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# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-1015	X-1A

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

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

## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut
L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)
32+80.83	0	0	0	59+50.00	192	1827	0	83+50.00	287	1581	0	107+00.00	0	0	0
33+00.00	55	18	0	60+00.00	246	1794	0	84+00.00	262	1625	0	107+50.00	0	2007	0
33+50.00	213	44	0	60+50.00	251	1751	0	84+50.00	199	1606	0	108+00.00	0	1928	0
34+00.00	232	26	0	61+00.00	235	1672	0	85+00.00	107	1548	0	108+50.00	0	1864	0
34+50.00	190	23	0	61+50.00	233	1589	0	85+50.00	61	1565	0	109+00.00	0	1774	0
35+00.00	156	45	0	62+00.00	238	1531	0	86+00.00	71	1650	0	109+50.00	0	1647	0
35+50.00	135	69	0	62+50.00	222	1494	0	86+50.00	72	1774	0	110+00.00	0	1562	0
36+00.00	123	84	0	63+00.00	201	1485	0	87+00.00	34	1802	0	110+50.00	0	1516	0
36+50.00	135	86	0	63+50.00	201	1517	0	87+50.00	0	1793	0	111+00.00	0	1468	0
37+00.00	120	87	0	64+00.00	180	1569	0	88+00.00	0	2060	0	111+50.00	0	1417	0
37+50.00	95	95	0	64+50.00	162	1606	0	88+50.00	0	2290	0	112+00.00	0	1364	0
38+00.00	98	107	0					89+00.00	0	2282	0	112+50.00	0	1304	0
38+50.00	97	115	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	89+50.00	0	2299	0	113+00.00	0	1262	0
39+00.00	85	141	0					90+00.00	0	2330	0	113+50.00	0	1255	0
39+50.00	75	184	0	<b>L</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	90+50.00	0	2376	0	114+00.00	0	1241	0
41+00.00	447	1139	0	64+50.00	0	0	0	91+00.00	0	2377	0	114+50.00	0	1244	0
41+50.00	179	404	0	65+00.00	171	1644	0	91+50.00	0	2316	0	115+00.00	0	1281	0
42+00.00	169	265	0	65+50.00	203	1687	0	92+00.00	0	2238	0	115+50.00	0	1335	0
42+50.00	199	267	0	66+00.00	196	1723	0	92+50.00	0	2394	0	116+00.00	0	1436	0
43+00.00	186	351	0	66+50.00	158	1779	0	93+00.00	0	2543	0	116+50.00	0	1631	0
43+50.00	182	439	0	67+00.00	150	1825	0	93+50.00	0	2158	0	117+00.00	0	1939	0
44+00.00	181	422	0	67+50.00	156	1850	0	94+00.00	0	1759	0	117+50.00	0	2357	0
44+50.00	171	398	0	68+00.00	189	1836	0	94+50.00	0	1644	0	118+00.00	0	3003	0
45+00.00	149	369	0	68+50.00	236	1805	0					118+50.00	0	3381	0
45+50.00	126	363	0	69+00.00	300	1795	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	119+00.00	0	3656	0
46+00.00	115	372	0	69+50.00	371	1764	0					119+50.00	0	4204	0
46+50.00	109	383	0	70+00.00	215	1542	0	<b>L</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	120+00.00	0	4692	0
47+00.00	83	429	0	70+50.00	31	1324	0	94+50.00	0	0	0	120+50.00	0	5269	0
47+50.00	58	510	0	71+00.00	32	1294	0	95+00.00	0	1557	0	121+00.00	0	5804	0
48+00.00	69	630	0	71+50.00	27	1280	0	95+50.00	0	1506	0	121+50.00	0	6200	0
48+50.00	100	736	0	72+00.00	19	1246	0	96+00.00	0	1491	0	122+00.00	0	6680	0
49+00.00	147	807	0	72+50.00	25	1180	0	96+50.00	0	1773	0	122+50.00	0	7087	0
49+50.00	190	888	0	73+00.00	31	1111	0	97+00.00	0	1700	0	123+00.00	0	7442	0
50+00.00	182	978	0	73+50.00	32	1058	0	97+50.00	0	1503	0	123+50.00	0	7905	0
50+50.00	160	1061	0	74+00.00	36	1016	0	98+00.00	0	1549	0	124+00.00	0	8307	0
51+00.00	173	1137	0	74+50.00	40	969	0	98+50.00	0	1453	0	124+50.00	0	8765	0
51+50.00	196	1223	0	75+00.00	40	933	0	99+00.00	0	1486	0	125+00.00	0	9325	0
52+00.00	210	1316	0	75+50.00	28	930	0	99+50.00	0	1533	0	125+50.00	0	9894	0
52+50.00	212	1406	0	76+00.00	24	925	0	100+00.00	0	1705	0	126+00.00	0	10538	0
53+00.00	221	1488	0	76+50.00	28	900	0	100+50.00	0	1852	0	126+50.00	0	11173	0
53+50.00	251	1566	0	77+00.00	29	893	0	101+00.00	0	1880	0	127+00.00	0	11723	0
54+00.00	272	1651	0	77+50.00	29	914	0	101+50.00	0	1906	0	127+50.00	0	12282	0
54+50.00	304	1719	0	78+00.00	31	957	0	102+00.00	0	1936	0	128+00.00	0	12903	0
55+00.00	346	1765	0	78+50.00	32	1042	0	102+50.00	0	1986	0	128+50.00	0	13469	0
55+50.00	381	1819	0	79+00.00	24	856	0	103+00.00	0	2006	0	129+00.00	0	13969	0
56+00.00	424	1883	0	79+50.00	23	657	0	103+50.00	0	2036	0	129+50.00	0	14514	0
56+50.00	453	1965	0	80+00.00	59	750	0	104+00.00	0	2108	0	130+00.00	0	15115	0
57+00.00	426	2042	0	80+50.00	114	878	0	104+50.00	0	2082	0	130+50.00	0	15627	0
57+50.00	359	2081	0	81+00.00	160	1025	0	105+00.00	0	2228	0	131+00.00	0	16064	0
58+00.00	292	2094	0	81+50.00	181	1173	0	105+50.00	0	2387	0	131+50.00	0	16428	0
58+50.00	243	2014	0	82+00.00	233	1309	0	106+00.00	0	2266	0	132+00.00	0	16700	0
58+75.00	62	956	0	82+50.00	282	1428	0	106+50.00	0	2153	0	132+50.00	0	16955	0
59+00.00	44	934	0	83+00.00	284	1531	0	107+00.00	0	2078	0	133+00.00	0	17061	0

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-1015	X-1B

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

## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut
L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)
133+50.00	0	17126	0	162+00.00	0	2449	0	202+50.00	0	6743	0	228+70.94	0	0	0
134+00.00	0	17210	0	162+50.00	0	2513	0	203+00.00	0	6960	0	229+00.00	0	8137	0
134+50.00	0	17433	0	163+00.00	0	2576	0	203+50.00	0	7133	0	229+50.00	0	14006	0
135+00.00	0	17715	0	163+50.00	0	2632	0	204+00.00	0	7297	0	230+00.00	0	13940	0
135+50.00	0	17665	0	164+00.00	0	2670	0	204+50.00	0	7480	0	230+50.00	0	13903	0
136+00.00	0	17586	0	164+50.00	0	2717	0	205+00.00	0	7682	0	231+00.00	0	13862	0
				165+00.00	0	2826	0	205+50.00	0	7927	0	231+50.00	0	13831	0
				165+50.00	0	2964	0	206+00.00	0	8235	0	232+00.00	0	13872	0
				166+00.00	0	3137	0	206+50.00	0	8572	0	232+50.00	0	14014	0
				166+50.00	0	3408	0	207+00.00	0	8879	0	233+00.00	0	14326	0
141+50.00	0	0	0	167+00.00	0	3740	0	207+50.00	0	9146	0	233+50.00	0	14869	0
142+00.00	0	13598	0	167+50.00	0	4031	0	208+00.00	0	9388	0	234+00.00	0	15611	0
142+50.00	0	13208	0	168+00.00	0	4246	0	208+50.00	0	9556	0	234+50.00	0	16519	0
143+00.00	0	12676	0	168+50.00	0	4362	0	209+00.00	0	9662	0	235+00.00	0	17518	0
143+50.00	0	12052	0	169+00.00	0	4513	0	209+50.00	0	9783	0	235+50.00	0	13016	0
144+00.00	0	11382	0	169+50.00	0	4640	0	210+00.00	0	9940	0	236+00.00	0	7950	0
144+50.00	0	10658	0					210+50.00	0	10127	0	236+50.00	0	7678	0
145+00.00	0	9956	0					211+00.00	0	10338	0	237+00.00	0	7135	0
145+50.00	0	9262	0					211+50.00	0	10566	0	237+50.00	0	6594	0
146+00.00	0	8544	0					212+00.00	0	10803	0	238+00.00	0	6094	0
146+50.00	0	7855	0	186+00.00	0	0	0	212+50.00	0	11054	0	238+50.00	0	5593	0
147+00.00	0	7210	0	186+50.00	0	3041	0	213+00.00	0	11317	0	239+00.00	0	5219	0
147+50.00	0	6574	0	187+00.00	0	2975	0	213+50.00	0	11576	0	239+50.00	0	4882	0
148+00.00	0	5919	0	187+50.00	0	2894	0	214+00.00	0	11820	0	240+00.00	0	4509	0
148+50.00	0	5295	0	188+00.00	0	2789	0	214+50.00	0	12057	0	240+50.00	0	4100	0
149+00.00	0	4719	0	188+50.00	0	2709	0	215+00.00	0	12411	0	241+00.00	0	3697	0
149+50.00	0	4201	0	189+00.00	0	2693	0	215+50.00	0	12900	0	241+50.00	0	3344	0
150+00.00	0	3755	0	189+50.00	0	2717	0	216+00.00	0	13382	0	242+00.00	0	3027	0
150+50.00	0	3342	0	190+00.00	0	2762	0					242+50.00	0	2776	0
151+00.00	0	2949	0	190+50.00	0	2830	0					243+00.00	0	2649	0
151+50.00	0	2606	0	191+00.00	0	2915	0					243+50.00	0	2445	0
152+00.00	0	2316	0	191+50.00	0	3049	0					244+00.00	0	2034	0
152+50.00	0	2083	0	192+00.00	0	3230	0	216+00.00	0	0	0	244+50.00	0	1476	0
153+00.00	0	1931	0	192+50.00	0	3411	0	216+50.00	0	13785	0	245+00.00	0	1188	0
153+50.00	0	1886	0	193+00.00	0	3569	0	217+00.00	0	14118	0	245+50.00	0	1066	0
153+75.00	0	1063	0	193+50.00	0	3724	0	217+50.00	0	14440	0	246+00.00	0	818	0
154+00.00	0	1092	0	194+00.00	0	3900	0	218+00.00	0	14699	0	246+50.00	32	648	0
154+50.00	0	1994	0	194+50.00	0	4091	0	218+50.00	0	14949	0	247+00.00	55	529	0
155+00.00	0	1915	0	195+00.00	0	4296	0	219+00.00	0	15112	0	247+50.00	36	444	0
155+21.00	0	887	0	195+50.00	0	4539	0	219+50.00	0	15162	0	248+00.00	14	409	0
155+50.00	0	1256	0	196+00.00	0	4833	0	220+00.00	0	15231	0	248+50.00	0	392	0
156+00.00	0	1934	0	196+50.00	0	5257	0	220+50.00	0	15281	0	249+00.00	0	412	0
156+50.00	0	1927	0	197+00.00	0	5493	0	221+00.00	0	15311	0	249+50.00	0	472	0
157+00.00	0	2017	0	197+50.00	0	5169	0	221+50.00	0	15388	0	250+00.00	0	516	0
157+50.00	0	2121	0	198+00.00	0	4950	0	222+00.00	0	15512	0	250+50.00	0	518	0
158+00.00	0	2228	0	198+50.00	0	5114	0	222+50.00	0	15605	0	251+00.00	0	484	0
158+50.00	0	2318	0	199+00.00	0	5286	0	223+00.00	0	15543	0	251+50.00	0	465	0
159+00.00	0	2341	0	199+50.00	0	5459	0	223+50.00	0	15350	0	252+00.00	0	475	0
159+50.00	0	2352	0	200+00.00	0	5638	0	224+00.00	0	15205	0	252+50.00	0	501	0
160+00.00	0	2356	0	200+50.00	0	5834	0	224+50.00	0	15091	0	253+00.00	0	506	0
160+50.00	0	2369	0	201+00.00	0	6049	0	225+00.00	0	14956	0	253+50.00	0	487	0
161+00.00	0	2384	0	201+50.00	0	6274	0	225+50.00	0	14858	0	254+00.00	0	467	0
161+50.00	0	2404	0	202+00.00	0	6505	0	226+00.00	0	14807	0	254+50.00	0	505	0

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-1015	X-1C

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## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut
L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)
255+00.00	0	600	0	278+50.00	0	3121	0	312+50.00	95	1455	0	336+50.00	16	2390	0
255+50.00	0	936	0	279+00.00	0	3259	0	313+00.00	87	1389	0	337+00.00	0	1881	0
256+00.00	0	1258	0	279+50.00	0	3569	0	313+50.00	66	1479	0	337+50.00	0	1532	0
256+50.00	0	1281	0	280+00.00	0	3984	0	314+00.00	35	1531	0	338+00.00	0	1504	0
257+00.00	0	1245	0	280+50.00	0	4524	0	314+50.00	18	1474	0	338+50.00	0	1566	0
257+50.00	0	1219	0	281+00.00	0	5316	0	315+00.00	18	1457	0	339+00.00	0	1601	0
258+00.00	0	1219	0	281+50.00	0	6176	229	315+50.00	27	1541	0	339+50.00	0	1781	0
258+50.00	0	1238	0	282+00.00	0	6657	342	316+00.00	30	1607	0	340+00.00	0	2110	0
				282+50.00	0	6811	337	316+50.00	27	1575	0	340+50.00	0	2400	0
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	(cu. yd.)	(cu. yd.)	(cu. yd.)
258+50.00	0	0	0	292+50.00	0	0	0	317+00.00	25	1506	0	341+00.00	0	2500	0
259+00.00	0	1277	0	292+50.00	0	0	0	317+50.00	23	1436	0	341+50.00	9	2519	0
259+50.00	0	1316	0	293+00.00	0	7098	327	318+00.00	20	1354	0	342+00.00	15	2798	0
260+00.00	0	1331	0	293+50.00	0	5642	0	318+50.00	20	1255	0	342+50.00	31	3053	0
260+50.00	0	1335	0	294+00.00	0	3833	0	319+00.00	27	1251	0	343+00.00	88	2896	0
261+00.00	0	1375	0	294+50.00	0	2256	0	319+50.00	32	1182	0	343+50.00	107	2694	0
261+50.00	0	1443	0	295+00.00	0	1370	0	320+00.00	17	1031	0	344+00.00	89	2600	0
262+00.00	0	1520	0	295+50.00	0	1136	0	320+50.00	0	961	0	344+50.00	67	2511	0
262+50.00	0	1804	0	296+00.00	0	1047	0	321+00.00	0	893	0	344+80.00	26	1672	0
263+00.00	0	2035	0	296+50.00	0	978	0	321+50.00	0	869	0	345+00.00	17	1078	0
263+50.00	0	2063	0	297+00.00	0	932	0	322+00.00	0	880	0	345+50.00	92	2240	0
264+00.00	0	2148	0	297+50.00	0	889	0	322+50.00	0	856	0	346+00.00	110	2157	0
264+50.00	0	2255	0	298+00.00	0	862	0					346+50.00	66	2106	0
265+00.00	0	2282	0	298+50.00	0	840	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	347+00.00	44	2073	0
265+50.00	0	2231	0	299+00.00	0	812	0	<b>L</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	347+50.00	30	2028	0
266+00.00	0	2218	0	299+50.00	0	790	0	322+50.00	0	0	0	348+00.00	12	1986	0
266+50.00	0	2245	0	300+00.00	0	744	0	323+00.00	0	781	0	348+50.00	0	1957	0
266+70.00	0	1172	0	300+50.00	0	673	0	323+50.00	0	701	0	349+00.00	0	1965	0
267+00.00	0	1936	0	301+00.00	0	633	0	324+00.00	0	687	0	349+50.00	0	1991	0
267+50.00	0	2963	0	301+50.00	0	888	0	324+50.00	0	750	0	350+00.00	0	2005	0
268+00.00	0	3273	0	302+00.00	0	1235	0	325+00.00	0	822	0	350+50.00	0	1978	0
268+50.00	0	3738	0	302+50.00	0	1612	0	325+50.00	0	805	0	351+00.00	0	1924	0
269+00.00	0	4407	0	303+00.00	0	1332	0	326+00.00	0	704	0	351+50.00	0	1937	0
269+50.00	0	4981	276	303+50.00	0	590	189	326+50.00	0	648	0	352+00.00	0	1959	0
270+00.00	0	5157	322	304+00.00	0	424	205	327+00.00	0	651	0	352+50.00	6	1925	0
270+50.00	0	5214	260	304+50.00	0	413	208	327+50.00	0	645	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>
271+00.00	0	5306	297	305+00.00	0	405	218	328+00.00	0	769	0	<b>L</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
271+50.00	0	5366	287	305+50.00	0	457	184	328+50.00	0	1021	0	352+50.00	0	0	0
272+00.00	0	5506	576	306+00.00	0	610	98	329+00.00	0	1244	0	353+00.00	17	1892	0
272+50.00	0	5690	877	306+50.00	0	839	28	330+00.00	18	1572	0	353+50.00	18	1866	0
273+00.00	0	5439	758	307+00.00	0	806	0	330+50.00	56	2486	0	354+00.00	16	1811	0
273+50.00	0	4802	0	307+50.00	0	568	0	331+00.00	106	2509	0	354+50.00	19	1719	0
274+00.00	0	4215	0	308+00.00	0	510	0	331+50.00	161	2369	0	355+00.00	30	1609	0
274+50.00	0	3748	0	308+50.00	0	698	0	332+00.00	191	2303	0	355+50.00	37	1635	0
275+00.00	0	3346	0	309+00.00	0	993	0	332+50.00	202	2329	0	356+00.00	34	1819	0
275+50.00	0	3185	0	309+50.00	1	1357	0	333+00.00	185	2392	0	356+50.00	30	2051	0
276+00.00	0	3238	0	310+00.00	7	1748	0	333+50.00	108	2327	0	357+00.00	38	2250	0
276+50.00	0	3262	0	310+50.00	58	1704	0	334+00.00	57	2029	0	357+50.00	45	2147	0
277+00.00	0	3211	0	311+00.00	103	1487	0	334+50.00	71	1879	0	358+00.00	43	1868	0
277+50.00	0	3119	0	311+50.00	106	1501	0	335+00.00	97	2019	0	358+50.00	36	1762	0
278+00.00	0	3076	0	312+00.00	106	1532	0	335+50.00	97	2295	0	359+00.00	29	1772	0
								336+00.00	57	2555	0	359+50.00	27	1748	0

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-1015	X-1D

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

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

## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut
L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)
360+00.00	26	1687	0	384+00.00	0	1982	0	410+50.00	0	1381	0	434+50.00	0	1550	0
360+50.00	26	1656	0	384+50.00	0	2006	0	411+00.00	0	1295	0	435+00.00	0	1443	0
361+00.00	25	1683	0	385+00.00	0	2044	0	411+50.00	0	1190	0	435+50.00	0	1397	0
361+50.00	23	1744	0	385+50.00	0	2087	0	412+00.00	0	1114	0	436+00.00	0	1424	0
362+00.00	20	1833	0	386+00.00	0	2127	0	412+50.00	0	1024	0	436+50.00	0	1447	0
362+50.00	19	1956	0	386+50.00	0	2148	0					437+00.00	0	1427	0
363+00.00	19	2080	0	387+00.00	0	2146	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	437+50.00	0	1390	0
363+50.00	19	2191	0	387+50.00	0	2137	0	<b>L</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	438+00.00	0	1346	0
364+00.00	19	2293	0	388+00.00	0	2131	0					438+50.00	0	1273	0
364+50.00	19	2379	0	388+50.00	0	2114	0	412+50.00	0	0	0	439+00.00	0	1176	0
365+00.00	16	2443	0	389+00.00	0	2072	0	413+00.00	0	918	0	439+50.00	0	1106	0
365+50.00	10	2508	0	389+50.00	0	2041	0	413+50.00	0	881	0	440+00.00	0	1078	0
366+00.00	10	2531	0	390+00.00	0	1976	0	414+00.00	0	905	0	440+50.00	0	1061	0
366+50.00	16	2494	0	390+50.00	0	1894	0	414+50.00	0	940	0	441+00.00	0	1050	0
367+00.00	20	2449	0	391+00.00	0	1851	0	415+00.00	0	966	0	441+50.00	0	1044	0
367+50.00	22	2409	0	391+50.00	0	1806	0	415+50.00	0	984	0	442+00.00	0	1037	0
368+00.00	23	2372	0	392+00.00	0	1758	0	416+00.00	0	1006	0	442+50.00	0	1019	0
368+50.00	24	2330	0	392+50.00	0	1720	0	416+50.00	0	1035	0				
369+00.00	23	2281	0	393+00.00	0	1689	0	417+00.00	0	1072	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>
369+50.00	20	2223	0	393+50.00	0	1660	0	417+50.00	0	1113	0	<b>L</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
370+00.00	19	2139	0	394+00.00	0	1633	0	418+00.00	0	1148	0				
370+50.00	19	2028	0	394+50.00	0	1598	0	418+50.00	0	1125	0	442+50.00	0	0	0
371+00.00	20	1921	0	395+00.00	0	1566	0	419+00.00	0	1156	0	443+00.00	0	993	0
371+50.00	19	1845	0	395+50.00	0	1559	0	419+50.00	0	1320	0	443+50.00	0	954	0
372+00.00	18	1794	0	396+00.00	0	1603	0	420+00.00	0	1438	0	444+00.00	0	913	0
372+50.00	8	1738	0	396+50.00	0	1655	0	420+50.00	0	1491	0	444+50.00	0	902	0
373+00.00	0	1681	0	397+00.00	0	1656	0	421+00.00	0	1564	0	445+00.00	0	917	0
373+50.00	0	1655	0	397+50.00	0	1648	0	421+50.00	0	1654	0	445+50.00	0	938	0
374+00.00	0	1744	0	398+00.00	0	1673	0	422+00.00	0	1744	0	446+00.00	0	943	0
374+50.00	0	1927	0	398+50.00	0	1712	0	422+50.00	0	1814	0	446+50.00	0	919	0
375+00.00	0	2192	0	399+00.00	0	1728	0	423+00.00	0	1846	0	447+00.00	0	894	0
375+50.00	0	2432	388	399+50.00	0	1743	0	423+50.00	0	1870	0	447+50.00	0	885	0
376+00.00	0	2550	427	400+00.00	0	1770	0	424+00.00	0	1926	0	448+00.00	0	896	0
376+50.00	0	2623	415	400+50.00	0	1788	0	424+50.00	0	1994	0	448+50.00	0	919	0
377+00.00	0	2622	212	401+00.00	0	1845	0	425+00.00	0	2008	0	449+00.00	0	929	0
377+50.00	0	2598	234	401+50.00	0	1903	0	425+50.00	0	2048	0	449+50.00	0	915	0
378+00.00	0	2733	204	402+00.00	0	1931	0	426+00.00	0	2169	0	450+00.00	0	881	0
378+50.00	0	2751	0	402+50.00	0	2066	0	426+50.00	0	2224	0	450+50.00	0	816	0
379+00.00	0	2518	0	403+00.00	0	2080	0	427+00.00	0	2201	0	451+00.00	0	776	0
379+50.00	0	2394	0	403+50.00	0	1994	0	427+50.00	0	2180	0	451+50.00	0	815	0
380+00.00	0	2429	0	404+00.00	0	1920	0	428+00.00	0	2169	0	452+00.00	0	888	0
380+50.00	0	2628	0	404+50.00	0	1834	0	428+50.00	0	2164	0	452+50.00	0	1027	0
381+00.00	0	2771	0	405+00.00	0	1838	0	429+00.00	0	2142	0	453+00.00	0	1266	0
381+50.00	0	2367	0	405+50.00	0	1837	0	429+50.00	0	2089	0	453+50.00	0	1500	0
382+00.00	0	1970	0	406+00.00	0	1833	0	430+00.00	0	2013	0	454+00.00	0	1526	0
382+50.00	0	1960	0	406+50.00	0	1814	0	430+50.00	0	1921	0	454+50.00	0	1372	0
				407+00.00	0	1768	0	431+00.00	0	1831	0	455+00.00	0	1197	0
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	407+50.00	0	1704	0	431+50.00	0	1772	0	455+50.00	0	1036	3
<b>L</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	408+00.00	0	1660	0	432+00.00	0	1744	0	456+00.00	0	911	18
				408+50.00	0	1584	0	432+50.00	0	1888	0	456+50.00	0	779	66
382+50.00	0	0	0	409+00.00	0	1499	0	433+00.00	0	2059	0	457+00.00	0	787	72
383+00.00	0	1962	0	409+50.00	0	1452	0	433+50.00	0	1889	0	457+50.00	0	1003	33
383+50.00	0	1972	0	410+00.00	0	1418	0	434+00.00	0	1655	0	458+00.00	0	1442	364

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-1015	X-1E

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

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

## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut
L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)
458+50.00	0	1882	737	482+00.00	0	1292	0	507+50.00	0	0	0	533+50.00	118	531	0
459+00.00	0	1918	600	482+50.00	0	1312	0	508+00.00	0	15822	0	534+00.00	78	641	0
459+50.00	0	1744	293	483+00.00	0	1294	0	508+50.00	0	17009	0	534+50.00	32	650	0
460+00.00	0	1480	99	483+50.00	0	1303	0	509+00.00	0	18746	0	535+00.00	41	739	0
460+50.00	0	1243	0	484+00.00	0	1362	0	509+50.00	0	21452	0	535+50.00	41	898	0
461+00.00	0	1300	0	484+50.00	0	1317	0	510+00.00	0	24620	970	536+00.00	32	974	0
461+50.00	0	1359	0	485+00.00	0	1237	0	510+50.00	0	22082	817	536+50.00	33	1041	0
462+00.00	0	1384	0	485+50.00	0	1226	0	511+00.00	0	18566	966	537+00.00	34	1099	0
462+50.00	0	1538	0	486+00.00	0	1240	0	511+50.00	0	19105	1499	537+50.00	24	1186	0
463+00.00	0	1801	0	486+50.00	0	1221	0	512+00.00	0	19098	1070	538+00.00	20	1300	0
463+50.00	0	2049	0	487+00.00	0	1204	0	512+50.00	0	19445	560	538+50.00	27	1596	0
464+00.00	0	2156	0	487+50.00	0	1157	0	513+00.00	0	19795	393	539+00.00	25	1841	0
464+50.00	0	2176	0	488+00.00	0	1039	0	513+50.00	0	19702	308	539+50.00	15	1835	0
464+72.00	0	1089	0	488+50.00	0	906	0	514+00.00	0	19369	228	540+00.00	4	1767	0
465+00.00	0	1283	0	489+00.00	0	886	0	514+50.00	0	18468	0	540+50.00	4	1756	0
465+50.00	0	1667	0	489+50.00	0	944	0	515+00.00	0	17528	0	541+00.00	8	1812	0
466+00.00	0	1388	0	490+00.00	0	978	0	515+19.53	0	6475	0	541+50.00	9	1828	0
466+50.00	0	1227	0	490+50.00	0	1037	0	515+45.80	0	7865	0	542+00.00	9	1847	0
467+00.00	0	1215	0	491+00.00	0	1183	0					542+50.00	8	1870	0
467+50.00	0	1244	0	491+50.00	0	1406	0	Station	Uncl. Exc.	Embt	Undercut	543+00.00	16	1874	0
468+00.00	0	1269	0	492+00.00	0	1628	0	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	543+50.00	22	1858	0
468+50.00	0	1301	0	492+50.00	0	1788	0					544+00.00	32	1781	0
469+00.00	0	1531	0	493+00.00	0	1869	0	518+07.32	0	0	0	544+50.00	44	1644	0
469+50.00	3	2000	0	493+50.00	0	1797	0	518+39.12	0	6939	0	545+00.00	42	1495	0
470+00.00	10	2467	0	494+00.00	0	1456	0	519+00.00	0	13908	0	545+50.00	51	1294	0
470+50.00	7	2757	0	494+50.00	0	1108	22	519+50.00	0	11150	0	546+00.00	65	1062	0
471+00.00	0	2570	0	495+00.00	0	946	34	520+00.00	0	10399	0	546+50.00	71	822	0
471+50.00	0	2157	0	495+50.00	0	923	20	520+50.00	0	9331	0	547+00.00	77	577	0
472+00.00	0	2111	0	496+00.00	0	1054	0	521+00.00	0	8117	0	547+50.00	77	404	0
472+50.00	0	2359	0	496+50.00	0	1248	0	521+50.00	0	7176	0	548+00.00	98	306	0
				497+00.00	0	2009	0	522+00.00	0	8052	0				
Station	Uncl. Exc.	Embt	Undercut	497+50.00	0	2703	0	522+50.00	0	9064	0	Station	Uncl. Exc.	Embt	Undercut
L	(cu. yd.)	(cu. yd.)	(cu. yd.)	498+00.00	0	2645	0	523+00.00	0	8517	0	L	(cu. yd.)	(cu. yd.)	(cu. yd.)
				498+50.00	0	2563	0	523+50.00	0	7719	0				
472+50.00	0	0	0	499+00.00	0	2687	0	524+00.00	0	6784	0	548+00.00	0	0	0
473+00.00	0	2427	0	499+50.00	0	2950	0	524+50.00	0	5863	0	548+50.00	134	242	0
473+50.00	0	2239	0	500+00.00	0	3348	0	525+00.00	0	4909	0	549+00.00	145	228	0
474+00.00	0	2063	0	500+50.00	0	3896	0	525+50.00	0	3981	0	549+50.00	141	249	0
474+50.00	0	1995	0	501+00.00	0	4461	0	526+00.00	0	3250	0	550+00.00	137	276	0
475+00.00	0	2046	0	501+50.00	0	4947	0	526+50.00	31	2677	0	550+50.00	123	281	2
475+50.00	0	2068	0	502+00.00	0	5343	0	527+00.00	69	2160	0	551+00.00	109	281	1
476+00.00	0	2046	0	502+50.00	0	5713	0	527+50.00	75	1741	0	551+50.00	97	279	3
476+50.00	0	1995	0	503+00.00	0	6142	0	528+00.00	61	1427	25	552+00.00	85	283	5
477+00.00	0	1912	0	503+50.00	0	6672	0	528+50.00	42	1101	92	552+50.00	81	297	3
477+50.00	0	1842	0	504+00.00	0	7335	0	529+00.00	61	794	393	553+00.00	62	279	3
478+00.00	0	1768	0	504+50.00	0	8070	0	529+50.00	74	572	125	553+50.00	41	269	3
478+50.00	0	1662	0	504+56.80	0	1154	0	530+00.00	50	431	116	554+00.00	33	297	3
479+00.00	0	1577	0	505+00.00	0	7571	0	530+50.00	42	326	109	554+50.00	30	330	5
479+50.00	0	1556	0					531+00.00	53	286	110	555+00.00	31	343	3
480+00.00	0	1569	0					531+50.00	77	291	0	555+50.00	33	341	1
480+50.00	0	1524	0					532+00.00	100	290	0	556+00.00	29	348	0
481+00.00	0	1464	0					532+50.00	103	306	0	556+50.00	24	331	0
481+50.00	0	1373	0					533+00.00	106	394	0	557+00.00	16	440	0



# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-1015	X-1F

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

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

## CROSS-SECTION SUMMARY

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station RP1A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station RP1AB	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)	Station RP1AB	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
557+50.00	5	553	0	5+50.000000	0	690	0	4+89.37	0	0	0	32+50.00	74	195	0
558+00.00	4	501	0	6+00.000000	0	563	0	5+00.00	0	1730	0	33+00.00	78	200	0
558+50.00	9	457	0	6+50.000000	0	505	0	5+50.00	0	8674	1701	33+50.00	82	196	0
559+00.00	11	444	0	7+07.478548	0	580	0	6+00.00	0	9613	1101	34+00.00	79	188	0
559+50.00	50	369	82	7+54.621890	0	471	0	6+50.00	0	10611	883	34+50.00	59	169	0
560+00.00	62	354	100					7+00.00	0	11619	1366	35+00.00	31	103	0
560+50.00	23	427	92	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	7+50.00	0	12535	1979	35+50.00	15	52	0
561+00.00	18	420	93	<b>RP1B</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	8+00.00	0	13270	2669	36+00.00	14	56	0
561+50.00	29	370	0					8+50.00	0	13992	3188	36+50.00	16	77	0
562+00.00	35	321	0	5+20.307762	0	0	0	9+00.00	0	14253	3030	37+00.00	16	102	0
562+50.00	39	281	0	5+70.322824	459	322	0	9+50.00	0	13542	2473	37+50.00	11	106	0
563+00.00	51	239	0	6+20.101009	493	265	0	10+00.00	0	12075	2048	38+00.00	7	107	0
563+50.00	55	231	0	6+69.825576	518	183	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	38+50.00	6	111	0
564+00.00	54	206	0	7+00.000000	298	64	0	<b>RP1AB</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	39+00.00	6	115	0
564+50.00	48	194	0	7+50.000000	419	37	0					39+50.00	6	121	0
565+00.00	38	244	0	8+00.000000	352	21	0	13+50.00	0	0	0	40+00.00	7	130	0
565+50.00	28	299	0	8+50.000000	323	112	0	14+00.00	0	11744	0	40+50.00	10	125	0
566+00.00	11	313	0	9+00.000000	160	308	0	14+50.00	0	12406	0	41+00.00	16	109	0
566+50.00	4	351	0	9+50.000000	0	509	0	15+00.00	0	11849	0	41+50.00	20	94	0
567+00.00	2	414	0	10+00.000000	0	681	0	15+50.00	0	10811	0	42+00.00	19	126	0
567+50.00	1	406	0	10+50.000000	0	820	0	16+00.00	0	9707	0	42+50.00	20	195	0
568+00.00	3	374	0	11+00.000000	0	873	0	16+50.00	0	8668	0	43+00.00	19	186	0
568+50.00	4	326	0	11+50.000000	0	899	0	17+00.00	0	7686	0	43+50.00	17	119	0
569+00.00	6	274	0	12+00.000000	0	893	0	17+50.00	0	6720	0	44+00.00	27	49	0
569+50.00	9	226	0	12+50.000000	0	844	0	18+00.00	0	5946	0	44+50.00	42	20	0
570+00.00	15	176	61	13+00.000000	0	802	0	18+50.00	0	5202	0	45+00.00	55	19	0
570+50.00	21	140	15	13+50.000000	0	786	0	19+00.00	0	4290	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>
571+00.00	24	127	0	14+00.000000	0	807	0	19+50.00	0	3581	0	<b>LP1B</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
571+50.00	21	137	0	14+50.000000	0	812	0	20+00.00	0	2848	0				
572+00.00	16	178	0	15+00.000000	0	806	0	20+50.00	64	2036	0	2+23.338024	0	0	0
572+50.00	13	222	0	15+50.000000	0	828	0	21+00.00	103	1461	0	2+65.655489	0	469	0
573+00.00	15	243	0	16+00.000000	0	860	0	21+50.00	69	1039	0	3+08.000000	0	475	0
573+50.00	19	257	0	16+50.000000	0	921	0	22+00.00	54	715	0	3+50.000000	0	465	0
574+00.00	20	268	0	17+00.000000	0	994	0	22+50.00	81	469	0	4+00.000000	0	635	0
574+50.00	19	261	0	17+50.000000	0	904	180	23+00.00	100	382	0	4+50.000000	0	807	0
575+00.00	17	244	0	18+00.000000	0	739	185	23+50.00	88	391	0	5+00.000000	0	1075	0
575+50.00	17	221	0	18+50.000000	0	681	428	24+00.00	90	372	0	5+50.000000	0	1443	1144
576+00.00	19	197	0	19+00.000000	0	656	597	24+50.00	214	359	0	6+00.000000	0	1937	1315
576+50.00	25	163	0	19+50.000000	0	656	613	25+00.00	276	324	0	6+50.000000	0	2462	1556
577+00.00	32	128	0	20+00.000000	0	712	703	25+50.00	252	312	0				
577+50.00	41	102	0	20+50.000000	0	794	900	26+00.00	290	360	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>
578+00.00	49	81	0	21+00.000000	0	955	1089	26+50.00	276	401	0	<b>RP1CD</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
578+50.00	47	70	0	21+50.000000	0	1254	1297	27+00.00	256	396	0				
579+00.00	40	67	0	22+00.000000	0	1606	1335	27+50.00	236	342	0	2+95.593694	0	0	0
				22+50.000000	0	1927	1041	28+00.00	236	269	0	3+46.353732	39	676	0
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	23+00.000000	0	3681	1148	28+50.00	240	197	0	3+97.300933	32	825	0
<b>RP1A</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	23+50.000000	0	5361	1508	29+00.00	183	136	0	4+48.394172	29	1037	0
				24+00.000000	0	5707	1695	29+50.00	143	101	0	4+99.333603	30	1259	0
2+99.974043	0	0	0	24+50.000000	0	6207	1893	30+00.00	132	94	0	5+50.669360	30	1464	0
3+46.020745	0	858	0	25+00.000000	0	6771	2038	30+50.00	74	88	0	6+02.205765	29	1623	0
3+92.558332	0	1038	0	25+50.600000	0	7687	2280	31+00.00	32	115	0	6+53.841456	30	1713	0
4+50.000000	0	1223	0					31+50.00	51	156	0	7+05.567062	33	1737	0
5+00.000000	0	866	0					32+00.00	71	178	0	7+50.000000	30	1479	0





# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-1015	X-11

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

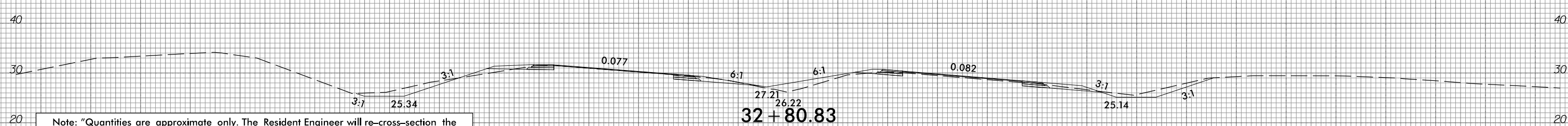
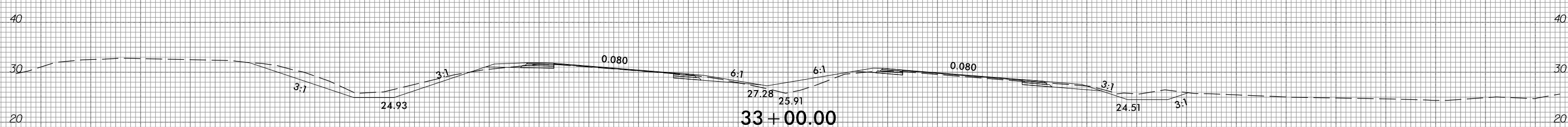
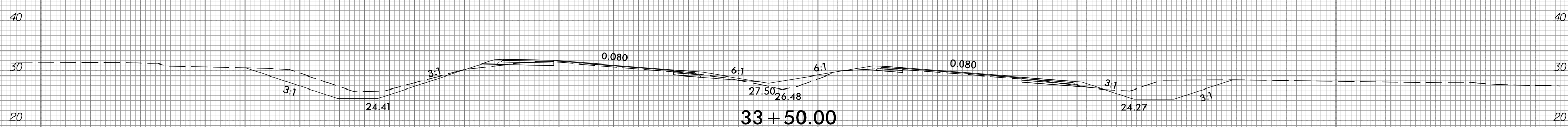
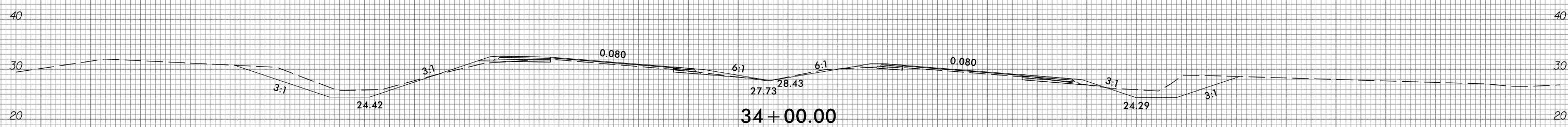
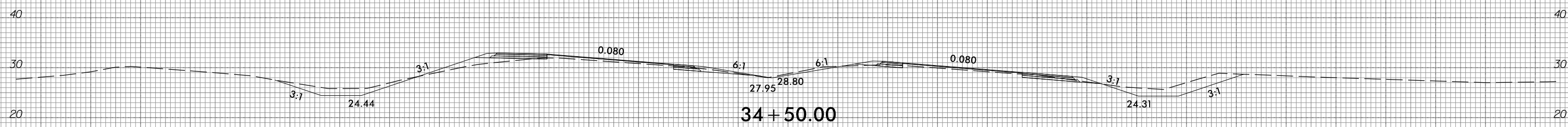
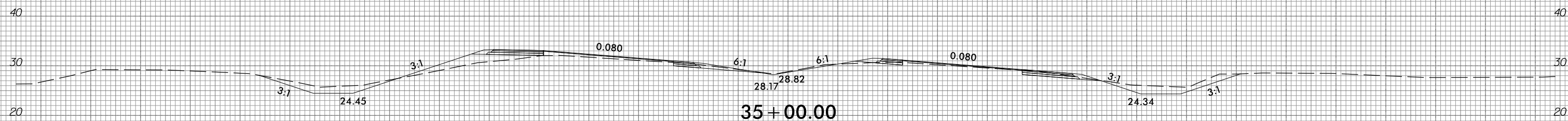
**NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT**

## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut
RP2AC	(cu. yd.)	(cu. yd.)	(cu. yd.)	RP2AC	(cu. yd.)	(cu. yd.)	(cu. yd.)	Y3DET	(cu. yd.)	(cu. yd.)	(cu. yd.)	Y3DET	(cu. yd.)	(cu. yd.)	(cu. yd.)
55+50.00000	7	581	0	79+22.73500	0	824	0	36+50.00000	0	0	0	63+00.00000	31	156	0
56+00.00000	7	654	0					37+00.00000	10	6	51	63+50.00000	21	130	0
56+50.00000	6	709	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	37+50.00000	13	9	51	64+00.00000	24	86	141
57+00.00000	7	719	0					38+00.00000	15	13	48	64+50.00000	65	40	181
57+50.00000	6	732	0	<b>RP2CD</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	38+50.00000	19	14	43	65+00.00000	131	17	181
58+00.00000	19	736	0	5+39.888869	0	0	0	39+00.00000	19	13	54	65+50.00000	152	4	161
58+50.00000	19	775	0	6+00.000000	0	730	0	39+50.00000	19	8	101	66+00.00000	119	1	112
59+00.00000	0	889	0	6+50.000000	0	683	0	40+00.00000	22	3	133	66+50.00000	106	3	90
59+50.00000	0	1088	0	7+00.000000	0	739	0	40+50.00000	44	6	141	67+00.00000	80	19	86
60+00.00000	0	1328	0	7+50.000000	0	796	0	41+00.00000	33	11	136	67+50.00000	44	40	58
60+50.00000	0	1591	0	8+00.000000	0	885	0	41+50.00000	1	35	101	68+00.00000	35	40	64
61+00.00000	0	1916	0	8+50.000000	0	970	0	42+00.00000	0	90	69	68+50.00000	21	29	66
61+50.00000	0	2466	0	9+00.000000	244	1038	0	42+50.00000	2	127	0	69+00.00000	14	19	55
62+00.00000	0	2657	0	9+50.000000	395	1201	0	43+00.00000	4	146	0				
62+50.00000	0	2334	0	10+00.000000	246	1375	0	43+50.00000	6	168	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>
63+00.00000	8	1750	0	10+50.000000	181	1419	0	44+00.00000	7	196	0				
63+50.00000	31	1375	0	11+00.000000	208	1461	0	44+50.00000	9	269	0	<b>Y4DET</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
64+00.00000	72	1314	0	11+50.000000	234	1528	0	45+00.00000	10	324	0	34+60.97000	0	0	0
64+50.00000	125	1047	0	12+00.000000	141	1639	0	45+50.00000	13	326	0	35+00.00000	15	20	0
65+00.00000	164	934	0	12+50.000000	29	1640	0	46+00.00000	11	350	0	35+50.00000	40	35	0
65+50.00000	187	1043	0	13+00.000000	0	1618	0	46+50.00000	7	385	0	36+00.00000	39	41	0
66+00.00000	99	1146	0	13+50.000000	0	1721	0	47+00.00000	9	399	0	36+50.00000	54	49	0
66+50.00000	0	968	0	14+00.000000	0	1816	0	47+50.00000	12	404	0	37+00.00000	68	77	0
67+00.00000	0	675	0	14+50.000000	0	1935	0	48+00.00000	12	399	0	37+50.00000	56	102	0
				15+00.000000	0	2033	0	48+50.00000	11	381	0	38+00.00000	45	141	0
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>					49+00.00000	13	362	0	38+50.00000	44	185	0
<b>RP2AC</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>	49+50.00000	18	337	0	39+00.00000	30	215	0
67+00.00000	0	0	0	<b>DR1</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	50+00.00000	23	289	0	39+50.00000	12	242	0
67+50.00000	0	636	0	10+00.000000	0	0	0	50+50.00000	38	264	0	40+00.00000	7	252	0
68+00.00000	0	1005	0	10+50.000000	23	11	0	51+00.00000	45	277	0	40+50.00000	2	251	0
68+50.00000	0	1490	0	11+00.000000	43	14	0	51+50.00000	37	298	0	41+00.00000	0	222	0
69+00.00000	0	1761	0	11+50.000000	52	19	0	52+00.00000	36	327	0	41+50.00000	0	194	0
69+50.00000	0	1834	0	12+00.000000	44	47	0	52+50.00000	33	427	0	42+00.00000	0	206	0
70+00.00000	0	1813	0	12+50.000000	66	37	0	53+00.00000	15	687	0	42+50.00000	0	218	0
70+50.00000	0	1423	0	13+00.000000	114	77	0	53+50.00000	9	739	0	43+00.00000	0	207	0
71+00.00000	0	977	0	13+50.000000	81	71	0	54+00.00000	19	593	0	43+50.00000	0	187	0
71+50.00000	0	1053	0	13+78.960000	17	0	0	54+50.00000	25	525	0	44+00.00000	0	205	0
72+00.00000	0	1156	0					55+00.00000	44	426	0	44+50.00000	0	250	0
72+50.00000	0	1087	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>	55+50.00000	64	347	0	45+00.00000	0	285	0
73+00.00000	0	1175	0					56+00.00000	70	319	0	45+50.00000	0	329	0
73+50.00000	0	1480	0	<b>G12</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	56+50.00000	70	301	0	46+00.00000	0	375	0
74+00.00000	0	1862	0	11+00.000000	0	0	0	57+00.00000	63	295	0	46+50.00000	0	406	0
74+50.00000	0	2226	0	11+50.000000	0	180	0	57+50.00000	52	307	0	47+00.00000	0	417	0
75+00.00000	0	2477	0	12+00.000000	0	79	0	58+00.00000	43	306	0	47+50.00000	0	426	0
75+50.00000	0	2616	0	12+50.000000	0	42	0	58+50.00000	48	269	0	48+00.00000	0	421	0
76+00.00000	0	2504	0	13+00.000000	0	114	0	59+00.00000	66	213	0	48+50.00000	0	376	0
76+50.00000	0	2239	0	13+47.000000	0	89	0	59+50.00000	68	182	0	49+00.00000	0	269	0
77+00.00000	0	2138	0					60+00.00000	52	194	0	49+50.00000	0	162	0
77+50.00000	0	2142	0					60+50.00000	35	229	0	50+00.00000	0	208	0
78+00.00000	0	2105	0					61+00.00000	25	248	0	50+50.00000	0	387	0
78+50.00000	0	1986	0					61+50.00000	26	232	0	51+00.00000	0	539	0
79+00.00000	0	1854	0					62+00.00000	33	197	0	51+50.00000	0	682	0
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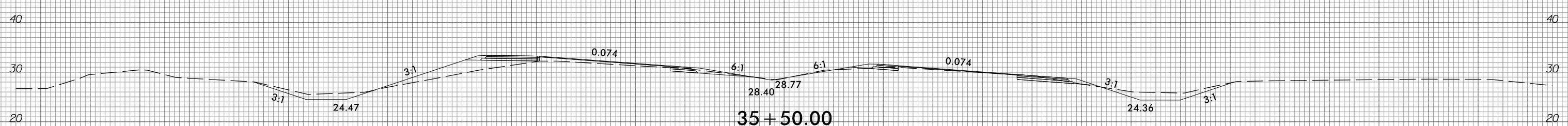
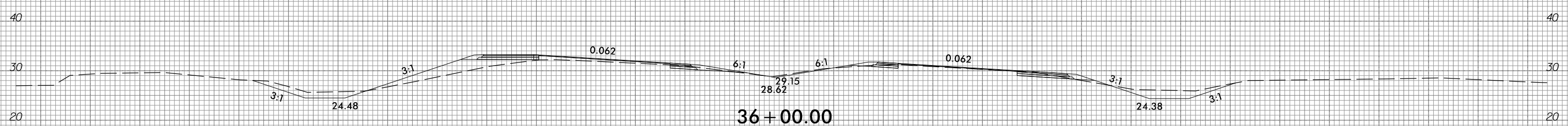
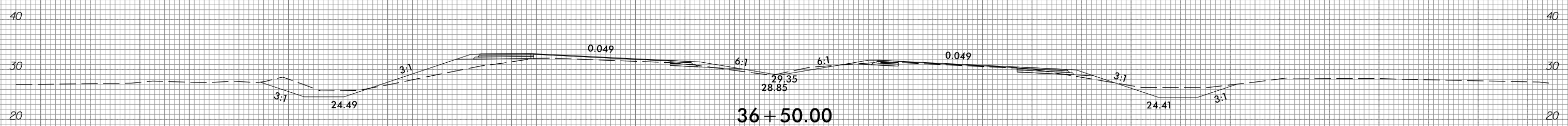
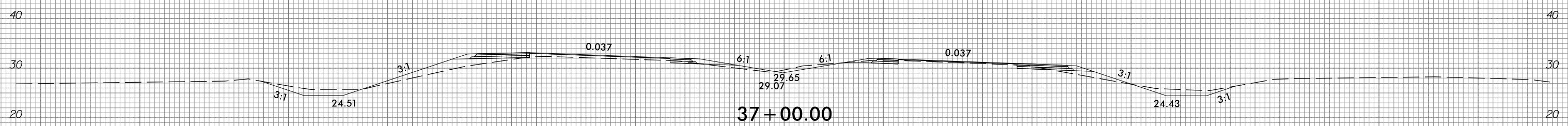
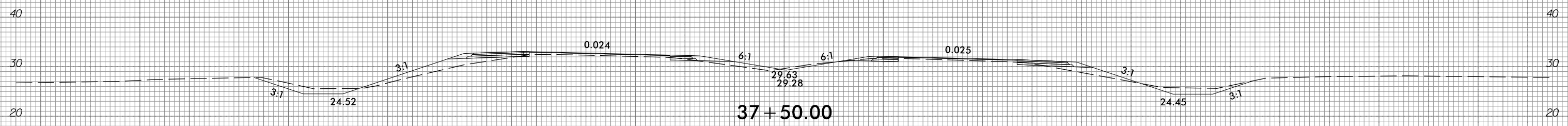
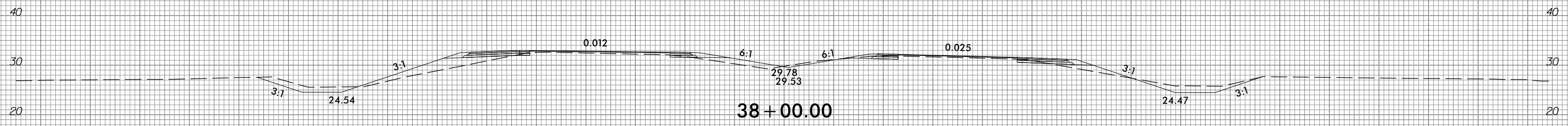
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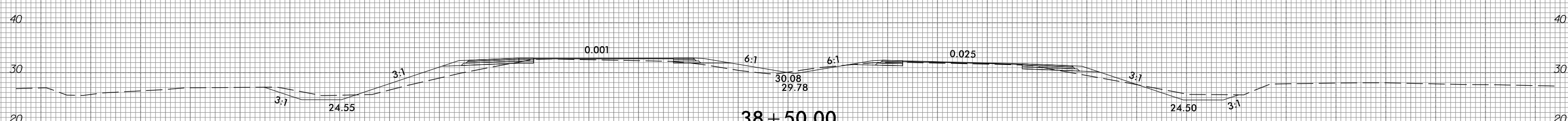
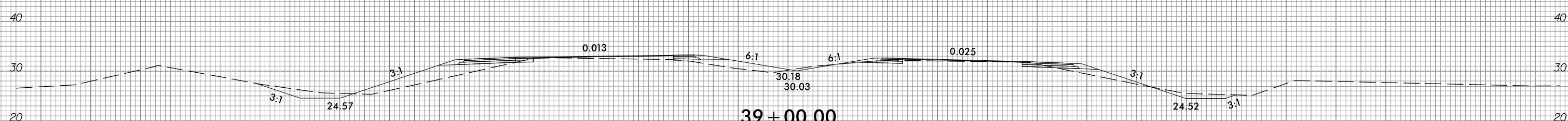
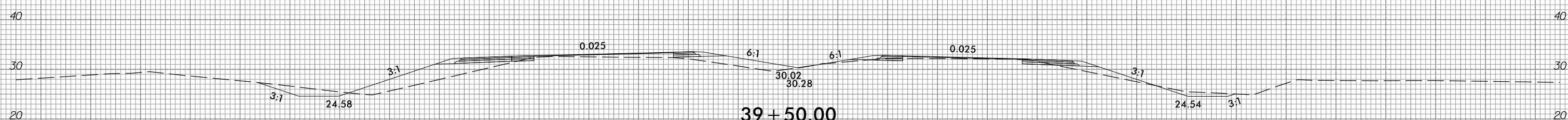
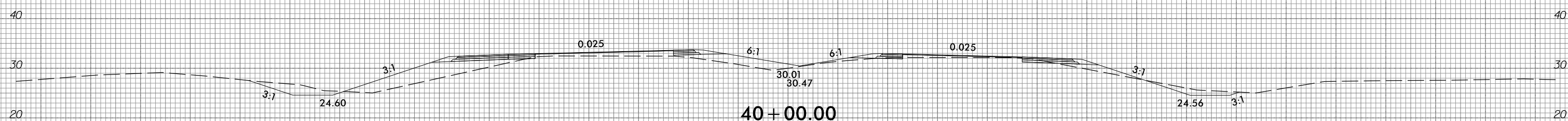
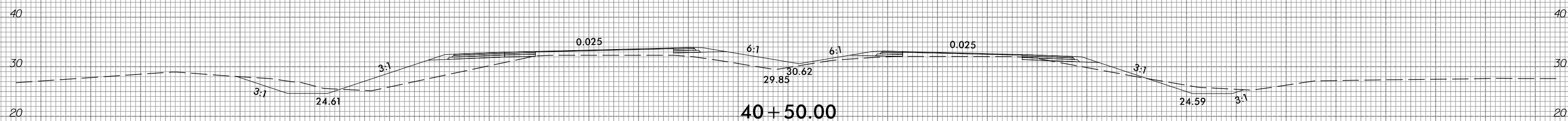
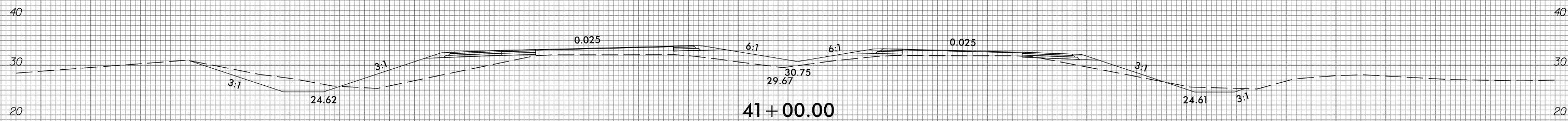
6/23/16



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R-1015

SHEET NO.  
X-3

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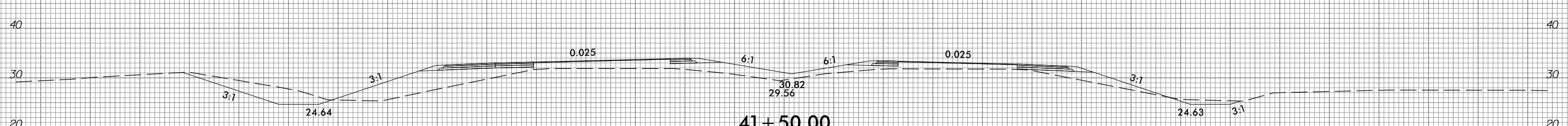
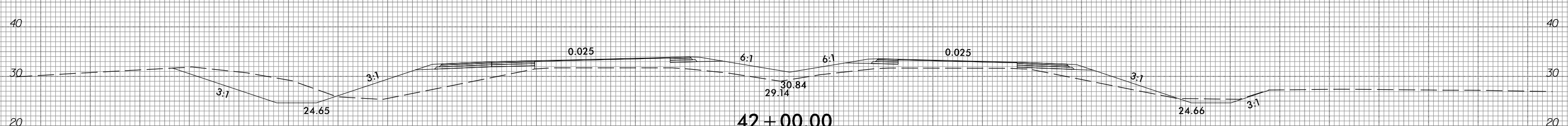
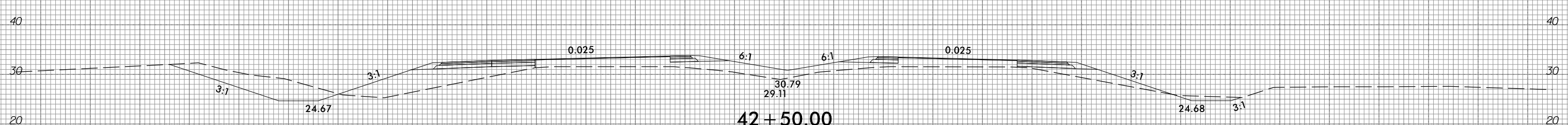
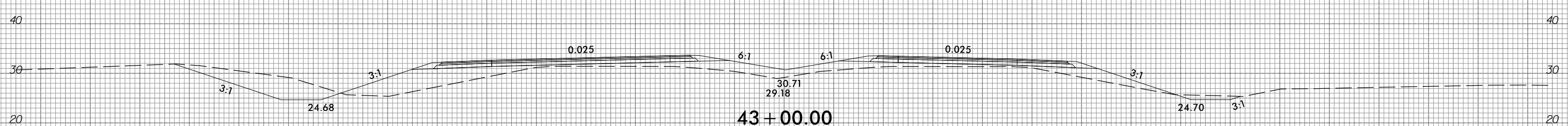
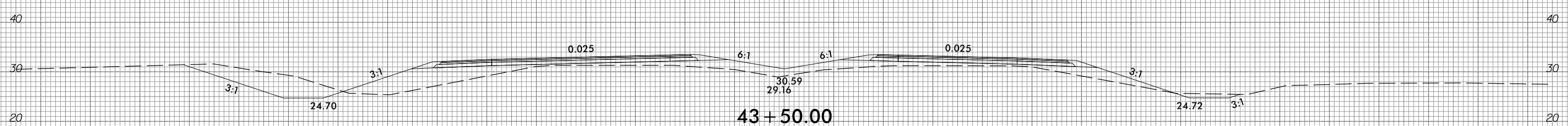
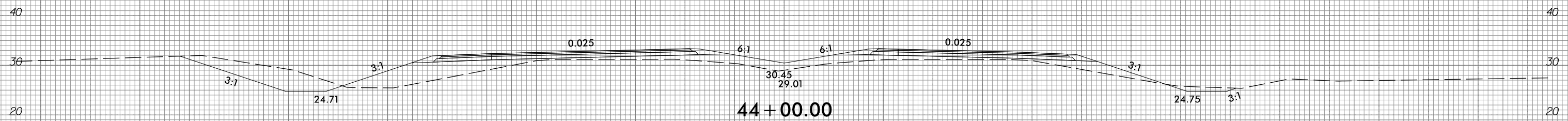
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PROJ. REFERENCE NO.
R-1015

SHEET NO.
X-4

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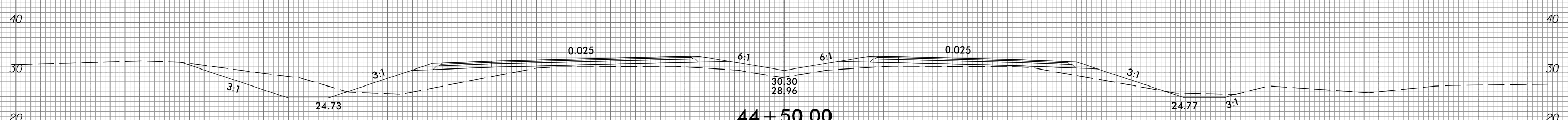
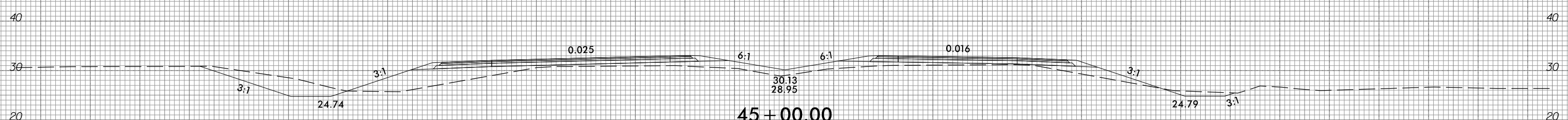
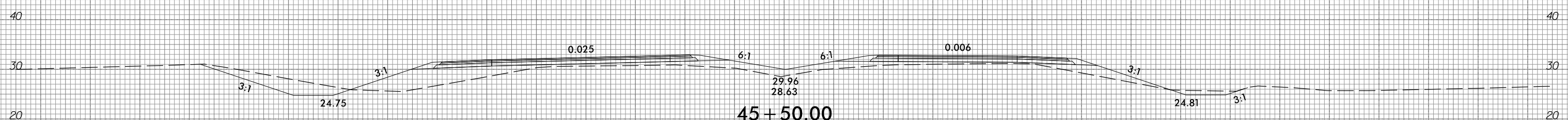
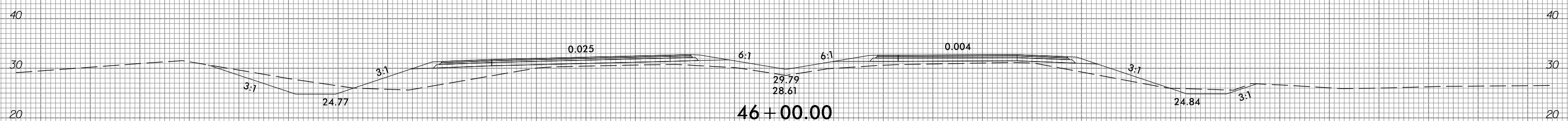
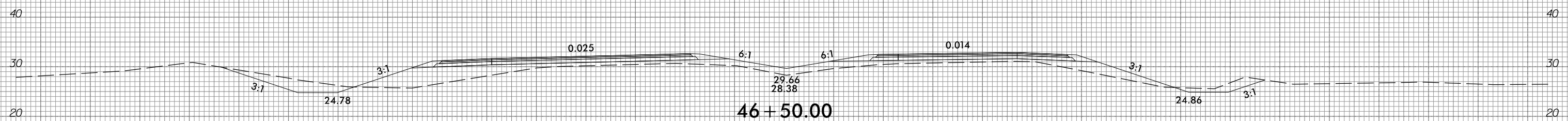
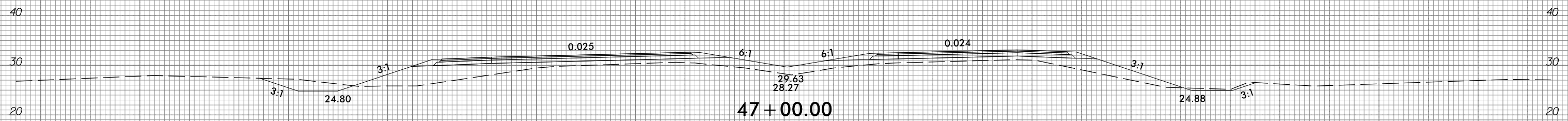
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-5

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

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gncdjin

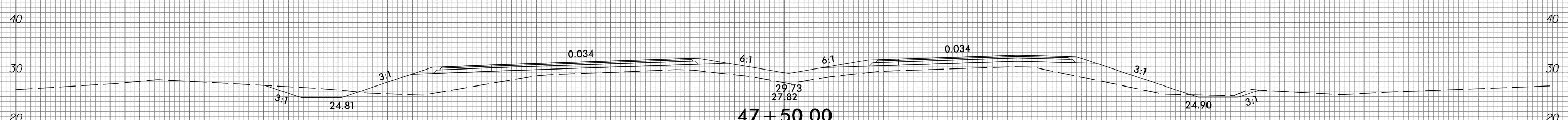
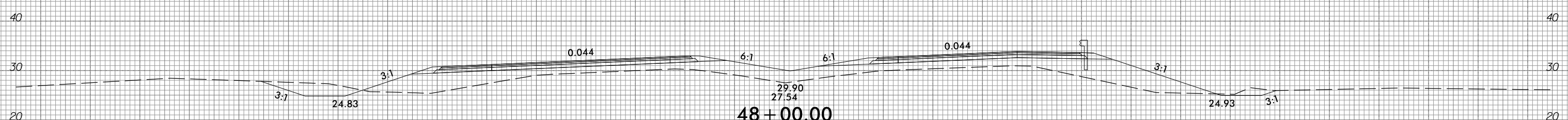
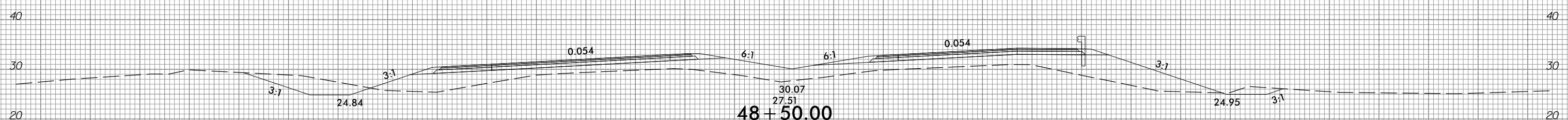
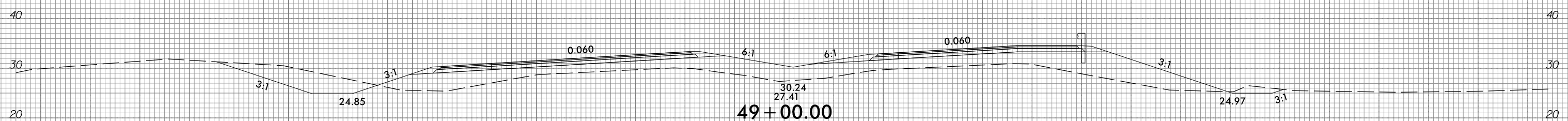
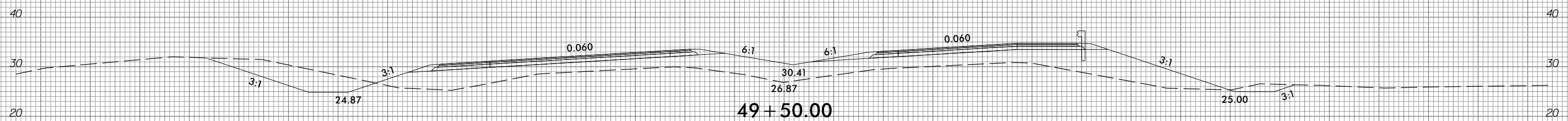
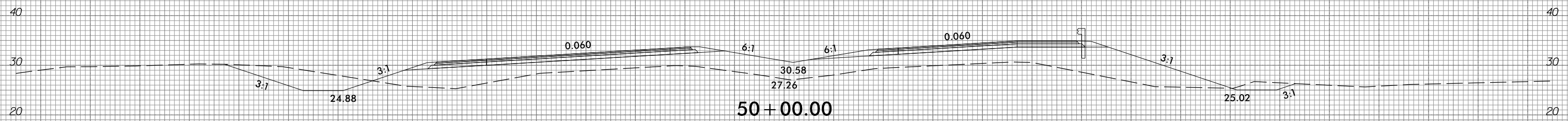
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-6

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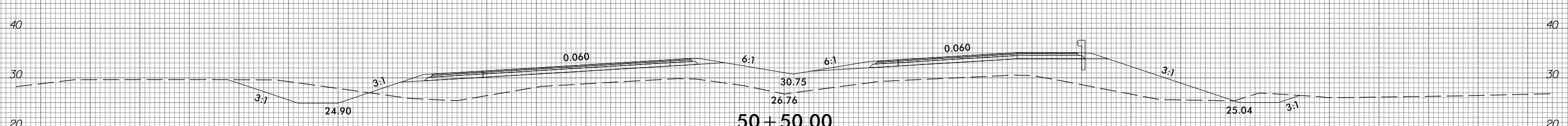
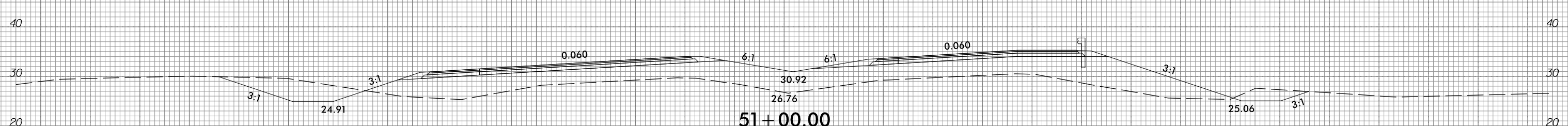
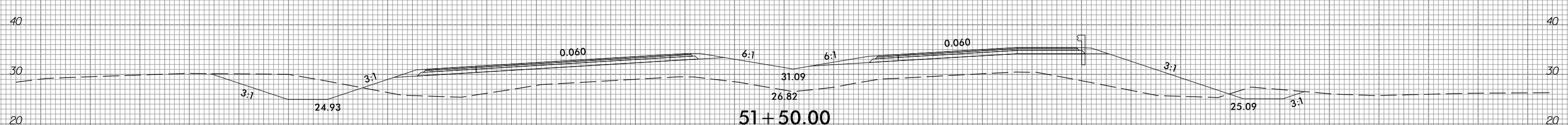
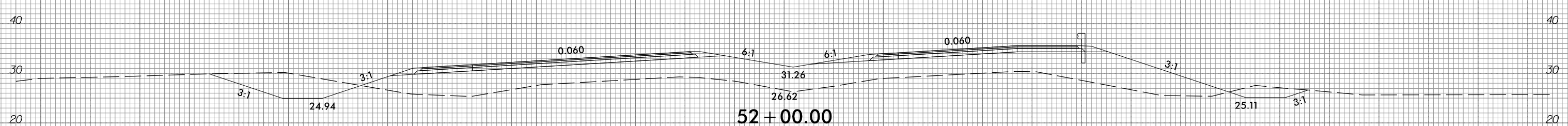
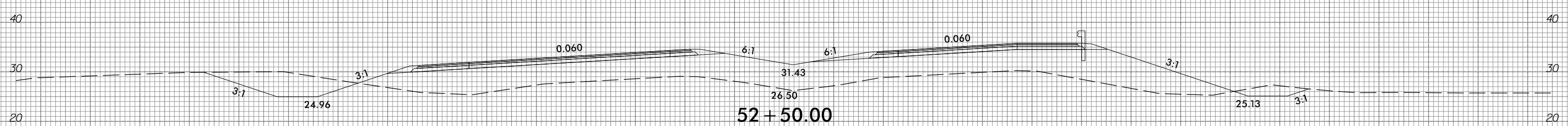
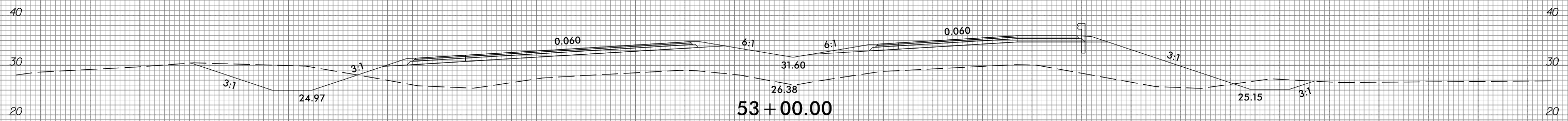
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-7

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

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gncdjin

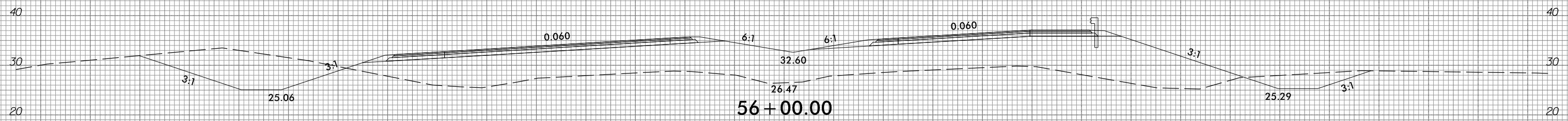
6/23/16



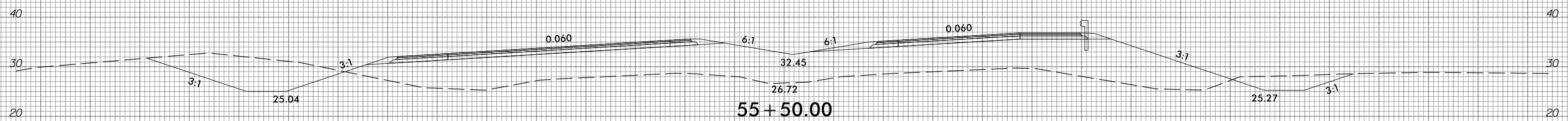
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-8

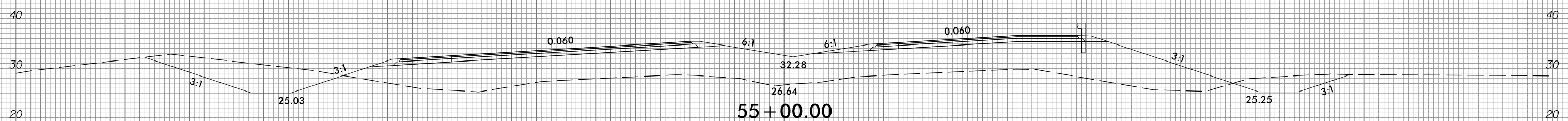
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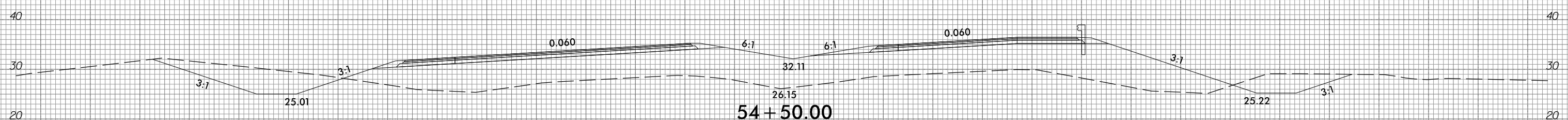
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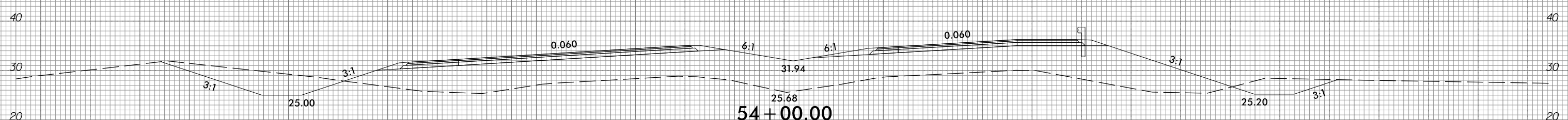
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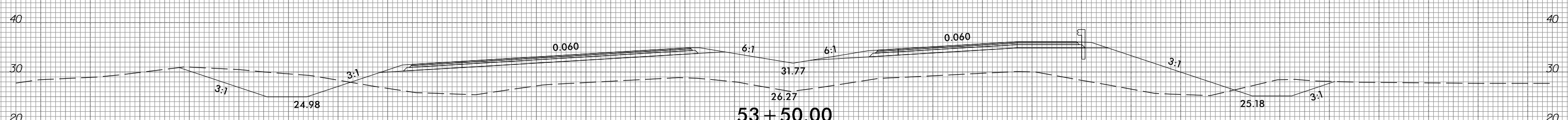
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54+50.00



54+00.00



53+50.00

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

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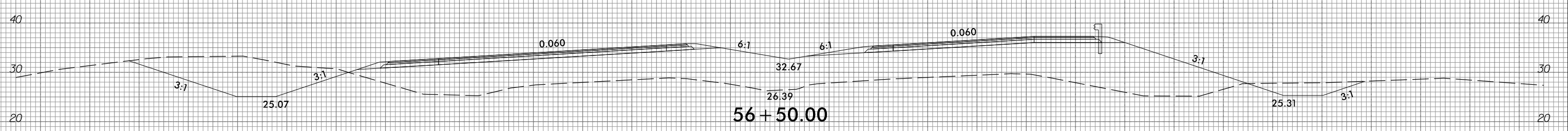
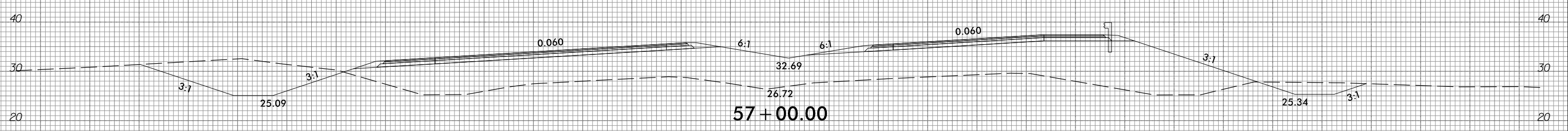
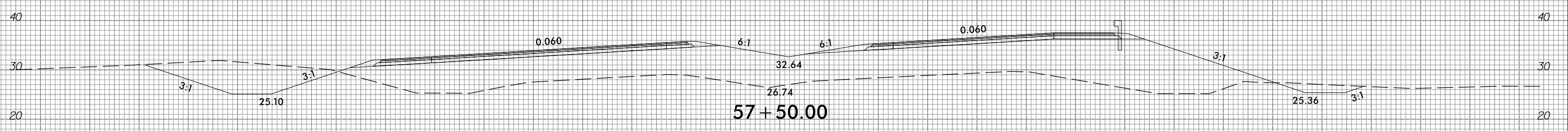
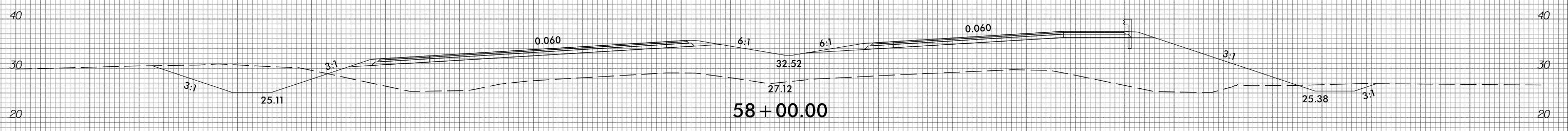
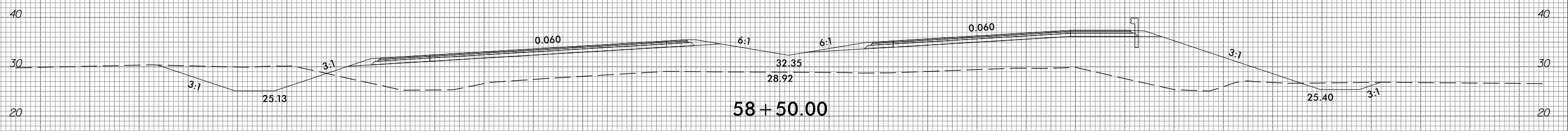
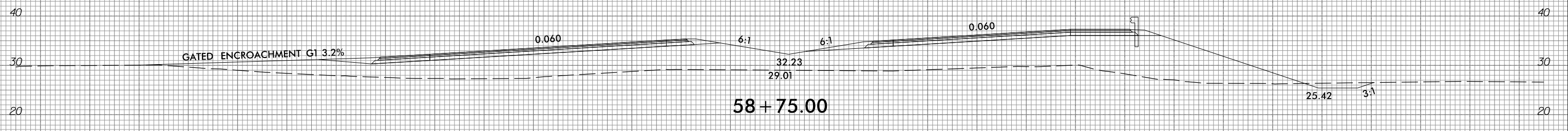
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-9

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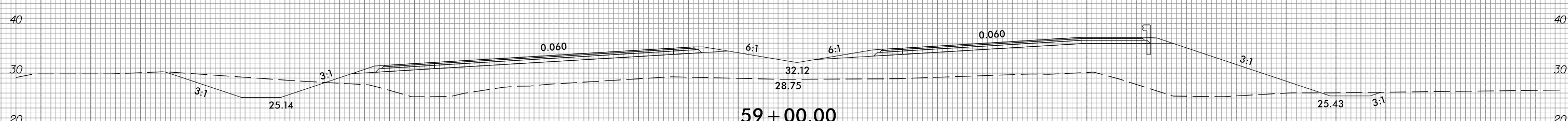
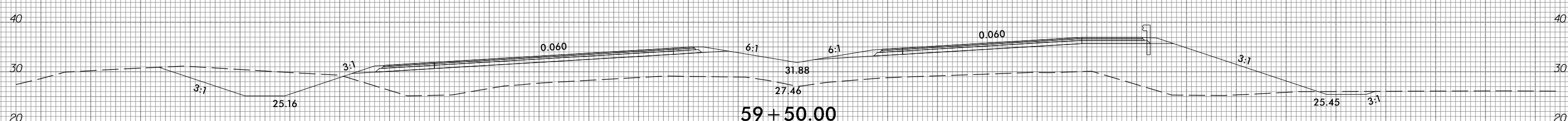
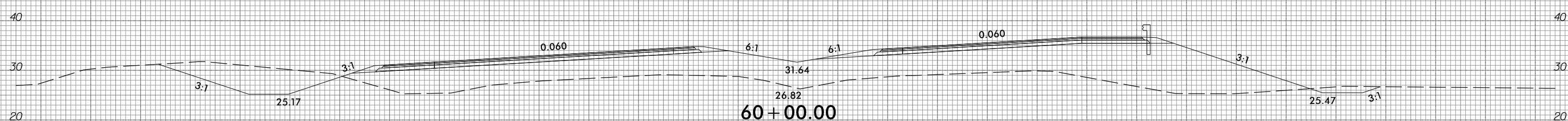
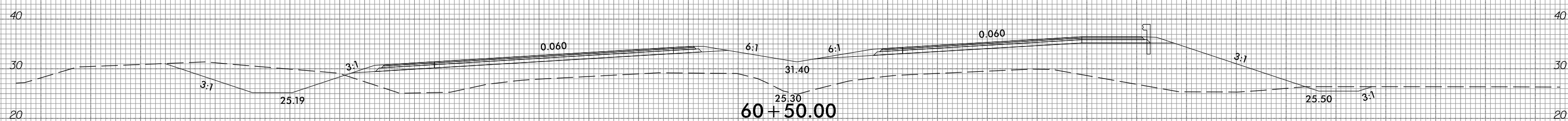
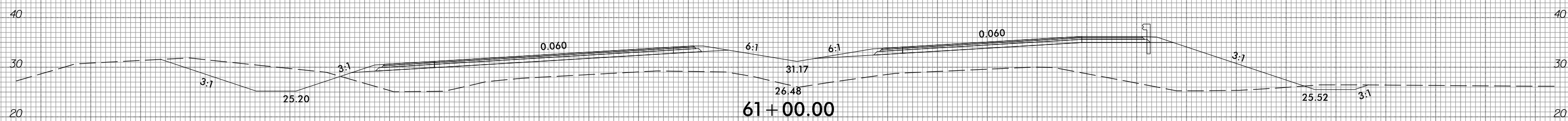
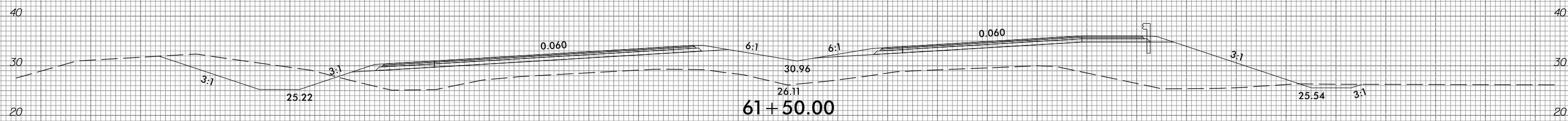
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-10

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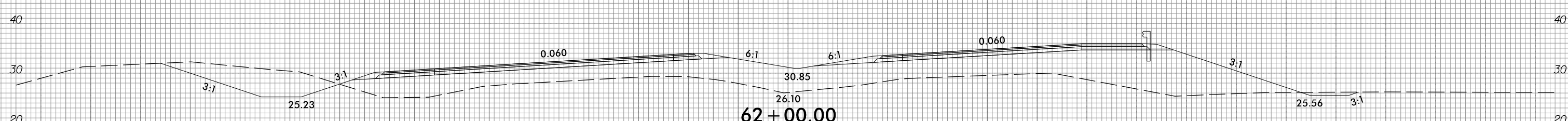
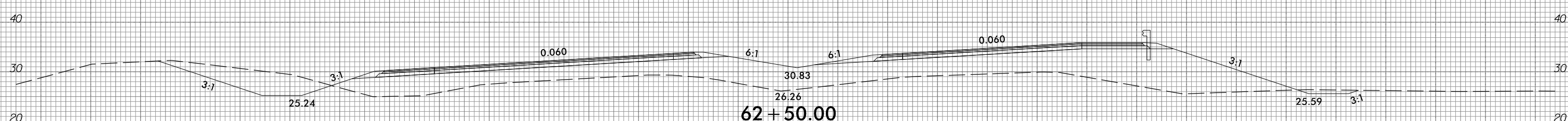
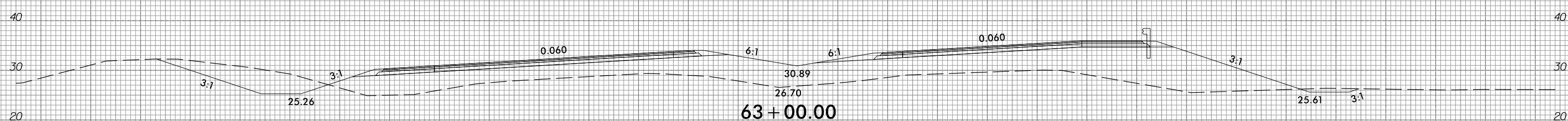
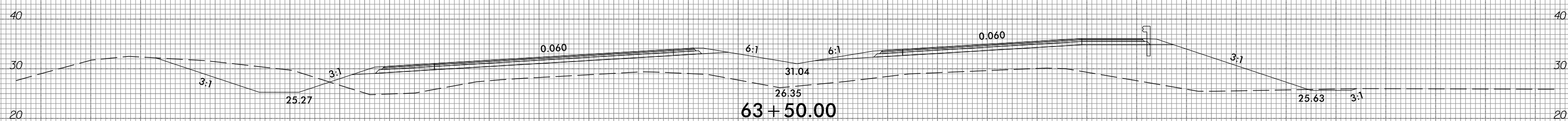
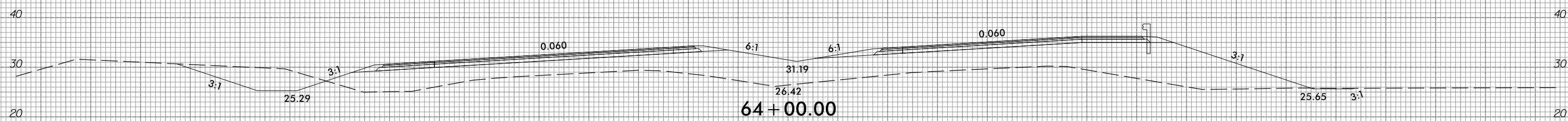
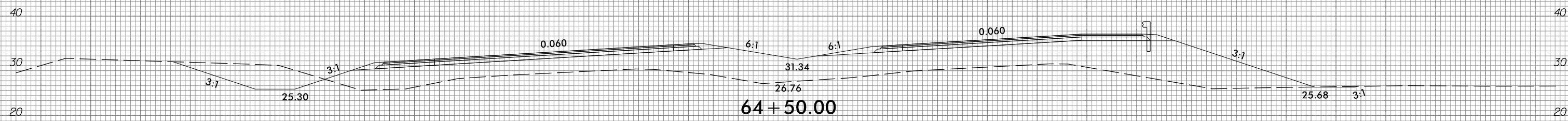


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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



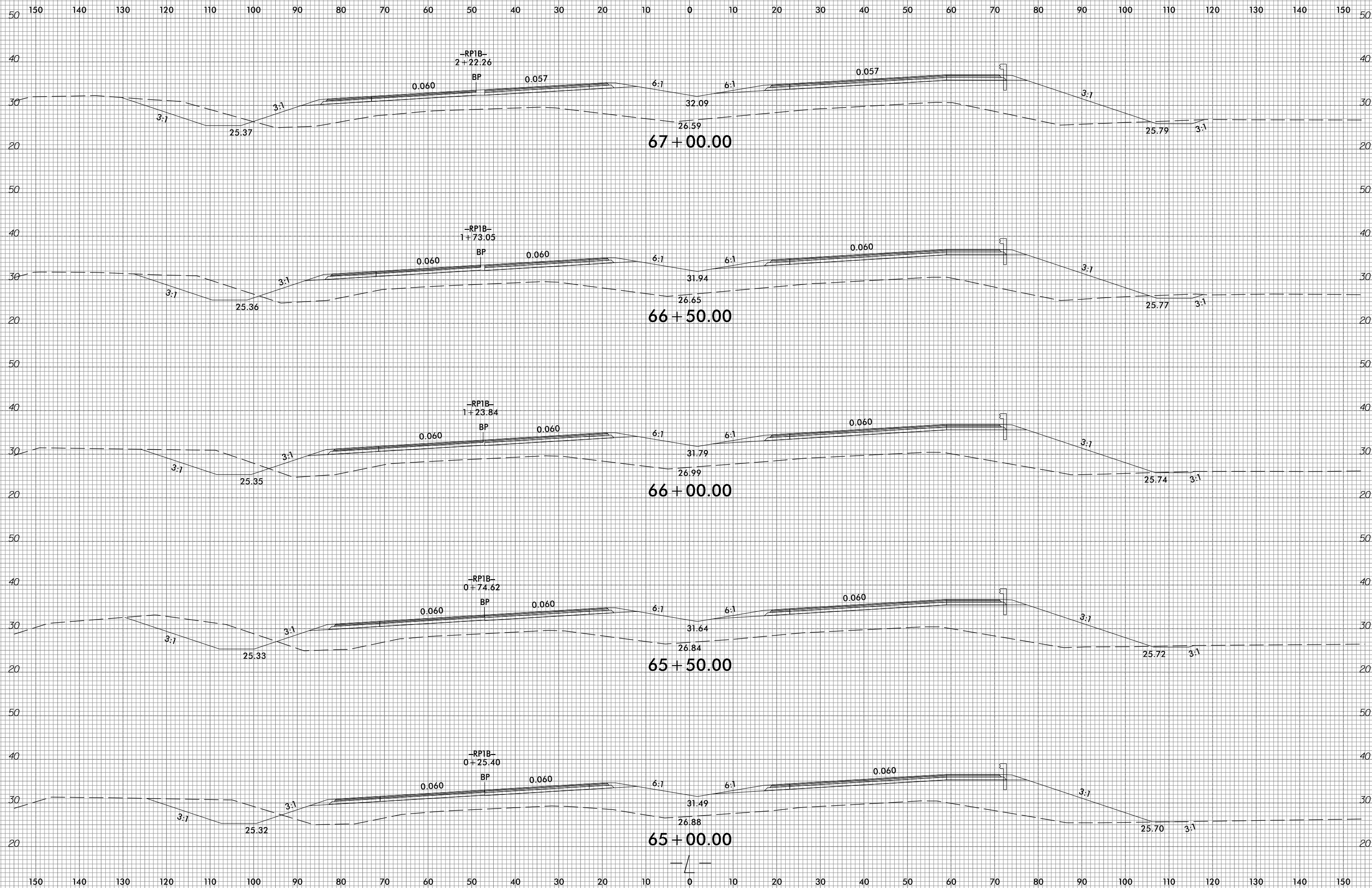


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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-12



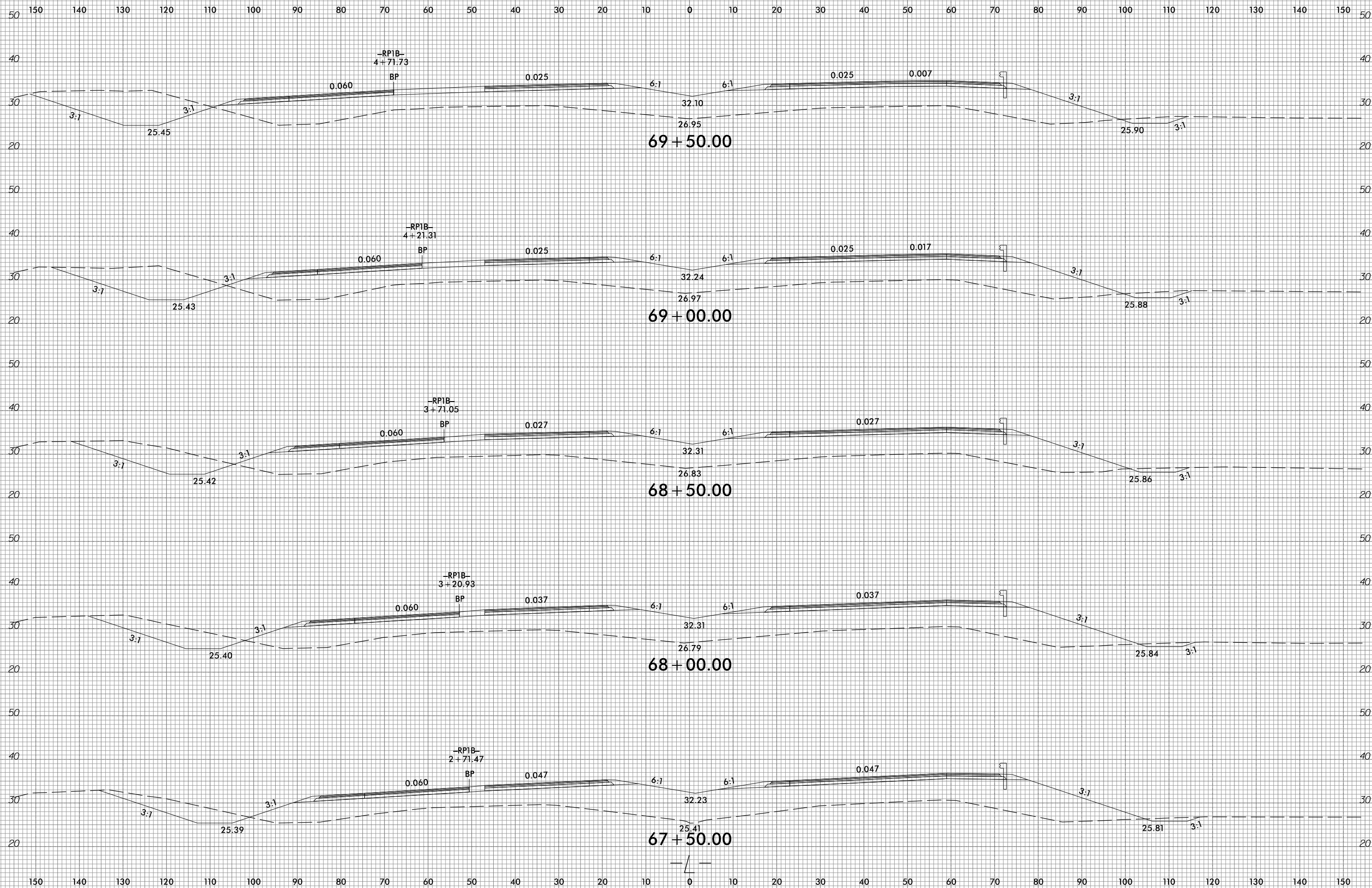
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-13



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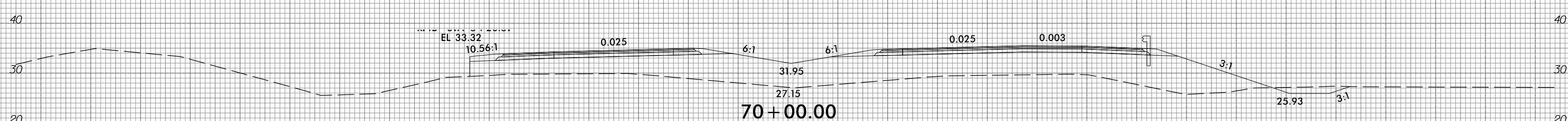
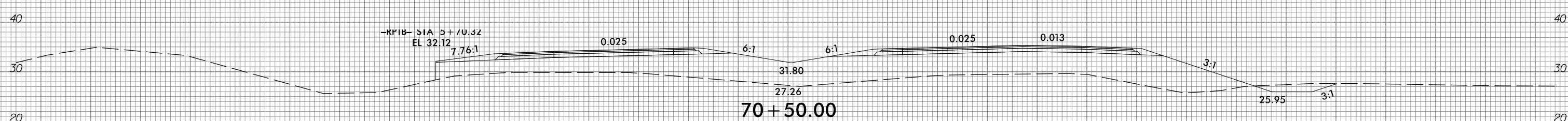
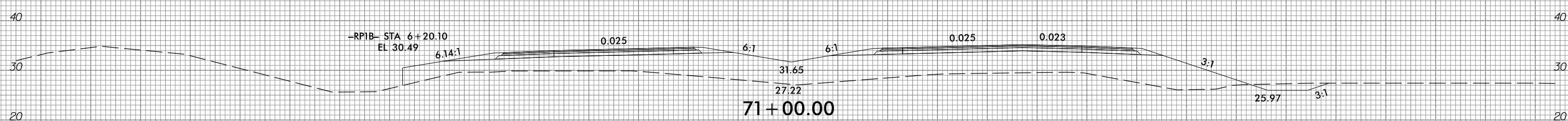
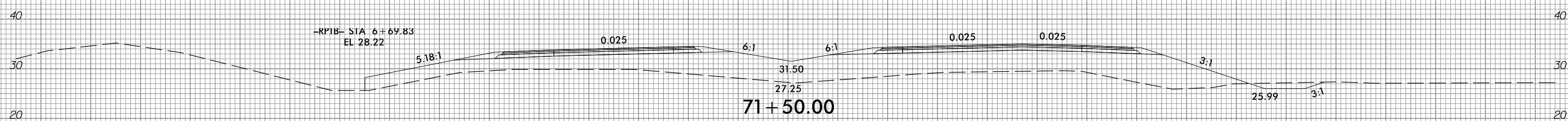
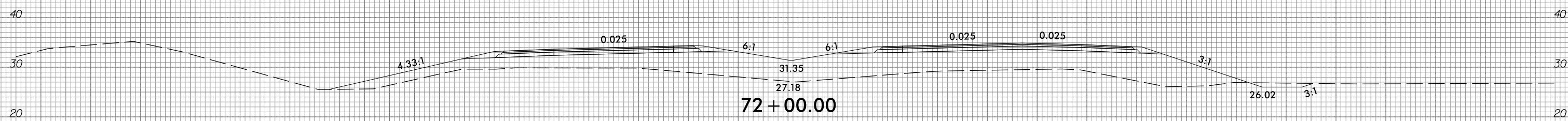
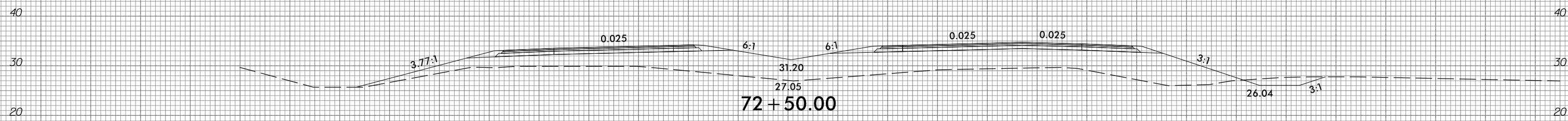
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-14

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gncdlin

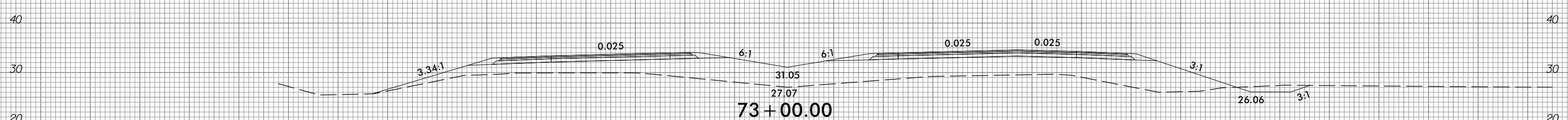
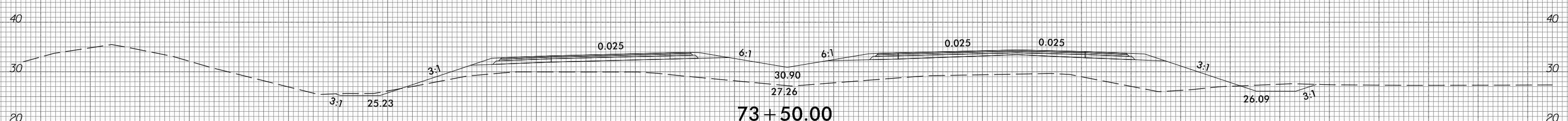
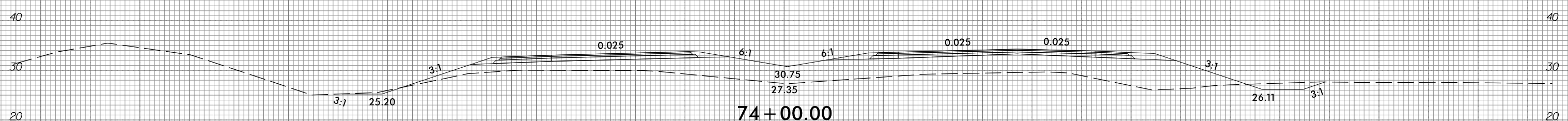
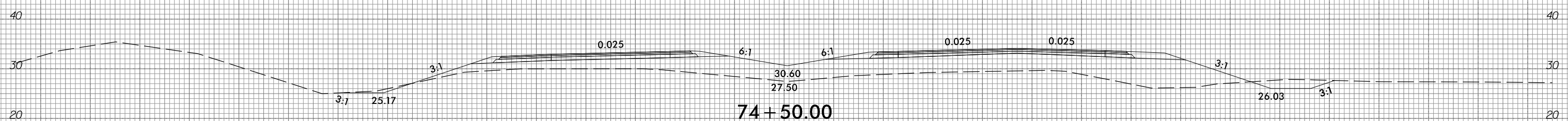
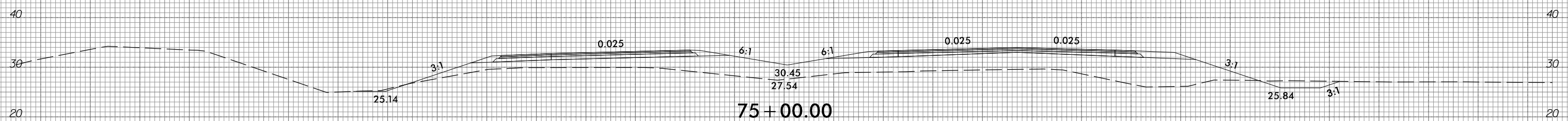
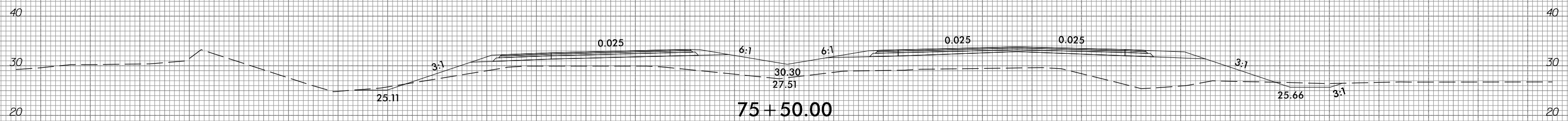
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-15

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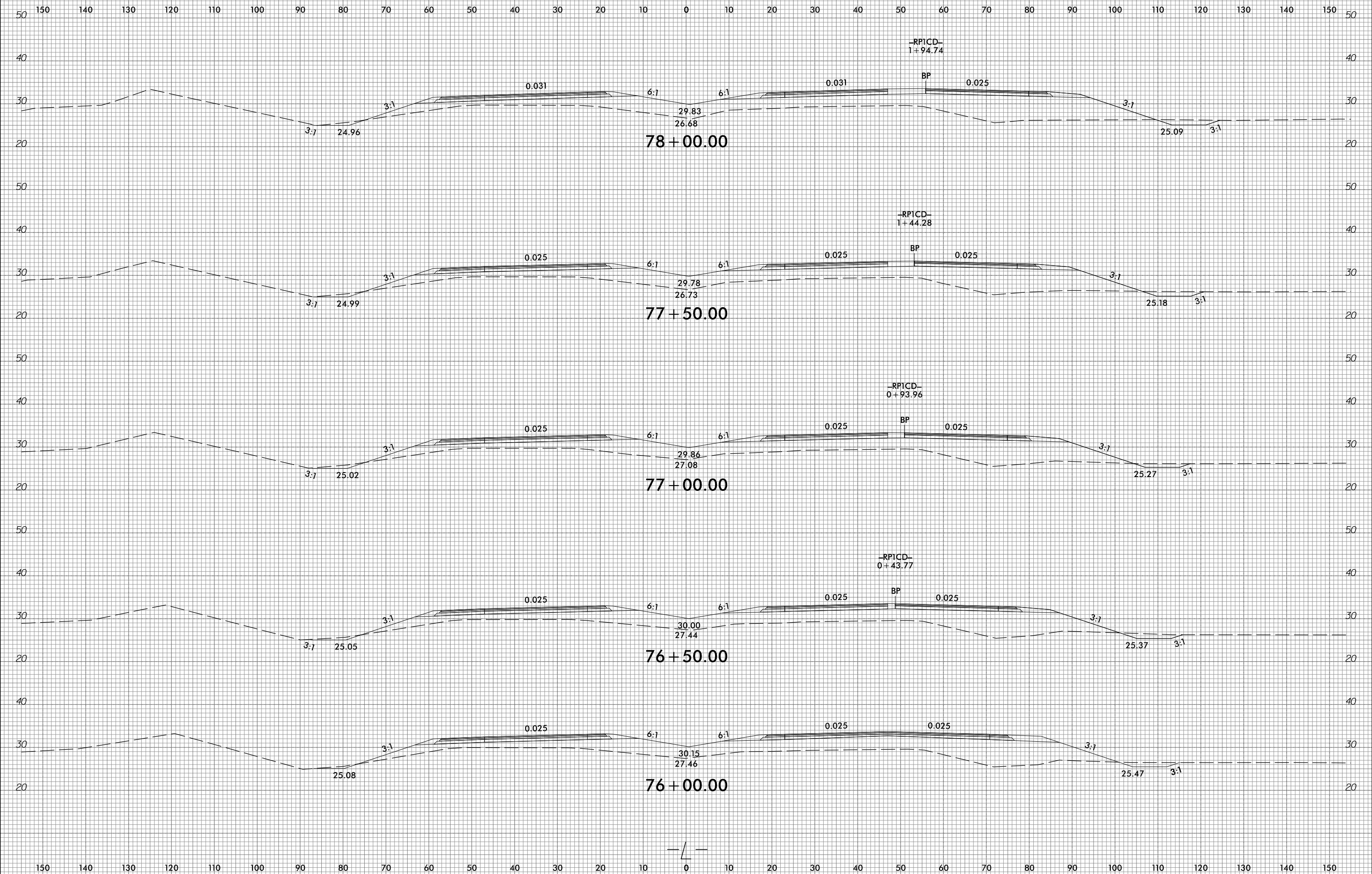
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-16



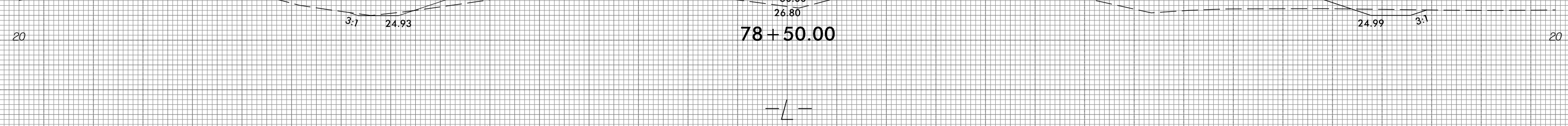
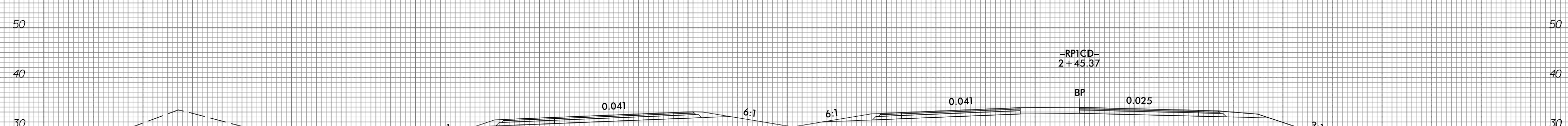
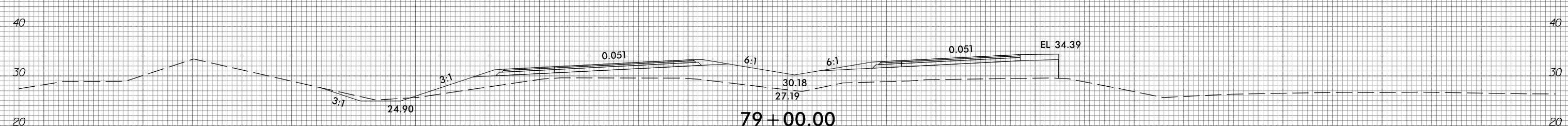
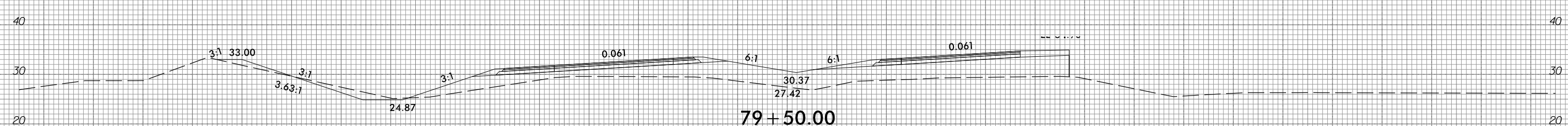
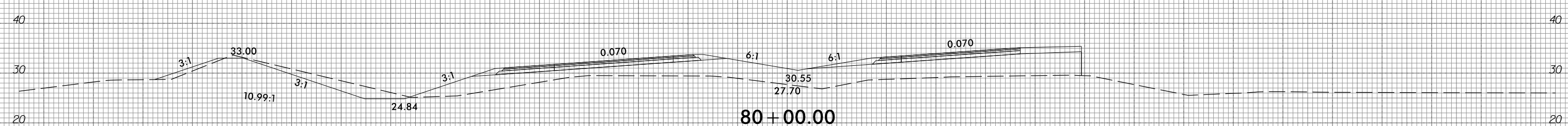
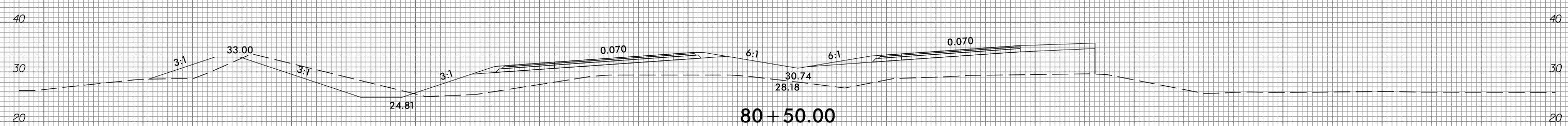
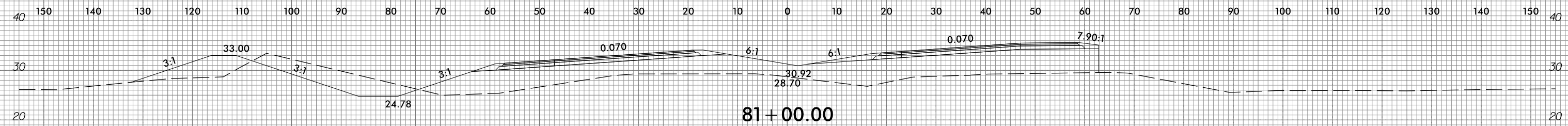
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PROJ. REFERENCE NO.  
R-1015

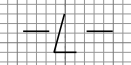
SHEET NO.  
X-17



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gncdjin

-RPICD-  
2 + 45.37

BP



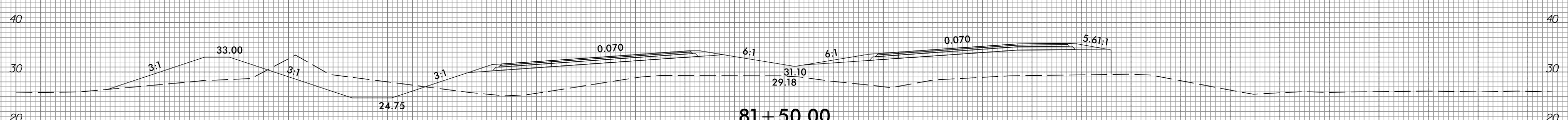
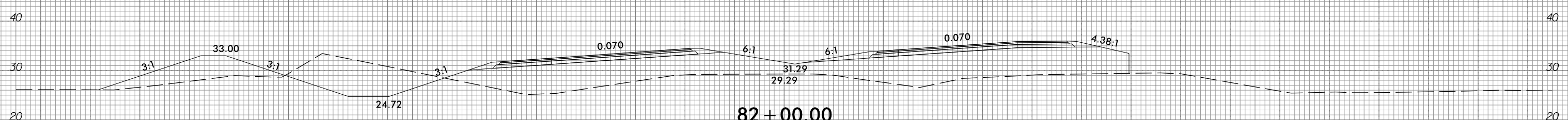
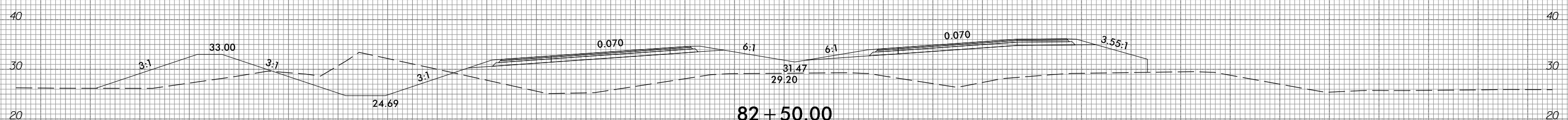
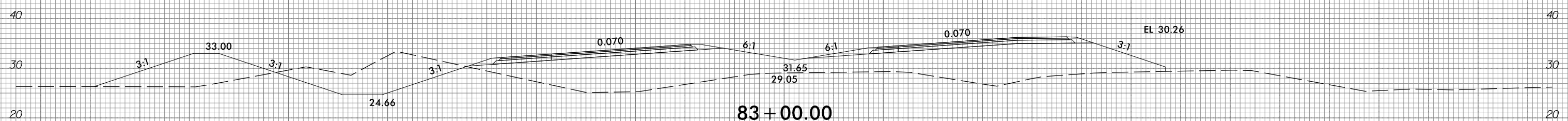
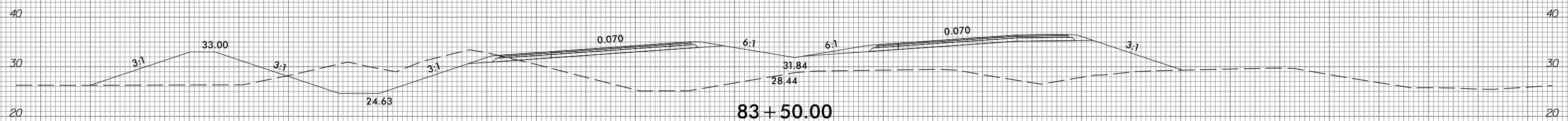
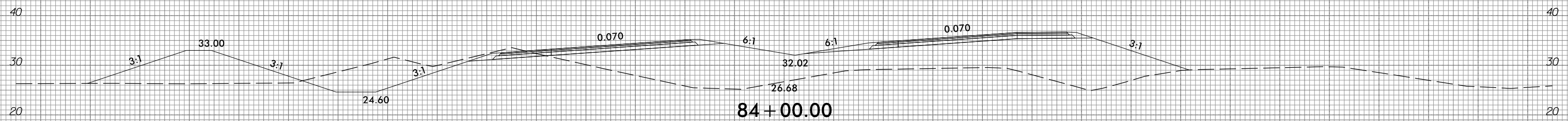
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-18

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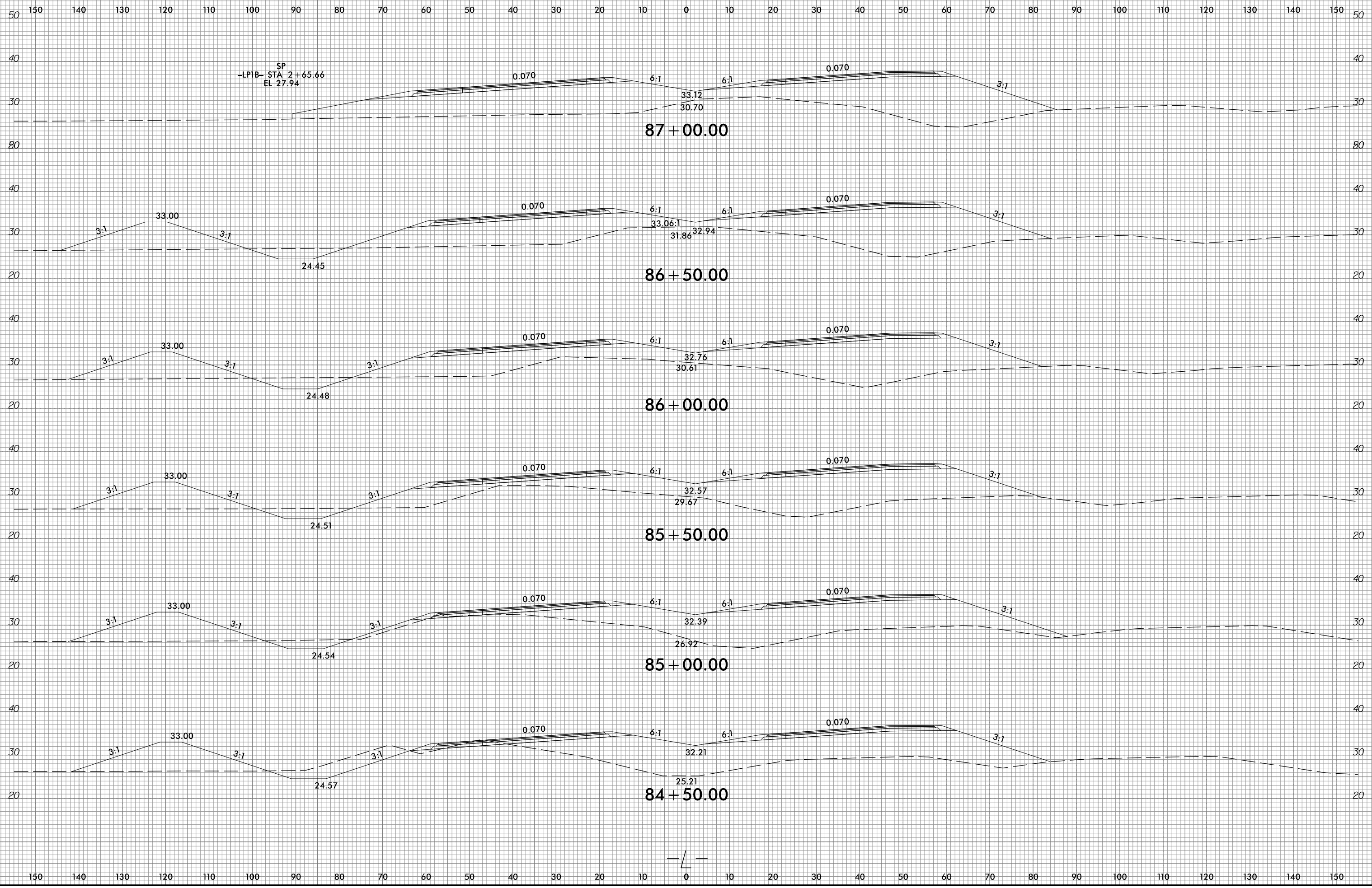
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-19



SP  
-LPIB- STA 2+65.66  
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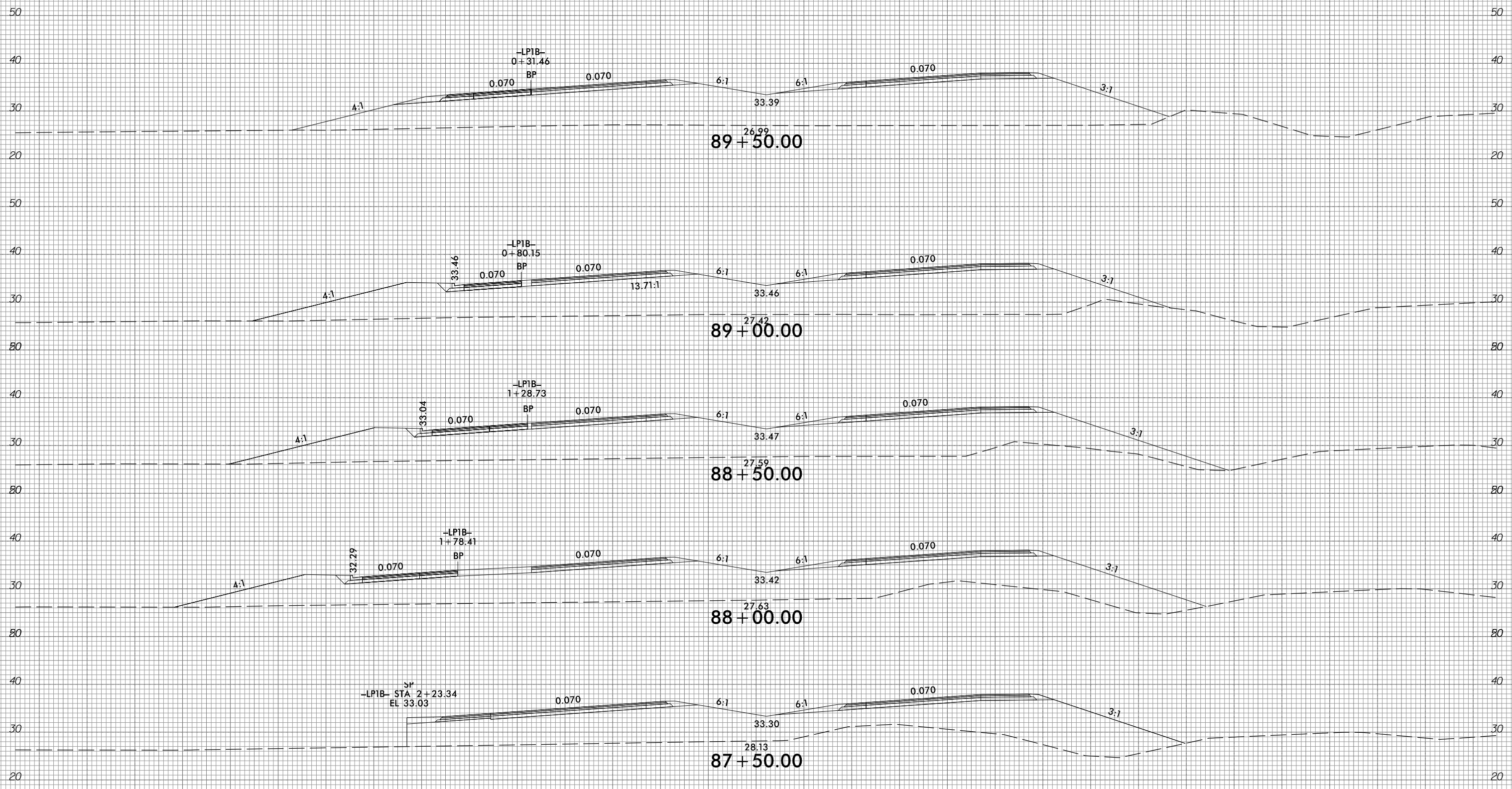
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-20

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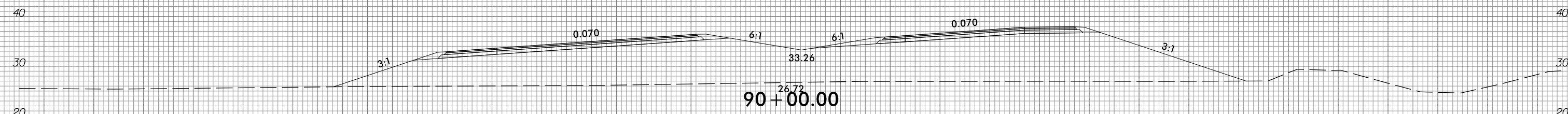
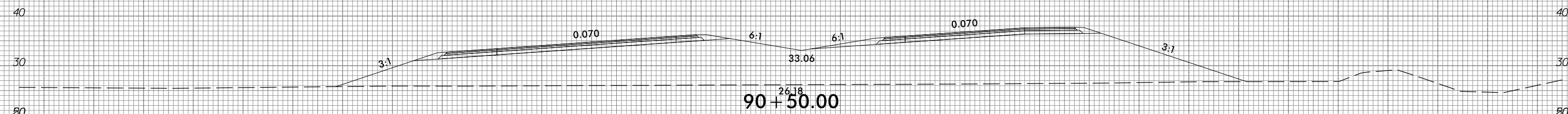
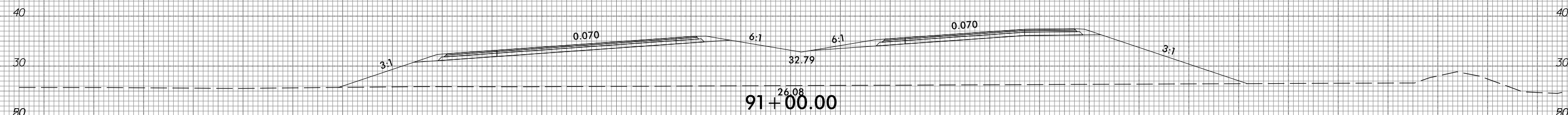
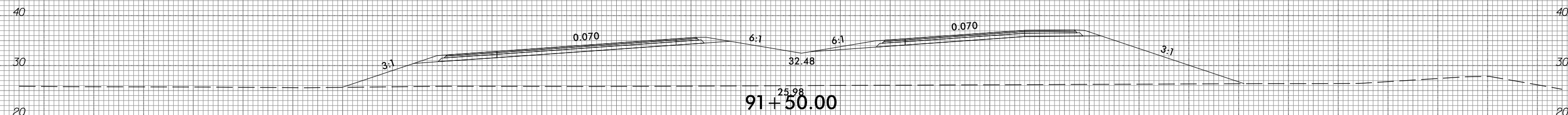
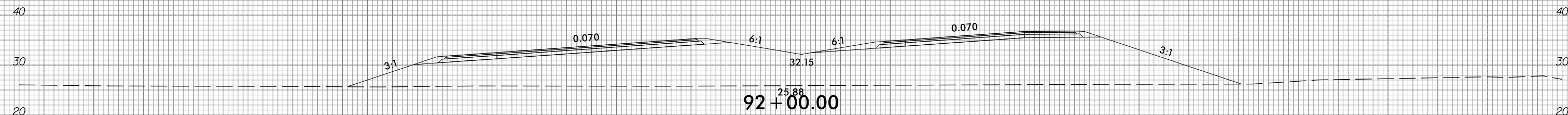
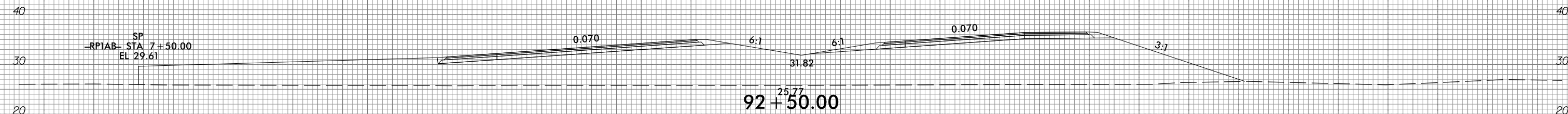
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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-RPIAB- STA 7+50.00  
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

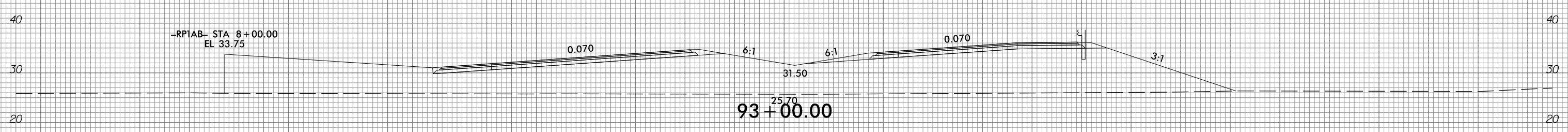
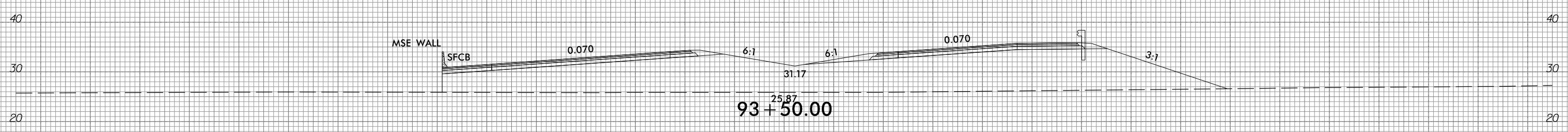
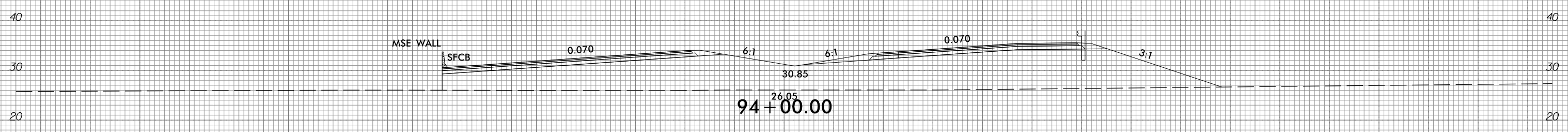
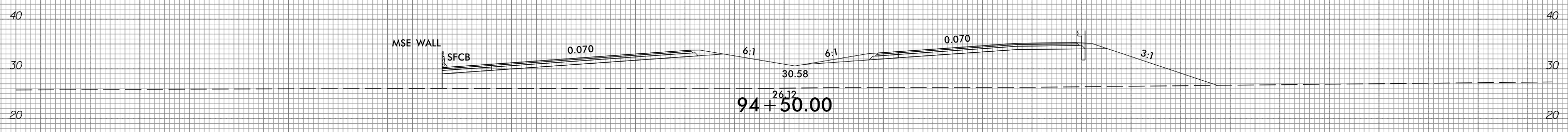
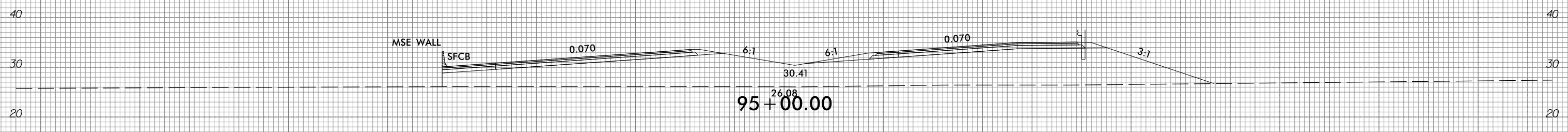
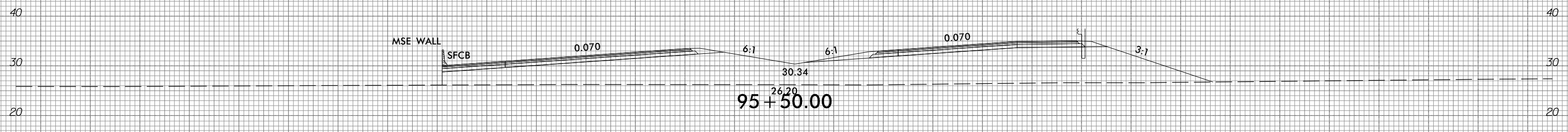
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-22

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

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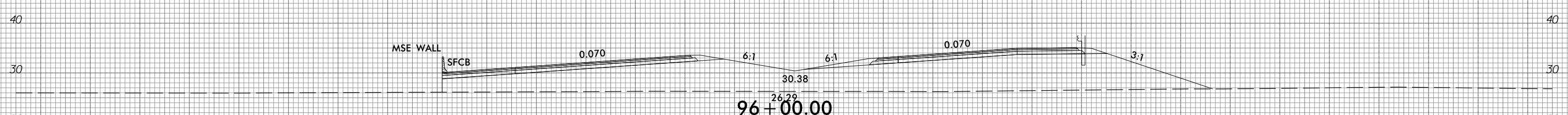
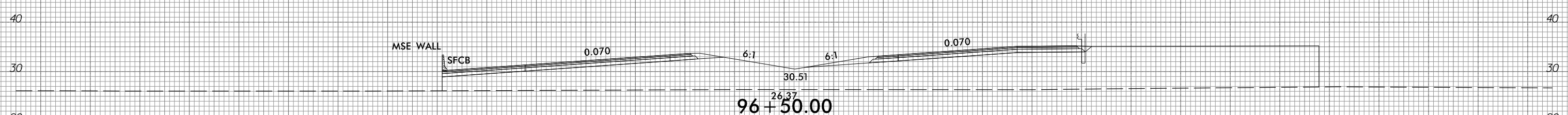
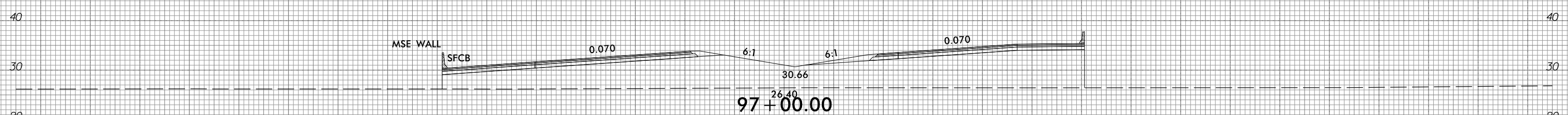
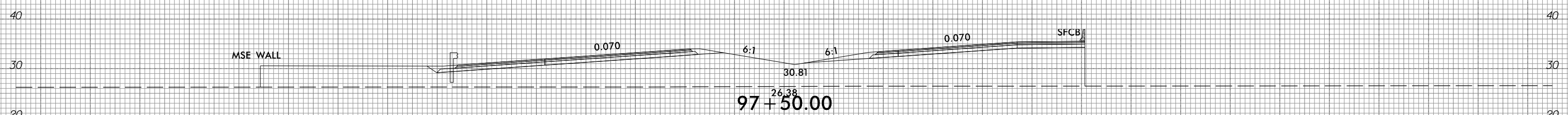
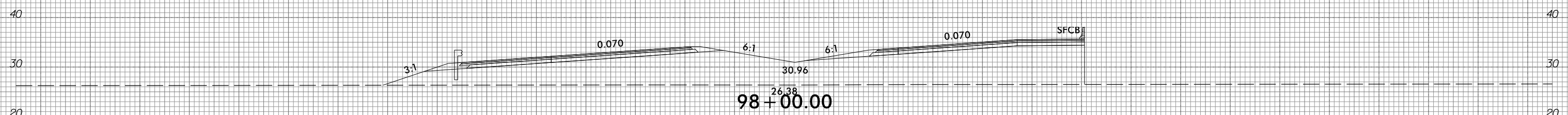
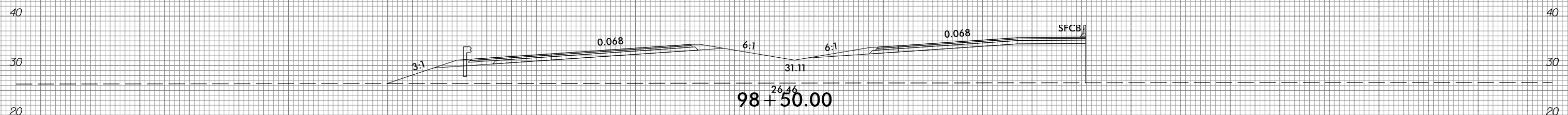
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-23

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

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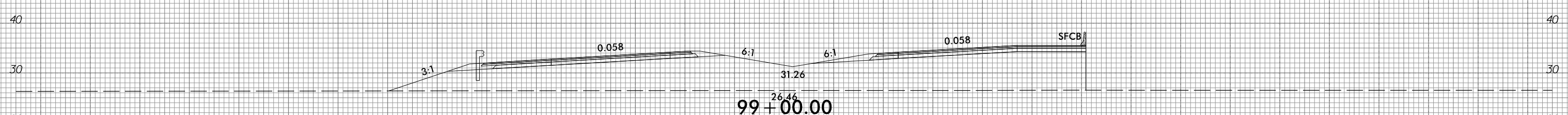
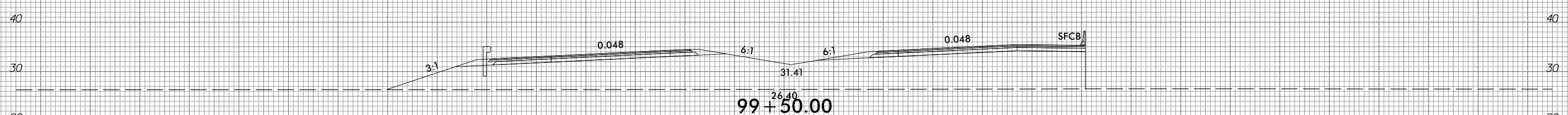
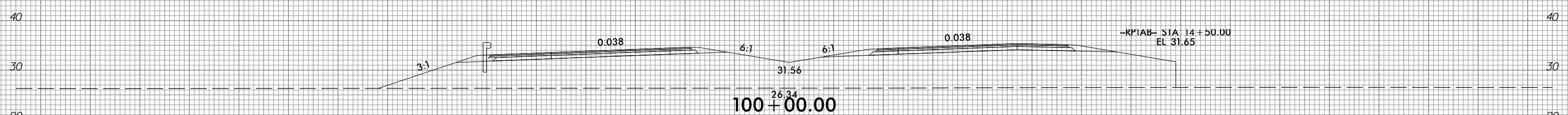
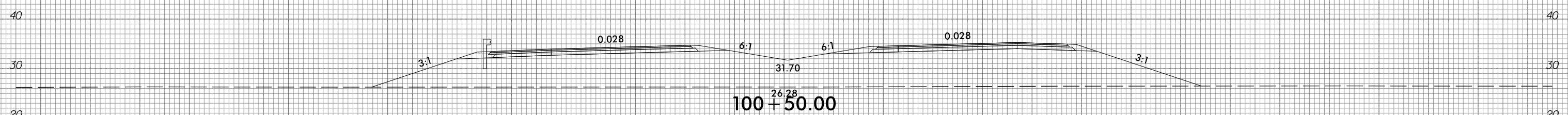
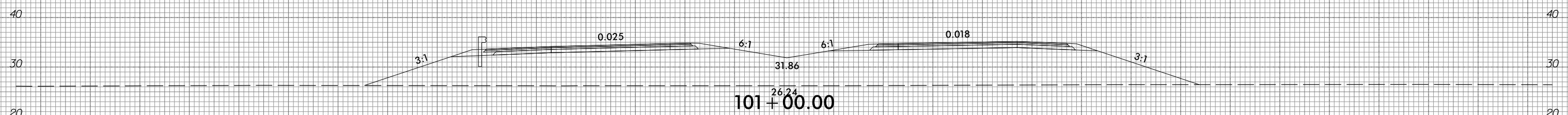
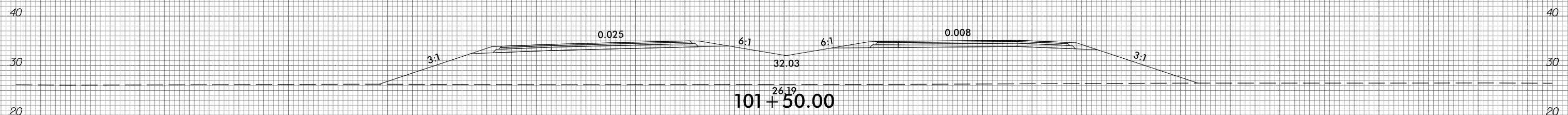
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-24

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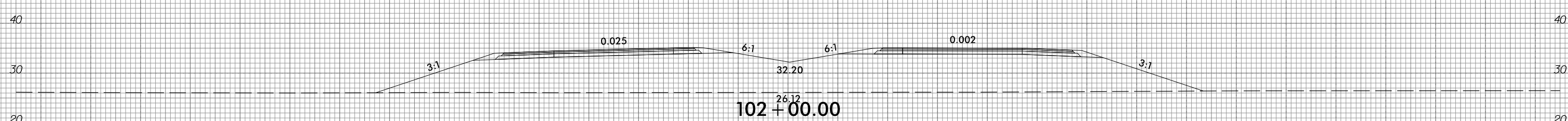
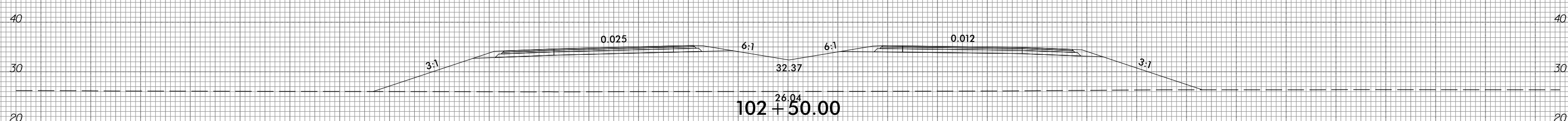
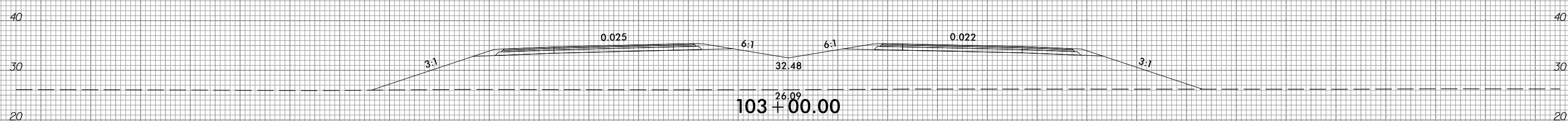
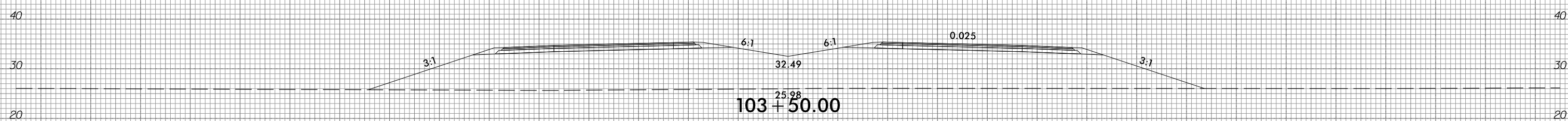
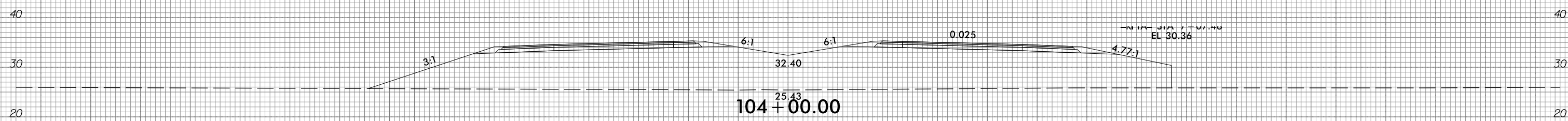
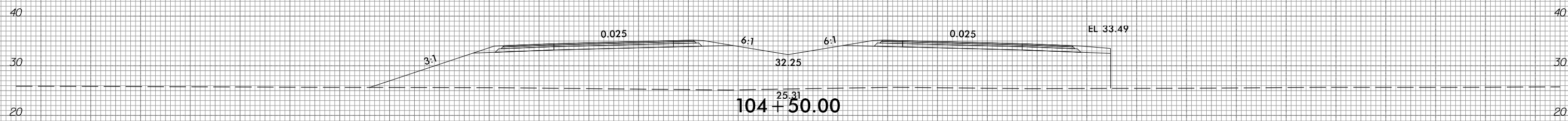
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-25

