PROJECT REFERENCE NO.	SHEET NO.
R-2824	X

CROSS-SECTION INDEX

LINE	SHEET
-L-	X-1 - X-50
-DETOUR-	X-16 - X-24
-Y-	X-51 - X-56
-YA-	X-57 - X-58
-Y2-	X-59
-Y3-	X-60 - X-61
-Y4-	X-62
-Y5-	X-63
-Y6-	X-64
-Y7-	X-65
-Y8-	X-66
-Y9-	X-67 - X-68
-Y9A-	X-69
-Y9B-	X-70
-Y10-	X-71
-Y11-	X-72
-Y11A-	X-73

LINE	SHEET
-Y12-	X-74 - X-80
-Y12A-	X-81 - X-82
-DR1-	X-83 - X-84
-DR2-	X-85
-DR3-	X-86 - X-87
-DR4-	X-88
-DR5-	X-89
-DR7-	X-90 - X-91
-DR8-	X-92
-DR10-	X-93
-DR14-	X-94
-DR15-	X-95
-DR16-	X-96
-DR17-	X-97
-DR18-	X-98
-DR19-	X-99
-DR20-	X-100

Approximate quantities only. Shoulder borrow, fine grading, clearing and grubbing, breaking of existing pavement and removal of existing pavement will be paid for at the contract lump sum price for "Grading".

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJ. REFERENCE NO.	SHEET NO.
R-2824	X-1A

CROSS-SECTION SUMMARY

Station -L- LT.	Uncl. Exc. (cu. meters)	Embt (cu. meters)	Station -L- LT.	Uncl. Exc. (cu. meters)	Embt (cu. meters)	Station -L- LT.	Uncl. Exc. (cu. meters)	Embt (cu. meters)	Station -L- RT.	Uncl. Exc. (cu. meters)	Embt (cu. meters)	Station -L- RT.	Uncl. Exc. (cu. meters)	Embt (cu. meters)	Station -L- RT.	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+05.400	0	0	20+60.000	0	175	31+40.000	6	0	10+60.000	2	7	21+00.000	0	119	31+60.000	0	59
10+20.000	0	65	20+60.880	0	8	31+60.000	4	5	10+80.000	0	11	21+20.000	0	137	31+80.000	0	114
10+40.000	0	83	20+85.020	0	0	31+80.000	1	5	11+00.000	13	5	21+40.000	0	60	32+00.000	0	114
10+60.000	0	61	21+00.000	0	119	32+00.000	3	0	11+20.000	31	0	21+60.000	0	41	32+20.000	0	37
10+80.000	0	63	21+40.000	0	163	32+20.000	4	0	11+40.000	52	0	21+80.000	0	93	32+40.000	10	6
11+00.000	0	209	21+60.000	0	25	32+40.000	1	20	11+60.000	49	0	22+00.000	0	102	32+60.000	22	6
11+20.000	1	340	21+80.000	0	44	32+60.000	1	26	11+80.000	107	0	22+20.000	0	82	32+80.000	18	9
11+40.000	2	276	22+00.000	13	24	32+80.000	26	10	12+00.000	207	0	22+40.000	0	59	33+00.000	13	15
11+60.000	2	130	22+20.000	24	3	33+00.000	26	5	12+20.000	205	0	22+60.000	0	49	33+20.000	12	10
11+80.000	2	100	22+40.000	25	0	33+20.000	61	1	12+40.000	94	0	22+80.000	0	42	33+40.000	25	4
12+00.000	2	87	22+60.000	29	0	33+40.000	159	2	12+60.000	41	0	23+00.000	0	33	33+60.000	30	2
12+20.000	14	5	22+80.000	20	5	33+60.000	163	2	12+80.000	103	0	23+20.000	0	35	33+80.000	15	10
12+40.000	16	0	23+00.000	6	6	33+80.000	77	6	13+00.000	156	0	23+40.000	0	44	34+00.000	4	30
12+60.000	4	37	23+20.000	1	16	34+00.000	24	16	13+20.000	154	0	23+60.000	0	51	34+20.000	0	57
12+80.000	0	42	23+40.000	0	26	34+20.000	25	42	13+40.000	128	0	23+80.000	15	28	34+40.000	0	91
13+00.000	2	7	23+60.000	0	15	34+40.000	23	73	13+60.000	138	0	24+00.000	130	4	34+60.000	0	82
13+20.000	4	5	23+80.000	0	27	34+60.000	22	70	13+80.000	146	1	24+20.000	367	4	34+80.000	7	33
13+40.000	3	16	24+00.000	1	58	34+80.000	16	45	14+00.000	130	1	24+40.000	607	5	35+00.000	23	6
13+60.000	1	33	24+20.000	3	33	35+00.000	12	27	14+20.000	71	3	24+60.000	713	6	35+20.000	41	0
13+80.000	0	40	24+40.000	5	0	35+20.000	9	16	14+40.000	13	62	24+80.000	697	5	35+40.000	25	3
14+00.000	0	27	24+60.000	6	0	35+40.000	54	8	14+60.000	0	130	25+00.000	632	3	35+60.000	1	49
14+20.000	1	11	24+80.000	9	0	35+60.000	111	2	14+80.000	0	131	25+20.000	466	0	35+80.000	0	139
14+40.000	32	6	25+00.000	18	0	35+80.000	77	4	15+00.000	0	90	25+40.000	255	0	36+00.000	0	122
14+60.000	73	5	25+20.000	33	0	36+00.000	57	10	15+20.000	0	70	25+60.000	93	2	36+20.000	0	35
14+80.000	114	4	25+40.000	51	0	36+20.000	191	10	15+40.000	0	202	25+80.000	12	38	36+40.000	1	6
15+00.000	182	1	25+60.000	68	2	36+40.000	374	5	15+60.000	0	313	26+00.000	0	138	36+60.000	2	2
15+20.000	113	0	25+80.000	97	3	36+60.000	440	2	15+80.000	0	206	26+20.000	0	159	36+80.000	2	26
15+40.000	20	1	26+00.000	105	7	36+80.000	358	3	16+00.000	0	100	26+40.000	0	124	37+00.000	0	130
15+60.000	25	3	26+20.000	78	12	37+00.000	197	2	16+20.000	1	60	26+60.000	0	115	37+20.000	0	226
15+80.000	12	5	26+40.000	55	6	37+20.000	112	0	16+40.000	2	22	26+80.000	1	92	37+40.000	0	177
16+00.000	21	7	26+60.000	32	0	37+40.000	108	0	16+60.000	3	7	27+00.000	0	197	37+60.000	0	103
16+20.000	61	10	26+80.000	60	0	37+60.000	101	2	16+80.000	3	3	27+20.000	0	204	37+80.000	0	106
16+40.000	110	11	27+00.000	184	8	37+80.000	73	10	17+00.000	1	5	27+40.000	33	68	38+00.000	0	152
16+60.000	151	5	27+20.000	132	54	38+00.000	44	21	17+20.000	1	4	27+60.000	48	17	38+20.000	6	95
16+80.000	199	4	27+40.000	20	132	38+20.000	41	19	17+40.000	2	1	27+80.000	29	0	38+40.000	63	4
17+00.000	254	4	27+60.000	31	112	38+40.000	26	9	17+60.000	2	14	28+00.000	32	0	38+60.000	95	0
17+20.000	262	2	27+80.000	26	42	38+60.000	9	9	17+80.000	0	101	28+20.000	47	0	38+80.000	100	2
17+40.000	186	5	28+00.000	30	62	38+80.000	4	42	18+00.000	0	110	28+40.000	77	0	39+00.000	136	4
17+60.000	103	4	28+20.000	76	51	39+00.000	0	108	18+20.000	0	34	28+60.000	76	0	39+20.000	137	4
17+80.000	74	1	28+40.000	95	5	39+20.000	0	214	18+40.000	0	33	28+80.000	29	0	39+40.000	89	3
18+00.000	92	0	28+60.000	207	1	39+40.000	0	289	18+60.000	0	55	29+00.000	5	0	39+60.000	46	2
18+20.000	112	0	28+80.000	381	2	39+60.000	0	283	18+80.000	0	38	29+20.000	20	5	39+80.000	59	2
18+40.000	103	0	29+00.000	363	1	39+80.000	0	347	19+00.000	0	8	29+40.000	30	23	40+00.000	61	2
18+60.000	96	1	29+20.000	232	0	40+00.000	0	442	19+20.000	4	3	29+60.000	23	31	40+20.000	41	7
18+80.000	99	4	29+40.000	129	0	40+20.000	0	370	19+40.000	10	0	29+80.000	20	15	40+27.465	15	6
19+00.000	112	3	29+60.000	89	2	40+27.465	0	104	19+60.000	23	1	30+00.000	10	3	**Station**	**Uncl. Exc.**	**Embt**
19+20.000	126	4	29+80.000	61	7				19+80.000	72	1	30+20.000	11	2			
19+40.000	123	9	30+00.000	39	6	**Station**	**Uncl. Exc.**	**Embt**	20+00.000	61	0	30+40.000	25	2	**-Y- LT.**	**(cu. meters)**	**(cu. meters)**
19+60.000	99	8	30+40.000	40	4				20+20.000	15	19	30+60.000	40	7	10+20.000	0	0
19+80.000	57	5	30+60.000	6	2	**-L- RT.**	**(cu. meters)**	**(cu. meters)**	20+40.000	19	72	30+80.000	55	13	10+40.000	0	32
20+00.000	16	21	30+80.000	2	2	10+05.400	0	0	20+60.000	9	138	31+00.000	34	11	10+60.000	0	40
20+20.000	0	72	31+00.000	3	0	10+20.000	6	45	20+60.880	0	7	31+20.000	4	10	10+80.000	0	66
20+40.000	0	131	31+20.000	5	0	10+40.000	6	32	20+85.020	0	0	31+40.000	0	27	11+00.000	1	43

PROJ. REFERENCE NO.	SHEET NO.
R-2824	X-1B

Approximate quantities only. Shoulder borrow, fine grading, clearing and grubbing, breaking of existing pavement and removal of existing pavement will be paid for at the contract lump sum price for "Grading".

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

Station -Y- LT.	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+20.000	5	10
11+40.000	6	21
11+60.000	2	33
11+80.000	0	86
12+00.000	0	91
12+20.000	0	85
12+40.000	1	59
12+60.000	6	55
12+80.000	8	74
13+00.000	8	29
13+20.000	12	10
13+36.710	12	1

Station -Y- RT.	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+20.000	0	0
10+40.000	50	0
10+60.000	59	0
10+80.000	36	5
11+00.000	2	18
11+20.000	0	34
11+40.000	0	24
11+60.000	0	59
11+80.000	0	90
12+00.000	3	44
12+20.000	9	25
12+40.000	10	51
12+60.000	6	96
12+80.000	4	94
13+00.000	10	34
13+20.000	21	0
13+36.710	22	0

Station -YA-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+19.000	0	0
10+40.000	3	14
10+60.000	4	25
10+80.000	2	25
11+03.260	2	31

Station -Y2-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+05.400	0	0
10+10.000	2	9
10+20.000	2	10

Station -Y3-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+03.630	0	0
10+20.000	418	0
10+40.000	416	0
10+60.000	243	0
10+80.000	119	0
10+87.630	14	0

Station -Y4-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+40.000	0	0
10+60.000	30	1
10+80.000	11	35
10+90.780	0	36

Station -Y5-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+00.000	0	0
11+20.000	244	0
11+40.000	461	1
11+52.250	266	1

Station -Y6-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
11+00.180	0	0
11+20.000	4	21
11+40.000	4	137
11+49.199	0	107

Station -Y7-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+03.600	0	0
10+20.000	0	35
10+40.000	3	22
10+50.000	2	0

Station -Y8-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+18.000	0	0
10+20.000	0	20
10+40.000	34	203
10+47.400	25	3

Station -Y9-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+10.000	0	0
10+20.000	0	0
10+40.000	0	0
10+60.000	217	3
10+80.000	387	8
11+00.000	335	24
11+03.165	53	6

Station -Y9A-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+20.000	11	1
10+21.429	2	0

Station -Y9B-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+20.000	19	0
10+25.748	11	0

Station -Y10-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+03.840	0	0
10+20.000	10	26
10+40.000	12	21
10+60.000	21	5

Station -Y11-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+96.780	0	0
11+00.000	13	0
11+20.000	140	1
11+24.780	28	0

Station -Y11A-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+20.000	5	24
10+20.813	0	2

Station -Y12- LT.	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+80.000	0	0
11+00.000	8	5
11+20.000	6	7
11+40.000	4	9
11+60.000	4	6
11+80.000	6	2
12+00.000	6	2
12+20.000	3	4
12+40.000	1	9
12+60.000	0	15
12+80.000	0	27
13+00.000	0	42
13+60.000	0	98
13+80.000	0	12
14+00.000	0	10
14+20.000	1	7
14+40.000	4	3
14+60.000	6	1

Station -Y12- RT.	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+80.000	0	0
11+00.000	66	0
11+20.000	66	0
11+40.000	71	0
11+60.000	44	1
11+80.000	13	12
12+00.000	12	30
12+20.000	5	60
12+40.000	7	41
12+60.000	10	0
12+80.000	9	13
13+00.000	11	63
13+20.000	13	58
13+40.000	71	11
13+60.000	169	6
13+80.000	187	5
14+00.000	128	1
14+20.000	82	0
14+40.000	39	0
14+60.000	10	1

Station -Y12A-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+03.600	0	0
10+20.000	22	53
10+40.000	96	50
10+60.000	117	26
10+71.961	21	5

Station -DR1-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+10.000	9	0
10+20.000	9	8
10+30.000	0	78
10+40.000	0	172
10+42.939	0	59

Station -DR2-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+10.000	2	1
10+20.000	3	11
10+30.000	1	61
10+35.196	0	52

Station -DR3-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+20.000	0	16
10+30.000	0	19
10+41.780	0	26

Station -DR4-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+12.000	0	0
10+15.000	2	0
10+18.500	4	0

Station -DR5-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+03.600	0	0
10+10.000	0	8
10+17.457	0	5

Station -DR7-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+10.000	9	0
10+20.000	14	0
10+30.000	5	3
10+36.323	0	4

Station -DR8-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+03.601	0	0
10+10.000	1	0
10+20.000	7	0
10+30.200	6	0

Station -DR10-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+03.600	0	0
10+10.000	0	2
10+25.570	0	2

Station -DR14-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+03.600	0	0
10+10.000	0	34
10+20.000	0	42
10+30.000	2	17
10+38.000	2	1

Station -DR15-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+10.000	0	19
10+20.000	0	93
10+30.000	0	135
10+33.686	0	45

Station -DR16-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+10.000	0	3
10+17.222	0	4

Station -DR17-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+10.000	3	1
10+20.000	3	7
10+20.367	0	0

Station -DR18-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+10.000	0	18
10+20.000	0	53
10+20.210	0	2

Station -DR19-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+10.000	74	0
10+22.330	182	0

Station -DR20-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+10.000	57	0
10+16.129	70	0

Approximate quantities only. Shoulder borrow, fine grading, clearing and grubbing, breaking of existing pavement and removal of existing pavement will be paid for at the contract lump sum price for "Grading".

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

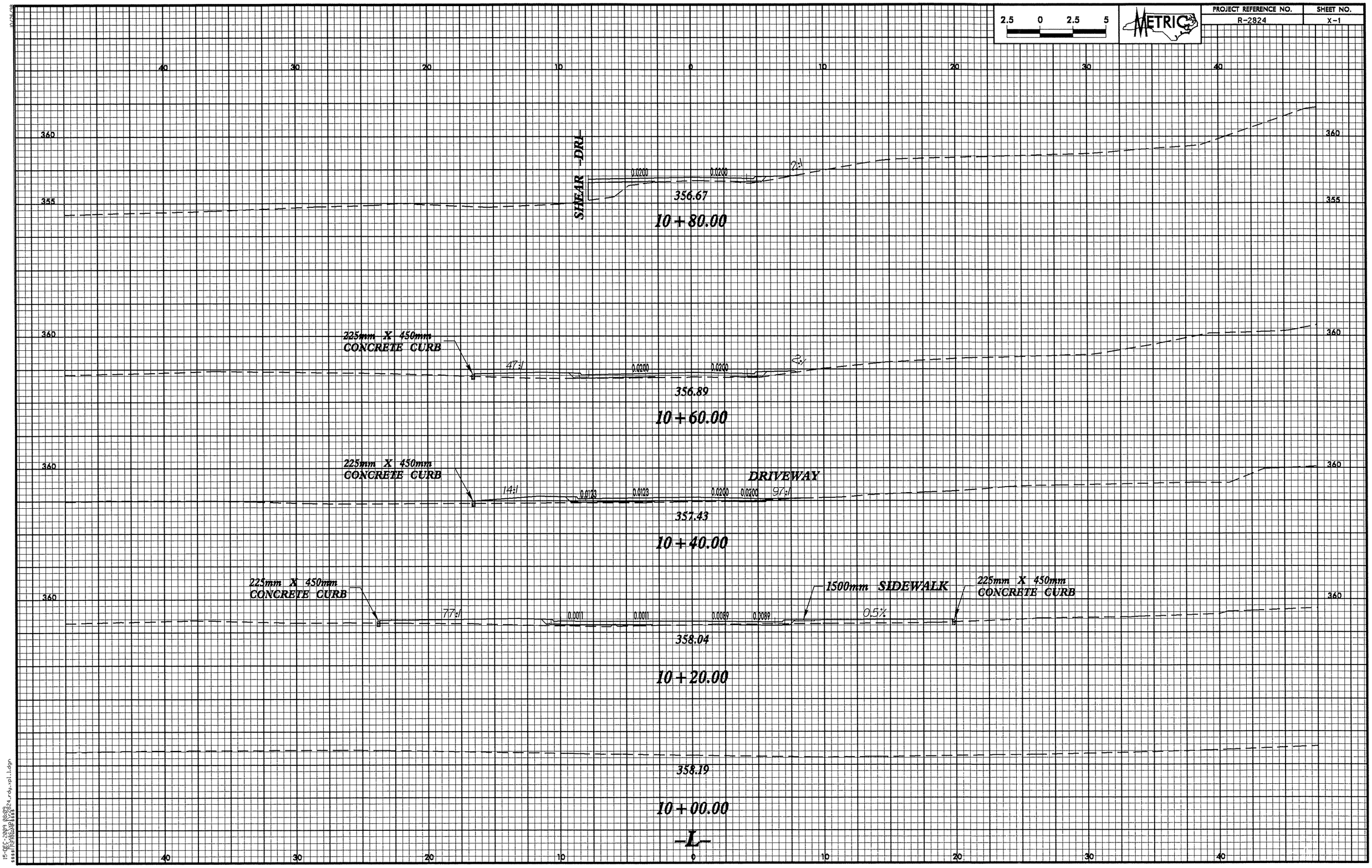
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

PROJ. REFERENCE NO.	SHEET NO.
R-2824	X-1C

Station -DETOUR-	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+00.000	0	0
10+12.901	17	0
10+33.034	95	1
10+53.487	180	1
10+74.467	154	5
10+96.199	42	154
11+12.740	0	248
11+39.140	0	0
11+57.694	0	233
11+77.695	36	126
11+97.696	37	56
12+17.696	0	125
12+37.697	59	127
12+56.861	98	83
12+75.865	97	41
12+95.018	189	15
13+14.399	331	0
13+34.030	381	0
13+53.810	335	0
13+73.730	297	0
13+93.941	216	0
14+14.044	103	11
14+34.071	32	13
14+54.073	2	13

Station -DET- REMOVAL	Uncl. Exc. (cu. meters)	Embt (cu. meters)
10+74.467	0	0
10+96.199	163	0
11+12.740	248	0
11+39.140	0	0
11+57.694	233	0
11+77.695	126	0
11+97.696	56	0
12+17.696	125	0
12+37.697	127	0
12+56.861	80	0
12+75.865	39	23
12+95.018	15	46

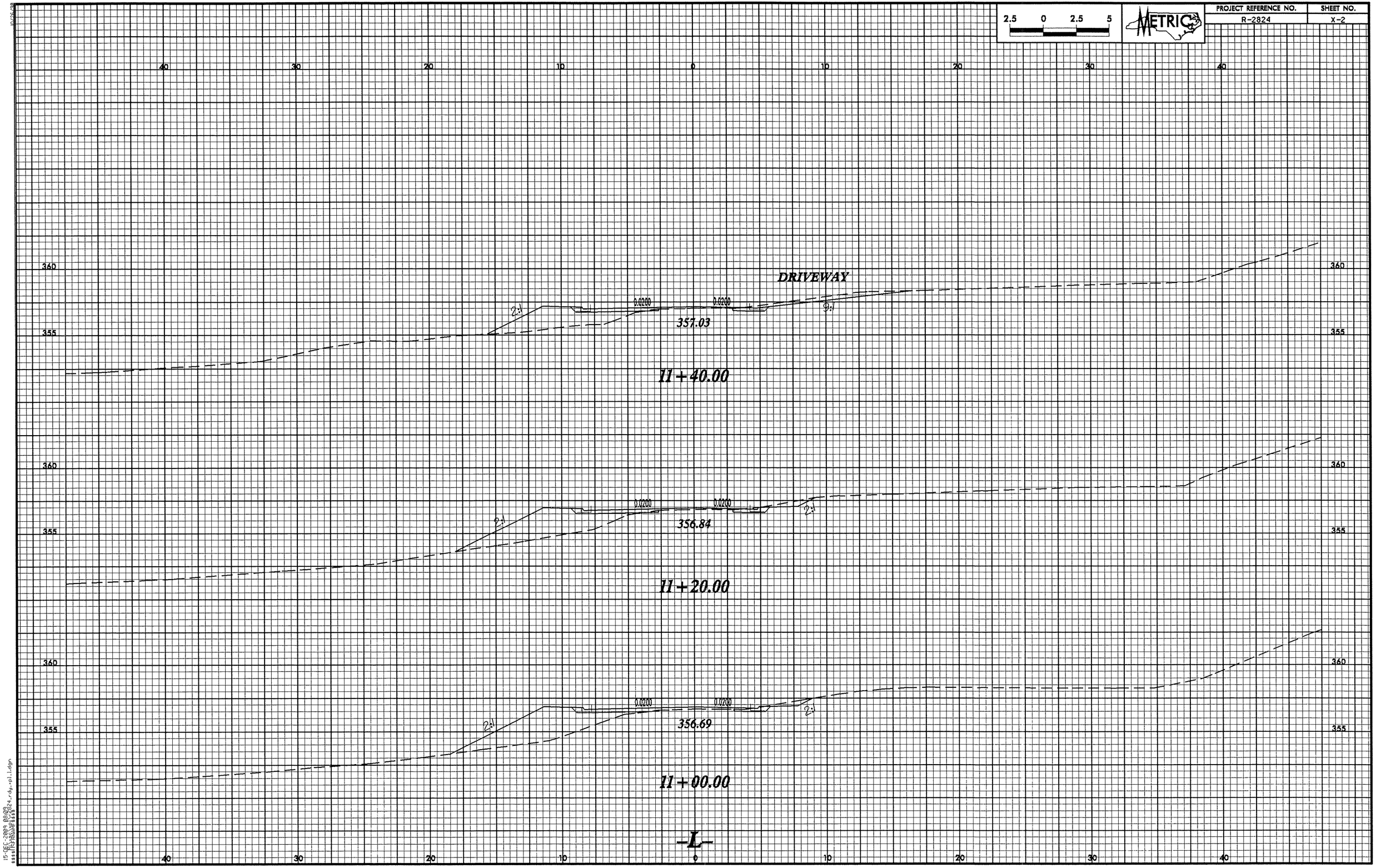


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-1
40 30 20 10 0 10 20 30 40
360
355
SHEAR -DRI-
0.0200
0.0200
2:1
356.67
10+80.00
225mm X 450mm
CONCRETE CURB
47:1
0.0200
0.0200
2:1
356.89
10+60.00
225mm X 450mm
CONCRETE CURB
DRIVEWAY
14:1
0.0123
0.0123
0.0200
0.0200
97:1
357.43
10+40.00
225mm X 450mm
CONCRETE CURB
77:1
0.0011
0.0011
0.0089
0.0089
1500mm SIDEWALK
0.5%
225mm X 450mm
CONCRETE CURB
358.04
10+20.00
358.19
10+00.00
-L-

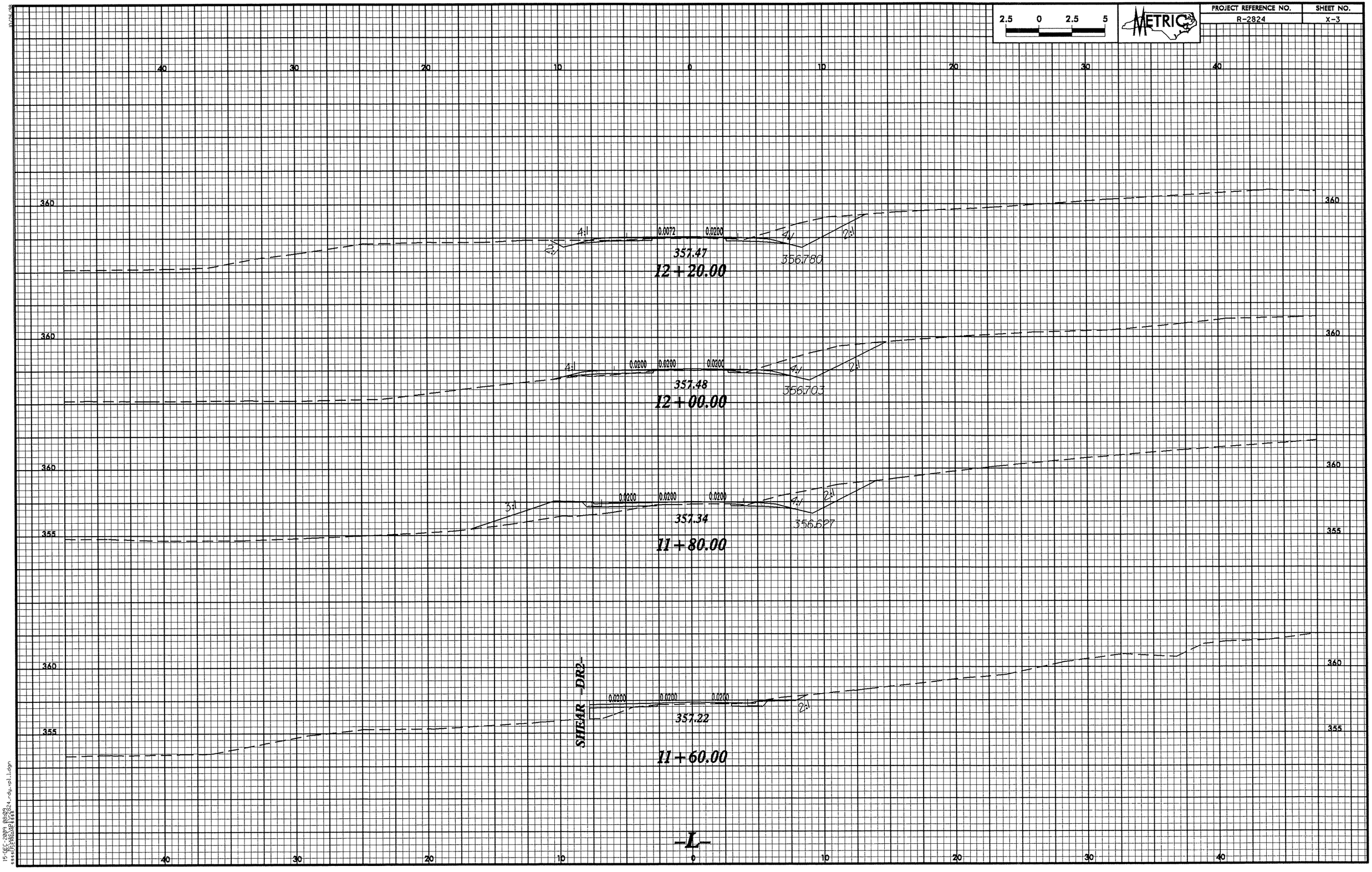
PROJECT REFERENCE NO.	SHEET NO.
R-2824	X-2

