NC 211 CROSS SECTIONS
MOORE & HOKE COUNTIES

T.I.P. PROJECT R-5709C

STATE PROJECT # 50205.3.1

LINE	SHEET NO.
-L-	X-2 THRU X-222
-L2B-	X-223 THRU X-226
-RAB_L2-	X-227 THRU X-228
-Y10-	X-229 THRU X-231
-Y11-	X-232
-Y11A-	X-233
-Y11B-	X-234 THRU 235
-Y11C-	X-236
-Y11D-	X-237 THRU 239
-Y11E-	X-240
-Y12-	X-241
-Y12A-	X-242 THRU X-244
-Y13-	X-245 THRU X-248
-Y14-	X-249 THRU X-250
-Y15-	X-251
-Y16-	X-252 THRU X-253
-Y17-	X-254
-Y18-	X-255 THRU X-256
-Y19-	X-257 THRU X-259
-Y20-	X-260 THRU X-261
-Y20A-	X-262
-Y21-	X-263 THRU X-264
-Y22-	X-265
-Y23-	X-266
-Y24-	X-267 THRU X-268
-Y24A-	X-269 THRU X-270
-Y25-	X-271
-Y26-	X-272 THRU X-278

LINE	SHEET NO.
-Y26A-	X-279 THRU X-281
-Y27-	X-282
-SR1-	X-283 THRU X-284
-DR7-	X-285
-DR8-	X-286
-DR10-	X-287
-DET_RAB-	X-288 THRU X-293
-DET_Y27-	X-294 THRU X-295

UNDERCUT AREAS LEGEND

UNDERCUT EXCAVATION

SHALLOW UNDERCUT EXCAVATION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

8/23/99

8/28/2024
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jcrocker

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
PHASE ONE

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L1/LX1	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
312+00.00	0		0
312+50.00	10		29
313+00.00	19		14
313+50.00	27		7
314+00.00	26		4
314+50.00	20		9
315+00.00	25		11
315+50.00	31		11
316+00.00	31		13
316+50.00	26		13
317+00.00	19		10
317+50.00	15		9
318+00.00	19		9
318+50.00	27		6
319+00.00	34		4
319+50.00	31		5
320+00.00	21		10
320+50.00	12		30
321+00.00	5		72
321+50.00	2		119
322+00.00	0		157
322+50.00	2		188
323+00.00	38		223
323+50.00	71		256
324+00.00	78		286
324+50.00	115		308
325+00.00	134		286
325+50.00	127		213
326+00.00	158		126
326+50.00	179		77
327+00.00	173		87
327+50.00	163		141
328+00.00	140		218

Station L1_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
328+00.00	0		0
328+50.00	12		274
329+00.00	12		291
329+50.00	15		245
330+00.00	34		144
330+50.00	87		48
331+00.00	168		7
331+50.00	253		2
332+00.00	363		0
332+50.00	415		1
333+00.00	288		6
333+50.00	116		54
334+00.00	35		133
334+50.00	33		140
335+00.00	70		78
335+50.00	110		35

Station L1_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
336+00.00	132		38
336+50.00	134		67
337+00.00	75		241
337+50.00	24		778
338+00.00	23		1009
338+50.00	21		848
339+00.00	28		715
339+50.00	33		443
340+00.00	114		168
340+50.00	396		30
341+00.00	695		12
341+50.00	786		6
342+00.00	605		6
342+50.00	259		45
343+00.00	71		127
343+50.00	46		178
344+00.00	35		199
344+50.00	24		230
345+00.00	37		200
345+50.00	78		114
346+00.00	99		62
346+50.00	138		34
347+00.00	116		15
347+50.00	34		5
348+00.00	6		23
348+50.00	149		37
349+00.00	404		26
349+50.00	471		19
350+00.00	368		9
350+50.00	392		3
351+00.00	523		0
351+50.00	555		0
352+00.00	507		0
352+50.00	434		0
353+00.00	381		0
353+50.00	431		0
354+00.00	573	113	0
354+50.00	630	207	0
355+00.00	629	191	0
355+50.00	686	188	0
356+00.00	827	342	0
356+50.00	980	111	0
357+00.00	900		2
357+50.00	652		35
358+00.00	335		144
358+50.00	100		295
359+00.00	55		458
359+50.00	52		577
360+00.00	40		617
360+50.00	19		585
361+00.00	15		458
361+50.00	74		204
362+00.00	301		18

Station Y10	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
13+75.00	0		0
14+00.00	1		0
14+50.00	3		2
15+00.00	25		10
15+50.00	38		25
16+00.00	15		69
16+11.79	1		25
17+30.42	0		0
17+50.00	1		20
18+00.00	61		58
18+50.00	84		53
19+00.00	40		29
19+50.00	24		12
19+75.00	5		1

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
361+50.00	0		0
362+00.00	632		0
362+50.00	641		0
363+00.00	429		5
363+50.00	161		20
364+00.00	33		77
364+50.00	10		156
365+00.00	2		217
365+50.00	0		266
366+00.00	0		284
366+50.00	0		270
367+00.00	1		281
367+50.00	3		315
368+00.00	2		412
368+50.00	2		561
369+00.00	4		657
369+50.00	7		678
370+00.00	11		588
370+50.00	15		399
371+00.00	20		190
371+50.00	49		60
372+00.00	105		28
372+50.00	146		27
373+00.00	153		36
373+50.00	122		61
374+00.00	92		78
374+50.00	103		69
375+00.00	191		45
375+50.00	296		27
376+00.00	364		28
376+50.00	214		25
377+00.00	26		8
377+50.00	13		3
378+00.00	26		42
378+50.00	158		66

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
379+00.00	275		62
379+50.00	306		98
380+00.00	348		88
380+50.00	372		50
381+00.00	359		44
381+50.00	327		40
382+00.00	285		43
382+50.00	242		44
383+00.00	208		48
383+50.00	166		52
384+00.00	107		64

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
361+50.00	0		0
362+00.00	46		68
362+50.00	69		64
363+00.00	63		73
363+50.00	48		78
364+00.00	34		66
364+50.00	25		66
365+00.00	21		73
365+50.00	14		84
366+00.00	8		99
366+50.00	6		122
367+00.00	4		143
367+50.00	4		170
368+00.00	3		215
368+50.00	3		292
369+00.00	6		396
369+50.00	8		479
370+00.00	9		515
370+50.00	6		479
371+00.00	2		350
371+50.00	3		193
372+00.00	12		111
372+50.00	19		94
373+00.00	24		104
373+50.00	15		142
374+00.00	2		165
374+50.00	34		126
375+00.00	122		81
375+50.00	216		74
376+00.00	243		99
376+50.00	116		165
377+00.00	0		157
377+50.00	0		427
378+00.00	0		675
378+50.00	1		487
379+00.00	1		341
379+50.00	0		304
380+00.00	0	26	291

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
PHASE ONE

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
380+50.00	0	54	277
381+00.00	2	57	273
381+50.00	39	60	270
382+00.00	109	70	251
382+50.00	181	39	221
383+00.00	253		201
383+50.00	251		196
384+00.00	161		200
384+50.00	144		196
385+00.00	118		216
385+50.00	29		321
386+00.00	0		421
386+50.00	3		390
387+00.00	115		316
387+50.00	292		304
388+00.00	271		313
388+50.00	192		318
389+00.00	151		335
389+50.00	109		364
390+00.00	78		423
390+50.00	19		694
391+00.00	0		1909
391+50.00	0		3575

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
391+50.00	0		0
392+00.00	0		4551
392+50.00	0		5061
393+00.00	0		5330
393+50.00	0		5408
394+00.00	0		5505
394+50.00	0		5605
395+00.00	0		5520
395+50.00	0		4926
396+00.00	0		4068
396+50.00	0		2945
397+00.00	0		1487
397+50.00	2		549
398+00.00	36		266
398+50.00	37		225
399+00.00	19		240
399+50.00	34		247
400+00.00	19		303
400+50.00	2		1343
401+00.00	2		2758
401+50.00	74		1816
402+00.00	75		1043
402+50.00	3		1531
403+00.00	3		1441
403+50.00	2		1459
404+00.00	0		3081

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
404+50.00	0		4811
405+00.00	0		4917
405+50.00	0		4865
406+00.00	0		4732
406+50.00	0		4446
407+00.00	0		4111
407+50.00	0		3770
408+00.00	0		3391
408+50.00	0		3027
409+00.00	0		2624
409+50.00	0		2574
410+00.00	0		2686
410+50.00	0		3785
411+00.00	0		5505
411+50.00	0		5895
412+00.00	0		5430
412+50.00	0		4859
413+00.00	0		4269
413+50.00	0		3717
414+00.00	0		3223
414+50.00	0		2830
415+00.00	0		2463
415+50.00	0		2299
416+00.00	0		2317
416+50.00	0		1991
417+00.00	0		1485
417+50.00	0		1447
418+00.00	0		2020
418+50.00	0		2552
419+00.00	0		2797
419+50.00	0		2792
420+00.00	0		2463
420+50.00	0		1933
421+00.00	0		1381
421+50.00	0		878

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
421+50.00	0		0
422+00.00	12		322
422+50.00	135		19
423+00.00	403		0
423+50.00	683		0
424+00.00	851		0
424+50.00	726		0
425+00.00	287		36
425+50.00	10		103
426+00.00	1		158
426+50.00	0		176
427+00.00	0		240
427+50.00	0		238
428+00.00	0		160

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
428+50.00	0		204
429+00.00	0		337
429+50.00	0		513
430+00.00	0		688
430+50.00	0		828
431+00.00	0		993
431+50.00	0		1222
432+00.00	0		1410
432+50.00	0		1502
433+00.00	0		1430
433+50.00	1		982
434+00.00	1		711
434+50.00	2		917
435+00.00	3		1198
435+50.00	1		1318
436+00.00	0		1209
436+50.00	0		1048
437+00.00	0		723
437+50.00	4		327
438+00.00	4		369
438+50.00	0		713
439+00.00	0		861
439+50.00	0		818
440+00.00	0		729
440+50.00	1		616
441+00.00	3		506
441+50.00	3	32	412
442+00.00	1	76	352
442+50.00	0	43	305
443+00.00	0		321
443+50.00	0		342
444+00.00	0		406
444+50.00	0		514
445+00.00	0		682
445+50.00	0		1003
446+00.00	0		1349
446+50.00	0		1629
447+00.00	0		1458
447+50.00	0		1076
448+00.00	0		813
448+50.00	0		802
449+00.00	0		838
449+50.00	0		677
450+00.00	0		573
450+50.00	0		484
451+00.00	0		459
451+50.00	0		433

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
451+50.00	0		0
452+00.00	0		413

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
452+50.00	0		567
453+00.00	0		659
453+50.00	0		538
454+00.00	0		468
454+50.00	0		470
455+00.00	0		490
455+50.00	0		559
456+00.00	0		628
456+50.00	0		683
457+00.00	0		739
457+50.00	0		783
458+00.00	0		743
458+50.00	0		702
459+00.00	0		622
459+50.00	0		577
460+00.00	0		630
460+50.00	0		663
461+00.00	0		681
461+50.00	0		624
462+00.00	0		534
462+50.00	4		386
463+00.00	8		253
463+50.00	7		230
464+00.00	3		356
464+50.00	0		517
465+00.00	0		488
465+50.00	0		339
466+00.00	0		296
466+50.00	0		309
467+00.00	0		276
467+50.00	0		284
468+00.00	0		442
468+50.00	0		620
469+00.00	0		684
469+50.00	0		709
470+00.00	0		692
470+50.00	0		675
471+00.00	0		726
471+50.00	0		785
472+00.00	0		709
472+50.00	0		627
473+00.00	0		584
473+50.00	0		540
474+00.00	0		530
474+50.00	0		491
475+00.00	0		421
475+50.00	0		371
476+00.00	0		456
476+50.00	0		677
477+00.00	0		845
477+50.00	0		1213
478+00.00	0		1428
478+50.00	0		1298

8/28/2024
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jcrocker

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
PHASE ONE

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
479+00.00	0		1200
479+50.00	0		983
480+00.00	0		818
480+50.00	28		728
481+00.00	36		632
481+50.00	8		577

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
481+50.00	0		0
482+00.00	0		510
482+50.00	0		417
483+00.00	0		313
483+50.00	62		133
484+00.00	129		5
484+50.00	140		2
485+00.00	218		1
485+50.00	316		0
486+00.00	351		0
486+50.00	329		0
487+00.00	266		0
487+50.00	164		3
488+00.00	63		26
488+50.00	28		44
489+00.00	14		61
489+50.00	16		106
490+00.00	21		204
490+50.00	17		269
491+00.00	21		249
491+50.00	25		260
492+00.00	37		273
492+50.00	37		280
493+00.00	22		271
493+50.00	27		159
494+00.00	49		65
494+50.00	73		49
495+00.00	65		87
495+50.00	27		201
496+00.00	12		371
496+50.00	12		539
497+00.00	14		616
497+50.00	14		798
498+00.00	10		1124
498+50.00	3		1374
499+00.00	0		1682
499+50.00	0		1757
500+00.00	0		1593
500+50.00	0		1512
501+00.00	0		1394
501+50.00	0		1202
502+00.00	0		948
502+50.00	0		738

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
503+00.00	0		609
503+50.00	0		586
504+00.00	0		639
504+50.00	0		682
505+00.00	0		726
505+50.00	0		751
506+00.00	0		739
506+50.00	6		650
507+00.00	15		460
507+50.00	25		287
508+00.00	31		153
508+50.00	68		60
509+00.00	137		19
509+50.00	208		5
510+00.00	275		1
510+50.00	354		0
511+00.00	413		0
511+50.00	461		0

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
511+50.00	0		0
512+00.00	541		0
512+50.00	571		0
513+00.00	520		0
513+50.00	433		0
514+00.00	323		0
514+50.00	144		36
515+00.00	17		188
515+50.00	1		383
516+00.00	0		521
516+50.00	0		654
517+00.00	0		834
517+50.00	0		991
518+00.00	0		1129
518+50.00	0		1181
519+00.00	0		1046
519+50.00	0		857
520+00.00	0		655
520+50.00	0		489
521+00.00	0		422
521+50.00	0		440
522+00.00	0		558
522+50.00	0		738
523+00.00	0		732
523+50.00	0		577
524+00.00	0		498
524+50.00	0		465
525+00.00	0		482
525+50.00	0		510
526+00.00	0		561
526+50.00	0		631

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
527+00.00	0		739
527+50.00	0		692
528+00.00	0		639
528+50.00	0		867
529+00.00	0		955
529+50.00	0		893
530+00.00	0		839
530+50.00	0		699
531+00.00	0		556
531+50.00	0		473
532+00.00	0		404
532+50.00	0		224
533+00.00	0		87
533+50.00	0		128
534+00.00	0		287
534+50.00	0		382
535+00.00	0		380
535+50.00	0		384
536+00.00	0		375
536+50.00	0		387
537+00.00	0		400
537+50.00	0		383
538+00.00	0		323
538+50.00	1		225
539+00.00	28		118
539+50.00	74		66
540+00.00	67		74
540+50.00	35		102
541+00.00	22		110
541+50.00	30		162

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
541+50.00	0		0
542+00.00	22		258
542+50.00	0		459
543+00.00	16		844
543+50.00	16		1448
544+00.00	0		1938
544+50.00	0		2165
545+00.00	18		2197
545+50.00	19		2093
546+00.00	2		2103
546+50.00	1		1926
547+00.00	5		1516
547+50.00	4		1056
548+00.00	0		748
548+50.00	0		711
549+00.00	0		776
549+50.00	0		876
550+00.00	0		914
550+50.00	0		814

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
551+00.00	0		578
551+50.00	19		261
552+00.00	172		47
552+50.00	545		0
553+00.00	1039		0
553+50.00	1415		0
554+00.00	1664		0
554+50.00	1766		0
555+00.00	1488		0
555+50.00	897		0
556+00.00	281		71
556+50.00	2		407
557+00.00	0		930
557+50.00	0		1595
558+00.00	0		2536
558+50.00	0		3594
559+00.00	0		4311
559+50.00	0		4510
560+00.00	0		4306
560+50.00	0		3720
561+00.00	0		2834
561+50.00	0		1725
562+00.00	2		762
562+50.00	83		220
563+00.00	170		24
563+50.00	111		78
564+00.00	22		448
564+50.00	0		1094
565+00.00	0	809	2150
565+50.00	0	1925	3258
566+00.00	0	2096	3883
566+50.00	0	1908	4225
567+00.00	0	927	3459
567+50.00	0		2117
568+00.00	0		1320
568+50.00	0		686
569+00.00	3		202
569+50.00	168		4
570+00.00	347		0
570+50.00	377		0
571+00.00	353		0
571+50.00	243		0

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
571+50.00	0		0
572+00.00	101		15
572+50.00	16		159
573+00.00	1		443
573+50.00	0		868
574+00.00	0		1299
574+50.00	0		1518

8/28/2024
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dbrocker

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1D

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
PHASE ONE

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
575+00.00	0		1511
575+50.00	0		1163
576+00.00	0		696
576+50.00	0		503
577+00.00	0		505
577+50.00	0		483
578+00.00	2		303
578+50.00	40		83
579+00.00	97		5
579+50.00	204		0
580+00.00	276		0
580+50.00	195		0
581+00.00	91		9
581+50.00	36		65
582+00.00	8		216
582+50.00	0		342
583+00.00	0		477
583+50.00	0		606
584+00.00	0		611
584+50.00	0		561
585+00.00	0		489
585+50.00	0		412
586+00.00	0		337
586+50.00	0		296
587+00.00	0		294
587+50.00	0		311
588+00.00	0		330
588+50.00	0		364
589+00.00	0		433
589+50.00	0		554
590+00.00	0		591
590+50.00	0		593
591+00.00	0		590
591+50.00	0		479
592+00.00	0		334
592+50.00	4		198
593+00.00	47		71
593+50.00	154		0
594+00.00	258		0
594+50.00	269		0
595+00.00	179		19
595+50.00	98		137
596+00.00	68		345
596+50.00	32		535
597+00.00	11		615
597+50.00	14		590
598+00.00	35		524
598+50.00	69		414
599+00.00	99		340
599+50.00	105		262
600+00.00	125		149
600+50.00	158		88
601+00.00	158		74

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
601+50.00	150		81
602+00.00	141		89
602+50.00	124		122
603+00.00	95		175
603+50.00	75		216
604+00.00	66		246
604+50.00	60		241
605+00.00	69		207
605+50.00	86		178
606+00.00	92		184
606+50.00	81		246
607+00.00	36		337
607+50.00	0		427
608+00.00	0		523
608+50.00	0		609
609+00.00	0		673
609+50.00	0		734
610+00.00	0		750
610+50.00	0		702
611+00.00	0		459
611+50.00	0		197
612+00.00	0		151
612+50.00	0		216
613+00.00	0		309
613+50.00	0		399
614+00.00	0		494
614+50.00	0		560
615+00.00	0		585
615+50.00	0		557
616+00.00	0		454
616+50.00	0		400
617+00.00	0		432
617+50.00	0		456
618+00.00	0		491
618+50.00	0		530
619+00.00	0		566
619+50.00	0		597
620+00.00	0		614
620+50.00	0		575
621+00.00	0		501
621+50.00	0		408
622+00.00	0		346
622+50.00	0		262
623+00.00	0		214
623+50.00	8		258
624+00.00	16		219
624+50.00	16		174
625+00.00	13		214

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
625+50.00	9		265
626+00.00	8		308
626+50.00	8		335
627+00.00	15		308
627+50.00	22		250
628+00.00	20		216
628+50.00	14		220
629+00.00	13		239
629+50.00	19		262
630+00.00	24		295
630+50.00	24		336
631+00.00	21		361
631+50.00	27		354

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
631+50.00	0		0
632+00.00	38		331
632+50.00	54		306
633+00.00	88		228
633+50.00	127		164
634+00.00	157		137
634+50.00	189		82
635+00.00	231		47
635+50.00	276		27
636+00.00	297		21
636+50.00	284		35
637+00.00	256		42
637+50.00	222		65
638+00.00	205		87
638+50.00	169		133
639+00.00	129		166
639+50.00	132		131
640+00.00	145		101
640+50.00	148		86
641+00.00	142		82
641+50.00	144		57
642+00.00	186		62
642+50.00	193		121
643+00.00	140		166
643+50.00	60		204
644+00.00	0		190
644+50.00	0		179
645+00.00	0		256
645+50.00	0		365
646+00.00	0		493
646+50.00	0		634
647+00.00	0		768
647+50.00	0		882
648+00.00	0		1005
648+50.00	0		1034
649+00.00	0		1348

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
649+50.00	0		1456
650+00.00	0		1025
650+50.00	0		728
651+00.00	0		560
651+50.00	0		504
652+00.00	0		488
652+50.00	0		458
653+00.00	0		421
653+50.00	0		377
654+00.00	0	18	306
654+50.00	0	63	234
655+00.00	0	71	209
655+50.00	0	47	242
656+00.00	2		351
656+50.00	3		470
657+00.00	3		511
657+50.00	17		456
658+00.00	82		303
658+50.00	208		117
659+00.00	338		17
659+50.00	337		17
660+00.00	280		19
660+50.00	270		11
661+00.00	234		38
661+50.00	193		89

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
661+50.00	0		0
662+00.00	183		119
662+50.00	179		128
663+00.00	145		171
663+50.00	82		298
664+00.00	29		462
664+50.00	11		536
665+00.00	6		542
665+50.00	18		553
666+00.00	30		542
666+50.00	14		577
667+00.00	0		576
667+50.00	0		457
668+00.00	0		316
668+50.00	0		241
669+00.00	0		273
669+50.00	0		331
670+00.00	0		368
670+50.00	0		429
671+00.00	0		486
671+50.00	0		417
672+00.00	0		334
672+50.00	0		288
673+00.00	1		186

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1E

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
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NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
673+50.00	2		137
674+00.00	5		121
674+50.00	10		59
675+00.00	23		44
675+50.00	51		33
676+00.00	136		0
676+50.00	224		0
677+00.00	225		0
677+50.00	217		0
678+00.00	226		2
678+50.00	223		8
679+00.00	173		14
679+50.00	86		50
680+00.00	36		101
680+50.00	20		137
681+00.00	21		177
681+50.00	23		194
682+00.00	20		184
682+50.00	24		171
683+00.00	32		145
683+50.00	38		114
684+00.00	43		95
684+50.00	45		90
685+00.00	36		109
685+50.00	15		205
686+00.00	6		320
686+50.00	5		490
687+00.00	0		644
687+50.00	0		611
688+00.00	0		543
688+50.00	0		488
689+00.00	0		442
689+50.00	0		516
690+00.00	1		608
690+50.00	1		631
691+00.00	2		660
691+50.00	4		629

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
691+50.00	0		0
692+00.00	7		372
692+50.00	14		159
693+00.00	30		161
693+50.00	55	61	148
694+00.00	78	139	118
694+50.00	113	176	97
695+00.00	153	212	69
695+50.00	186	238	34
696+00.00	218	253	9
696+50.00	257	261	0
697+00.00	259	265	1

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
697+50.00	200	261	17
698+00.00	133	236	59
698+50.00	85	109	105
699+00.00	48		137
699+50.00	43		148
700+00.00	81		105
700+50.00	276	191	45
701+00.00	461	379	15
701+50.00	472	345	1
702+00.00	419	281	1
702+50.00	342	217	0
703+00.00	294	186	3
703+50.00	289	186	6
704+00.00	331	196	4
704+50.00	368	216	3
705+00.00	322	233	10
705+50.00	248	120	37
706+00.00	207		111
706+50.00	182		172
707+00.00	145		215
707+50.00	58		364
708+00.00	0		408
708+50.00	0		388
709+00.00	0		414
709+50.00	0		353
710+00.00	5		313
710+50.00	23		272
711+00.00	51		231
711+50.00	32		254
712+00.00	0		322
712+50.00	0		412
713+00.00	0		490
713+50.00	0		622
714+00.00	0		755
714+50.00	0		833
715+00.00	0		971
715+50.00	0		1105
716+00.00	0		1165
716+50.00	0		1187
717+00.00	0		1153
717+50.00	0		992
718+00.00	0		743
718+50.00	0		567
719+00.00	0		546
719+50.00	0		612
720+00.00	0		707
720+50.00	0		769
721+00.00	0		755
721+50.00	0		616

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
721+50.00	0		0
722+00.00	0		599
722+50.00	0		674
723+00.00	0		630
723+50.00	0		531
724+00.00	15	96	398
724+50.00	51	466	219
725+00.00	180	555	48
725+50.00	397	534	0
726+00.00	491	489	0
726+50.00	446	472	0
727+00.00	388	332	0
727+50.00	269	195	8
728+00.00	127	157	73
728+50.00	79	179	119
729+00.00	106	235	103
729+50.00	98	221	109
730+00.00	54	157	177
730+50.00	53	109	226
731+00.00	75	79	230
731+50.00	42	51	277
732+00.00	0	65	441
732+50.00	0	87	601
733+00.00	0	25	589
733+50.00	0		511
734+00.00	0		427
734+50.00	0		318
735+00.00	1	38	231
735+50.00	4	98	161
736+00.00	36	148	78
736+50.00	68	135	105
737+00.00	35	77	223
737+50.00	0	30	340
738+00.00	0		398
738+50.00	0		560
739+00.00	0		700
739+50.00	0		606
740+00.00	0		526
740+50.00	0		593
741+00.00	0		724
741+50.00	0		804
742+00.00	0		812
742+50.00	0		731
743+00.00	0		602
743+50.00	0		484
744+00.00	0	11	402
744+50.00	2	41	296
745+00.00	39	77	192
745+50.00	79	47	129
746+00.00	73		108
746+50.00	62		107
747+00.00	48		122
747+50.00	20		181

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
748+00.00	4		275
748+50.00	0		395
749+00.00	0		321
749+50.00	0		179
750+00.00	0		209
750+50.00	0		286
751+00.00	1		370
751+50.00	1		452

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
751+50.00	0		0
752+00.00	0		567
752+50.00	0		701
753+00.00	0		658
753+50.00	0		534
754+00.00	0		496
754+50.00	0		471
755+00.00	0		461
755+50.00	0		454
756+00.00	0		430
756+50.00	40	12	361
757+00.00	62	31	297
757+50.00	51	81	209
758+00.00	87	157	85
758+50.00	103	176	39
759+00.00	124	169	40
759+50.00	126	173	31
760+00.00	85	160	45
760+50.00	53	138	81
761+00.00	23	109	136
761+50.00	7	78	195
762+00.00	0	46	264
762+50.00	0	22	323
763+00.00	0	20	336
763+50.00	6	59	241
764+00.00	10	66	152
764+50.00	11	151	98
765+00.00	35	367	48
765+50.00	98	397	31
766+00.00	114	302	6
766+50.00	71	243	16
767+00.00	70	341	26
767+50.00	43	132	129
768+00.00	0	37	246
768+50.00	0		315
769+00.00	0		399
769+50.00	11		342
770+00.00	17		247
770+50.00	19		187
771+00.00	30		102
771+50.00	43		42

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1F

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
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PHASE ONE

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
772+00.00	85		8
772+50.00	112		2
773+00.00	134		4
773+50.00	216		5
774+00.00	235		5
774+50.00	164		13
775+00.00	108		65
775+50.00	58		162
776+00.00	43		205
776+50.00	66		176
777+00.00	78		121
777+50.00	81		101
778+00.00	81		120
778+50.00	81	96	129
779+00.00	78	197	125
779+50.00	65	226	99
780+00.00	56	260	76
780+50.00	61	211	69
781+00.00	56	146	100
781+50.00	48	145	130

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
781+50.00	0		0
782+00.00	44	163	125
782+50.00	41	151	149
783+00.00	38	125	181
783+50.00	50	147	157
784+00.00	42	147	168
784+50.00	19	61	232
785+00.00	16		249
785+50.00	16		235
786+00.00	20		222
786+50.00	24		203
787+00.00	34		170
787+50.00	72		123
788+00.00	87		161
788+50.00	64		213
789+00.00	78		188
789+50.00	105		182
790+00.00	118		184
790+50.00	137		171
791+00.00	164		153
791+50.00	198		136
792+00.00	228		130
792+50.00	228		155
793+00.00	201		204
793+50.00	169		255
794+00.00	143		299
794+50.00	66		228
795+00.00	0		162
795+50.00	0		195

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
796+00.00	0		327
796+50.00	0		452
797+00.00	0		419
797+50.00	0		338
798+00.00	0		299
798+50.00	0		345
799+00.00	0		438
799+50.00	0		530
800+00.00	0		625
800+50.00	0		665
801+00.00	0		576
801+50.00	0		482
802+00.00	0		410
802+50.00	0		313
803+00.00	2		212
803+50.00	5		153
804+00.00	10		129
804+50.00	14		112
805+00.00	15		119
805+50.00	8		137
806+00.00	2		204
806+50.00	0		336
807+00.00	0		434
807+50.00	0		395
808+00.00	50		280
808+50.00	121		181
809+00.00	142		138
809+50.00	71		131
810+00.00	0		109
810+50.00	0		140
811+00.00	0		319
811+50.00	0		444

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
811+50.00	0		0
812+00.00	0		448
812+50.00	0		415
813+00.00	0	44	305
813+50.00	0	101	200
814+00.00	0	120	144
814+50.00	0	127	124
815+00.00	0	129	121
815+50.00	0	130	114
816+00.00	0	130	109
816+50.00	0	133	108
817+00.00	0	134	107
817+50.00	0	131	117
818+00.00	0	120	154
818+50.00	0	55	202
819+00.00	0		242
819+50.00	0		245

Station L2_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
820+00.00	0		222
820+50.00	0		217
821+00.00	3		208
821+50.00	8		199
822+00.00	5		253
822+50.00	0		277
823+00.00	0		351

Station RAB_L2	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	0		0
10+50.00	14	59	570
11+00.00	0	27	689
11+50.00	0	6	725
12+00.00	0	27	566
12+50.00	0	64	466
13+00.00	0	78	398
13+50.00	0	59	414
14+00.00	0	60	508
14+02.12	0	3	24

Station L2B	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
825+05.18	0		0
825+50.00	0		183
826+00.00	0		191
826+50.00	1		165
827+00.00	2		147
827+50.00	2		136
828+00.00	2		131
828+50.00	2		124
829+00.00	2		116
829+50.00	1		111
830+00.00	1		118
830+50.00	1		136
831+00.00	0		162
831+50.00	0		182
832+00.00	1		176
832+50.00	1		148
833+00.00	1		116
833+50.00	2		96
834+00.00	4		85
834+50.00	6		84
835+00.00	7		81
835+30.00	2		23

Station Y11	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+48.18	0		0
10+50.00	0		7
11+00.00	5		136
11+50.00	0		50
12+00.00	1		5
12+45.00	1		1

Station Y11A	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+25.00	0		0
10+50.00	4		0
11+00.00	9		21
11+50.00	0		48
12+00.00	8		255
12+18.70	6		170

Station Y11C	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+15.00	0		0
10+50.00	1		1
11+00.00	1		17
11+50.00	0		156
11+85.66	0		198

Station Y11D	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	0		0
10+50.00	3		3
11+00.00	3		9
11+50.00	0		30
12+00.00	0		123
12+50.00	0		439
13+00.00	0		916
13+50.00	0		1405
14+00.00	0		2160
14+50.00	0		3546
15+00.00	0		5691
15+25.90	0		3601

Station Y12A	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+46.49	0		0
11+00.00	0		286
11+50.00	0		157
12+00.00	2		25
12+25.00	1		1
16+15.00	0		0
16+50.00	13		1
17+00.00	18		43
17+50.00	0		290
17+70.89	0		207

8/28/2024
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brocker

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1G

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
PHASE ONE

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station Y14	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+95.00	0		0
11+00.00	3		0
11+50.00	114		4
12+00.00	157		8
12+50.00	134		4
13+00.00	58		79
13+50.00	0		232
14+00.00	0		405
14+50.00	0		656
15+00.00	0		1045
15+50.00	0		1859
15+63.31	0		648

Station Y15	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
11+75.00	0		0
12+00.00	1		2
12+50.00	3		8
13+00.00	2		12
13+50.00	1		7
14+00.00	1		0
14+50.00	1		163
15+00.00	0		641
15+09.60	0		183

Station Y16	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
14+25.00	0		0
14+50.00	3		1
15+00.00	13		8
15+50.00	11		20
16+00.00	5		65
16+50.00	0		157
17+00.00	0		269
17+50.00	0		345
18+00.00	0		332
18+50.00	1		390
18+71.79	1		209

Station Y18	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
12+25.00	0		0
12+50.00	2		0
13+00.00	6		2
13+50.00	4		2
14+00.00	2		5
14+50.00	2		14
15+00.00	22		60
15+17.08	14		34

Station Y19	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+75.00	0		0
11+00.00	11		2
11+50.00	39		10
12+00.00	17		19
12+50.00	2		13
13+00.00	1		0
13+50.00	5		0
14+00.00	5		0
14+50.00	1		387
14+89.35	0		609

Station Y20	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
12+85.00	0		0
13+50.00	2		8
14+00.00	3		22
14+50.00	3		36
15+00.00	2		58
15+29.36	1		44

Station Y22	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+15.00	0		0
10+50.00	7		1
11+00.00	23		4
11+50.00	17		33
11+98.92	8		57

Station Y24	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
11+65.00	0		0
12+50.00	17		12
13+00.00	29		12
13+50.00	42		12
14+00.00	57		7
14+50.00	86		47
15+00.00	124		214
15+24.06	69		161

Station Y25	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
13+65.00	0		0
14+00.00	9		0
14+50.00	29		0
15+00.00	35		6
15+39.93	32		8

Station Y27	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
9+50.00	0		0
10+00.00	0		0
10+50.00	3		27
11+00.00	5		53
11+50.00	6		58
12+00.00	12		91
12+50.00	8		201
13+00.00	0		605
13+06.46	0		119

Station Dr7	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+60.00	0		0
11+00.00	0		11
11+50.00	0		159
11+90.59	0		236

Station Dr8	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+85.00	0		0
11+00.00	8		0
11+50.00	26		72
12+00.00	0		270
12+10.60	0		84

Station Dr10	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+60.00	0		0
11+00.00	26		0
11+50.00	34		1
12+00.00	2		83
12+50.00	0		232
12+74.60	0		148

Station L2/DET_RAB	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
816+67.07	0		0
817+00.00	31		0
817+50.00	93		0
818+00.00	93		0
818+50.00	90		0
819+00.00	84		0
819+50.00	85		0
820+00.00	105		0
820+50.00	148		0
821+00.00	143		0
821+50.00	112		0
822+00.00	99		2
822+50.00	79		16

Station L2/DET_RAB	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
823+00.00	91		53
823+50.00	135		102
823+73.31	52		29
824+08.03	0		0
824+50.00	66		12
825+00.00	91		4
825+50.00	128		0
826+00.00	184		0
826+50.00	199		0
827+00.00	157		0
827+50.00	91		0
828+00.00	41		3
828+50.00	36		3
829+00.00	30		1
829+44.33	12		0

Station Det_Y27	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+70.00	0		0
11+00.00	17		1
11+50.00	62		19
12+00.00	62		32
12+50.00	67		35
13+00.00	93		59
13+50.00	111		83
14+00.00	149		114
14+50.00	190		161
15+00.00	250		236
15+50.00	279		265
15+64.13	59		55

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

PHASE TWO

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L1_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
328+00.00	0		0
328+50.00	86		17
329+00.00	56		19
329+50.00	40		17
330+00.00	41		14
330+50.00	31		16
331+00.00	19		15
331+50.00	23		11
332+00.00	42		13
332+50.00	59		16
333+00.00	61		23
333+50.00	48		36
334+00.00	20		56
334+50.00	3		83
335+00.00	1		97
335+50.00	3		76
336+00.00	33		48
336+50.00	85		95
337+00.00	83		187
337+50.00	28		309
338+00.00	0		672
338+50.00	0		1012
339+00.00	0		993
339+50.00	0		733
340+00.00	0		402
340+50.00	4		216
341+00.00	5		145
341+50.00	1		92
342+00.00	0		74
342+50.00	2		60
343+00.00	3		78
343+50.00	0		139
344+00.00	0		219
344+50.00	0		264
345+00.00	0		250
345+50.00	0		191
346+00.00	0		134
346+50.00	4		107
347+00.00	30		68
347+50.00	29		22
348+00.00	22		9
348+50.00	46		12
349+00.00	100		8
349+50.00	346		23
350+00.00	321		40
350+50.00	95		37
351+00.00	104		20
351+50.00	110		6
352+00.00	104		2
352+50.00	101		6
353+00.00	105		13
353+50.00	121		14
354+00.00	158	130	10

Station L1_RT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
354+50.00	199	270	4
355+00.00	225	273	0
355+50.00	239	272	2
356+00.00	246		5
356+50.00	245		11
357+00.00	186		31
357+50.00	93		89
358+00.00	46		173
358+50.00	33		261
359+00.00	14		358
359+50.00	0		418
360+00.00	0		400
360+50.00	0		329
361+00.00	0		259
361+50.00	0		188
362+00.00	5		110

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
384+00.00	0		0
384+50.00	163		70
385+00.00	133		68
385+50.00	12		71
386+00.00	27		82
386+50.00	94		90
387+00.00	154		89
387+50.00	85		84
388+00.00	5		82
388+50.00	3		92
389+00.00	2		113
389+50.00	2		115
390+00.00	3		147
390+50.00	3		234
391+00.00	2		322
391+50.00	0		439
392+00.00	0		499
392+50.00	0		500
393+00.00	0		530
393+50.00	0		530
394+00.00	0		497
394+50.00	1		483
395+00.00	2		445
395+50.00	2		418
396+00.00	5		379
396+50.00	7		269
397+00.00	7		137
397+50.00	107		38
398+00.00	376		15
398+50.00	528		16
399+00.00	573		13
399+50.00	534		8
400+00.00	232		11

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
400+50.00	17		9
401+00.00	2		2
401+50.00	0		0
402+00.00	1		29
402+50.00	1		119
403+00.00	1		213
403+50.00	2		310
404+00.00	4		395
404+50.00	4		410
405+00.00	3		395
405+50.00	2		347
406+00.00	2		313
406+50.00	2		318
407+00.00	3		305
407+50.00	5		276
408+00.00	5		262
408+50.00	3		267
409+00.00	1		272
409+50.00	1		275
410+00.00	1		280
410+50.00	0		270
411+00.00	0		271
411+50.00	0		281
412+00.00	0		299
412+50.00	0		361
413+00.00	0		414
413+50.00	0		429
414+00.00	0		432

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
414+00.00	0		0
414+50.00	0		459
415+00.00	0		483
415+50.00	0		491
416+00.00	0		499
416+50.00	0		476
417+00.00	0		411
417+50.00	0		356
418+00.00	0		338
418+50.00	0		371
419+00.00	0		450
419+50.00	0		482
420+00.00	1		440
420+50.00	2		371
421+00.00	3		284
421+50.00	4		175
422+00.00	95		103
422+50.00	275		86
423+00.00	443		77
423+50.00	560		68
424+00.00	630		64

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
424+50.00	333		52
425+00.00	2		35
425+50.00	1		23
426+00.00	81		50
426+50.00	189		70
427+00.00	244		54
427+50.00	248		49
428+00.00	280		53
428+50.00	308		67
429+00.00	277		79
429+50.00	268		80
430+00.00	254		77
430+50.00	216		81
431+00.00	161		91
431+50.00	66		107
432+00.00	1		105
432+50.00	3		101
433+00.00	5		203
433+50.00	8		356
434+00.00	38		362
434+50.00	70		156
435+00.00	67		0
435+50.00	63		78
436+00.00	43		178
436+50.00	33		164
437+00.00	47		79
437+50.00	45		32
438+00.00	44		30
438+50.00	37		43
439+00.00	41		58
439+50.00	58		45
440+00.00	56		30
440+50.00	35		17
441+00.00	18		5
441+50.00	13		4
442+00.00	12		9
442+50.00	14		15
443+00.00	13		25
443+50.00	11		27
444+00.00	11		22

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
444+00.00	0		0
444+50.00	10		26
445+00.00	4		44
445+50.00	0		72
446+00.00	0		137
446+50.00	0		209
447+00.00	0		264
447+50.00	0		338
448+00.00	0		340

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PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-11

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
PHASE TWO

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
449+50.00	0		0
450+00.00	115		198
450+50.00	152		138
451+00.00	171		127
451+50.00	159		122
452+00.00	129		115
452+50.00	120		132
453+00.00	119		135
453+50.00	103		113
454+00.00	100		106
454+50.00	101		93
455+00.00	84		76
455+50.00	70		74
456+00.00	64		91
456+50.00	52		117
457+00.00	40		136
457+50.00	32		149
458+00.00	27		157
458+50.00	33		141
459+00.00	48		111
459+50.00	62		95
460+00.00	39		123
460+50.00	24		150
461+00.00	29		143
461+50.00	43		109
462+00.00	82		56
462+50.00	111		28
463+00.00	116		20
463+50.00	104		17
464+00.00	105		25
464+50.00	103		43
465+00.00	103		61
465+50.00	98		72
466+00.00	94		71
466+50.00	103		51
467+00.00	99		70
467+50.00	94		128
468+00.00	94		139
468+50.00	89		152
469+00.00	81		172
469+50.00	79		170
470+00.00	87		166
470+50.00	68		155
471+00.00	27		174
471+50.00	71		193
472+00.00	104		180
472+50.00	62		136
473+00.00	36		124
473+50.00	29		124
474+00.00	32		95
474+50.00	34		99
475+00.00	30		88
475+50.00	30		75

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
476+00.00	29		107
476+50.00	17		127
477+00.00	6		184
477+50.00	2		303
478+00.00	0		424
478+50.00	0		519
479+00.00	1		528
479+50.00	4		498

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
479+50.00	0		0
480+00.00	5		483
480+50.00	2		433
481+00.00	0		382
481+50.00	0		320
482+00.00	0		241
482+50.00	0		171
483+00.00	3		115
483+50.00	9		80
484+50.00	70		119
485+00.00	58		34
485+50.00	63		41
486+00.00	69		48
486+50.00	69		29
487+00.00	73		38
487+50.00	52		50
488+00.00	14		68
488+50.00	2		76
489+00.00	2		73
489+50.00	3		74
490+00.00	5		82
490+50.00	8		86
491+00.00	7		78
491+50.00	6		80
492+00.00	9		96
492+50.00	38		89
493+00.00	62		65
493+50.00	93		34
494+00.00	122		12
494+50.00	142		10
495+00.00	251		19
495+50.00	279		65
496+00.00	262		128
496+50.00	269		193
497+00.00	235		283
497+50.00	260		463
498+00.00	327		648
498+50.00	380		742
499+00.00	322		798
499+50.00	126		668
500+00.00	0		467

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
500+50.00	0		380
501+00.00	0		297
501+50.00	18		212
502+00.00	61		154
502+50.00	84		112
503+00.00	98		70
503+50.00	94		76
504+00.00	67		117
504+50.00	68		130
505+00.00	71		146
505+50.00	59		161
506+00.00	50		160
506+50.00	48		151
507+00.00	40		128
507+50.00	24		105
508+00.00	8		94
508+50.00	3		96
509+00.00	7		143
509+50.00	13		204

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
509+50.00	0		0
510+00.00	17		222
510+50.00	15		209
511+00.00	13		183
511+50.00	21		120
512+00.00	44		47
512+50.00	75		11
513+00.00	117		0
513+50.00	156		0
514+00.00	150		0
514+50.00	83		0
515+00.00	19		25
515+50.00	1		105
516+00.00	0		224
516+50.00	0		336
517+00.00	0		420
517+50.00	0		476
518+00.00	0		496
518+50.00	0		464
519+00.00	0		381
519+50.00	0		277
520+00.00	1		182
520+50.00	8		129
521+00.00	16		118
521+50.00	18		96
522+00.00	15		114
522+50.00	12		160
523+00.00	9		169
523+50.00	8		173
524+00.00	7		176

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
524+50.00	11		172
525+00.00	14		165
525+50.00	16		166
526+00.00	18		172
526+50.00	16		173
527+00.00	16		137
527+50.00	18		96
528+00.00	22		90
528+50.00	33		156
529+00.00	35		200
529+50.00	34		164
530+00.00	47		125
530+50.00	78		83
531+00.00	130		49
531+50.00	189		25
532+00.00	185		10
532+50.00	159		3
533+00.00	164		0
533+50.00	188		0
534+00.00	170		16
534+50.00	109		41
535+00.00	70		58
535+50.00	49		70
536+00.00	43		79
536+50.00	42		83
537+00.00	45		81
537+50.00	48		84
538+00.00	54		80
538+50.00	53		59
539+00.00	29		59
539+50.00	10		71

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
539+50.00	0		0
540+00.00	9		71
540+50.00	11		73
541+00.00	11		74
541+50.00	10		93
542+00.00	14		131
542+50.00	27		167
543+00.00	50		188
543+50.00	44		214
544+00.00	18		264
544+50.00	21		293
545+00.00	38		302
545+50.00	52		320
546+00.00	51		339
546+50.00	33		331
547+00.00	21		290
547+50.00	21		238
548+00.00	17		209

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1J

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
PHASE TWO

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
548+50.00	11		220
549+00.00	5		248
549+50.00	3		261
550+00.00	3		239
550+50.00	14		192
551+00.00	49		139
551+50.00	109		75
552+00.00	192		17

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
562+00.00	0		0
562+50.00	6		571
563+00.00	92		524
563+50.00	95		513
564+00.00	9		570
564+50.00	0		719
565+00.00	0		889
565+50.00	0		1126
566+00.00	0		1455
566+50.00	0		1751
567+00.00	0		1788
567+50.00	0		1404
568+00.00	0		961
568+50.00	0		679
569+00.00	85		454
569+50.00	126		340
570+00.00	146		230
570+50.00	260		82
571+00.00	280		22
571+50.00	180		10
572+00.00	106		16
572+50.00	89		51
573+00.00	66		99
573+50.00	26		167
574+00.00	0		244
574+50.00	0		308
575+00.00	0		337
575+50.00	0		304
576+00.00	0		202
576+50.00	0		98
577+00.00	13		47
577+50.00	31		28
578+00.00	41		10
578+50.00	62		0
579+00.00	88		0
579+50.00	134		2
580+00.00	176		8
580+50.00	113		18
581+00.00	29		50
581+50.00	8		130
582+00.00	0		225

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
582+50.00	0		321
583+00.00	0		420
583+50.00	0		489
584+00.00	0		511
584+50.00	0		486
585+00.00	0		419
585+50.00	0		340
586+00.00	0		279
586+50.00	0		240
587+00.00	0		216
587+50.00	0		214
588+00.00	0		227
588+50.00	0		250
589+00.00	0		295
589+50.00	0		339
590+00.00	0		363
590+50.00	0		369
591+00.00	0		321
591+50.00	0		216
592+00.00	16		112

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
592+00.00	0		0
592+50.00	69		42
593+00.00	154		9
593+50.00	214		0
594+00.00	216		0
594+50.00	162		2
595+00.00	66		20
595+50.00	7		105
596+00.00	0		254
596+50.00	0		388
597+00.00	0		454
597+50.00	0		449
598+00.00	0		405
598+50.00	0		344
599+00.00	0		264
599+50.00	0		187
600+00.00	0		121
600+50.00	9		72
601+00.00	64		50
601+50.00	84		44
602+00.00	61		44
602+50.00	60		61
603+00.00	52		92
603+50.00	44		119
604+00.00	39		140
604+50.00	44		136
605+00.00	45		110
605+50.00	29		98
606+00.00	13		110