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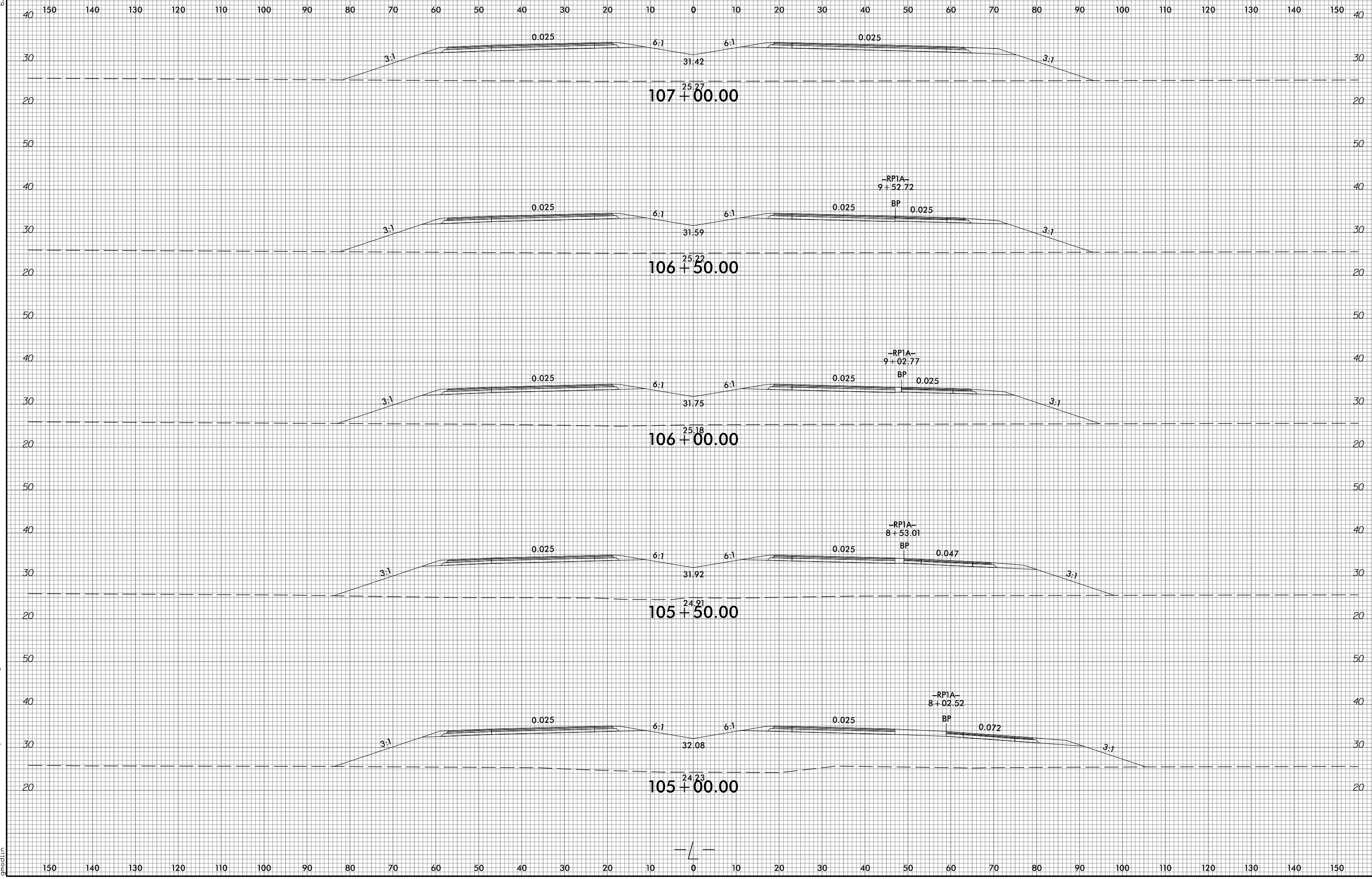
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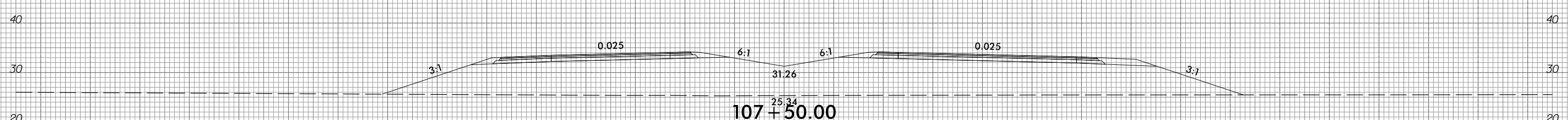
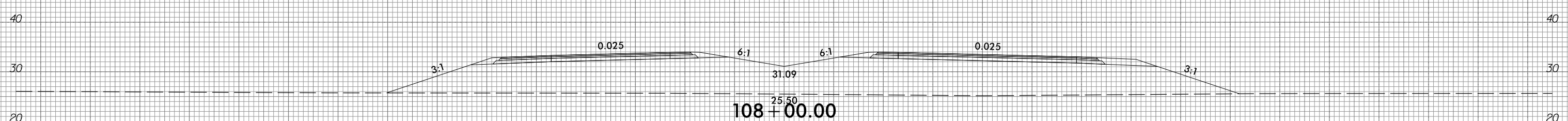
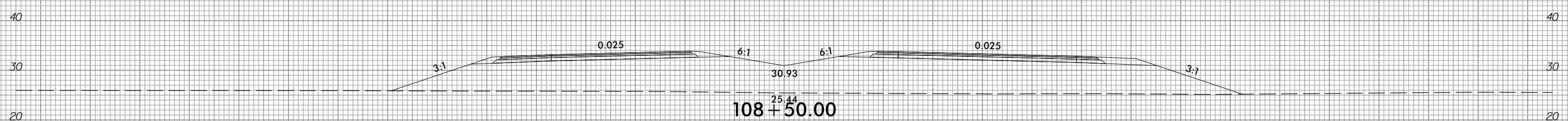
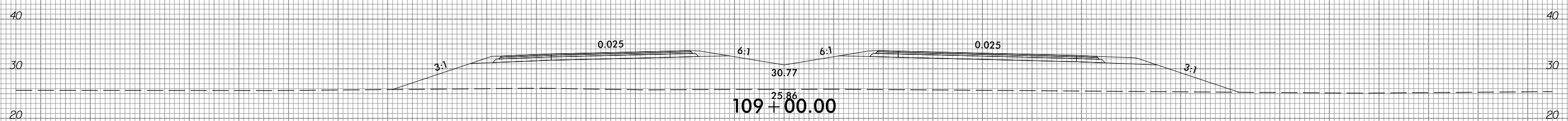
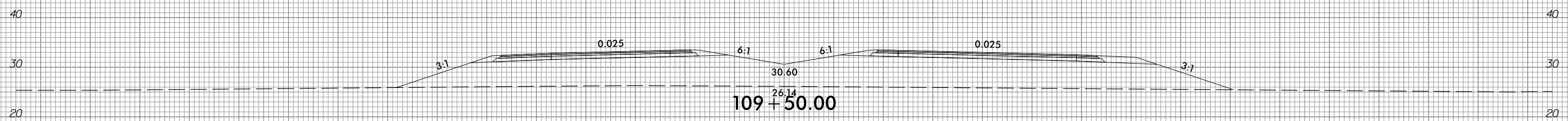
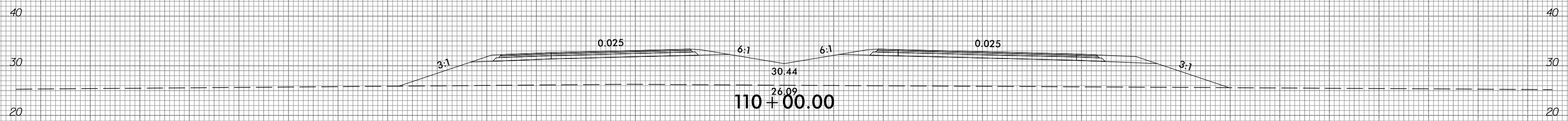
SHEET NO.  
X-26



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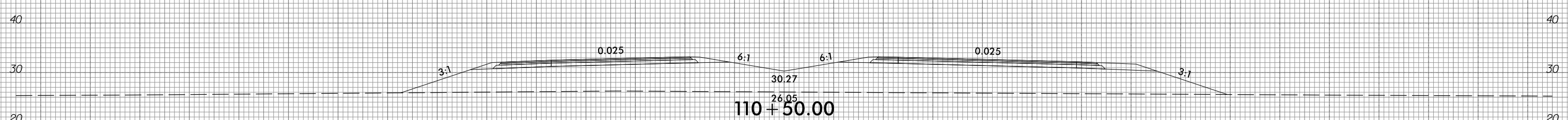
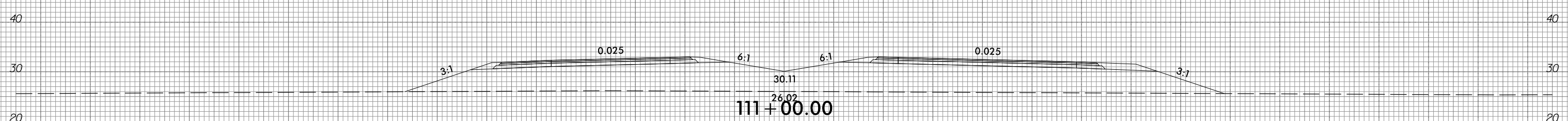
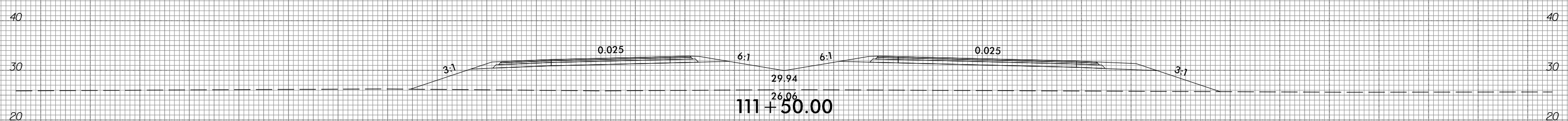
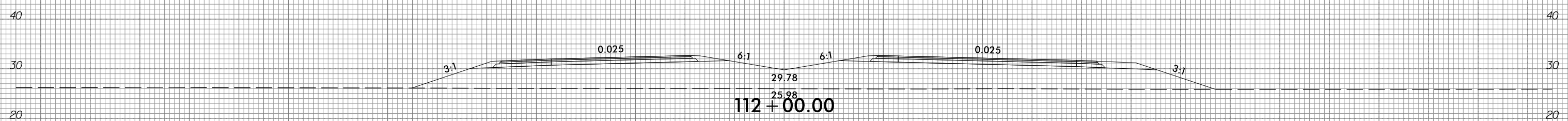
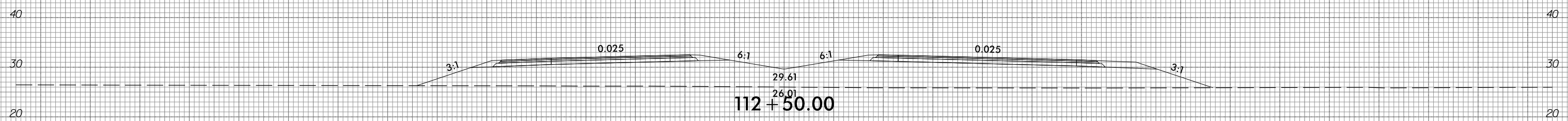
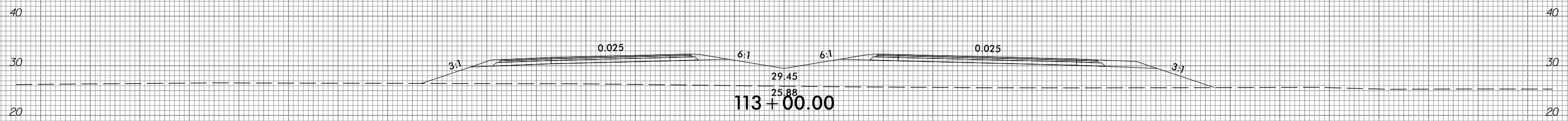


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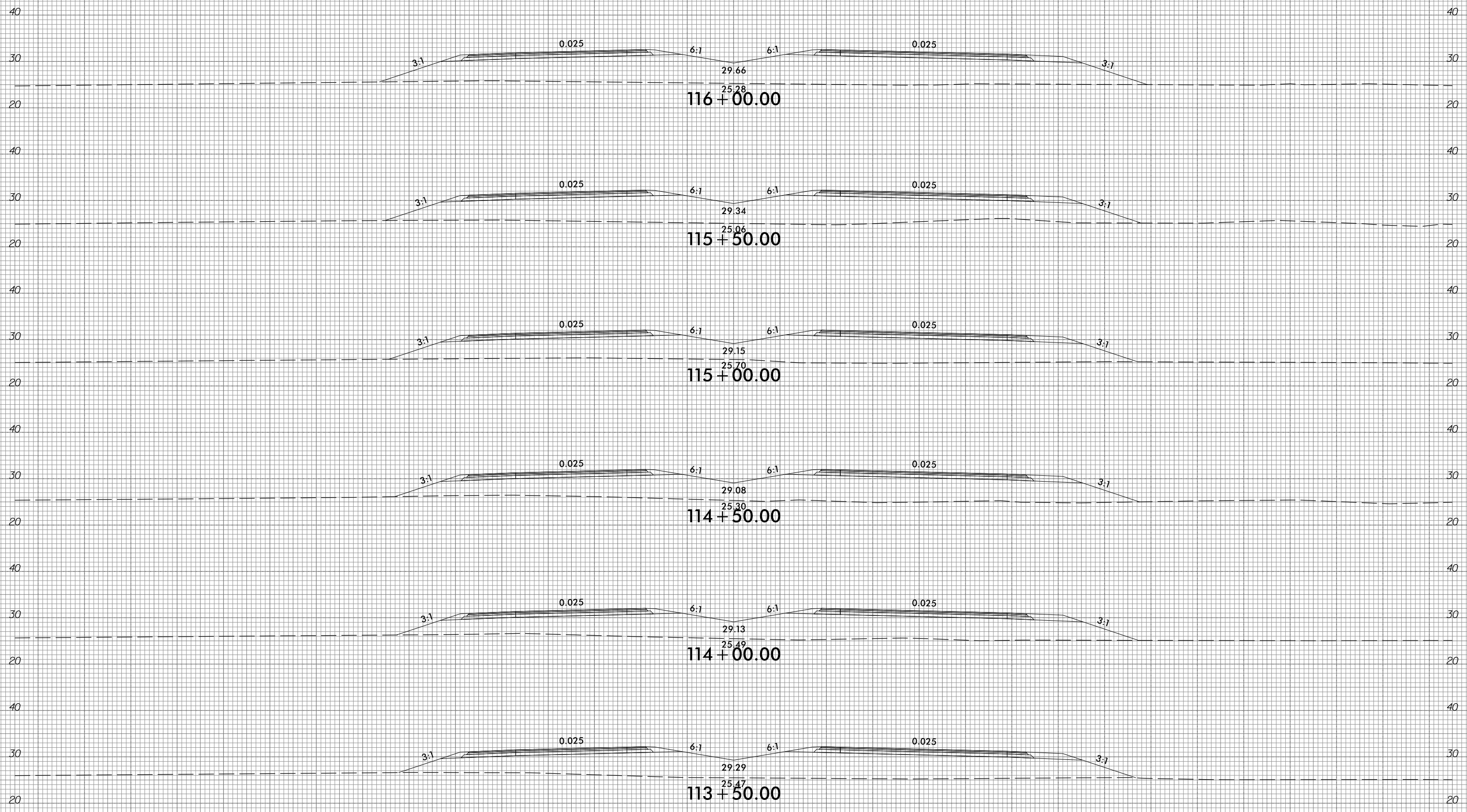
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-29

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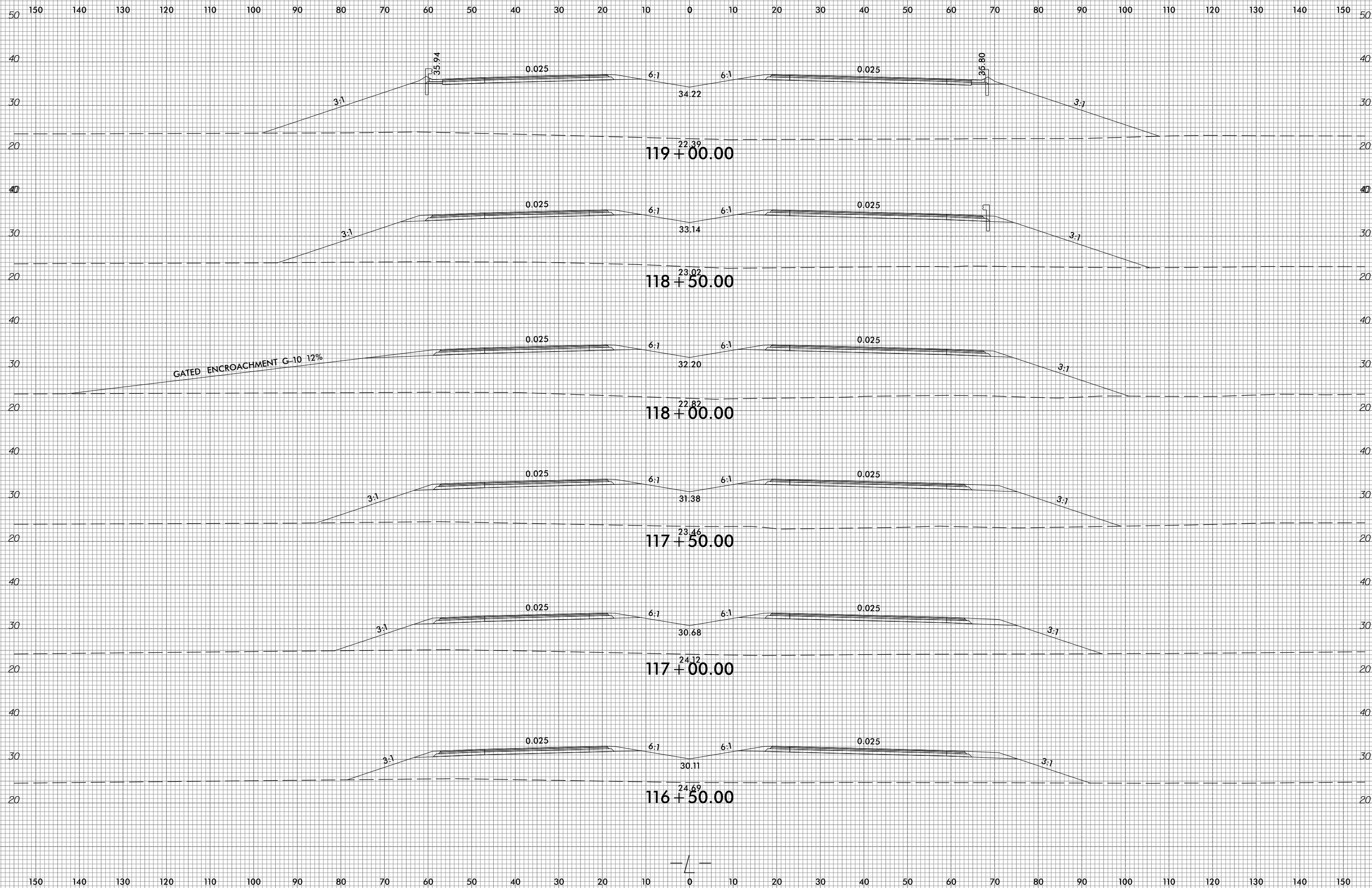
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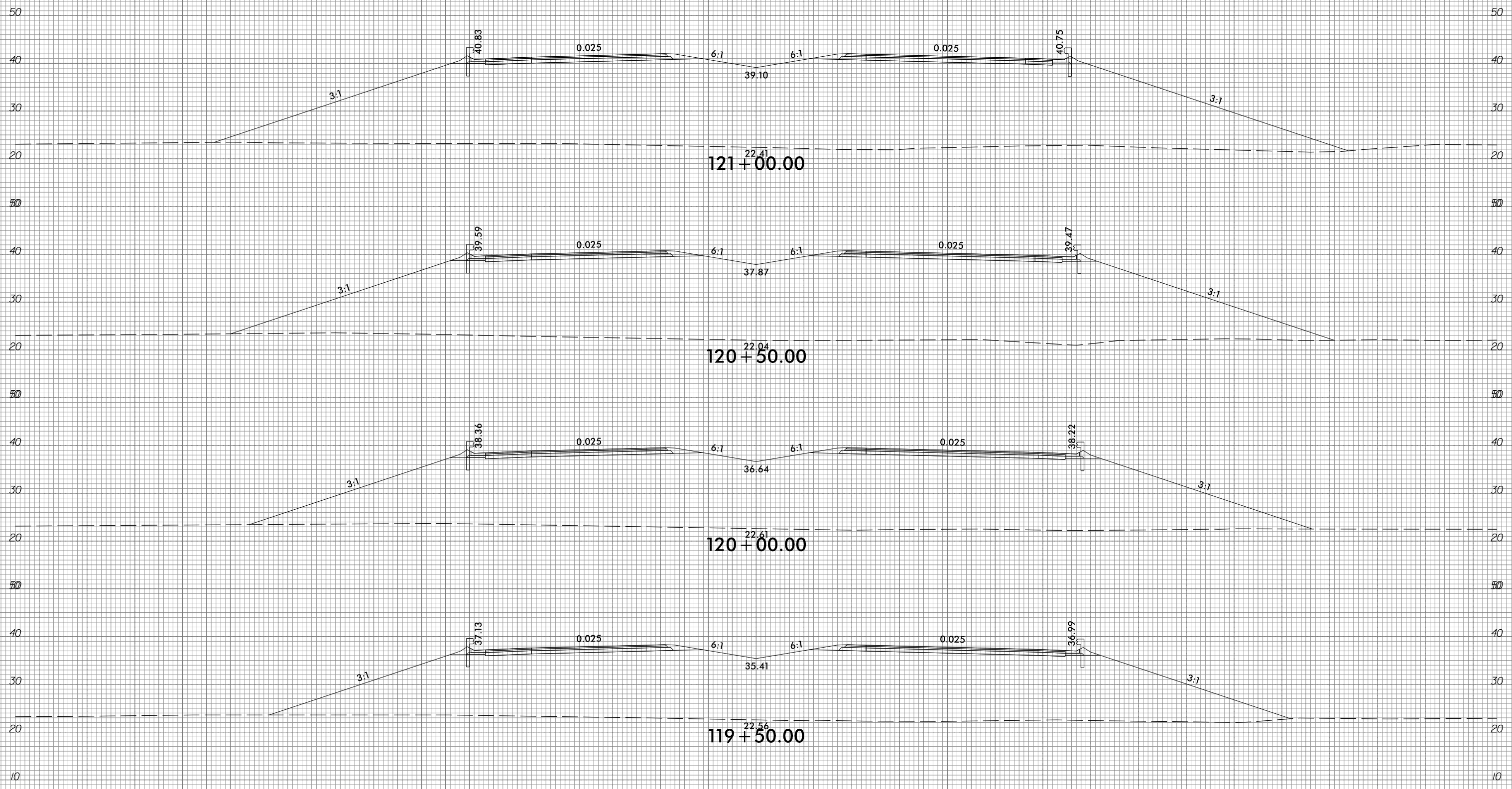
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SHEET NO.  
X-30



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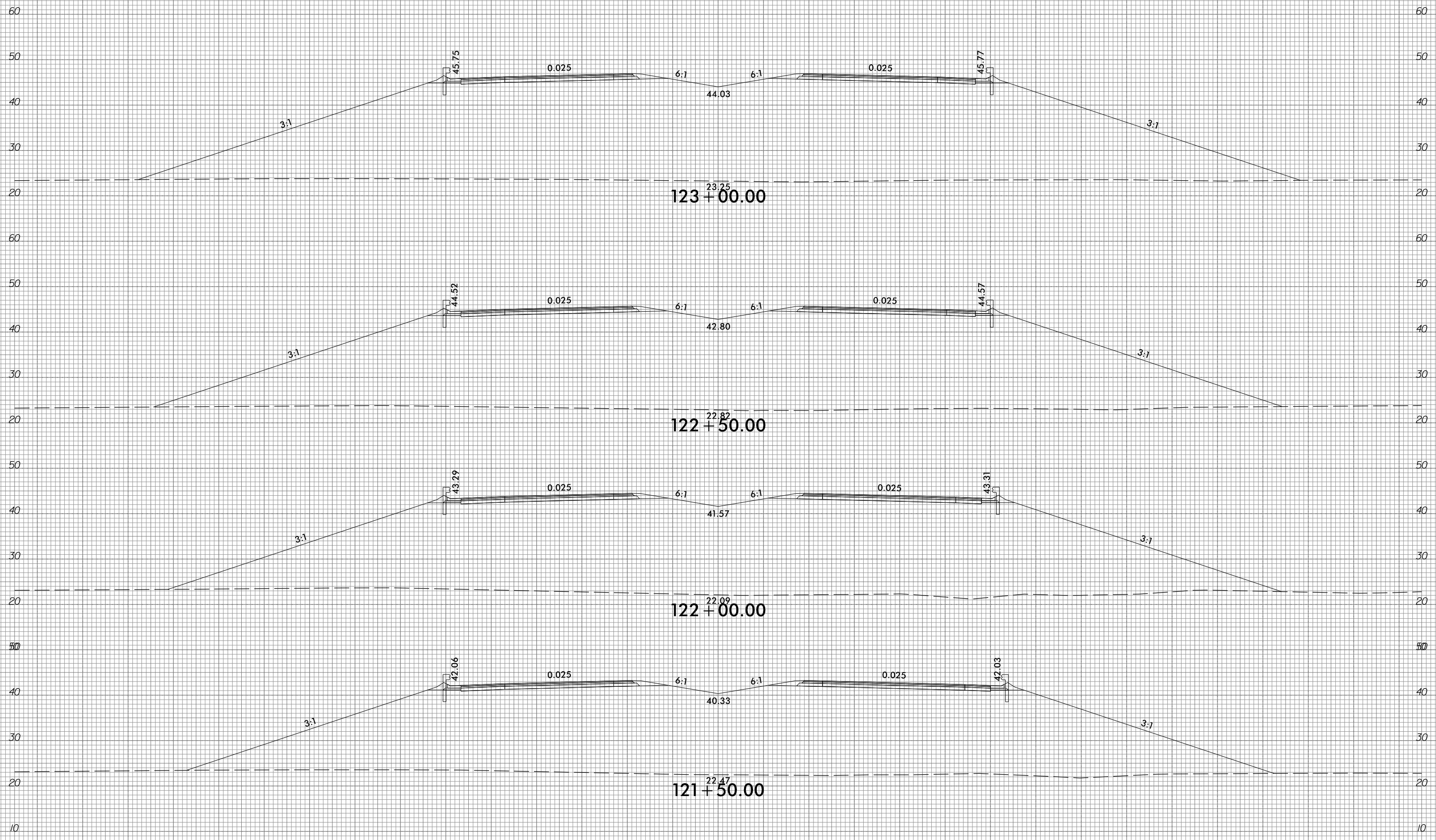
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-32

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



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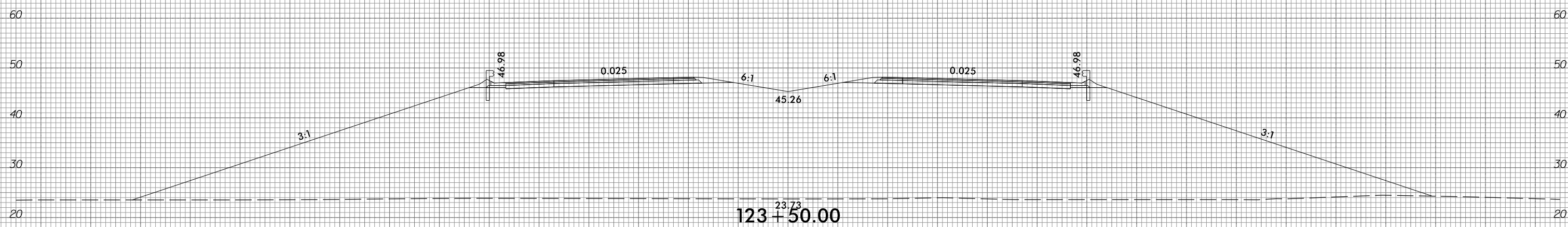
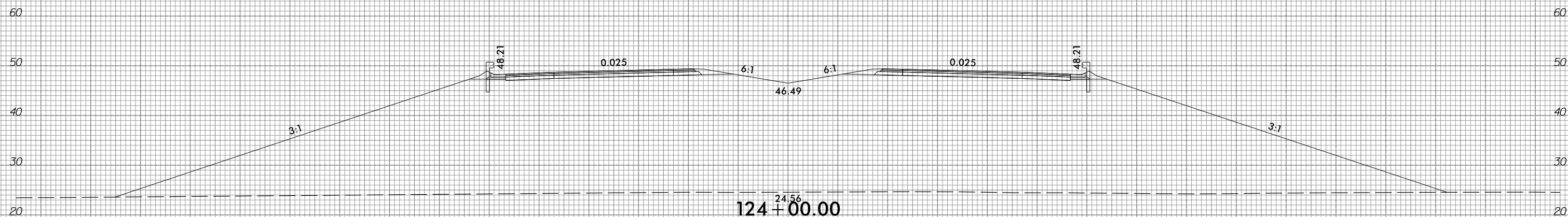
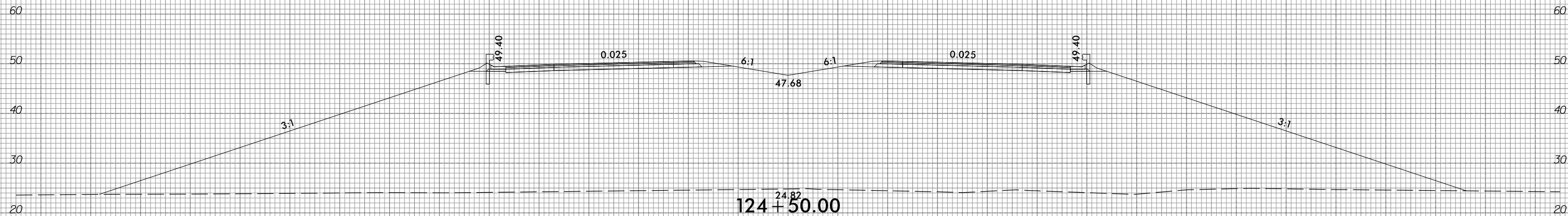
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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-33

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



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

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gncdlin

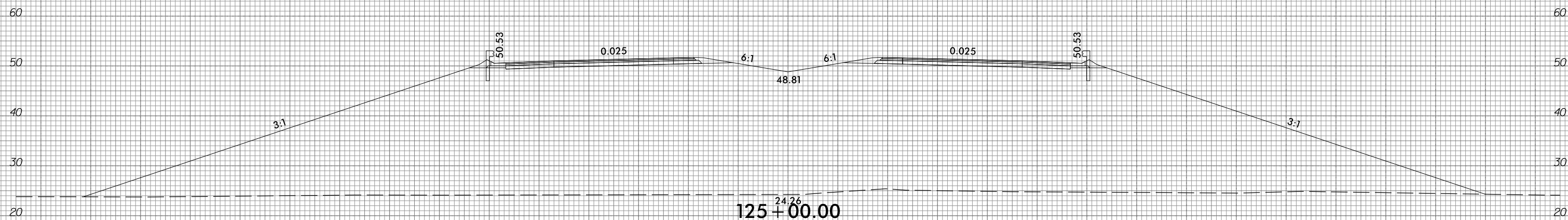
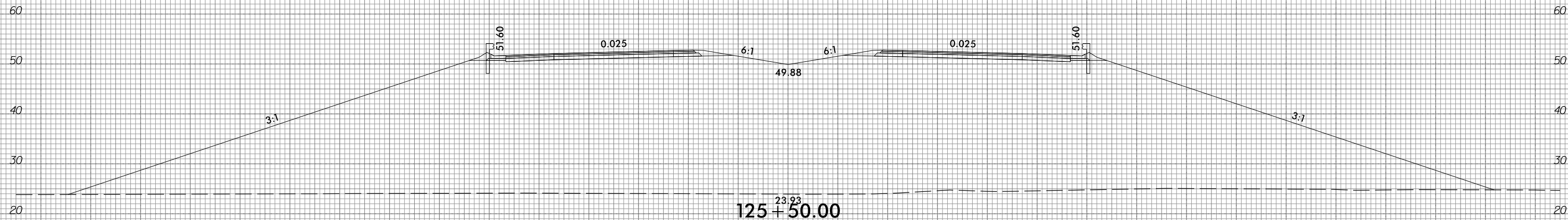
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-34

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

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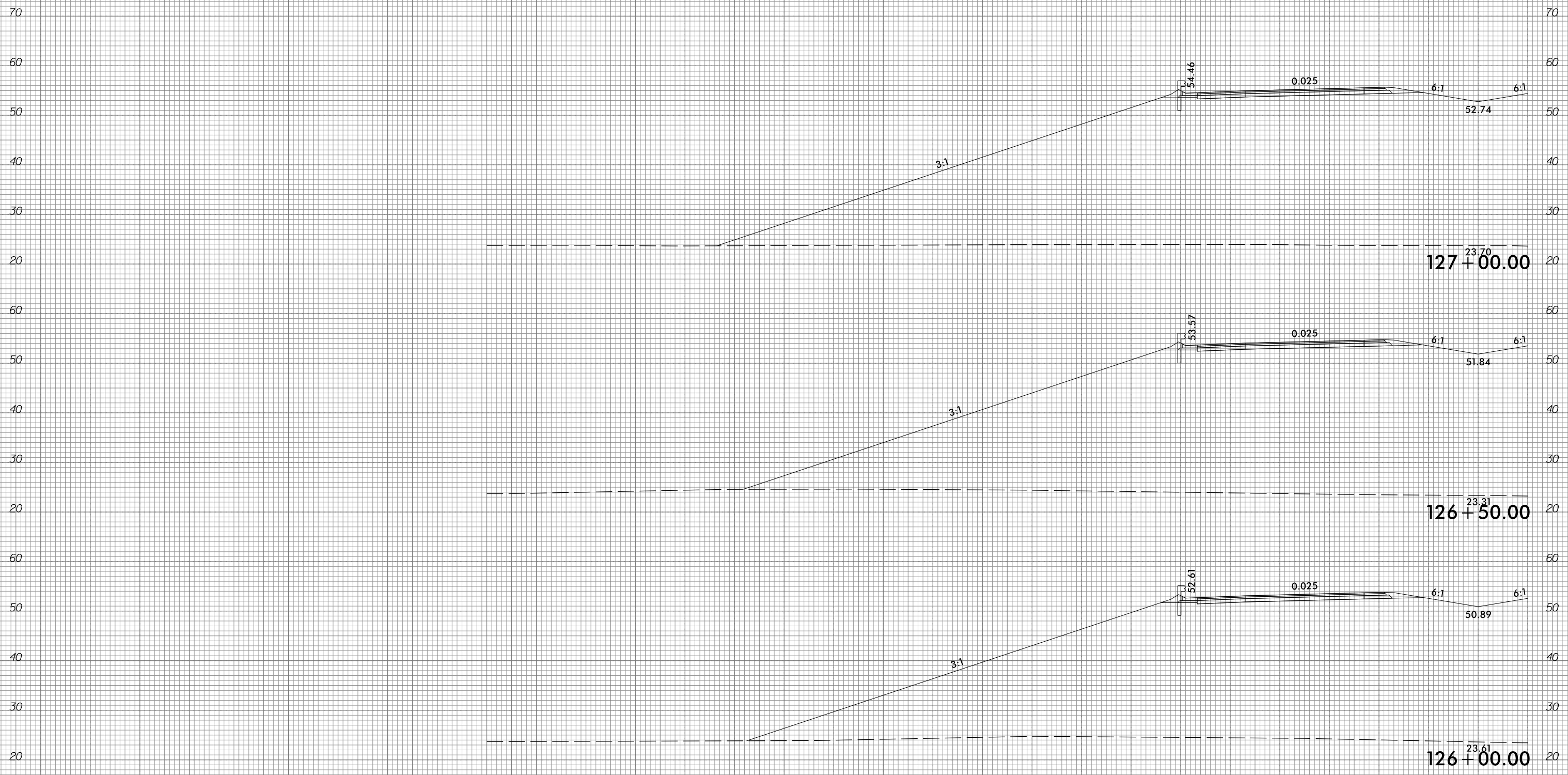
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-35

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290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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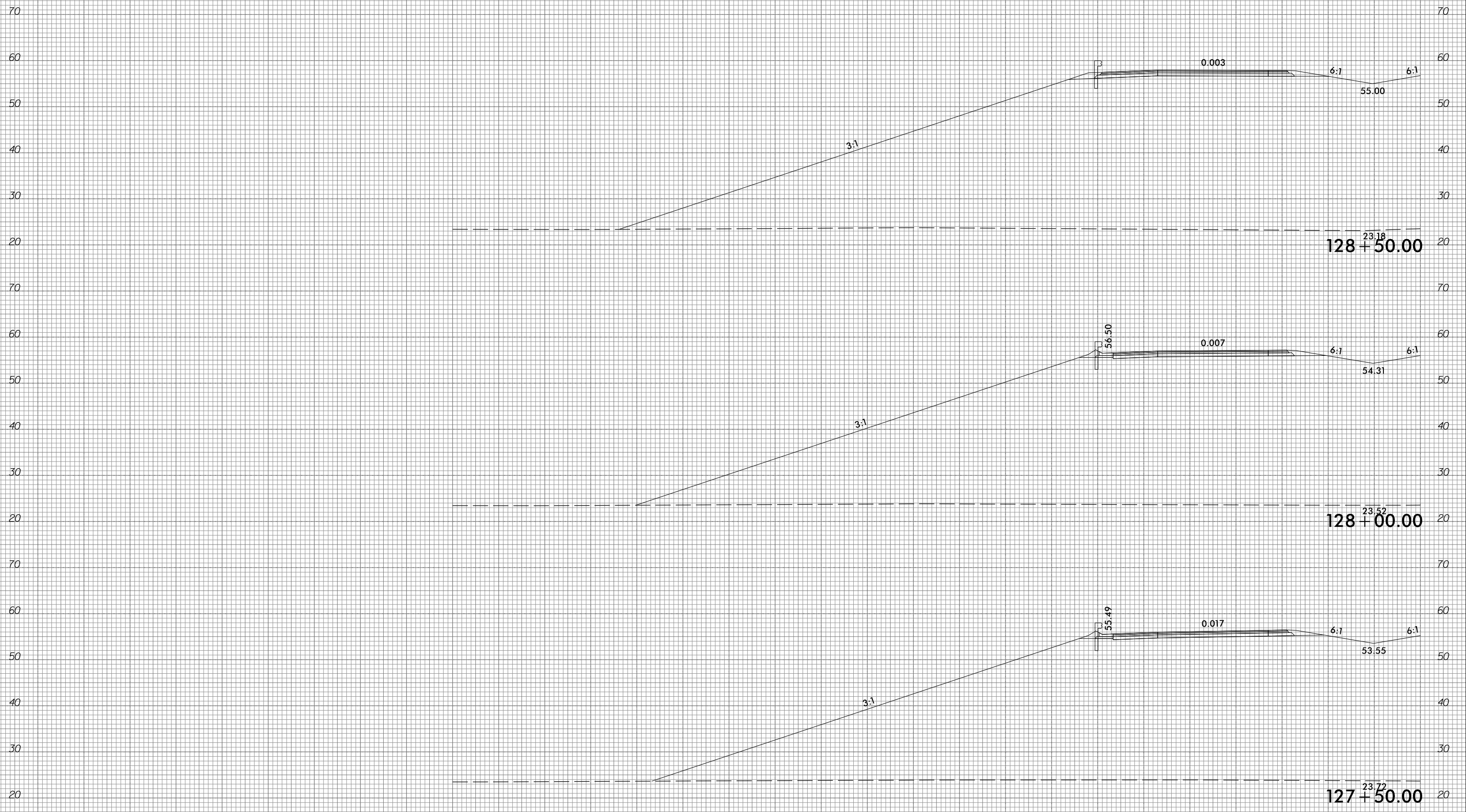
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PROJ. REFERENCE NO.	R-1015
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SHEET NO.	X-36
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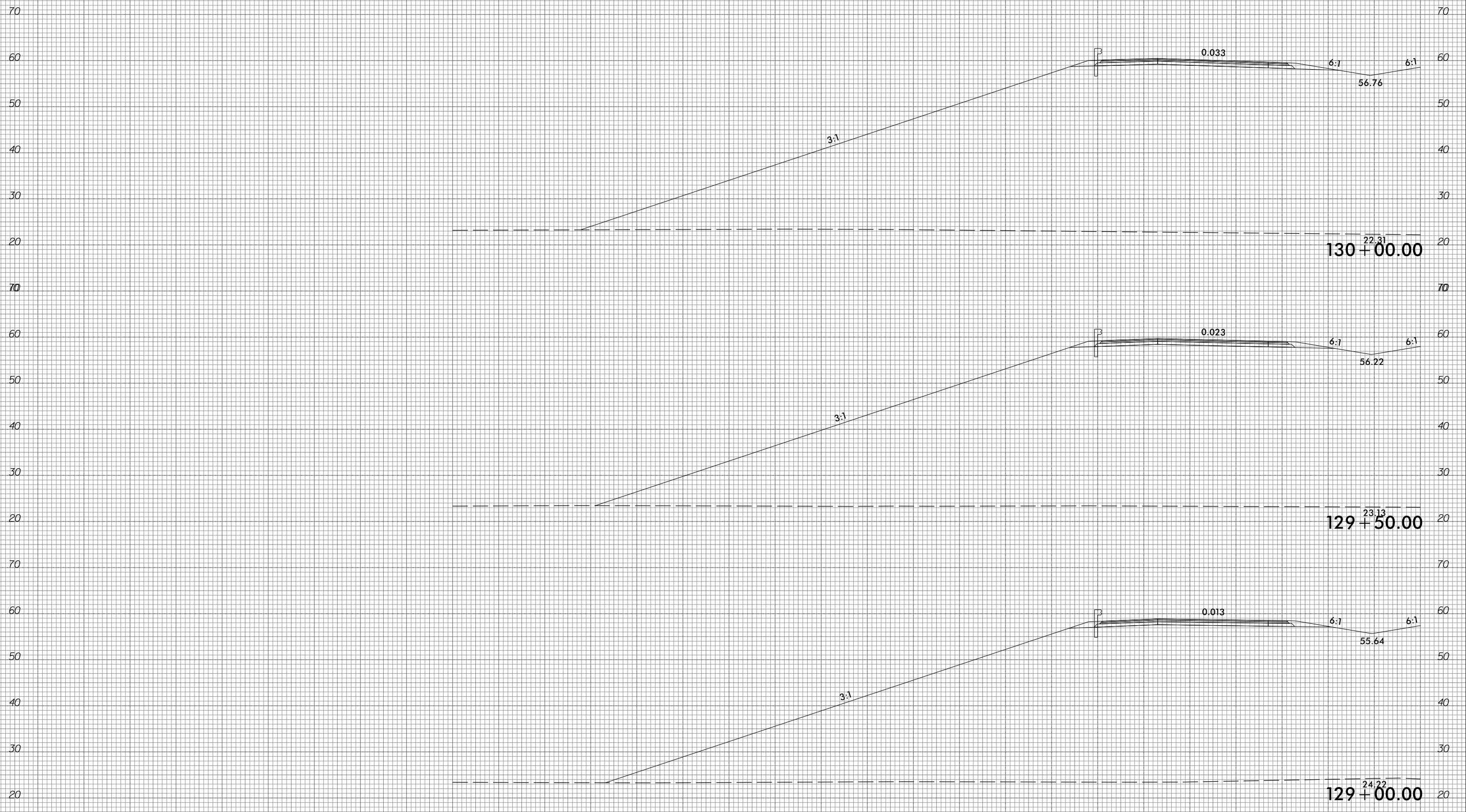
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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-37

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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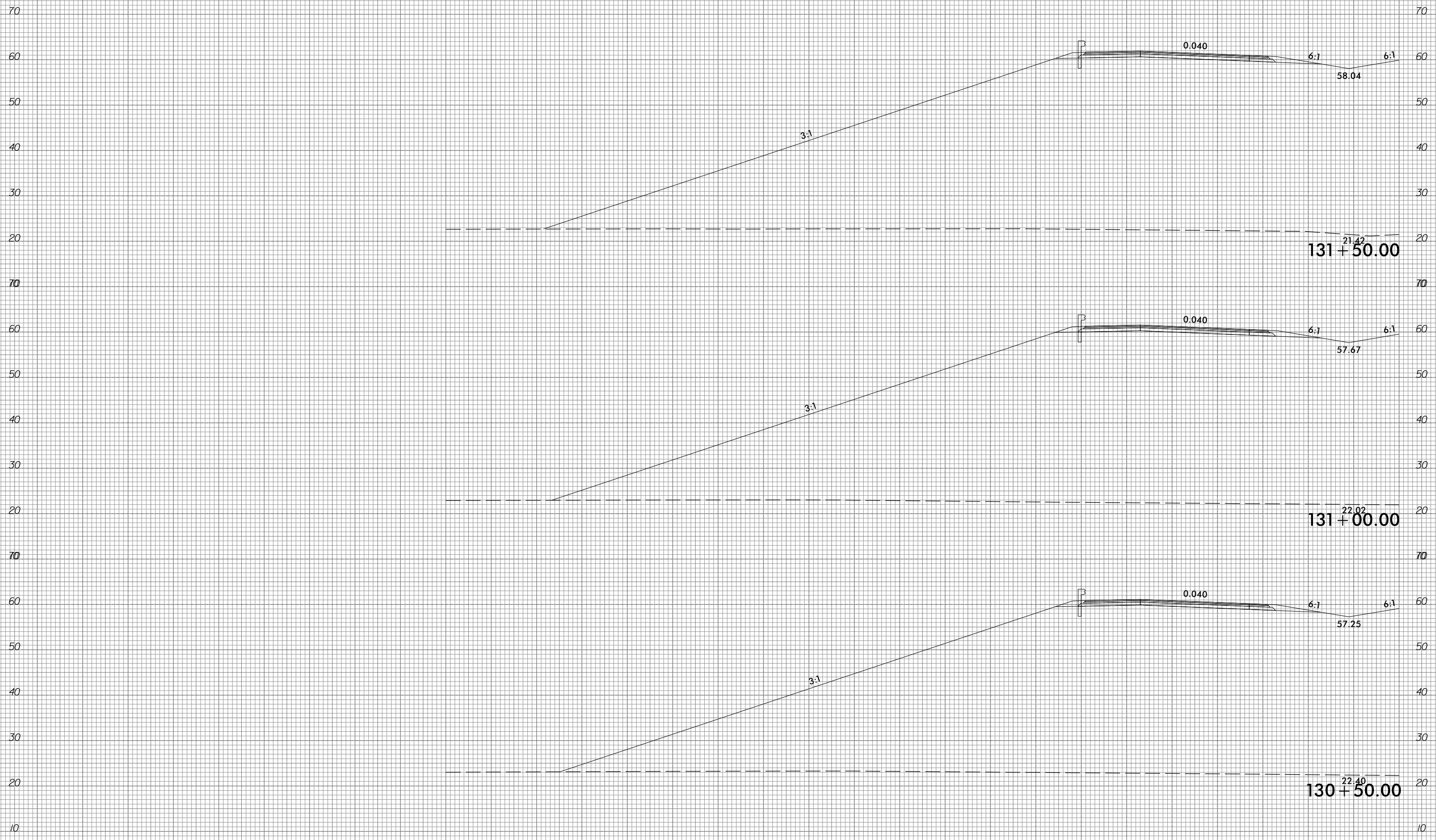
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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-38

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-38

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290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

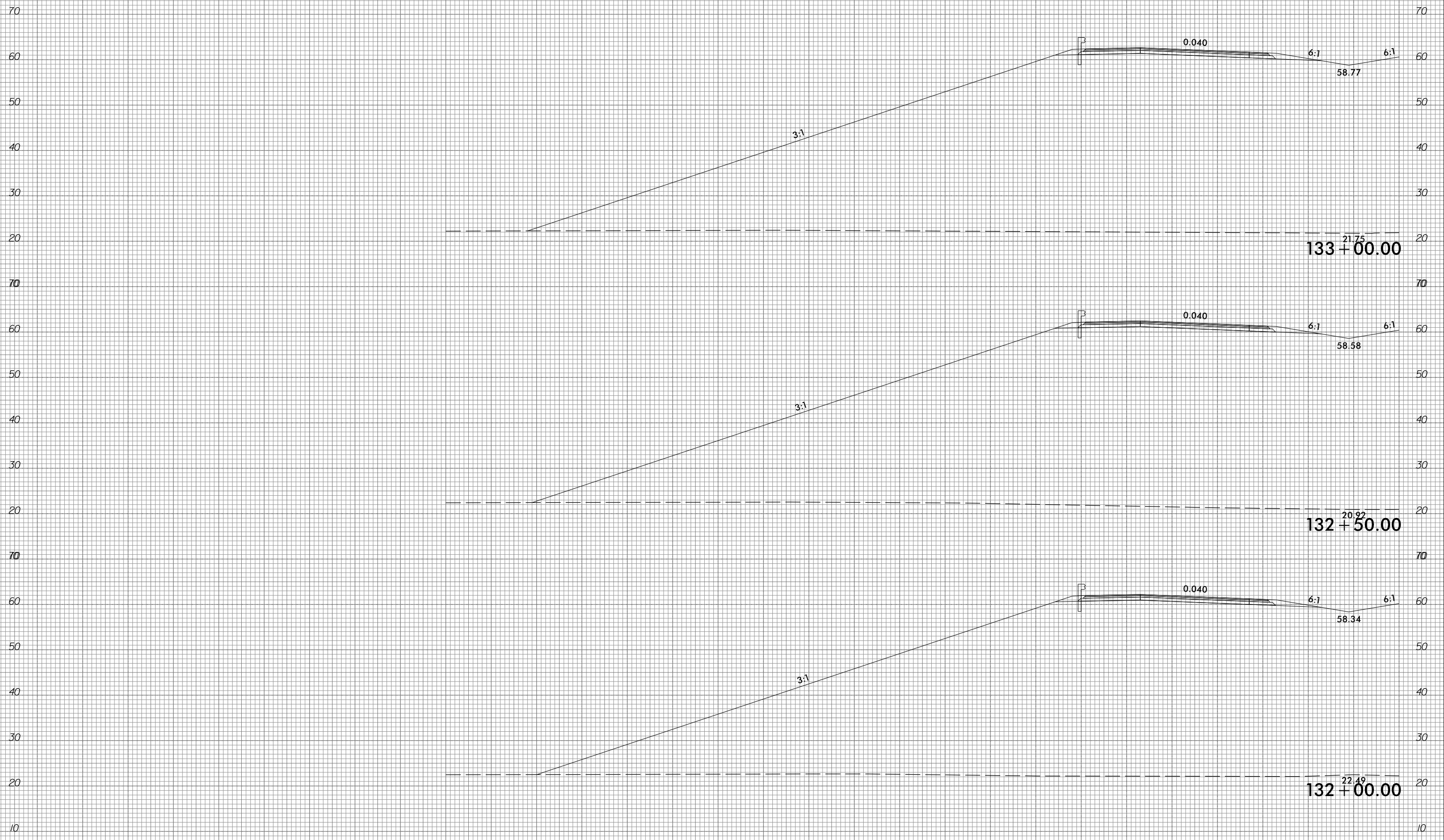
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 gmc311

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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-39

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290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2018  
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 gncdjin

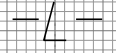
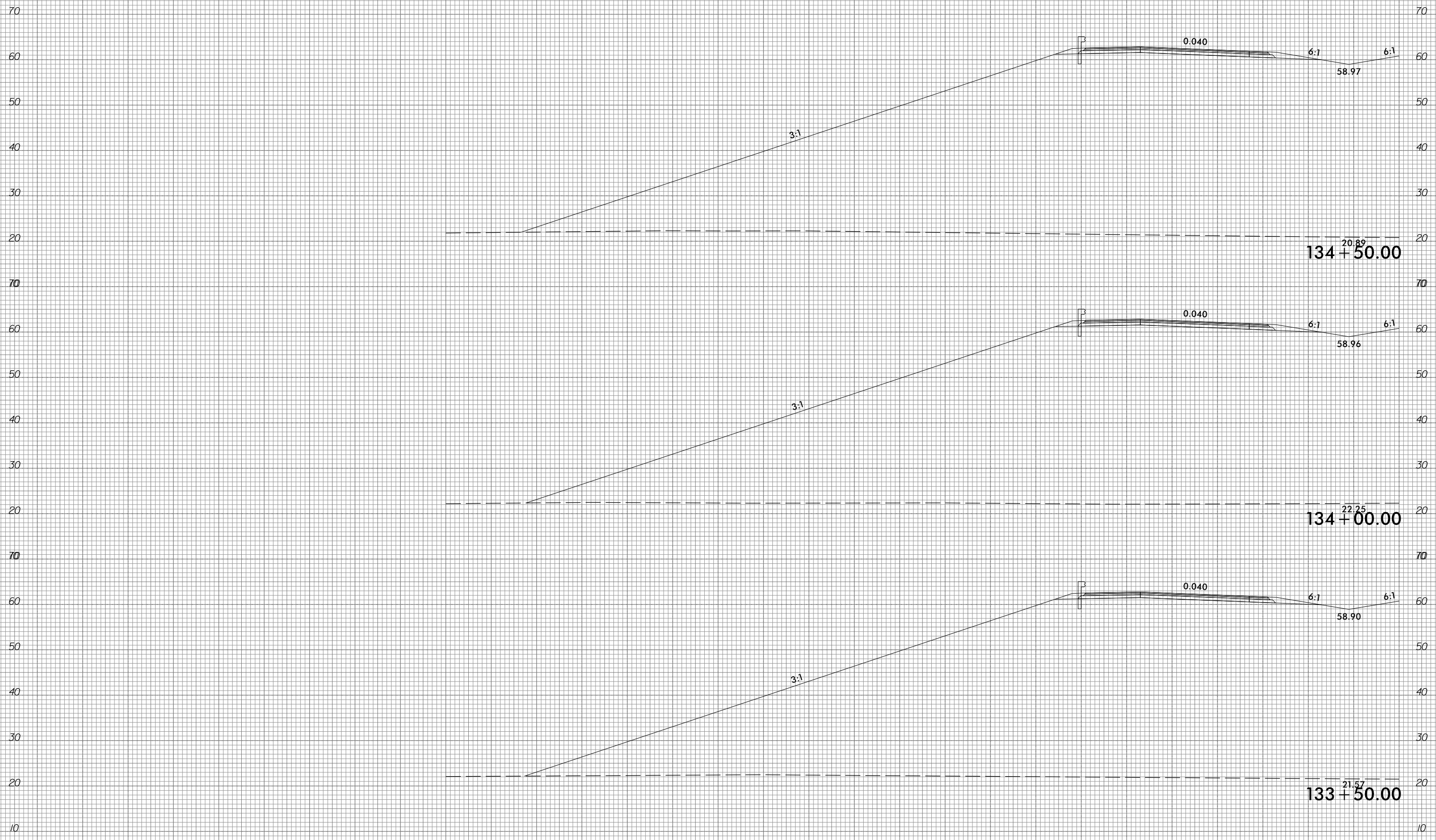
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PROJ. REFERENCE NO.	R-1015
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SHEET NO.	X-40
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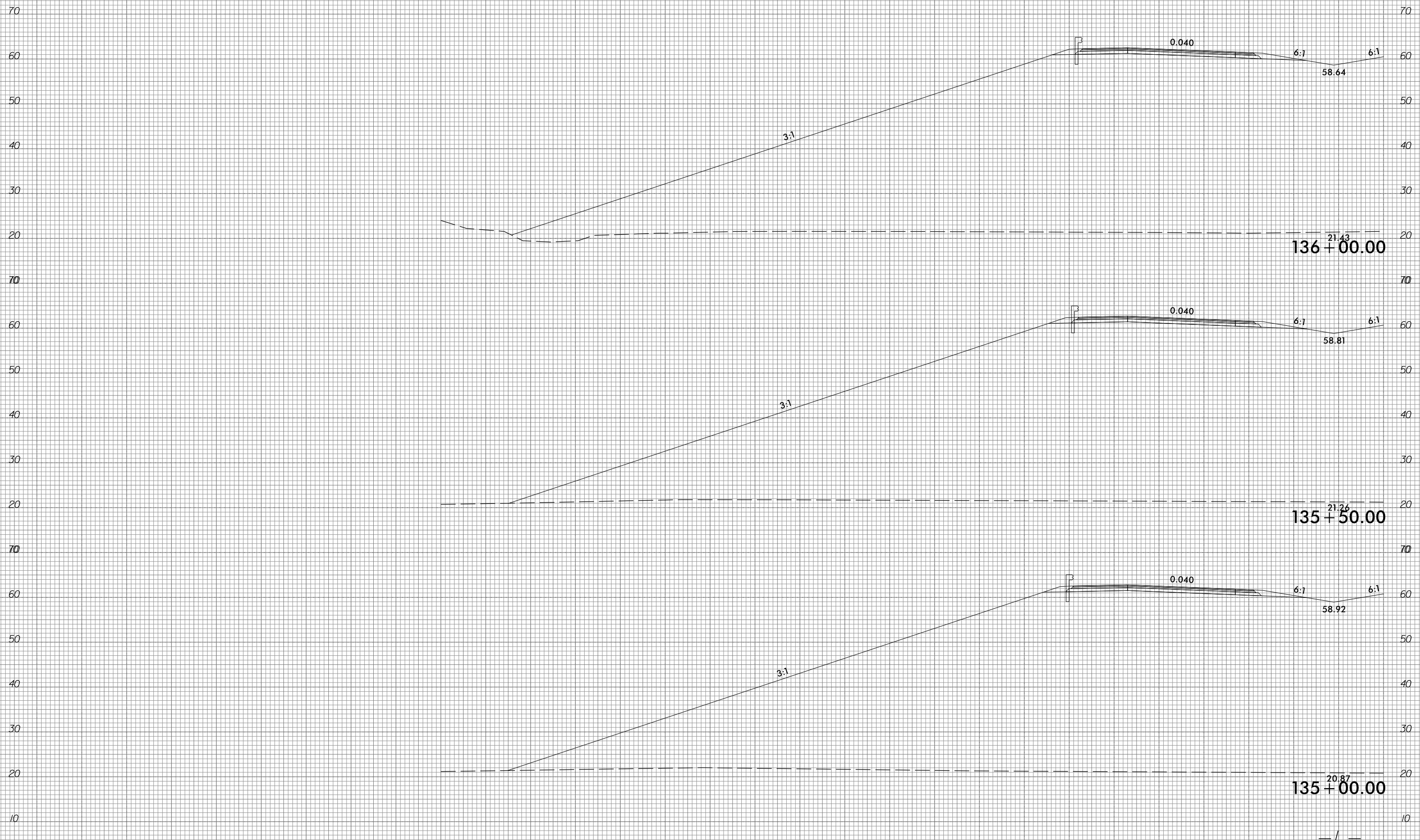
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 gmc311

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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-41

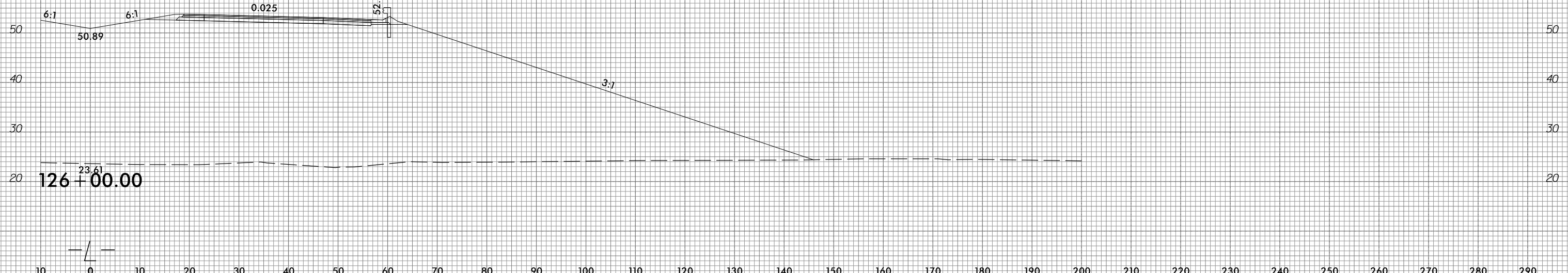
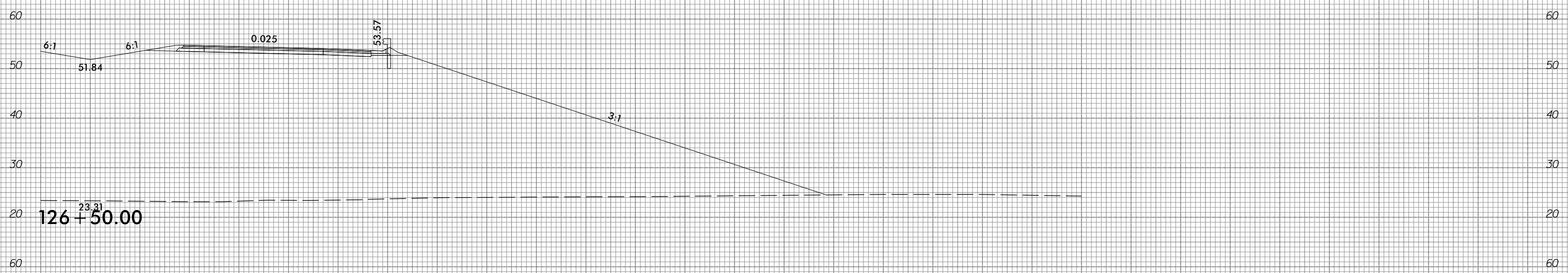
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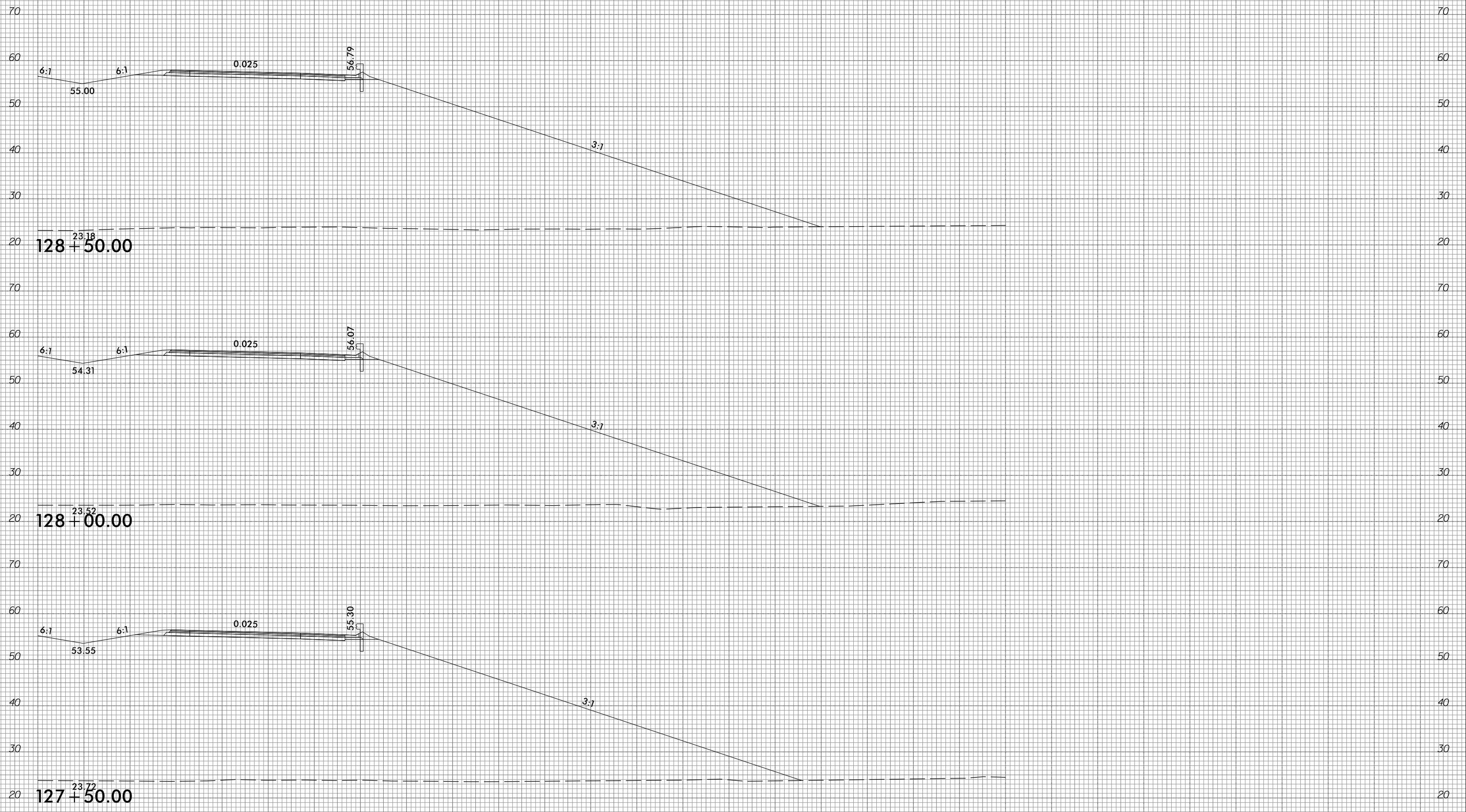
10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

6/23/16



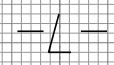
PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-43

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

10/31/2018  
 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
 gmc011r



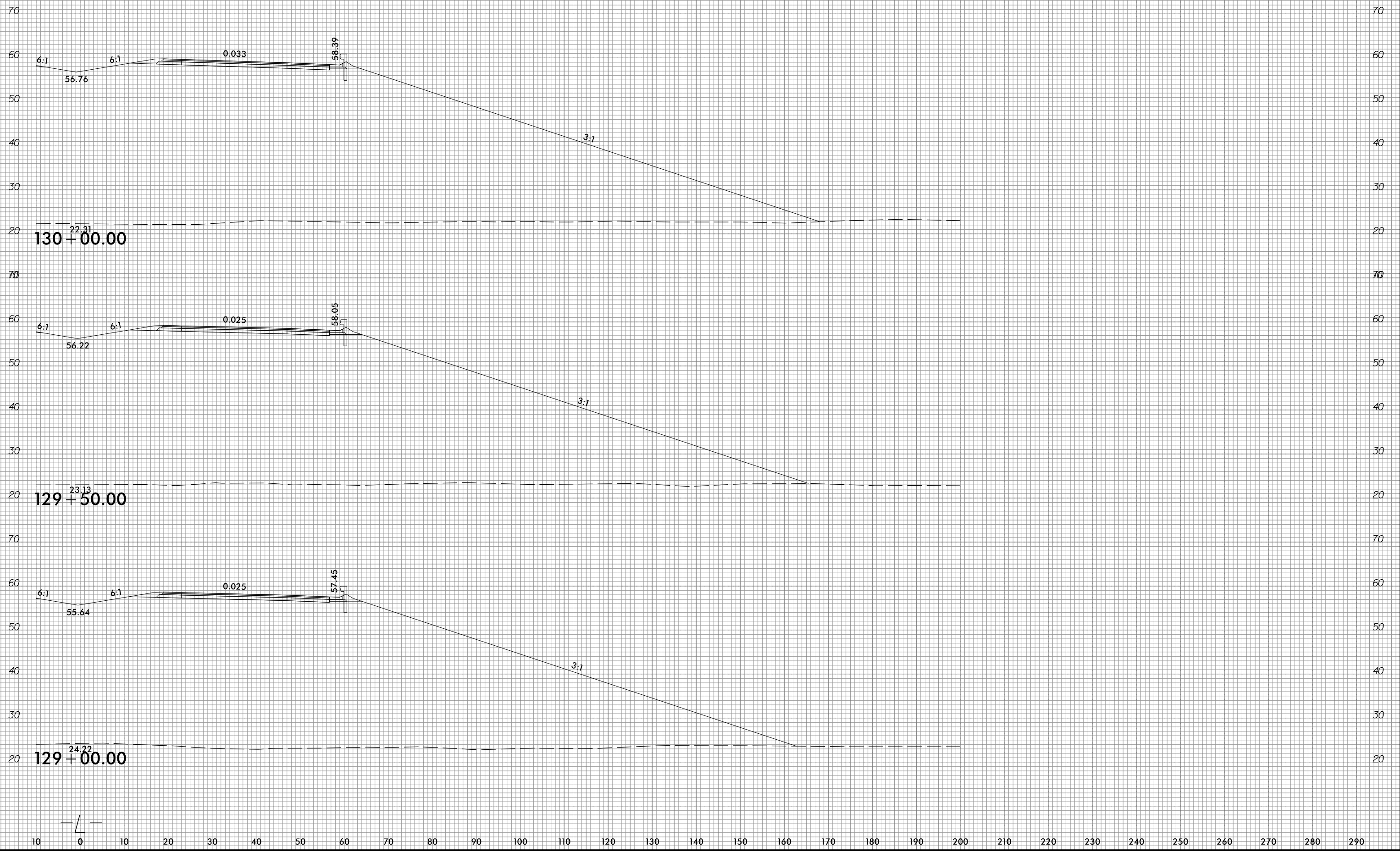


6/23/16

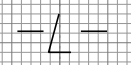


PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-44

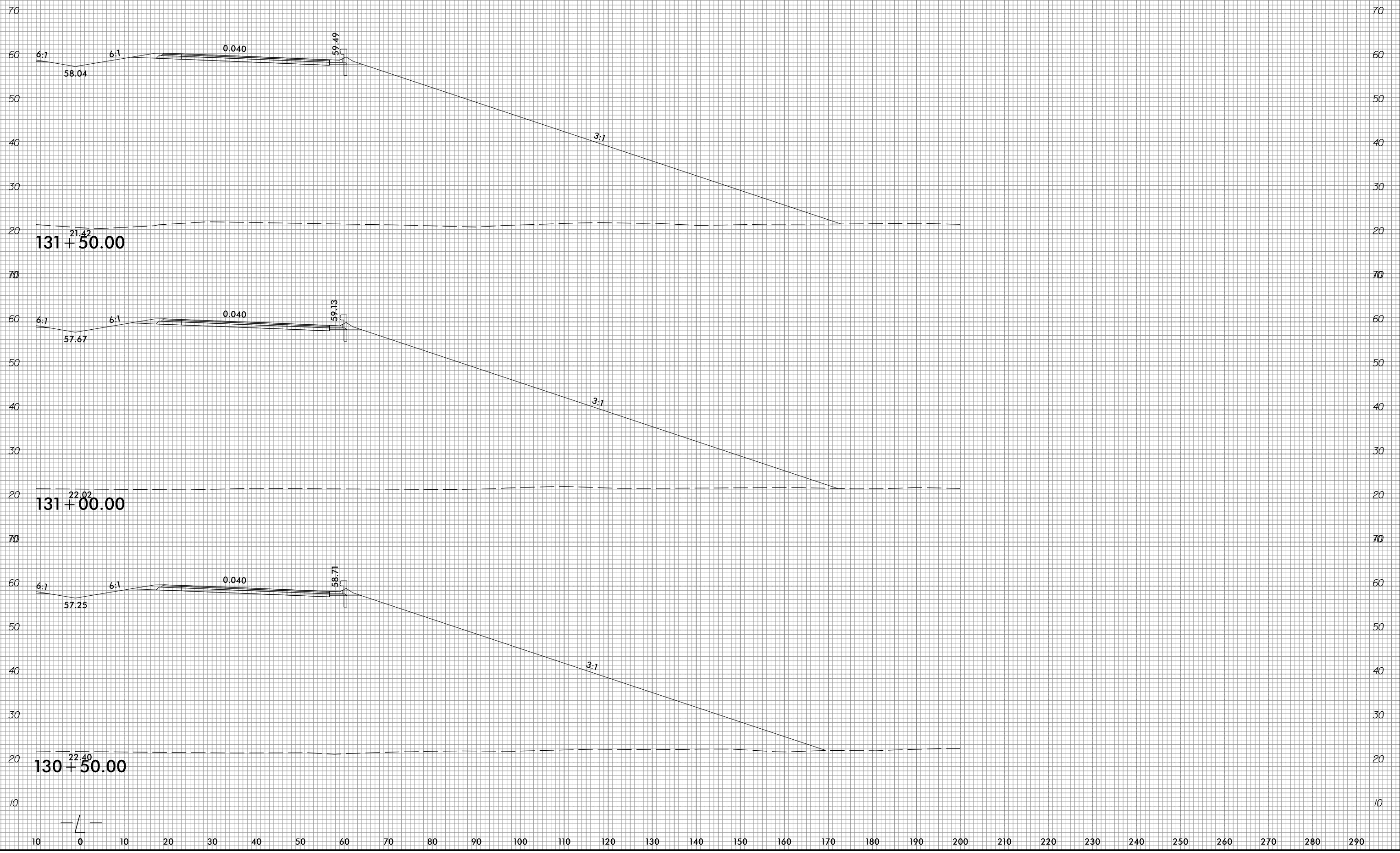
10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10/31/2018  
 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
 gmc31in



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

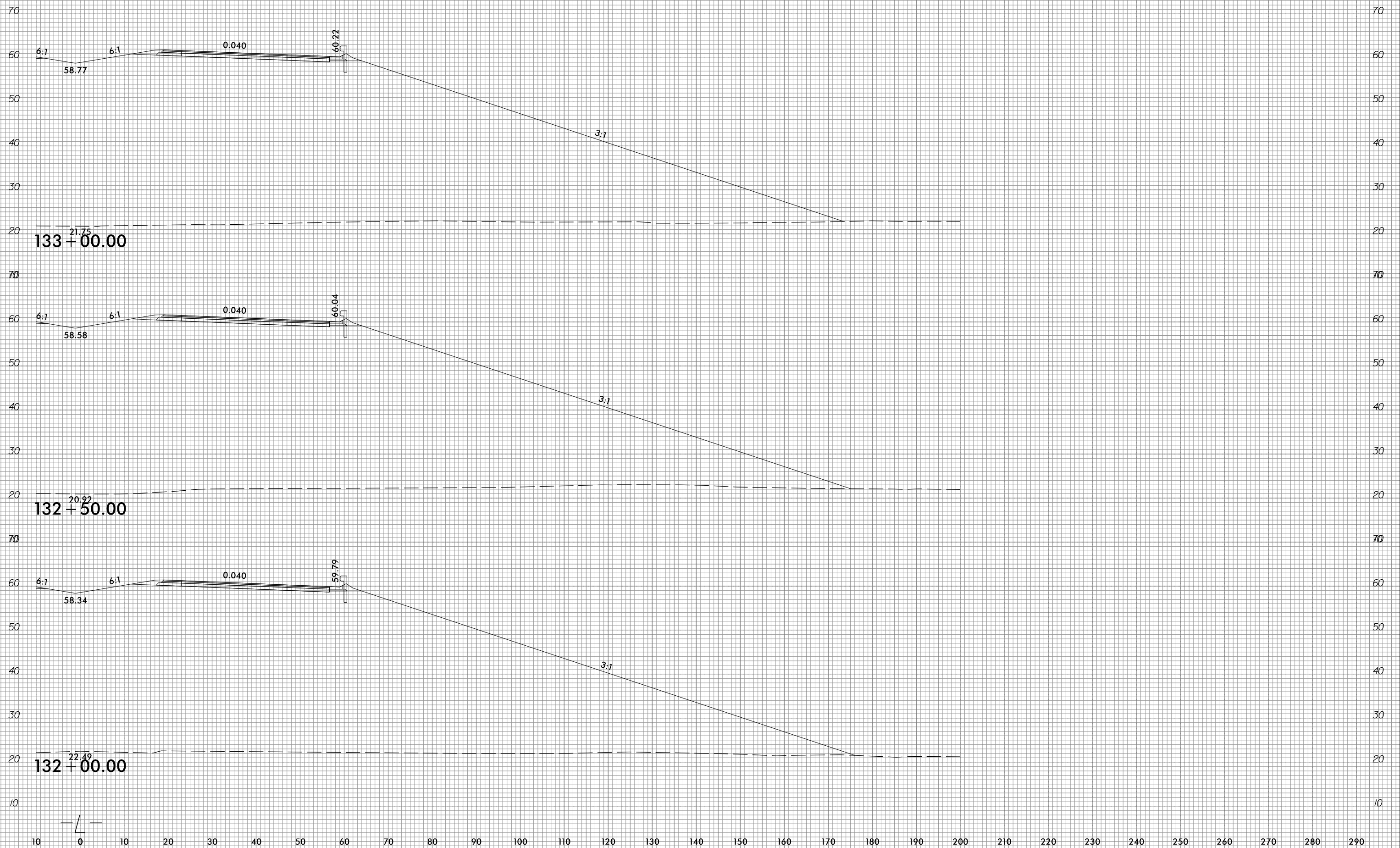


6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-46

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



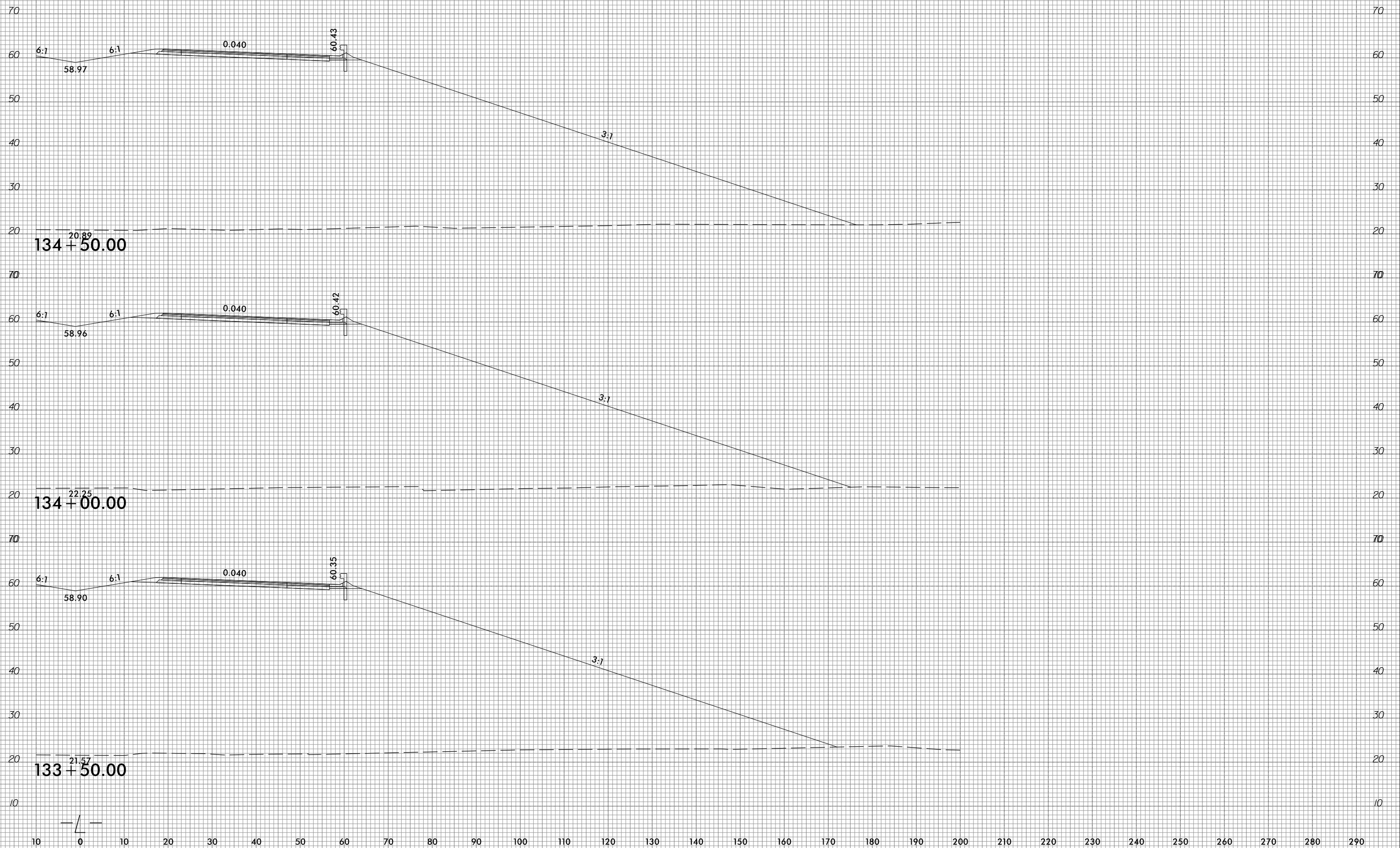
10/31/2018  
 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
 gmc311

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-47

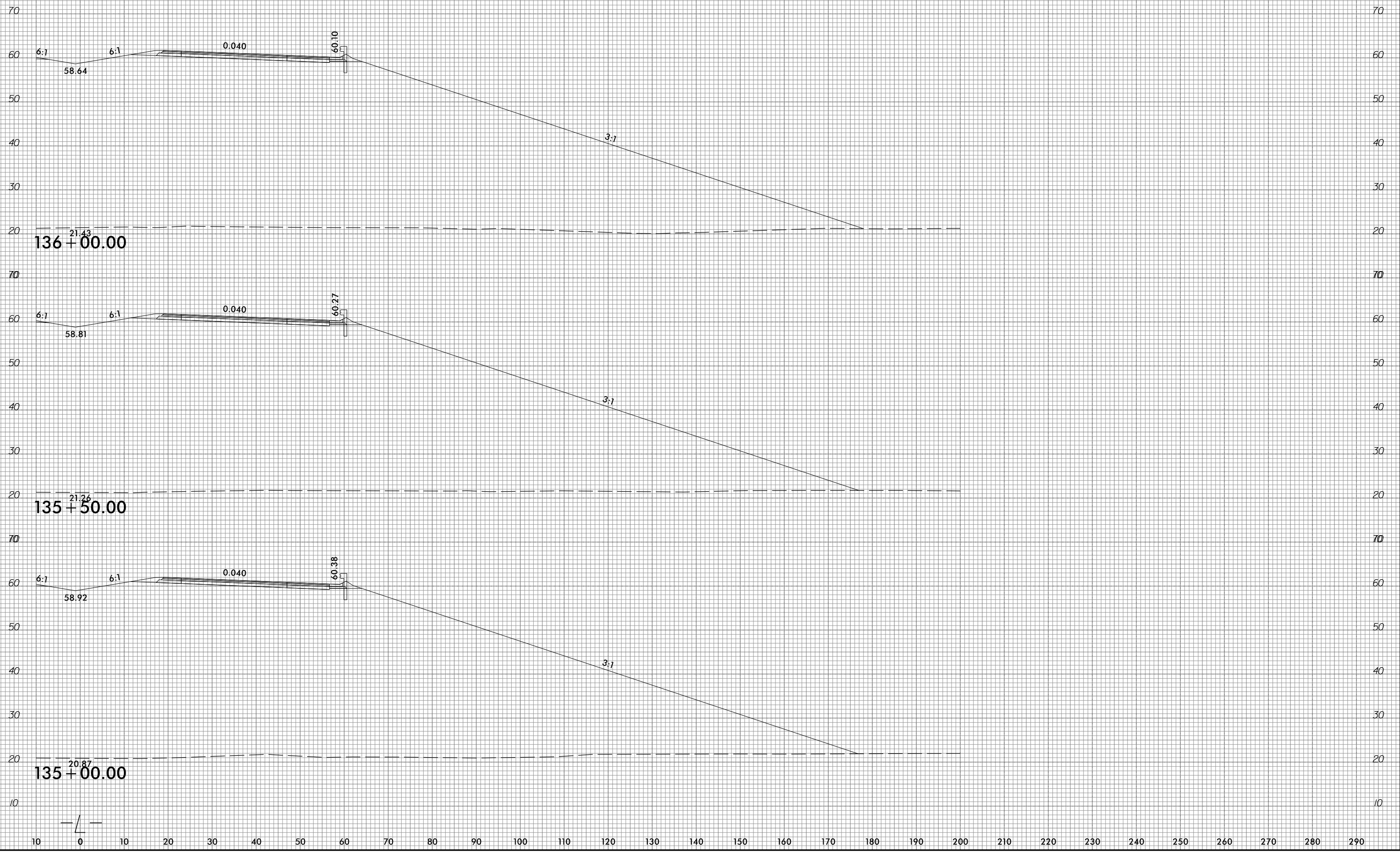
10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10/31/2018  
 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
 gmc311

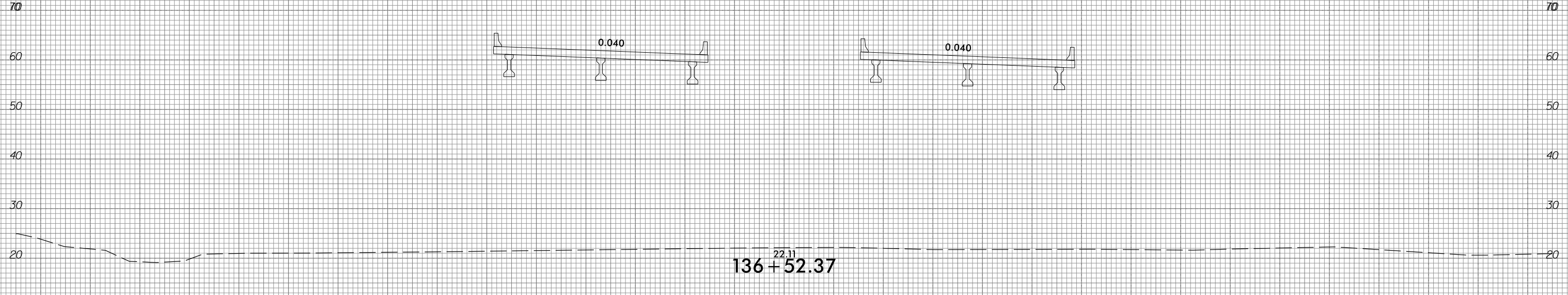
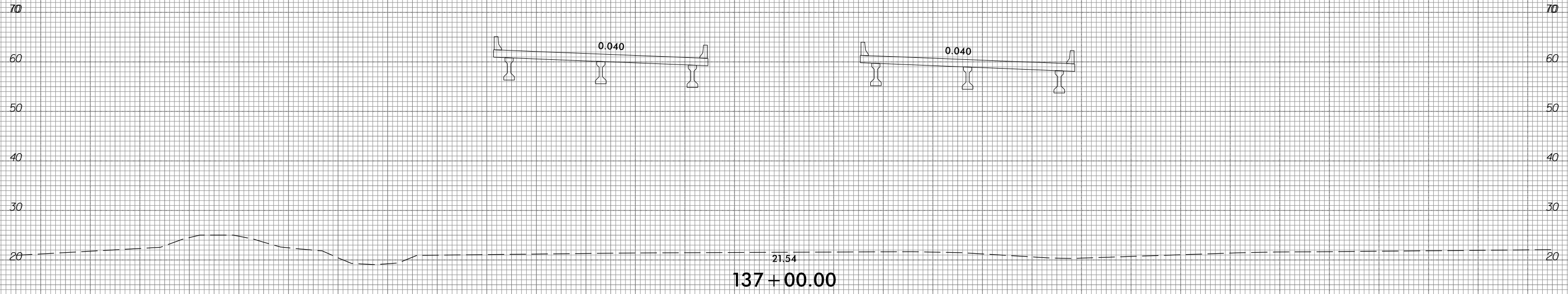
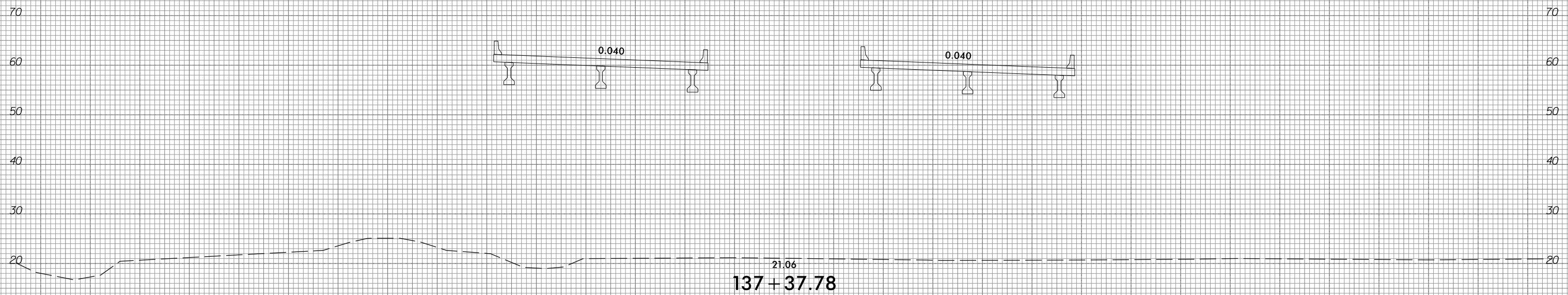


10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

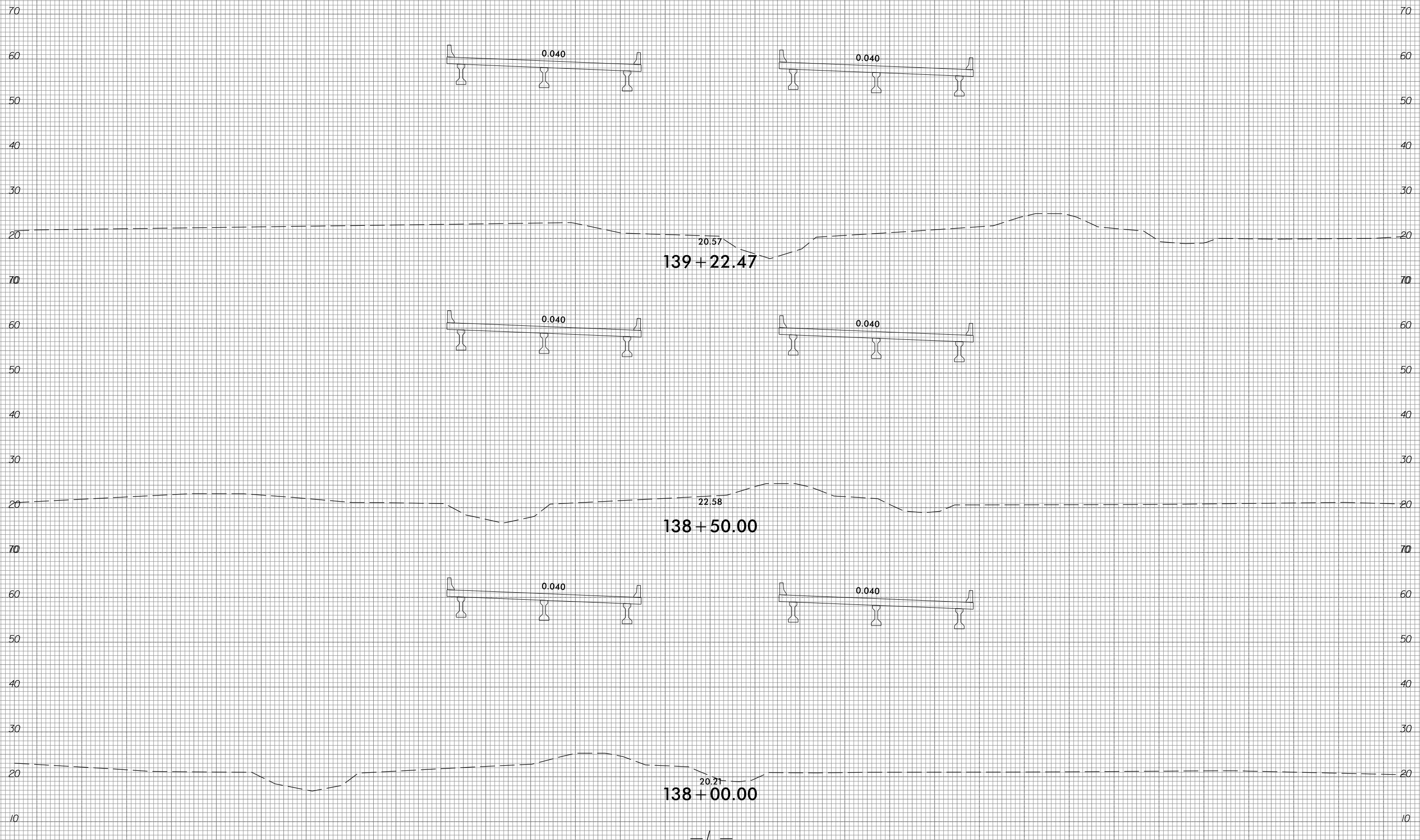
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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



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



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



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

70

70

60

60

50

50

40

40

30

30

20

20

21.58  
**140 + 17.23**

70

70

60

60

50

50

40

40

30

30

20

20

21.45  
**139 + 69.29**

70

70

60

60

50

50

40

40

30

30

20

20

21.39  
**139 + 50.00**

10

10



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



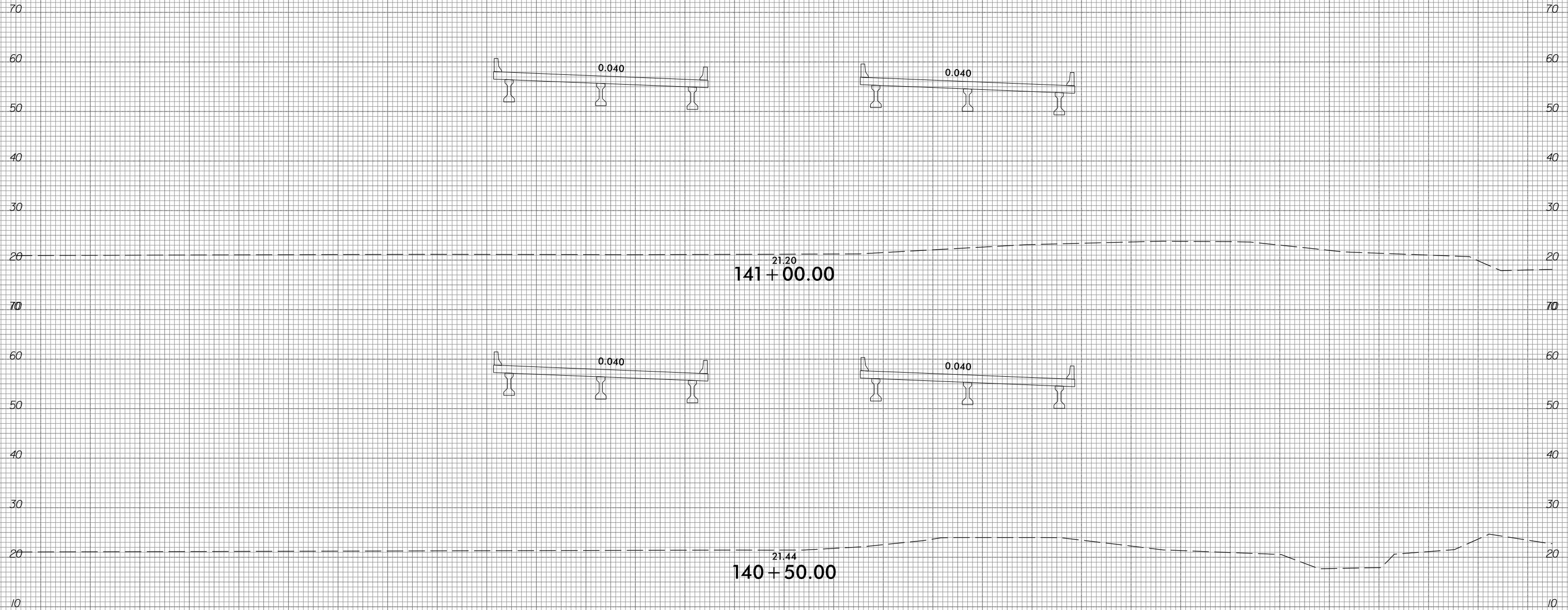
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-52

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



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

10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gncdlin

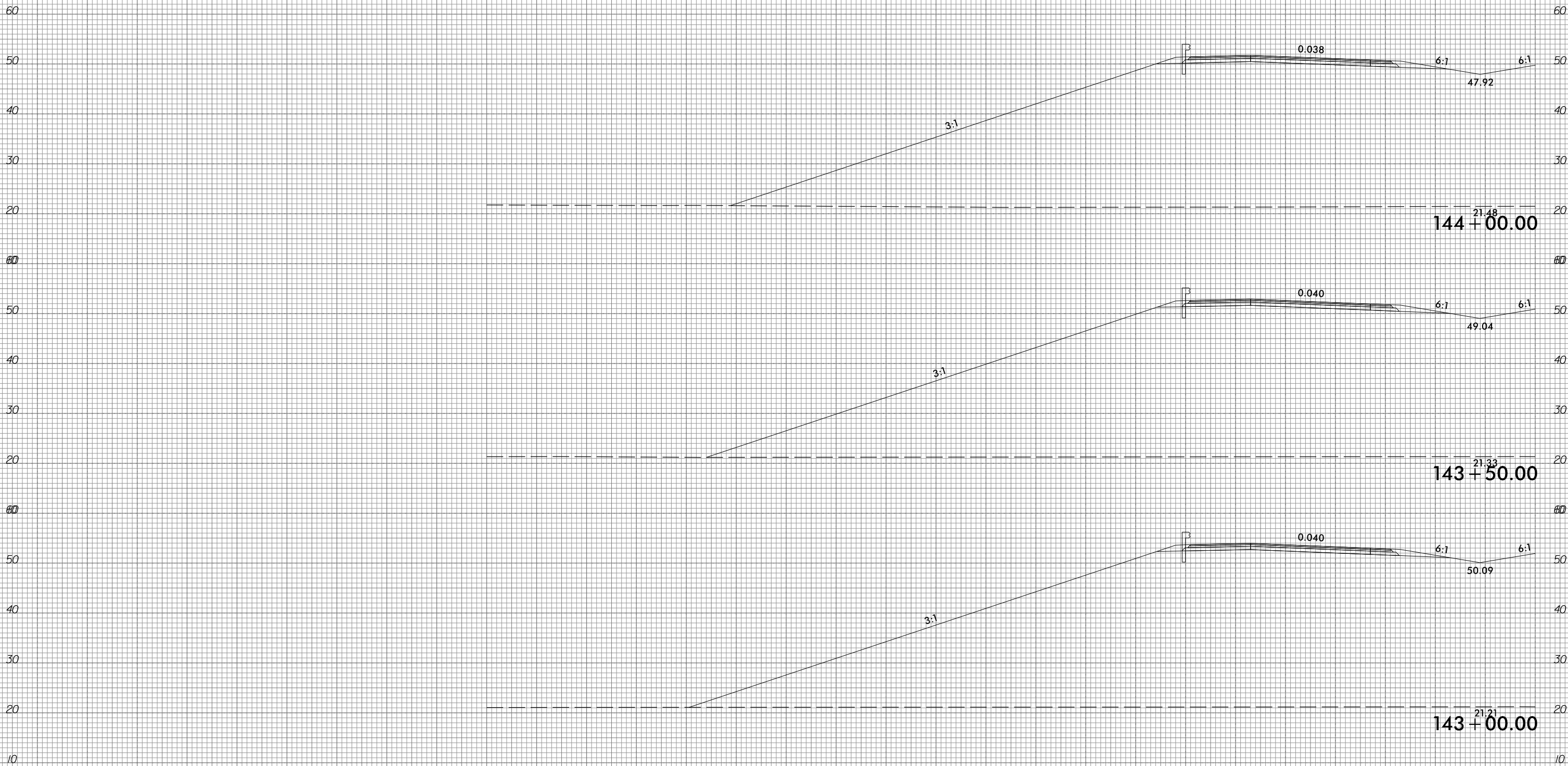
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-54

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2016  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn  
gncdlin

6/23/16



PROJ. REFERENCE NO.	R-1015
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SHEET NO.	X-55
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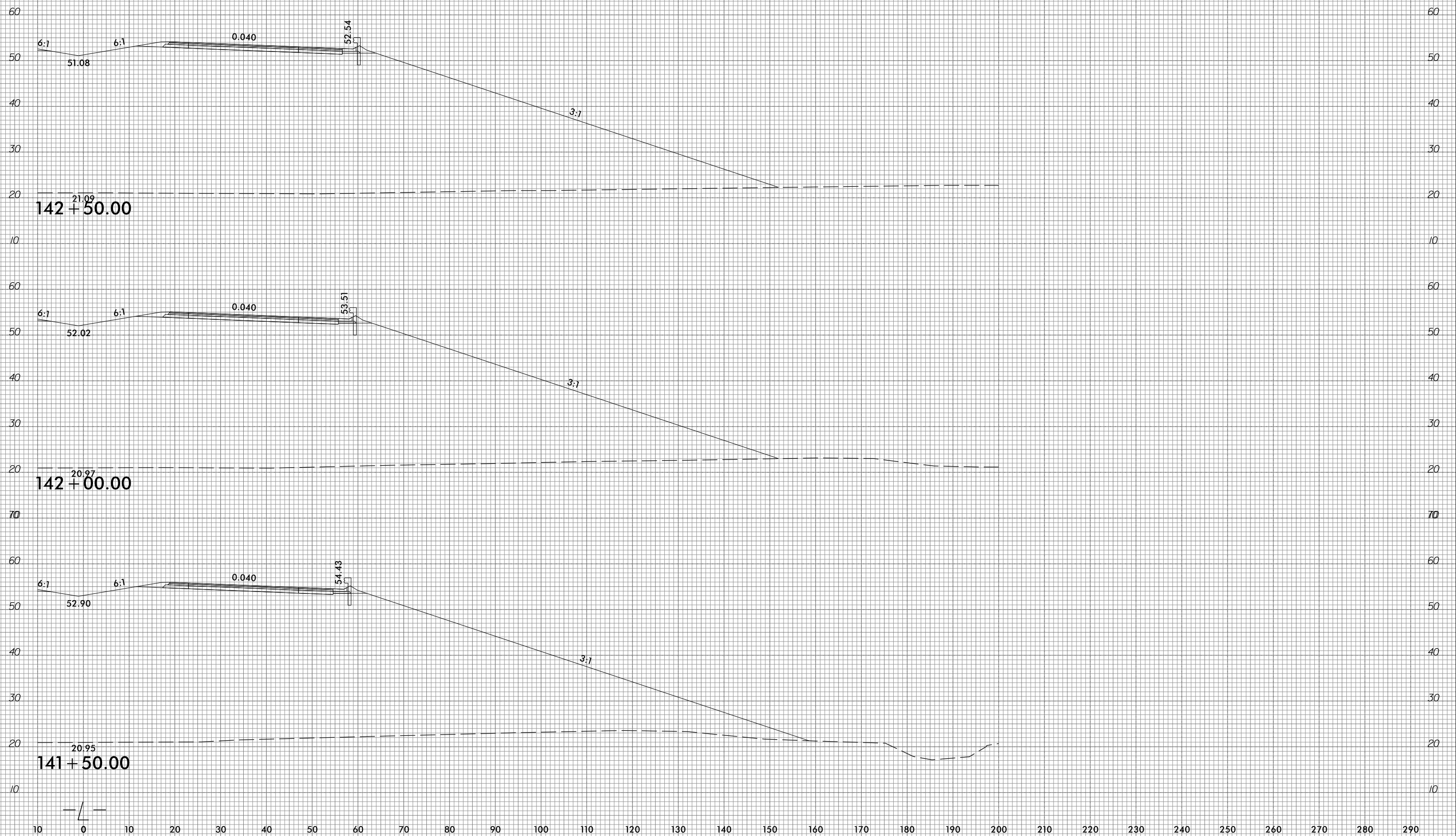
290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



10/31/2018  
 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn  
 gncdlin



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

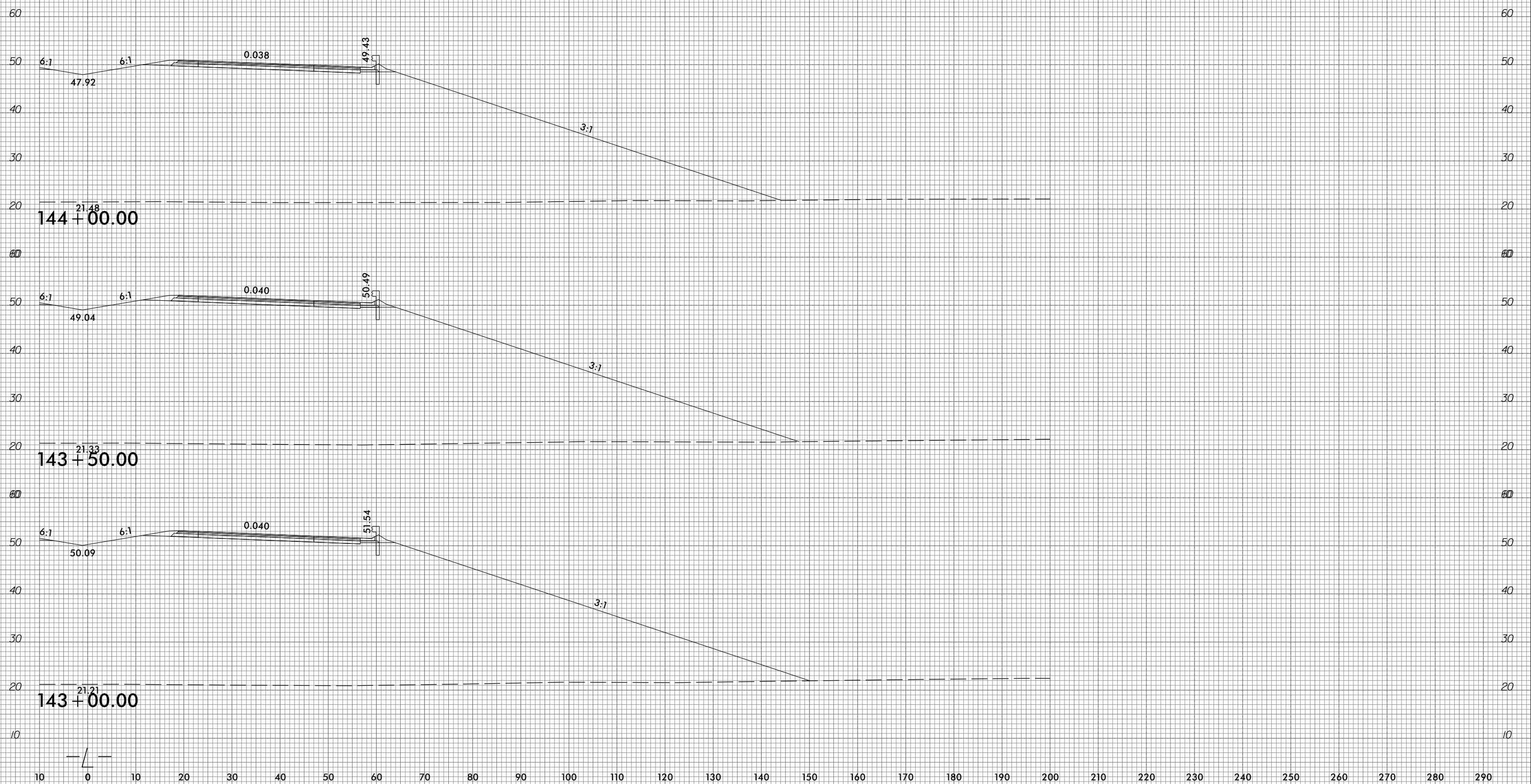


6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-57

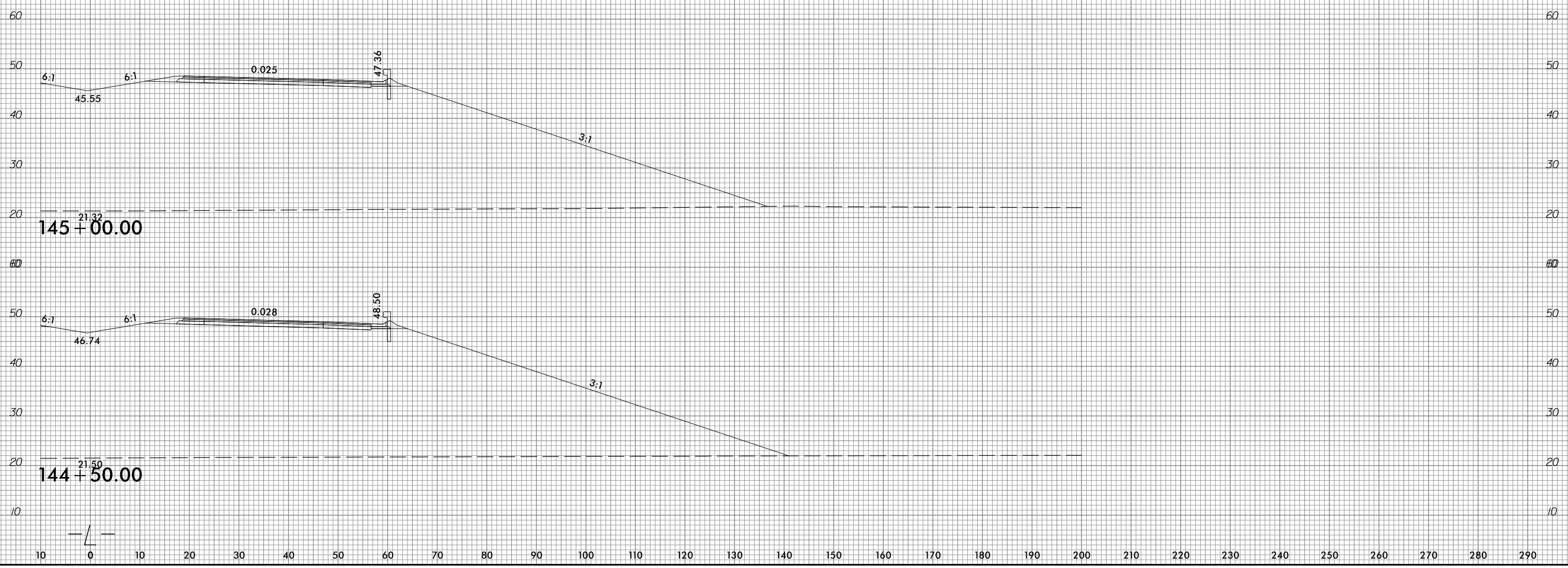
10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



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 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn  
 gmc31in



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



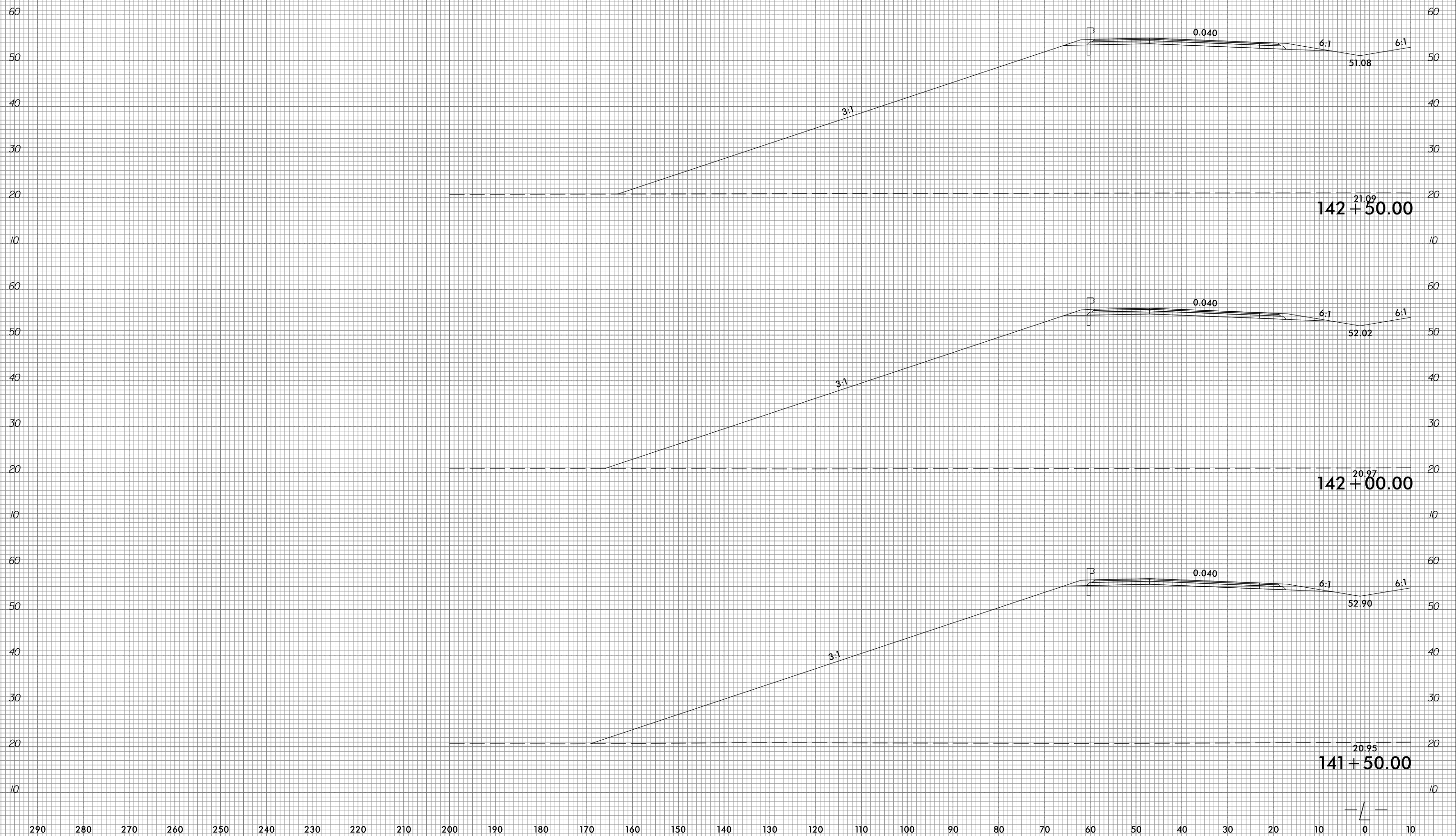
10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-53

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



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 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
 gmc311

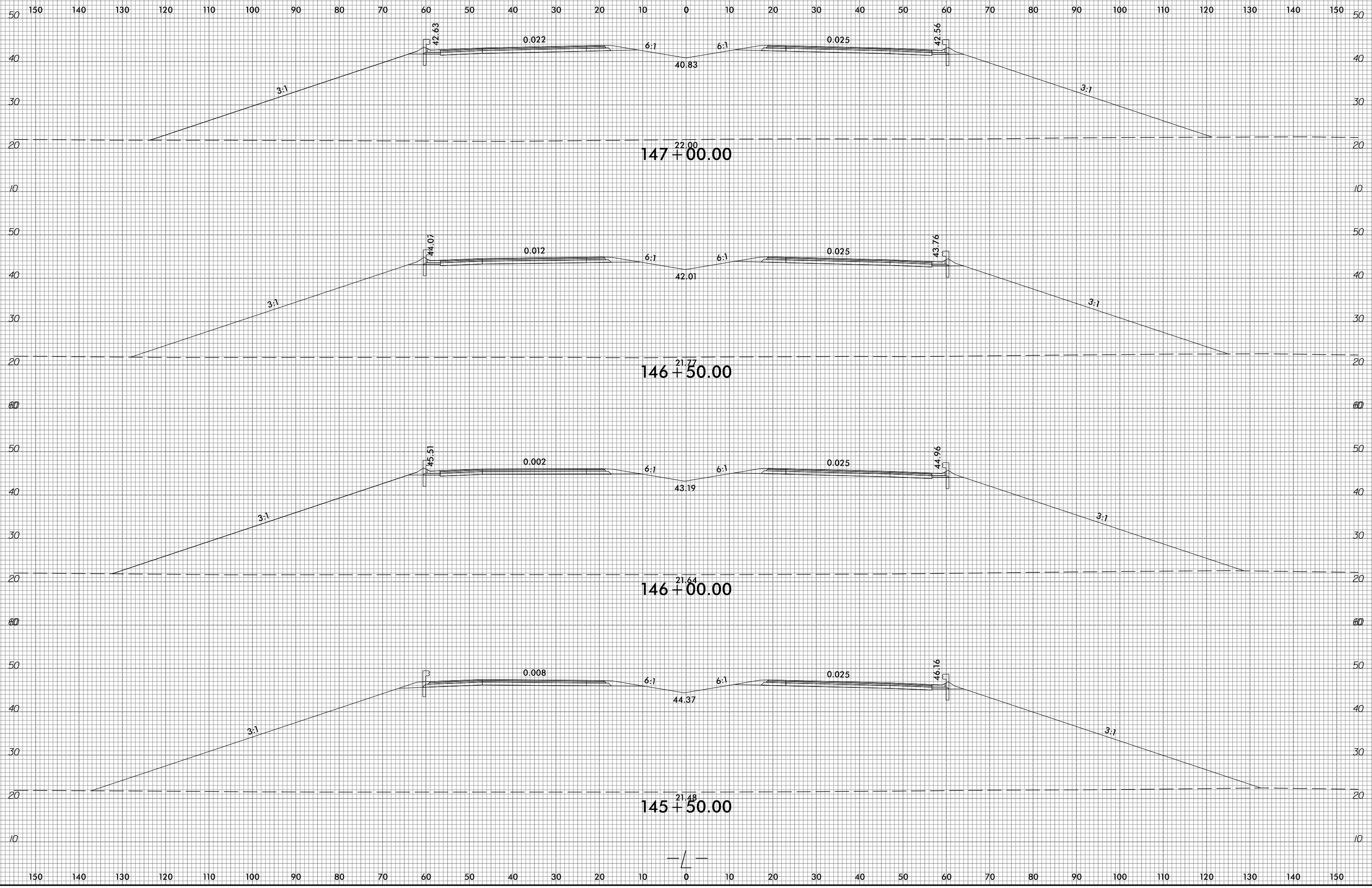
290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-59

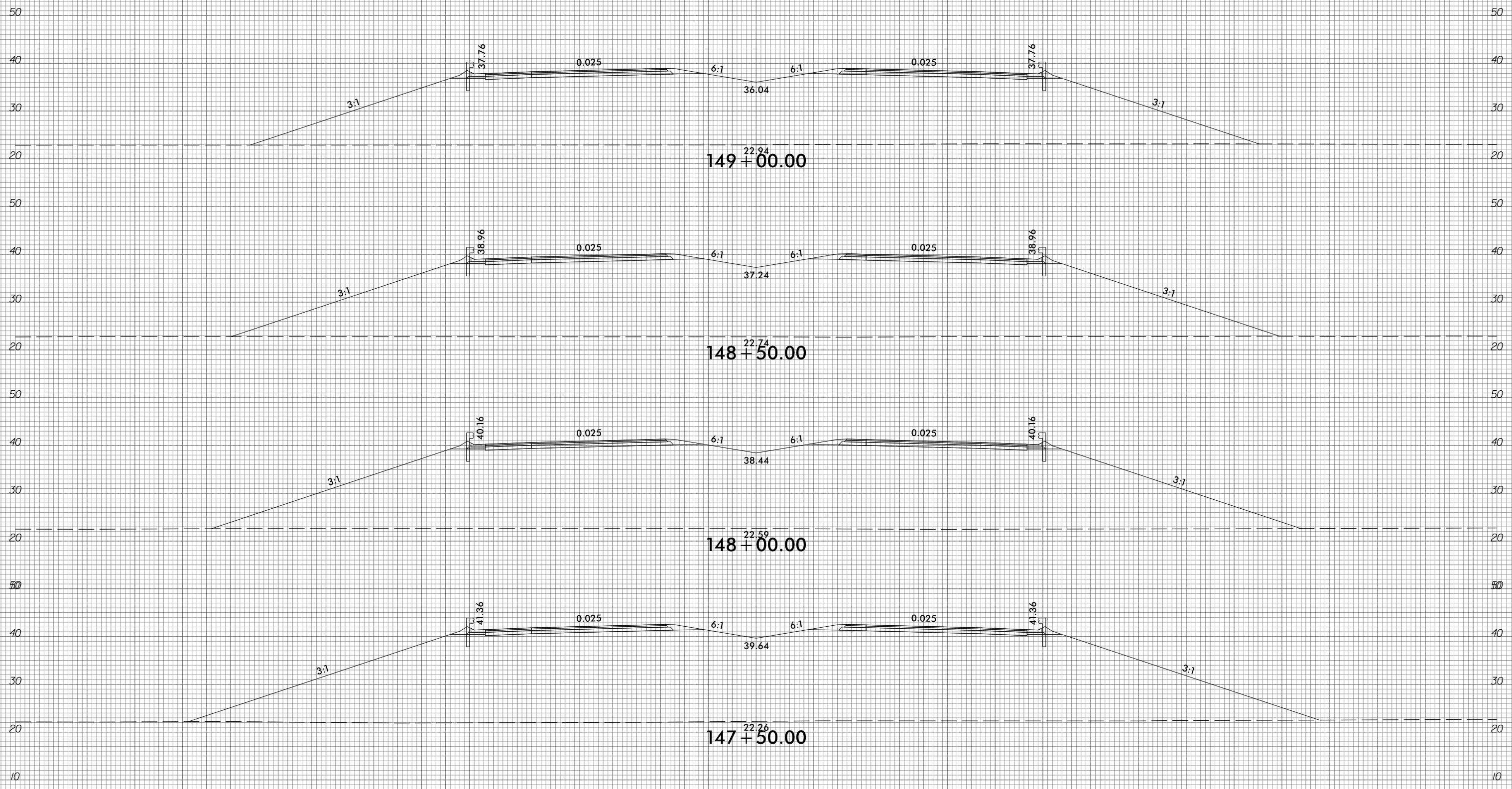


10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gmc31in



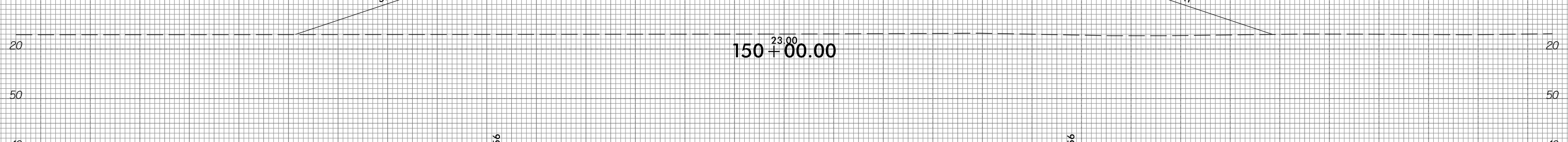
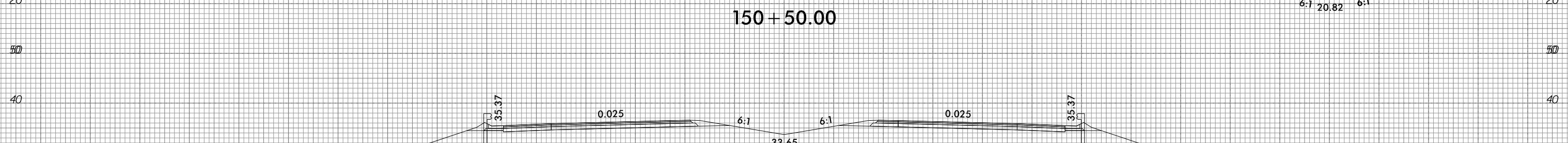
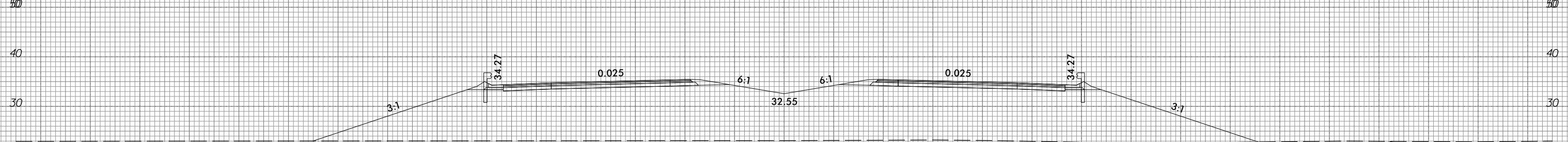
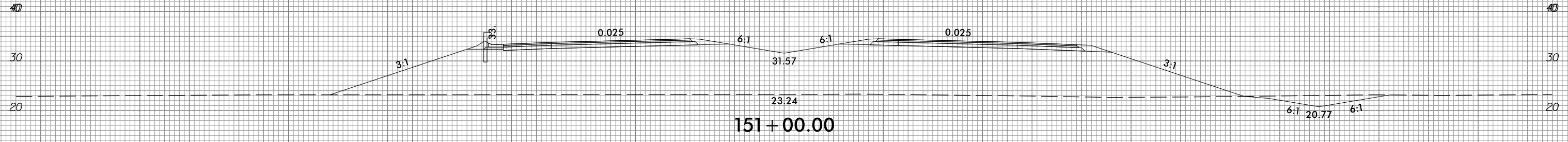
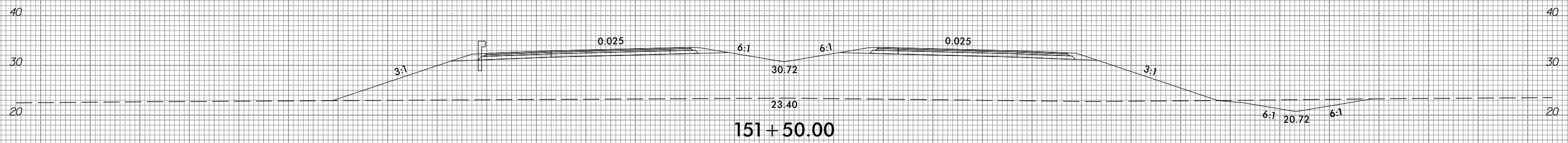


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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

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



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

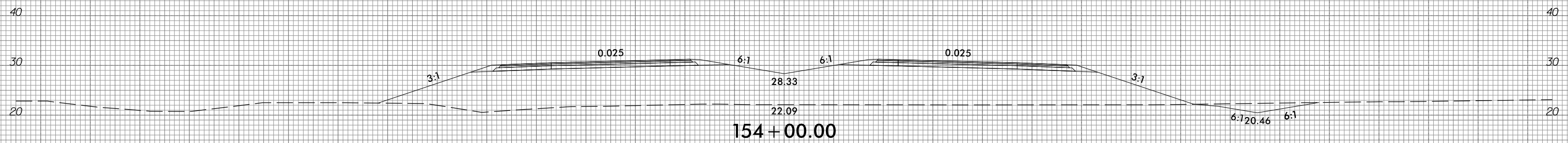
6/23/16



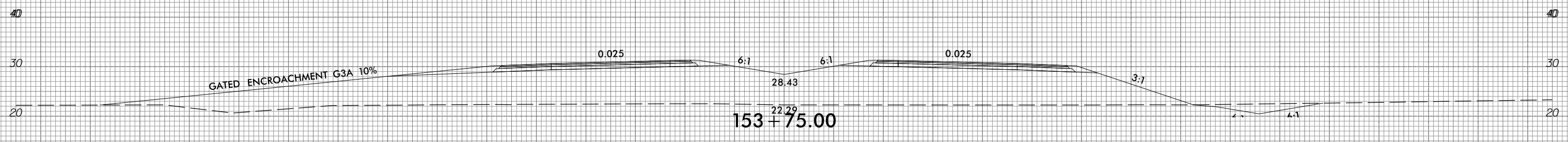
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-62

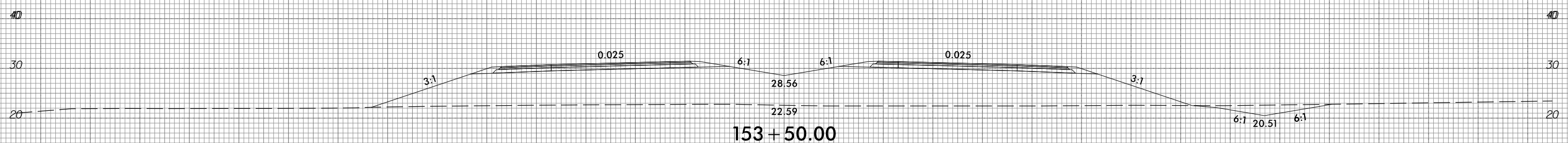
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



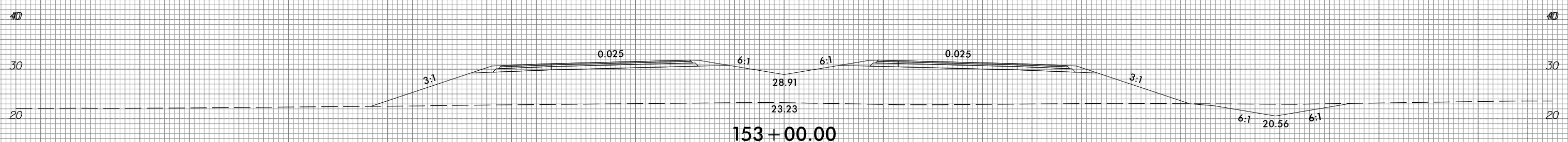
154 + 00.00



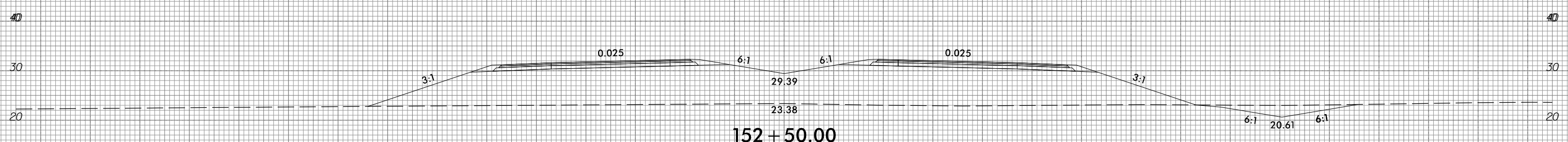
153 + 75.00



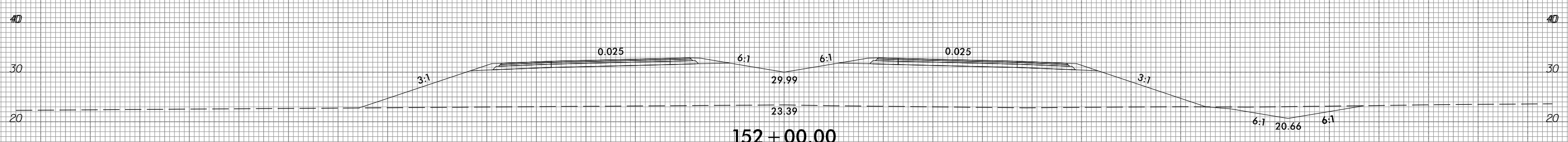
153 + 50.00



153 + 00.00



152 + 50.00



152 + 00.00

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

10/31/2016 10:47:29 AM G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn gncdlin

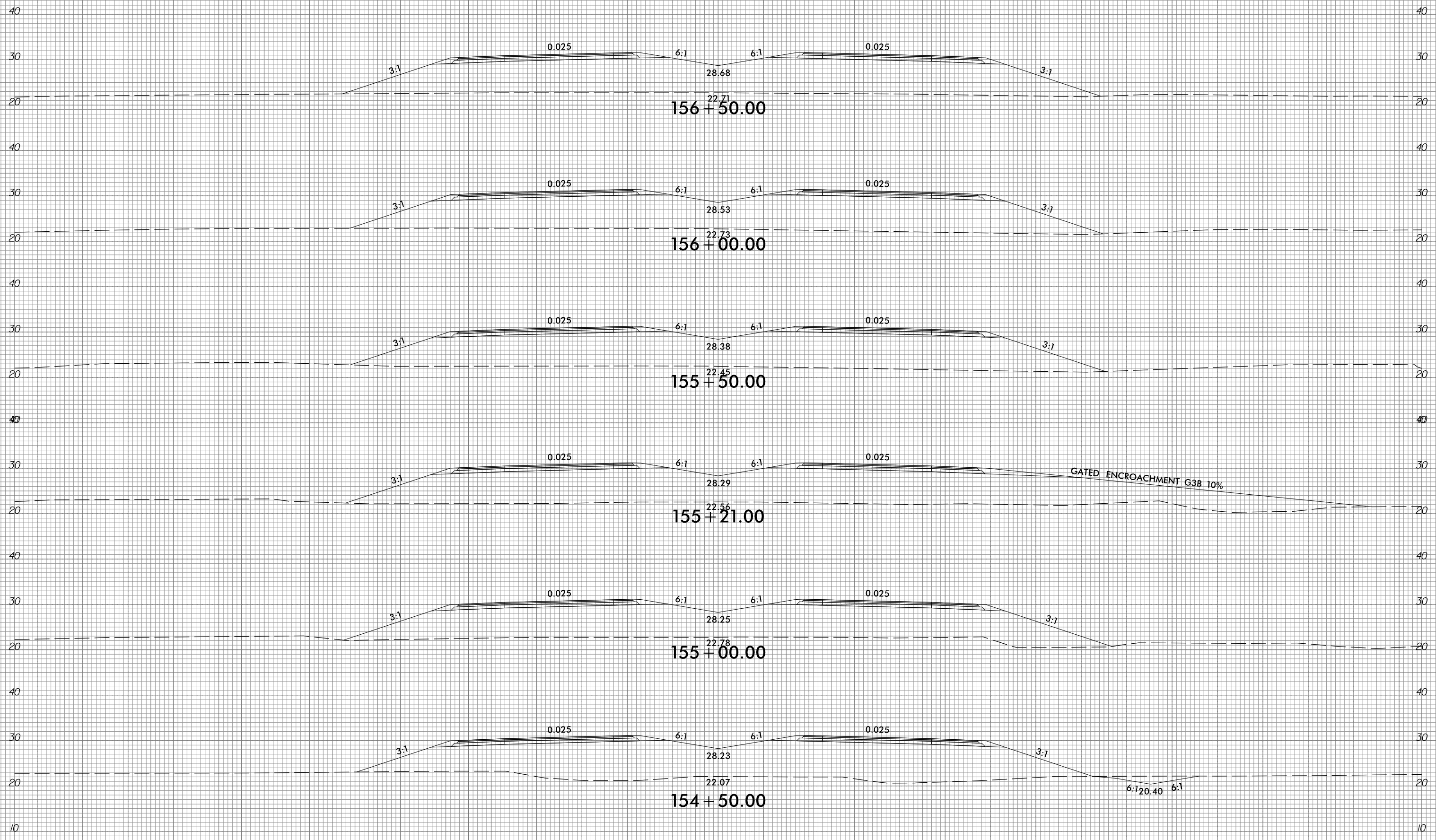
6/23/16



PROJ. REFERENCE NO.	R-1015
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SHEET NO.	X-63
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



10/31/2018  
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 gncdlin

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

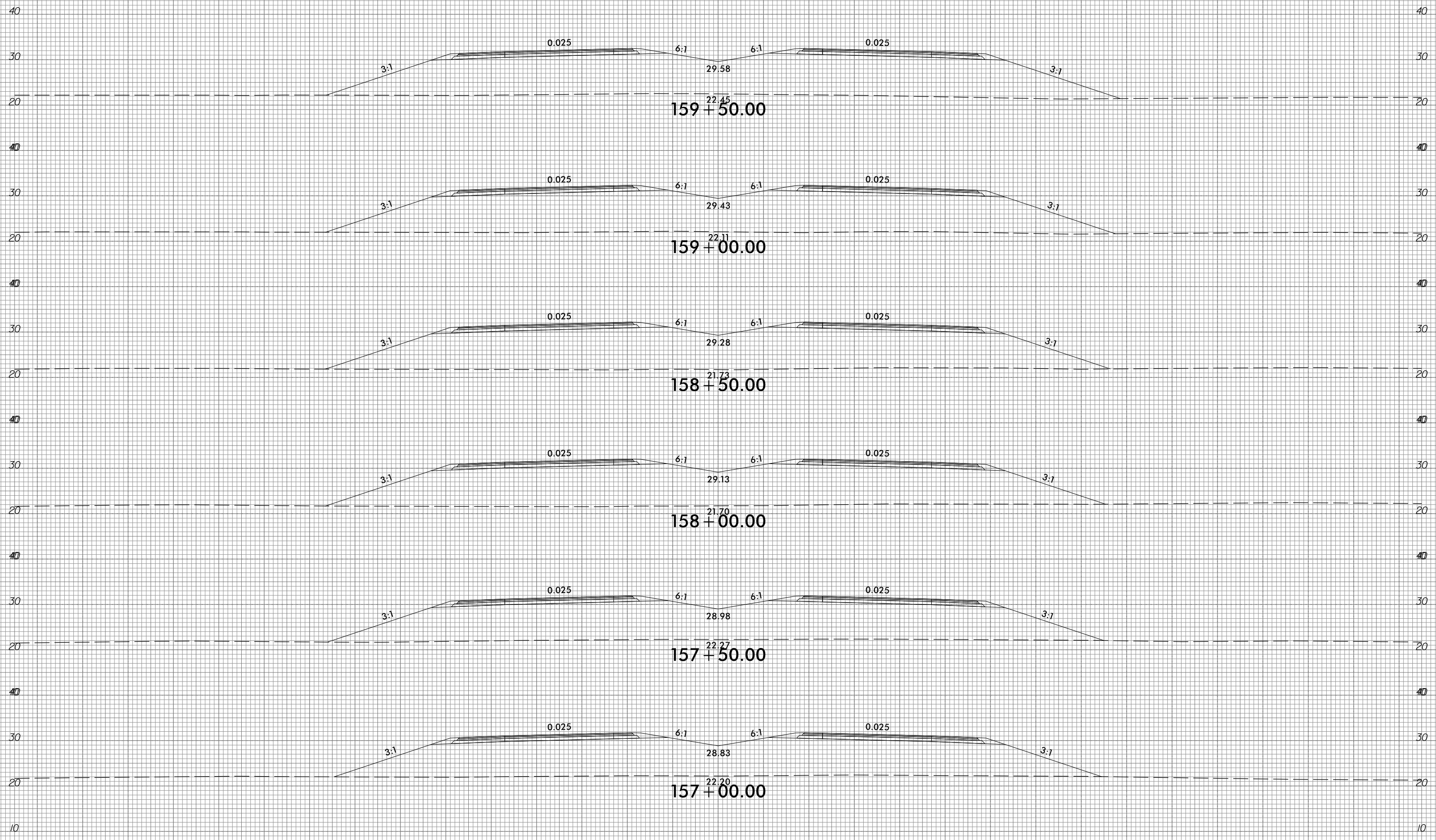
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-64

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

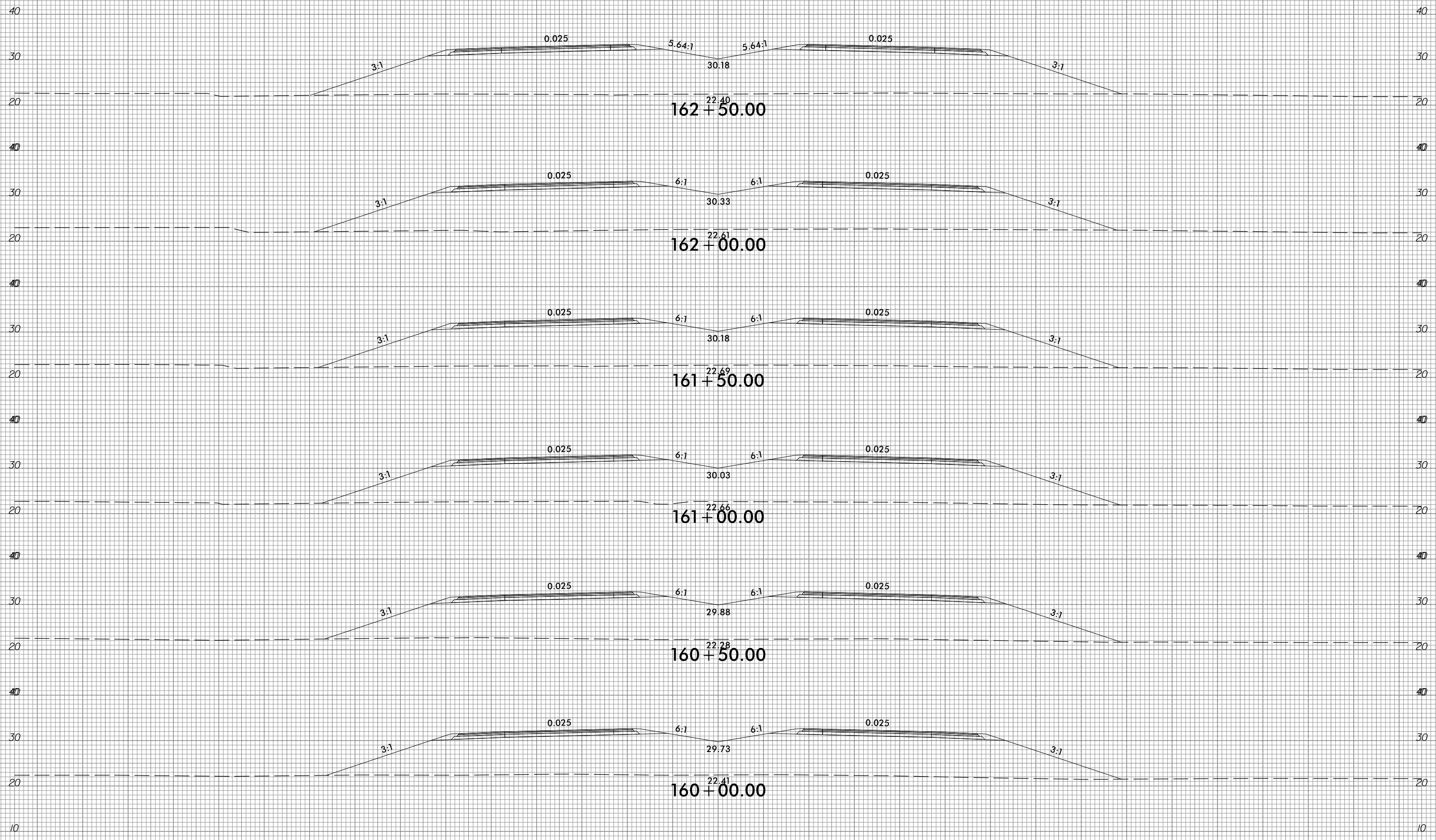


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gncdlin



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



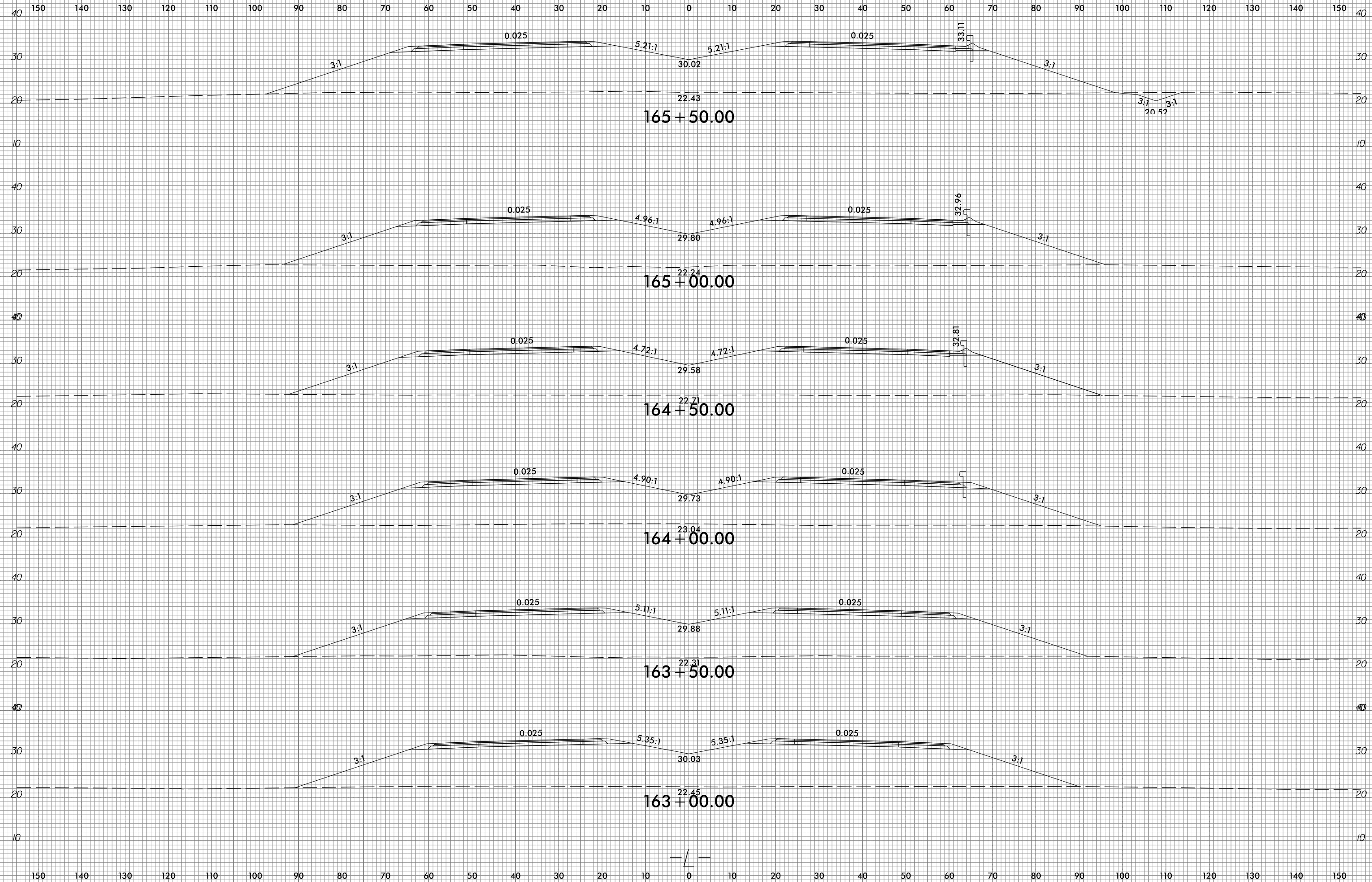
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-66



10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gmc311

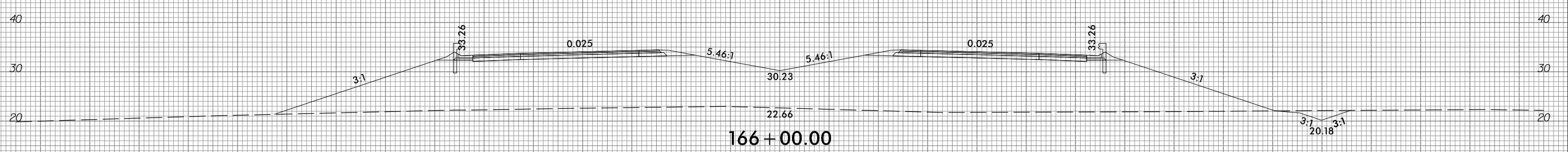
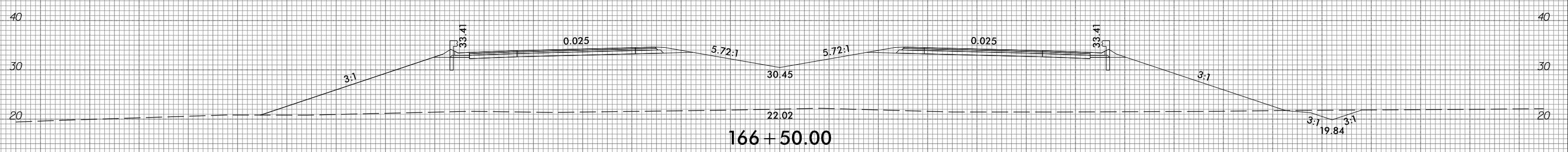
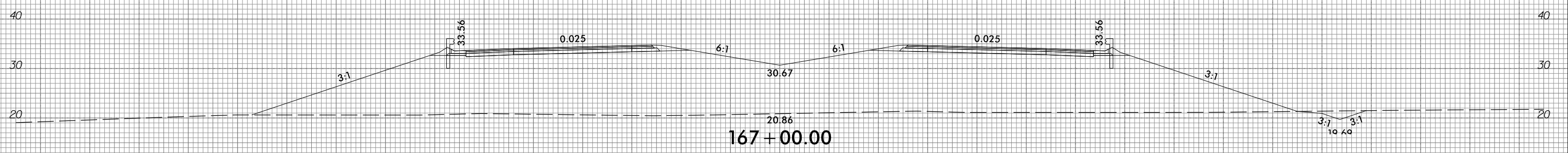
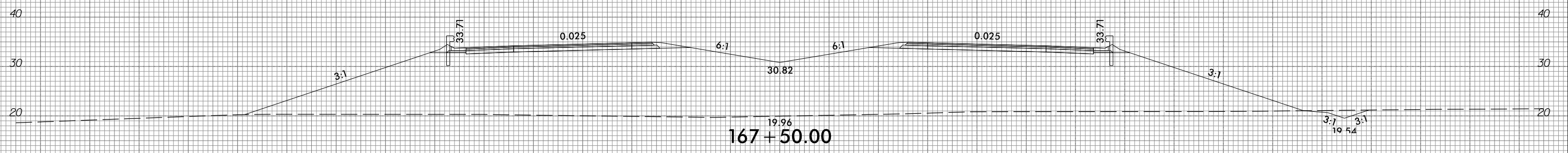
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-67

