PROJ. REFERENCE NO.	SHEET NO.
R-2519A	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

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

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L LT	Uncl. Exc. (cu. meters)	Embt (cu. meters)	Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)	Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)	Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)	Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)	Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
226+40.00	0	0	236+00.00	75	0	245+60.00	185	0	255+20.00	3	51	264+80.00	27	138	274+40.00	25	31
226+60.00	109	0	236+20.00	49	0	245+80.00	301	0	255+40.00	8	75	265+00.00	27	115	274+60.00	34	37
226+80.00	115	0	236+40.00	45	0	246+00.00	608	0	255+60.00	15	74	265+20.00	31	60	274+80.00	36	40
227+00.00	108	0	236+60.00	39	0	246+20.00	710	0	255+80.00	19	72	265+40.00	34	68	275+00.00	45	17
227+20.00	140	1	236+80.00	68	0	246+40.00	788	0	256+00.00	17	62	265+60.00	32	71	275+20.00	47	5
227+40.00	149	1	237+00.00	73	28	246+60.00	941	0	256+20.00	25	54	265+80.00	14	89	275+40.00	29	11
227+60.00	122	0	237+20.00	49	53	246+80.00	1234	1	256+40.00	47	57	266+00.00	10	88	275+60.00	19	17
227+80.00	358	0	237+40.00	65	43	247+00.00	1384	4	256+60.00	33	87	266+20.00	48	49	275+80.00	14	299
228+00.00	606	0	237+60.00	112	17	247+20.00	1452	6	256+80.00	8	161	266+40.00	58	18	276+00.00	11	933
228+20.00	475	0	237+80.00	250	0	247+40.00	1409	5	257+00.00	6	144	266+60.00	43	20	276+20.00	13	1490
228+40.00	180	26	238+00.00	334	0	247+60.00	834	3	257+20.00	30	42	266+80.00	55	3	276+40.00	14	1610
228+60.00	76	26	238+20.00	383	0	247+80.00	304	12	257+40.00	31	288	267+00.00	56	14	276+60.00	17	1186
228+80.00	100	0	238+40.00	687	0	248+00.00	62	89	257+60.00	11	326	267+20.00	52	17	276+80.00	25	481
229+00.00	449	0	238+60.00	1054	0	248+20.00	38	141	257+80.00	11	225	267+40.00	43	15	277+00.00	30	76
229+20.00	1066	0	238+80.00	1373	0	248+40.00	94	63	258+00.00	2	422	267+60.00	32	21	277+20.00	26	56
229+40.00	1610	0	239+00.00	1824	0	248+60.00	213	0	258+20.00	1	506	267+80.00	69	15	277+40.00	32	56
229+60.00	1611	0	239+20.00	2399	0	248+80.00	383	0	258+40.00	1	583	268+00.00	154	7	277+60.00	34	143
229+80.00	1076	0	239+40.00	2510	0	249+00.00	759	0	258+60.00	4	376	268+20.00	209	1	277+80.00	22	254
230+00.00	1114	0	239+60.00	2097	0	249+20.00	563	0	258+80.00	8	92	268+40.00	177	0	278+00.00	12	261
230+20.00	1365	0	239+80.00	1372	0	249+40.00	98	2	259+00.00	12	54	268+60.00	82	2	278+20.00	12	226
230+40.00	1401	0	240+00.00	855	0	249+60.00	75	213	259+20.00	12	49	268+80.00	36	2	278+40.00	12	151
230+60.00	1018	0	240+20.00	641	0	249+80.00	33	454	259+40.00	9	46	269+00.00	27	81	278+60.00	8	152
230+80.00	347	0	240+40.00	247	0	250+00.00	23	394	259+60.00	10	38	269+20.00	12	197	278+80.00	12	182
231+00.00	94	45	240+60.00	55	0	250+20.00	55	165	259+80.00	9	37	269+40.00	11	281	279+00.00	12	158
231+20.00	65	45	240+80.00	50	0	250+40.00	369	16	260+00.00	8	34	269+60.00	7	328	279+20.00	12	147
231+40.00	65	0	241+00.00	86	0	250+60.00	968	4	260+20.00	8	46	269+80.00	13	278	279+40.00	7	136
231+60.00	41	0	241+20.00	114	0	250+80.00	1613	4	260+40.00	7	90	270+00.00	21	249	279+60.00	0	96
231+80.00	42	0	241+40.00	86	5	251+00.00	2015	3	260+60.00	7	195	270+20.00	24	315	279+80.00	1	126
232+00.00	67	0	241+60.00	324	5	251+20.00	1873	1	260+80.00	10	226	270+40.00	28	348	280+00.00	2	131
232+20.00	85	0	241+80.00	771	0	251+40.00	1237	0	261+00.00	13	207	270+60.00	30	365	280+20.00	13	58
232+40.00	96	0	242+00.00	822	8	251+60.00	638	2	261+20.00	14	168	270+80.00	29	386	280+40.00	59	29
232+60.00	98	0	242+20.00	825	8	251+80.00	338	2	261+40.00	12	115	271+00.00	27	419			
232+80.00	82	0	242+40.00	980	1	252+00.00	118	26	261+60.00	10	140	271+20.00	15	1386			
233+00.00	62	0	242+60.00	647	3	252+20.00	37	27	261+80.00	13	126	271+40.00	5	2335			
233+20.00	56	0	242+80.00	215	21	252+40.00	61	0	262+00.00	17	121						
233+40.00	39	0	243+00.00	78	19	252+60.00	60	0	262+20.00	34	77						
233+60.00	24	122	243+20.00	25	0	252+80.00	45	5	262+40.00	47	16						
233+80.00	52	122	243+40.00	21	233	253+00.00	49	5									
234+00.00	106	0	243+60.00	17	395	253+20.00	42	15									
234+20.00	113	0	243+80.00	19	162	253+40.00	19	29									
234+40.00	76	0	244+00.00	25	0												
234+60.00	40	0	244+20.00	52	0												
234+80.00	32	0	244+40.00	66	0												
235+00.00	41	0															
235+20.00	44	0															
235+40.00	71	0															

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
235+40.00	0	0
235+60.00	110	0
235+80.00	113	0

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
244+40.00	0	0
244+60.00	45	0
244+80.00	54	0
245+00.00	73	0
245+20.00	82	0
245+40.00	123	0

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
253+40.00	0	0
253+60.00	17	38
253+80.00	18	49
254+00.00	77	67
254+20.00	78	71
254+40.00	20	37
254+60.00	14	21
254+80.00	6	85
255+00.00	2	86

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
262+40.00	0	0
262+60.00	66	23
262+80.00	59	89
263+00.00	38	103
263+20.00	41	42
263+40.00	44	28
263+60.00	46	30
263+80.00	34	39
264+00.00	26	42
264+20.00	33	52
264+40.00	44	57
264+60.00	42	65

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
271+40.00	0	0
271+60.00	8	2363
271+80.00	10	1813
272+00.00	10	1246
272+20.00	7	1318
272+40.00	9	1387
272+60.00	16	1231
272+80.00	74	549
273+00.00	175	6
273+20.00	239	6
273+40.00	157	14
273+60.00	37	27
273+80.00	20	37
274+00.00	20	46
274+20.00	19	43

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
280+40.00	0	0
280+60.00	96	24
280+80.00	97	18
281+00.00	110	16
281+20.00	118	17
281+40.00	120	14
281+60.00	132	11
281+80.00	93	16
282+00.00	63	21
282+20.00	49	25
282+40.00	99	24
282+60.00	221	26
282+80.00	262	23
283+00.00	246	15
283+20.00	235	11
283+40.00	184	19
283+60.00	129	17
283+80.00	131	10

PROJ. REFERENCE NO.	SHEET NO.
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CROSS-SECTION SUMMARY

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Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
284+00.00	67	19
284+20.00	5	24
284+40.00	7	21
284+60.00	8	15
284+80.00	9	28
285+00.00	11	116
285+20.00	12	104
285+40.00	32	57
285+60.00	41	88
285+80.00	29	66
286+00.00	39	35
286+20.00	37	30
286+40.00	84	49
286+60.00	91	99
286+80.00	62	138
287+00.00	44	134
287+20.00	2	126
287+40.00	1	92
287+60.00	1	48
287+80.00	6	18
288+00.00	18	6
288+20.00	25	7
288+40.00	30	15
288+60.00	33	26
288+80.00	26	61
289+00.00	17	96
289+20.00	15	115
289+40.00	16	151

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
289+40.00	0	0
289+60.00	19	144
289+80.00	21	393
290+00.00	25	404
290+20.00	42	75
290+40.00	41	114
290+60.00	69	106
290+80.00	151	1
291+00.00	497	0
291+20.00	2271	2
291+40.00	4751	11
291+60.00	5182	9
291+80.00	3523	0
292+00.00	1901	0
292+20.00	690	10
292+40.00	66	12
292+60.00	71	13
292+80.00	53	13
293+00.00	71	6
293+20.00	49	17
293+40.00	28	64

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
293+60.00	39	158
293+80.00	45	118
294+00.00	30	36
294+20.00	37	48
294+40.00	90	24
294+60.00	123	6
294+80.00	113	11
295+00.00	99	10
295+20.00	129	18
295+40.00	358	17
295+60.00	796	6
295+80.00	1219	6
296+00.00	1552	5
296+20.00	1716	5
296+40.00	1560	5
296+60.00	1103	5
296+80.00	553	7
297+00.00	188	9
297+20.00	54	9
297+40.00	25	23
297+60.00	28	32
297+80.00	35	19
298+00.00	28	18
298+20.00	56	12
298+40.00	196	3

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
298+40.00	0	0
298+60.00	208	17
298+80.00	67	60
299+00.00	38	58
299+20.00	55	17
299+40.00	56	12
299+60.00	58	14
299+80.00	123	10
300+00.00	179	7
300+20.00	147	12
300+40.00	124	16
300+60.00	161	7
300+80.00	151	7
301+00.00	77	203
301+20.00	33	285
301+40.00	25	187
301+60.00	127	98
301+80.00	223	0
302+00.00	211	0
302+20.00	181	1
302+40.00	150	5
302+60.00	143	7
302+80.00	153	6
303+00.00	178	6

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
303+20.00	209	6
303+40.00	208	6
303+60.00	205	6
303+80.00	206	6
304+00.00	147	5
304+20.00	142	6
304+40.00	173	6
304+60.00	92	75
304+80.00	22	165
305+00.00	21	128
305+20.00	27	65
305+40.00	28	173
305+60.00	23	334
305+80.00	19	491
306+00.00	21	572
306+20.00	26	519
306+40.00	18	486
306+60.00	11	434
306+80.00	32	195
307+00.00	35	95
307+20.00	34	125
307+40.00	58	52

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
307+40.00	0	0
307+60.00	59	63
307+80.00	75	93
308+00.00	67	76
308+20.00	179	34
308+40.00	392	32
308+60.00	655	35
308+80.00	859	26
309+00.00	843	24
309+20.00	924	18
309+40.00	735	14
309+60.00	391	10
309+80.00	271	5
310+00.00	231	2
310+20.00	179	24
310+40.00	49	66
310+60.00	87	42
310+80.00	576	1
311+00.00	1407	5
311+20.00	2293	6
311+40.00	3300	4
311+60.00	4405	2
311+80.00	4687	1
312+00.00	3354	4
312+20.00	1415	4
312+40.00	308	192
312+60.00	47	953

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
312+80.00	11	1218
313+00.00	16	632
313+20.00	24	176
313+40.00	26	0
313+60.00	31	0
313+80.00	45	0
314+00.00	45	0
314+20.00	31	61
314+40.00	19	121
314+60.00	15	135
314+80.00	18	158
315+00.00	20	155
315+20.00	19	137
315+40.00	16	128
315+60.00	14	83
315+80.00	44	33
316+00.00	76	25
316+20.00	53	33
316+40.00	22	70

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
316+40.00	0	0
316+60.00	37	67
316+80.00	74	72
317+00.00	77	69
317+20.00	55	121
317+40.00	39	129
317+60.00	141	25
317+80.00	282	2
318+00.00	400	3
318+20.00	244	293
318+40.00	19	300
318+60.00	2346	16
318+80.00	6800	10
319+00.00	8901	4
319+20.00	10645	10
319+40.00	14149	24
319+60.00	16076	33
319+80.00	12642	30
320+00.00	5286	30
320+20.00	3122	30
320+40.00	6663	33
320+60.00	9238	40
320+80.00	11083	41
321+00.00	11773	43
321+20.00	11547	39
321+40.00	11393	28
321+60.00	10208	23
321+80.00	8965	21
322+00.00	6658	20
322+20.00	3308	14

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
322+40.00	2169	20
322+60.00	2939	28
322+80.00	3507	23
323+00.00	4209	18
323+20.00	4865	16
323+40.00	7777	20
323+60.00	9808	24
323+80.00	8479	31
324+00.00	7924	34
324+20.00	6252	37
324+40.00	2608	33
324+60.00	512	66
324+80.00	1153	64

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
324+80.00	0	0
325+00.00	4250	35
325+20.00	4249	40
325+40.00	2909	35
325+60.00	4621	34
325+80.00	5913	30
326+00.00	6408	31
326+20.00	5658	29
326+40.00	4800	21
326+60.00	9687	19
326+80.00	15020	20
327+00.00	14194	22
327+20.00	9410	19
327+40.00	4312	9
327+60.00	1186	7
327+80.00	46	69
328+00.00	21	138
328+20.00	116	109
328+40.00	1125	37
328+60.00	2525	1
328+80.00	2256	1
329+00.00	1226	8
329+20.00	933	15
329+40.00	707	14
329+60.00	479	11
329+80.00	948	13
330+00.00	1385	19
330+20.00	997	19
330+40.00	858	19
330+60.00	1095	24
330+80.00	1141	26
331+00.00	2595	19
331+20.00	6493	18
331+40.00	10019	23
331+60.00	10857	23
331+80.00	9809	30

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
332+00.00	8194	20
332+20.00	5047	15
332+40.00	1632	117
332+60.00	294	326
332+80.00	29	453
333+00.00	36	453
333+20.00	24	443
333+40.00	3	318
333+60.00	101	105
333+80.00	967	18

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
333+80.00	0	0
334+00.00	2371	24
334+20.00	3354	25
334+40.00	4276	23
334+60.00	5514	20
334+80.00	6443	8
335+00.00	5173	3
335+20.00	2544	3
335+40.00	2152	1
335+60.00	5199	2
335+80.00	9418	4
336+00.00	12913	4
336+20.00	15617	7
336+40.00	15015	7
336+60.00	10517	7
336+80.00	5350	17
337+00.00	1614	58
337+20.00	119	146
337+40.00	5	221
337+60.00	649	217
337+80.00	2703	137
338+00.00	3920	58
338+20.00	4365	29
338+40.00	4886	26
338+60.00	5332	23
338+80.00	5650	21
339+00.00	5359	20
339+20.00	4456	17
339+40.00	2388	27
339+60.00	579	28
339+80.00	247	30
340+00.00	282	35
340+20.00	264	24
340+40.00	124	38
340+60.00	12	62
340+80.00	12	140
341+00.00	5	354
341+20.00	5	630
341+40.00	4	875

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R-2519A	X-1C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

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NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
341+60.00	882	676
341+80.00	3101	267
342+00.00	4801	114
342+20.00	4756	45
342+40.00	3460	19
342+60.00	5739	9
342+80.00	10573	3

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
342+80.00	0	0
343+00.00	13473	0
343+20.00	14299	0
343+40.00	14392	0
343+60.00	19006	3
343+80.00	19101	12
344+00.00	9952	20
344+20.00	2604	14
344+40.00	245	30
344+60.00	306	28
344+80.00	792	5
345+00.00	789	4
345+20.00	379	0
345+40.00	193	0
345+60.00	125	0

Station L RT	Uncl. Exc. (cu. meters)	Embt (cu. meters)
226+40.00	0	0
226+60.00	67	101
226+80.00	54	96
227+00.00	38	127
227+20.00	31	232
227+40.00	30	392
227+60.00	22	535
227+80.00	13	715
228+00.00	11	770
228+20.00	11	831
228+40.00	8	866
228+60.00	6	819
228+80.00	12	650
229+00.00	11	605
229+20.00	5	966
229+40.00	6	1268
229+60.00	5	1420
229+80.00	4	1539
230+00.00	5	1541
230+20.00	4	1426
230+40.00	8	1331
230+60.00	9	1574
230+80.00	5	2038

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
231+00.00	5	2242
231+20.00	6	2170
231+40.00	7	1962
231+60.00	7	1768
231+80.00	6	1551
232+00.00	7	1173
232+20.00	25	480
232+40.00	745	22
232+60.00	1631	23
232+80.00	1037	75
233+00.00	136	435
233+20.00	19	722
233+40.00	28	674
233+60.00	51	434
233+80.00	43	182
234+00.00	103	71
234+20.00	147	0
234+40.00	54	72
234+60.00	5	214
234+80.00	3	454
235+00.00	2	480
235+20.00	2	258
235+40.00	5	175

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
235+40.00	0	0
235+60.00	6	421
235+80.00	4	961
236+00.00	5	1553
236+20.00	4	1539
236+40.00	33	635
236+60.00	51	53
236+80.00	34	107
237+00.00	103	79
237+20.00	206	1
237+40.00	238	11
237+60.00	405	14
237+80.00	719	4
238+00.00	1184	4
238+20.00	1877	11
238+40.00	2713	20
238+60.00	3497	24
238+80.00	4038	23
239+00.00	4268	20
239+20.00	4515	18
239+40.00	5053	17
239+60.00	4736	17
239+80.00	2447	17
240+00.00	447	25
240+20.00	147	24
240+40.00	135	25

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
240+60.00	71	43
240+80.00	37	34
241+00.00	11	79
241+20.00	6	74
241+40.00	257	25
241+60.00	1005	26
241+80.00	1430	10
242+00.00	1536	12
242+20.00	1689	29
242+40.00	1995	50
242+60.00	1202	179
242+80.00	42	265
243+00.00	11	169
243+20.00	12	106
243+40.00	8	97
243+60.00	5	88
243+80.00	5	66
244+00.00	7	53
244+20.00	6	58
244+40.00	52	53

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
244+40.00	0	0
244+60.00	235	37
244+80.00	640	24
245+00.00	1089	21
245+20.00	1277	20
245+40.00	1455	19
245+60.00	2079	17
245+80.00	2815	17
246+00.00	2960	17
246+20.00	2801	17
246+40.00	3003	21
246+60.00	3524	24
246+80.00	3564	21
247+00.00	3625	23
247+20.00	3464	23
247+40.00	2441	20
247+60.00	1756	13
247+80.00	939	16
248+00.00	146	32
248+20.00	48	27
248+40.00	80	10
248+60.00	139	2
248+80.00	151	0
249+00.00	115	5
249+20.00	166	6
249+40.00	242	2
249+60.00	227	4
249+80.00	157	5
250+00.00	100	6

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
250+20.00	62	8
250+40.00	56	8
250+60.00	77	5
250+80.00	68	5
251+00.00	45	4
251+20.00	31	5
251+40.00	19	10
251+60.00	13	56
251+80.00	19	50
252+00.00	17	191
252+20.00	2	445
252+40.00	0	495
252+60.00	0	463
252+80.00	0	500
253+00.00	0	516
253+20.00	2	439
253+40.00	4	453

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
253+40.00	0	0
253+60.00	4	502
253+80.00	3	324
254+00.00	11	90
254+20.00	15	52
254+40.00	17	54
254+60.00	33	34
254+80.00	39	53
255+00.00	27	55
255+20.00	23	66
255+40.00	32	62
255+60.00	35	35
255+80.00	37	33
256+00.00	34	36
256+20.00	33	66
256+40.00	32	214
256+60.00	23	326
256+80.00	20	292
257+00.00	16	266
257+20.00	13	361
257+40.00	15	451
257+60.00	30	278
257+80.00	29	94
258+00.00	16	54
258+20.00	32	18
258+40.00	37	7
258+60.00	25	18
258+80.00	29	25
259+00.00	38	26
259+20.00	52	15
259+40.00	43	9
259+60.00	19	15

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
259+80.00	16	22
260+00.00	70	14
260+20.00	103	1
260+40.00	48	8
260+60.00	16	12
260+80.00	27	9
261+00.00	43	7
261+20.00	41	9
261+40.00	24	15
261+60.00	37	12
261+80.00	43	7
262+00.00	27	19
262+20.00	21	31
262+40.00	21	38

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
262+40.00	0	0
262+60.00	36	27
262+80.00	69	5
263+00.00	80	0
263+20.00	43	4
263+40.00	13	25
263+60.00	10	80
263+80.00	6	128
264+00.00	7	98
264+20.00	22	53
264+40.00	33	41
264+60.00	44	30
264+80.00	75	24
265+00.00	65	47
265+20.00	53	39
265+40.00	59	6
265+60.00	40	10
265+80.00	57	7
266+00.00	83	0
266+20.00	77	0
266+40.00	171	1
266+60.00	240	1
266+80.00	401	1
267+00.00	387	0
267+20.00	172	6
267+40.00	163	18
267+60.00	133	29
267+80.00	120	34
268+00.00	234	31
268+20.00	168	44
268+40.00	1	93
268+60.00	5	81
268+80.00	5	45
269+00.00	0	111
269+20.00	0	170

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
269+40.00	0	142
269+60.00	1	132
269+80.00	1	158
270+00.00	85	89
270+20.00	94	29
270+40.00	45	36
270+60.00	48	36
270+80.00	32	47
271+00.00	50	42
271+20.00	53	18
271+40.00	98	1

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
271+40.00	0	0
271+60.00	173	1
271+80.00	233	1
272+00.00	244	2
272+20.00	285	2
272+40.00	210	7
272+60.00	64	10
272+80.00	578	6
273+00.00	1666	6
273+20.00	2626	6
273+40.00	3279	6
273+60.00	3776	7
273+80.00	4151	7
274+00.00	4442	8
274+20.00	4744	8
274+40.00	4931	4
274+60.00	4537	1
274+80.00	3781	0
275+00.00	3293	0
275+20.00	3097	0
275+40.00	1864	0
275+60.00	337	15
275+80.00	18	35
276+00.00	33	24
276+20.00	40	15
276+40.00	42	16
276+60.00	46	26
276+80.00	52	34
277+00.00	67	17
277+20.00	84	8
277+40.00	144	4
277+60.00	111	2
277+80.00	27	16
278+00.00	23	34
278+20.00	15	38
278+40.00	18	44
278+60.00	34	38
278+80.00	47	20

PROJ. REFERENCE NO.	SHEET NO.
R-2519A	X-1D

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

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

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
279+00.00	77	8
279+20.00	78	8
279+40.00	58	17
279+60.00	64	9
279+80.00	172	0
280+00.00	157	44
280+20.00	40	55
280+40.00	60	21

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
280+40.00	0	0
280+60.00	94	18
280+80.00	664	19
281+00.00	2492	25
281+20.00	4112	19
281+40.00	4498	6
281+60.00	2864	0
281+80.00	1087	0
282+00.00	901	0
282+20.00	784	0
282+40.00	611	0
282+60.00	517	3
282+80.00	663	8
283+00.00	916	19
283+20.00	903	30
283+40.00	662	27
283+60.00	300	28
283+80.00	80	36
284+00.00	31	62
284+20.00	4	86
284+40.00	18	57
284+80.00	66	46
285+00.00	16	114
285+20.00	3	146
285+40.00	9	63
285+60.00	17	42
285+80.00	12	45
286+00.00	3	95
286+20.00	12	104
286+40.00	33	60
286+60.00	48	50
286+80.00	41	45
287+00.00	33	67
287+20.00	29	90
287+40.00	23	52
287+60.00	16	151
287+80.00	8	239
288+00.00	12	251
288+20.00	15	200
288+40.00	14	80
288+60.00	8	85

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
288+80.00	2	153
289+00.00	0	217
289+20.00	0	219
289+40.00	0	219

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
289+40.00	0	0
289+60.00	0	301
289+80.00	0	373
290+00.00	0	286
290+20.00	0	172
290+40.00	0	179
290+60.00	0	178
290+80.00	0	137
291+00.00	1	124
291+20.00	4	125
291+40.00	7	157
291+60.00	7	254
291+80.00	6	584
292+00.00	4	889
292+20.00	3	931
292+40.00	2	927
292+60.00	3	878
292+80.00	2	778
293+00.00	0	526
293+20.00	0	314
293+40.00	0	412
293+60.00	1	425
293+80.00	1	324
294+00.00	1	293
294+20.00	4	246
294+40.00	5	236
294+60.00	3	249
294+80.00	5	255
295+00.00	9	243
295+20.00	12	226
295+40.00	25	138
295+60.00	83	28
295+80.00	205	6
296+00.00	289	6
296+20.00	229	5
296+40.00	141	5
296+60.00	162	5
296+80.00	169	3
297+00.00	87	4
297+20.00	40	10
297+40.00	34	24
297+60.00	23	46
297+80.00	18	117
298+00.00	22	107
298+20.00	21	135

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
298+40.00	27	144

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
298+40.00	0	0
298+60.00	32	91
298+80.00	23	280
299+00.00	19	446
299+20.00	21	449
299+40.00	28	408
299+60.00	29	345
299+80.00	23	227
300+00.00	20	112
300+20.00	25	52
300+40.00	37	14
300+60.00	38	6
300+80.00	24	271
301+00.00	50	268
301+20.00	98	0
301+40.00	87	36
301+60.00	119	36
301+80.00	184	0
302+00.00	218	1
302+20.00	236	8
302+40.00	259	14
302+60.00	444	10
302+80.00	698	11
303+00.00	954	12
303+20.00	1149	7
303+40.00	1189	6
303+60.00	1050	7
303+80.00	770	6
304+00.00	578	5
304+20.00	648	5
304+40.00	944	6
304+60.00	1261	8
304+80.00	2840	12
305+00.00	6319	15
305+20.00	8926	15
305+40.00	9510	10
305+60.00	7396	6
305+80.00	3713	6
306+00.00	1704	6
306+20.00	1198	16
306+40.00	684	38
306+60.00	132	78
306+80.00	36	58
307+00.00	41	5
307+20.00	104	0
307+40.00	179	0

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
307+40.00	0	0
307+60.00	214	0
307+80.00	307	1
308+00.00	257	11
308+20.00	235	19
308+40.00	290	19
308+60.00	275	30
308+80.00	333	37
309+00.00	416	30
309+20.00	496	22
309+40.00	443	14
309+60.00	294	4
309+80.00	144	0
310+00.00	92	1
310+20.00	79	56
310+40.00	45	745
310+60.00	39	1613
310+80.00	30	1067
311+00.00	53	148
311+20.00	116	6
311+40.00	118	5
311+60.00	58	30
311+80.00	40	67
312+00.00	38	89
312+20.00	21	1286
312+40.00	16	2600
312+60.00	11	1473
312+80.00	332	111
313+00.00	543	2
313+20.00	221	264
313+40.00	11	804
313+60.00	8	1043
313+80.00	6	960
314+00.00	7	830
314+20.00	9	599
314+40.00	16	322
314+60.00	119	132
314+80.00	574	45
315+00.00	969	17
315+20.00	966	21
315+40.00	834	24
315+60.00	878	22
315+80.00	1054	17
316+00.00	1151	14
316+20.00	696	7
316+40.00	135	0

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
316+40.00	0	0
316+60.00	66	0
316+80.00	27	181

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
317+00.00	39	181
317+20.00	52	0
317+40.00	28	1
317+60.00	25	1
317+80.00	20	0
318+00.00	21	0
318+20.00	25	0
318+40.00	23	8
318+60.00	30	7
318+80.00	63	0
319+00.00	94	0
319+20.00	76	0
319+40.00	43	0
319+60.00	18	9
319+80.00	20	9
320+00.00	23	0
320+20.00	10	0
320+40.00	7	0
320+60.00	16	0
320+80.00	18	0
321+00.00	11	0
321+20.00	12	0
321+40.00	14	0
321+60.00	13	0
321+80.00	18	0
322+00.00	22	0
322+20.00	26	0
322+40.00	26	0
322+60.00	37	0
322+80.00	59	0
323+00.00	50	0
323+20.00	37	0
323+40.00	44	0
323+60.00	40	0
323+80.00	26	0
324+00.00	9	0
324+20.00	6	0
324+40.00	11	43
324+60.00	21	43
324+80.00	28	0

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
324+80.00	0	0
325+00.00	24	0
325+20.00	27	45
325+40.00	26	45
325+60.00	28	67
325+80.00	31	131
326+00.00	24	129
326+20.00	16	65
326+40.00	17	0

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
326+60.00	21	0
326+80.00	26	0
327+00.00	29	0
327+20.00	16	0
327+40.00	8	1
327+60.00	7	7
327+80.00	9	27
328+00.00	10	51
328+20.00	10	105
328+40.00	12	76
328+60.00	14	14
328+80.00	8	40
329+00.00	7	27
329+20.00	12	0
329+40.00	23	0
329+60.00	43	0
329+80.00	97	0
330+00.00	254	0
330+20.00	304	0
330+40.00	162	0
330+60.00	77	0
330+80.00	62	0
331+00.00	40	0
331+20.00	37	0
331+40.00	56	0
331+60.00	70	0
331+80.00	73	0
332+00.00	49	0
332+20.00	27	0
332+40.00	47	0
332+60.00	60	0
332+80.00	40	0
333+00.00	18	16
333+20.00	5	83
333+40.00	2	119
333+60.00	4	96
333+80.00	8	44

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
333+80.00	0	0
334+00.00	13	0
334+20.00	18	22
334+40.00	21	27
334+60.00	25	35
334+80.00	53	30
335+00.00	89	0
335+20.00	108	0
335+40.00	108	0
335+60.00	92	0
335+80.00	94	0
336+00.00	102	0

PROJ. REFERENCE NO.	SHEET NO.
R-2519A	X-1E

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

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NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
336+20.00	88	0
336+40.00	62	0
336+60.00	37	0
336+80.00	29	0
337+00.00	28	0
337+20.00	28	0
337+40.00	31	0
337+60.00	30	0
337+80.00	27	0
338+00.00	27	0
338+20.00	29	0
338+40.00	42	0
338+60.00	62	0
338+80.00	59	0
339+00.00	59	0
339+20.00	52	0
339+40.00	32	2
339+60.00	34	2
339+80.00	34	0
340+00.00	29	0
340+20.00	28	0
340+40.00	27	0
340+60.00	25	0
340+80.00	23	0
341+00.00	25	0
341+20.00	25	0
341+40.00	24	0
341+60.00	24	0
341+80.00	24	0
342+00.00	22	0
342+20.00	19	0
342+40.00	57	0
342+60.00	80	0
342+80.00	42	0

Station L	Uncl. Exc. (cu. meters)	Embt (cu. meters)
342+80.00	0	0
343+00.00	49	224
343+20.00	268	322
343+40.00	780	113
343+60.00	1710	28
343+80.00	2439	54
344+00.00	1366	44
344+20.00	86	193
344+40.00	2	480
344+60.00	2	290
344+80.00	7	1
345+00.00	31	0
345+20.00	70	0
345+40.00	116	0
345+60.00	147	0

Station Y2	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+20.00	2	64
10+40.00	157	159
10+60.00	206	59
10+80.00	103	29

Station Y3	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+47.00	0	0
10+60.00	51	3
10+80.00	235	39
11+00.00	297	153
11+20.00	310	257
11+40.00	345	191
11+58.52	162	48

Station Y4	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+10.177	0	0
10+20.00	7	202
10+40.00	28	426
10+60.00	143	147
10+80.00	291	292
11+00.00	295	299
11+20.00	166	275
11+34.000	22	95

Station Y5	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+17.709	0	0
10+20.00	0	4
10+40.00	20	52
10+60.00	133	26
10+80.00	134	6
10+95.923	17	1

Station Y5	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+15.907	0	0
11+20.00	26	25
11+40.00	138	145
11+60.00	82	29
11+80.00	120	21
11+93.760	33	10

Station Y6	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+60.00	8	10
10+80.00	37	39

Station Y6	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+00.00	58	32
11+20.00	74	123

Station Y7	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+09.883	0	0
10+20.00	11	84
10+40.00	24	167
10+42.000	0	0

Station Y8	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+32.155	0	0
10+40.00	49	0
10+60.264	125	0

Station Y9	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+24.000	0	0
11+40.00	0	17
11+60.00	1	93
11+68.066	0	29

Station Y10	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+06.46	0	0
10+20.00	4	34
10+40.00	7	180
10+59.12	0	123

Station Y10	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+81.191	0	0
11+00.00	0	58
11+20.00	87	151
11+40.00	87	24
11+40.912	0	0

Station Y11	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+26.868	0	0
10+40.00	9	7
10+58.037	13	20

Station Y11	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+80.125	0	0
11+00.00	20	4
11+20.00	80	6
11+38.355	55	2

Station Y12	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+19.000	0	0
10+20.00	0	0
10+40.00	1	20
10+55.694	0	15

Station Y12	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+78.90	0	0
11+00.00	104	13
11+15.000	74	9

Station Y13	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+11.026	0	0
10+20.00	1	19
10+30.377	1	22

Station Y14	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+31.355	0	0
10+40.00	32	21
10+48.791	32	21

Station Y16	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+11.414	0	0
10+20.00	1081	0
10+40.00	4212	0
10+60.00	2206	11
10+80.00	810	16
10+90.198	154	2

Station Y17	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+25.000	0	0
10+40.00	14	57
10+60.00	71	109
10+80.00	93	42
11+00.00	60	15
11+20.00	21	140
11+40.00	2	336
11+47.744	0	78

Station Y17	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+69.832	0	0
11+80.00	10	5
12+00.00	37	26
12+20.00	19	65
12+40.00	1	127
12+60.00	15	128
12+80.00	49	58
13+00.00	61	28
13+20.00	37	27
13+40.00	11	9

Station	Uncl. Exc. (cu. meters)	Embt (cu. meters)

Station Y18	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+11.034	0	0
10+20.00	20	59
10+31.000	25	72

Station Y19	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+25.000	0	0
10+40.00	30	1
10+60.00	88	2
10+80.00	107	0
11+00.00	115	0
11+20.00	157	0
11+40.00	151	1
11+60.00	92	7
11+80.00	44	28
12+00.00	3	115
12+19.754	0	93

Station Y20	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+11.029	0	0
10+20.00	0	65
10+40.00	10	301
10+60.00	31	180
10+72.980	14	7

Station Y21	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+80.00	21	4
11+00.00	65	16
11+20.00	103	28
11+40.00	91	49
11+60.00	25	74
11+80.00	40	47
12+00.00	45	15
12+20.00	12	78

Station Y22	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+20.00	54	4
10+40.00	81	13
10+60.00	14	118

Station Y23	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+37.00	0	0
10+40.00	2	0
10+60.00	47	9
10+77.41	27	5

Station Y24	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+30.144	0	0
10+40.00	37	2
10+60.00	116	54
10+80.00	42	125
11+00.00	0	275
11+20.00	0	466
11+40.00	0	833
11+52.962	0	367

Station Y24A	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+20.00	105	22
10+40.00	151	16

PROJ. REFERENCE NO.	SHEET NO.
R-2519A	X-1F

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

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

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station Y25	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+09.869	0	0
10+20.00	23	1
10+40.00	66	12
10+60.00	39	9
10+69.019	8	0

Station Y26	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+26.848	0	0
10+40.00	0	51
10+60.00	1	264
10+80.00	0	433
11+00.00	2	457
11+17.687	2	185

Station Y26	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+38.531	0	0
11+40.00	2	3
11+60.00	148	65
11+80.00	196	50
12+00.00	125	33
12+20.00	81	24
12+40.00	103	18
12+60.00	107	14
12+63.347	6	1

Station Y27	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+09.917	0	0
10+20.00	53	321
10+40.00	321	712
10+60.00	617	158
10+69.550	192	39

Station Y29	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+00.00	0	0
11+20.00	7	122
11+31.399	0	68

Station Y30	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+28.278	0	0
10+40.00	1421	18
10+60.00	4479	110
10+80.00	4121	117
11+00.00	2741	249

Station Y30	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+07.189	262	76

Station Y31	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+09.841	0	0
10+20.00	1	10
10+40.00	3	93
10+58.994	1	70

Station Y32	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.00	0	0
10+20.00	1269	124
10+40.00	799	295
10+59.314	250	199

Station Y33	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+15.00	0	0
10+20.00	20	1
10+40.00	88	78
10+60.00	10	423
10+70.08	0	175

Station Y34	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+10.082	9	3
10+20.00	18	5
10+40.00	27	222
10+60.00	10	235
10+80.00	37	19
10+89.563	17	0

Station Y35	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+64.255	0	0
10+80.00	357	0
11+00.00	730	35
11+15.981	226	28

Station Y36	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+09.826	0	0
10+20.00	20	15
10+40.00	84	334
10+60.00	218	465
10+80.00	689	384

Station Y36	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+00.00	1686	235
11+20.00	1783	37
11+39.000	582	17

Station D1	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+11.17	0	0
10+20.00	0	465
10+40.00	0	1385
10+56.000	7	266

Station D2	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+10.00	0	0
10+20.00	30	0
10+40.00	359	0
10+60.00	336	0
11+00.00	123	0
11+20.00	37	5
11+40.00	42	5
11+56.167	24	0

Station D3	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+14.63	0	0
10+20.00	0	22
10+40.00	48	82
10+42.00	5	0

Station D4REV	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+13.35	0	0
10+15.00	0	7
10+25.00	0	58
10+35.00	17	16

Station D5	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+14.63	0	0
10+20.00	0	28
10+30.00	0	71
10+40.00	0	23
10+50.00	11	4

Station D6	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+11.03	0	0
10+20.00	66	0
10+40.00	164	0
10+42.00	2	0

Station D8	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+48.83	0	0
10+58.00	48	0

Station D9	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+11.03	0	0
10+20.00	45	8
10+40.00	268	17
10+45.00	42	0

Station D10	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+10.00	0	0
10+15.75	70	0
10+20.00	45	0
10+30.00	85	0
10+37.55	19	1
10+42.52	1	0

Station D11	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+15.00	0	0
10+20.00	28	0
10+40.00	1303	0
10+60.00	2626	0
10+73.07	938	0

Station D12	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+06.30	0	0
10+20.00	387	0
10+40.00	3044	0
10+60.02	2482	0

Station D13REV	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+40.00	0	0
10+60.00	1932	2
10+80.00	2823	0
11+00.00	3405	0

Station D13REV	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+20.00	3906	0
11+40.00	4517	0
11+60.00	4744	0

Station D14REV	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+28.00	0	0
10+40.00	57	0
10+60.00	3885	1
10+80.00	6942	0
11+00.00	6434	0
11+20.00	6190	0
11+40.00	5513	0
11+60.00	4686	0
11+80.00	4580	0
12+00.00	5564	0
12+05.83	894	0

Station D15REV	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.00	0	0
10+20.00	0	25
10+40.00	2456	25
10+60.00	9642	0

Station D16	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+09.83	0	0
10+15.00	0	26
10+30.00	0	92
10+45.00	0	15

Station D17	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+05.40	0	0
10+20.00	5	1
10+40.00	19	2
10+60.00	22	2
10+80.00	19	3
11+00.00	12	5
11+20.00	59	6
11+40.00	82	47
11+60.00	54	79
11+80.00	73	36
11+95.00	32	1

Station D18	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+10.13	0	0
10+20.00	6	0
10+24.14	3	0

Station D22	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+04.42	0	0
10+20.00	0	2
10+40.00	9	3
10+60.00	12	1
10+71.14	2	0

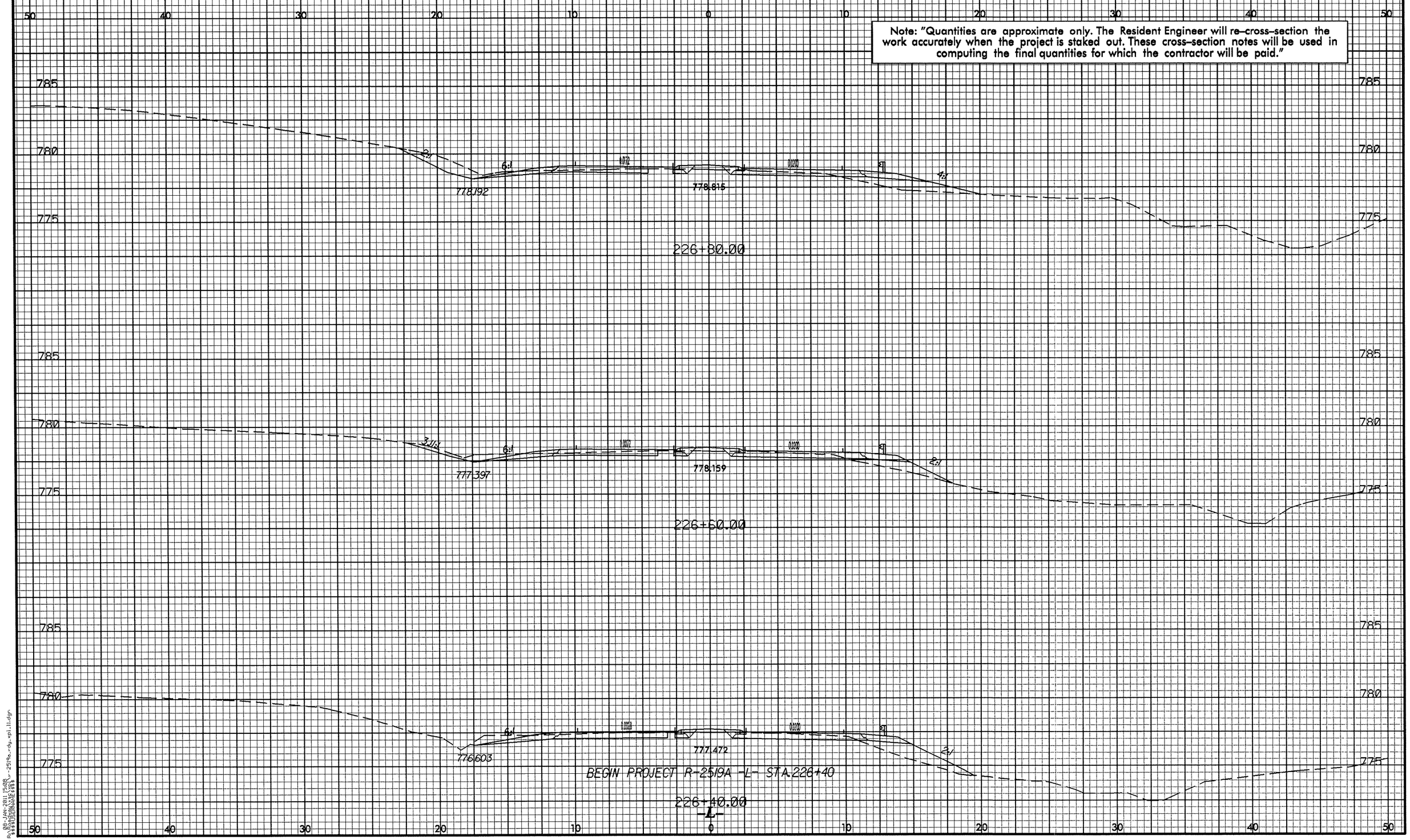
Station D23	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+11.025	0	0
10+20.00	0	11
10+30.00	0	107
10+40.00	0	396
10+54.95	0	451

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-1

2.5 0 2.5 5

METRIC

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



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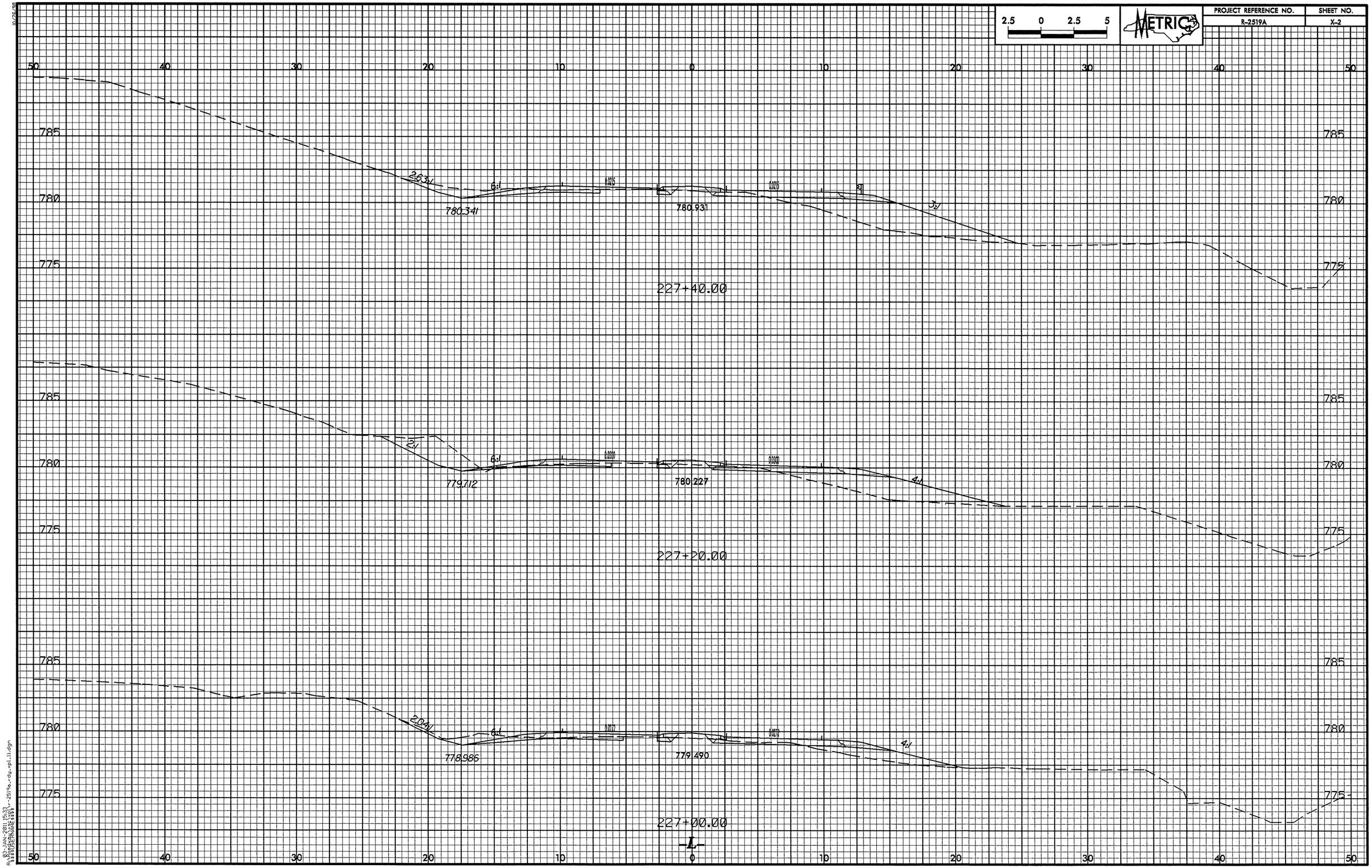
PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-2



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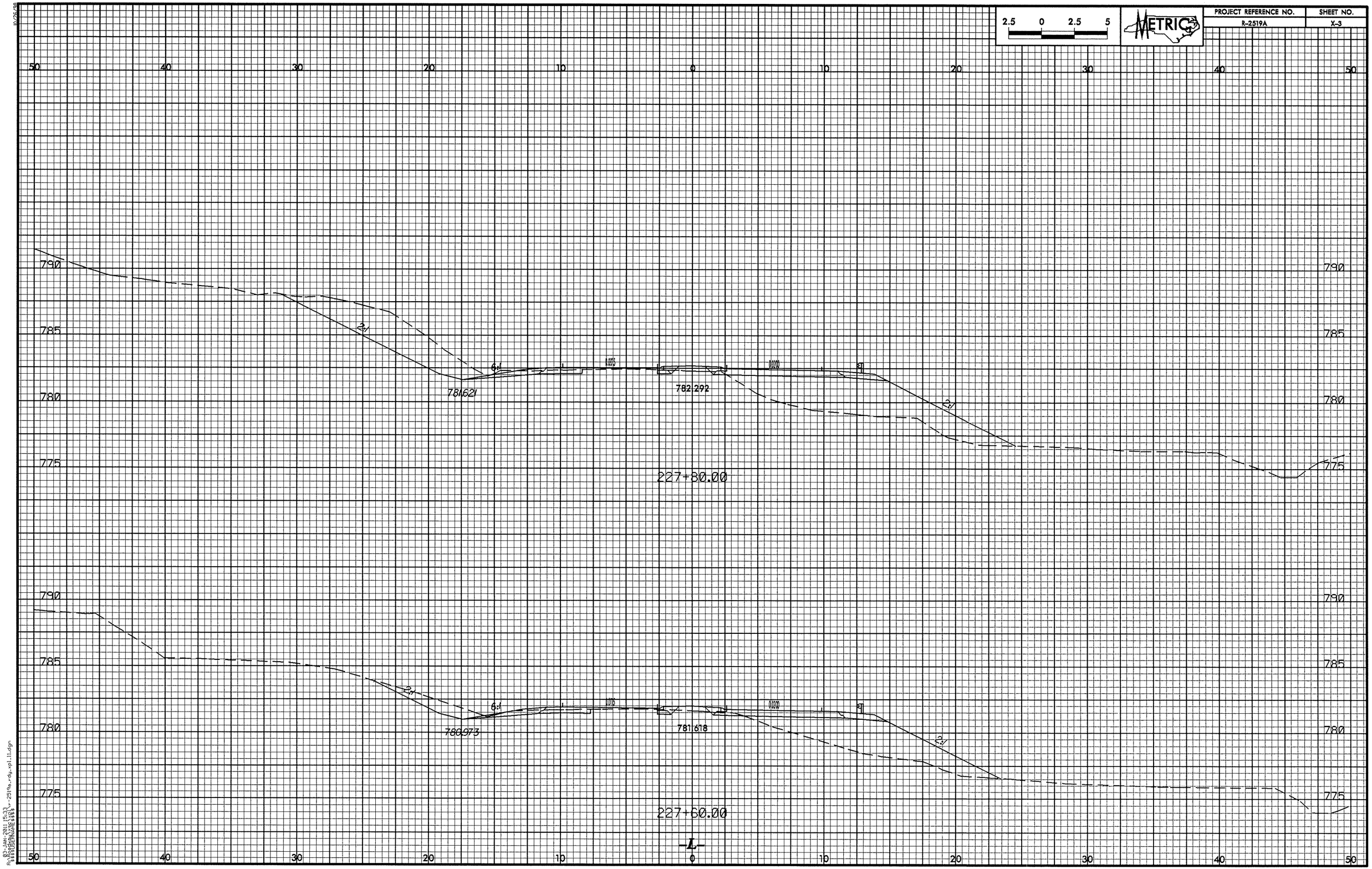

2.5 0 2.5 5
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R-2519A
SHEET NO.
X-3
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790
785
780
775
2:1
6:1
781.621
782.292
227+80.00
780.973
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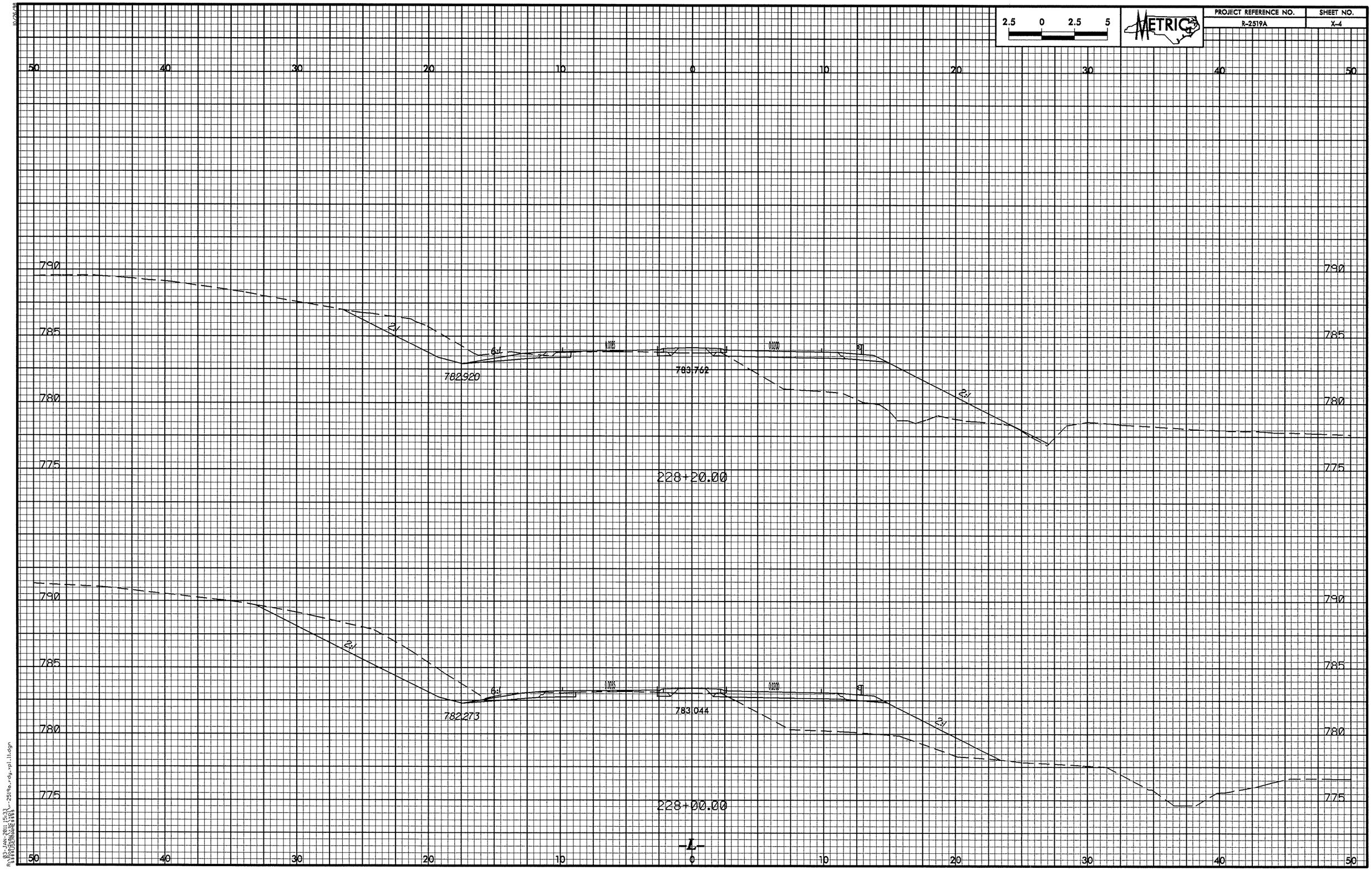
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-4

2.5 0 2.5 5

METRIC



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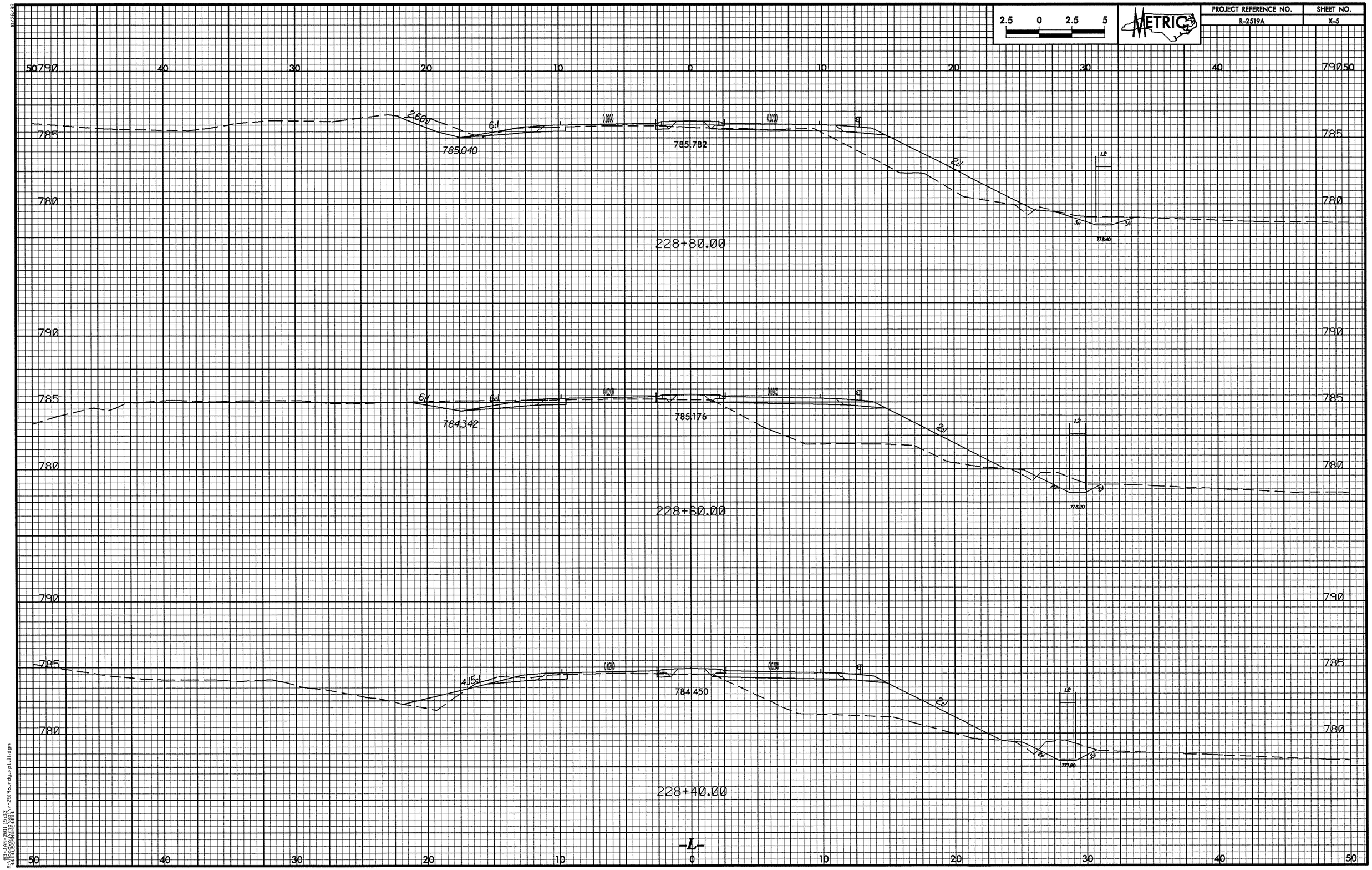

2.5 0 2.5 5
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R-2519A
SHEET NO.
X-5
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780
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785.040
785.782
2:1
1:2
778.40
228+80.00
6:1
6:1
784.342
785.176
2:1
1:2
778.20
228+60.00
4.15:1
784.450
2:1
1:2
777.90
228+40.00
-L-
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20
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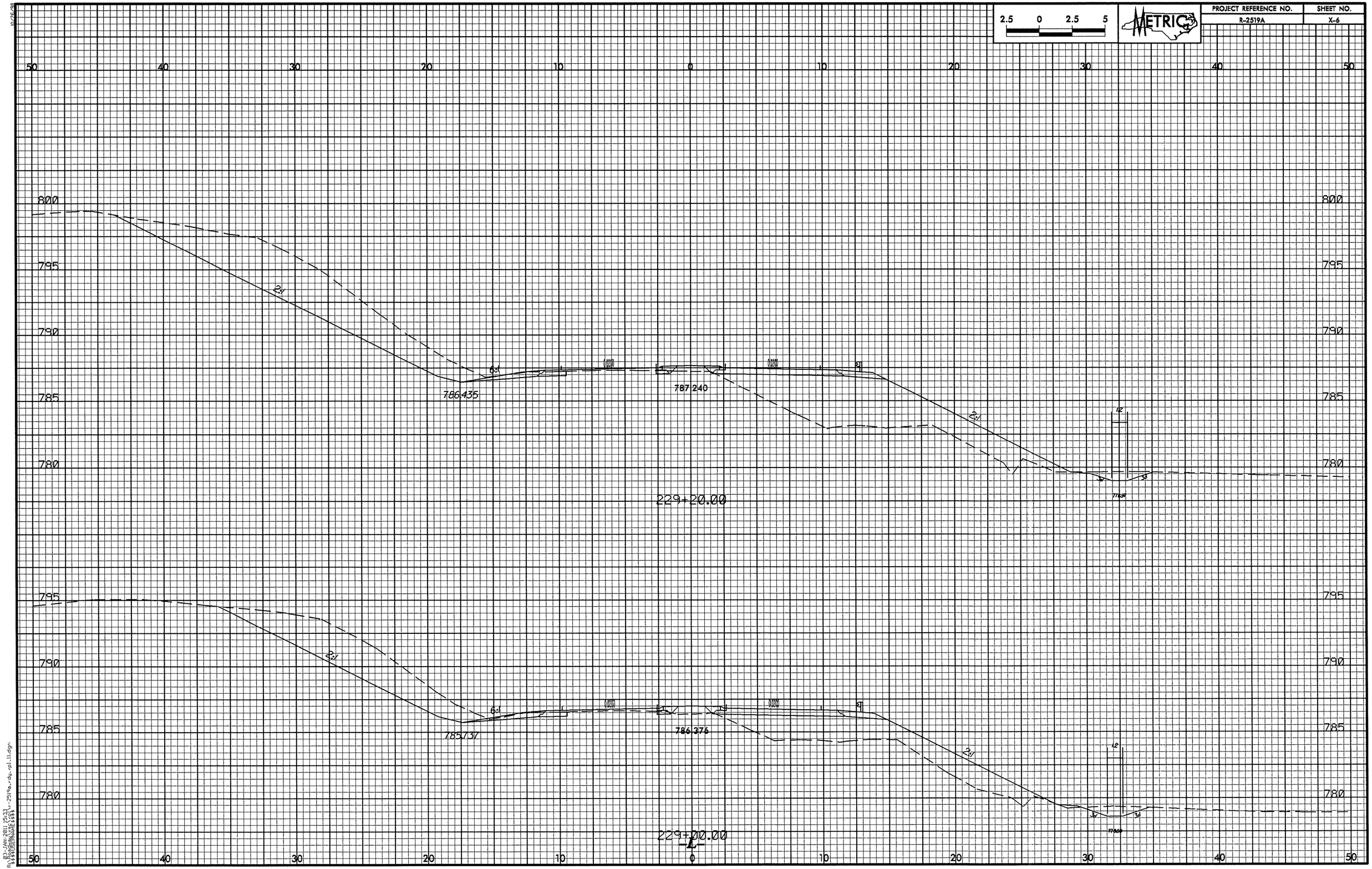
10
20
30
40
50



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PROJECT REFERENCE NO.
R-2519A
SHEET NO.
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795
790
785
780
2:1
6:1
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787.240
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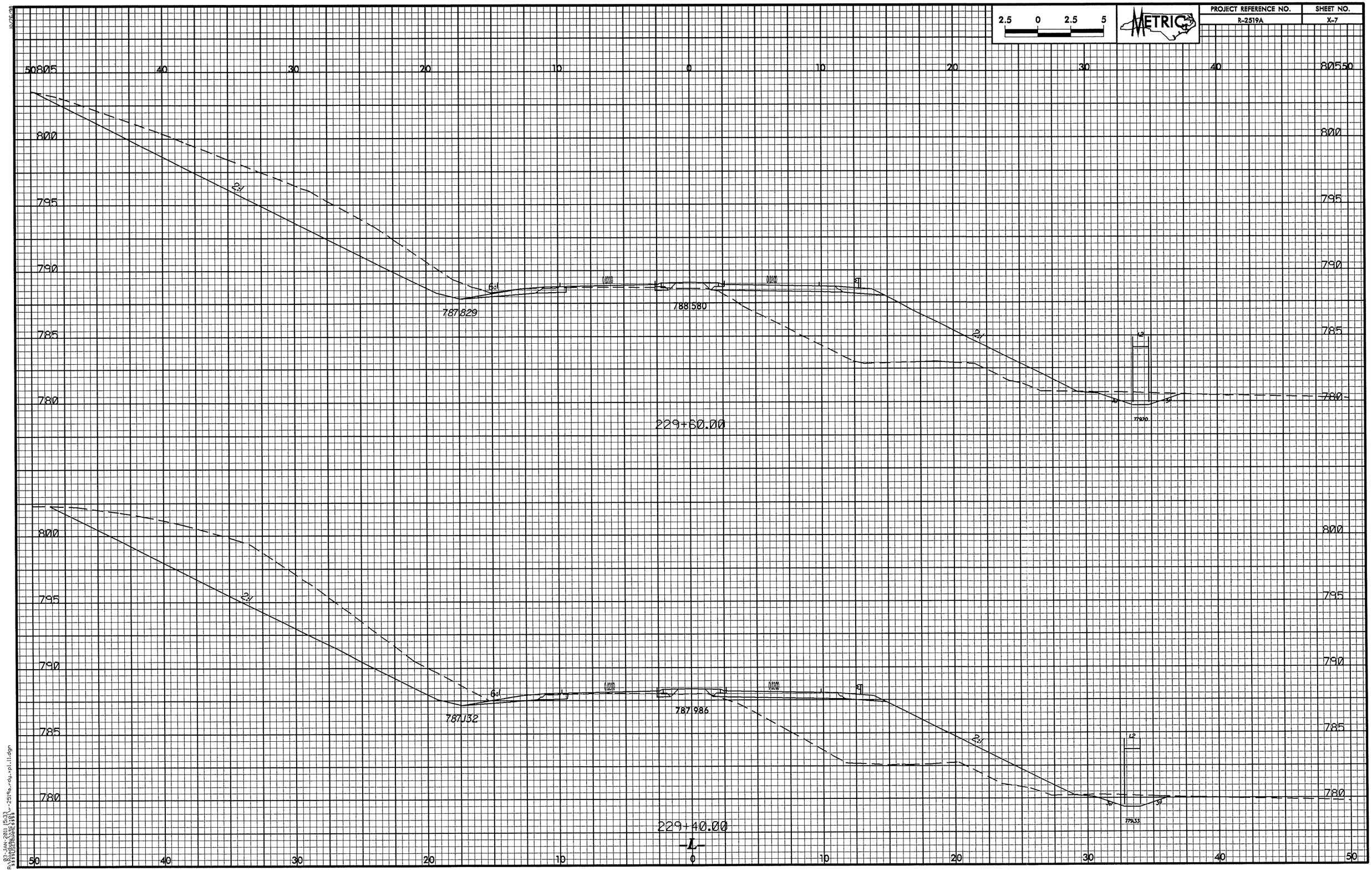
785.737
786.376
229+00.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-7



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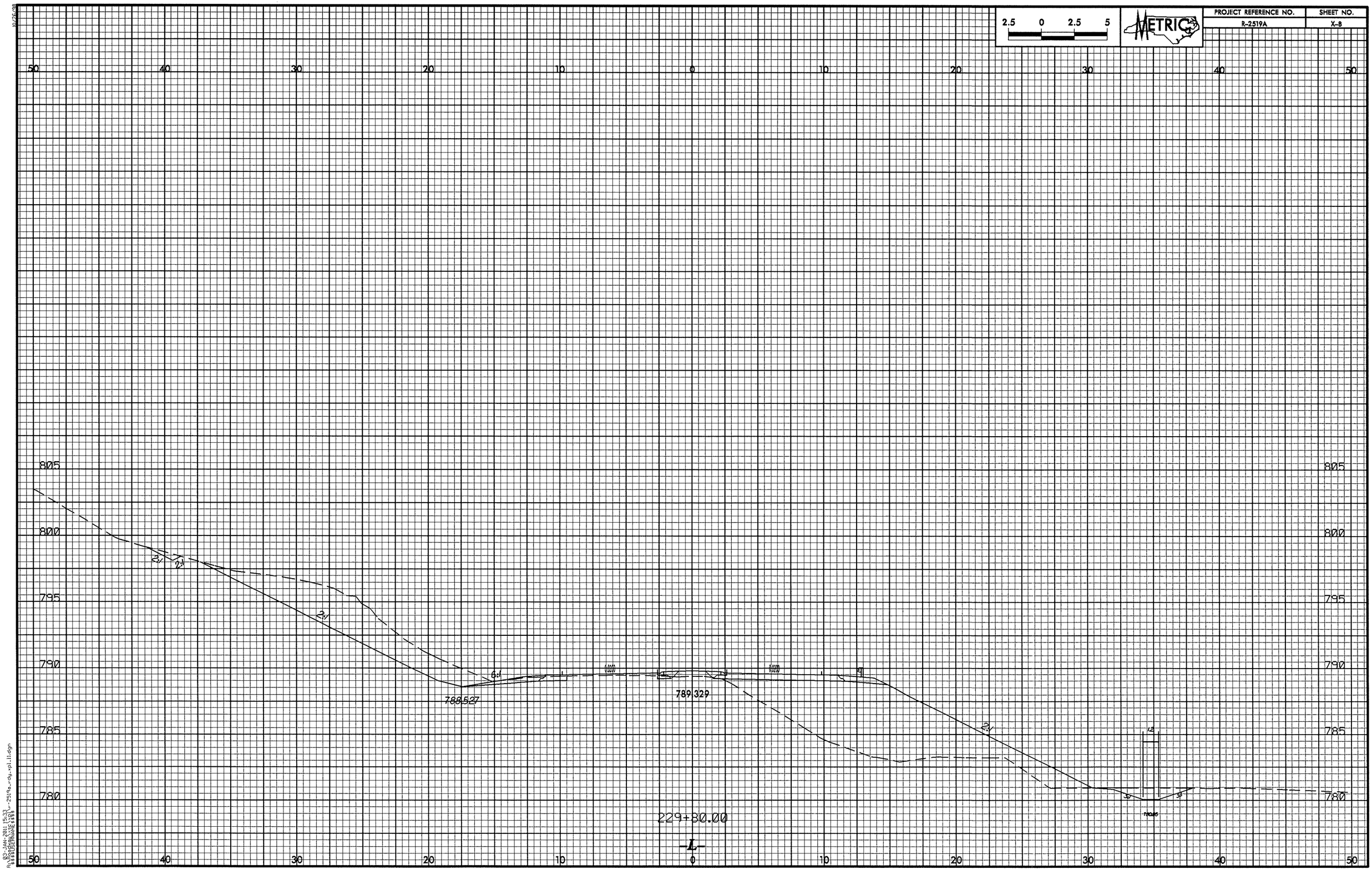

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METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-8
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800
795
790
785
780
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6:1
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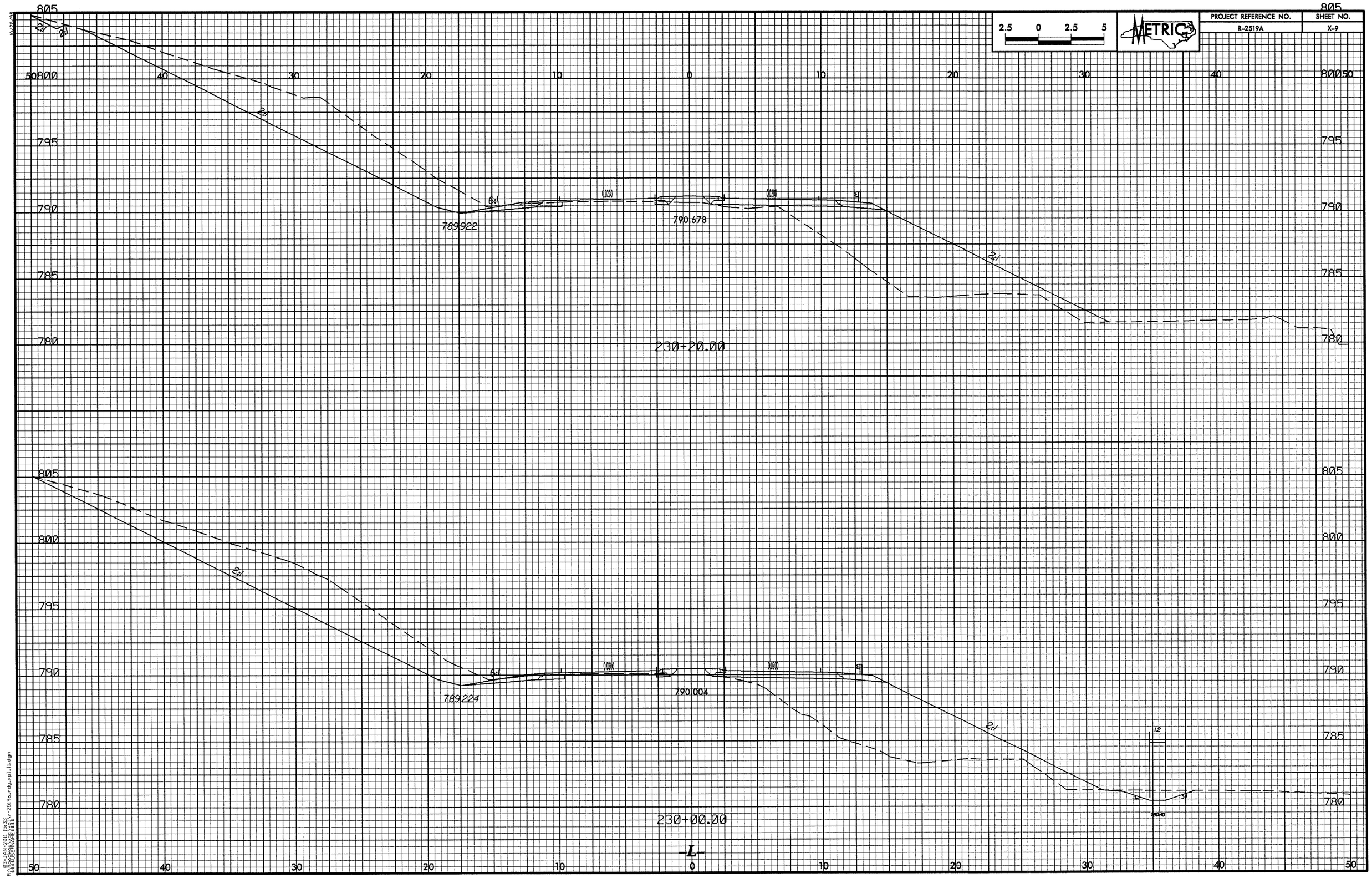
789.329
229+80.00
-L-



PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-9
METRIC
2.5 0 2.5 5
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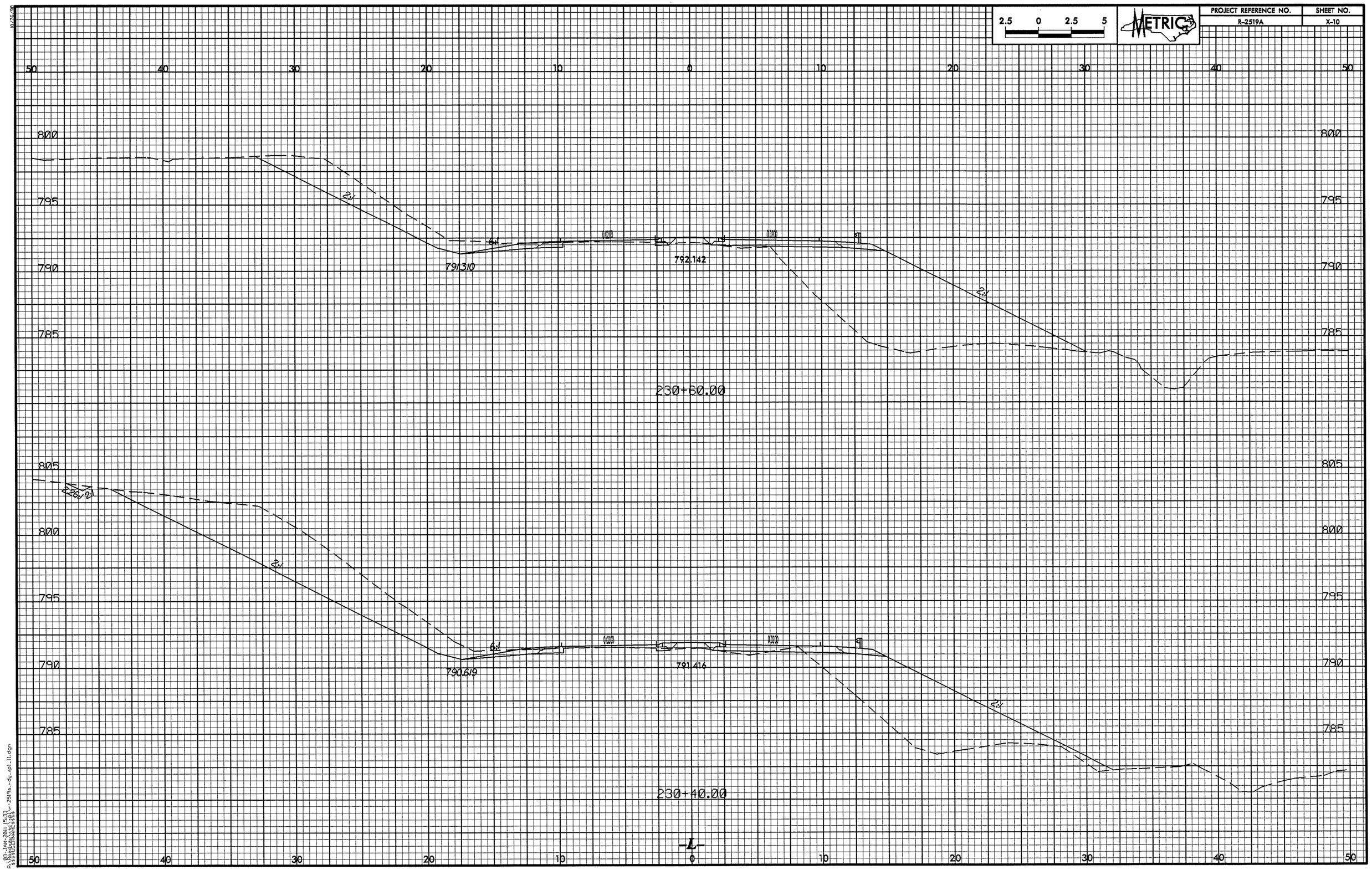
800
795
790
785
780
50
40
30
20
10
0
10
20
30
40
50
2:1
6:1
789922
790 678
230+20.00
789224
790 004
230+00.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-10
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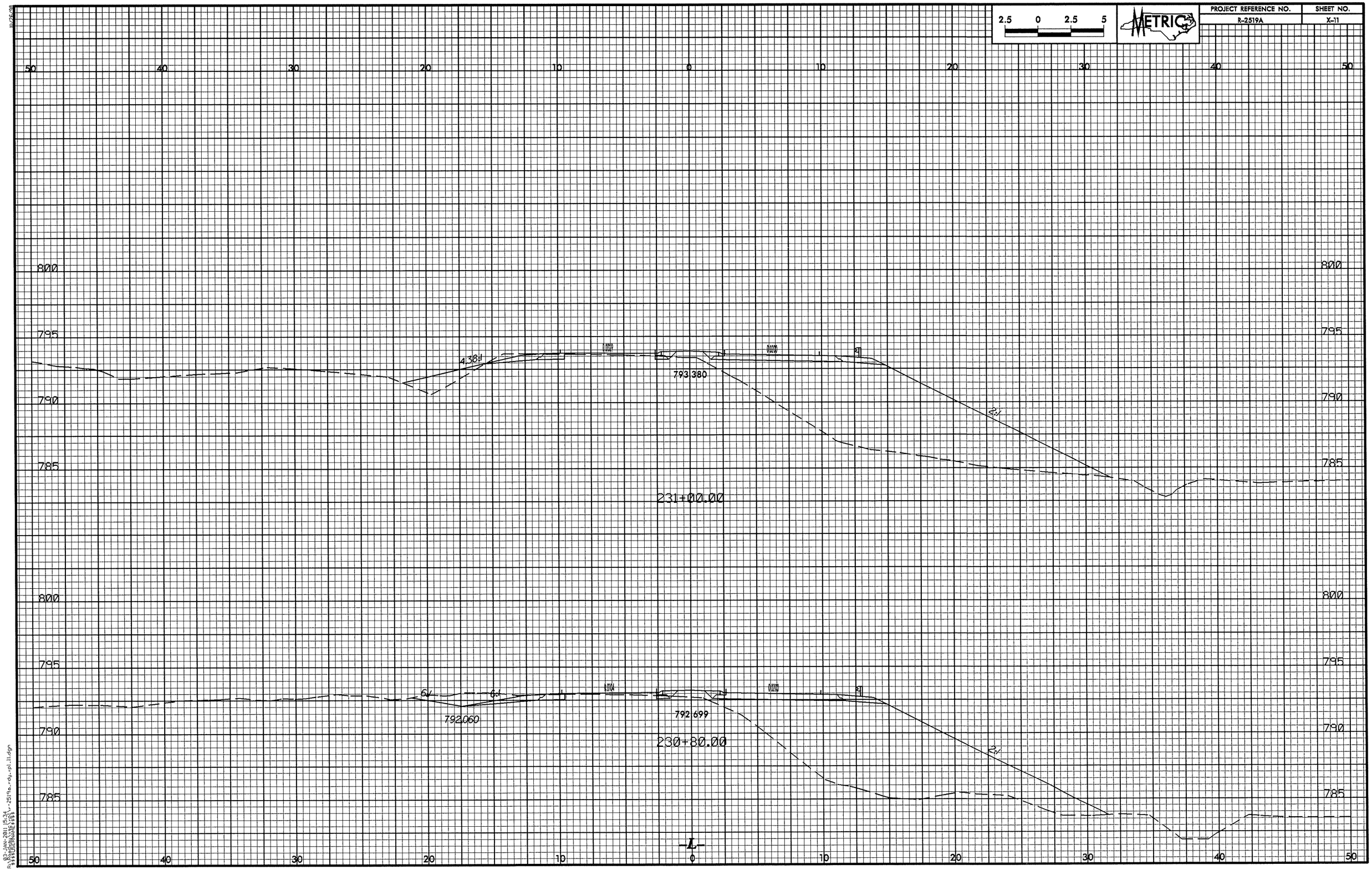
795
790
785
2:1
6:1
791.310
792.142
230+60.00
805
800
795
790
785
2:1
6:1
790.619
791.416
230+40.00
-L-



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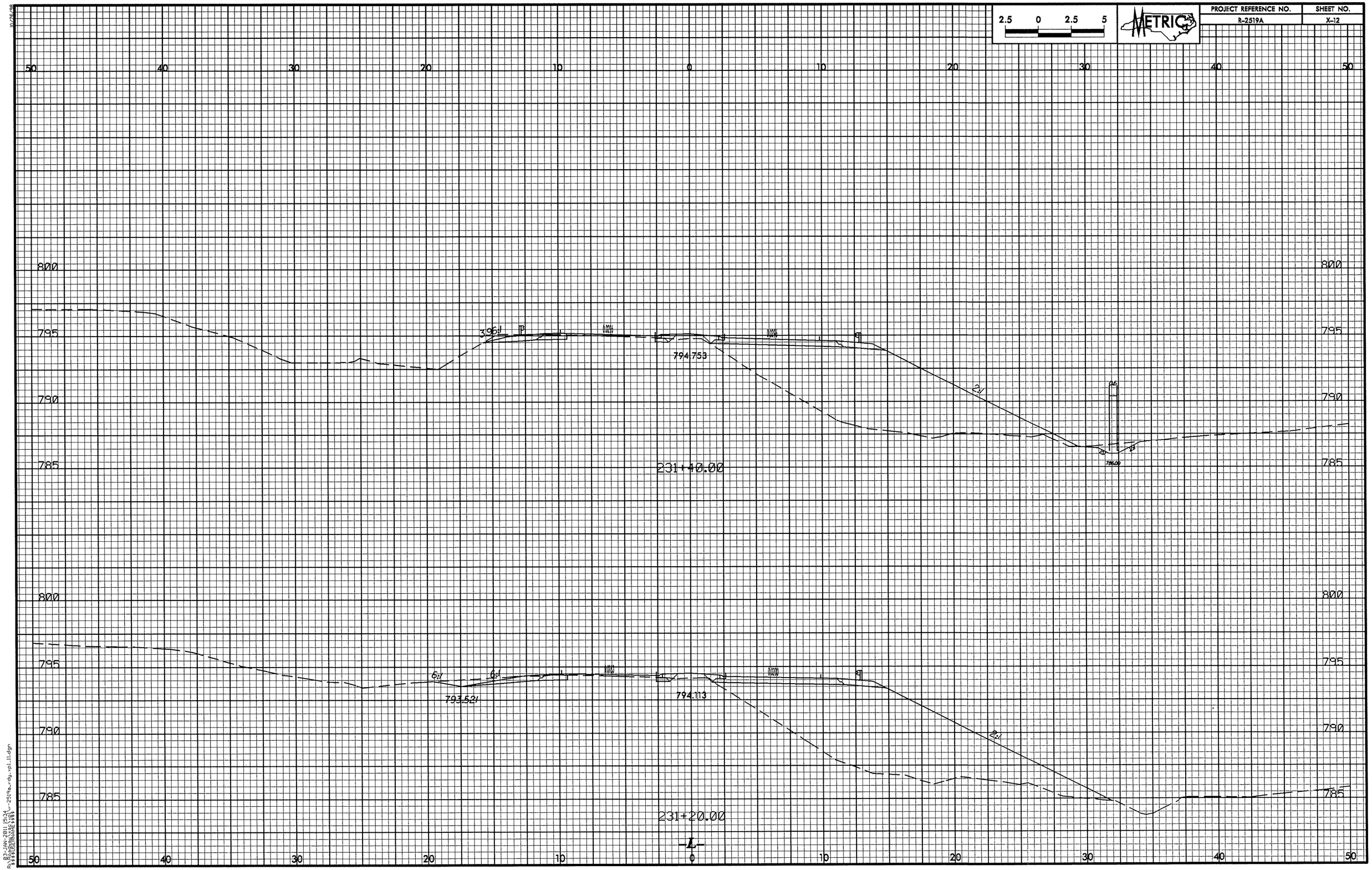
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METRIC
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R-2519A
SHEET NO.
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795
790
785
3.96:1
794.753
3:1
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786.00
231+40.00
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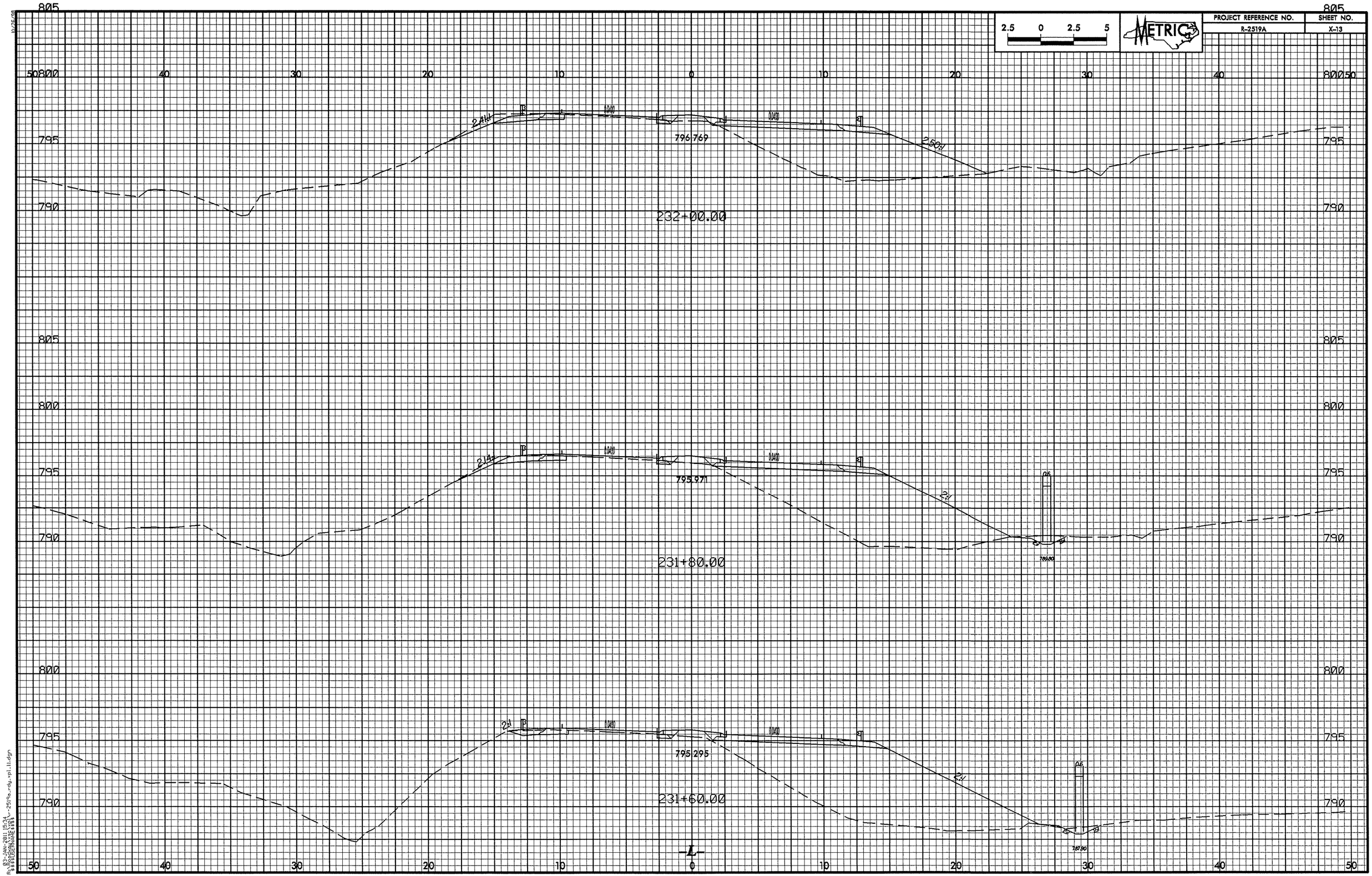
2:1
231+20.00
-L-



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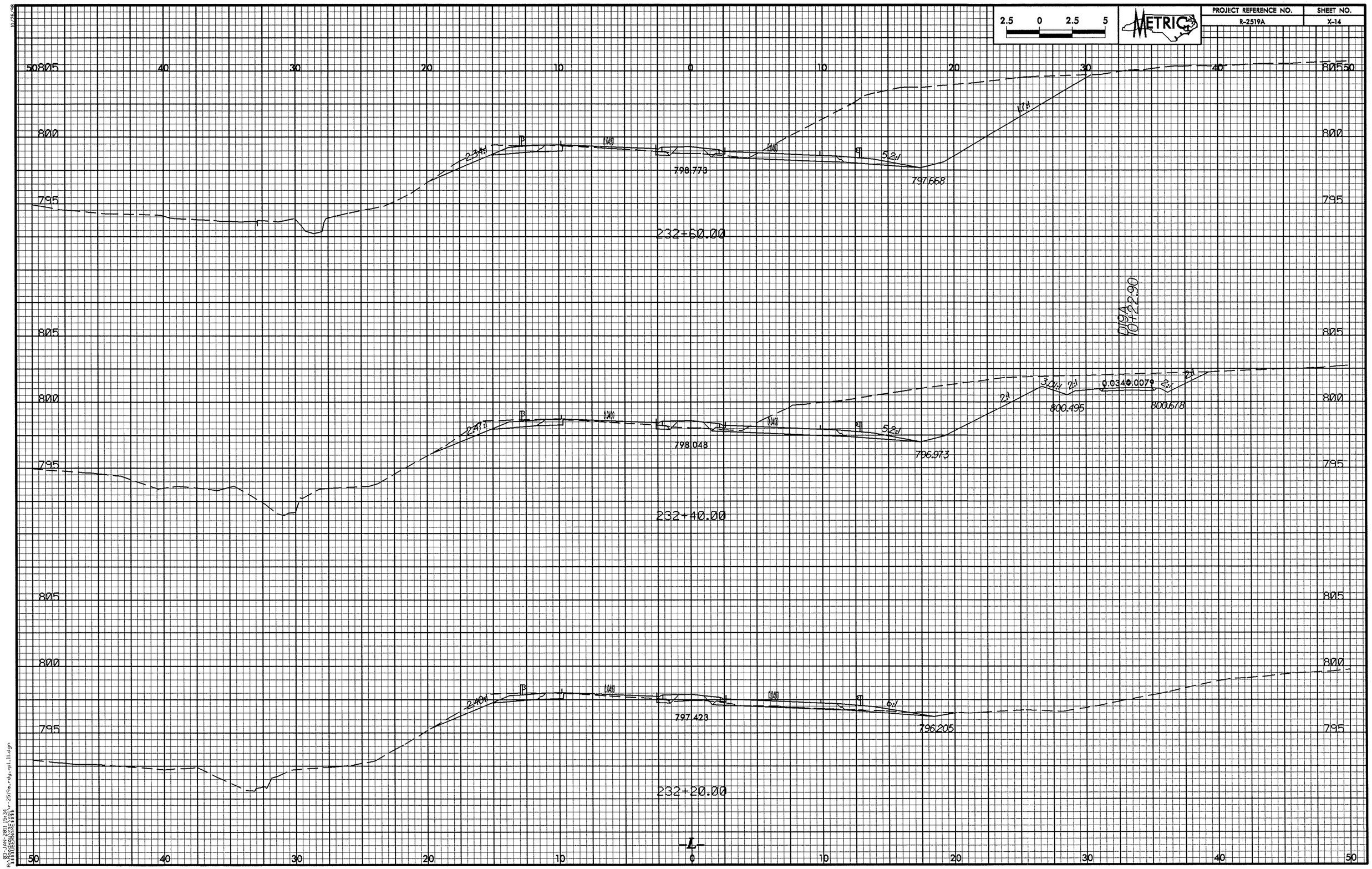
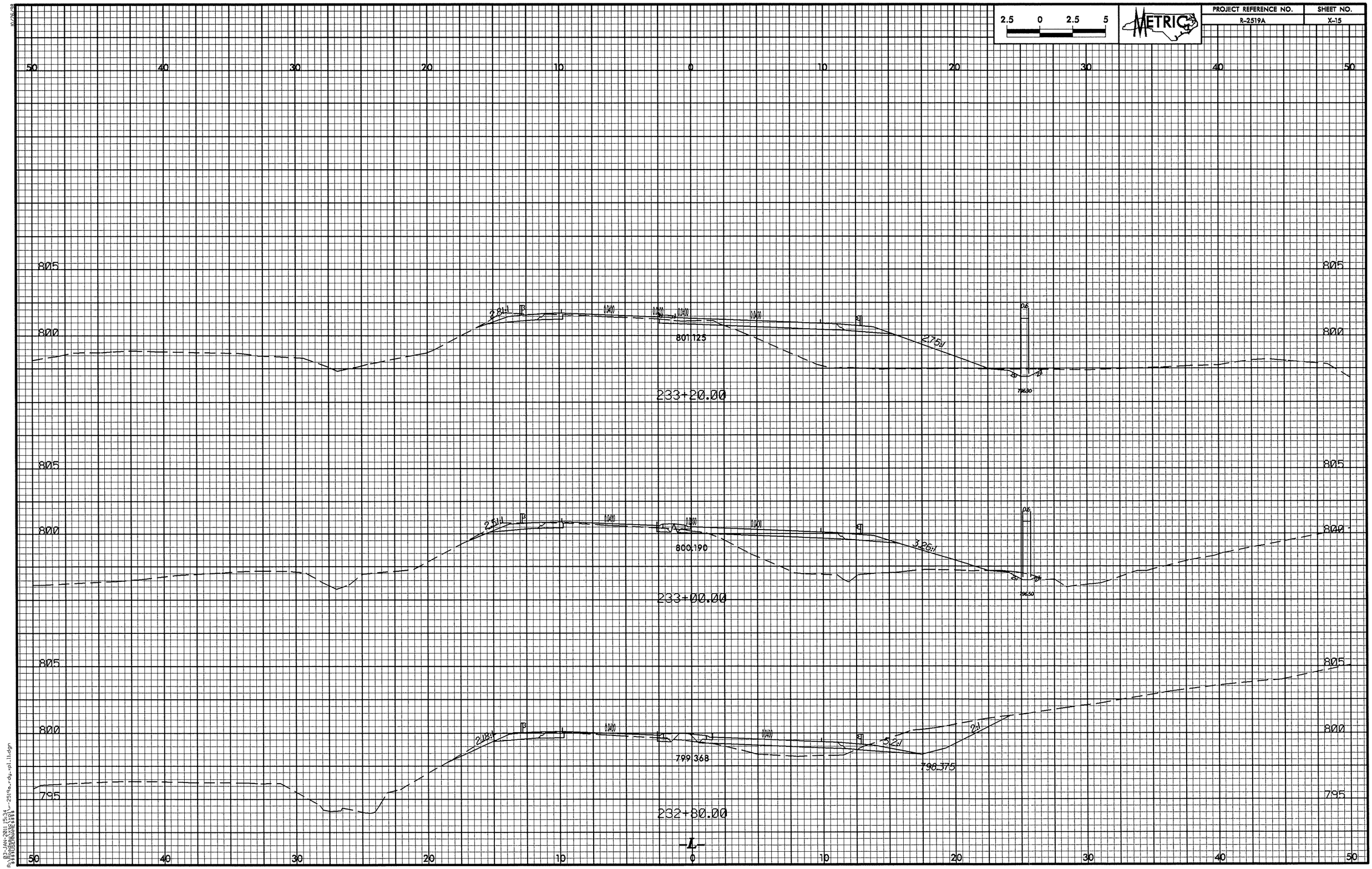
PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-14