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
606+50.00	3		159
607+00.00	0		218
607+50.00	0		256
608+00.00	0		299
608+50.00	0		358
609+00.00	0		398
609+50.00	0		413
610+00.00	0		395
610+50.00	0		334
611+00.00	0		307
611+50.00	0		276
612+00.00	0		213
612+50.00	1		199
613+00.00	5		220
613+50.00	4		229
614+00.00	1		235
614+50.00	0		256
615+00.00	0		273
615+50.00	0		280
616+00.00	0		264
616+50.00	13		241
617+00.00	16		219
617+50.00	12		184
618+00.00	17		159
618+50.00	8		152
619+00.00	0		163
619+50.00	0		193
620+00.00	0		222
620+50.00	0		230
621+00.00	0		225
621+50.00	0		211
622+00.00	0		145

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
622+00.00	0		0
622+50.00	0		66
623+00.00	0		40
623+50.00	0		52
624+00.00	0		107
624+50.00	0		155
625+00.00	0		176
625+50.00	0		191
626+00.00	0		201
626+50.00	0		223
627+00.00	0		223
627+50.00	0		196
628+00.00	0		169
628+50.00	0		140
629+00.00	0		119
629+50.00	0		121
630+00.00	0		132

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
630+50.00	0		149
631+00.00	0		166
631+50.00	0		173
632+00.00	0		170
632+50.00	0		147
633+00.00	0		113
633+50.00	0		109
634+00.00	0		104
634+50.00	3		77
635+00.00	8		61
635+50.00	13		50
636+00.00	14		46
636+50.00	14		46
637+00.00	13		50
637+50.00	11		49
638+00.00	11		39
638+50.00	13		33
639+00.00	14		40
639+50.00	13		46
640+00.00	13		43
640+50.00	14		40
641+00.00	16		38
641+50.00	31		39
642+00.00	23		48
642+50.00	4		60
643+00.00	27		72
643+50.00	70		102
644+00.00	93		96
644+50.00	114		78
645+00.00	158		86
645+50.00	182		93
646+00.00	172		104
646+50.00	136		108
647+00.00	109		114
647+50.00	93		118
648+00.00	89		154
648+50.00	110		236
649+00.00	116	52	273
649+50.00	112	106	266
650+00.00	115	107	266
650+50.00	111	53	250
651+00.00	106		226
651+50.00	105		228
652+00.00	98		242

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
652+00.00	0		0
652+50.00	92		261
653+00.00	93		281
653+50.00	97		271
654+00.00	102	68	218

12/3/2024
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PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1K

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

PHASE TWO

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
654+50.00	107	129	172
655+00.00	110	135	160
655+50.00	110	126	167
656+00.00	111	121	189
656+50.00	108	86	230
657+00.00	102	79	261
657+50.00	96	74	237
658+00.00	90	67	188
658+50.00	82	34	145
659+00.00	72		120
659+50.00	72		81
660+00.00	87		51
660+50.00	100		69
661+00.00	104		82
661+50.00	107		89
662+00.00	113		109
662+50.00	121		115
663+00.00	130		101
663+50.00	136		148
664+00.00	139		211
664+50.00	145		229
665+00.00	158		229
665+50.00	165		223
666+00.00	160		226
666+50.00	156		262
667+00.00	154		255
667+50.00	148		193
668+00.00	141		143
668+50.00	136		124
669+00.00	130		144
669+50.00	64		161
670+00.00	0		160
670+50.00	0		120
671+00.00	0		84
671+50.00	0		129
672+00.00	65		164
672+50.00	134		120
673+00.00	140		76
673+50.00	138		61
674+00.00	142		37
674+50.00	148		11
675+00.00	167		2
675+50.00	179		0
676+00.00	162		2
676+50.00	226		4
677+00.00	284		3
677+50.00	253		1
678+00.00	223		6
678+50.00	192		12
679+00.00	168		11
679+50.00	134		14
680+00.00	86		20
680+50.00	42		22

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
681+00.00	18		30
681+50.00	11		55
682+00.00	7		80

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
682+00.00	0		0
682+50.00	9		81
683+00.00	25		55
683+50.00	35		45
684+00.00	37		51
684+50.00	41		54
685+00.00	27		70
685+50.00	10		99
686+00.00	4		98
686+50.00	4		146
687+00.00	28		182
687+50.00	65		138
688+00.00	75		120
688+50.00	61		118
689+00.00	51		124
689+50.00	46		137
690+00.00	39		143
690+50.00	42		139
691+00.00	47		118
691+50.00	50		93
692+00.00	44		52
692+50.00	27		41
693+00.00	12		77
693+50.00	4		102
694+00.00	1		109
694+50.00	0		98
695+00.00	0		66
695+50.00	20		29
696+00.00	89		11
696+50.00	140		4
697+00.00	142		1
697+50.00	124		0
698+00.00	77		30
698+50.00	24		76
699+00.00	0		112
699+50.00	0		155
700+00.00	0		257
700+50.00	39		200
701+00.00	66		58
701+50.00	58		51
702+00.00	59		51
702+50.00	51		58
703+00.00	44		74
703+50.00	44		72
704+00.00	57		58
704+50.00	66		60

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
705+00.00	68		62
705+50.00	70		60
706+00.00	67		65
706+50.00	67		69
707+00.00	64		70
707+50.00	55		80
708+00.00	44		88
708+50.00	56		77
709+00.00	87		58
709+50.00	120		40
710+00.00	68		28
710+50.00	0		47
711+00.00	2		42
711+50.00	58		39
712+00.00	106		70

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
712+00.00	0		0
712+50.00	83		84
713+00.00	70		80
713+50.00	59		100
714+00.00	36		136
714+50.00	25		144
715+00.00	18		179
715+50.00	18		247
716+00.00	11		354
716+50.00	0		470
717+00.00	0		508
717+50.00	0		476
718+00.00	0		417
718+50.00	5		359
719+00.00	11		319
719+50.00	11		285
720+00.00	12		259
720+50.00	16		247
721+00.00	13		254
721+50.00	6		273
722+00.00	6		269
722+50.00	8		233
723+00.00	12		194
723+50.00	21		158
724+00.00	63	103	116
724+50.00	139	226	61
725+00.00	225	279	18
725+50.00	278	301	3
726+00.00	282	288	0
726+50.00	228	277	0
727+00.00	114	0	8
727+50.00	34	0	51
728+00.00	19	0	108
728+50.00	20		180

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
729+00.00	23	72	263
729+50.00	29	85	277
730+00.00	35		291
730+50.00	29		319
731+00.00	14	79	302
731+50.00	9	51	304
732+00.00	6	65	303
732+50.00	0	87	257
733+00.00	0	50	188
733+50.00	22		128
734+00.00	35		101
734+50.00	38		72
735+00.00	65		38
735+50.00	66		26
736+00.00	42		35
736+50.00	30		53
737+00.00	22		95
737+50.00	13		135
738+00.00	8		130
738+50.00	4		135
739+00.00	1		165
739+50.00	1		171
740+00.00	1		124
740+50.00	2		122
741+00.00	6		166
741+50.00	12		171
742+00.00	21		160

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
742+00.00	0		0
742+50.00	32		126
743+00.00	29		83
743+50.00	25		78
744+00.00	30		102
744+50.00	34		109
745+00.00	35		101
745+50.00	39		81
746+00.00	42		66
746+50.00	31		55
747+00.00	21		49
747+50.00	20		44
748+00.00	17		30
748+50.00	19		22
749+00.00	22		30
749+50.00	23		39
750+00.00	26		44
750+50.00	31		55
751+00.00	26		69
751+50.00	14		86
752+00.00	10		102
752+50.00	8		121

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1L

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
PHASE TWO

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
753+00.00	5		135
753+50.00	14		127
754+00.00	21		116
754+50.00	18		116
755+00.00	17		118
755+50.00	16		118
756+00.00	22		108
756+50.00	30		93
757+00.00	45		79
757+50.00	59		67
758+00.00	56		59
758+50.00	45		57
759+00.00	33		62
759+50.00	30		75
760+00.00	30		86
760+50.00	19		94
761+00.00	8		104
761+50.00	2		127
762+00.00	0		146
762+50.00	0		127
763+00.00	0		87
763+50.00	10		43
764+00.00	61		9
764+50.00	130		0
765+00.00	182		0
765+50.00	221		0
766+00.00	227		0
766+50.00	188		6
767+00.00	121		33
767+50.00	61		81
768+00.00	19		135
768+50.00	0		196
769+00.00	0		251
769+50.00	0		270
770+00.00	0		253
770+50.00	0		221
771+00.00	0		187
771+50.00	3		160
772+00.00	23		131

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
772+00.00	0		0
772+50.00	52		107
773+00.00	104		91
773+50.00	86		106
774+00.00	45		93
774+50.00	33		34
775+00.00	6		24
775+50.00	7		42
776+00.00	6		44
776+50.00	6		64

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
777+00.00	6		66
777+50.00	7		50
778+00.00	6		72
778+50.00	4		104
779+00.00	8		107
779+50.00	24		95
780+00.00	55		79
780+50.00	75		51
781+00.00	68		45
781+50.00	54		58
782+00.00	36		70
782+50.00	22		71
783+00.00	16		76
783+50.00	14		79
784+00.00	17		64
784+50.00	25		68
785+00.00	32		79
785+50.00	33		70
786+00.00	24		58
786+50.00	7		45
787+00.00	0		51
787+50.00	0		70
788+00.00	29		78
788+50.00	60		104
789+00.00	73		128
789+50.00	102		127
790+00.00	129		117
790+50.00	151		104
791+00.00	173		89
791+50.00	184		75
792+00.00	179		73
792+50.00	165		83
793+00.00	142		94
793+50.00	121		93
794+00.00	107		84
794+50.00	98		140
795+00.00	91		209
795+50.00	98		170
796+00.00	120		136
796+50.00	130		141
797+00.00	119		125
797+50.00	102		123
798+00.00	84		101
798+50.00	71		69
799+00.00	58		67

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
802+00.00	0		0
802+50.00	58		29
803+00.00	58		24
803+50.00	61		24

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
804+00.00	62		22
804+50.00	60		18
805+00.00	55		18
805+50.00	47		20
806+00.00	51		31
806+50.00	54		59
807+00.00	51		82
807+50.00	56		85
808+00.00	44		79
808+50.00	32		74
809+00.00	32		81
809+50.00	35		95
810+00.00	20		97
810+50.00	6		152
811+00.00	11		205
811+50.00	10		200
812+00.00	7		197
812+50.00	8		152
813+00.00	11		102
813+50.00	11		84
814+00.00	12		72
814+50.00	14		70
815+00.00	15		72
815+50.00	35		65
816+00.00	53		52
816+50.00	52		43
817+00.00	55		42
817+50.00	65		35
818+00.00	74		31
818+50.00	73		37
819+00.00	75		34
819+50.00	80		26
820+00.00	88		21
820+50.00	95		18
821+00.00	70		30
821+50.00	30		59
822+00.00	24		123
822+50.00	38		203
823+00.00	23		285

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
448+00.00	0		0
448+50.00	0		277
449+00.00	53		277
449+50.00	98		273

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
552+00.00	0		0
552+50.00	275		0

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
553+00.00	251		0
553+50.00	286		0
554+00.00	375		0
554+50.00	308		6
555+00.00	194		28
555+50.00	130		71
556+00.00	61		158
556+50.00	1		276
557+00.00	0		400
557+50.00	0		579
558+00.00	0		860
558+50.00	0		1151
559+00.00	0		1225
559+50.00	0		1161
560+00.00	0		1122
560+50.00	0		1039
561+00.00	0		915
561+50.00	0		781
562+00.00	0		659

Station L2_LT	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
799+00.00	0		0
799+50.00	49		70
800+00.00	57		35
800+50.00	31		0
801+00.00	0		0
801+50.00	0		0
802+00.00	30		18

Station Y11B	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+47.00	0		0
10+50.00	0		5
11+00.00	0		71
11+50.00	2		30
12+00.00	3		3
12+50.00	1		4
13+00.00	1		3
13+25.00	0		0

Station Y11E	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+47.44	0		0
10+50.00	0		1
11+00.00	0		69
11+50.00	0		64
12+00.00	3		7
12+50.00	6		1
12+75.00	6		1

12/3/2024
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mhouser

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1M

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
PHASE TWO

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station Y12	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+59.00	0		0
11+00.00	9		128
11+50.00	9		96
12+00.00	5		19
12+25.00	1		1

Station Y13	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+48.66	0		0
10+50.00	0		10
11+00.00	0		347
11+50.00	62		157
12+00.00	346		0
12+50.00	682		0
13+00.00	818		0
13+50.00	794		0
14+00.00	650		6
14+50.00	484		10
15+00.00	339		5
15+50.00	269		5
16+00.00	138		16
16+50.00	1		31
17+00.00	1		41
17+50.00	1		41
18+00.00	1		33
18+50.00	3		17
19+00.00	2		3
19+15.00	0		0

Station Y17	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+59.03	0		0
11+00.00	96		0
11+50.00	89		1
12+00.00	32		3
12+50.00	4		4
13+00.00	23		2
13+25.00	11		0

Station Y20A	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+47.00	0		0
10+50.00	2		0
11+00.00	22		1
11+50.00	5		1
11+60.00	0		0

Station Y21	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+59.33	0		0
11+00.00	118		15
11+50.00	102		15
12+00.00	51		10
12+50.00	43		5
12+75.00	11		1

Station Y23	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+59.48	0		0
11+00.00	1		40
11+50.00	3		29
12+00.00	3		4
12+23.24	1		0

Station Y24A	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+47.00	0		0
10+50.00	2		0
11+00.00	16		5
11+50.00	9		4
12+00.00	14		2
12+50.00	10		0
12+75.00	3		0

Station Y26	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+79.52	0		0
11+00.00	1		123
11+50.00	1		187
12+00.00	0		60
12+50.00	1		51
13+00.00	2		78
13+50.00	1		100
14+00.00	1		70
14+50.00	10		20
15+00.00	10		27
15+50.00	0		66
16+00.00	0		94
16+50.00	0		115
17+00.00	1		111
17+50.00	1		112
18+00.00	0		87
18+50.00	40		47
19+00.00	87		44
19+50.00	109		35
20+00.00	132		58
20+50.00	153		88
21+00.00	194	125	92
21+50.00	226	237	122

Station Y26	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
22+00.00	229	113	146
22+50.00	234		114
23+00.00	228		59
23+50.00	201		30
24+00.00	105		17
24+50.00	14		10
25+00.00	3		9
25+50.00	6		6
26+00.00	3		0

Station Y26A	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+29.60	0		0
10+50.00	0		235
11+00.00	0	33	450
11+50.00	0	69	260
12+00.00	0	36	166
12+50.00	0		70
13+00.00	2		2
13+50.00	21		1
14+00.00	26		3
14+50.00	19		25
15+00.00	27		26
15+25.22	15		4

Station Sr1	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
15+00.00	0		0
15+50.00	2		2
16+00.00	1		7
16+50.00	0		18
17+00.00	0		26
17+50.00	0		18
17+65.85	0		3

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-1N

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
PHASE TWO

NOTE: EMBANKMENT DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station Y14	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+95.00	0		0
11+00.00	3		0
11+50.00	114		4
12+00.00	157		8
12+50.00	134		4
13+00.00	58		79
13+50.00	0		232
14+00.00	0		405
14+50.00	0		656
15+00.00	0		1045
15+50.00	0		1859
15+63.31	0		648

Station Y15	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
11+75.00	0		0
12+00.00	1		2
12+50.00	3		8
13+00.00	2		12
13+50.00	1		7
14+00.00	1		0
14+50.00	1		163
15+00.00	0		641
15+09.60	0		183

Station Y16	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
14+25.00	0		0
14+50.00	3		1
15+00.00	13		8
15+50.00	11		20
16+00.00	5		65
16+50.00	0		157
17+00.00	0		269
17+50.00	0		345
18+00.00	0		332
18+50.00	1		390
18+71.79	1		209

Station Y18	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
12+25.00	0		0
12+50.00	2		0
13+00.00	6		2
13+50.00	4		2
14+00.00	2		5
14+50.00	2		14
15+00.00	22		60
15+17.08	14		34

Station Y19	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+75.00	0		0
11+00.00	11		2
11+50.00	39		10
12+00.00	17		19
12+50.00	2		13
13+00.00	1		0
13+50.00	5		0
14+00.00	5		0
14+50.00	1		387
14+89.35	0		609

Station Y20	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
12+85.00	0		0
13+50.00	2		8
14+00.00	3		22
14+50.00	3		36
15+00.00	2		58
15+29.36	1		44

Station Y22	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+15.00	0		0
10+50.00	7		1
11+00.00	23		4
11+50.00	17		33
11+98.92	8		57

Station Y24	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
11+65.00	0		0
12+50.00	17		12
13+00.00	29		12
13+50.00	42		12
14+00.00	57		7
14+50.00	86		47
15+00.00	124		214
15+24.06	69		161

Station Y25	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
13+65.00	0		0
14+00.00	9		0
14+50.00	29		0
15+00.00	35		6
15+39.93	32		8

Station Y27	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
9+50.00	0		0
10+00.00	0		0
10+50.00	3		27
11+00.00	5		53
11+50.00	6		58
12+00.00	12		91
12+50.00	8		201
13+00.00	0		605
13+06.46	0		119

Station Dr7	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+60.00	0		0
11+00.00	0		11
11+50.00	0		159
11+90.59	0		236

Station Dr8	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+85.00	0		0
11+00.00	8		0
11+50.00	26		72
12+00.00	0		270
12+10.60	0		84

Station Dr10	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+60.00	0		0
11+00.00	26		0
11+50.00	34		1
12+00.00	2		83
12+50.00	0		232
12+74.60	0		148

Station L2/DET_RAB	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
816+67.07	0		0
817+00.00	31		0
817+50.00	93		0
818+00.00	93		0
818+50.00	90		0
819+00.00	84		0
819+50.00	85		0
820+00.00	105		0
820+50.00	148		0
821+00.00	143		0
821+50.00	112		0
822+00.00	99		2
822+50.00	79		16

Station L2/DET_RAB	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
823+00.00	91		53
823+50.00	135		102
823+73.31	52		29
824+08.03	0		0
824+50.00	66		12
825+00.00	91		4
825+50.00	128		0
826+00.00	184		0
826+50.00	199		0
827+00.00	157		0
827+50.00	91		0
828+00.00	41		3
828+50.00	36		3
829+00.00	30		1
829+44.33	12		0

Station Det_Y27	Uncl. Exc. (cu. yd.)	Undercut Exc. (cu. yd.)	Embt (cu. yd.)
10+70.00	0		0
11+00.00	17		1
11+50.00	62		19
12+00.00	62		32
12+50.00	67		35
13+00.00	93		59
13+50.00	111		83
14+00.00	149		114
14+50.00	190		161
15+00.00	250		236
15+50.00	279		265
15+64.13	59		55

8/28/2024
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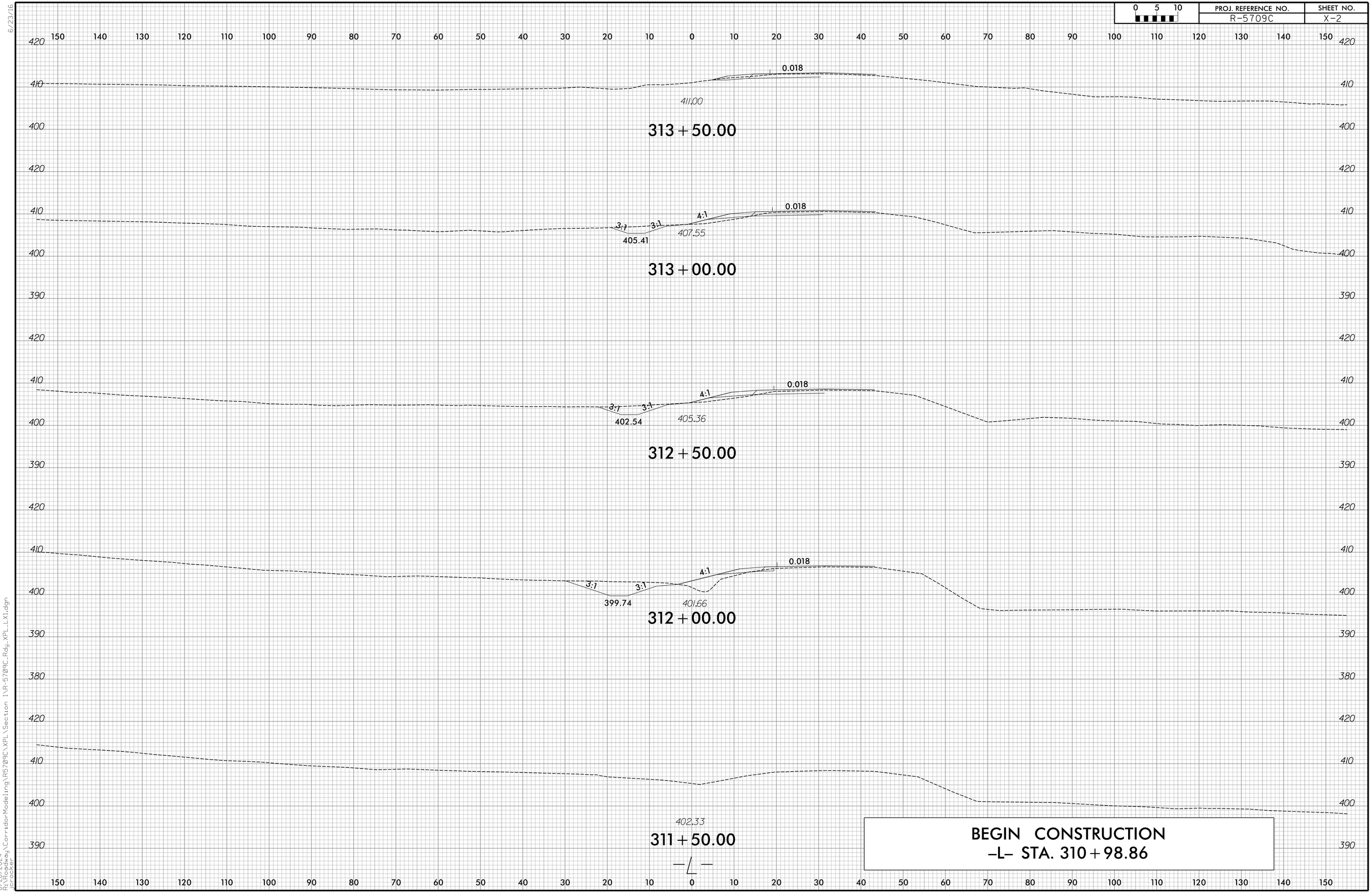
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-2



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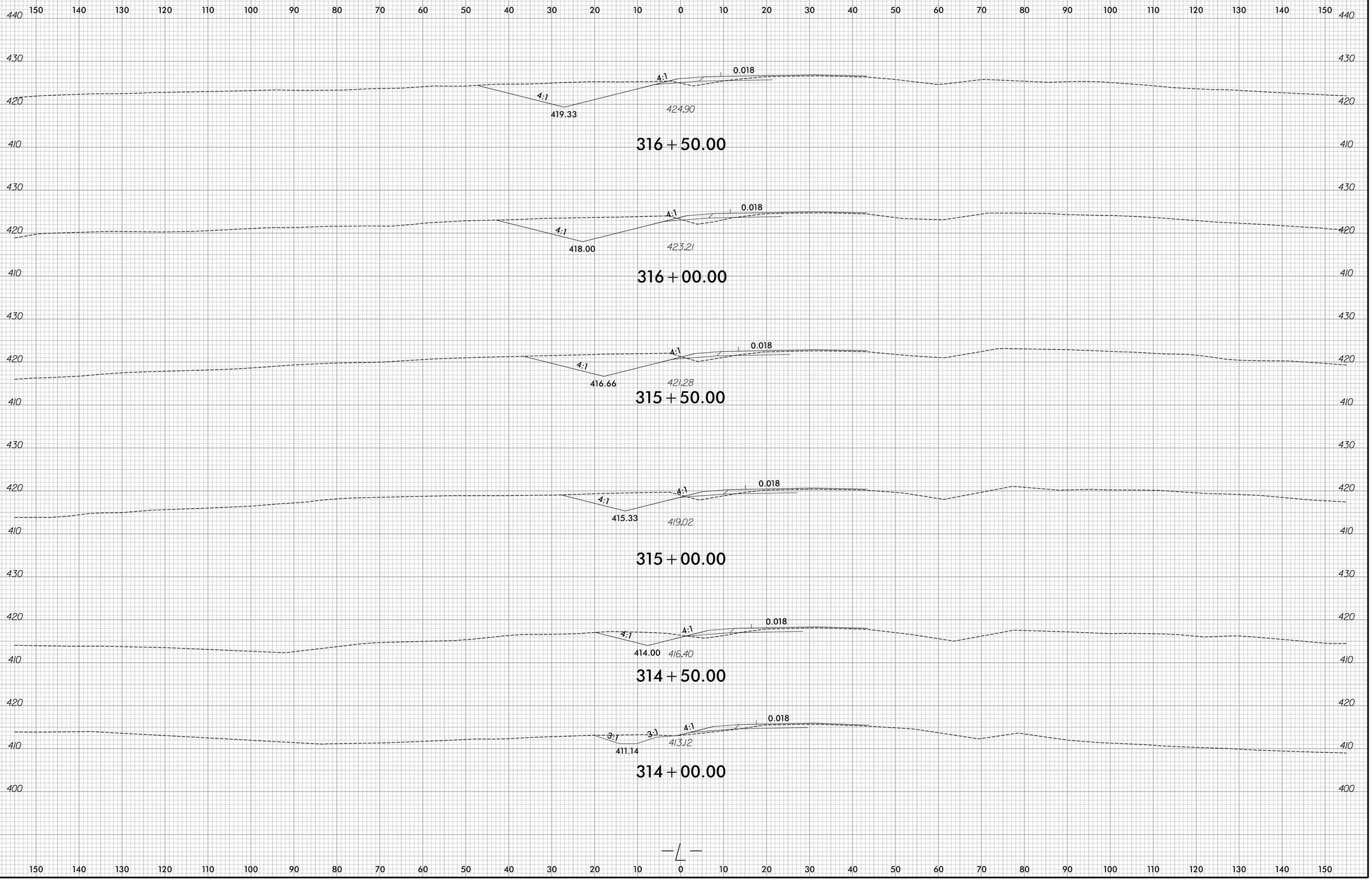

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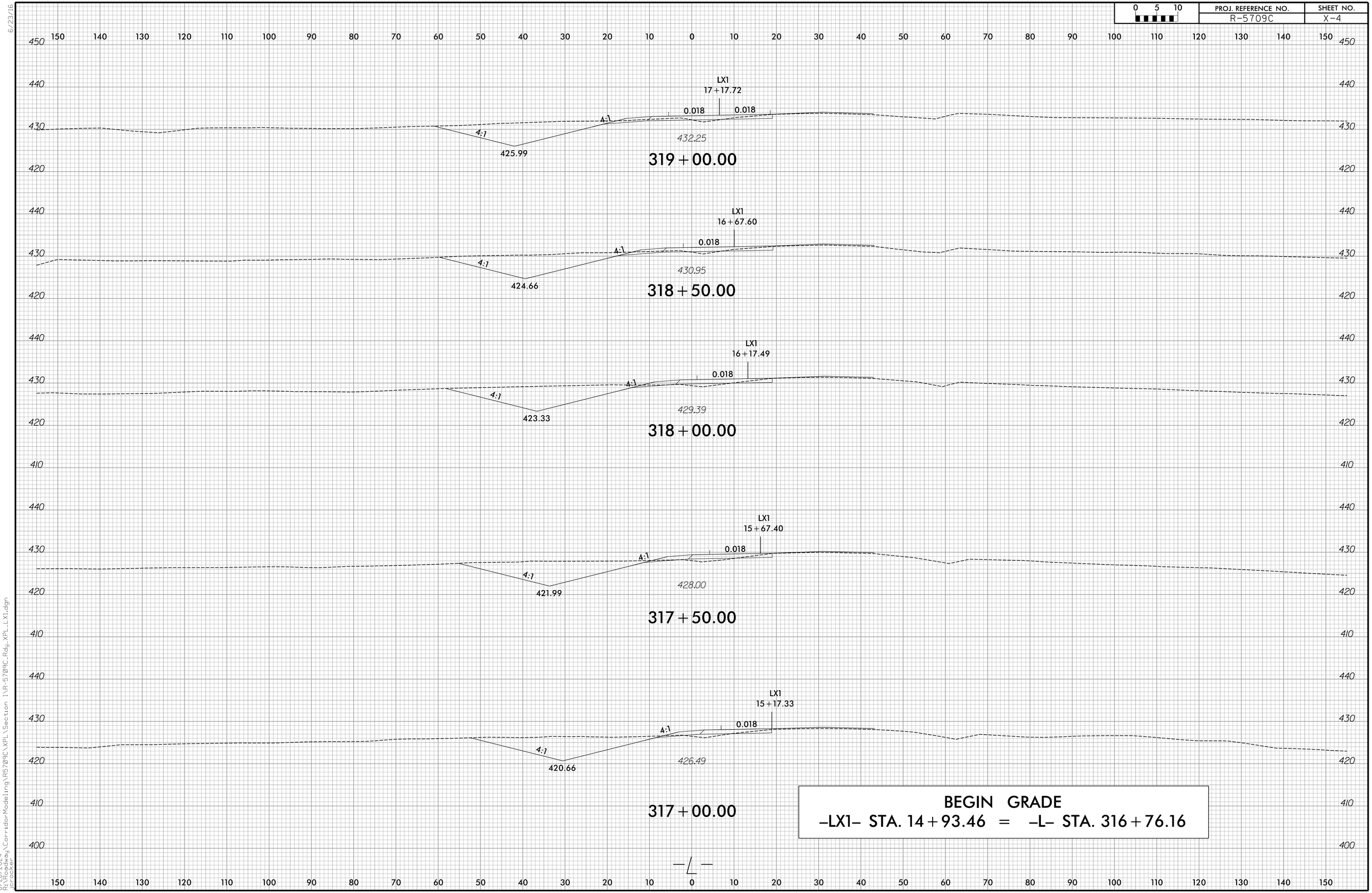
PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-4



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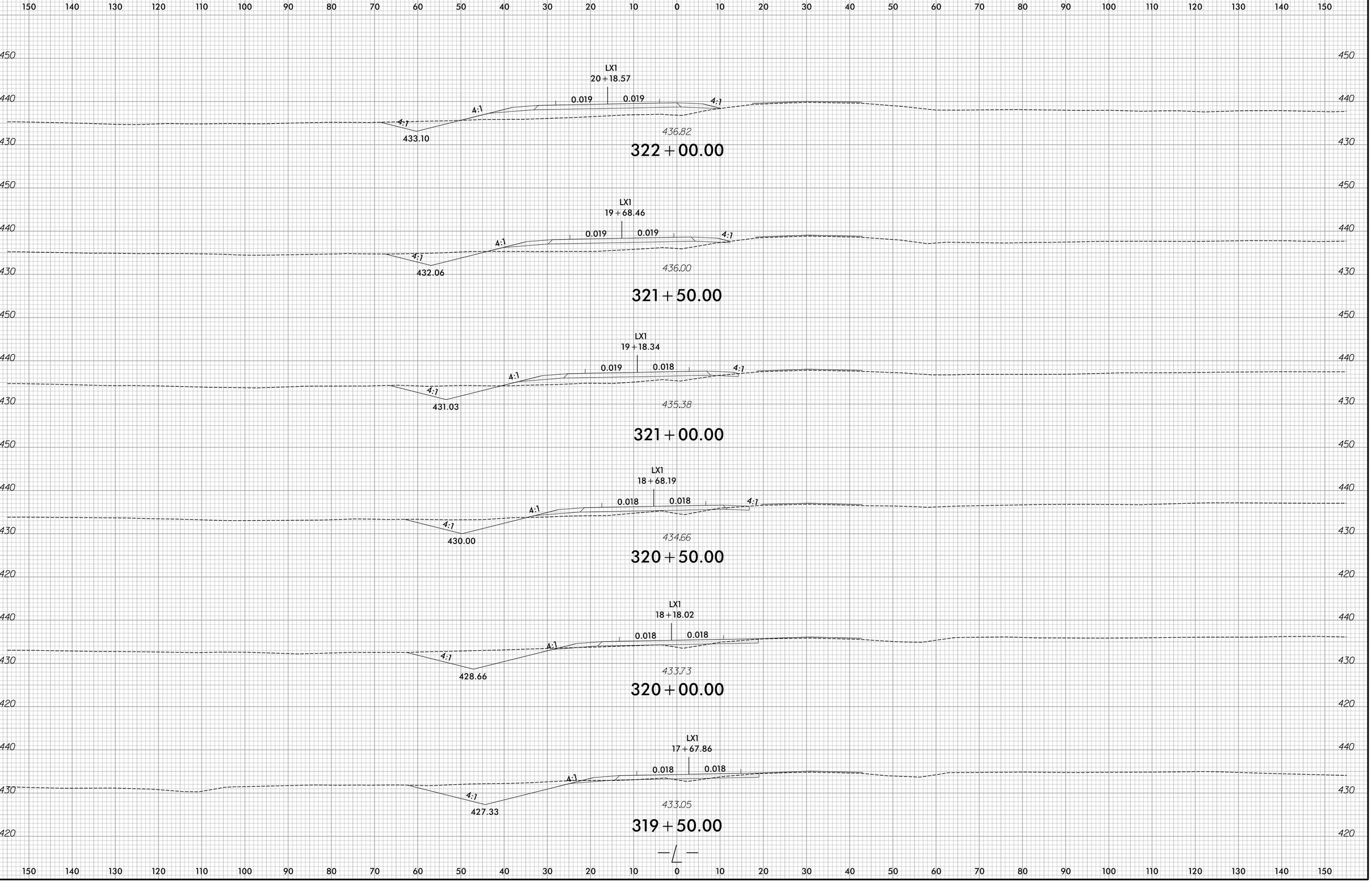
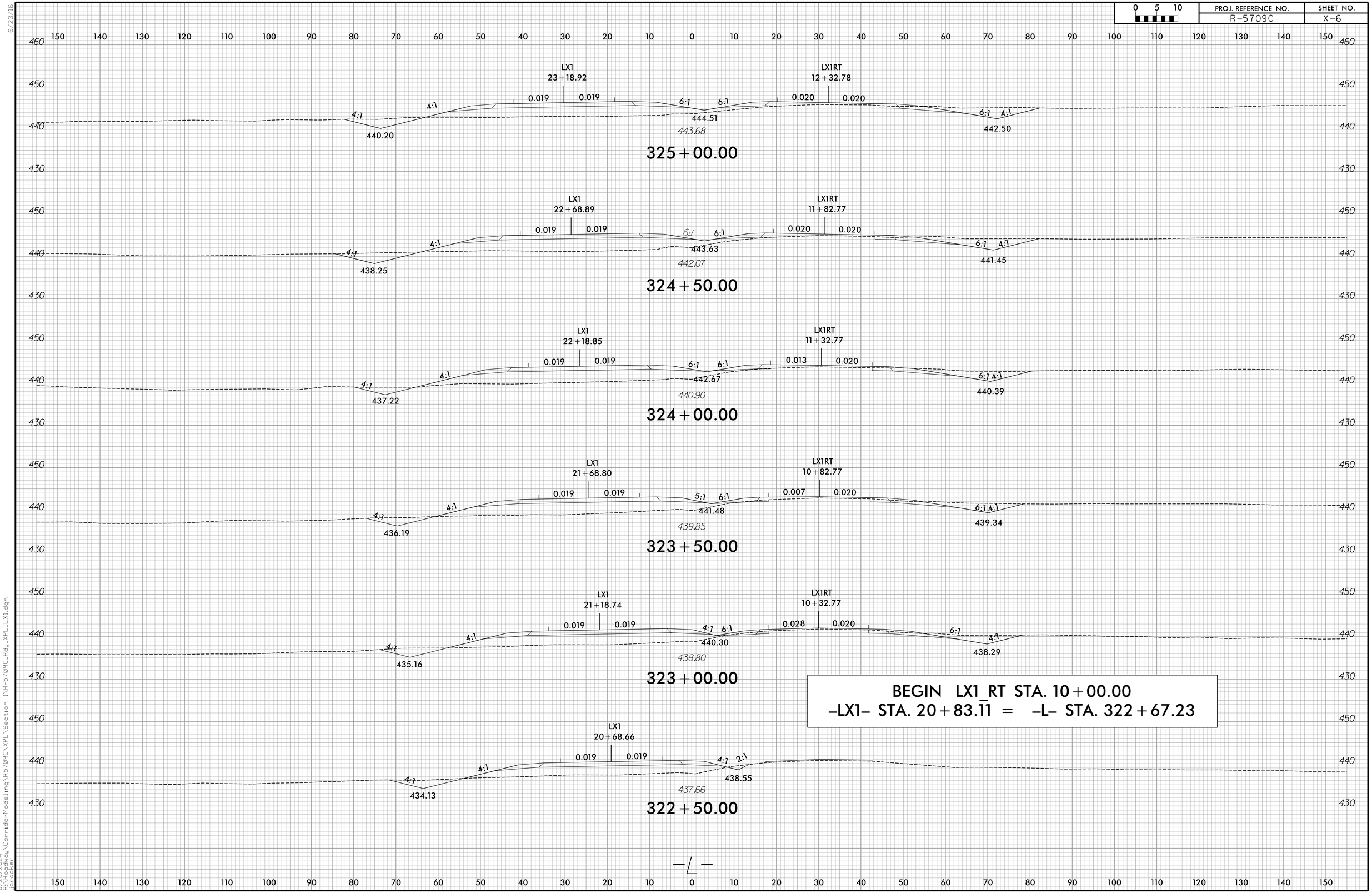
	R-5709C	X-5





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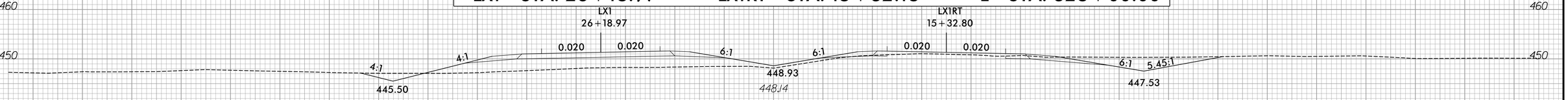
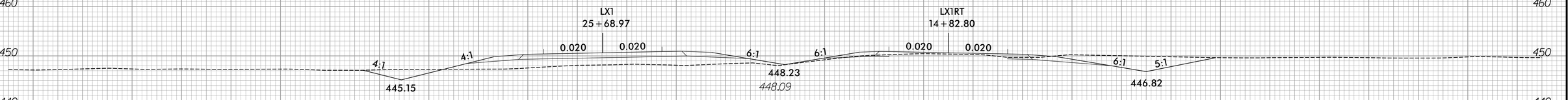
jcrocker

BEGIN TIP PROJECT R-5709C

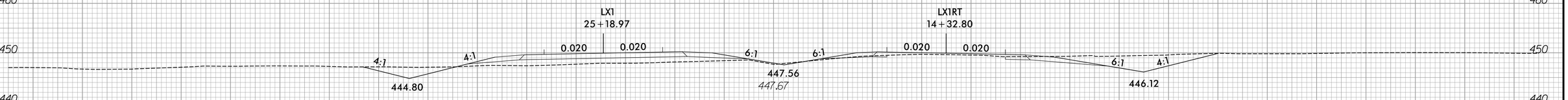
-LX1- STA. 26+18.97 = -LX1RT- STA. 15+32.18 = -L- STA. 328+00.00



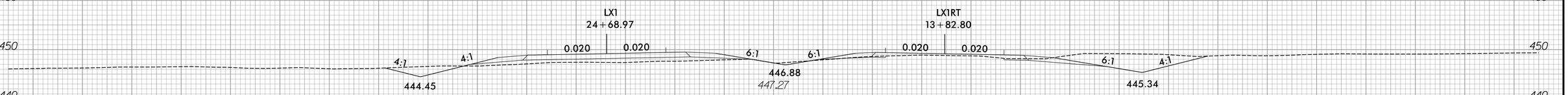
328+00.00



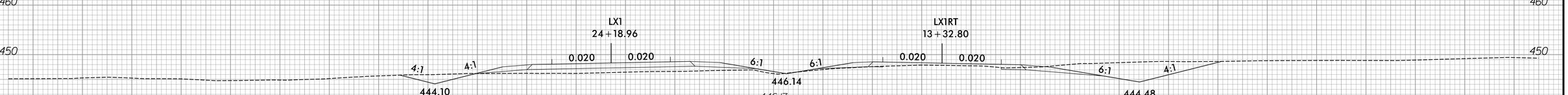
327+50.00



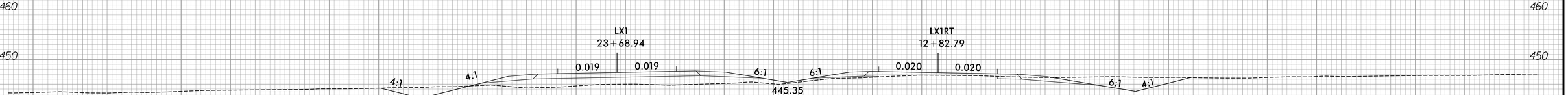
327+00.00



326+50.00



326+00.00



325+50.00

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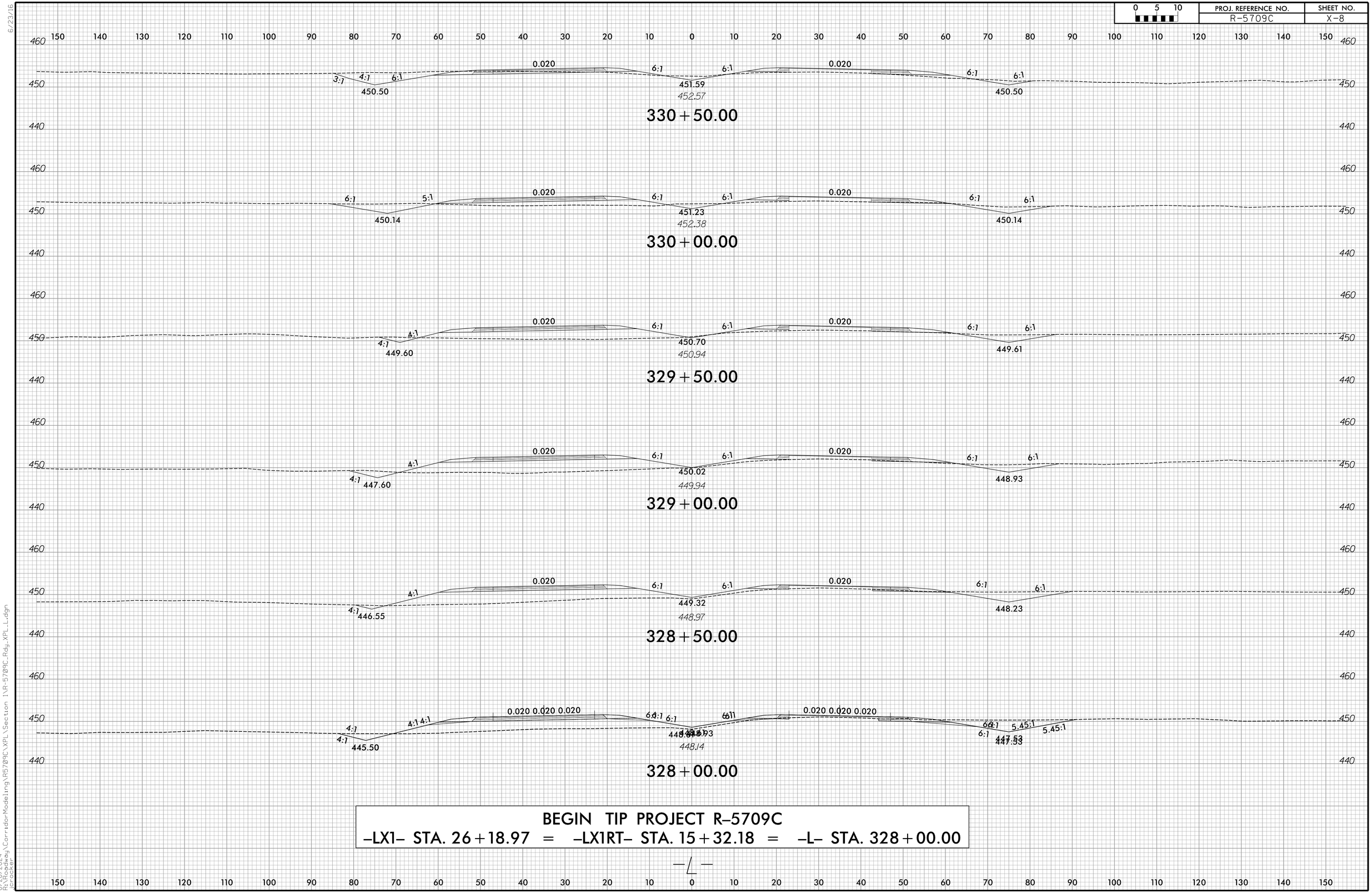
6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-8



BEGIN TIP PROJECT R-5709C

–LX1– STA. 26+18.97 = –LX1RT– STA. 15+32.18 = –L– STA. 328+00.00

8/28/2024
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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-9

