PROJECT REFERENCE NO.	SHEET NO.
R-2633BA	X-A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION INDEX SUMMARY

LOCATION	BEGIN STATION	END STATION	PAGE NO.
-LREV-	339+50.00	345+00.00	X-1 TO X-3
-LREV- (LT)	345+50.00	348+00.00	X-4 TO X-5
-LREV- (RT)	345+50.00	348+00.00	X-6 TO X-7
-LREV-	348+50.00	375+50.00	X-8 TO X-21
-L-	84+00.00	143+00.00	X-22 TO X-54
-L- (LT)	143+50.00	192+50.00	X-55 TO X-85
-L- (RT)	143+50.00	192+50.00	X-86 TO X-115
-L-	193+00.00	263+00.00	X-116 TO X-150
-L-(LT)	263+50.00	292+00.00	X-151 TO X-169
-L- (RT)	263+50.00	292+00.00	X-170 TO X-188
-RP_A1_REV-	16+00.00	22+50.00	X-189 TO X-191
-RP_D1_REV-	16+50.00	22+50.00	X-192 TO X-194
-Y7-	15+00.00	55+00.00	X-195 TO X-219
-RP_B2-	18+00.00	29+00.00	X-220 TO X-225
-LP_B2-	14+00.00	17+00.00	X-226 TO X-227
-RP_C2-	17+50.00	26+00.00	X-228 TO X-234
-RP_D2-	18+00.00	23+50.00	X-235 TO X-238
-Y8-	13+50.00	72+00.00	X-239 TO X-264
-RP_A3-	18+00.00	31+00.00	X-265 TO X-272
-LP_A3-	13+50.00	16+50.00	X-273 TO X-274
-RP_C3-	18+00.00	29+50.00	X-275 TO X-280
-RP_D3-	17+50.00	26+00.00	X-281 TO X-285
-Y8A-	10+50.00	25+00.00	X-286 TO X-292
-Y8B-	10+50.00	14+00.00	X-293 TO X-294
-Y8C-	10+00.00	19+50.00	X-295 TO X-298
-SVRD8-	32+50.00	37+50.00	X-299 TO X-300
-SR8-	10+00.00	11+50.00	X-301 TO X-301
-Y9-	10+50.00	16+50.00	X-302 TO X-304
-Y7 /Y7DET-	48+50.00	54+00.00	X-305 TO X-308
-Y8D-	10+00.00	26+00.00	X-309 TO X-315

UNDERCUT EXCAVATION

Note: Quantities are approximate only. The Resident Engineer will re-cross-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.

5/28/99
24-SEP-2013 15:14
U:\2072\R-2633B\Roadway\Proj\R-2633BA\XSC\XPL\R-2633BA_RDY_INDEX_XSC.dgn
$$$$USERNAME$$$$

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN DOES INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station Lrev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station Lrev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. Yd.)
339+50.00	0	0	366+00.00	0	2145	96+00.00	0	2161	120+00.00	0	2484	146+50.00	0	0	172+00.00	0	0	
340+00.00	0	2804	366+50.00	0	2159	96+50.00	0	2126	120+50.00	0	2406	146+92.33	0	0	172+50.00	0	1229	
340+50.00	4	2455	367+00.00	0	2218	97+00.00	0	2016	121+00.00	0	2310				173+00.00	0	1191	
341+00.00	11	2250	367+50.00	0	2281	97+50.00	0	2047	121+50.00	0	2238	Station	Uncl. Exc.	Embt	173+50.00	0	1278	
341+50.00	15	2136	368+00.00	0	2298	98+00.00	0	1906	122+00.00	0	2193				174+00.00	0	1437	
342+00.00	16	1968	368+50.00	0	2319	98+50.00	0	1739	122+50.00	0	2155	L	(cu. yd.)	(cu. yd.)	174+50.00	0	1639	
342+50.00	28	1805	369+00.00	0	2356	99+00.00	0	1953	123+00.00	0	2139	149+17.49	0	0	175+00.00	0	1831	
343+00.00	46	1741	369+50.00	0	2400	99+50.00	0	2123	123+50.00	0	2138	150+00.00	0	10301	175+50.00	0	2059	
343+50.00	49	1793				100+00.00	0	2134	124+00.00	0	2072	150+50.00	0	10577	176+00.00	23	1657	
344+00.00	47	1929	Station	Uncl. Exc.	Embt	100+50.00	0	2133	124+50.00	0	1906	151+00.00	0	11622	176+50.00	32	1097	
344+50.00	24	1948				101+00.00	0	2178	125+00.00	0	1761	151+50.00	0	12431	177+00.00	12	1094	
345+00.00	0	1896	Lrev	(cu. yd.)	(cu. yd.)	101+50.00	0	2231	125+50.00	0	1698	152+00.00	0	12730	177+50.00	5	1077	
345+50.00	0	2217	369+50.00	0	0	102+00.00	0	2241	126+00.00	0	1689	152+50.00	0	13308	178+00.00	3	1260	
346+00.00	0	2499	370+00.00	0	2440	102+50.00	0	2233	126+50.00	0	1695	153+00.00	0	13865	178+50.00	0	1437	
346+50.00	0	2597	370+50.00	0	2491	103+00.00	0	2196	127+00.00	0	1705	153+50.00	0	13956	179+00.00	0	1271	
347+00.00	0	2695	371+00.00	0	2547	103+50.00	0	2134	127+50.00	0	1686	154+00.00	0	13457	179+50.00	0	1104	
347+50.00	0	2667	371+50.00	0	2563	104+00.00	0	2178	128+00.00	0	1644	154+50.00	0	12815	180+00.00	0	1079	
348+00.00	0	2625	372+00.00	0	2560	104+50.00	0	2303	128+50.00	0	1651	155+00.00	0	12289	180+50.00	0	1275	
348+50.00	0	2503	372+50.00	0	2683	105+00.00	0	2389	129+00.00	0	1661	155+50.00	0	11863	181+00.00	0	1379	
349+00.00	0	2413	373+00.00	0	2880	105+50.00	0	2406	129+50.00	0	1660	156+00.00	0	11455	181+50.00	0	1316	
349+50.00	0	2361	373+50.00	0	3028	106+00.00	0	2429	130+00.00	0	1728	156+50.00	0	11063	182+00.00	0	1298	
350+00.00	0	2274	374+00.00	0	3120	106+50.00	0	2468	130+50.00	0	1777	157+00.00	0	10631	182+50.00	0	1447	
350+50.00	0	2168	374+50.00	0	3117	107+00.00	0	2443	131+00.00	0	1779	157+50.00	0	10119	183+00.00	0	1588	
351+00.00	0	2071	375+00.00	0	3022	107+50.00	0	2377	131+50.00	0	1835	158+00.00	0	9630	183+50.00	0	1378	
351+50.00	0	1967	375+54.20	0	2923	108+00.00	0	2363	132+00.00	0	1912	158+50.00	0	9126	184+00.00	0	1032	
352+00.00	0	1902				108+50.00	0	2426	132+50.00	0	1988	159+00.00	0	8565	184+50.00	0	909	
352+50.00	0	1828	Station	Uncl. Exc.	Embt	109+00.00	0	2490	133+00.00	0	2045	159+50.00	0	8007	185+00.00	36	1023	
353+00.00	0	1750				109+50.00	0	2517	133+50.00	0	2075	160+00.00	0	7475	185+50.00	79	1184	
353+50.00	0	1704	L	(cu. yd.)	(cu. yd.)	110+00.00	0	2557	134+00.00	0	2116	160+50.00	0	6913	186+00.00	86	1359	
354+00.00	0	1697	83+54.50	0	0	110+50.00	0	2603	134+50.00	0	2181	161+00.00	0	6373	186+50.00	73	1535	
354+50.00	0	1744	84+50.00	0	2870	111+00.00	0	2596	135+00.00	0	2287	161+50.00	0	5916	187+00.00	86	1545	
355+00.00	0	1827	85+00.00	0	2717	111+50.00	0	2541	135+50.00	0	2384	162+00.00	0	5521	187+50.00	134	1615	
355+50.00	0	1933	85+50.00	0	2507	112+00.00	0	2492	136+00.00	0	2539	162+50.00	0	5184	188+00.00	135	2140	
356+00.00	0	2011	86+00.00	0	2314	112+50.00	0	2535	136+50.00	0	2807	163+00.00	0	4789	188+50.00	115	2430	
356+50.00	0	2088	86+50.00	0	2156	113+00.00	0	2766	137+00.00	0	3041	163+50.00	0	4298	189+00.00	94	2458	223
357+00.00	0	2249	87+00.00	0	2040	113+50.00	0	3022	137+50.00	0	3436	164+00.00	0	3800	189+50.00	55	3019	893
357+50.00	0	2352	87+50.00	0	2018	114+00.00	0	2980	138+00.00	0	3876	164+50.00	0	3280	190+00.00	21	3016	879
358+00.00	0	2365	88+00.00	0	2085				138+50.00	0	4251	165+00.00	0	2834	190+50.00	4	3521	875
358+50.00	0	2411	88+50.00	0	2094	Station	Uncl. Exc.	Embt	139+00.00	0	4765	165+50.00	0	2497	191+00.00	0	3124	89
359+00.00	0	2450	89+00.00	0	2109				139+50.00	0	5383	166+00.00	0	2234	191+50.00	0	2811	
359+50.00	0	2470	89+50.00	0	2214	L	(cu. yd.)	(cu. yd.)	140+00.00	0	6092	166+50.00	0	2232	192+00.00	0	2544	
360+00.00	0	2488	90+00.00	0	2281	114+00.00	0	0	140+50.00	0	6872	167+00.00	0	2160	192+50.00	0	2267	
360+50.00	0	2469	90+50.00	0	2242	114+50.00	0	2861	141+00.00	0	7639	167+50.00	0	1819	193+00.00	0	2082	
361+00.00	0	2402	91+00.00	0	2195	115+00.00	0	2798	141+50.00	0	8353	168+00.00	0	1719	193+50.00	0	1992	
361+50.00	0	2307	91+50.00	0	2198	115+50.00	0	2697	142+00.00	0	9045	168+50.00	0	1977	194+00.00	0	1955	
362+00.00	0	2233	92+00.00	0	2212	116+00.00	0	2581	142+50.00	0	9753	169+00.00	0	2162	194+50.00	0	1960	
362+50.00	0	2197	92+50.00	0	2240	116+50.00	0	2467	143+00.00	0	10486	169+50.00	0	2120	195+00.00	0	1985	
363+00.00	0	2153	93+00.00	0	2300	117+00.00	0	2433	143+50.00	0	10613	170+00.00	0	2044	195+50.00	0	2040	
363+50.00	0	2113	93+50.00	0	2388	117+50.00	0	2374	144+00.00	0	10208	170+50.00	0	1980	196+00.00	0	2132	
364+00.00	0	2087	94+00.00	0	2380	118+00.00	0	2274	144+50.00	0	8951	171+00.00	5	1725	196+50.00	0	2173	
364+50.00	0	2080	94+50.00	0	2251	118+50.00	0	2318	145+00.00	0	8036	171+50.00	38	1426	197+00.00	0	2135	
365+00.00	0	2102	95+00.00	0	2172	119+00.00	0	2449	145+50.00	0	8361	172+00.00	33	1329	197+50.00	0	2083	
365+50.00	0	2127	95+50.00	0	2160	119+50.00	0	2500	146+00.00	0	4257				198+00.00	0	2055	

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN DOES INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UNDERCUT (cu. yd.)
198+50.00	0	2038	
199+00.00	0	2018	
199+50.00	0	2016	
200+00.00	0	2006	
200+50.00	0	2024	
201+00.00	0	2513	422
201+50.00	0	3860	1698
202+00.00	0	3961	1718

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
202+00.00	0	0
202+50.00	0	4076
203+00.00	0	3207
203+50.00	0	2484
204+00.00	0	2531
204+50.00	0	2565
205+00.00	0	2553
205+50.00	0	2499
206+00.00	0	2483
206+50.00	0	2505
207+00.00	0	2501
207+50.00	0	2498
208+00.00	0	2508
208+50.00	0	2500
209+00.00	0	2500
209+50.00	0	2499
210+00.00	0	2514
210+50.00	0	2553
211+00.00	0	2596
211+50.00	0	2626
212+00.00	0	2636
212+50.00	0	2669
213+00.00	0	2670
213+50.00	0	2604
214+00.00	0	2570
214+50.00	0	2569
215+00.00	0	2558
215+50.00	0	2241
216+00.00	0	2732
216+50.00	0	3111
217+00.00	0	2607
217+50.00	0	2468
218+00.00	0	2398
218+50.00	0	2383
219+00.00	0	2349
219+50.00	0	2294
220+00.00	0	2252
220+50.00	0	2210
221+00.00	0	2171
221+50.00	0	2094
222+00.00	0	2052

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
222+50.00	0	2037
223+00.00	0	2011
223+50.00	0	2031
224+00.00	0	2026
224+50.00	0	1987
225+00.00	0	1945
225+50.00	0	1928
226+00.00	0	1920
226+50.00	0	1892
227+00.00	0	1875
227+50.00	0	1909
228+00.00	0	1950
228+50.00	0	1979
229+00.00	0	2031
229+50.00	0	2110
230+00.00	0	2172
230+50.00	0	2217
231+00.00	0	2305
231+50.00	0	2347
232+00.00	0	2333

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
232+00.00	0	0
232+50.00	0	2373
233+00.00	0	2384
233+50.00	0	2357
234+00.00	0	2390
234+50.00	0	2471
235+00.00	0	2510
235+50.00	0	2484
236+00.00	0	2543
236+50.00	0	2635
237+00.00	0	2650
237+50.00	0	2627
238+00.00	0	2585
238+50.00	0	2538
239+00.00	0	2496
239+50.00	0	2503
240+00.00	0	2544
240+50.00	0	2556
241+00.00	0	2542
241+50.00	0	2471
242+00.00	0	2523
242+50.00	0	2560
243+00.00	0	2476
243+50.00	0	2450
244+00.00	0	2406
244+50.00	0	2309
245+00.00	0	2168
245+50.00	0	2080
246+00.00	0	2091

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
246+50.00	0	2125
247+00.00	0	2117
247+50.00	0	2085
248+00.00	0	2063
248+50.00	0	2065
249+00.00	0	2088
249+50.00	0	2143
250+00.00	0	2250
250+50.00	0	2377
251+00.00	0	2473
251+50.00	0	2561
252+00.00	0	2667
252+50.00	0	2798
253+00.00	0	2910
253+50.00	0	3023
254+00.00	0	3157
254+50.00	0	3250
255+00.00	0	3324
255+50.00	0	3439
256+00.00	0	3622
256+50.00	0	3741
257+00.00	0	3772
257+50.00	0	3832
258+00.00	0	3899
258+50.00	0	3967
259+00.00	0	4046
259+50.00	0	4126
260+00.00	0	4202
260+50.00	0	4242
261+00.00	0	4378
261+50.00	0	4504
262+00.00	0	4554
262+50.00	0	4673
263+00.00	0	4825
263+85.00	0	5056

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
267+20.00	0	0
268+00.00	0	5981
268+50.00	0	7086
269+00.00	0	7217
269+50.00	0	7517
270+00.00	0	7908
270+50.00	0	8309
271+00.00	0	8759
271+50.00	0	9187
272+00.00	0	9559
272+50.00	0	8745
273+00.00	0	7987
273+50.00	0	8361
274+00.00	0	8610

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
274+50.00	0	8556
275+00.00	0	8301
275+50.00	0	8313
276+00.00	0	8552
276+50.00	0	8801
277+00.00	0	9087
277+50.00	0	9387
278+00.00	0	9426
278+50.00	0	9495
279+00.00	0	9736
279+50.00	0	9819
280+00.00	0	9694
280+73.01	0	7779

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
282+26.01	0	0
283+00.00	0	9524
283+50.00	0	9744
284+00.00	0	9788
284+50.00	0	10068
285+00.00	0	10641
285+50.00	0	10151
286+00.00	0	9279
286+50.00	0	8445
287+00.00	0	7421
287+50.00	0	6949
288+00.00	0	6511
288+50.00	0	6161
289+00.00	0	5796
289+50.00	0	5349
290+00.00	41	4938
290+50.00	41	4661
291+00.00	45	4625
291+50.00	58	4914
292+00.00	21	4957

Station Rp_A1Rev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
16+00.0000	0	0
16+50.0000	0	980
17+00.0000	0	1021
17+50.0000	0	981
18+00.0000	0	935
18+50.0000	0	917
19+00.0000	0	945
19+50.0000	0	963
20+00.0000	0	917
20+50.0000	0	904
21+00.0000	0	978
21+50.0000	0	1105

Station Rp_A1Rev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
22+00.0000	0	1249

Station Rp_D1Rev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
17+50.0000	0	0
18+00.0000	0	548
18+50.0000	0	491
19+00.0000	0	460
19+50.0000	0	436
20+00.0000	0	420
20+50.0000	0	412
21+00.0000	0	406
21+50.0000	0	405
22+00.0000	0	405
22+50.0000	0	398

Station Y7	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
15+00.00	0	0
15+50.00	11	8
16+00.00	10	18
16+50.00	23	26
17+00.00	21	24
17+50.00	3	32
18+00.00	1	42
18+50.00	0	50
19+00.00	0	64
19+50.00	0	89
20+00.00	0	84
20+50.00	52	445
21+00.00	60	846
21+50.00	18	806
22+00.00	23	683
22+50.00	35	570
23+00.00	28	545
23+50.00	19	599
24+00.00	21	676
24+50.00	8	792
25+00.00	0	1189
25+50.00	0	1444
26+00.00	0	1536
26+50.00	0	2015
27+00.00	0	2708
27+50.00	0	3450
28+00.00	0	4123
28+50.00	0	4778
29+00.00	0	5474
29+50.00	0	6131
30+00.00	0	6736
30+54.96	0	7327

Station Y7	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
32+64.81	0	0
33+50.00	0	9457
34+00.00	0	9613
34+50.00	0	9781
35+00.00	0	10059
35+50.00	0	8883
36+00.00	0	8043
36+50.00	0	9691
37+00.00	0	10722
37+97.52	0	10434

Station Y7	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
38+95.27	0	0
40+00.00	0	10284
40+50.00	0	9998
41+00.00	0	9867
41+50.00	0	9503
42+00.00	0	8936
42+50.00	0	8279
43+00.00	0	7447
43+50.00	0	6520
44+00.00	0	5713
44+50.00	0	5054
45+00.00	0	4336
45+50.00	0	3584
46+00.00	0	2515
46+50.00	0	1686
47+00.00	19	1720
47+50.00	71	1681
48+00.00	117	1332
48+50.00	128	929
49+00.00	74	584
49+50.00	32	400
50+00.00	46	290
50+50.00	43	221
51+00.00	30	159
51+50.00	17	146
52+00.00	9	145
52+50.00	6	116
53+00.00	7	115
53+50.00	6	96
54+00.00	17	52
54+50.00	42	25
55+00.00	34	33

Station Rp_B2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
18+00.0000	0	0
18+50.0000	59	327
19+00.0000	130	262

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-D

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN DOES INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station Rp_B2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
19+50.0000	144	232
20+00.0000	160	201
20+50.0000	183	162
21+00.0000	176	137
21+50.0000	137	140
22+00.0000	136	197
22+50.0000	147	258
23+00.0000	89	240
23+50.0000	32	226
24+00.0000	22	251
24+50.0000	25	246
25+00.0000	24	254
25+50.0000	14	344
26+00.0000	5	495
26+50.0000	0	561
27+00.0000	0	564
27+50.0000	0	597
28+00.0000	0	650
28+50.0000	0	753
29+00.0000	0	844

Station Lp_B2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
14+00.0000	0	0
14+50.0000	0	486
15+00.0000	0	402
15+50.0000	0	344
16+00.0000	0	272
16+50.0000	0	235
17+00.0000	0	235

Station Rp_C2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
17+50.0000	0	0
18+00.0000	24	1404
18+50.0000	18	1808
19+00.0000	24	2288
19+50.0000	15	2913
20+00.0000	0	3695
20+50.0000	0	4502
21+00.0000	0	5345
21+50.0000	0	6261
22+00.0000	0	7206
22+50.0000	0	8138
23+00.0000	0	9052
23+50.0000	0	9620
24+00.0000	0	9932
24+50.0000	0	10334
25+00.0000	0	10722
25+50.0000	0	10793
26+00.0000	0	8309

Station Rp_D2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
18+00.0000	0	0
18+50.0000	0	1244
19+00.0000	0	1501
19+50.0000	0	1904
20+00.0000	0	2100
20+50.0000	0	2778
21+00.0000	0	3615
21+50.0000	0	4090
22+00.0000	0	4806
22+50.0000	0	5622
23+00.0000	0	6501
23+50.0000	0	5902

Station Y8	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+50.00	0	0
14+00.00	100	21
14+50.00	92	30
15+00.00	97	34
15+50.00	98	28
16+00.00	106	23
16+50.00	112	28
17+00.00	113	30
17+50.00	115	29
18+00.00	118	34
18+50.00	121	44
19+50.00	338	97
20+00.00	195	53
20+50.00	171	61
21+00.00	166	61
21+50.00	147	45
22+00.00	115	35
22+50.00	108	31
23+00.00	119	17
23+50.00	114	17
24+00.00	52	27
24+50.00	28	18
25+00.00	51	9
25+50.00	61	22
26+00.00	129	39
26+50.00	178	54
27+00.00	183	79
27+50.00	191	111
28+00.00	166	111
28+50.00	119	119
29+00.00	86	87
29+50.00	83	33
30+00.00	72	34
30+50.00	39	41
31+00.00	33	43
31+50.00	90	30
32+00.00	174	17

Station Y8	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
32+50.00	237	16
33+00.00	225	23
33+50.00	159	40
34+00.00	135	49
34+50.00	94	56
35+00.00	25	49
35+50.00	4	31
36+00.00	49	24
36+50.00	85	30
37+00.00	91	32
37+50.00	104	27
38+00.00	124	23
38+50.00	141	25
39+00.00	157	39
39+50.00	225	44
40+00.00	290	48
40+50.00	366	46
41+00.00	433	40
41+50.00	424	28
42+00.00	414	35
42+50.00	382	59
43+00.00	344	90
43+50.00	278	157
44+00.00	145	301
44+50.00	40	473
45+00.00	0	642
45+50.00	0	823
46+00.00	0	1020
46+50.00	0	1258
47+15.00	0	1578

Station Y8	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
50+43.00	0	0
51+00.00	0	1403
51+50.00	0	1163
52+00.00	0	982
52+50.00	0	777
53+00.00	0	529
53+50.00	14	319
54+00.00	56	195
54+50.00	107	129
55+00.00	173	103
55+50.00	245	103
56+00.00	282	82
56+50.00	312	49
57+00.00	346	58
57+50.00	352	76
58+00.00	284	60
58+50.00	293	52
59+00.00	363	91
59+50.00	371	124

Station Y8	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
60+00.00	380	122
60+50.00	395	103
61+00.00	338	93
61+50.00	248	106
62+00.00	208	128
62+50.00	187	154
63+00.00	181	159
63+50.00	189	146
64+00.00	190	128
64+50.00	158	89
65+00.00	127	48
65+50.00	115	31
66+00.00	91	39
66+50.00	65	49
67+00.00	57	38
67+50.00	53	31
68+00.00	44	34
68+50.00	40	35
69+00.00	47	28
69+50.00	45	24
70+00.00	40	29
70+50.00	60	27
71+00.00	78	20
71+50.00	78	16
72+00.00	89	13

Station Lp_A3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+50.0000	0	0
14+00.0000	0	2541
14+50.0000	0	2823
15+00.0000	0	2614
15+50.0000	0	2111
16+00.0000	0	1705
16+50.0000	0	1395

Station Rp_C3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
18+00.0000	0	0
18+50.0000	0	2364
19+00.0000	0	2355
19+50.0000	0	2339
20+00.0000	0	2156
20+50.0000	17	1781
21+00.0000	46	1461
21+50.0000	69	1254
22+00.0000	91	1051
22+50.0000	200	833
23+00.0000	327	601
23+50.0000	360	362
24+00.0000	376	176

Station Rp_C3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
24+50.0000	395	60
25+00.0000	350	14
25+50.0000	226	18
26+00.0000	170	31
26+50.0000	184	25
27+00.0000	180	14
27+50.0000	170	15
28+00.0000	146	20
28+50.0000	141	17
29+00.0000	160	11
29+50.0000	149	26

Station Y8A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.0000	0	0
11+00.0000	68	0
11+50.0000	52	0
12+00.0000	39	0
12+50.0000	28	6
13+00.0000	28	16
13+50.0000	27	21
14+00.0000	24	25
14+50.0000	25	17
15+00.0000	29	4
15+50.0000	29	1
16+00.0000	21	3
16+50.0000	19	2
17+00.0000	34	0
17+50.0000	43	0
18+00.0000	44	0
18+50.0000	47	0
19+00.0000	43	3
19+50.0000	35	5
20+00.0000	40	6
20+50.0000	48	5
21+00.0000	53	1
21+50.0000	75	0
22+00.0000	99	0
22+50.0000	105	0
23+00.0000	102	0
23+50.0000	92	0
24+00.0000	88	0
24+75.00	98	0

Station Y8B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.0000	0	0
11+00.0000	84	0
11+50.0000	101	0
12+00.0000	107	0
12+50.0000	110	0

Station Y8B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+00.0000	105	0
13+50.0000	101	0

Station Y8C	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.0000	0	0
10+50.0000	90	0
11+00.0000	94	0
11+50.0000	93	0
12+00.0000	86	0
12+50.0000	60	1
13+00.0000	41	5
13+50.0000	38	8
14+00.0000	28	6
14+50.0000	19	22
15+00.0000	26	34
15+50.0000	39	25
16+00.0000	51	11
16+50.0000	51	10
17+00.0000	55	13
17+50.0000	77	5
18+00.0000	105	2
18+50.0000	121	1
19+00.0000	114	2
19+50.0000	99	5

Station Y8D	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	0	0
11+00.00	85	0
11+50.00	56	6
12+00.00	25	17
12+50.00	13	47
13+00.00	2	87
13+50.00	2	103
14+00.00	1	123
14+50.00	0	135
15+00.00	6	108
15+50.00	7	125
16+00.00	1	145
16+50.00	0	125
17+00.00	0	136
17+50.00	0	182
18+00.00	0	221
18+50.00	0	228
19+00.00	0	214
19+50.00	0	197
20+00.00	0	196
20+50.00	0	189
21+00.00	0	172
21+50.00	0	151

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-E

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN DOES INCLUDE BACKFILL FOR UNDERCUT

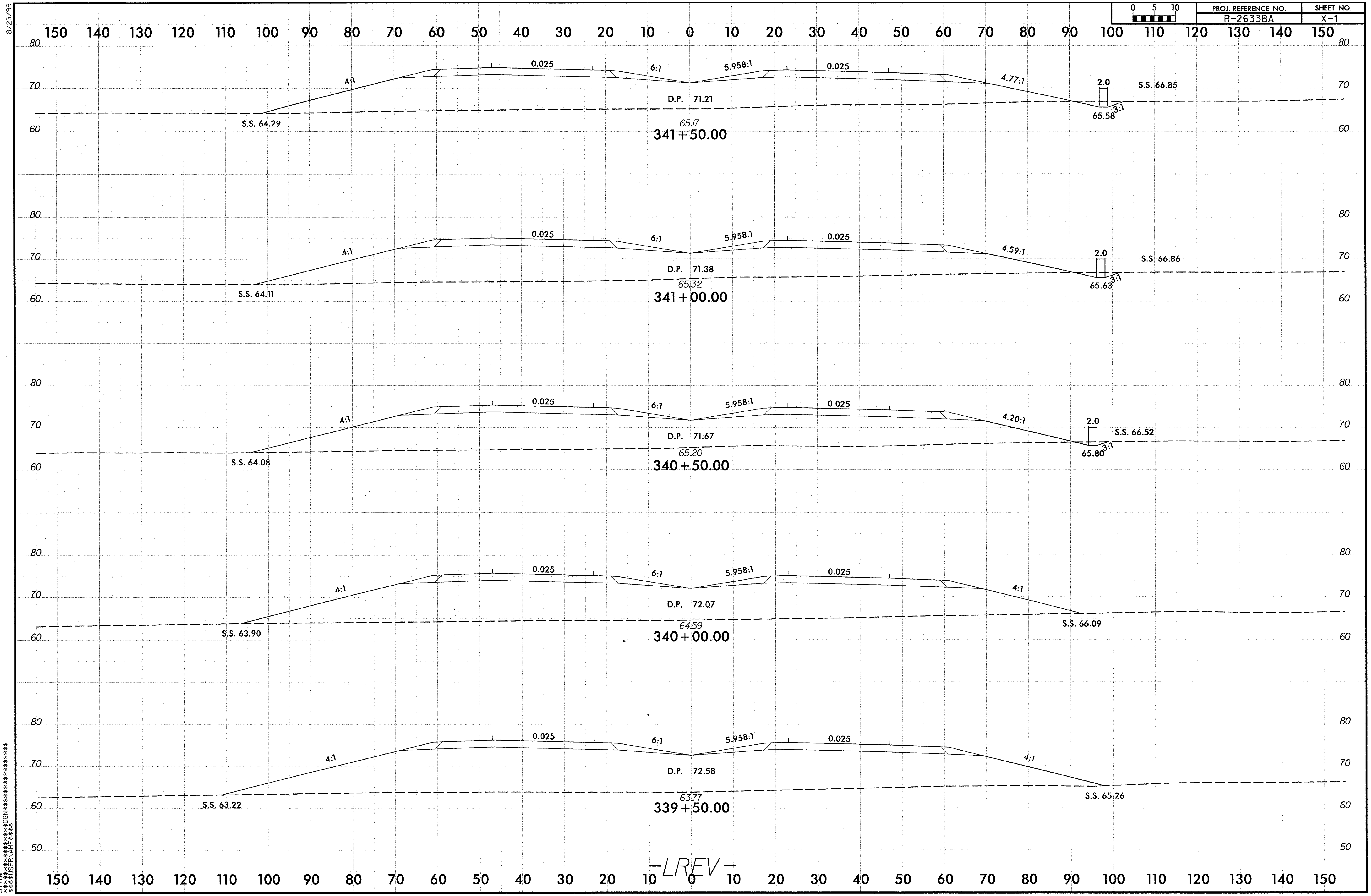
Station Y8D	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station Y7_Det	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
22+00.00	0	131	17+00.00	0	1020
22+50.00	0	119	17+50.00	0	461
23+00.00	0	125	18+00.00	18	153
23+50.00	0	124			
24+00.00	2	88			
24+50.00	11	38			
25+00.00	32	7			
25+50.00	53	1			

Station Svrd8	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
32+01.16	0	0
33+00.0000	70	0
33+50.0000	38	0
34+00.0000	22	10
34+50.0000	14	23
35+00.0000	19	30
35+50.0000	33	76
36+00.0000	21	157
36+50.0000	0	247
37+00.0000	0	367
37+50.0000	0	473

Station Y9	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.0000	0	0
11+00.0000	63	120
11+50.0000	136	85
12+00.0000	171	44
12+50.0000	188	31
13+00.0000	167	20
13+50.0000	152	11
14+00.0000	160	7
14+50.0000	157	2
15+00.0000	132	1
15+50.0000	114	0
16+00.0000	97	0
16+50.0000	79	0

Station Y7_Det	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
12+50.00	0	0
13+00.00	6	38
13+50.00	3	107
14+00.00	0	230
14+50.00	0	292
15+00.00	0	317
15+50.00	0	331
16+00.00	0	445
16+50.00	0	949

8/23/99

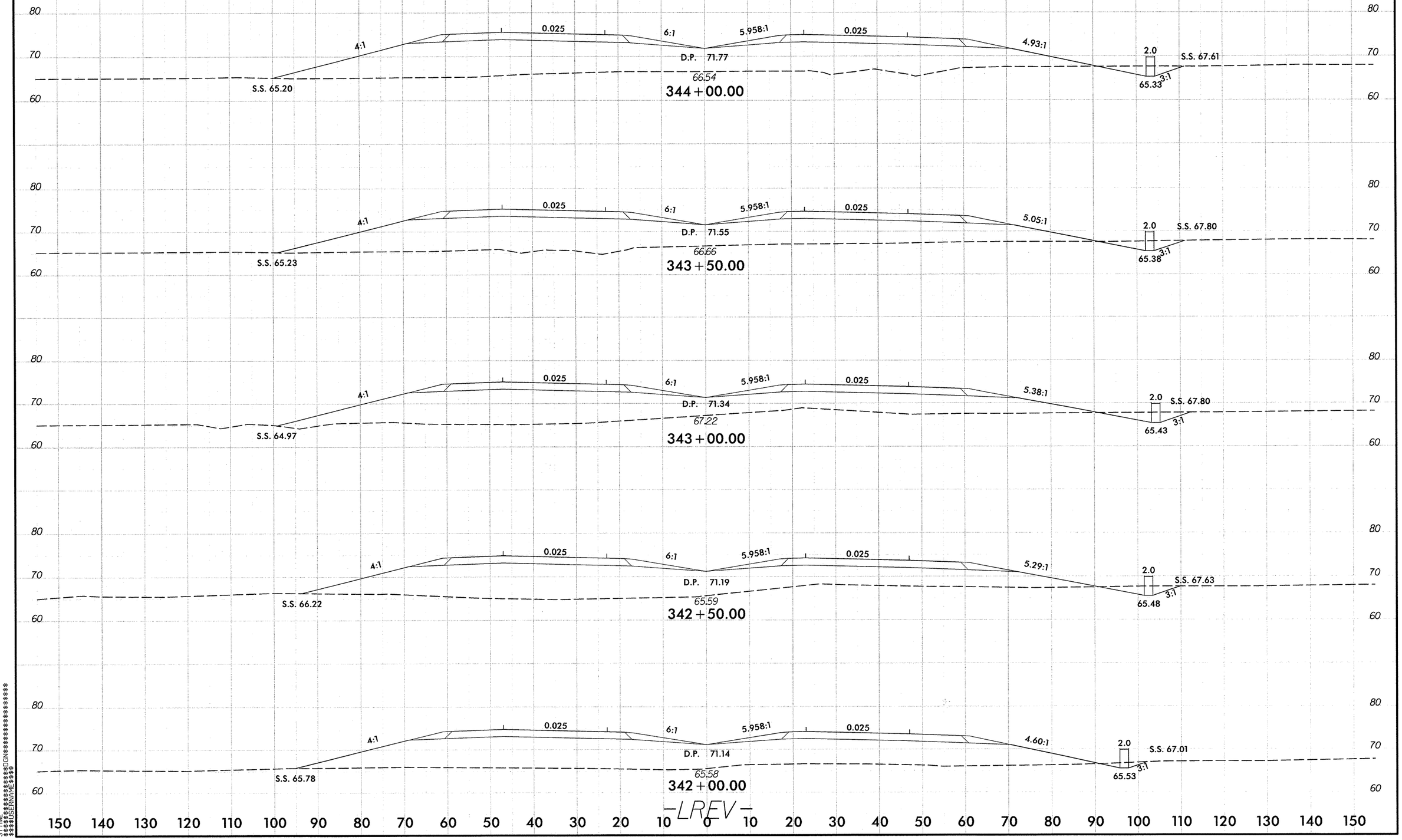


SYTIME
$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-2

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

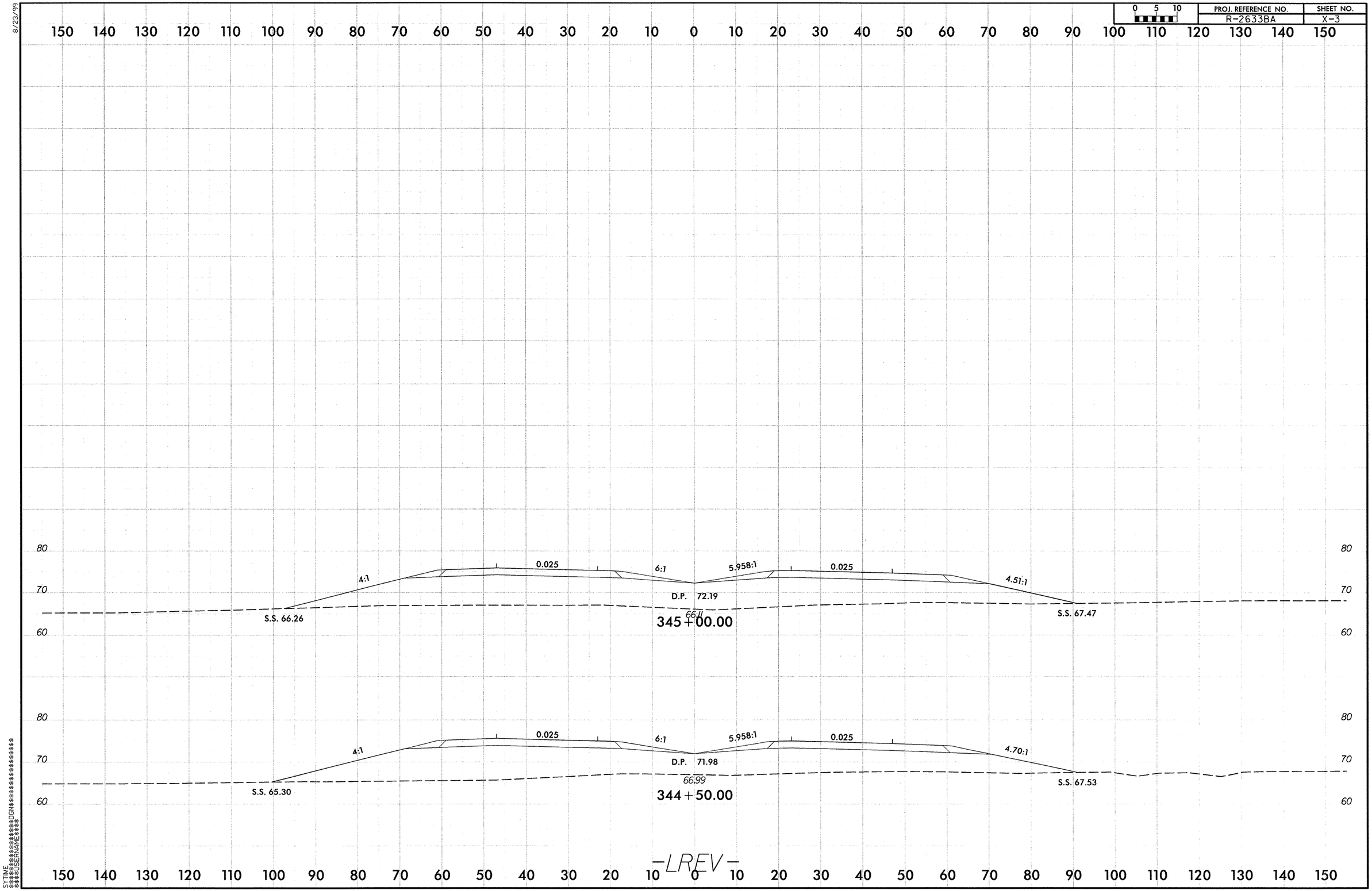


-LREV-

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

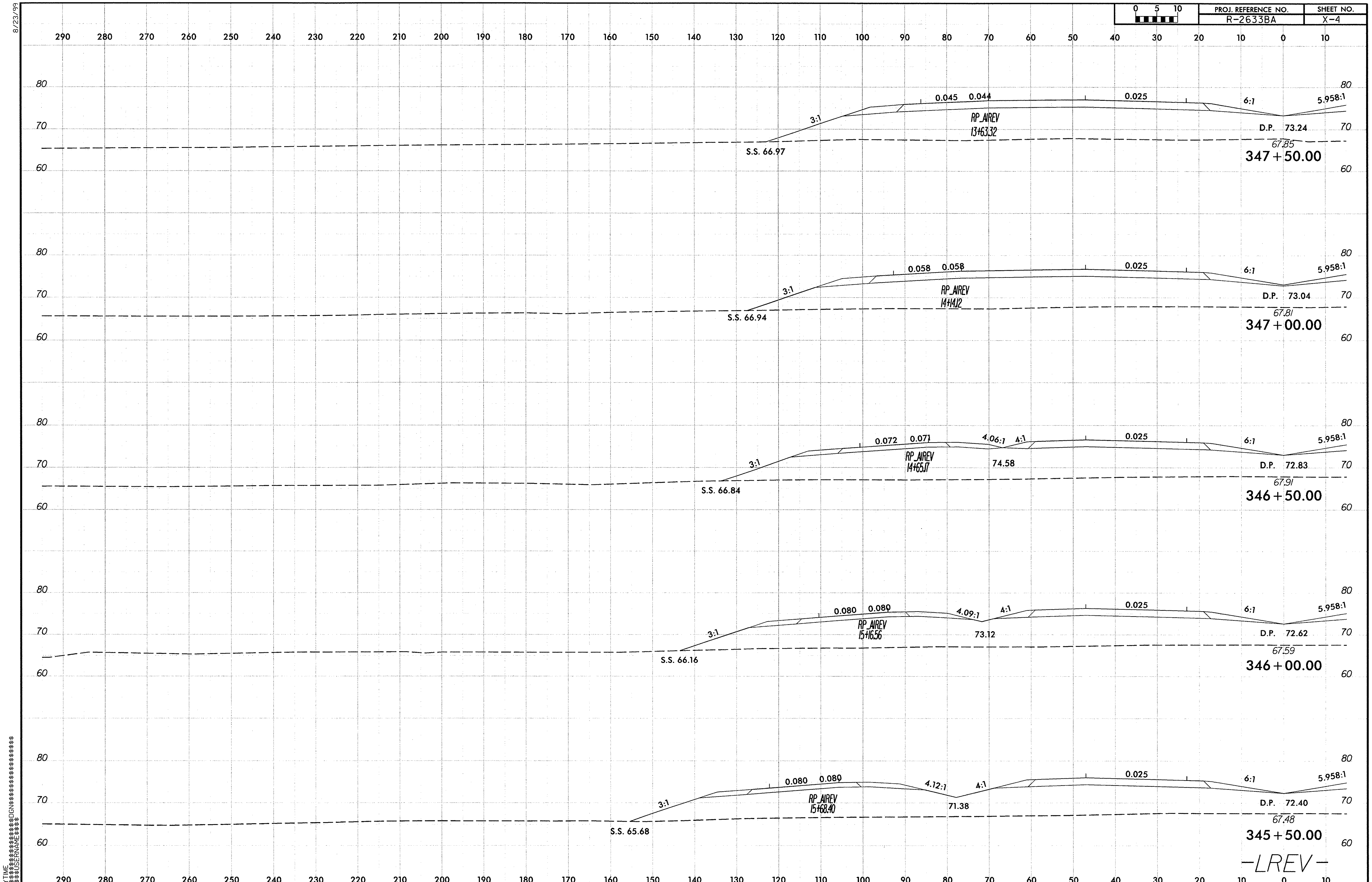
SYTIME
$$$$USERNAME$$$$

R-2633BA_RDY_xpl_LREV_1.dgn 9/29/2013 12:26:48 PM

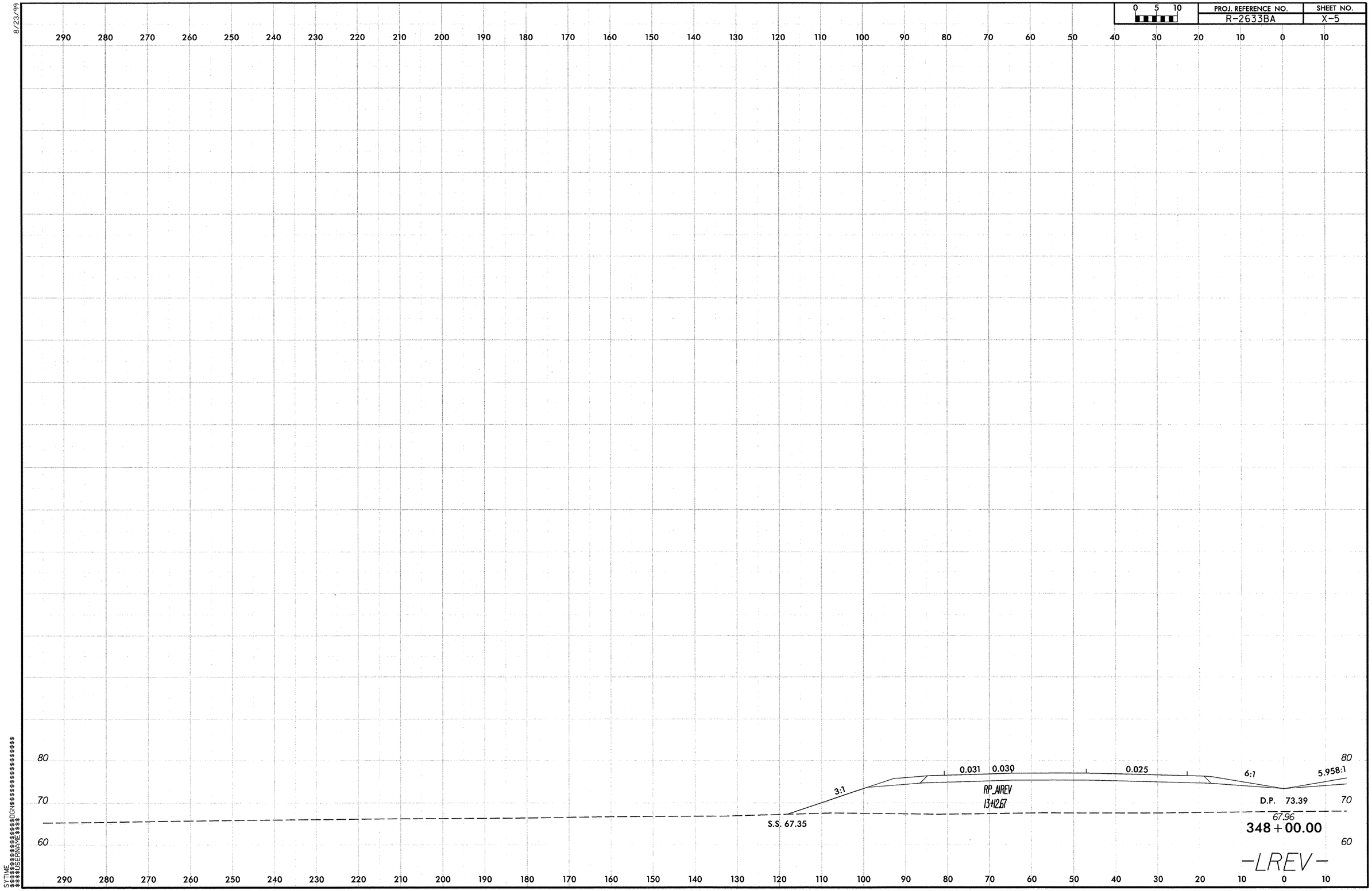


R-2633BA_RDY_xpl_LREV_1.dgn 9/29/2013 12:26:48 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-4



R-2633BA_Rdy_xpl_LREV_LT1.dgn 9/29/2013 12:26:49 PM



8/23/99

R-2633BA_Rdy_xpl_LREV_LT1.dgn 9/29/2013 12:26:50 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-6

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

80 / 70 / 60

6:1 5.958:1 0.025 4:1 4.91:1 0.080 0.080 3:1

D.P. 73.24
67.85
347+50.00
73.78
RP_DIREV
15+15.80
S.S. 67.35

6:1 5.958:1 0.025 4.11:1 5.36:1 0.080 0.080 3:1

D.P. 73.04
67.81
347+00.00
72.26
RP_DIREV
15+66.67
S.S. 67.66

6:1 5.958:1 0.025 4.34:1 5.67:1 0.078 0.078 3:1

D.P. 72.83
67.91
346+50.00
70.75
RP_DIREV
16+17.92
S.S. 67.86

6:1 5.958:1 0.025 4.61:1

D.P. 72.62
67.58
346+00.00
S.S. 68.05

6:1 5.958:1 0.025 4.61:1

D.P. 72.40
67.48
345+50.00
S.S. 67.84

-LREV-

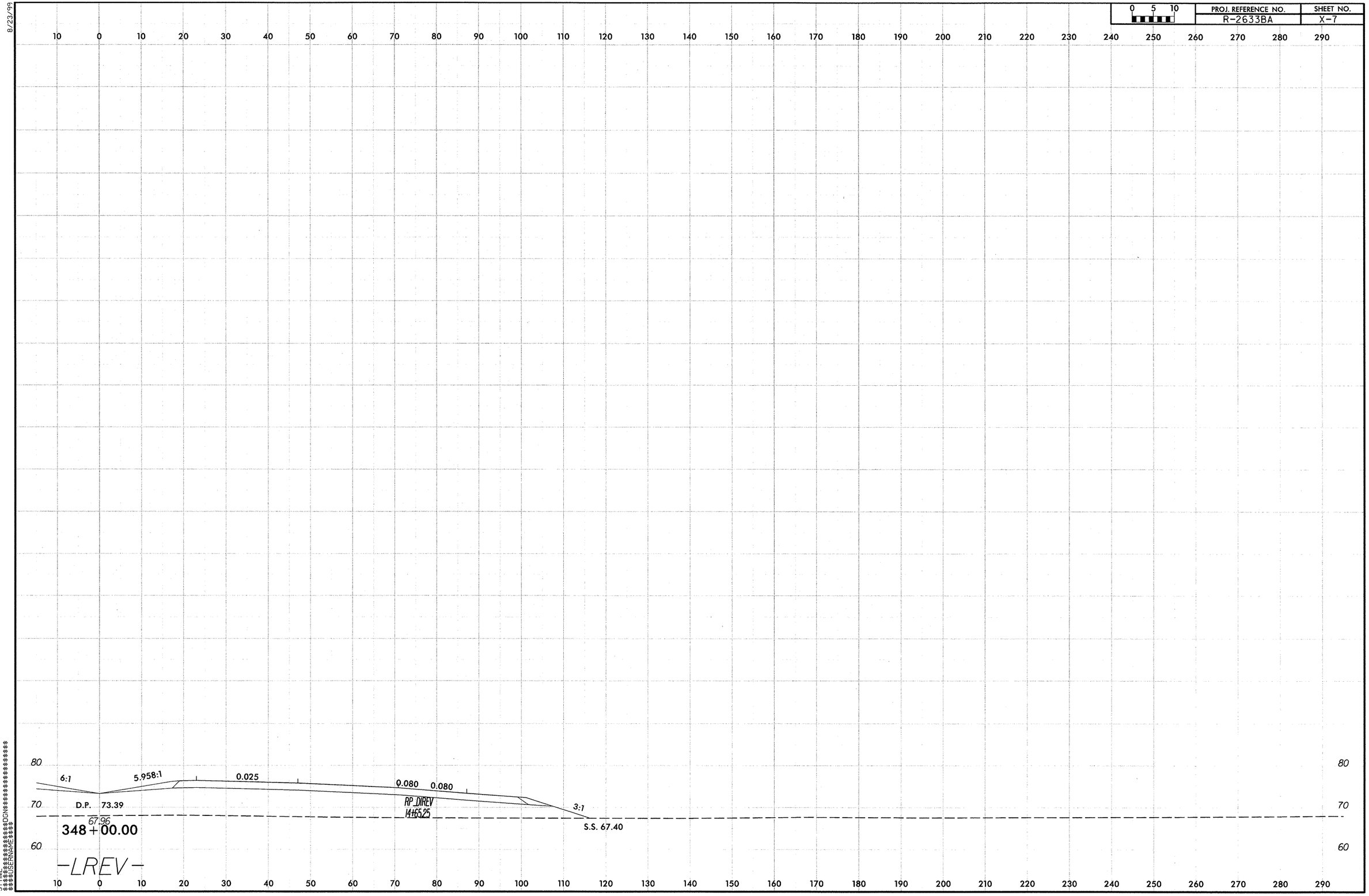
10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

SYTIME
$$$$DGN
$$$$USER
$$$$FILE

R-2633BA_Rdy_xpl_LREV_RT1.dgn 9/29/2013 12:26:50 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-7

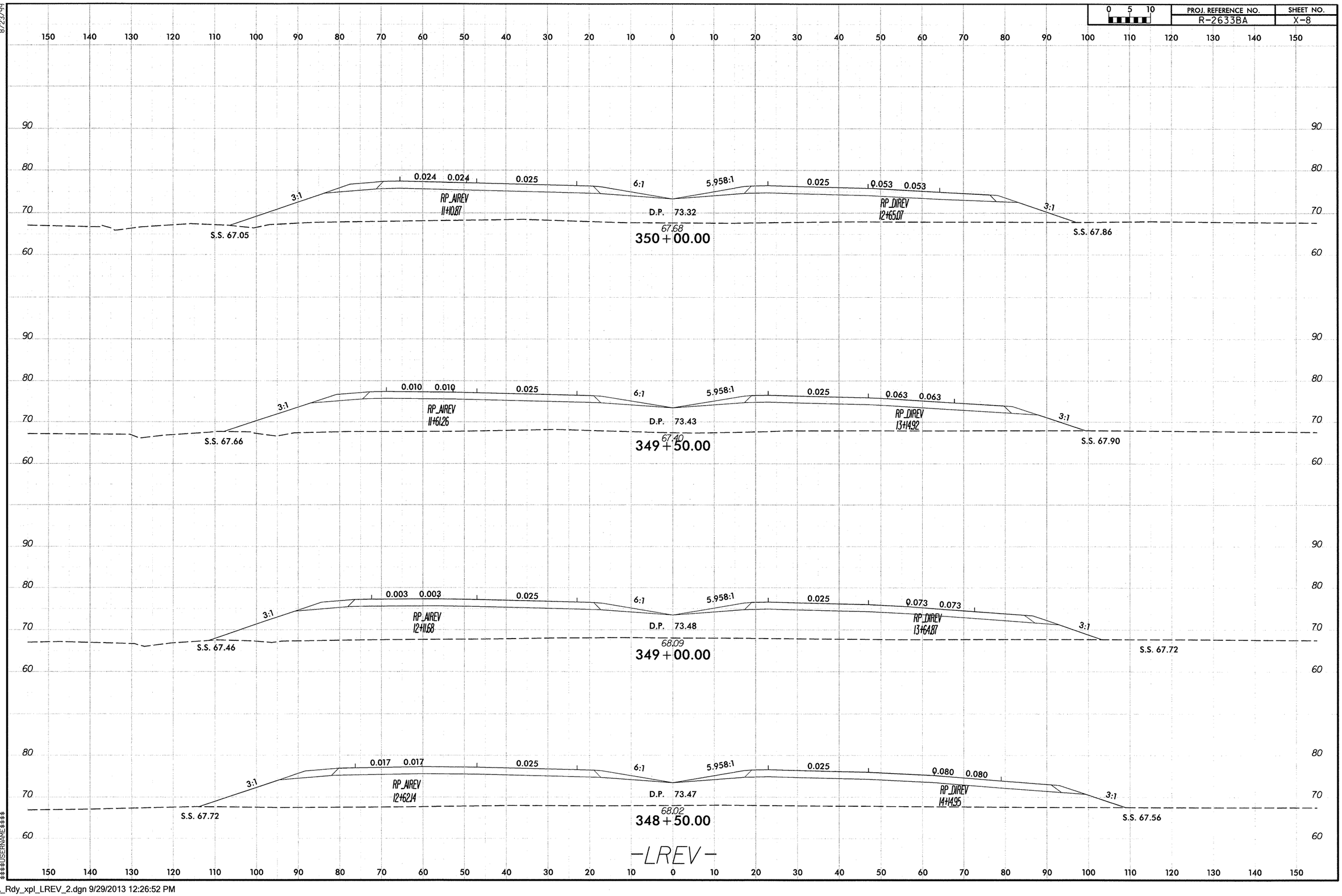


SYTIME
$$$$USERNAME$$$$DGN$$$$

R-2633BA_Rdy_xpl_LREV_RT1.dgn 9/29/2013 12:26:51 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-8

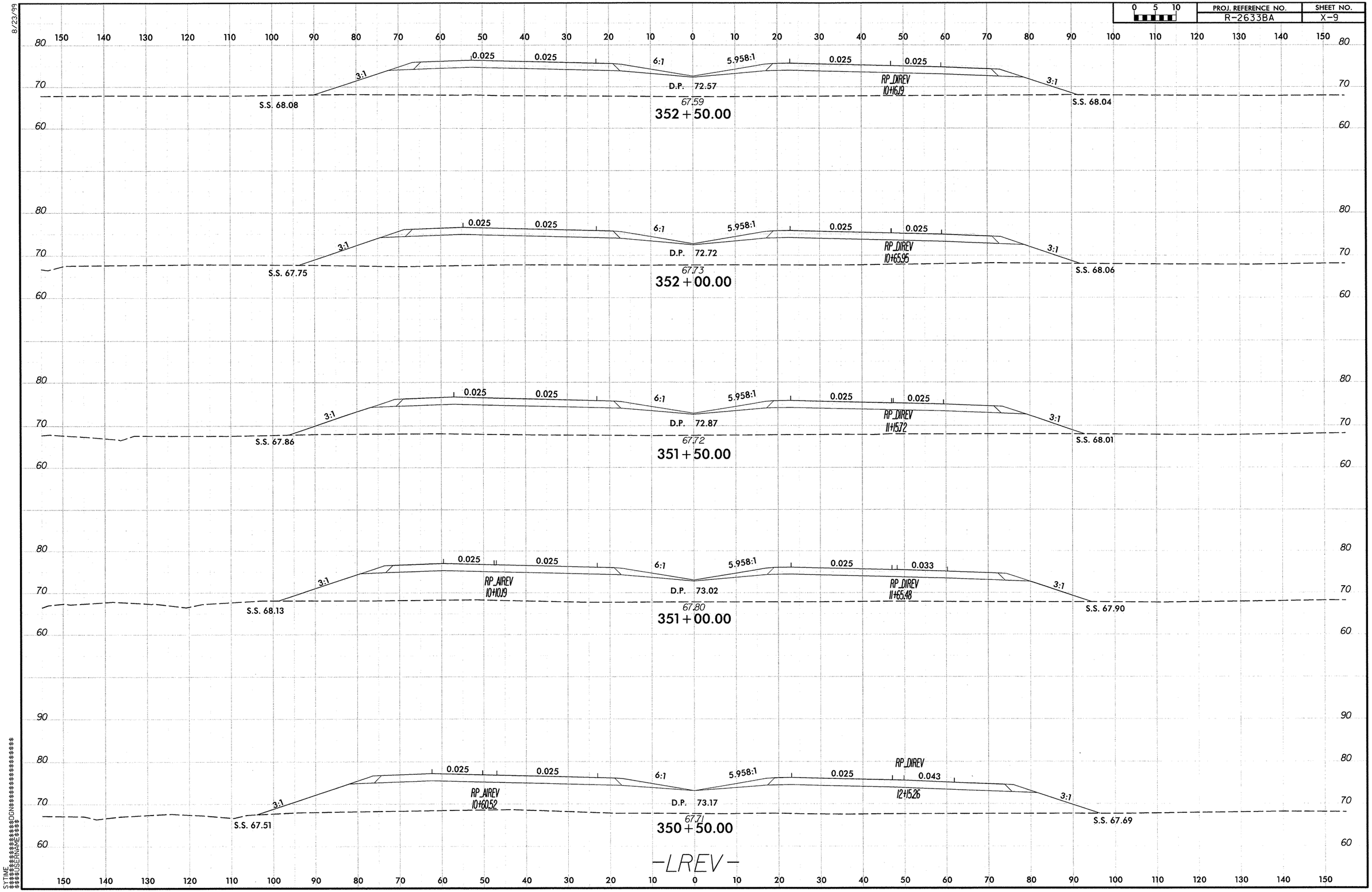


SYTIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:52 PM

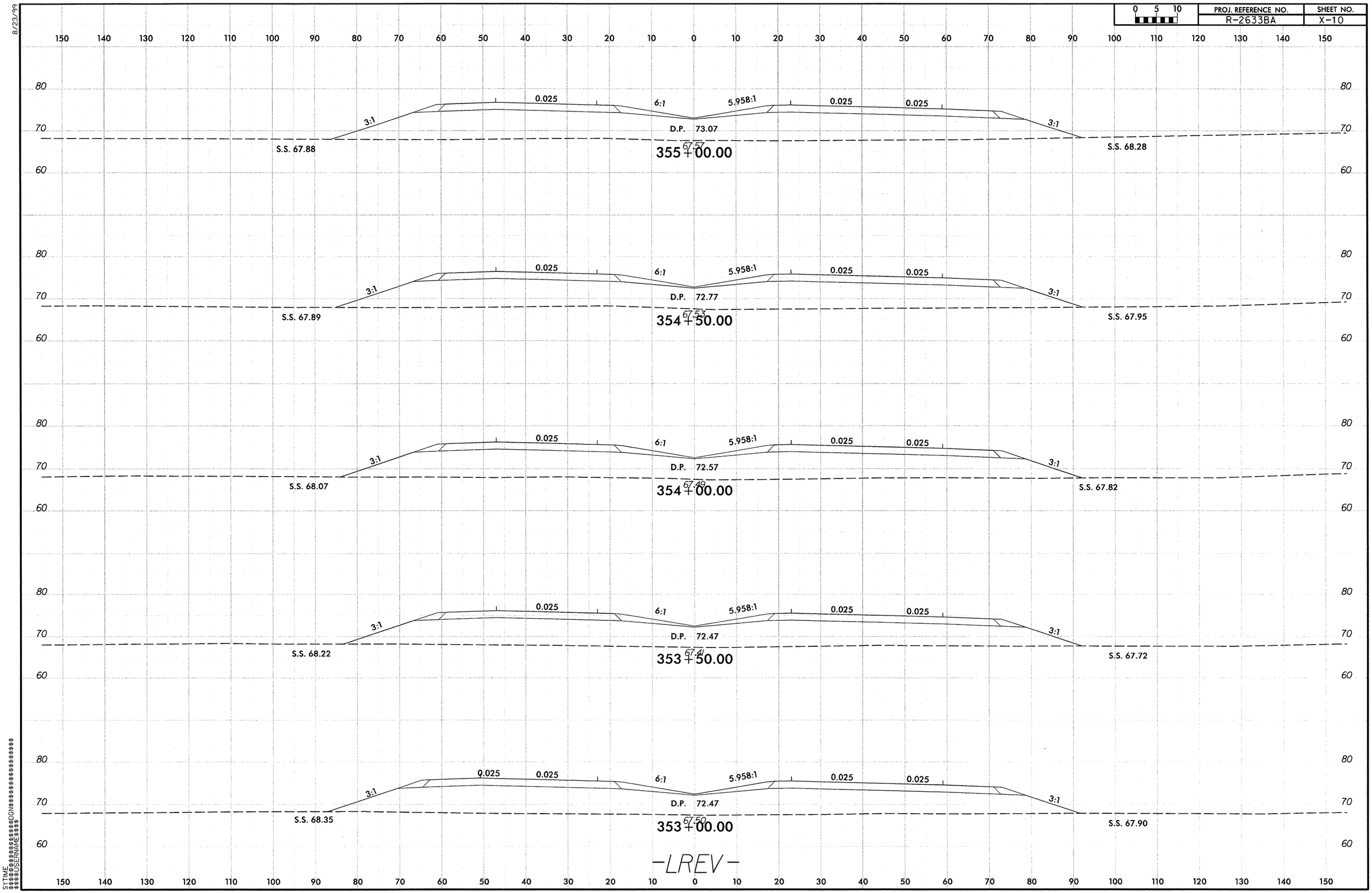
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-9



SYTIME
DGN

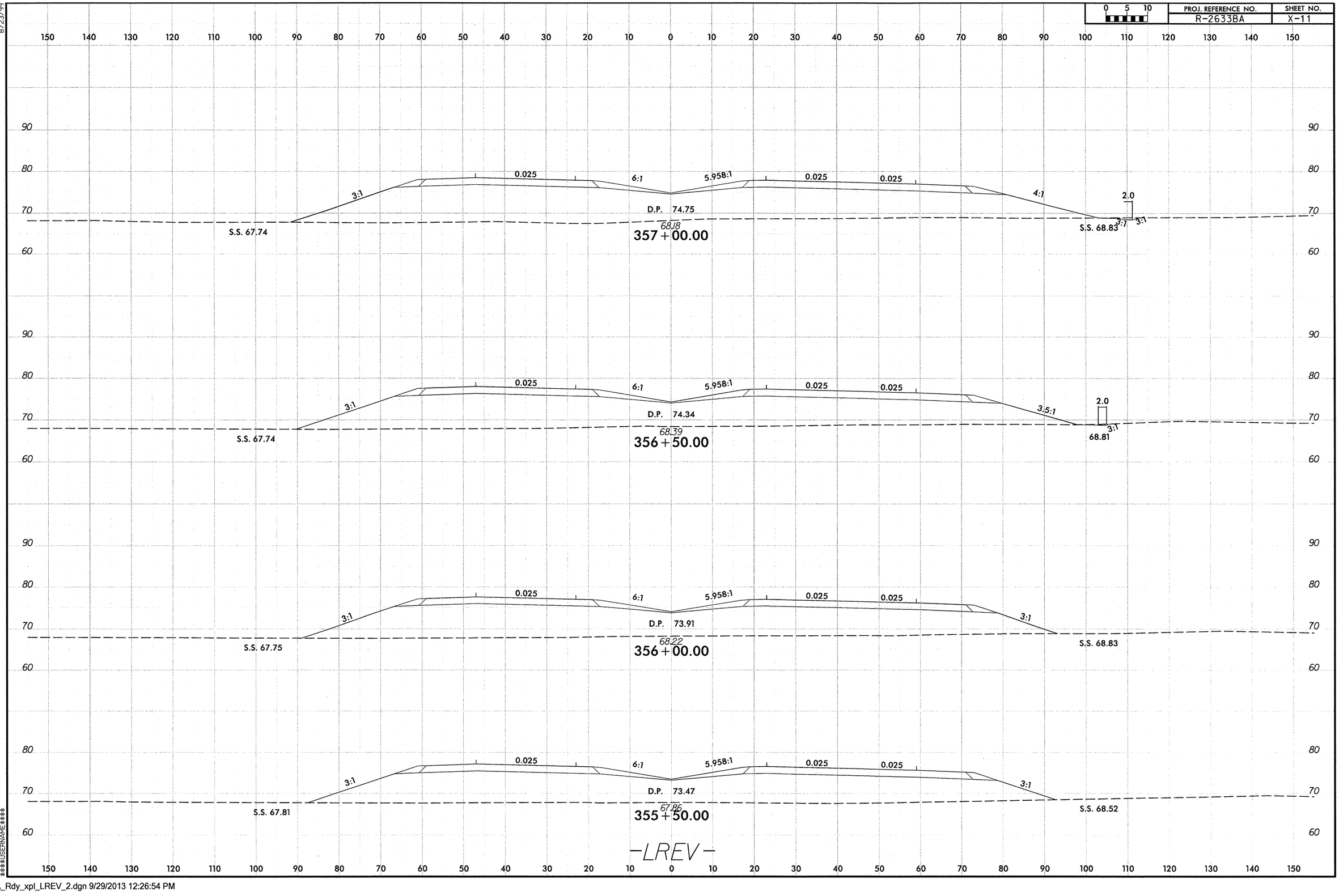
R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:52 PM



R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:53 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-11



$TIME
$USERNAME
$DGN

R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:54 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-12

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

90 80 70 60

0.025 6:1 5.958:1 0.025 0.025 3:1 4.09:1 2.0 3:1 3:1

D.P. 76.23

69.30

S.S. 68.67

359+00.00

S.S. 70.56 69.60

0.025 6:1 5.958:1 0.025 0.025 3:1 4.04:1 2.0 3:1 3:1

D.P. 75.88

68.78

S.S. 68.41

358+50.00

S.S. 70.10 69.35

0.025 6:1 5.958:1 0.025 0.025 3:1 4.12:1 2.0 3:1 3:1

D.P. 75.52

68.91

S.S. 68.30

358+00.00

S.S. 69.88 69.10

0.025 6:1 5.958:1 0.025 0.025 3:1 4.09:1 2.0 3:1 3:1

D.P. 75.14

68.88

S.S. 67.75

357+50.00

S.S. 69.45 69.00

-LREV-

$XTIME
$$$$$$$$$$$$$$$$$$$$DGN
$$$$$$$$$$$$$$$$$$$$
$$$$$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:54 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-13