2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-15
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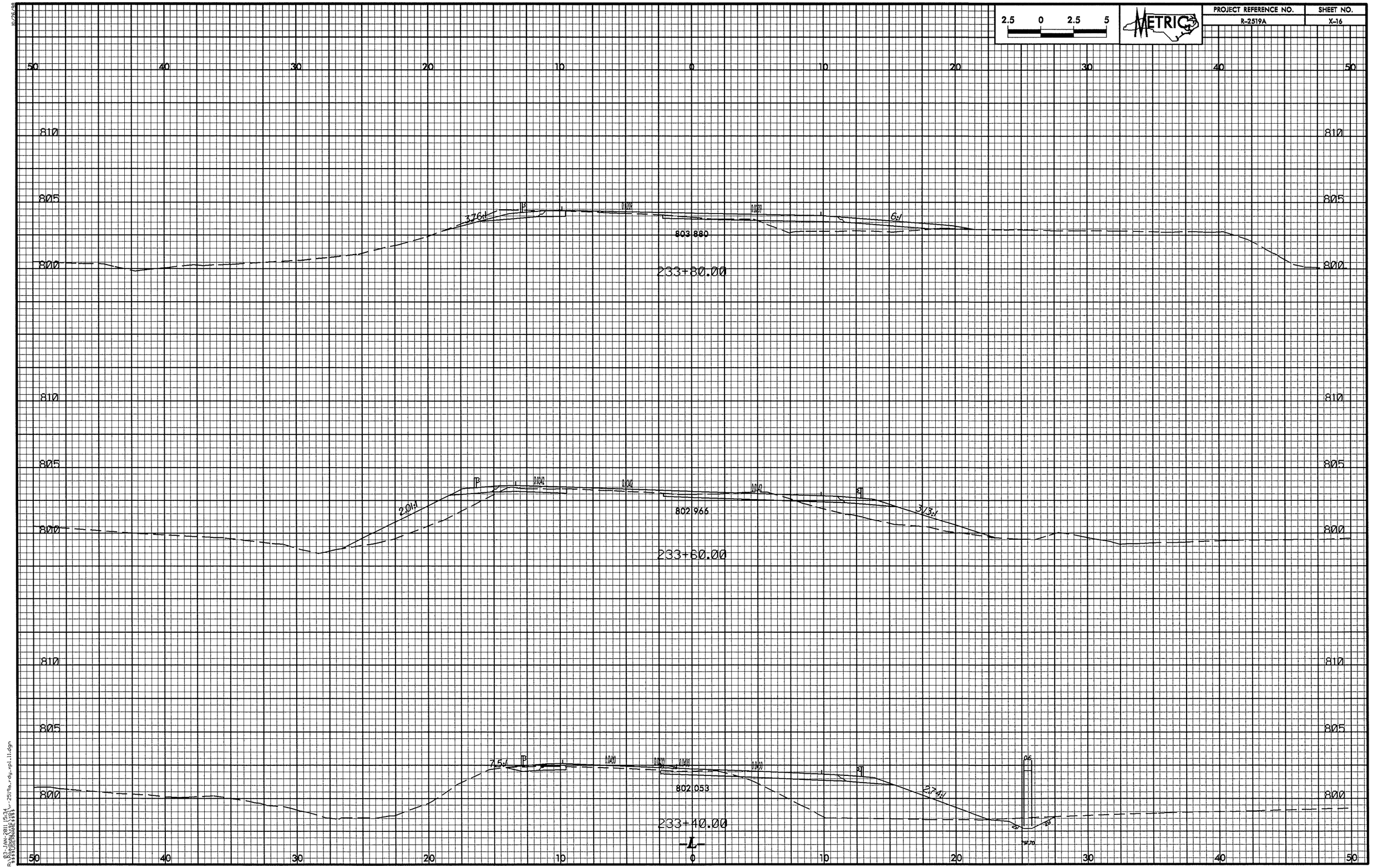
801.125
2.75:1
233+20.00
2.51:1
800.190
3.26:1
233+00.00
2.18:1
799.368
5.2:1
2:1
798.375
232+80.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-16
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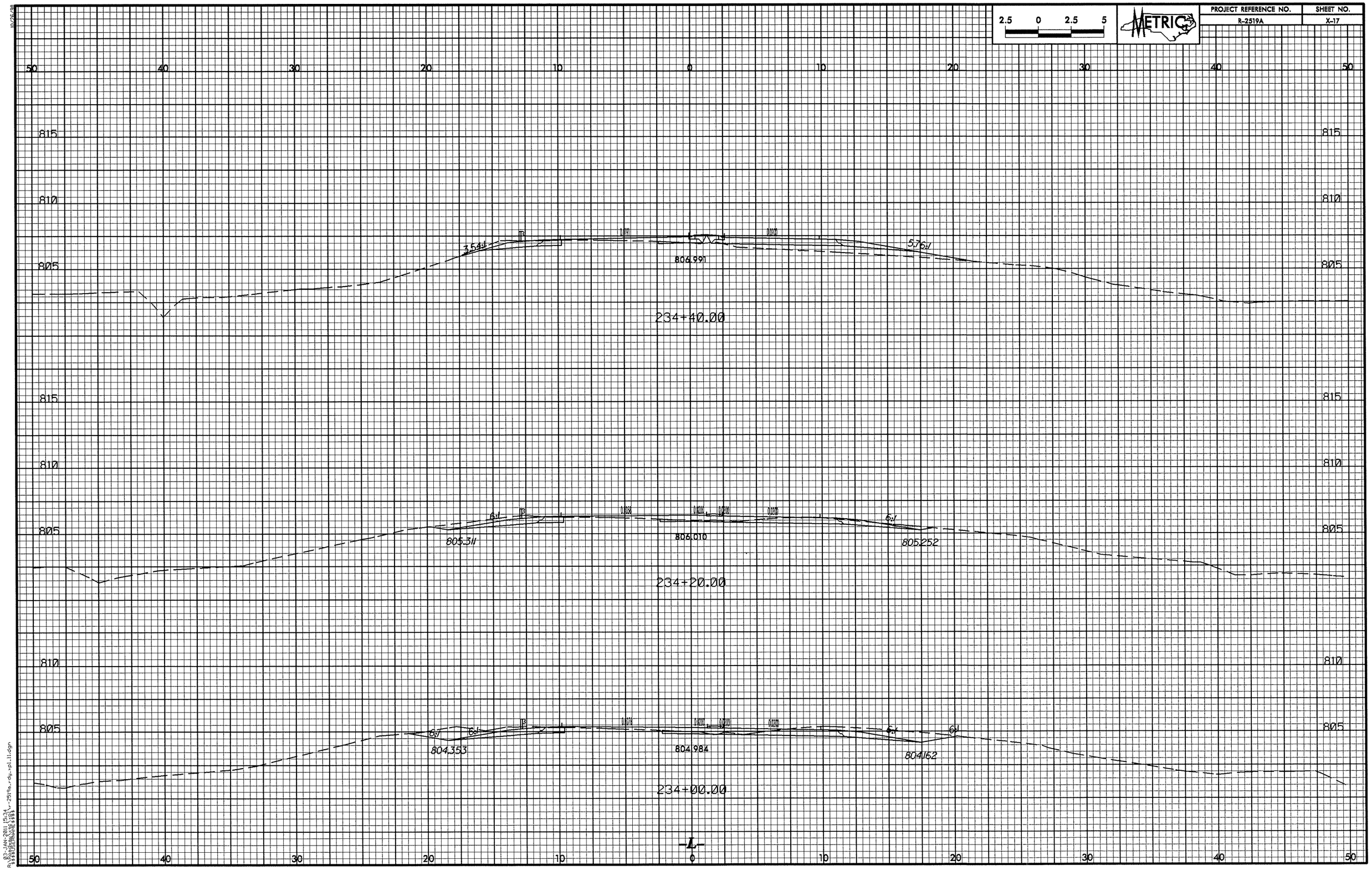
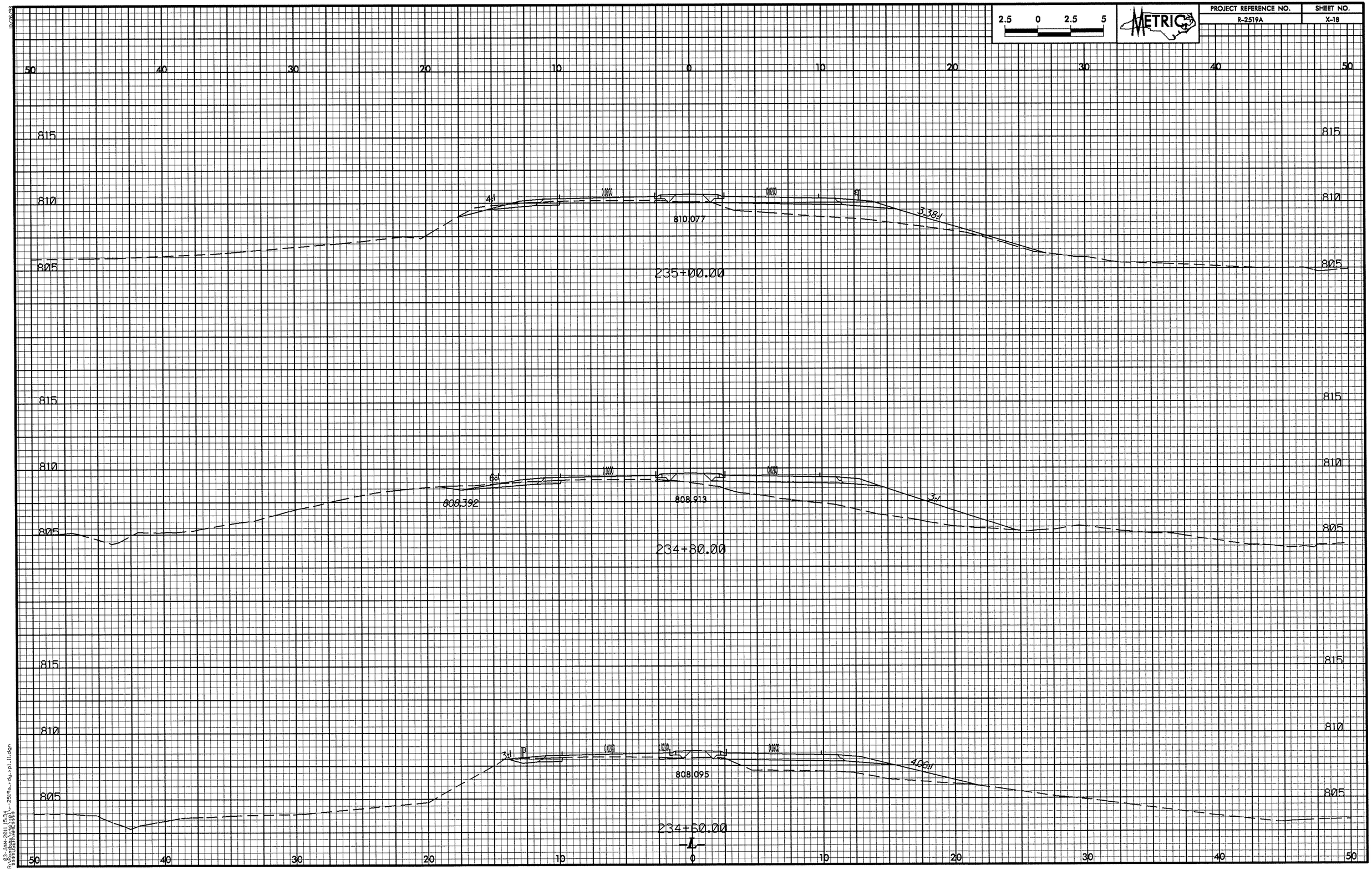
805
800
3.76:1
6:1
803.880
233+80.00
2.01:1
3.13:1
802.966
233+60.00
7.5:1
2.74:1
802.053
233+40.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-17
50 40 30 20 10 0 10 20 30 40 50
815
810
805
3.54:1
5.76:1
806.991
234+40.00
6:1
805.311
806.010
805.252
234+20.00
804.353
804.984
804.162
234+00.00
-L-



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PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-18
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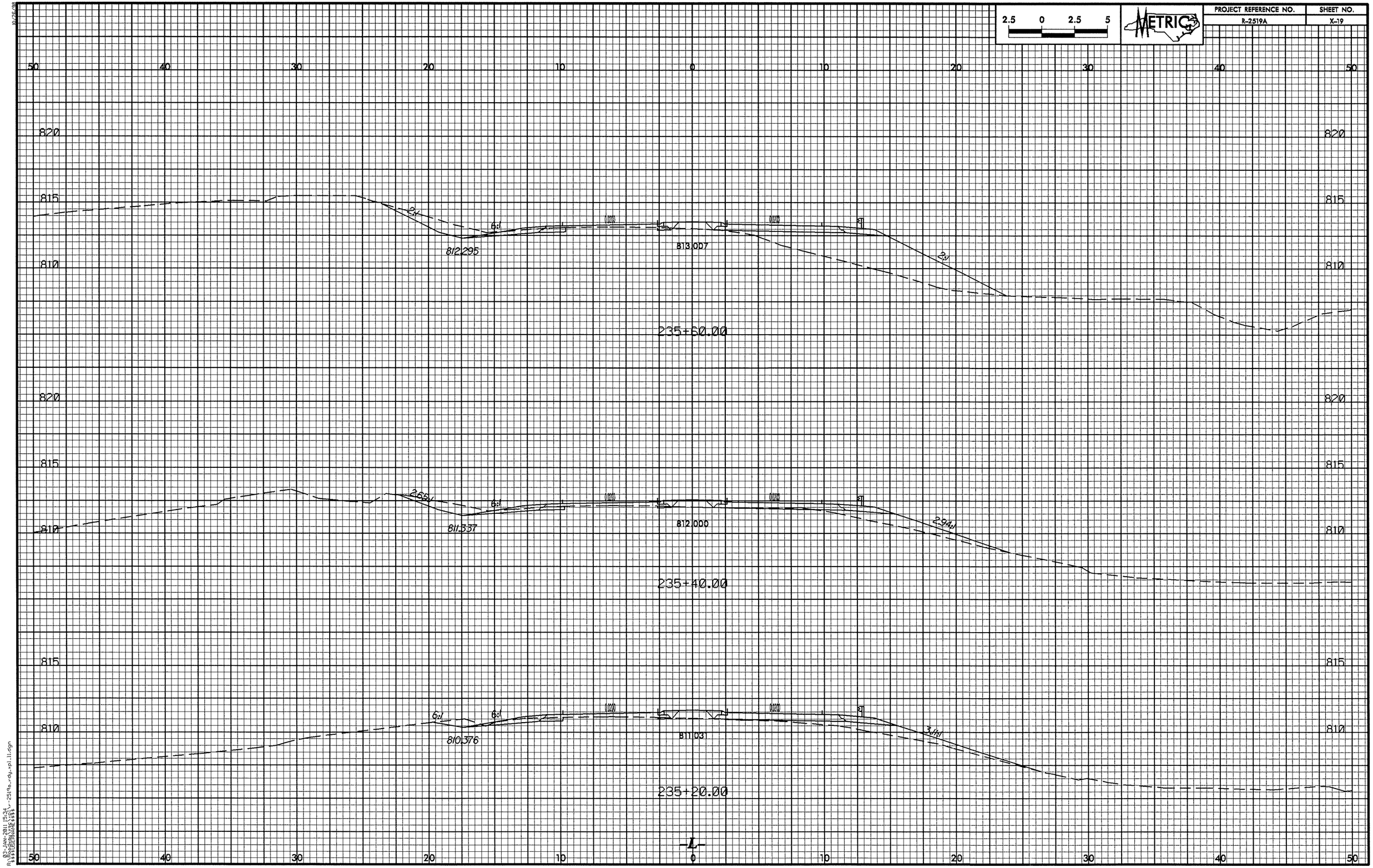
815
810
805
4:1
810.077
3.38:1
235+00.00
6:1
808.392
808.913
3:1
234+80.00
3:1
808.095
4.06:1
234+60.00
-L-



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METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-19
50 40 30 20 10 0 10 20 30 40 50
820
815
810
2:1
6:1
812.295
813.007
235+60.00
2.65:1
811.337
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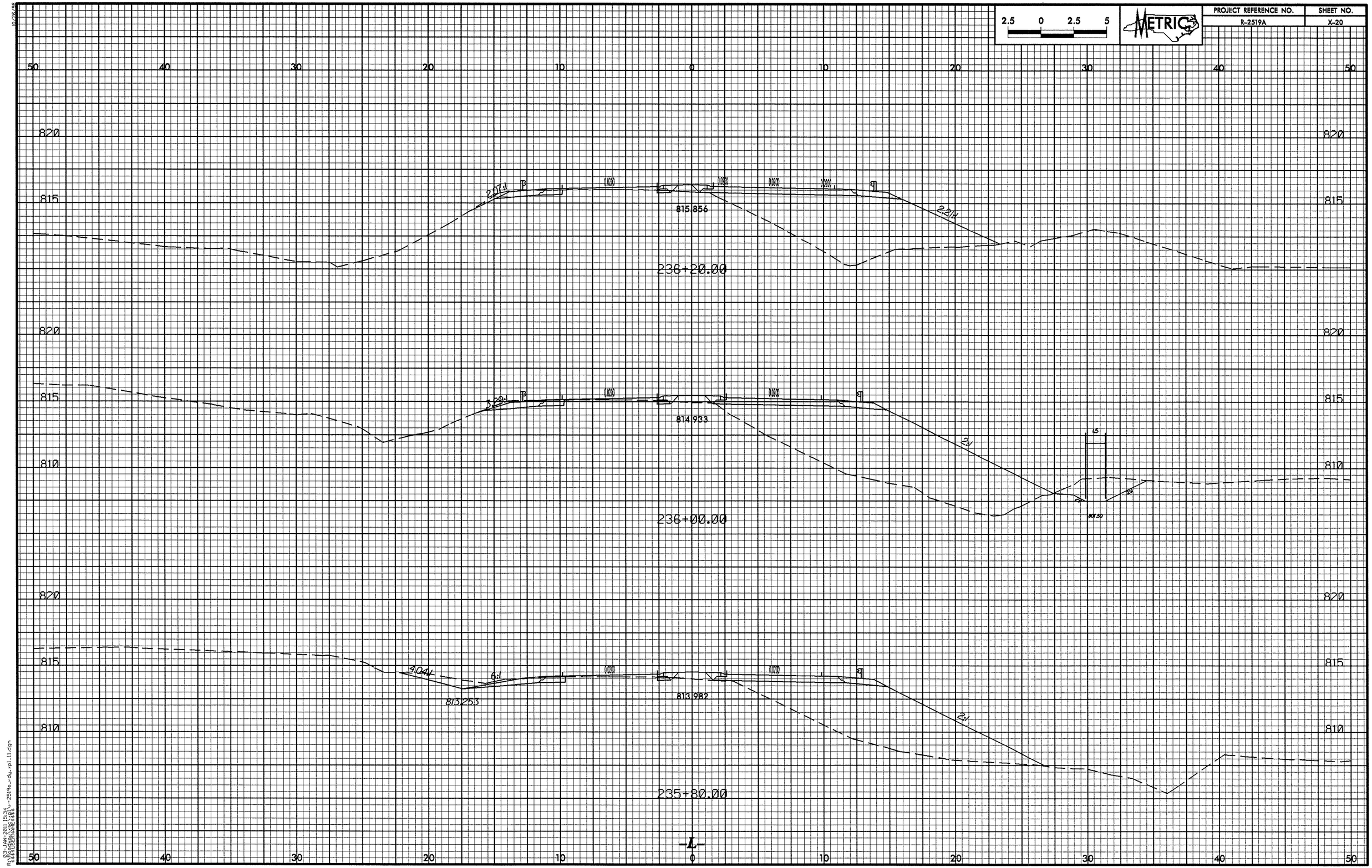
2.94:1
235+40.00
6:1
810.376
811.031
3.11:1
235+20.00
-L-



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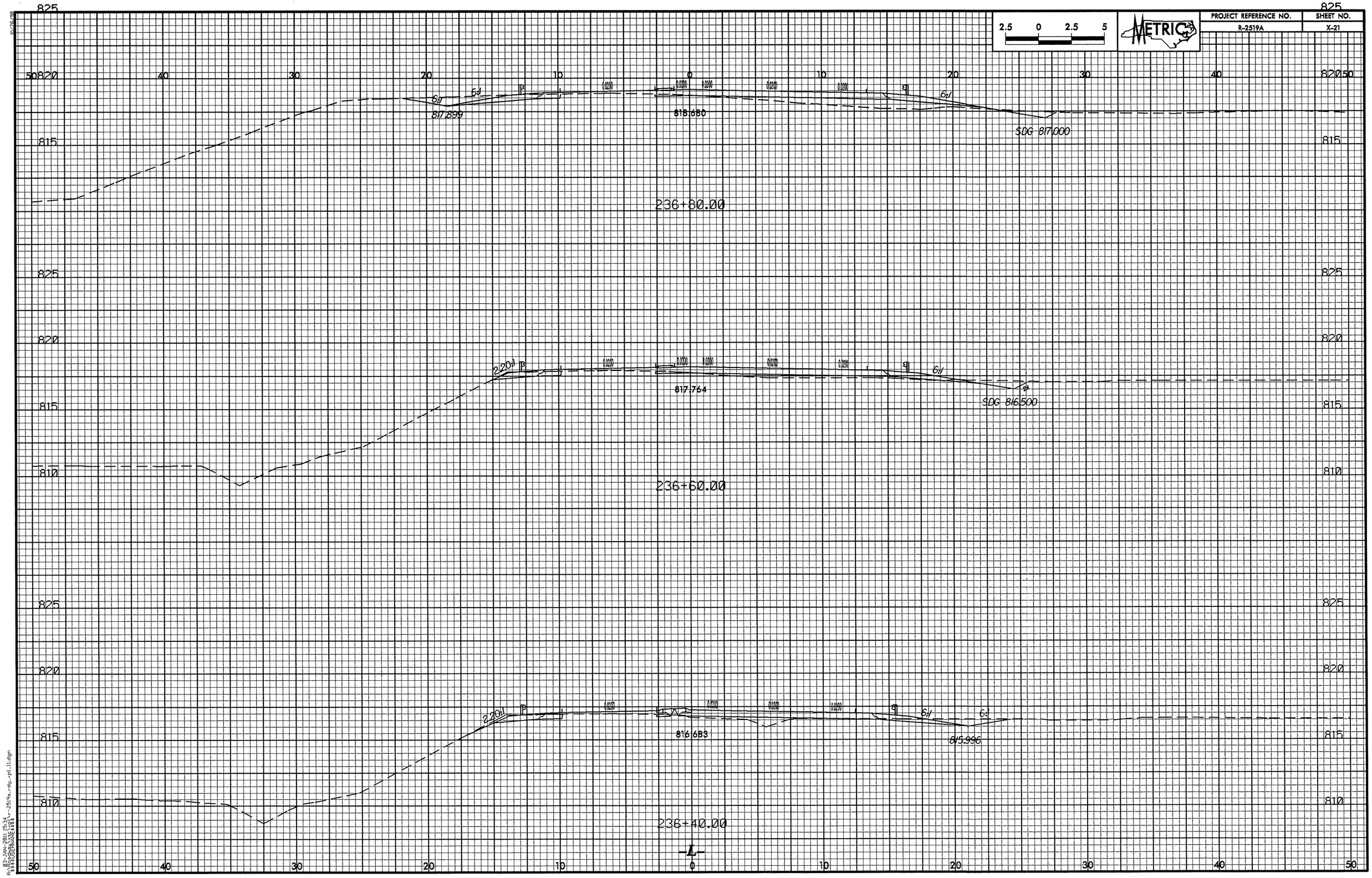
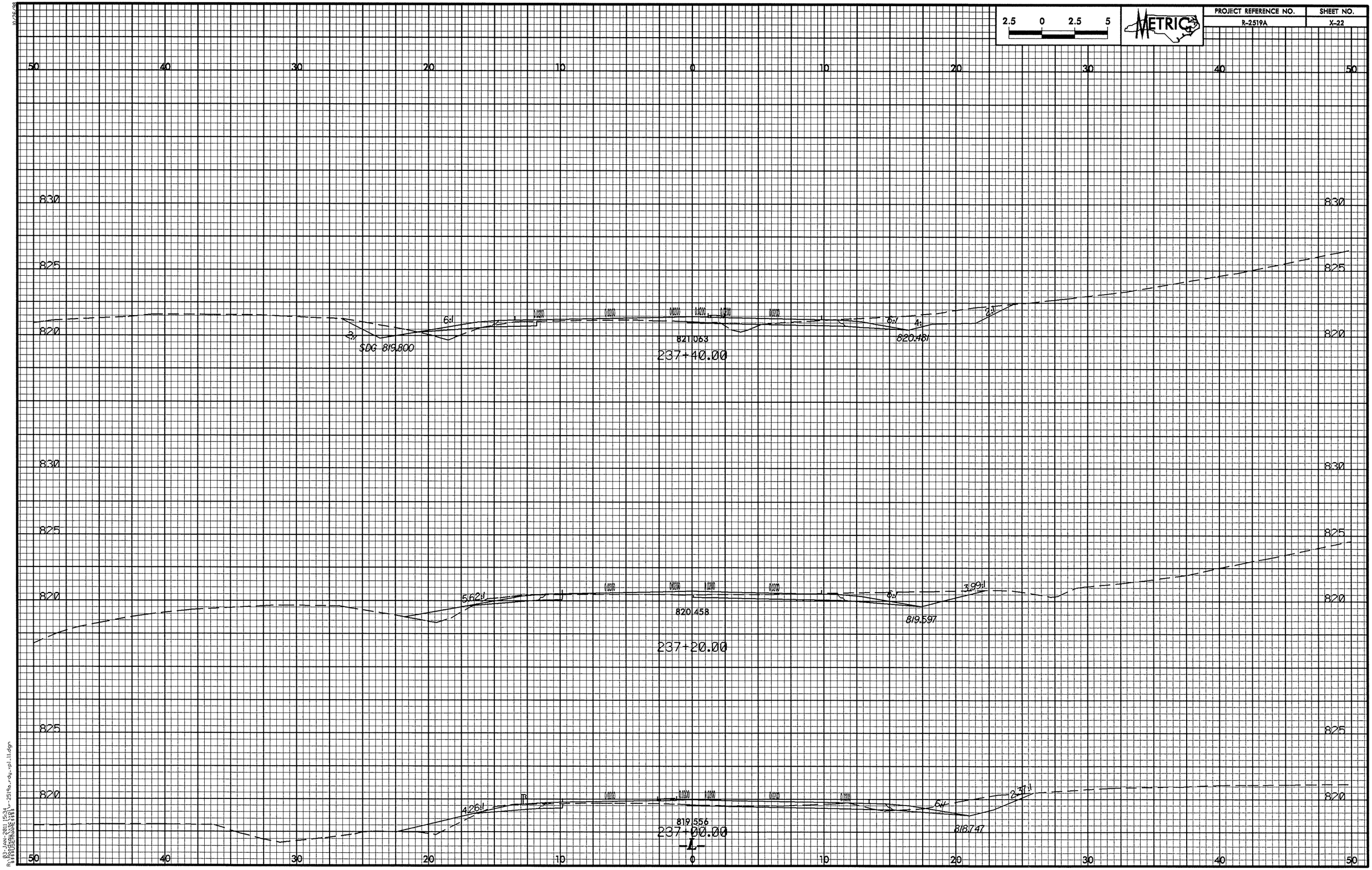
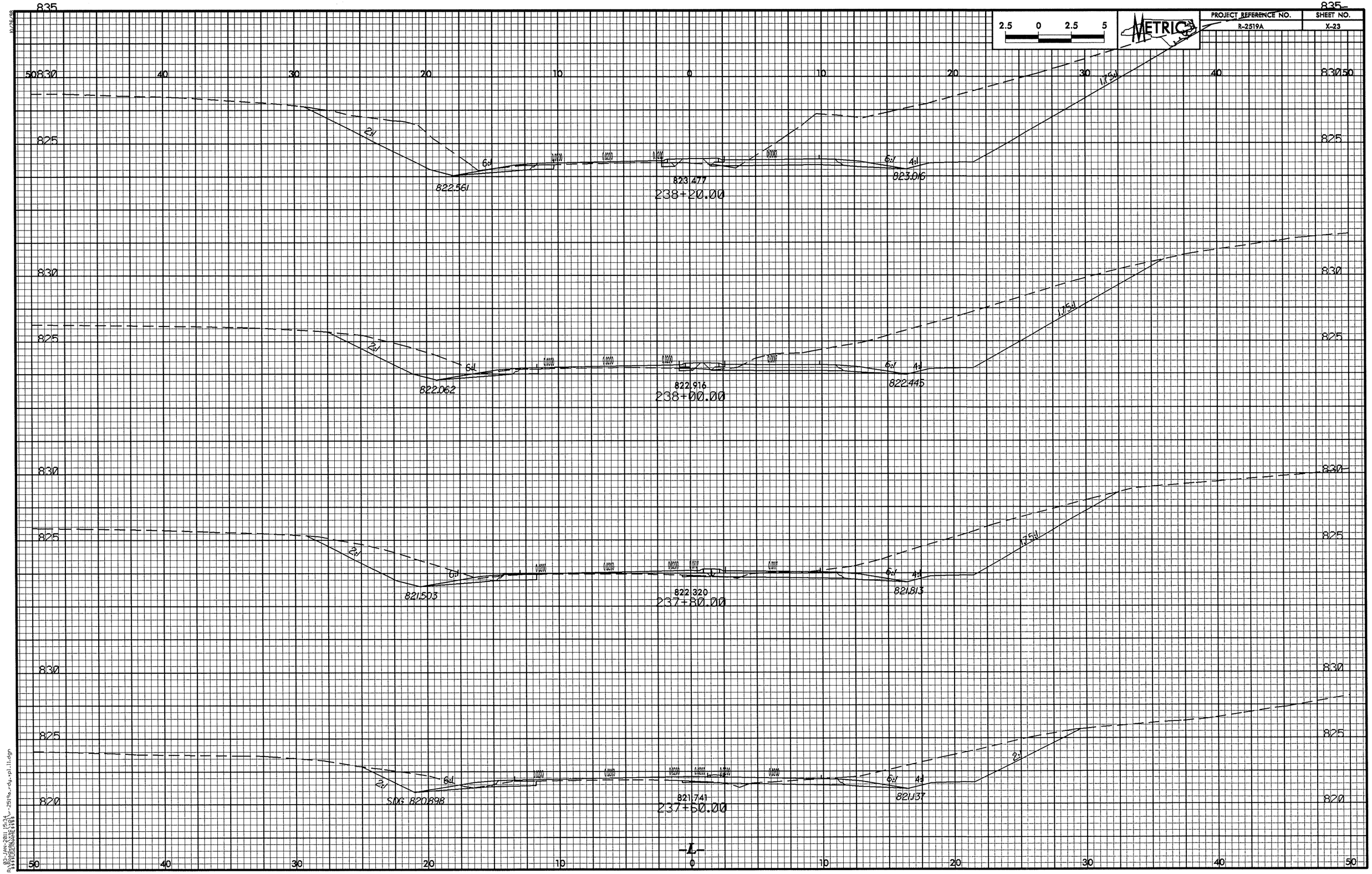
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-20
50 40 30 20 10 0 10 20 30 40 50
820
815
810
2.07:1
815.856
2.21:1
236+20.00
3.29:1
814.933
2:1
236+00.00
4.04:1
6:1
813.253
813.982
2:1
235+80.00
-L-


PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-21
METRIC
2.5 0 2.5 5
825
820
815
810
50 40 30 20 10 0 10 20 30 40 50
6:1
817.899
818.680
SDG 817.000
236+80.00
2.20:1
817.764
SDG 816.500
236+60.00
816.683
815.996
236+40.00
-L-

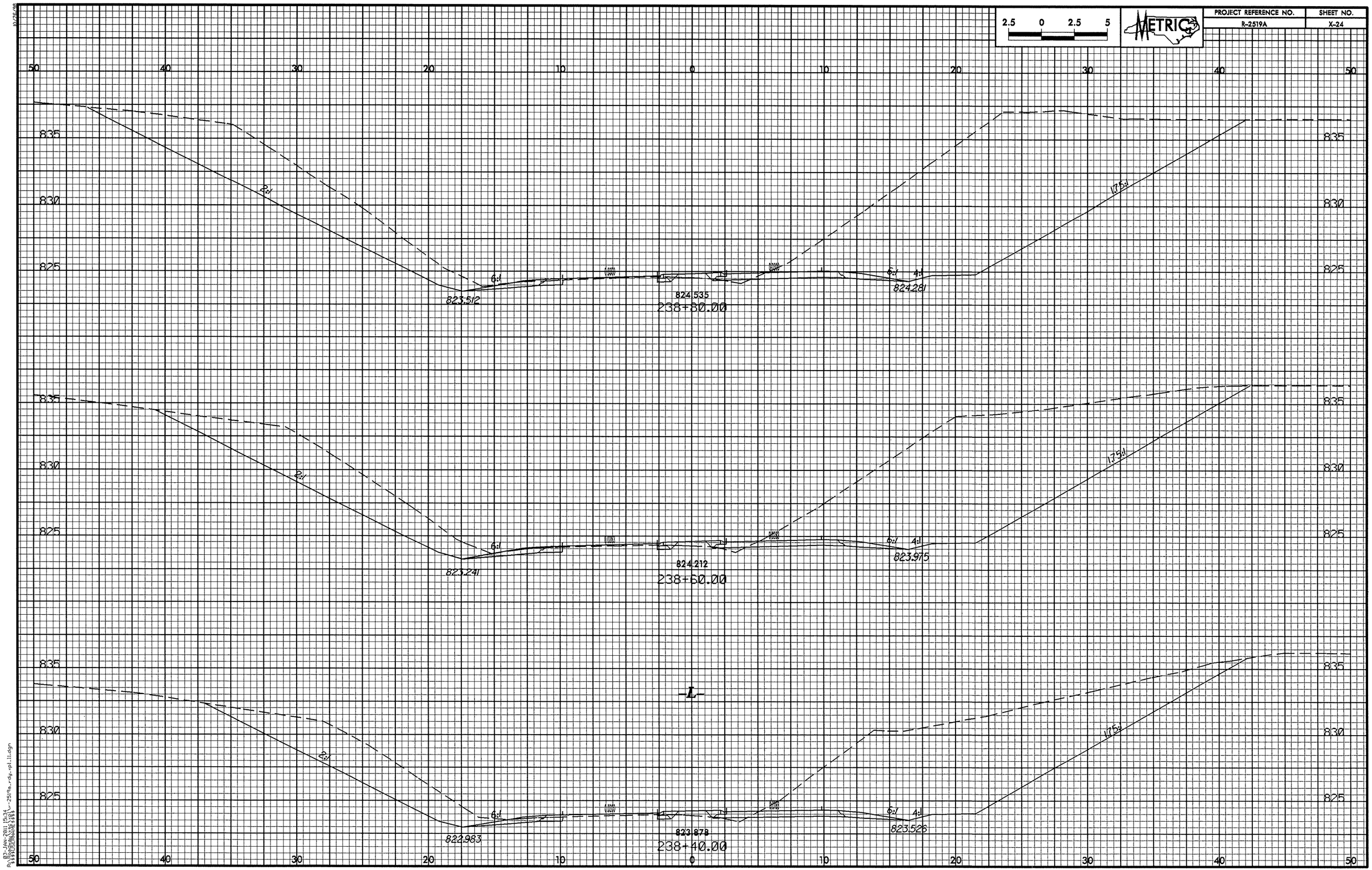


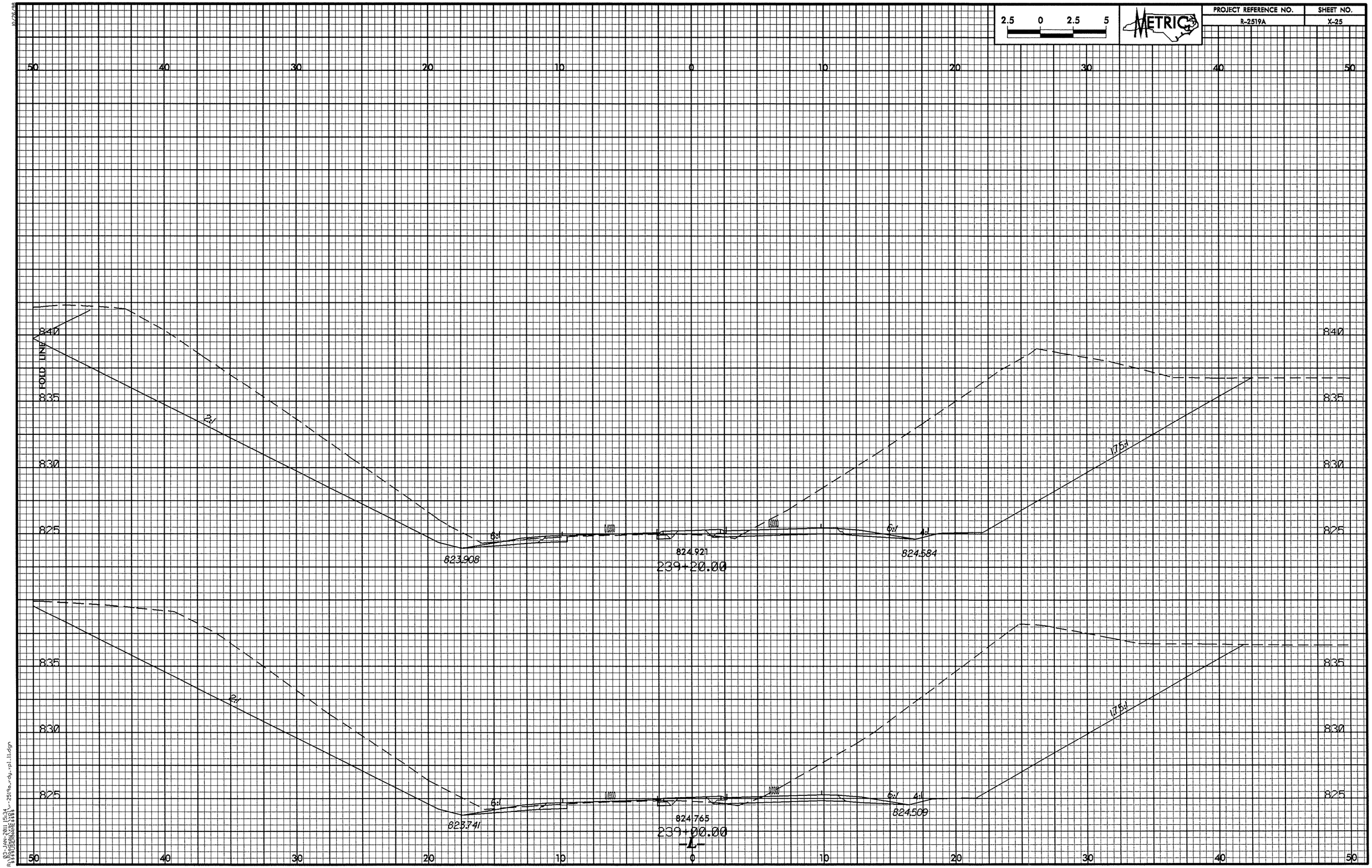
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-22
50 40 30 20 10 0 10 20 30 40 50
830
825
820
6:1
2:1
SDG 819.800
821.063
237+40.00
820.481
4:1
5.62:1
820.458
237+20.00
819.597
3.99:1
4.26:1
819.556
237+00.00
-L-
818.747
2.37:1



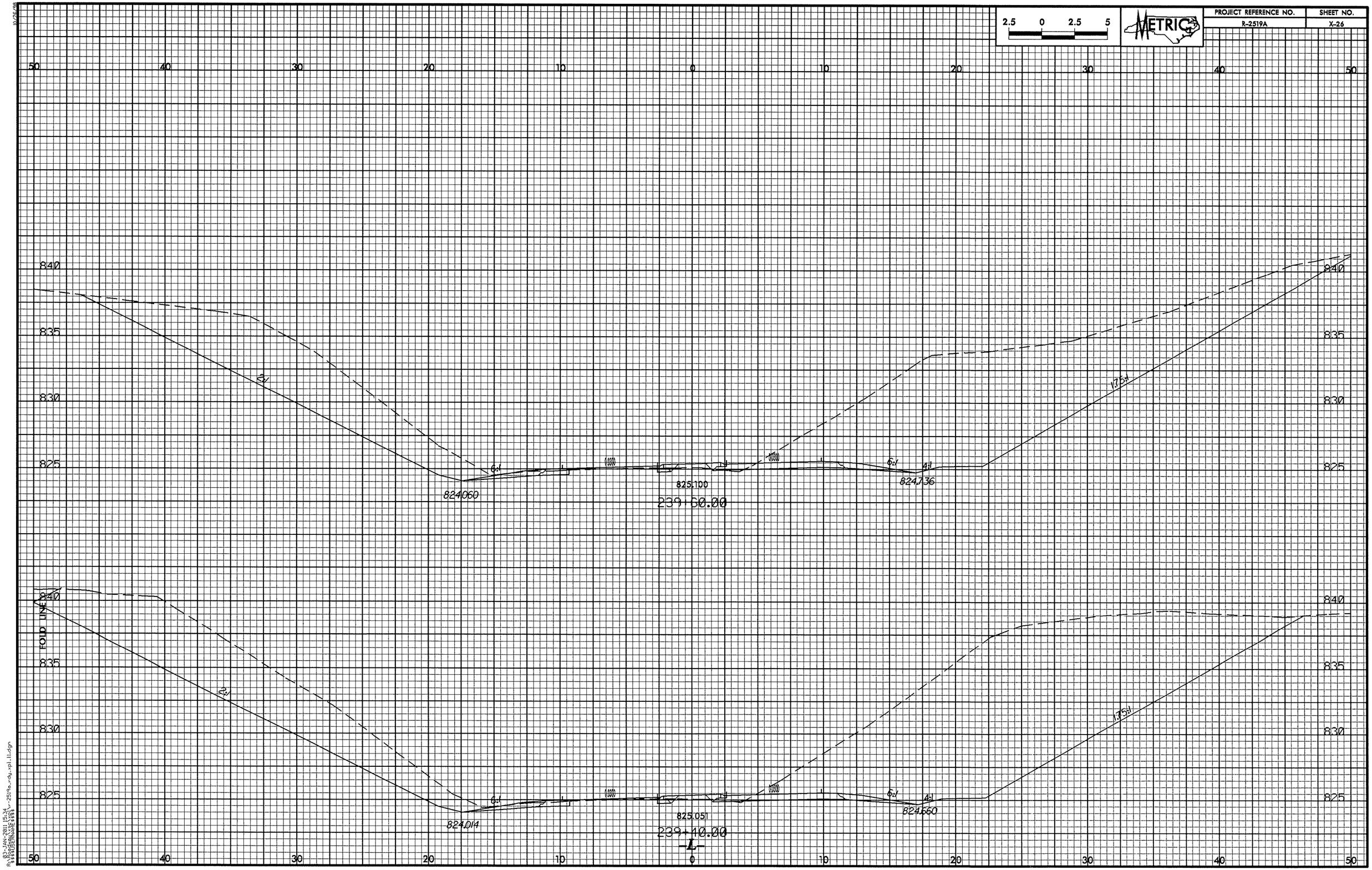
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-23
METRIC
2.5 0 2.5 5
835
830
825
820
50
40
30
20
10
0
10
20
30
40
50
2:1
6:1
4:1
1.75:1
822.561
823.477
823.016
238+20.00
822.062
822.916
822.445
238+00.00
821.503
822.320
821.813
237+80.00
SDG 820.898
821.741
821.137
237+60.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-24

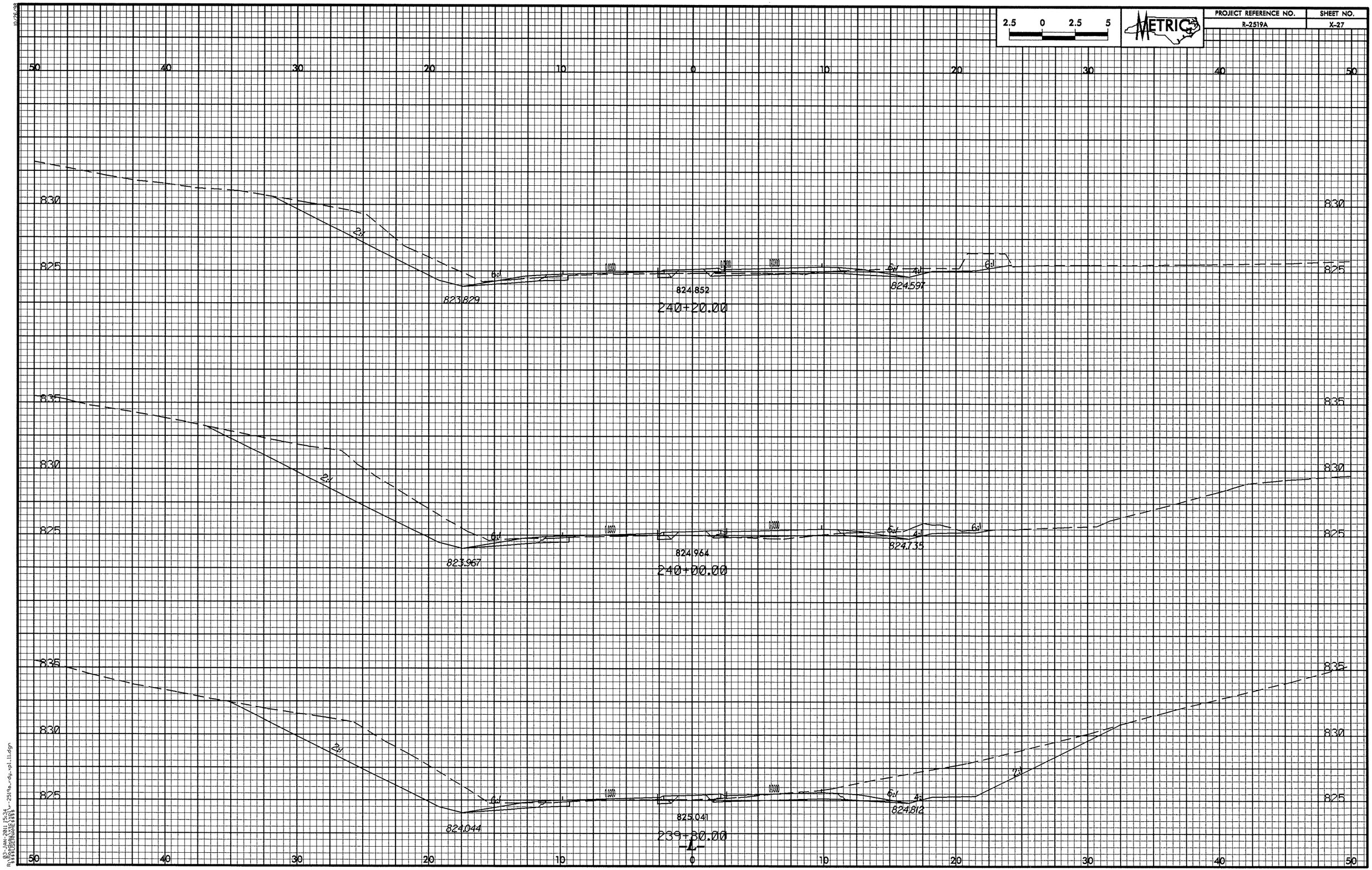




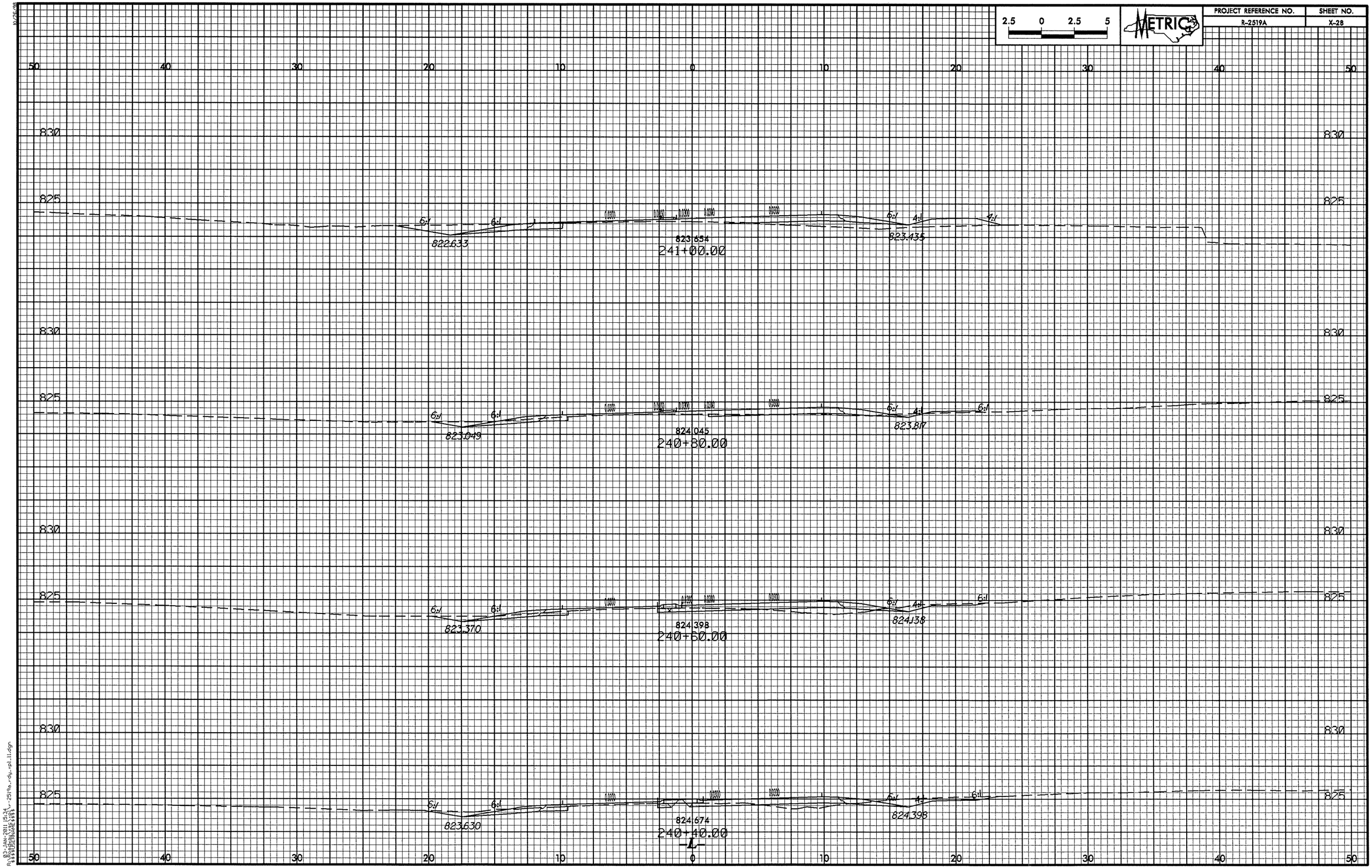
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-25
50 40 30 20 10 0 10 20 30 40 50
FOLD LINE
840
835
830
825
2:1
6:1
1.75:1
4:1
823.908
824.921
239+20.00
824.584
823.741
824.765
239+00.00
824.509
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-26
50 40 30 20 10 0 10 20 30 40 50
840
835
830
825
2:1
6:1
4:1
1.75:1
824.060
825.100
824.736
239+60.00
FOLD LINE
824.014
825.051
824.660
239+40.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-27
50 40 30 20 10 0 10 20 30 40 50
830
825
2:1
6:1
4:1
823.829
824.852
824.597
240+20.00
835
823.967
824.964
824.735
240+00.00
824.044
825.041
824.812
239+80.00
-L-



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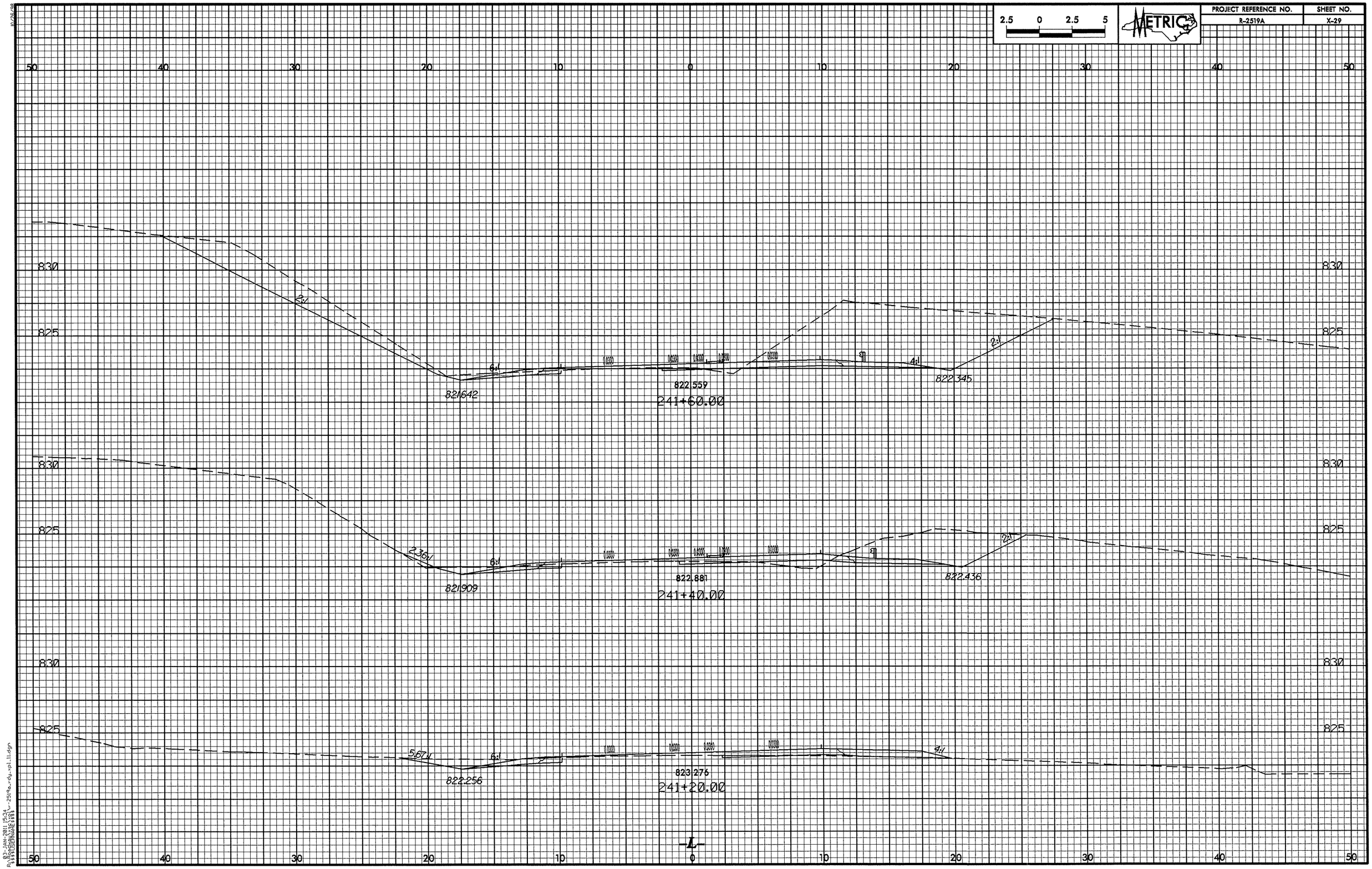
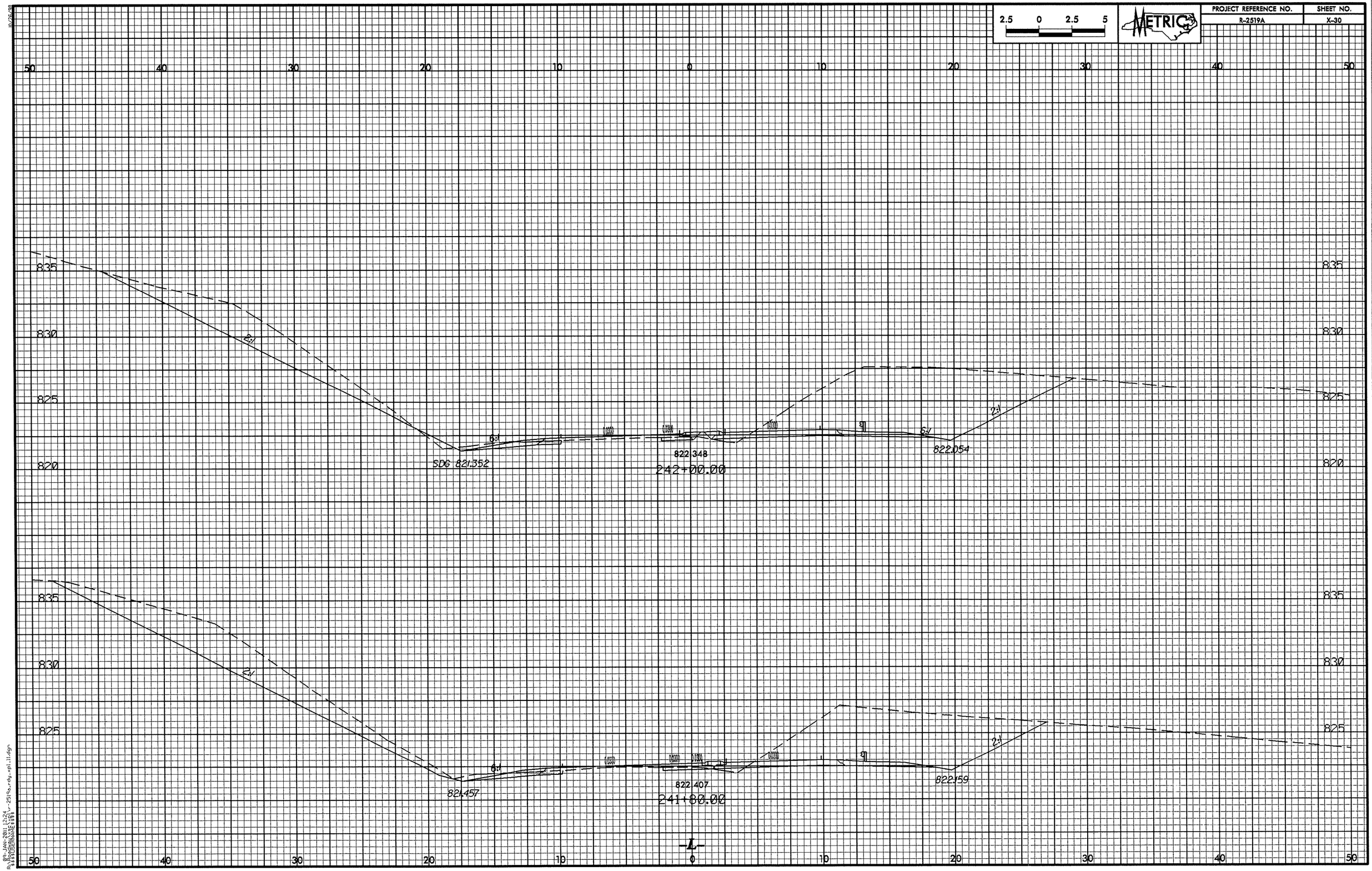
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-28
50 40 30 20 10 0 10 20 30 40 50
830
825
6:1
4:1
822.633
823.654
241+00.00
823.435
823.049
824.045
240+80.00
823.817
823.370
824.398
240+60.00
824.138
823.630
824.674
240+40.00
-L-


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-29
50 40 30 20 10 0 10 20 30 40 50
830
825
2:1
6:1
4:1
821642
822.559
241+60.00
822.345
2364
821909
822.887
241+40.00
822.436
5674
822.256
823.276
241+20.00
-L-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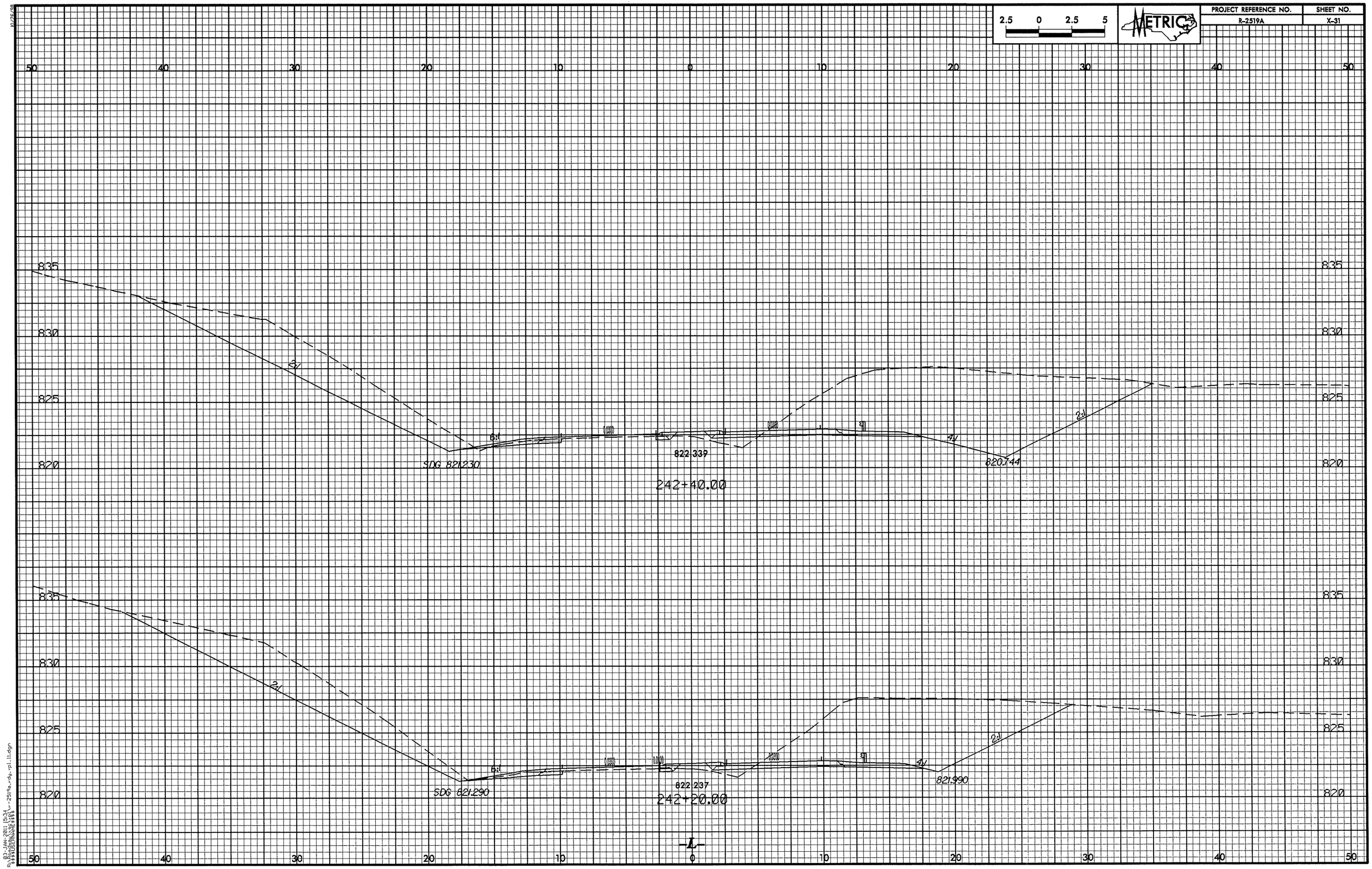
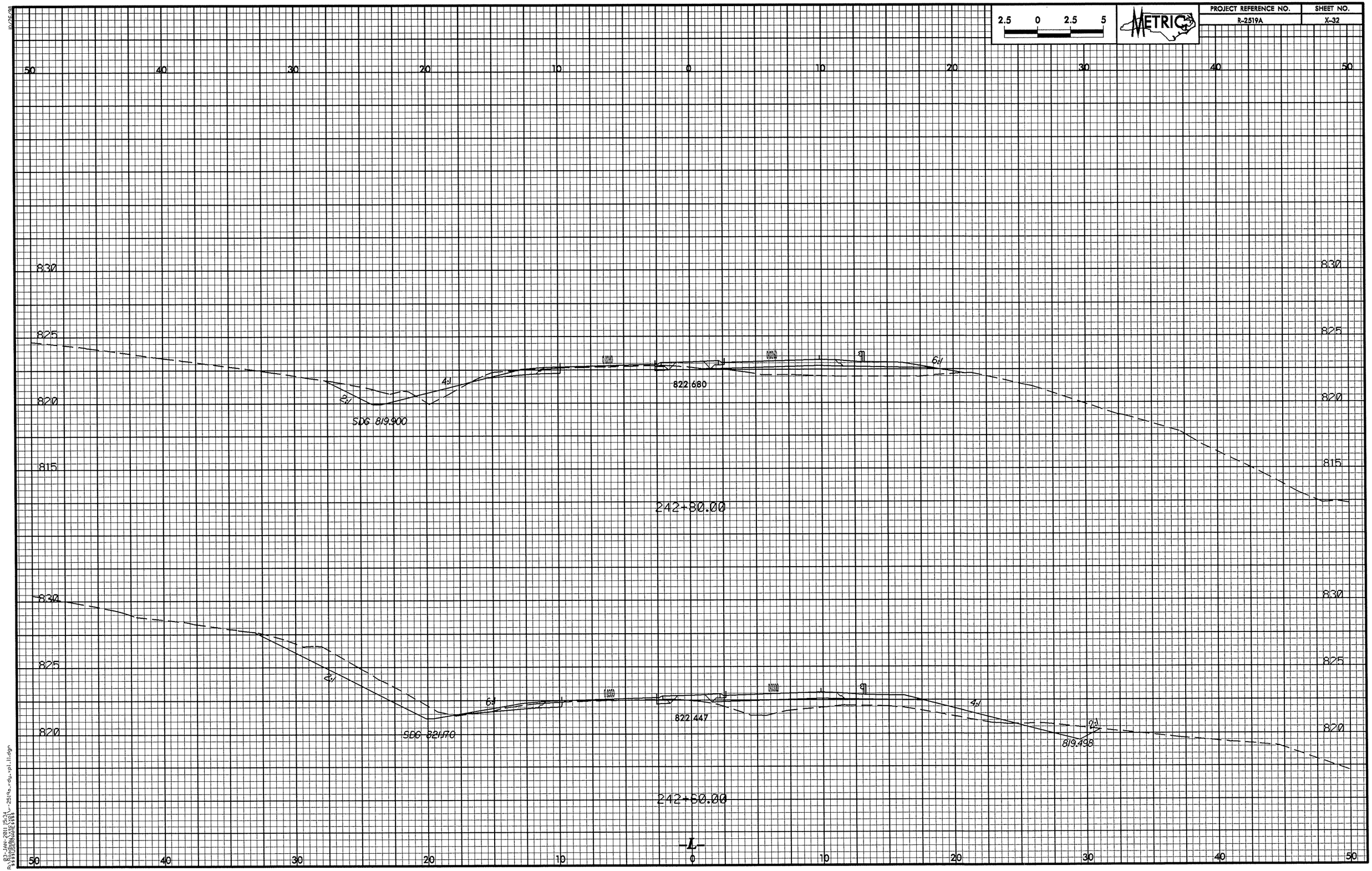
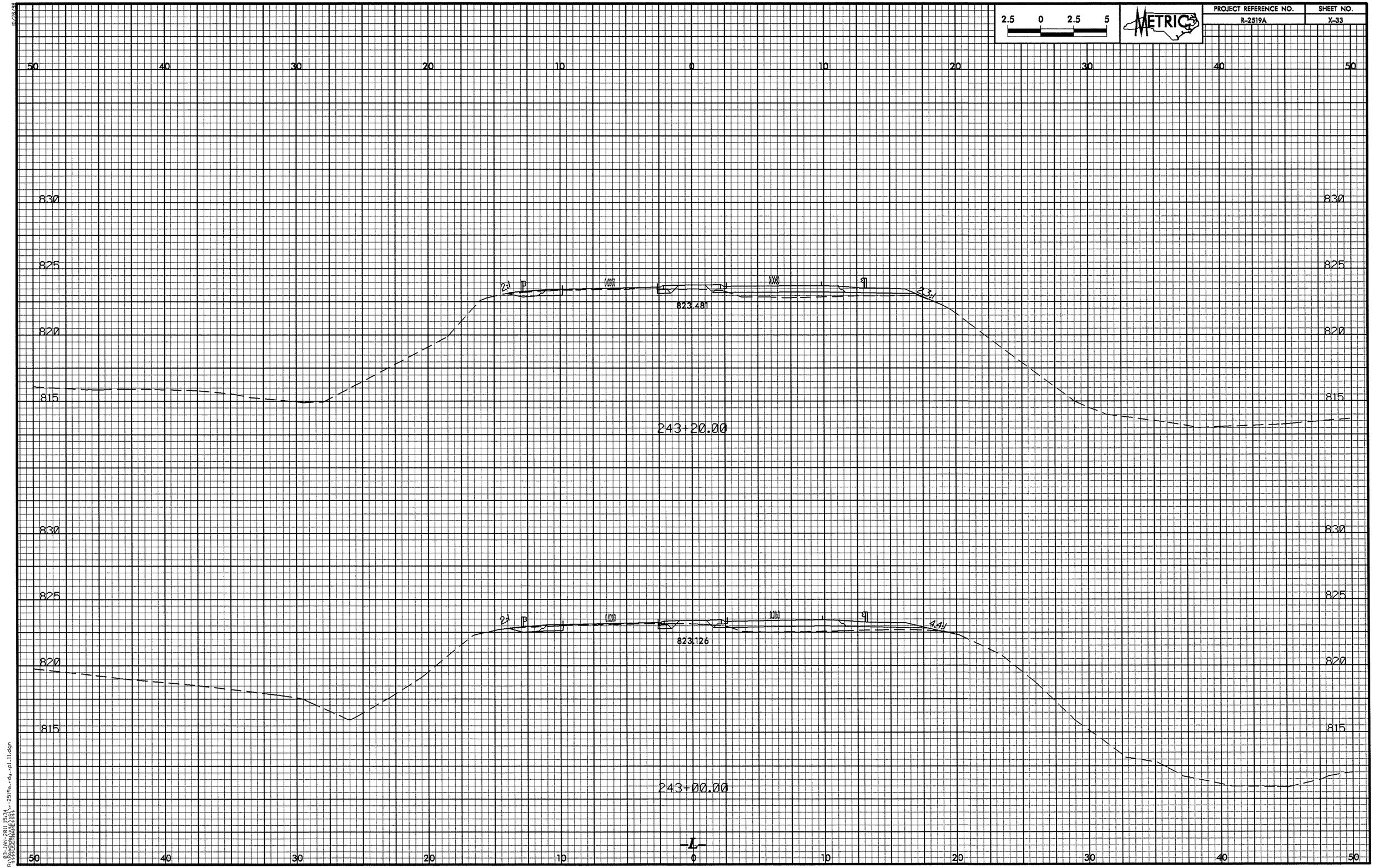
R-2519A
SHEET NO.
X-30
2.5 0 2.5 5
METRIC
50 40 30 20 10 0 10 20 30 40 50
835
830
825
820
2:1
6:1
SDG 821.352
822.348
242+00.00
822.054
821.457
822.407
241+80.00
822.159
-L-



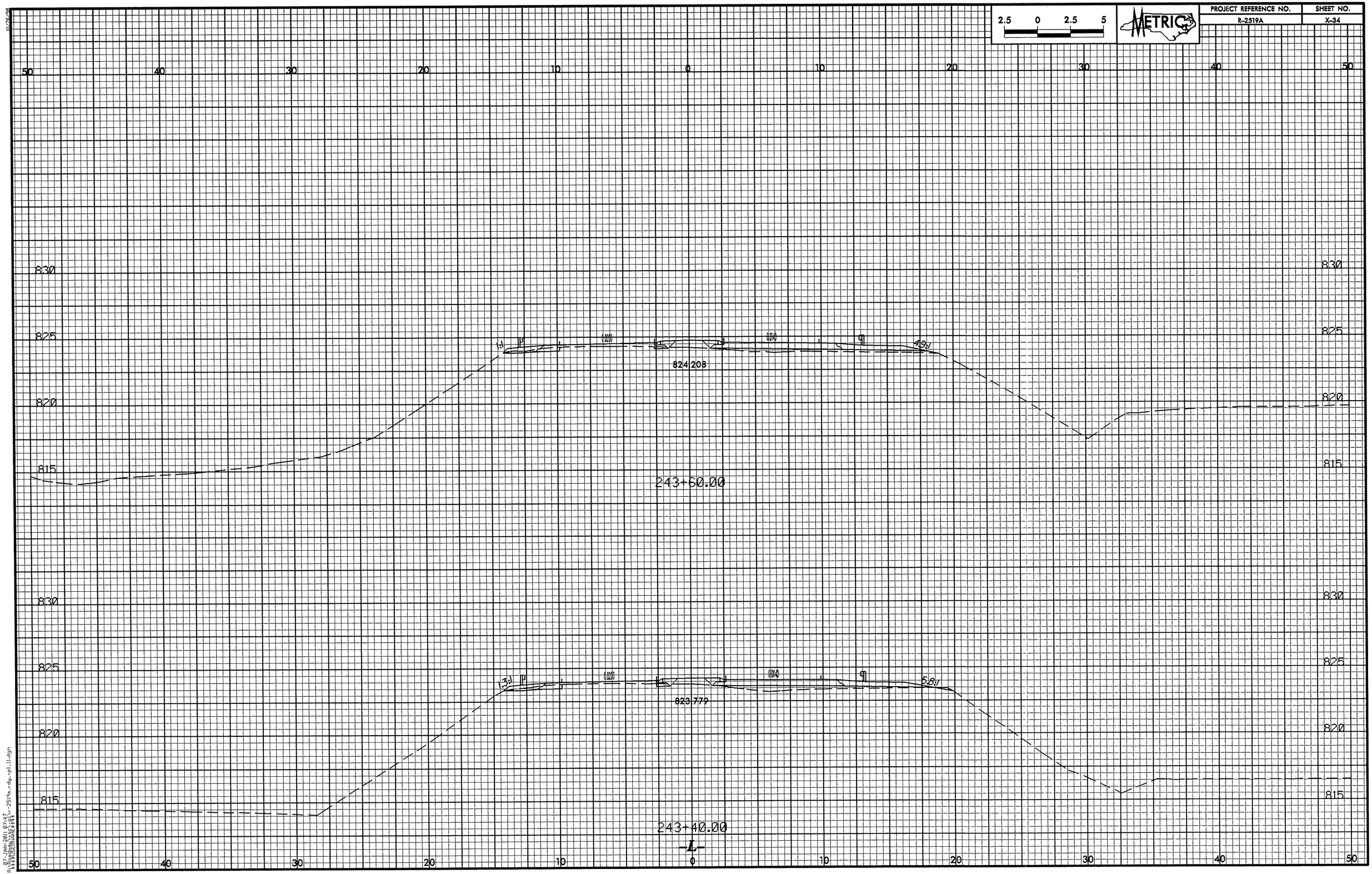
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-31
50 40 30 20 10 0 10 20 30 40 50
835
830
825
820
2:1
6:1
4:1
SDG 821.230
822.339
820.744
242+40.00
SDG 821.290
822.237
821.990
242+20.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-32
50 40 30 20 10 0 10 20 30 40 50
830
825
820
815
2:1
4:1
6:1
822.680
SDG 819.900
242+80.00
822.447
SDG 821.170
819.498
242+60.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-33
50 40 30 20 10 0 10 20 30 40 50
830
825
820
815
2:1
3:1
823.481
243+20.00
2:1
4.4:1
823.126
243+00.00
-L-



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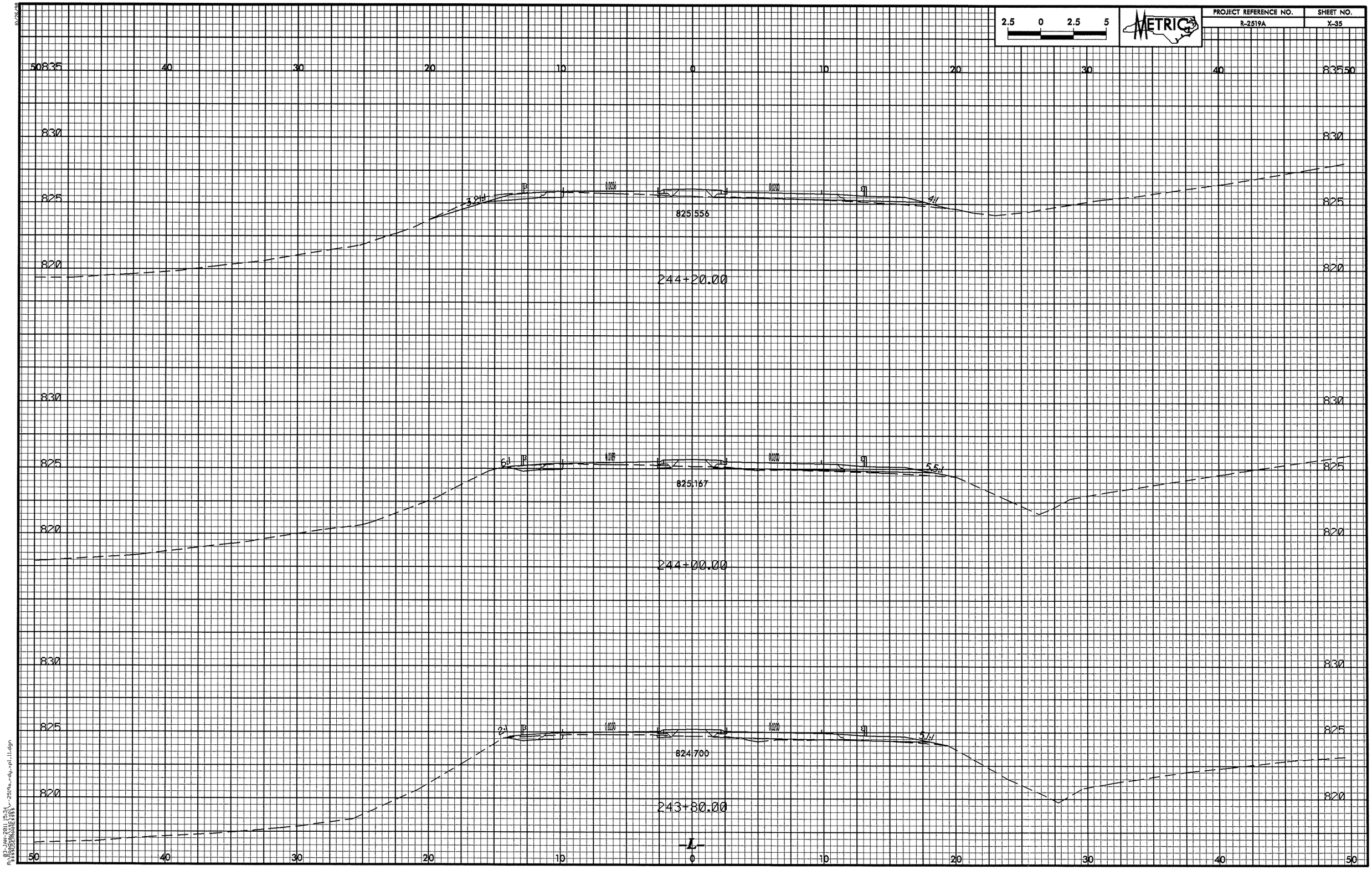
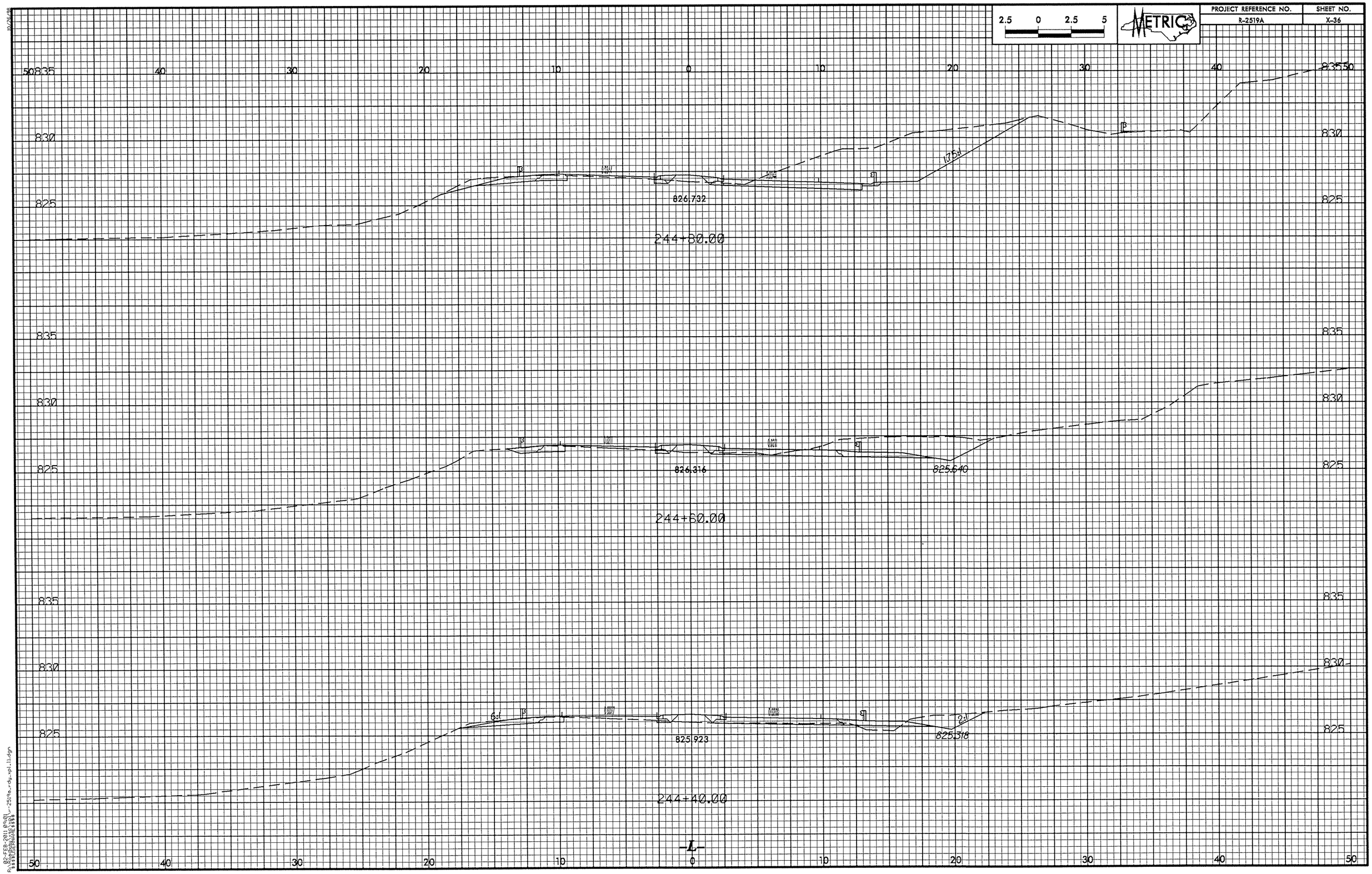
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-34
50 40 30 20 10 0 10 20 30 40 50
830
825
820
815
1:1
49:1
824.208
243+60.00
1.3:1
5.8:1
823.779
243+40.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-35
835
830
825
820
825.556
244+20.00
825.167
244+00.00
824.700
243+80.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-36



02-FEB-2011 09:01
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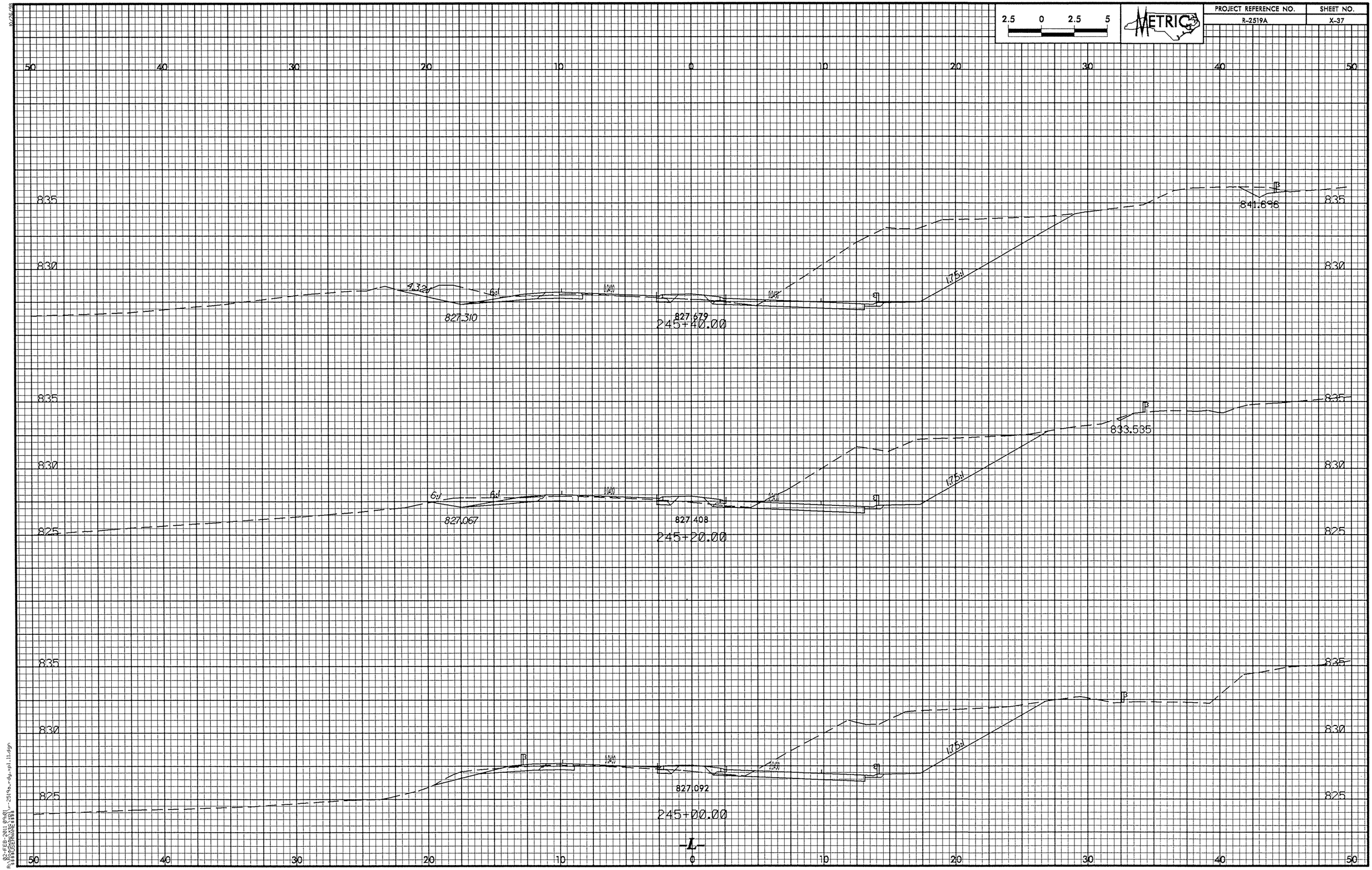
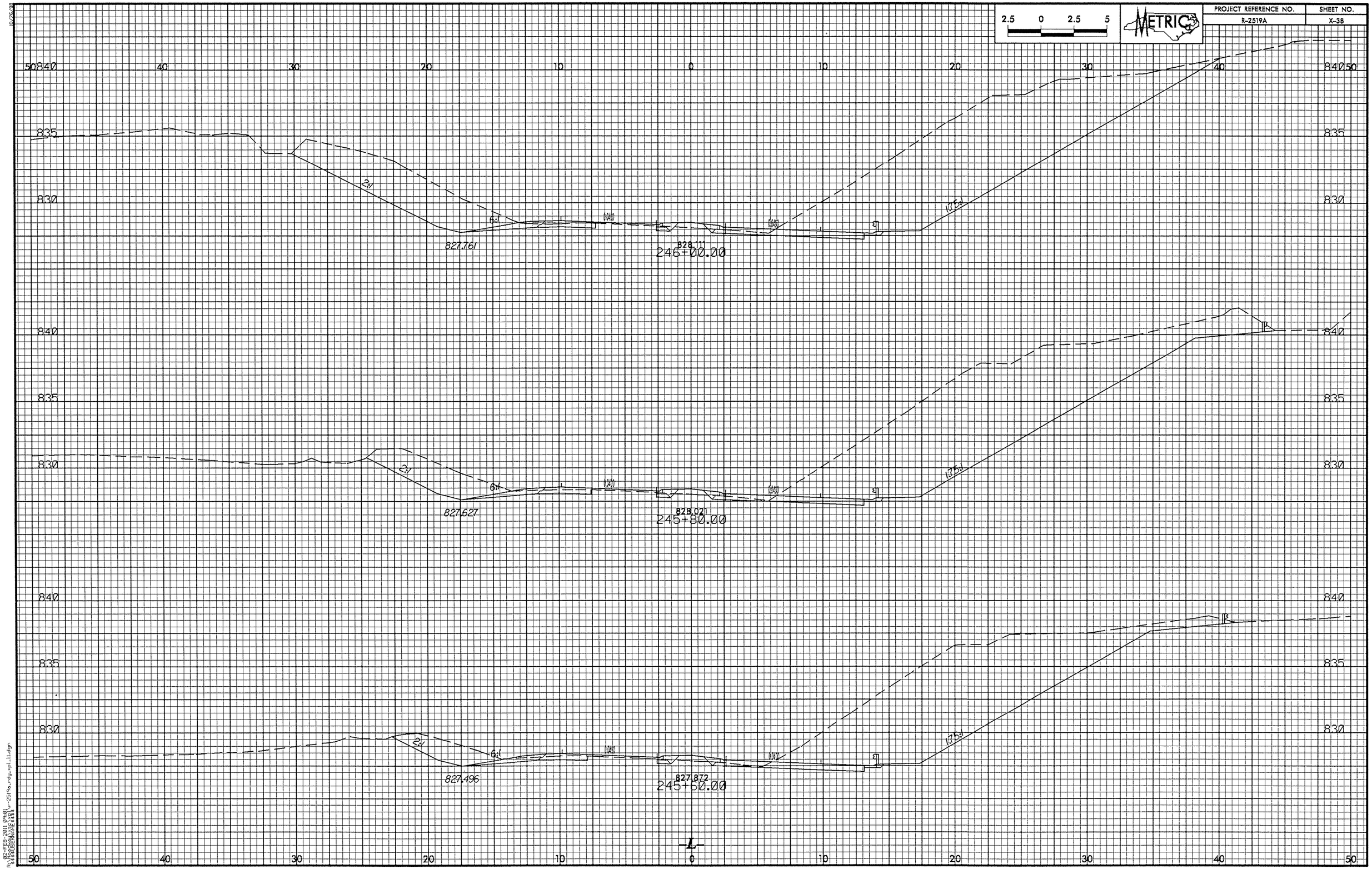


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-37
50 40 30 20 10 0 10 20 30 40 50
835
830
825
4.32:1
6:1
1.75:1
827.310
827.679
245+40.00
841.696
833.535
827.067
827.408
245+20.00
827.092
245+00.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-38

2.5 0 2.5 5

METRIC



10/26/88

02-FEB-2011 09:01
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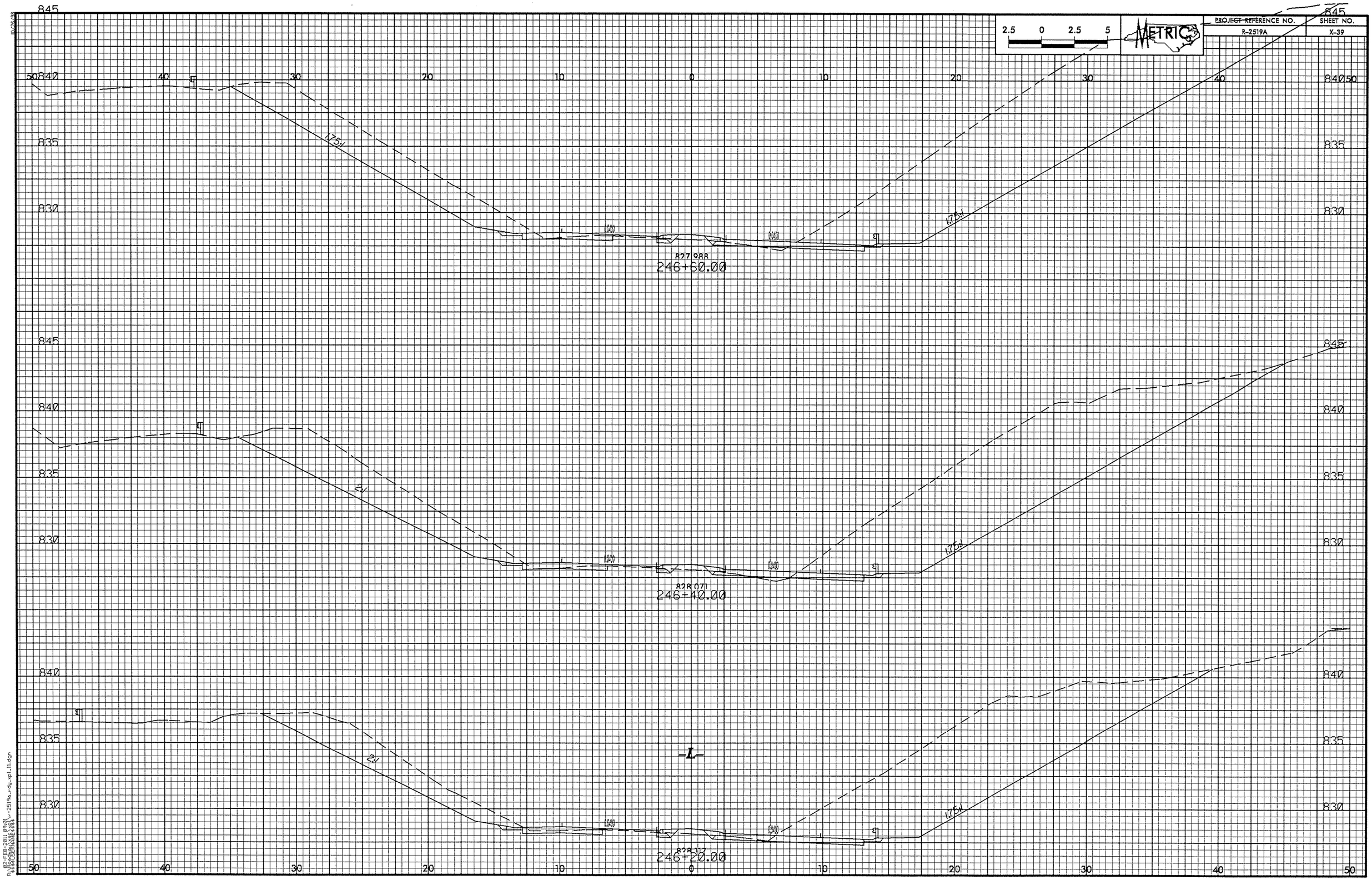
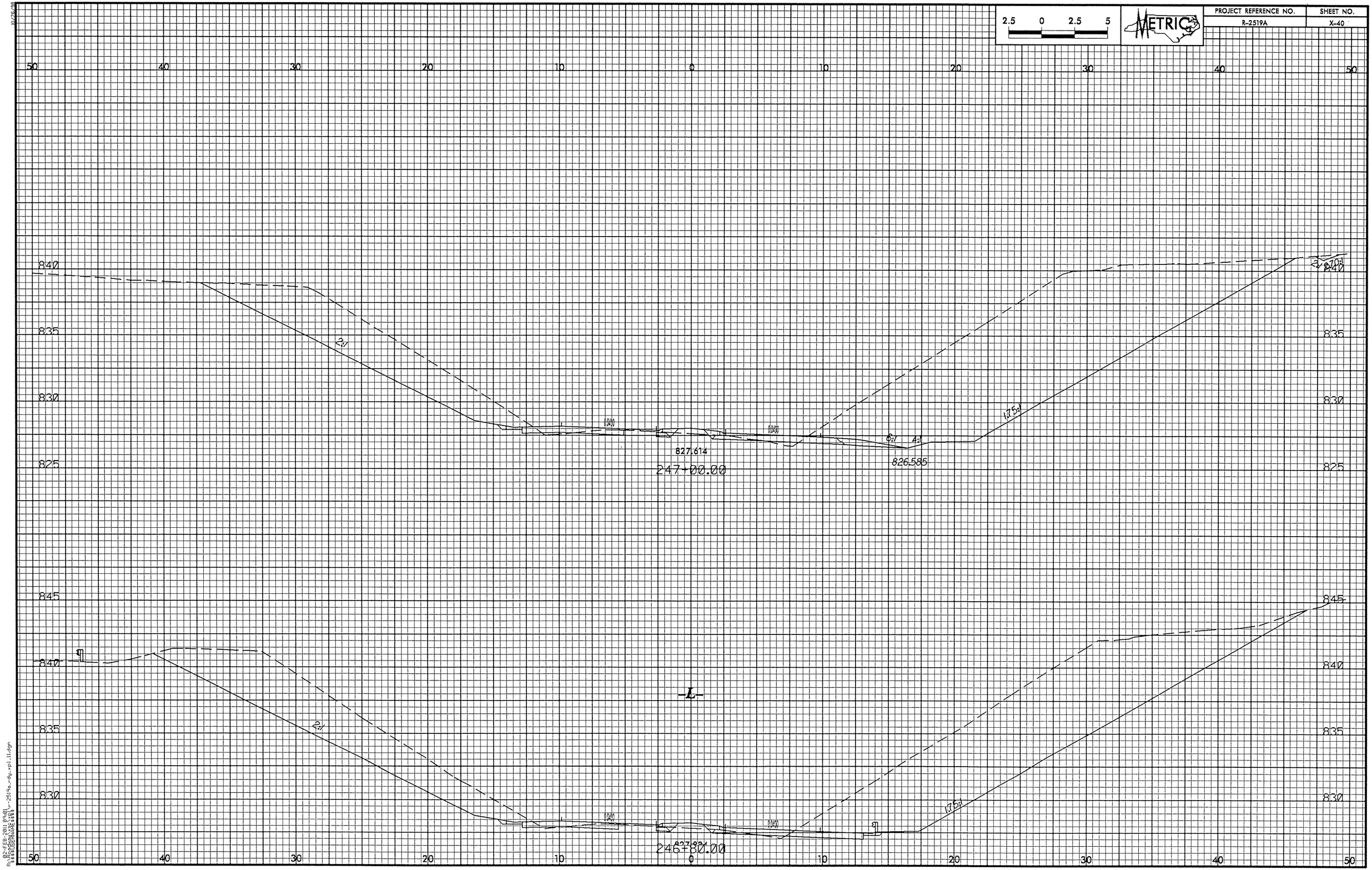