2.5 0 2.5 5

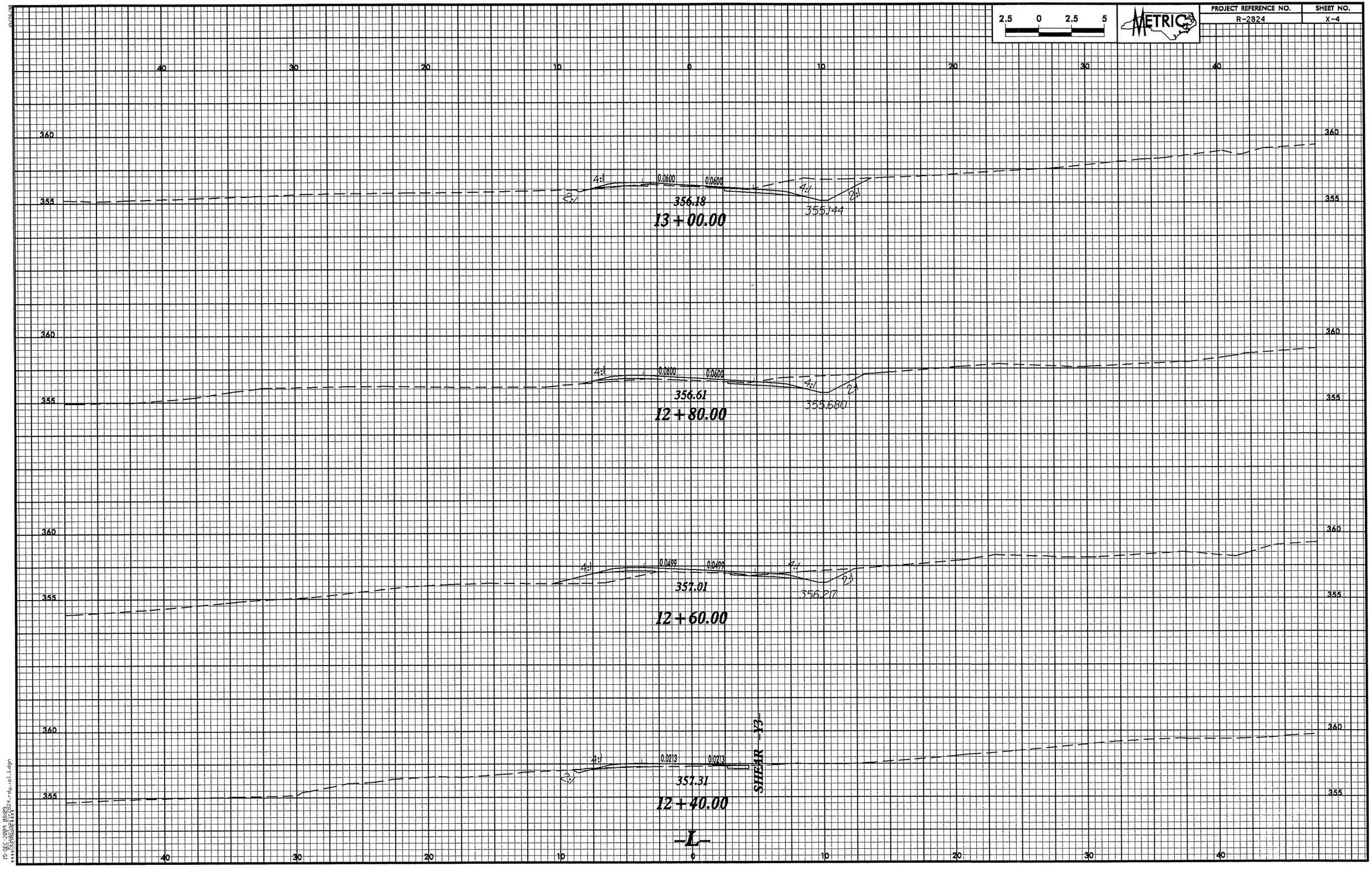
METRIC



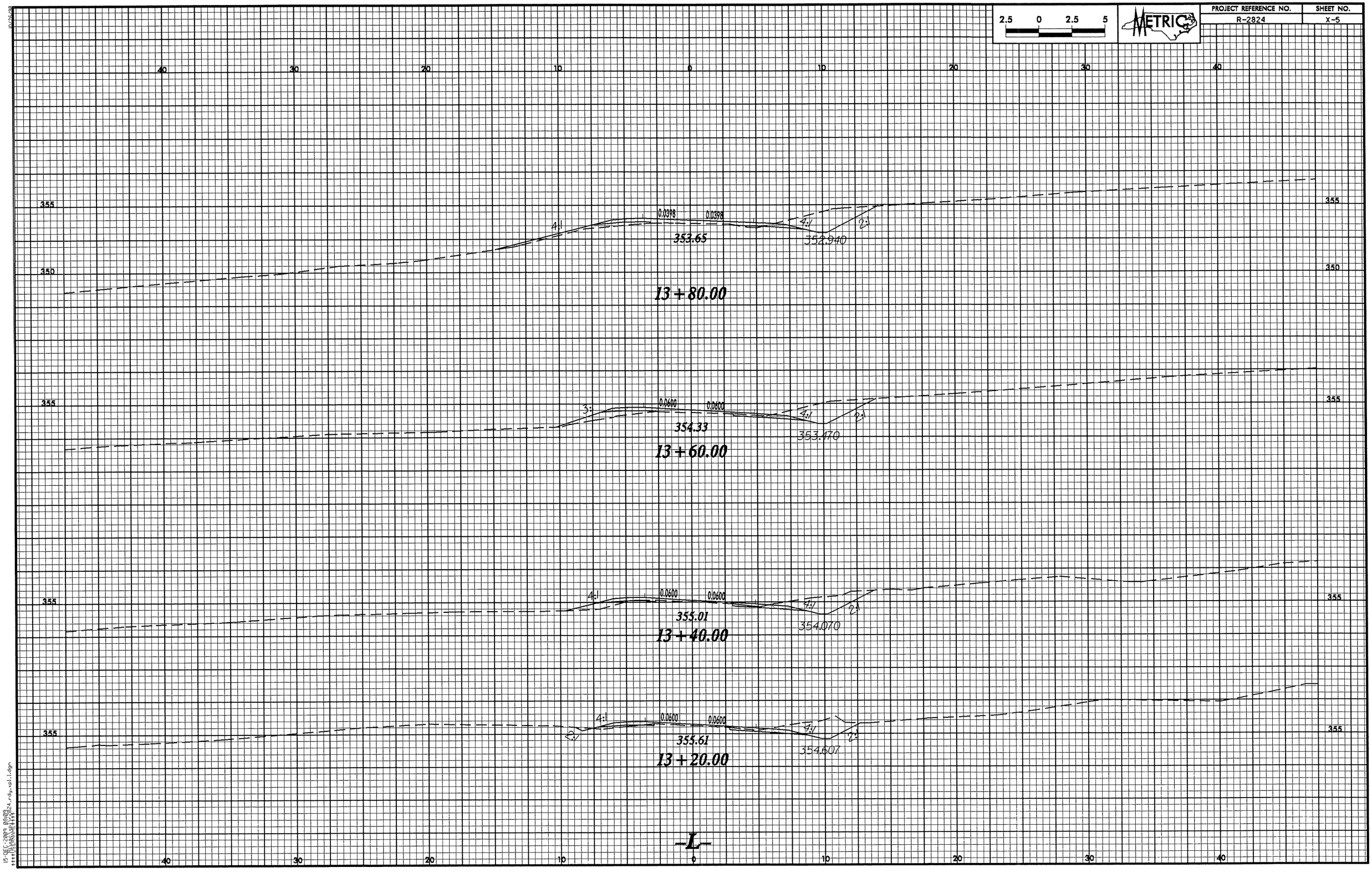
10/26/98
15-DEC-2009 08:09
$$$$USER$$$$
R2824_rdy_pl1.dgn



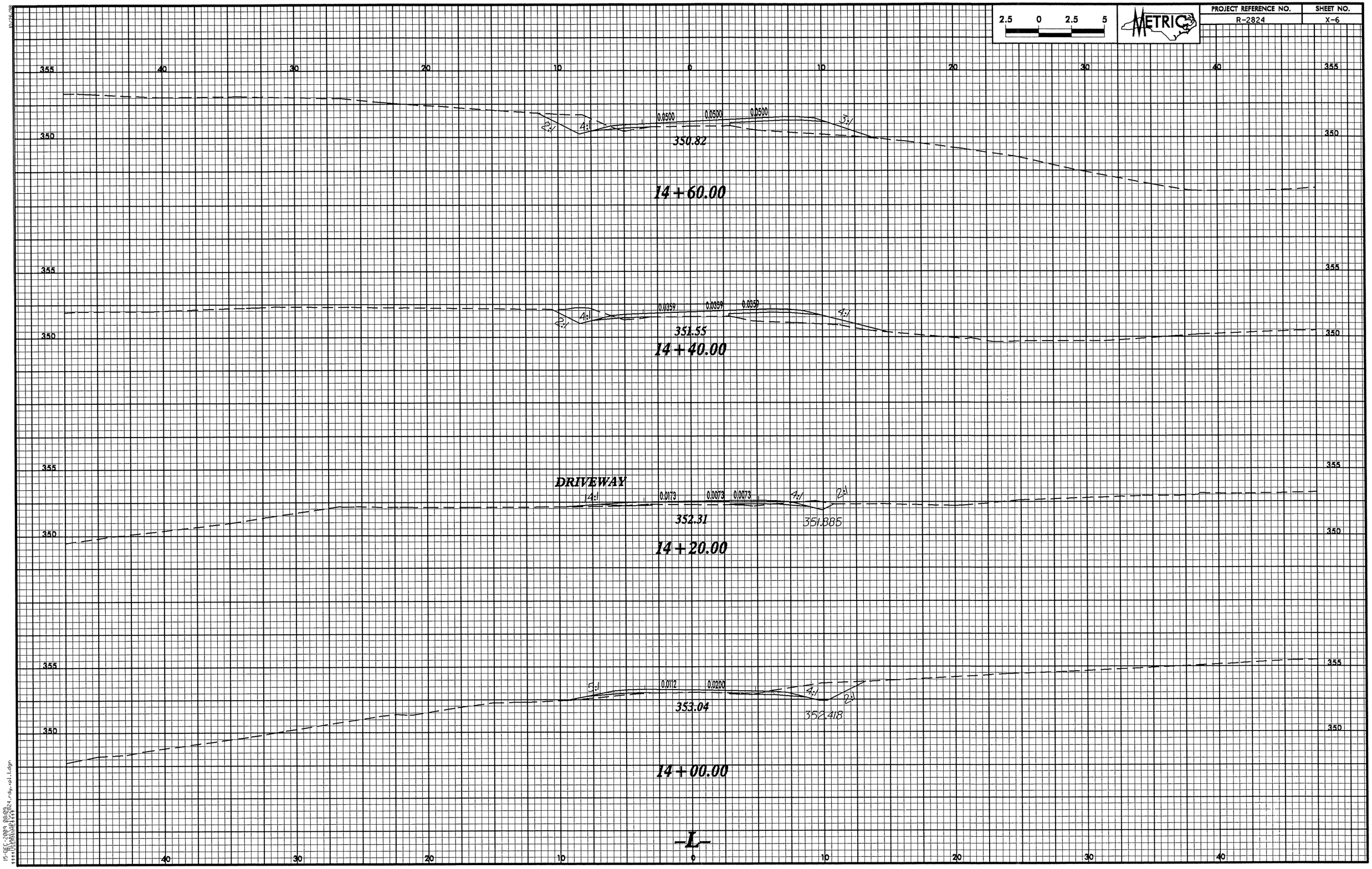
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-3
40 30 20 10 0 10 20 30 40
360
355
4:1
2:1
0.0072
0.0200
357.47
356.780
12+20.00
0.0200
357.48
356.703
12+00.00
3:1
357.34
356.627
11+80.00
SHEAR -DR2-
357.22
11+60.00
-L-



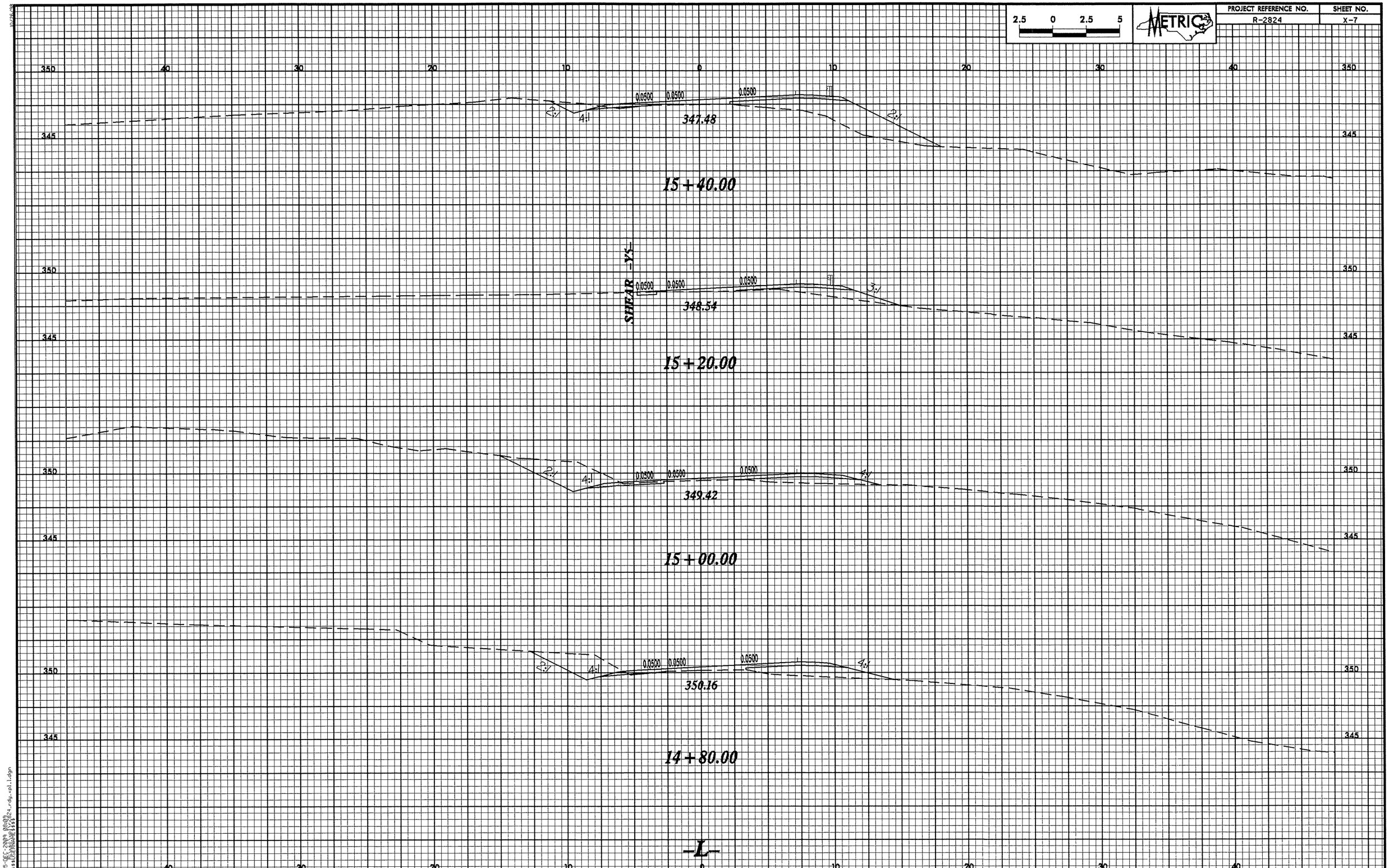
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-4
40 30 20 10 0 10 20 30 40
360
355
4:1
0.0600
0.0600
2:1
356.18
13+00.00
355.144
356.61
12+80.00
355.680
0.0499
357.01
12+60.00
356.217
0.0213
357.31
12+40.00
SHEAR -Y3-
-L-



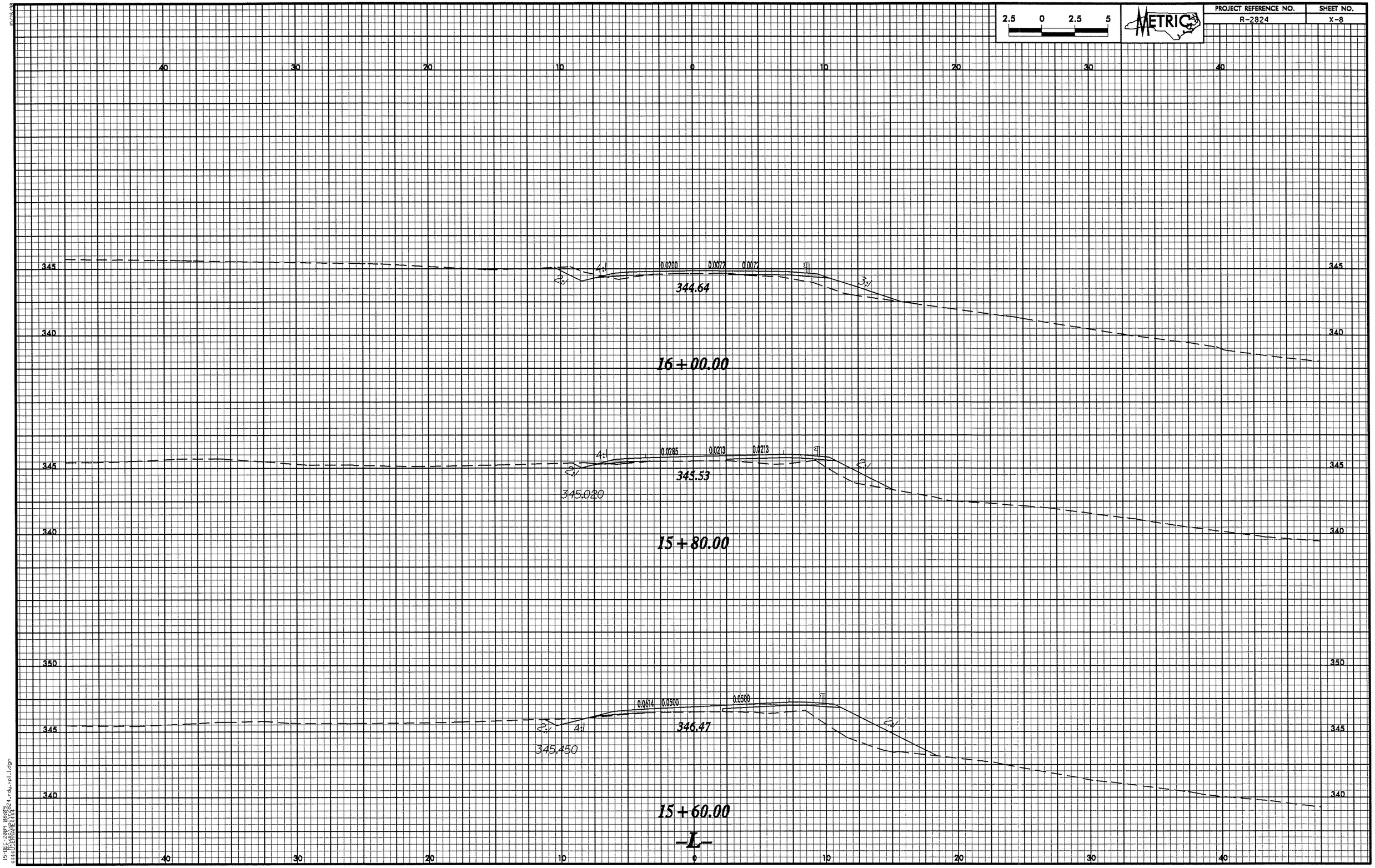
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-5
40 30 20 10 0 10 20 30 40
355
350
0.0398
0.0398
4:1
4:1
2:1
353.65
352.940
13 + 80.00
0.0600
0.0600
3:1
4:1
2:1
354.33
353.470
13 + 60.00
0.0600
0.0600
4:1
4:1
2:1
355.01
354.070
13 + 40.00
0.0600
0.0600
4:1
4:1
2:1
2:1
355.61
354.607
13 + 20.00
-L-



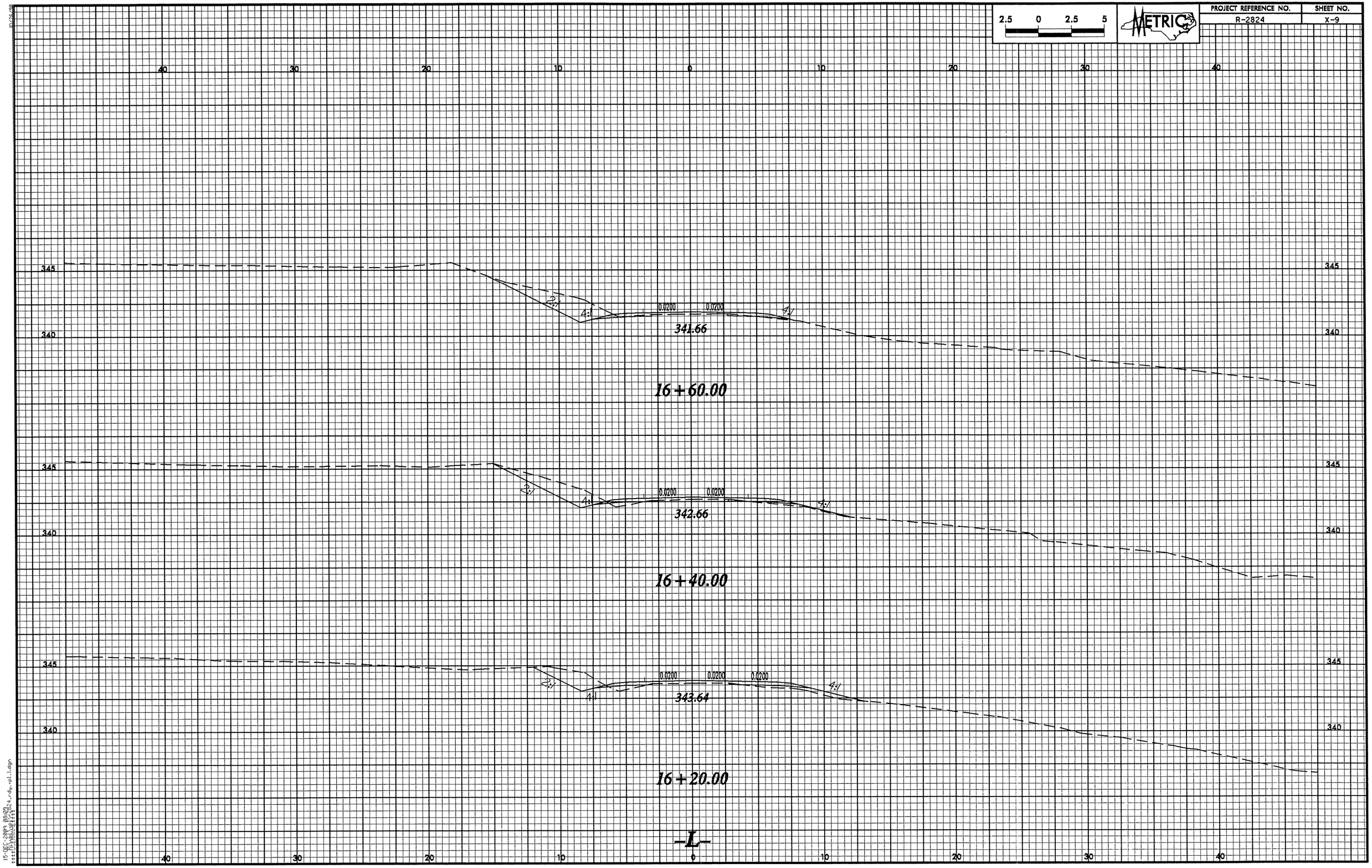
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-6
355
350
40
30
20
10
0
10
20
30
40
0.0500
0.0500
0.0500
2:1
4:1
3:1
350.82
14+60.00
0.0359
0.0359
0.0359
2:1
4:1
4:1
351.55
14+40.00
DRIVEWAY
4:1
0.0173
0.0073
0.0073
4:1
2:1
352.31
351.885
14+20.00
5:1
0.0112
0.0200
4:1
2:1
353.04
352.418
14+00.00
-L-



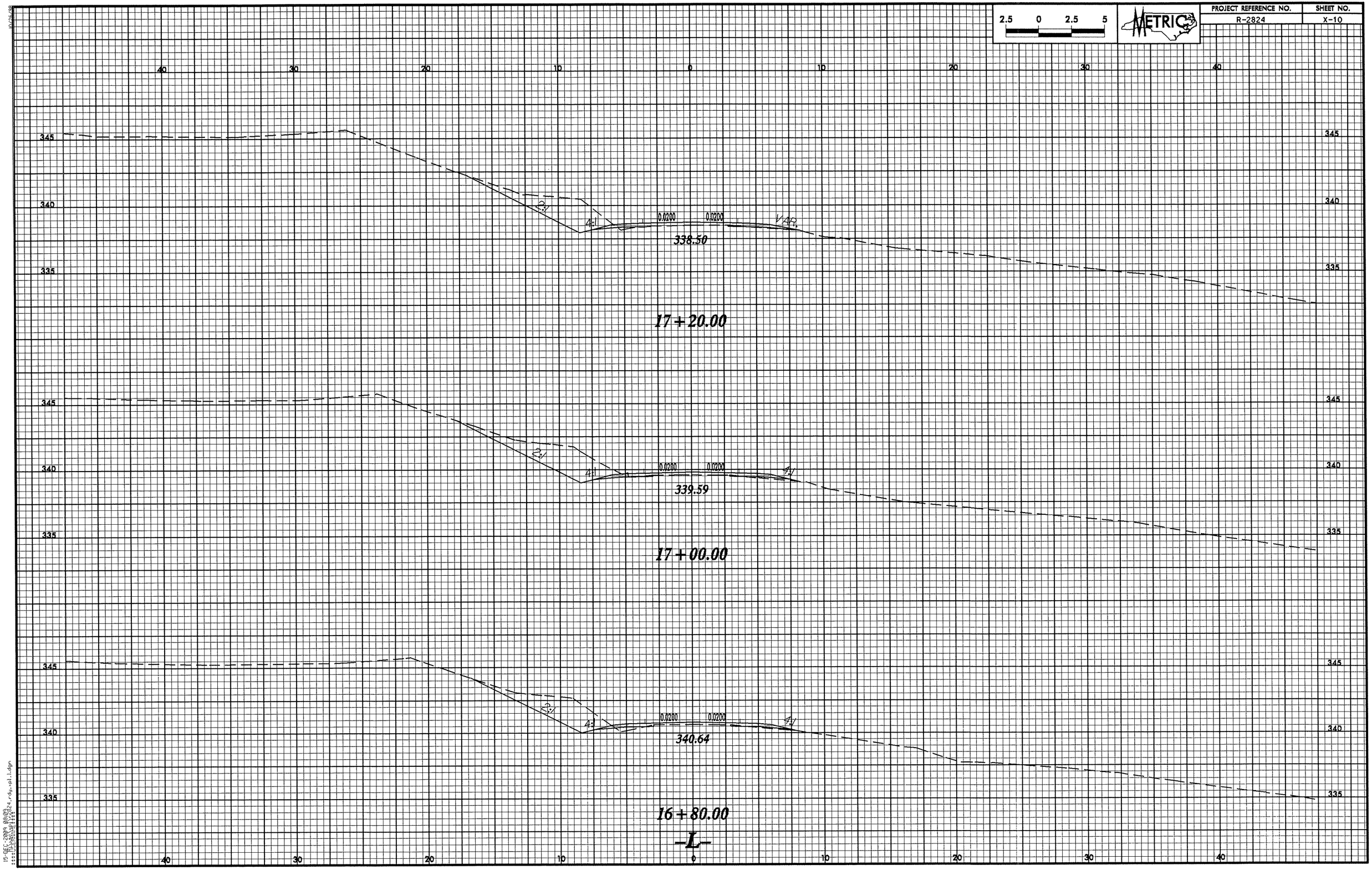
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-7
350
345
40
30
20
10
0
10
20
30
40
0.0500
0.0500
0.0500
2:1
4:1
347.48
15+40.00
SHEAR -YS-
348.54
3:1
15+20.00
349.42
15+00.00
350.16
14+80.00
-L-



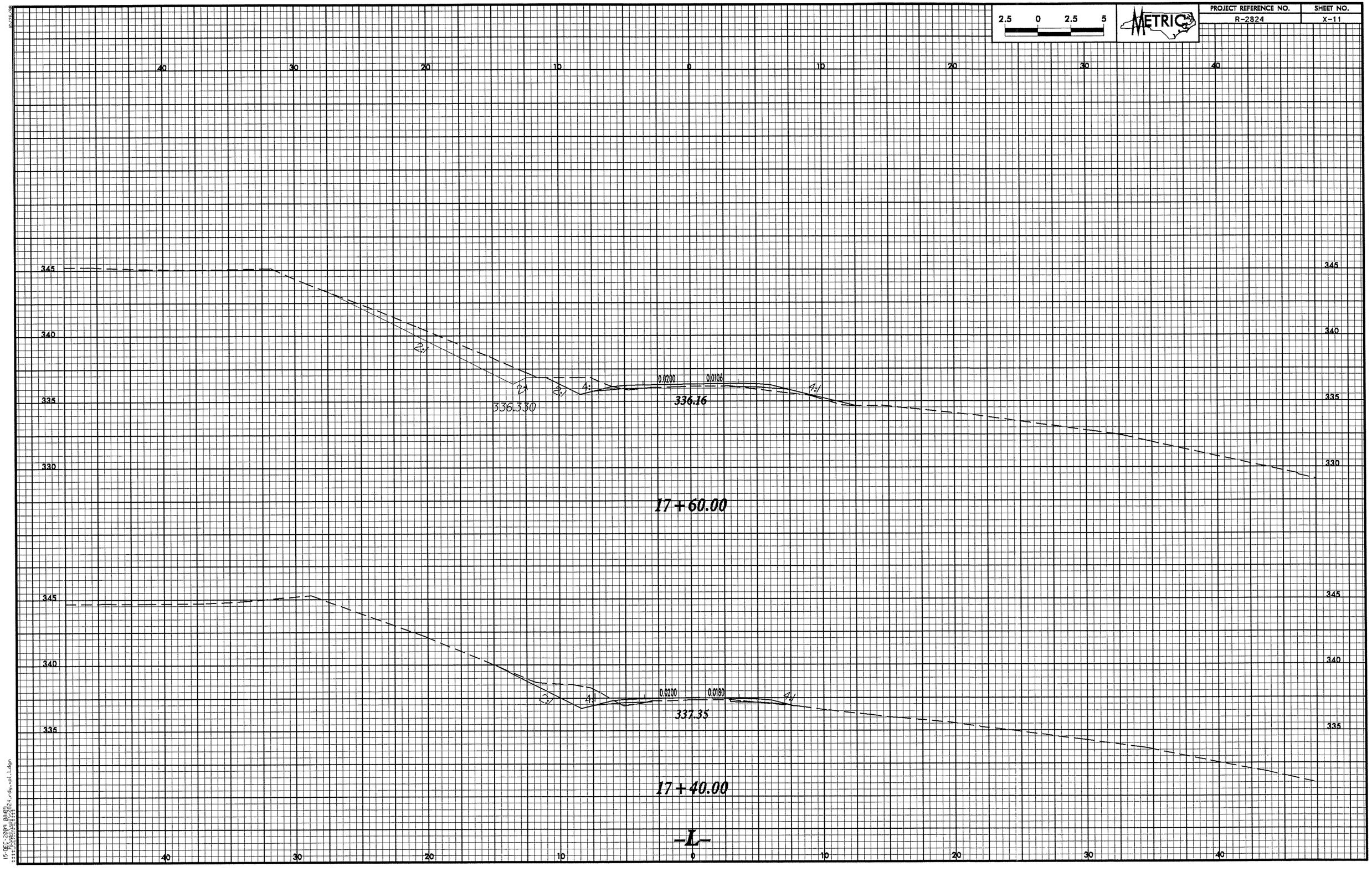
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-8
40 30 20 10 0 10 20 30 40
345
340
4:1
2:1
0.0200
0.0072
0.0072
3:1
344.64
16+00.00
0.0285
0.0213
0.0213
345.53
345.020
15+80.00
350
0.0614
0.0500
0.0500
346.47
345.450
15+60.00
-L-



