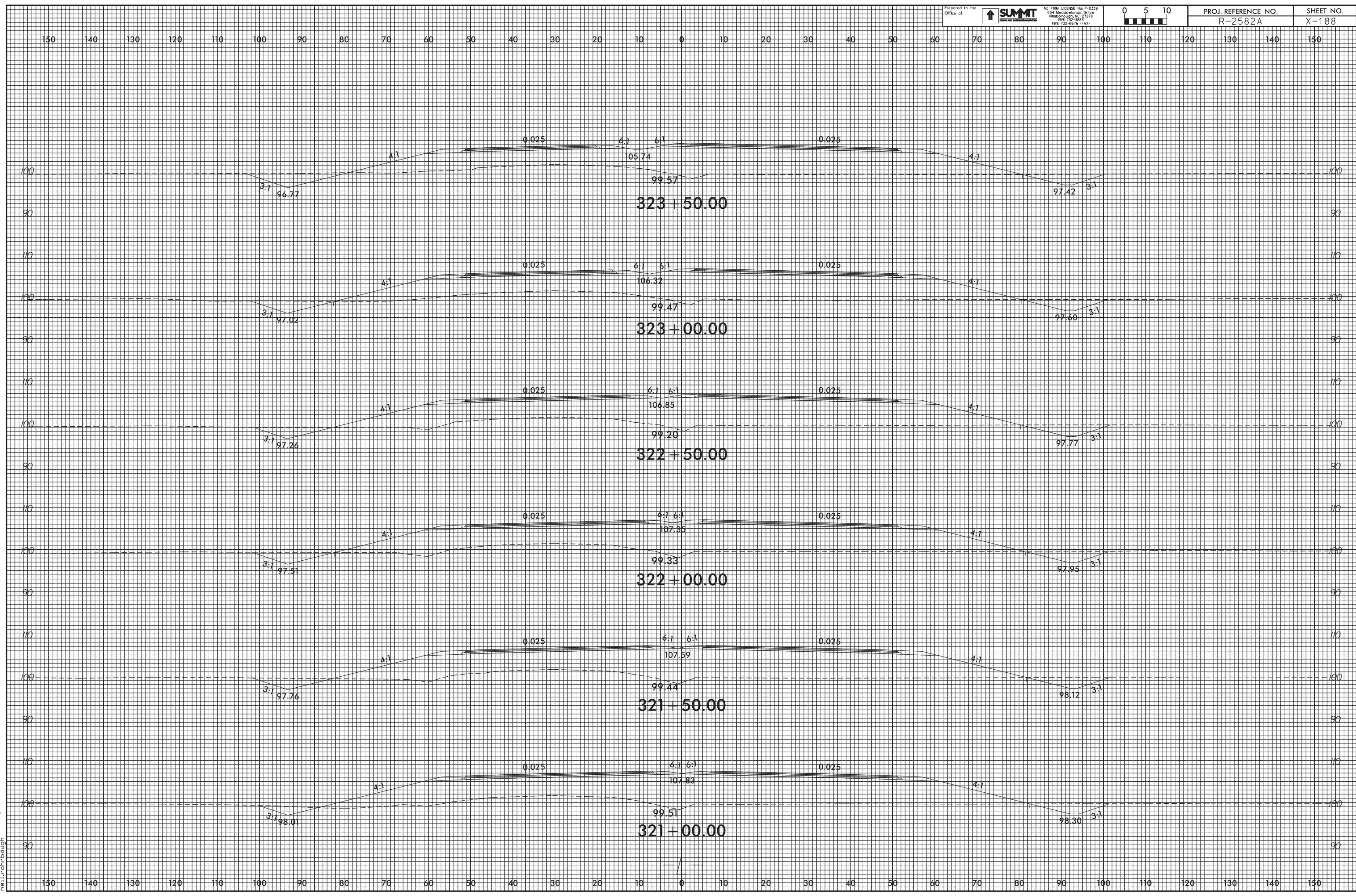


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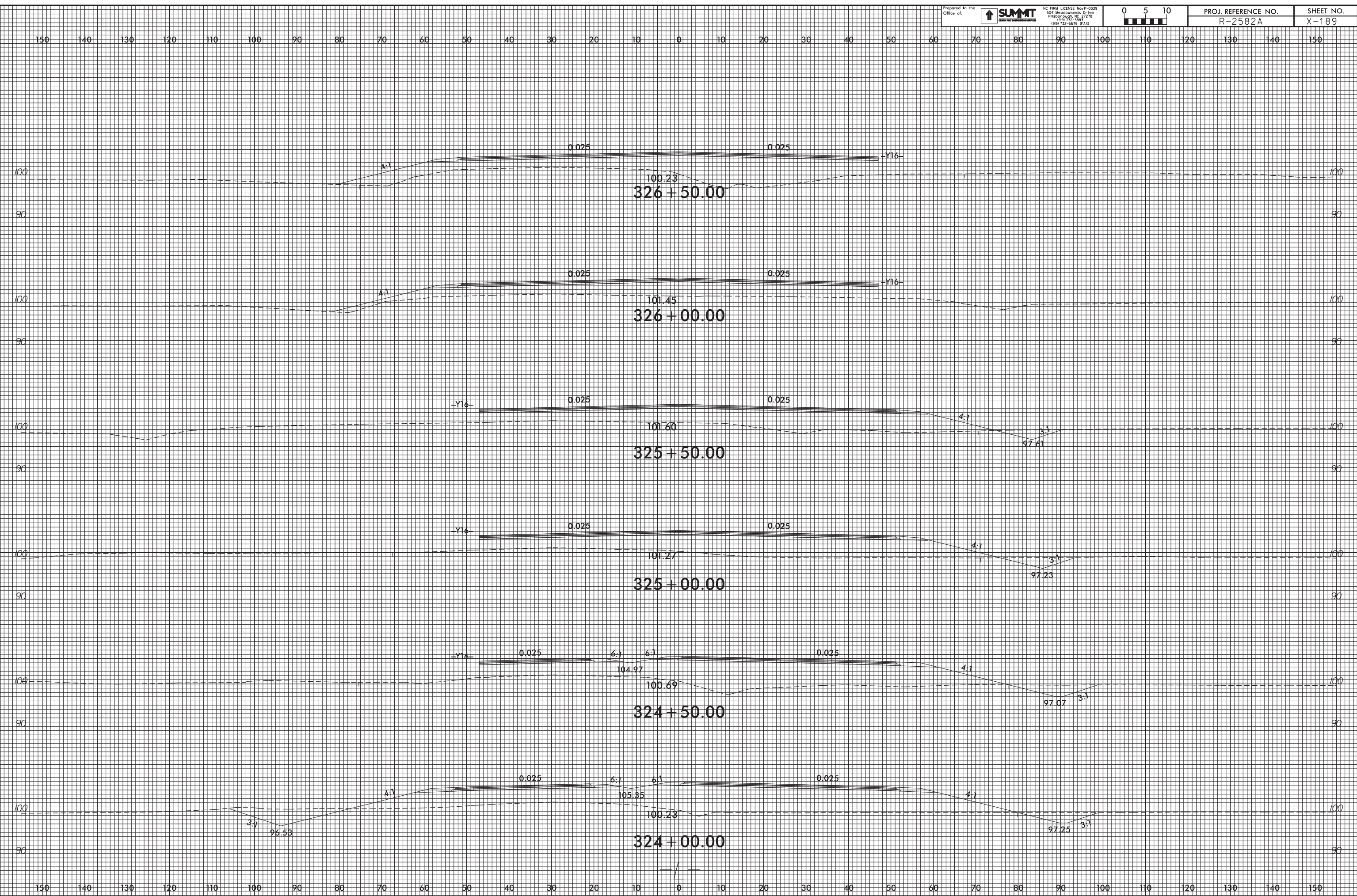


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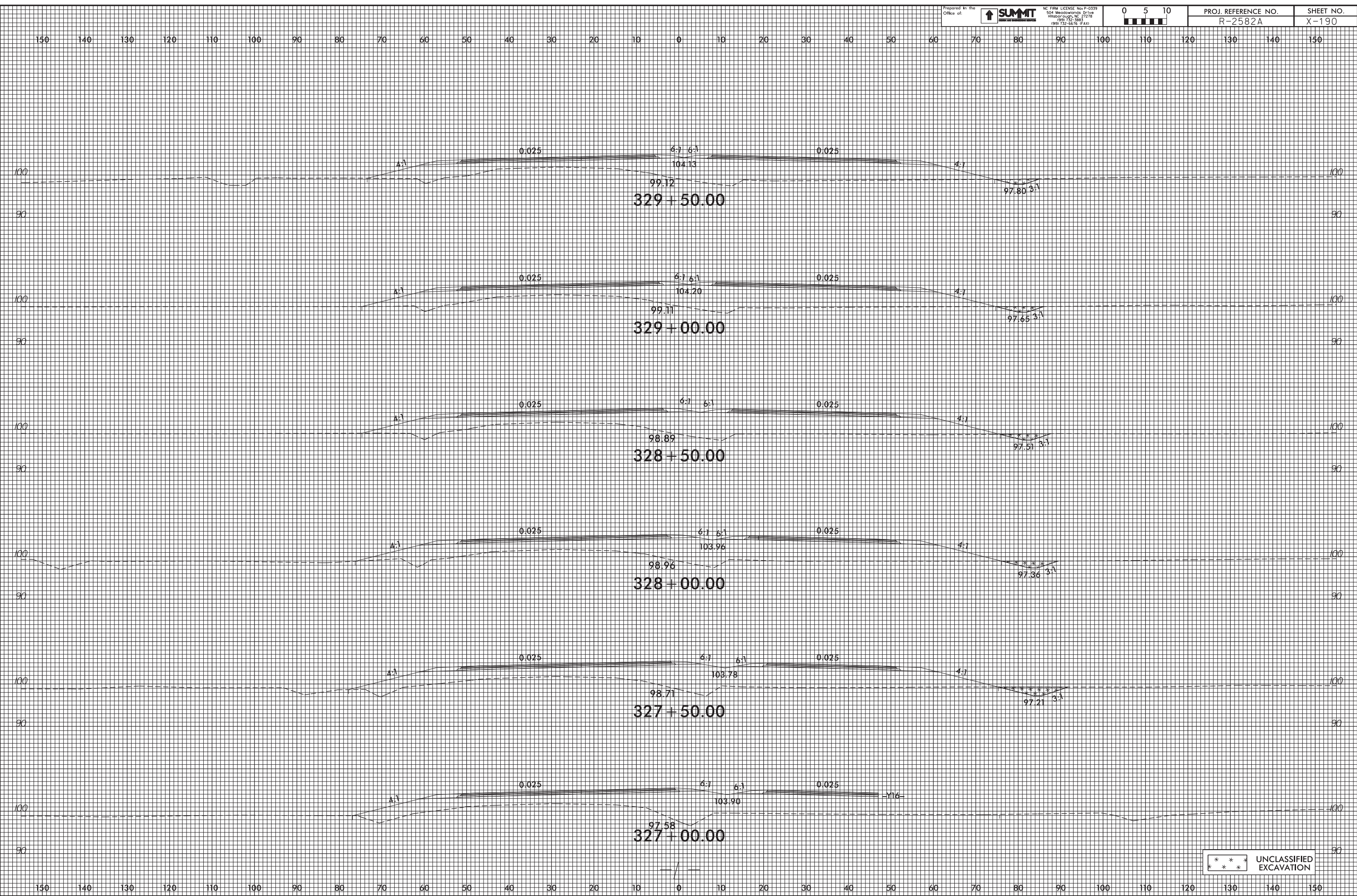


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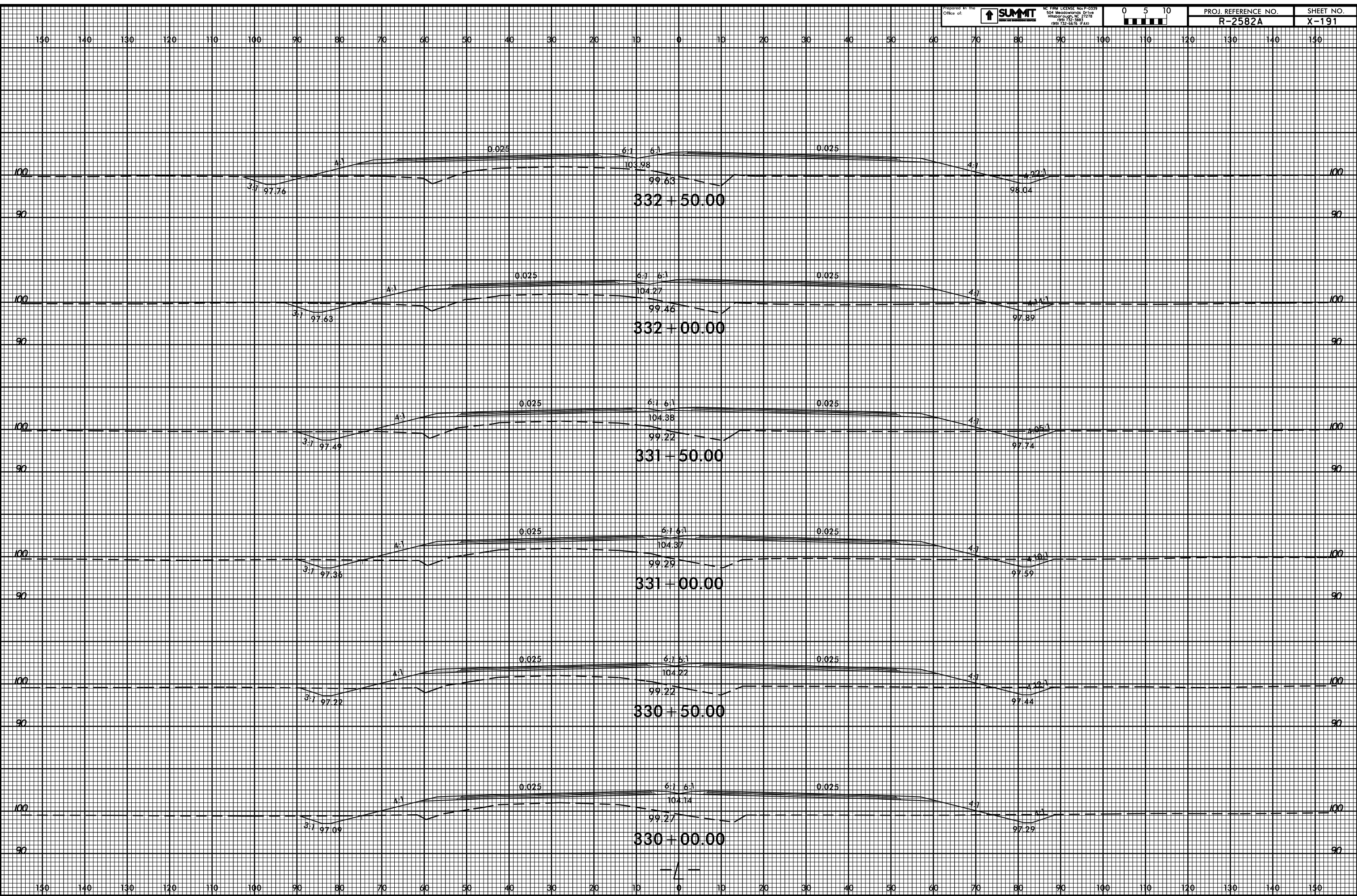


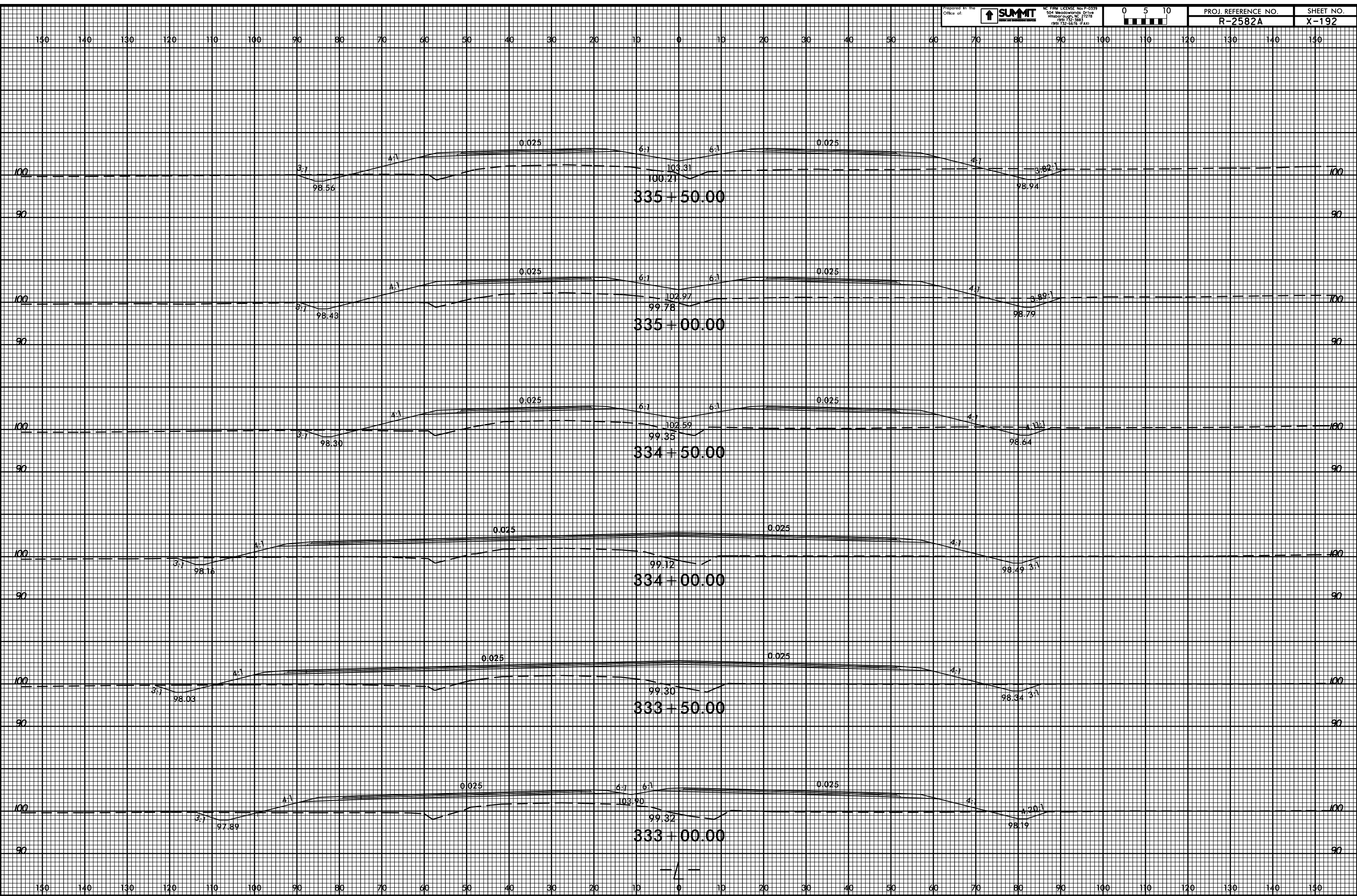
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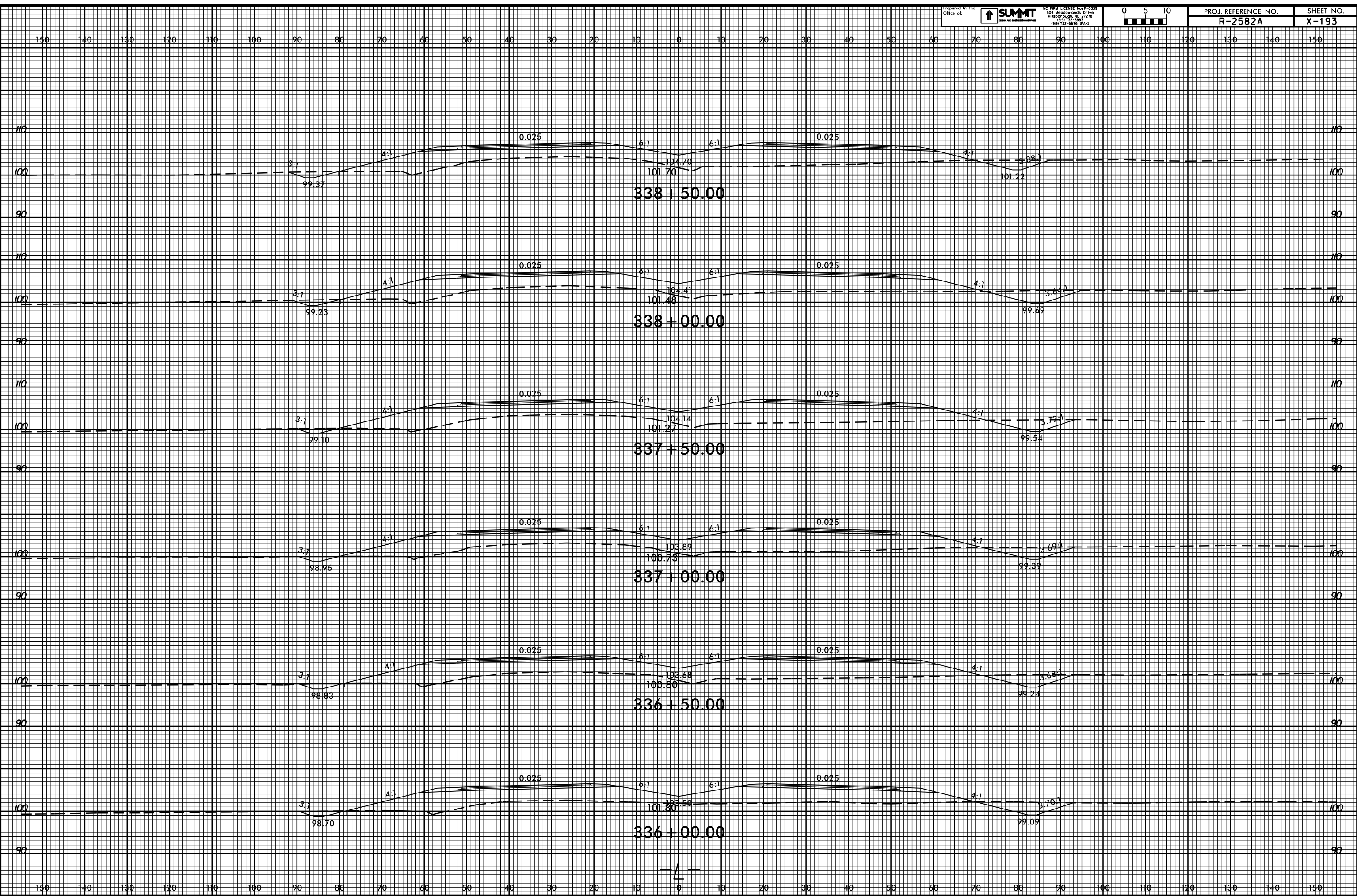


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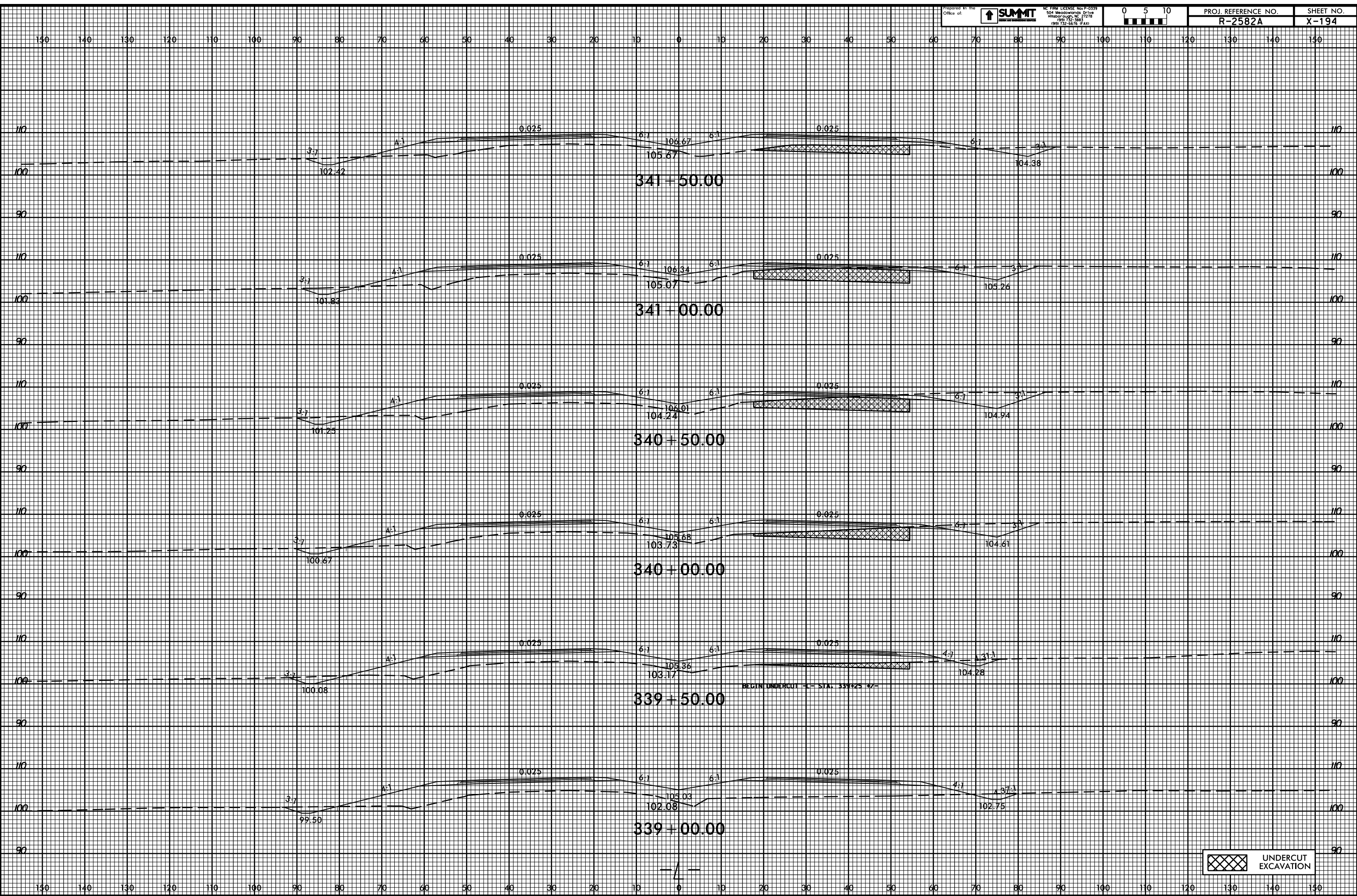




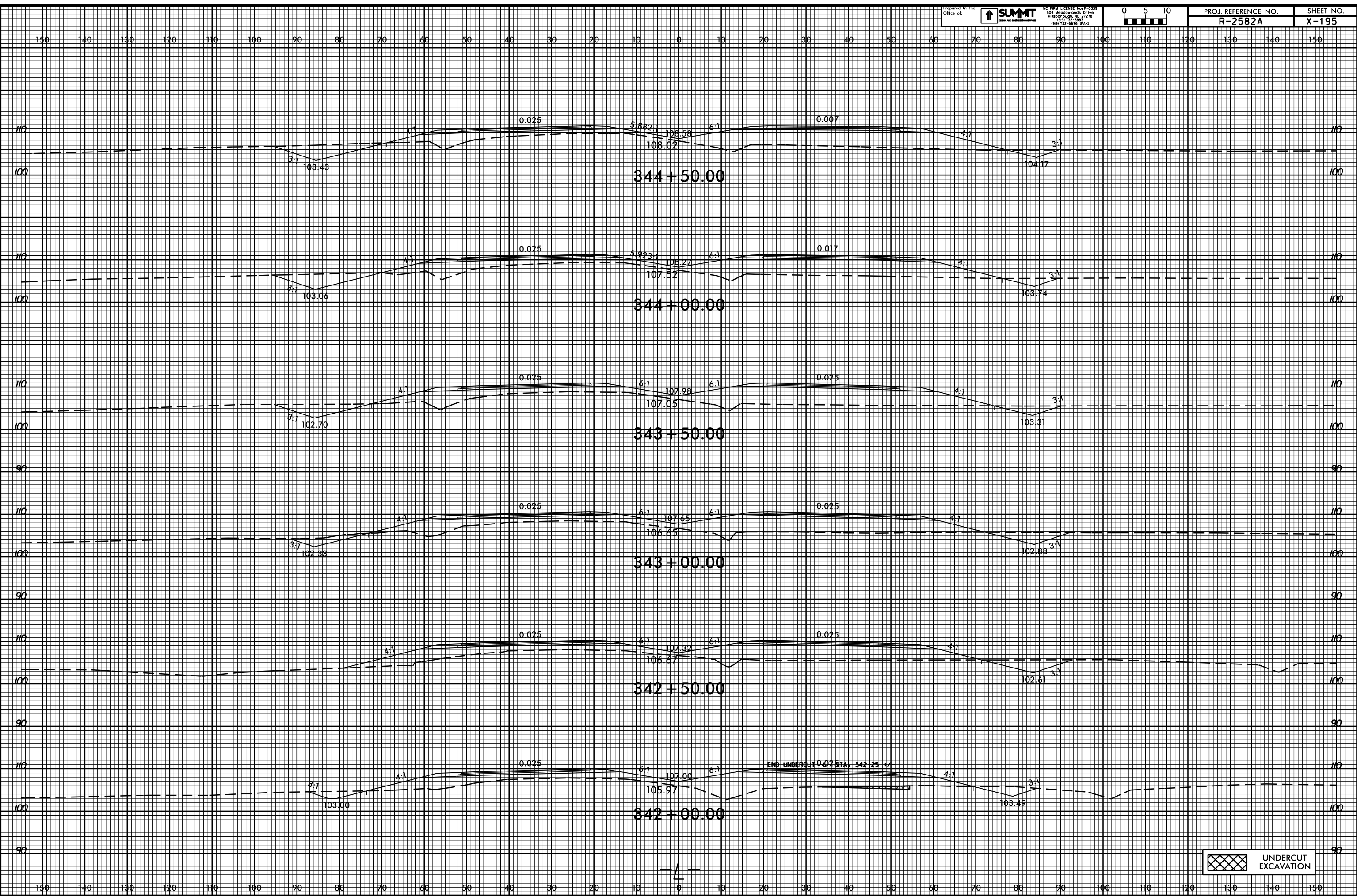
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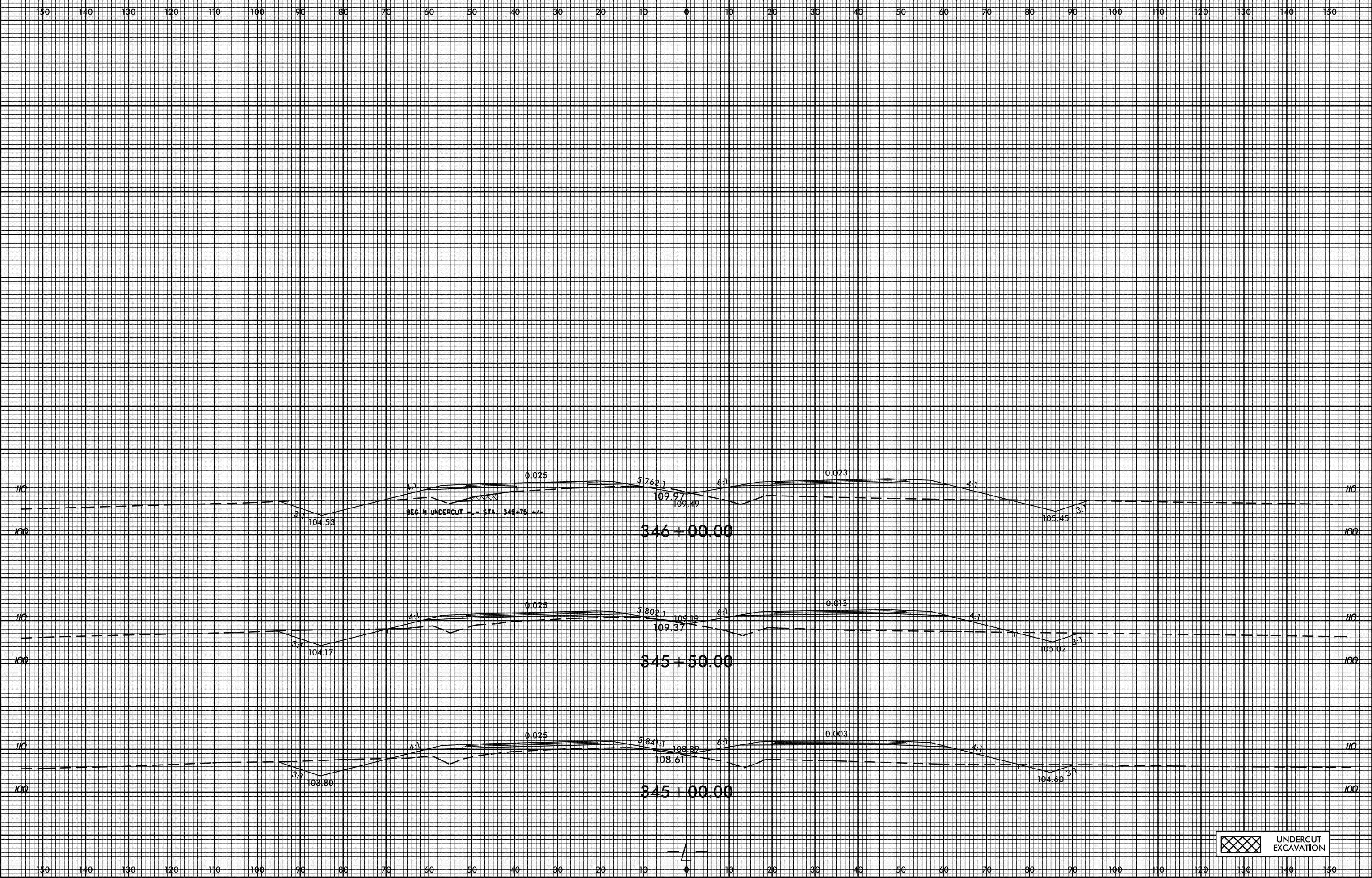


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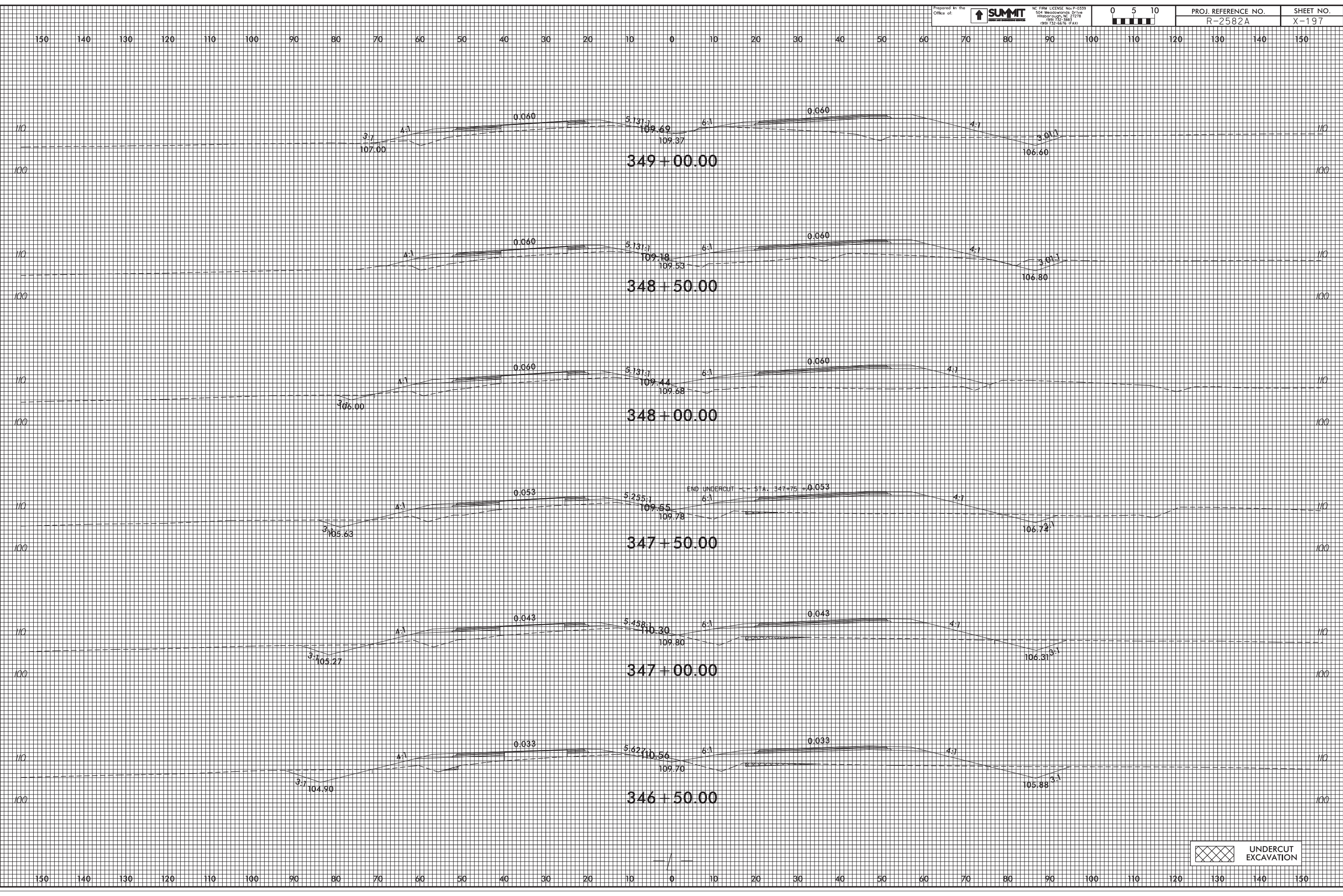
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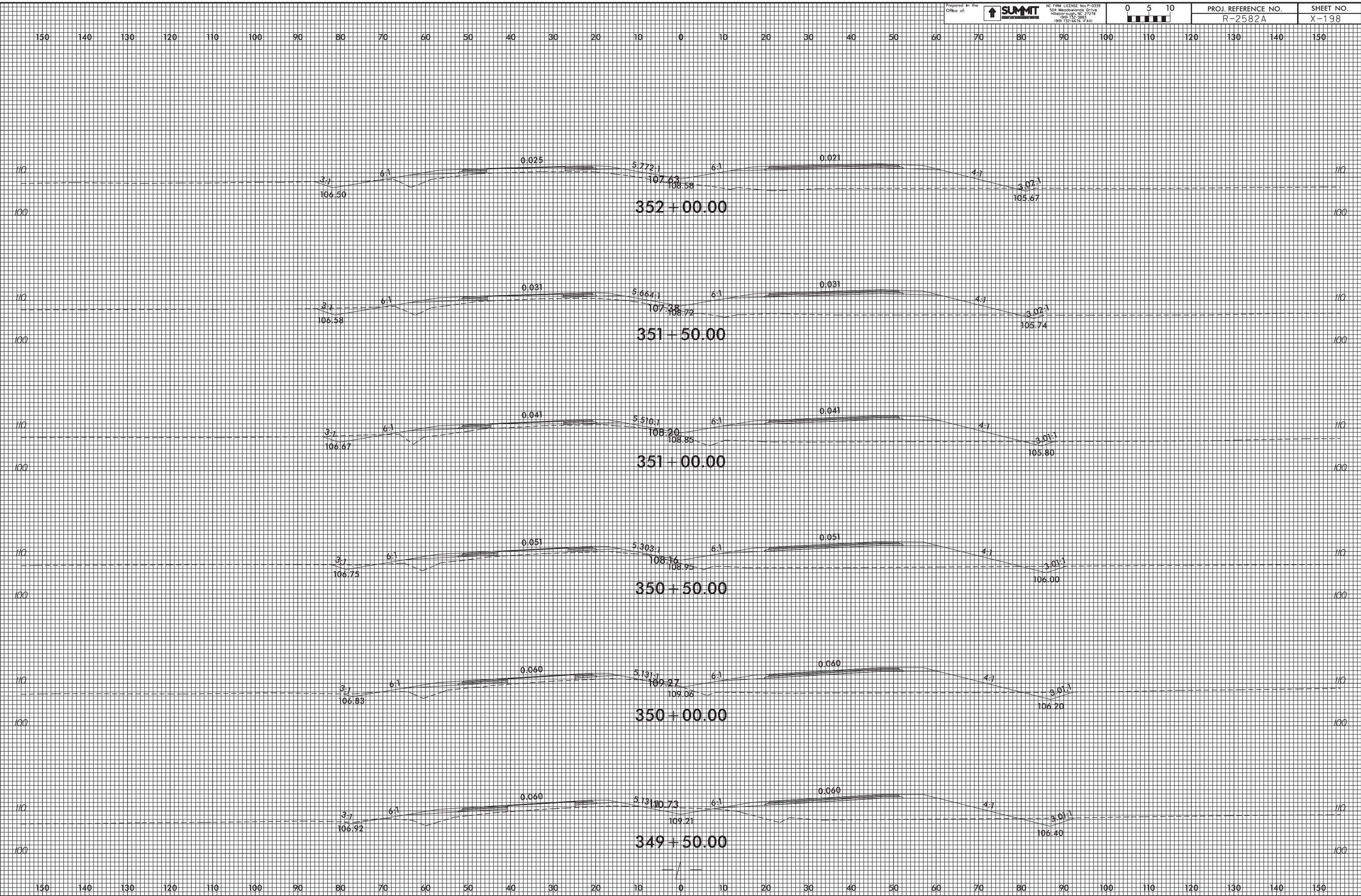
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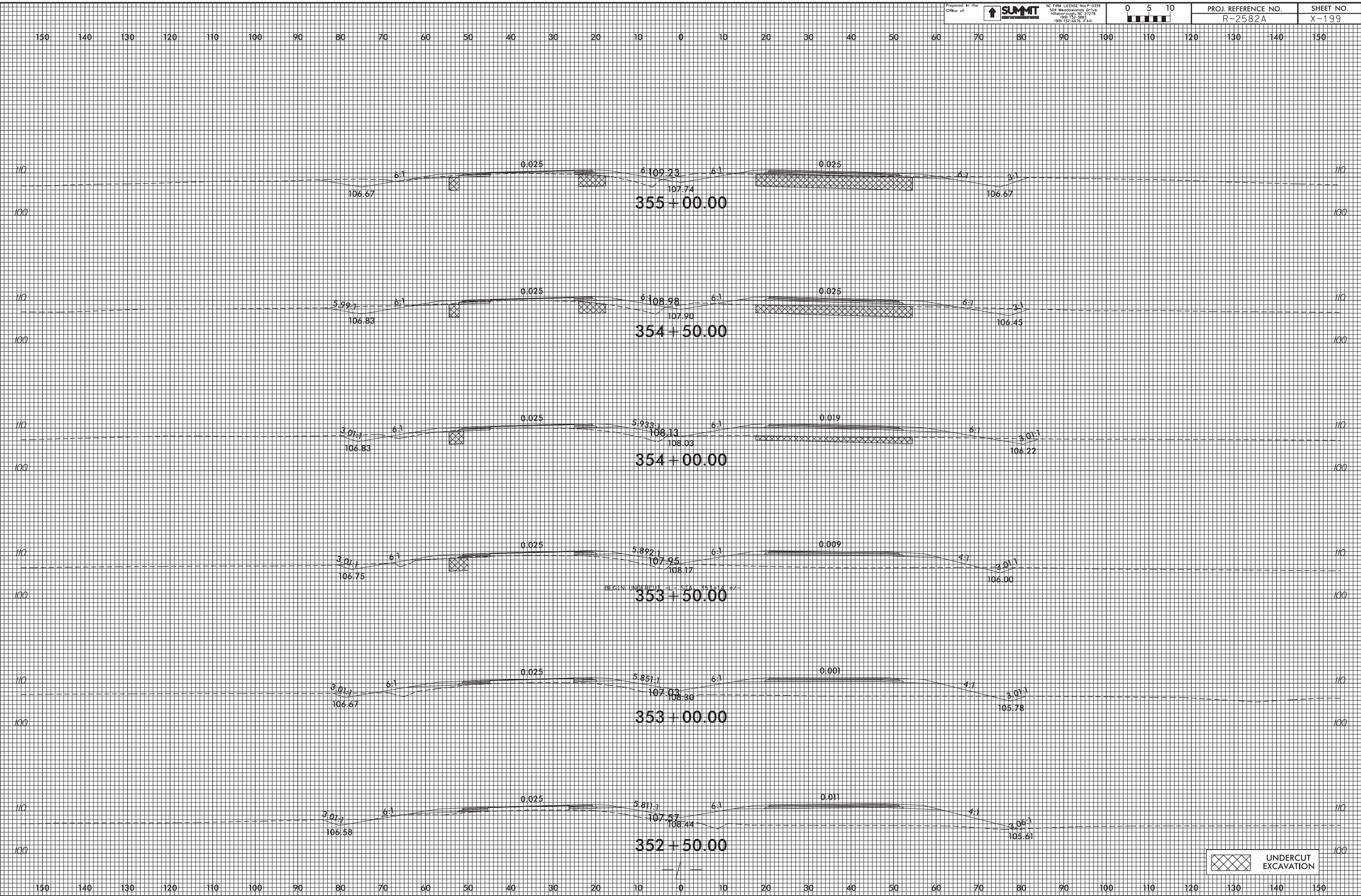
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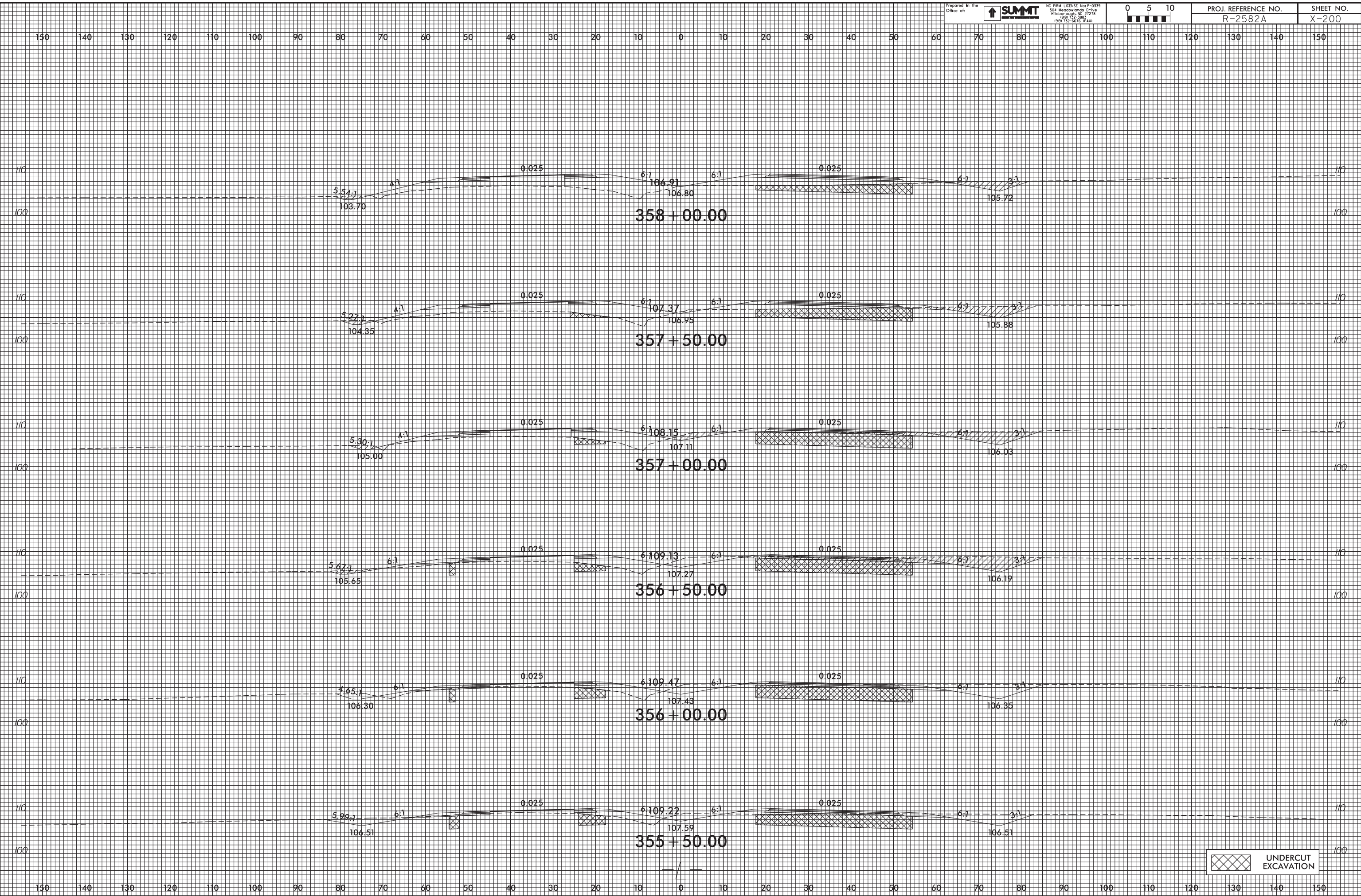
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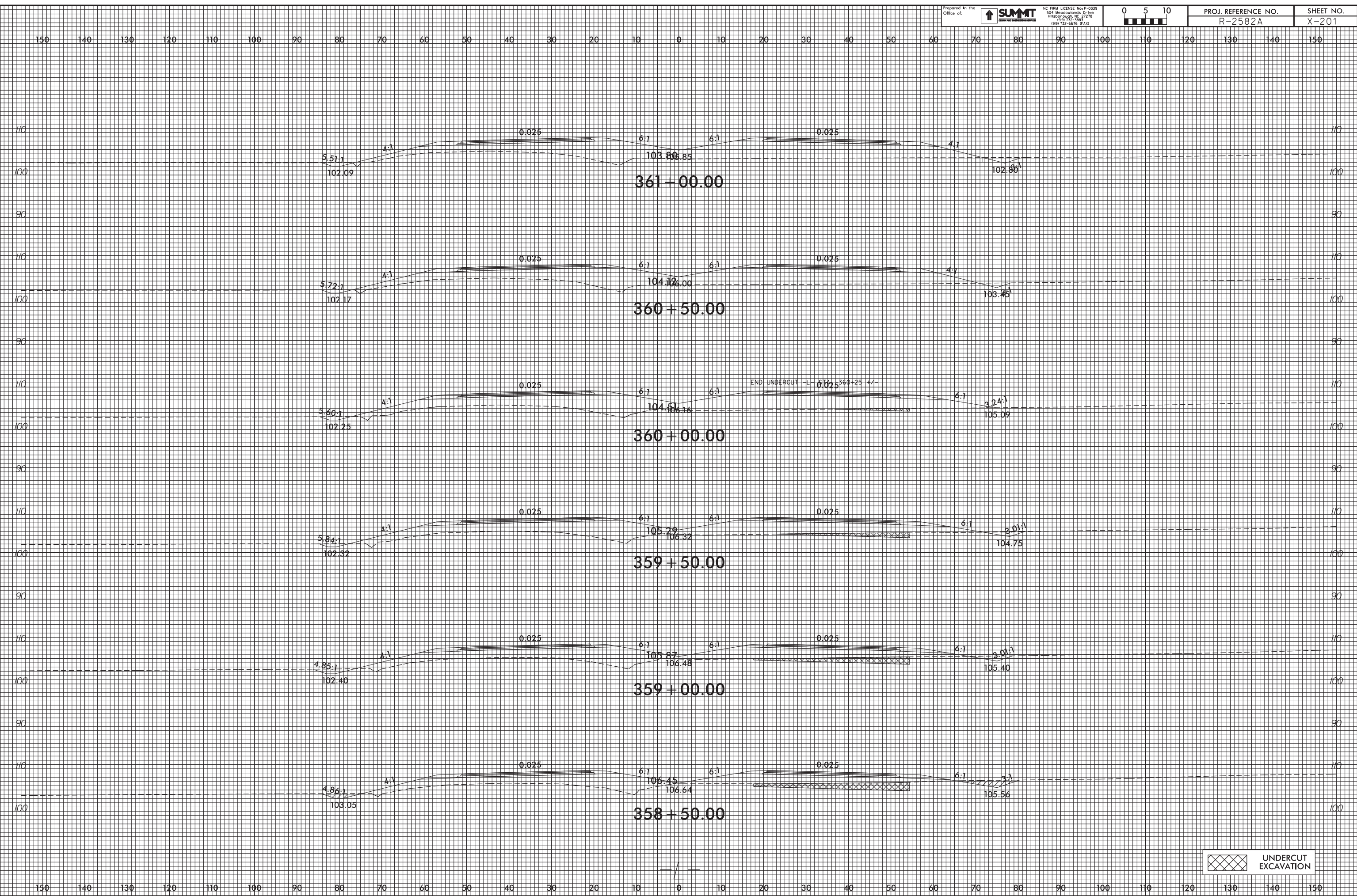