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



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

10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gmc31in

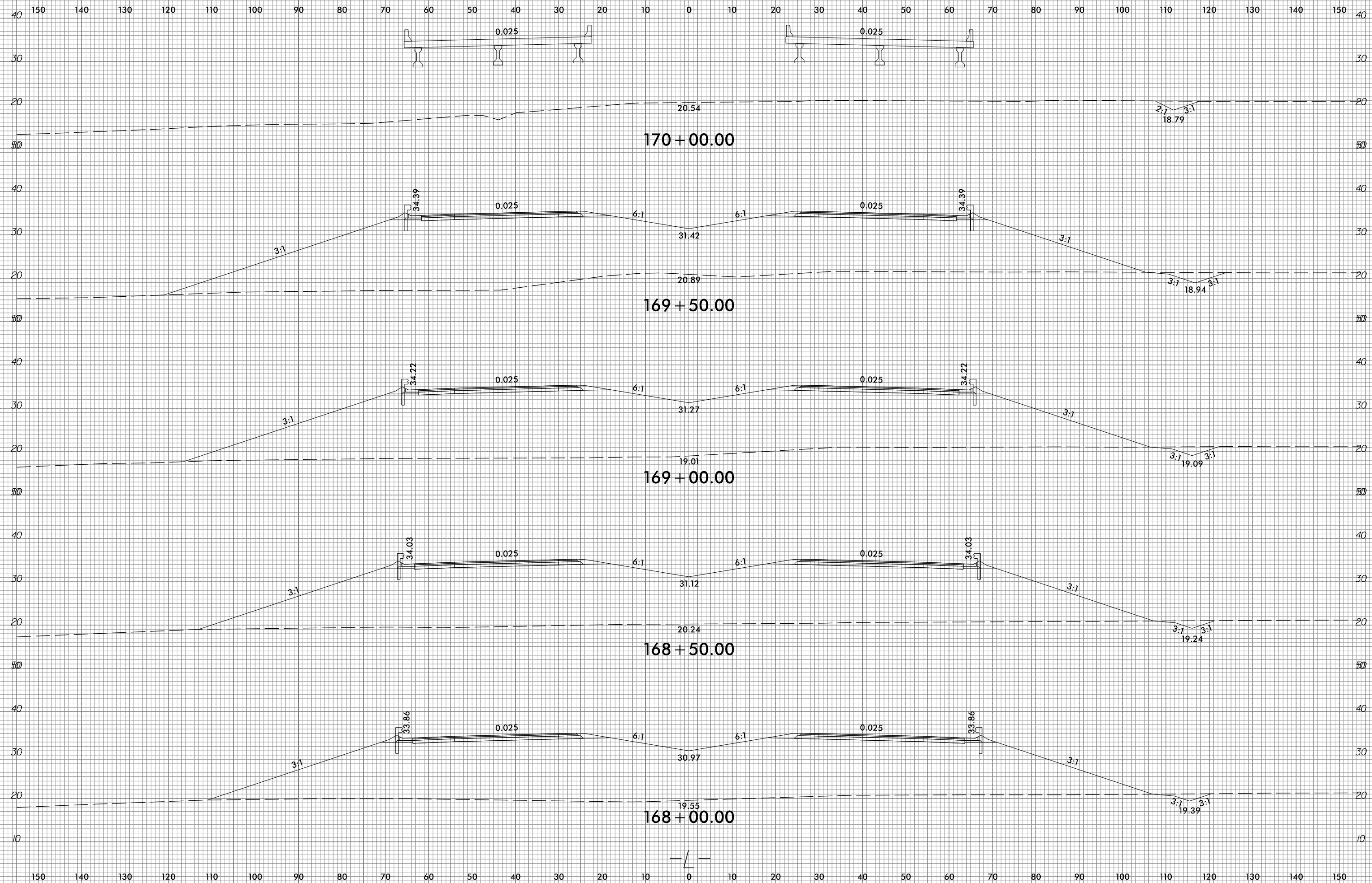


6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-68



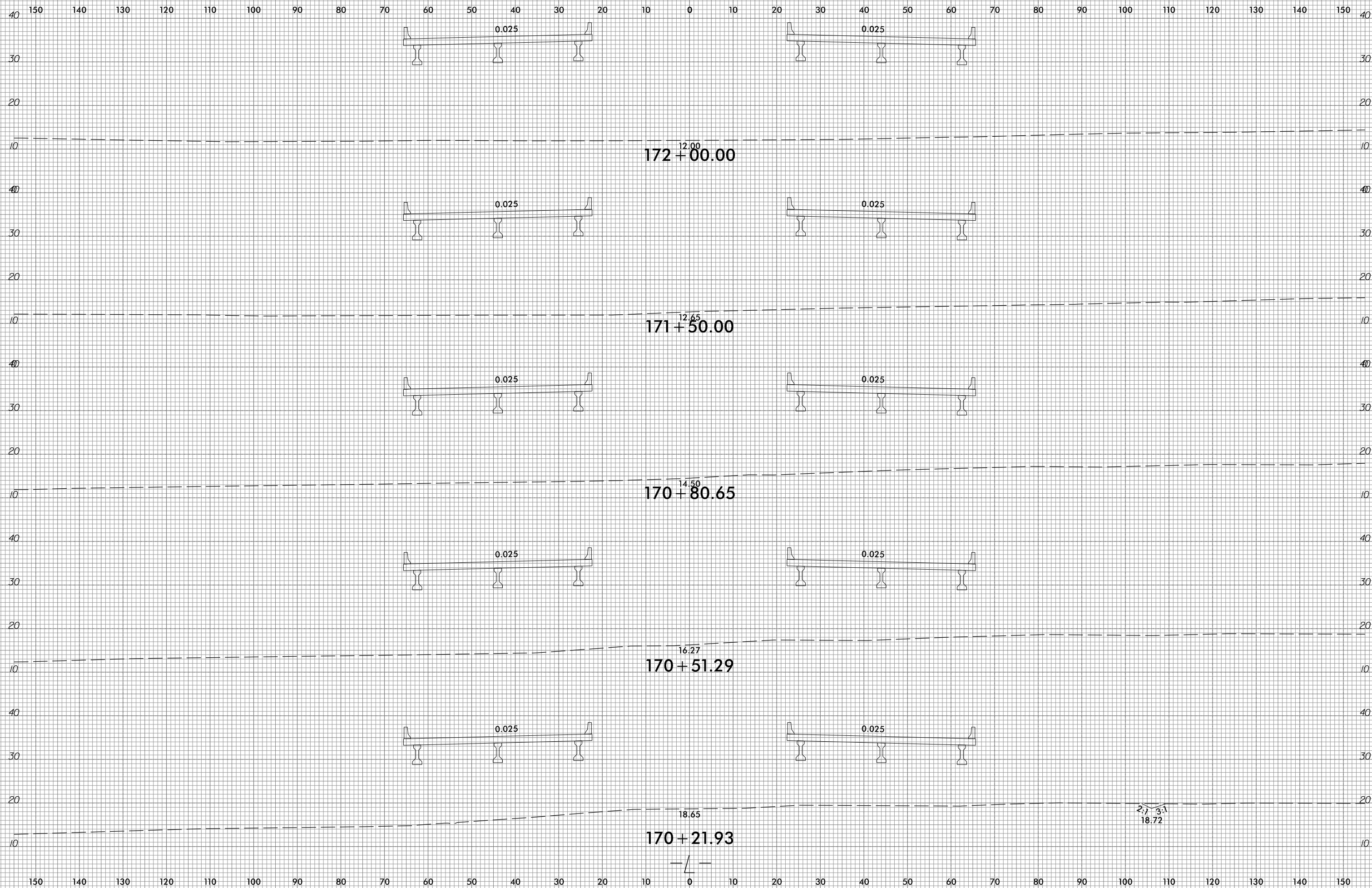
10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gncdlin

6/23/16



PROJ. REFERENCE NO.  
R-1015

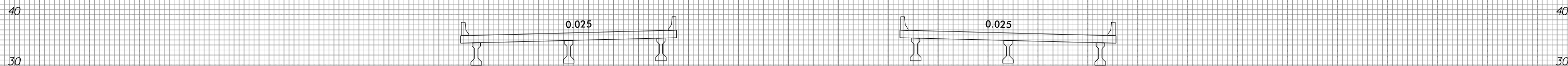
SHEET NO.  
X-69



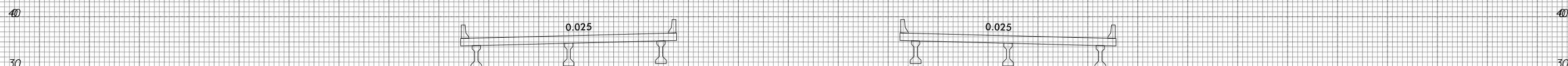
10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn  
gncdlin



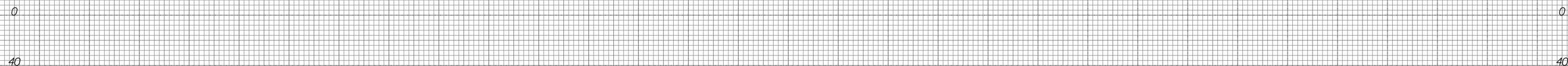
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



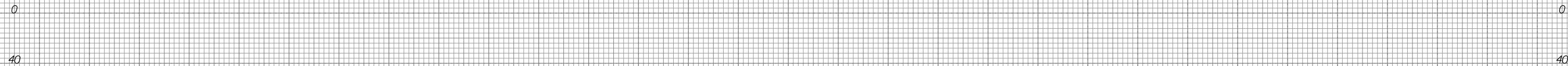
12.31  
**174+00.00**



12.05  
**173+50.00**



11.76  
**173+00.00**



12.05  
**172+50.00**

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

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

50

50

40

40

30

30

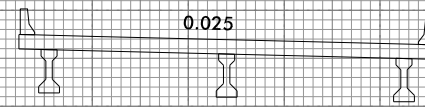
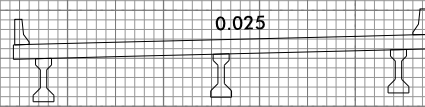
20

20

10

10

13.77  
176+00.00



40

40

30

30

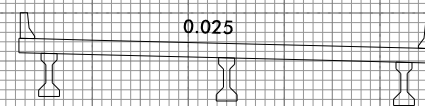
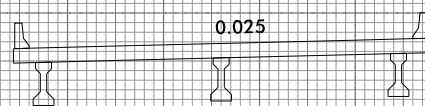
20

20

10

10

13.27  
175+50.00



40

40

30

30

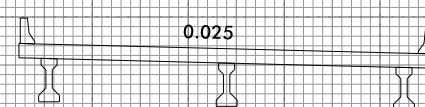
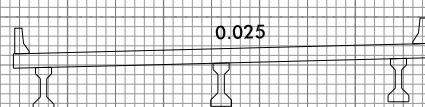
20

20

10

10

12.49  
175+00.00



40

40

30

30

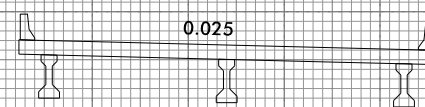
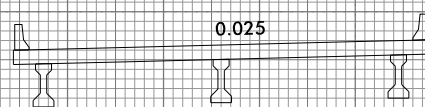
20

20

10

10

12.68  
174+50.00



0

0



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

6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-72

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

50 50

40 40

30 30

20 20

<sup>17.21</sup>  
178 + 00.00

50 50

40 40

30 30

20 20

<sup>15.69</sup>  
177 + 50.00

50 50

40 40

30 30

20 20

<sup>14.68</sup>  
177 + 00.00

50 50

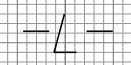
40 40

30 30

20 20

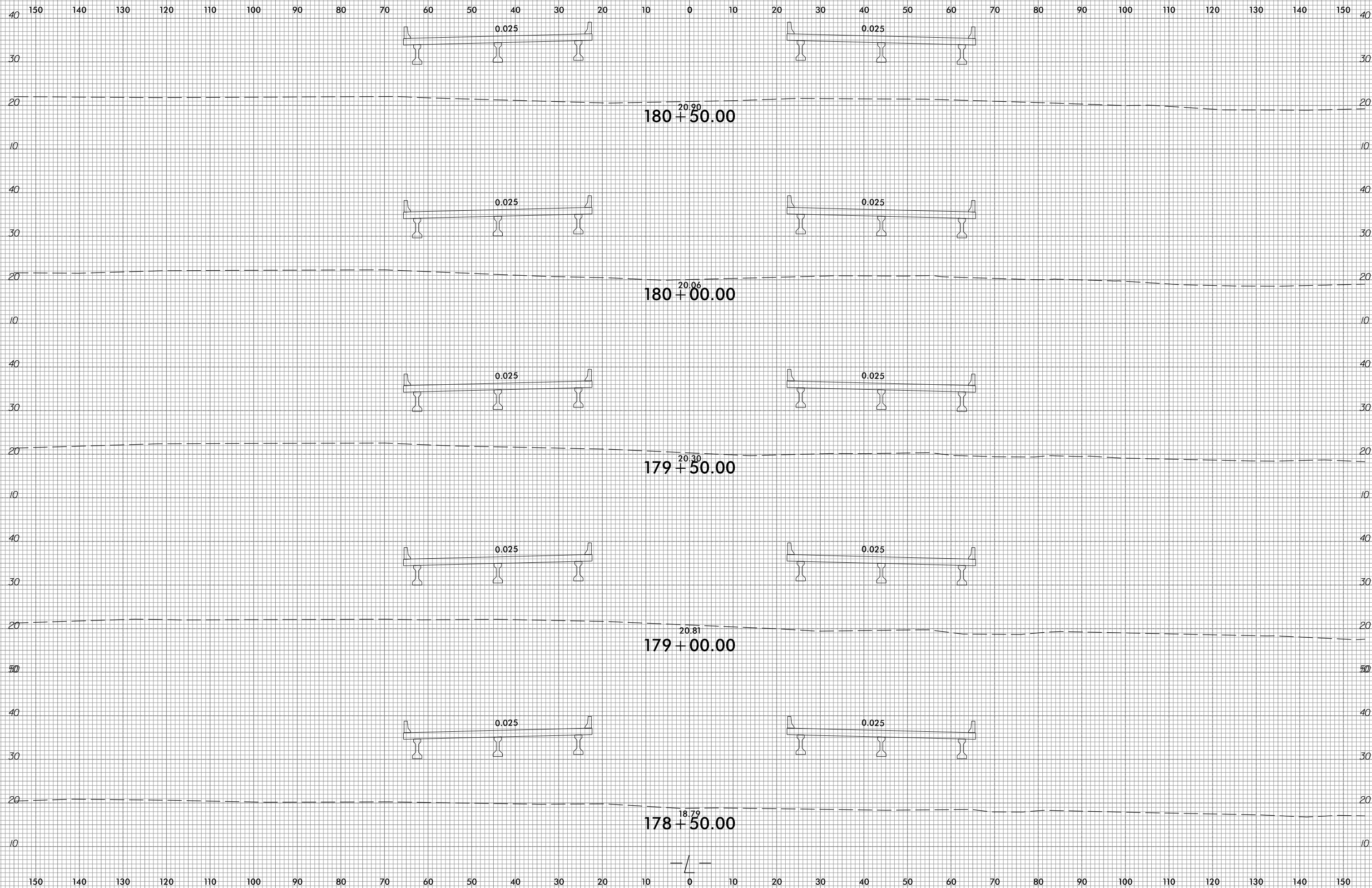
<sup>14.18</sup>  
176 + 50.00

10 10

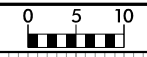


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn  
gncdlin

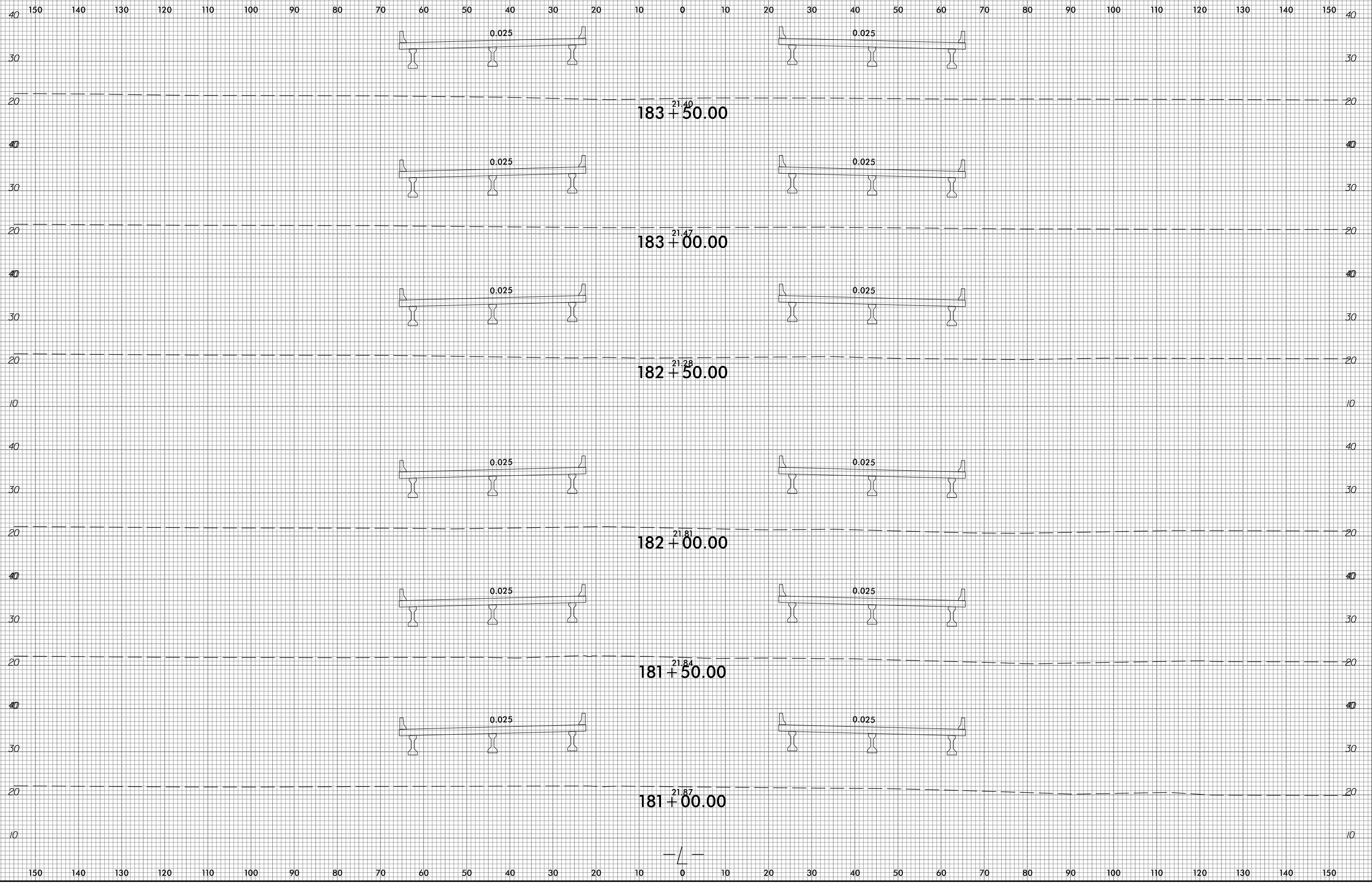


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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-74



10/31/2018  
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gnc01in

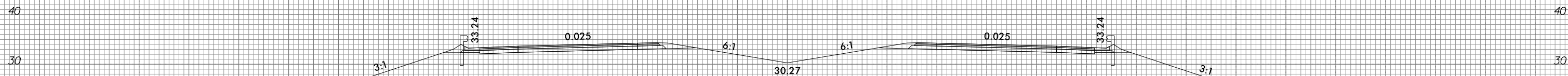
6/23/16



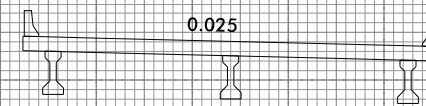
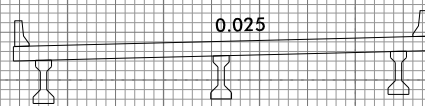
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-75

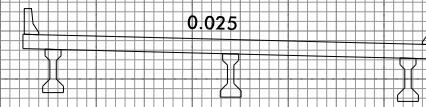
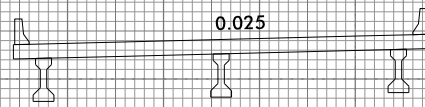
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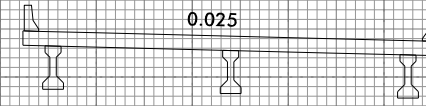
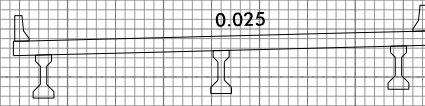
22.41  
186 + 00.00



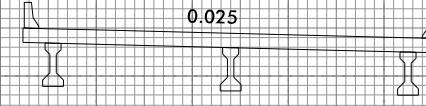
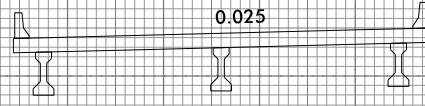
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185 + 59.92



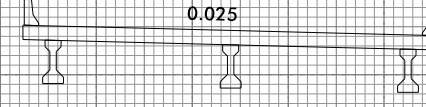
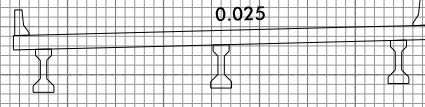
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185 + 35.63



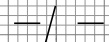
21.96  
185 + 00.00



21.87  
184 + 50.00



21.41  
184 + 00.00



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

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gncdlin



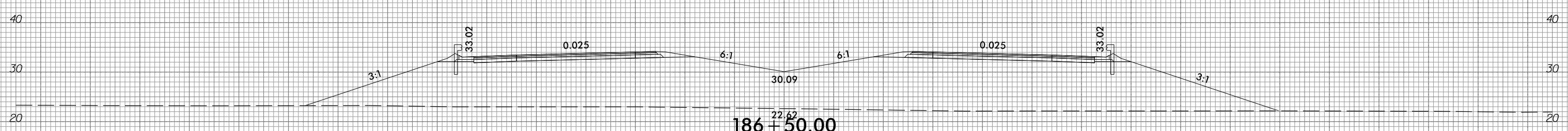
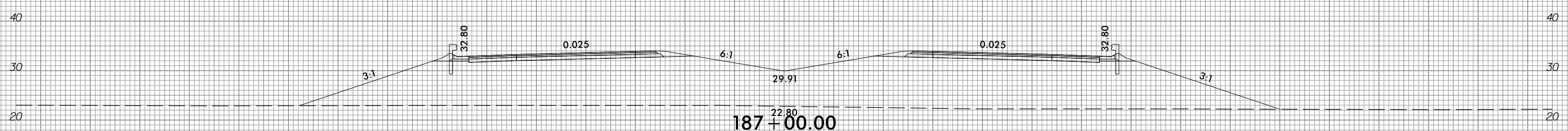
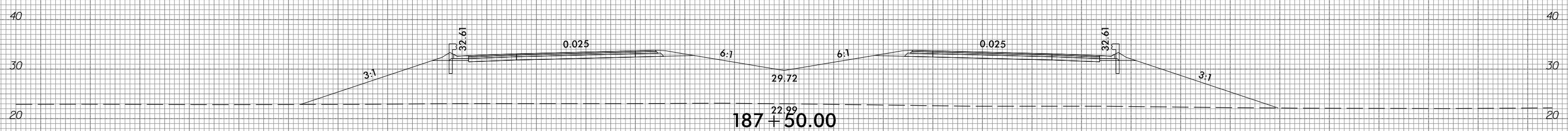
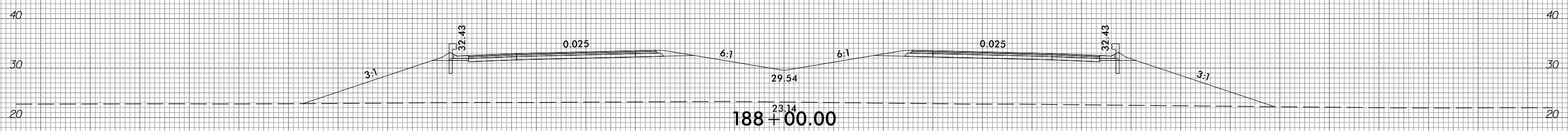
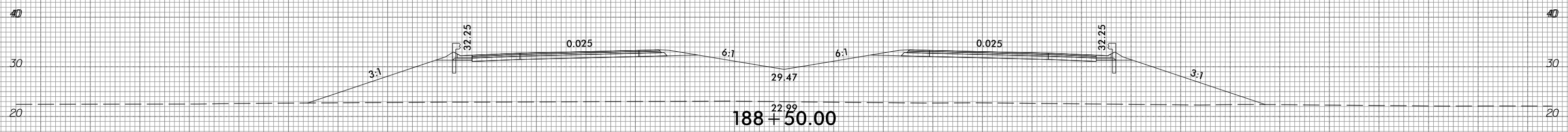
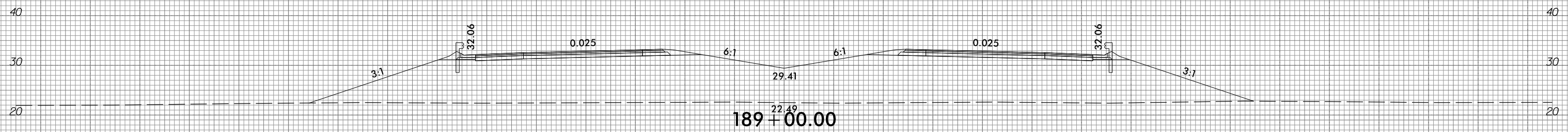
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-76

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

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gncdjin

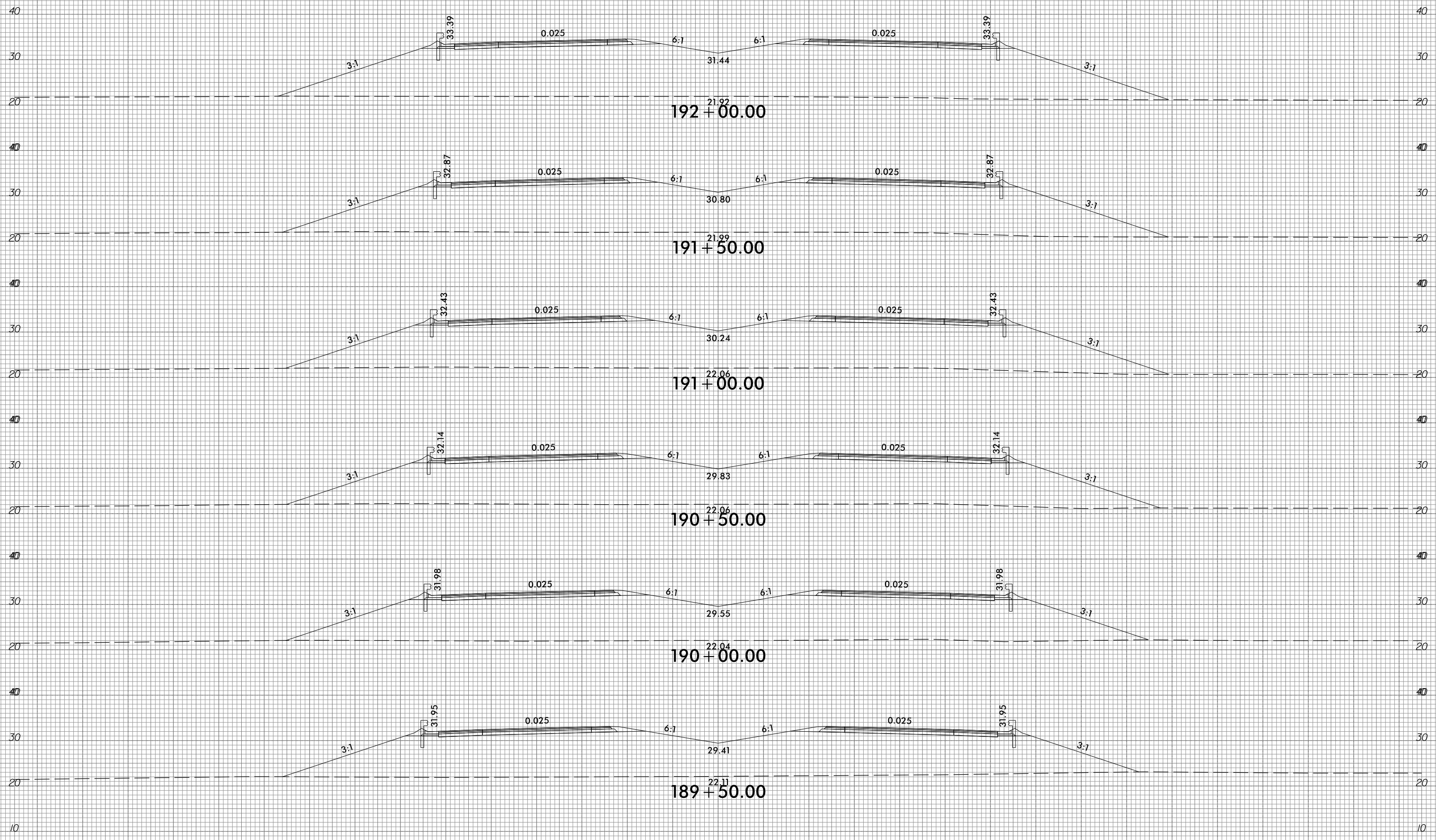
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-77

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

10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gncdjin

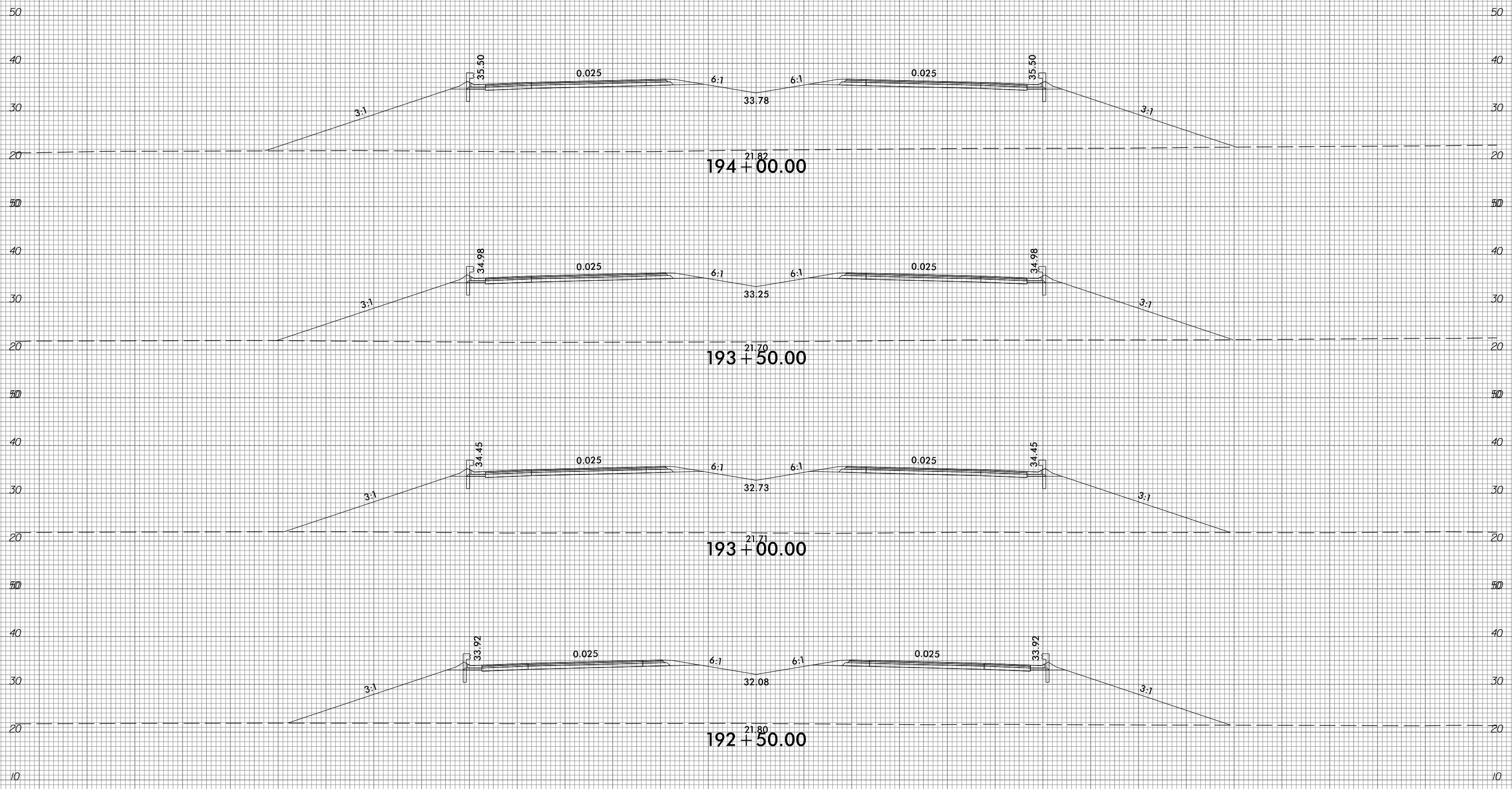
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-78

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gmc311

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

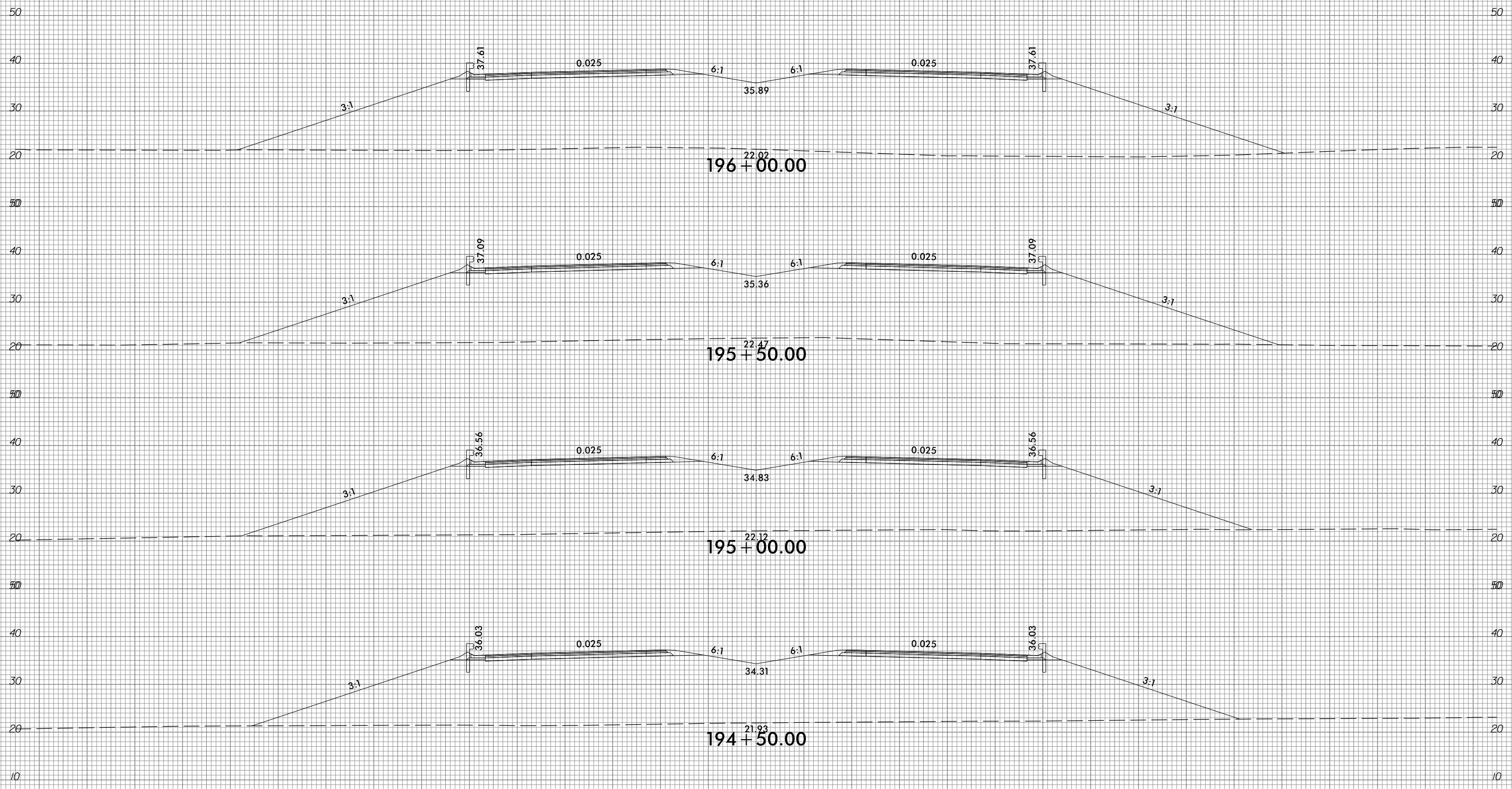
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-79

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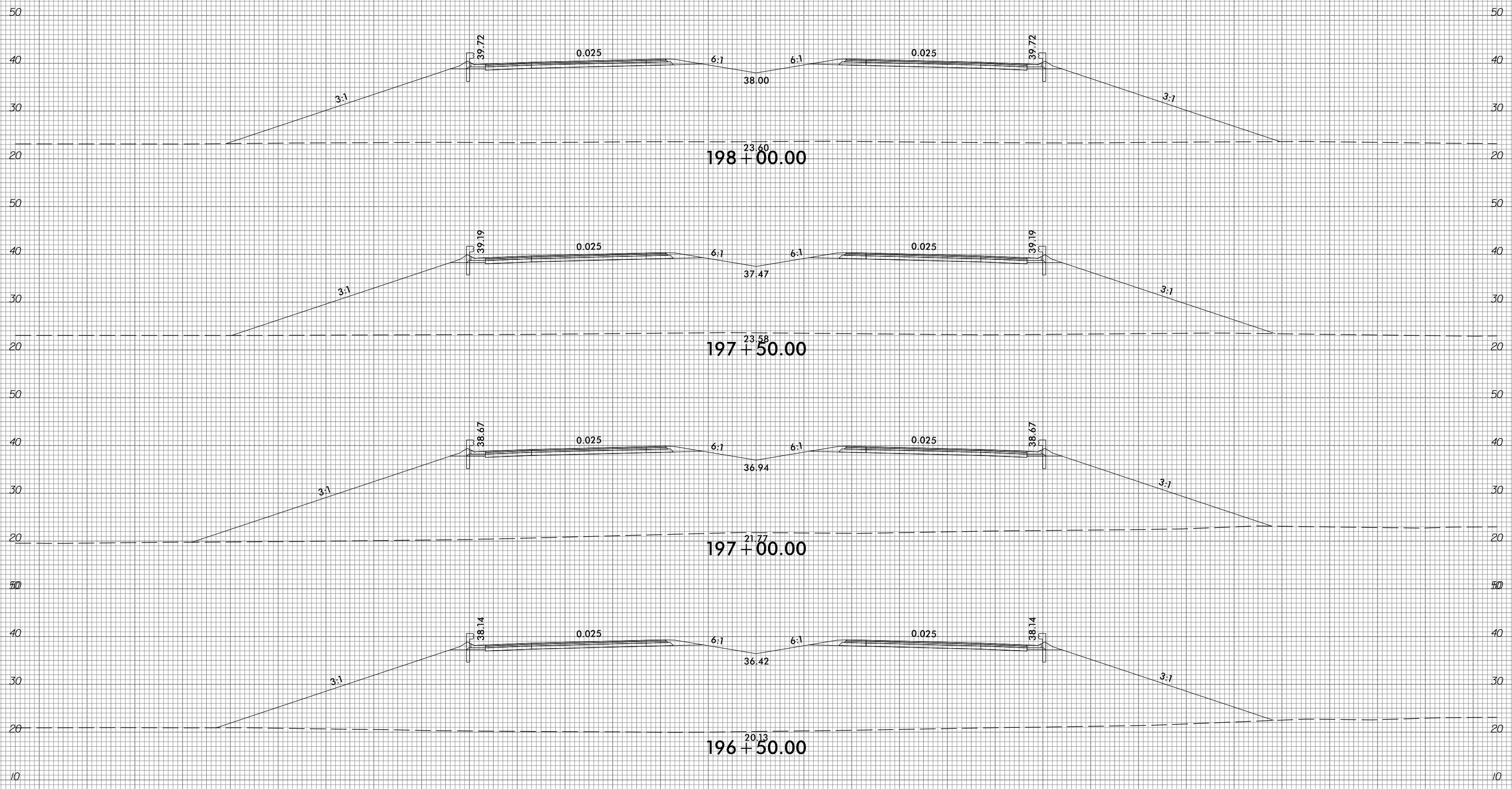


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gncdlin



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



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

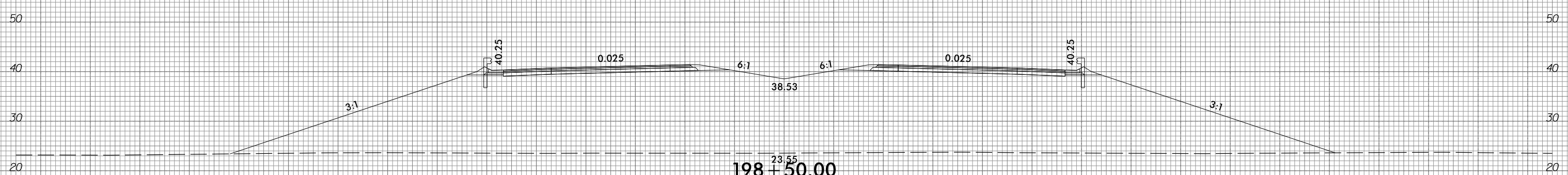
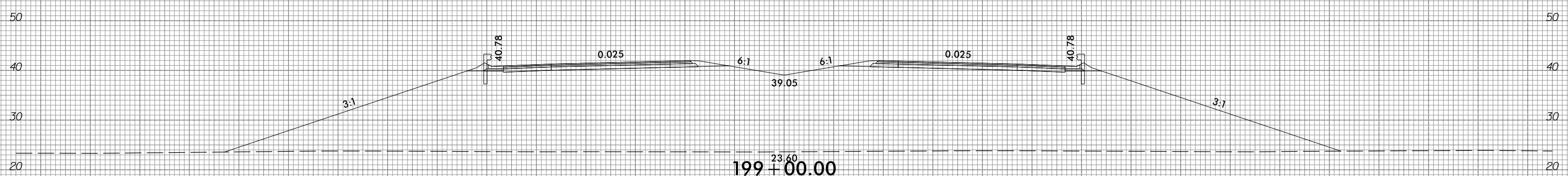
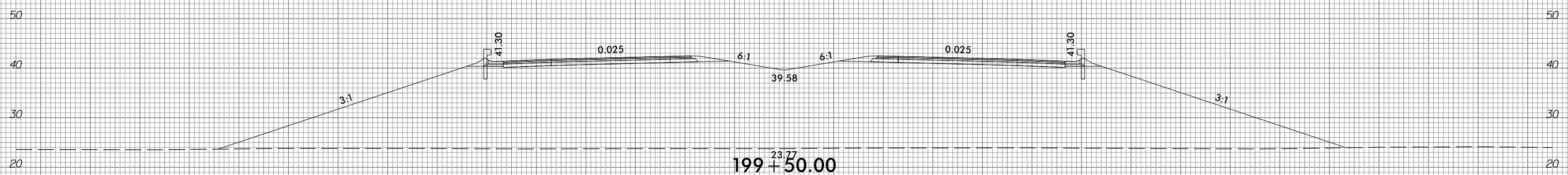
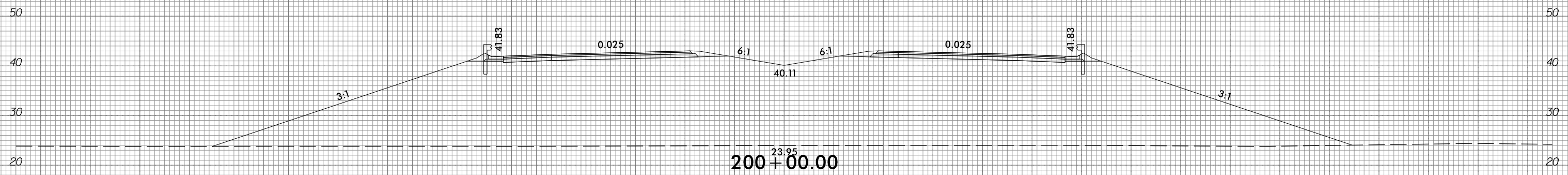
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-81

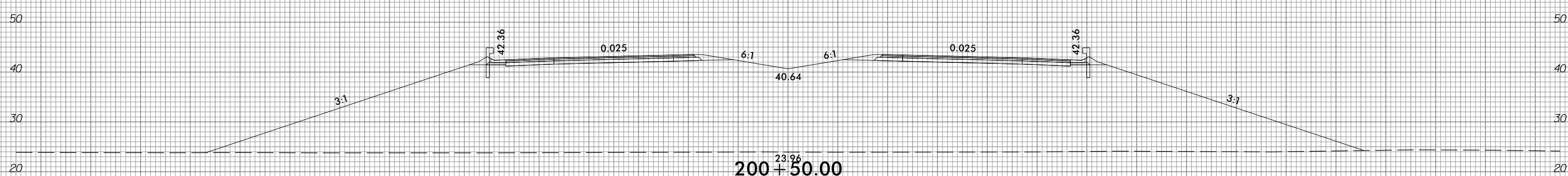
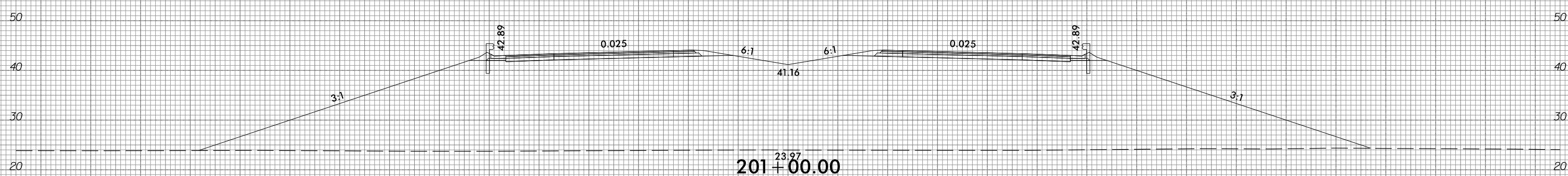
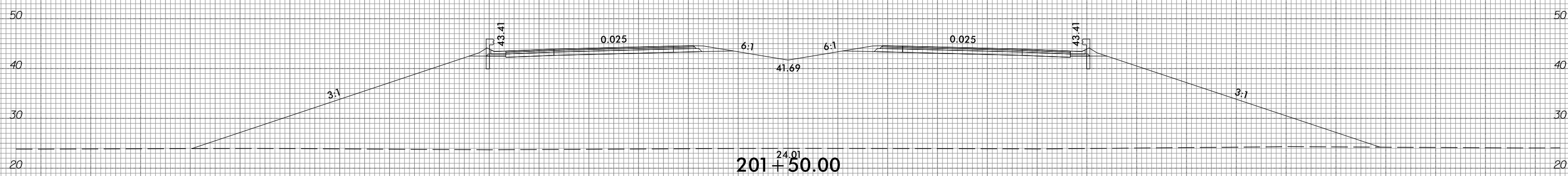
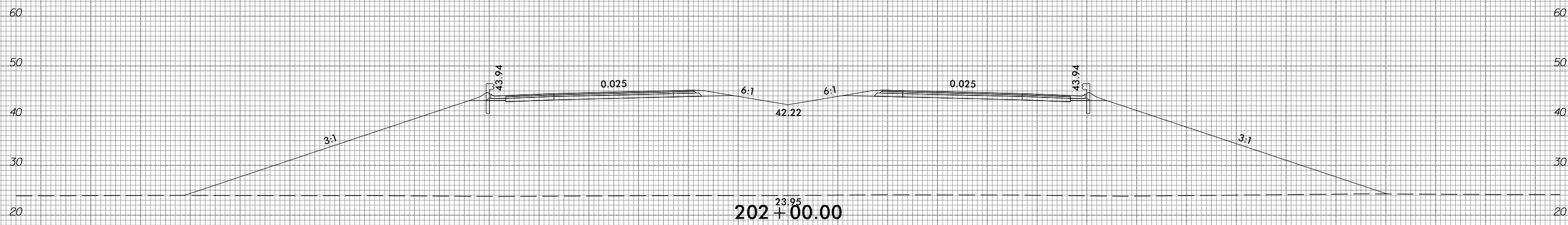
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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

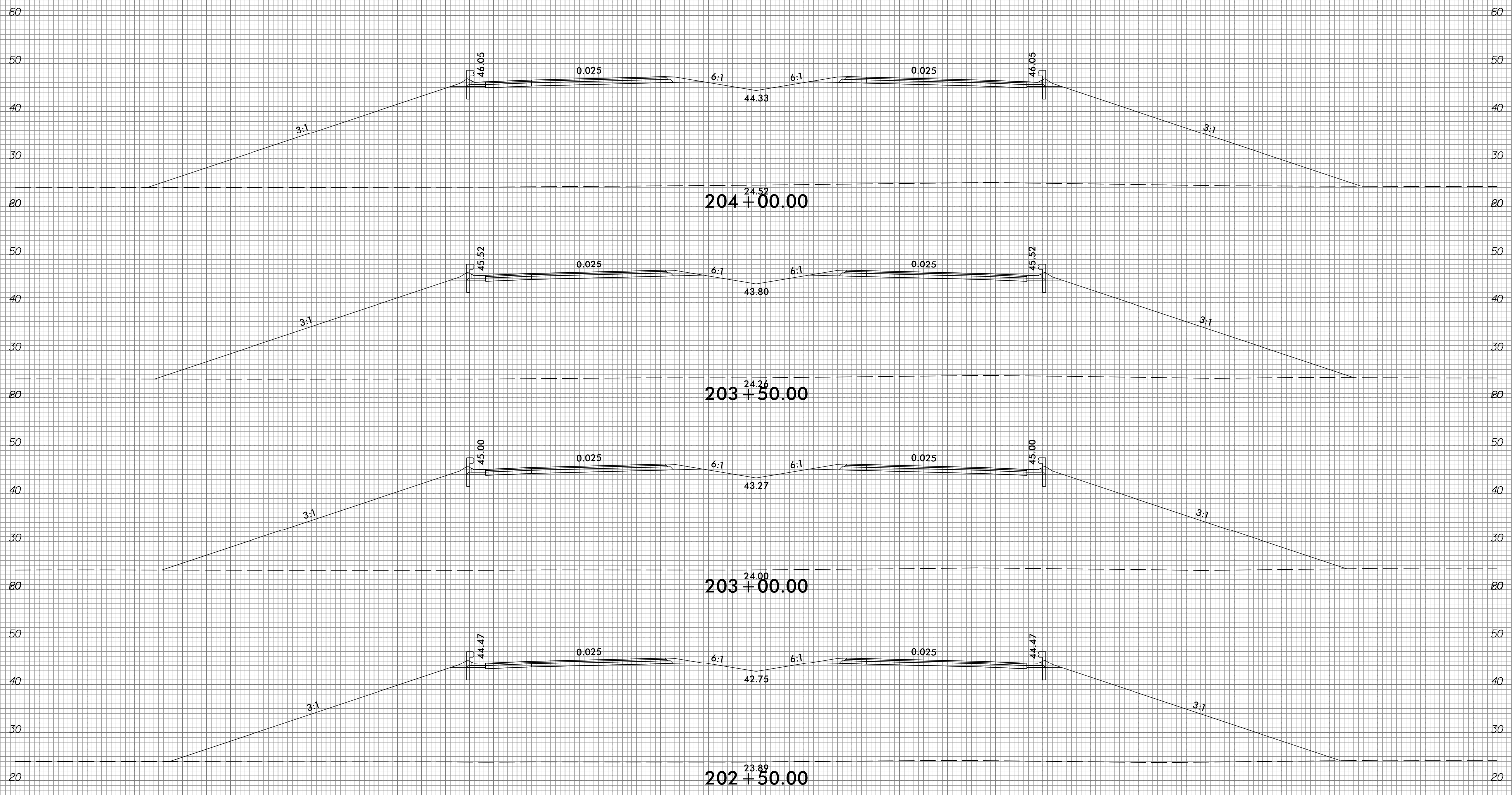
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-83

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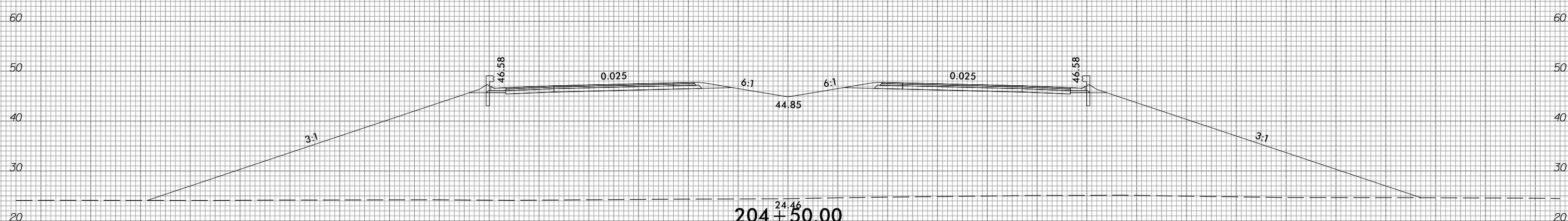
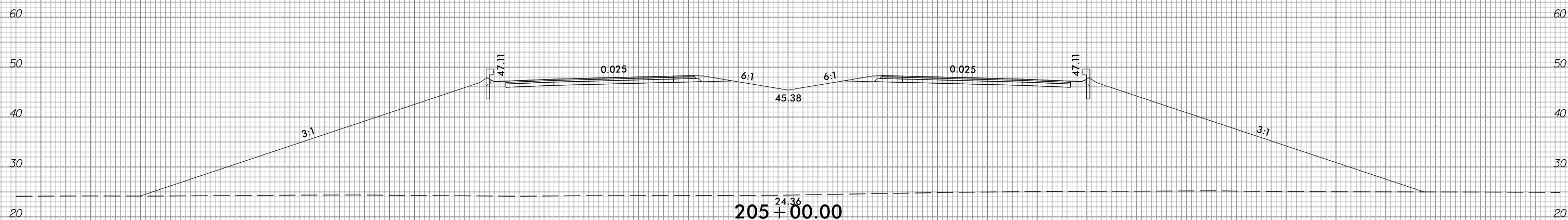
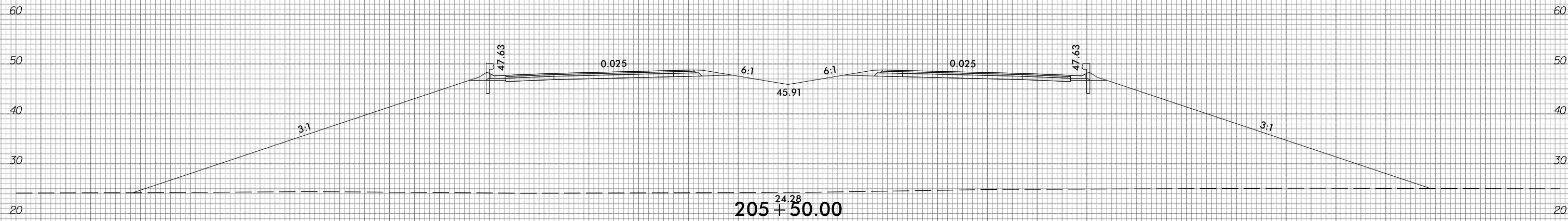


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gncdlin

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



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



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

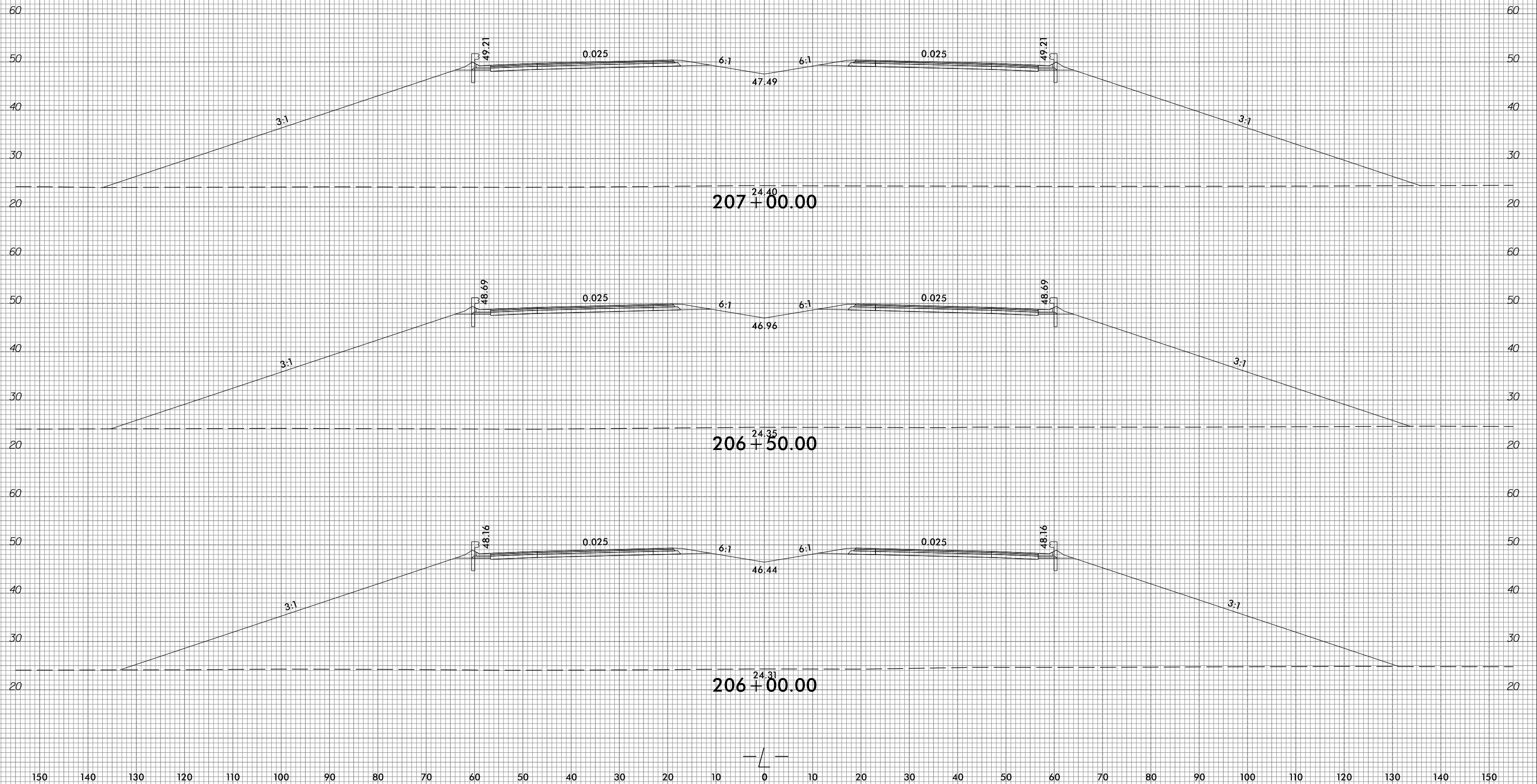
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-85

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



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gncdlin

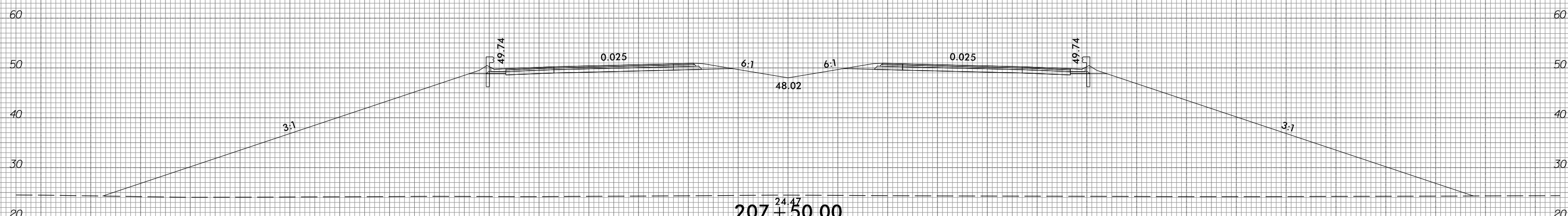
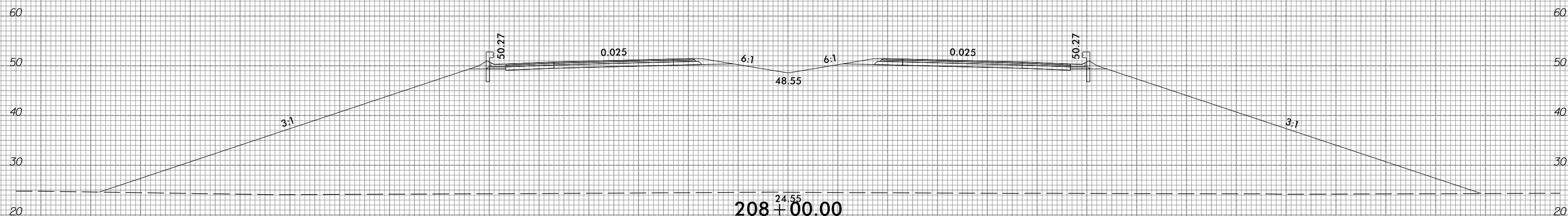
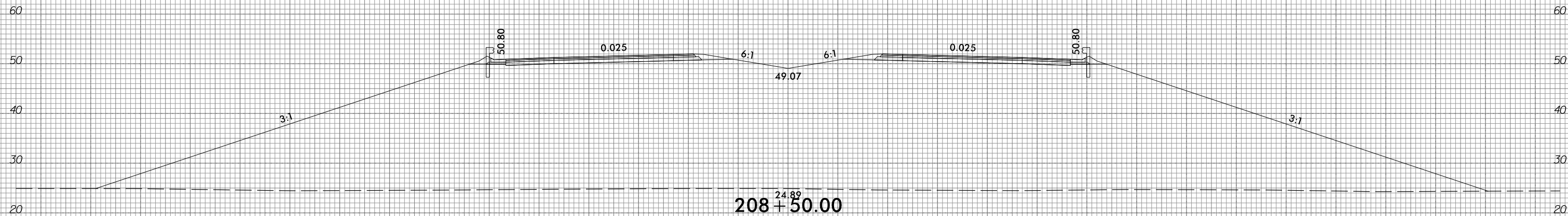
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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-86

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



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

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G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gncdjin

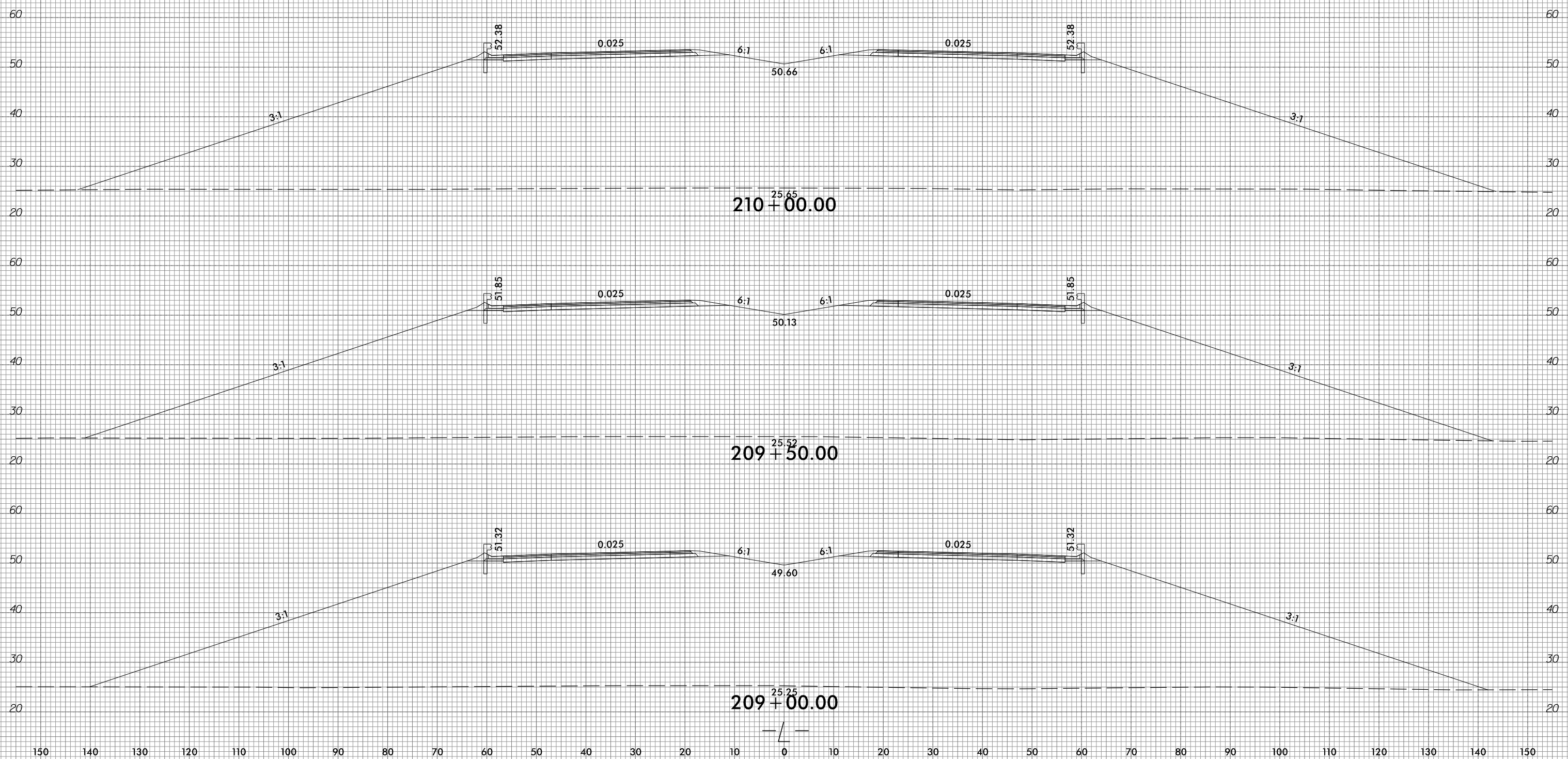
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-87

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



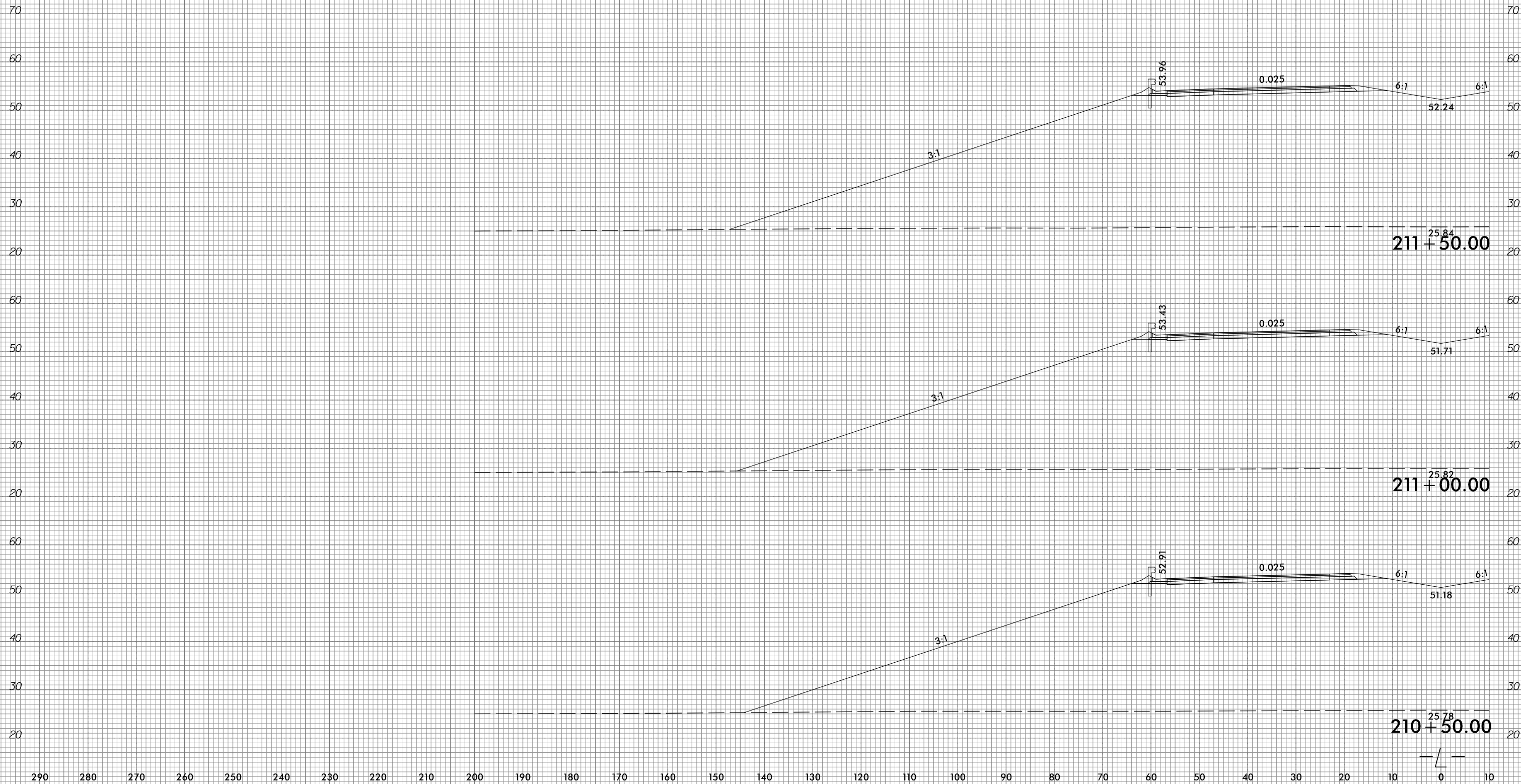
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gncdlin

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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-88

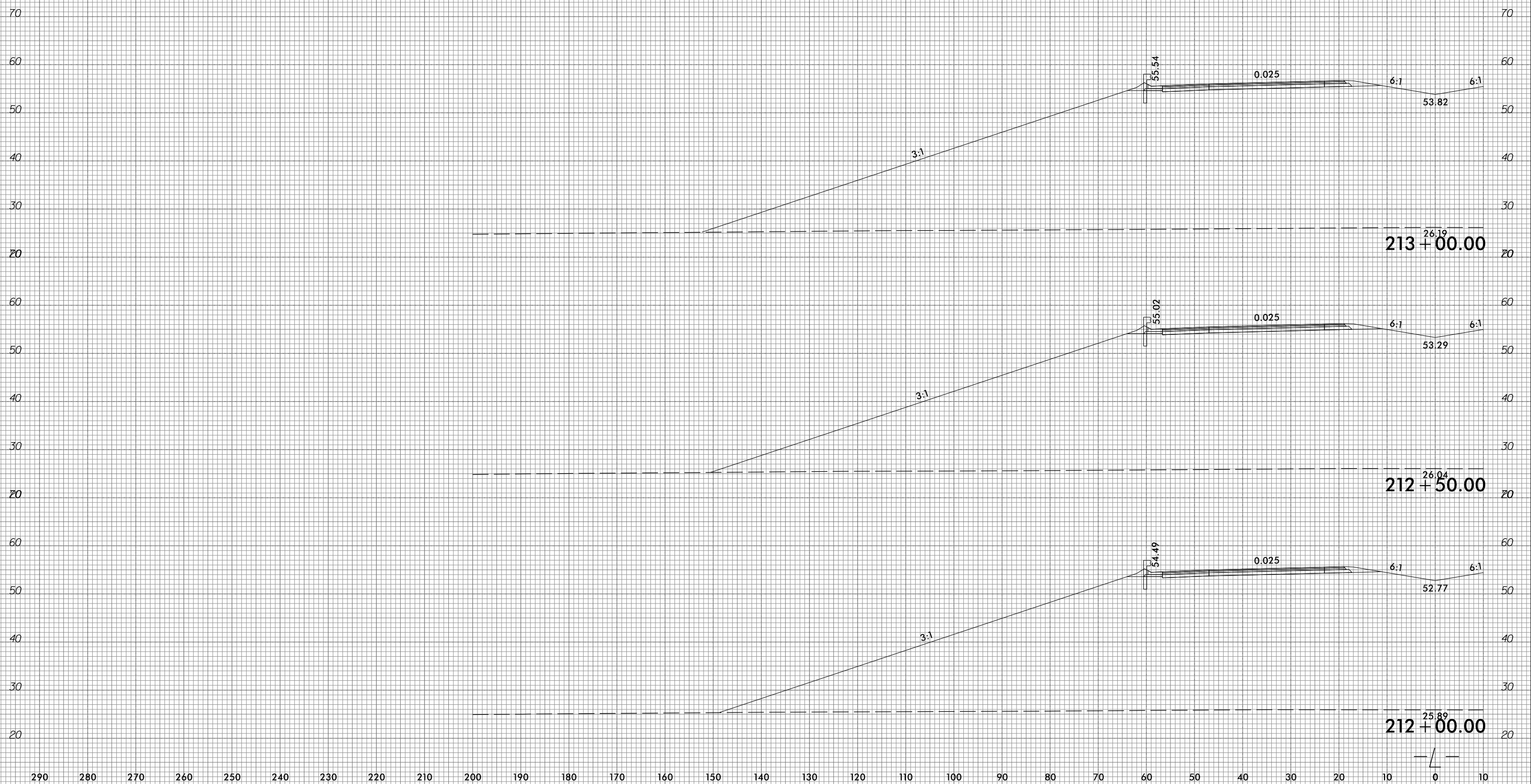
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10/31/2016  
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 gncdlin



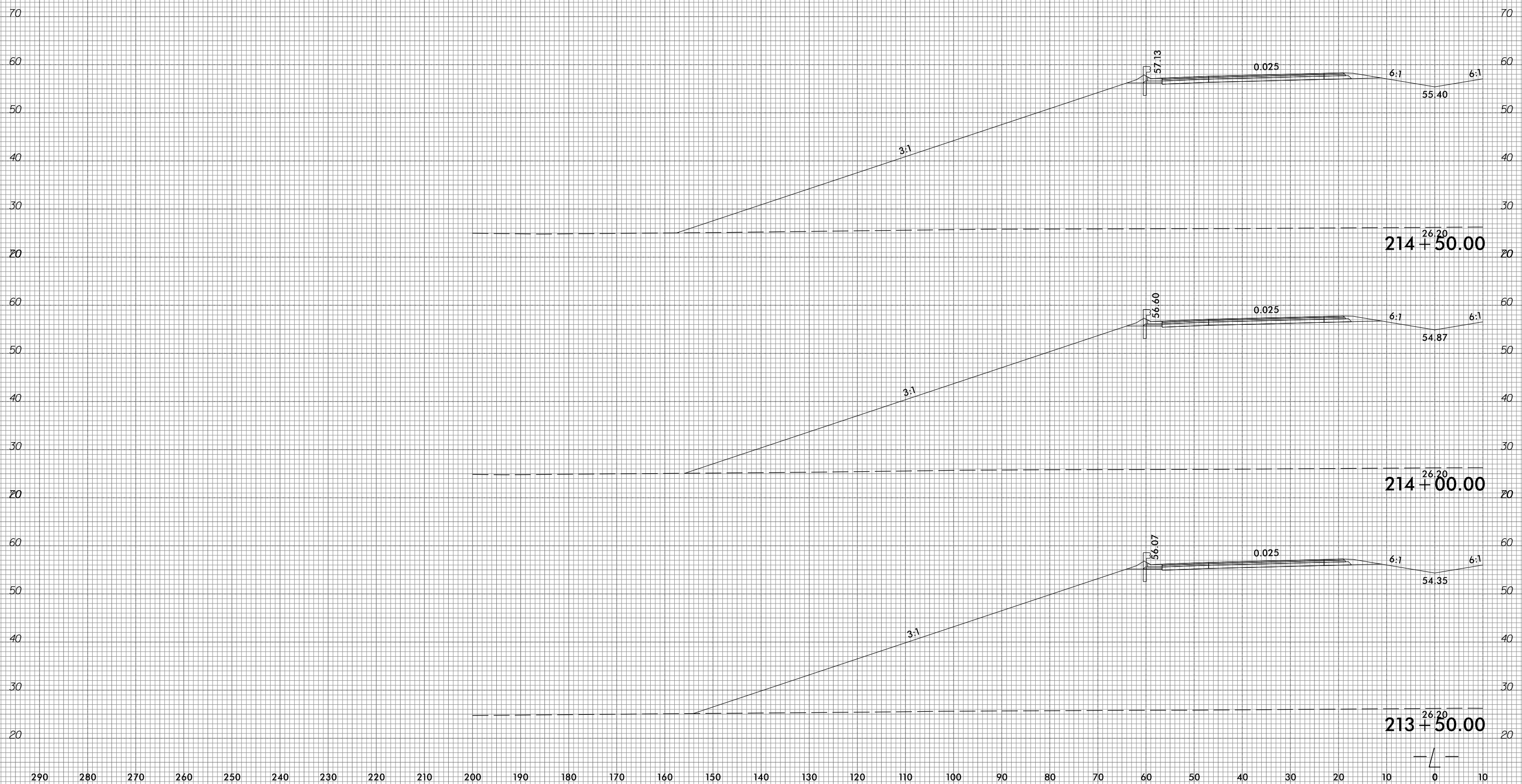
290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



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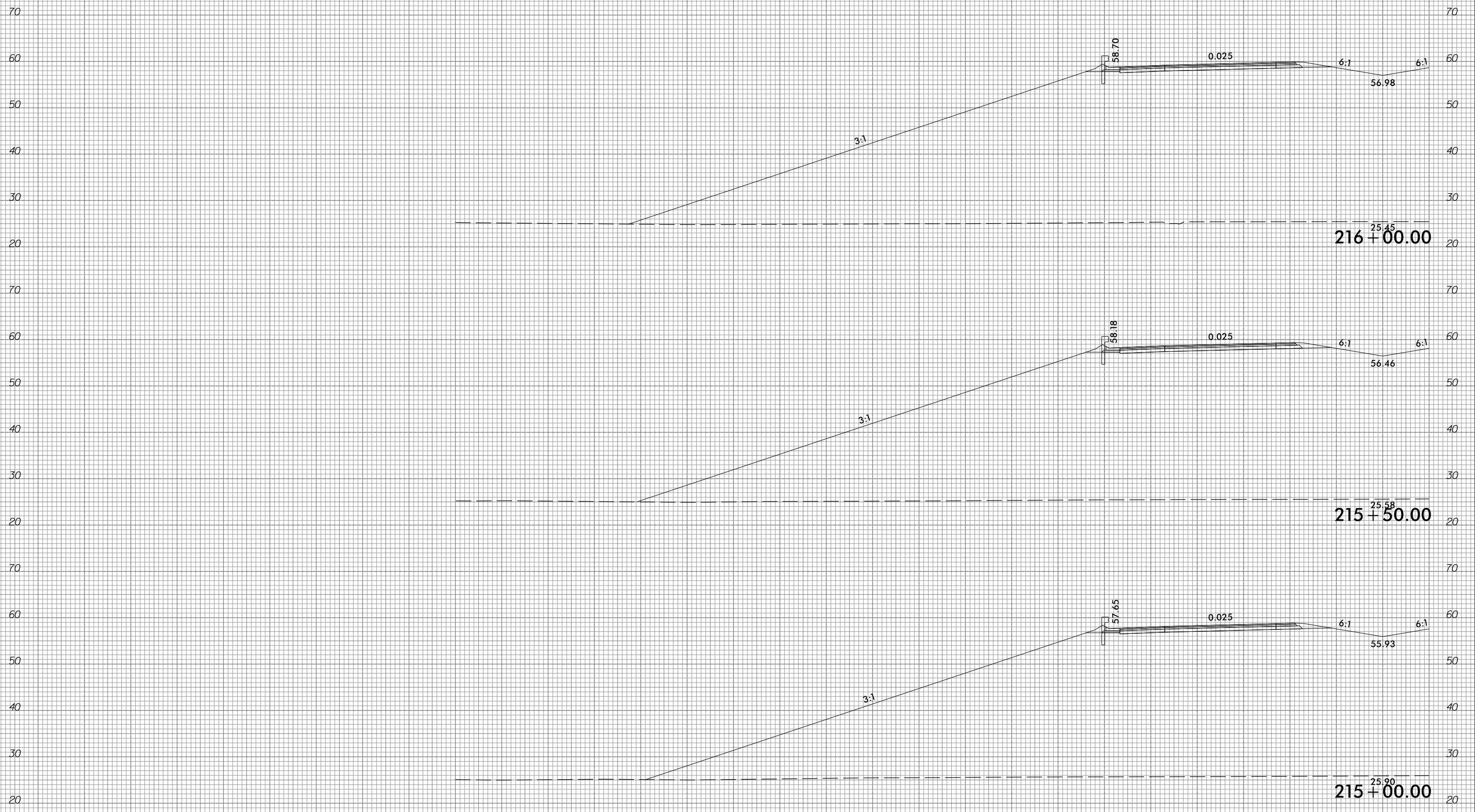
290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



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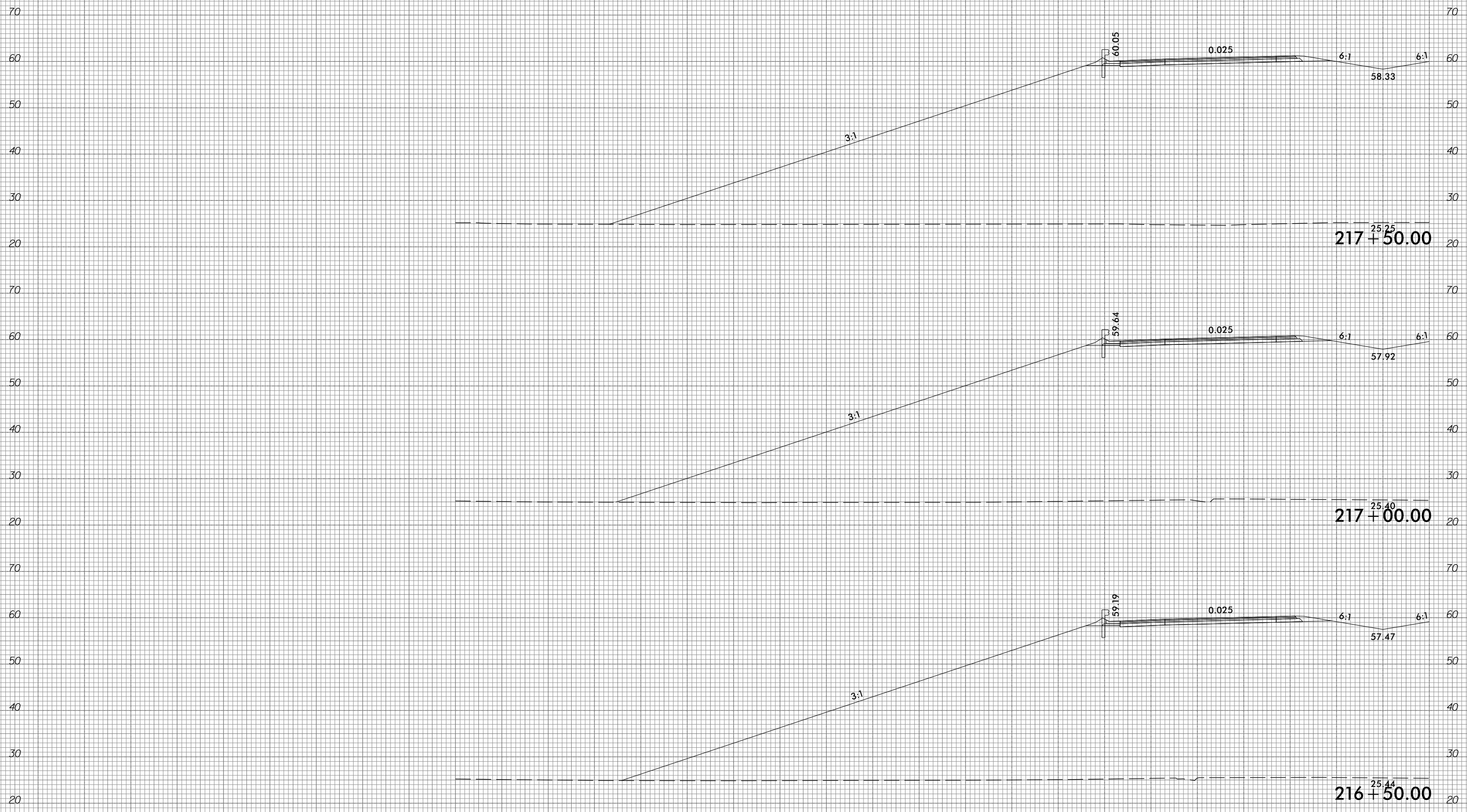


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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-92

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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 gmc31in

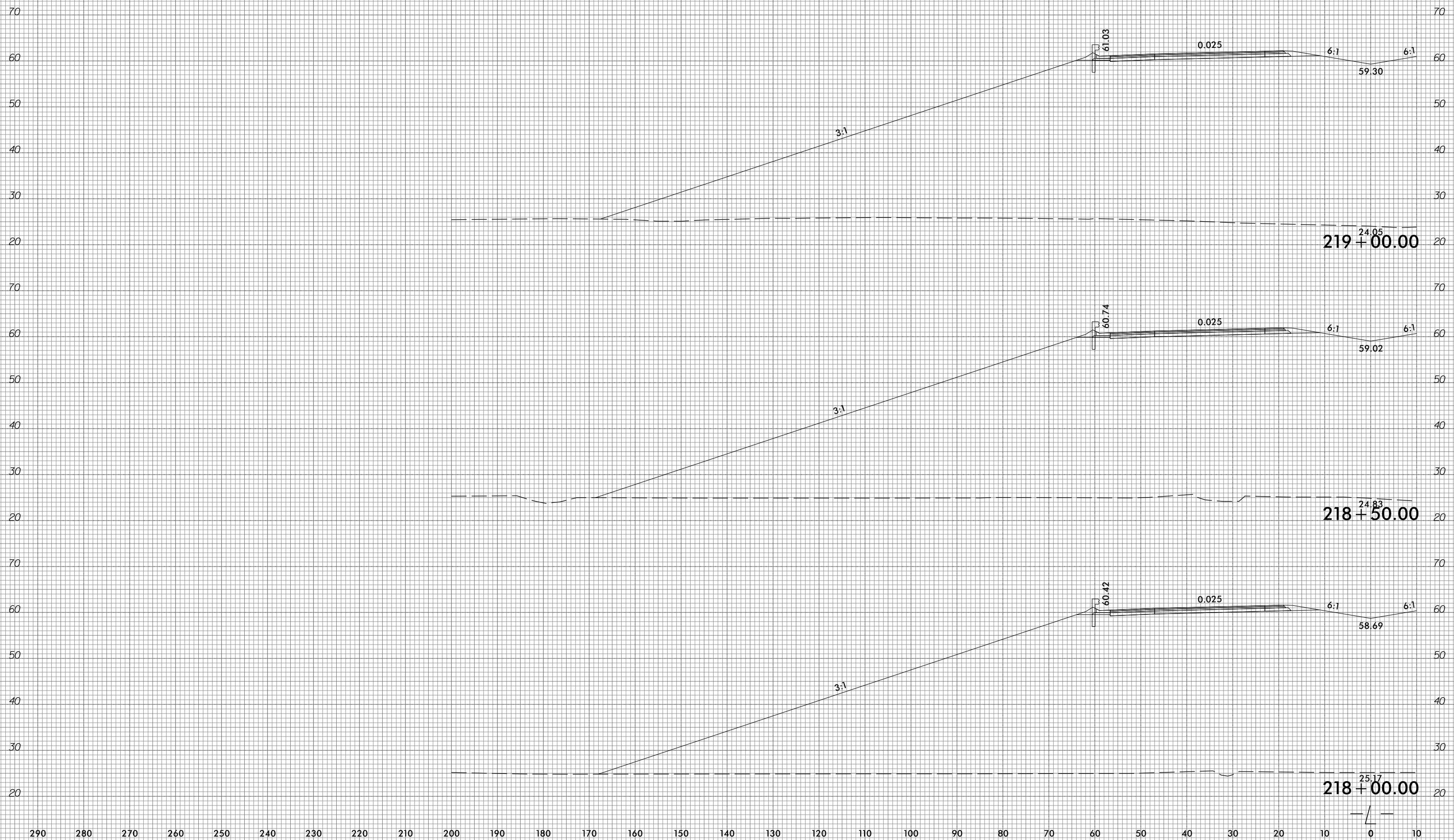
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-93

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290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

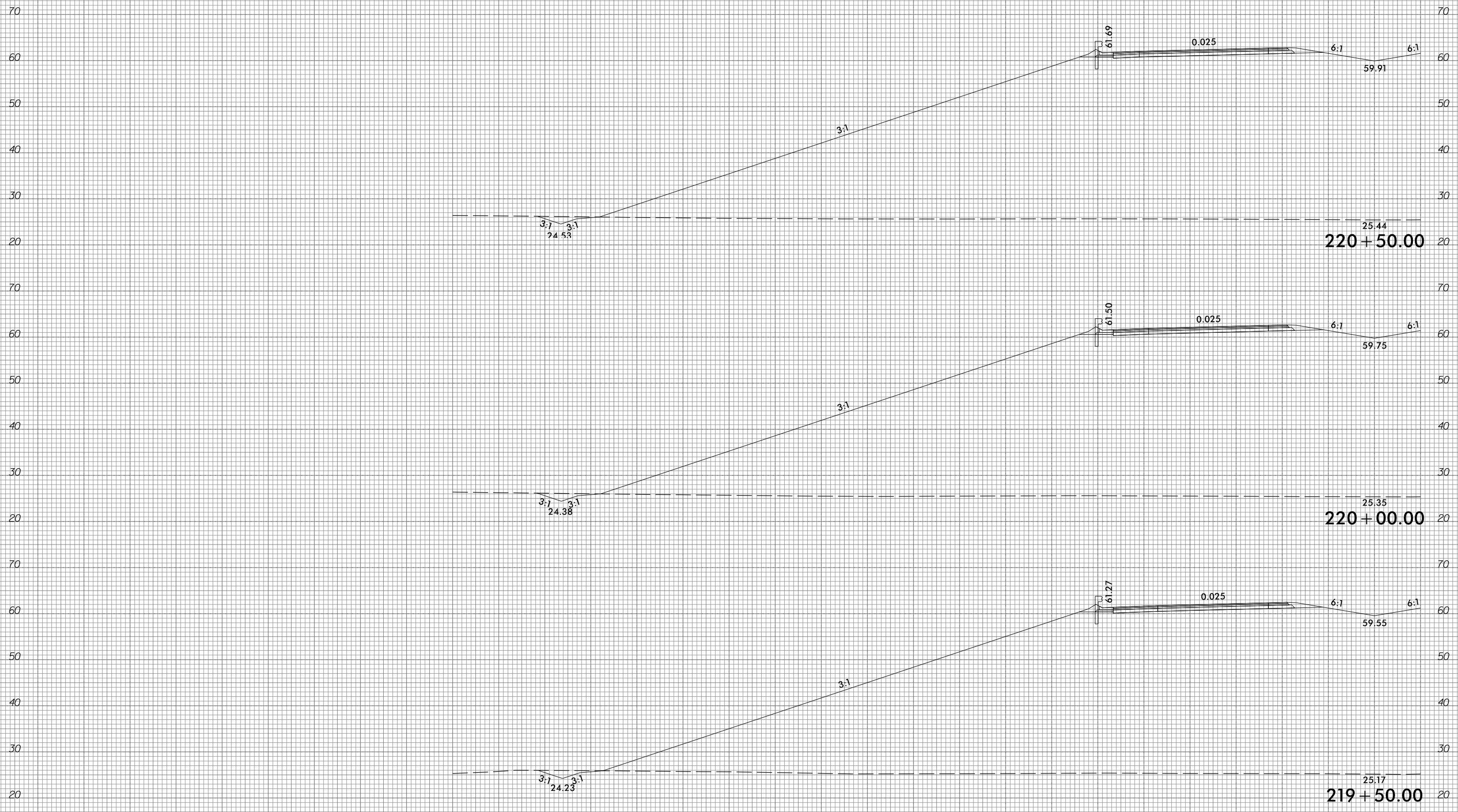
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gncdlin

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-94

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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 gmc311

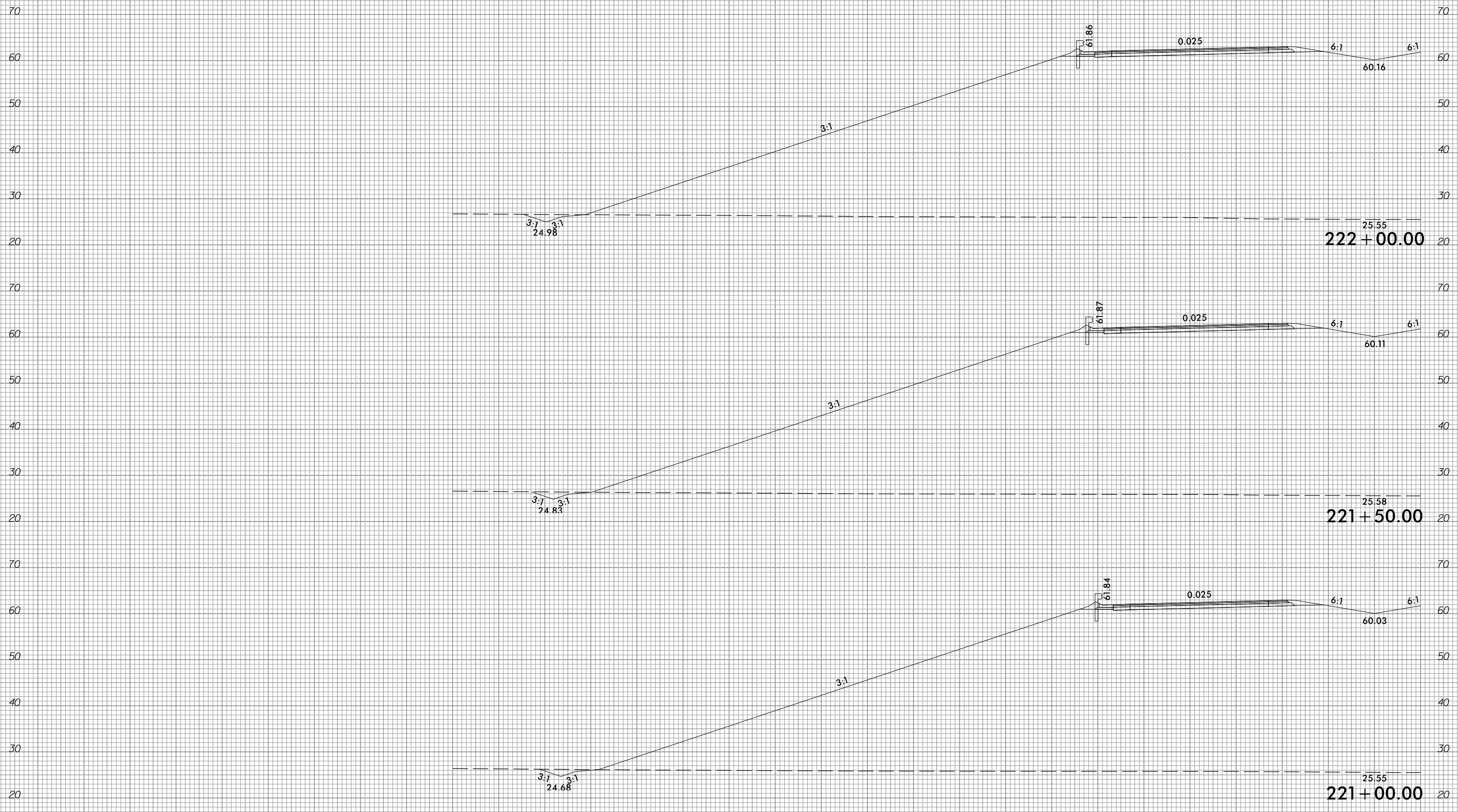
6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-95

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-95

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290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2018  
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 gmc311

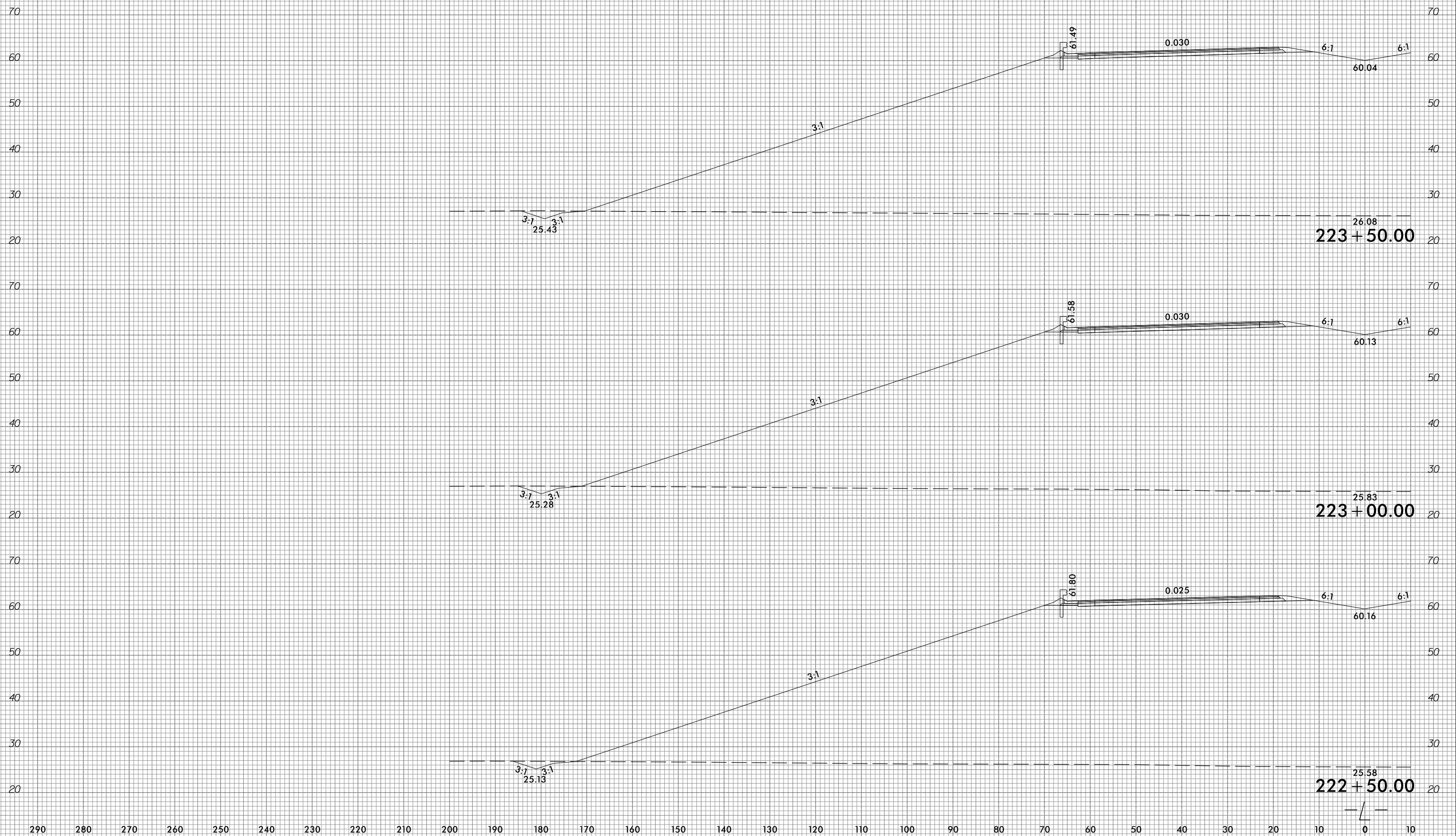
6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-96

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-96

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 gmc31in

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

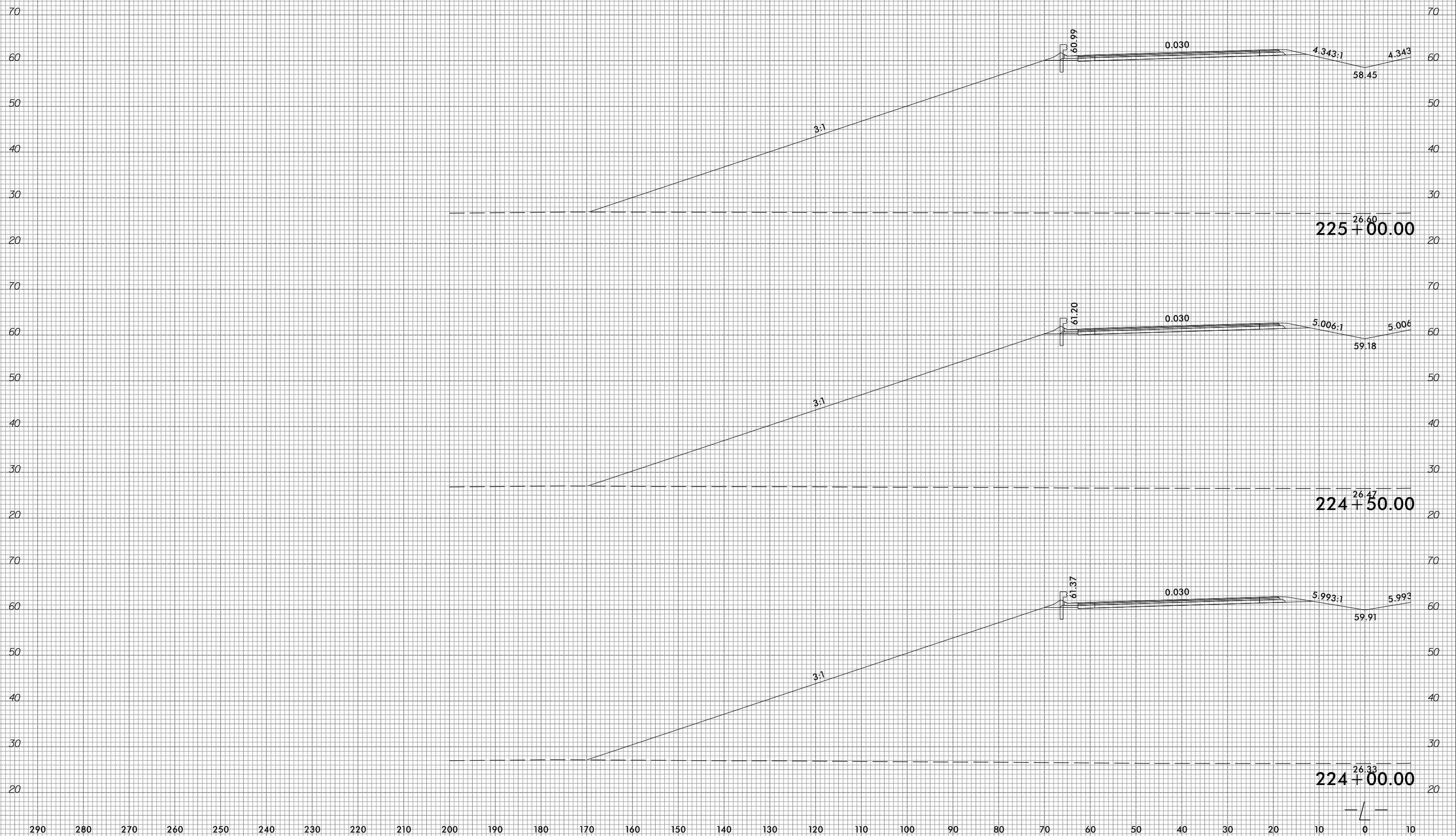
6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-97

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-97

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



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 gmc31in

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

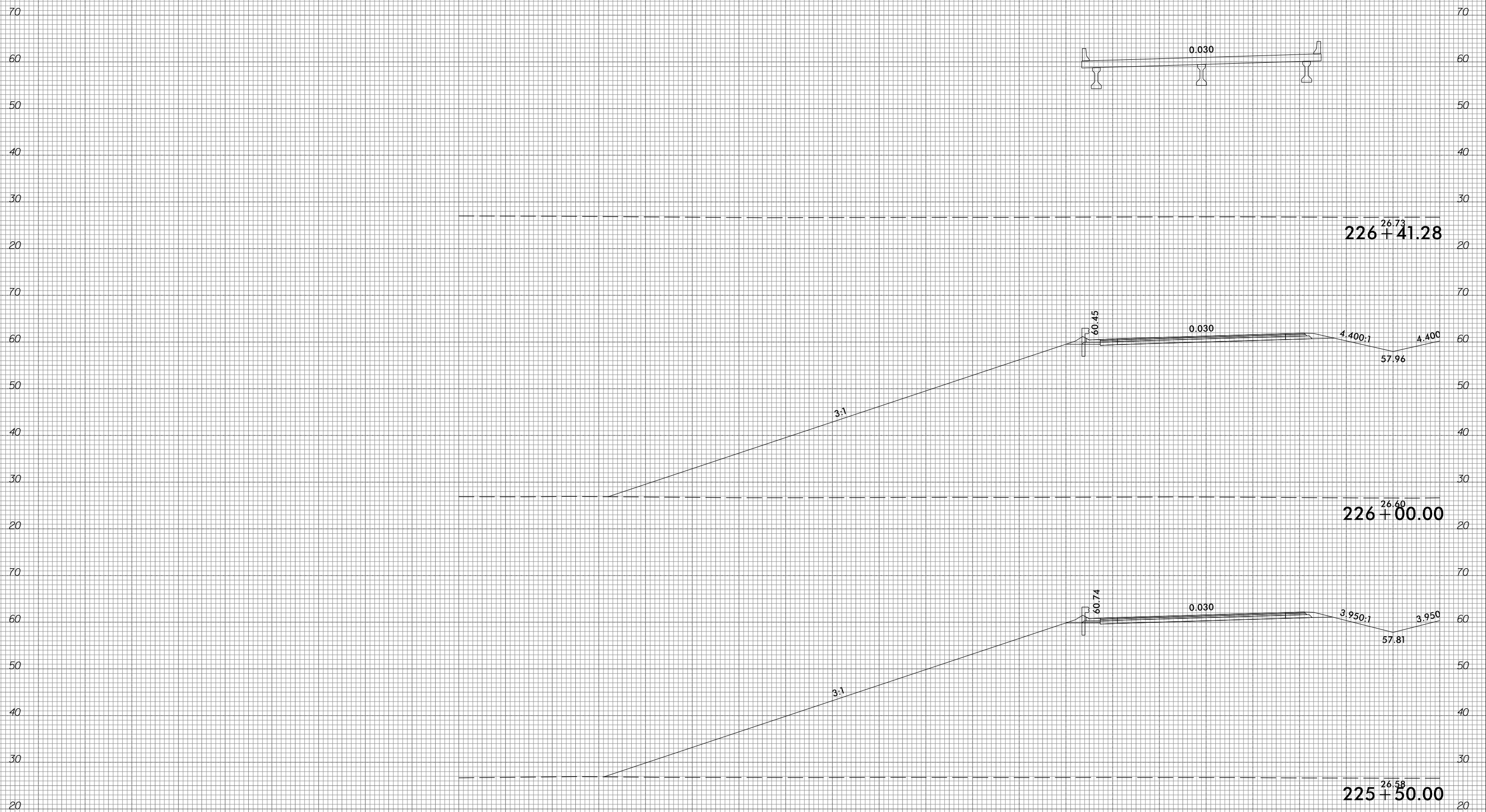
6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-98

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-98

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2018  
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 gmc31in

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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-99

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

70

70

60

60

50

50

40

40

30

30

20

20

24.56  
228+00.00

70

70

60

60

50

50

40

40

30

30

20

20

28.69  
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70

70

60

60

50

50

40

40

30

30

20

20

23.93  
227+00.00



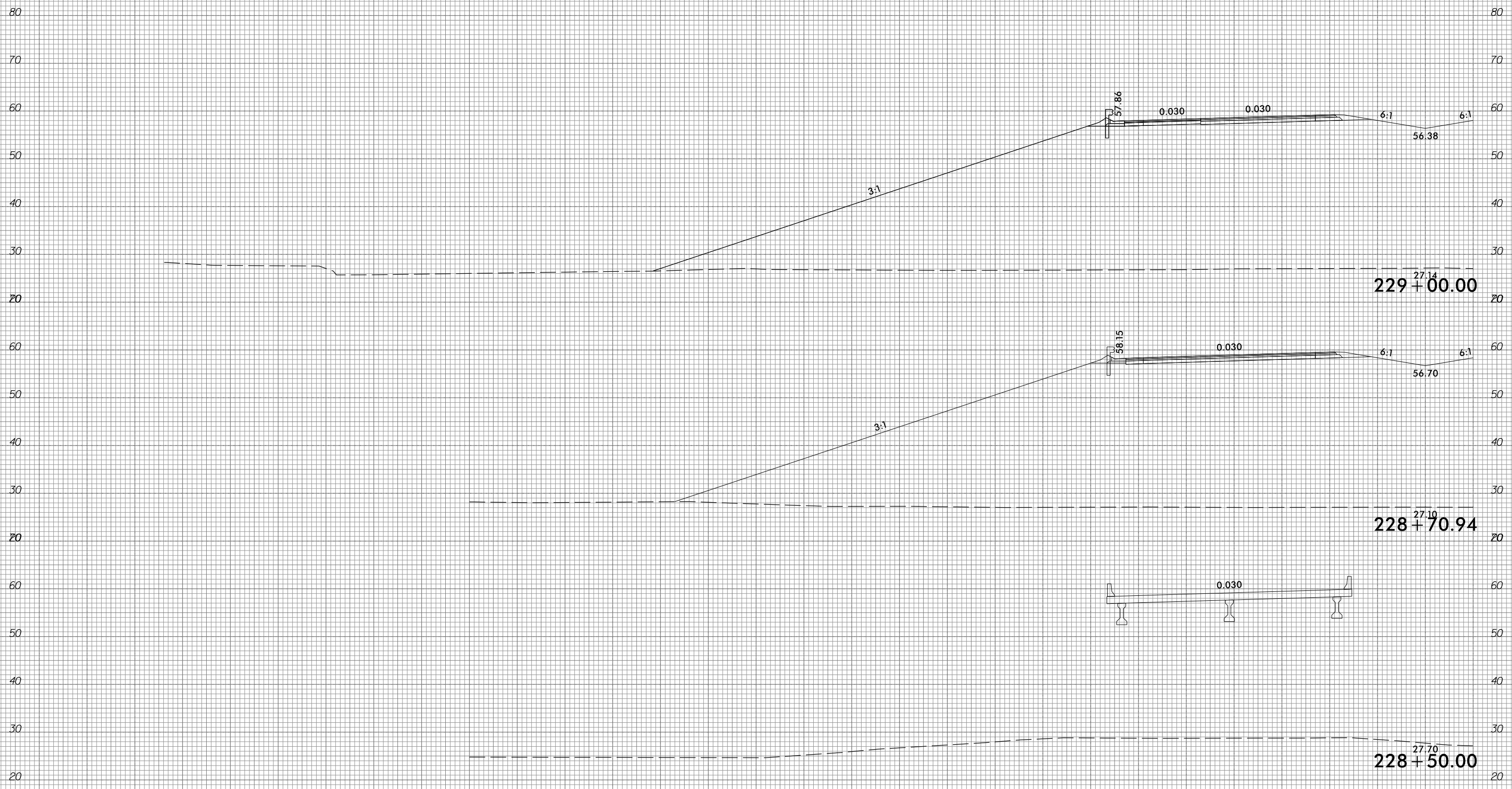
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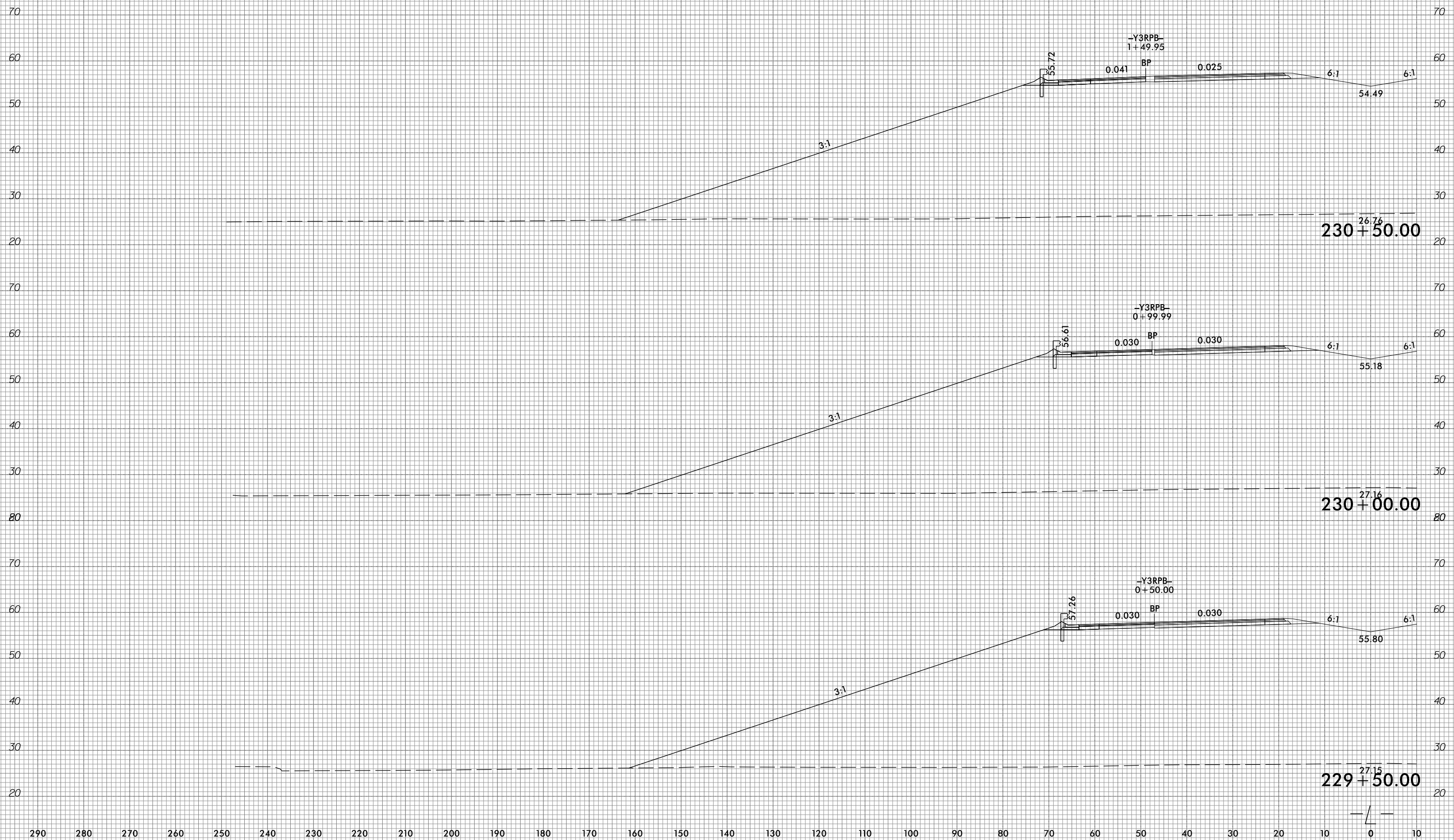
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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-101

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



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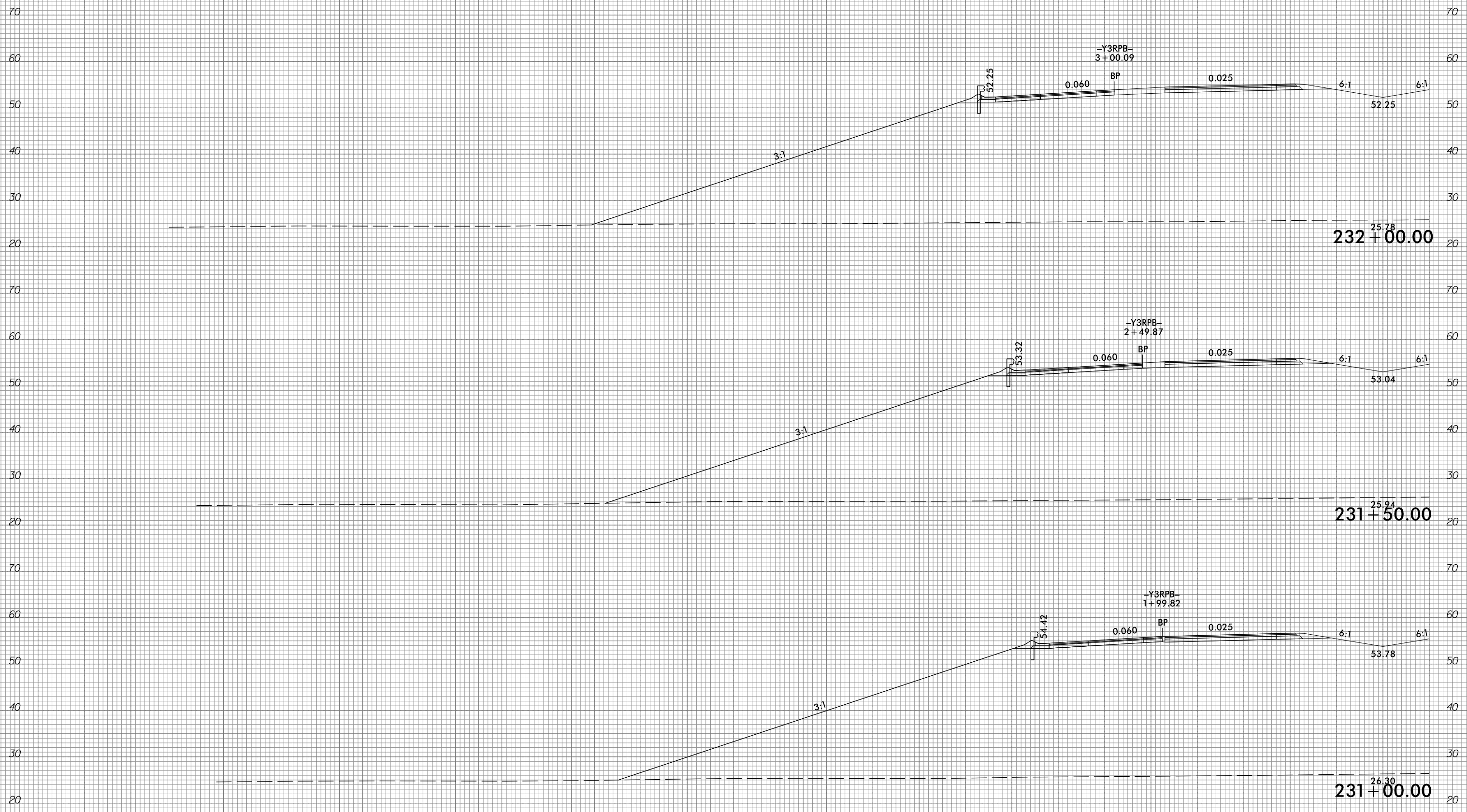
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-102

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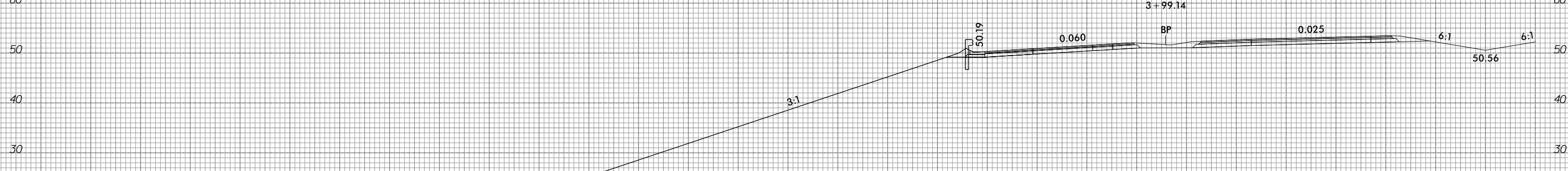
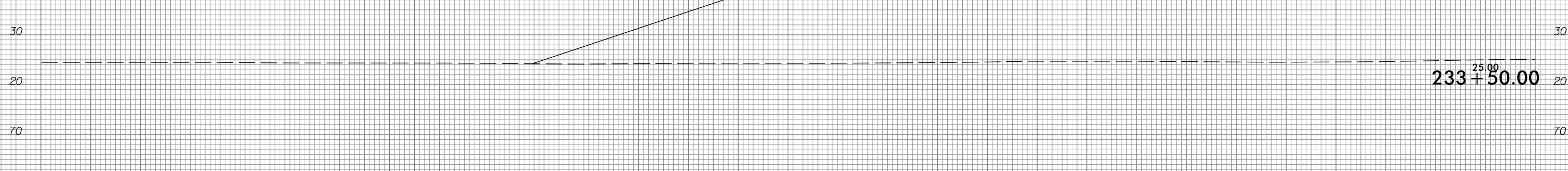
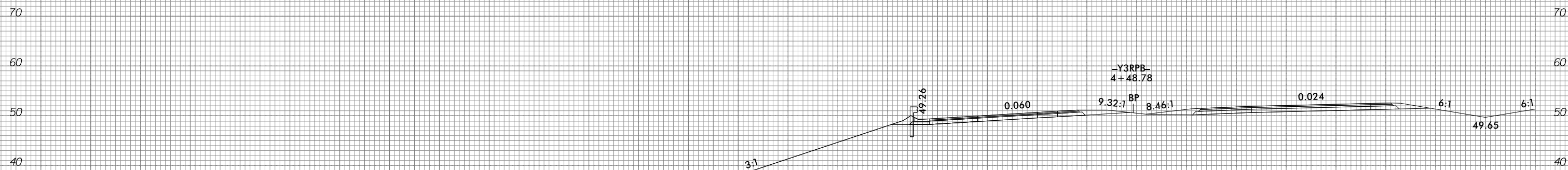


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290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



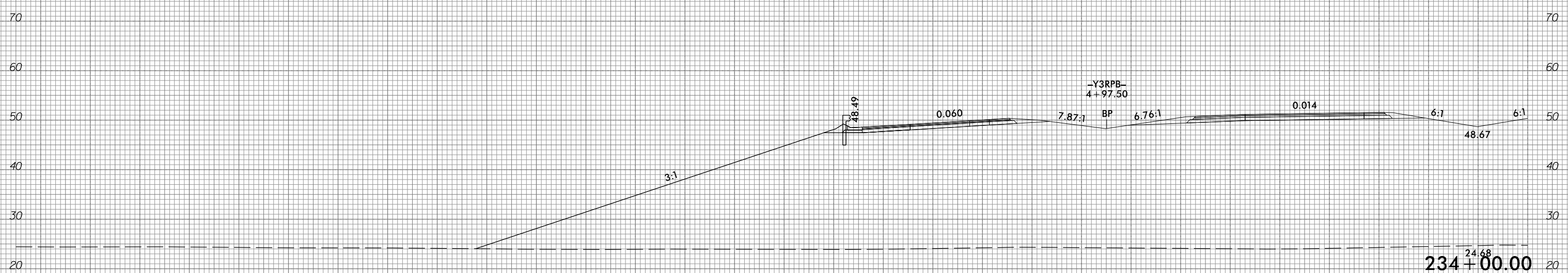
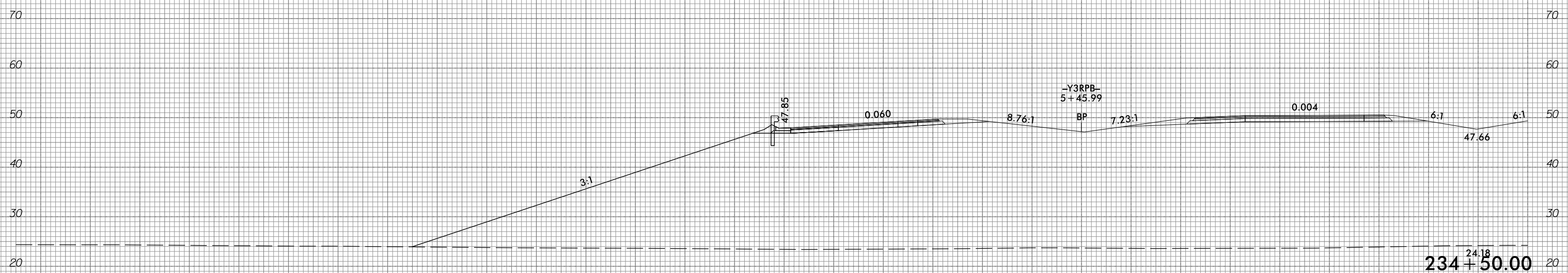
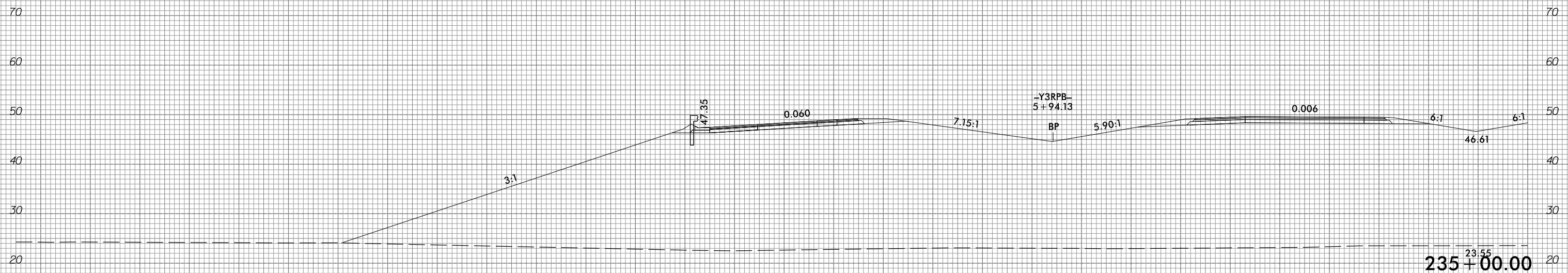
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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-104

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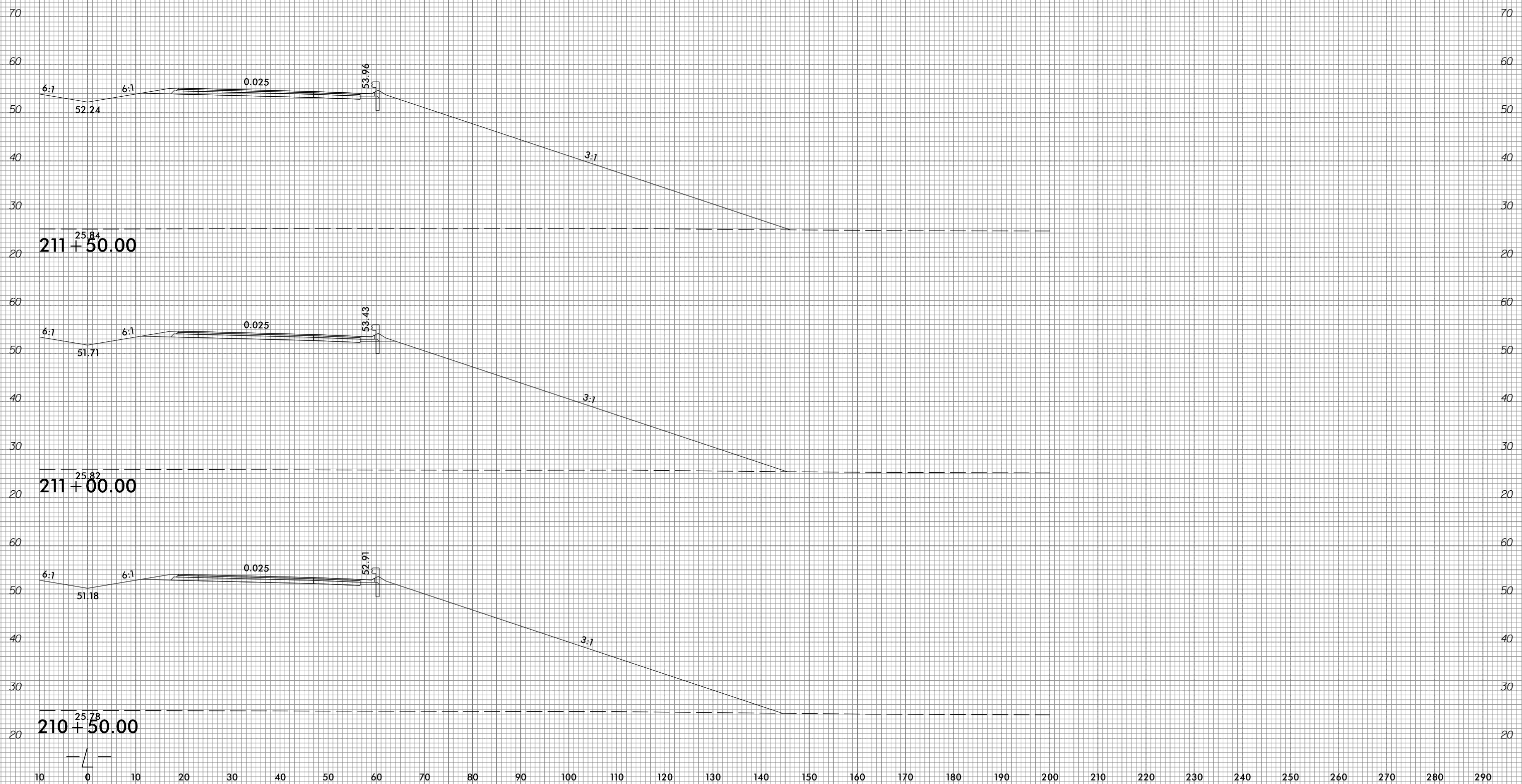
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gncdjin

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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-105

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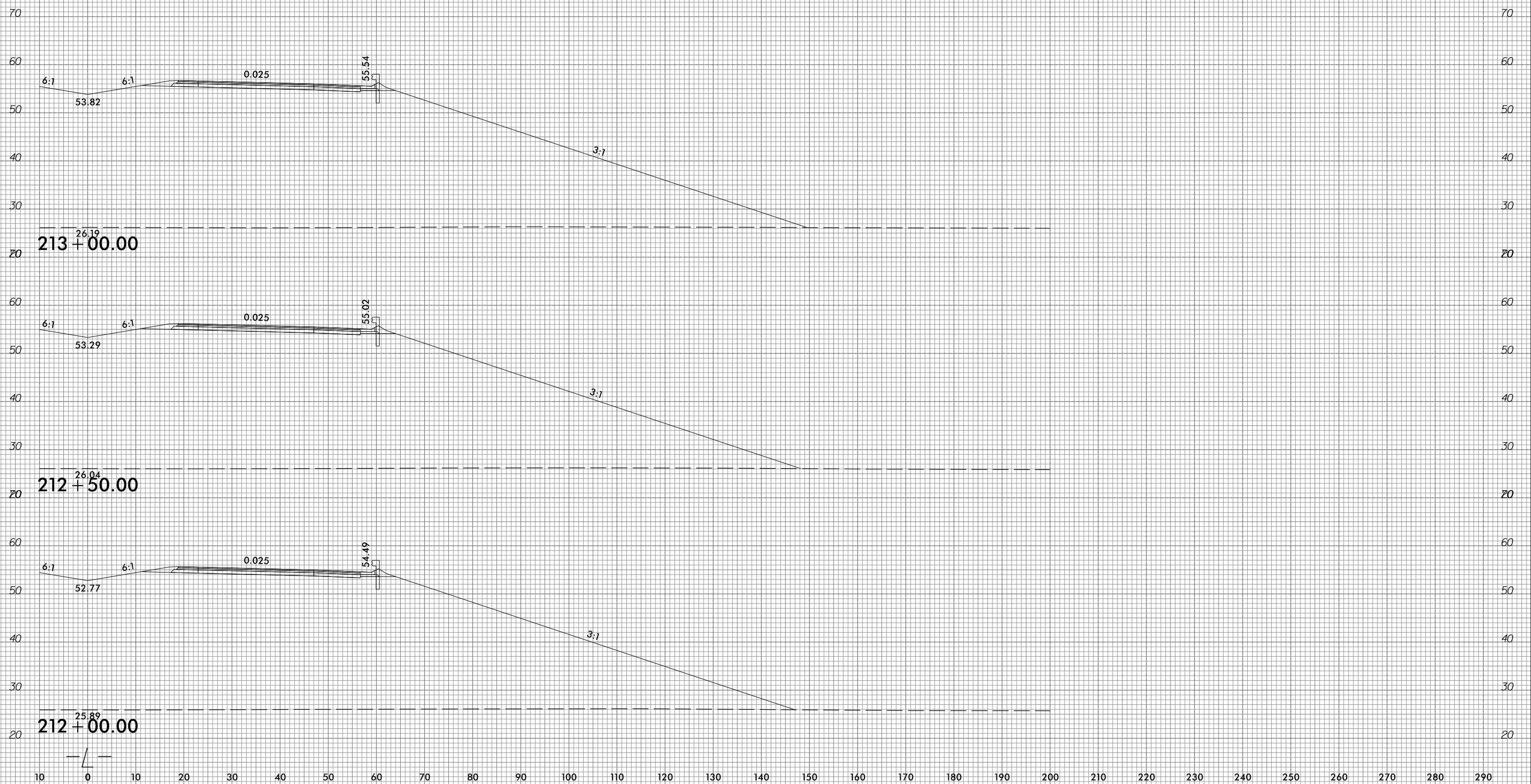


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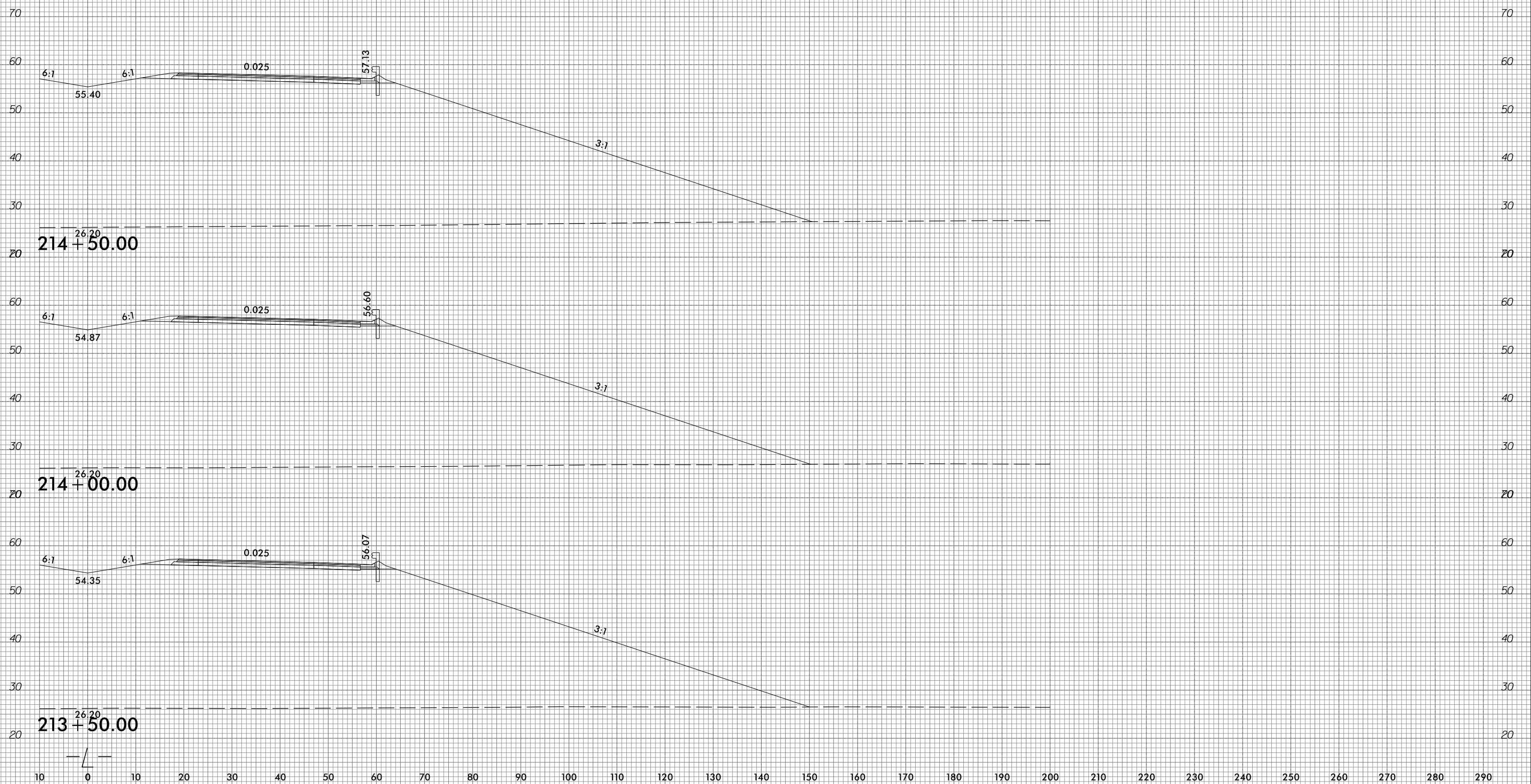
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PROJ. REFERENCE NO.	R-1015
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SHEET NO.	X-107
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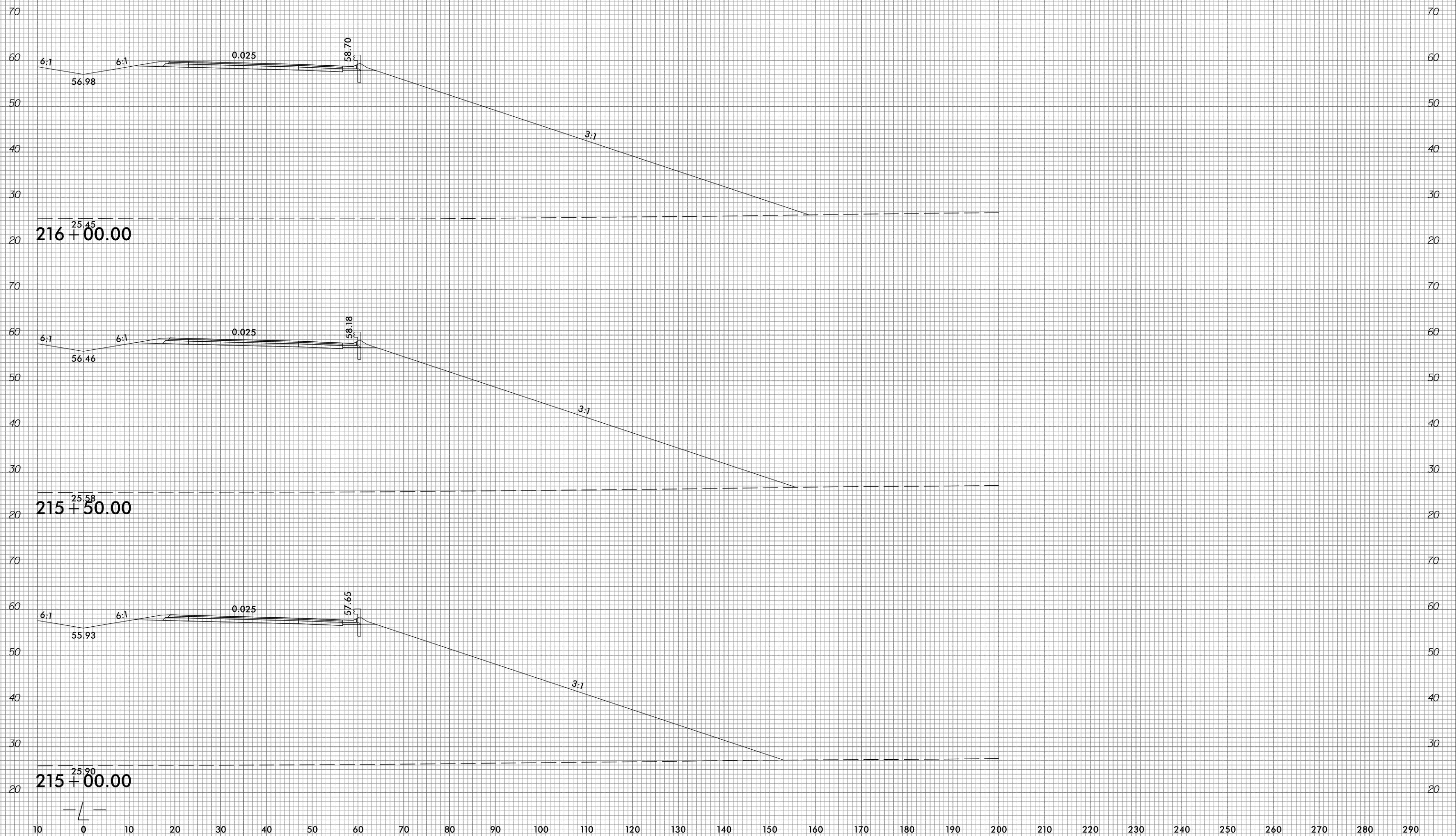


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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-108

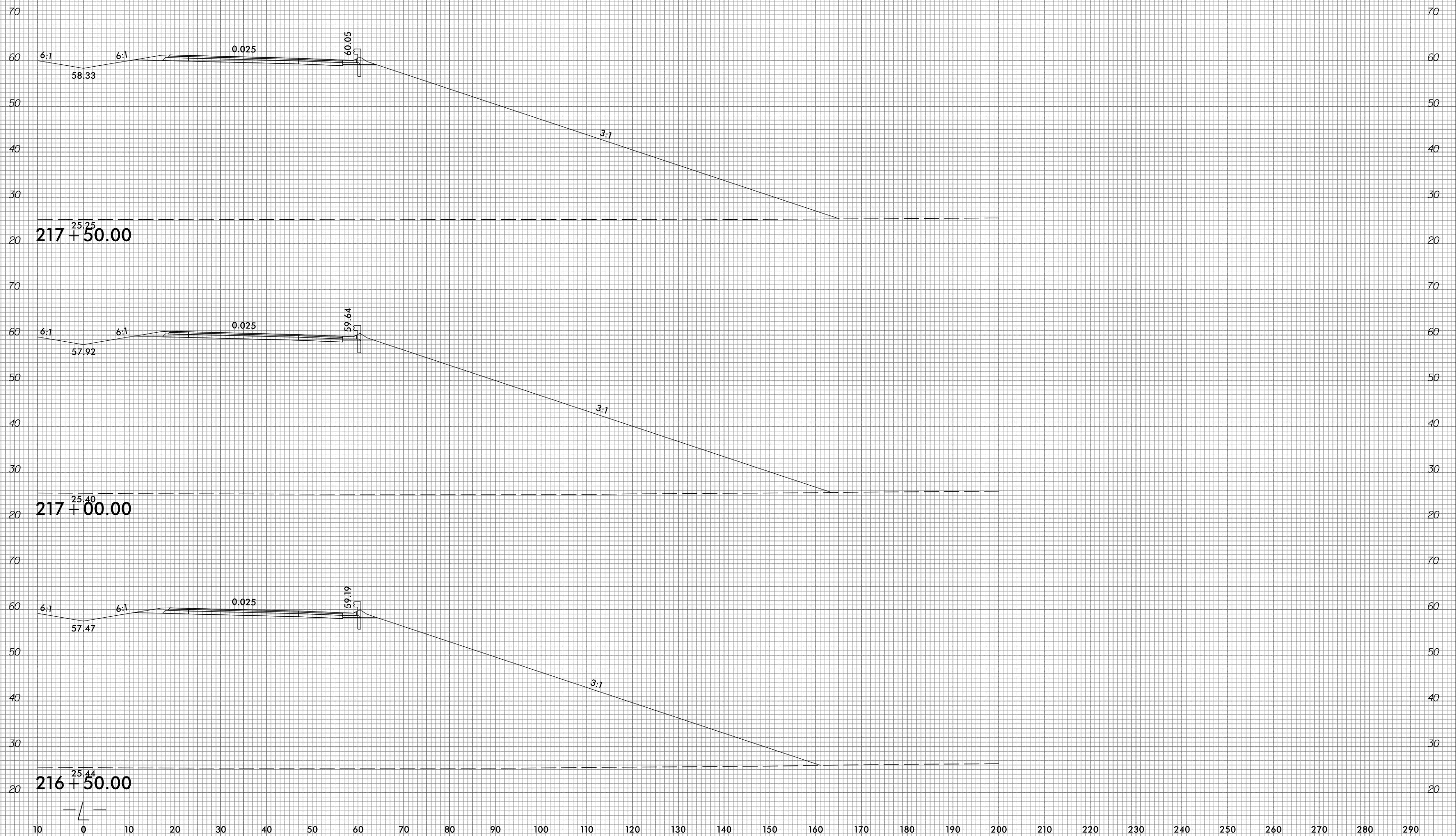
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 gmc311