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460 / 450 / 440

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449.20 451.44 449.23

450.85

333+50.00

452.06 449.42 449.85

451.90

333+00.00

452.52 449.63 450.31

452.88

332+50.00

452.64 449.85 450.61

453.25

332+00.00

452.39 450.07 450.74

453.03

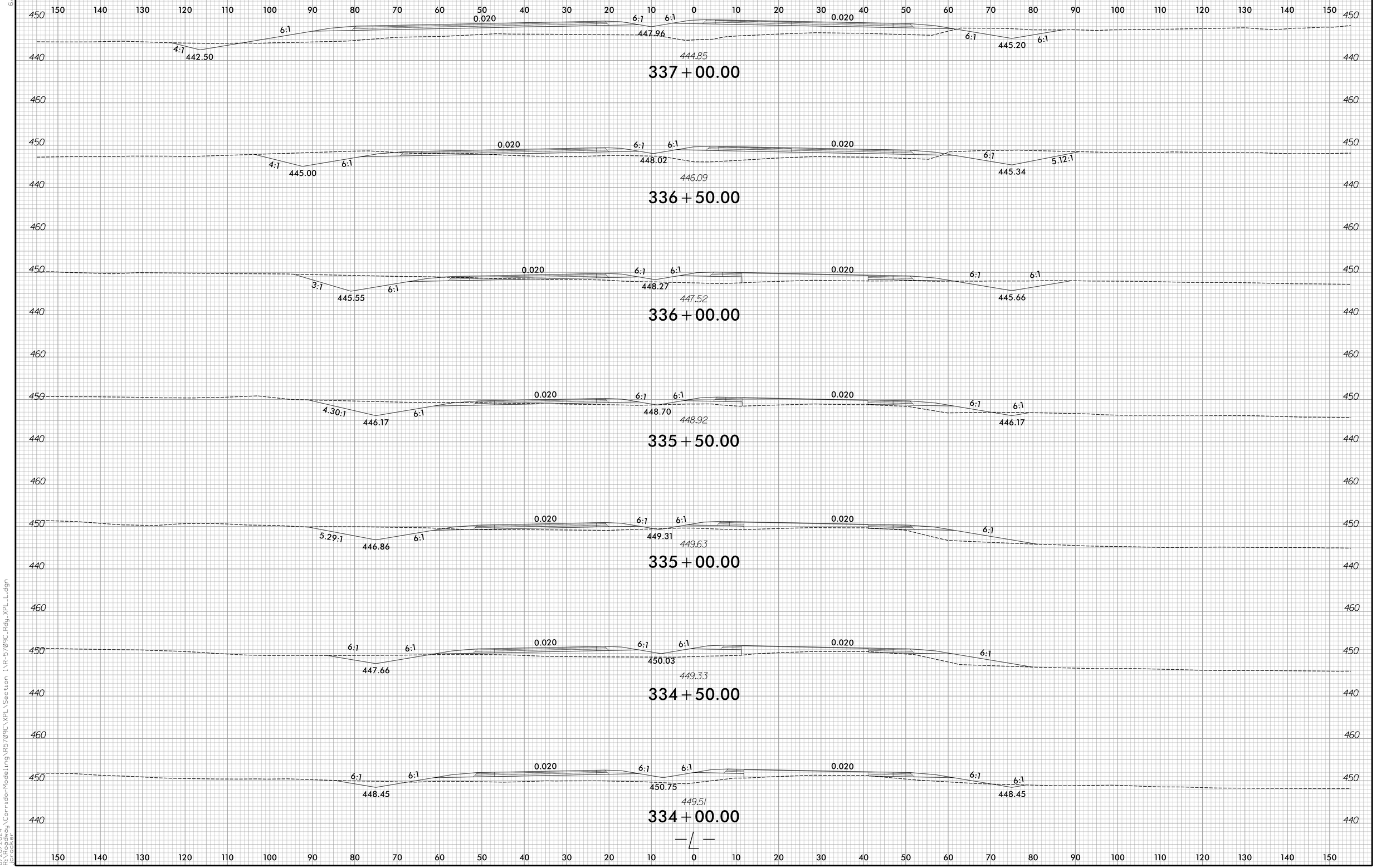
331+50.00

451.99 450.28 450.70

452.30

331+00.00

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-10



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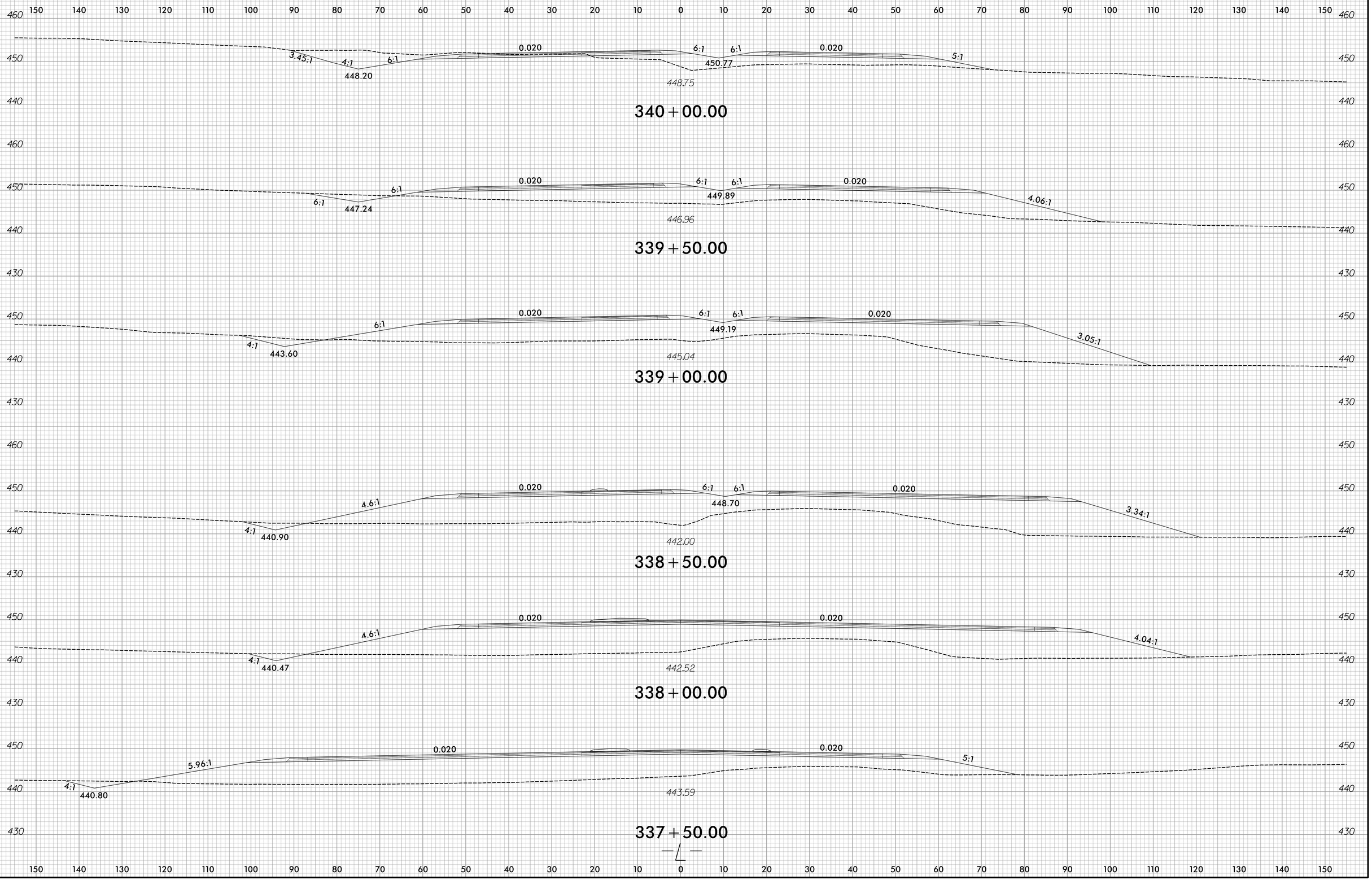
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-11



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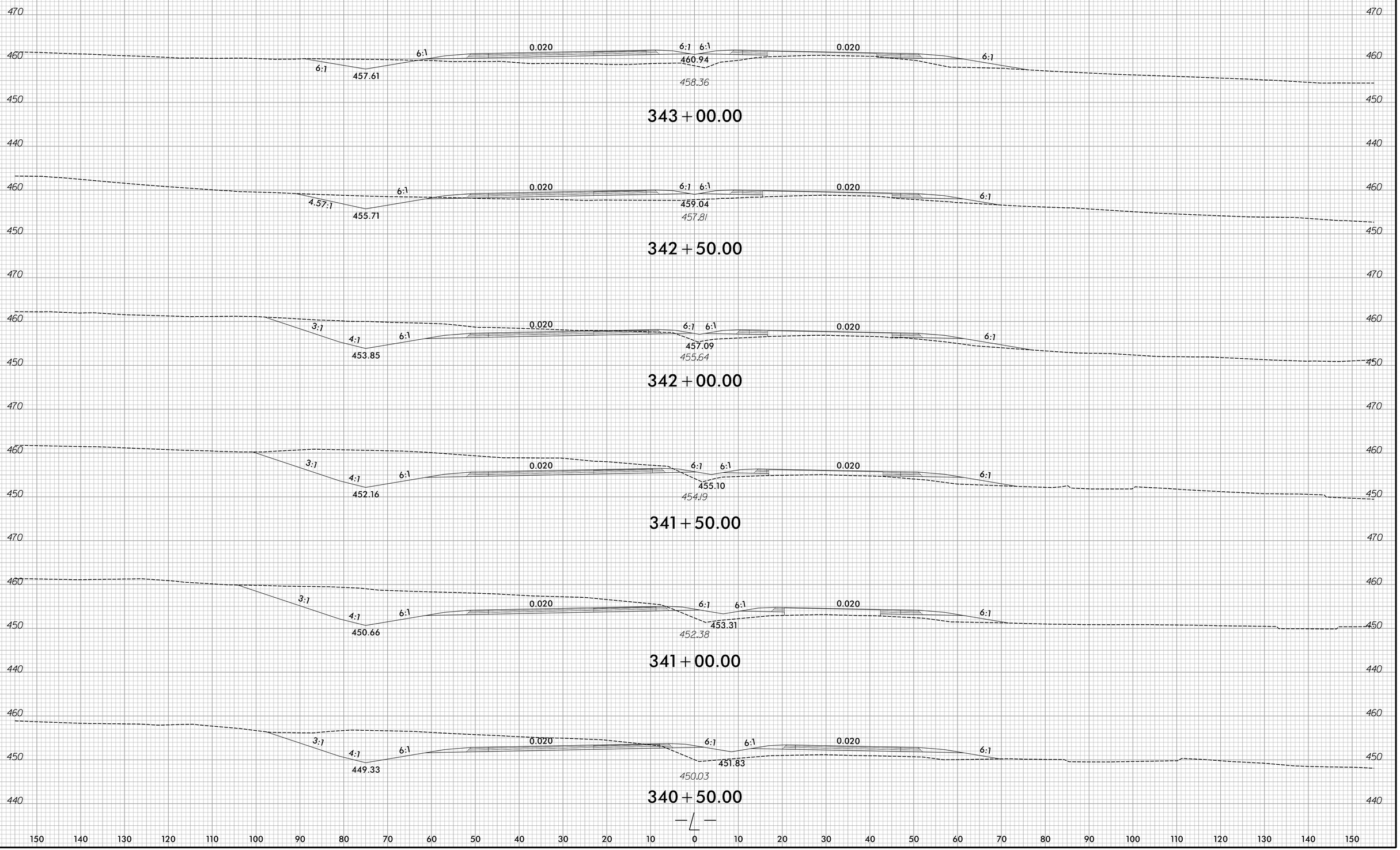
gmacpherson

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-12



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amacpherson

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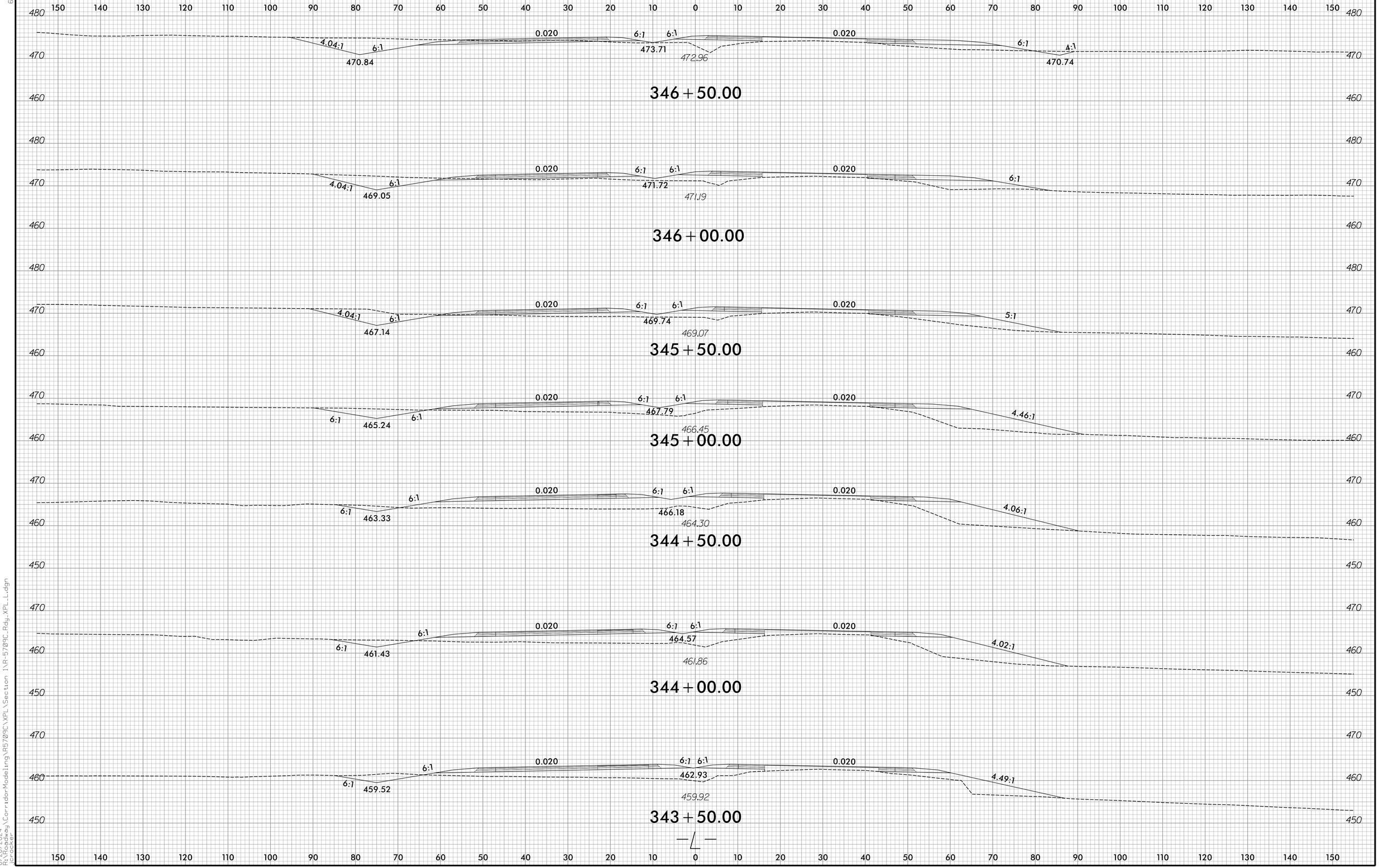
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-13



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jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-14

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

500 490 480 470 460

3:1 4:1 6:1 6:1 6:1 0.020 0.020

477.39 480.55 480.43

SHEAR LINE @ -L- /-Y10- INTERSECTION

SHEAR LINE @ -Y10- /-L- INTERSECTION

348+50.00

0.020 0.020

477.85

348+00.00

0.020 0.020

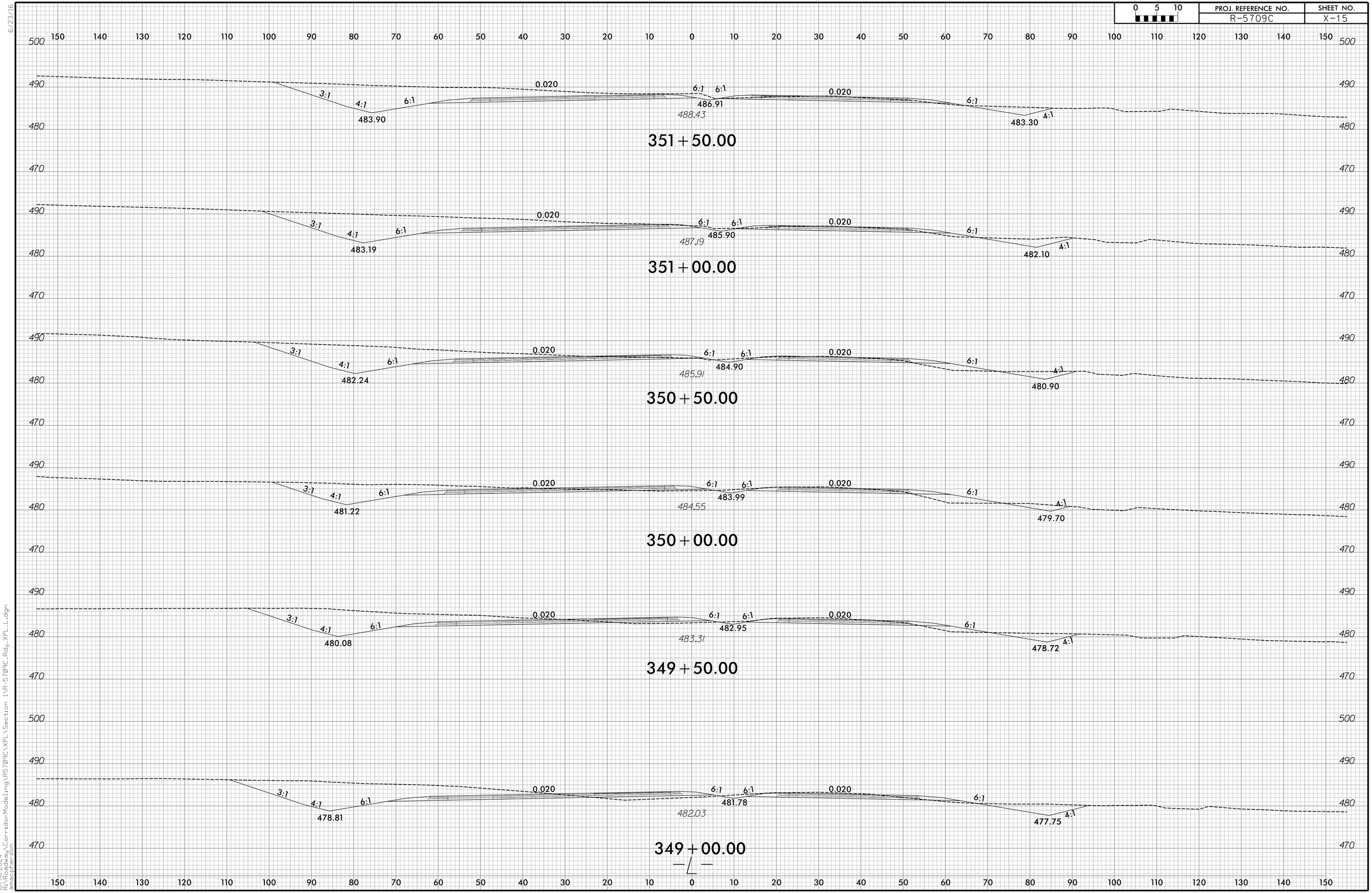
478.16

347+50.00

6:1 6:1 6:1 3:1 0.020 0.020

475.59 474.43 472.54

347+00.00


500 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 500
490
480
470
3:1
4:1
6:1
0.020
6:1
6:1
483.90
486.91
488.43
483.30
351+50.00
483.19
485.90
487.19
482.10
351+00.00
482.24
484.90
485.91
480.90
350+50.00
481.22
483.99
484.55
479.70
350+00.00
480.08
482.95
483.31
478.72
349+50.00
478.81
481.78
482.03
477.75
349+00.00

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-16

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

500
490
480

3:1 4:1 6:1 0.020 6:1 6:1 0.020 6:1 5.08:1

484.10 488.21 489.97 485.58

354+50.00

3:1 4:1 6:1 0.020 6:1 6:1 0.020 6:1 6:1

484.30 488.55 489.37 485.62

354+00.00

BEGIN UNDERCUT FOR SUBGRADE STABILITY STA. 353+75

3:1 4:1 6:1 0.020 6:1 6:1 0.020 6:1 6:1

484.50 488.76 488.89 485.53

353+50.00

3:1 4:1 6:1 0.020 6:1 6:1 0.020 6:1 6:1

484.70 488.64 488.71 485.32

353+00.00

3:1 4:1 6:1 0.020 6:1 6:1 0.020 6:1

484.90 488.31 488.89

352+50.00

3:1 4:1 6:1 0.020 6:1 6:1 0.020 6:1 4:1

484.51 487.79 488.74 484.50

352+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

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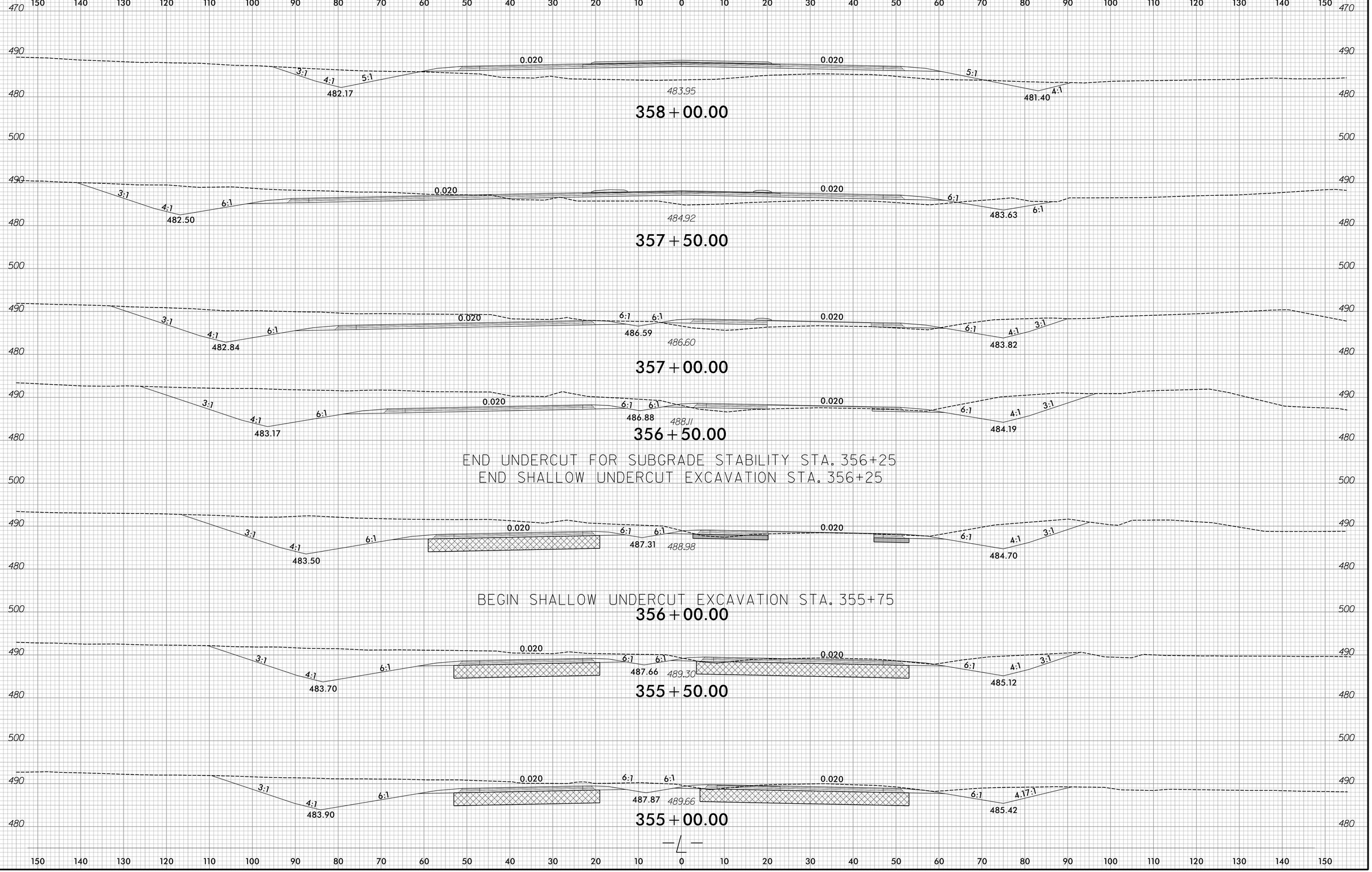
amacpherson

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-17



0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-18

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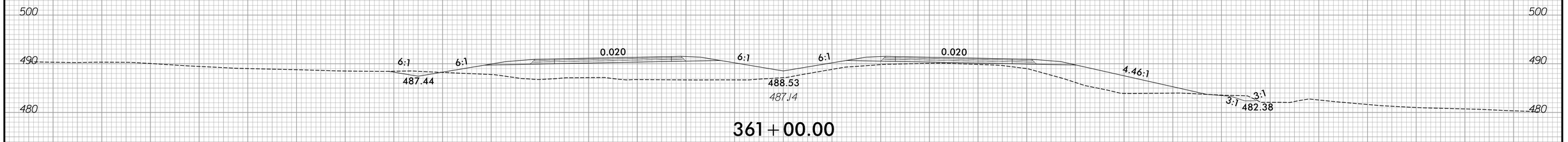
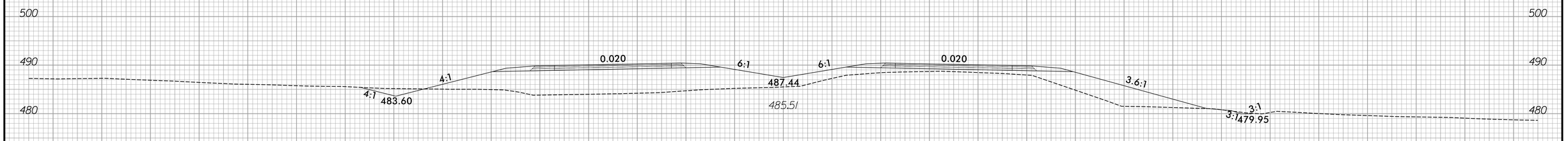
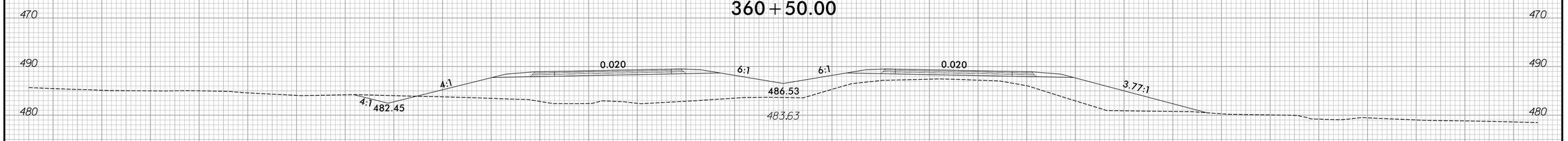


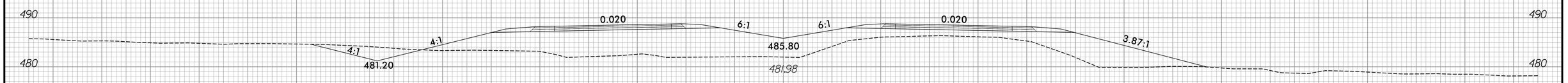
361+00.00



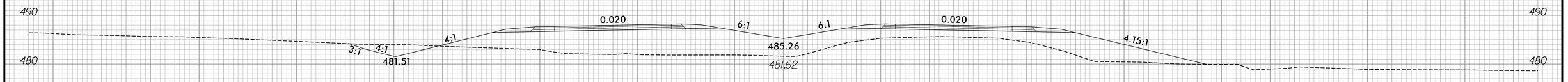
360+50.00



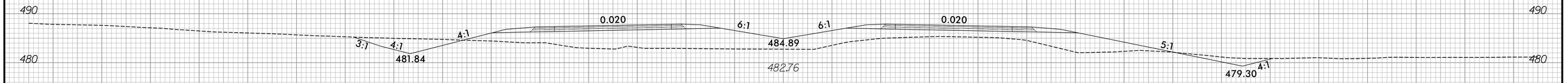
360+00.00



359+50.00



359+00.00



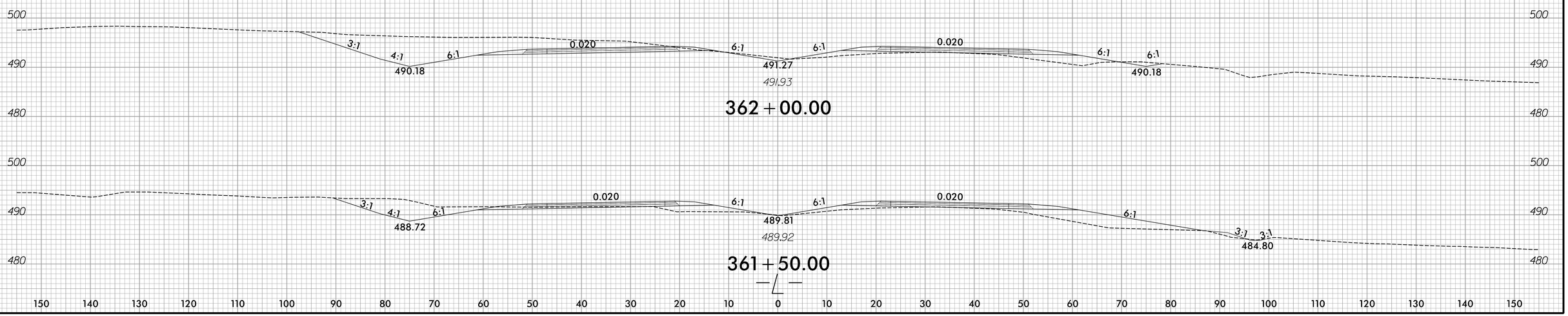
358+50.00

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-19

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

END –L– POT STA. 362+18.44 BK
BEGIN –L– POT STA. 361+50.00 AH



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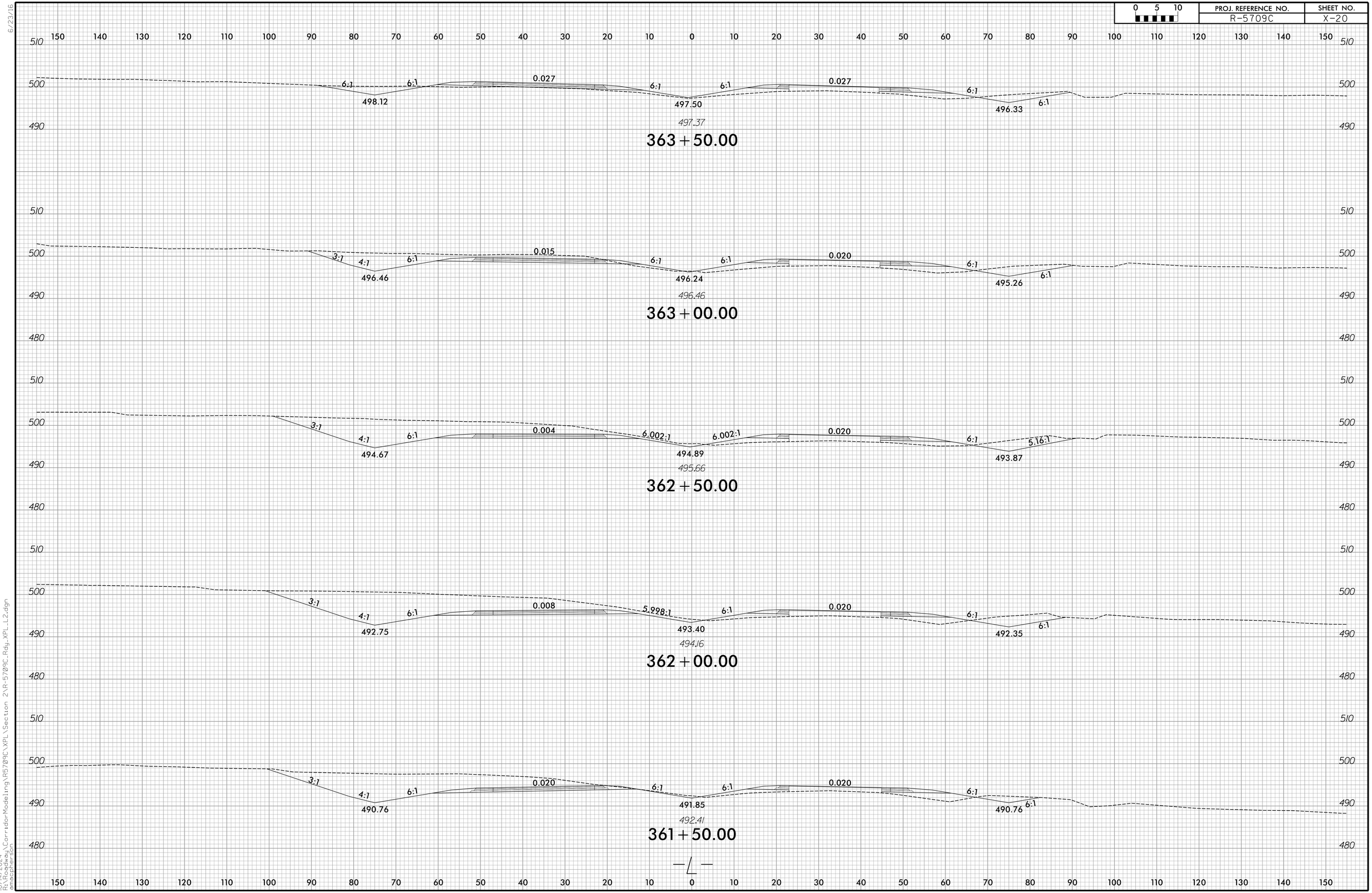
jcrocker



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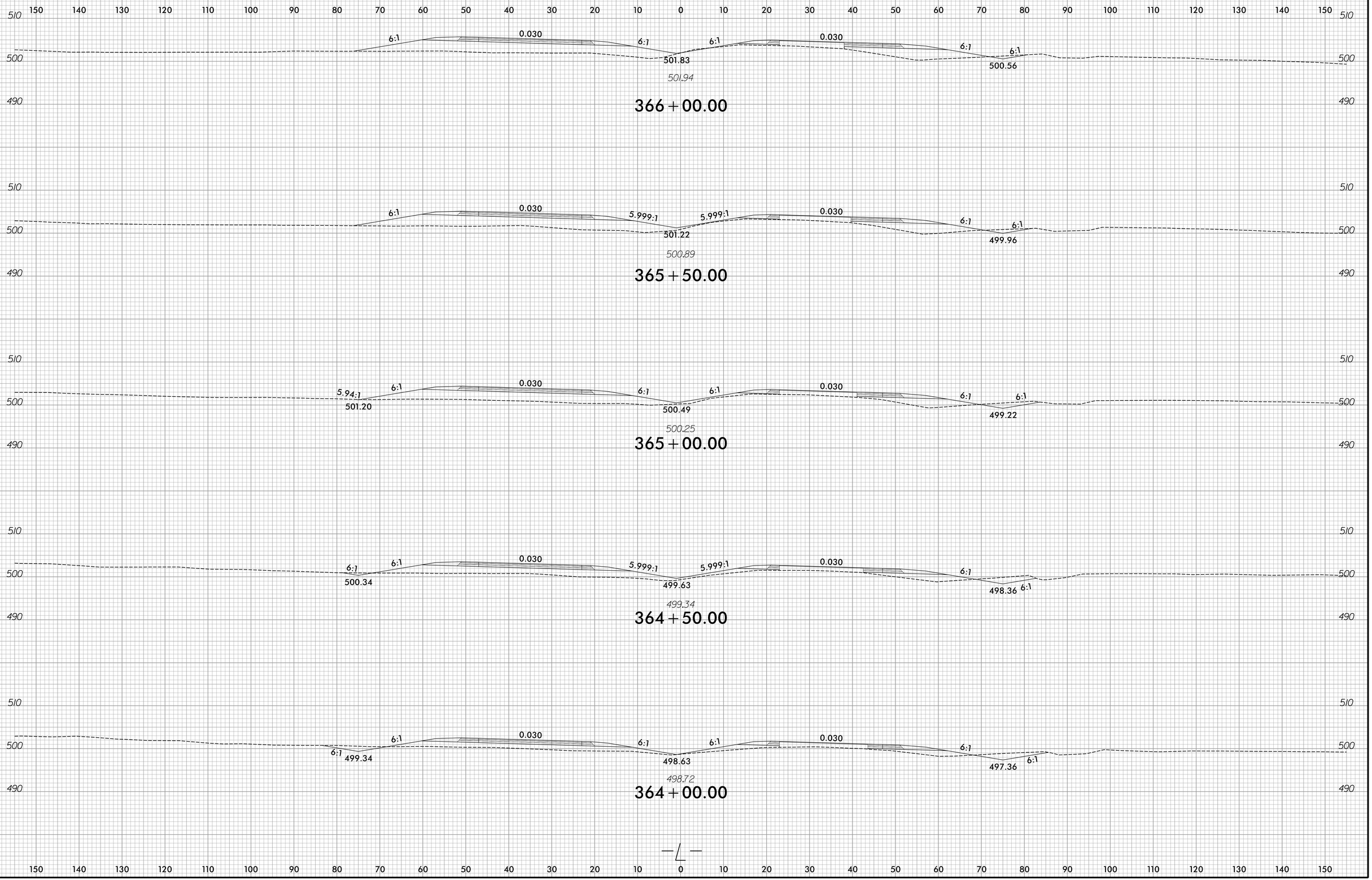
smcpherson

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-21



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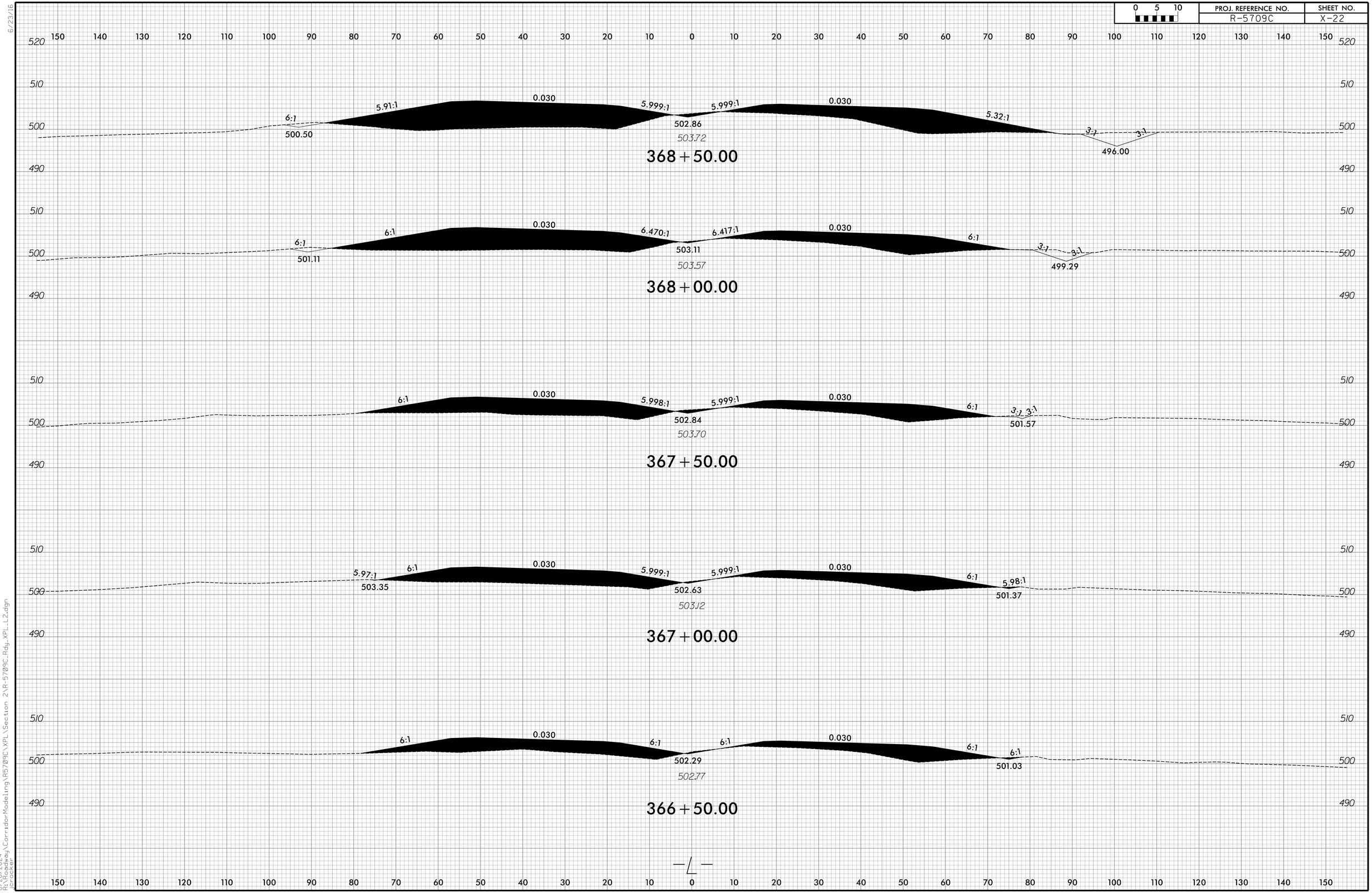
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-22



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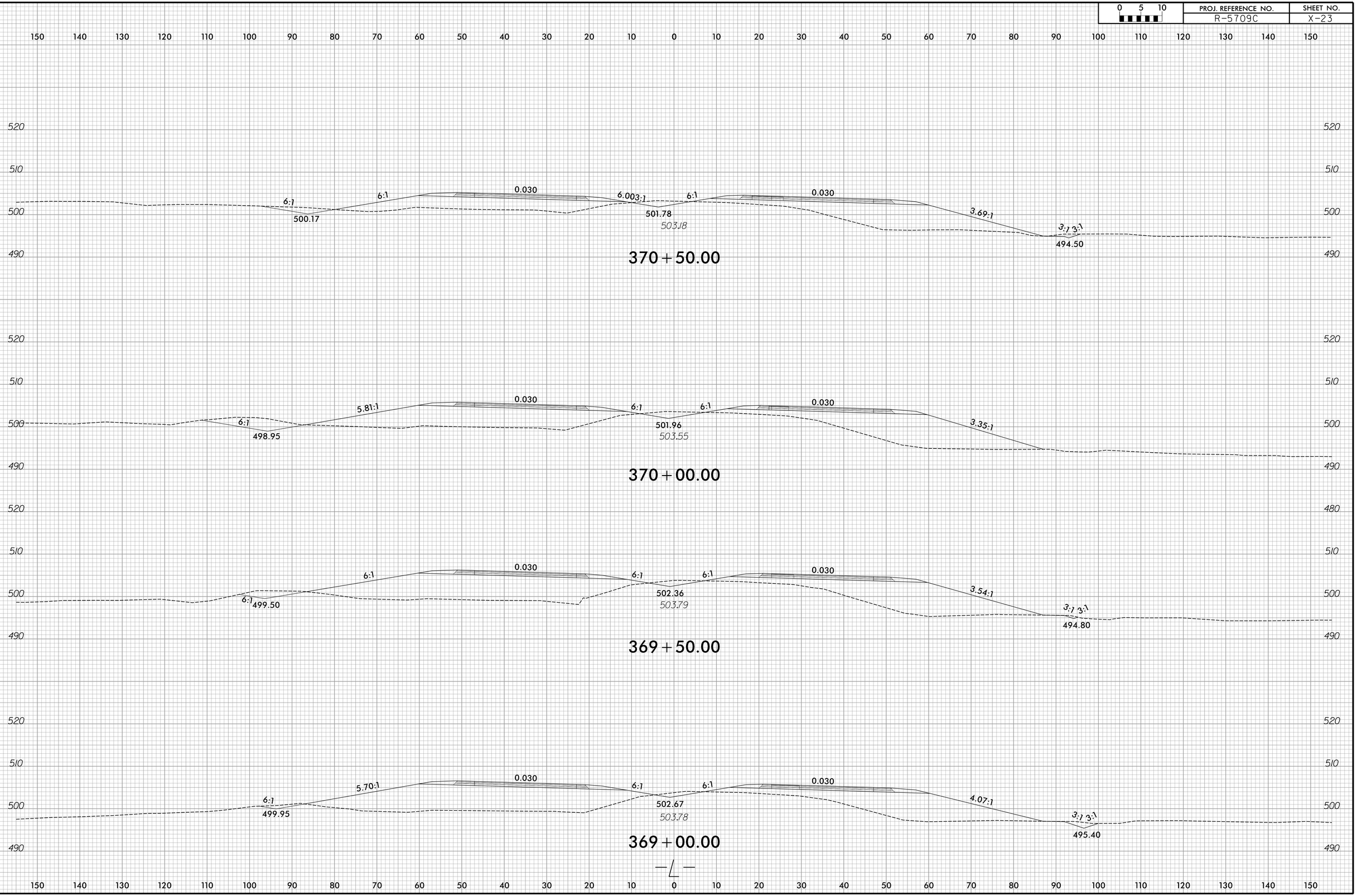
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-23



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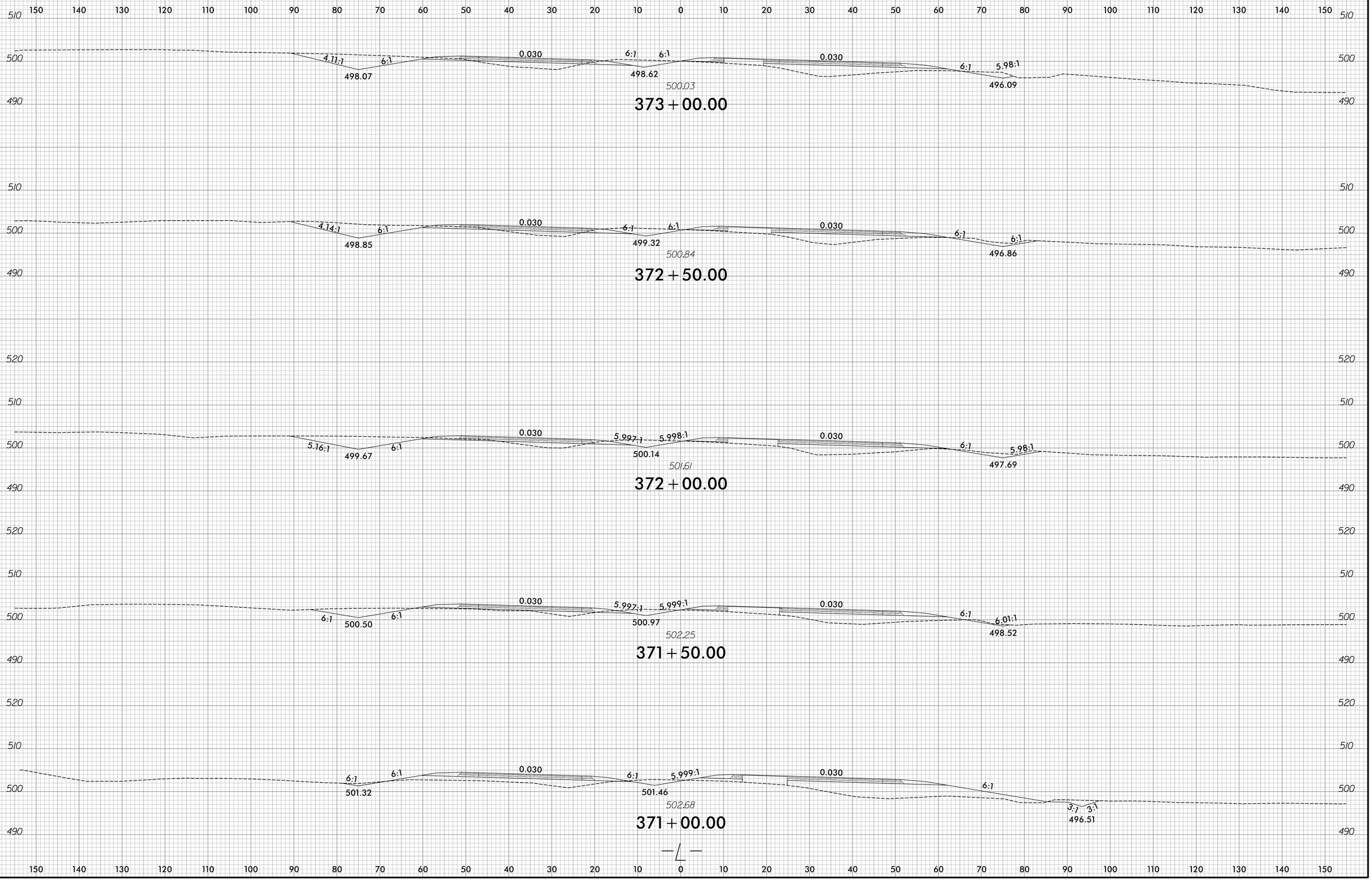
amacpherson