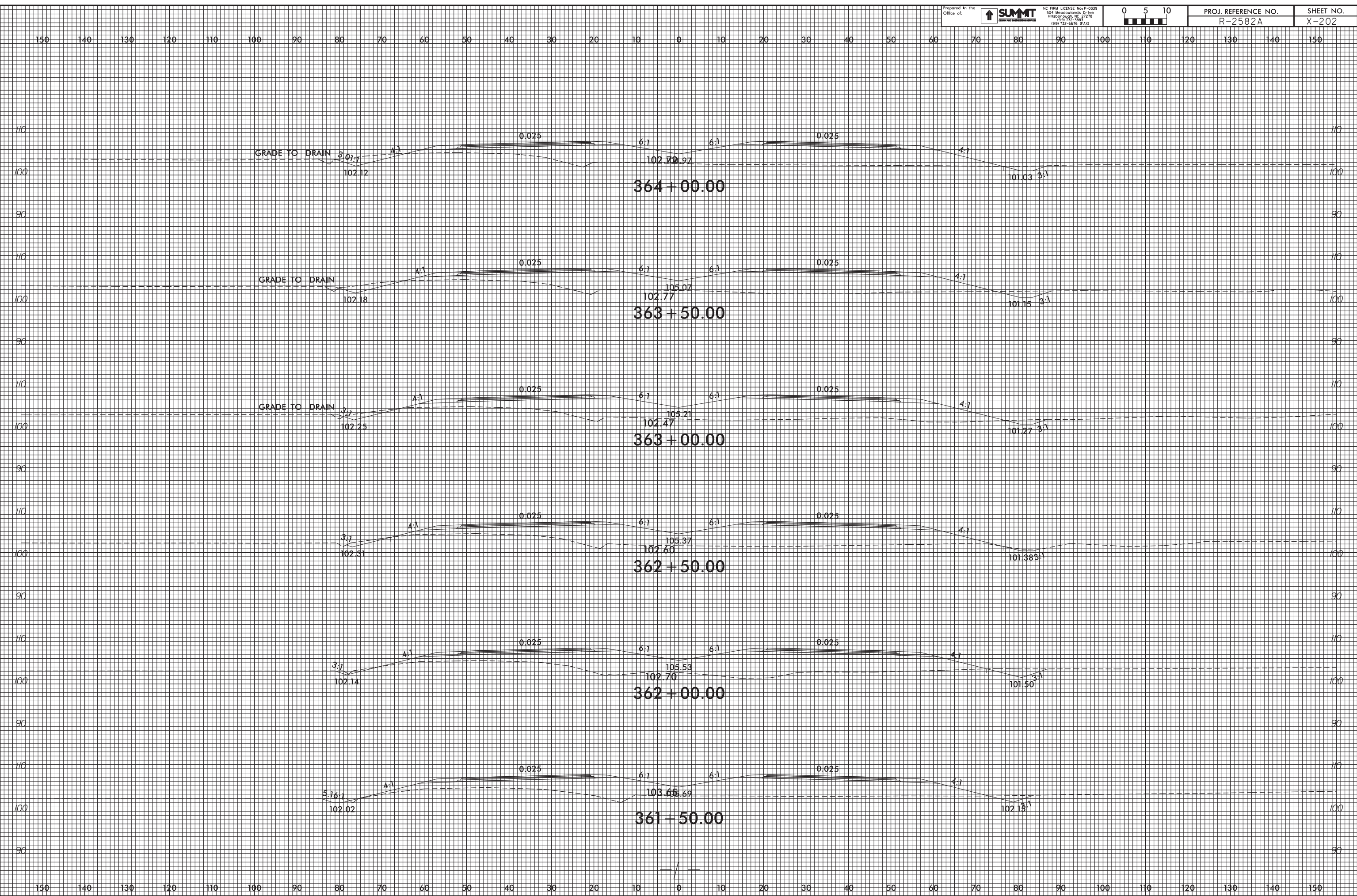
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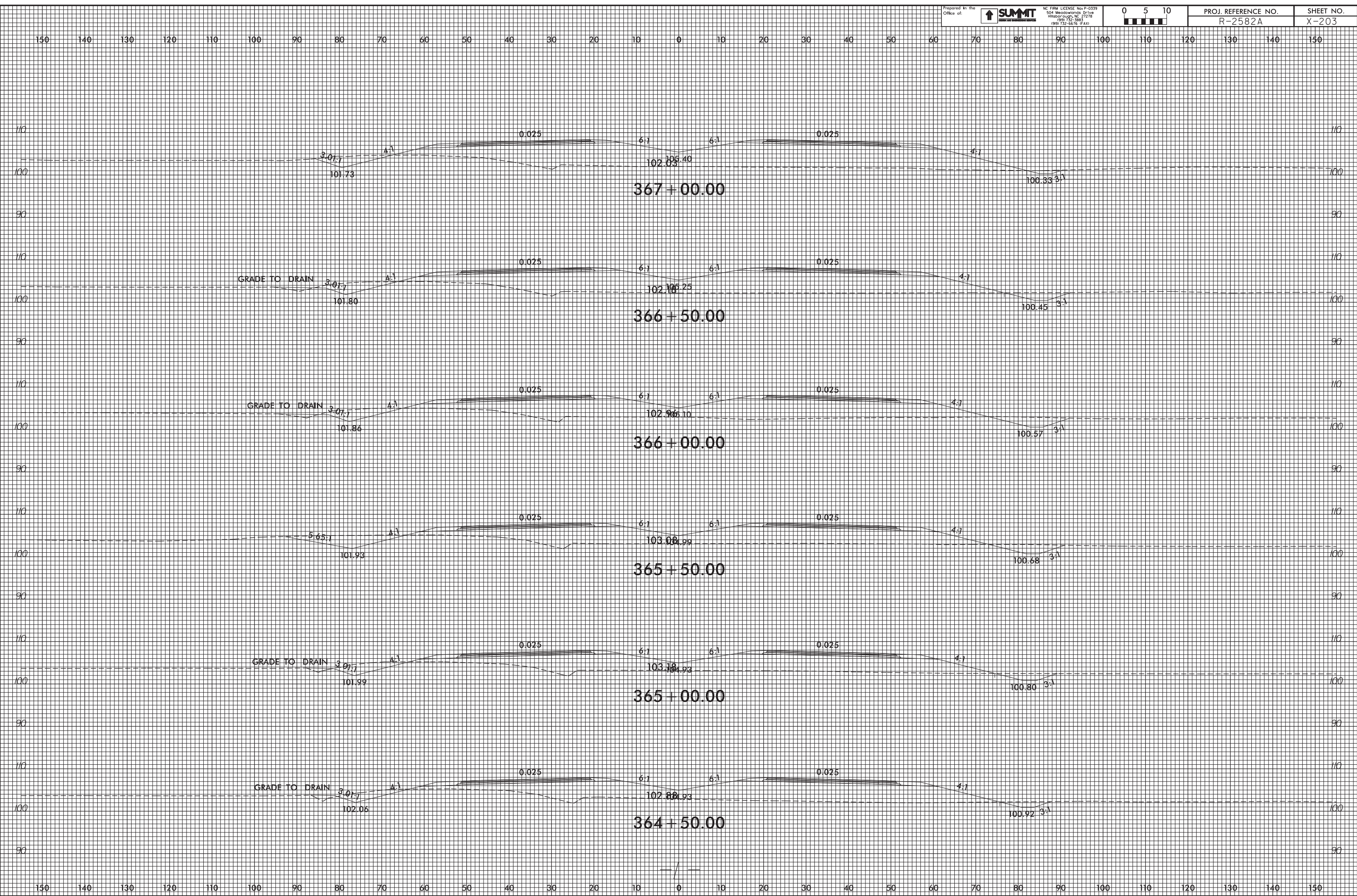


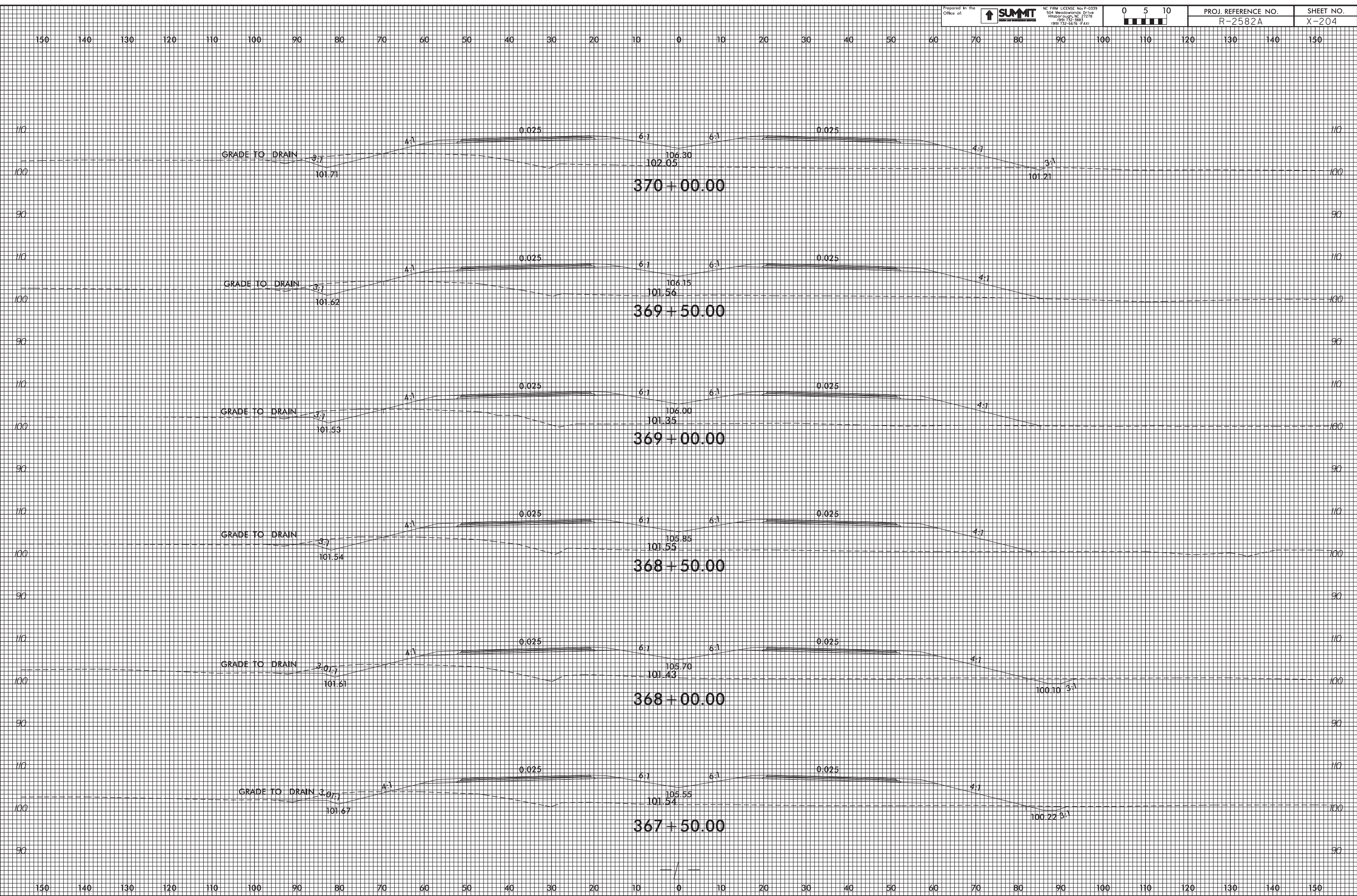
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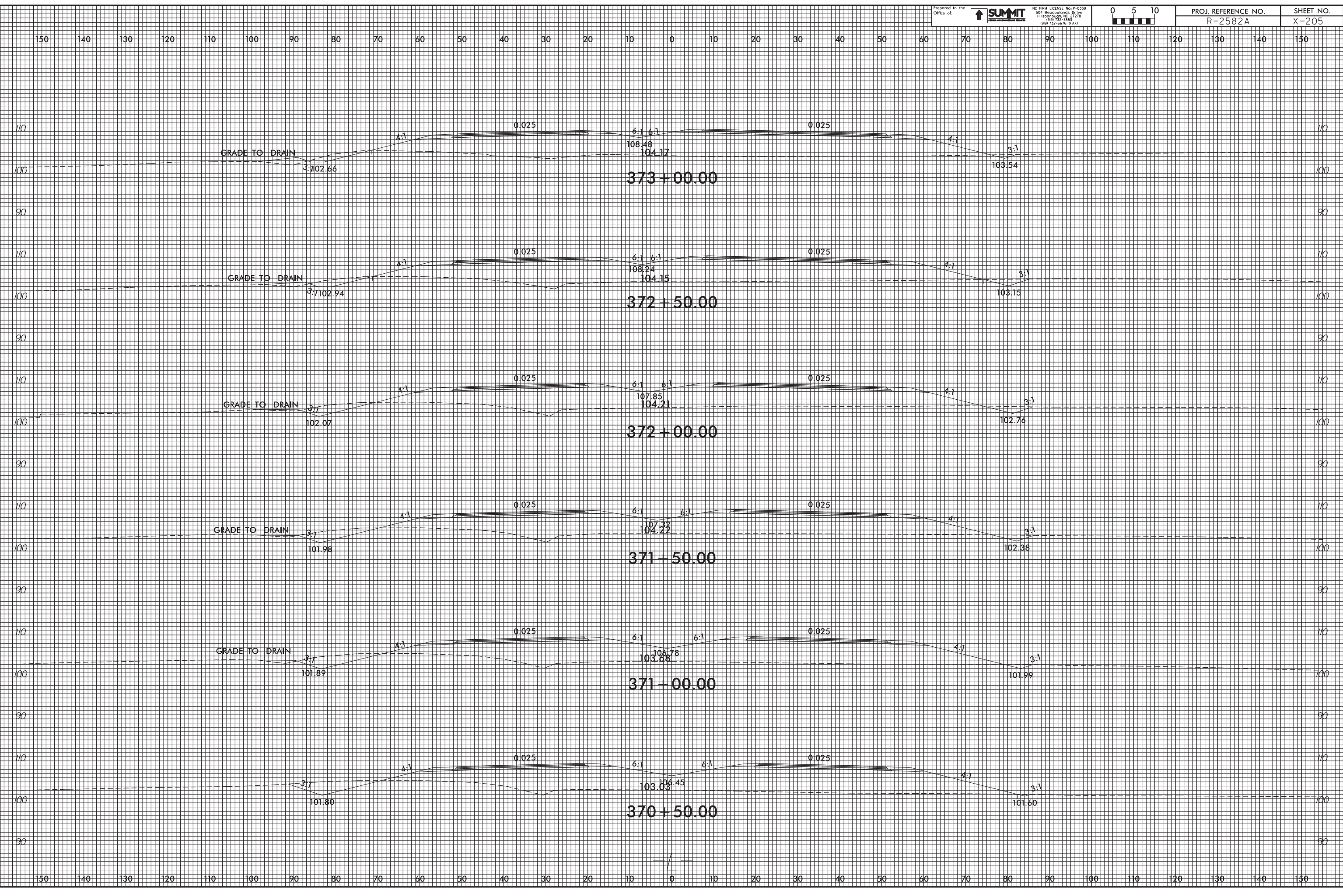
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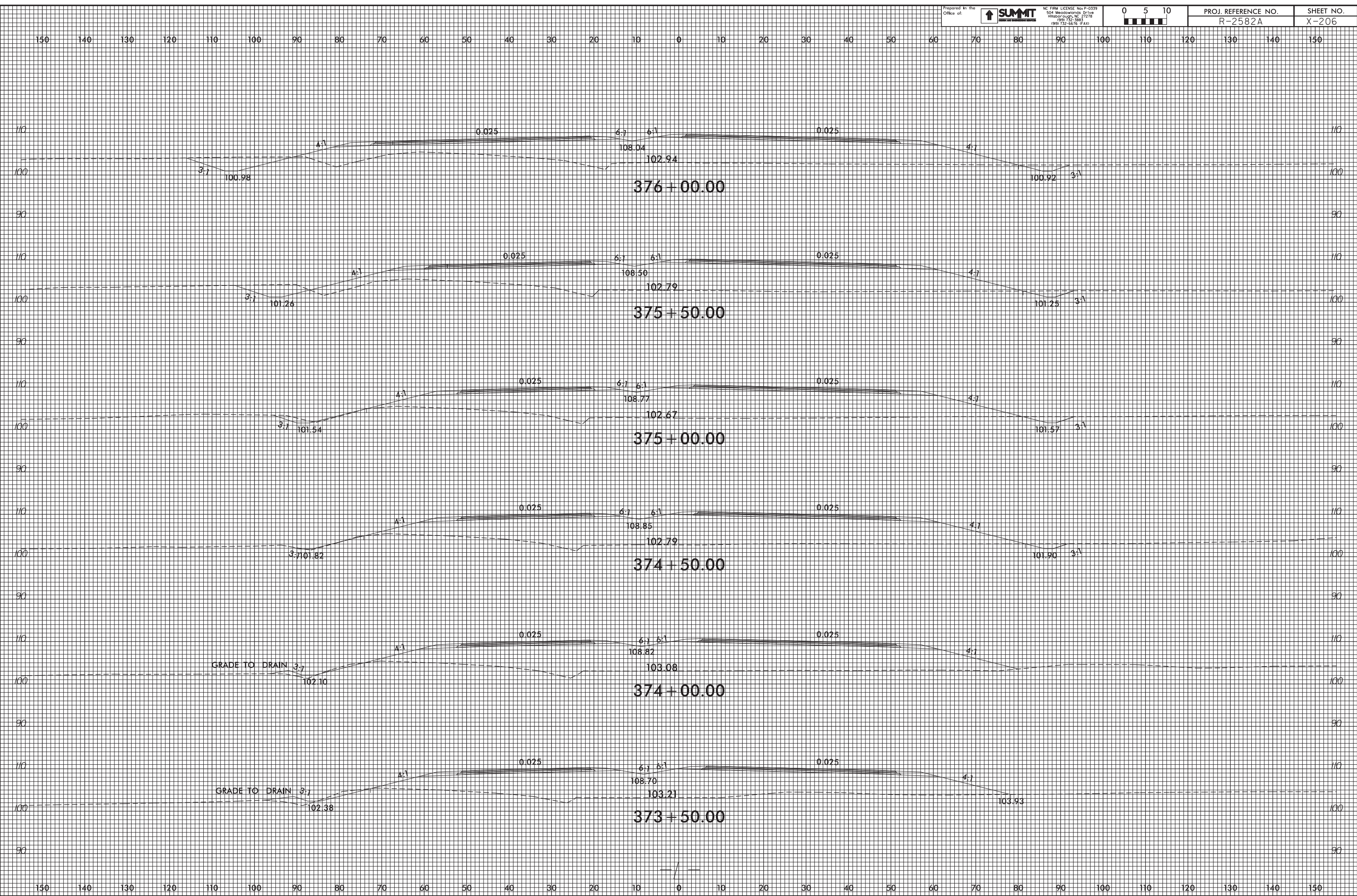


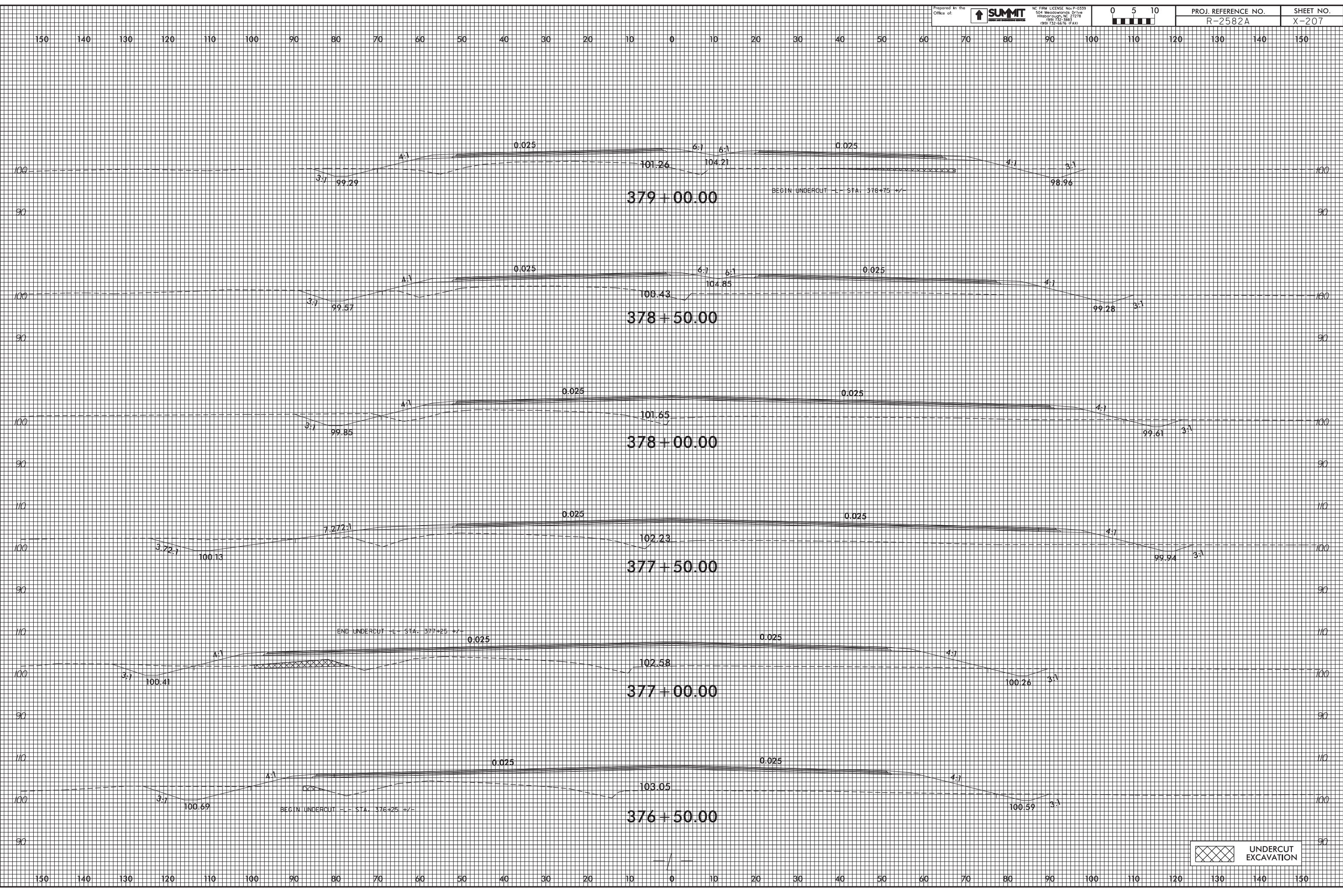




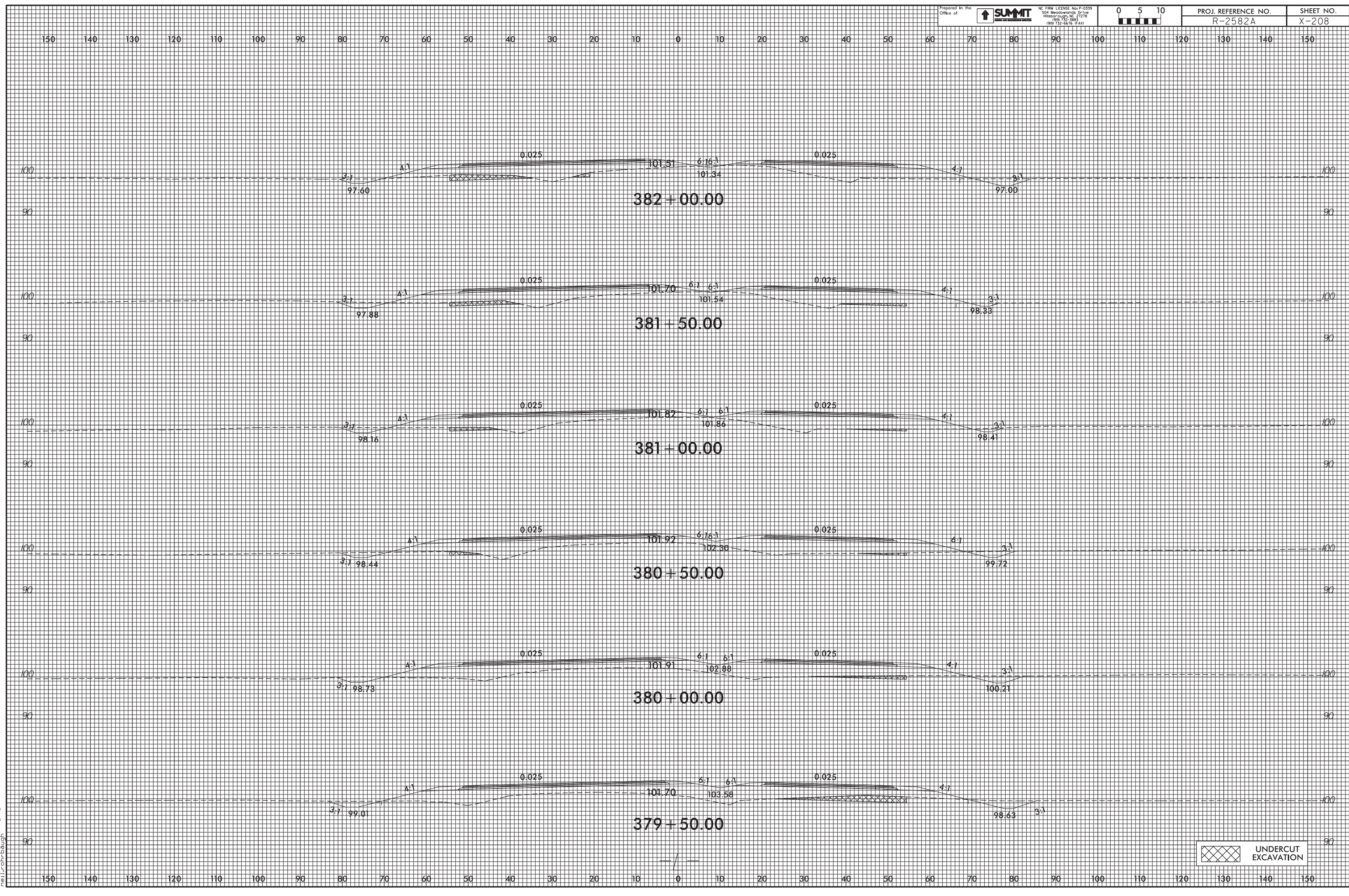
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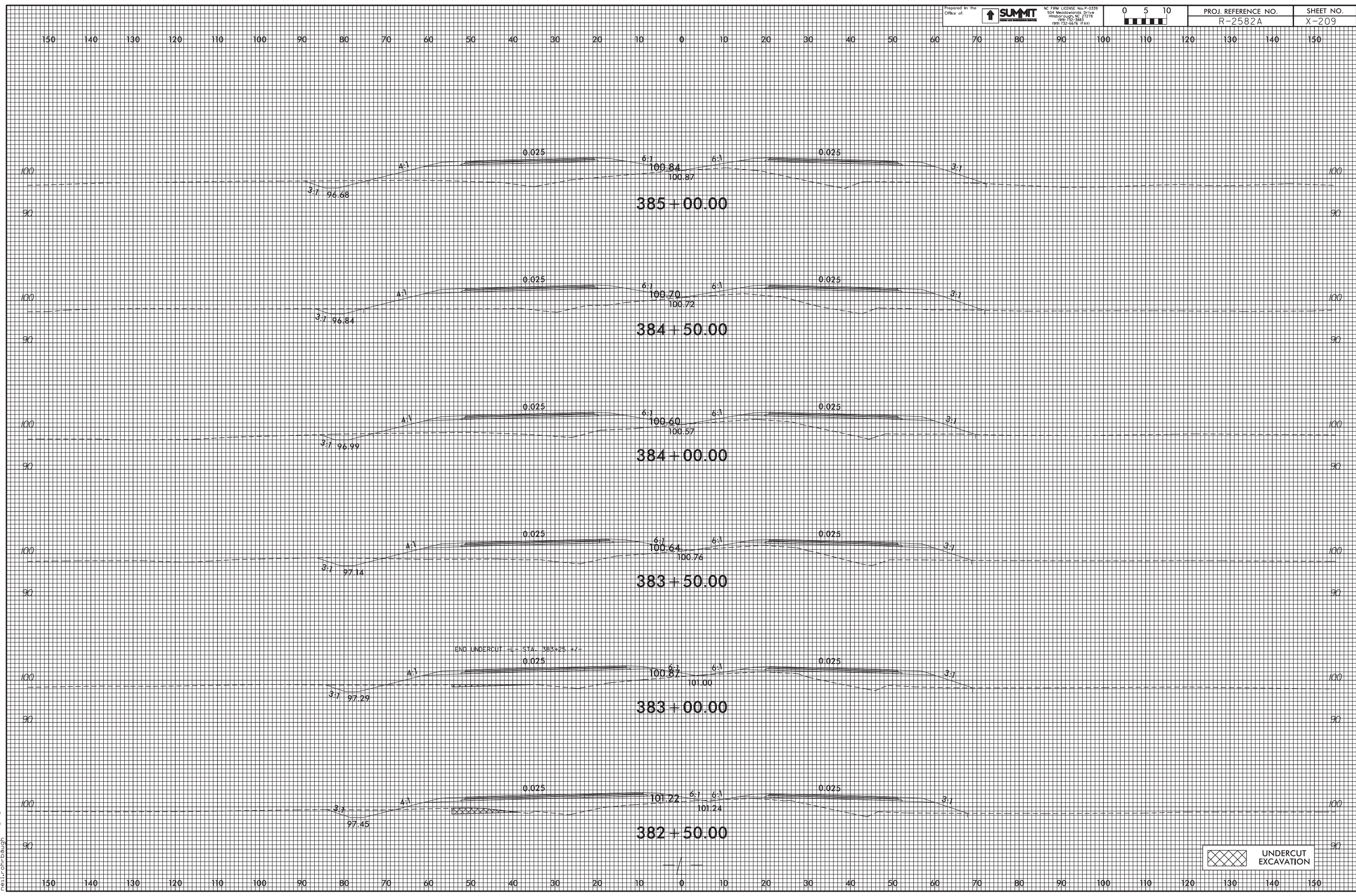


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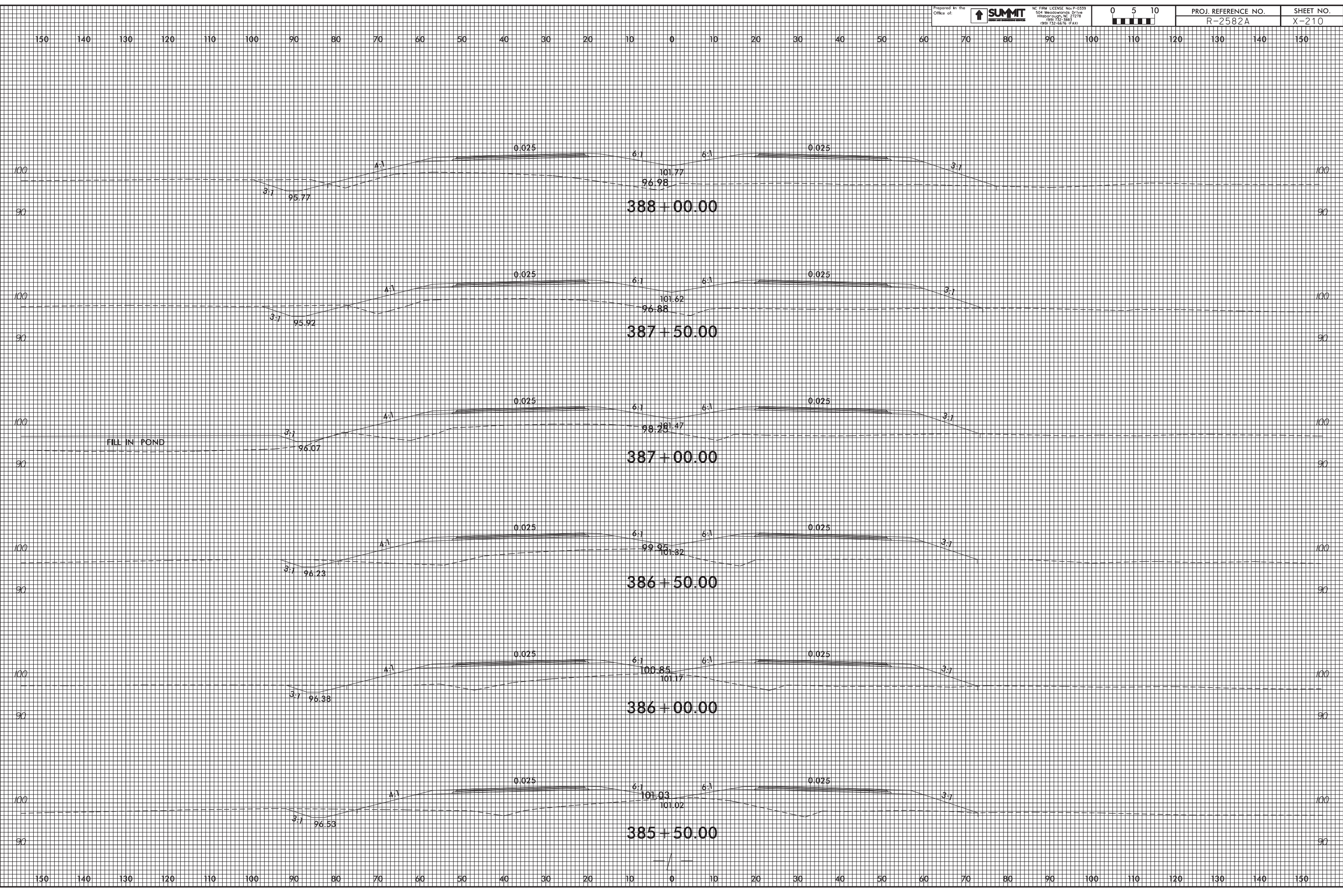
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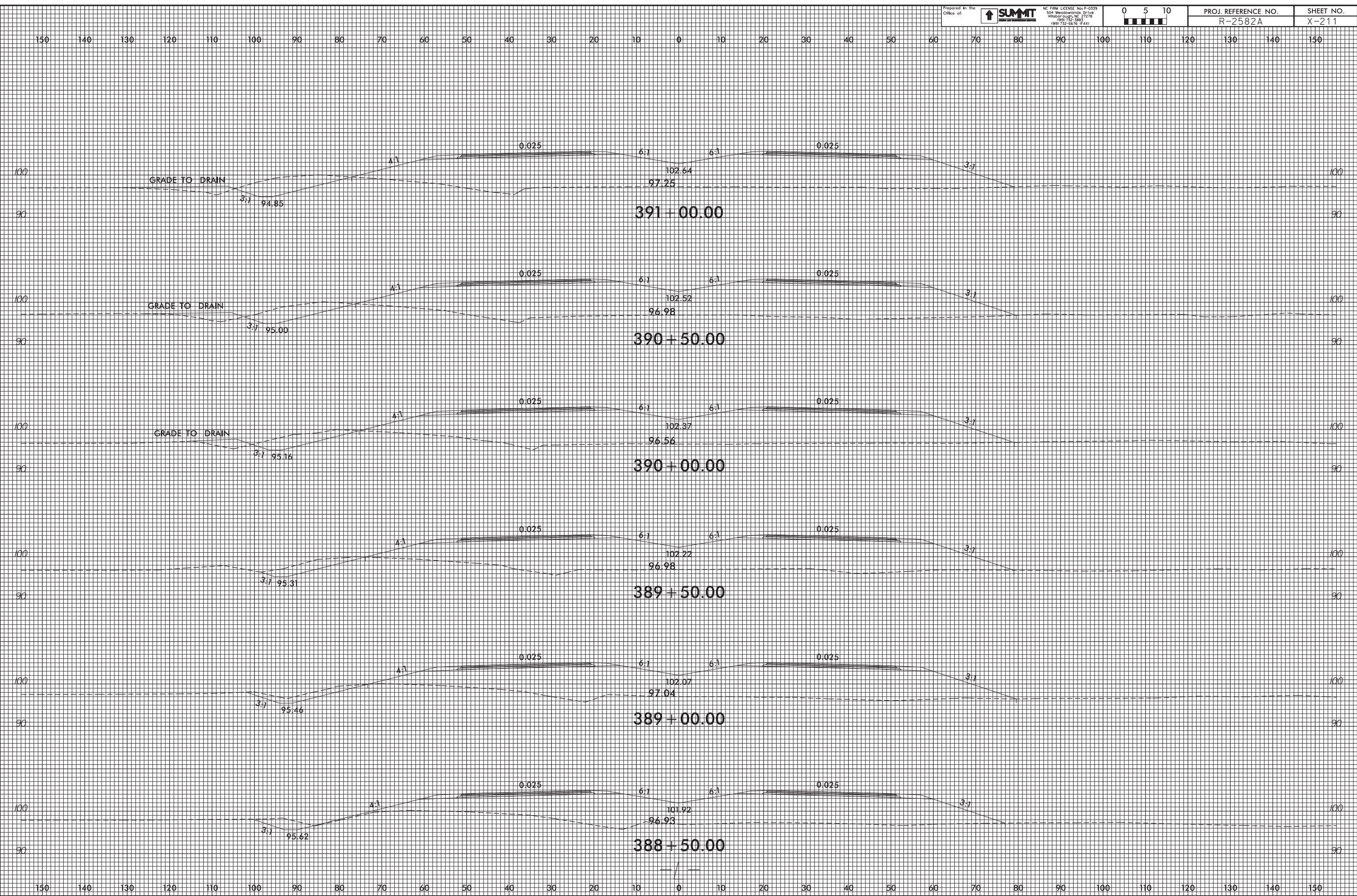


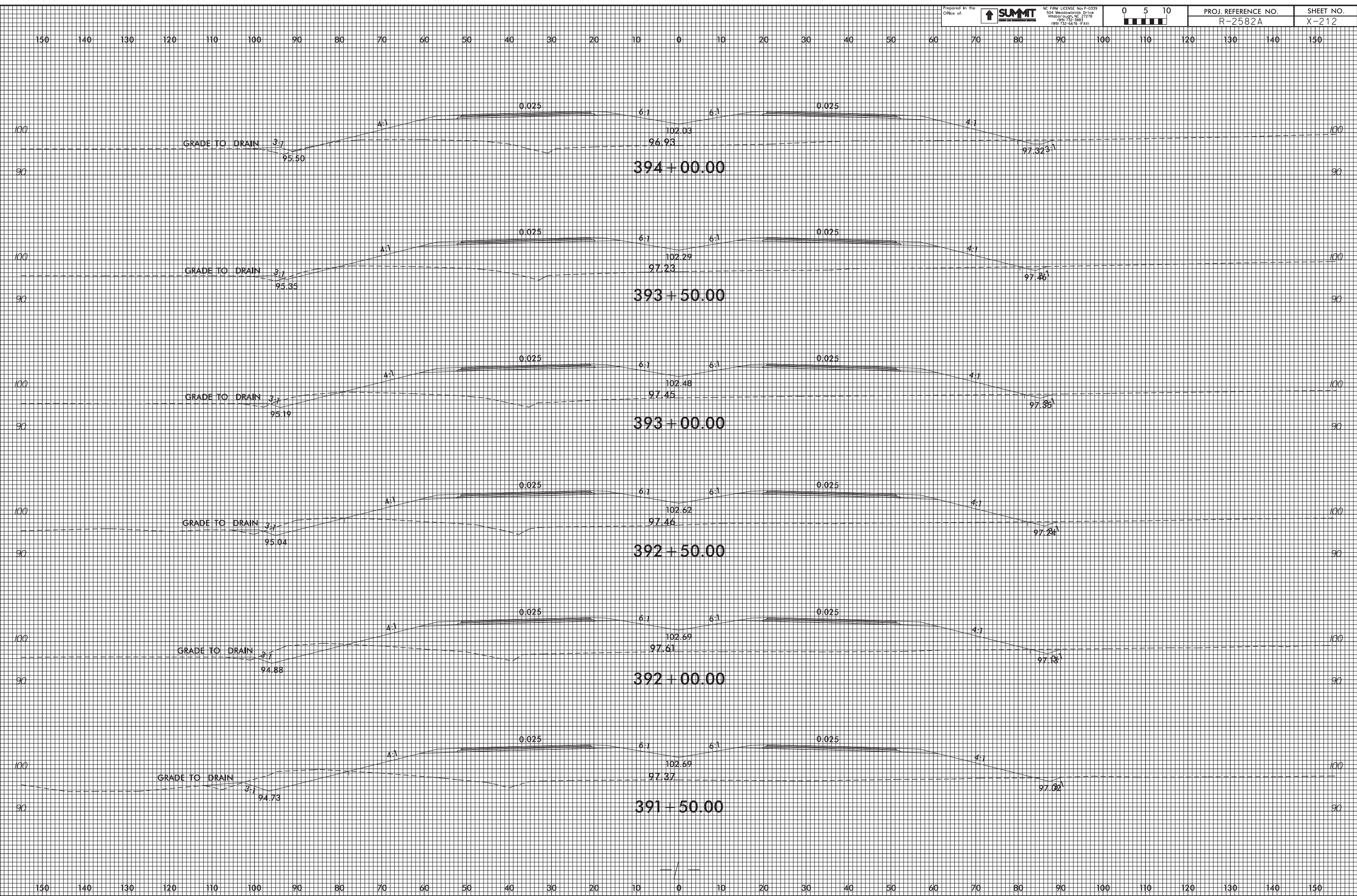
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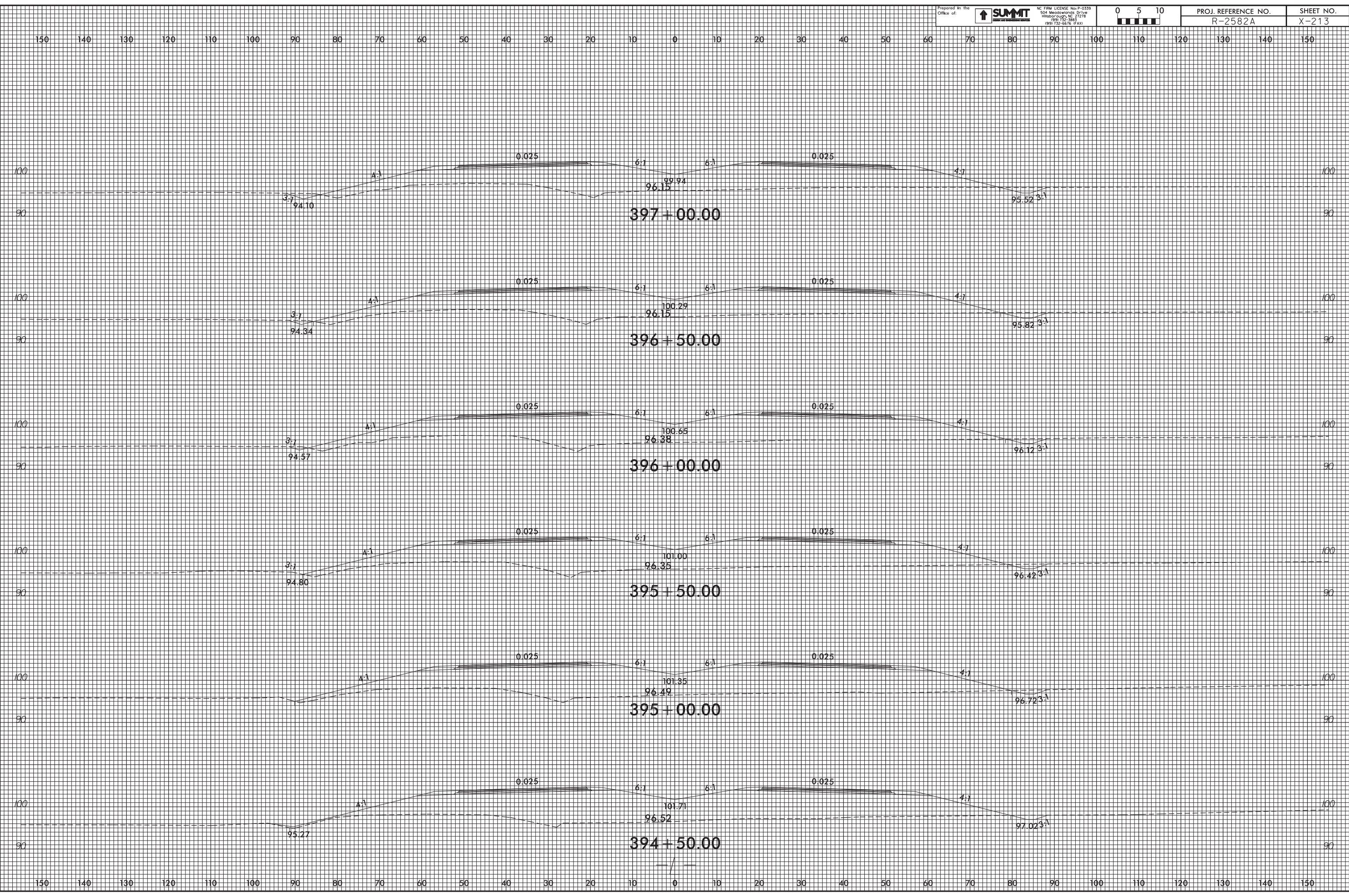


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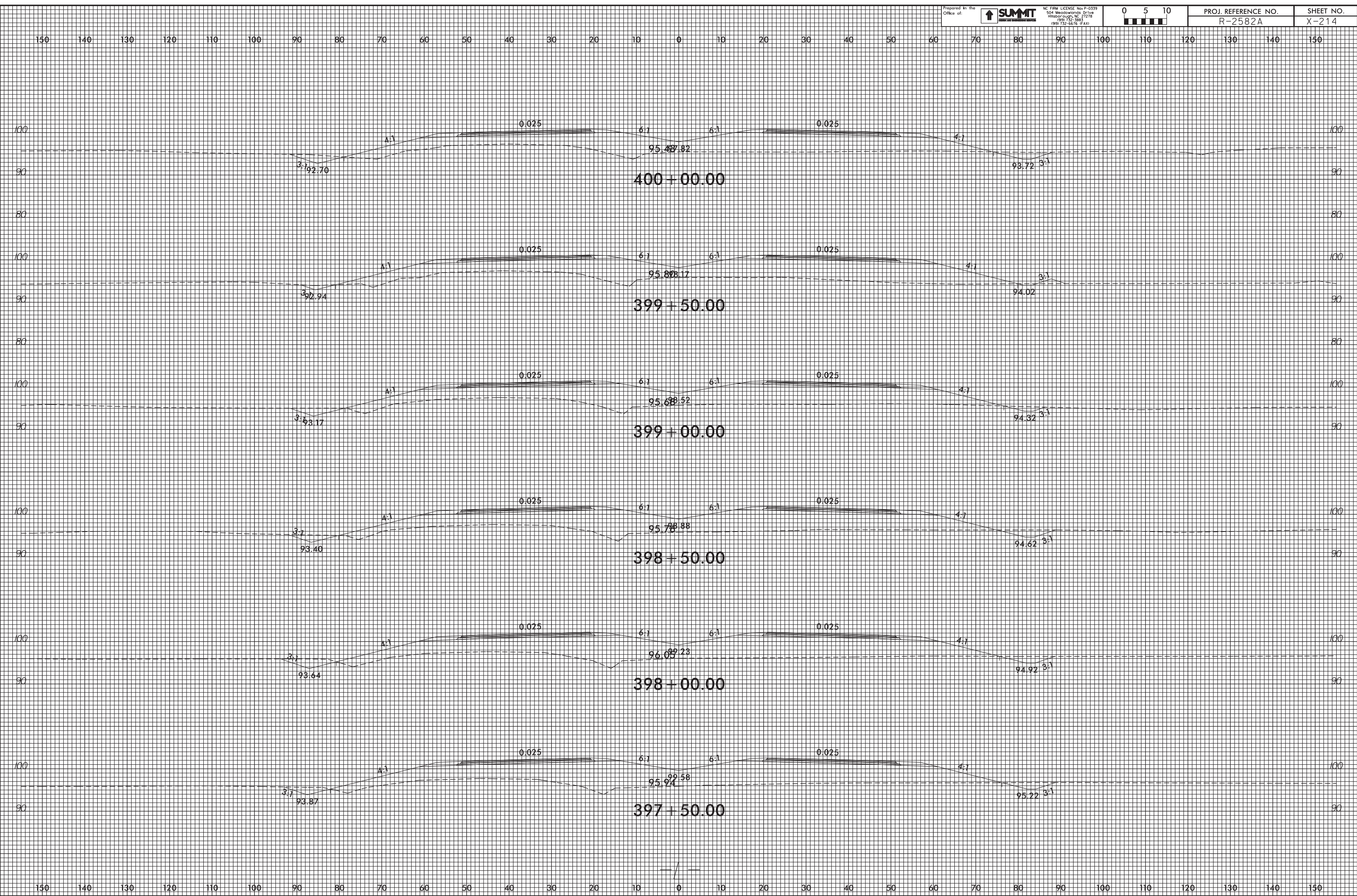