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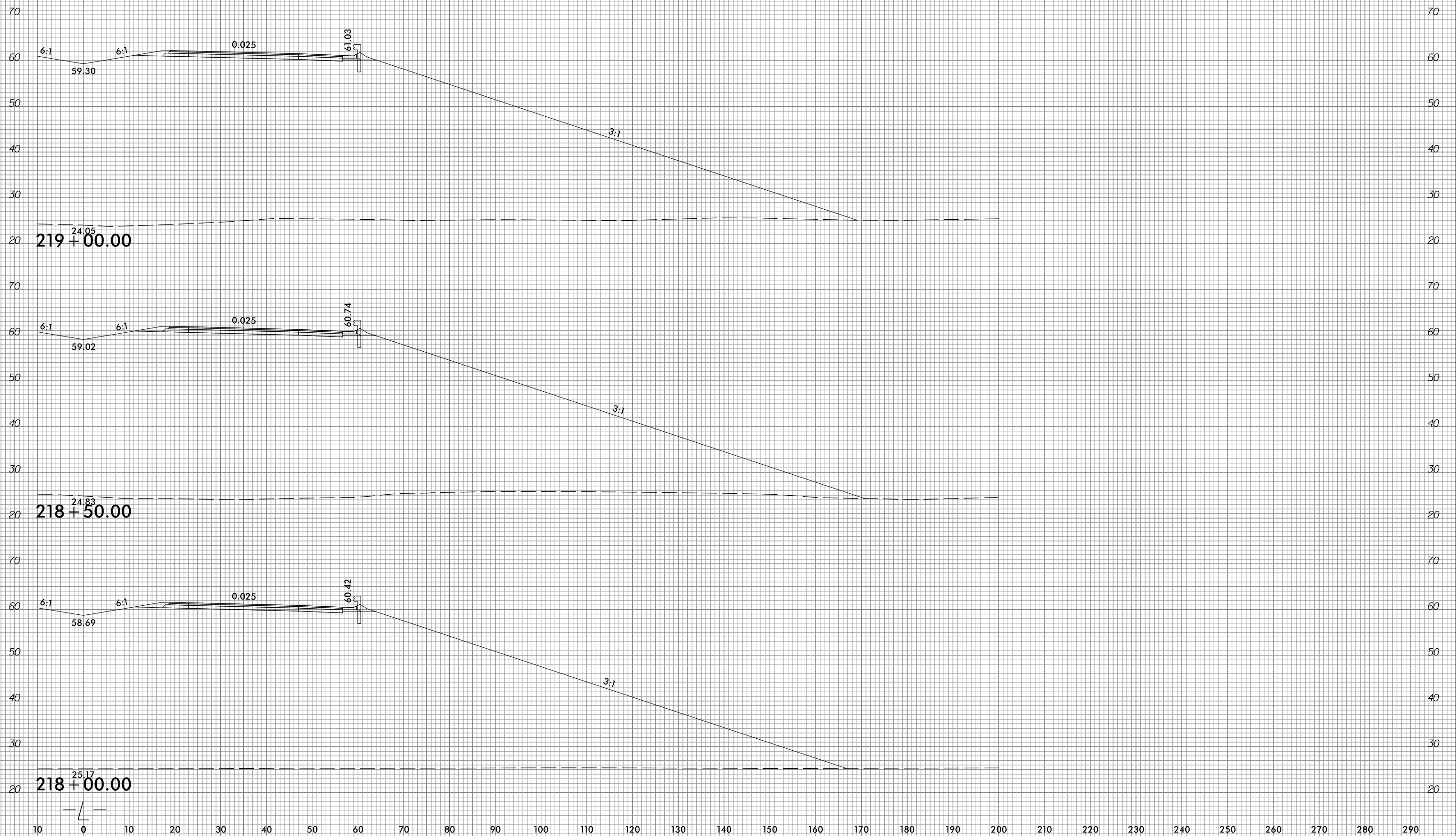
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
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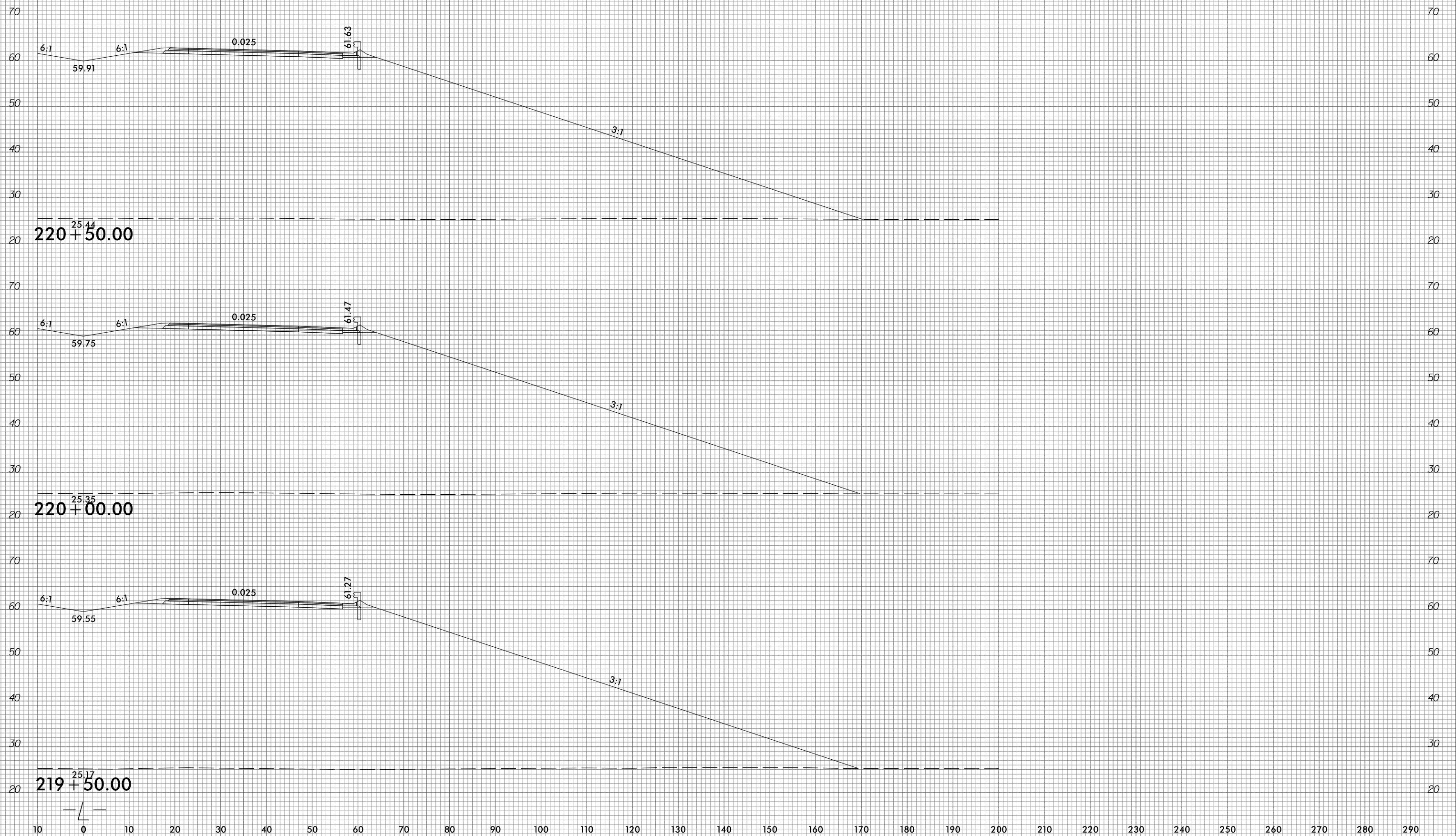
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PROJ. REFERENCE NO.	SHEET NO.
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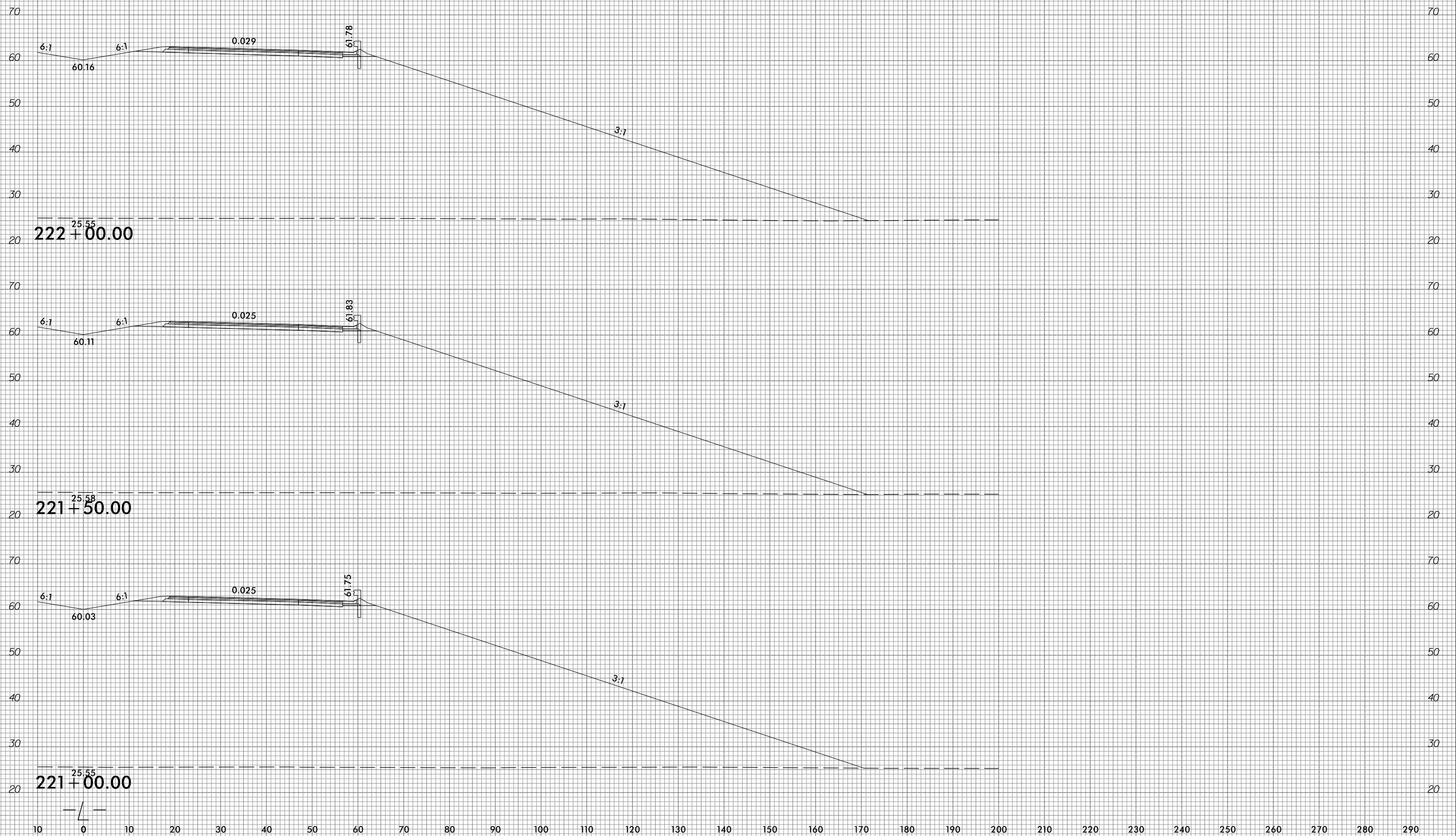
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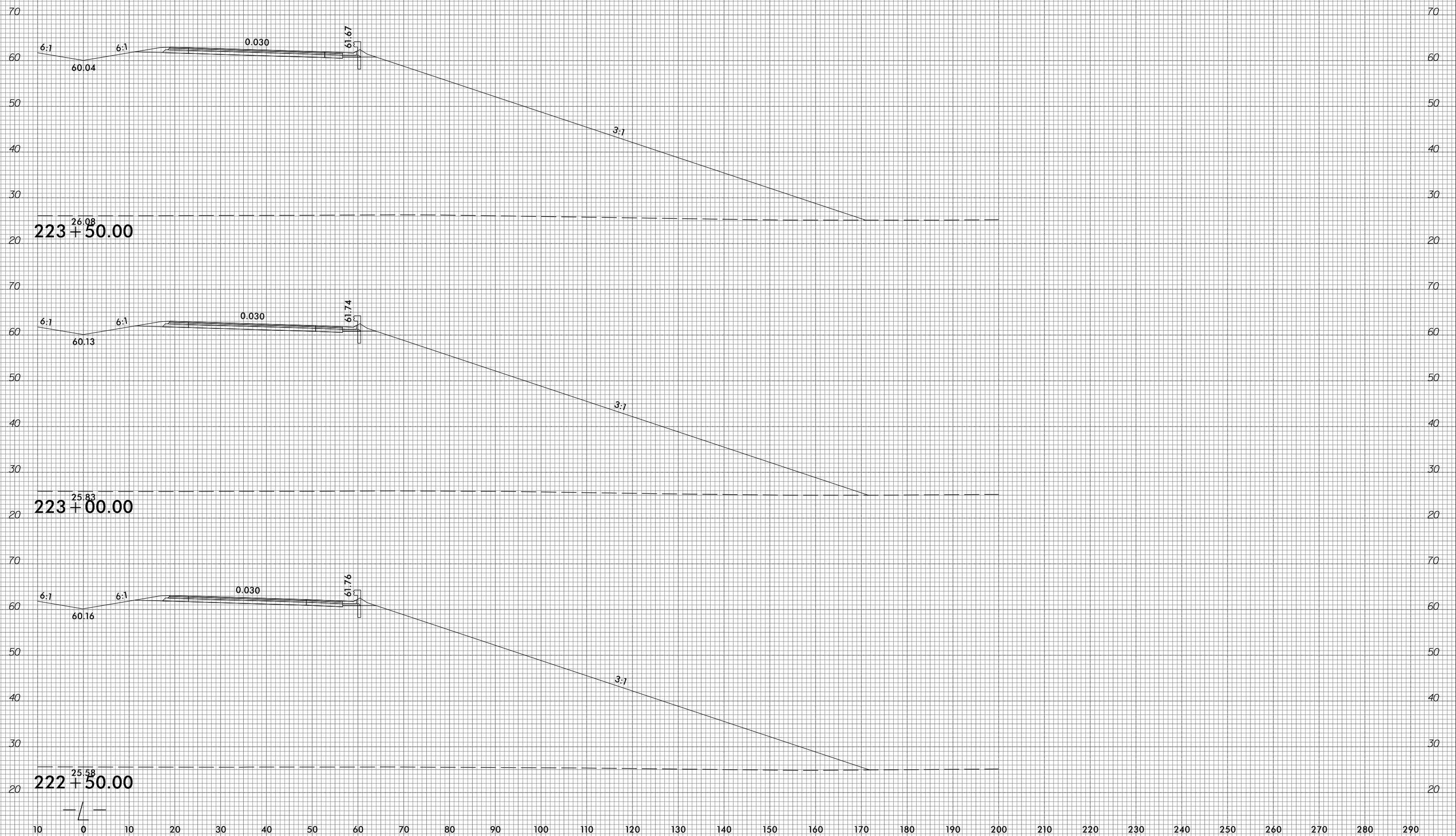


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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-113

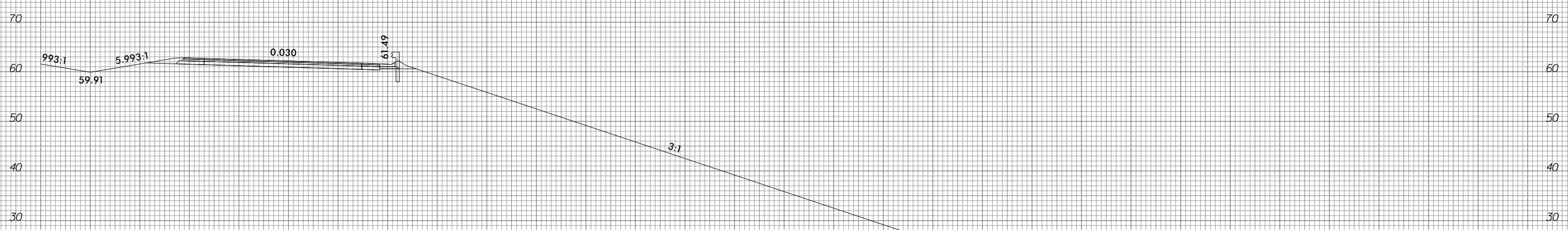
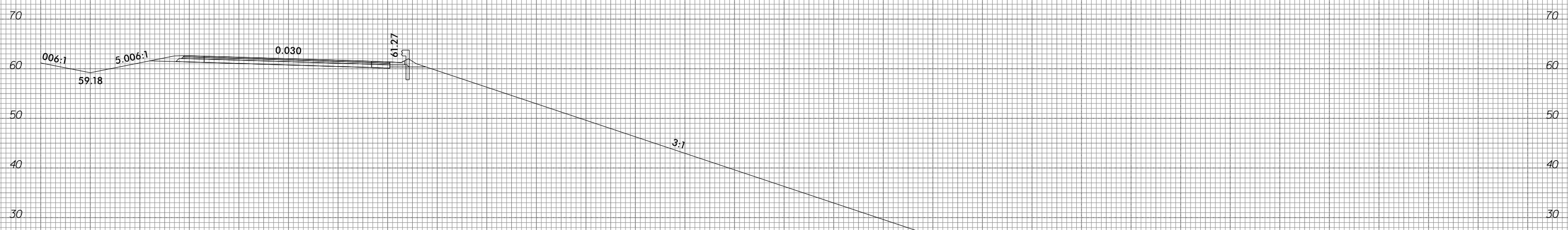
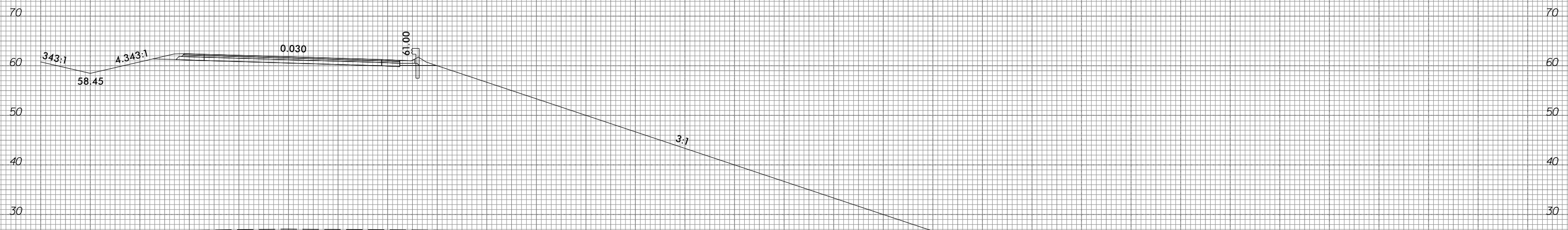
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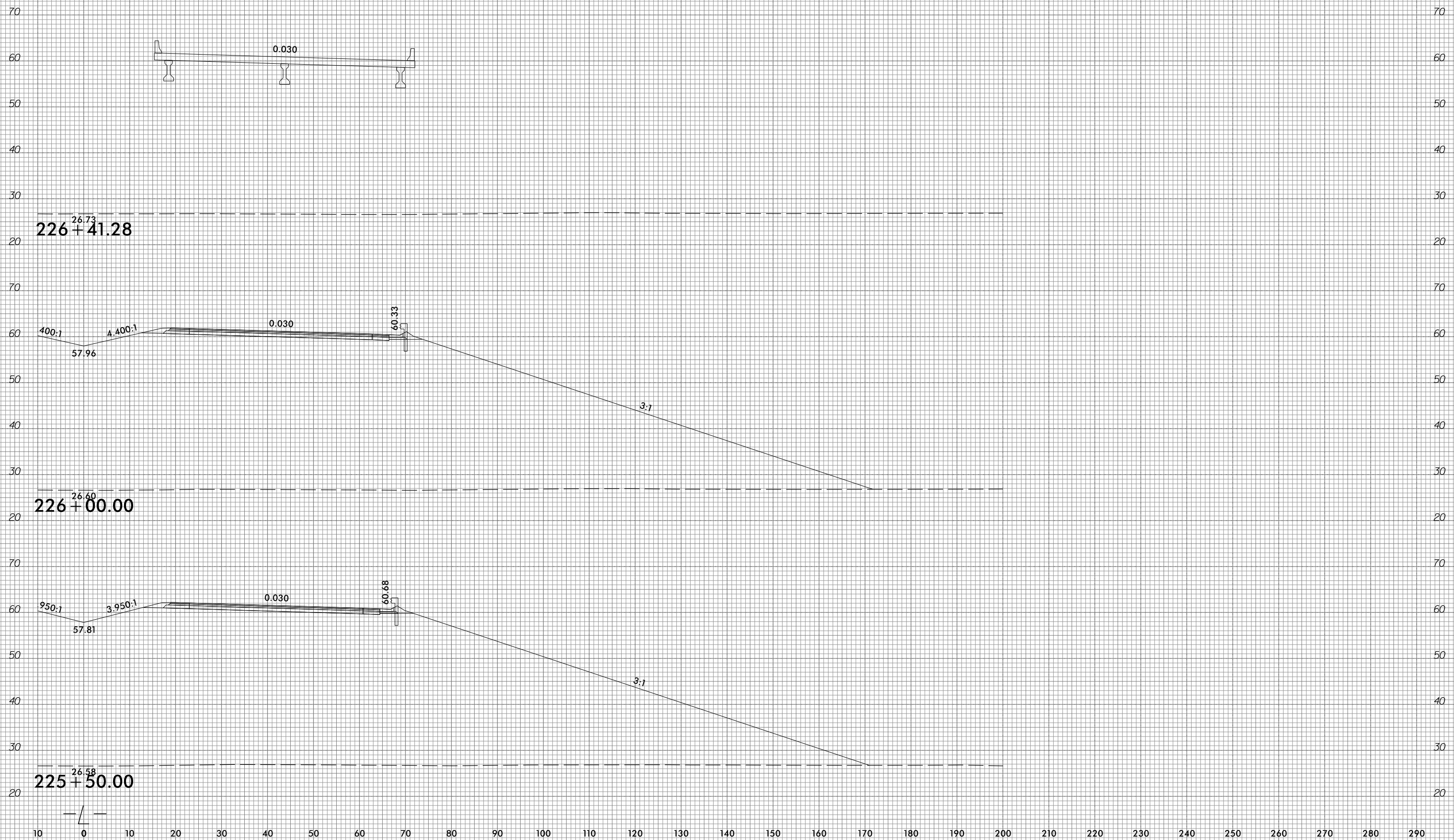
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10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

70 70

60 60

50 50

40 40

30 30

20 20

24.56  
228+00.00

70 70

60 60

50 50

40 40

30 30

20 20

28.69

227+50.00

70 70

60 60

50 50

40 40

30 30

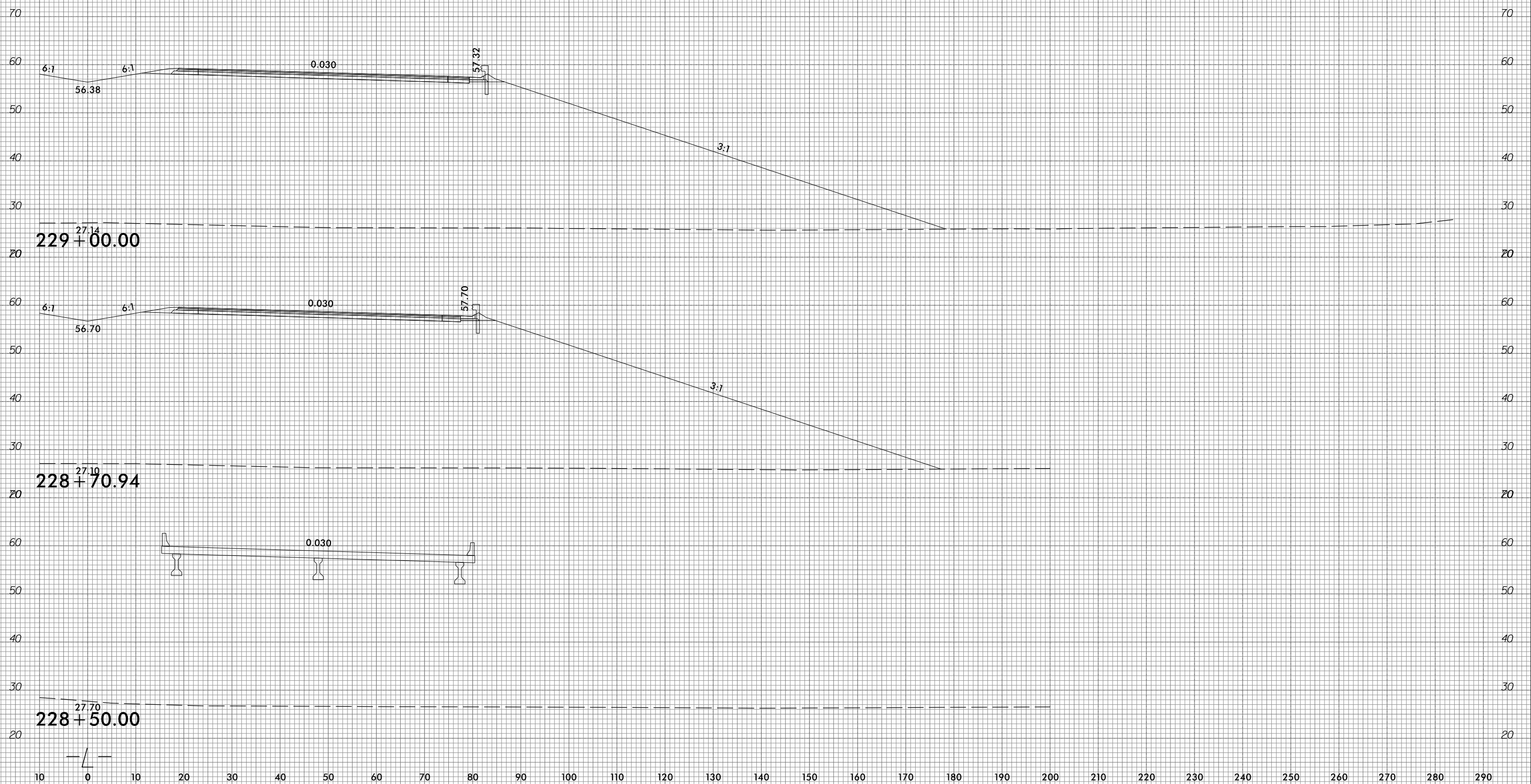
20 20

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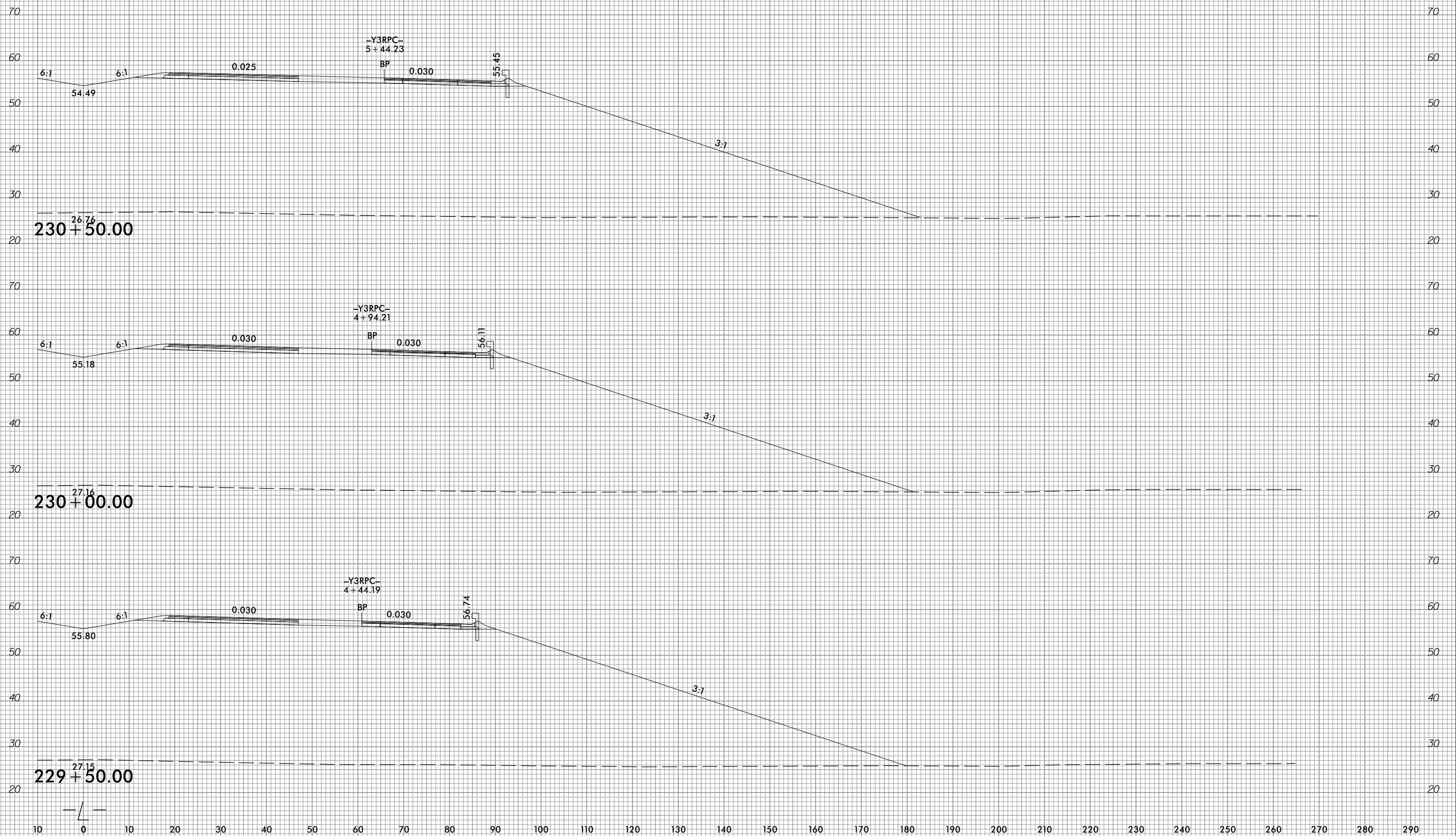


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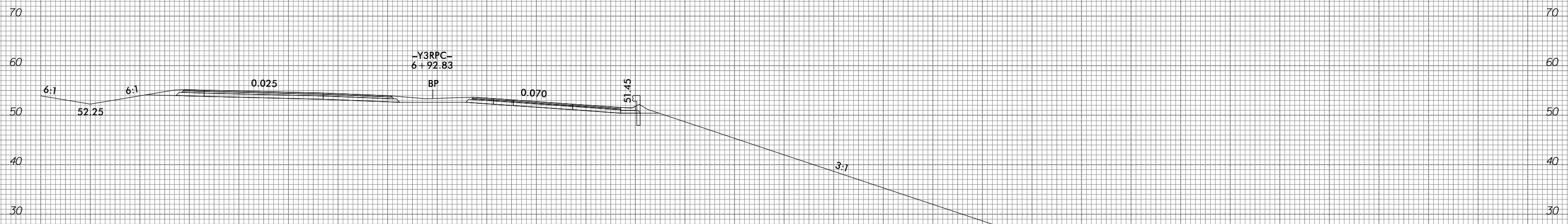
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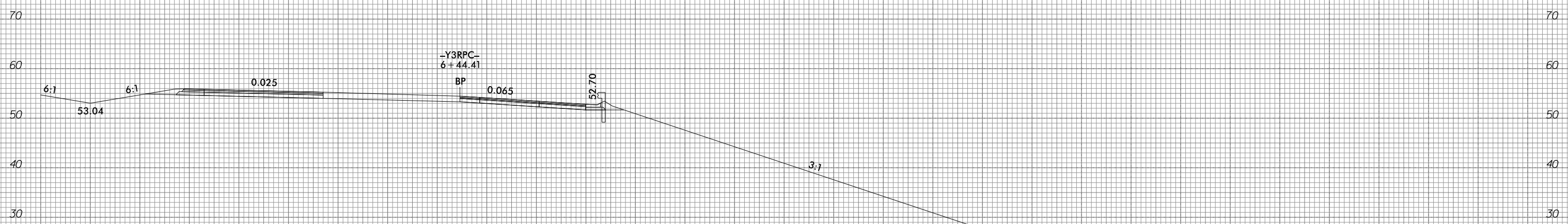
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R-1015

SHEET NO.  
X-119

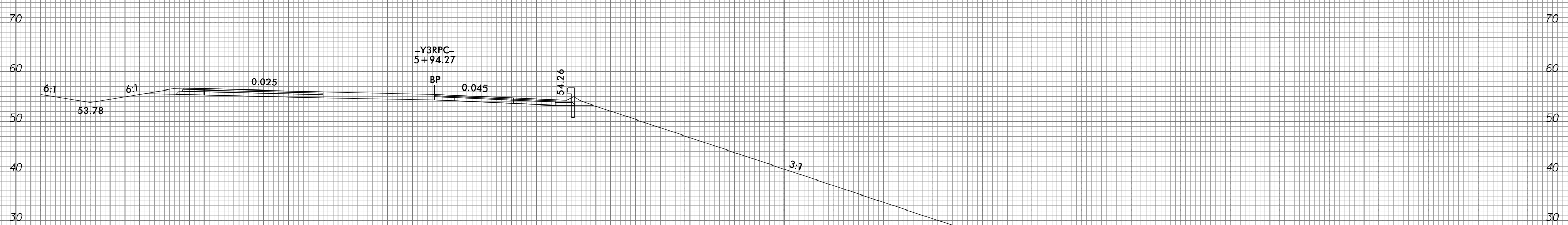
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232+00.00



231+50.00

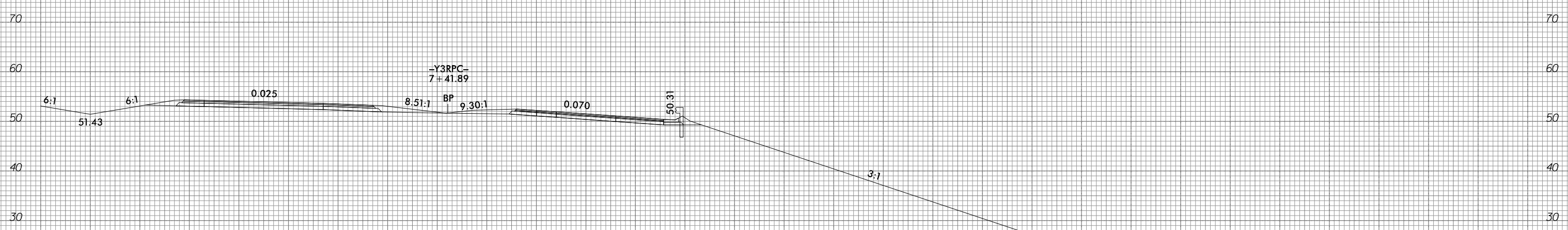
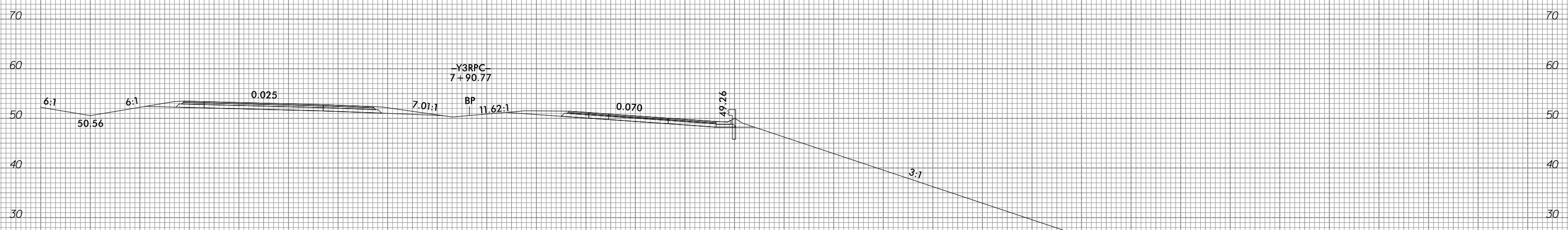
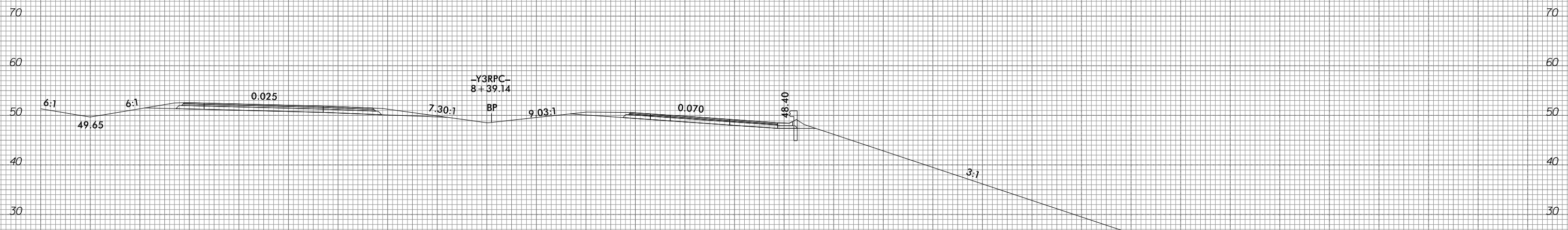


231+00.00

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10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

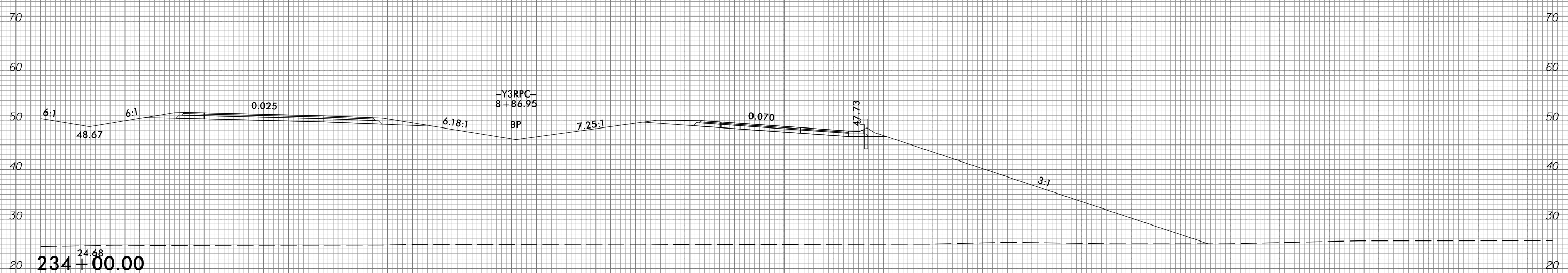
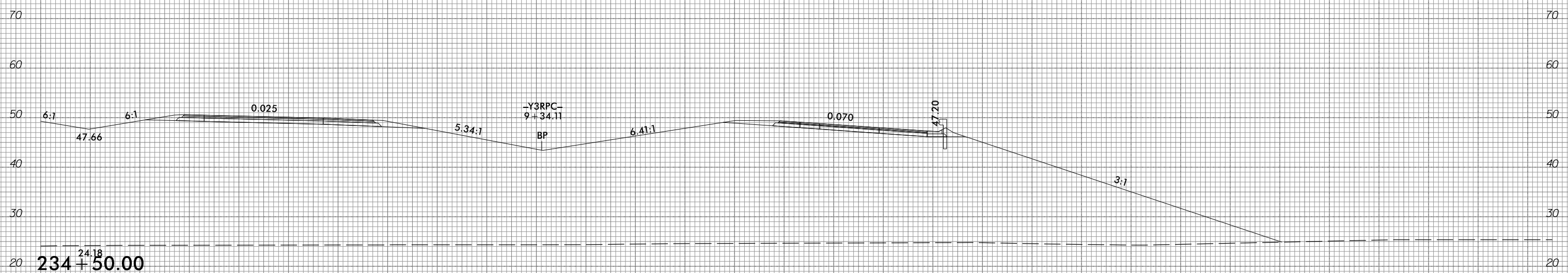
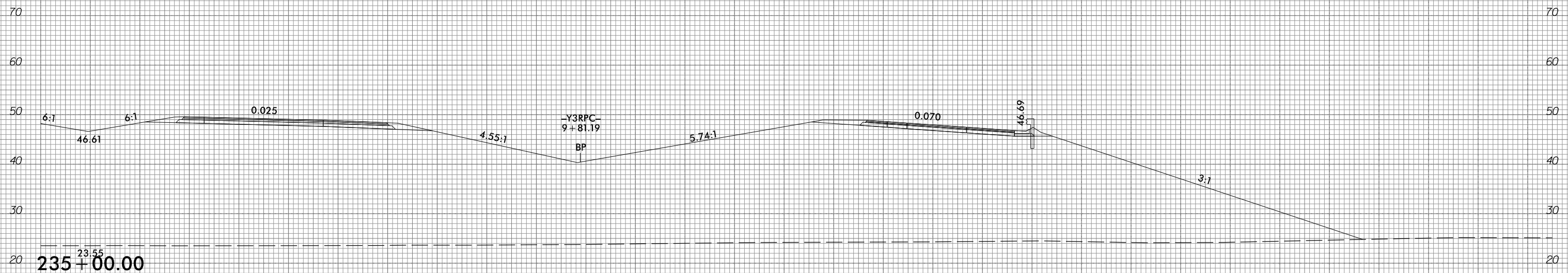
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-121

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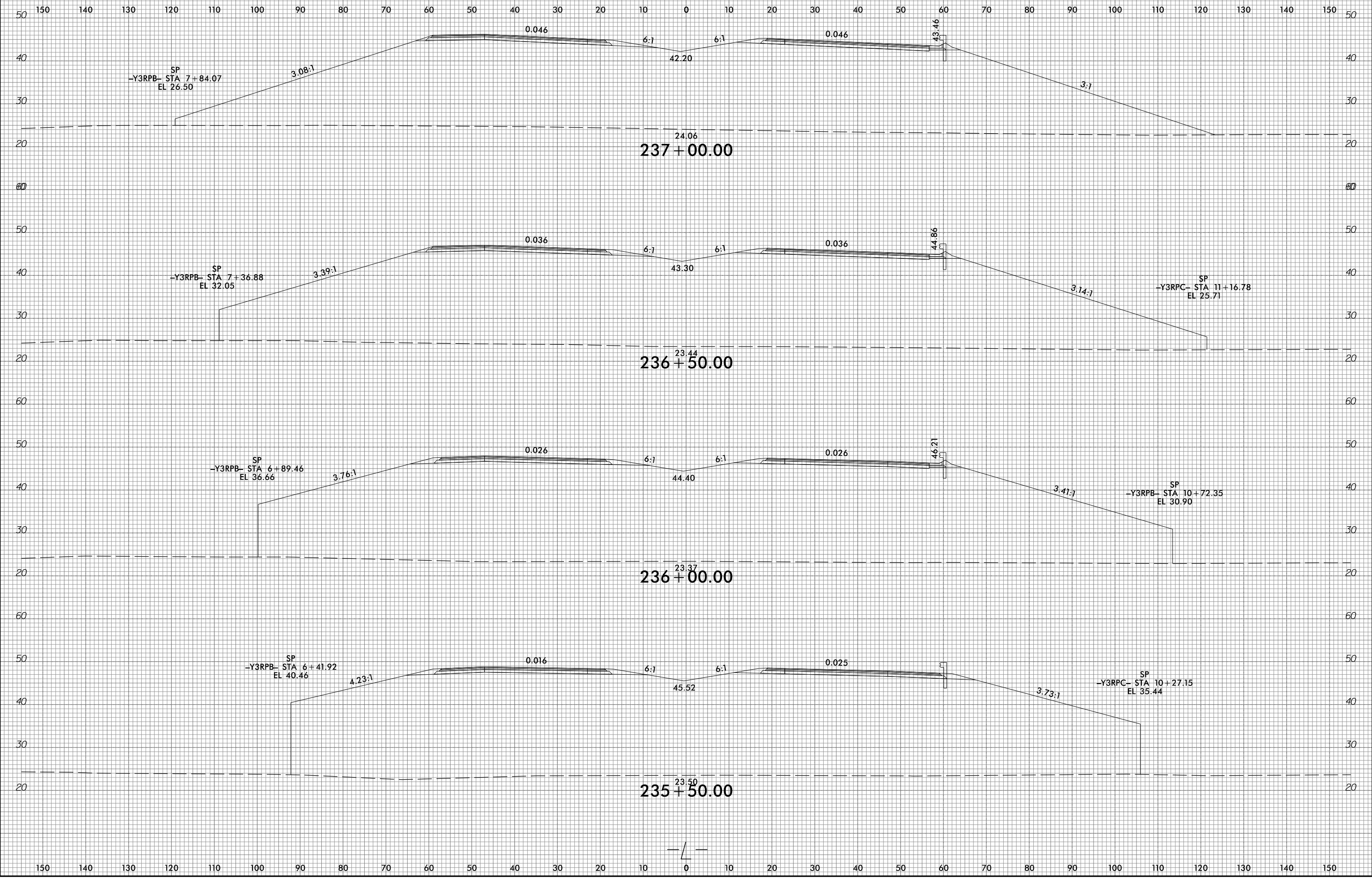
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-122



10/31/2018  
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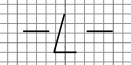
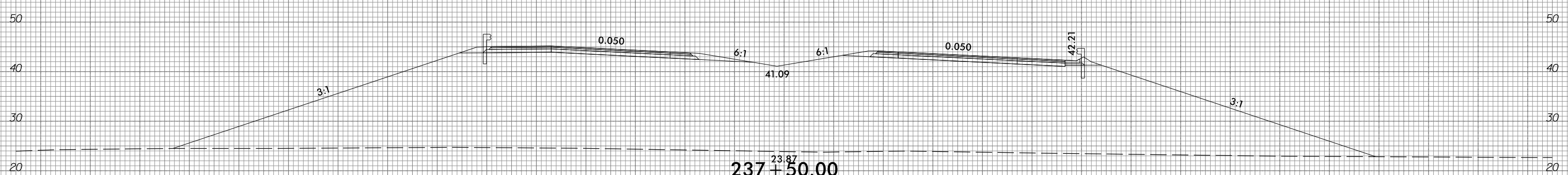
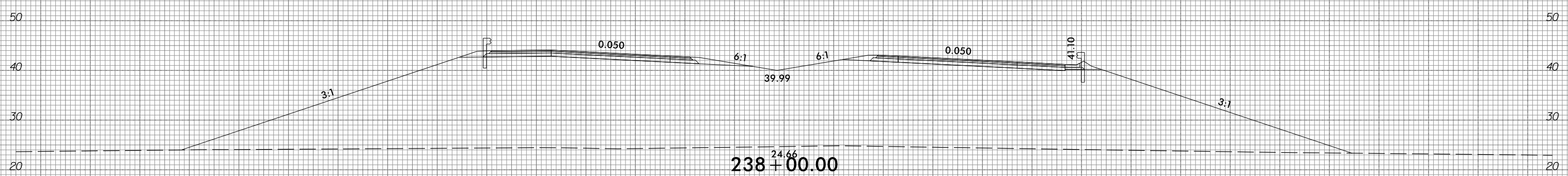
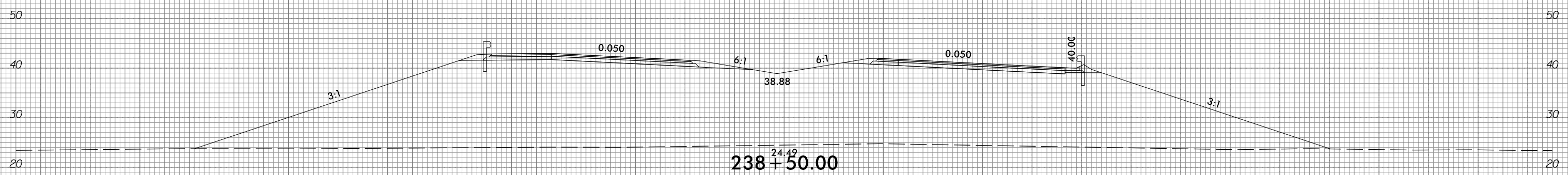
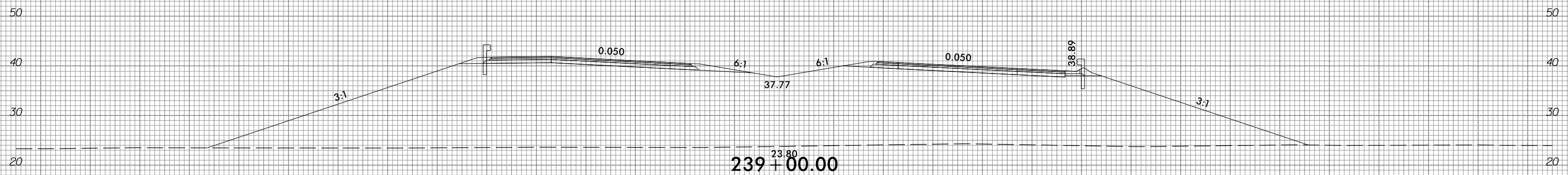
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-123

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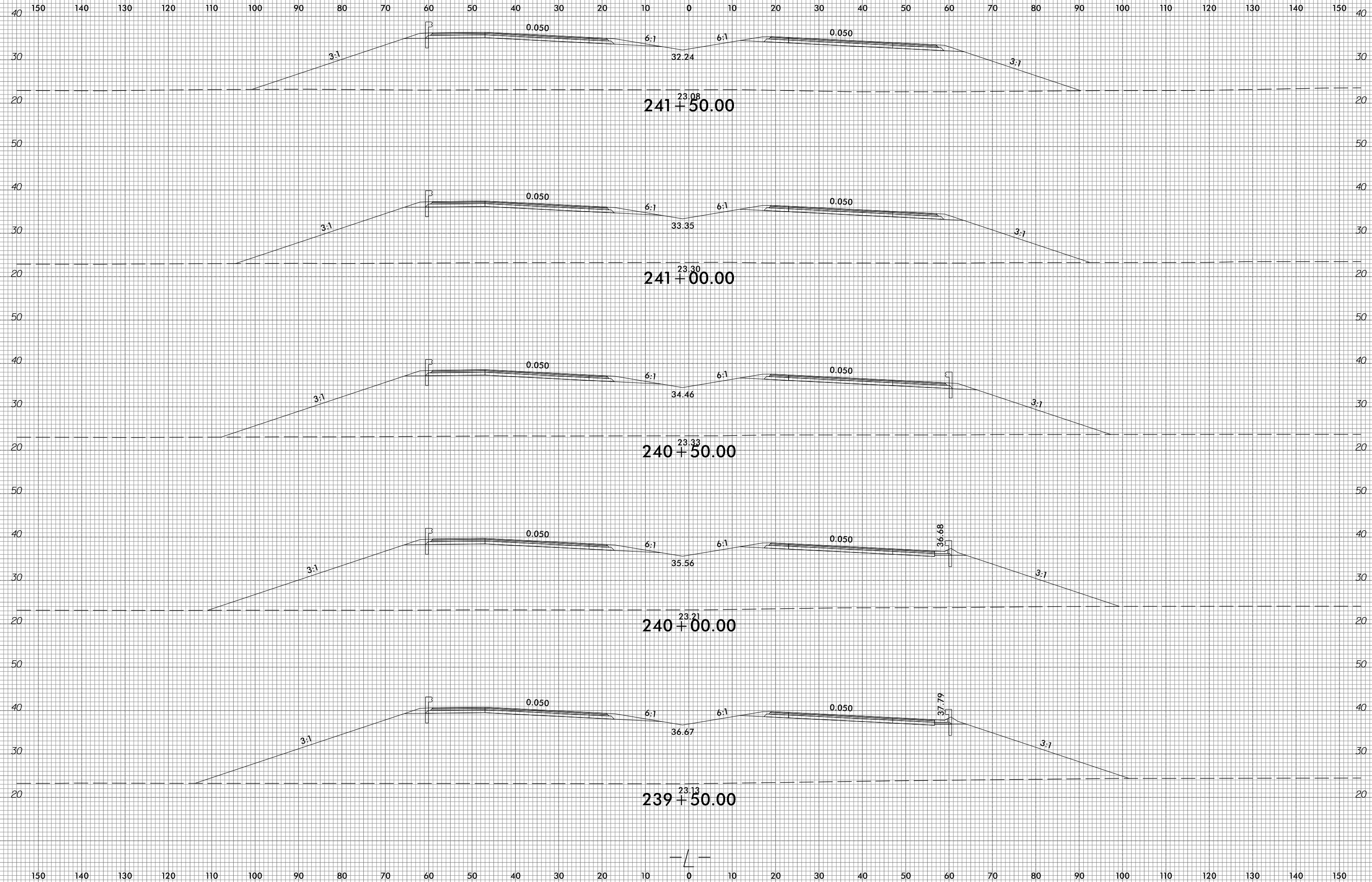


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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-124



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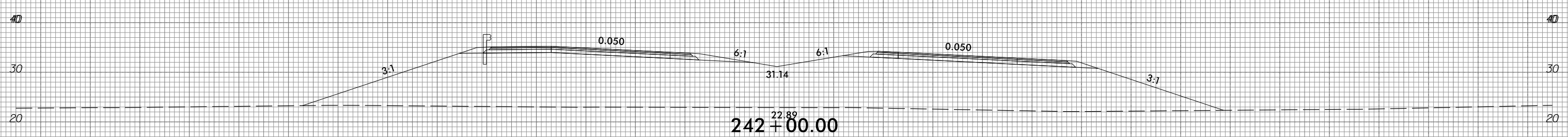
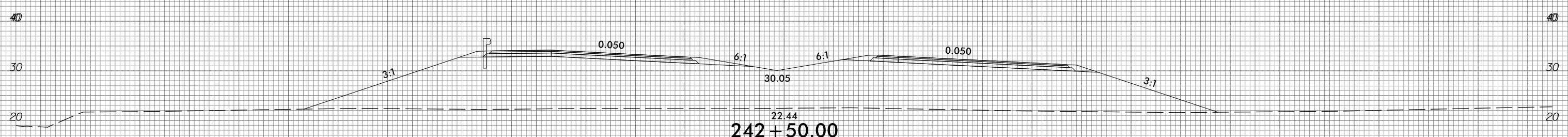
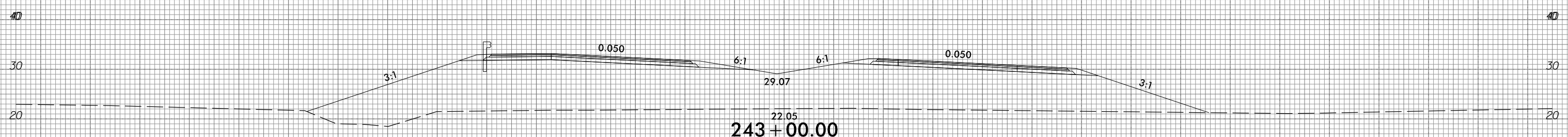
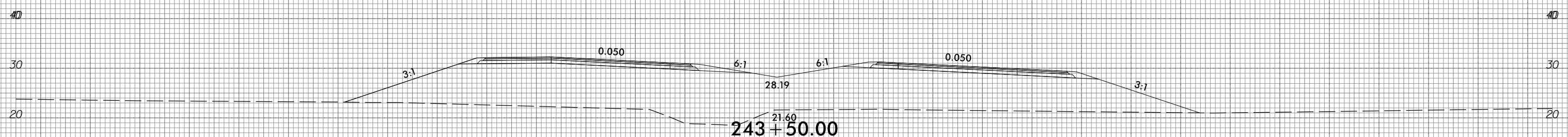
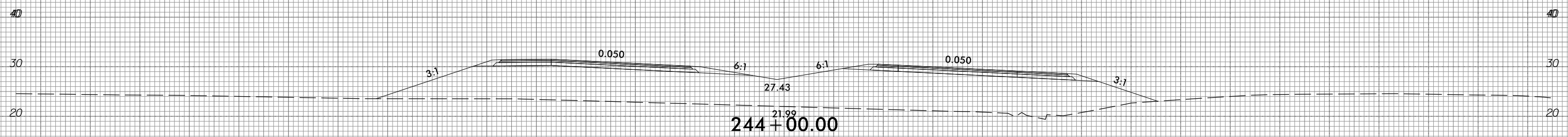
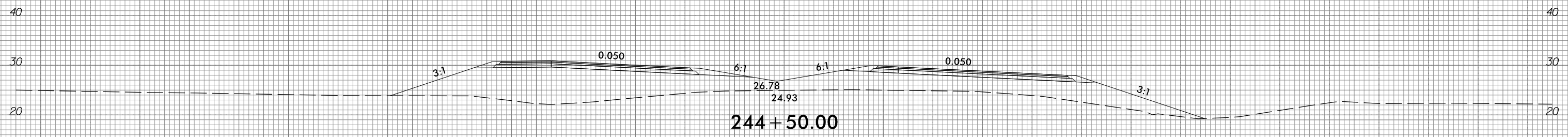
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-125

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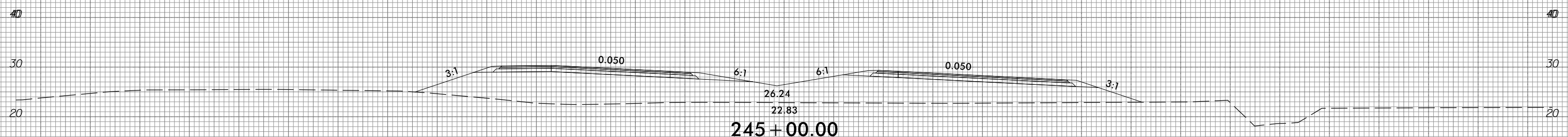
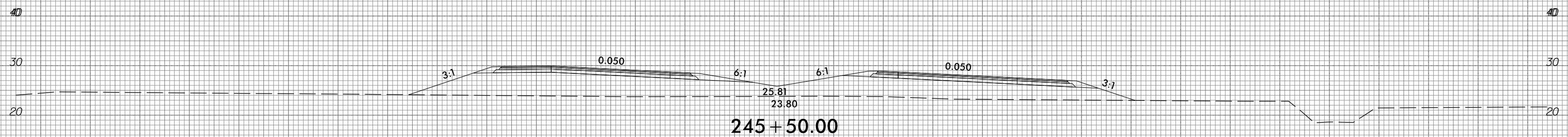
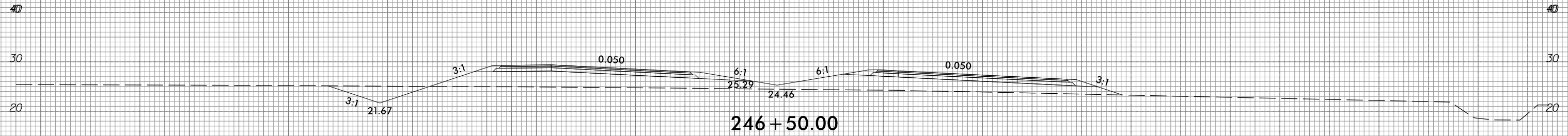
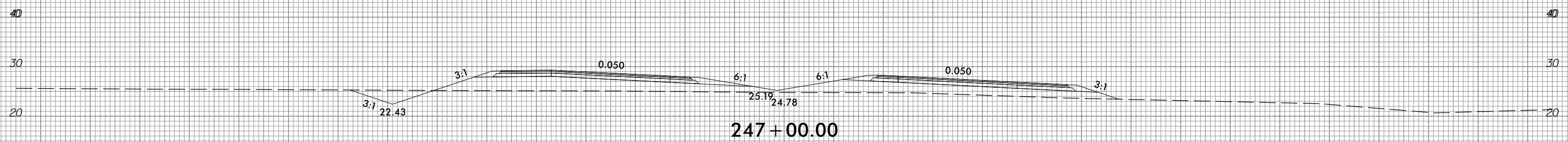
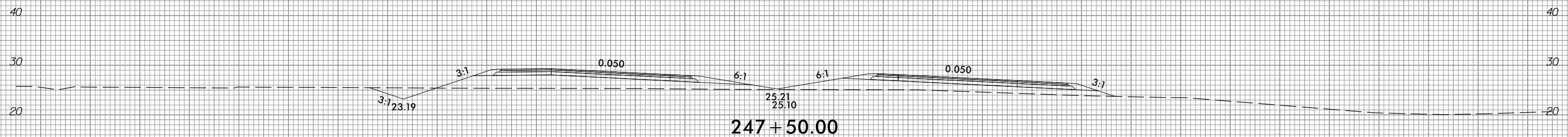
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-126

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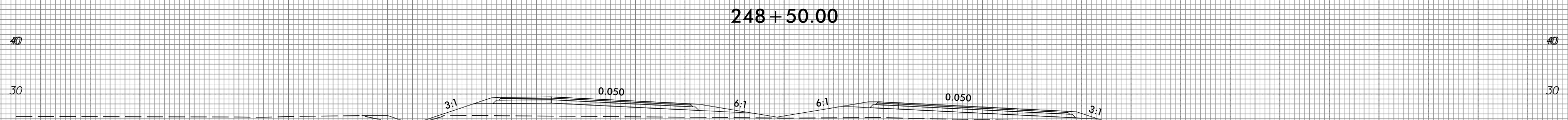
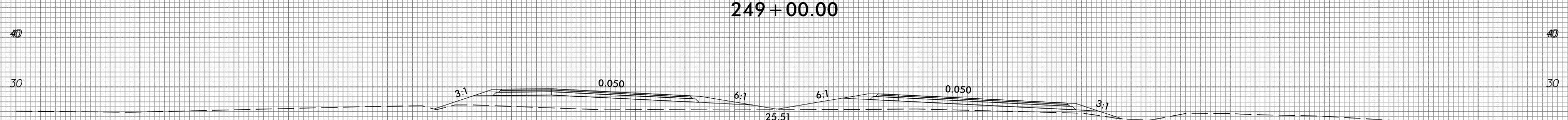
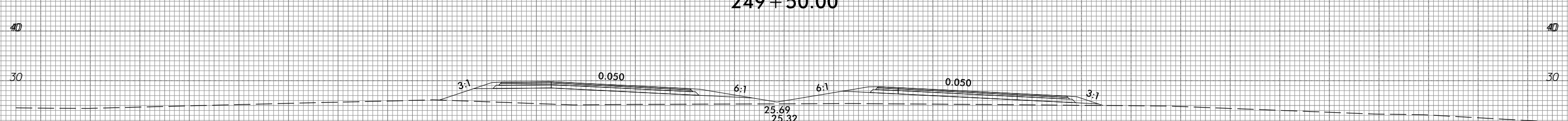
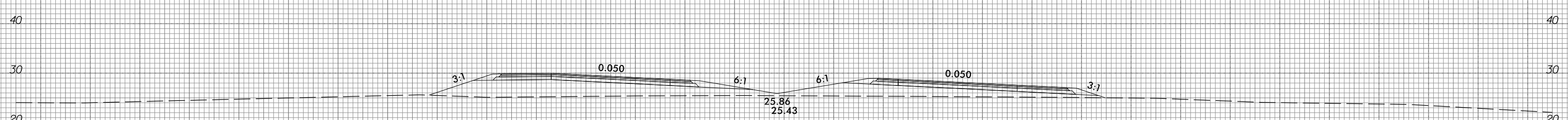
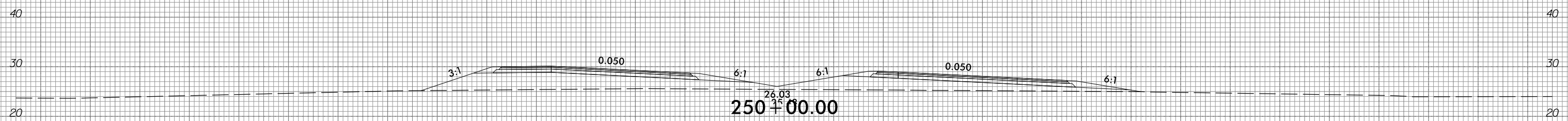
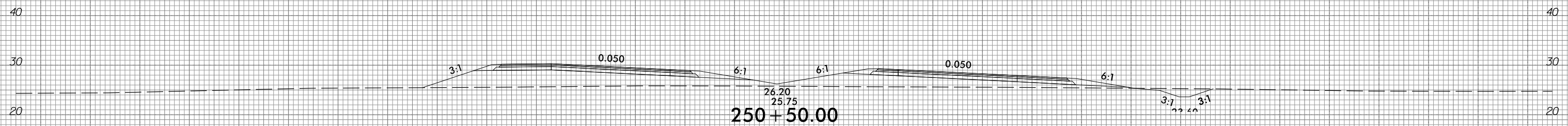
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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-127

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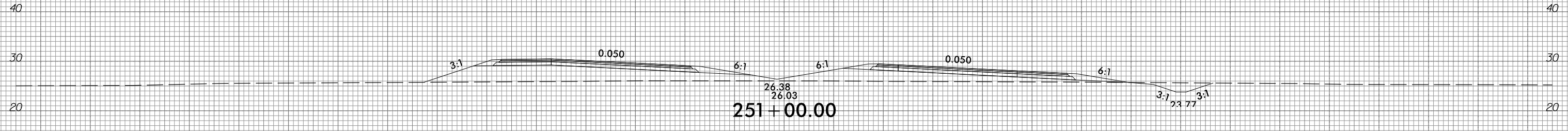
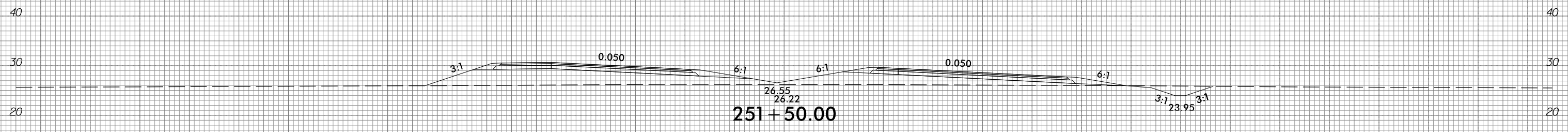
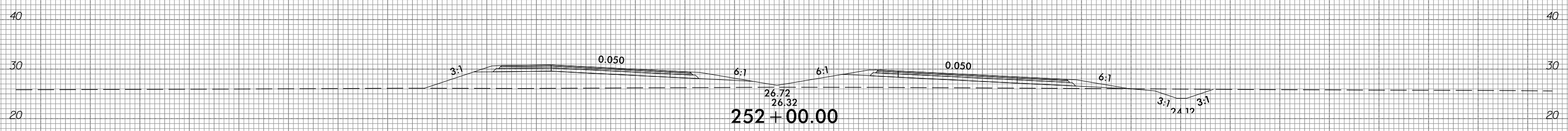
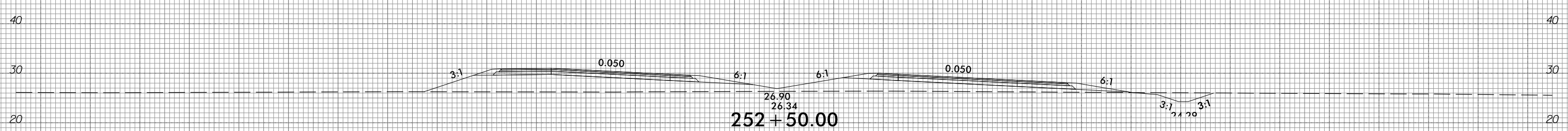
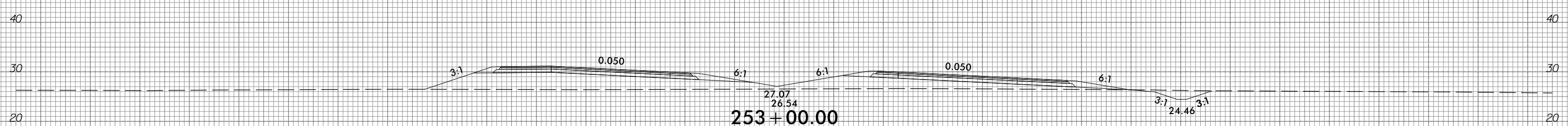
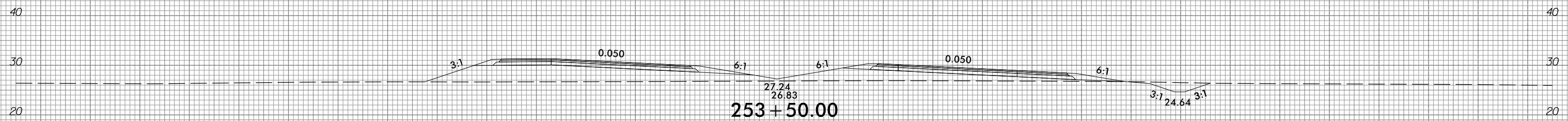


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 gmc31in



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



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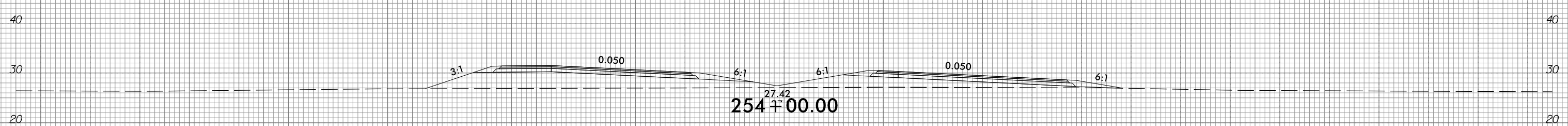
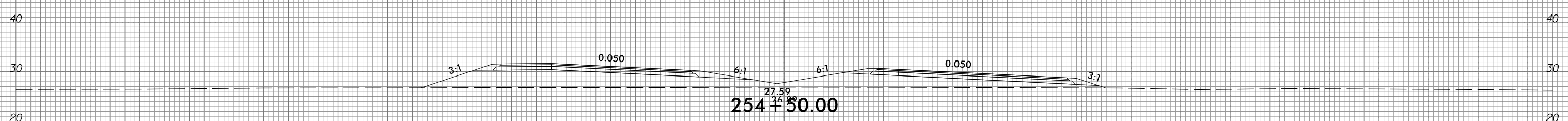
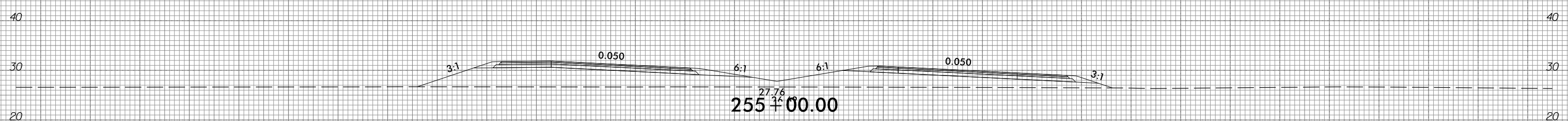
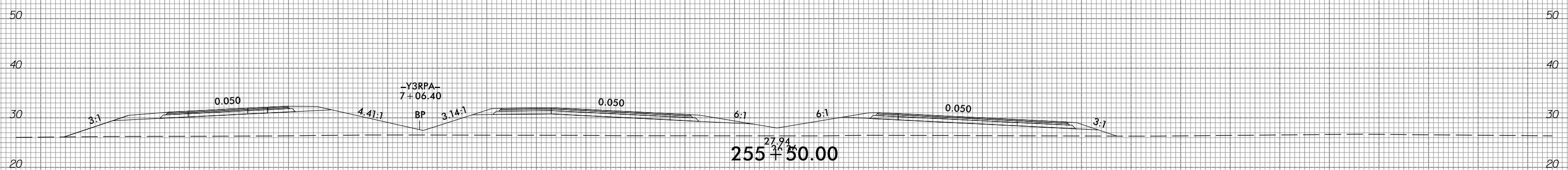
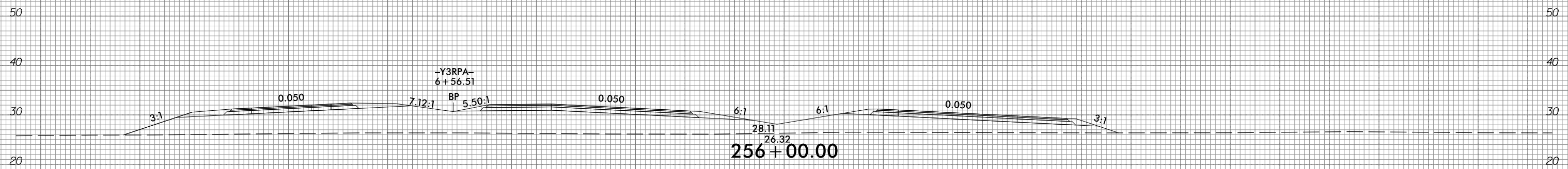
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-129

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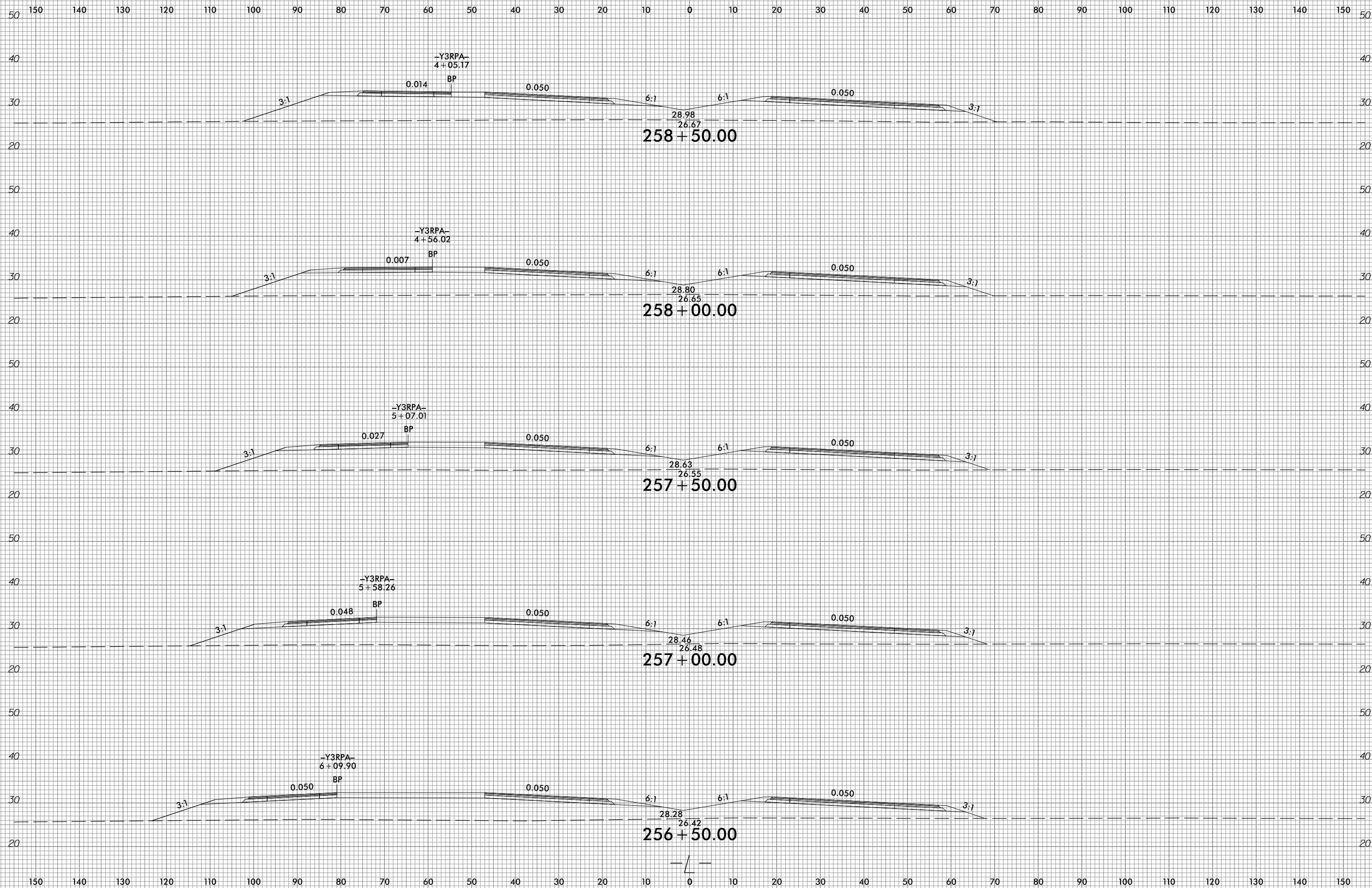
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gncdjin

6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-130



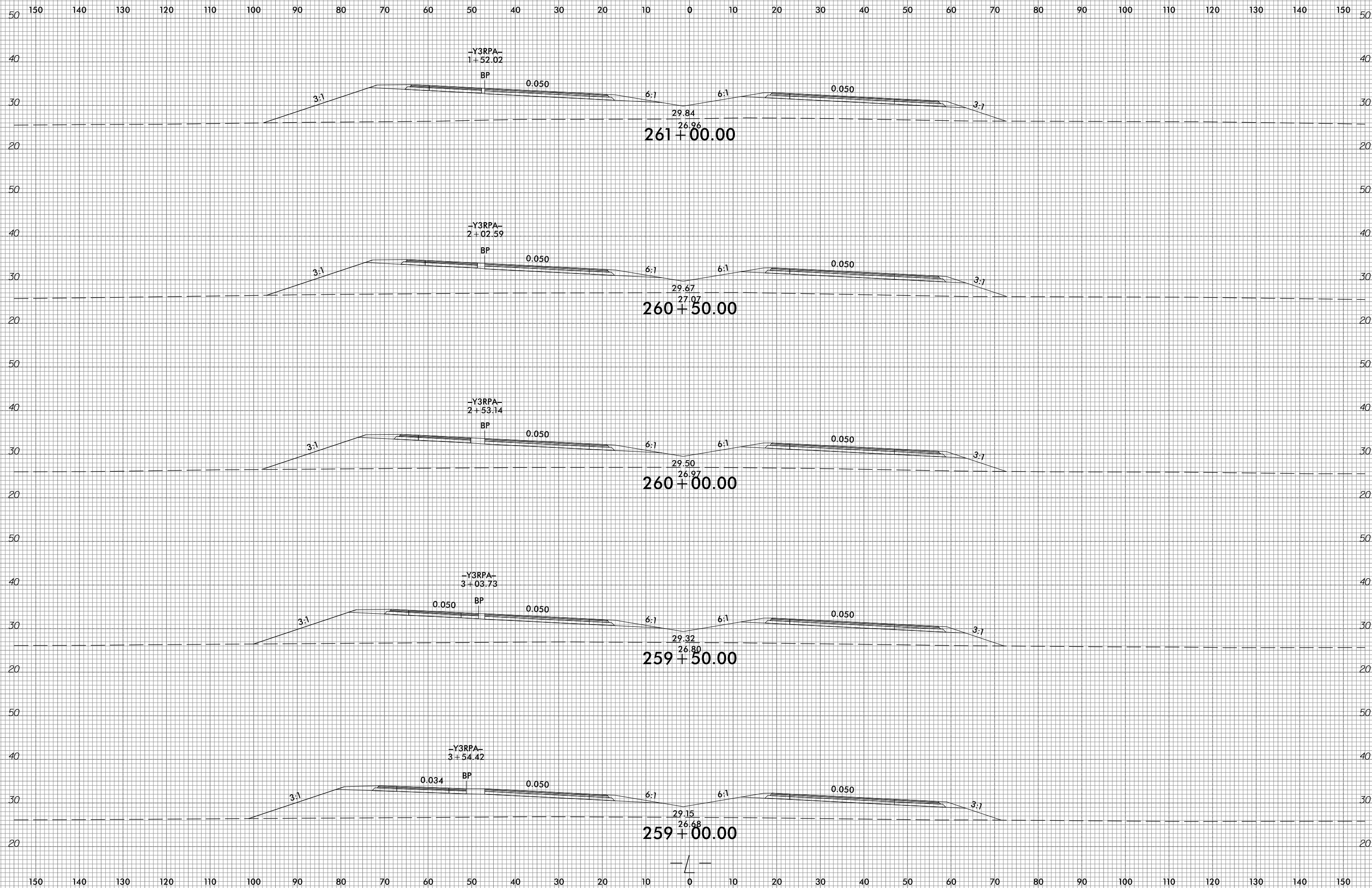
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gncdlin

6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-131



10/31/2018  
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gncdlin

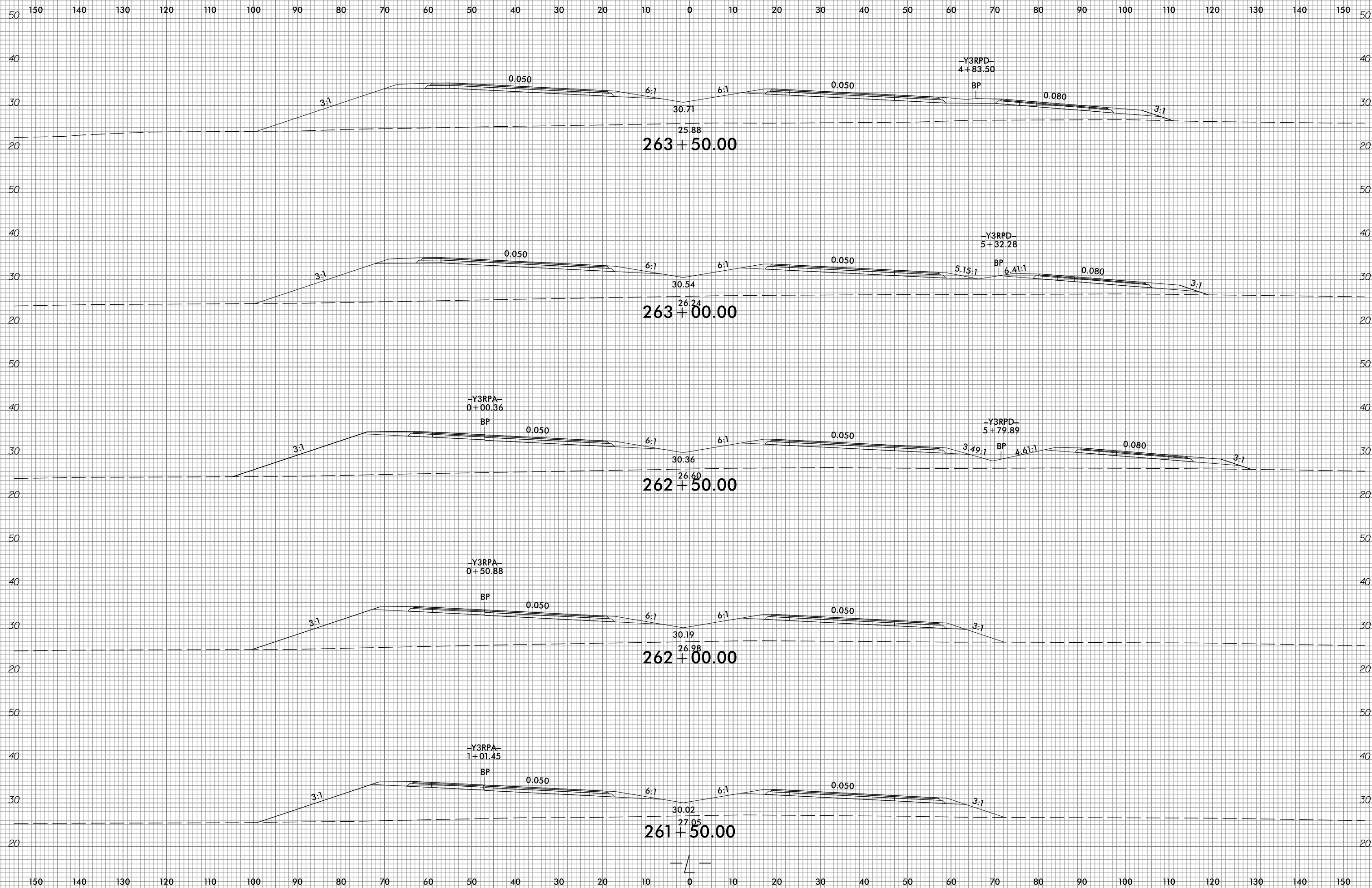


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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-132



10/31/2018  
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gncdjin

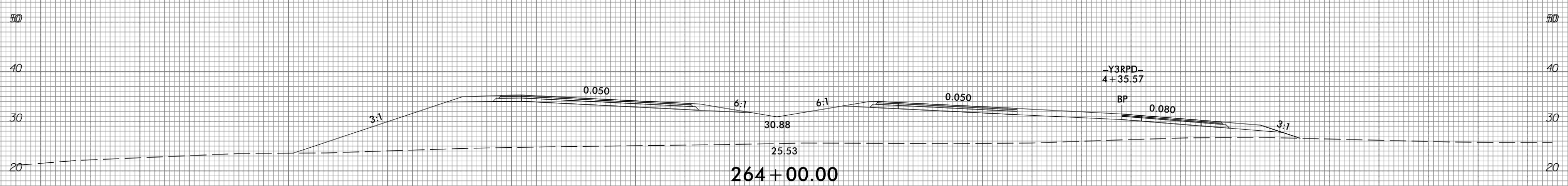
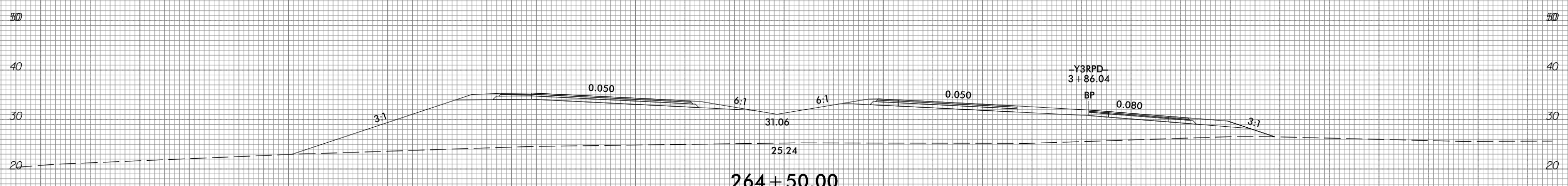
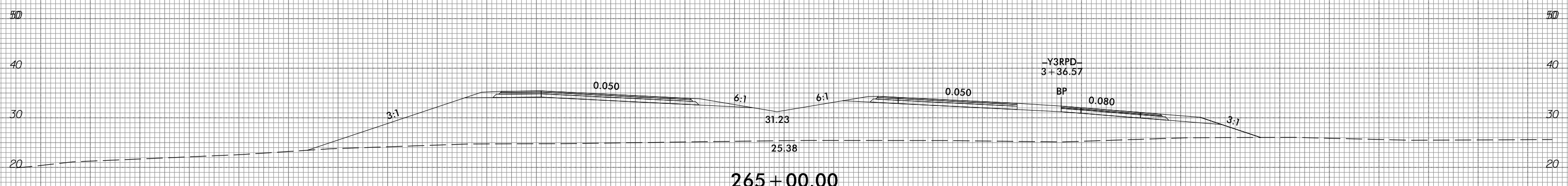
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-133

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

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gncdjin

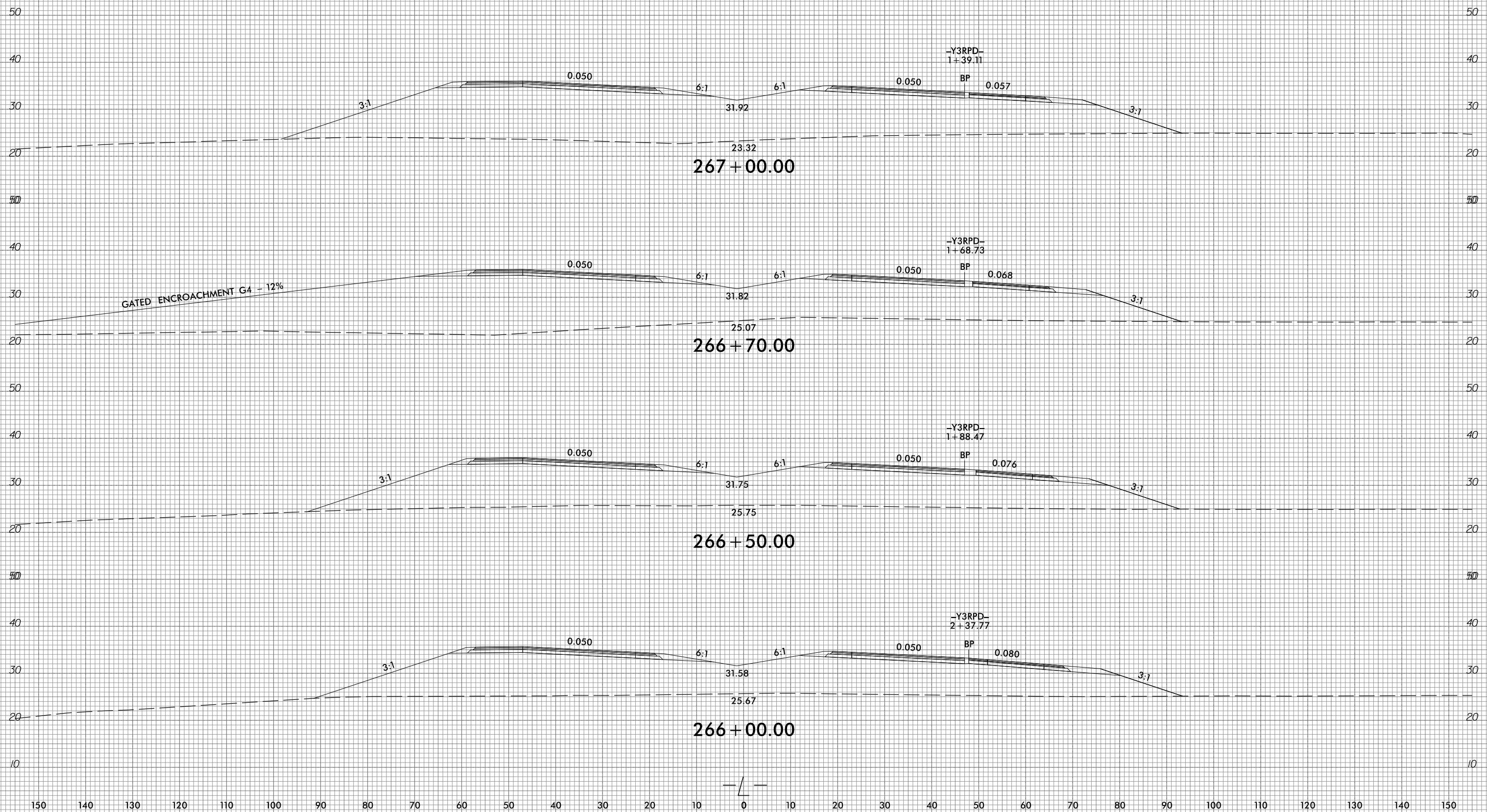
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-134

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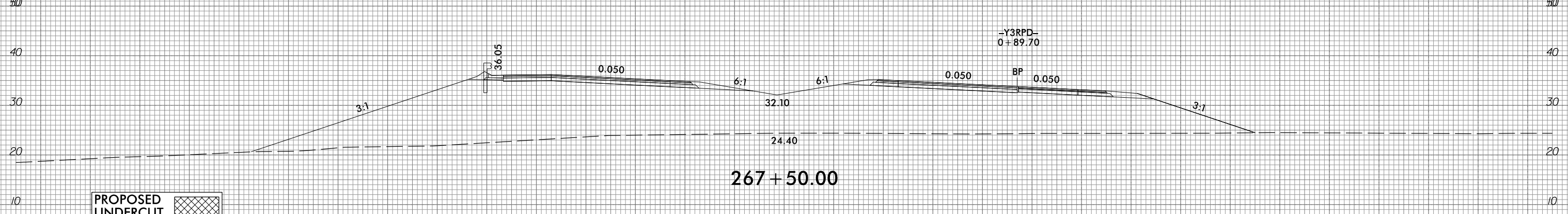
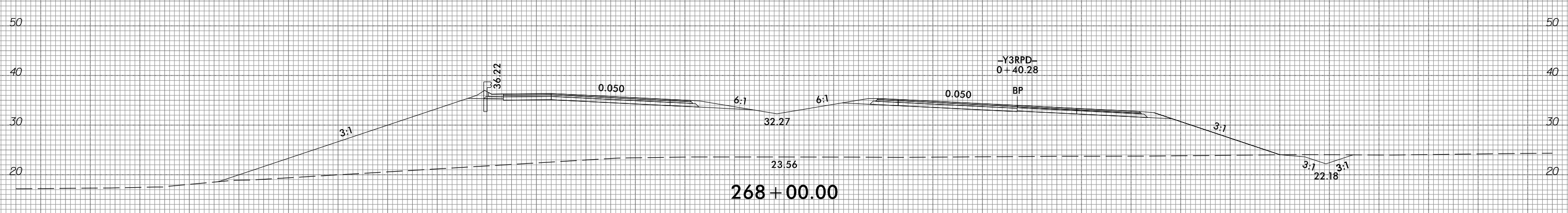
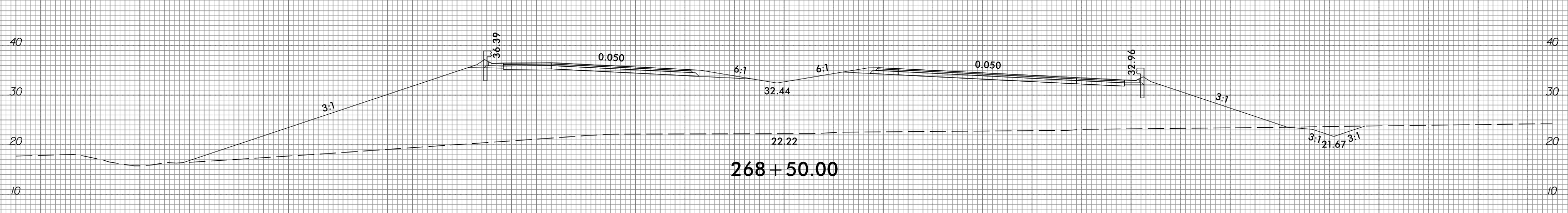
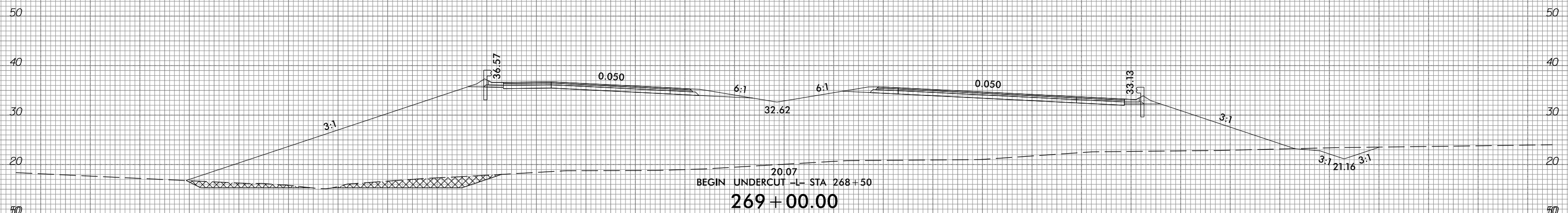


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gncdjin

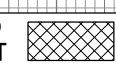
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



PROPOSED UNDERCUT



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

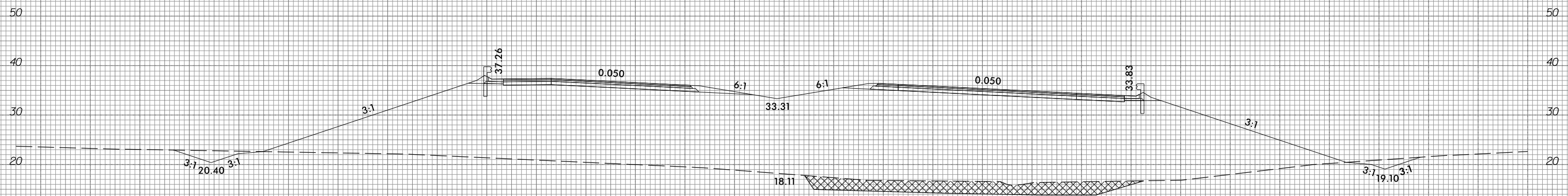
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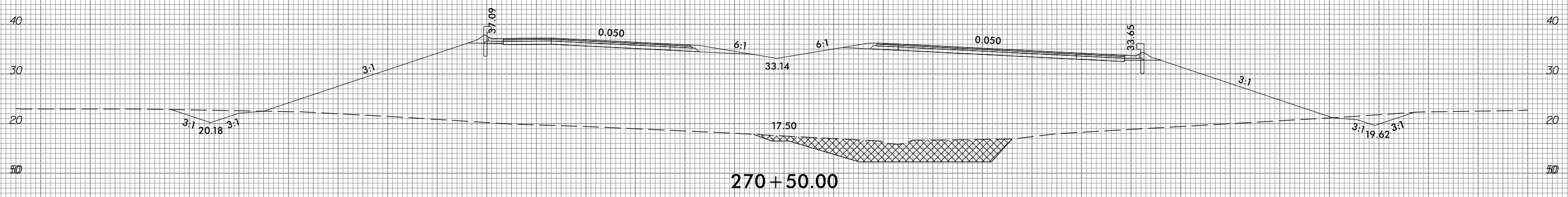
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-136

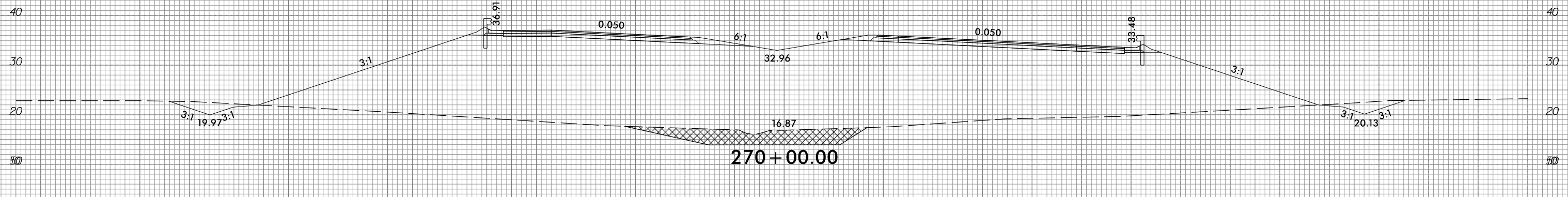
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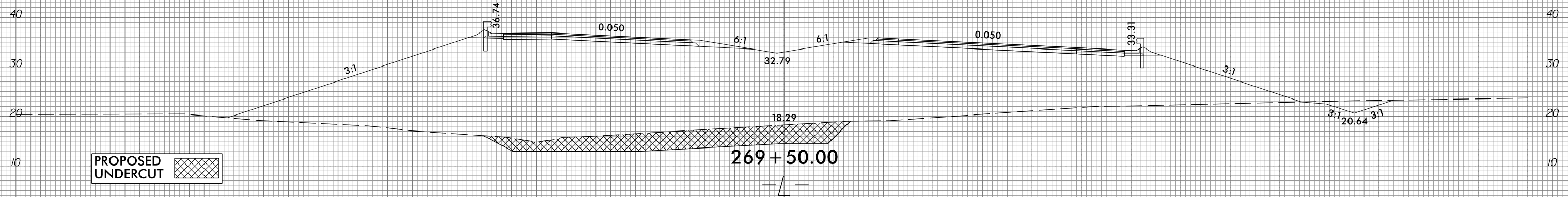
271 + 00.00



270 + 50.00



270 + 00.00



269 + 50.00

PROPOSED UNDERCUT



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

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gmc31in

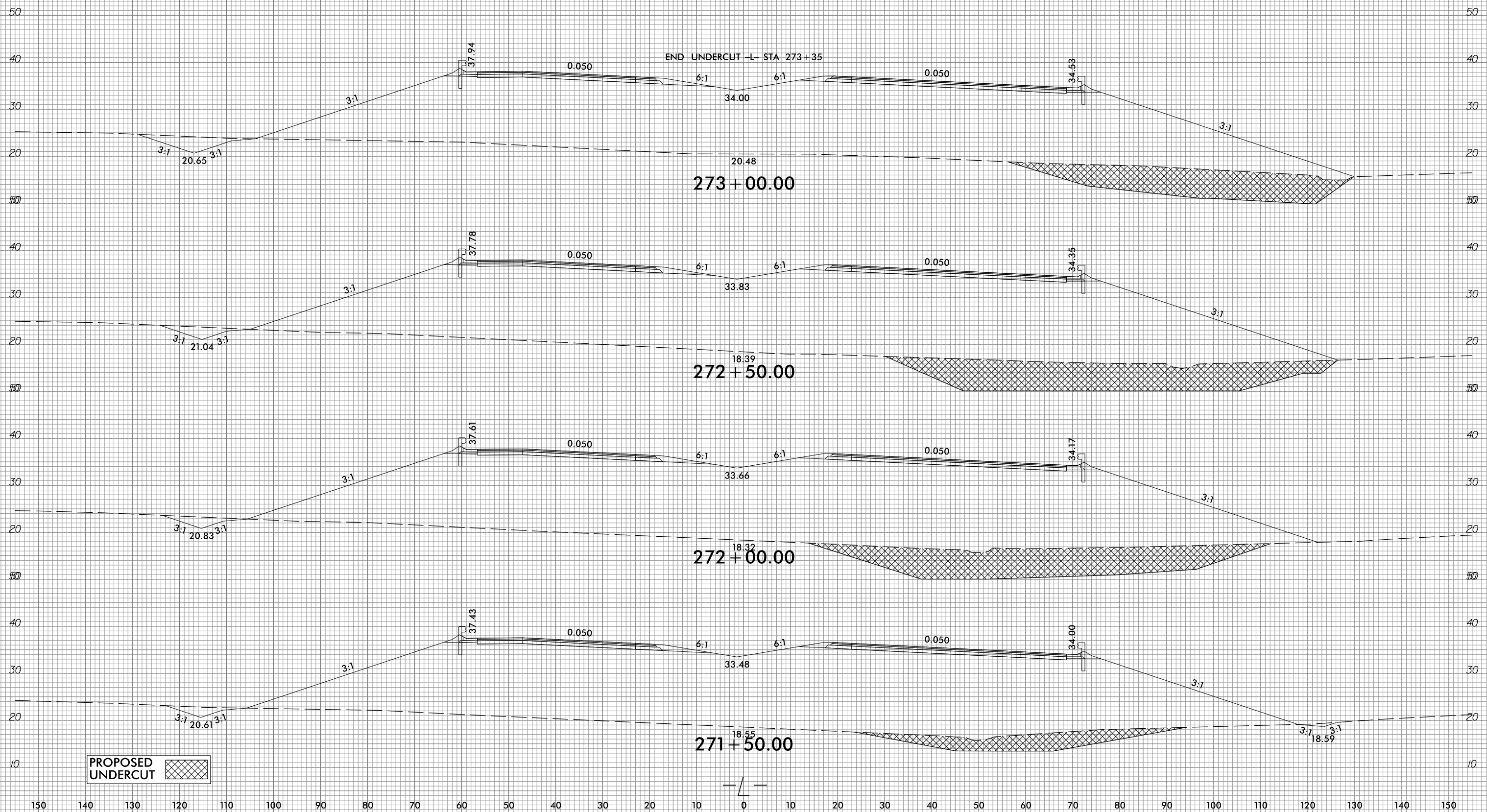
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-137

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gmcjlin

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

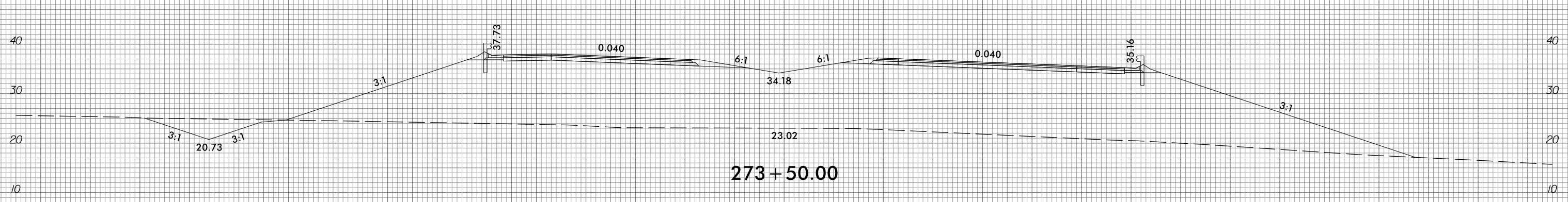
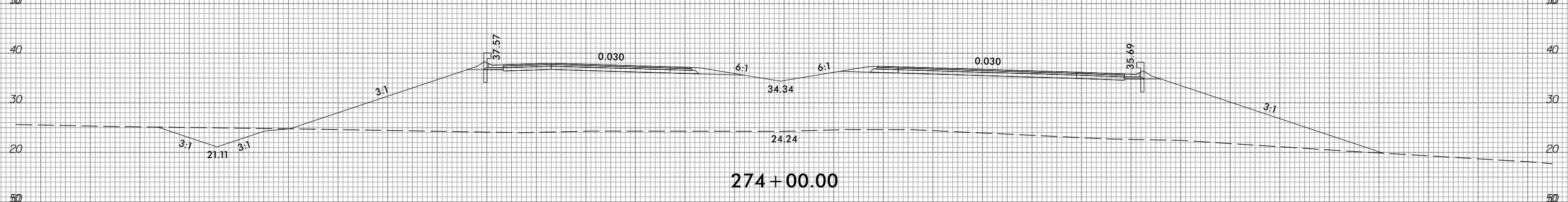
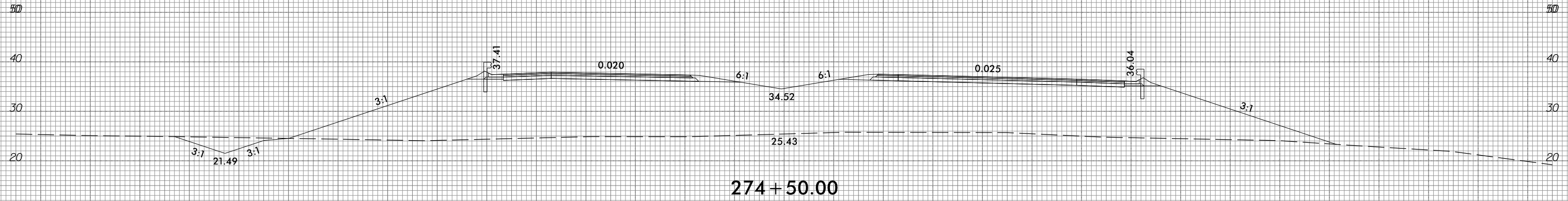
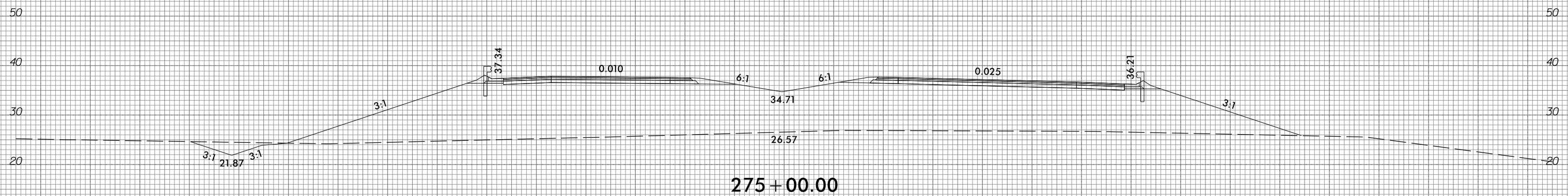
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-138

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

10/31/2018 9:29:02 AM C:\Users\Roadway\XSC\1015\_xp1.L.dgn gncdlin

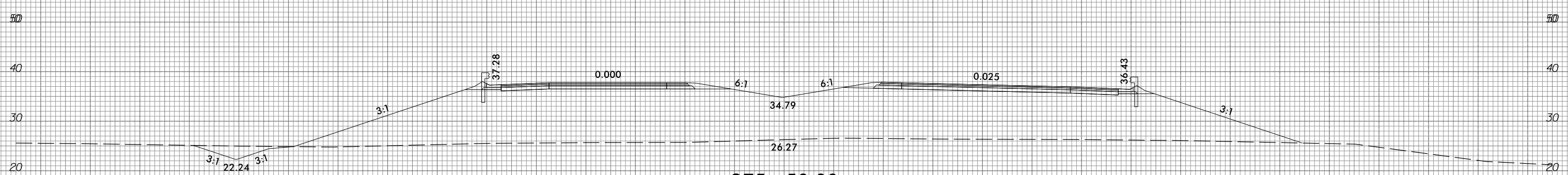
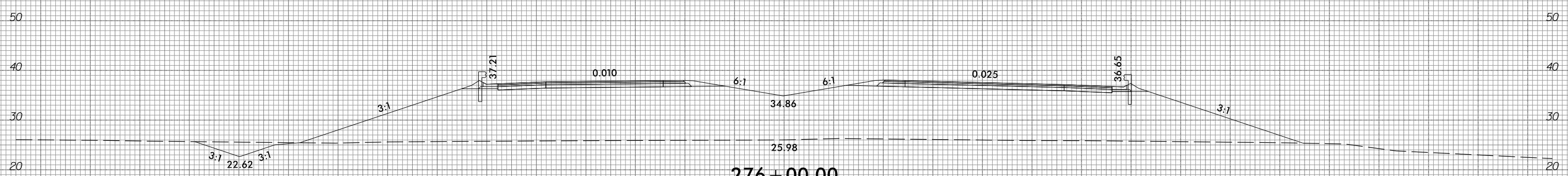
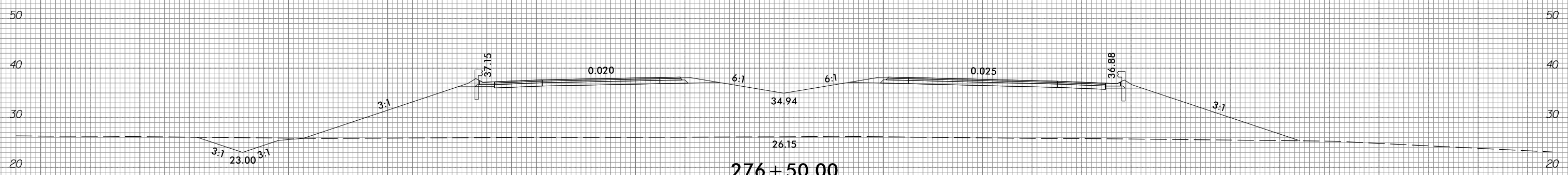
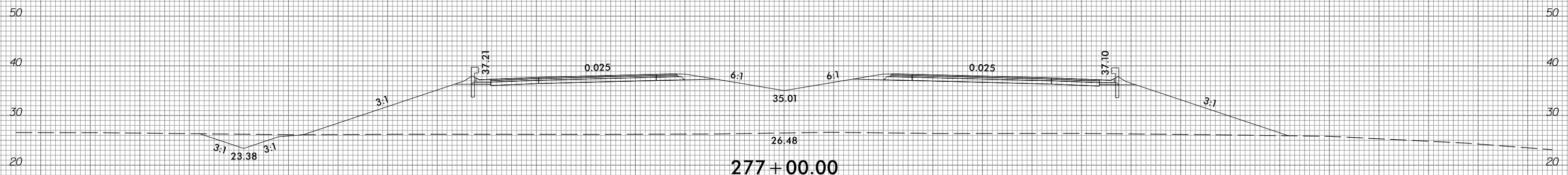
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-139

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

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gncdlin



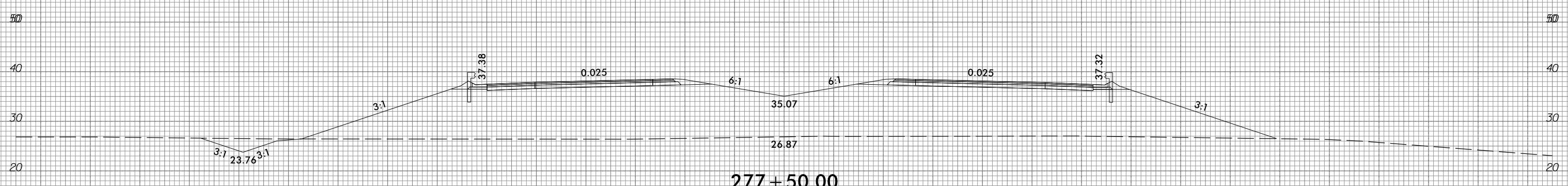
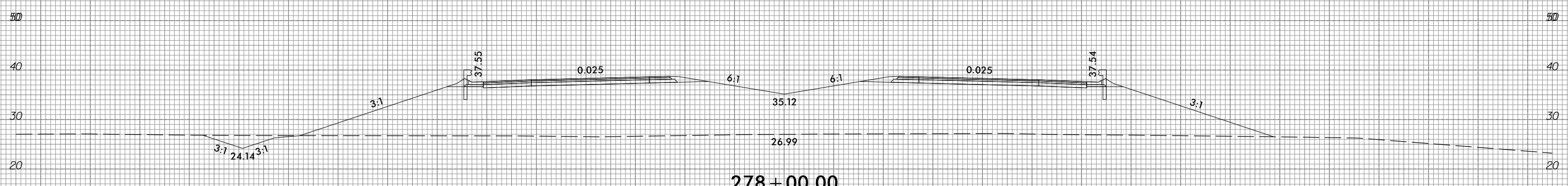
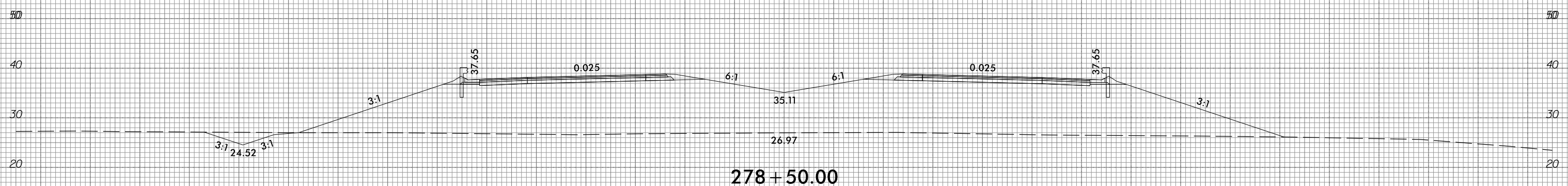
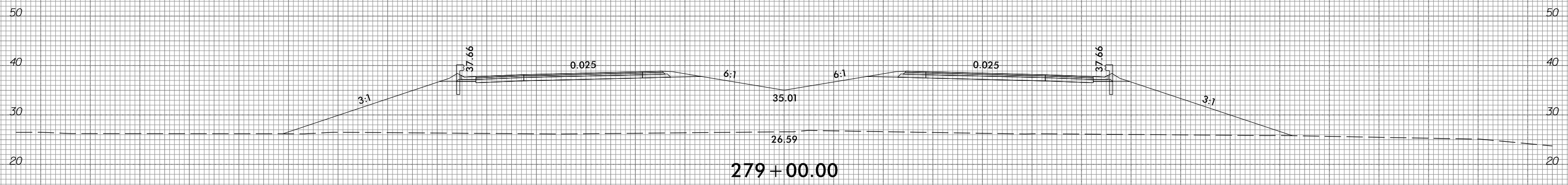
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-140

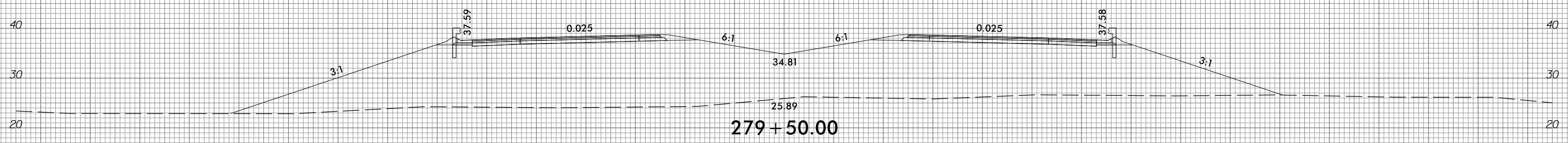
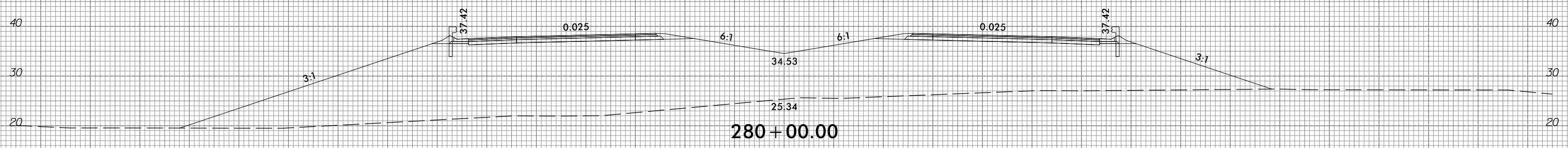
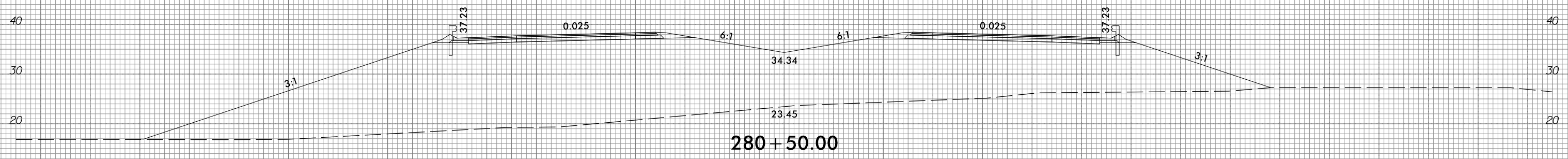
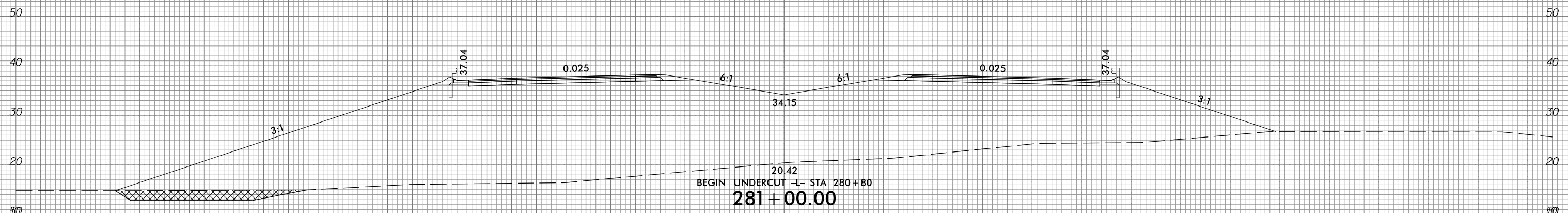
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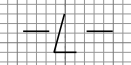
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

10/31/2018  
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gmc31in

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



PROPOSED UNDERCUT



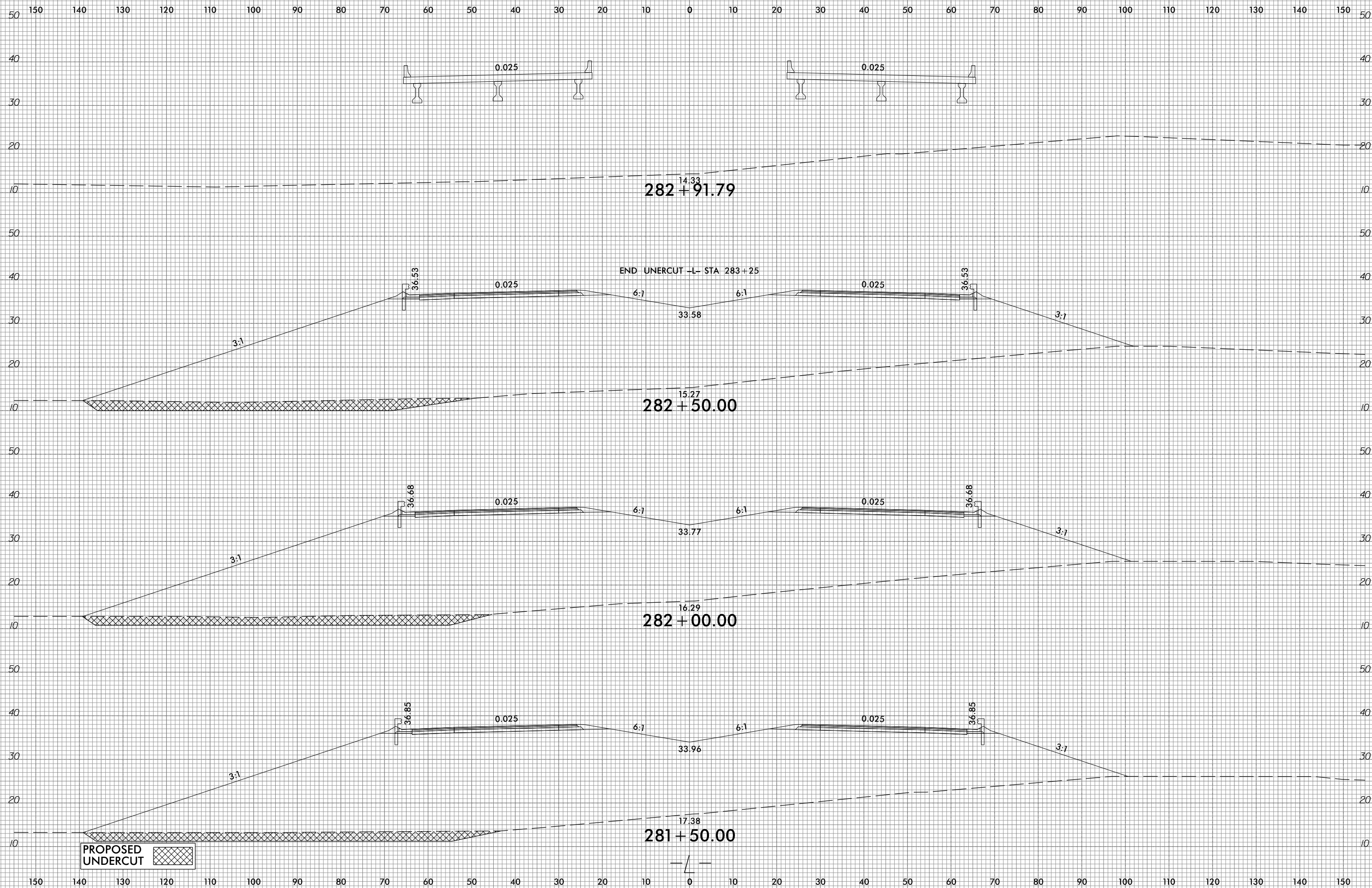
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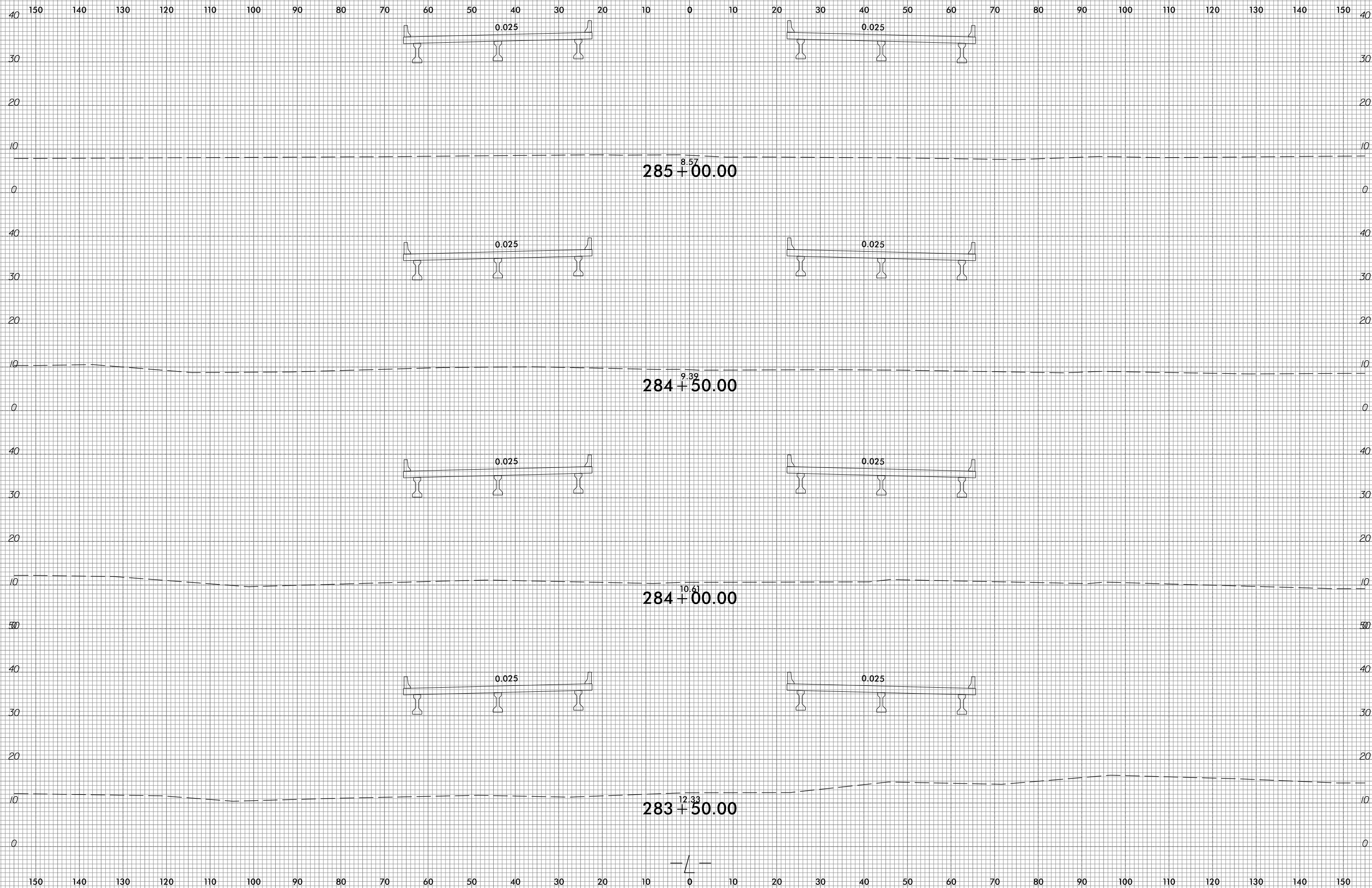
PROJ. REFERENCE NO.  
R-1015

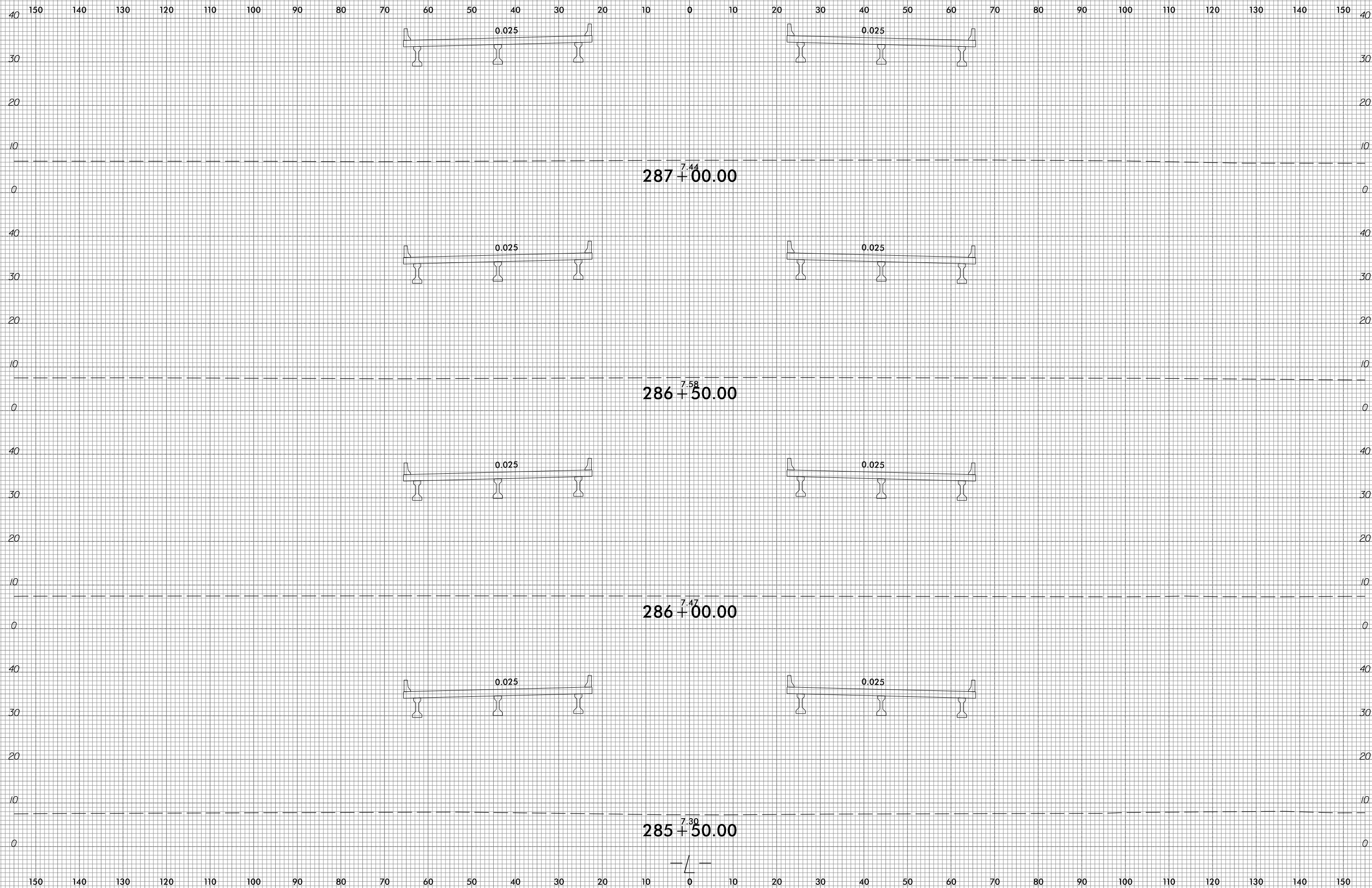
SHEET NO.  
X-142



PROPOSED UNDERCUT

10/31/2018  
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gncdjin



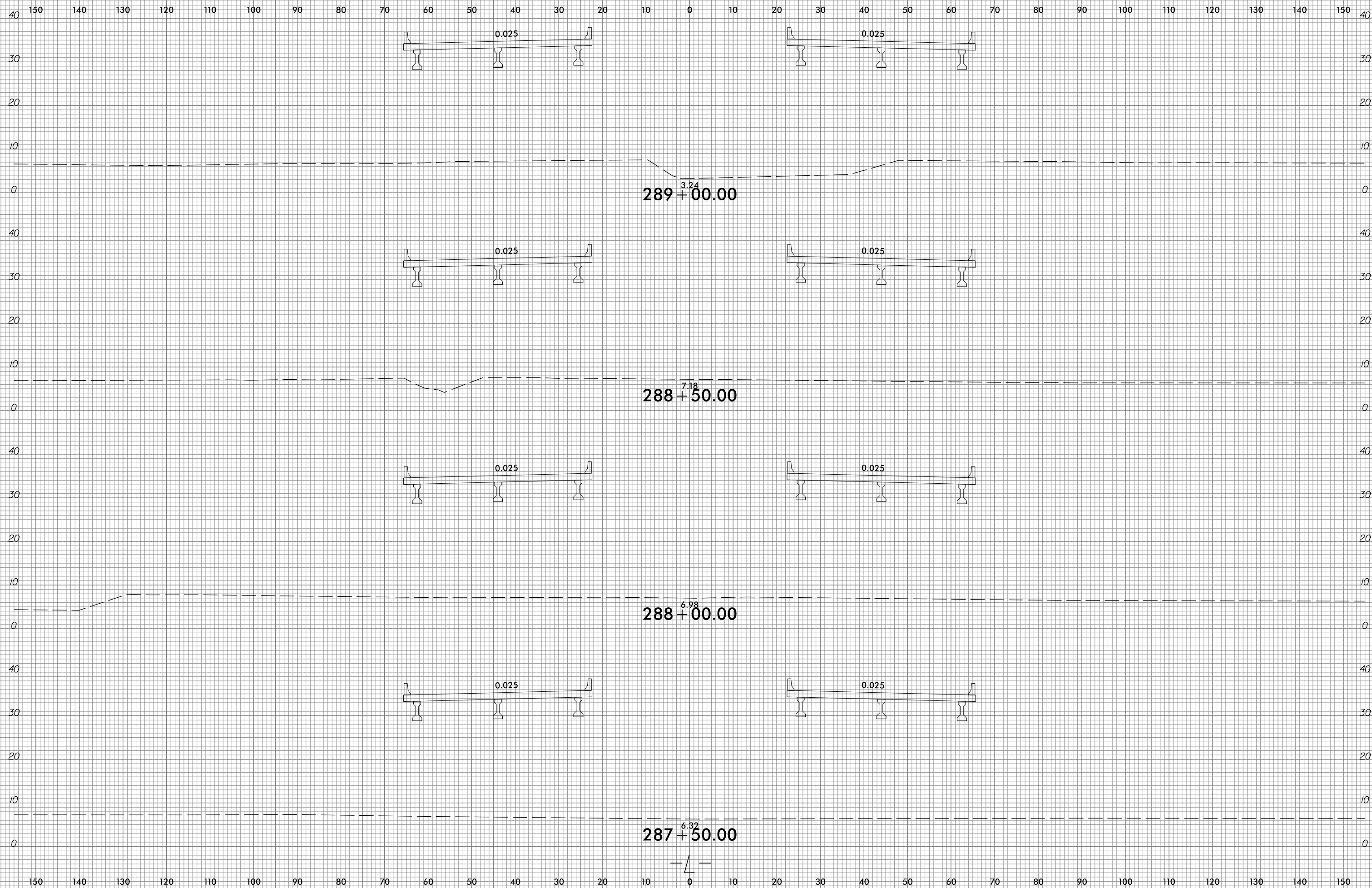


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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-145



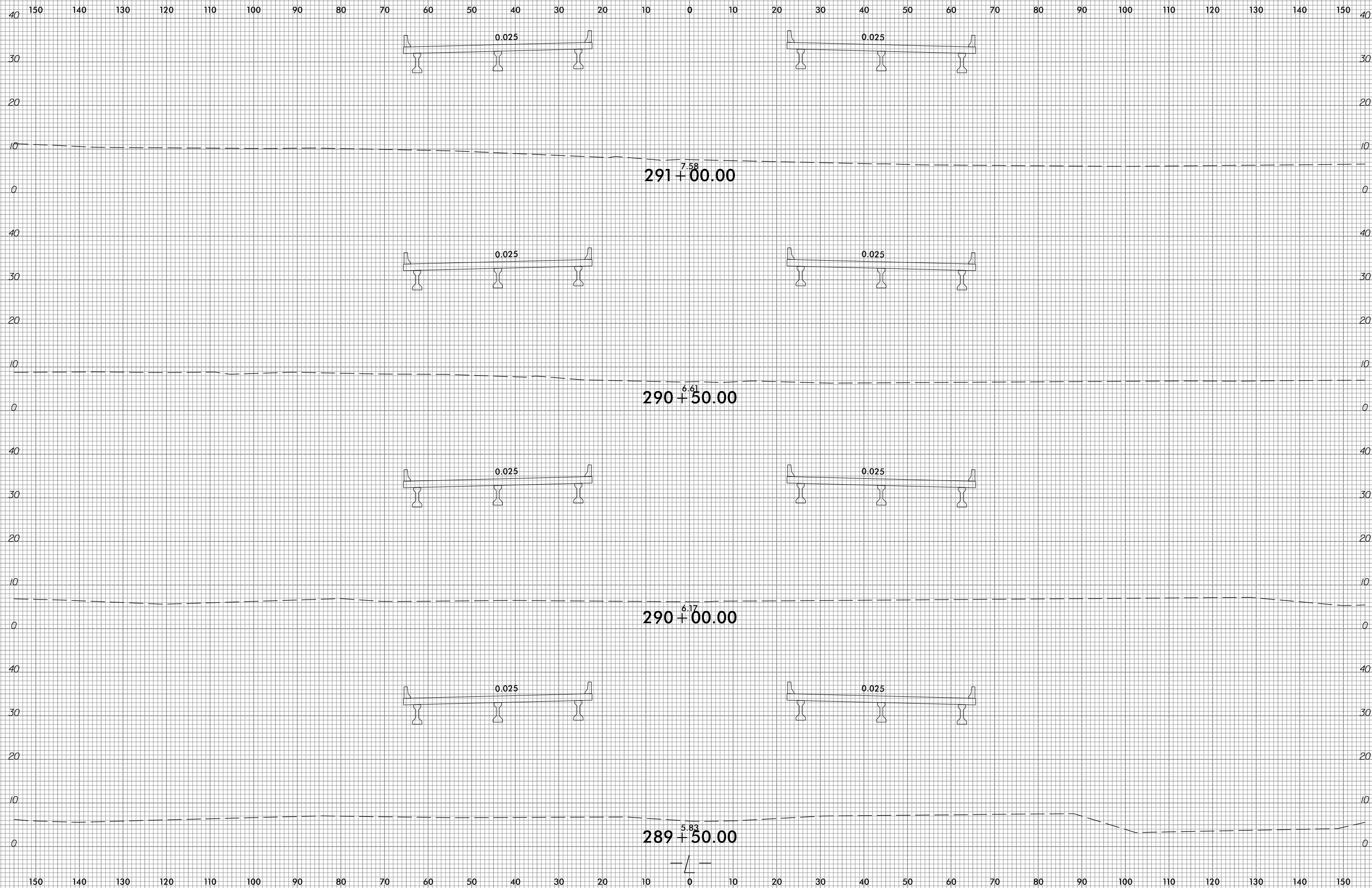
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gncdlin

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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-146



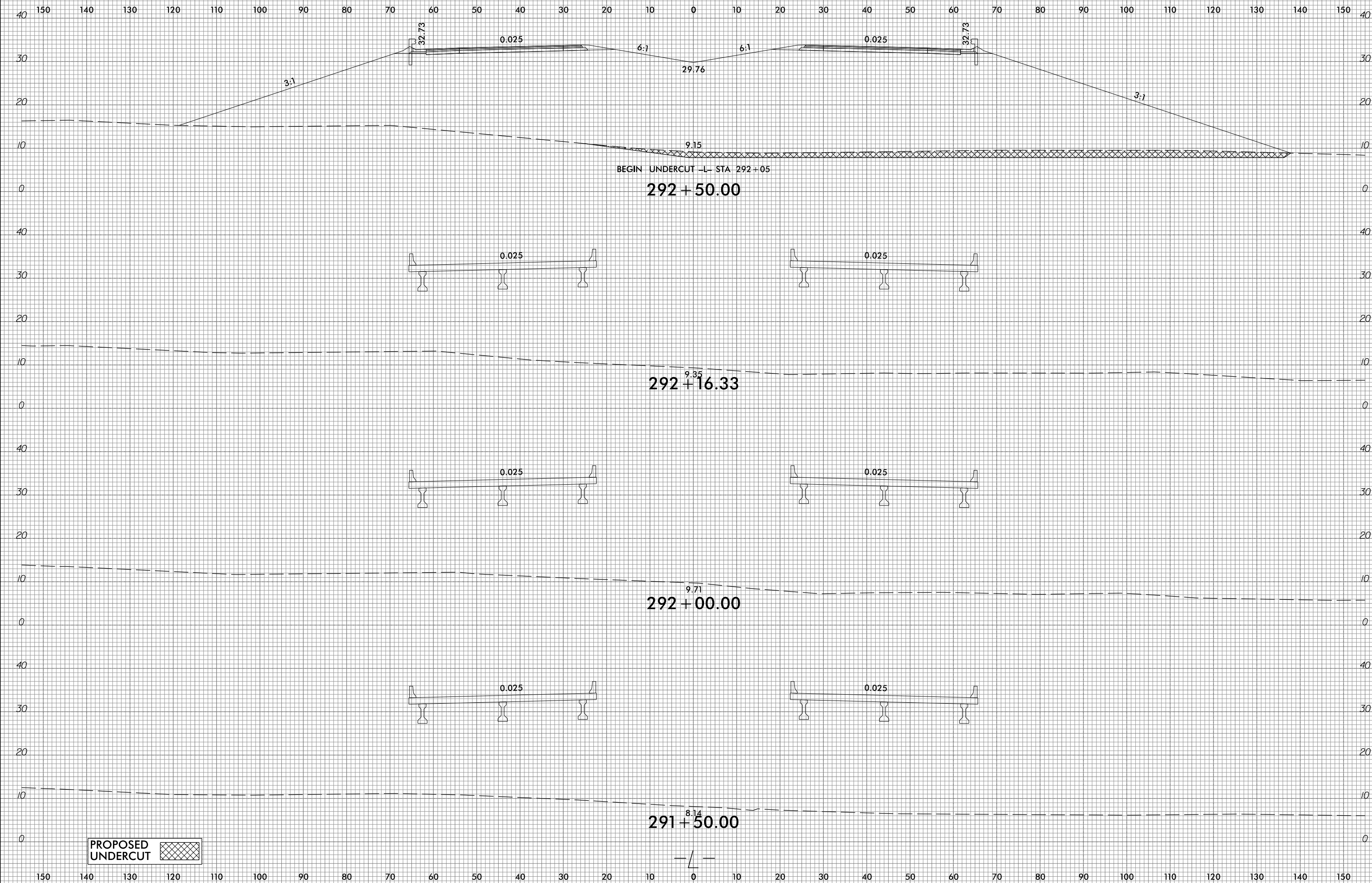
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gncdlin

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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-147



PROPOSED UNDERCUT

10/31/2018  
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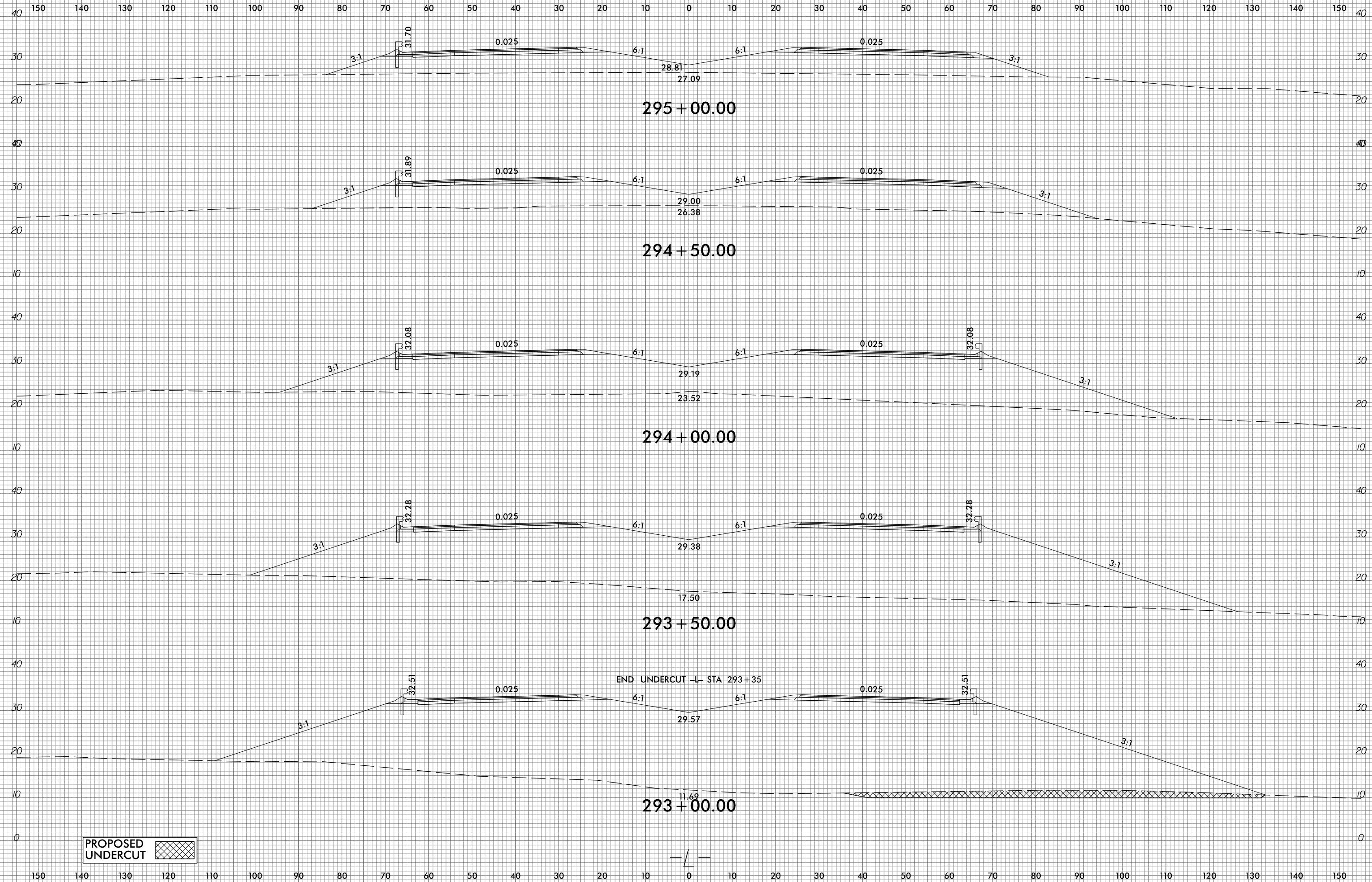


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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-148



PROPOSED UNDERCUT



END UNDERCUT -L- STA 293+35

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gmc311

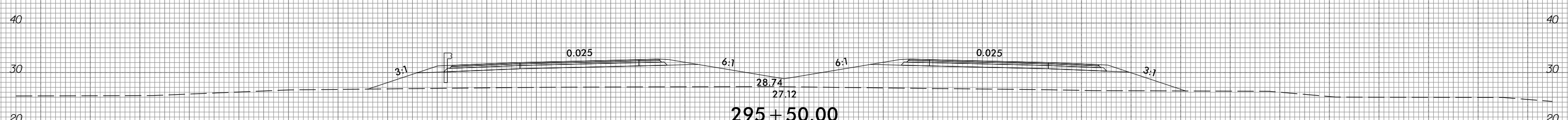
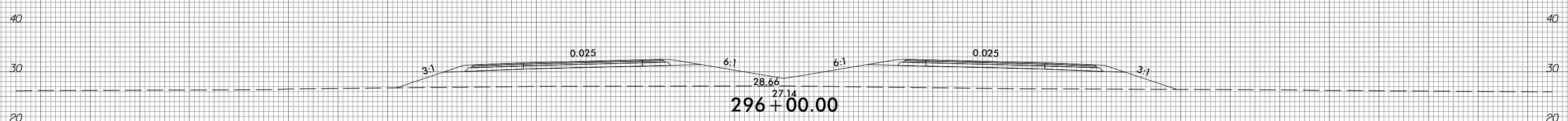
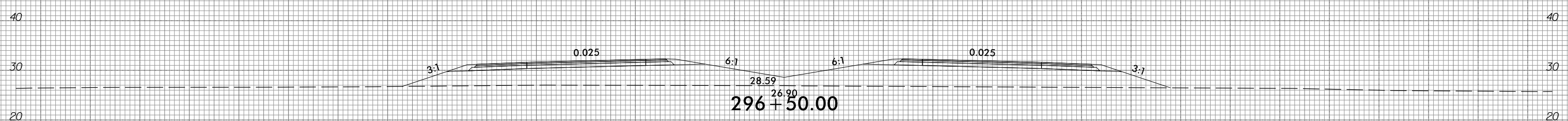
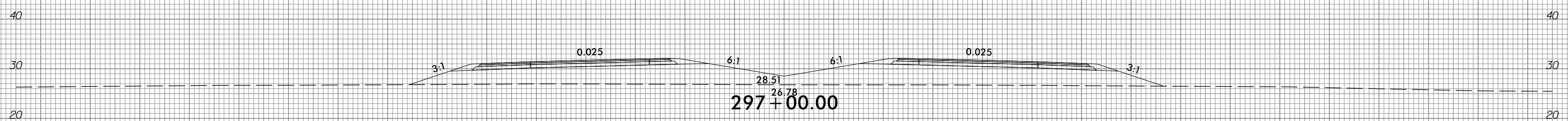
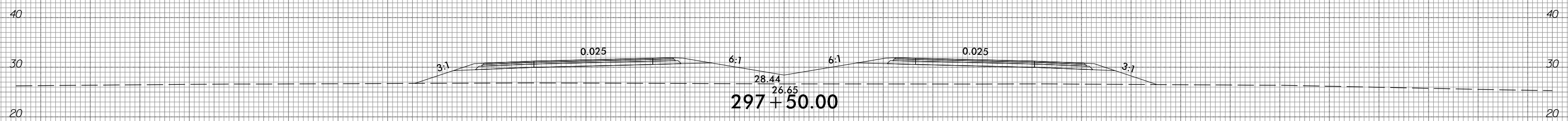
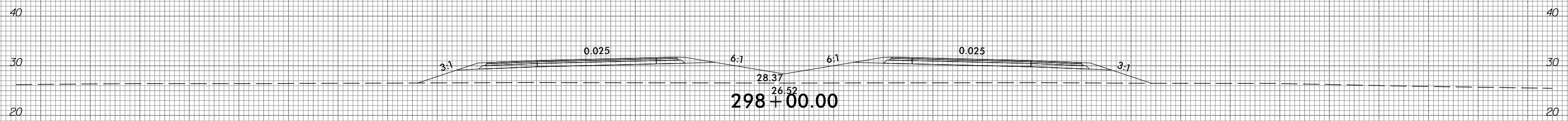
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-149

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

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gncdlin

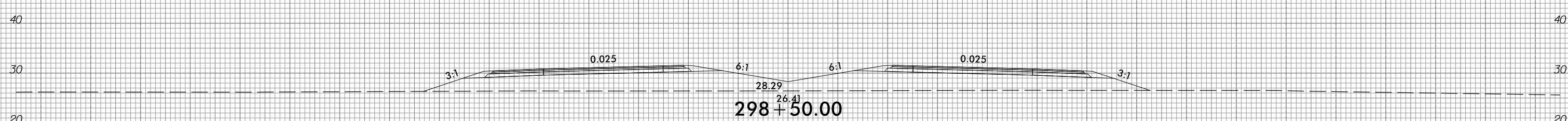
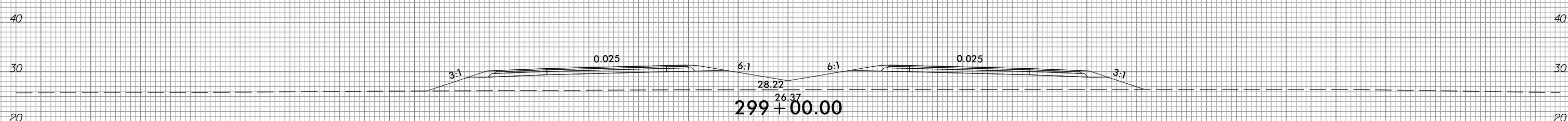
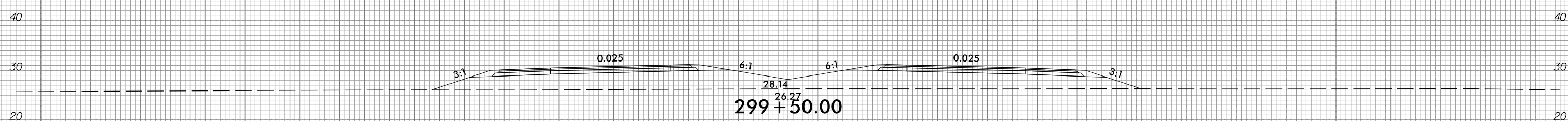
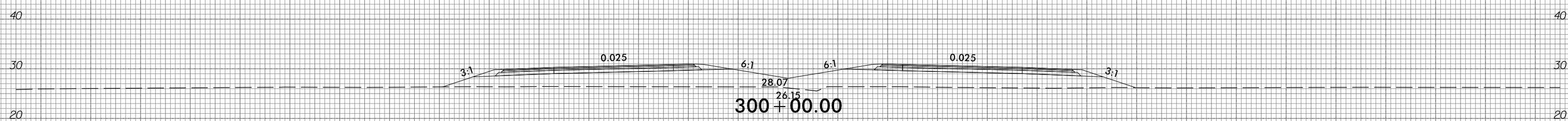
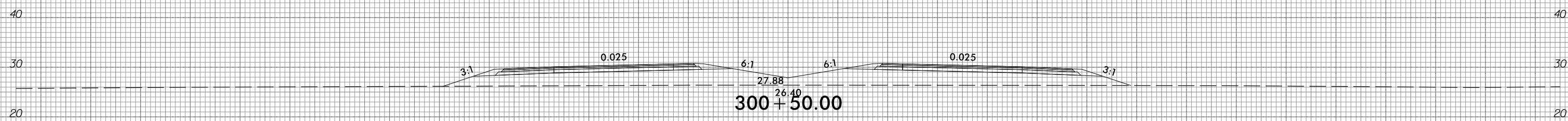
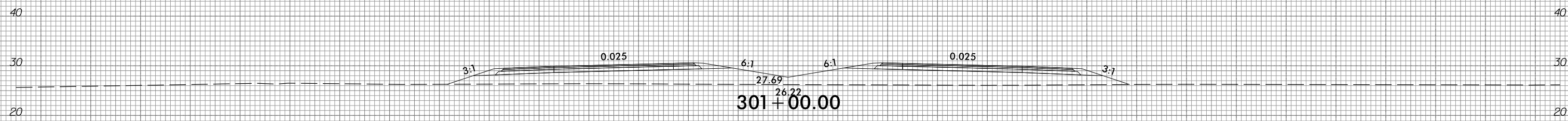
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-150

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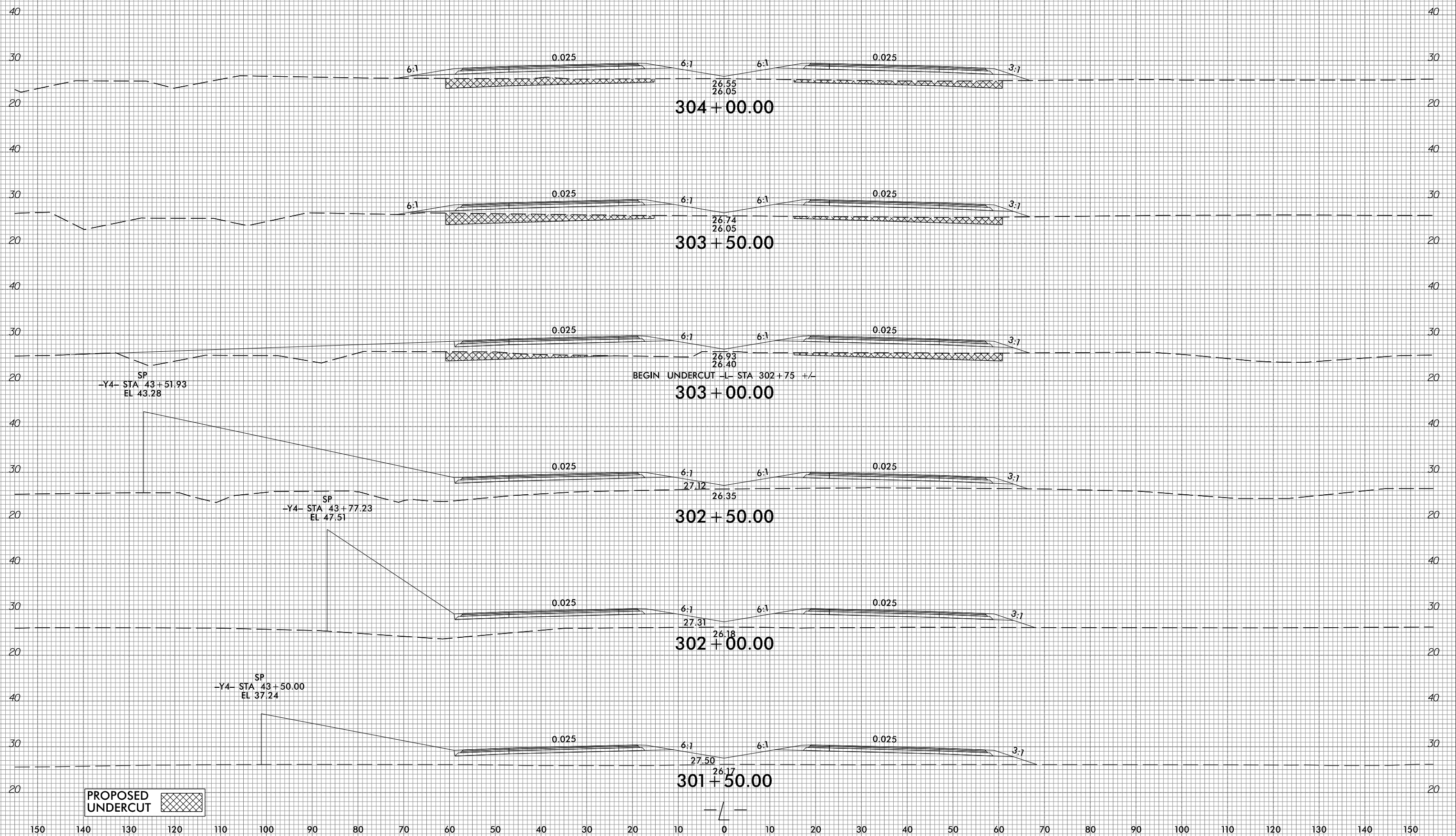
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-151