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-39
845
840
835
830
50
40
30
20
10
0
1.75:1
827.988
246+60.00
2:1
828.071
246+40.00
-L-
828.117
246+20.00



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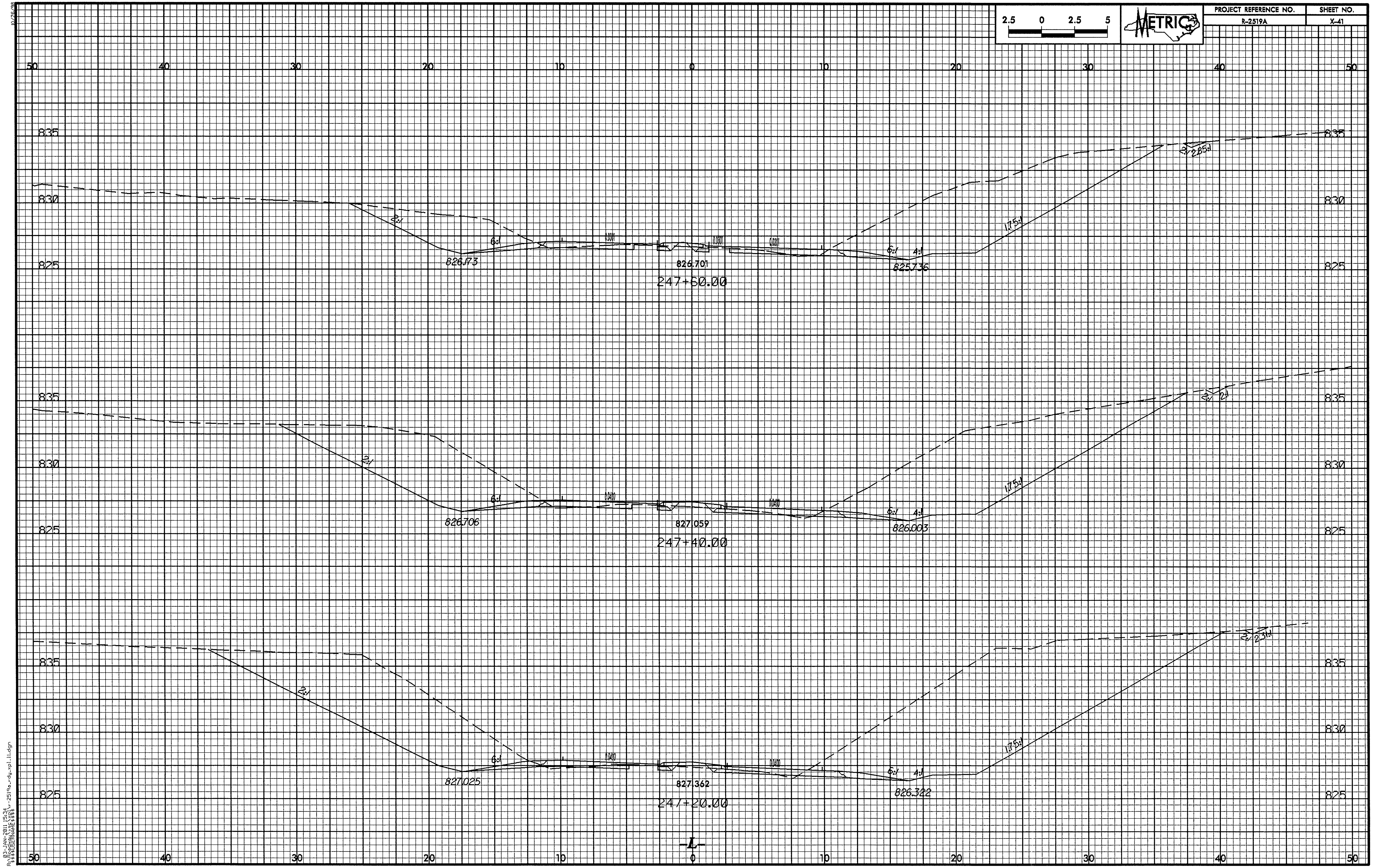
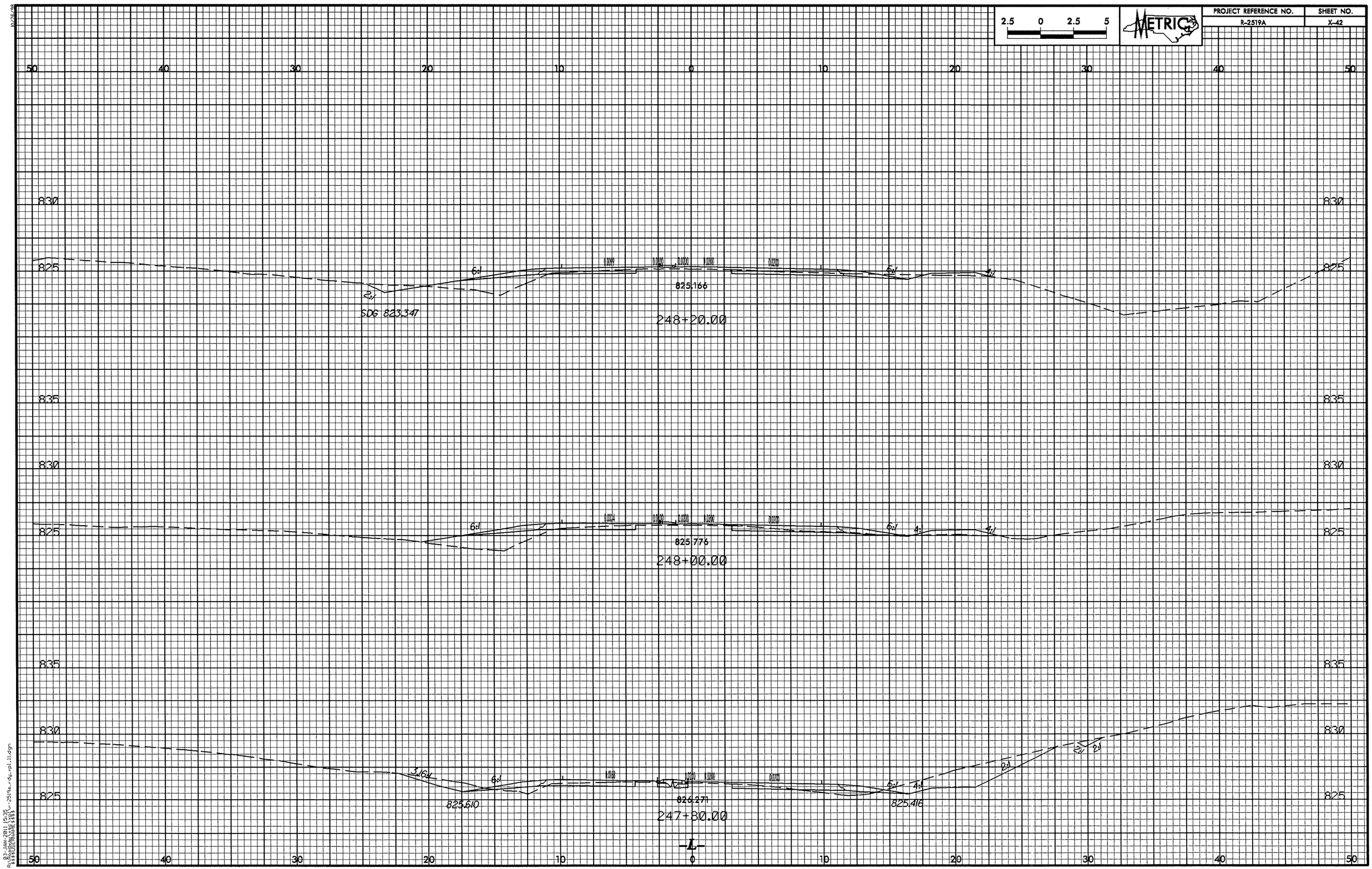
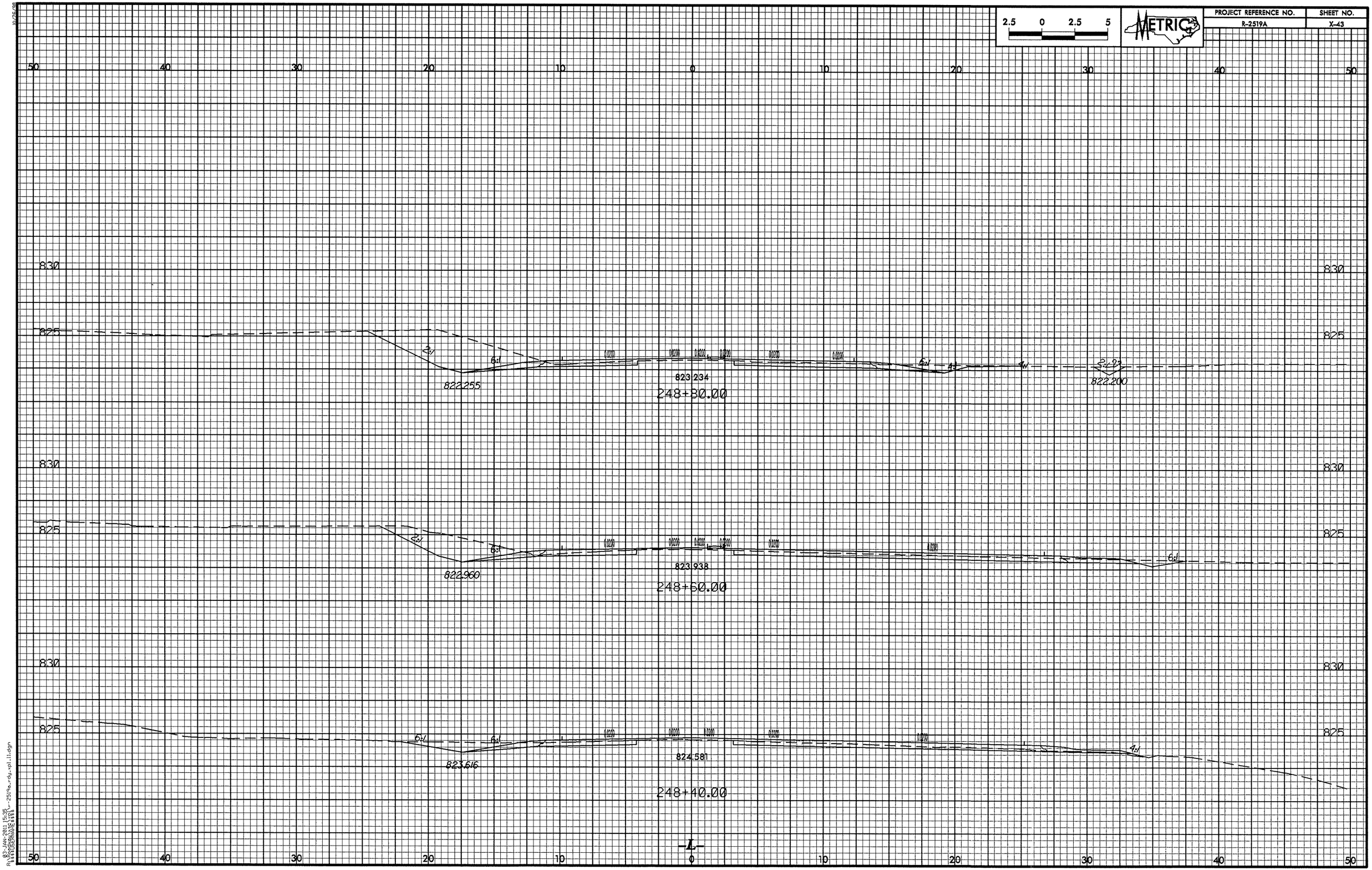
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-40
50 40 30 20 10 0 10 20 30 40 50
840
835
830
825
845
2:1
1.75:1
6:1
4:1
827.614
826.585
247+00.00
-L-
246+80.00

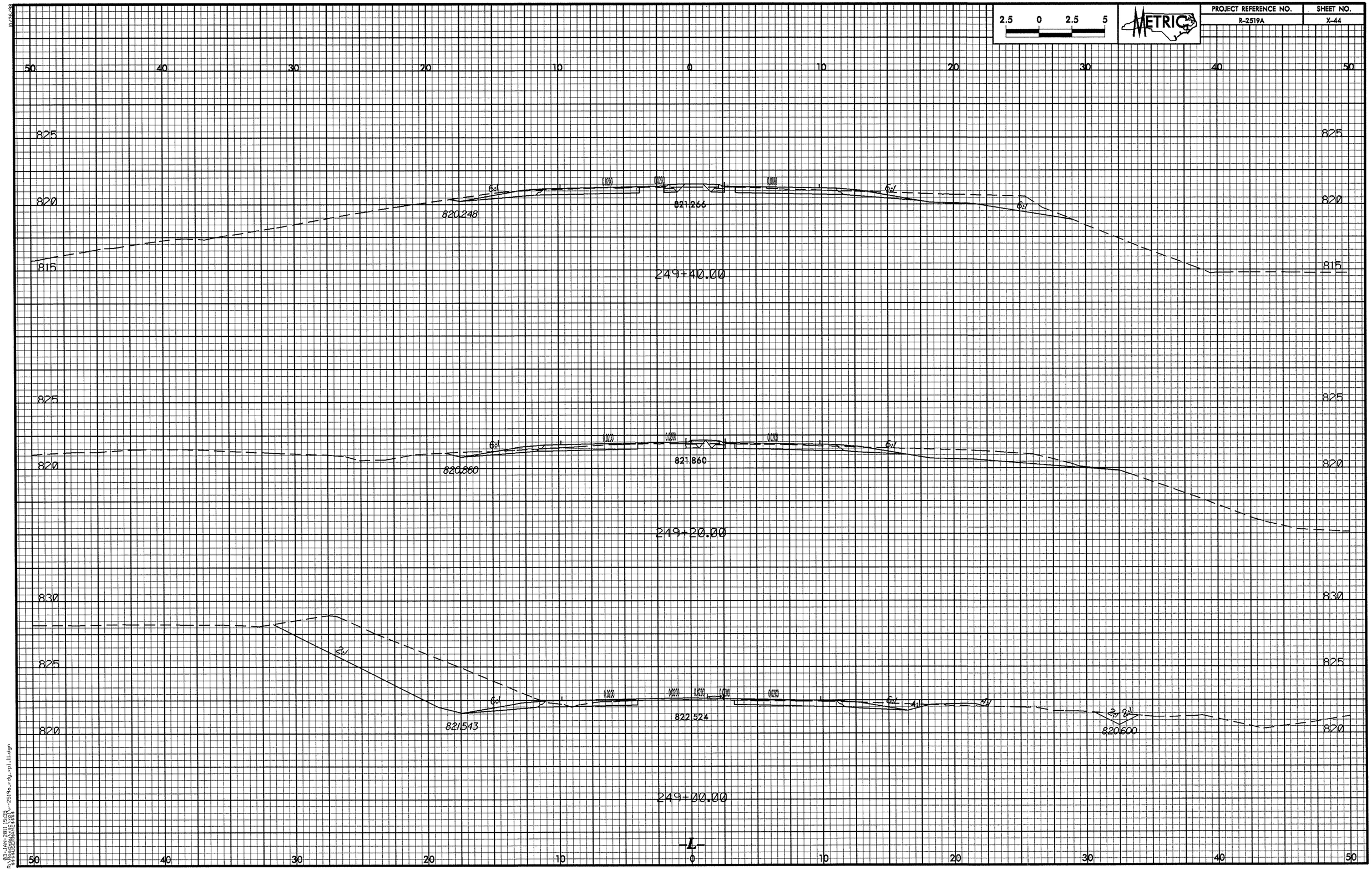


PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-41
2.5 0 2.5 5
METRIC
826.173
826.701
825.736
247+60.00
826.706
827.059
826.003
247+40.00
827.025
827.362
826.322
247+20.00
-L-
03-JAN-2011 15:34
10/26/98


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-42
50 40 30 20 10 0 10 20 30 40 50
830
825
835
6:1
2:1
SDG 823.347
825.166
248+20.00
825.776
248+00.00
3:1
825.610
826.271
825.416
247+30.00
4:1
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-43
50 40 30 20 10 0 10 20 30 40 50
830
825
2:1
6:1
4:1
822.255
823.234
248+30.00
822.200
822.960
823.938
248+60.00
823.616
824.581
248+40.00
-L-

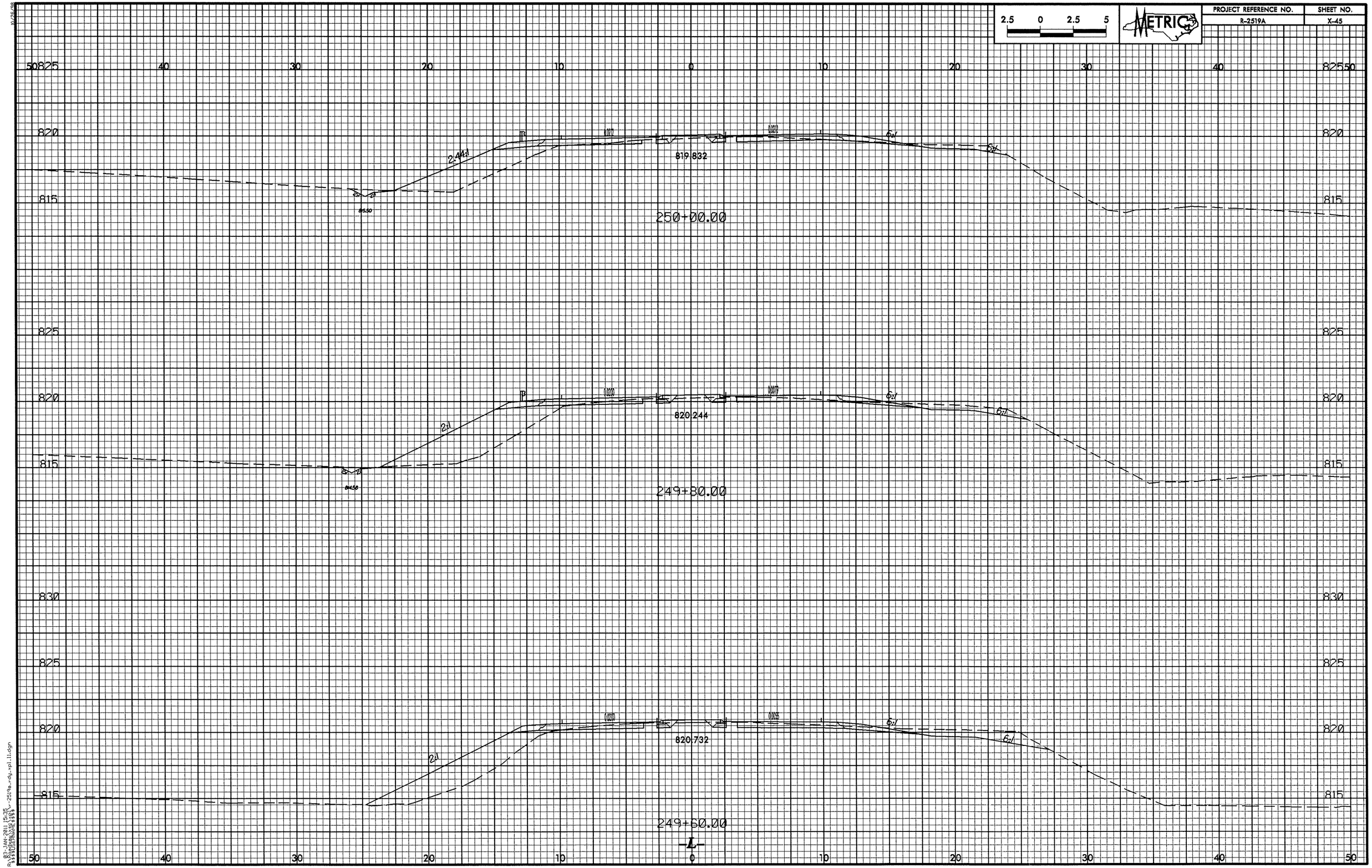


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-44
50 40 30 20 10 0 10 20 30 40 50
825
820
815
6:1
820.248
821.266
249+40.00
820.860
821.860
249+20.00
830
2:1
821.543
822.524
4:1
820.600
249+00.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-45

2.5 0 2.5 5

METRIC



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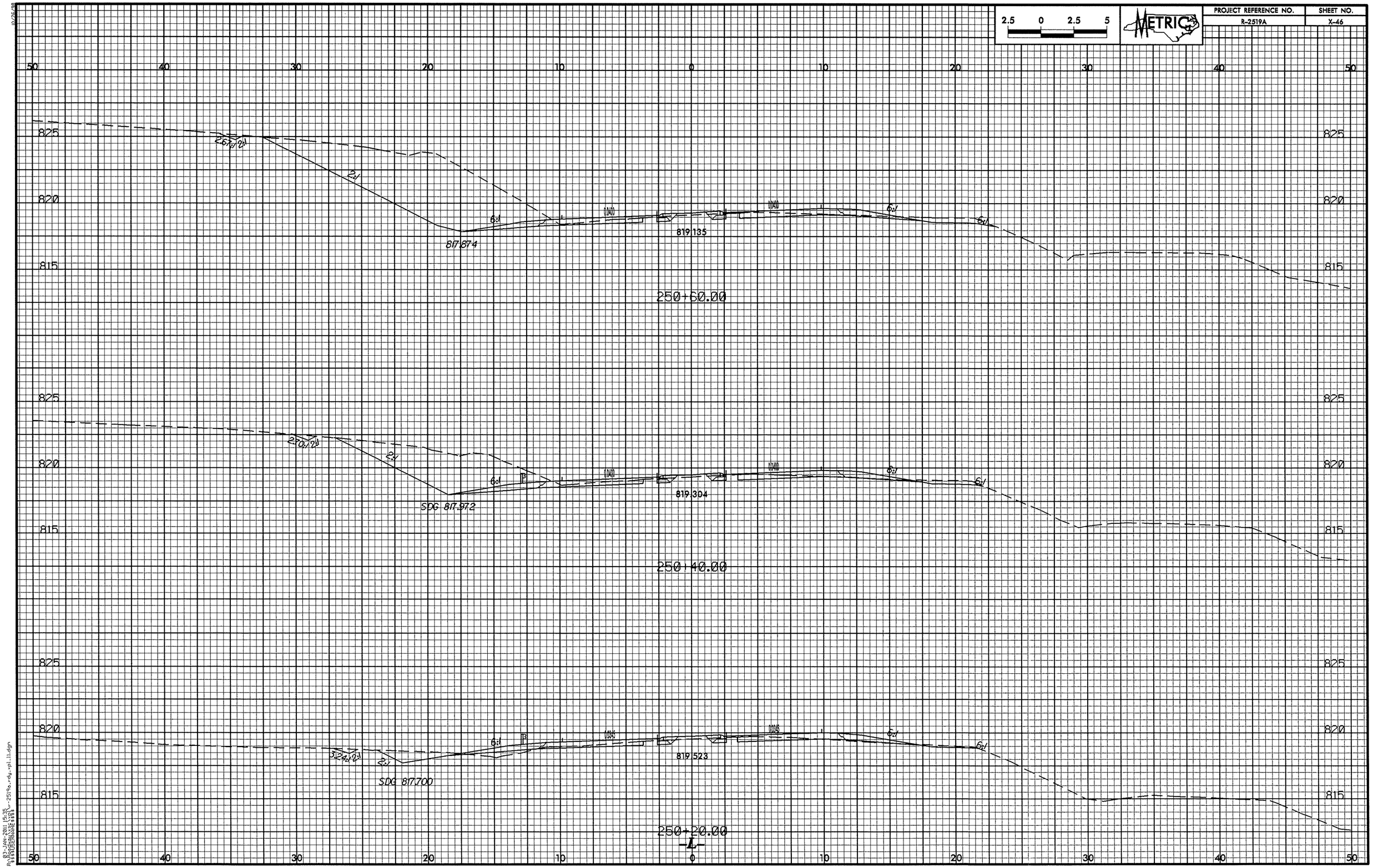

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METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-46
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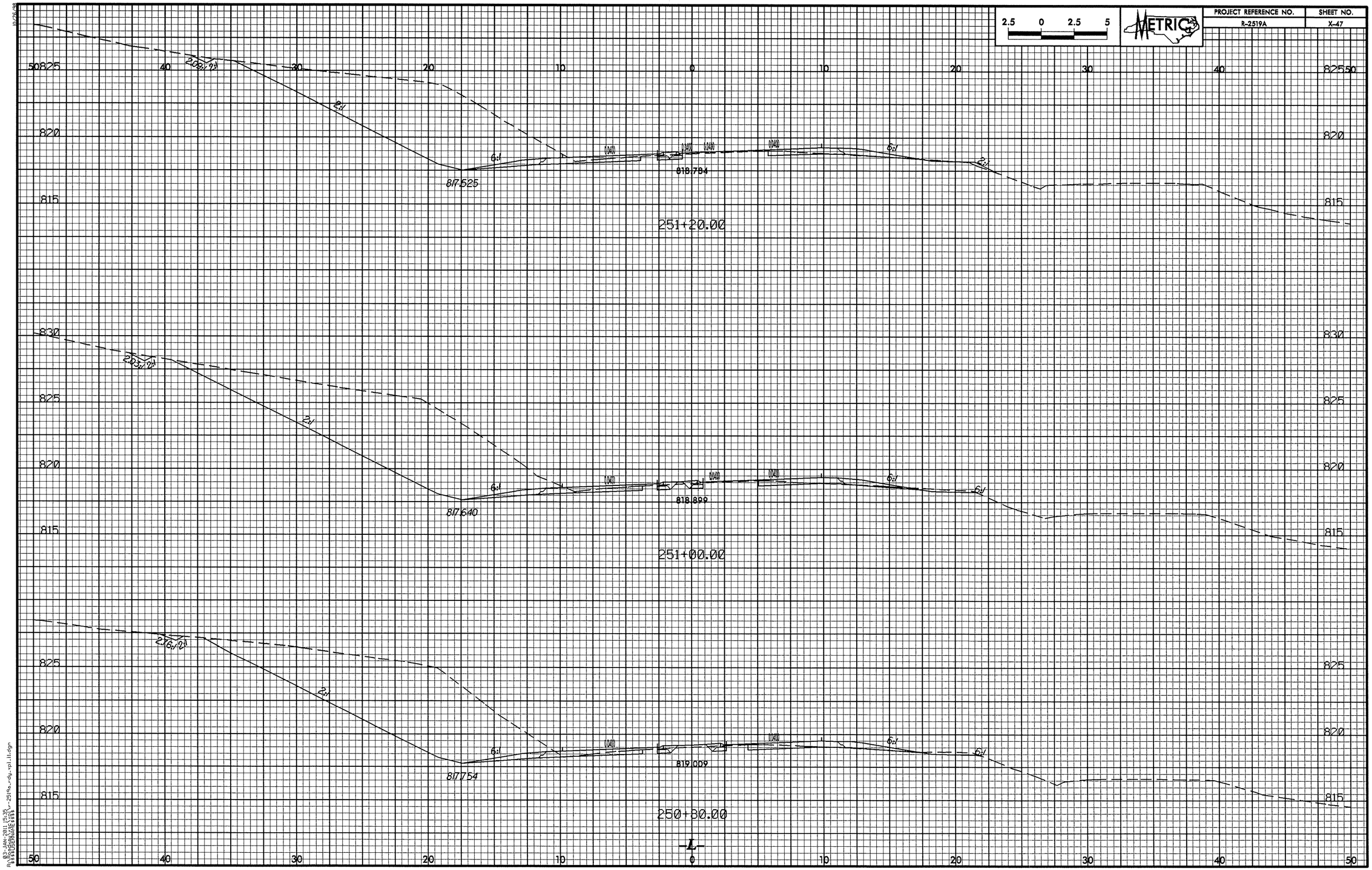
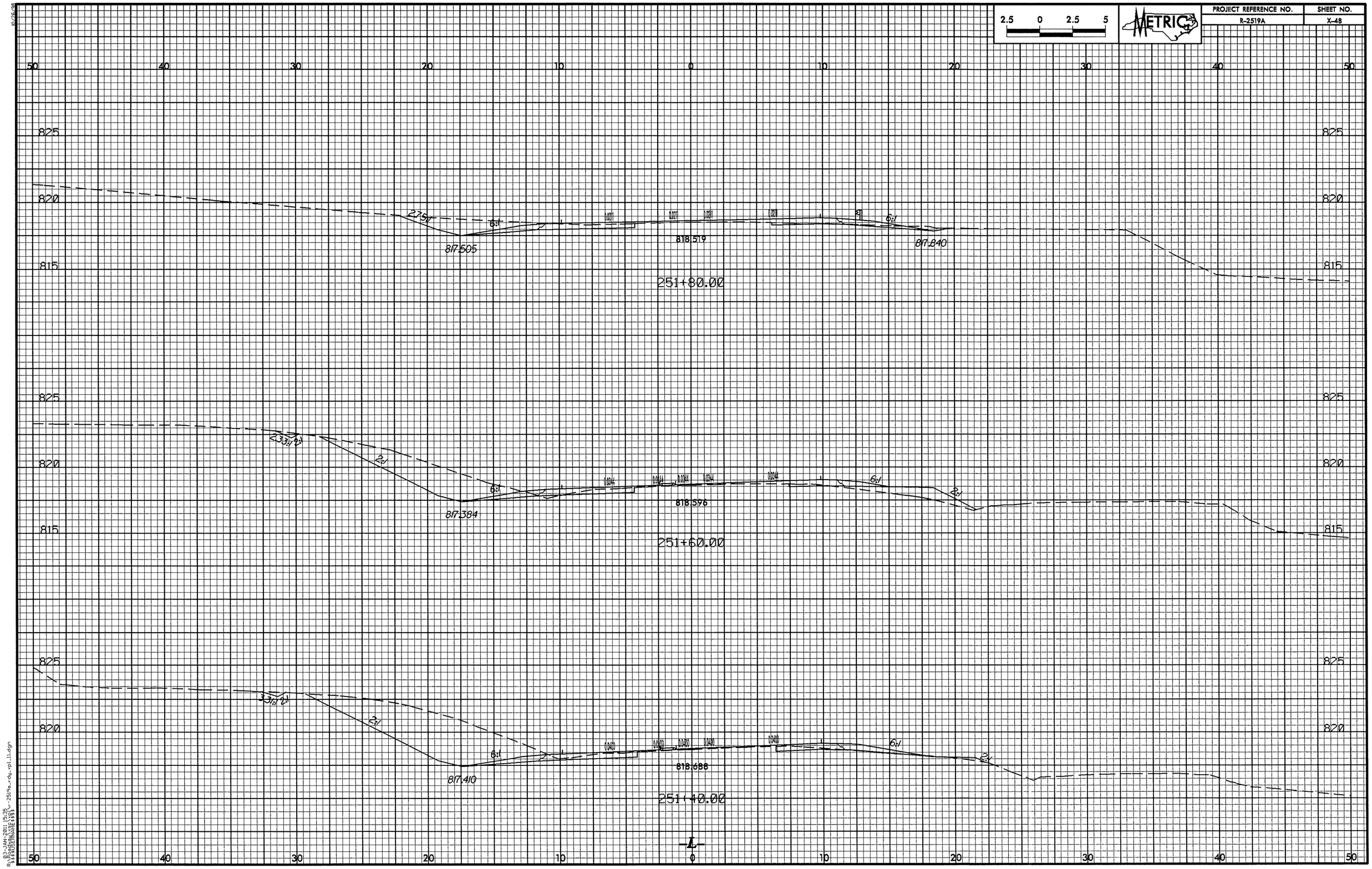
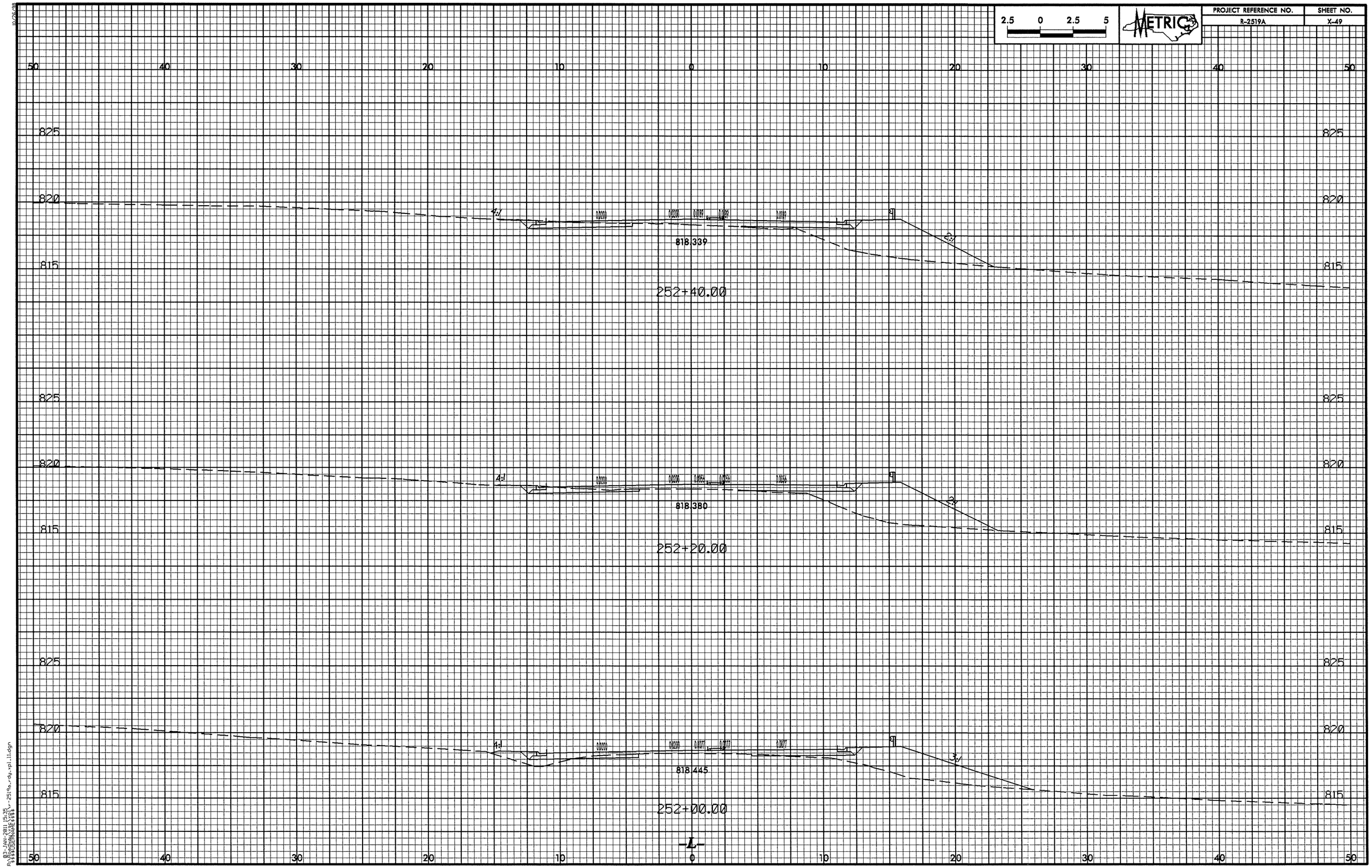
825
820
815
2.67:1 2:1
2:1
6:1
817.874
819.135
250+60.00
2.70:1 2:1
SDG 817.972
819.304
250+40.00
3.24:1 2:1
SDG 817.700
819.523
250+20.00
-L-



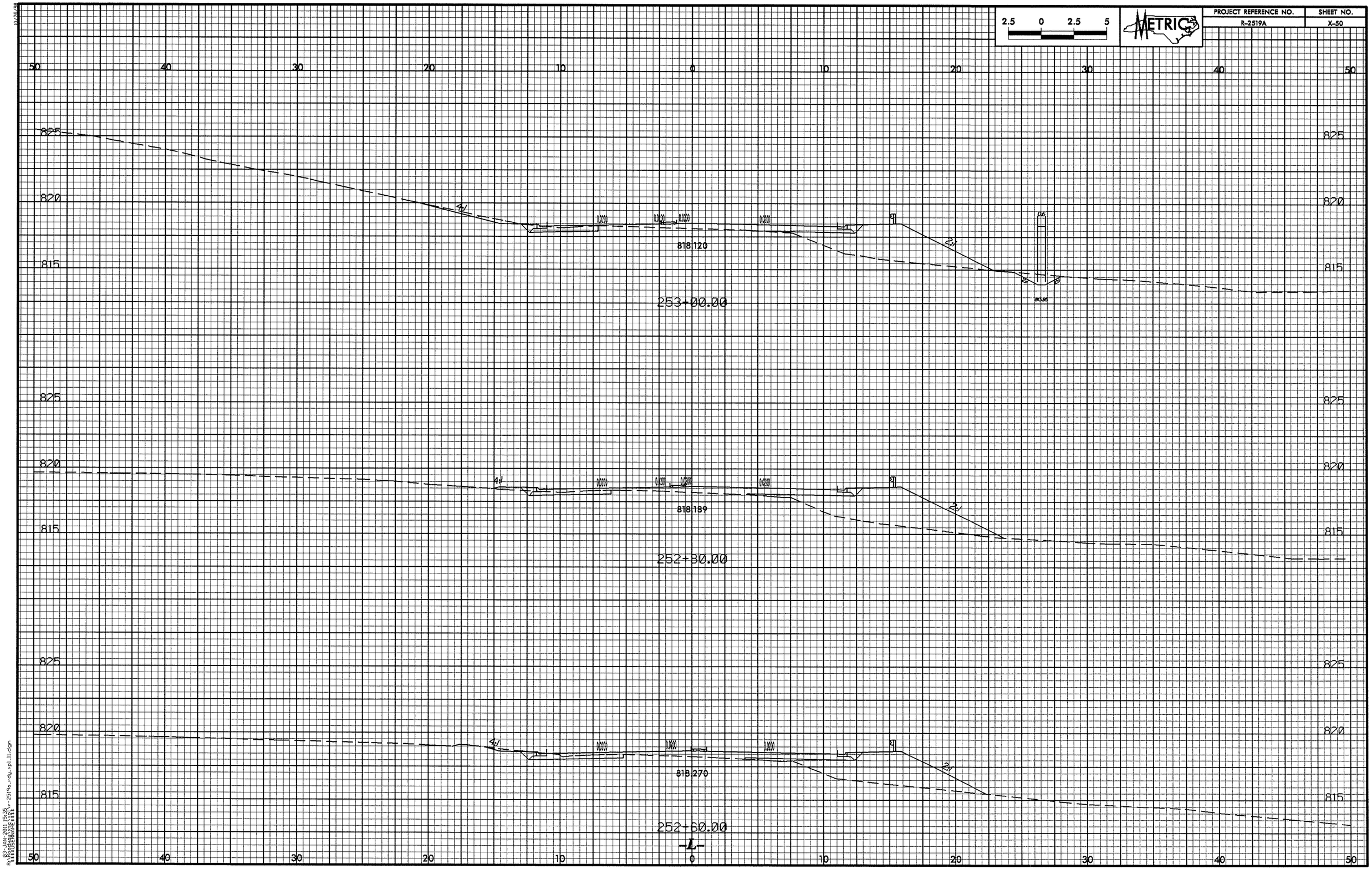
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-47
825
820
815
2.09:1
2:1
6:1
0.0400
817.525
818.784
251+20.00
830
2.03:1
817.640
818.899
251+00.00
2.76:1
817.754
819.009
250+80.00
-L-
50
40
30
20
10
0



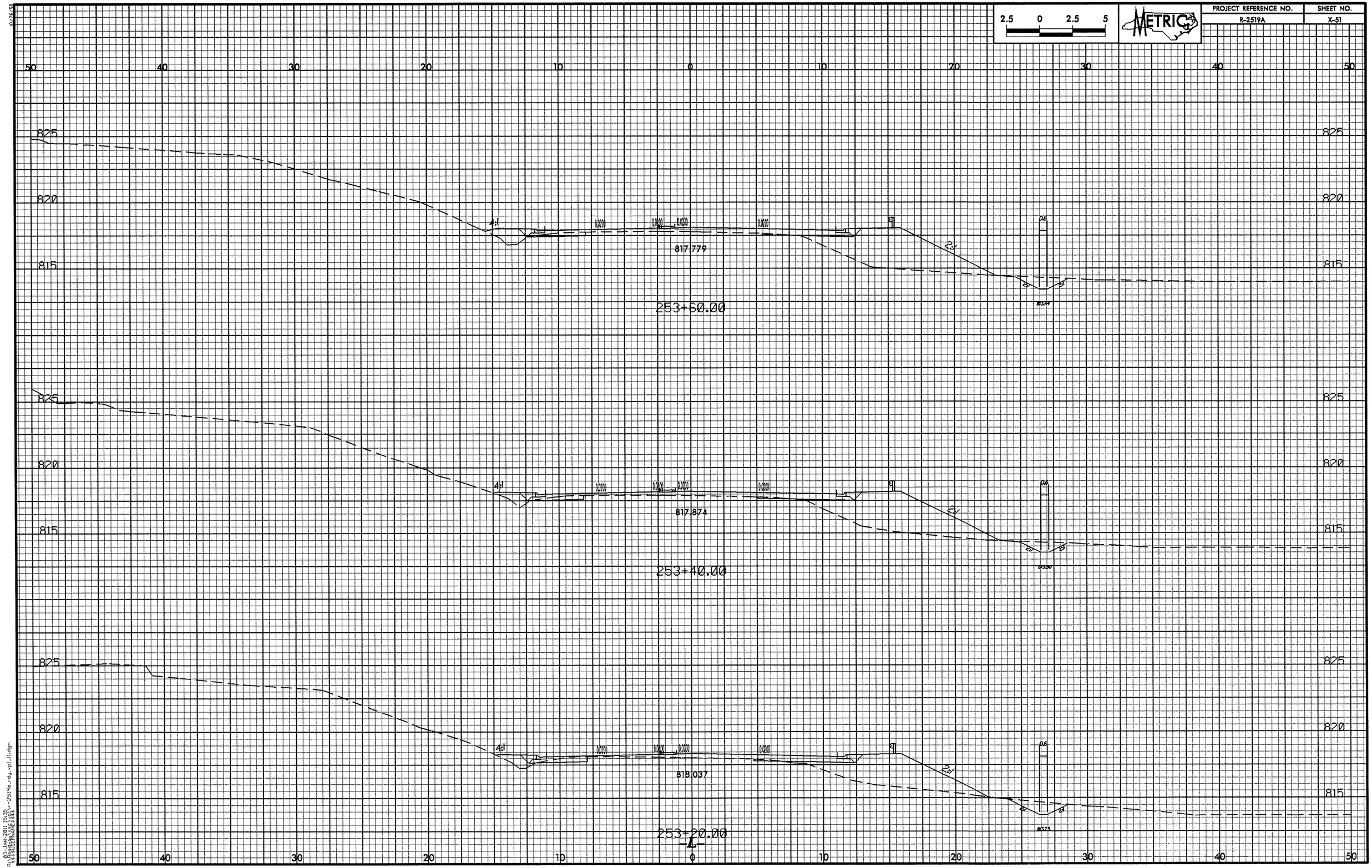
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-48
50 40 30 20 10 0 10 20 30 40 50
825
820
815
2.75:1
6:1
817.505
818.519
817.840
251+80.00
2.33:1
2:1
817.384
818.596
251+60.00
3.31:1
817.410
818.688
251+40.00
-L-



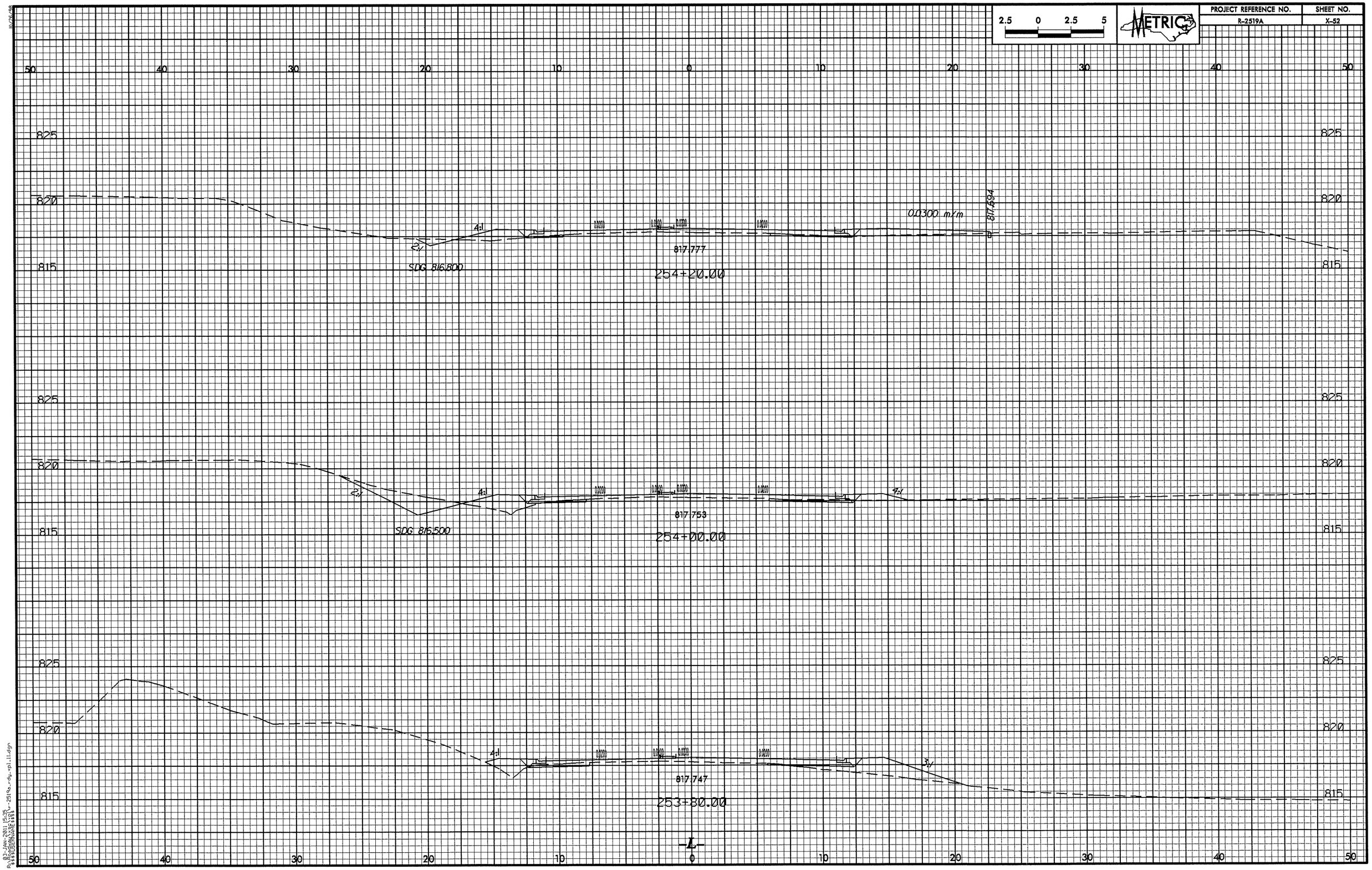
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-49
50 40 30 20 10 0 10 20 30 40 50
825
820
815
4:1
2:1
818.339
252+40.00
818.380
252+20.00
3:1
818.445
252+00.00
-L-



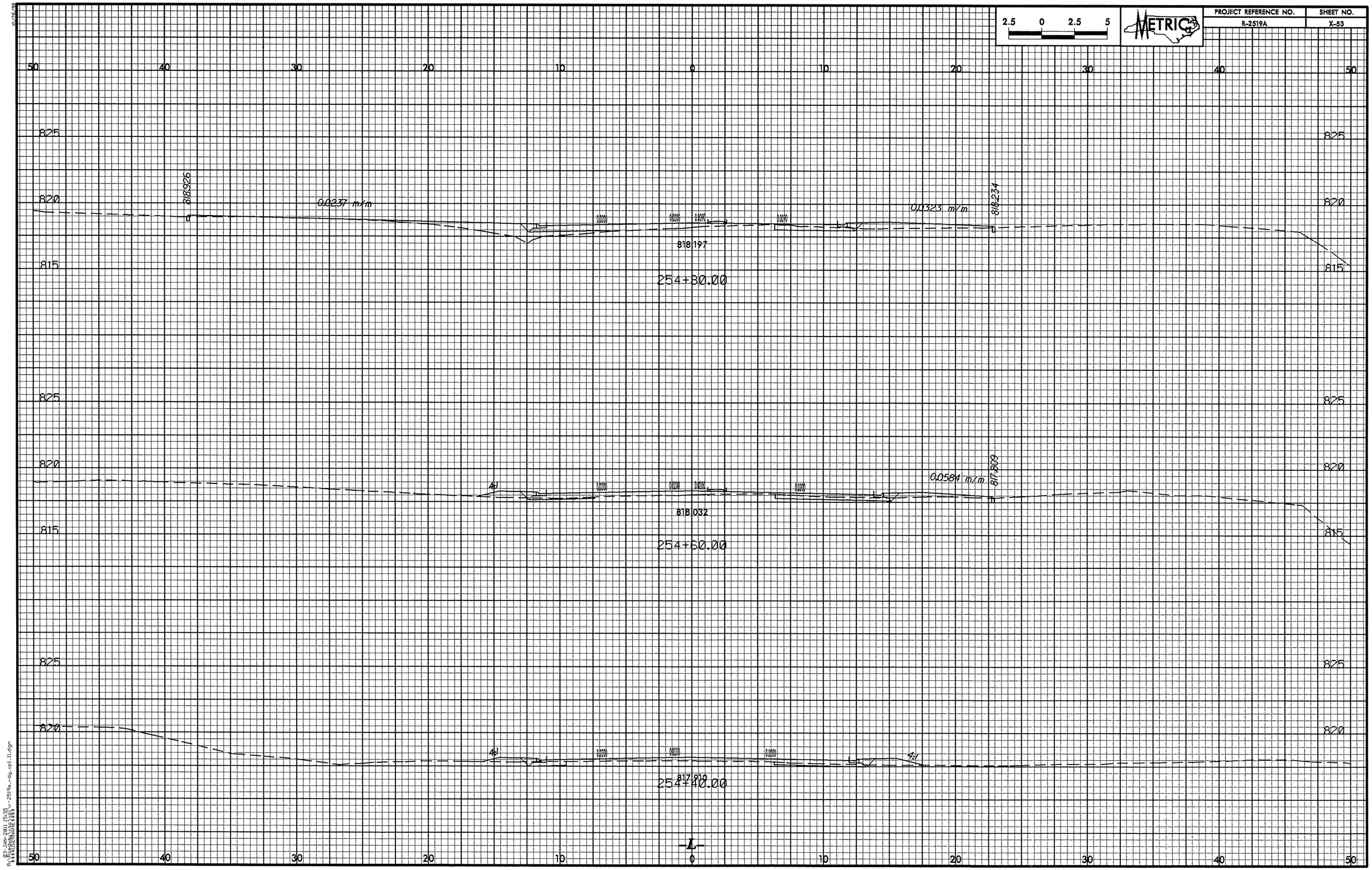
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-50
50 40 30 20 10 0 10 20 30 40 50
825
820
815
4:1
2:1
818.120
253+00.00
818.189
252+80.00
818.270
252+60.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-51
50 40 30 20 10 0 10 20 30 40 50
825
820
815
4:1
2:1
0.6
817.779
253+60.00
817.874
253+40.00
818.037
253+20.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-52
50 40 30 20 10 0 10 20 30 40 50
825
820
815
0.0300 m/m
817.694
4:1
2:1
SDG 816.800
817.777
254+20.00
4:1
2:1
4:1
SDG 816.500
817.753
254+00.00
4:1
3:1
817.747
253+80.00
-L-



03-JAN-2011 15:26
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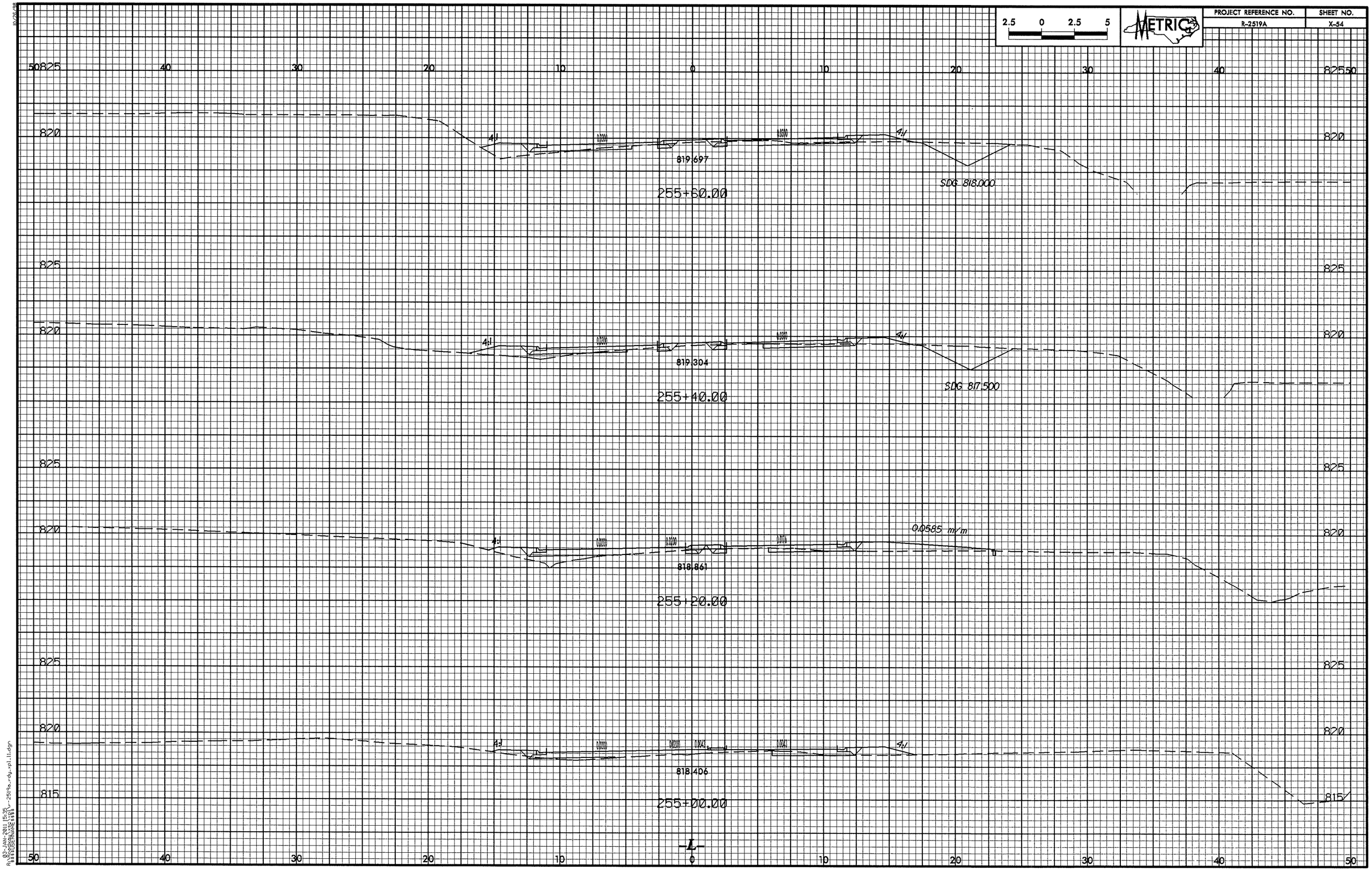
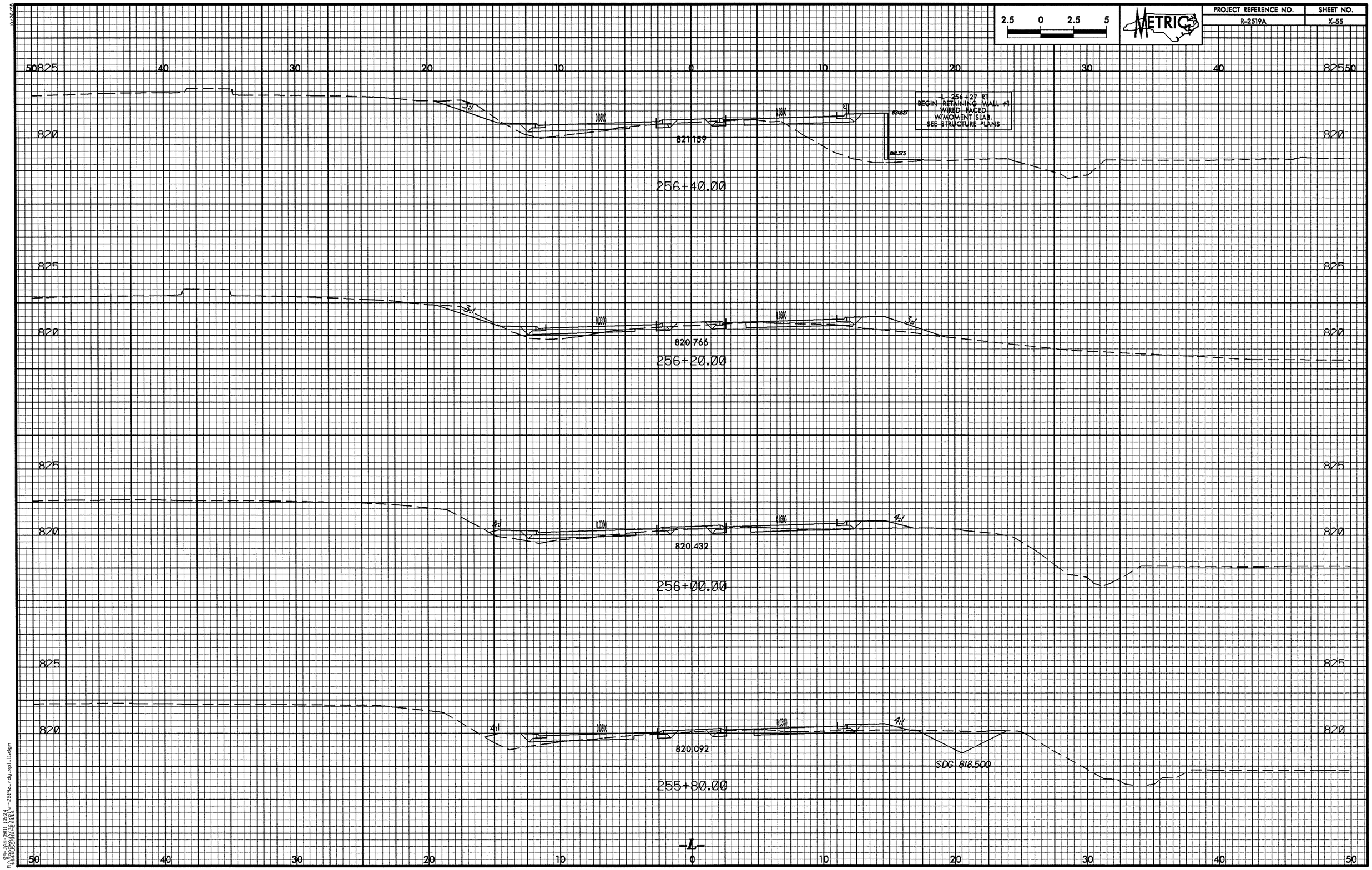
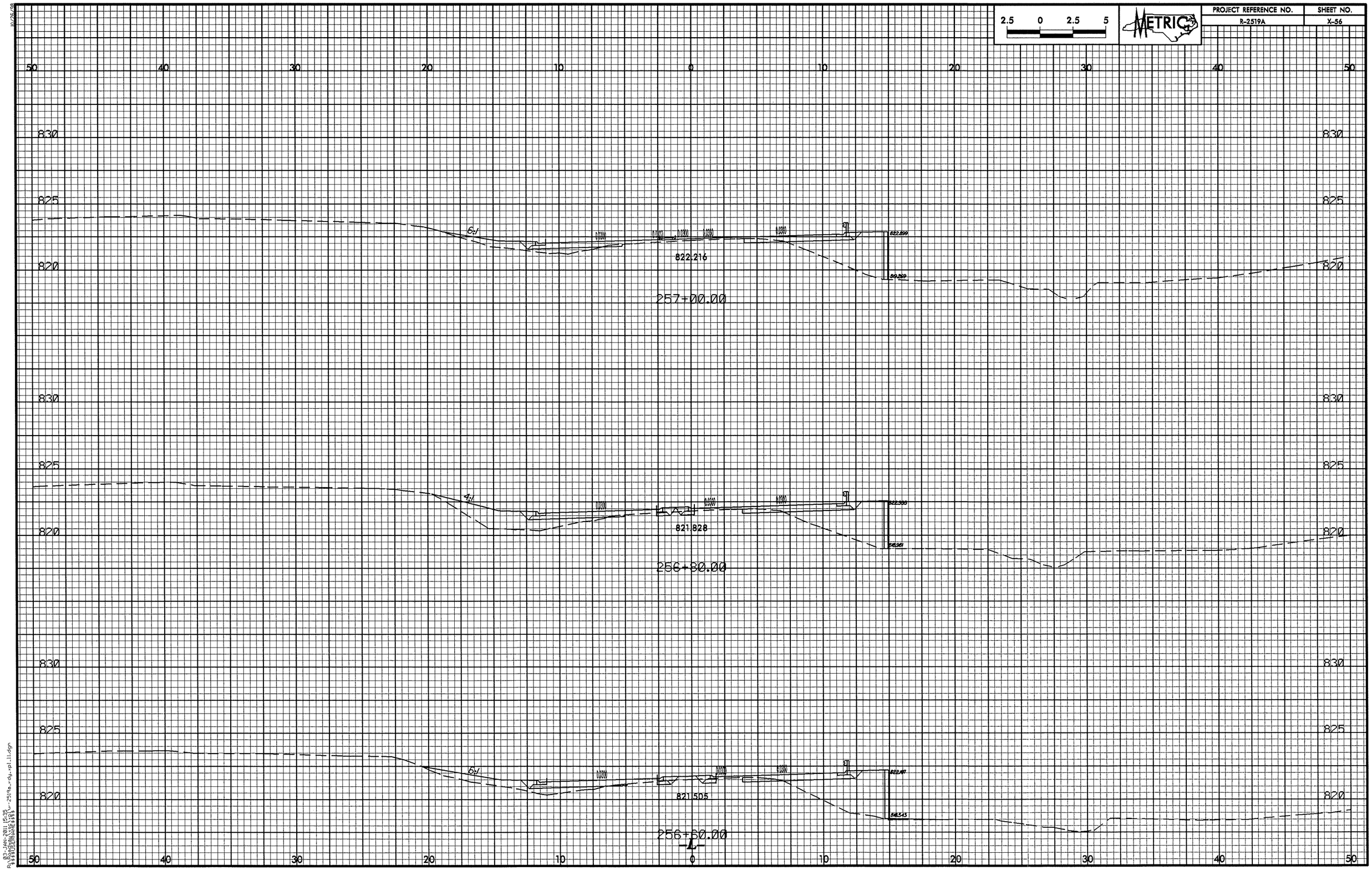
$$$$USERNAME$$$$



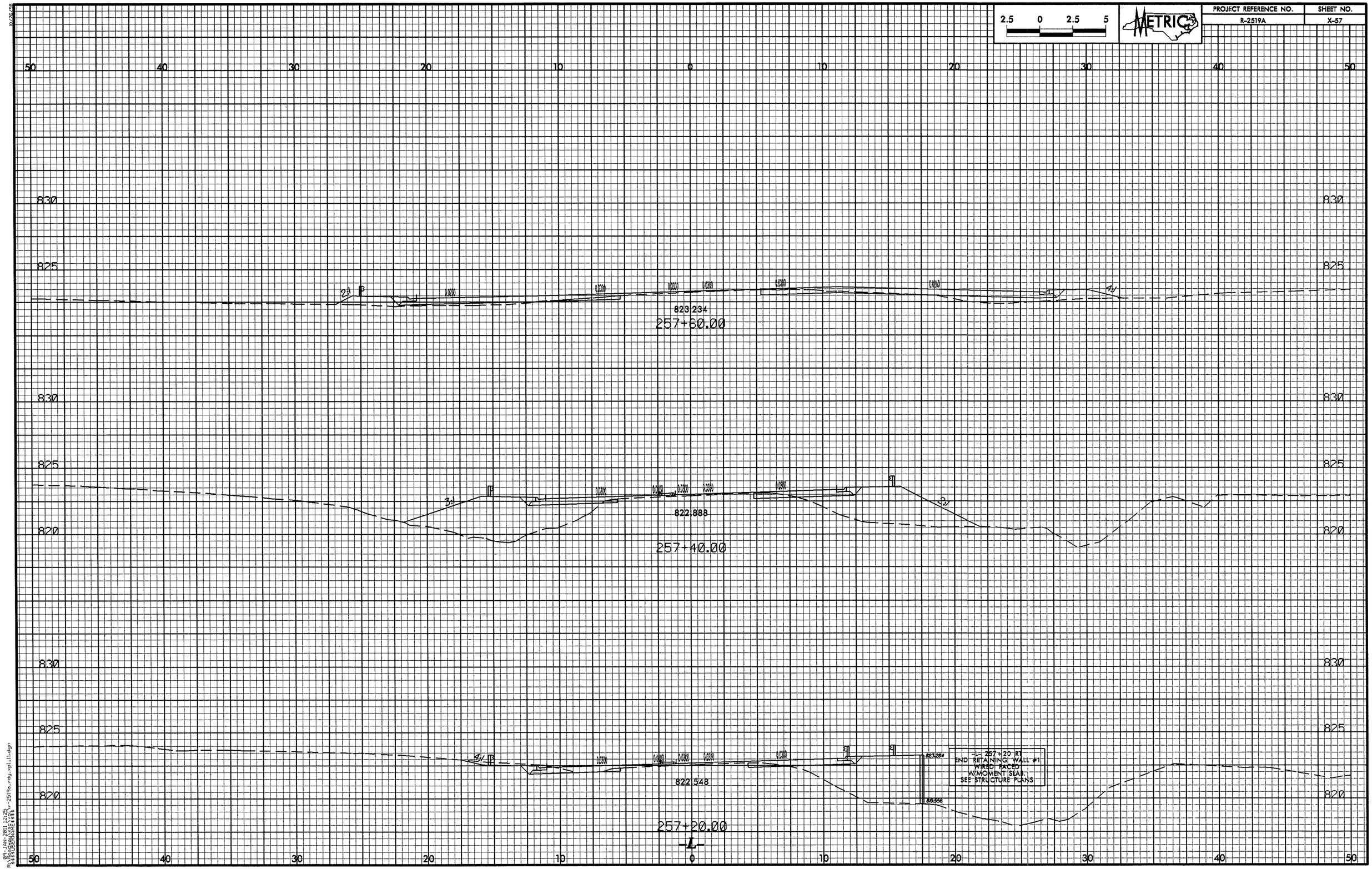
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-54
50825
40
30
20
10
0
10
20
30
40
825 50
820
4:1
819.697
SDG 818.000
255+60.00
825
820
4:1
819.304
SDG 817.500
255+40.00
825
820
0.0585 m/m
4:1
818.861
255+20.00
825
820
4:1
818.406
815
255+00.00
-L-
50
40
30
20
10
0
10
20
30
40
50

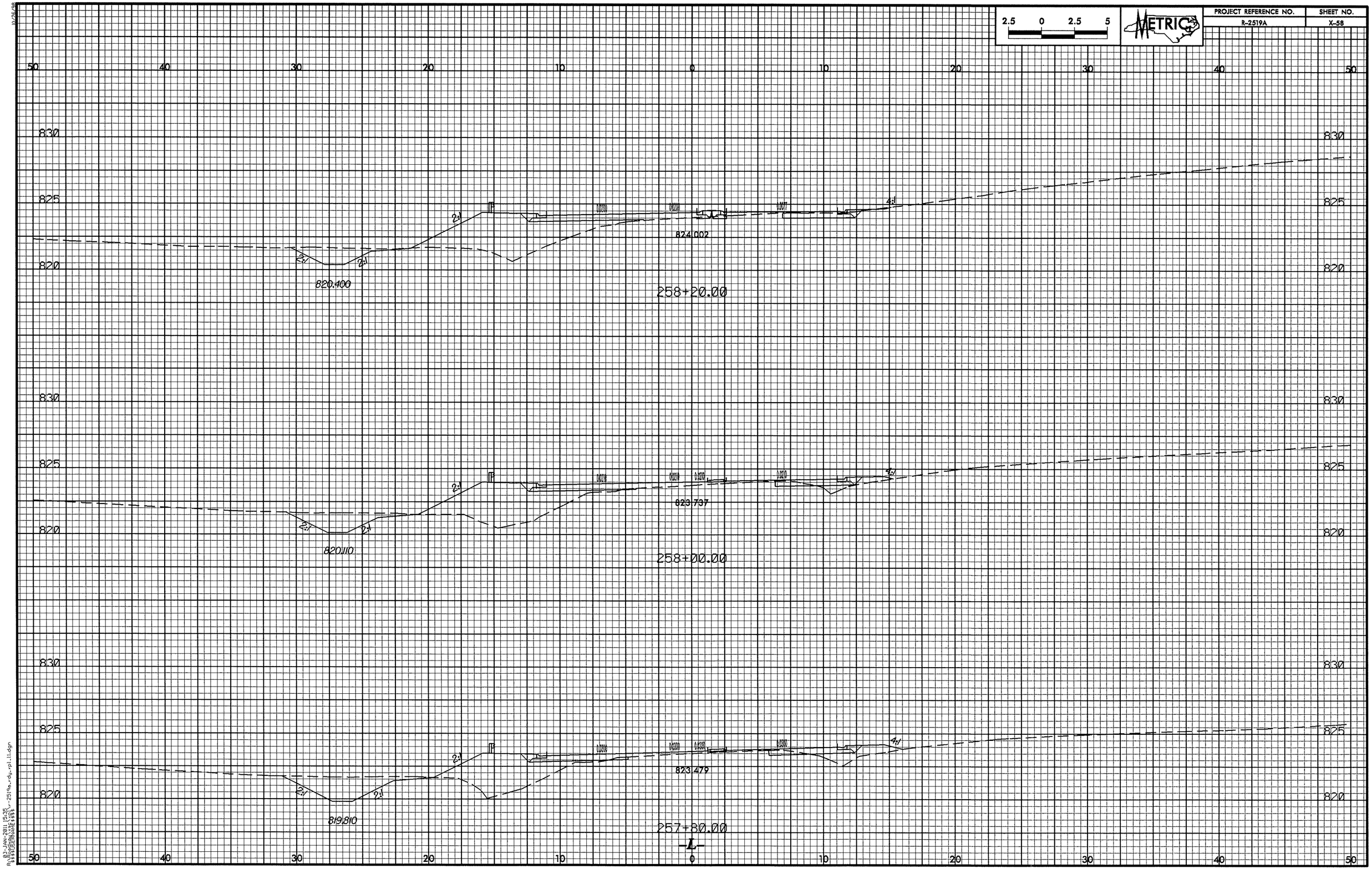


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-55
L 256+27 RT
BEGIN RETAINING WALL #1
WIRED FACED
W/MOMENT SLAB.
SEE STRUCTURE PLANS
821.159
256+40.00
820.766
256+20.00
820.432
256+00.00
820.092
SDG 818.500
255+80.00
-L-

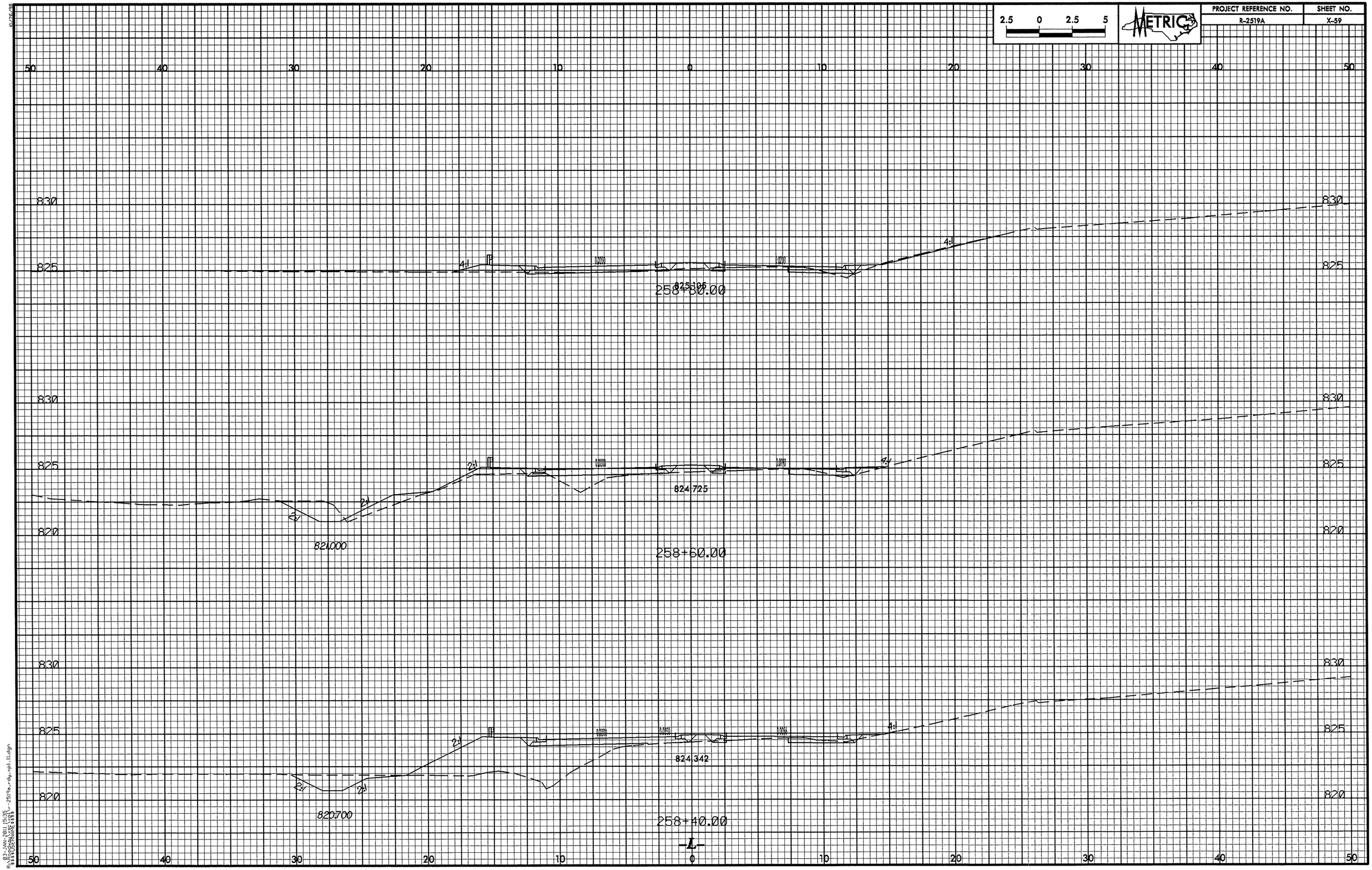


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-56
50 40 30 20 10 0 10 20 30 40 50
830
825
820
6:1
822.216
257+00.00
4:1
821.828
256+80.00
6:1
821.505
256+60.00
-L-

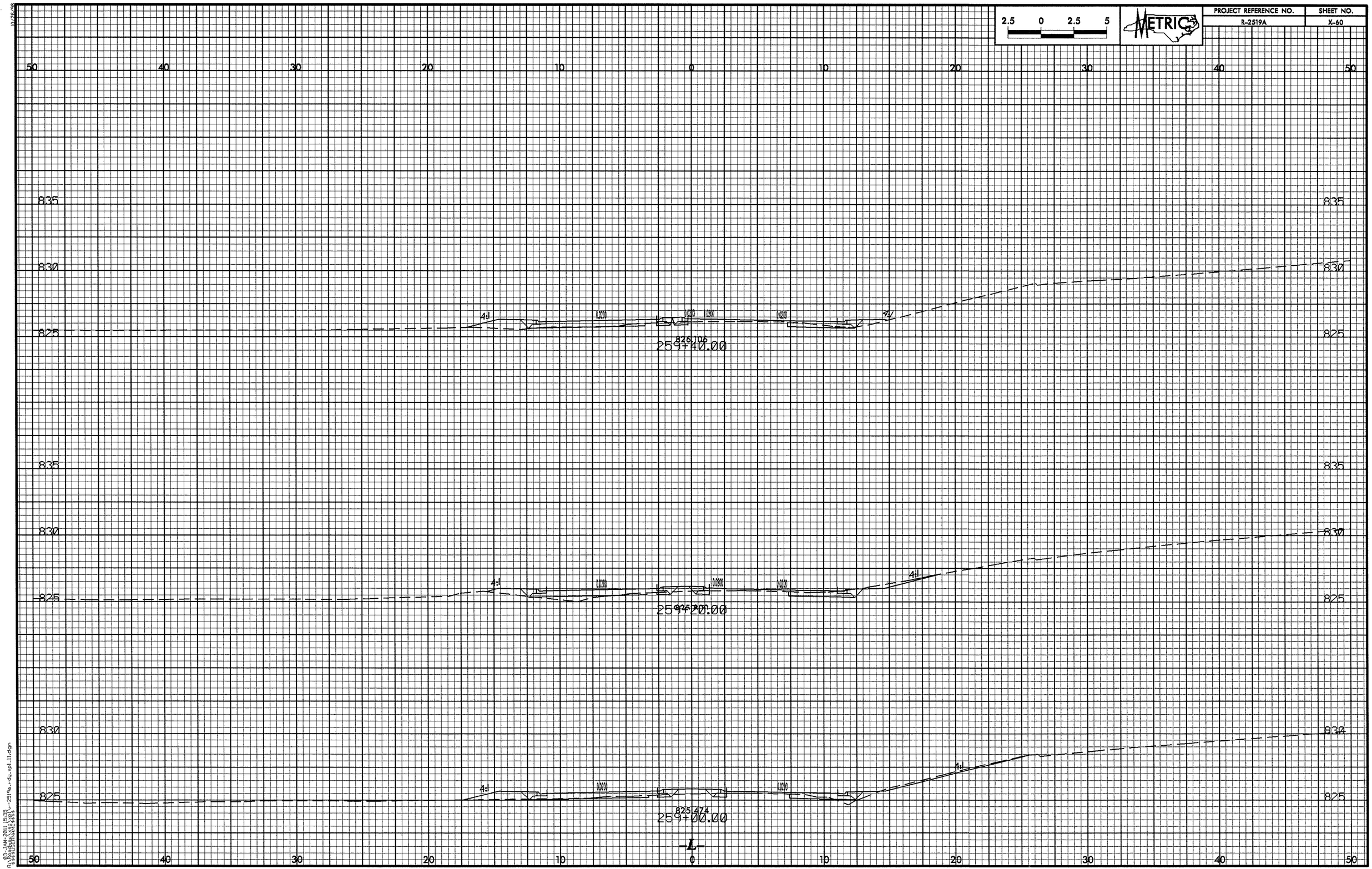

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-57
50 40 30 20 10 0 10 20 30 40 50
830
825
820
2:1
0.020
823.234
257+60.00
3:1
822.888
257+40.00
822.548
257+20.00
-L-
823.284
823.558
-L- 257+20 RT
END RETAINING WALL #1
WIRED FACED
W/MOMENT SLAB.
SEE STRUCTURE PLANS



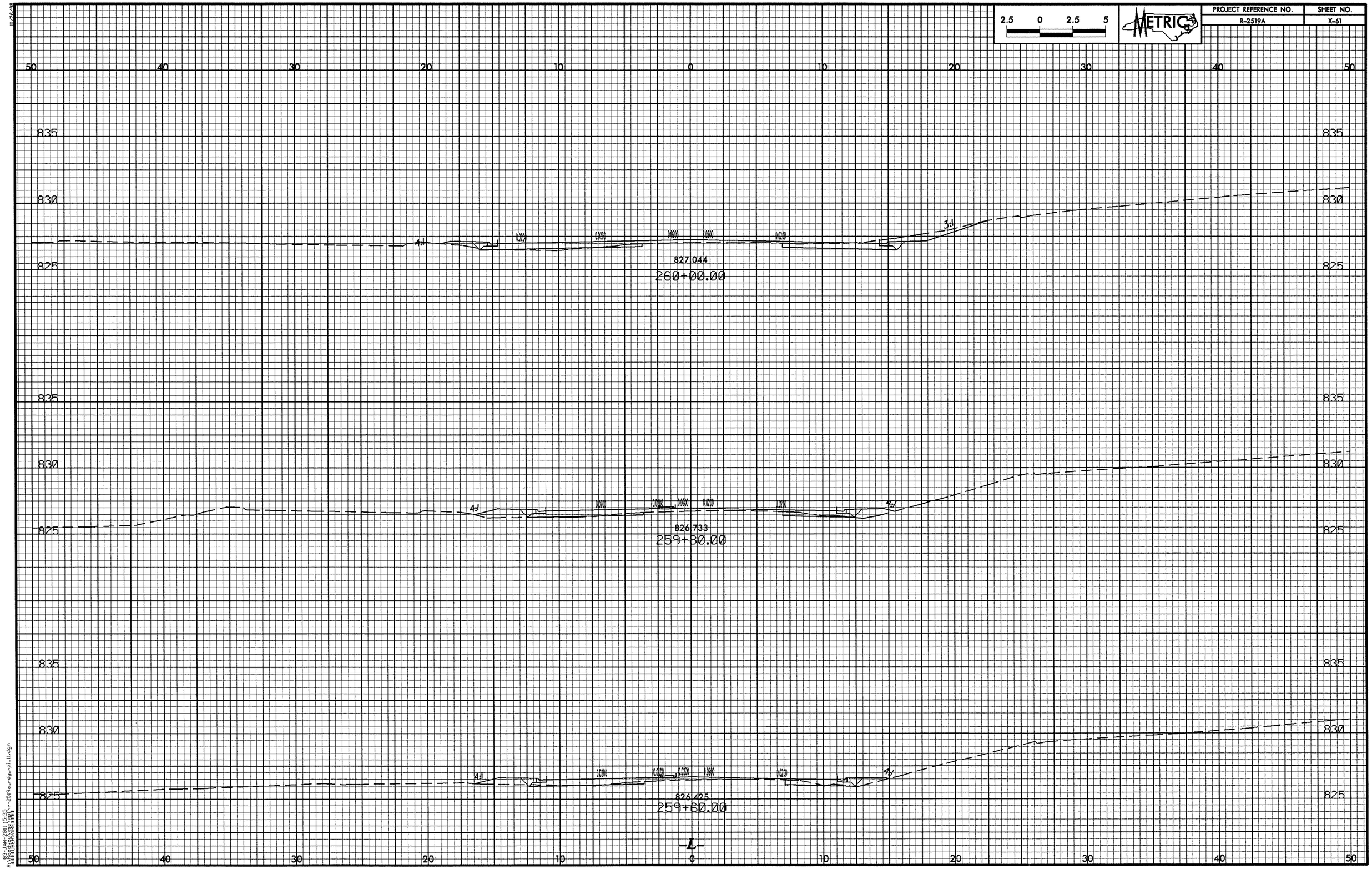
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-58
50 40 30 20 10 0 10 20 30 40 50
830
825
820
2:1
4:1
824.002
820.400
258+20.00
823.737
820.110
258+00.00
823.479
819.810
257+80.00
-L-



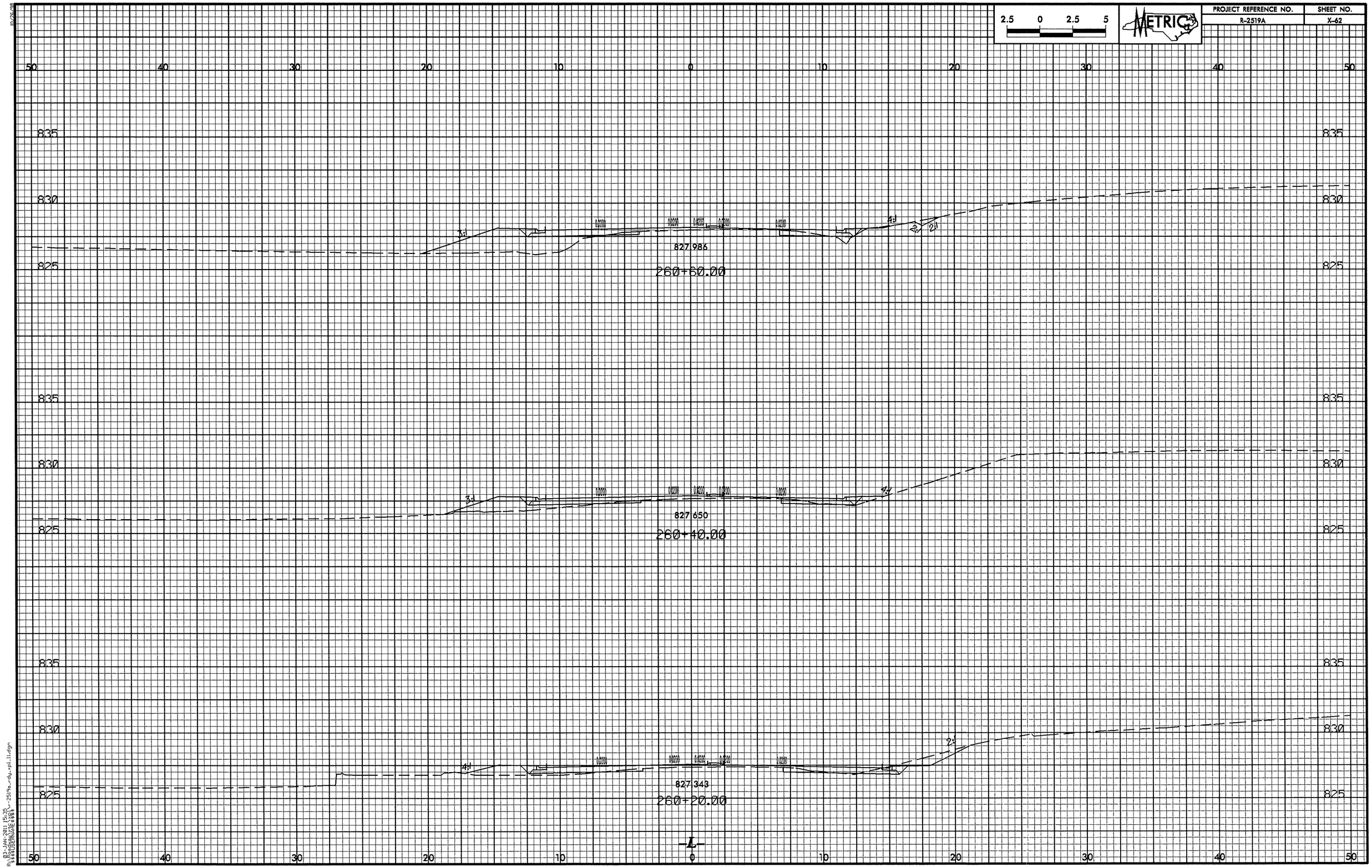
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-59
50 40 30 20 10 0 10 20 30 40 50
830
825
820
4:1
2:1
825+05
258+50.00
824.725
821.000
258+60.00
824.342
820.700
258+40.00
-L-



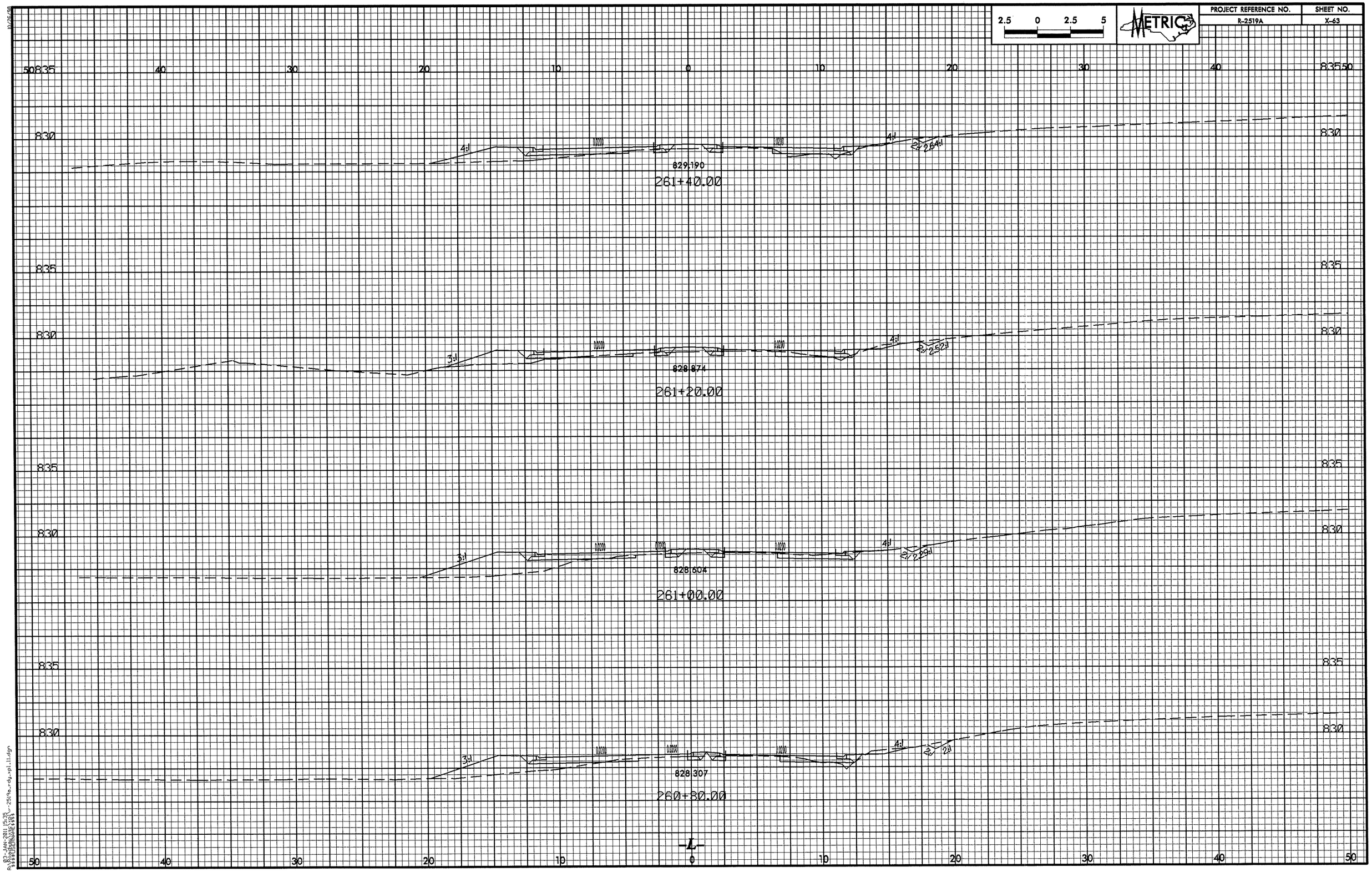
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-60
50 40 30 20 10 0 10 20 30 40 50
835
830
825
4:1
0.0200
826.106
259+40.00
825.474
259+00.00
-L-



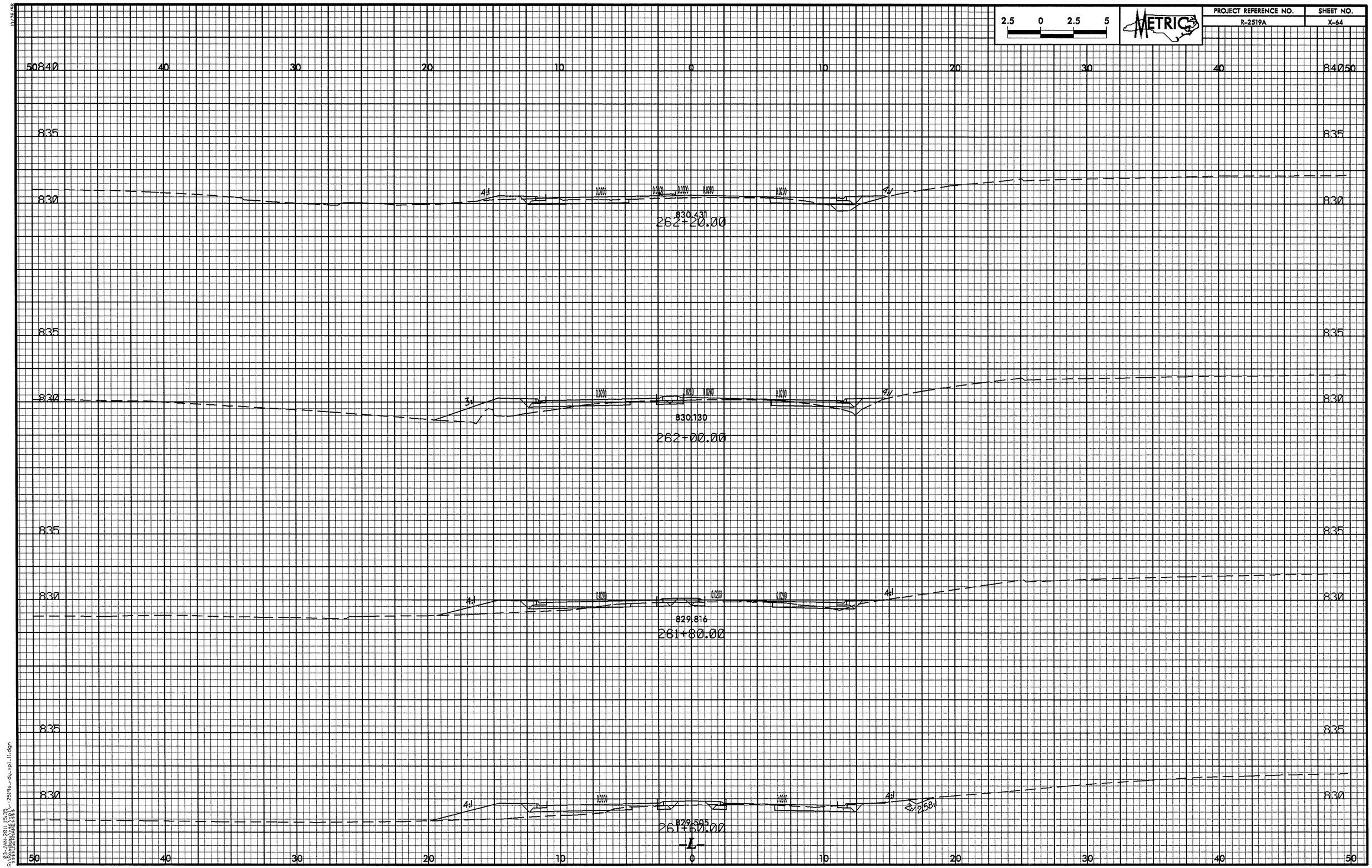
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-61
50 40 30 20 10 0 10 20 30 40 50
835
830
825
4:1
3:1
827.044
260+00.00
826.733
259+80.00
826.425
259+60.00
-L-

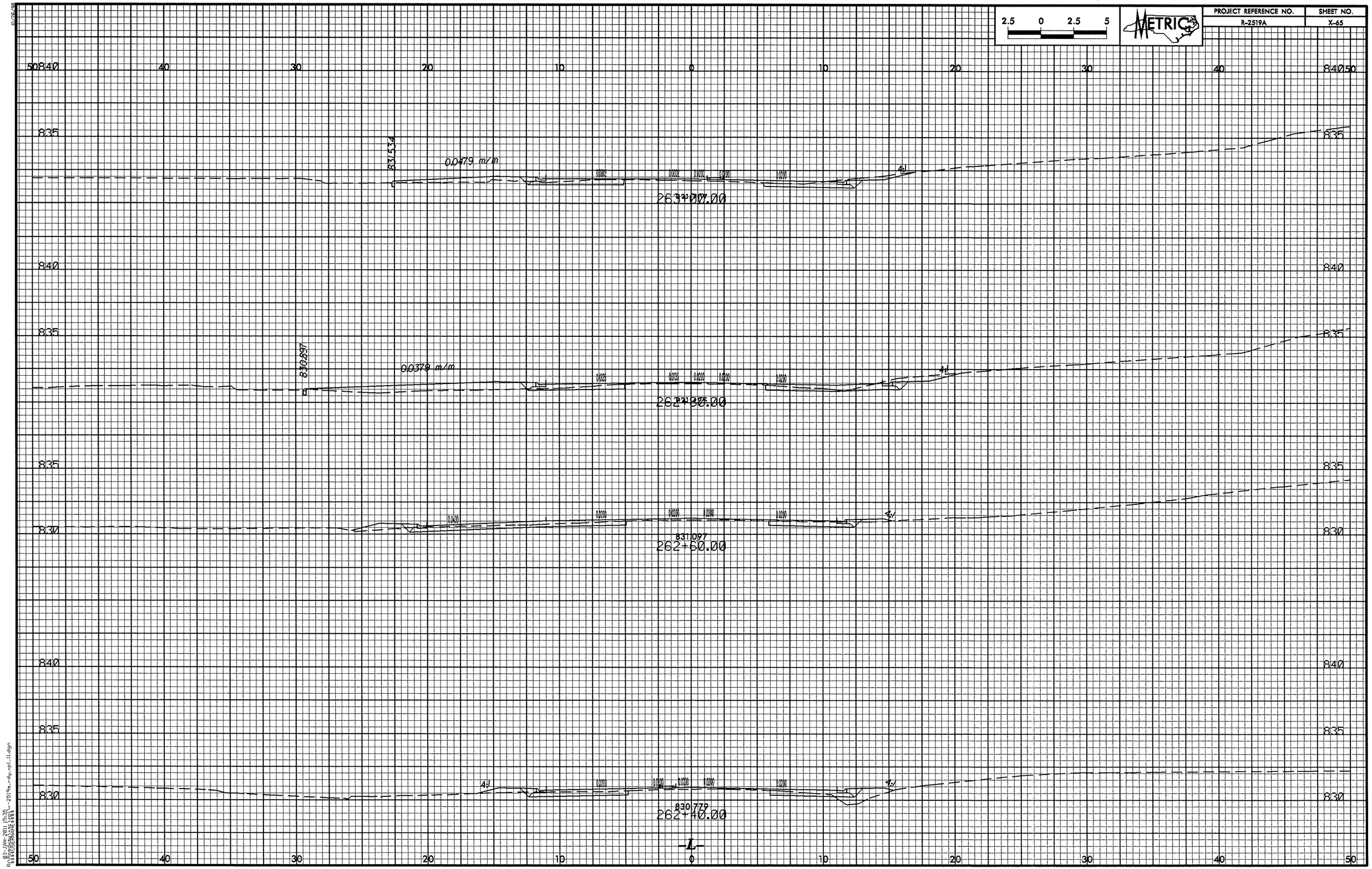


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-62
50 40 30 20 10 0 10 20 30 40 50
835
830
825
3:1
4:1
2:1
827 986
260+60.00
827 650
260+40.00
827 343
260+20.00
-L-