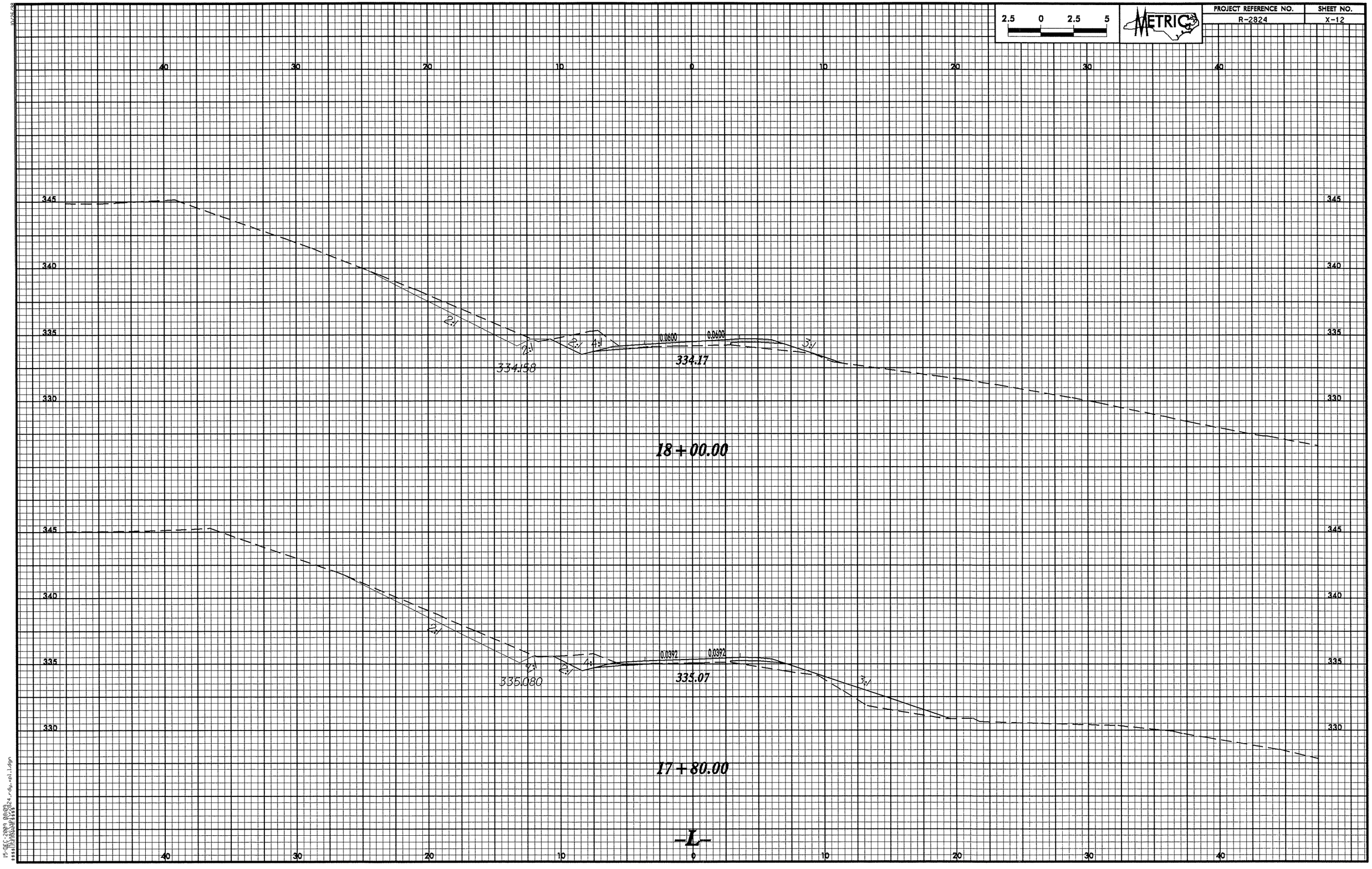
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-9
40 30 20 10 0 10 20 30 40
345
340
2:1
4:1
0.0200
0.0200
341.66
16+60.00
342.66
16+40.00
343.64
16+20.00
-L-



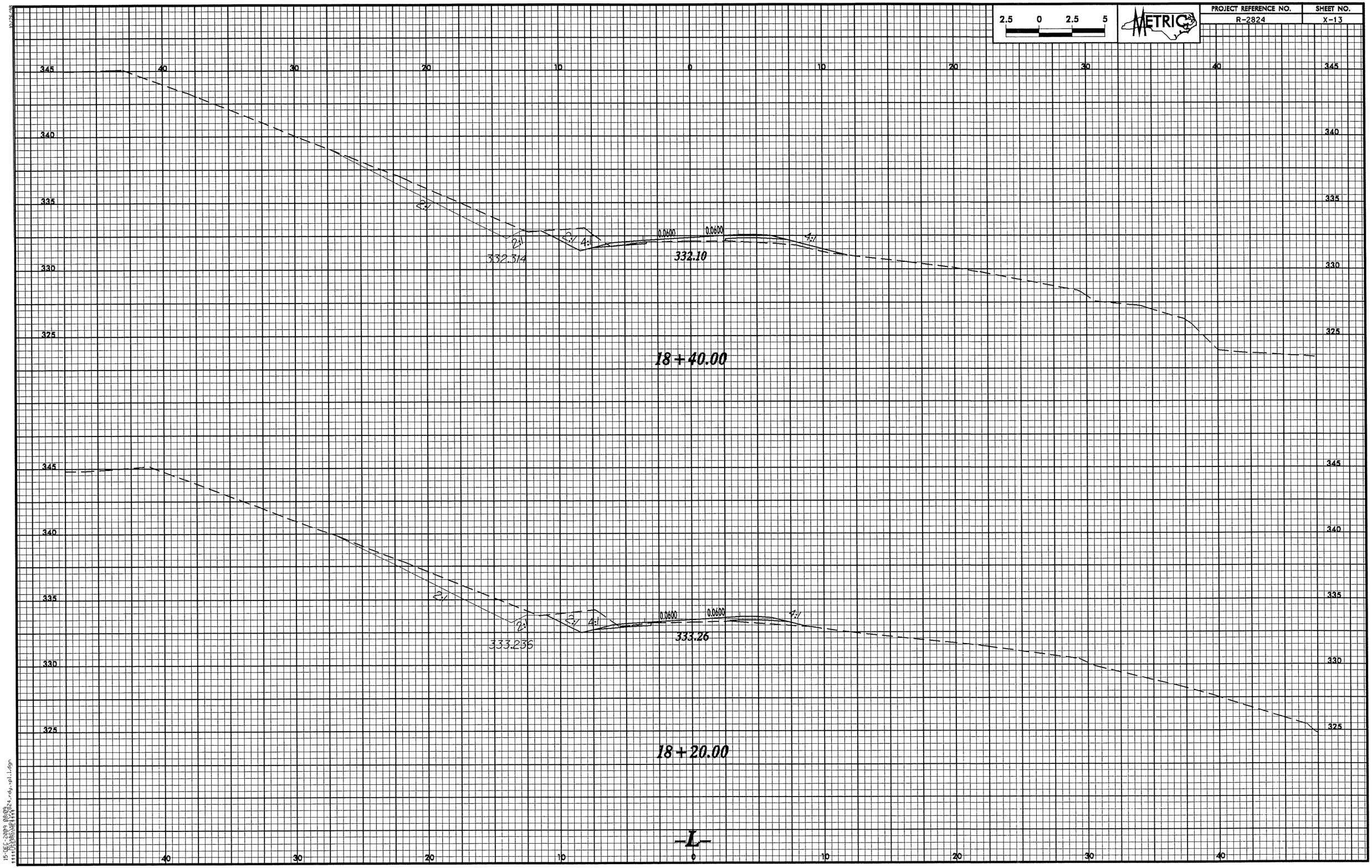
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-10
40 30 20 10 0 10 20 30 40
345
340
335
2:1
4:1
0.0200
0.0200
VAR.
338.50
17+20.00
339.59
17+00.00
340.64
16+80.00
-L-



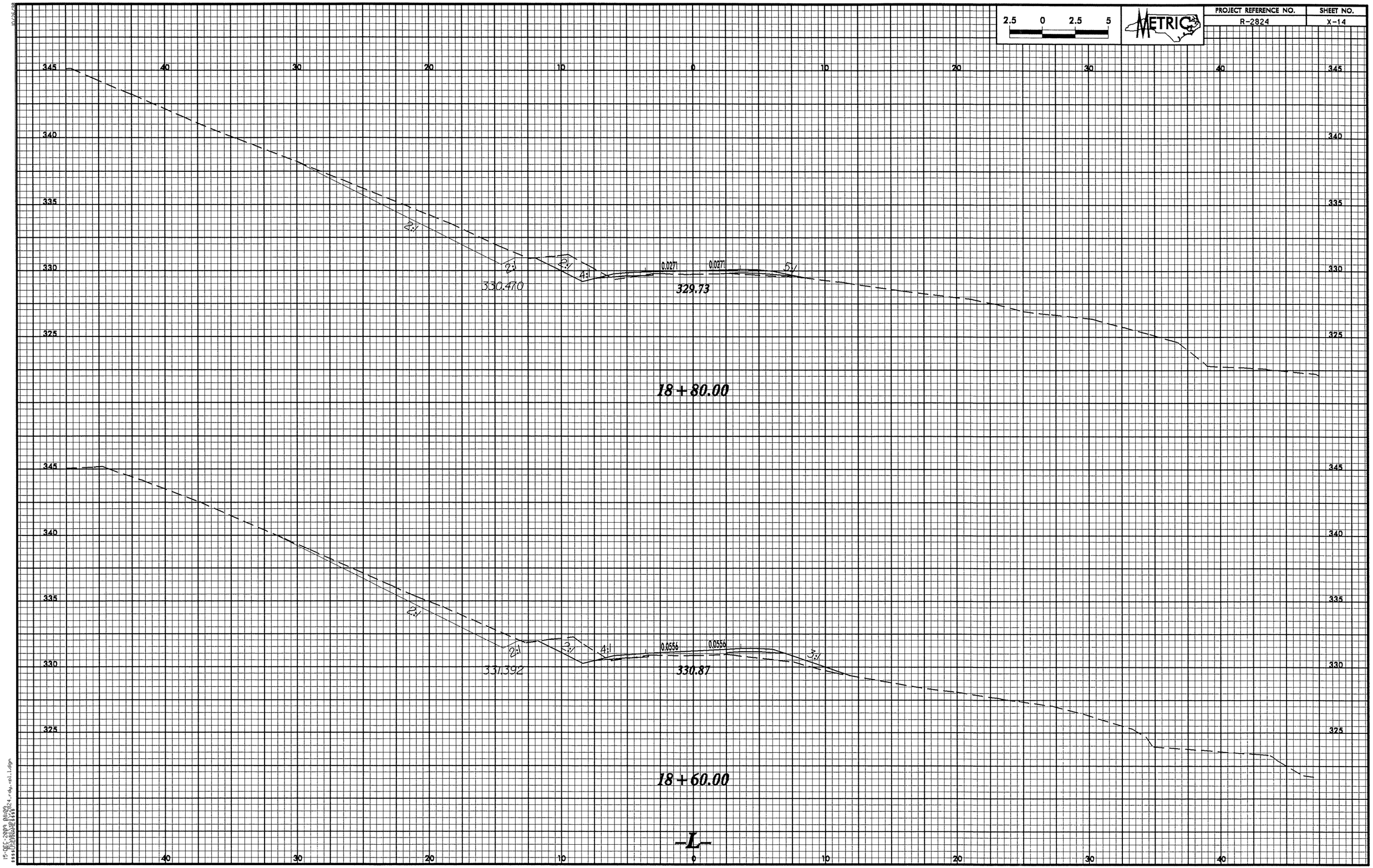
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-11
40 30 20 10 0 10 20 30 40
345
340
335
330
2:1
2:1
2:1
4:1
4:1
0.0200
0.0106
336.330
336.16
17+60.00
0.0200
0.0180
337.35
17+40.00
-L-



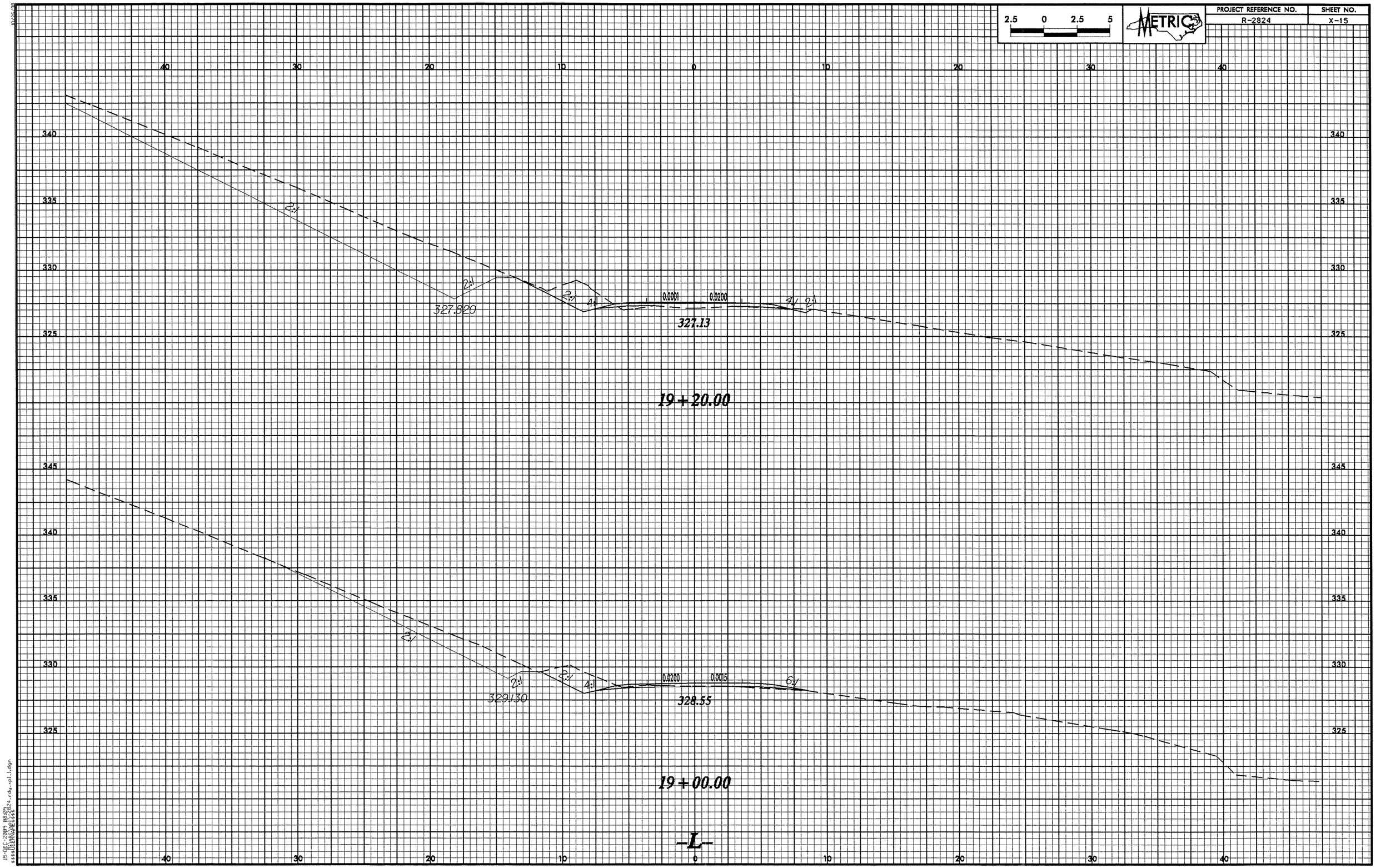
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-12
40 30 20 10 0 10 20 30 40
345
340
335
330
2:1
2:1
2:1
4:1
0.0600
0.0600
3:1
334.158
334.17
18+00.00
2:1
2:1
2:1
4:1
0.0392
0.0392
3:1
335.080
335.07
17+80.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-13
345
340
335
330
325
40
30
20
10
0
10
20
30
40
2:1
2:1
2:1
4:1
0.0600
0.0600
4:1
332.314
332.10
18+40.00
2:1
2:1
2:1
4:1
0.0600
0.0600
4:1
333.236
333.26
18+20.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-14
345
340
335
330
325
40
30
20
10
0
10
20
30
40
2:1
2:1
2:1
4:1
0.0271
0.0271
5:1
330.470
329.73
18 + 80.00
2:1
2:1
2:1
4:1
0.0556
0.0556
3:1
331.392
330.87
18 + 60.00
-L-

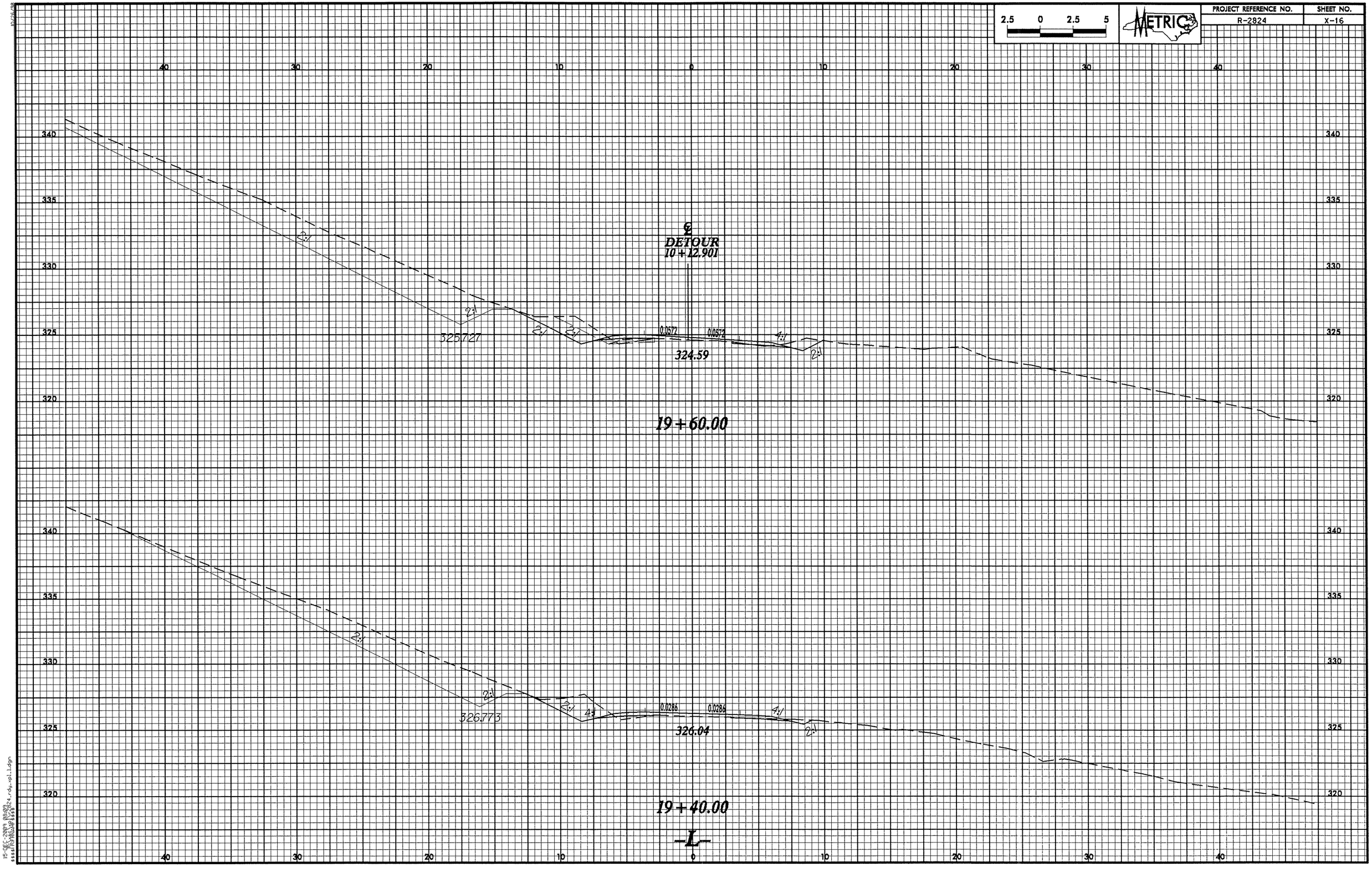


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-15
40 30 20 10 0 10 20 30 40
340 335 330 325
2:1
2:1
4:1
0.0001
0.0200
4:1
2:1
327.820
327.13
19+20.00
345 340 335 330 325
2:1
2:1
2:1
4:1
0.0200
0.0015
6:1
329.130
328.55
19+00.00
-L-

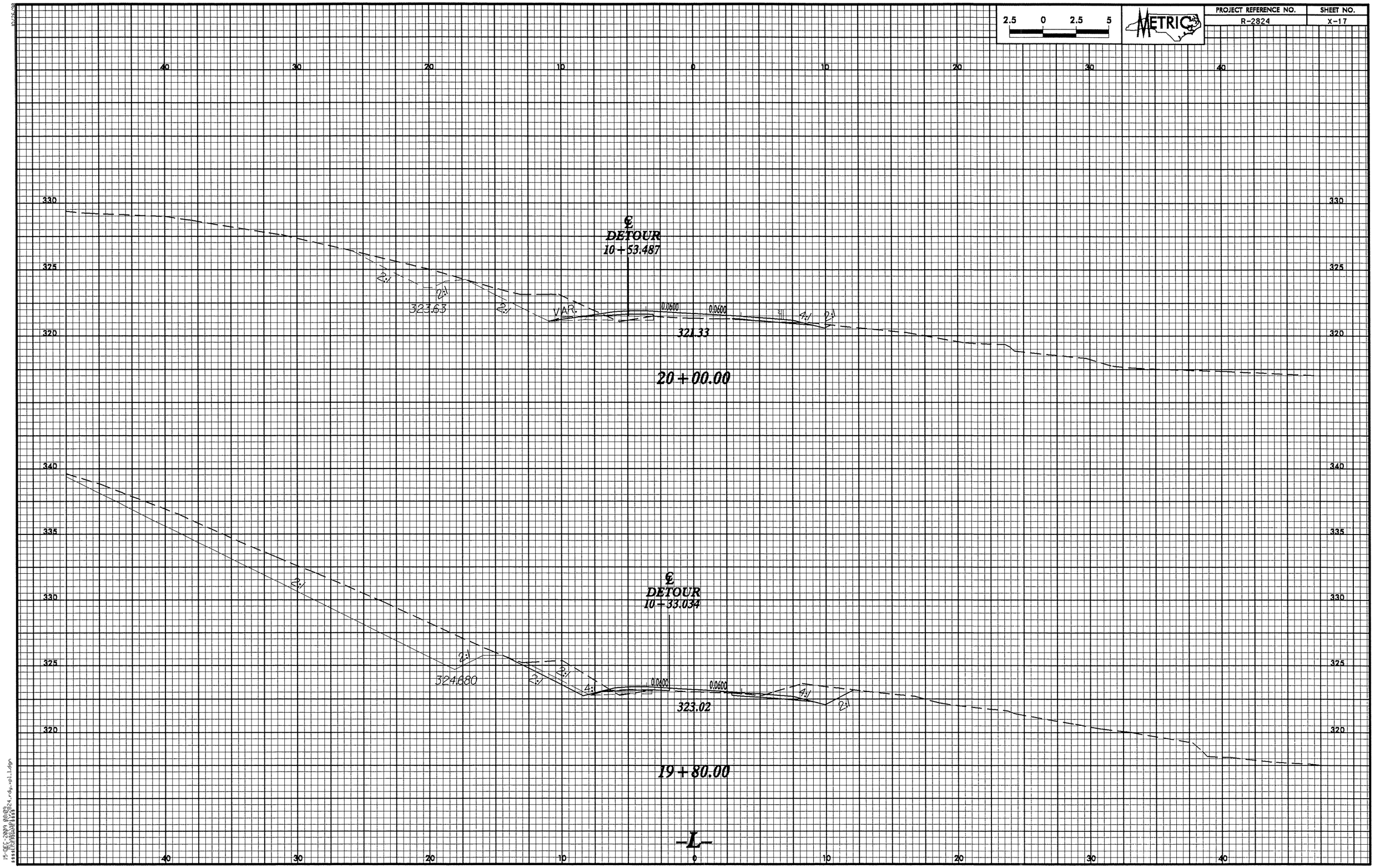
PROJECT REFERENCE NO.	SHEET NO.
R-2824	X-16

2.5 0 2.5 5

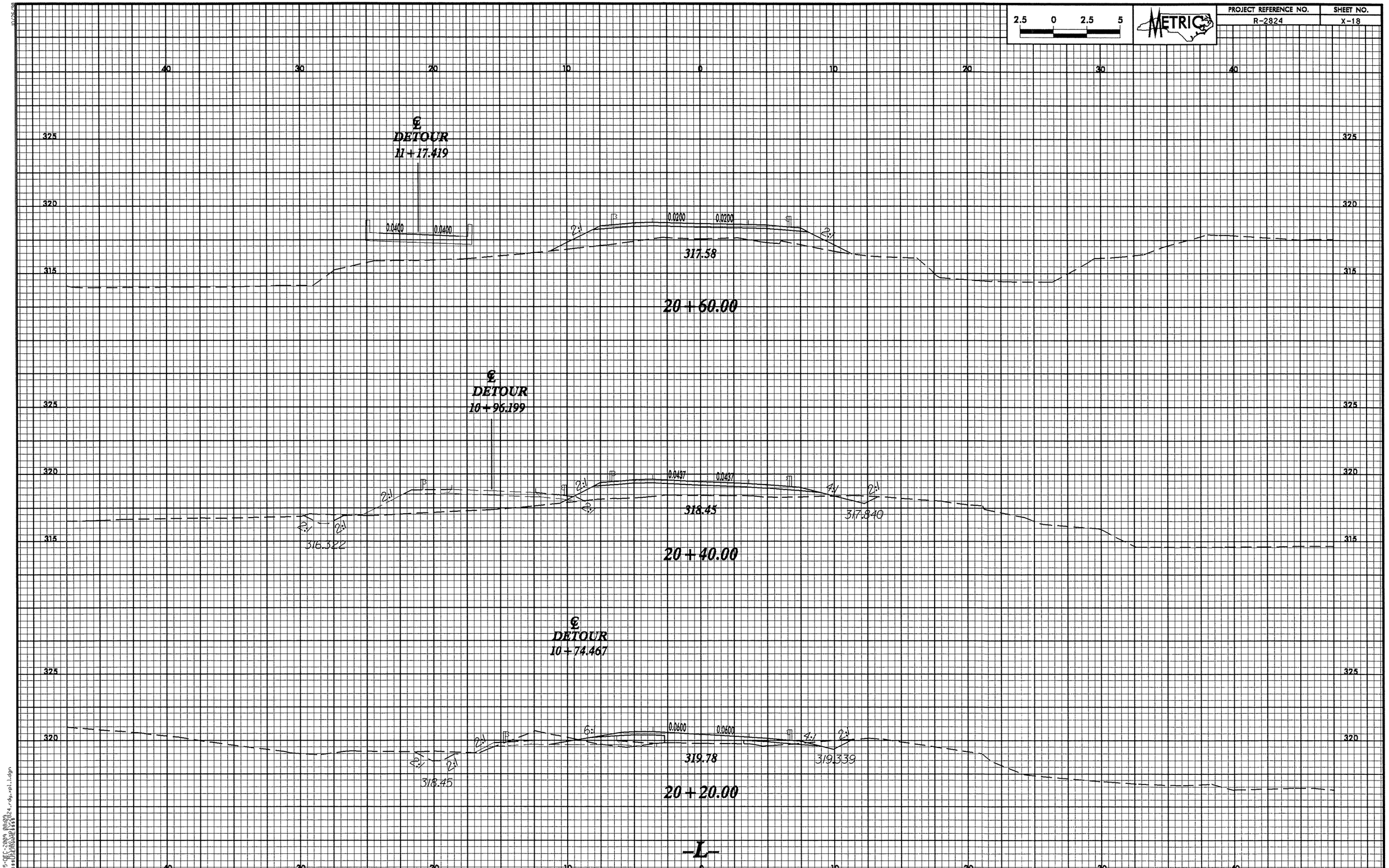
METRIC



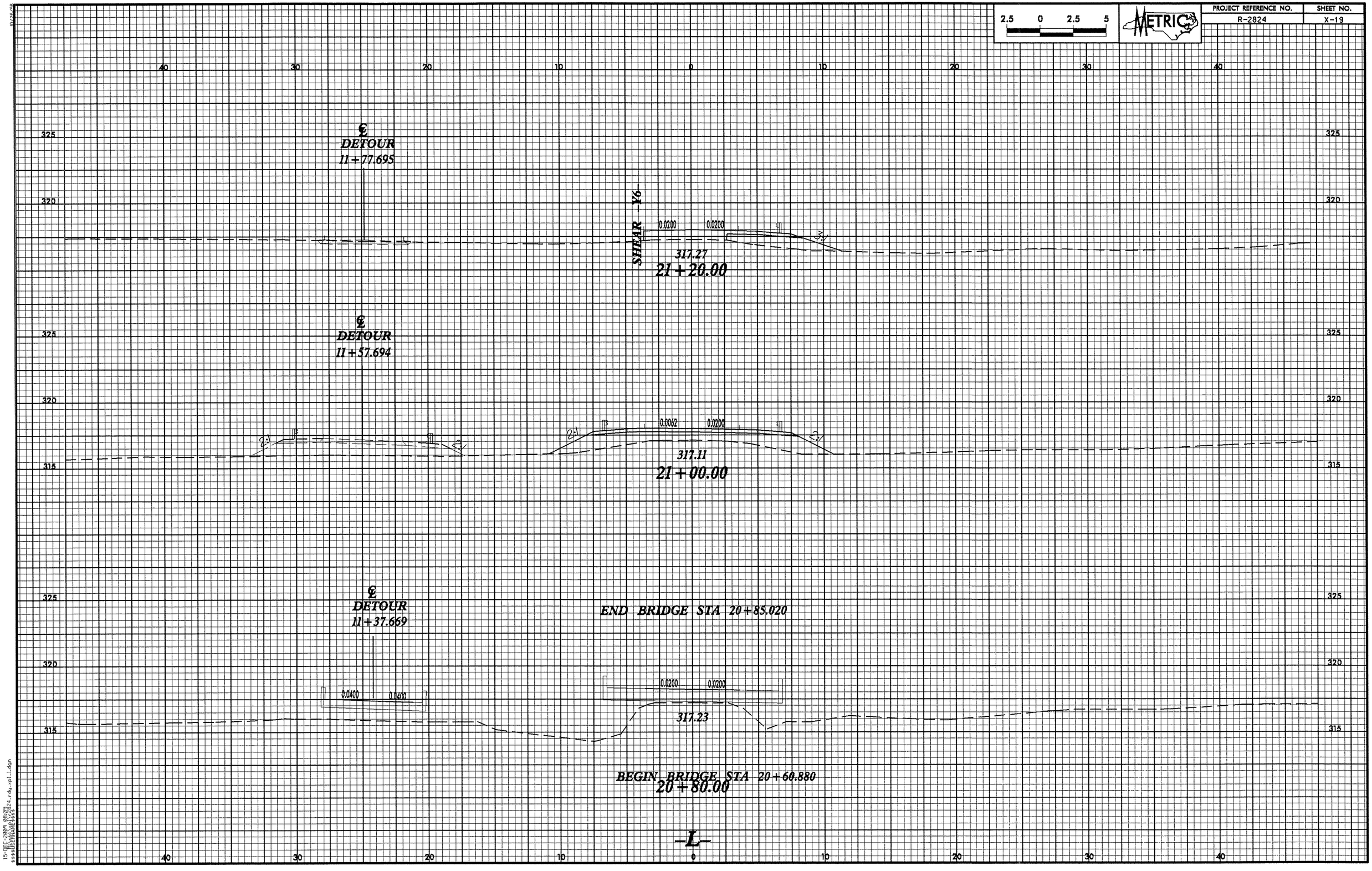
10/26/09
15-DEC-2009 08:03
R:\Roadway\Proj\2824_rdy_xpl_1.dgn
$$$$USERNAME$$$$