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-24



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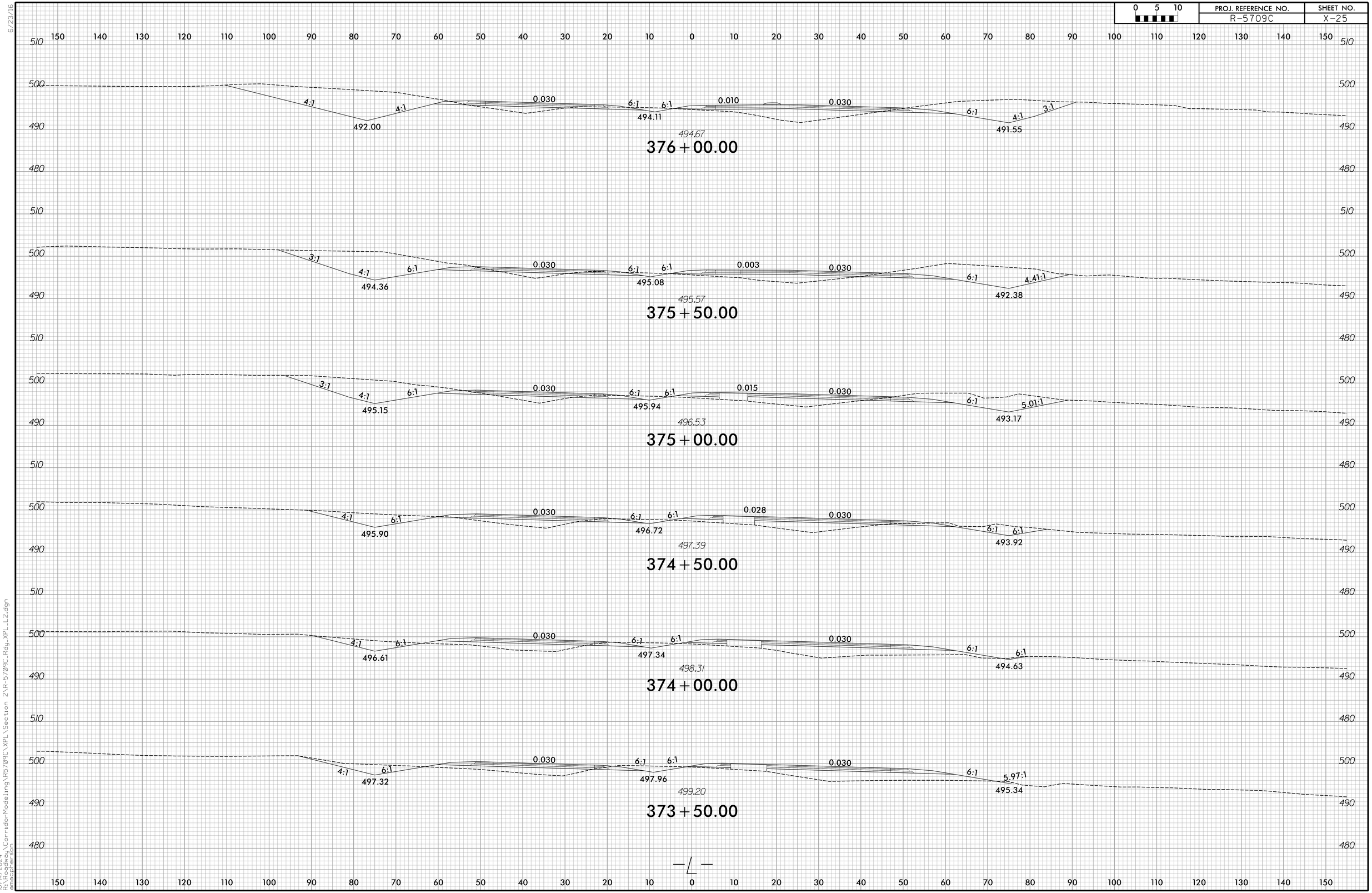
gmacpherson

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-25



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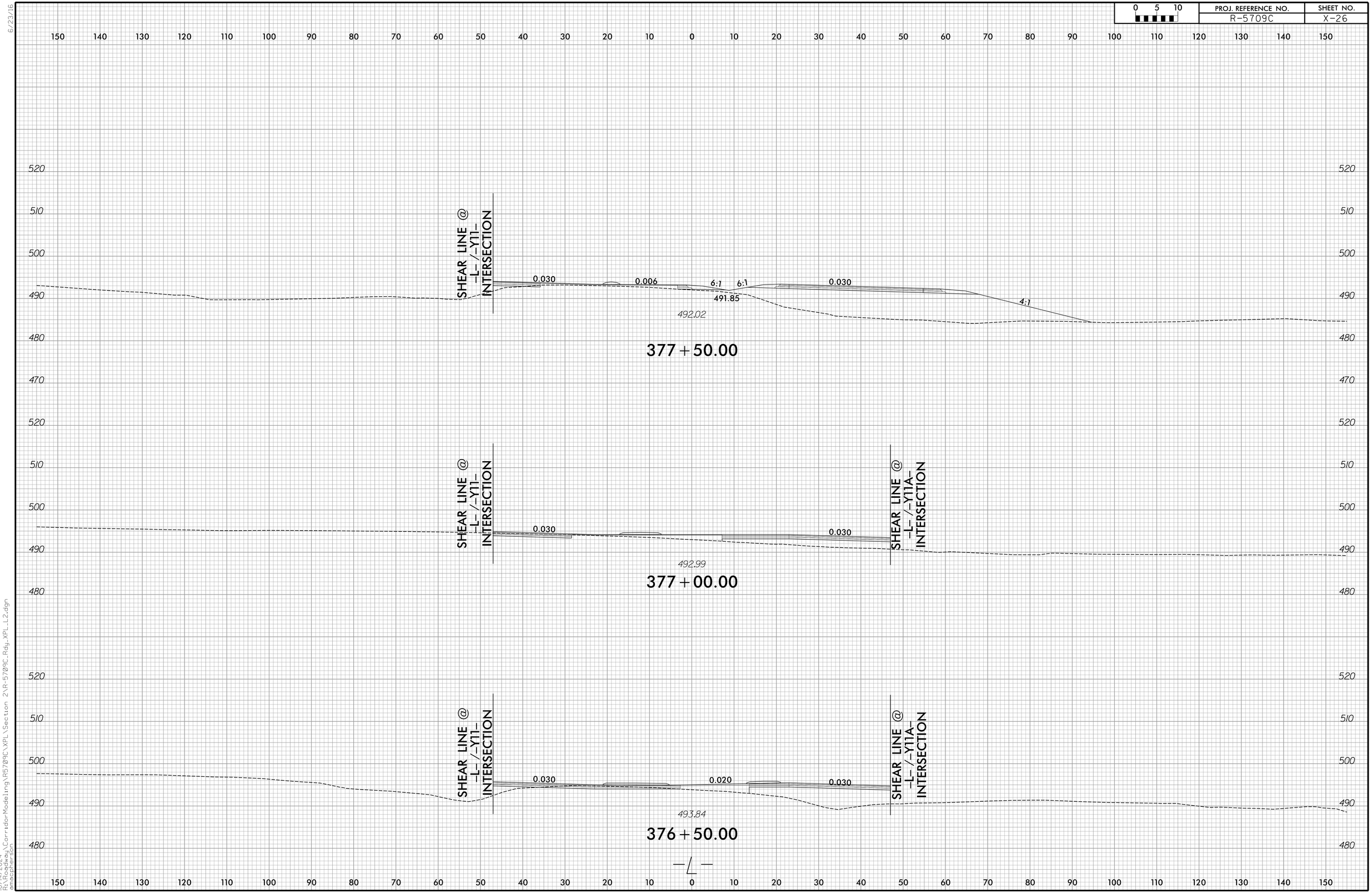
gmacpherson



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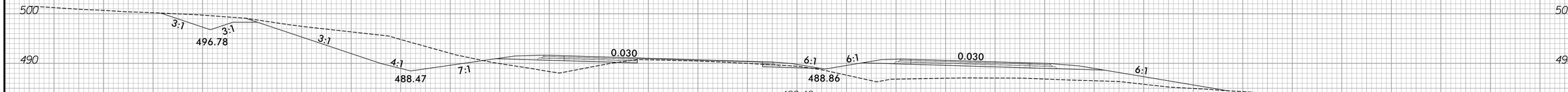
amacpherson

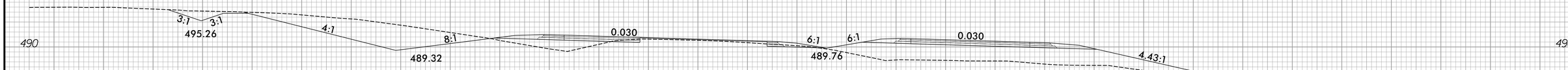
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-27

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

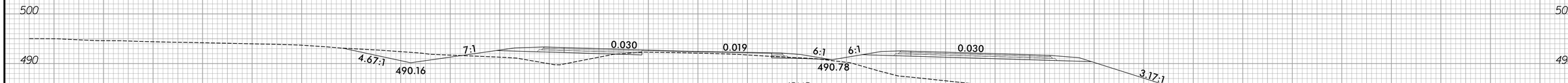
510 500 490 480 470



379+00.00



378+50.00



378+00.00

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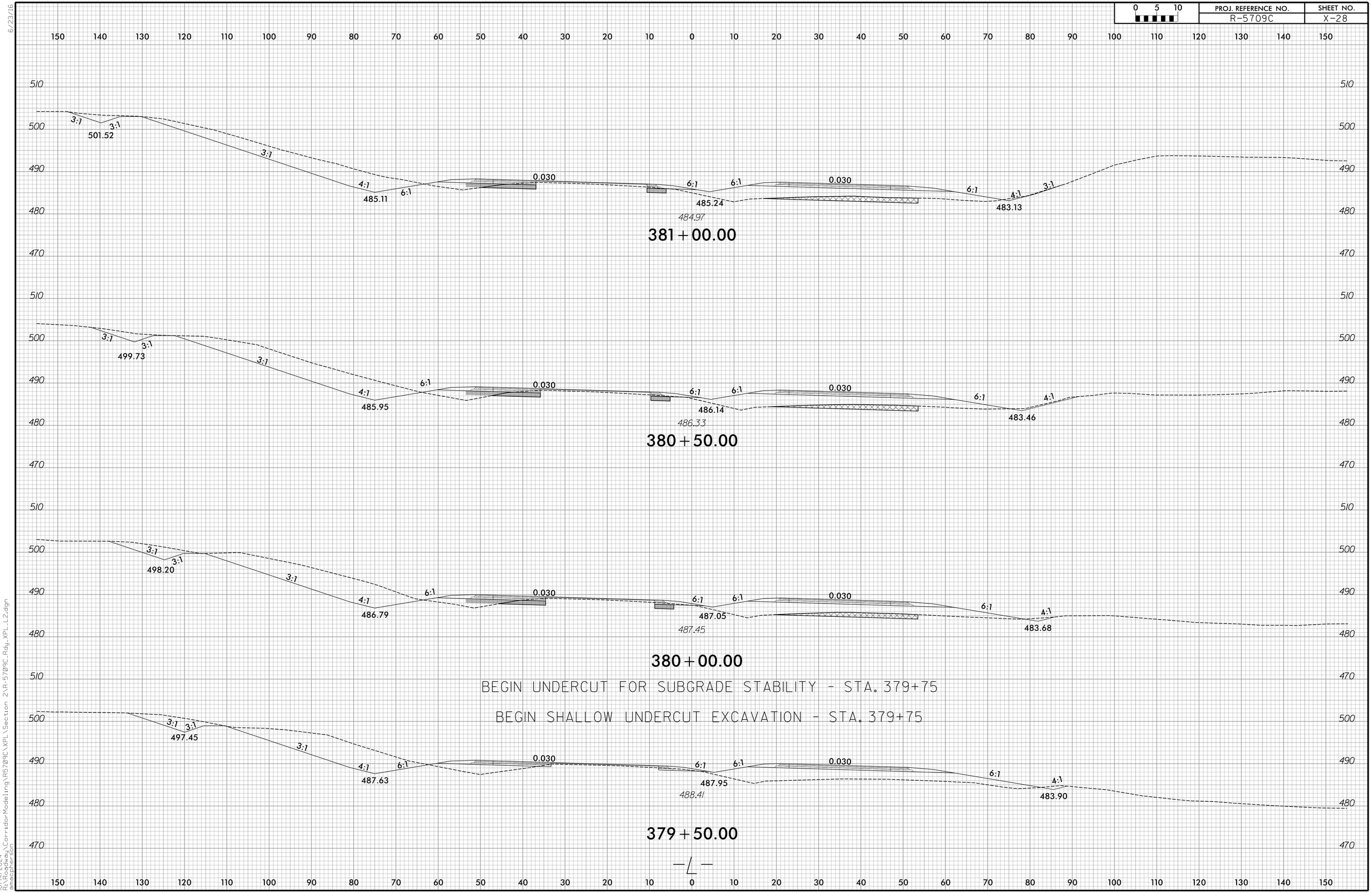
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-28



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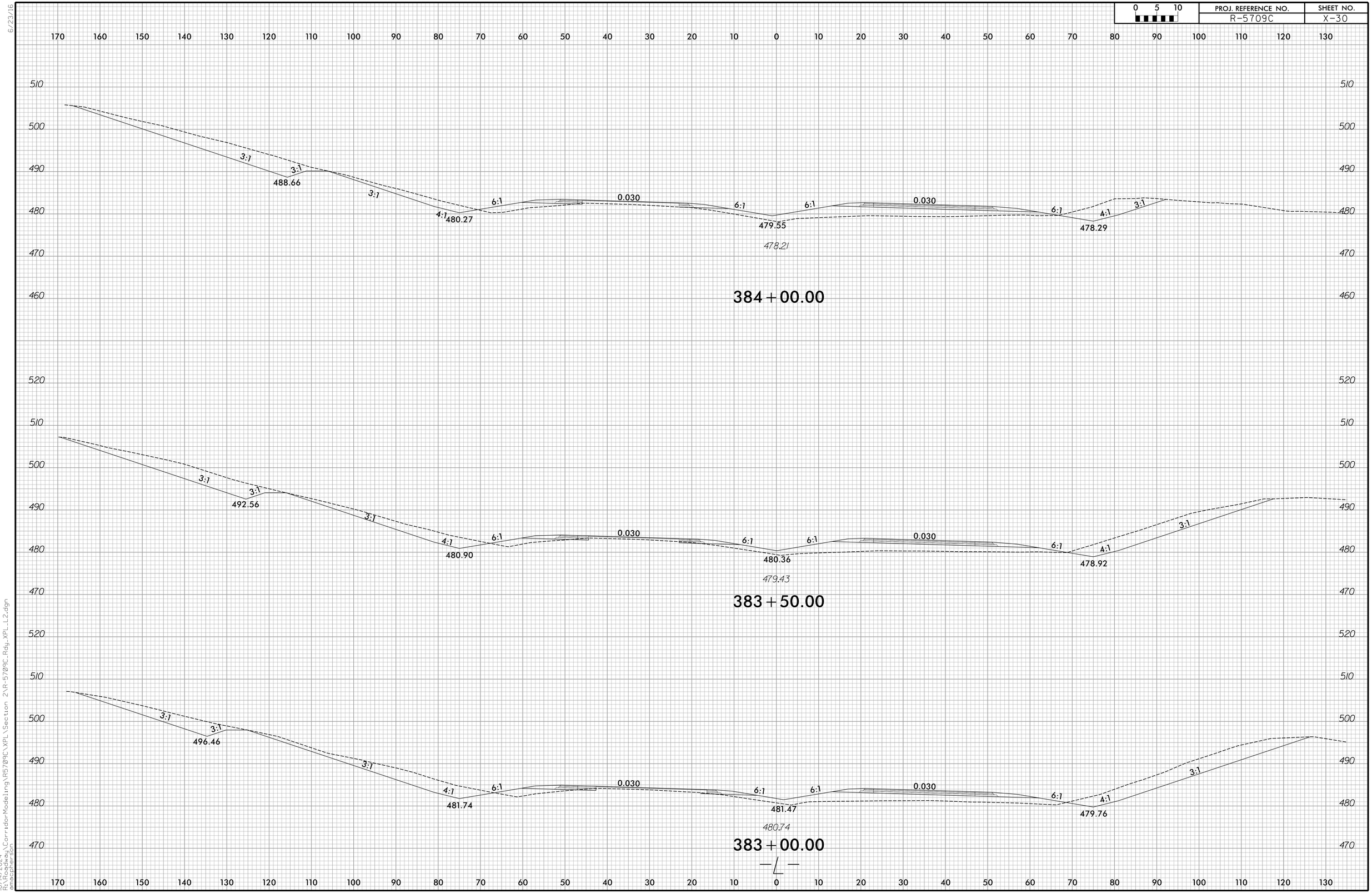
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-30



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amacpherson

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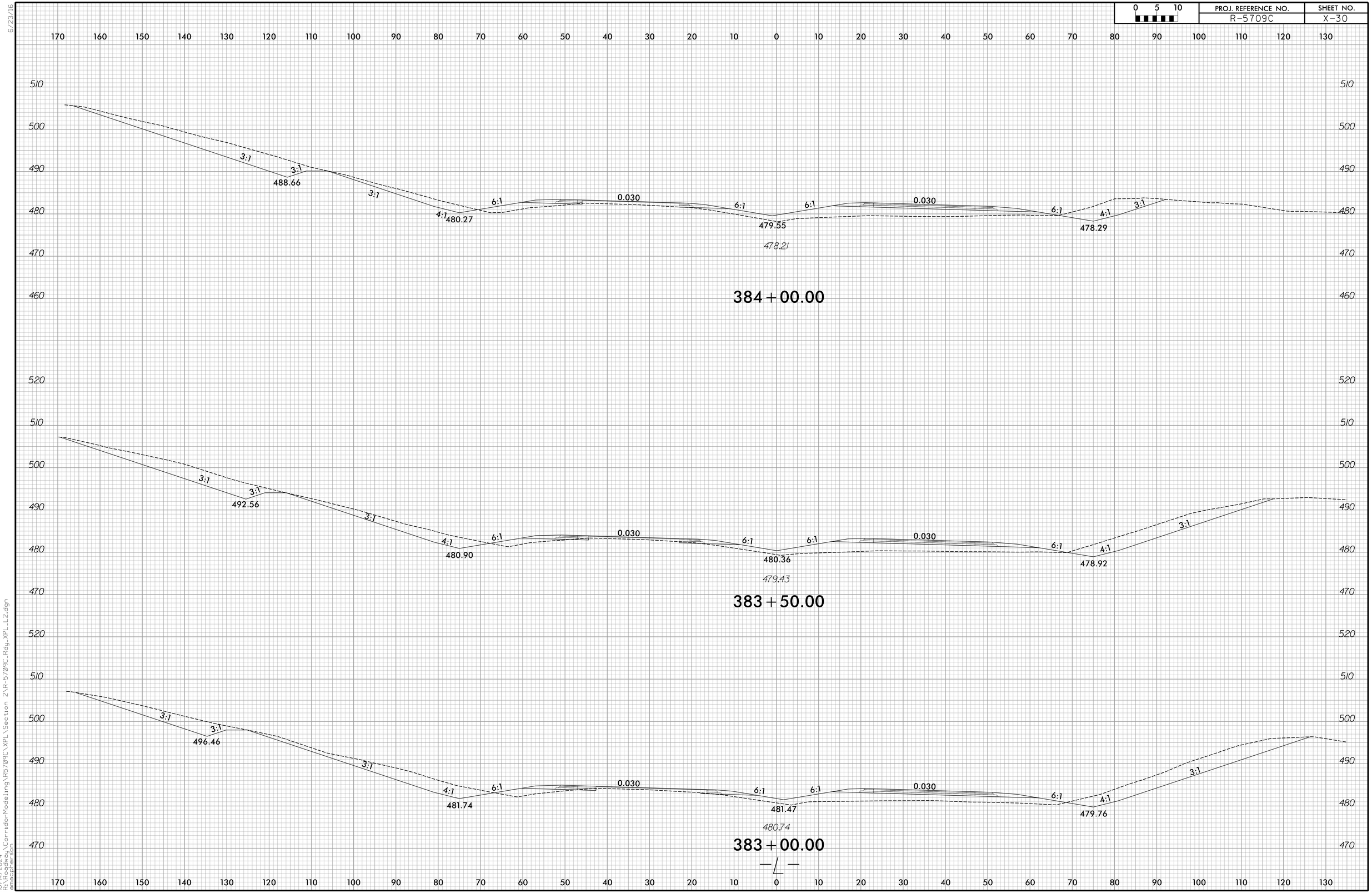
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-30



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amacpherson

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-31

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

510 500 490 480 470 460 450

3.94:1 6:1 0.006 6:1 6:1 0.020 6:1 4:1 3:1

477.72 477.90 476.89

477.35

385+00.00

520 510 500 490 480 470 460 450

3:1 3:1 3:1 6:1 0.019 6:1 6:1 0.020 6:1 4:1 3:1

487.72 477.87 478.54 477.57

477.61

384+50.00

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

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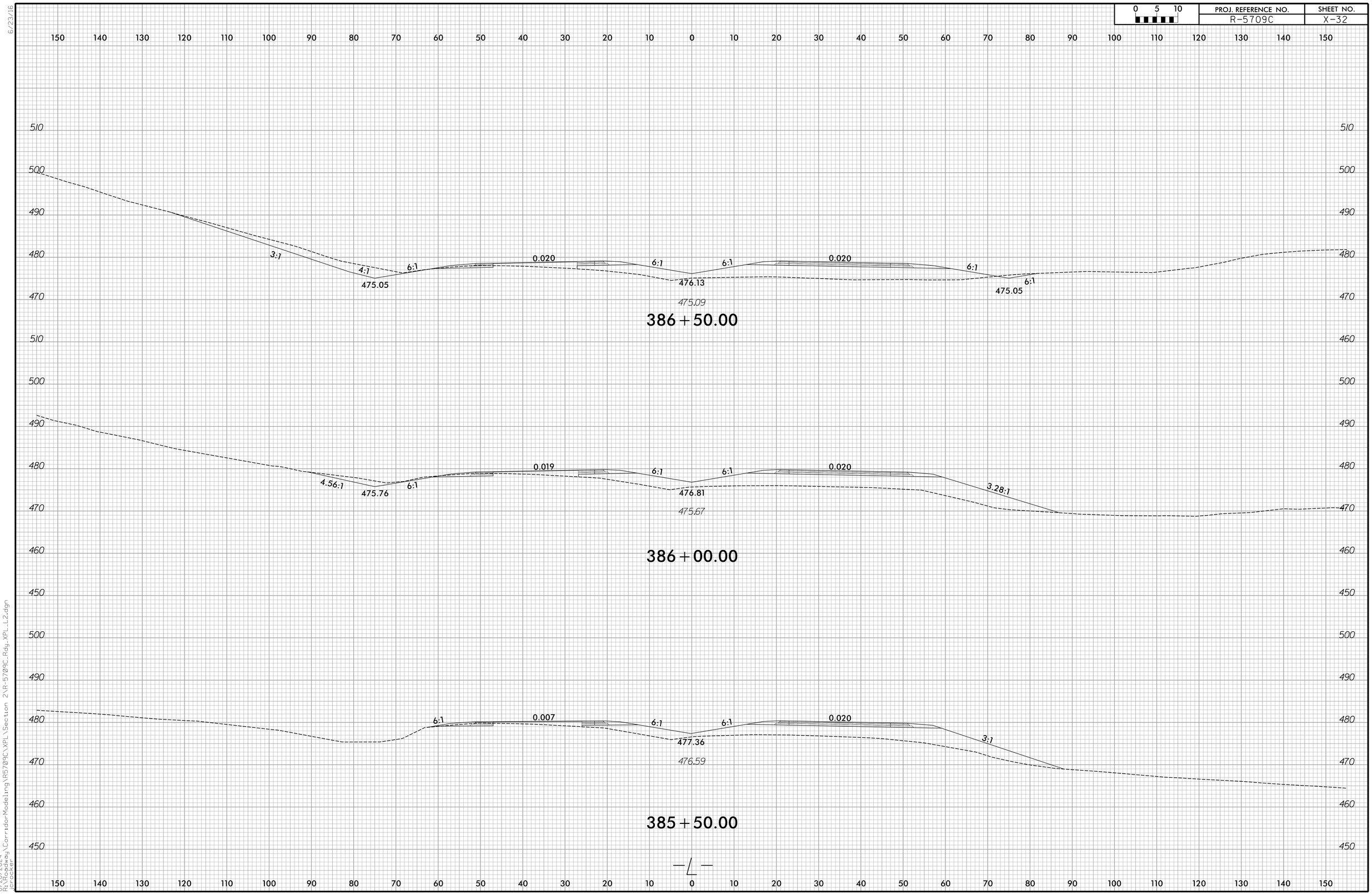
amacpherson

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-32



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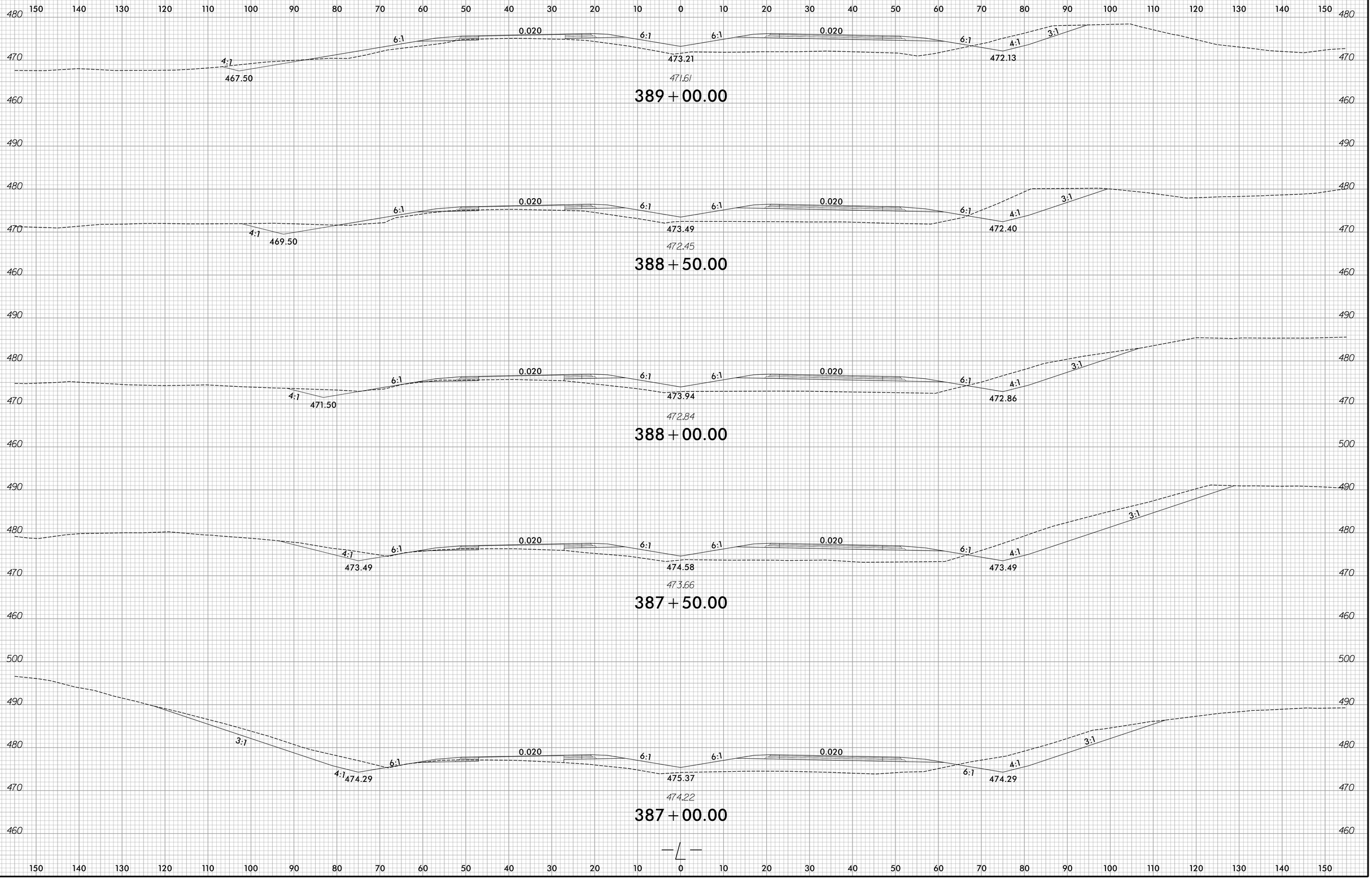
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-33



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jcrocker

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-34

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

480 470 460 450 440

3:1 457.20 3:1 3:1 0.020 5.999:1 473.82 5.998:1 0.008 3:1 3:1 450.00

468.72

391+00.00

480 470 460 450

3:1 458.90 3:1 3:1 0.020 6:1 473.42 5.999:1 0.005 3:1

470.14

390+50.00

480 470 460 450

3:1 462.20 3:1 3:1 0.020 5:1 472.66 5:1 0.017 6:1 471.27 3:1

471.40

390+00.00

480 470 460 450

3:1 465.50 3:1 3:1 0.020 3.60:1 5.648:1 472.94 5.648:1 0.020 6:1 471.43 3:1

470.79

389+50.00

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

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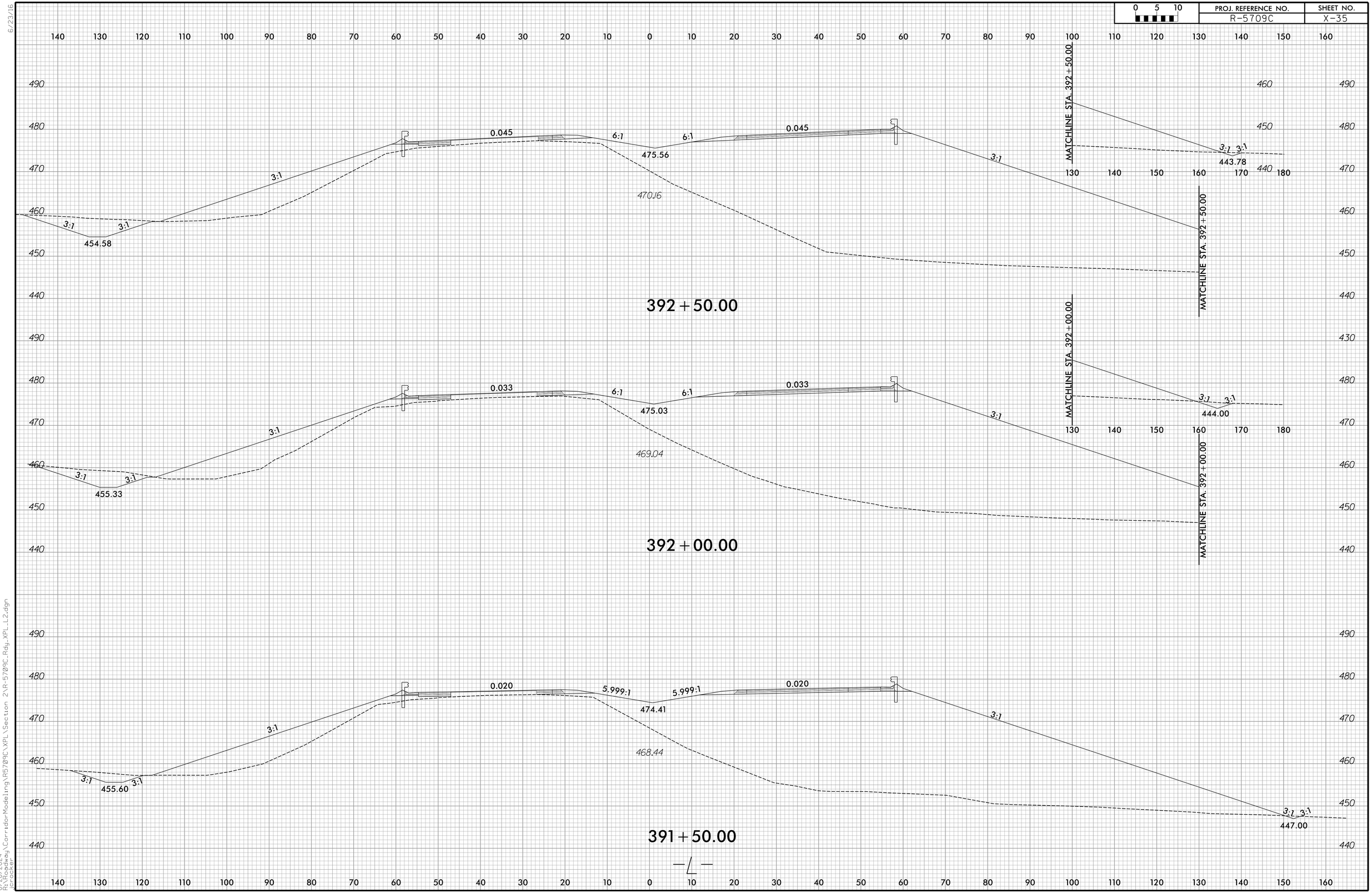
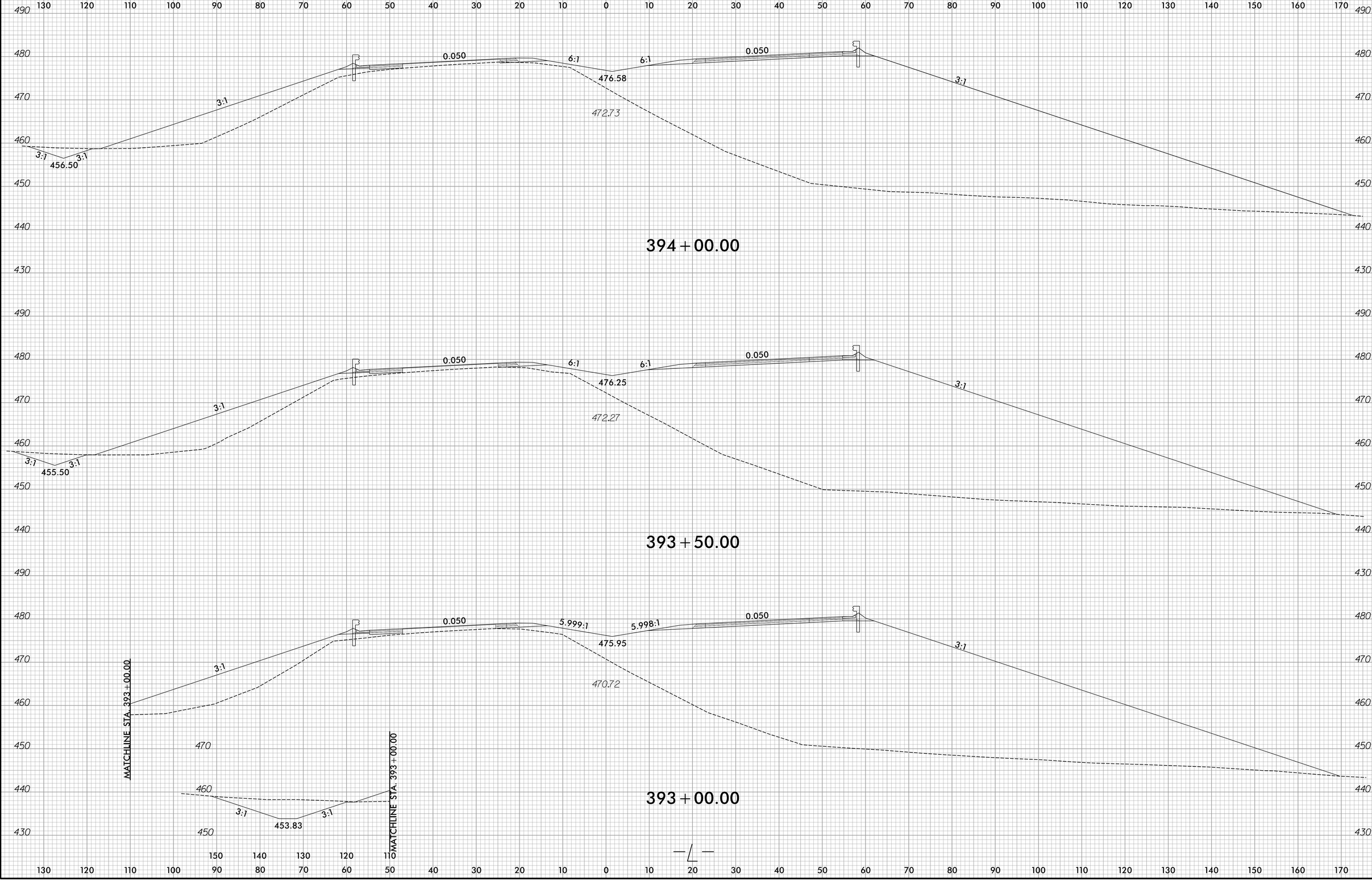
brocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-35



0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-36



6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-37

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

490 480 470 460 450 440 430

3:1 3:1 3:1 458.50 0.050 5.999:1 5.998:1 477.34 474.15 0.050 3:1

395+00.00

490 480 470 460 450 440 430

3:1 3:1 3:1 457.50 0.050 5.999:1 5.998:1 476.94 474.38 0.050 3:1

394+50.00

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

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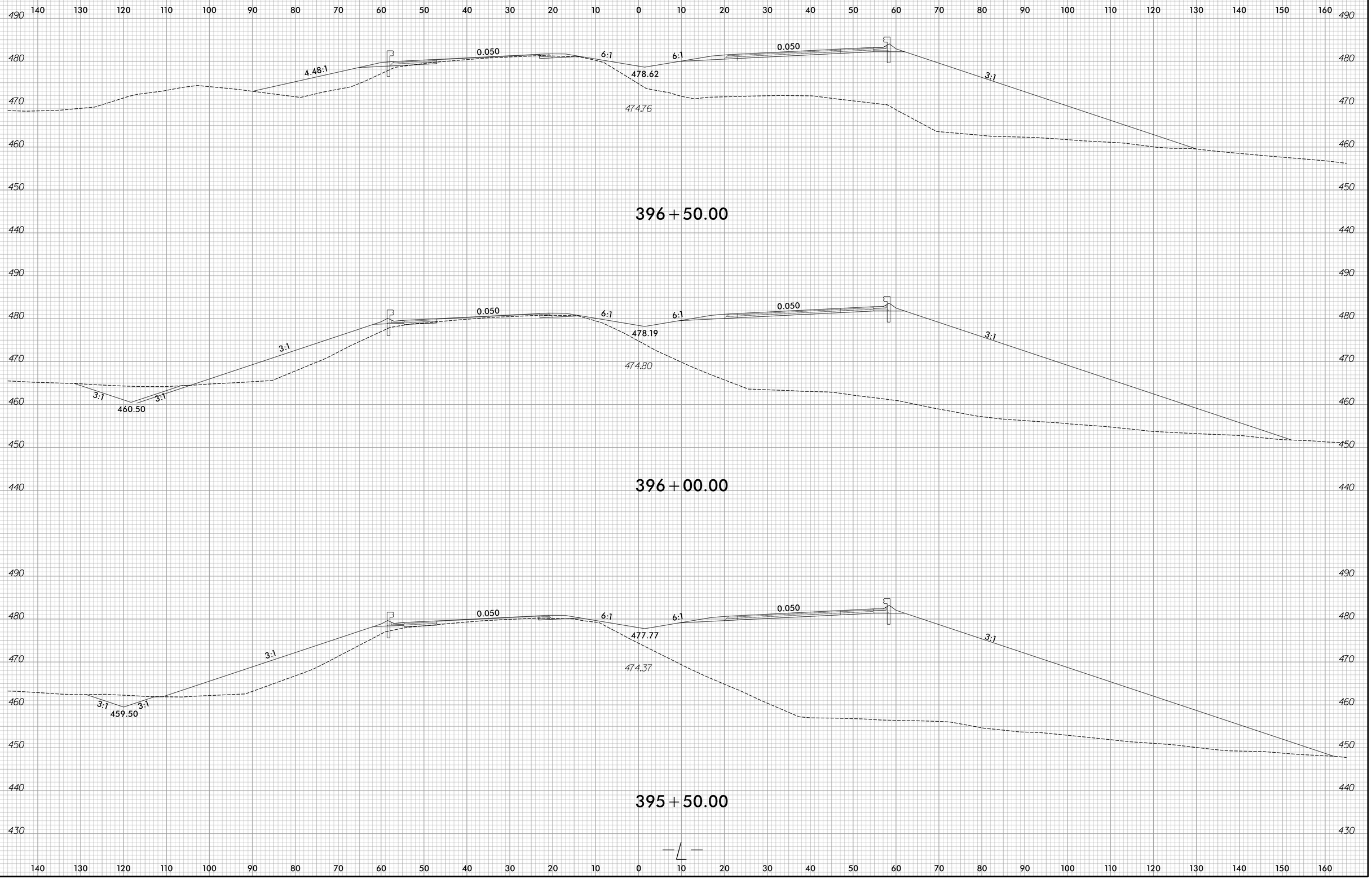
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-38



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jcrocker

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-39

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

500
490
480
470
460
450

3:16:1
4:1
6:1
0.050
5.993:1
5.992:1
0.050
6:1
5.99:1
477.56
479.42
479.17
481.11

397+50.00

500
490
480
470
460
450

6:1
0.050
5.999:1
5.998:1
0.050
3:1
479.04
478.13

397+00.00

440

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

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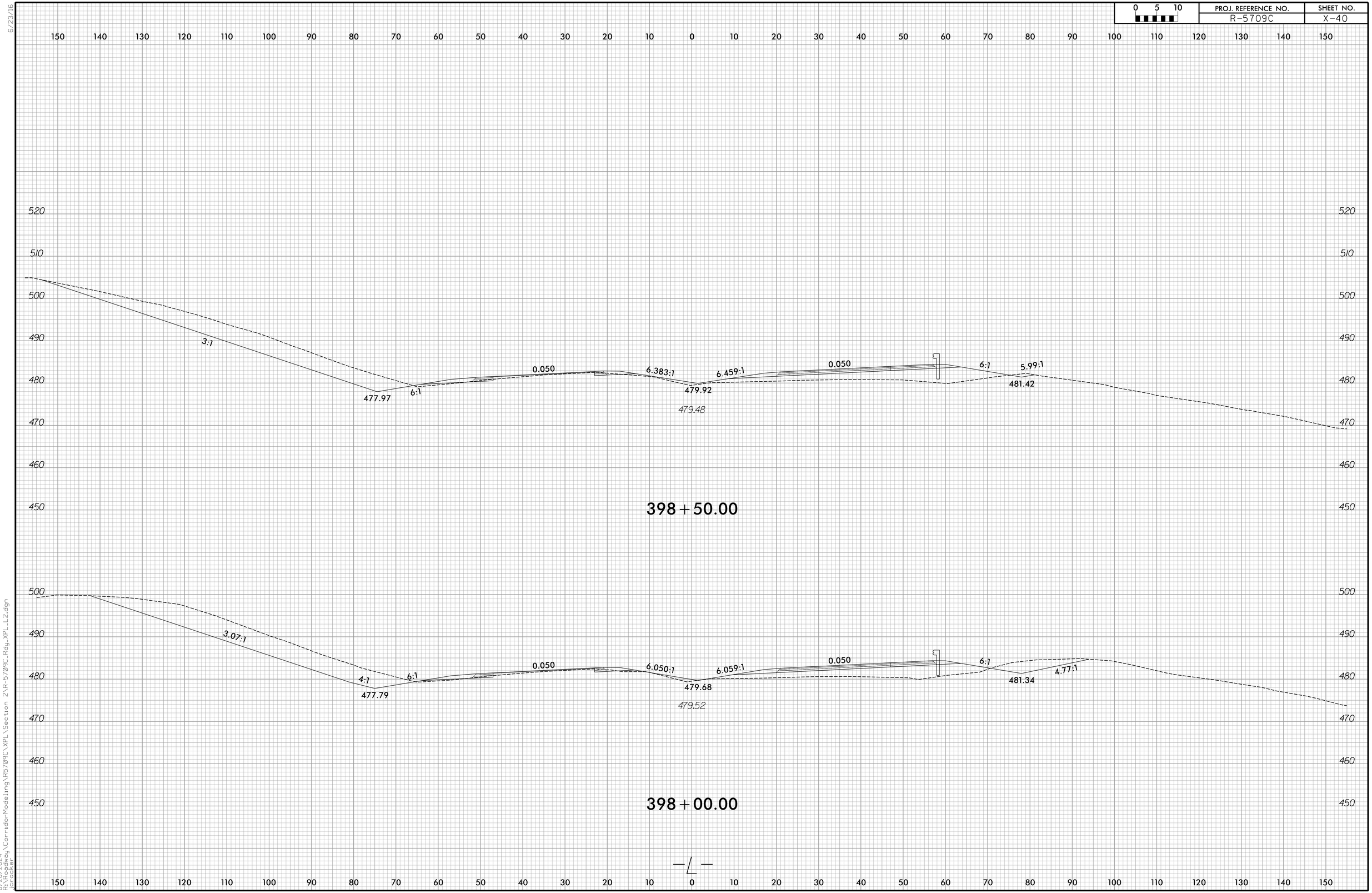
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-40



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jcrocker

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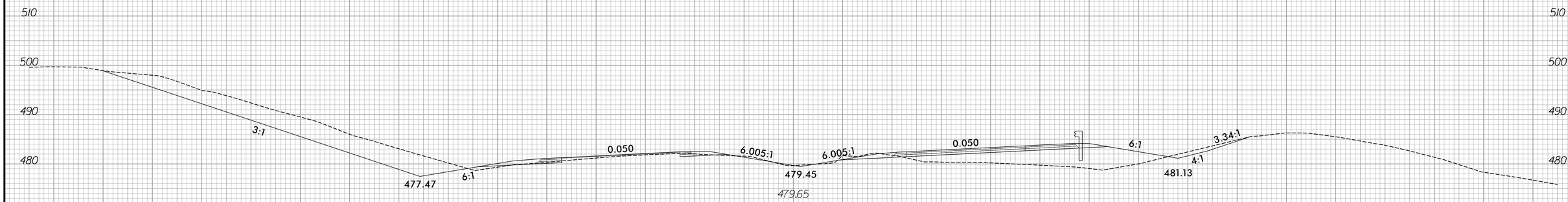
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-41