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

90 80 70 60

0.025 6:1 5.958:1 0.025 0.025 4:1 4.09:1 2.0 3:1 3:1

D.P. 77.46

71.20

S.S. 69.38

S.S. 71.98

70.30

361+00.00

0.025 6:1 5.958:1 0.025 0.025 4:1 4.05:1 2.0 3:1 3:1

D.P. 77.18

70.51

S.S. 69.08

S.S. 71.58

70.15

360+50.00

0.025 6:1 5.958:1 0.025 0.025 4:1 4.11:1 2.0 3:1 3:1

D.P. 76.88

70.09

S.S. 68.85

S.S. 71.34

70.00

360+00.00

0.025 6:1 5.958:1 0.025 0.025 3.5:1 4.09:1 2.0 3:1 3:1

D.P. 76.56

69.73

S.S. 68.69

S.S. 70.95

69.85

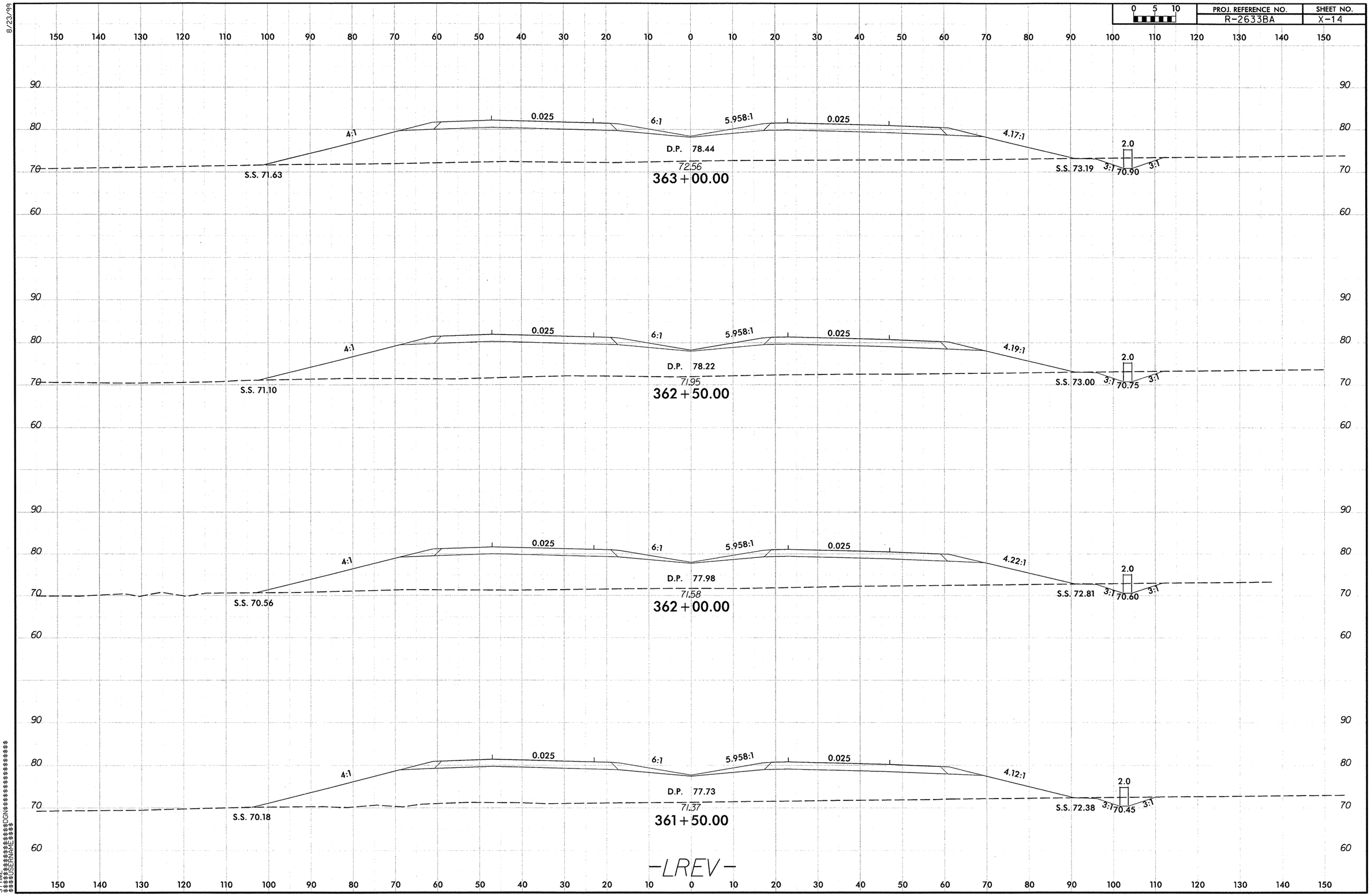
359+50.00

-LREV-

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

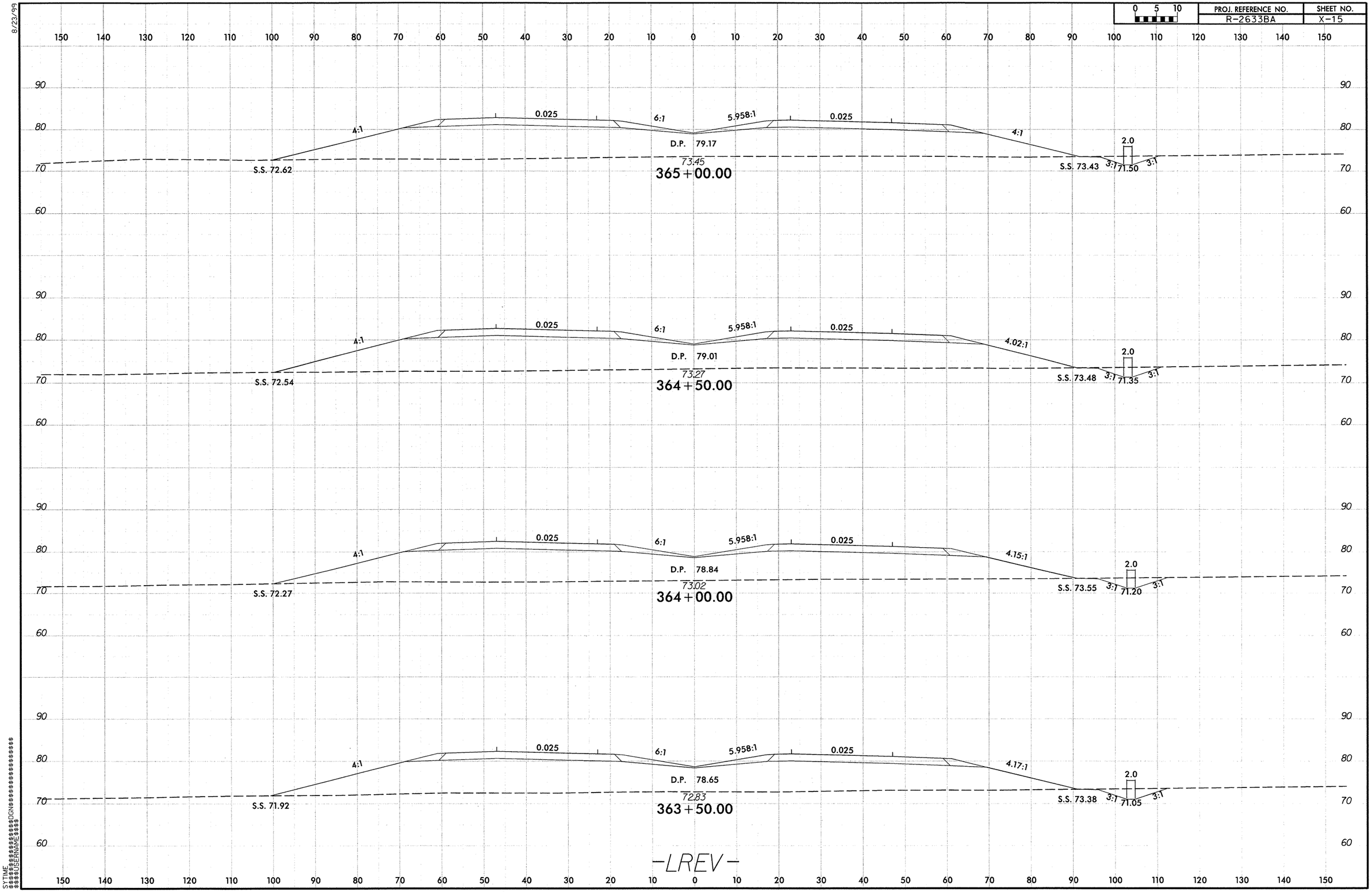
SYTIME
SYDGN

R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:55 PM



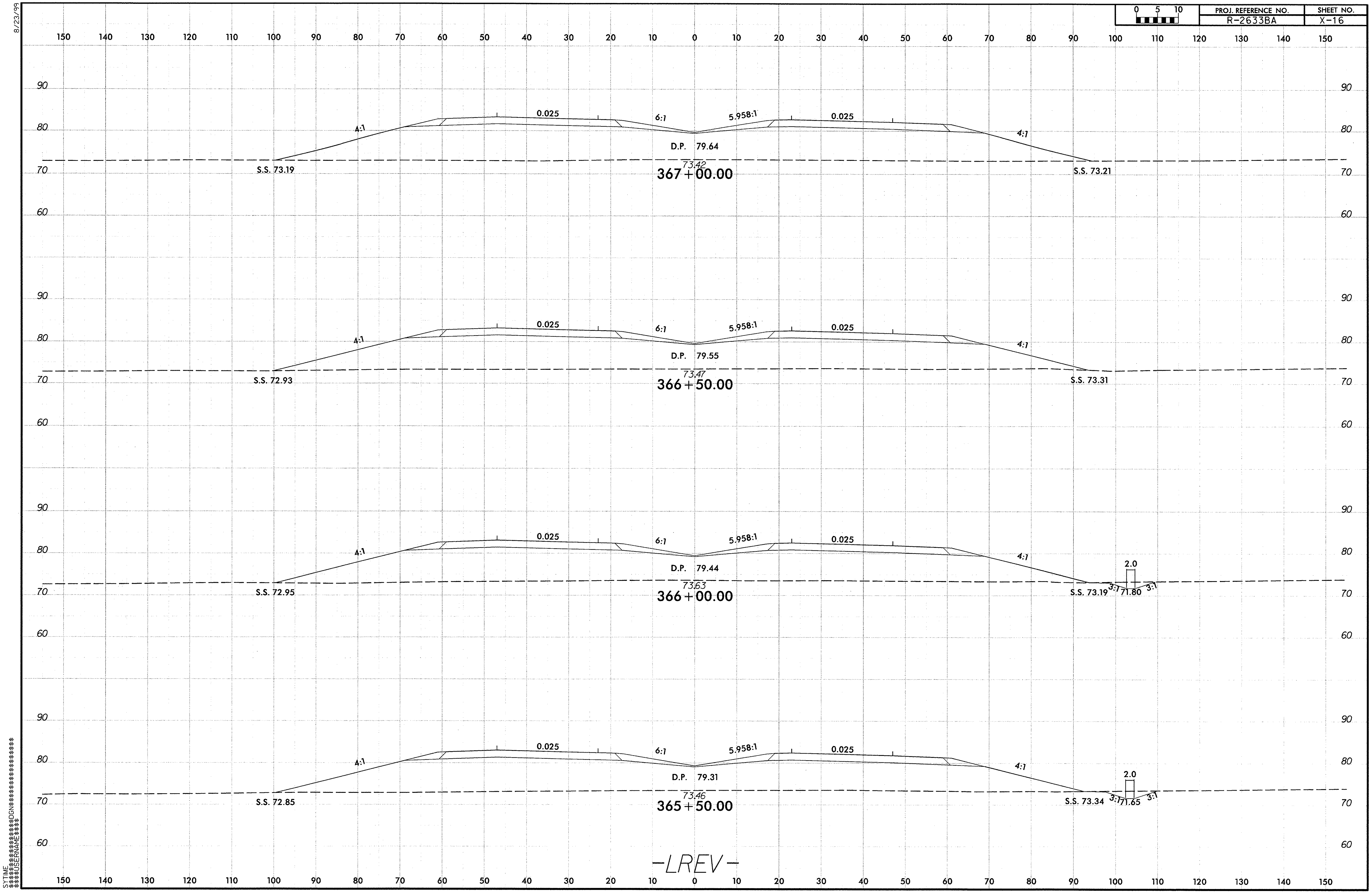
8/23/99

R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:56 PM

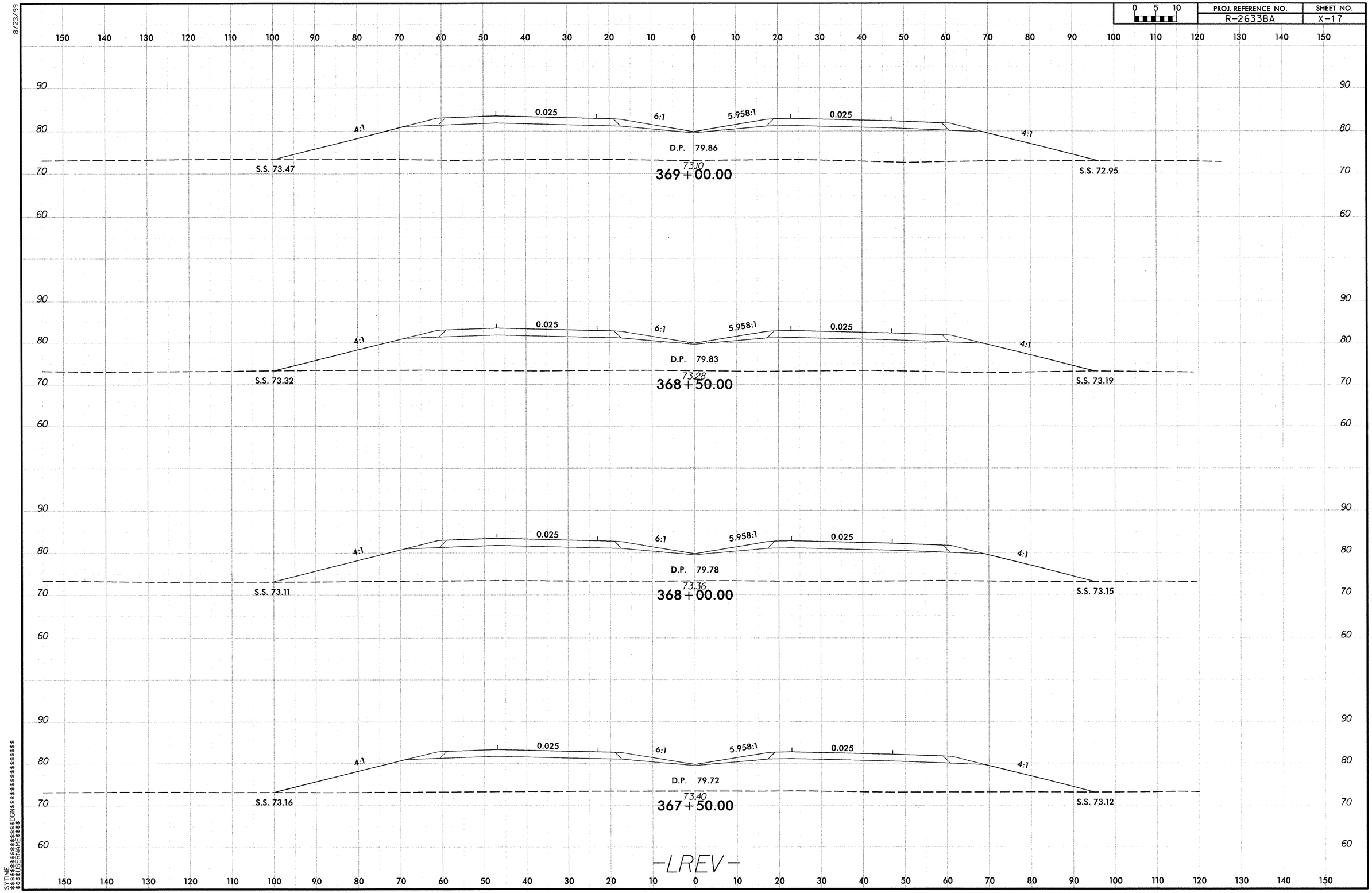


8/23/99

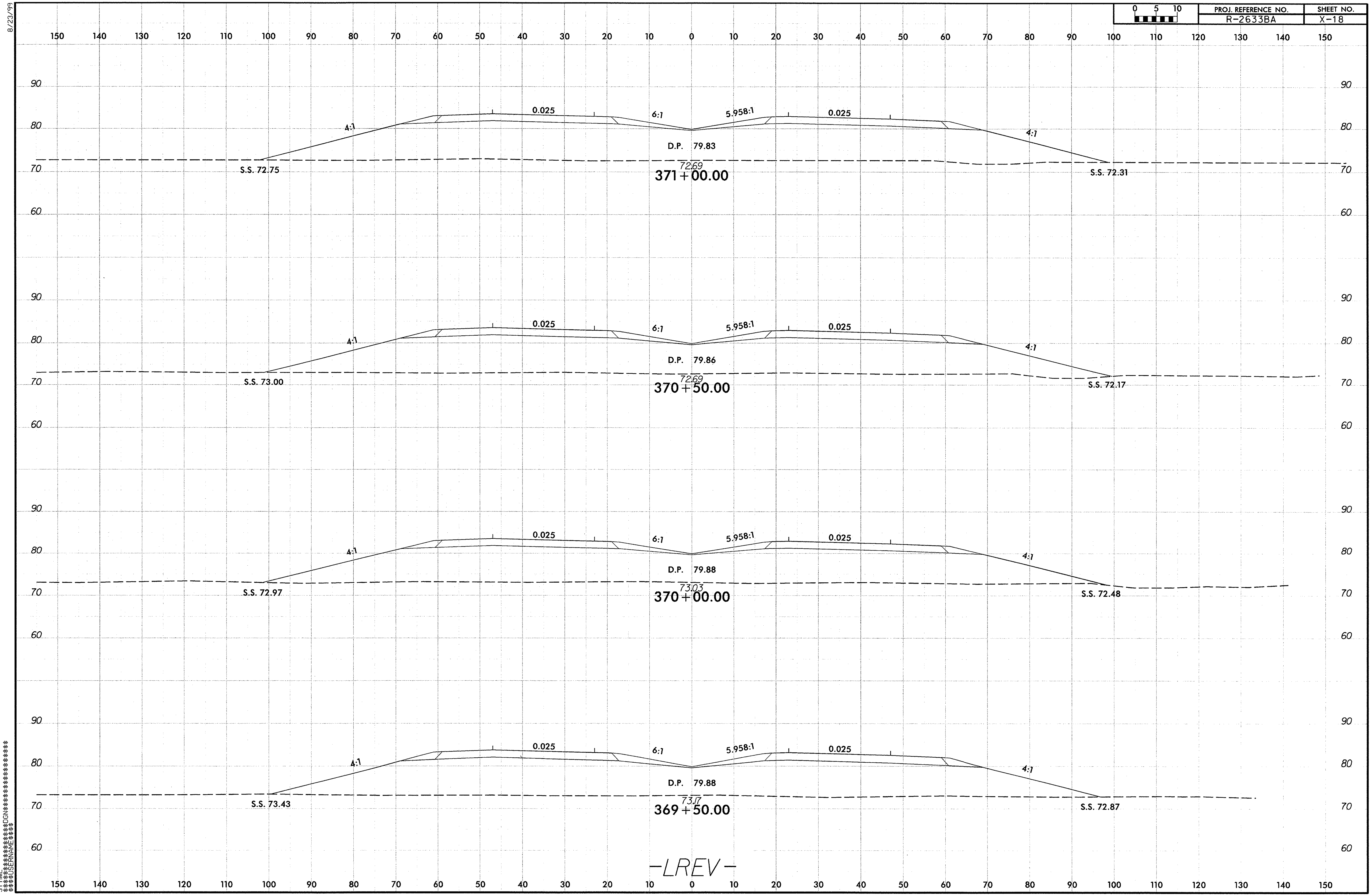
R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:56 PM



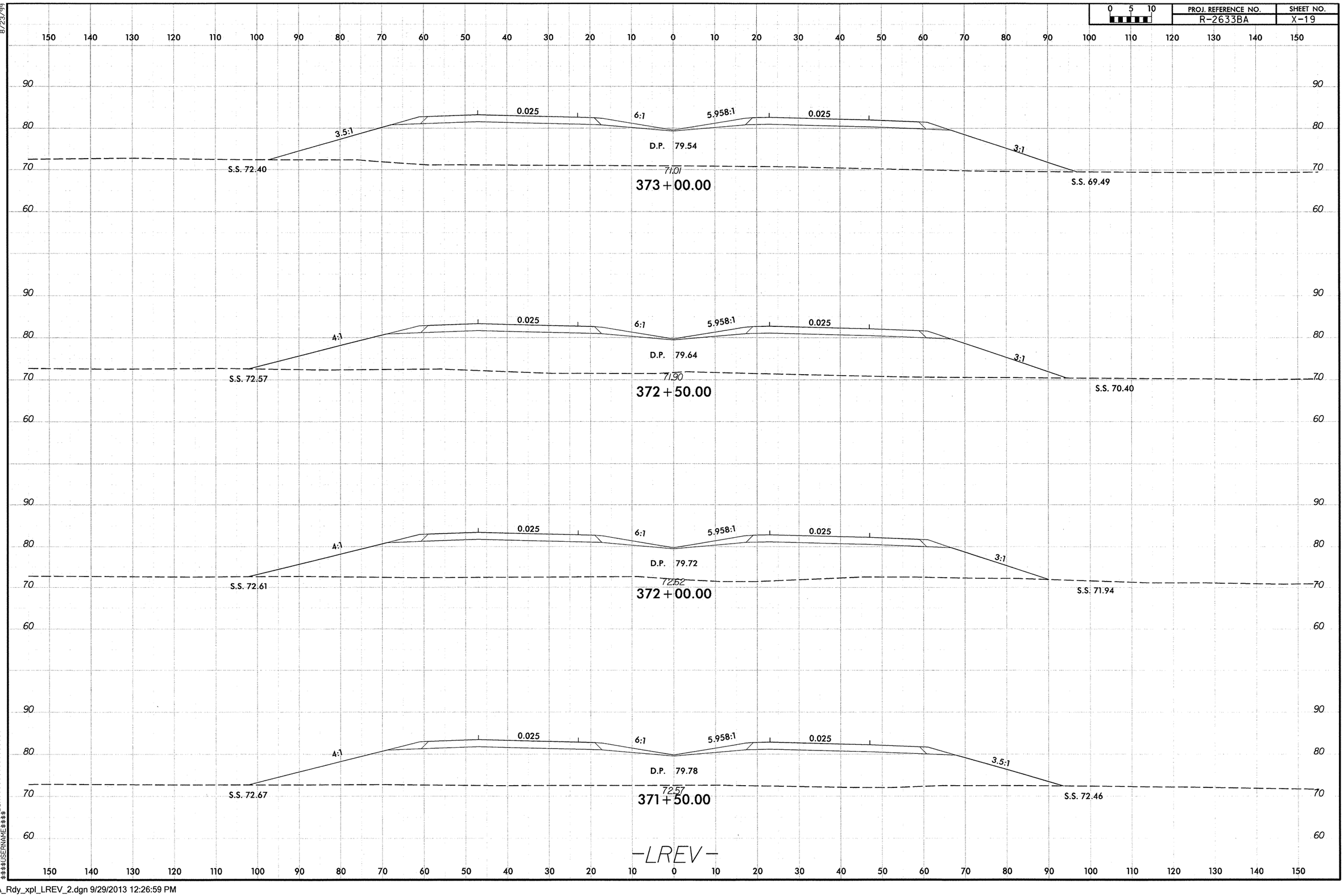
R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:57 PM



R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:58 PM



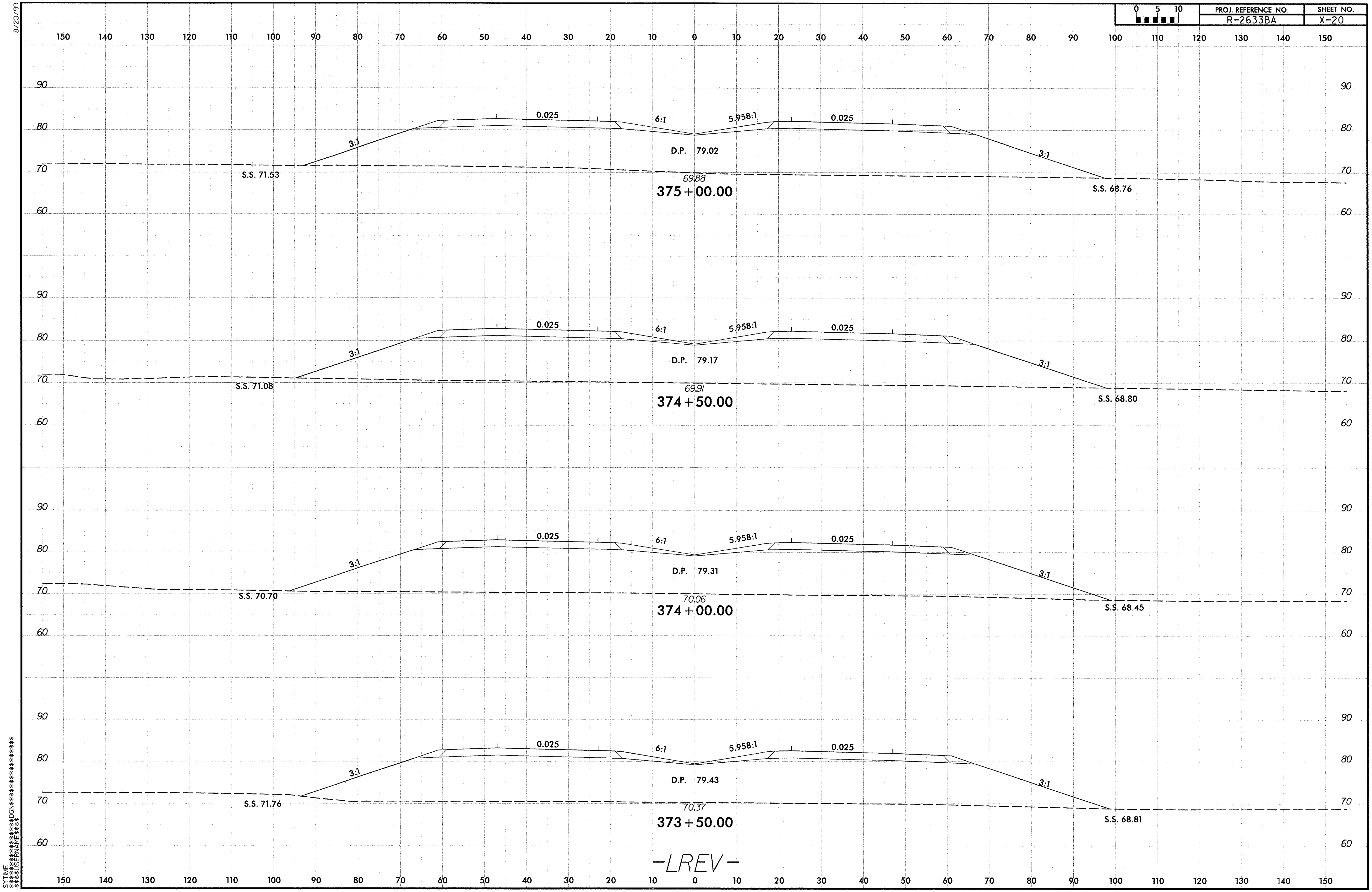
R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:58 PM



8/23/99

R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:26:59 PM

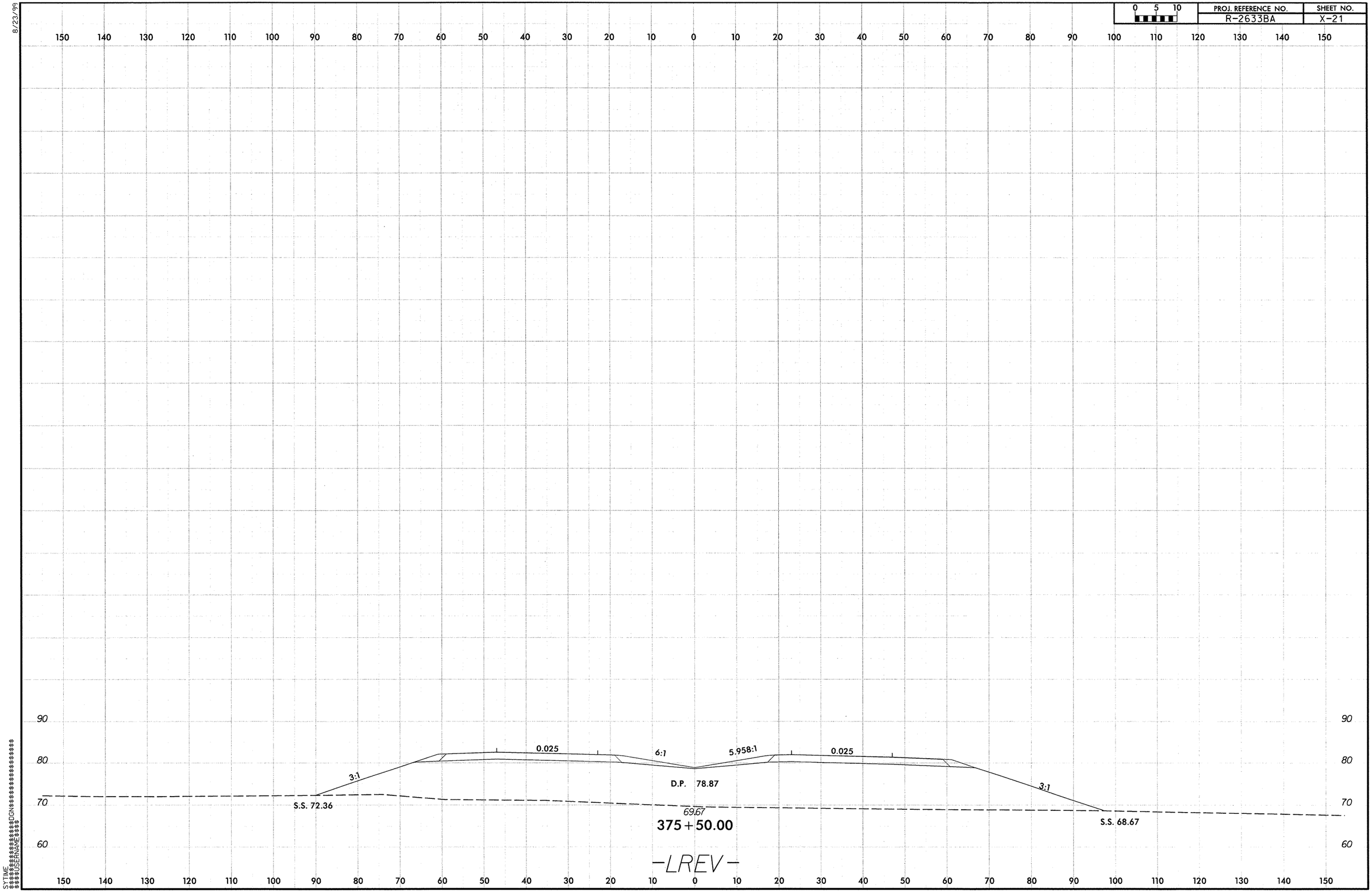
PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-20



8/23/99

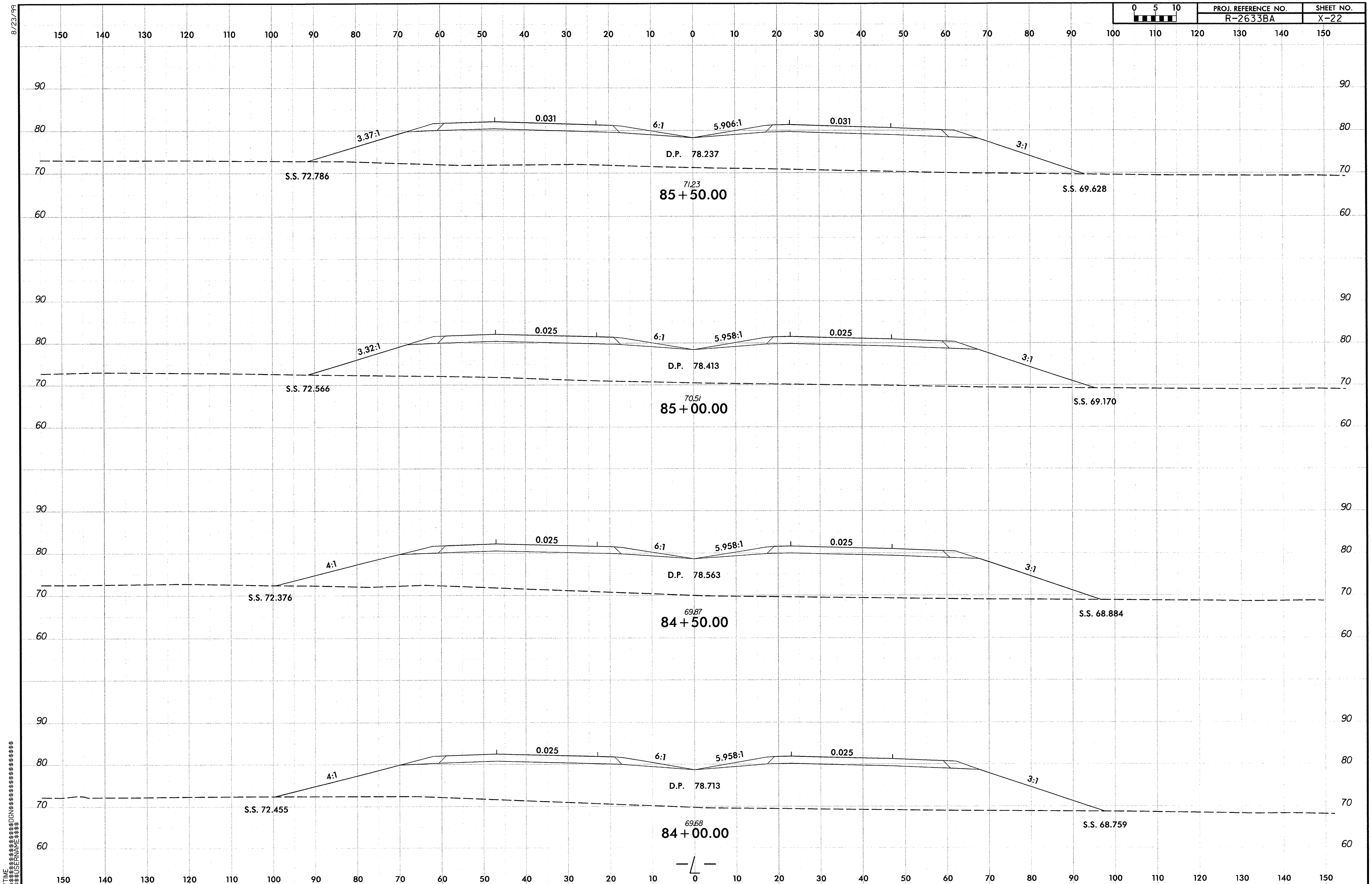
0 5 10

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-21

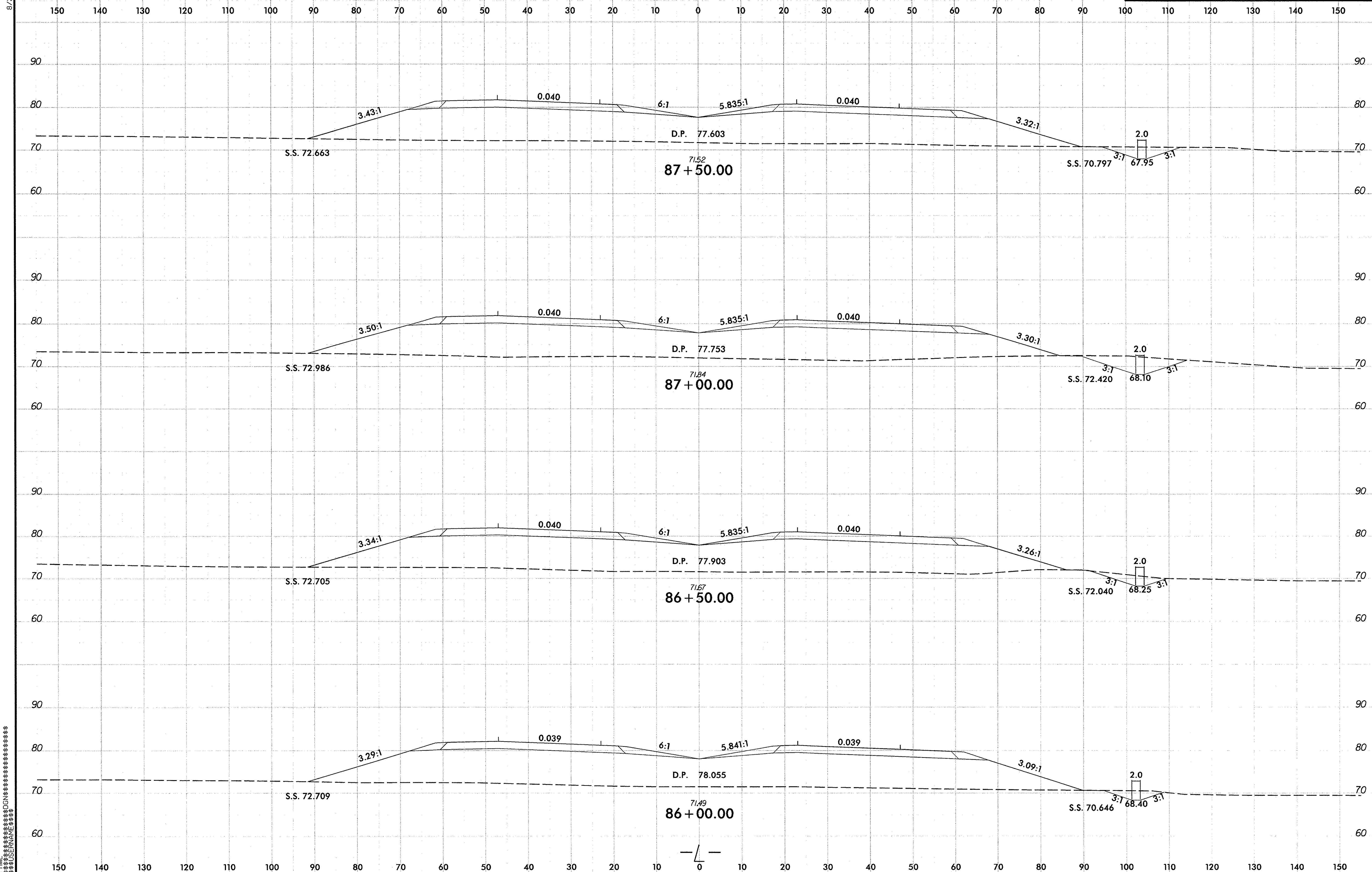


SYTIME
$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$

R-2633BA_Rdy_xpl_LREV_2.dgn 9/29/2013 12:27:00 PM


0 5 10
PROJ. REFERENCE NO.
R-2633BA
SHEET NO.
X-22
8/23/99
0.031
6:1
5.906:1
0.031
3.37:1
3:1
D.P. 78.237
S.S. 72.786
S.S. 69.628
71.23
85+50.00
0.025
6:1
5.958:1
0.025
3.32:1
3:1
D.P. 78.413
S.S. 72.566
S.S. 69.170
70.51
85+00.00
0.025
6:1
5.958:1
0.025
4:1
3:1
D.P. 78.563
S.S. 72.376
S.S. 68.884
69.87
84+50.00
0.025
6:1
5.958:1
0.025
4:1
3:1
D.P. 78.713
S.S. 72.455
S.S. 68.759
69.68
84+00.00
-L-
SYTIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-23



R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:03 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-24

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

90 / 80 / 70 / 60

2.0 — 3:1 — 69.25 — 3:1 — S.S. 72.299 — 3.53:1 — 0.040 — 6:1 — 5.835:1 — 0.040 — 3.40:1 — S.S. 69.797 — 3:1 — 67.25 — 3:1 — 2.0

D.P. 77.003

70.95

89+50.00

2.0 — 3:1 — 69.50 — 3:1 — S.S. 72.335 — 3.48:1 — 0.040 — 6:1 — 5.835:1 — 0.040 — 3.67:1 — S.S. 69.067 — 3:1 — 67.50 — 3:1 — 2.0

D.P. 77.153

71.15

89+00.00

2.0 — 3:1 — 69.75 — 3:1 — S.S. 72.725 — 3.58:1 — 0.040 — 6:1 — 5.835:1 — 0.040 — 3.44:1 — S.S. 69.353 — 3:1 — 67.65 — 3:1 — 2.0

D.P. 77.303

71.27

88+50.00

2.0 — 3:1 — 70.00 — 3:1 — S.S. 72.438 — 3.41:1 — 0.040 — 6:1 — 5.835:1 — 0.040 — 3.32:1 — S.S. 70.031 — 3:1 — 67.80 — 3:1 — 2.0

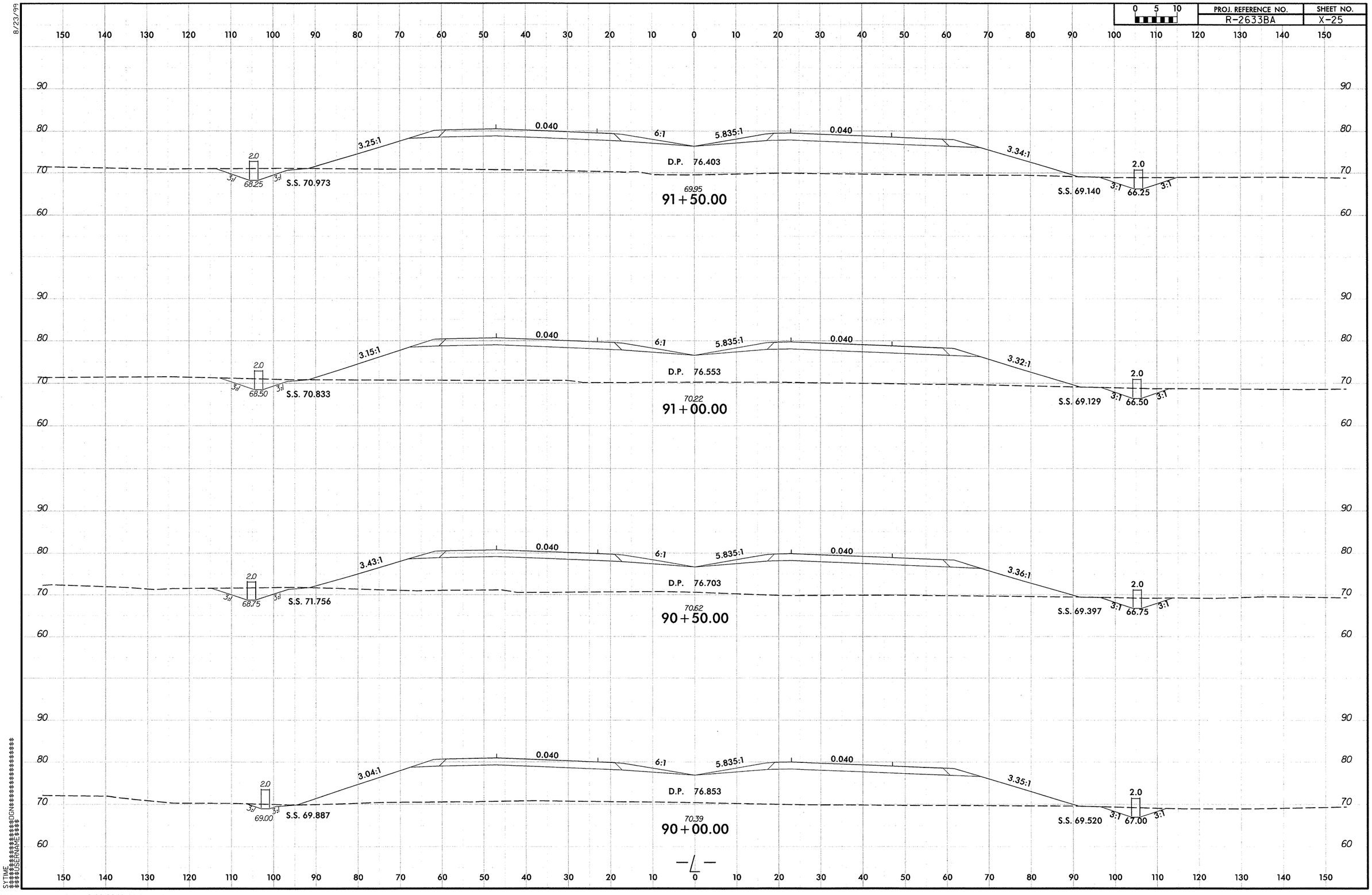
D.P. 77.453

71.64

88+00.00

SYTIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:04 PM



R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:05 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-26

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

90 80 70 60

2.0 3:1 67.25 3:1 S.S. 69.746 3.03:1 0.040 6:1 5.835:1 0.040 3.39:1 D.P. 75.593 S.S. 68.109 2.0 3:1 65.25 3:1

68.98
93+50.00

90 80 70 60

2.0 3:1 67.50 3:1 S.S. 69.719 3.05:1 0.040 6:1 5.835:1 0.040 3.34:1 D.P. 75.859 S.S. 68.512 2.0 3:1 65.50 3:1

69.40
93+00.00

90 80 70 60

2.0 3:1 67.75 3:1 S.S. 70.827 3.07:1 0.040 6:1 5.835:1 0.040 3.36:1 D.P. 76.079 S.S. 68.786 2.0 3:1 65.75 3:1

69.22
92+50.00

90 80 70 60

2.0 3:1 68.00 3:1 S.S. 70.818 3.25:1 0.040 6:1 5.835:1 0.040 3.41:1 D.P. 76.253 S.S. 68.947 2.0 3:1 66.00 3:1

69.68
92+00.00

—℄—

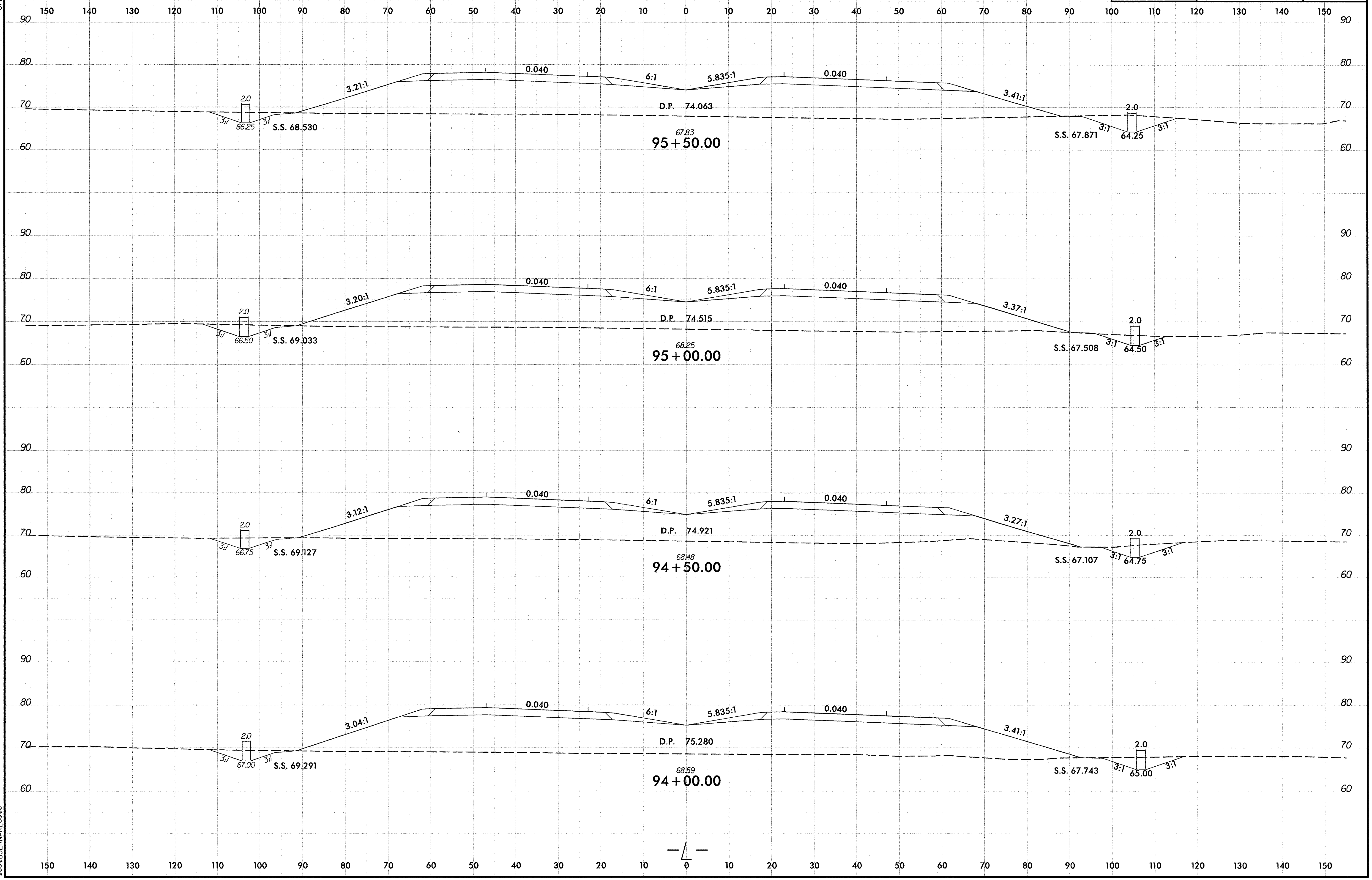
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

SYTIME
DGN
ELEV

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:06 PM

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-27

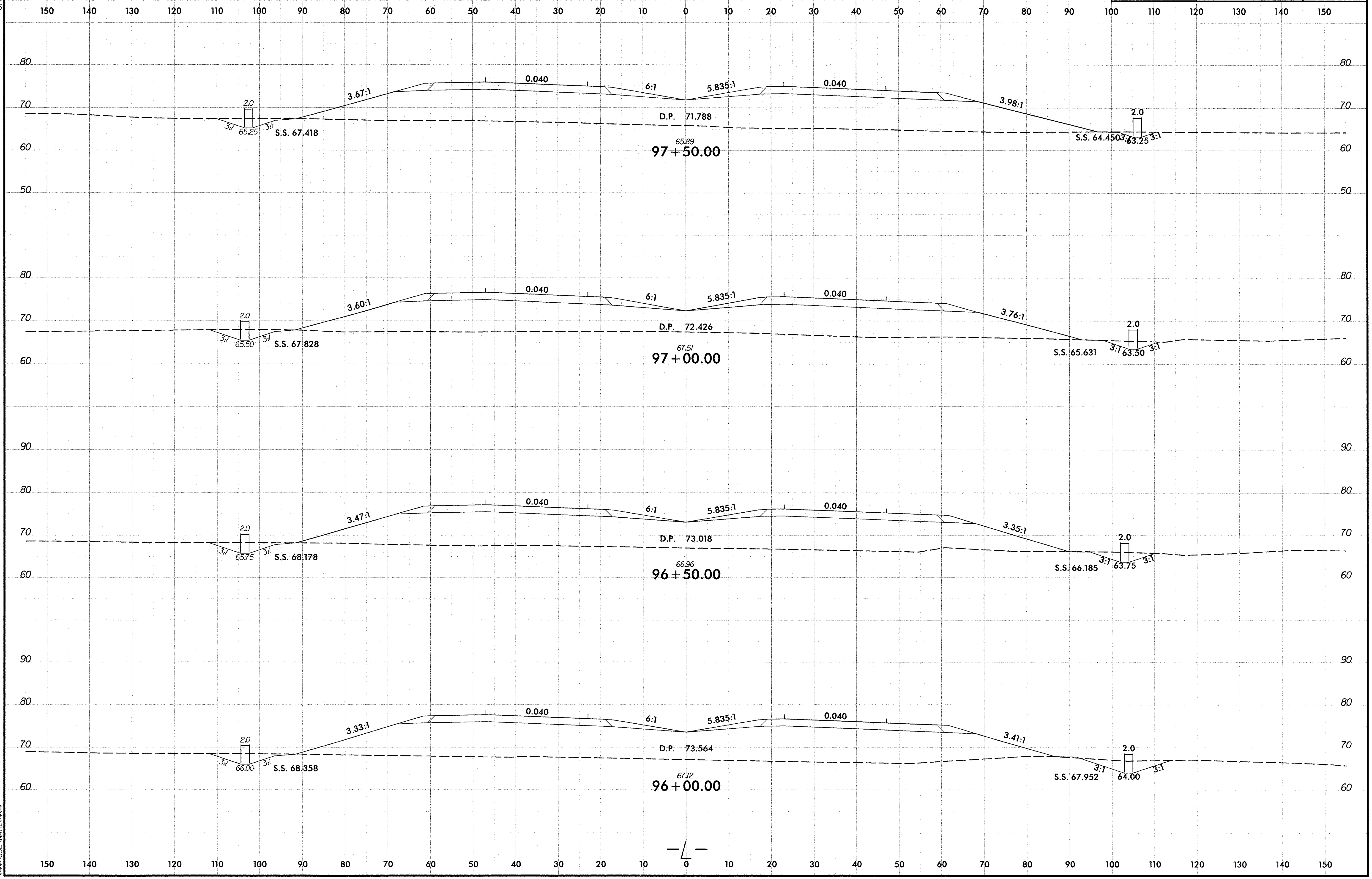


$$$$SYTIME$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:06 PM

8/23/99

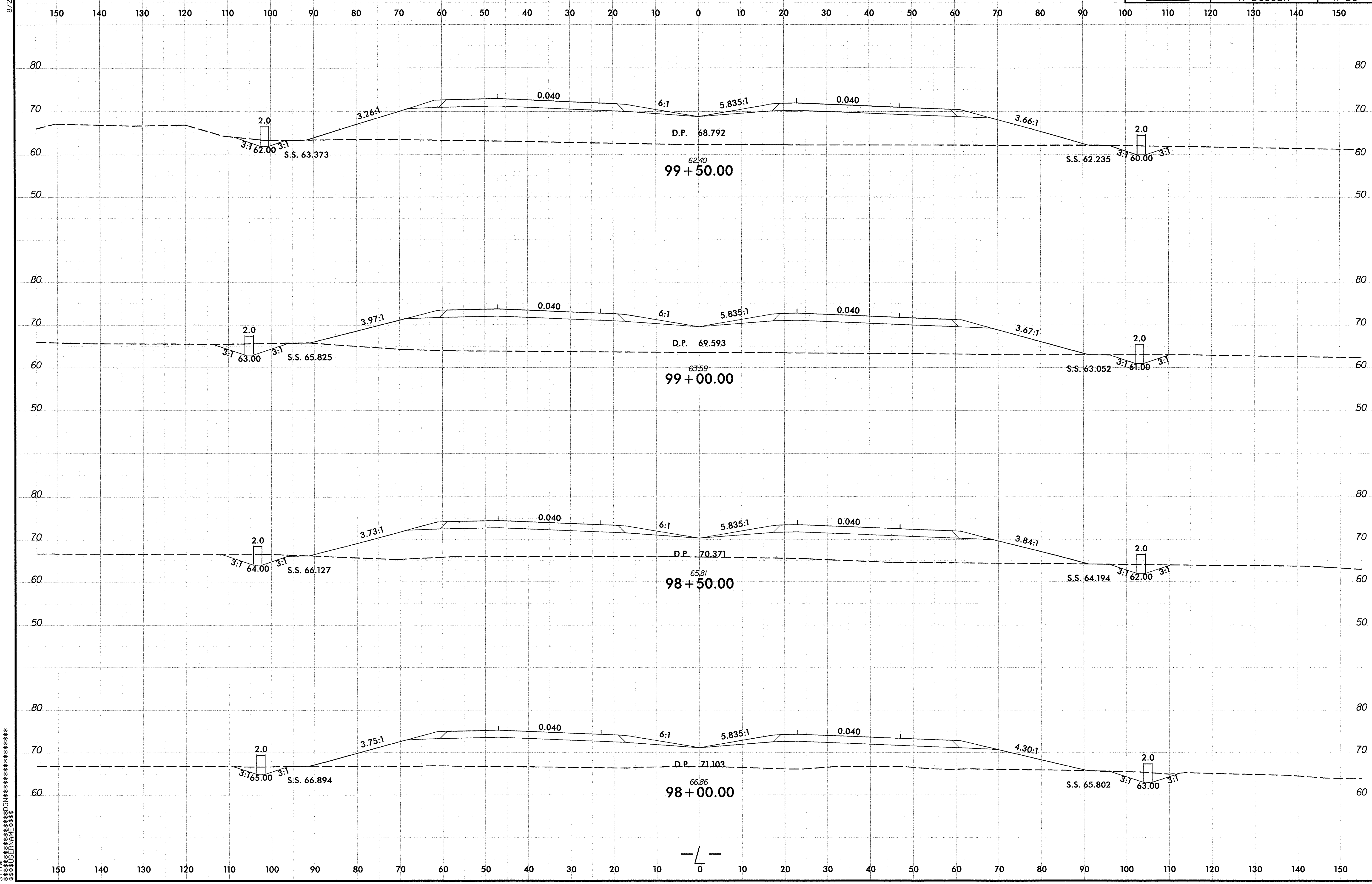
PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-28



$$$$SYTIME$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:07 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-29



R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:08 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-30

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

80 / 70 / 60 / 50

2.0 3:1 58.00 3:1 S.S. 60.122 3.23:1 0.040 6:1 5.835:1 0.040 3.2:1 D.P. 65.587 S.S. 58.352 2.0 3:1 56.00 3:1

59J8
101+50.00

2.0 3:1 59.00 3:1 S.S. 60.895 3.23:1 0.040 6:1 5.835:1 0.040 3.2:1 D.P. 66.388 S.S. 59.121 2.0 3:1 57.00 3:1

60J5
101+00.00

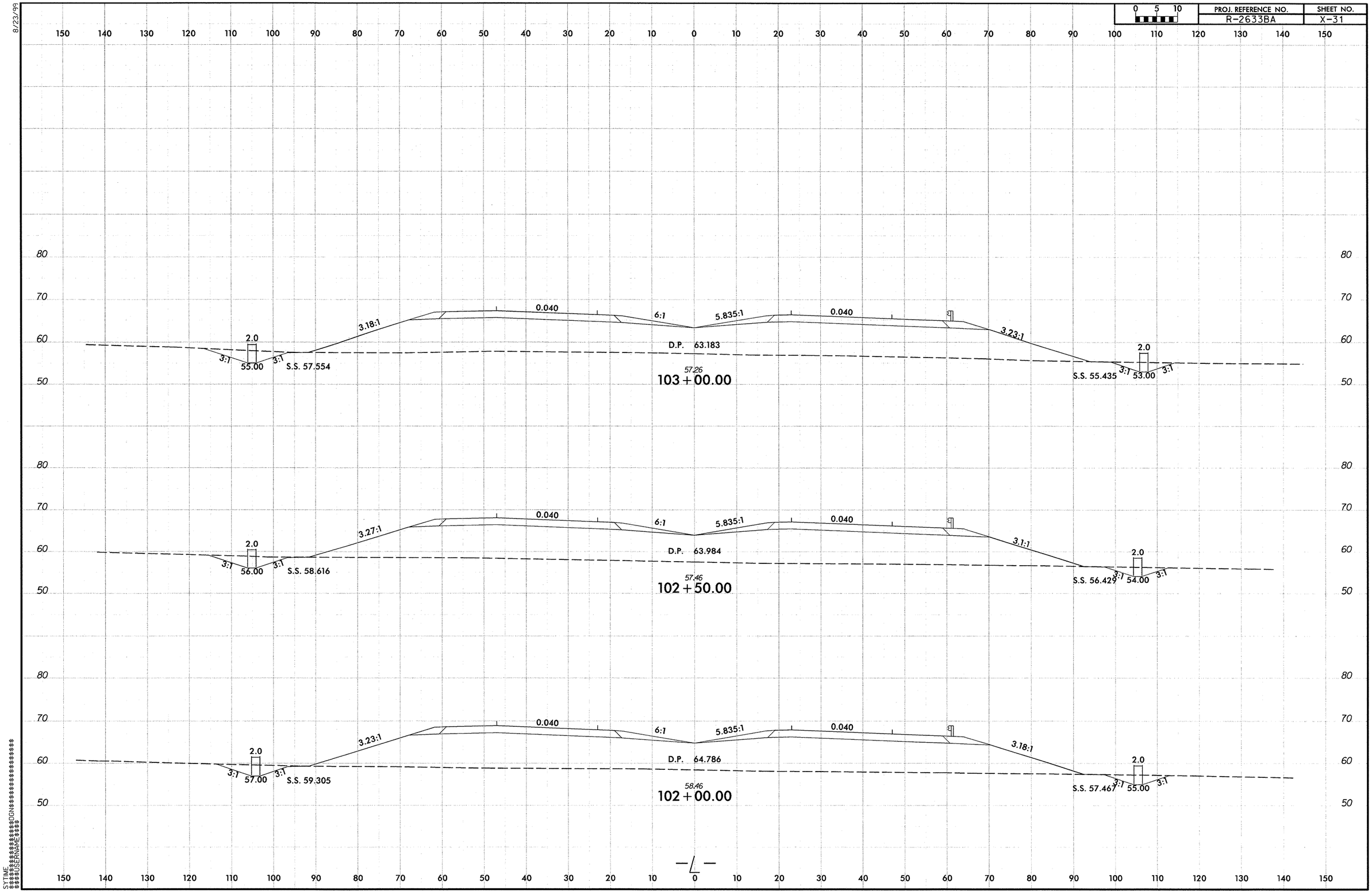
2.0 3:1 60.00 3:1 S.S. 61.858 3.29:1 0.040 6:1 5.835:1 0.040 3.36:1 D.P. 67.189 S.S. 59.888 2.0 3:1 58.00 3:1

61J4
100+50.00

2.0 3:1 61.00 3:1 S.S. 62.966 3.40:1 0.040 6:1 5.835:1 0.040 3.48:1 D.P. 67.991 S.S. 60.985 2.0 3:1 59.00 3:1

61J9
100+00.00

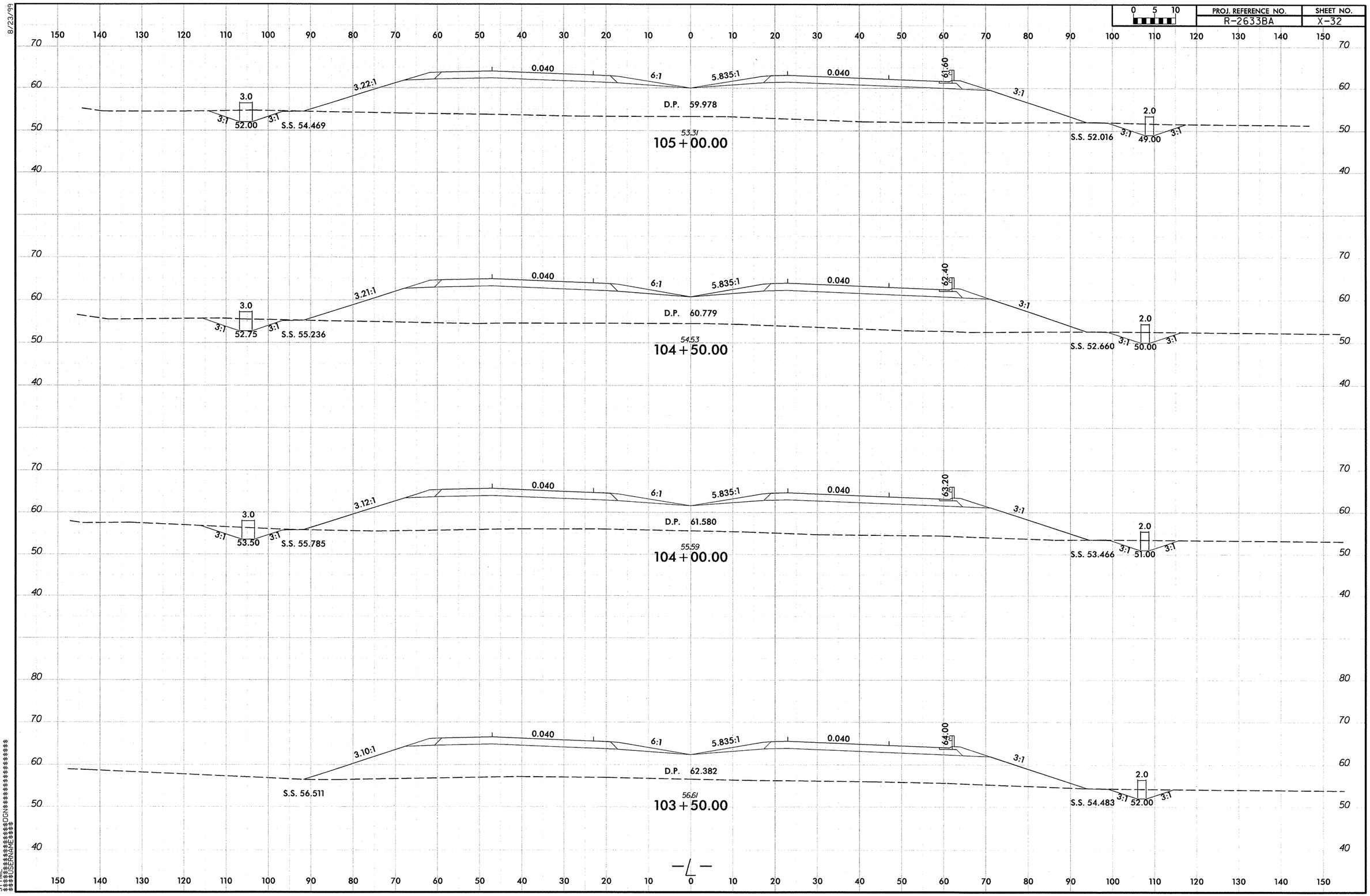
SYTIME
DGN
ENGINEER



R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:09 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-32