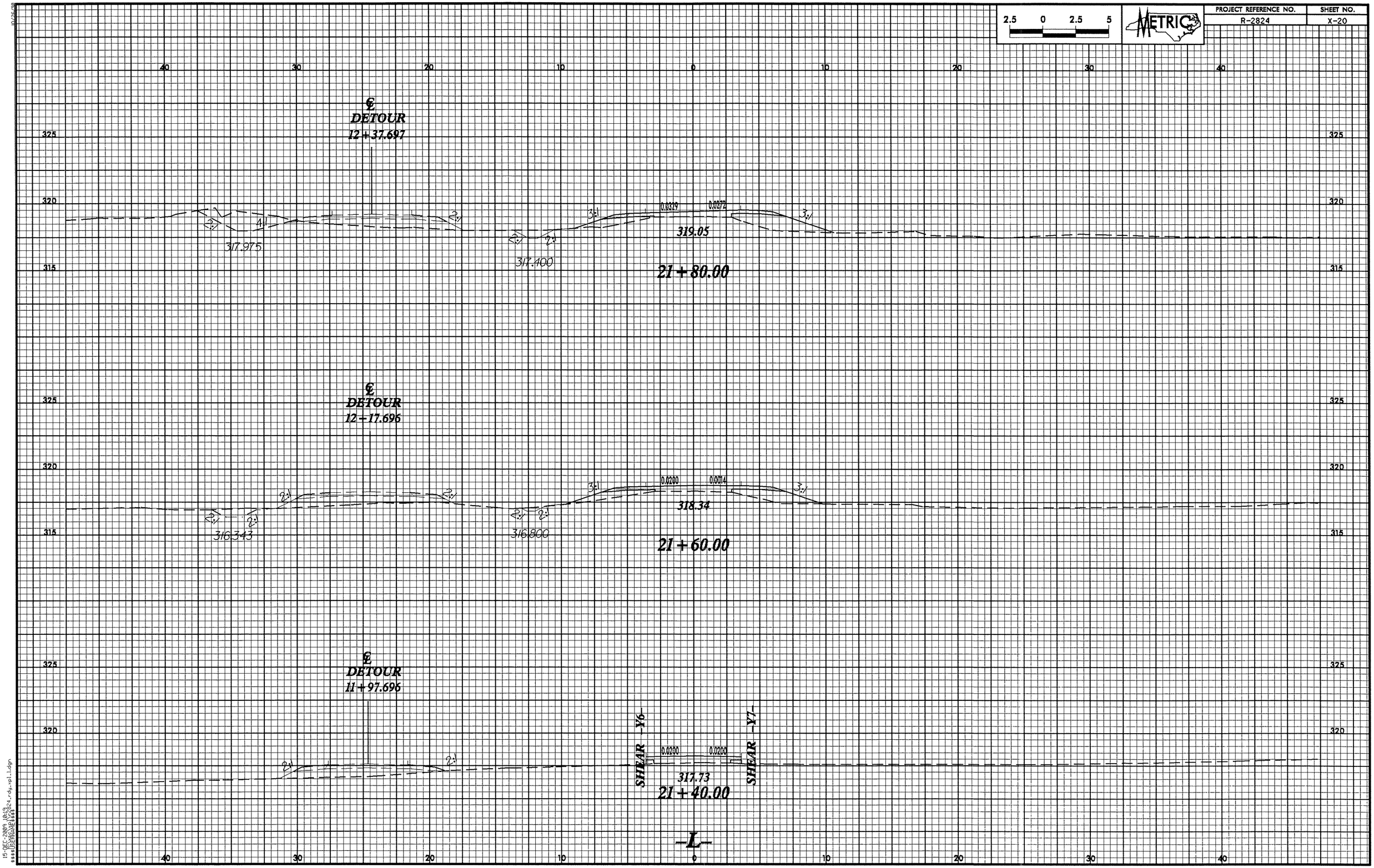
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-17
℄ DETOUR 10+53.487
323.63
321.33
VAR.
0.0600
0.0600
2:1
4:1
20+00.00
℄ DETOUR 10+33.034
324.680
323.02
0.0600
0.0600
19+80.00
-L-



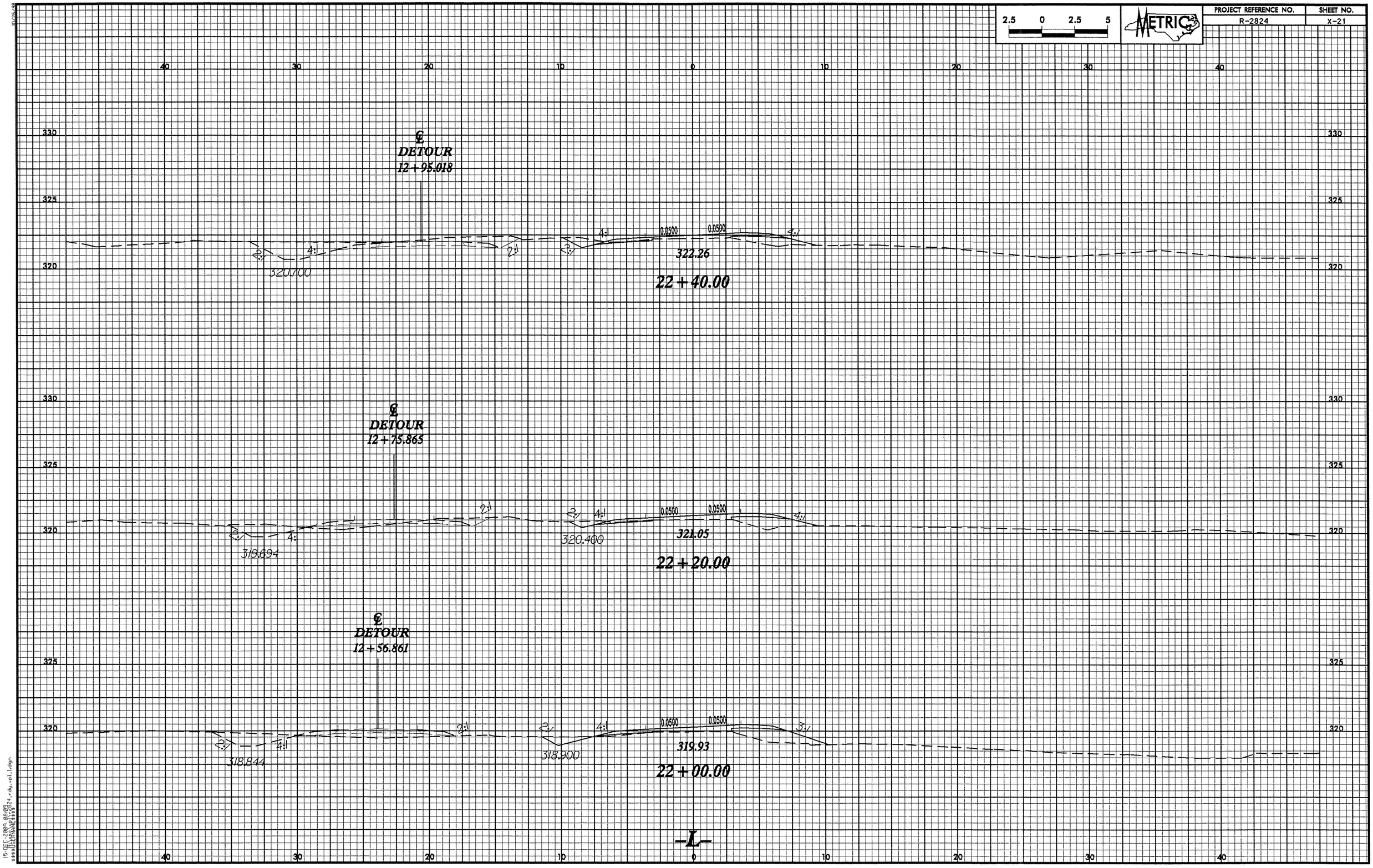
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-18
40 30 20 10 0 10 20 30 40
325
320
315
℄ DETOUR 11+17.419
0.0400
0.0400
0.0200
0.0200
2:1
2:1
317.58
20+60.00
℄ DETOUR 10+96.199
0.0437
0.0437
2:1
2:1
2:1
2:1
2:1
4:1
2:1
318.45
317.840
316.322
20+40.00
℄ DETOUR 10+74.467
0.0600
0.0600
6:1
2:1
2:1
2:1
4:1
2:1
319.78
319.339
318.45
20+20.00
-L-



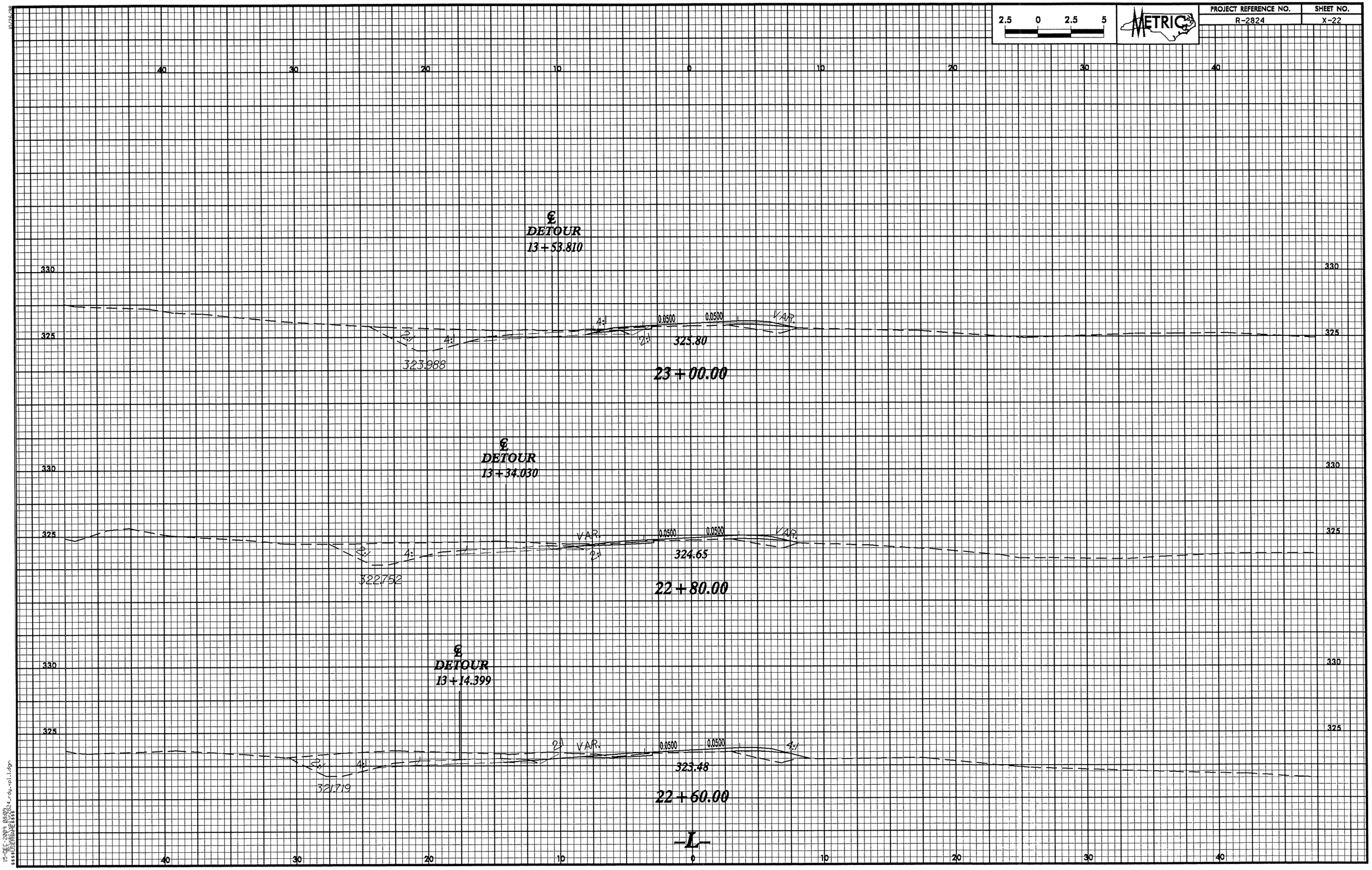
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-19
40 30 20 10 0 10 20 30 40
325
320
315
℄ DETOUR 11+77.695
SHEAR -Y6-
0.0200
0.0200
3:1
317.27
21+20.00
℄ DETOUR 11+57.694
2:1
2:1
0.0062
0.0200
2:1
2:1
317.11
21+00.00
℄ DETOUR 11+37.669
END BRIDGE STA 20+85.020
0.0400
0.0400
0.0200
0.0200
317.23
BEGIN BRIDGE STA 20+60.880
20+80.00
-L-



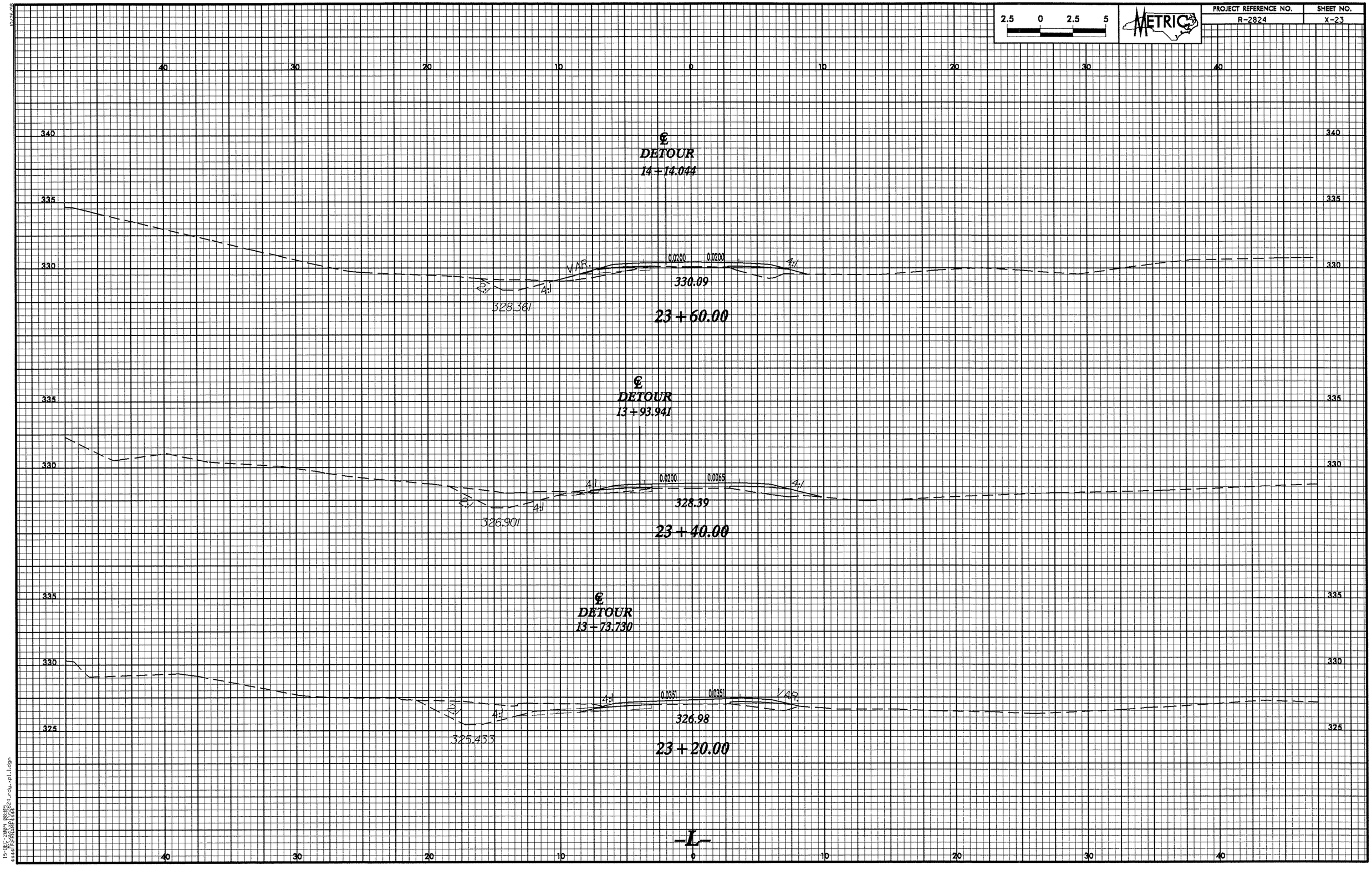
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-20
℄ DETOUR
12+37.697
317.975
317.400
319.05
21+80.00
℄ DETOUR
12+17.696
316.343
316.800
318.34
21+60.00
℄ DETOUR
11+97.696
SHEAR -Y6-
SHEAR -Y7-
317.73
21+40.00
-L-



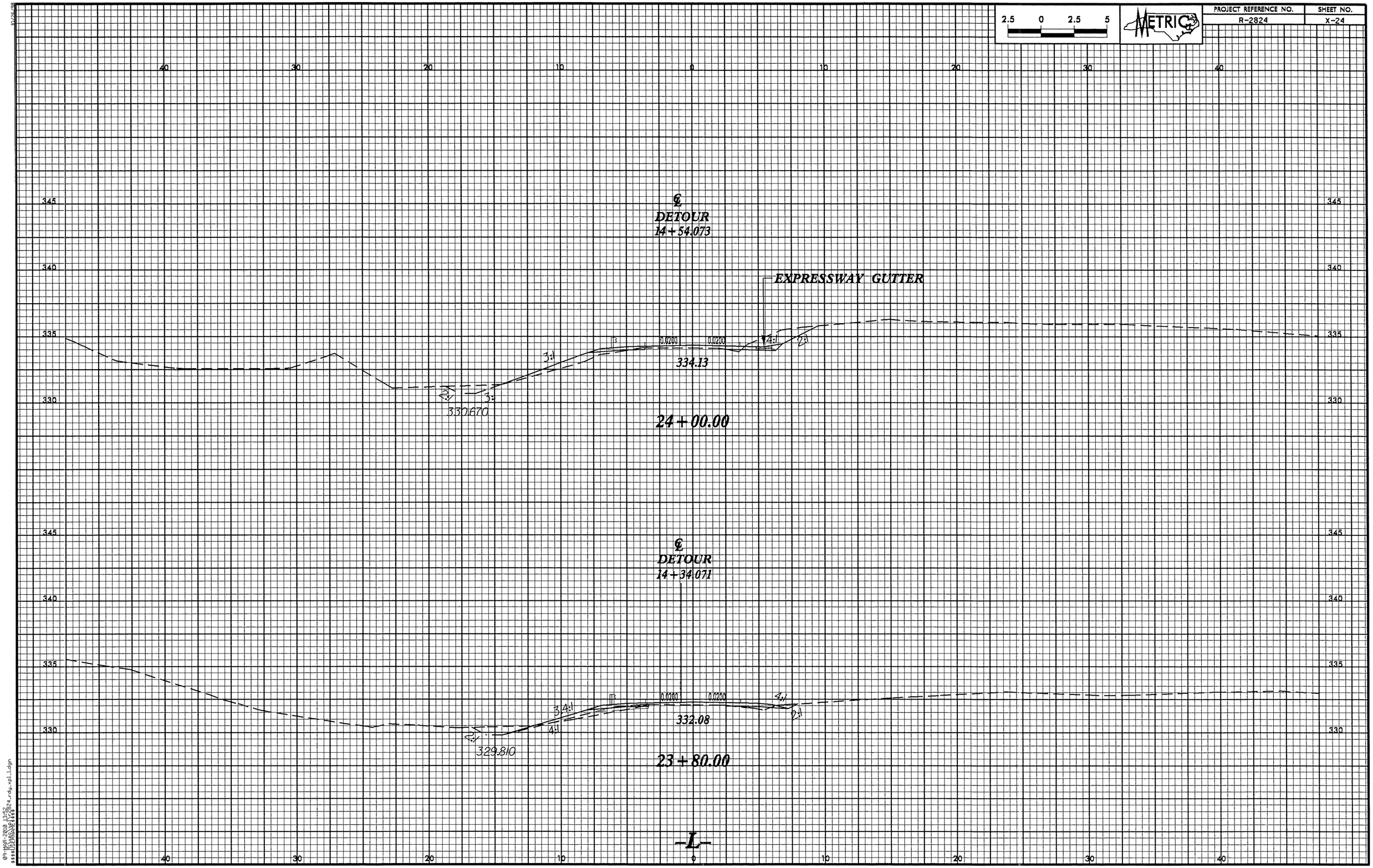
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-21
40 30 20 10 0 10 20 30 40
330
325
320
℄ DETOUR
12+95.018
2:1
4:1
320.700
0.0500
322.26
22+40.00
℄ DETOUR
12+75.865
319.694
320.400
321.05
22+20.00
℄ DETOUR
12+56.861
318.844
318.900
319.93
22+00.00
-L-



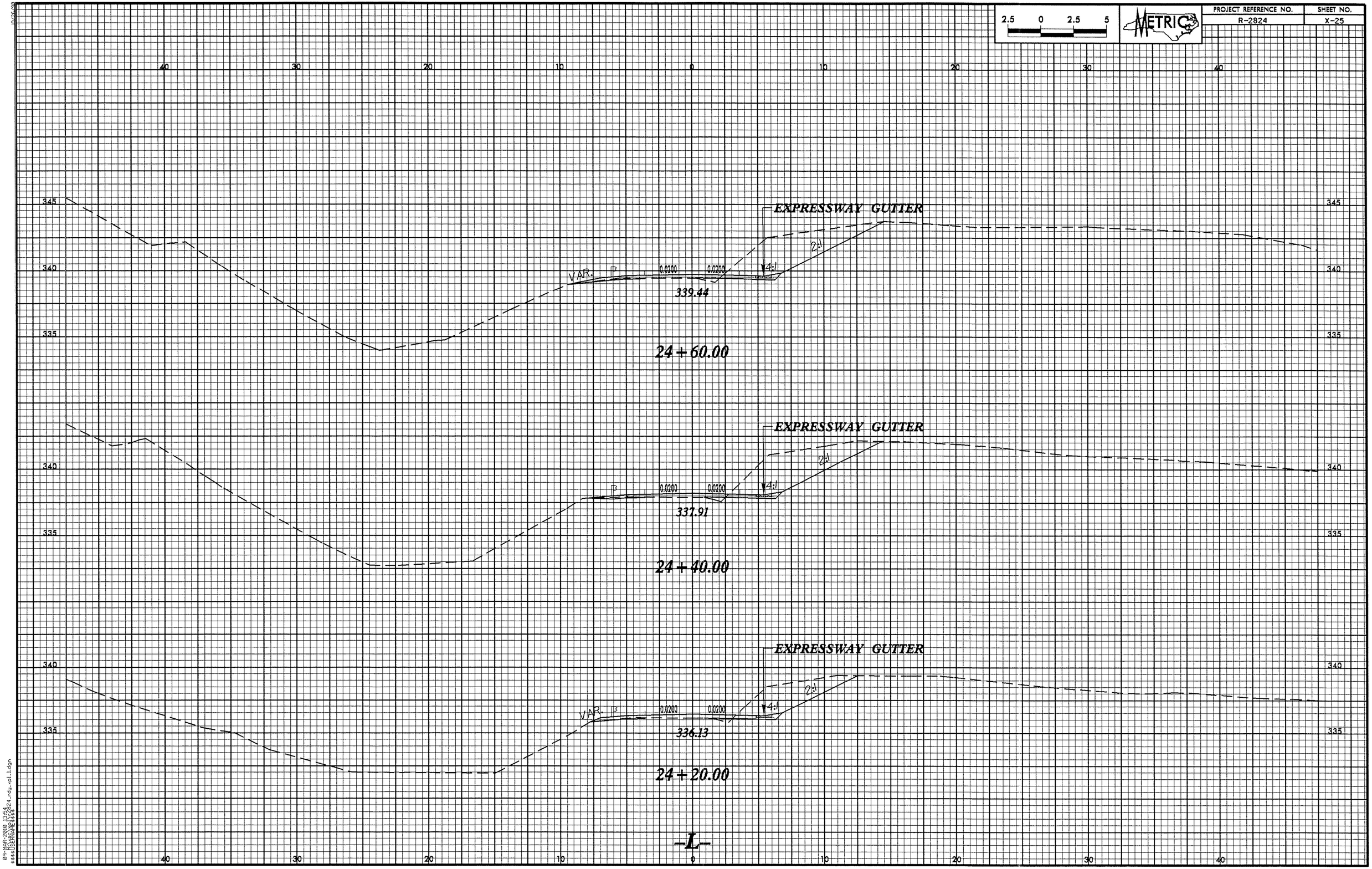
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-22
℄ DETOUR 13+53.810
4:1
0.0500
0.0500
VAR.
2:1
4:1
2:1
325.80
323.988
23+00.00
℄ DETOUR 13+34.030
VAR.
0.0500
0.0500
VAR.
2:1
4:1
2:1
324.65
322.752
22+80.00
℄ DETOUR 13+14.399
2:1
VAR.
0.0500
0.0500
4:1
2:1
4:1
323.48
321.719
22+60.00
-L-



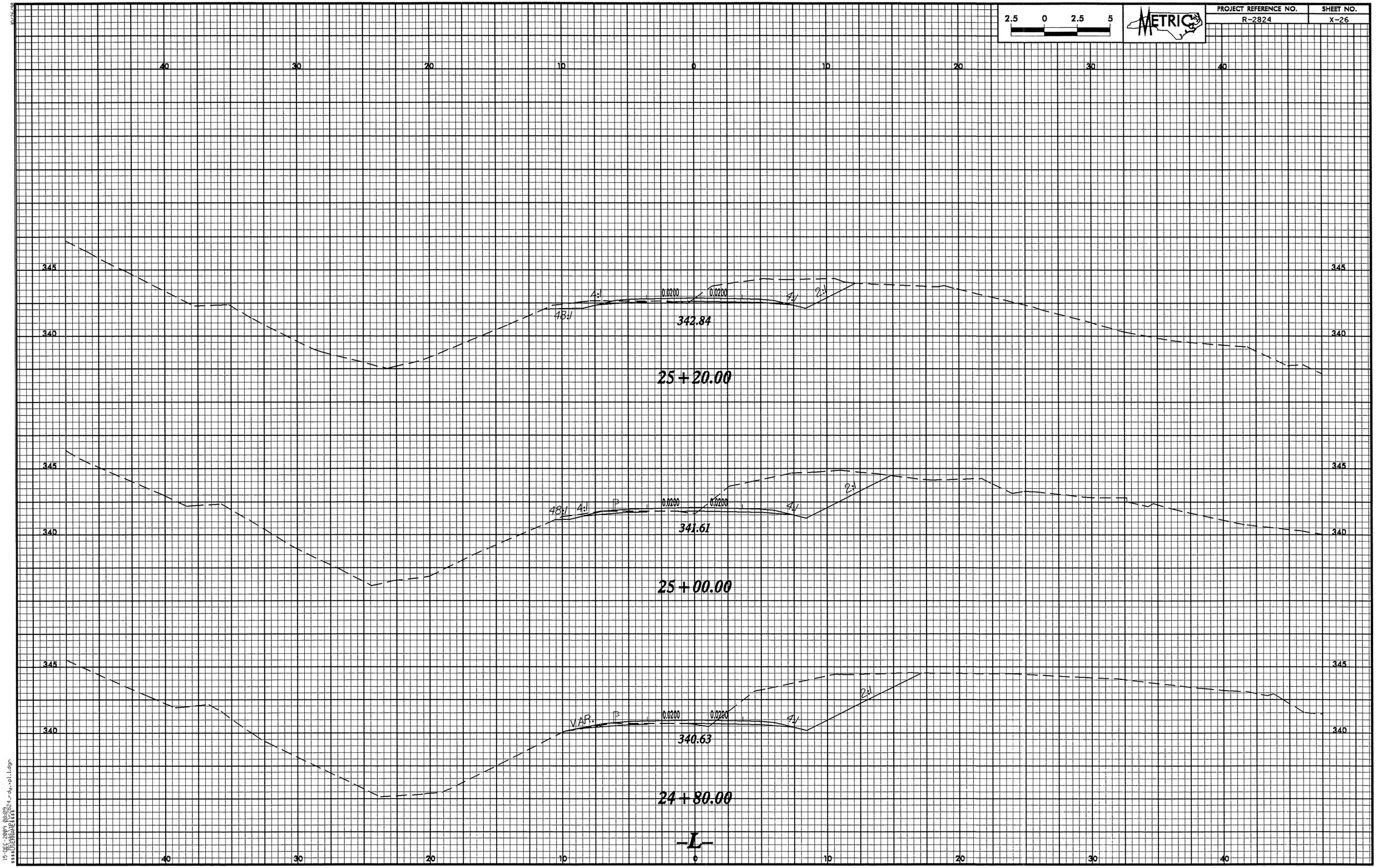
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-23
℄
DETOUR
14+14.044
VAR.
0.0200
0.0200
4:1
2:1
4:1
330.09
328.361
23+60.00
℄
DETOUR
13+93.941
0.0200
0.0065
4:1
4:1
2:1
4:1
328.39
326.901
23+40.00
℄
DETOUR
13+73.730
0.0351
0.0351
VAR.
4:1
2:1
4:1
326.98
325.433
23+20.00
-L-