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



PROPOSED UNDERCUT

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gncdlin

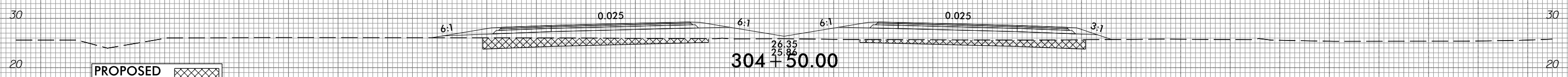
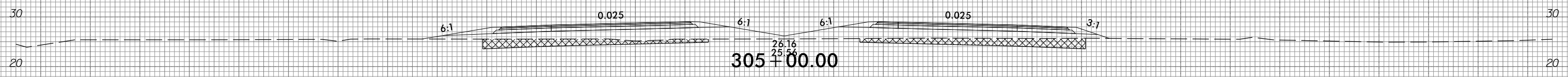
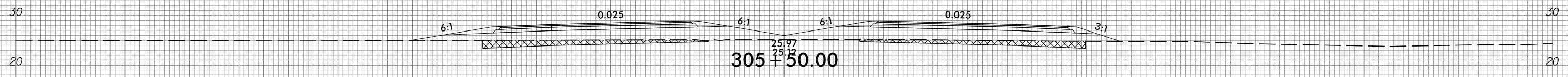
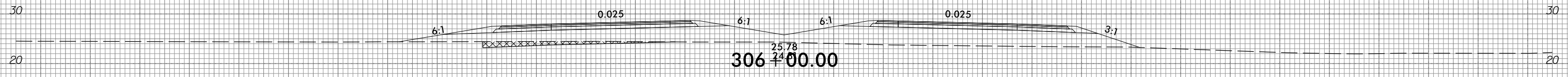
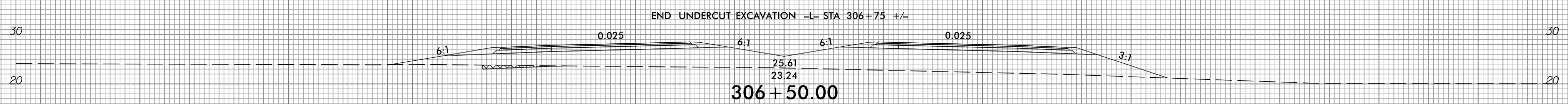
6/23/16



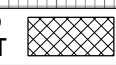
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-152

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PROPOSED UNDERCUT

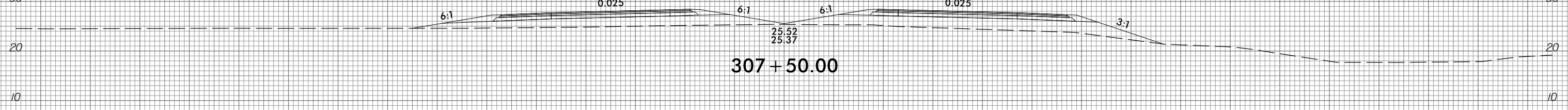
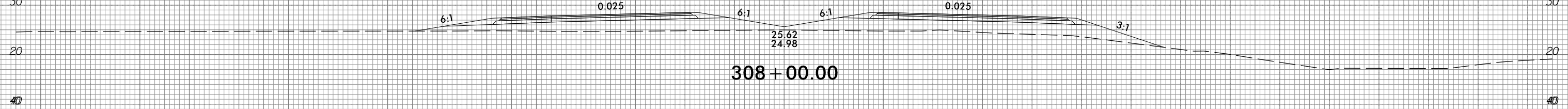
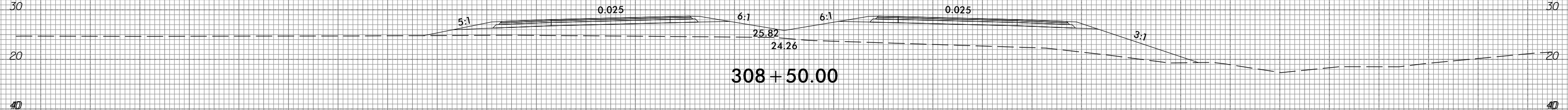
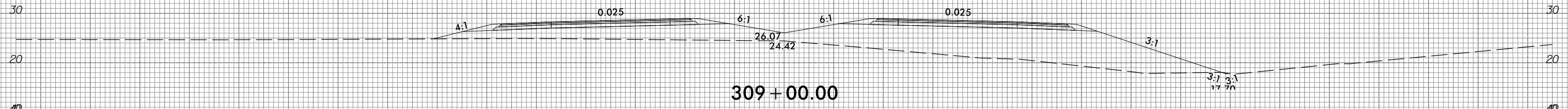
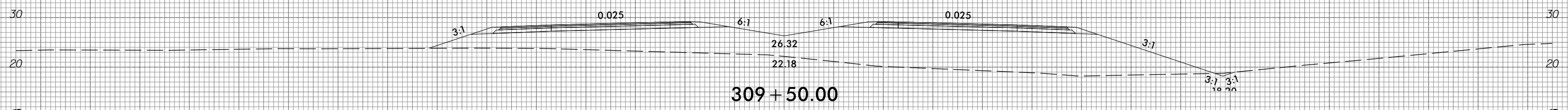
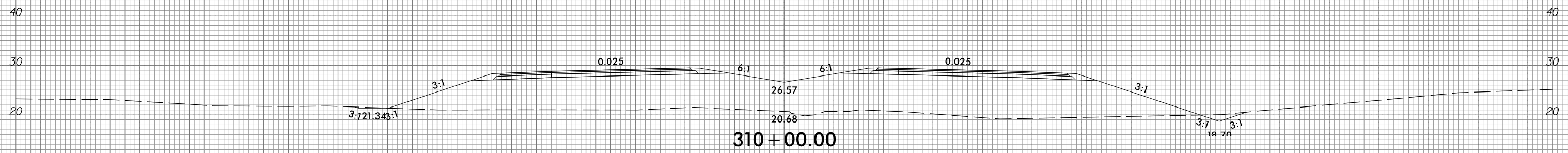


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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



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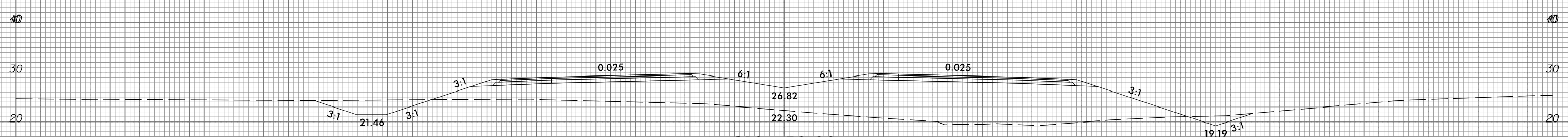
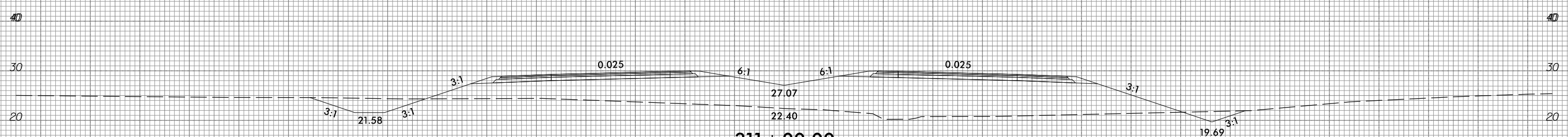
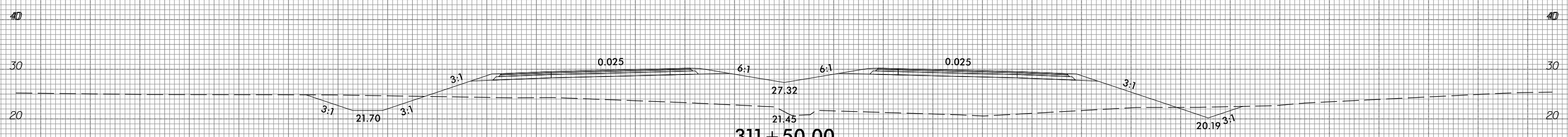
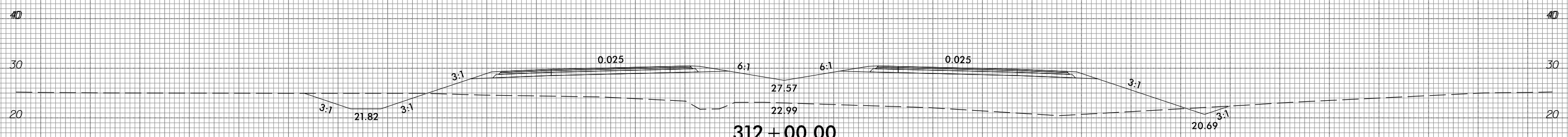
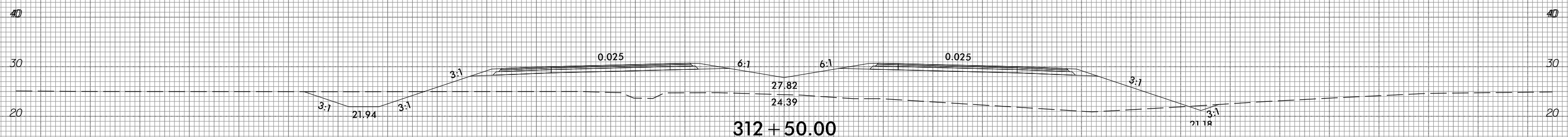
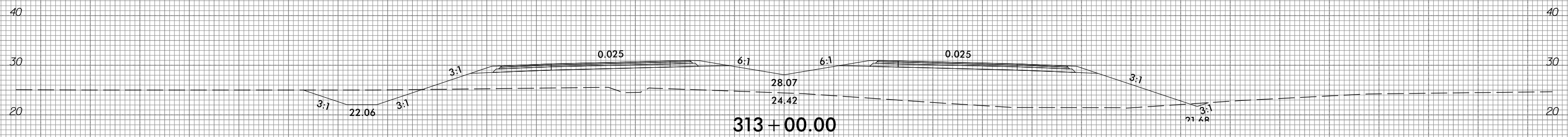
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-154

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



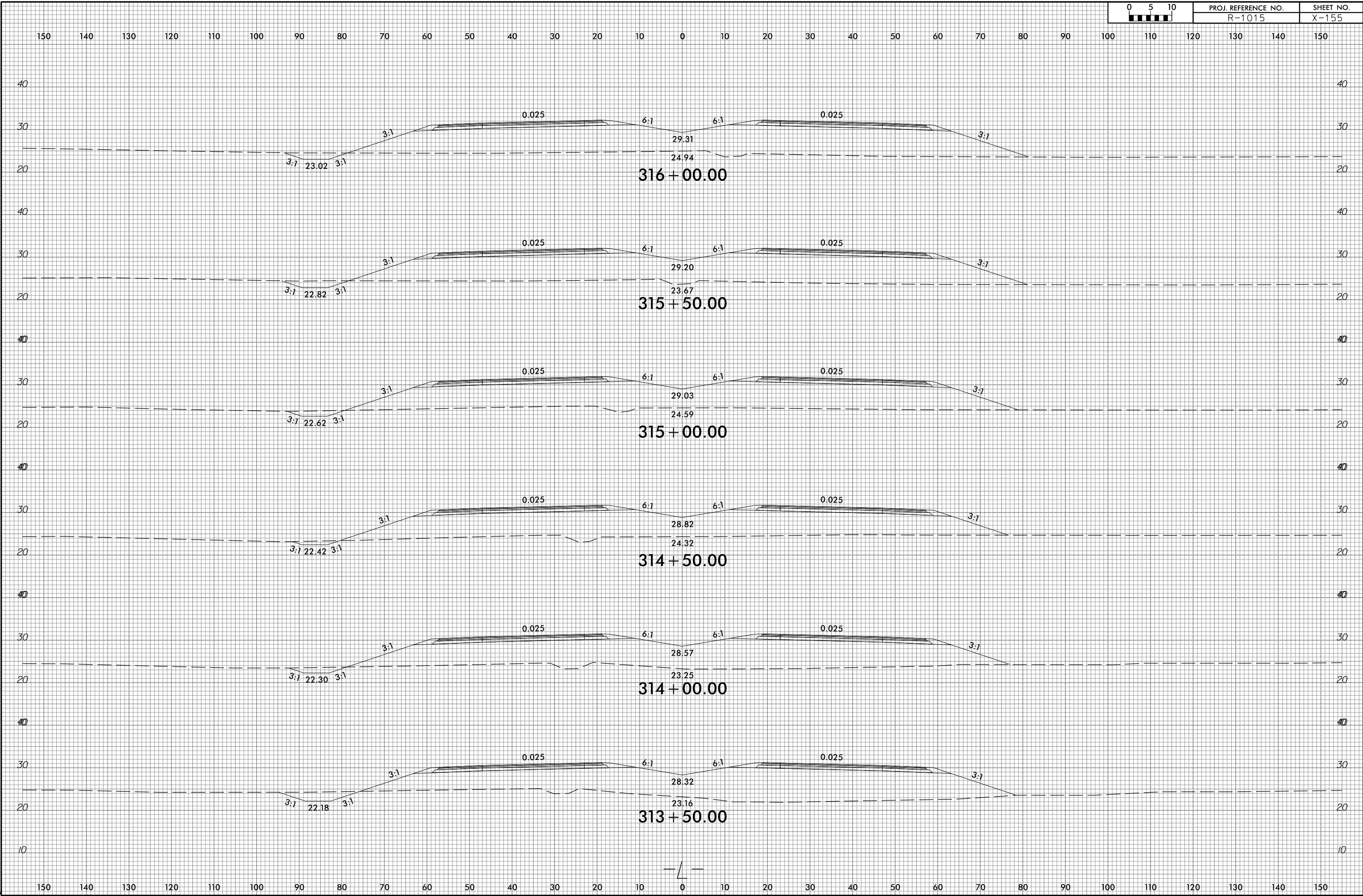
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-155



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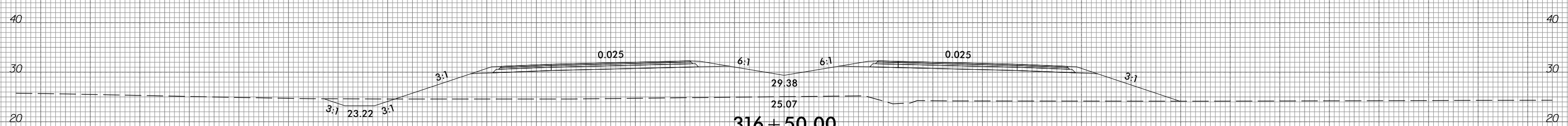
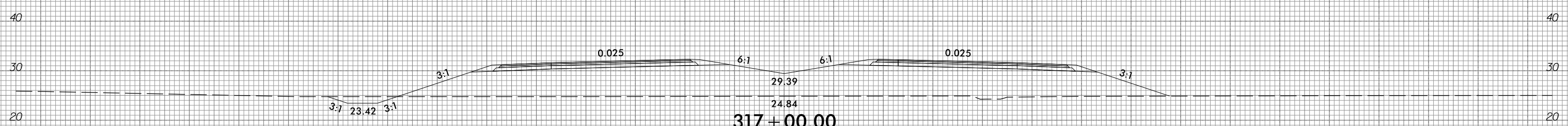
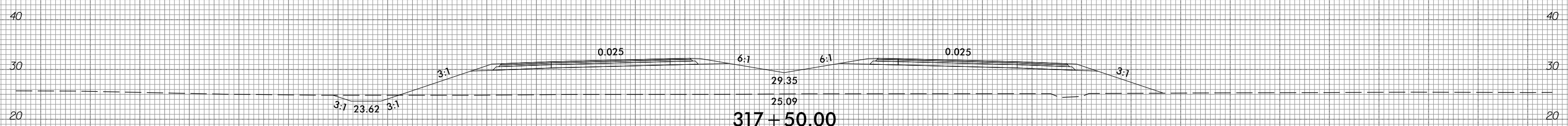
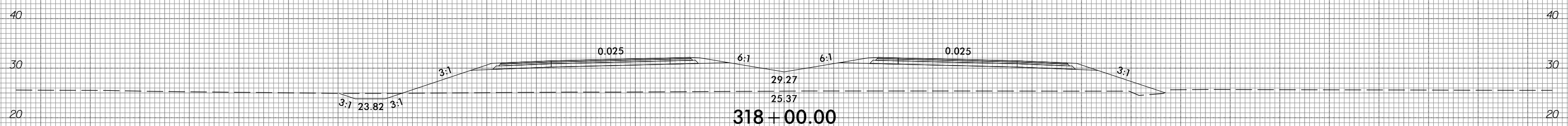
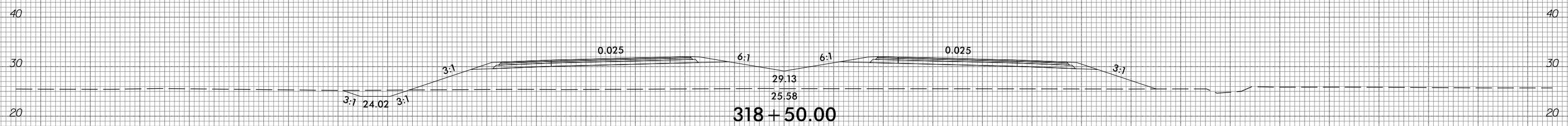
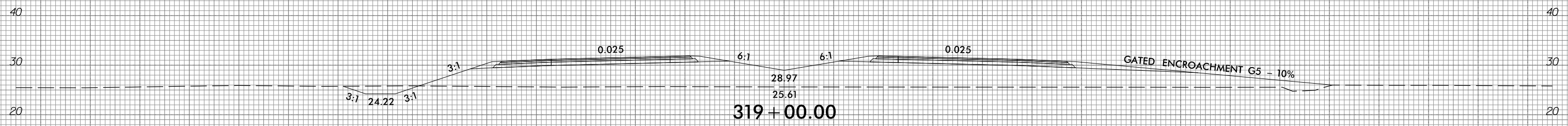
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-156

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



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

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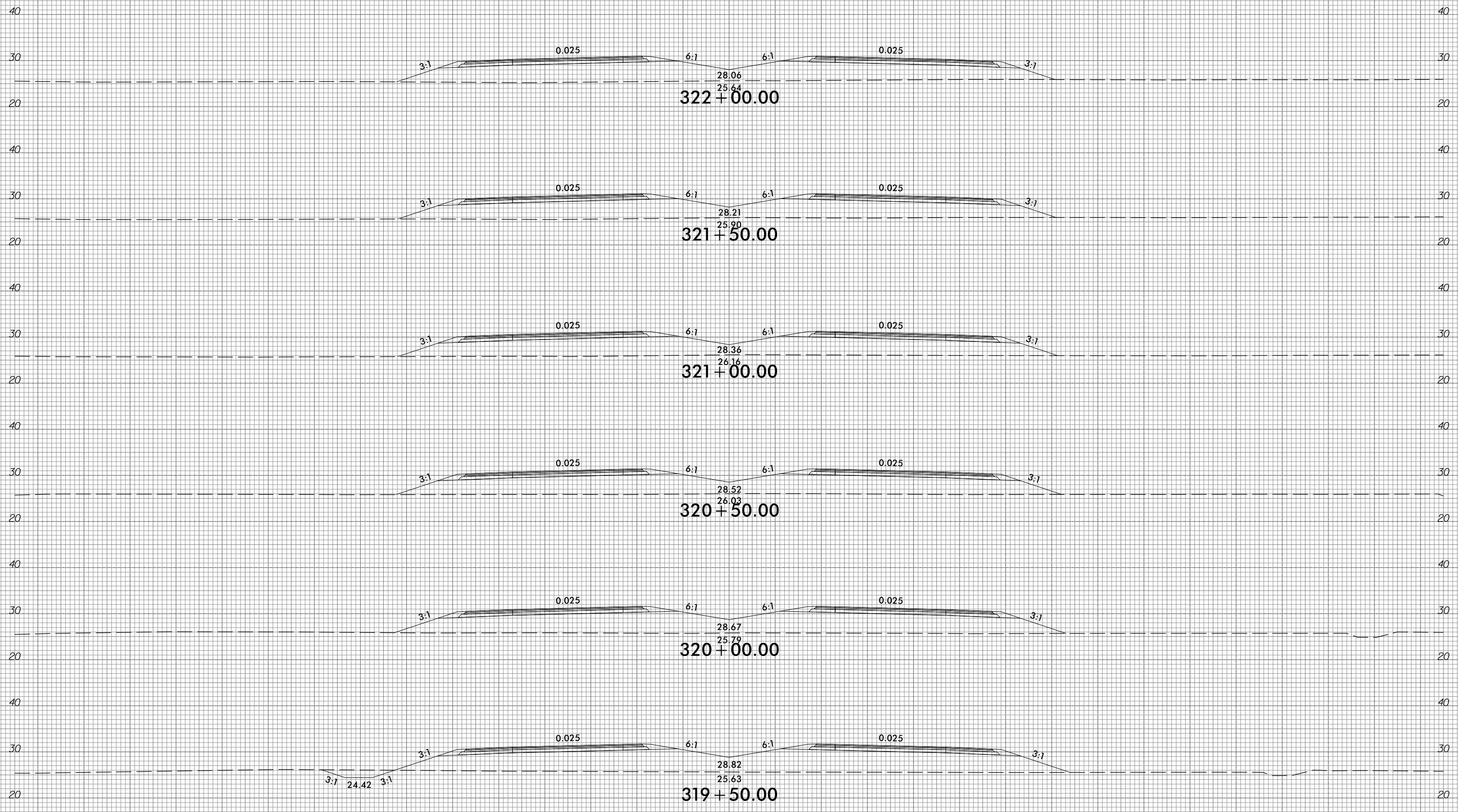
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-157

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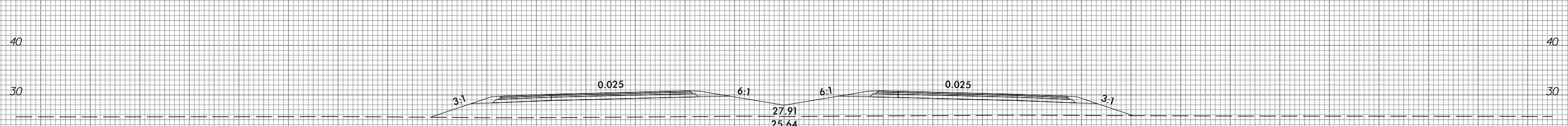
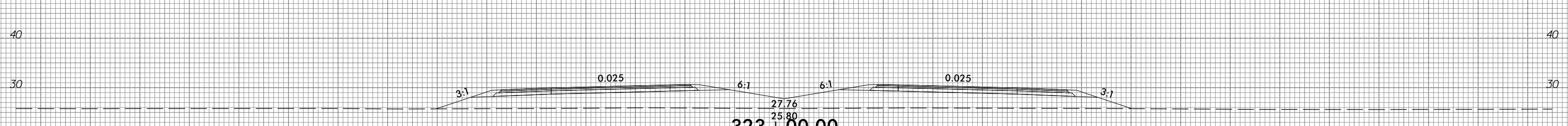
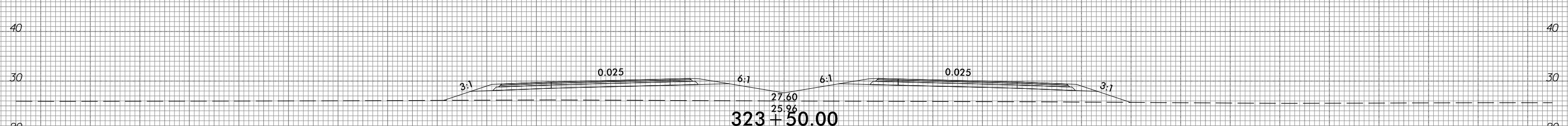
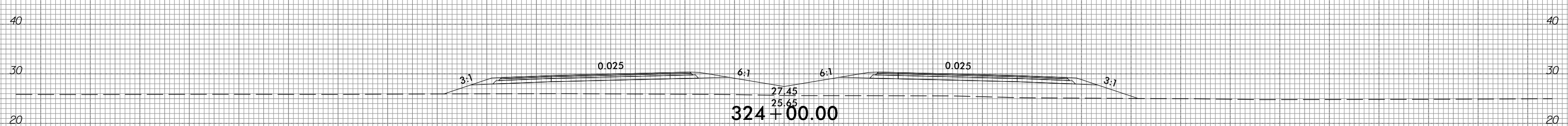
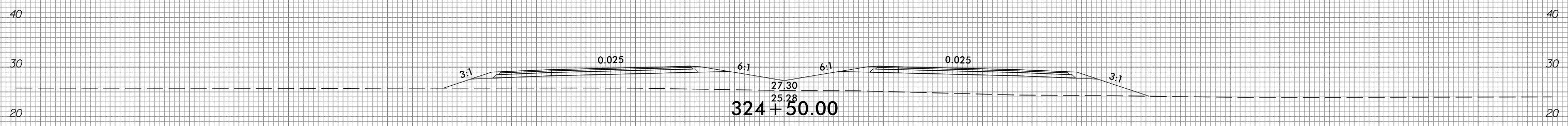
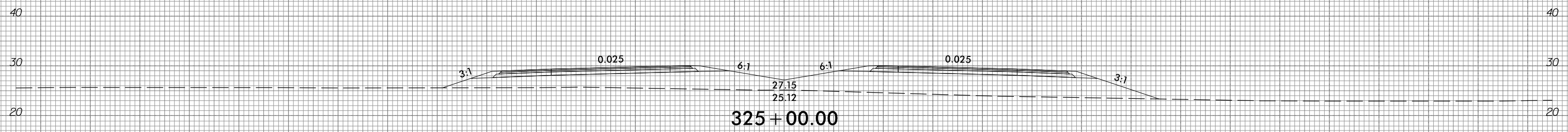


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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



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

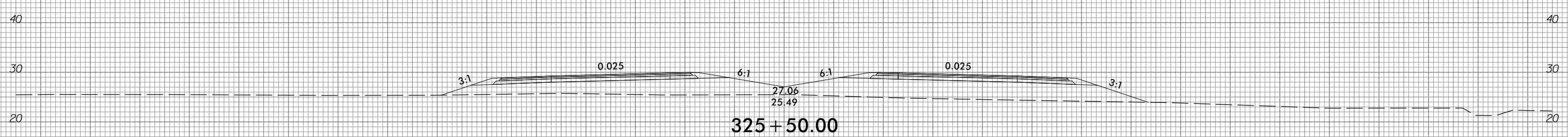
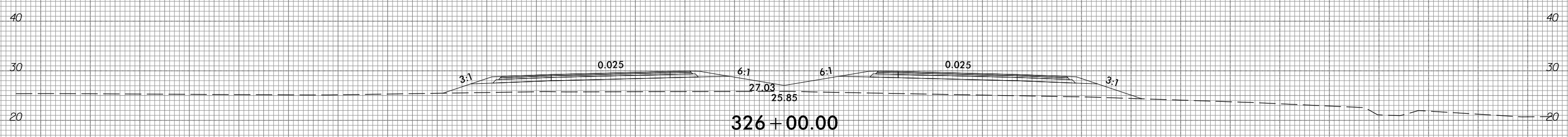
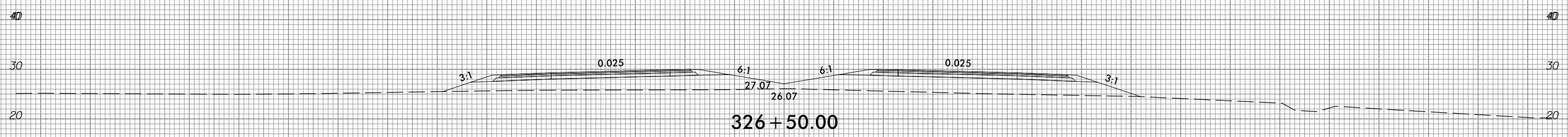
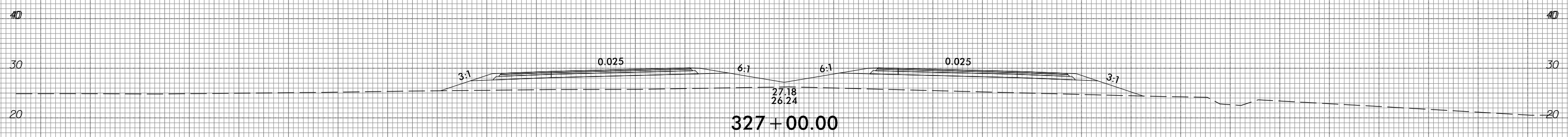
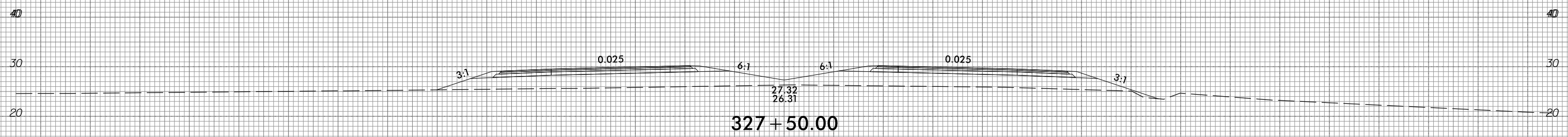
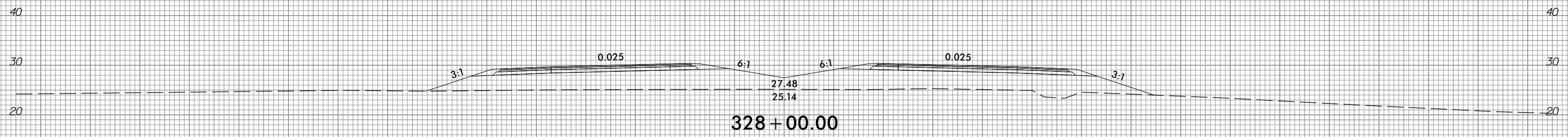
6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-159

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-159

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



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

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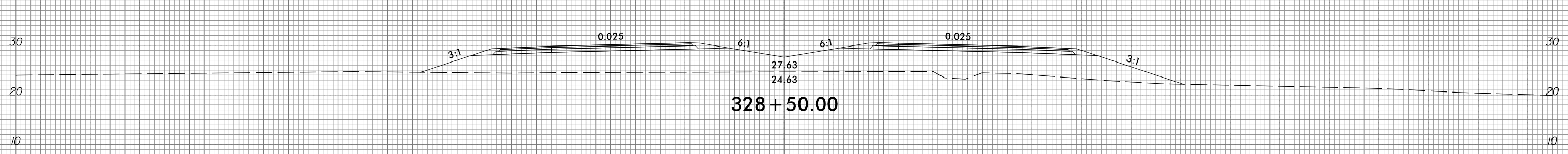
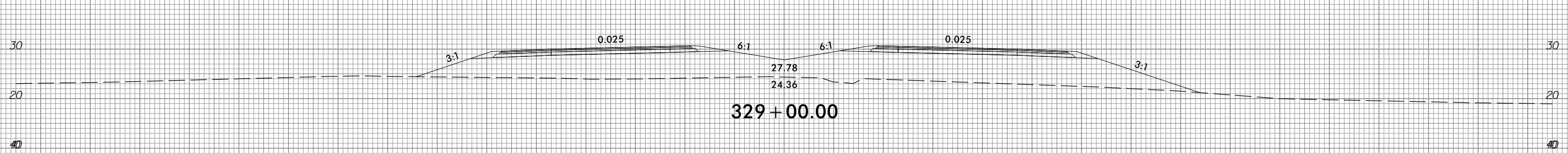
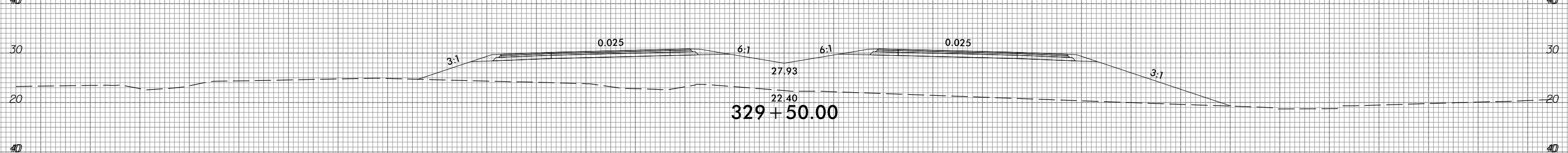
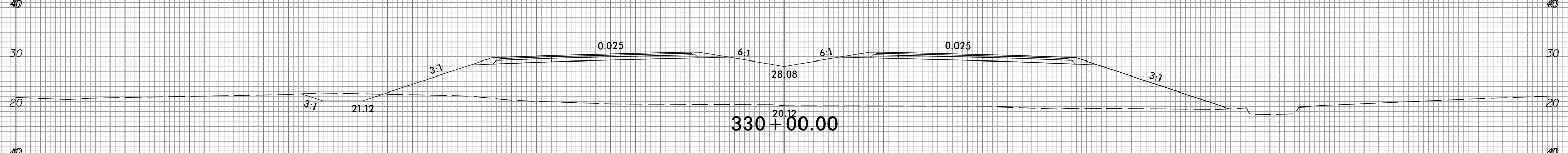
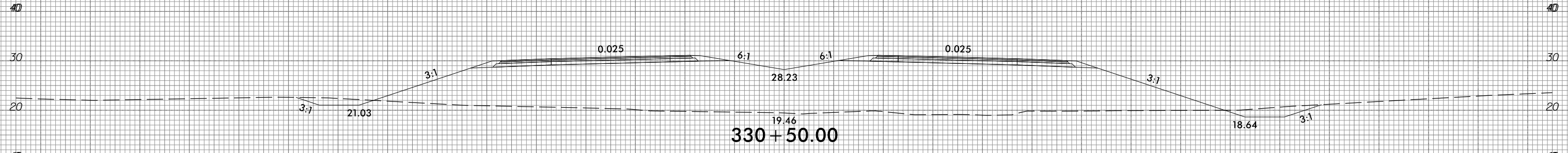
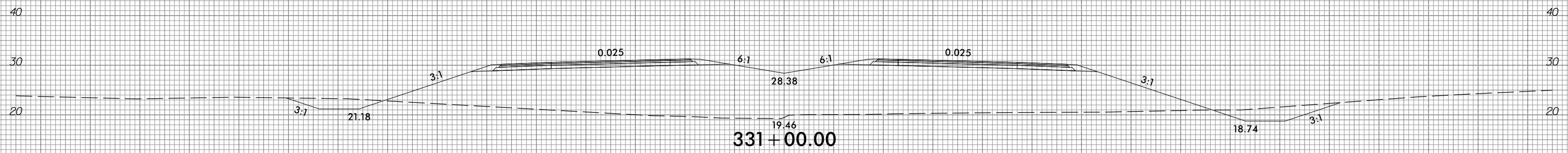
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-160

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

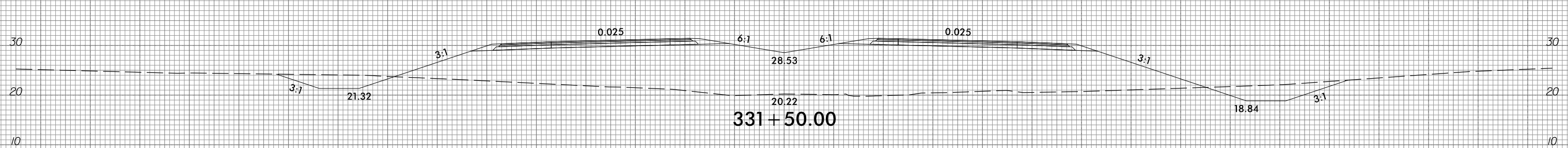
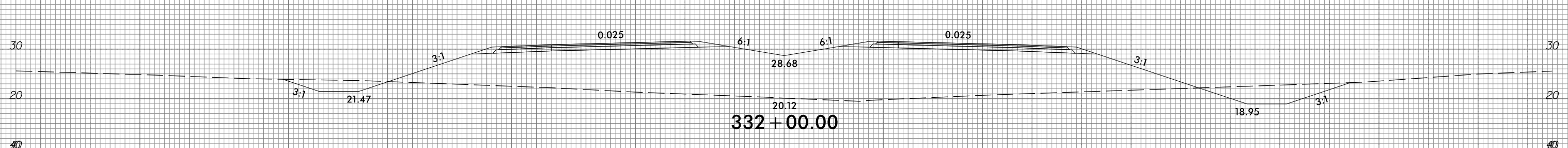
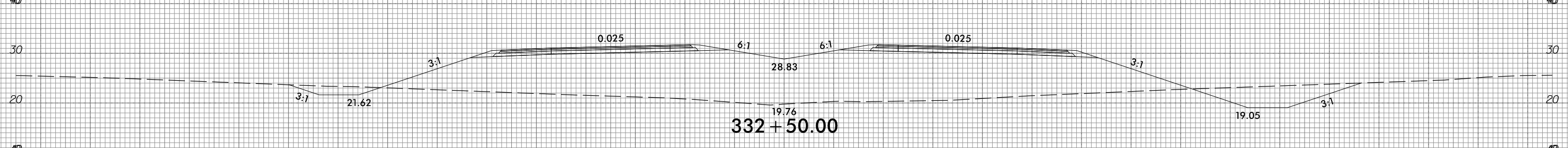
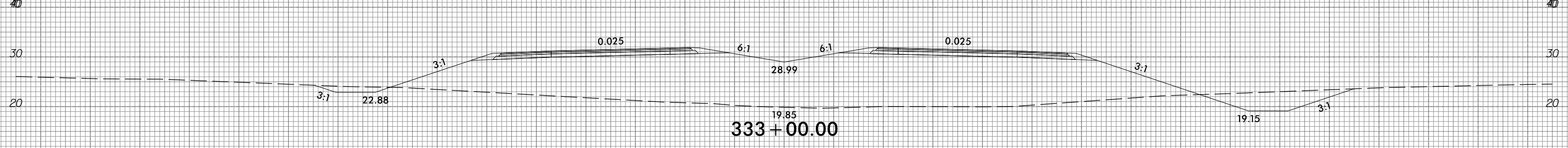
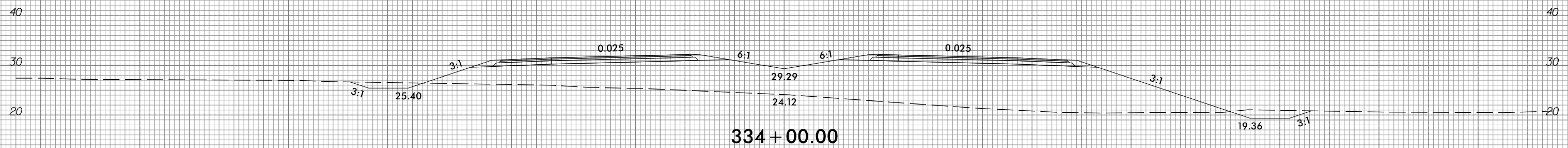


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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



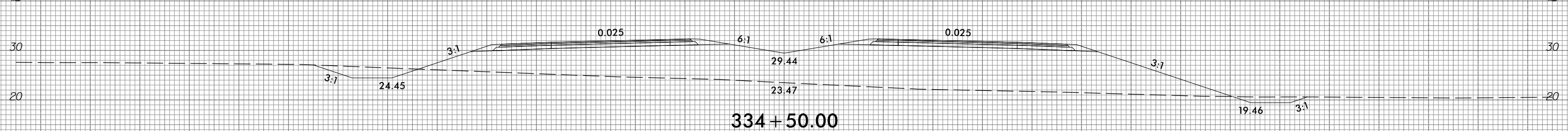
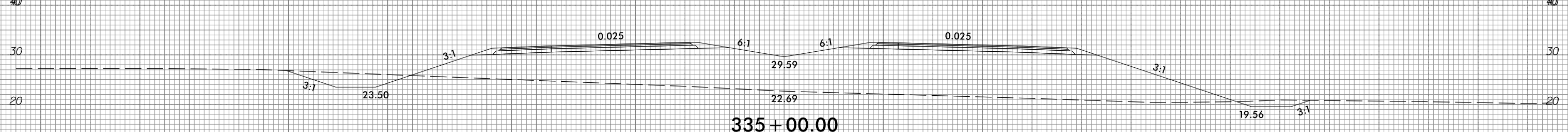
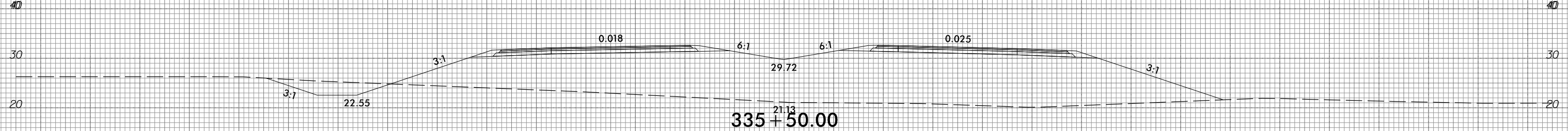
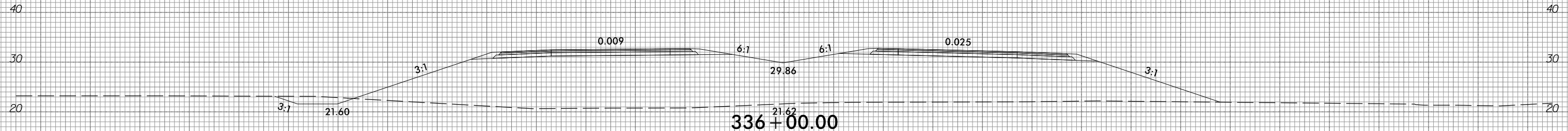
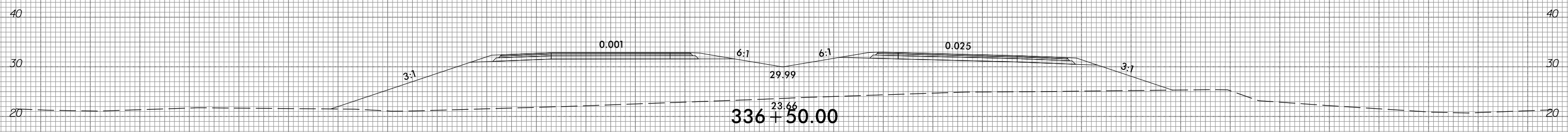
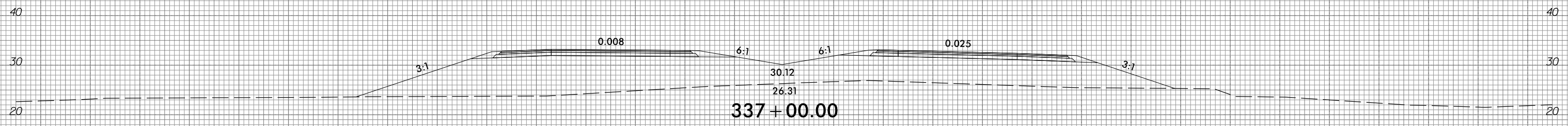
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-162

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

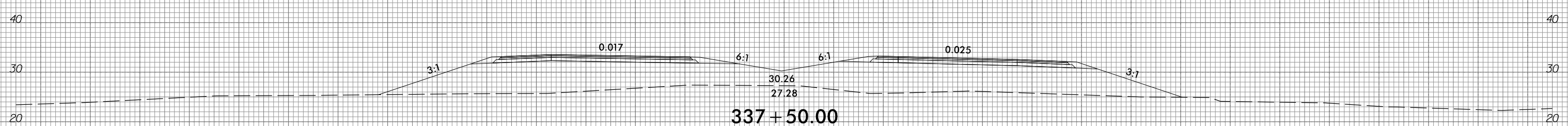
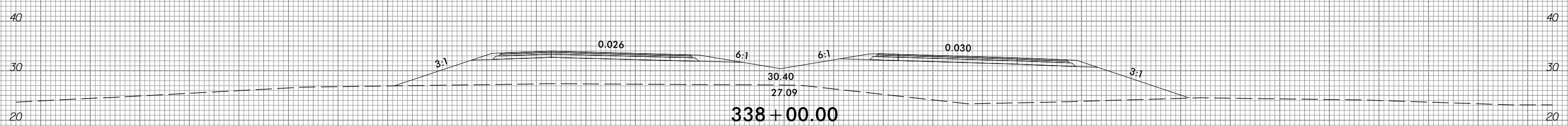
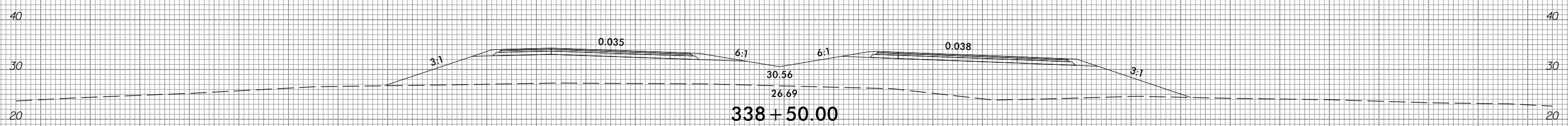
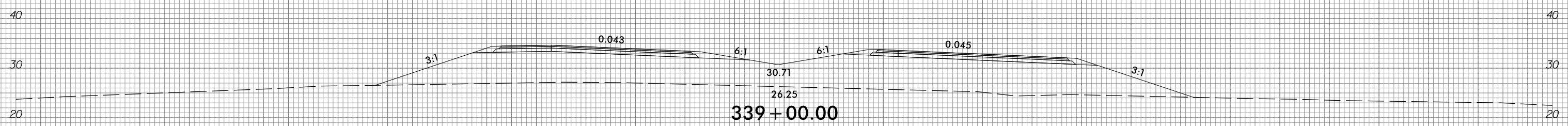
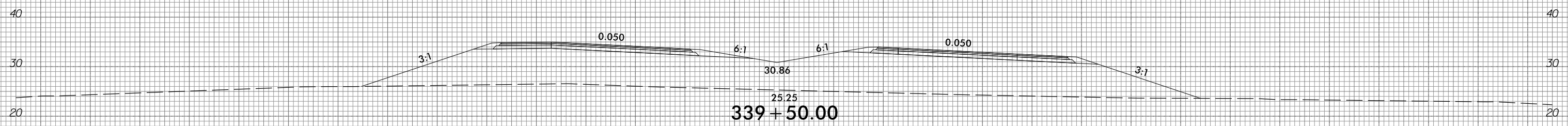
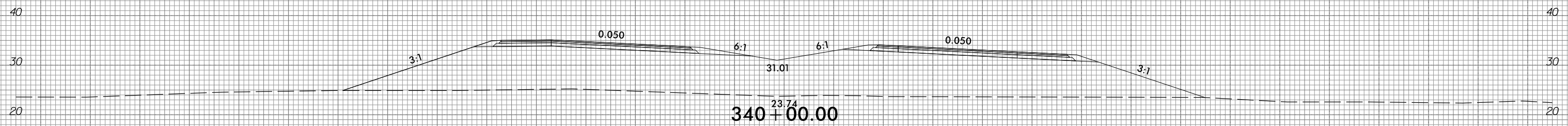


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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



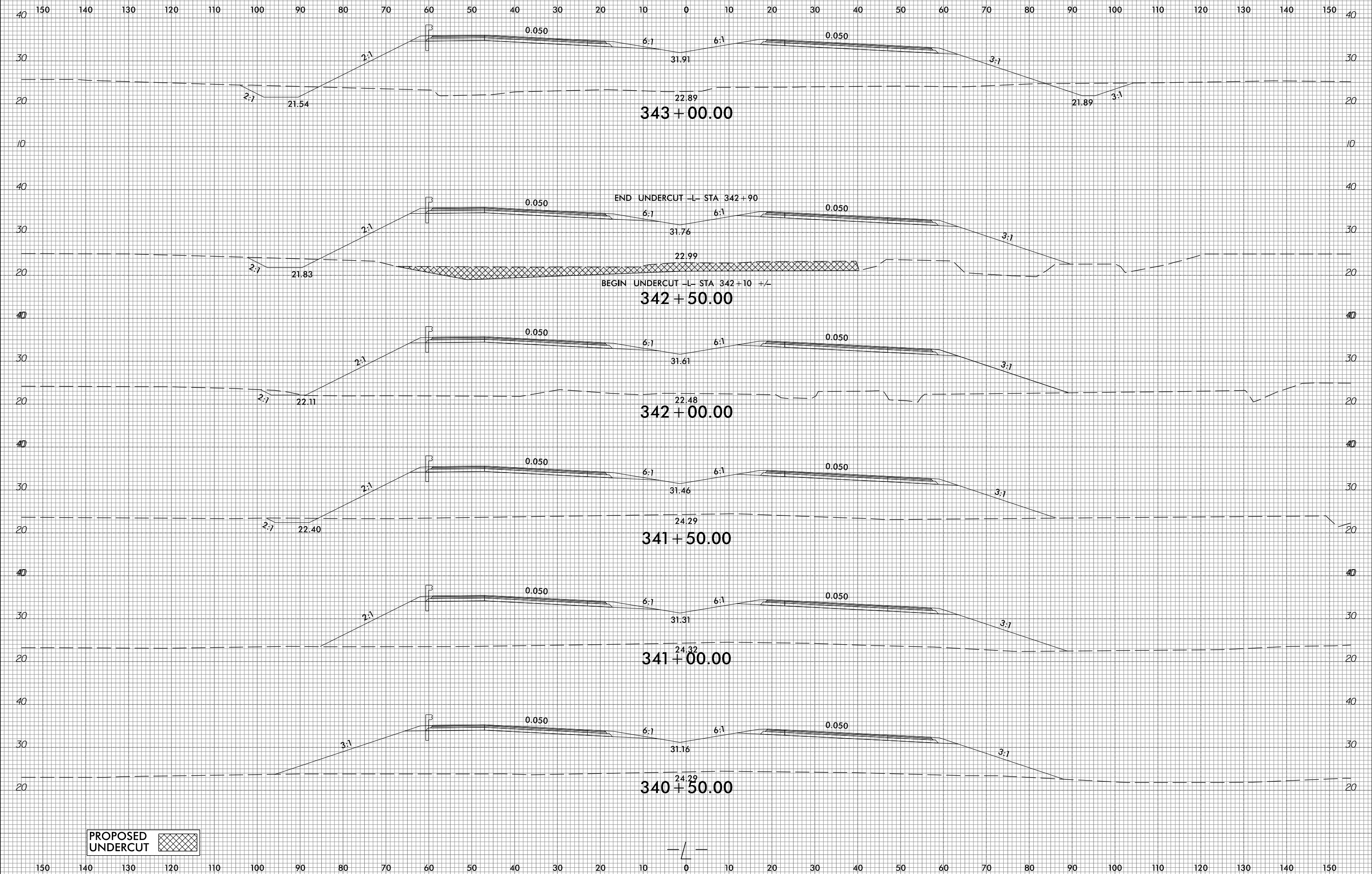
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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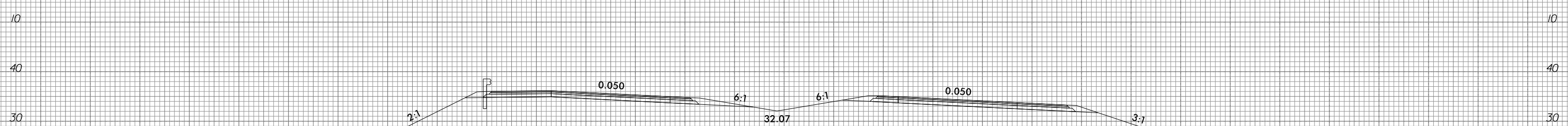
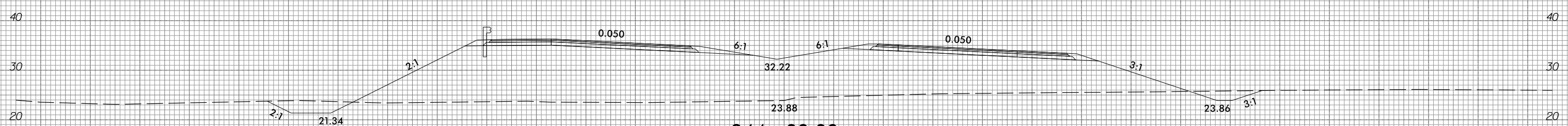
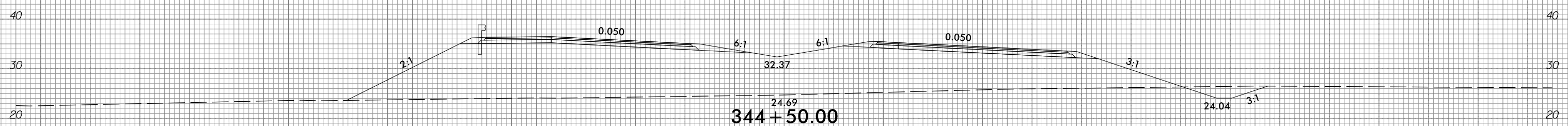
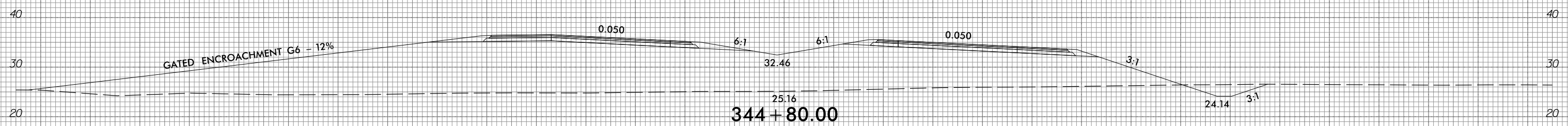
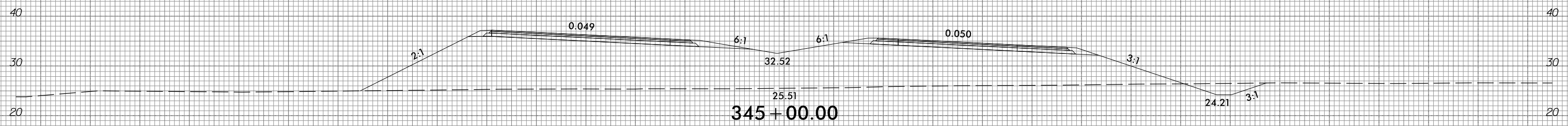
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-165

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

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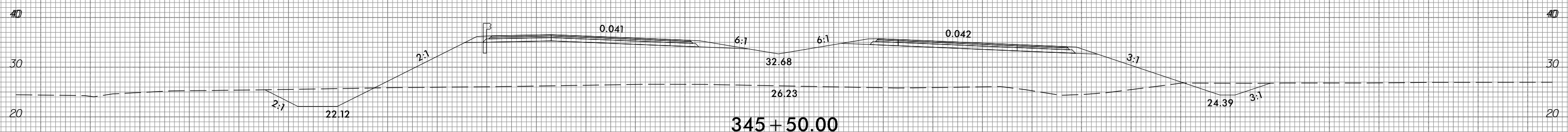
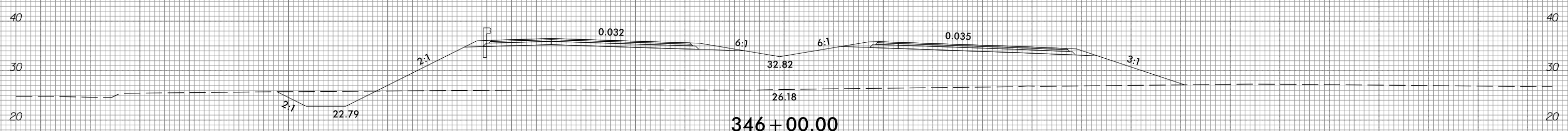
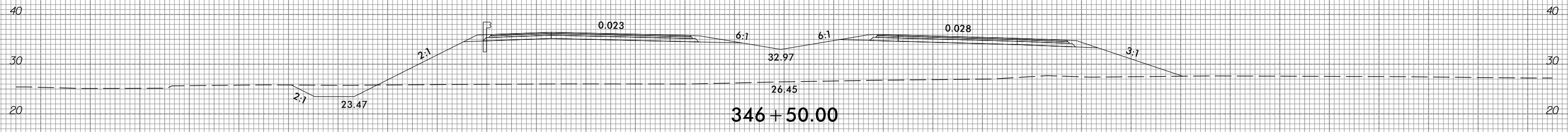
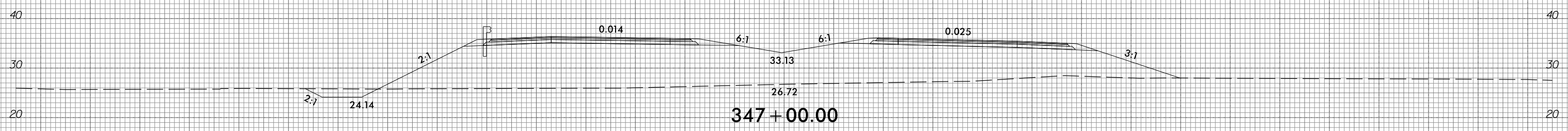
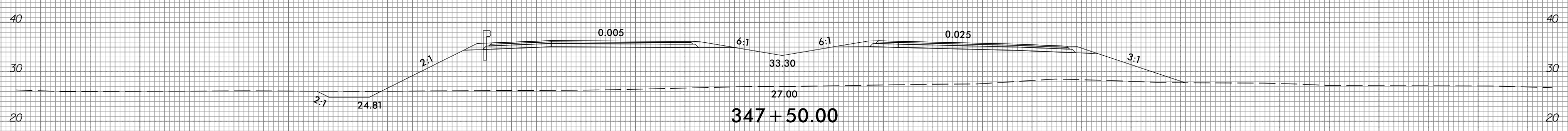
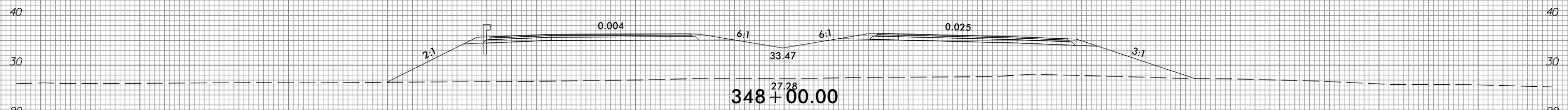
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-166

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



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

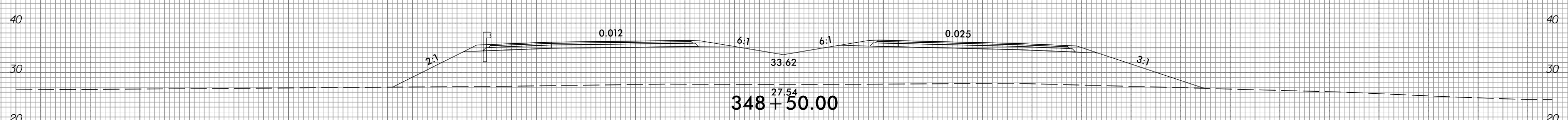
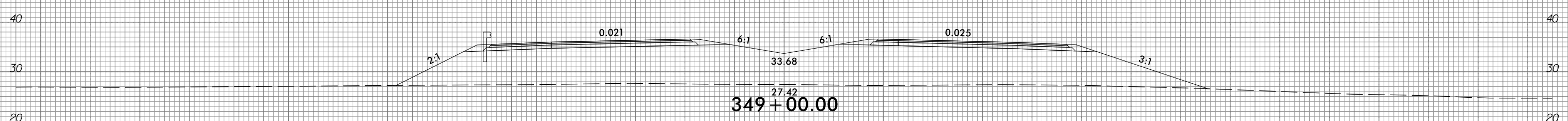
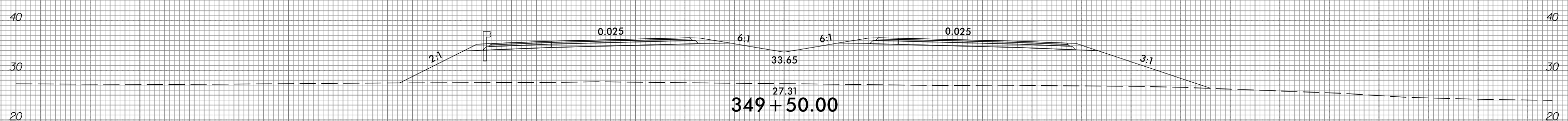
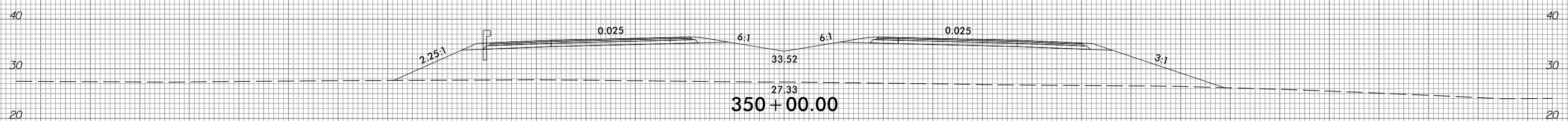
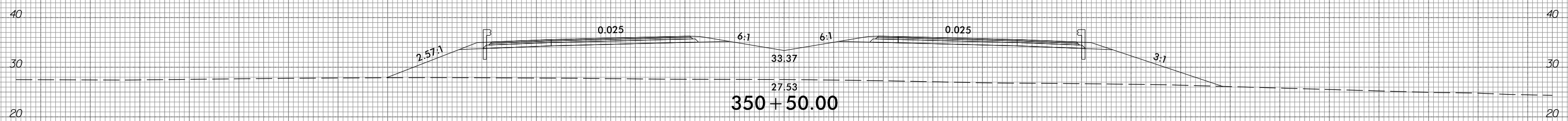
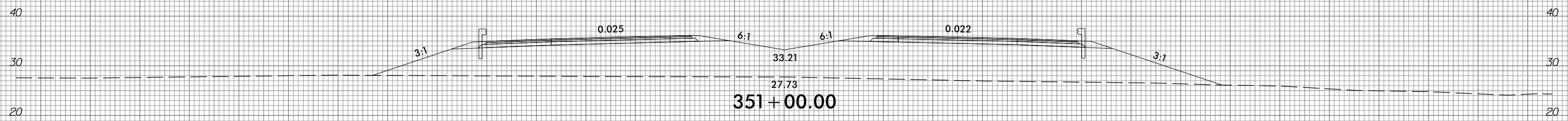
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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-167

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



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

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gncdlin

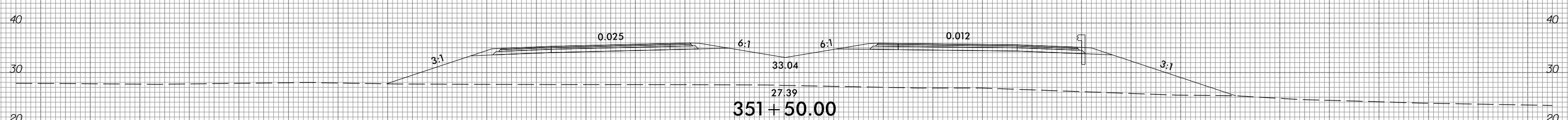
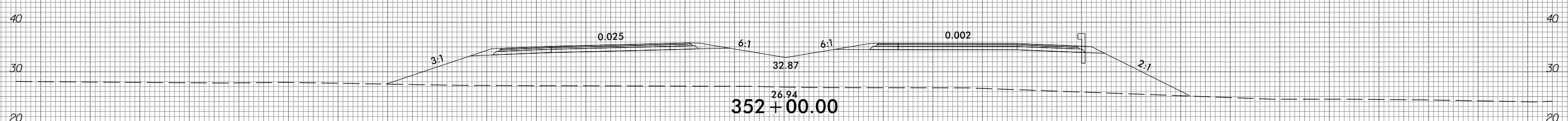
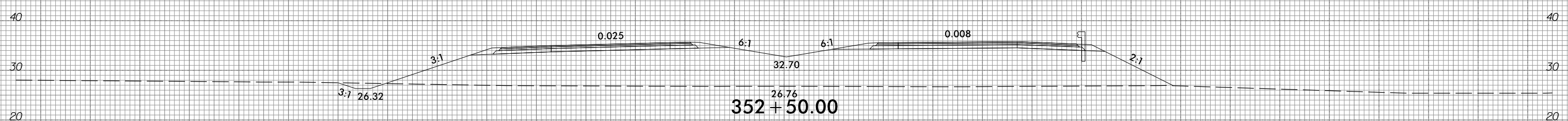
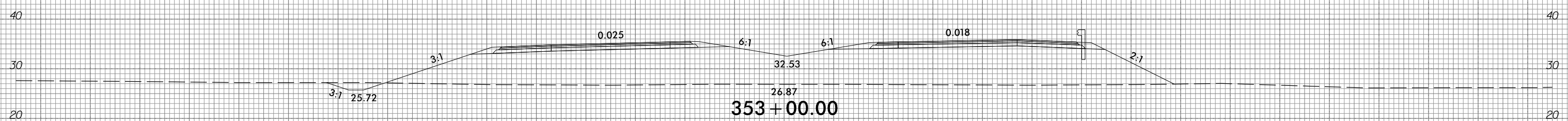
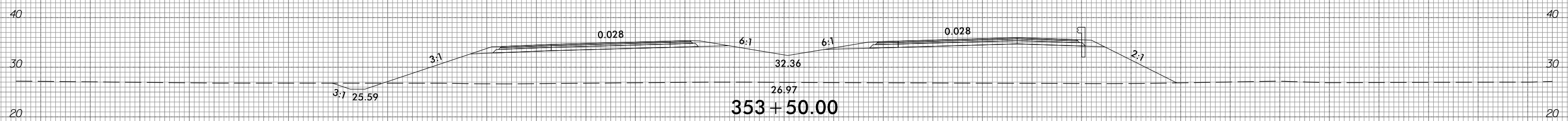
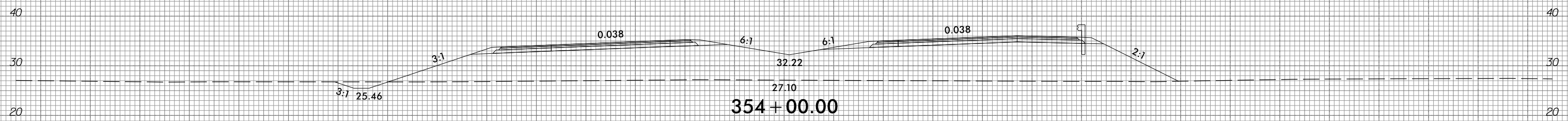
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-168

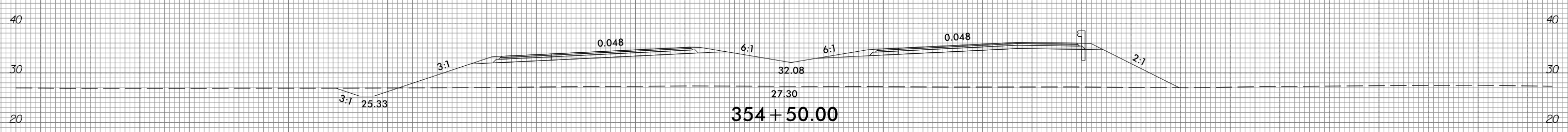
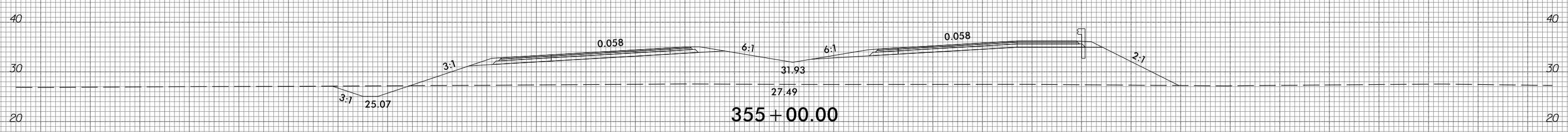
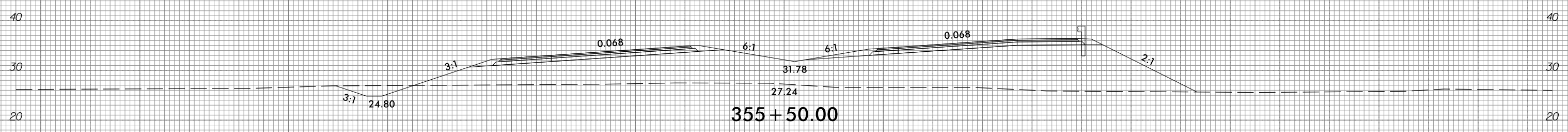
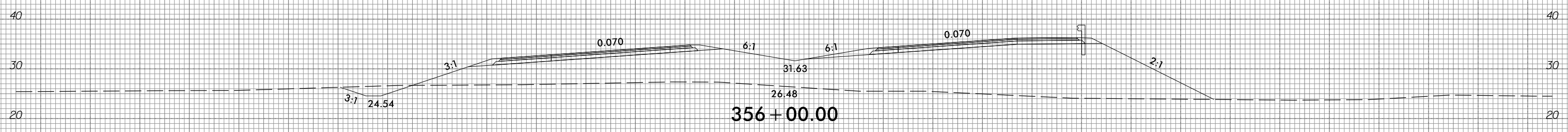
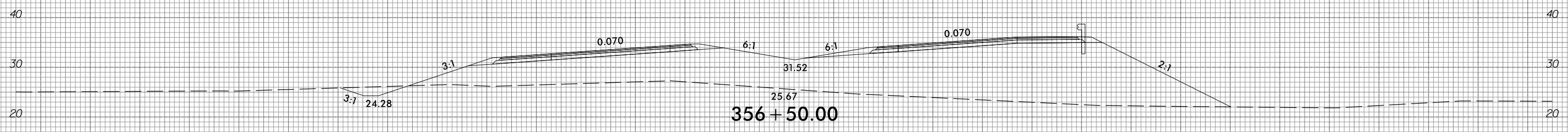
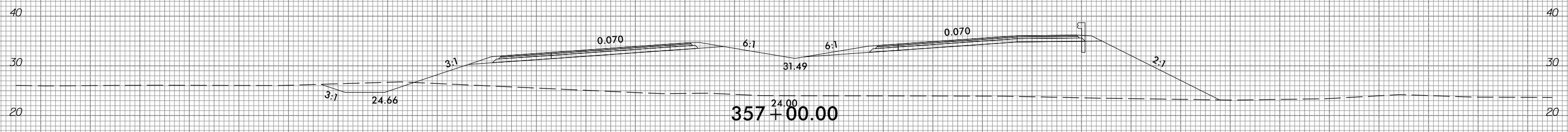
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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

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gncdlin

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



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

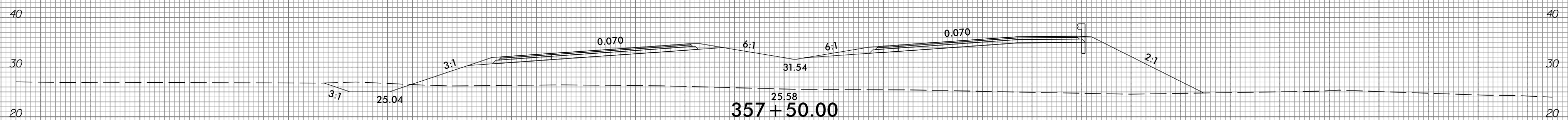
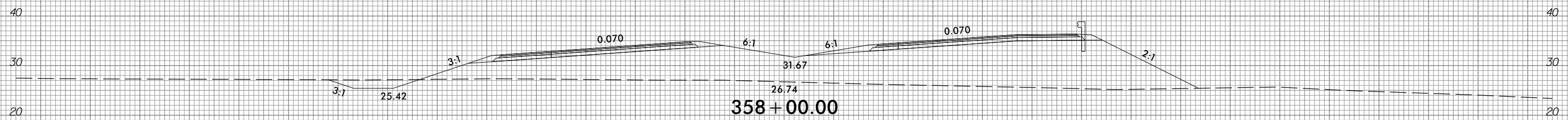
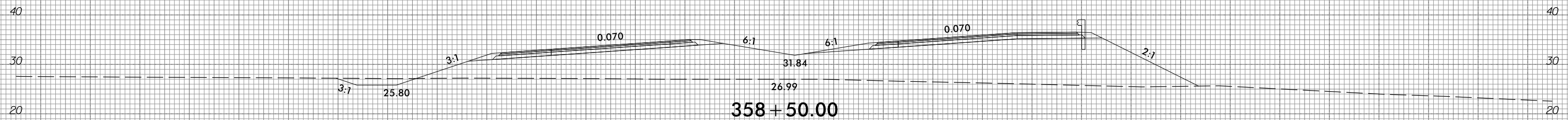
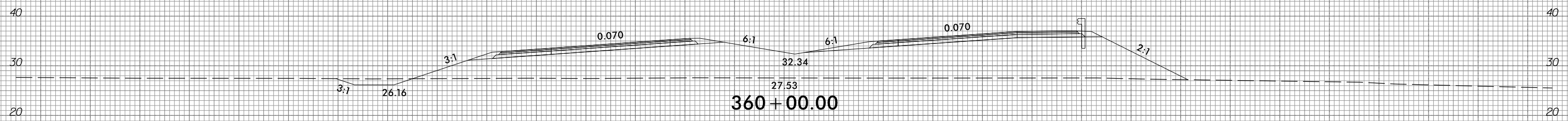
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-170

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



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

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gncdlin

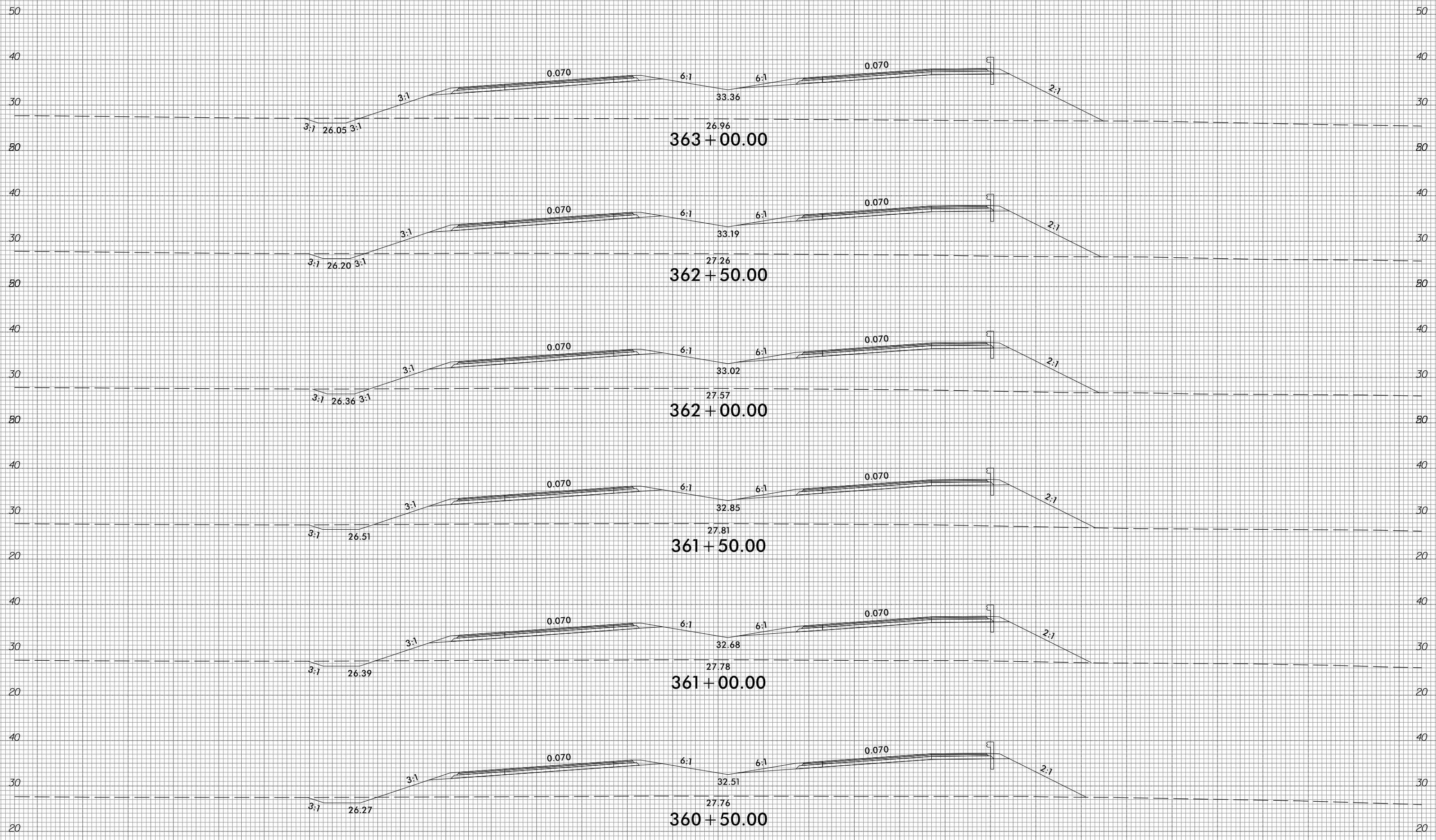
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-171

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



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

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gncdlin



6/23/16



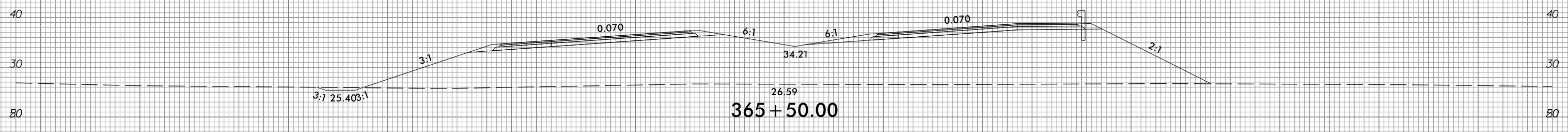
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-172

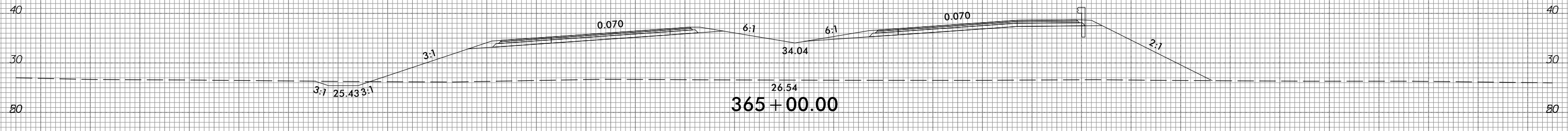
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



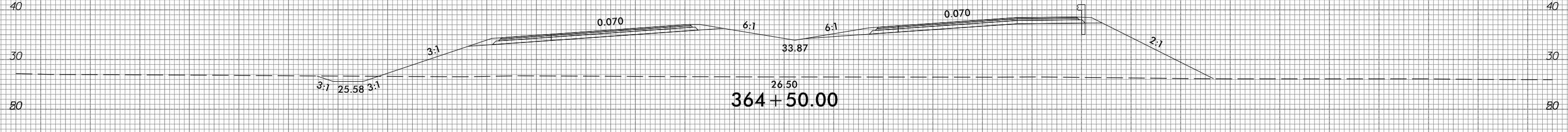
366 + 00.00



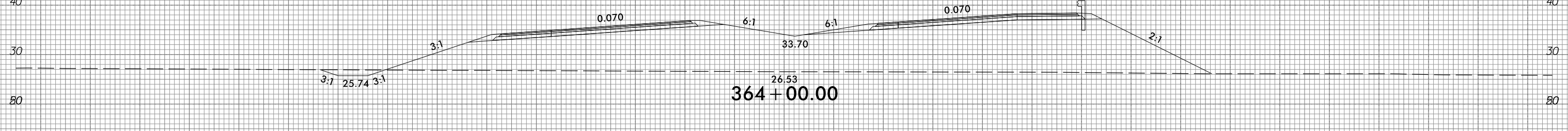
365 + 50.00



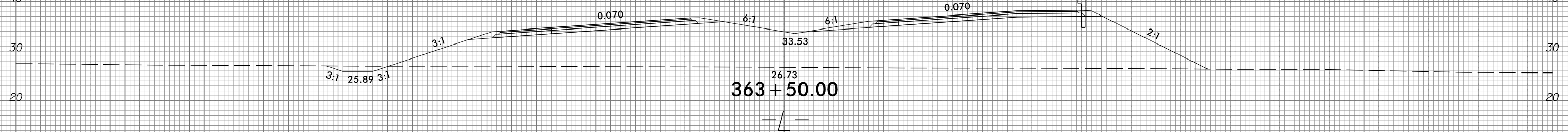
365 + 00.00



364 + 50.00



364 + 00.00



363 + 50.00

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

10/31/2018  
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gncdlin

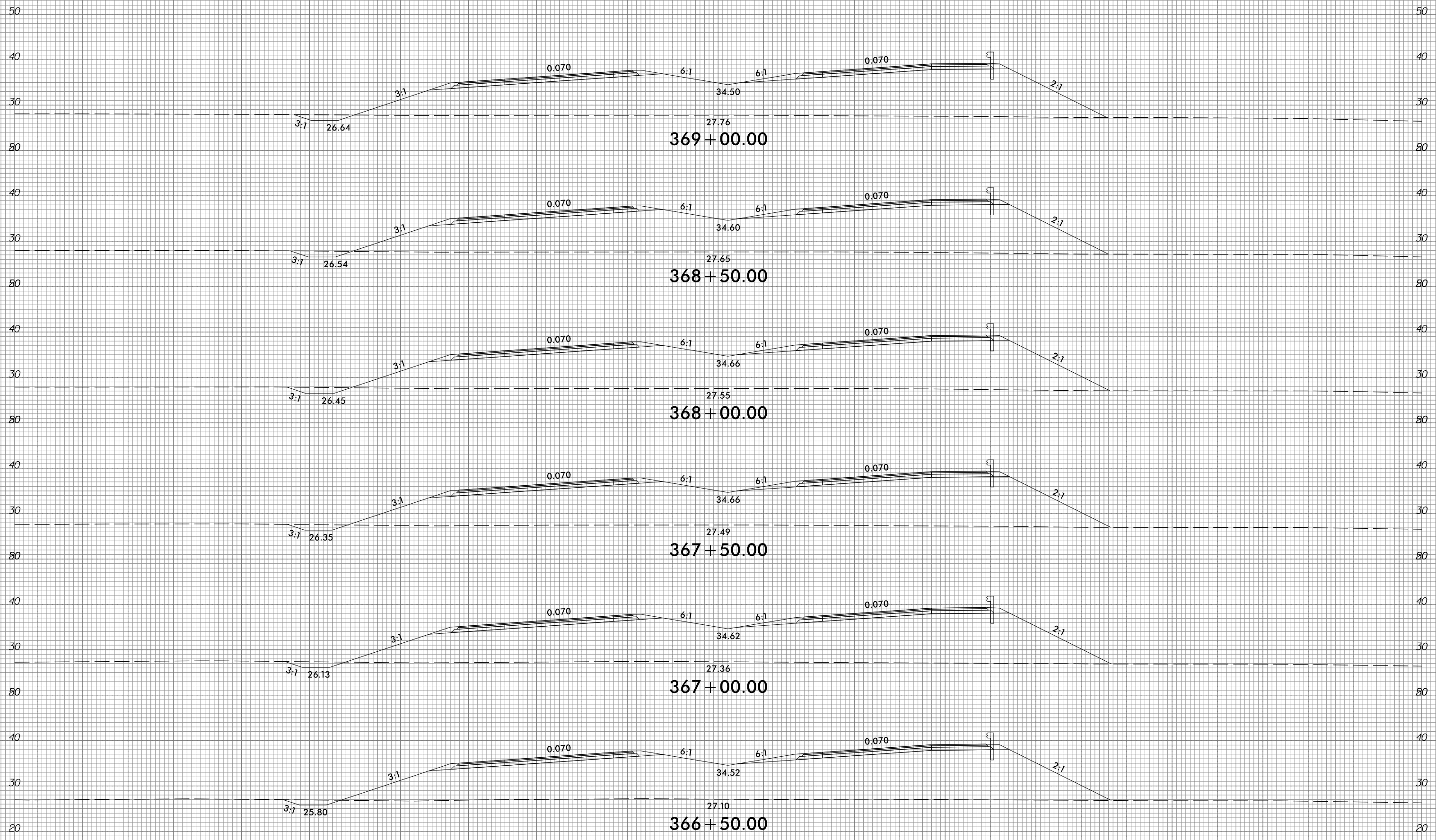
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-173

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



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

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gncdlin

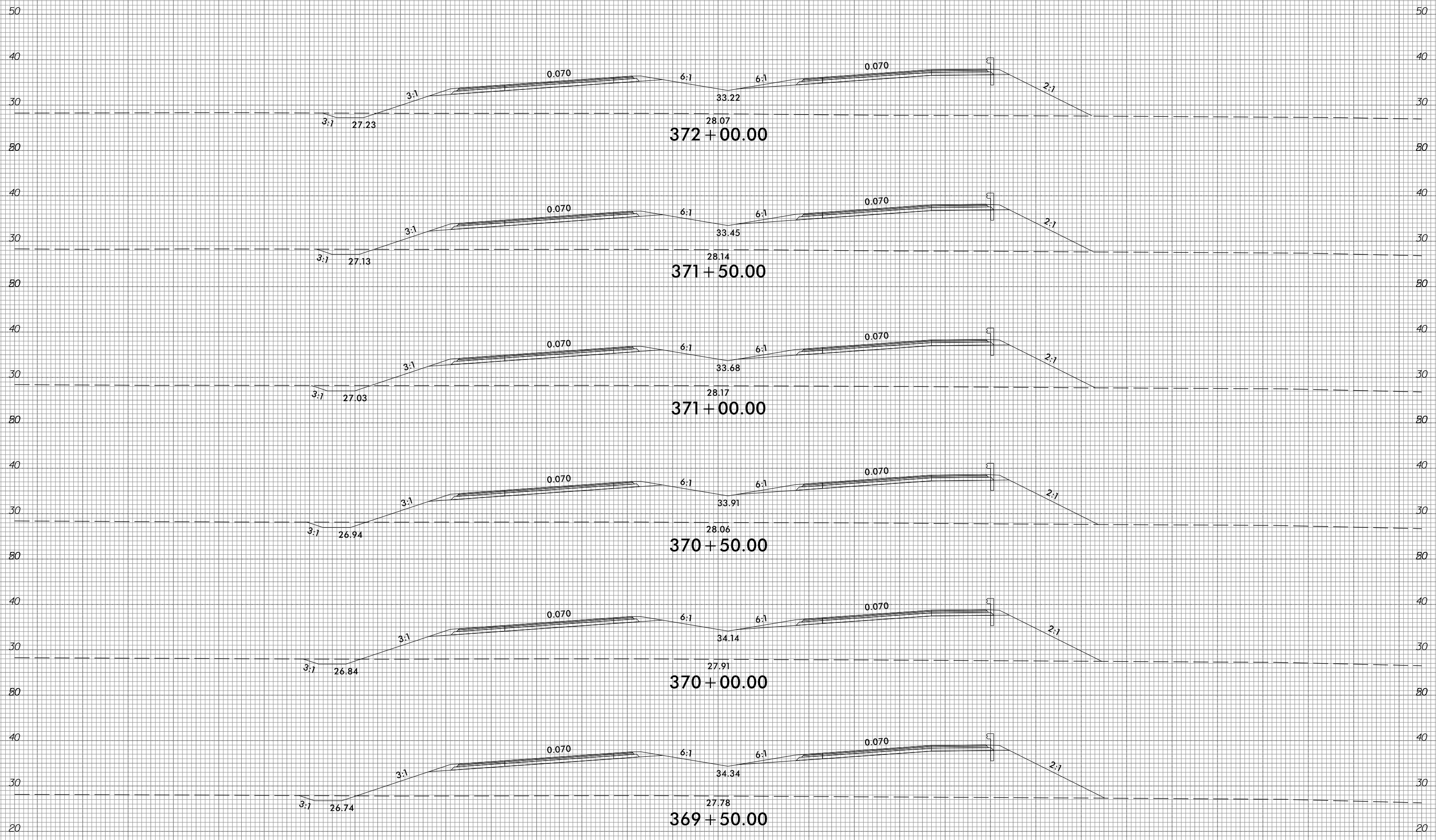
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-174

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



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

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gncdlin

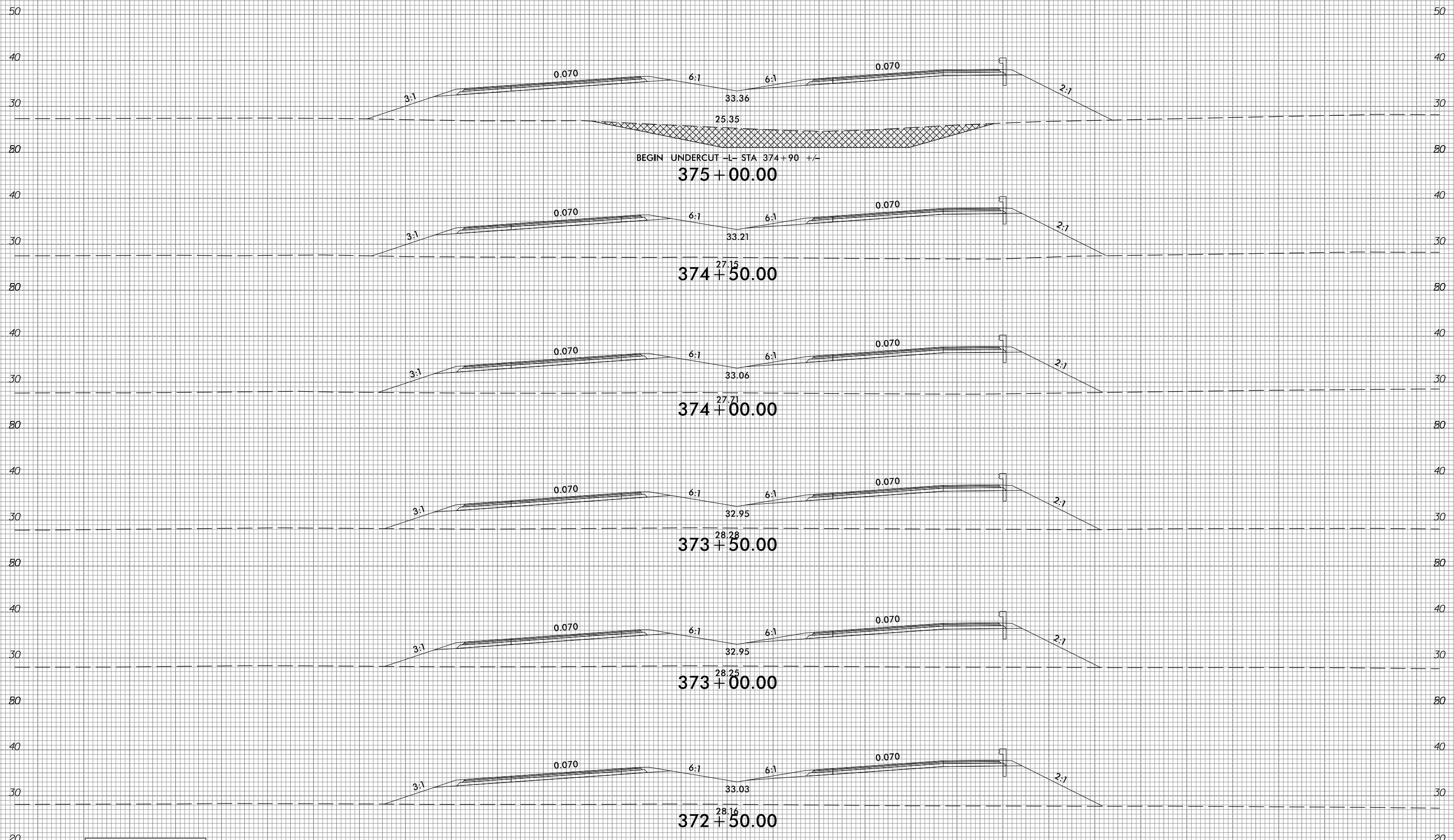
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-175

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



PROPOSED UNDERCUT



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

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gmc311

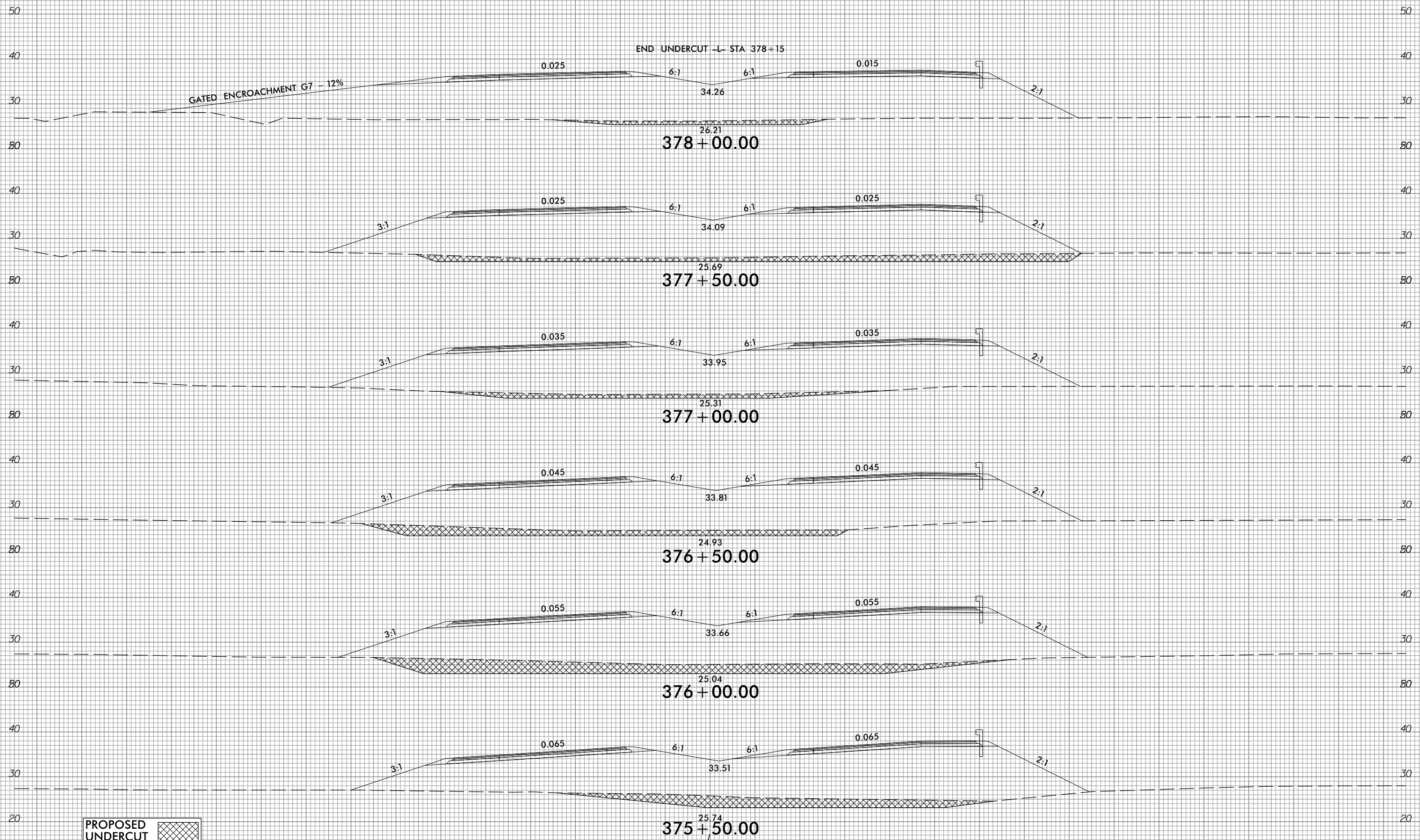
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-176

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



GATED ENCROACHMENT G7 - 12%

END UNDERCUT -L- STA 378+15

378 + 00.00

377 + 50.00

377 + 00.00

376 + 50.00

376 + 00.00

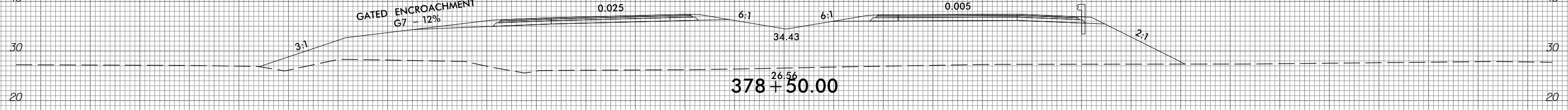
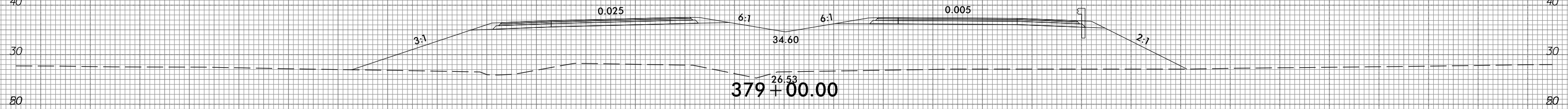
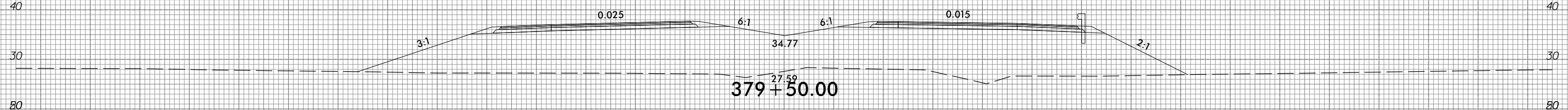
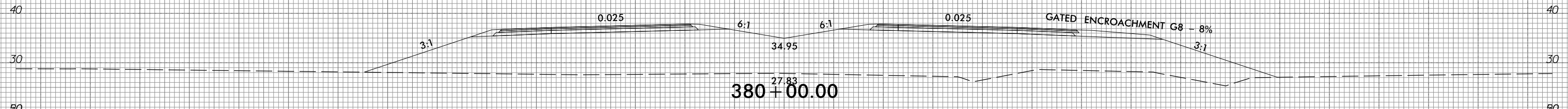
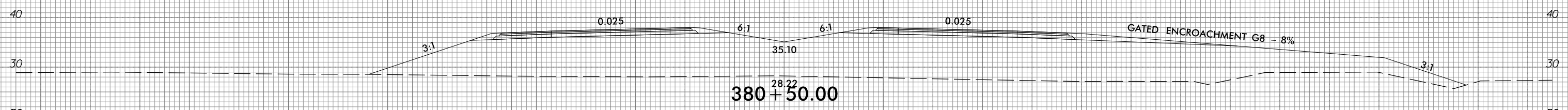
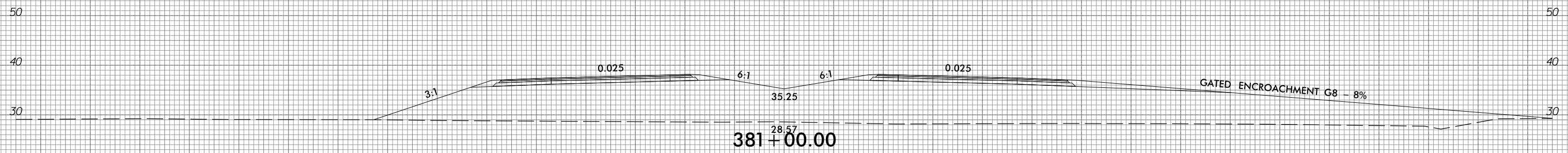
375 + 50.00

PROPOSED UNDERCUT

10/31/2018  
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gmc311



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



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

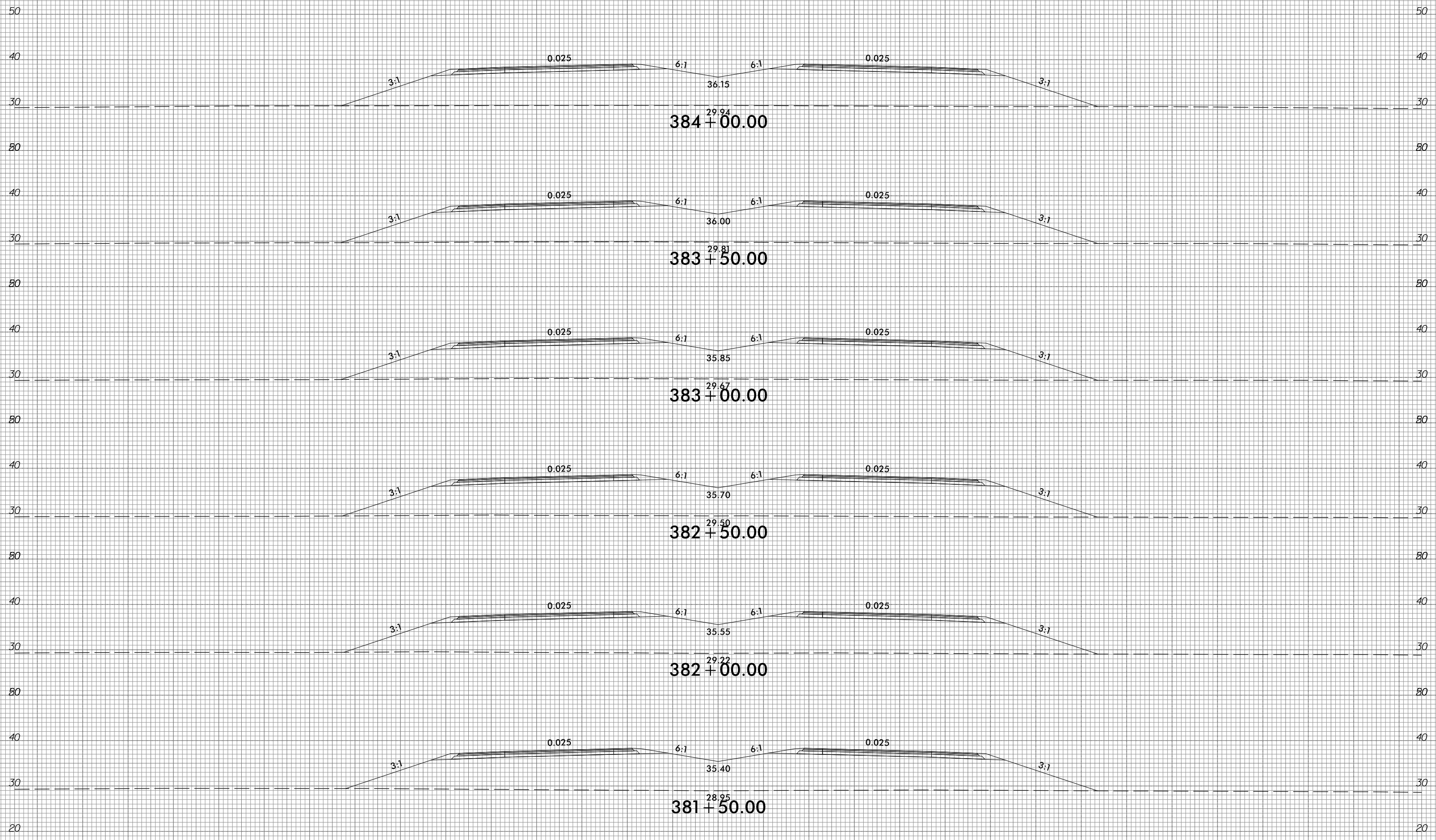
6/23/16



PROJ. REFERENCE NO.
R-1015

SHEET NO.
X-178

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



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

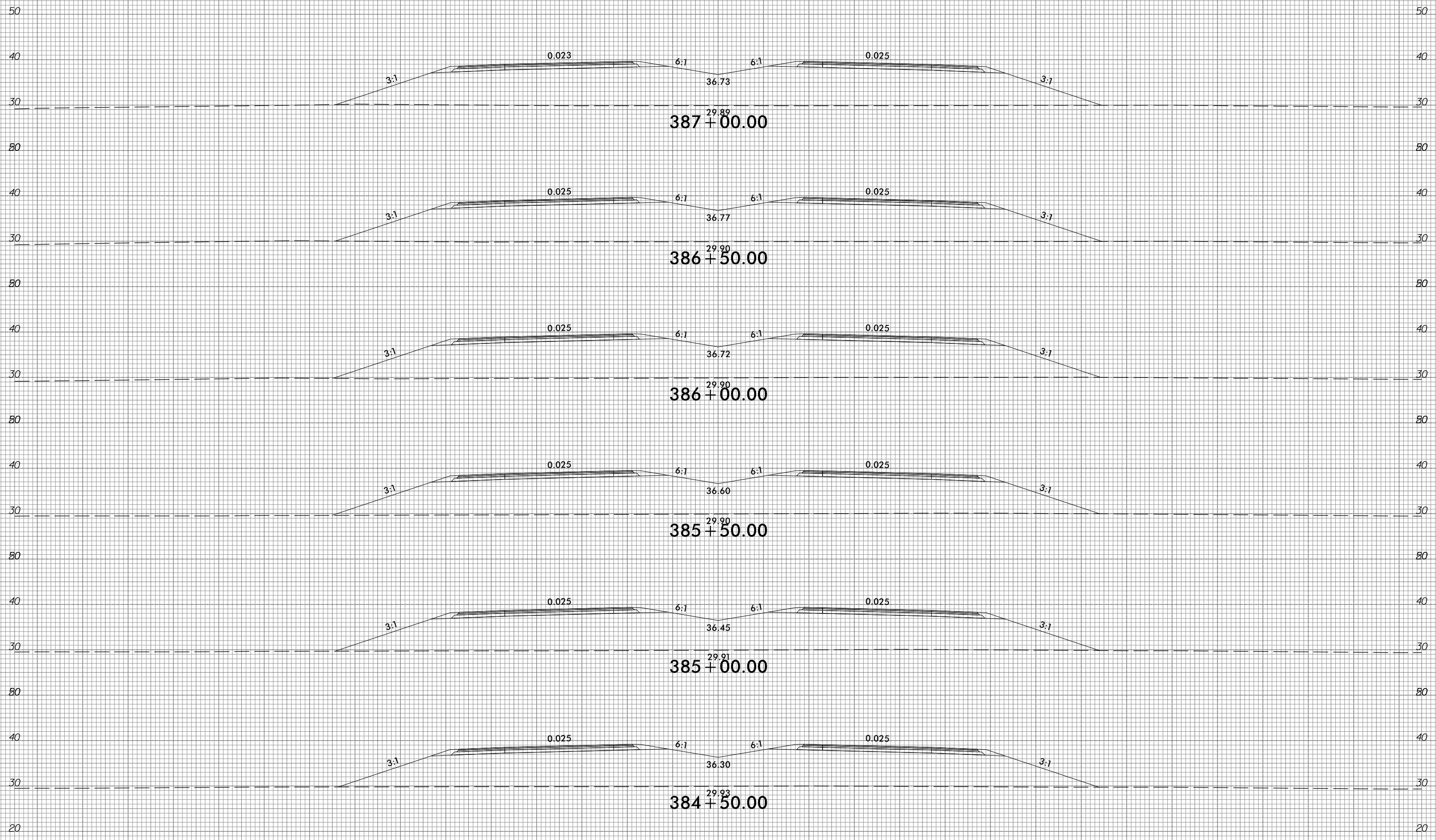
10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gncdlin

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-179

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



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 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
 gmc311

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



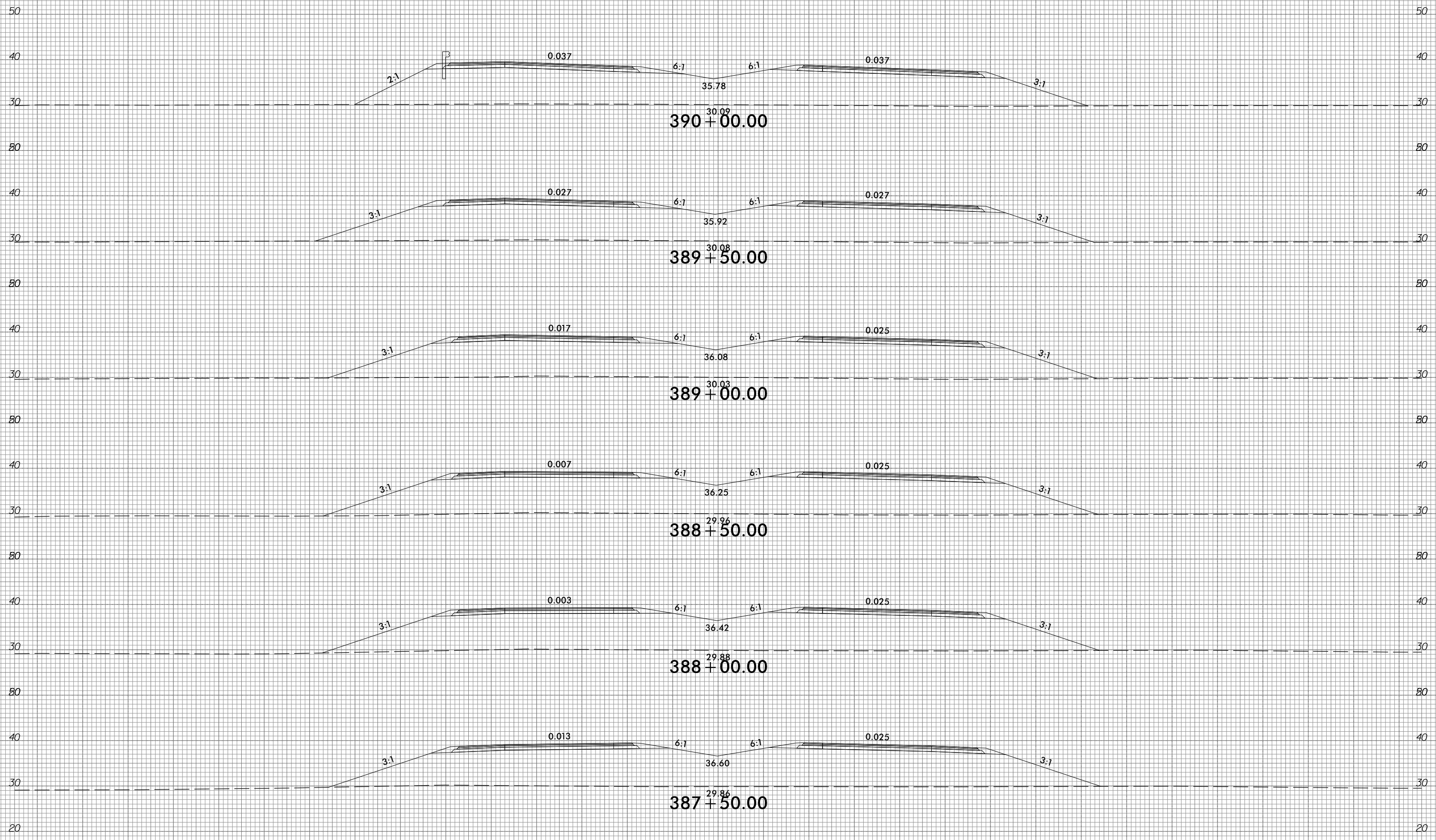
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-180

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

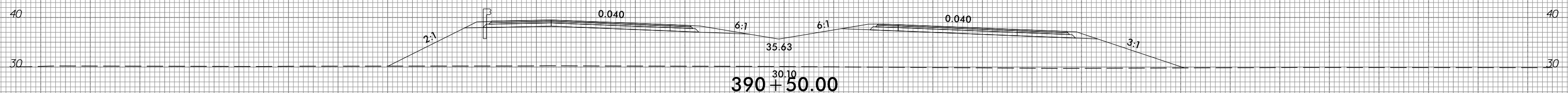
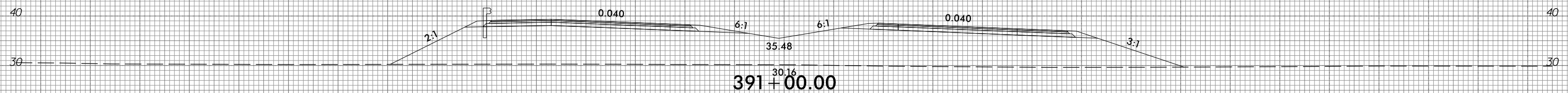
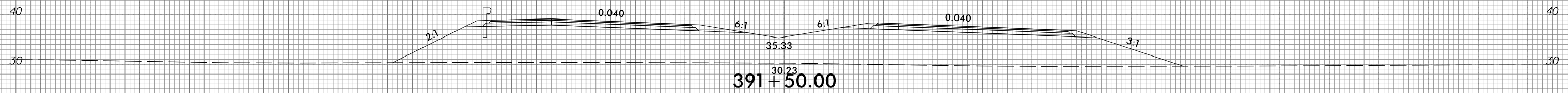
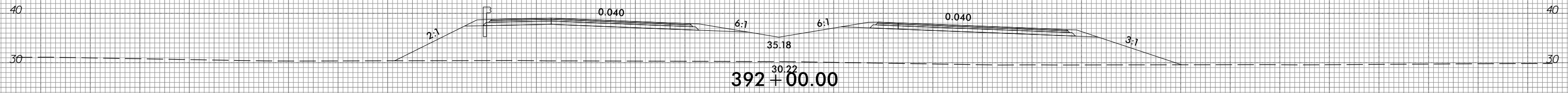
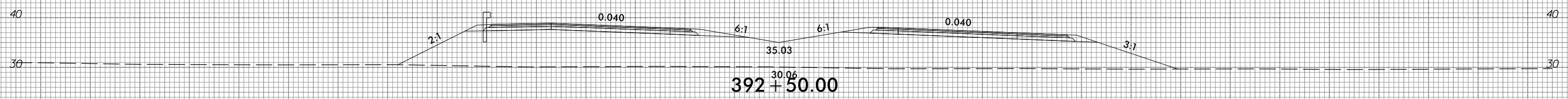
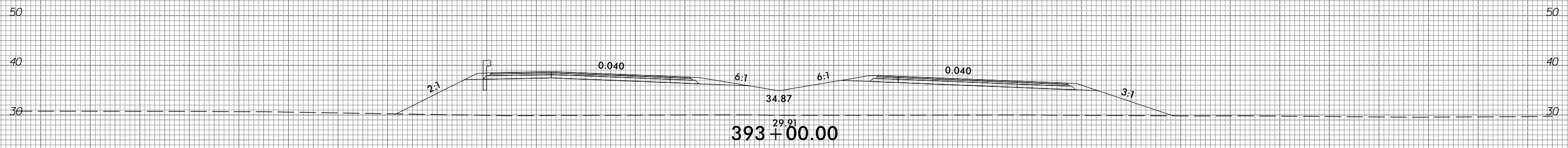


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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



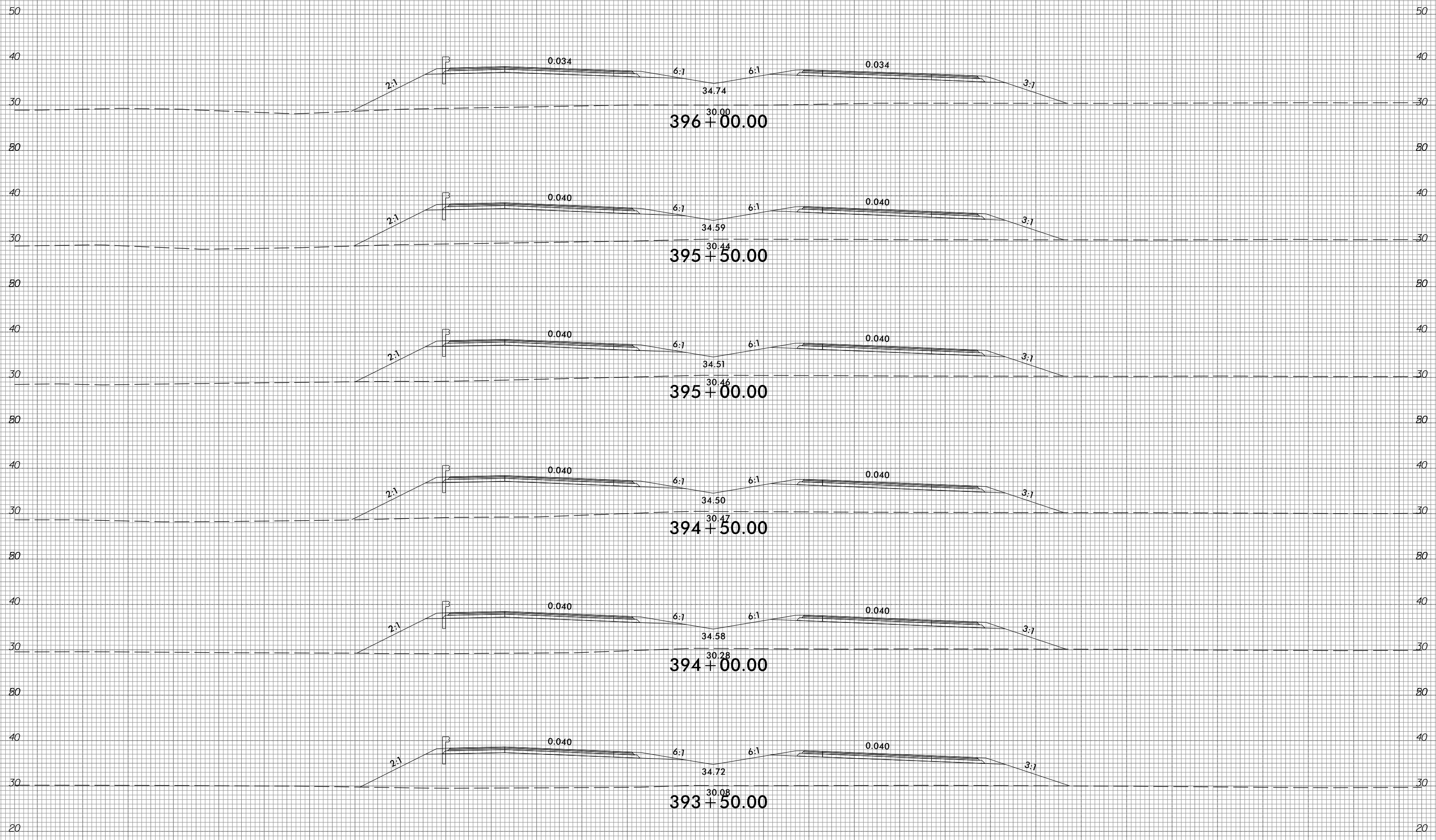
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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



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



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

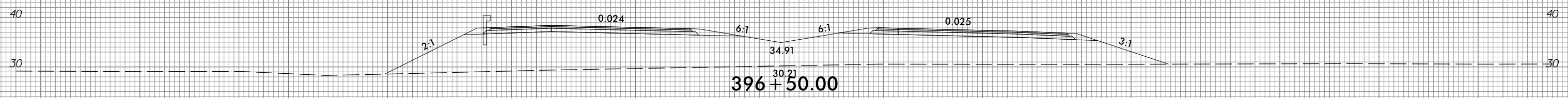
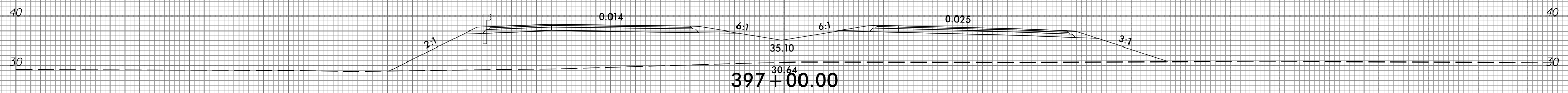
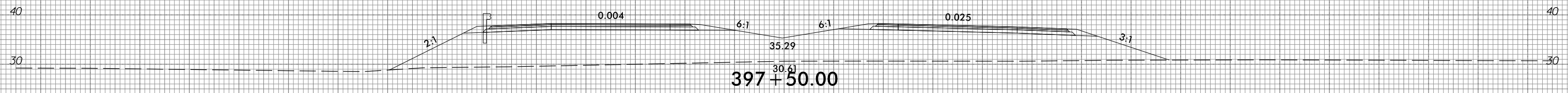
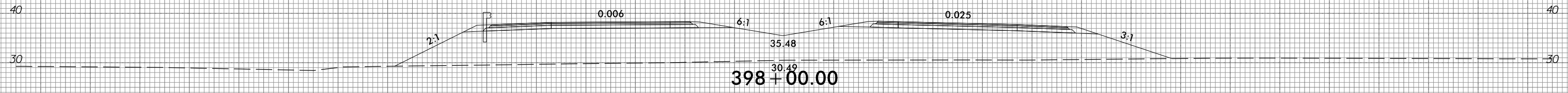
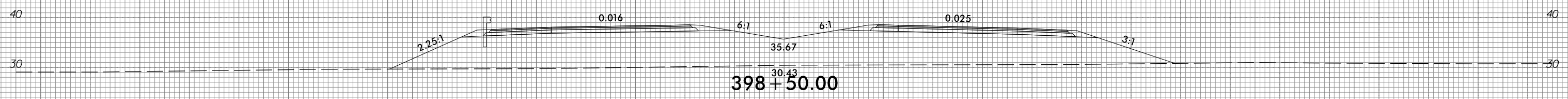
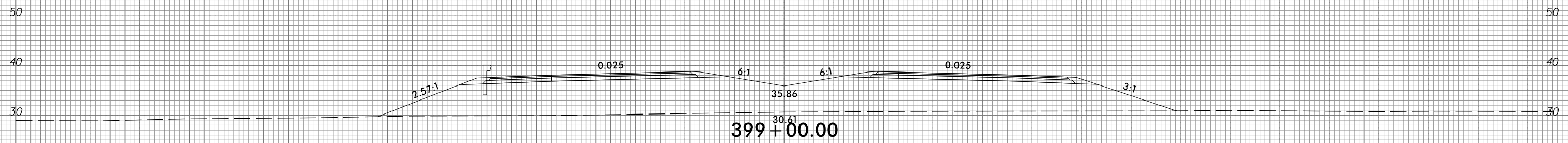
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-183

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

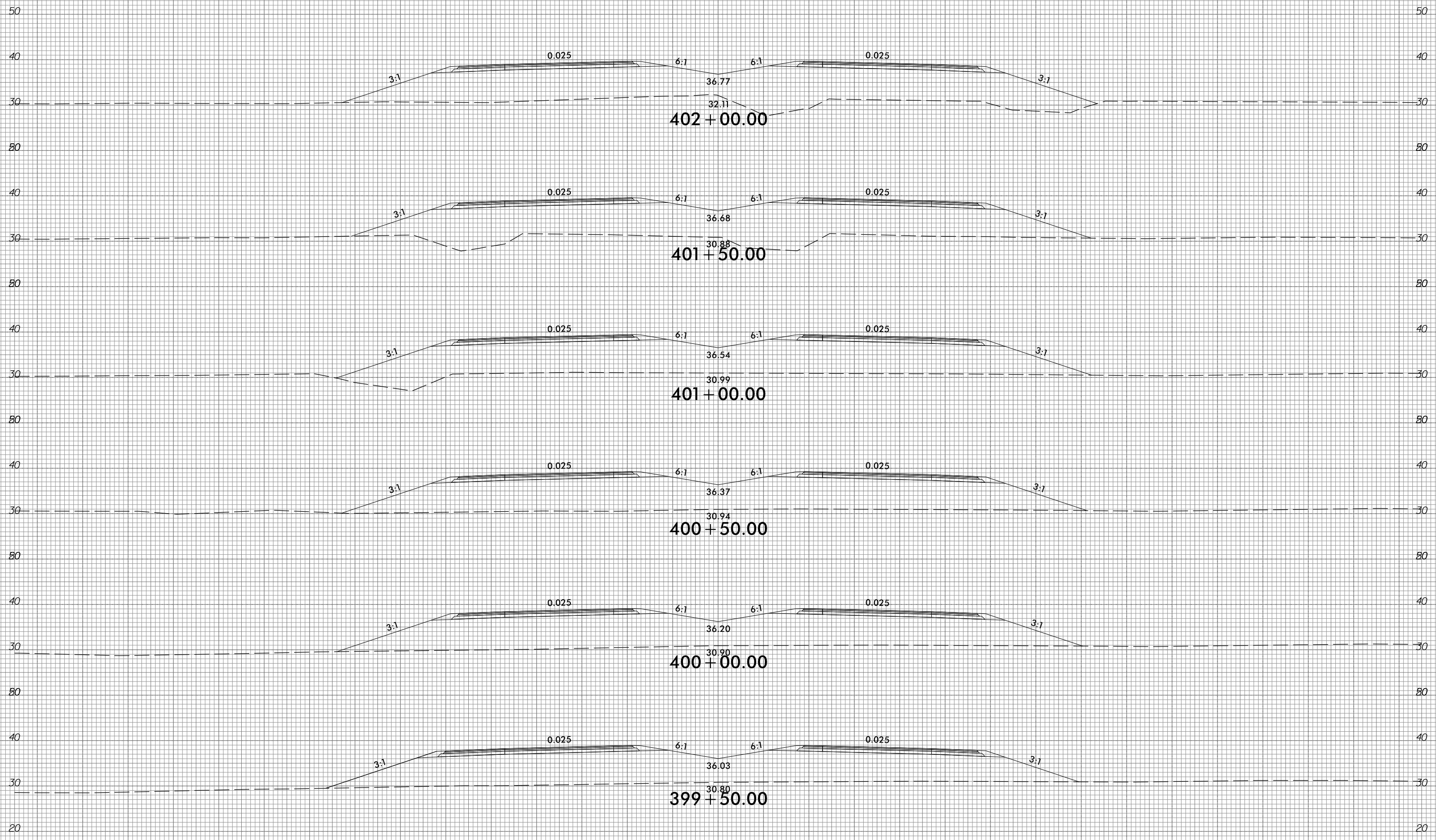


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

10/31/2018  
G:\RA\9729-02\CADD\RA1015\Roadway\XSC\RA1015\_xpl.L.dgn  
gncdlin



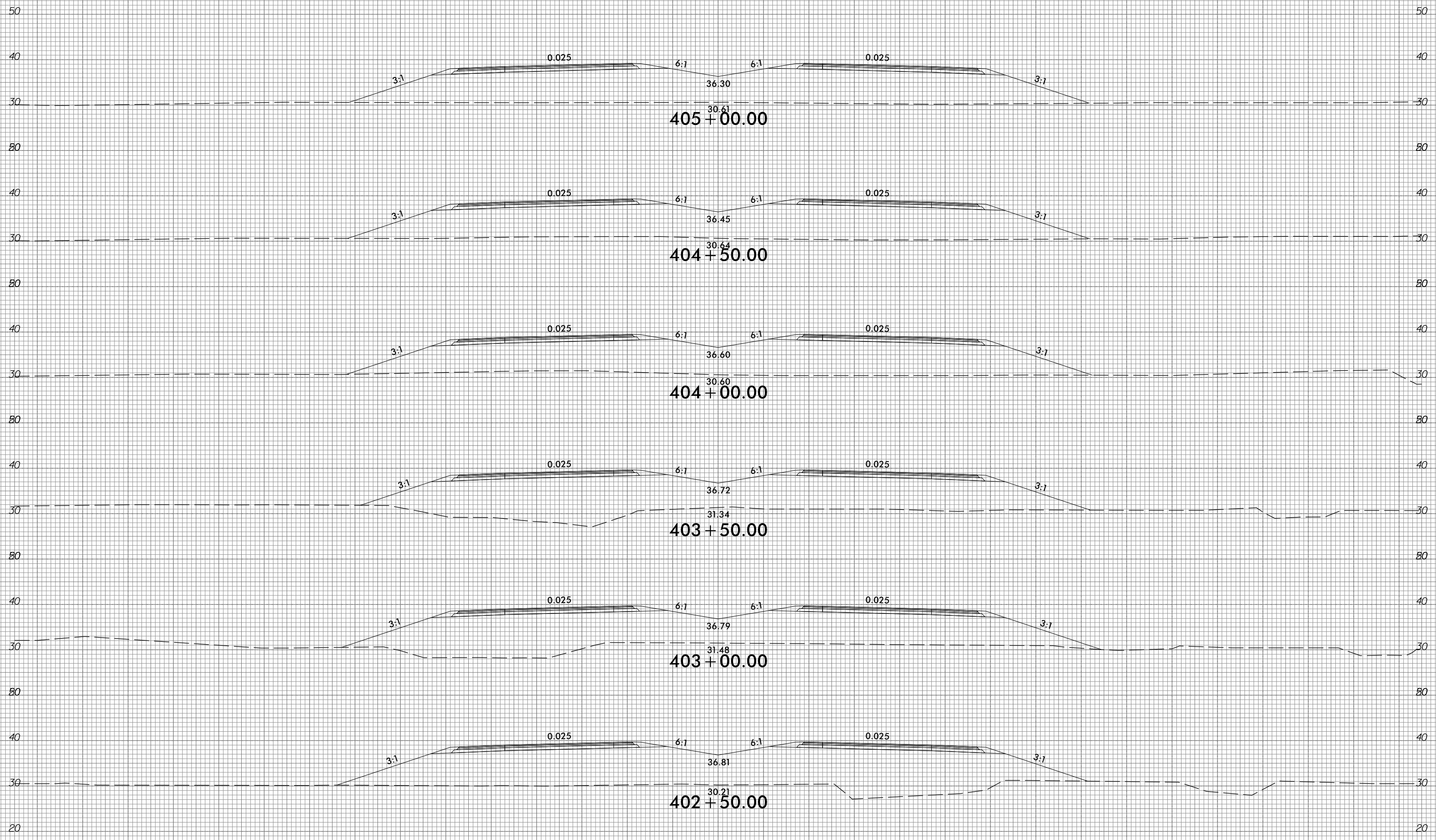
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



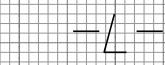
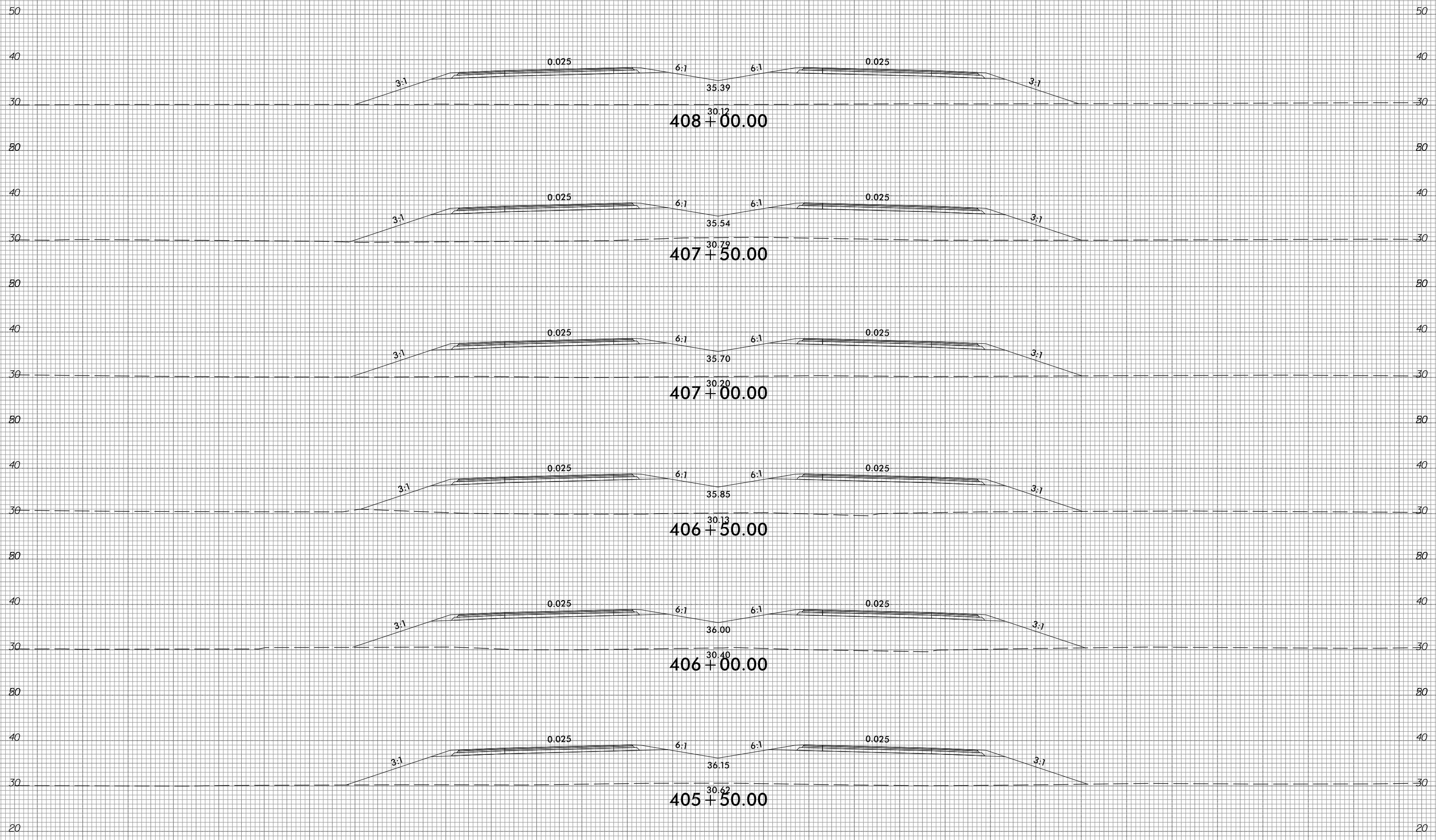
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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



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



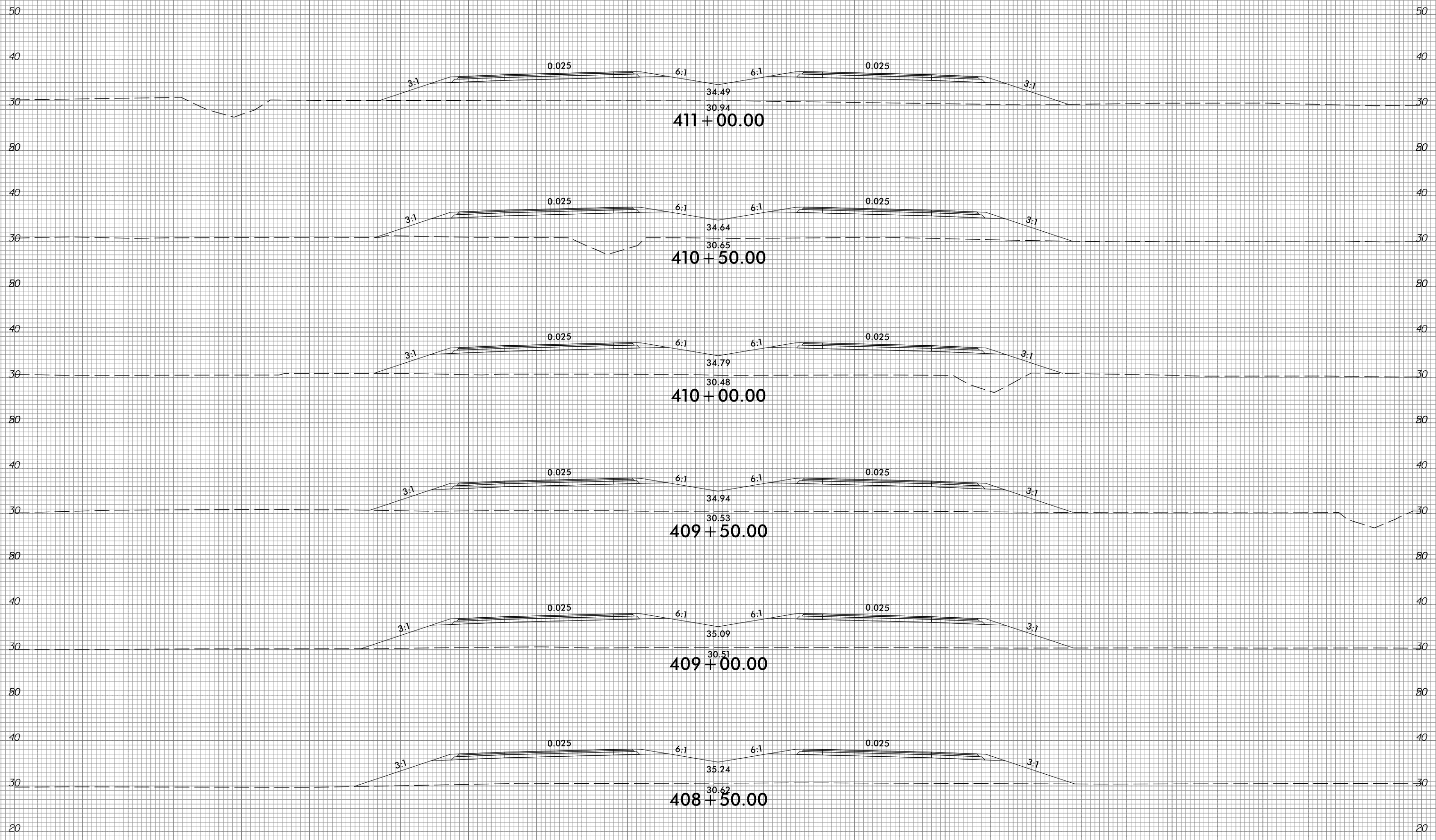
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-187

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



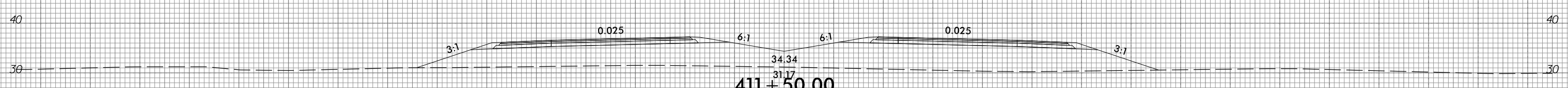
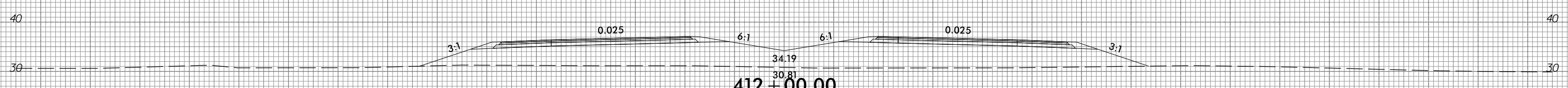
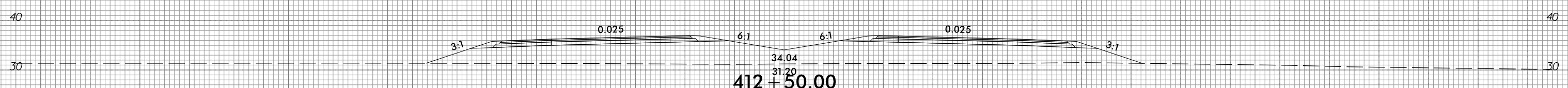
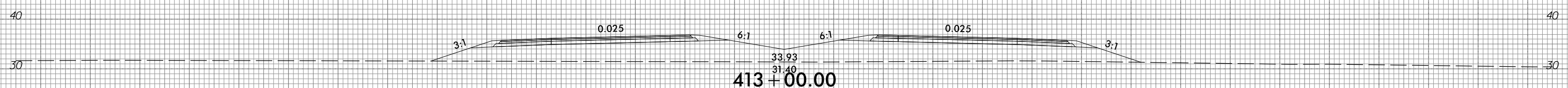
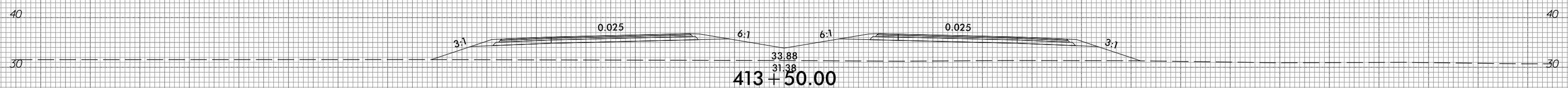
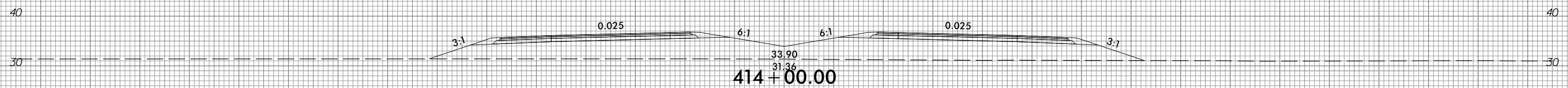
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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



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

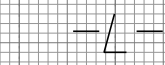
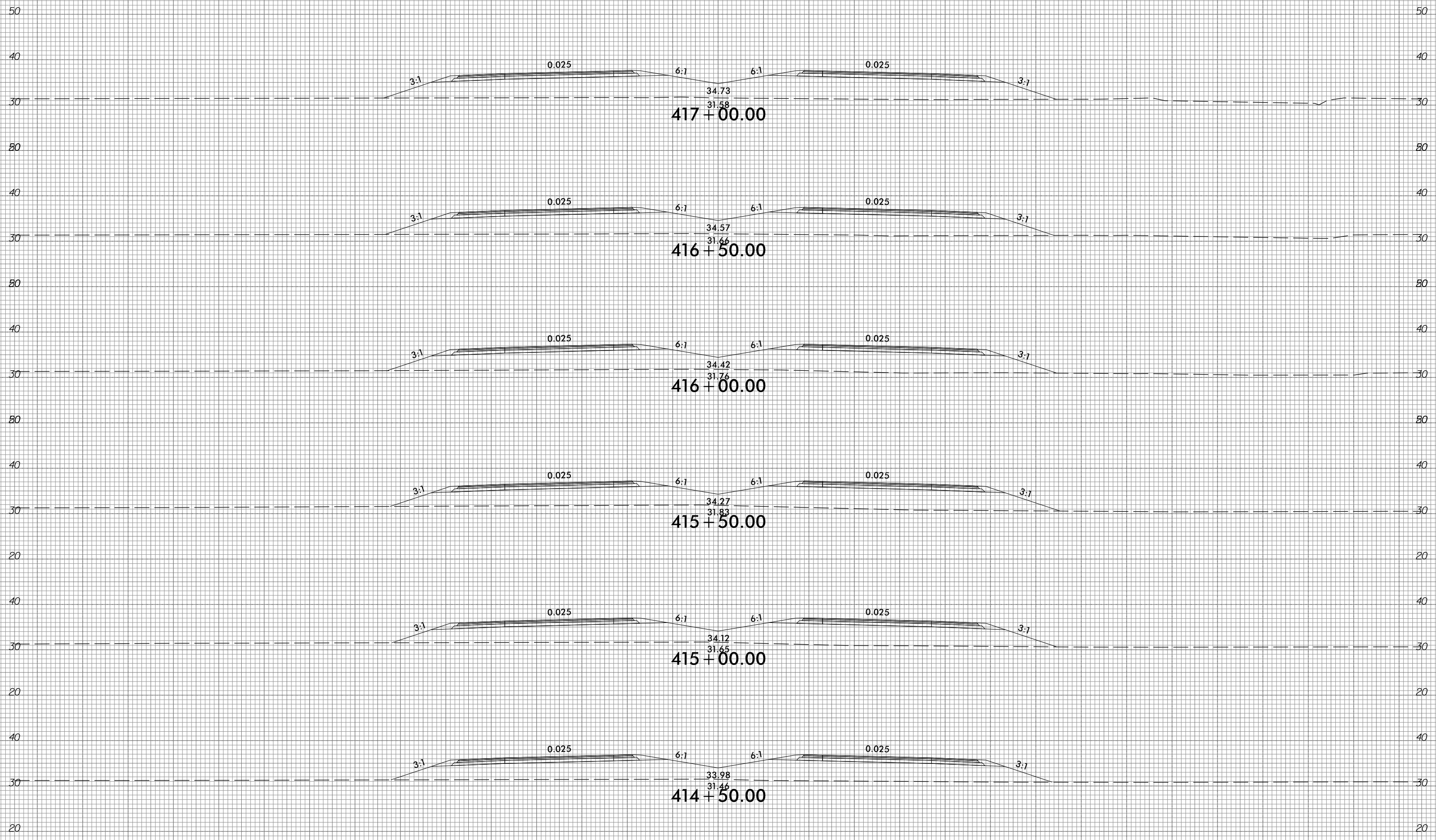
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-189

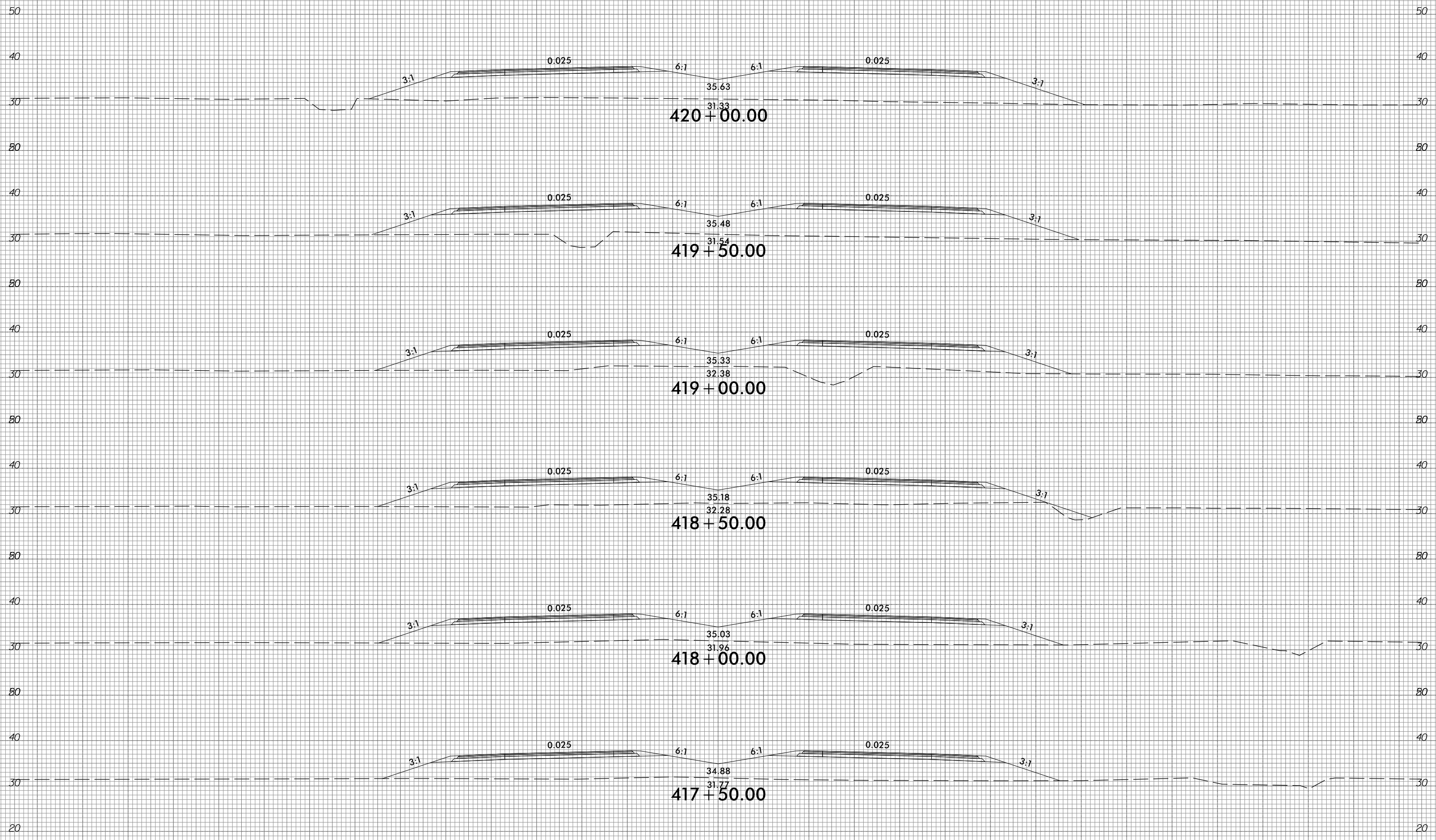
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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gncdjin