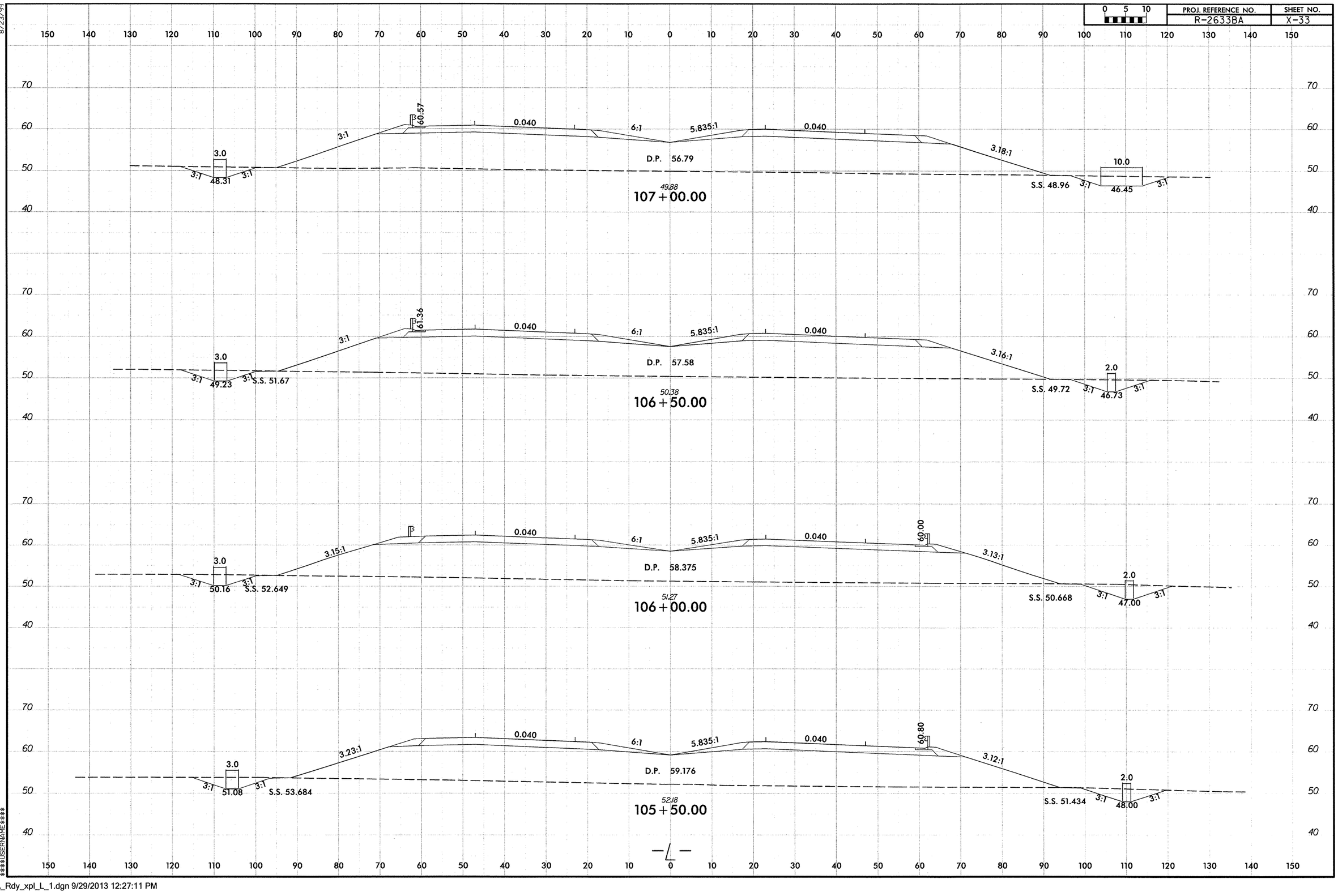


SYTIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:10 PM

8/23/99

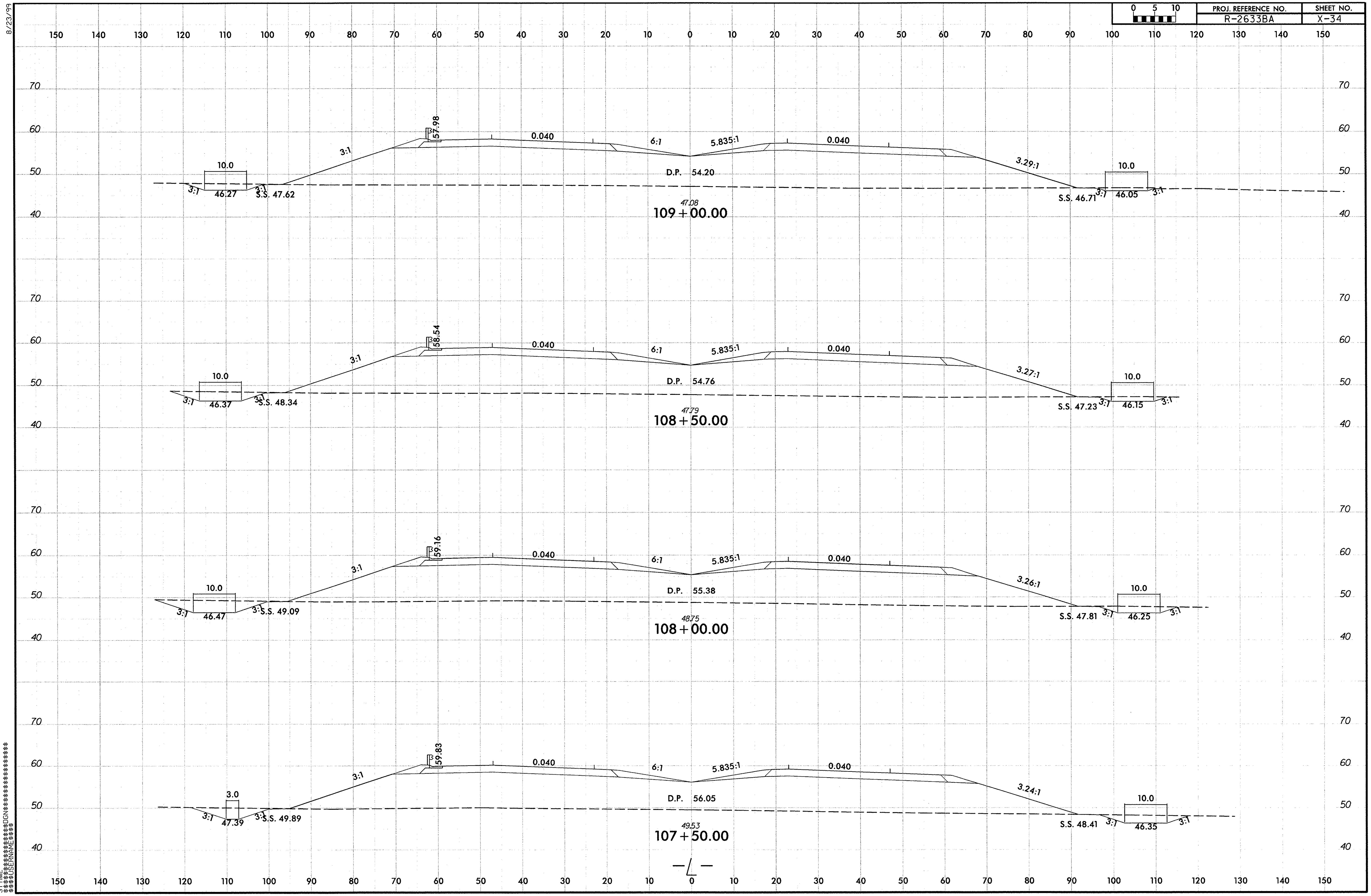
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-33



$$\text{SYTIME}$$
$$\text{DGN}$$
$$\text{USERNAME}$$

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:11 PM

8/23/99



SYTIME $$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$USERNAME$$$$

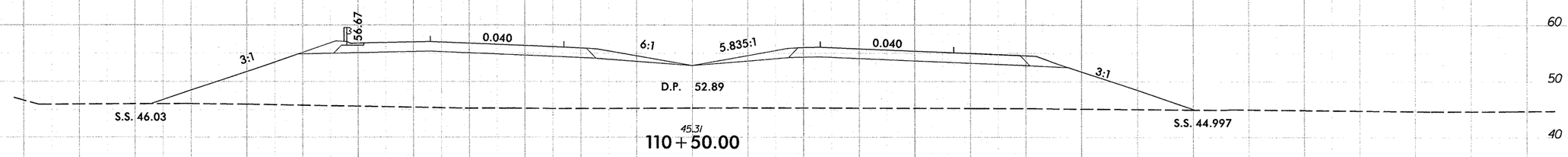
R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:12 PM

8/23/99

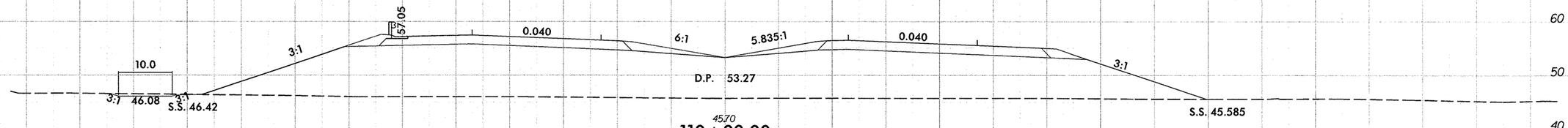
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-35

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

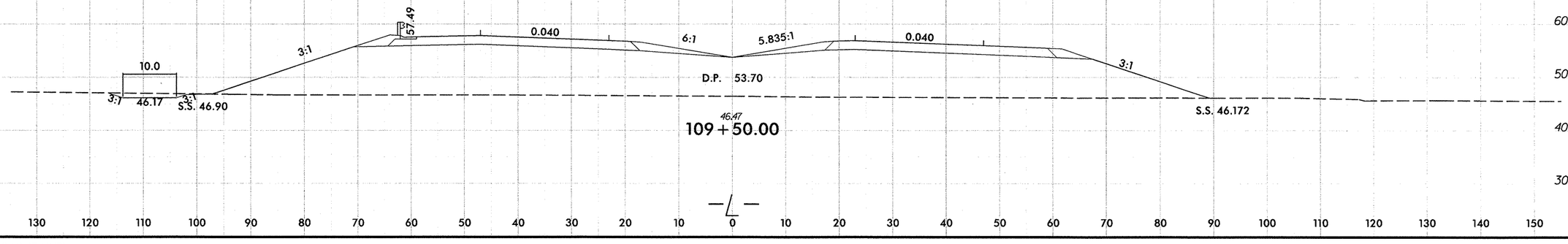
70 60 50 40 30



45.31
110+50.00



45.70
110+00.00



46.47
109+50.00

70 60 50 40 30

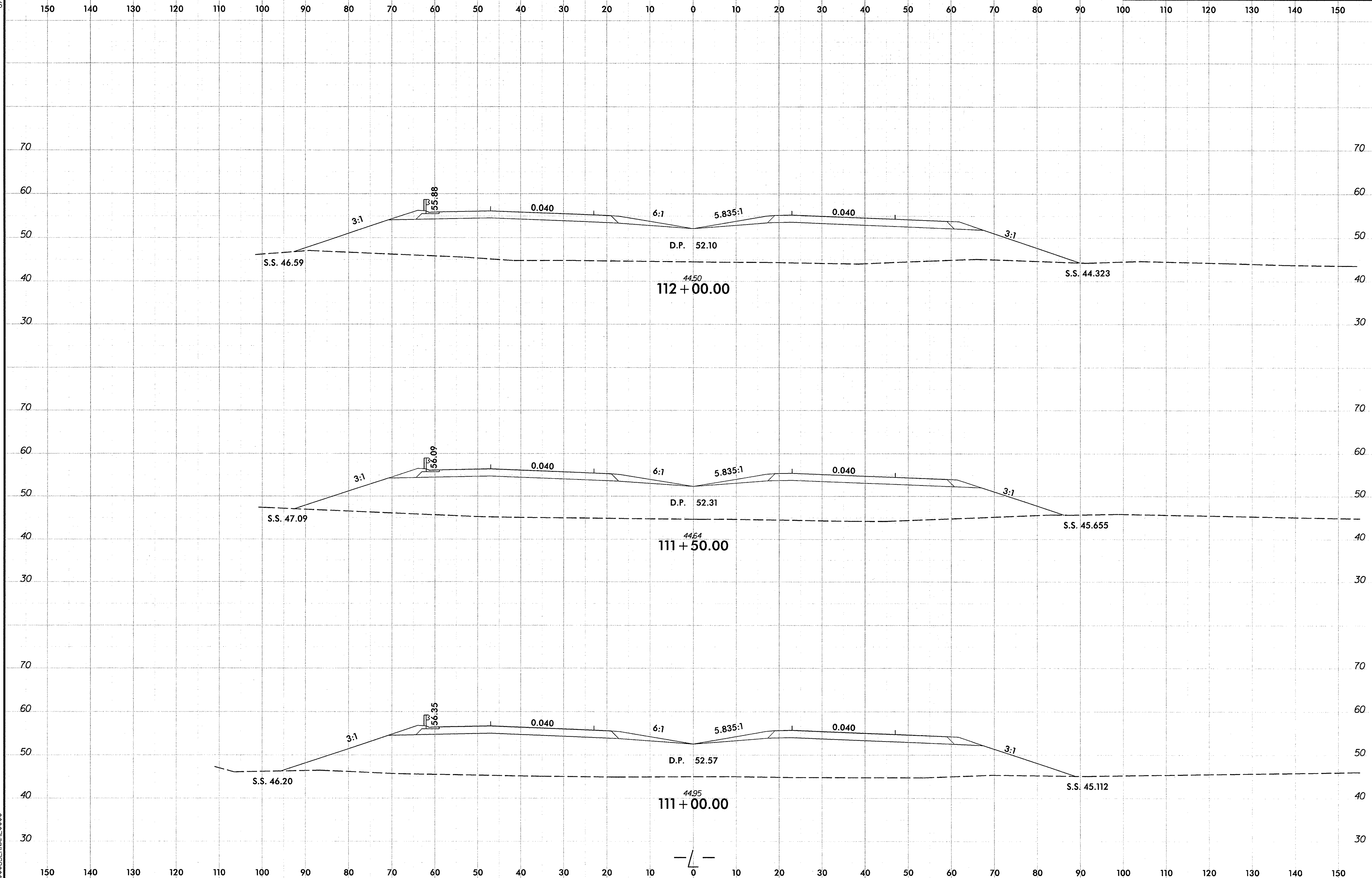
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

SYTIME
SCALE
DGN

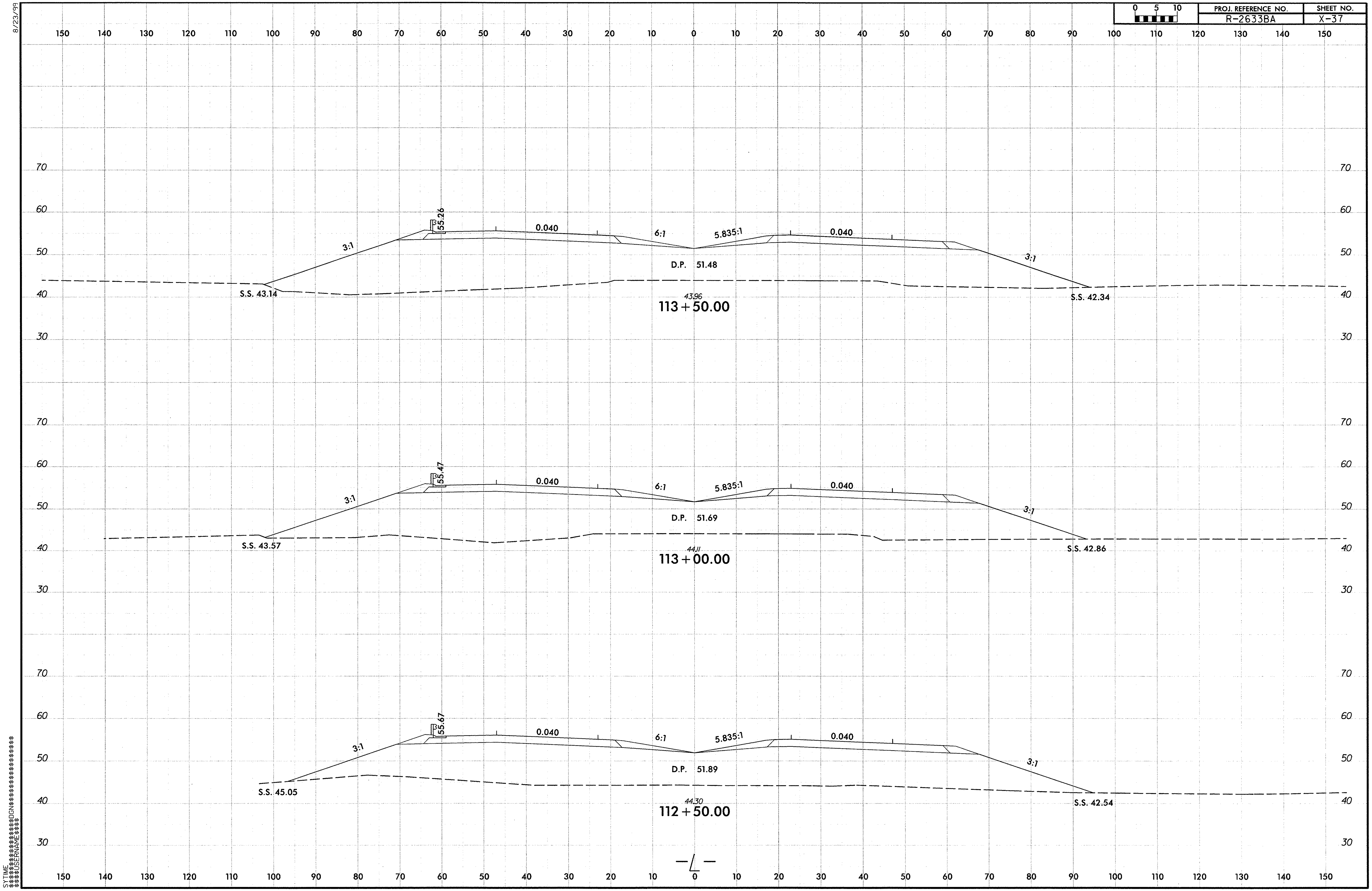
R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:13 PM

8/23/99

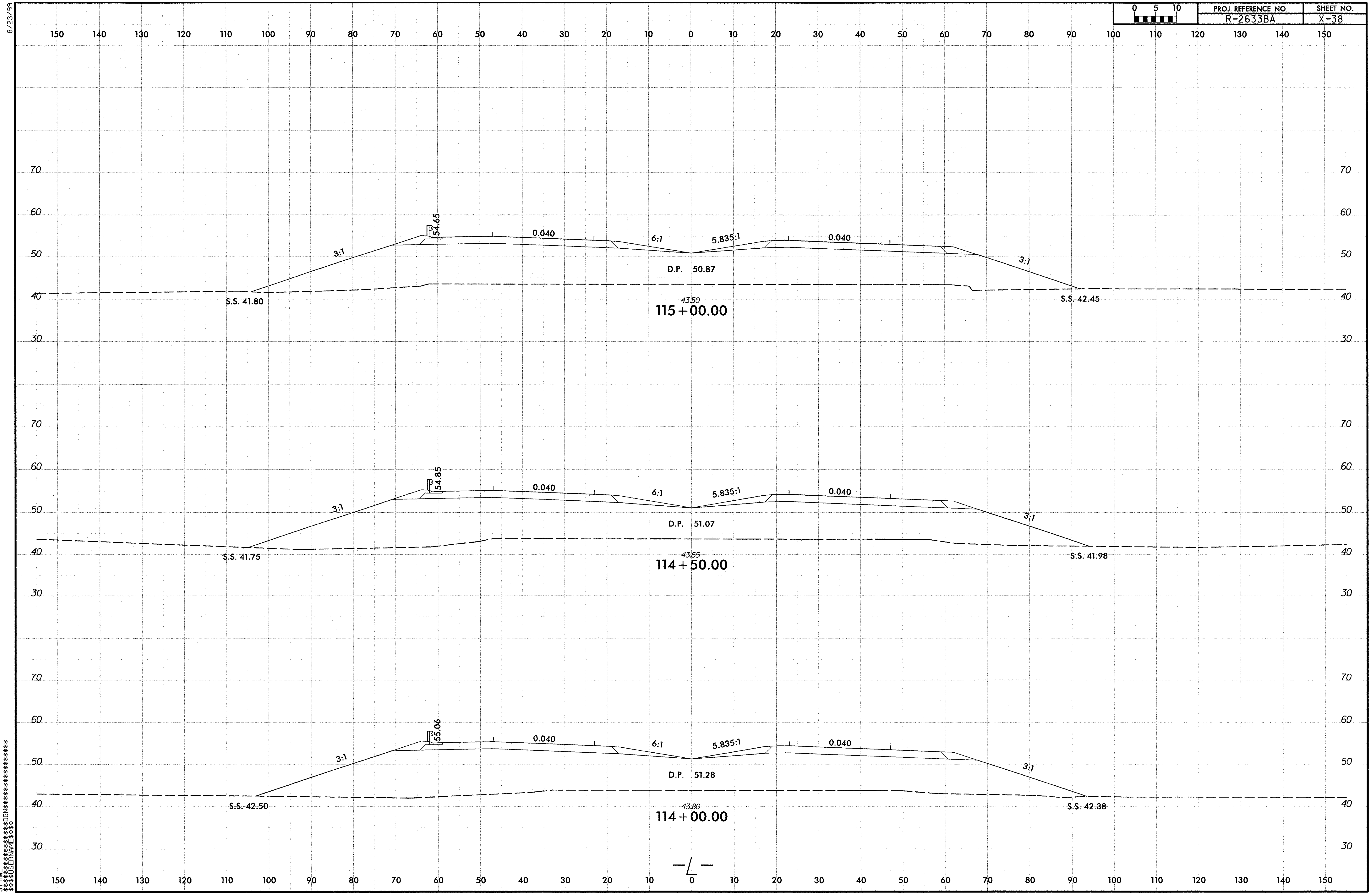
PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-36



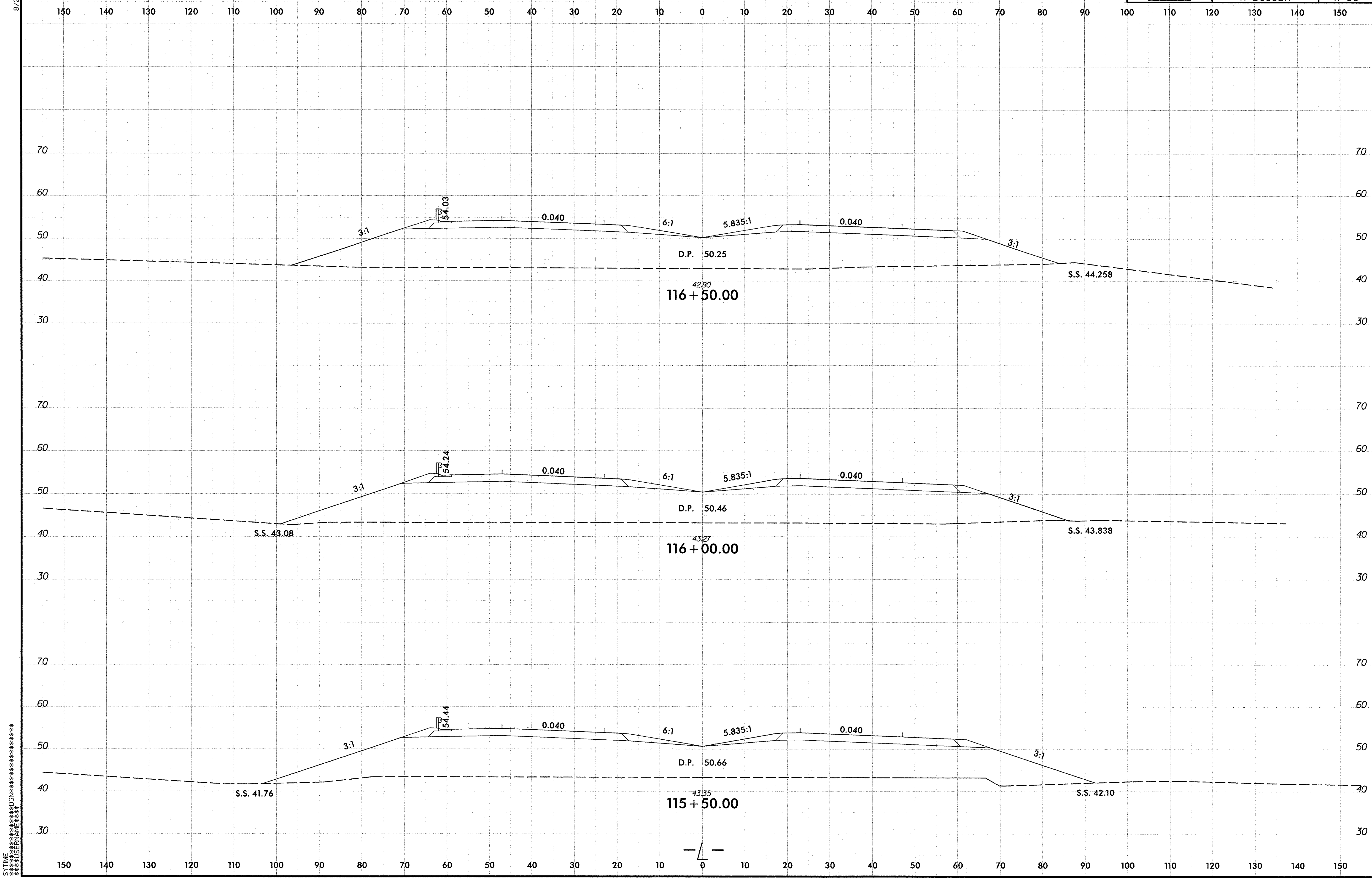
SYTIME $$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$ $$$$USERNAME$$$$


8/23/99
PROJ. REFERENCE NO.
R-2633BA
SHEET NO.
X-37
0 5 10
55.26
0.040
6:1
5.835:1
0.040
3:1
3:1
D.P. 51.48
S.S. 43.14
S.S. 42.34
43.96
113+50.00
55.47
0.040
6:1
5.835:1
0.040
3:1
3:1
D.P. 51.69
S.S. 43.57
S.S. 42.86
44.11
113+00.00
55.67
0.040
6:1
5.835:1
0.040
3:1
3:1
D.P. 51.89
S.S. 45.05
S.S. 42.54
44.30
112+50.00
-L-
SYTIME
$$$$SYSTIME$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

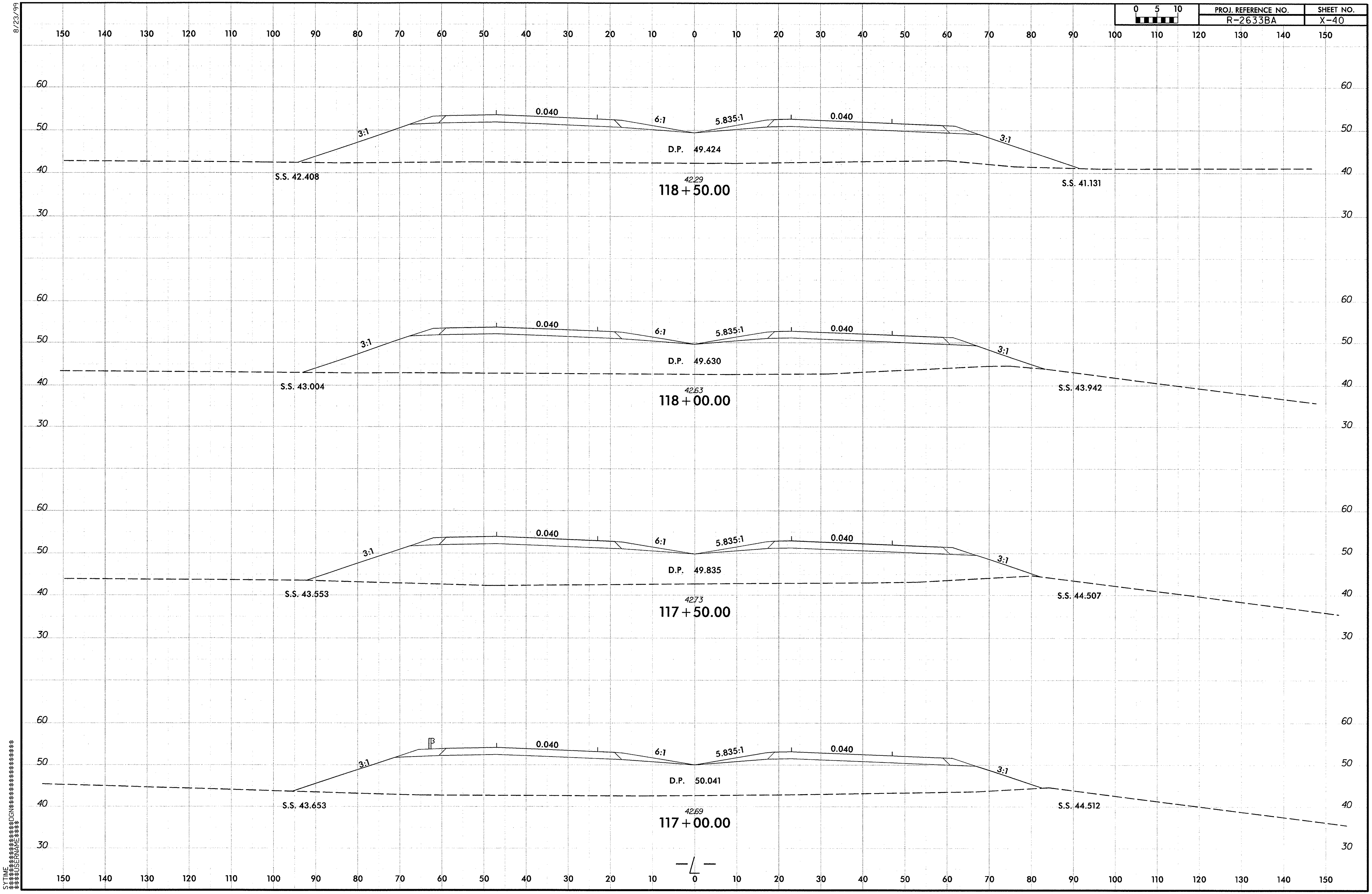
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-38



PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-39



PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-40



R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:16 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-41

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

60 50 40 30

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 48.603

S.S. 42.566

S.S. 40.947

41.68

120+50.00

60 50 40 30

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 48.808

S.S. 42.064

S.S. 40.947

41.96

120+00.00

60 50 40 30

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 49.014

S.S. 41.930

S.S. 40.787

42.19

119+50.00

60 50 40 30

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 49.219

S.S. 41.859

S.S. 40.632

42.59

119+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

SYTIME
DGN
USERNAME

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:17 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-42

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

60 50 40 30

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 47.781

S.S. 41.430 S.S. 41.531

41.41

122+50.00

60 50 40 30

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 47.986

S.S. 41.986 S.S. 41.477

41.53

122+00.00

60 50 40 30

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 48.192

S.S. 42.303 S.S. 41.762

41.62

121+50.00

60 50 40 30

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 48.397

S.S. 42.541 S.S. 41.286

41.60

121+00.00

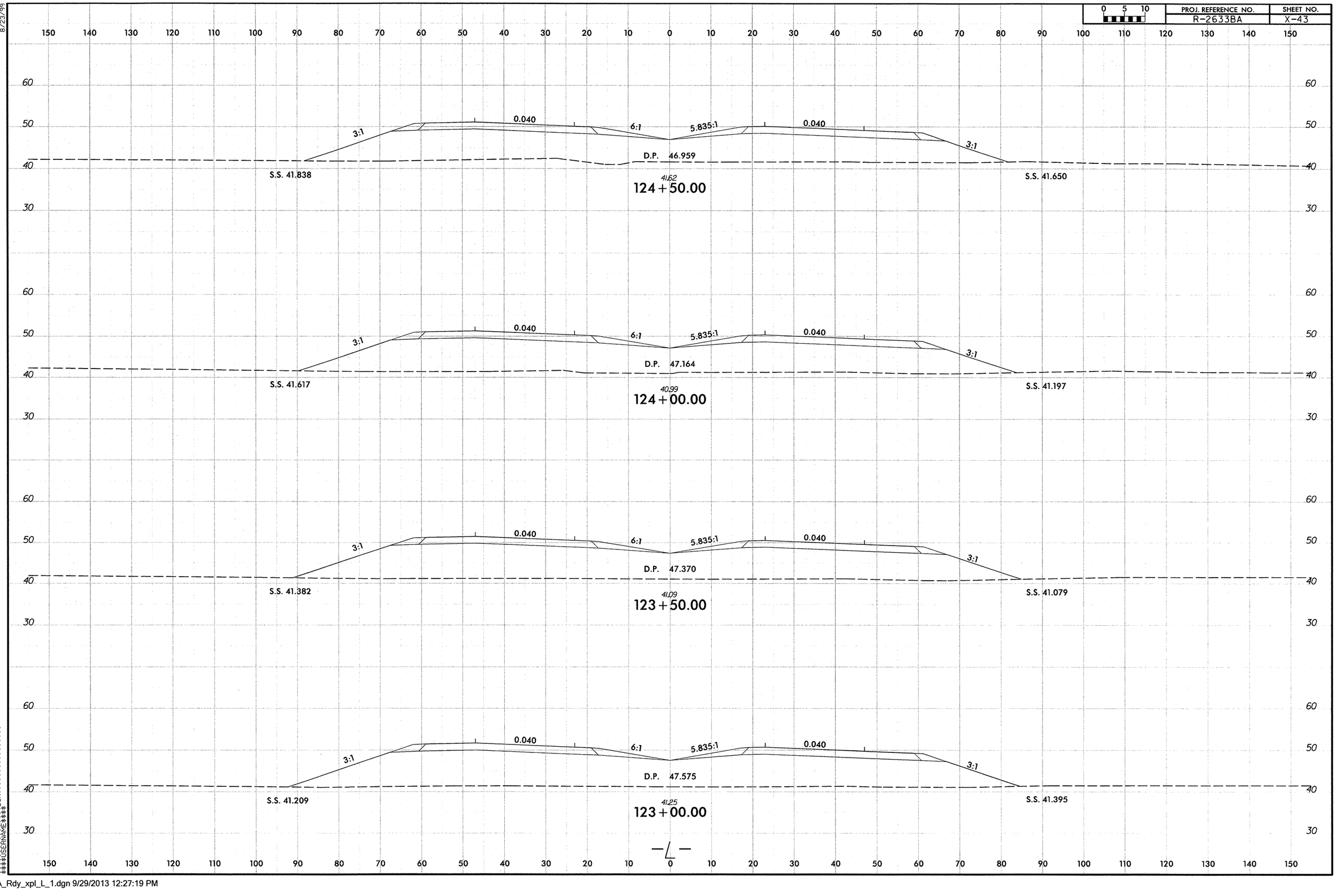
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

$TIME$DATEDGNUSERNAME$RFS

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:18 PM

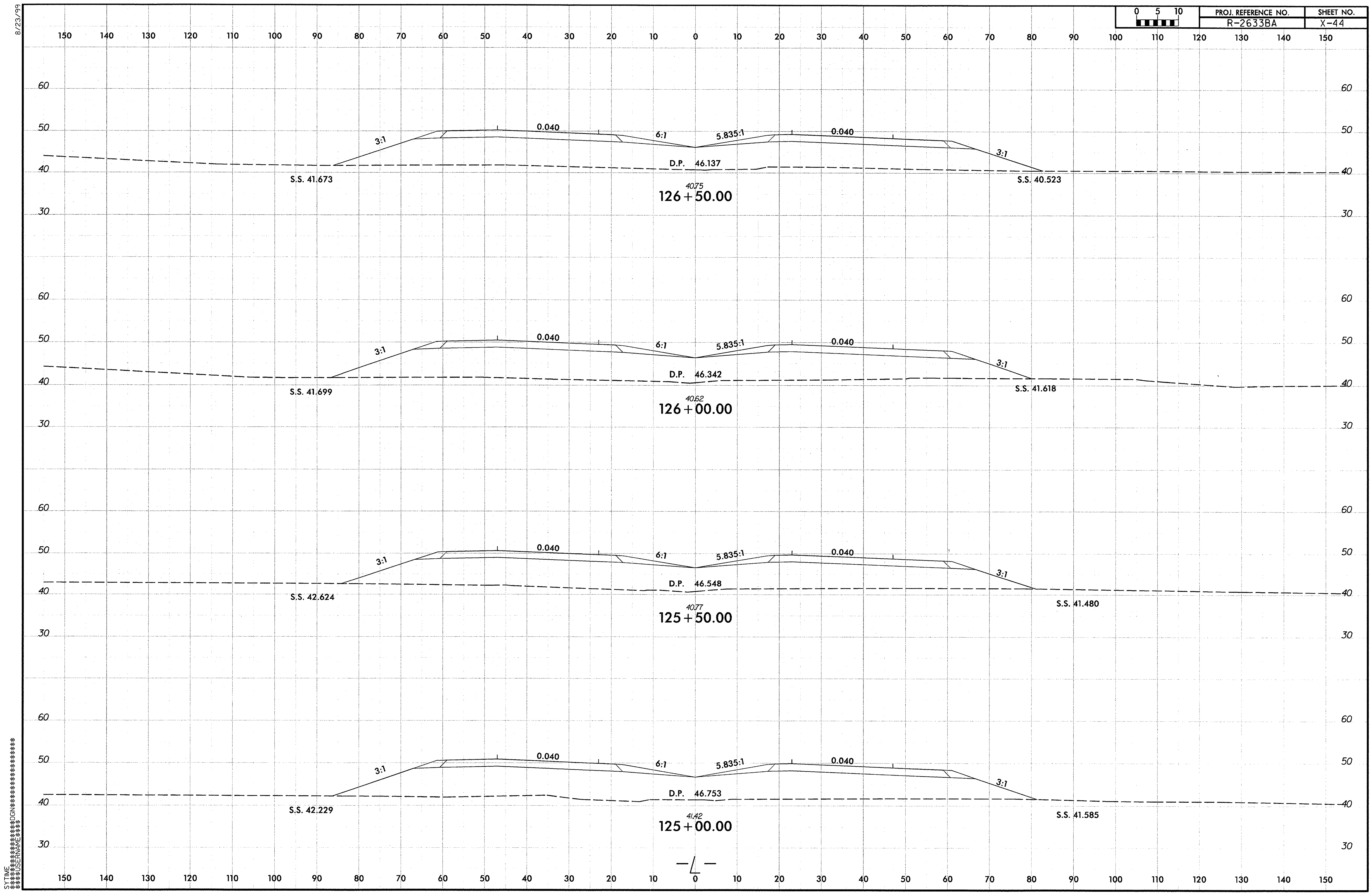
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-43



SYTIME
SYSCALE
SYDGN

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:19 PM



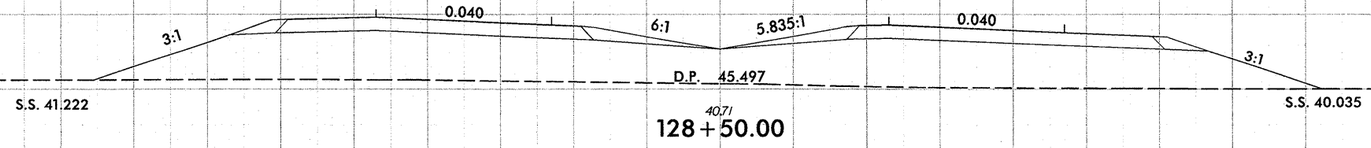
R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:20 PM

8/23/99

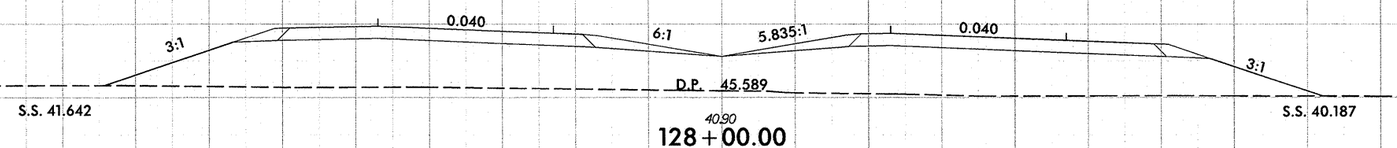
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-45

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

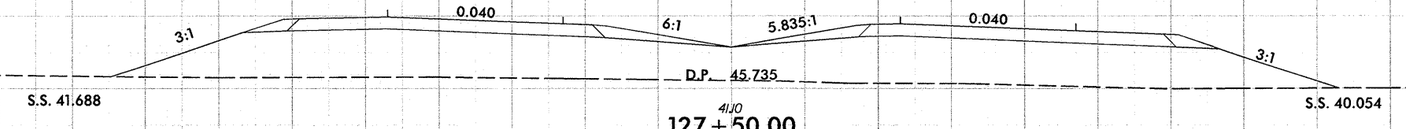
60 50 40 30



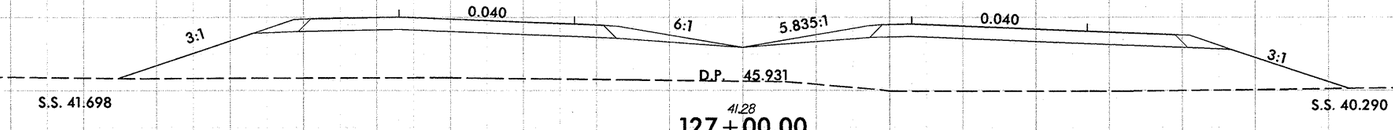
40.71
128+50.00



40.90
128+00.00



41.10
127+50.00

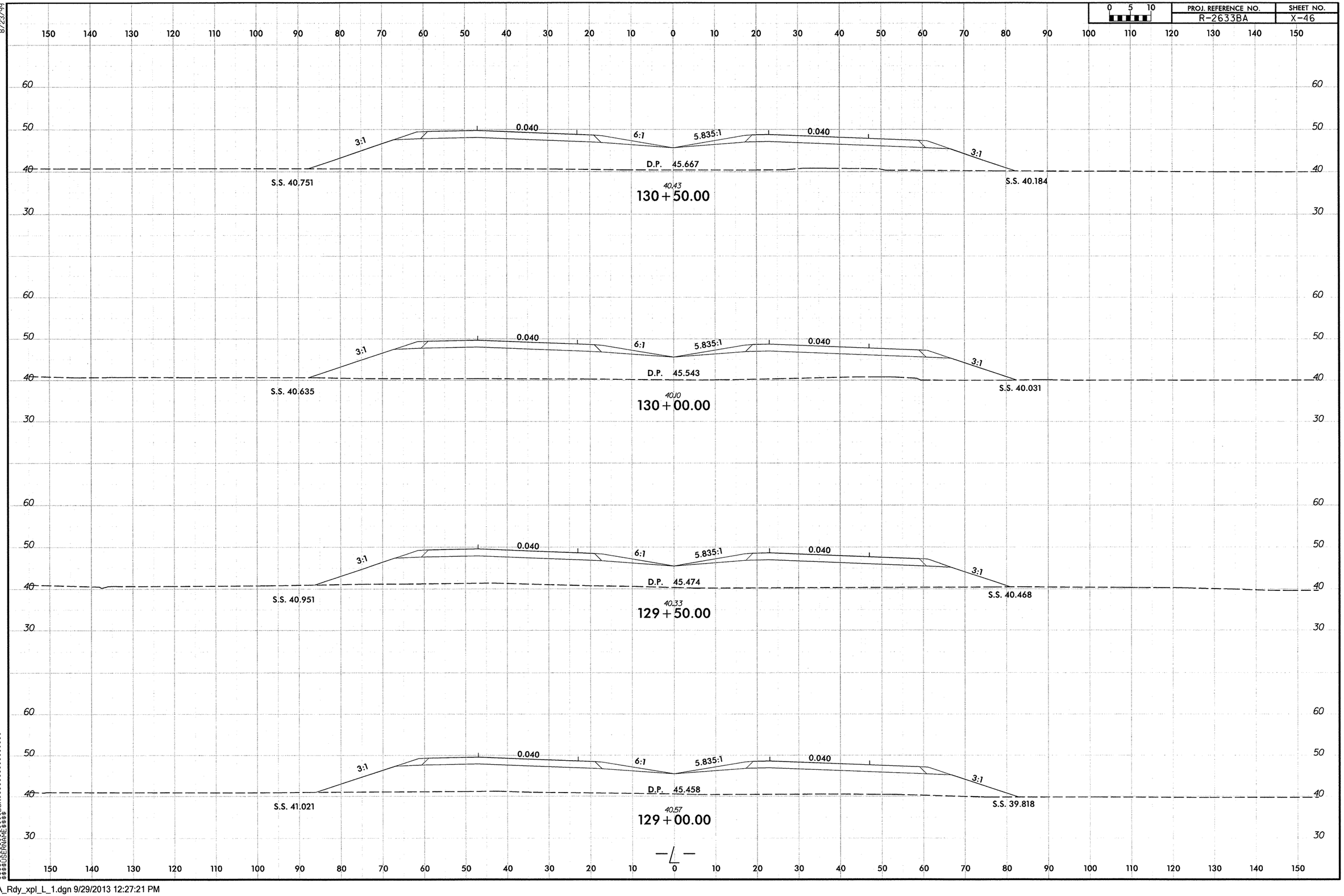


41.28
127+00.00

SYTIME
$$$$USERNAME$$$$
$$$$DGN$$$$

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:21 PM

PROJ. REFERENCE NO. R-2633BA
SHEET NO. X-46



R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:21 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-47

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

60 50 40 30

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 46.689

S.S. 40.740 S.S. 40.716

40.82

132+50.00

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 46.360

S.S. 40.713 S.S. 40.441

40.89

132+00.00

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 46.075

S.S. 40.684 S.S. 40.478

40.69

131+50.00

3:1 0.040 6:1 5.835:1 0.040 3:1

D.P. 45.844

S.S. 40.668 S.S. 40.376

40.72

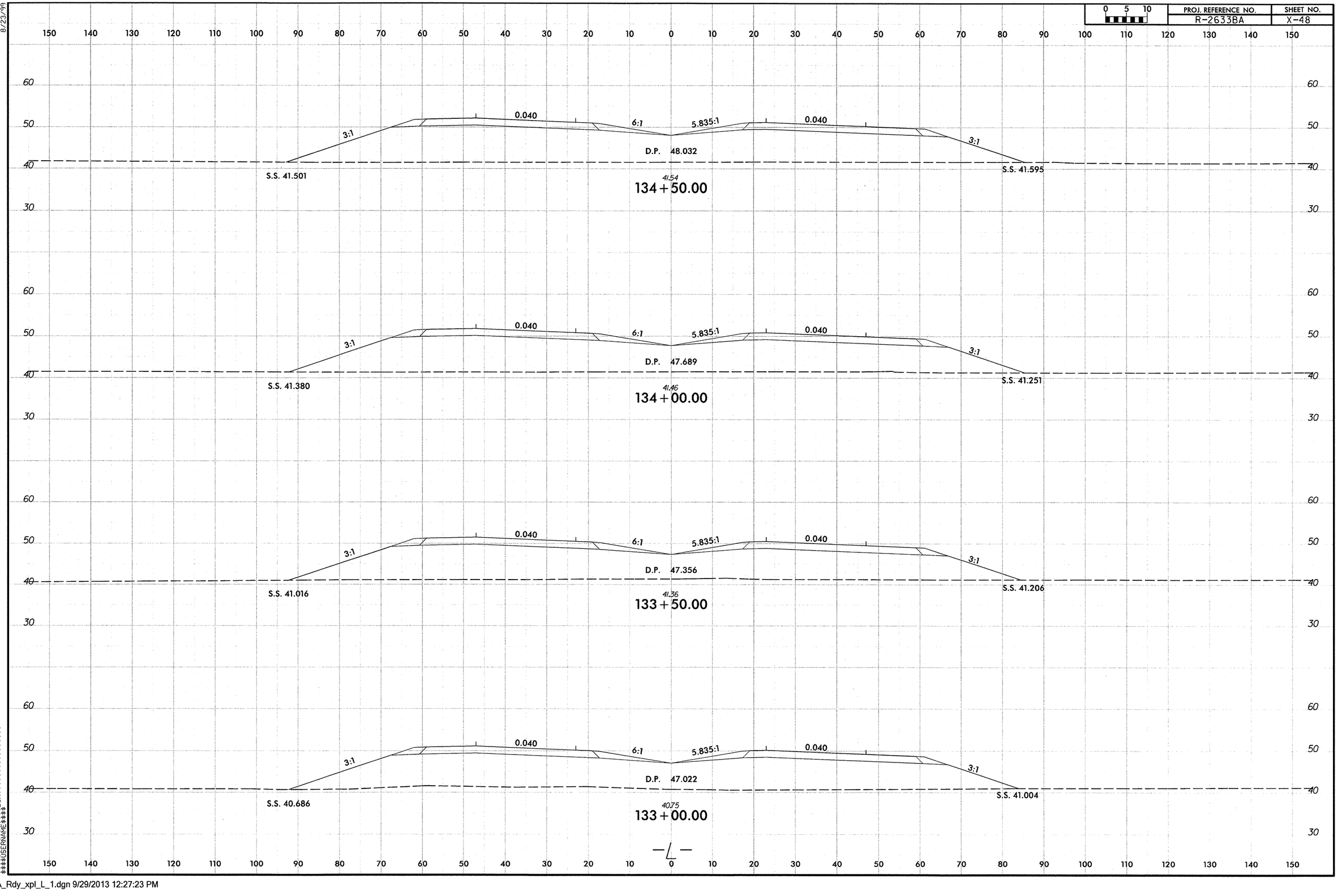
131+00.00

SYTIME
SEEDING
SEEDLEG

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:22 PM

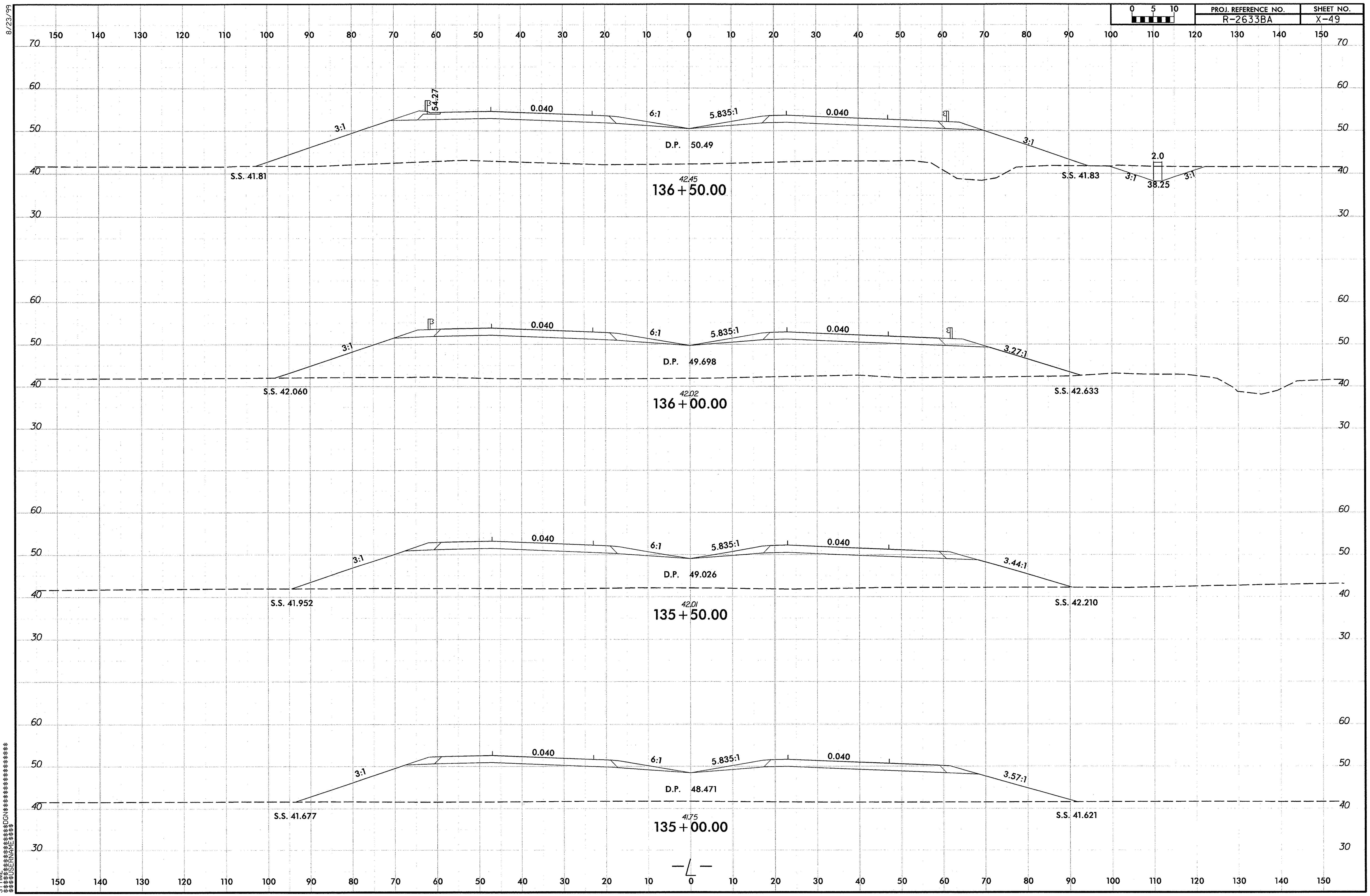
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-48



SYTIME
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:23 PM



R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:24 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-50

150 140 130 120 110 100 90 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 60 50 40 30

57.33 0.040 6:1 5.835:1 0.040 55.17

3:1 3:1

D.P. 53.55

S.S. 41.98 S.S. 42.43

42.62

138+00.00

70 60 50 40 30

56.19 0.040 6:1 5.835:1 0.040 54.03

3:1 3:1

D.P. 52.41

S.S. 42.96 S.S. 42.33 3:1 2.0 3:1 38.55

42.55

137+50.00

70 60 50 40 30

55.17 0.040 6:1 5.835:1 0.040 53.01

3:1 3:1

D.P. 51.39

S.S. 42.23 S.S. 42.34 3:1 2.0 3:1 38.40

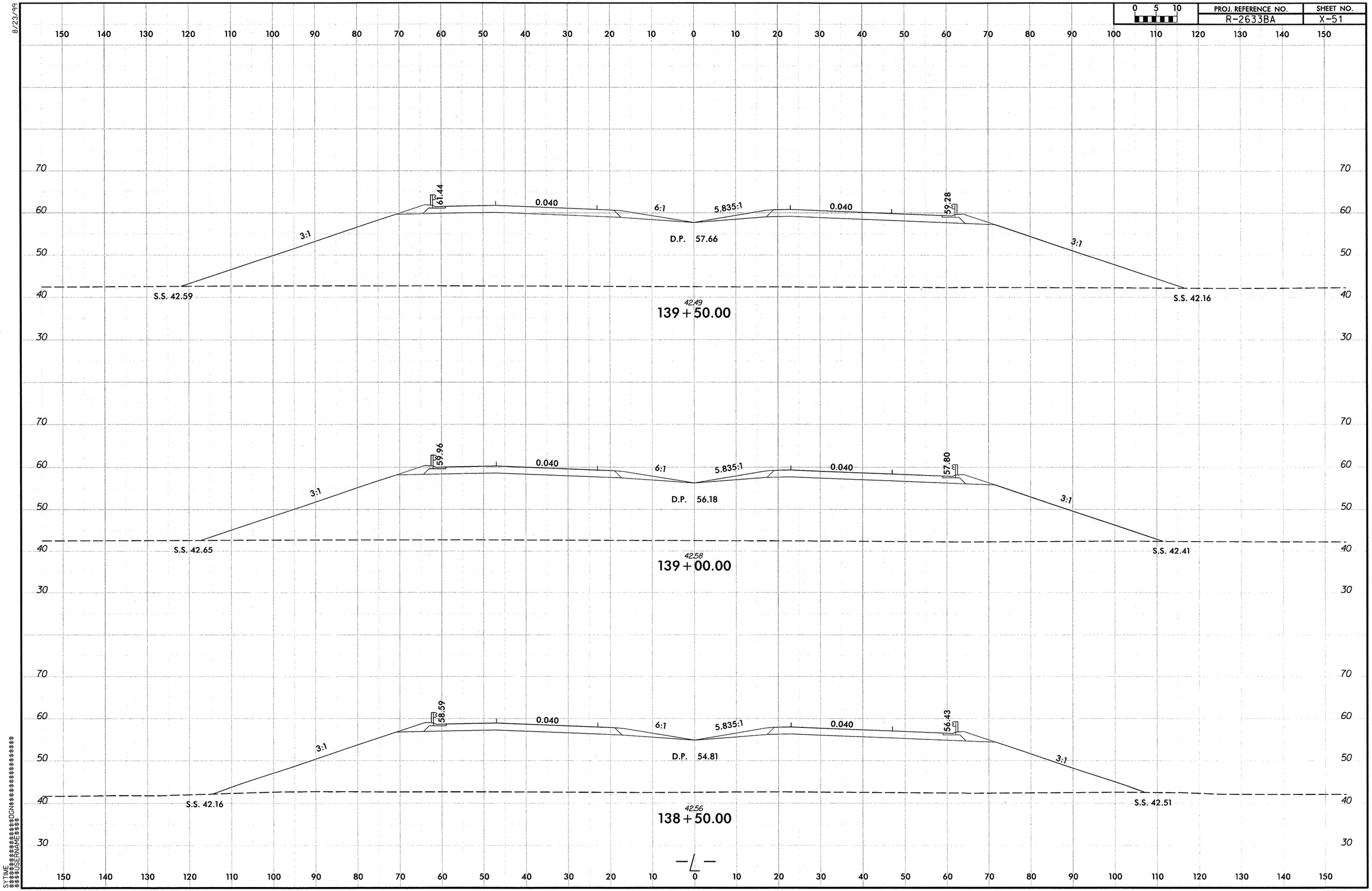
38.98

137+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

SYTIME
SYDGN
SYSERIES
SYLEVEL

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:24 PM



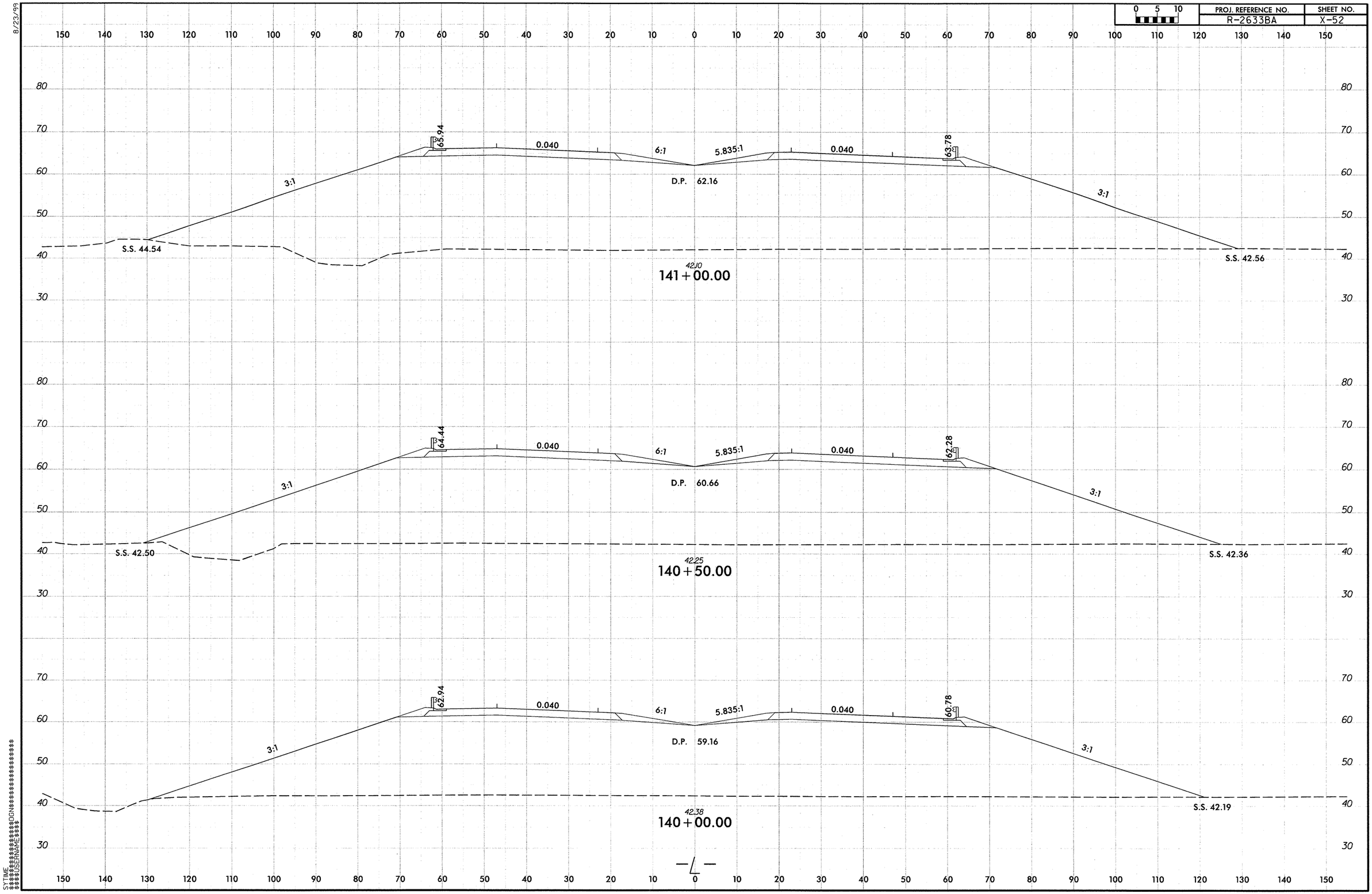
8/23/99

SYTIME
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:25 PM

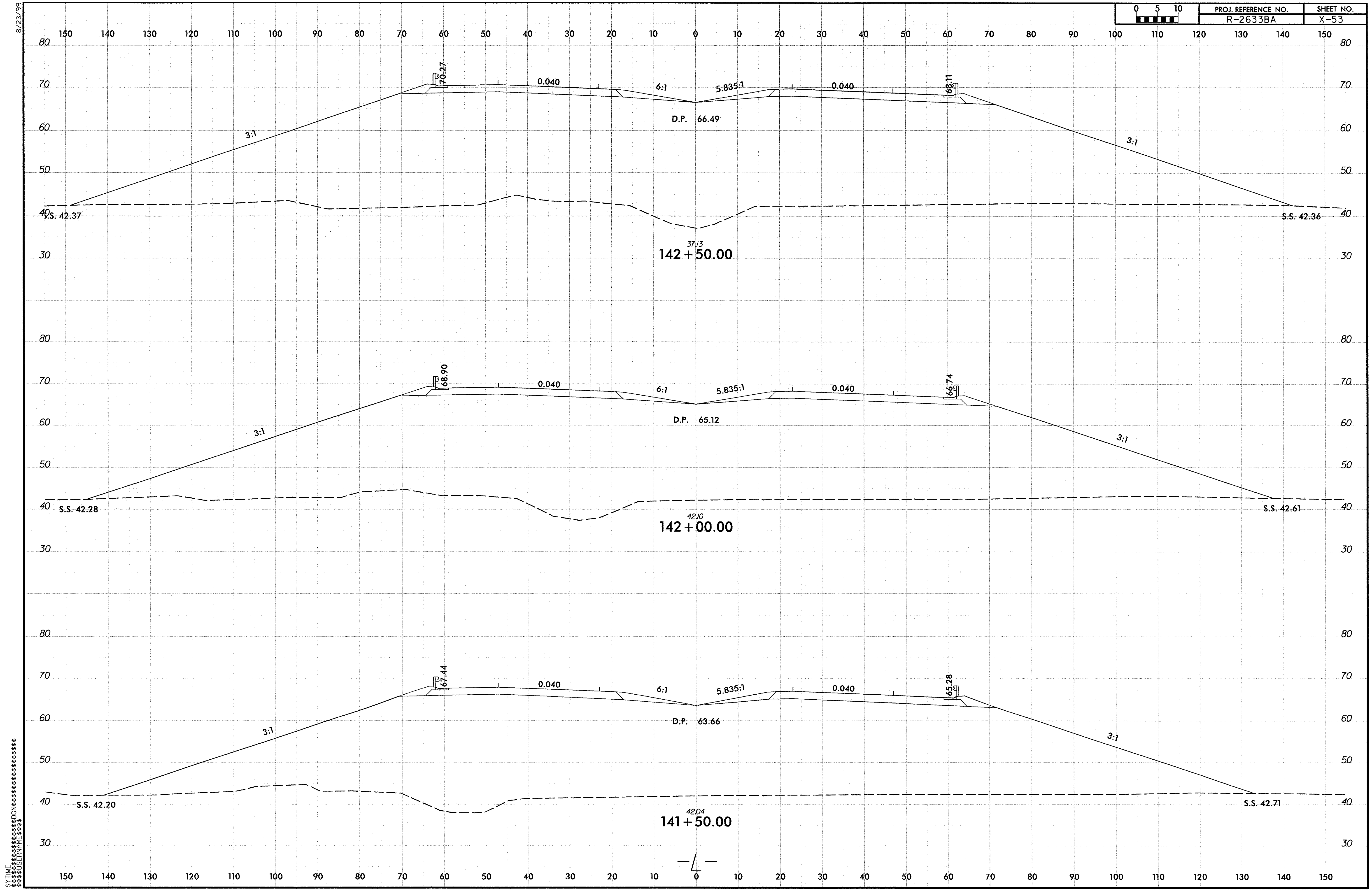
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-52



SYTIME
$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$

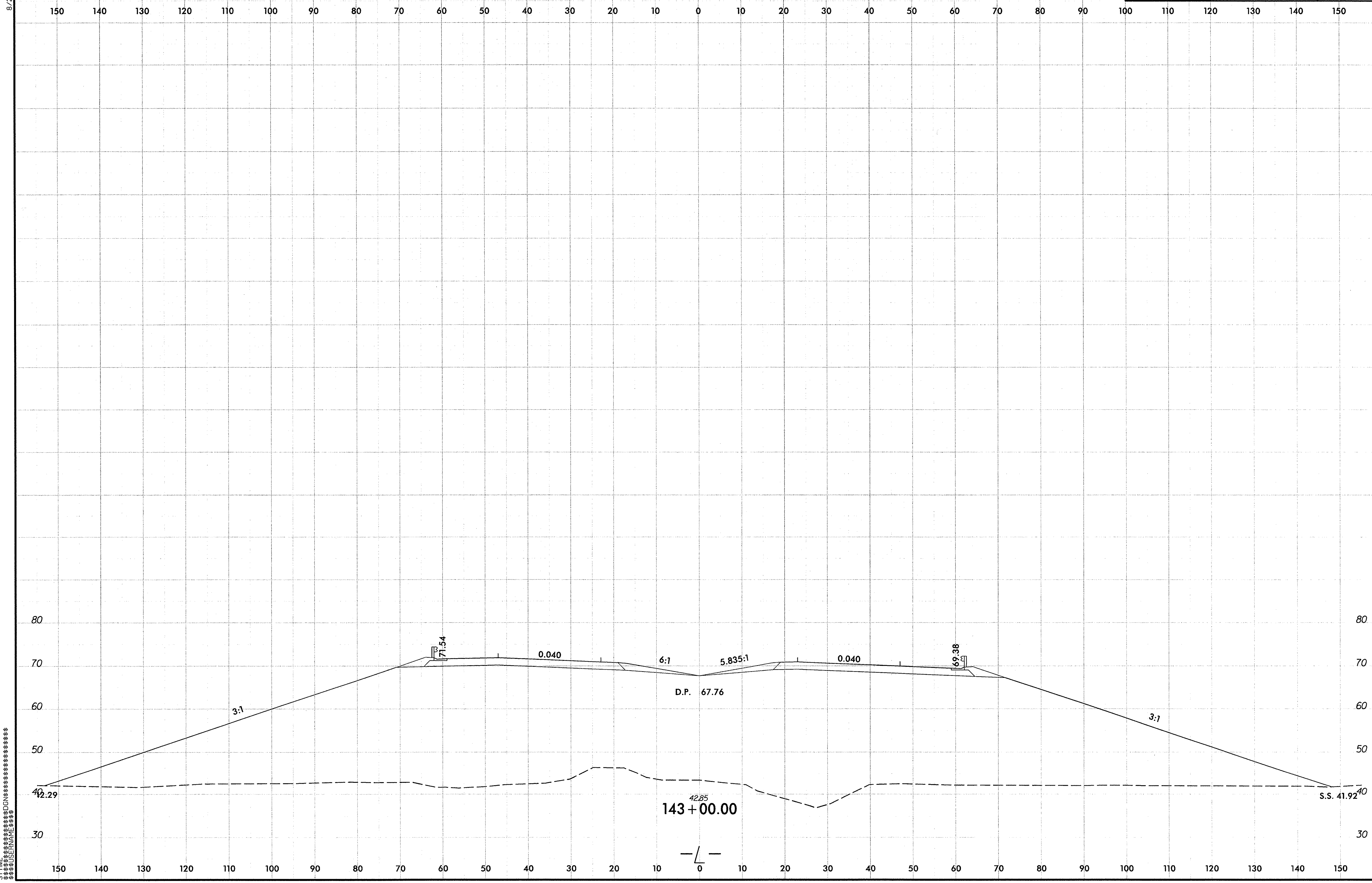
R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:26 PM