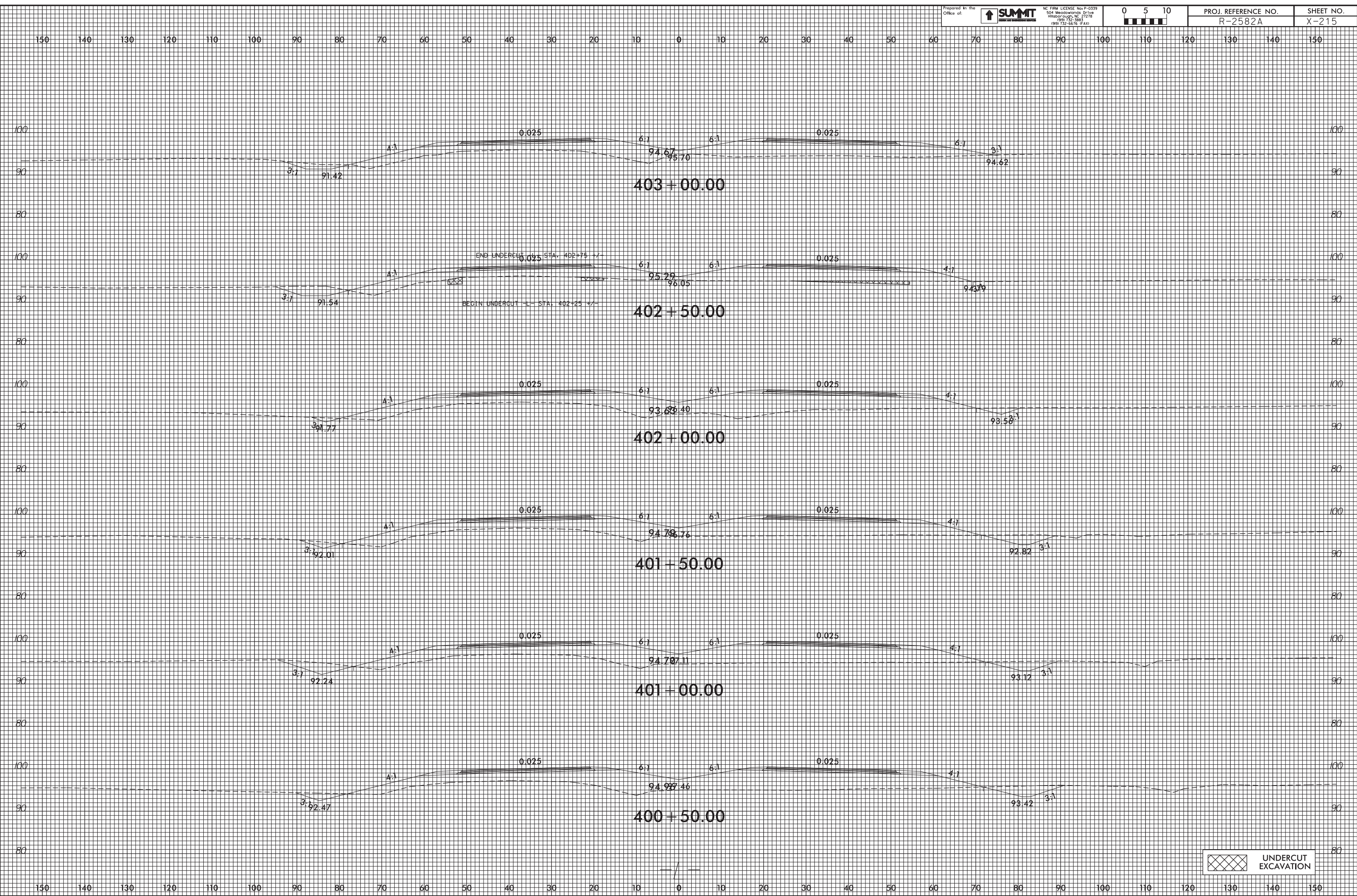


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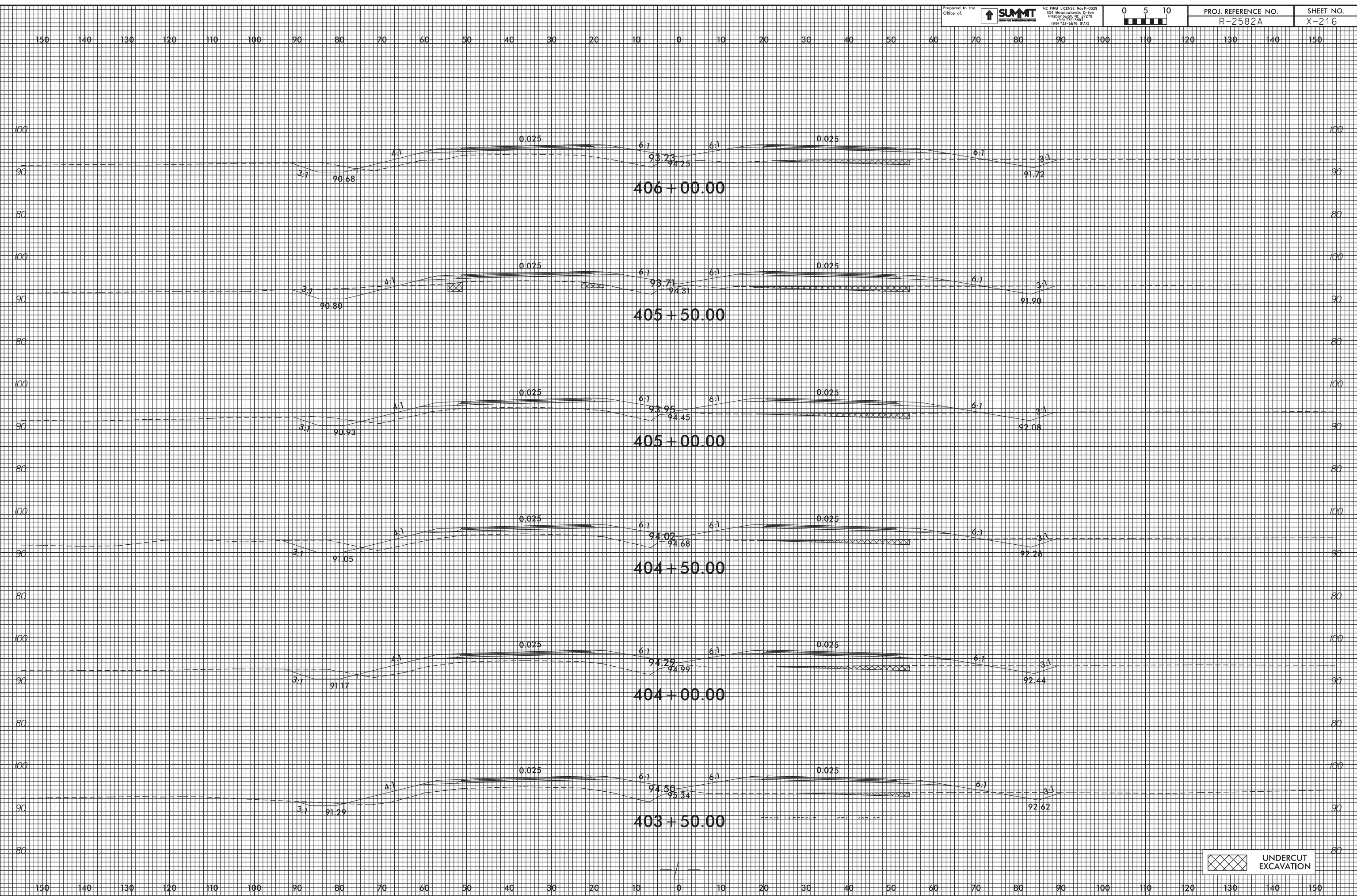




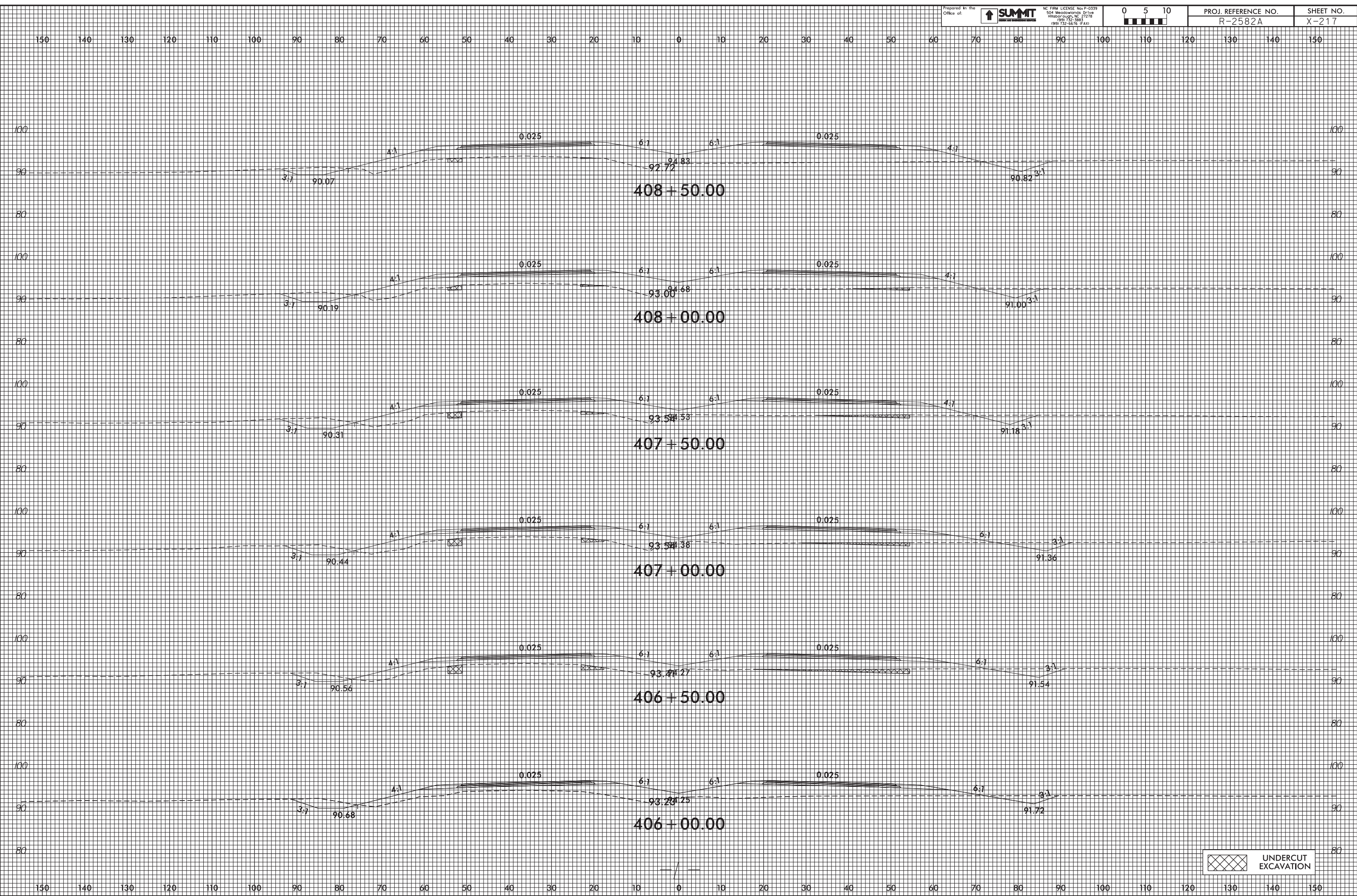


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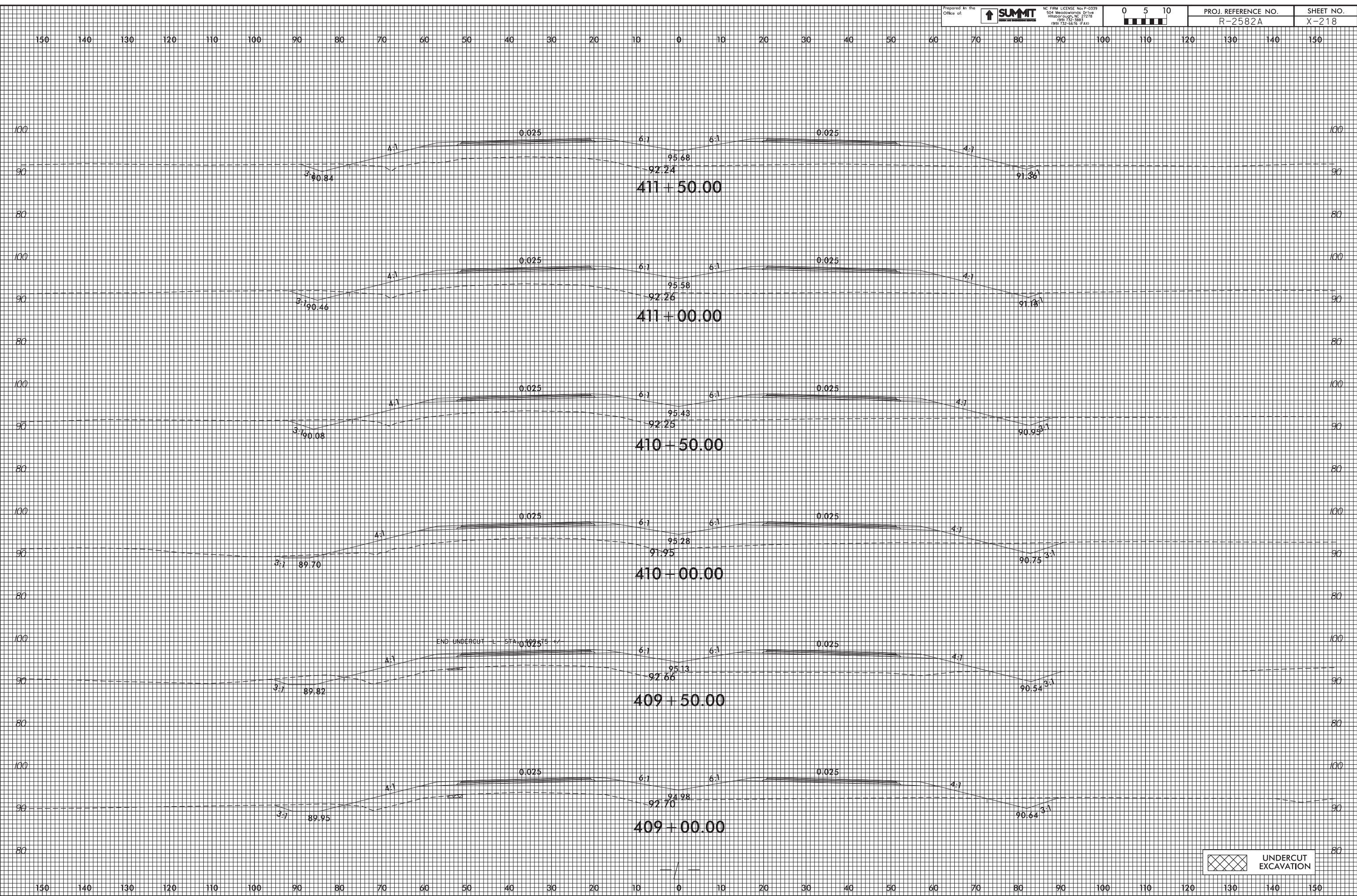


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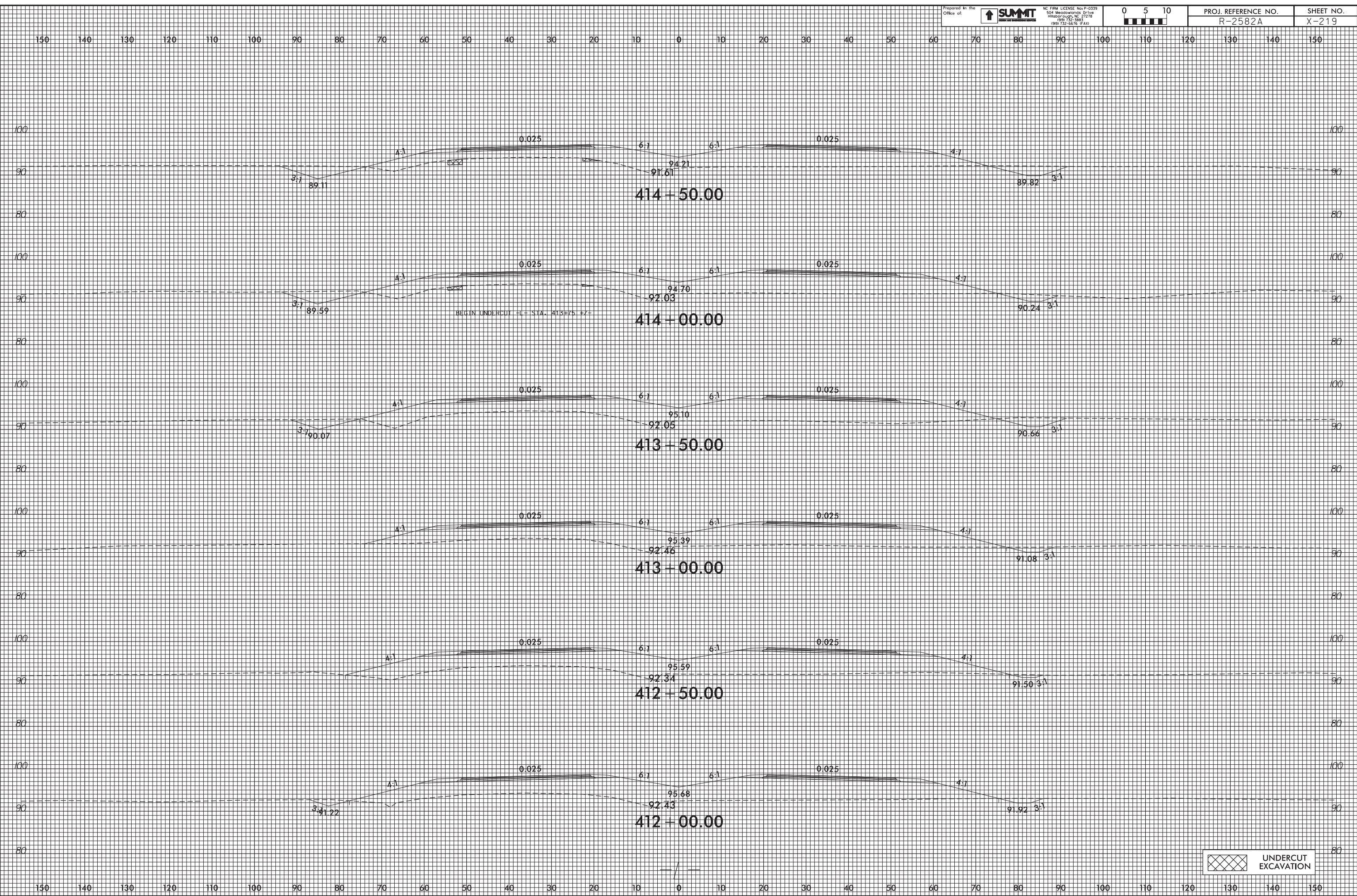
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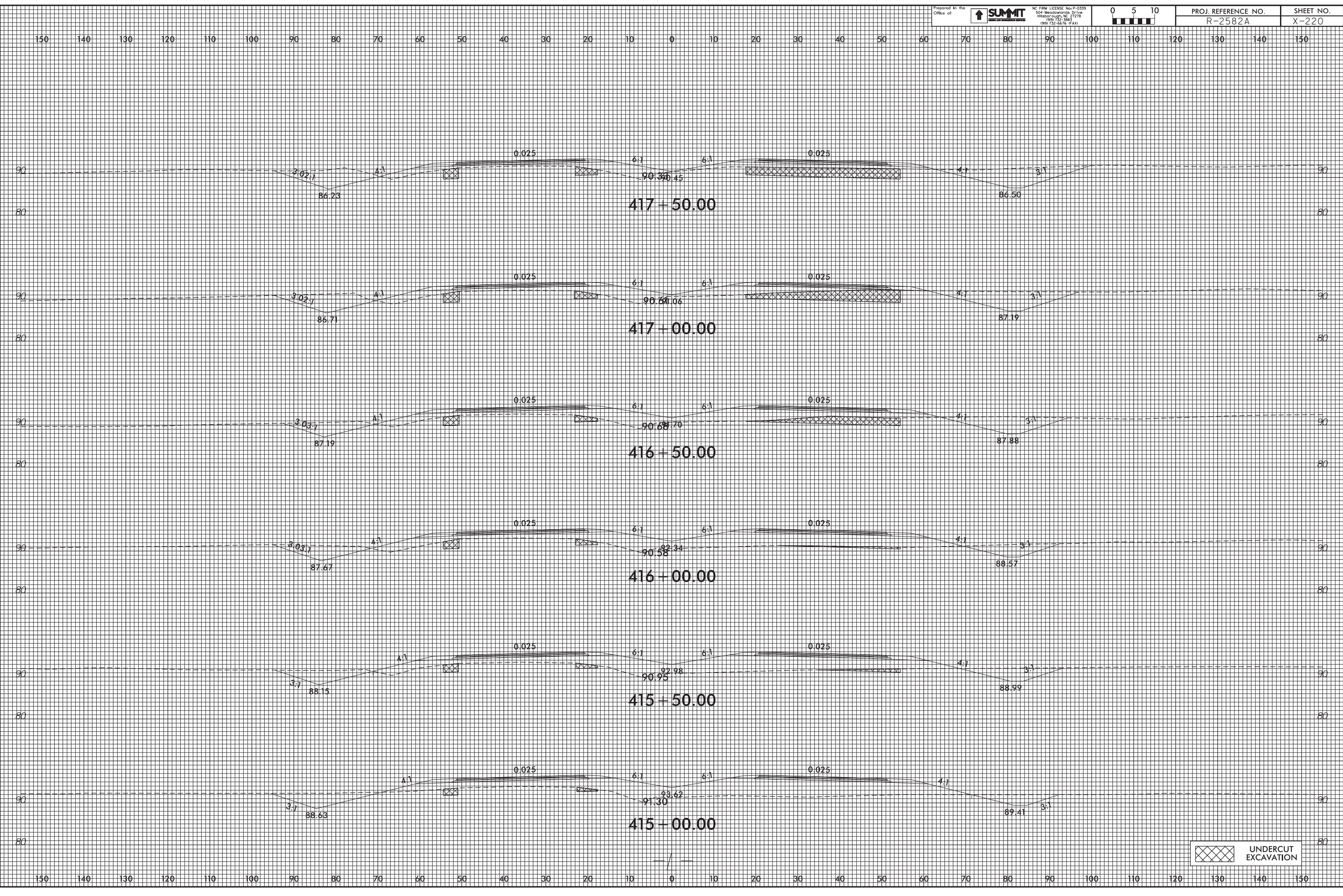
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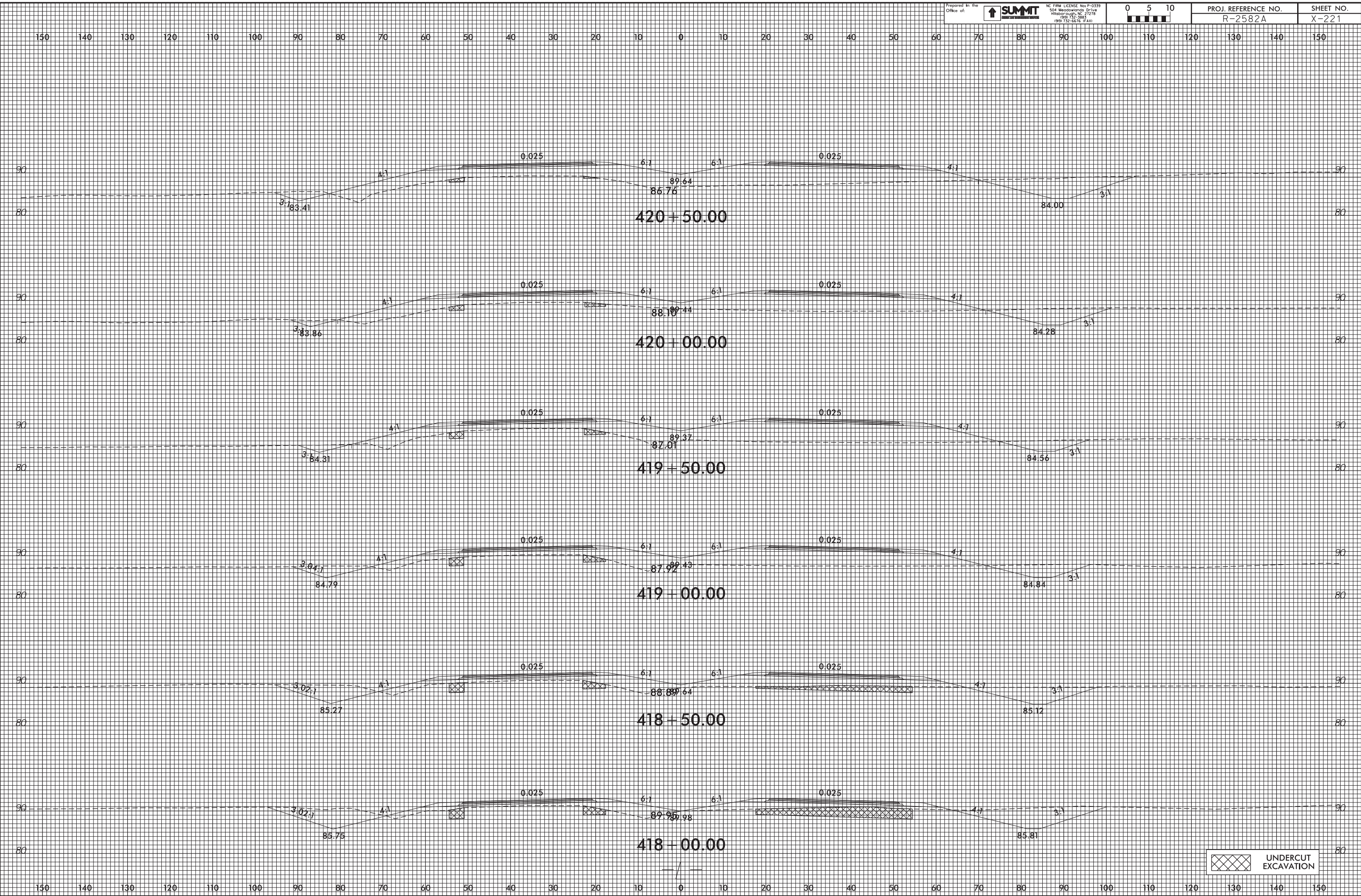


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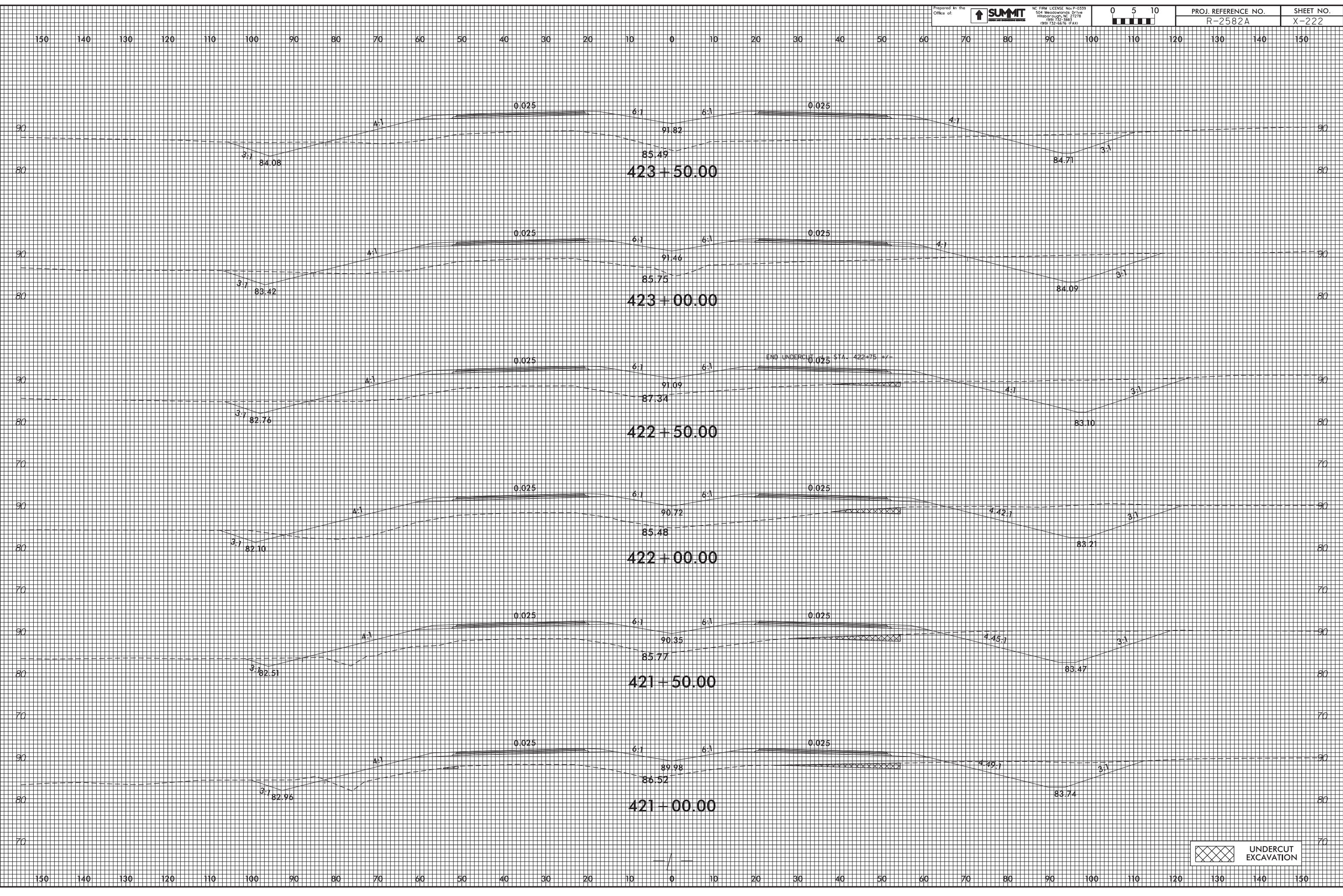


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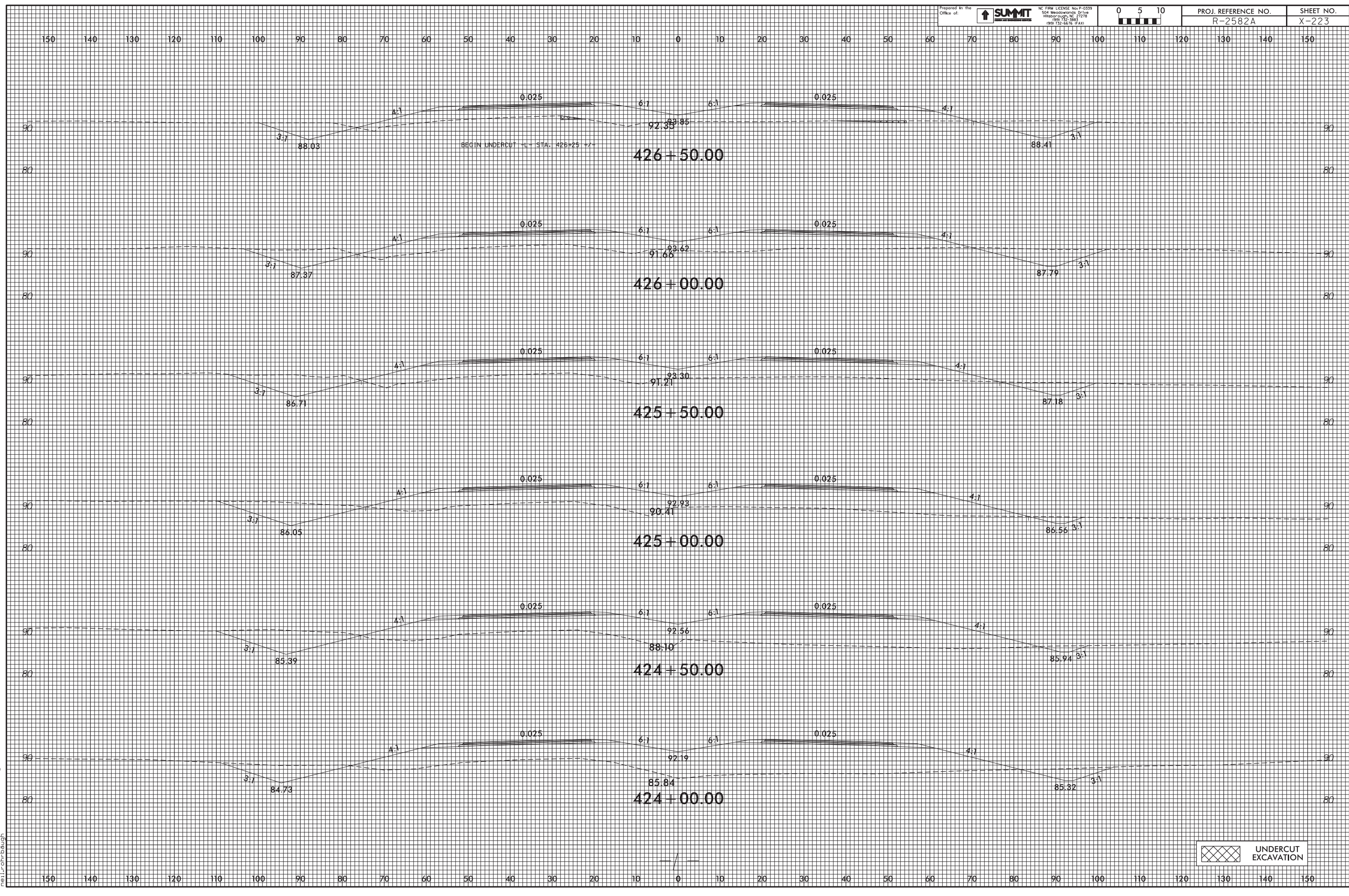
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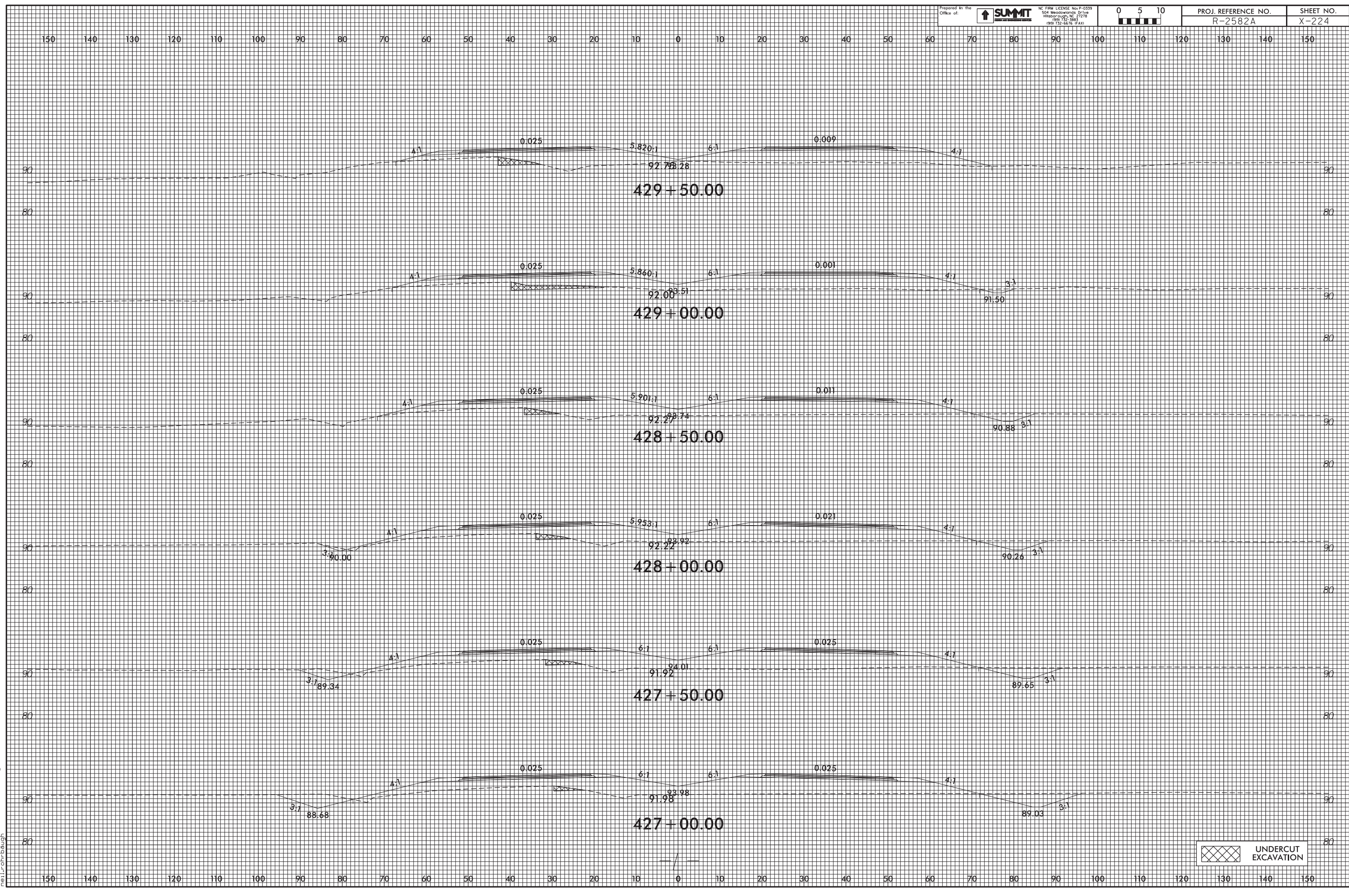
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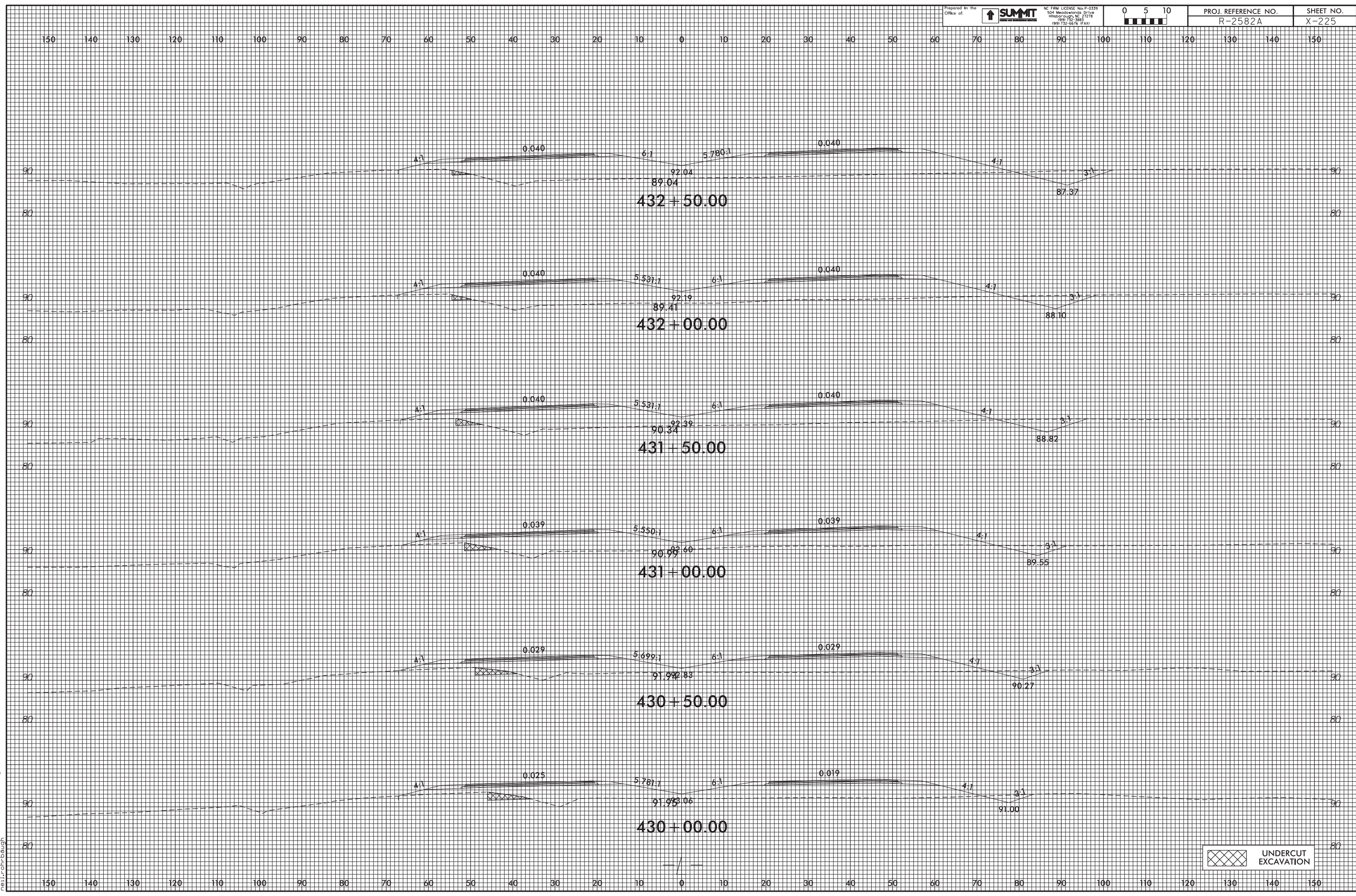


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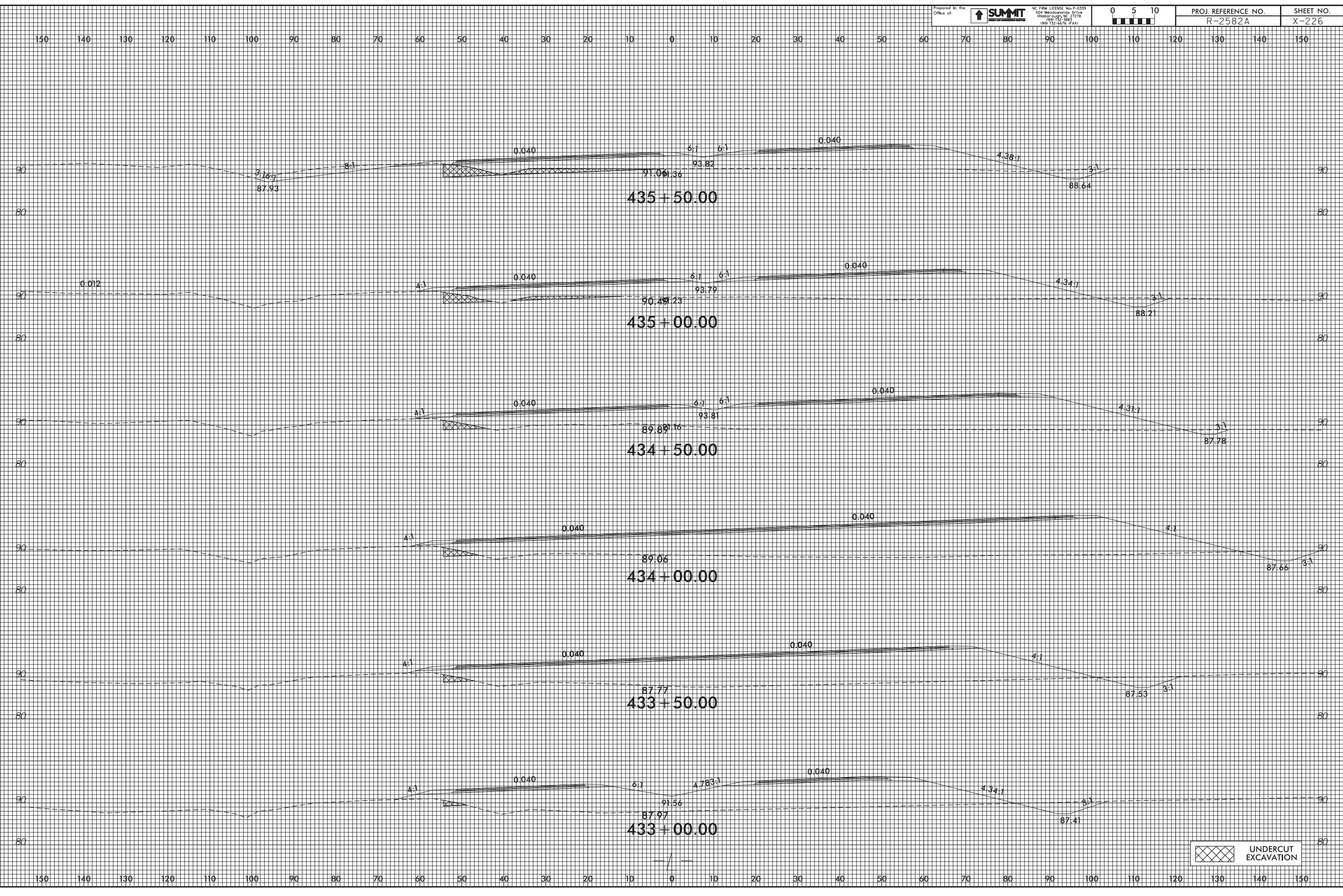
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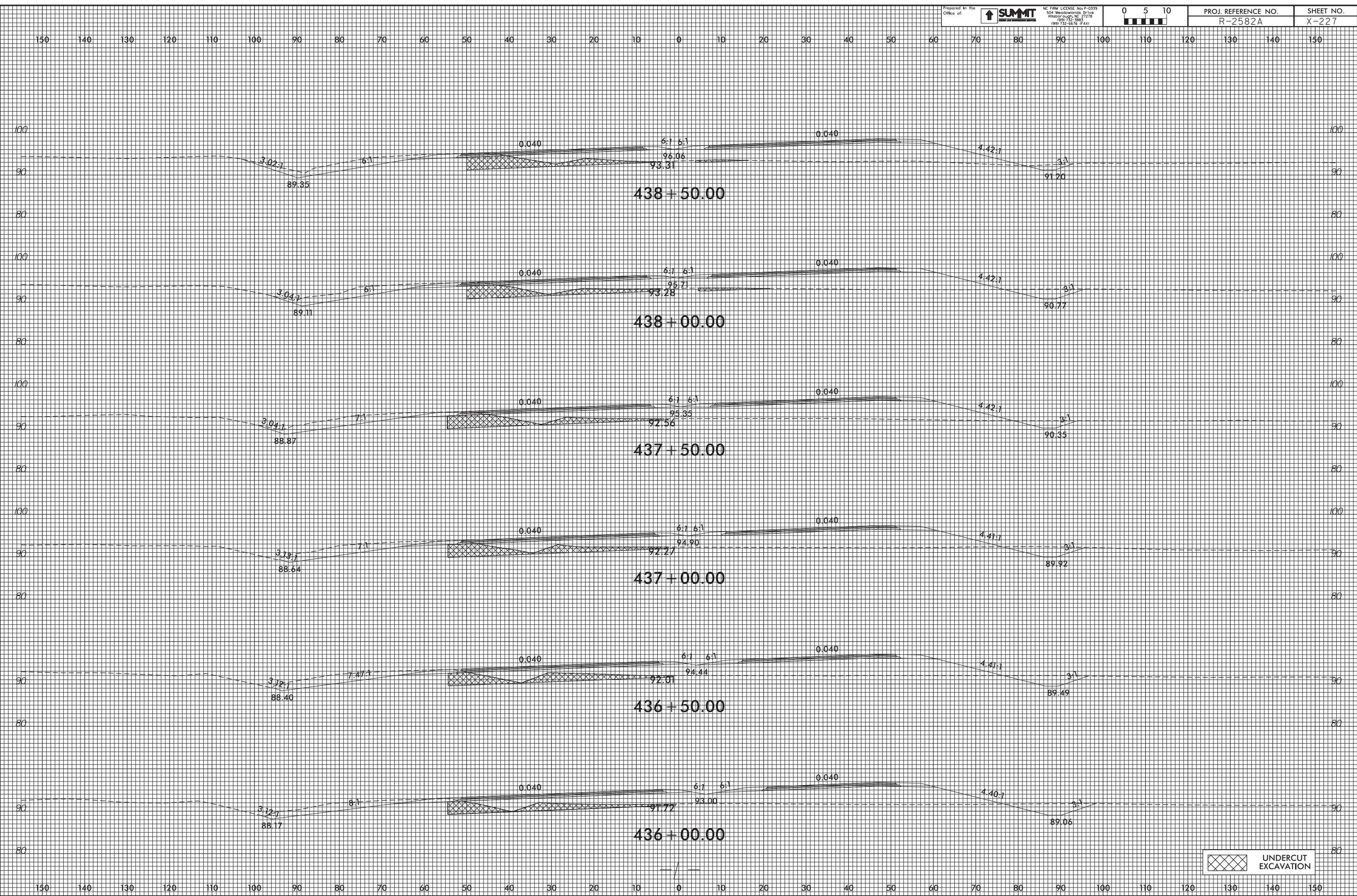


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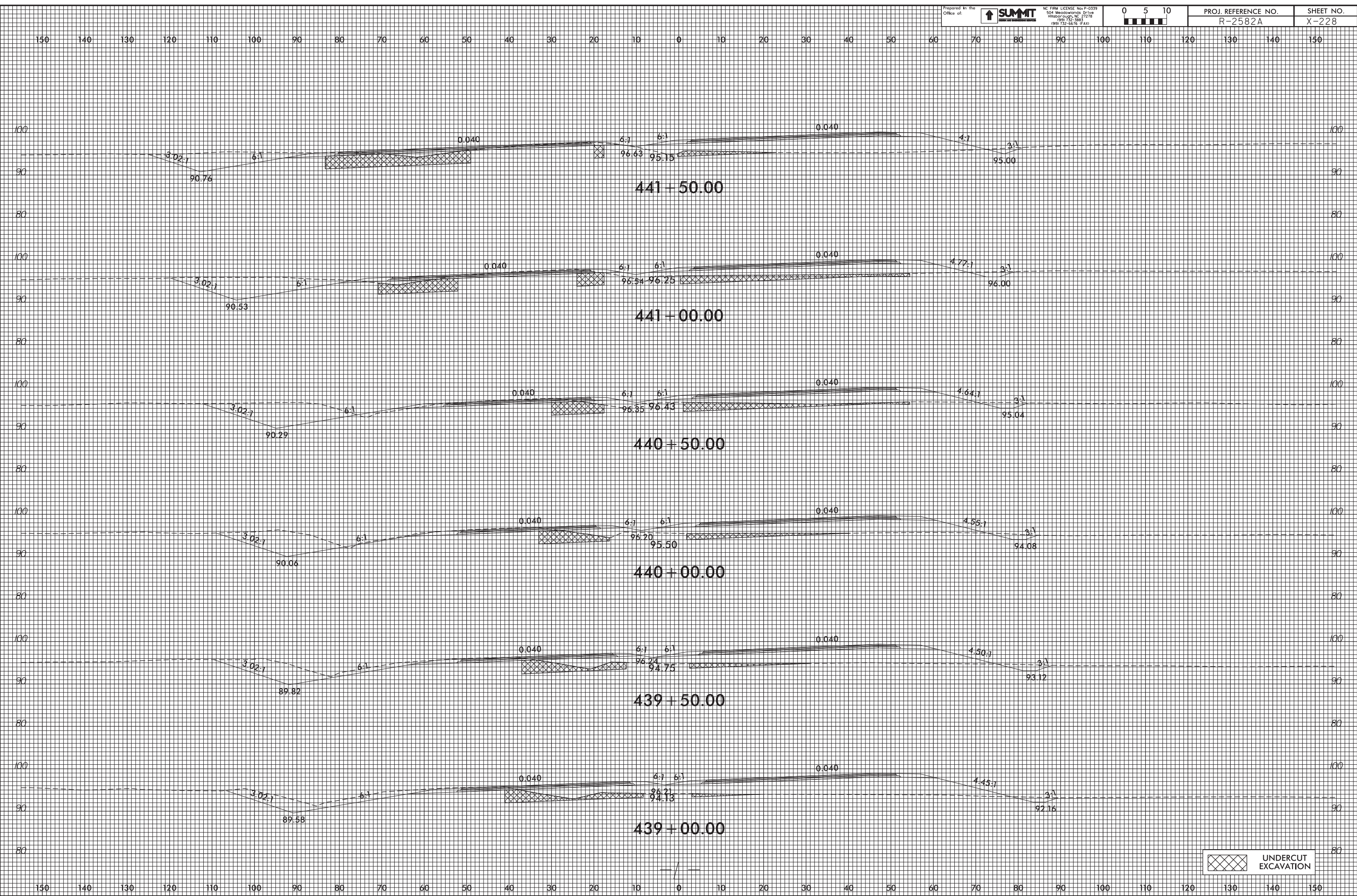
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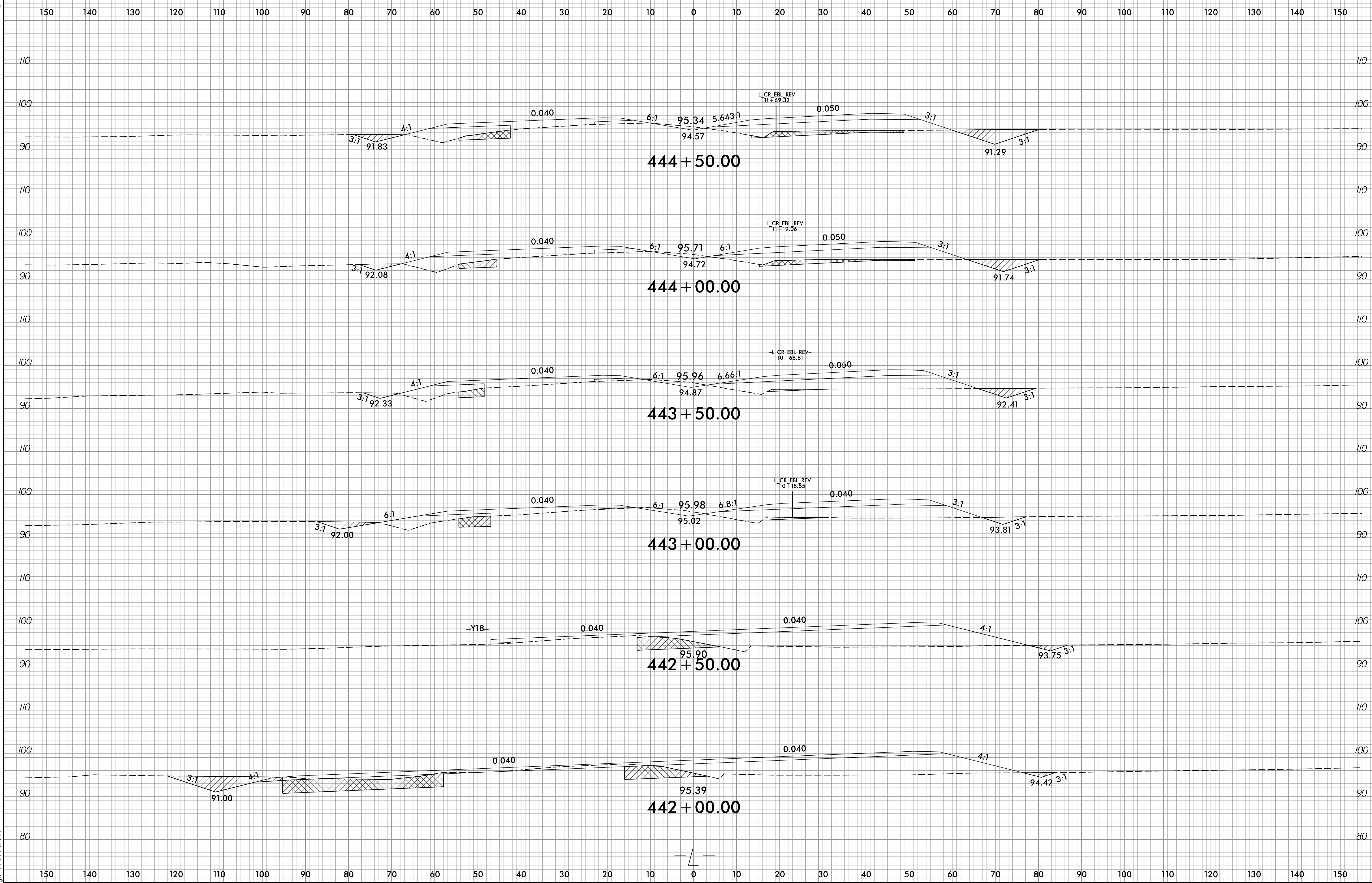
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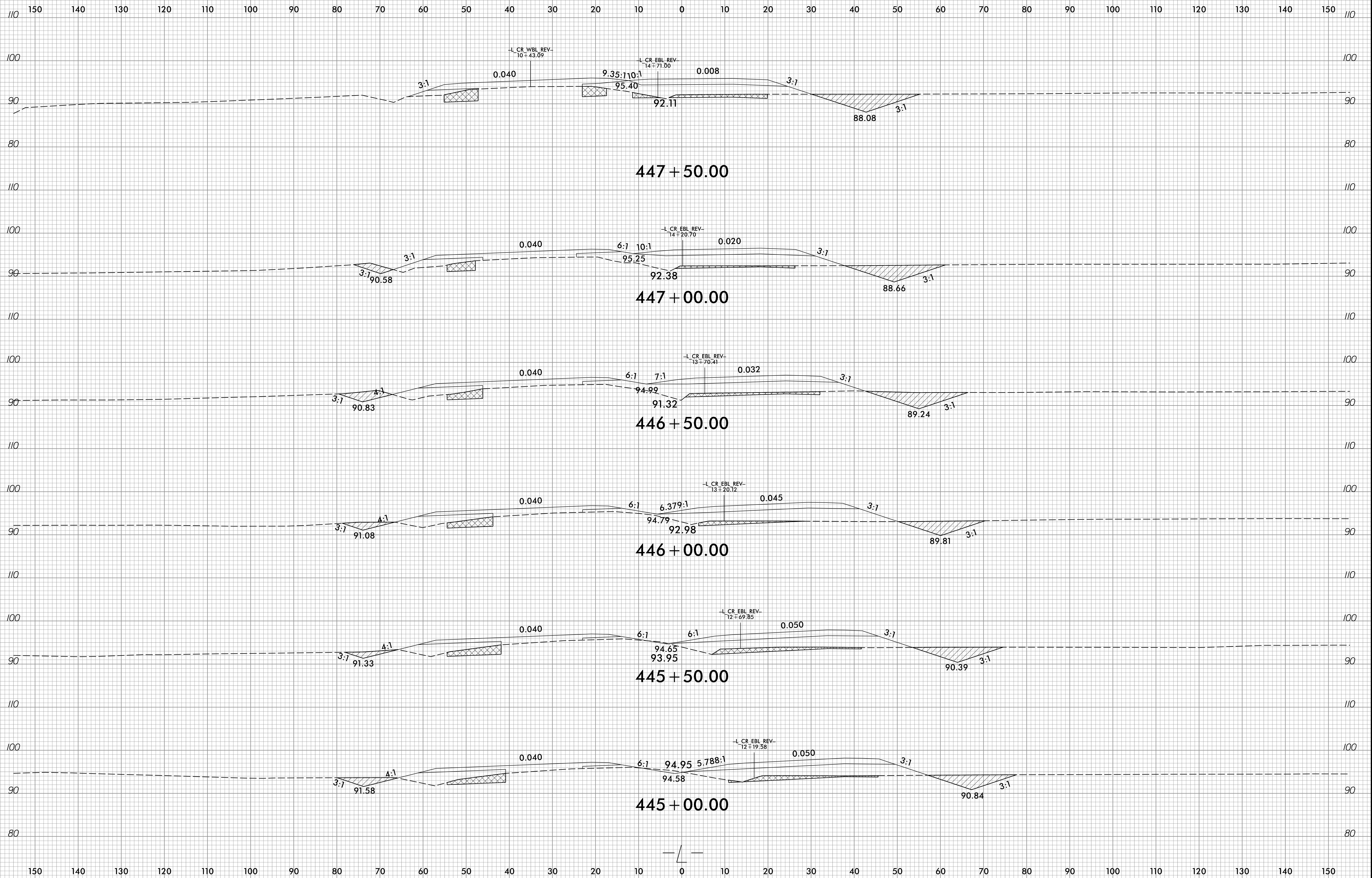