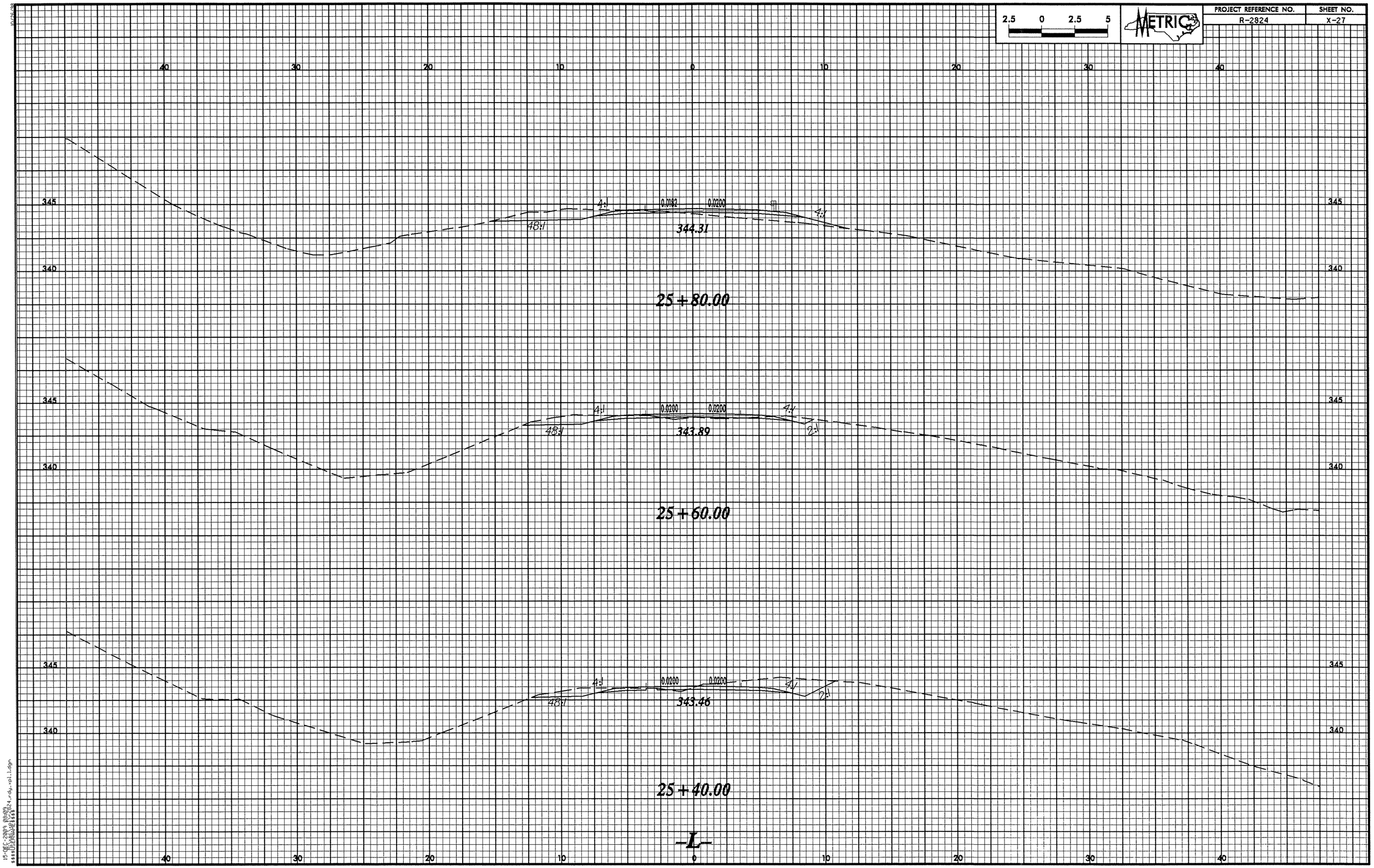
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-24
℄
DETOUR
14+54.073
EXPRESSWAY GUTTER
0.0200
0.0200
3:1
4:1
2:1
334.13
330.670
24+00.00
℄
DETOUR
14+34.071
0.0200
0.0200
3:1
4:1
2:1
332.08
329.810
23+80.00
-L-



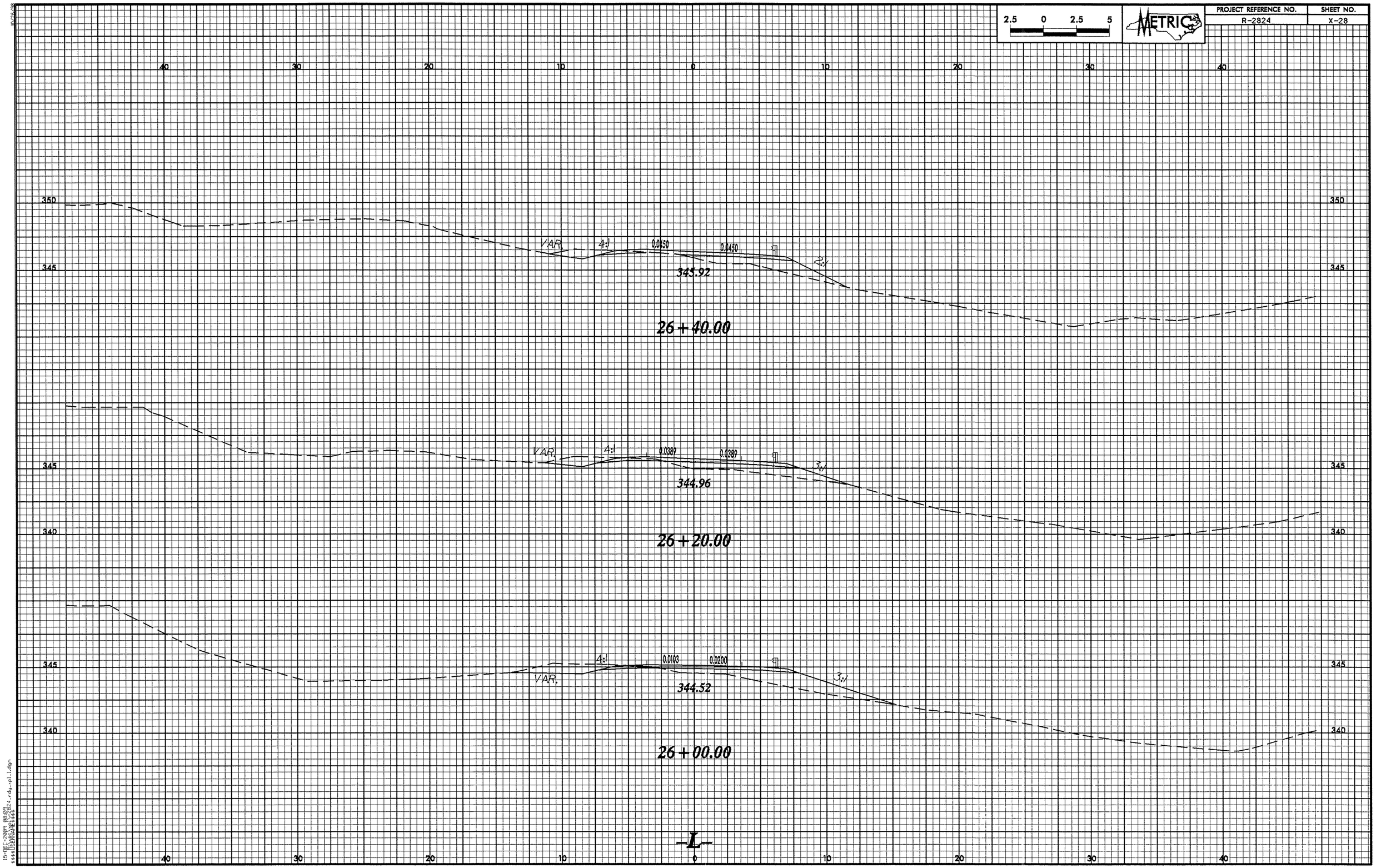
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-25
EXPRESSWAY GUTTER
VAR.
0.0200
0.0200
4:1
2:1
339.44
24+60.00
EXPRESSWAY GUTTER
0.0200
0.0200
4:1
2:1
337.91
24+40.00
EXPRESSWAY GUTTER
VAR.
0.0200
0.0200
4:1
2:1
336.13
24+20.00
-L-



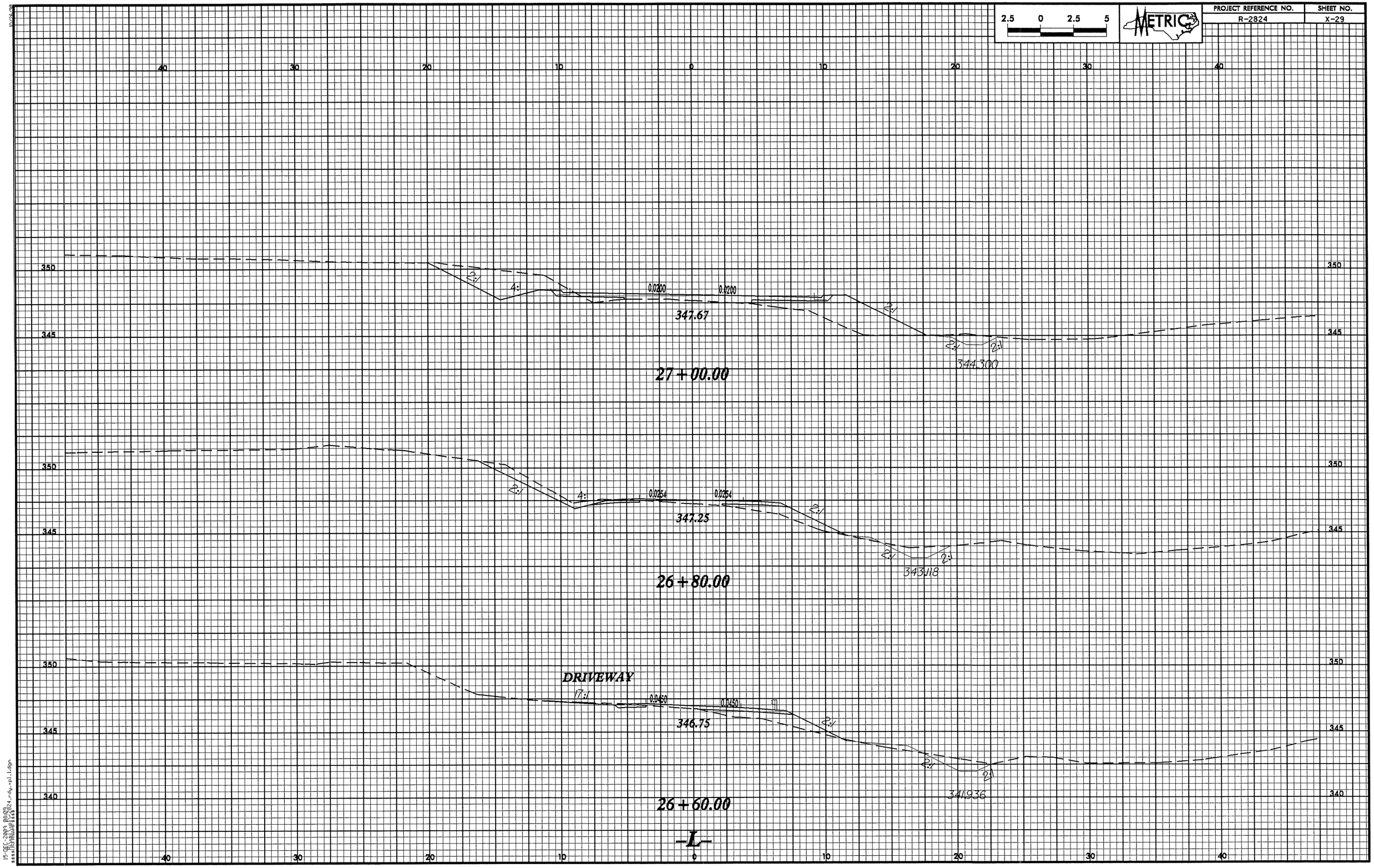
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-26
40 30 20 10 0 10 20 30 40
345
340
4:1
48:1
0.0200
0.0200
4:1
2:1
342.84
25+20.00
48:1
4:1
0.0200
0.0200
4:1
2:1
341.61
25+00.00
VAR.
0.0200
0.0200
4:1
2:1
340.63
24+80.00
-L-



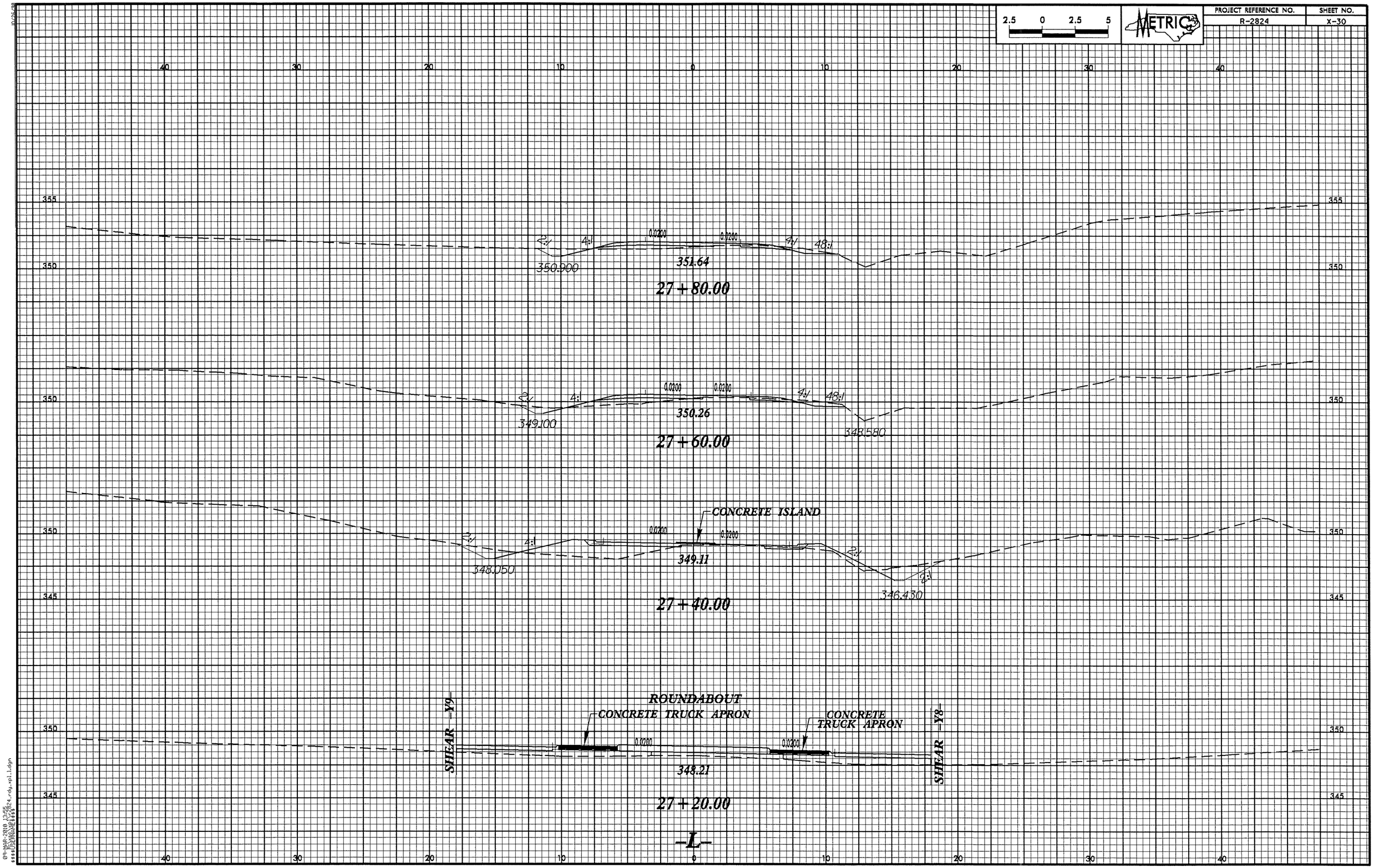
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-27
40 30 20 10 0 10 20 30 40
345
340
4:1
0.0182
0.0200
48:1
344.31
25+80.00
4:1
0.0200
0.0200
48:1
343.89
2:1
25+60.00
4:1
0.0200
0.0200
48:1
343.46
2:1
25+40.00
-L-



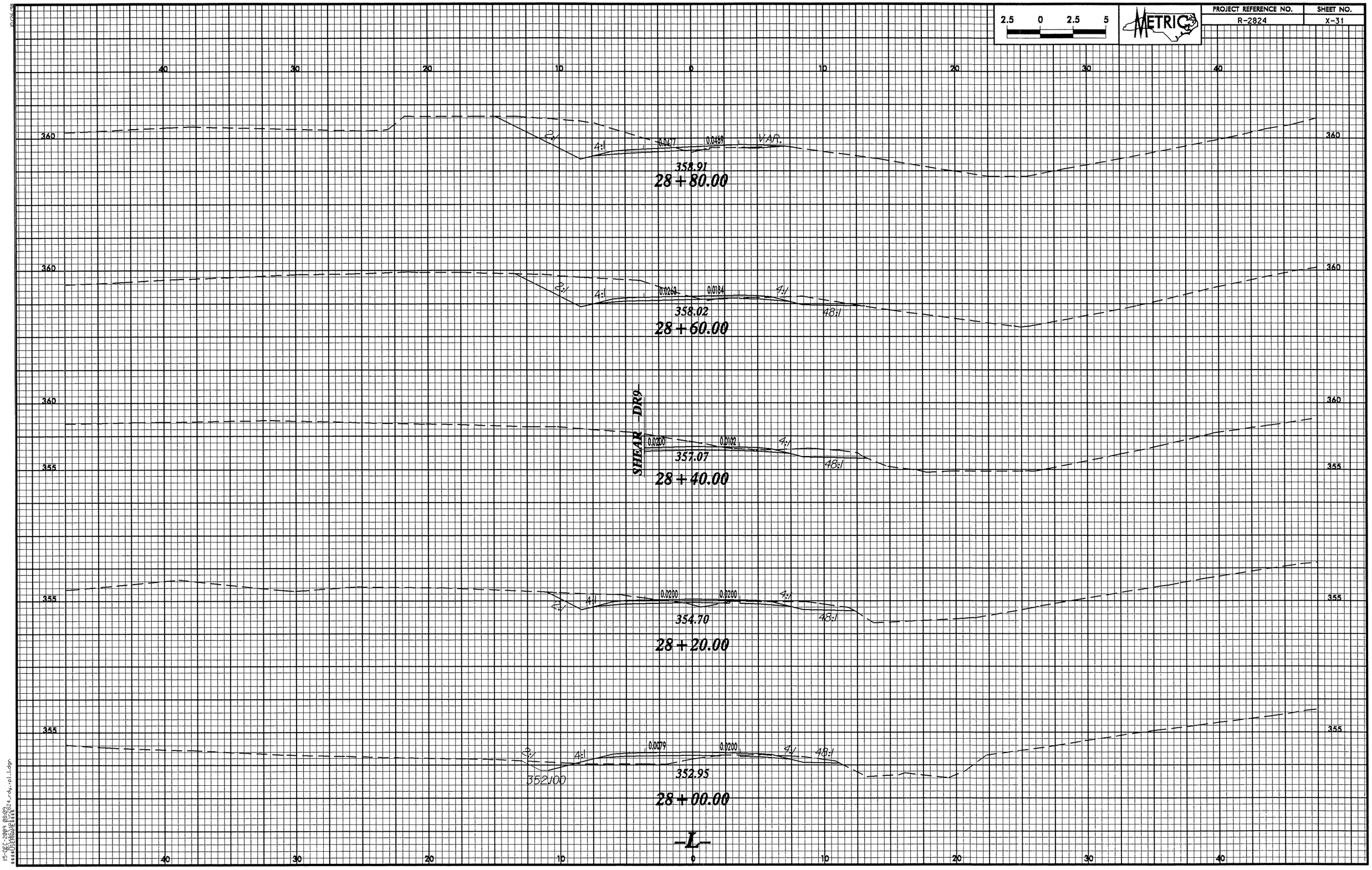
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-28
40 30 20 10 0 10 20 30 40
350
345
340
VAR.
4:1
0.0450
0.0450
2:1
345.92
26+40.00
VAR.
4:1
0.0389
0.0389
3:1
344.96
26+20.00
4:1
0.0103
0.0200
VAR.
3:1
344.52
26+00.00
-L-



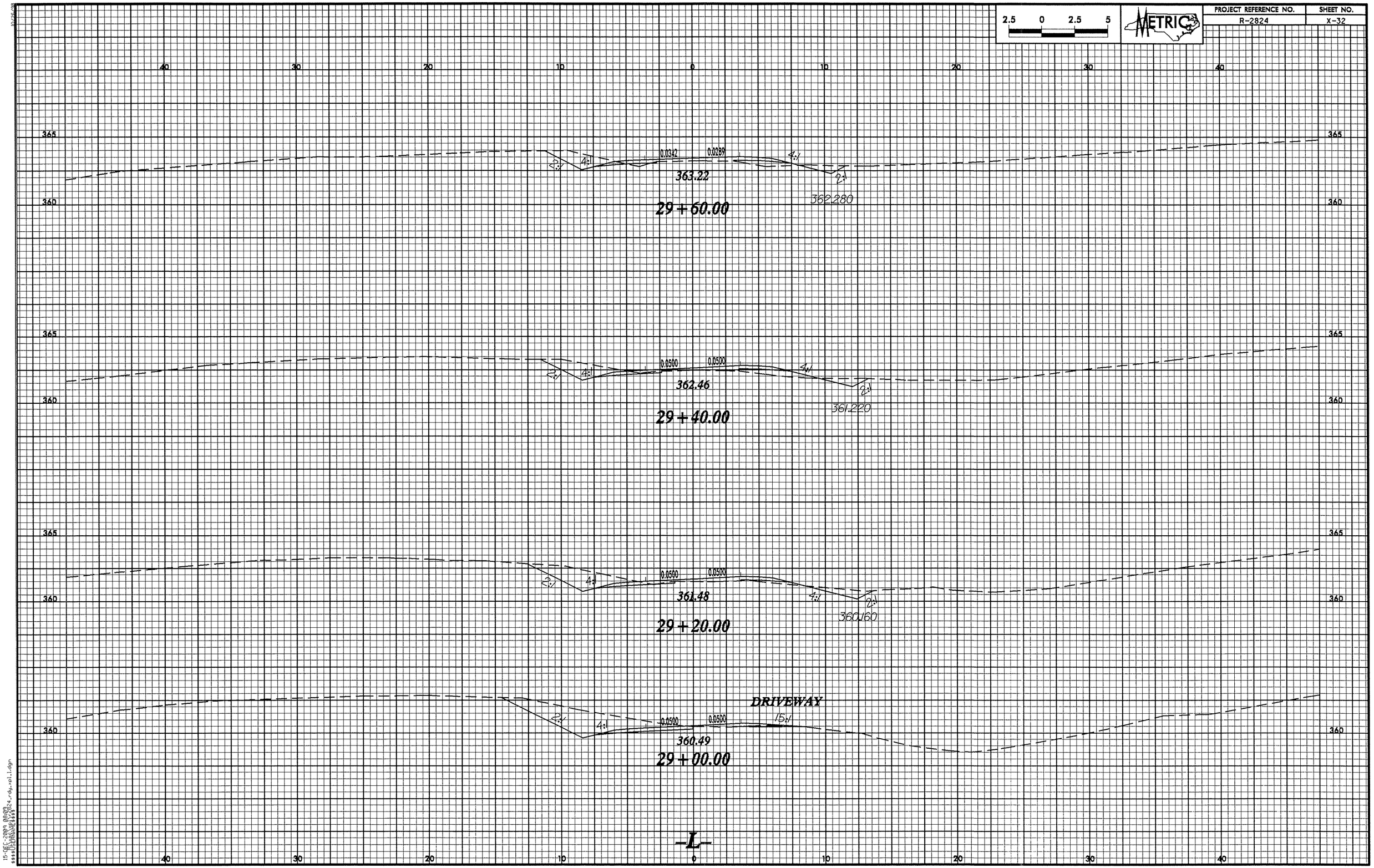
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-29
40 30 20 10 0 10 20 30 40
350
345
2:1
4:1
0.0200
0.0200
347.67
2:1
2:1
2:1
344.300
27+00.00
350
345
2:1
4:1
0.0254
0.0254
347.25
2:1
2:1
2:1
343.118
26+80.00
350
345
340
DRIVEWAY
17:1
0.0450
0.0450
346.75
2:1
2:1
2:1
341.936
26+60.00
-L-



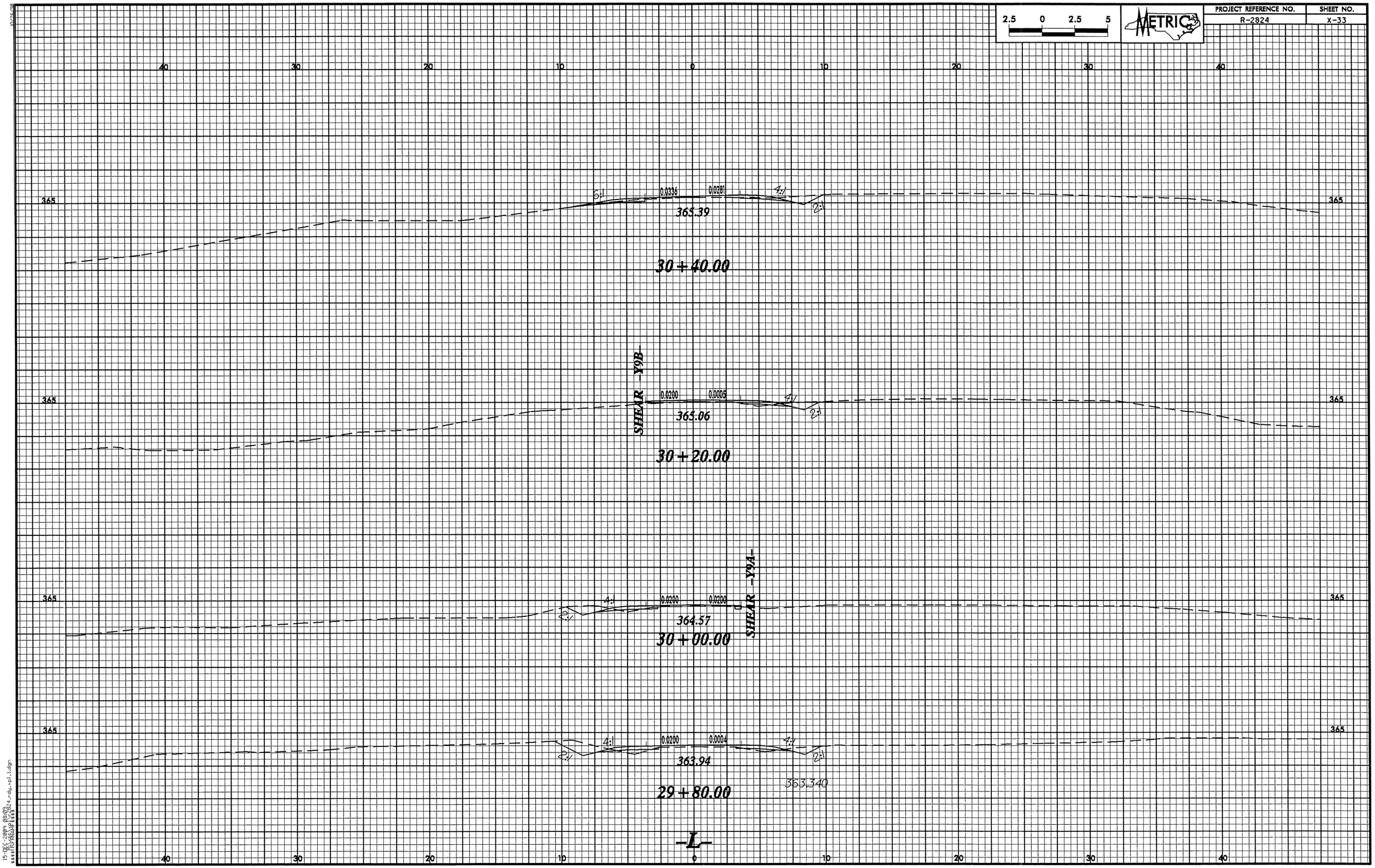
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-30
40 30 20 10 0 10 20 30 40
355
350
2:1
4:1
0.0200
0.0200
4:1
48:1
350.900
351.64
27 + 80.00
349.100
350.26
348.580
27 + 60.00
CONCRETE ISLAND
348.050
349.11
346.430
345
27 + 40.00
ROUNDABOUT
CONCRETE TRUCK APRON
CONCRETE TRUCK APRON
SHEAR -Y9-
SHEAR -Y8-
348.21
27 + 20.00
-L-