R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:27 PM

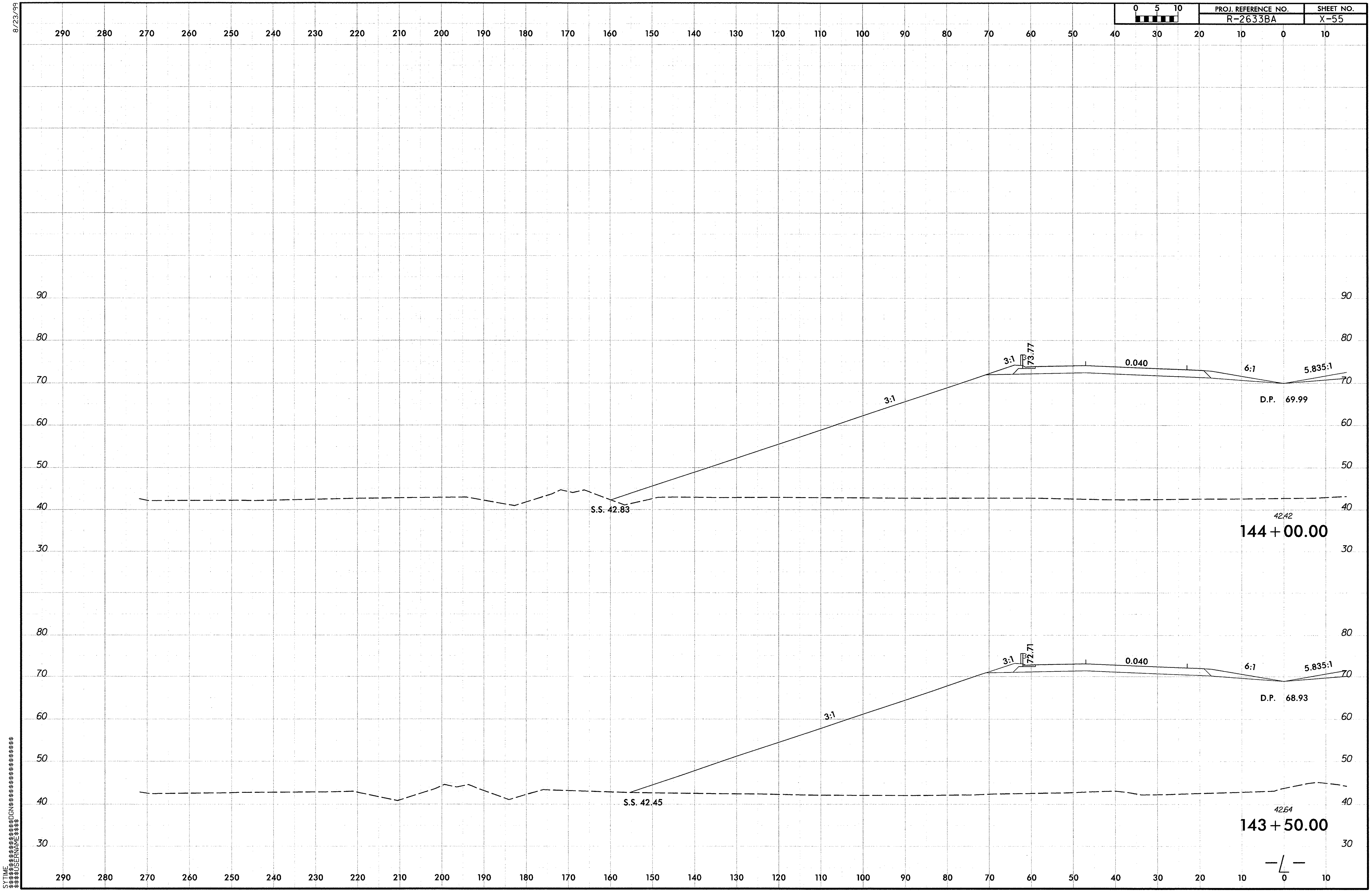
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-54



$$$$SYTIME$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$USERNAME$$$$

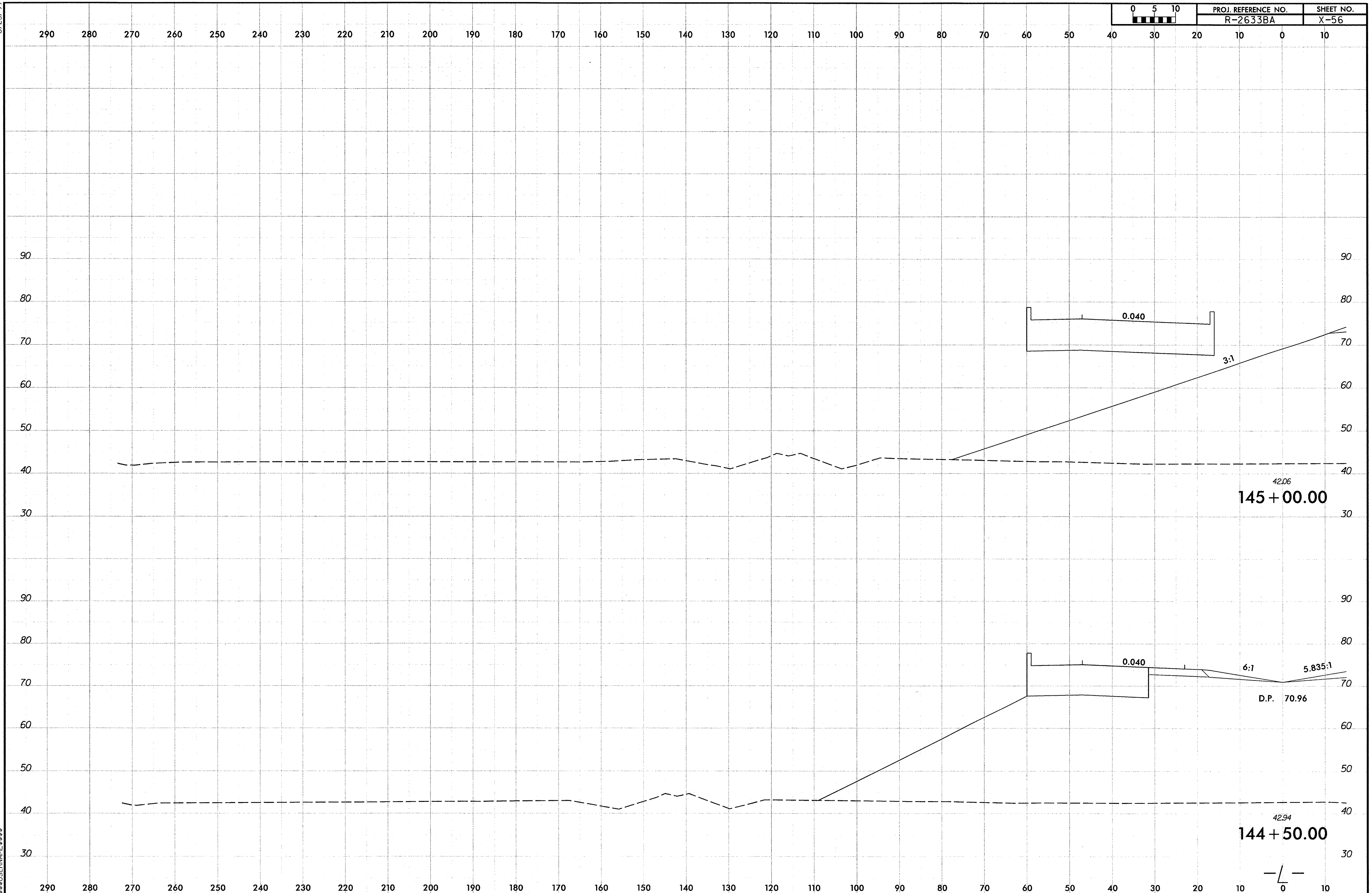
R-2633BA_Rdy_xpl_L_1.dgn 9/29/2013 12:27:27 PM



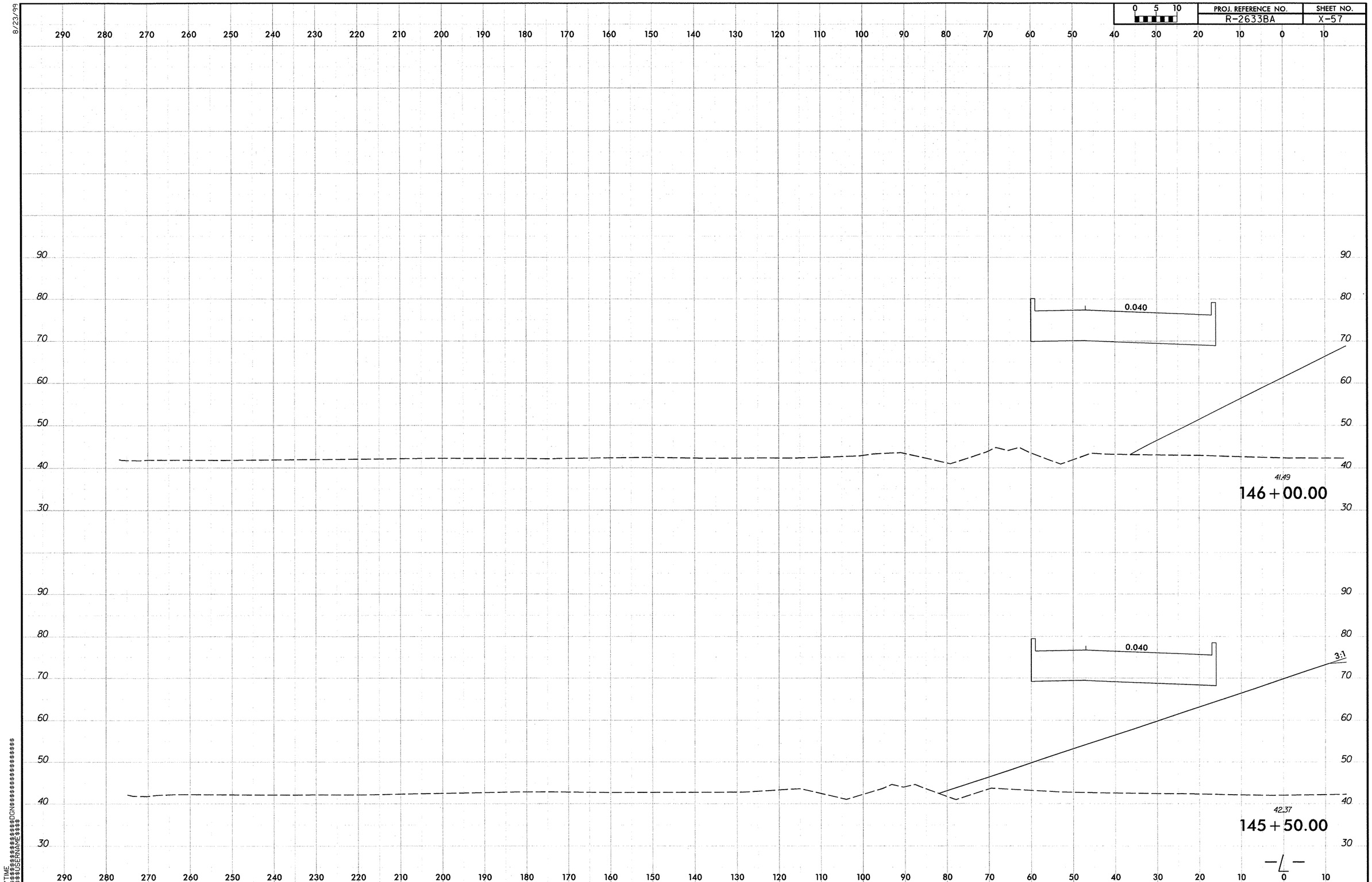
R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:28 PM

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-56



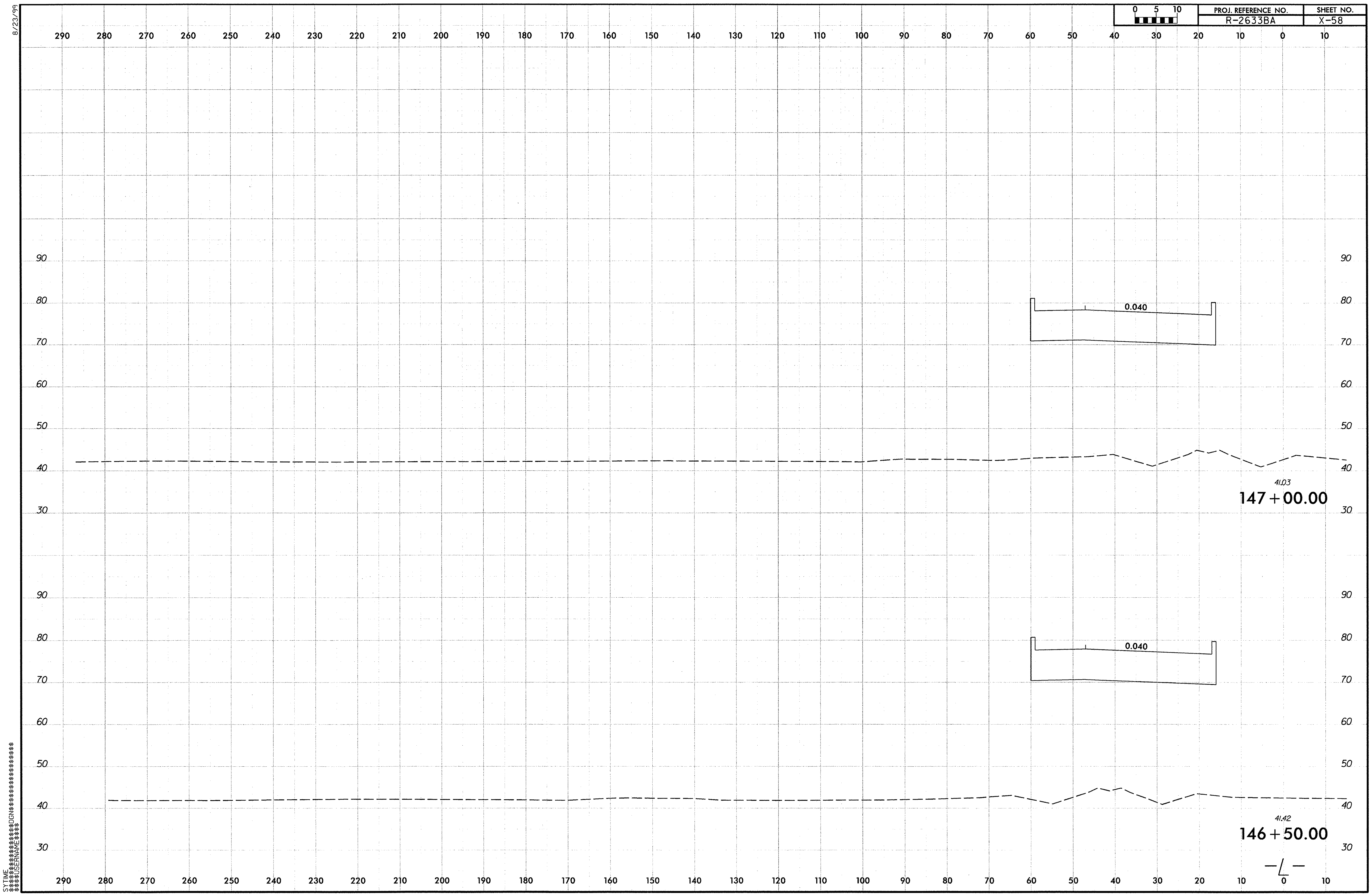
$$$$SYTIME$$$$ $$$$$$$$$$$$$$$$$$$$DGN$$ $$$$$$$$USERNAME$$$$$$$$



8/23/99

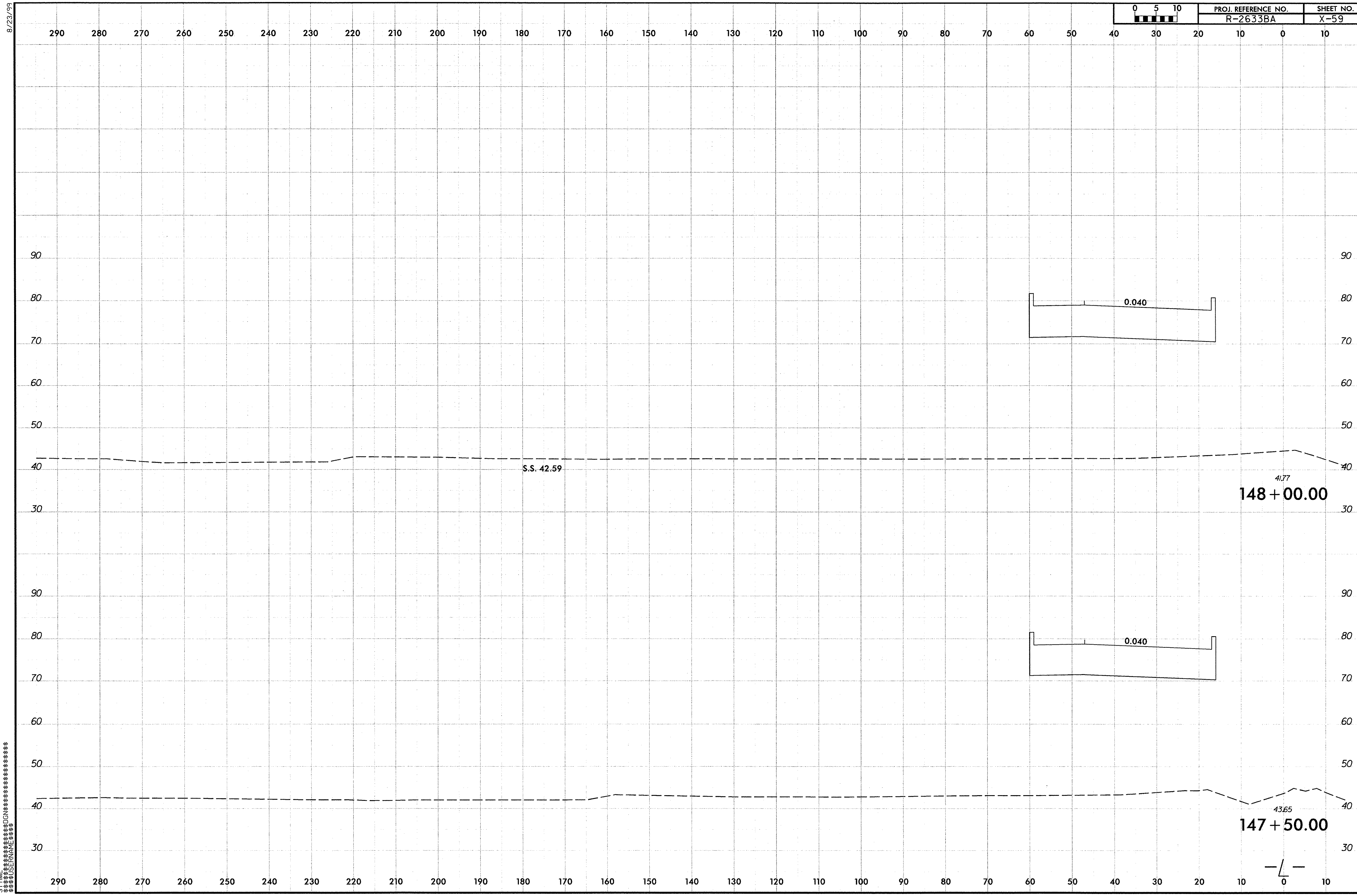
R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:30 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-58

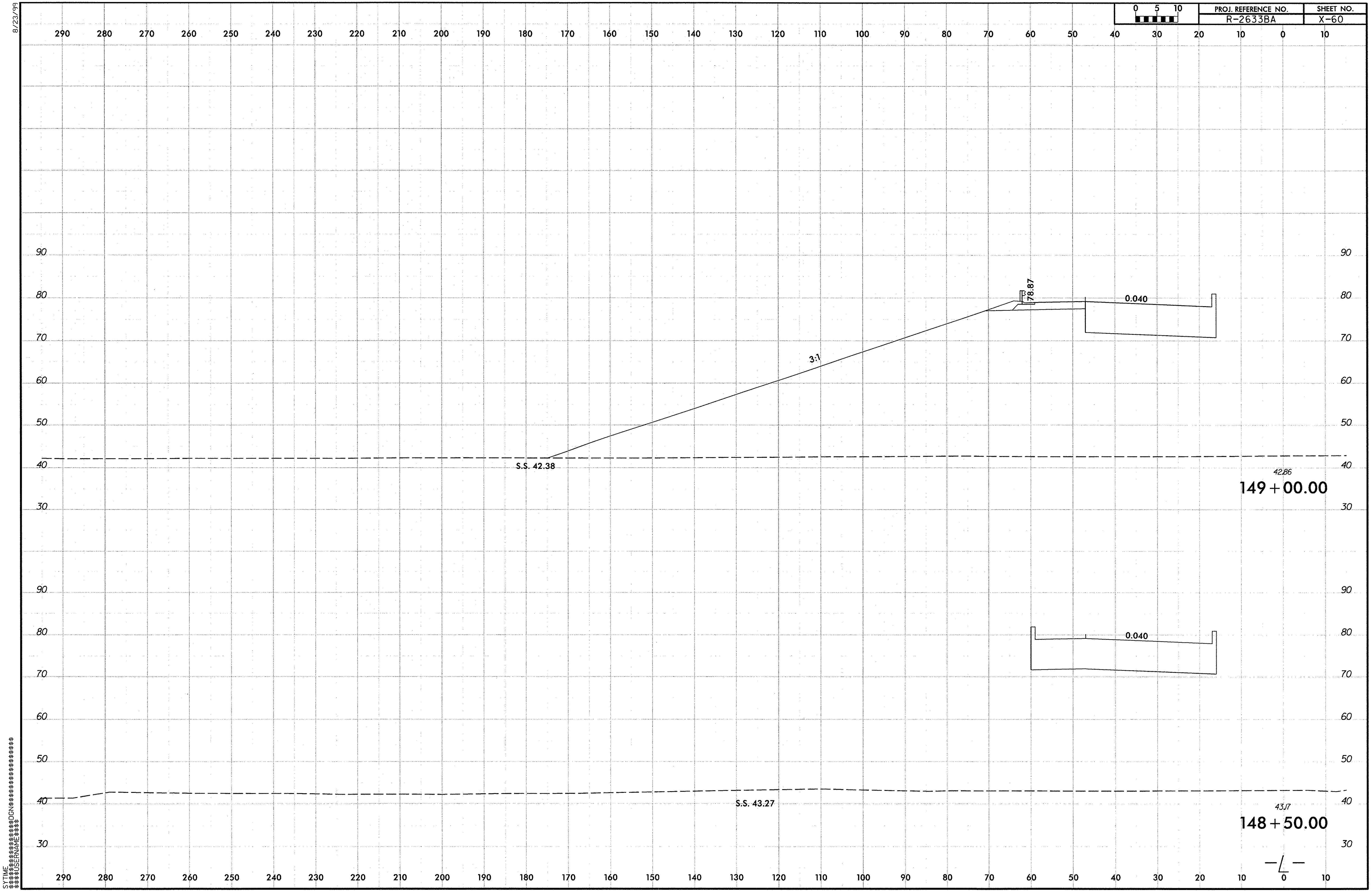


R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:30 PM

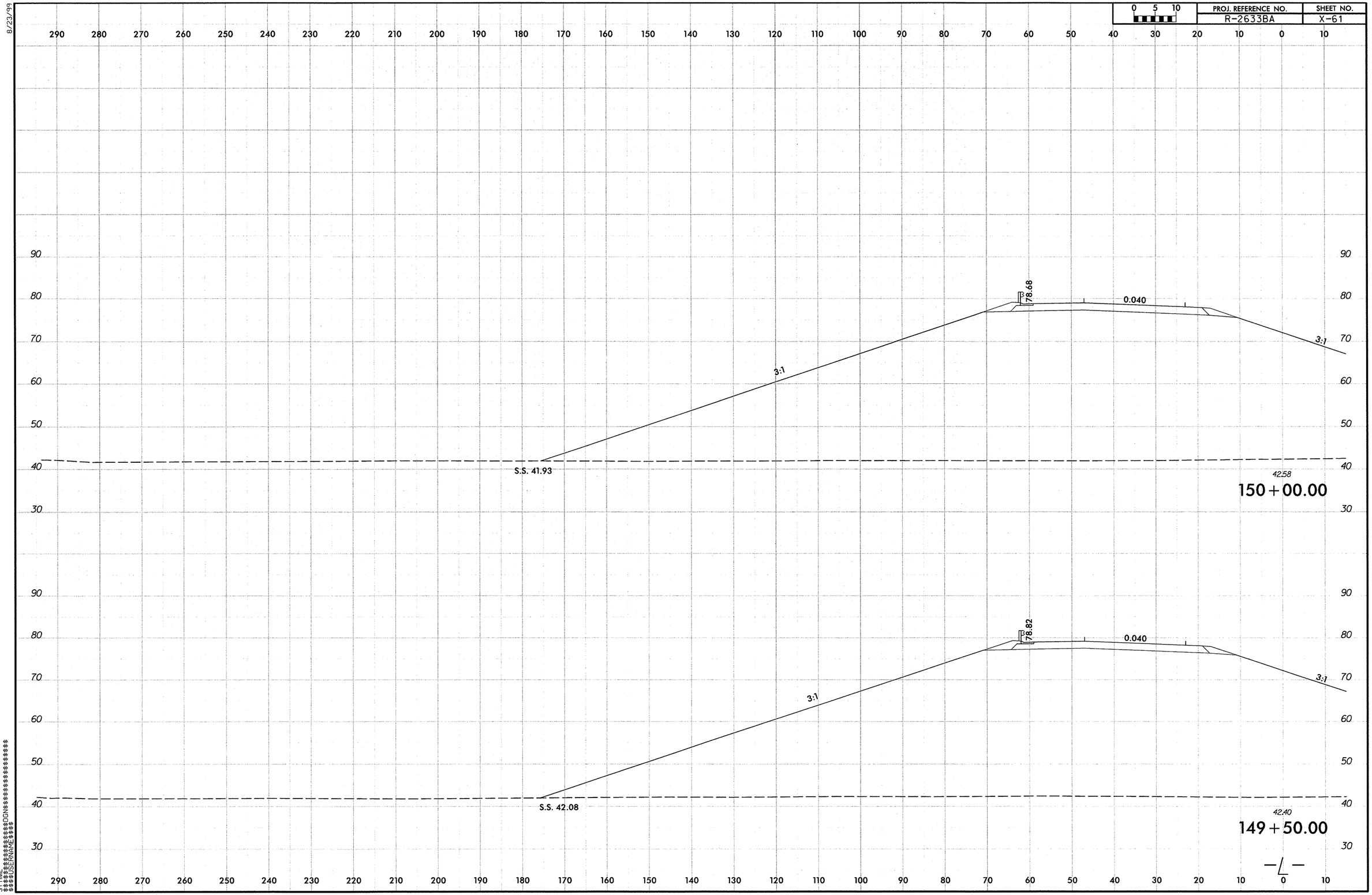
PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-59



R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:31 PM



R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:32 PM



8/23/99

SYTIME
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:32 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-62

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

90 80 70 60 50 40 30

78.08

0.040

6:1

5.835:1

D.P. 74.30

3:1

S.S. 41.89

43.00

151 + 00.00

78.43

0.040

3:1

S.S. 42.06

42.93

150 + 50.00

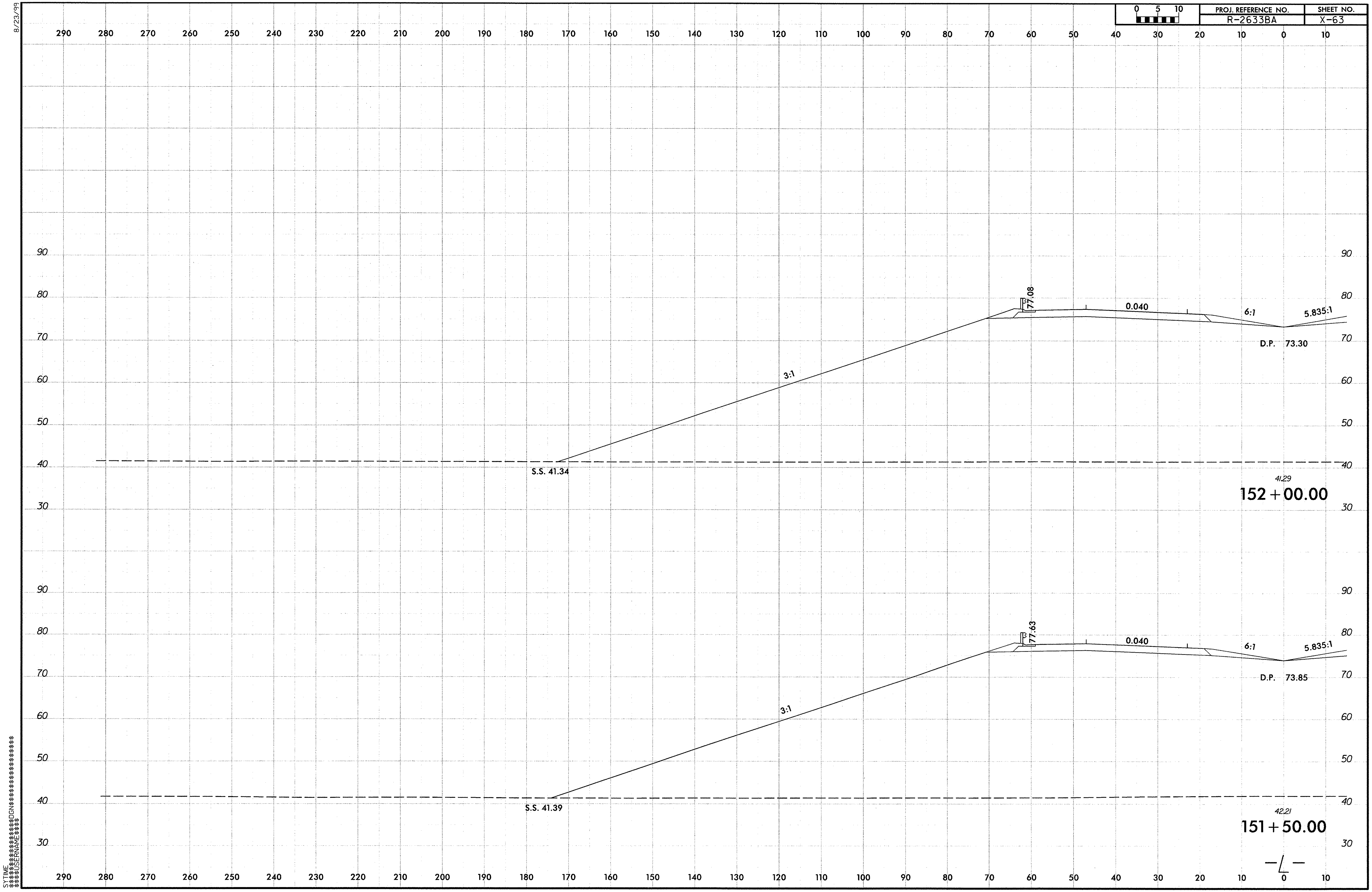
—L—

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

SYTIME
$$$$USERNAME
$$$$DGN

R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:33 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-63



8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-64

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

90 80 70 60 50 40 30

75.68

0.040

6:1

5.835:1

D.P. 71.90

3:1

S.S. 41.44

40.60

153+00.00

90 80 70 60 50 40 30

76.43

0.040

6:1

5.835:1

D.P. 72.65

3:1

S.S. 41.29

40.81

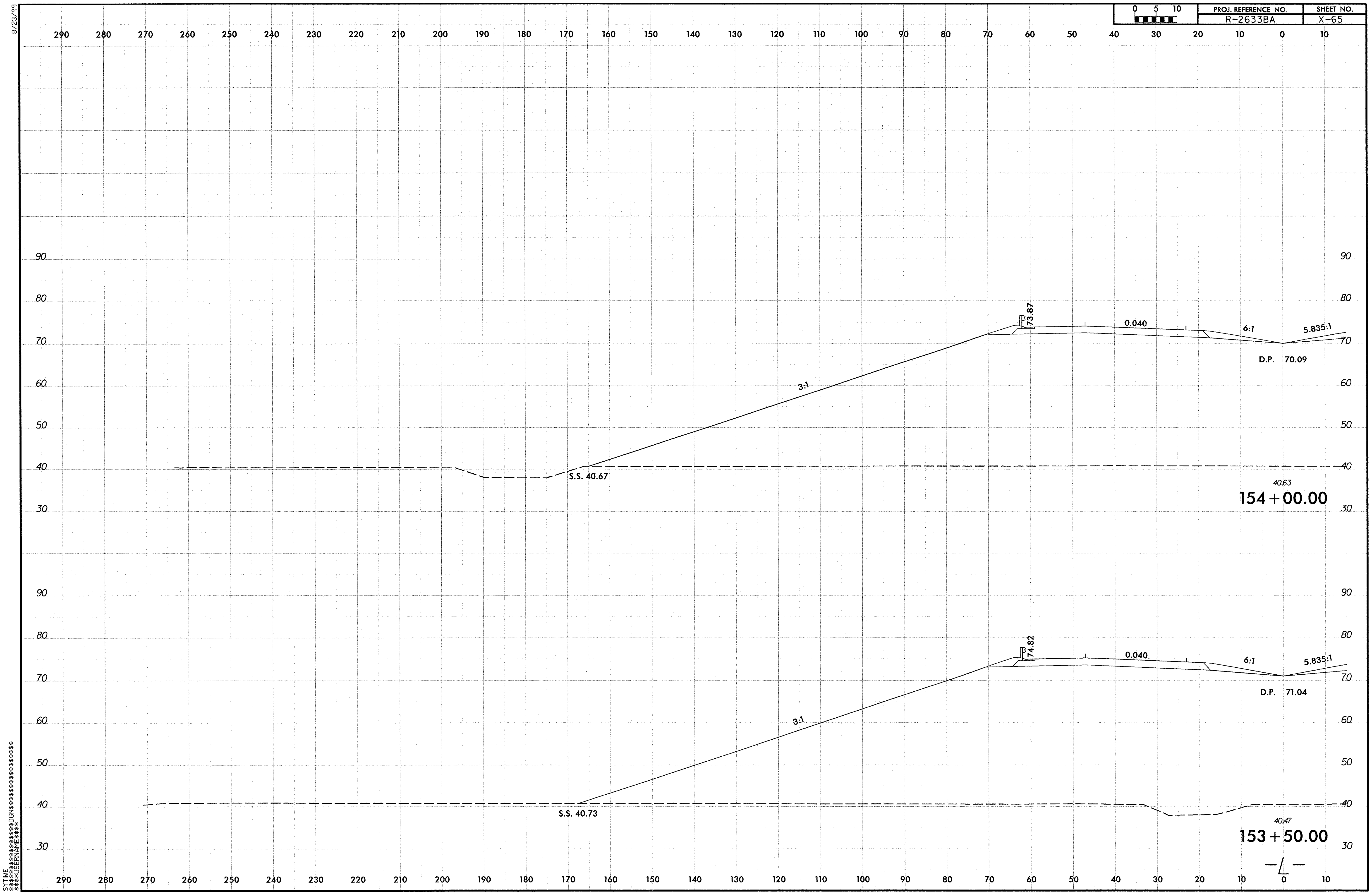
152+50.00

—L—

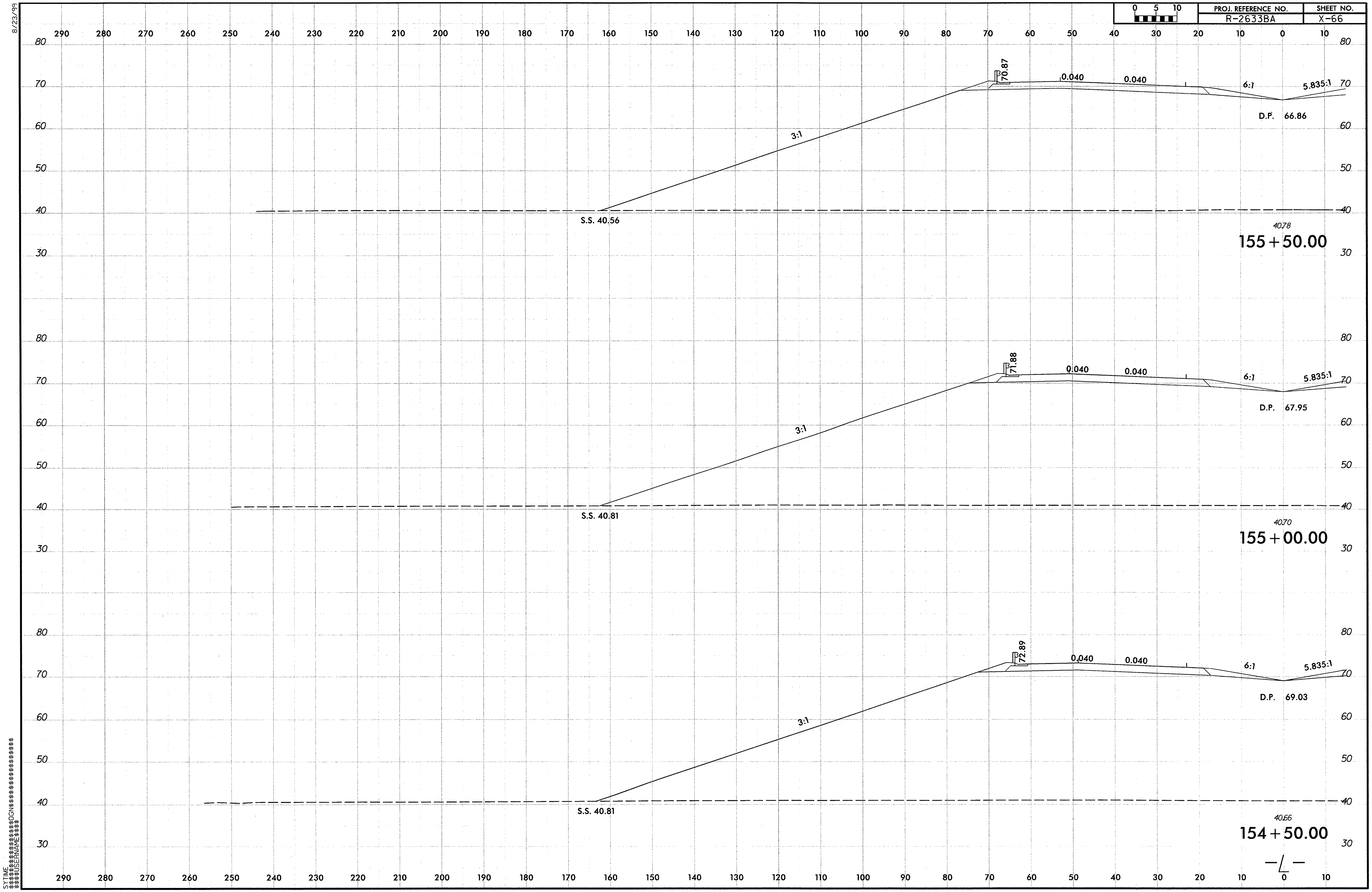
290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

$$$$SYTIME
$$$$USERNAME$$$$DGN$$$$$$$$$$$$$$$$$$$$

R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:34 PM



R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:35 PM



R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:35 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-67

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

80 70 60 50 40 30

67.85 3 0.040 0.040 6:1 5.835:1

3:1

D.P. 63.60

S.S. 40.21

40.07

157+00.00

80 70 60 50 40 30

68.86 3 0.040 0.040 6:1 5.835:1

3:1

D.P. 64.69

S.S. 39.87

40.34

156+50.00

80 70 60 50 40 30

69.87 3 0.040 0.040 6:1 5.835:1

3:1

D.P. 65.77

S.S. 40.39

40.62

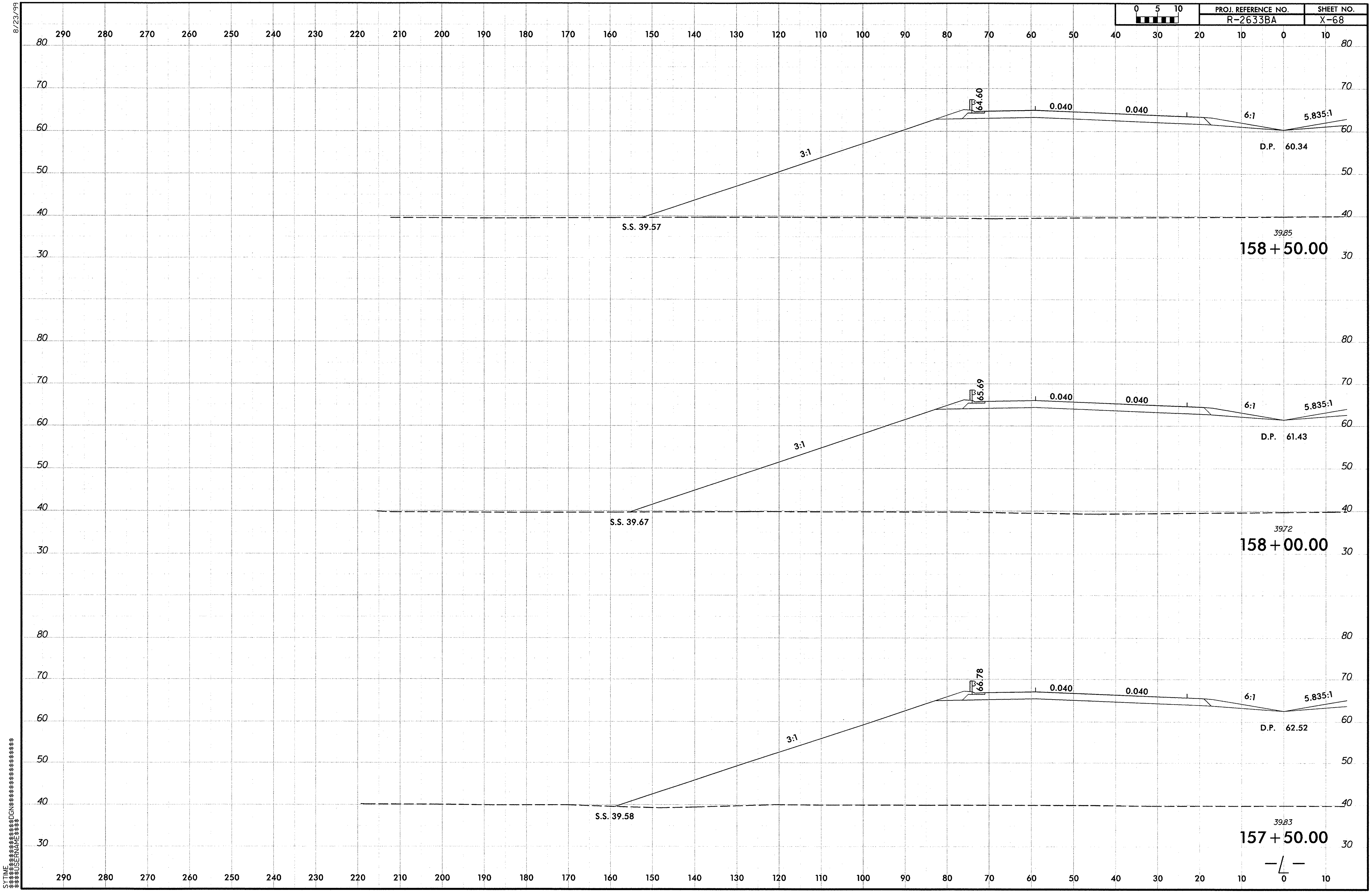
156+00.00

—L—

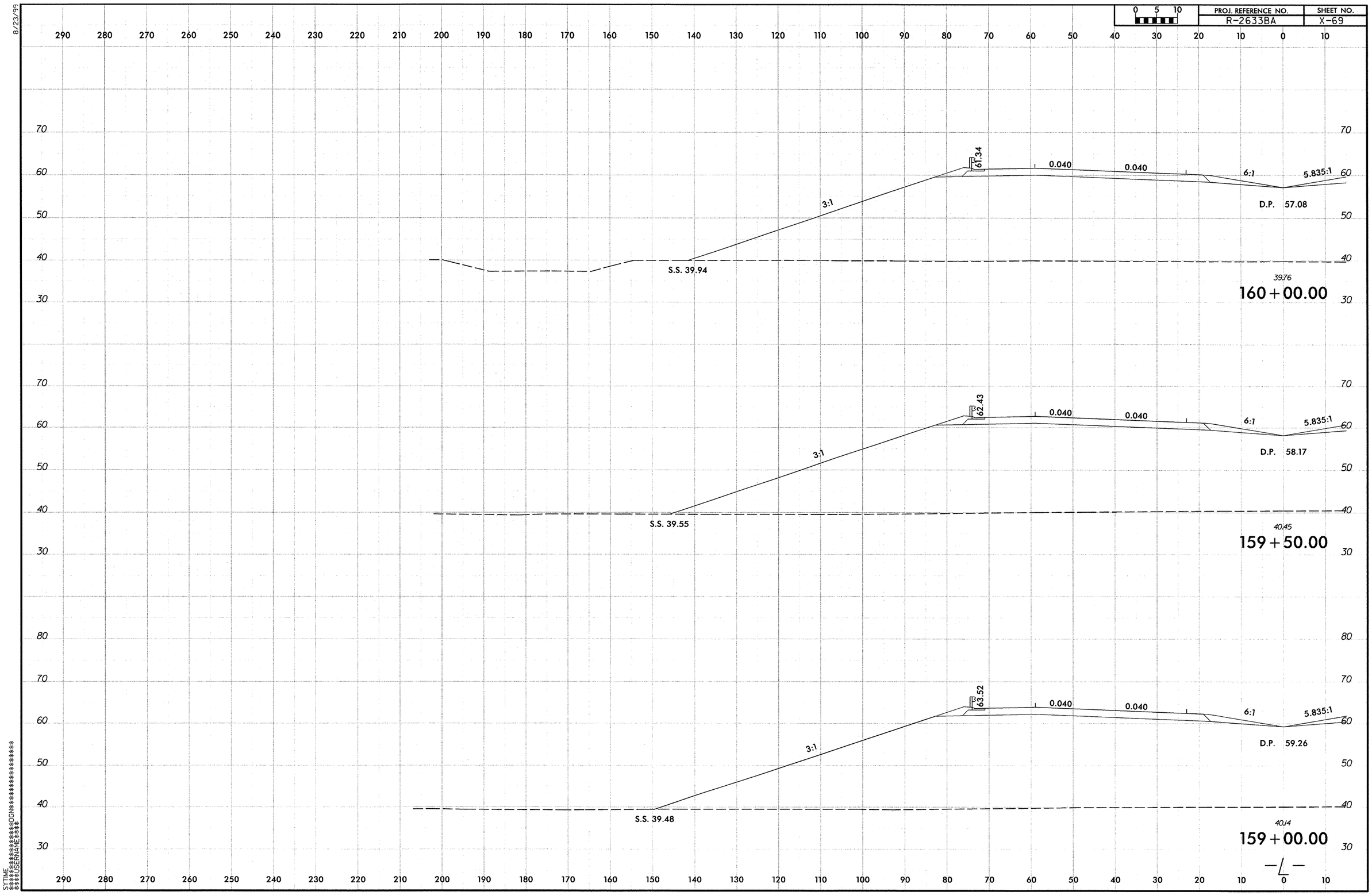
290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

SYTIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:36 PM

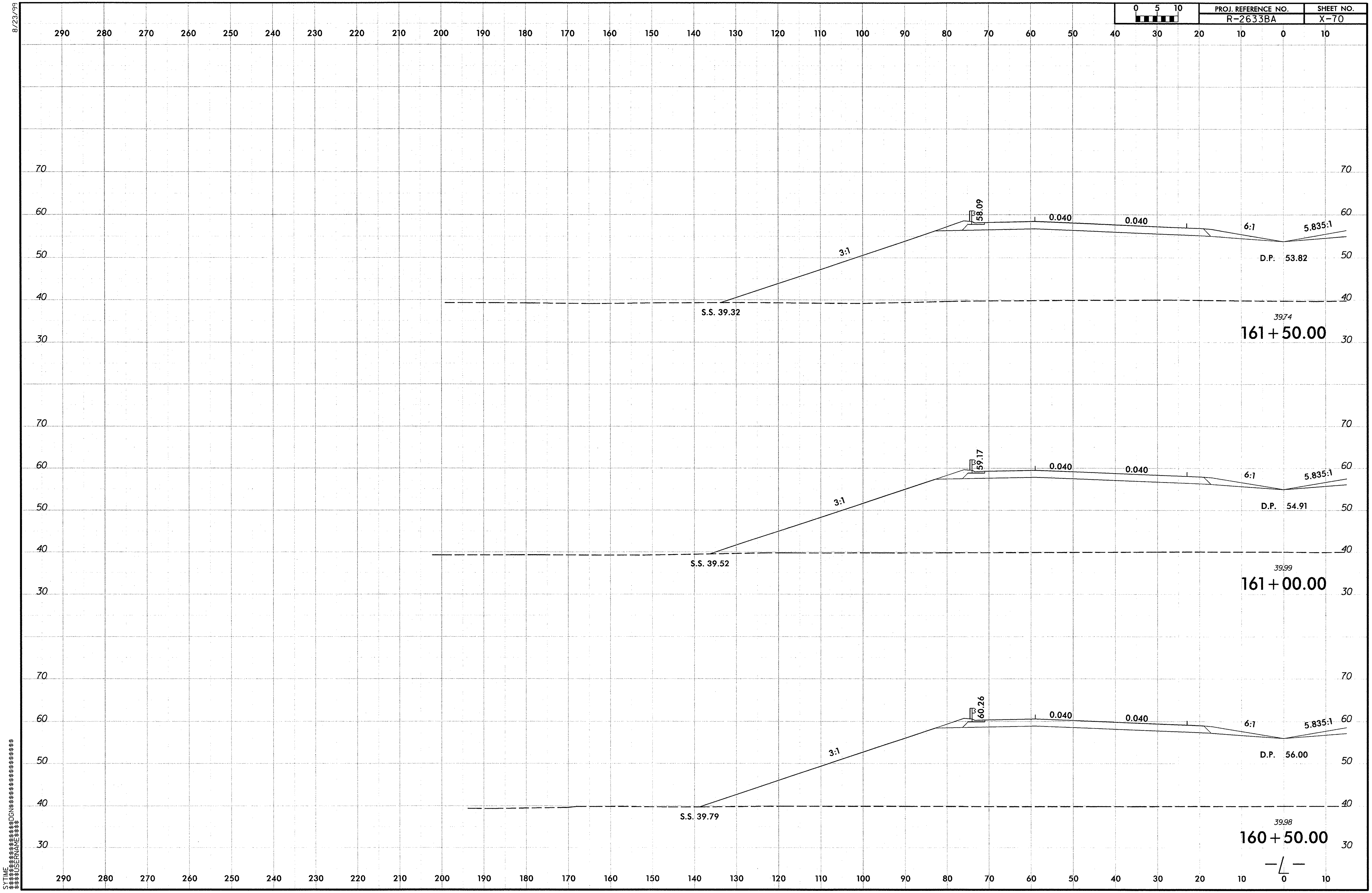


R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:37 PM

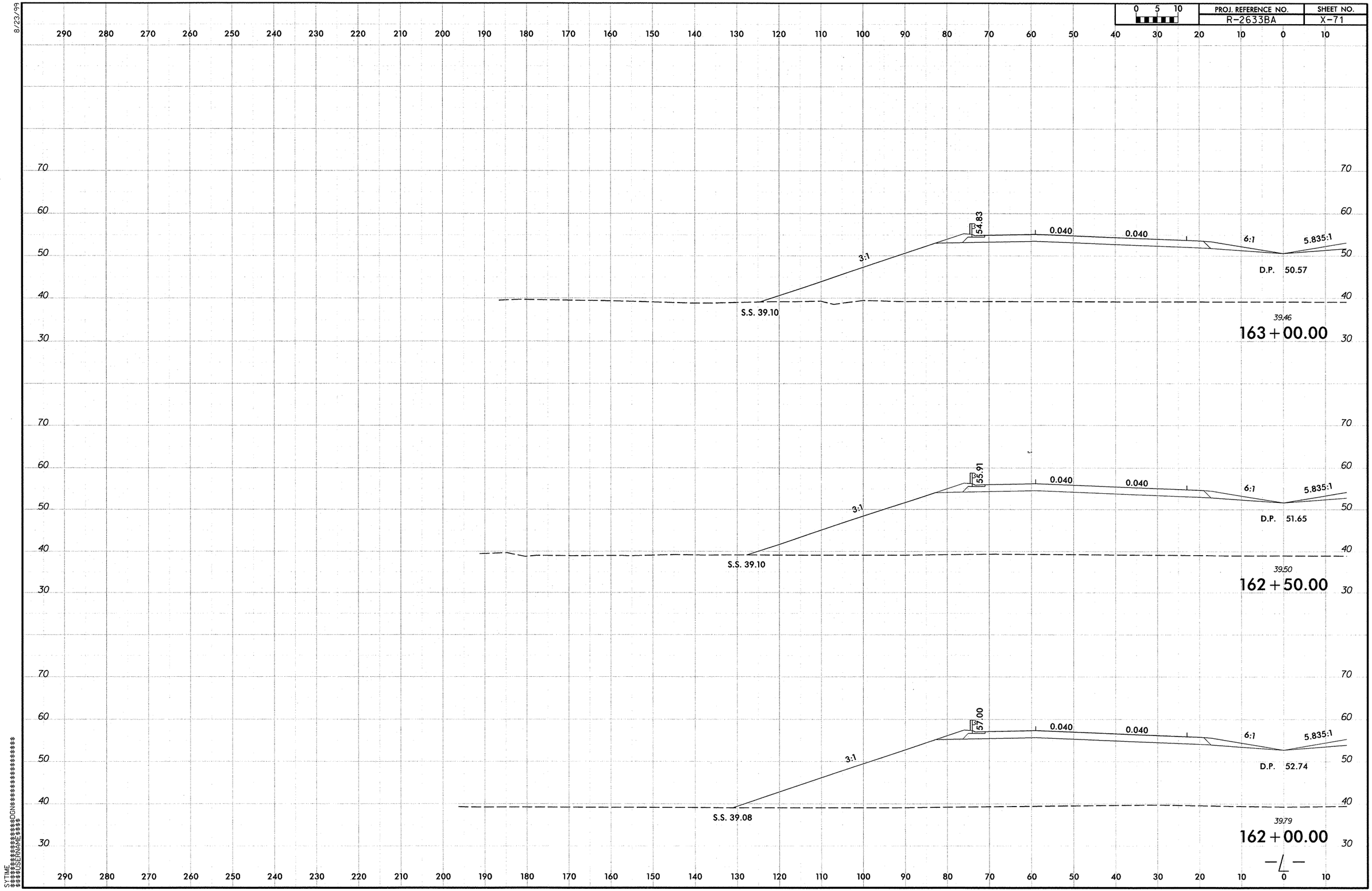


R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:38 PM

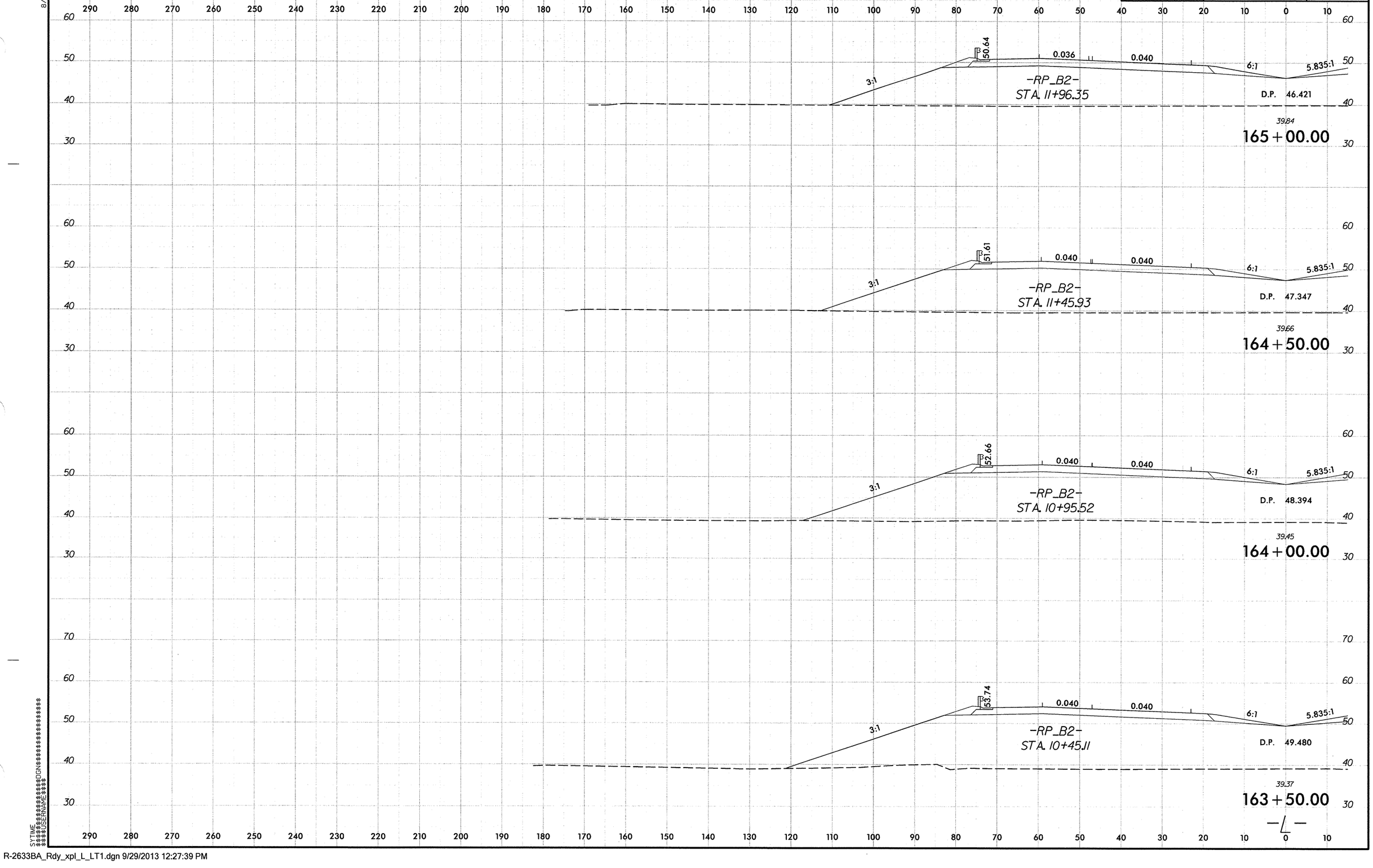
PROJ. REFERENCE NO. R-2633BA | SHEET NO. X-70



R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:38 PM



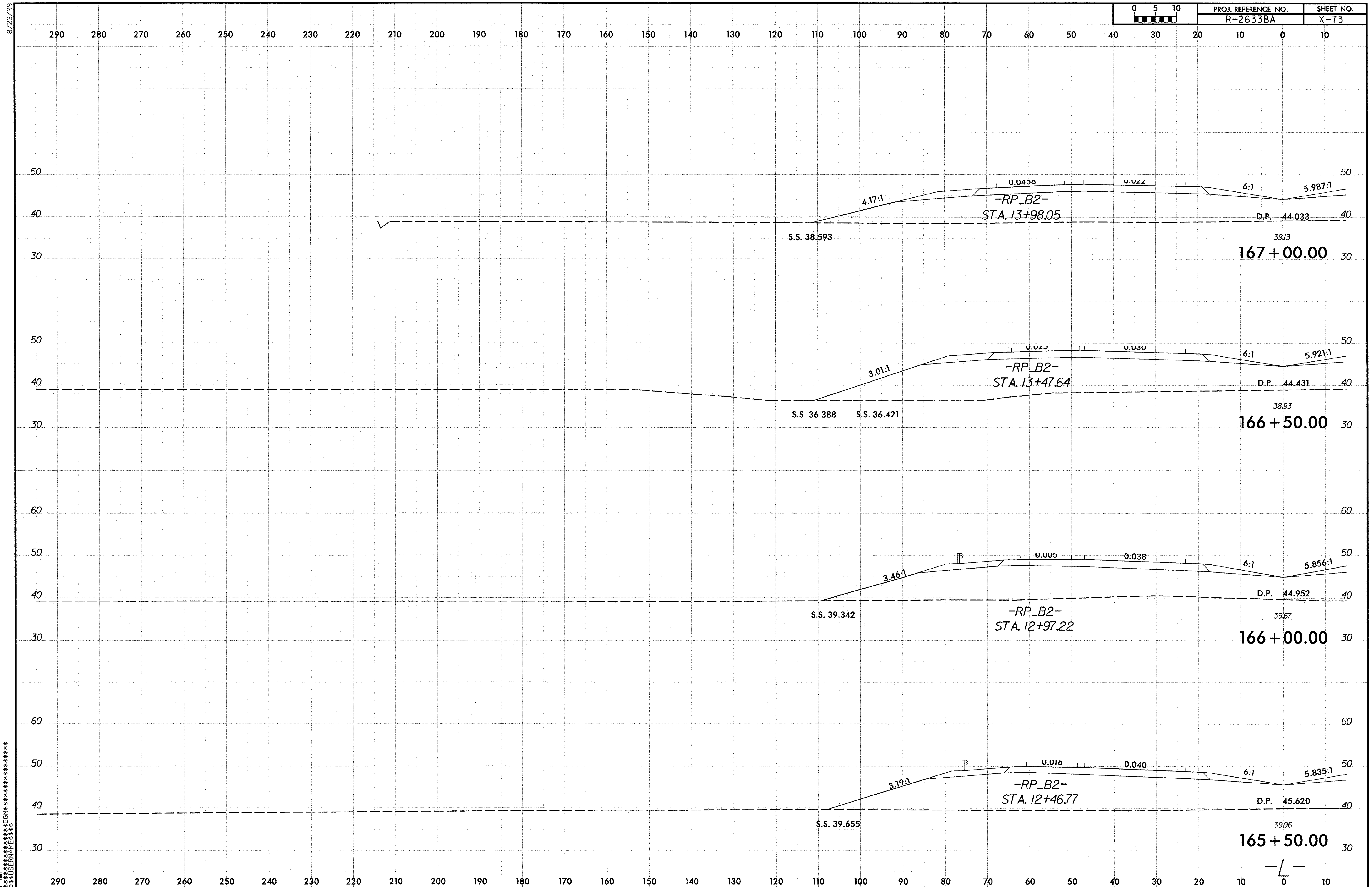
R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:39 PM



8/23/99

SYTIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:39 PM



8/23/99

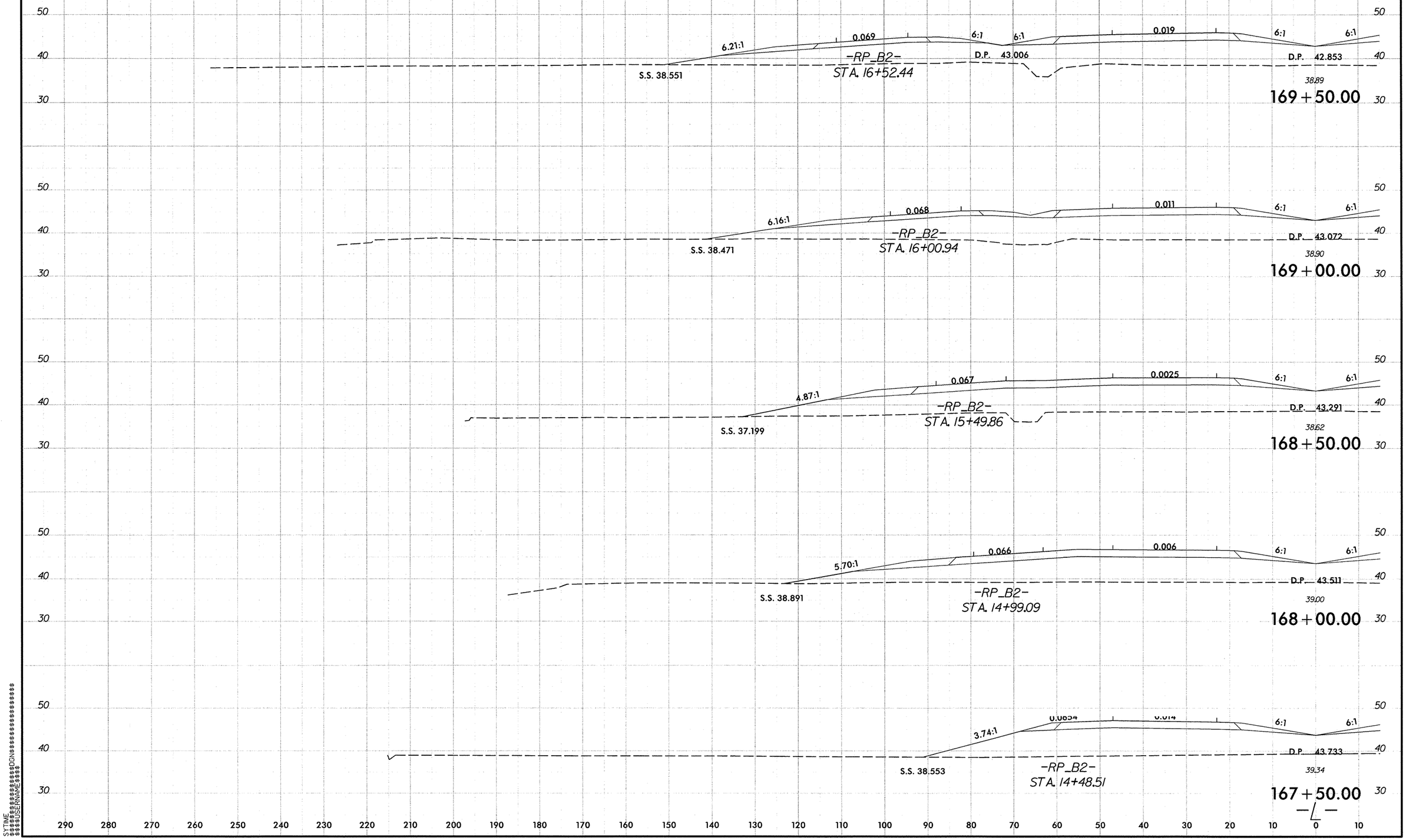
SYTIME $$$$$$$$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$ $$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:40 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-74

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

$YTIME
$USERNAME
$DGN

R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:41 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-75