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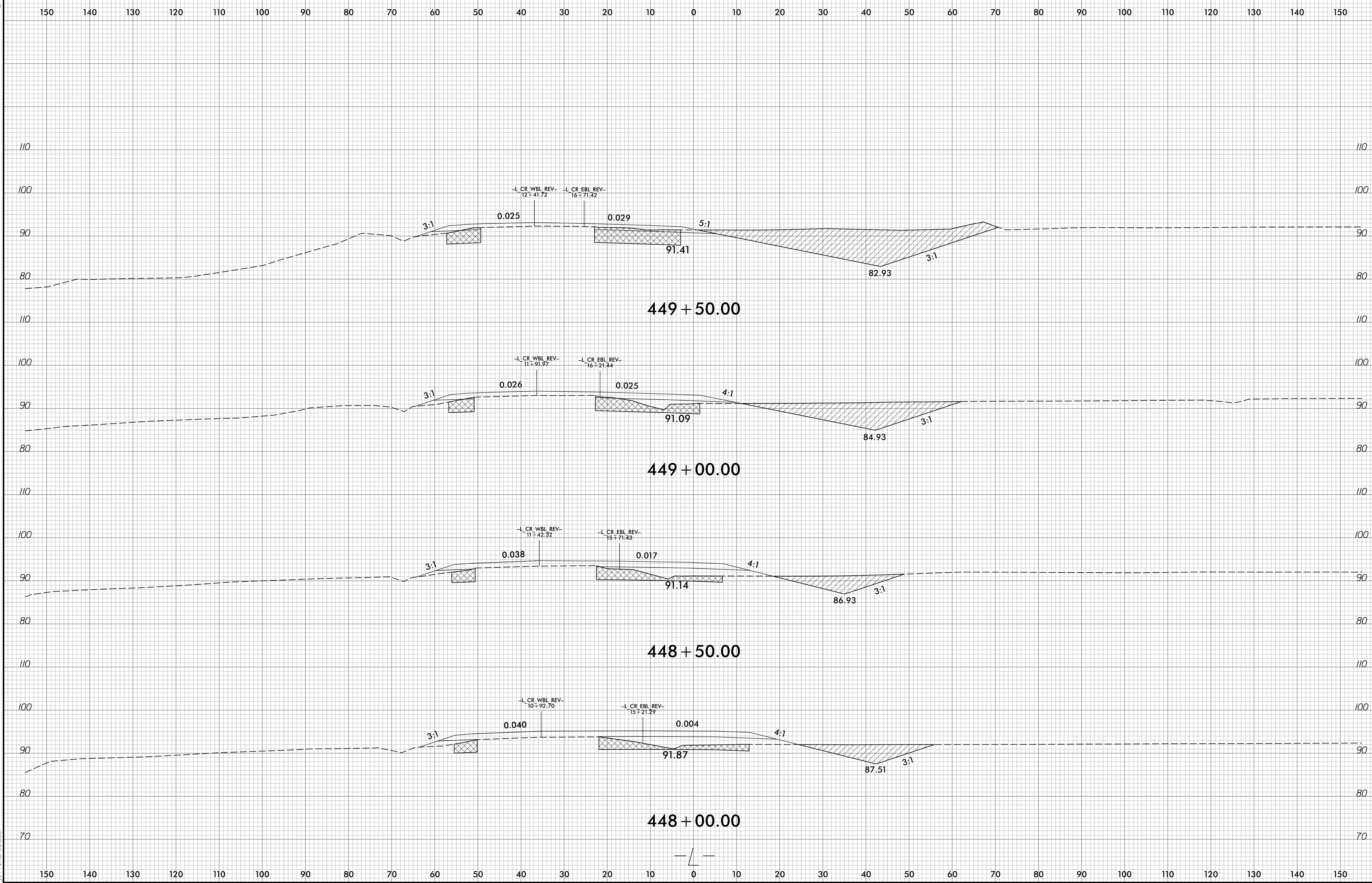
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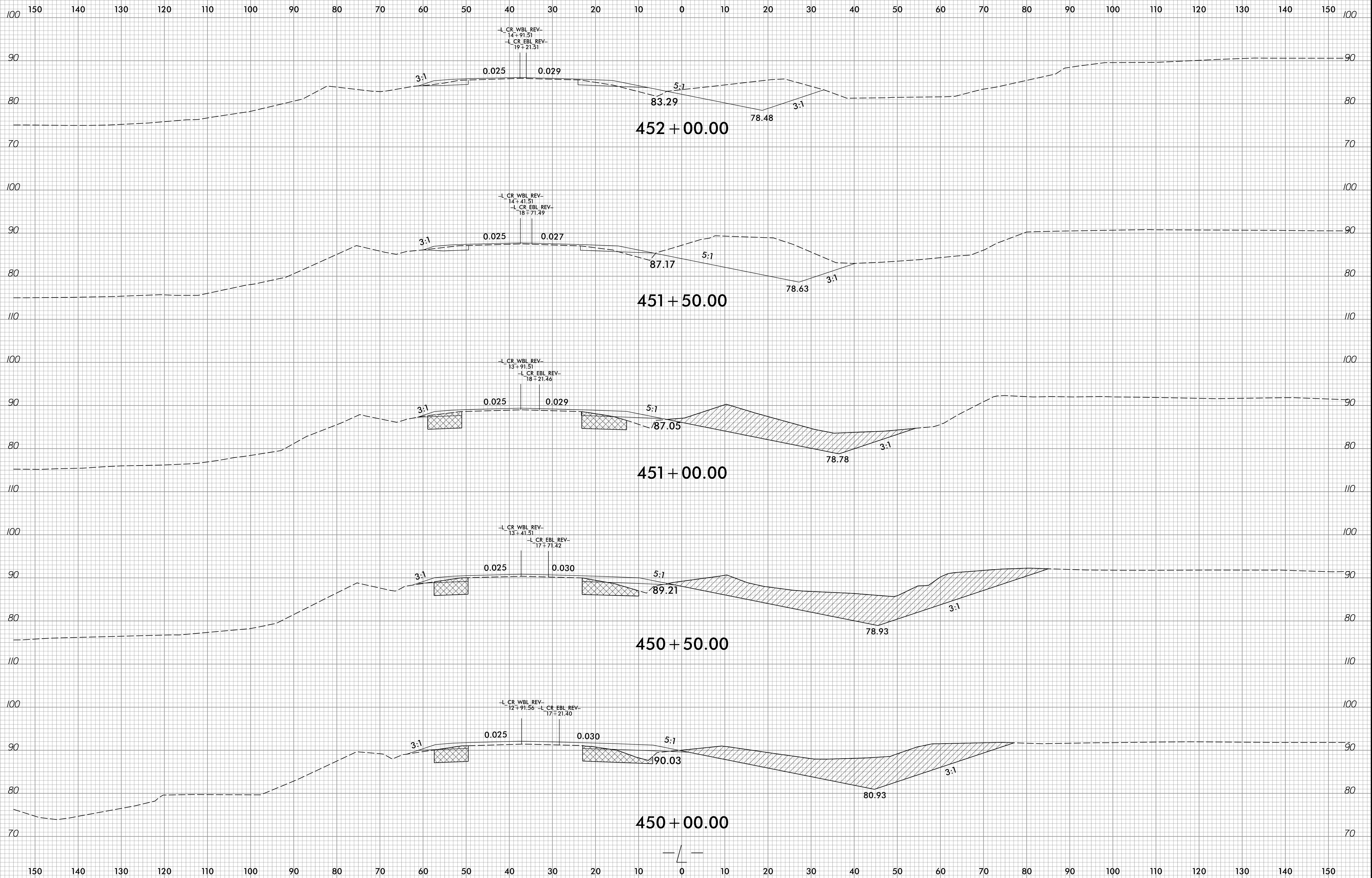


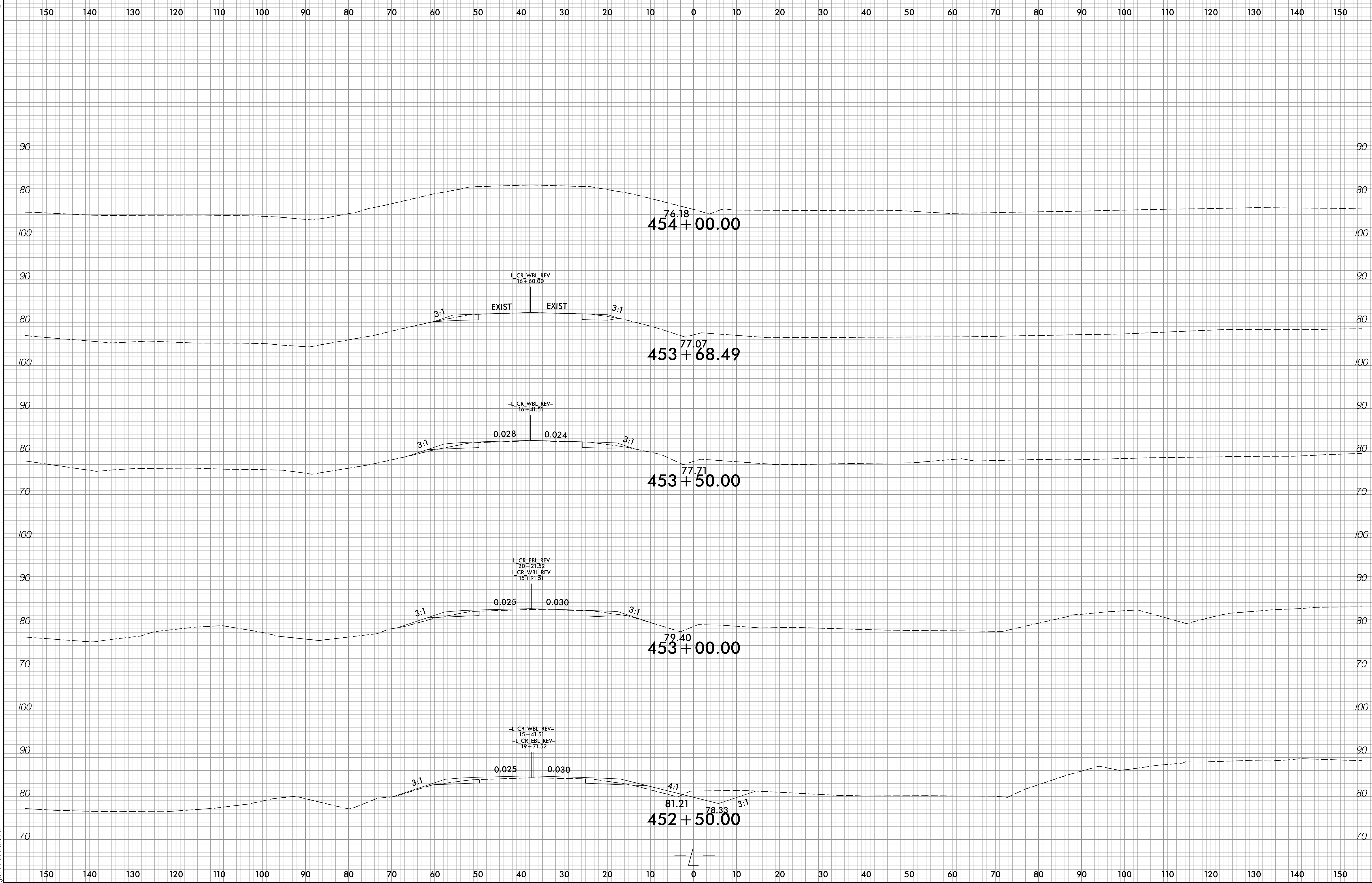


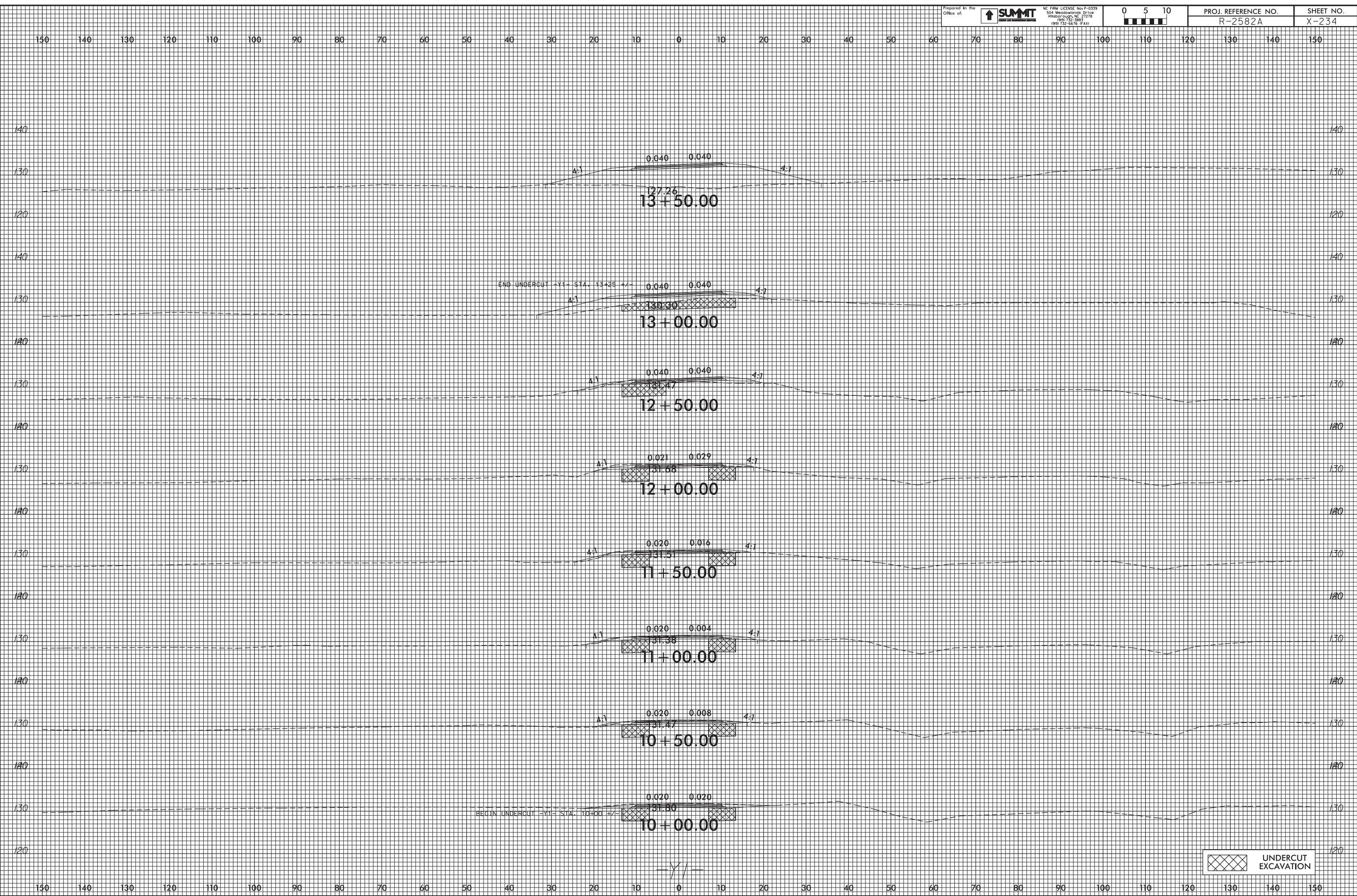


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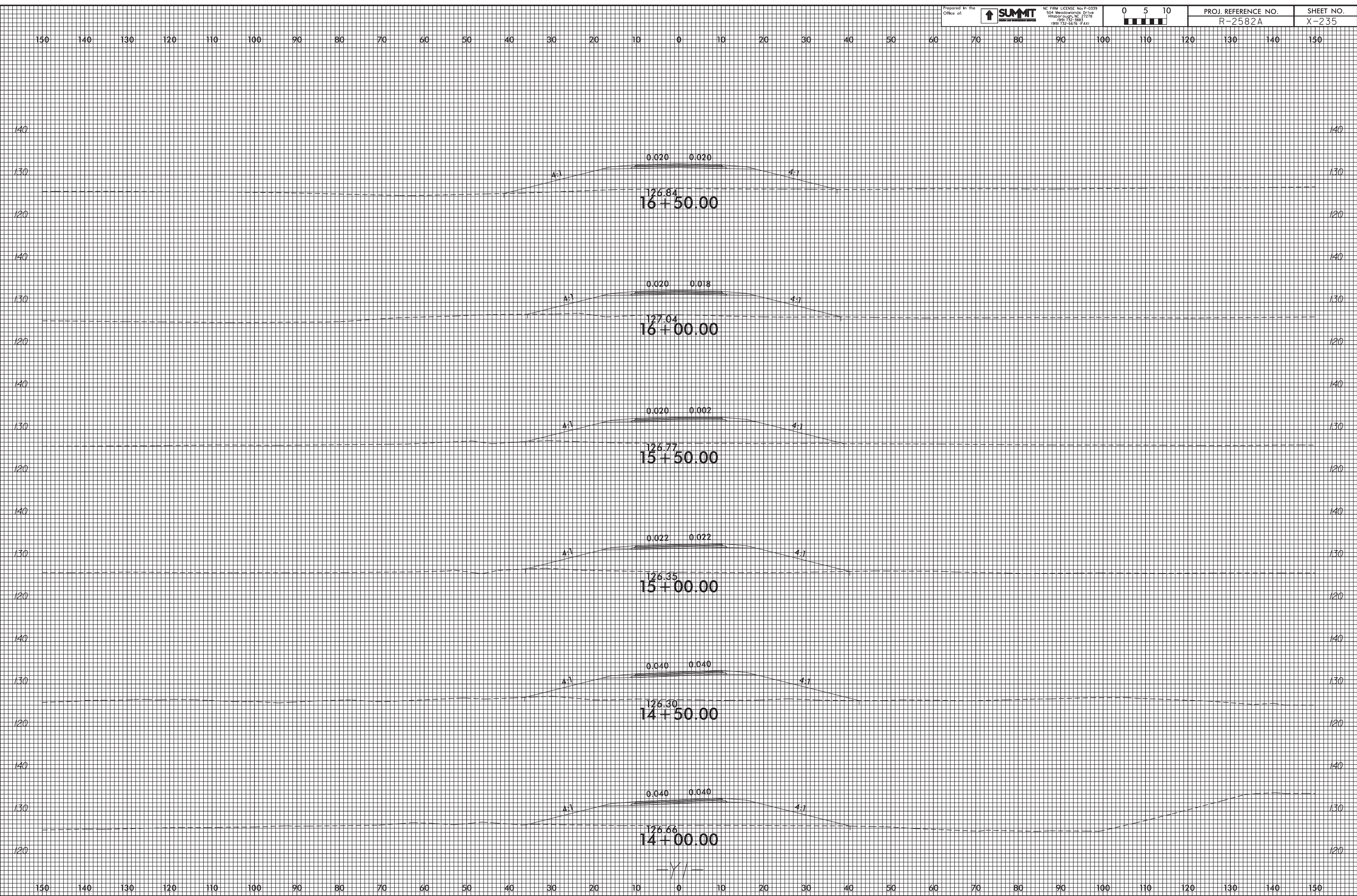




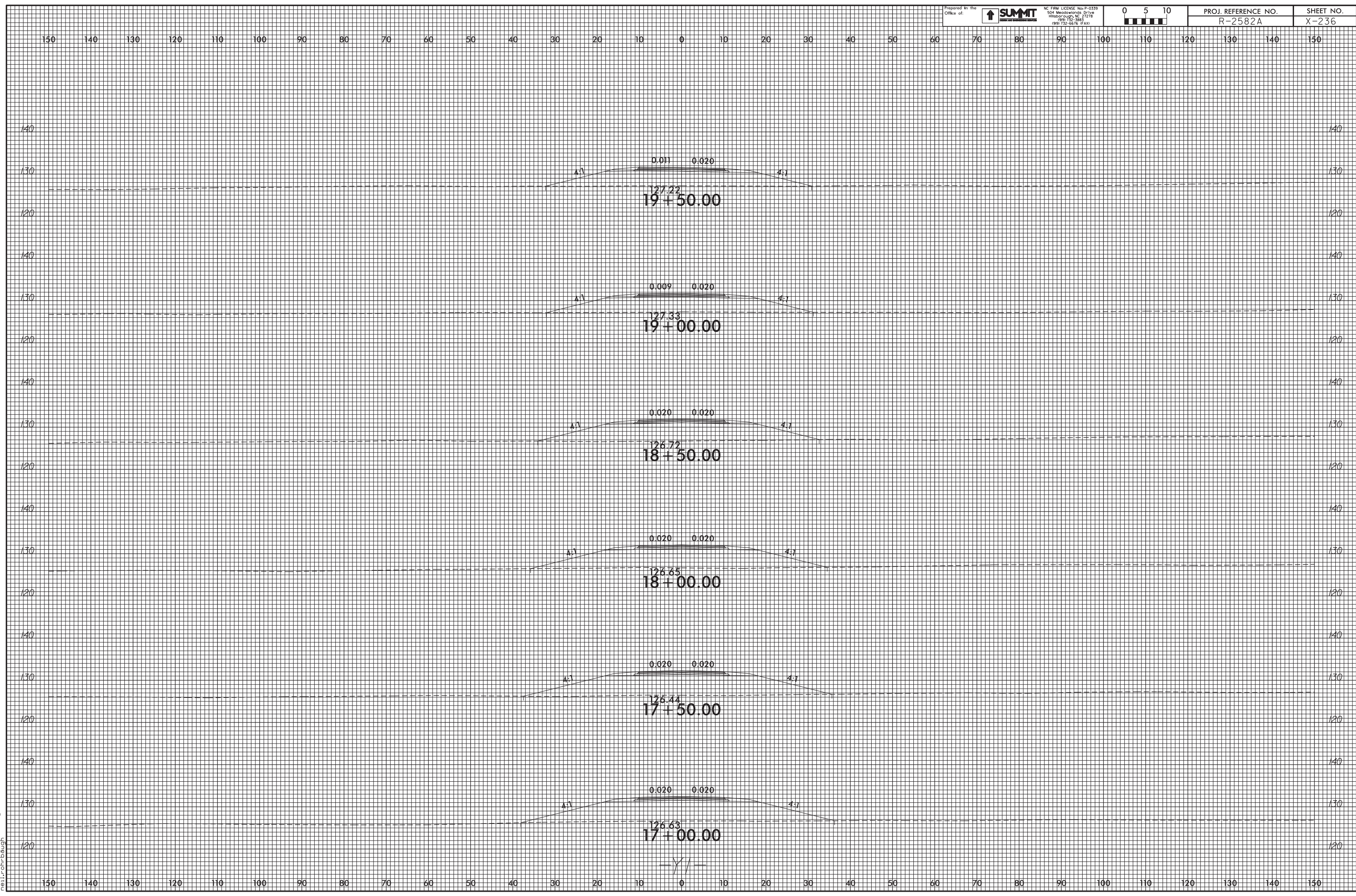




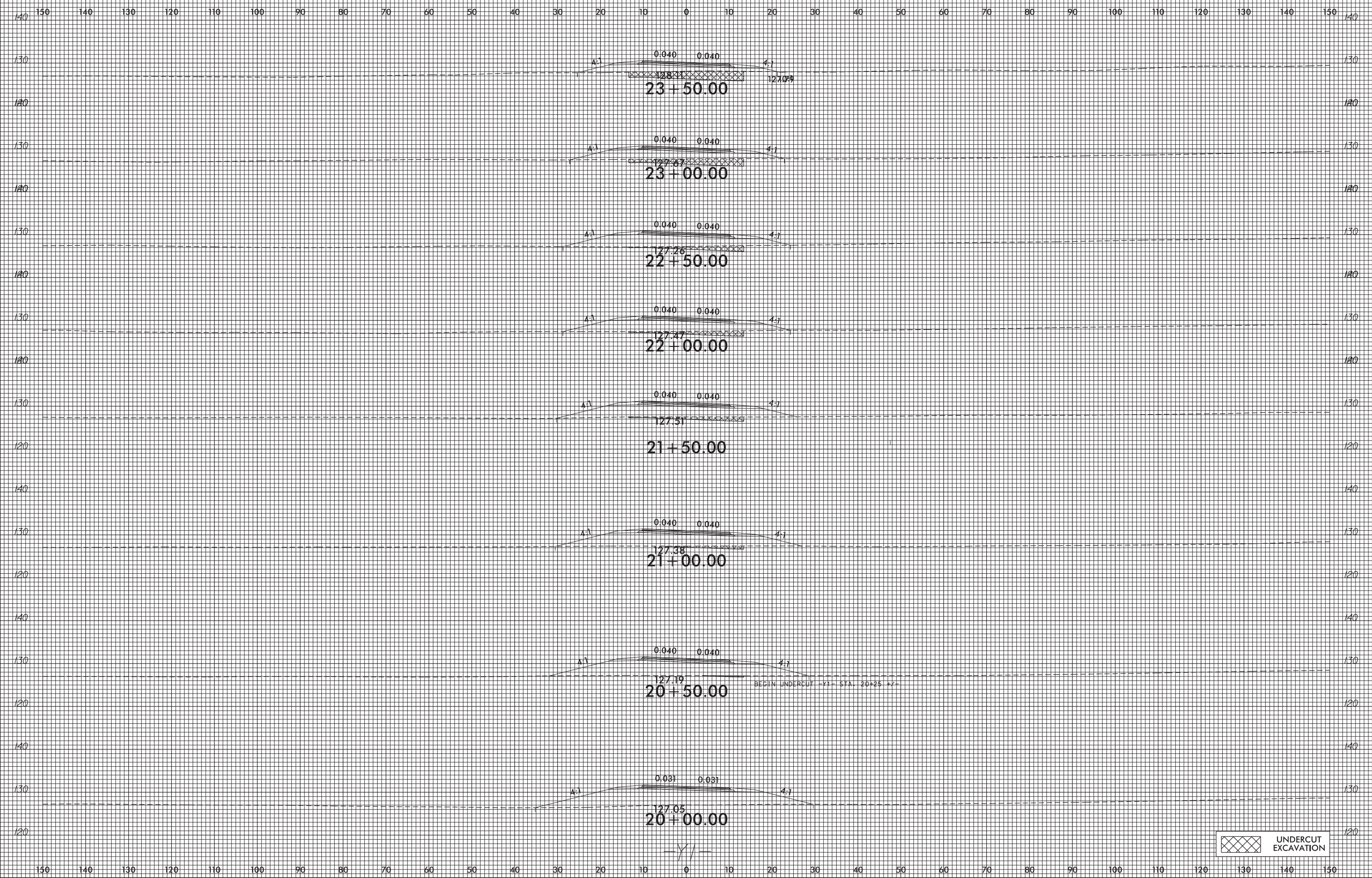
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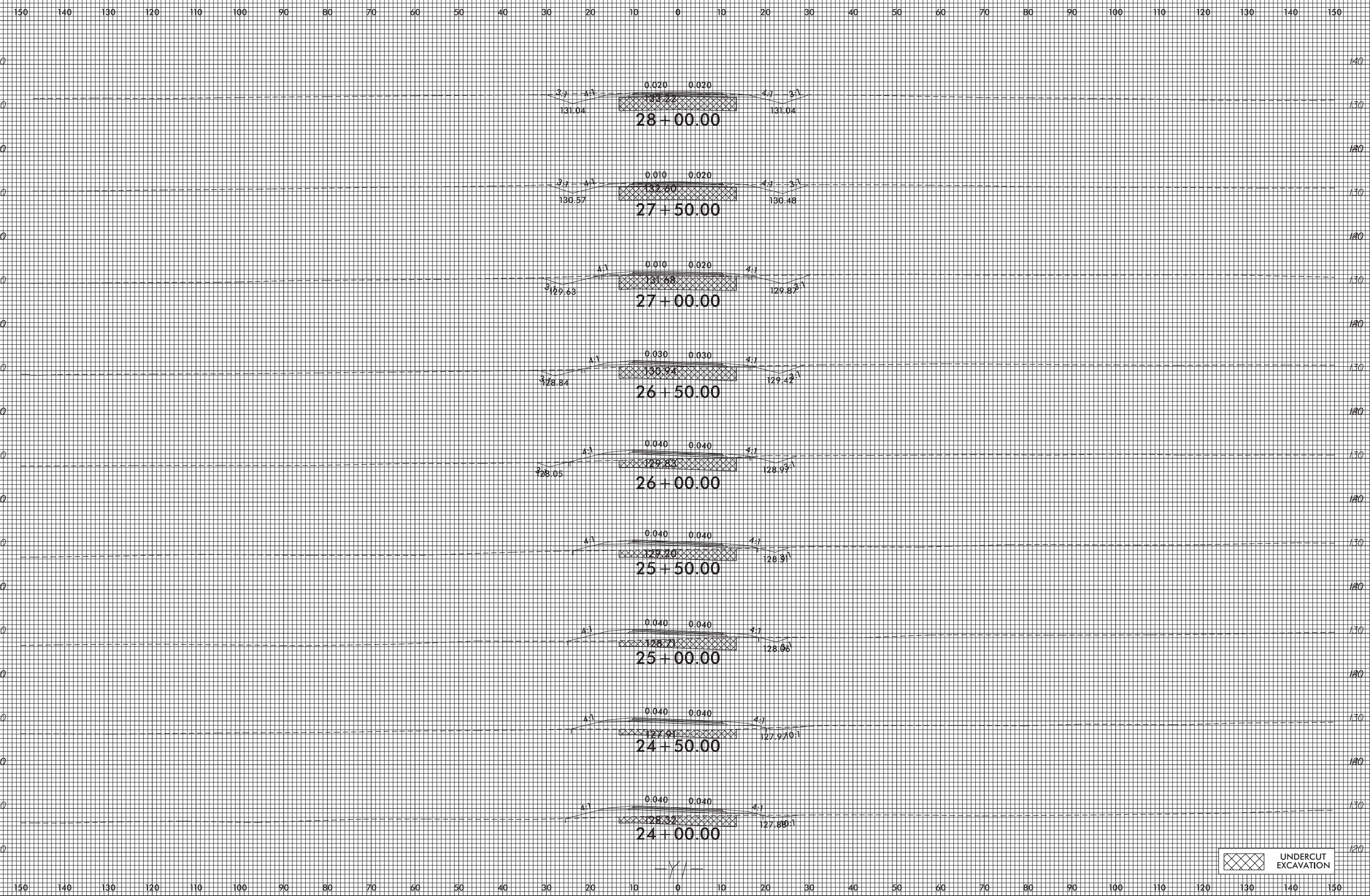
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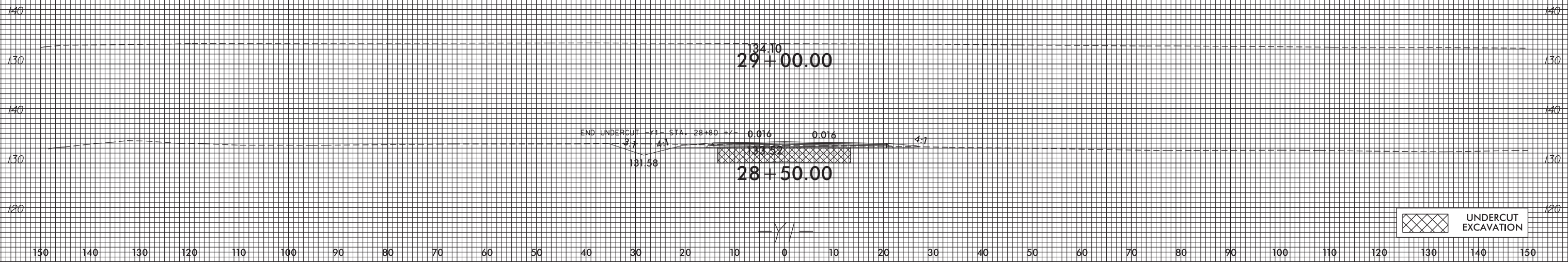
NC FIRM LICENSE No. P-0339  
504 Meadowslands Drive  
Hillsborough, NC 27578  
(919) 752-1883  
(919) 752-0616 (Fax)



PROJ. REFERENCE NO.  
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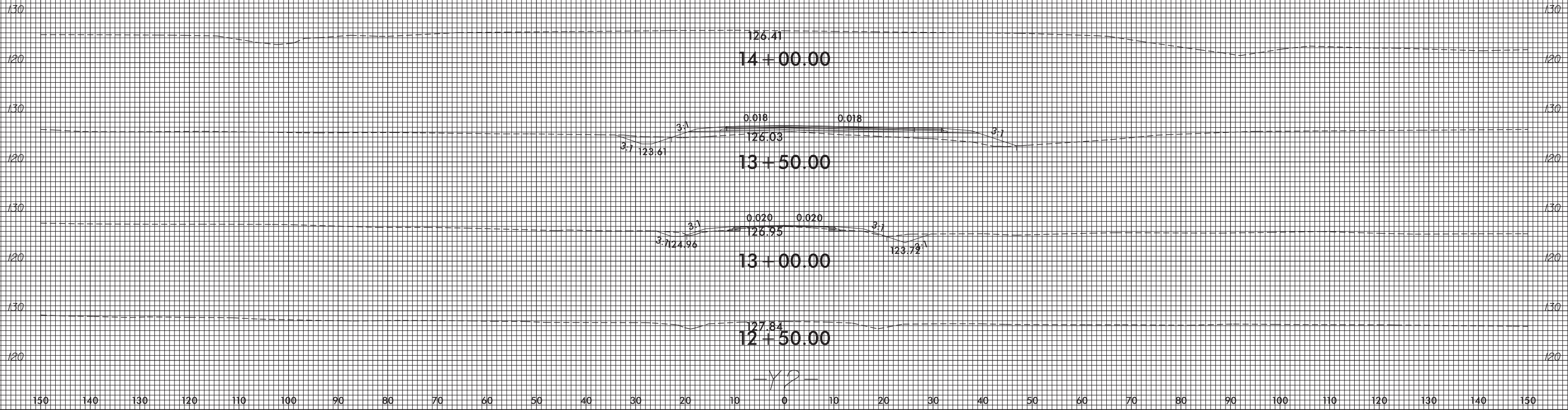
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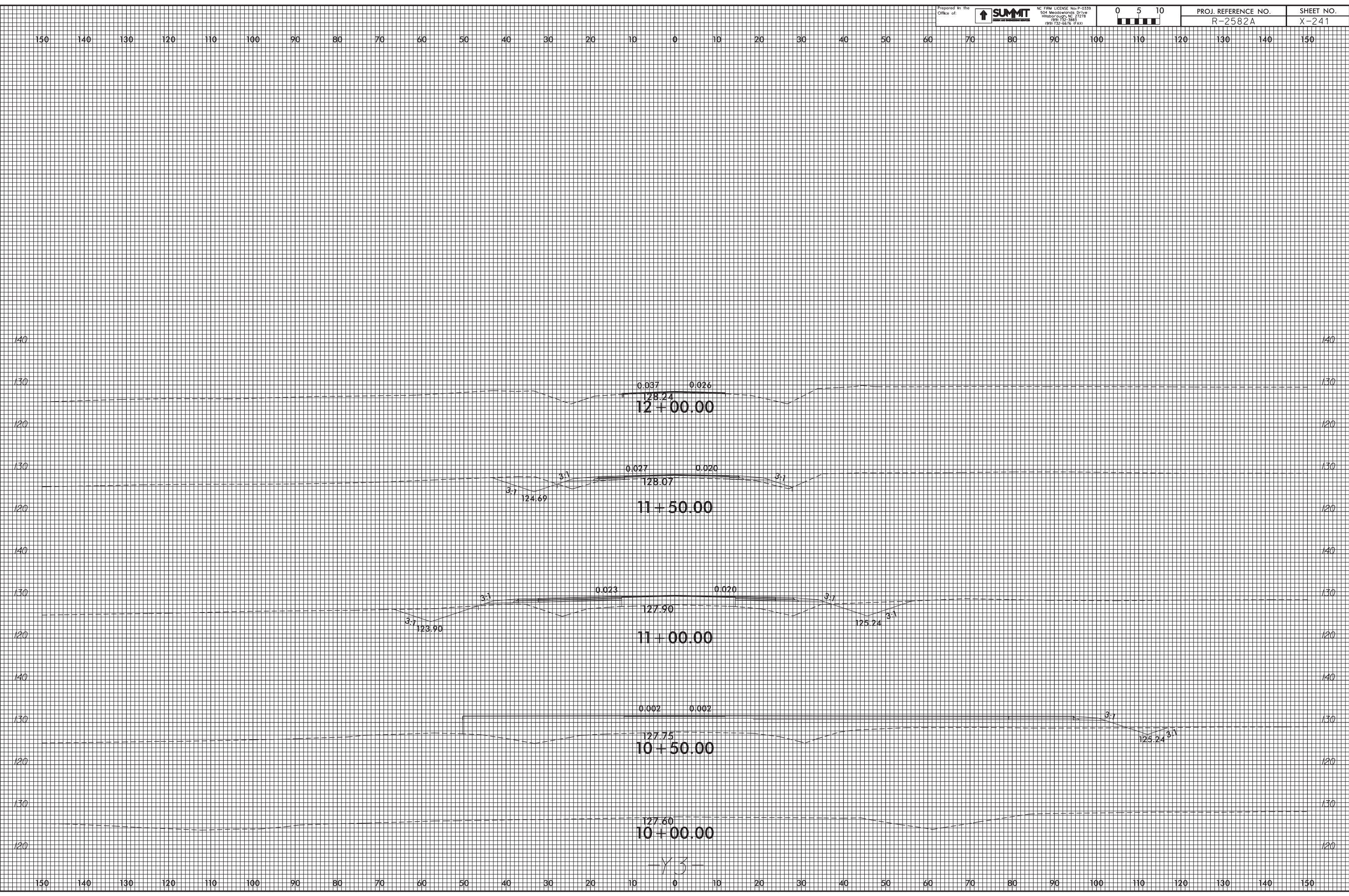


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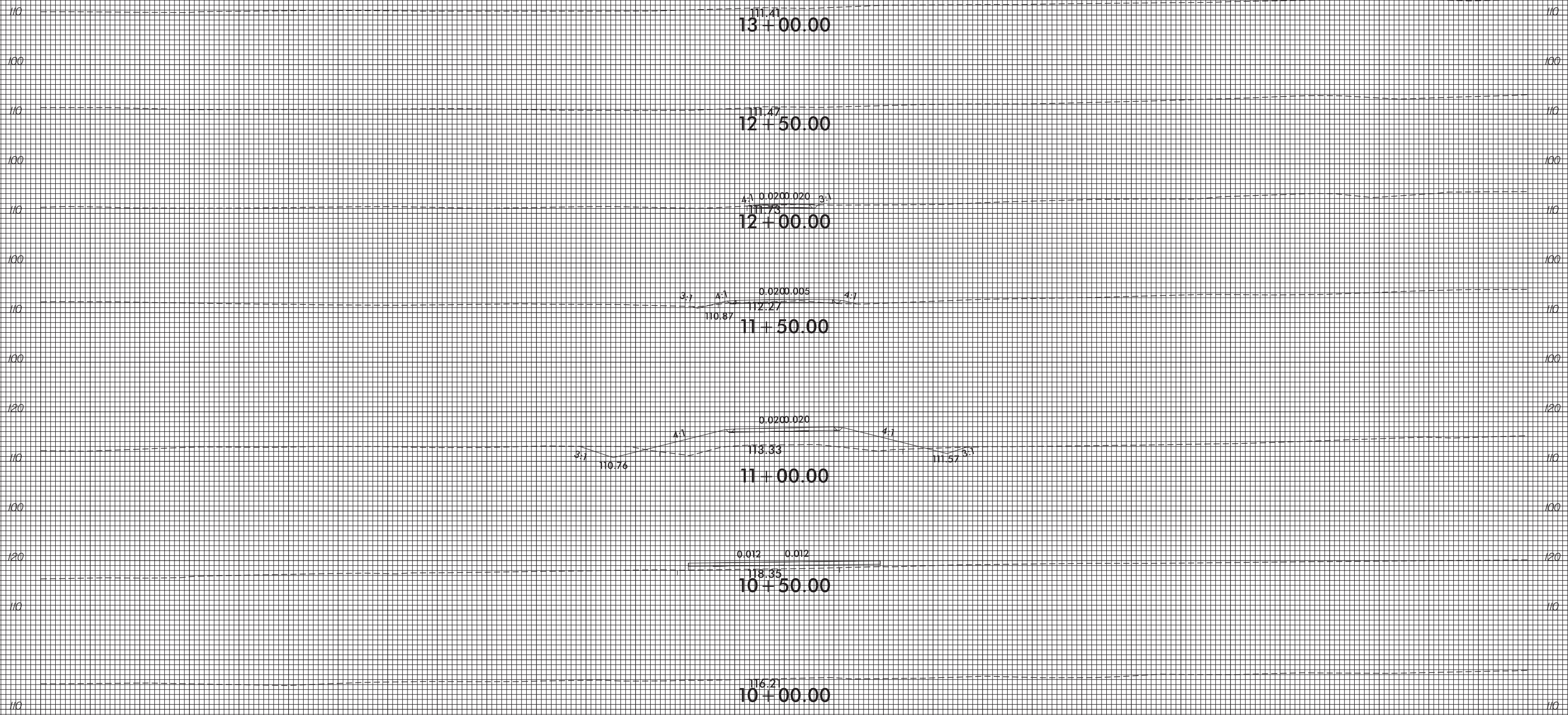