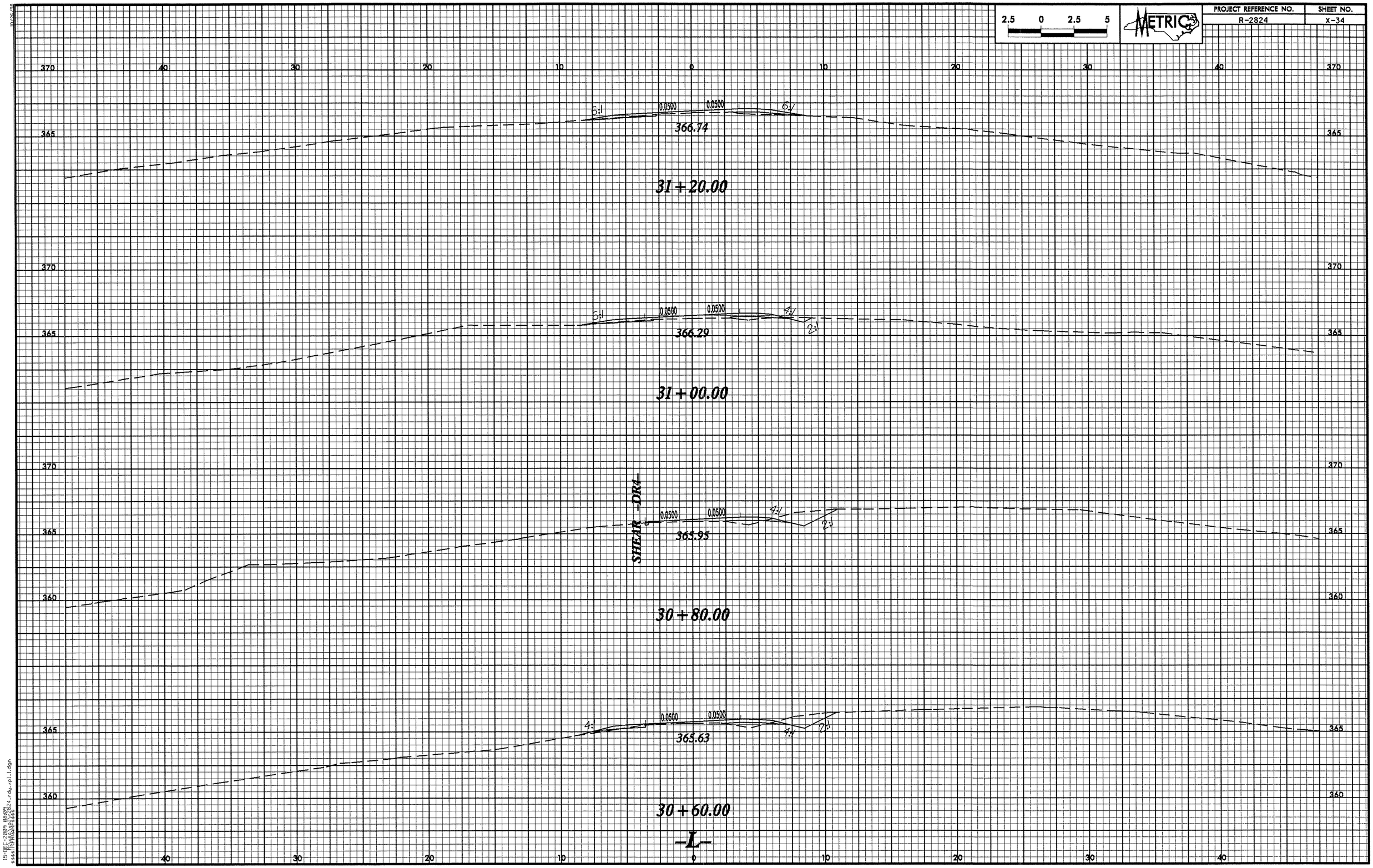
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-31
40 30 20 10 0 10 20 30 40
360
2:1
4:1
0.0477
0.0469
VAR.
358.91
28+80.00
360
2:1
4:1
0.0268
0.0184
4:1
48:1
358.02
28+60.00
360
SHEAR -DR9-
0.0200
0.0102
4:1
48:1
357.07
28+40.00
355
355
2:1
4:1
0.0200
0.0200
4:1
48:1
354.70
28+20.00
355
2:1
4:1
0.0079
0.0200
4:1
48:1
352.100
352.95
28+00.00
-L-



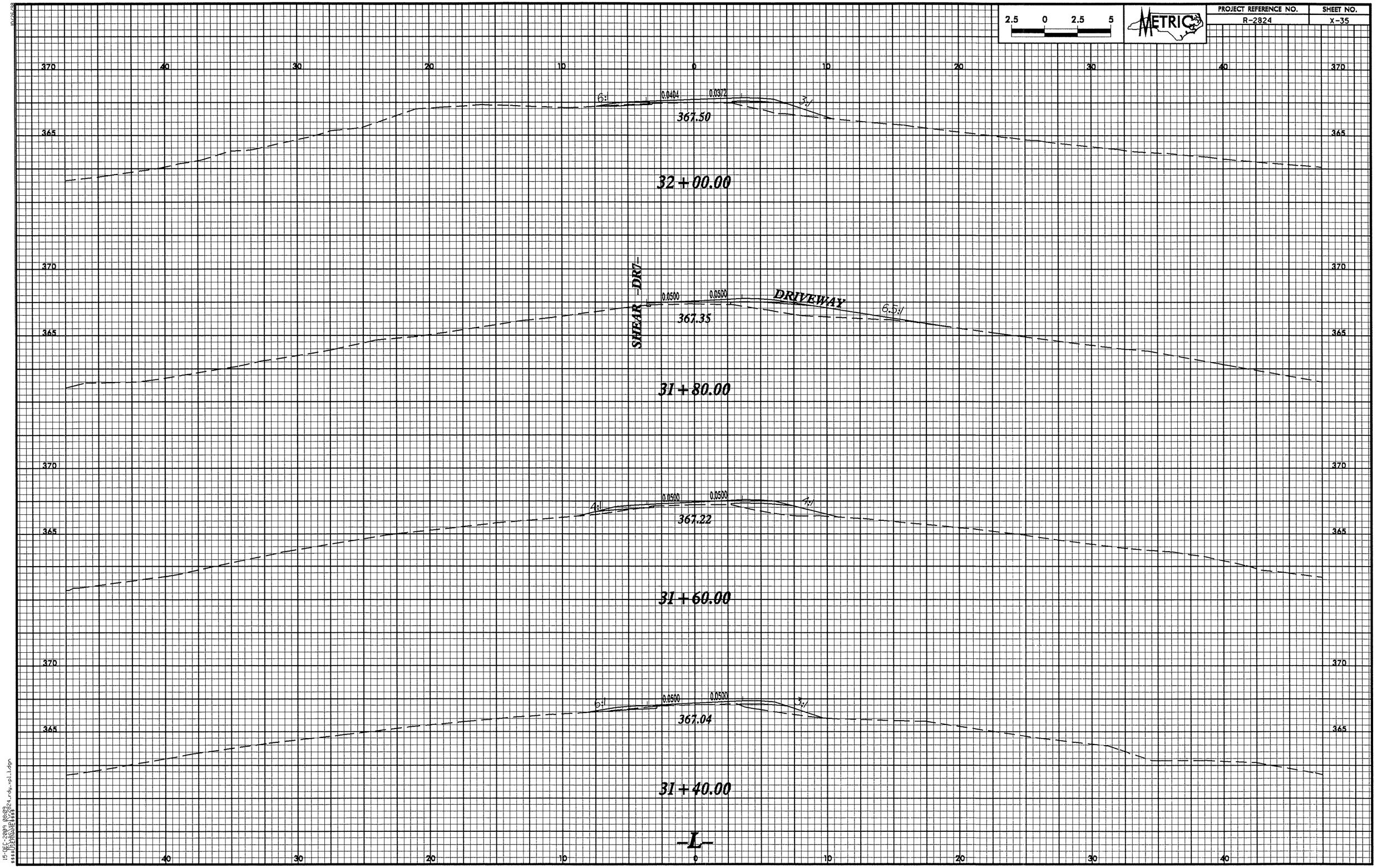
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-32
40 30 20 10 0 10 20 30 40
365
360
0.0342
0.0289
2:1
4:1
363.22
362.280
29+60.00
0.0500
0.0500
362.46
361.220
29+40.00
361.48
360.160
29+20.00
DRIVEWAY
15:1
360.49
29+00.00
-L-



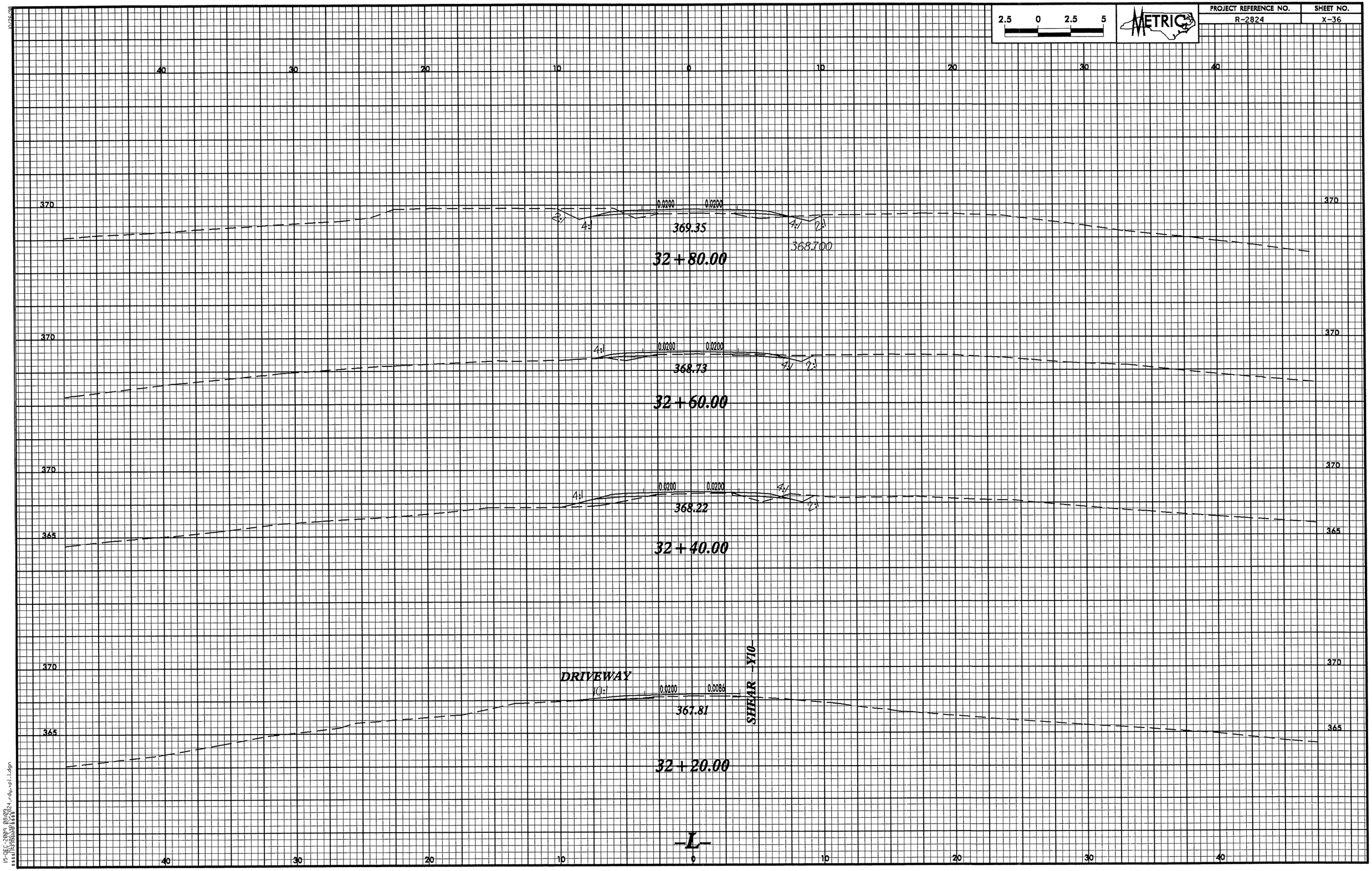
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-33
40 30 20 10 0 10 20 30 40
365
6:1
0.0336
0.0281
4:1
2:1
365.39
30+40.00
SHEAR -Y9B-
0.0200
0.0005
365.06
30+20.00
SHEAR -Y9A-
0.0200
0.0200
364.57
30+00.00
0.0200
0.0004
363.94
363.340
29+80.00
-L-



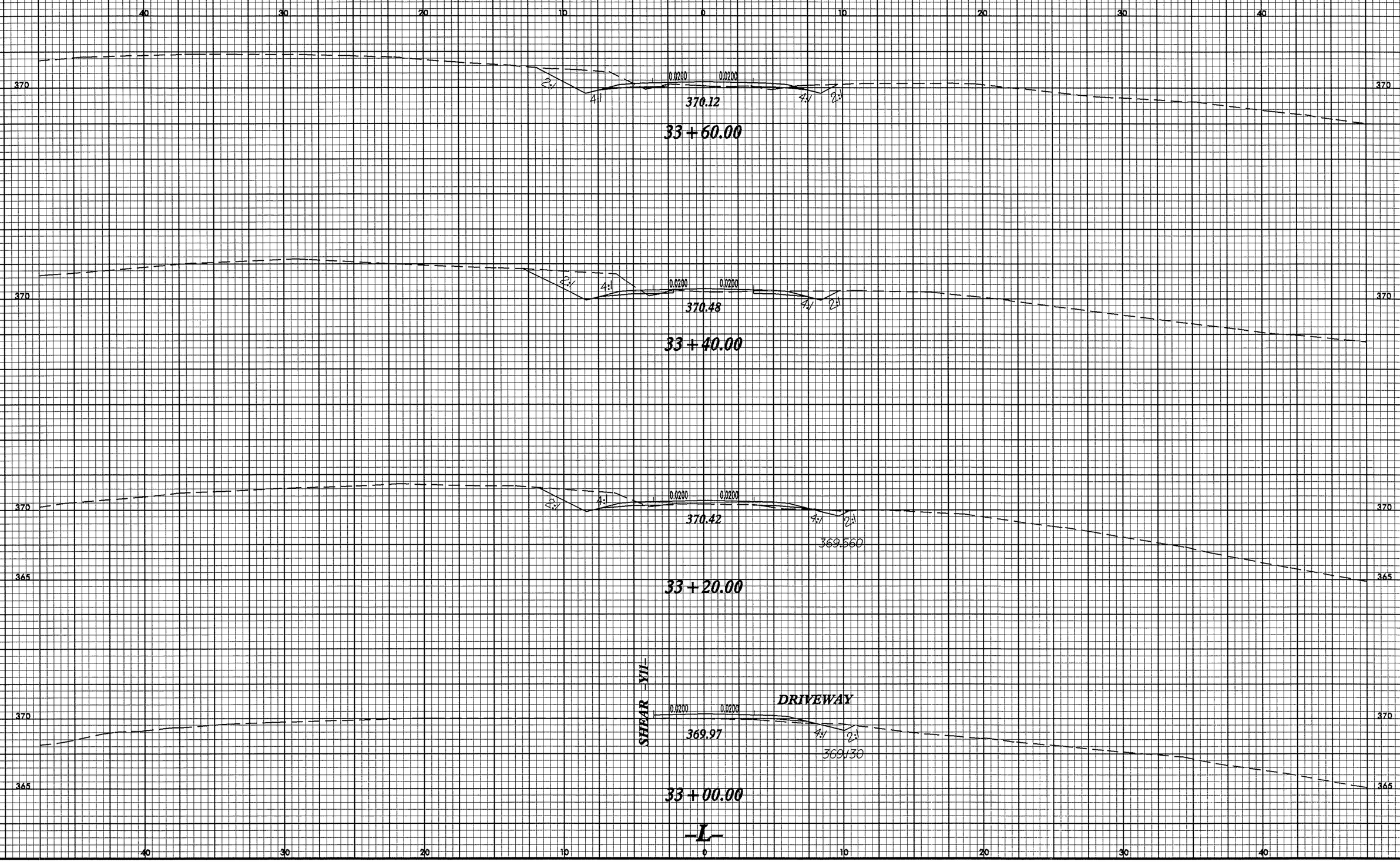
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-34
370
365
360
40
30
20
10
0
6:1
0.0500
366.74
31+20.00
4:1
2:1
366.29
31+00.00
SHEAR -DR4-
365.95
30+80.00
365.63
30+60.00
-L-



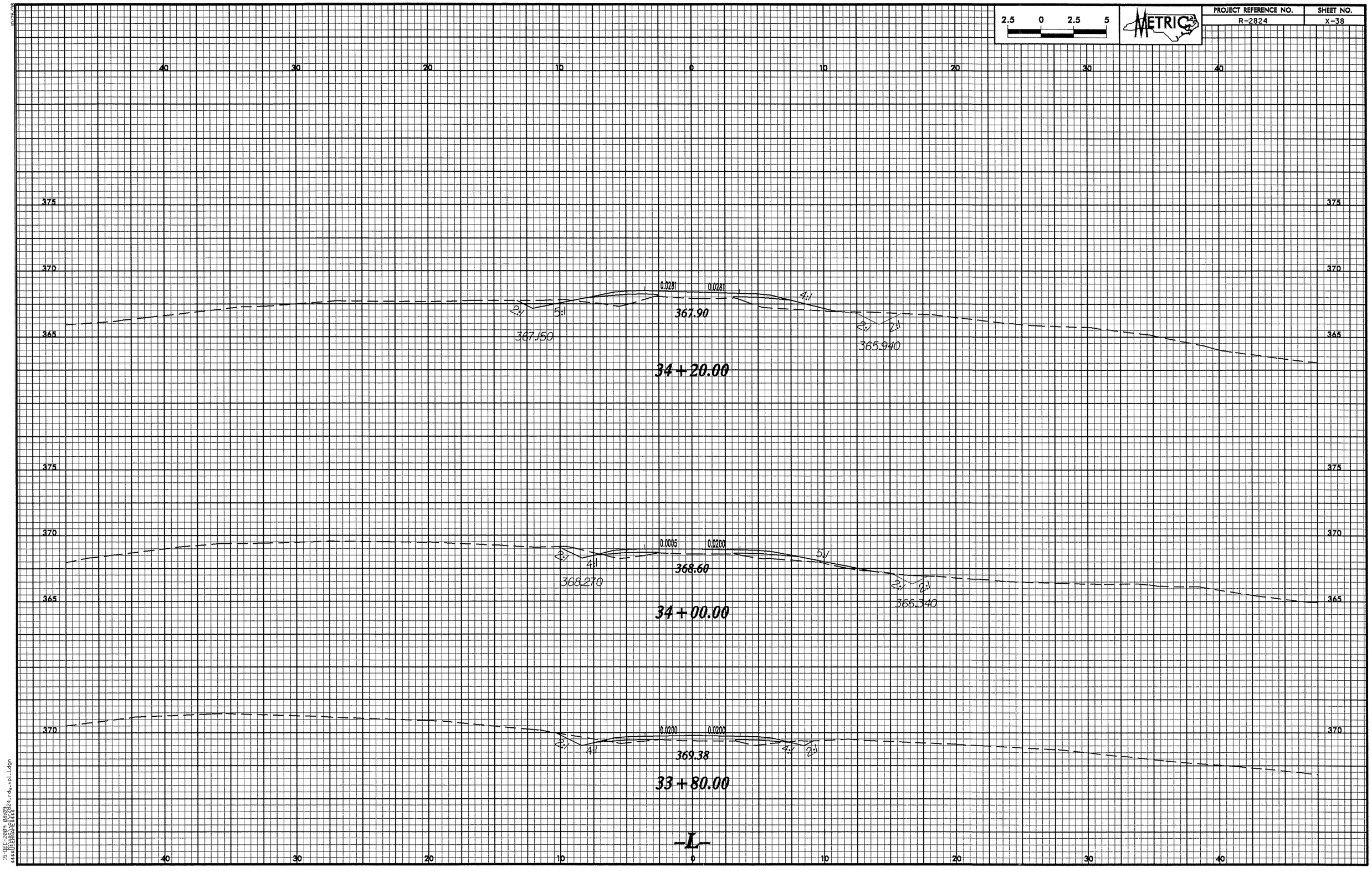
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-35
370
365
40
30
20
10
0
6:1
0.0404
0.0372
3:1
367.50
32+00.00
SHEAR -DR7-
0.0500
0.0500
DRIVEWAY
6.5:1
367.35
31+80.00
4:1
0.0500
0.0500
4:1
367.22
31+60.00
6:1
0.0500
0.0500
3:1
367.04
31+40.00
-L-



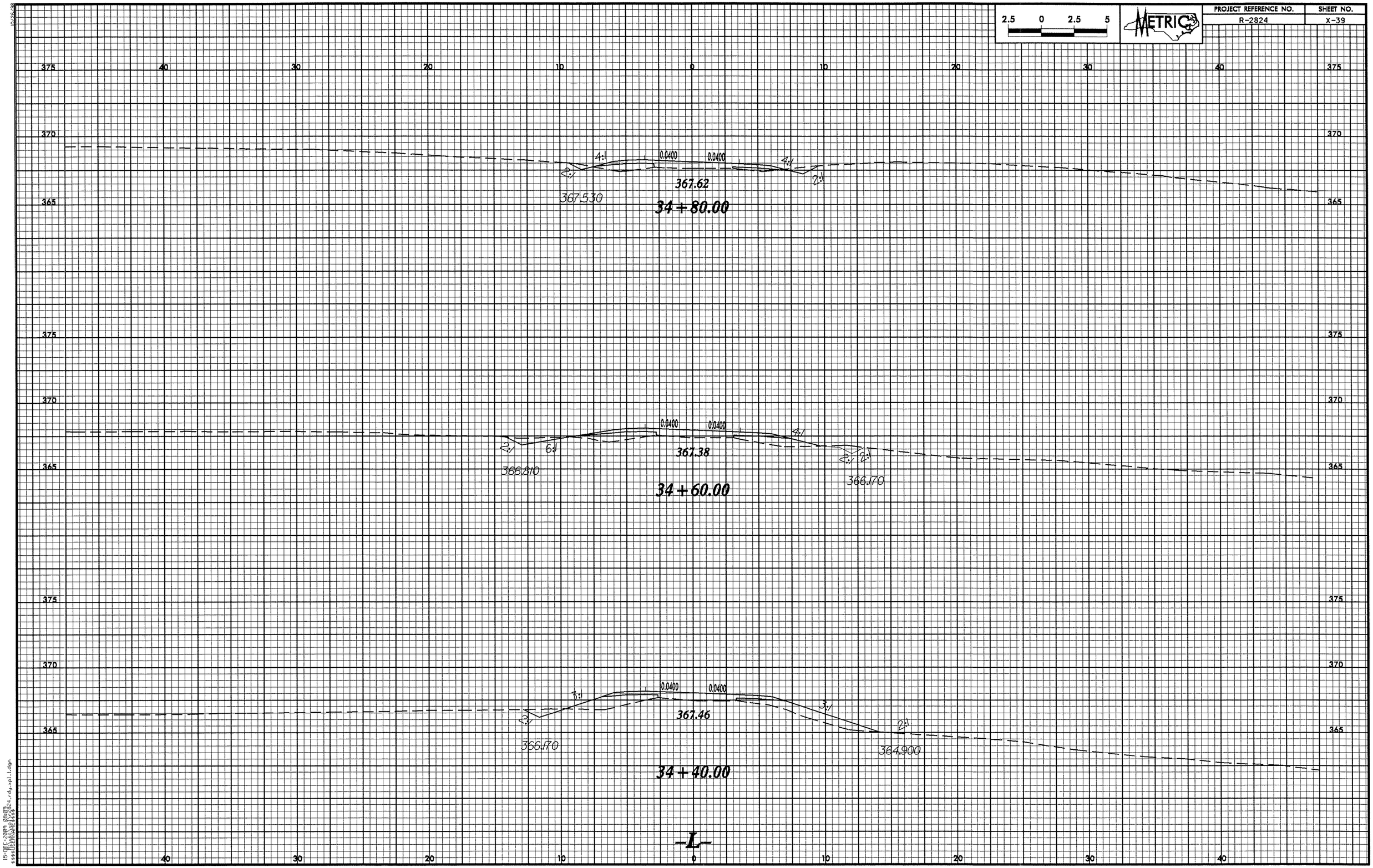
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-36
40 30 20 10 0 10 20 30 40
370
0.0200
0.0200
2:1
4:1
369.35
4:1
2:1
368.700
32+80.00
370
4:1
0.0200
0.0200
368.73
4:1
2:1
32+60.00
370
4:1
0.0200
0.0200
4:1
2:1
368.22
365
32+40.00
370
DRIVEWAY
10:1
0.0200
0.0086
367.81
SHEAR -Y10-
365
32+20.00
-L-



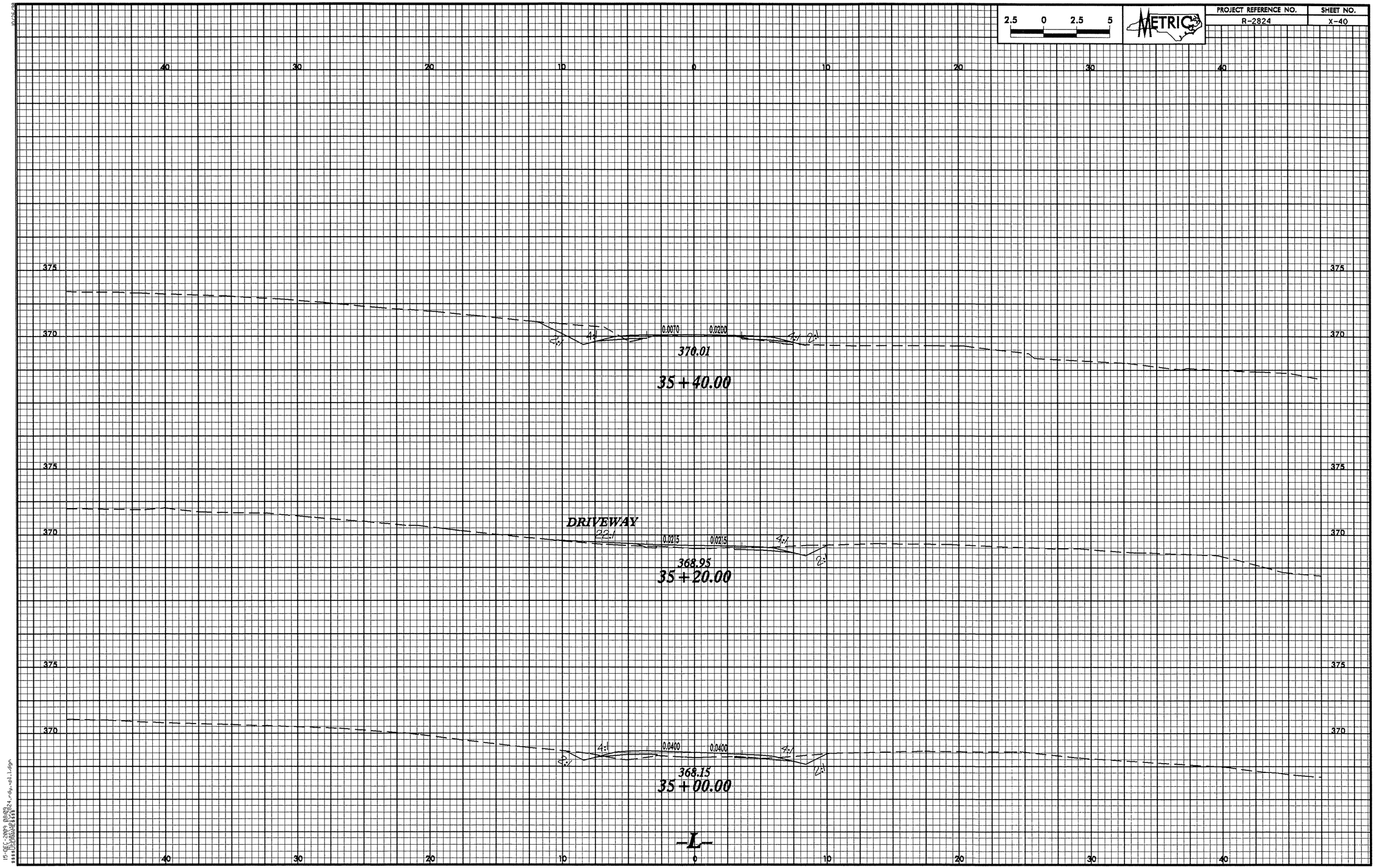
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-37
40 30 20 10 0 10 20 30 40
370
0.0200
0.0200
2:1
4:1
370.12
33+60.00
370.48
33+40.00
370.42
369.560
365
33+20.00
SHEAR -Y11-
DRIVEWAY
369.97
369.130
33+00.00
-L-



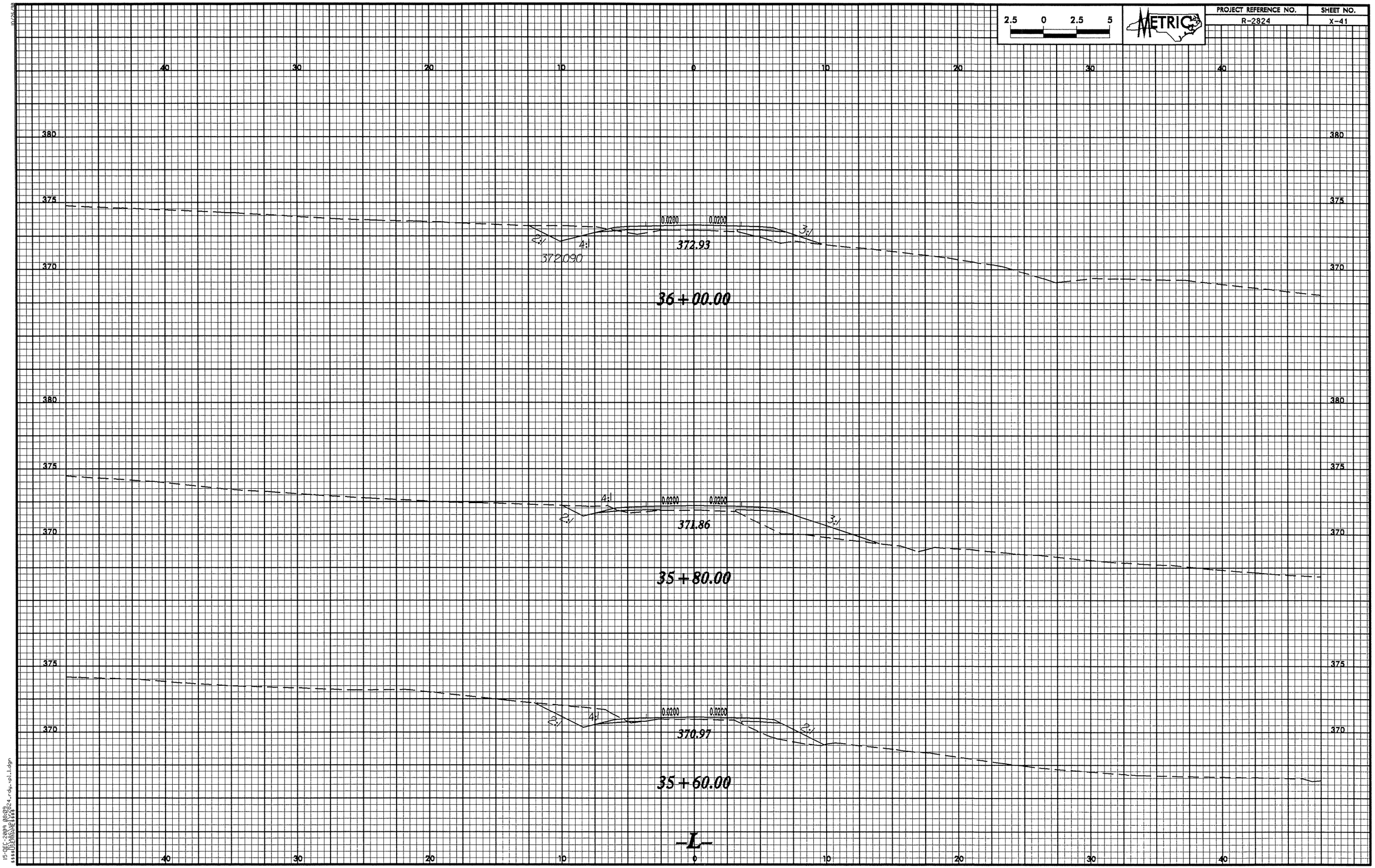
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-38
40 30 20 10 0 10 20 30 40
375
370
365
0.0281
0.0281
4:1
2:1
5:1
367.90
367.150
2:1
2:1
365.940
34+20.00
0.0005
0.0200
2:1
4:1
5:1
368.60
368.270
2:1
2:1
366.340
34+00.00
0.0200
0.0200
2:1
4:1
4:1
2:1
369.38
33+80.00
-L-