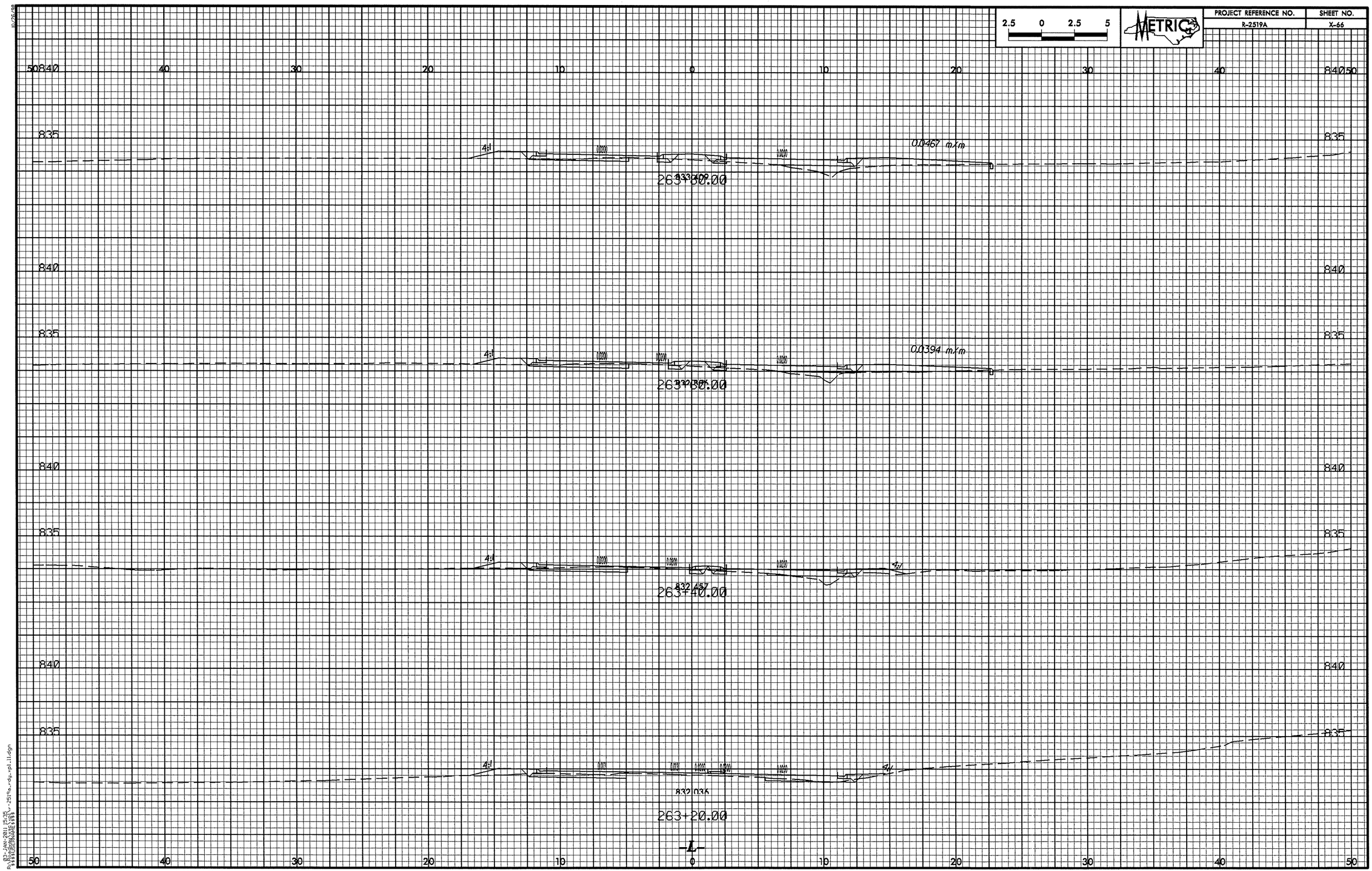


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-63
50 835 40 30 20 10 0 10 20 30 40 835 50
830
4:1
2:1 2.64:1
829.190
261+40.00
835
830
3:1
4:1
2:1 2.52:1
828.874
261+20.00
835
830
3:1
4:1
2:1 2.29:1
828.604
261+00.00
835
830
3:1
4:1
2:1 2:1
828.307
260+80.00
-L-
50 40 30 20 10 0 10 20 30 40 50

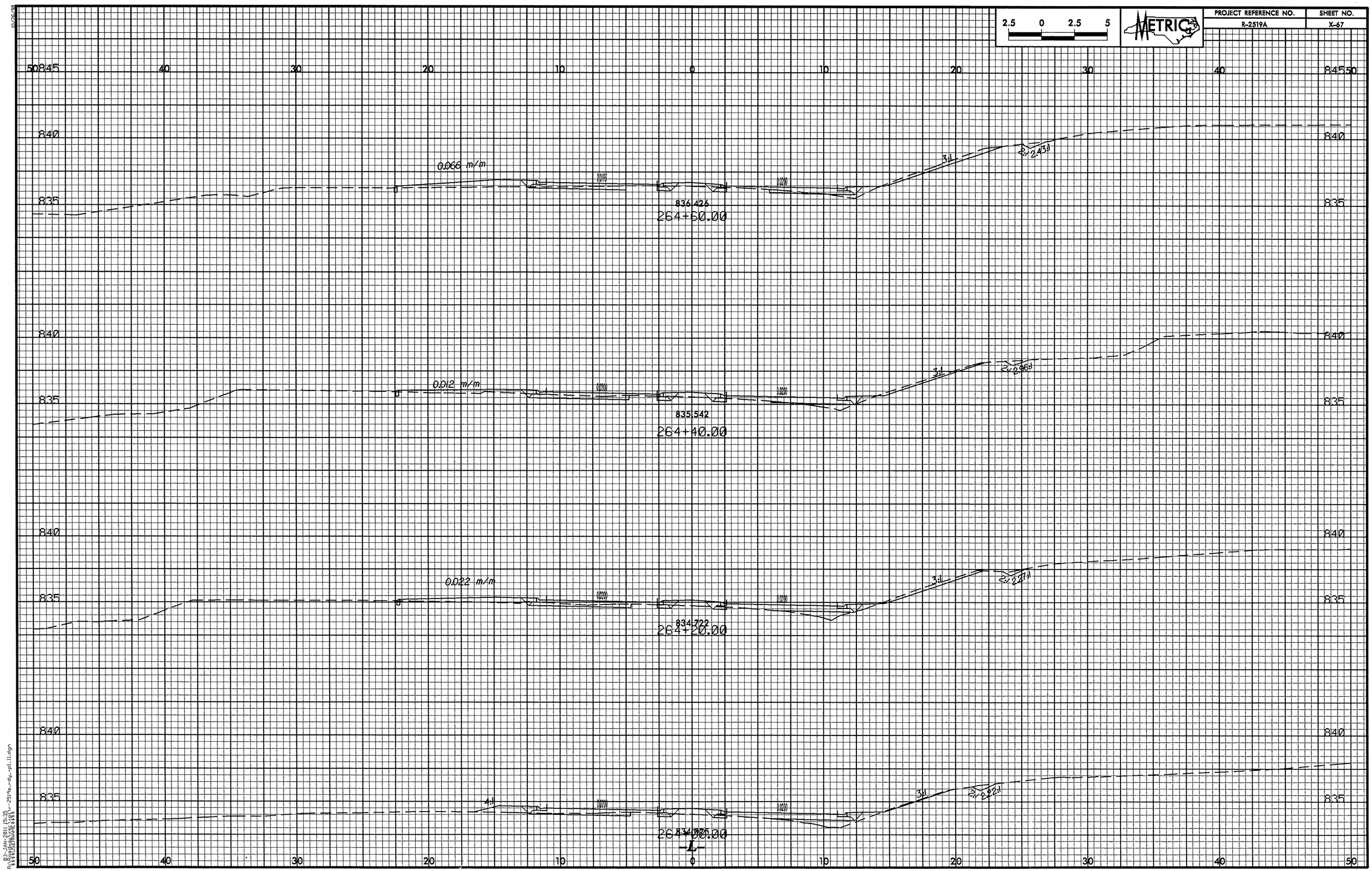

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-64
50 40 30 20 10 0 10 20 30 40 50
835
830
4:1
830.431
262+20.00
830.130
262+00.00
829.816
261+80.00
829.505
261+60.00
2:1
-L-

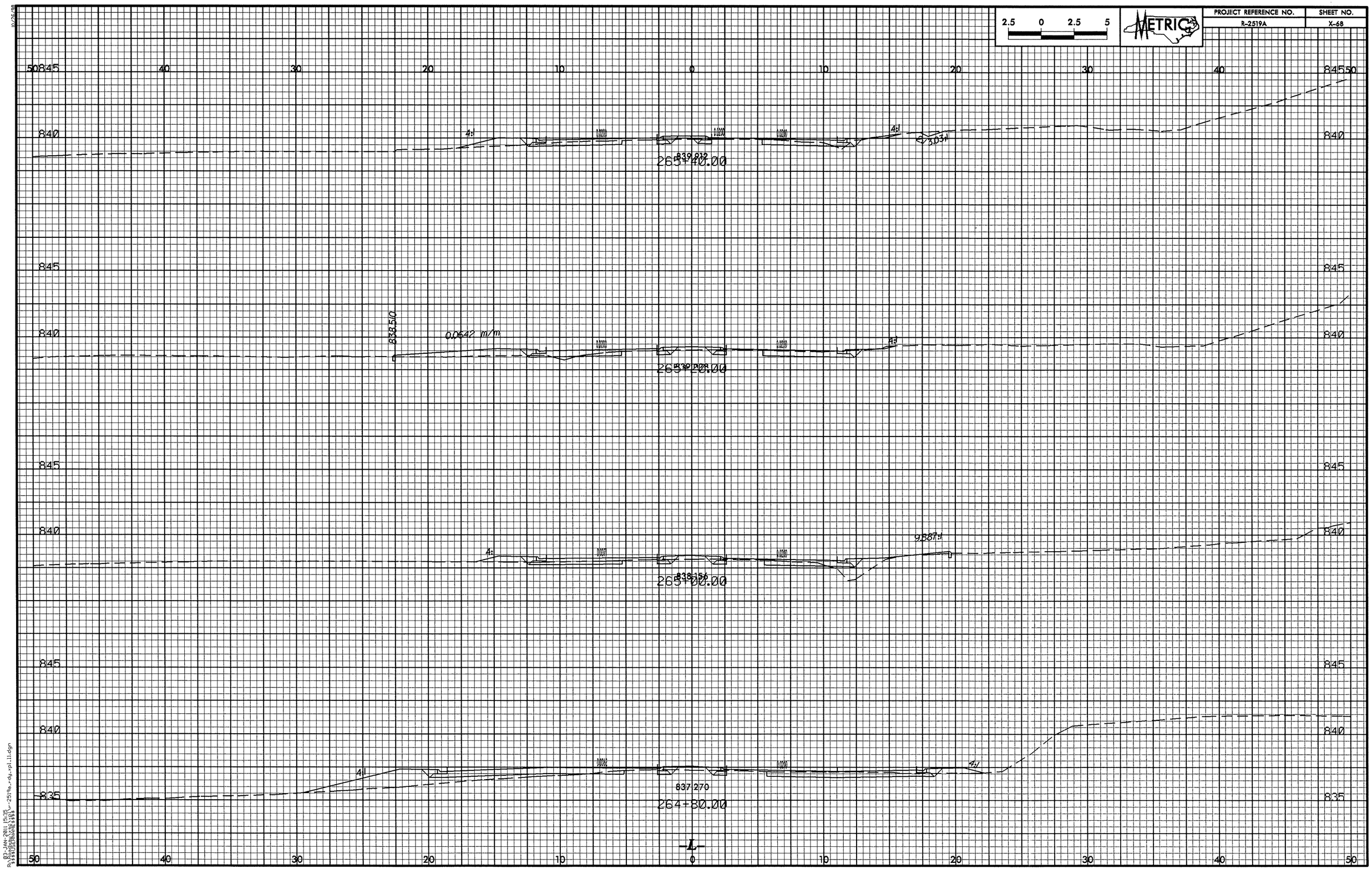

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-65
50 40 30 20 10 0 10 20 30 40 50
840
835
0.0479 m/m
833.534
263+00.00
0.0379 m/m
830.897
262+80.00
831.097
262+60.00
830.779
262+40.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-66

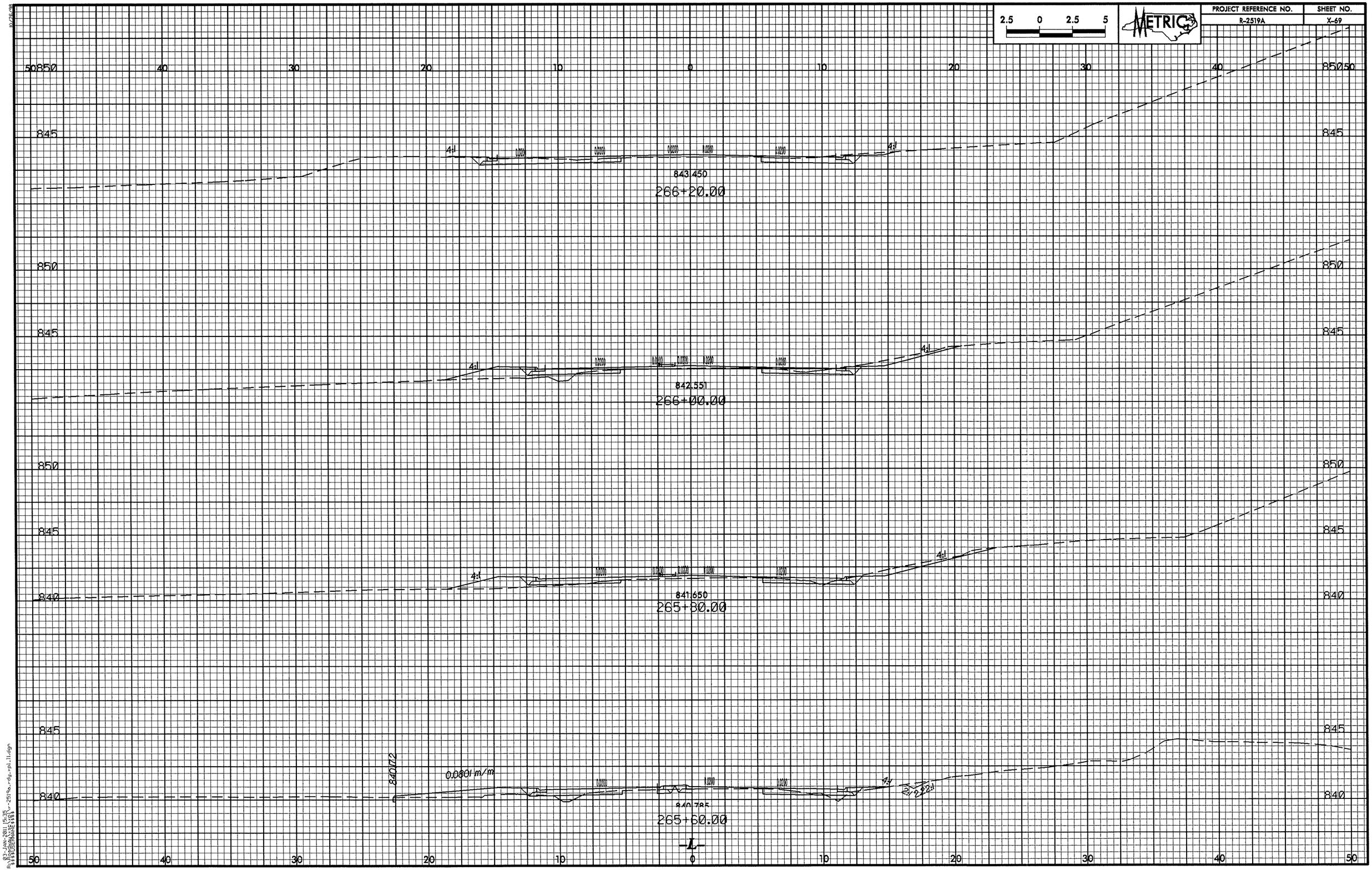


PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-67





2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-68
845
840
835
4:1
3.03:1
839.912
265+40.00
838.510
0.0642 m/m
265+20.00
9.887:1
838.156
265+00.00
837.270
264+80.00
-L-



10/26/98

03-JAN-2011 15:35
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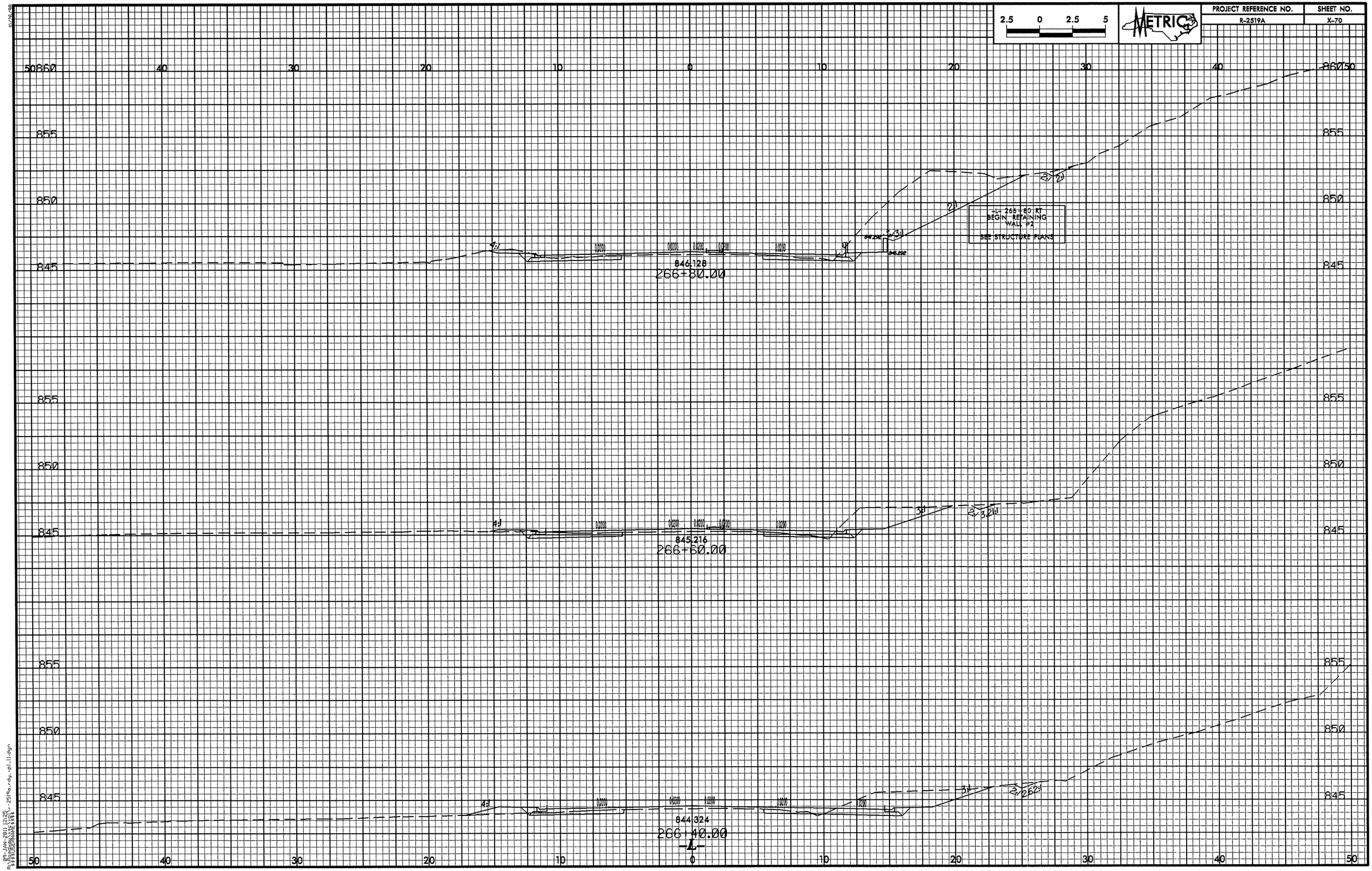
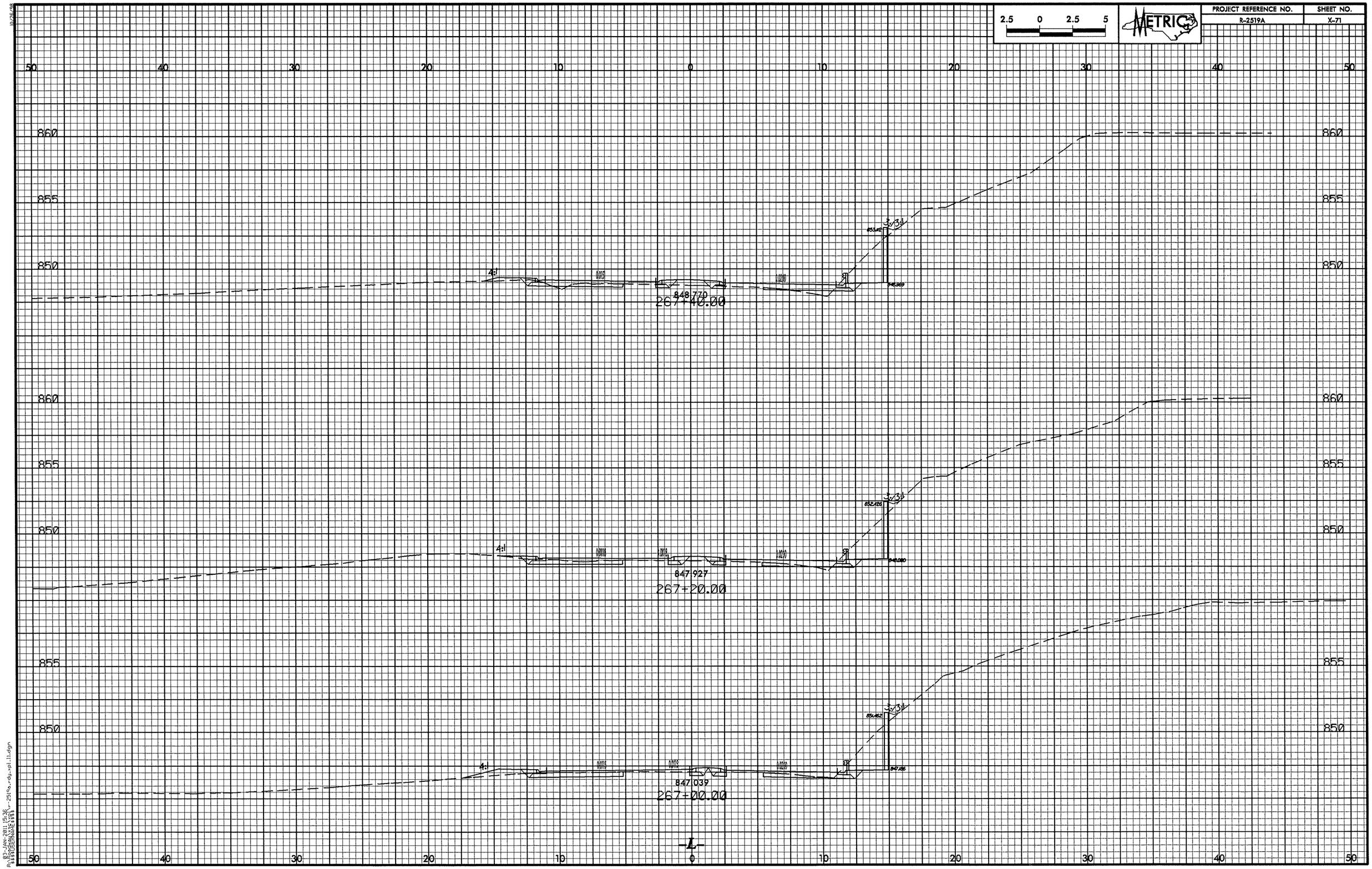
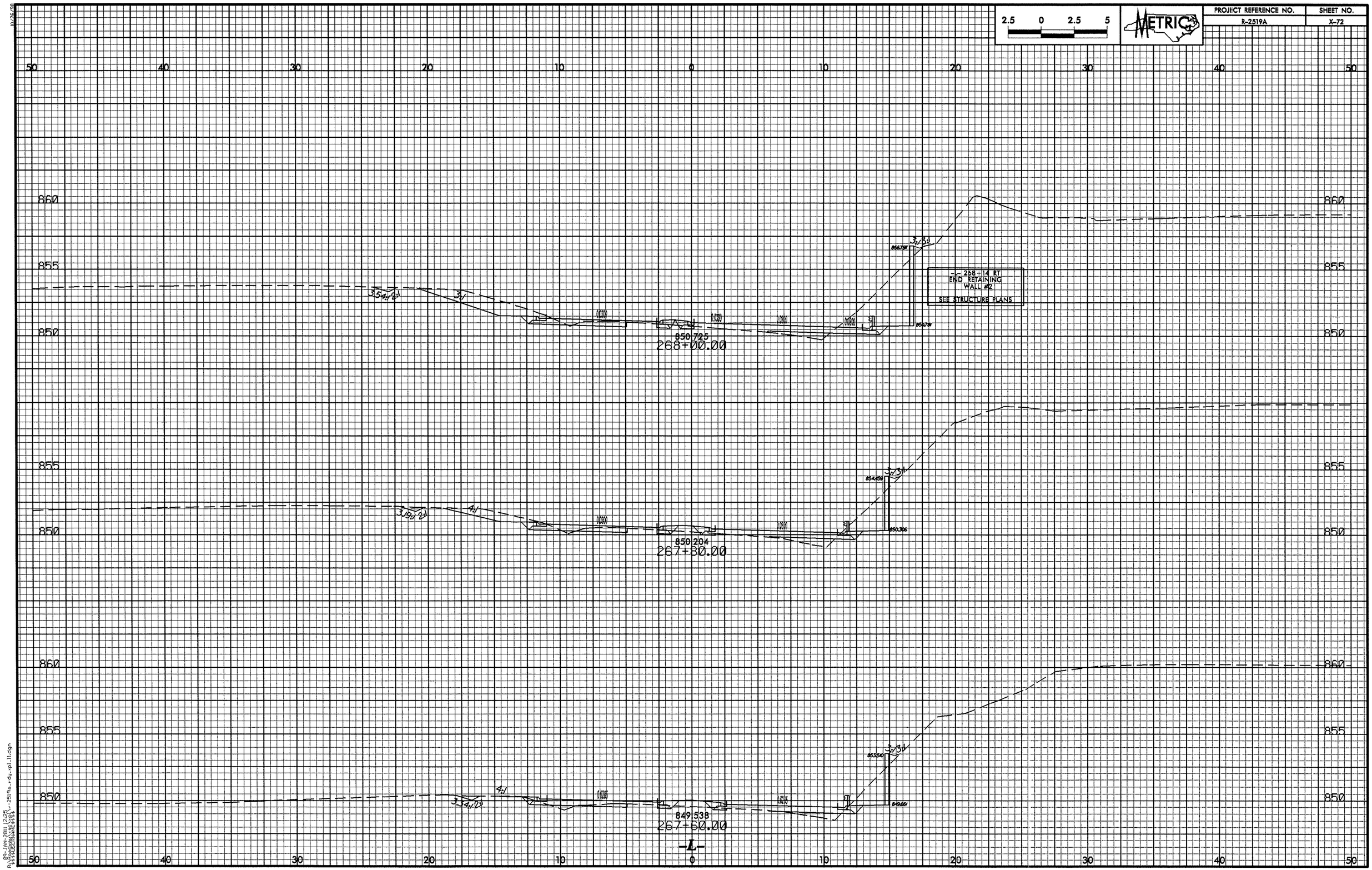


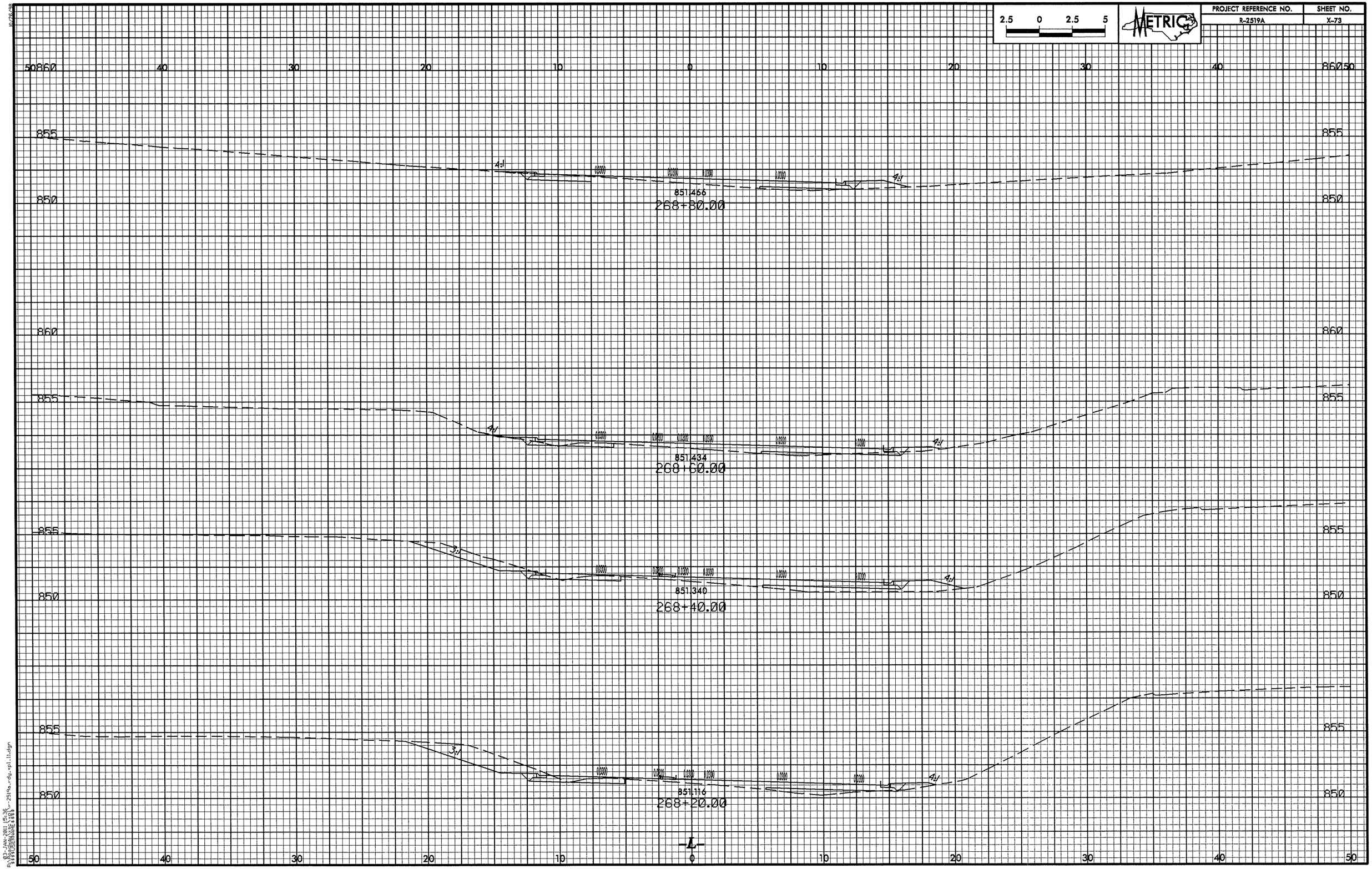
09-JAN-2011 12:25
R:\Roadway\Proj\r2519a_rdy_rpl11.dgn



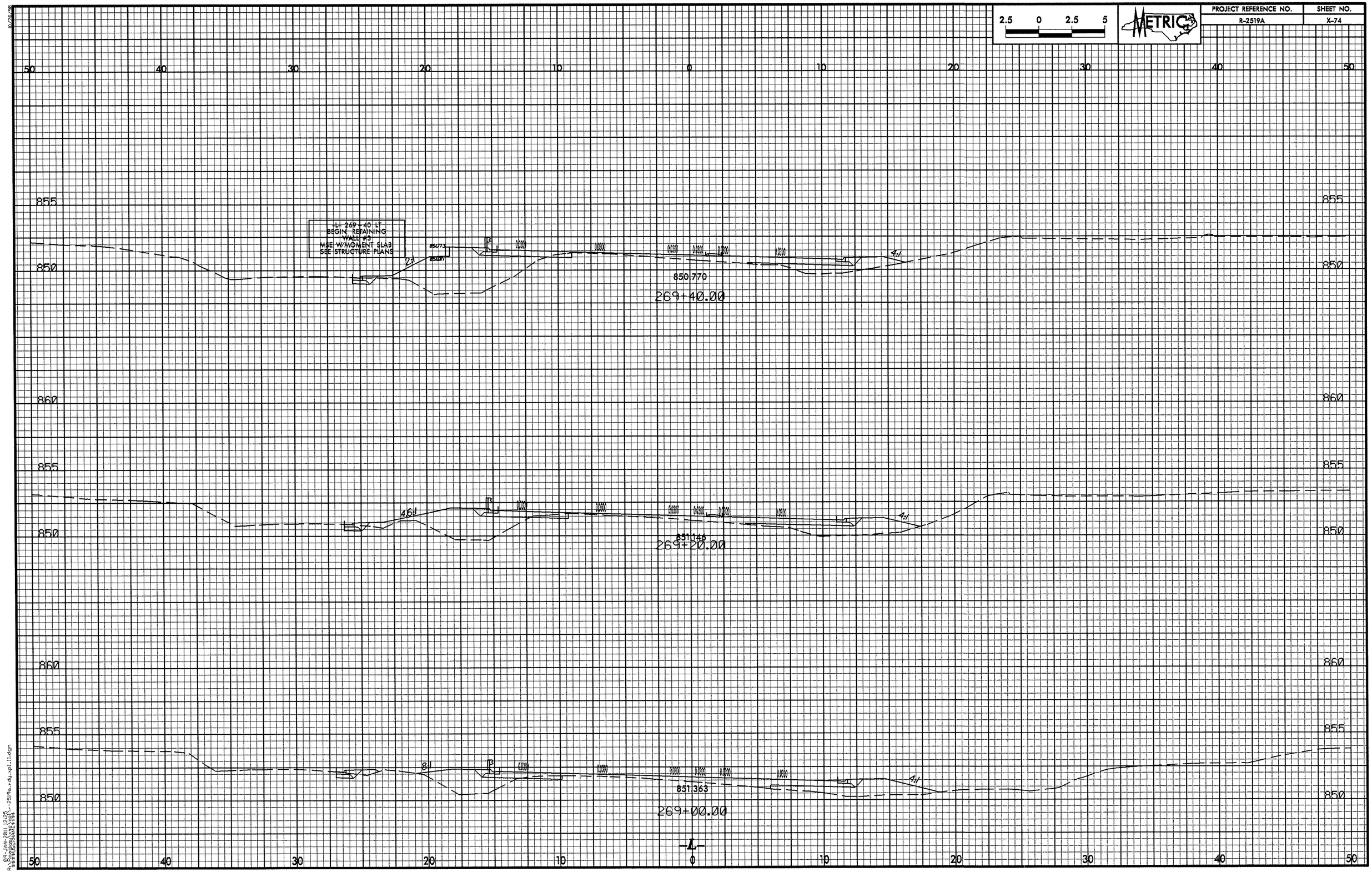
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-71
50 40 30 20 10 0 10 20 30 40 50
860
855
850
4:1
848.770
267+40.00
847.927
267+20.00
847.039
267+00.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-72
50 40 30 20 10 0 10 20 30 40 50
860
855
850
3.54:1 2:1
3:1
850.725
268+00.00
-L- 268+14 RT
END RETAINING
WALL #2
SEE STRUCTURE PLANS
3.19:1 2:1
4:1
850.204
267+80.00
3.34:1 2:1
849.538
267+60.00
-L-

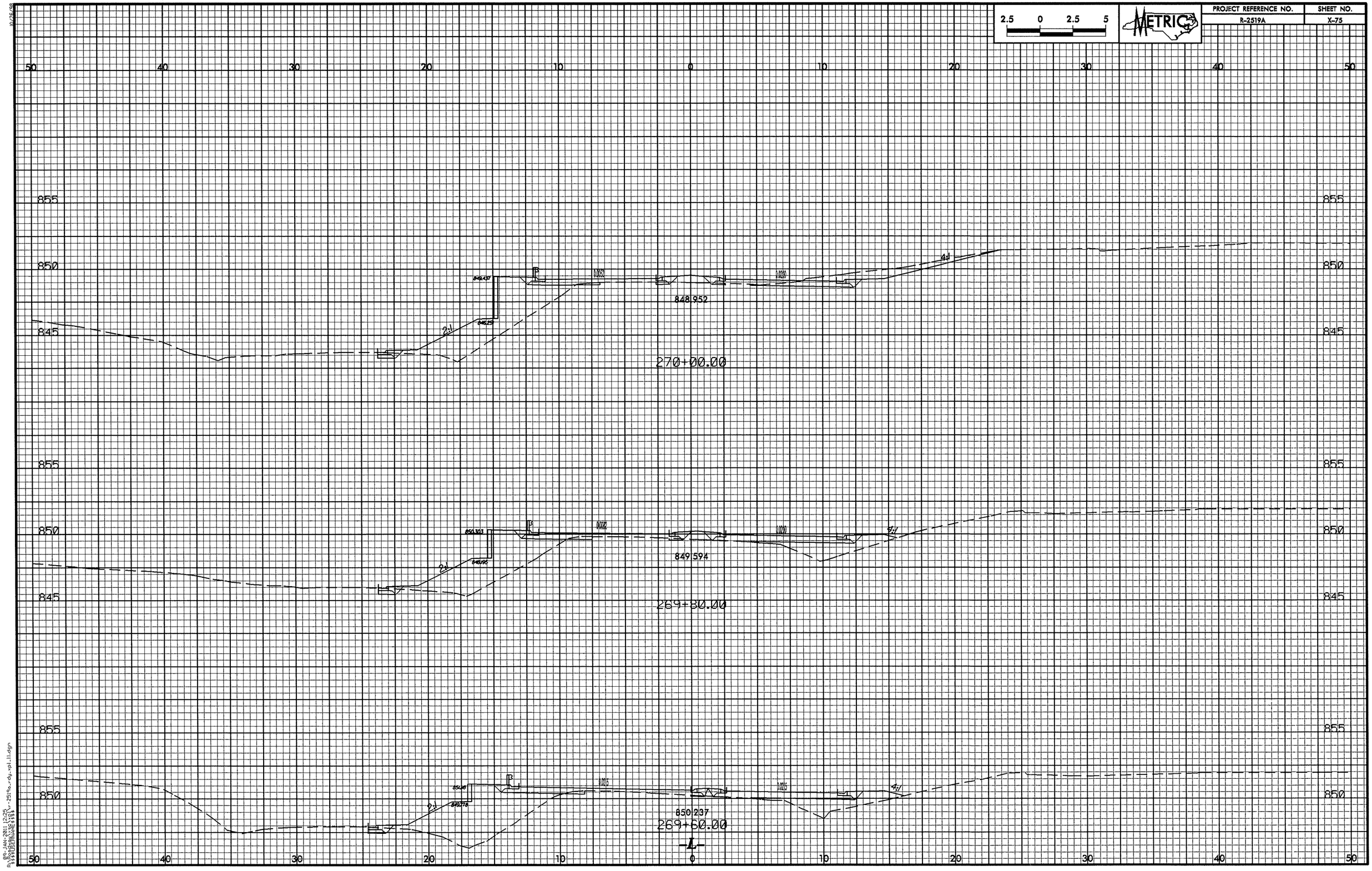


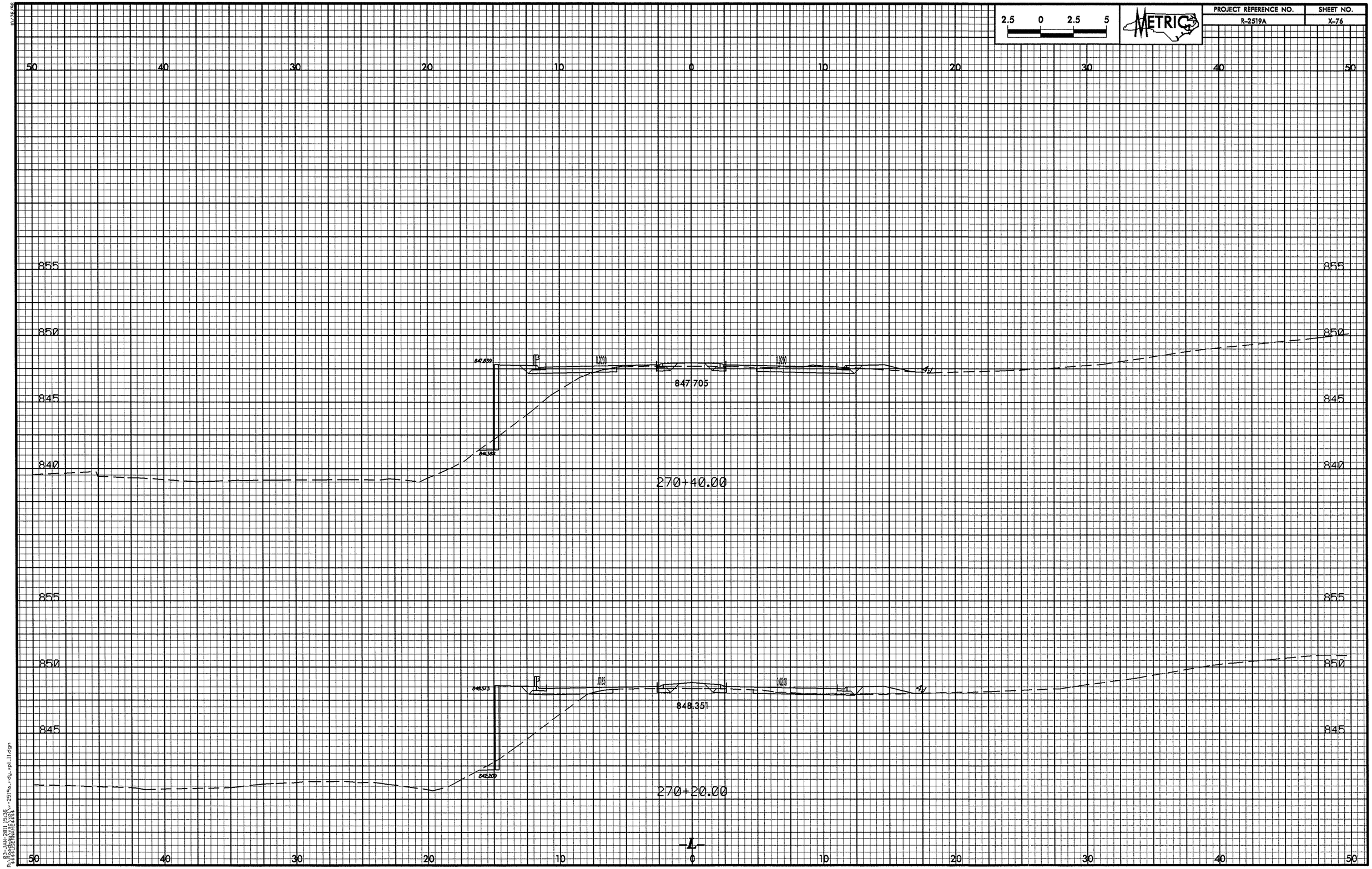
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-73
50 860 40 30 20 10 0 10 20 30 40 860 50
855
850
4:1
851.466
268+80.00
860
855
4:1
851.434
268+60.00
855
850
3:1
4:1
851.340
268+40.00
855
850
3:1
4:1
851.116
268+20.00
-L-
50 40 30 20 10 0 10 20 30 40 50



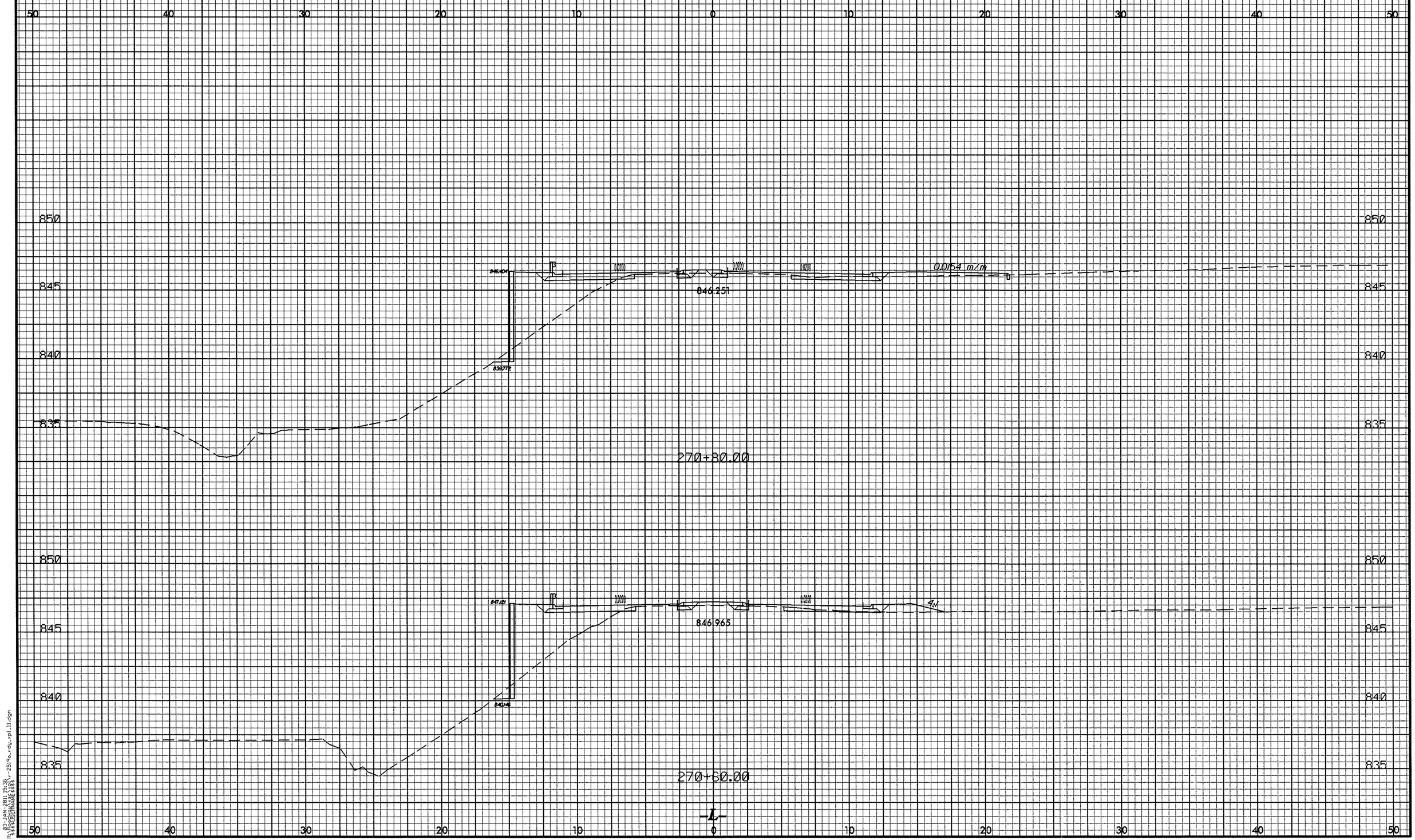
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-74
-L- 269+40 LT
BEGIN RETAINING
WALL #3
MSE W/MOMENT SLAB
SEE STRUCTURE PLANS
850.770
269+40.00
851.146
269+20.00
851.363
269+00.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-75

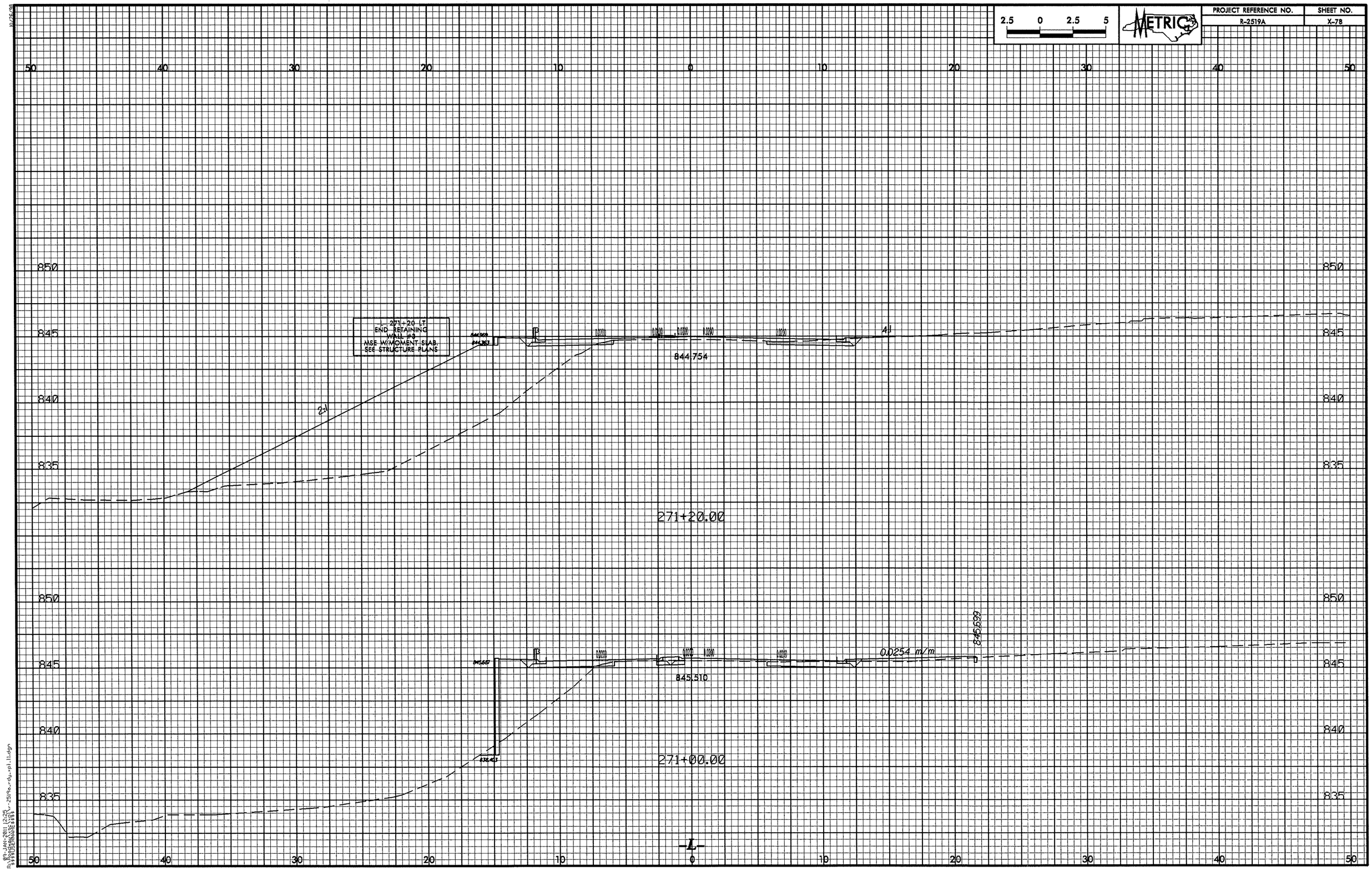




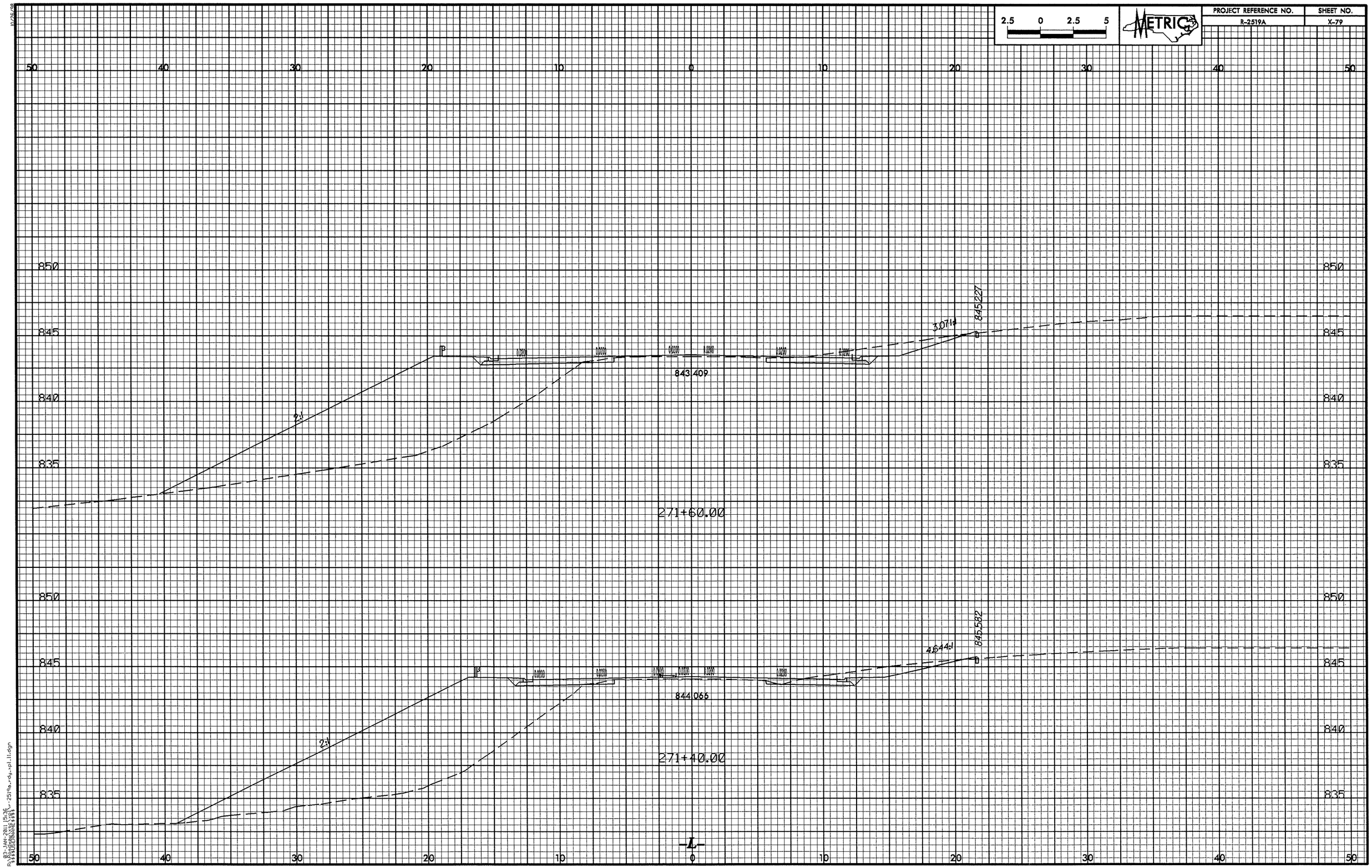
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-76
50 40 30 20 10 0 10 20 30 40 50
855
850
845
840
847.839
847.705
270+40.00
848.573
848.351
842.209
270+20.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-77
50 40 30 20 10 0 10 20 30 40 50
850
845
840
835
846.404
0.0154 m/m
846.251
270+80.00
847.121
4:1
846.965
270+60.00
-L-

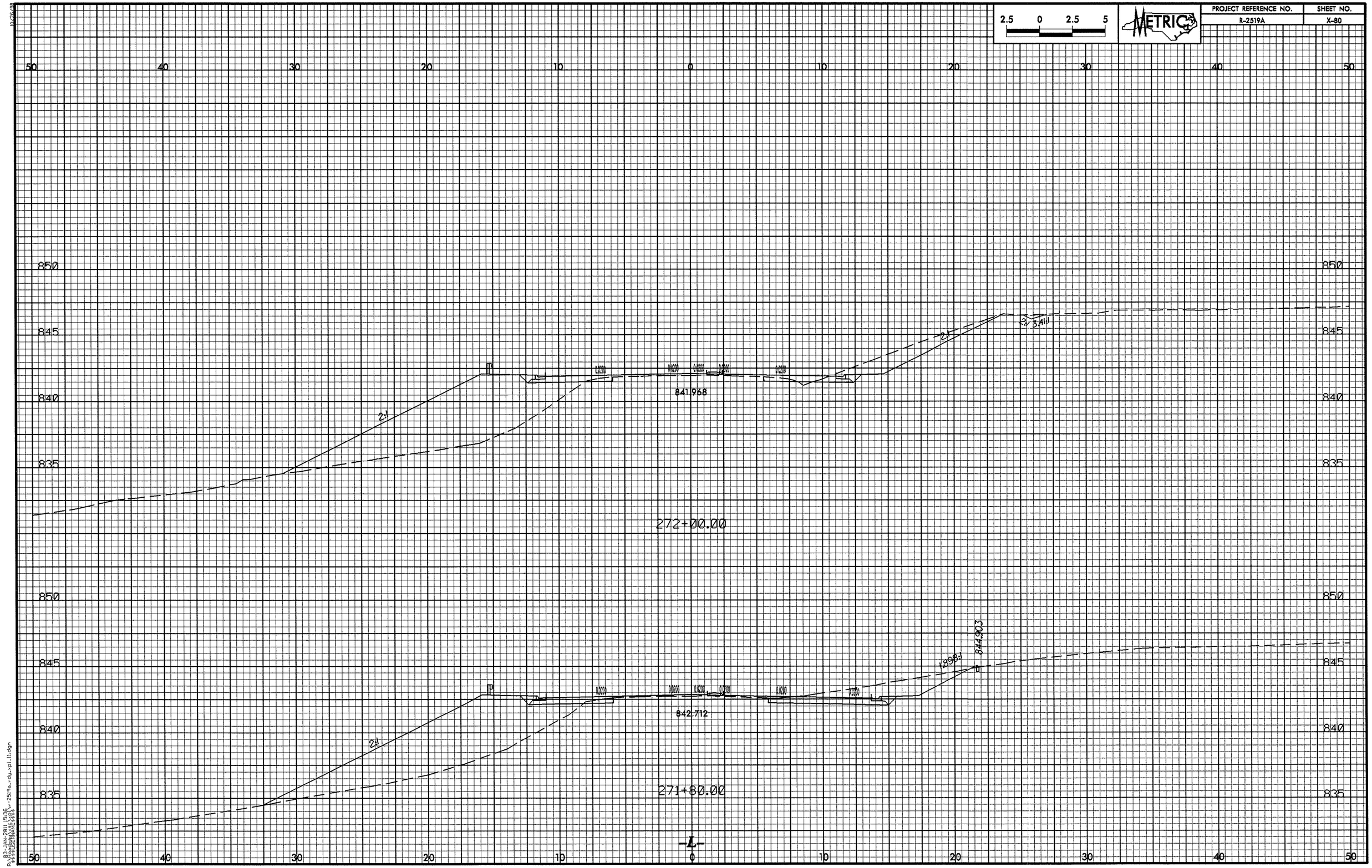


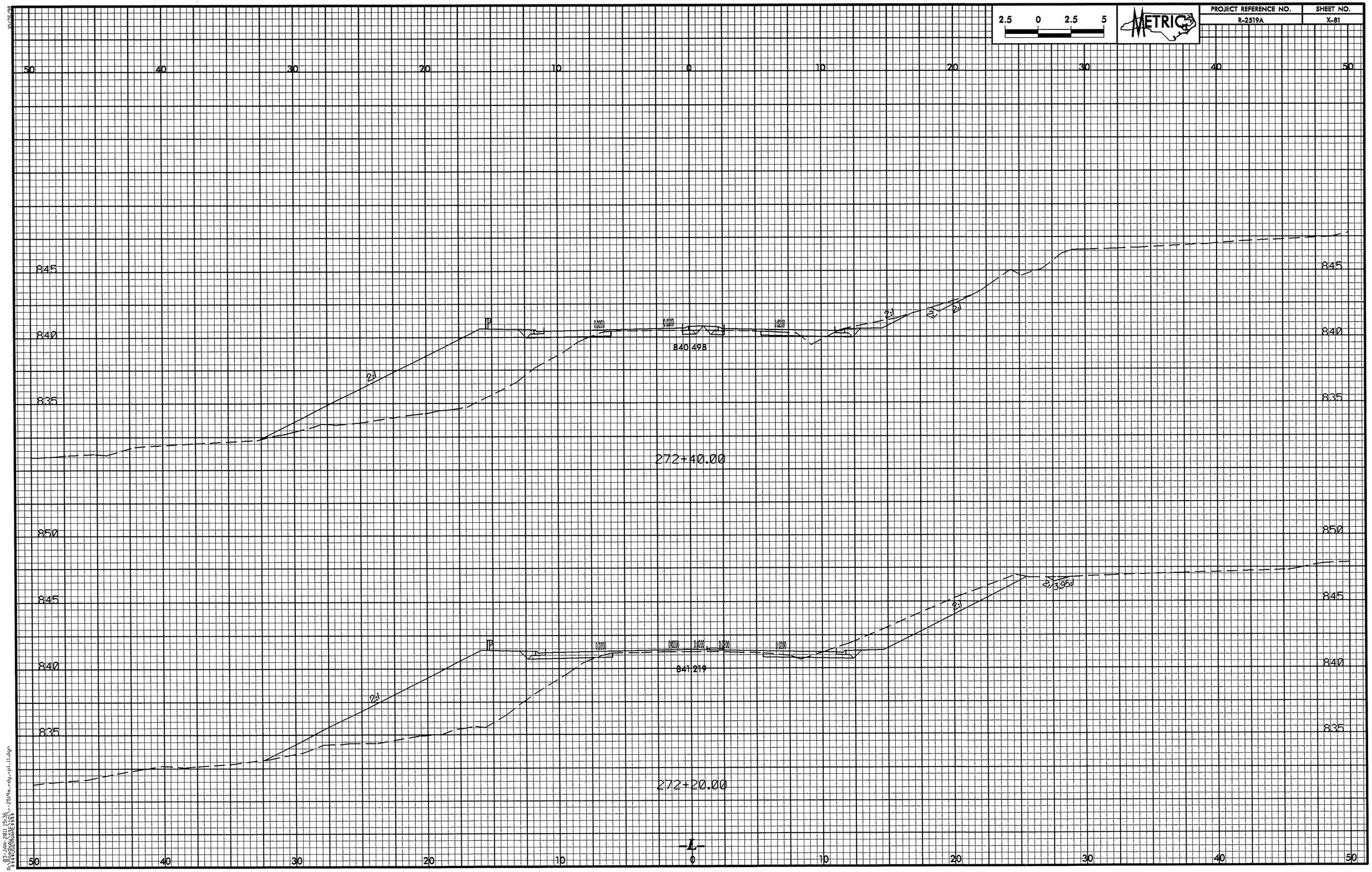
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-78
50 40 30 20 10 0 10 20 30 40 50
850
845
840
835
L 271+20 LT
END RETAINING
WALL #3
MSE W/MOMENT SLAB.
SEE STRUCTURE PLANS
844.754
2:1
271+20.00
845.699
0.0254 m/m
845.510
271+00.00
-L-



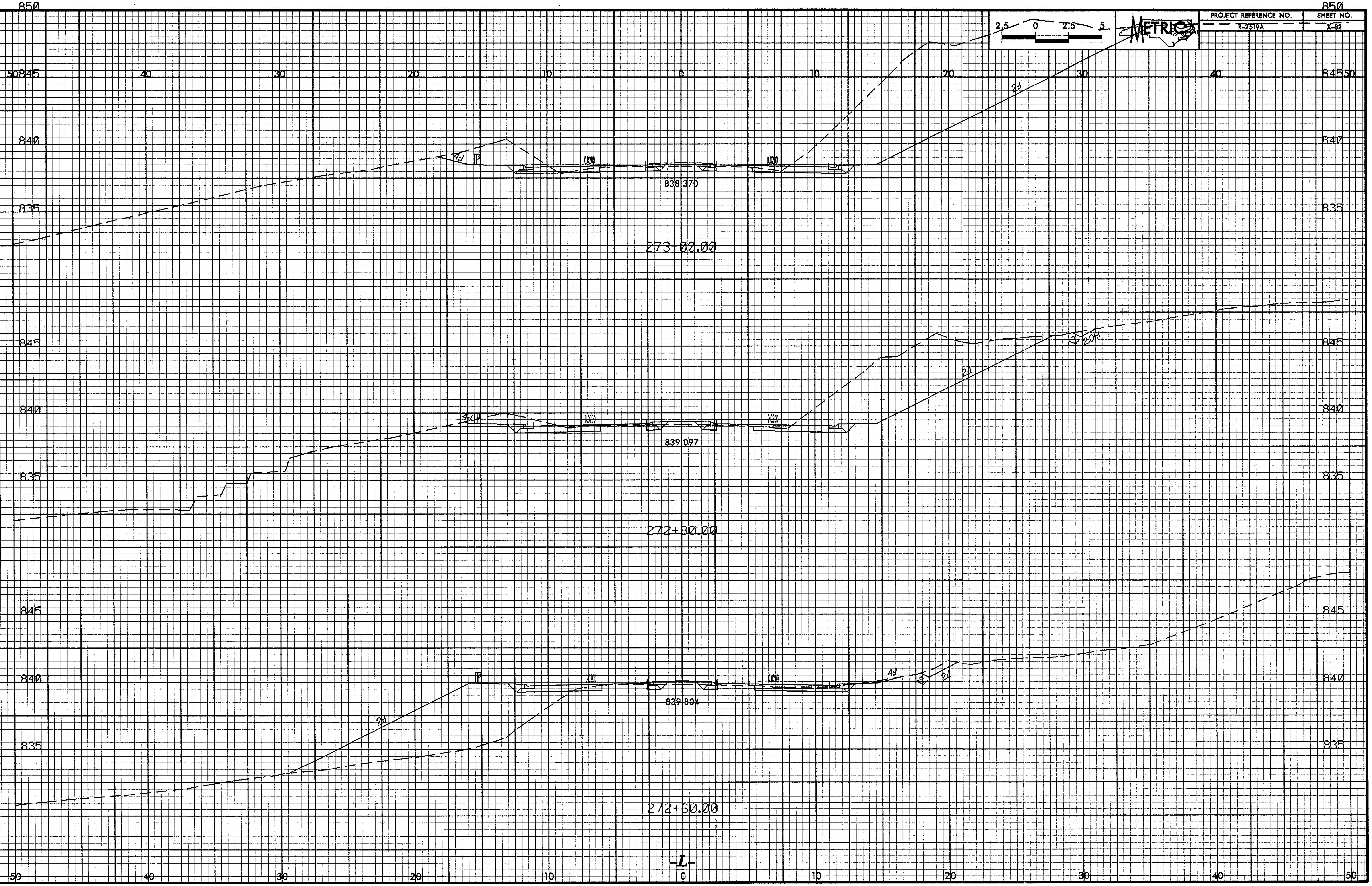
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-79
50 40 30 20 10 0 10 20 30 40 50
850
845
840
835
845.227
3.071:1
843.409
2:1
271+60.00
845.582
4.644:1
844.066
271+40.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-80





2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-81
50 40 30 20 10 0 10 20 30 40 50
845
840
835
2:1
840.498
272+40.00
850
845
840
835
2:1
3.95:1
841.219
272+20.00
-L-



10/26/98

03-JAN-2011 15:36
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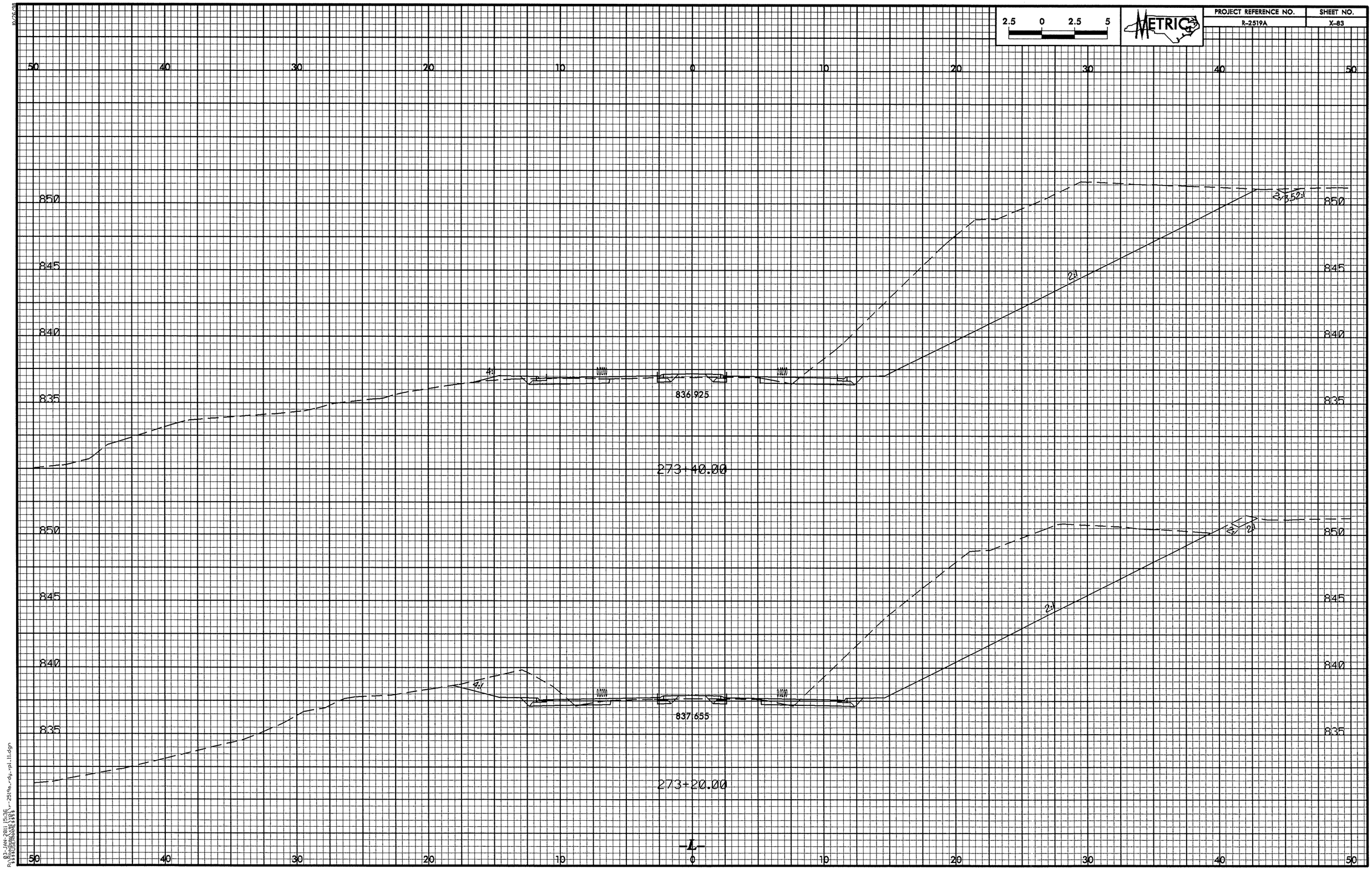
PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-83



01/26/99
03-JAN-2011 15:36
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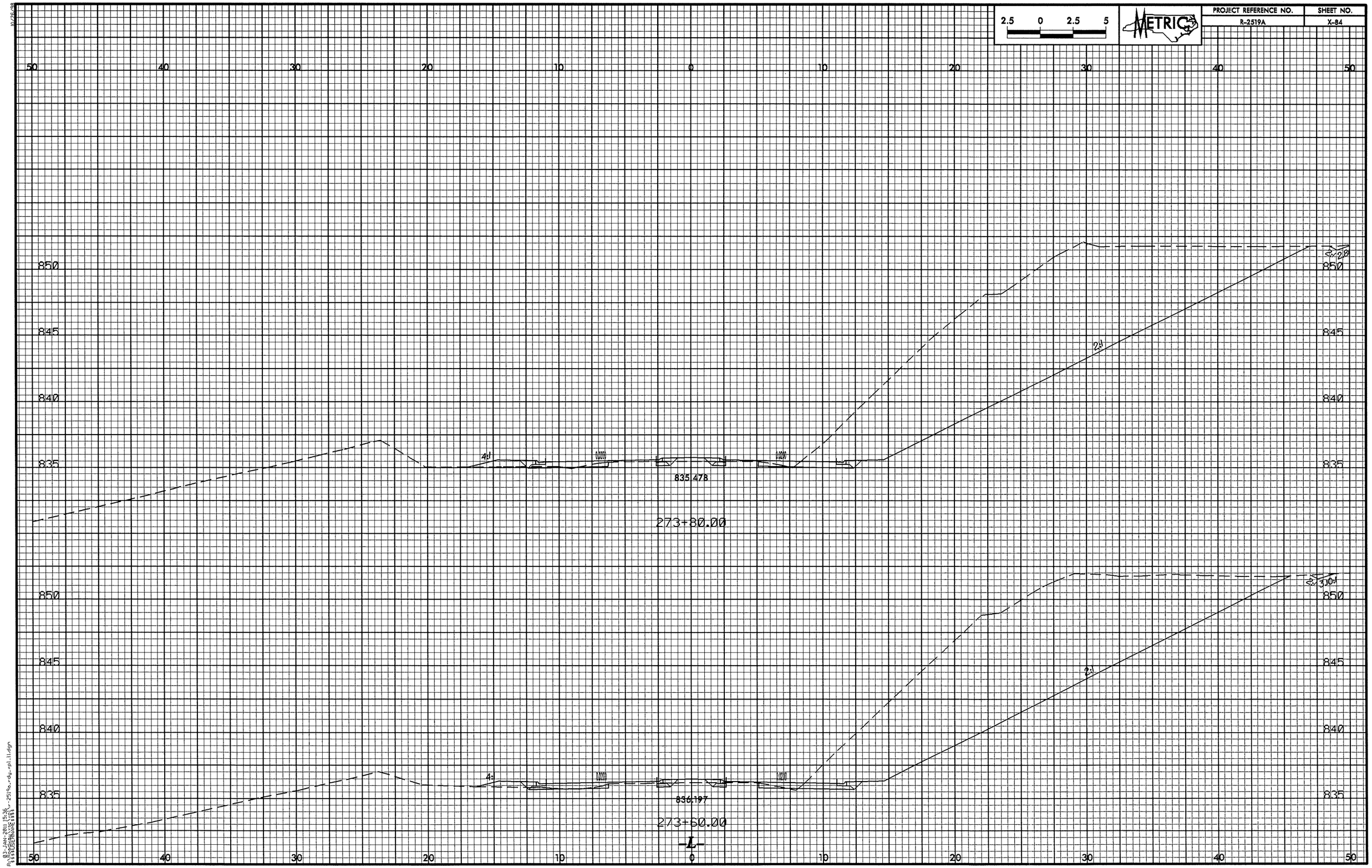
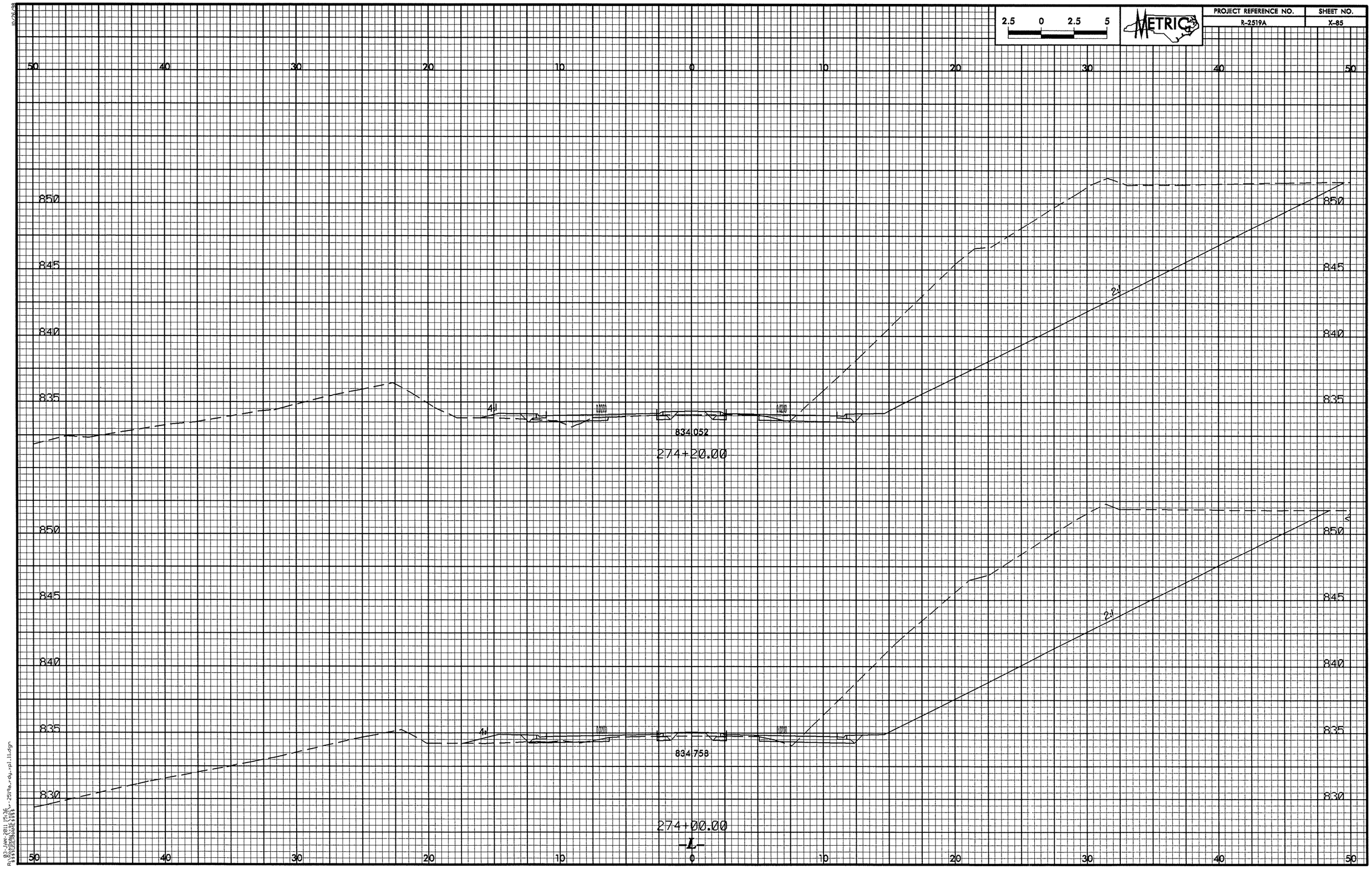


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-84
50 40 30 20 10 0 10 20 30 40 50
850
845
840
835
4:1
0.0000
835.478
273+80.00
2:1
2:1
2:1
2:1
836.197
273+60.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-85



10/26/98
03-JAN-2011 15:36
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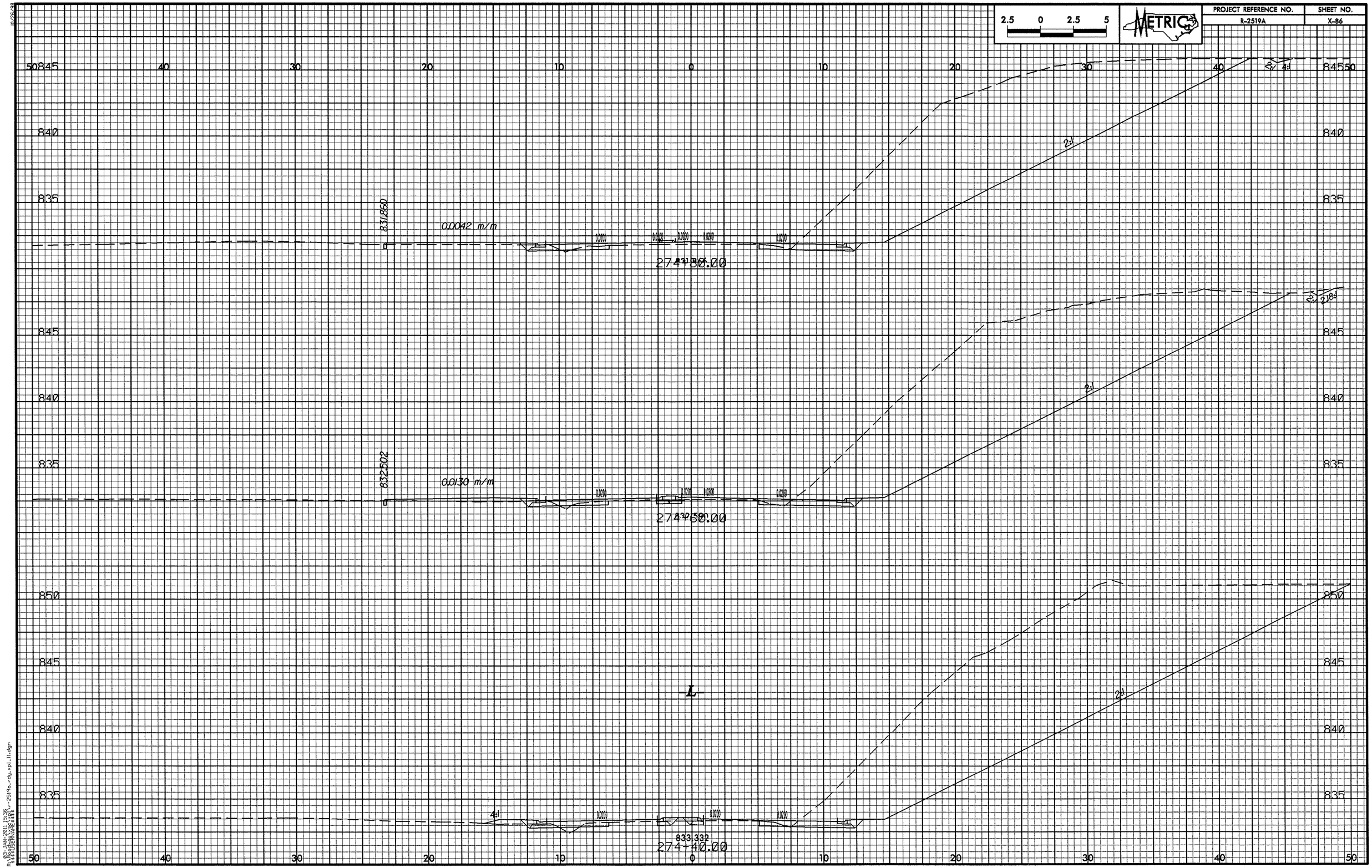
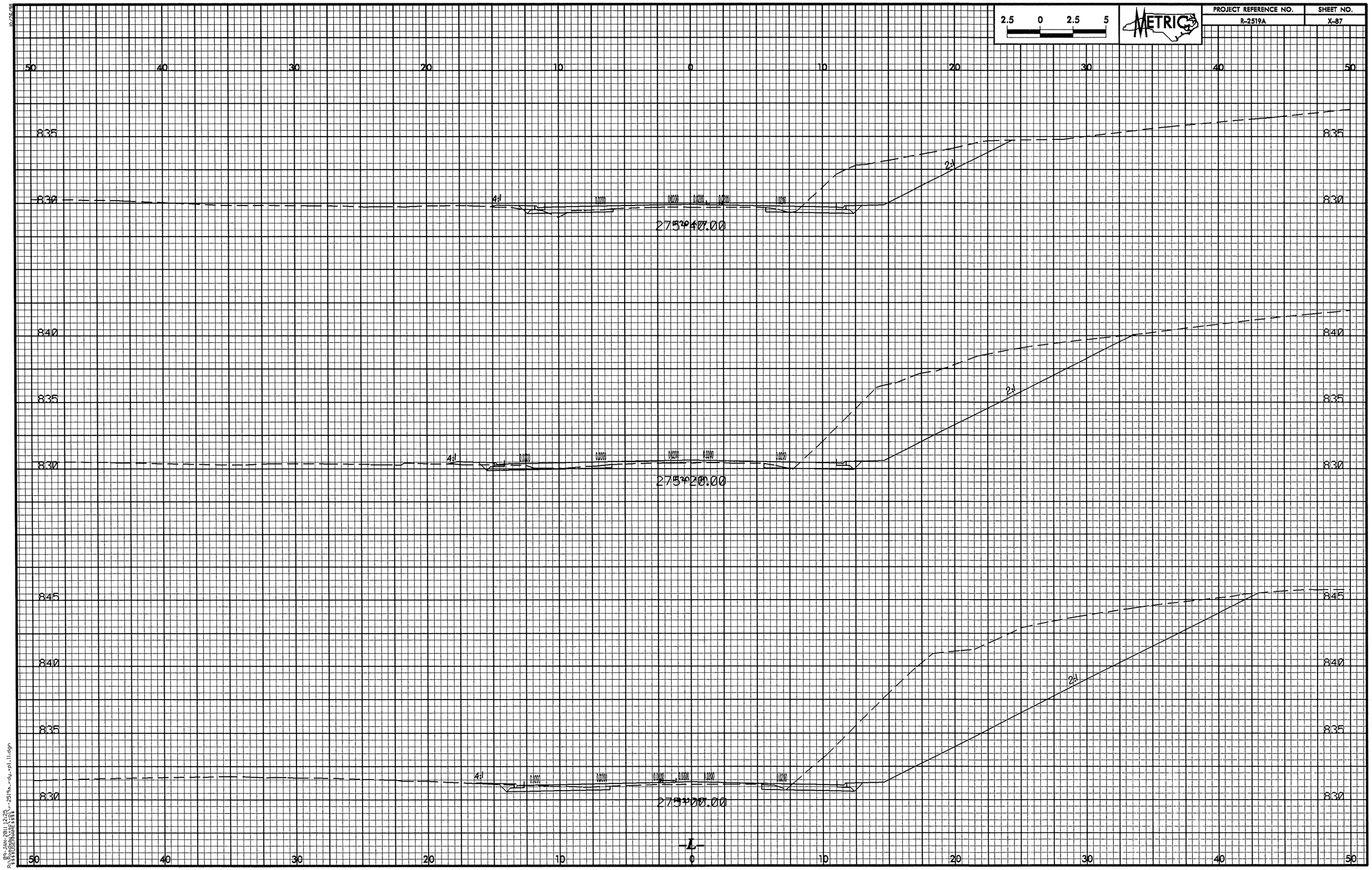
$$$$USERNAME$$$$



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-86
845
840
835
850
831.860
0.0042 m/m
274+80.00
832.502
0.0130 m/m
274+60.00
2:1
4:1
-L-
833.332
274+40.00

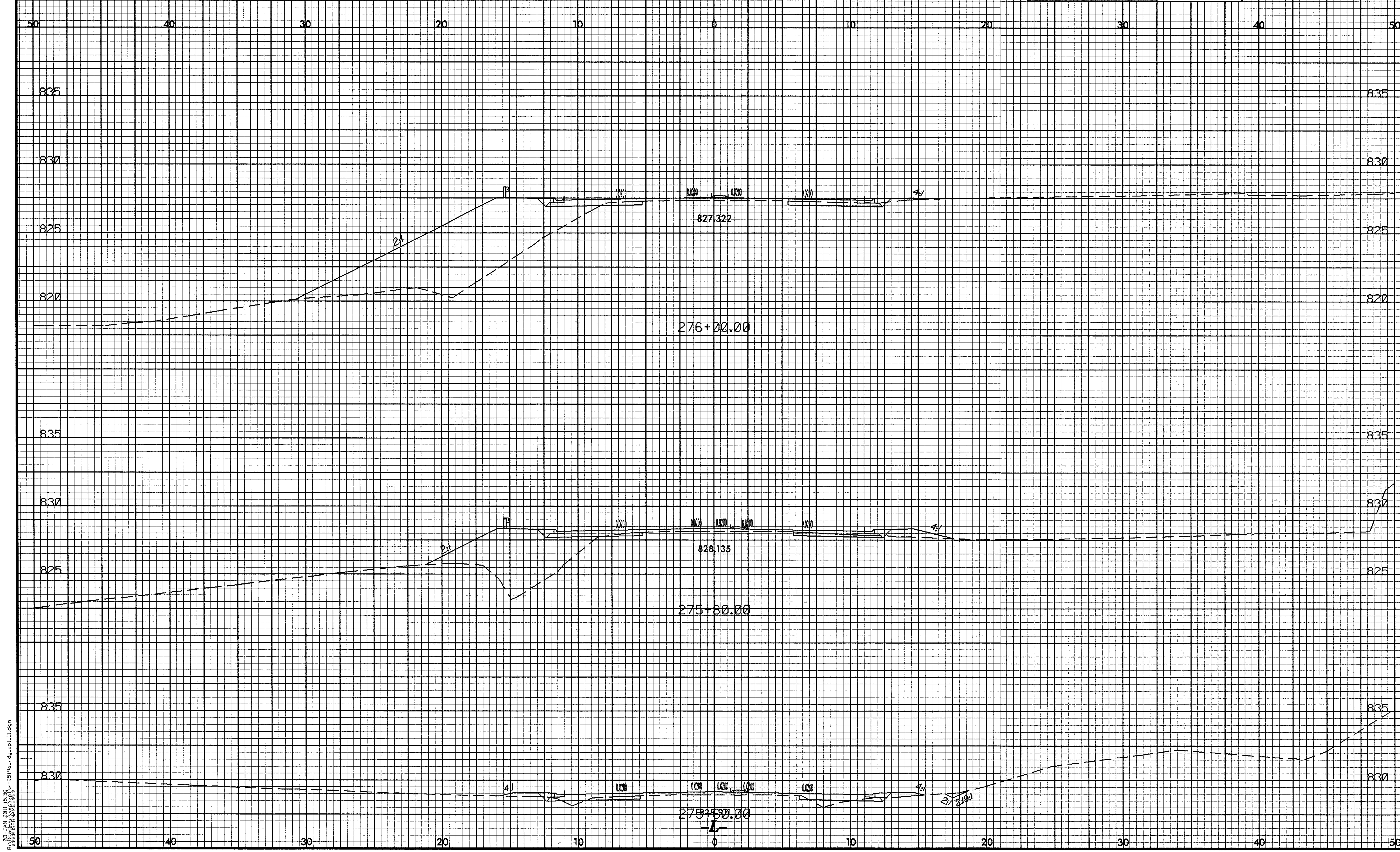


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-87
50 40 30 20 10 0 10 20 30 40 50
835
830
840
845
4:1
2:1
275+40.00
275+20.00
275+00.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-88

METRIC

2.5 0 2.5 5



10/26/98

03-JAN-2011 15:36
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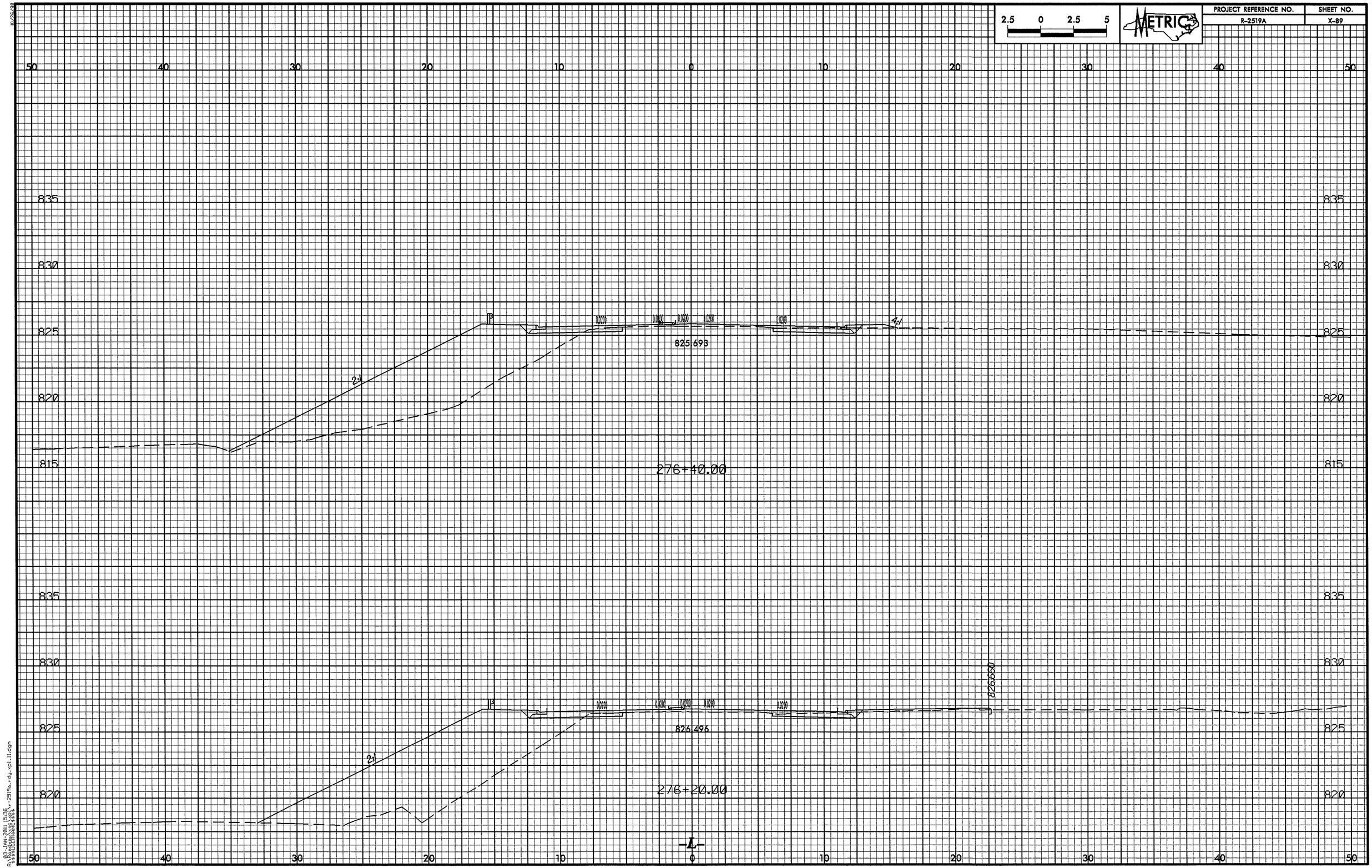
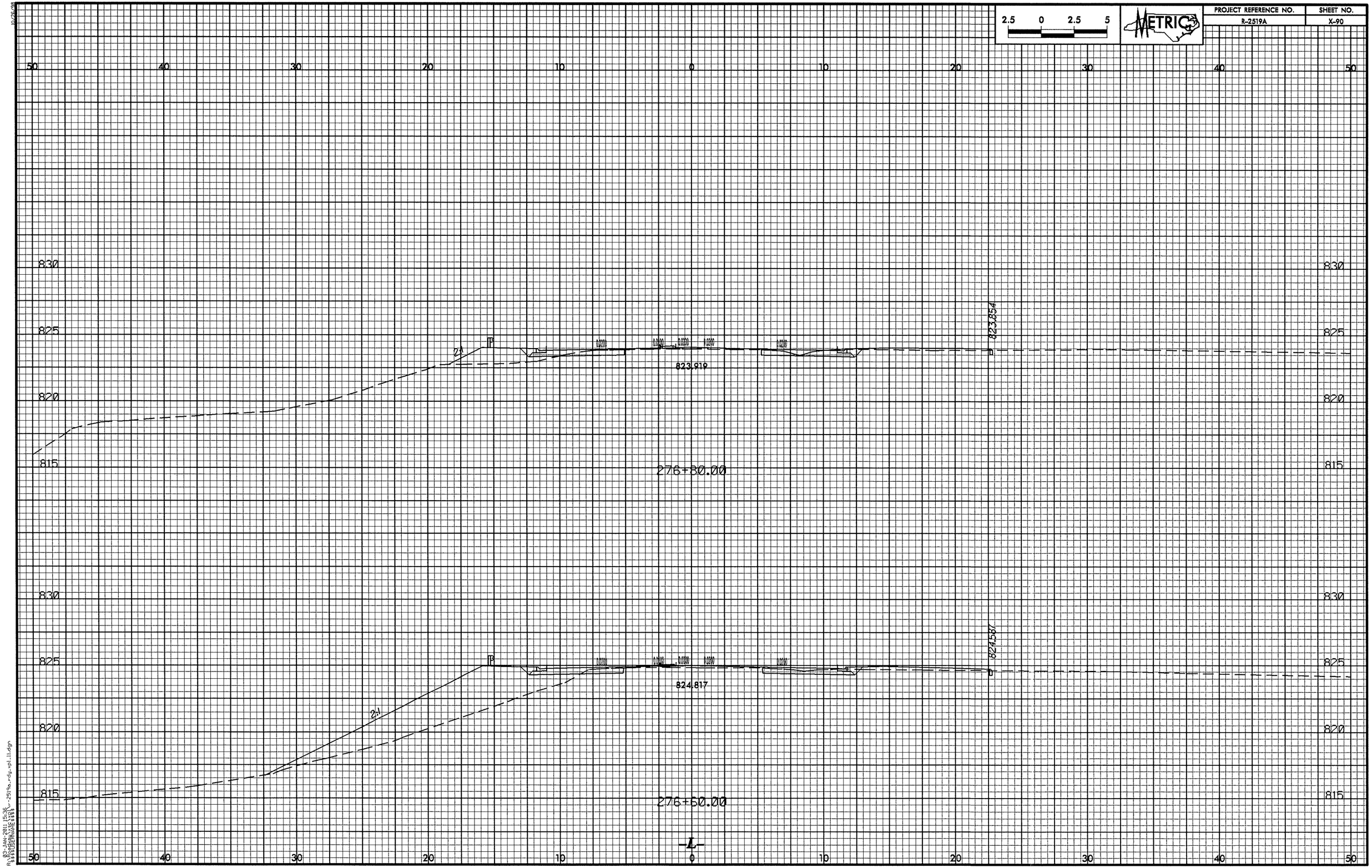
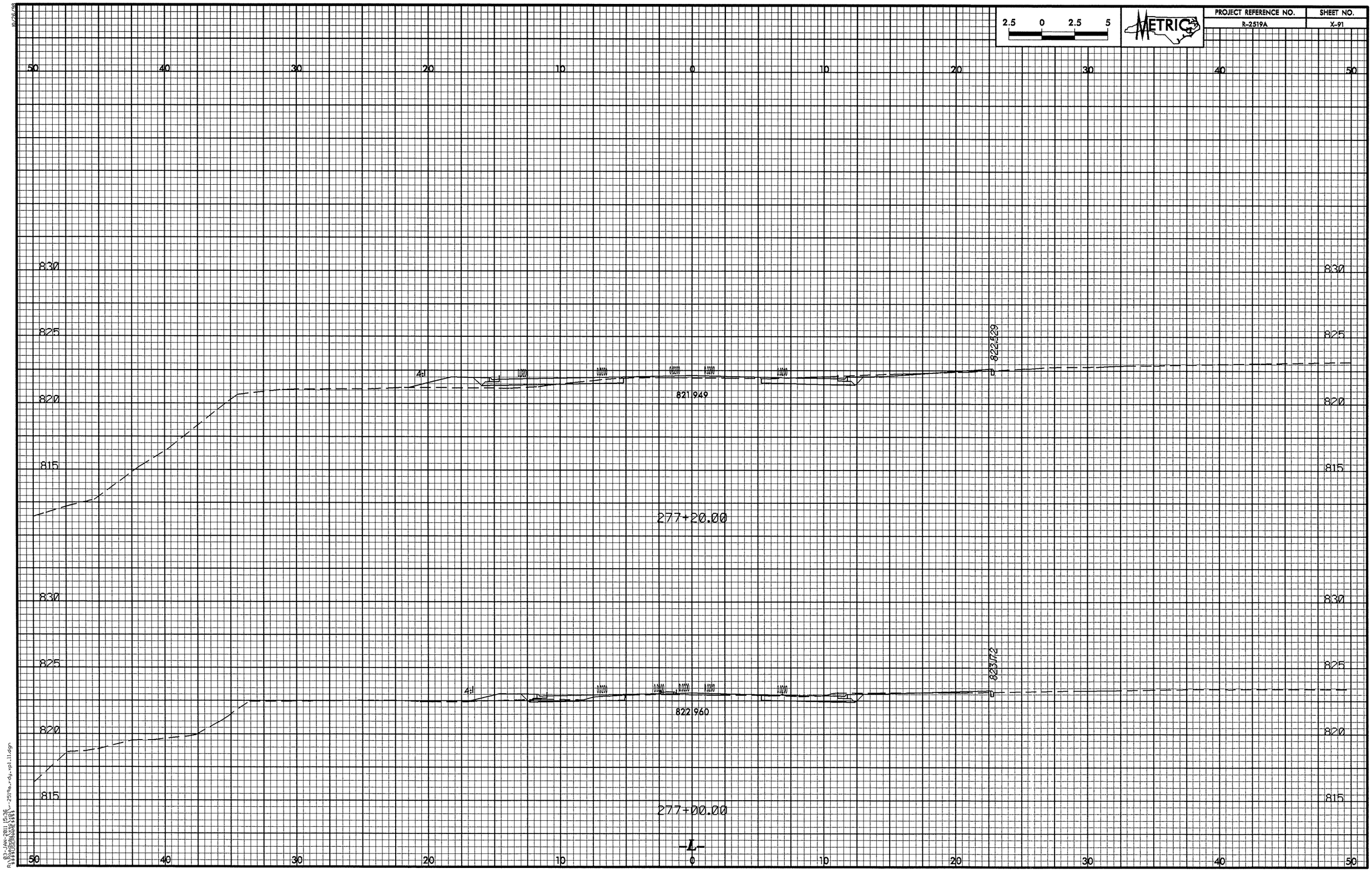