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

50 40 30

6:1 0.025 6:1 6:1

S.S. 38.203

D.P. 41.756

39.31

172+00.00

50 40 30

5.93:1 0.025 6:1 6:1

D.P. 36.500

D.P. 41.975

38.90

171+50.00

50 40 30

SP 9
-RP_B2- STA 18+00.00
EL = 41.71

6:1 5.76:1 0.025 6:1 6:1

D.P. 37.993

D.P. 42.194

38.66

171+00.00

50 40 30

6.35:1 0.069 0.069 6.35:1 6:1 0.025 6:1 6:1

S.S. 38.815

-RP_B2-
STA. 17+57.02

D.P. 39.892

D.P. 42.414

38.54

170+50.00

50 40 30

6.28:1 0.070 0.070 6.27:1 6:1 0.025 6:1 6:1

S.S. 38.419

-RP_B2-
STA. 17+04.44

D.P. 41.490

D.P. 42.633

38.75

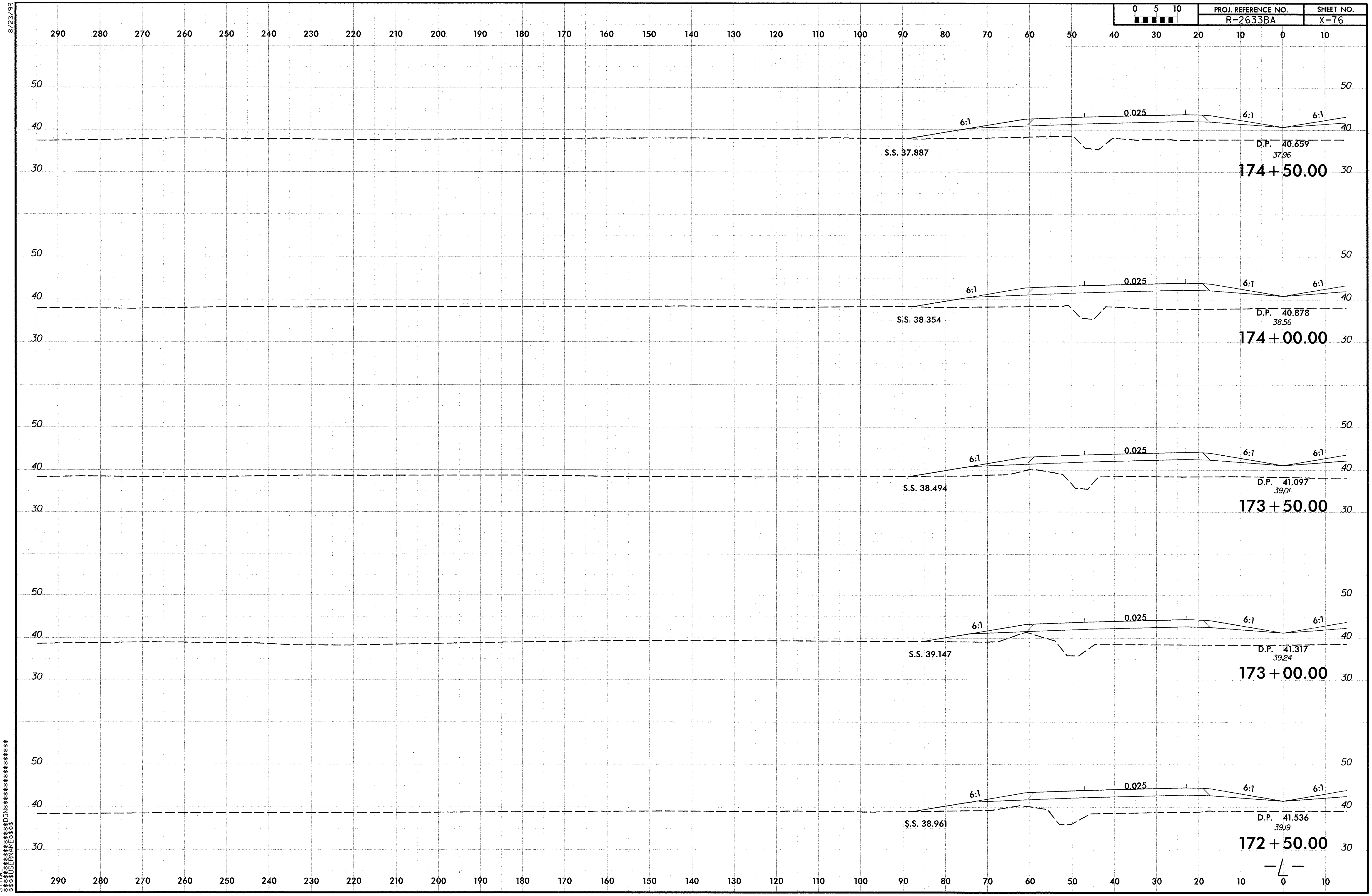
170+00.00

—℄—

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

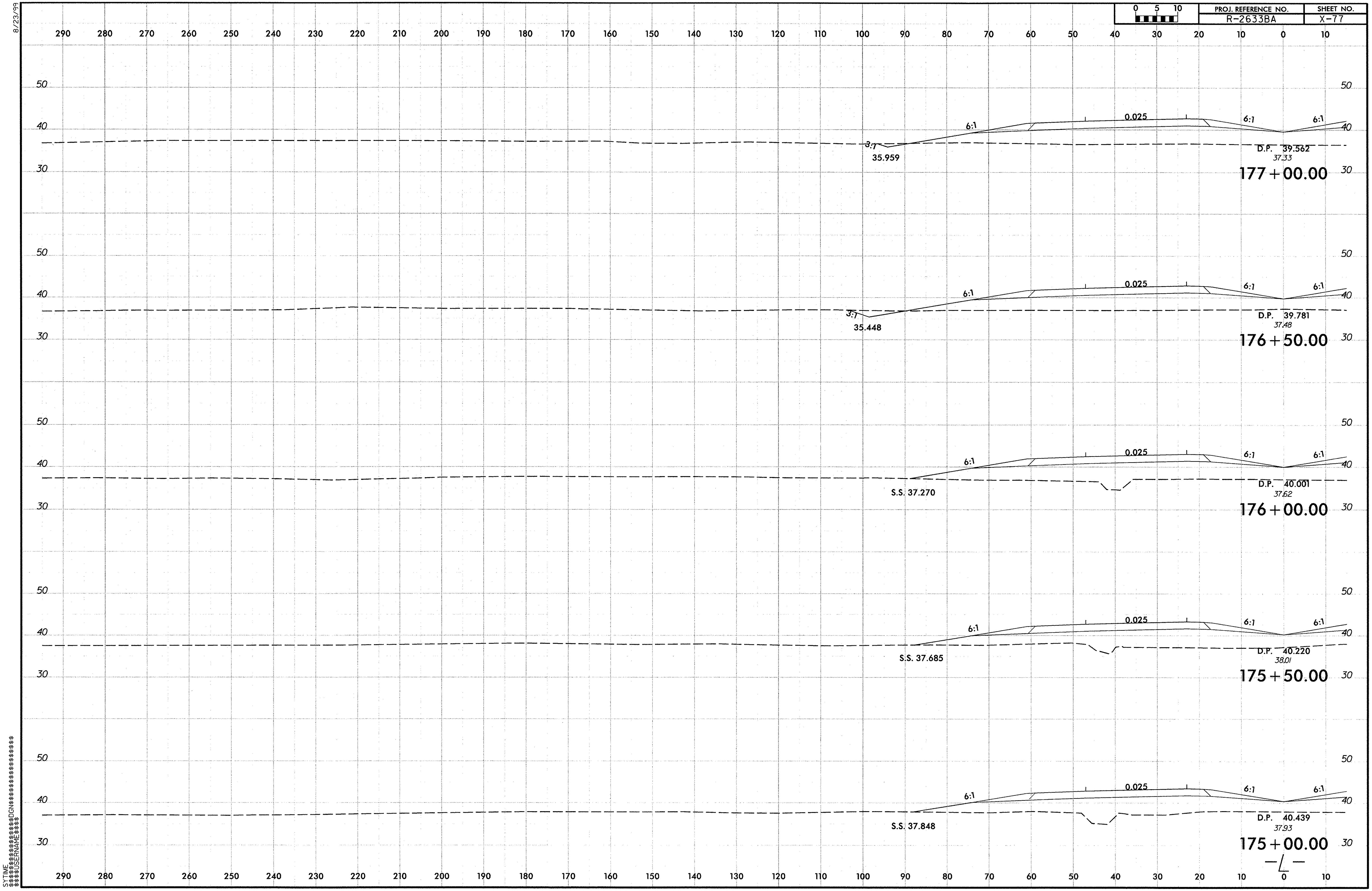
SYTIME
USERNAME
DGN

R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:41 PM



R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:42 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-77



R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:43 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-78

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

50 40 30 20

4.384:1 39.22 0.057 0.054 0.025 6:1 6:1

S.S. 36.567

-LP_B2-
STA. 12+51.25

D.P. 38.684
36.60

179+00.00

50 40 30 20

5:1 39.50 0.057 0.060 7.21:1 6:1 0.025 6:1 6:1

S.S. 36.875

-LP_B2-
STA. 13+08.44

D.P. 38.930

D.P. 38.904
36.55

178+50.00

60 50 40 30 20

SP 14
-LP_B2- STA. 14+00.00
EL. = 40.82'

40.30 0.045 0.047 8.95:1 6:1 0.025 6:1 6:1

-LP_B2-
STA. 13+76.34

D.P. 39.123
36.66

178+00.00

50 40 30 20

3:1 6:1 0.025 6:1 6:1

36.469

D.P. 39.342
36.97

177+50.00

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

SYTIME
SYSTEM
SYDGN
SYELEMENTS

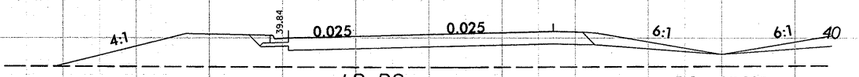
R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:43 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-79

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

50 40 30 20

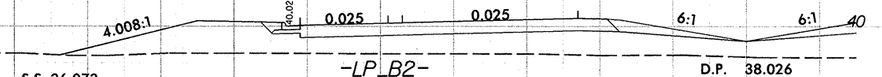


S.S. 36.139

-LP_B2-
STA. 10+47.17

D.P. 37.807
36.16

181+00.00

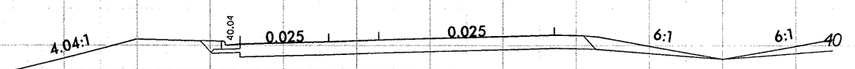


S.S. 36.073

-LP_B2-
STA. 10+97.20

D.P. 38.026
35.86

180+50.00

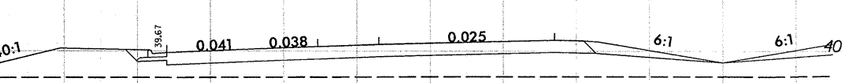


S.S. 36.414

-LP_B2-
STA. 11+47.45

D.P. 38.246
36.31

180+00.00



S.S. 36.403

-LP_B2-
STA. 11+98.43

D.P. 38.465
36.57

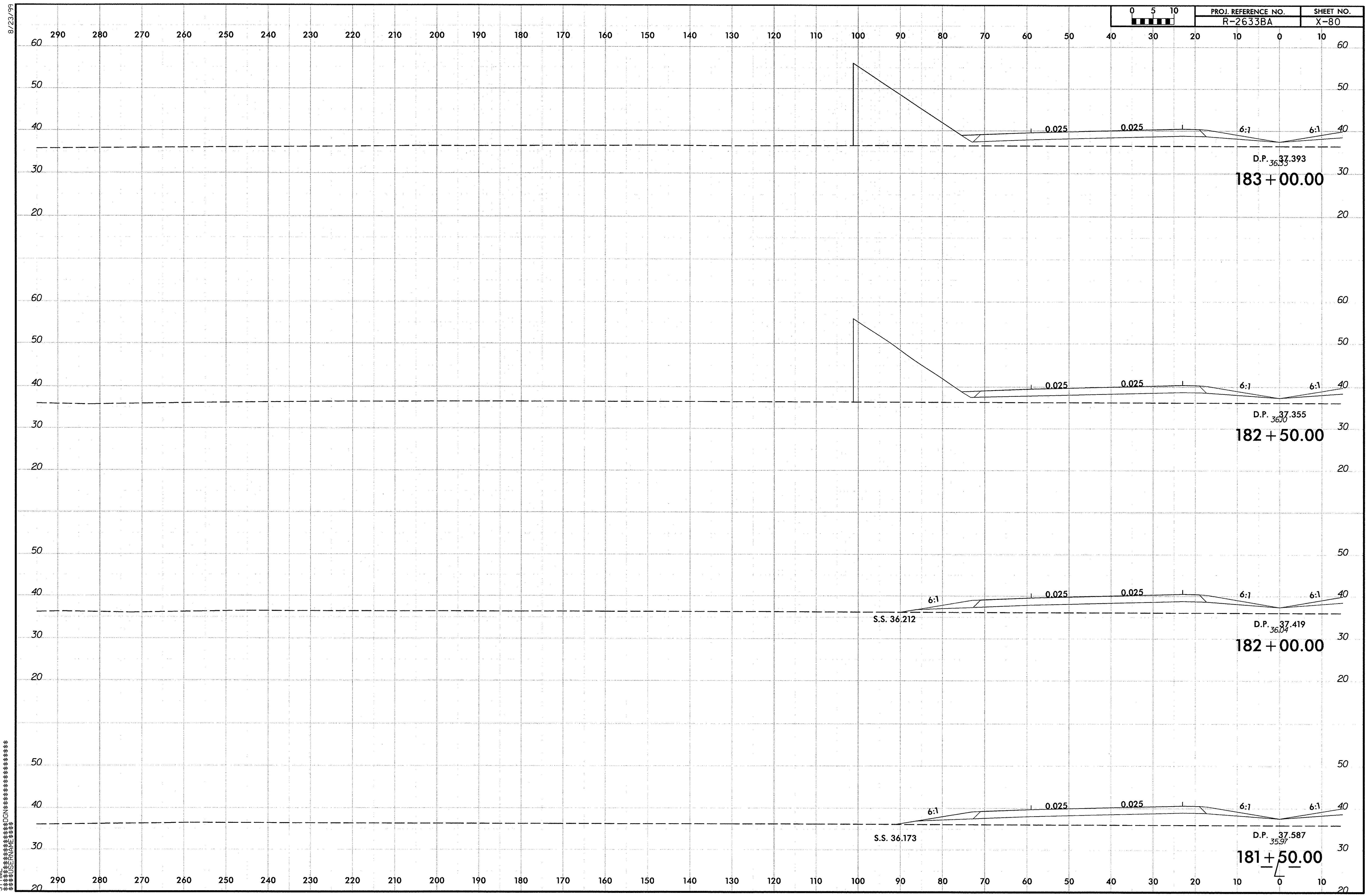
179+50.00

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

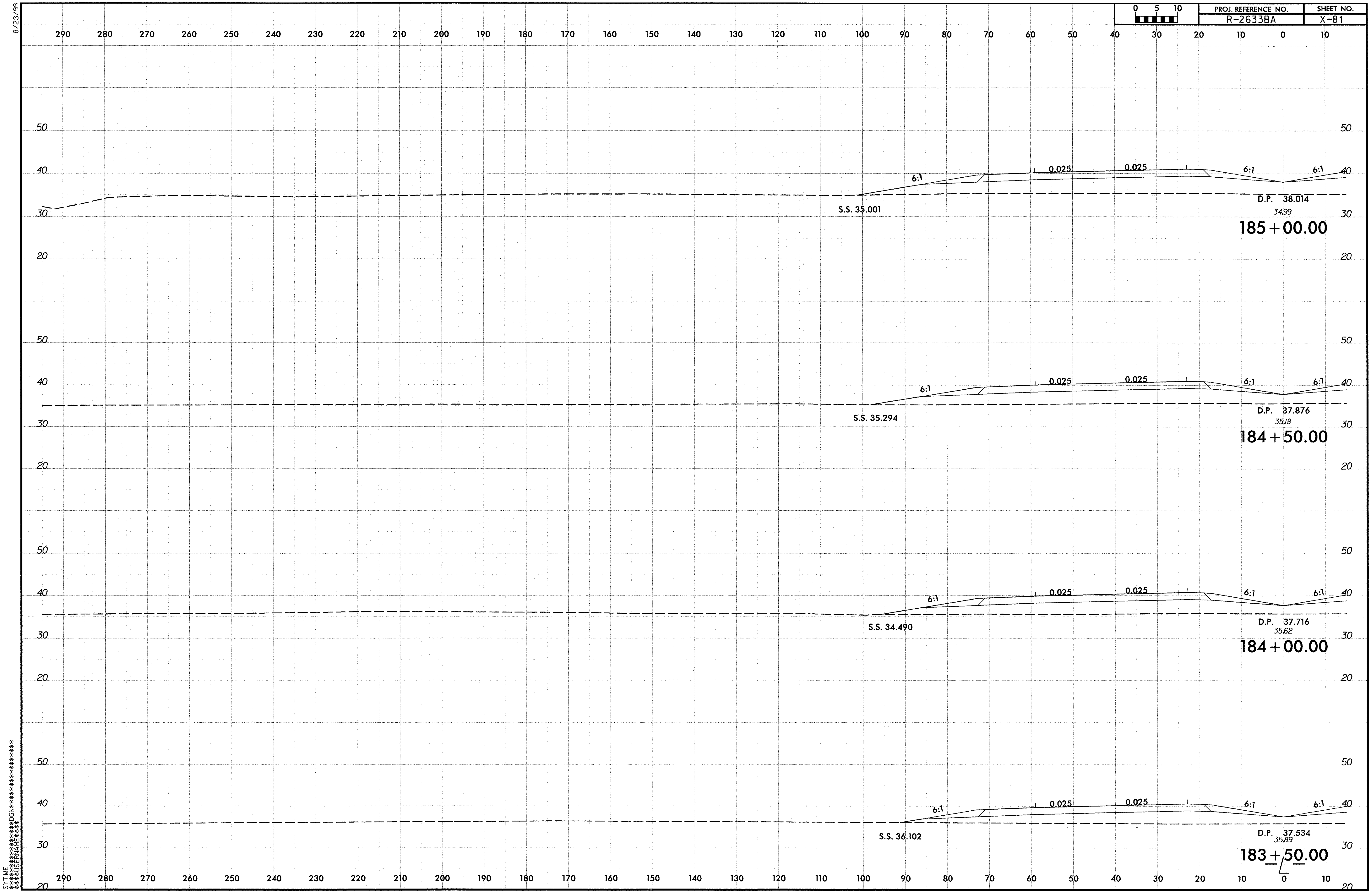
50 40 30 20

SYTIME
DGN

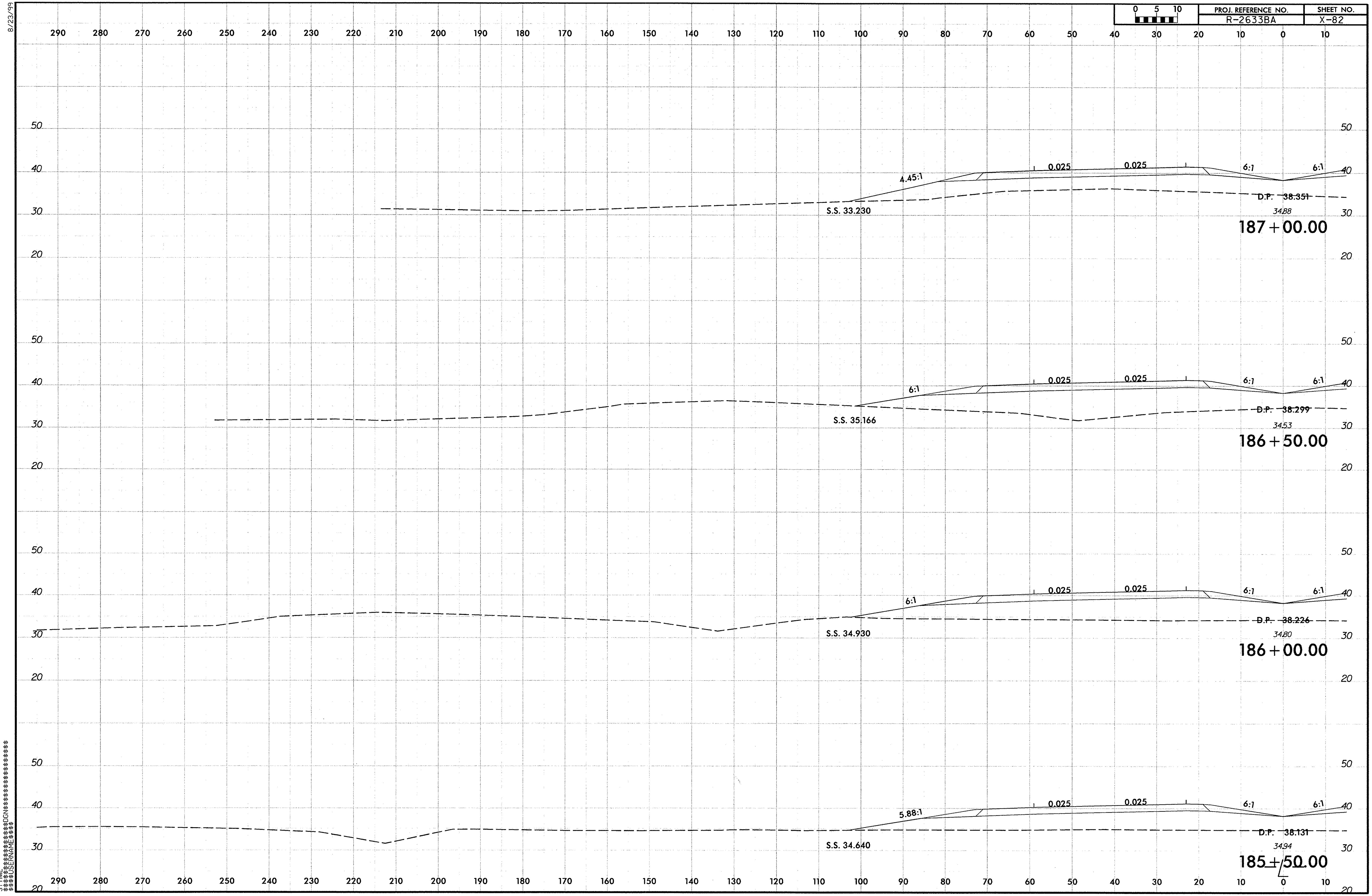
R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:44 PM


PROJ. REFERENCE NO.
R-2633BA
SHEET NO.
X-80
0 5 10
D.P. 37.393 36.33
183 + 00.00
D.P. 37.355 36.10
182 + 50.00
S.S. 36.212
D.P. 37.419 36.04
182 + 00.00
S.S. 36.173
D.P. 37.587 35.97
181 + 50.00
0.025
6:1
8/23/99

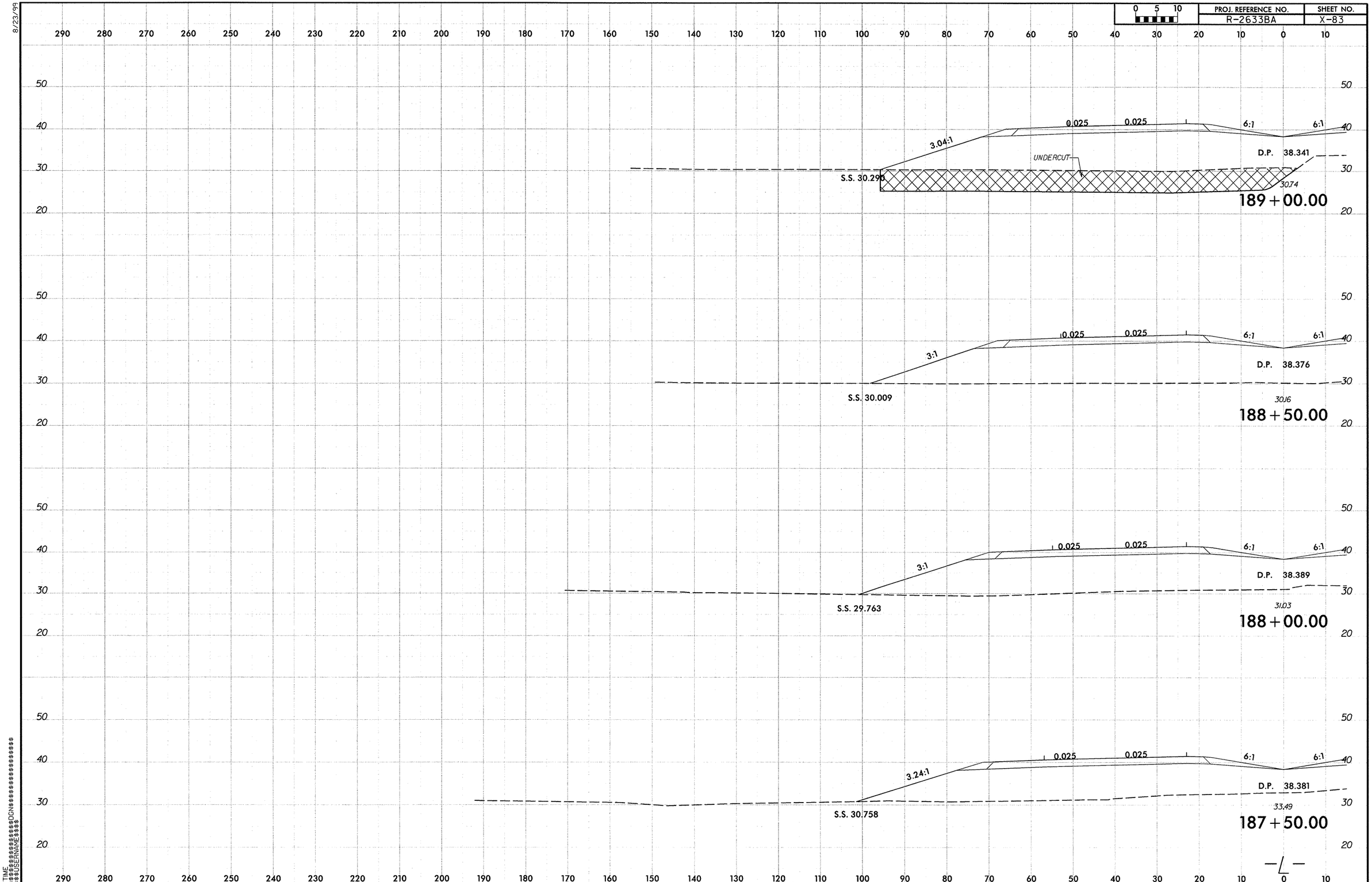
PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-81



R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:45 PM

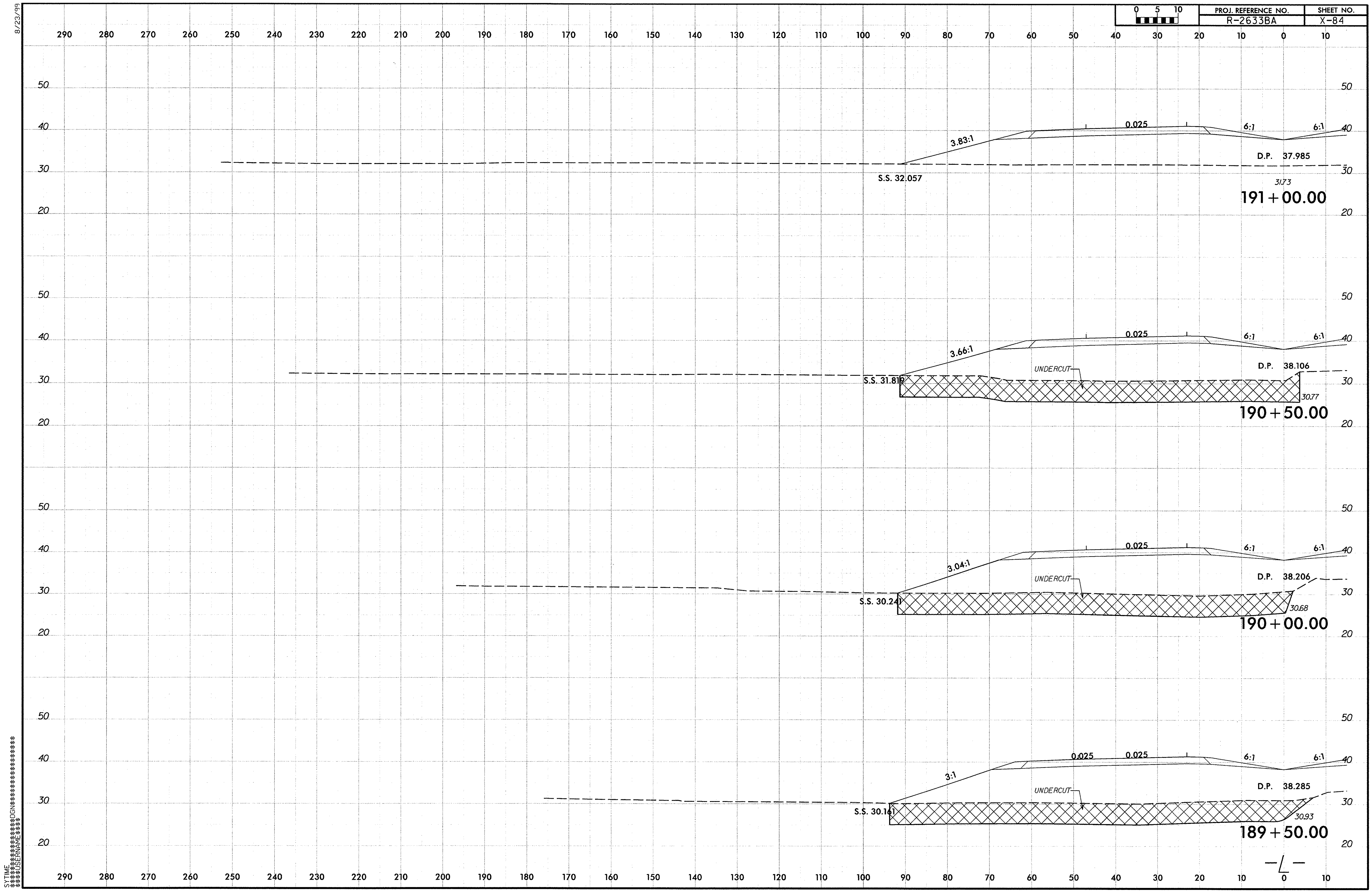


R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:46 PM



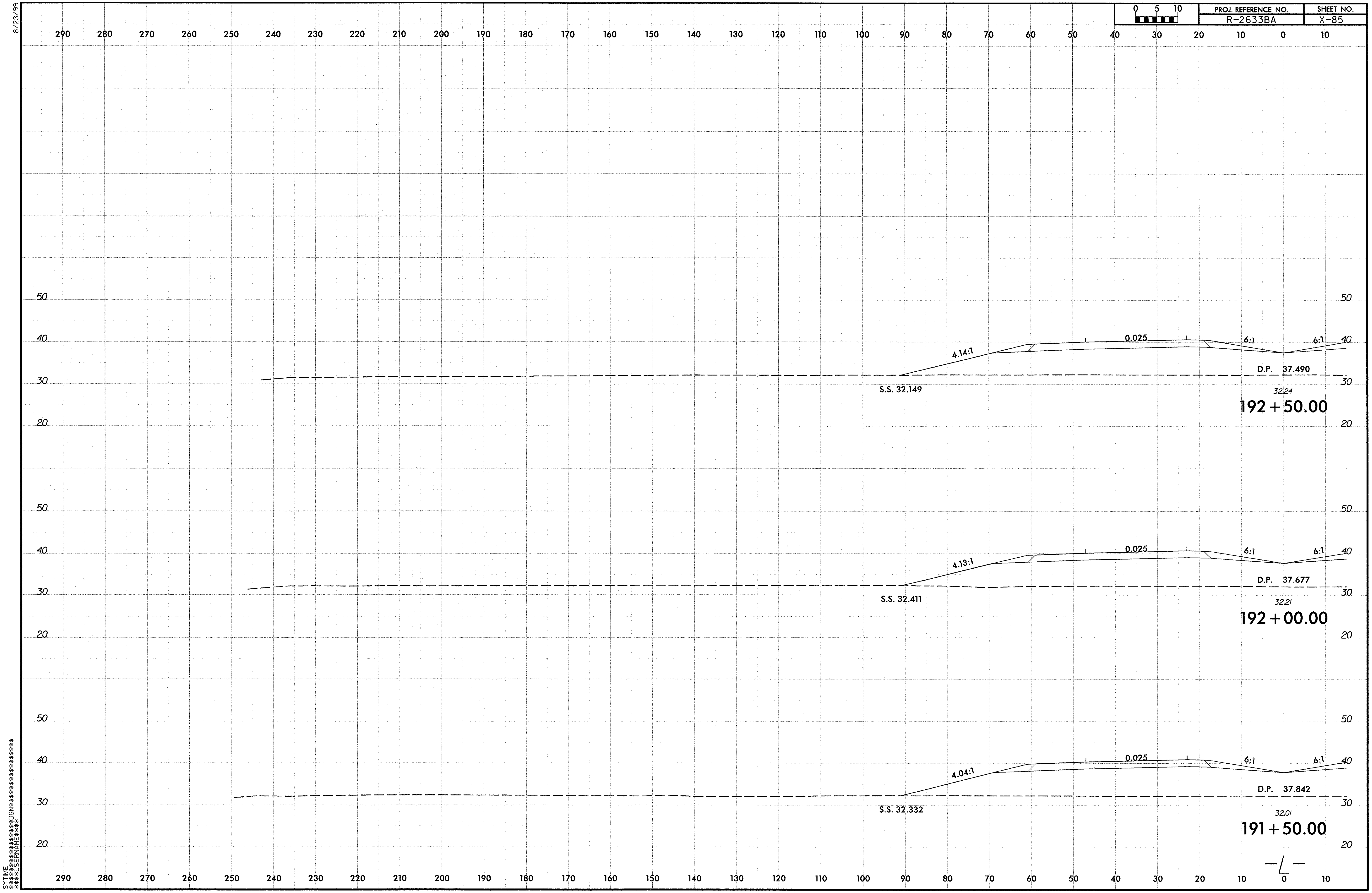
8/23/99

R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:46 PM

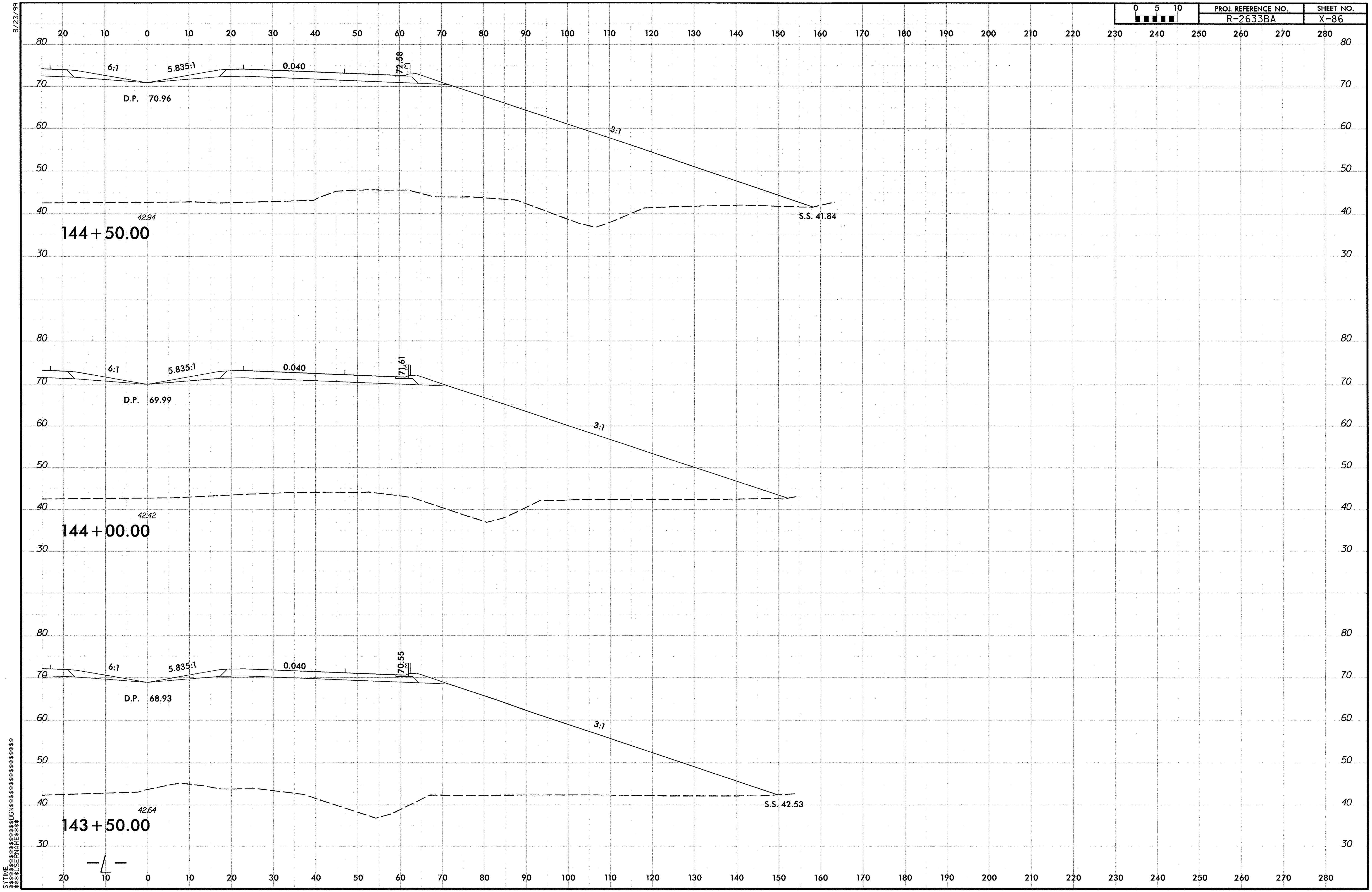


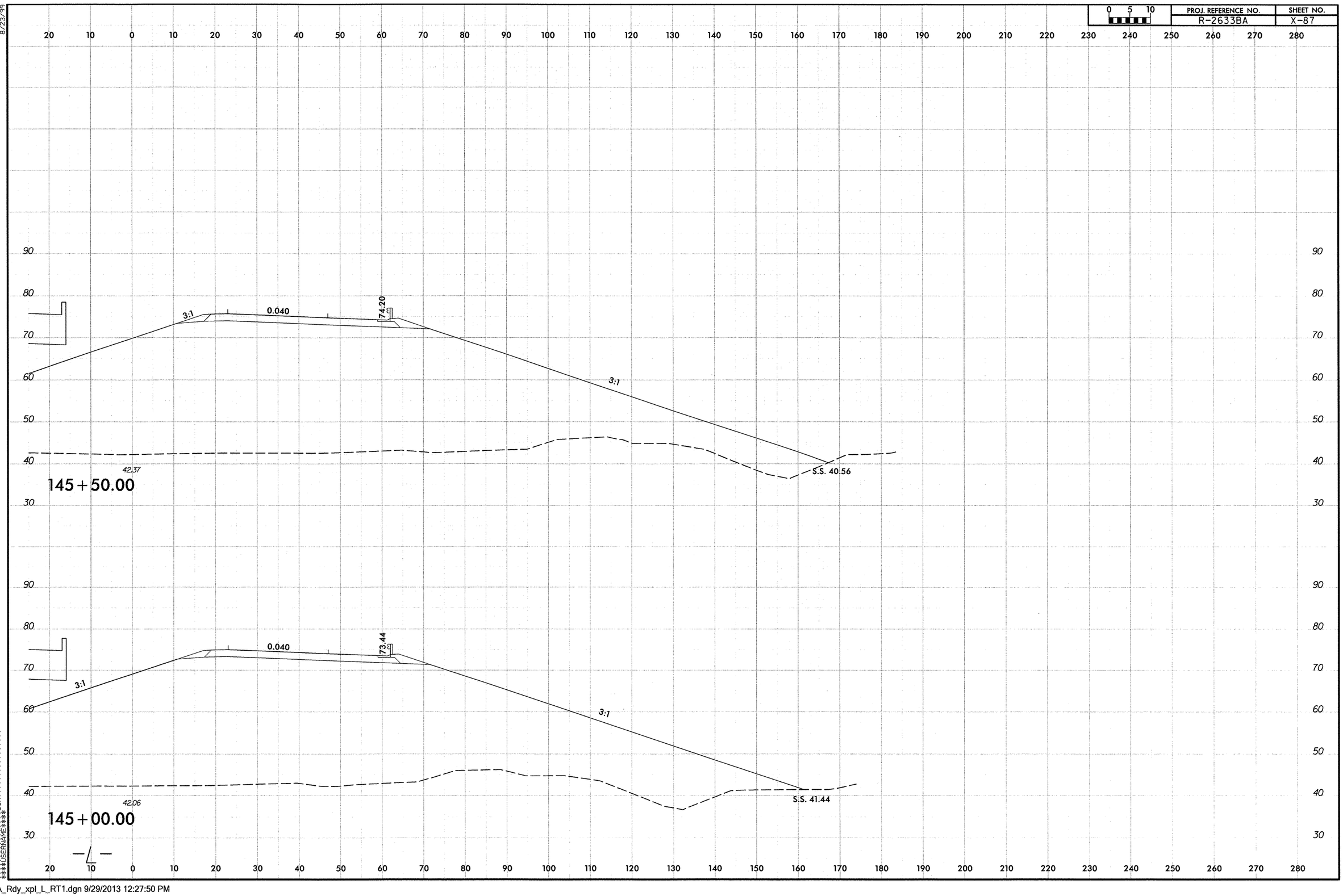
R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:47 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-85



R-2633BA_Rdy_xpl_L_LT1.dgn 9/29/2013 12:27:48 PM


8/23/99
0 5 10
6:1
5.835:1
0.040
72.58
D.P. 70.96
3:1
S.S. 41.84
42.94
144+50.00
6:1
5.835:1
0.040
71.61
D.P. 69.99
3:1
42.42
144+00.00
6:1
5.835:1
0.040
70.55
D.P. 68.93
3:1
S.S. 42.53
42.64
143+50.00
-L-
SYTIME $$$$$$$$$$$USERNAME$$$$ $$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$



R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:27:50 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-88

20 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

90
80
70
60
50
40
30

0.040

41.42
146+50.00

0.040

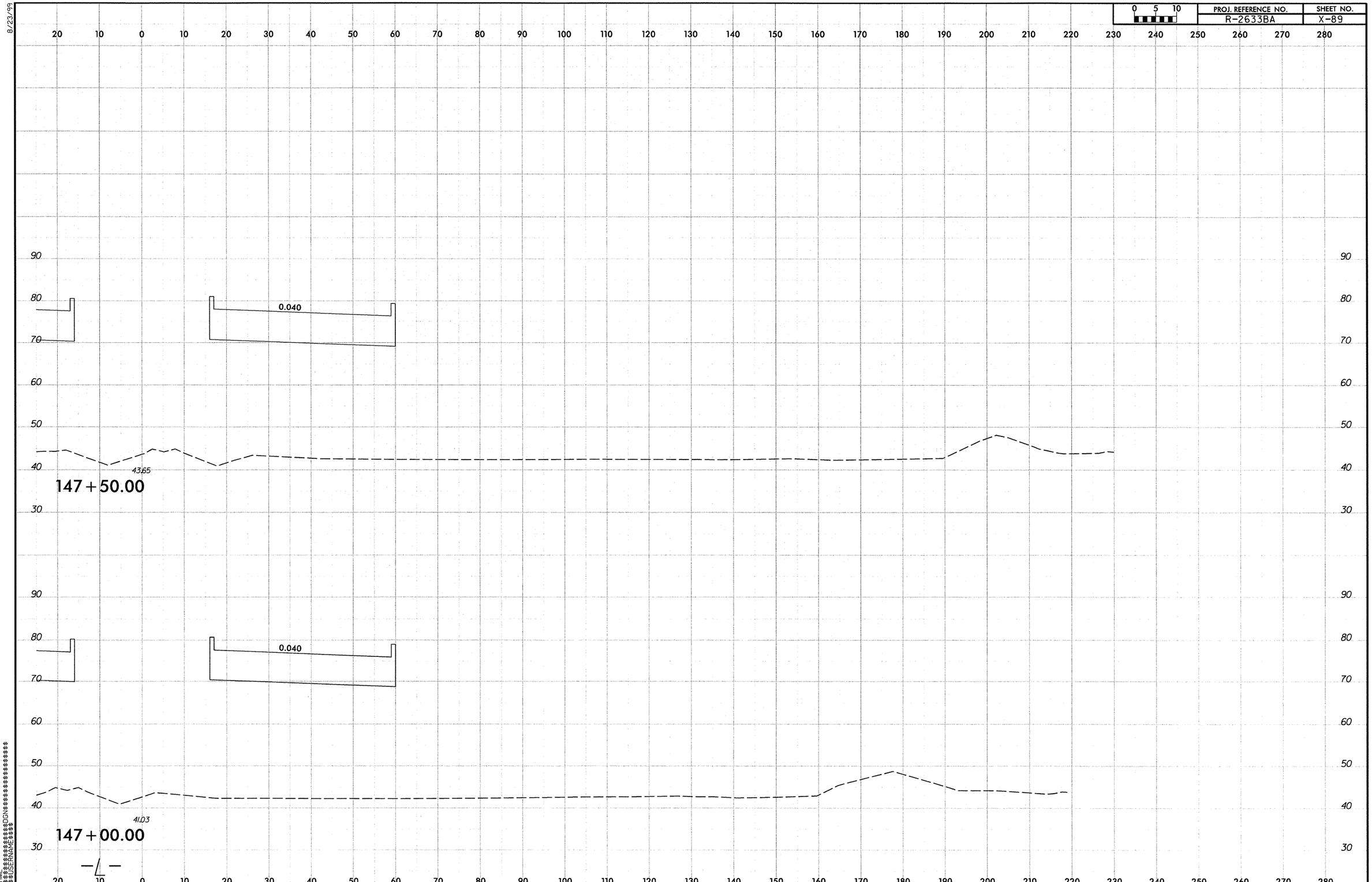
3:1

41.49
146+00.00

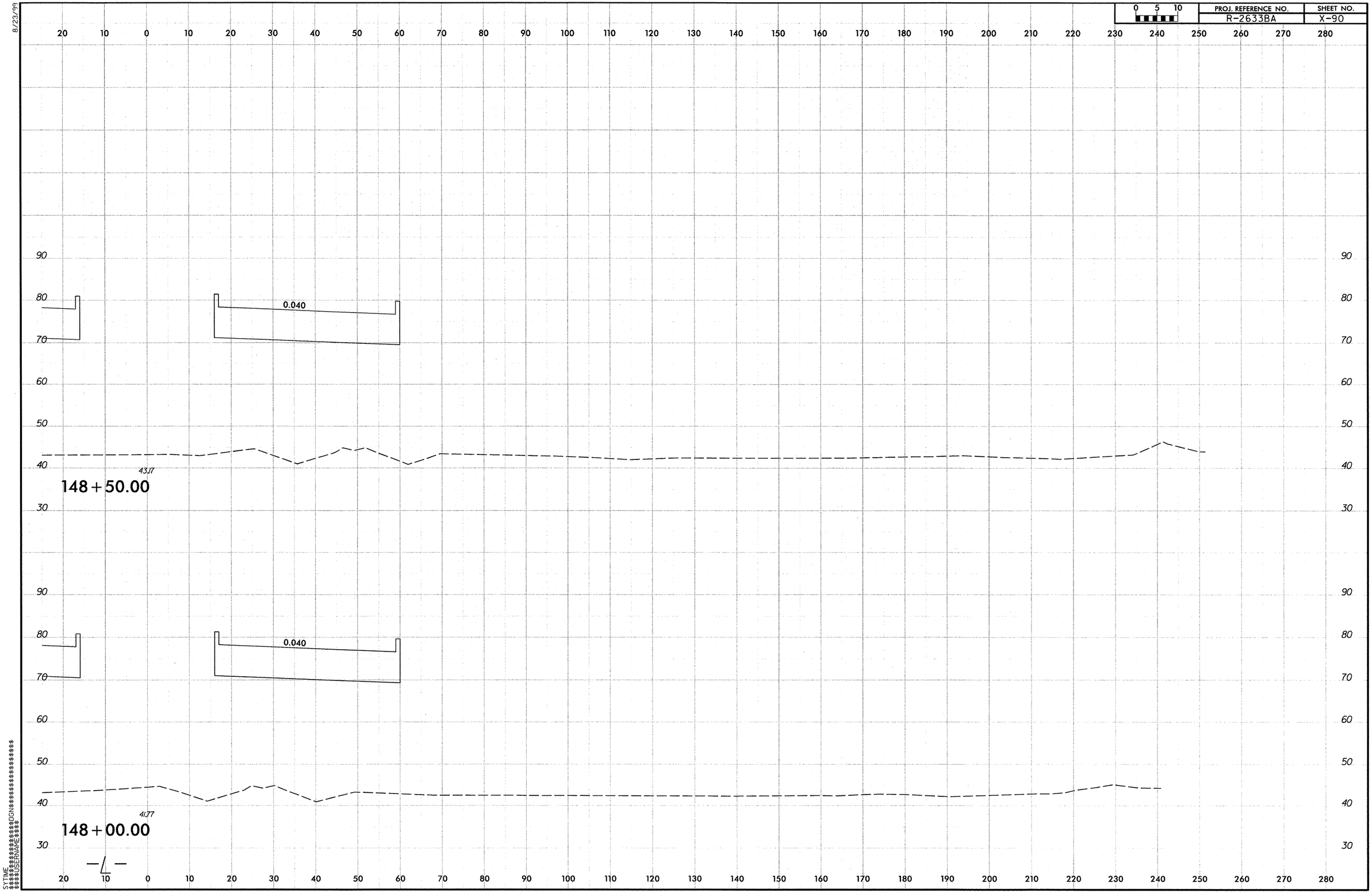
20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

$$$$TIME
$$$$USERNAME$$$$DGN$$$$$$$$$$$$$$$$$$$$

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:27:50 PM



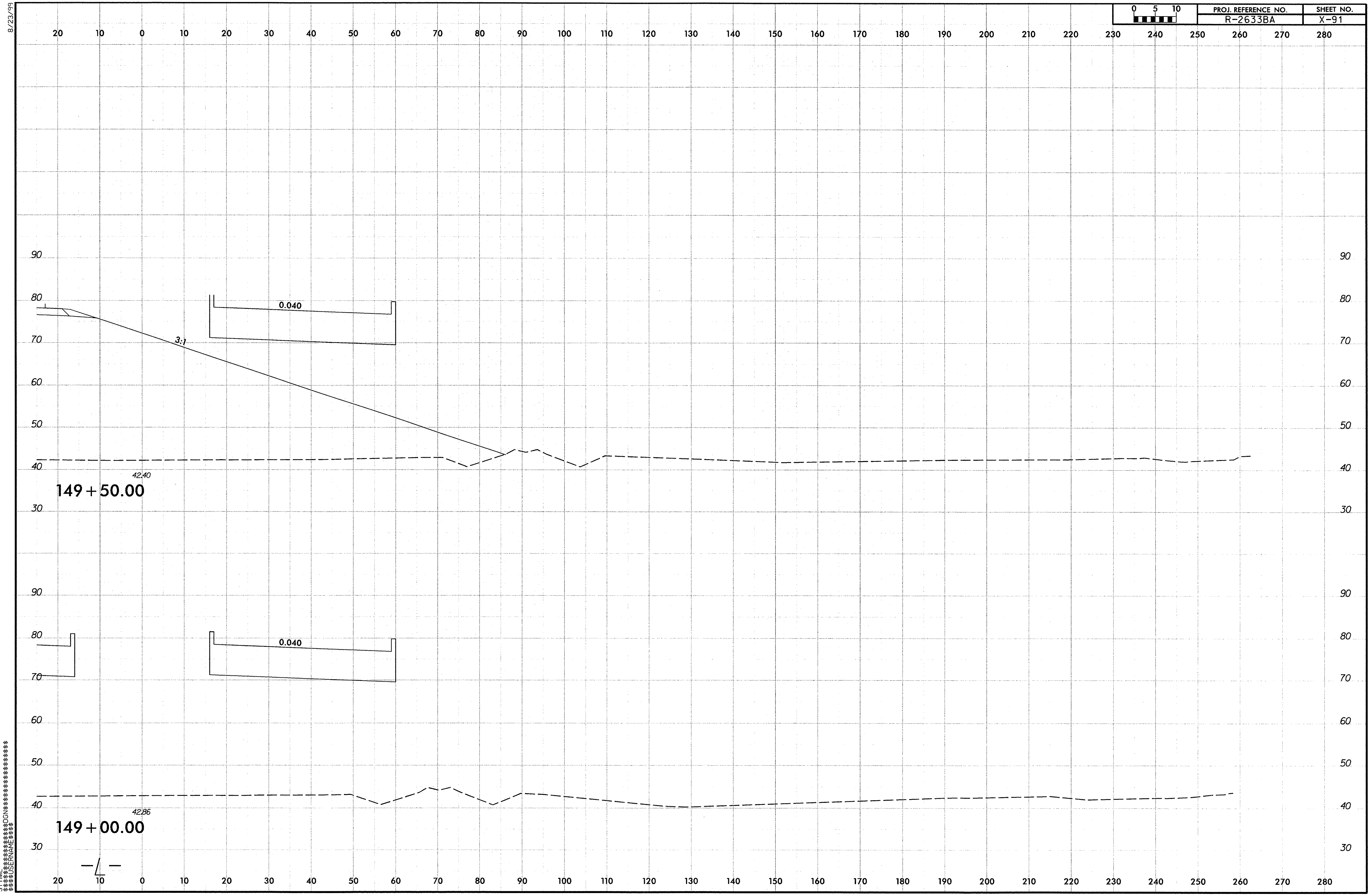
R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:27:51 PM



R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:27:52 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-91

8/23/99



$$$$SYTIME$$$$ $$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$ $$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-92

20 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

90 80 70 60 50 40 30

0.040

42.93

150+50.00

90 80 70 60 50 40 30

0.040

3:1

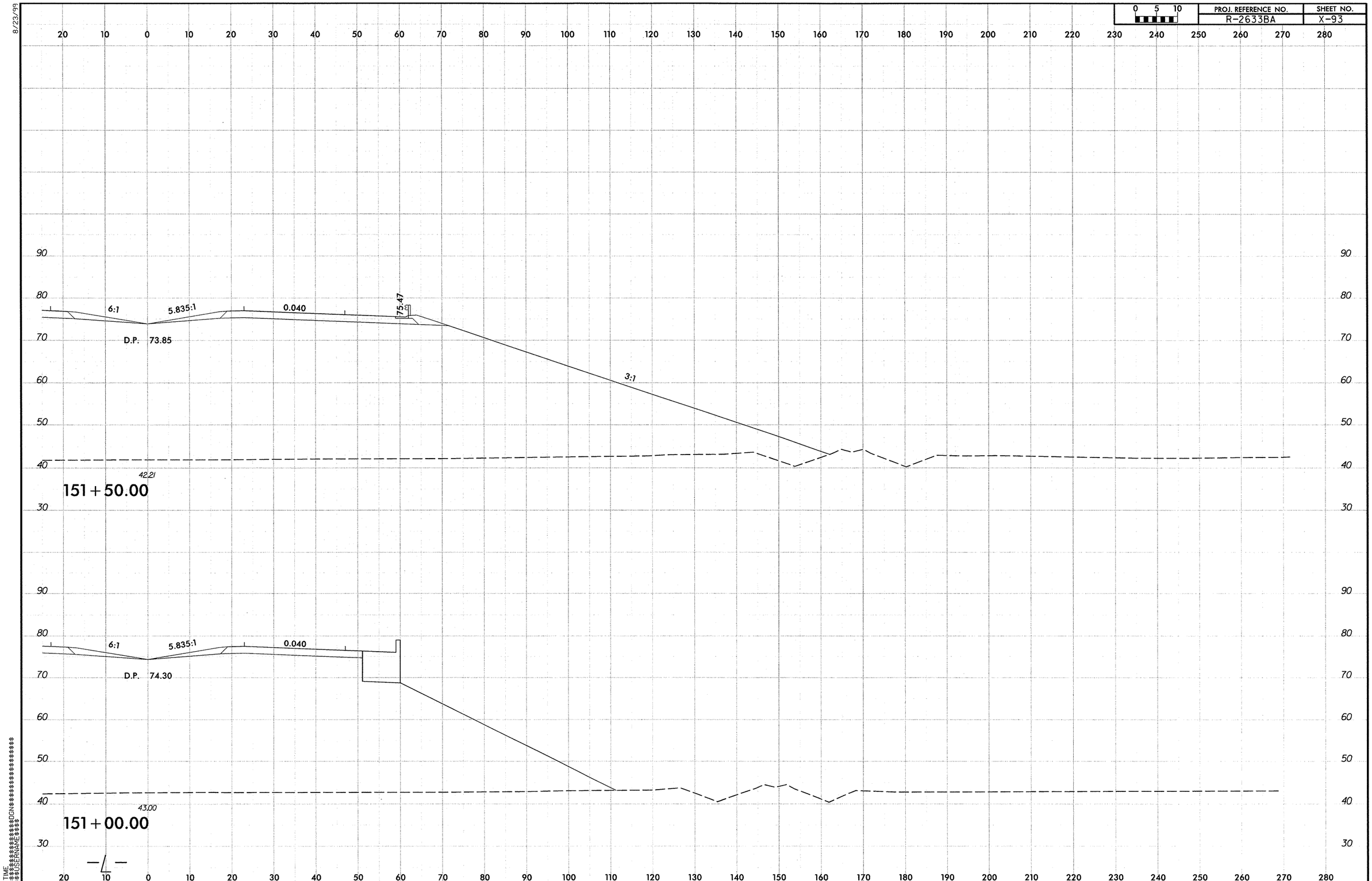
42.58

150+00.00

20 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

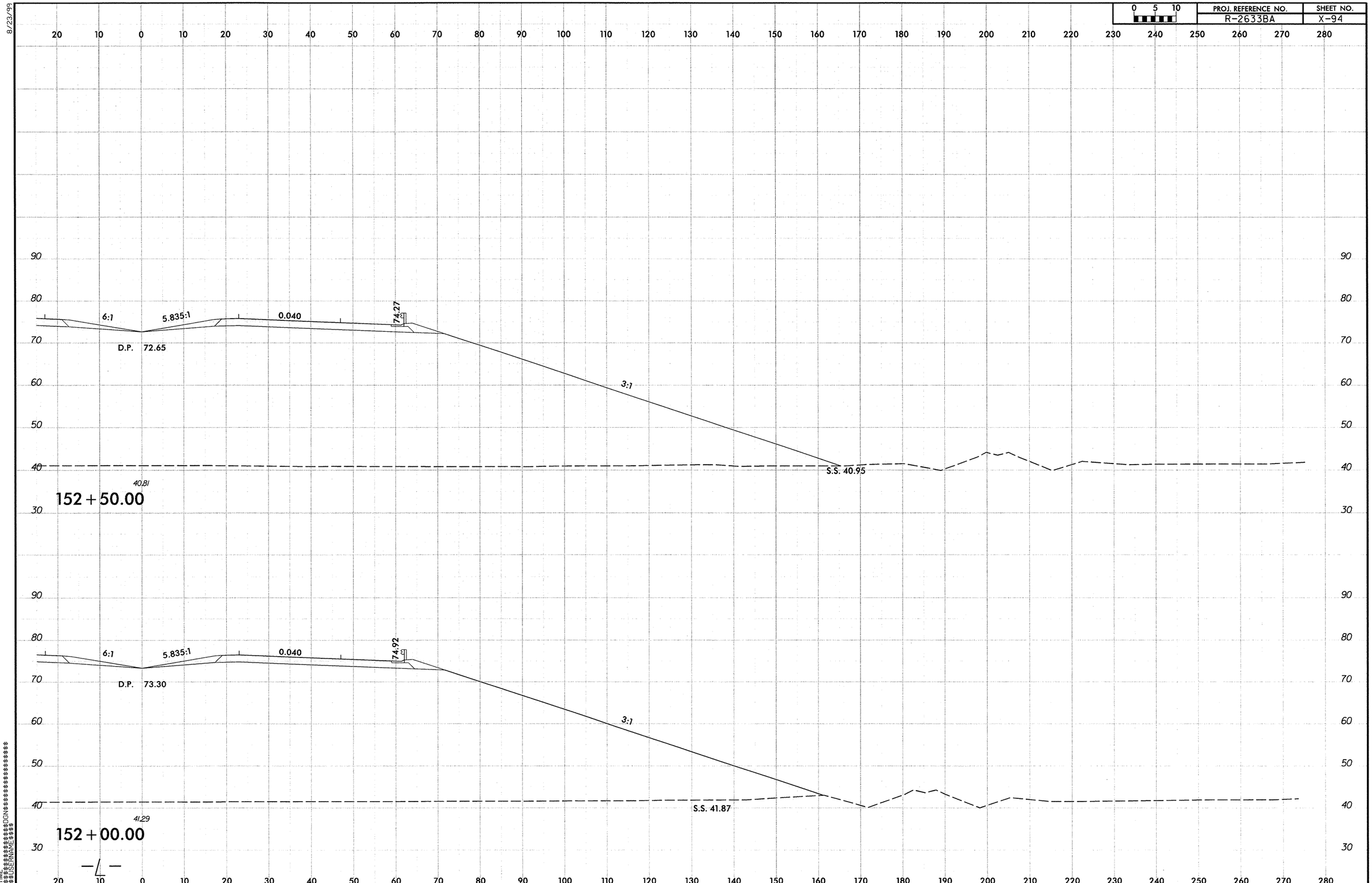
SYTIME
$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:27:53 PM



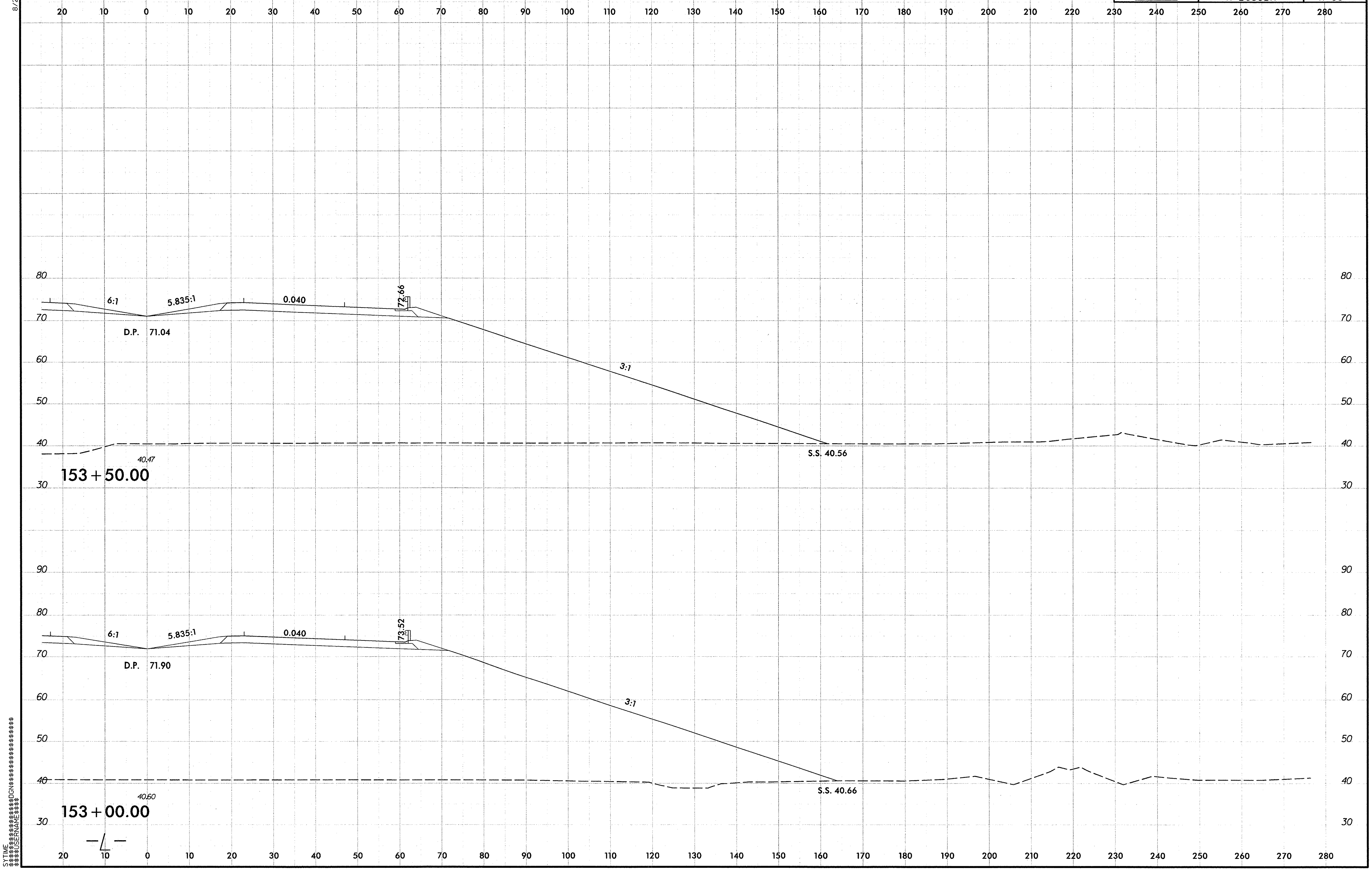
8/23/99

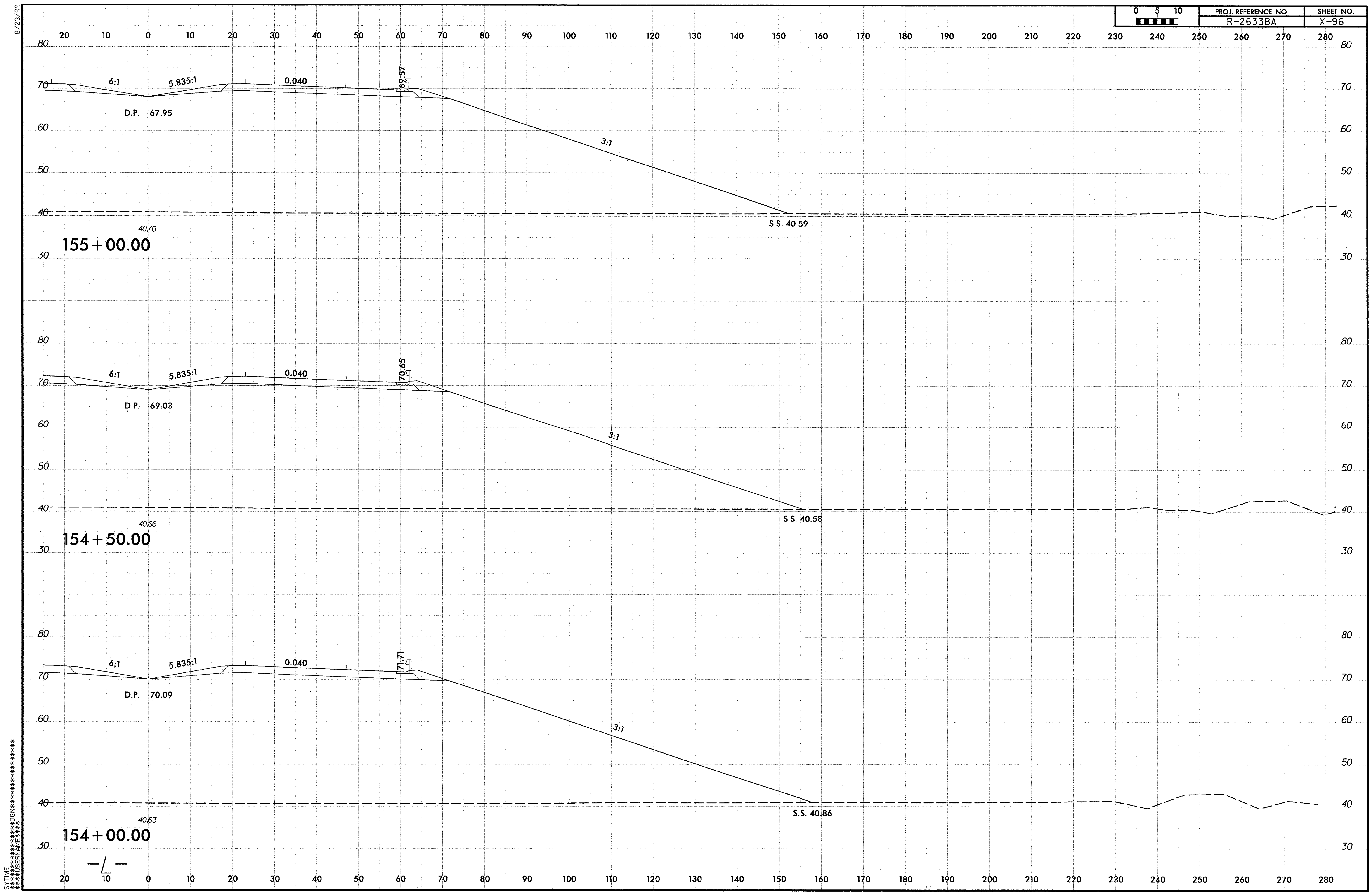
R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:27:53 PM