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



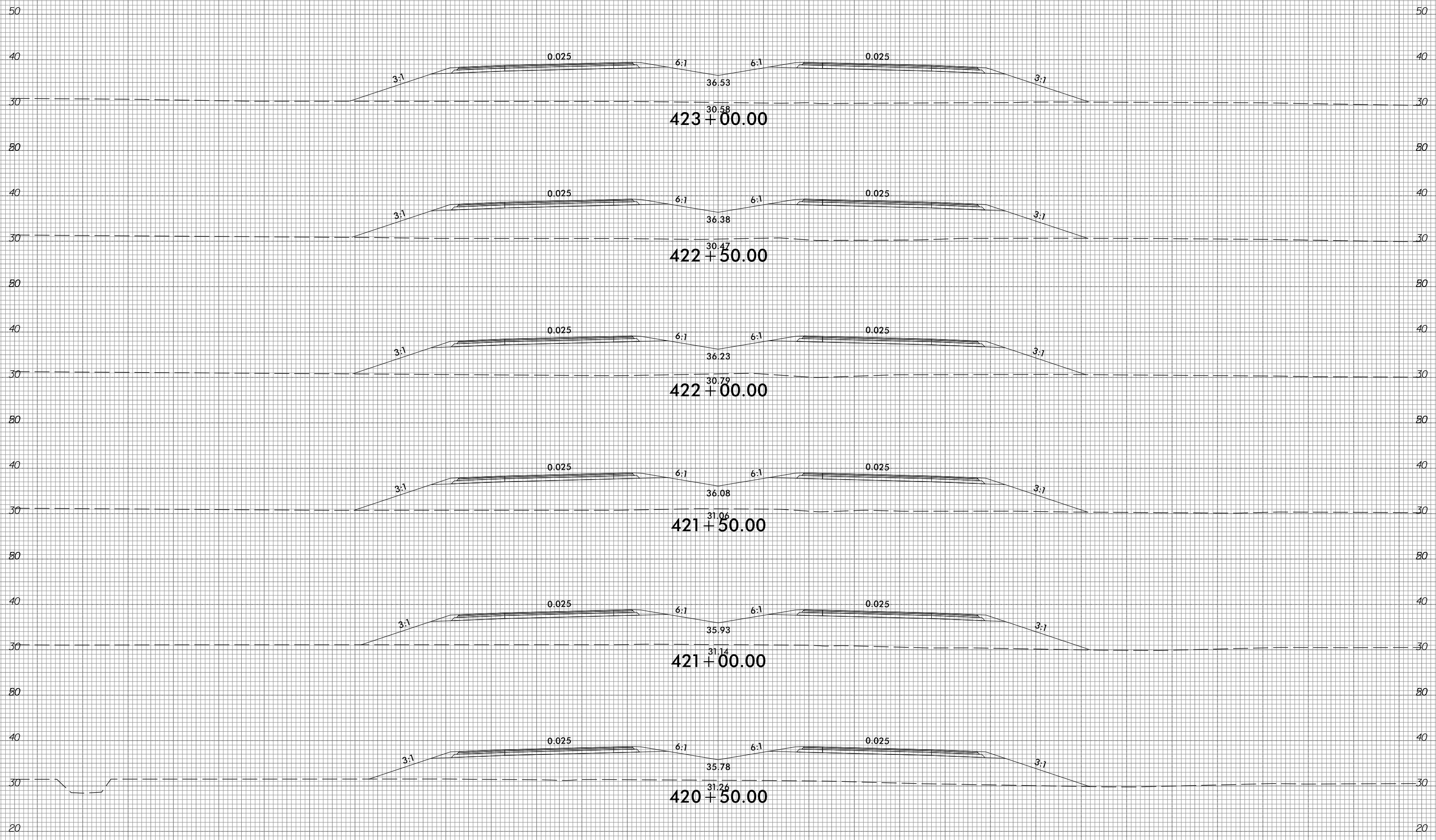
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-191

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

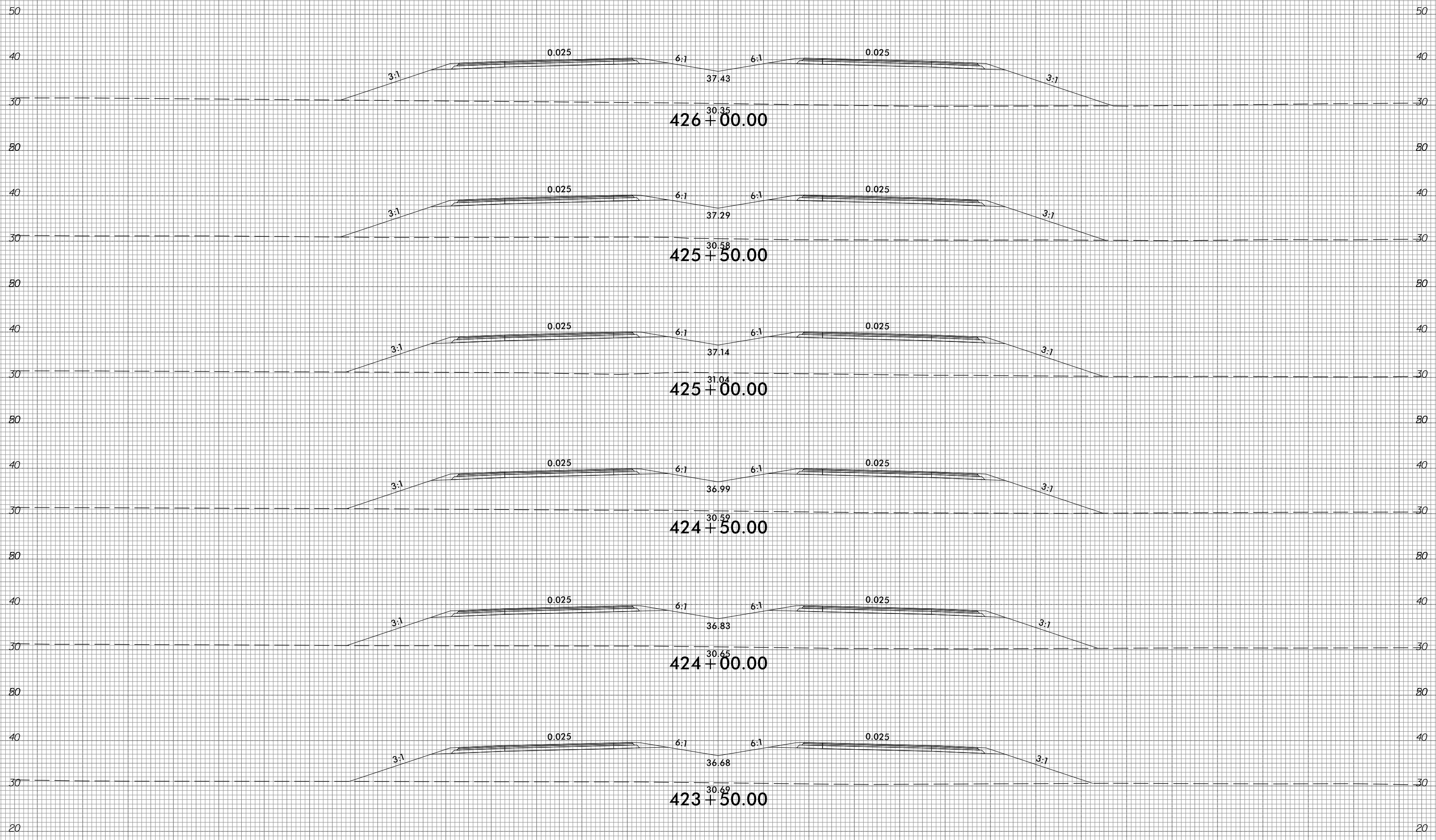


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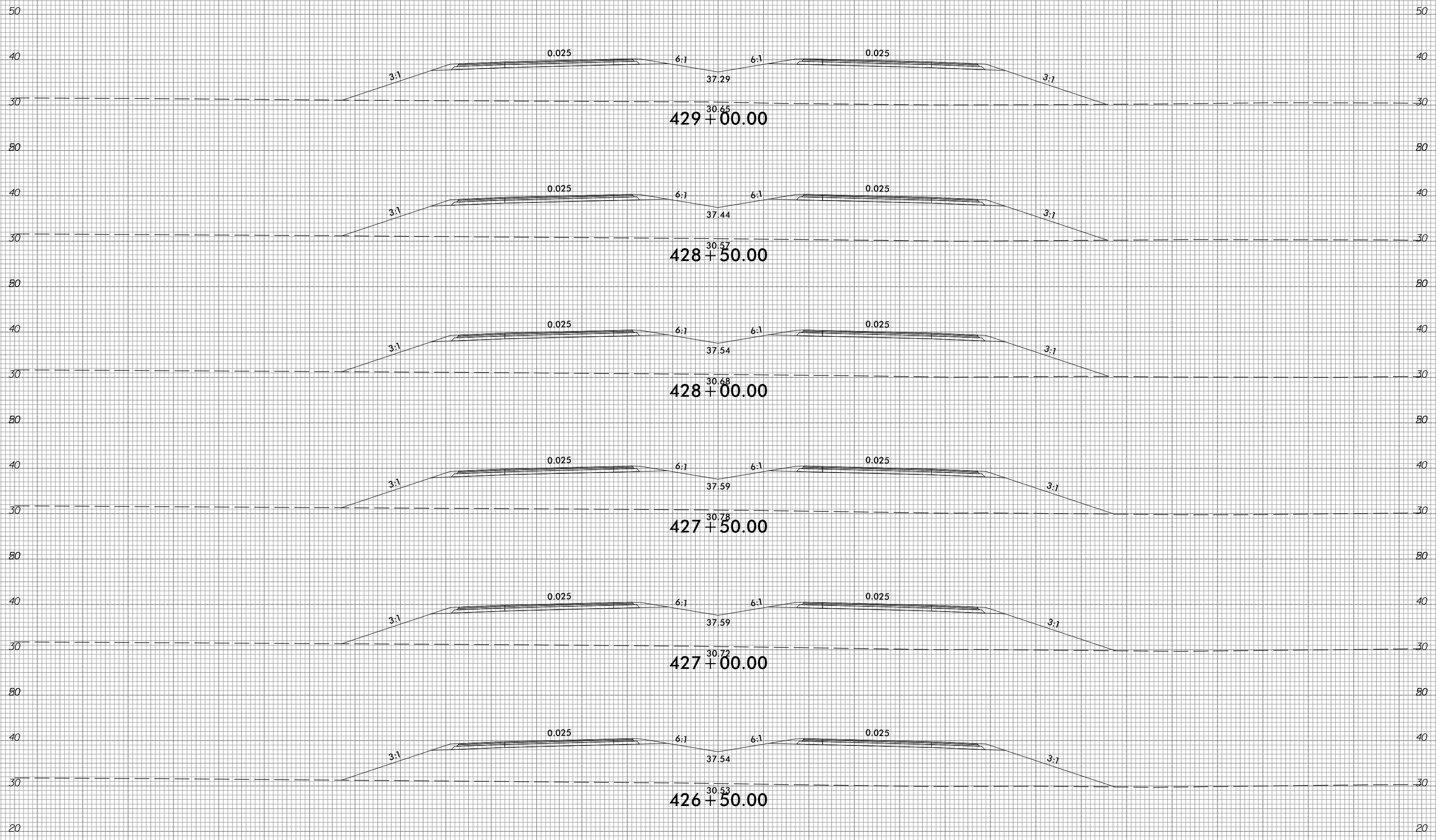


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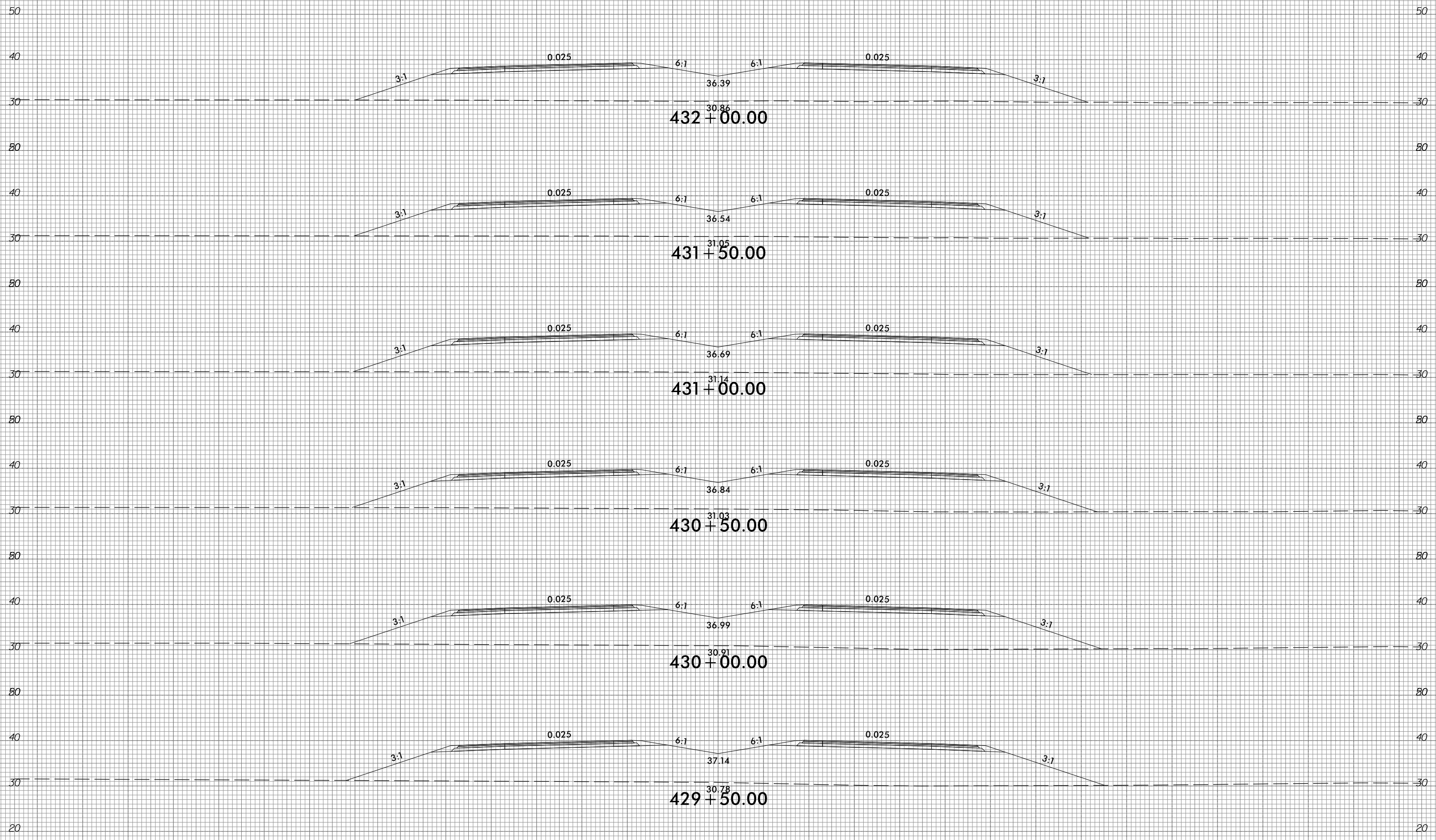
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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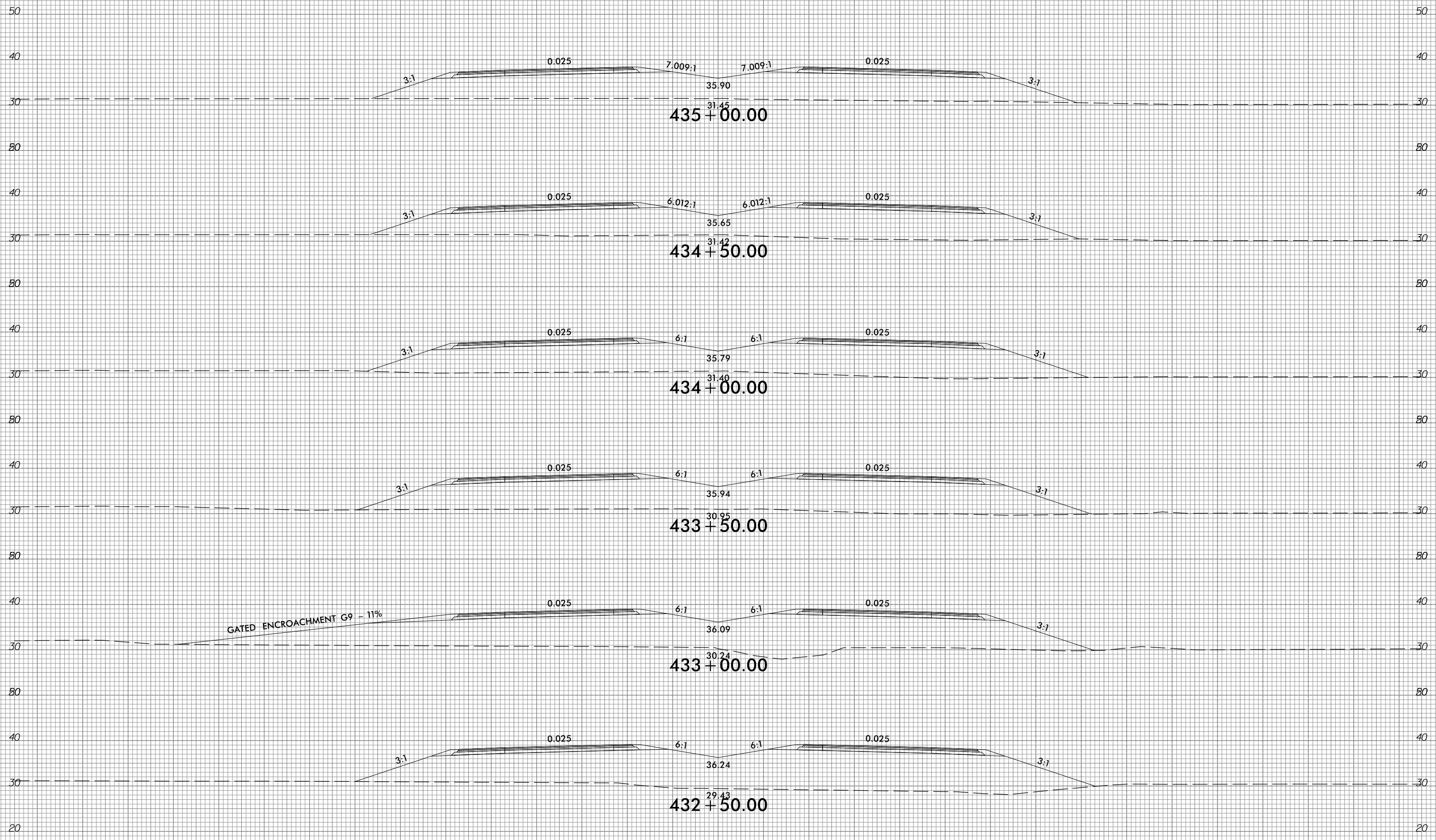
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-195

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GATED ENCROACHMENT G9 - 11%

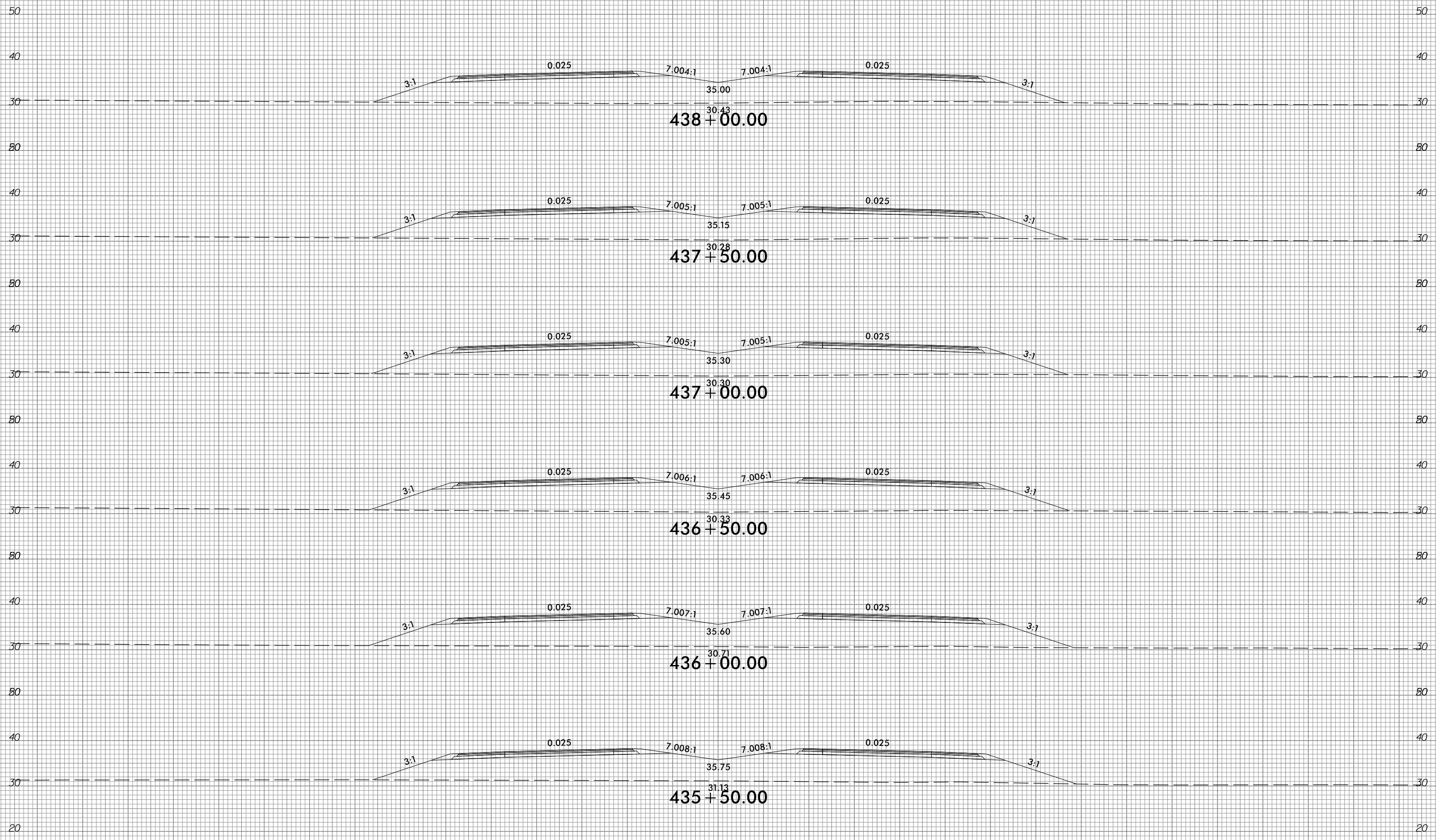
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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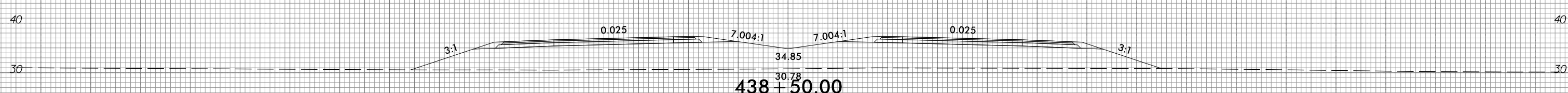
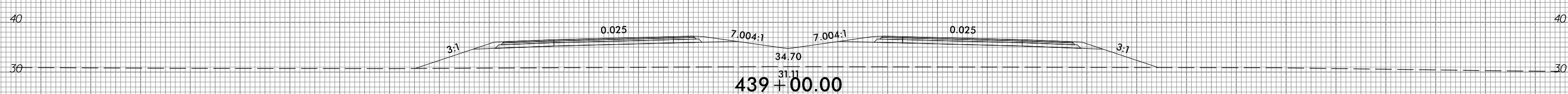
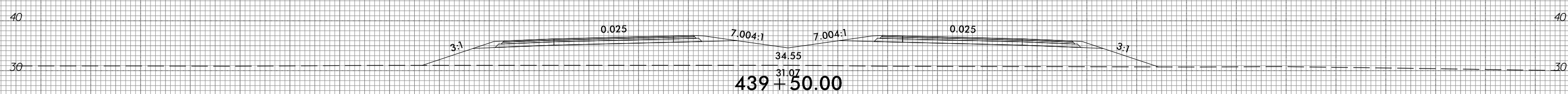
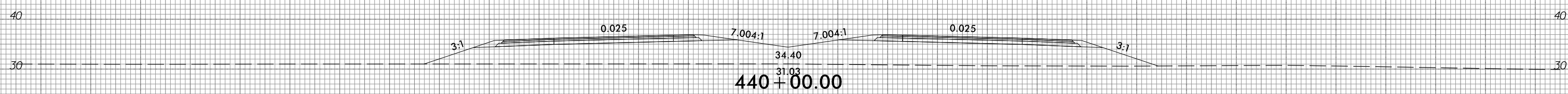
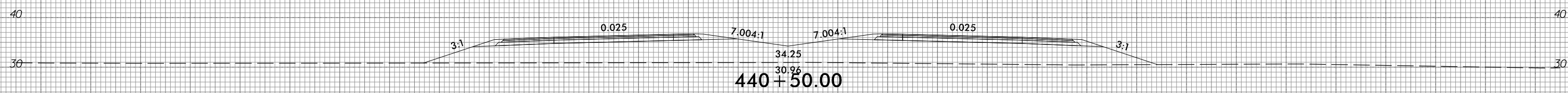
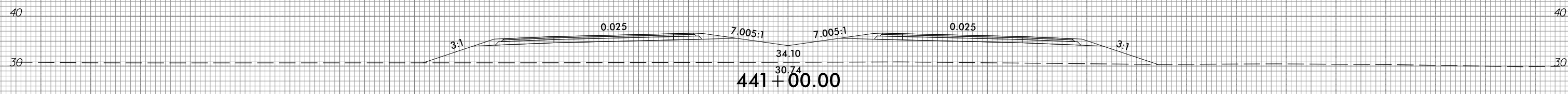
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-197

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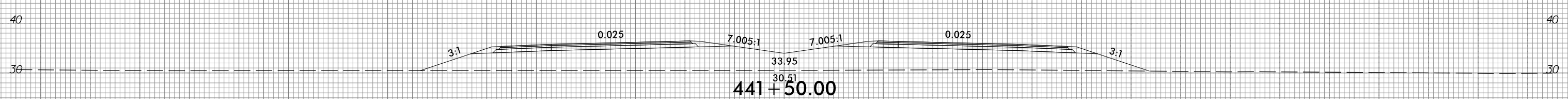
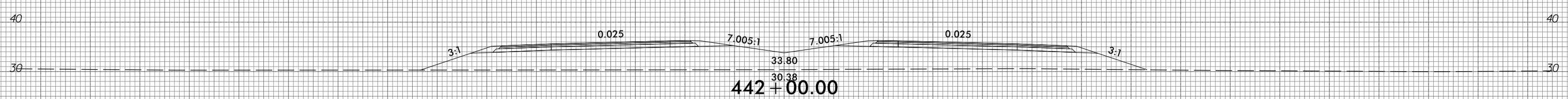
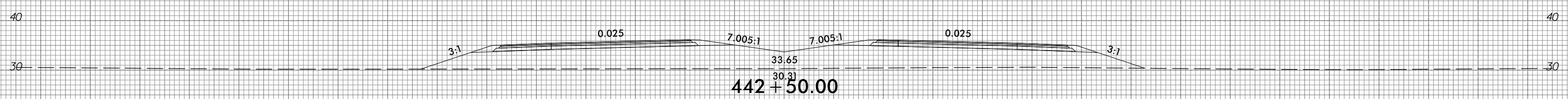
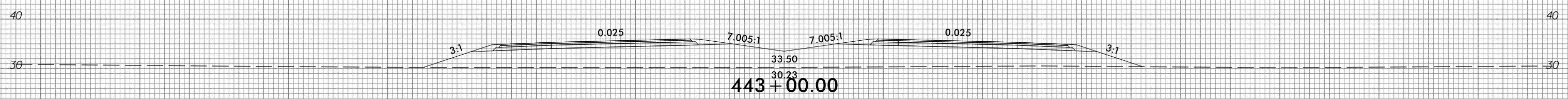
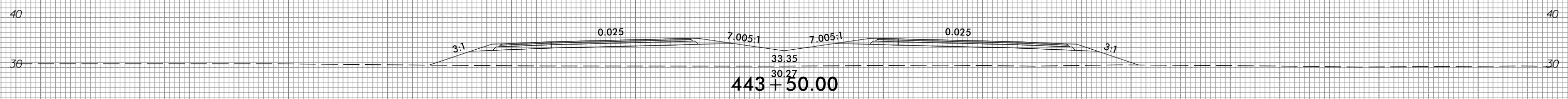
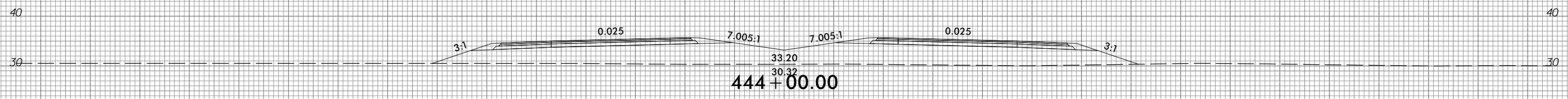
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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-198

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-198

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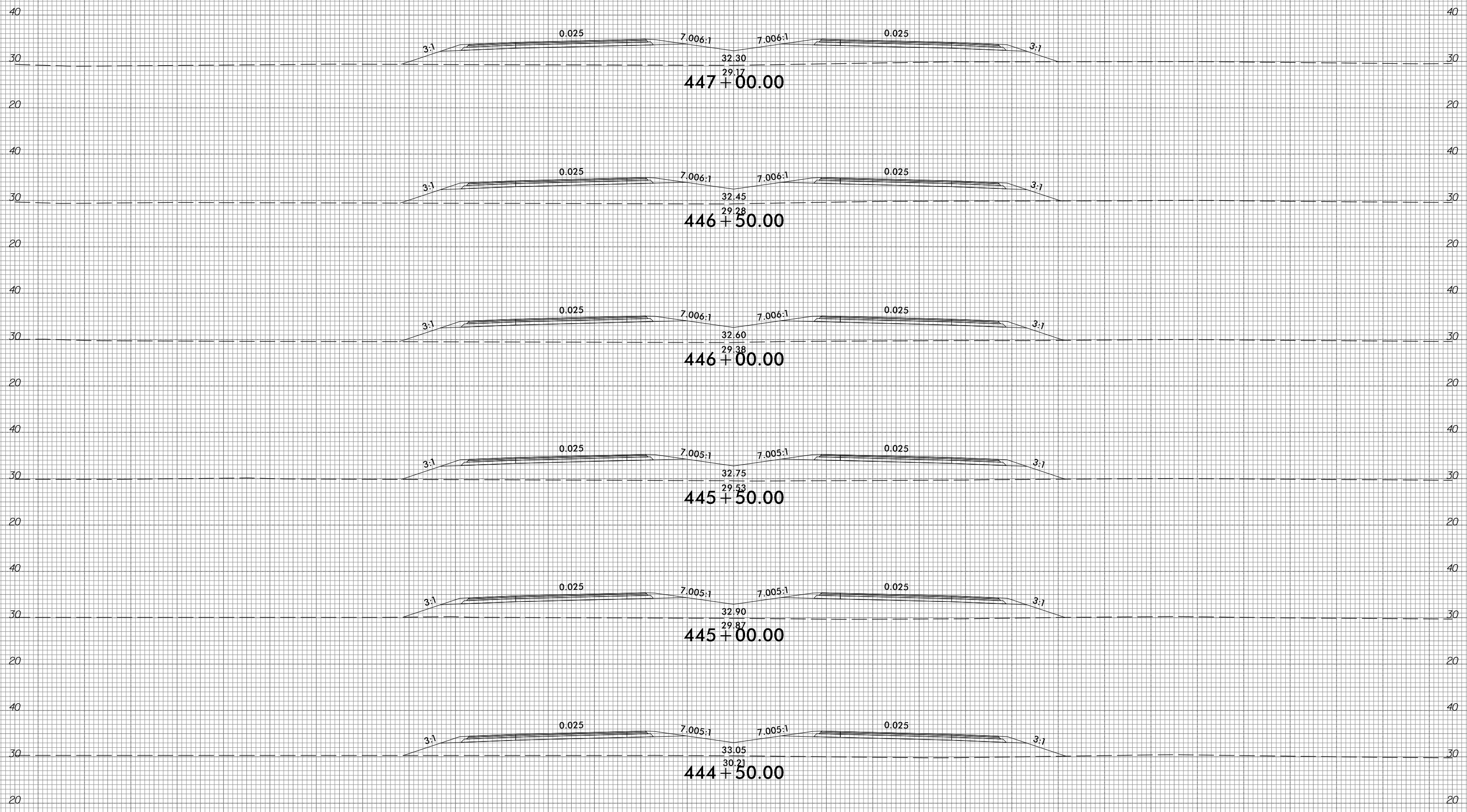
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-199

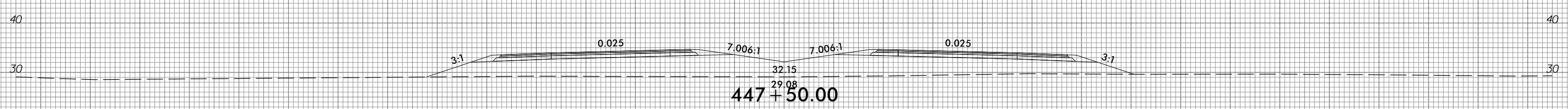
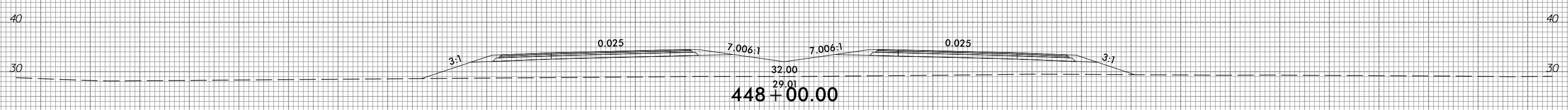
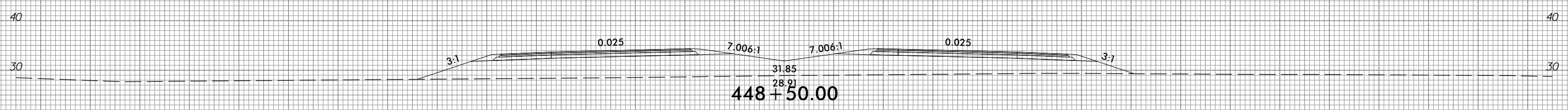
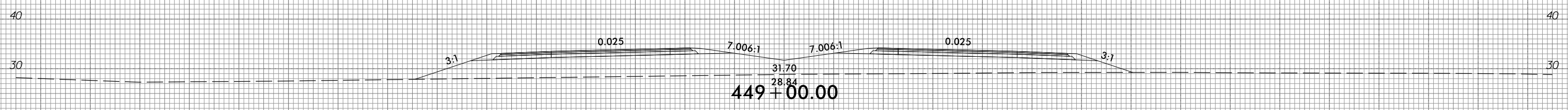
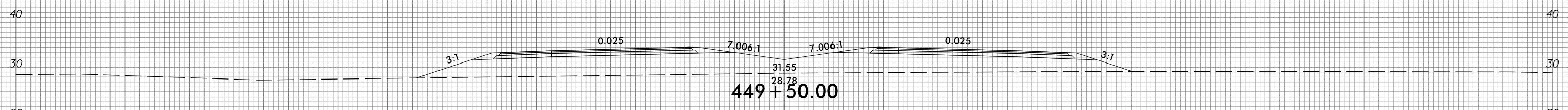
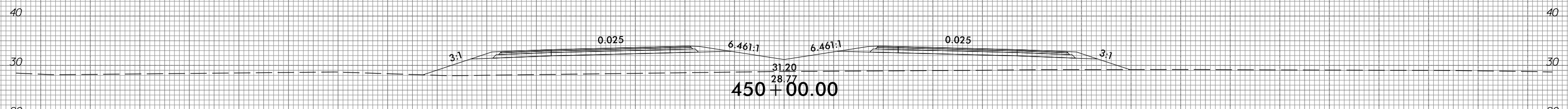
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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



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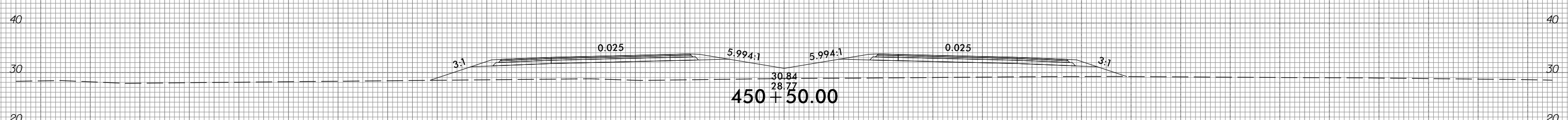
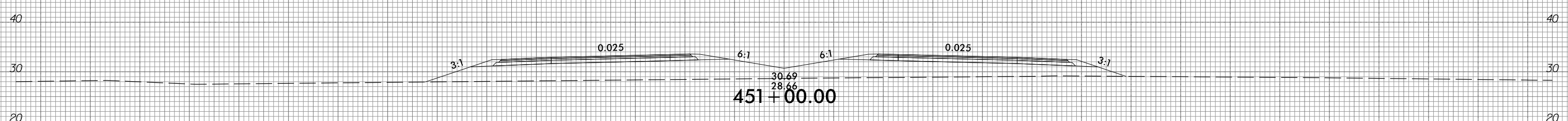
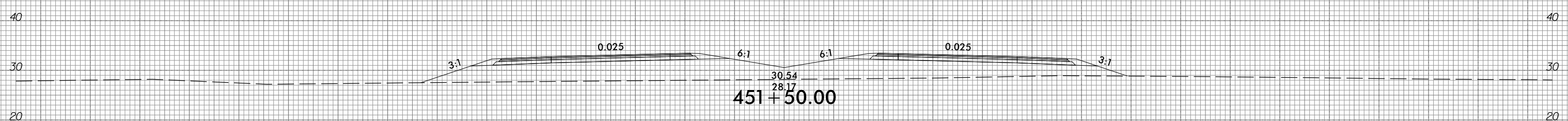
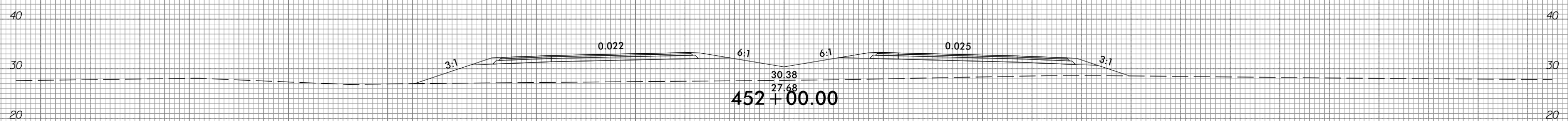
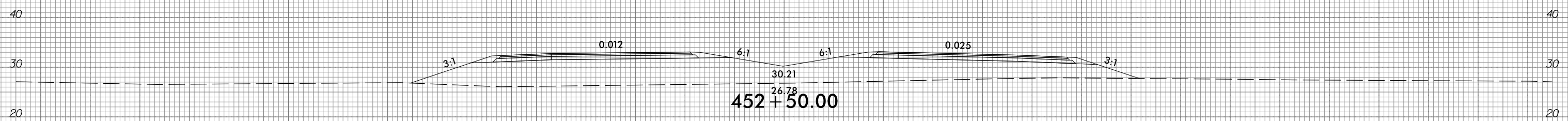
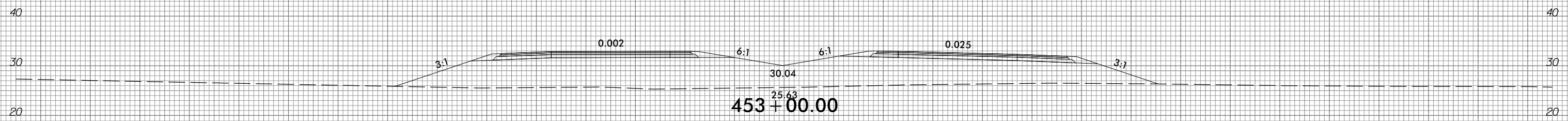
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-201

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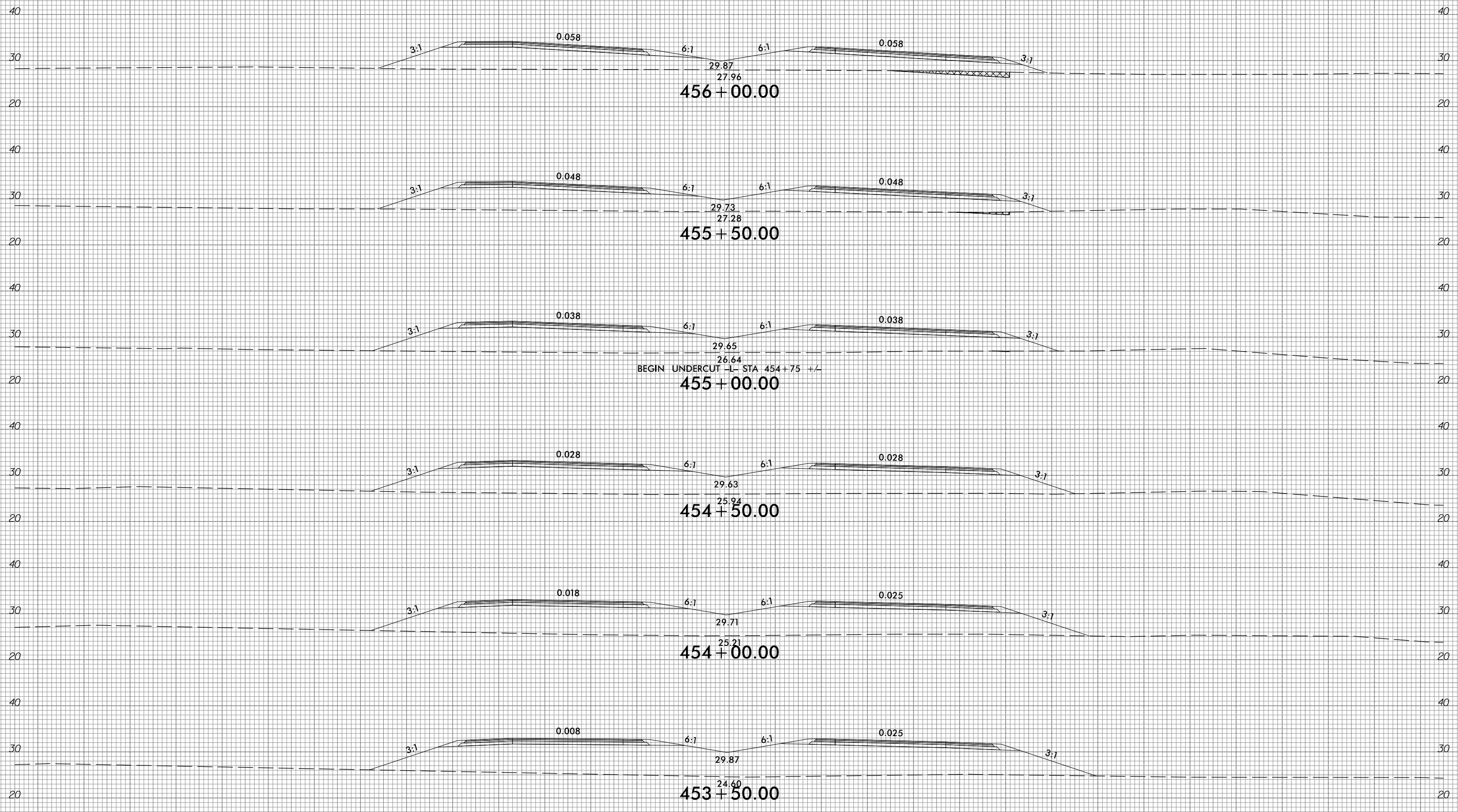
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-202

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

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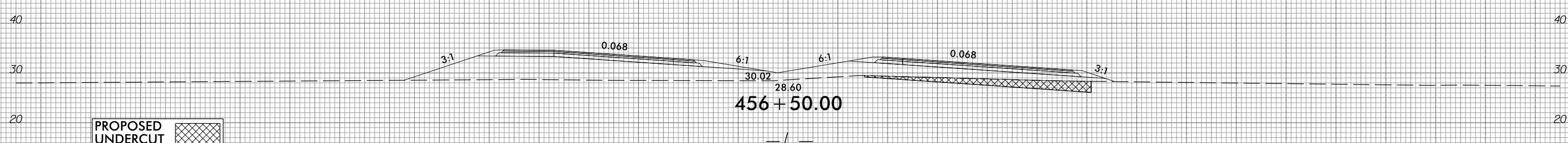
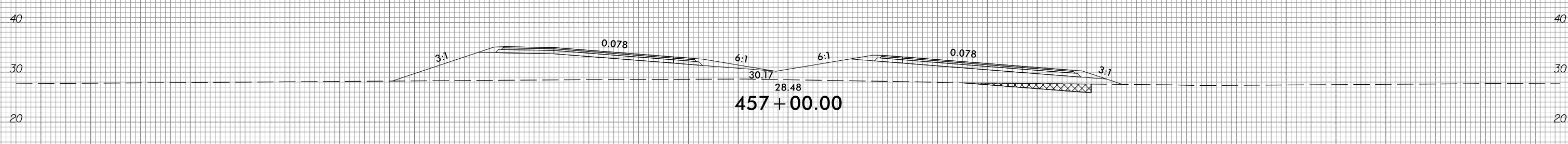
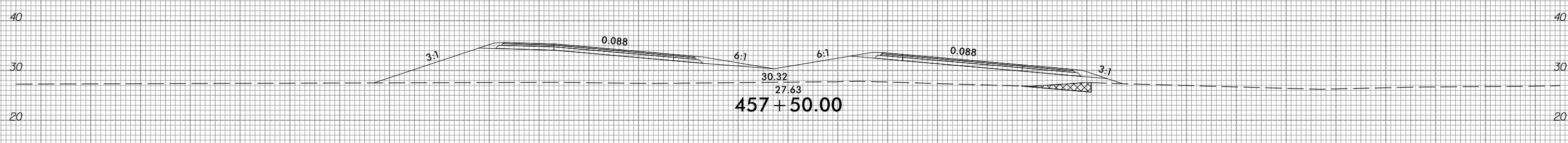
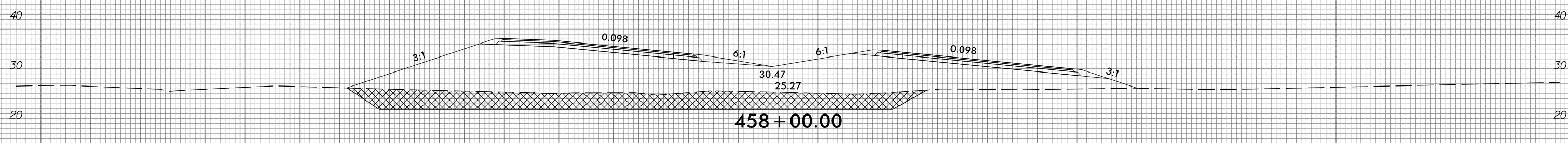
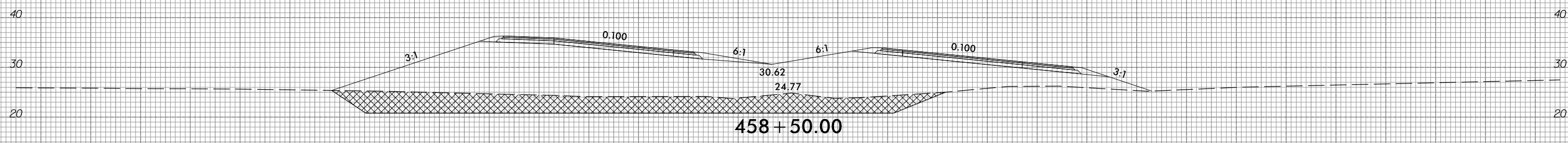
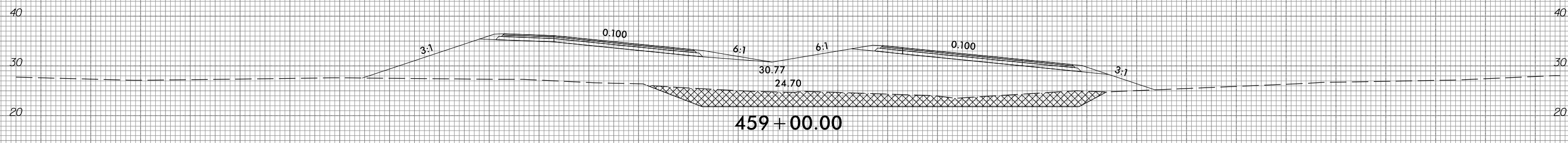
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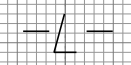
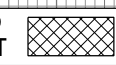
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-203

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PROPOSED UNDERCUT



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

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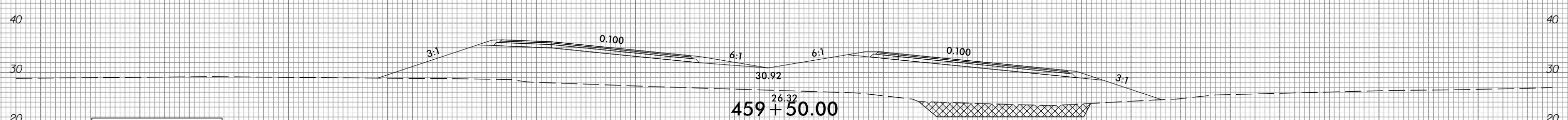
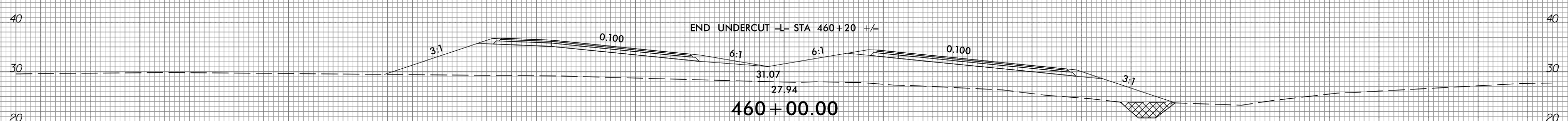
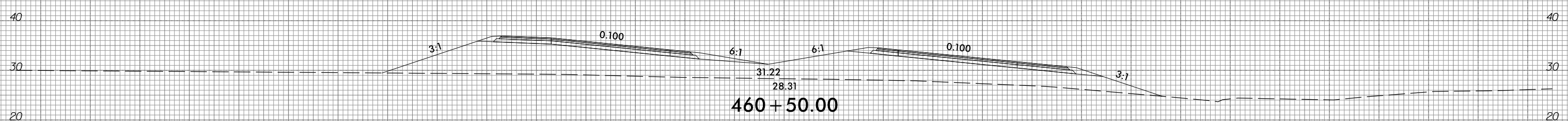
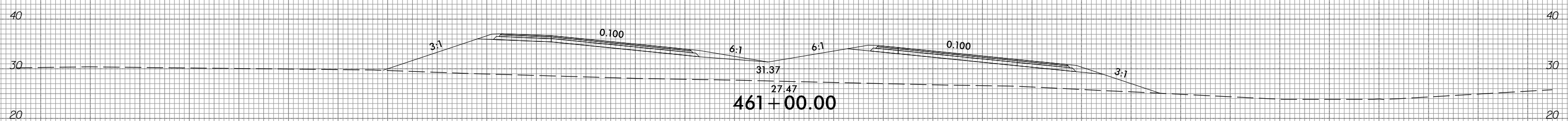
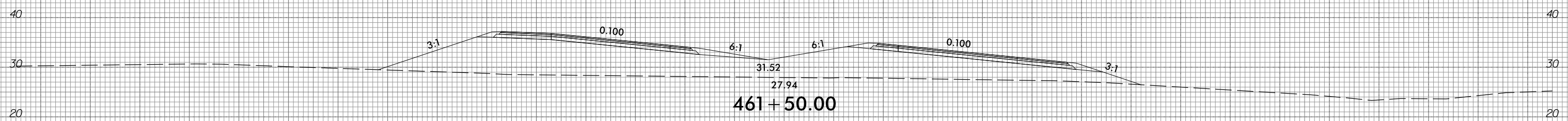
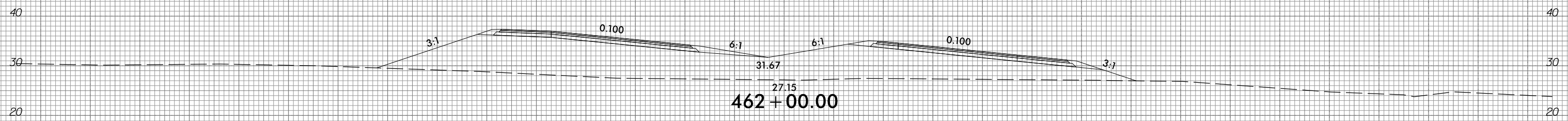
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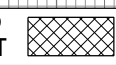
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-204

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

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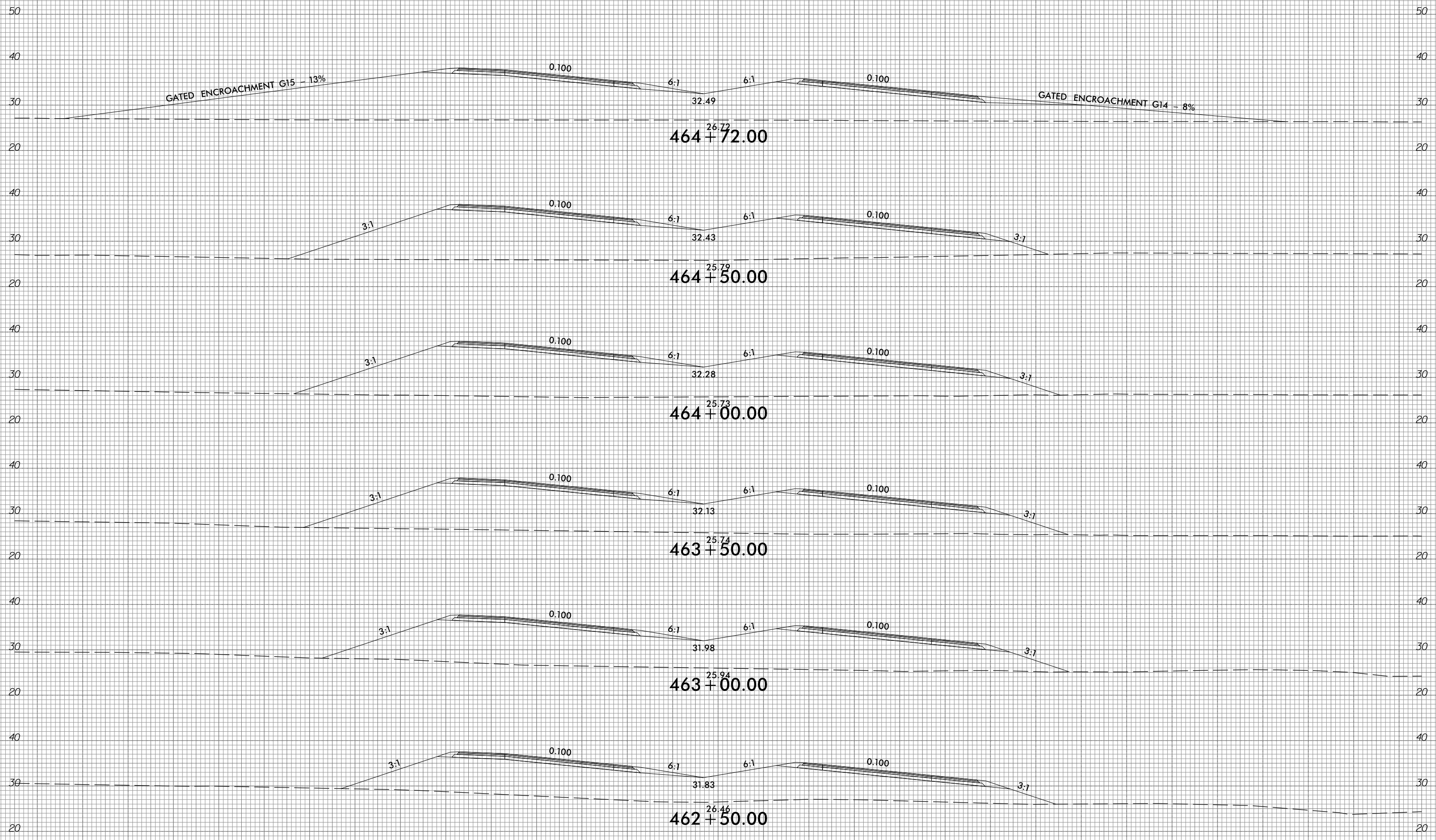
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-205

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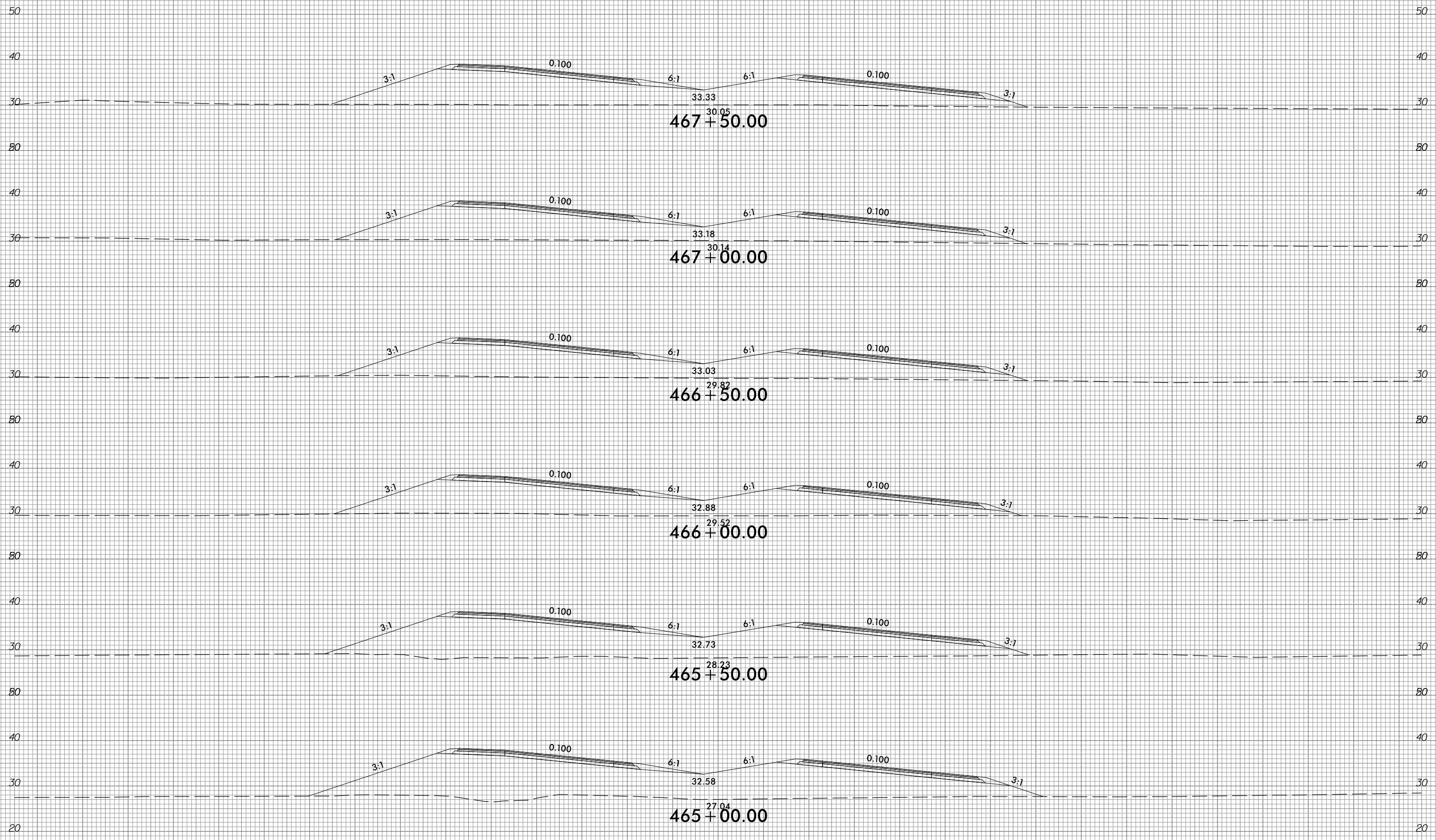
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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-206

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

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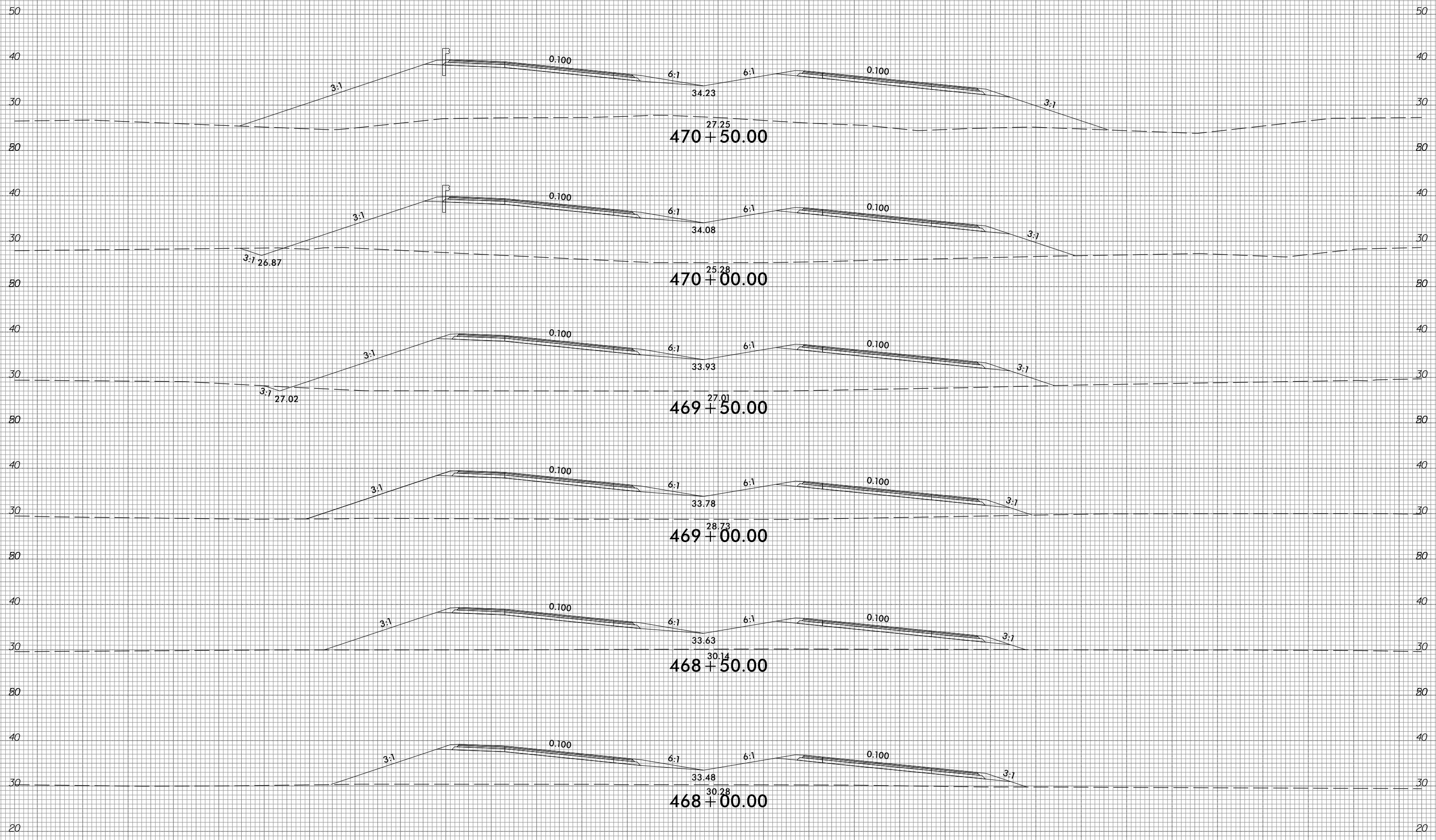
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PROJ. REFERENCE NO.	R-1015
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SHEET NO.	X-207
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470+50.00

470+00.00

469+50.00

469+00.00

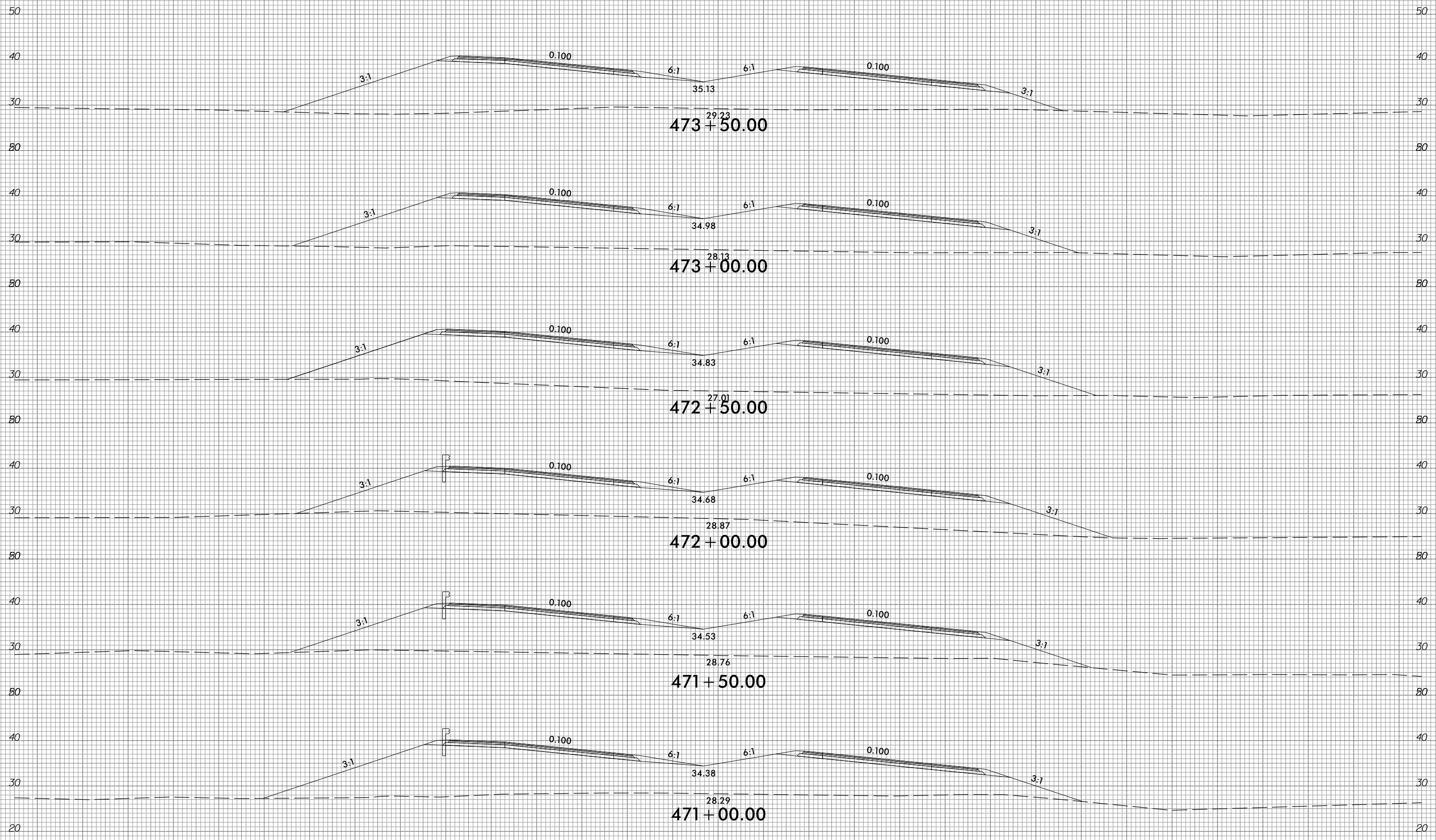
468+50.00

468+00.00

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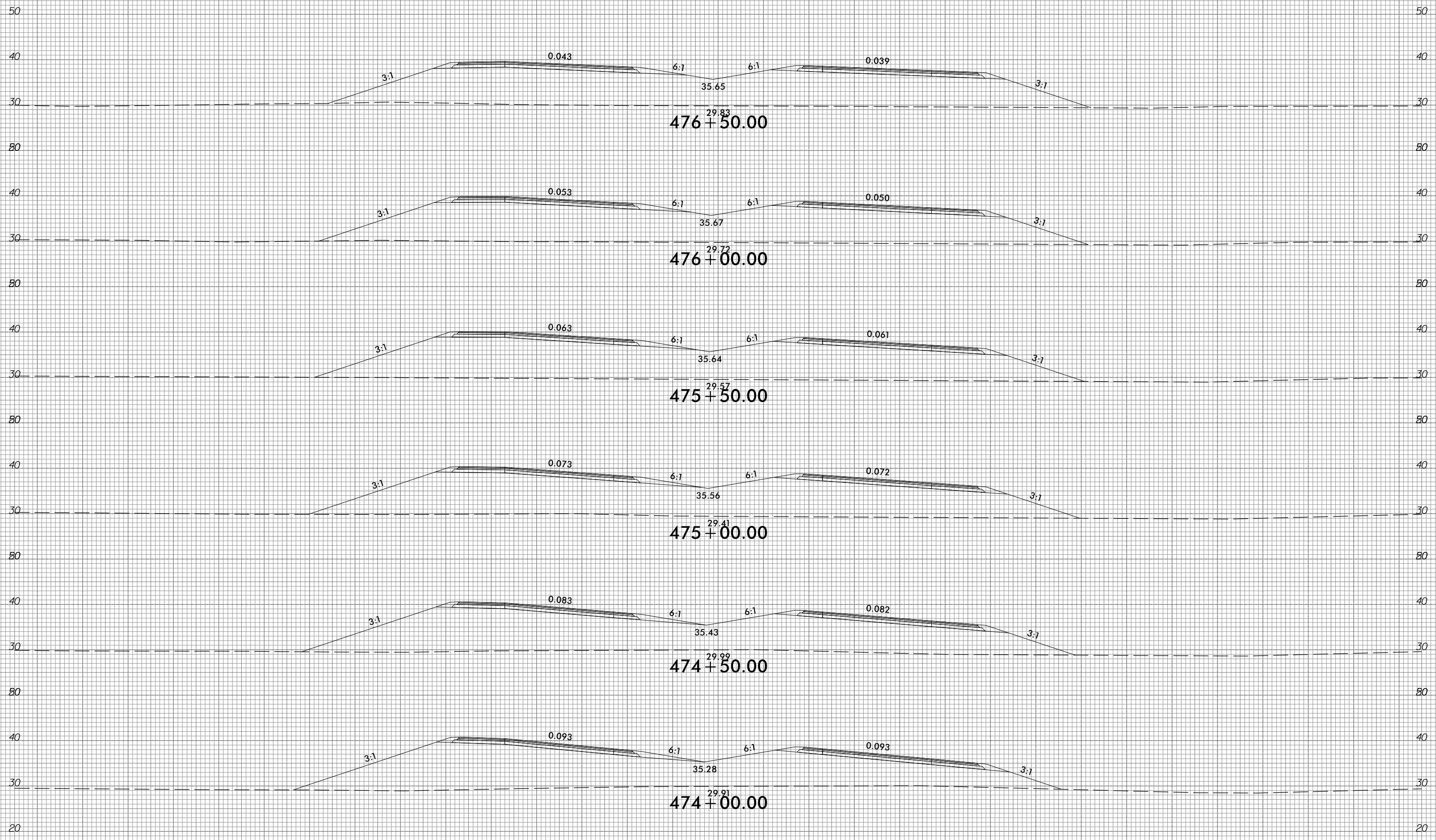
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-209

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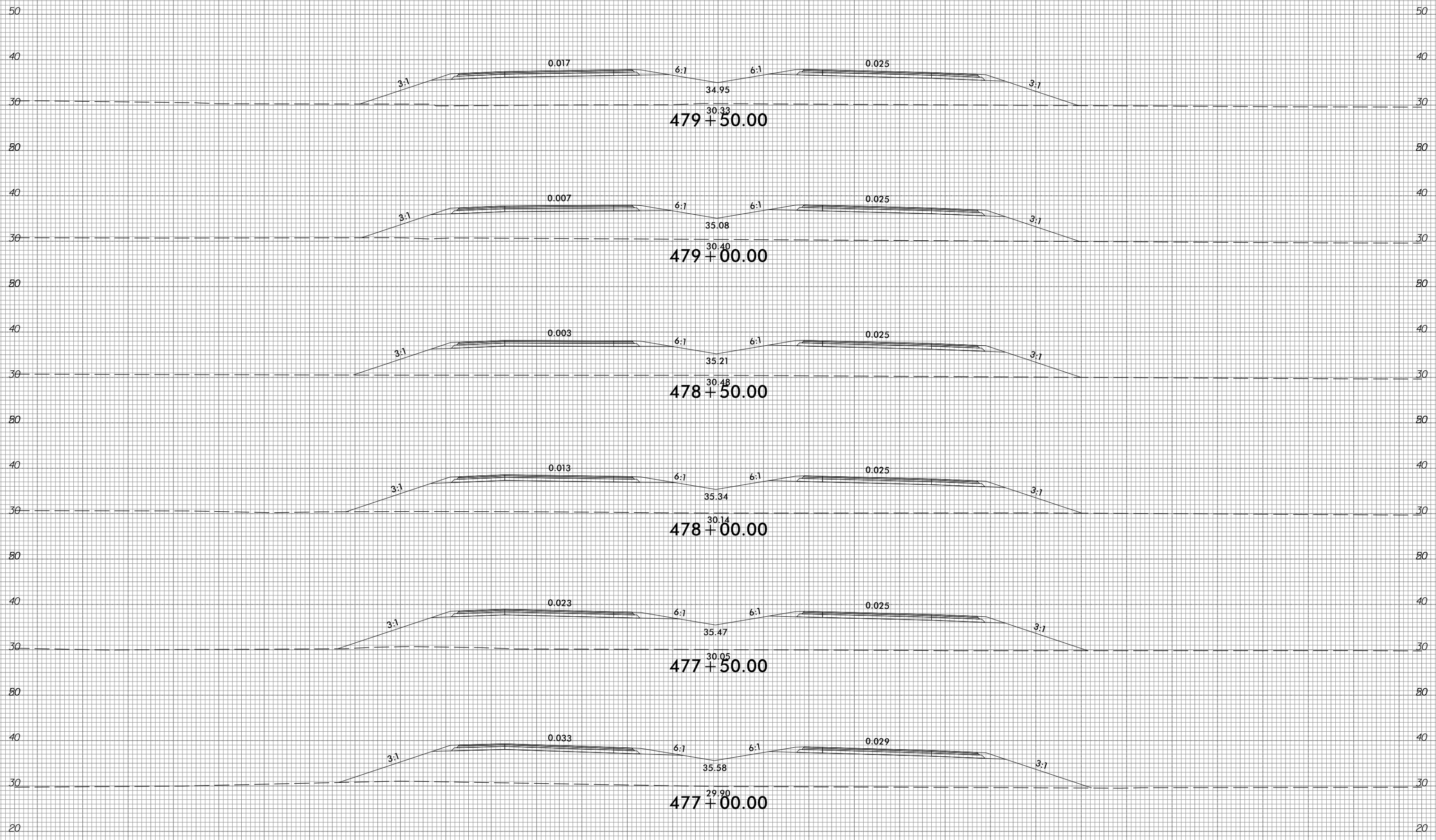
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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-210

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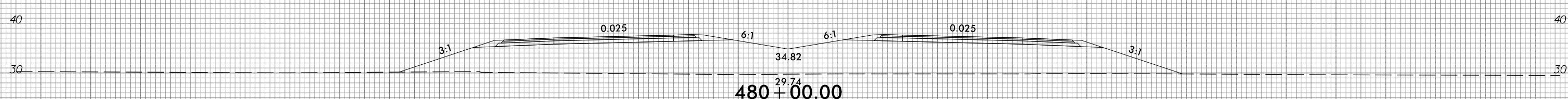
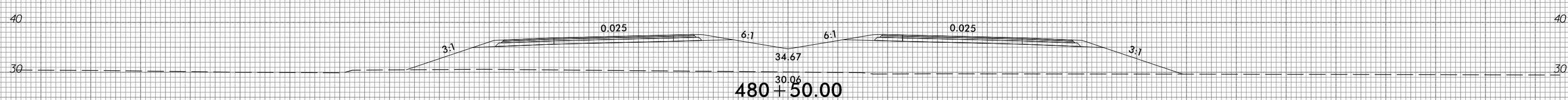
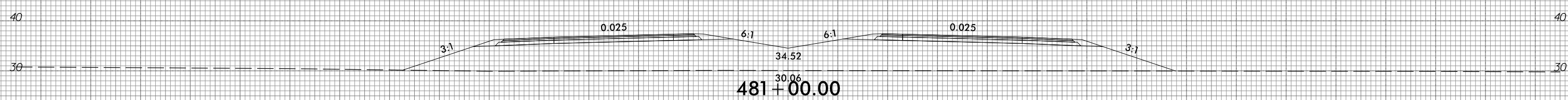
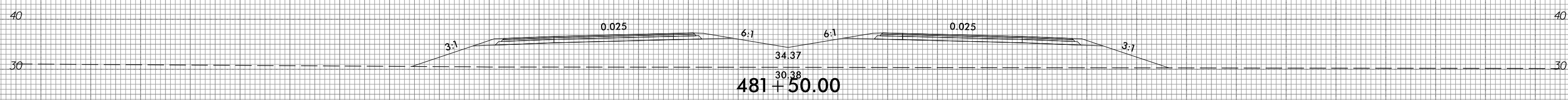
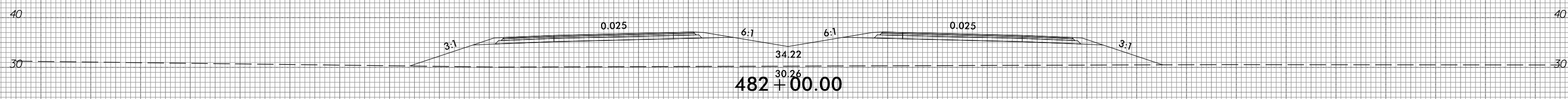
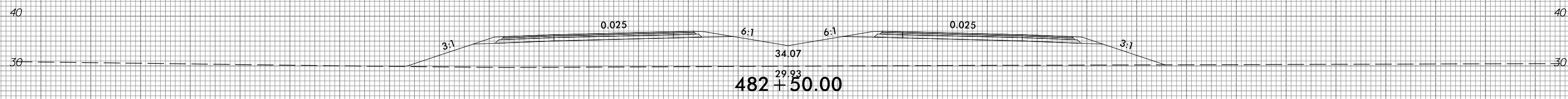


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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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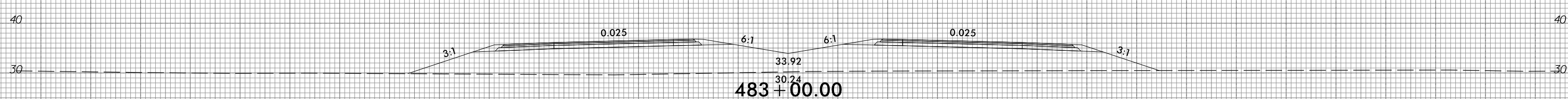
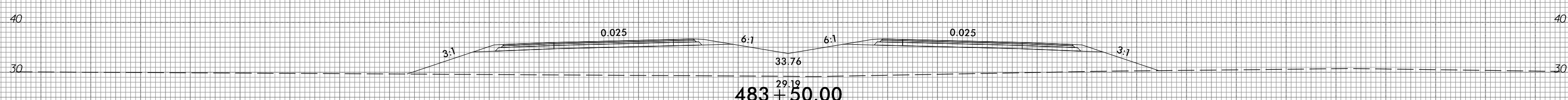
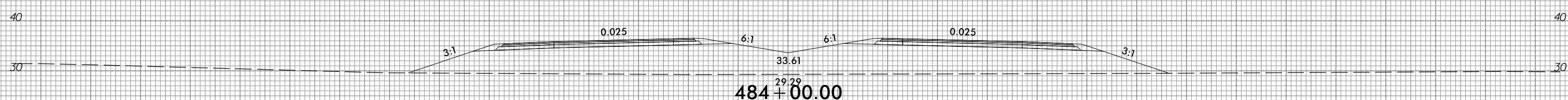
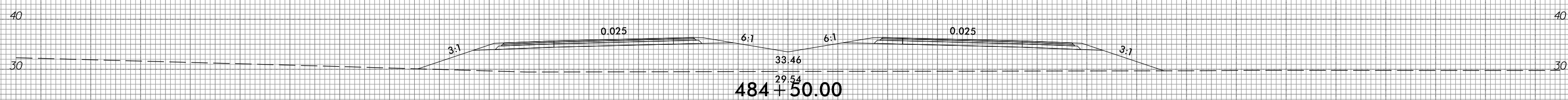
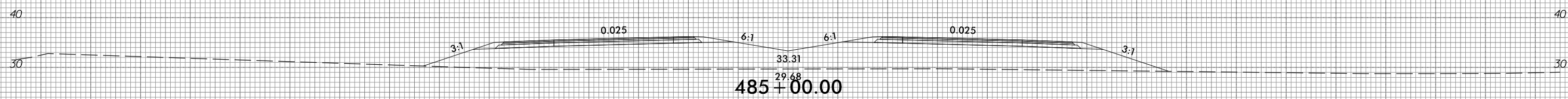
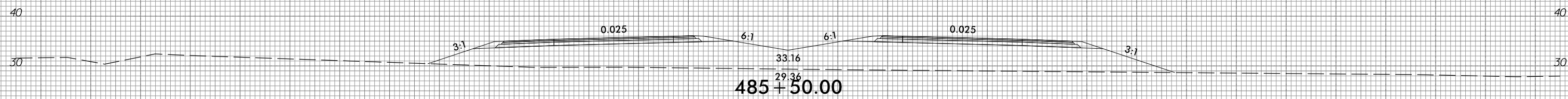
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-212

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gncdlin

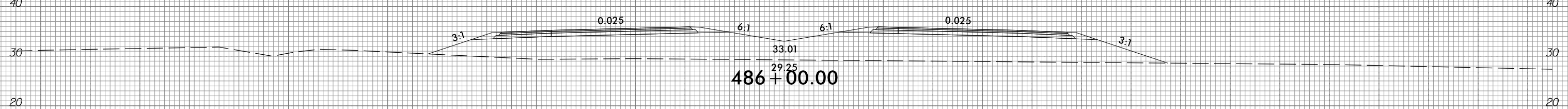
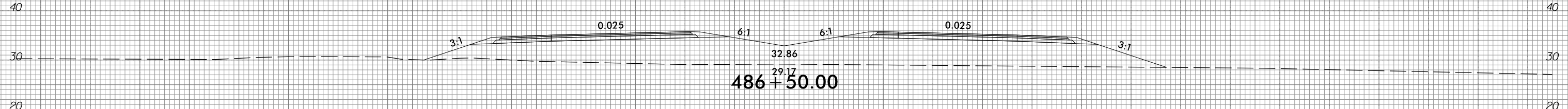
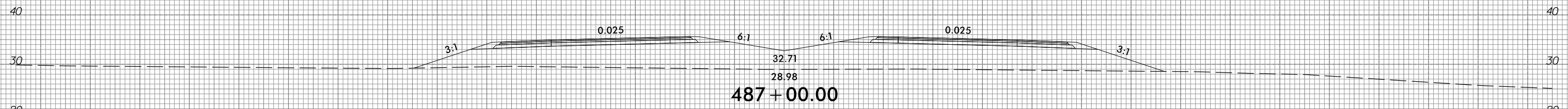
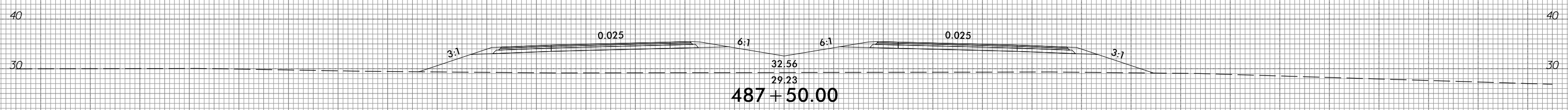
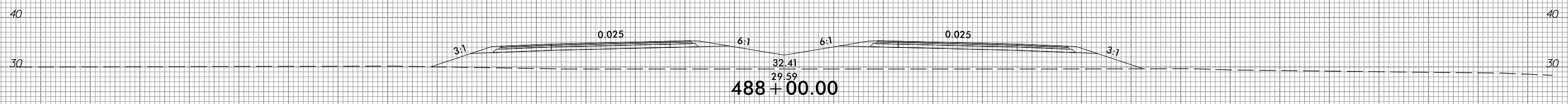
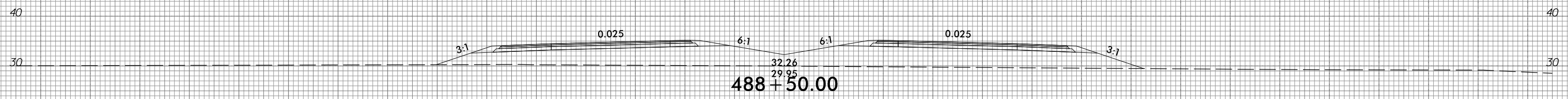
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-213

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



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

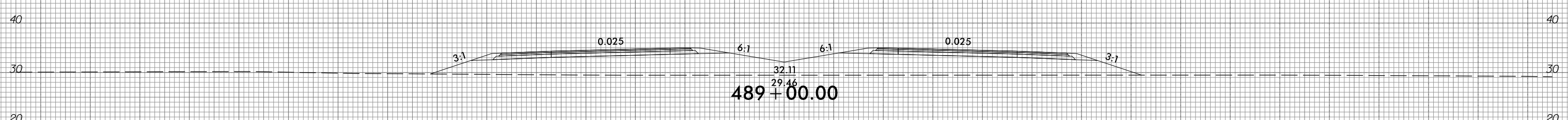
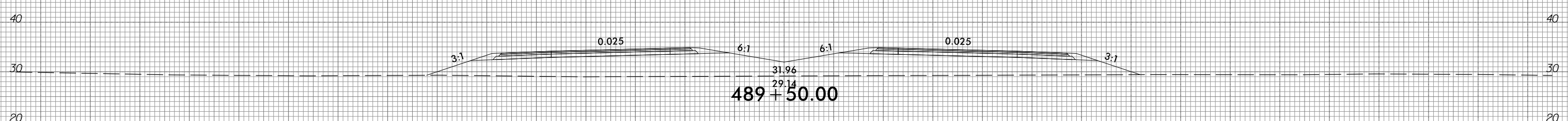
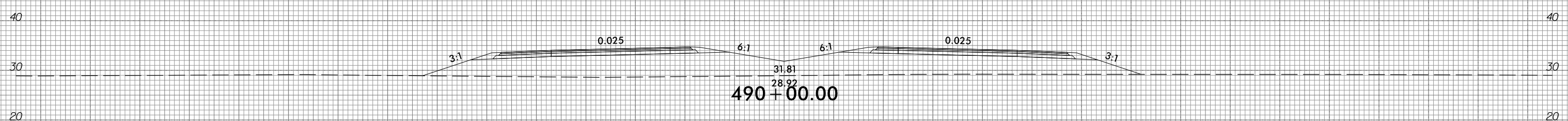
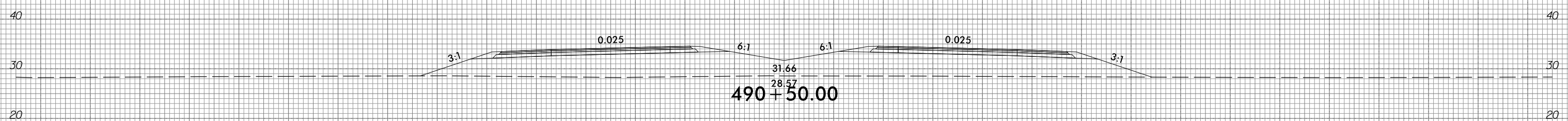
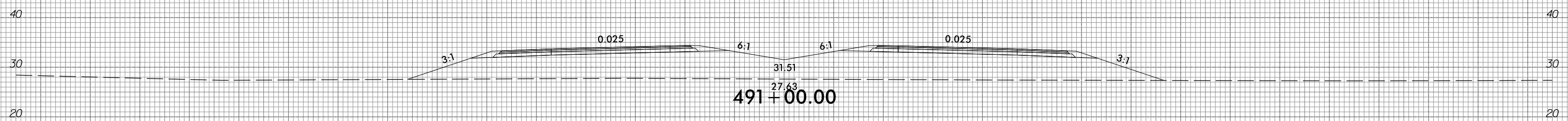
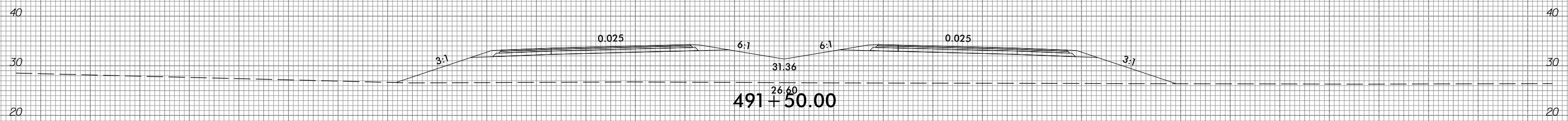
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gncdjin

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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-214

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



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

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 gmc31in

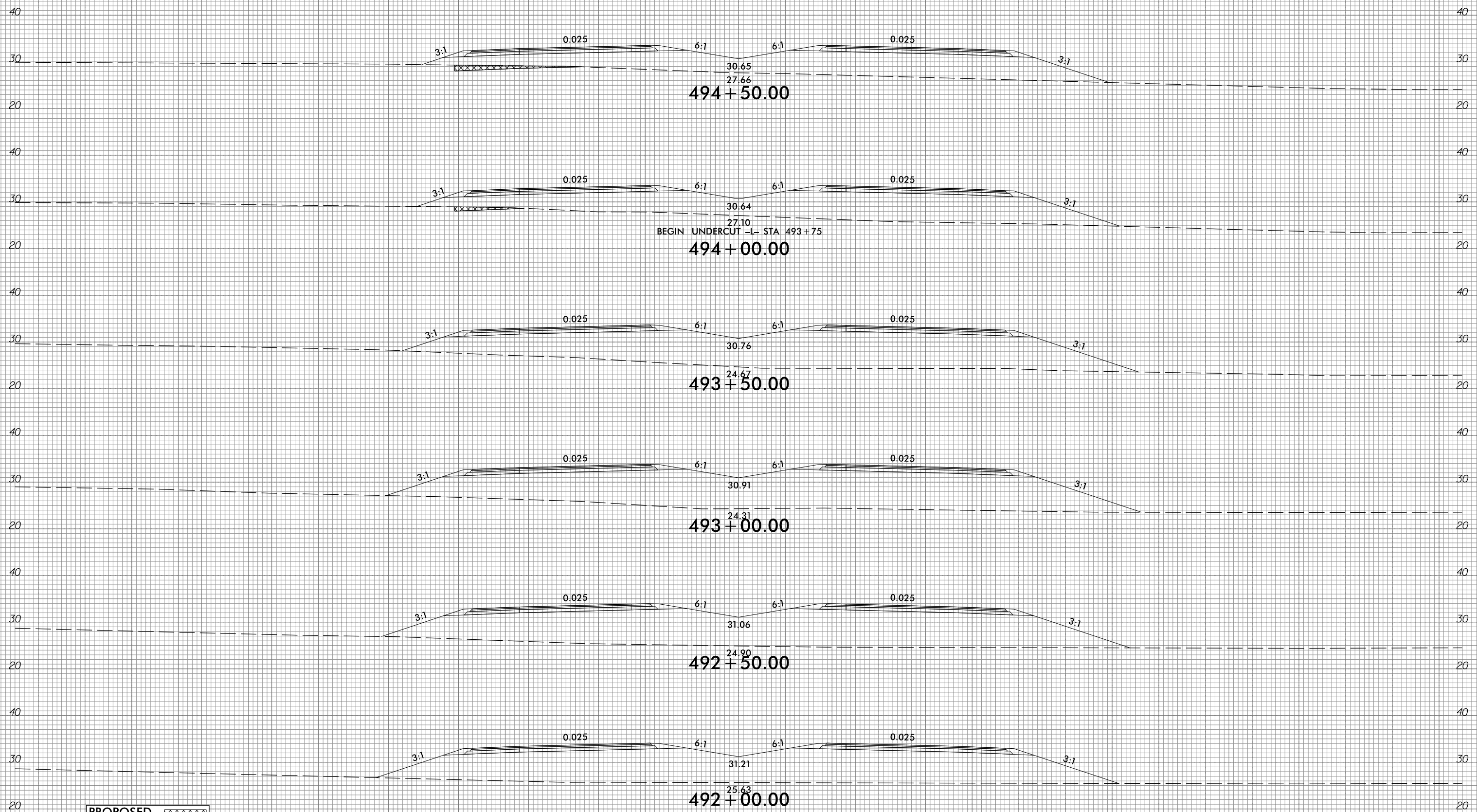
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-215

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



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gncdlin

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

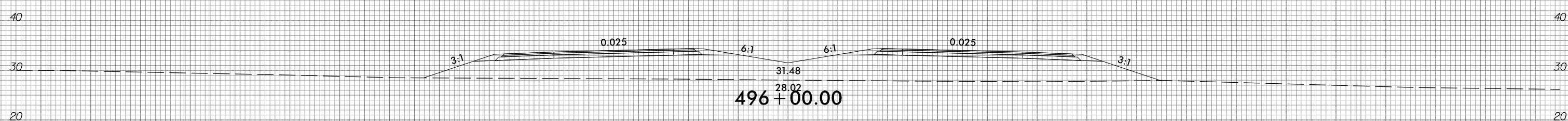
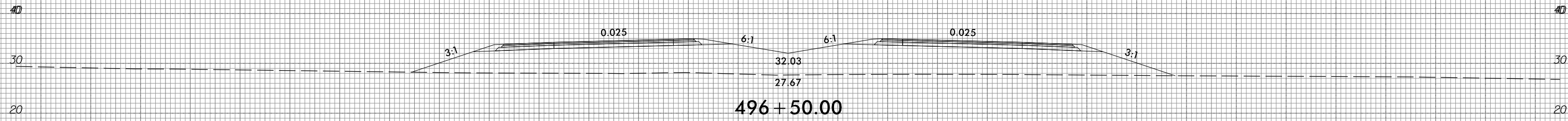
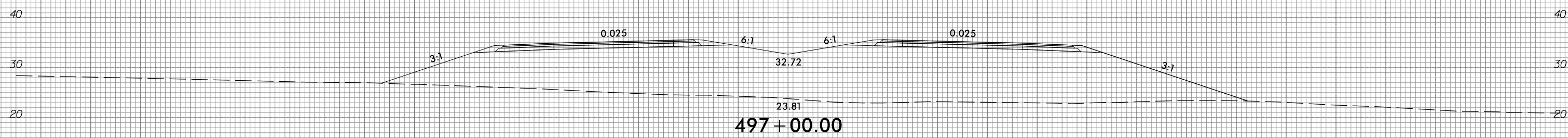
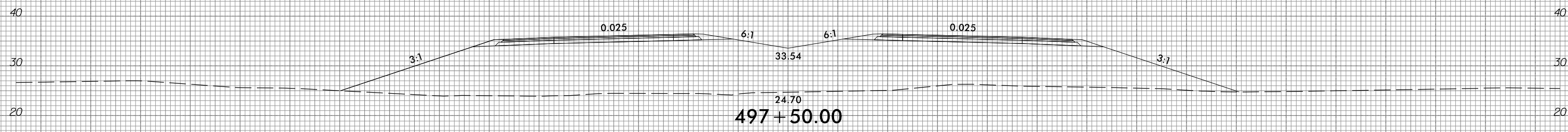
6/23/16



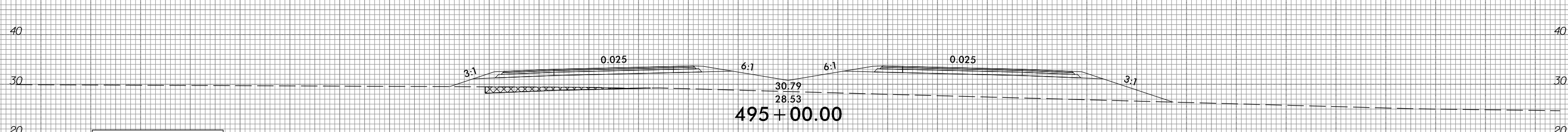
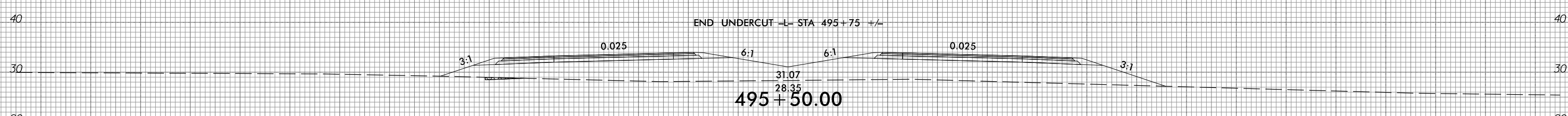
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-216

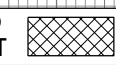
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



END UNDERCUT -L- STA 495+75 +/-



PROPOSED UNDERCUT



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

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gncdjin

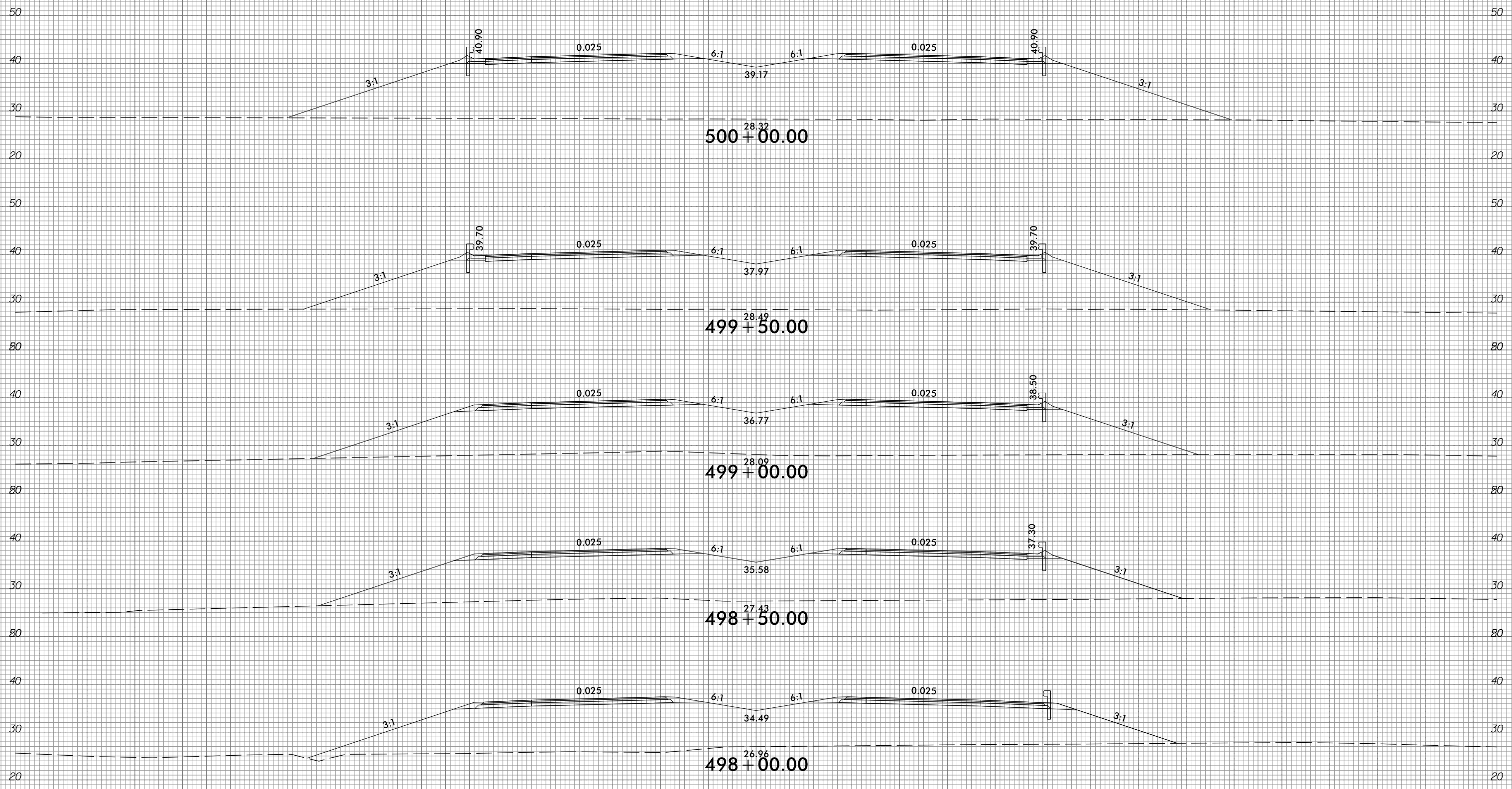
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-217

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



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gncdlin

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

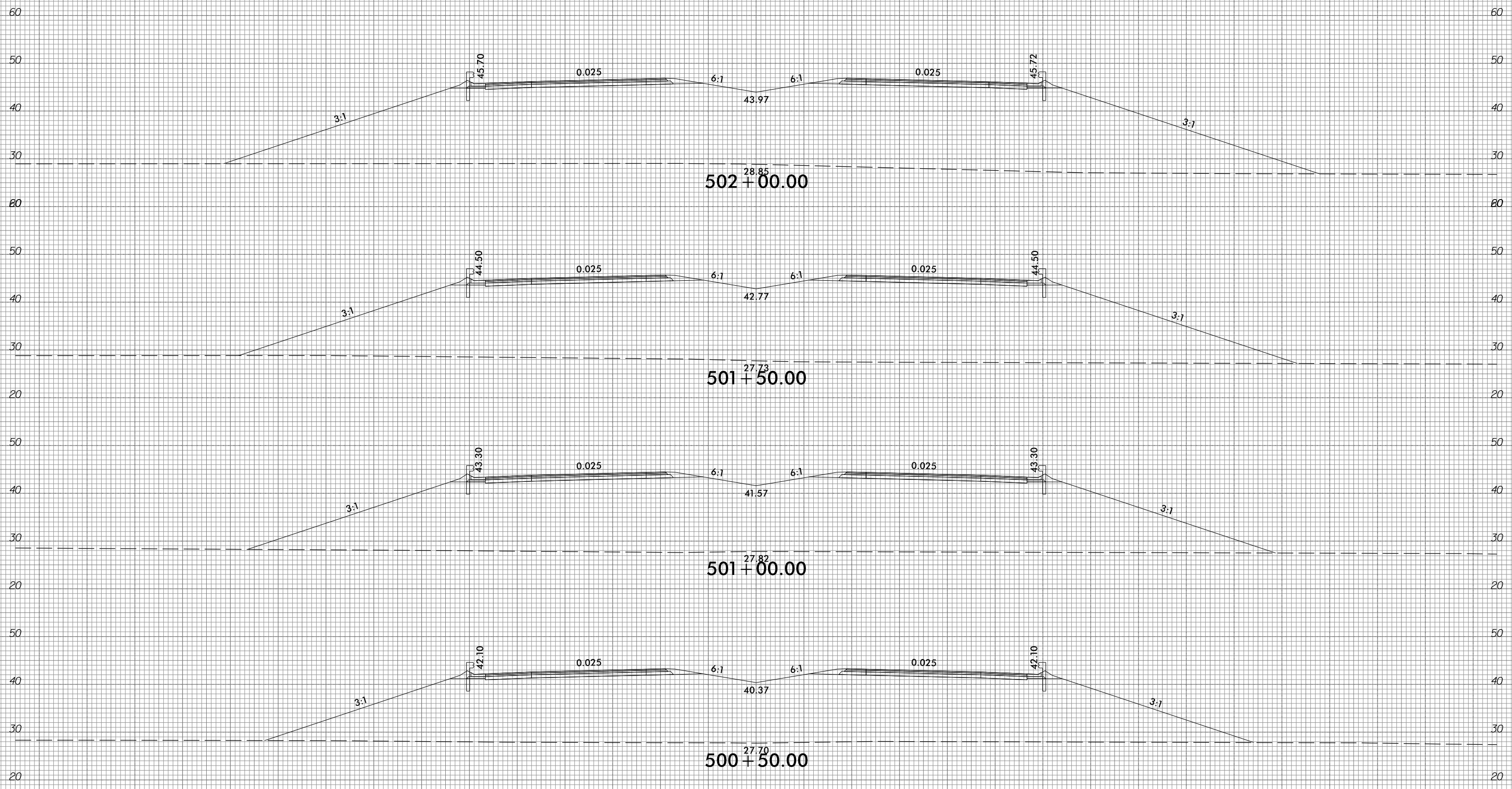
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-218

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

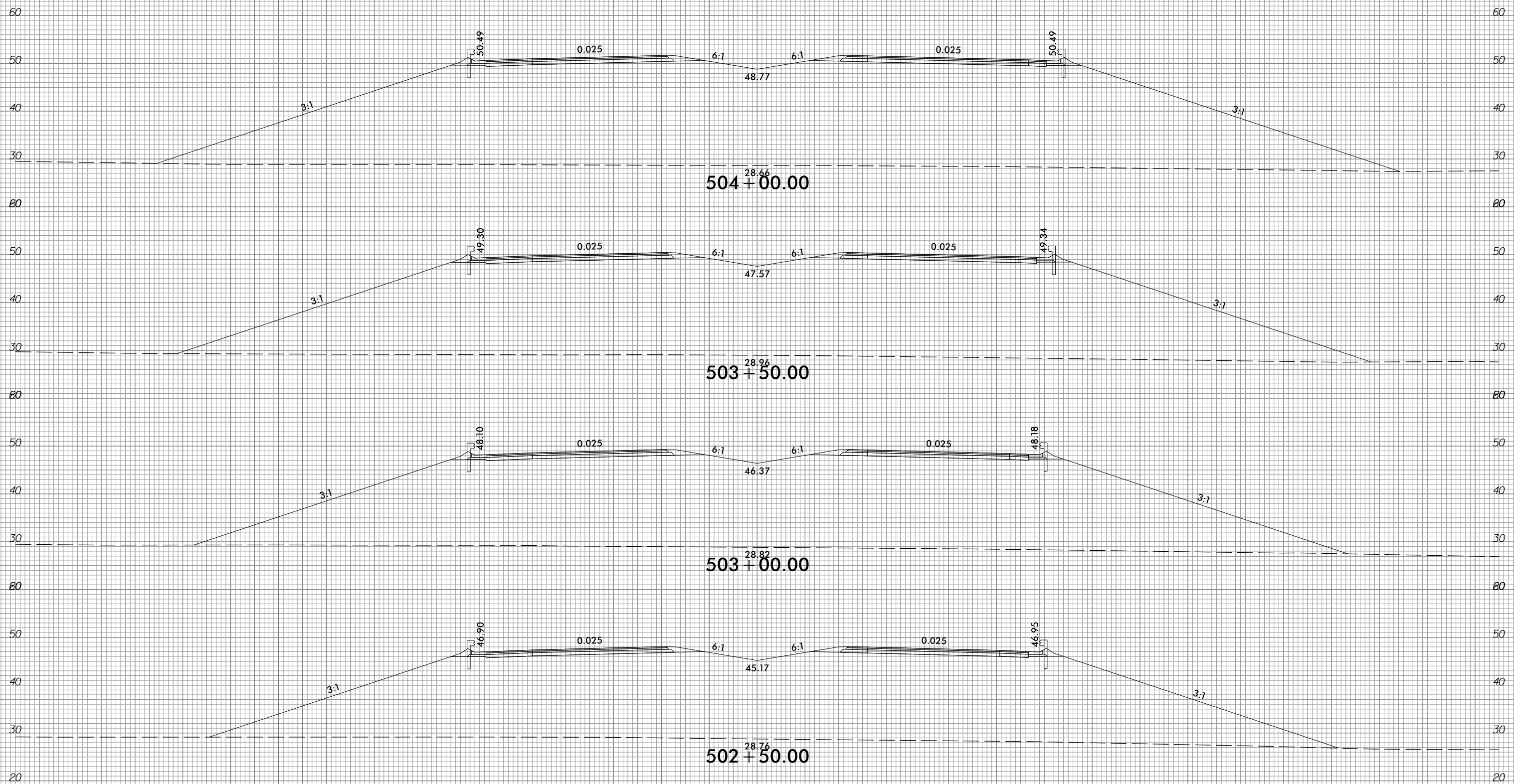


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gncdlin

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



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



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



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PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-220



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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-221

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

60

50

40

30

20

10

0

10

20

30

40

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70

80

90

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60

50

40

30

20

10

0

10

20

30

40

50

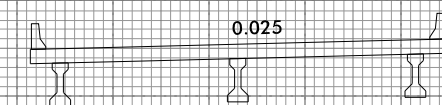
60

70

80

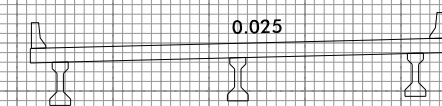
90

100



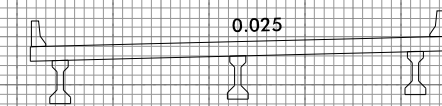
0.025

22.88  
506+02.68



0.025

29.98  
505+78.12



0.025

28.03

505+53.56

0

10/31/2016  
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gncdjin



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



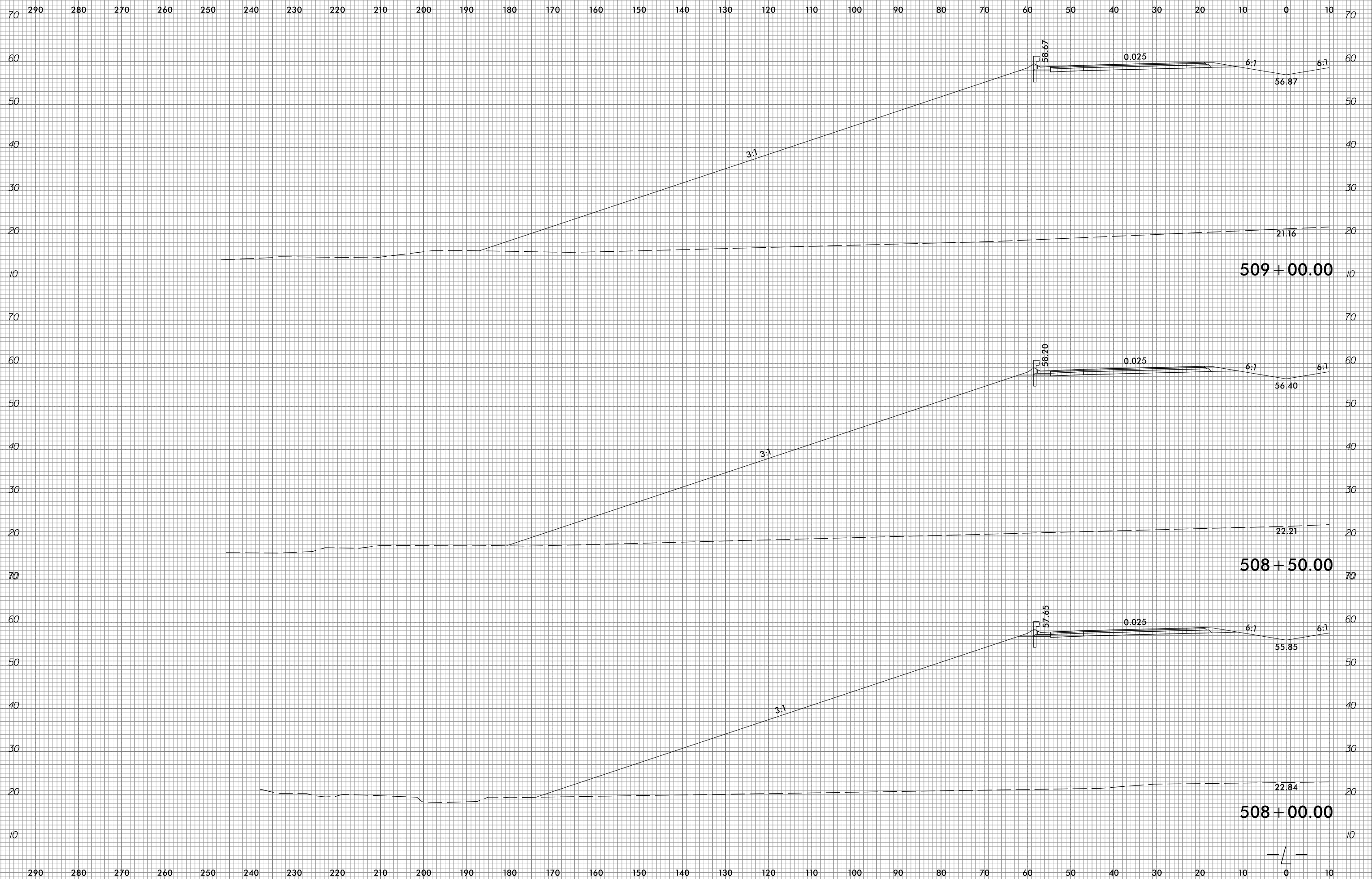
290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-223



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gncdlin

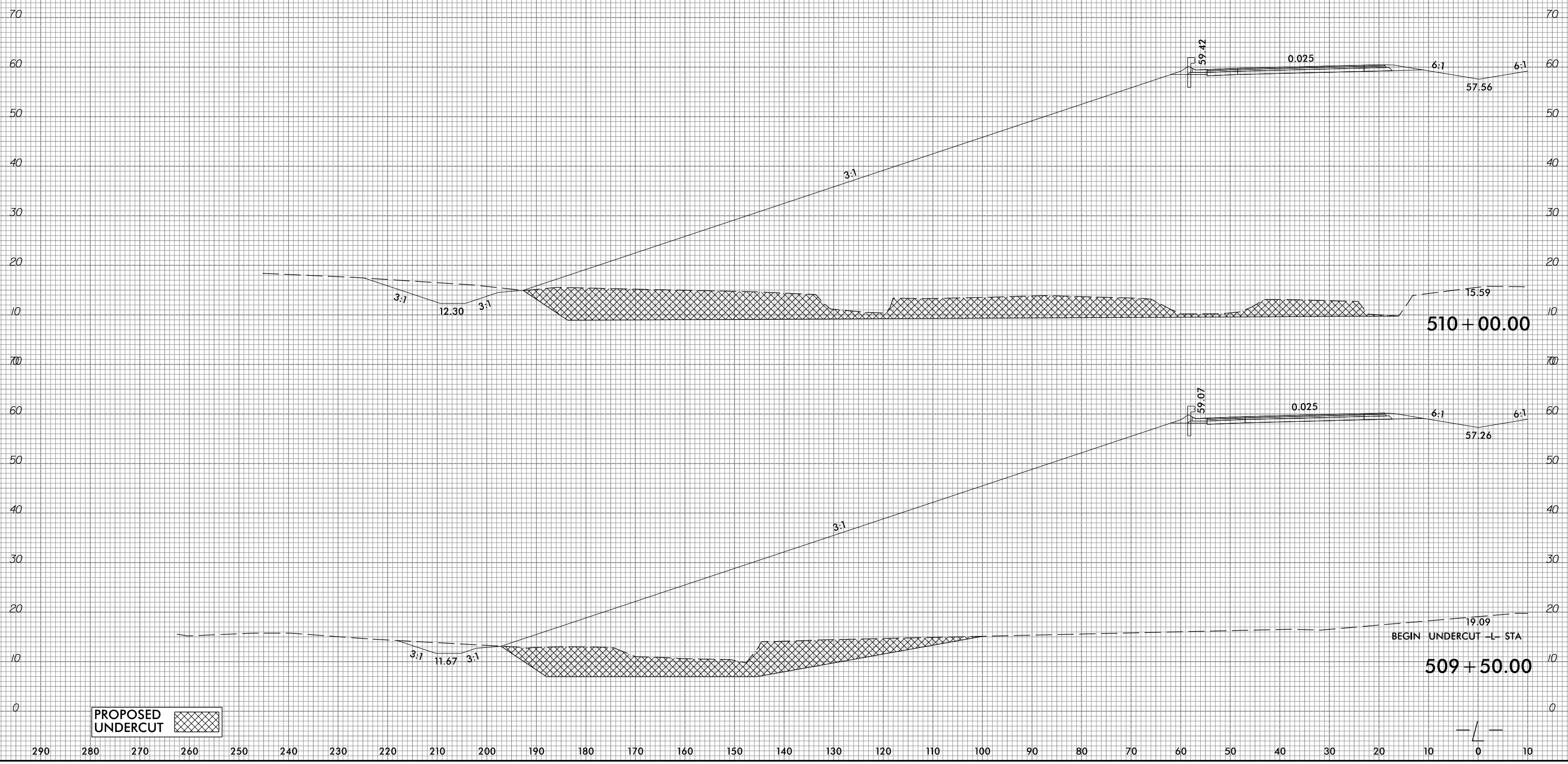
6/23/16



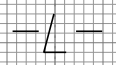
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-224

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



PROPOSED UNDERCUT



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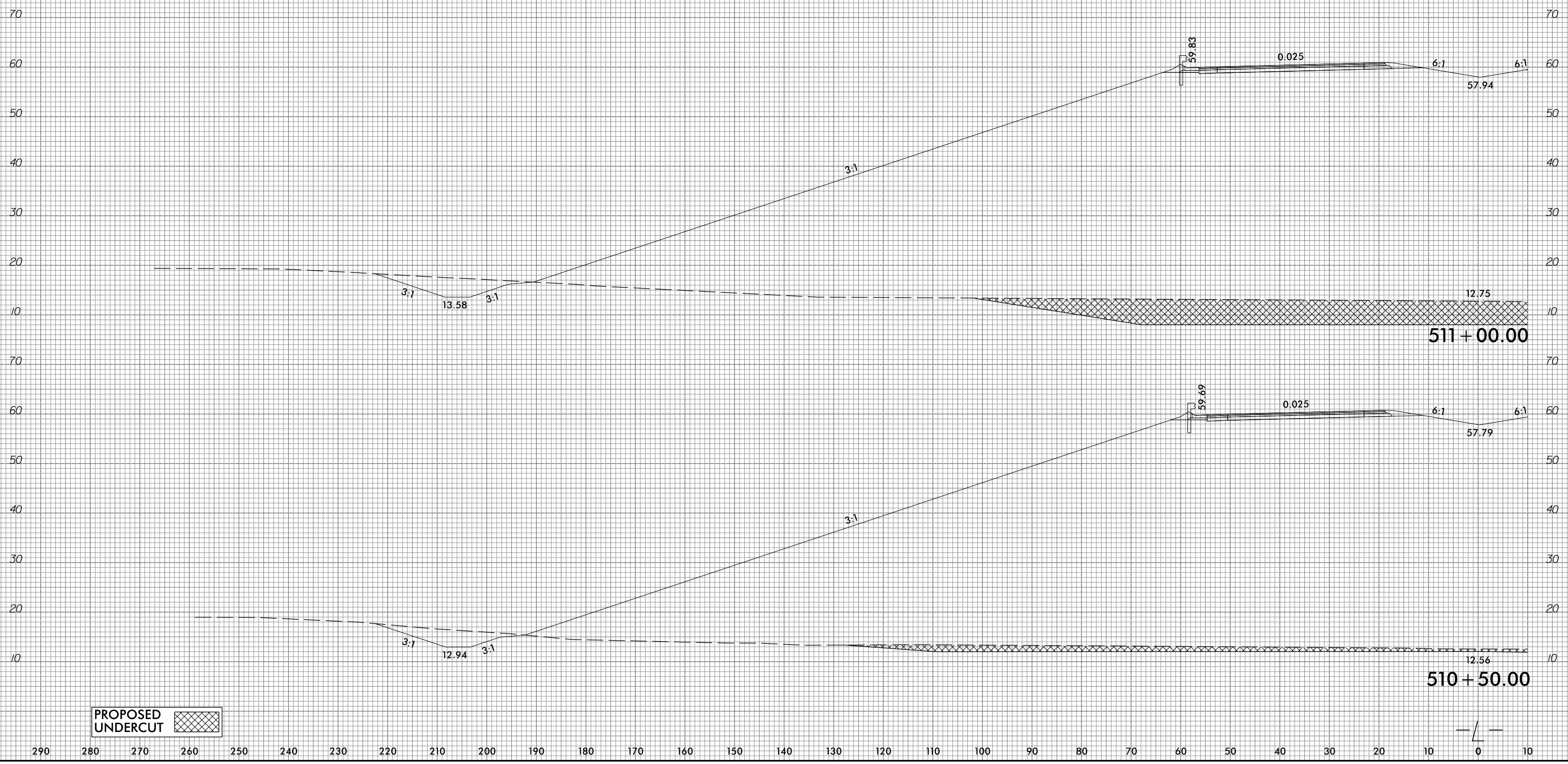
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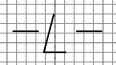
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-225

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PROPOSED UNDERCUT



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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gmc311

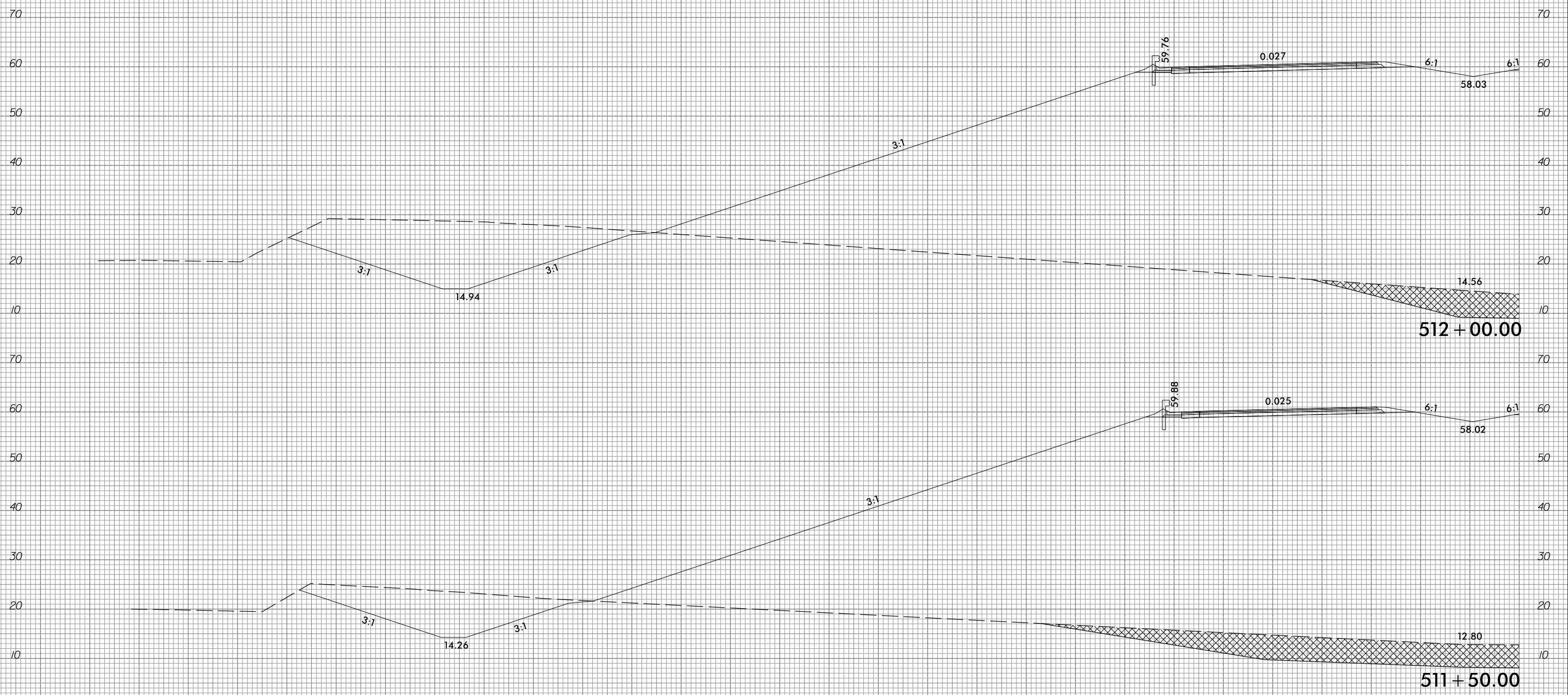
6/23/16



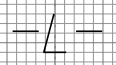
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-226

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



PROPOSED UNDERCUT



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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gmc311

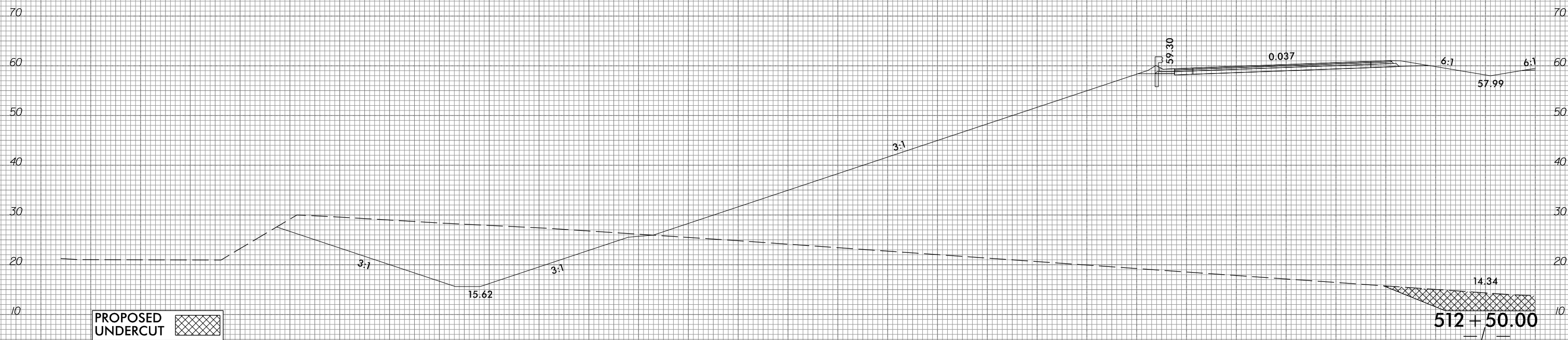
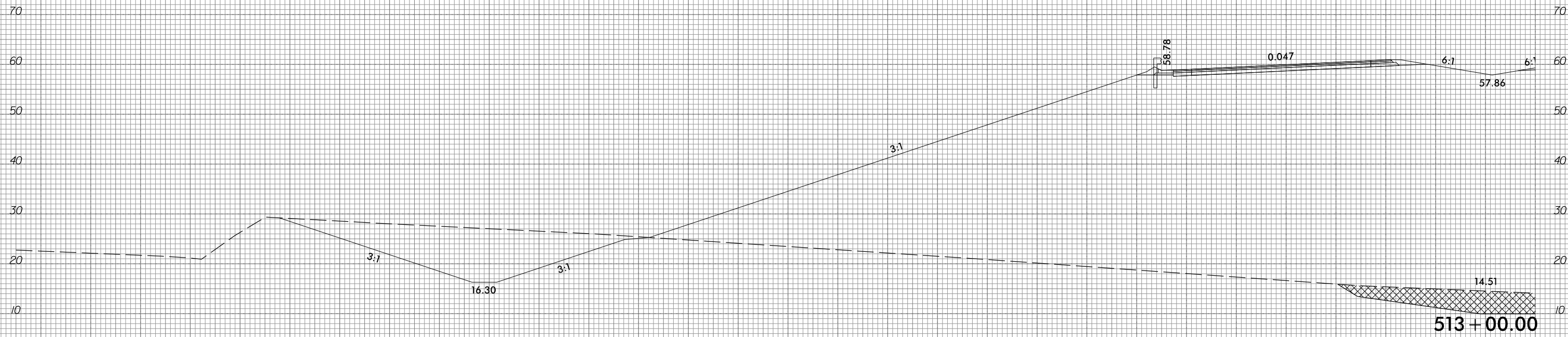
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-227

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



PROPOSED UNDERCUT

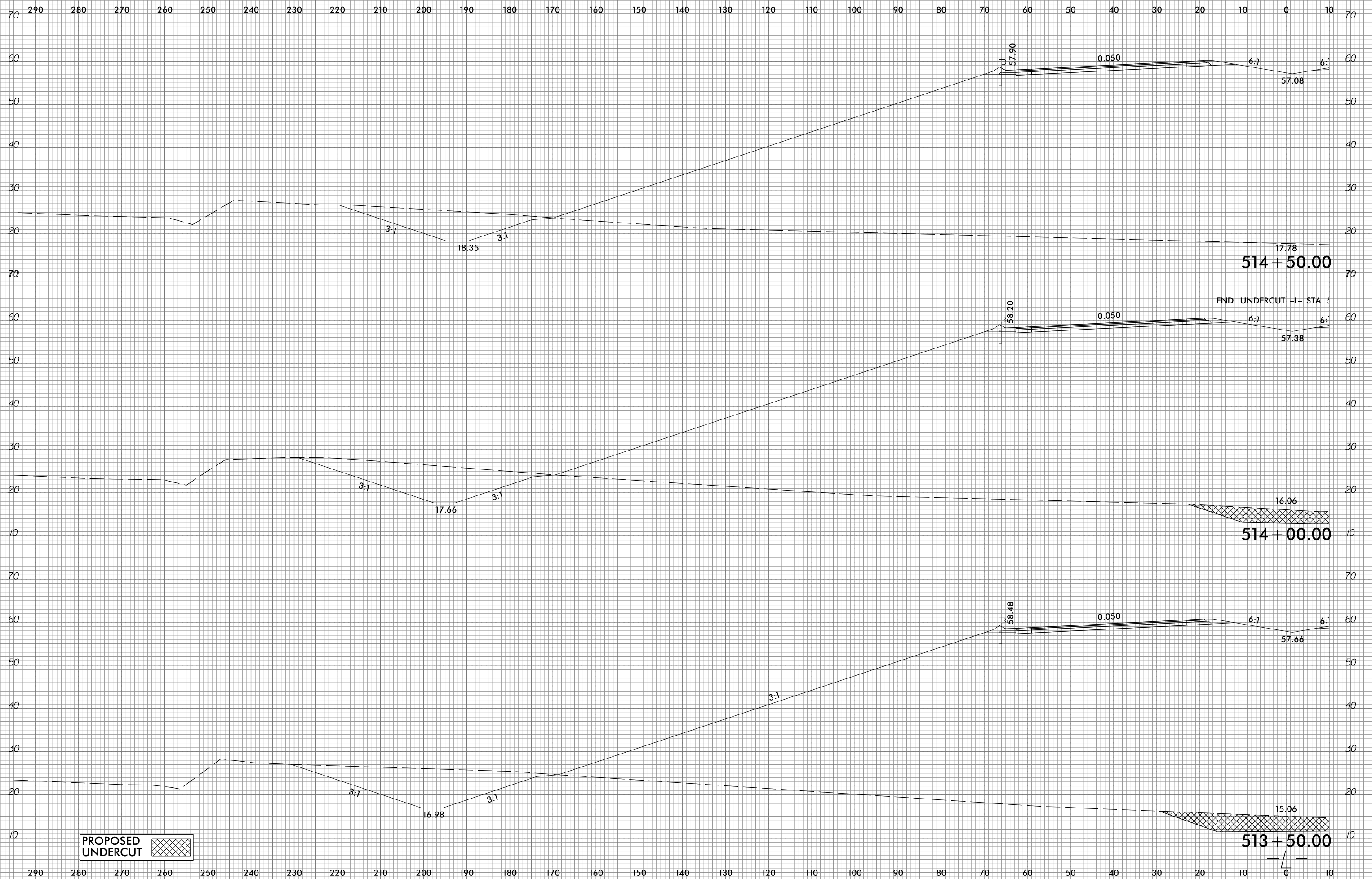
10/31/2018  
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gncdjin



6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-228

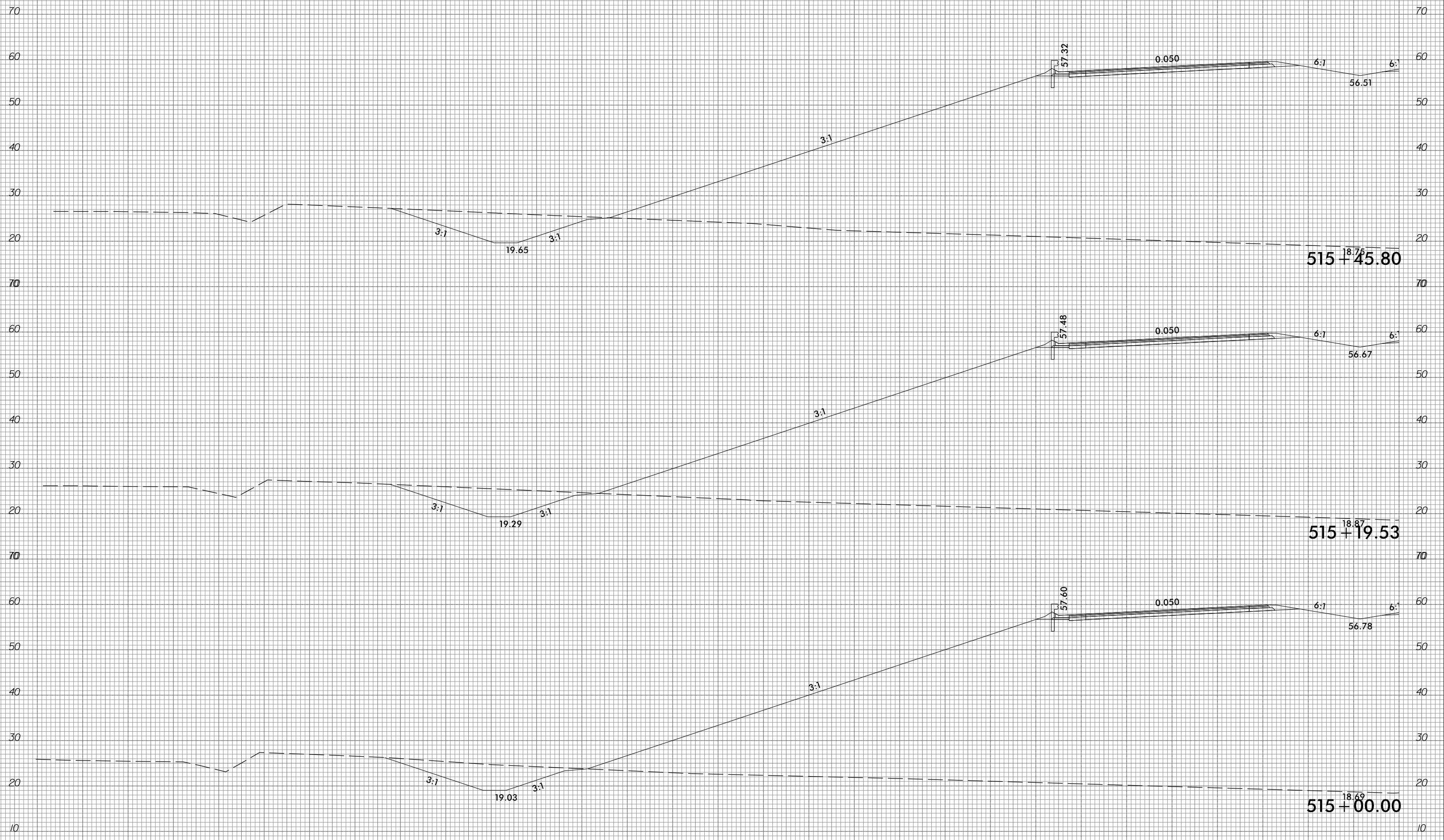


PROPOSED UNDERCUT

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 gmc311



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



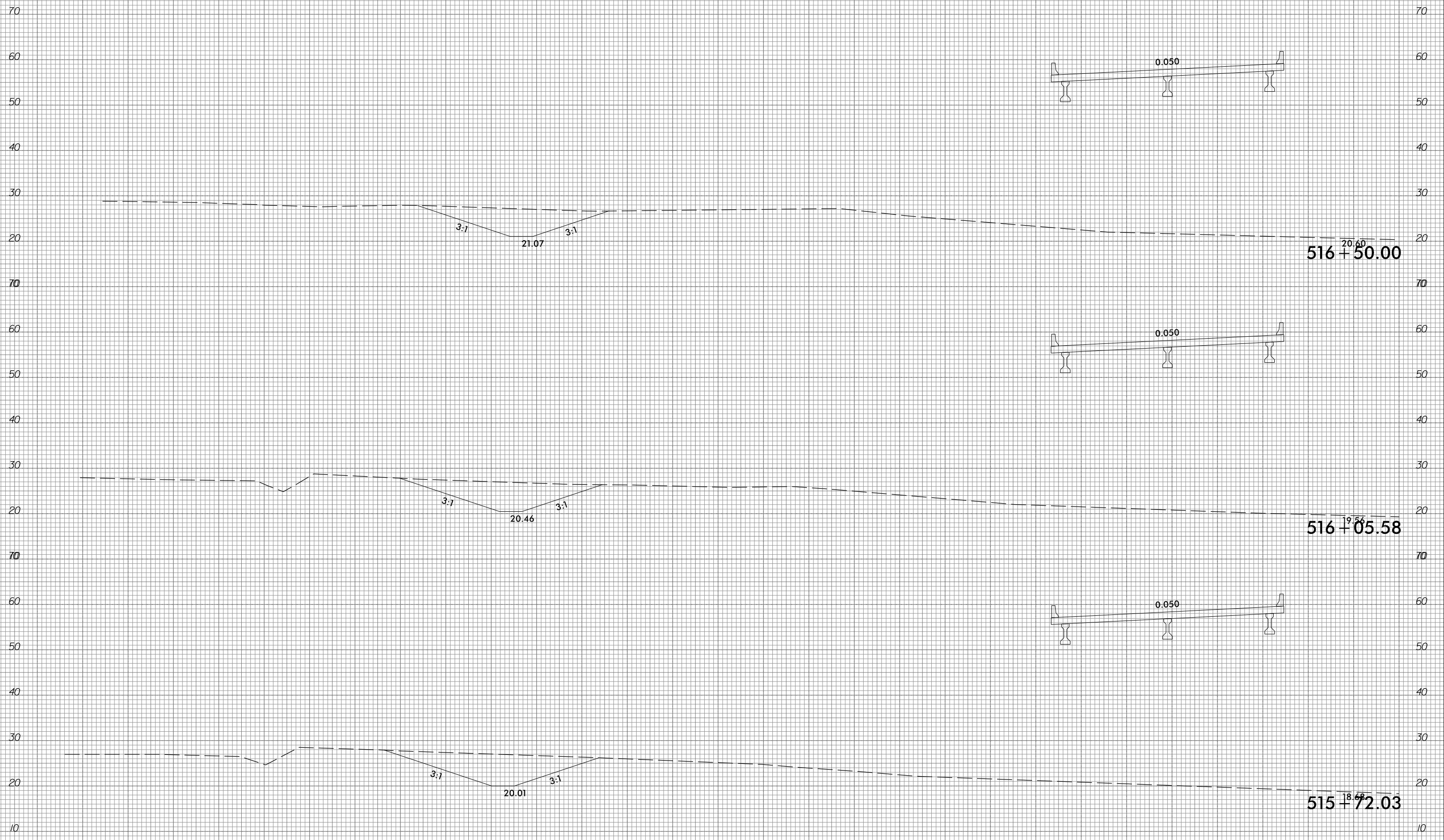
290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-230

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
 gmc311

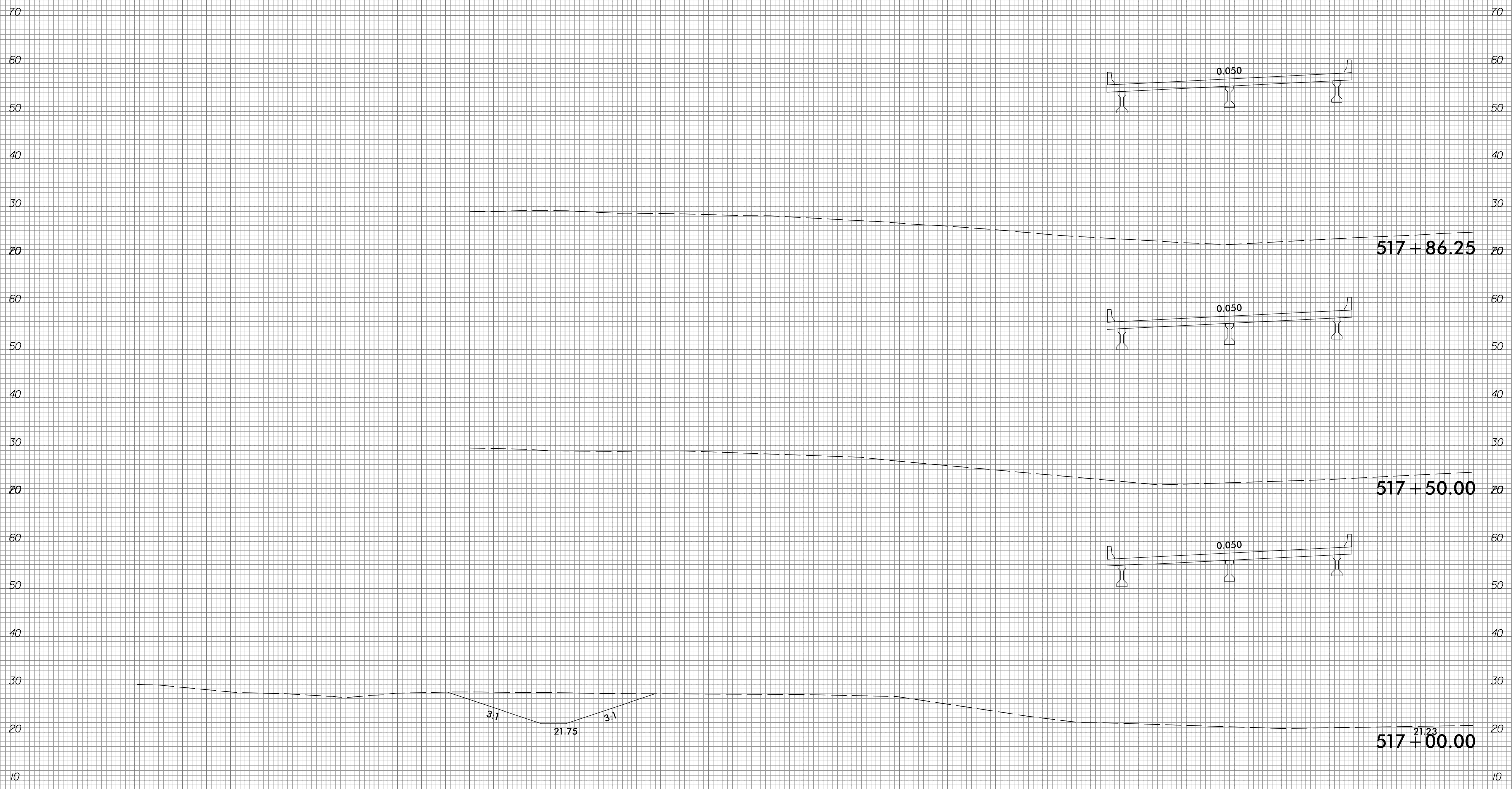
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-231

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



517 + 86.25

517 + 50.00

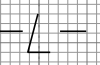
517 + 00.00

3:1  
21.75  
3:1

0.050

0.050

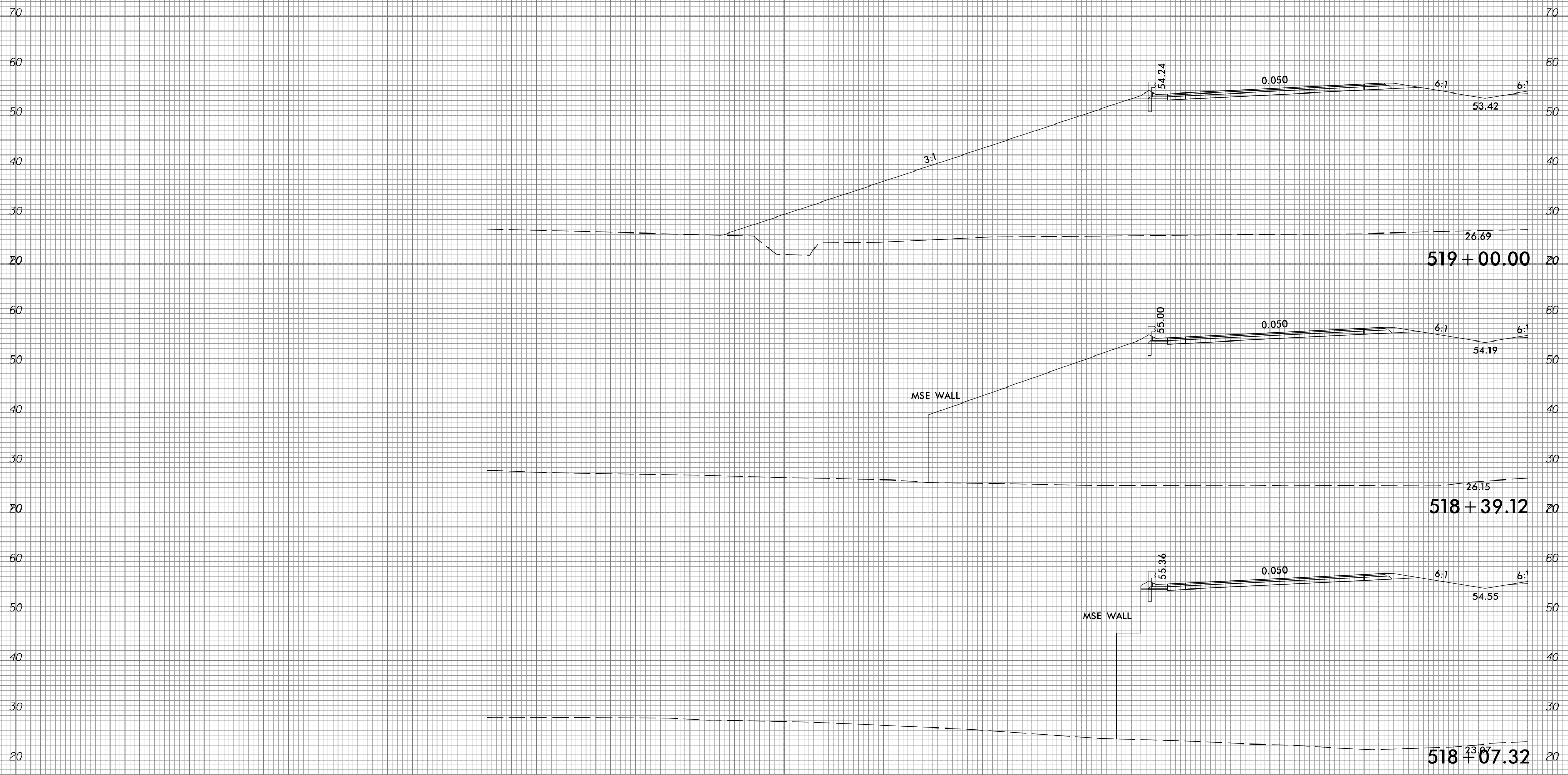
0.050



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gncdlin



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



MSE WALL

MSE WALL

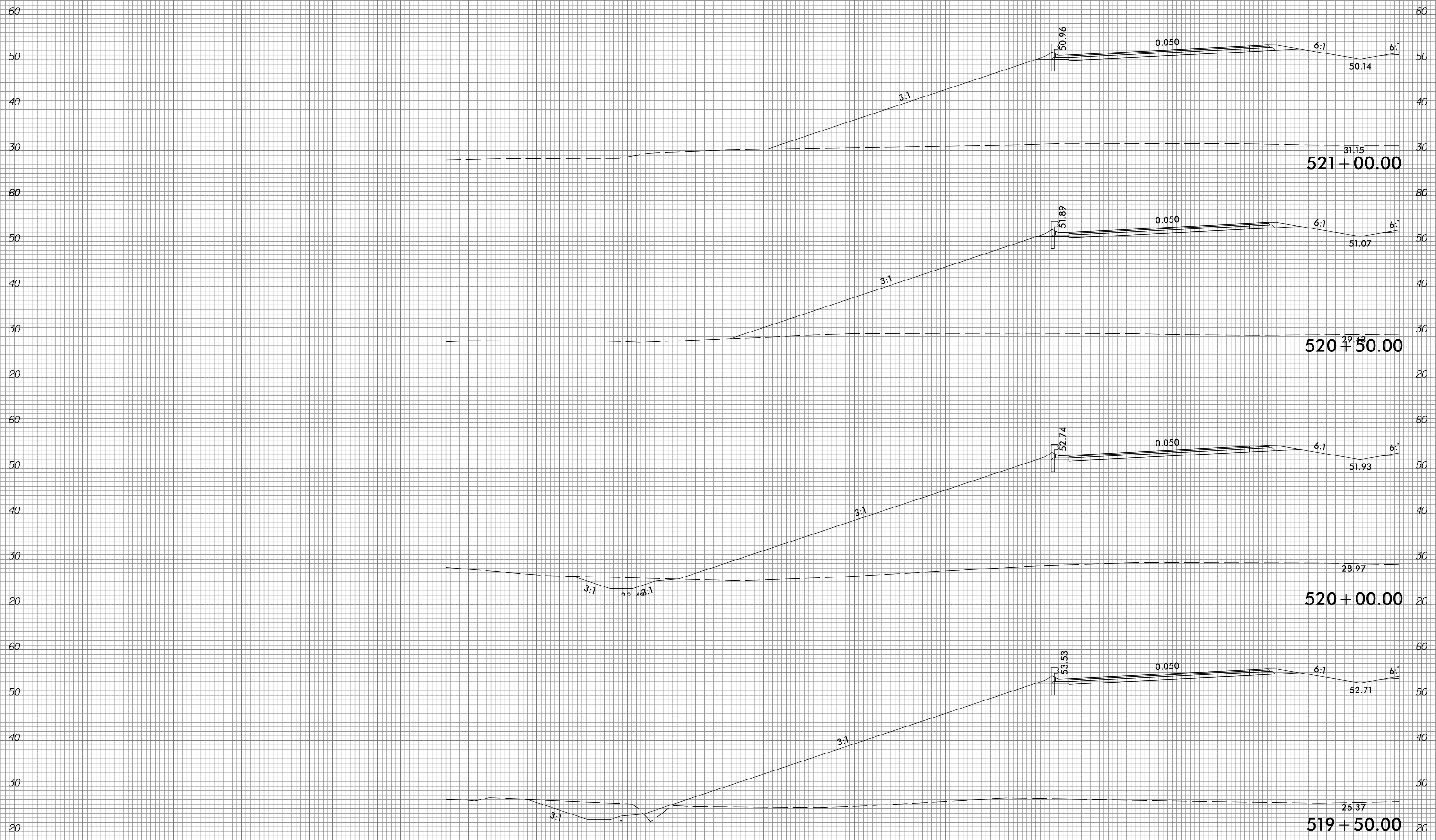
290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-233