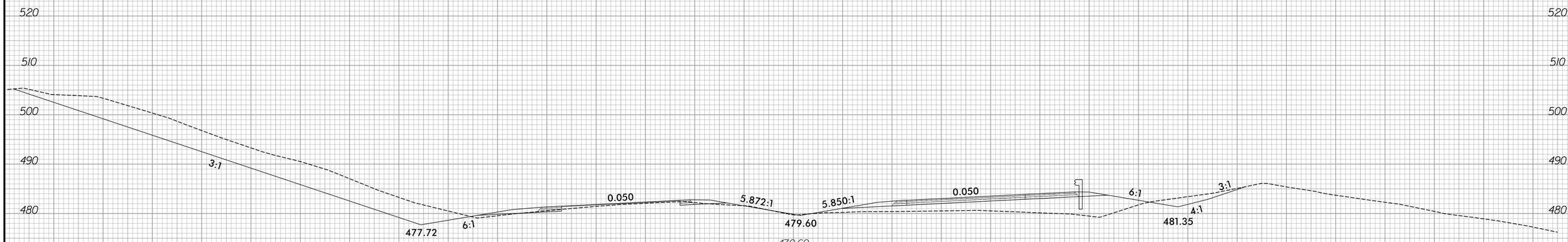
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

510 500 490 480 470 460 450



399+50.00

520 510 500 490 480 470 460 450



399+00.00

—℄—

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

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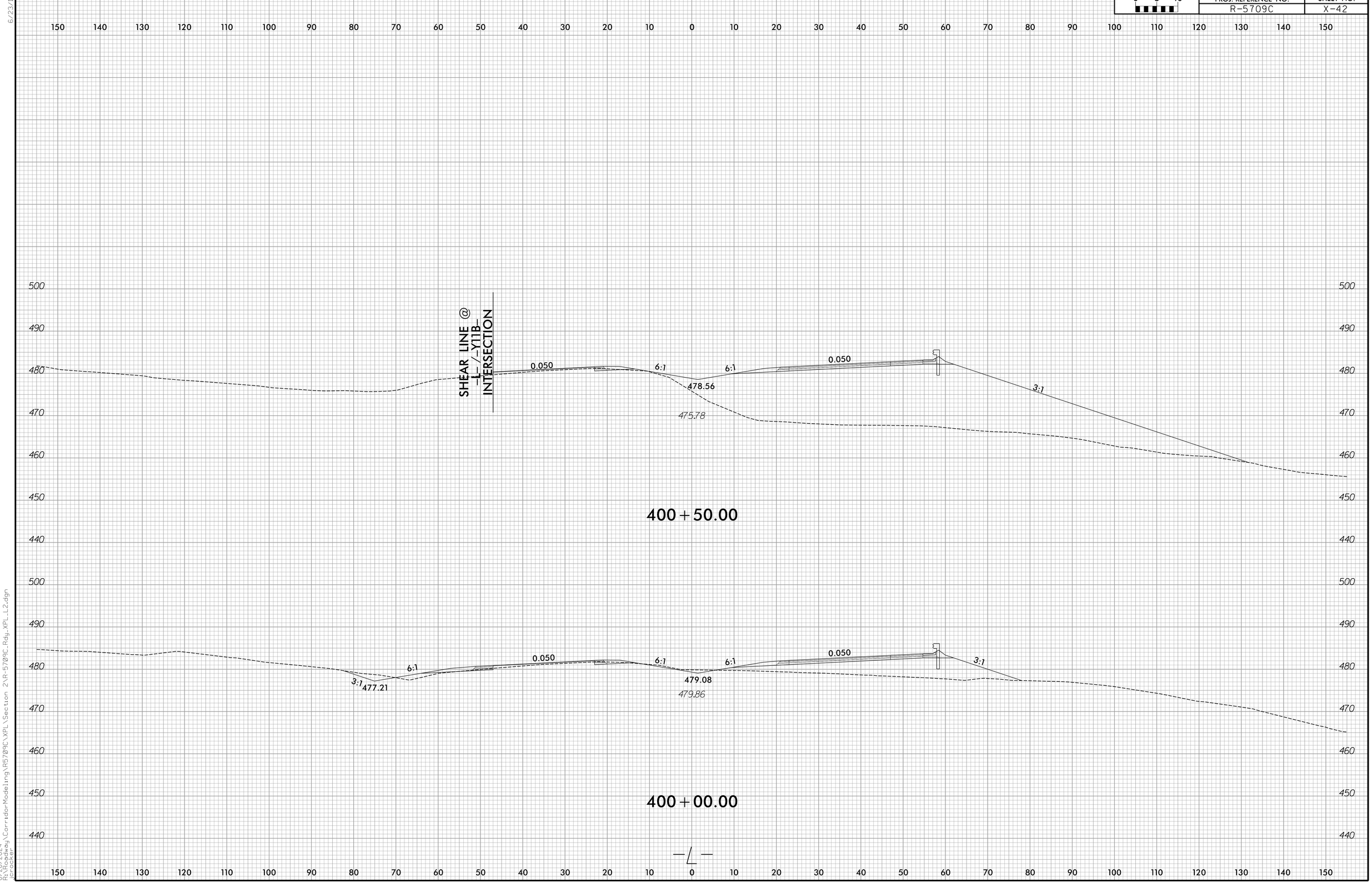
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-42



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jcrocker

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-43

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

510
500
490
480
470
460
450
440

SHEAR LINE @ -L-/-Y11B- INTERSECTION

0.050
6:1
6:1
0.050
3:1

477.07
480.40

401+50.00

SHEAR LINE @ -L-/-Y11B- INTERSECTION

0.050
6:1
6:1
0.050
3:1

477.89
473.13

401+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

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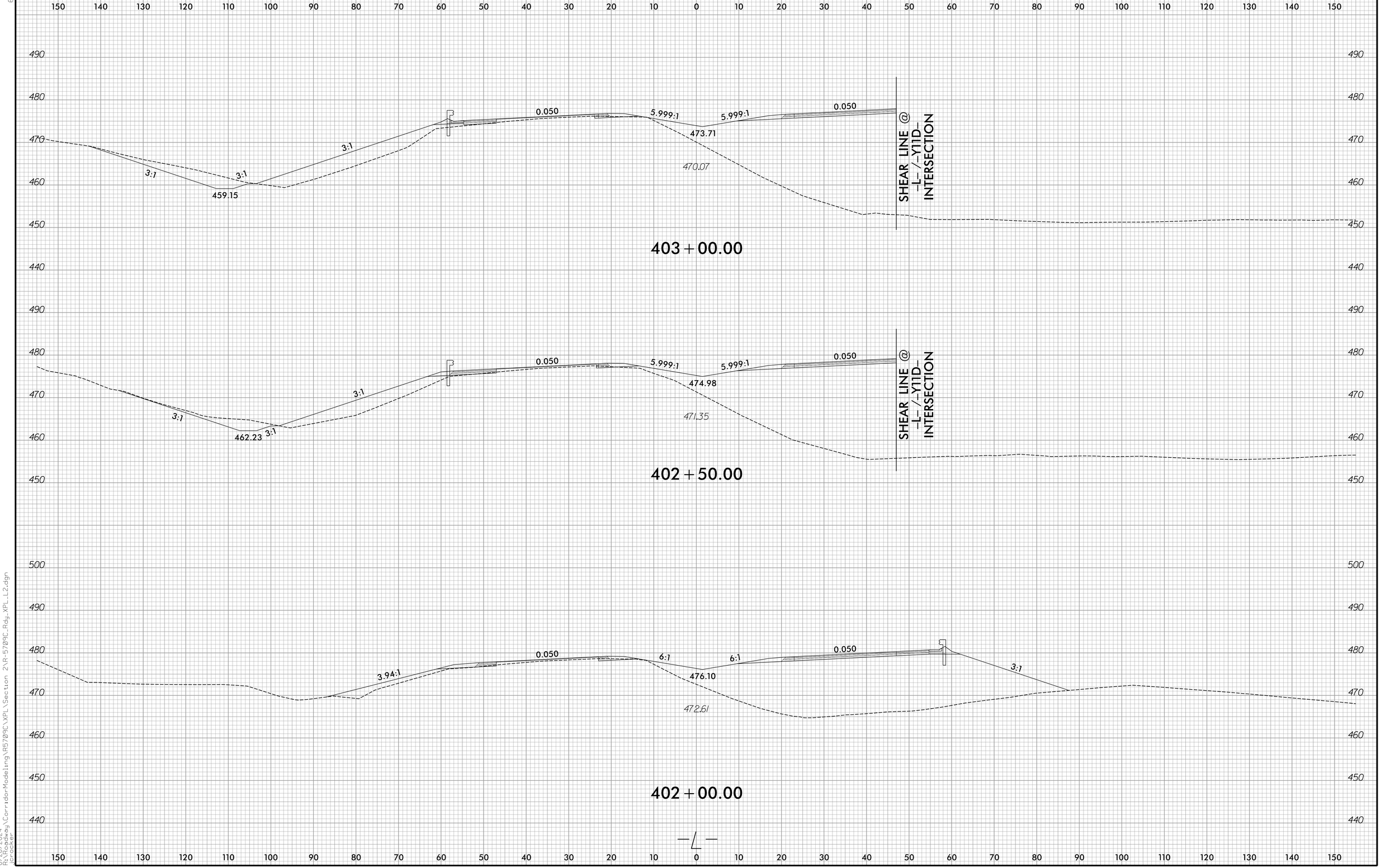
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-44



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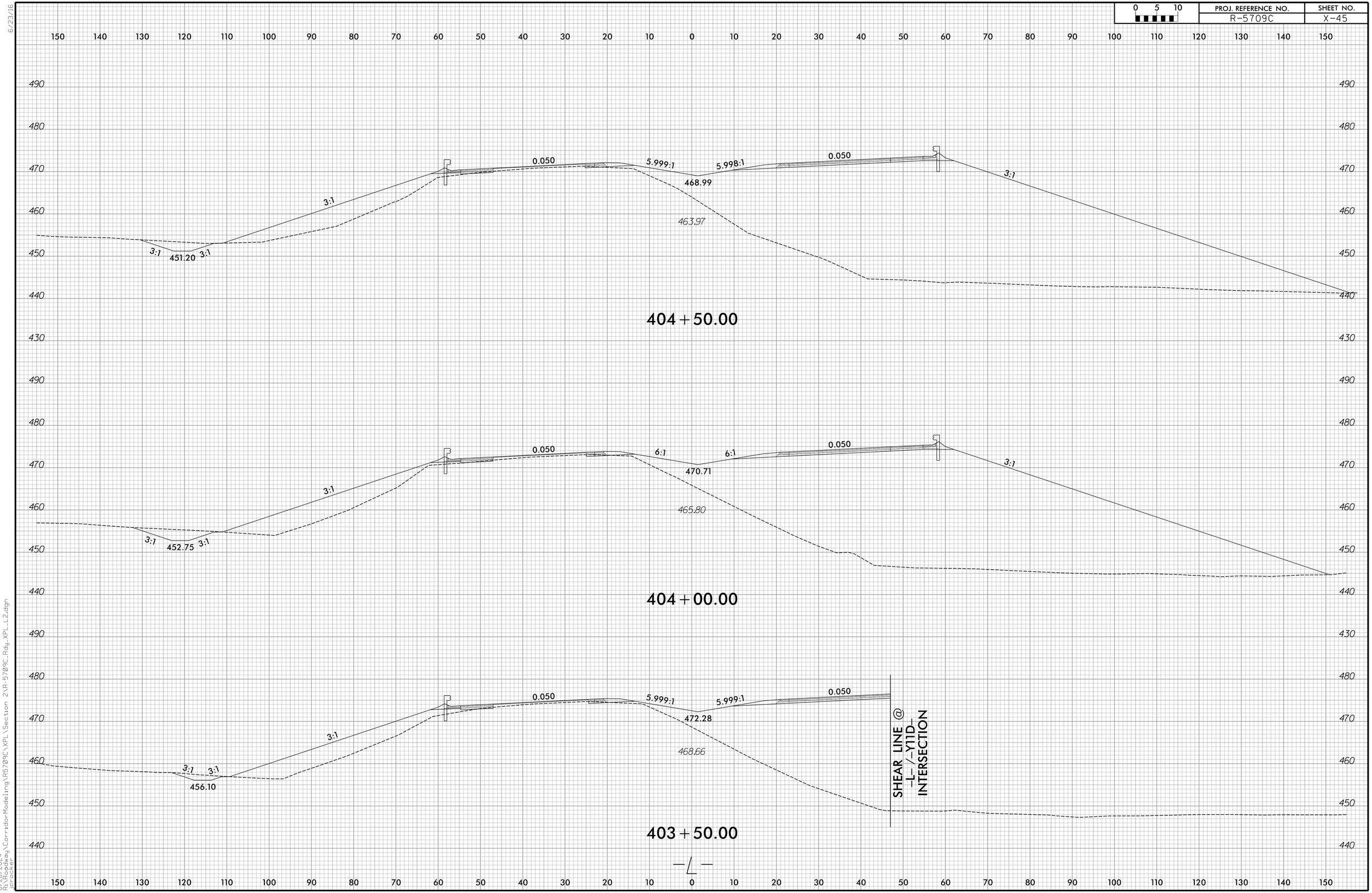
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-45



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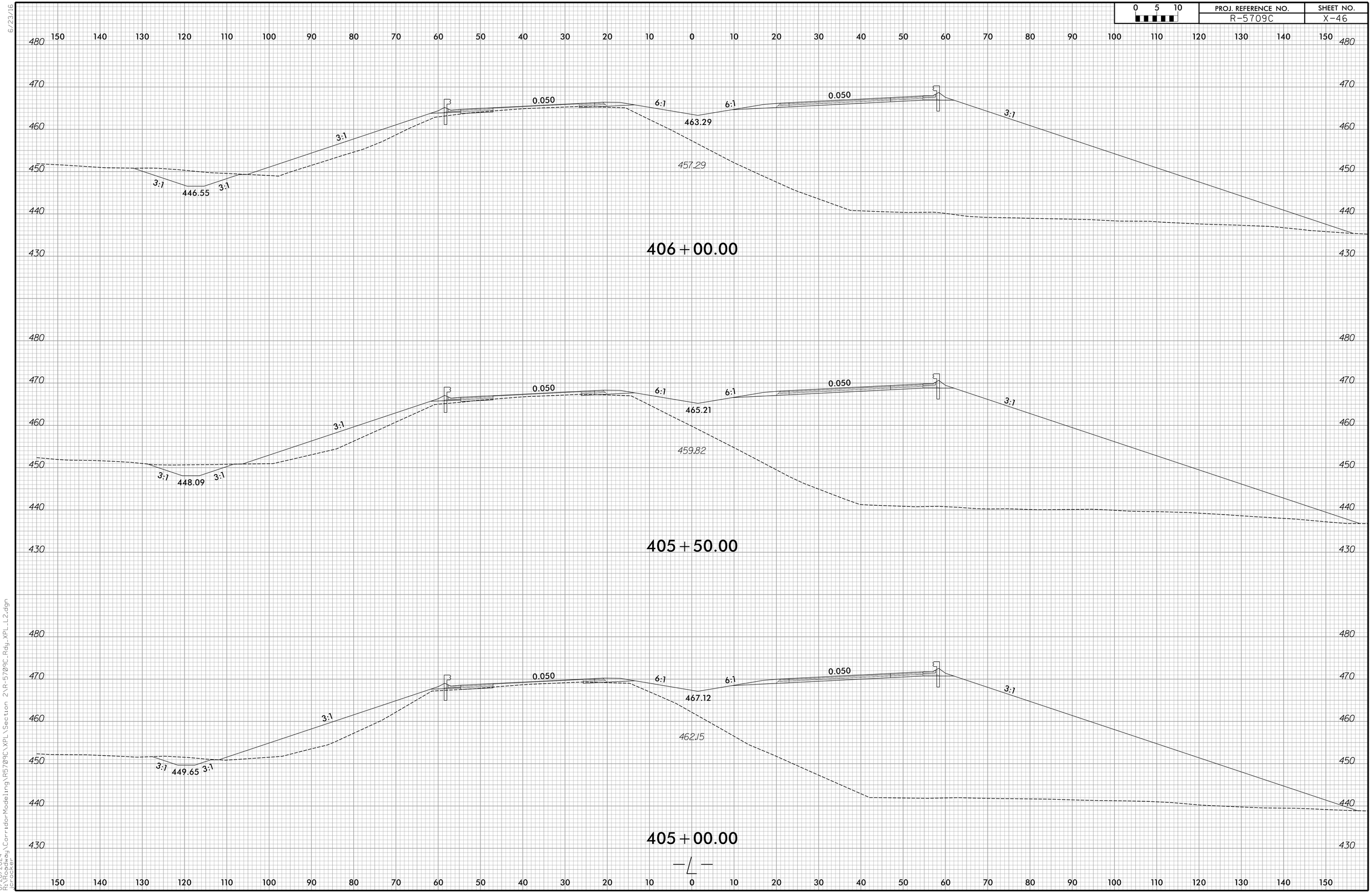
jbrooker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-46



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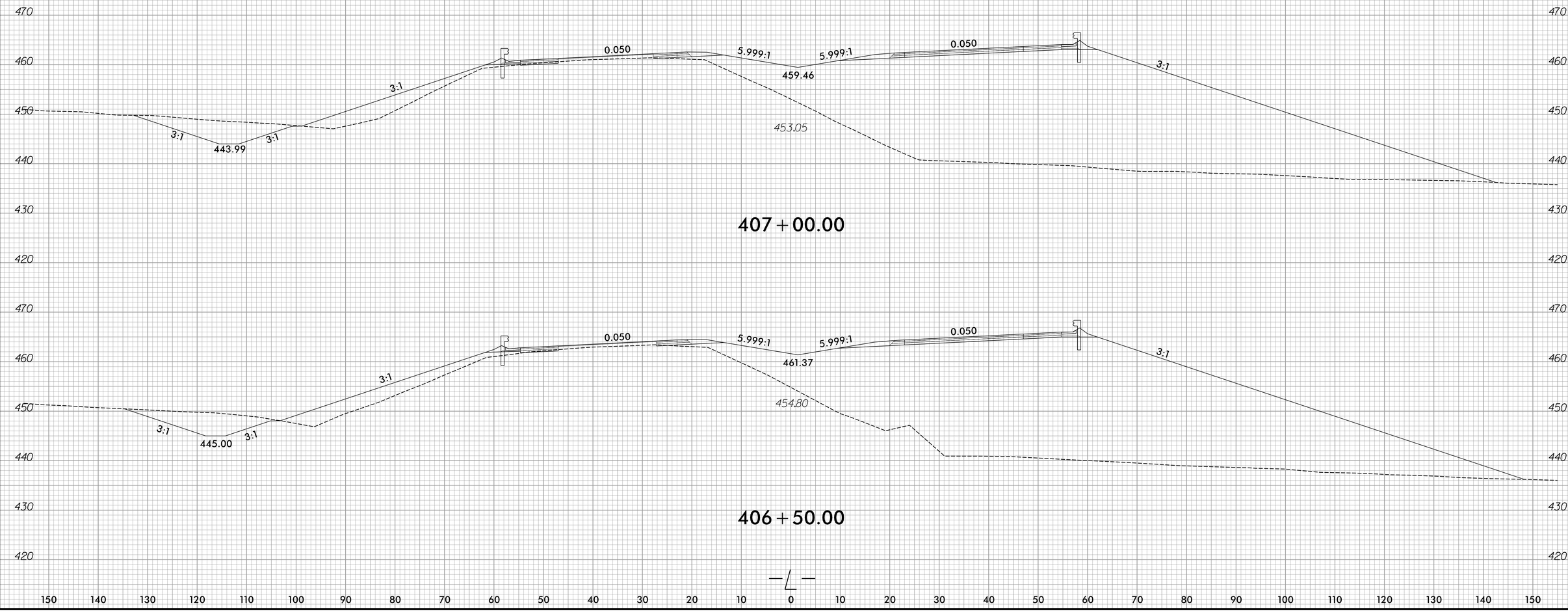
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-47

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

470 460 450 440 430 420

407+50.00



407+00.00

406+50.00

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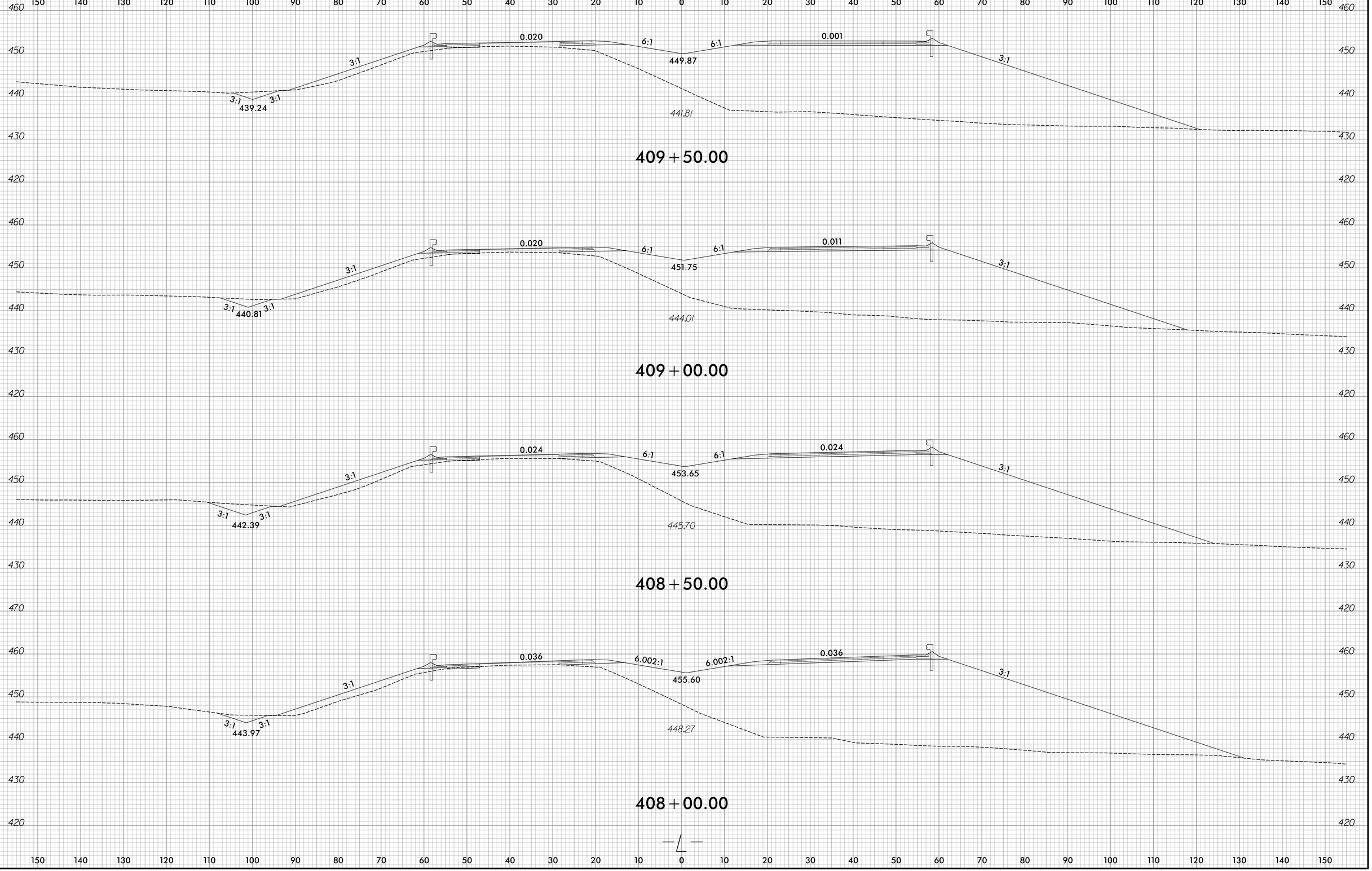
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-48



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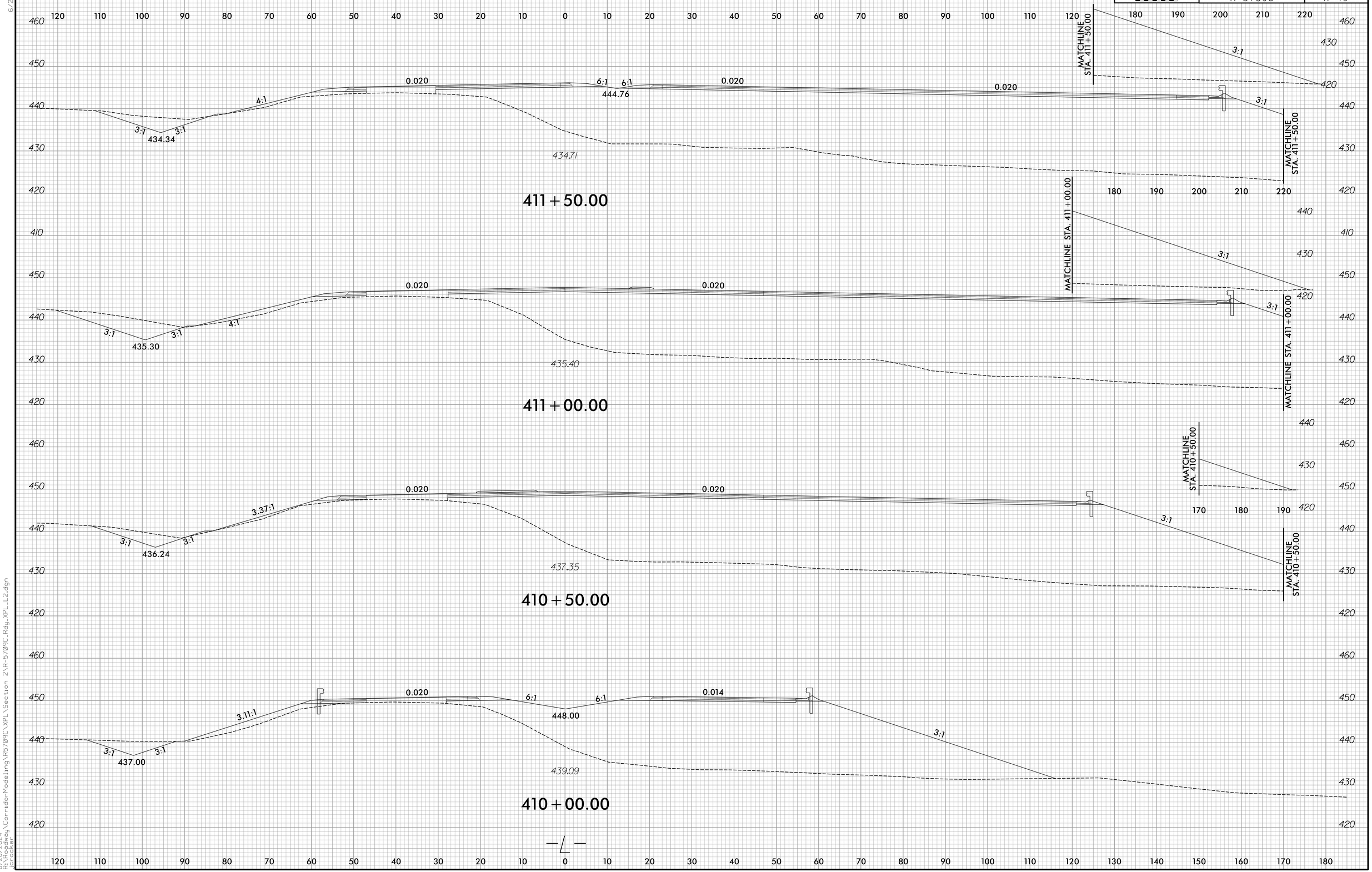
jcrocker



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jcrocker

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PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-50

0 5 10

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

450 440 430 420 410

0.020 6:1 6:1 0.020 0.020

439.86

4:1 3:1 3:1

429.15

430.65

413+50.00

0.020 6:1 6:1 0.020 0.020

440.82

4:1 3:1 3:1

429.64

431.42

413+00.00

0.020 6:1 6:1 0.020

441.95

4:1 3:1 3:1

430.36

432.73

412+50.00

180 190 200 210

MATCHLINE STA. 412+00.00

0.020 6:1 6:1 0.020

443.27

4:1 3:1 3:1

433.39

433.59

412+00.00

MATCHLINE STA. 412+00.00

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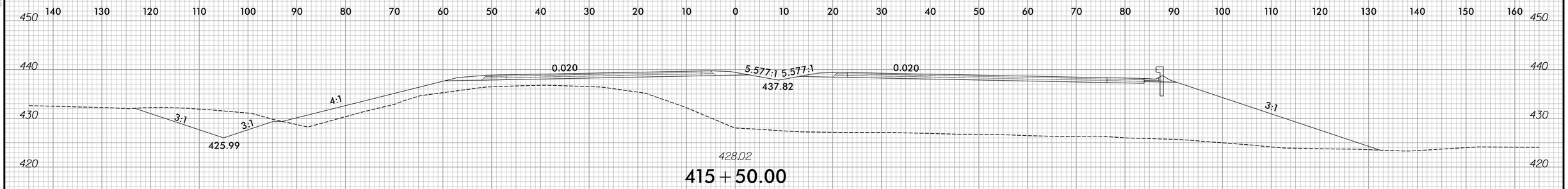
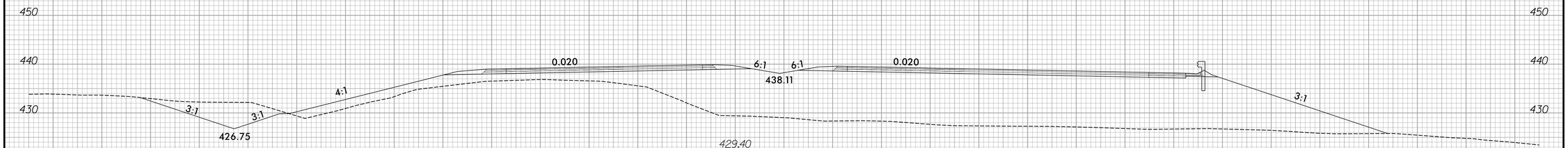
jcrocker

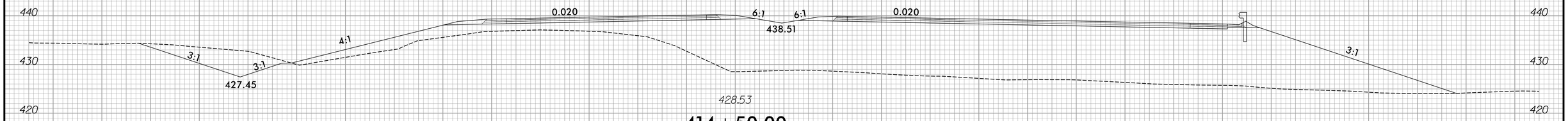
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-51



415 + 50.00



415 + 00.00

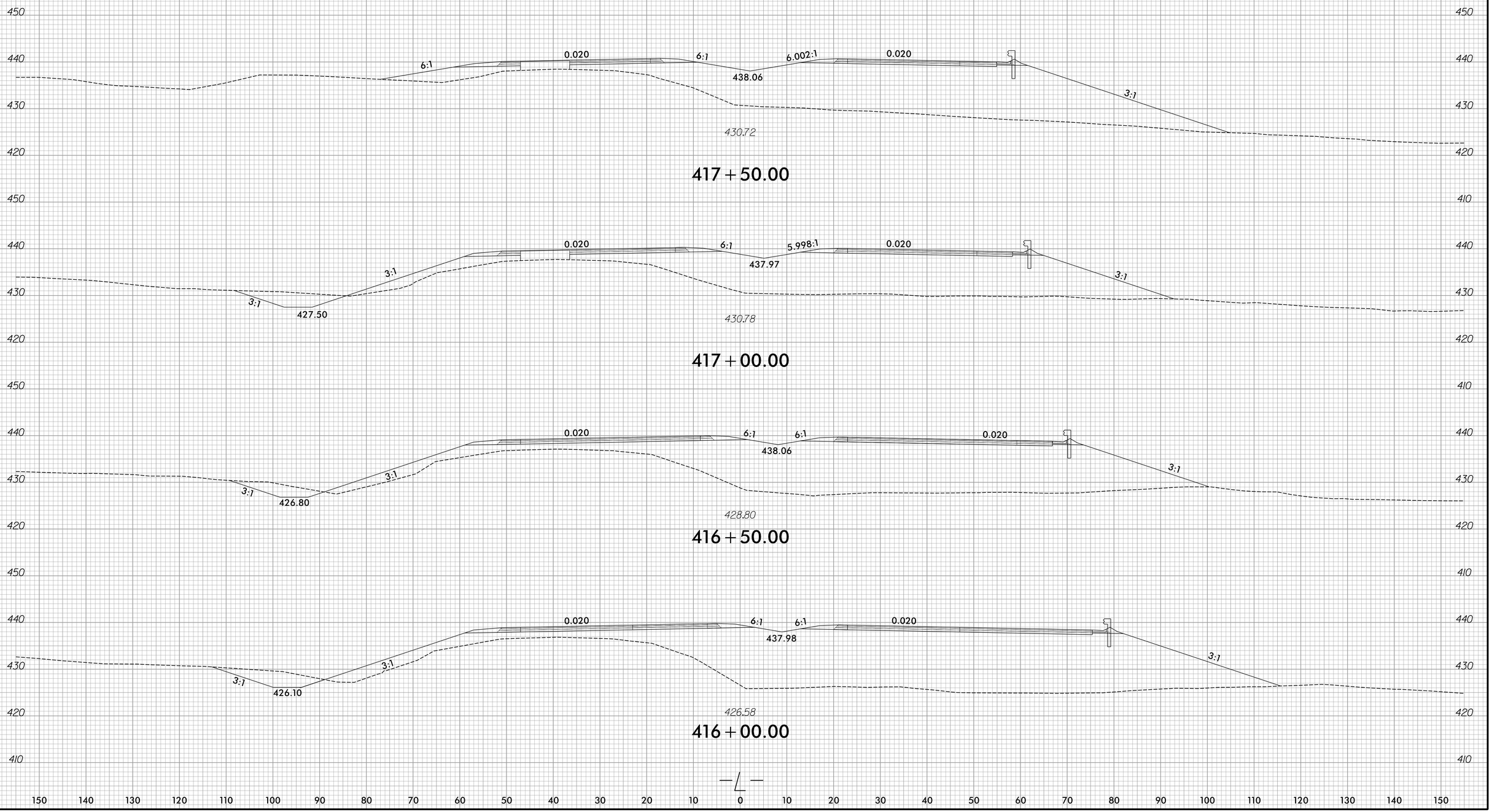


414 + 50.00

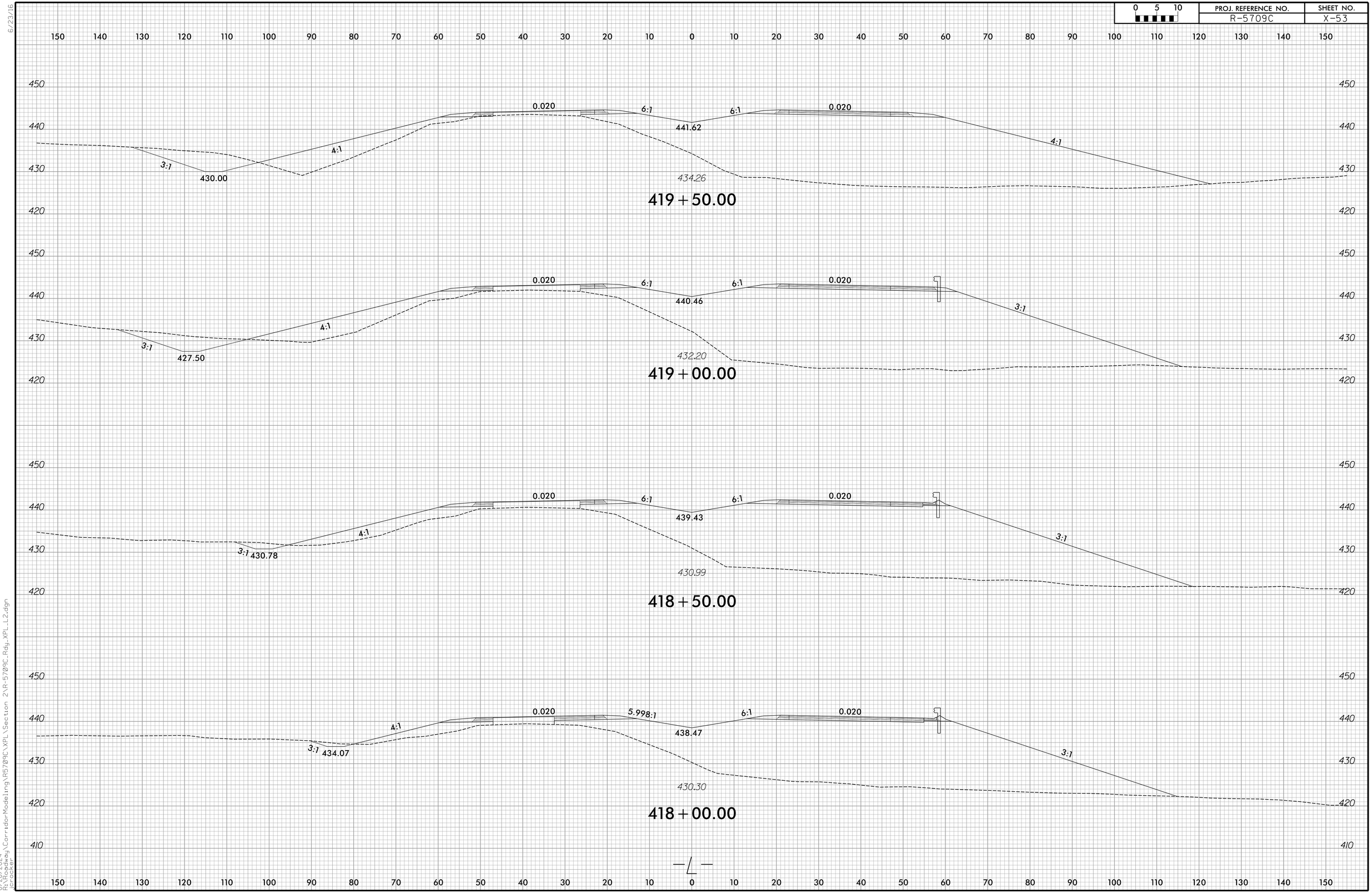
414 + 00.00

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-52

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



0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-53



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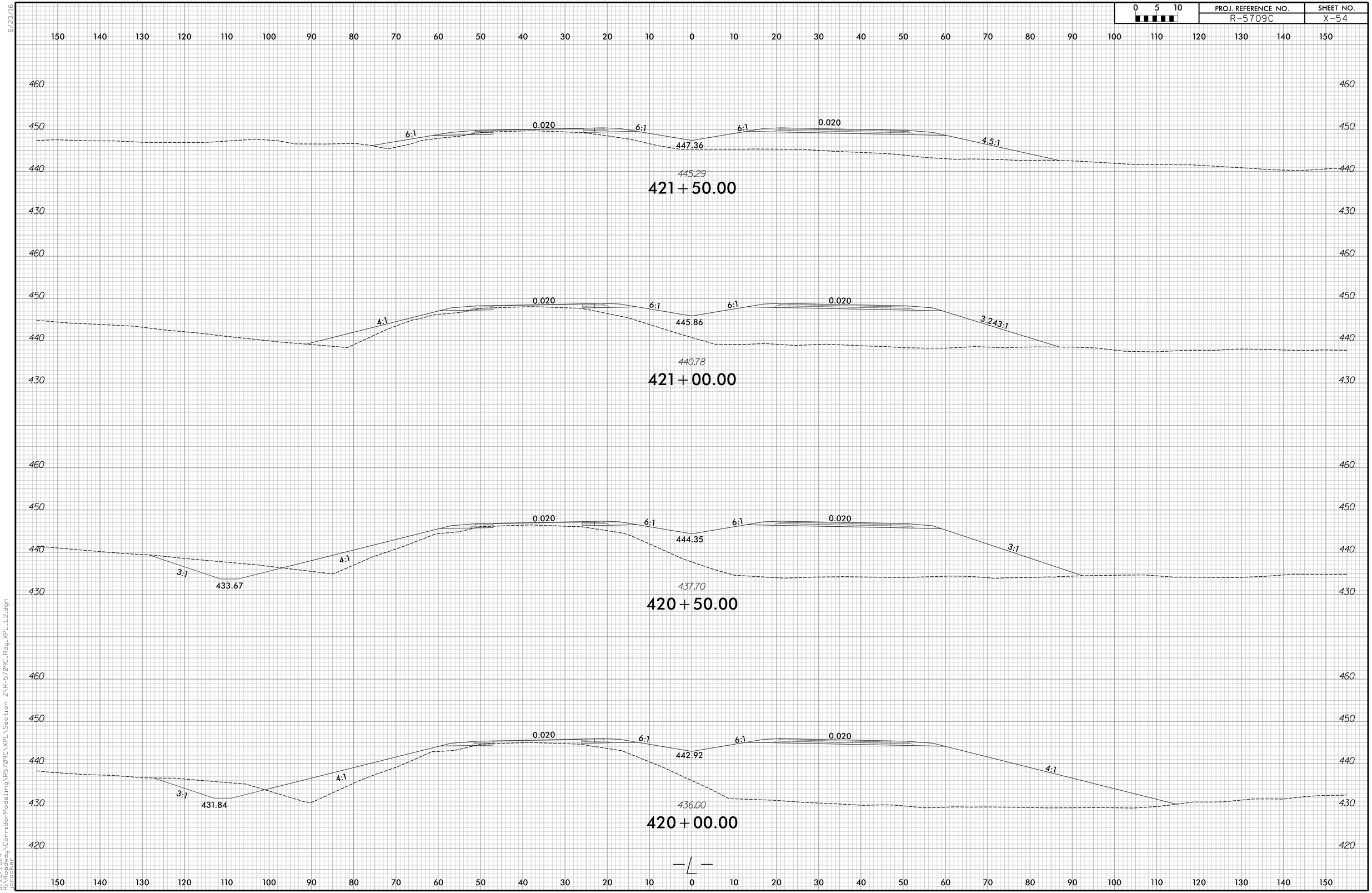
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-54



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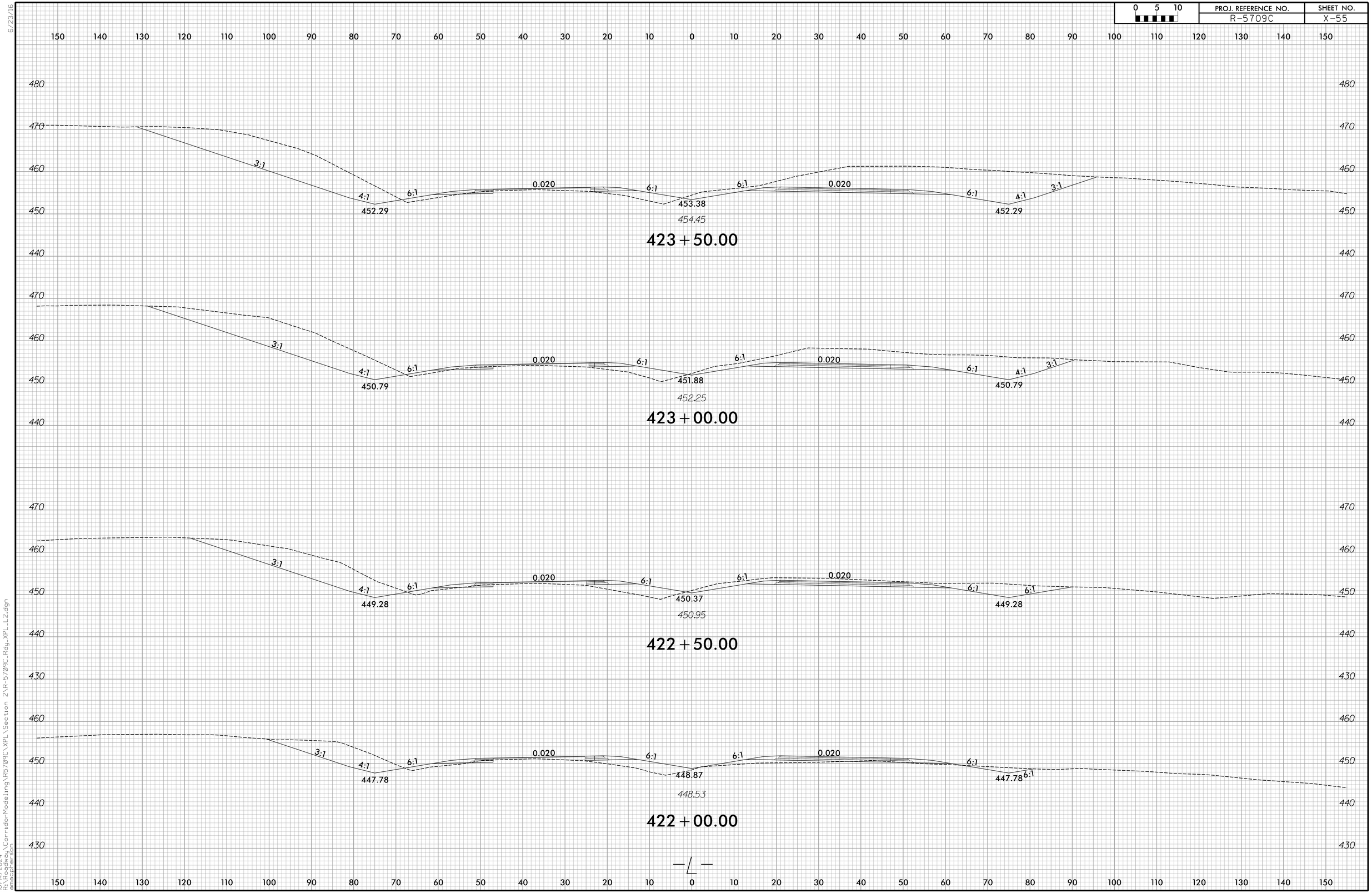
8/28/2024
R:\Roadway\CorridorModeling\R5709C\XPL\Section 2\R-5709C_Rdy_XPL_L2.dgn
jcrocker