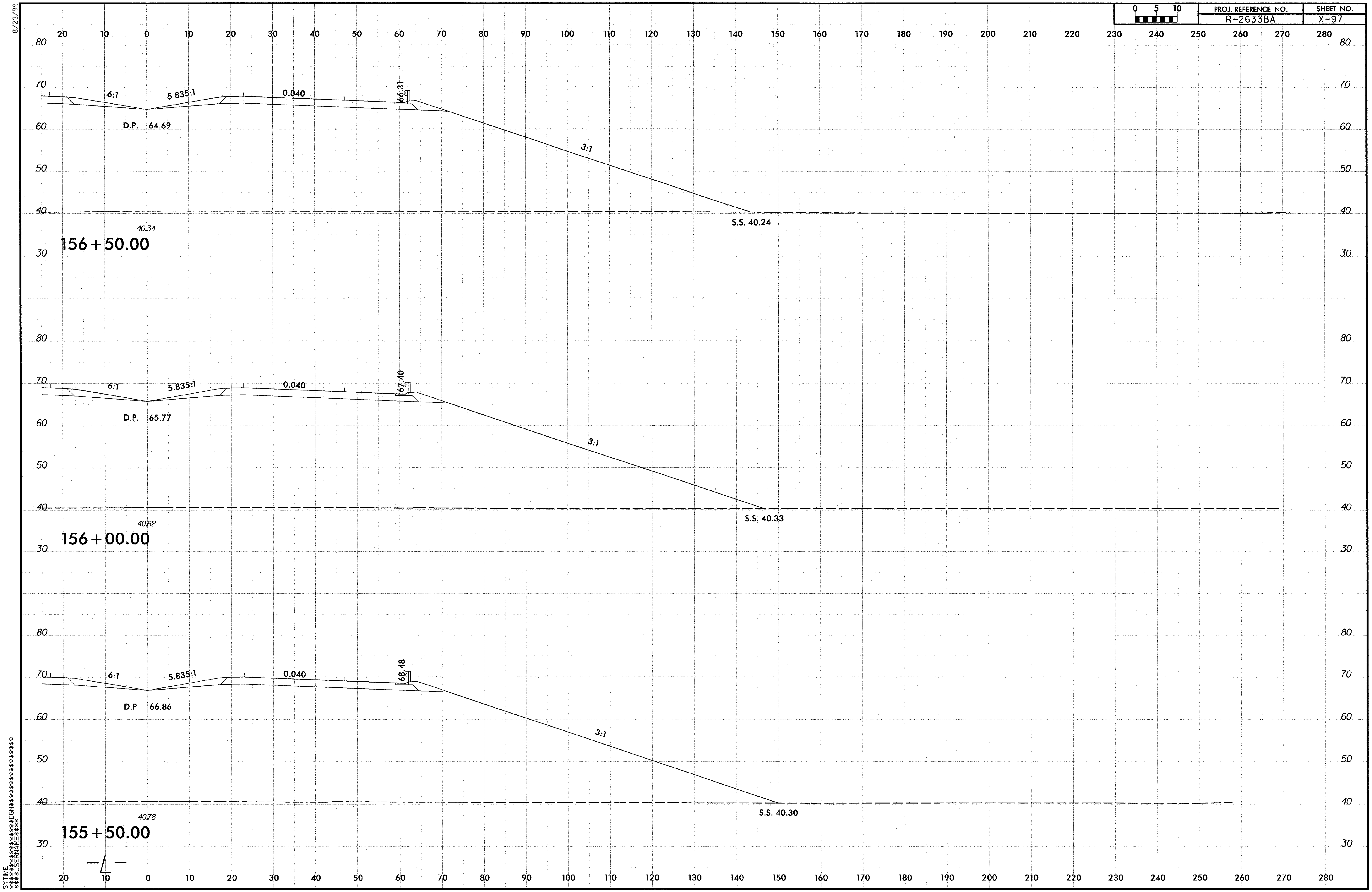


8/23/99

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:27:54 PM

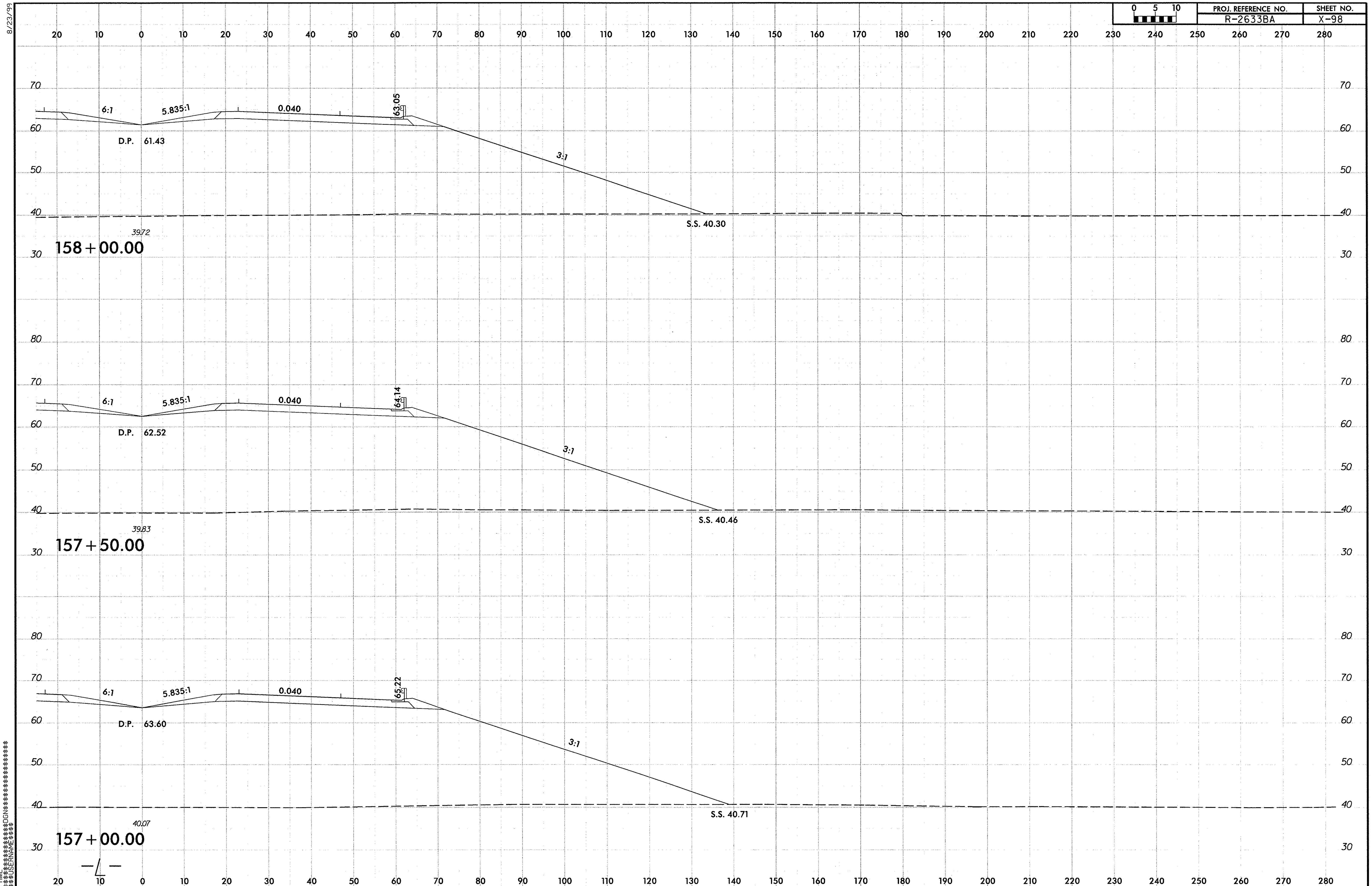

8/23/99
0 5 10
20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280
80
70
60
50
40
30
6:1
5.835:1
0.040
72.66
D.P. 71.04
3:1
S.S. 40.56
40.47
153 + 50.00
90
80
70
60
50
40
30
6:1
5.835:1
0.040
73.52
D.P. 71.90
3:1
S.S. 40.66
40.60
153 + 00.00
SYTIME
$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$

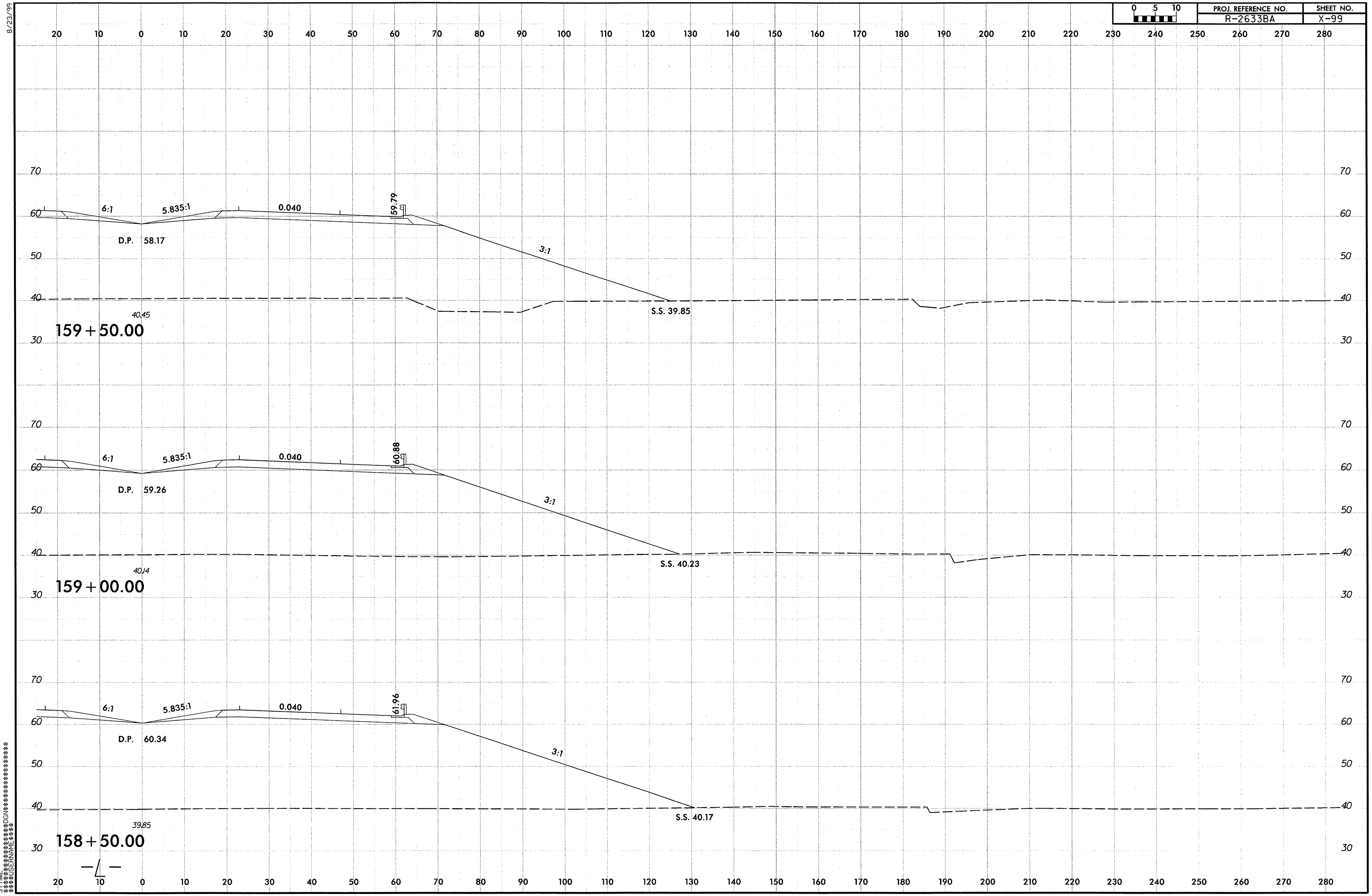

PROJ. REFERENCE NO.
R-2633BA
SHEET NO.
X-96
0 5 10
8/23/99
155+00.00
6:1
5.835:1
0.040
69.57
D.P. 67.95
3:1
S.S. 40.59
40.70
154+50.00
6:1
5.835:1
0.040
70.65
D.P. 69.03
3:1
S.S. 40.58
40.66
154+00.00
6:1
5.835:1
0.040
71.71
D.P. 70.09
3:1
S.S. 40.86
40.63
SYTIME
$$$$$$$$$$$$$$$$$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$$$$$$



R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:27:56 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-98

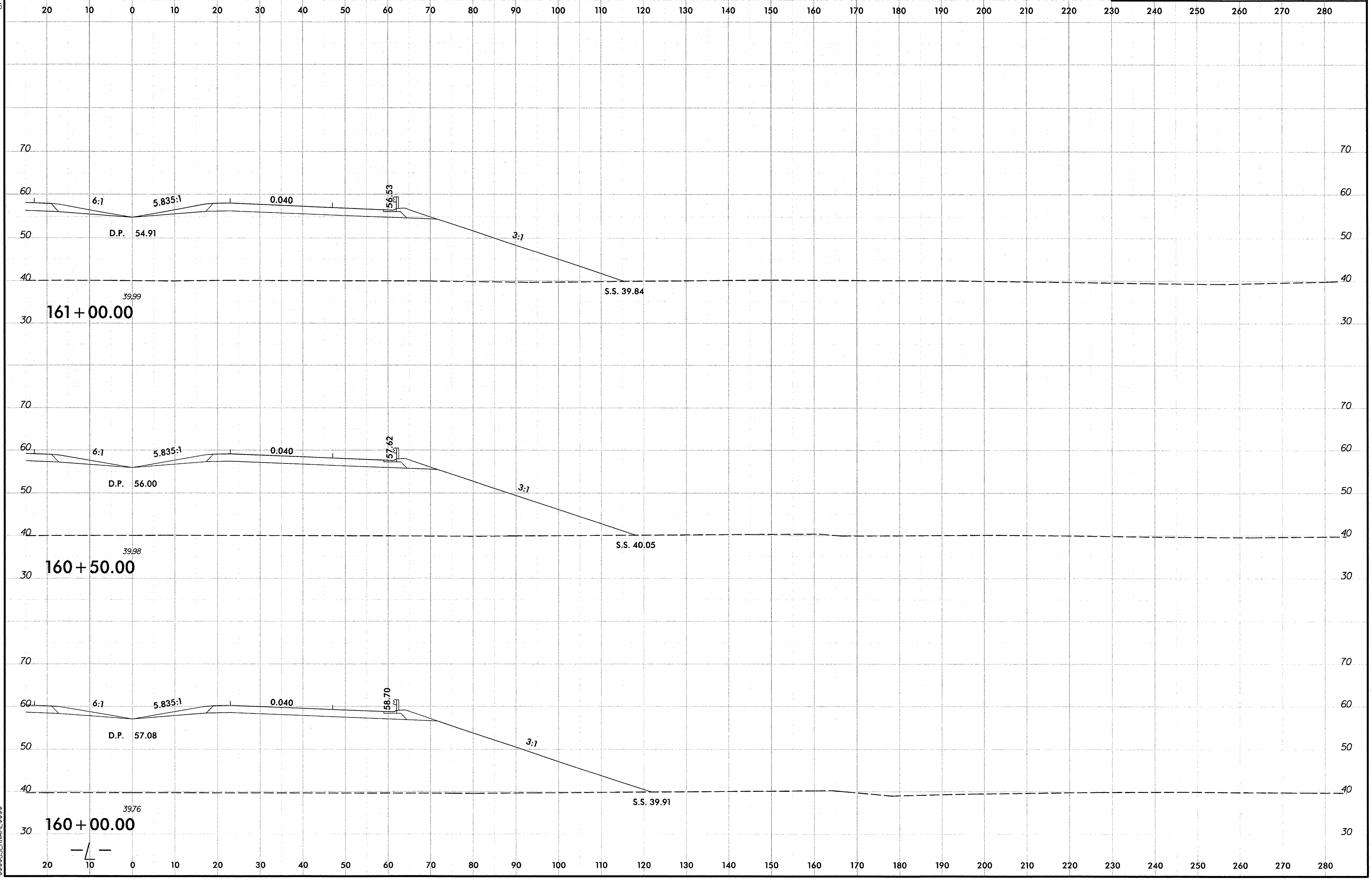




R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:27:58 PM

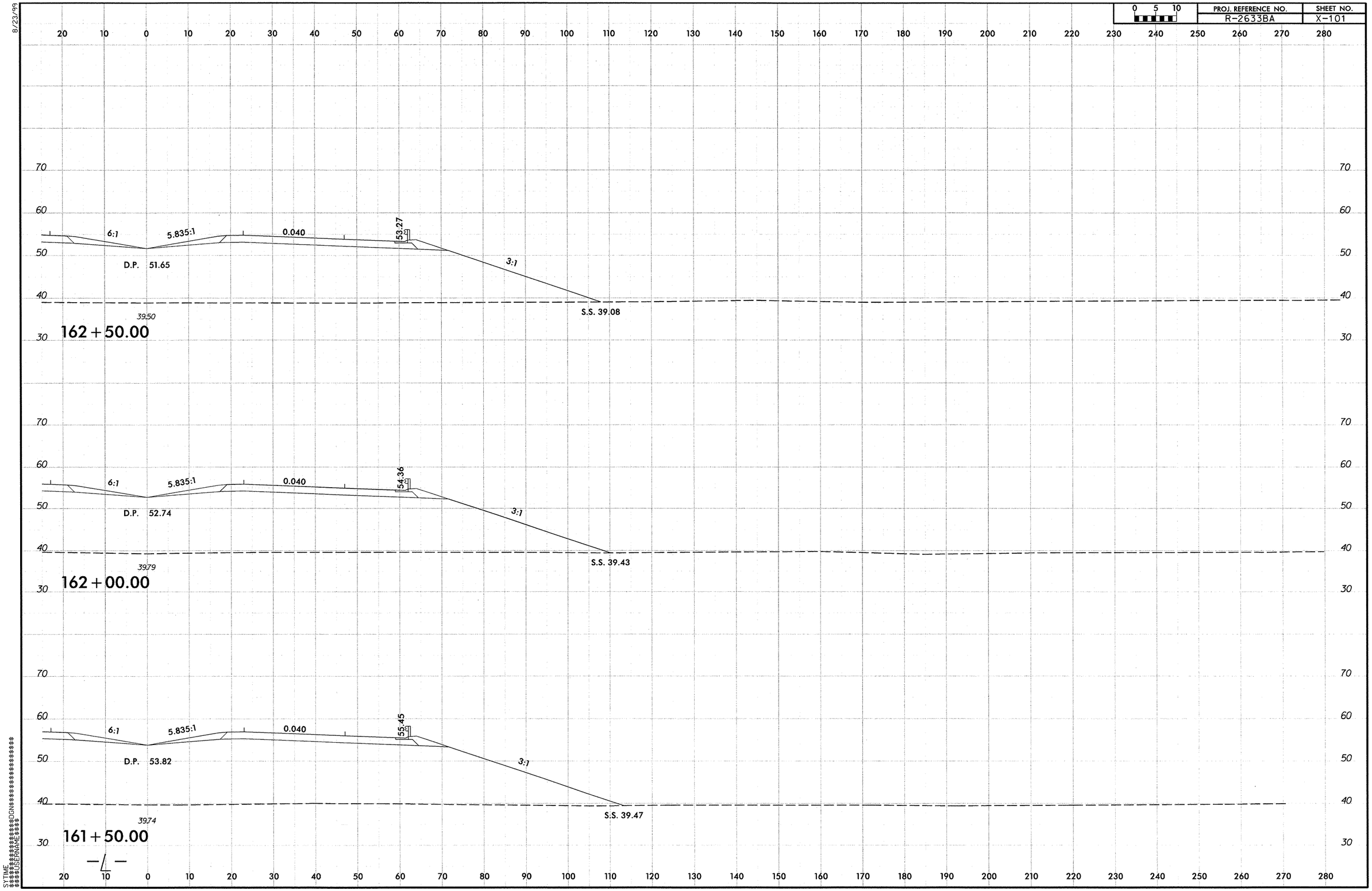
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-100



SYTIME $$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:27:58 PM



R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:06 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-102

20 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

60 50 40 30

6:1 5.835:1 0.040 3.12:1

D.P. 47.347

39.66

S.S. 39.366

164+50.00

60 50 40 30

6:1 5.835:1 0.040 3:1

D.P. 48.394

39.45

S.S. 39.185

164+00.00

60 50 40 30

6:1 5.835:1 0.040 3:1

D.P. 49.480

39.37

S.S. 38.877

163+50.00

60 50 40 30

6:1 5.835:1 0.040 52.19 3:1

D.P. 50.57

39.46

S.S. 38.65

163+00.00

—/—

20 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

SYTIME
DGN
SCALE
SER

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:07 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-103

20 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

50
40
30

6:1 5.921:1 0.030 4.08:1

D.P. 44.431

38.93

S.S. 38.921

166+50.00

50
40
30

6:1 5.856:1 0.038 3.98:1

D.P. 44.952

39.67

S.S. 39.099

166+00.00

60
50
40
30

6:1 5.835:1 0.040 3.85:1

D.P. 45.620

39.96

S.S. 39.456

165+50.00

60
50
40
30

6:1 5.835:1 0.040 3.43:1

D.P. 46.421

39.84

S.S. 39.301

165+00.00

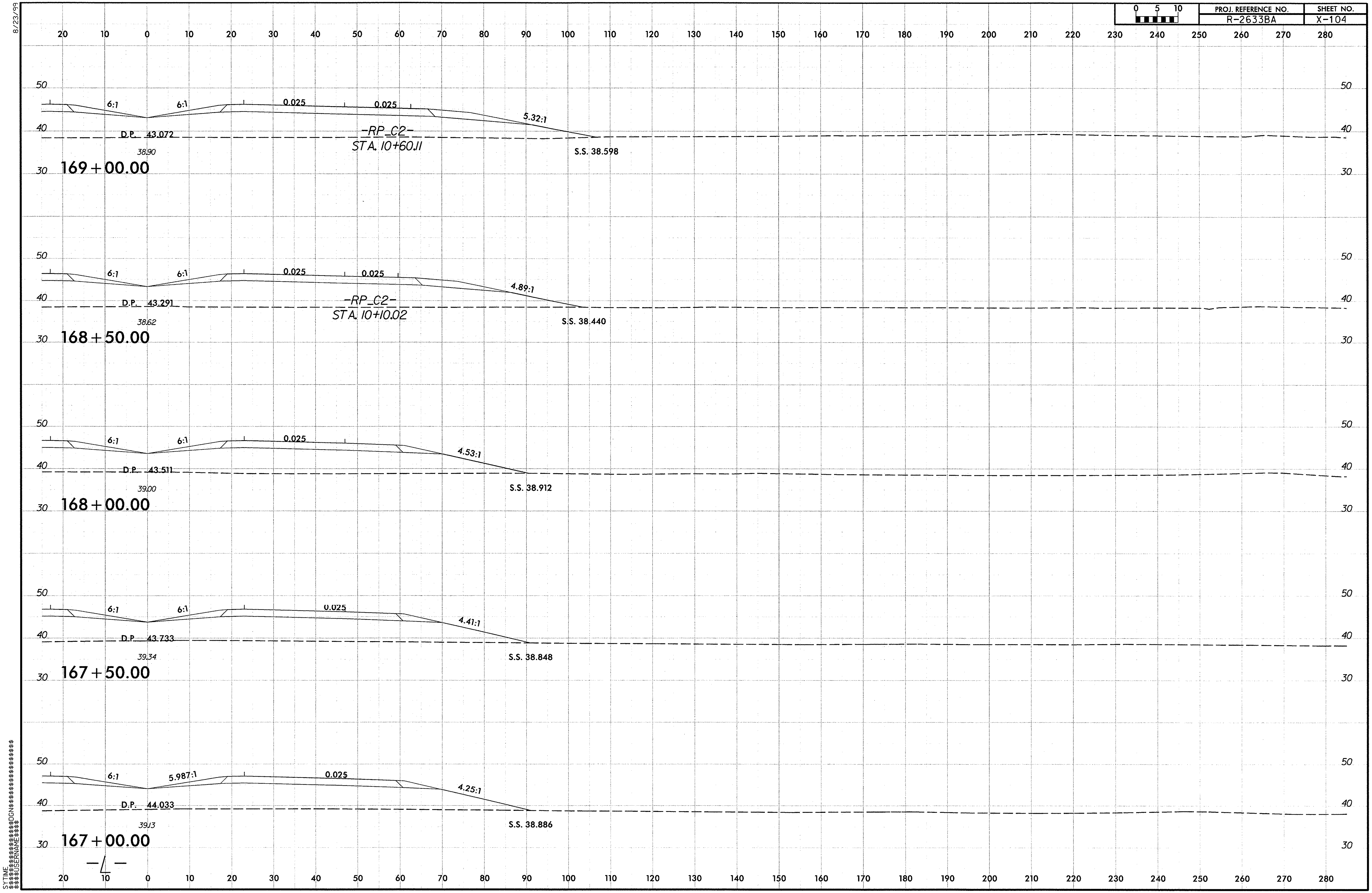
—℄—

20 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

SYTIME
SCENARIO

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:07 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-104



R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:08 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-105

20 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

50 / 40 / 30

6:1 6:1 0.025 0.026 0.027 6.02:1

D.P. 41.975

38.90

-RP_C2-

STA. 13+10.63

S.S. 38.248

171+50.00

6:1 6:1 0.025 0.025 0.025 6.01:1

D.P. 42.194

38.66

-RP_C2-

STA. 12+60.49

S.S. 38.539

171+00.00

6:1 6:1 0.025 0.025 0.025 6.01:1

D.P. 42.414

38.54

-RP_C2-

STA. 12+10.39

S.S. 38.638

170+50.00

6:1 6:1 0.025 0.025 0.025 6.01:1

D.P. 42.633

38.75

-RP_C2-

STA. 11+60.30

S.S. 38.987

170+00.00

6:1 6:1 0.025 0.025 0.025 5.62:1

D.P. 42.853

38.89

-RP_C2-

STA. 11+10.21

S.S. 38.607

169+50.00

-℄-

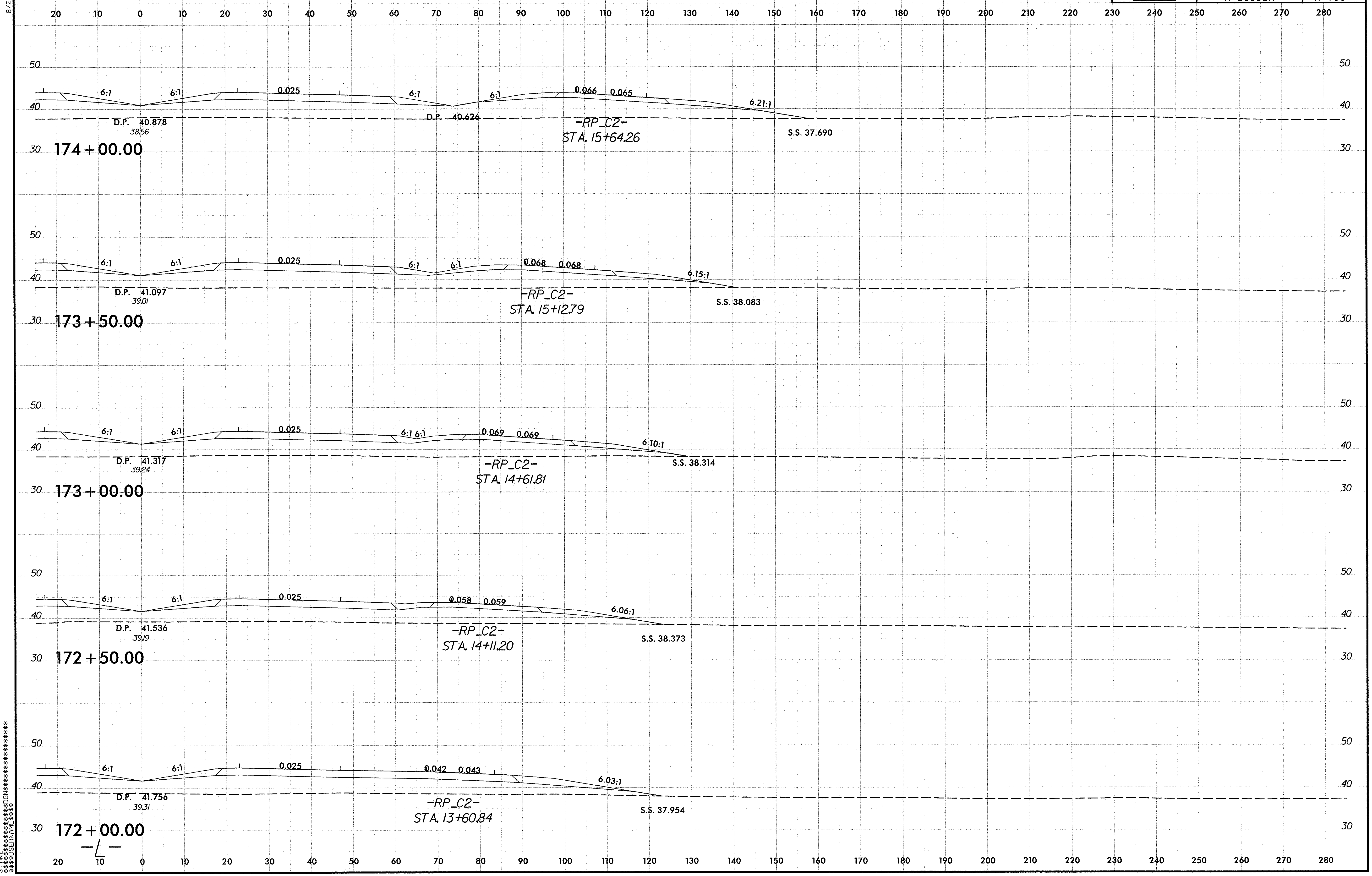
20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

SYTIME
SELENGINEERED

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:08 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-106

8/23/99



$$$$SYTIME$$$$
$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:09 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-107

20 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

50 / 40 / 30

6:1 6:1 0.025 6:1

D.P. 39.781
37.48

S.S. 36.614

176+50.00

6:1 6:1 0.025 6:1 3:1

D.P. 40.001
37.62

176+00.00

6:1 6:1 0.025 6:1 6:1 0.055 0.055 4.41:1

D.P. 40.220
38.01

D.P. 37.355

-RP_C2-
STA. 17+22.74

S.S. 36.978

175+50.00

6:1 6:1 0.025 6:1 6:1 0.059 0.059 5.41:1

D.P. 40.439
37.93

D.P. 38.497

-RP_C2-
STA. 16+69.10

S.S. 37.192

175+00.00

6:1 6:1 0.025 6:1 6:1 0.063 0.063 6.29:1

D.P. 40.659
37.96

D.P. 39.589

-RP_C2-
STA. 16+16.32

S.S. 37.360

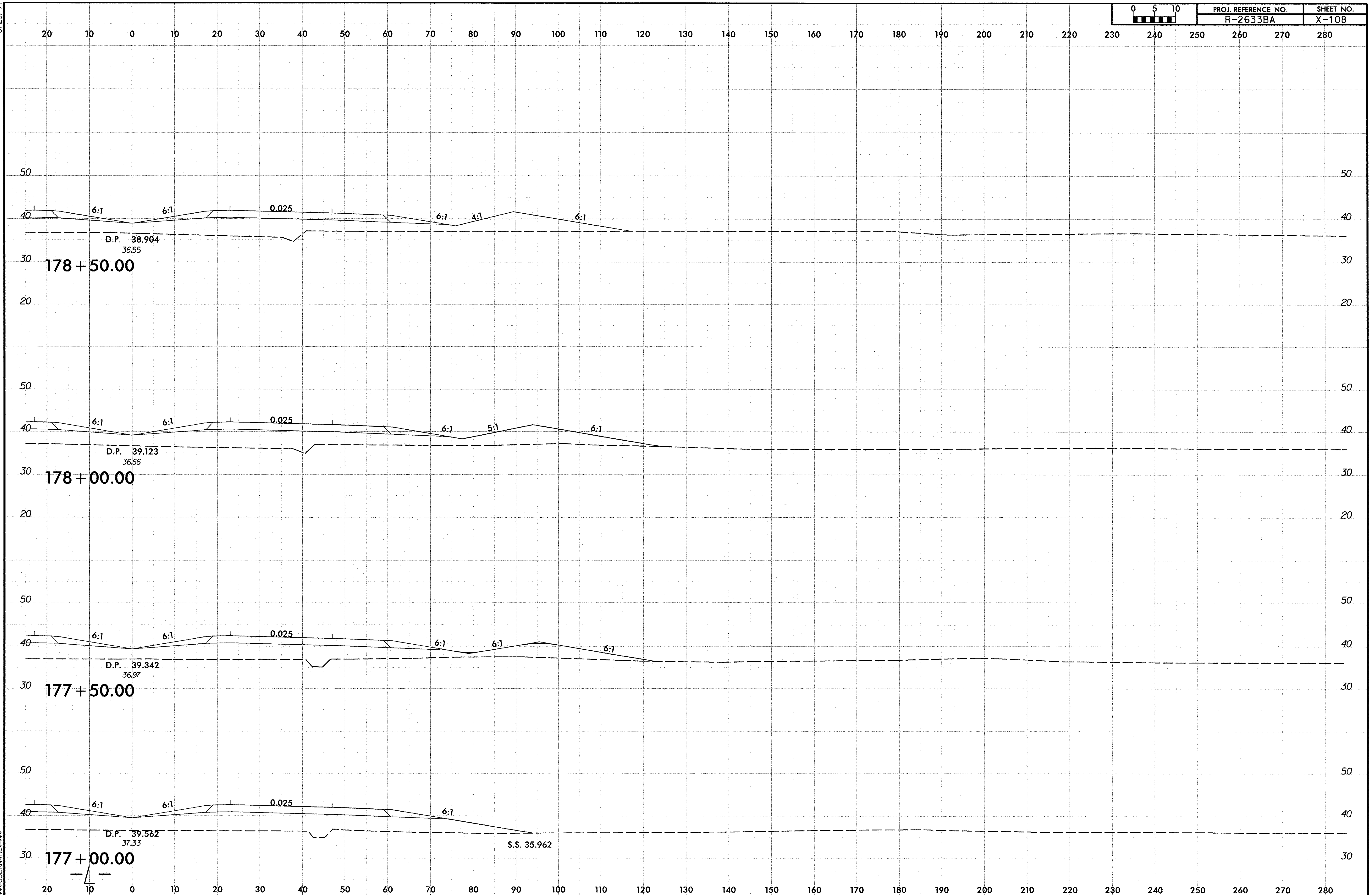
174+50.00
—L—

$YTIME
$$$$DGN$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:10 PM

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-108



$$$$$$SYTIME$$$$$$$$$$$$$$$USERNAME$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-109

20 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

50
40
30
20

6:1 6:1 0.025 2.5:1 4:1

D.P. 38.026
35.86

180+50.00

50
40
30
20

6:1 6:1 0.025 6:1 3:1 4:1

D.P. 38.246
36.31

180+00.00

50
40
30
20

6:1 6:1 0.025 6:1 3:1 4:1

D.P. 38.465
36.57

179+50.00

50
40
30
20

6:1 6:1 0.025 6:1 3.5:1 5:1

D.P. 38.684
36.60

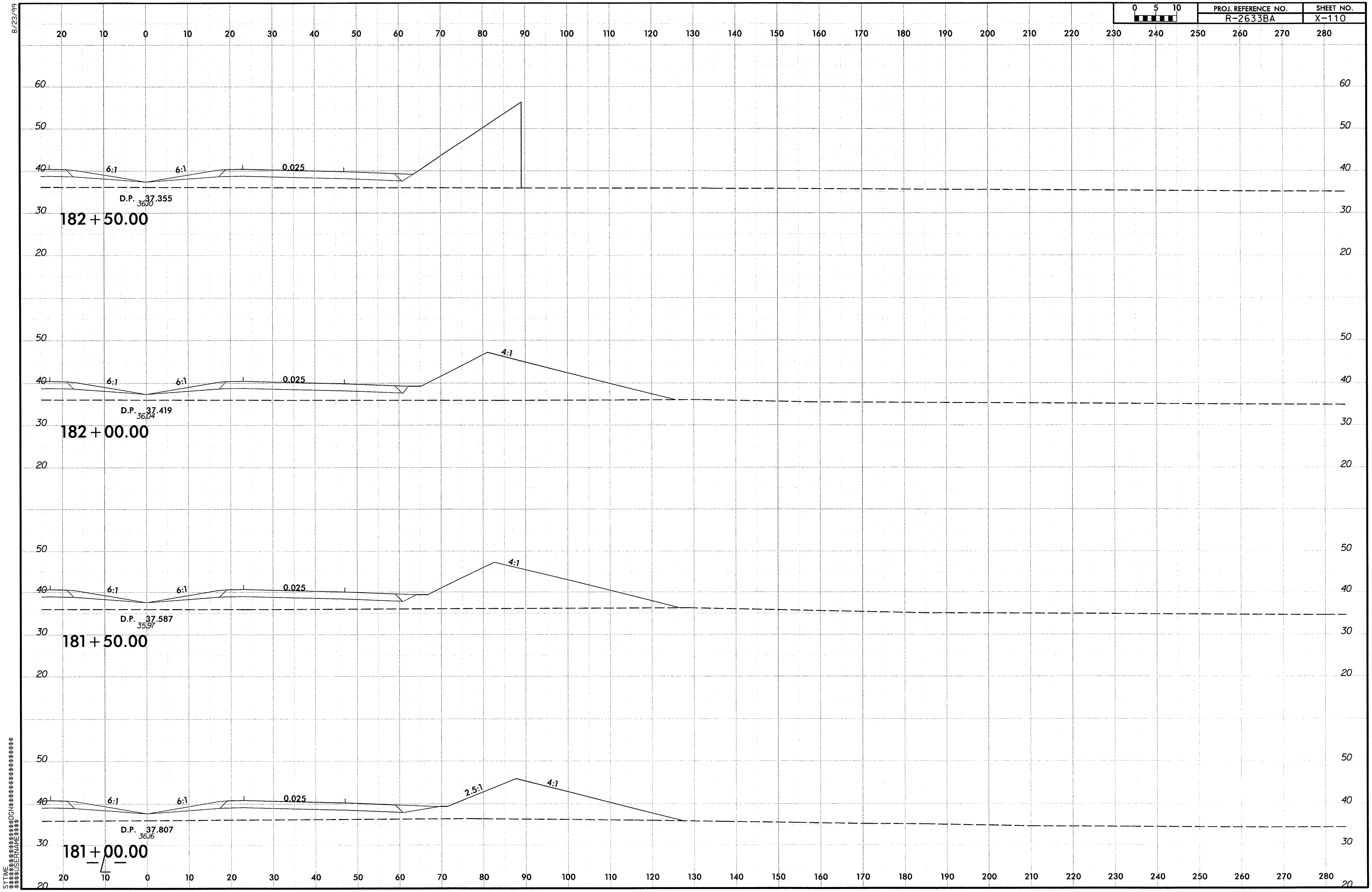
179+00.00

20 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

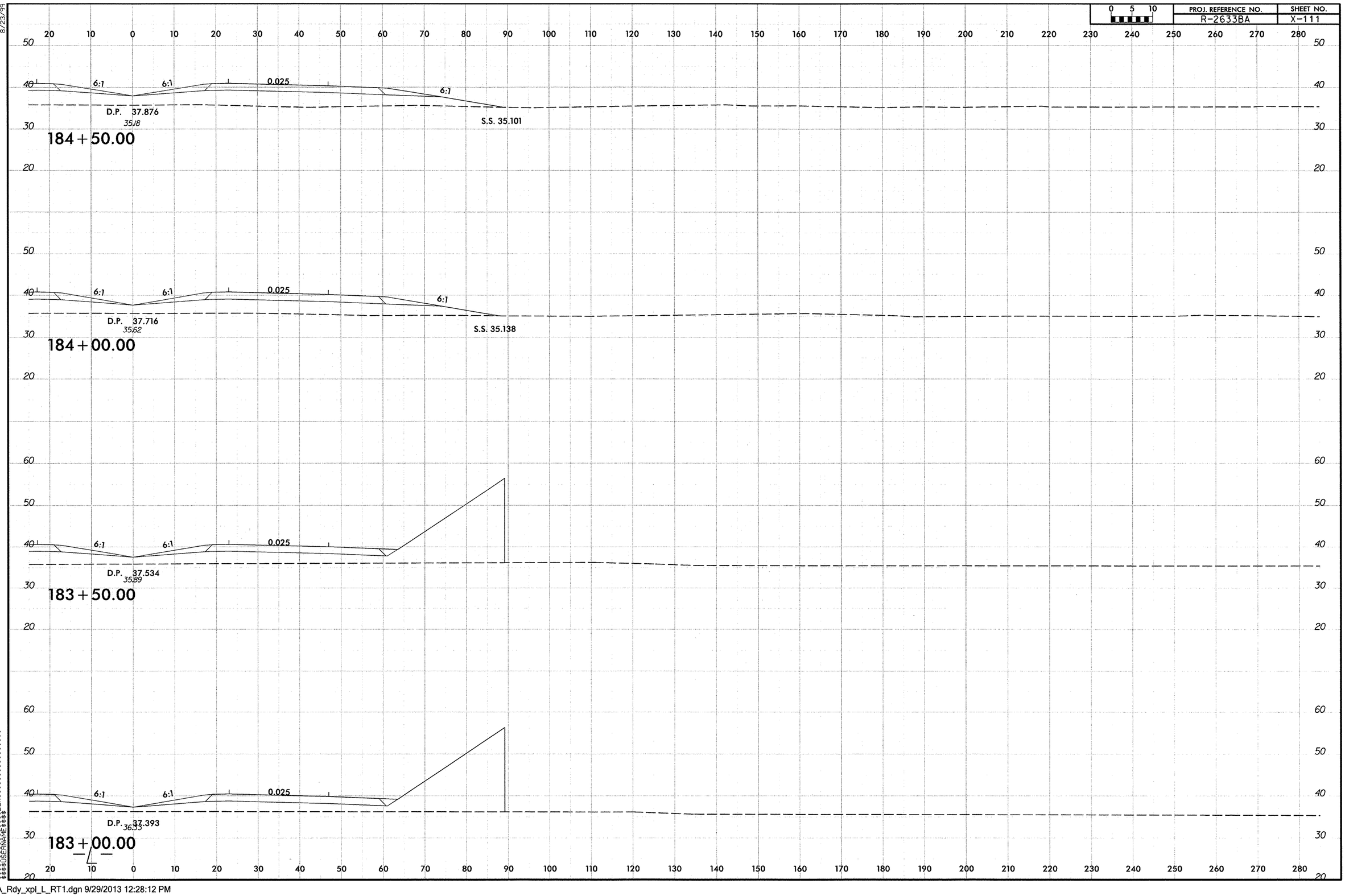
SYTIME
SHEET_NUMBER

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:11 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-110

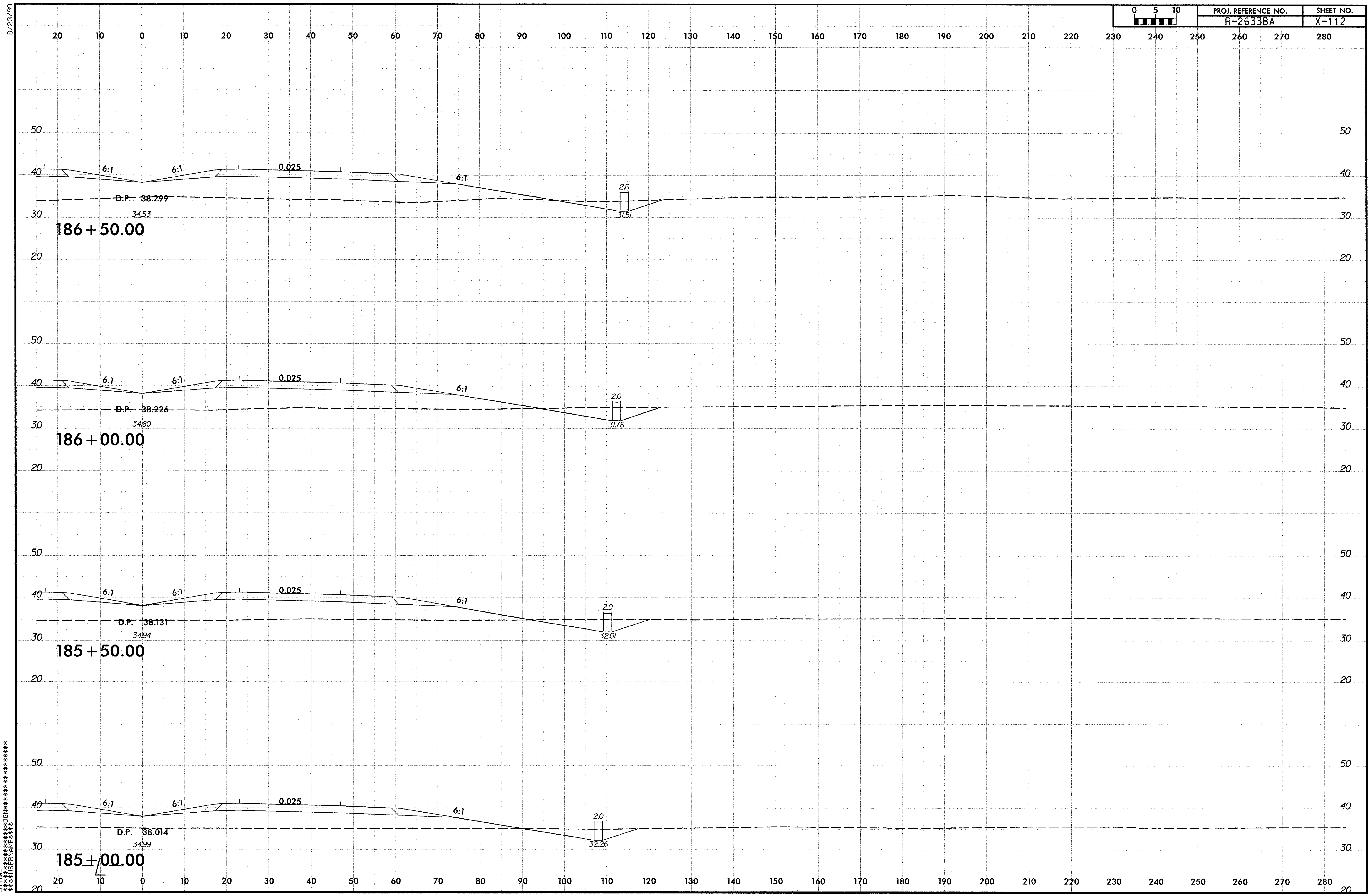


R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:12 PM

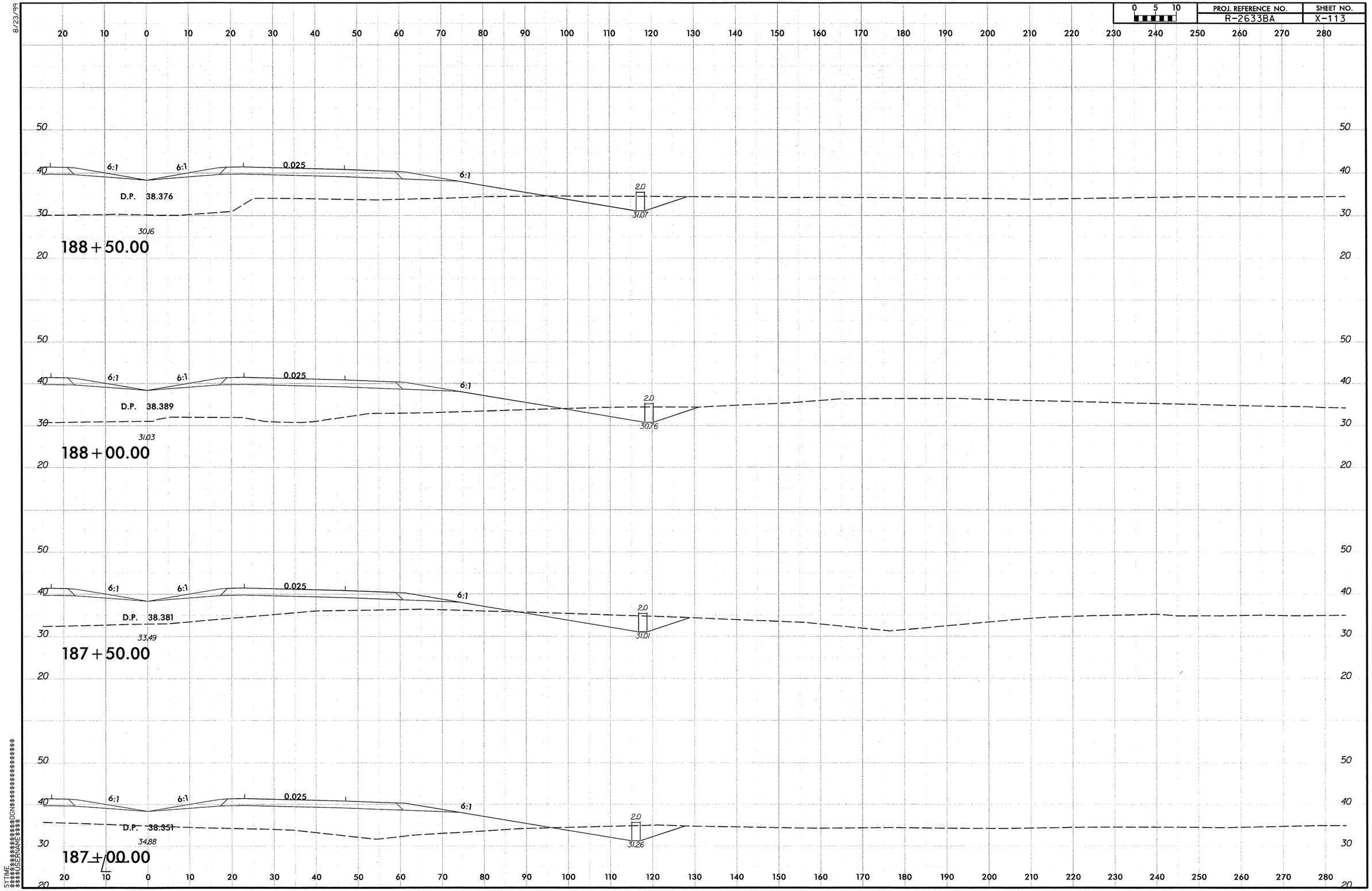


8/23/99

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:12 PM



R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:13 PM



8/23/99

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:13 PM

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-114

0 5 10

20 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

50 40 30 20

6:1 6:1 0.025 6:1 6:1 0.049 0.049 4.15:1

D.P. 38.106

30.77

190+50.00

D.P. 34.412

-RP_D2-
STA. 17+53.28

S.S. 32.342

6:1 6:1 0.025 6:1 2.0

D.P. 38.206

30.68

32.00

190+00.00

6:1 6:1 0.025 6:1 2.0

D.P. 38.285

30.93

31.69

189+50.00

6:1 6:1 0.025 6:1 2.0

D.P. 38.341

30.74

31.38

189+00.00

—/—

$XTIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$$$$$$$$$$$$$$$USERNAME$$$$$$$$$$$$$$$$$$$$

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:14 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-115

20 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

50 40 30 20

6:1 6:1 0.025 6:1 6:1 0.058 0.058 6.15:1

D.P. 37.490 D.P. 37.357

32.24

192+50.00

-RP_D2-
STA. 15+45.39

S.S. 32.035

6:1 6:1 0.025 6:1 6:1 0.056 0.056 6.19:1

D.P. 37.677 D.P. 36.626

32.21

192+00.00

-RP_D2-
STA. 15+96.79

S.S. 32.146

6:1 6:1 0.025 6:1 6:1 0.054 0.054 5.58:1

D.P. 37.842 D.P. 35.917

32.01

191+50.00

-RP_D2-
STA. 16+48.54

S.S. 31.909

6:1 6:1 0.025 6:1 6:1 0.052 0.052 4.97:1

D.P. 37.985 D.P. 35.148

31.73

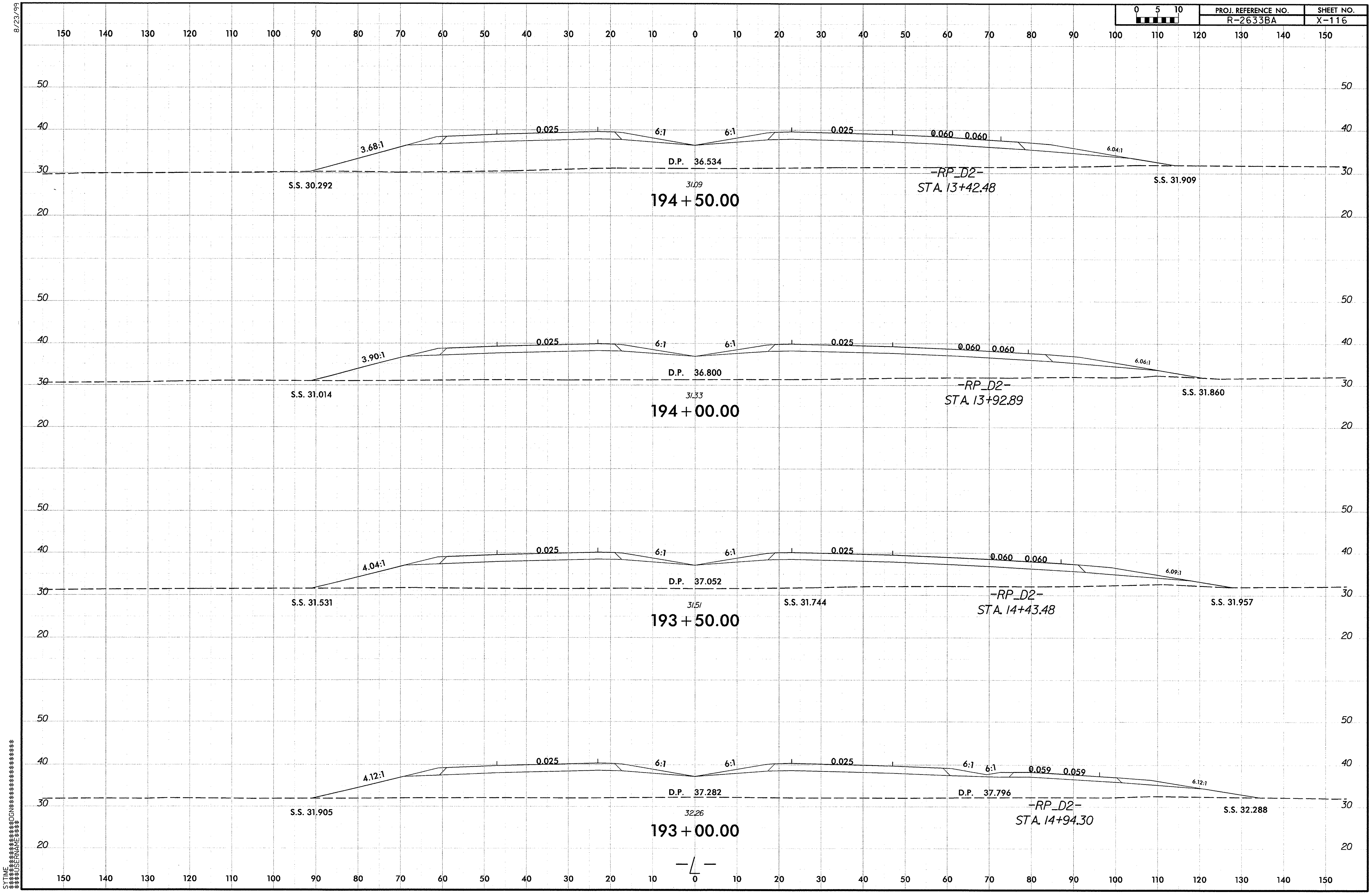
191+00.00

-RP_D2-
STA. 17+00.69

S.S. 32.063

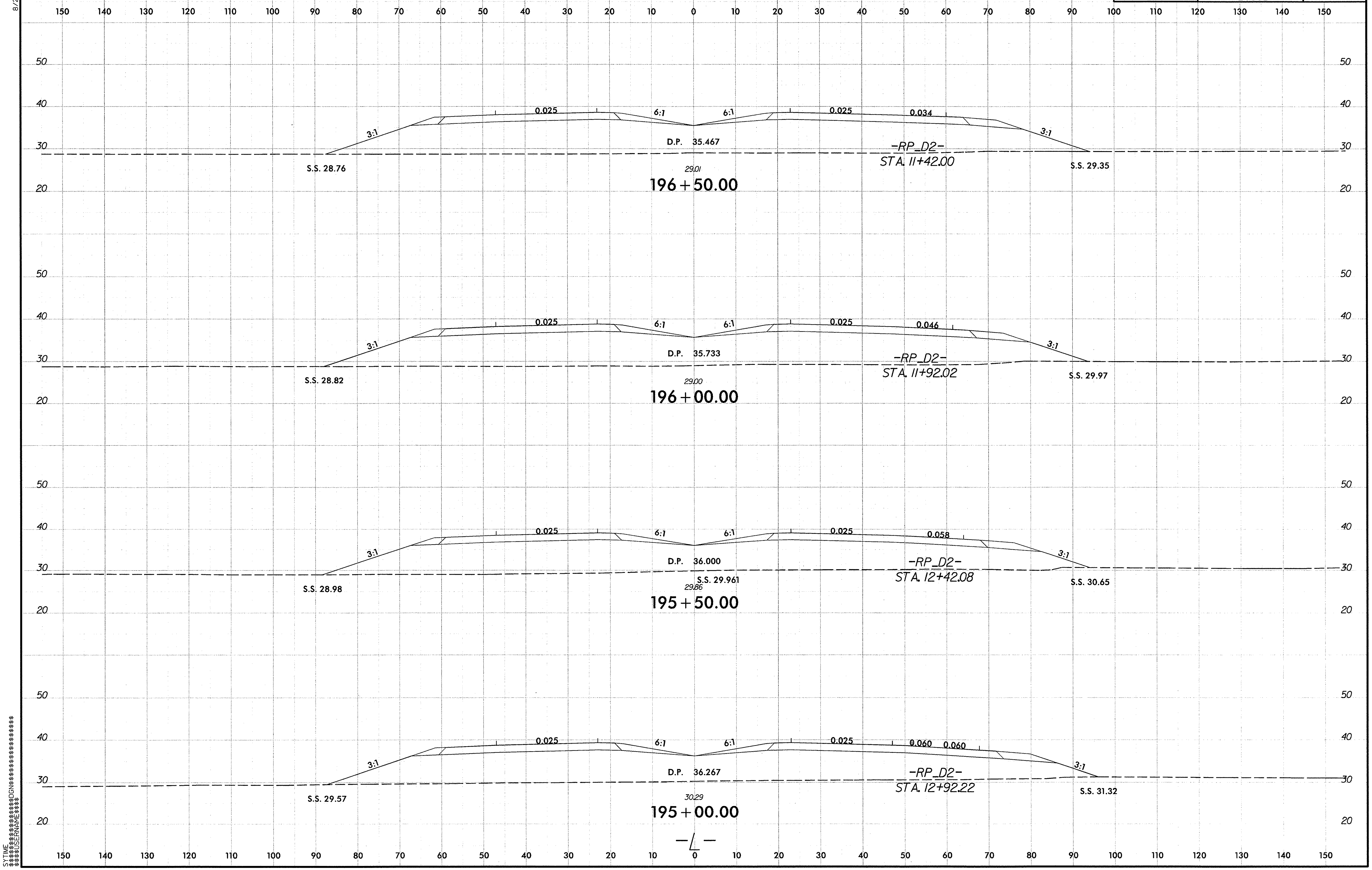
$TIME
$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$$$$$$$$$$$$$

R-2633BA_Rdy_xpl_L_RT1.dgn 9/29/2013 12:28:15 PM



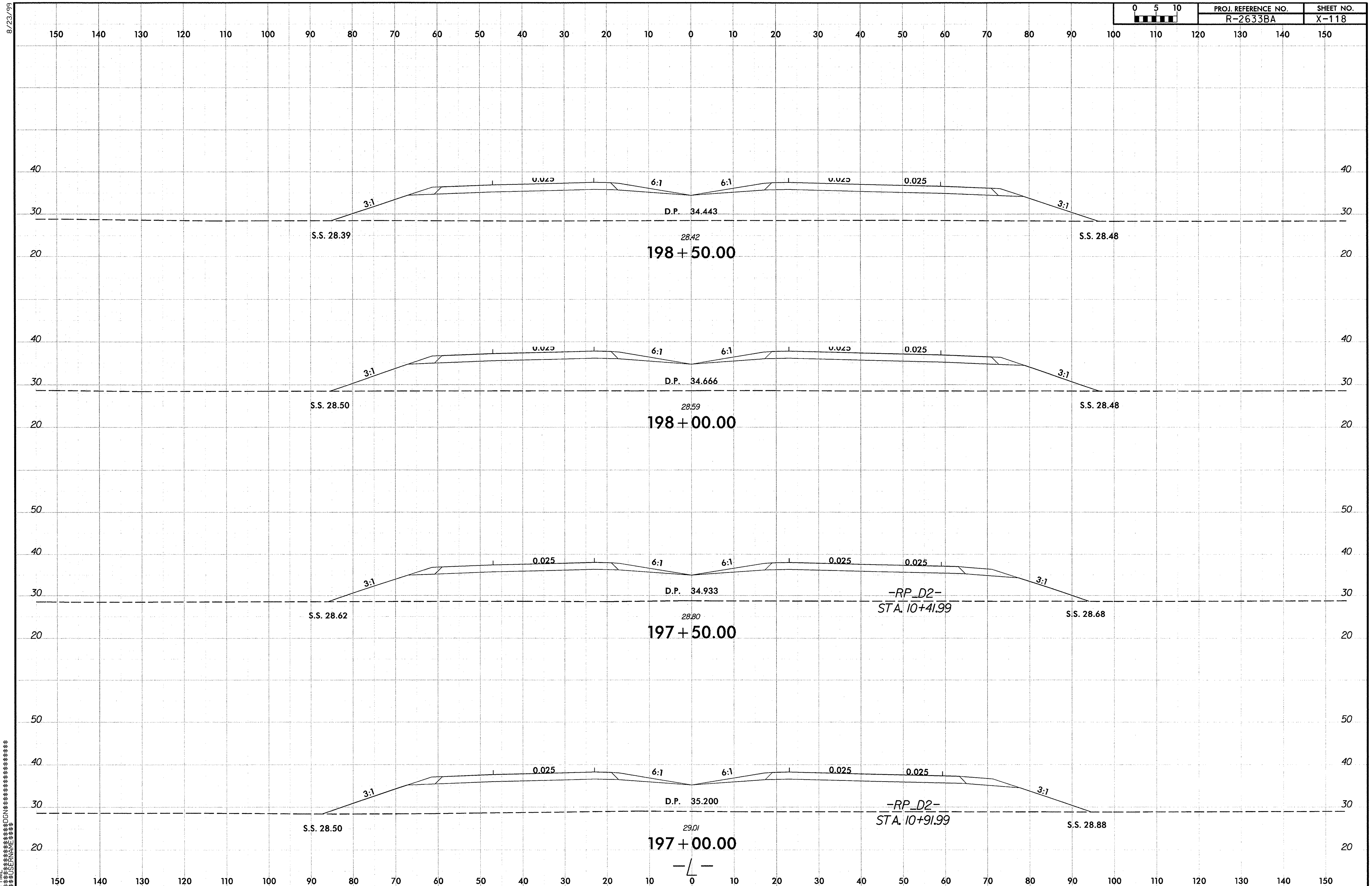
R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:16 PM

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-117

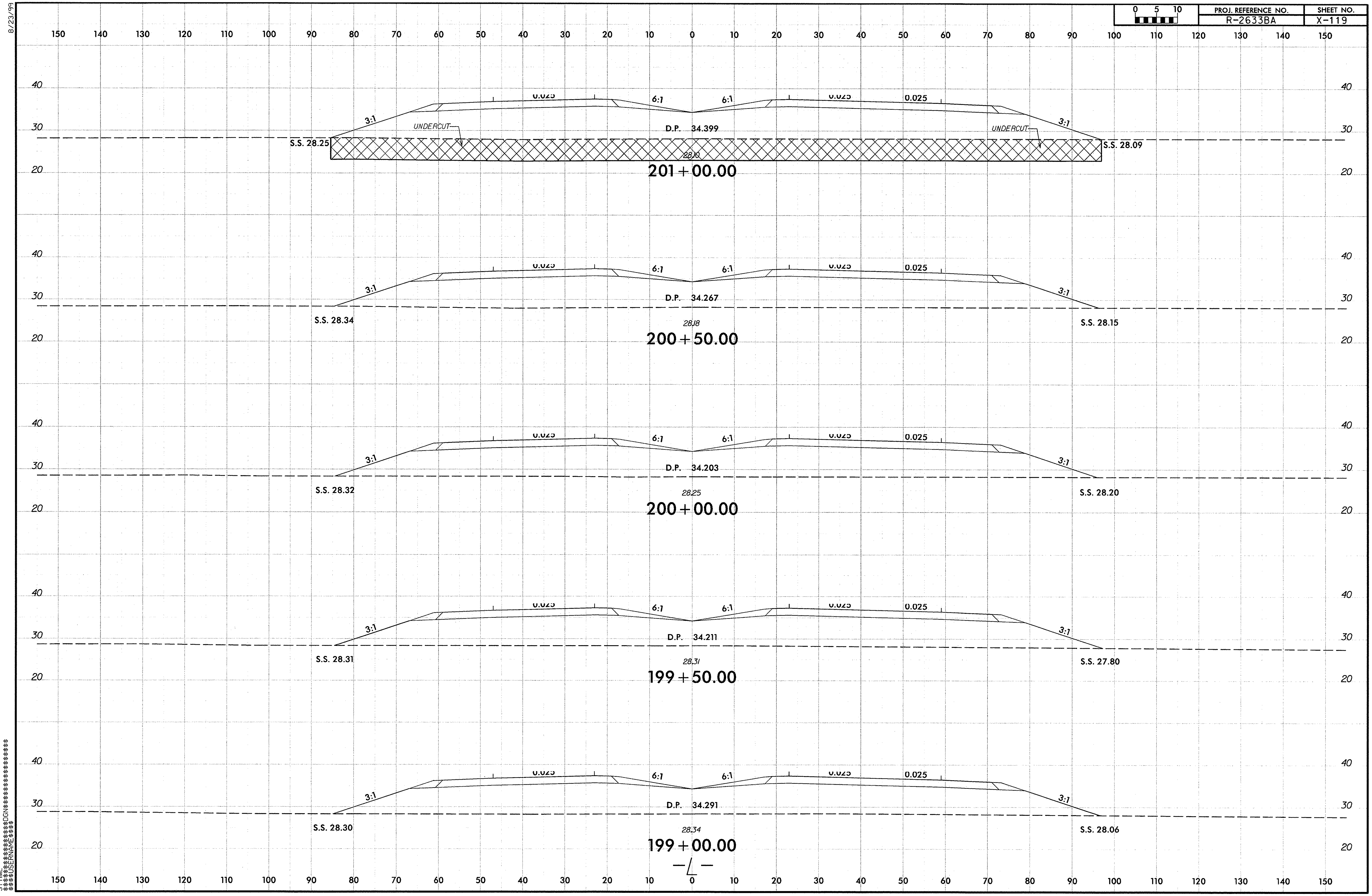


R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:17 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-118