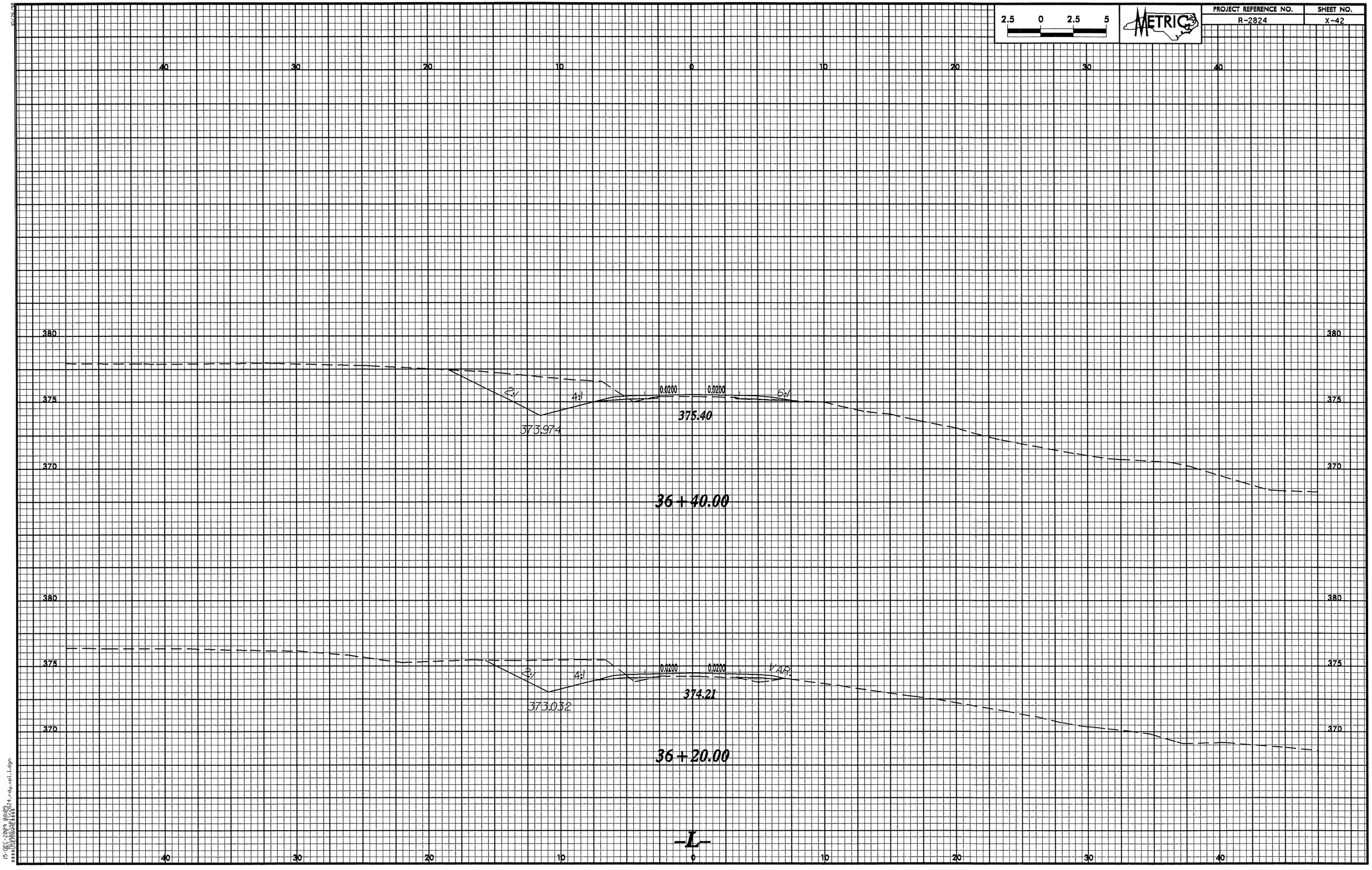
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-39
375
370
365
40
30
20
10
0
4:1
2:1
0.0400
367.530
367.62
34+80.00
6:1
366.810
367.38
366.170
34+60.00
3:1
367.46
364.900
34+40.00
-L-



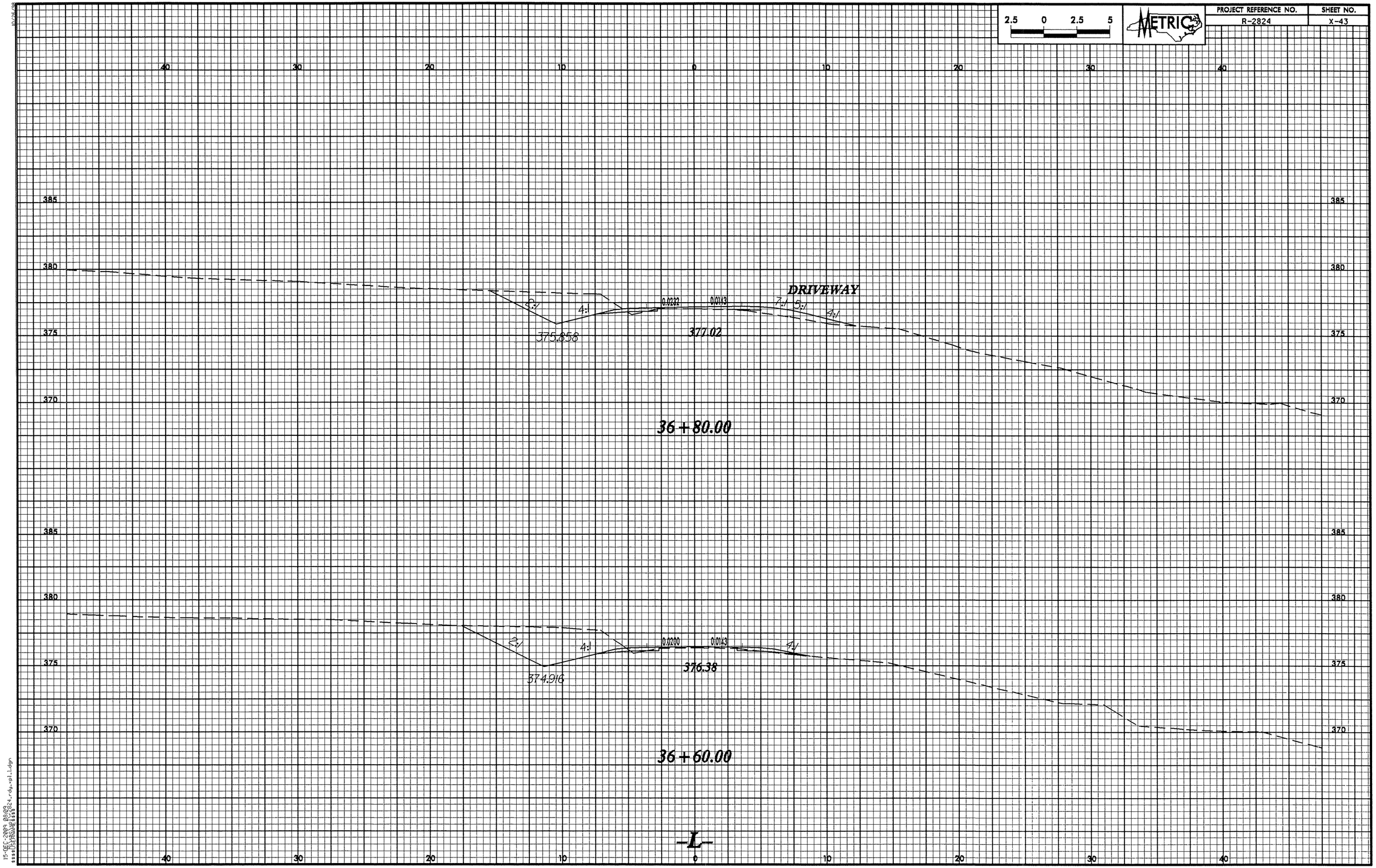
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-40
40 30 20 10 0 10 20 30 40
375
370
0.0070
0.0200
4:1
2:1
370.01
35+40.00
DRIVEWAY
22:1
0.0215
0.0215
368.95
35+20.00
0.0400
0.0400
368.15
35+00.00
-L-



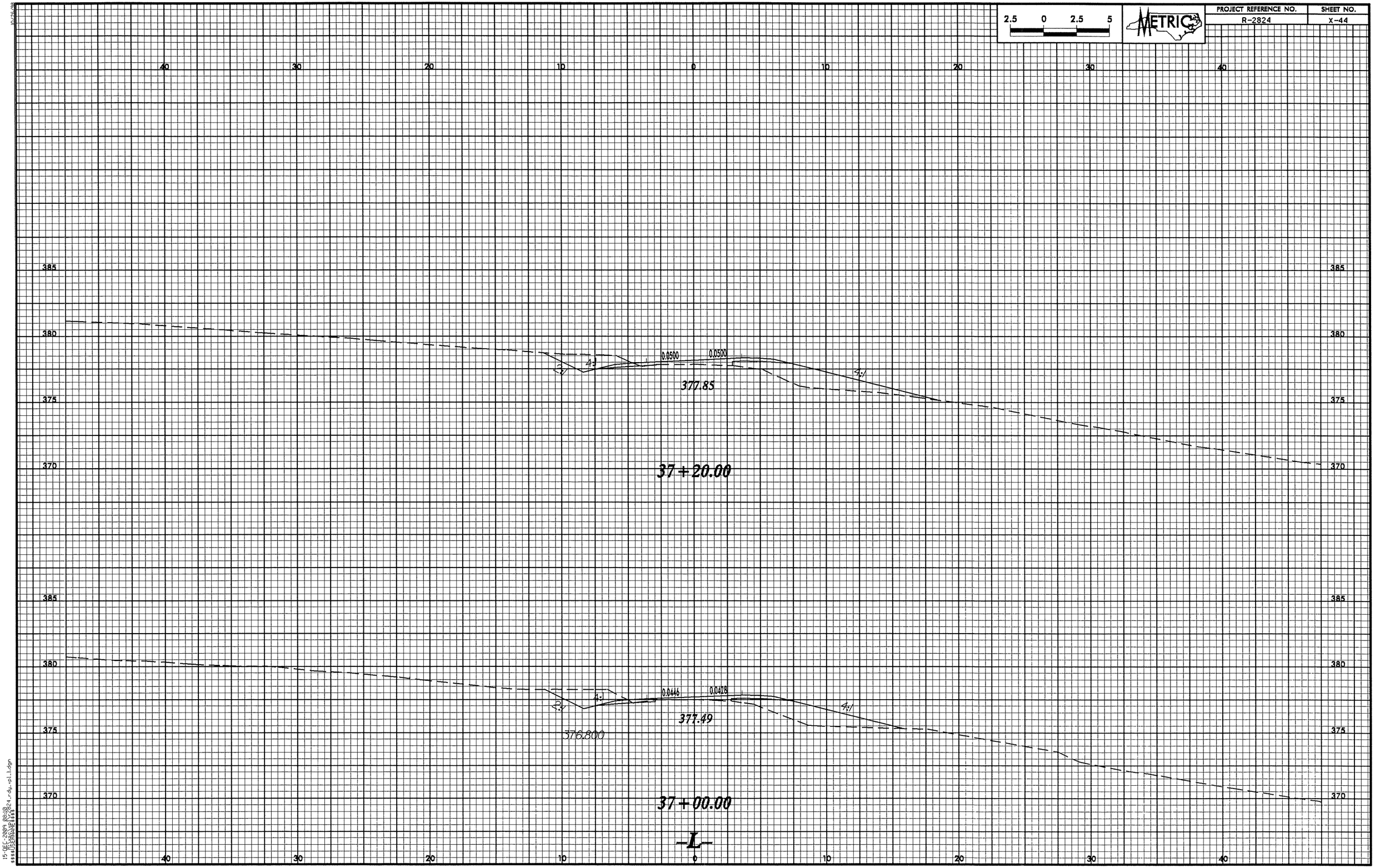
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-41
40 30 20 10 0 10 20 30 40
380
375
370
0.0200
0.0200
2:1
4:1
3:1
372.090
372.93
36+00.00
371.86
35+80.00
370.97
35+60.00
-L-



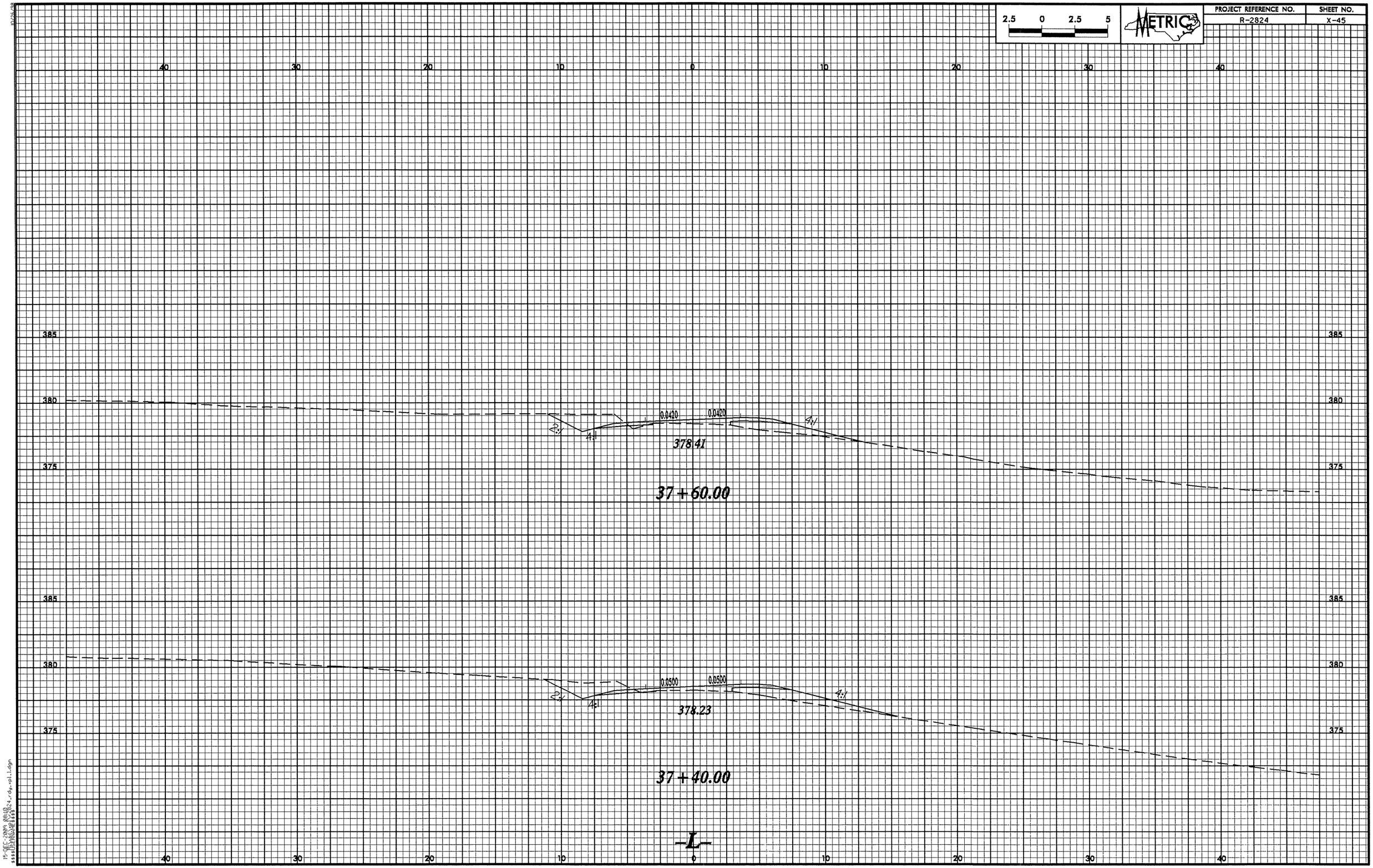
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-42
40 30 20 10 0 10 20 30 40
380
375
370
2:1
4:1
0.0200
0.0200
6:1
373.974
375.40
36+40.00
2:1
4:1
0.0200
0.0200
VAR.
373.032
374.21
36+20.00
-L-



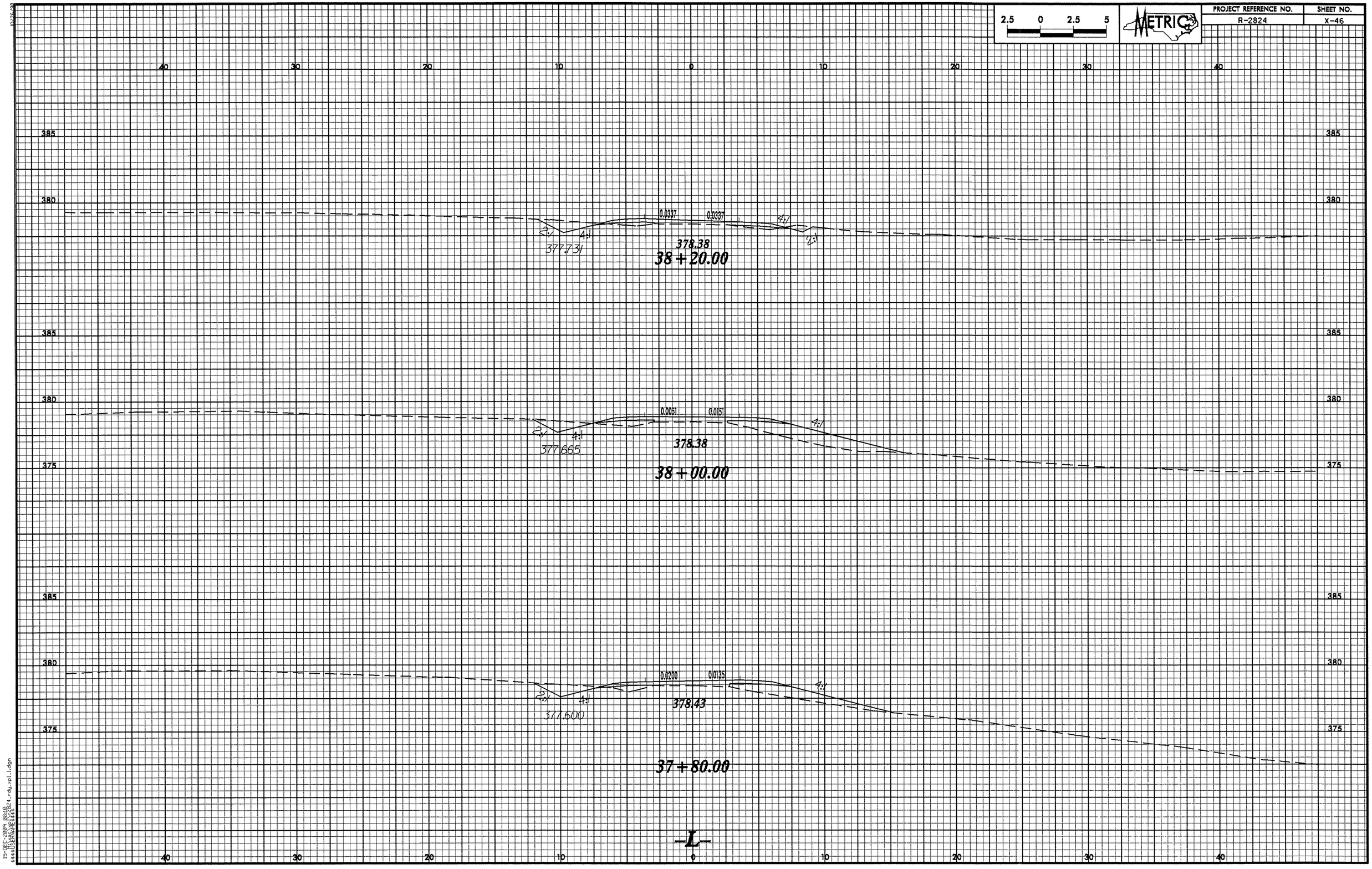
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-43
40 30 20 10 0 10 20 30 40
385
380
375
370
DRIVEWAY
2:1
4:1
0.0232
0.0143
7:1
5:1
4:1
375.858
377.02
36+80.00
2:1
4:1
0.0200
0.0143
4:1
374.916
376.38
36+60.00
-L-



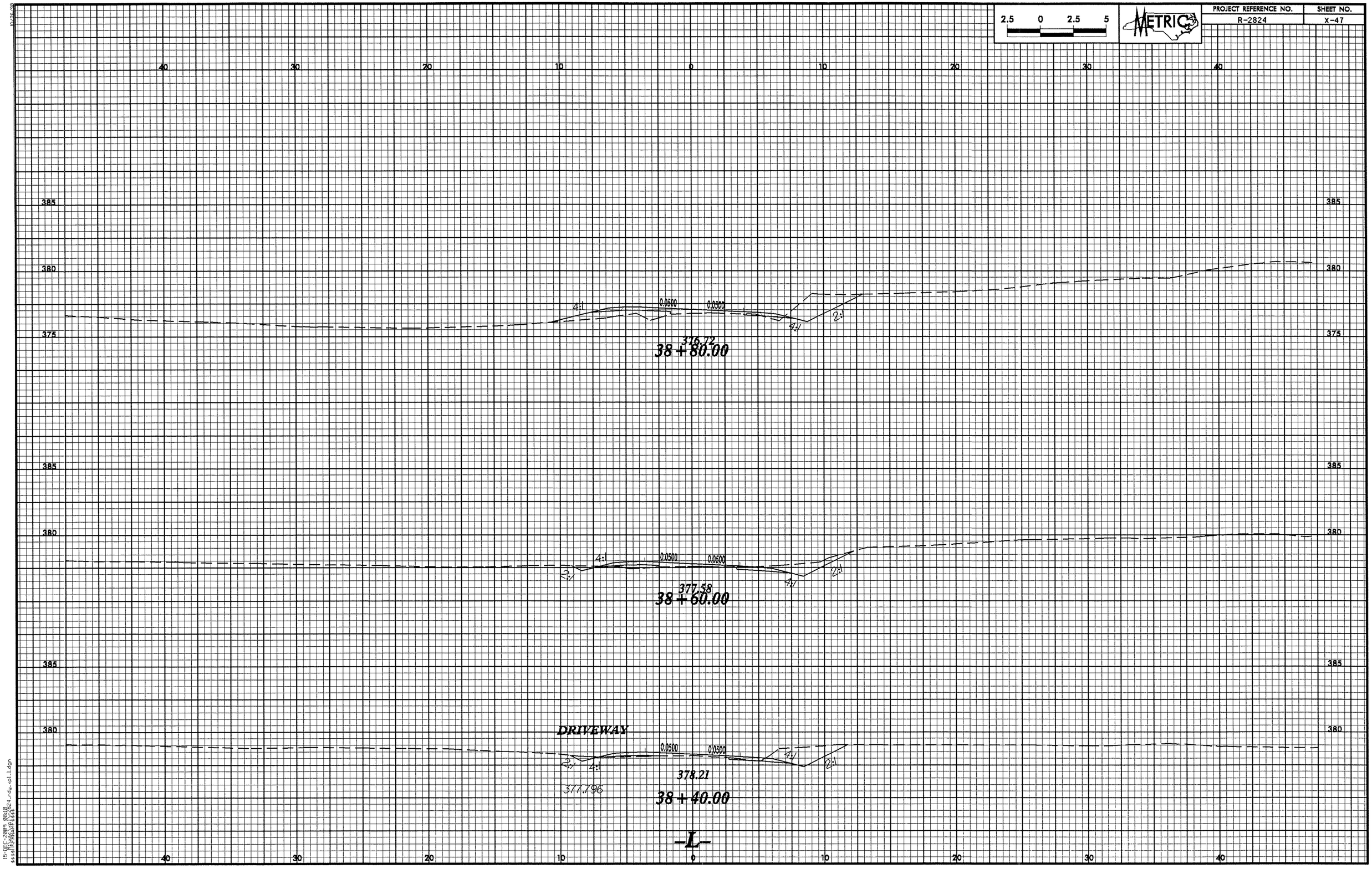
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-44
40 30 20 10 0 10 20 30 40
385
380
375
370
0.0500
0.0500
4:1
2:1
4:1
377.85
37+20.00
0.0446
0.0428
4:1
2:1
4:1
377.49
376.800
37+00.00
-L-



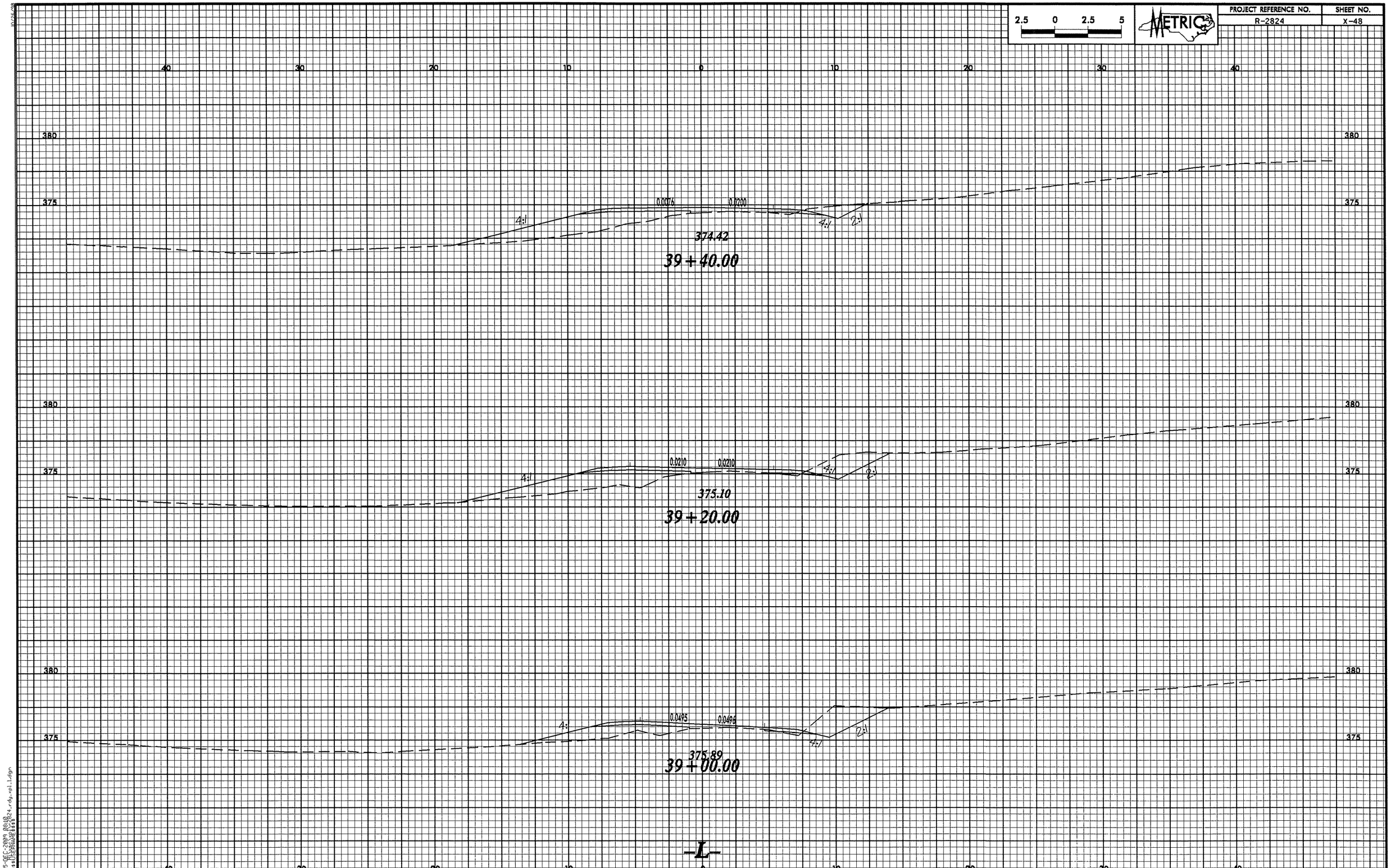
10/26/98
15-DEC-2009 08:18
$$$$USERNAME$$$$
R2824_rdy_xpl_1.dgn