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-55



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gmacpherson

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-56

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

490 480 470 460 450 440

SHEAR LINE @ -L- /-Y11E- INTERSECTION

0.020 6:1 6:1 0.020

457.89

457.20

SHEAR LINE @ -L- /-Y11C- INTERSECTION

425+00.00

490 480 470 460 450 440

SHEAR LINE @ -L- /-Y11E- INTERSECTION

0.020 6:1 6:1 0.020 6:1 4:1 3:1

456.39 455.30

457.68

424+50.00

480 470 460 450 440

3:1 4:1 7:1 0.020 6:1 6:1 0.020 6:1 4:1 3:1

453.80 454.88 453.80

456.03

424+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

10/14/2024
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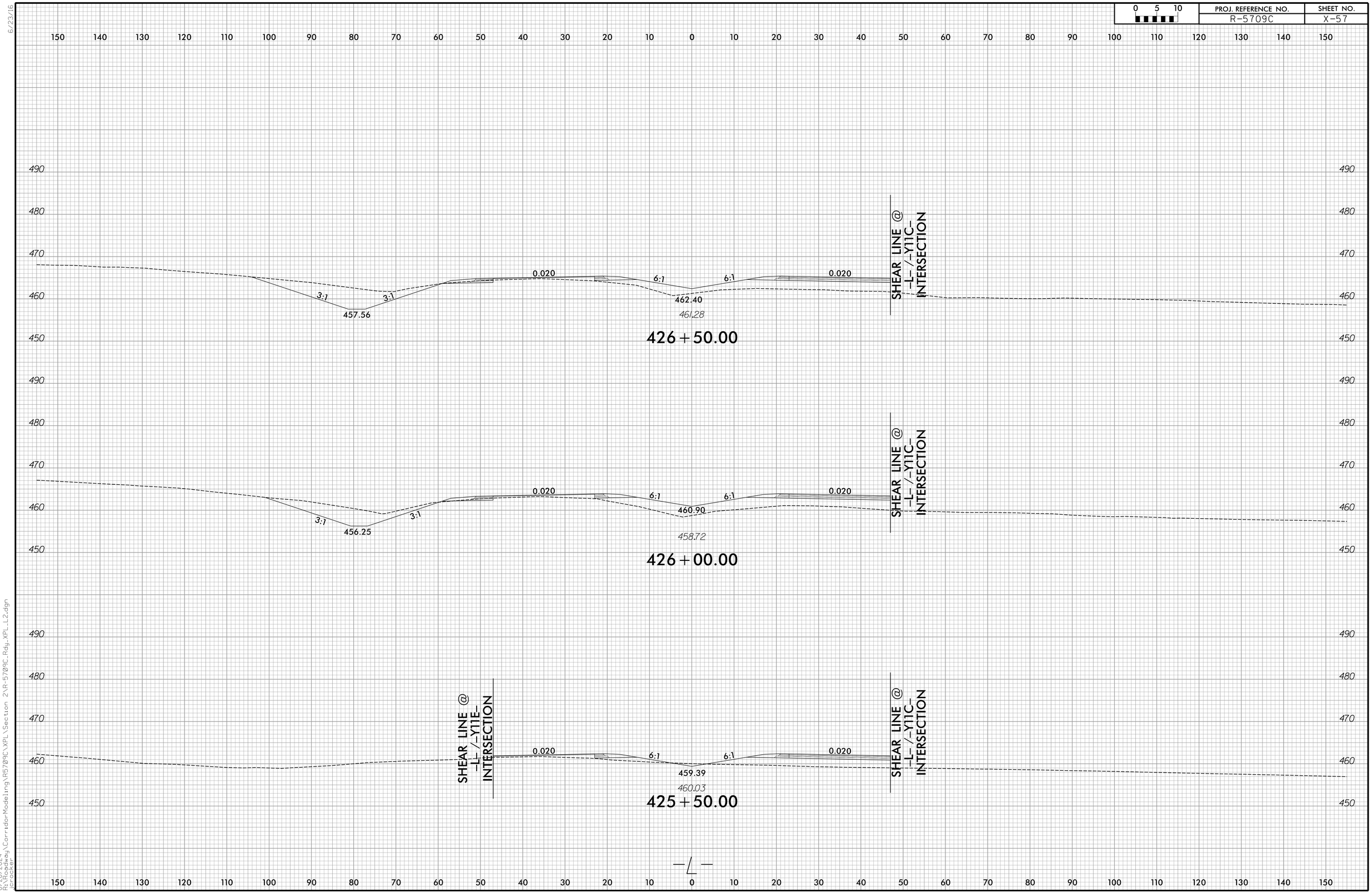
amacpherson



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8/28/2024
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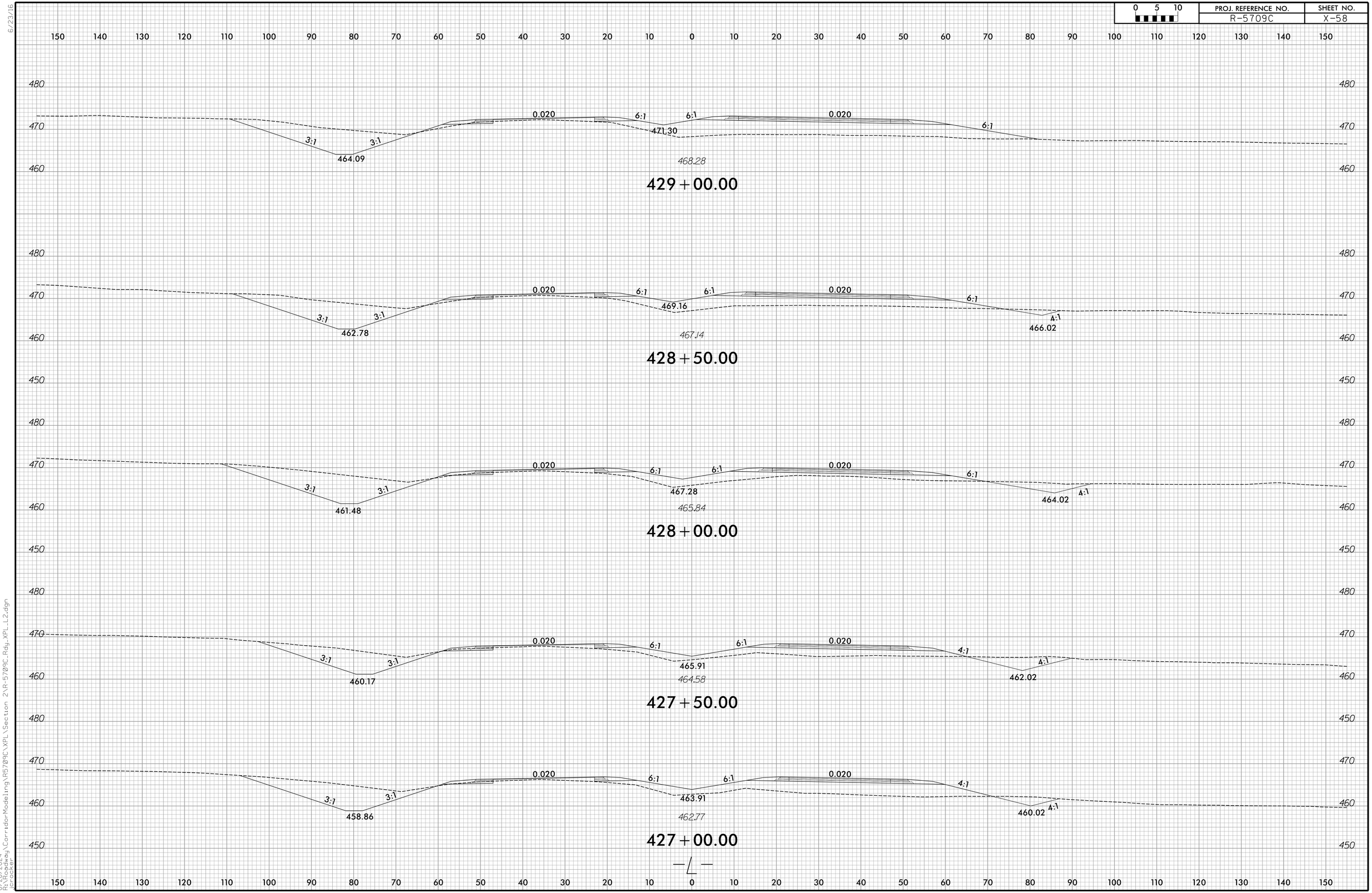
jcrocker

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-58



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R:\Roadway\CorridorModeling\R5709C\XPL\Section 2\R-5709C_Rdy_XPL_L2.dgn
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-59

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

490 480 470 460

0.012 6.001:1 6.001:1 0.020

3:1 3:1 3:1

469.31 477.21

472.03

431+00.00

490 480 470 460

0.020 6:1 6:1 0.020

3:1 3:1 3:1

468.01 475.65

470.77

430+50.00

490 480 470 460

0.020 6:1 6:1 0.020

3:1 3:1 3:1

466.70 474.07

470.15

430+00.00

490 480 470 460

0.020 6:1 6:1 0.020

3:1 3:1 3:1

465.39 472.55

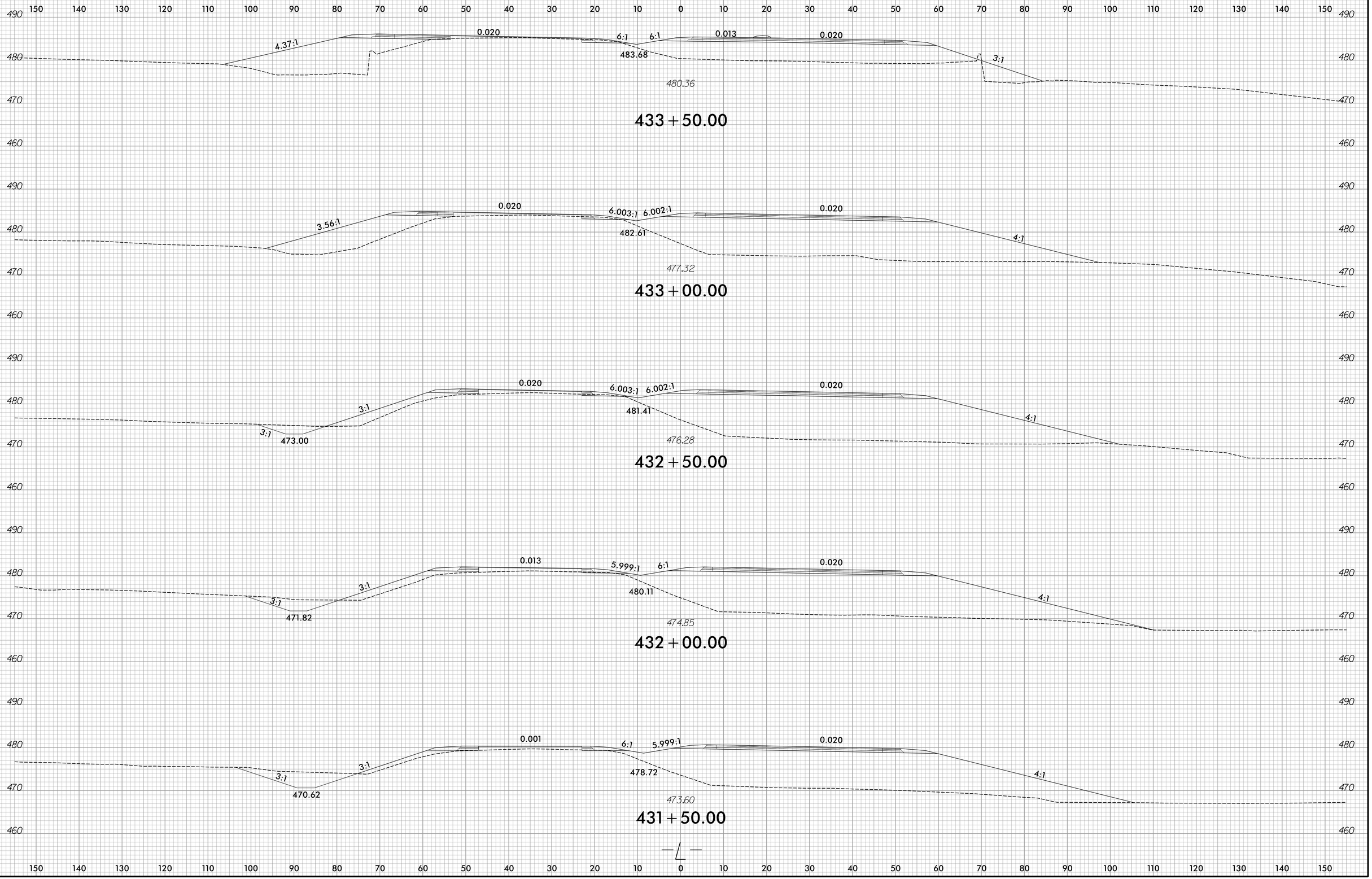
469.26

429+50.00

—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

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-60



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8/28/2024
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jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-61

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

510 500 490 480 470 460

SHEAR LINE @ -L- /-Y12- INTERSECTION

0.020 0.000 0.020 3:1

480.81

435+00.00

SHEAR LINE @ -L- /-Y12- INTERSECTION

0.020 0.000 0.020 3:1

480.74

434+50.00

6:1 6:1 6:1 0.020 0.000 0.020 4:1

484.87

481.09

434+00.00

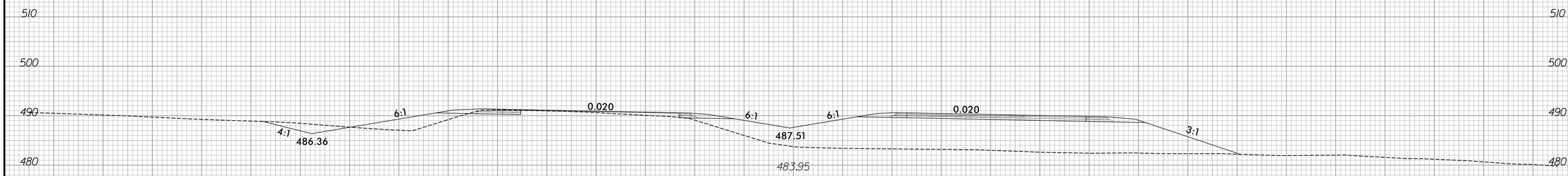
-L-

6/23/16

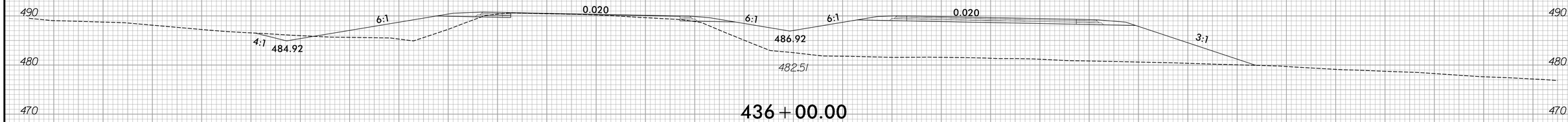
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-62

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

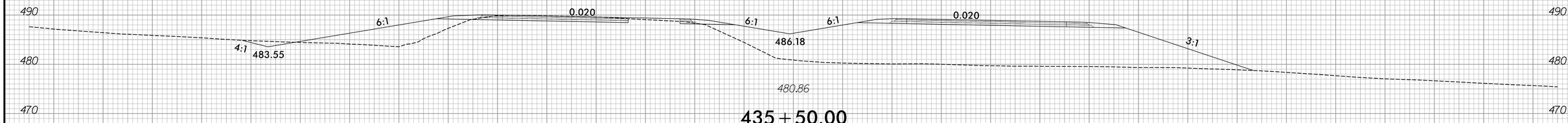
510 500 490 480 470



436+50.00



436+00.00



435+50.00

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510 500 490 480 470 460

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

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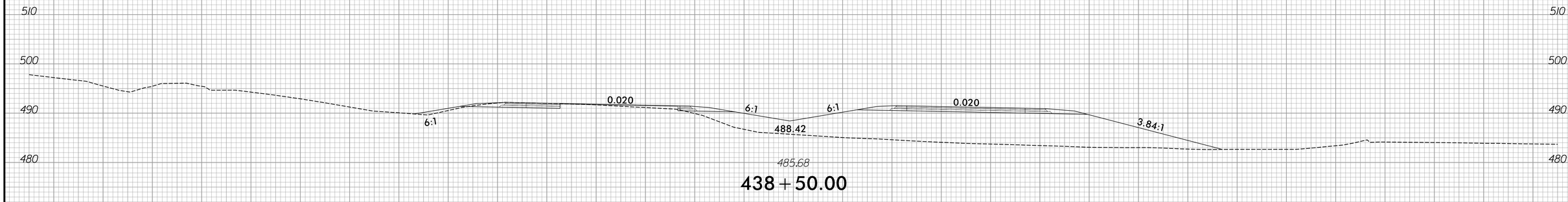
jcrocker

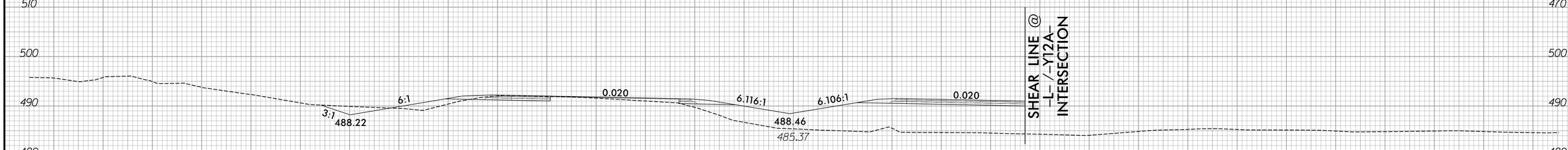
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-63

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

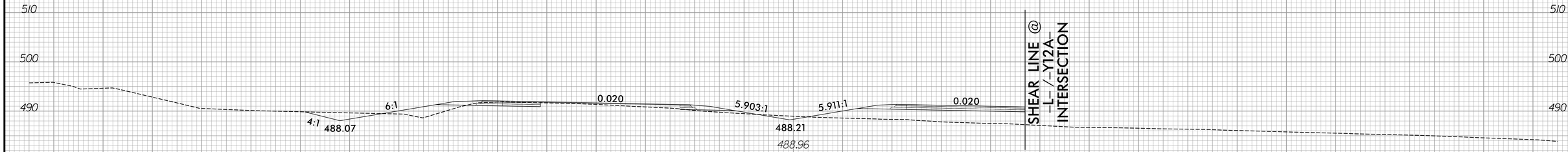
510 500 490 480 470 520



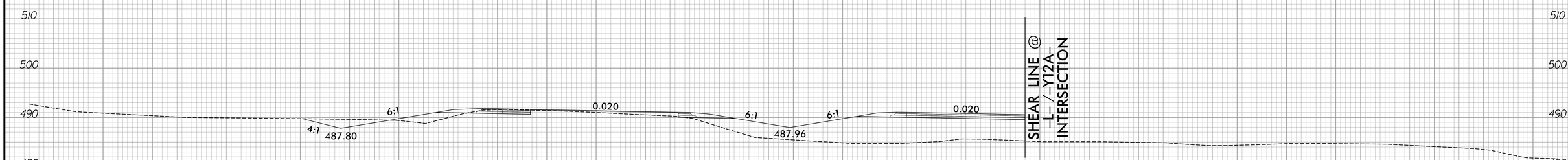
438+50.00



438+00.00



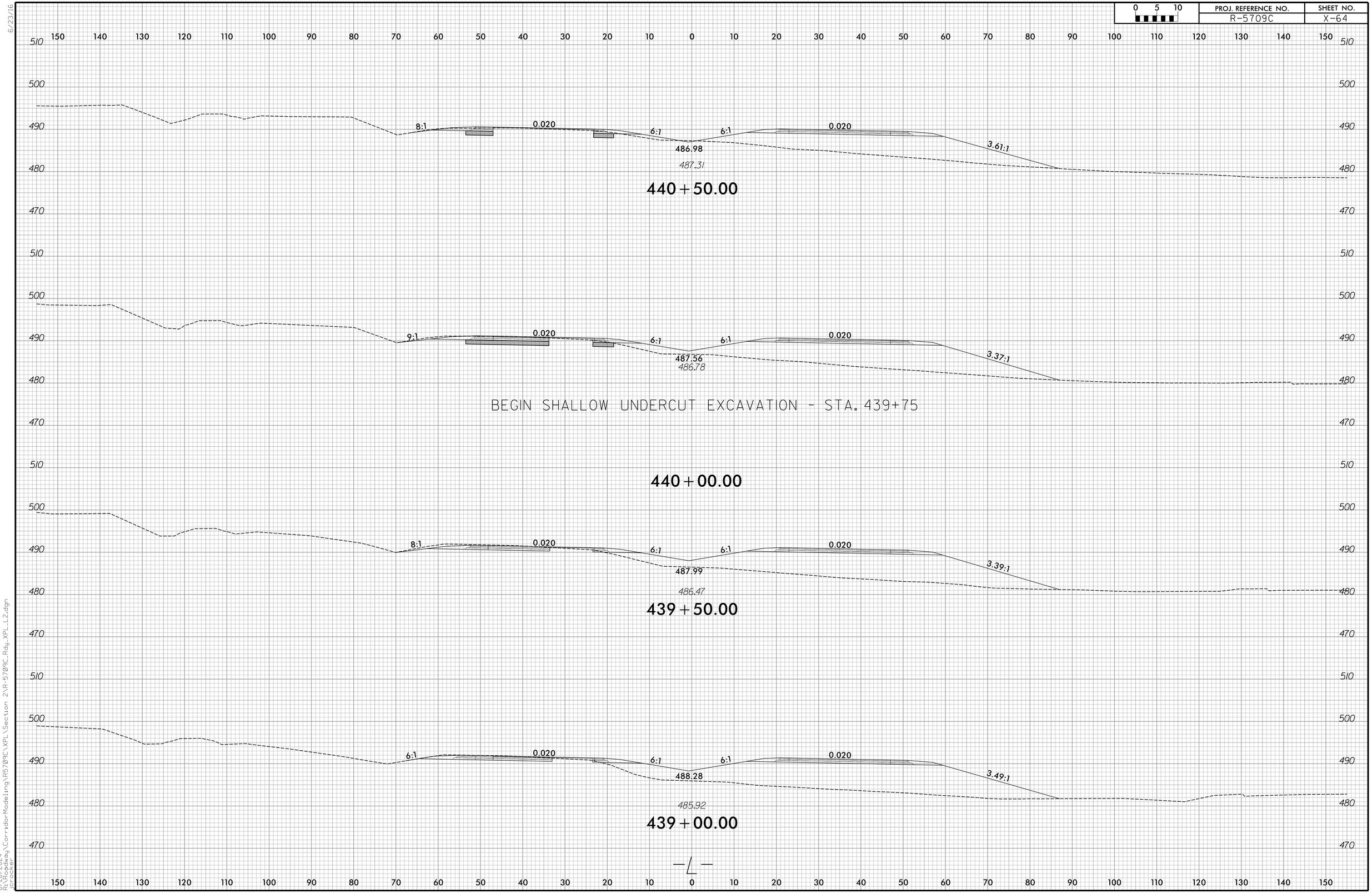
437+50.00



437+00.00

—L—

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-64



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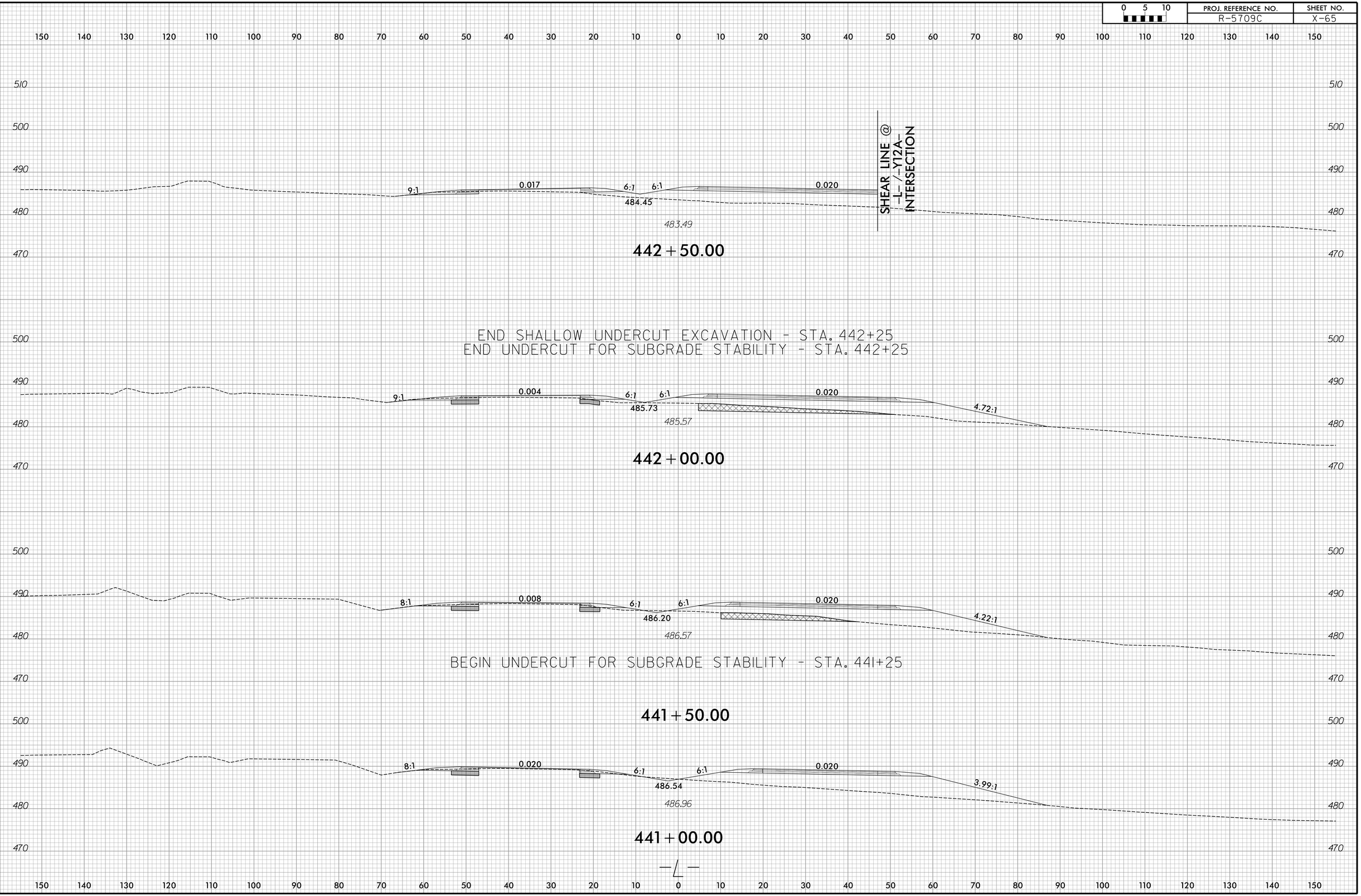
jcrocker



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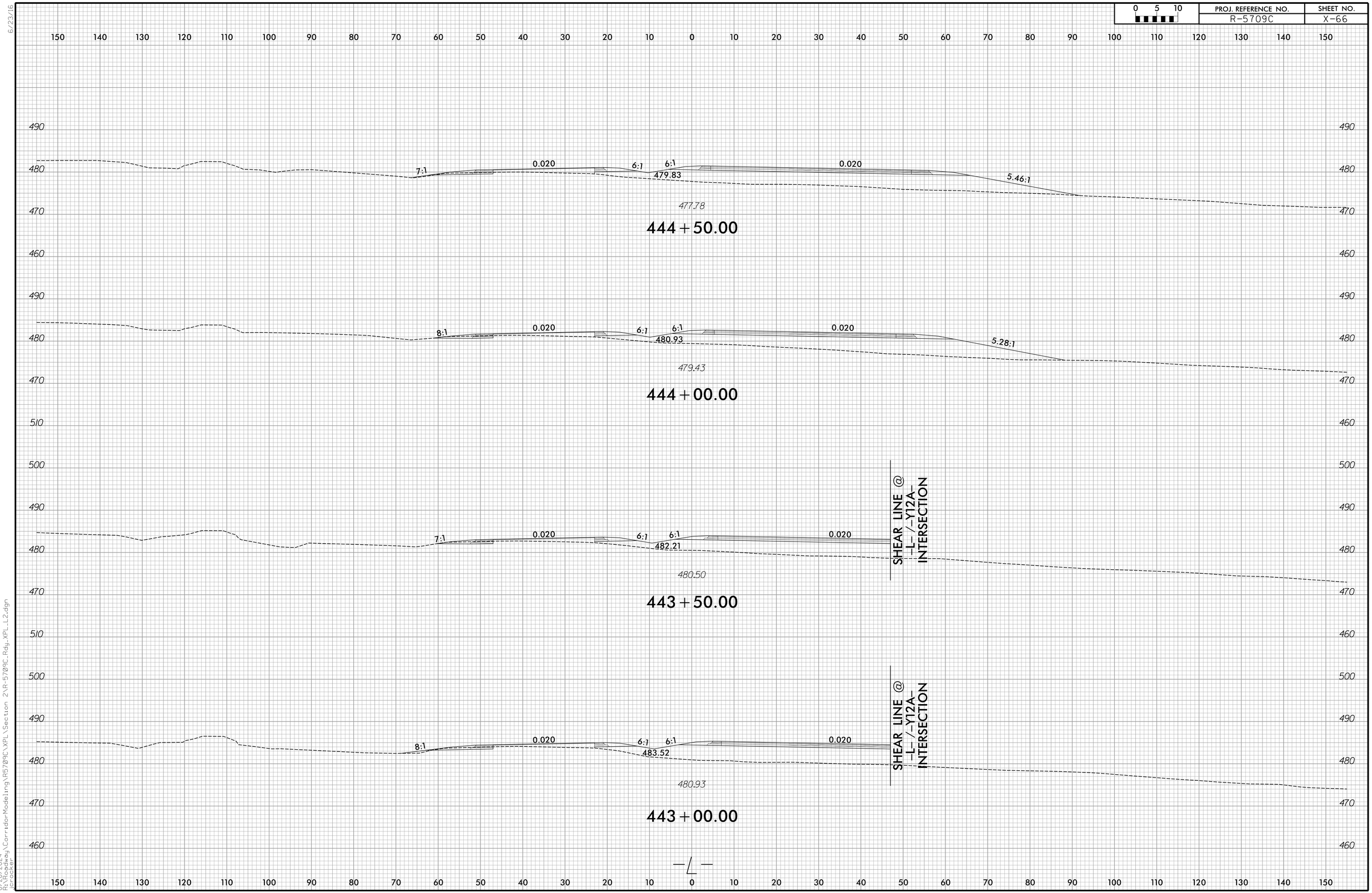
jcrocker



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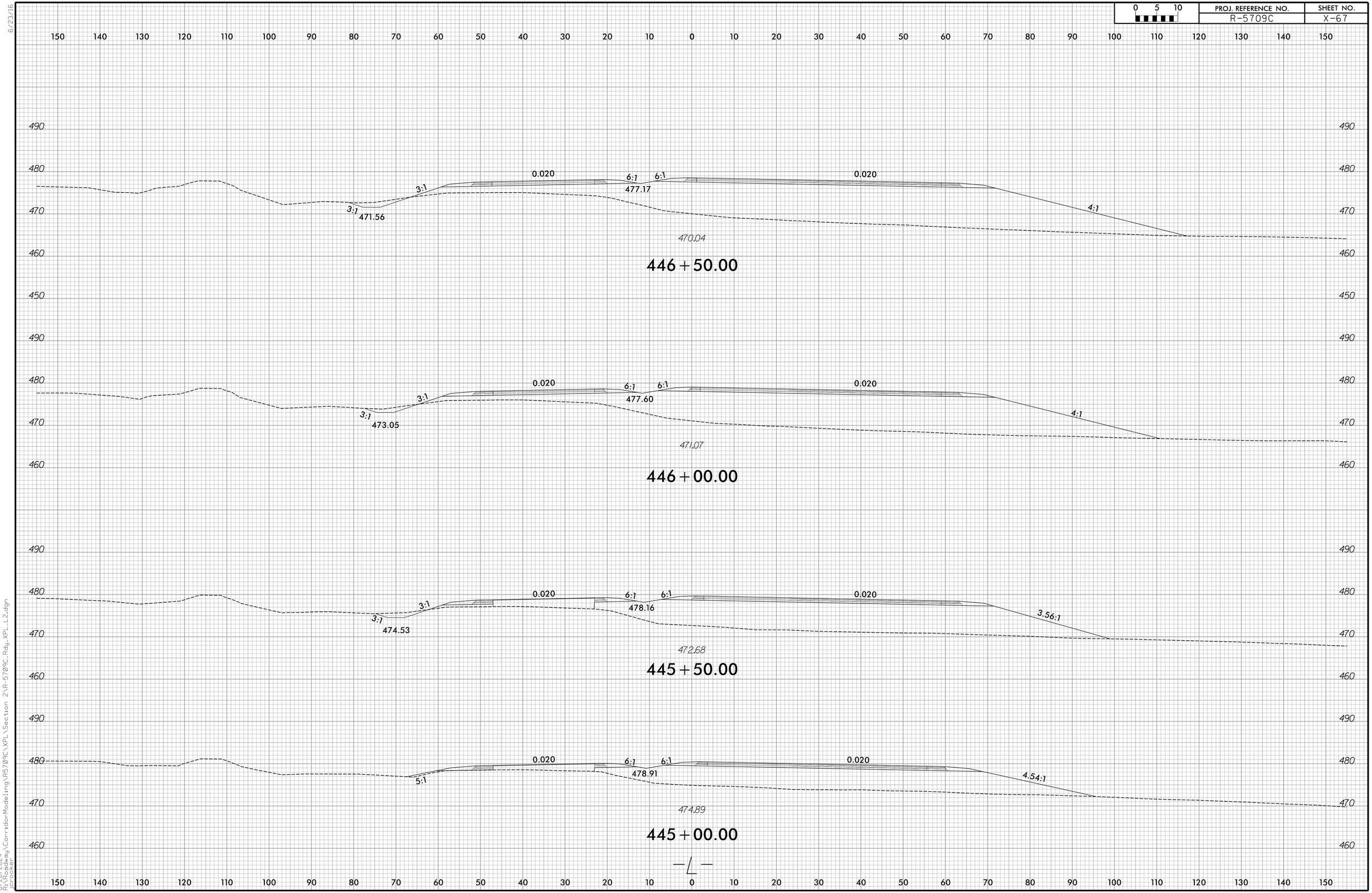
8/28/2024
R:\Roadway\CorridorModeling\R5709C\XPL\Section 2\R-5709C_Rdy_XPL_L2.dgn
jcrocker



6/23/16
8/28/2024
R:\Roadway\CorridorModeling\R5709C\XPL\Section 2\R-5709C_Rdy_XPL_L2.dgn
jcrocker

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-68

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

500
490
480
470
460
450

SHEAR LINE @ -L- /-Y13- INTERSECTION

0.020

0.020

SHEAR LINE @ -L- /-Y14- INTERSECTION

471.27

448+00.00

500
490
480
470
460
450

SHEAR LINE @ -L- /-Y13- INTERSECTION

0.020

0.020

SHEAR LINE @ -L- /-Y14- INTERSECTION

468.67

447+50.00

500
490
480
470
460
450

3:1

3:1

470.07

0.020

6:1

6:1

476.87

0.020

SHEAR LINE @ -L- /-Y14- INTERSECTION

468.82

447+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

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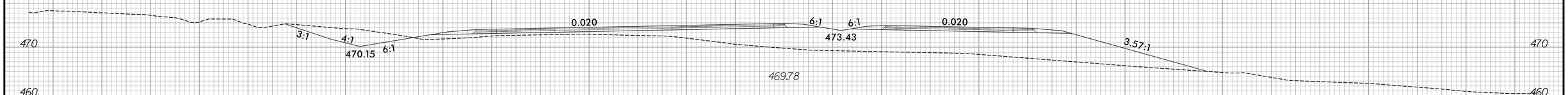
R:\Roadway\CorridorModeling\R5709C\XPL\Section 2\R-5709C_Rdy_XPL_L2.dgn
jcrocker

6/23/16

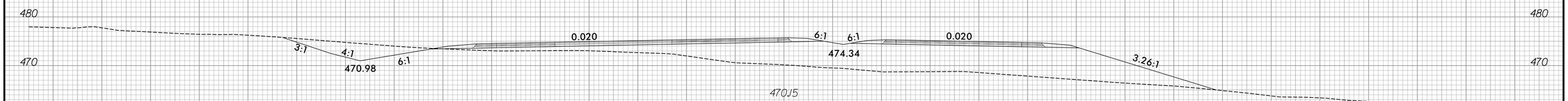
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-69

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

490
480
470
460
450

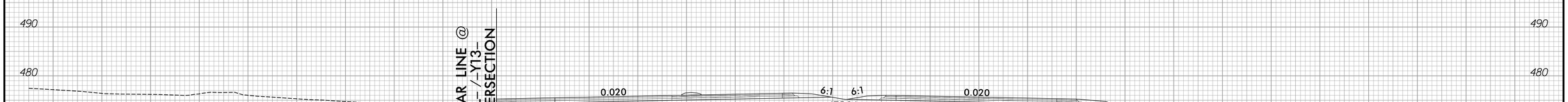


449+50.00



449+00.00

SHEAR LINE @
-L- /-Y13-
INTERSECTION



448+50.00

-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

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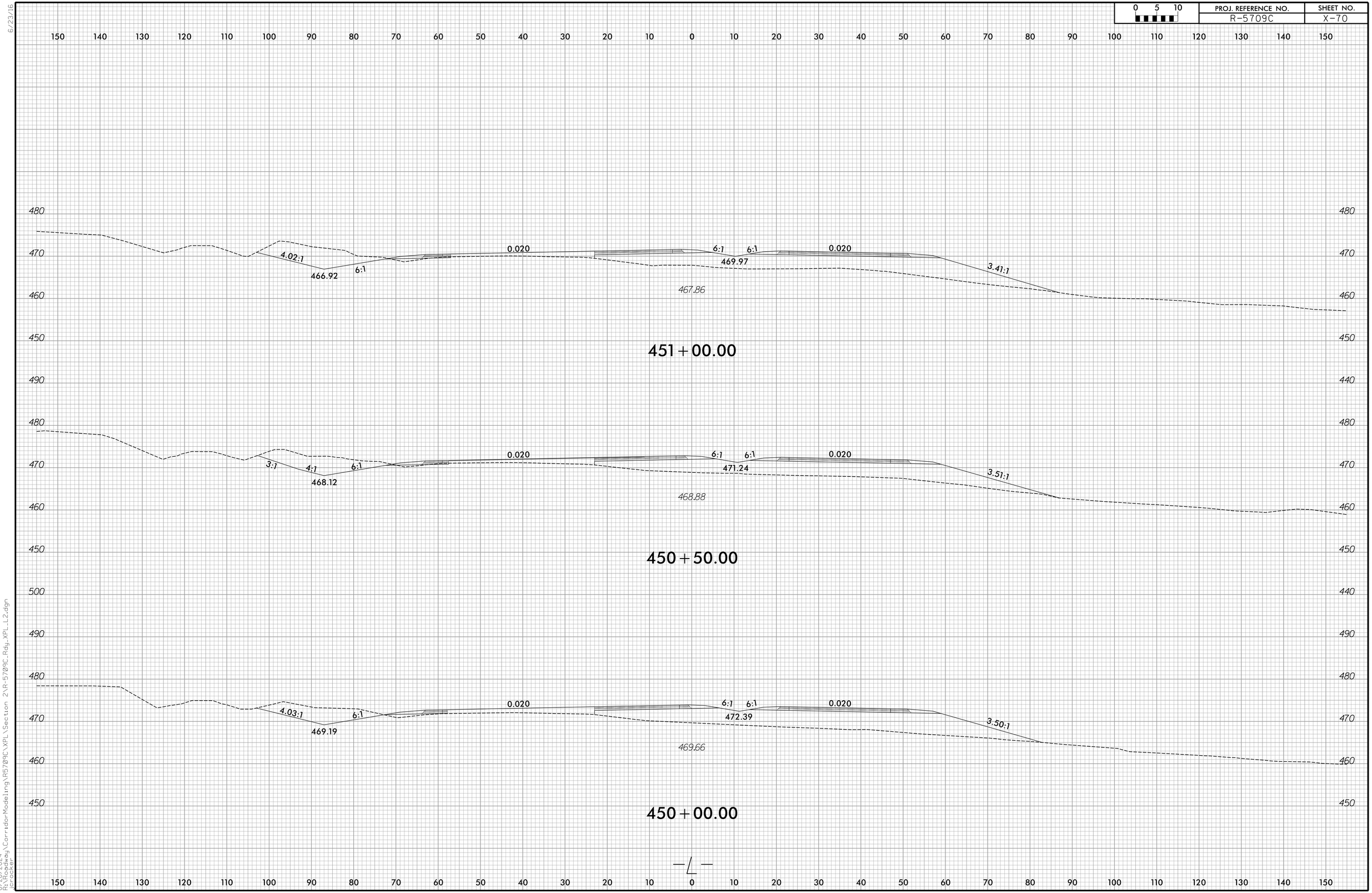
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-70



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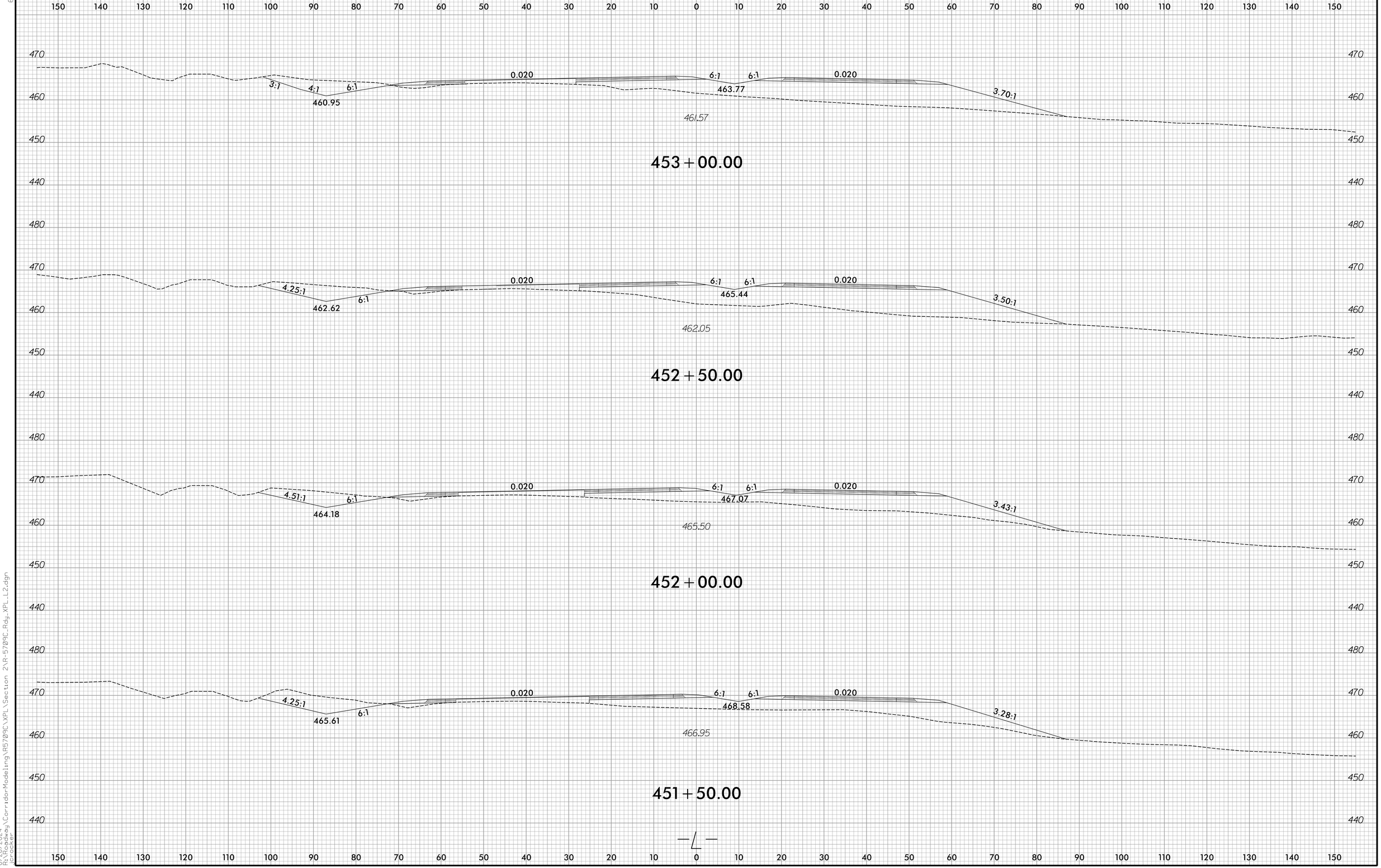
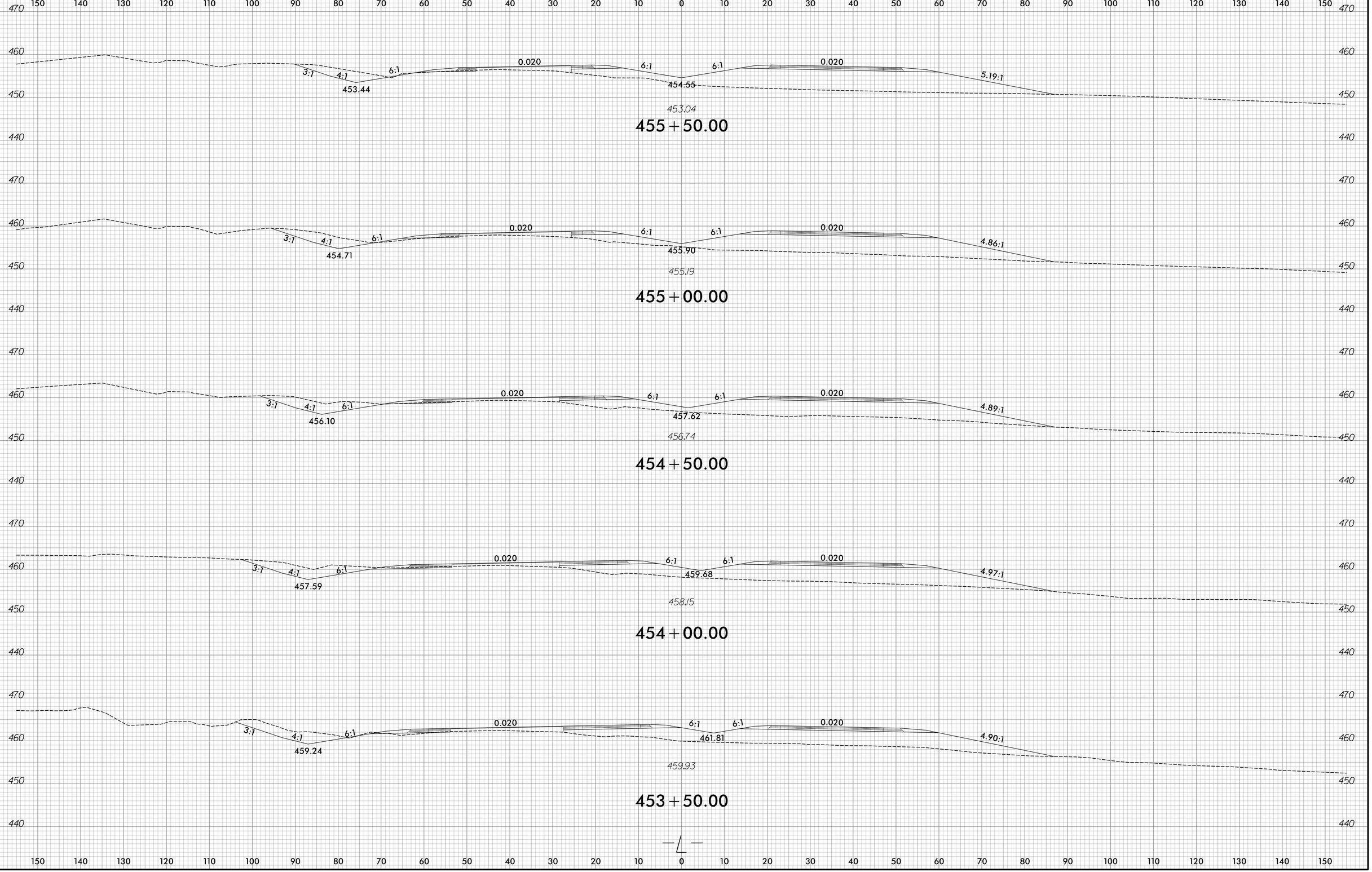
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-71