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-89
50 40 30 20 10 0 10 20 30 40 50
835
830
825
820
815
825.693
2:1
4:1
276+40.00
826.660
826.496
276+20.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-90
50 40 30 20 10 0 10 20 30 40 50
830
825
820
815
823.854
823.919
2:1
276+80.00
824.587
824.817
276+60.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-91



10/26/99
R:\83-JAN-2011 15:36
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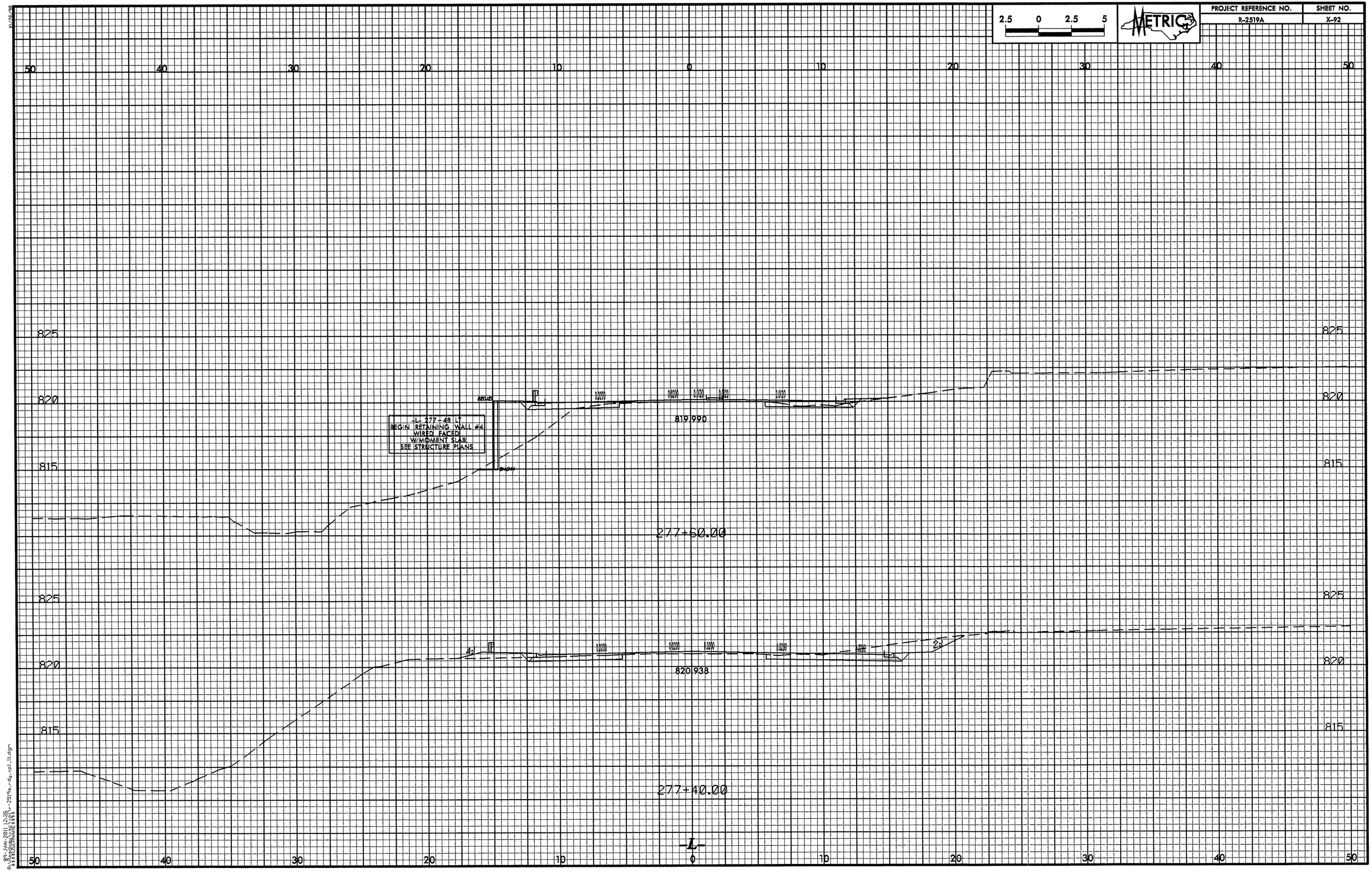
r-2519a_r-dy_rpl11.dgn



09-JAN-2011 12:26
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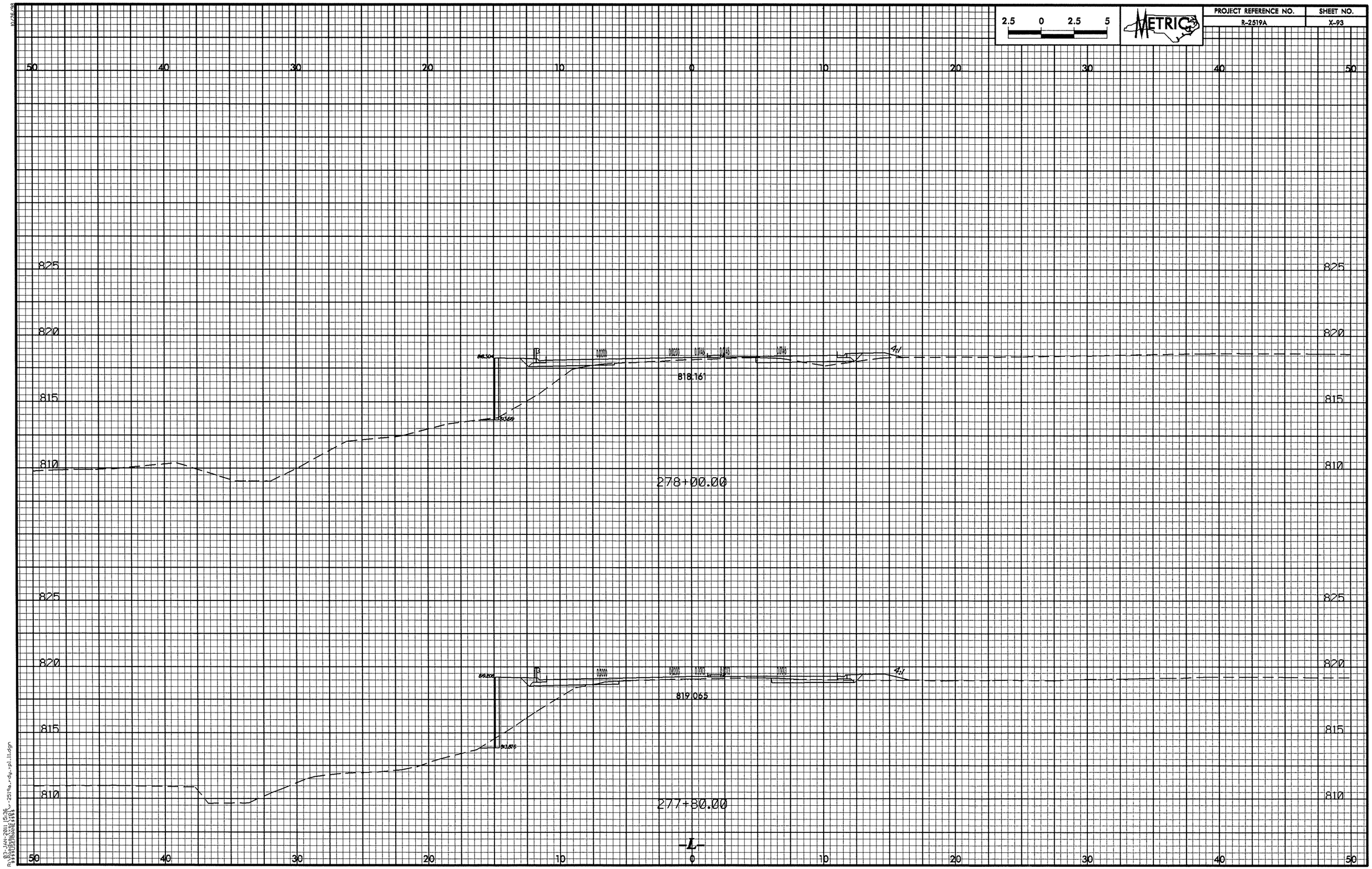
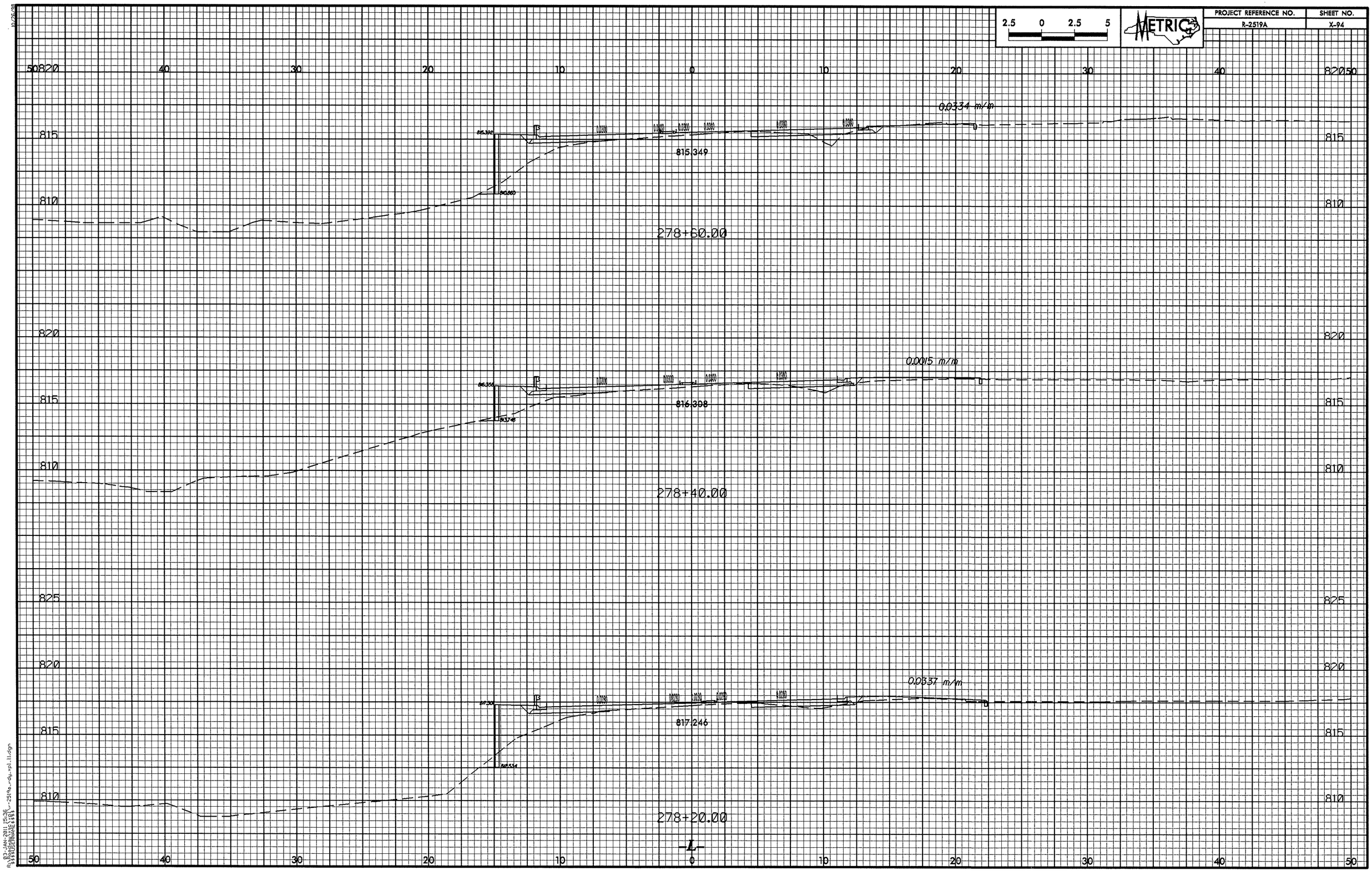
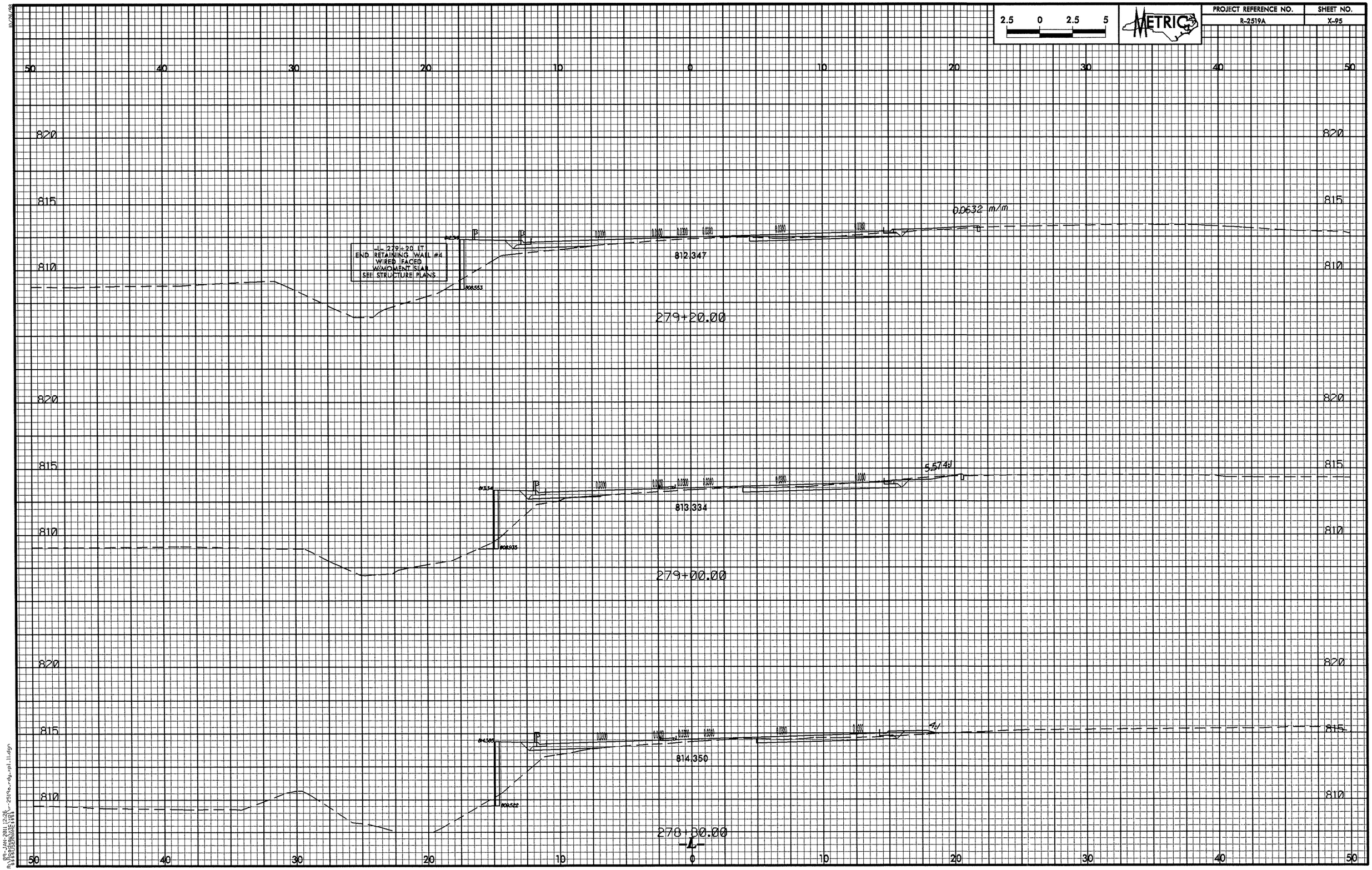
$$$$USERNAME$$$$



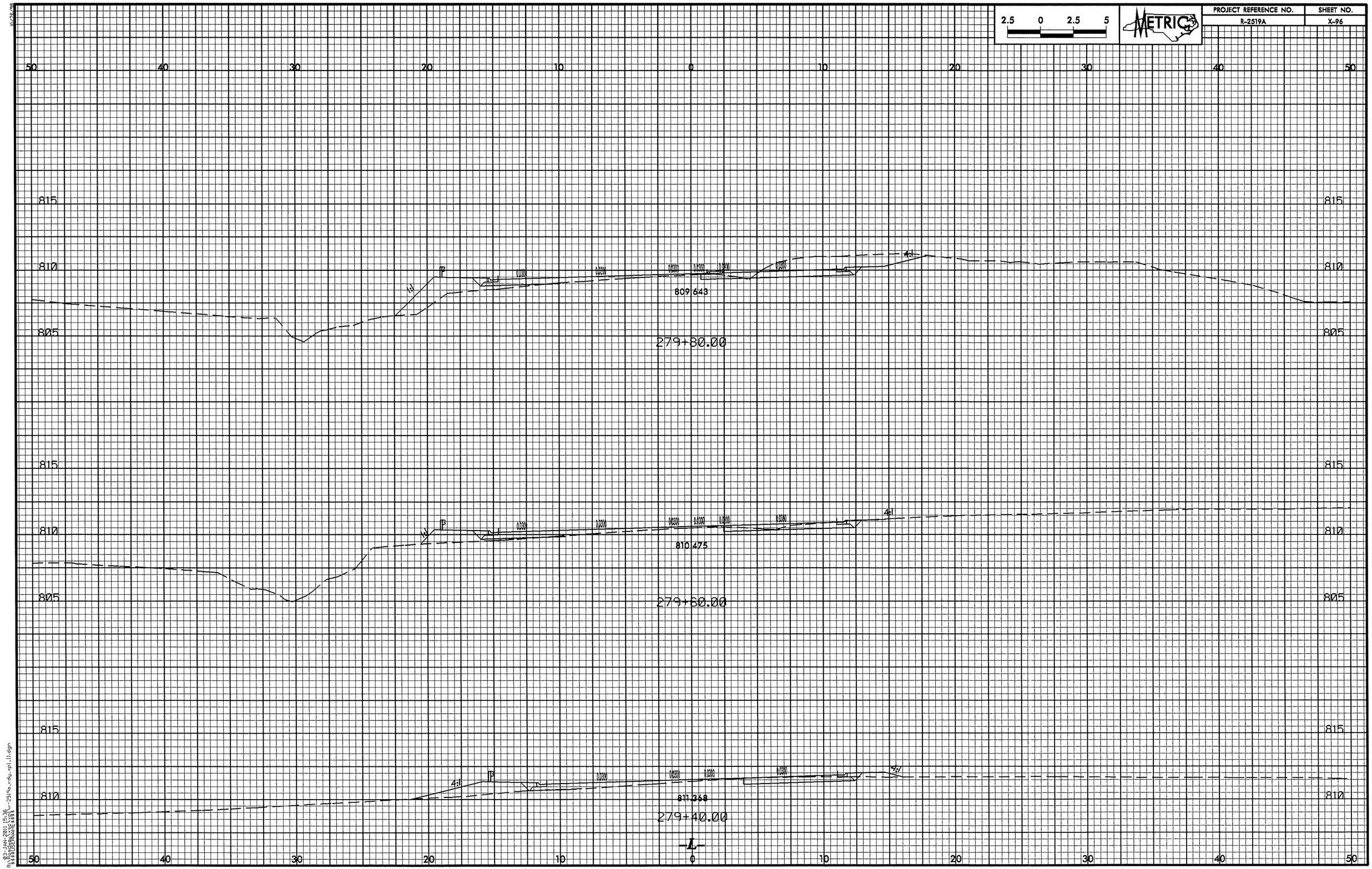
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-93
50 40 30 20 10 0 10 20 30 40 50
825
820
815
810
818.161
4:1
278+00.00
819.065
277+80.00
-L-

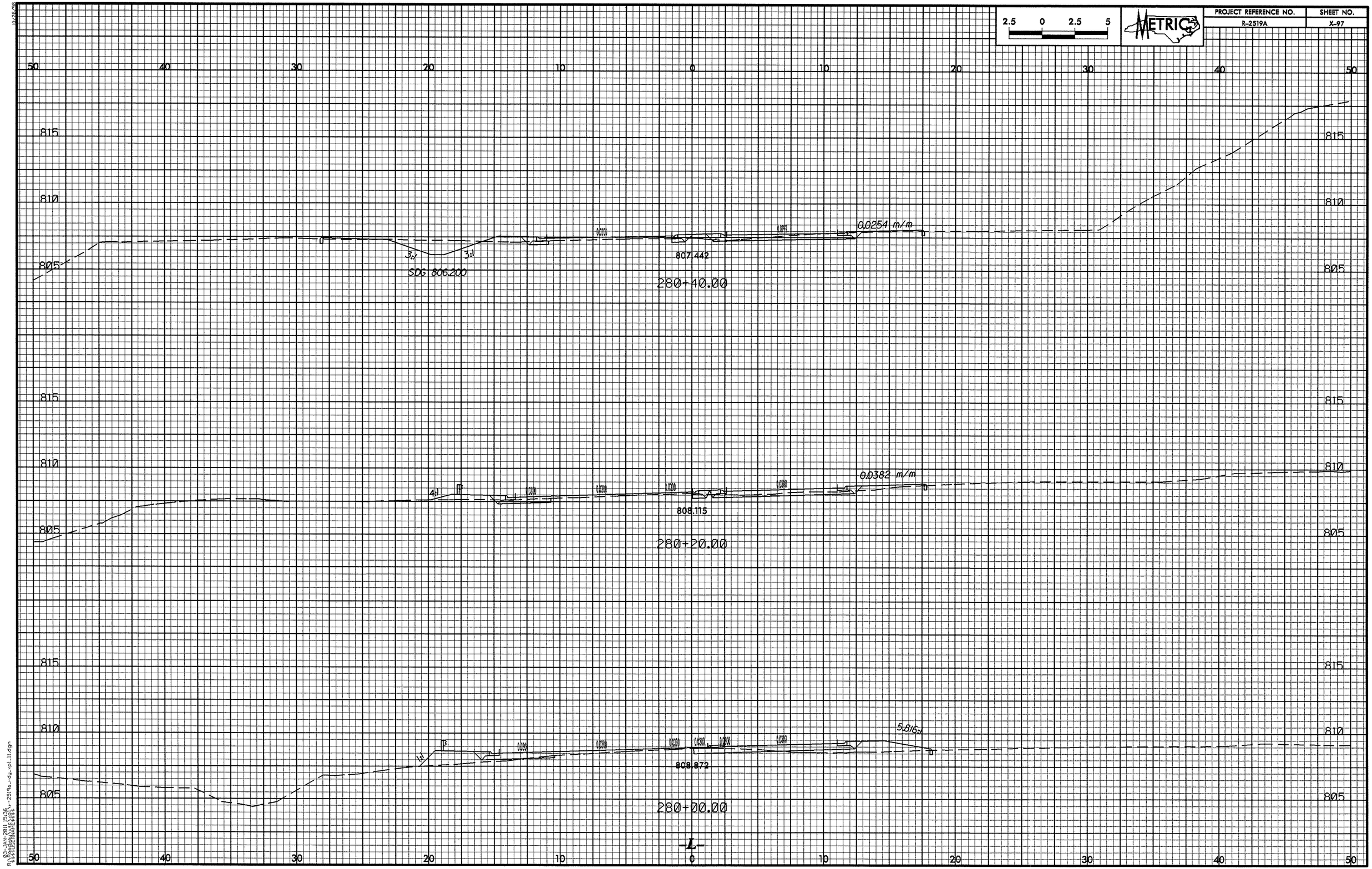


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-94
0.0334 m/m
815.349
278+60.00
0.0015 m/m
816.308
278+40.00
0.0337 m/m
817.246
278+20.00
-L-

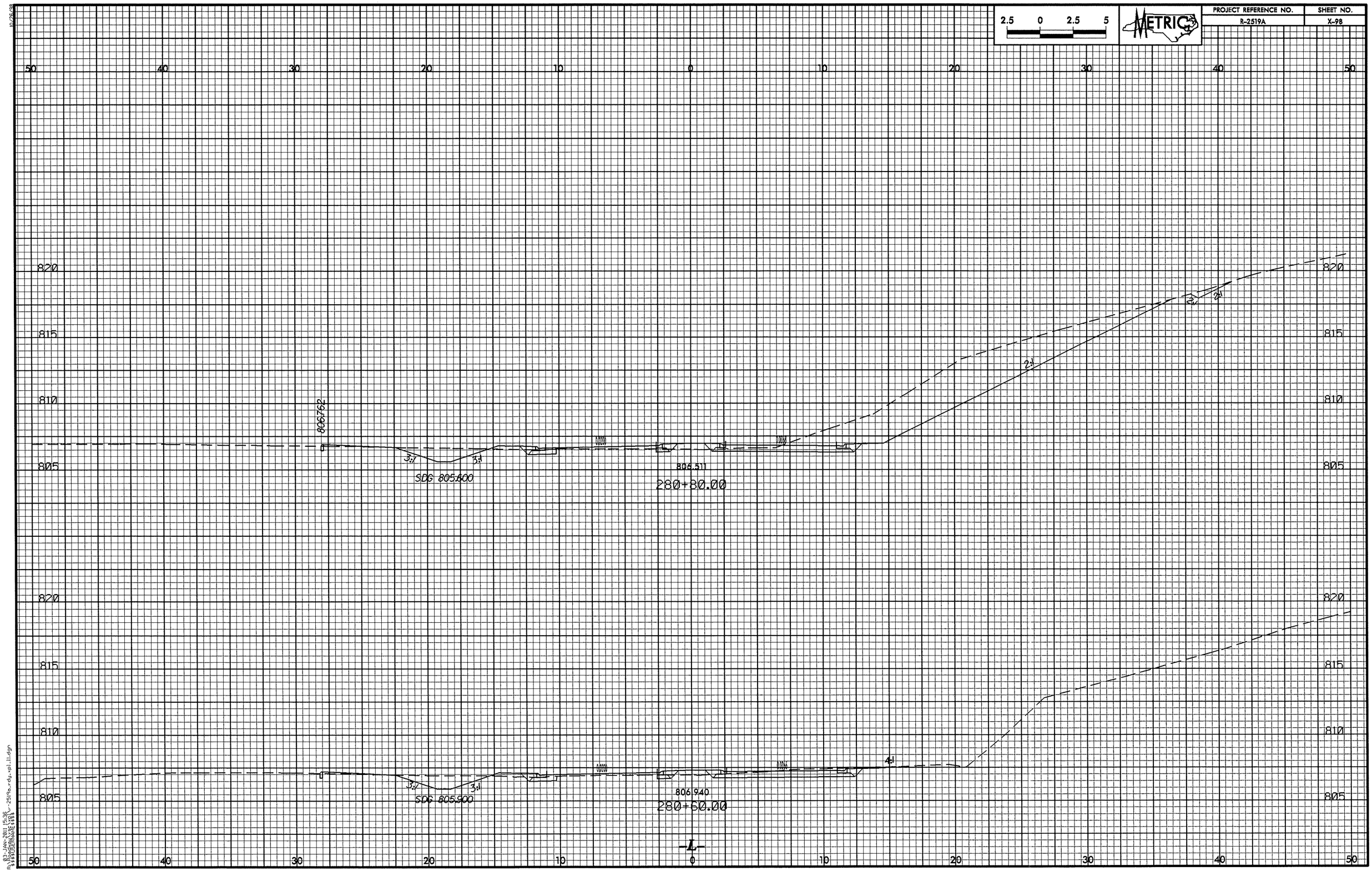


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-95
-L- 279+20 LT
END RETAINING WALL #4
WIRED FACED
W/MOMENT SLAB
SEE STRUCTURE PLANS
0.0632 m/m
812.347
279+20.00
5.574:1
813.334
279+00.00
4:1
814.350
278+80.00
-L-


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-96
50 40 30 20 10 0 10 20 30 40 50
815
810
805
4:1
809.643
279+80.00
810.475
279+60.00
811.368
279+40.00
-L-

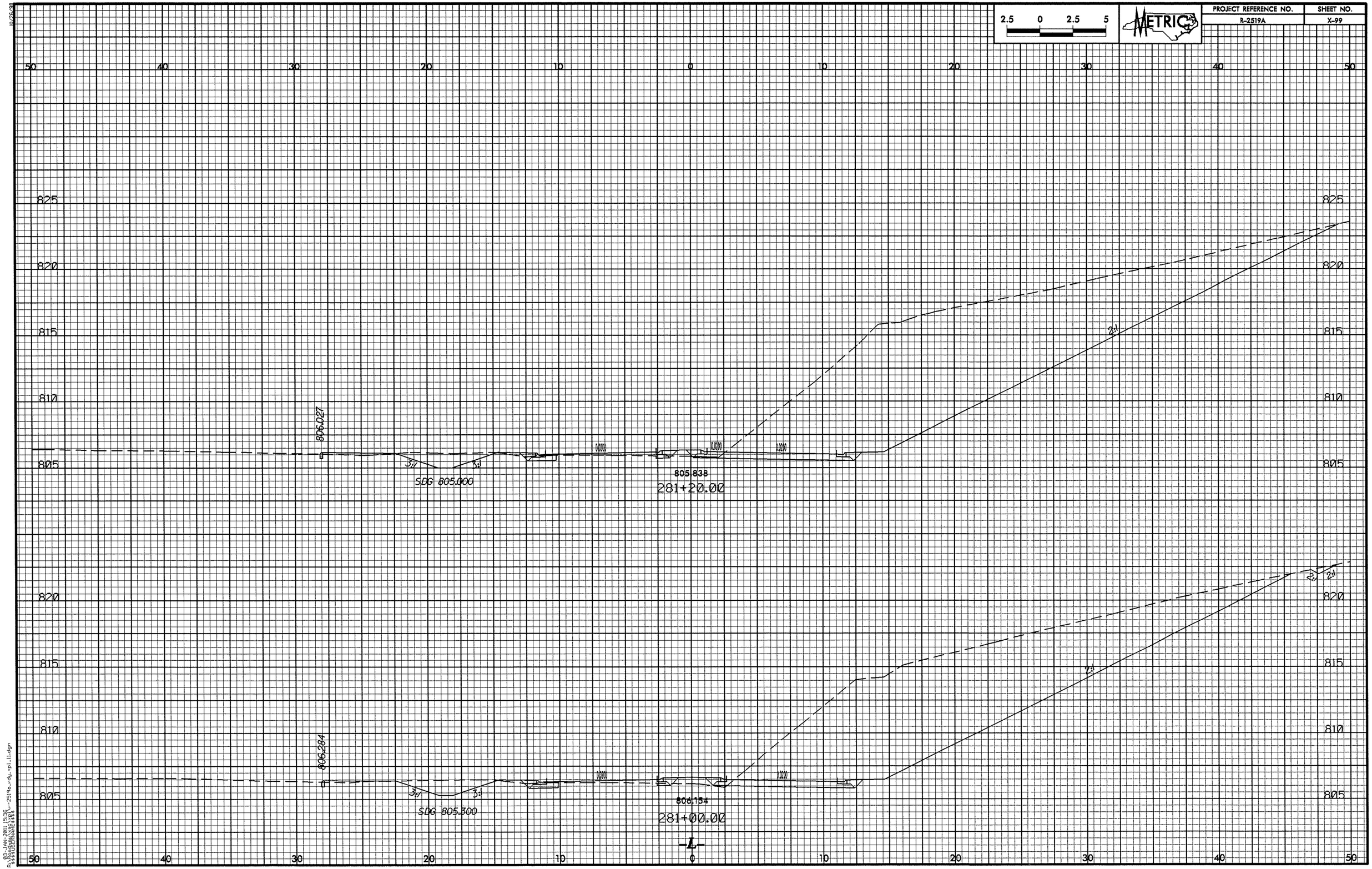


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-97
50 40 30 20 10 0 10 20 30 40 50
815
810
805
0.0254 m/m
3:1
3:1
SDG 806.200
807.442
280+40.00
0.0382 m/m
4:1
808.115
280+20.00
5.816:1
1:1
808.872
280+00.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-98
50 40 30 20 10 0 10 20 30 40 50
820
815
810
805
806.762
3:1
3:1
SDG 805.600
806.511
280+80.00
2:1
2:1
2:1
820
815
810
805
3:1
3:1
SDG 805.900
806.940
280+60.00
4:1
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-99



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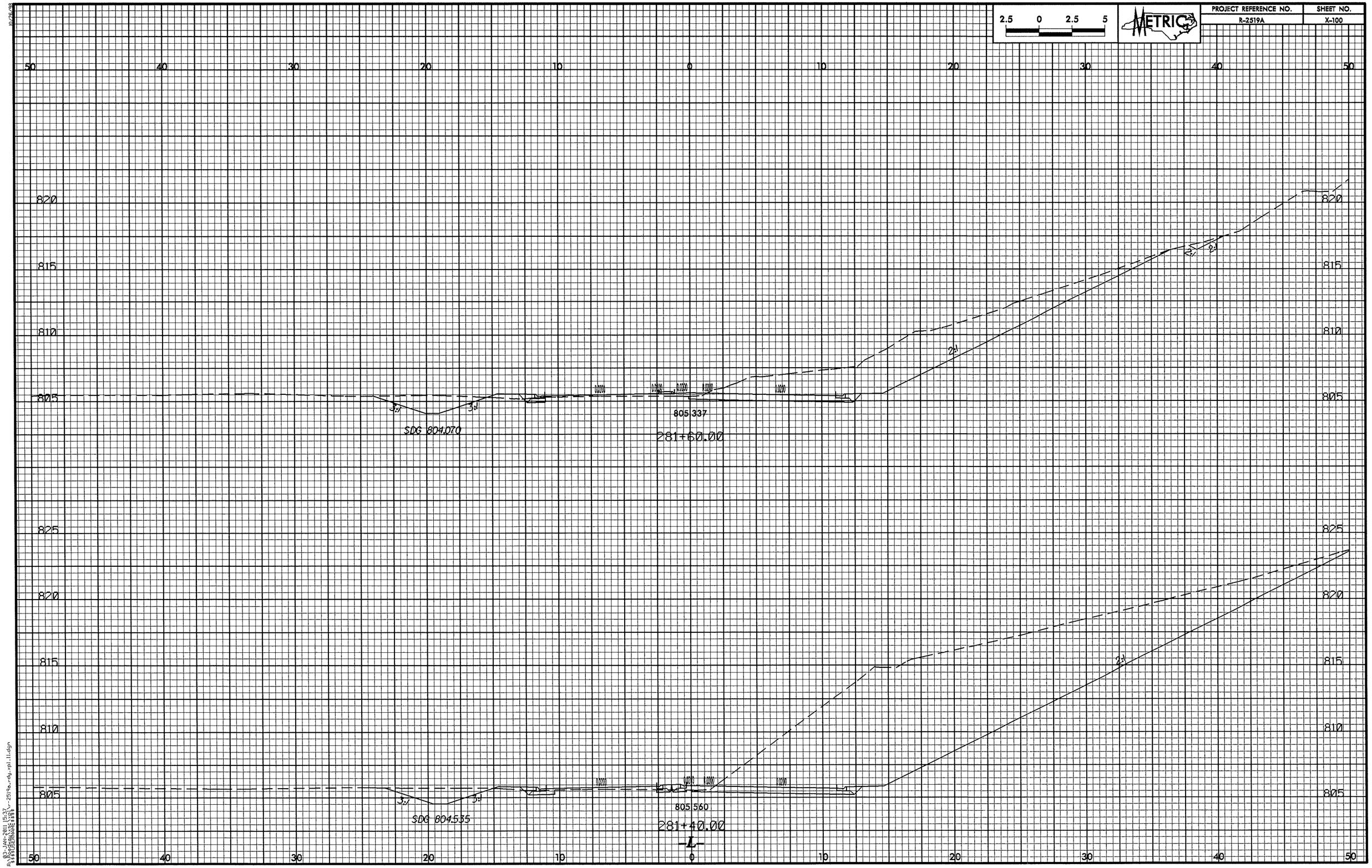
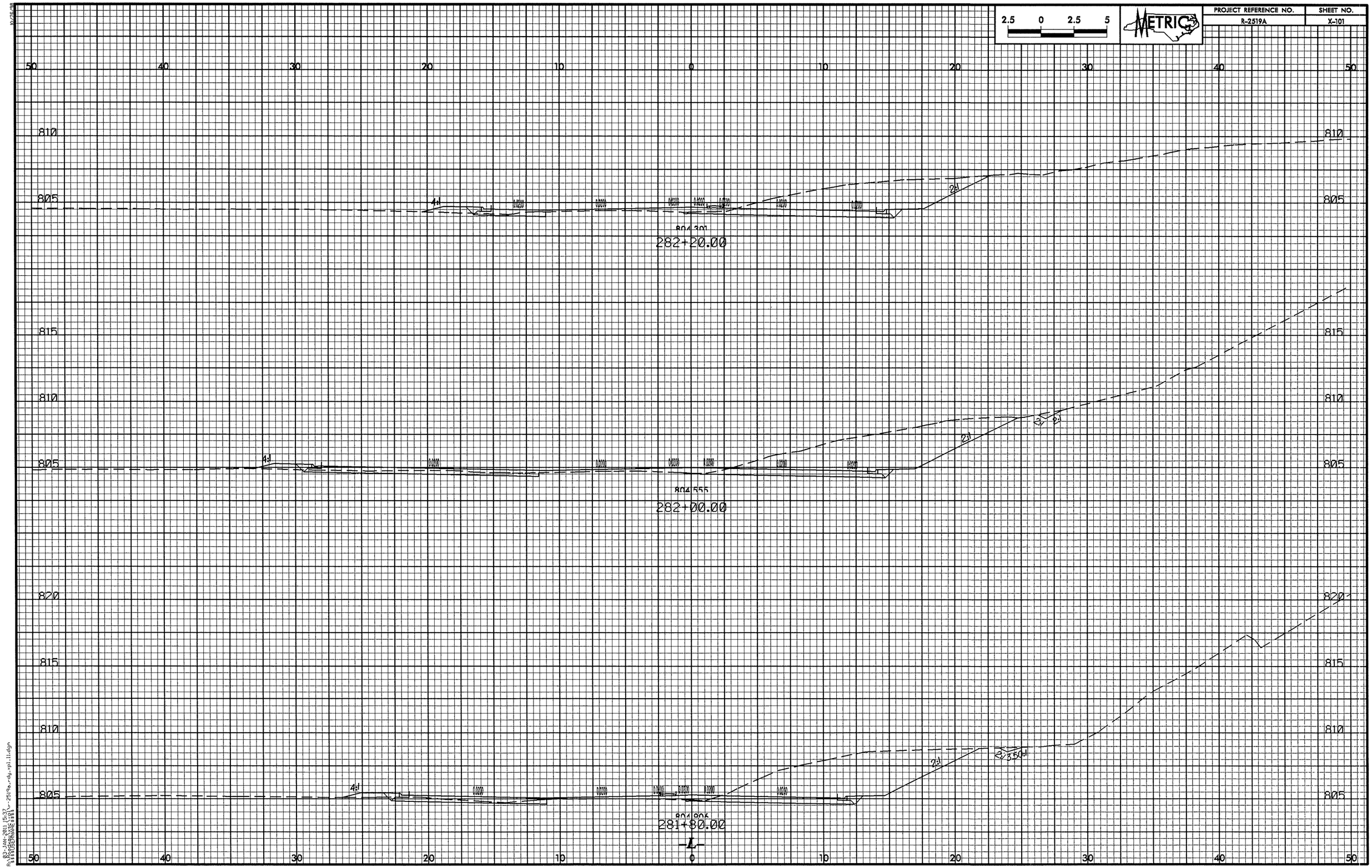


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-100
50 40 30 20 10 0 10 20 30 40 50
820
815
810
805
825
3:1
2:1
SDG 804.070
805.337
281+60.00
SDG 804.535
805.560
281+40.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-101



03-JAN-2011 15:37
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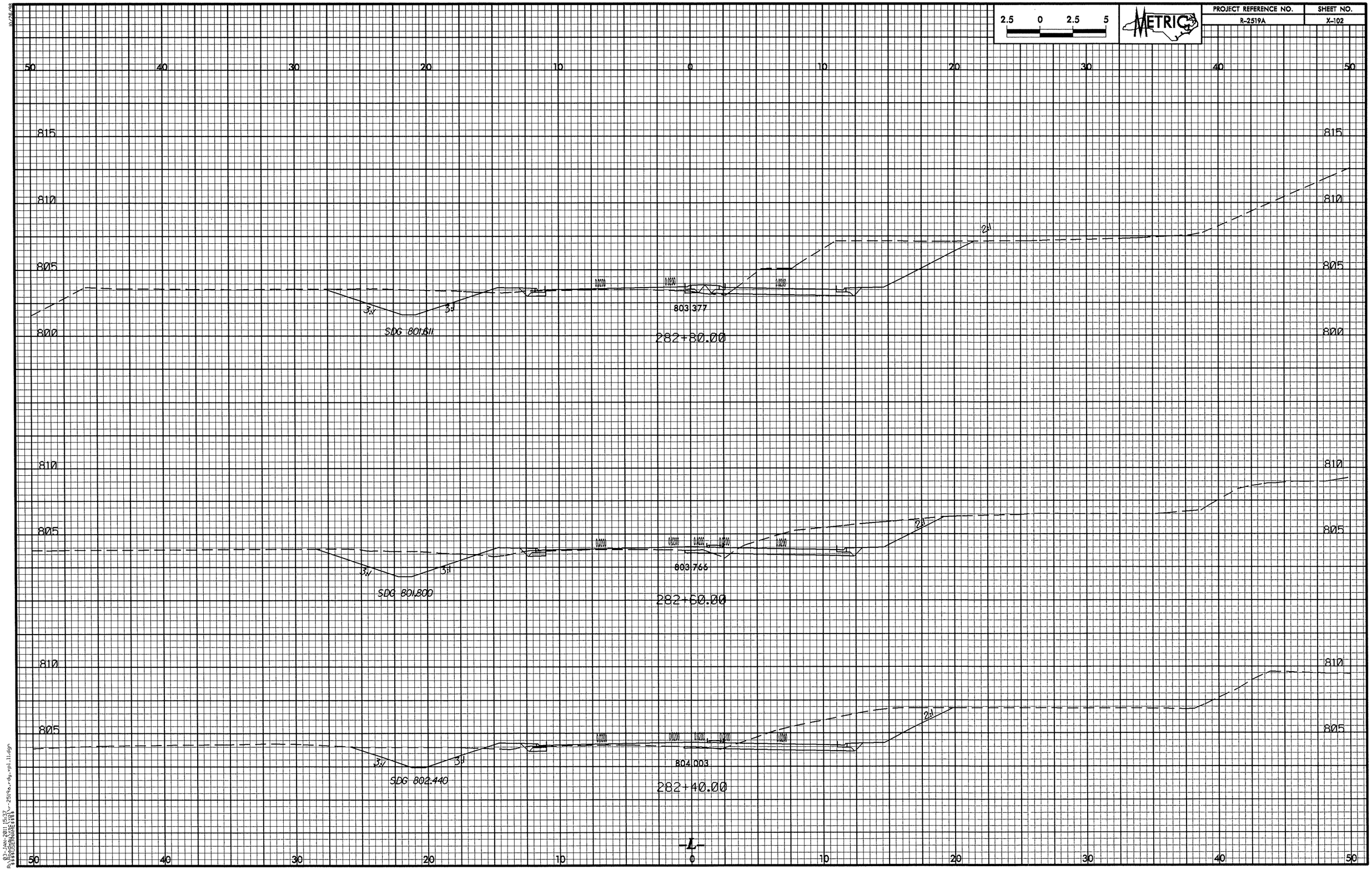
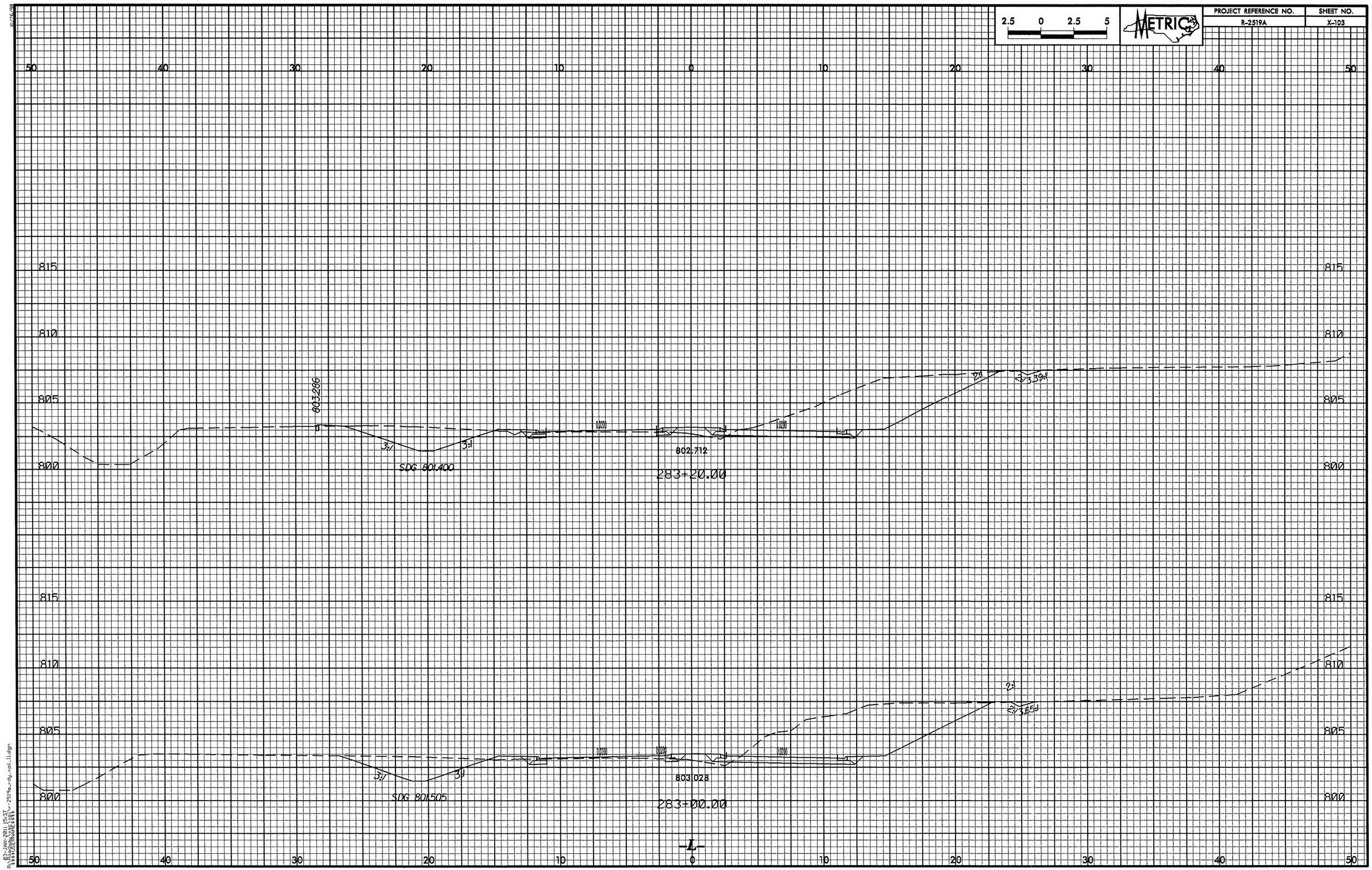
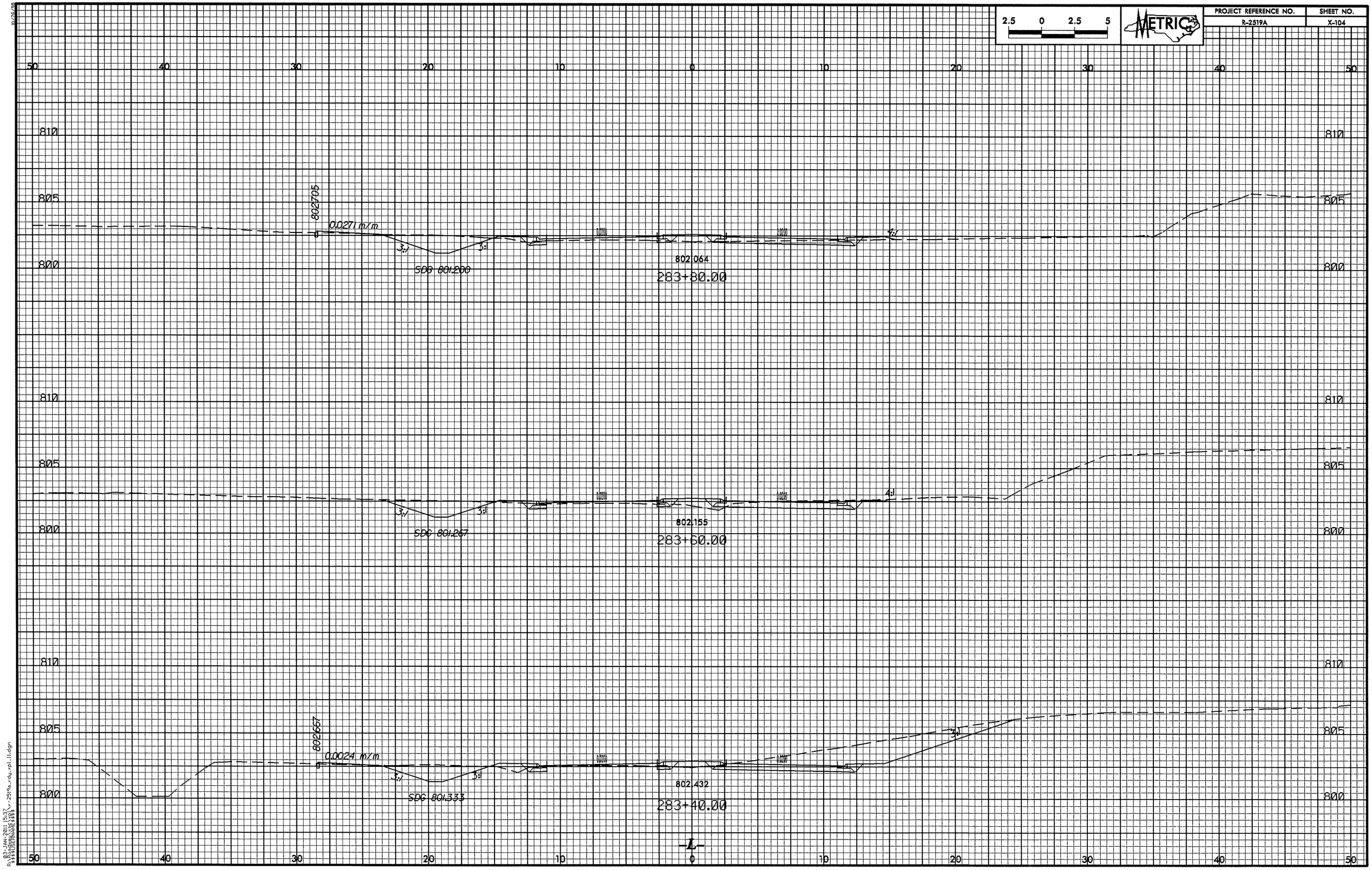

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-102
50 40 30 20 10 0 10 20 30 40 50
815
810
805
800
3:1
SDG 801.611
803.377
282+80.00
SDG 801.800
803.766
282+60.00
SDG 802.440
804.003
282+40.00
-L-


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-103
50 40 30 20 10 0 10 20 30 40 50
815
810
805
800
803.286
3:1
3:1
SDG 801.400
802.712
283+20.00
2:1
3.39:1
803.028
SDG 801.505
283+00.00
2:1
3.65:1
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-104

2.5 0 2.5 5

METRIC



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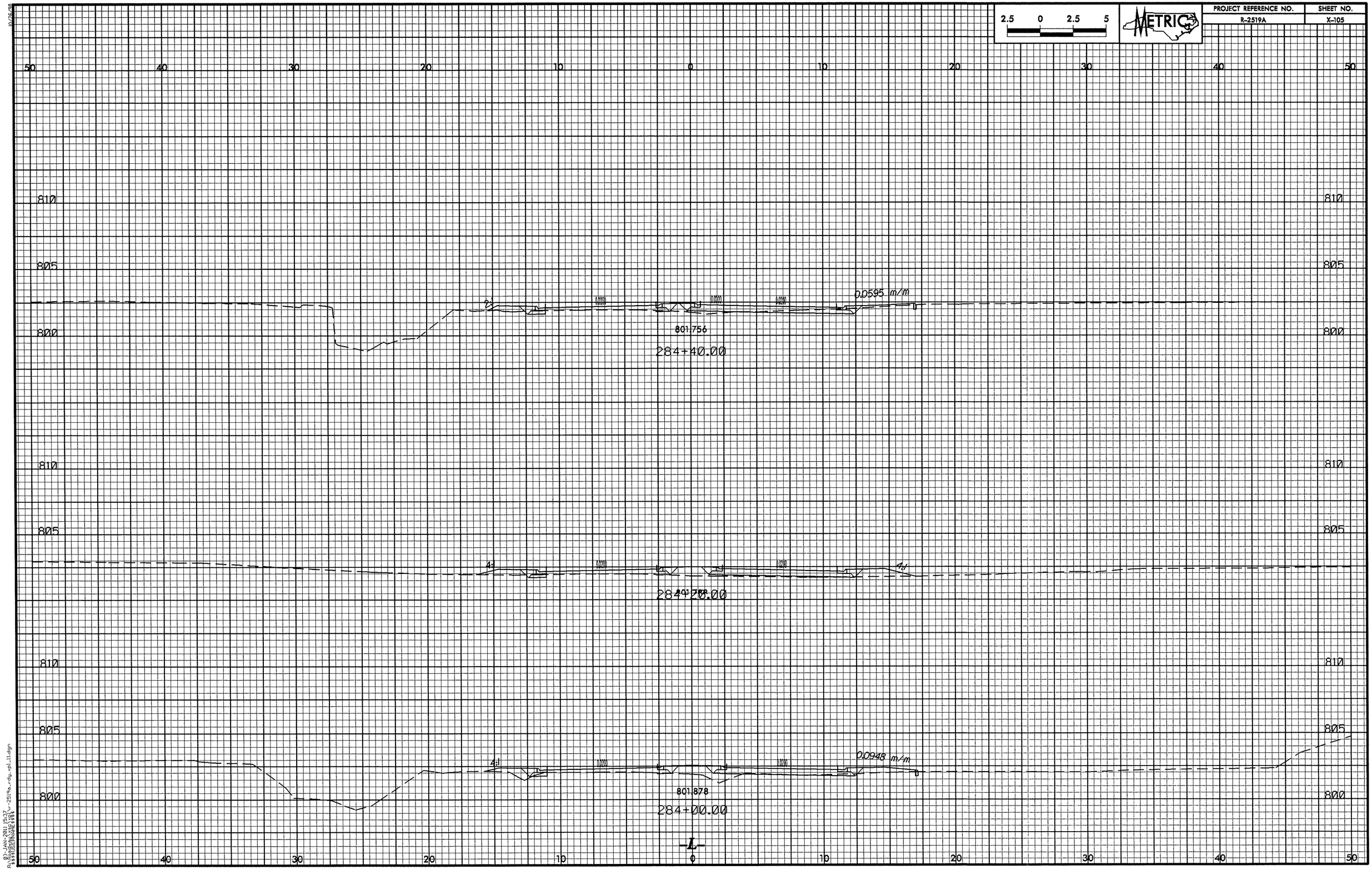
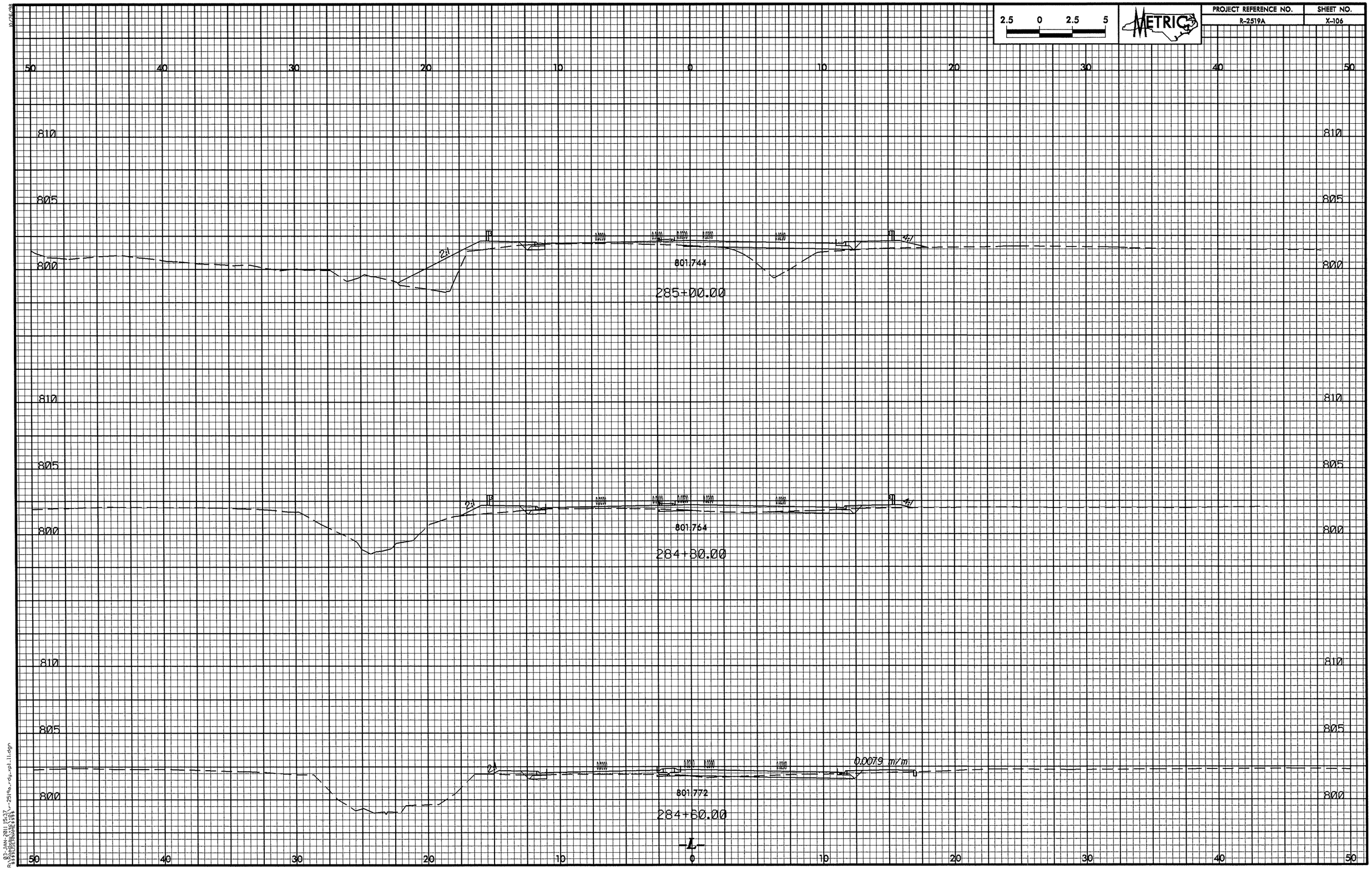


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-105
50 40 30 20 10 0 10 20 30 40 50
810
805
800
0.0595 m/m
801.756
284+40.00
4:1
284+20.00
0.0948 m/m
801.878
284+00.00
-L-

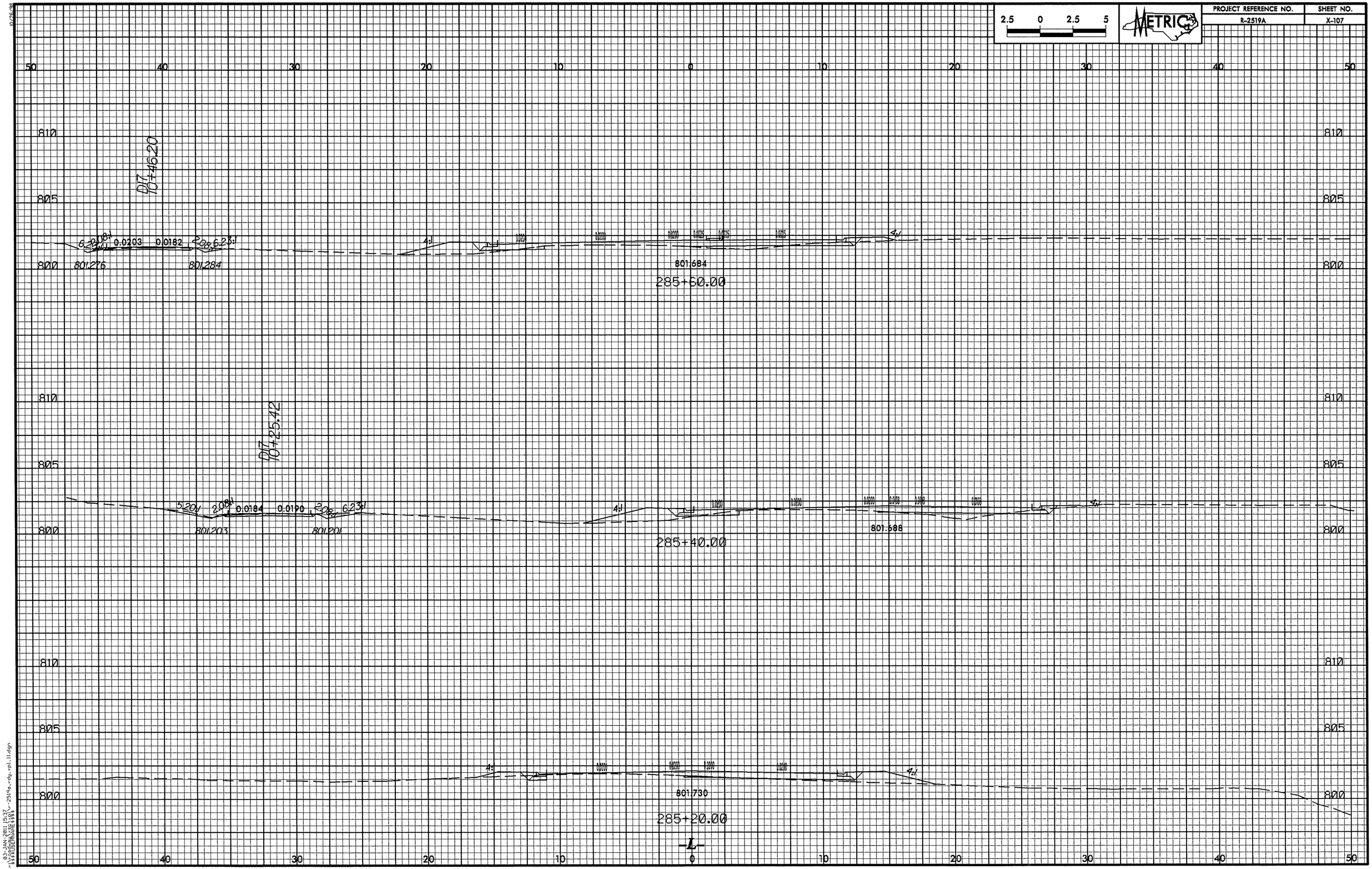


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-106
50 40 30 20 10 0 10 20 30 40 50
810
805
800
2:1
4:1
801.744
285+00.00
801.764
284+80.00
0.0079 m/m
801.772
284+60.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-107

2.5 0 2.5 5

METRIC



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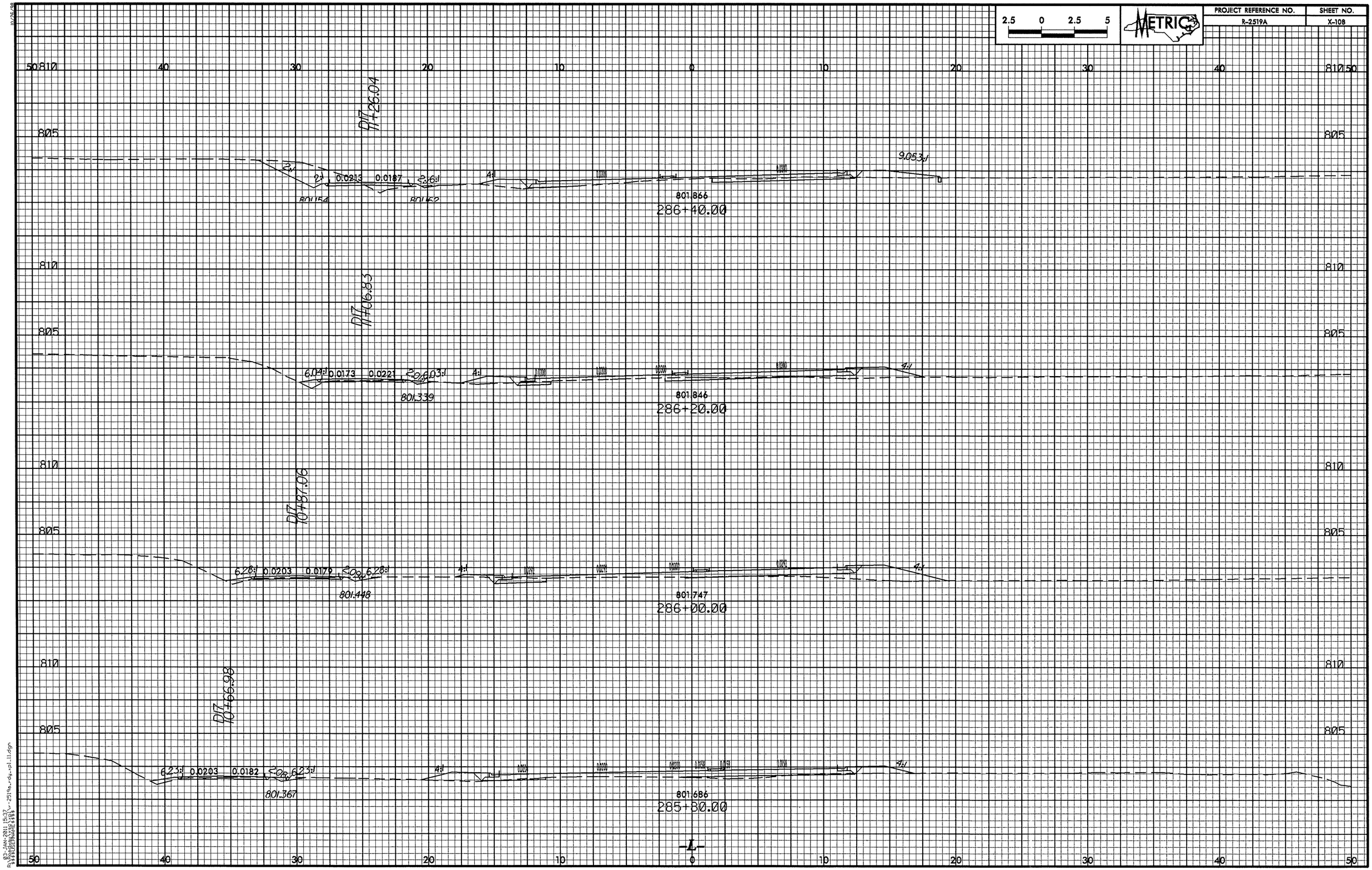

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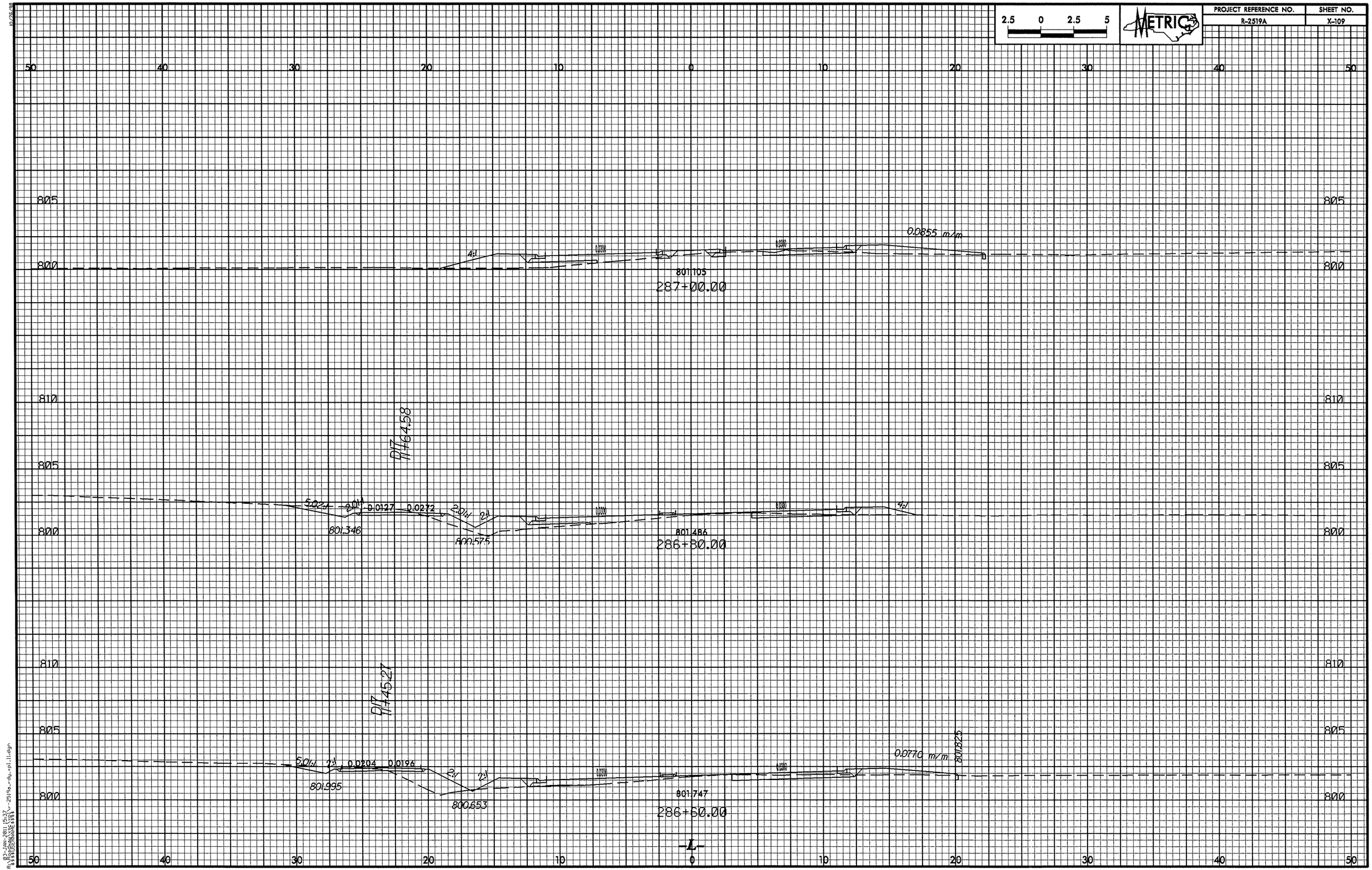
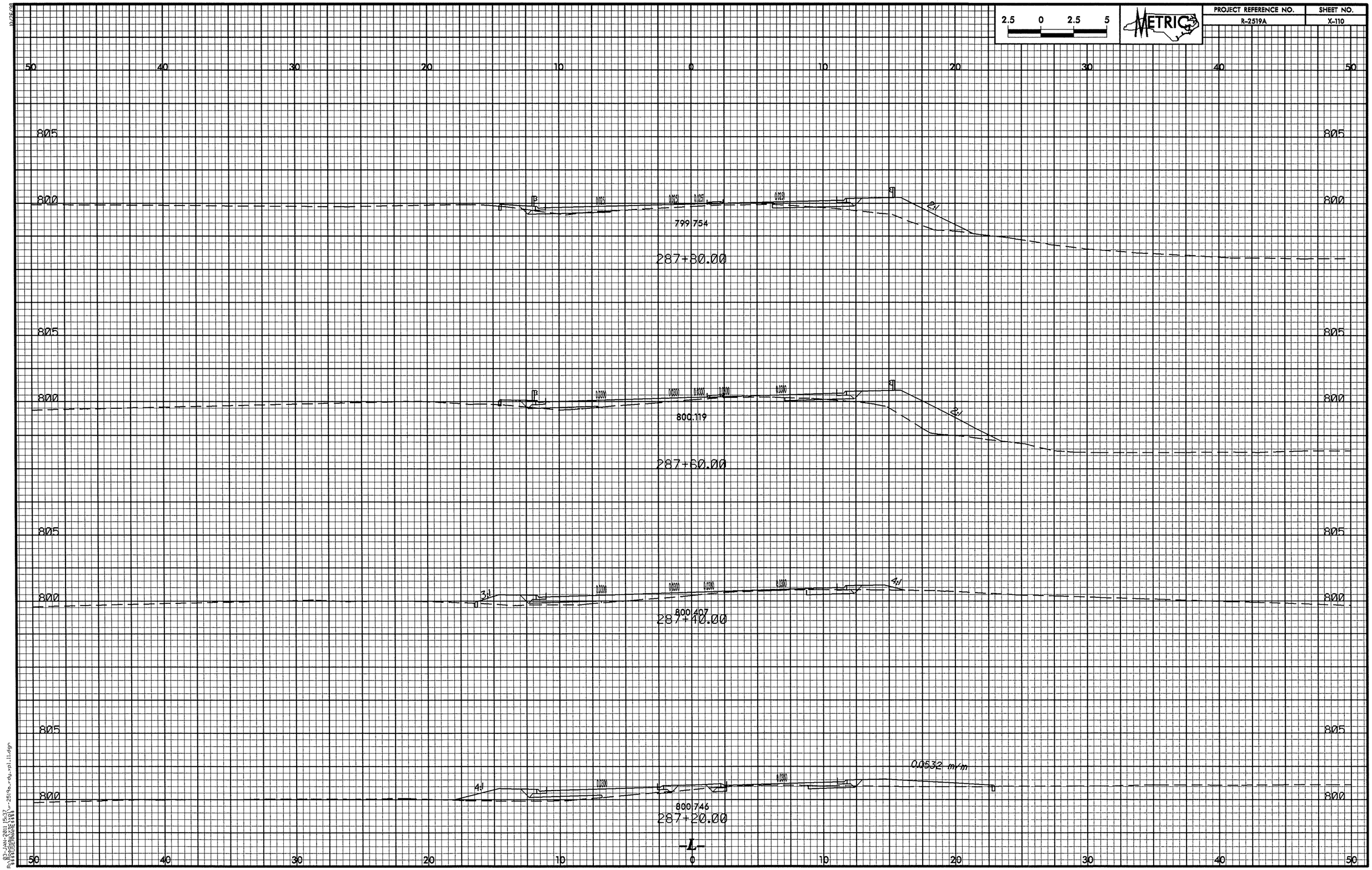
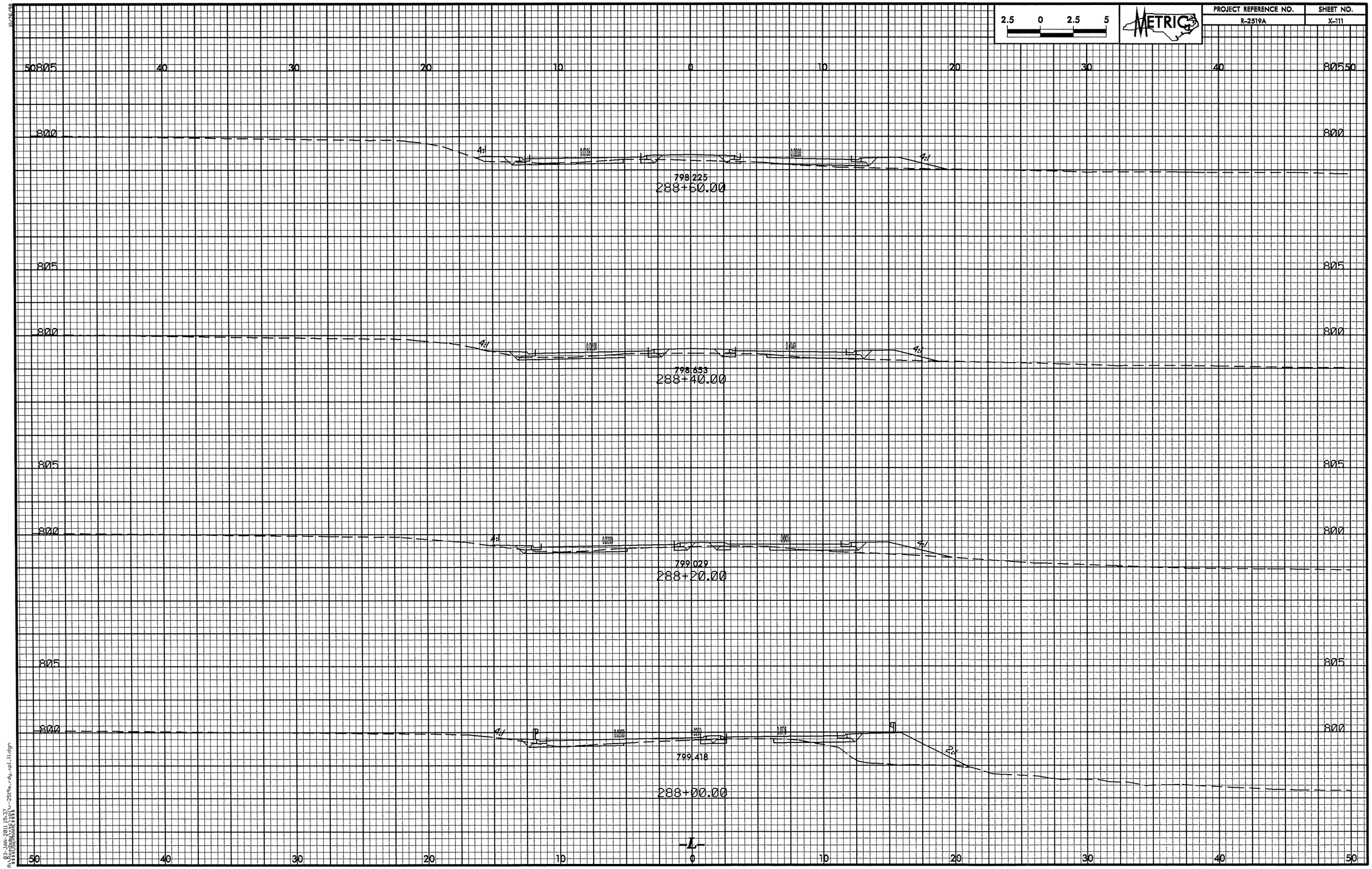


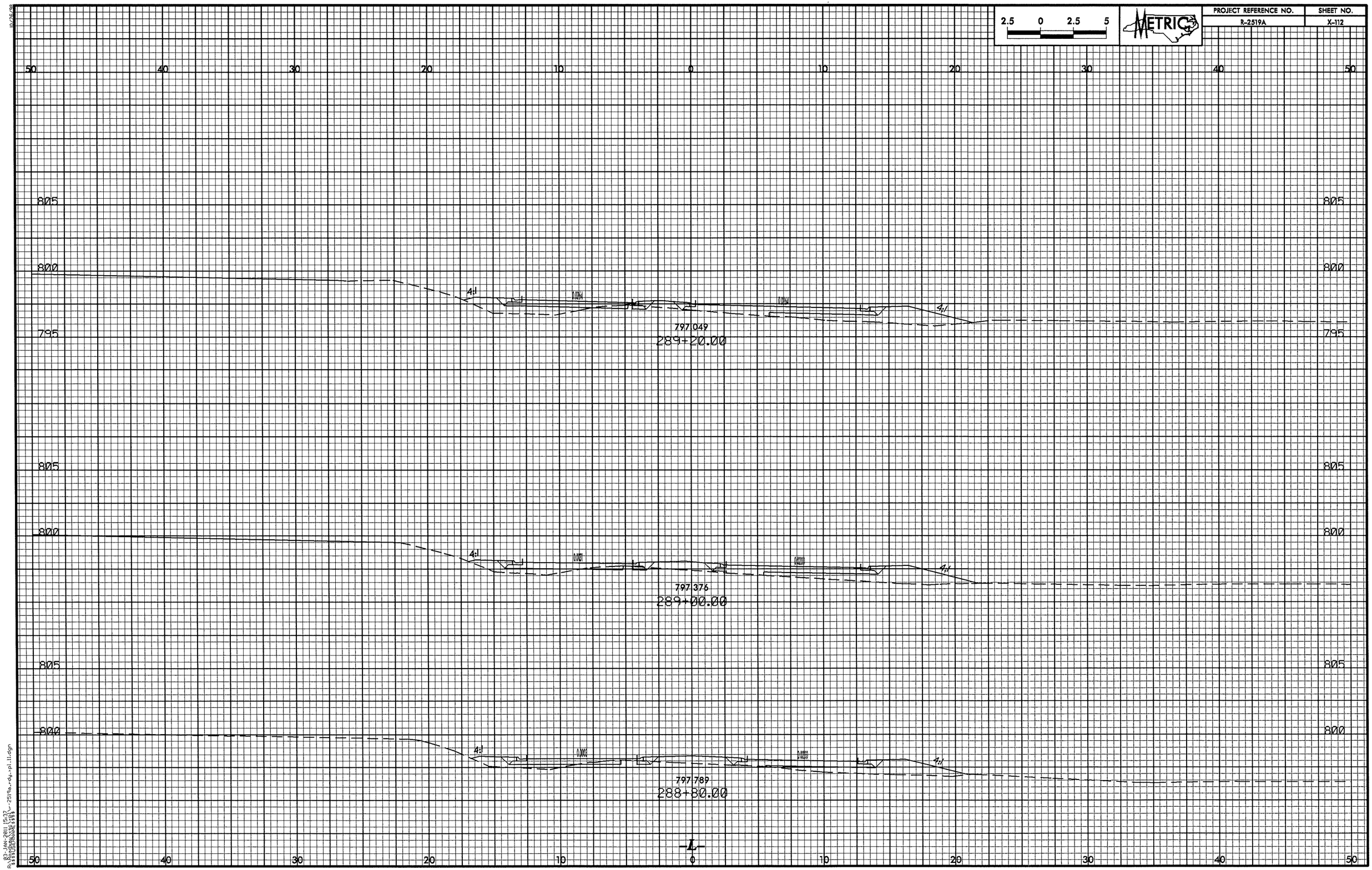
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-109
50 40 30 20 10 0 10 20 30 40 50
805
800
810
4:1
0.0855 m/m
801.105
287+00.00
PI7 11+64.58
5.02:1
2.01:1
0.0127
0.0272
2.01:1
2:1
4:1
801.346
800.575
801.486
286+80.00
PI7 11+45.27
5.01:1
2:1
0.0204
0.0196
2:1
2:1
0.0770 m/m
801.825
801.995
800.653
801.747
286+60.00
-L-



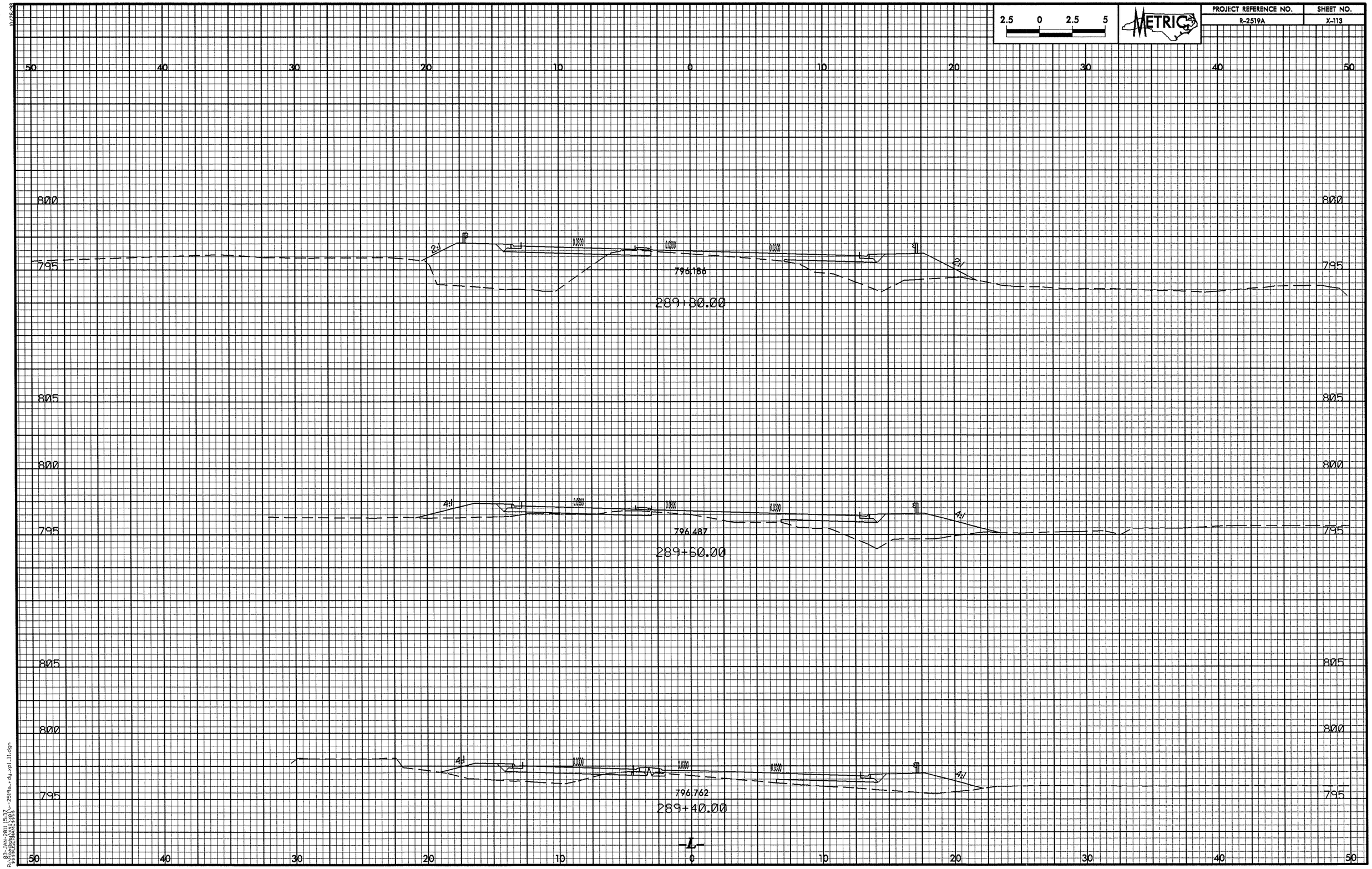
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-110
50 40 30 20 10 0 10 20 30 40 50
805
800
799.754
287+80.00
2:1
800.119
287+60.00
3:1
4:1
800.407
287+40.00
0.0532 m/m
800.746
287+20.00
-L-



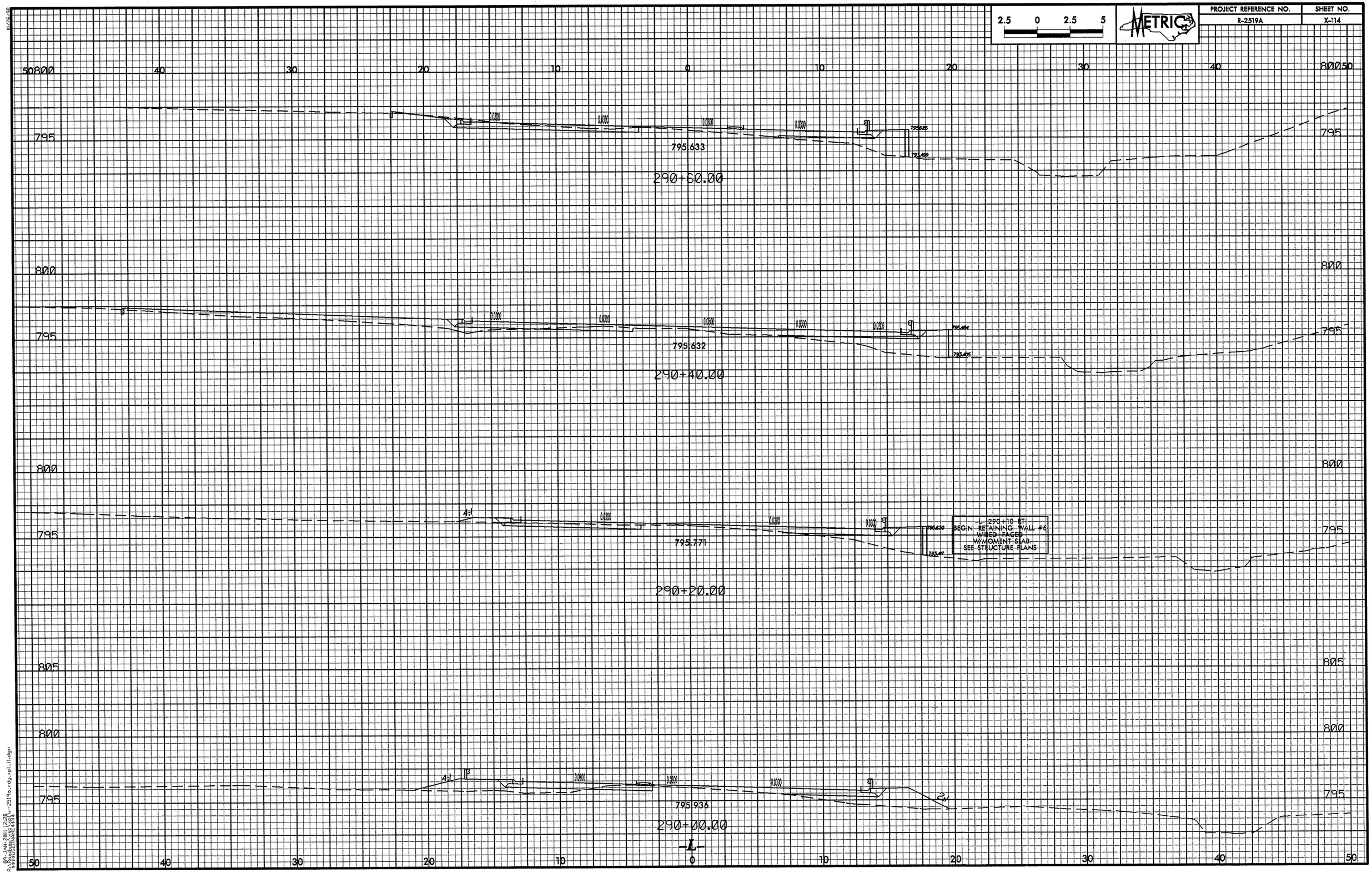
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-111
50 805 40 30 20 10 0 10 20 30 40 805 50
800
4:1
798.225
288+60.00
805
800
4:1
798.653
288+40.00
805
800
4:1
799.029
288+20.00
805
800
4:1
2:1
799.418
288+00.00
-L-
50 40 30 20 10 0 10 20 30 40 50



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-112
50 40 30 20 10 0 10 20 30 40 50
805
800
795
4:1
797 049
289+20.00
797 376
289+00.00
797 789
288+80.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-113
50 40 30 20 10 0 10 20 30 40 50
800
795
2:1
796.186
289+30.00
805
4:1
796.487
289+60.00
796.762
289+40.00
-L-