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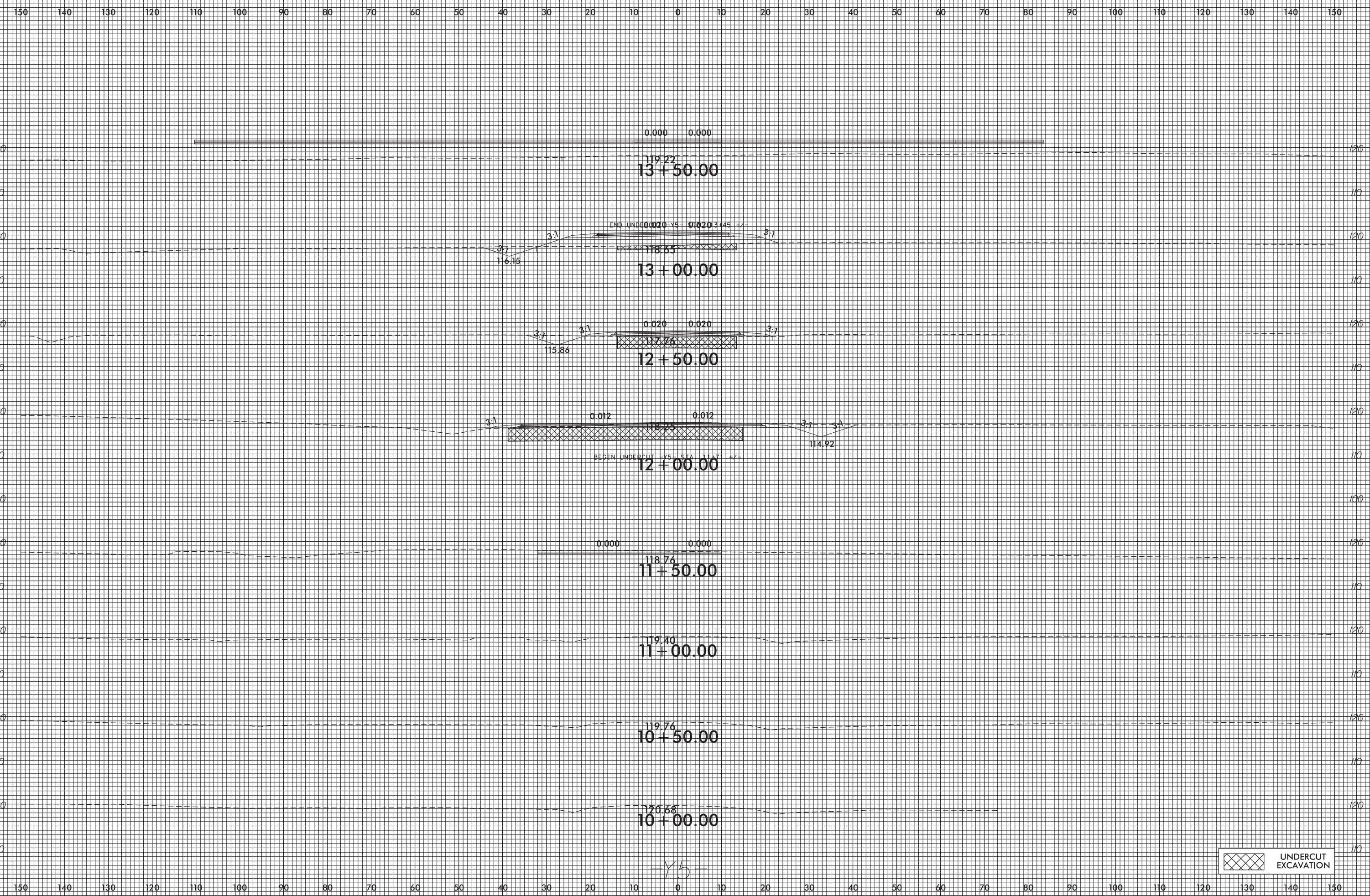
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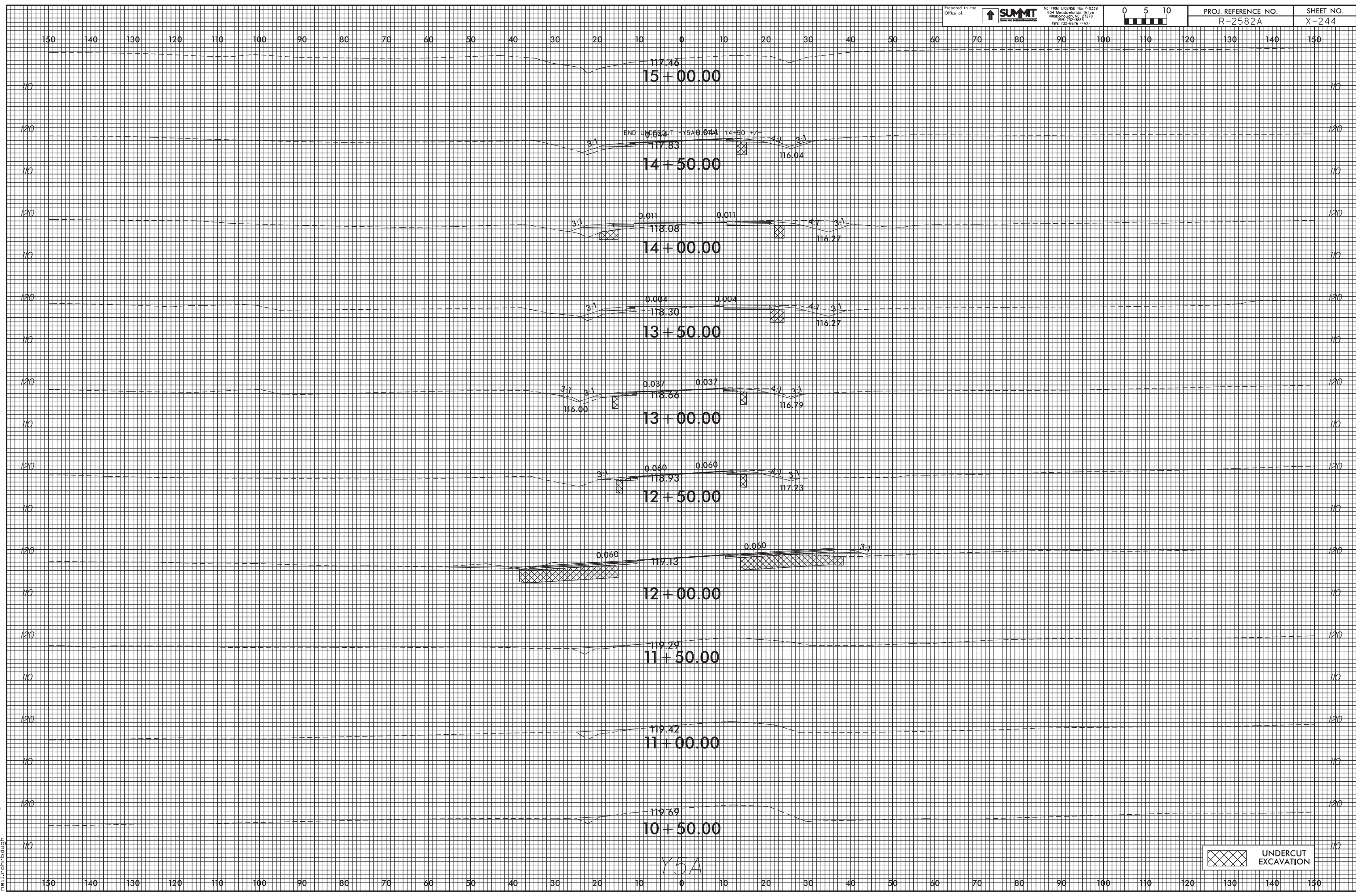
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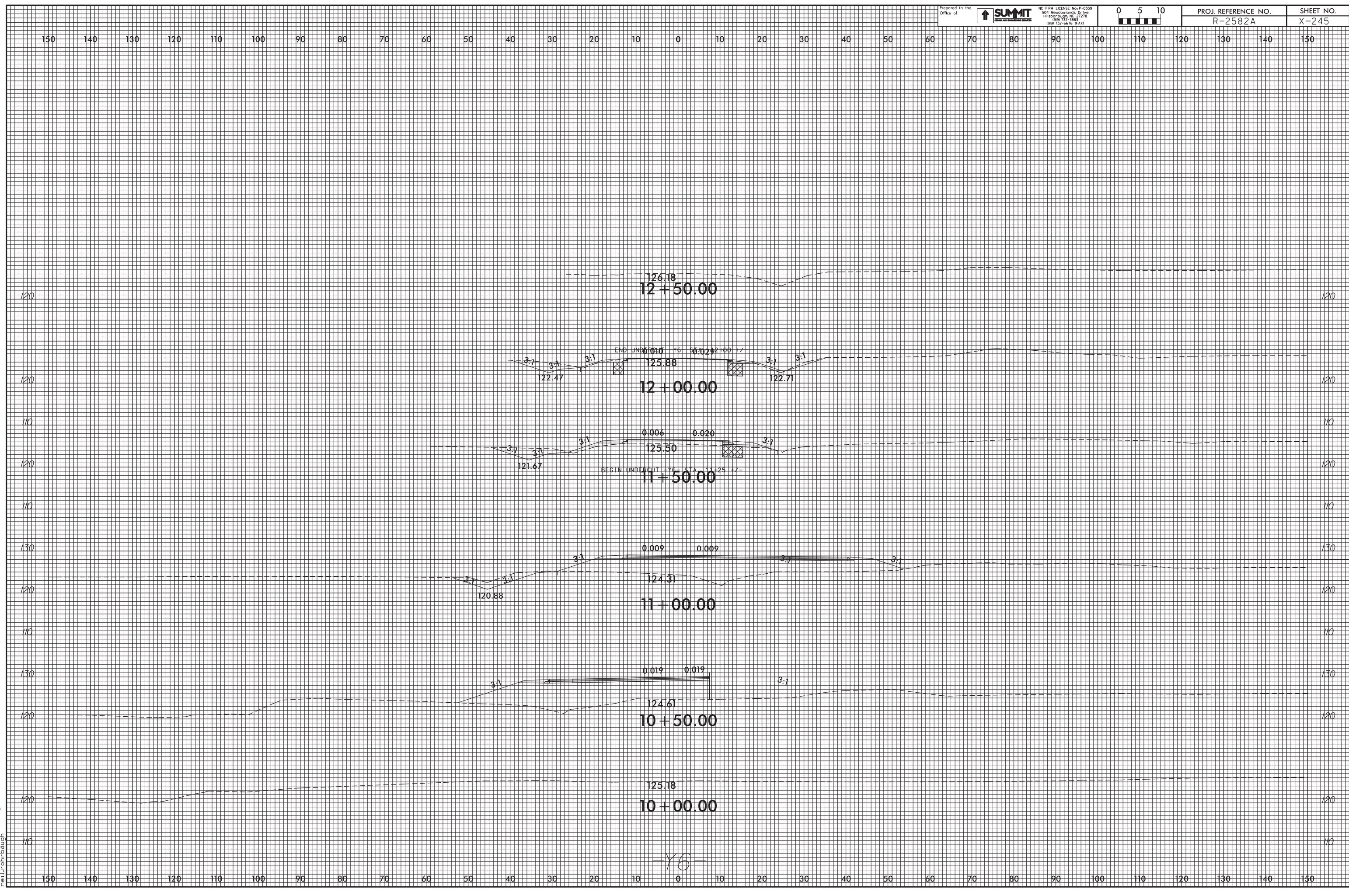
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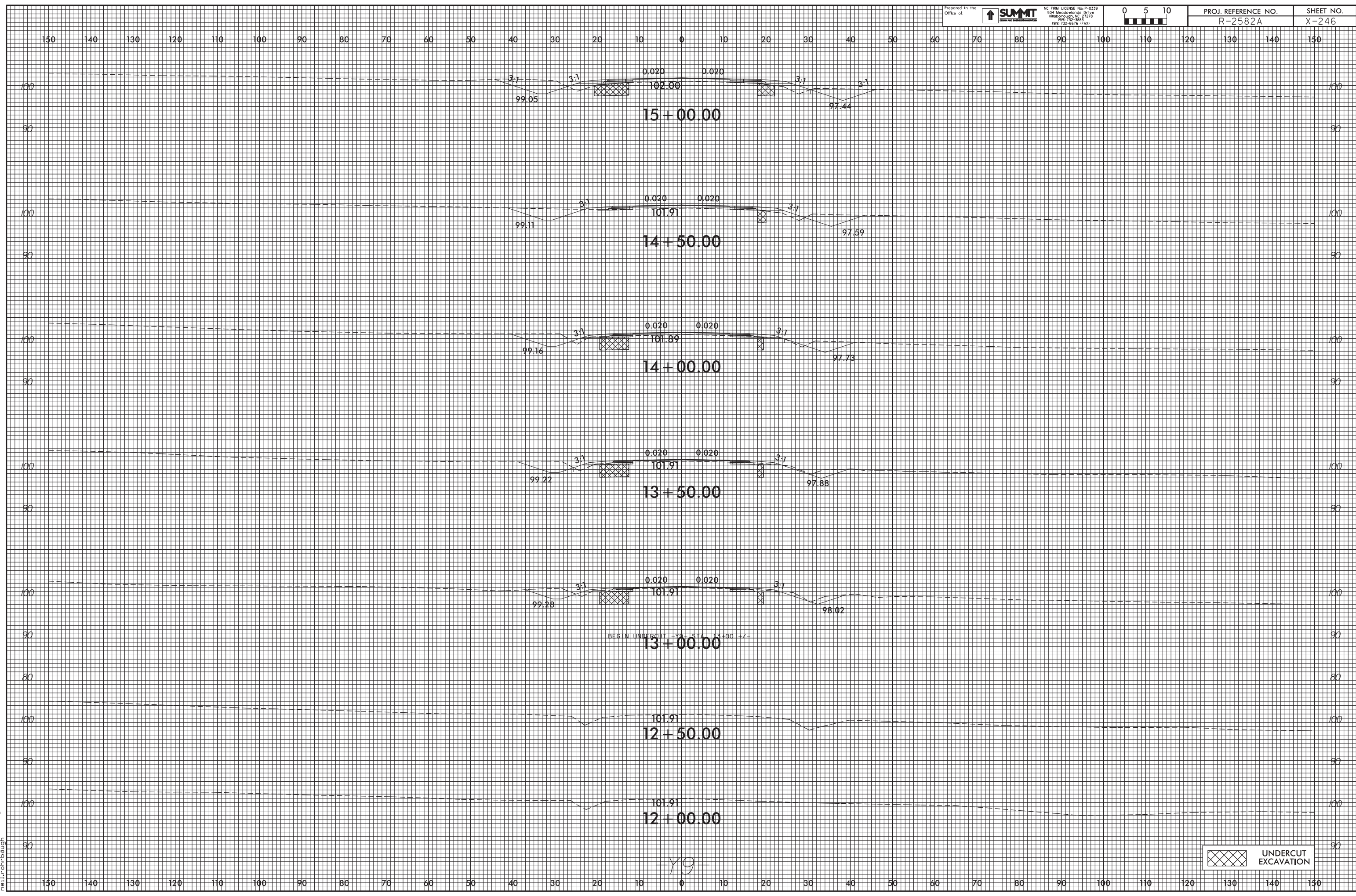
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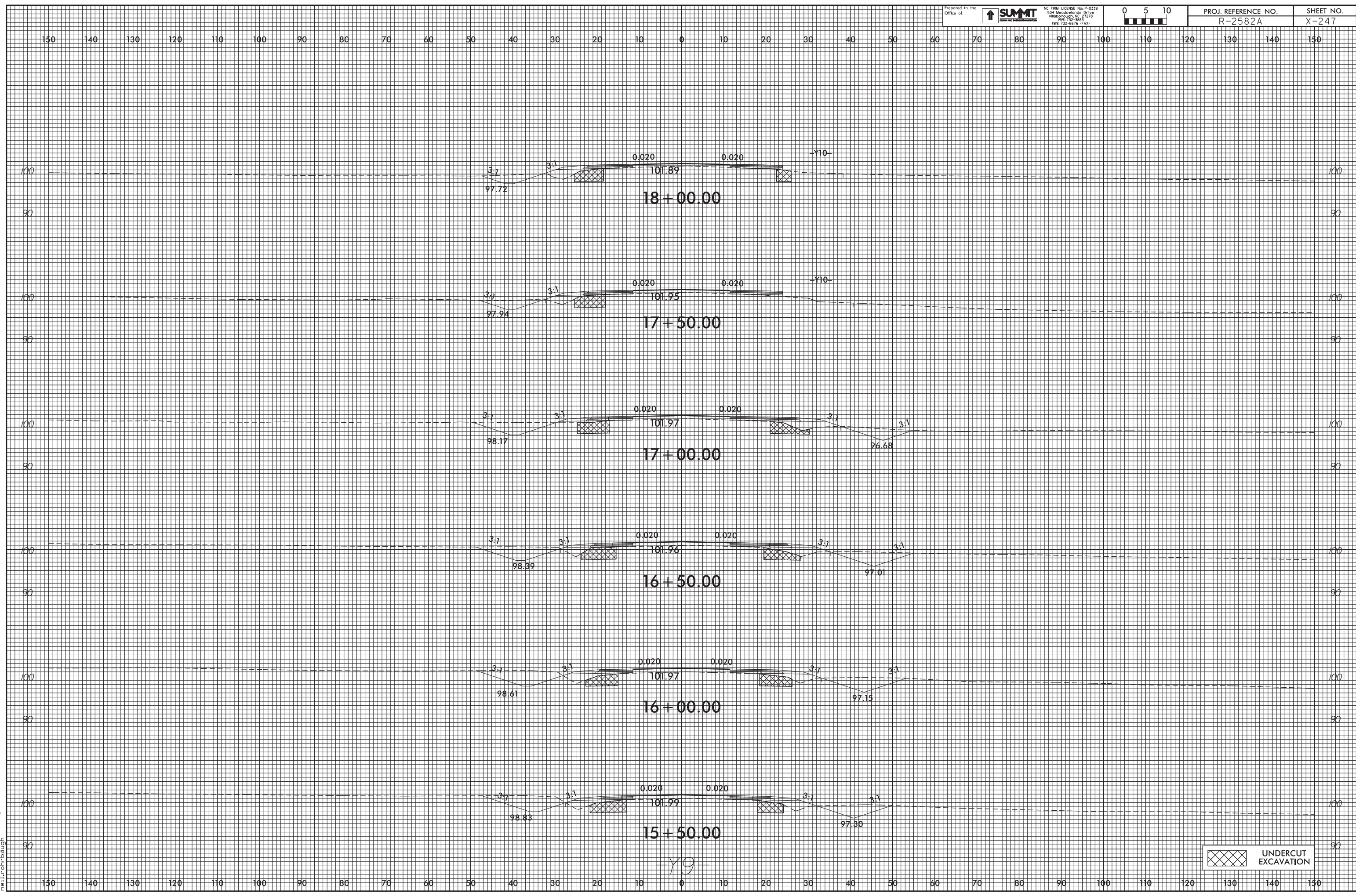
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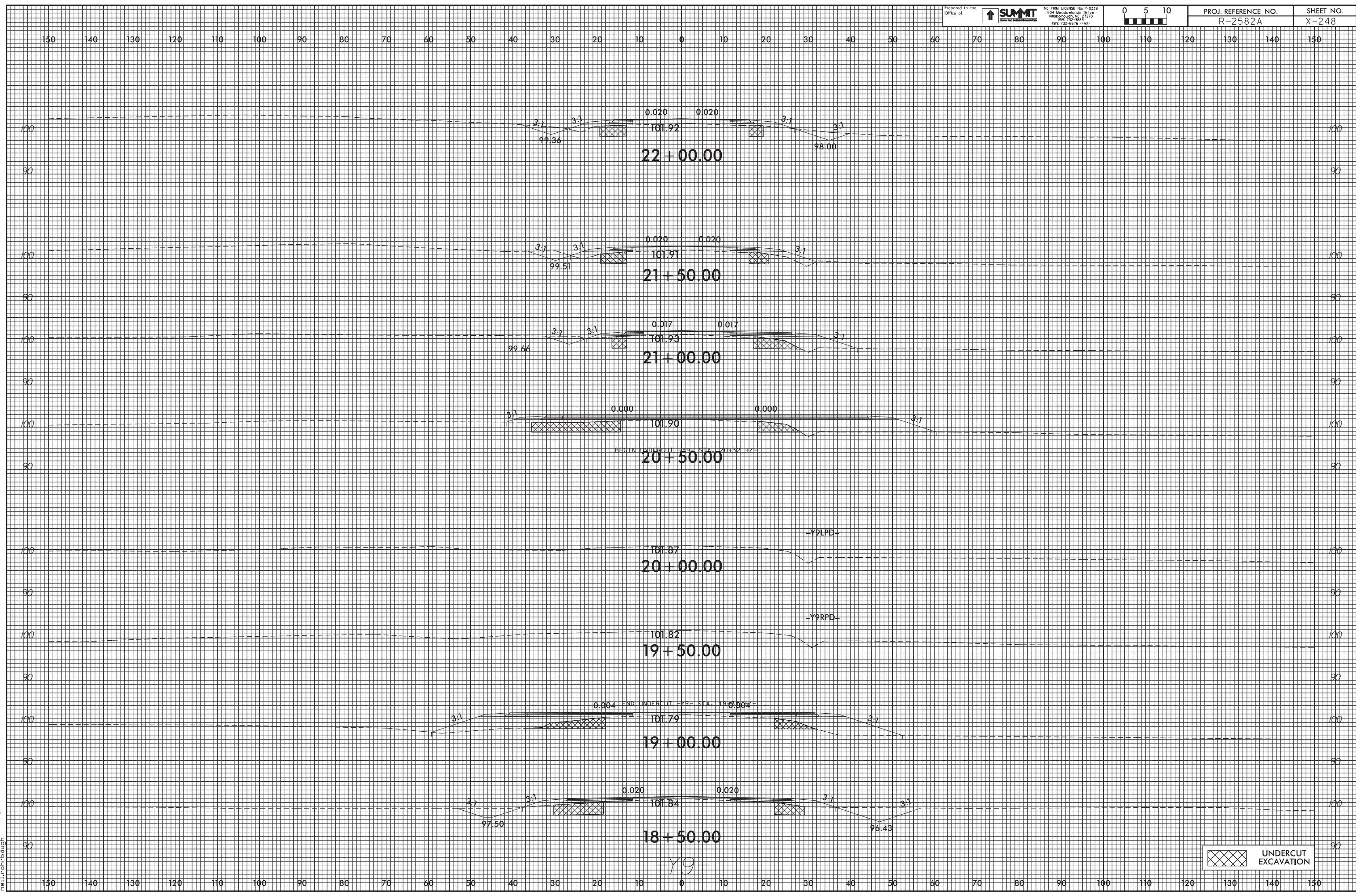
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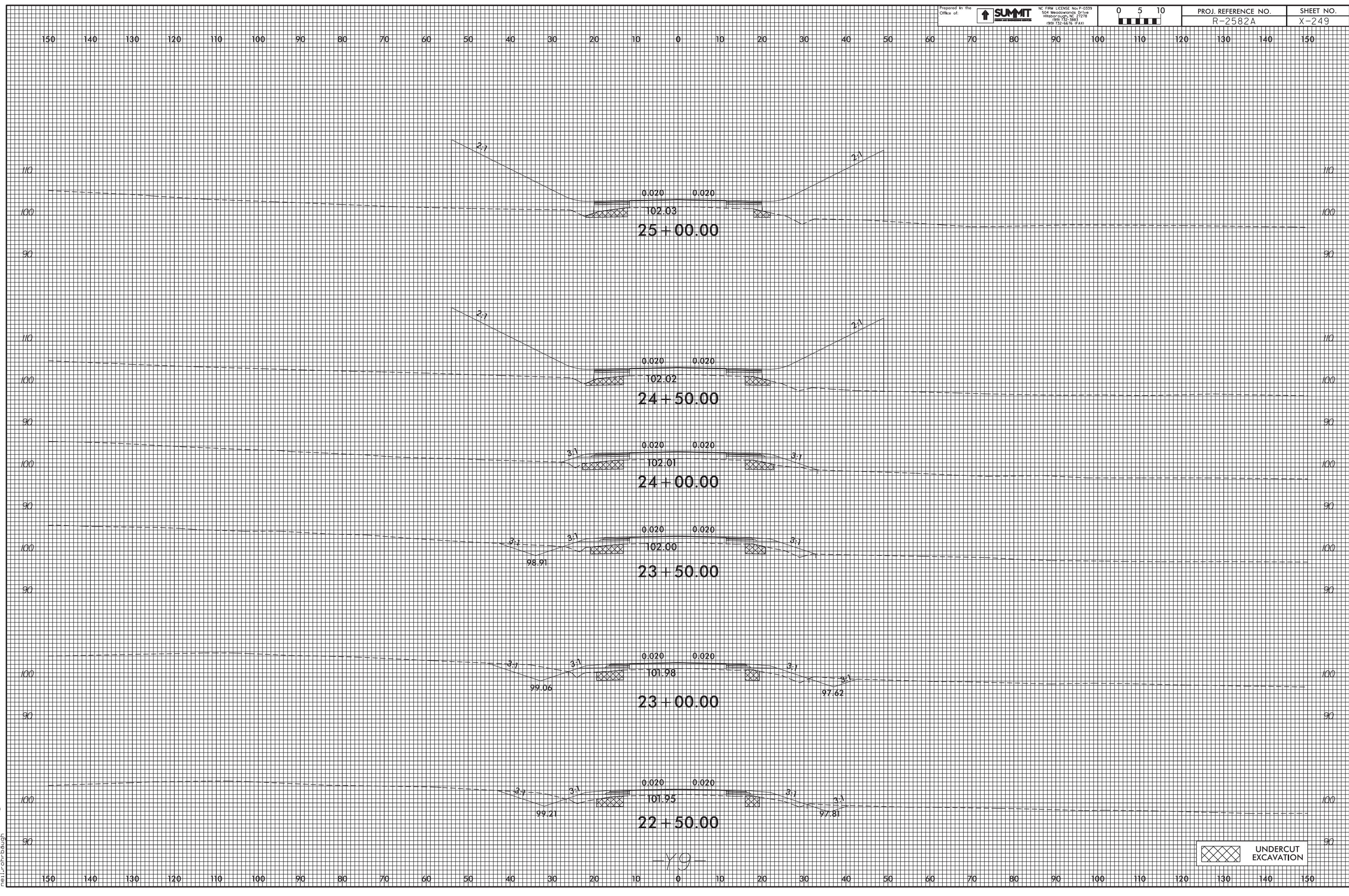


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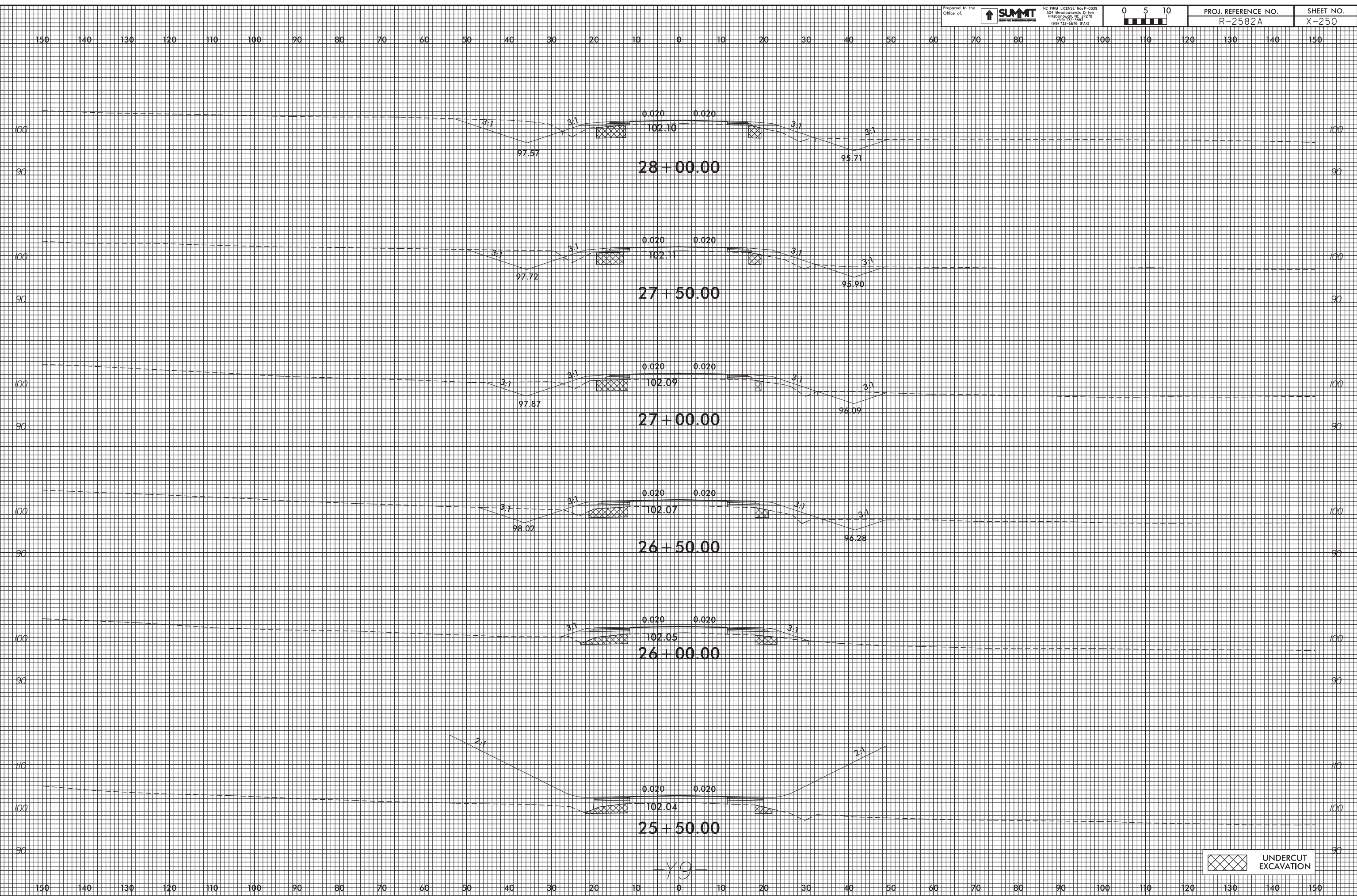
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UNDERCUT EXCAVATION

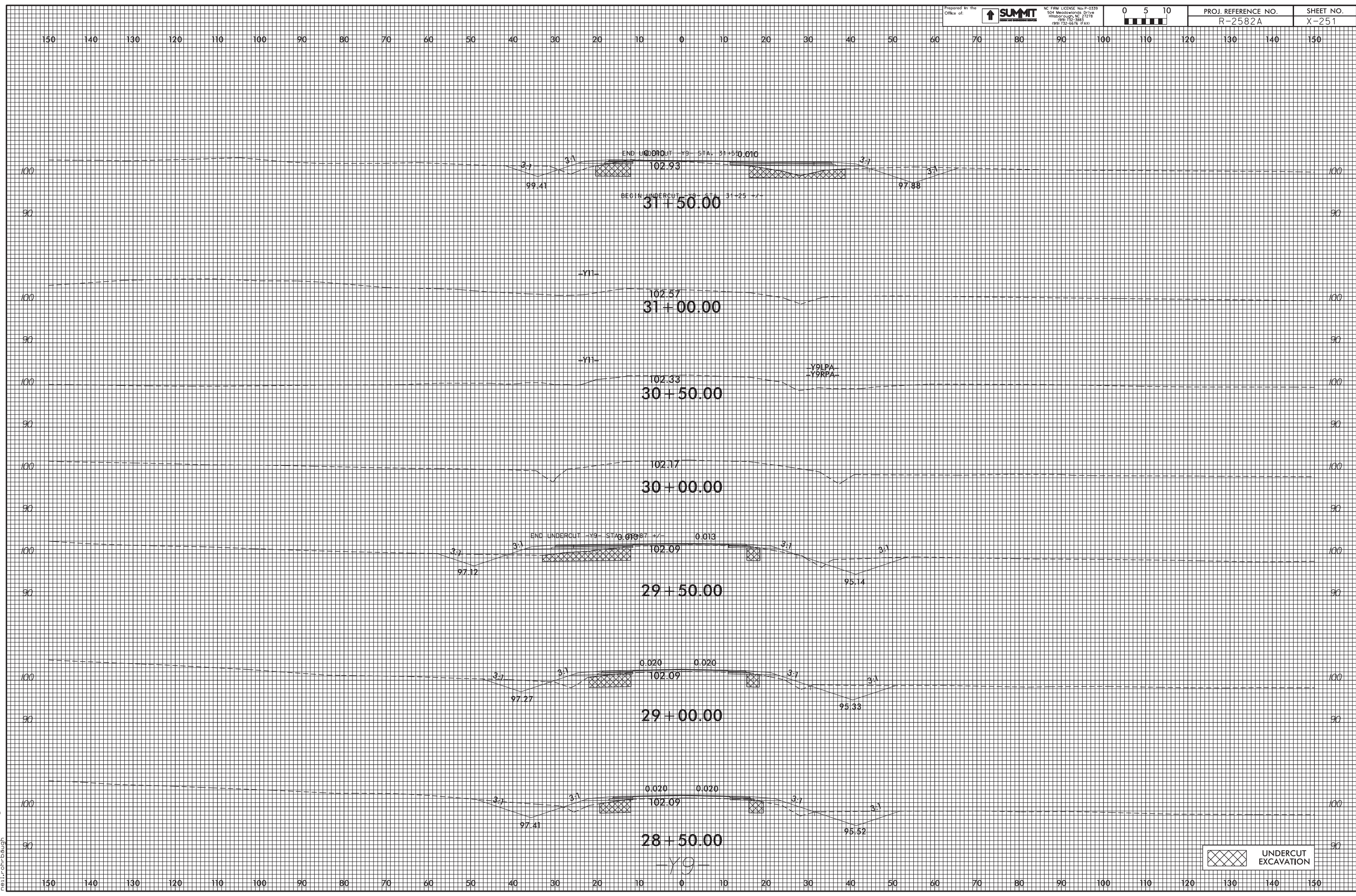
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UNDERCUT EXCAVATION

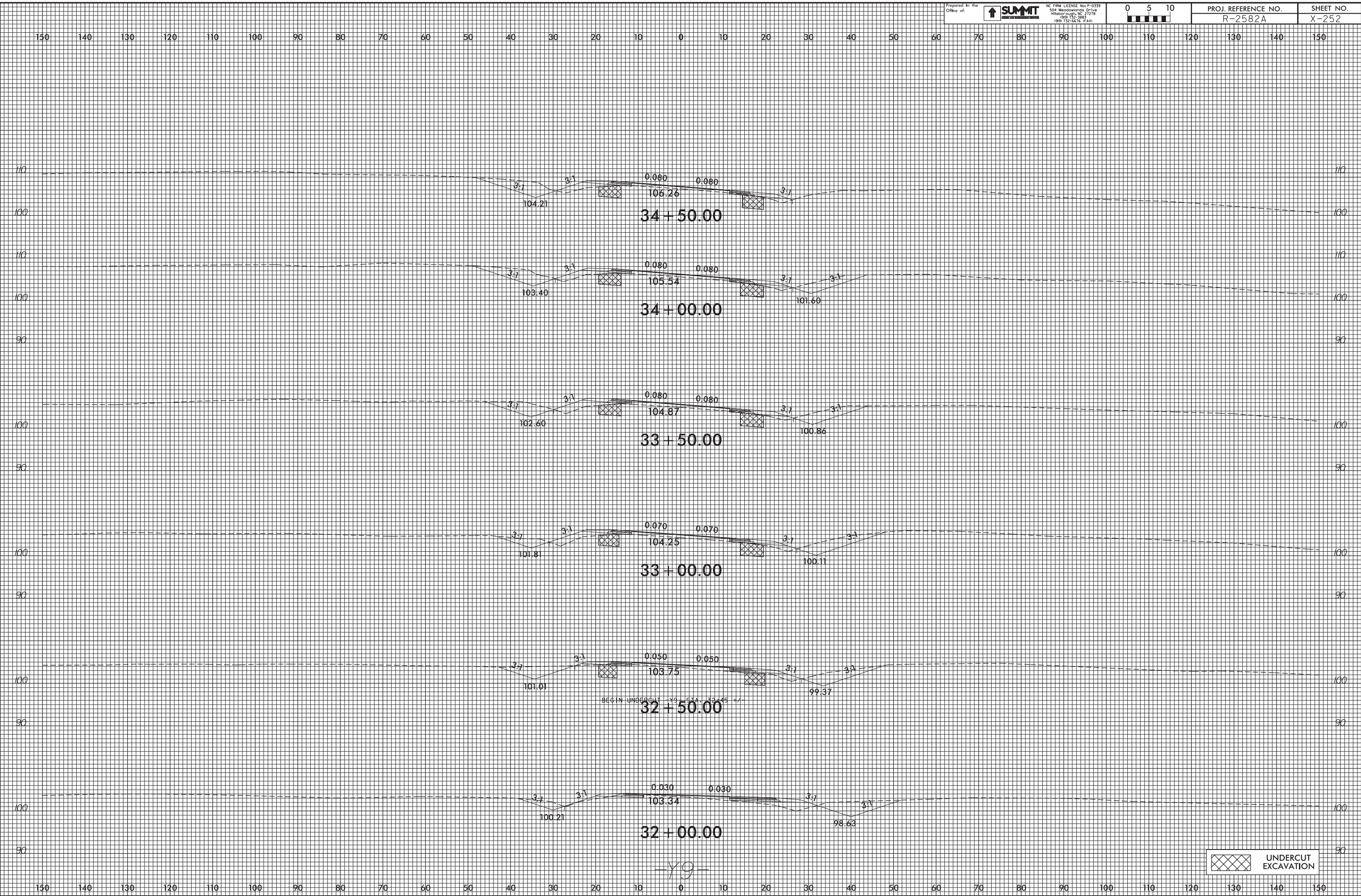
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-Y9-



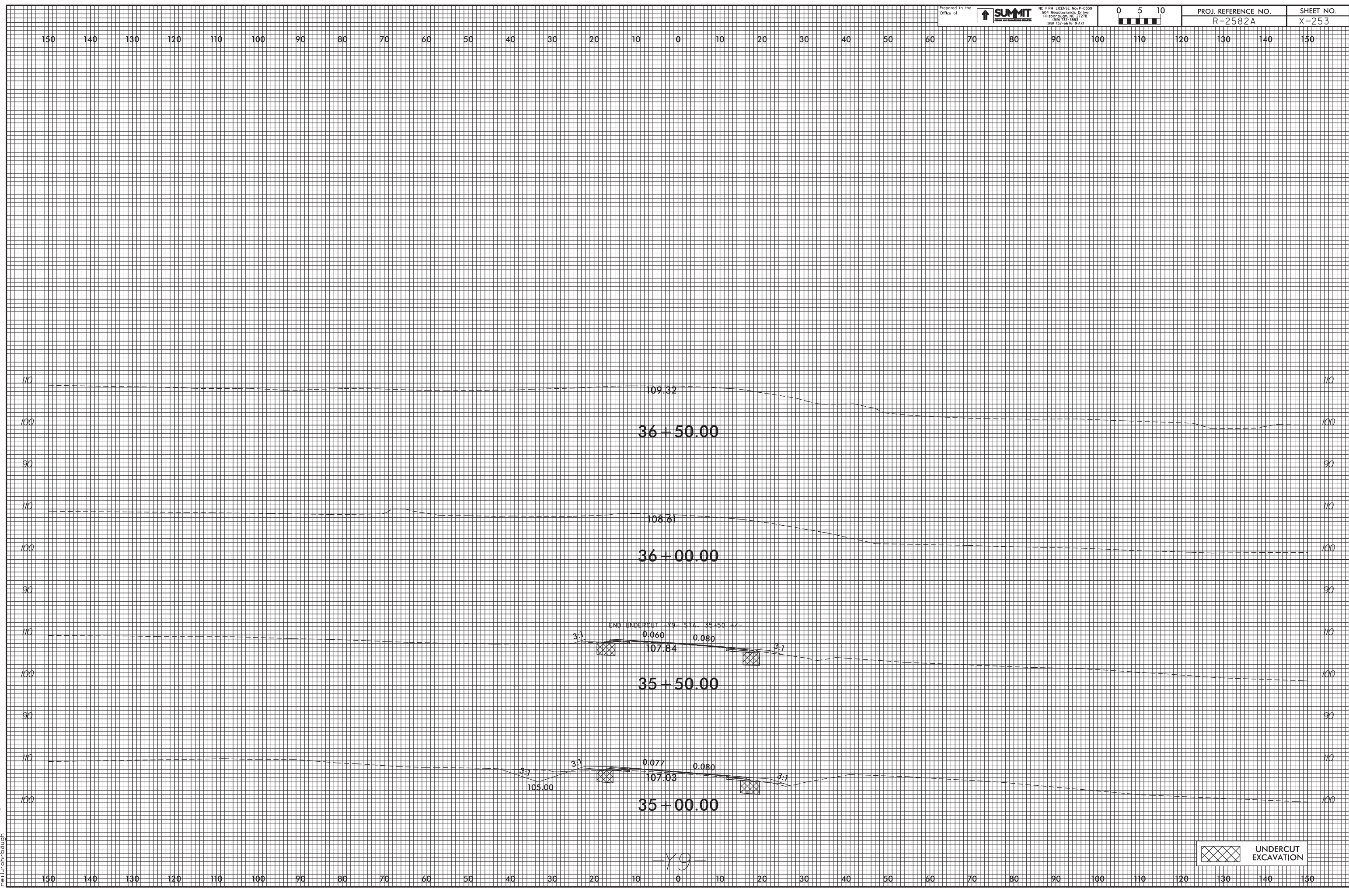
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UNDERCUT EXCAVATION



UNDERCUT EXCAVATION

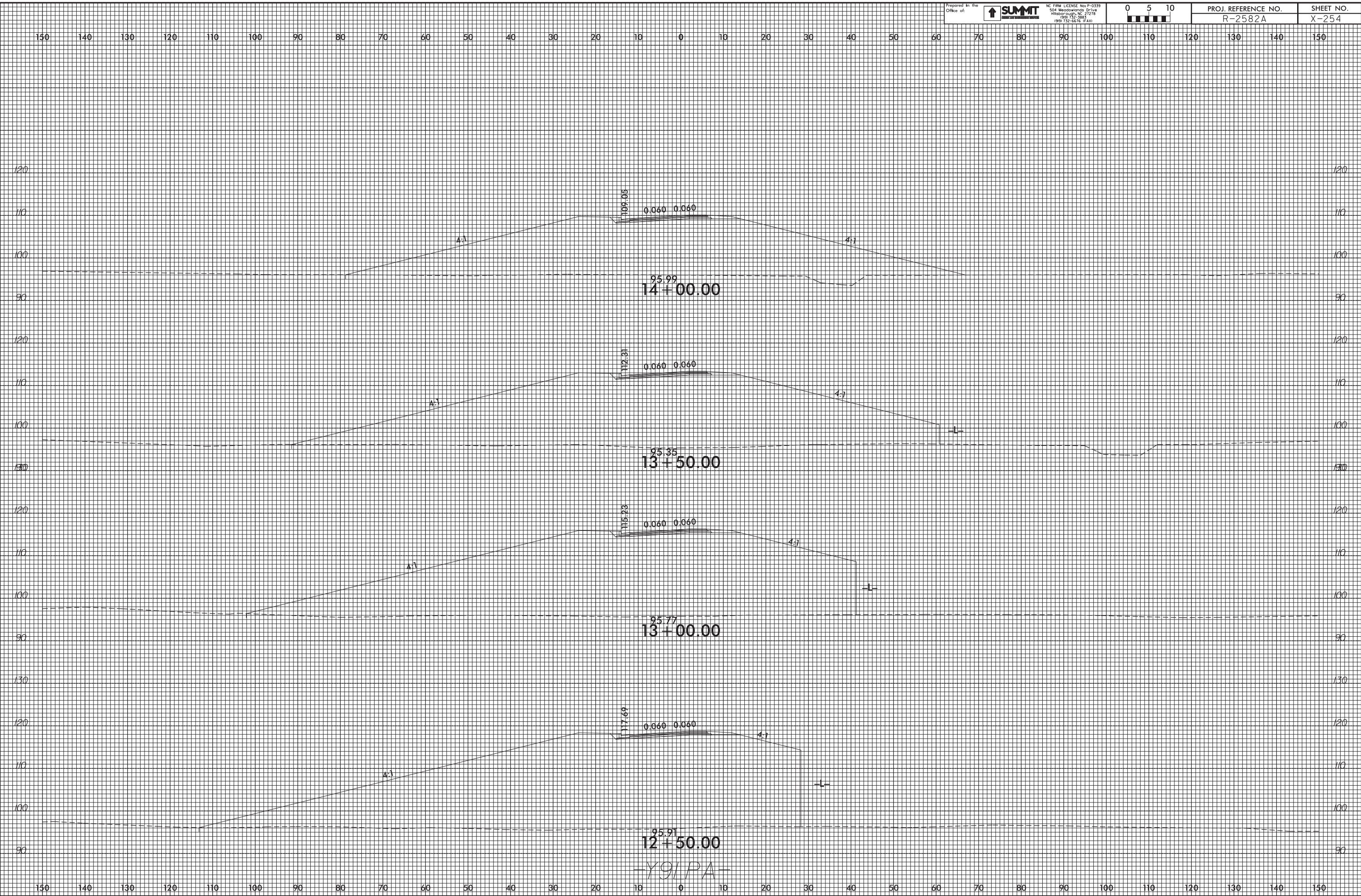
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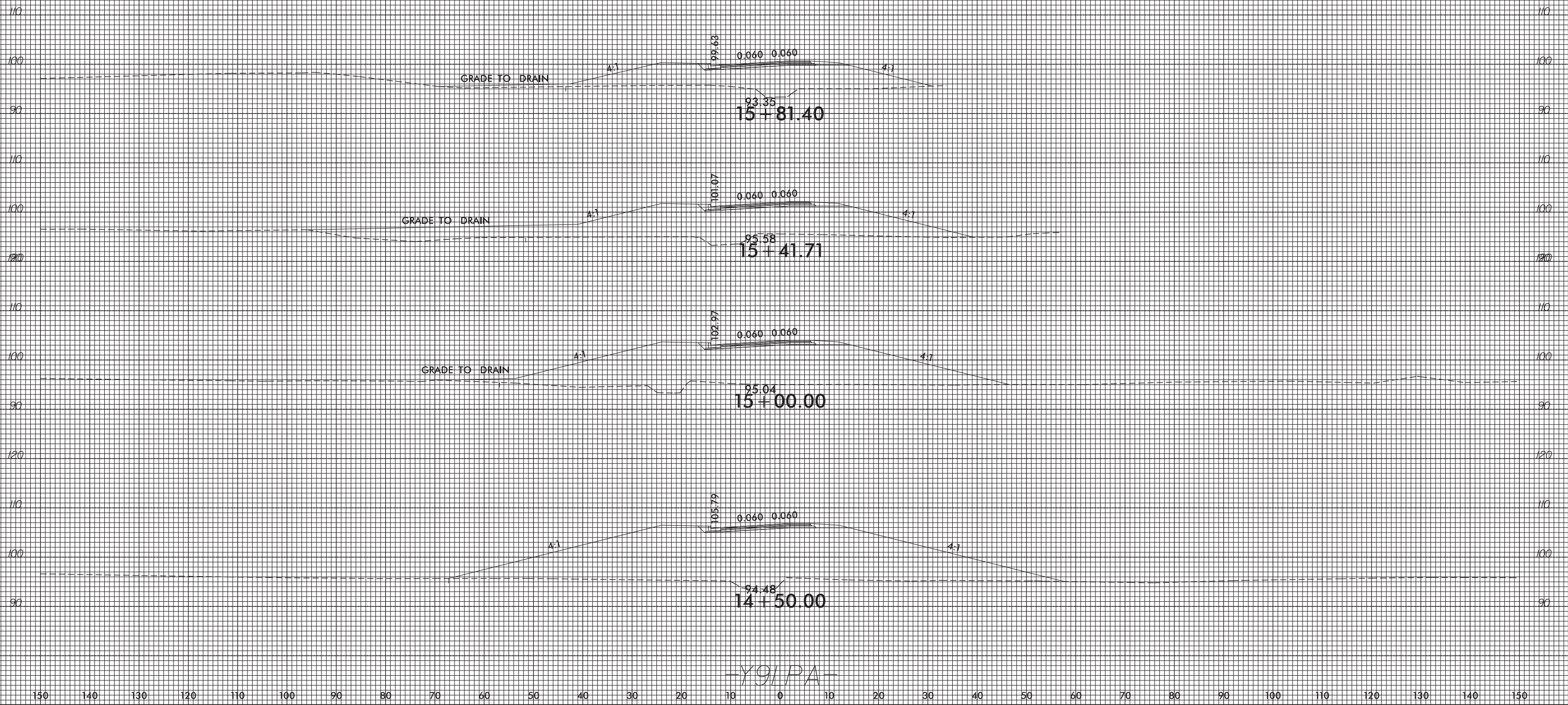
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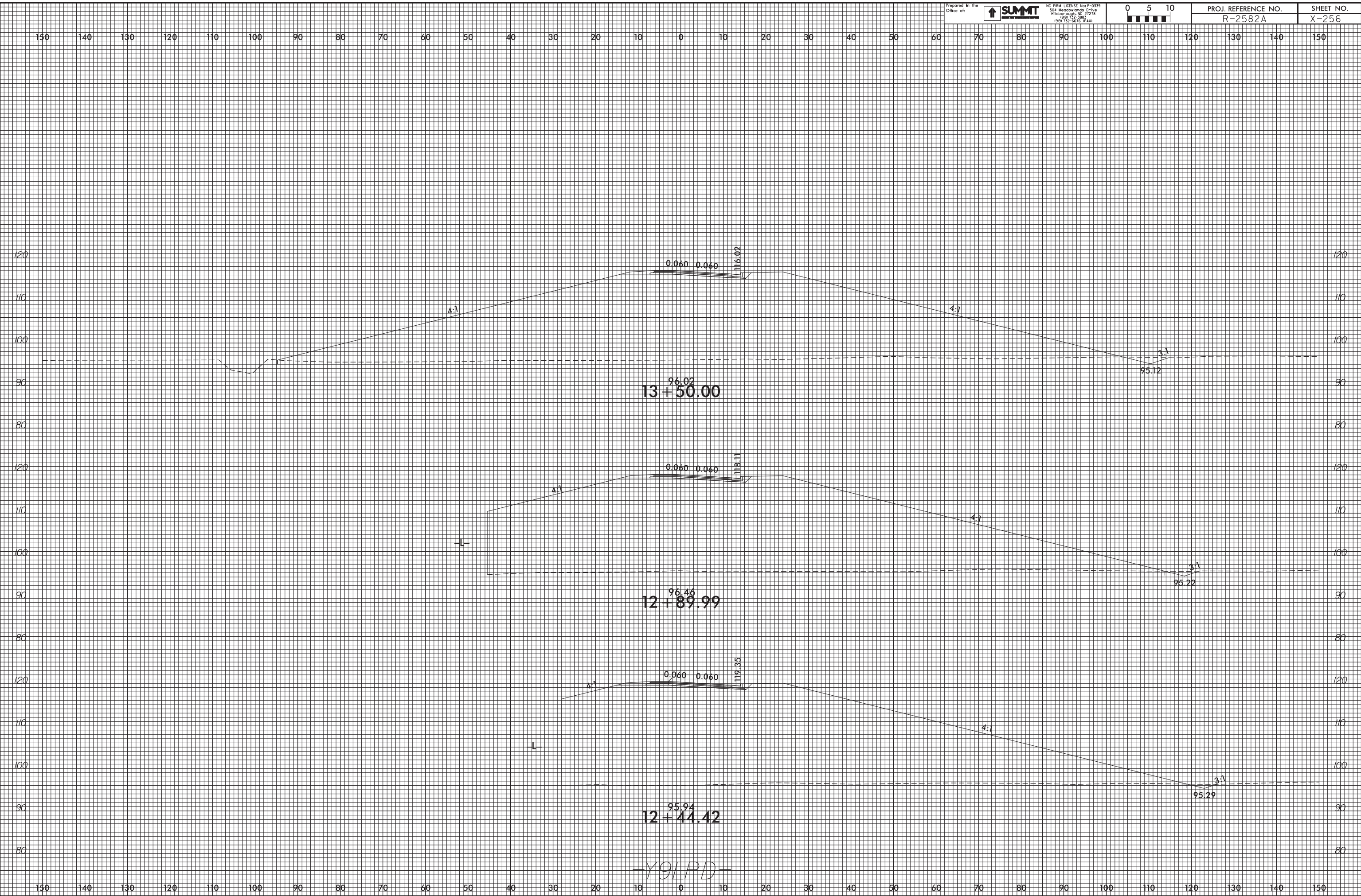
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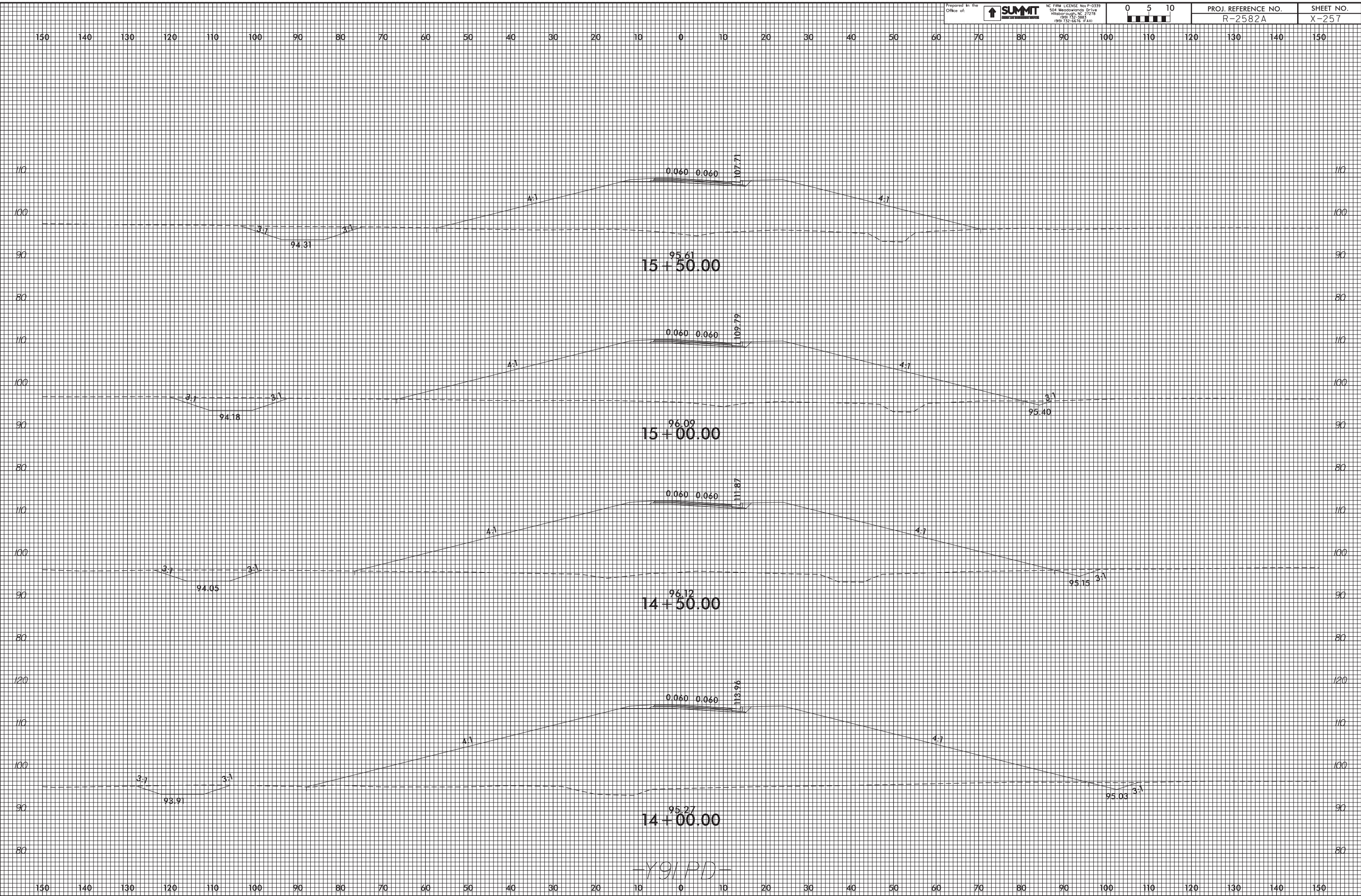