0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-72



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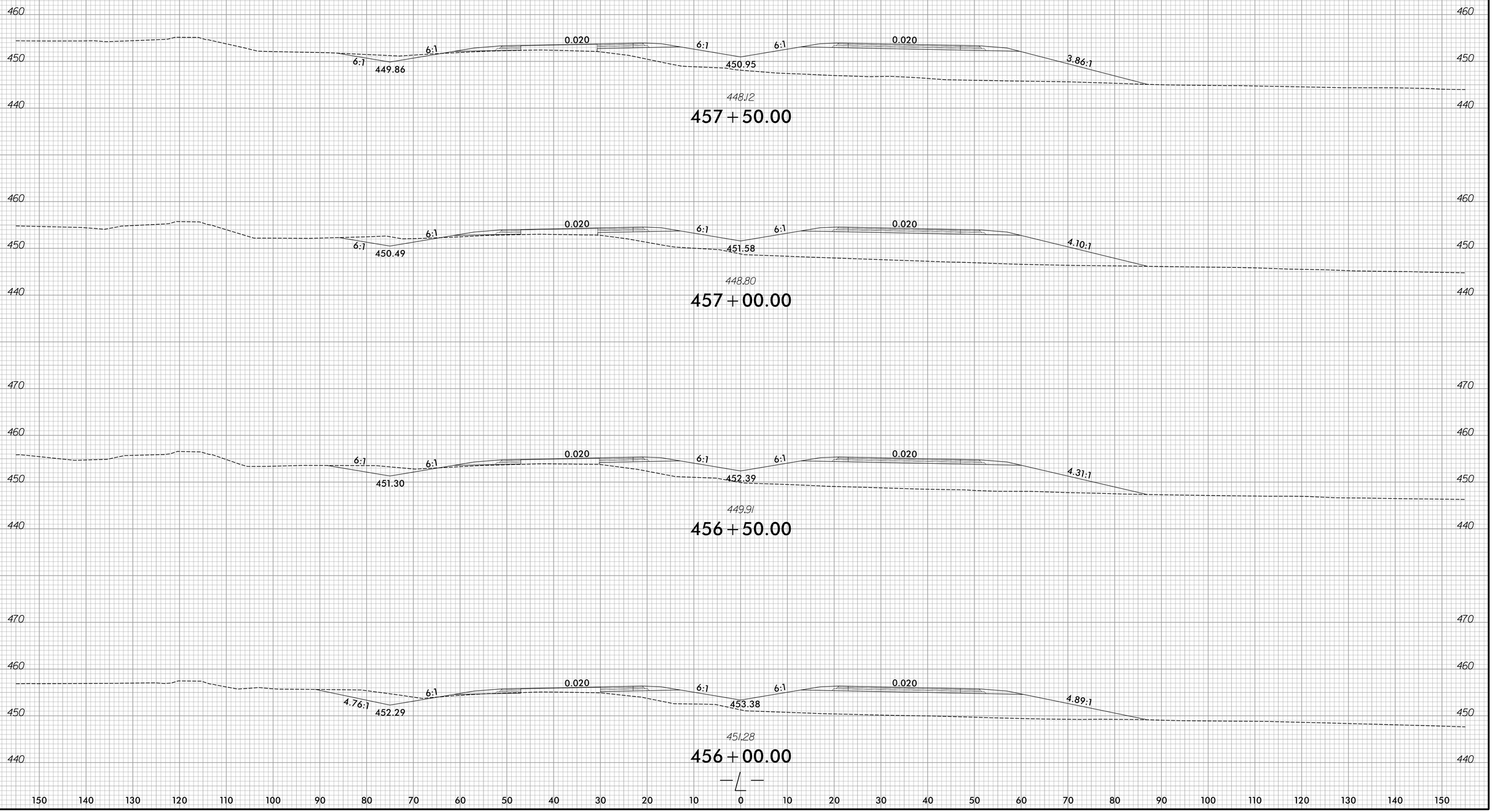
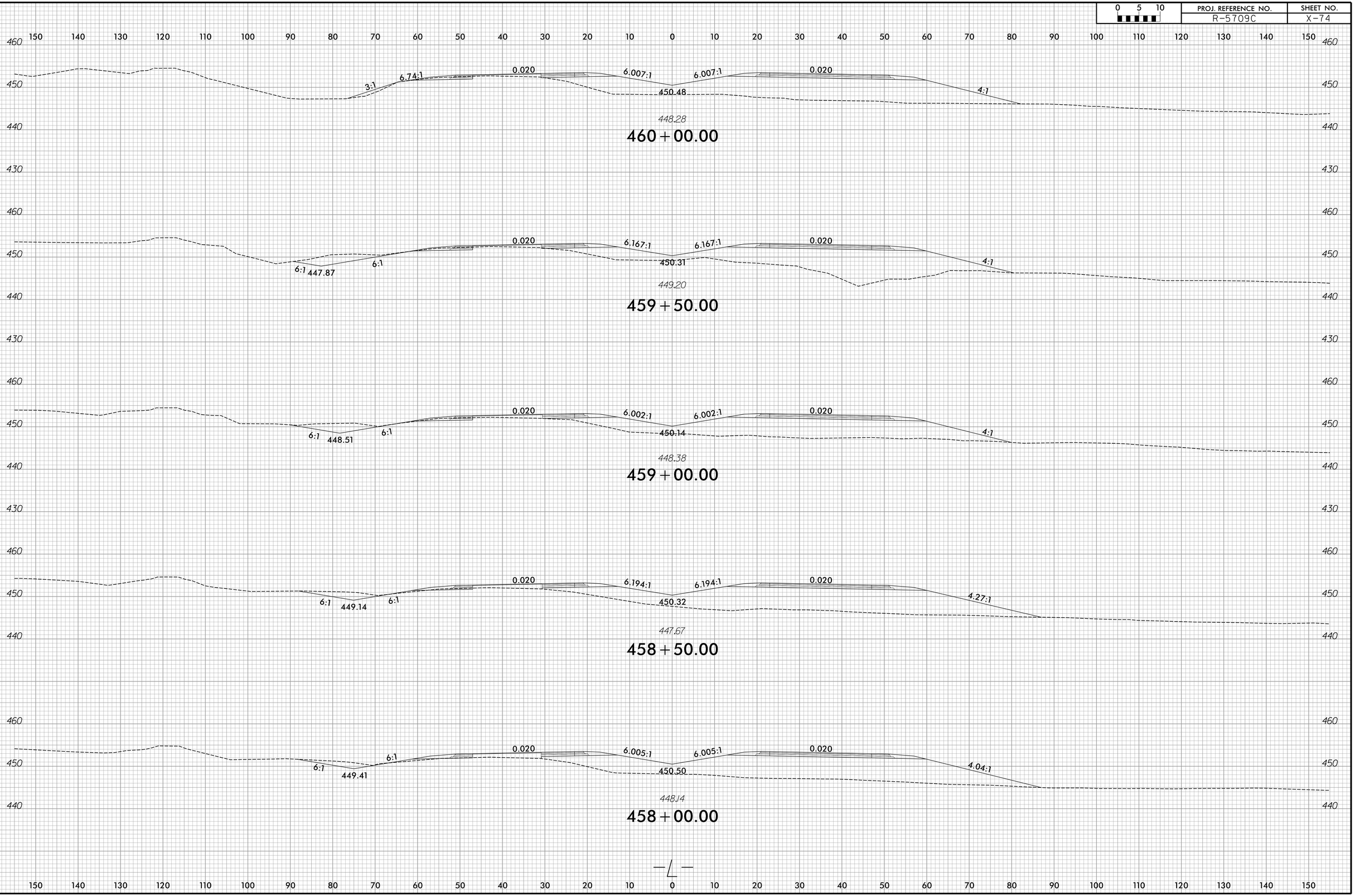
	R-5709C	X-73



0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-74



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jcrocker

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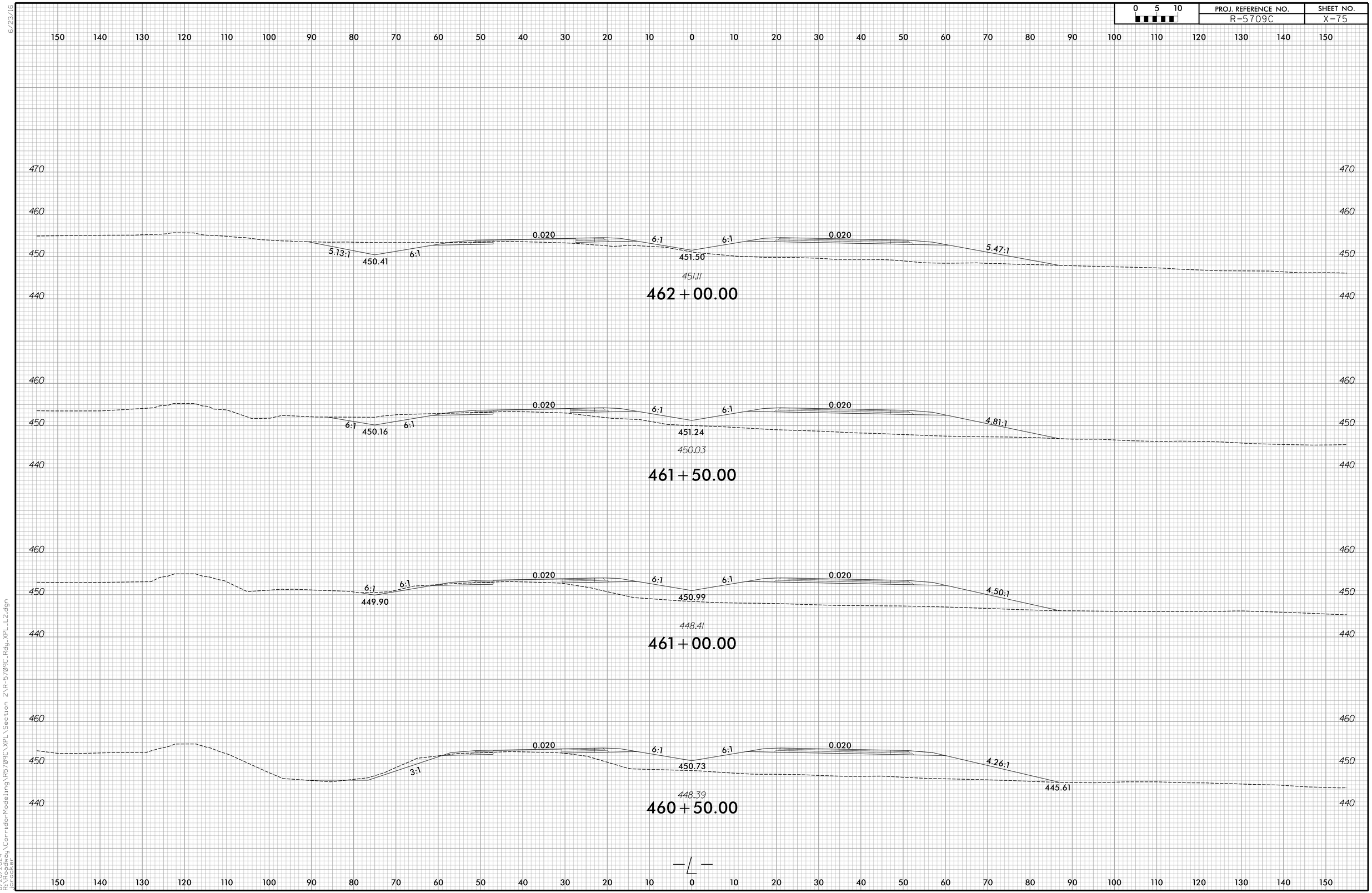
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-75



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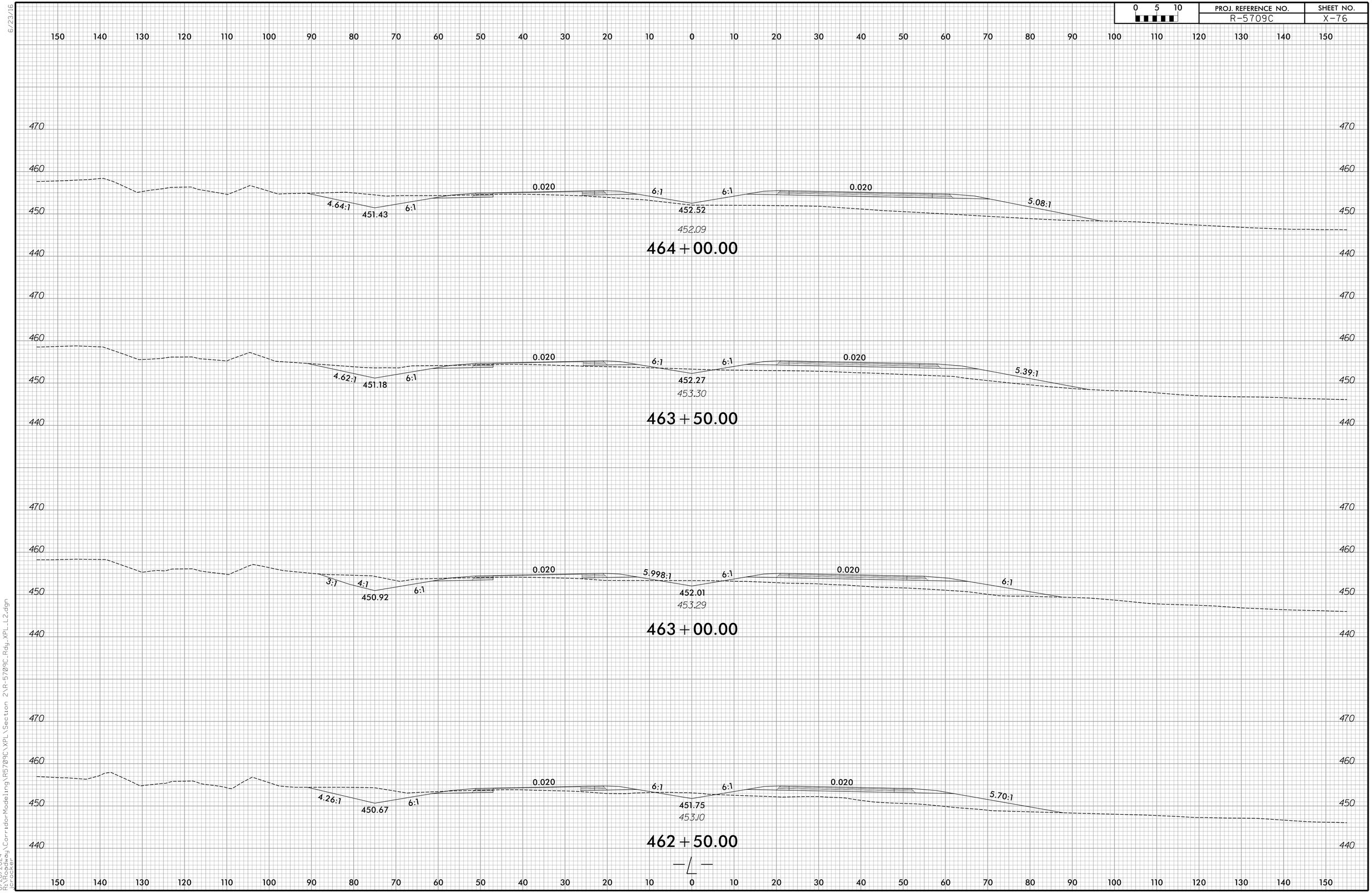
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-76



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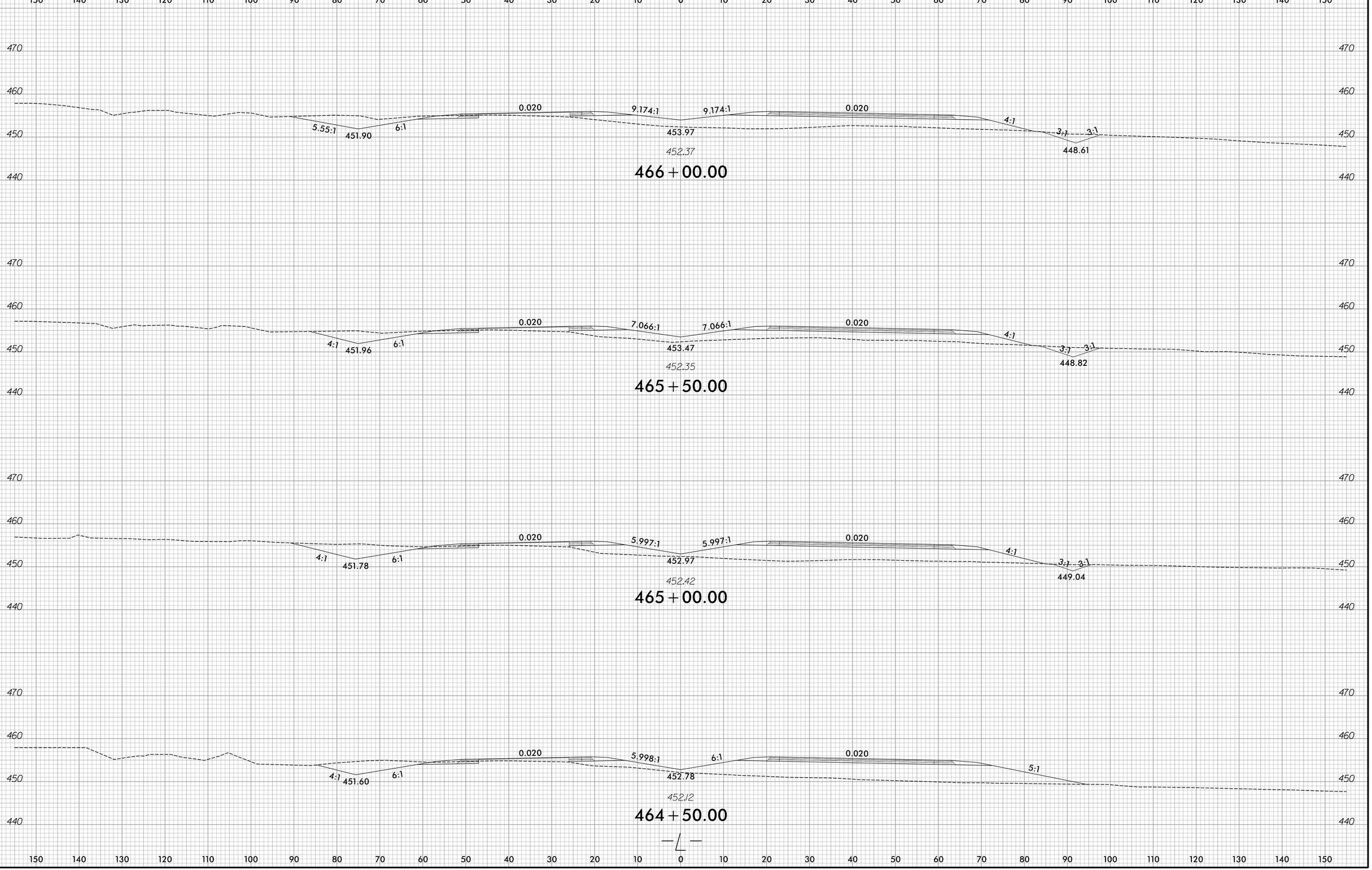
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-77



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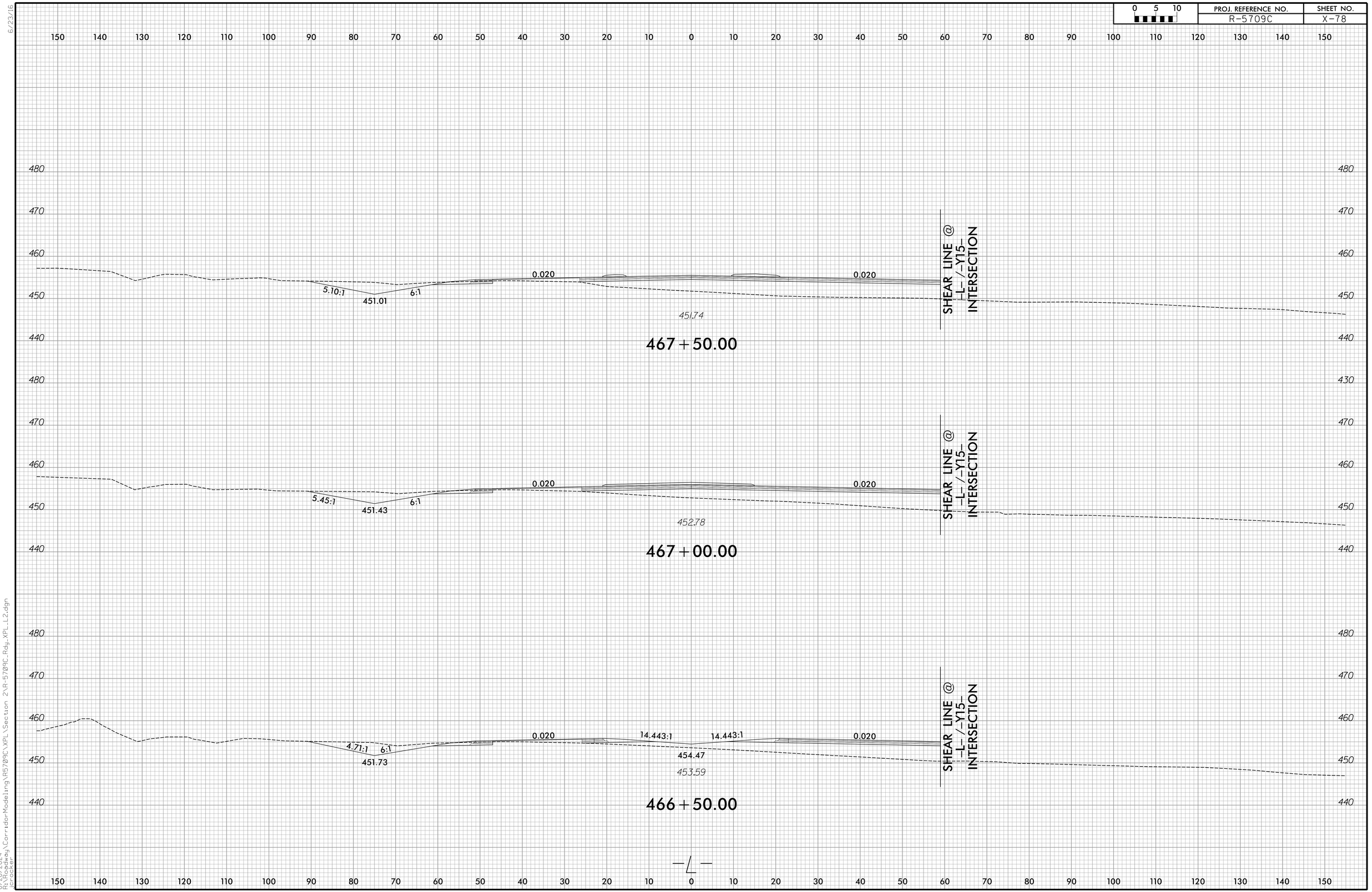
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-78



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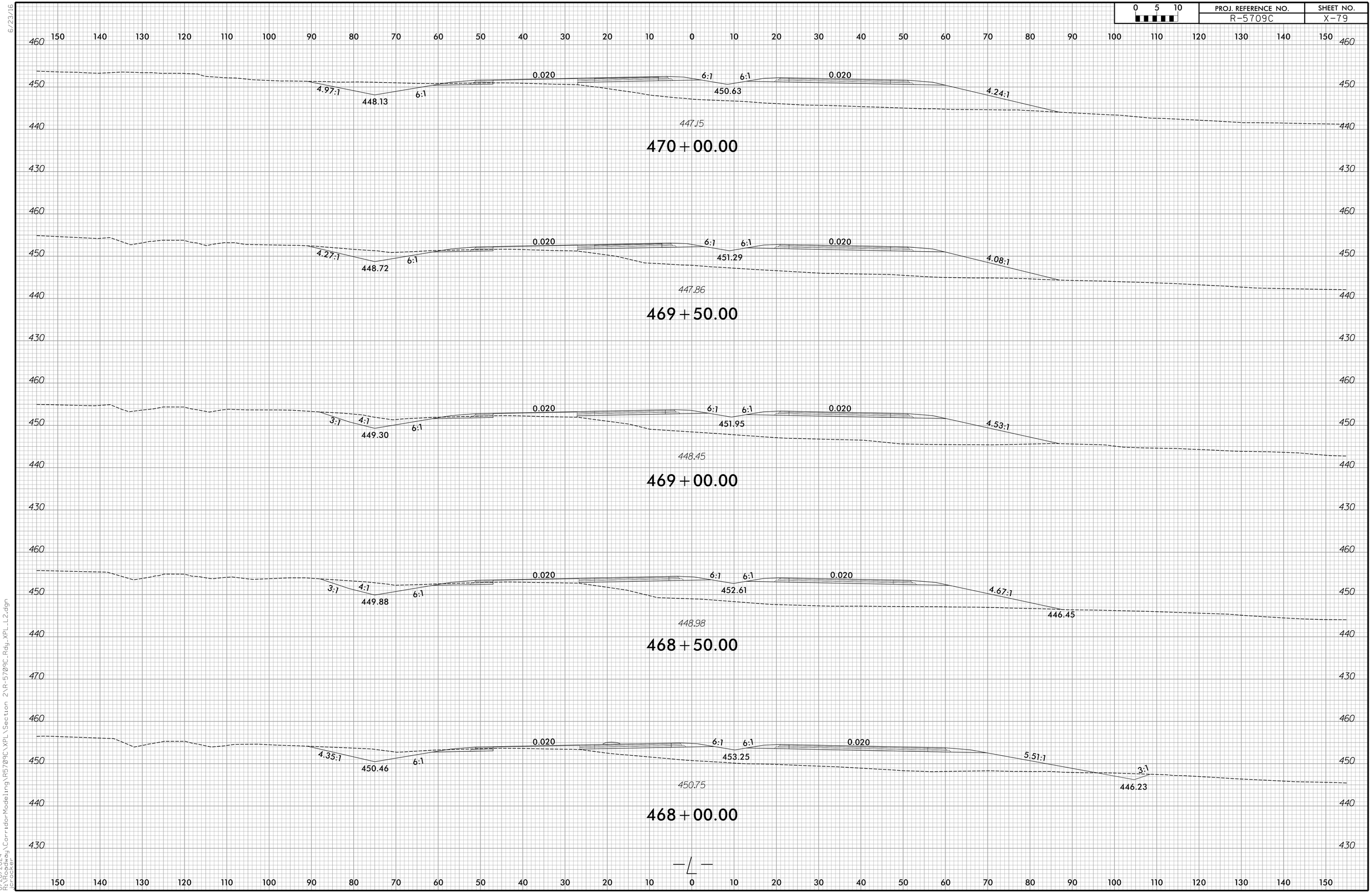
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-79



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jcrocker

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-80

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

460 450 440 430

6:1 445.81 6:1 0.020 6:1 6:1 448.01 0.020 4.24:1 3:1 3:1 439.26

445.29

472+00.00

460 450 440 430

4:1 5:1 444.31 0.020 6:1 6:1 448.65 0.020 3.50:1 3:1 3:1 439.11

444.72

471+50.00

460 450 440 430

4:1 5:1 446.97 0.020 6:1 6:1 449.31 0.020 3.54:1

445.17

471+00.00

460 450 440 430

6:1 447.55 6:1 0.020 6:1 6:1 449.97 0.020 4.04:1

446.85

470+50.00

—℄—

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

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jcrocker

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-81

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

460 450 440 430

6:1 445.20 6:1 0.020 9.463:1 9.607:1 0.020 5.01:1 446.37

444.38

474+00.00

460 450 440 430

6:1 445.35 6:1 0.020 7.561:1 8.004:1 0.020 4.74:1 3:1 3:1 446.57 439.71

444.51

473+50.00

460 450 440 430

6:1 445.50 6:1 0.020 6.013:1 5.999:1 0.020 4.78:1 3:1 3:1 446.77 439.56

444.91

473+00.00

460 450 440 430

6:1 445.66 6:1 0.020 6:1 6:1 0.020 4.08:1 3:1 3:1 447.48 439.41

444.96

472+50.00

—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

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jcrocker

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-82

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

460 450 440 430

6:1 444.59 6:1 0.020 7.937:1 445.56 7.937:1 0.020 4.52:1 3:1 3:1 438.20

443.63

476+00.00

460 450 440 430

6:1 444.74 6:1 0.020 8.889:1 445.76 8.889:1 0.020 5.22:1 3:1 3:1 438.37

444.81

475+50.00

460 450 440 430

6:1 444.89 6:1 0.020 9.643:1 445.96 9.643:1 0.020 5.24:1 3:1 3:1 438.53

444.88

475+00.00

460 450 440 430

6:1 445.05 6:1 0.020 10.038:1 446.16 10.038:1 0.020 5.76:1 3:1 3:1 438.70

444.31

474+50.00

—℄—

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

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jcrocker

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-83

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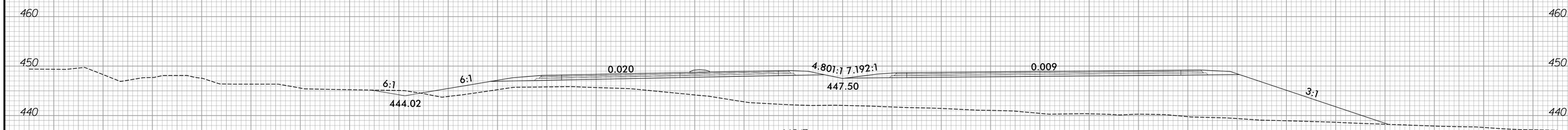
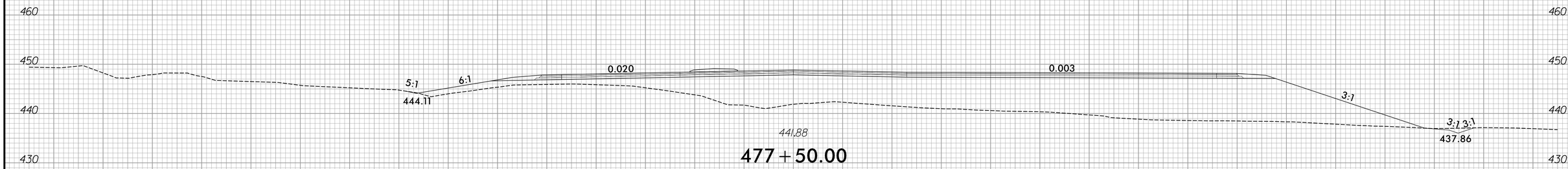
460 450 440 430



442.17

478+00.00

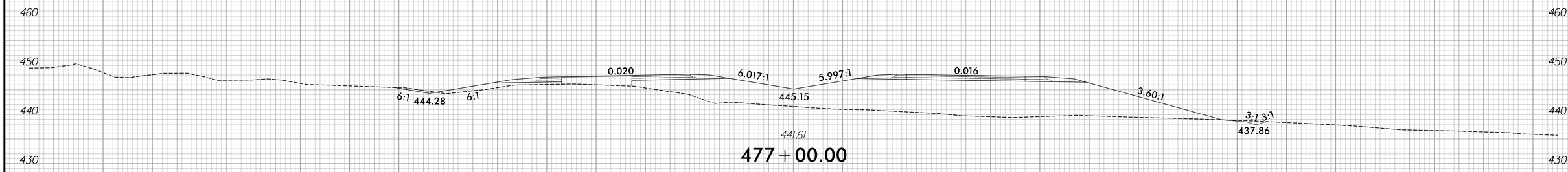
460 450 440 430



441.88

477+50.00

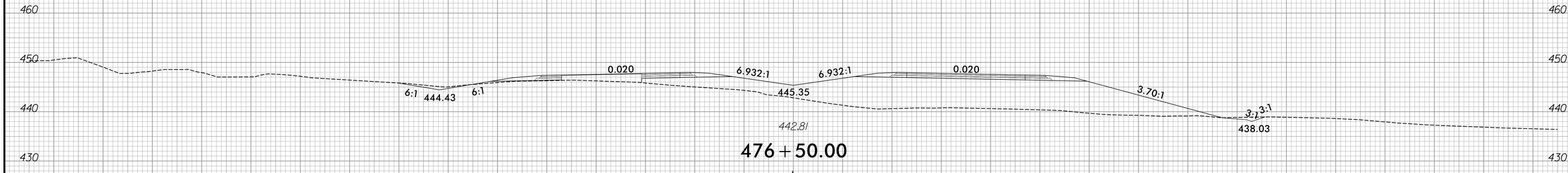
460 450 440 430



441.61

477+00.00

460 450 440 430



442.81

476+50.00

—℄—

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

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-84

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

460 450 440 430

6:1 6:1 0.030 4:1 4.653:1 0.030 3:1 3:1

444.42 446.83 437.36

442.18

480+00.00

460 450 440 430

6:1 6:1 0.030 4:1 4:1 0.030 3:1 3:1

444.64 447.00 437.03

442.73

479+50.00

460 450 440 430

6:1 6:1 0.030 4:1 4.502:1 0.030 3:1 3:1

444.70 447.17 436.70

442.72

479+00.00

460 450 440 430

6:1 6:1 0.021 4.272:1 6.490:1 0.022 3:1

444.36 447.33

441.30

478+50.00

460 450 440 430

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

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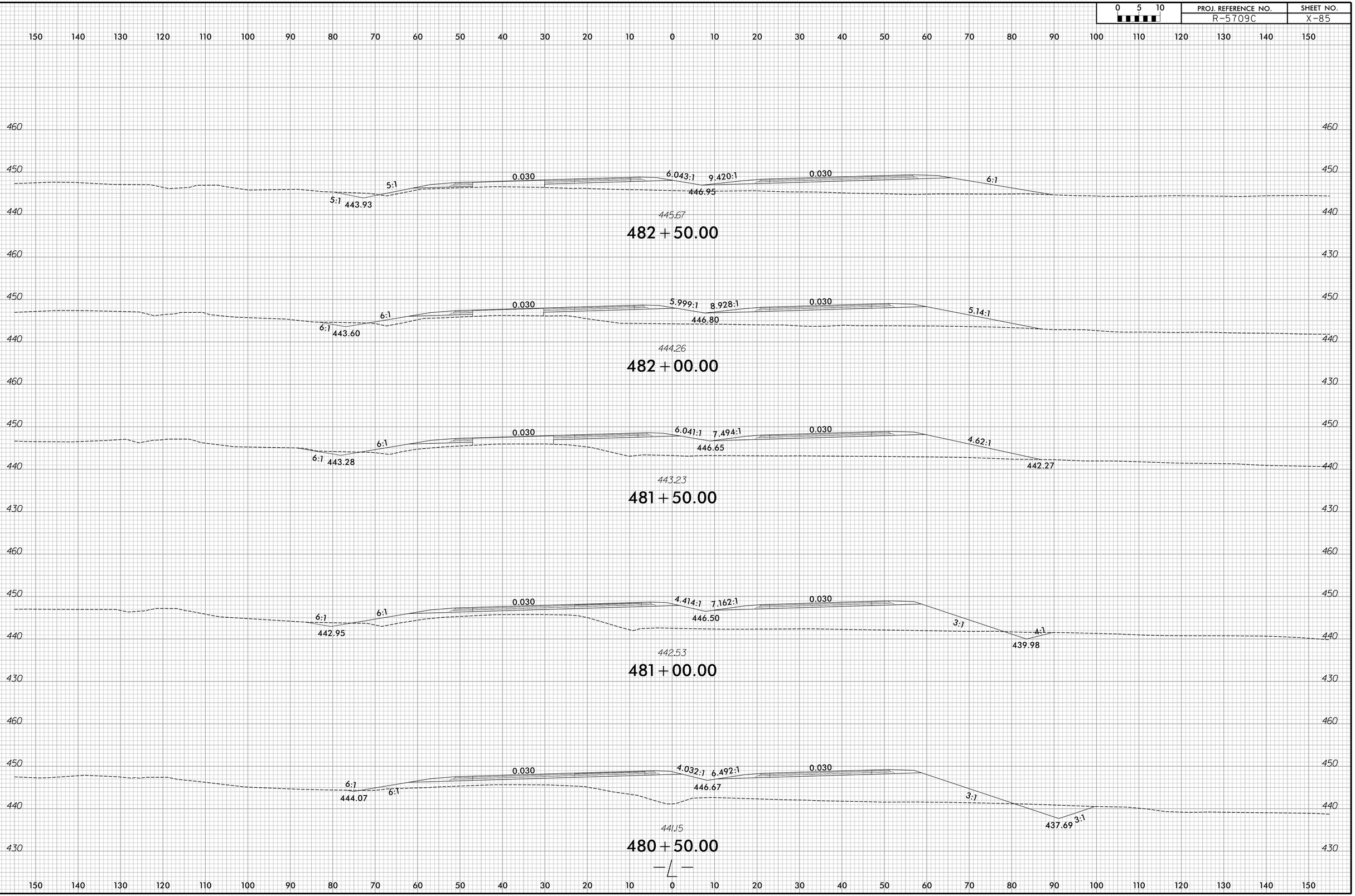
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-85



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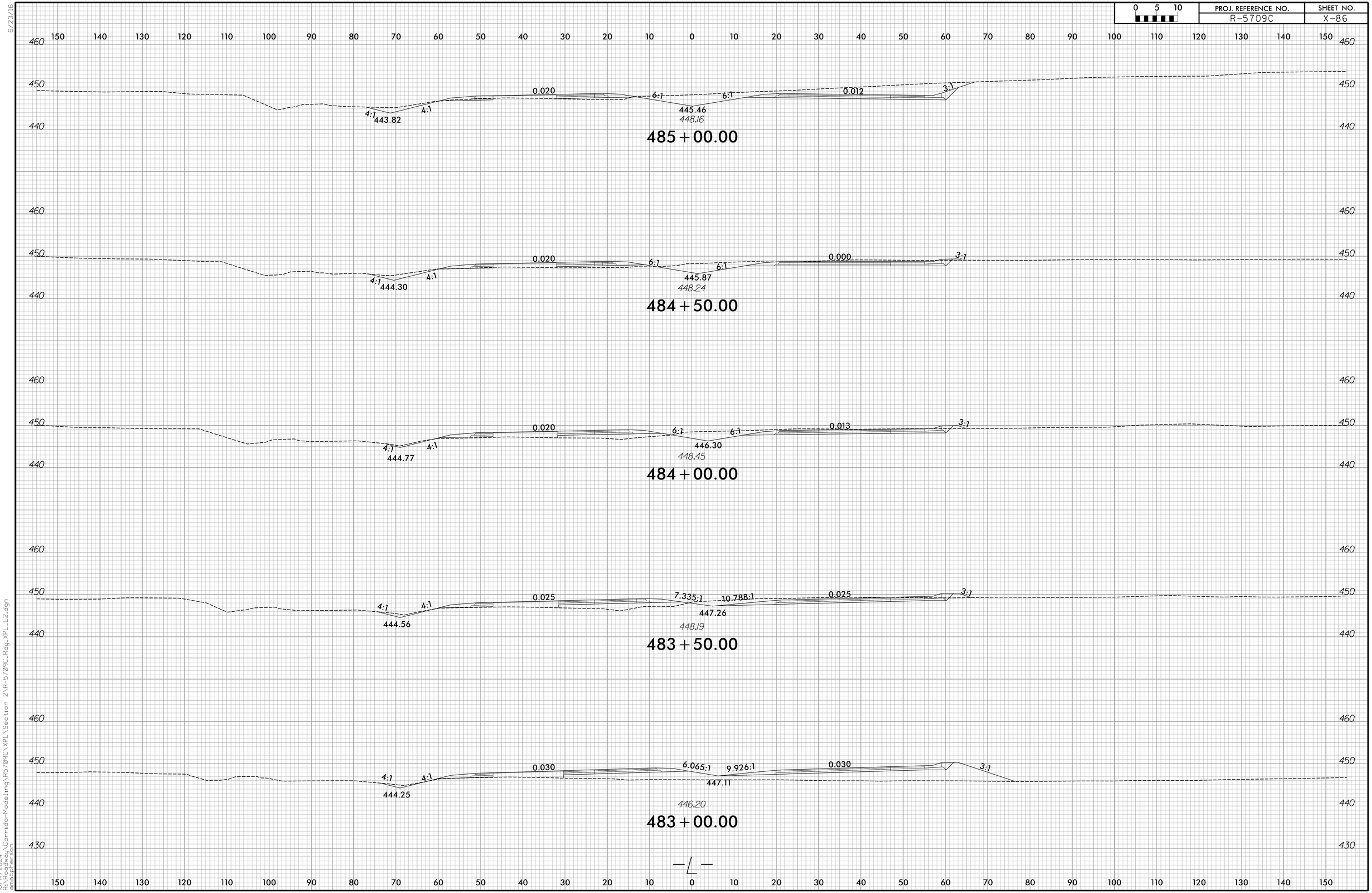
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-86



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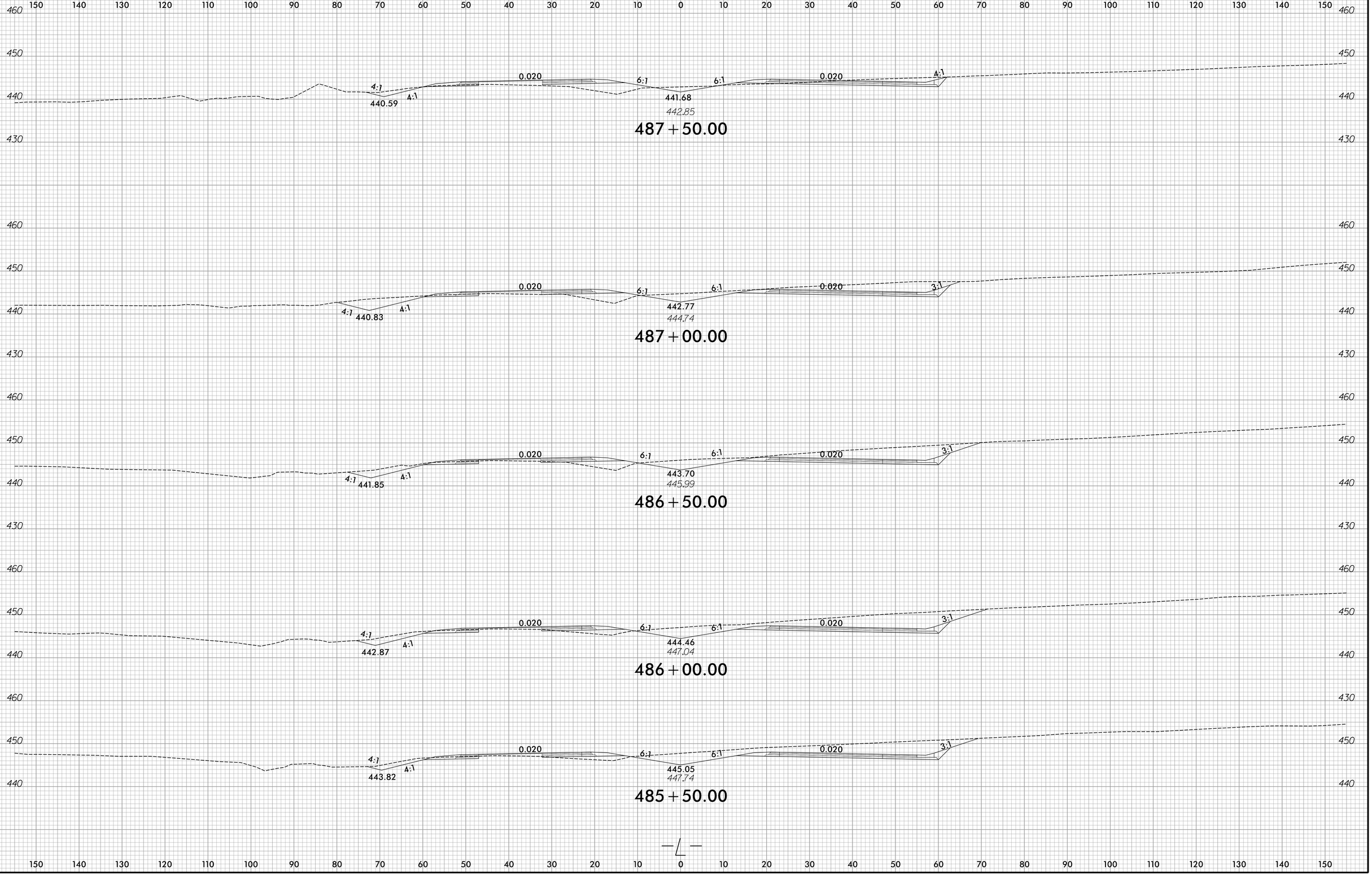
gmacpherson

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-87



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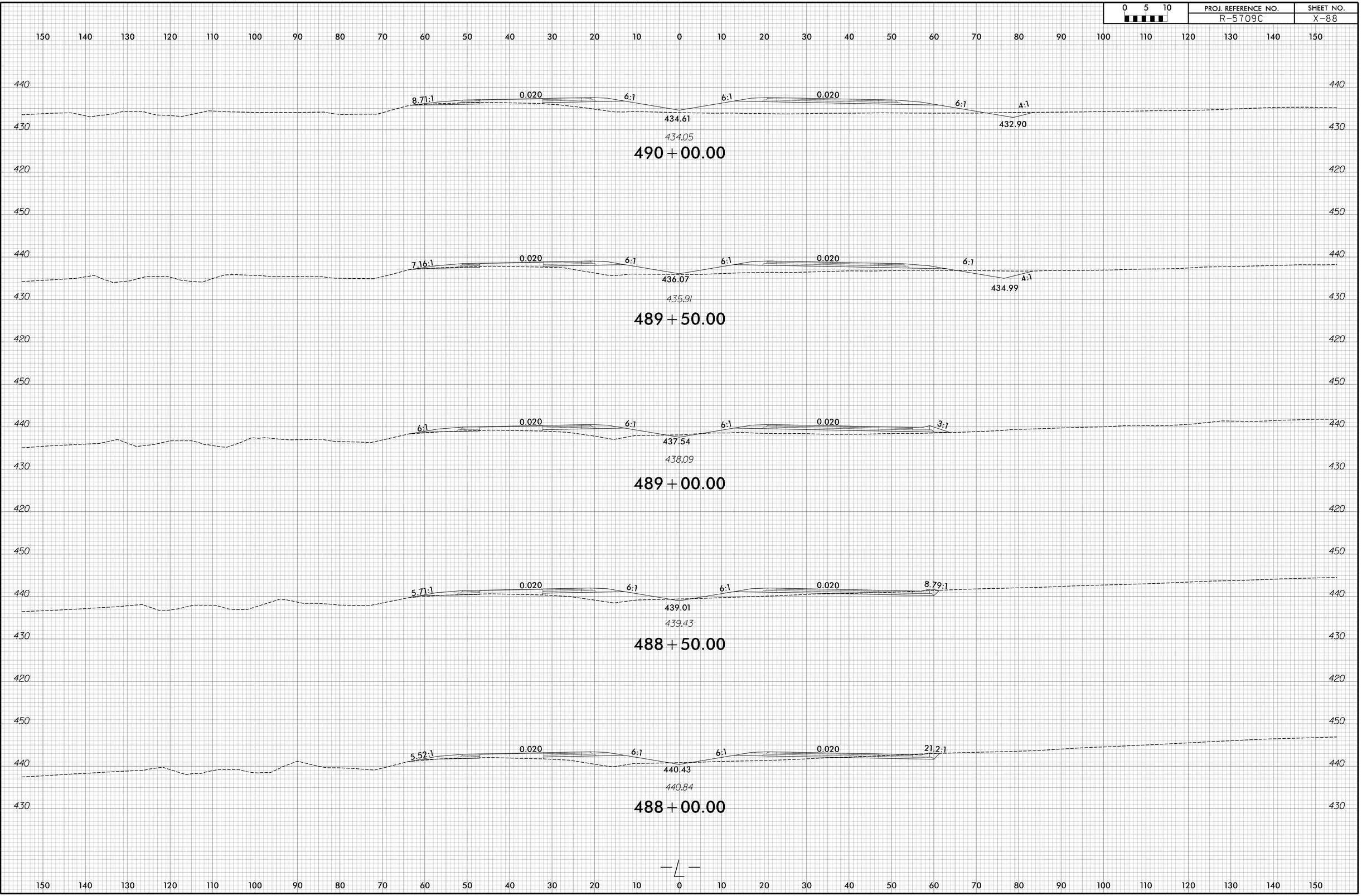
amacpherson