08-JAN-2011 12:26
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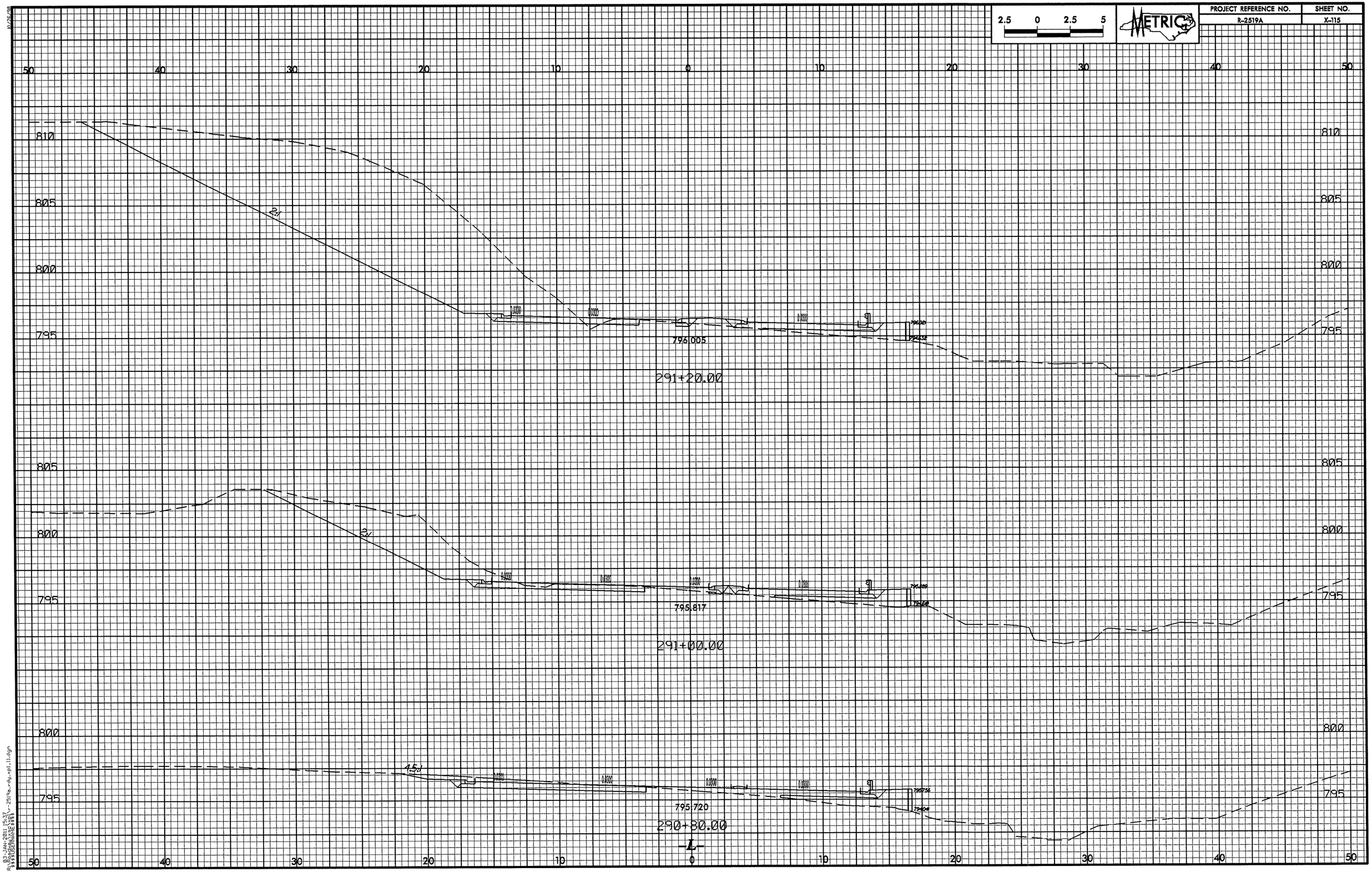
PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-115



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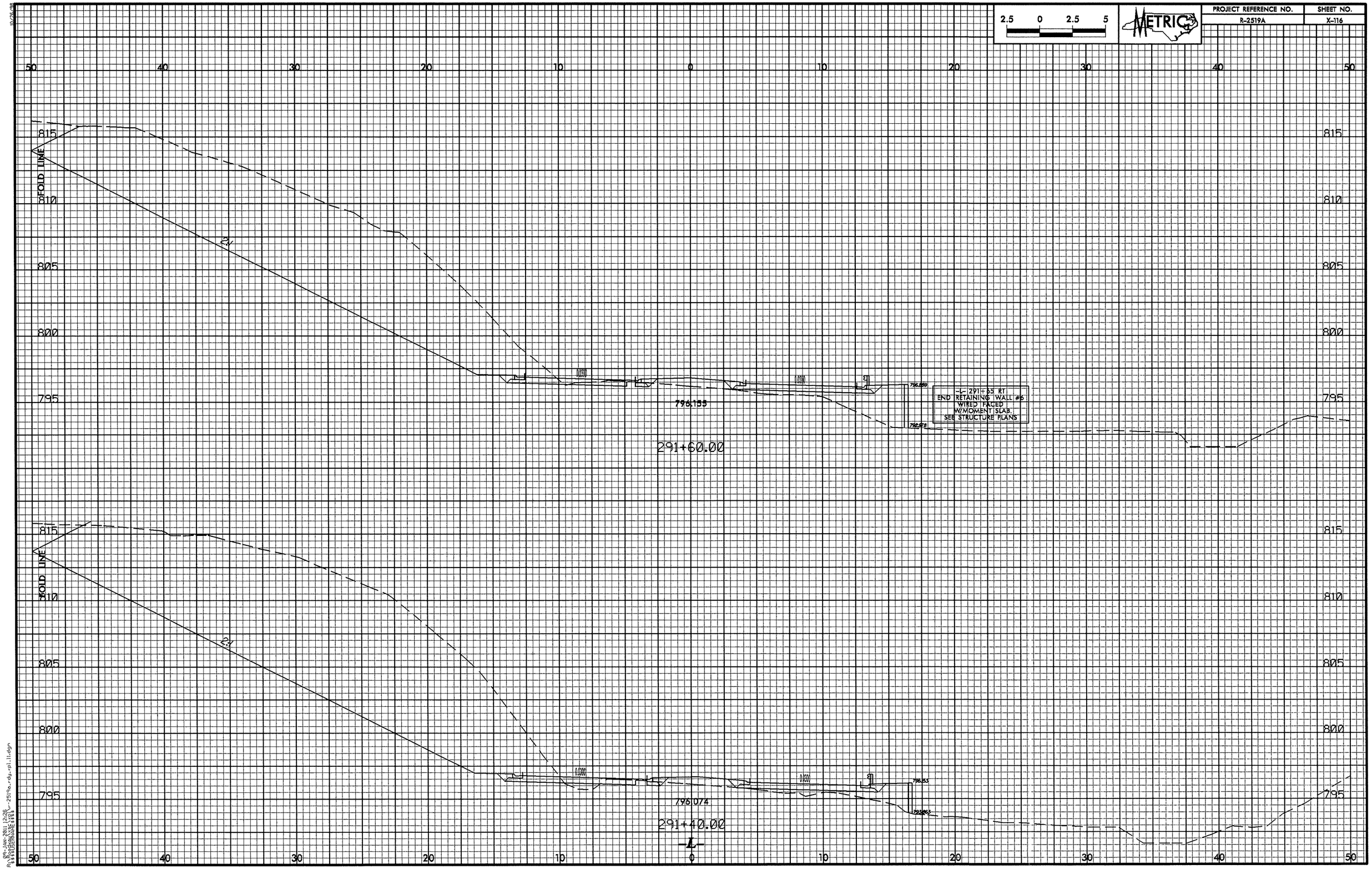
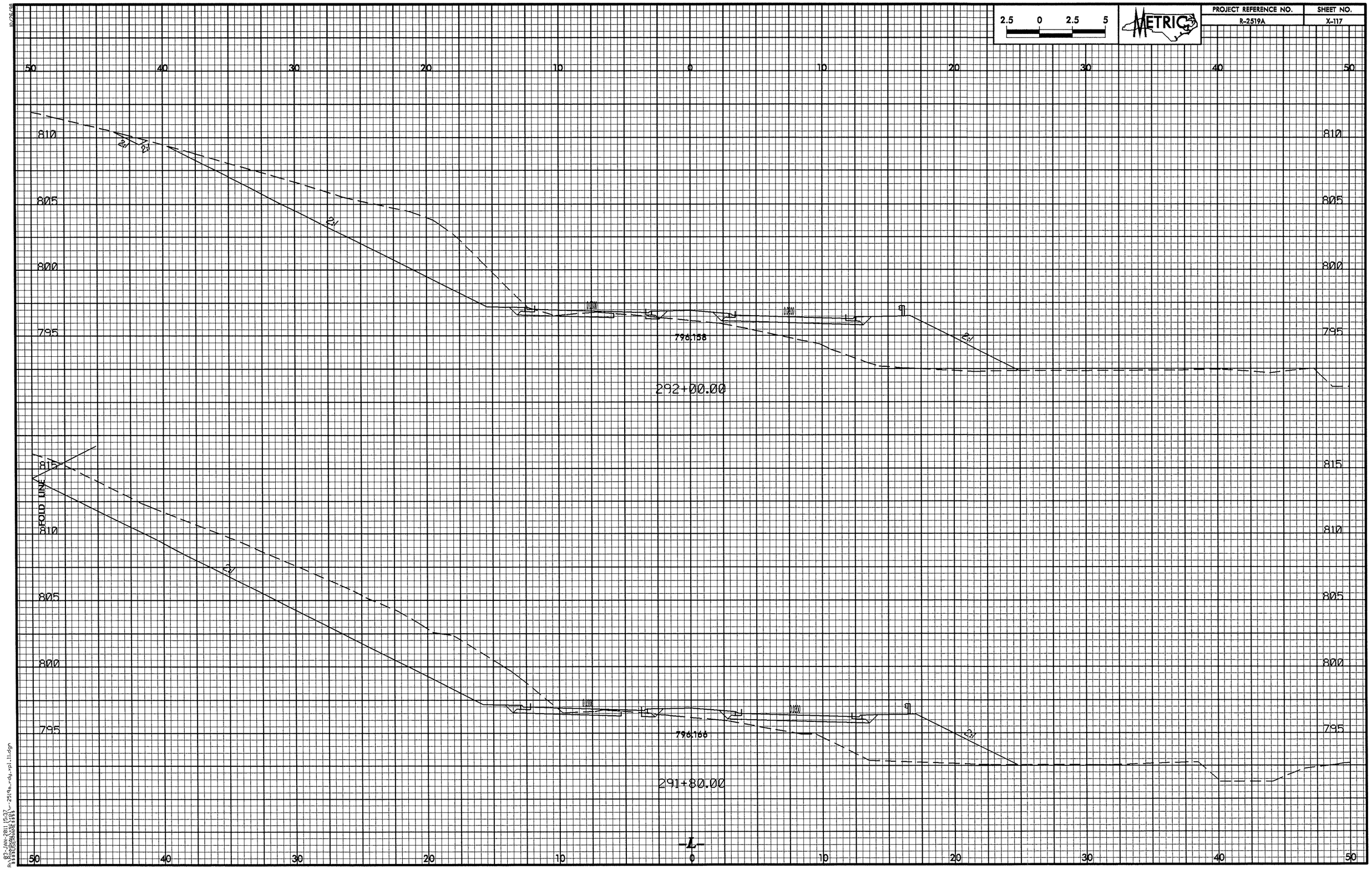
PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-116





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03-JAN-2011 15:37
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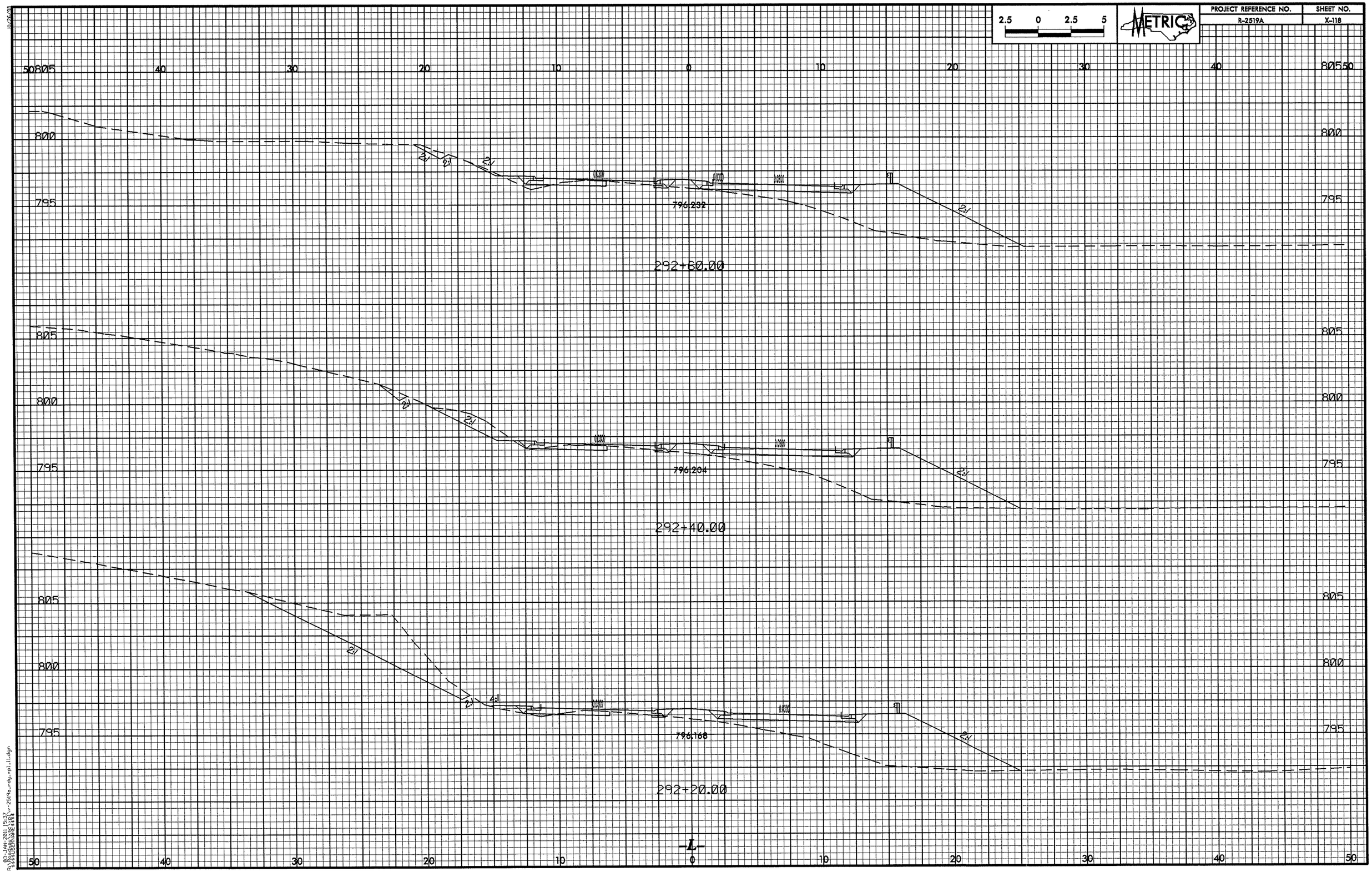
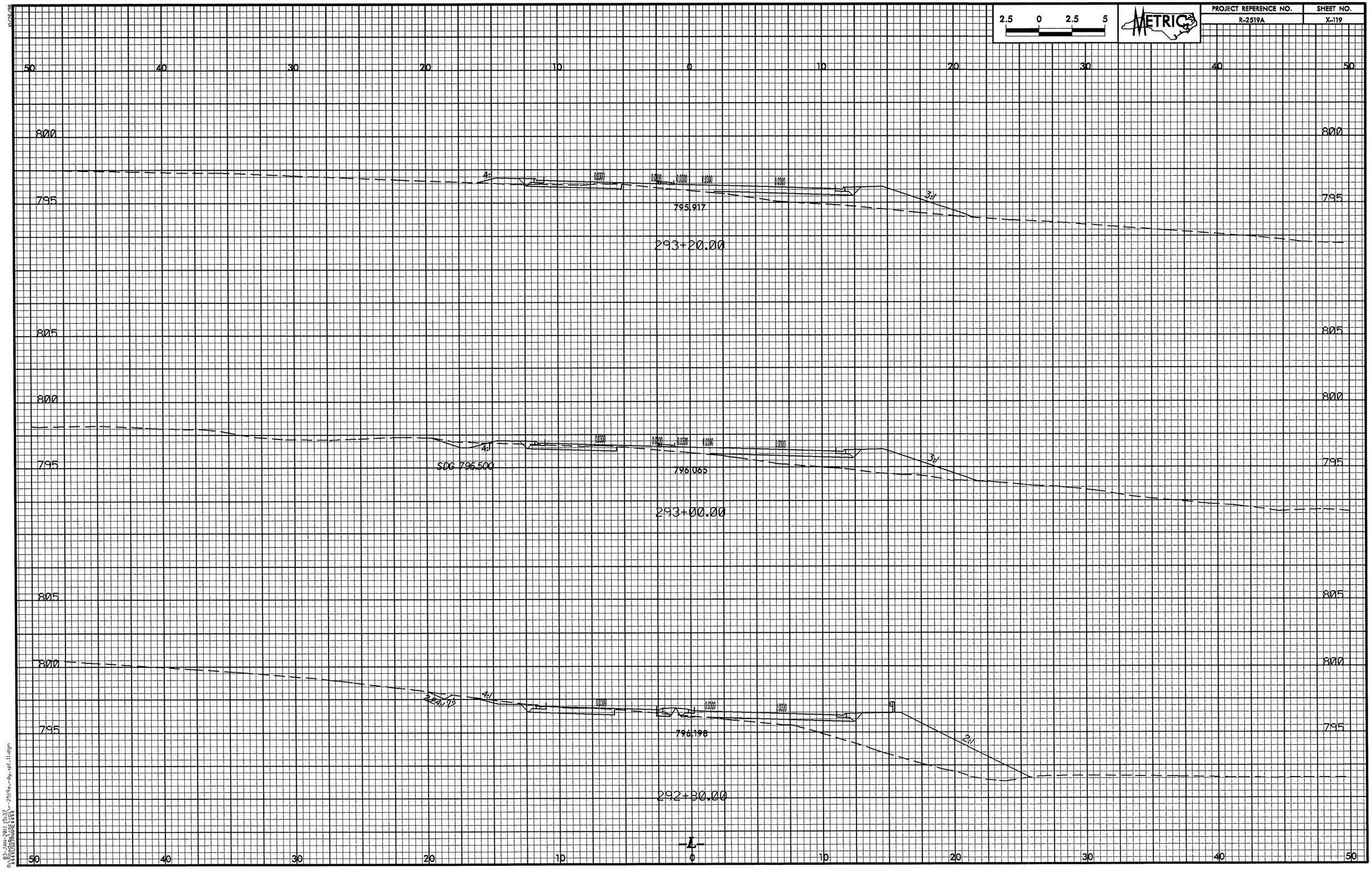
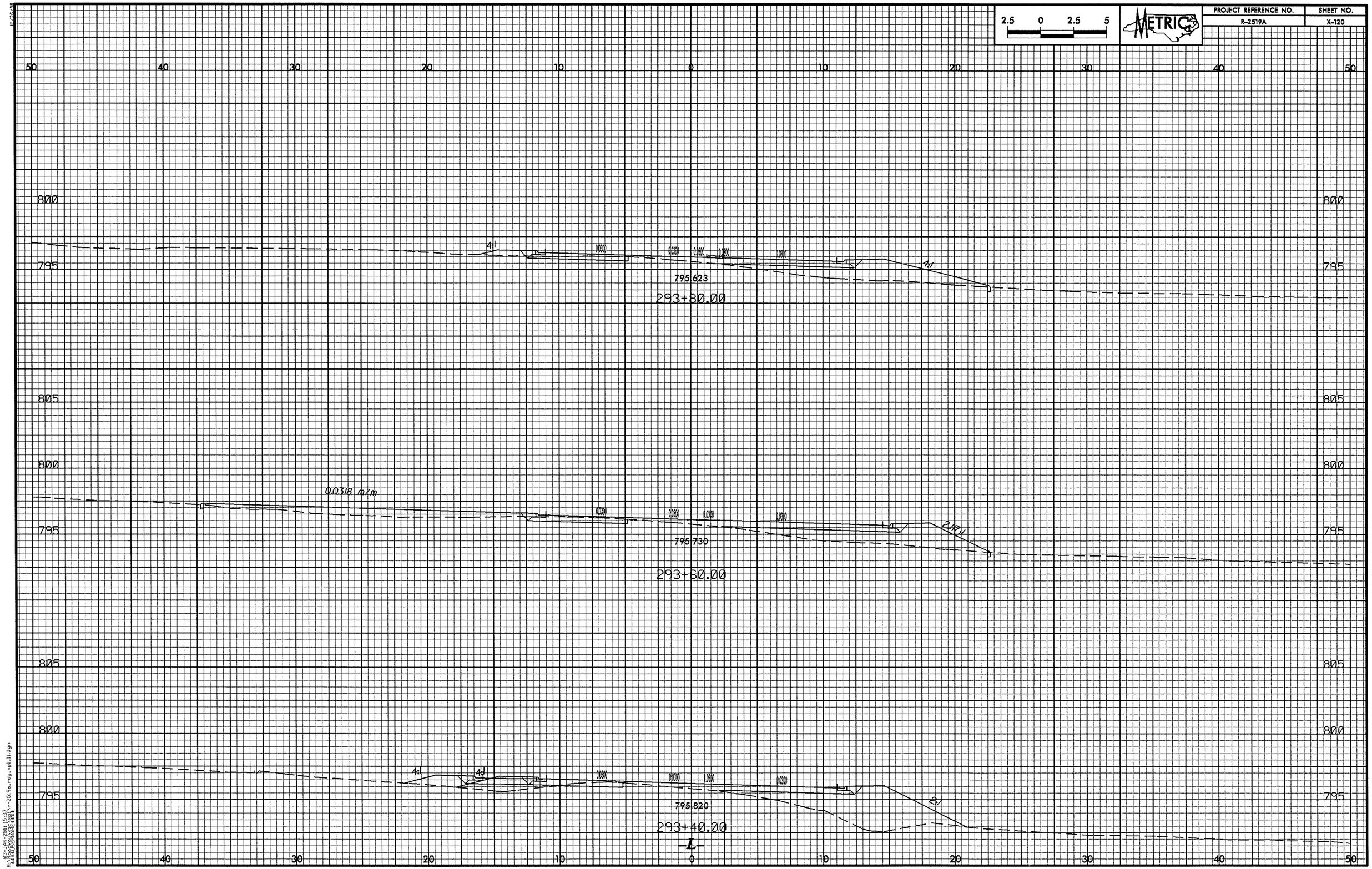


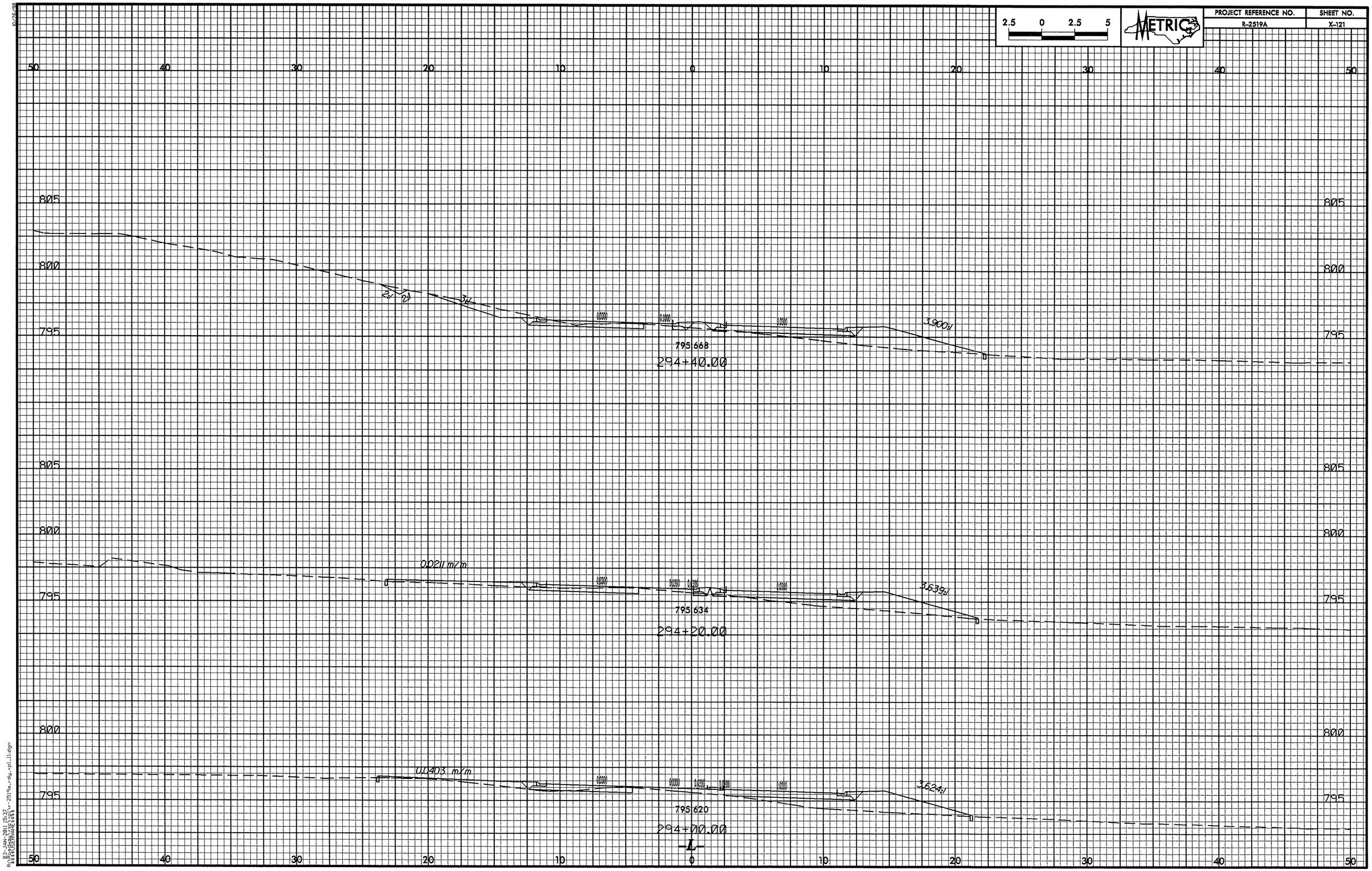
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-118
50 805 40 30 20 10 0 10 20 30 40 805 50
800
795
796.232
292+60.00
2:1
805
800
795
796.204
292+40.00
2:1
805
800
795
796.168
292+20.00
2:1
4:1
-L-
50 40 30 20 10 0 10 20 30 40 50



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-119
50 40 30 20 10 0 10 20 30 40 50
800
795
4:1
3:1
795.917
293+20.00
805
SDG 796.500
796.065
293+00.00
796.198
2:1
292+80.00
-L-


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-120
50 40 30 20 10 0 10 20 30 40 50
800
795
805
4:1
795.623
293+80.00
0.0318 m/m
2:1
795.730
293+60.00
795.820
293+40.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-121



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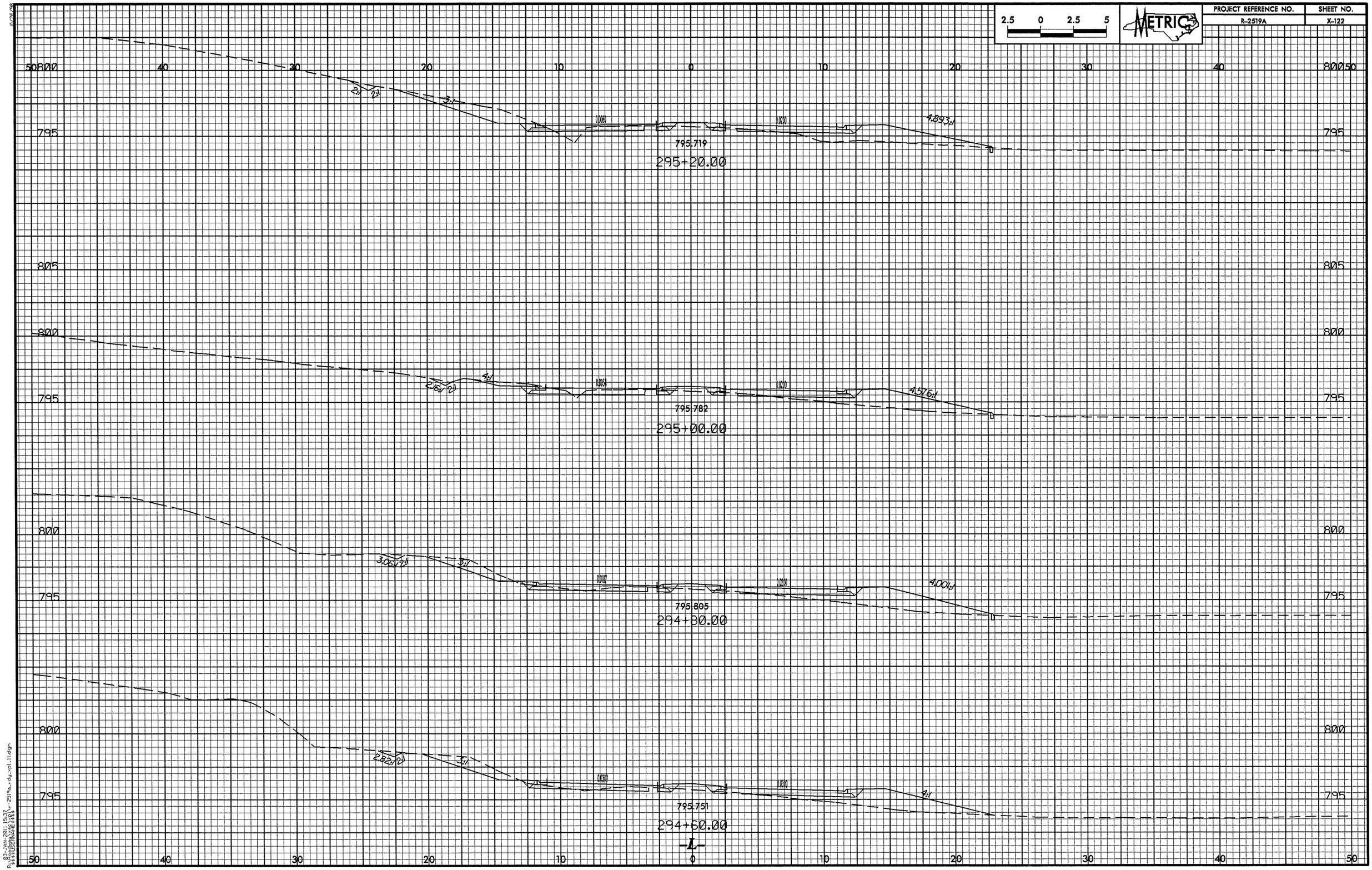
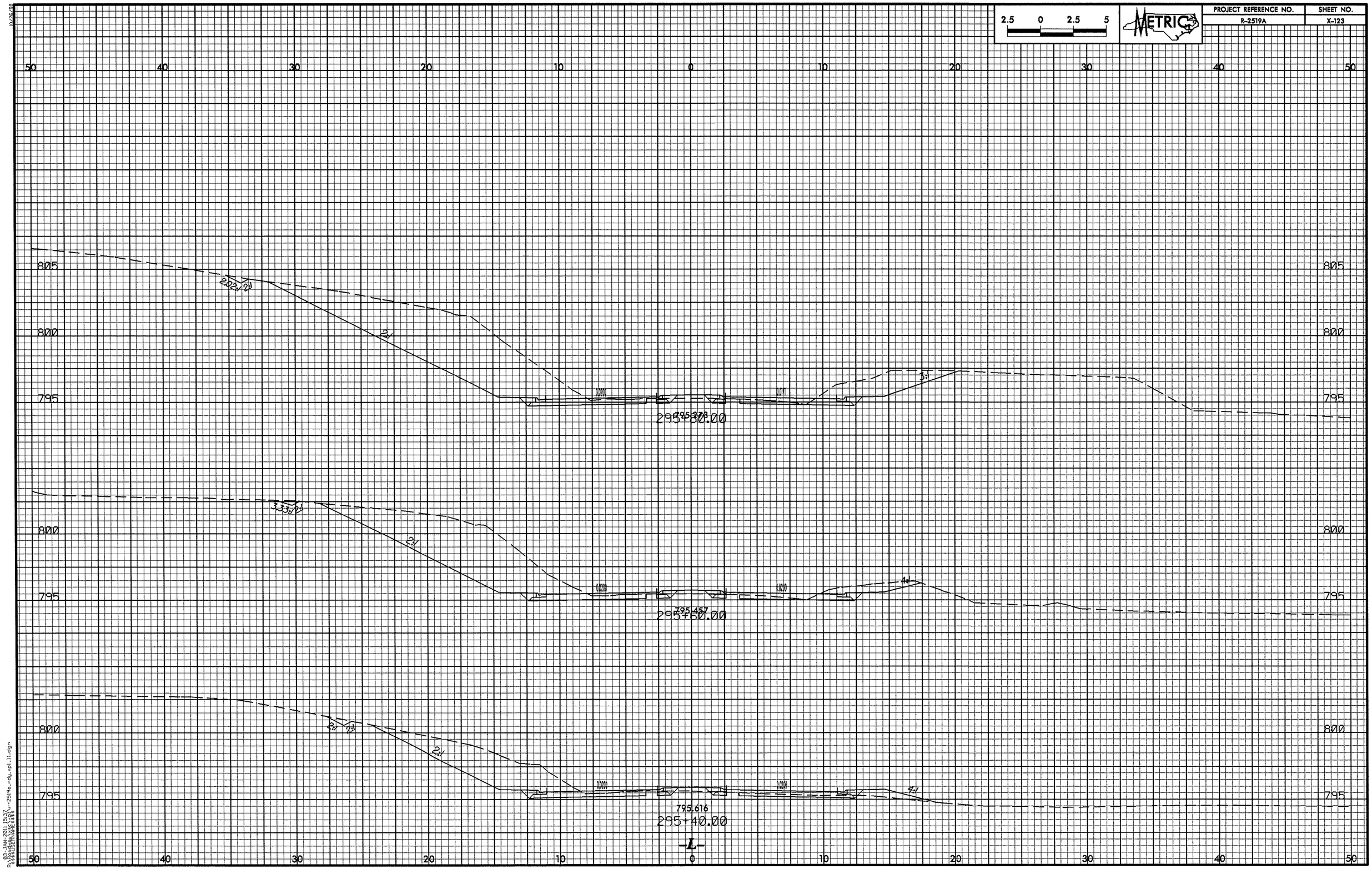
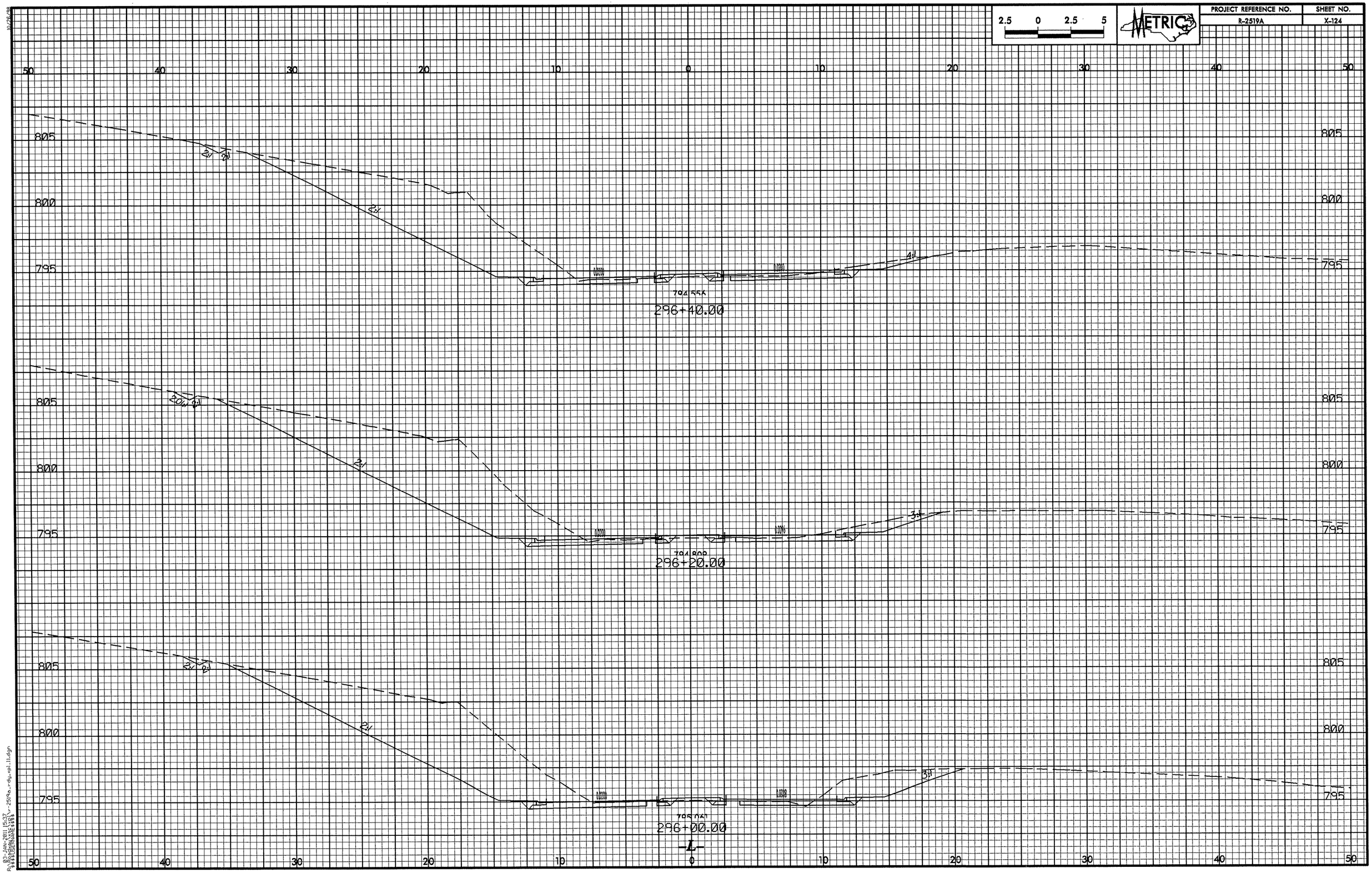


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-122
50 800
40
30
20
10
0
10
20
30
40
800 50
795
2:1
2:1
3:1
4.893:1
795.719
295+20.00
805
800
795
2.16:1
2:1
4:1
4.576:1
795.782
295+00.00
800
795
3.06:1
2:1
3:1
4.001:1
795.805
294+80.00
800
795
2.82:1
2:1
3:1
4:1
795.751
294+60.00
-L-
50
40
30
20
10
0
10
20
30
40
50



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-123
50 40 30 20 10 0 10 20 30 40 50
805
800
795
2:1
3:1
4:1
795.278
295+30.00
795.457
295+60.00
795.616
295+40.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-124



02-JAN-2011 15:37
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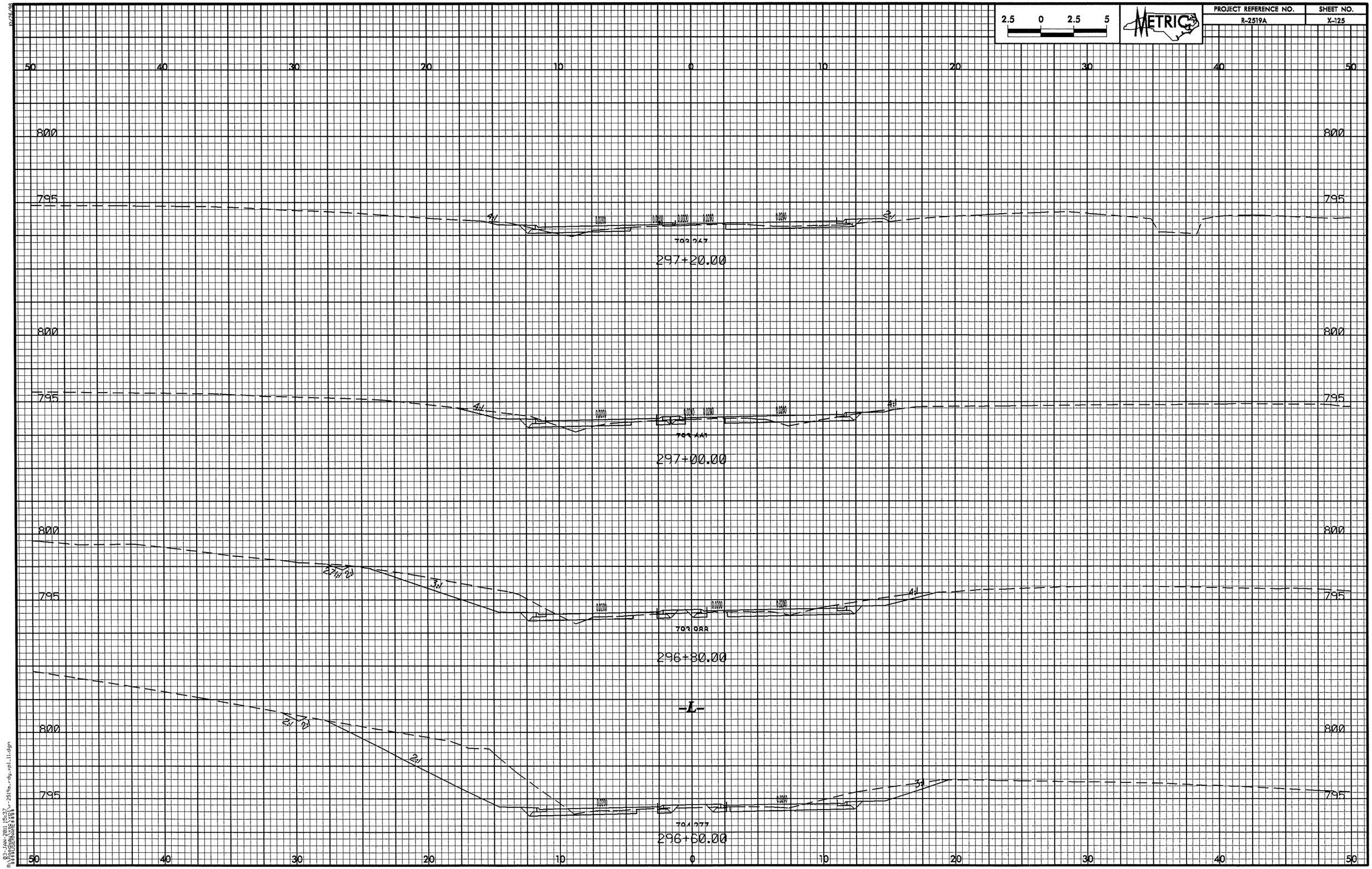
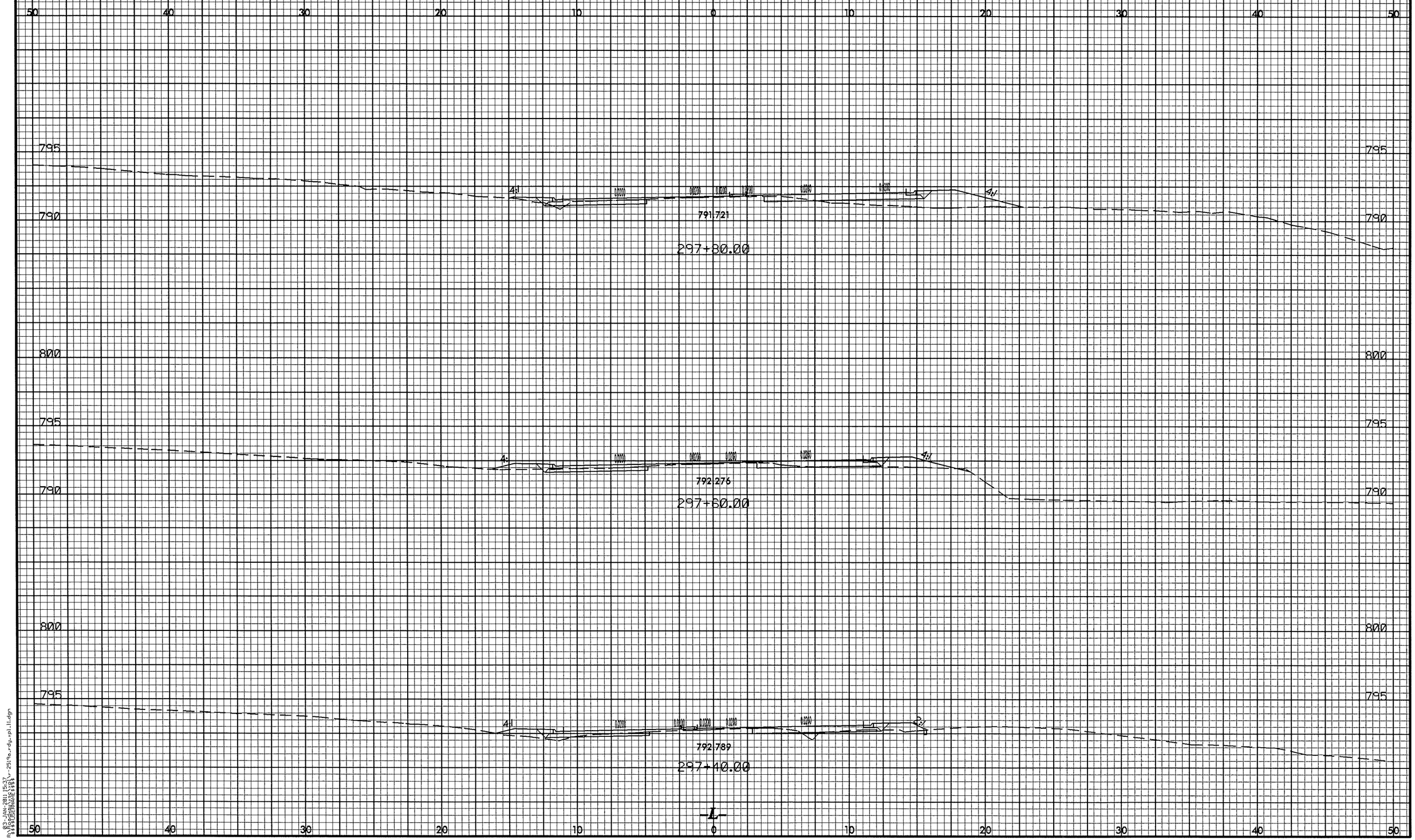
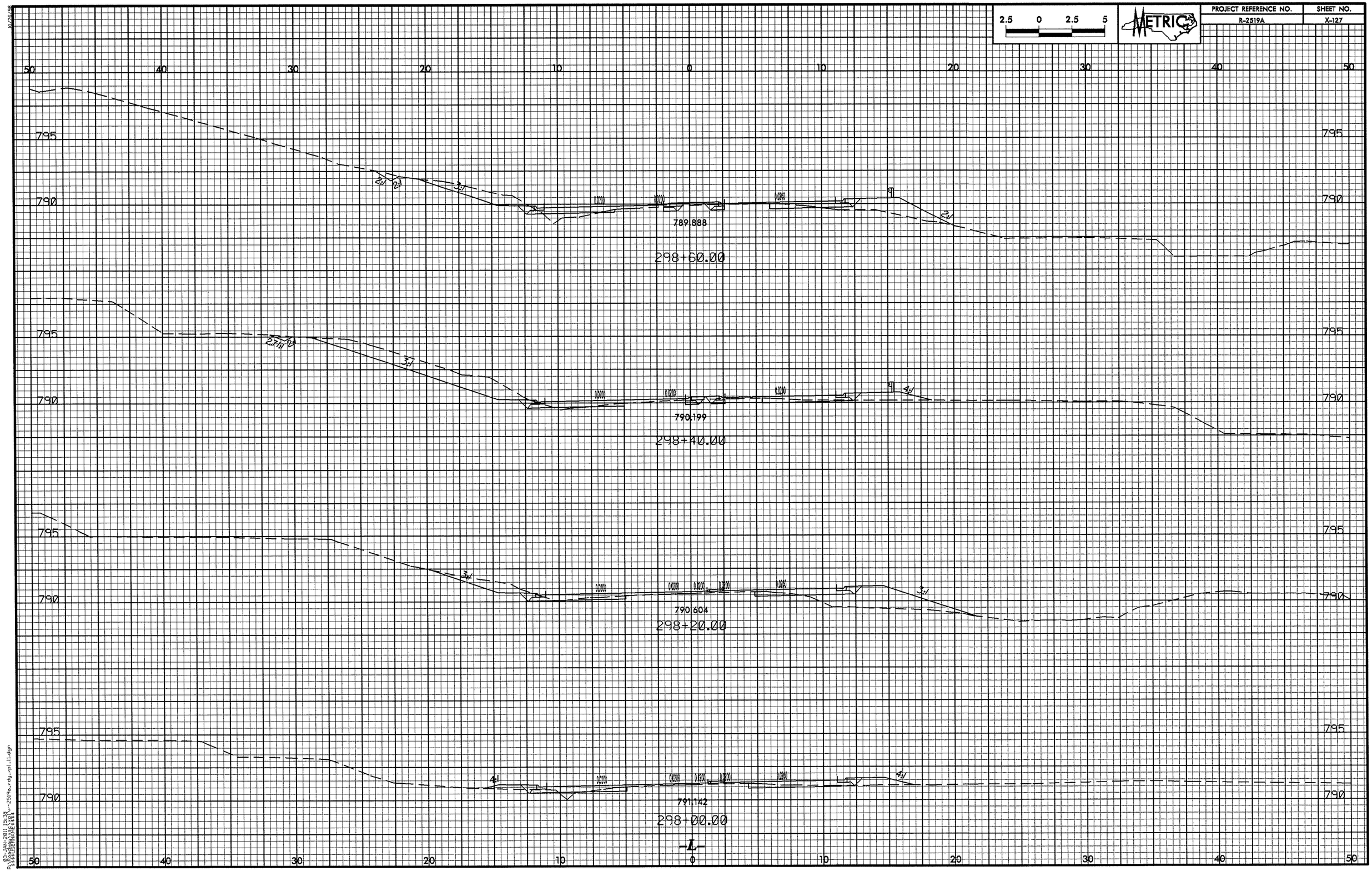


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-125
50 40 30 20 10 0 10 20 30 40 50
800
795
297+20.00
297+00.00
296+80.00
-L-
296+60.00



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-126
50 40 30 20 10 0 10 20 30 40 50
795
790
800
4:1
791.721
297+80.00
792.276
297+60.00
792.789
297+40.00
-L-



03-Jan-2011 15:38
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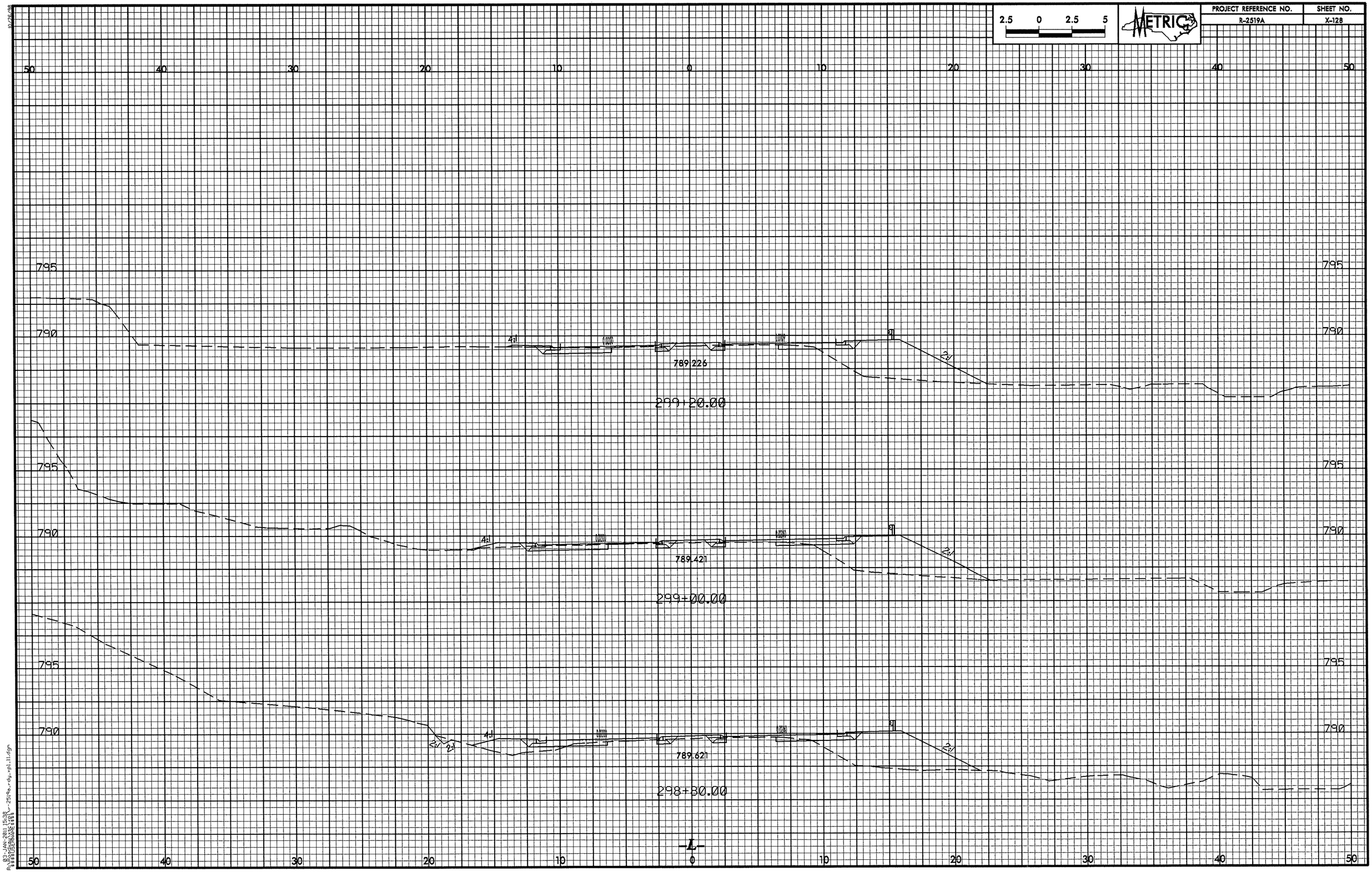
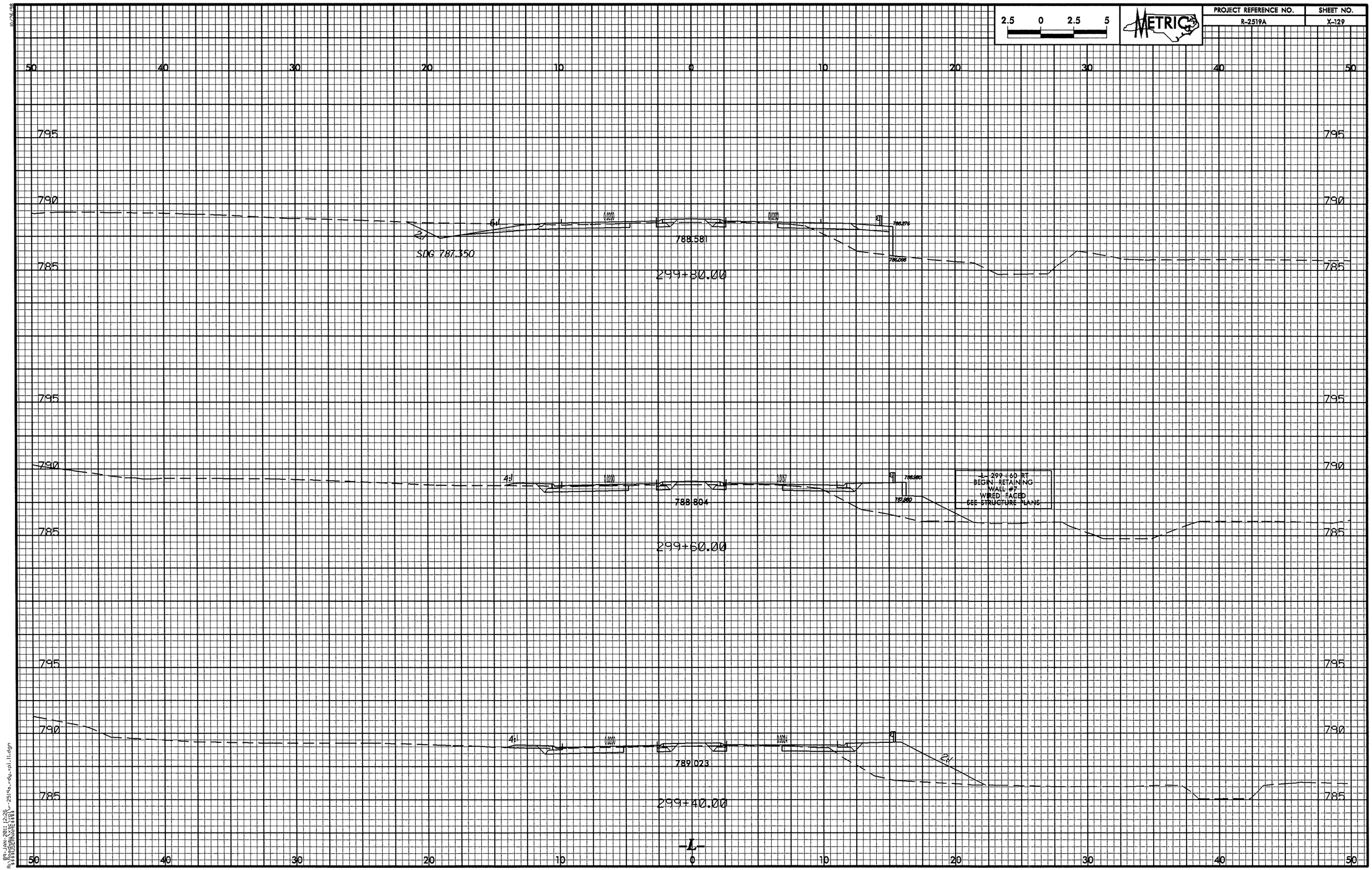
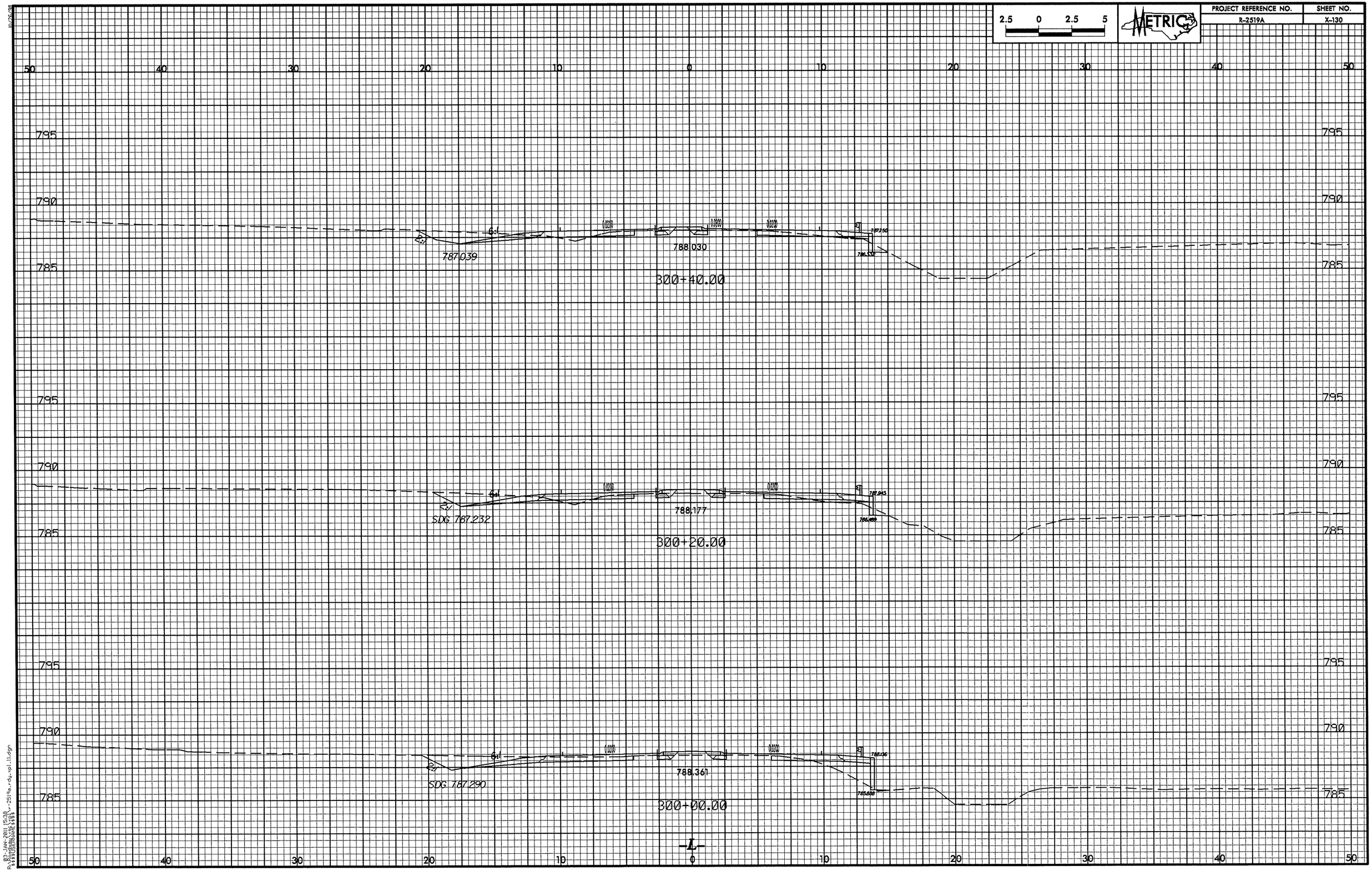
PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-128

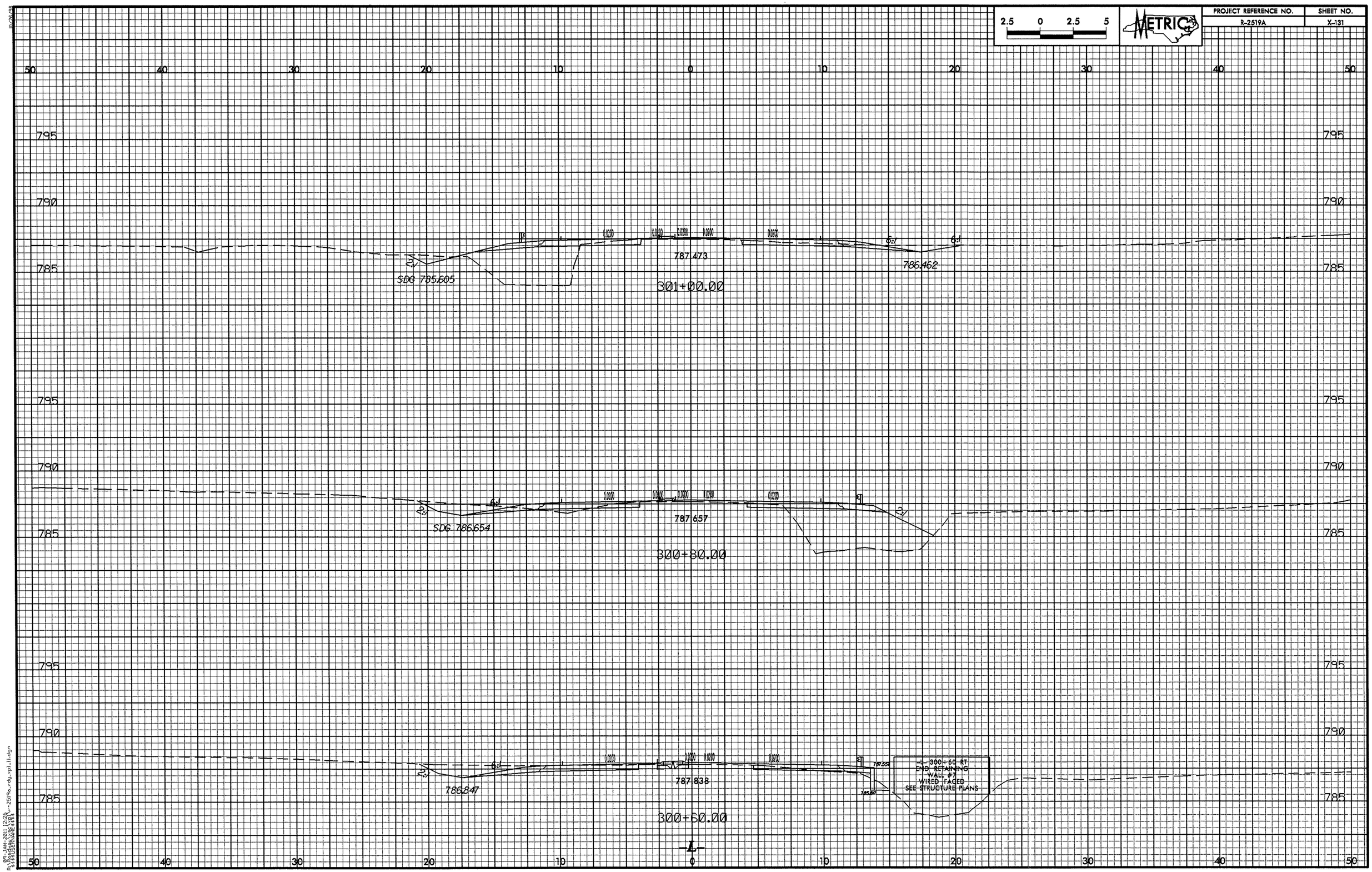


03-JAN-2011 15:38
R:\Roadway\Proj\r-2519a_rdy_pl11.dgn

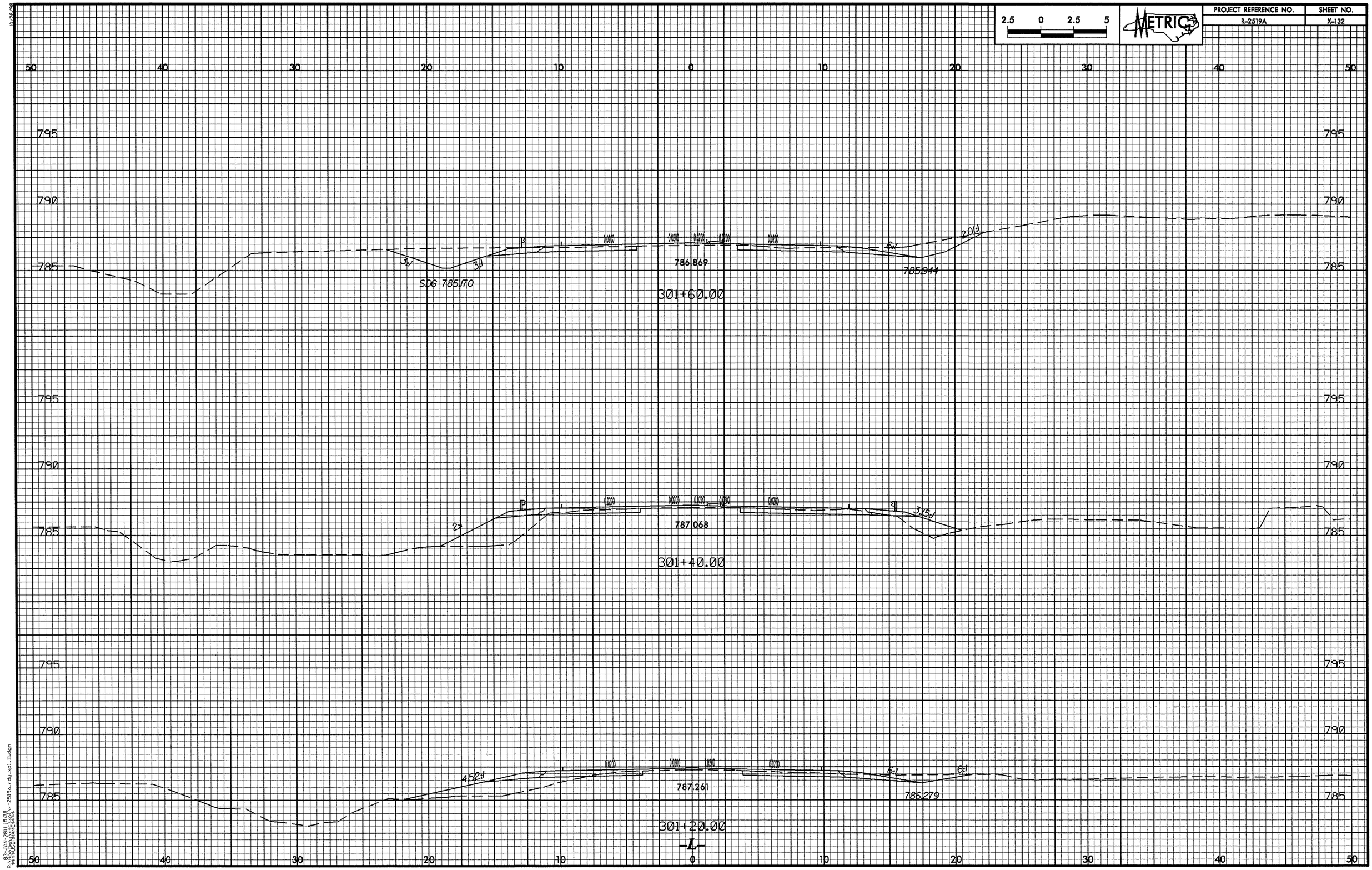

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-129
50 40 30 20 10 0 10 20 30 40 50
795
790
785
6:1
2:1
SDG 787.350
788.581
299+80.00
4:1
788.804
299+60.00
-L- 299+60 RT
BEGIN RETAINING
WALL #7
WIRED FACED
SEE STRUCTURE PLANS
789.023
299+40.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-130
50 40 30 20 10 0 10 20 30 40 50
795
790
785
787.039
788.030
300+40.00
SDG 787.232
788.177
300+20.00
SDG 787.290
788.361
300+00.00
-L-

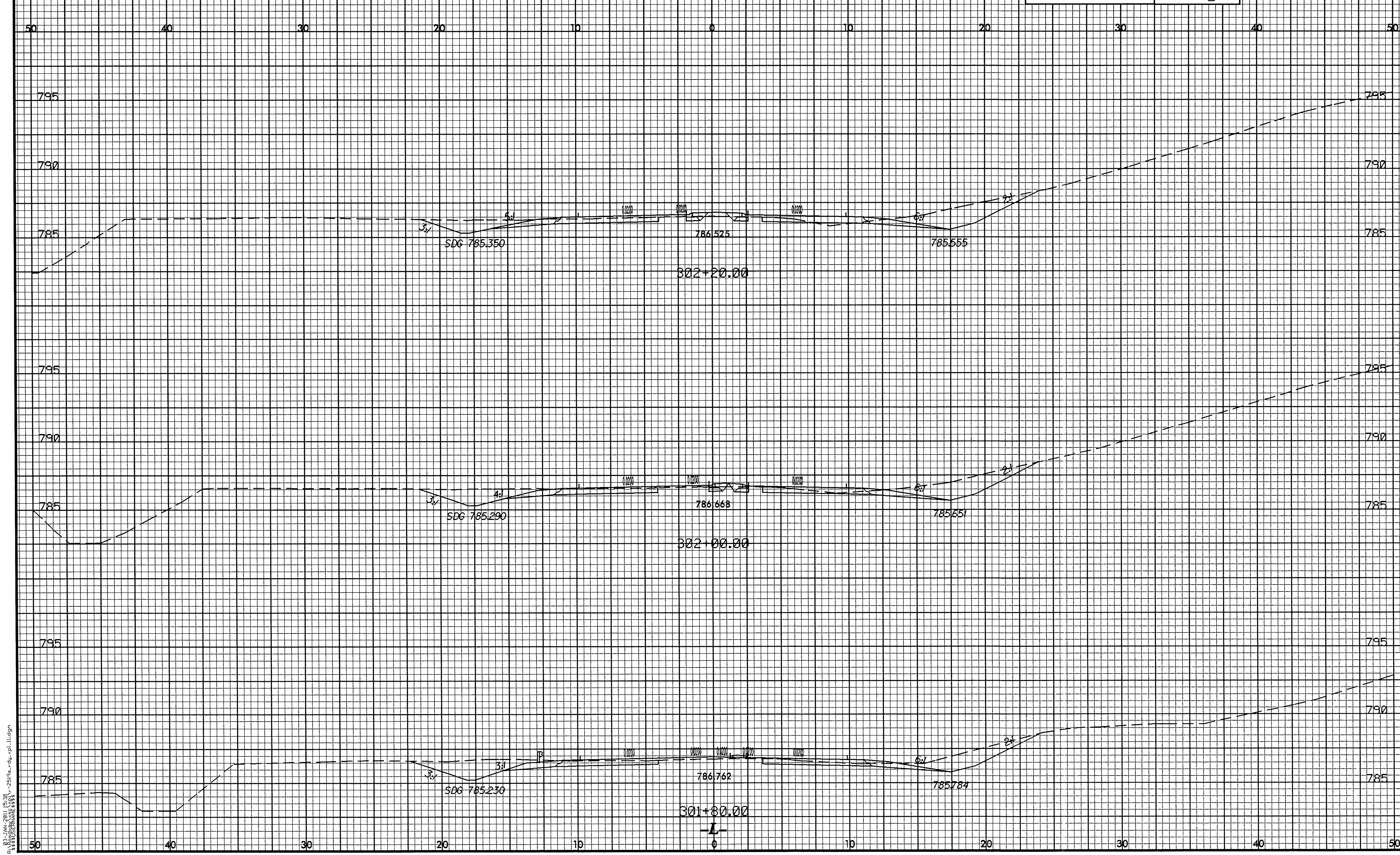


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-131
50 40 30 20 10 0 10 20 30 40 50
795
790
785
787.473
786.462
SDG 785.605
301+00.00
787.657
SDG 786.654
300+80.00
787.838
786.847
300+60.00
-L- 300+60 RT
END RETAINING
WALL #7
WIRED FACED
SEE STRUCTURE PLANS
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-132
50 40 30 20 10 0 10 20 30 40 50
795
790
785
3:1
3:1
SDG 785.170
786.869
6:1
2.01:1
785.944
301+60.00
2:1
787.068
3.15:1
301+40.00
4.52:1
787.261
6:1
6:1
786.279
301+20.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-133



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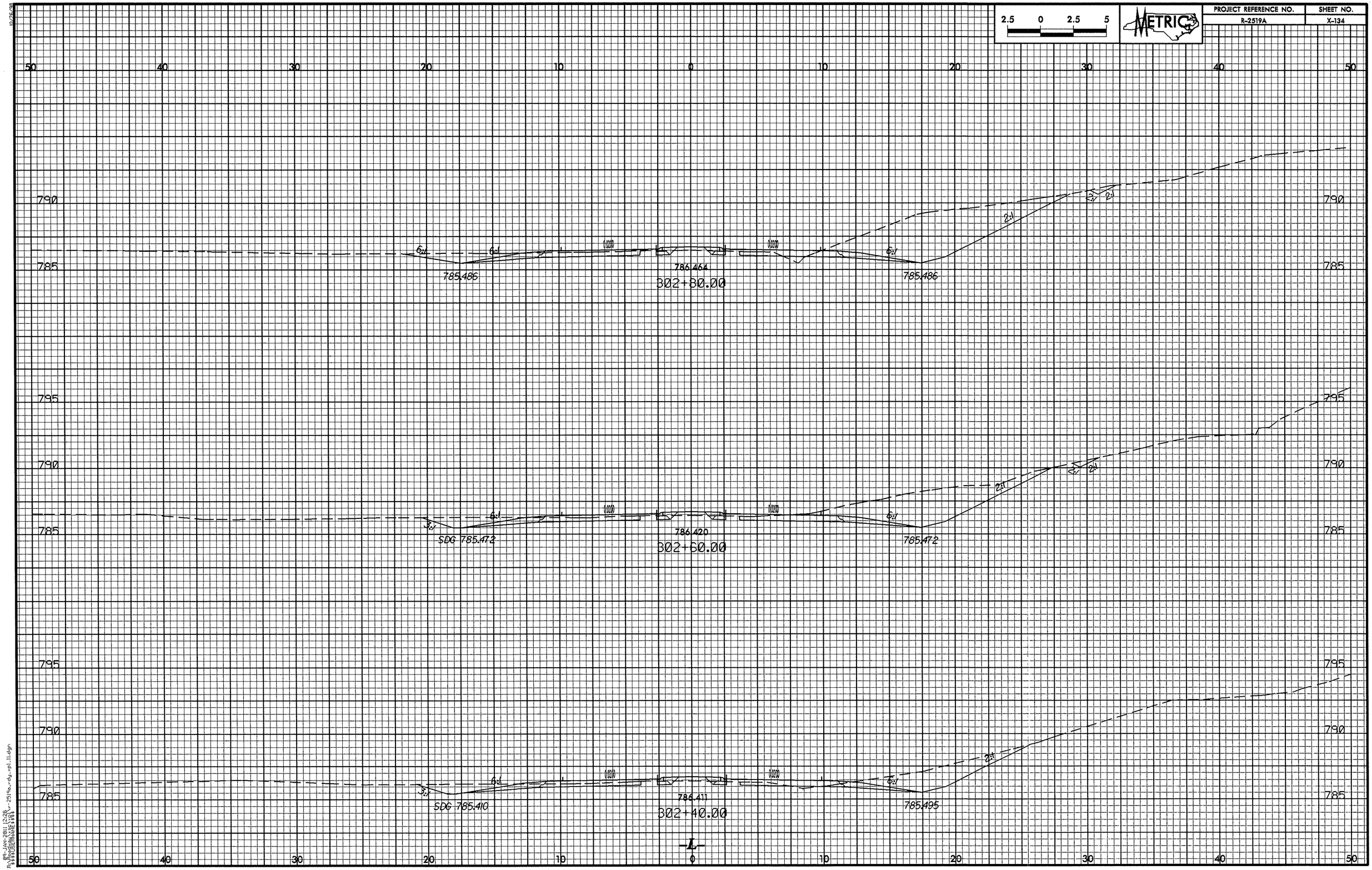
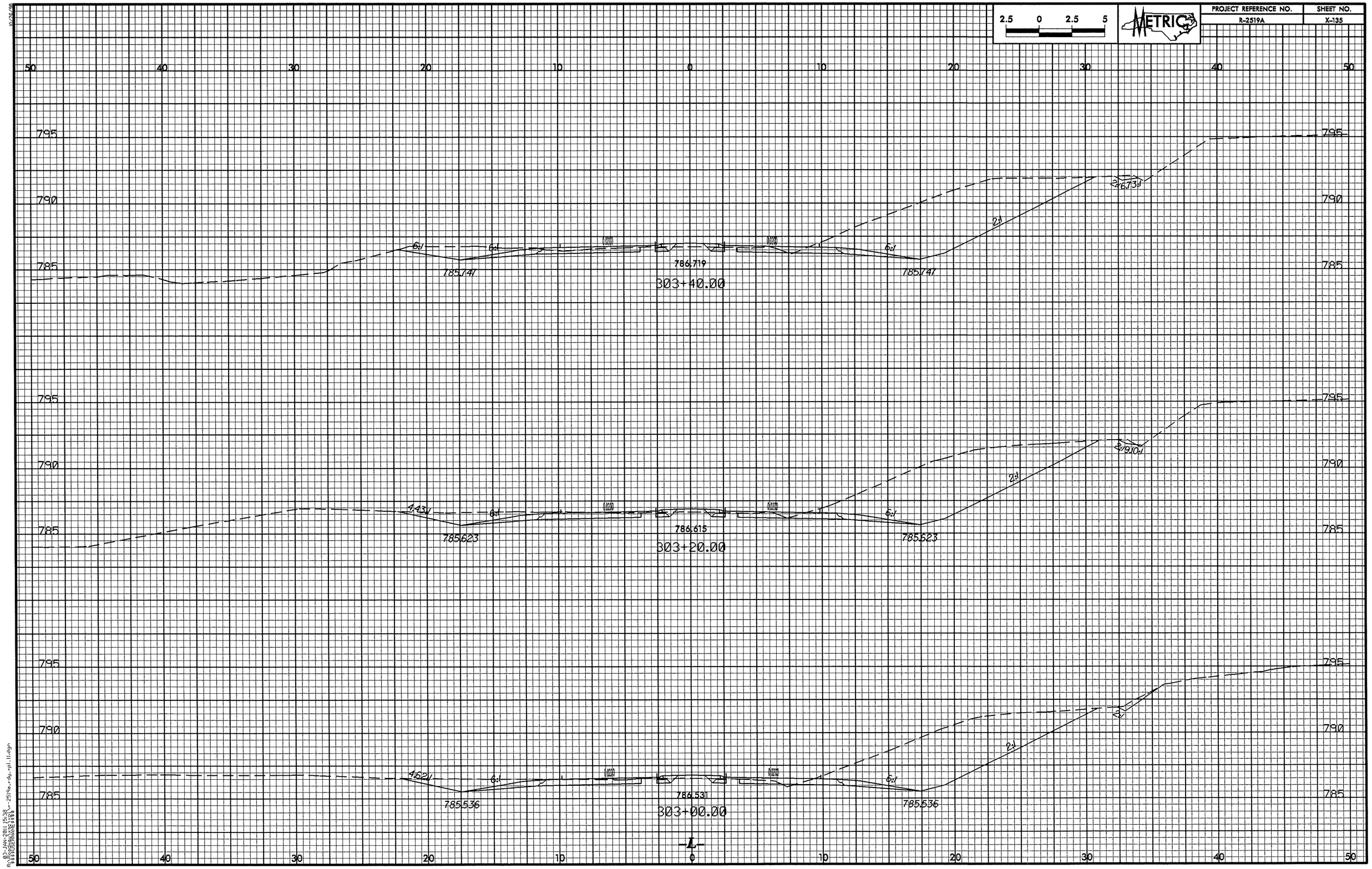
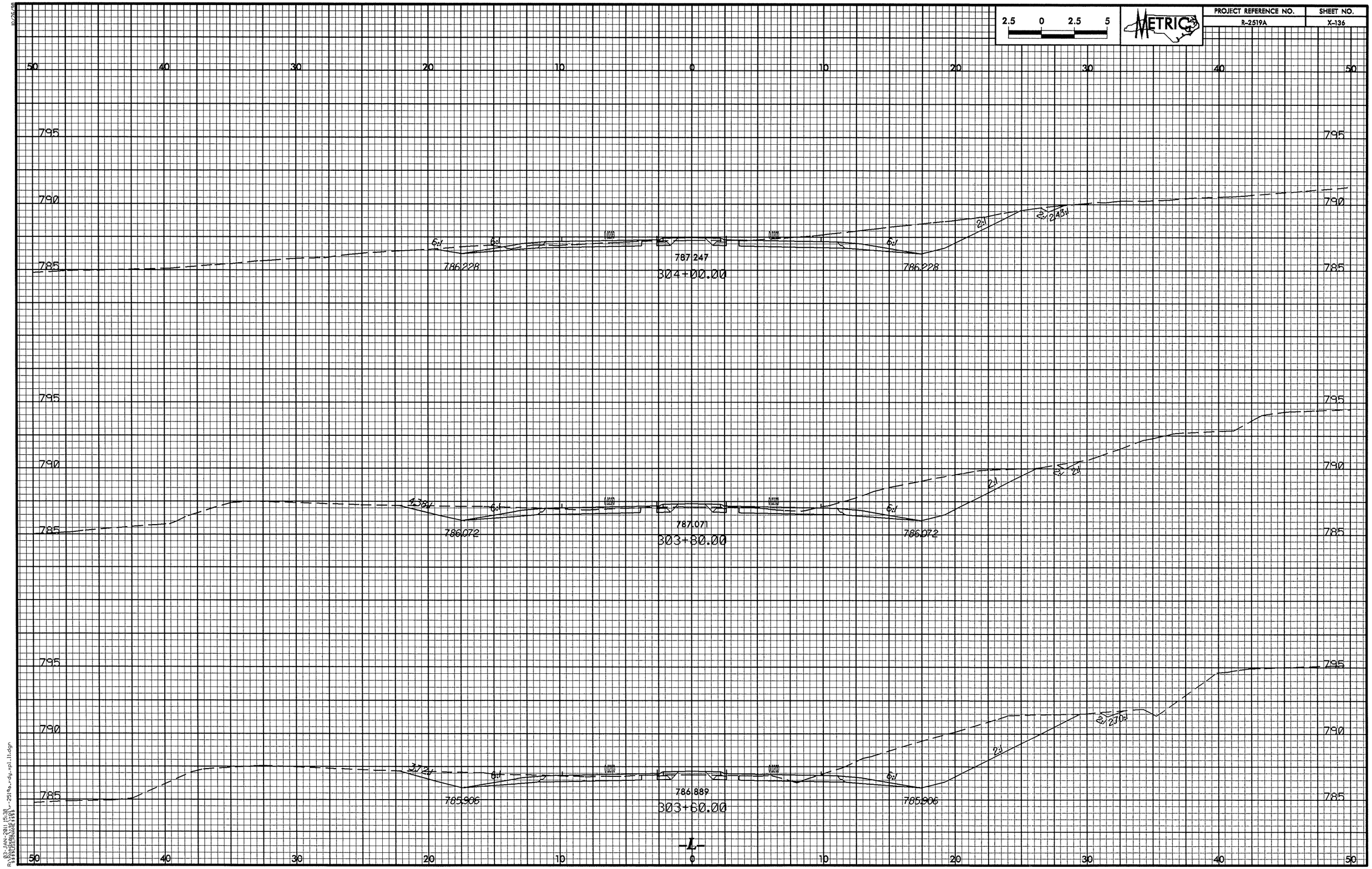


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-134
50 40 30 20 10 0 10 20 30 40 50
790
785
795
6:1
2:1
3:1
785.486
786.464
302+80.00
SDG 785.472
786.420
302+60.00
SDG 785.410
786.411
302+40.00
785.495
-L-

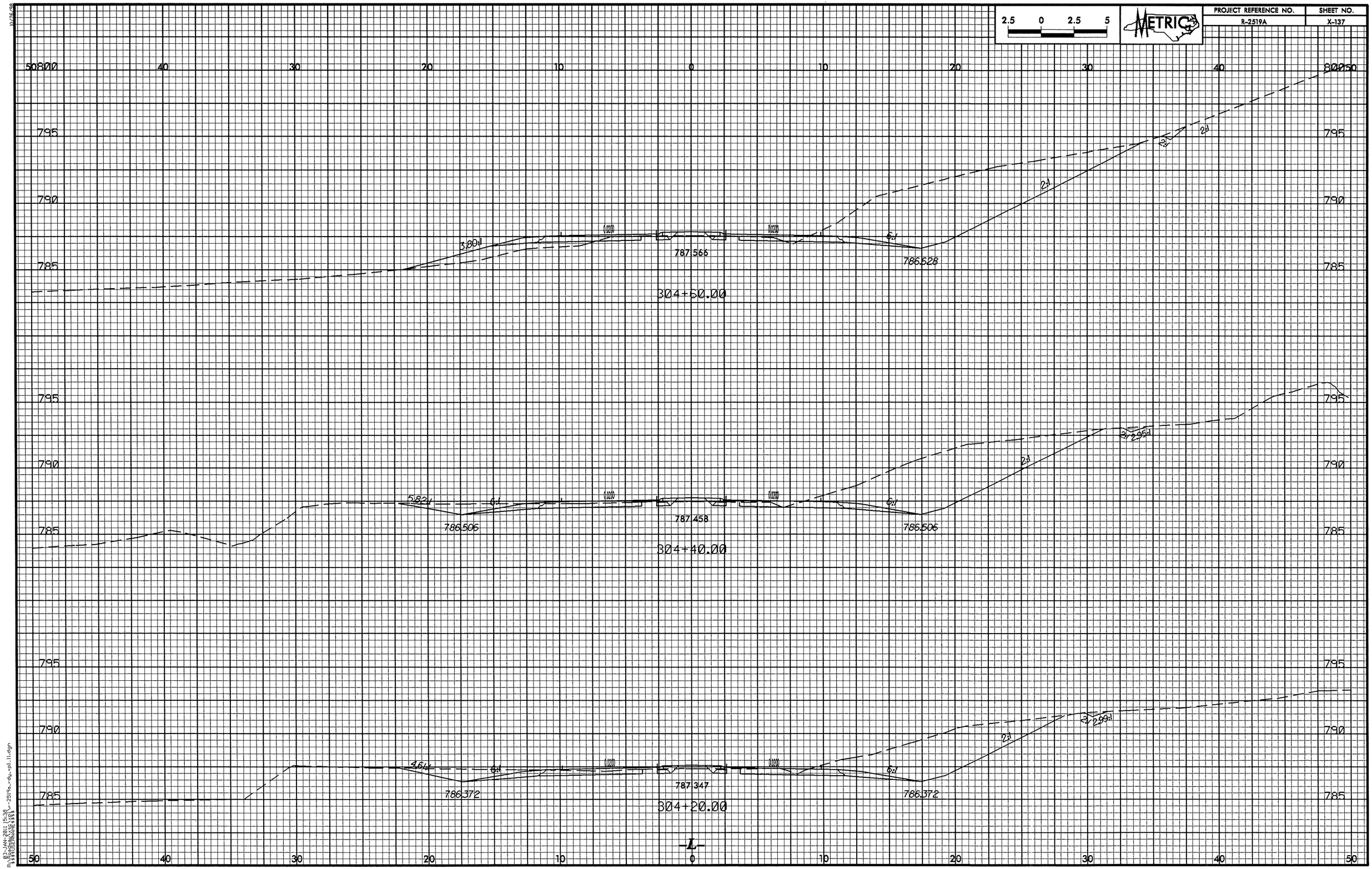


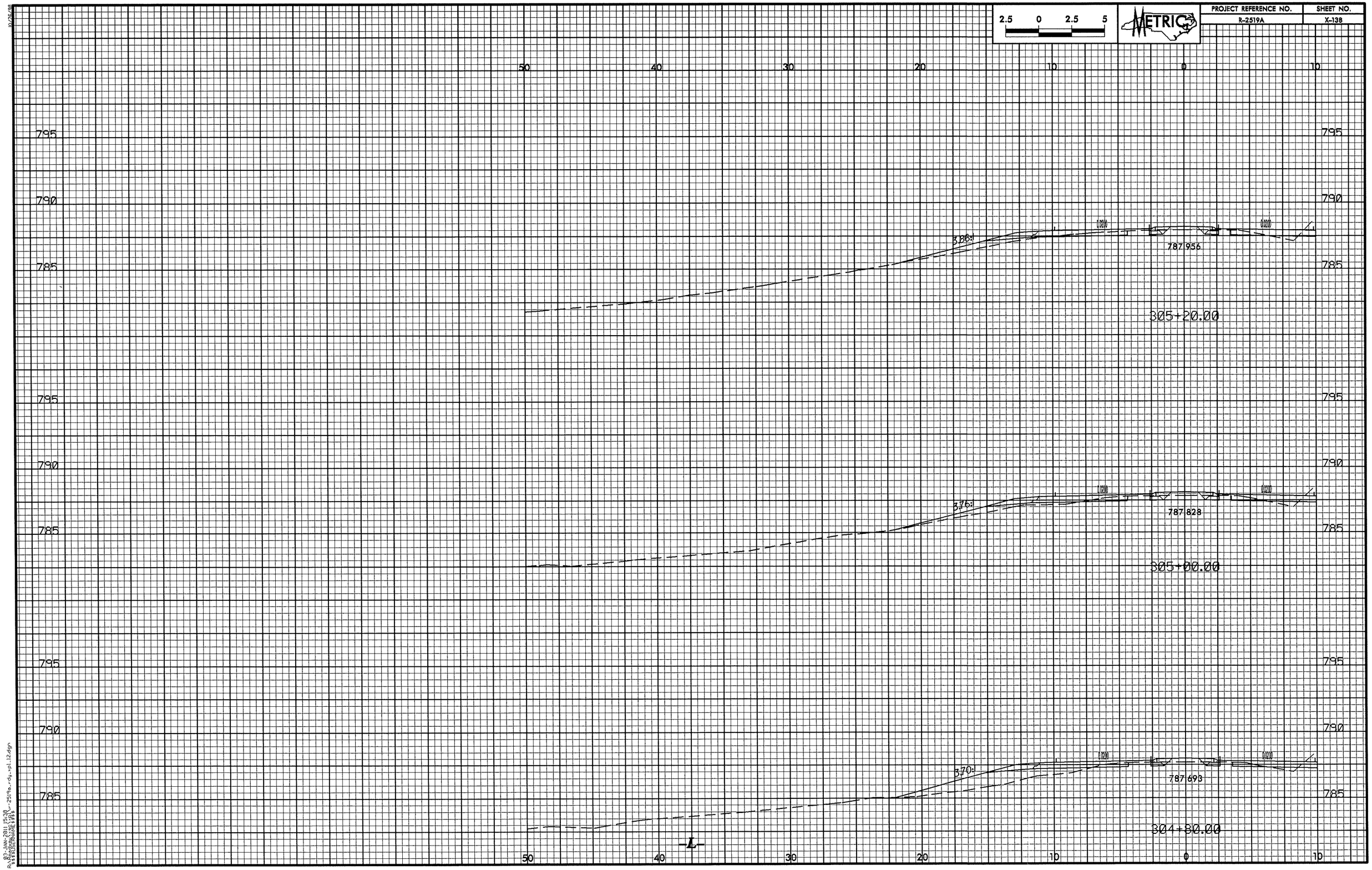
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-135
50 40 30 20 10 0 10 20 30 40 50
795
790
785
6:1
2:1
2:1 6.73:1
785.741
786.719
303+40.00
4.43:1
785.623
786.615
303+20.00
2:1 9.10:1
4.62:1
785.536
786.531
303+00.00
-L-



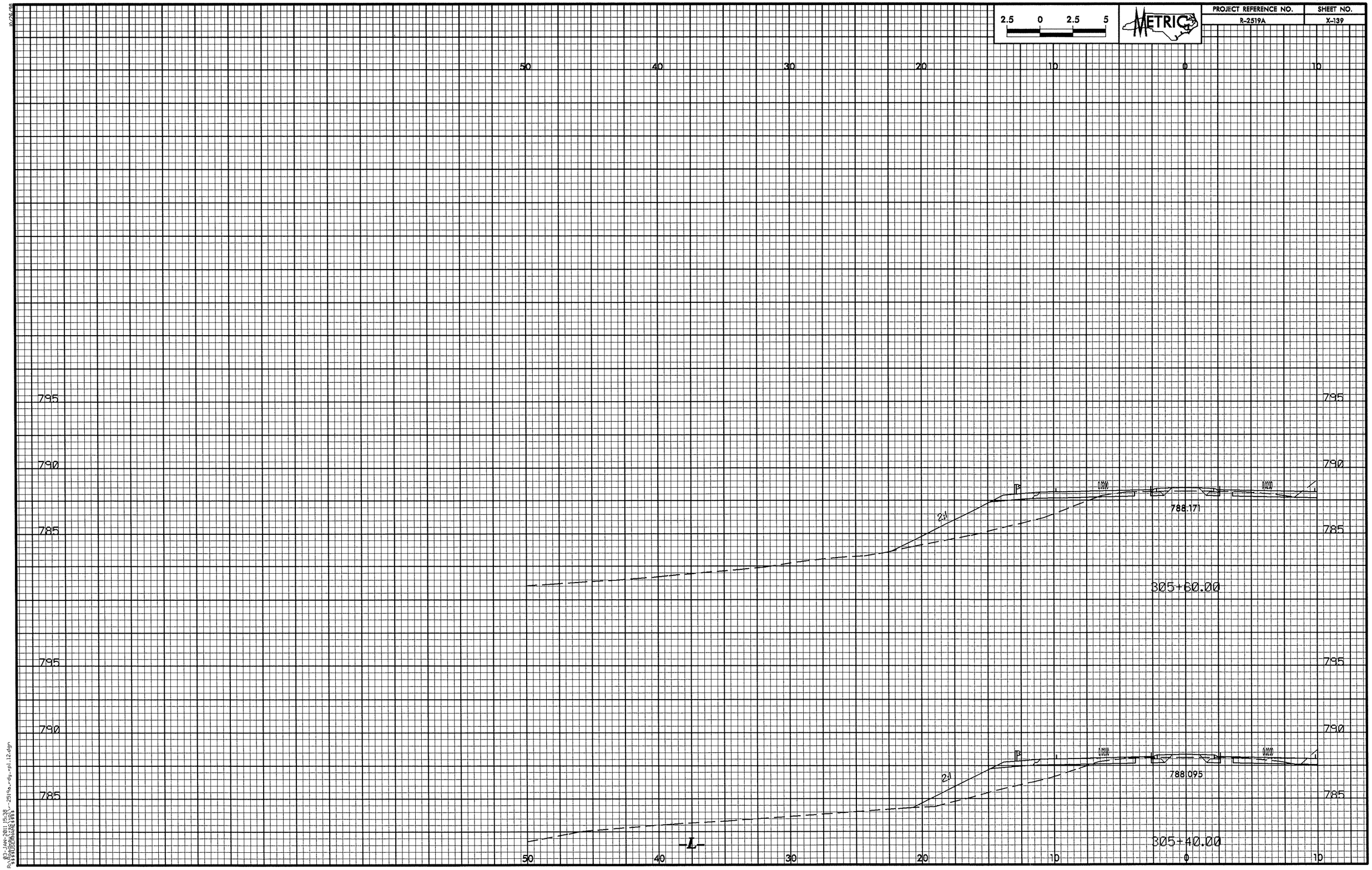
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-136
50 40 30 20 10 0 10 20 30 40 50
795
790
785
6:1
2:1
2:1 243:1
787.247
786.228
304+00.00
4.38:1
787.071
786.072
303+80.00
3.72:1
2:1 270:1
786.889
785.906
303+60.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-137