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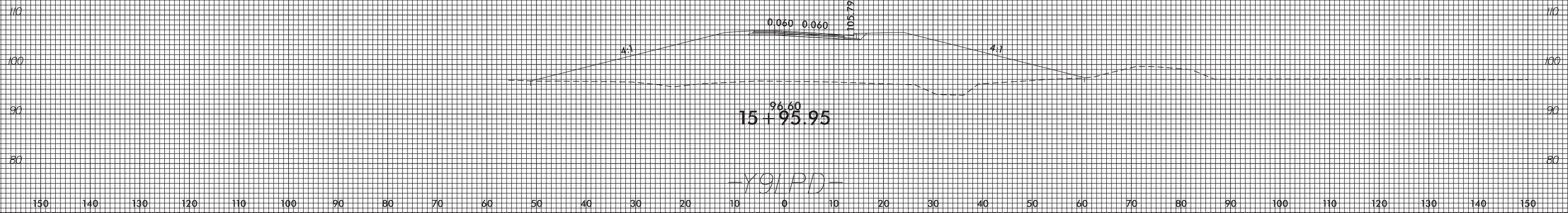
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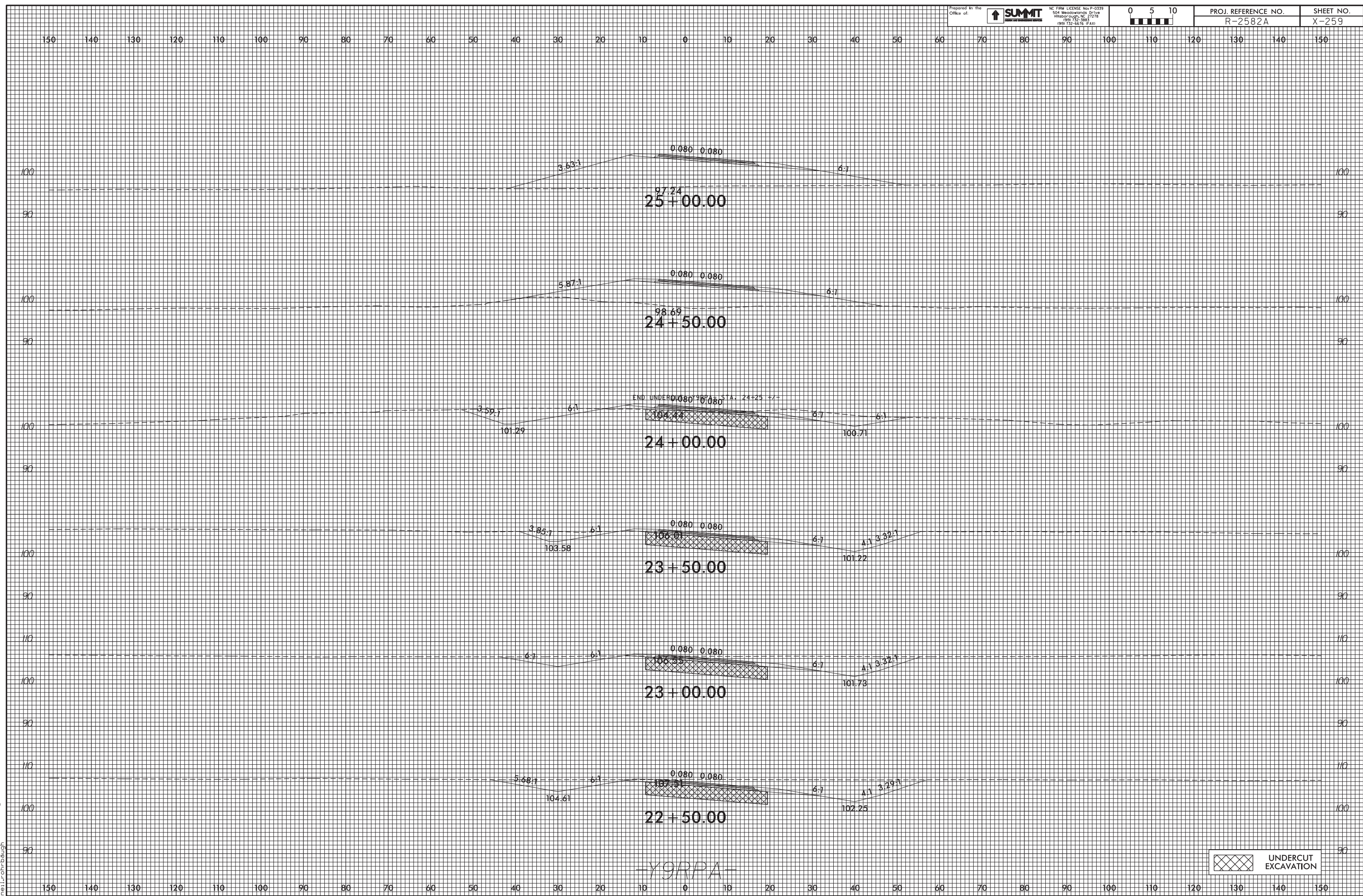
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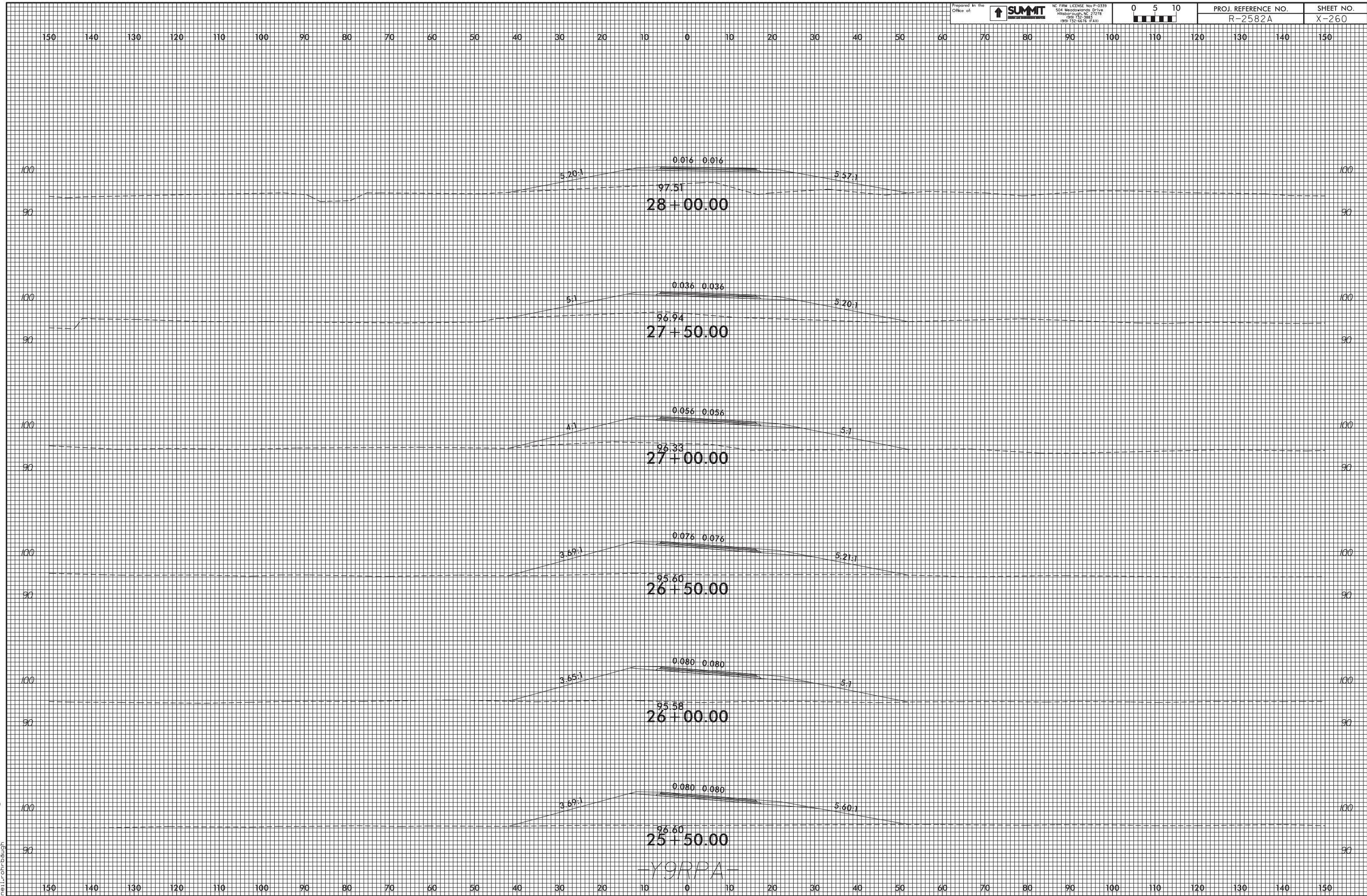
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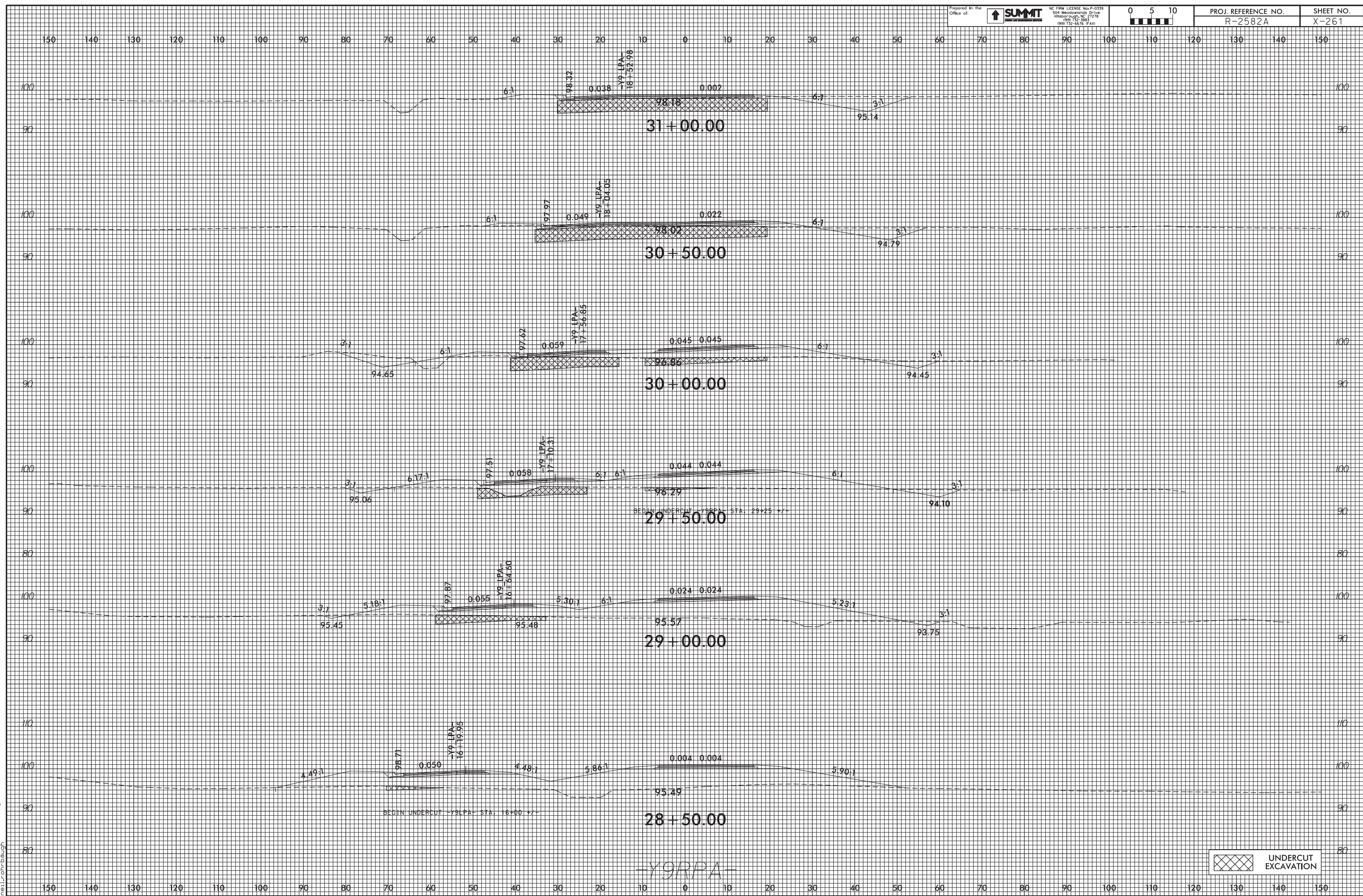
UNDERCUT EXCAVATION

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-Y9RPA-



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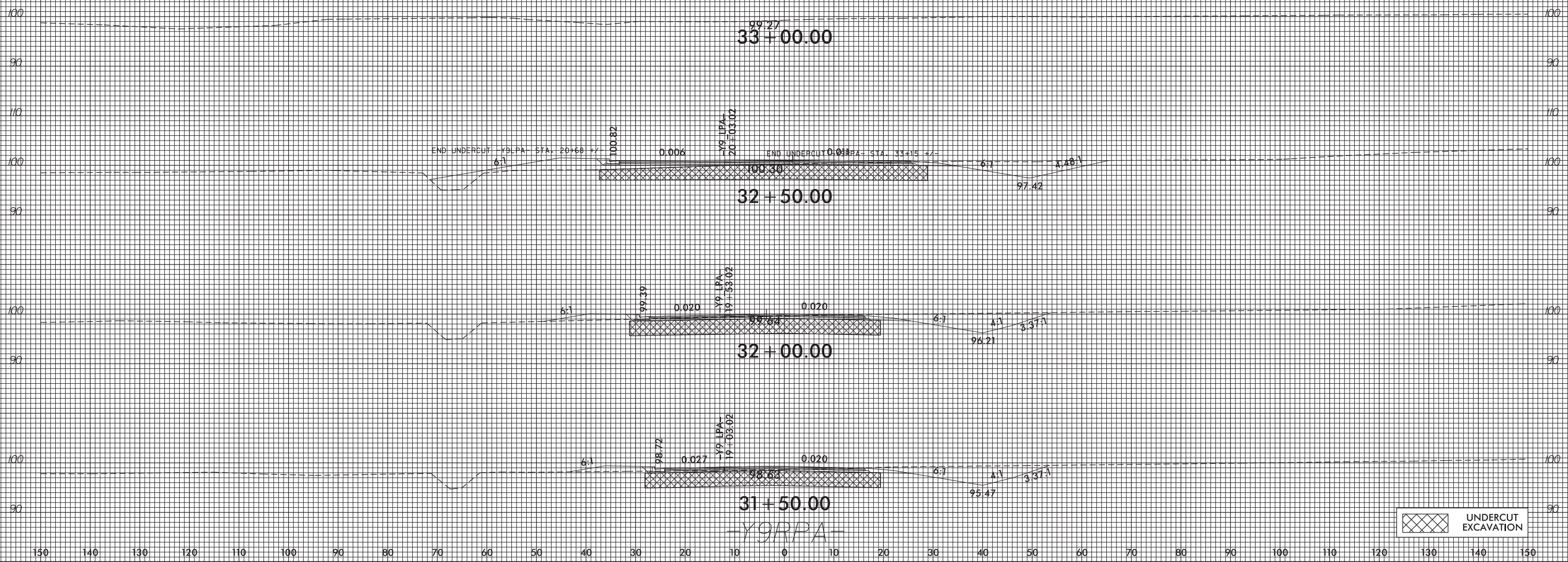


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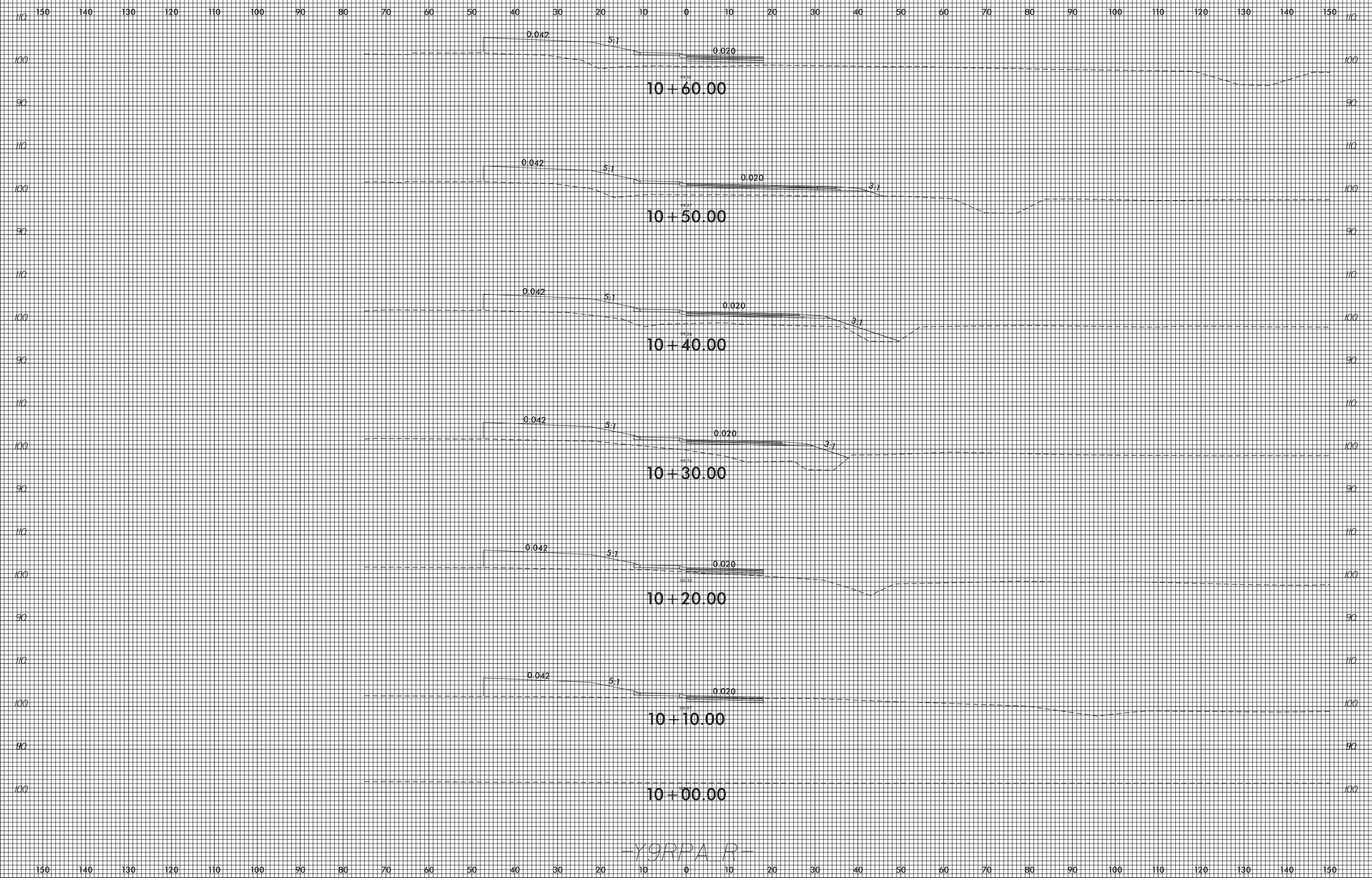


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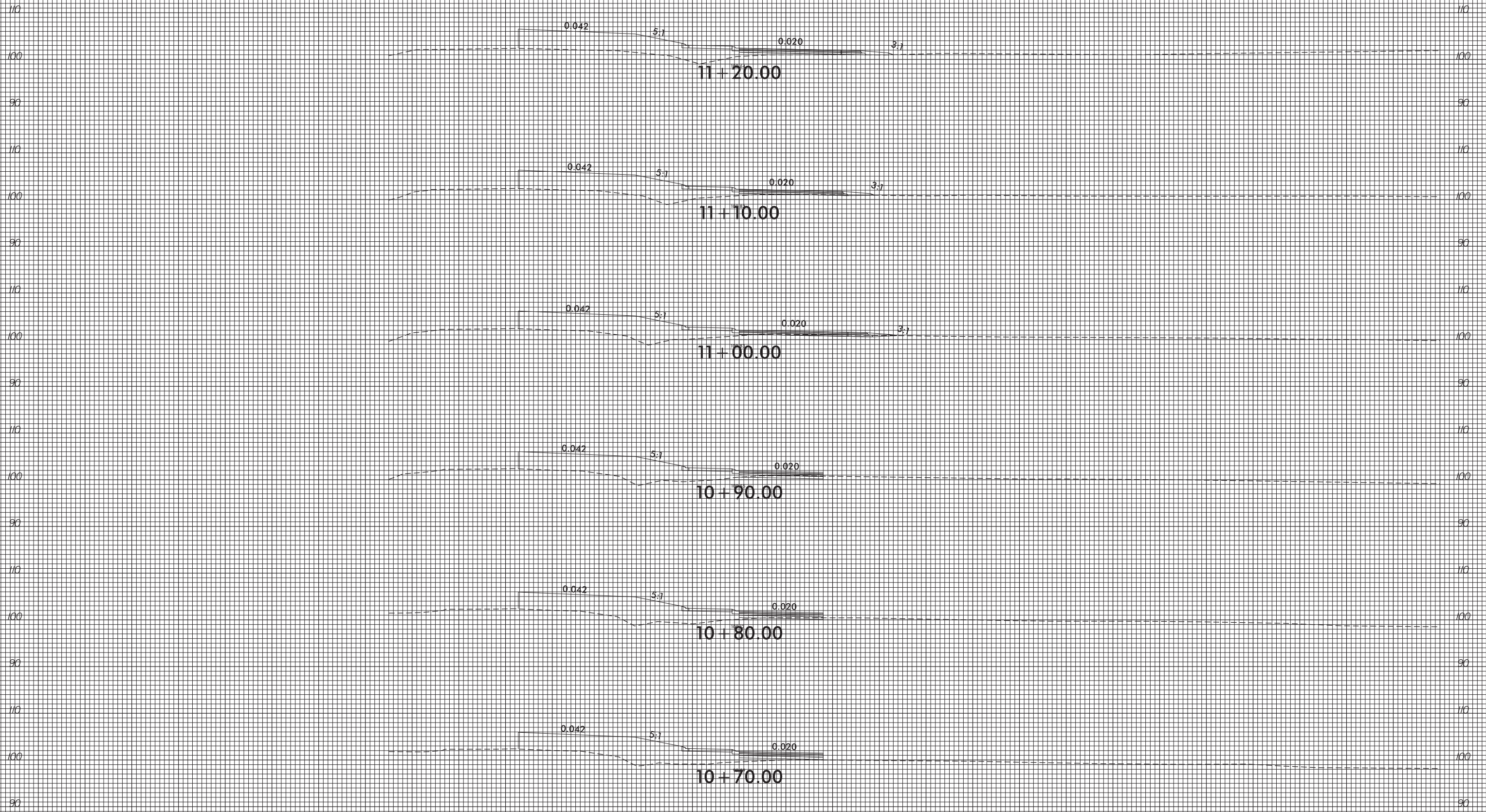
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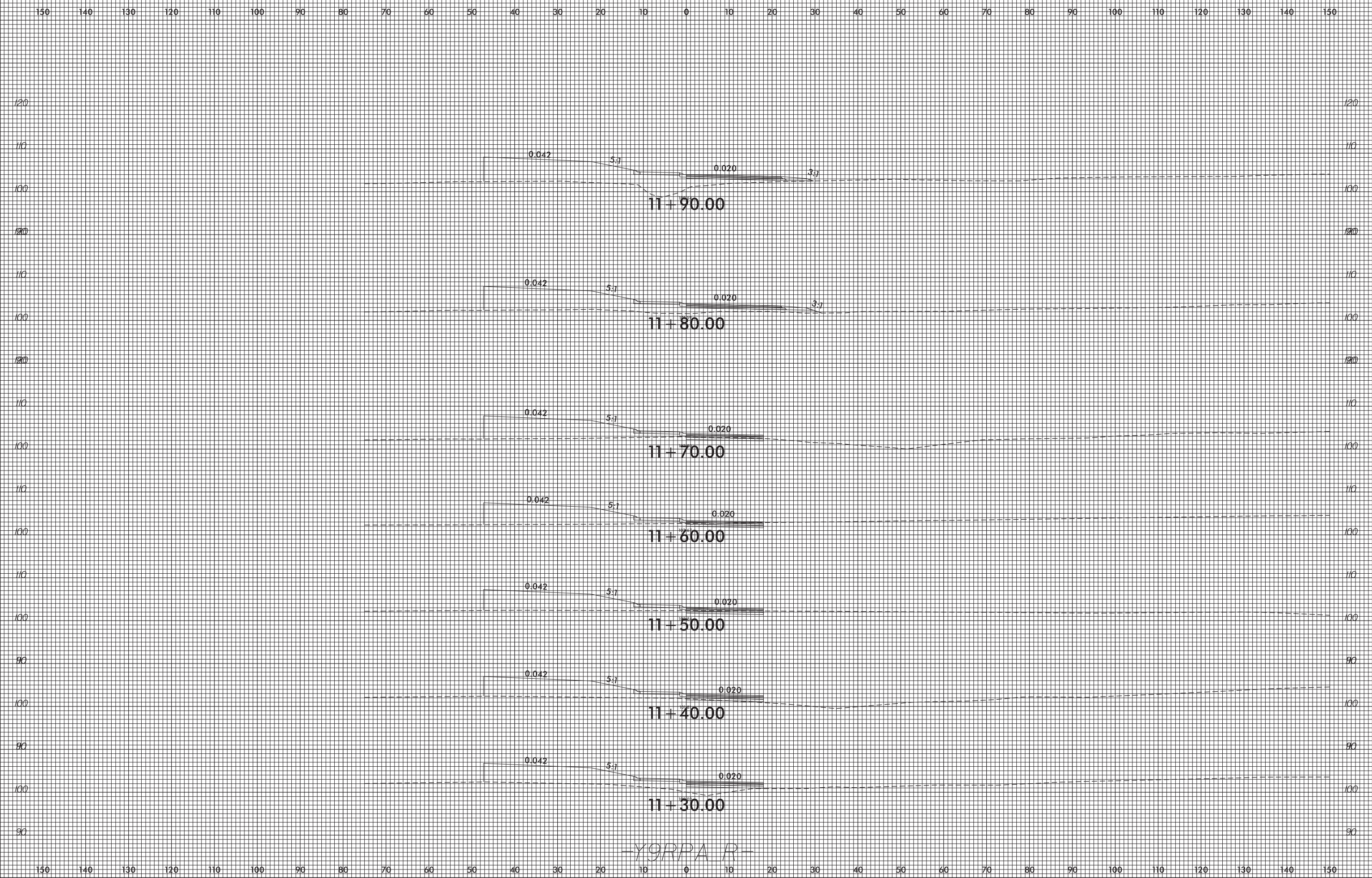
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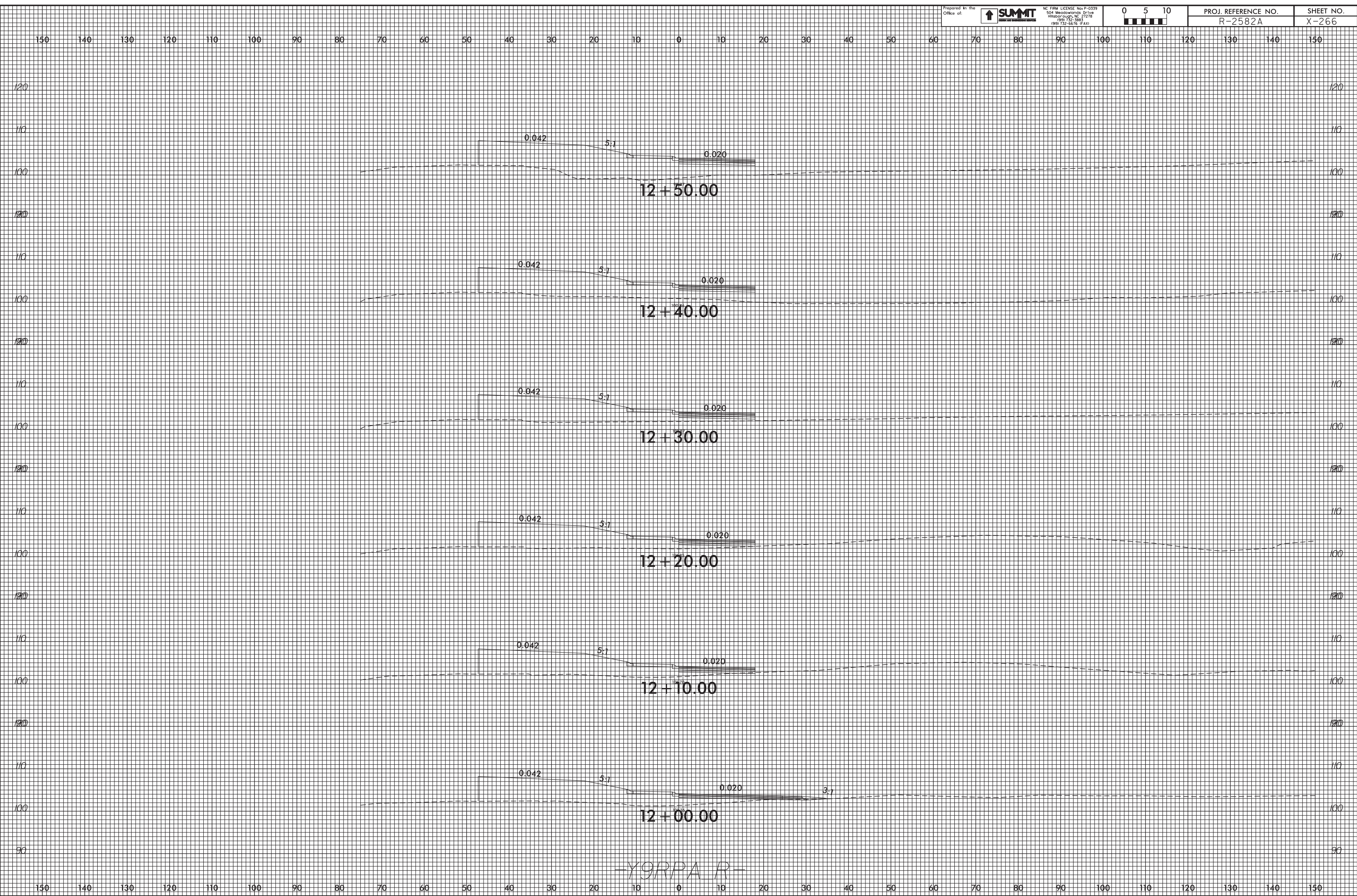
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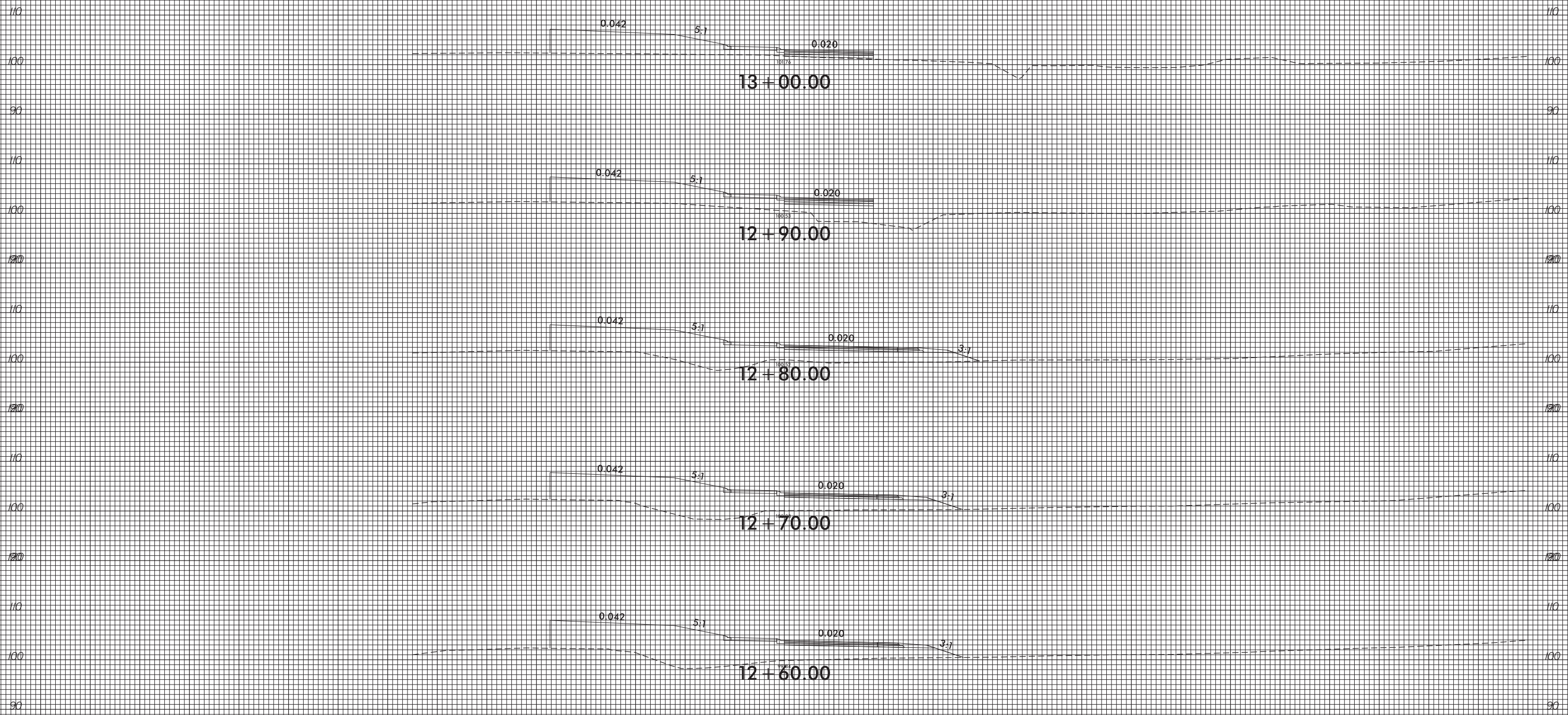
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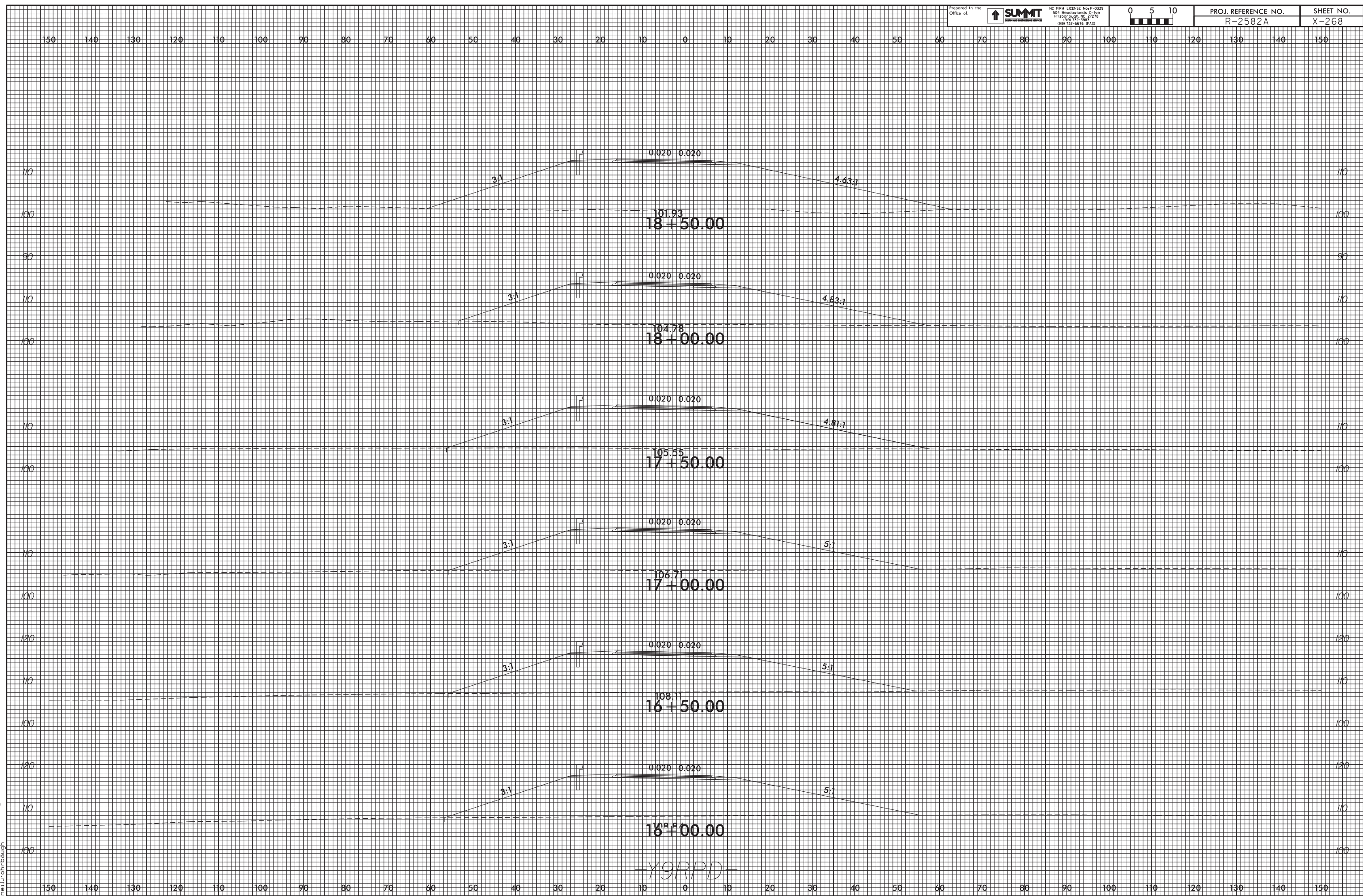
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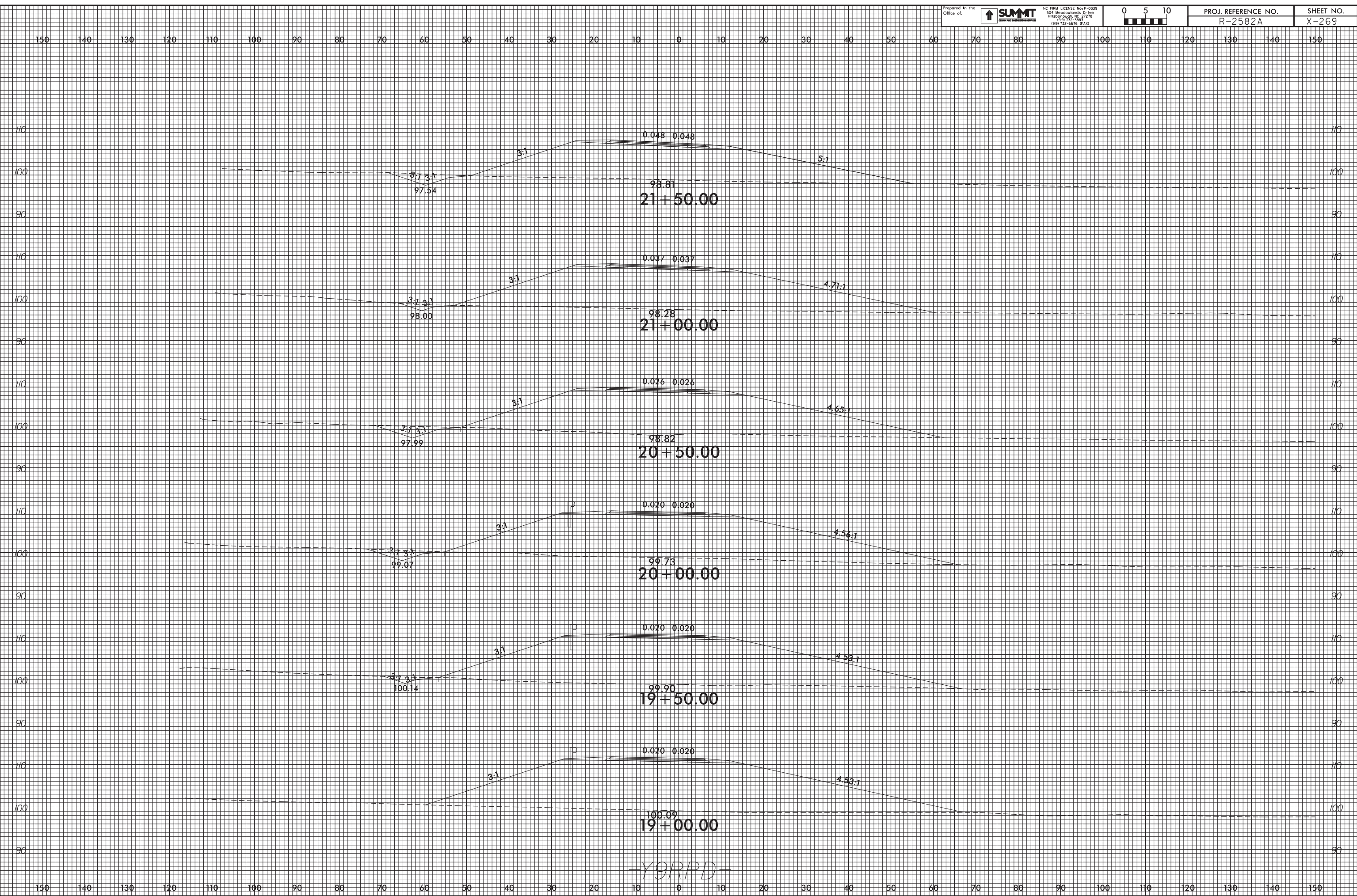
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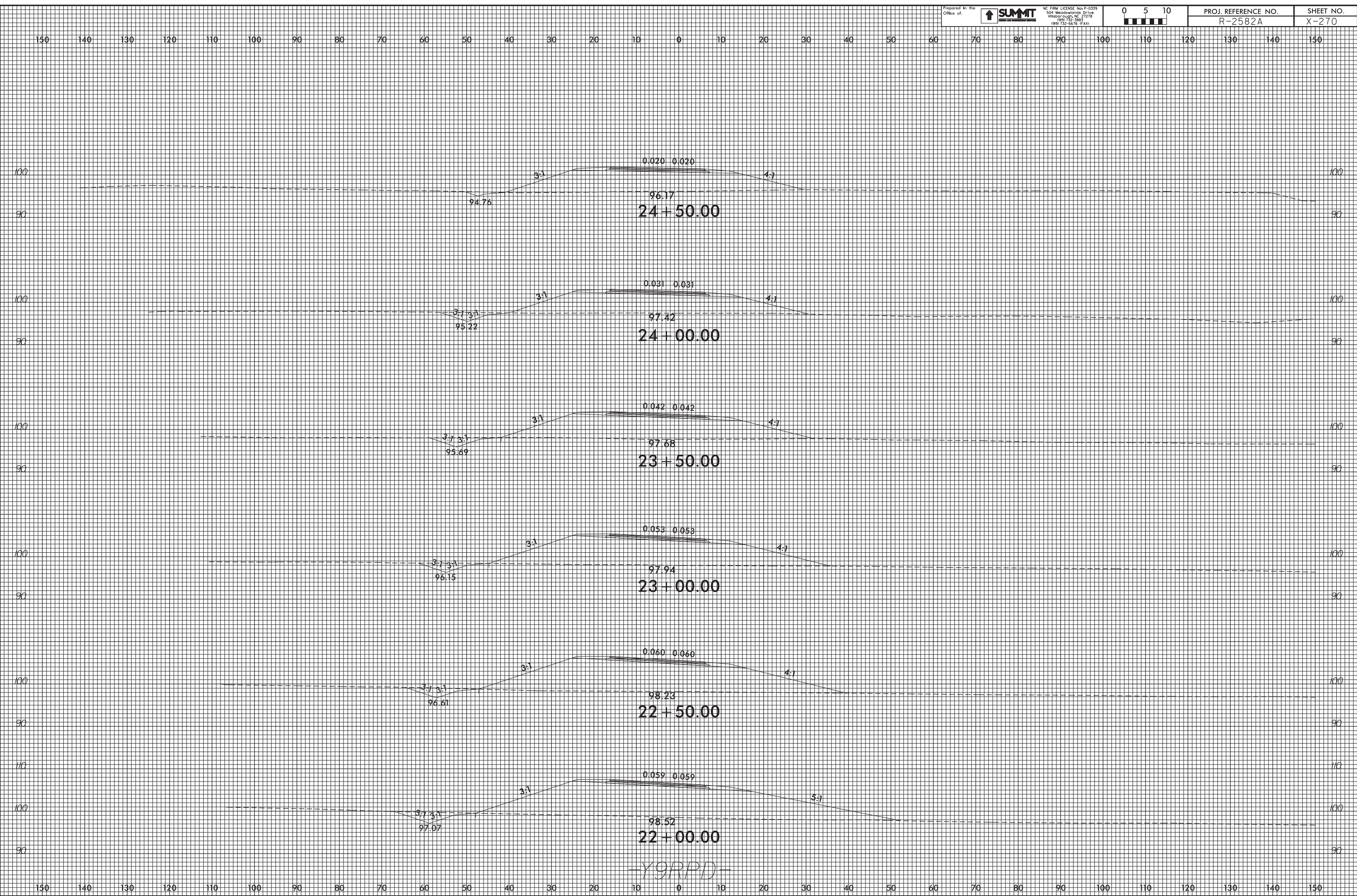
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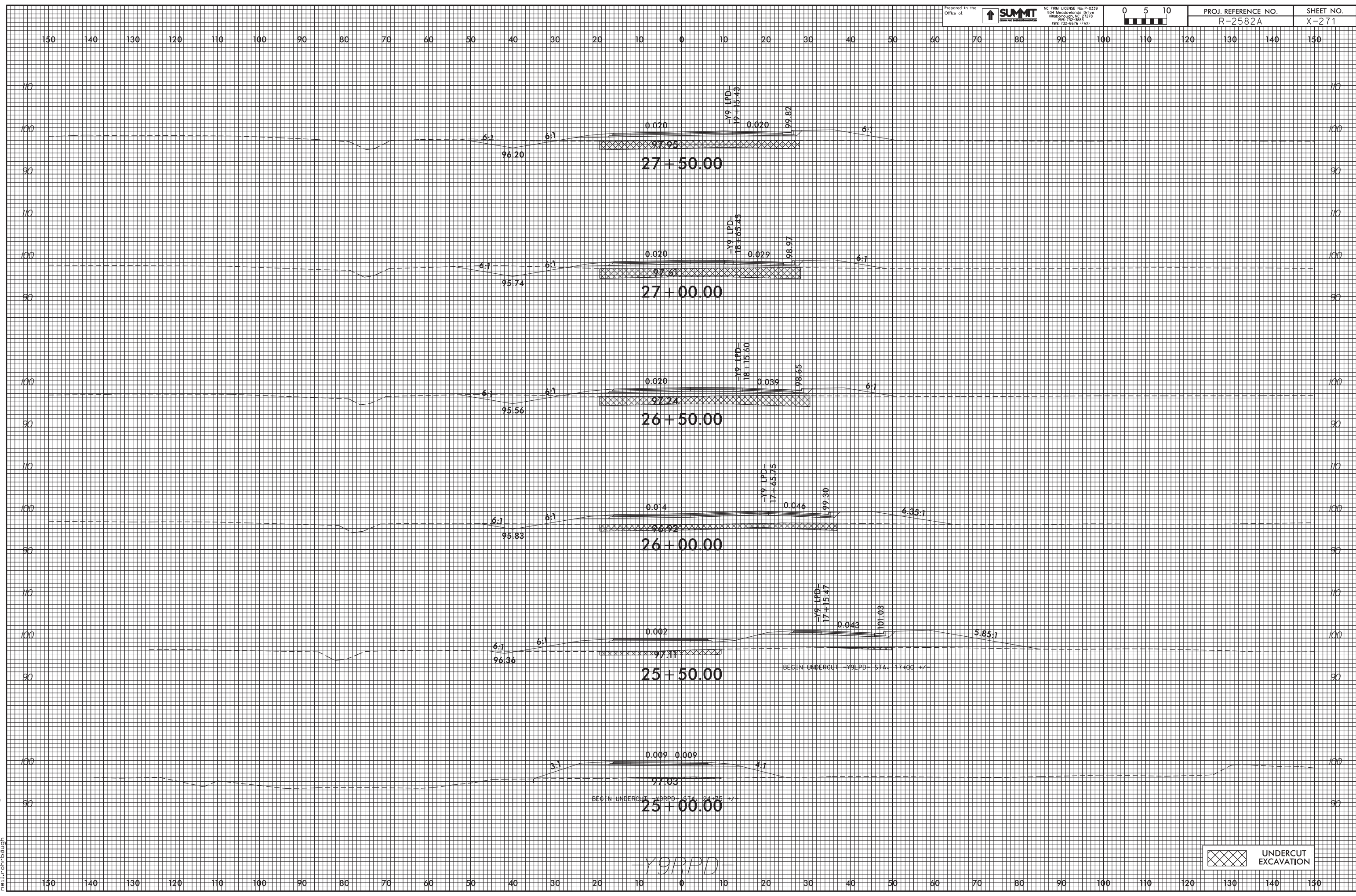


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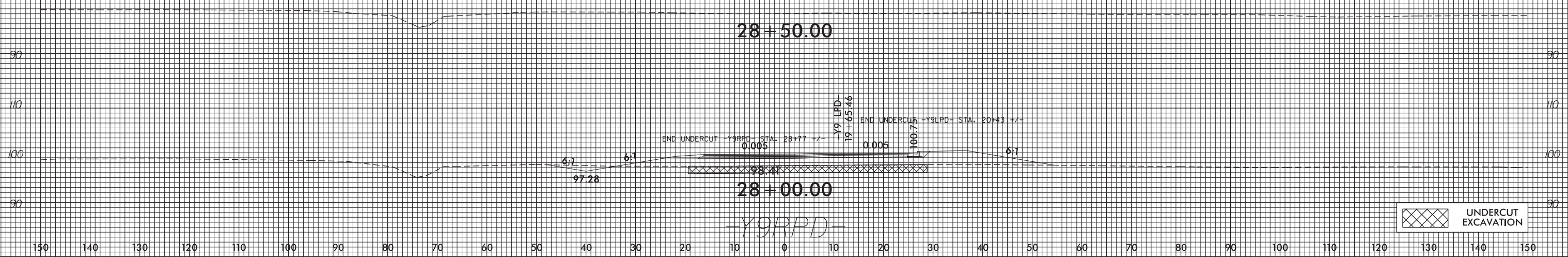
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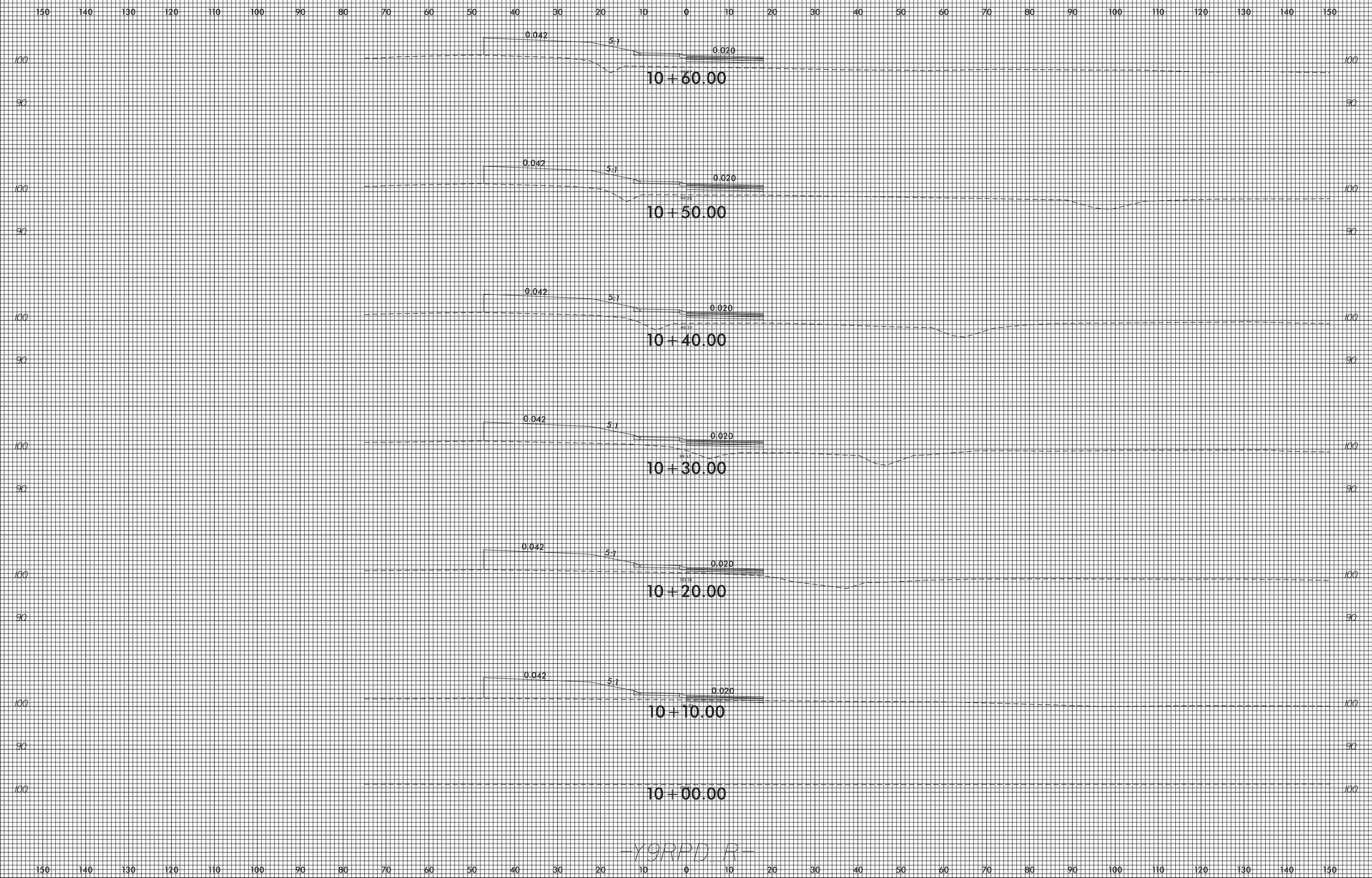
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UNDERCUT EXCAVATION