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amacpherson

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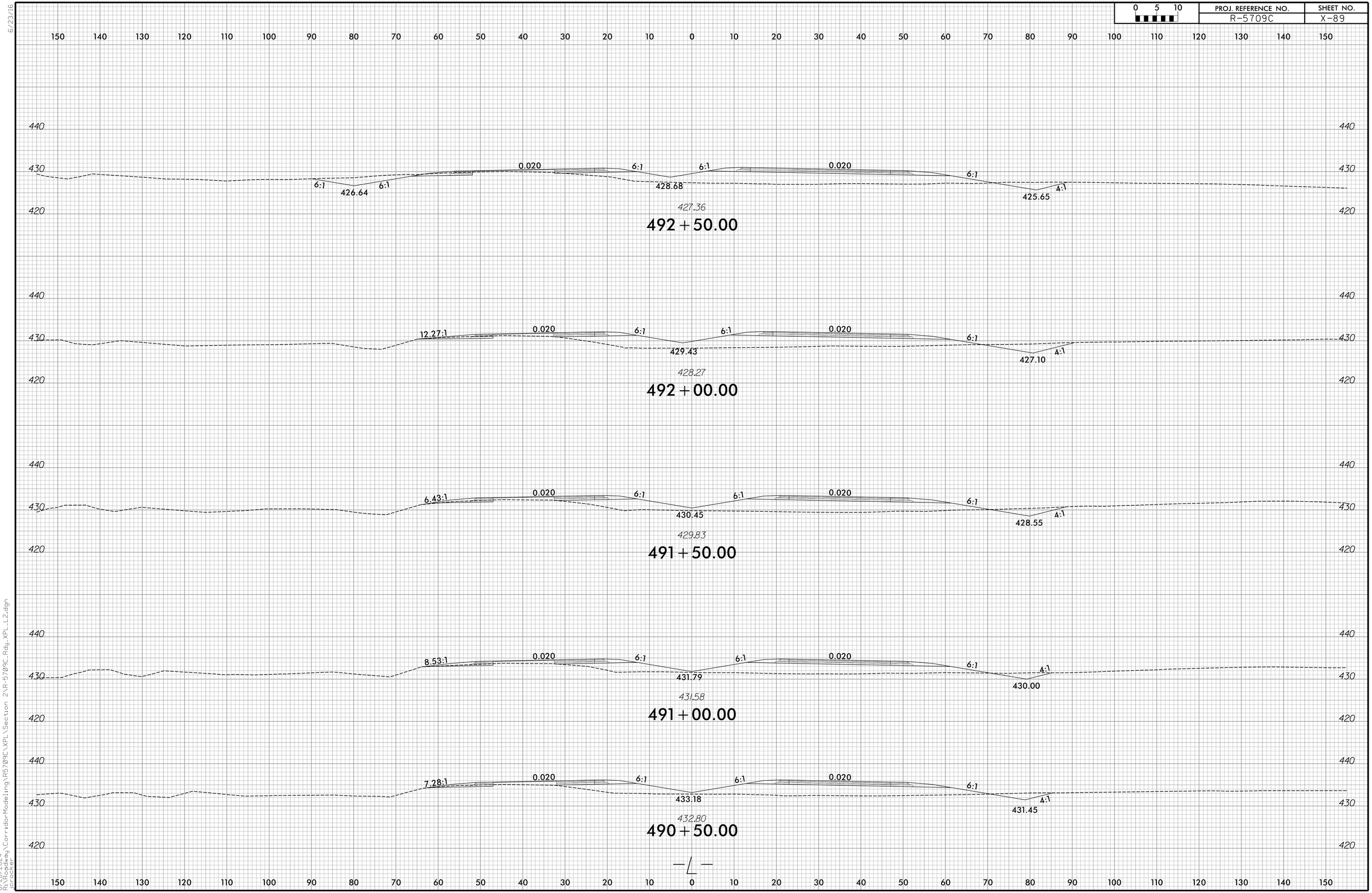
	R-5709C	X-89



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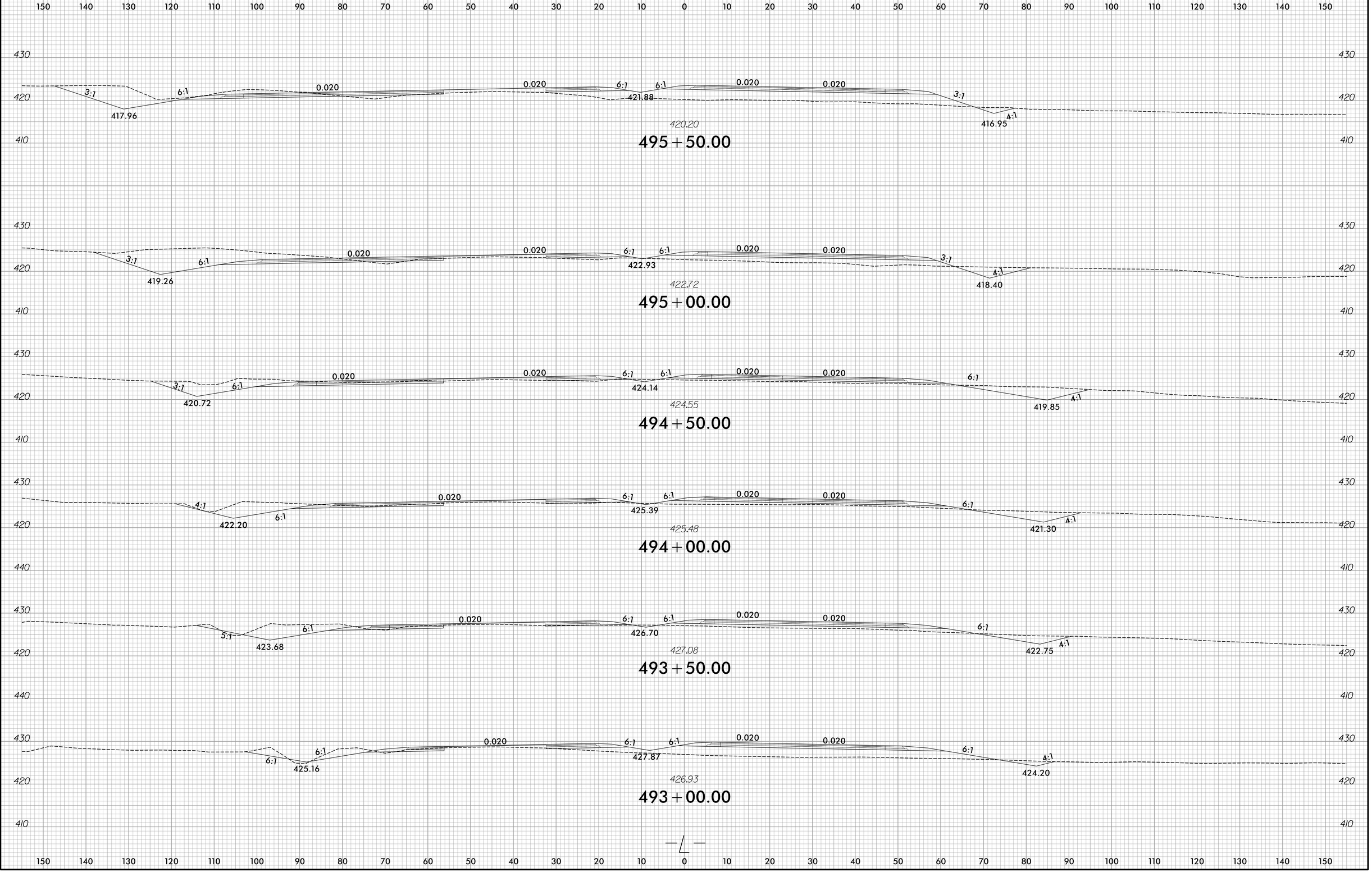

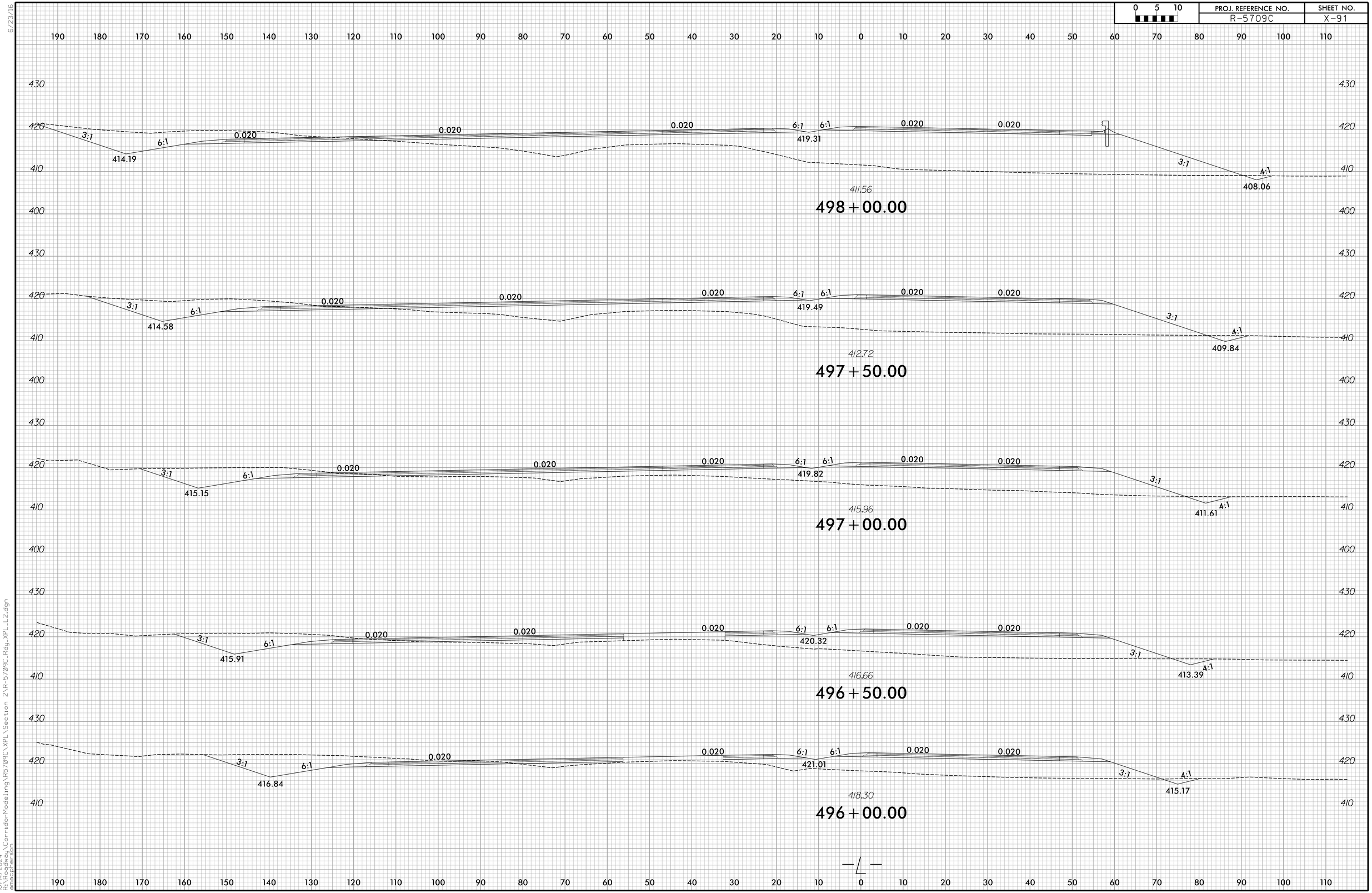

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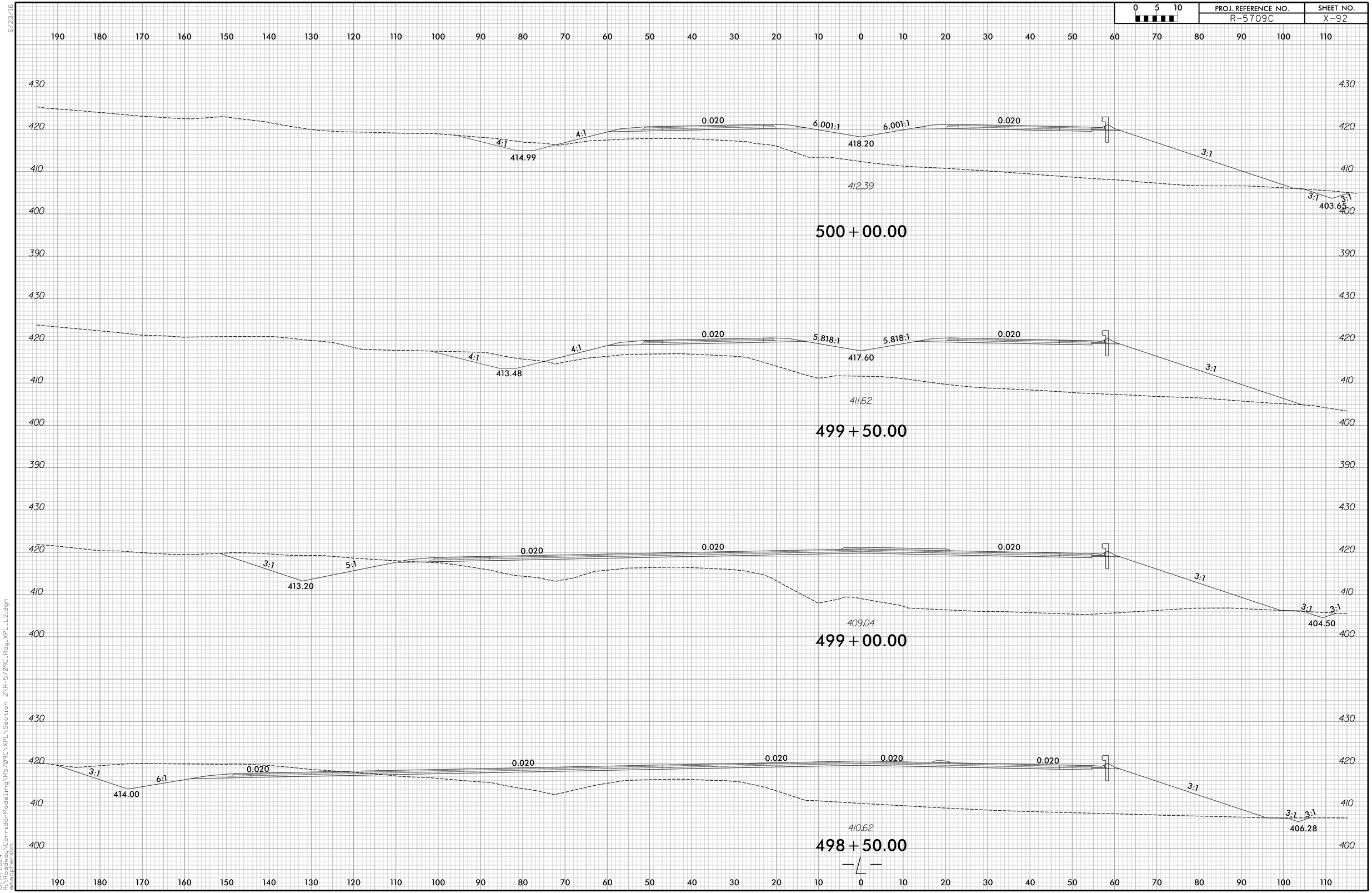
amcpherson

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-92



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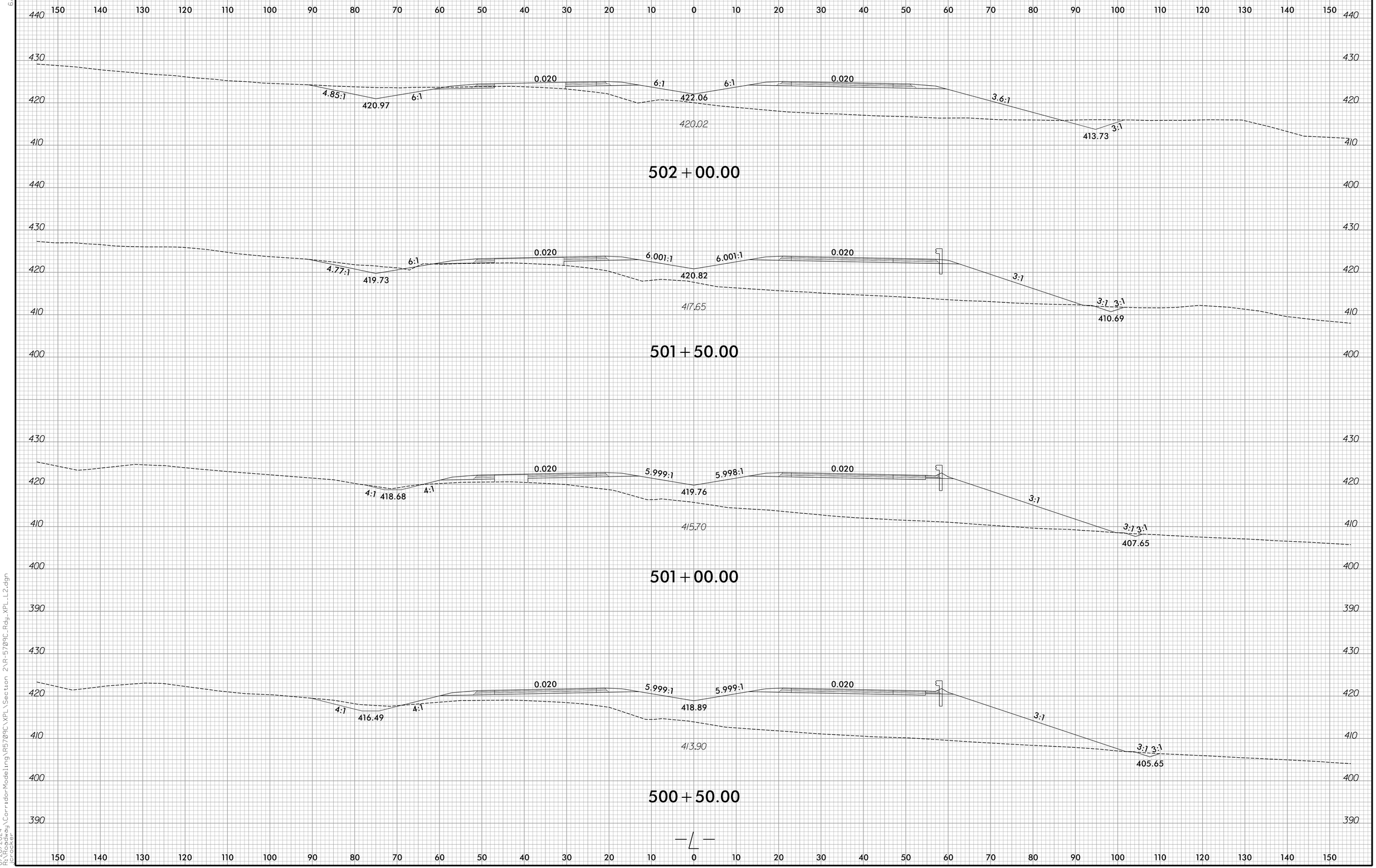
amacpherson

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-93



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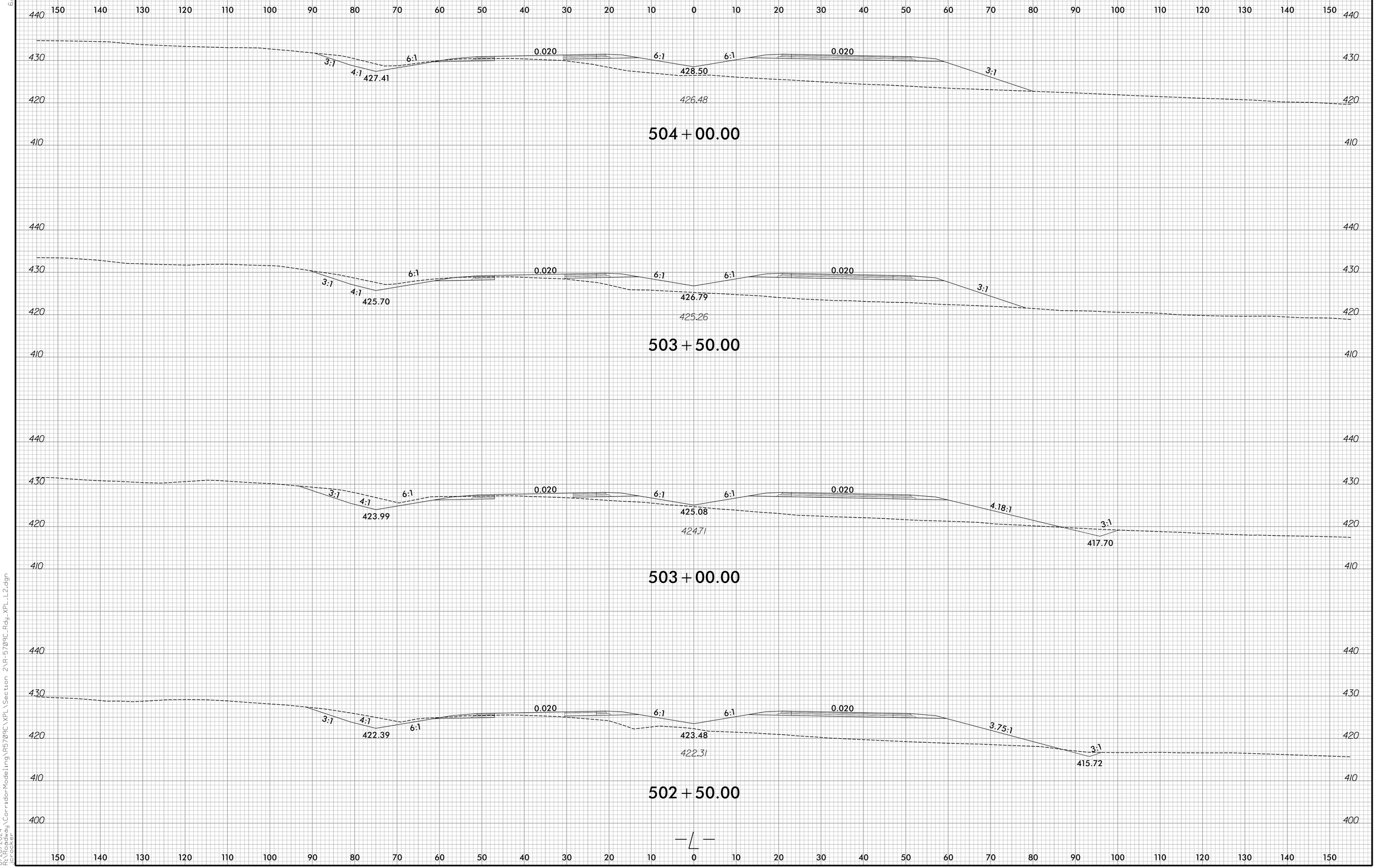
	R-5709C	X-94



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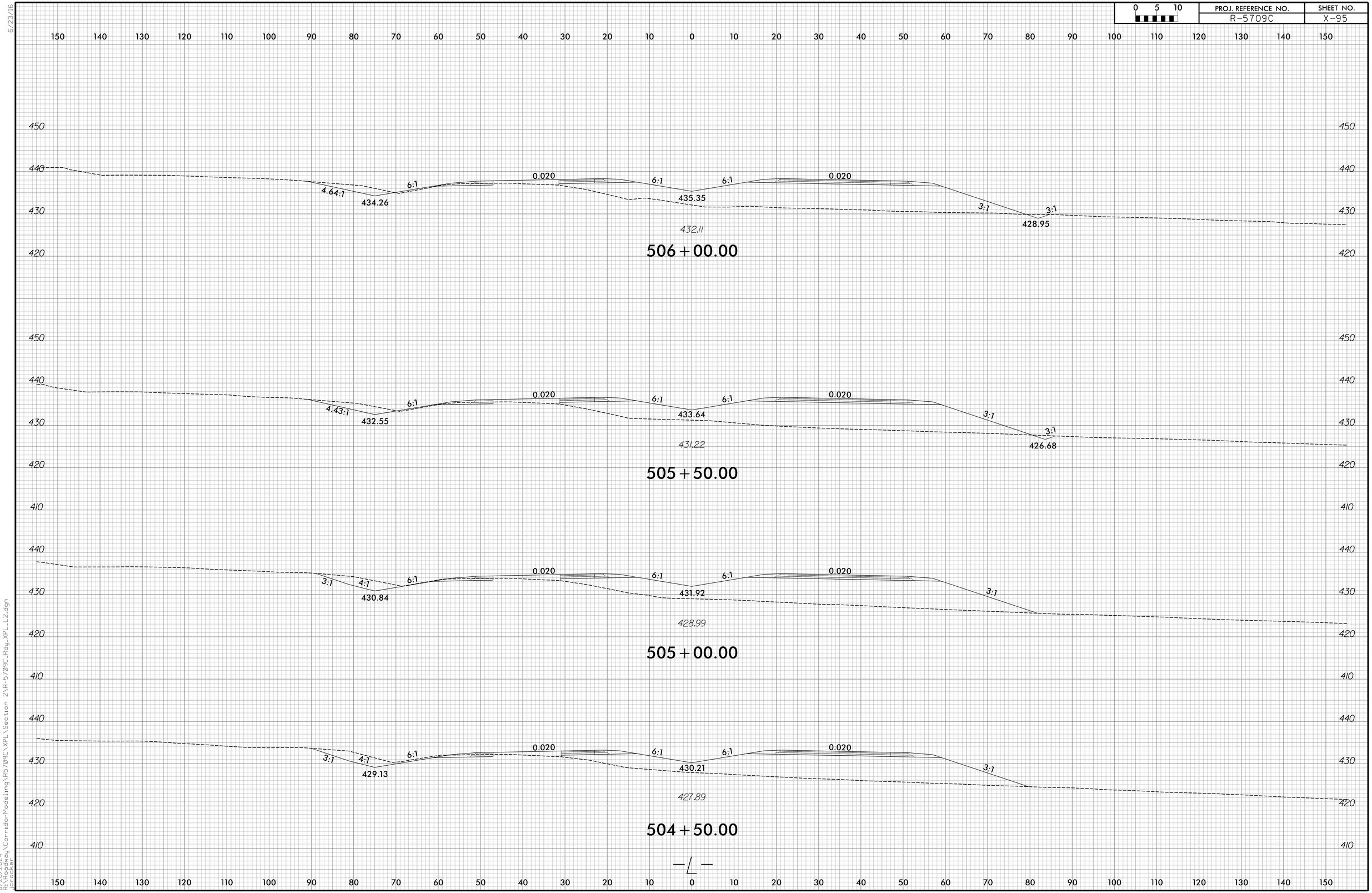

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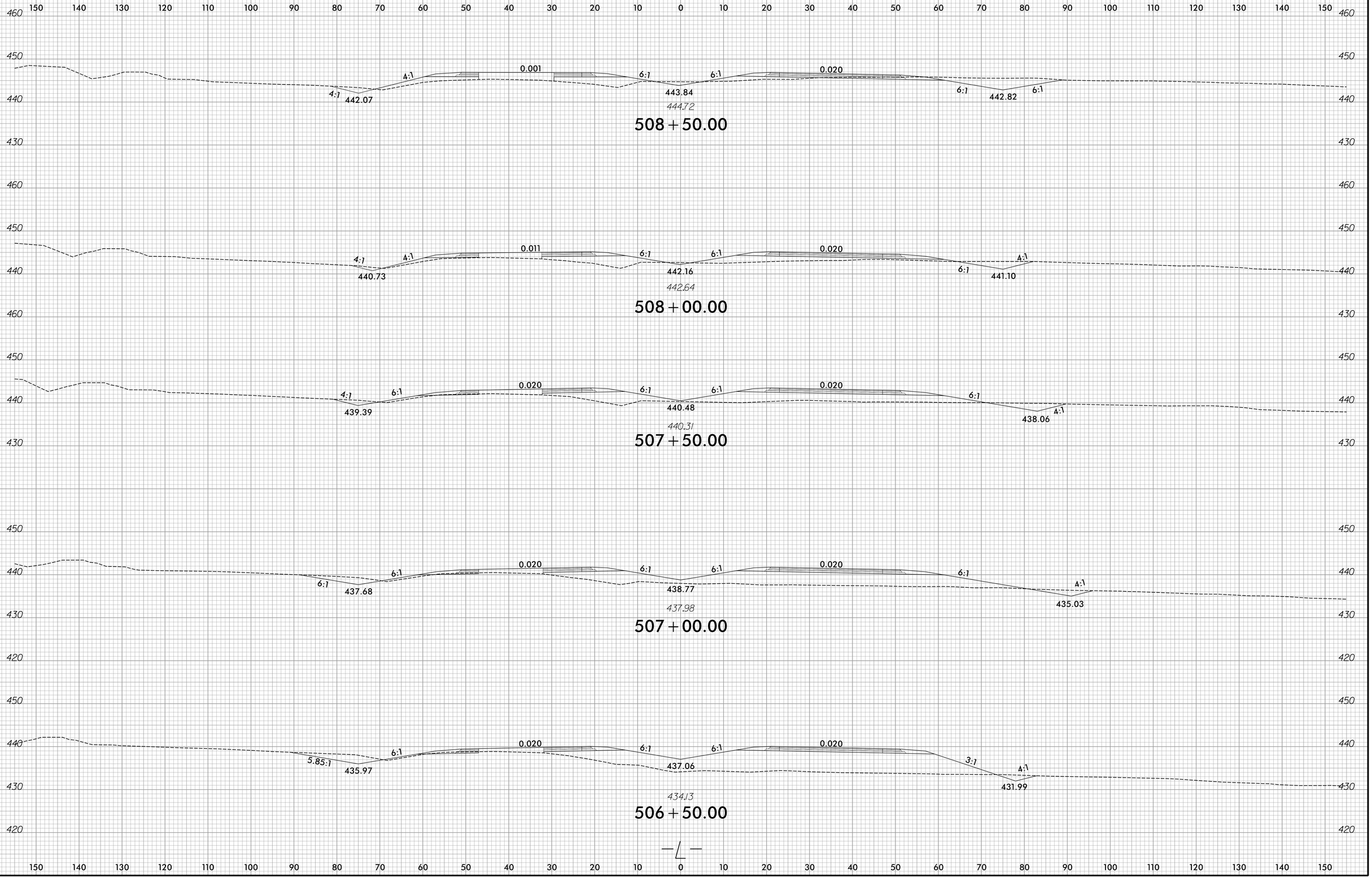
jcrocker

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-96



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jcrocker

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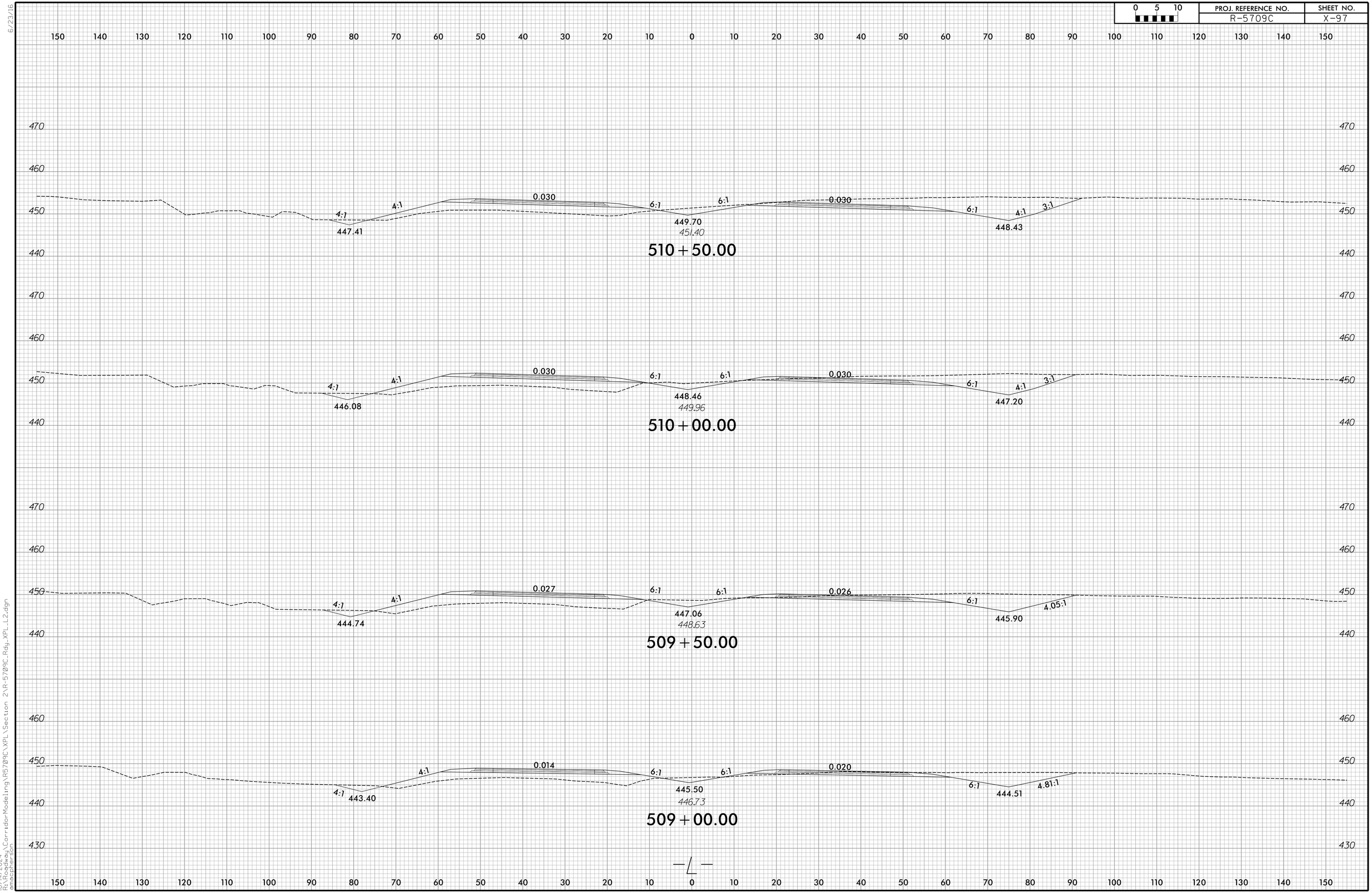
PROJ. REFERENCE NO.	SHEET NO.
R-5709C	X-97

0 5 10



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10/14/2024
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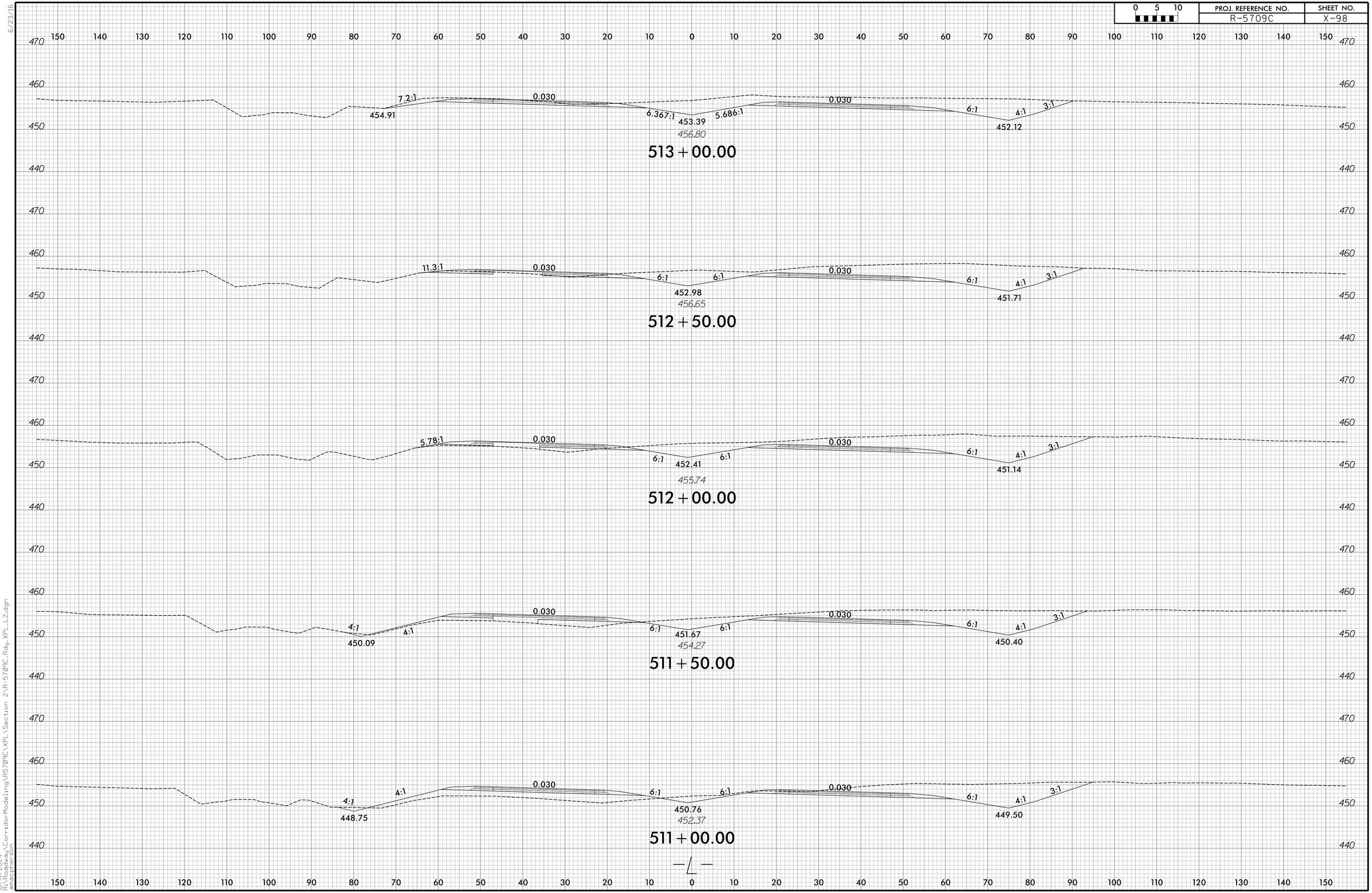
amacpherson

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-98



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amacpherson

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-99

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460 450 440

3:1 0.003 6:1 6:1 0.020 5.50:1

453.00

452.14

515 + 50.00

460 450 440 470

3:1 0.010 6.191:1 5.812:1 0.020 6:1

453.38

453.92

515 + 00.00

460 450 440 470

4.8:1 0.022 6.144:1 5.618:1 0.022 6:1 6:1

454.79 453.55 452.57

455.32

514 + 50.00

460 450 440 470

7.34:1 0.030 6.360:1 5.680:1 0.030 6:1 4.58:1

455.87 453.71 452.44

456.64

514 + 00.00

460 450 440 470

7.55:1 0.030 6.173:1 5.530:1 0.030 6:1 4.03:1

455.58 453.55 452.36

456.95

513 + 50.00

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

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amacpherson

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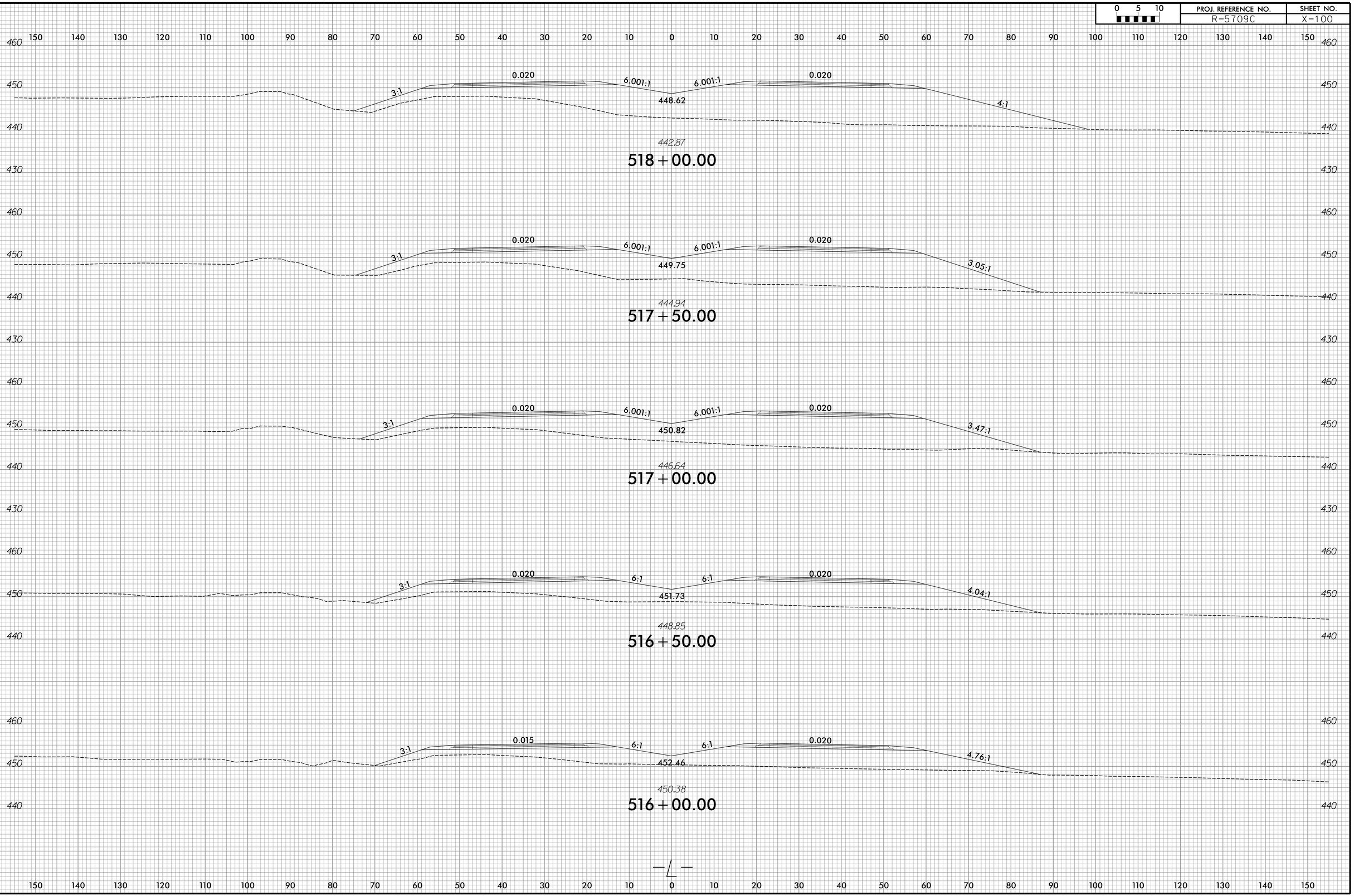
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5709C	X-100



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jcrocker

6/23/16

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
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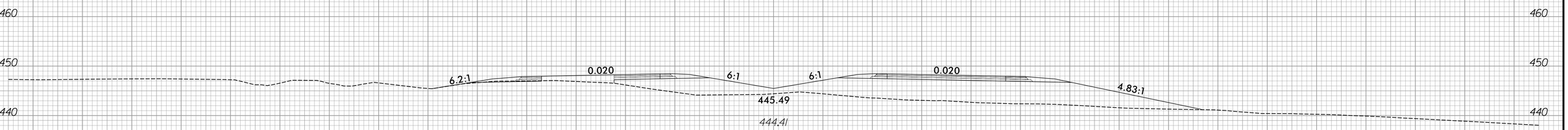
460 / 450 / 440 / 430



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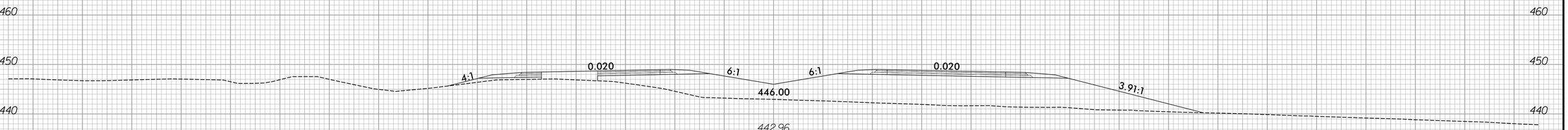

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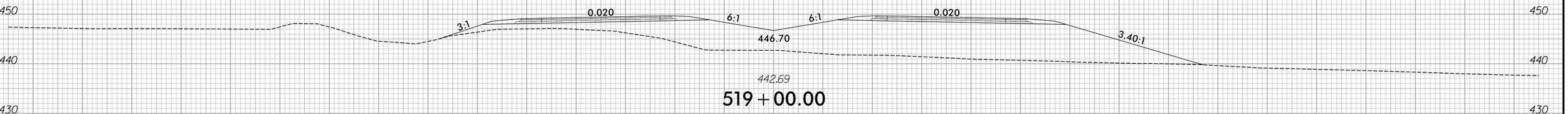

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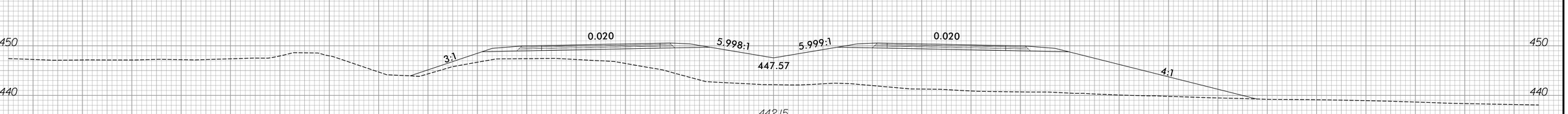

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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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