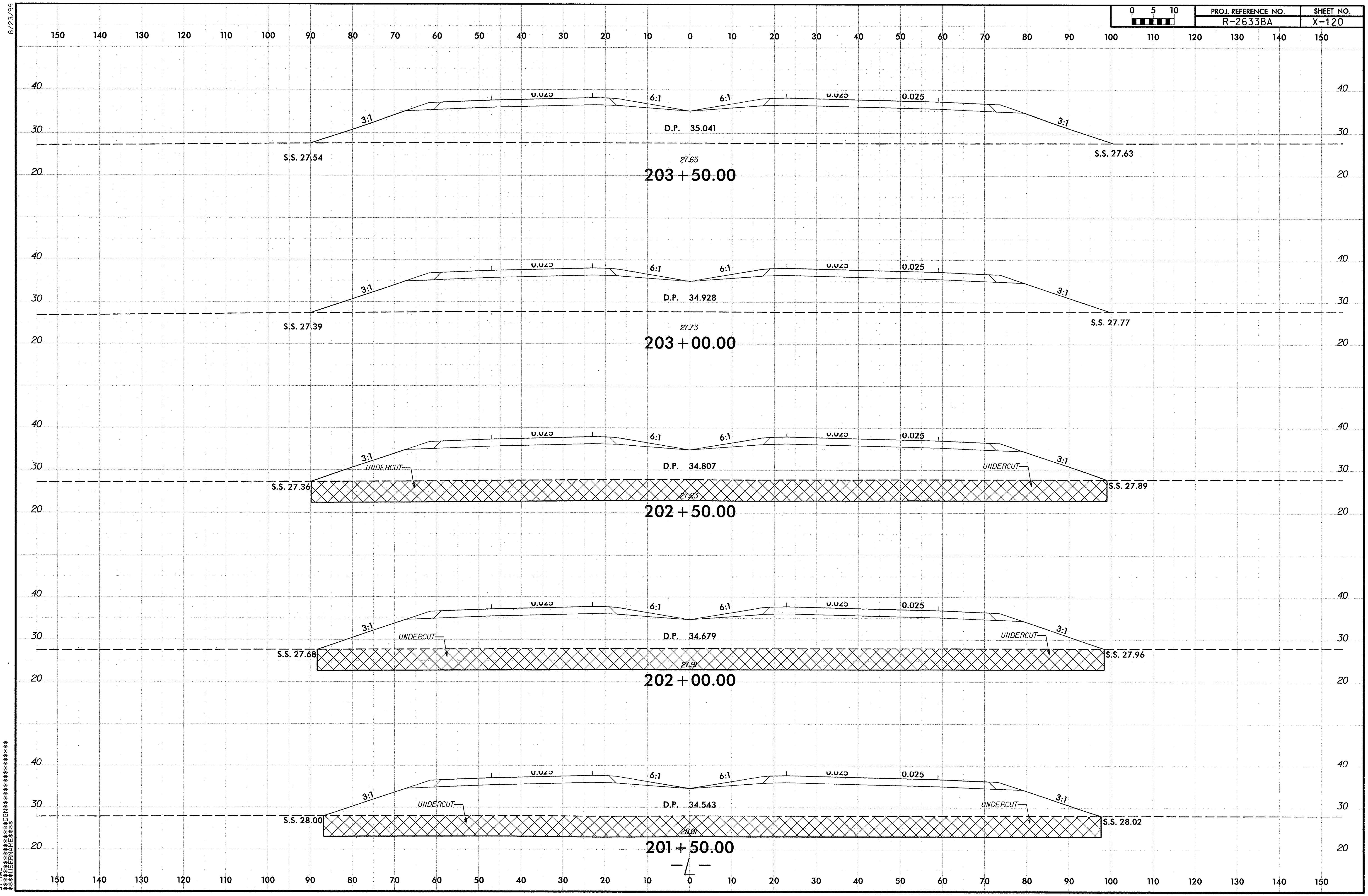
8/23/99



SYTIME
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:19 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-120



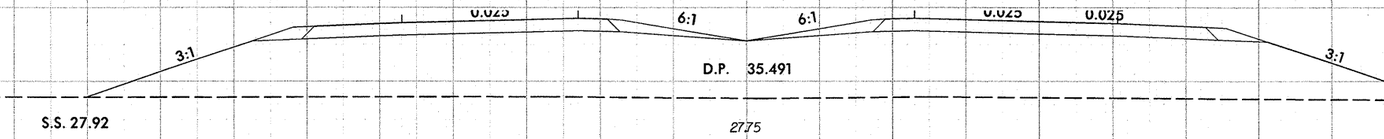
R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:19 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-121

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

40 30 20



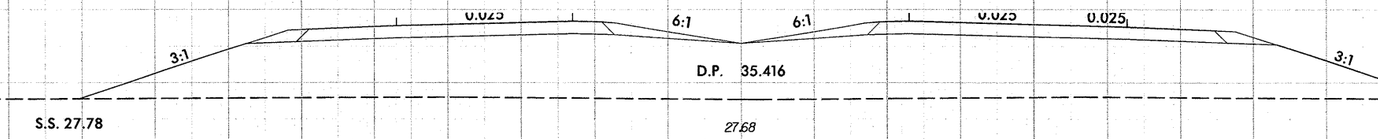
D.P. 35.491

S.S. 27.92

S.S. 27.51

27.75

206+00.00



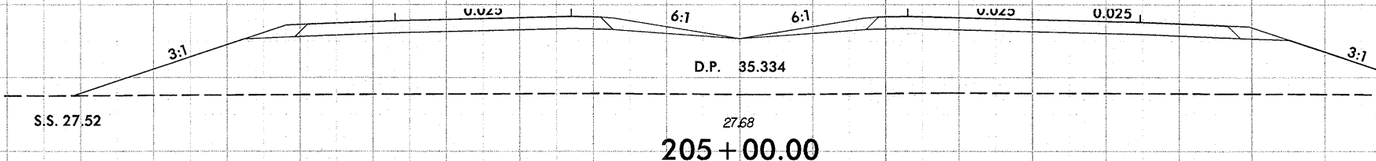
D.P. 35.416

S.S. 27.78

S.S. 27.76

27.68

205+50.00



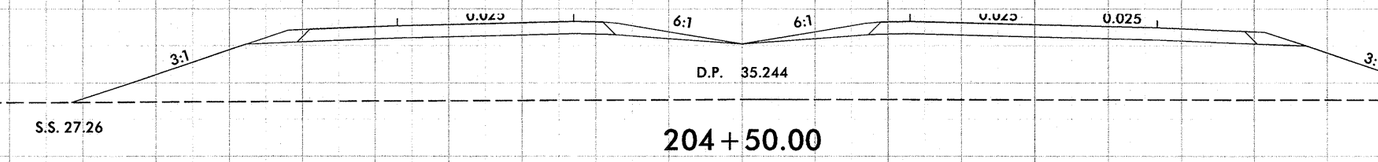
D.P. 35.334

S.S. 27.52

S.S. 27.63

27.68

205+00.00

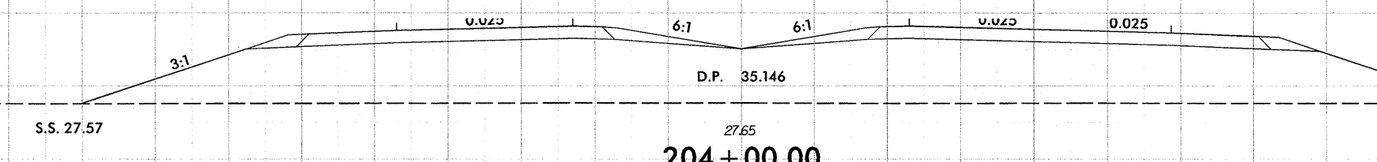


D.P. 35.244

S.S. 27.26

S.S. 27.58

204+50.00



D.P. 35.146

S.S. 27.57

S.S. 28.48

27.65

204+00.00

—L—

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

$XTIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$$$$$$$$$$$$$$$USERNAME$$$$$$$$$$$$$$$$$$$$

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:20 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-122

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

40 30 20

0.025 6:1 6:1 0.025 3:1 3:1

D.P. 35.748

S.S. 28.00 S.S. 27.73

208+50.00

40 30 20

0.025 6:1 6:1 0.025 3:1 3:1

D.P. 35.712

S.S. 28.15 S.S. 27.65

27.95

208+00.00

40 30 20

0.025 6:1 6:1 0.025 3:1 3:1

D.P. 35.668

S.S. 28.03 S.S. 27.60

27.96

207+50.00

40 30 20

0.025 6:1 6:1 0.025 3:1 3:1

D.P. 35.617

S.S. 27.99 S.S. 27.82

27.88

207+00.00

40 30 20

0.025 0.025 6:1 6:1 0.025 3:1 3:1

D.P. 35.558

S.S. 27.95 S.S. 27.28

27.82

206+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

SYTIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:21 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-123

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

40 30 20

0.025 3:1 6:1 6:1 0.025 3:1

D.P. 35.814

S.S. 27.597 S.S. 27.77

27.54

211+00.00

40 30 20

0.025 3:1 6:1 6:1 0.025 3:1

D.P. 35.816

S.S. 27.85 S.S. 27.83

27.67

210+50.00

40 30 20

0.025 3:1 6:1 6:1 0.025 3:1

D.P. 35.811

S.S. 28.10 S.S. 27.63

27.80

210+00.00

40 30 20

0.025 3:1 6:1 6:1 0.025 3:1

D.P. 35.798

S.S. 28.31 S.S. 27.87

27.93

209+50.00

40 30 20

0.025 3:1 6:1 6:1 0.025 3:1

D.P. 35.777

S.S. 27.78 S.S. 27.82

27.94

209+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

$TIME
$USERNAME
$DGN

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:22 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-124

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

40 30 20

0.025 6:1 6:1 0.025 3:1 3:1

D.P. 35.686

S.S. 27.356 S.S. 27.70

27.72

213+50.00

40 30 20

0.025 6:1 6:1 0.025 3:1 3:1

D.P. 35.727

S.S. 26.889 S.S. 27.71

27.63

213+00.00

40 30 20

0.025 6:1 6:1 0.025 3:1 3:1

D.P. 35.760

S.S. 26.509 S.S. 27.71

27.57

212+50.00

40 30 20

0.025 6:1 6:1 0.025 3:1 3:1

D.P. 35.786

S.S. 27.506 S.S. 27.72

27.48

212+00.00

40 30 20

0.025 6:1 6:1 0.025 3:1 3:1

D.P. 35.803

S.S. 27.350 S.S. 27.726

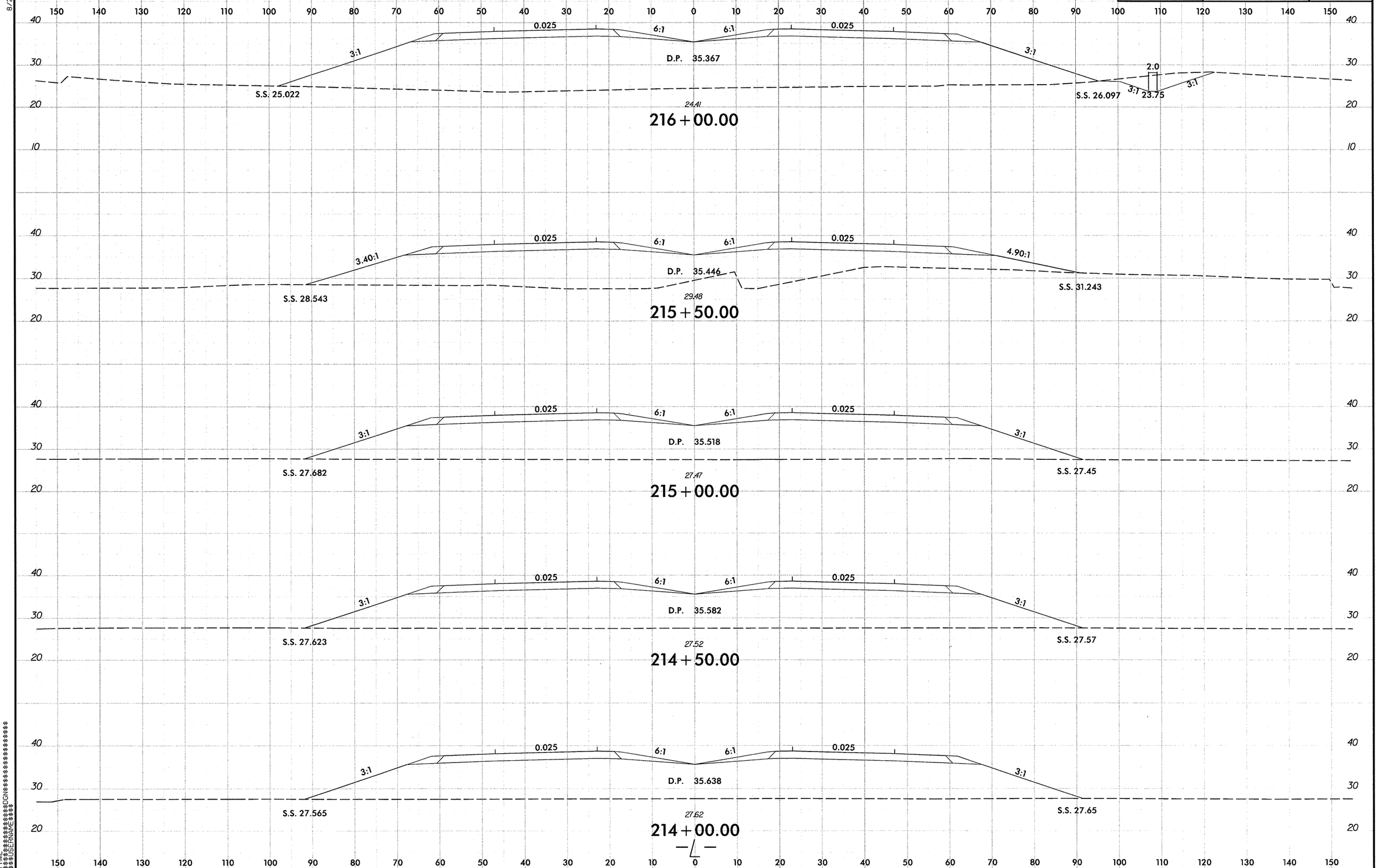
27.42

211+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

SYTIME
$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:22 PM



R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:23 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-126

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

40 30 20

0.025 6:1 6:1 0.025 3.23:1 3.04:1 2.0 3:1 3:1 24.22 S.S. 27.477 S.S. 26.898 24.50 3:1 3:1 2.0

D.P. 34.855

27.63

218+50.00

0.025 6:1 6:1 0.025 3.24:1 3.08:1 2.0 3:1 3:1 24.07 S.S. 27.617 S.S. 27.129 24.35 3:1 3:1 2.0

D.P. 34.972

27.59

218+00.00

0.025 6:1 6:1 0.025 3.22:1 3.12:1 2.0 3:1 3:1 23.92 S.S. 27.680 S.S. 27.360 24.20 3:1 3:1 2.0

D.P. 35.083

27.55

217+50.00

0.025 6:1 6:1 0.025 3:1 3:1 2.0 3:1 3:1 23.77 S.S. 27.104 S.S. 27.134 24.05 3:1 3:1 2.0

D.P. 35.185

27.45

217+00.00

0.025 6:1 6:1 0.025 3:1 3.01:1 2.0 3:1 3:1 23.62 S.S. 26.535 S.S. 27.237 23.90 3:1 3:1 2.0

D.P. 35.280

27.39

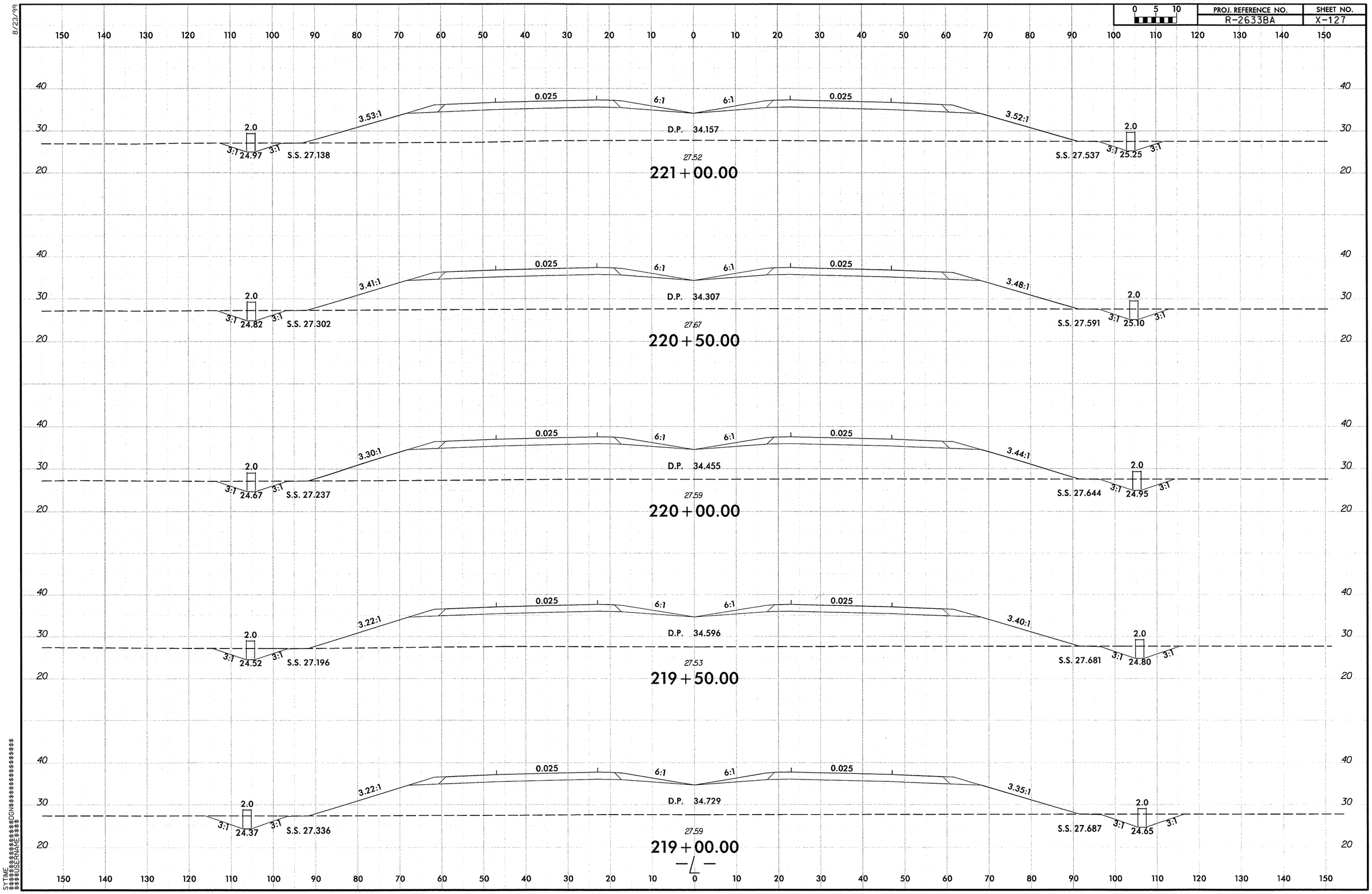
216+50.00

$TIME$DGN$USERNAME$

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:24 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-127

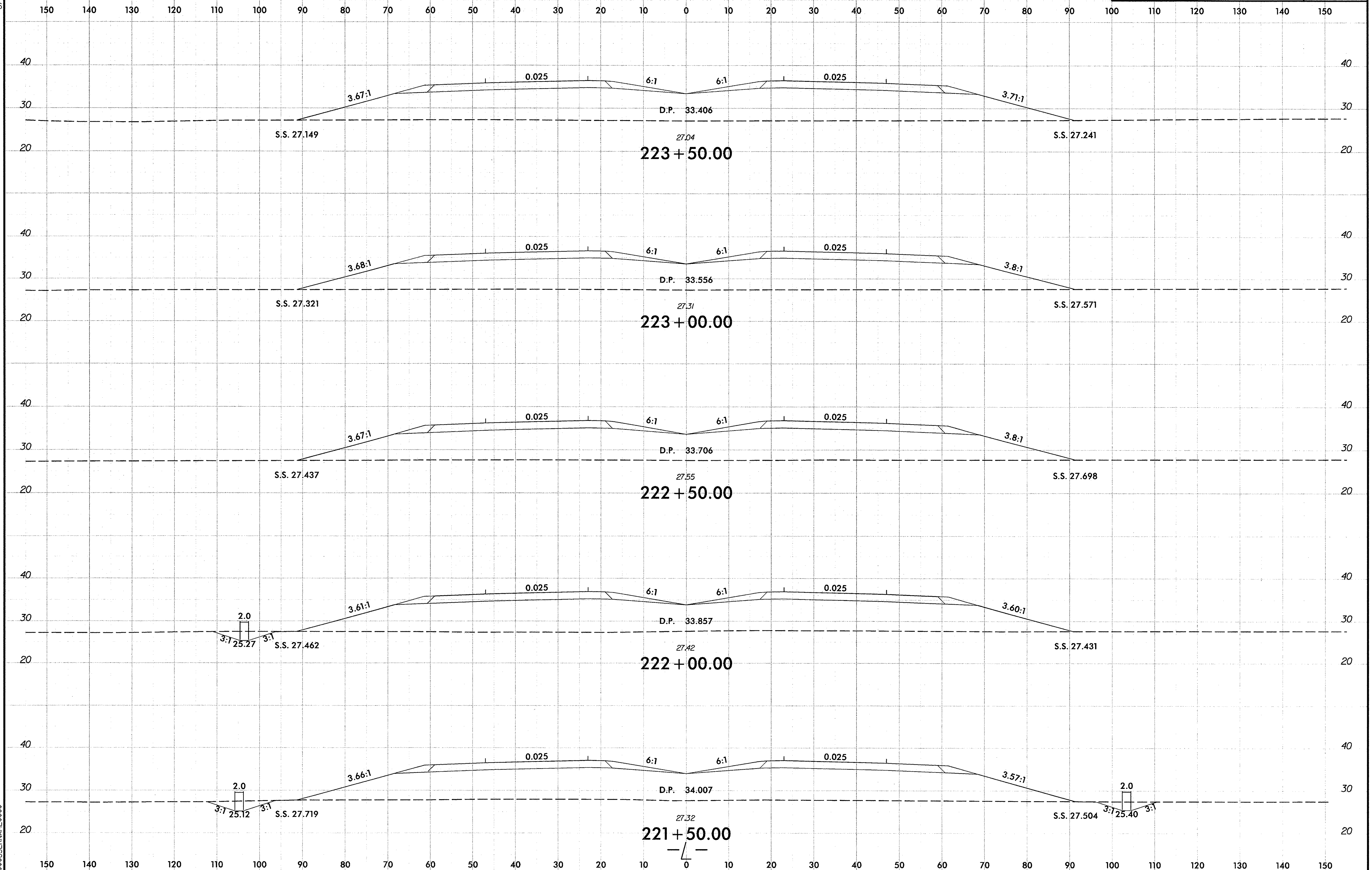


SYTIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

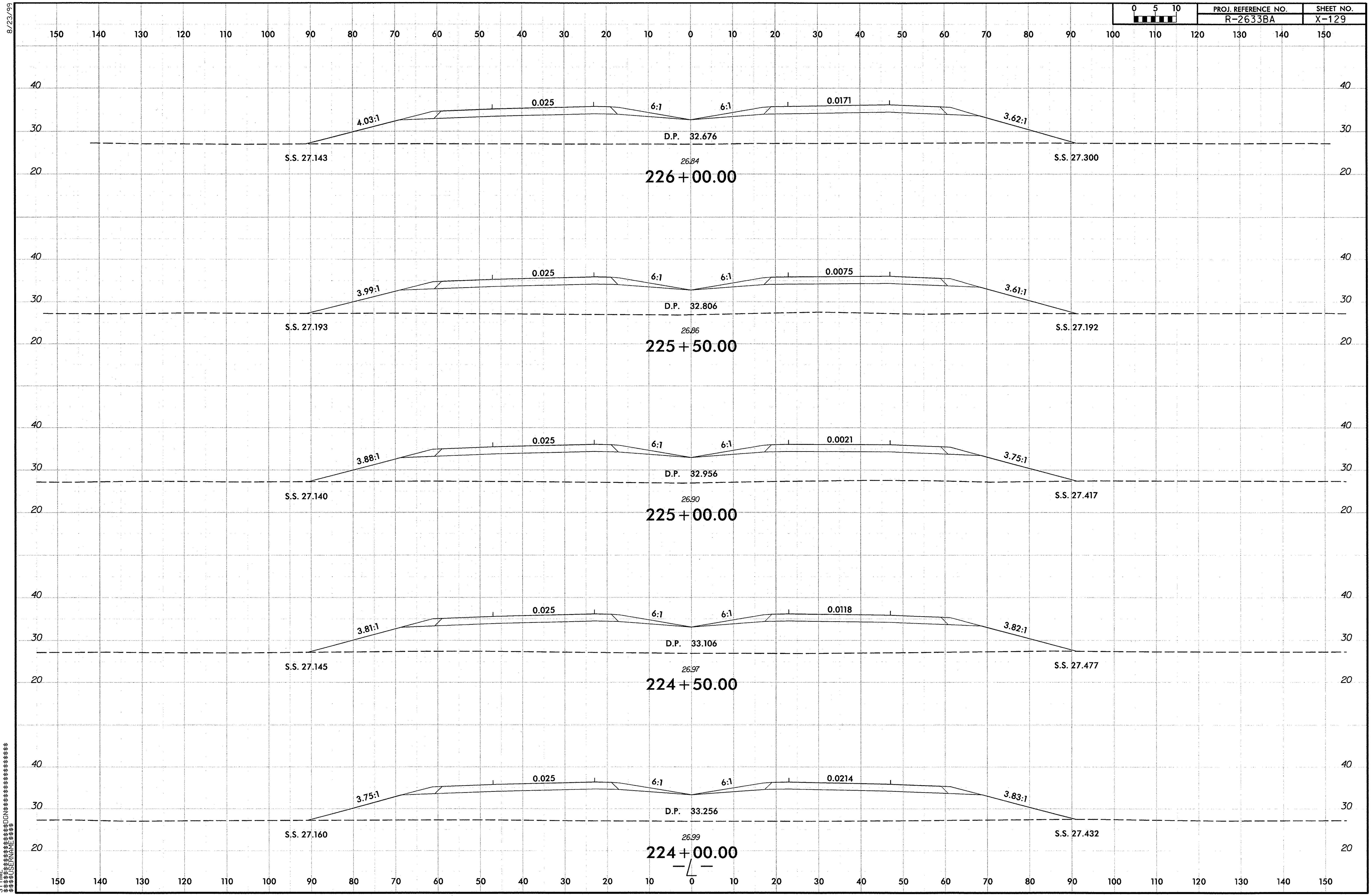
R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:25 PM

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-128

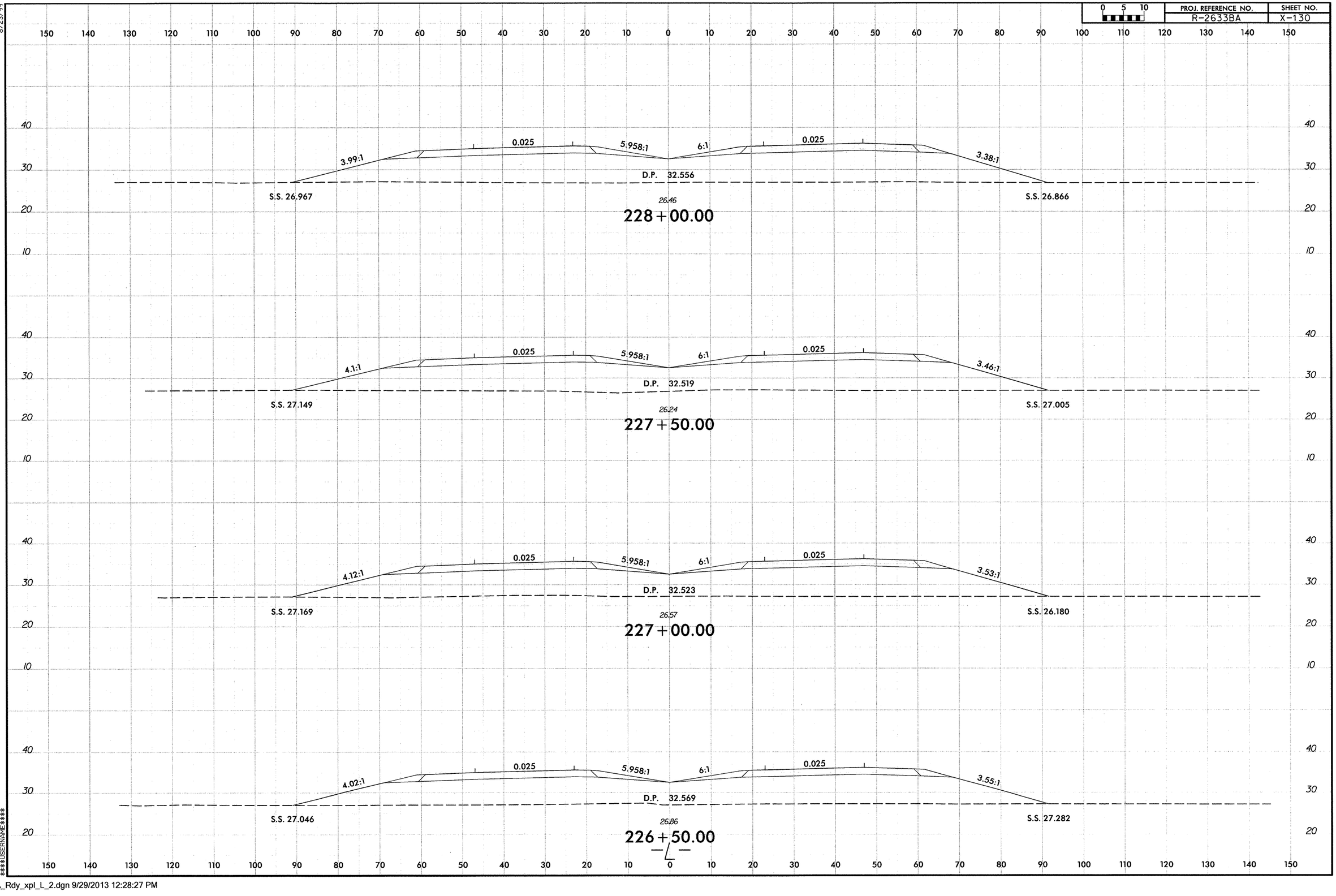


SYTIME $$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$ USERNAME$$$$


PROJ. REFERENCE NO.
R-2633BA
SHEET NO.
X-129
0 5 10
8/23/99
226+00.00
4.03:1
0.025
6:1
6:1
0.0171
3.62:1
D.P. 32.676
S.S. 27.143
S.S. 27.300
26.84
225+50.00
3.99:1
0.025
6:1
6:1
0.0075
3.61:1
D.P. 32.806
S.S. 27.193
S.S. 27.192
26.86
225+00.00
3.88:1
0.025
6:1
6:1
0.0021
3.75:1
D.P. 32.956
S.S. 27.140
S.S. 27.417
26.90
224+50.00
3.81:1
0.025
6:1
6:1
0.0118
3.82:1
D.P. 33.106
S.S. 27.145
S.S. 27.477
26.97
224+00.00
3.75:1
0.025
6:1
6:1
0.0214
3.83:1
D.P. 33.256
S.S. 27.160
S.S. 27.432
26.99
-L-
SYTIME
$$$$USERNAME$$$$
$$$$DGN$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-130

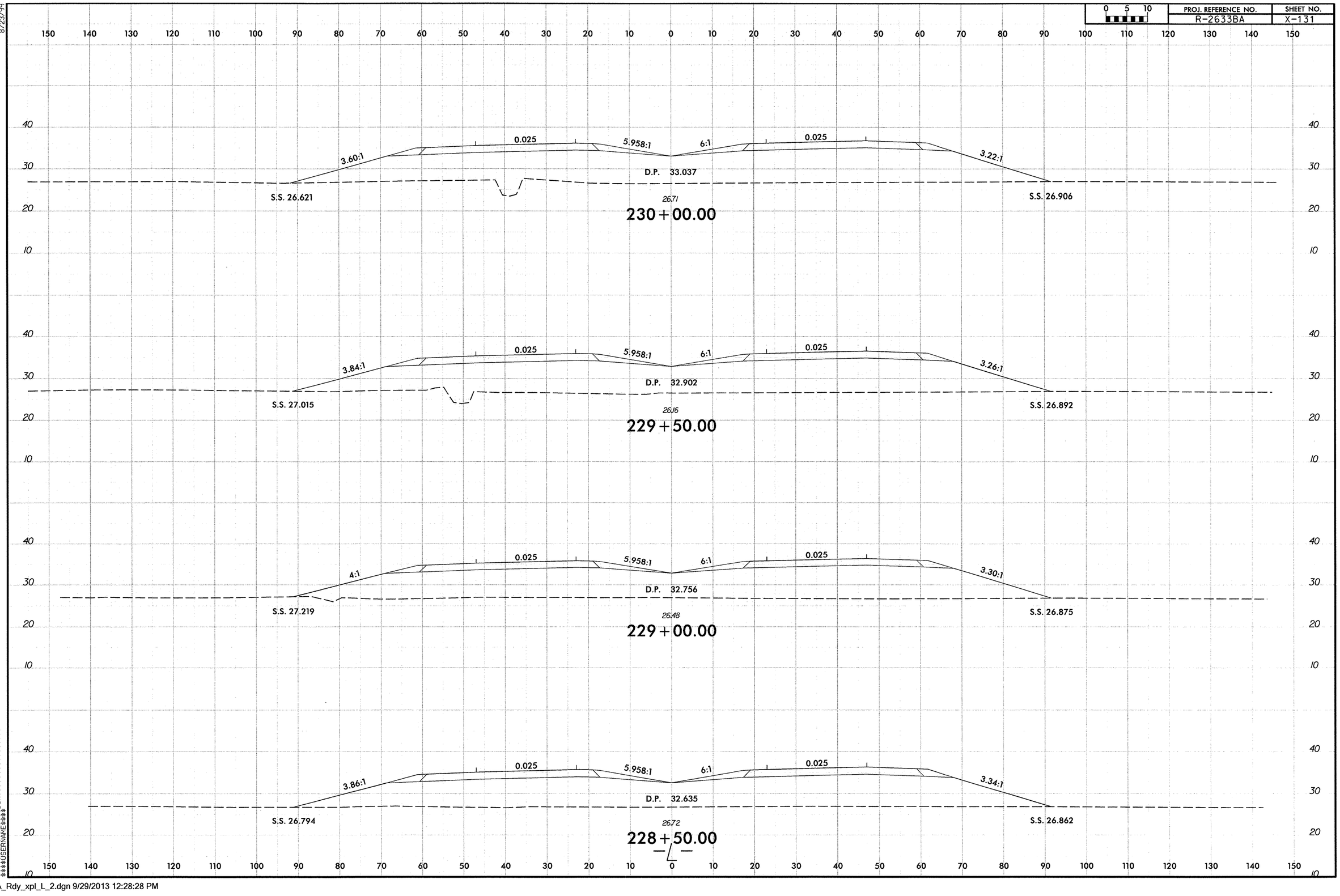


SYTIME
$$$$DGN$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:27 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-131

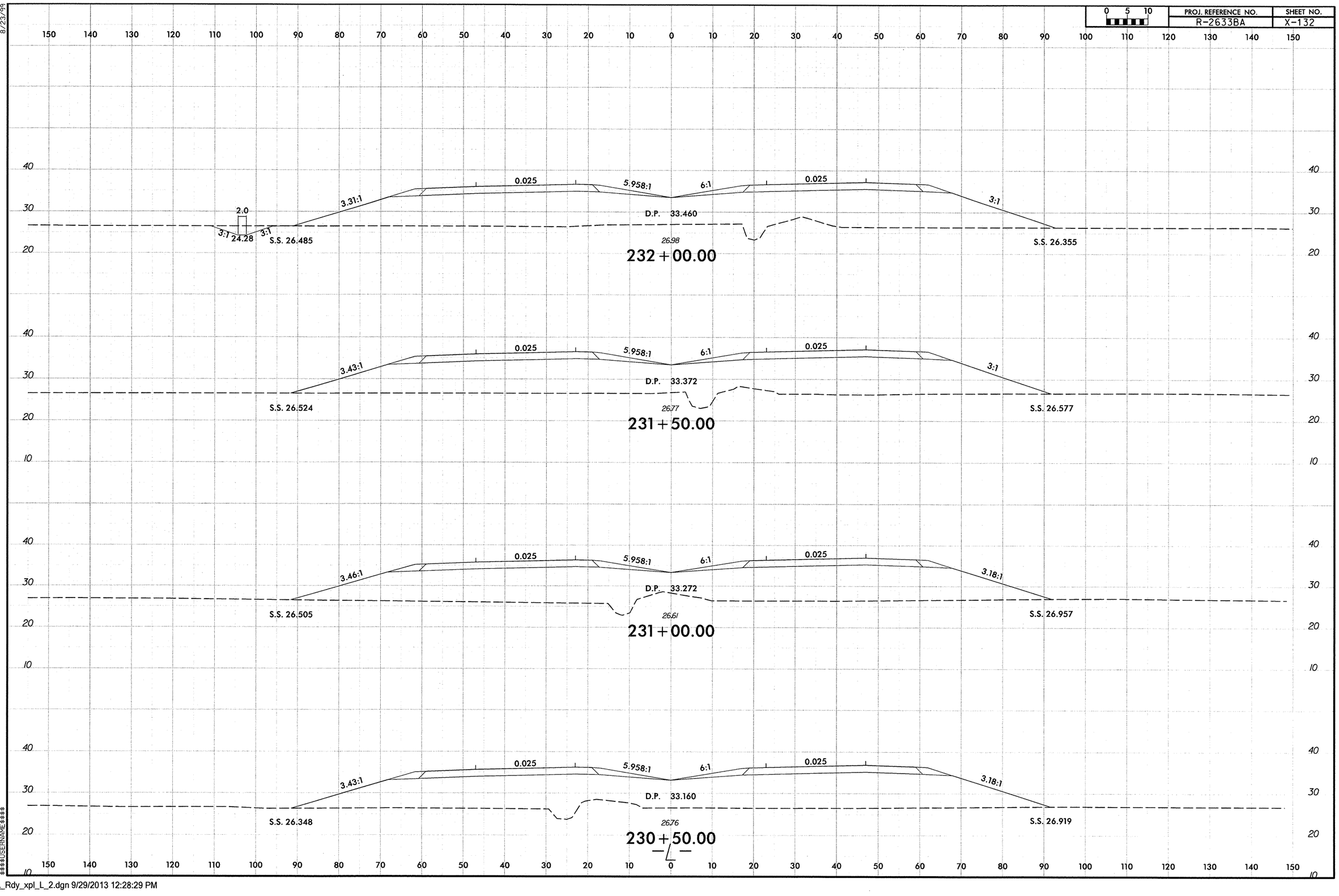


$TIME
$$$$USERNAME
$$$$DGNS

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:28 PM

8/23/99

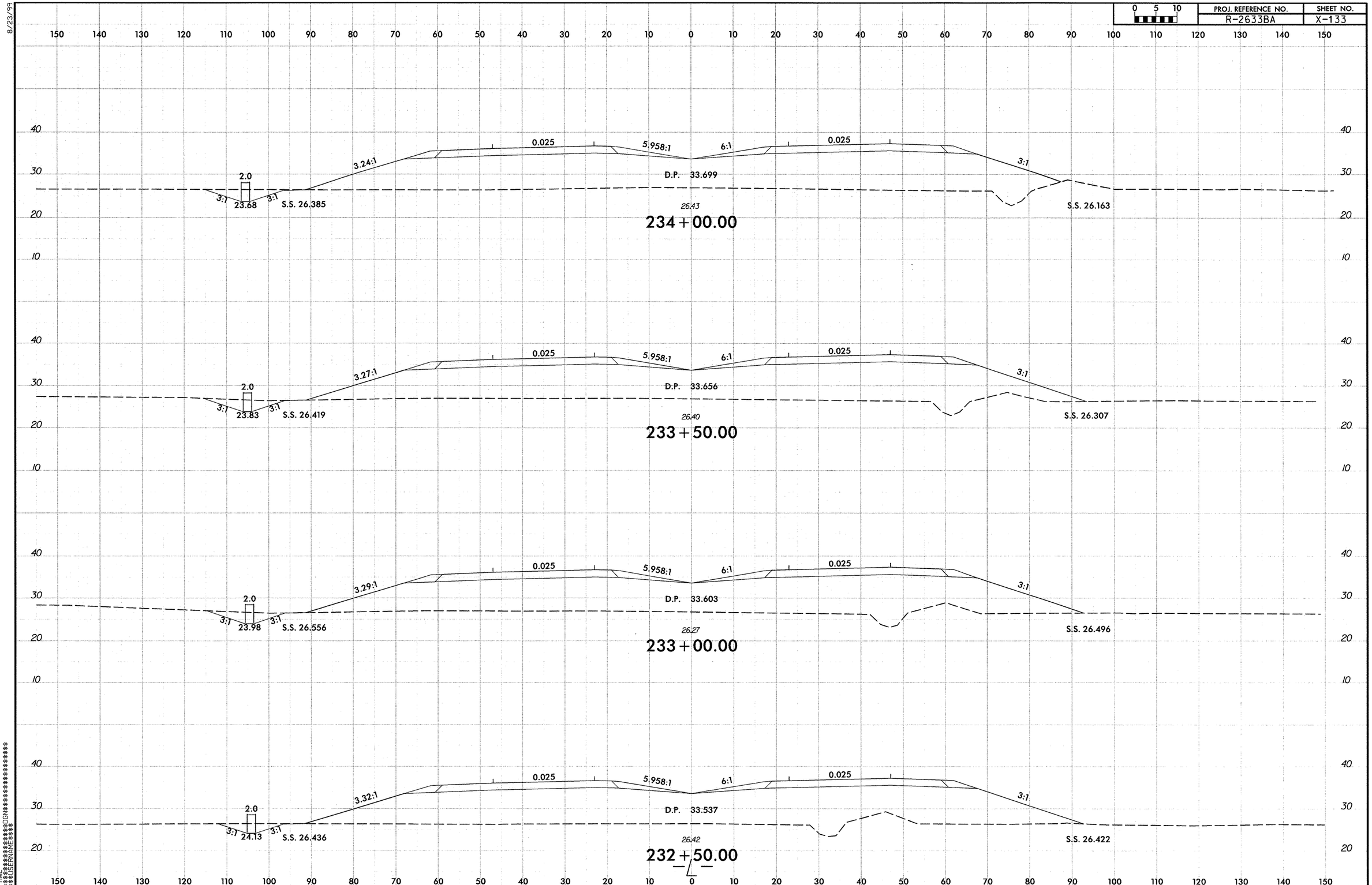
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-132



SYTIME
$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:29 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-133



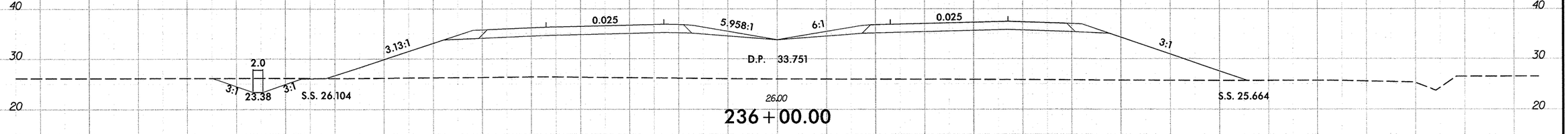
R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:30 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-134

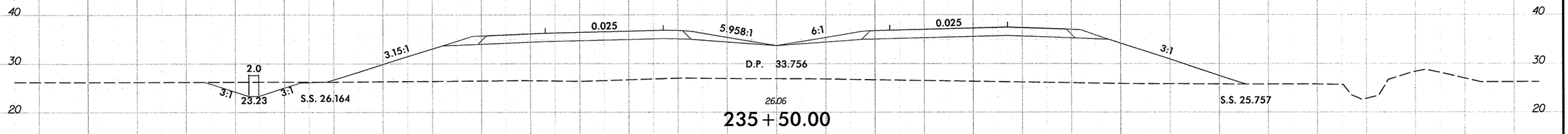
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

40 30 20 10



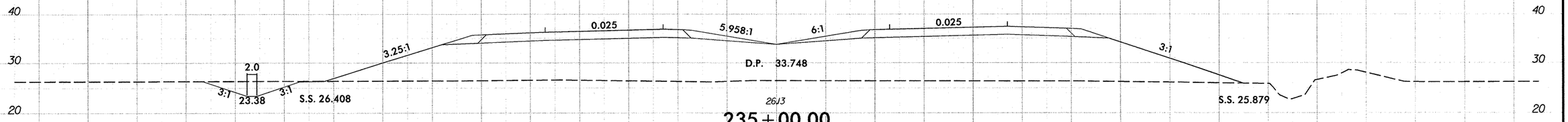
26.00

236+00.00



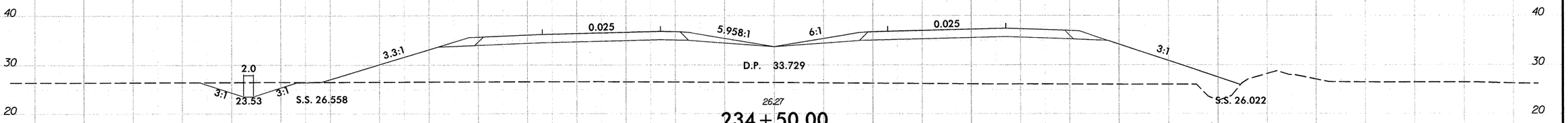
26.06

235+50.00



26.13

235+00.00



26.27

234+50.00

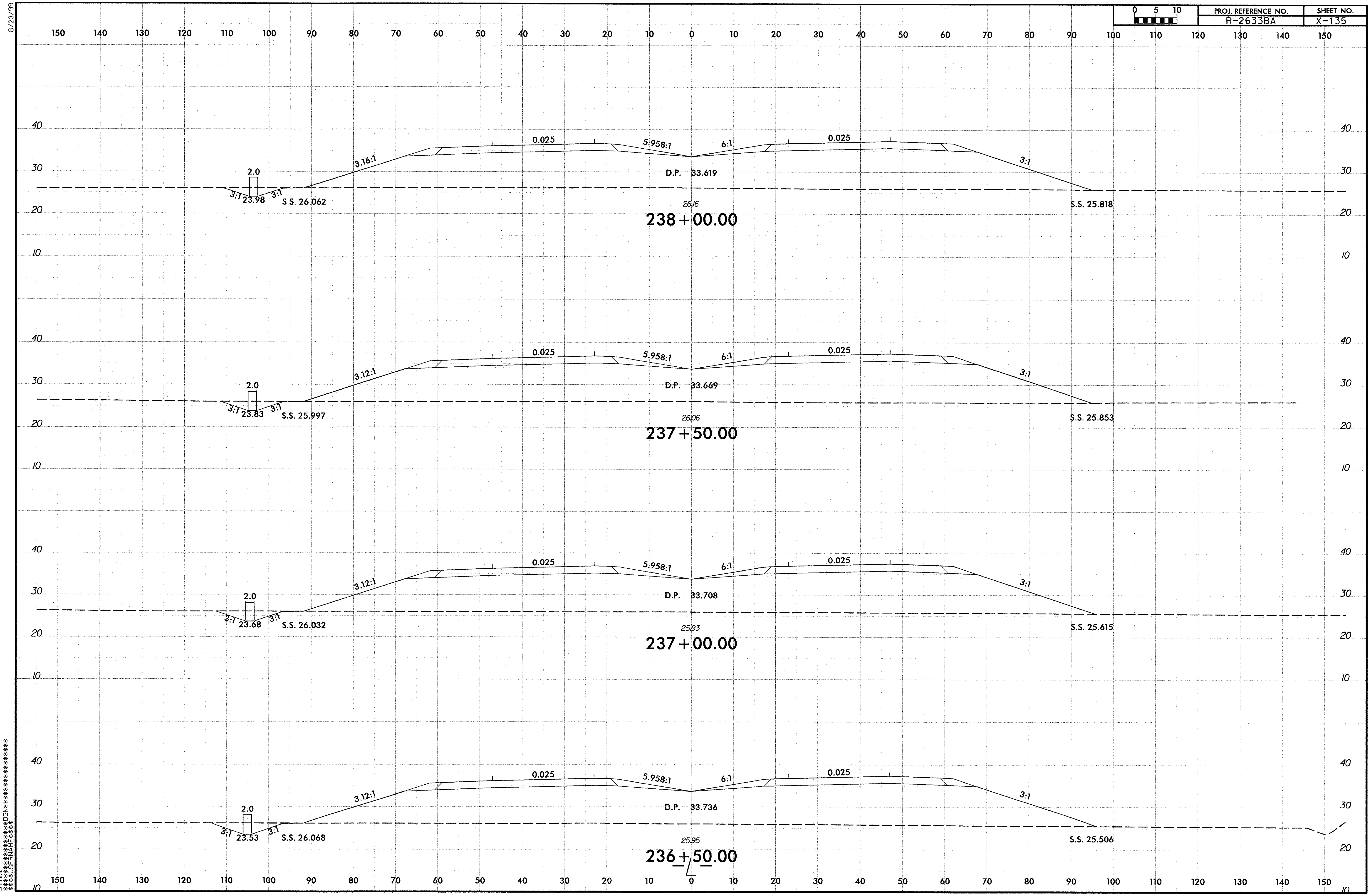
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

40 30 20 10

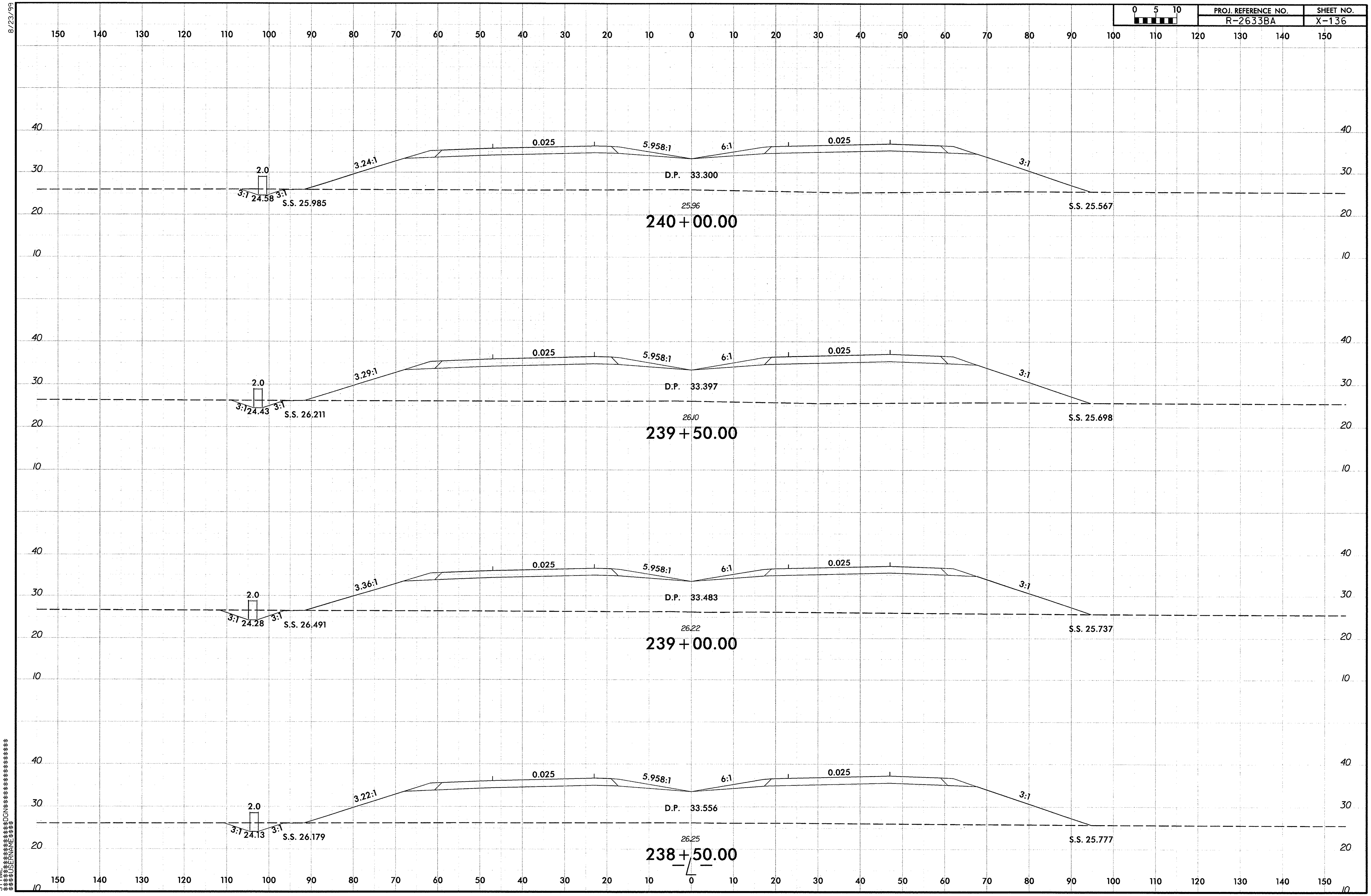
SYTIME

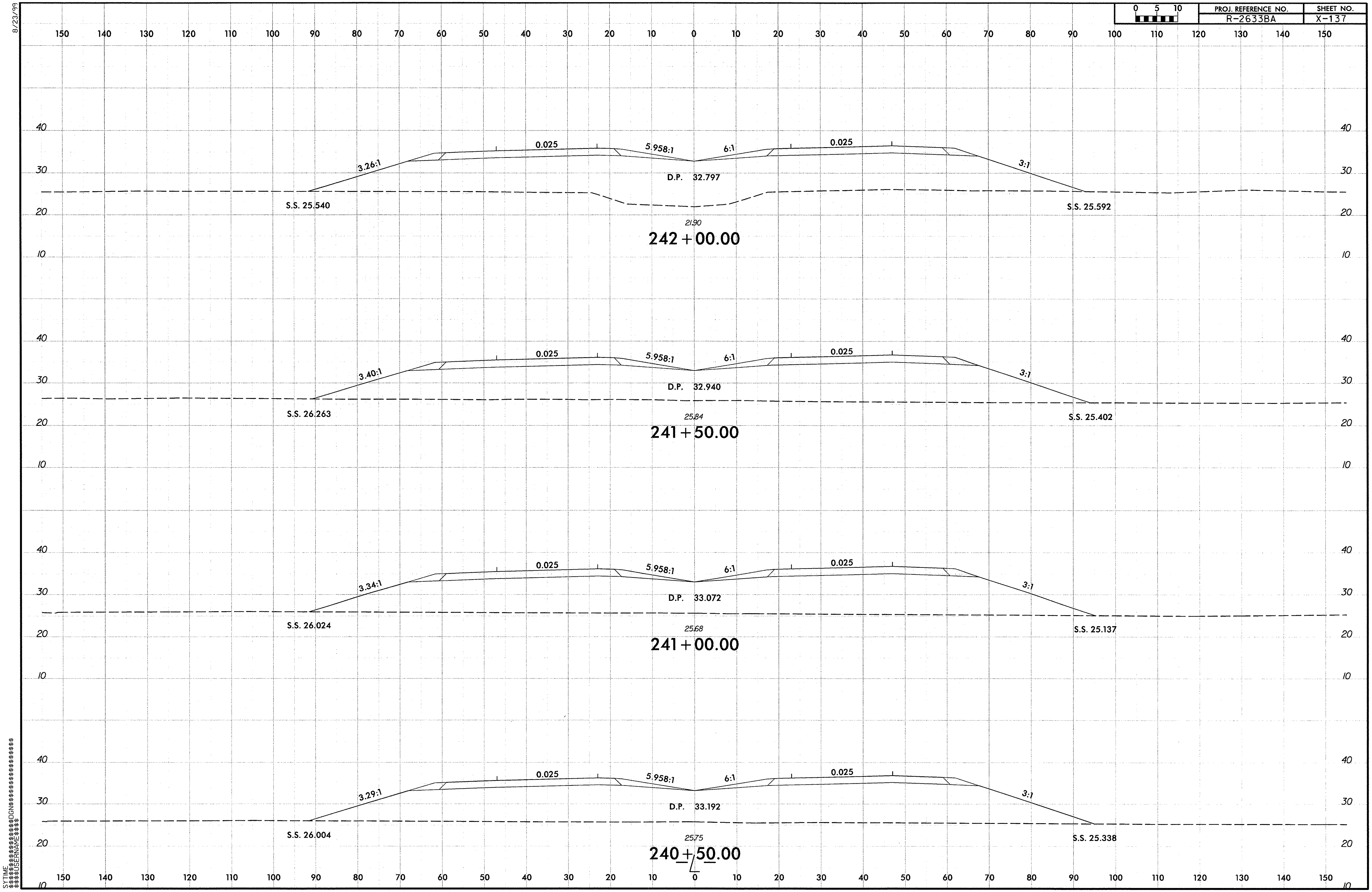
R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:31 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-135

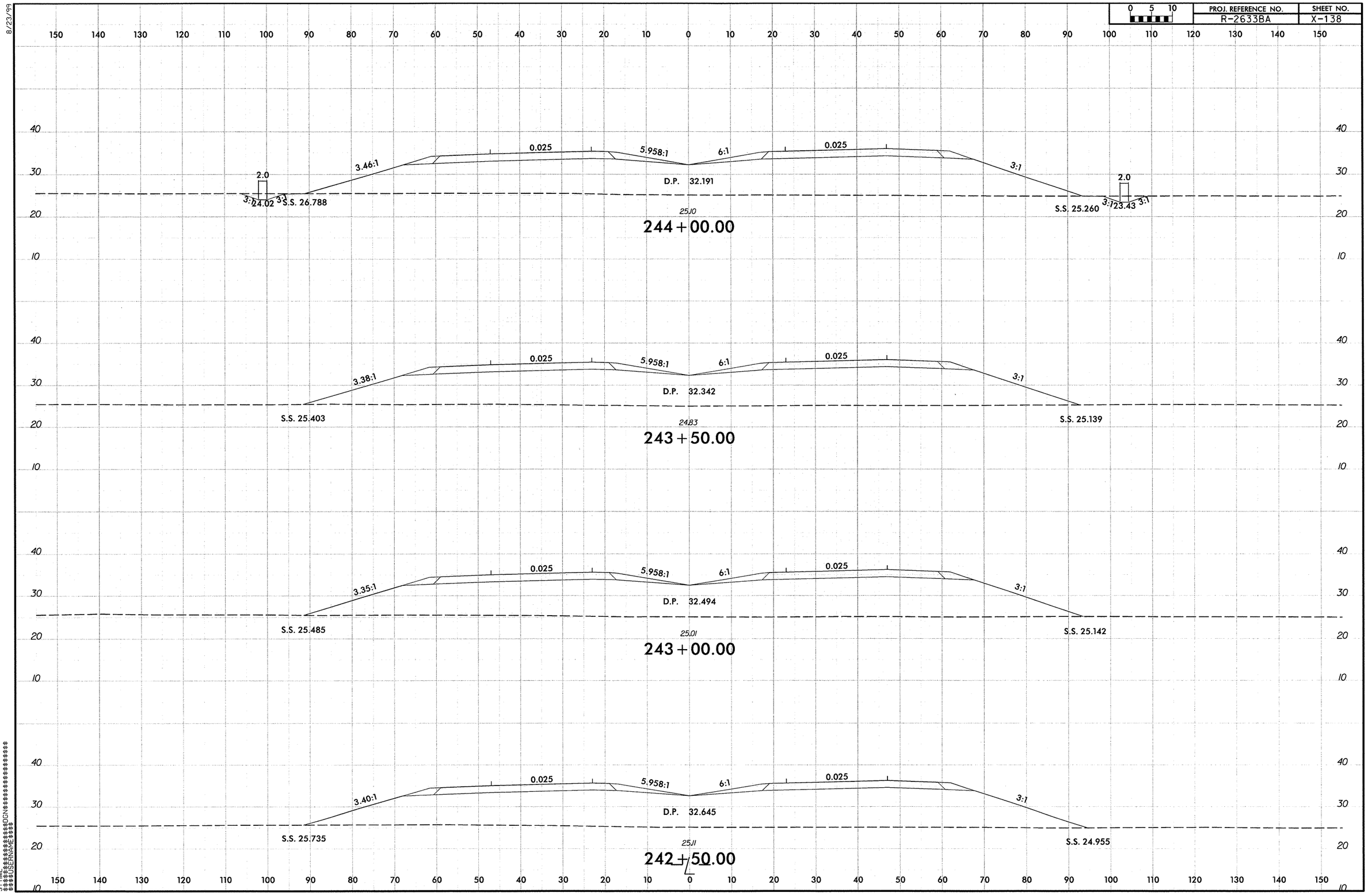


R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:31 PM


8/23/99
0 5 10
PROJ. REFERENCE NO.
R-2633BA
SHEET NO.
X-136
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
40
30
20
10
3.24:1
0.025
5.958:1
6:1
0.025
3:1
2.0
3:1 24.58 3:1
S.S. 25.985
D.P. 33.300
25.96
240+00.00
S.S. 25.567
3.29:1
0.025
5.958:1
6:1
0.025
3:1
2.0
3:1 24.43 3:1
S.S. 26.211
D.P. 33.397
26.10
239+50.00
S.S. 25.698
3.36:1
0.025
5.958:1
6:1
0.025
3:1
2.0
3:1 24.28 3:1
S.S. 26.491
D.P. 33.483
26.22
239+00.00
S.S. 25.737
3.22:1
0.025
5.958:1
6:1
0.025
3:1
2.0
3:1 24.13 3:1
S.S. 26.179
D.P. 33.556
26.25
238+50.00
S.S. 25.777
$$$$SYTIME$$$$
$$$$DGN$$$$
$$$$USERNAME$$$$



R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:33 PM



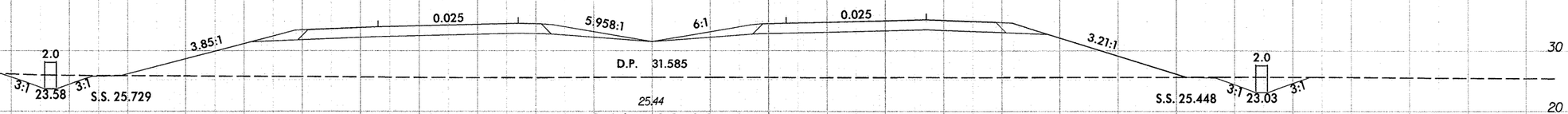
R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:34 PM

8/23/99

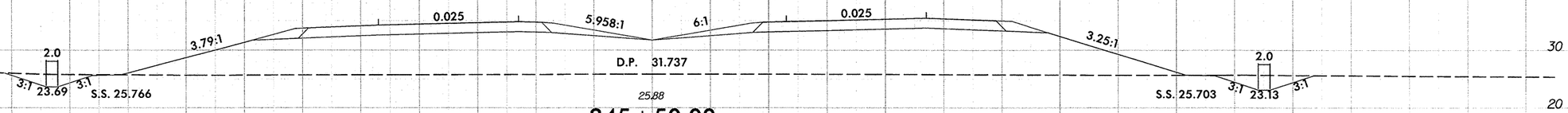
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-139