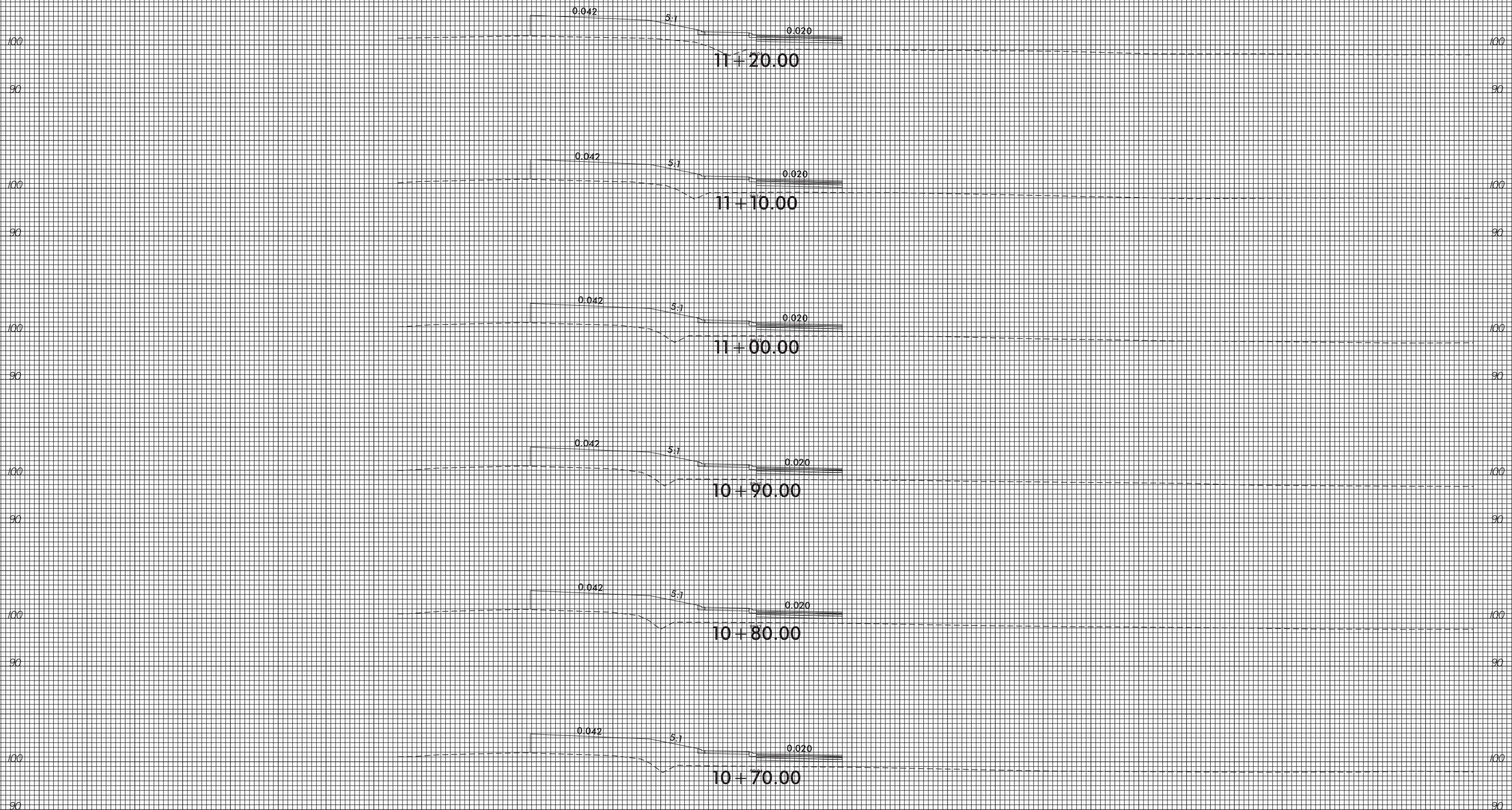
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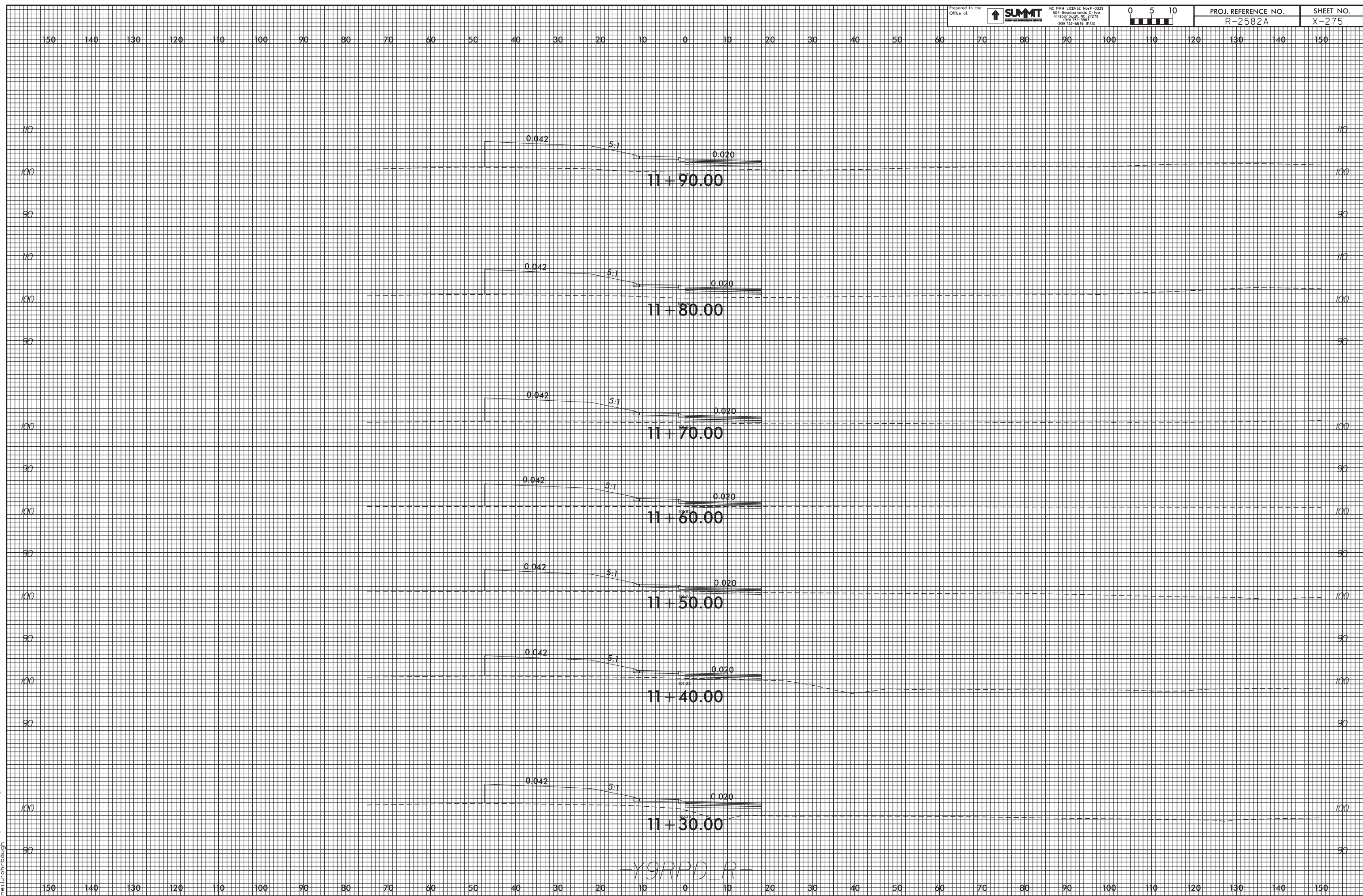
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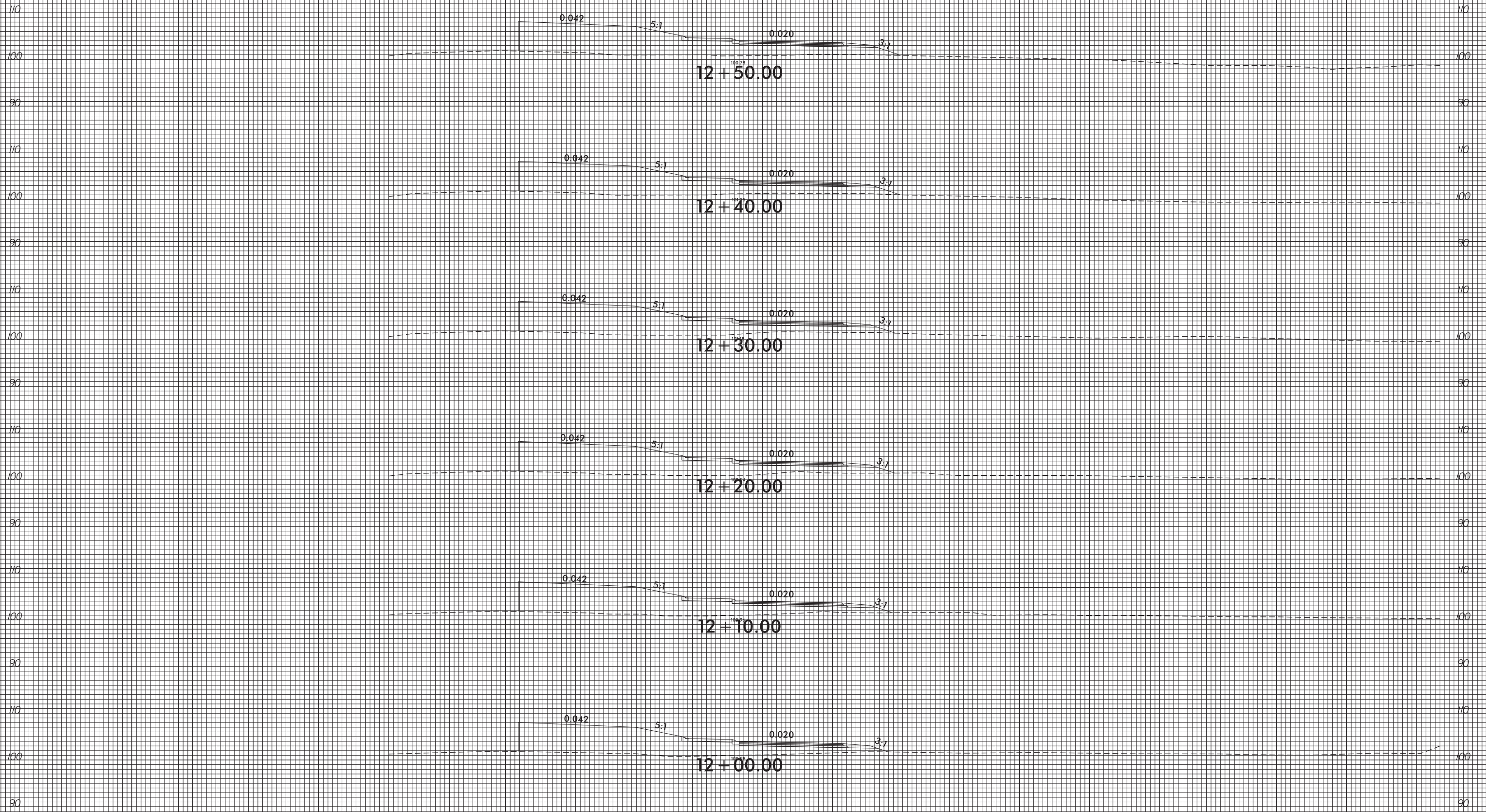
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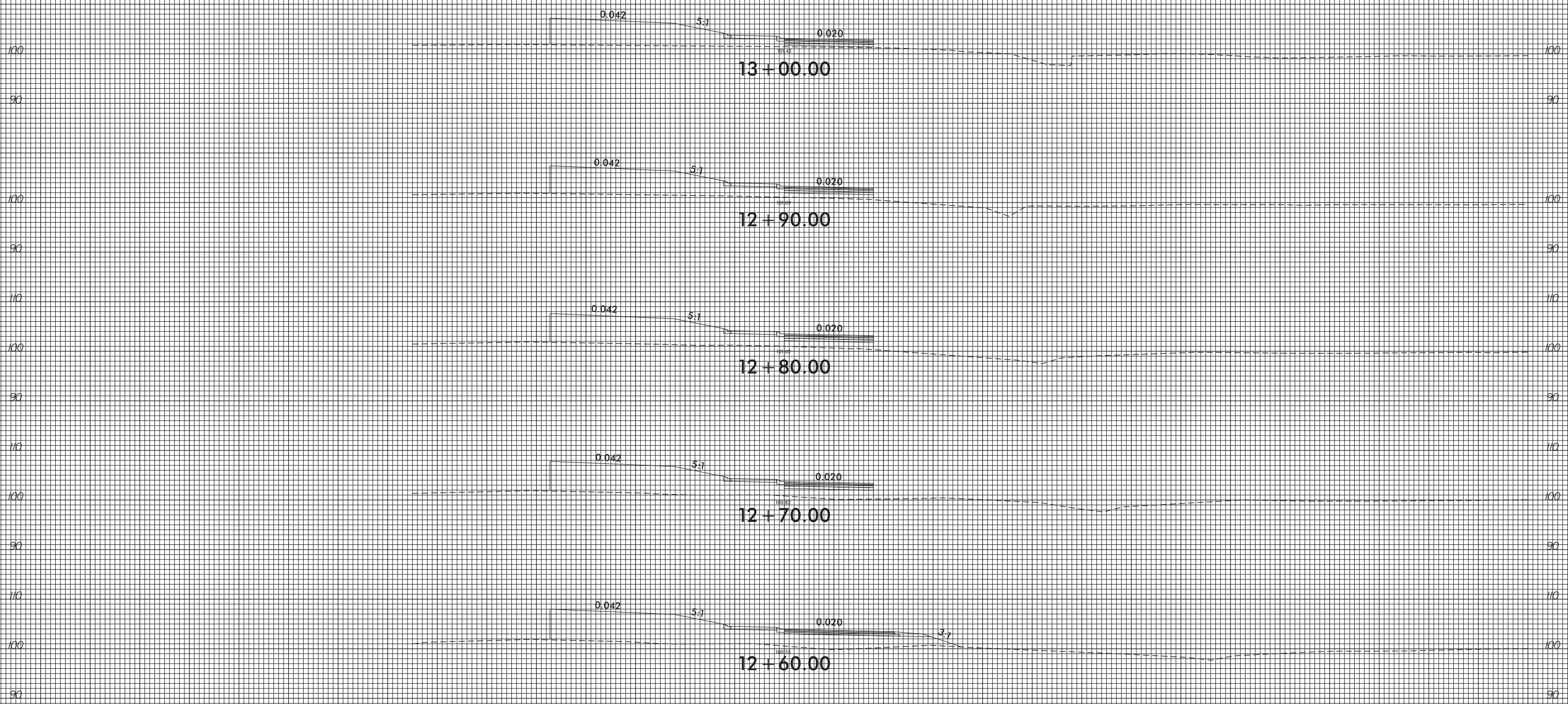


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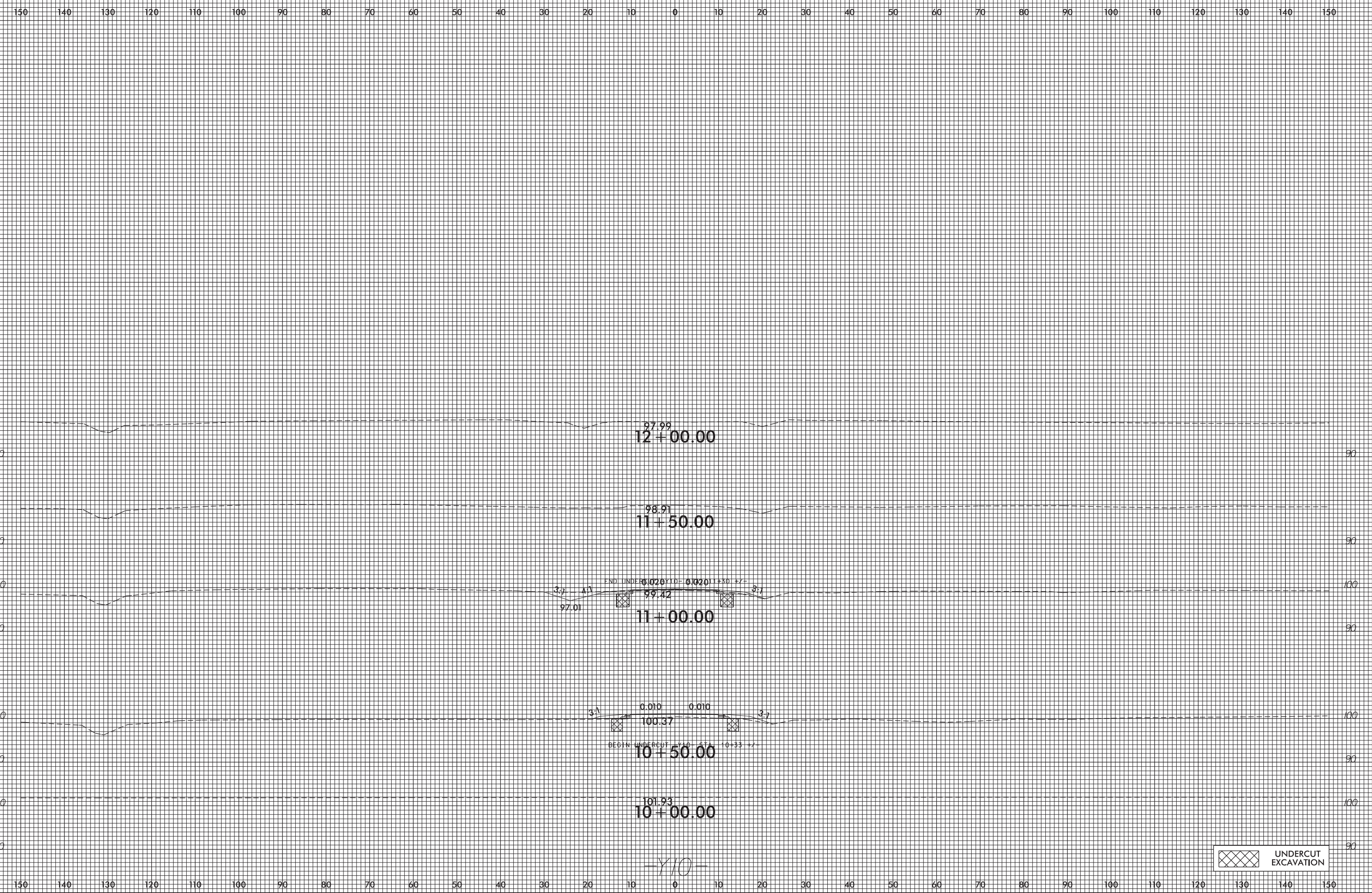


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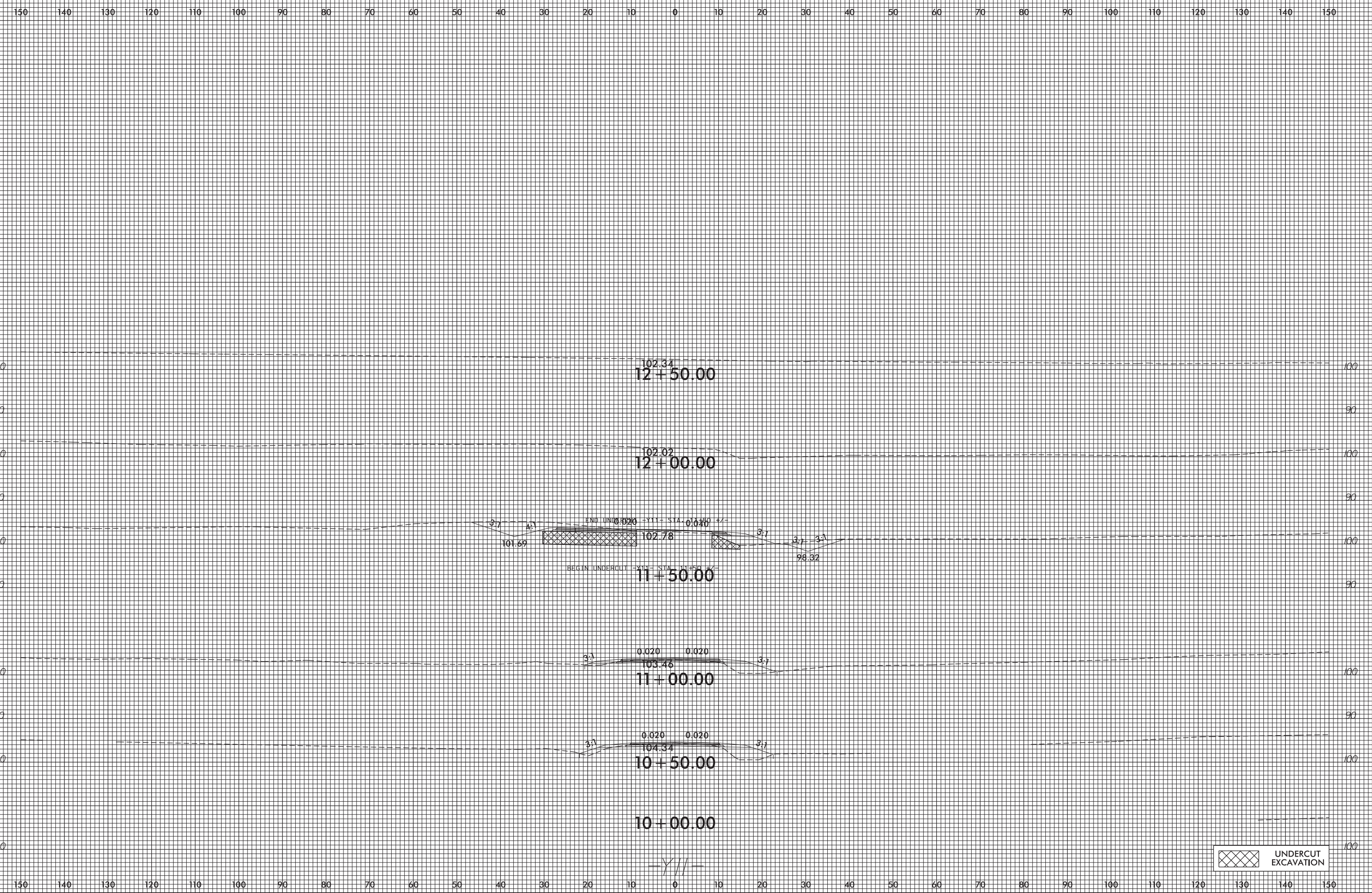
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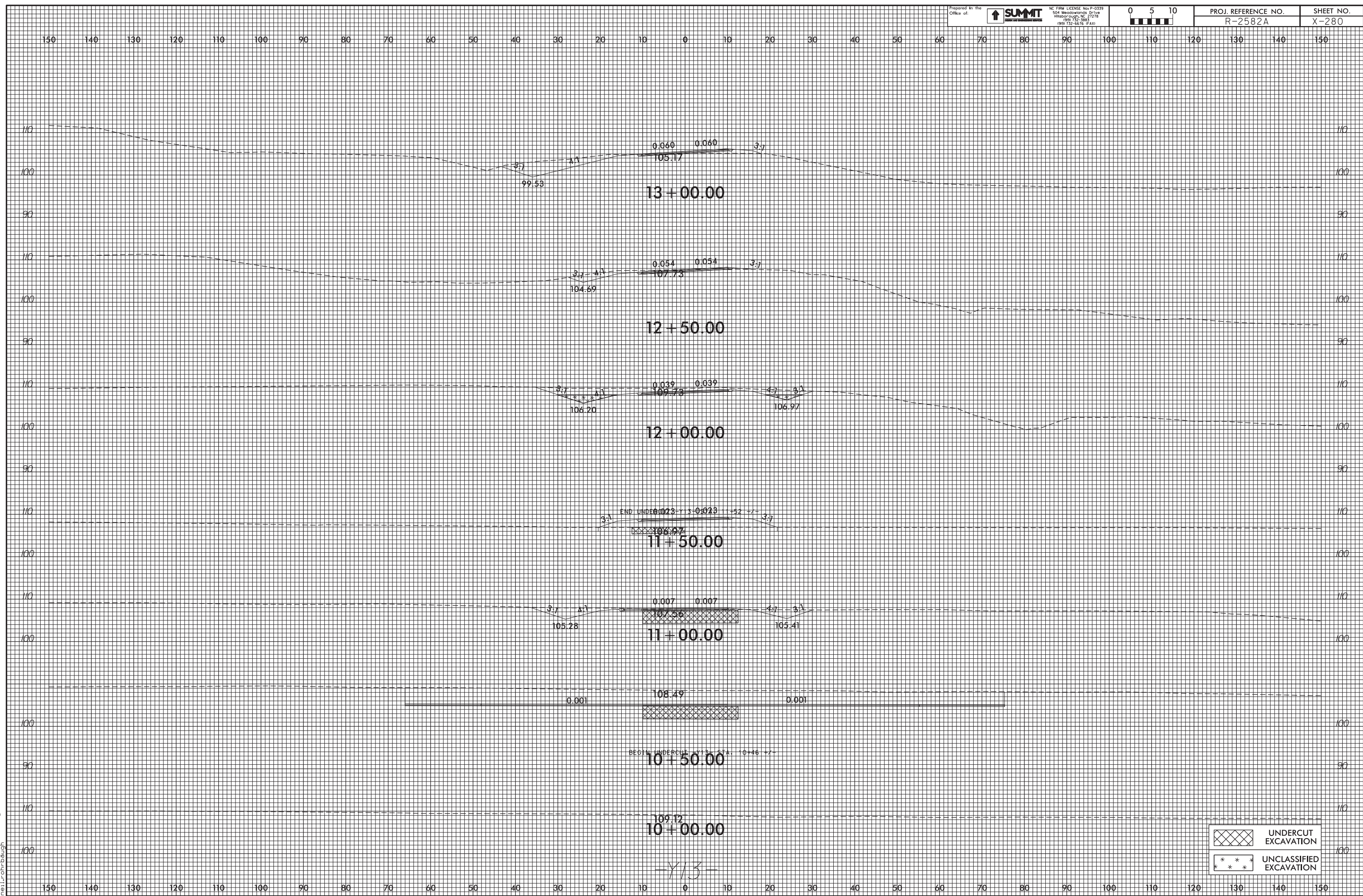
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UNDERCUT EXCAVATION



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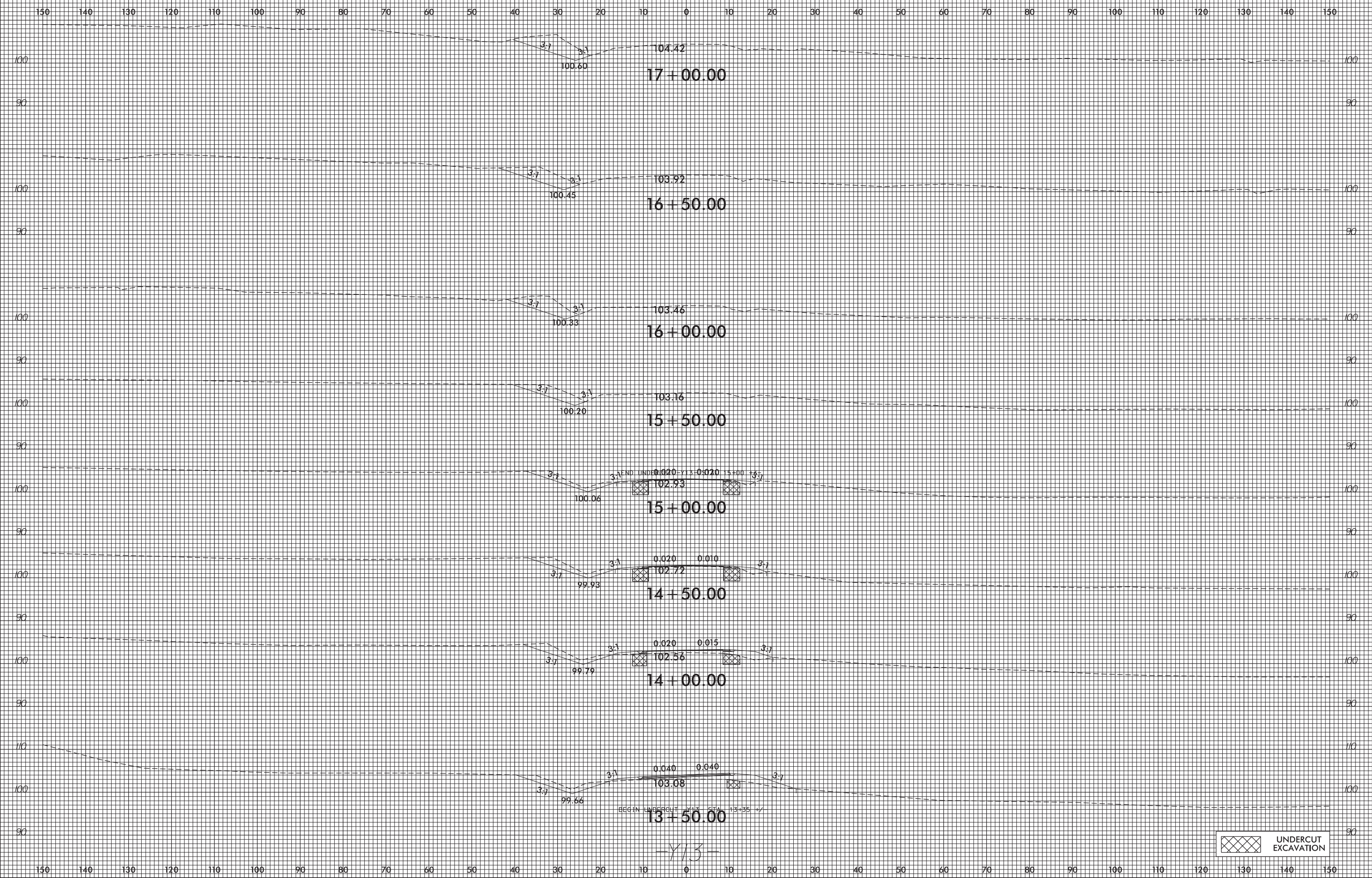
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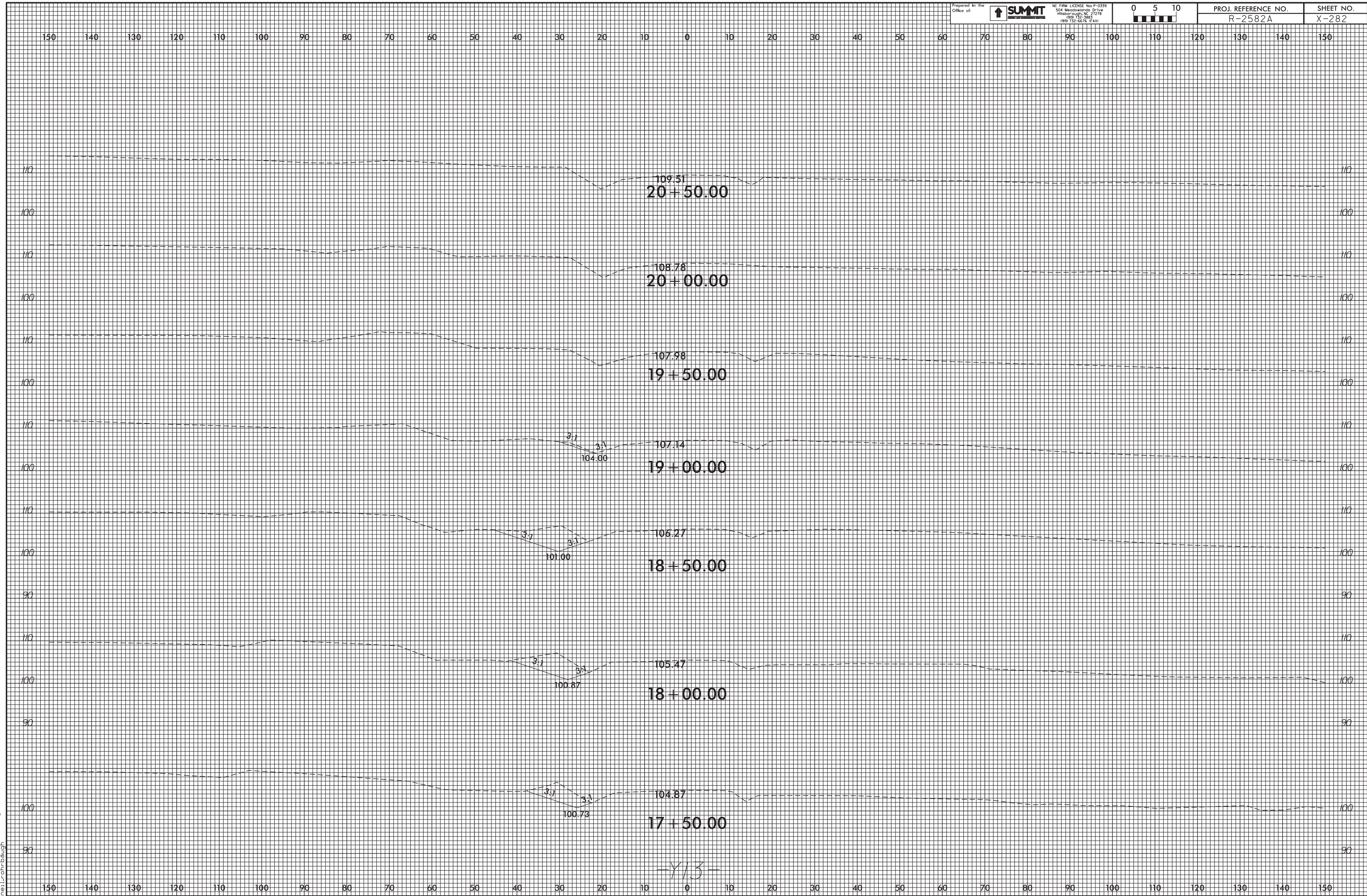
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-Y13-



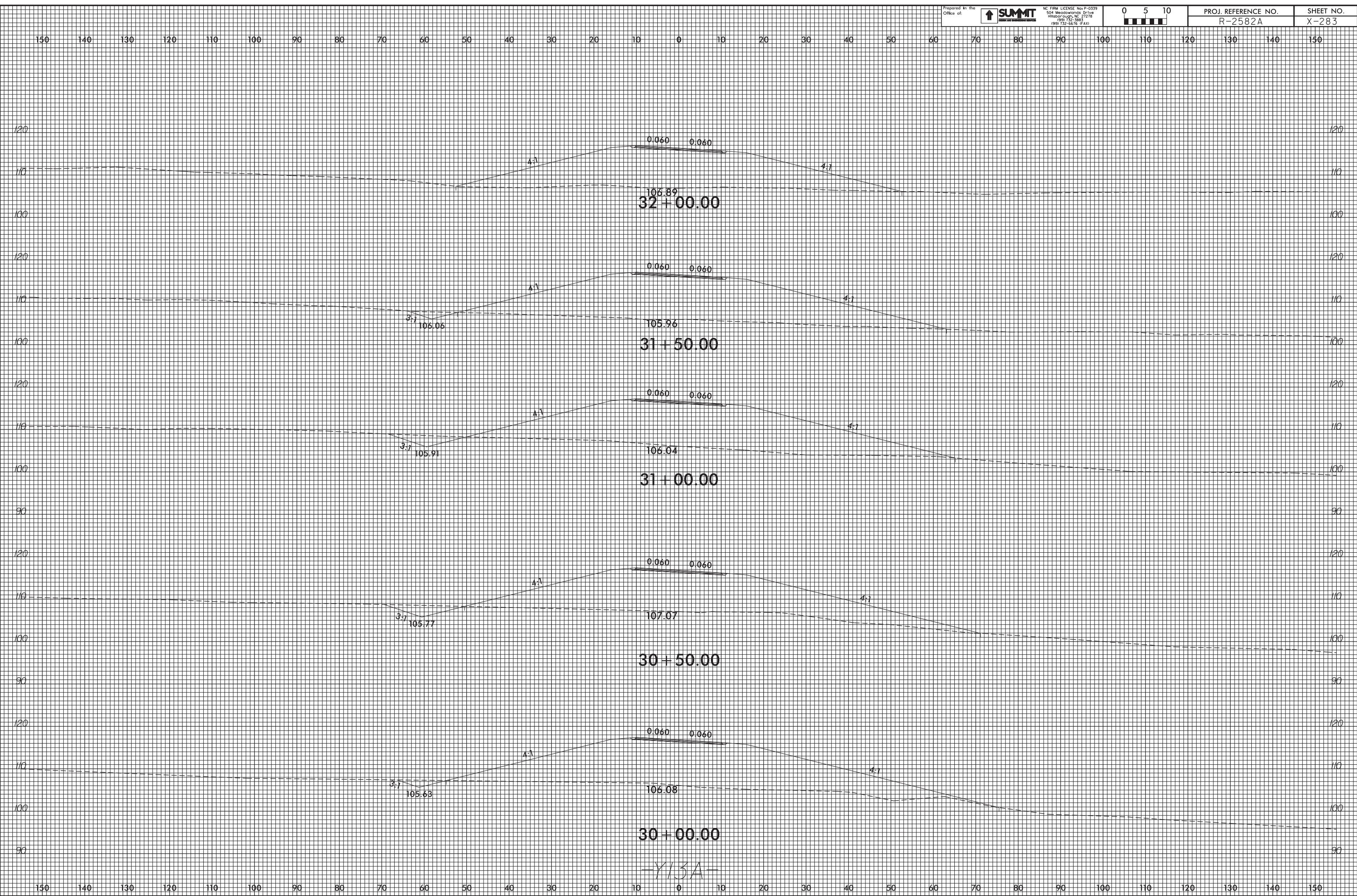
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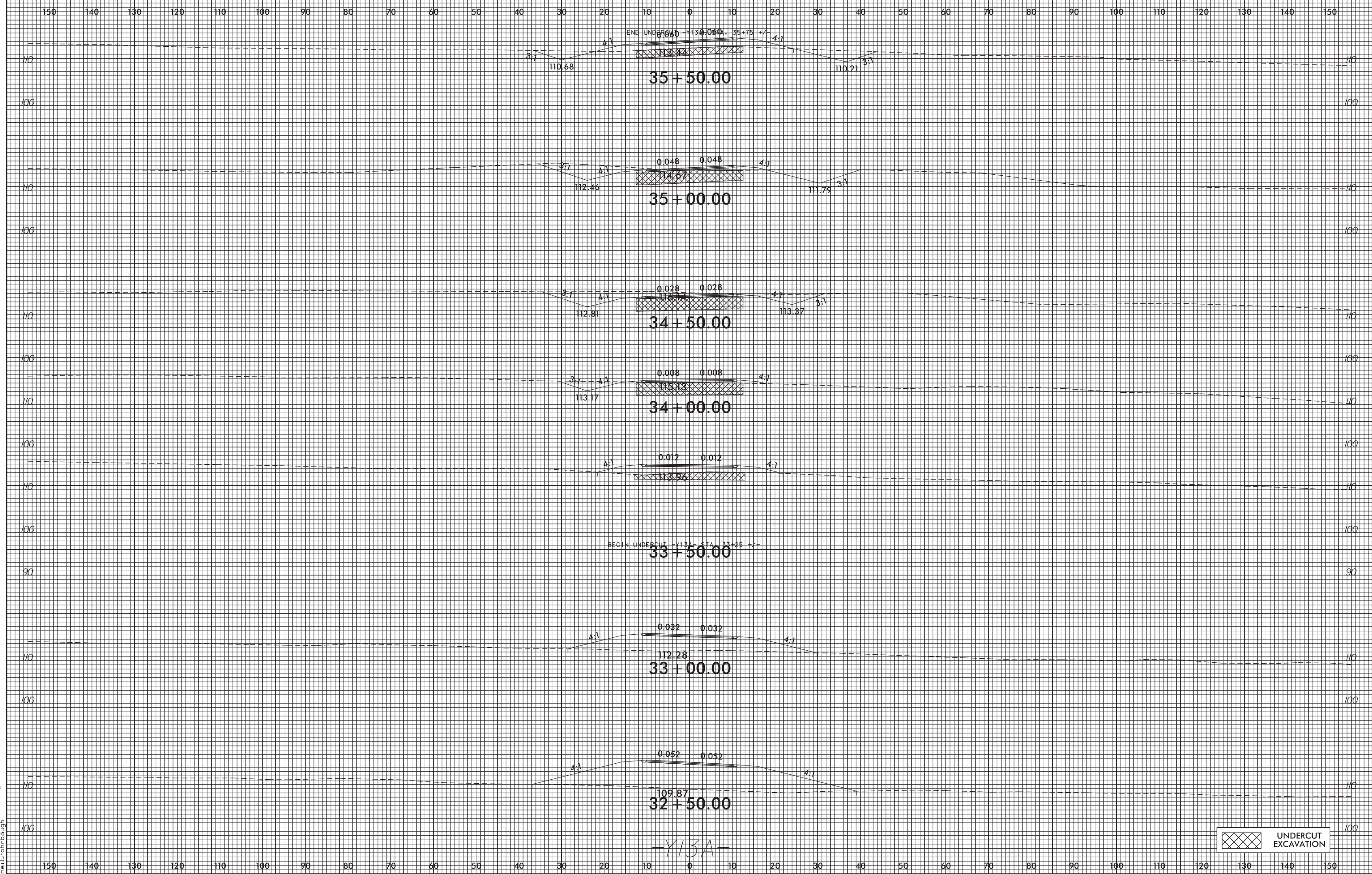
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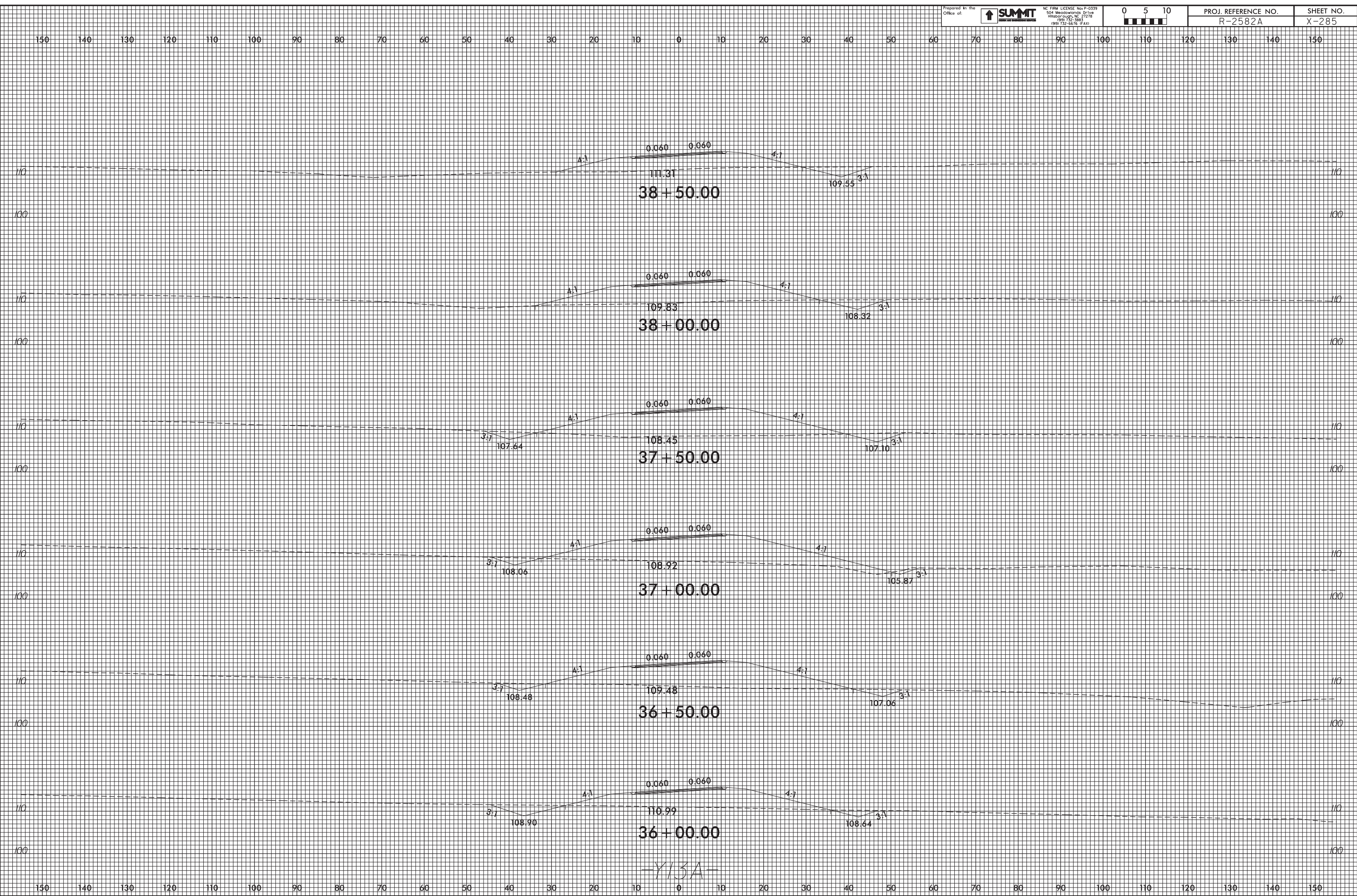


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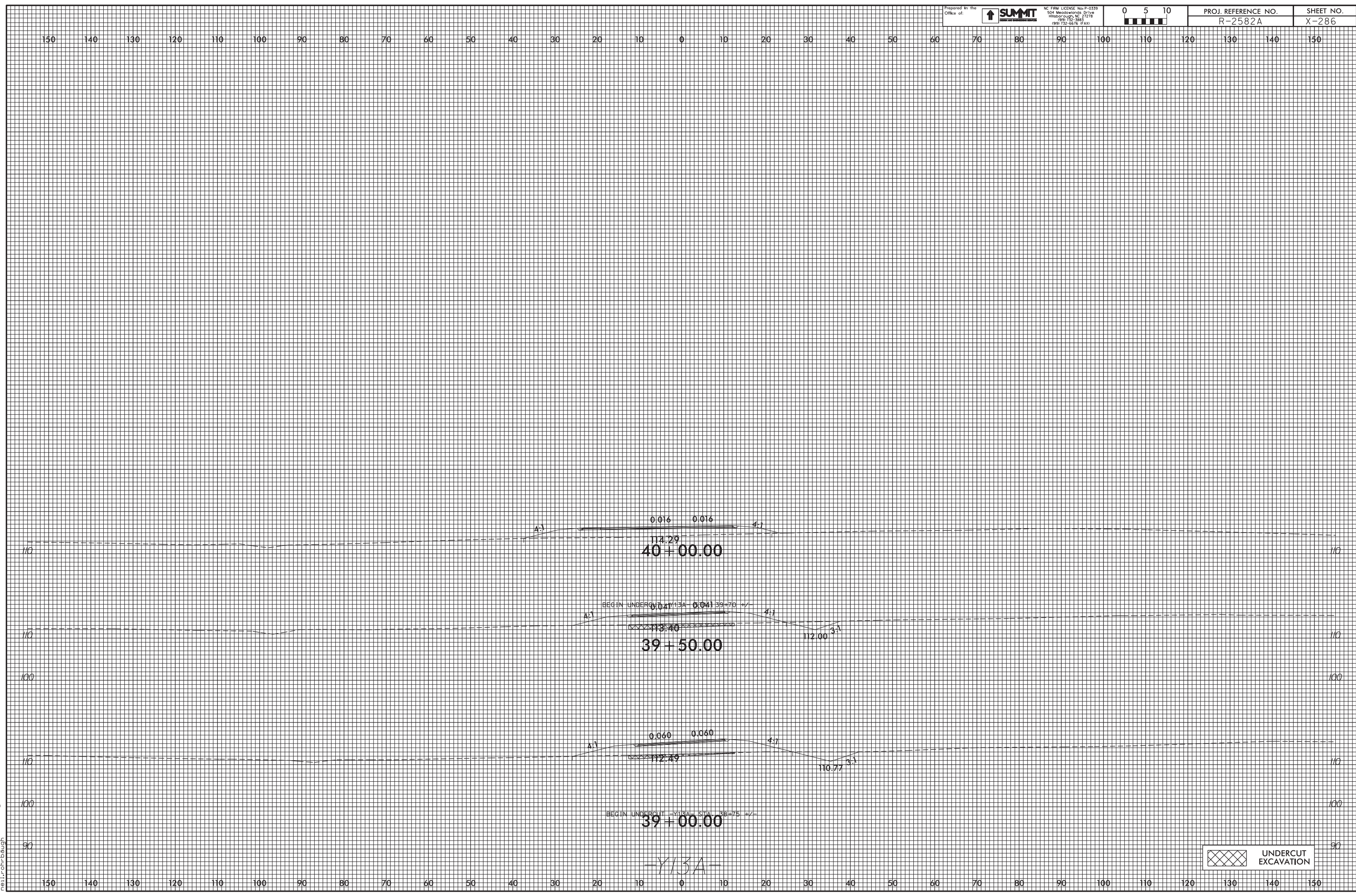
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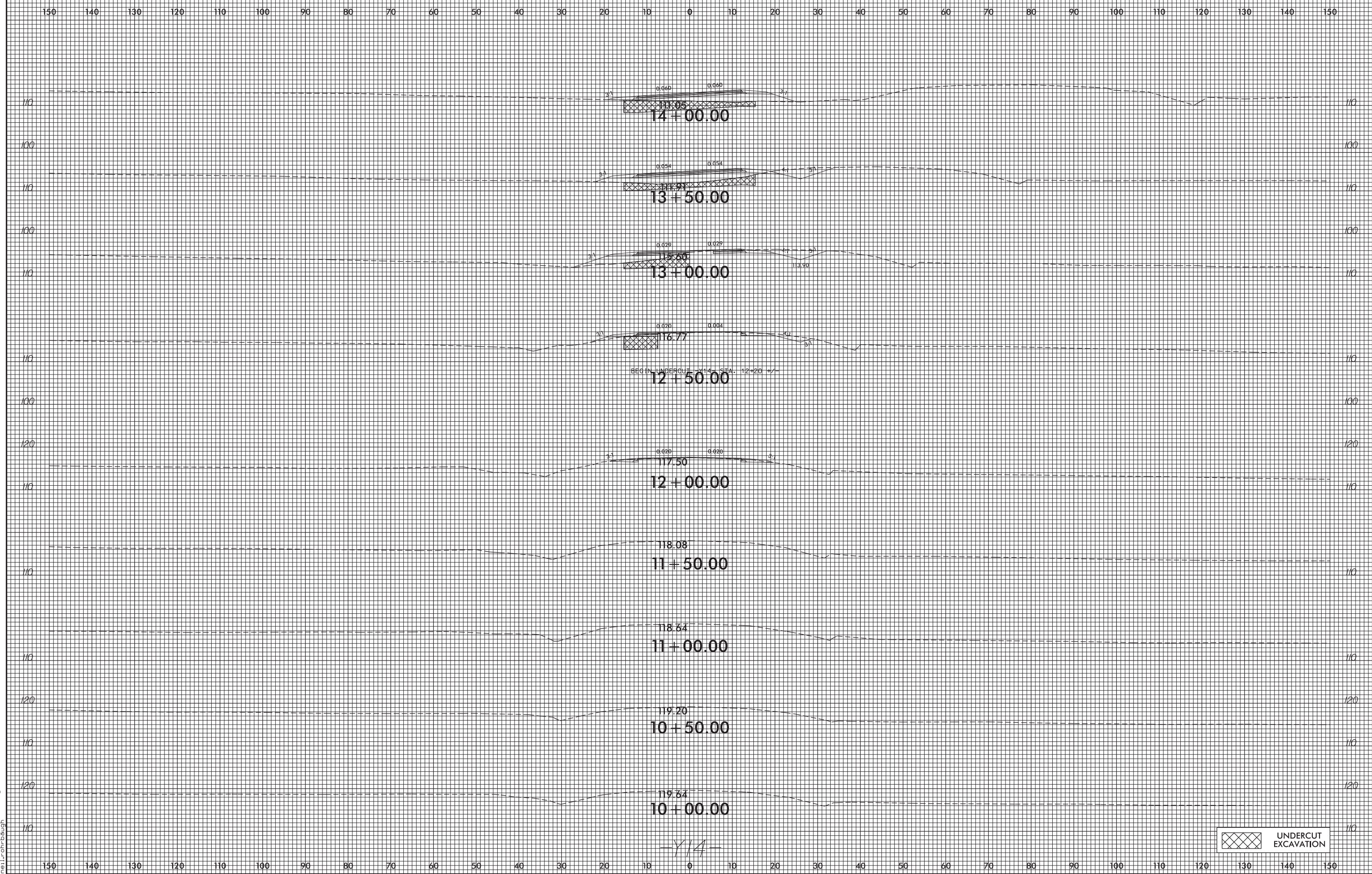
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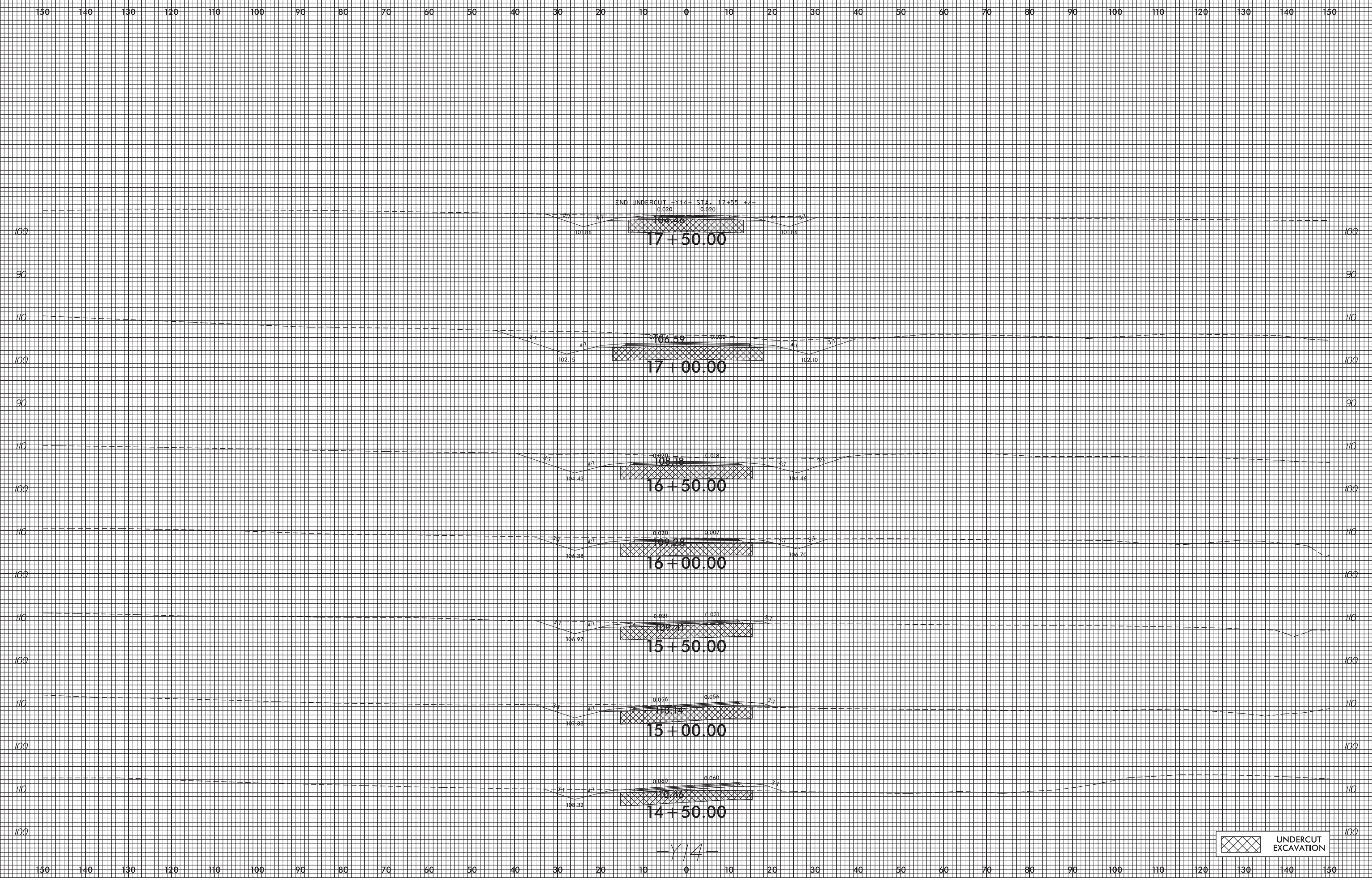
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UNDERCUT EXCAVATION