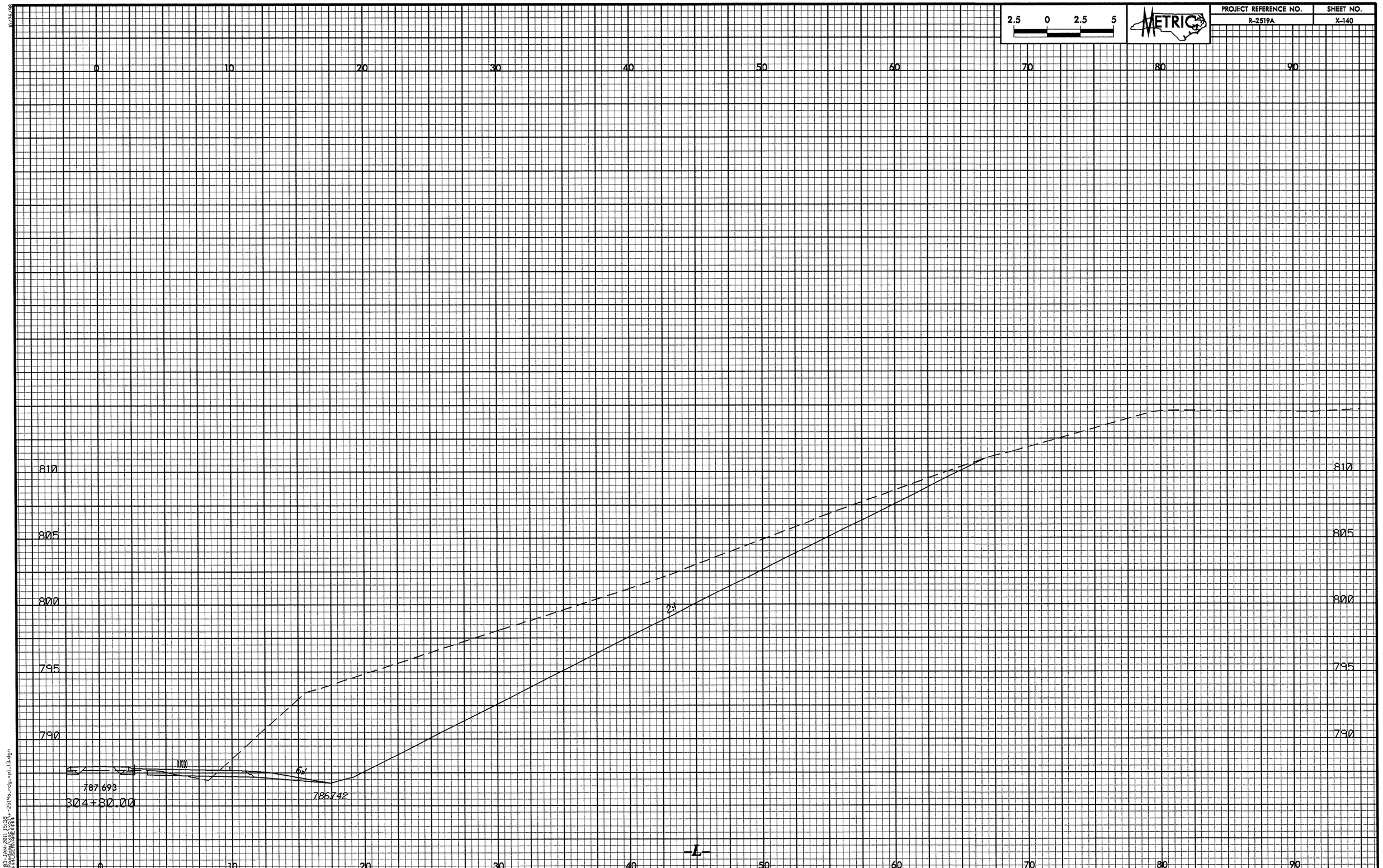


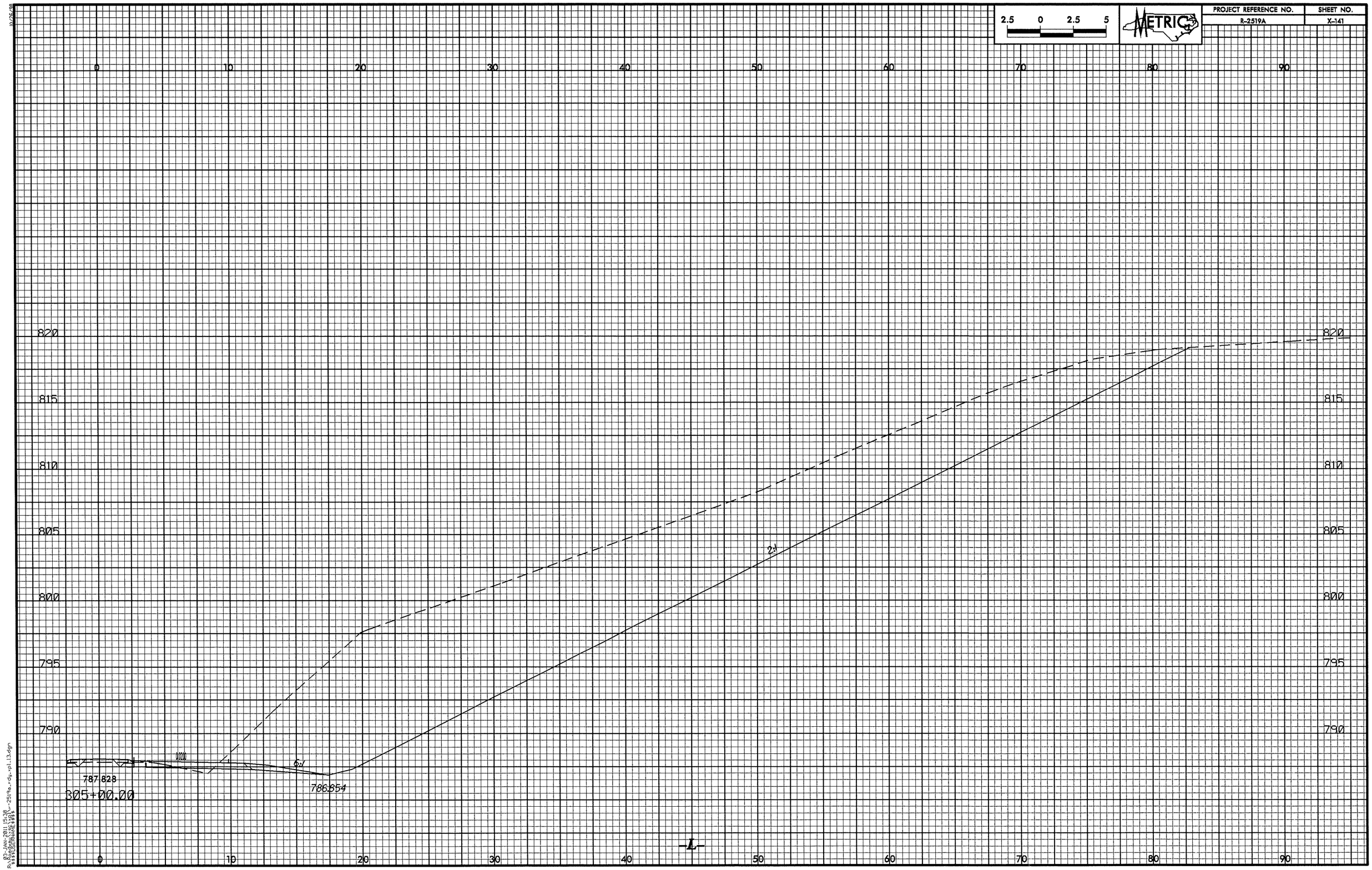


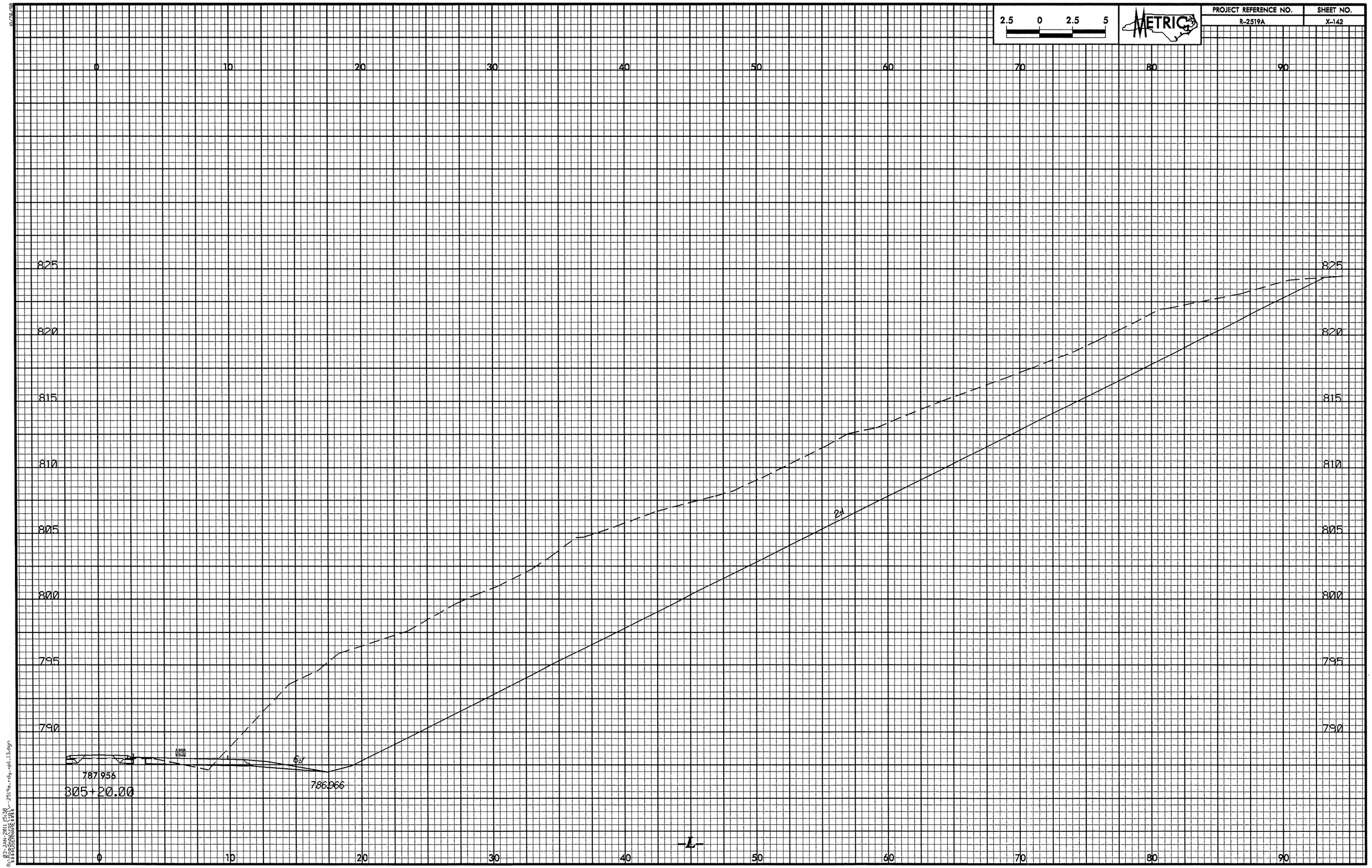
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-138
50 40 30 20 10 0 10
795
790
785
3.86:1
787.956
305+20.00
3.76:1
787.828
305+00.00
3.70:1
787.693
304+80.00
-L-

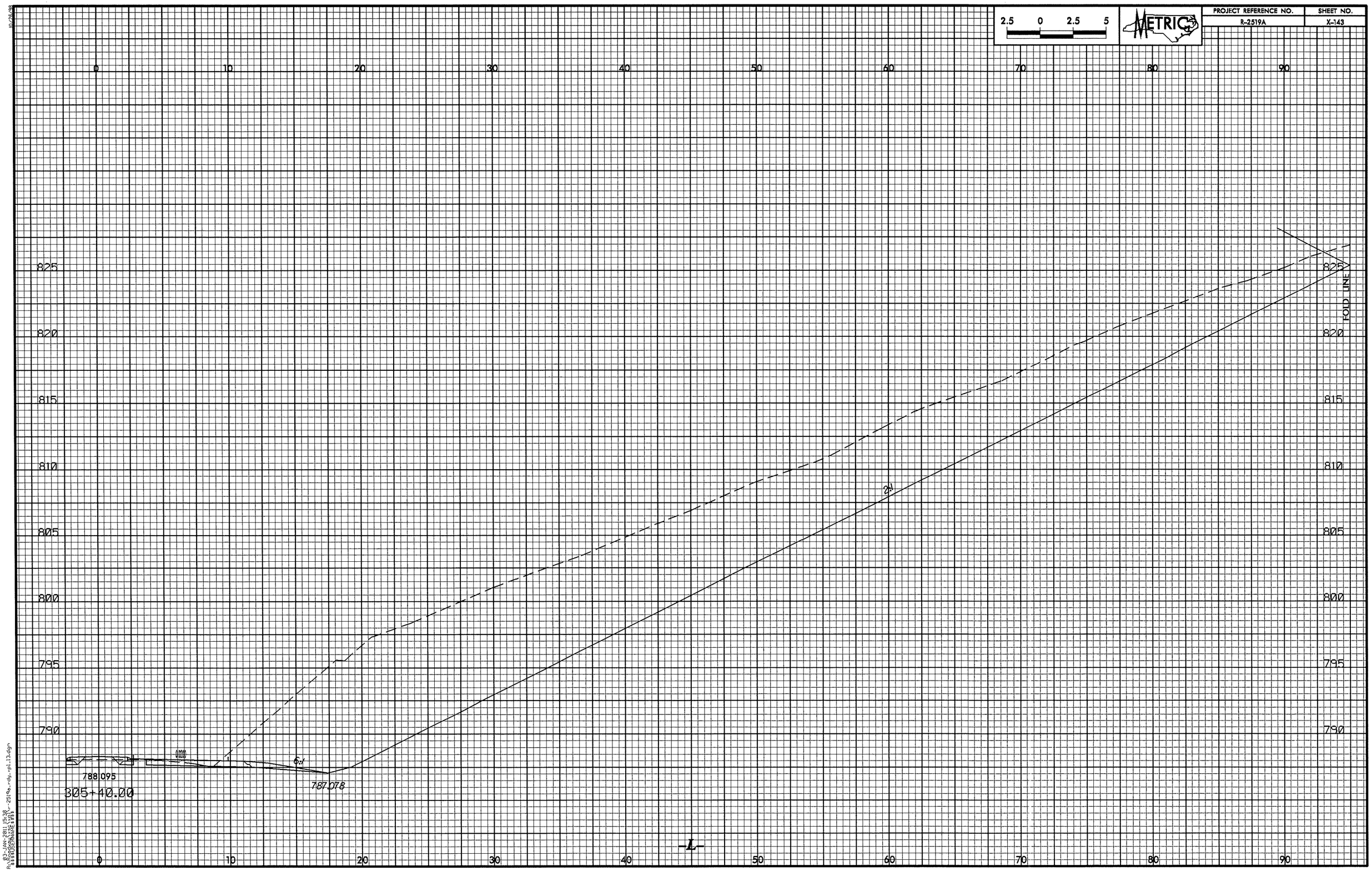


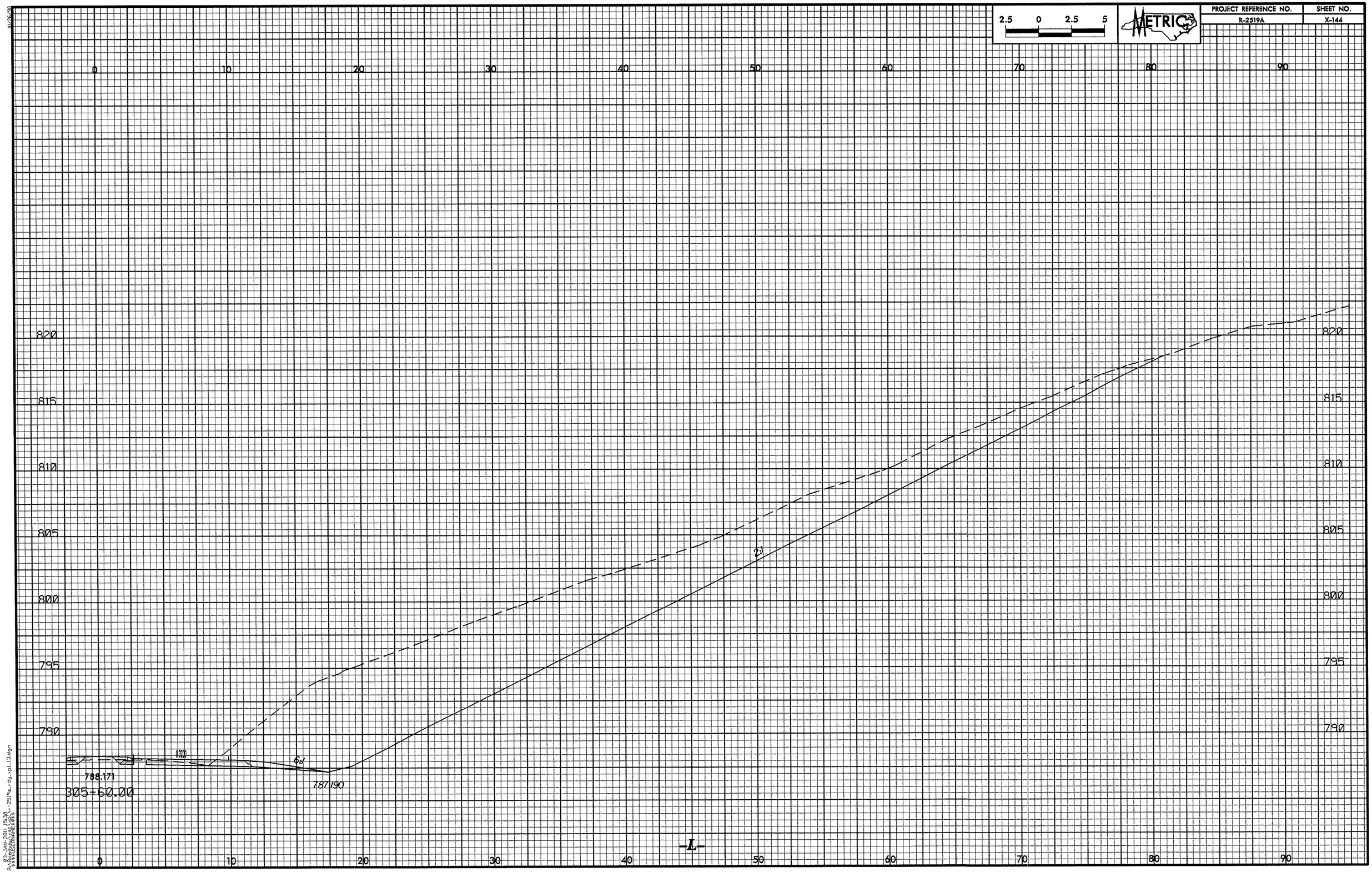
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-139
50
40
30
20
10
0
10
795
790
785
2:1
788.171
305+60.00
788.095
305+40.00
-L-


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-140
0
10
20
30
40
50
60
70
80
90
810
805
800
795
790
2:1
787.693
304+80.00
786.742
-L-

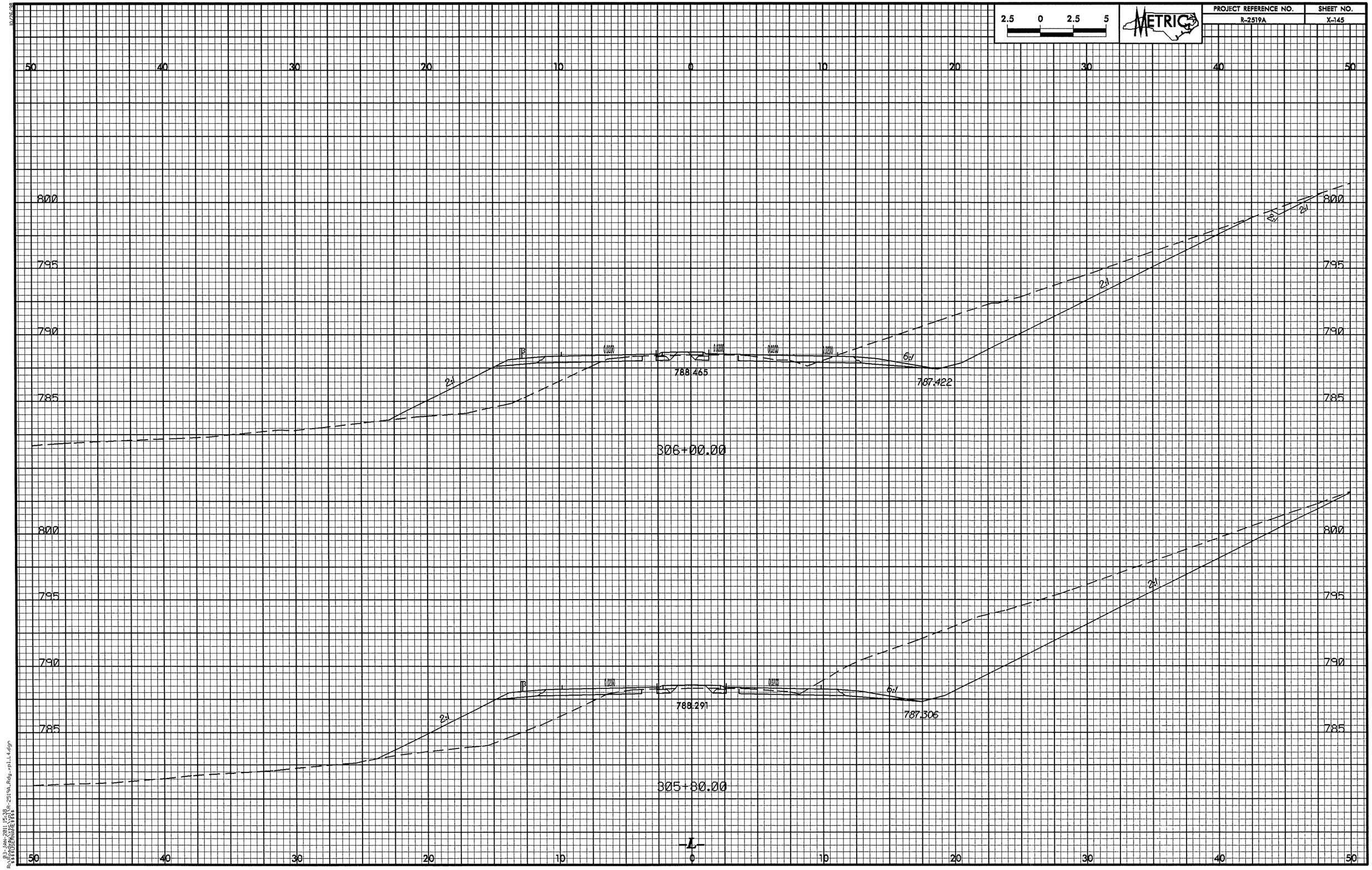

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-141
0
10
20
30
40
50
60
70
80
90
820
815
810
805
800
795
790
2:1
6:1
787.828
305+00.00
786.854
-L-


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-142
0
10
20
30
40
50
60
70
80
90
825
820
815
810
805
800
795
790
2:1
6:1
787.956
786.966
305+20.00
-L-

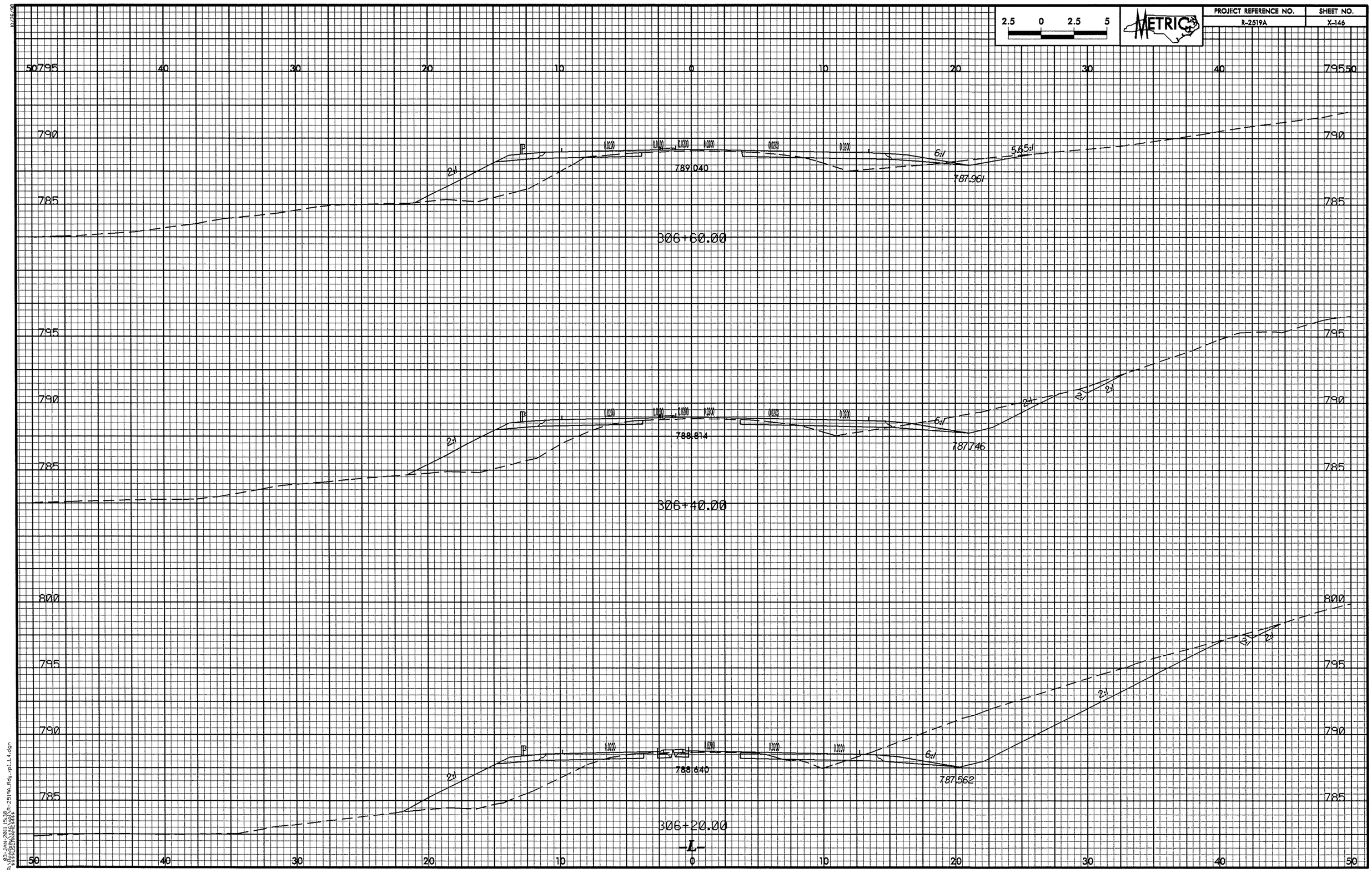

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-143
0
10
20
30
40
50
60
70
80
90
825
820
815
810
805
800
795
790
FOLD LINE
2:1
6:1
788.095
305+40.00
787.078
-L-



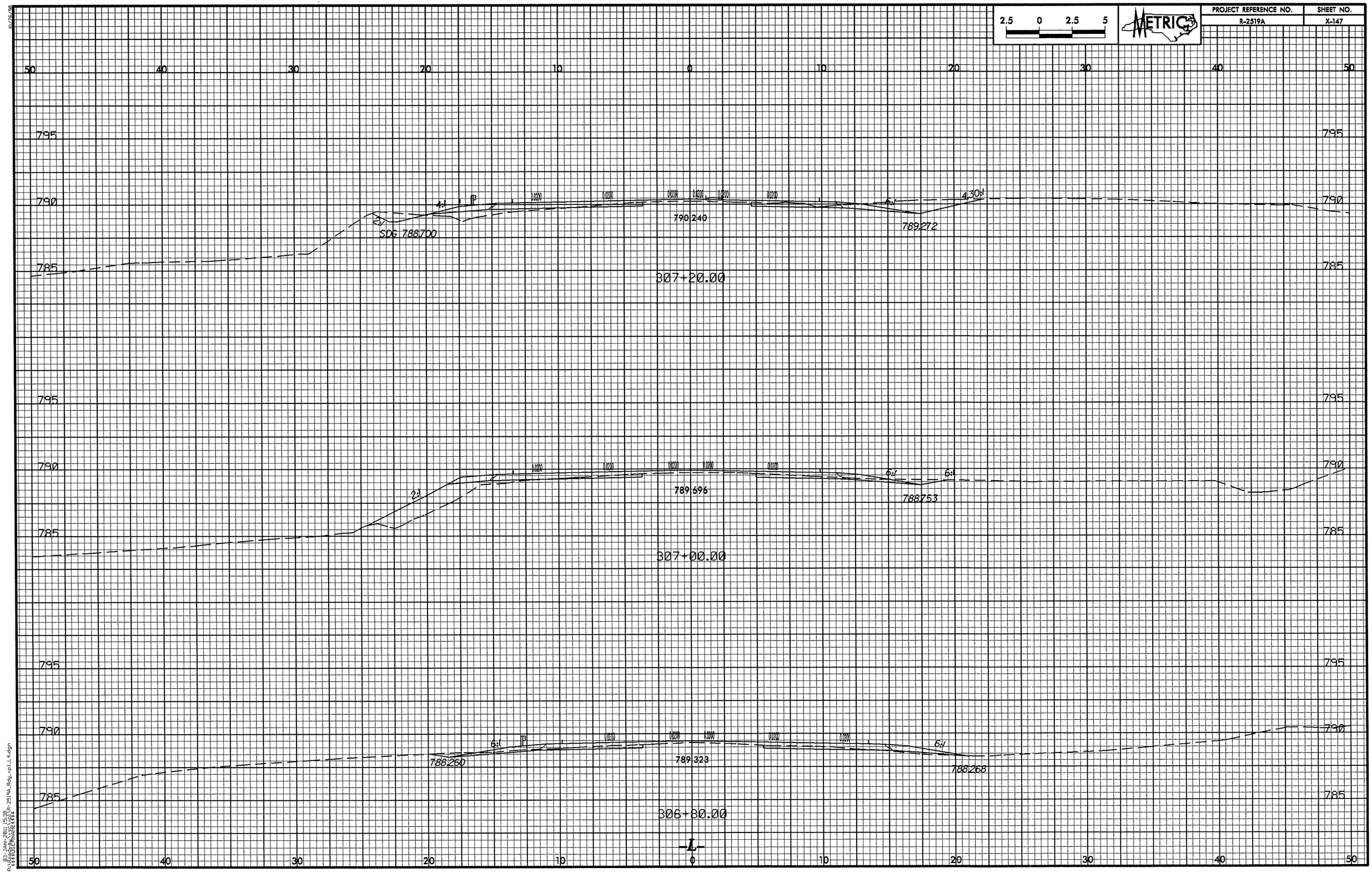
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-144
0
10
20
30
40
50
60
70
80
90
820
815
810
805
800
795
790
2:1
6:1
788.171
305+60.00
787.190
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-145
50 40 30 20 10 0 10 20 30 40 50
800
795
790
785
2:1
6:1
788.465
787.422
306+00.00
788.291
787.306
305+80.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-146
50 795
40
30
20
10
0
10
20
30
40
795 50
790
785
2:1
789.040
6:1
5.65:1
787.961
306+60.00
795
790
785
2:1
788.814
6:1
787.746
2:1
2:1
2:1
306+40.00
800
795
790
785
2:1
788.640
6:1
787.562
2:1
2:1
2:1
306+20.00
-L-
50
40
30
20
10
0
10
20
30
40
50



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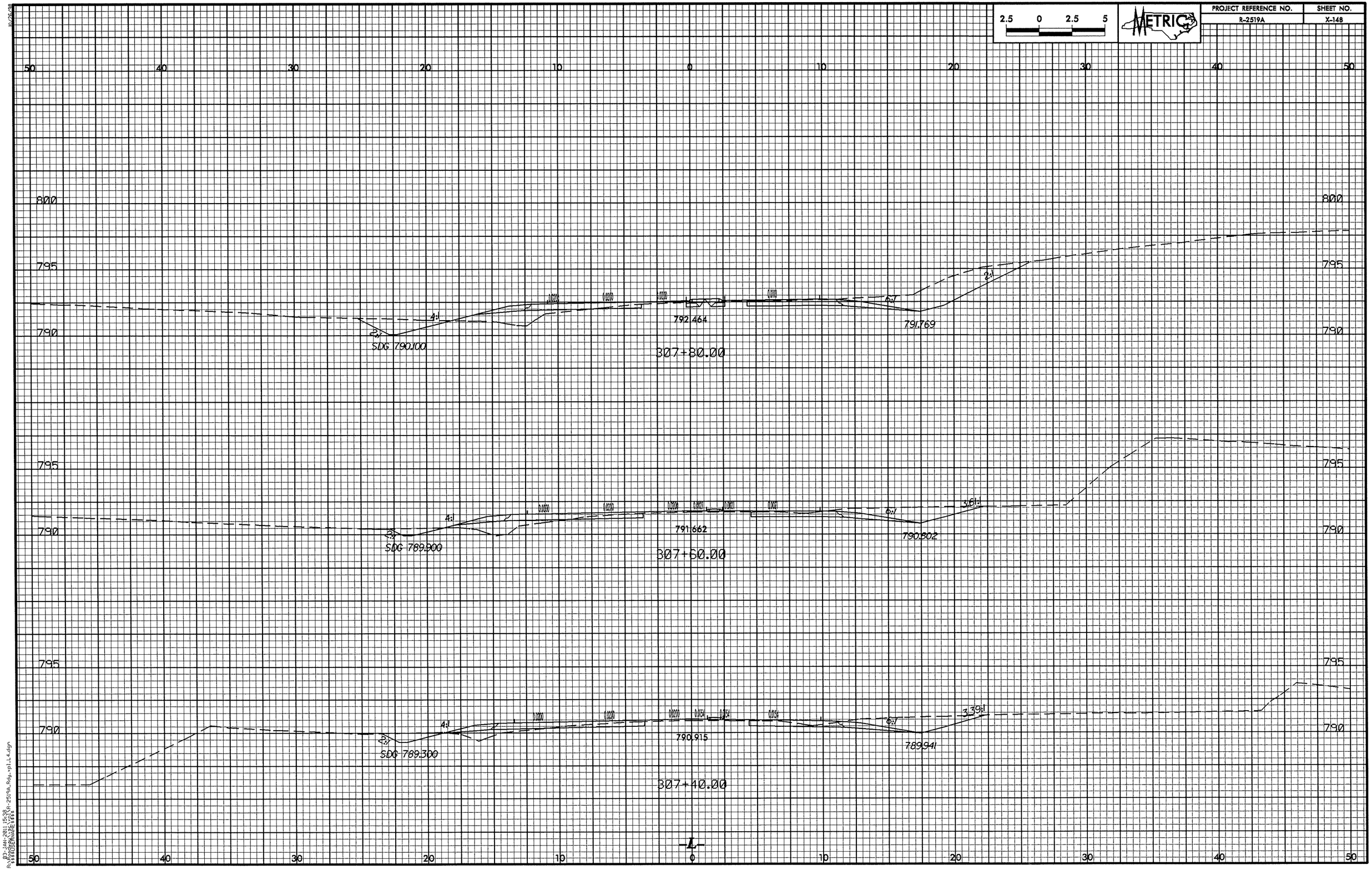
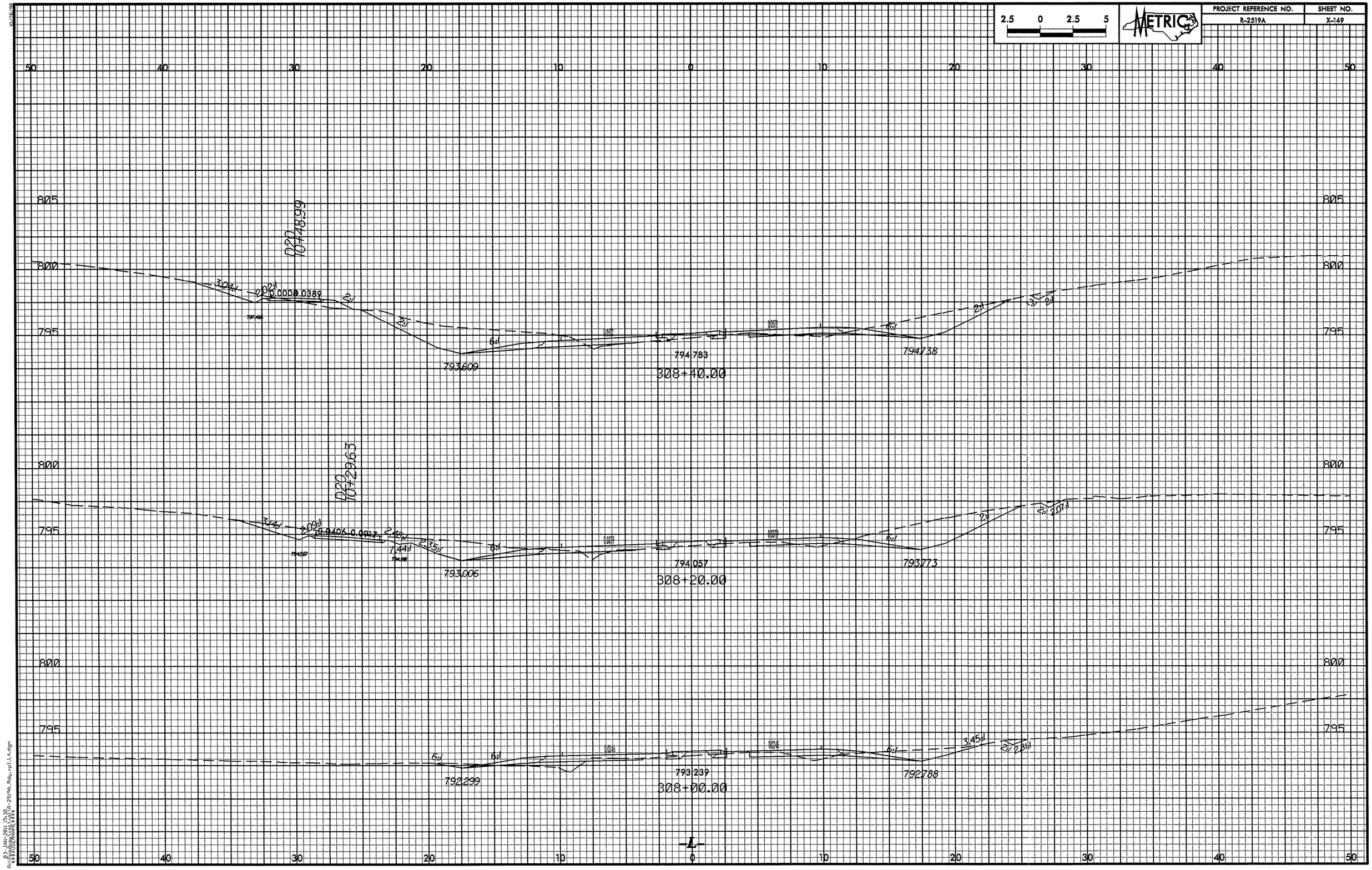
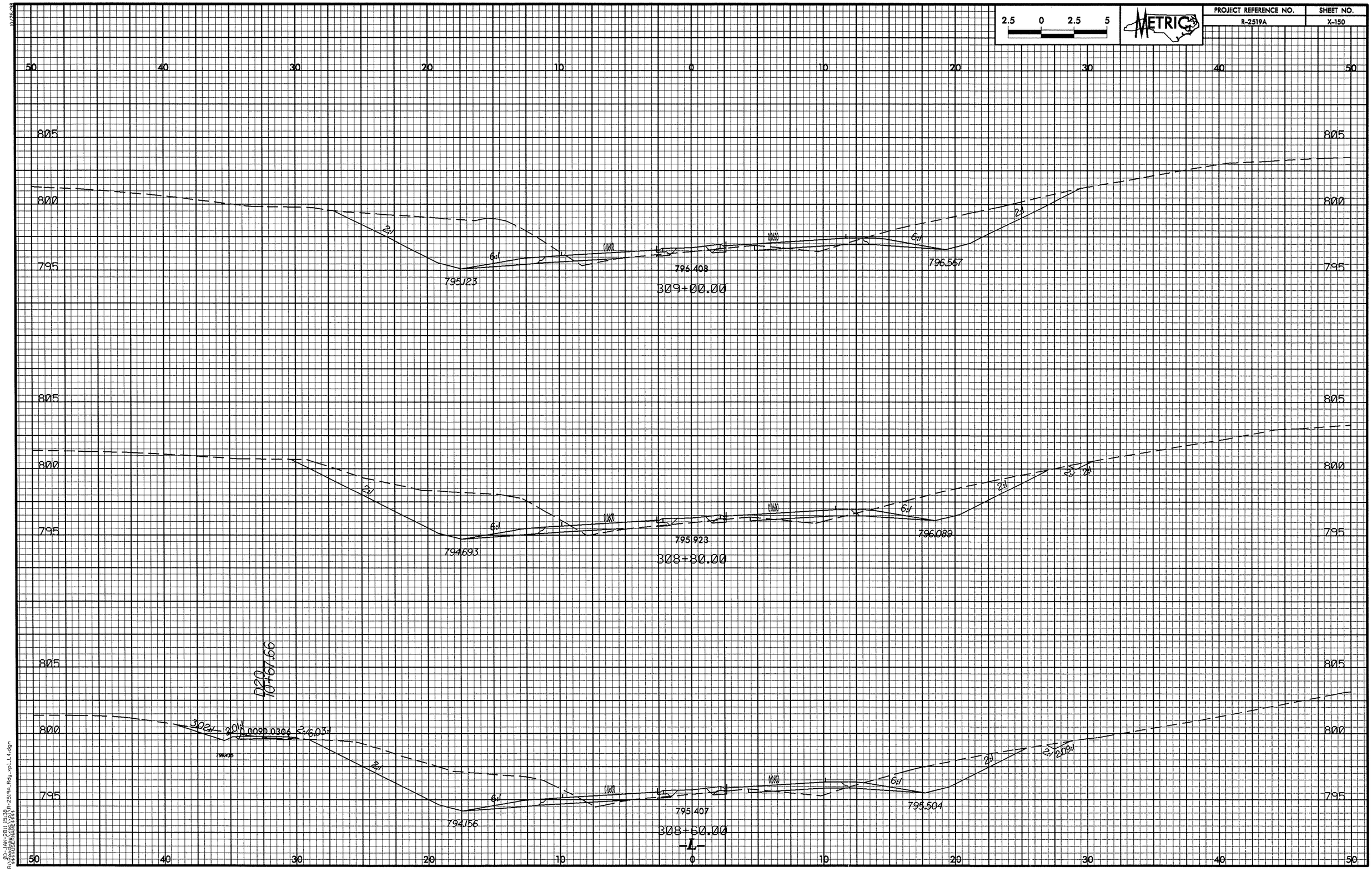


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-148
50 40 30 20 10 0 10 20 30 40 50
800
795
790
SDG 790.100
4:1
2:1
792.464
6:1
2:1
791.769
307+80.00
SDG 789.900
4:1
2:1
791.662
6:1
3.61:1
790.802
307+60.00
SDG 789.300
4:1
2:1
790.915
6:1
3.39:1
789.941
307+40.00
-L-

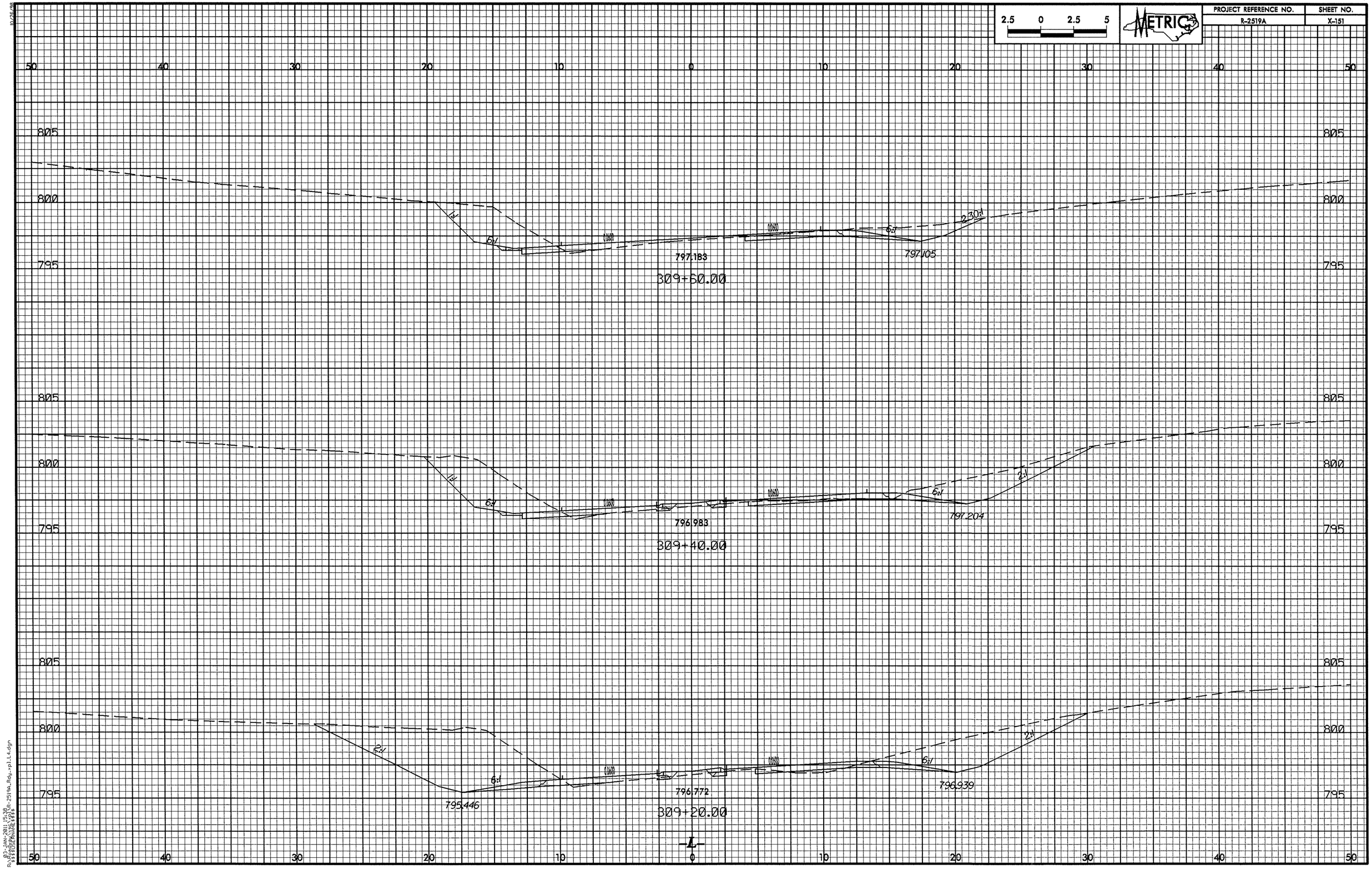


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-149
D20
10+48.99
3.04:1
2.02:1
0.0008 0.0389
2:1
6:1
793.609
794.783
308+40.00
794.738
D20
10+29.63
3.14:1
2.09:1
0.0406 0.0917
2.48:1
2.35:1
7.44:1
793.006
794.057
308+20.00
793.773
2.07:1
792.299
793.239
308+00.00
792.788
3.45:1
2.81:1
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-150



PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-151



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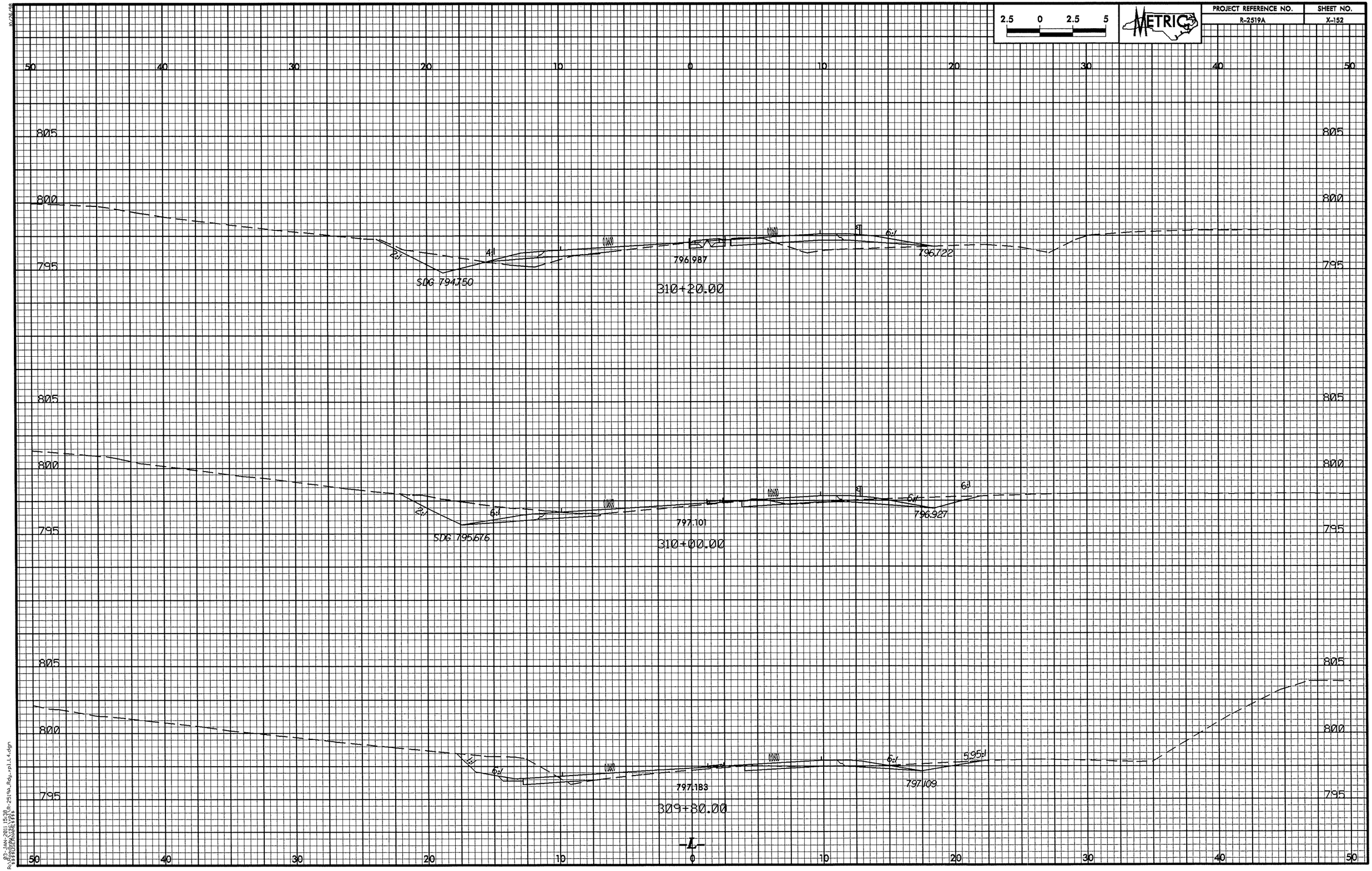
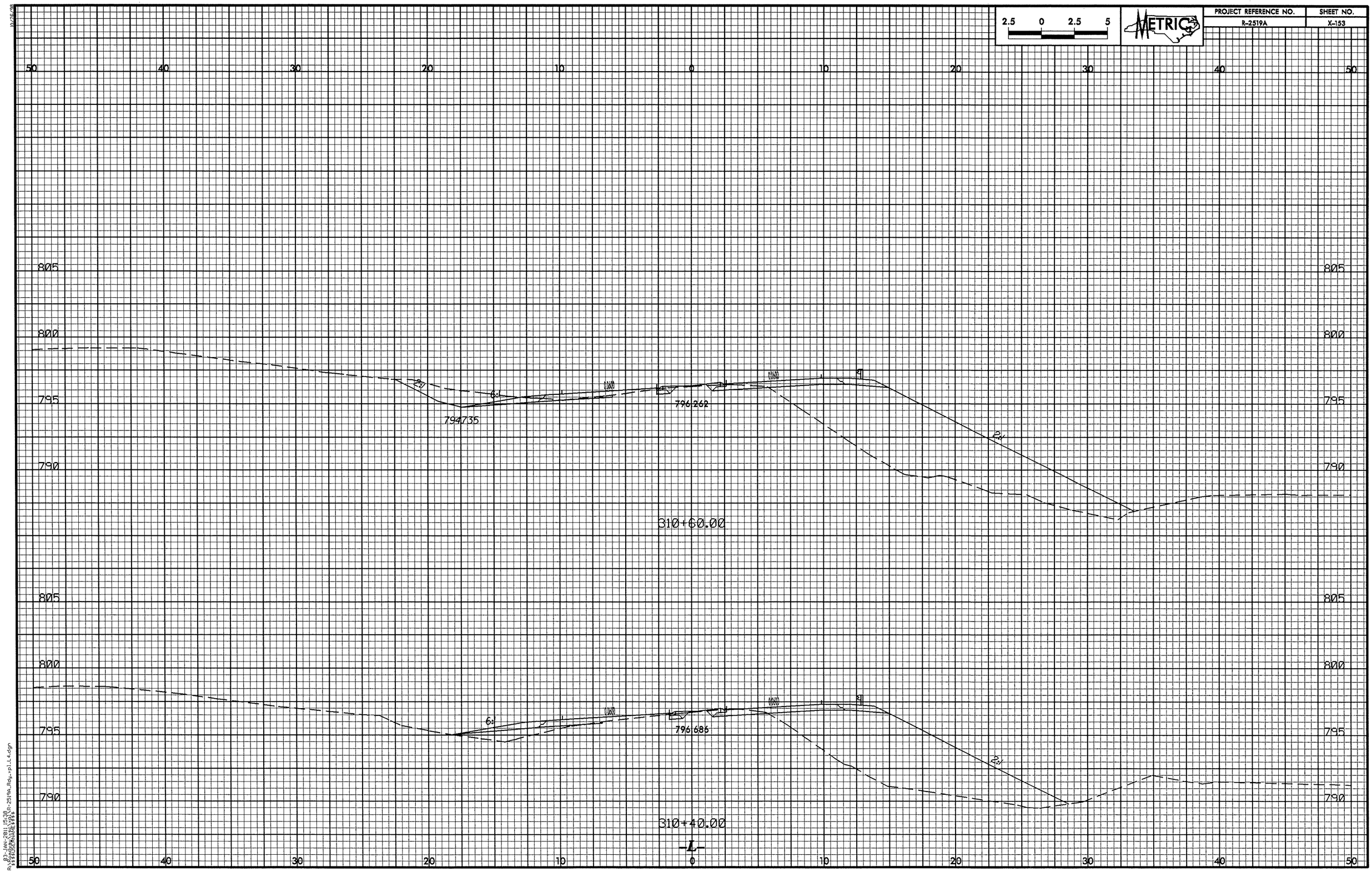
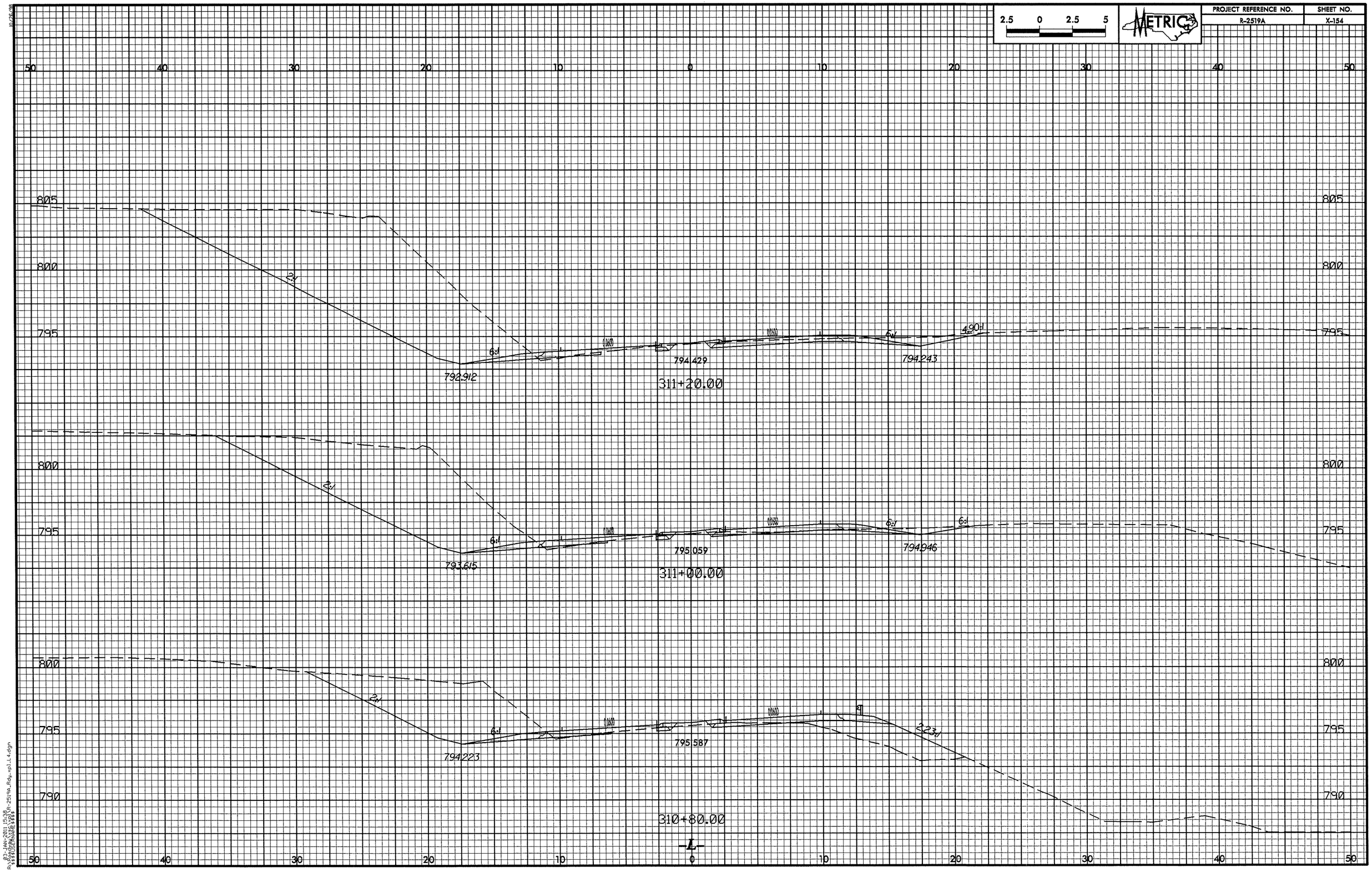
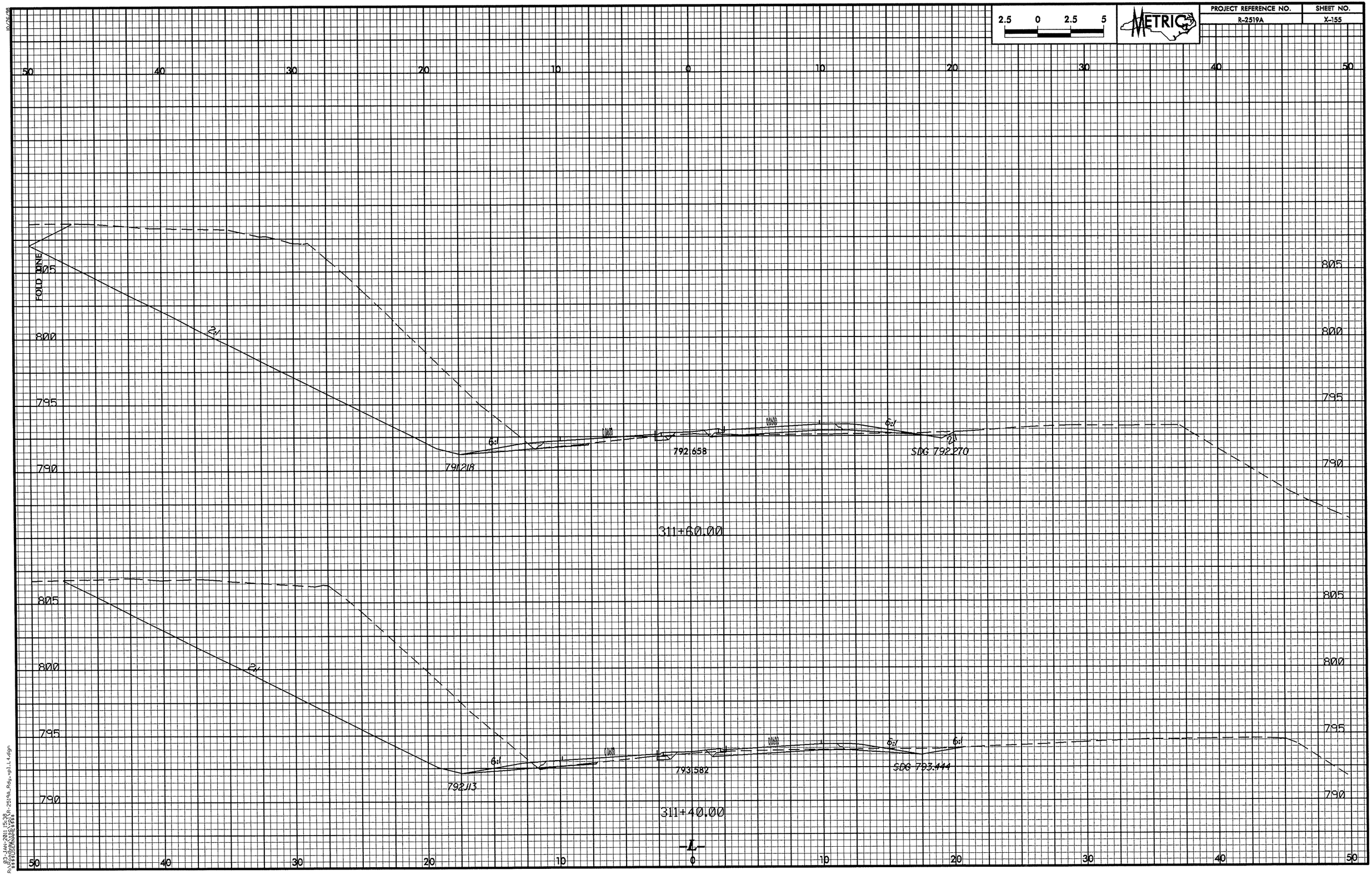


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-152
50 40 30 20 10 0 10 20 30 40 50
805
800
795
2:1
4:1
6:1
SDG 794.750
796.987
796.722
310+20.00
SDG 795.676
797.101
796.927
310+00.00
1:1
5.95:1
797.183
797.109
309+80.00
-L-

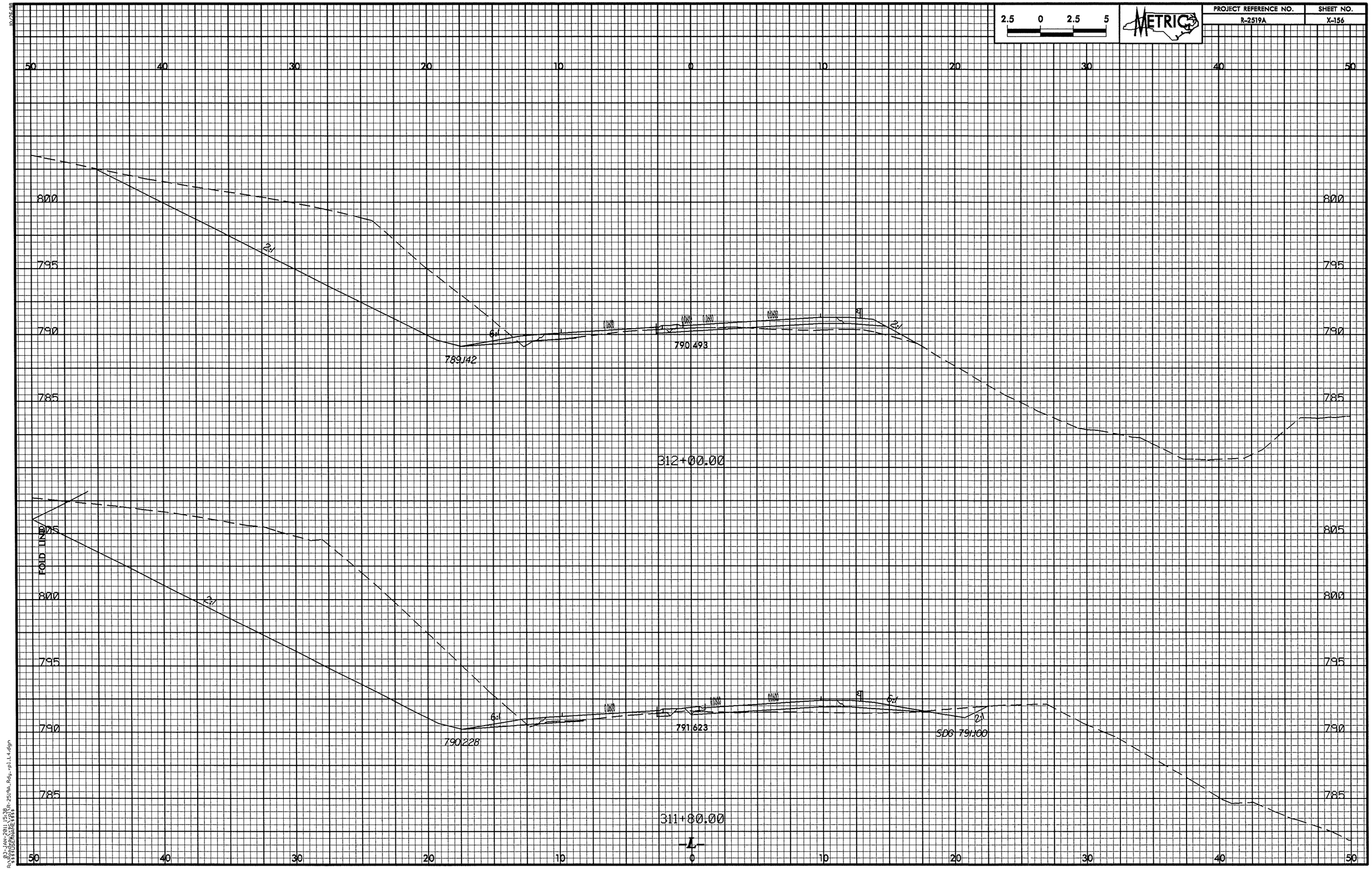

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-153
50 40 30 20 10 0 10 20 30 40 50
805
800
795
790
6:1
2:1
794.735
796.262
310+60.00
796.686
310+40.00
-L-

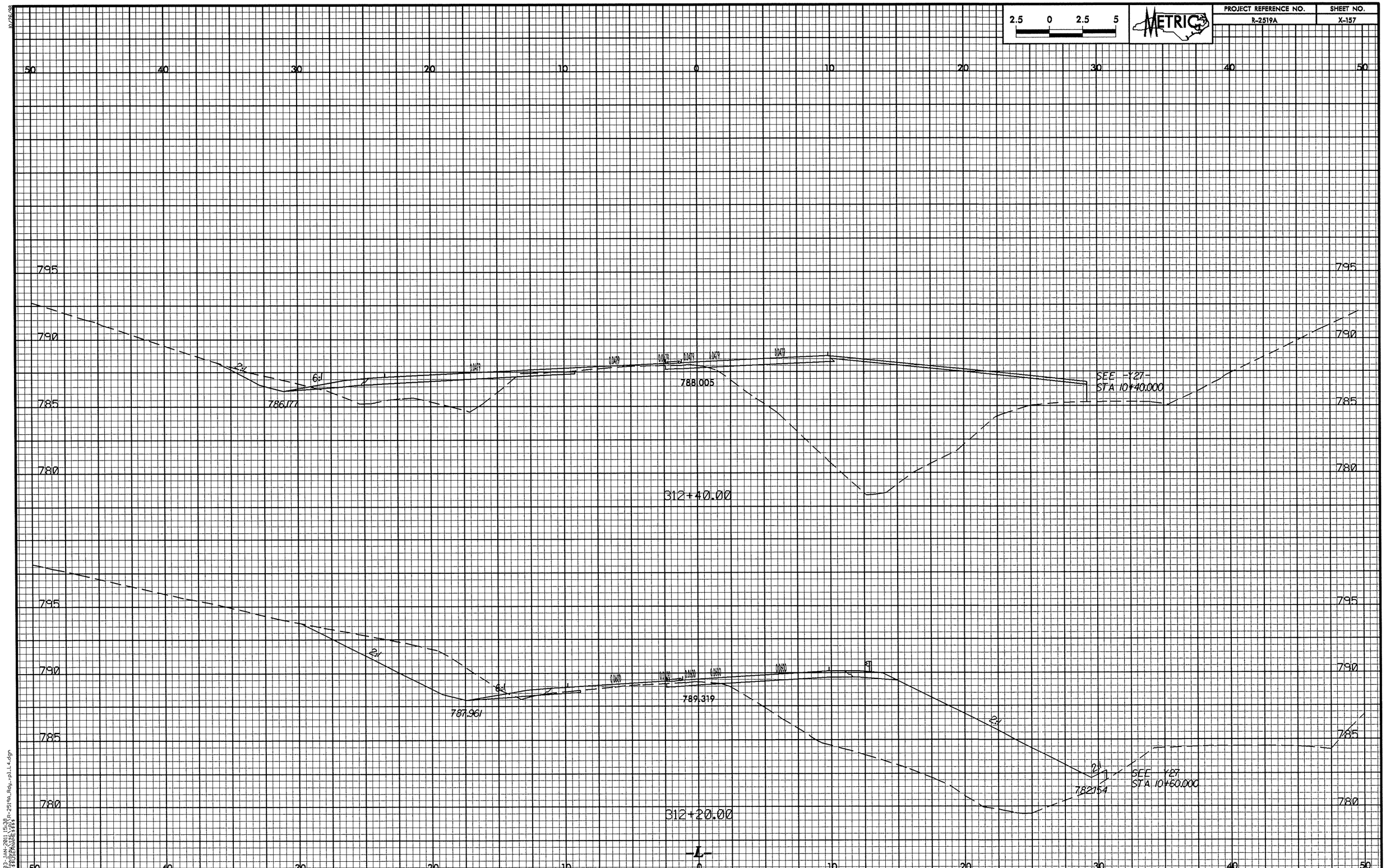


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-154
50 40 30 20 10 0 10 20 30 40 50
805
800
795
790
2:1
6:1
4.90:1
792.912
794.429
794.243
311+20.00
793.615
795.059
794.946
311+00.00
794.223
795.587
2.23:1
310+80.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-155
FOLD LINE
805
800
795
790
2:1
6:1
791.218
792.658
SDG 792.270
311+60.00
792.113
793.582
SDG 793.444
311+40.00
-L-


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-156
50 40 30 20 10 0 10 20 30 40 50
800
795
790
785
805
2:1
6:1
789.142
790.493
312+00.00
FOLD LINE
790.228
791.623
SOG 791.00
311+80.00
-L-



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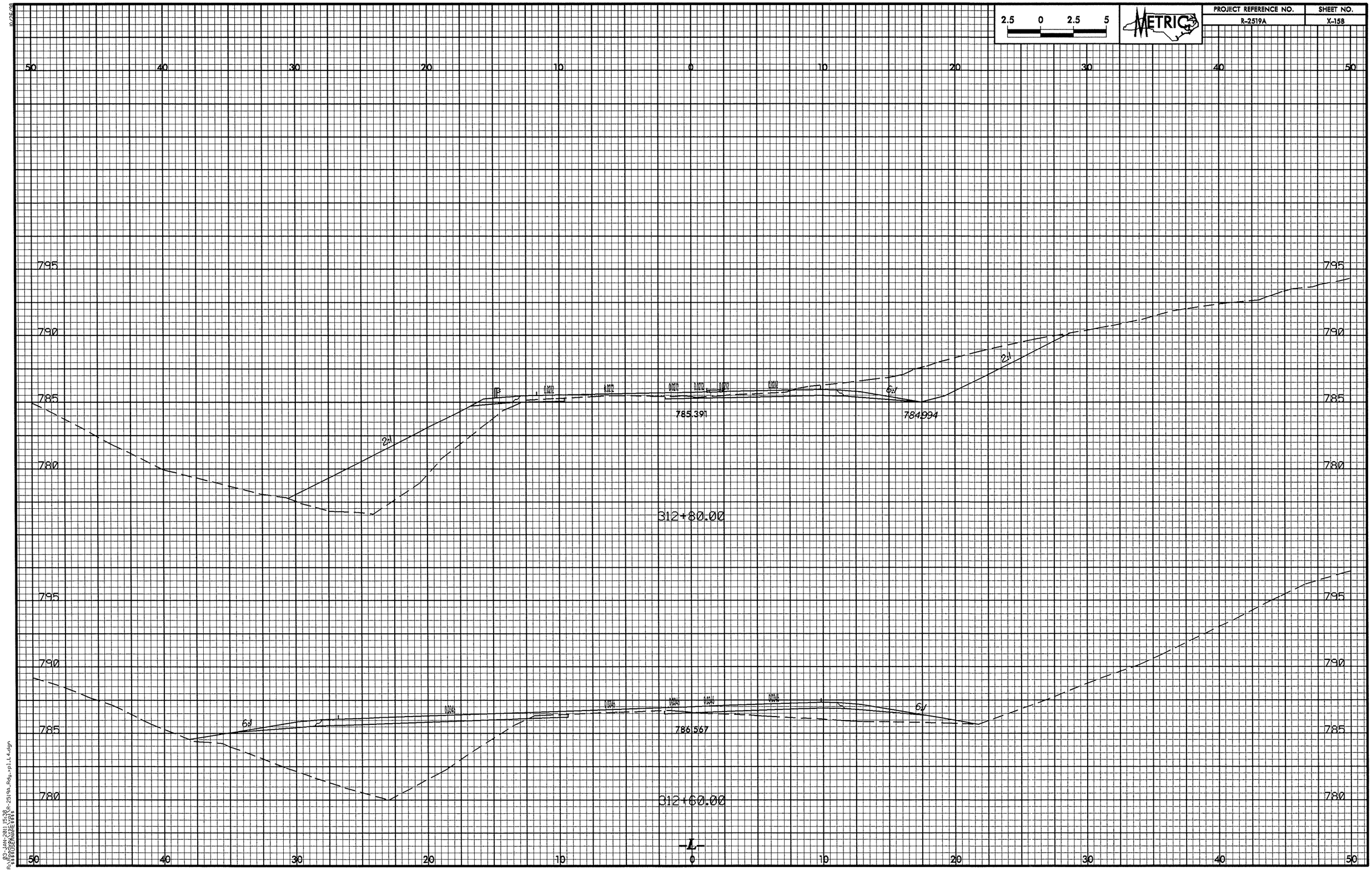
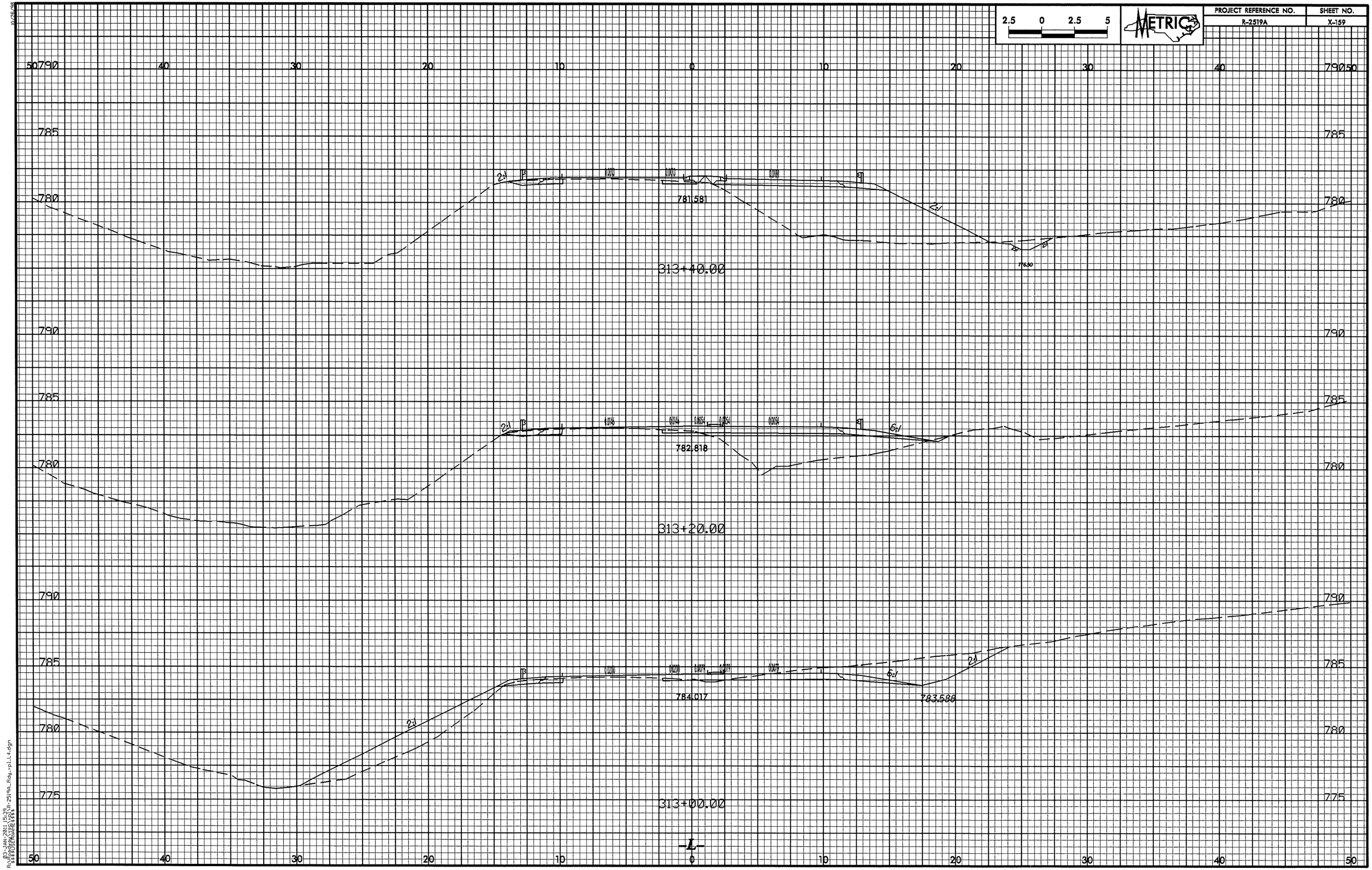
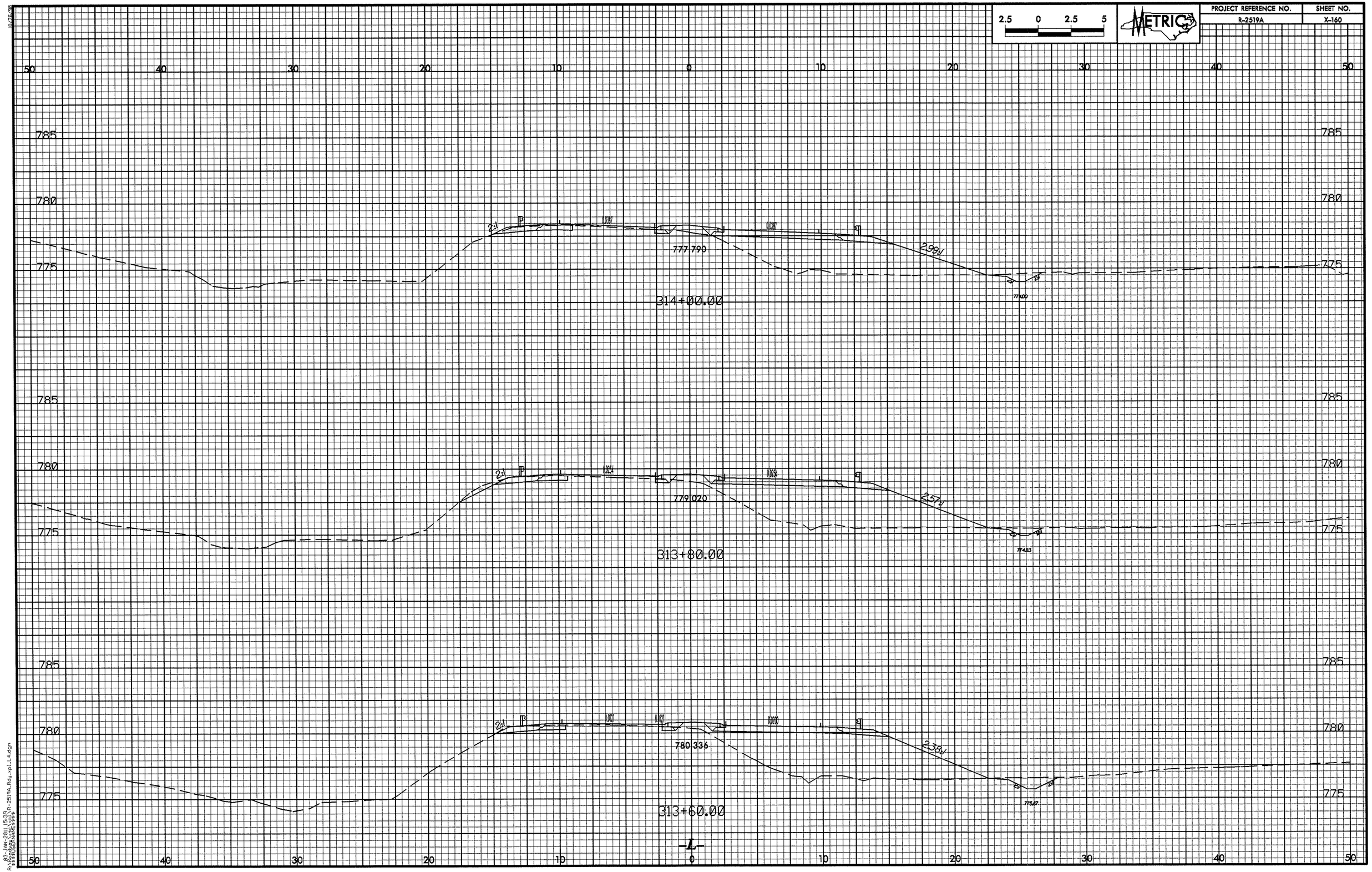
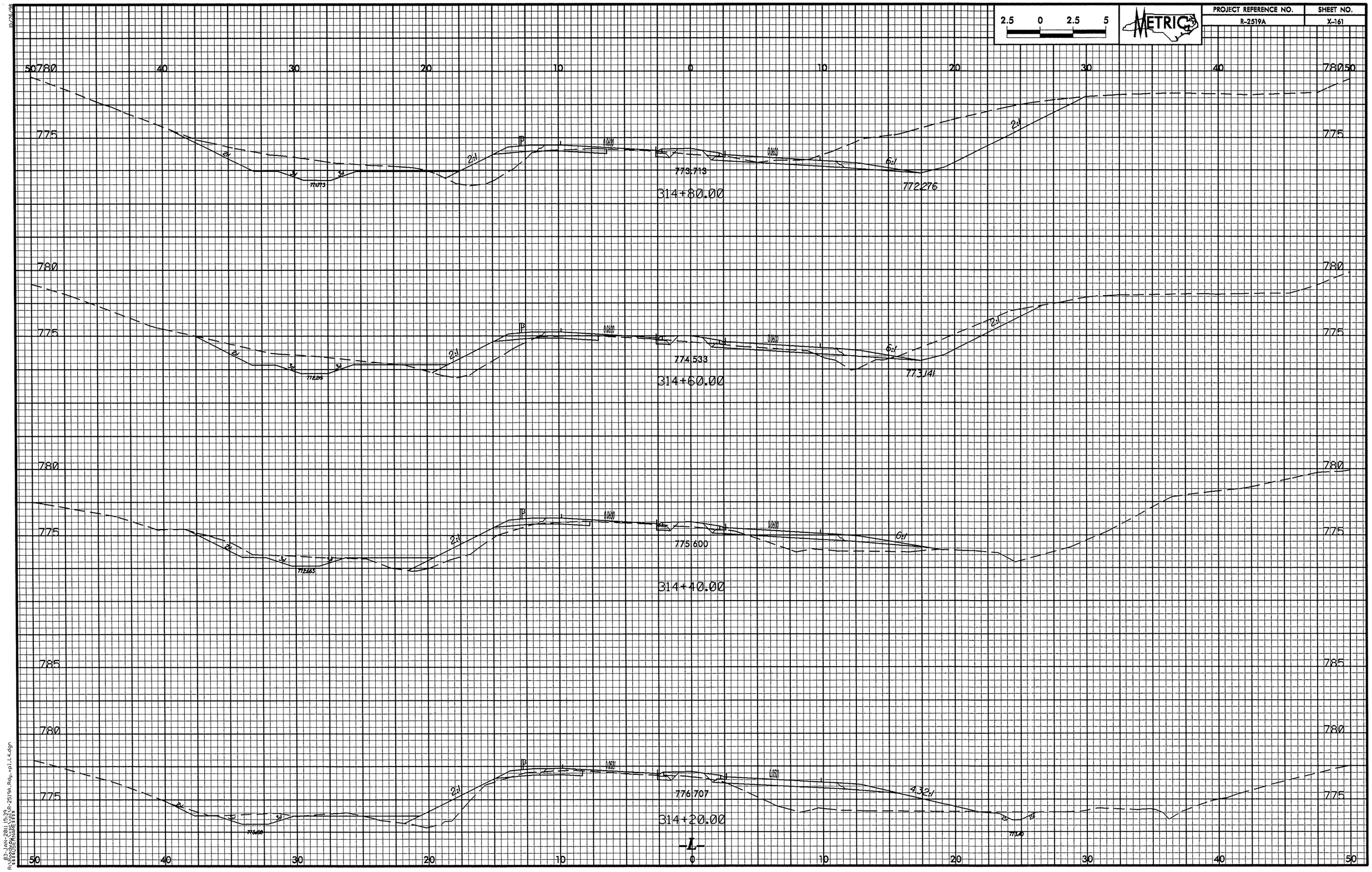

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-158
50 40 30 20 10 0 10 20 30 40 50
795
790
785
780
2:1
6:1
785.391
784.994
312+80.00
786.567
312+60.00
-L-

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-159



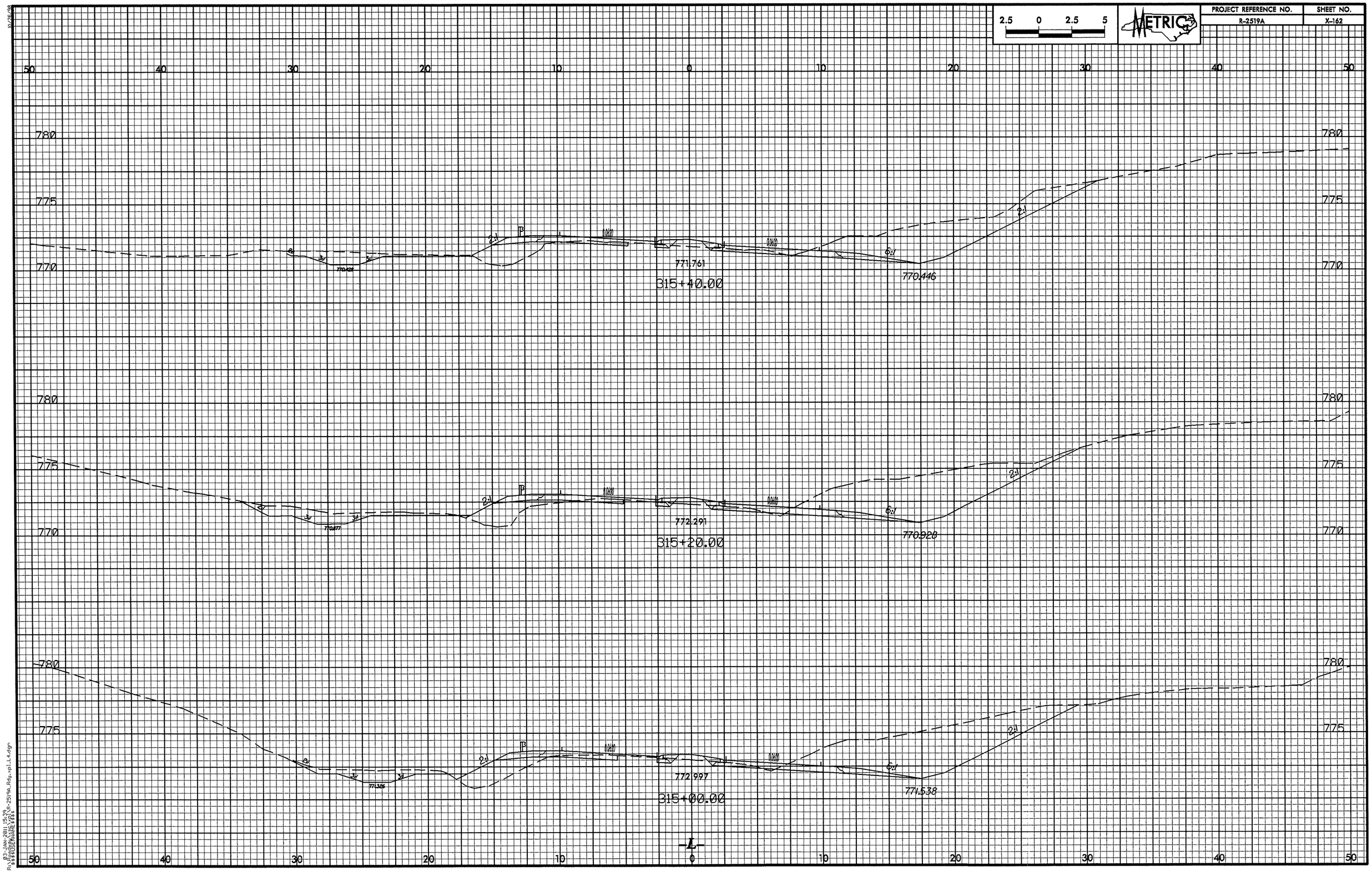


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-160
50 40 30 20 10 0 10 20 30 40 50
785
780
775
2:1
777.790
2.99:1
314+00.00
779.020
2.57:1
313+80.00
780.336
2.38:1
313+60.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-161
780
775
2:1
6:1
773.713
772.276
314+80.00
774.533
773.141
314+60.00
775.600
314+40.00
785
776.707
4.32:1
314+20.00
-L-
50
40
30
20
10
0

PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-162



03-JAN-2011 15:39
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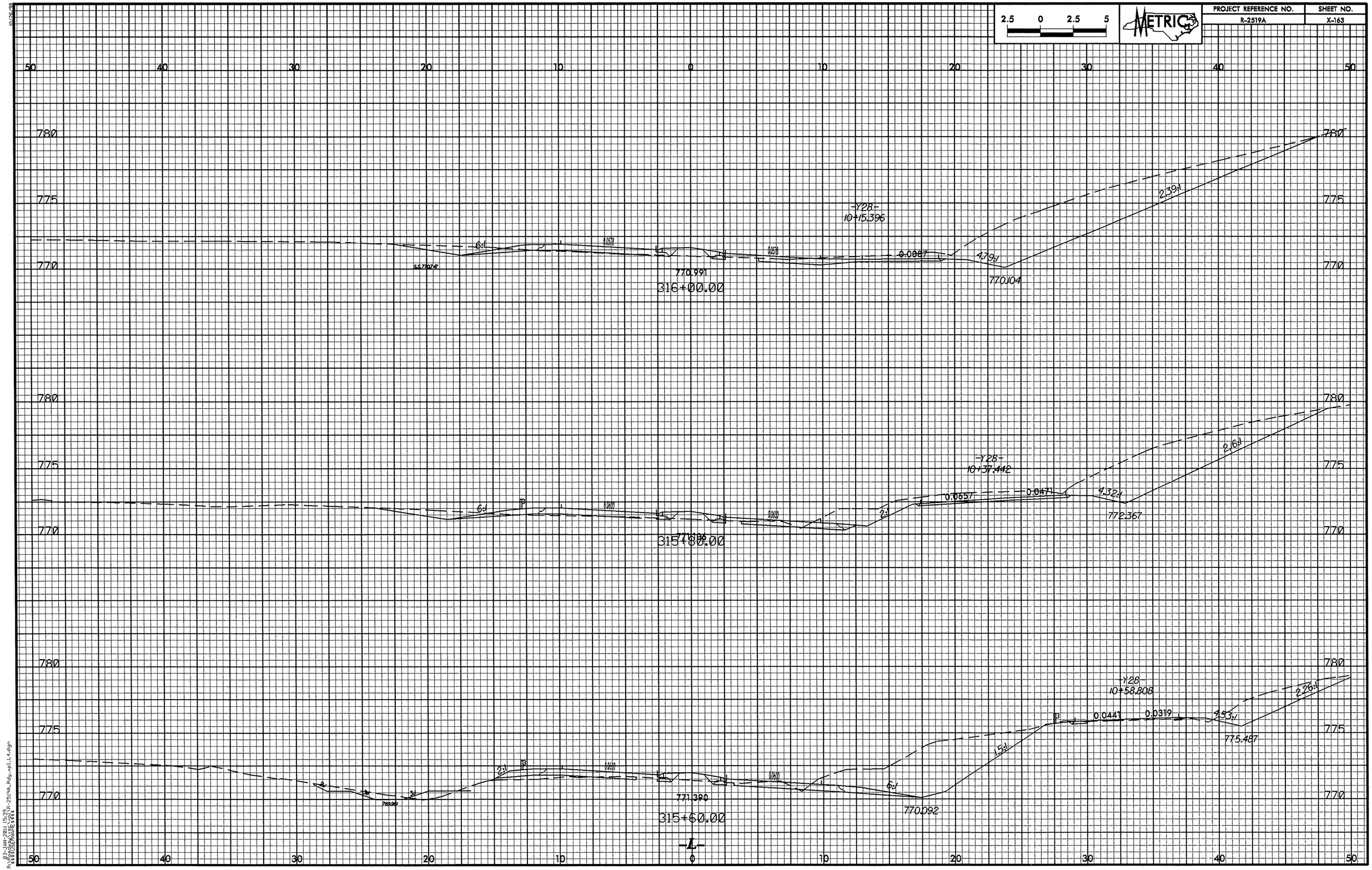
PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-163