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

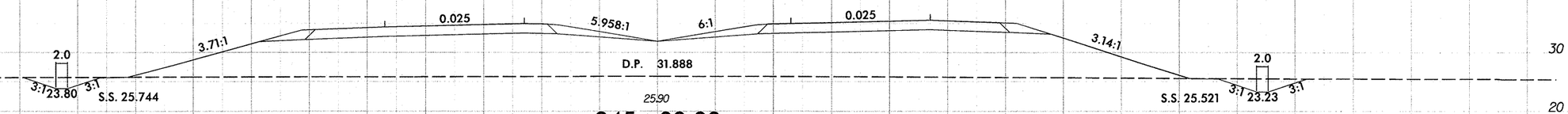
40 30 20 10



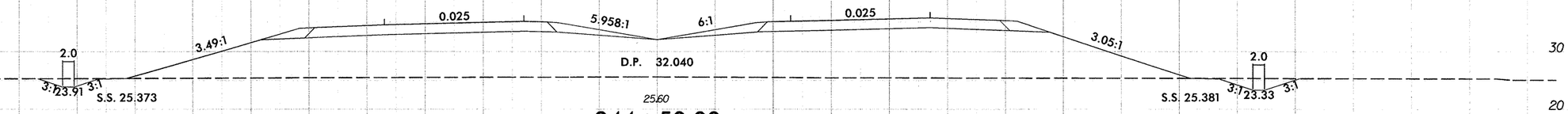
246+00.00



245+50.00



245+00.00



244+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

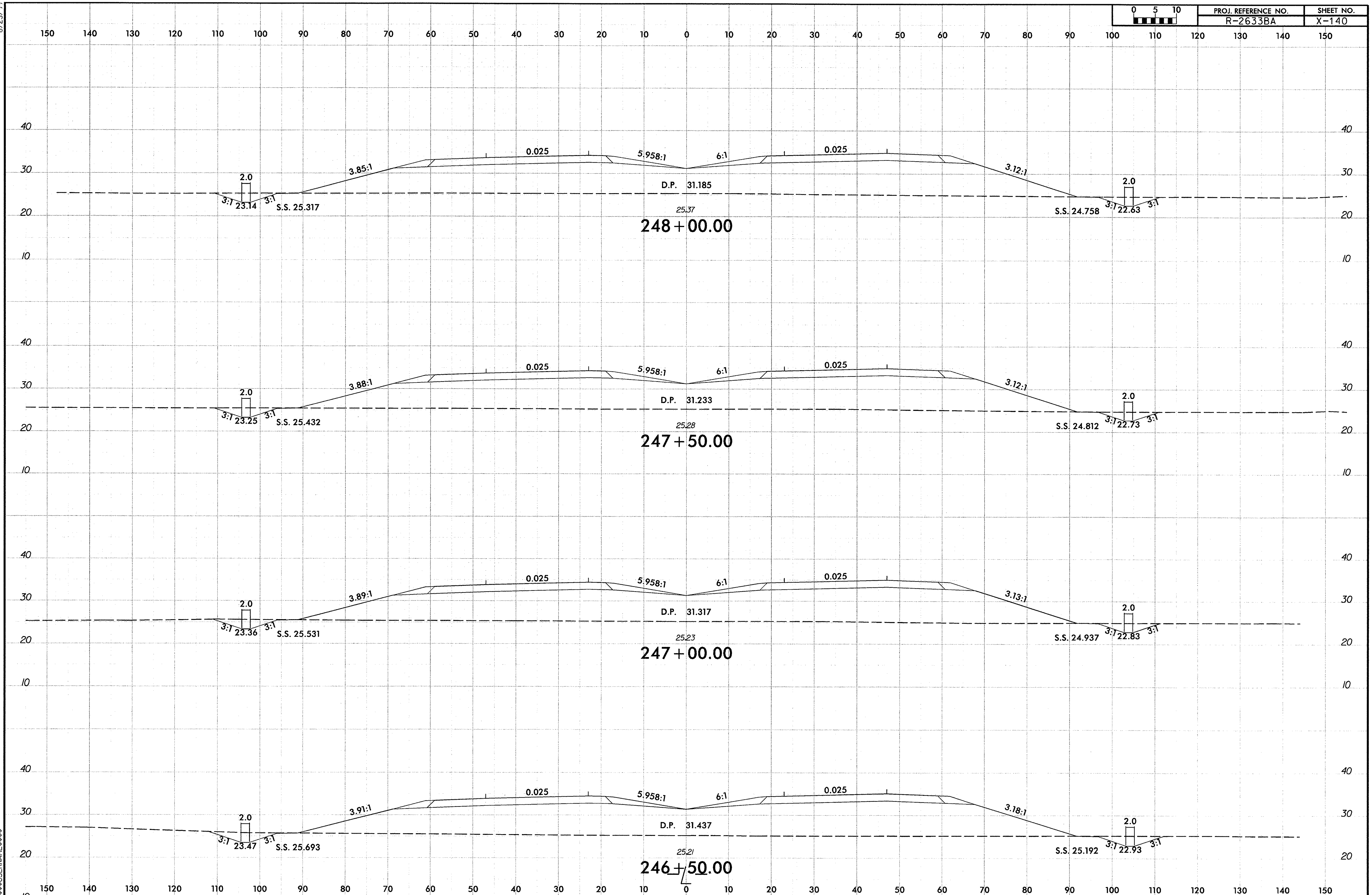
40 30 20 10

SYTIME
$$$$DGN
$$$$USERNAME

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:35 PM

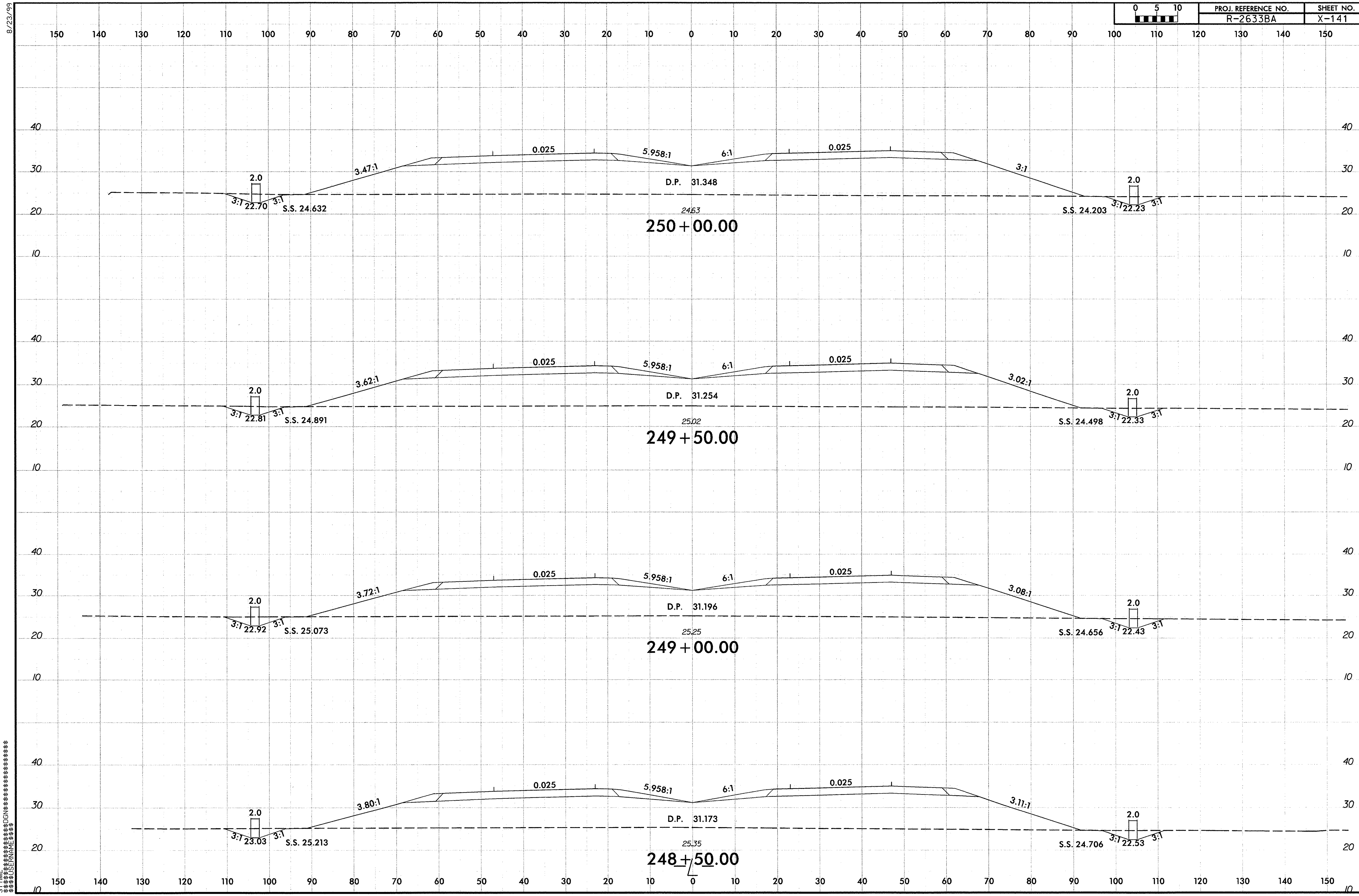
8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-140

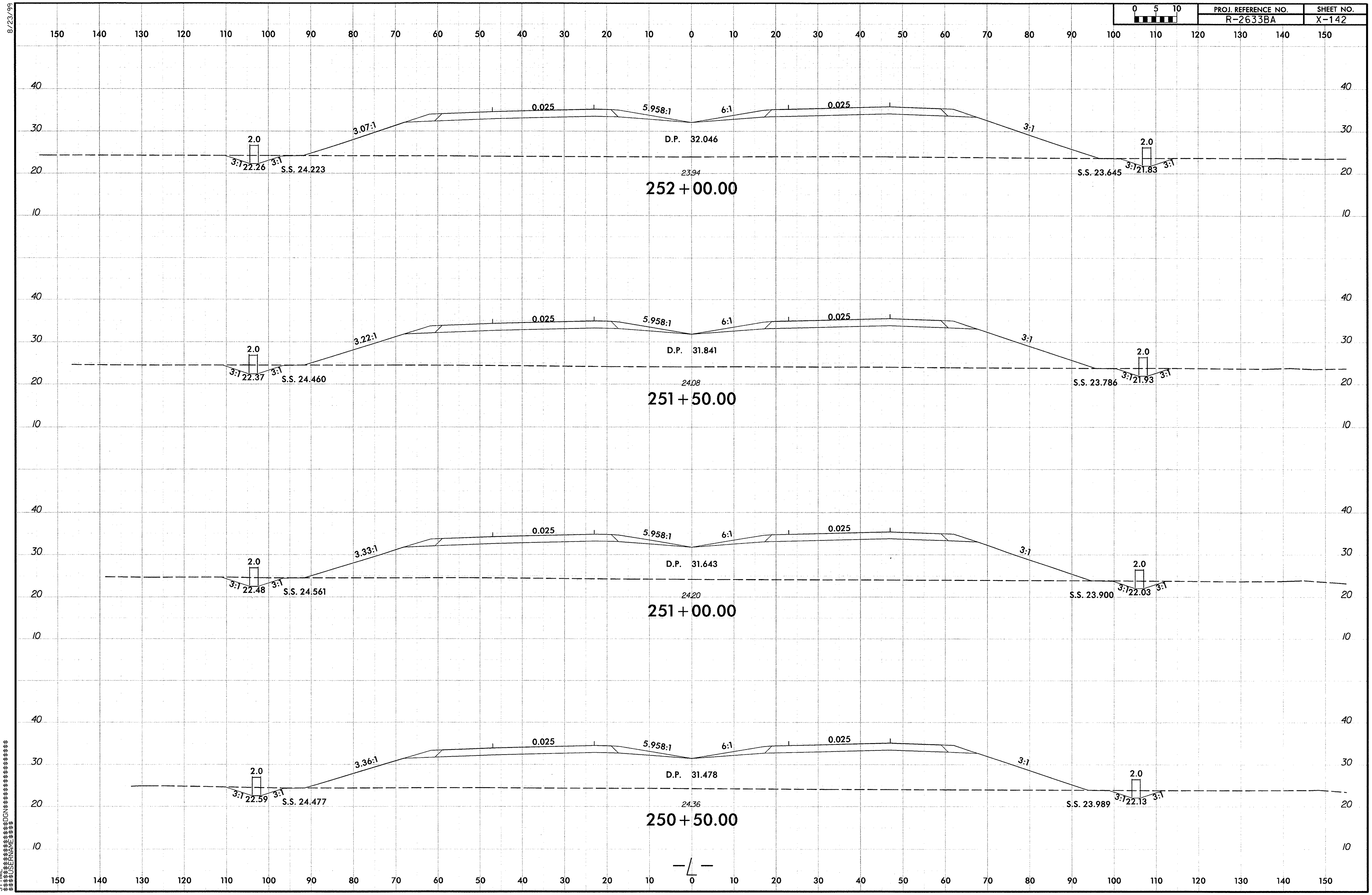


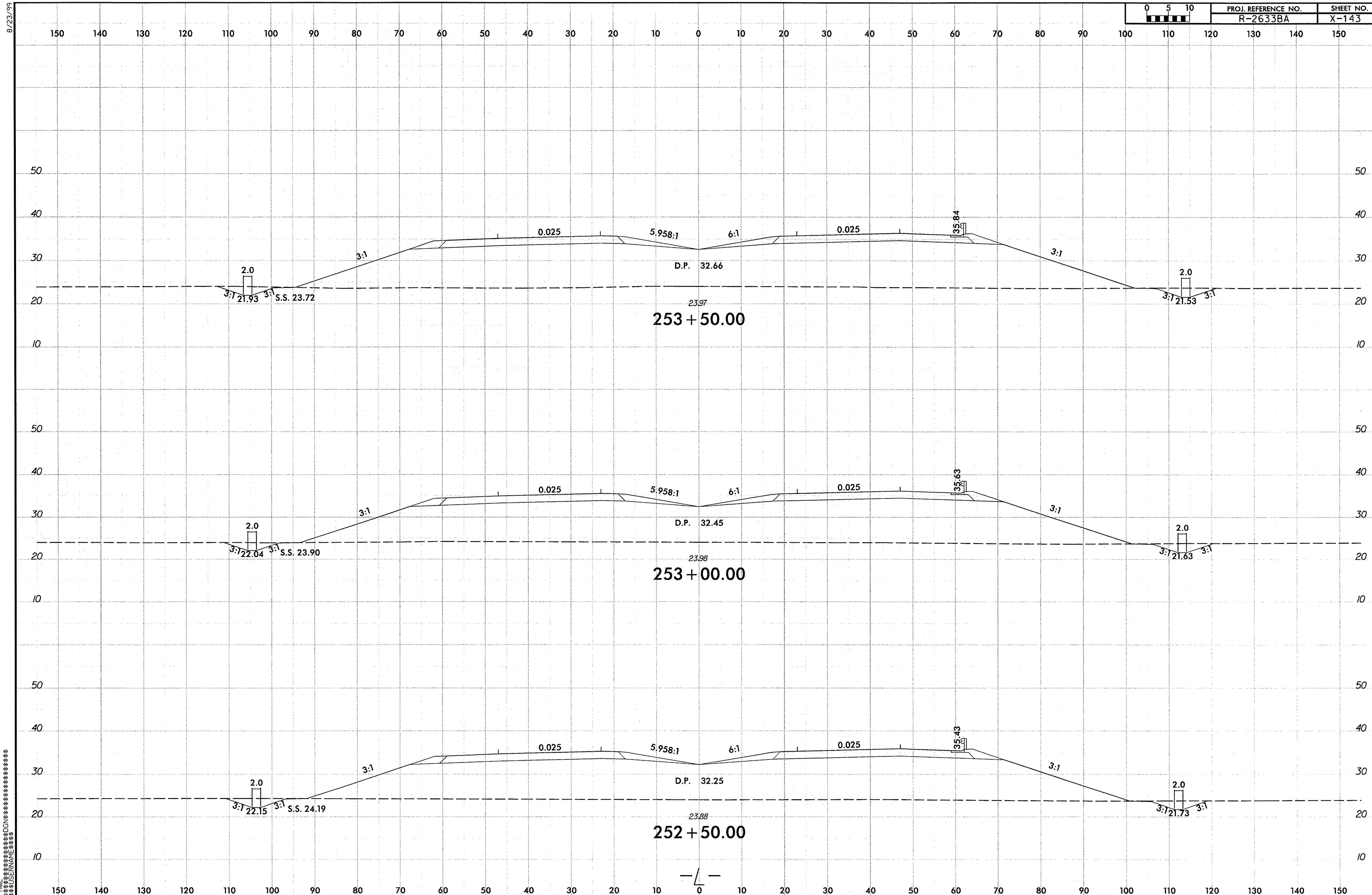
SYTIME
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:35 PM



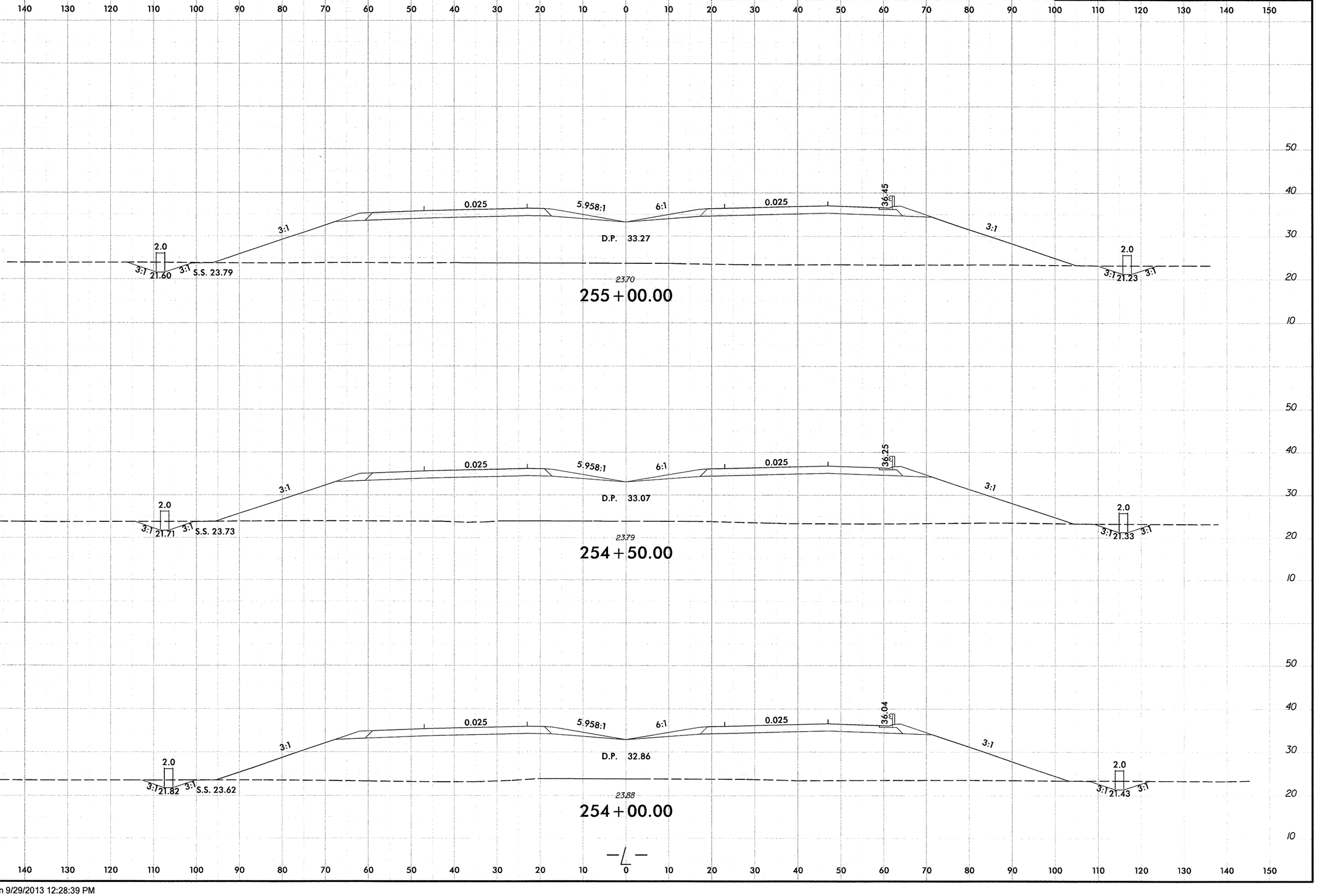
R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:36 PM


0 5 10
PROJ. REFERENCE NO.
R-2633BA
SHEET NO.
X-142
8/23/99
2.0
3:1 22.26 3:1
S.S. 24.223
3.07:1
0.025
5.958:1
6:1
0.025
3:1
D.P. 32.046
2.0
S.S. 23.645
3:1 21.83 3:1
23.94
252+00.00
2.0
3:1 22.37 3:1
S.S. 24.460
3.22:1
0.025
5.958:1
6:1
0.025
3:1
D.P. 31.841
2.0
S.S. 23.786
3:1 21.93 3:1
24.08
251+50.00
2.0
3:1 22.48 3:1
S.S. 24.561
3.33:1
0.025
5.958:1
6:1
0.025
3:1
D.P. 31.643
2.0
S.S. 23.900
3:1 22.03 3:1
24.20
251+00.00
2.0
3:1 22.59 3:1
S.S. 24.477
3.36:1
0.025
5.958:1
6:1
0.025
3:1
D.P. 31.478
2.0
S.S. 23.989
3:1 22.13 3:1
24.36
250+50.00
-L-
SYTIME
$$$$$$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$


8/23/99
0 5 10
PROJ. REFERENCE NO.
R-2633BA
SHEET NO.
X-143
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
50
40
30
20
10
0.025
5.958:1
6:1
0.025
35.84
3:1
3:1
2.0
3:1 21.93 3:1 S.S. 23.72
D.P. 32.66
2.0
3:1 21.53 3:1
23.97
253+50.00
0.025
5.958:1
6:1
0.025
35.63
3:1
3:1
2.0
3:1 22.04 3:1 S.S. 23.90
D.P. 32.45
2.0
3:1 21.63 3:1
23.98
253+00.00
0.025
5.958:1
6:1
0.025
35.43
3:1
3:1
2.0
3:1 22.15 3:1 S.S. 24.19
D.P. 32.25
2.0
3:1 21.73 3:1
23.88
252+50.00
-L-
SYTIME
$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-144

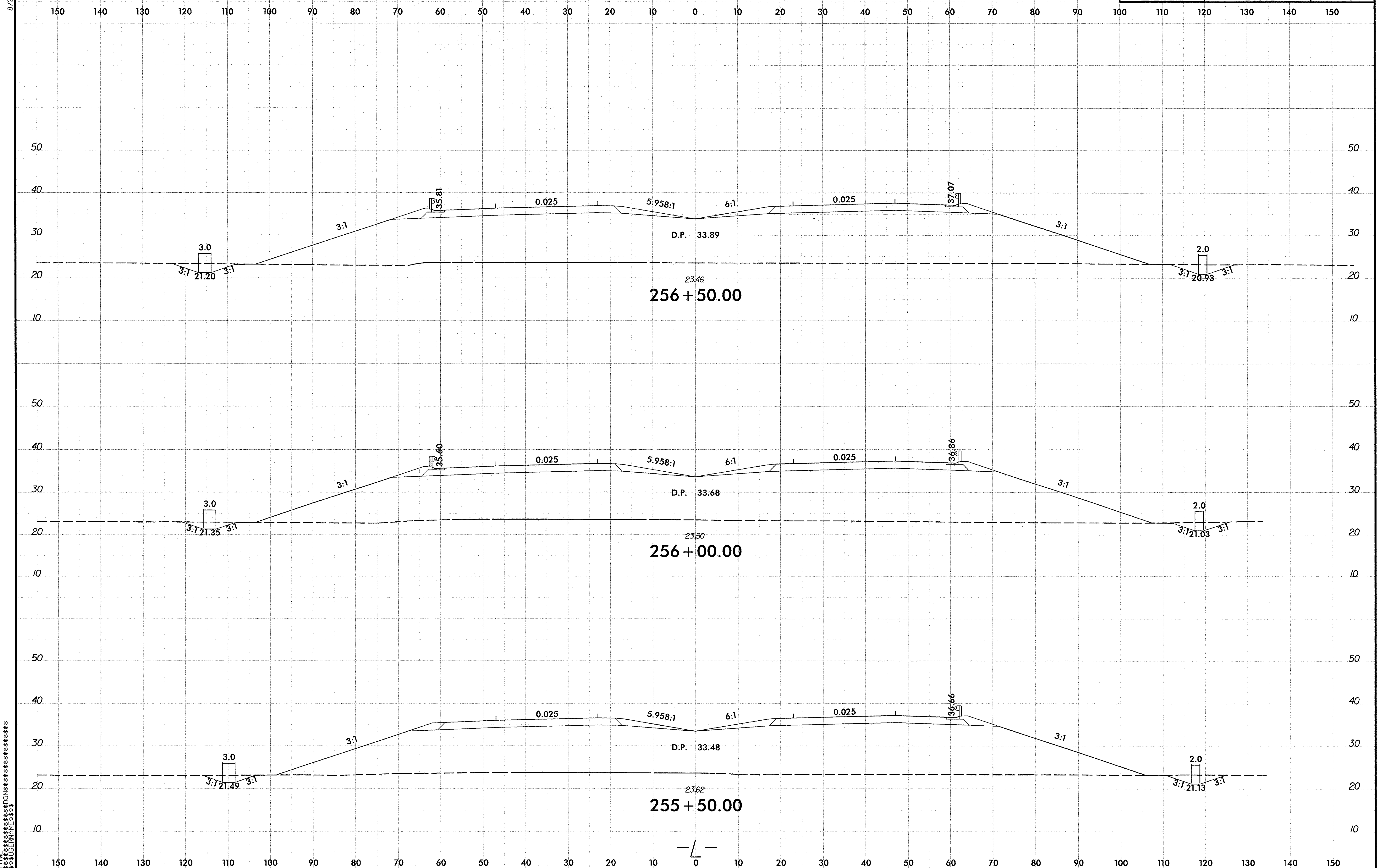


SYTIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$$$USERNAME$$$$$

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:39 PM

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-145



SYTIME
$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$

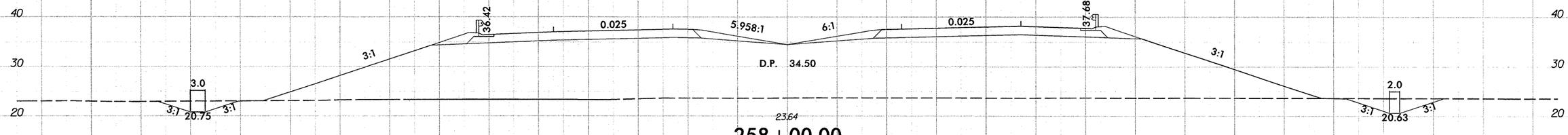
R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:40 PM

8/23/99

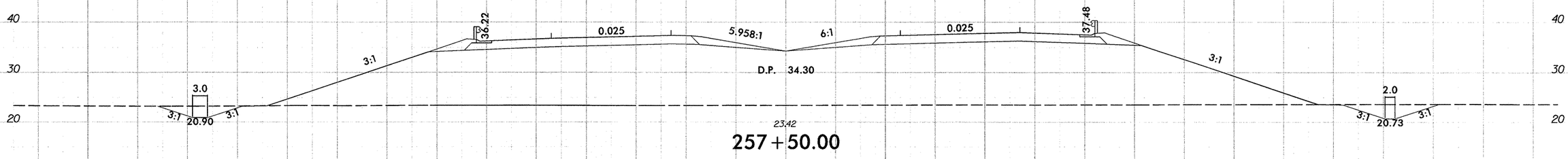
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-146

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

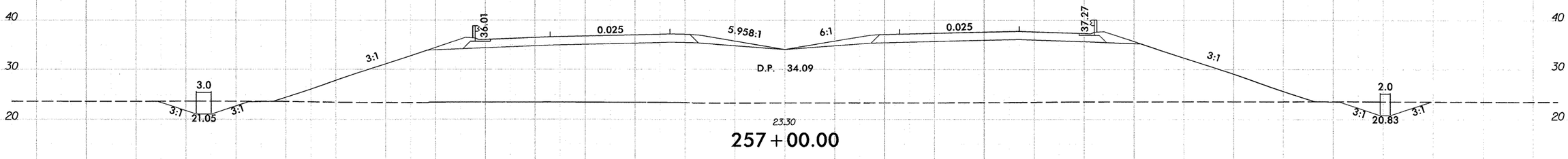
50 40 30 20 10



258+00.00



257+50.00



257+00.00

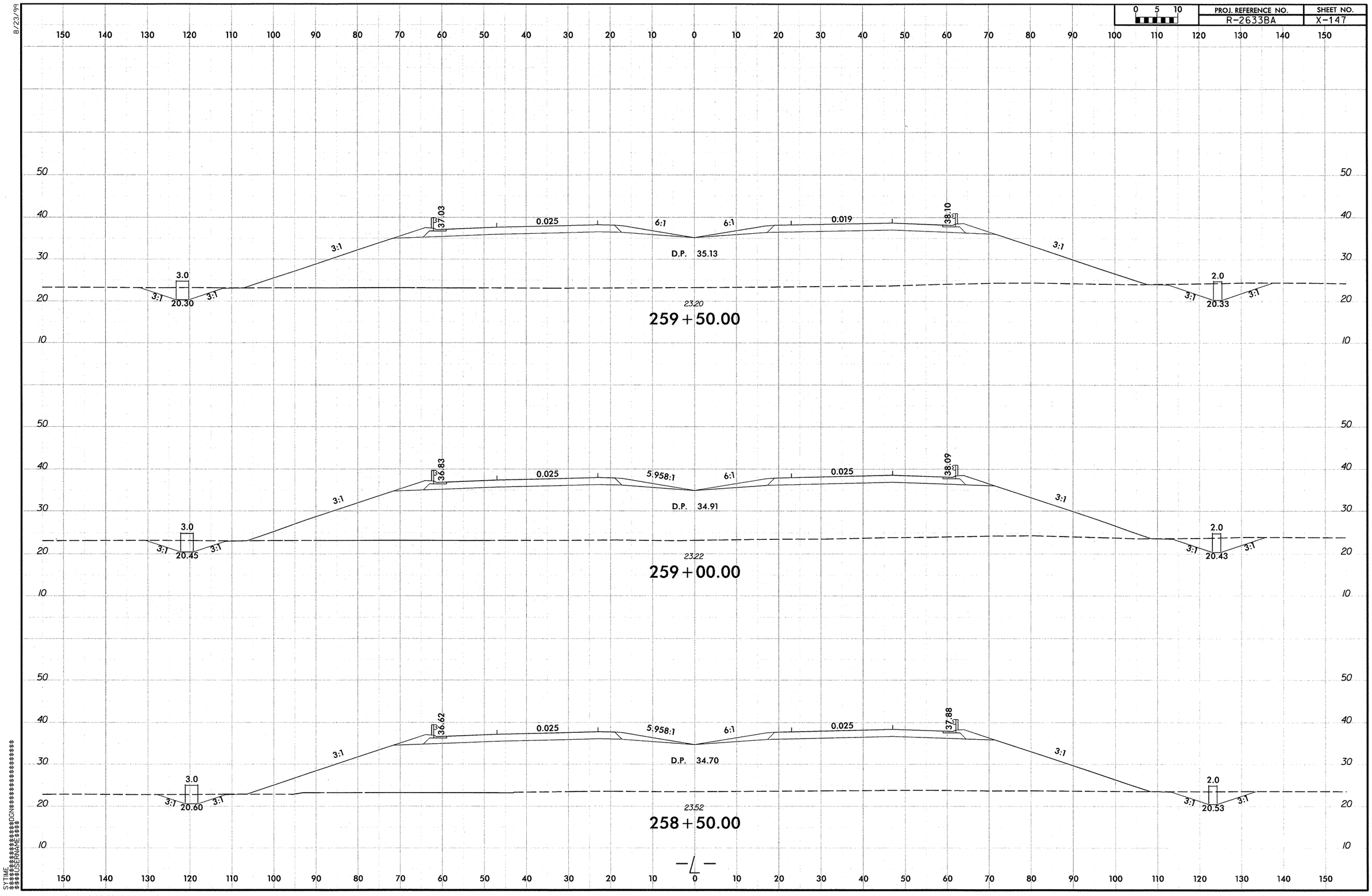
—℄—

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

50 40 30 20 10

$TIME
$USERNAME
$DGN

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:40 PM



R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:41 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-148

150 140 130 120 110 100 90 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 40 30 20 10

37.57 0.025 6:1 6:1 0.009 37.94

3:1 3:1

D.P. 35.75

3.0 19.85 2.0 20.03

3:1 3:1 3:1 3:1

23.45

261+00.00

37.44 0.025 6:1 6:1 0.000 38.05

3:1 3:1

D.P. 35.54

3.0 20.00 2.0 20.13

3:1 3:1 3:1 3:1

23.59

260+50.00

37.24 0.025 6:1 6:1 0.010 38.07

3:1 3:1

D.P. 35.34

3.0 20.15 2.0 20.23

3:1 3:1 3:1 3:1

23.43

260+00.00

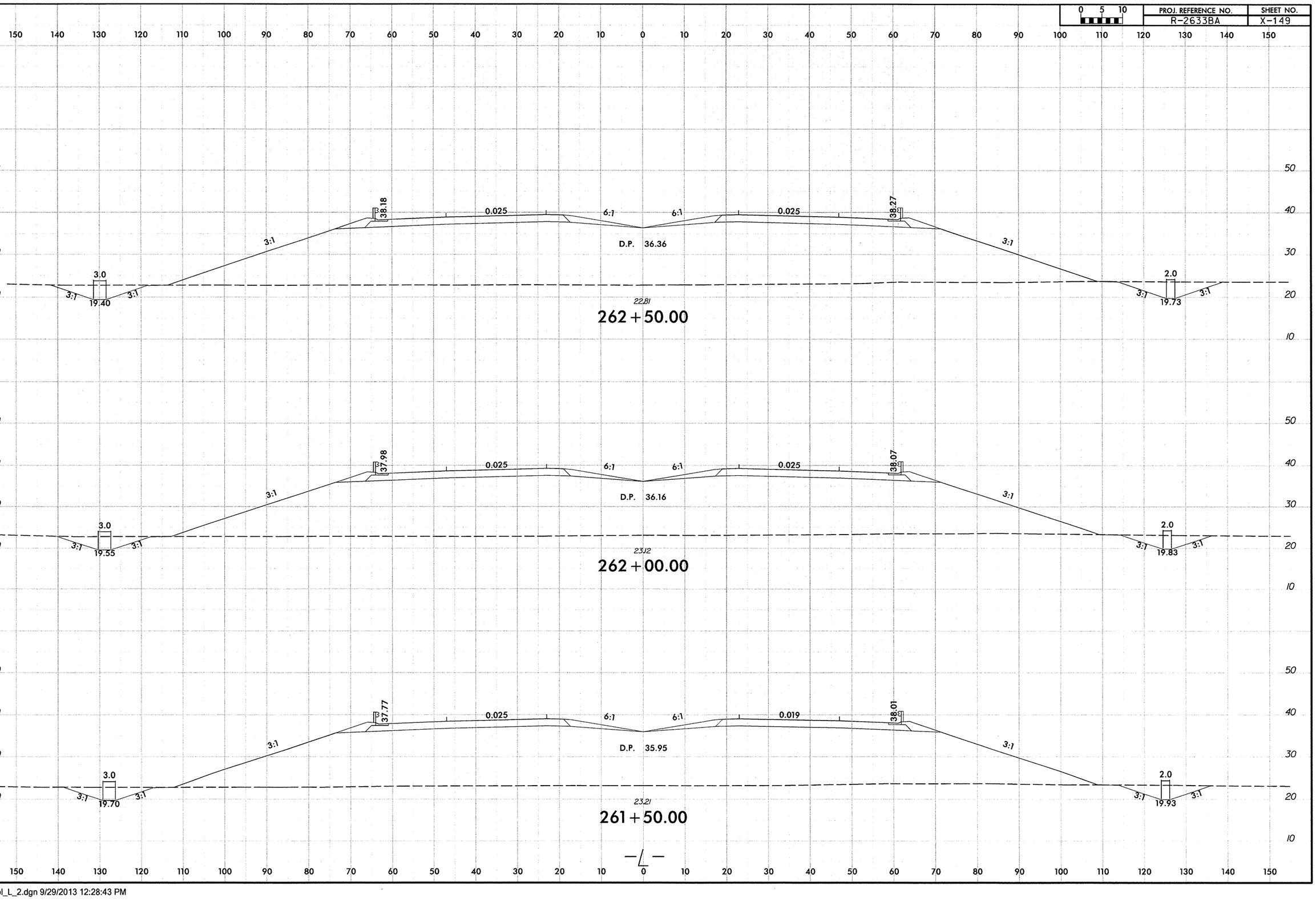
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

SYTIME
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:42 PM

8/23/99

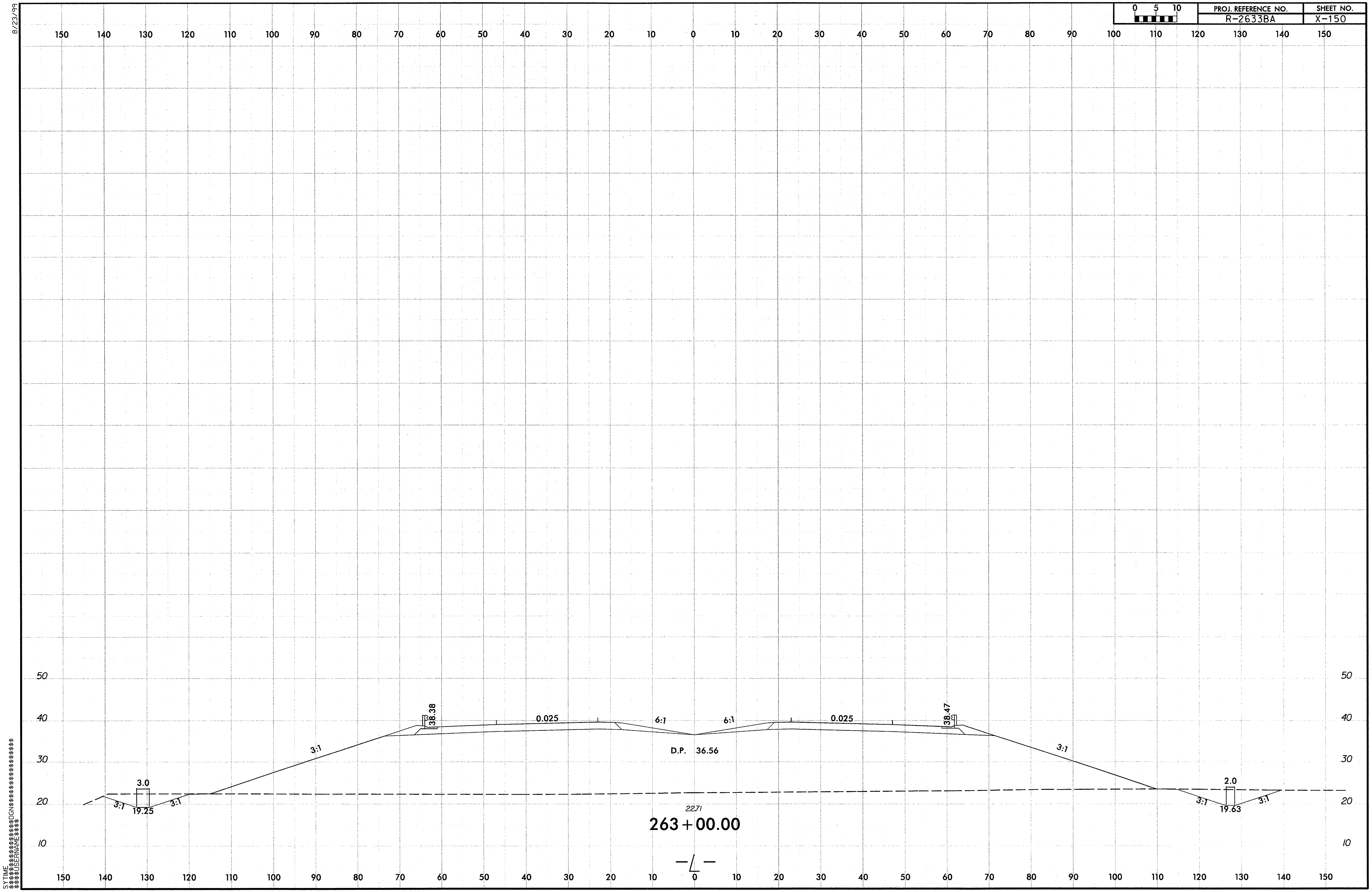
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-149



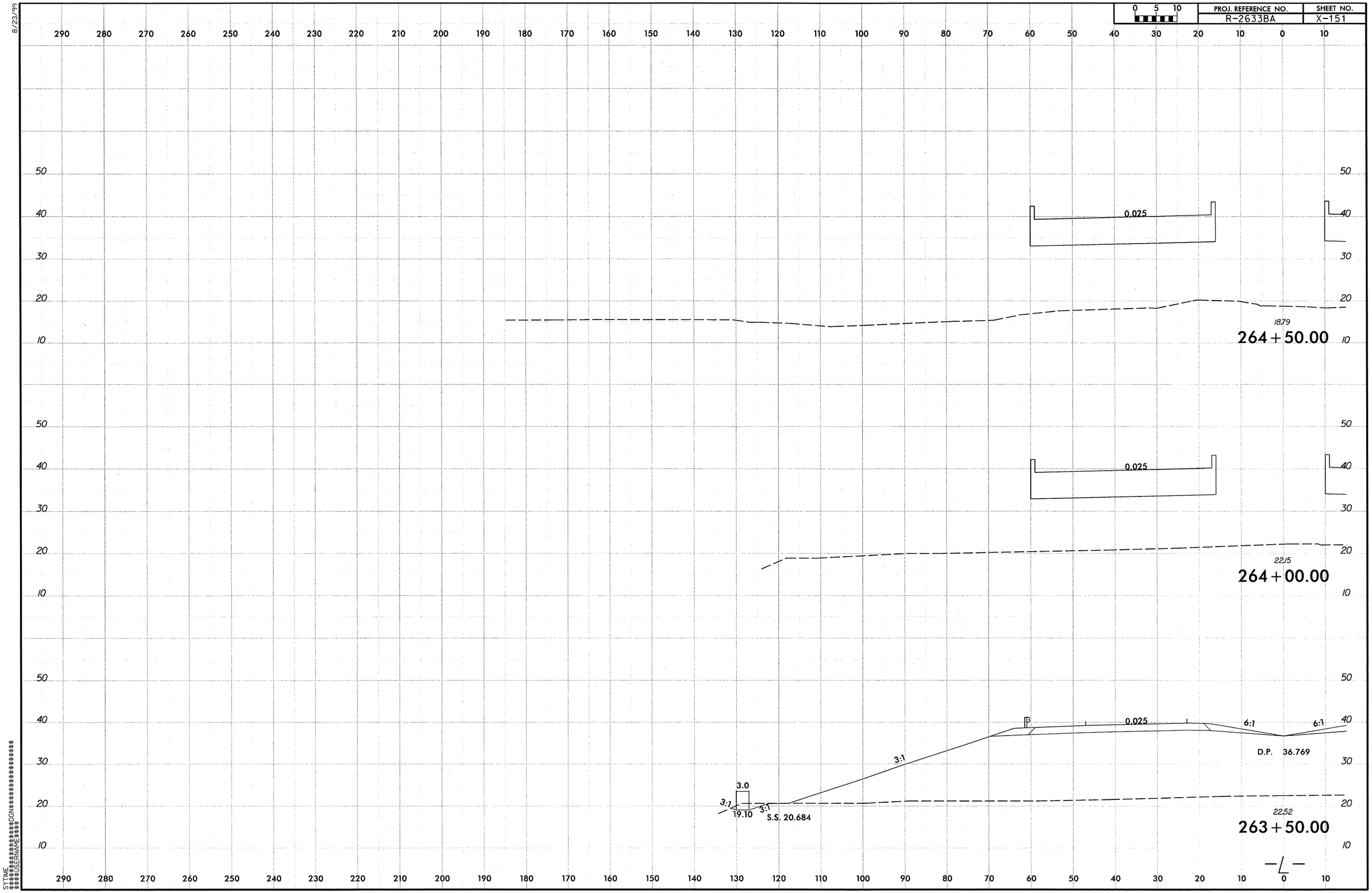
SYTIME
$$$$DGN$$$$
$$$$USERNAME$$$$

R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:43 PM

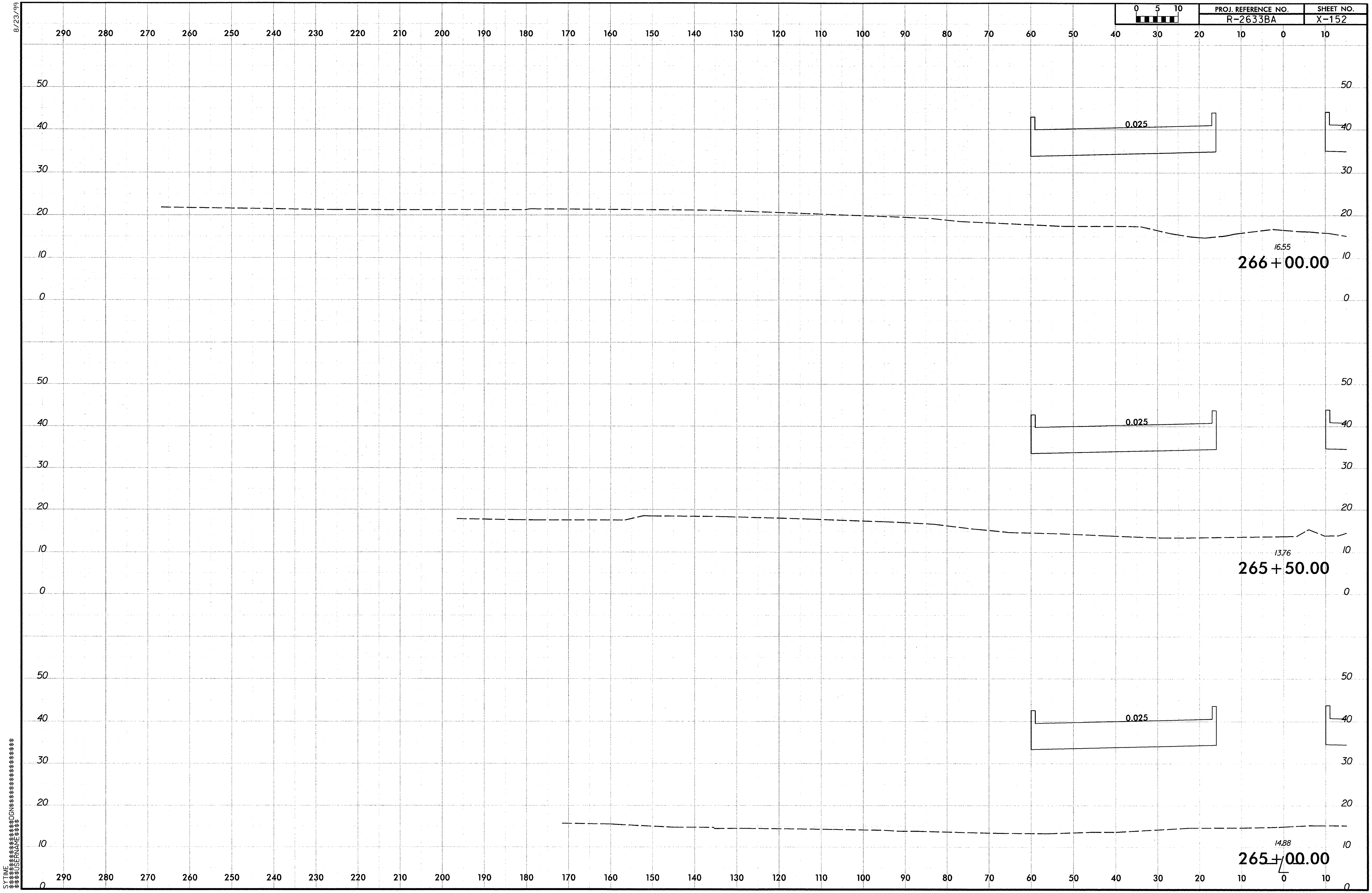
PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-150



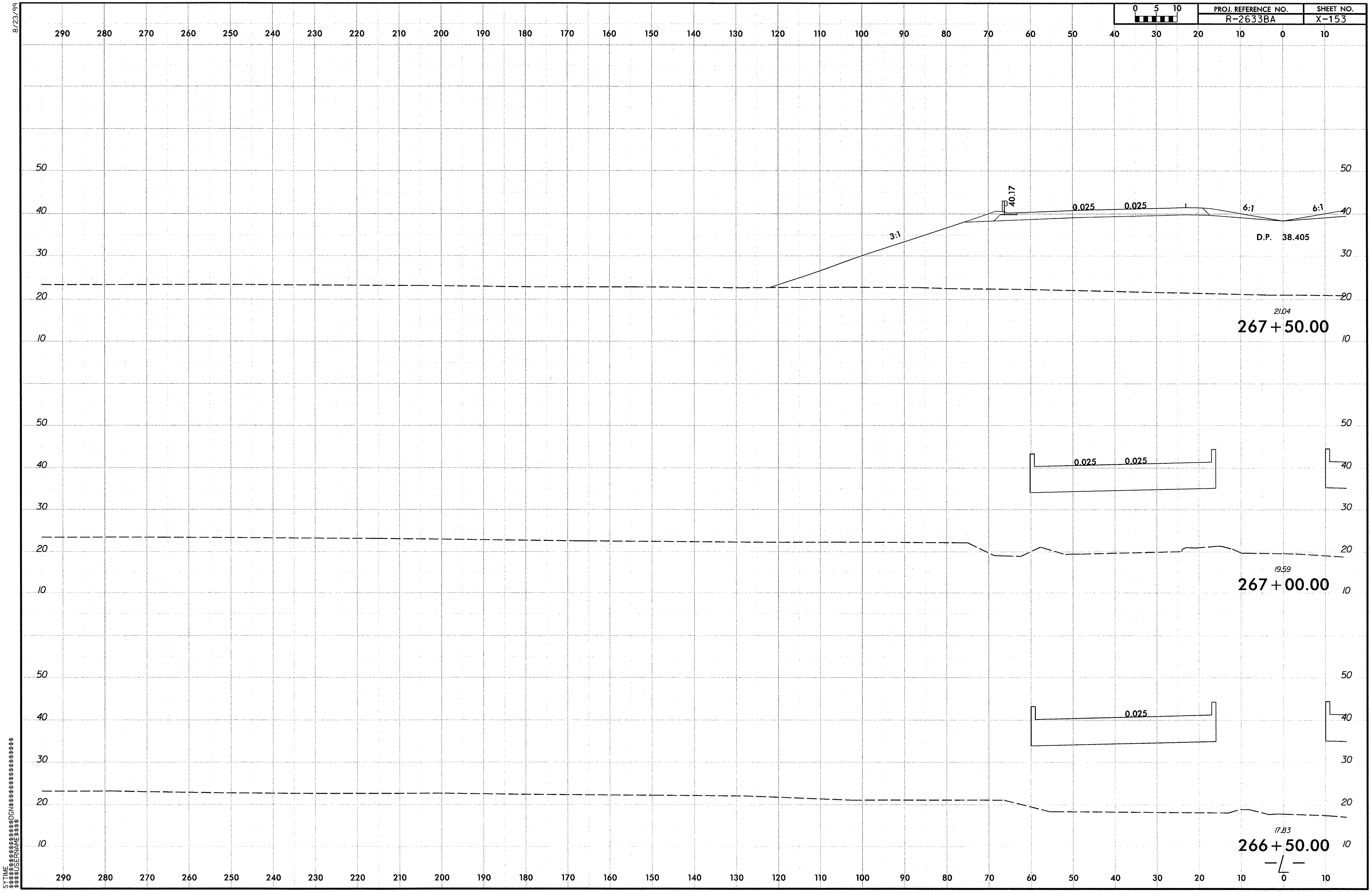
R-2633BA_Rdy_xpl_L_2.dgn 9/29/2013 12:28:44 PM



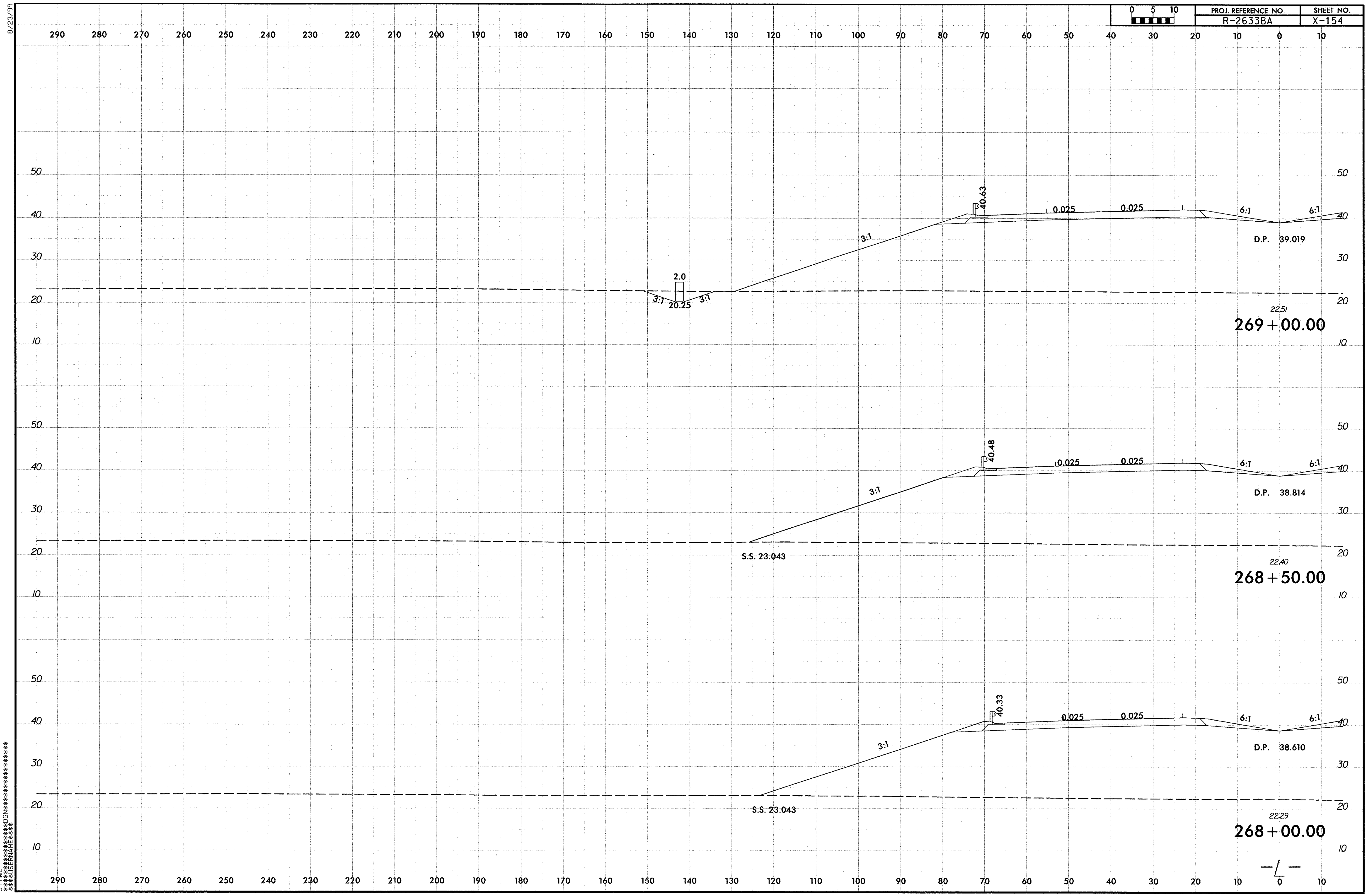
R-2633BA_Rdy_xpl_L_LT2.dgn 9/29/2013 12:28:45 PM



R-2633BA_Rdy_xpl_L_LT2.dgn 9/29/2013 12:28:45 PM

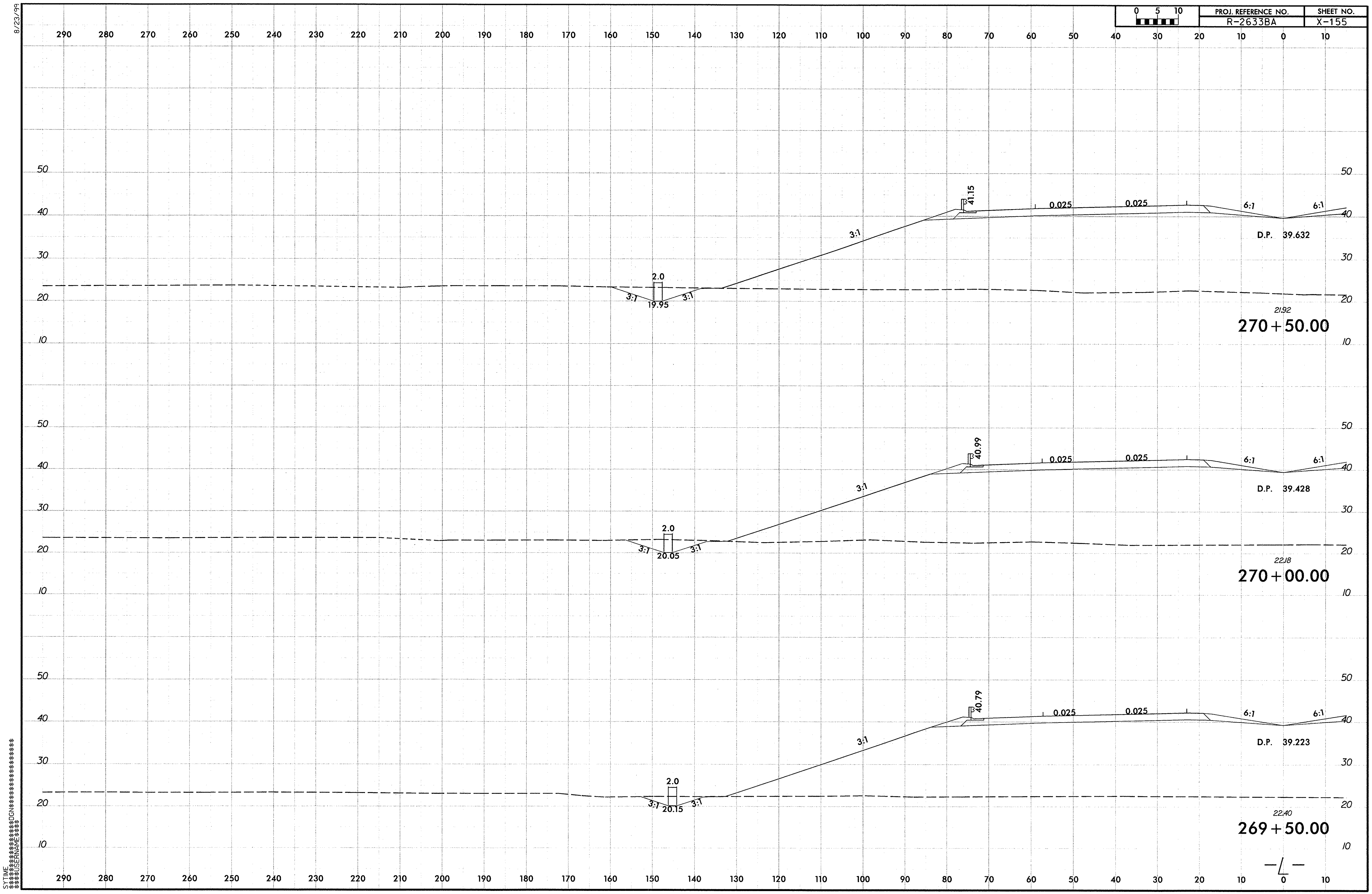


R-2633BA_Rdy_xpl_L_LT2.dgn 9/29/2013 12:28:46 PM



R-2633BA_Rdy_xpl_L_LT2.dgn 9/29/2013 12:28:46 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-155



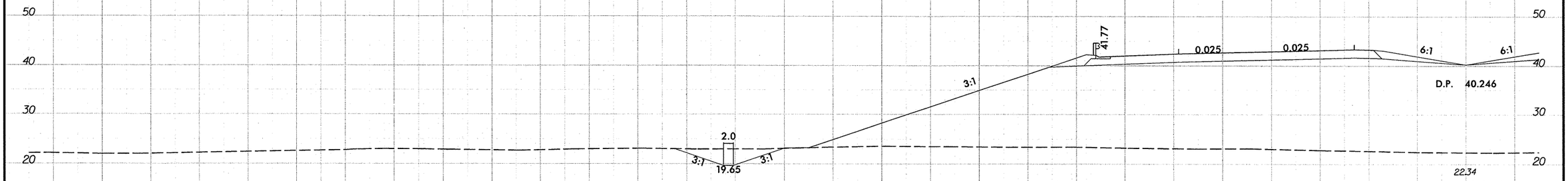
R-2633BA_Rdy_xpl_L_LT2.dgn 9/29/2013 12:28:47 PM

8/23/99

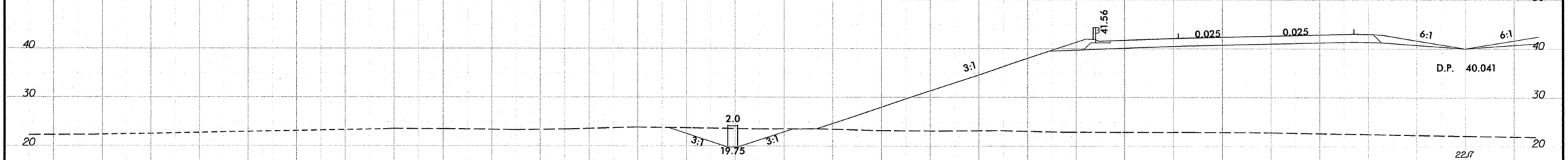
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-156

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

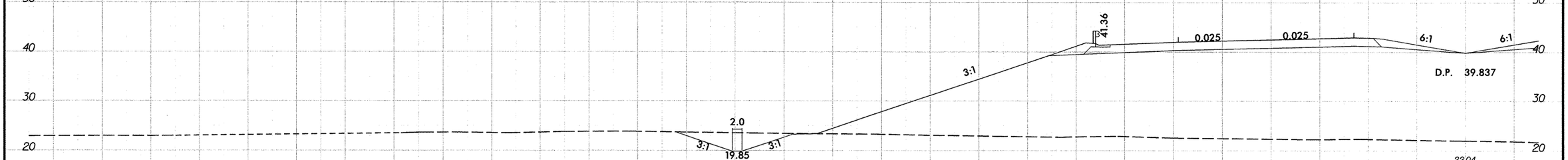
50 40 30 20 10



272+00.00



271+50.00



271+00.00

—L—

SYTIME
$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$

R-2633BA_Rdy_xpl_L_LT2.dgn 9/29/2013 12:28:47 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-2633BA	X-157

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

50 40 30 20 10

2.0
3:1 19.35 3:1
3:1
42.38
0.025 0.025
6:1 6:1
D.P. 40.859
22.08
273+50.00

2.0
3:1 19.45 3:1
3:1
42.18
0.025 0.025
6:1 6:1
D.P. 40.655
22.48
273+00.00

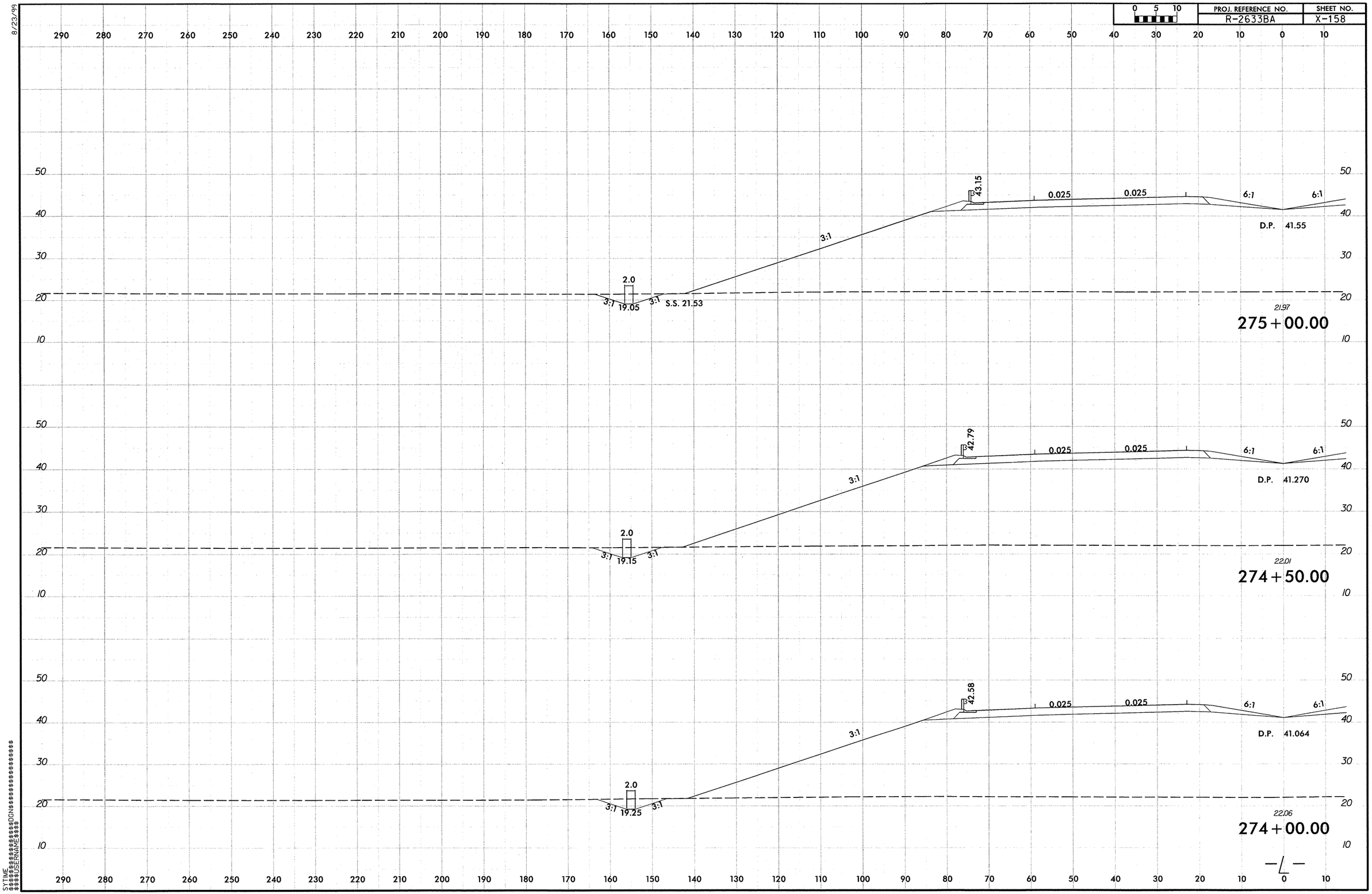
2.0
3:1 19.55 3:1
3:1
41.97
0.025 0.025
6:1 6:1
D.P. 40.450
22.76
272+50.00

—L—

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

SYTIME
$$$$USE_ENAME$$$$
$$$$DGN$$$$

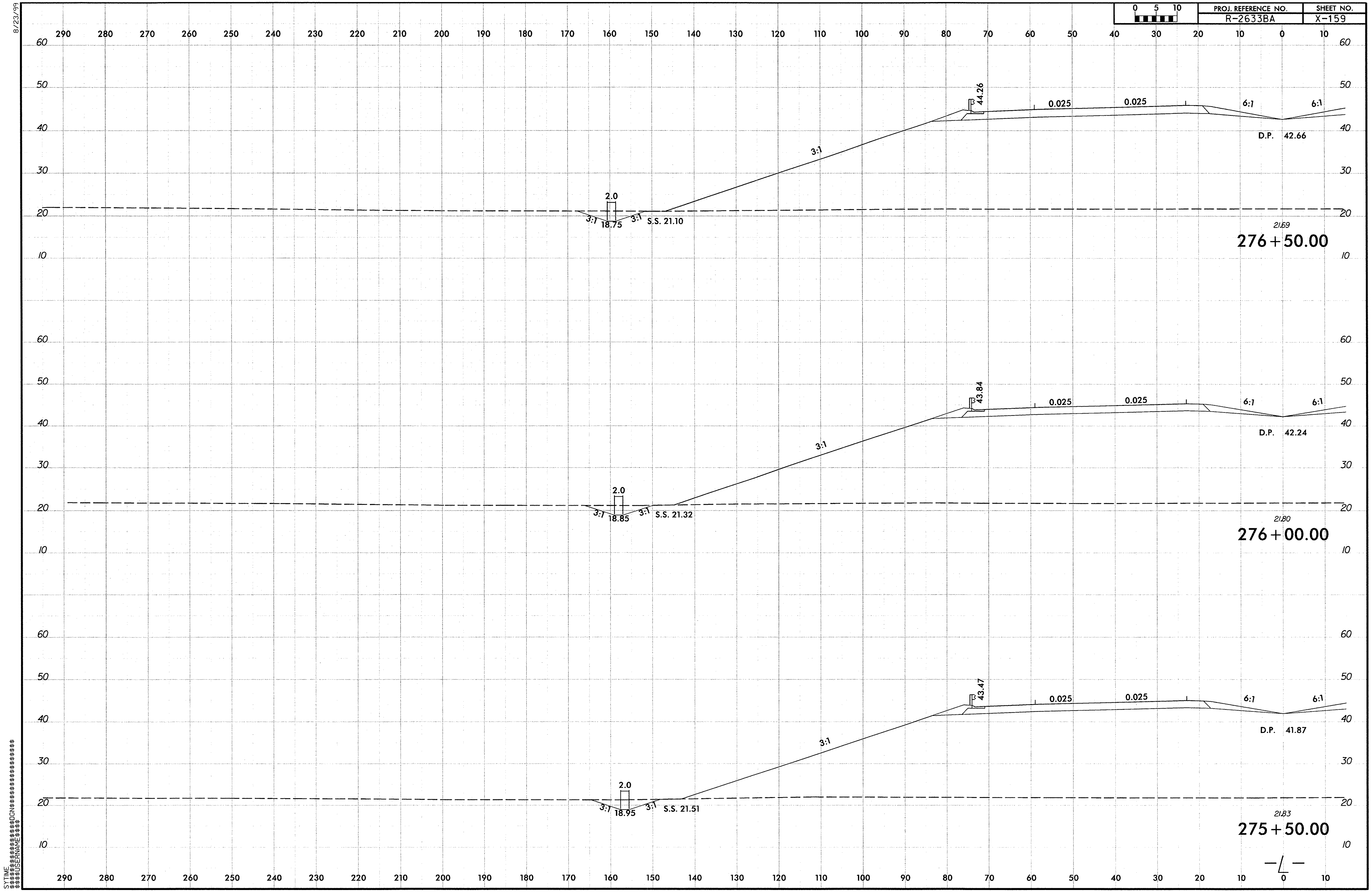
R-2633BA_Rdy_xpl_L_LT2.dgn 9/29/2013 12:28:48 PM



8/23/99

R-2633BA_Rdy_xpl_L_LT2.dgn 9/29/2013 12:28:48 PM

PROJ. REFERENCE NO.	SHEET NO.
R-2633BA	X-159



R-2633BA_Rdy_xpl_L_LT2.dgn 9/29/2013 12:28:49 PM