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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 gmc311

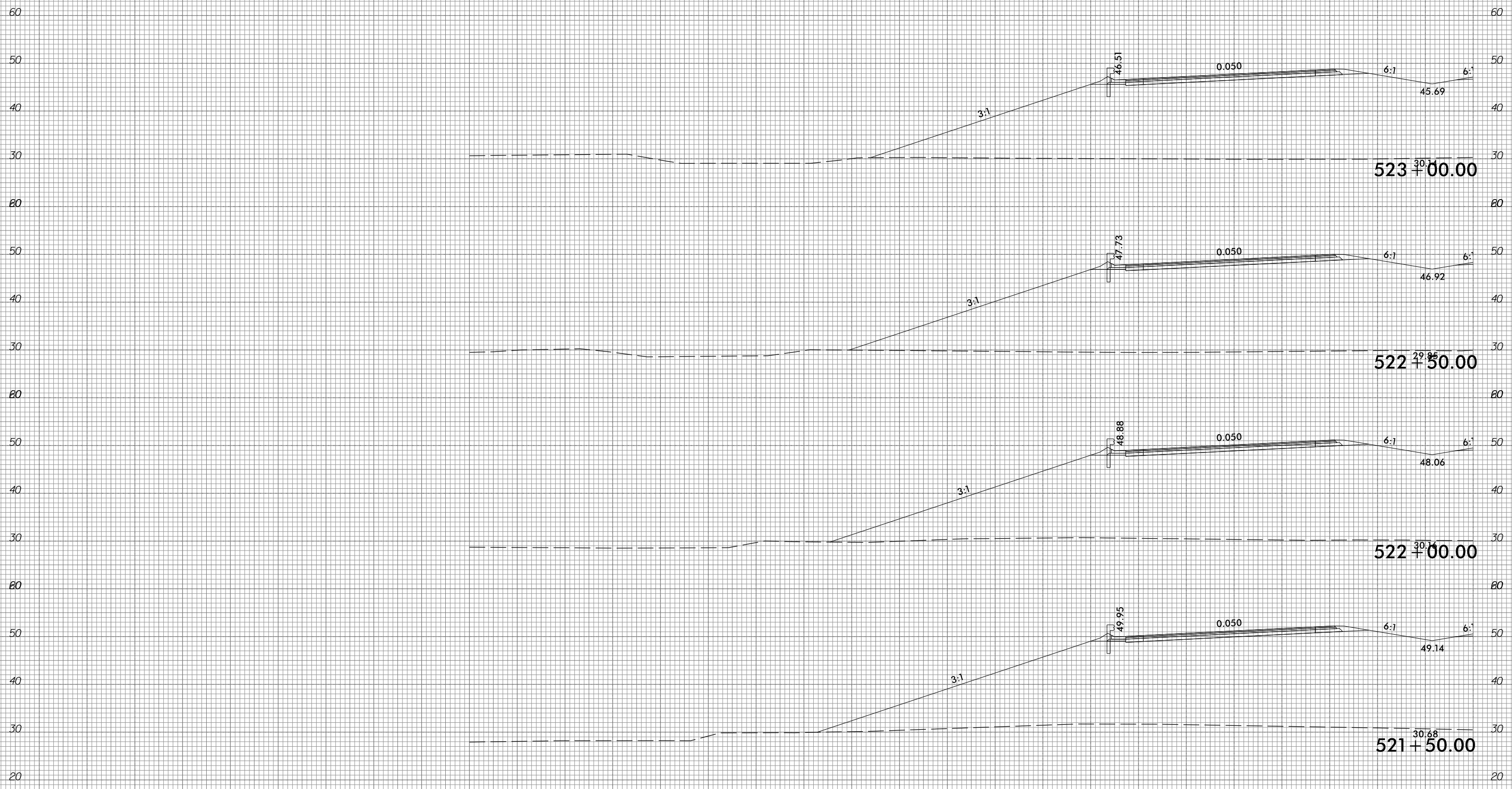
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-234

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2016  
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gncdlin

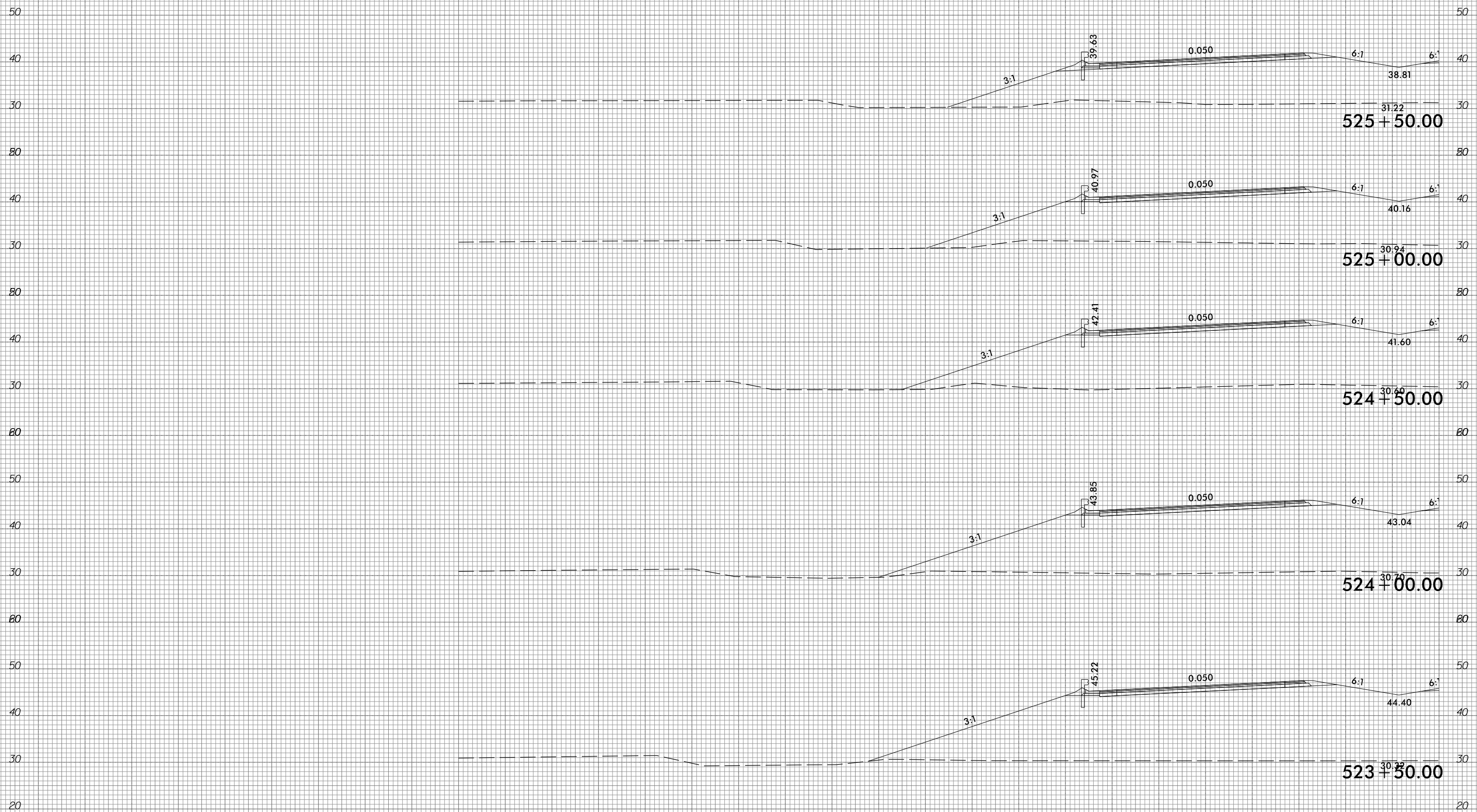
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-235

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn  
gncdlin



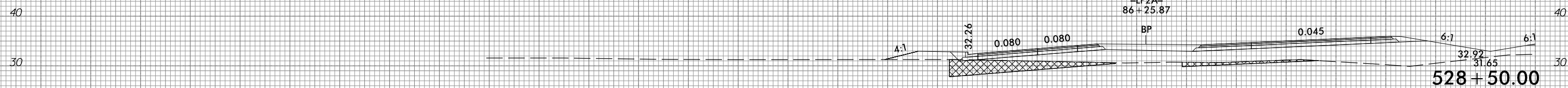
6/23/16



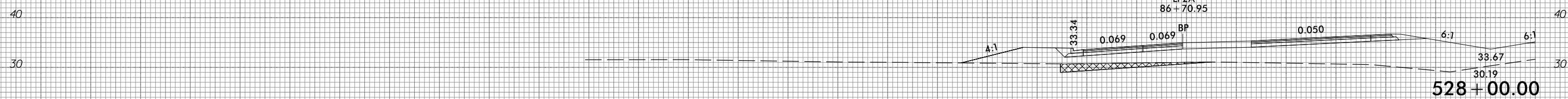
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-236

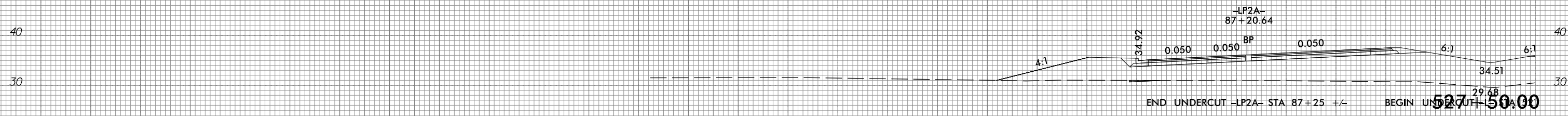
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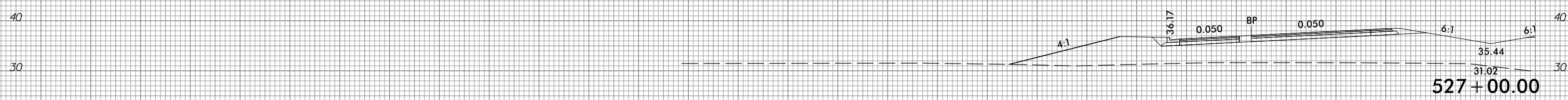
528+50.00



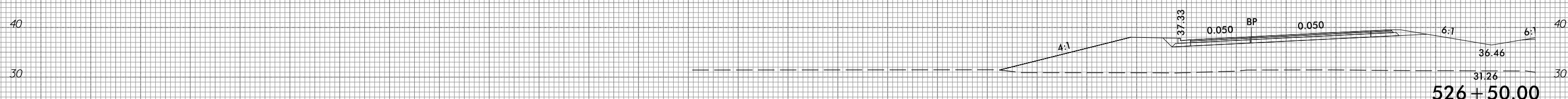
528+00.00



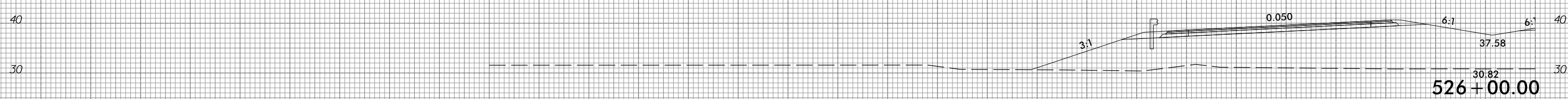
527+50.00



527+00.00



526+50.00



526+00.00

PROPOSED UNDERCUT

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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gncdjin

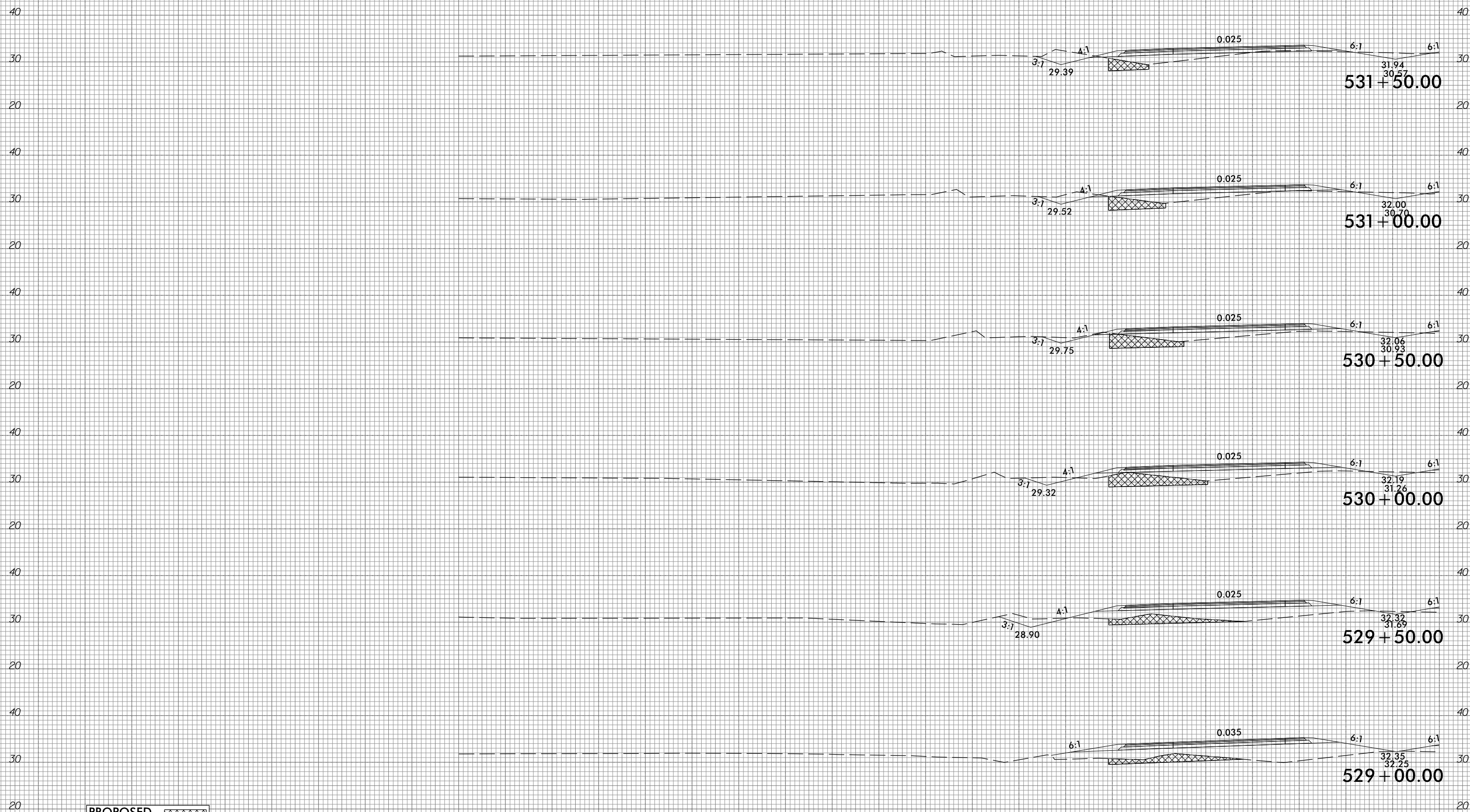
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-237

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PROPOSED UNDERCUT

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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gmc31in

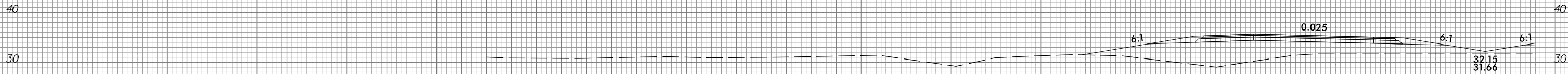
6/23/16



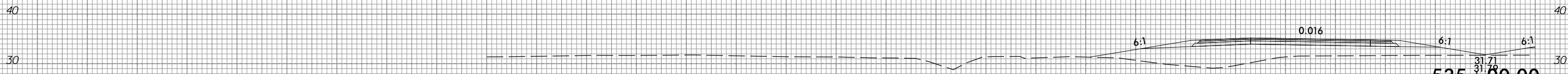
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-238

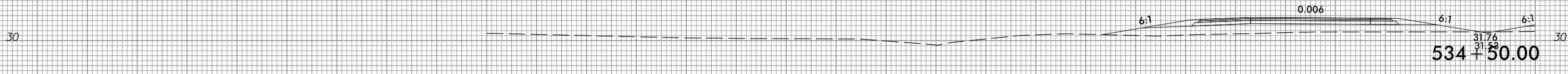
290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



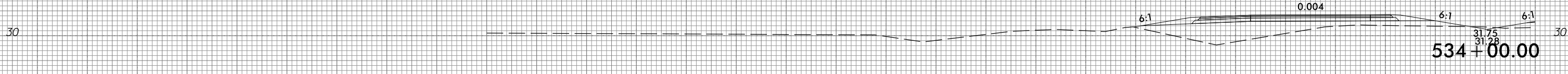
535 + 50.00



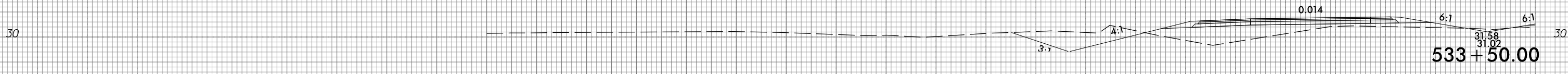
535 + 00.00



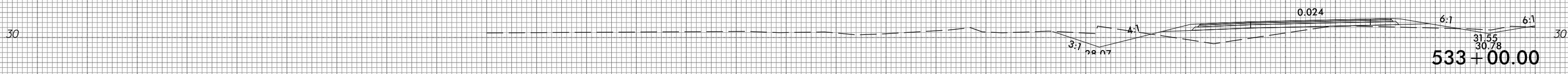
534 + 50.00



534 + 00.00

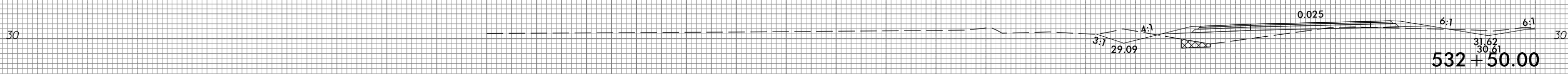


533 + 50.00

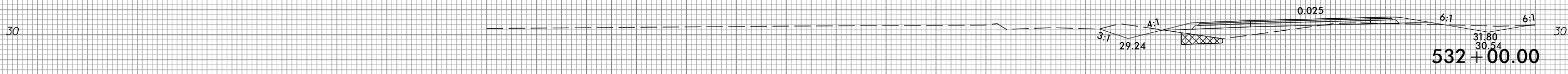


533 + 00.00

END UNDERCUT — L— STA 531



532 + 50.00



532 + 00.00

PROPOSED UNDERCUT

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2018  
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gncdjin

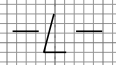
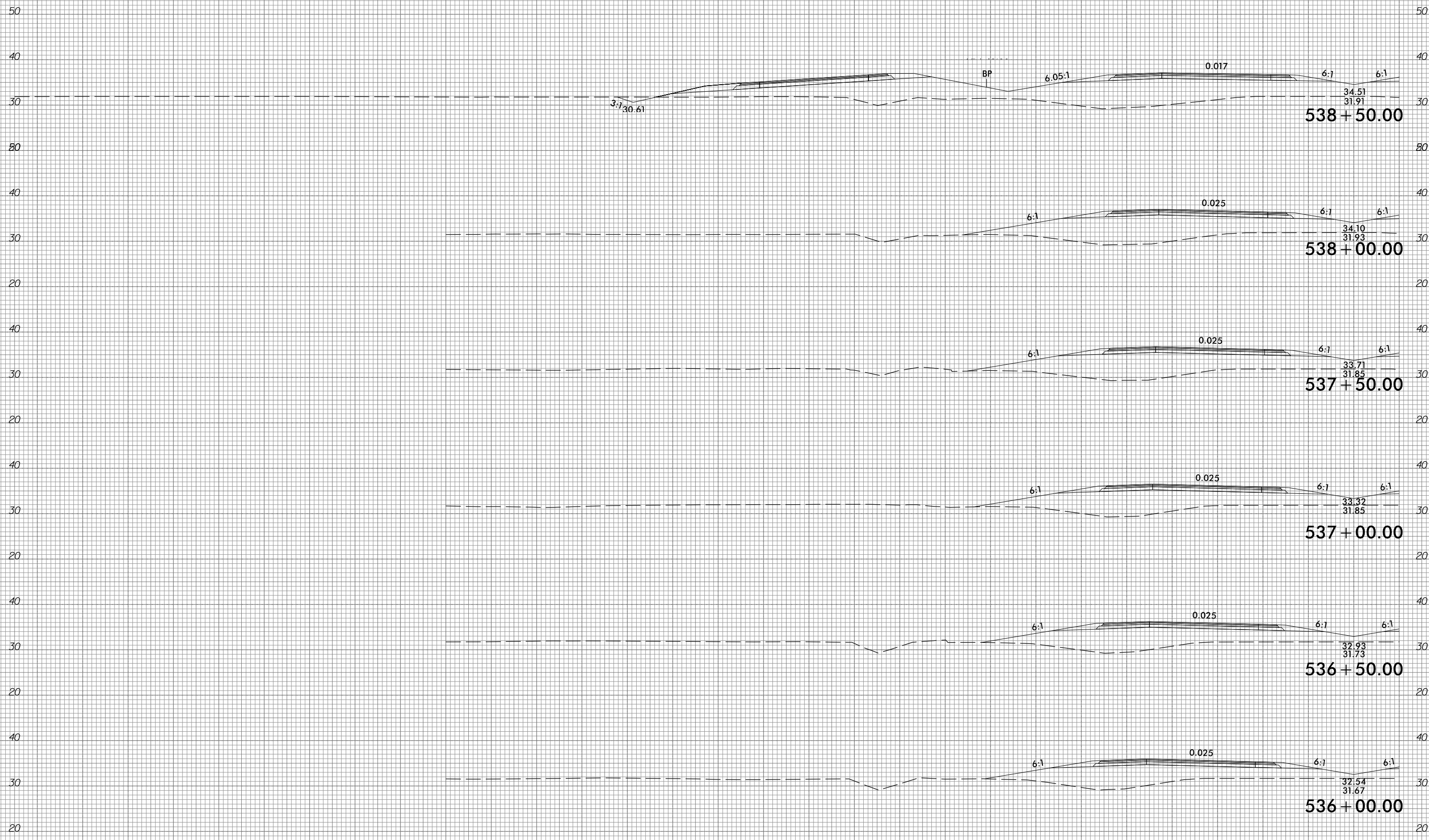
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-239

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



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gncdlin

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

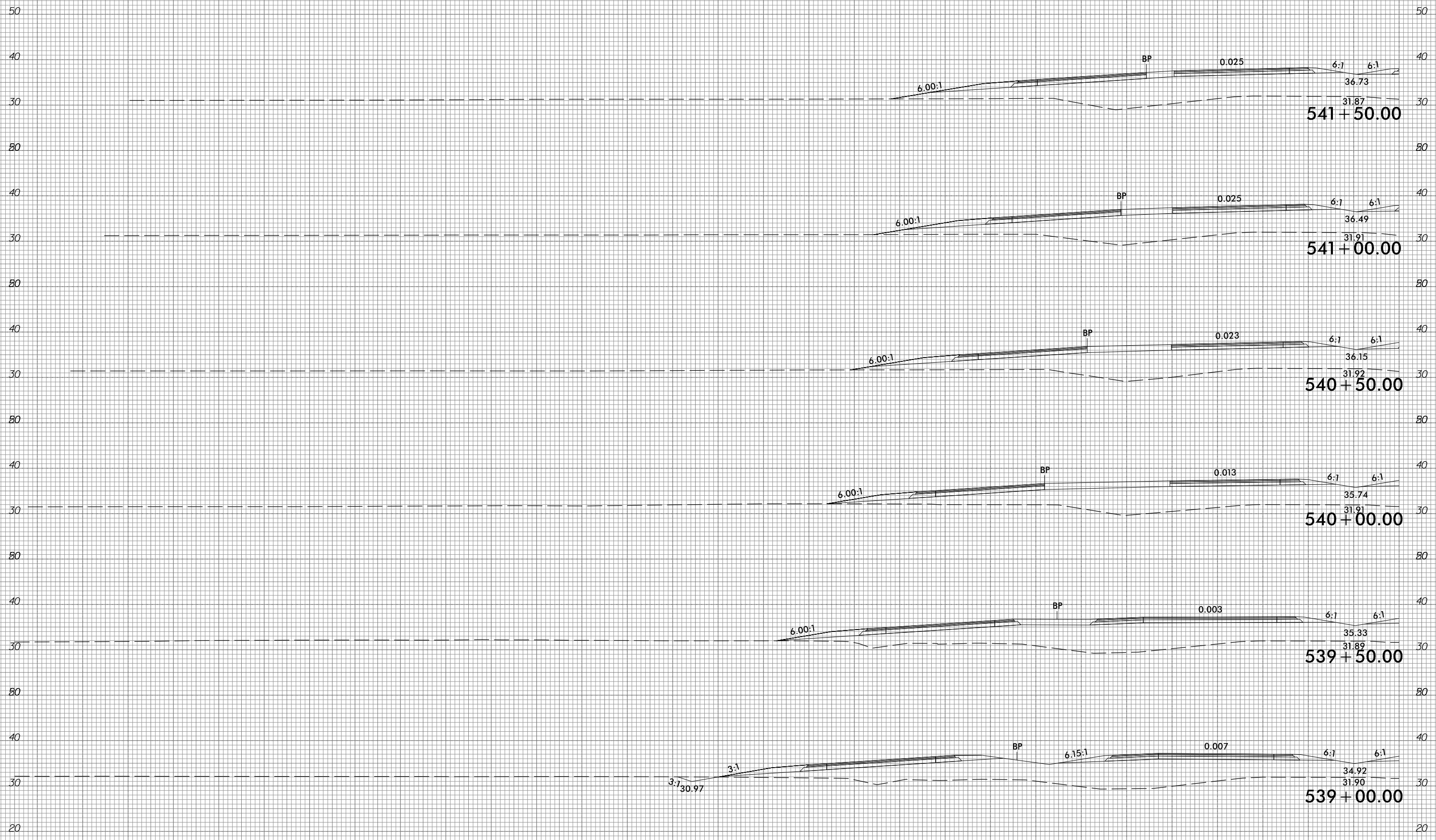
6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-240

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-240

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

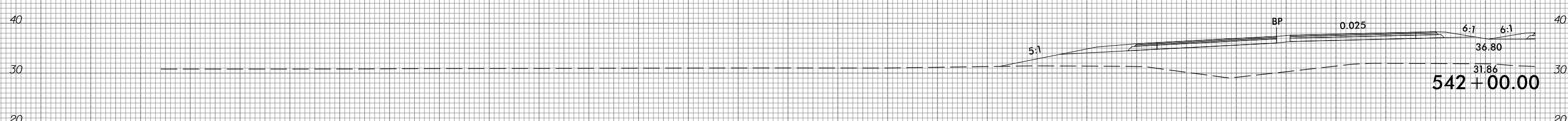
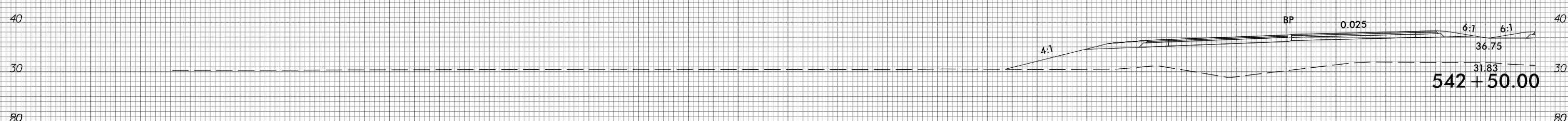
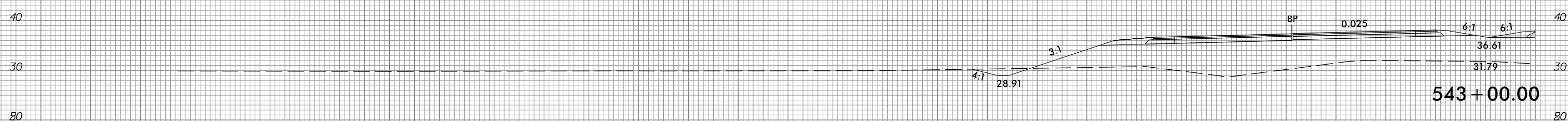
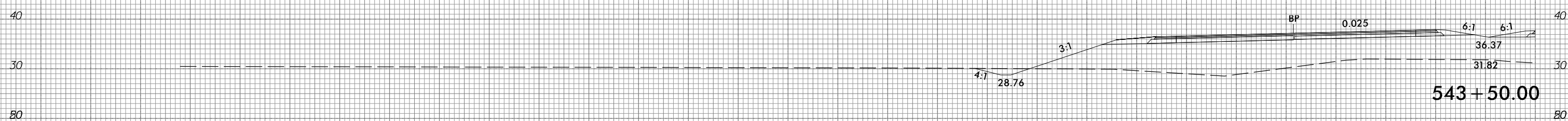
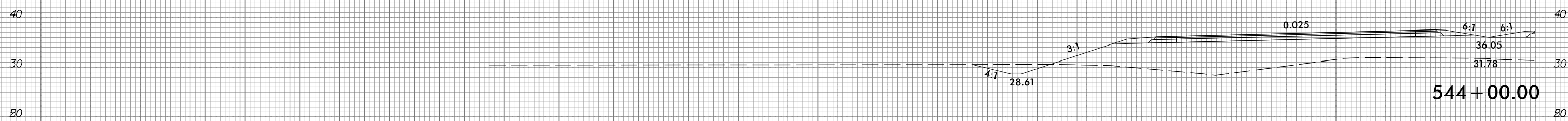
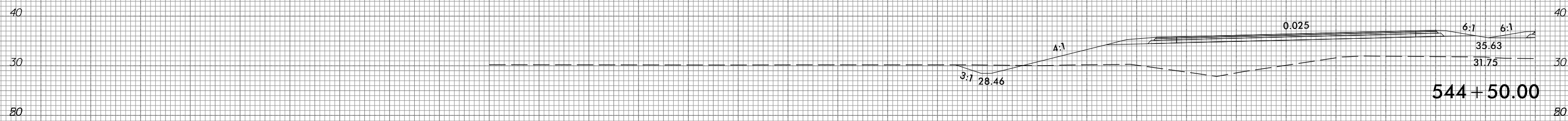
10/31/2016  
 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
 gmc31in

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-241

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2016  
 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.dgn  
 gmc311

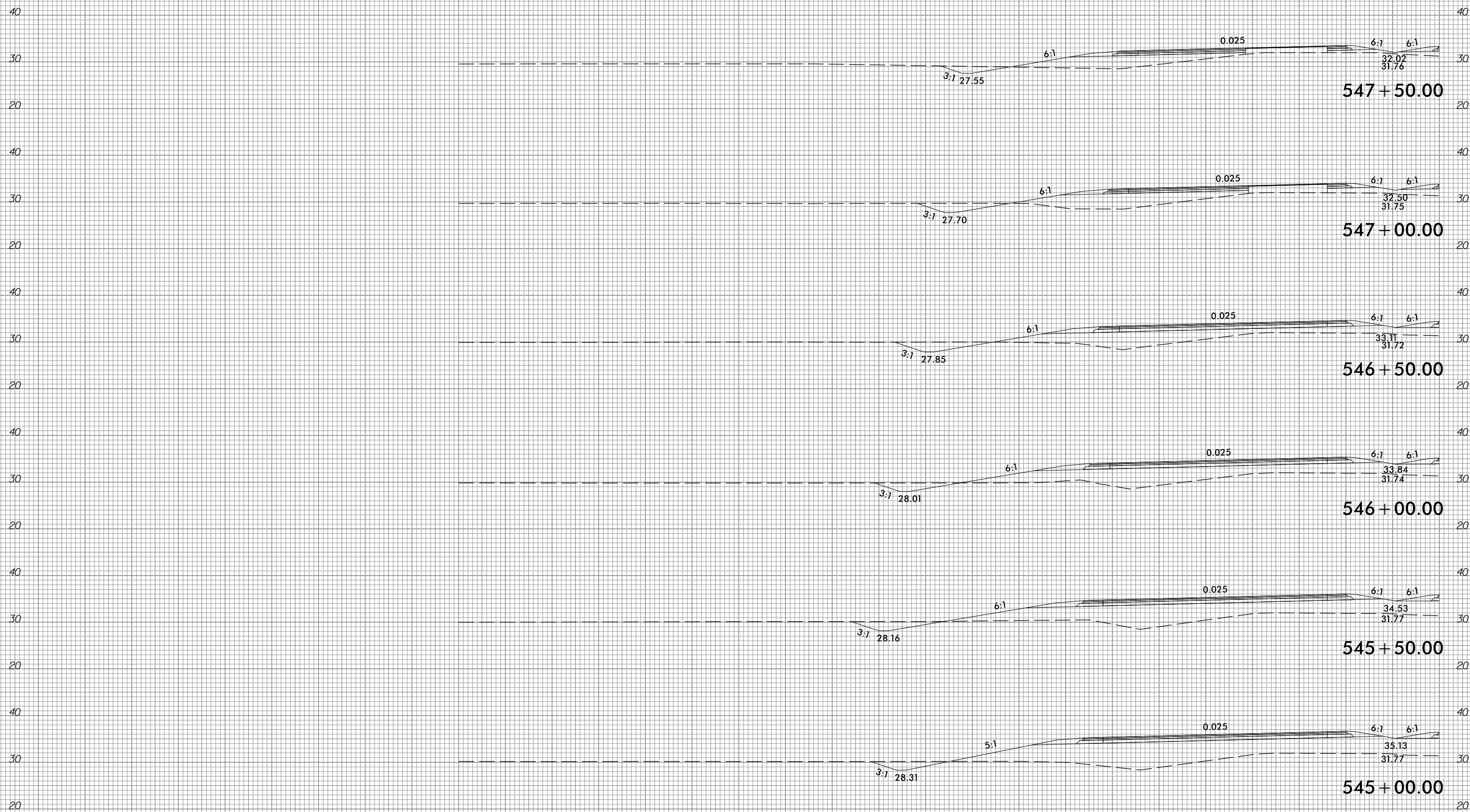
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-242

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn  
gncdlin

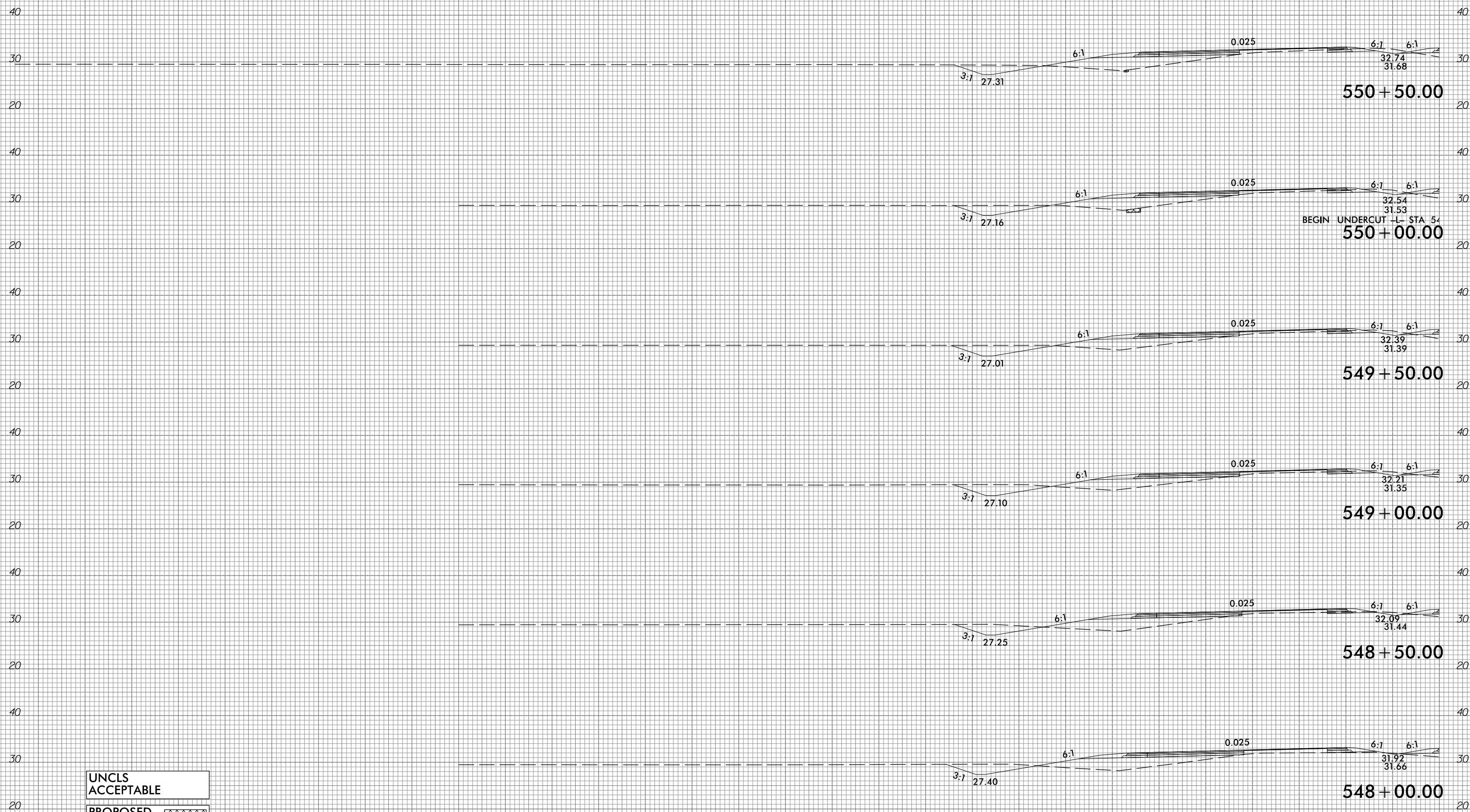
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-243

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



BEGIN UNDERCUT -L- STA 54

UNCLS  
ACCEPTABLE

PROPOSED  
UNDERCUT

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn  
gmc31in



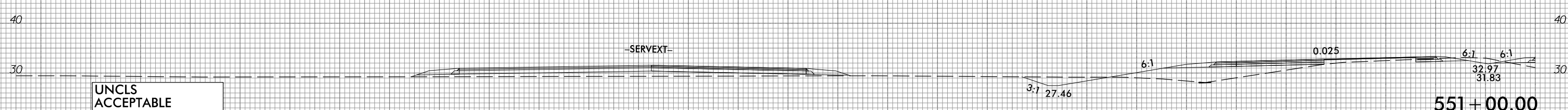
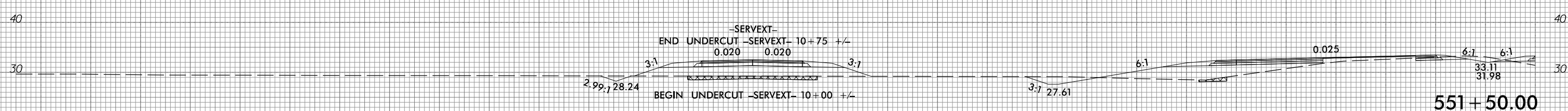
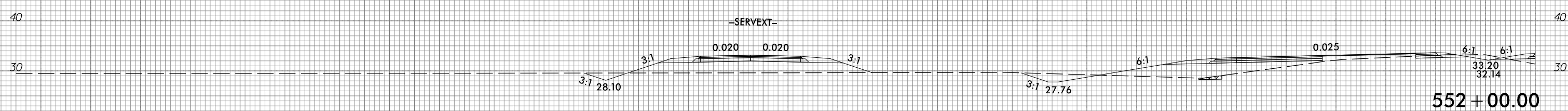
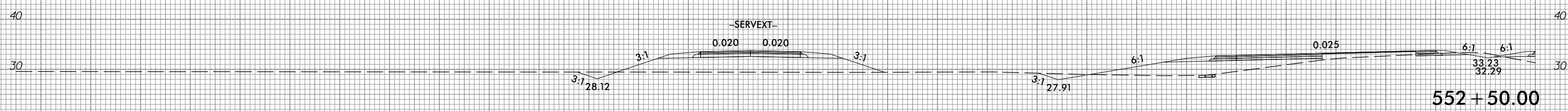
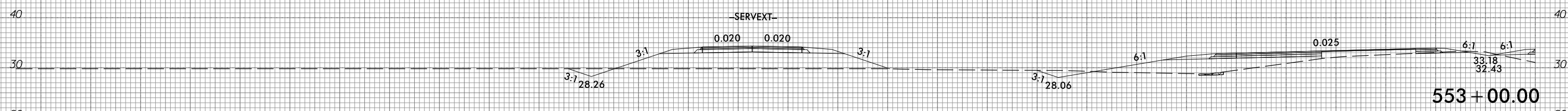
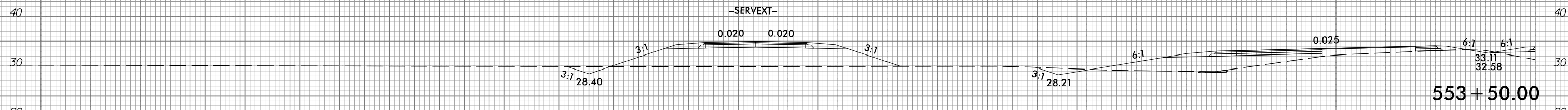
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-244

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



UNCLS  
ACCEPTABLE

PROPOSED  
UNDERCUT

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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gncdlin

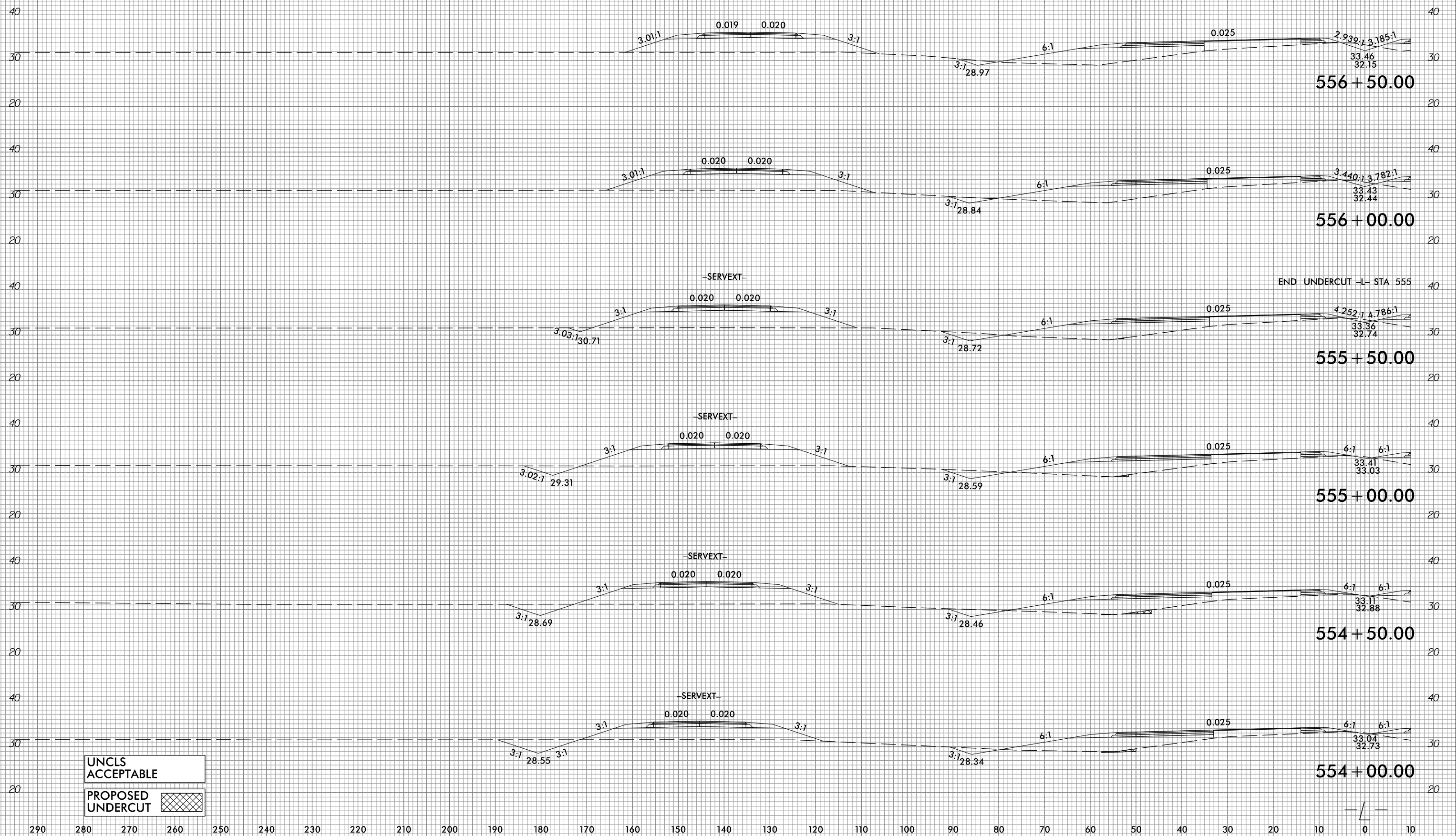
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-245

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



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gmc311

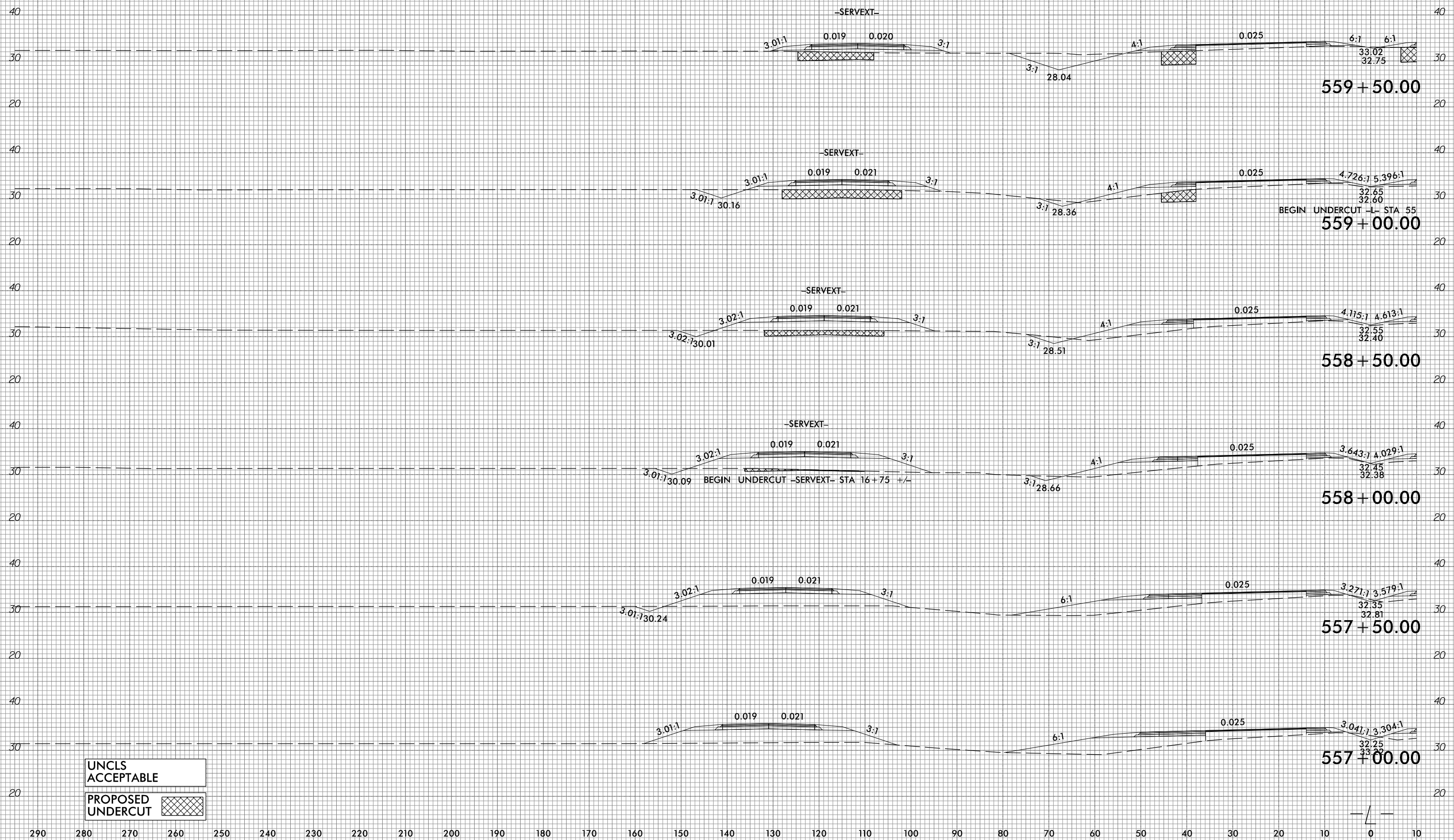
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-246

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



UNCLS  
ACCEPTABLE

PROPOSED  
UNDERCUT

10/31/2018  
G:\RA\9729-02\CADD\RA1015\Roadway\XSC\RA1015\_xp1.L.dgn  
gmc31in

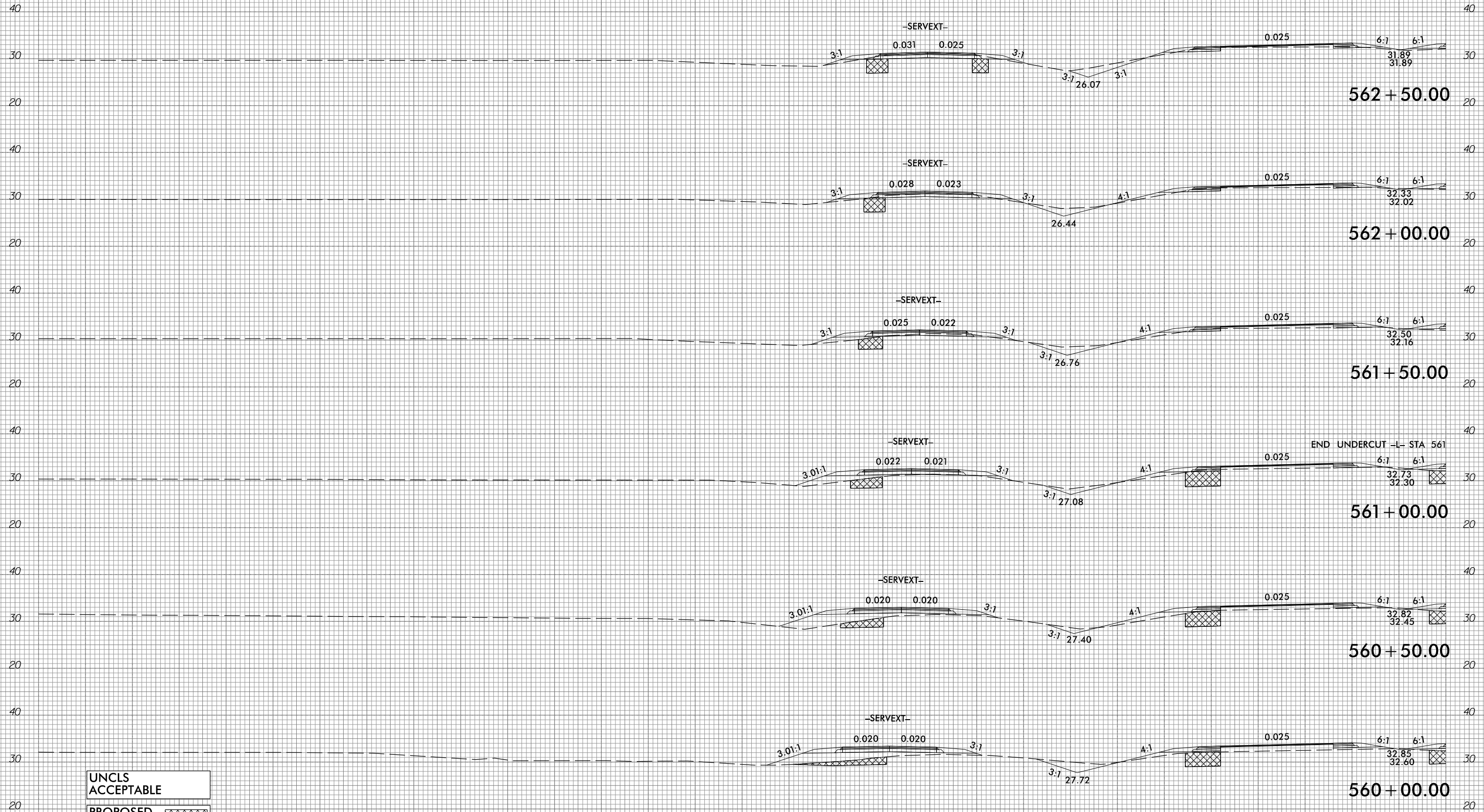
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-247

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



UNCLS  
ACCEPTABLE

PROPOSED  
UNDERCUT

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gncdlin

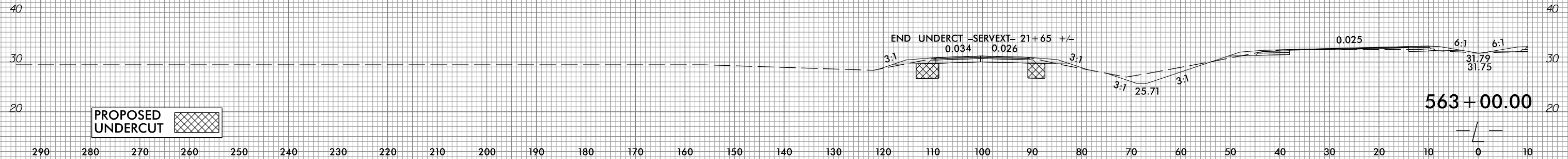
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-248

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



PROPOSED UNDERCUT

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

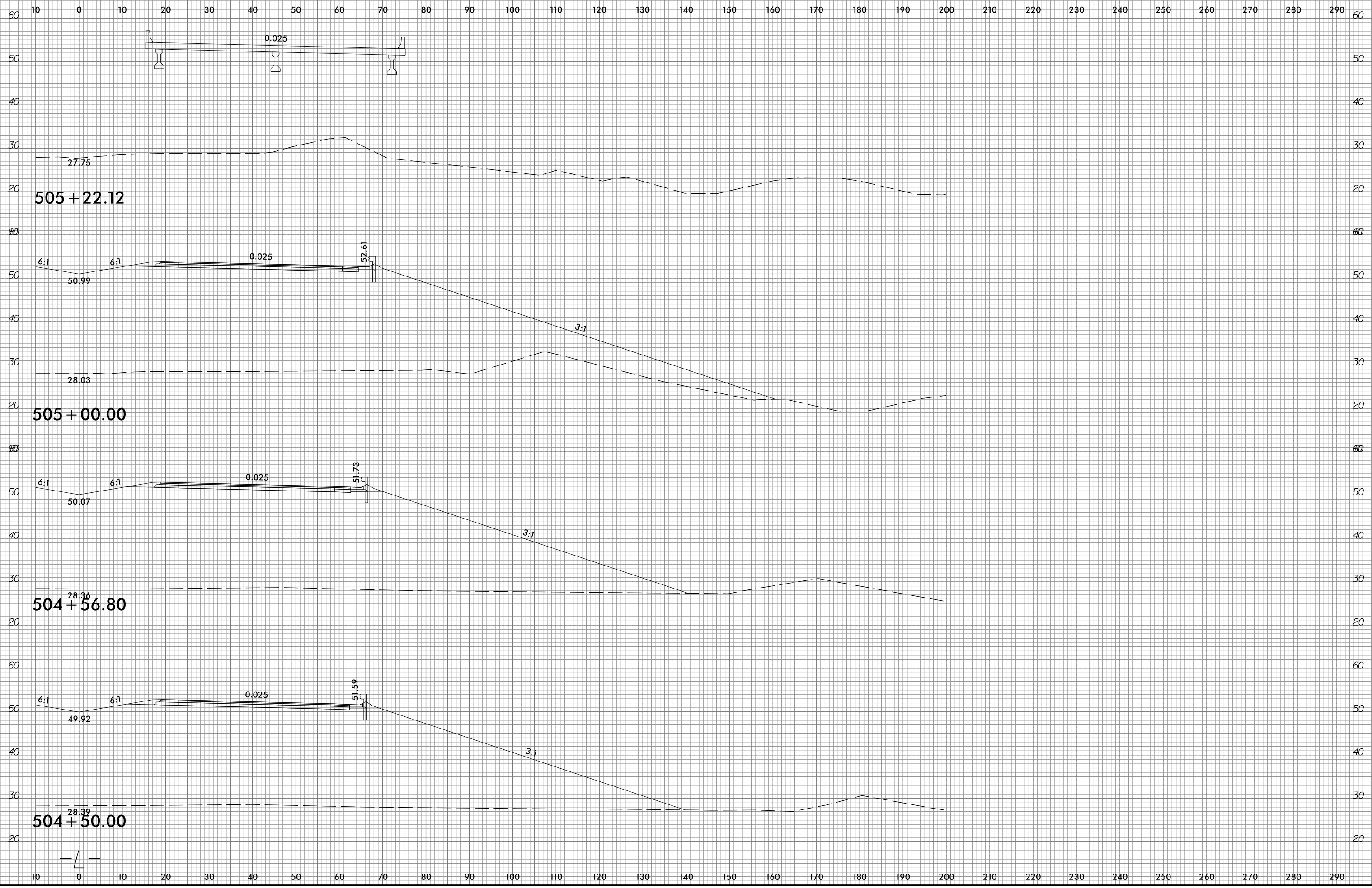
10/31/2016  
G:\RA\9729-02\CADD\RA1015\Roadway\XSC\RA1015\_xpl.L.dgn  
gncdlin

6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-249



10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn  
gncdlin

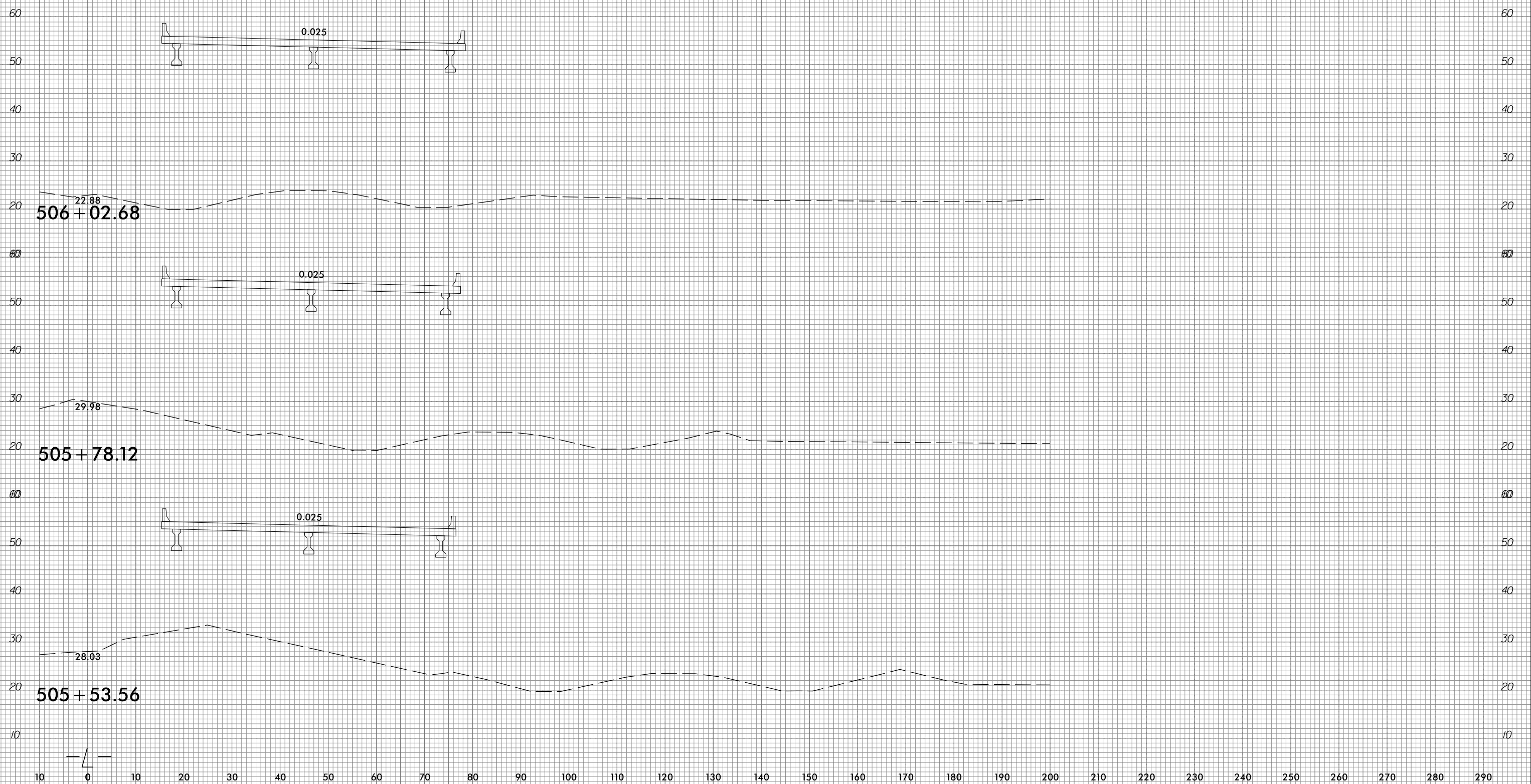
6/23/16



PROJ. REFERENCE NO.	R-1015
SHEET NO.	X-250

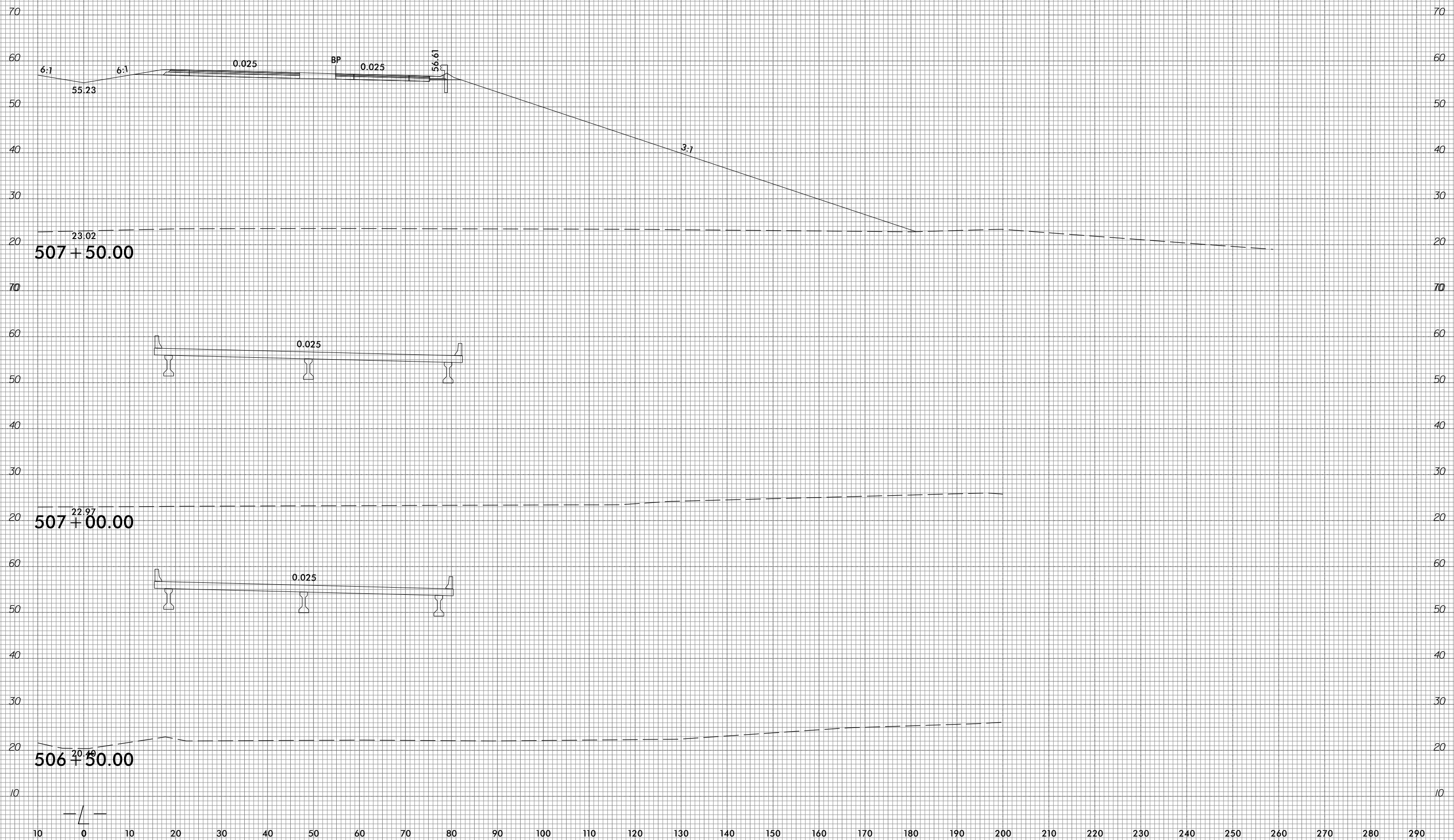
PROJ. REFERENCE NO.	R-1015
SHEET NO.	X-250

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10/31/2018  
 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
 gmc311

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

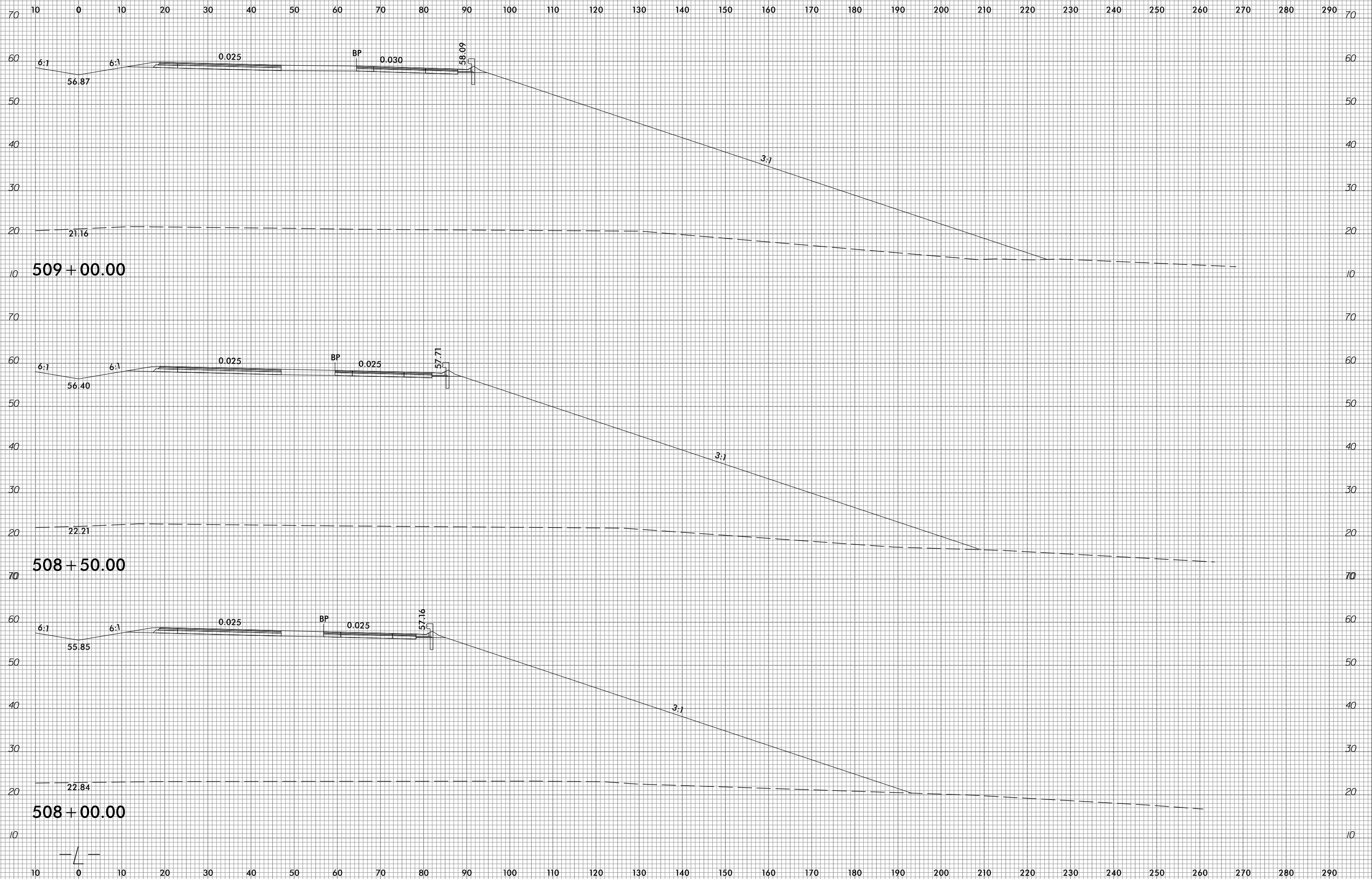




6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-252



10/31/2018  
 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn  
 gmc311

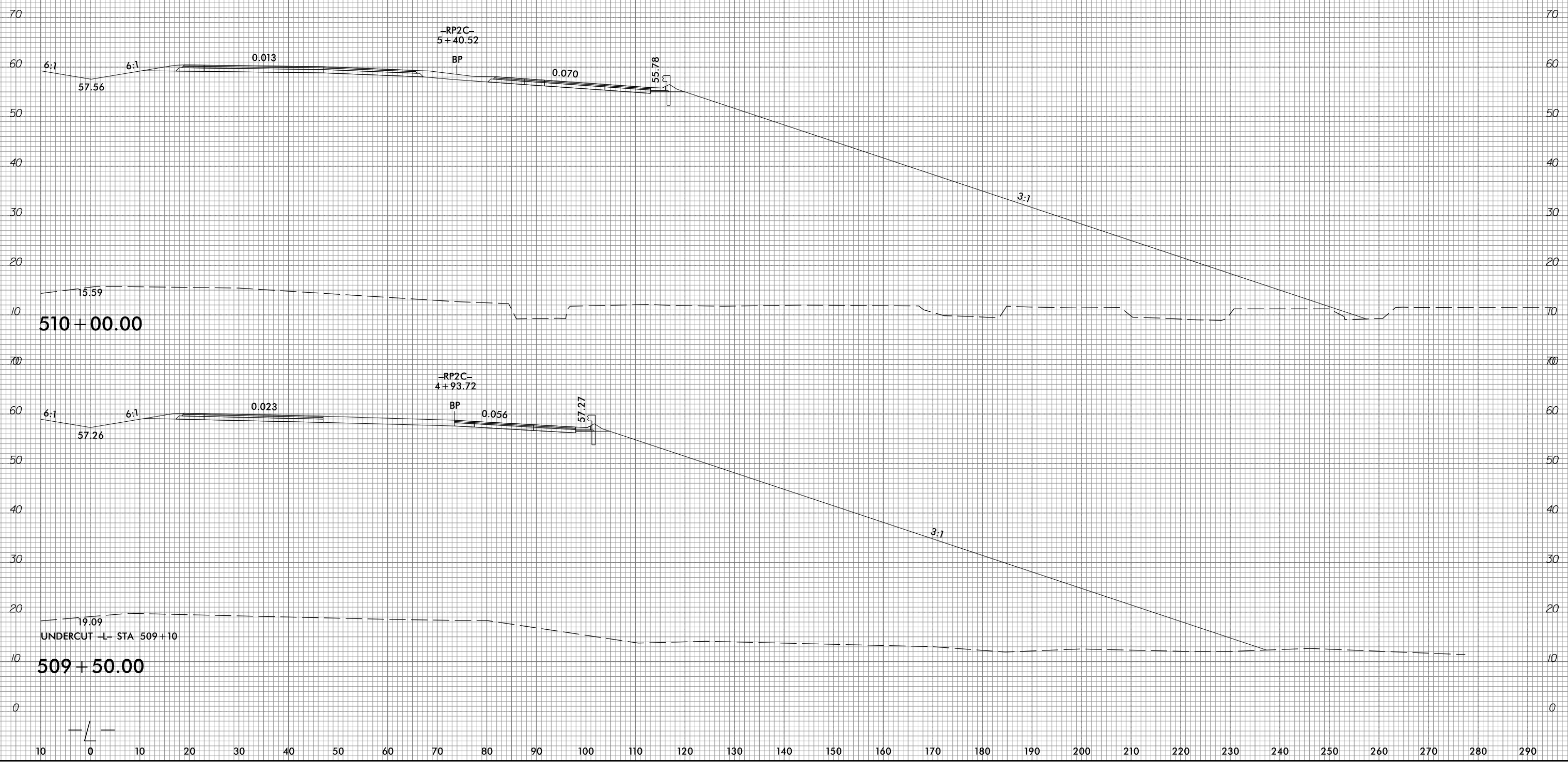
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-253

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gmc311

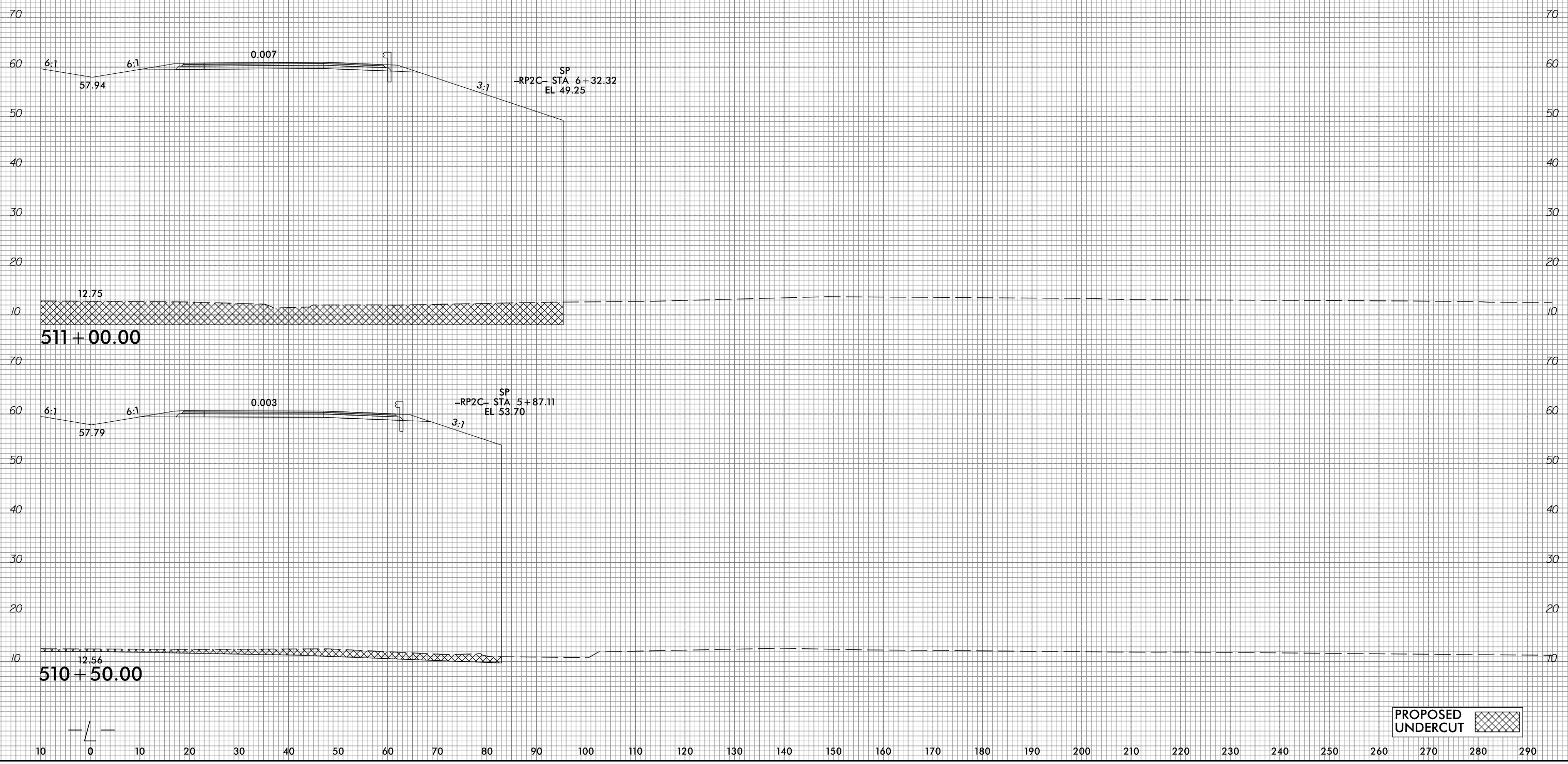
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-254

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



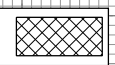
511 + 00.00

510 + 50.00

SP  
-RP2C- STA 6+32.32  
EL 49.25

SP  
-RP2C- STA 5+87.11  
EL 53.70

PROPOSED UNDERCUT



10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gncdlin

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

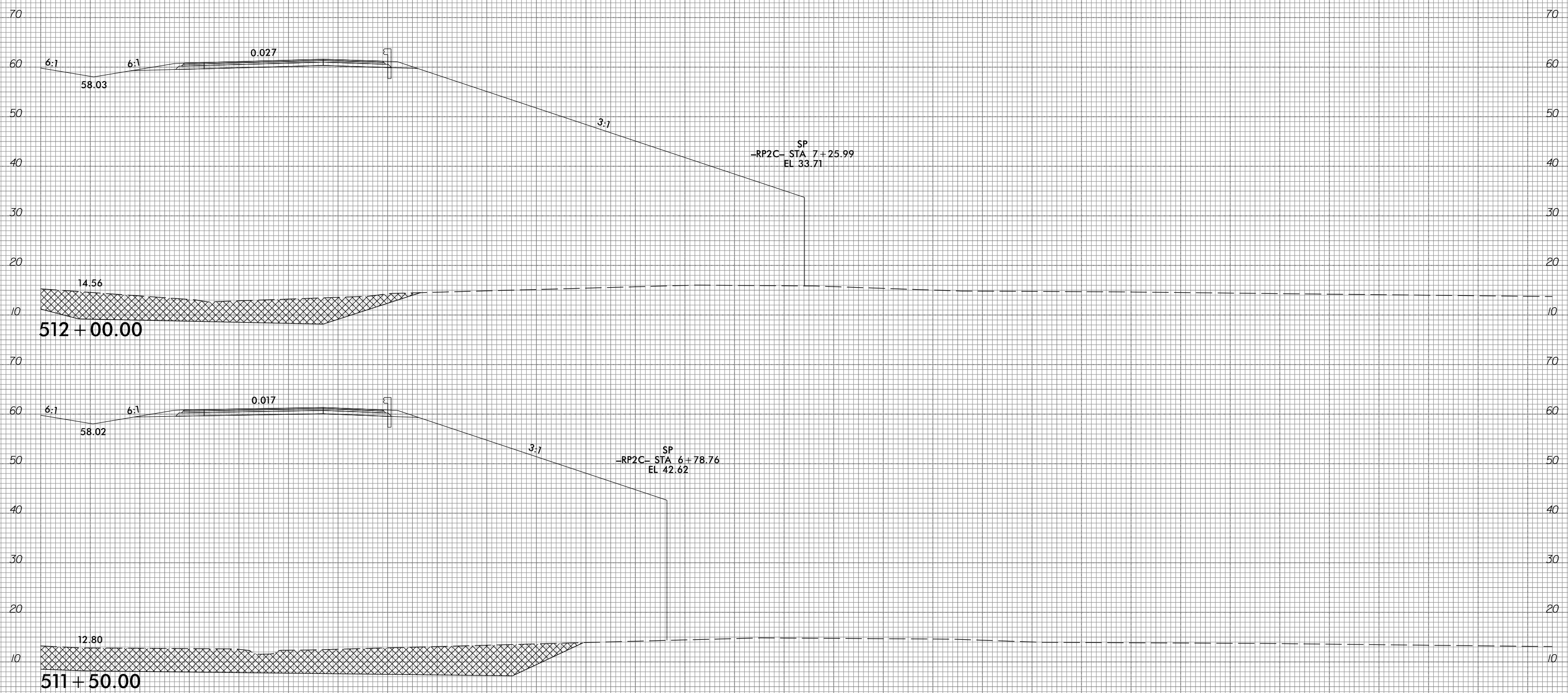
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-255

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



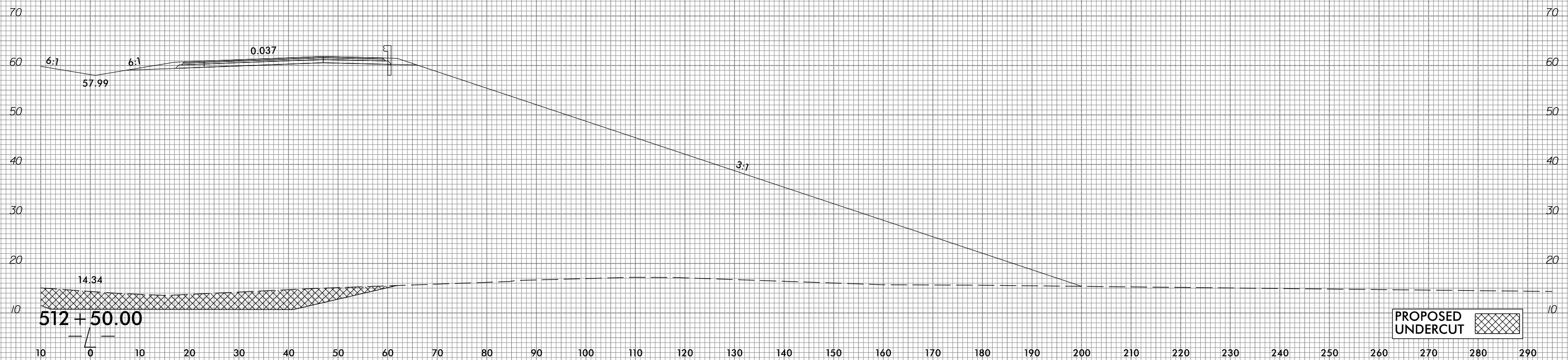
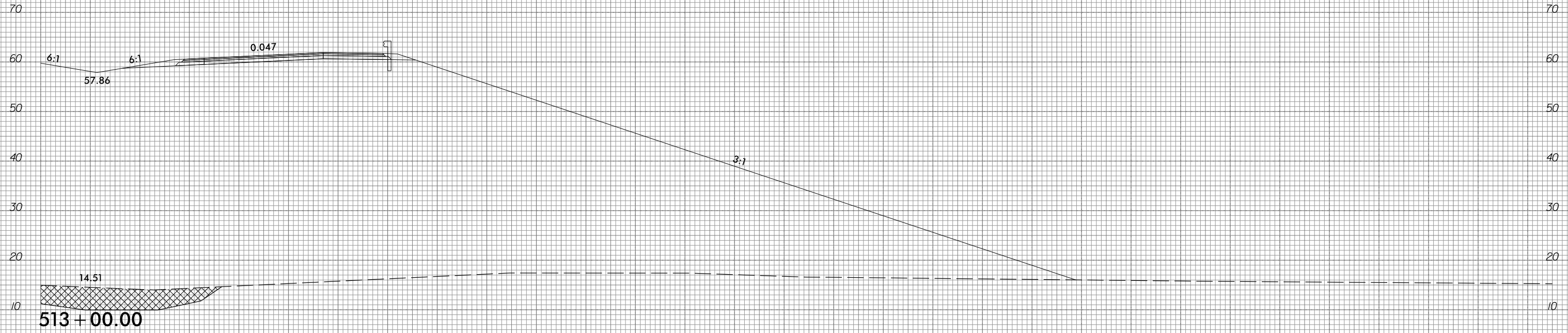
PROPOSED UNDERCUT

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

10/31/2018  
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gncd11



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

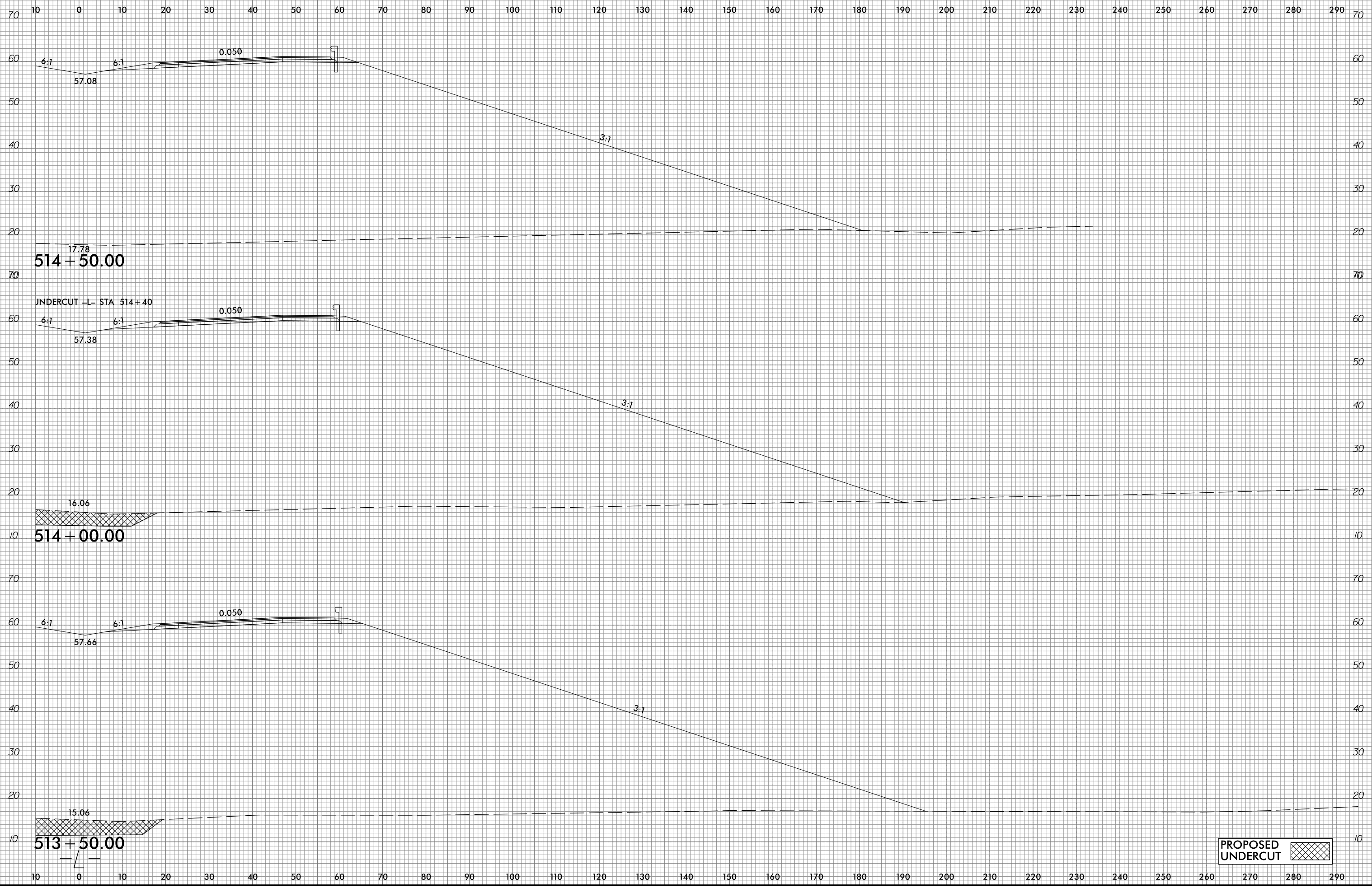


6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-257

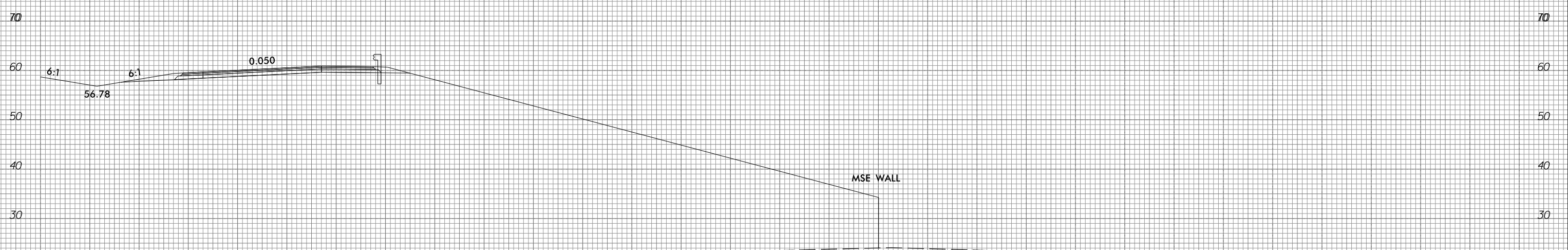
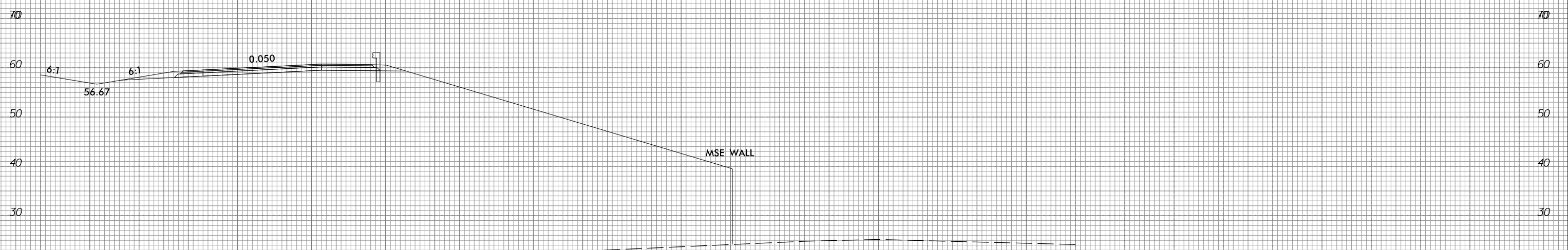
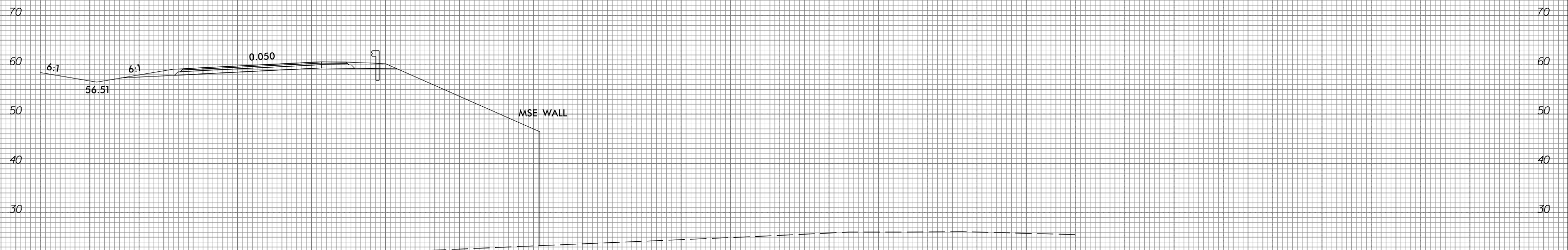


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G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xpl.L.dgn  
gncdjin

PROPOSED UNDERCUT



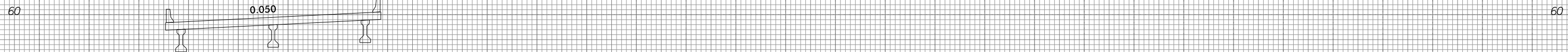
10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

70 70

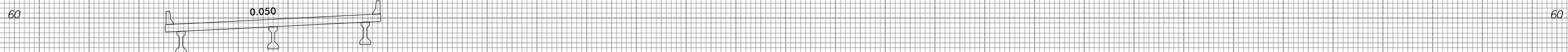


40 40

30 30

516 + 50.00

20 20



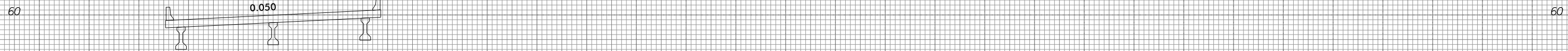
60 60

50 50

40 40

516 + 05.58

30 30



60 60

50 50

40 40

515 + 72.03

30 30

20 20

10 10





10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

70 70

60 60

50 50

40 40

30 30

20 20

517 + 86.25

70 70

60 60

50 50

40 40

30 30

20 20

517 + 50.00

70 70

60 60

50 50

40 40

30 30

20 20

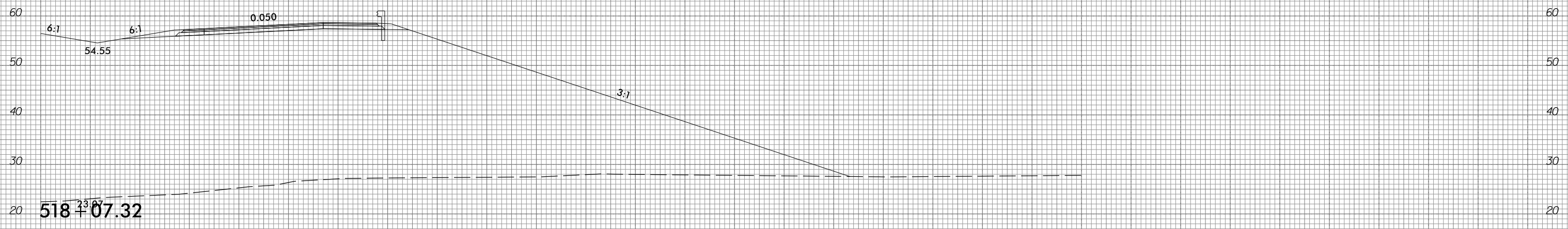
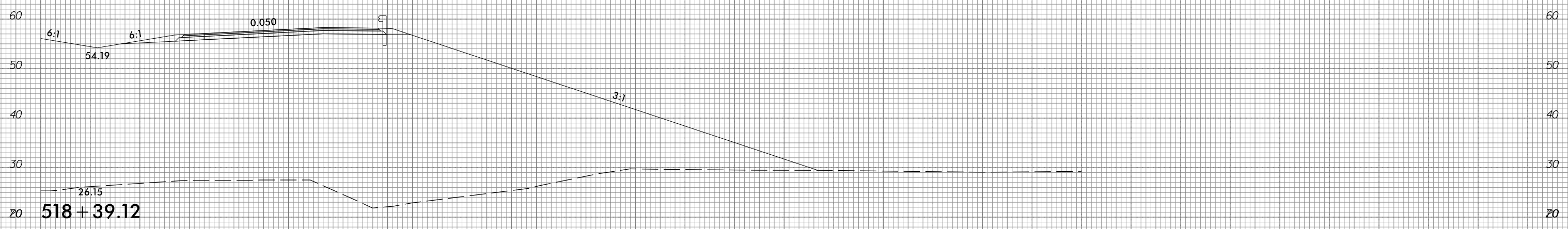
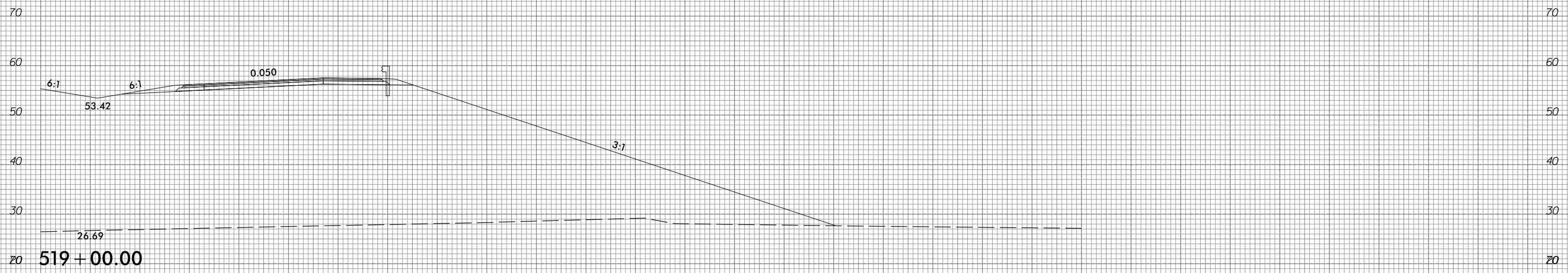
517 + 00.00

10 10

21.25

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



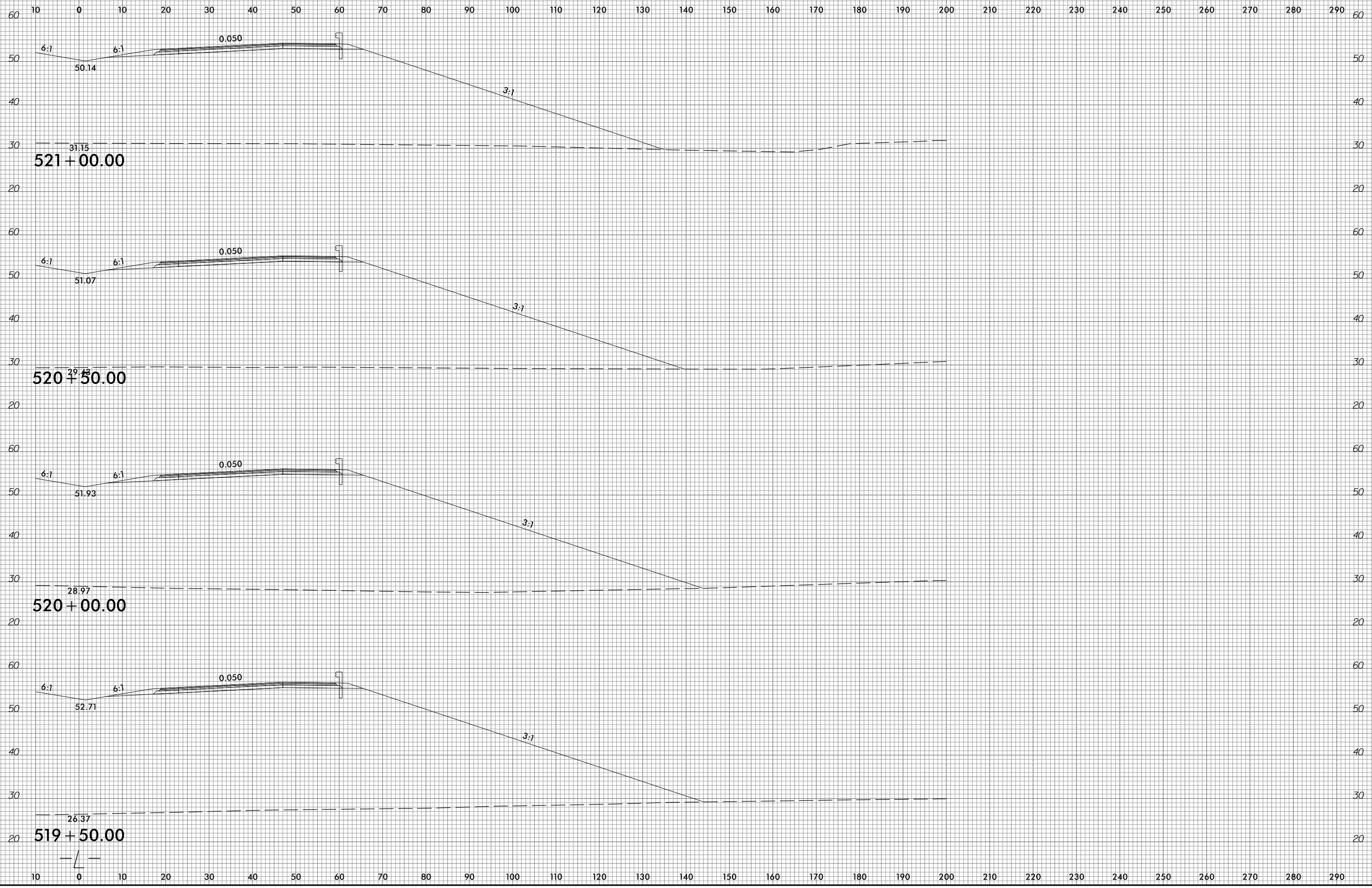
10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-262



10/31/2018  
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gncdjin

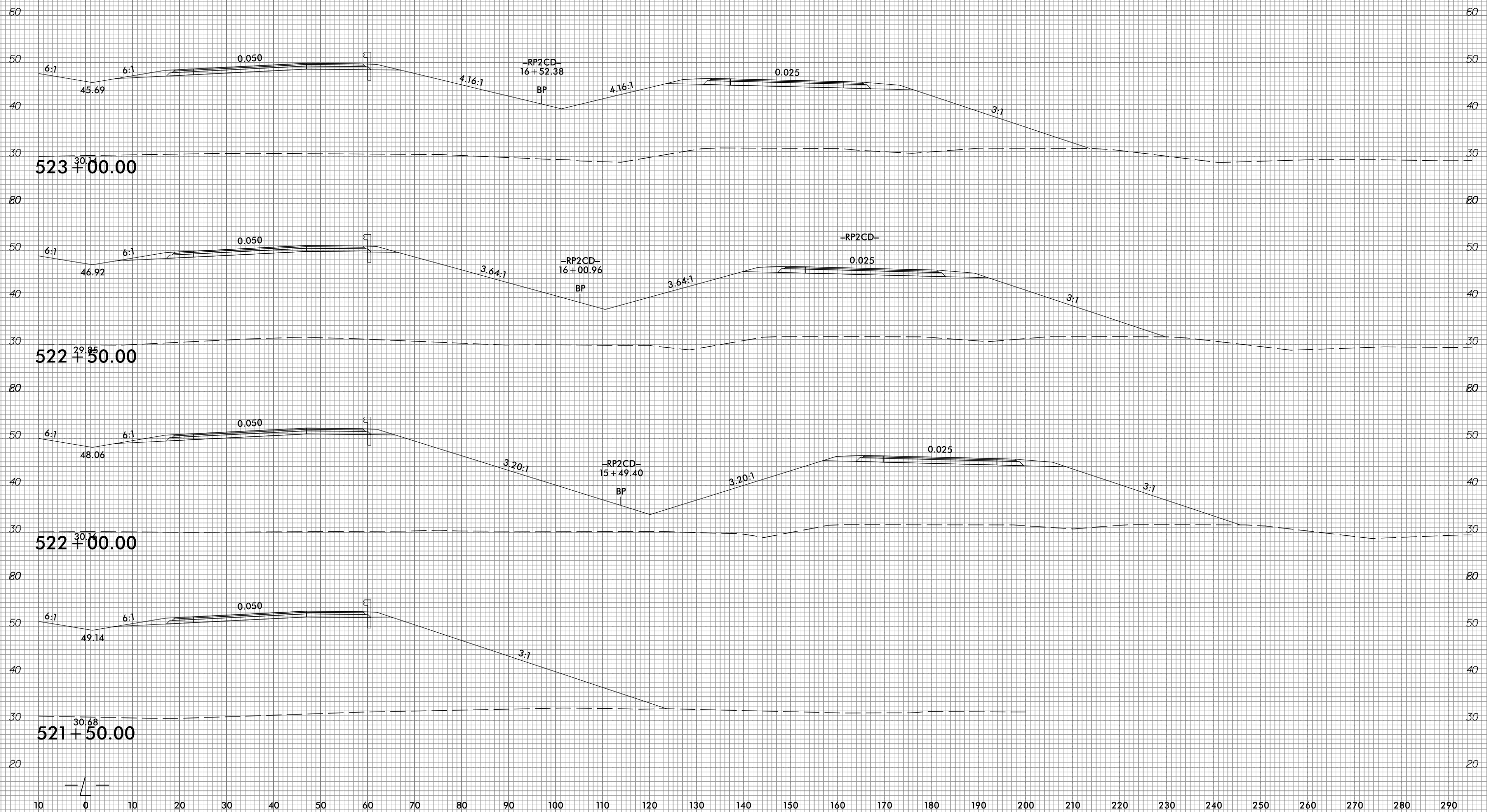
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-263

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gncdjin

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

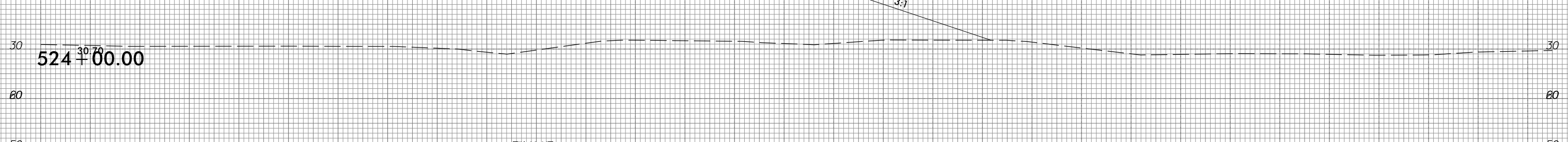
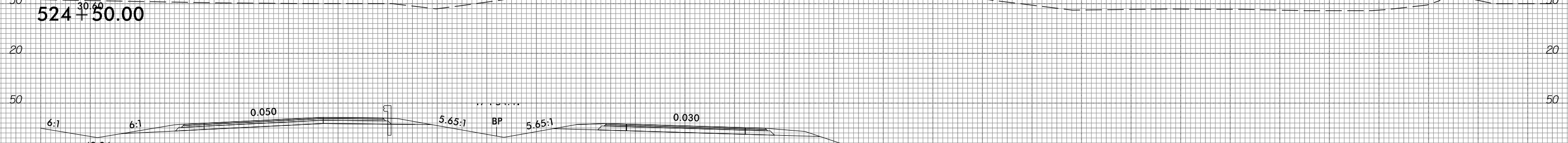
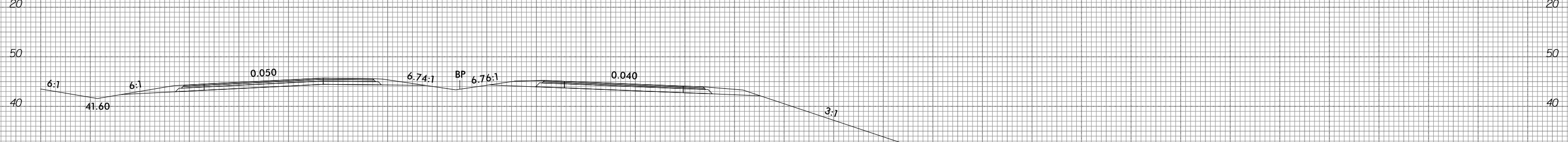
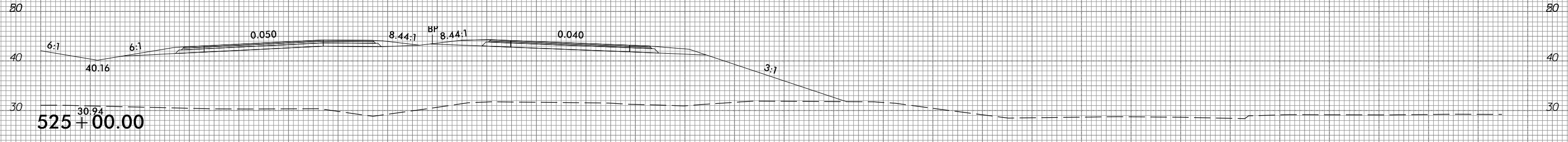
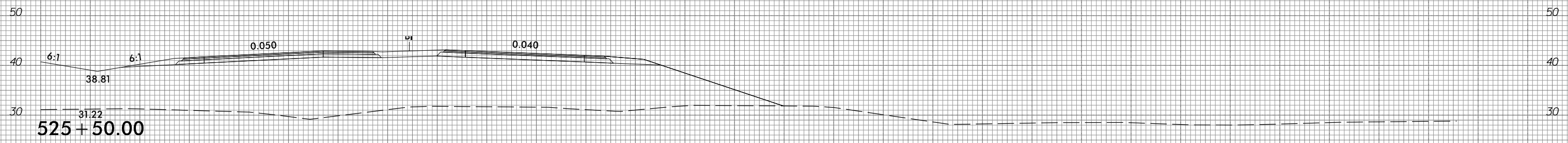
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-264

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

10/31/2018  
G:\RA\9729-02\CAD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gncdjin

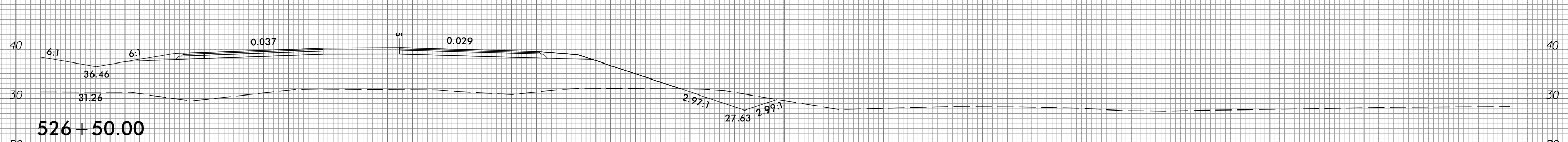
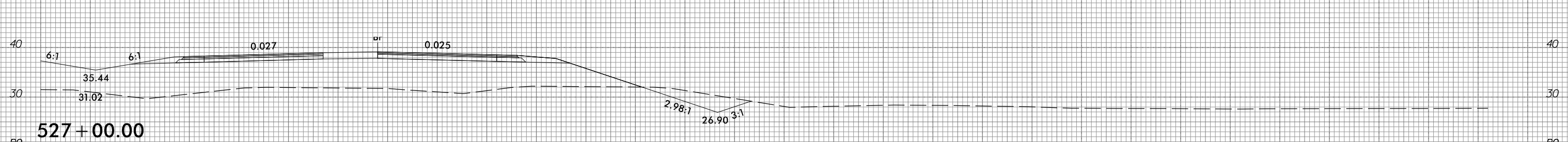
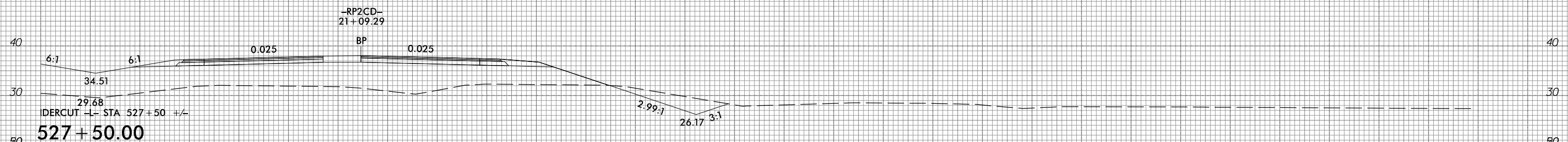
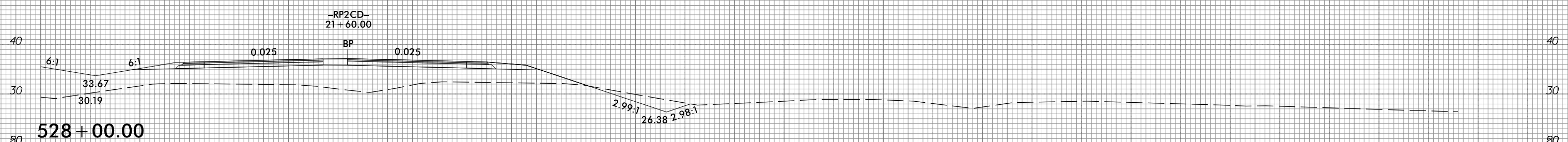
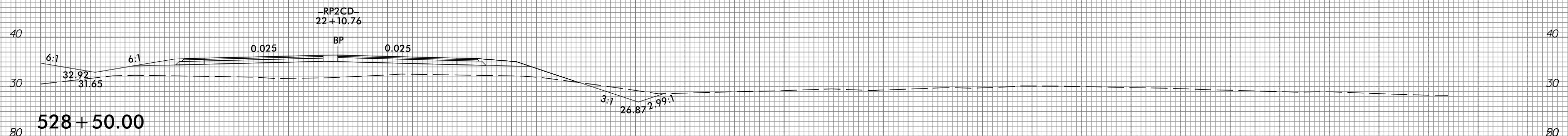
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-265

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

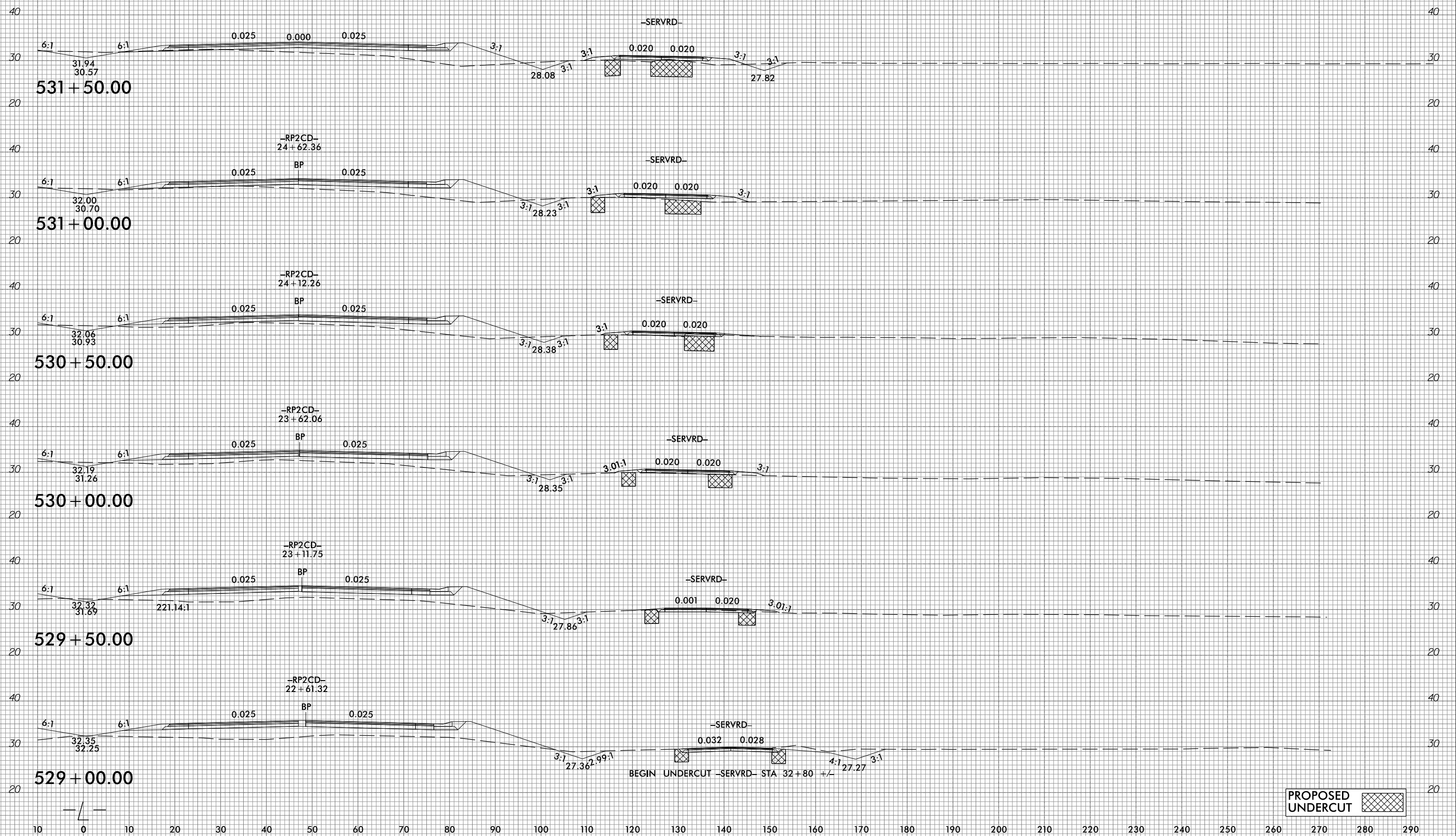
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6/23/16

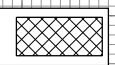


PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-266

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



PROPOSED UNDERCUT



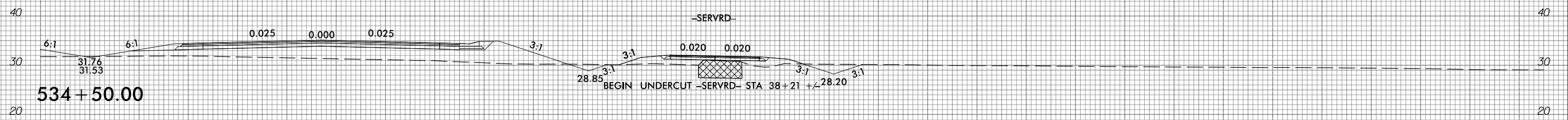
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gncdjin

6/23/16

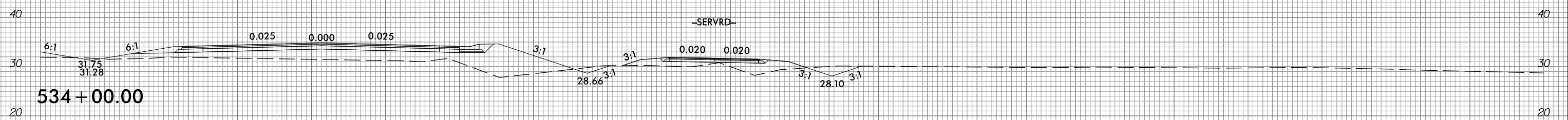


PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-267

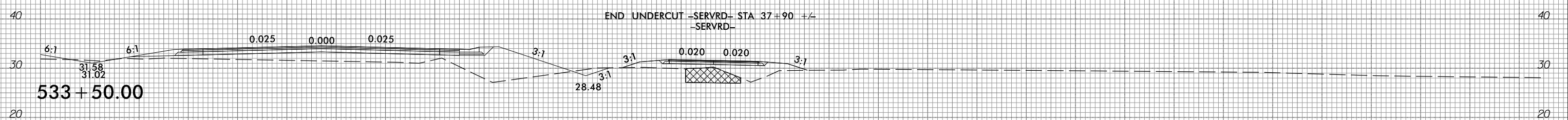
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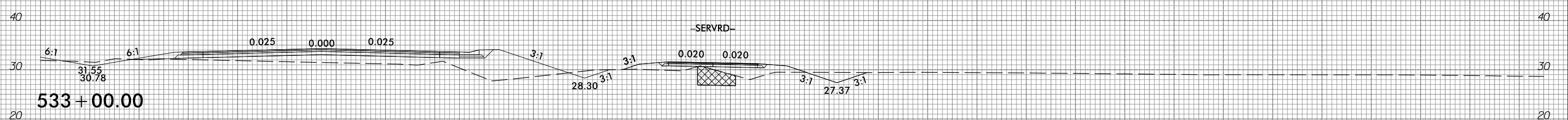
534 + 50.00



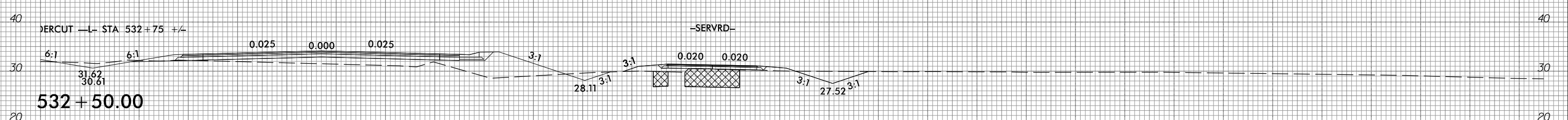
534 + 00.00



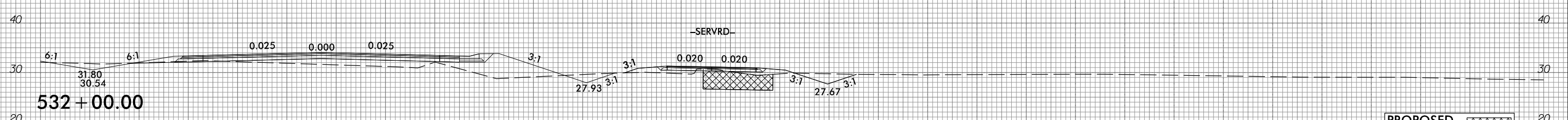
533 + 50.00



533 + 00.00



532 + 50.00



532 + 00.00

PROPOSED UNDERCUT

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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 gmc311r

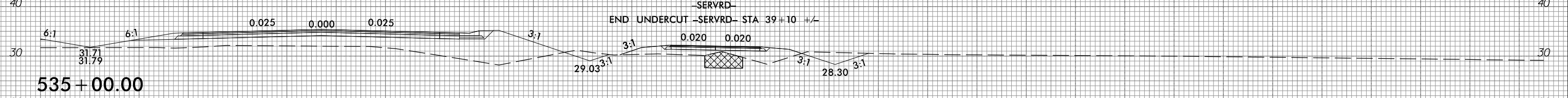
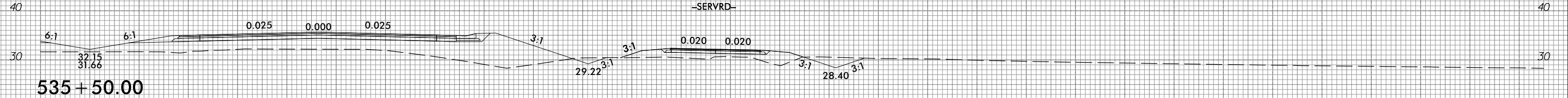
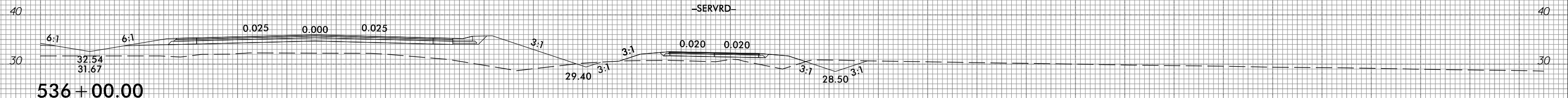
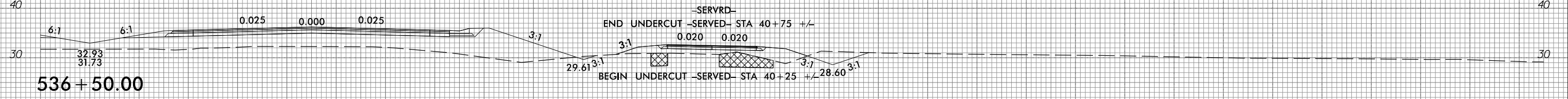
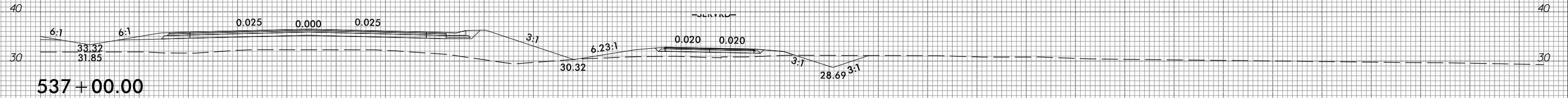
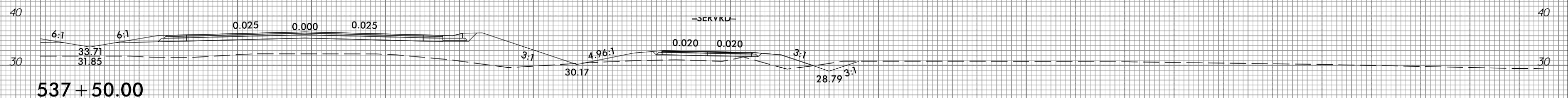


6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-268

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



PROPOSED UNDERCUT

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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 gmcjlin

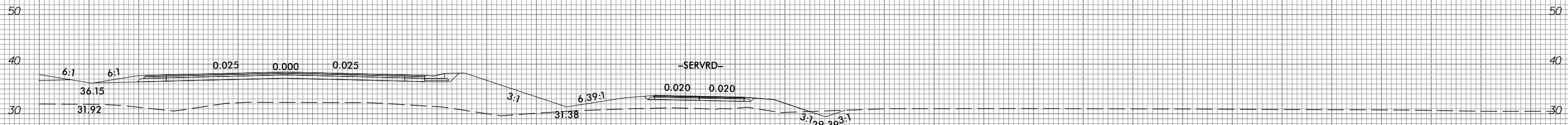
6/23/16



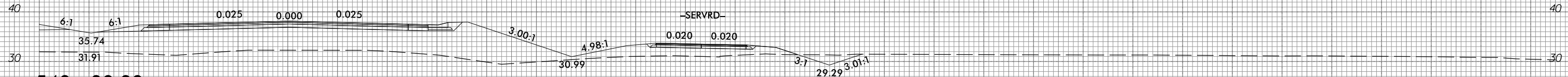
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-269

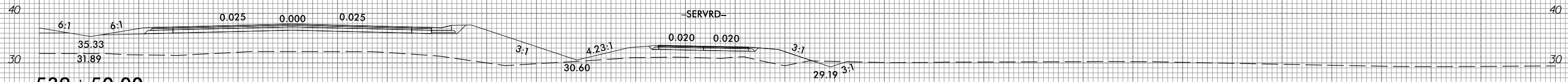
10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



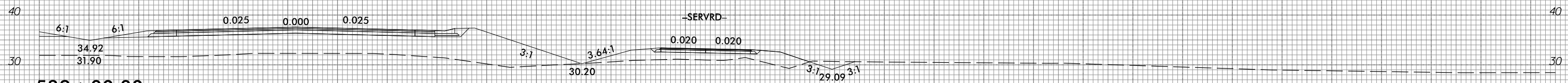
540 + 50.00



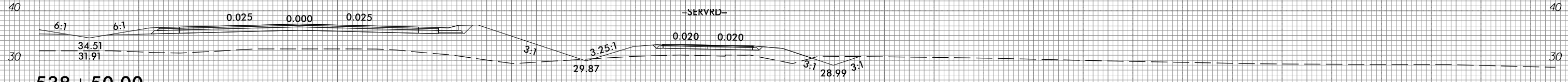
540 + 00.00



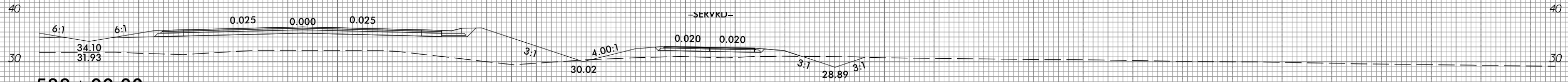
539 + 50.00



539 + 00.00



538 + 50.00



538 + 00.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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gnc011n

6/23/16



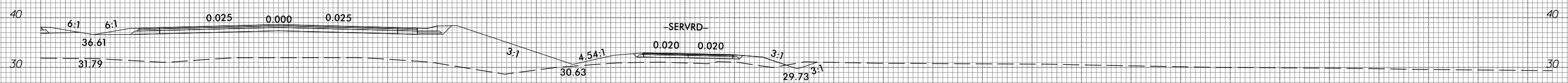
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-270

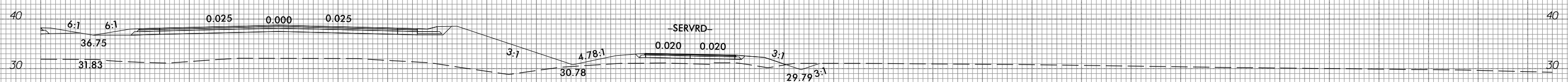
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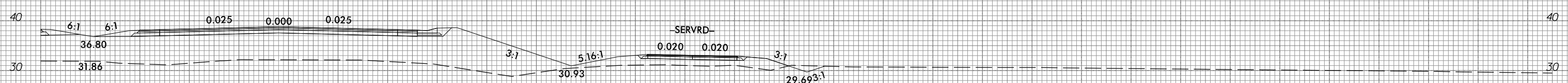
543 + 50.00



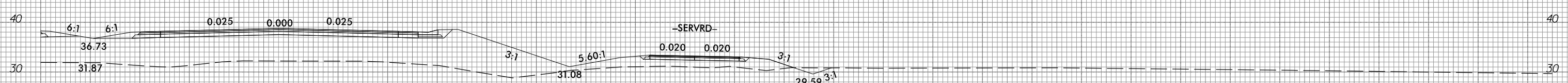
543 + 00.00



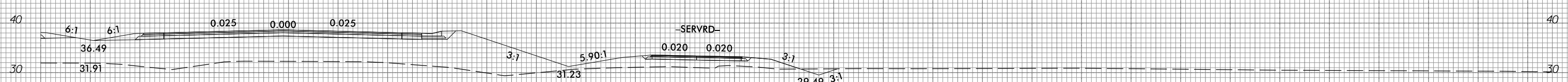
542 + 50.00



542 + 00.00



541 + 50.00

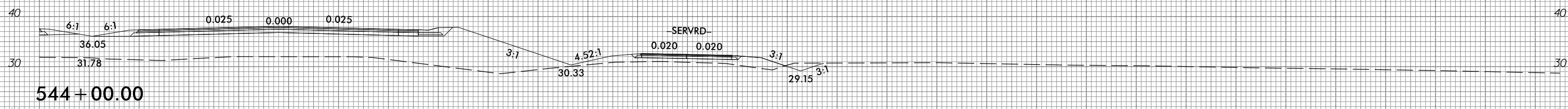
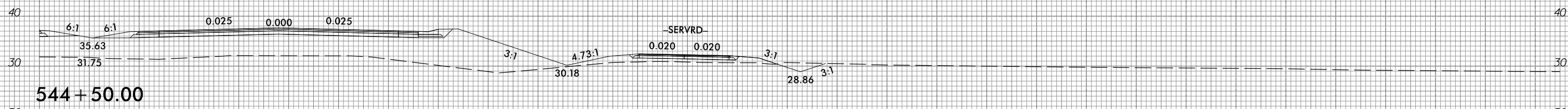
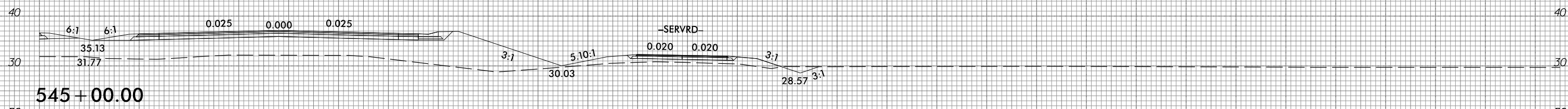
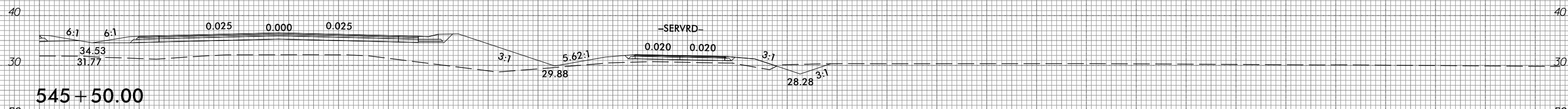
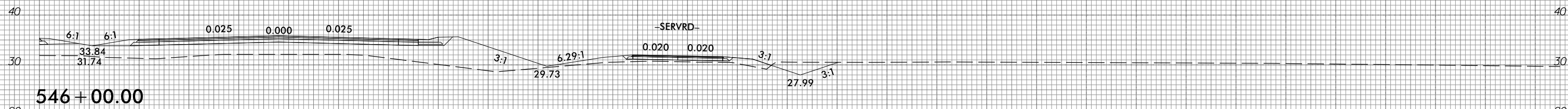
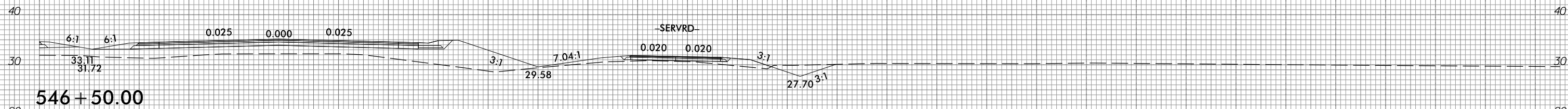


541 + 00.00

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10/31/2016  
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gncd11

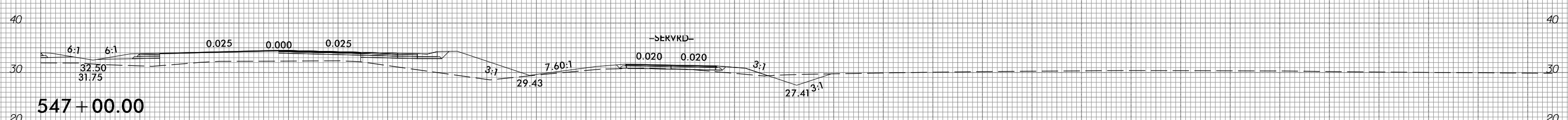
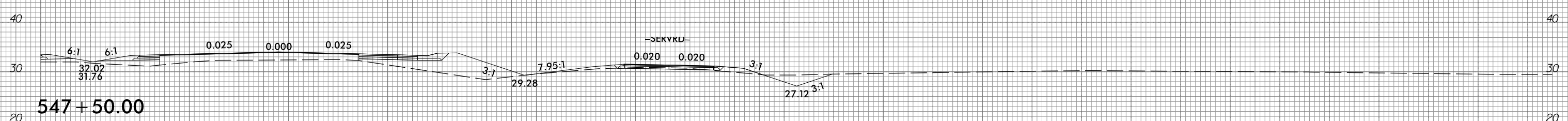
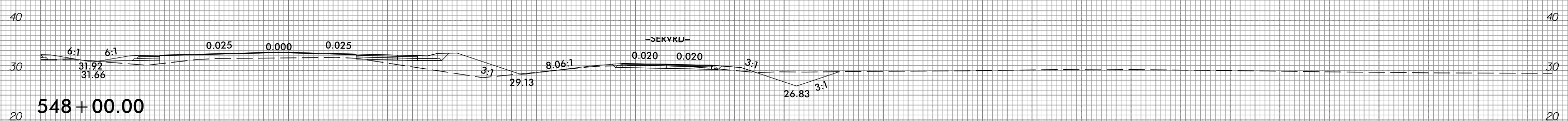
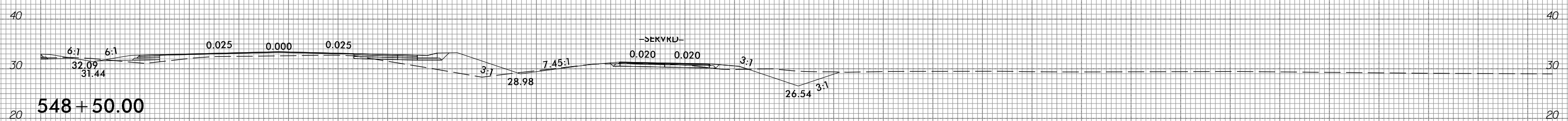
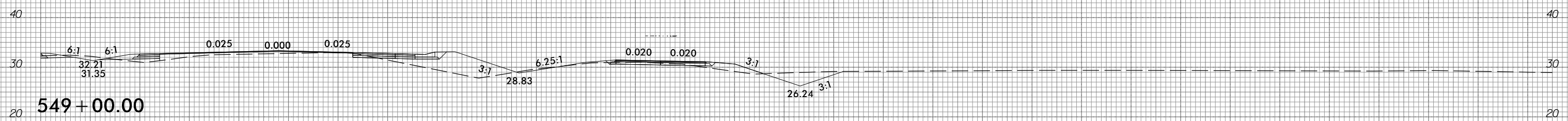
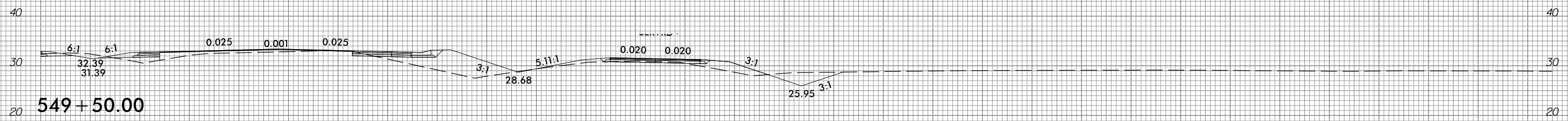
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10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

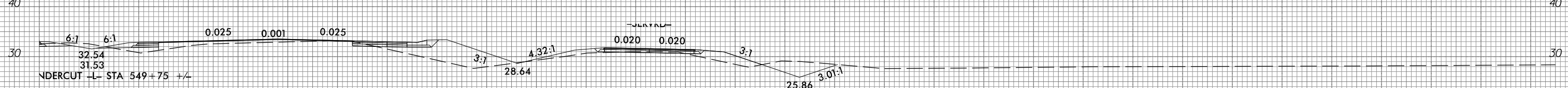
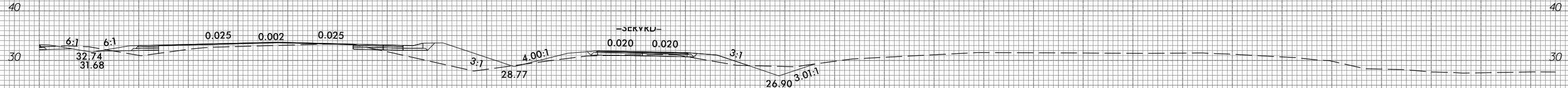
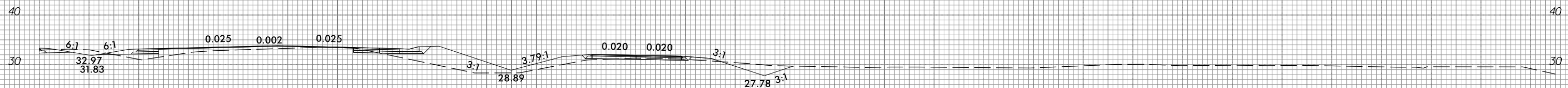
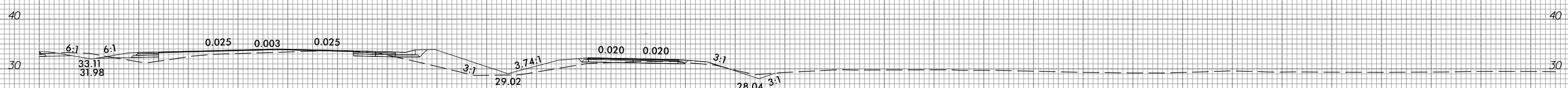
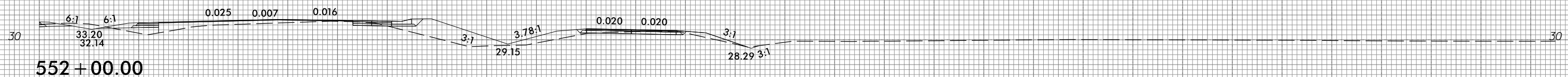
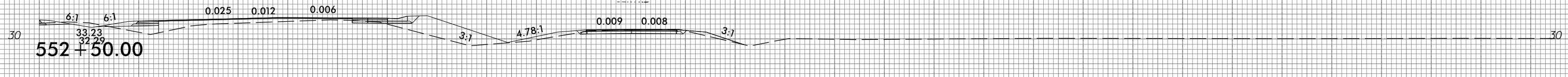
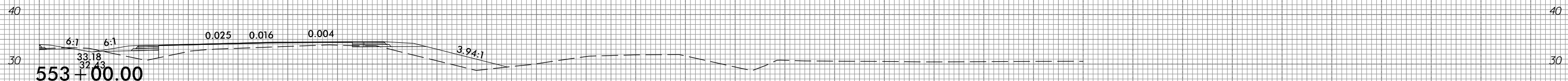
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-273

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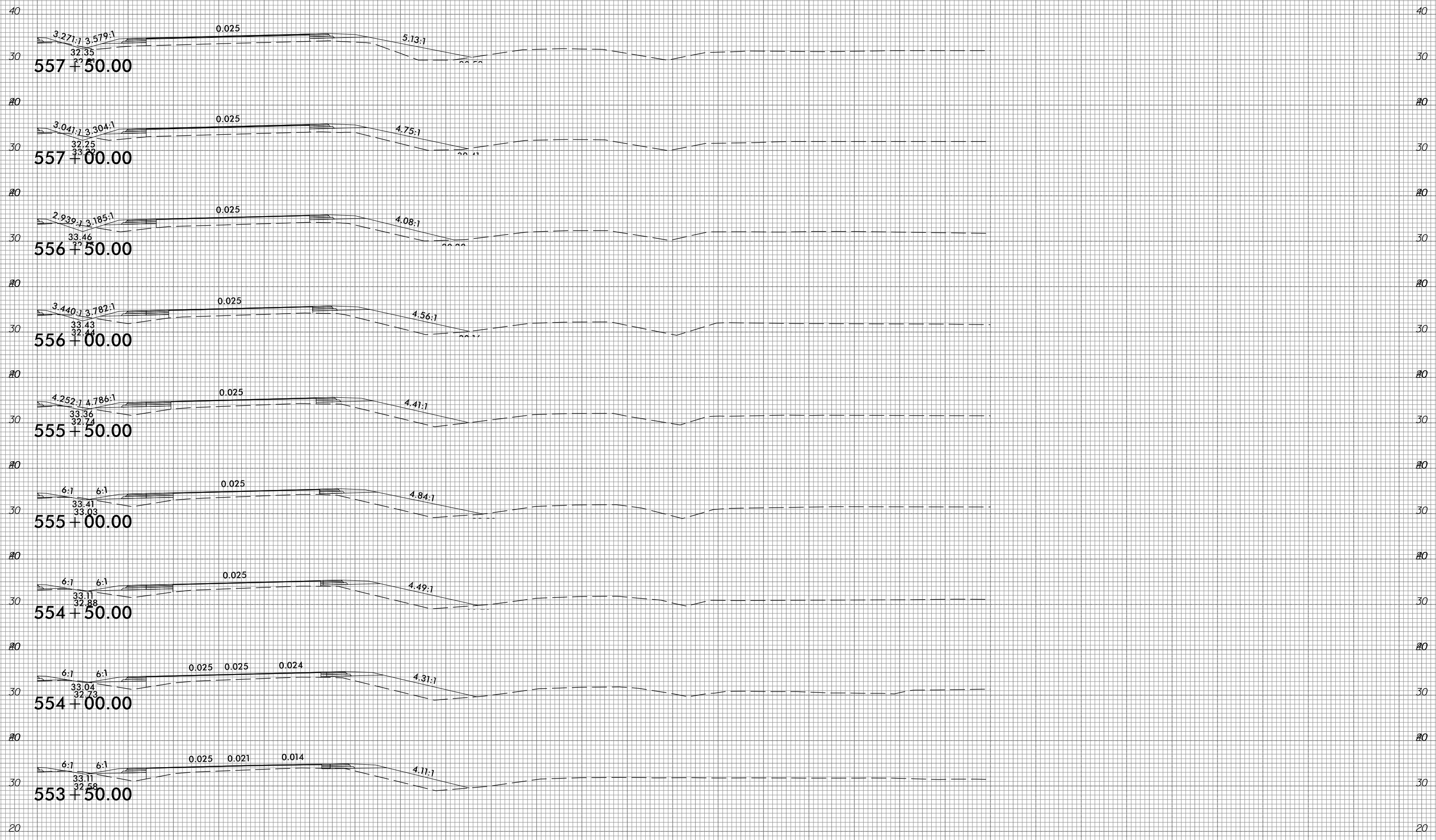


10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

10/31/2016 10:43:08 AM G:\RA\9729-02\CADD\R1015\Roadway\XSC\R1015\_xp1.L.dgn gncdjin