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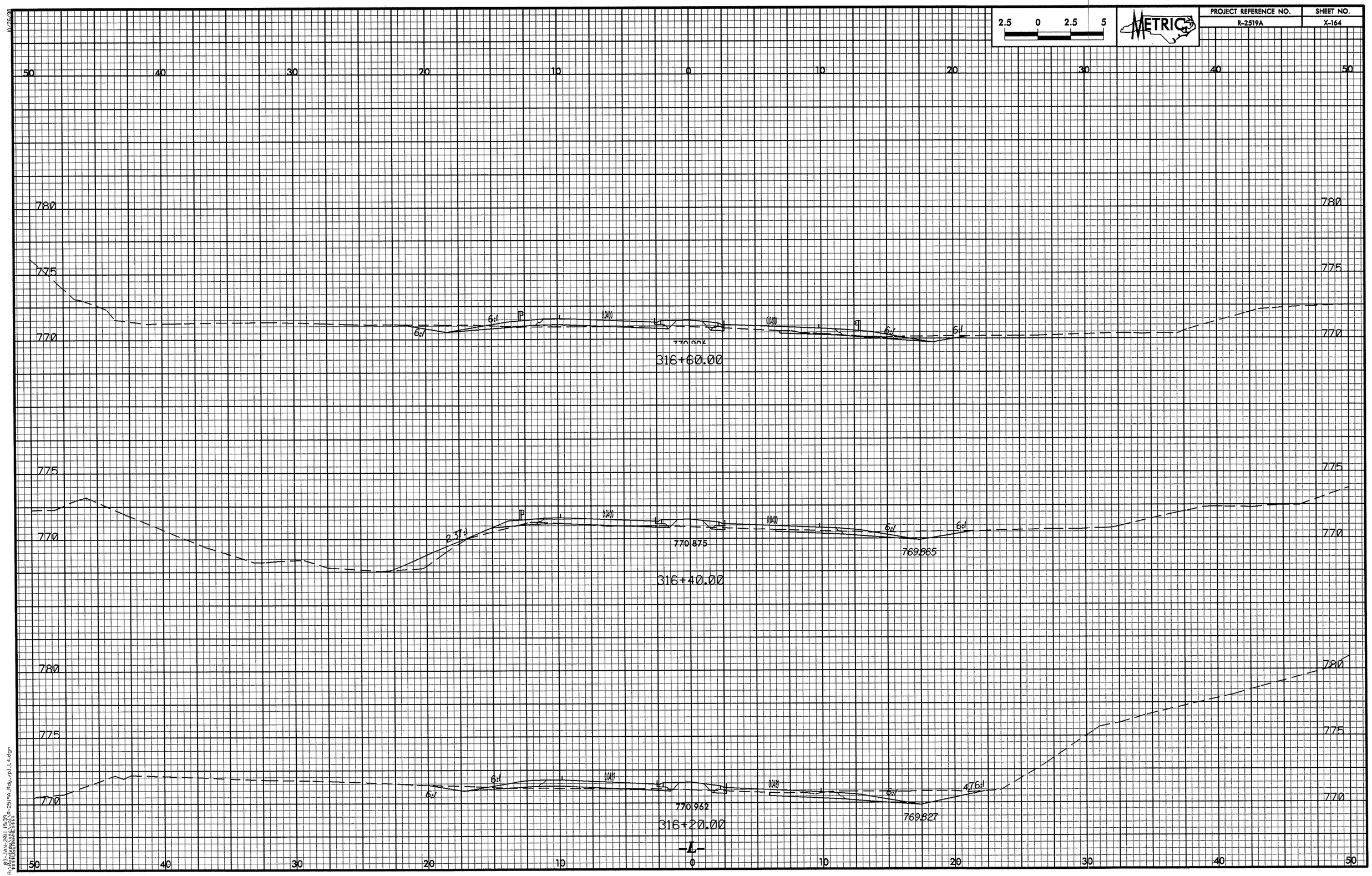
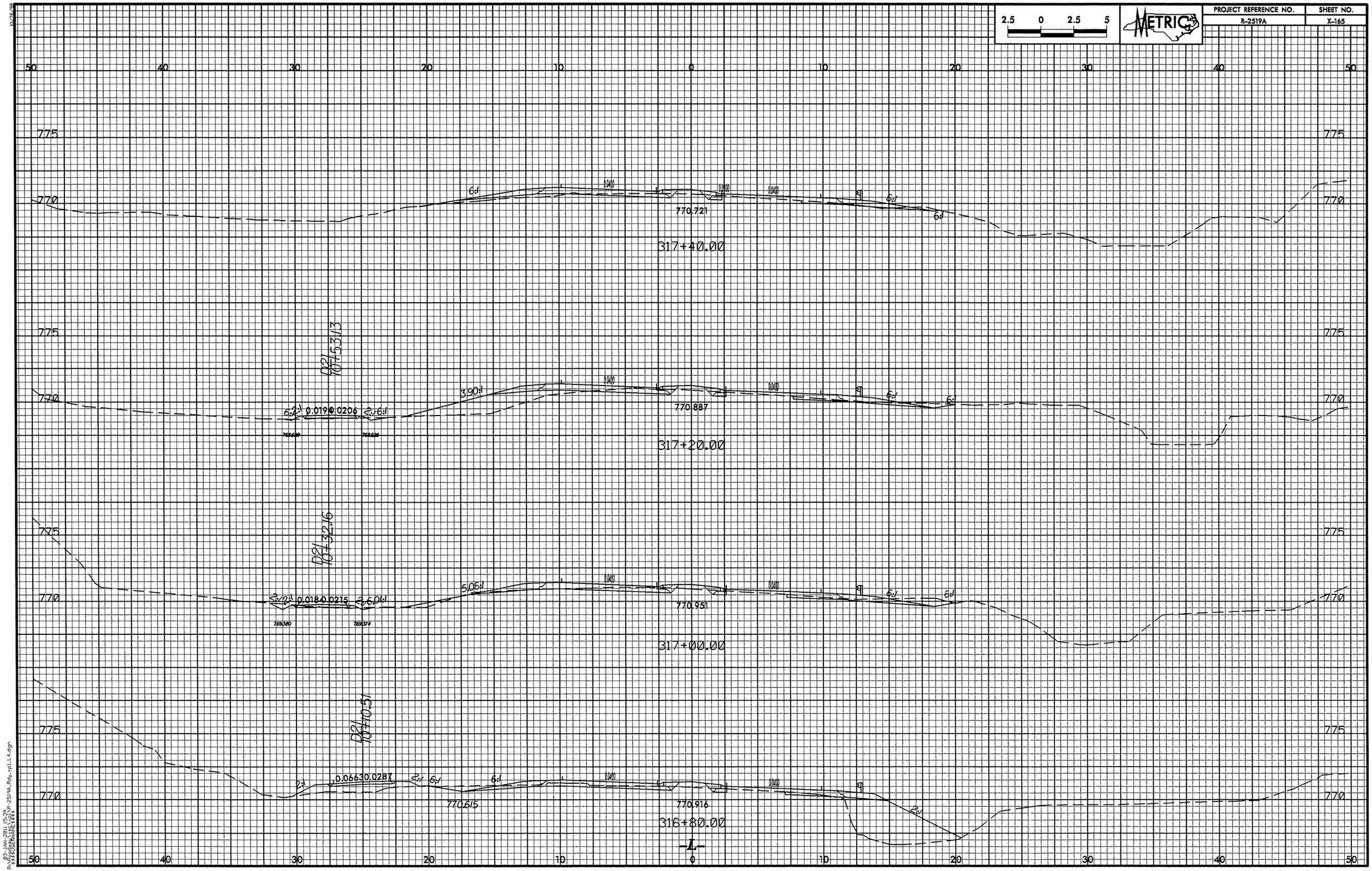
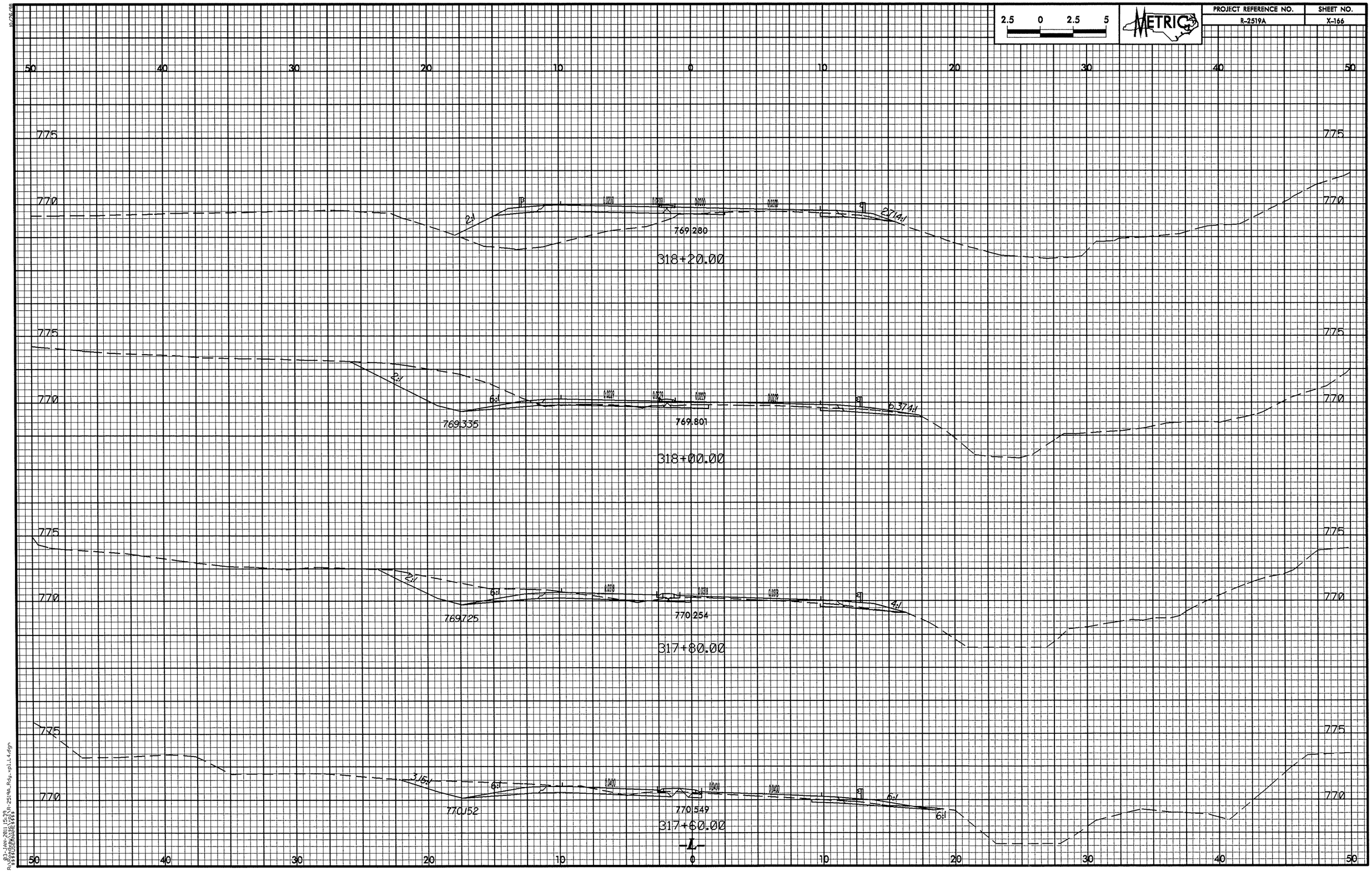


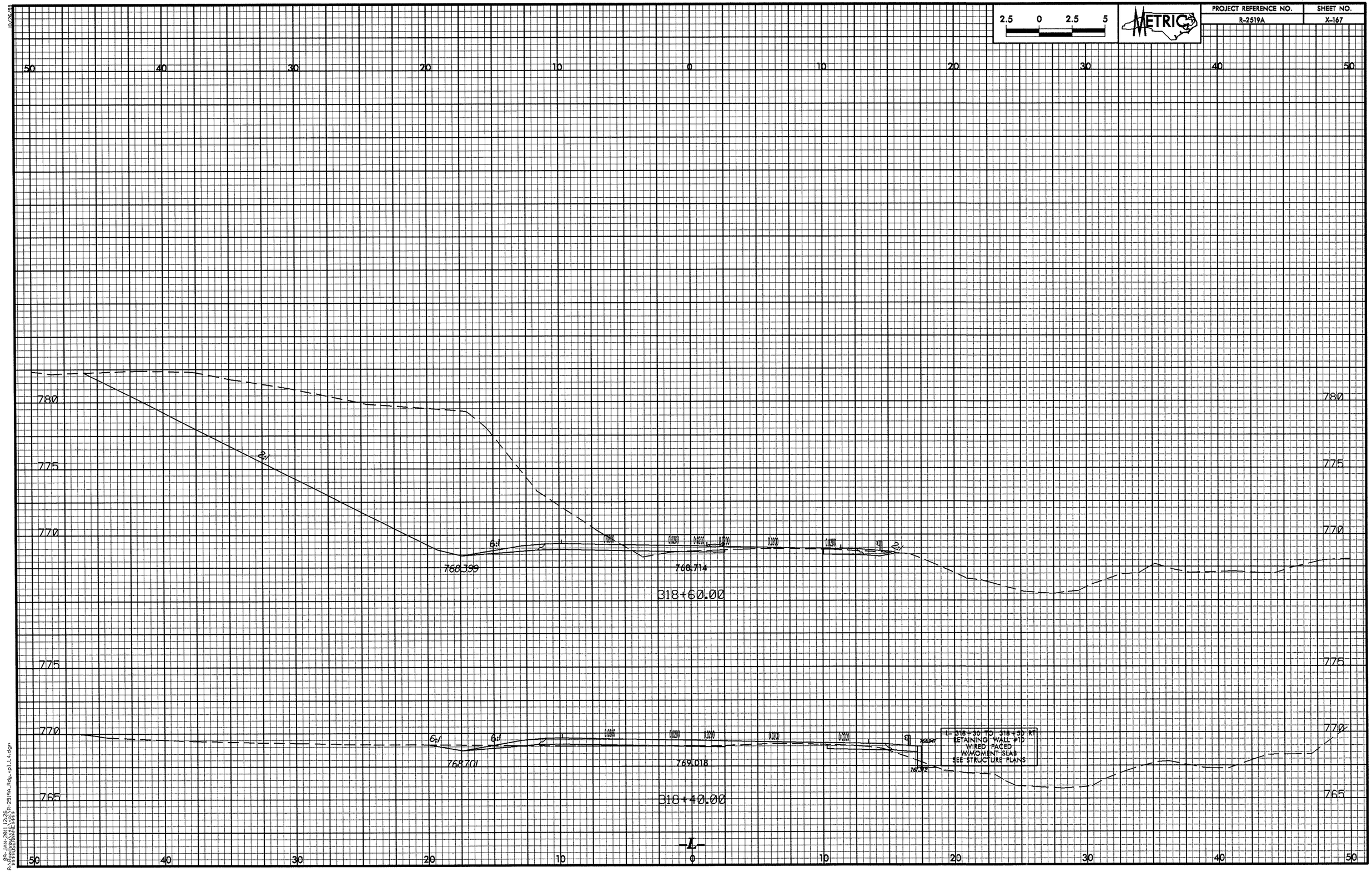
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-164
50 40 30 20 10 0 10 20 30 40 50
780
775
770
6:1
316+60.00
770.875
769.865
316+40.00
770.962
769.827
316+20.00
-L-



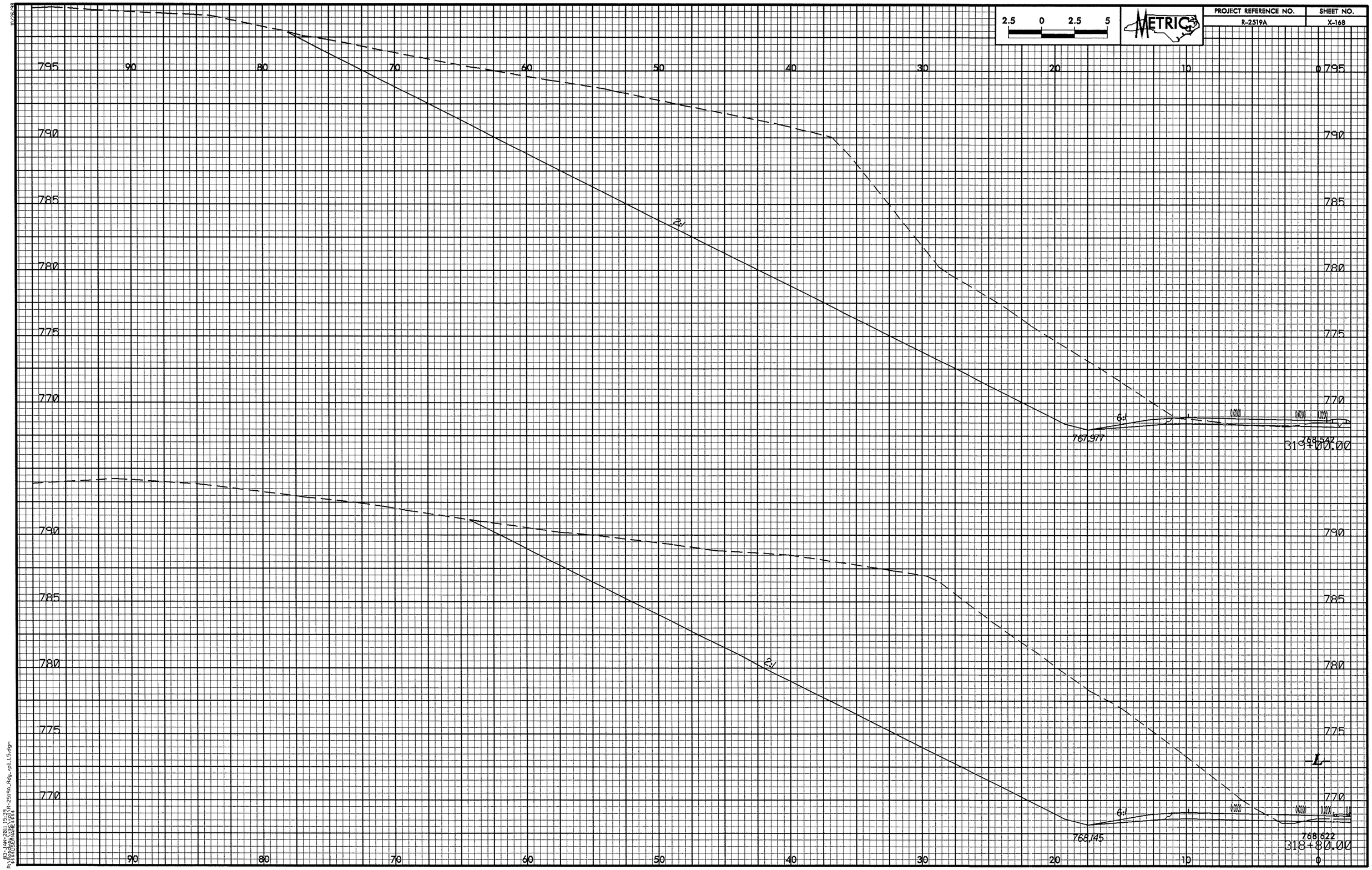
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-165
50 40 30 20 10 0 10 20 30 40 50
775
770
6:1
770.721
317+40.00
D21 10+53.13
3.90:1
6:2:1
0.0190
0.0206
2:1
6:1
770.887
317+20.00
D21 10+32.16
5.06:1
2:1
0.0180
0.0215
2:1
6.01:1
770.951
317+00.00
D21 10+10.51
2:1
0.0663
0.0287
2:1
6:1
770.615
770.916
316+80.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-166
50 40 30 20 10 0 10 20 30 40 50
775
770
2:1
2.714:1
769.280
318+20.00
2:1
6:1
6.374:1
769.335
769.801
318+00.00
2:1
6:1
4:1
769.725
770.254
317+80.00
3.15:1
6:1
6:1
770.152
770.549
317+60.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-167
50 40 30 20 10 0 10 20 30 40 50
780
775
770
765
2:1
6:1
768.399
768.714
318+60.00
768.701
769.018
318+40.00
L- 318+30 TO 318+50 RT
RETAINING WALL #10
WIRED FACED
W/MOMENT SLAB
SEE STRUCTURE PLANS
-L-



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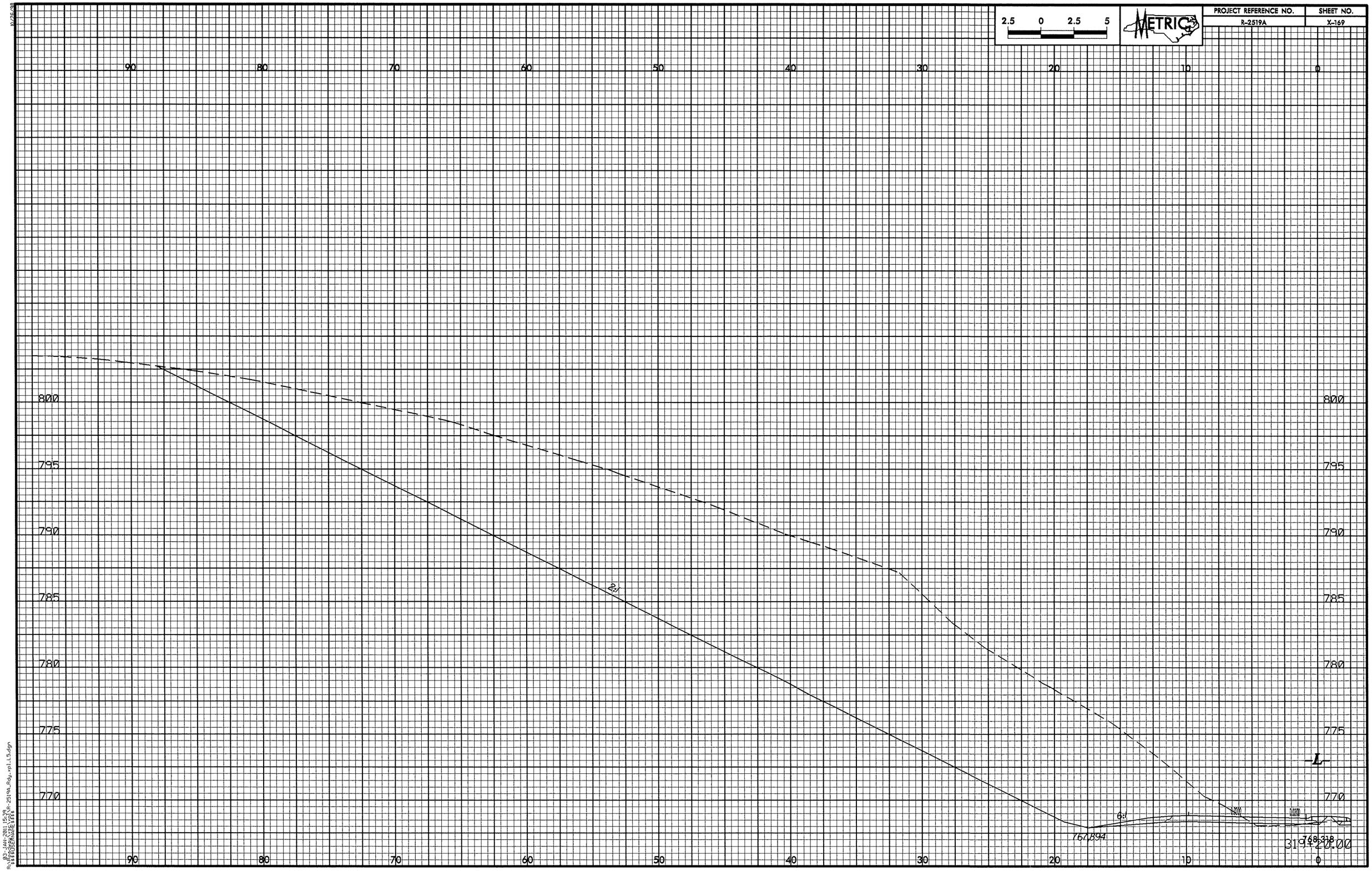
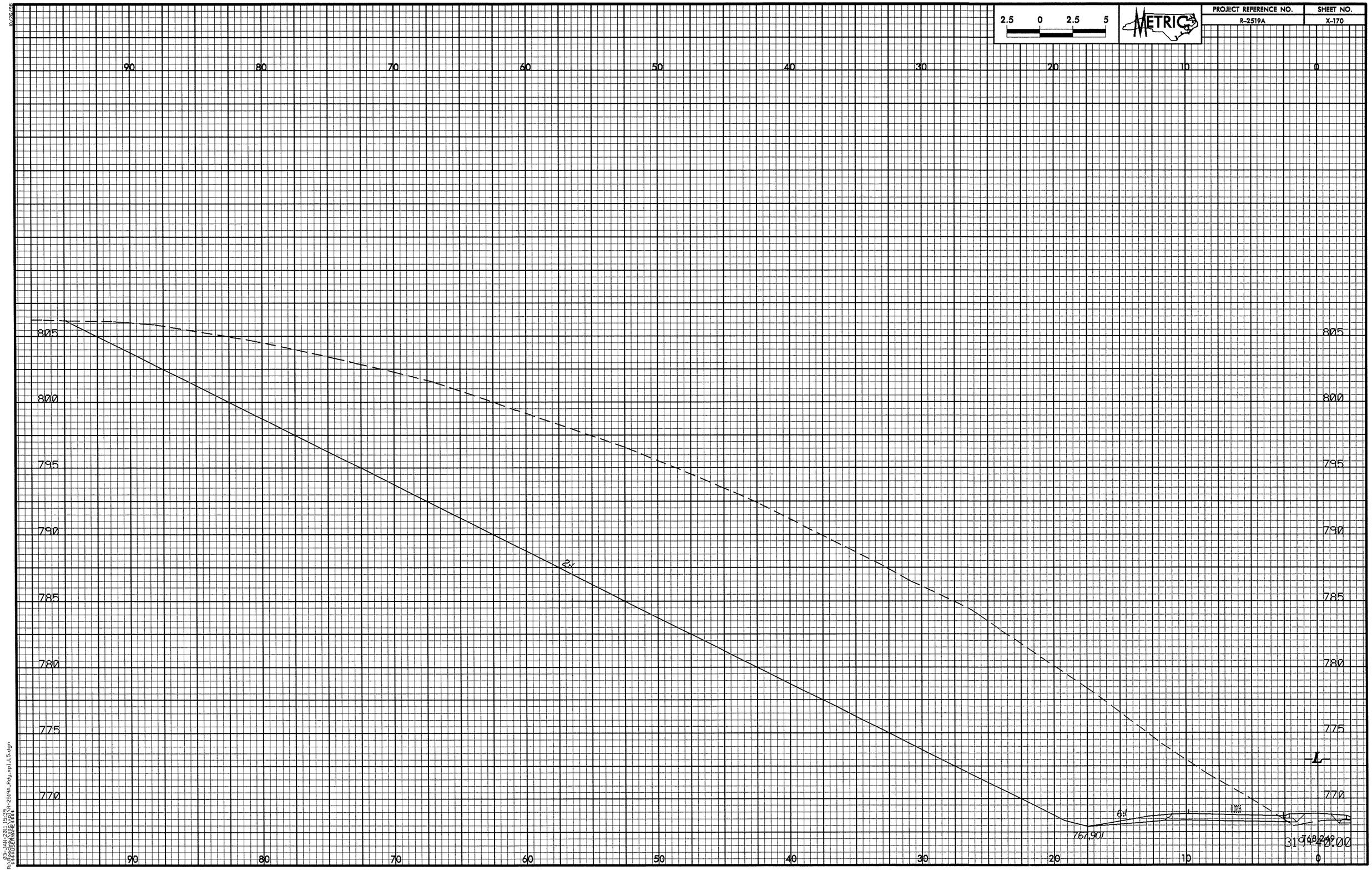
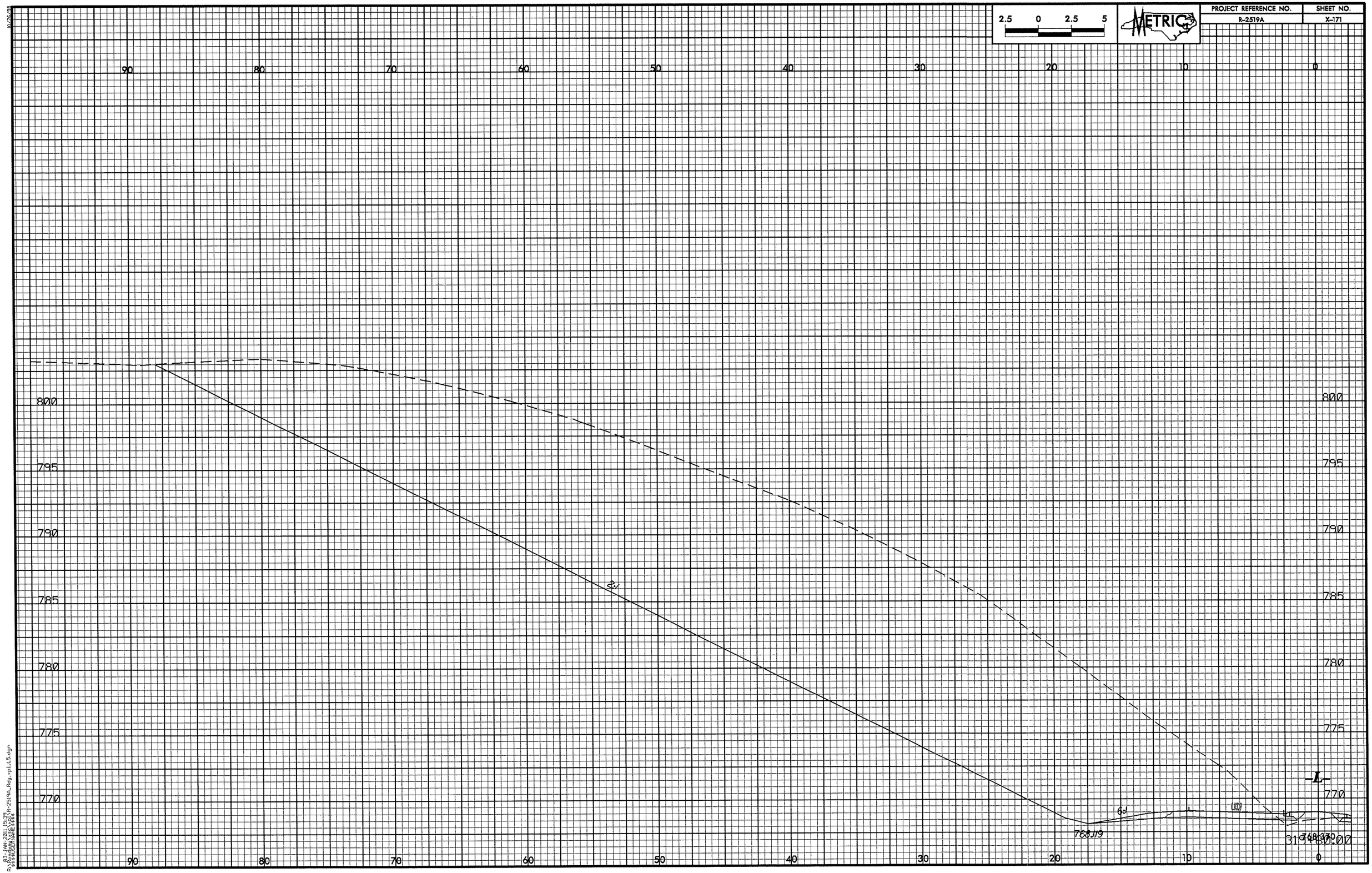

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-169
90
80
70
60
50
40
30
20
10
0
800
795
790
785
780
775
770
2:1
6:1
767894
768318
319+20.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-170
90 80 70 60 50 40 30 20 10 0
805
800
795
790
785
780
775
770
2:1
6:1
767.901
768.249
-L-



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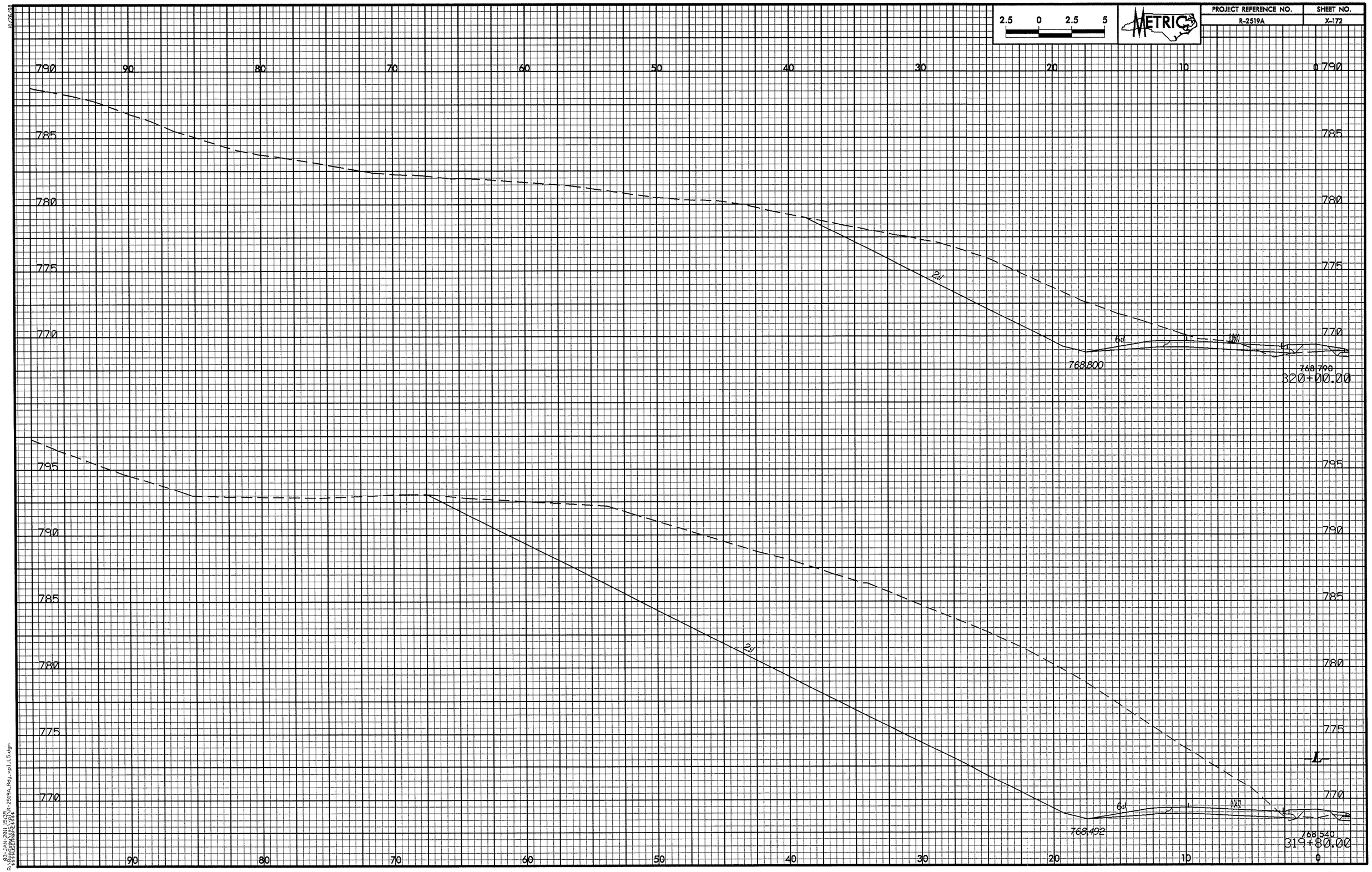
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-171
90 80 70 60 50 40 30 20 10 0
800
795
790
785
780
775
770
2:1
6:1
768.119
768.370
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-172
790
785
780
775
770
795
90
80
70
60
50
40
30
20
10
0
2:1
6:1
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768.790
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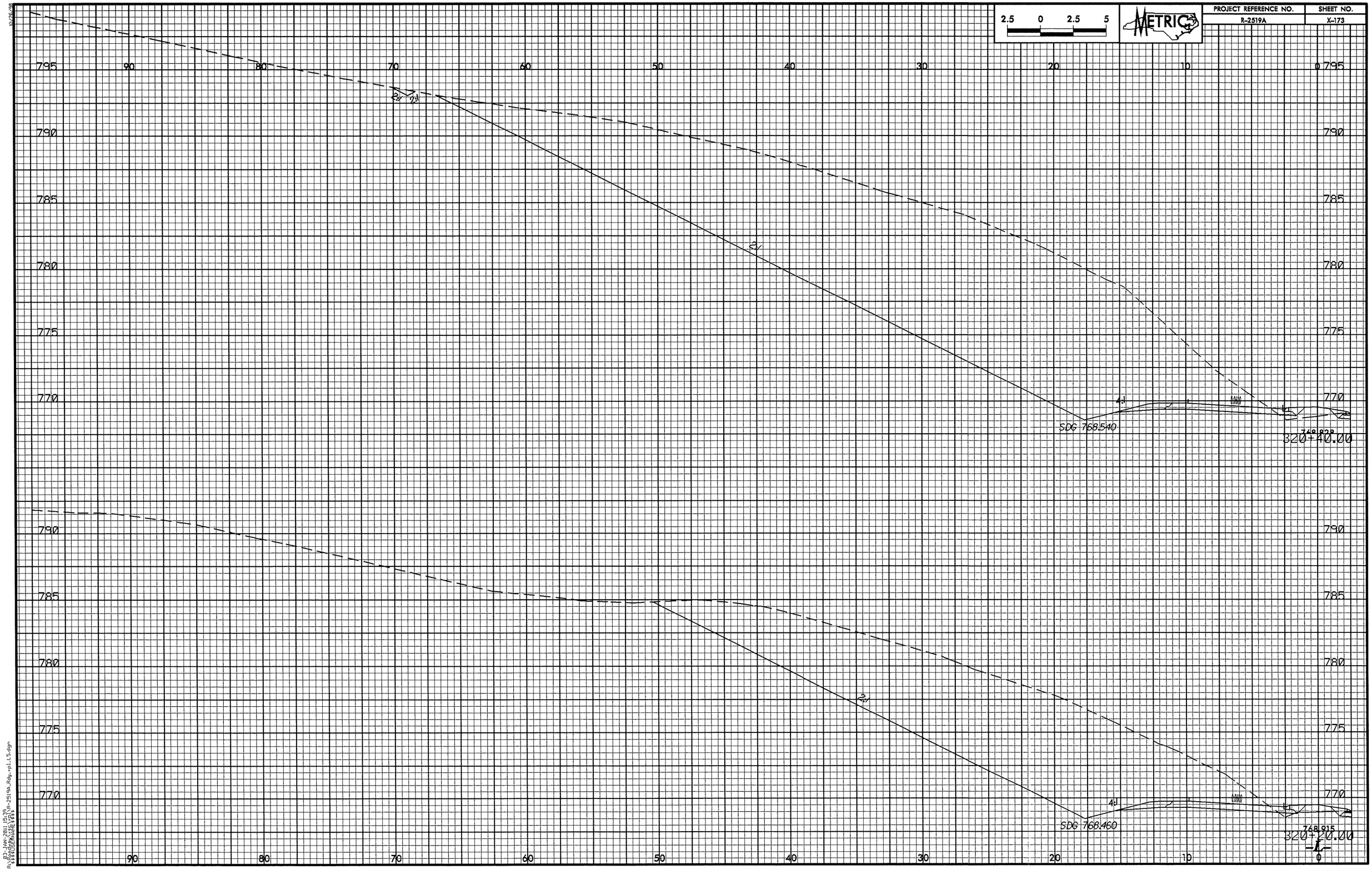
768.492
768.540
319+80.00
L



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-173
795
790
785
780
775
770
90
80
70
60
50
40
30
20
10
0
2:1
4:1
SDG 768.540
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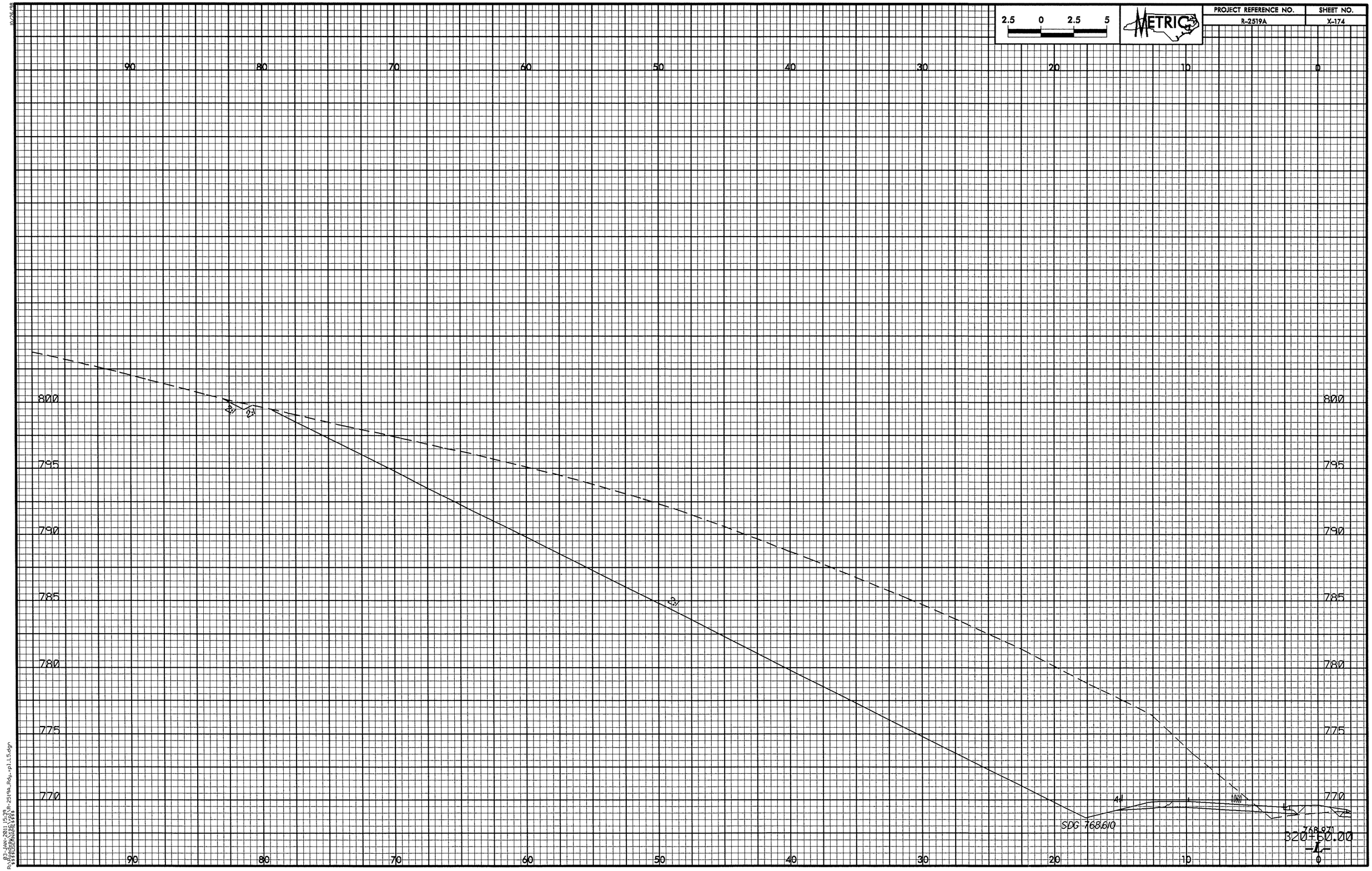
320+40.00
SDG 768.460
768.915
320+20.00
-L-



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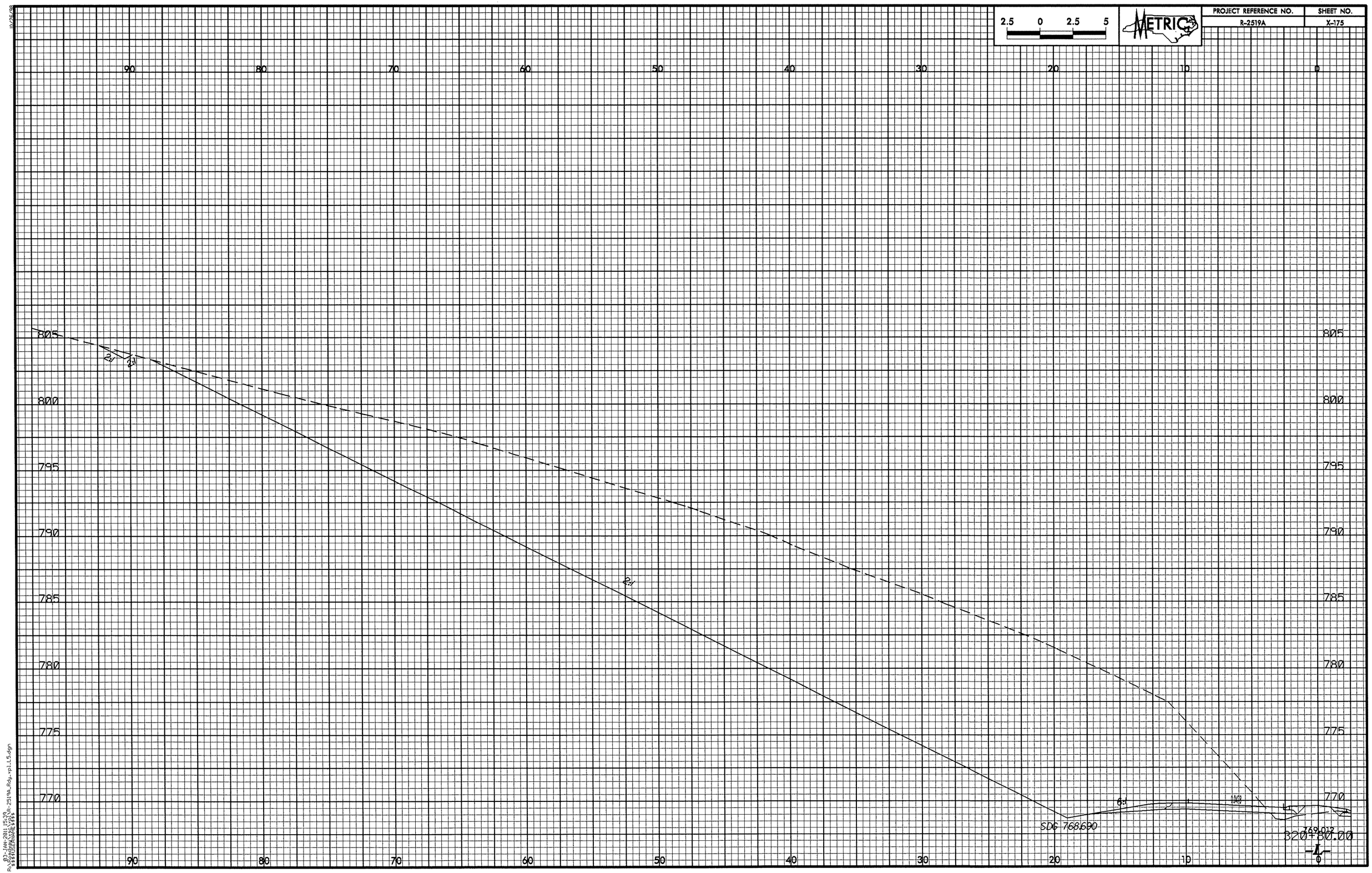

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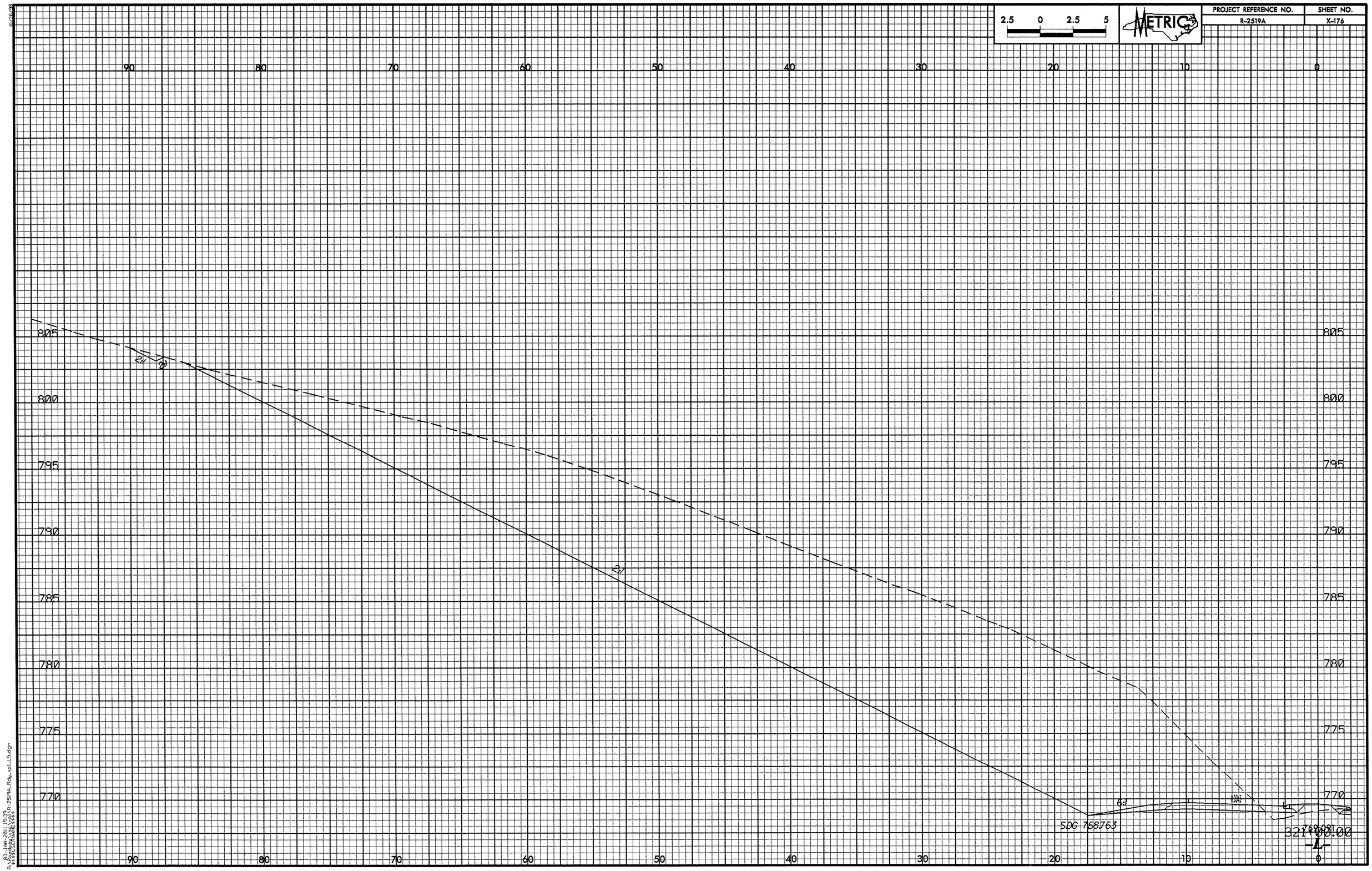

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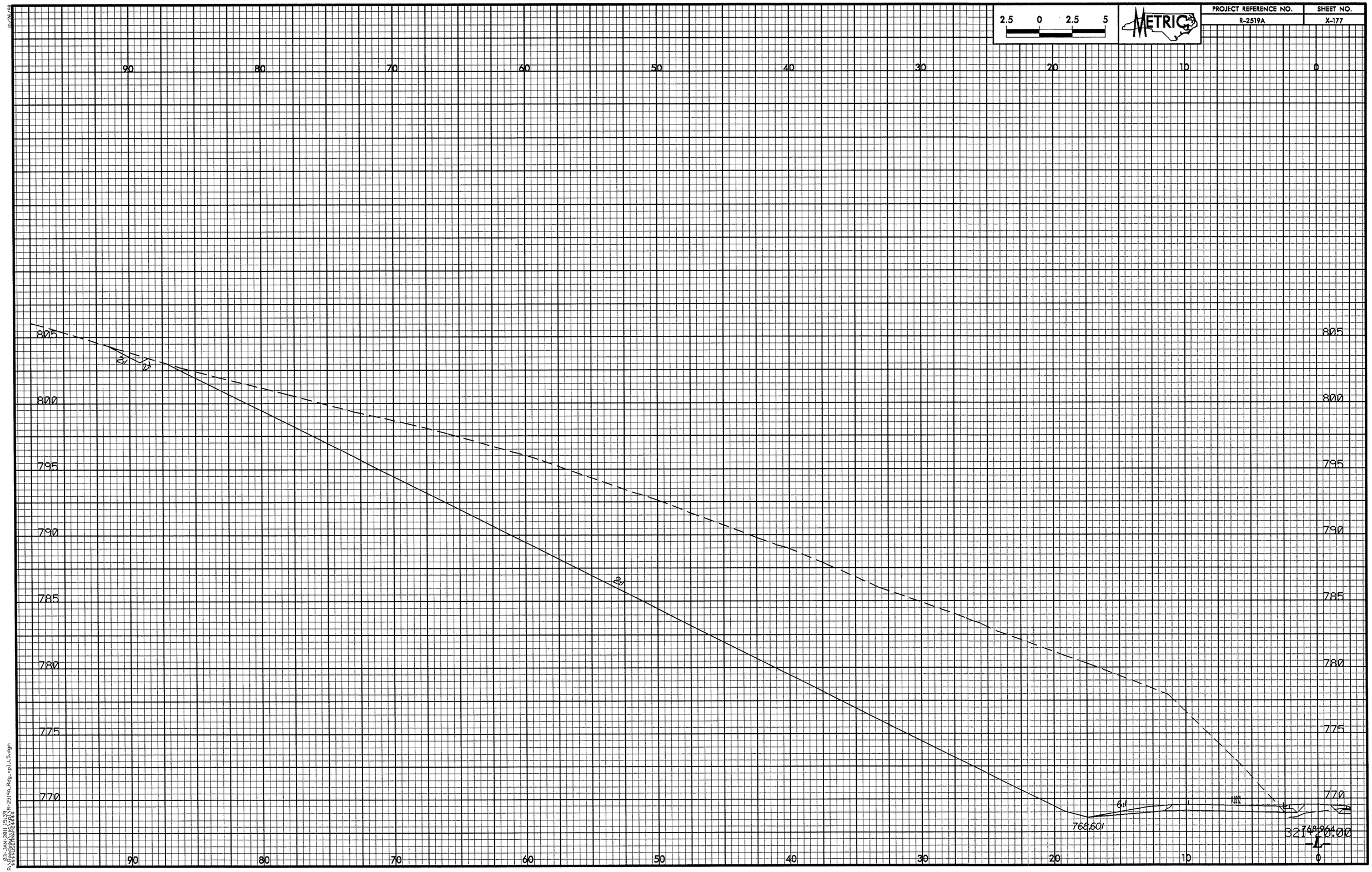

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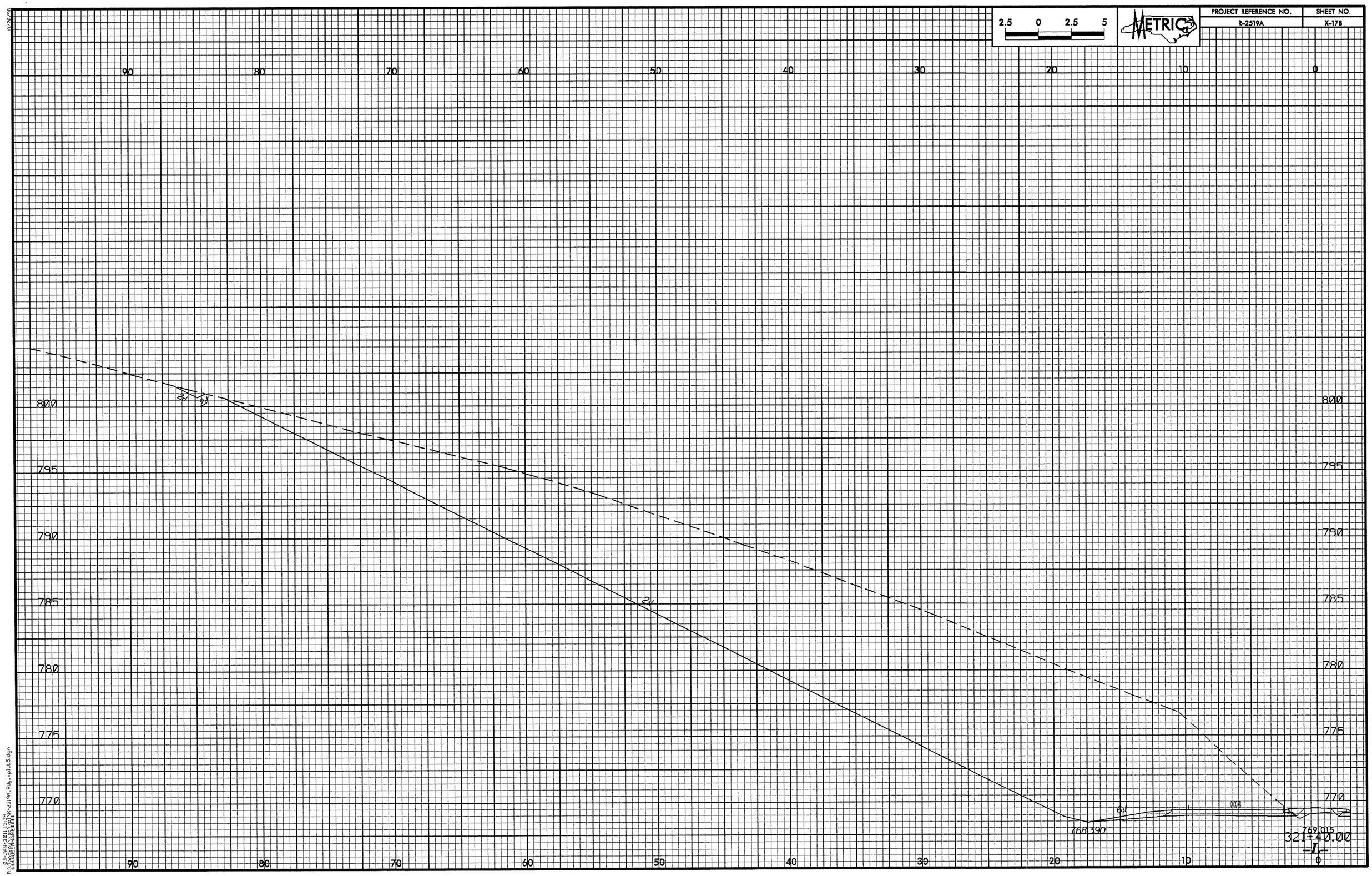

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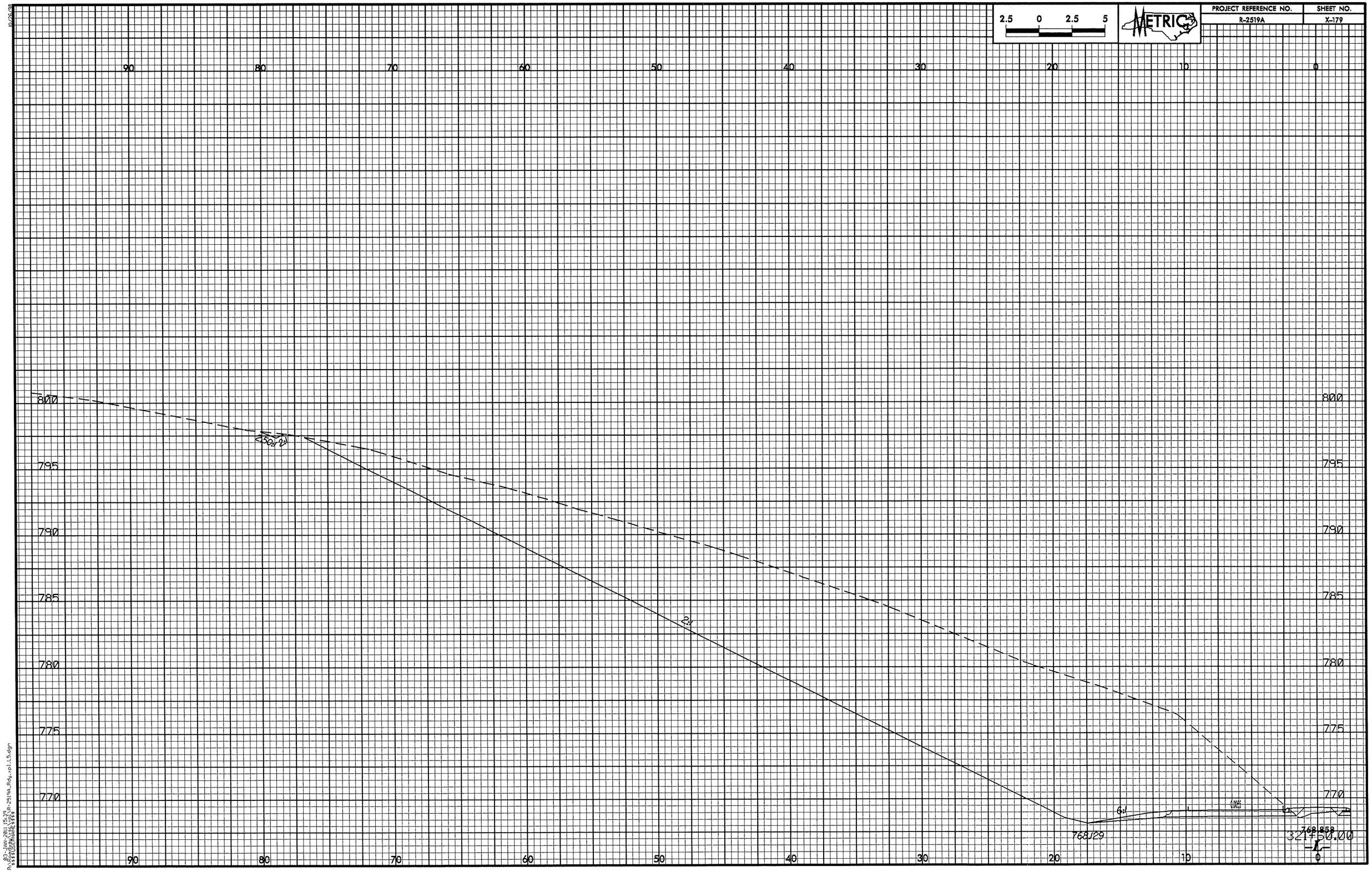
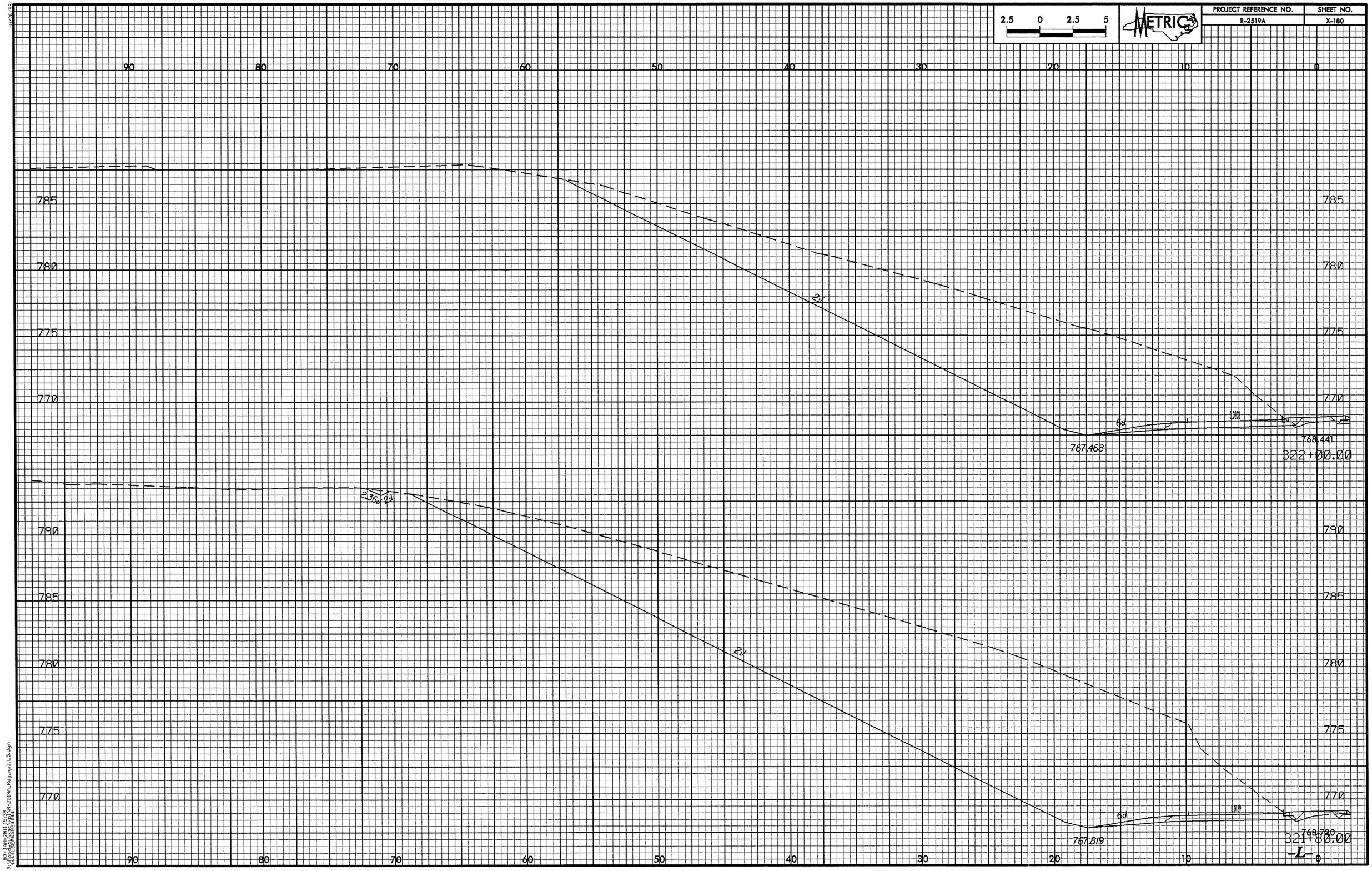
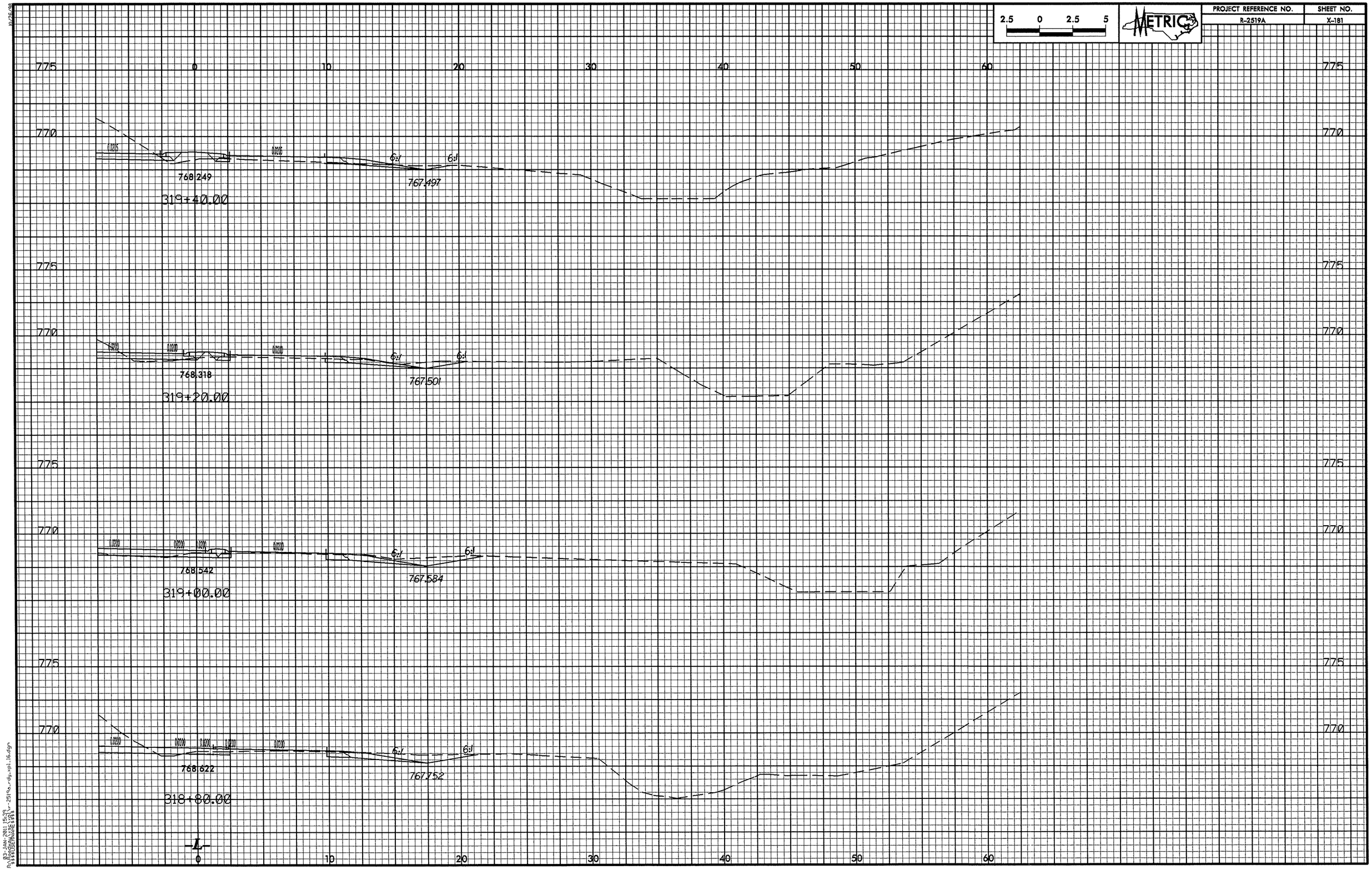


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-179
90
80
70
60
50
40
30
20
10
0
800
795
790
785
780
775
770
2:1
6:1
768.129
768.858
321+50.00



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-180
90 80 70 60 50 40 30 20 10 0
785
780
775
770
2:1
6:1
767.468
768.441
322+00.00
2.36:1
2:1
2:1
6:1
767.819
768.720
321+80.00
-L-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METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-181
775
770
0
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20
30
40
50
60
0.0015
0.0015
6:1
768.249
767.497
319+40.00
0.0000
768.318
767.501
319+20.00
768.542
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767.752
318+80.00
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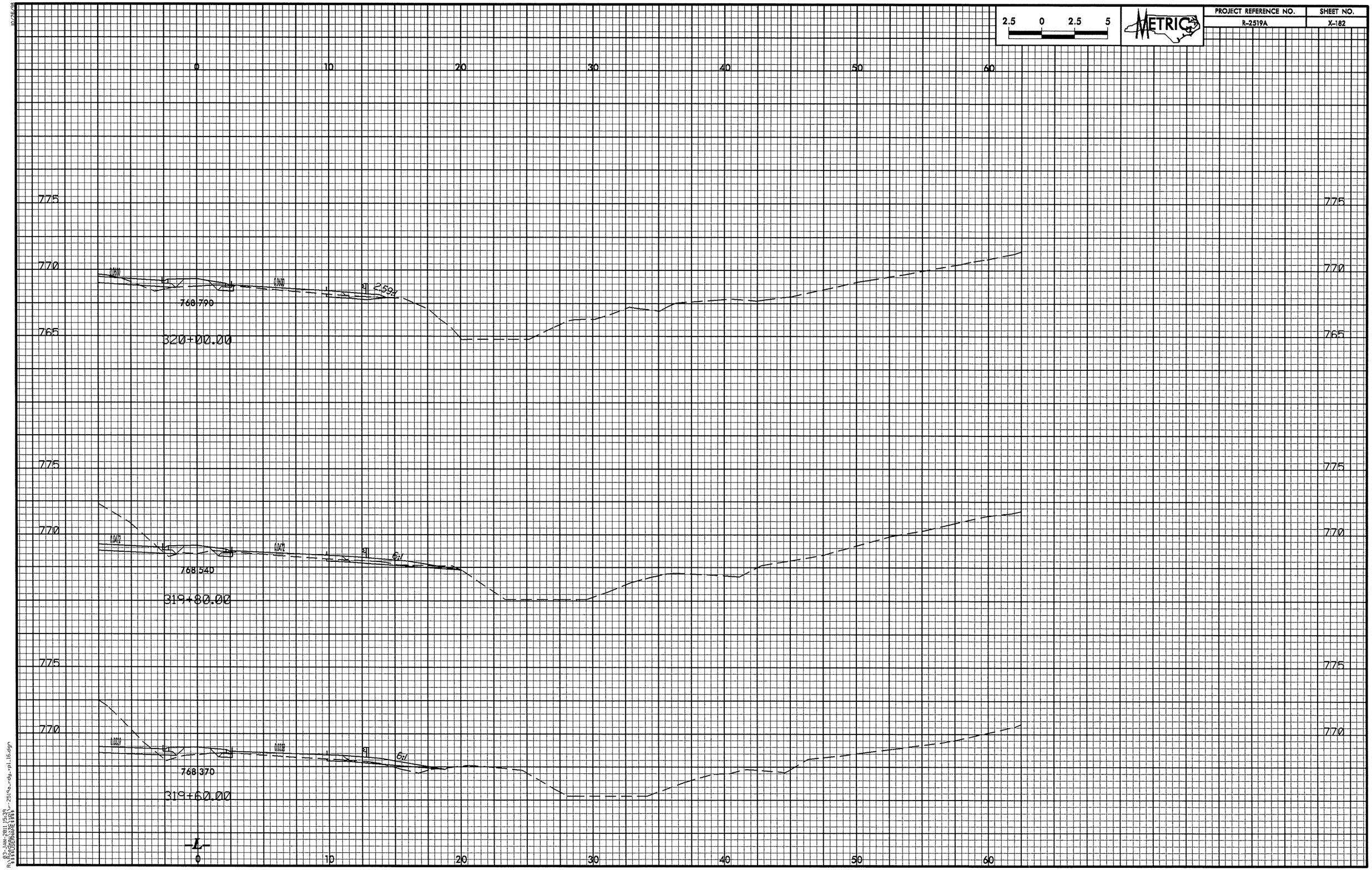
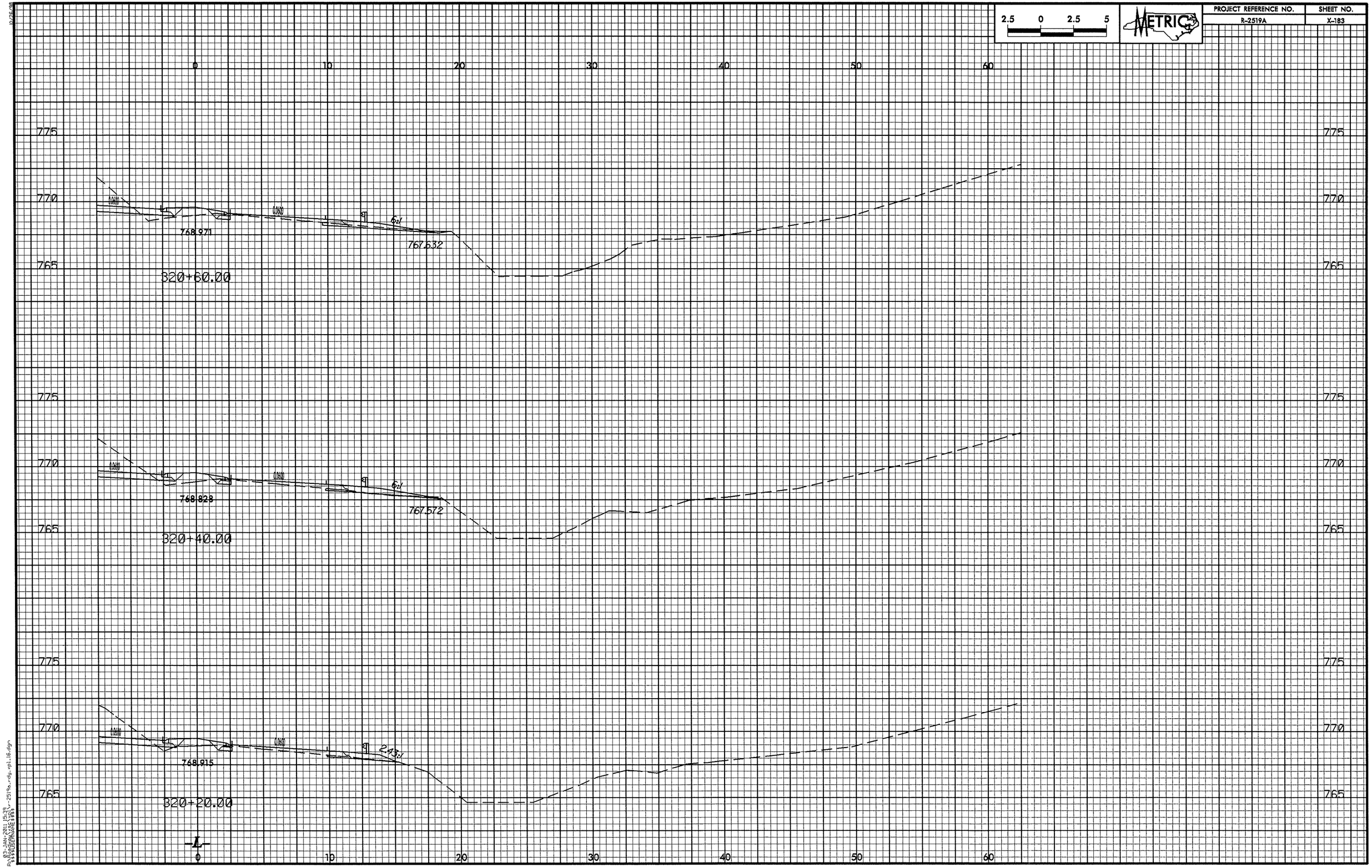
PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-182





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SHEET NO.
X-183
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50
60
775
770
765
768.971
767.632
6:1
320+60.00
768.828
767.572
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320+40.00
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2.43:1
320+20.00
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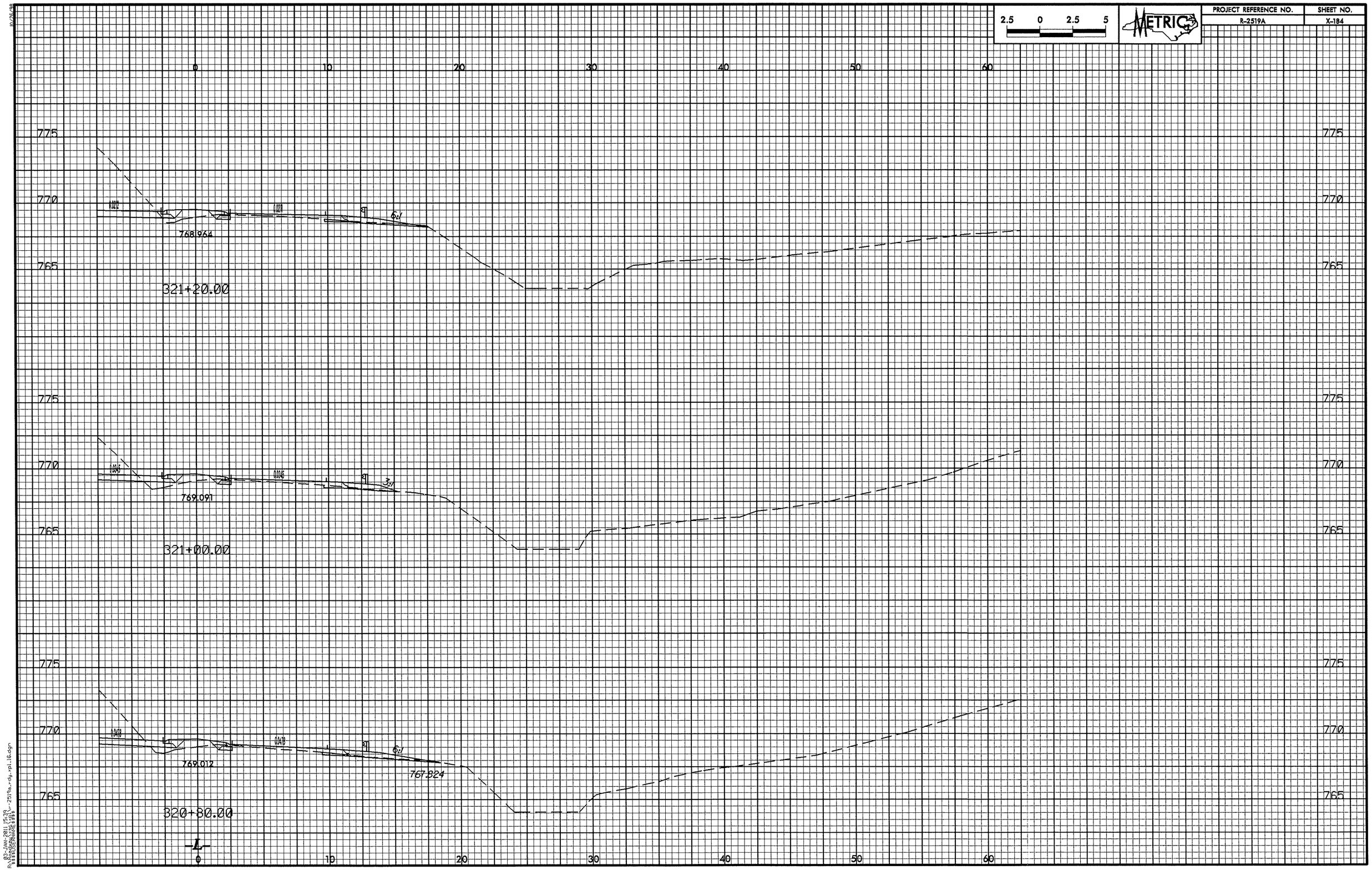
PROJECT REFERENCE NO.	SHEET NO.
R-2519A	X-184



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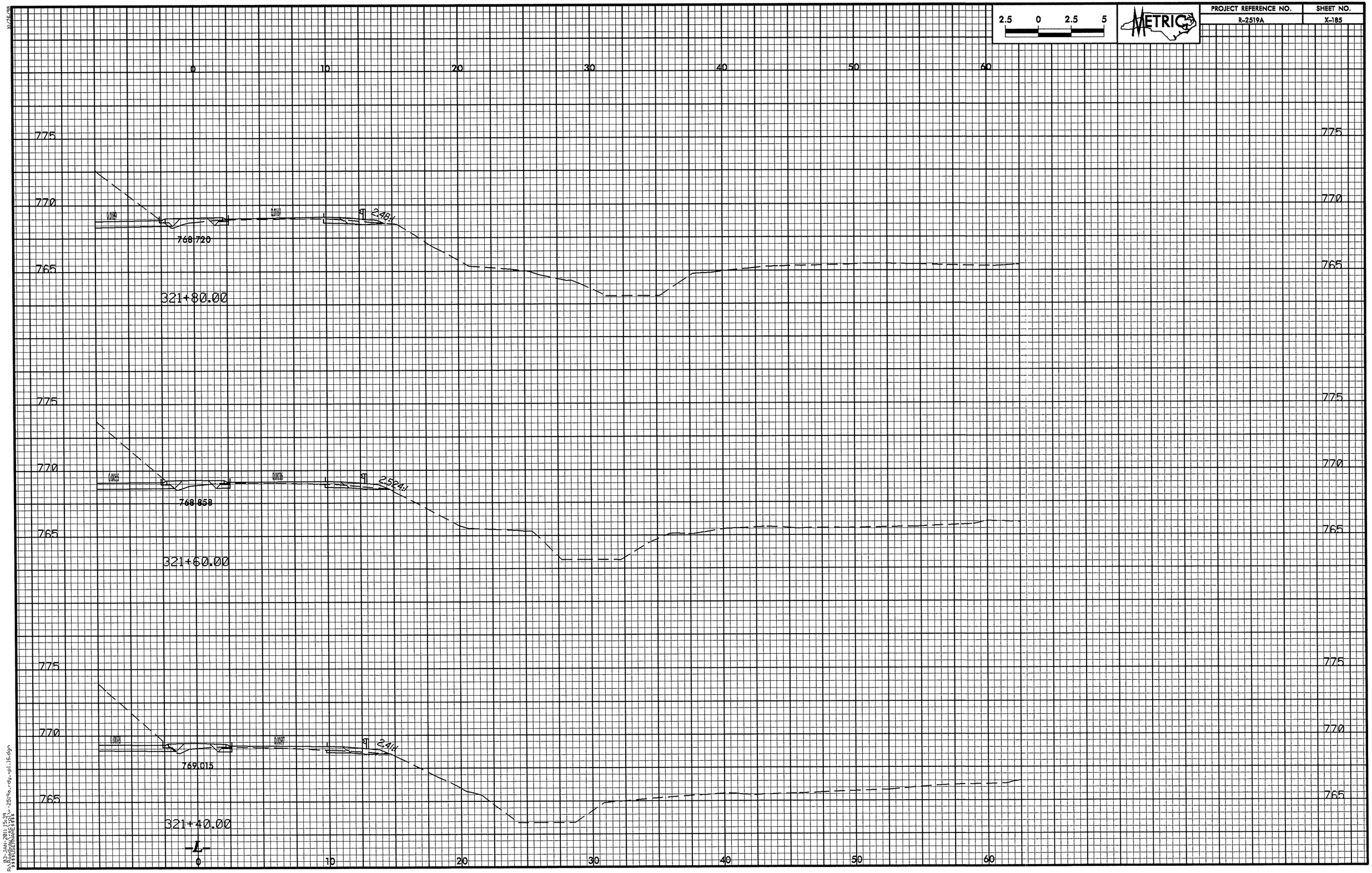

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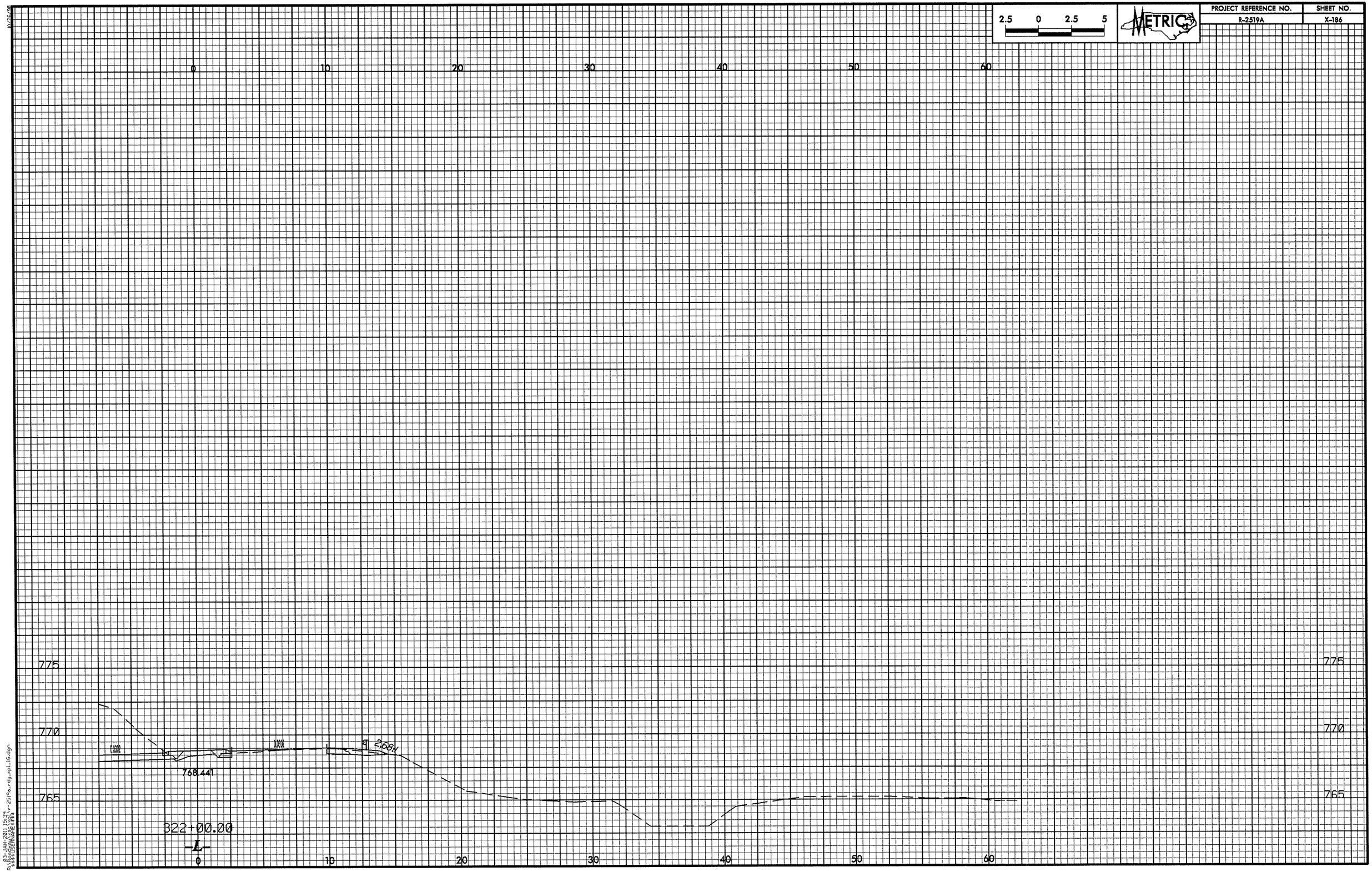

2.5 0 2.5 5
METRIC
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R-2519A
SHEET NO.
X-186
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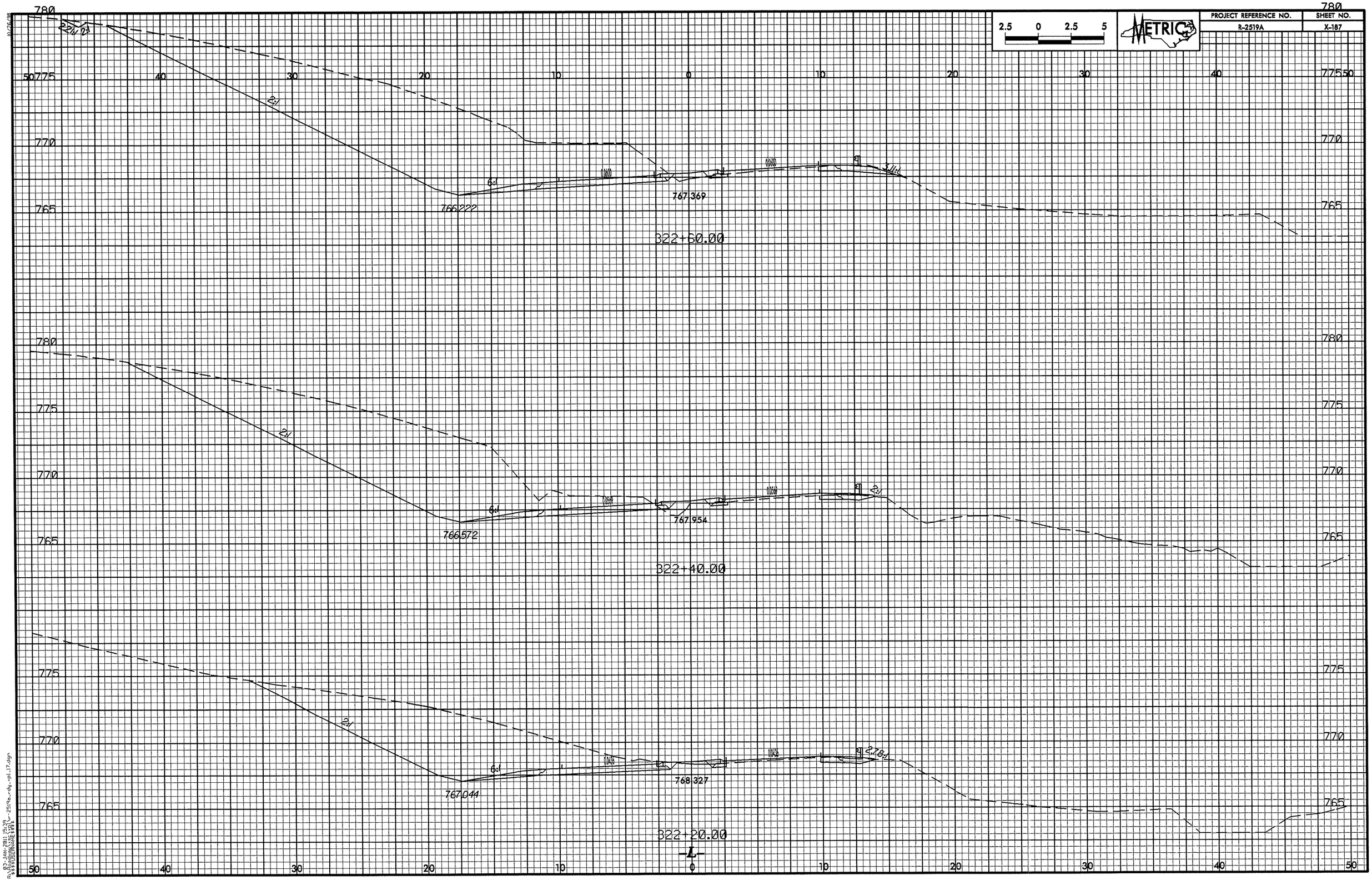
10
20
30
40
50
60
775
770
765
768.441
2.68:1
322+00.00
-L-


PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-187
METRIC
2.5 0 2.5 5
780
775
770
765
50 40 30 20 10 0 10 20 30 40 50
2:1
6:1
767.369
766.222
322+60.00
767.954
766.572
322+40.00
2.78:1
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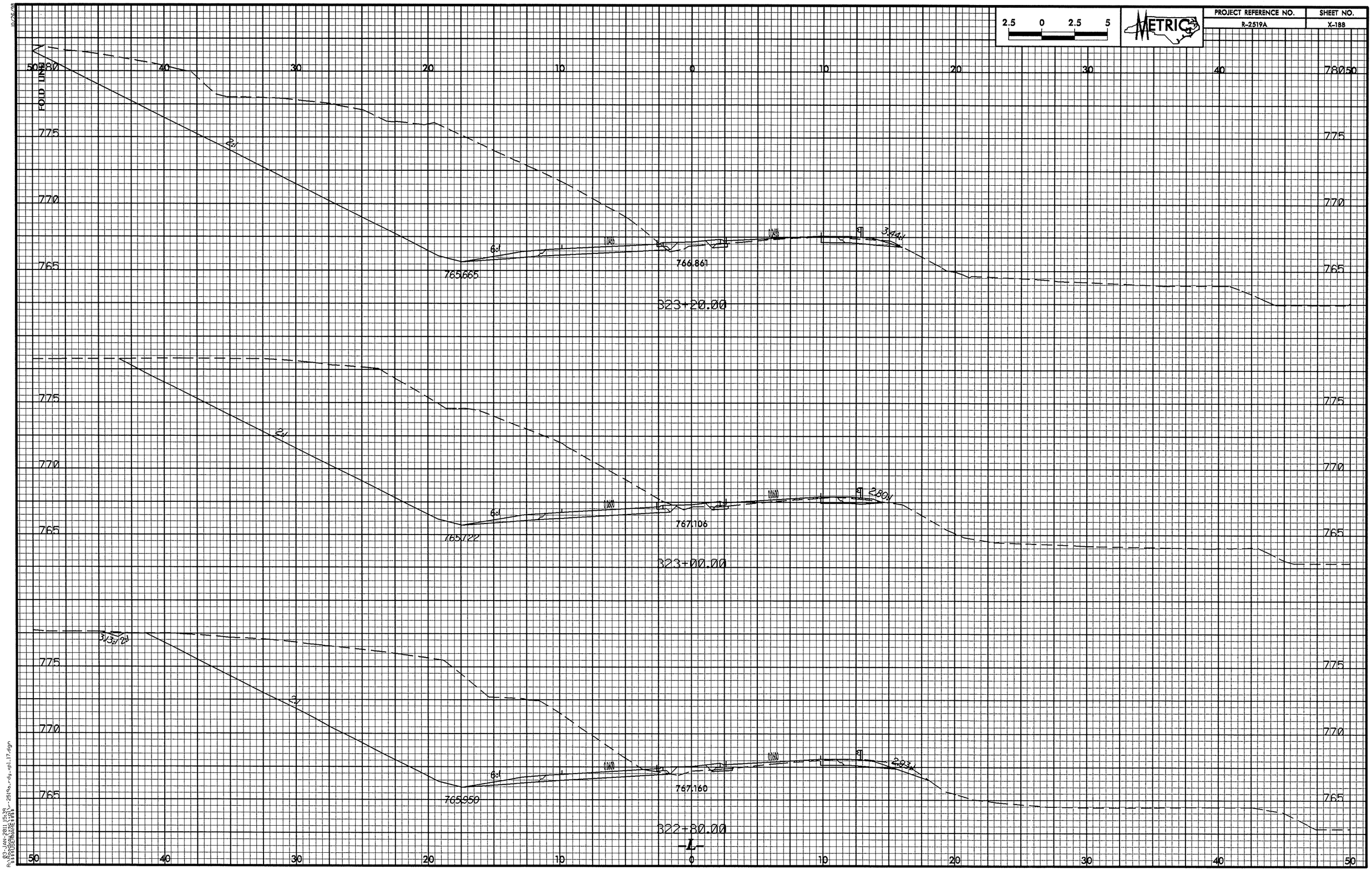
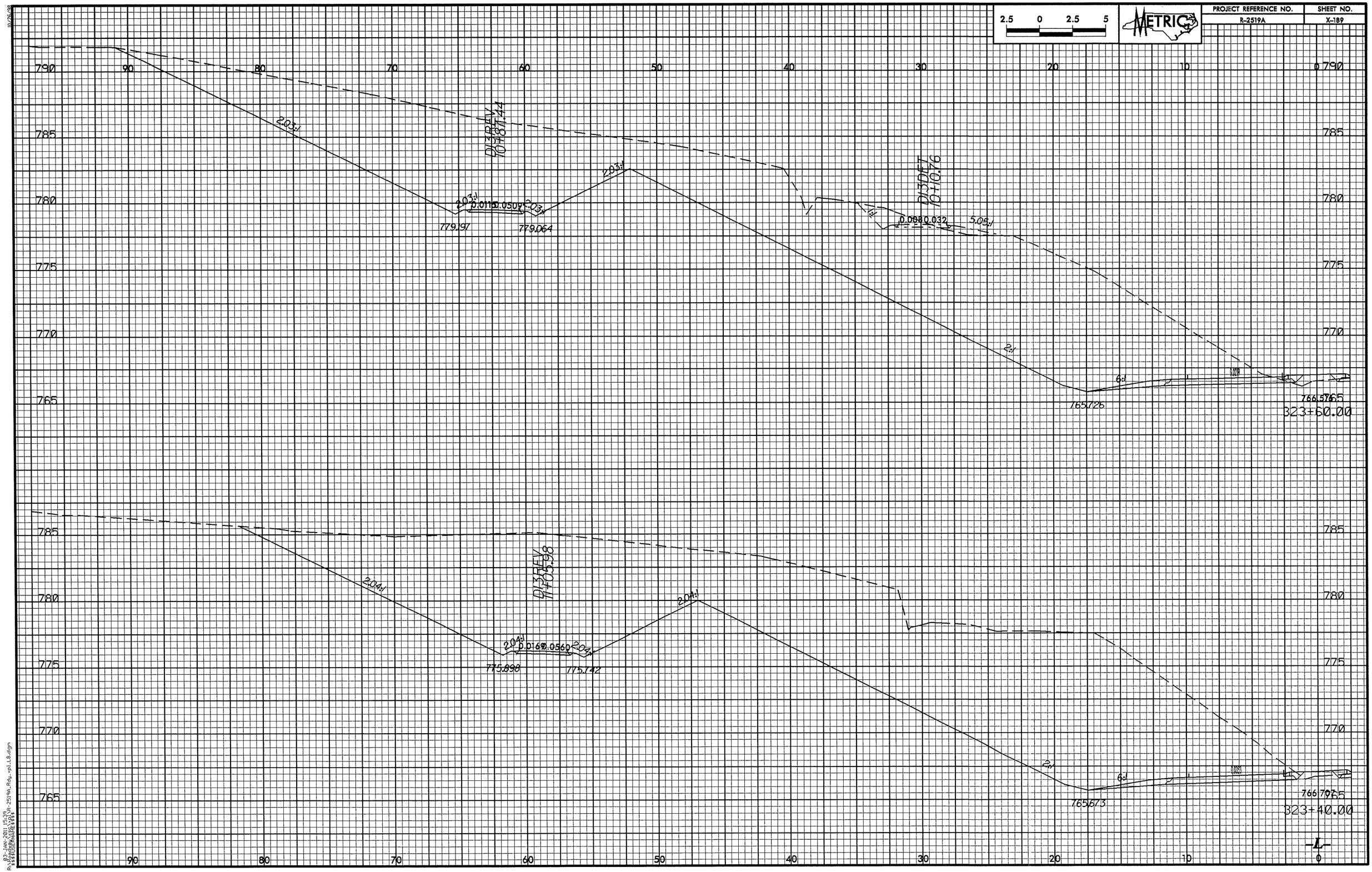
767.044
322+20.00
-L-


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2519A
SHEET NO.
X-188
FOLD LINE
50 40 30 20 10 0 10 20 30 40 50
780
775
770
765
2:1
6:1
765.665
766.867
3.44:1
323+20.00
765.122
767.106
2.80:1
323+00.00
3.33:1
765.950
767.160
2.93:1
322+80.00
-L-



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