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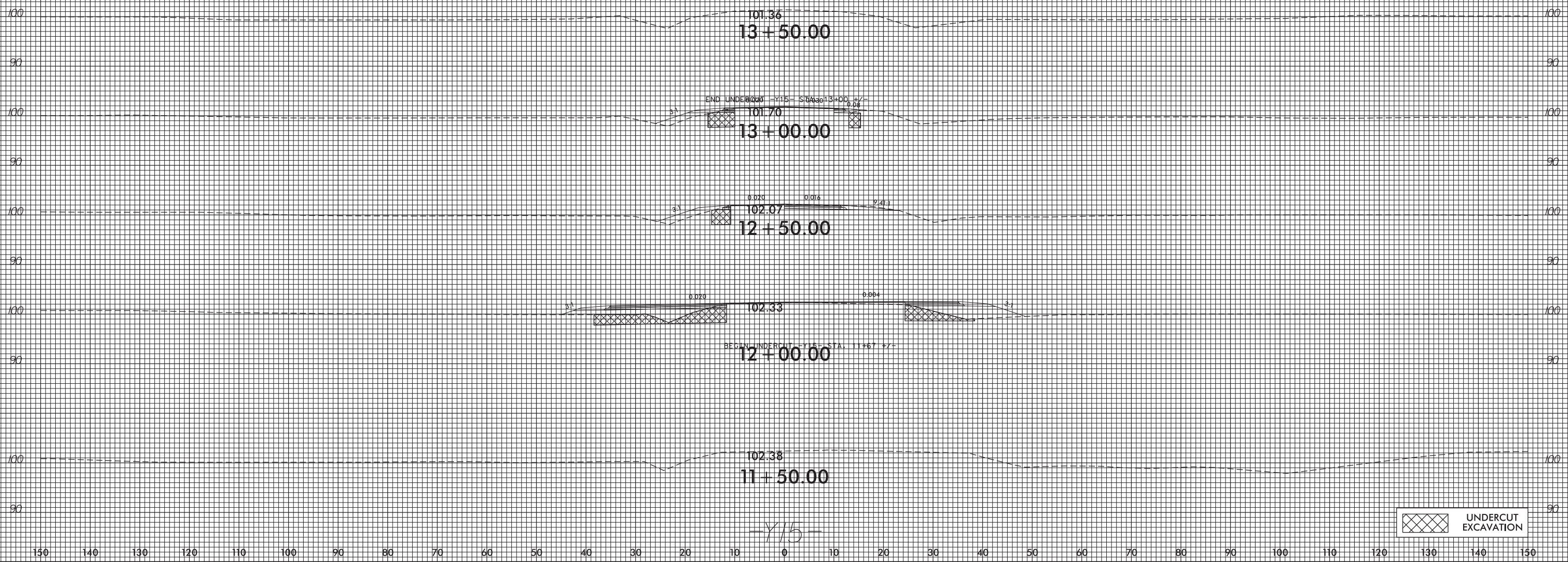
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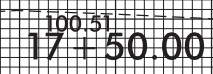
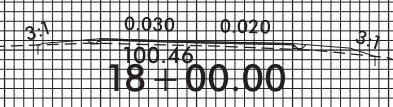
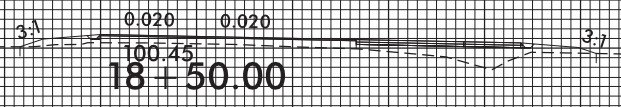
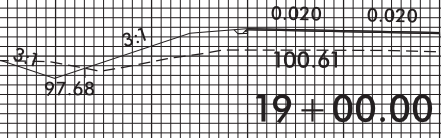
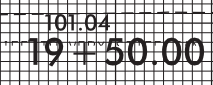
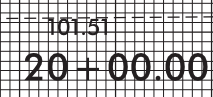
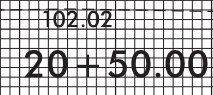
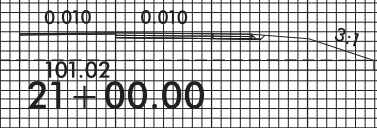
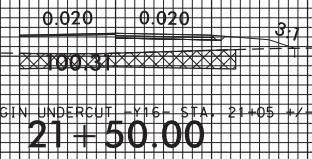
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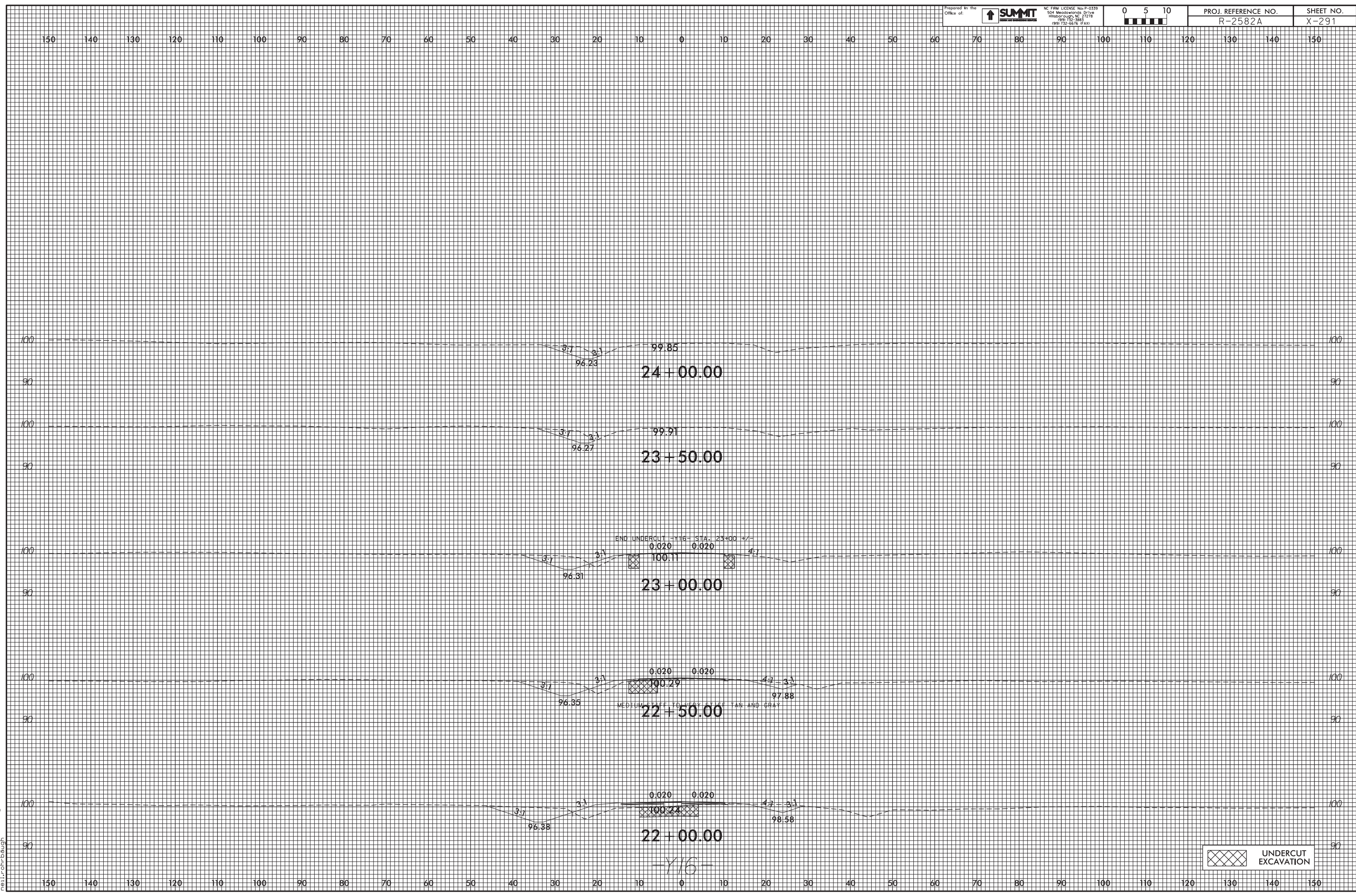


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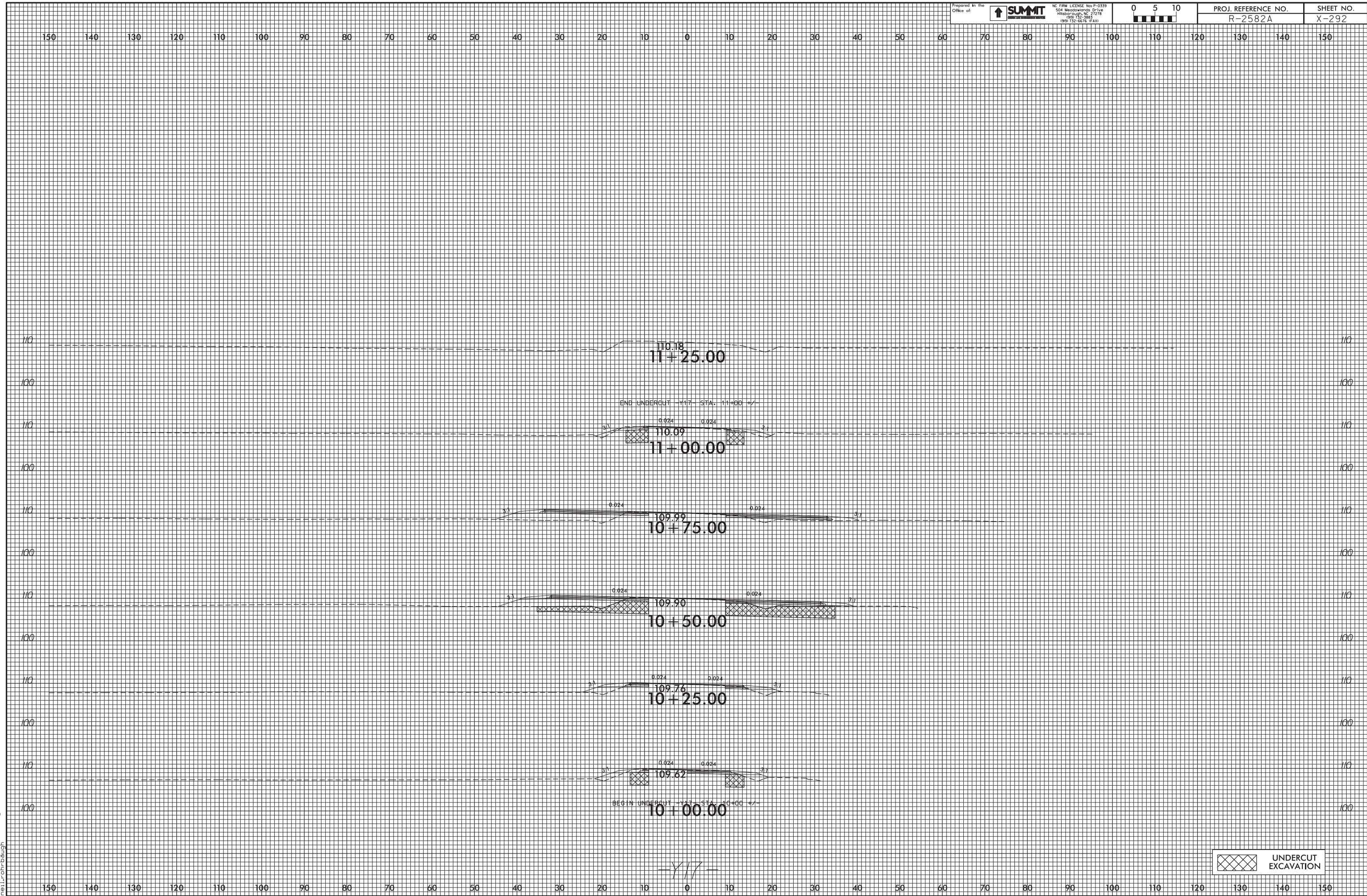
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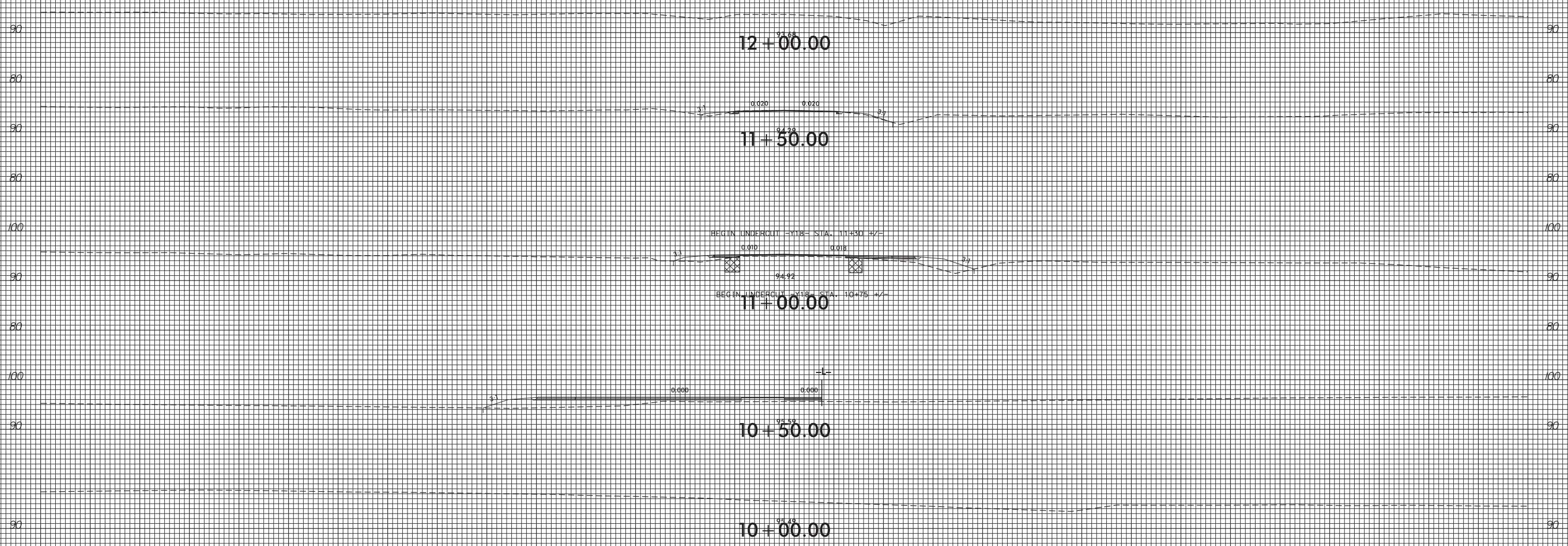


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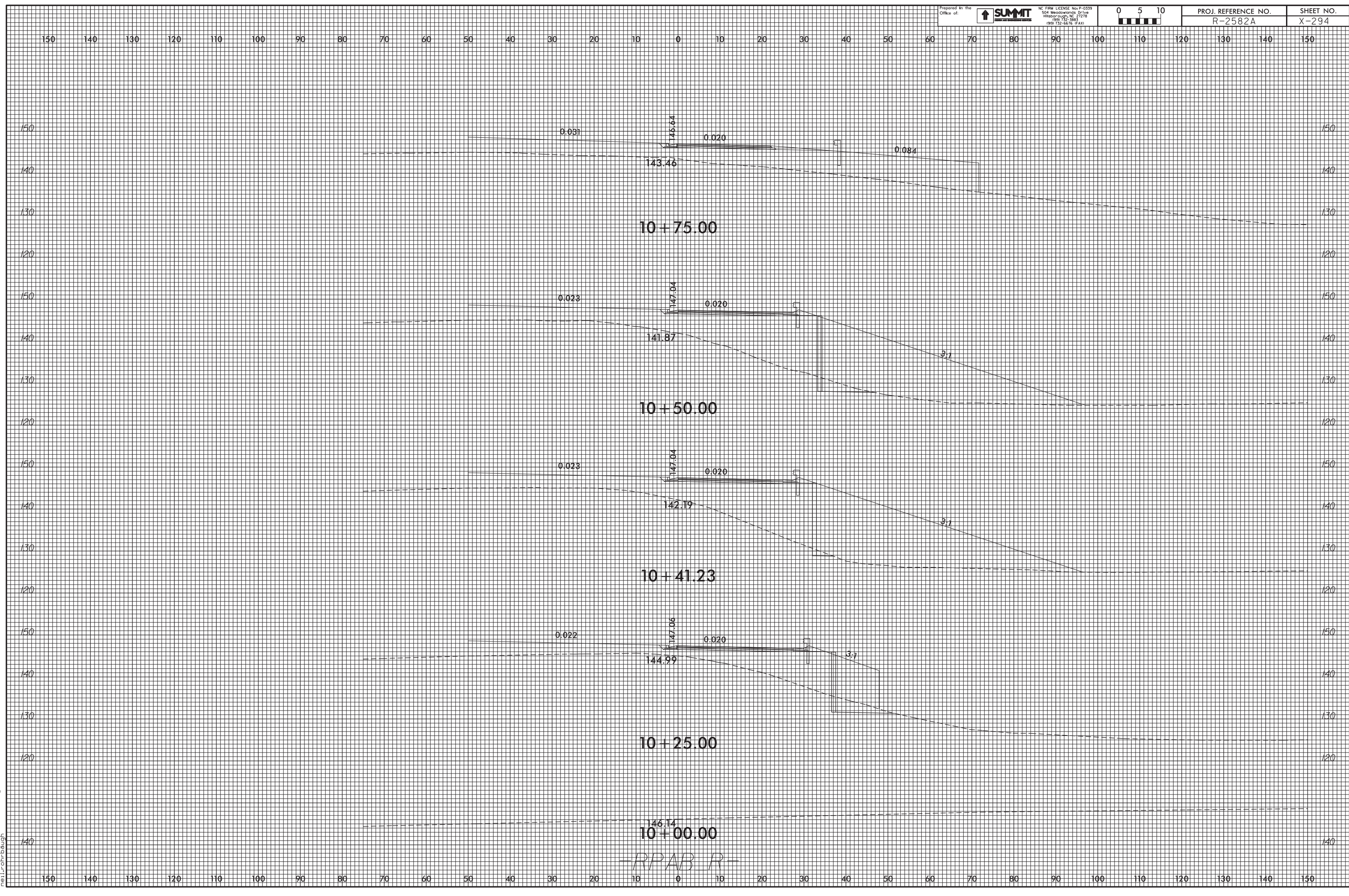


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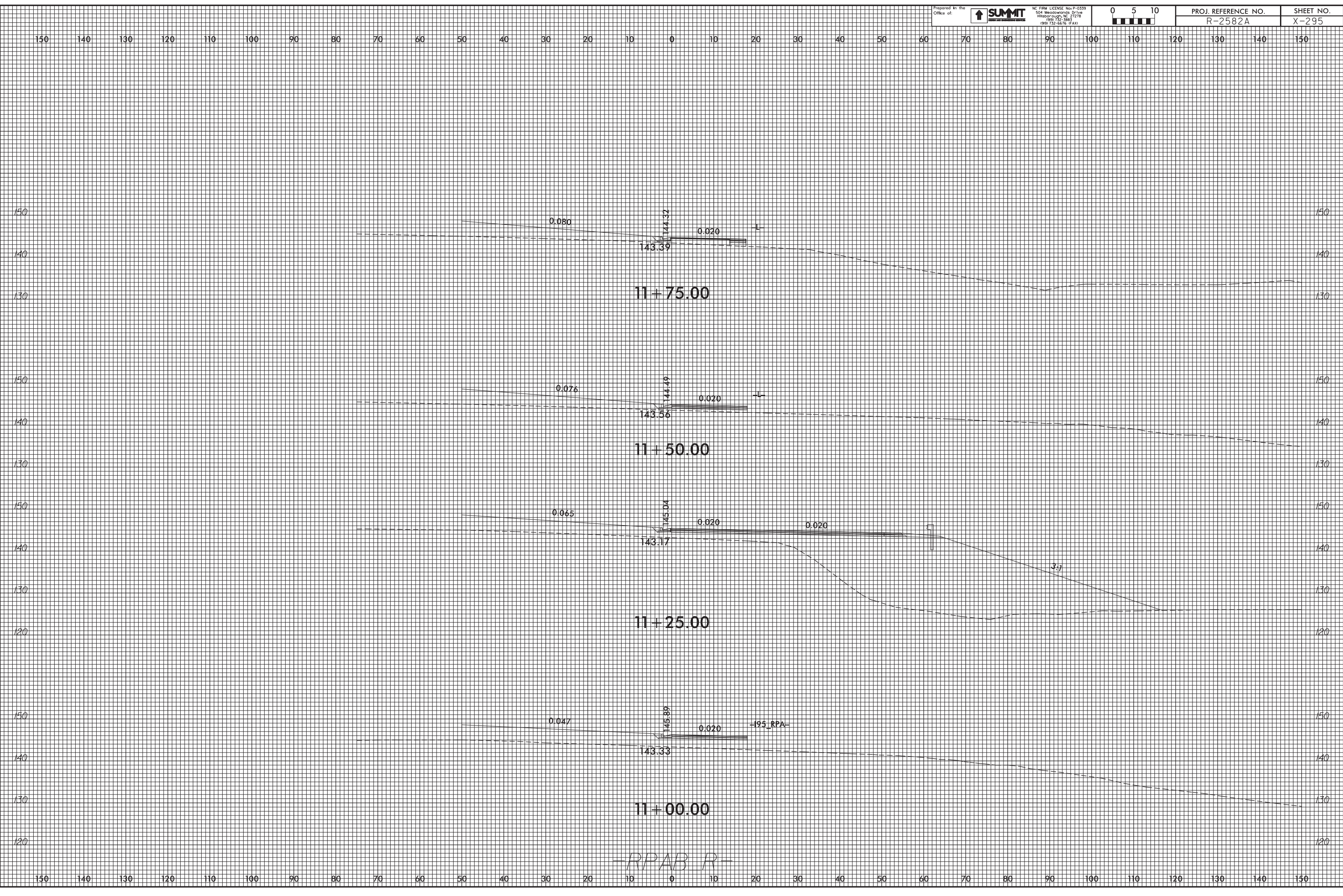
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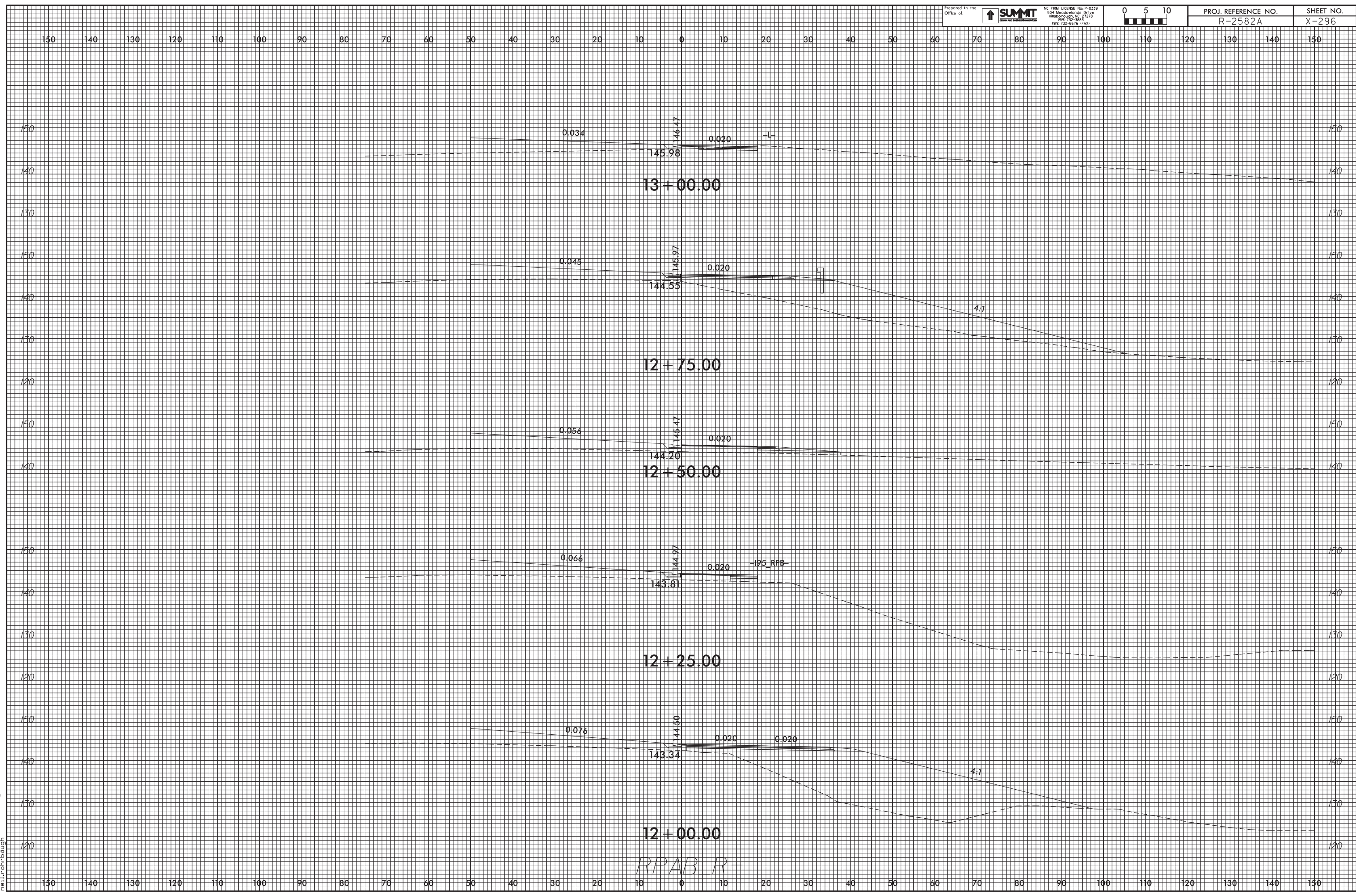


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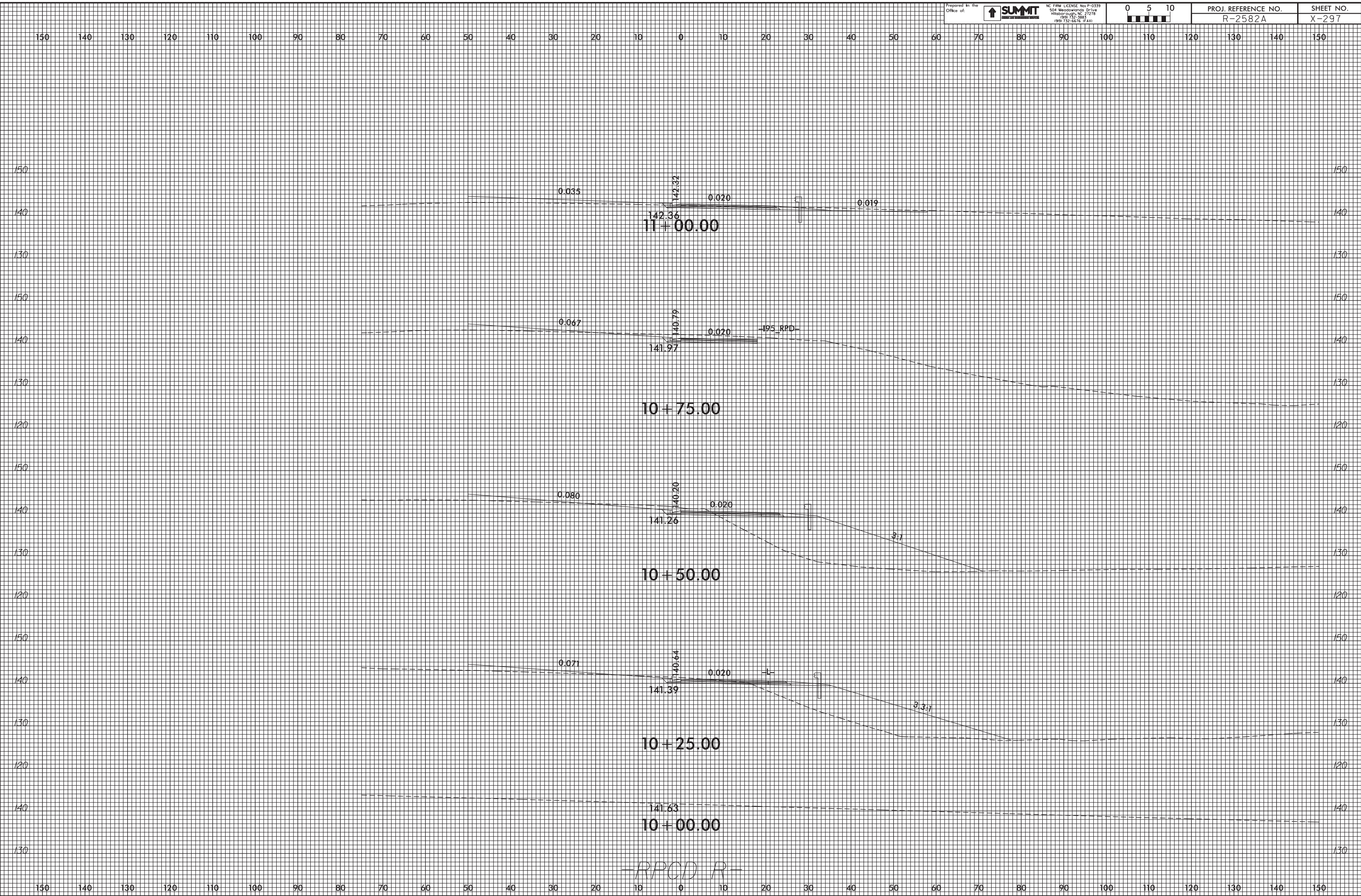


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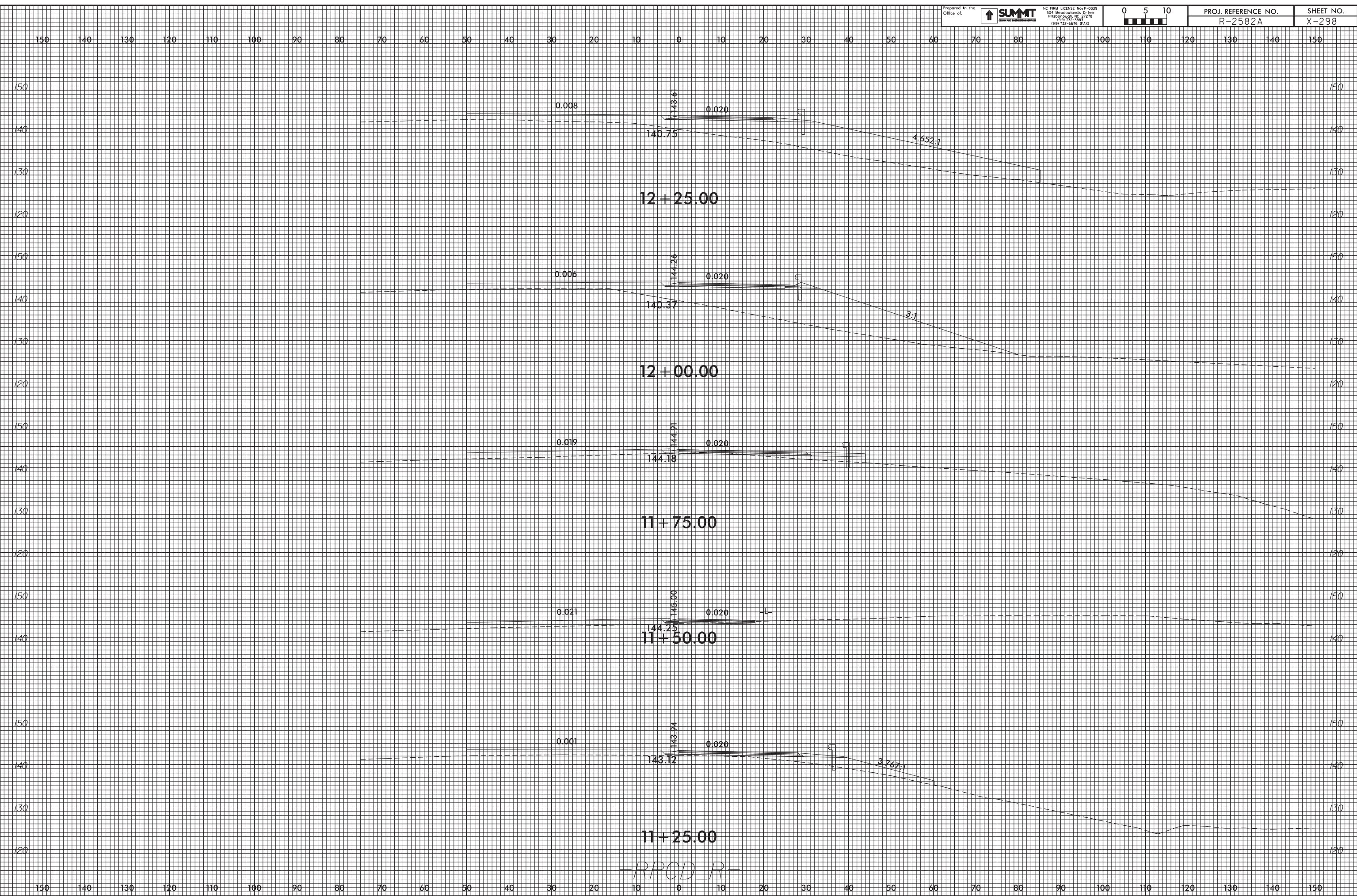


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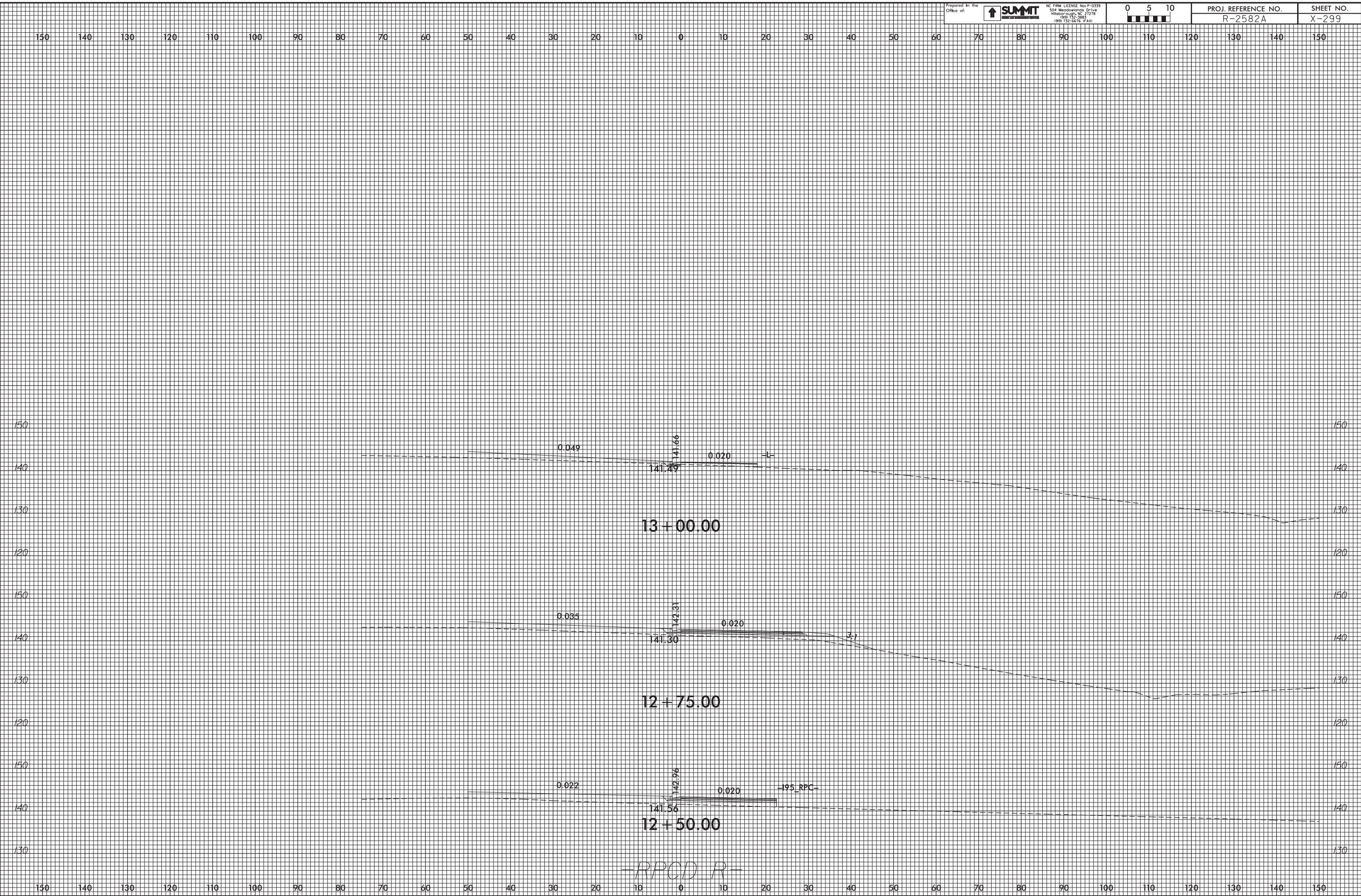
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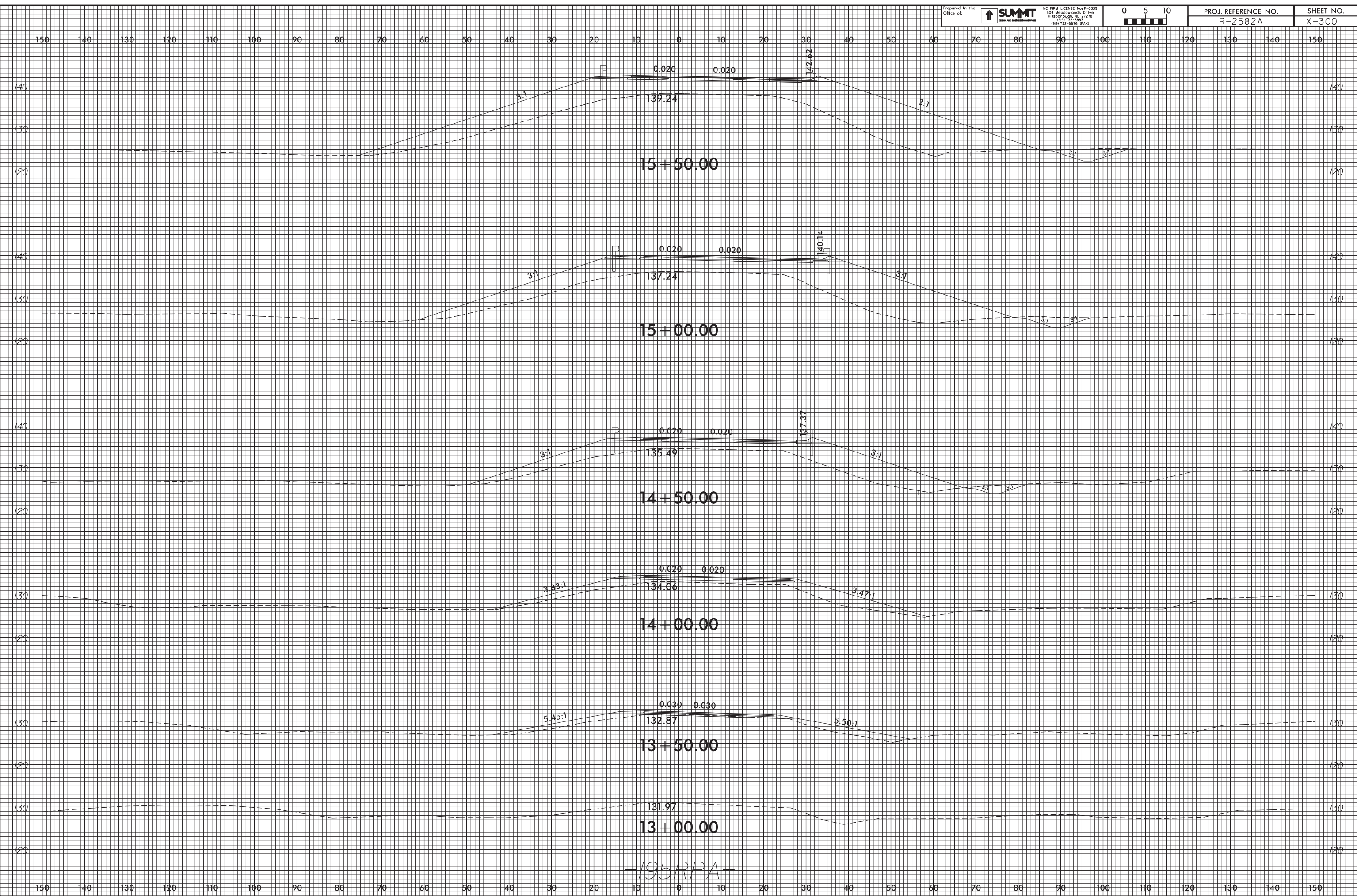


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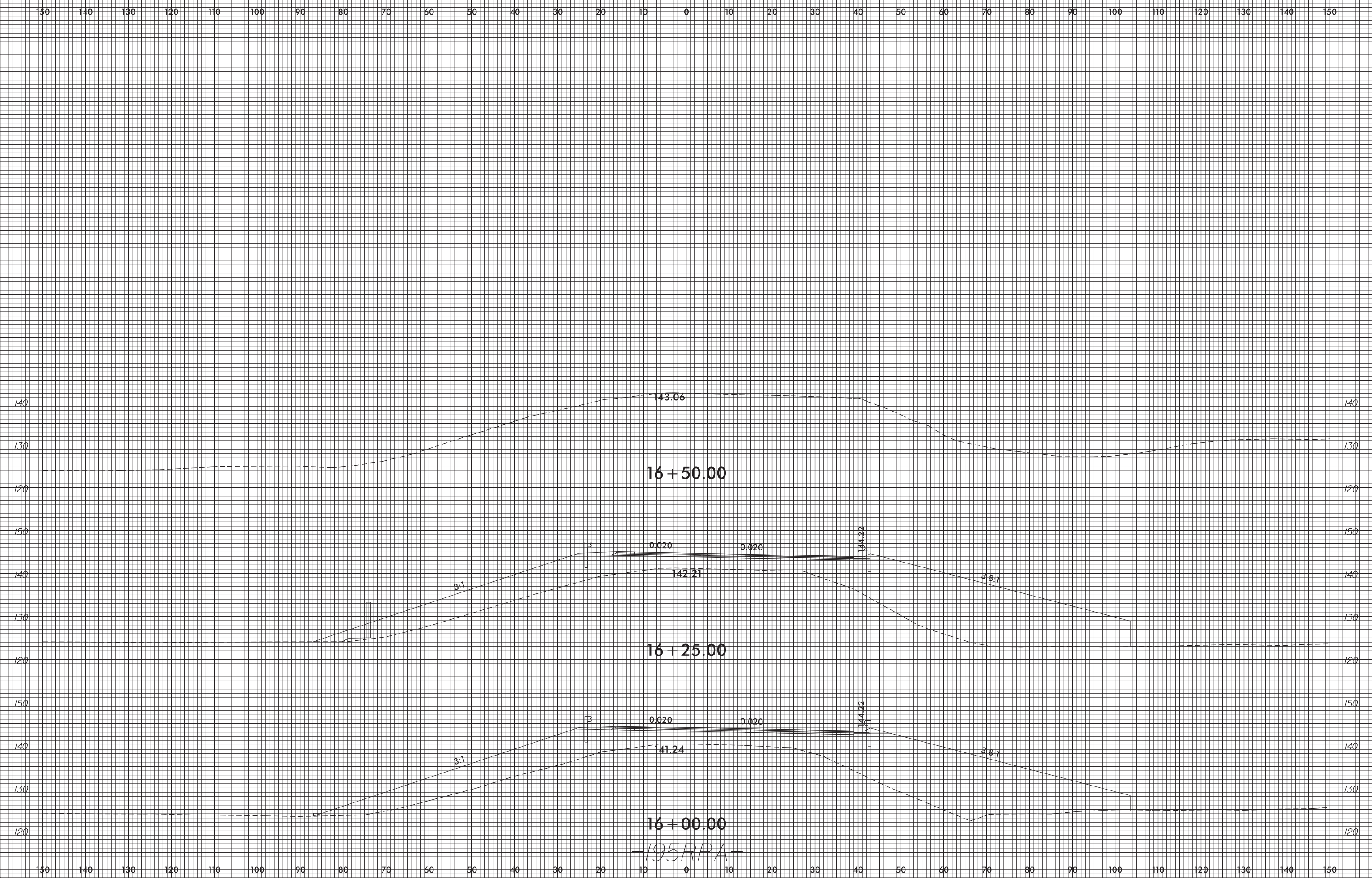


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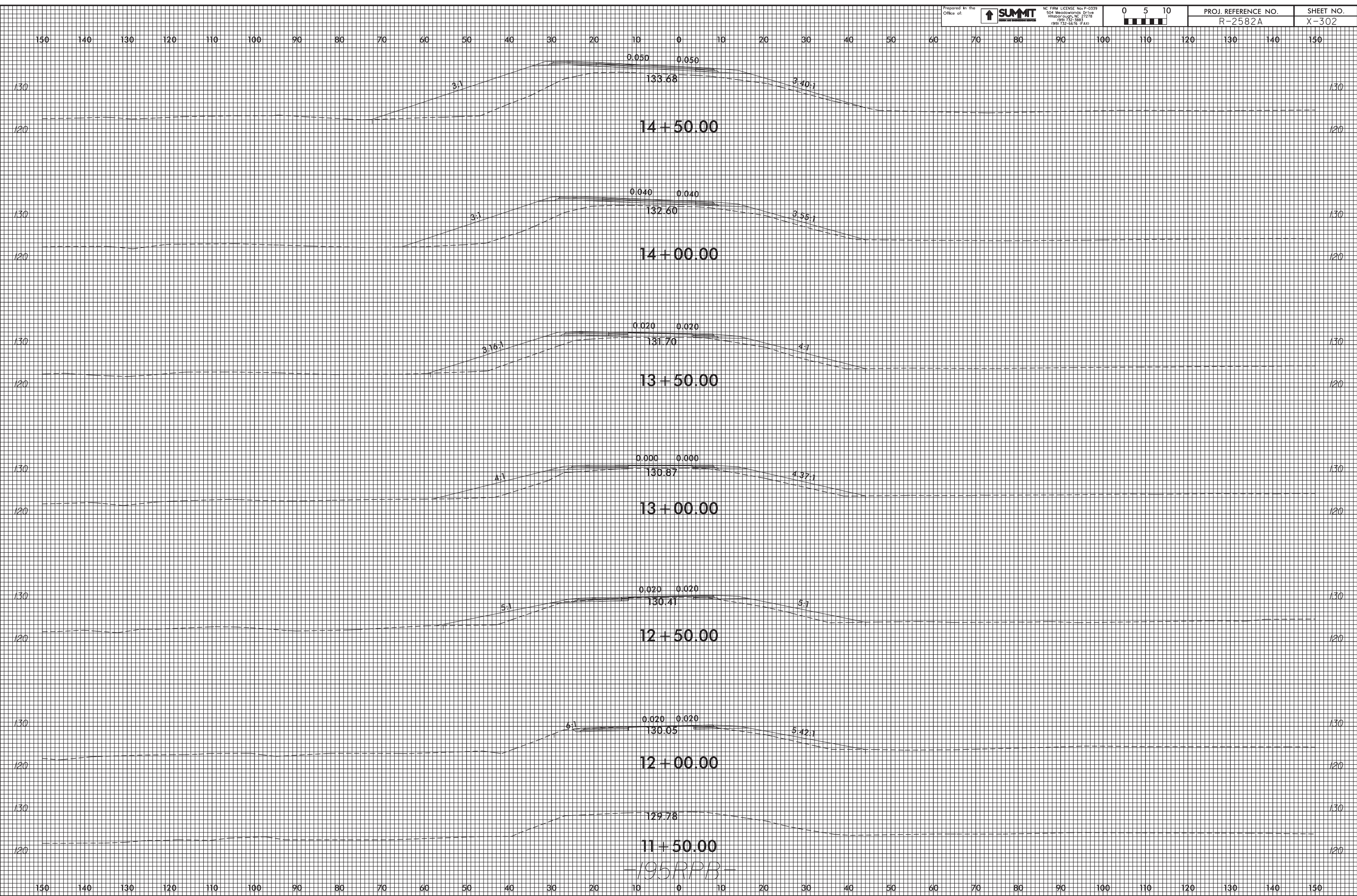
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