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

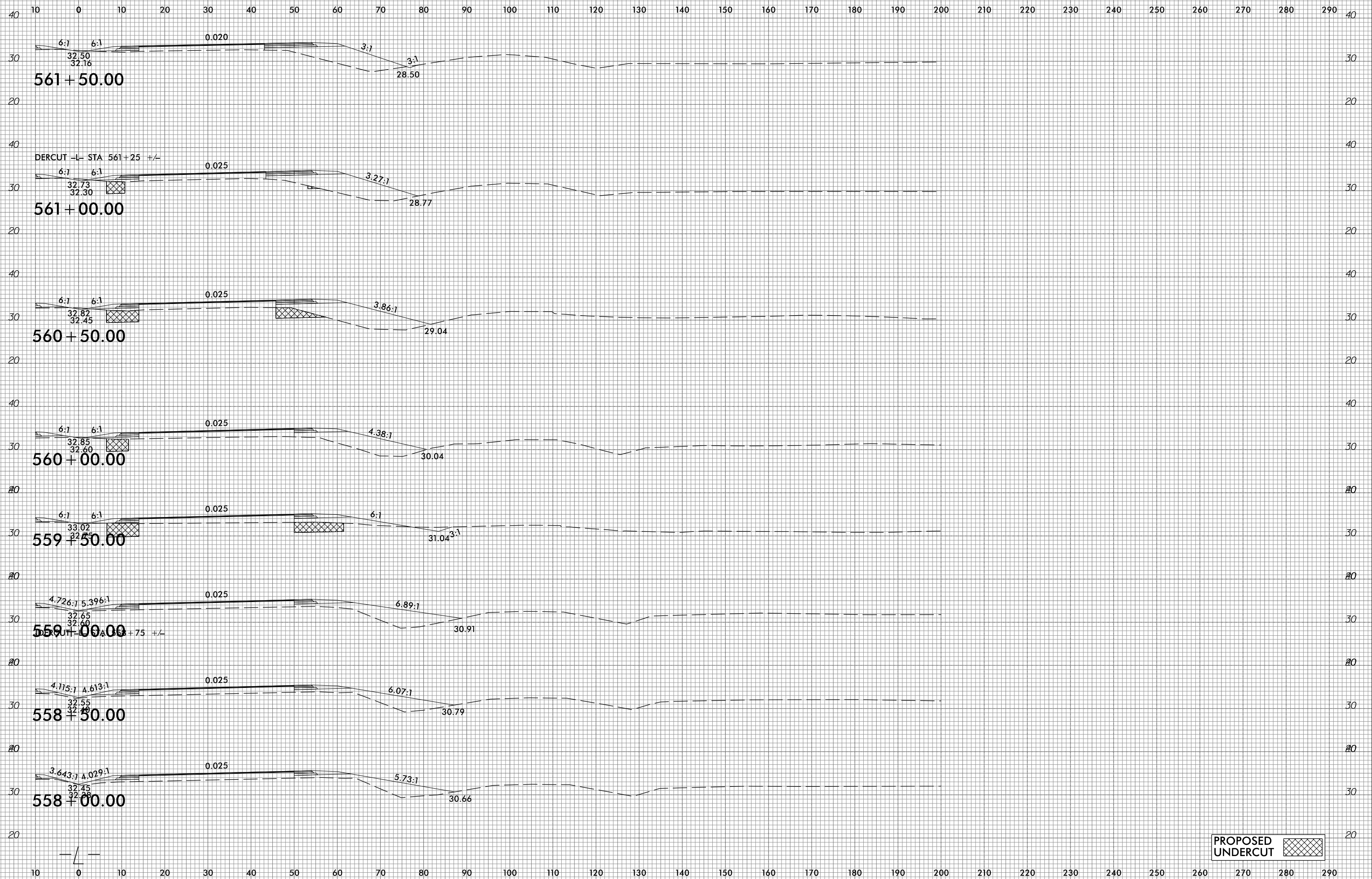


10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-275



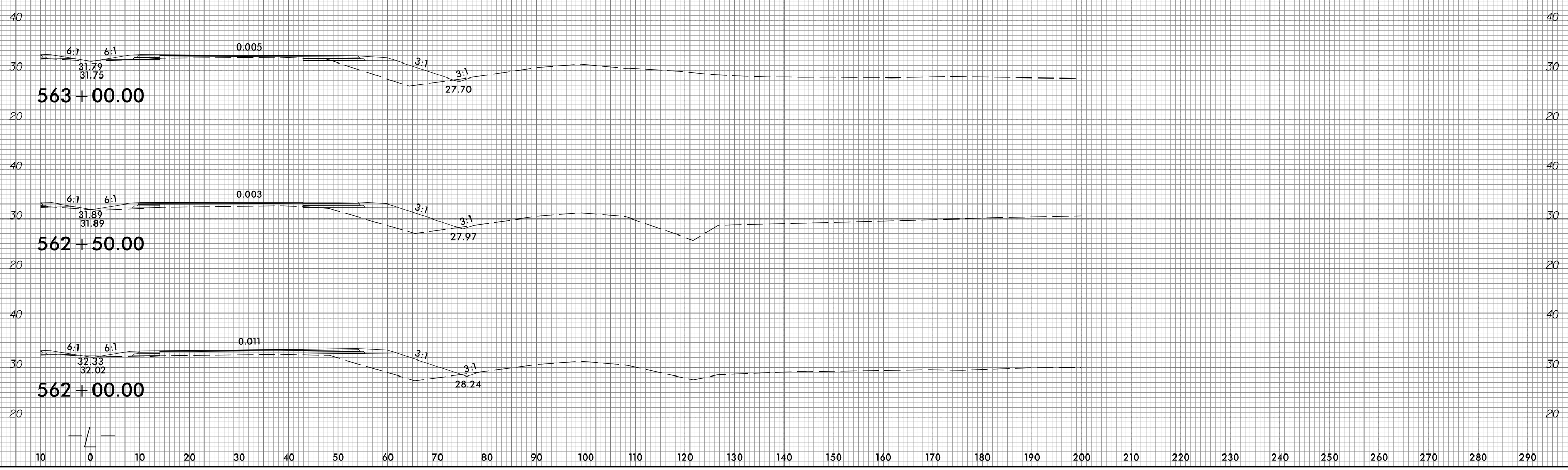
PROPOSED UNDERCUT

10/31/2018  
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 gmc311



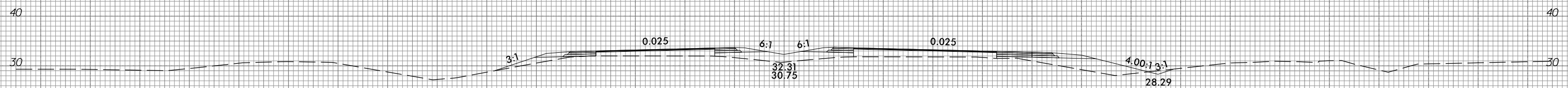


10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

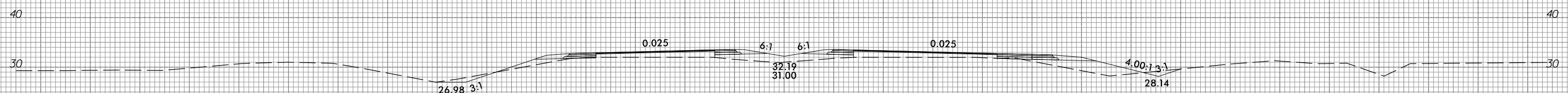


10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

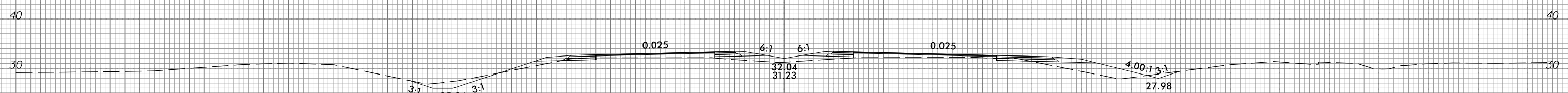
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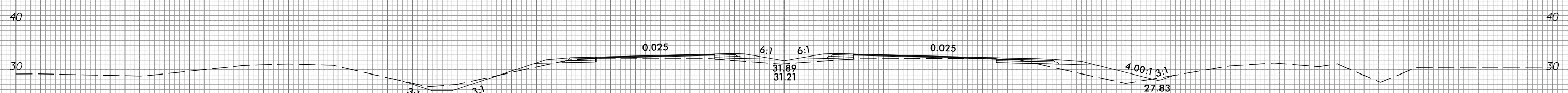
566 + 00.00



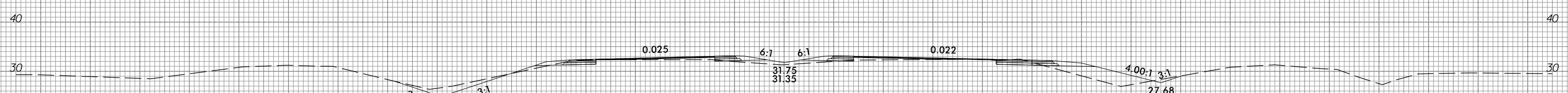
565 + 50.00



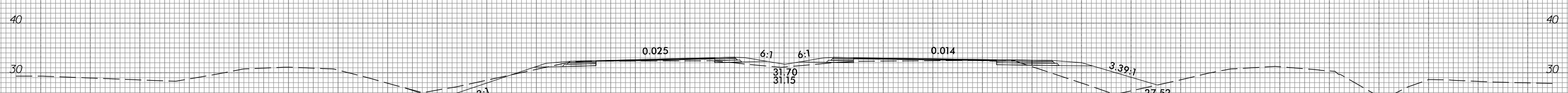
565 + 00.00



564 + 50.00



564 + 00.00



563 + 50.00

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

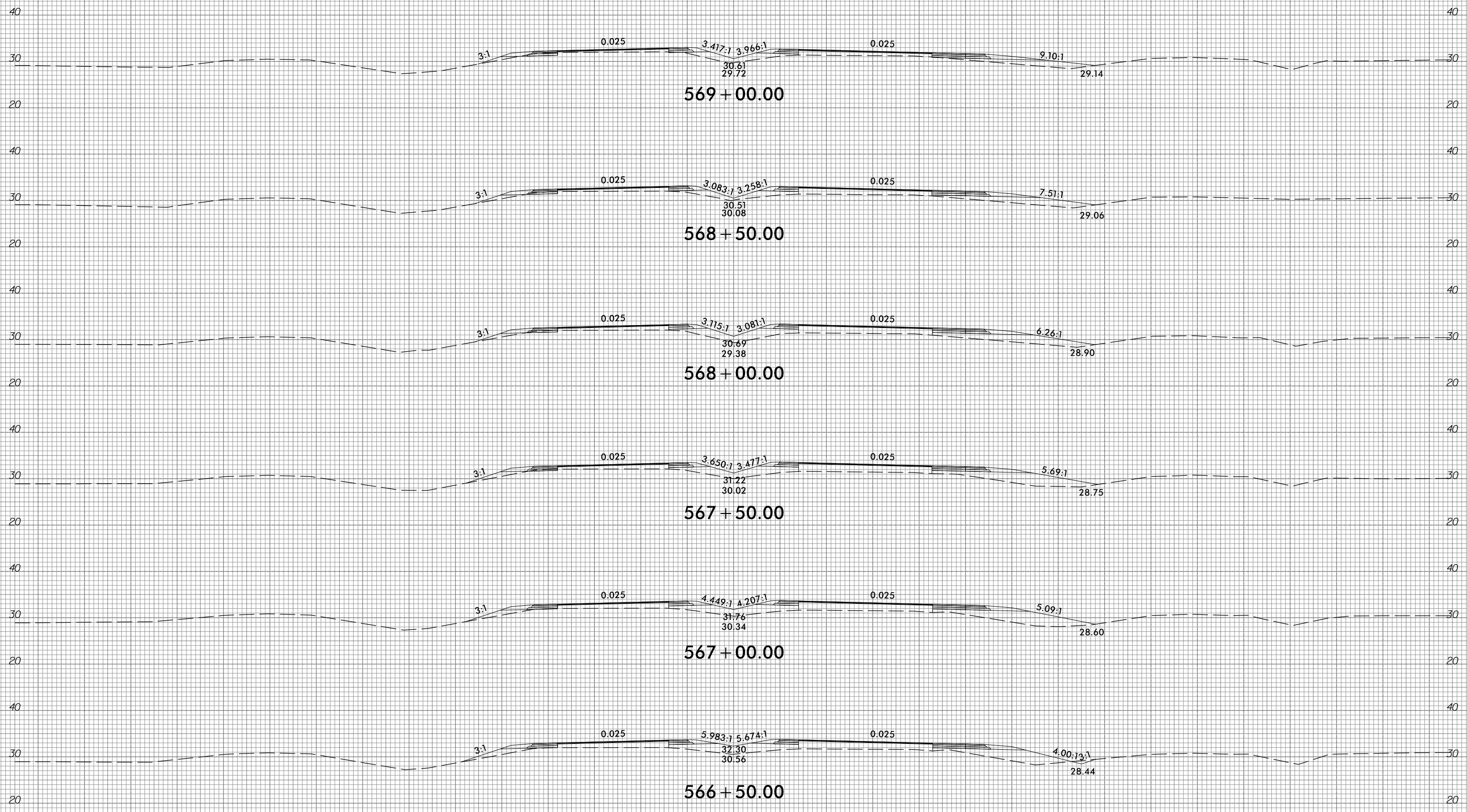
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-278

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



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

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gncdlin

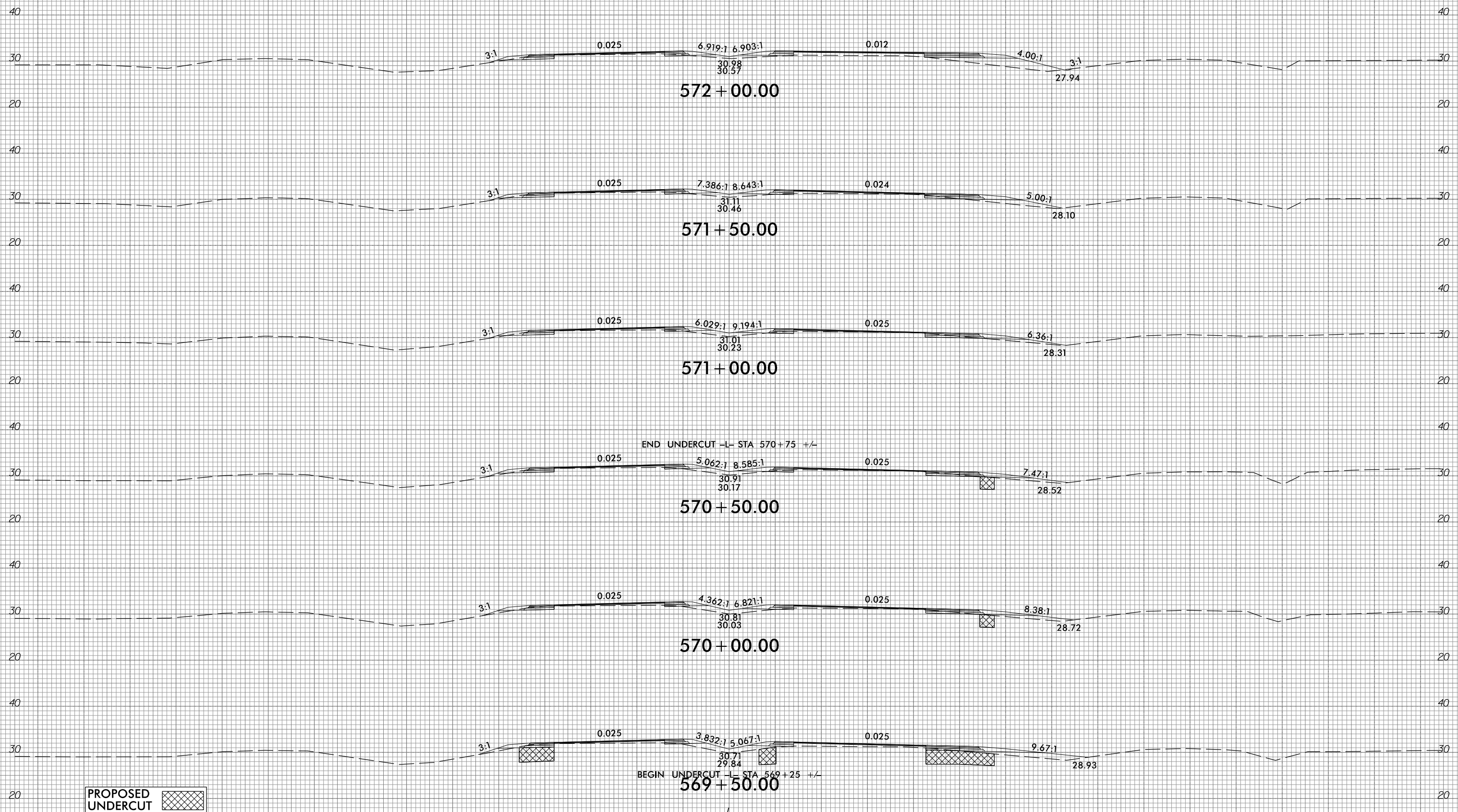
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-279

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



END UNDERCUT -L- STA 570+75 +/-

BEGIN UNDERCUT -L- STA 569+25 +/-

PROPOSED UNDERCUT

10/31/2018  
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gncdlin

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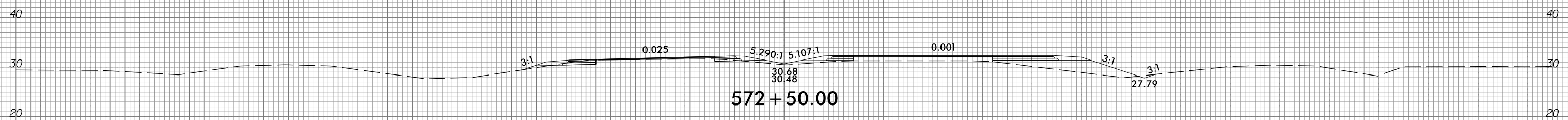
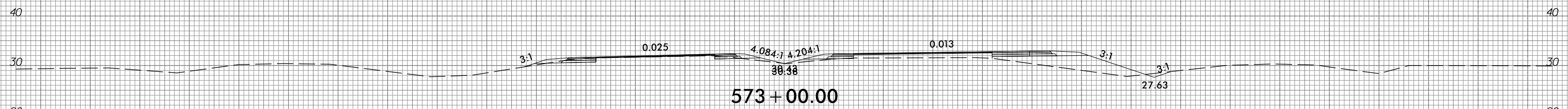
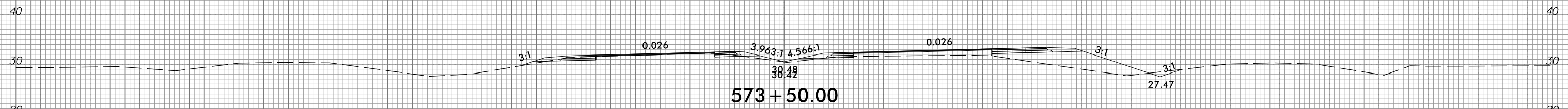
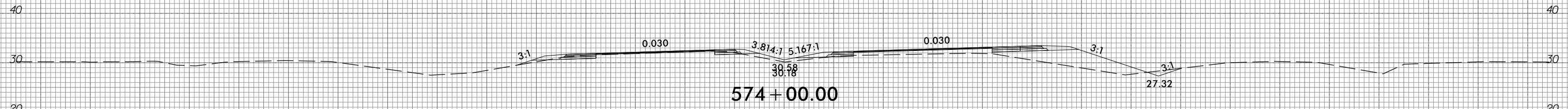
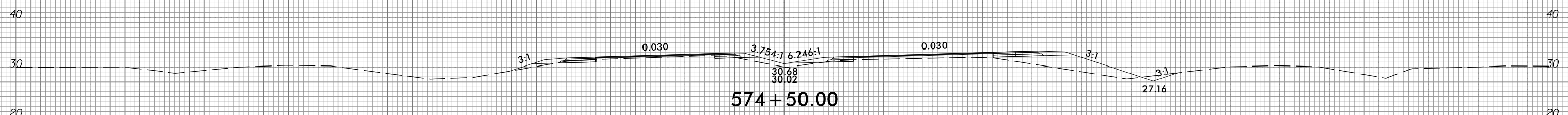
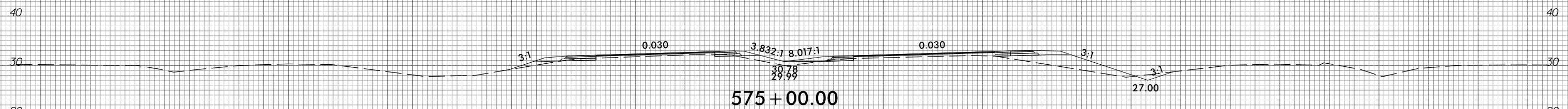
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-280

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



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

10/31/2016  
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gncdjin

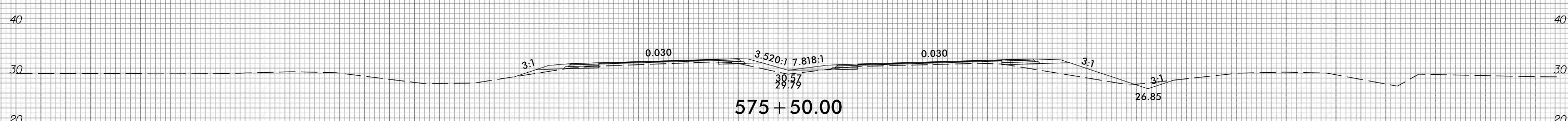
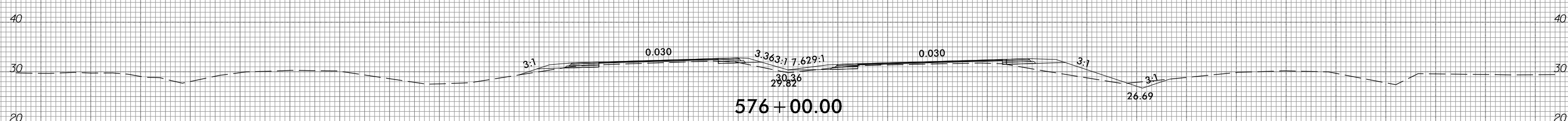
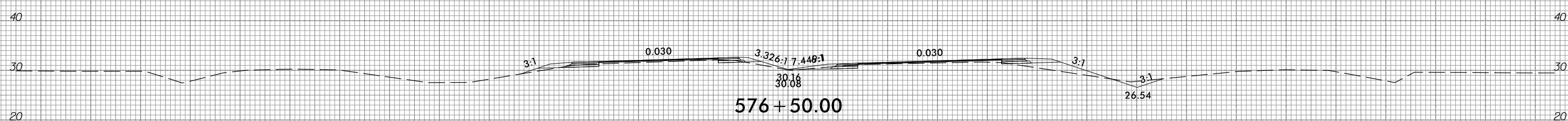
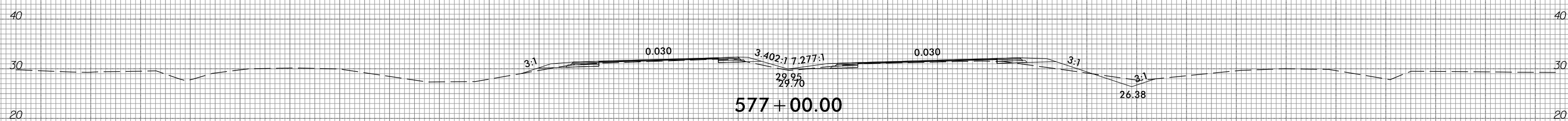
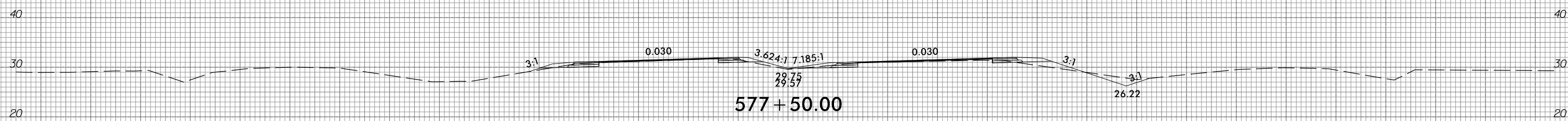
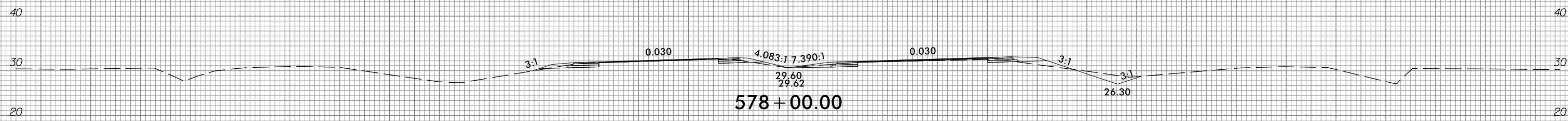
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-281

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

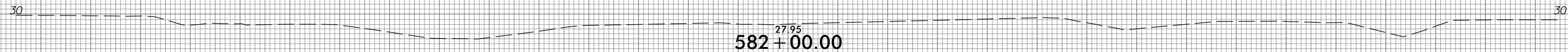


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

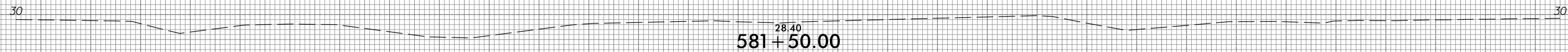
10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1.L.dgn  
gncdlin



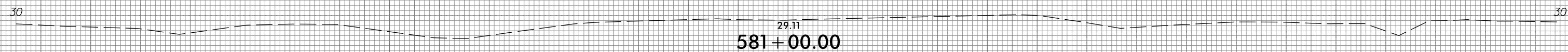
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



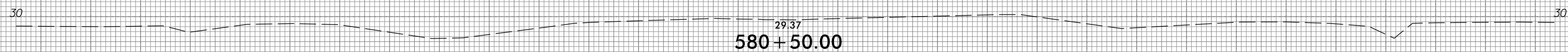
582+00.00



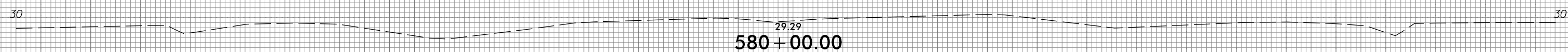
581+50.00



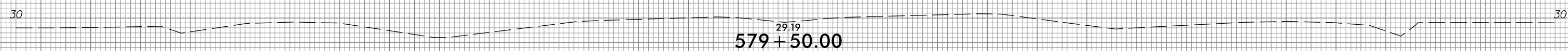
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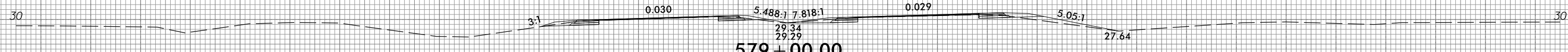
580+50.00



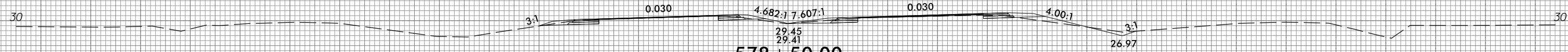
580+00.00



579+50.00



579+00.00



578+50.00

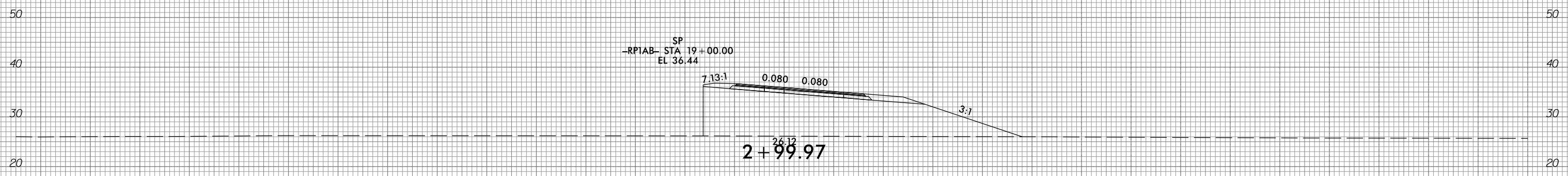
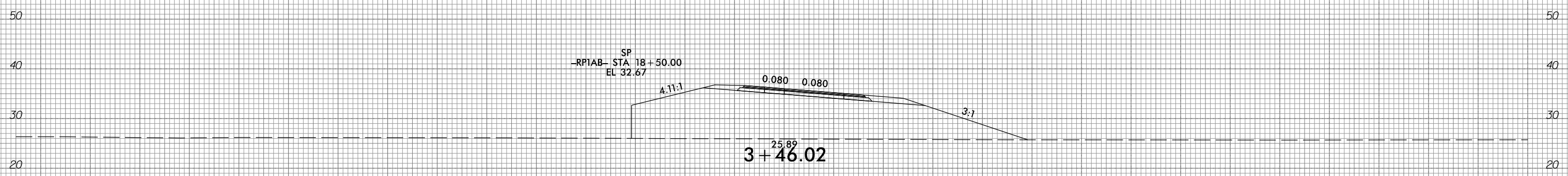
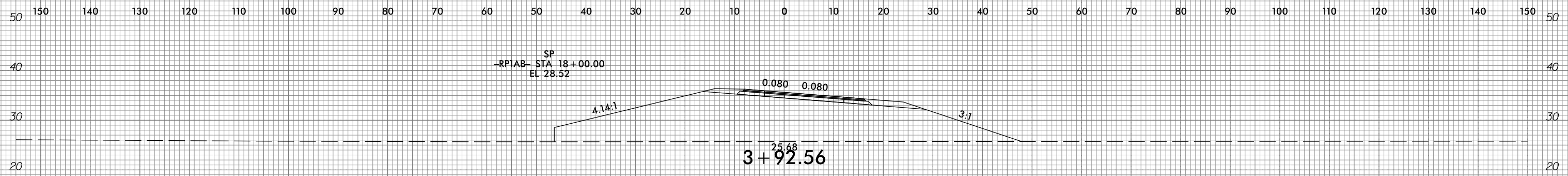
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-283



-RPIA-

10/31/2018  
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gncdlin



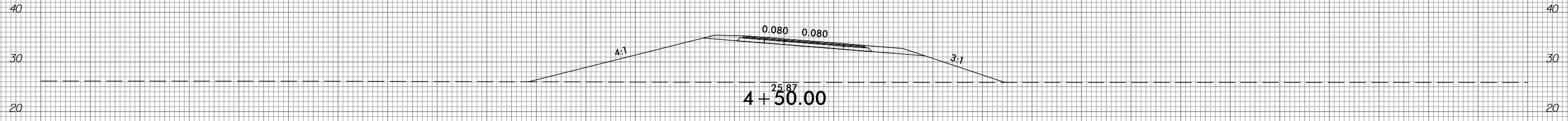
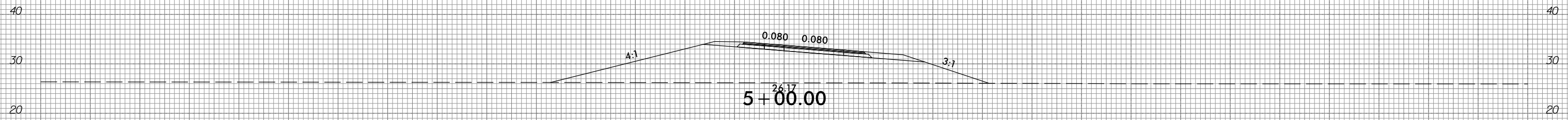
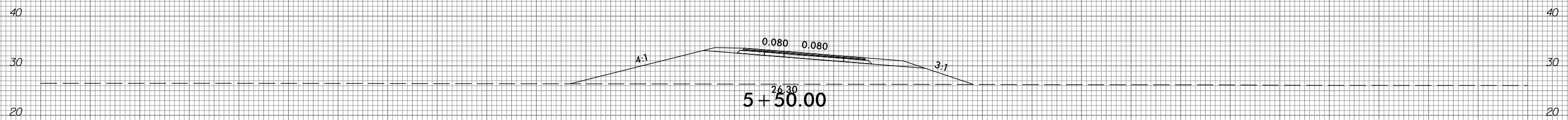
6/23/16



PROJ. REFERENCE NO.
R-1015

SHEET NO.
X-284

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



-RPIA-

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

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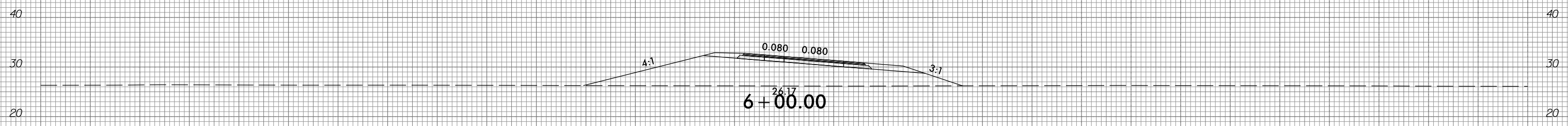
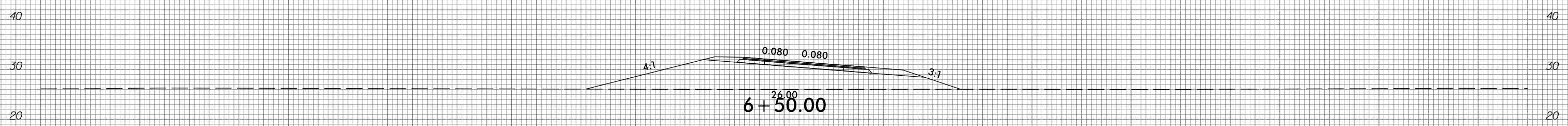
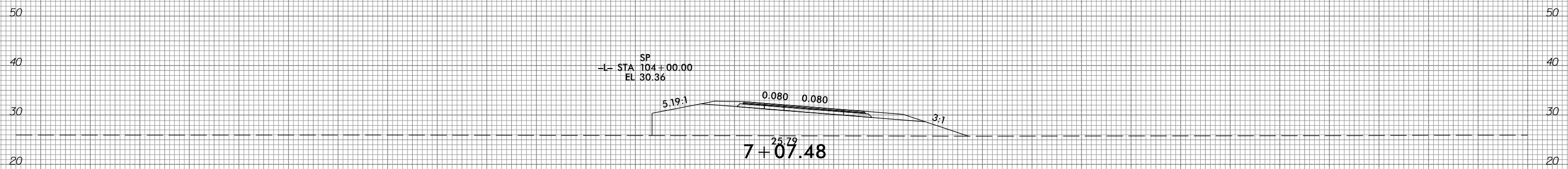
6/23/16



PROJ. REFERENCE NO.
R-1015

SHEET NO.
X-285

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



-RPIA-

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

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 gmc01in

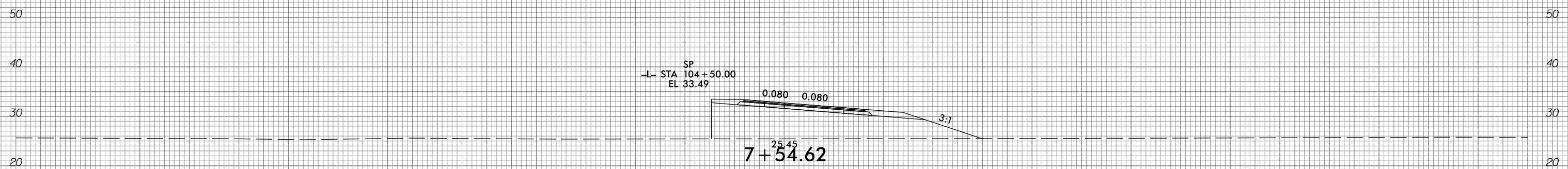
6/23/16



PROJ. REFERENCE NO.
R-1015

SHEET NO.
X-286

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



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

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 G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1\_RPIA.dgn  
 gncdlin

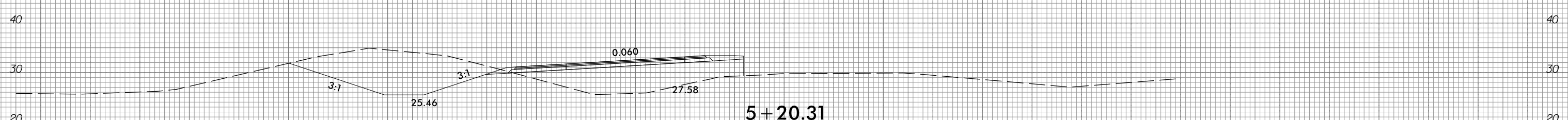
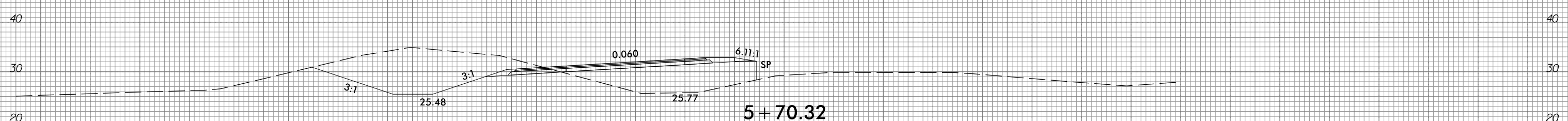
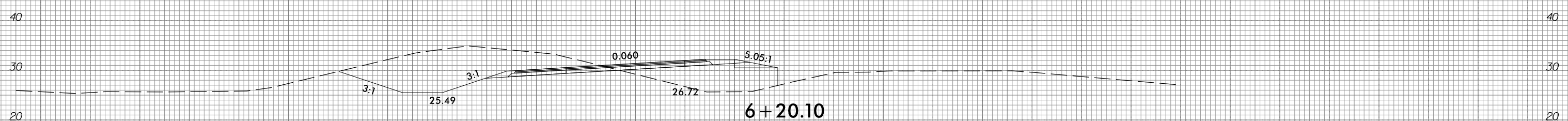
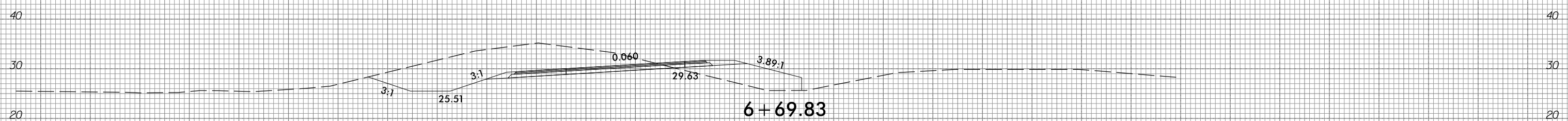
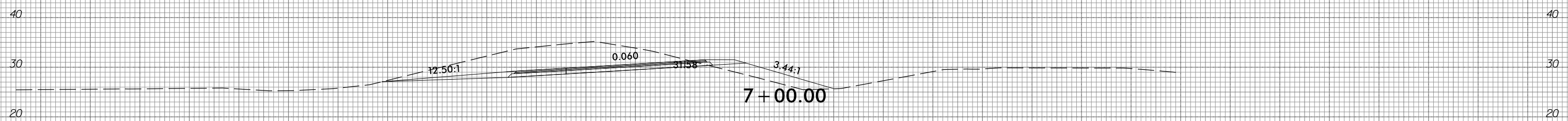
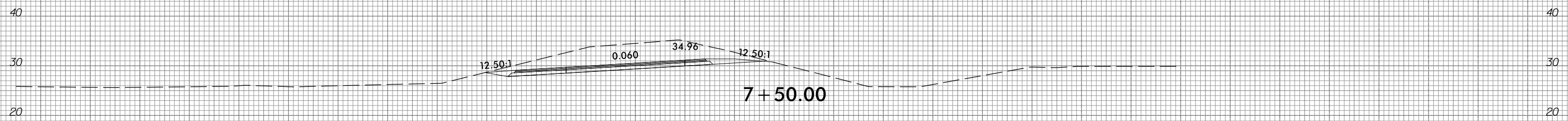
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-287

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



-RPB-

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

10/31/2018  
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gncdlin

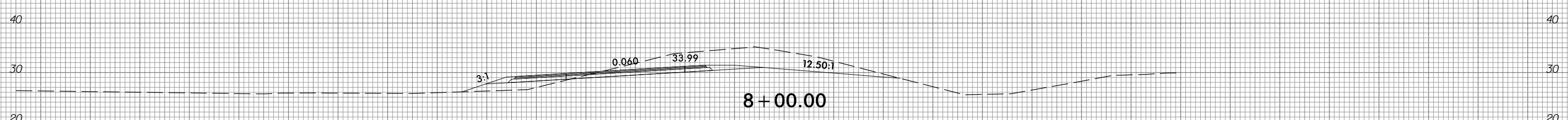
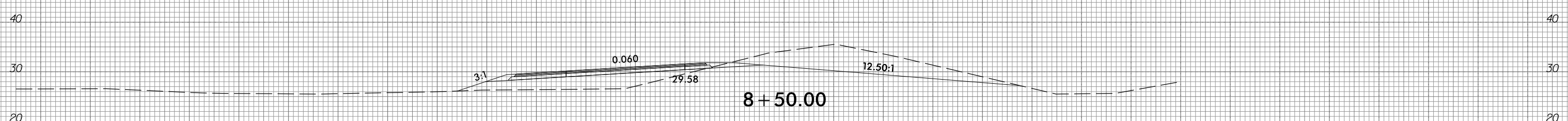
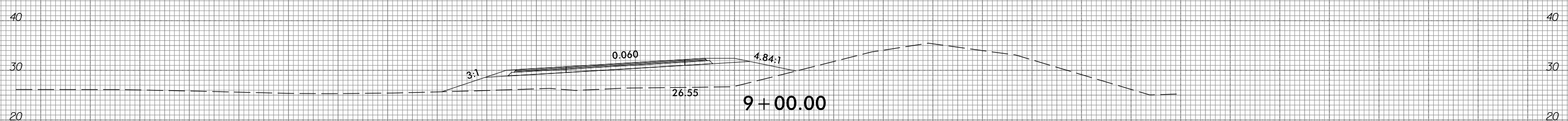
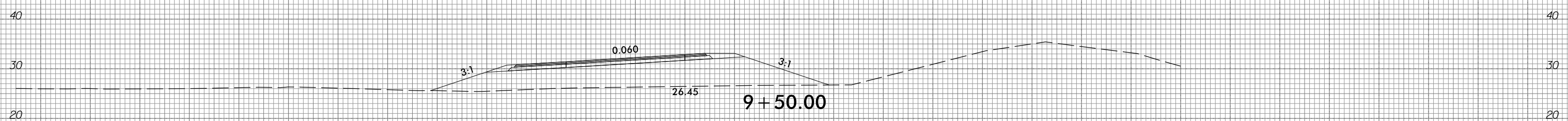
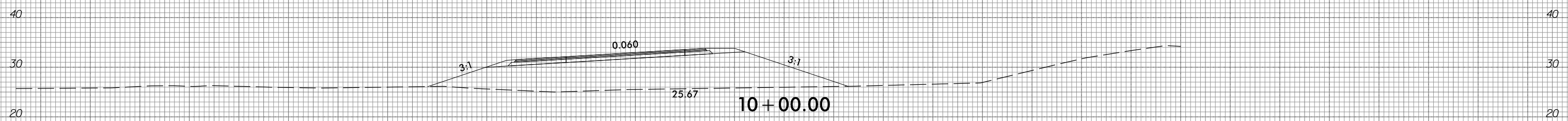
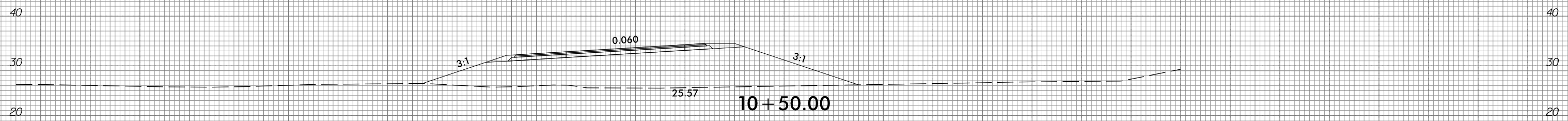
6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-288

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-288

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



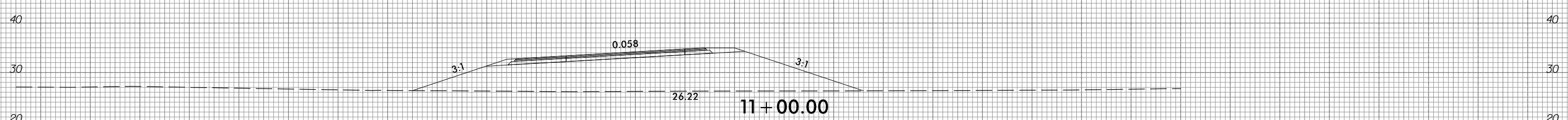
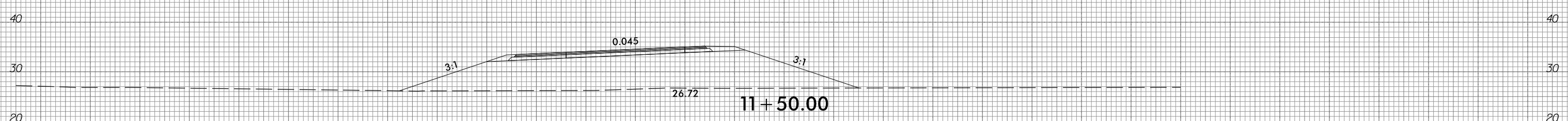
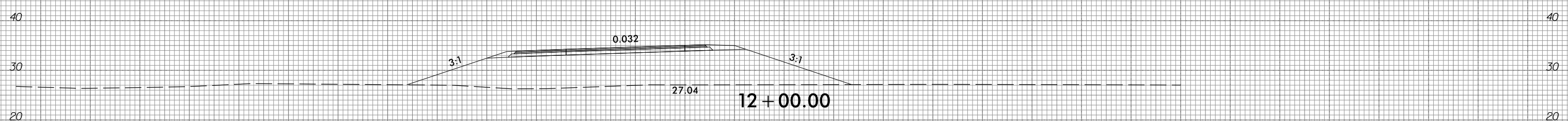
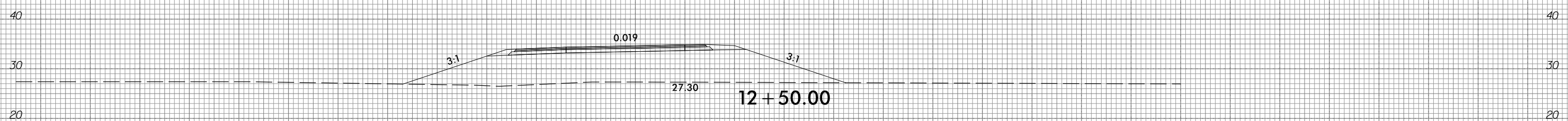
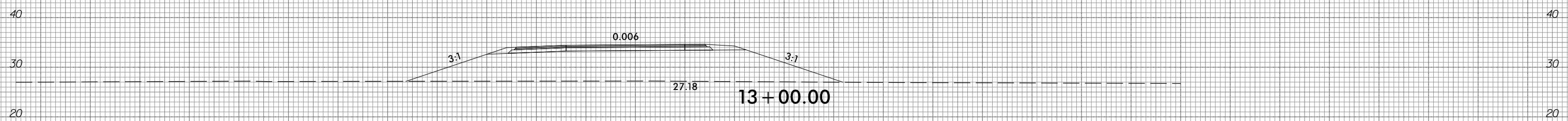
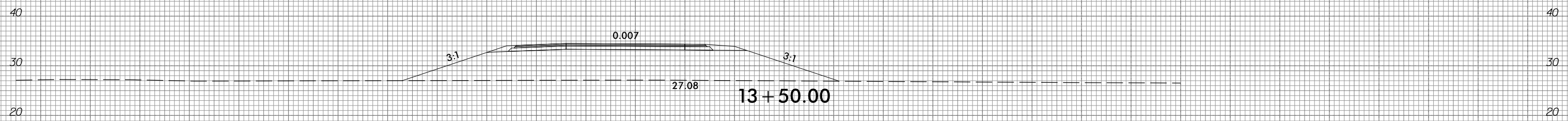
-RP1B-

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

10/31/2018  
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 gmc311



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



-RP1B-

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

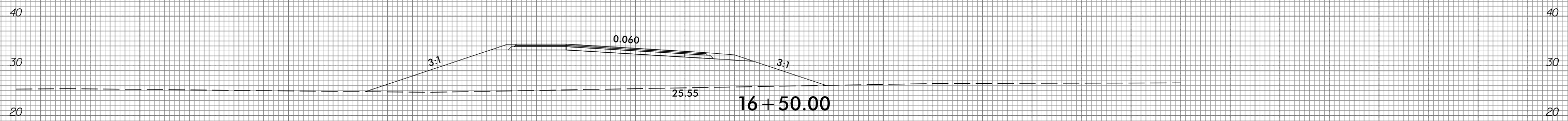
6/23/16



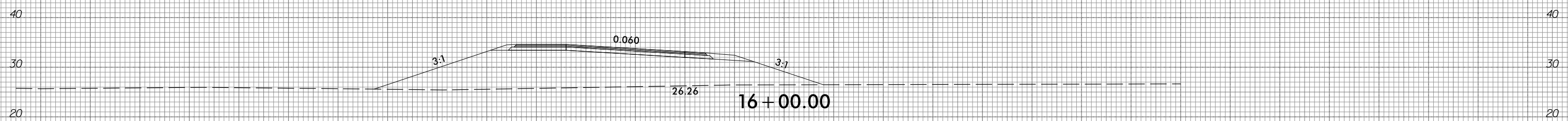
PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-290

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-290

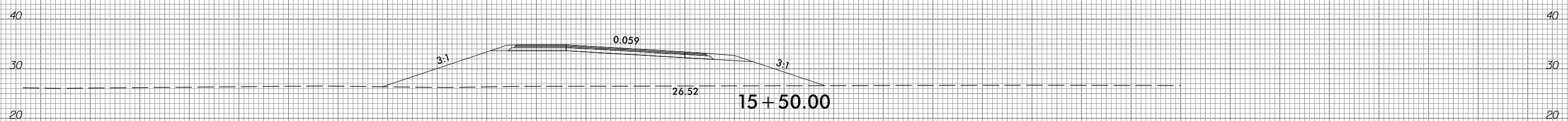
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170



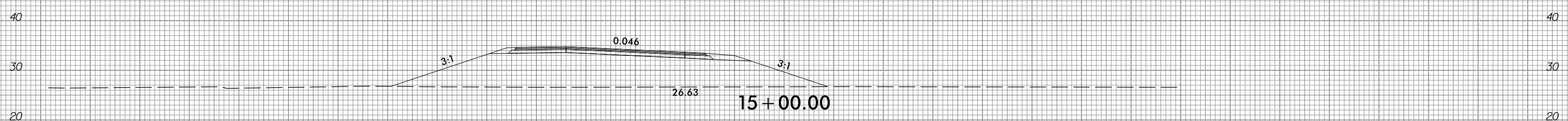
16 + 50.00



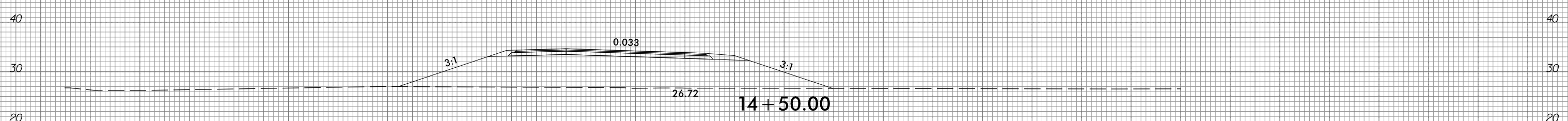
16 + 00.00



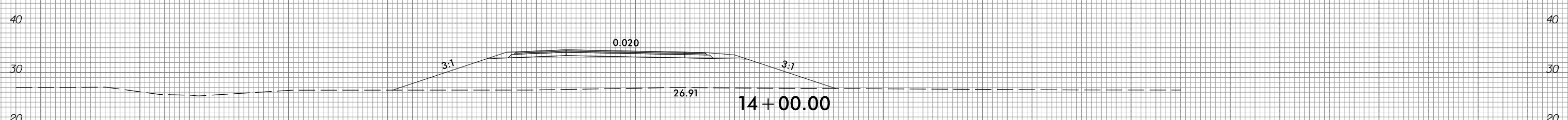
15 + 50.00



15 + 00.00



14 + 50.00



14 + 00.00

-RP1B-

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

10/31/2018  
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 gmc31in

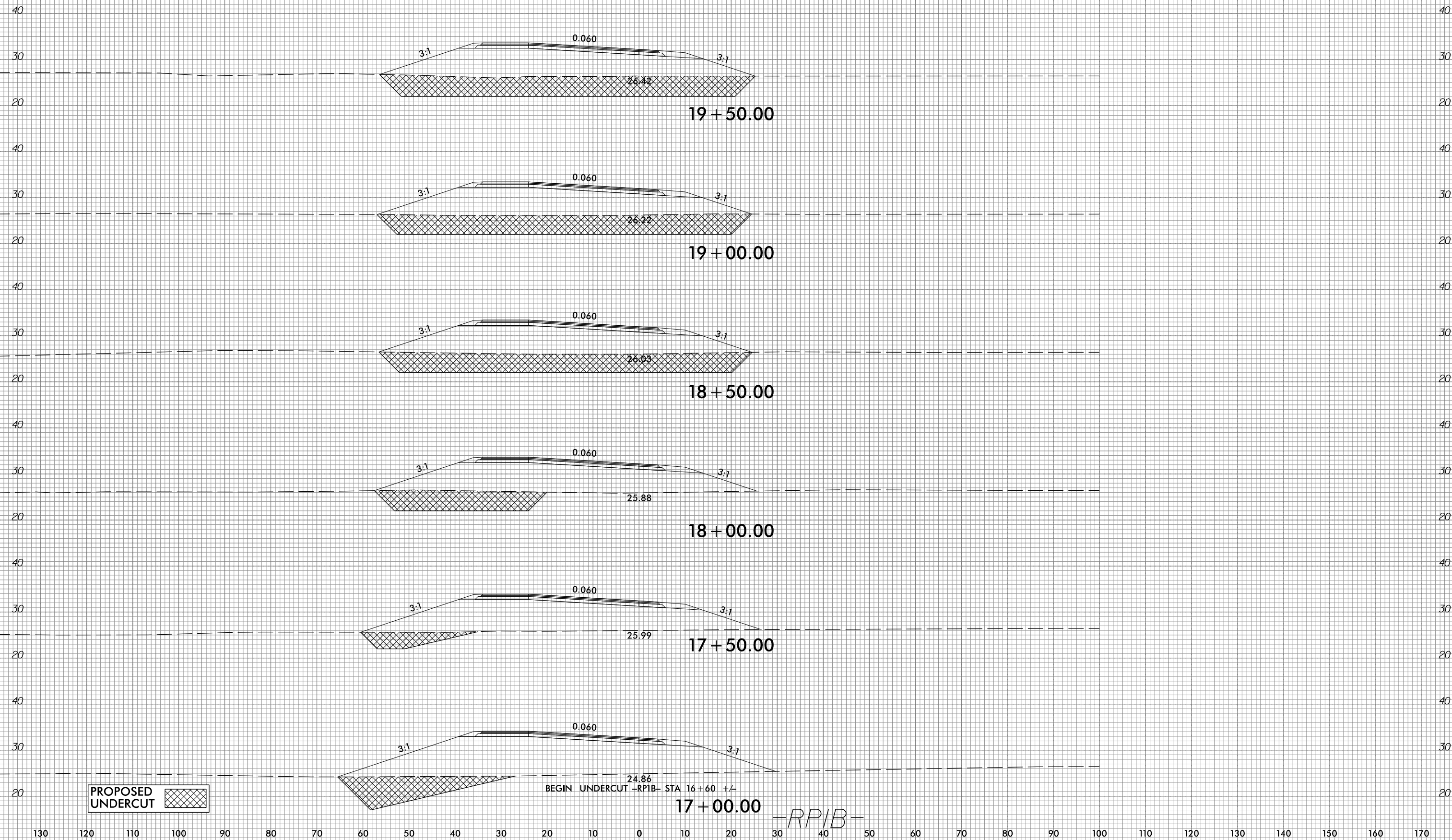
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-291

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



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gncdlin

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



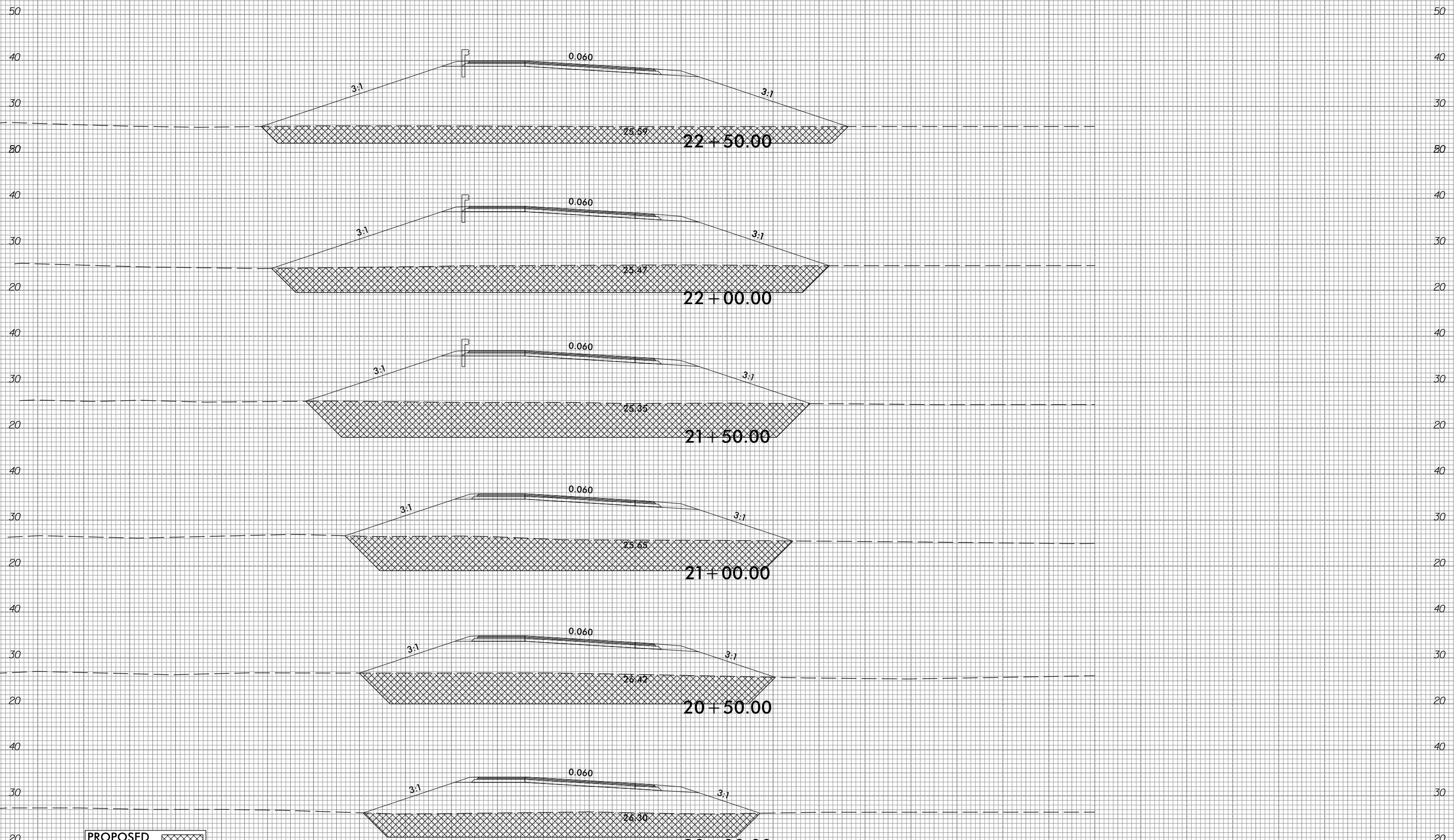
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-292

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



PROPOSED UNDERCUT

-RP/B-

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

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G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1\_RP/B.dgn  
gncdlin

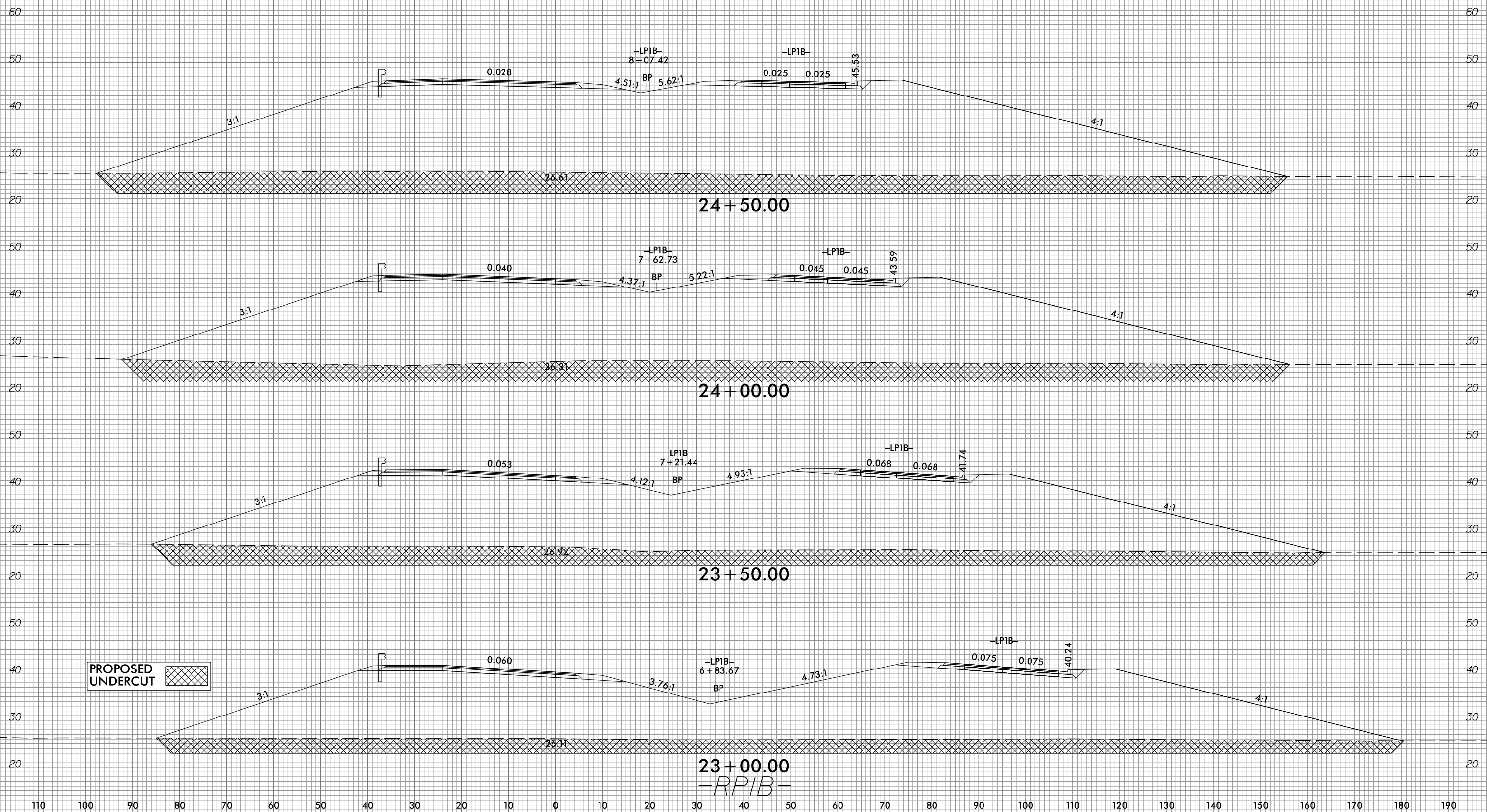
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-293

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



10/31/2016  
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gncdlin

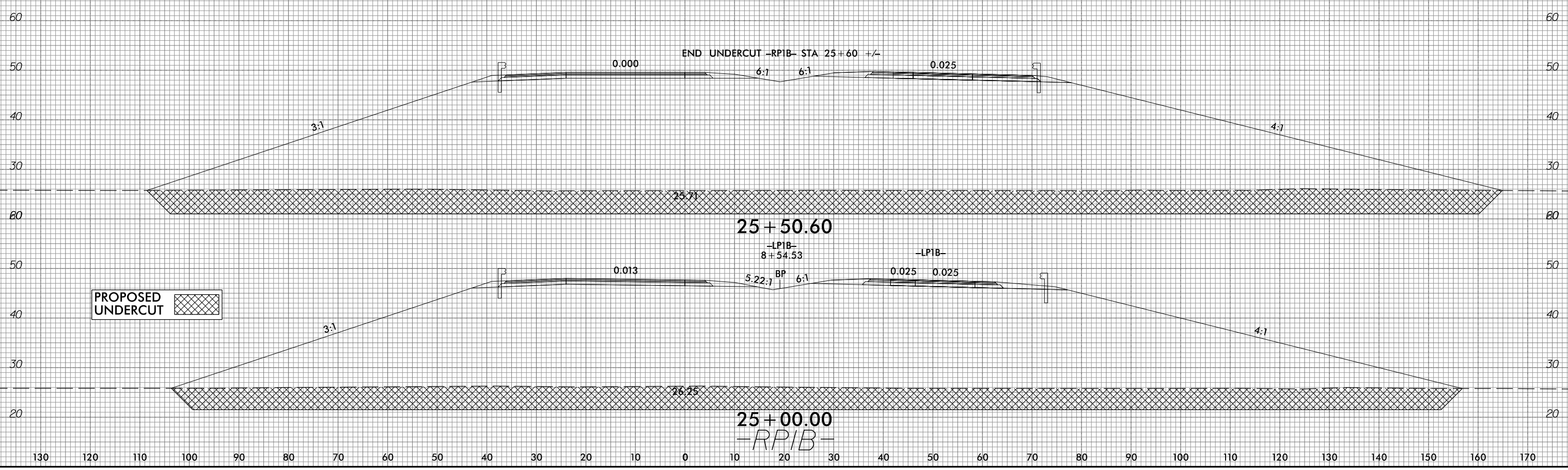
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-294

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



10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1\_RPiB.dgn  
gncdlin

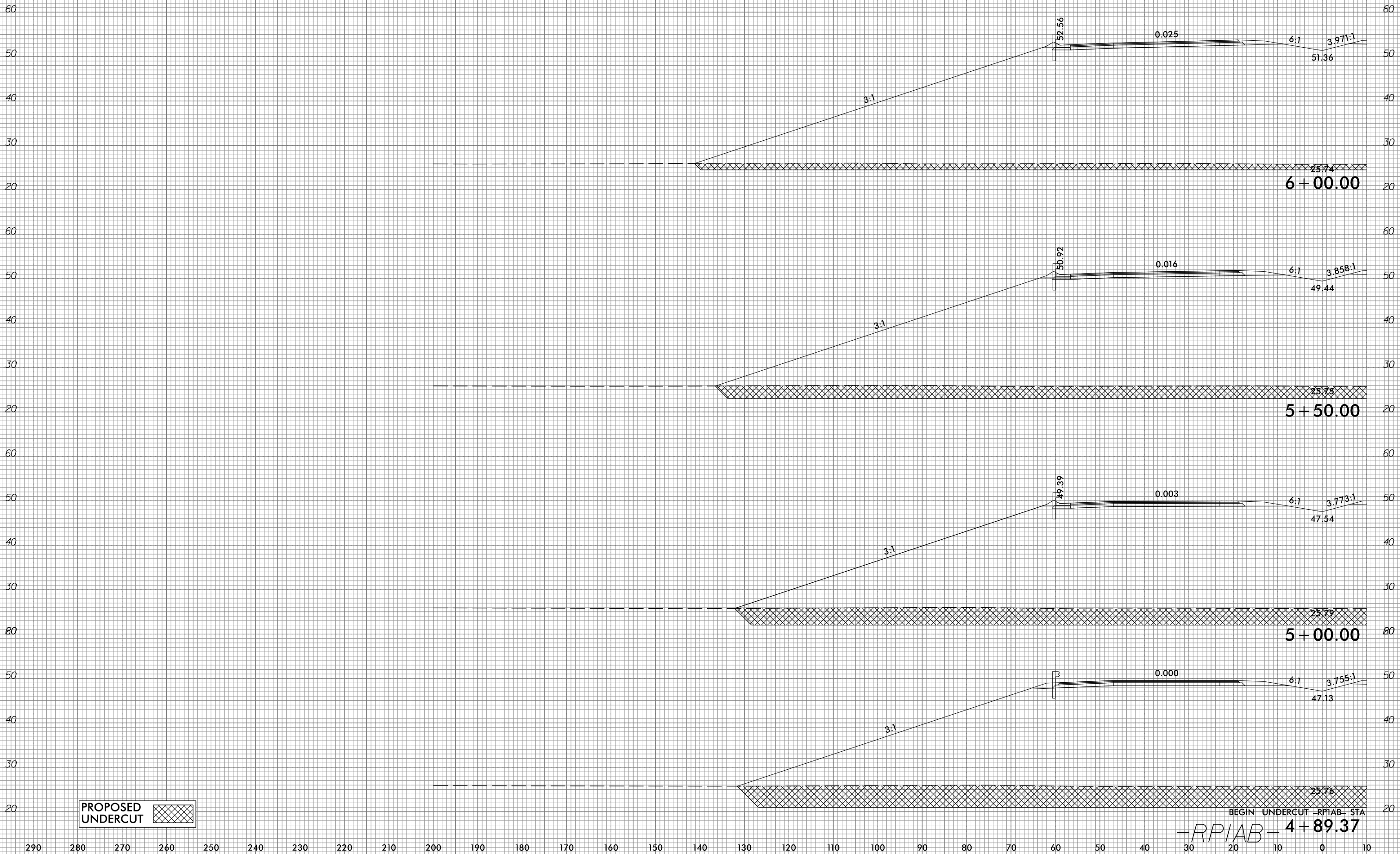
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-295

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



PROPOSED UNDERCUT

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

10/31/2018  
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gmc311

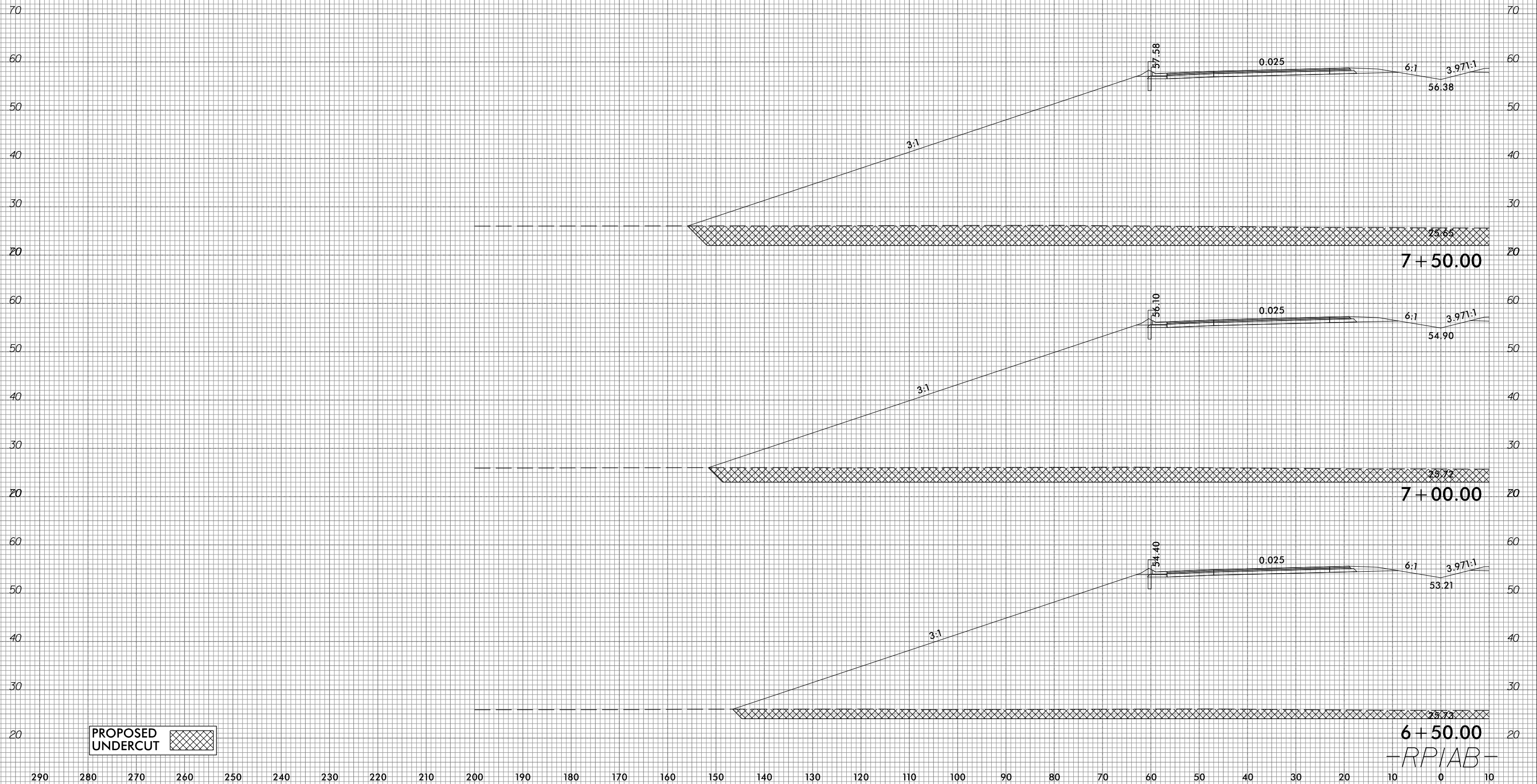
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-296

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



PROPOSED UNDERCUT

6+50.00  
-RPIAB-

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

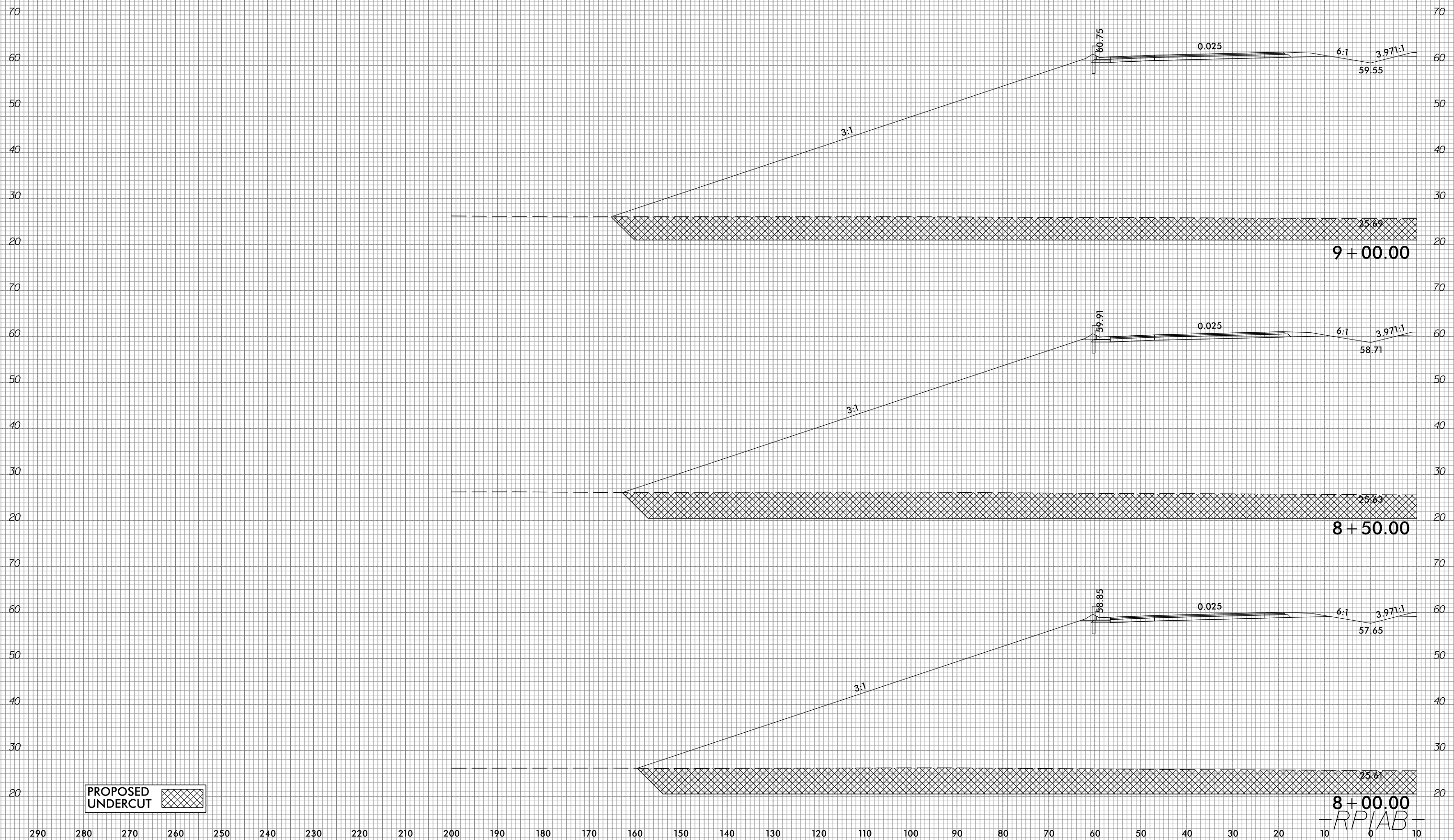
10/31/2018  
G:\RA\9729-02\CA00\RA1015\Roadway\XSC\RA1015\_xp1\_RPIAB.dgn  
gncdlin

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-297

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



10/31/2016  
 G:\RA\1729-02\CADD\1015\Roadway\XSC\1015\_xp1\_RPIAB.dgn  
 gmc311

8 + 00.00  
 -RPIAB-

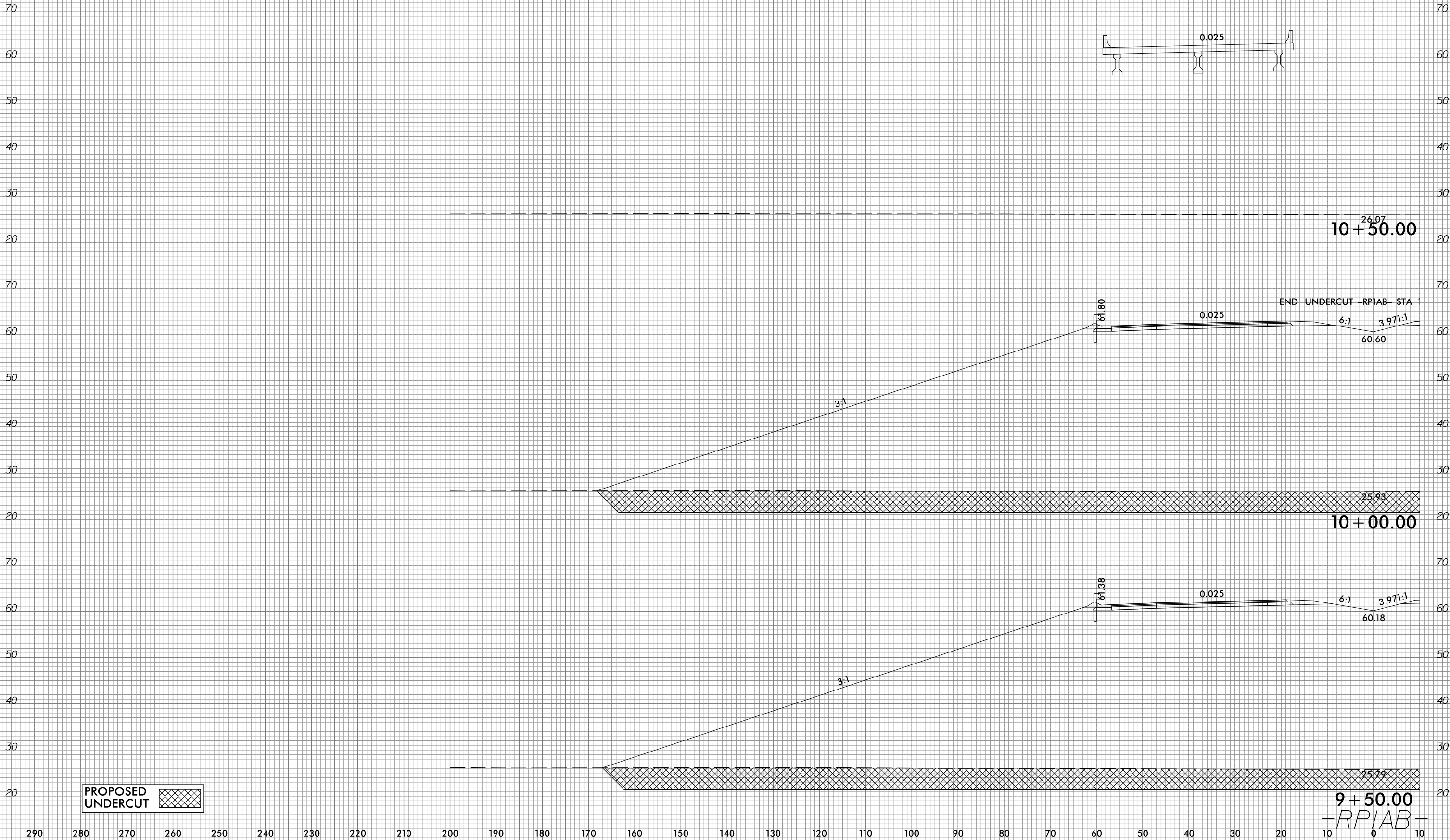
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-298

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



10+50.00

END UNDERCUT -RPIAB- STA

10+00.00

9+50.00

-RPIAB-

PROPOSED UNDERCUT



10/31/2018  
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gncdlin

6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-299

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



<sup>26.43</sup>  
12+00.00

<sup>26.33</sup>  
11+50.00

<sup>26.20</sup>  
11+00.00

-RPIAB-

10/31/2016  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1\_RPIAB.dgn  
gncdlin

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-300

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

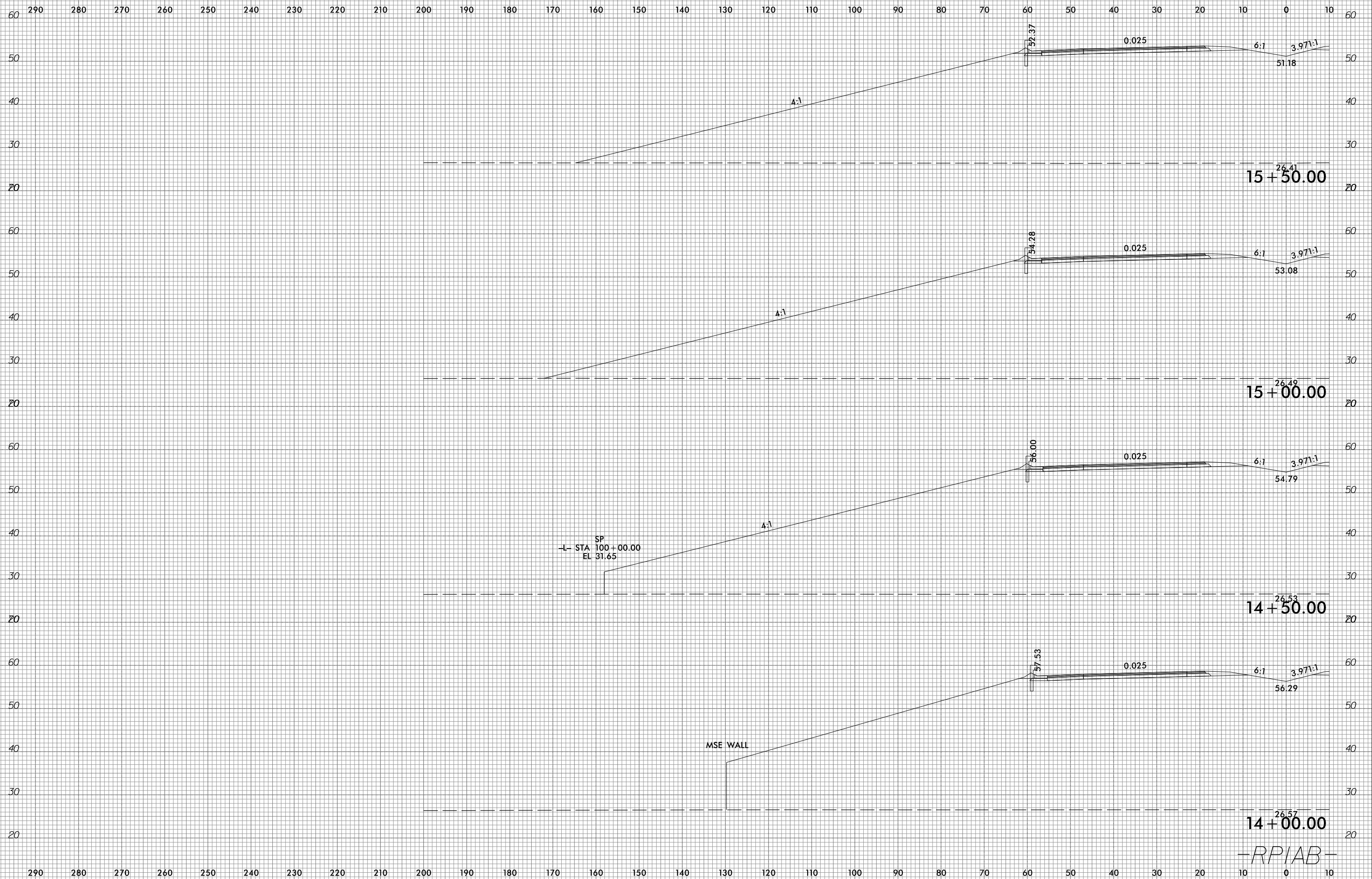
12+50.00  
-RPIAB-

10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1\_RPIAB.dgn  
gncdlin

6/23/16



PROJ. REFERENCE NO. R-1015	SHEET NO. X-301
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gncdjin

-RPIAB-

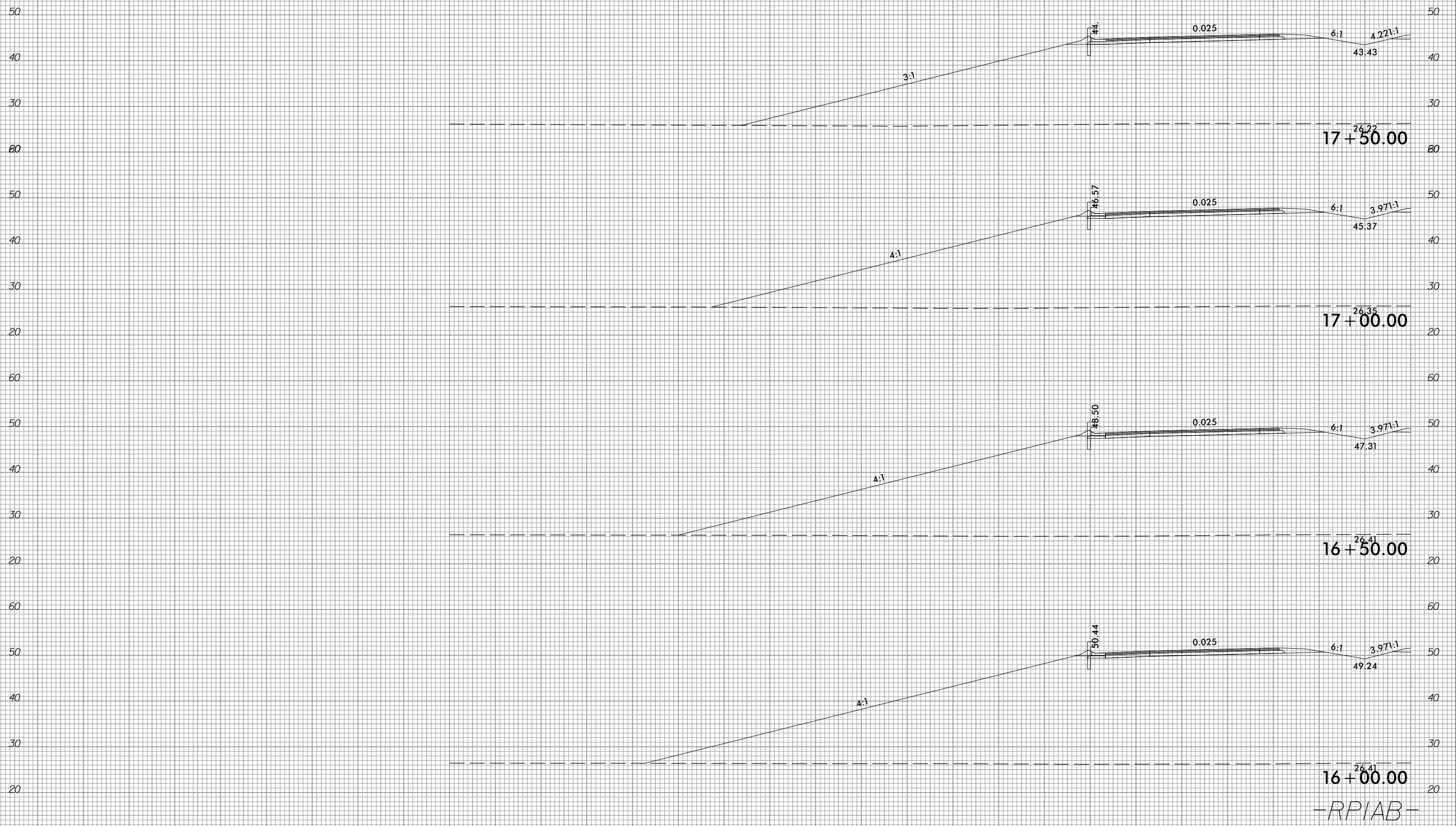
6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-302

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-302

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



16+00.00  
-RPIAB-

10/31/2018  
G:\RA\9729-02\CADD\1015\Roadway\XSC\1015\_xp1\_RPIAB.dgn  
gncdlin

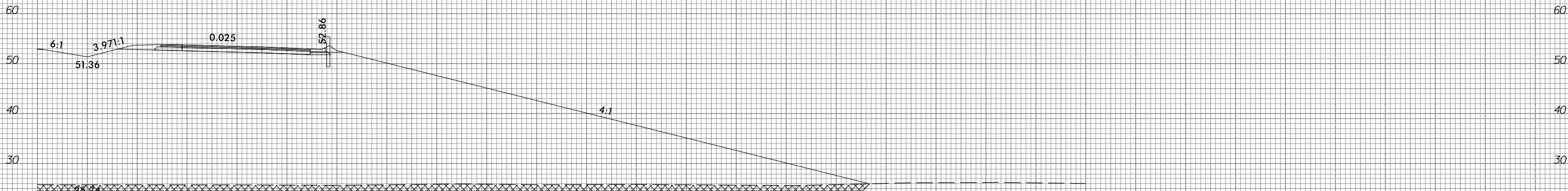
6/23/16



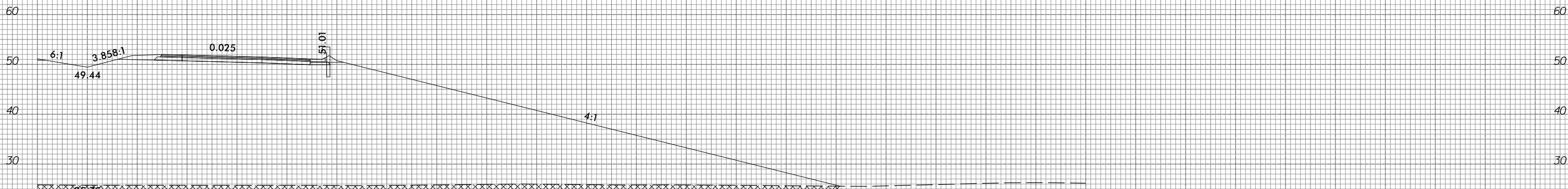
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-303

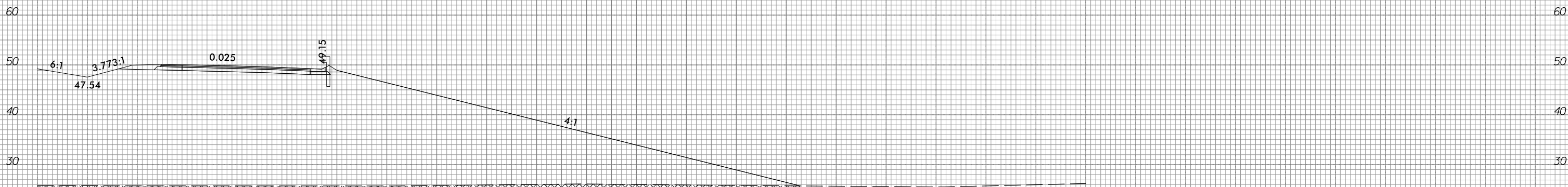
10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290



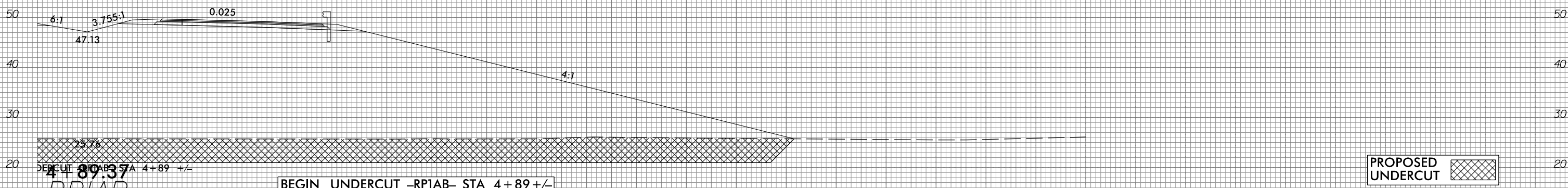
6 + 00.00



5 + 50.00



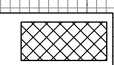
5 + 00.00



4 + 89.37

BEGIN UNDERCUT -RPIAB- STA 4+89 +/-

PROPOSED UNDERCUT



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

10/31/2018  
G:\RA\1729-02\CADD\1015\Roadway\XSC\1015\_xp1\_RPIAB.dgn  
gncdlin

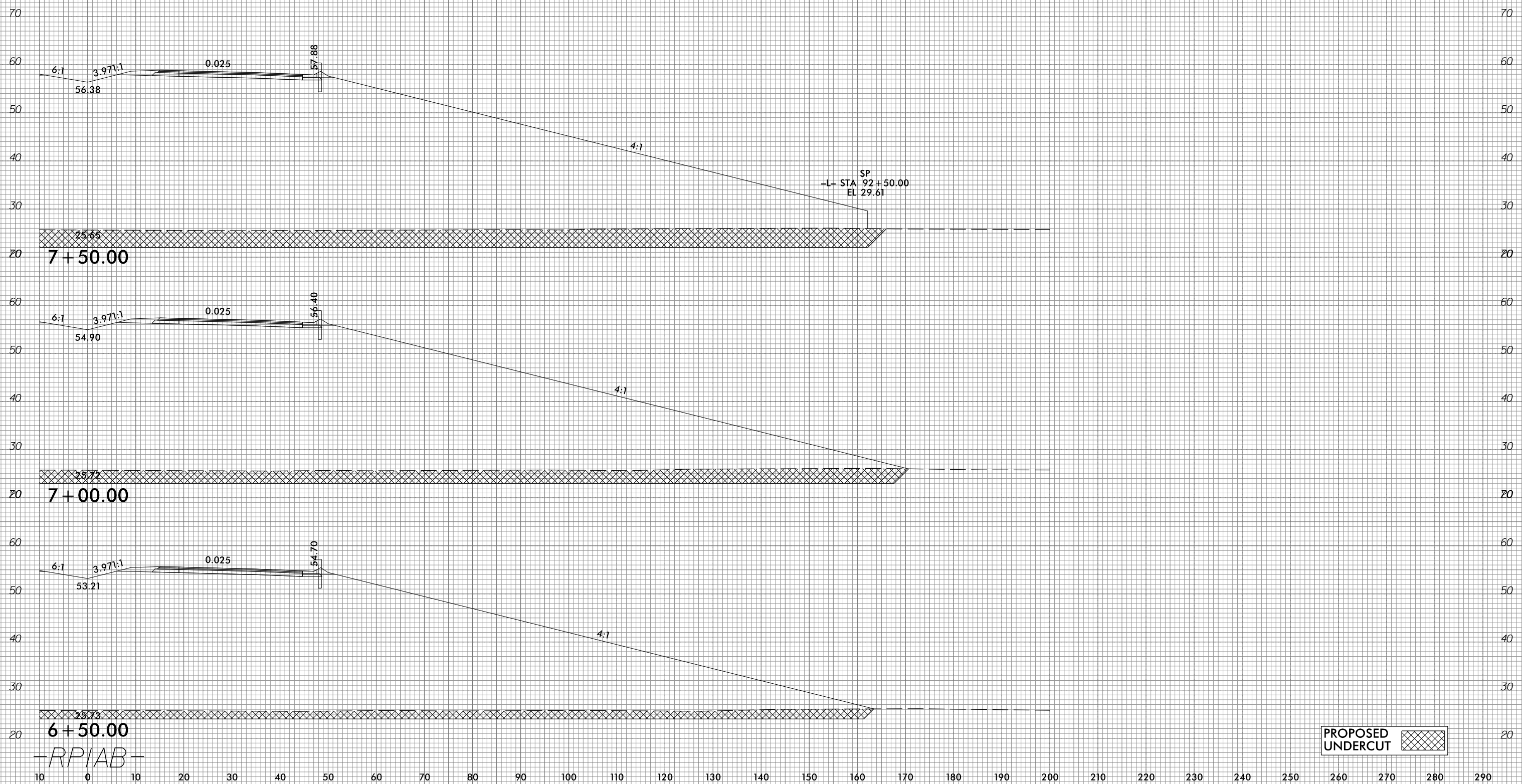
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-304

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gmc311

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

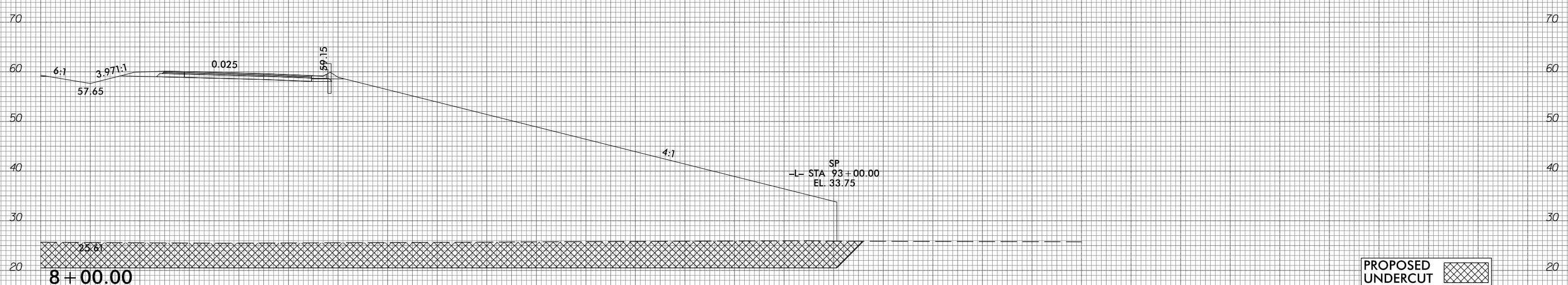
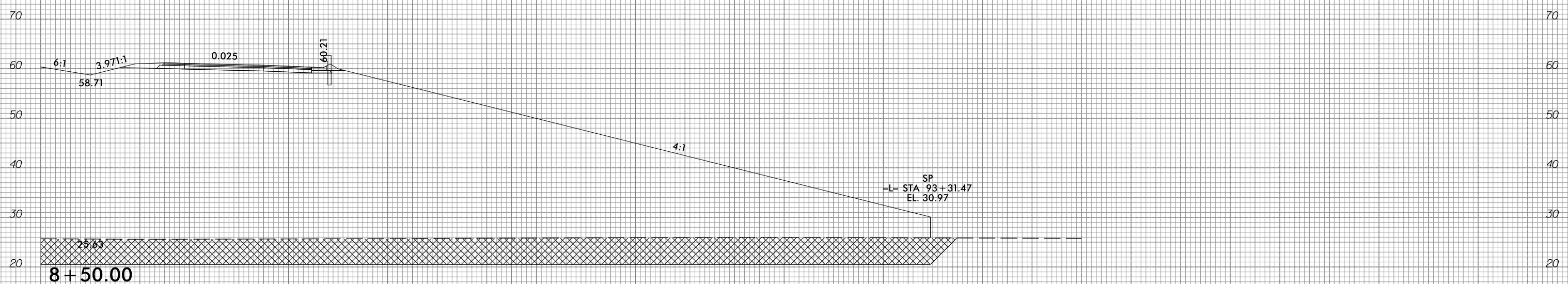
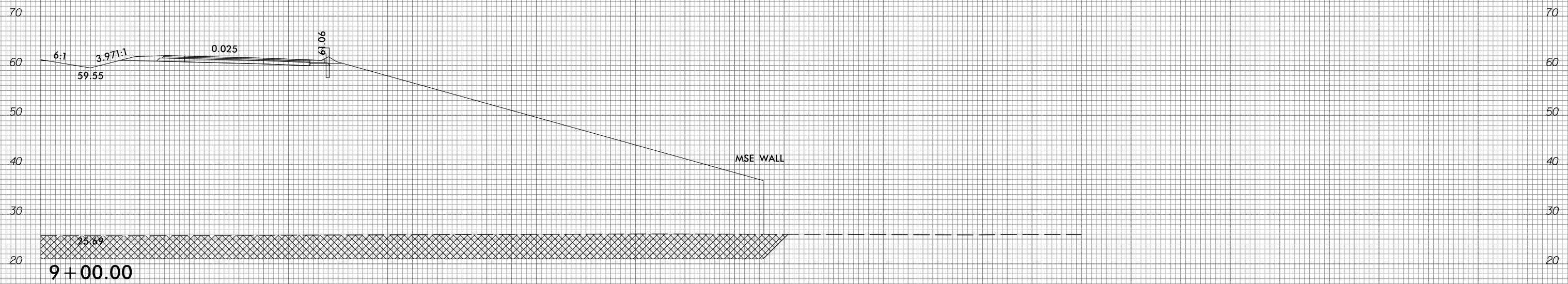
6/23/16



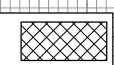
PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-305

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PROPOSED UNDERCUT



10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

10/31/2018  
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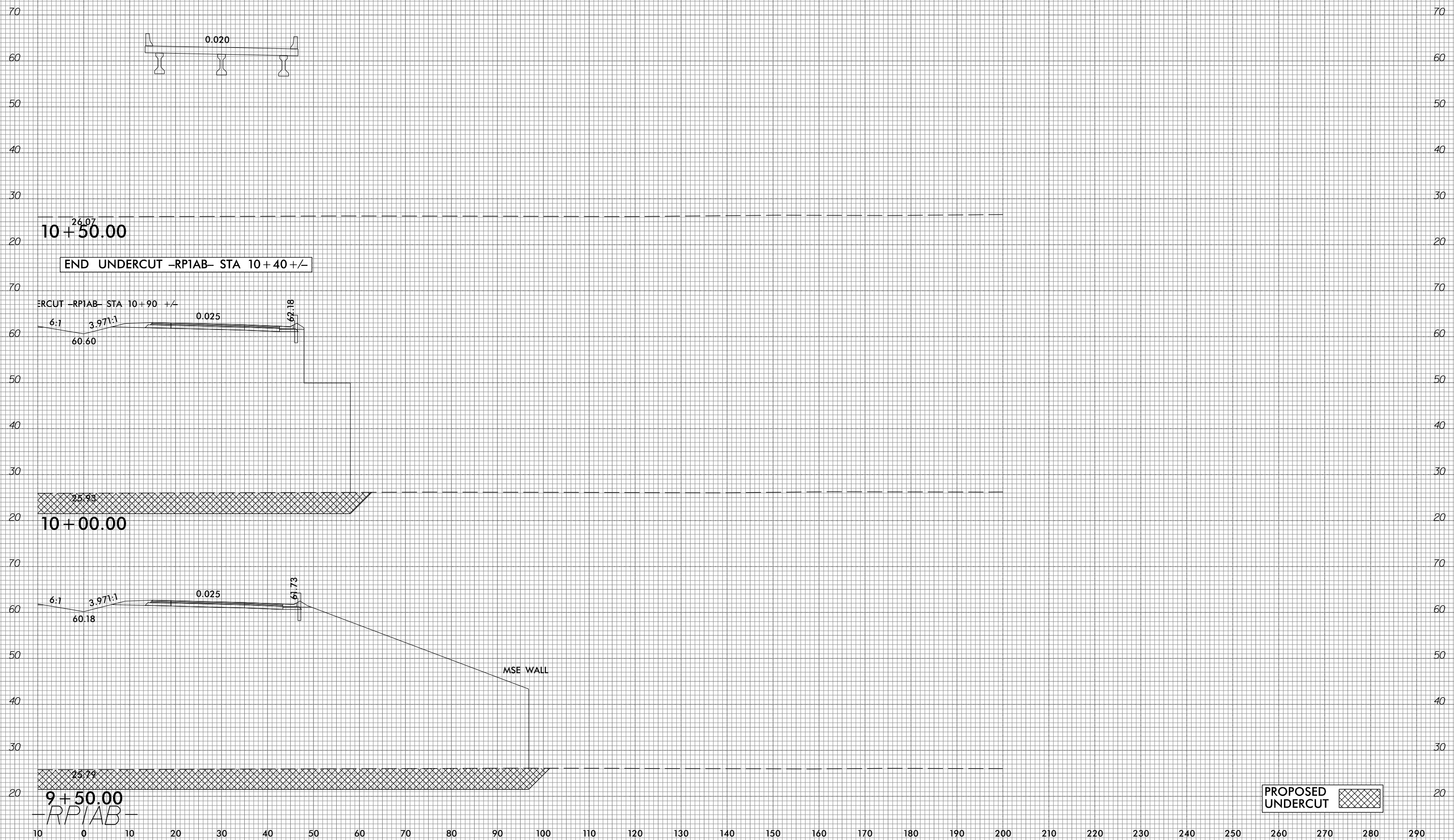
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-306

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PROPOSED UNDERCUT

10/31/2018  
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gncdlin

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

70

70

60

60

50

50

40

40

30

30

26.43  
12+00.00

20

70

70

60

60

50

50

40

40

30

30

26.33  
11+50.00

20

70

70

60

60

50

50

40

40

30

30

26.20  
11+00.00

20

-RPIAB-

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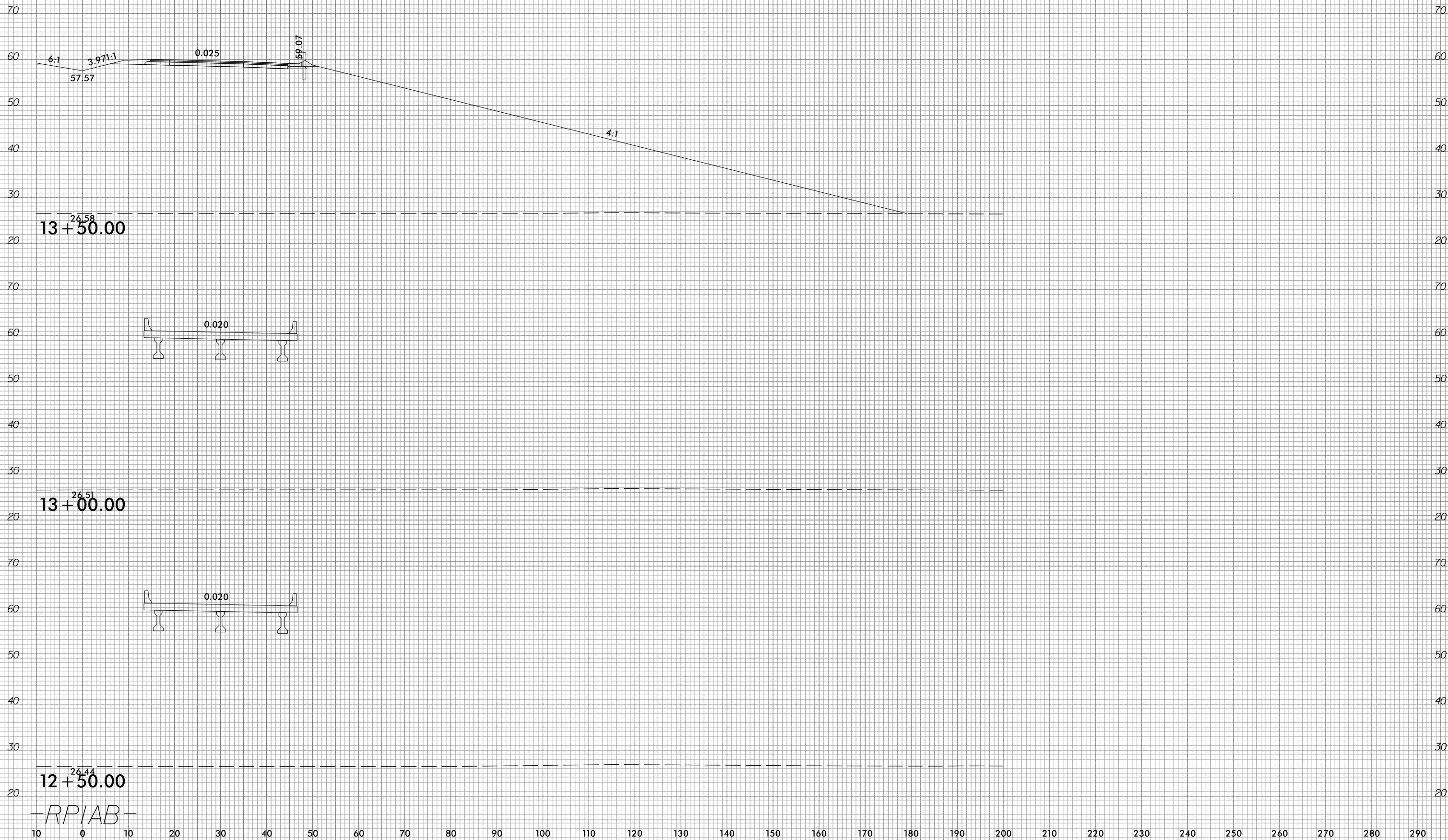
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-308

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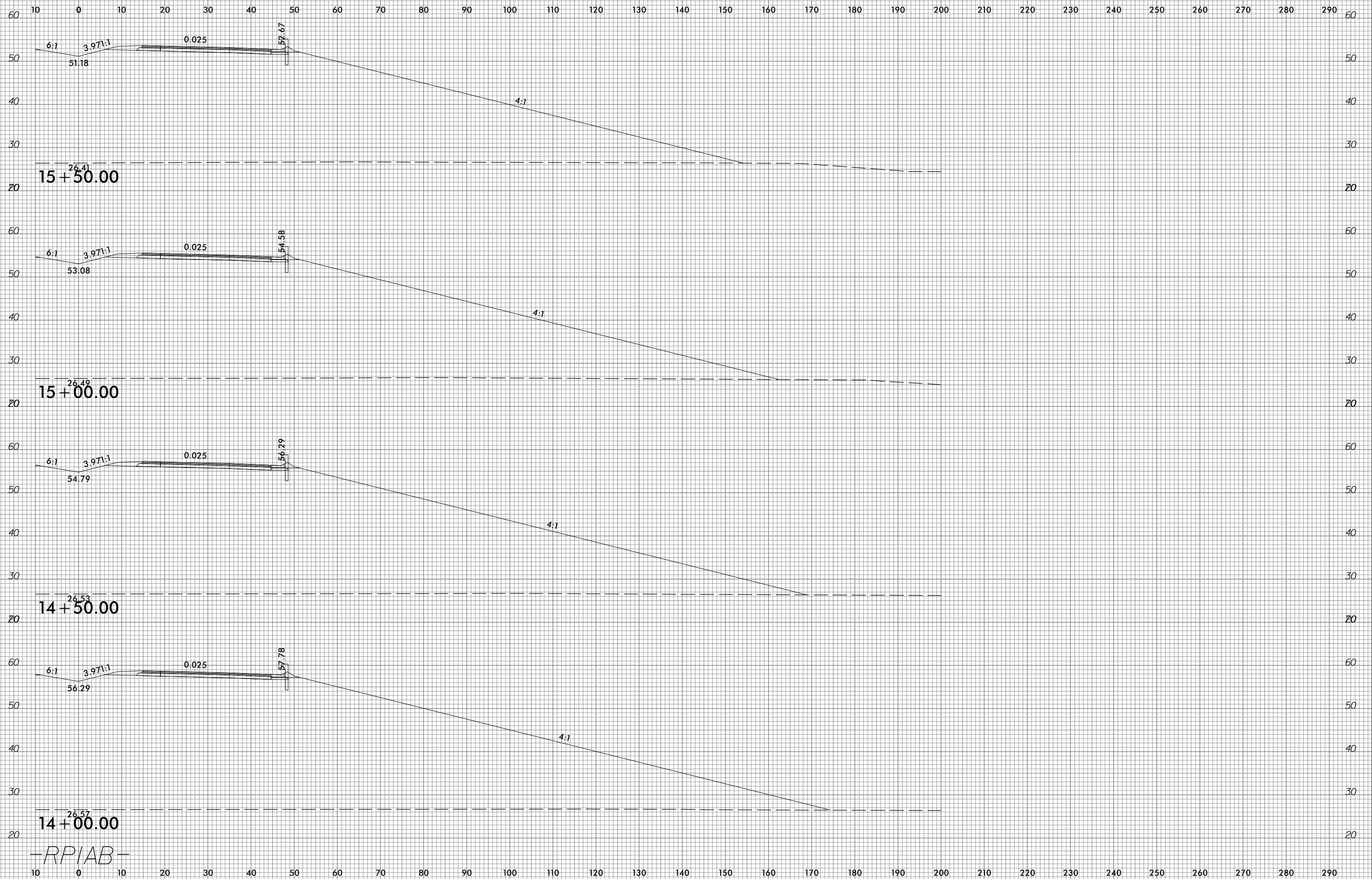
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6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-309

PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-309



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 gmc311

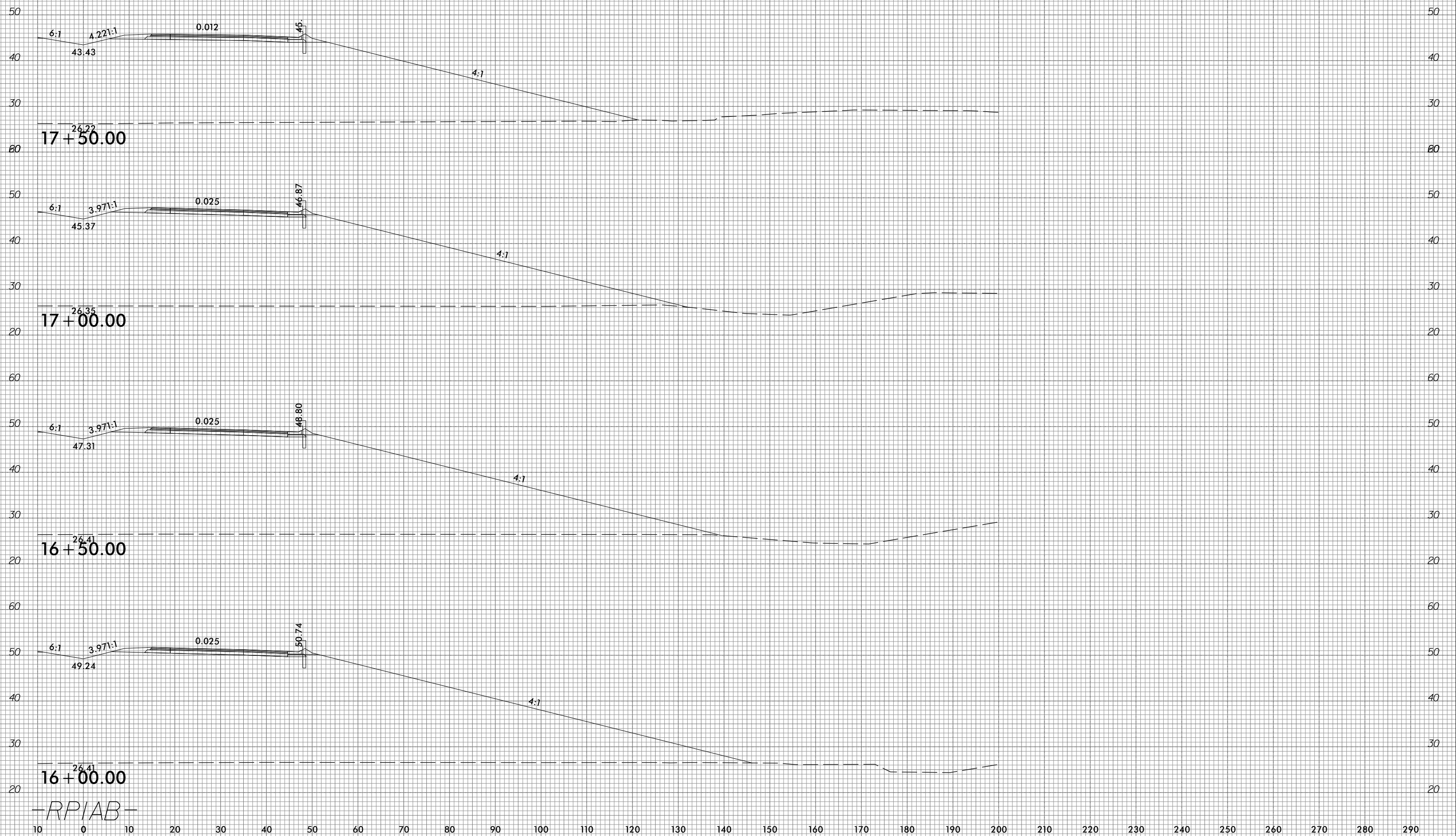
14+00.00  
 -RPIAB-

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-310

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16+00.00  
-RPIAB-

10/31/2016 8:00:00 AM  
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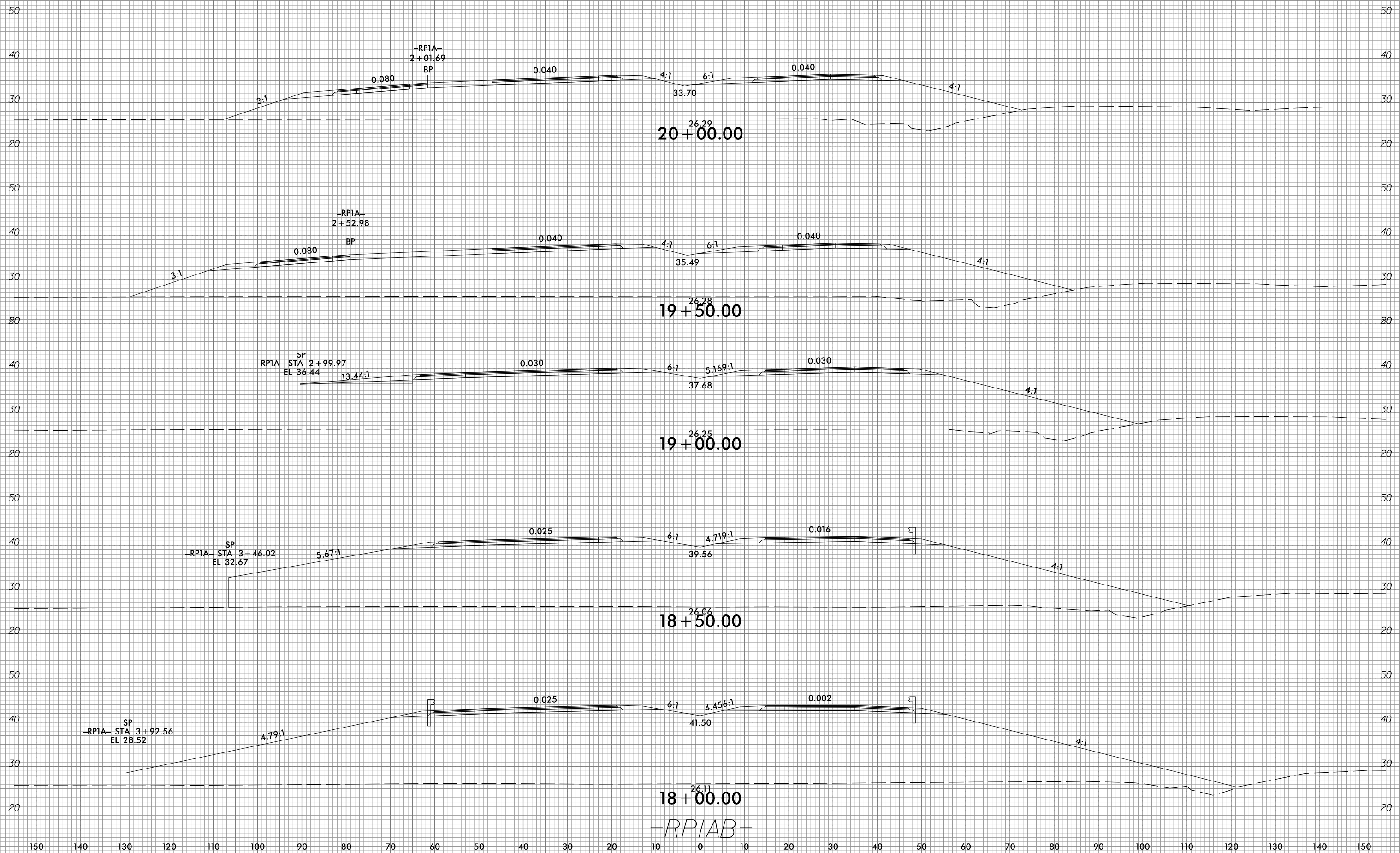
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-311

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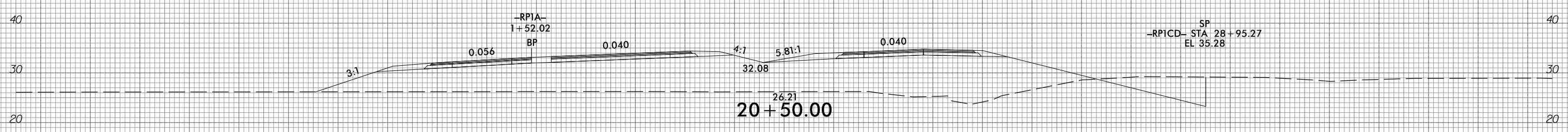
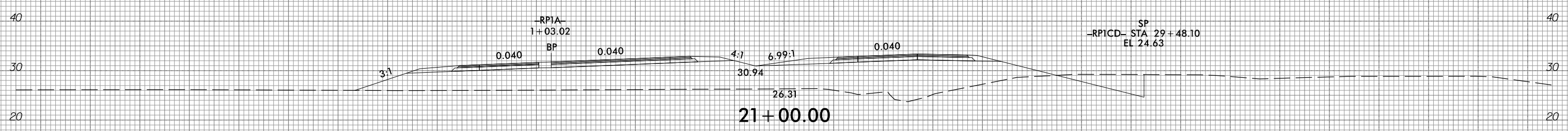
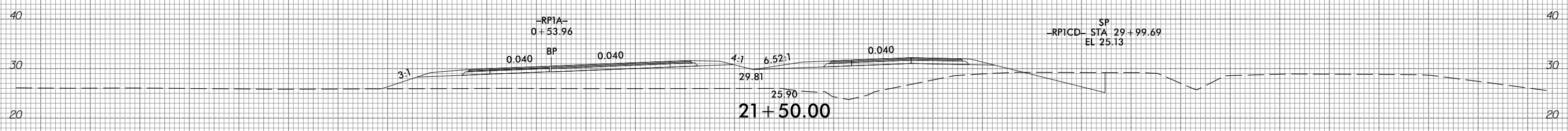
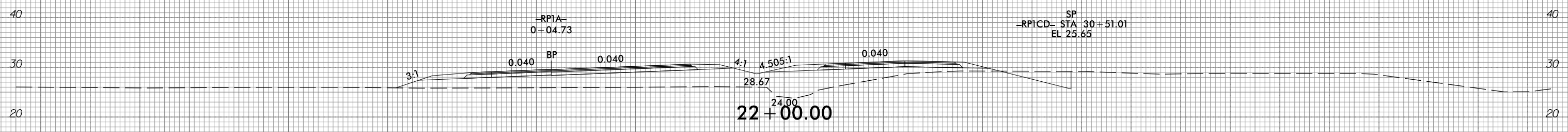
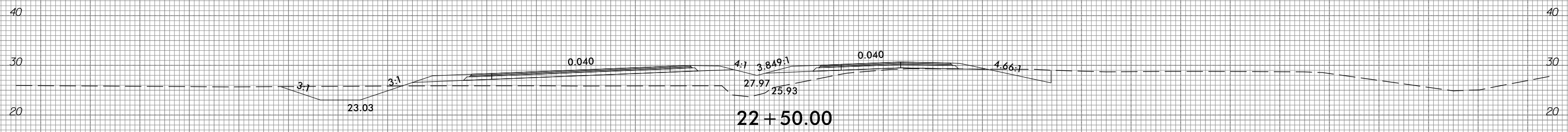
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-312

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-RPIAB-

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

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gncdjin

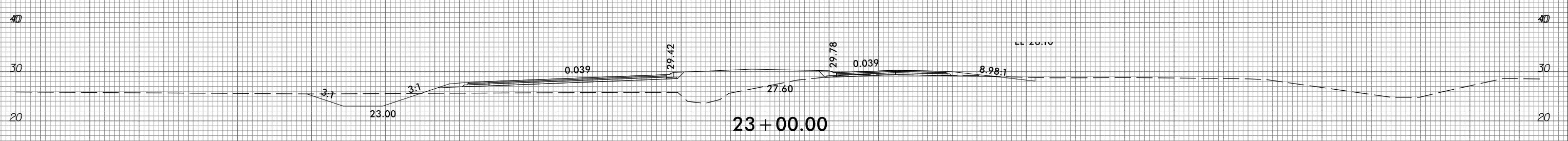
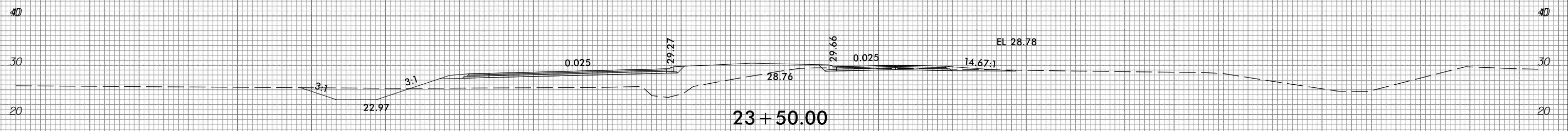
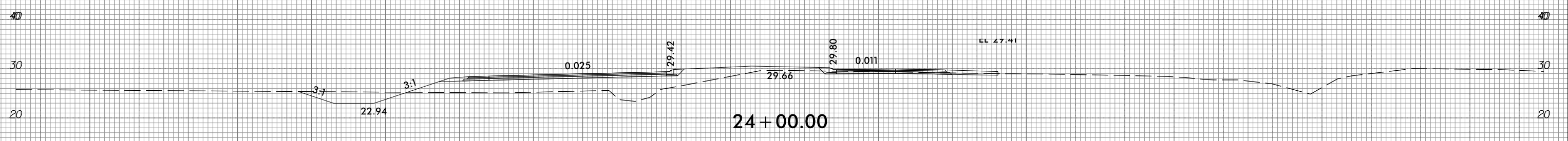
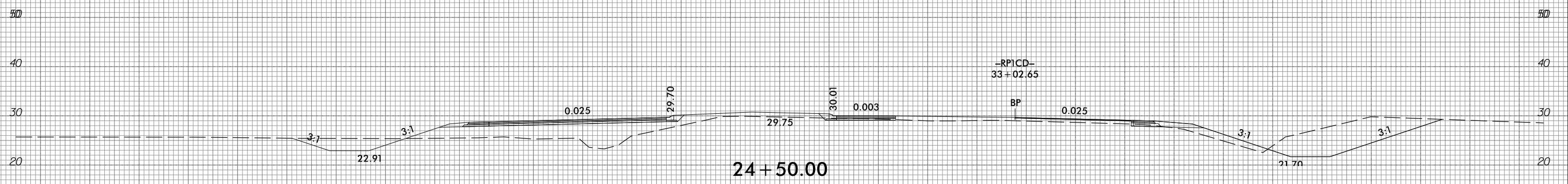
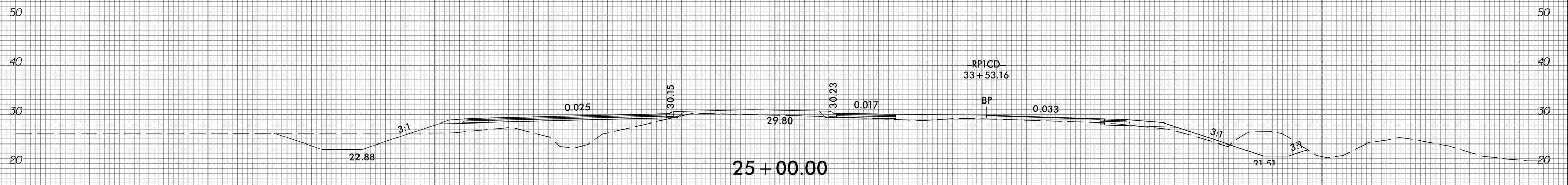
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-313

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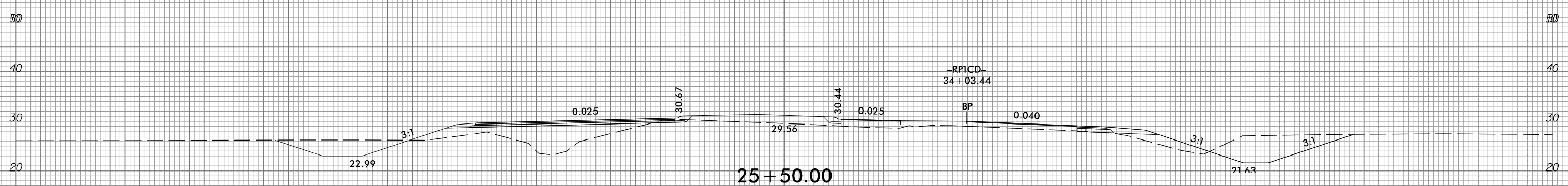
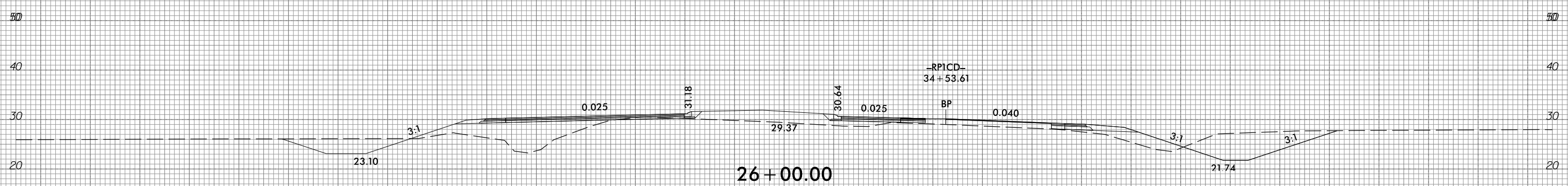
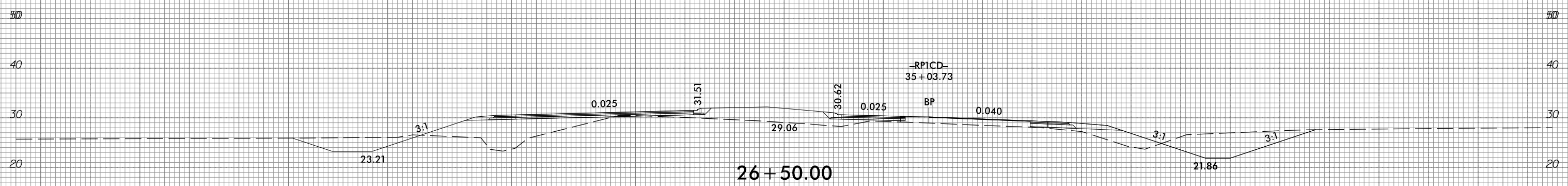
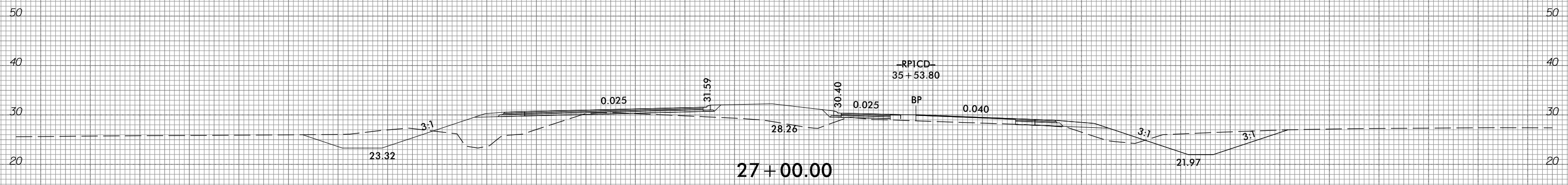
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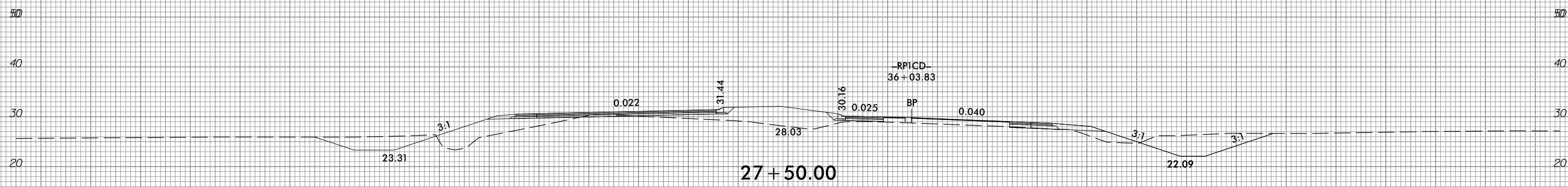
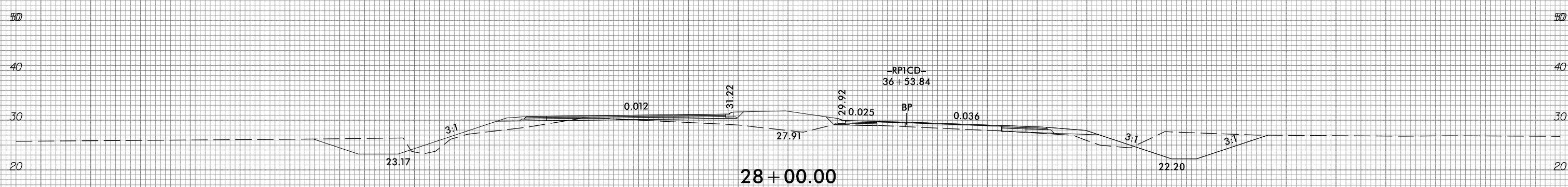
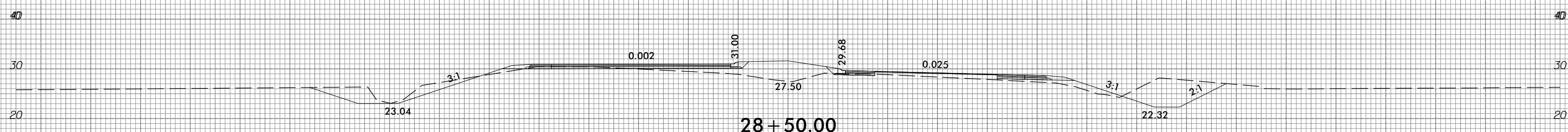
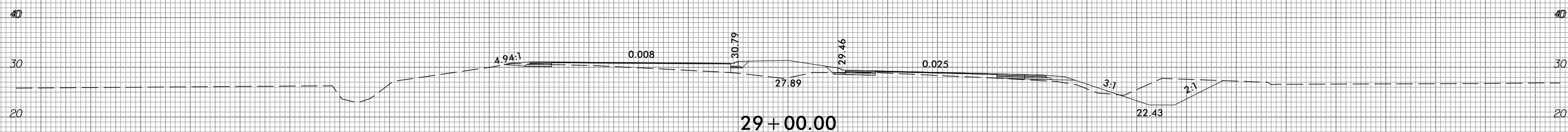
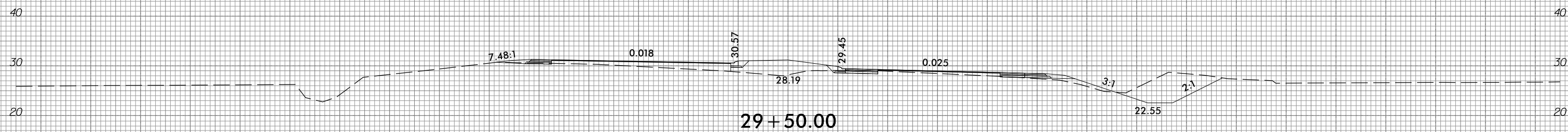
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-315

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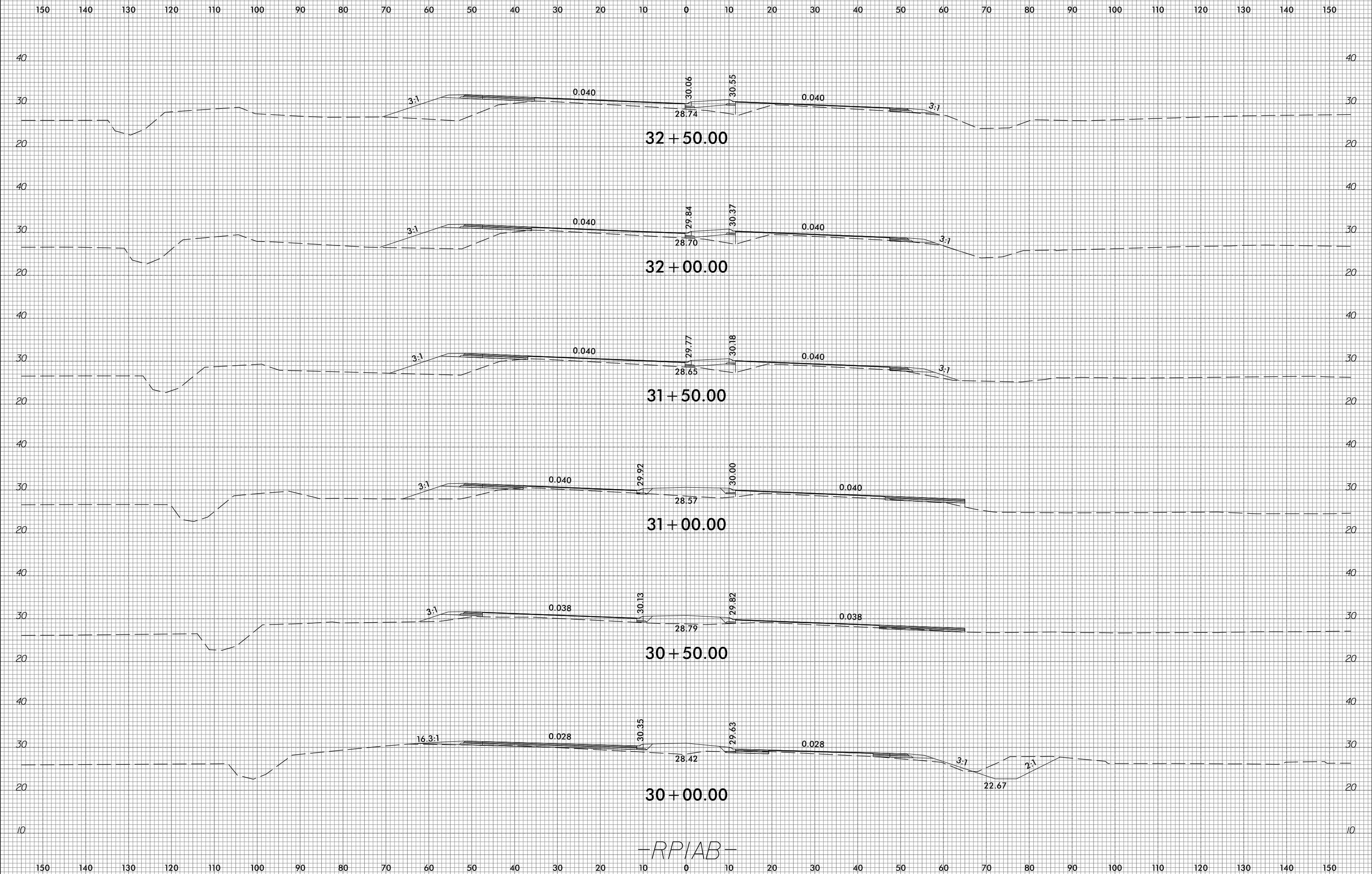


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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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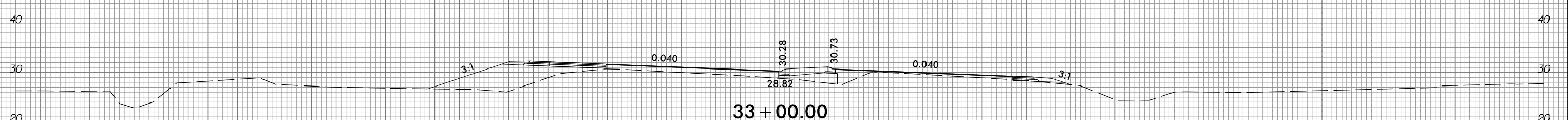
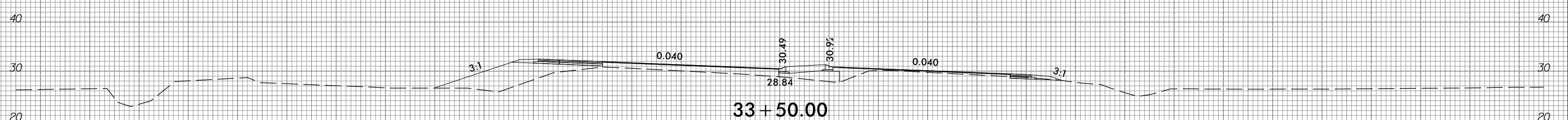
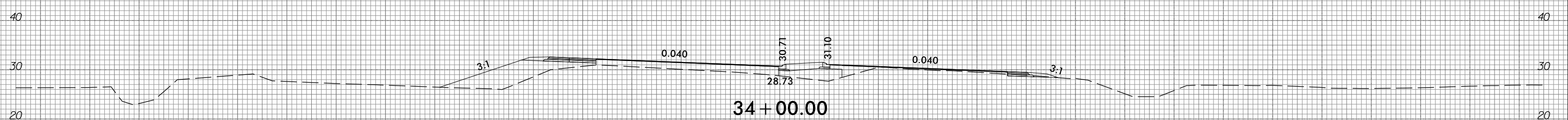
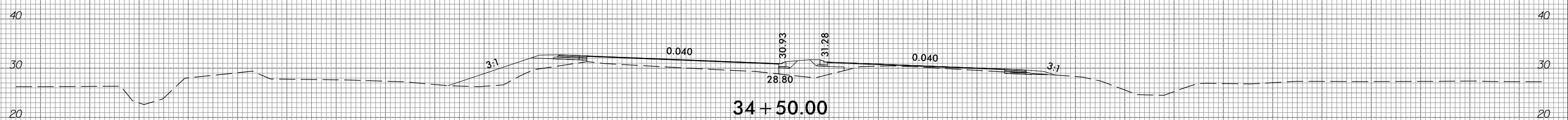
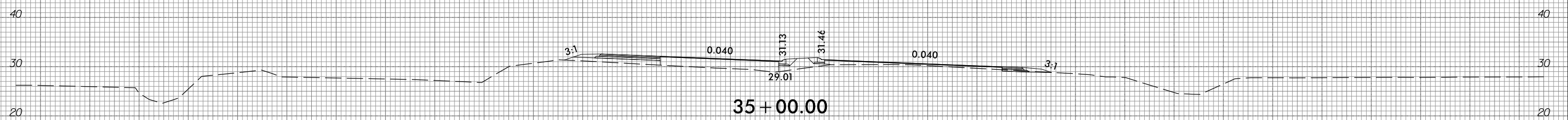
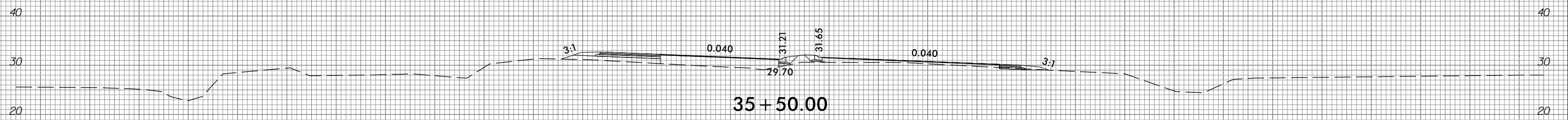
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-317

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

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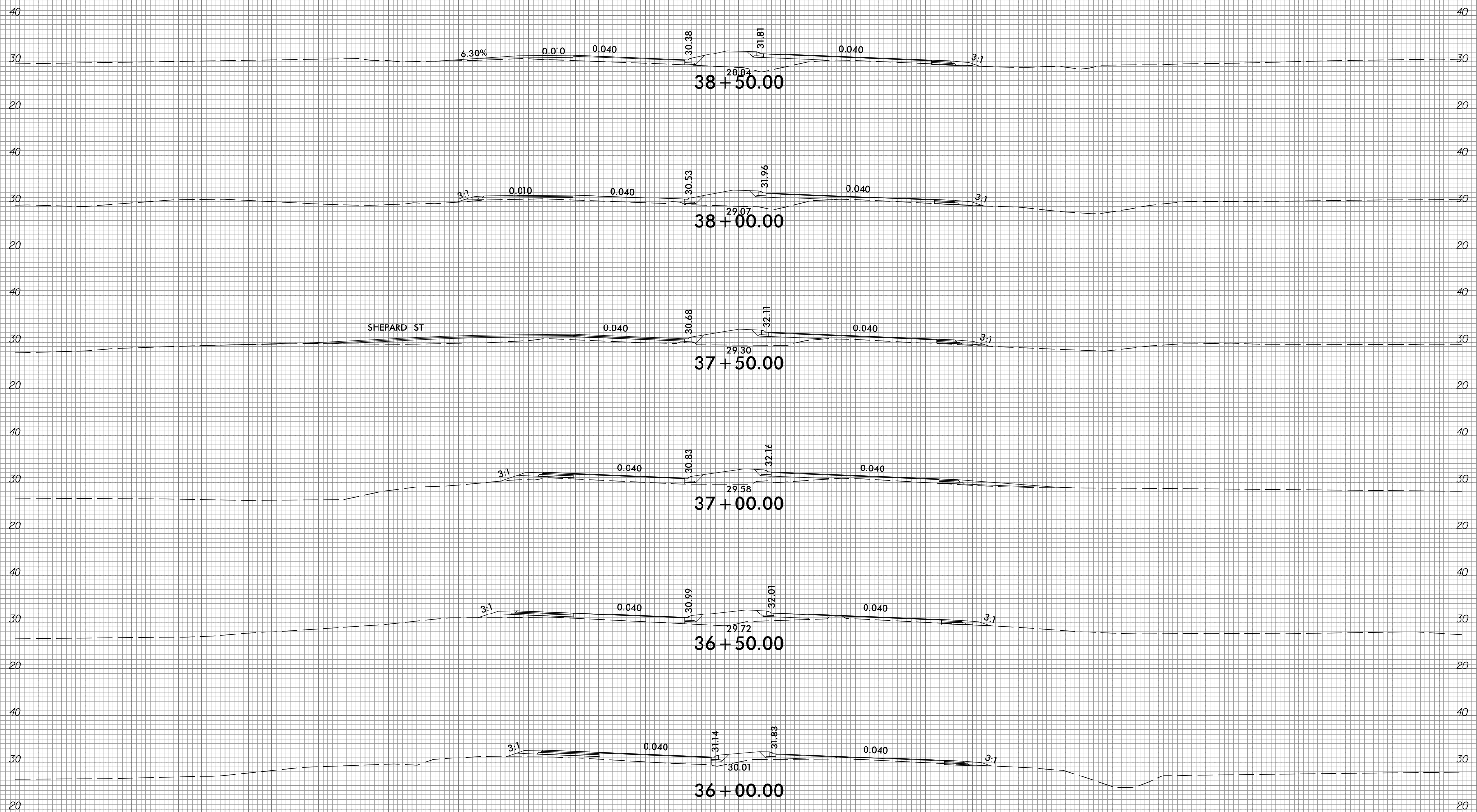
6/23/16



PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-318

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38+50.00

38+00.00

37+50.00

37+00.00

36+50.00

36+00.00

-RPIAB-

SHEPARD ST

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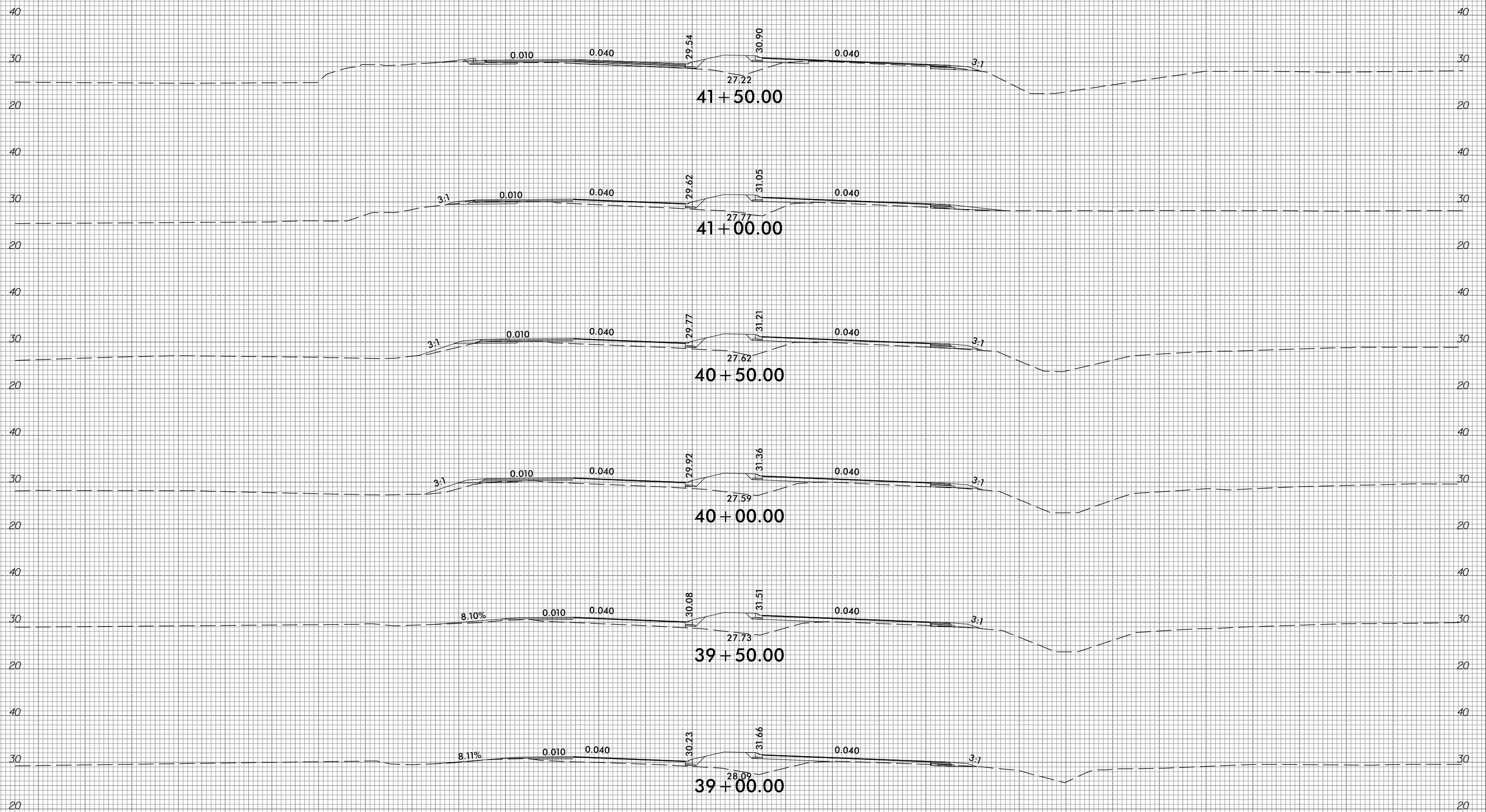
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PROJ. REFERENCE NO.  
R-1015

SHEET NO.  
X-319

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



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