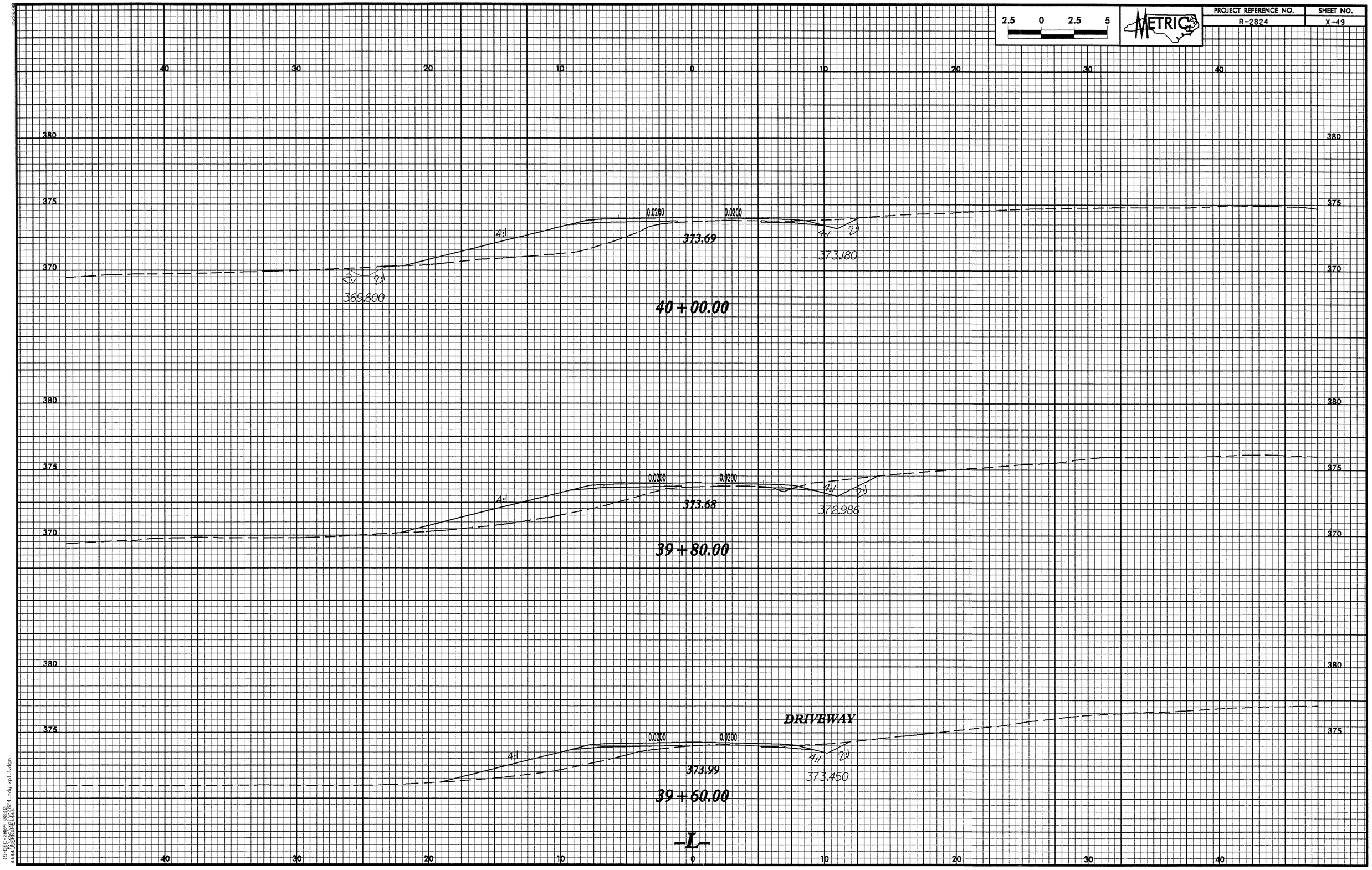
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-46
40 30 20 10 0 10 20 30 40
385
380
375
0.0337
0.0337
2:1
4:1
4:1
2:1
377.731
378.38
38+20.00
0.0051
0.0151
2:1
4:1
4:1
377.665
378.38
38+00.00
0.0200
0.0135
2:1
4:1
4:1
377.600
378.43
37+80.00
-L-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-47
40 30 20 10 0 10 20 30 40
385
380
375
4:1
0.0500
0.0500
2:1
376.72
38 + 80.00
377.58
38 + 60.00
DRIVEWAY
378.21
377.796
38 + 40.00
-L-

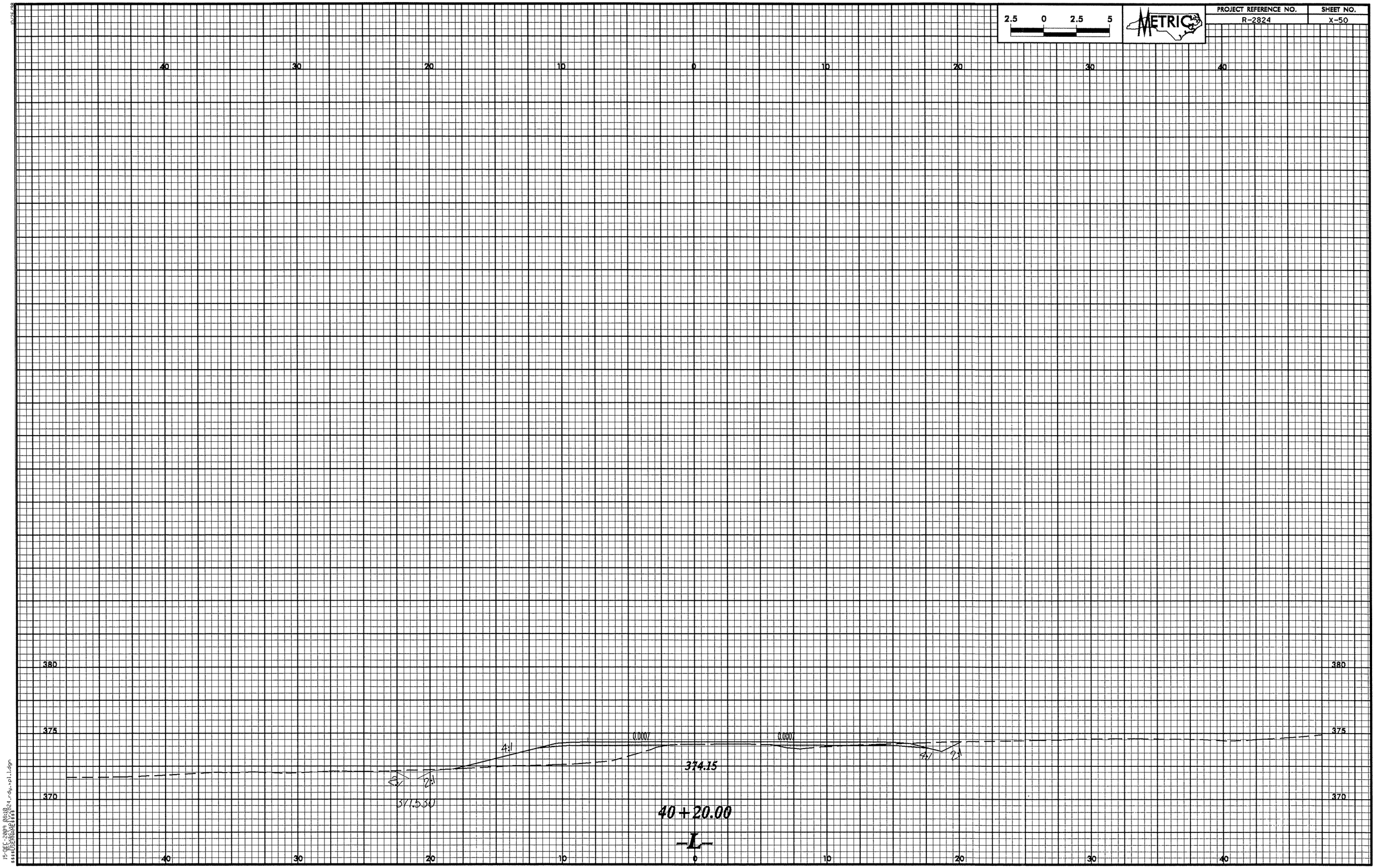


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-48
40 30 20 10 0 10 20 30 40
380
375
0.0076
0.0200
4:1
4:1
2:1
374.42
39+40.00
0.0210
0.0210
375.10
39+20.00
0.0495
0.0496
375.89
39+00.00
-L-

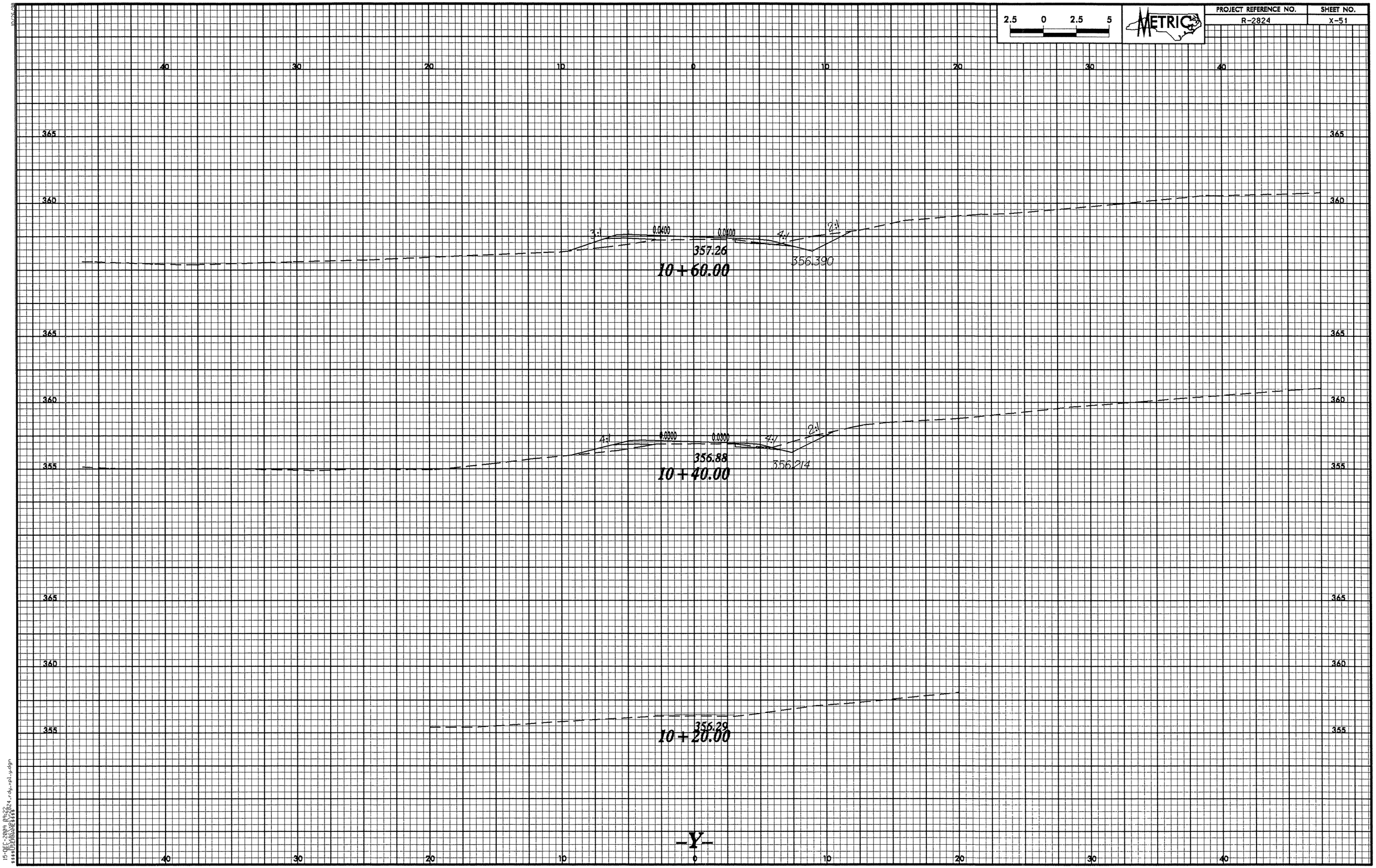


10/26/09

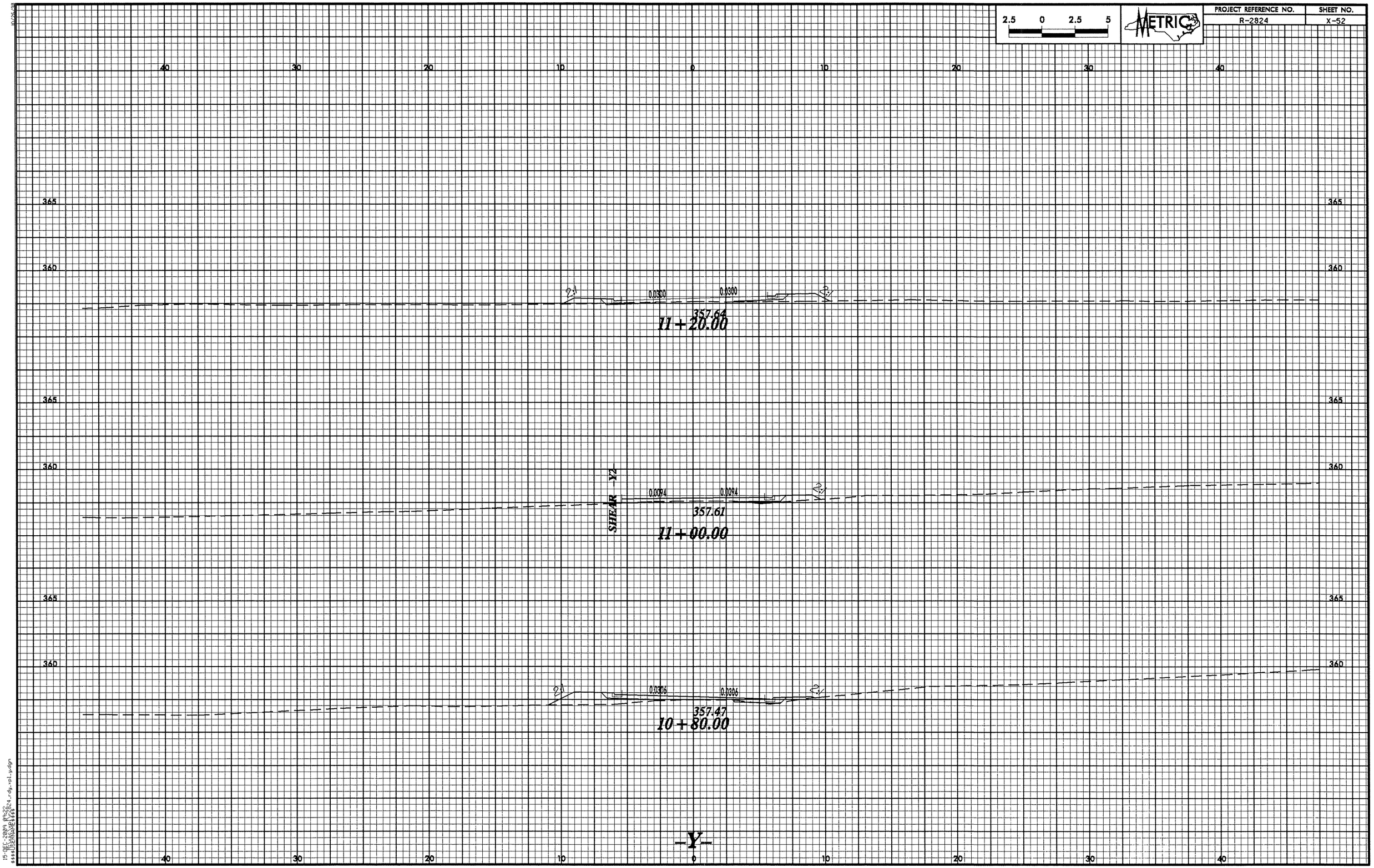
15-DEC-2009 08:18
R2824_r-dy_xpl_1.dgn



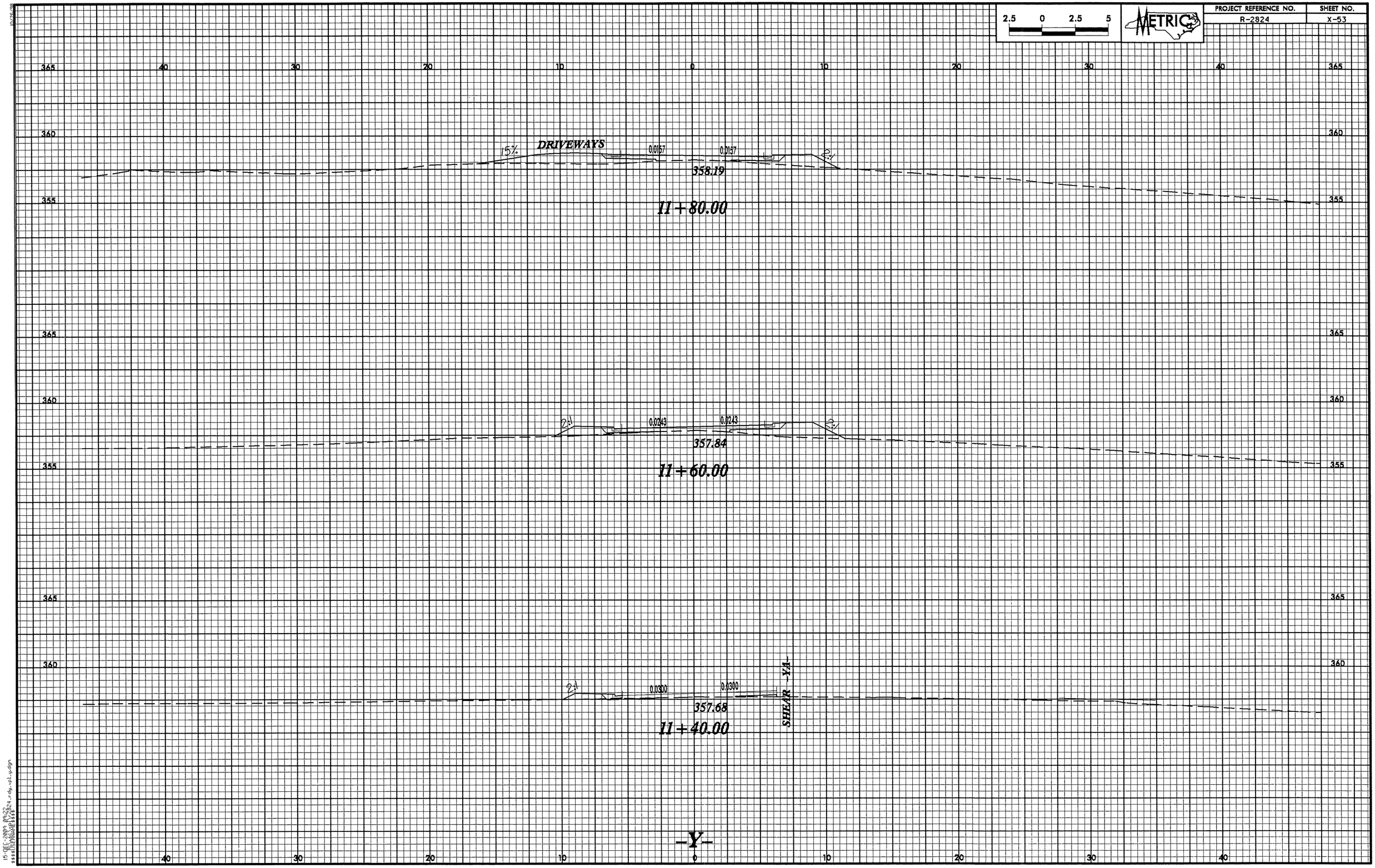
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-50
40 30 20 10 0 10 20 30 40
380
375
370
0.0007
0.0007
4:1
2:1
4:1
2:1
374.15
371.530
40 + 20.00
-L-



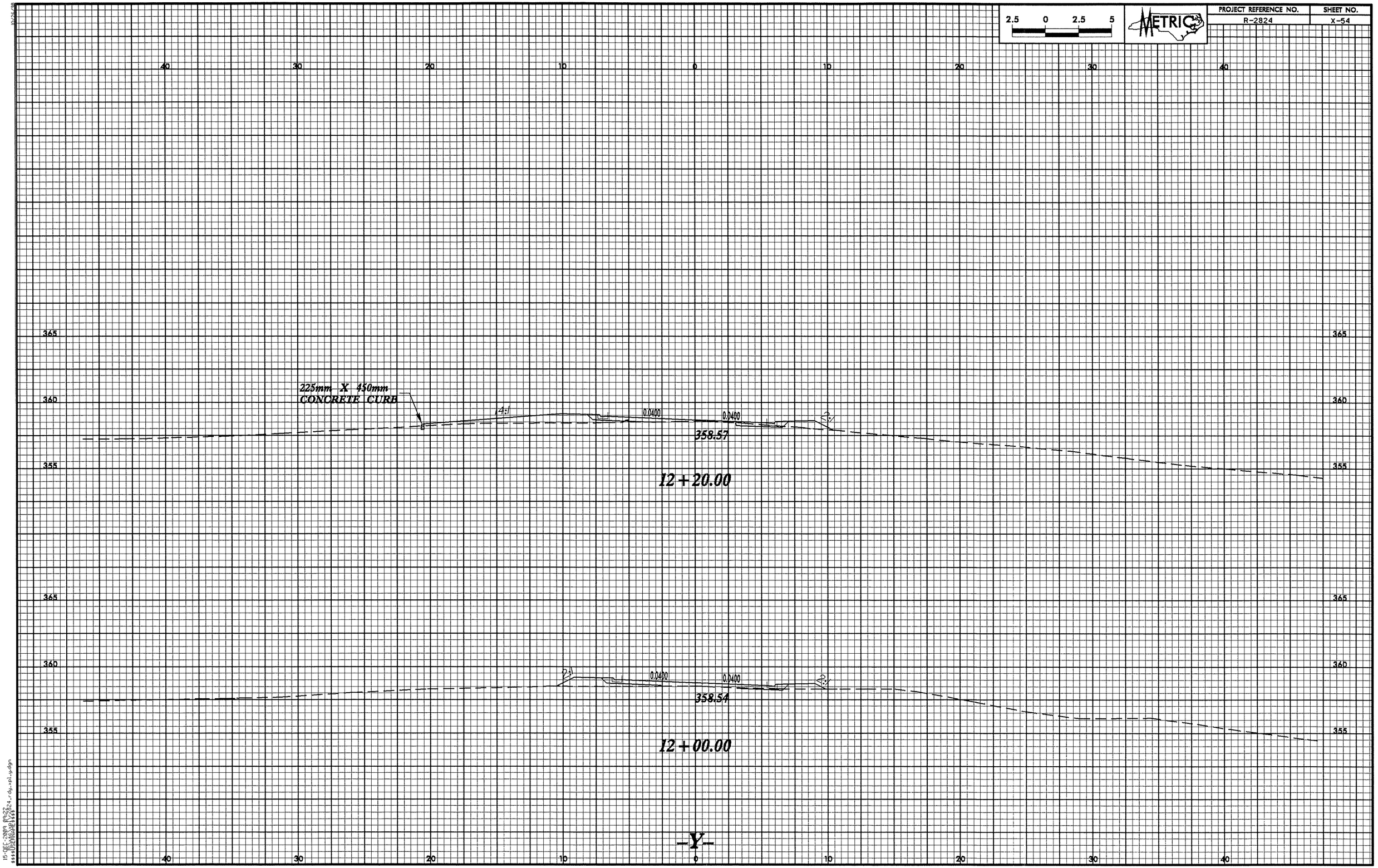
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-51
40 30 20 10 0 10 20 30 40
365
360
355
3:1
0.0400
0.0400
4:1
2:1
357.26
356.390
10+60.00
4:1
0.0300
0.0300
4:1
2:1
356.88
356.214
10+40.00
356.29
10+20.00
-Y-



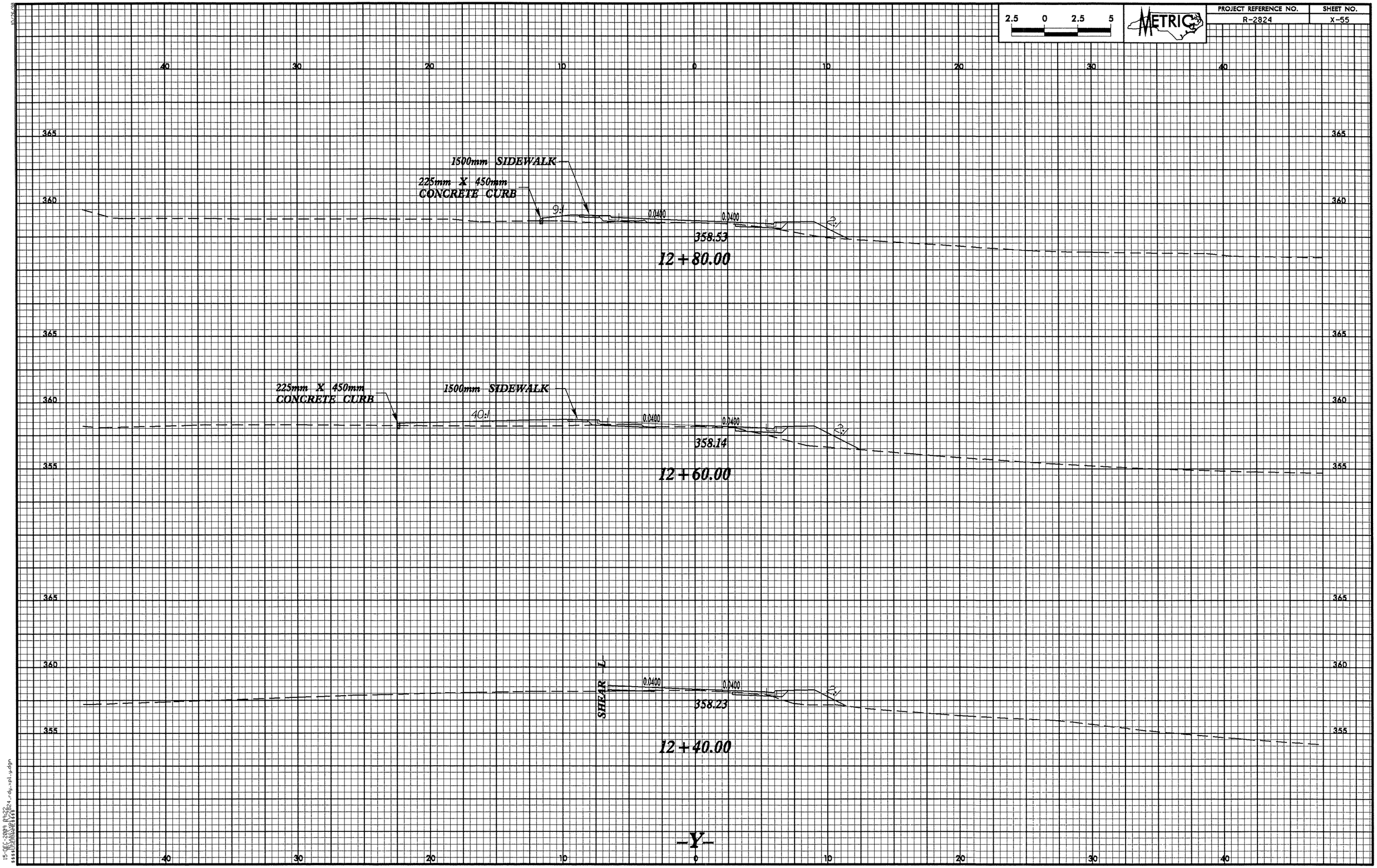
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-52
40 30 20 10 0 10 20 30 40
365
360
2:1
0.0300
0.0300
357.64
11+20.00
SHEAR -Y2
0.0094
0.0094
357.61
11+00.00
0.0306
0.0306
357.47
10+80.00
-Y-



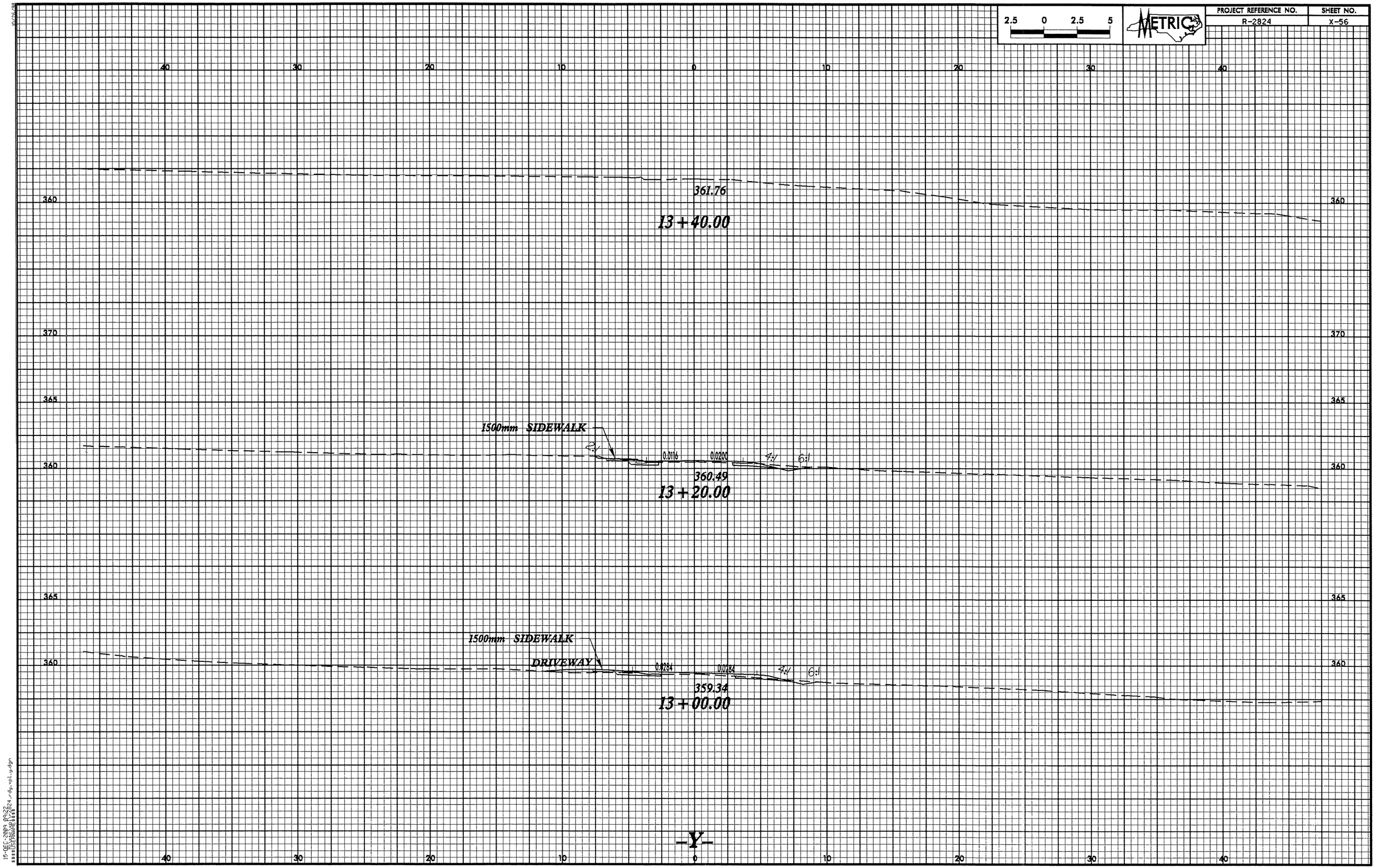
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-53
365
360
355
40
30
20
10
0
DRIVEWAYS
15%
0.0157
0.0157
2:1
358.19
11+80.00
0.0243
0.0243
357.84
11+60.00
0.0300
0.0300
357.68
11+40.00
SHEAR -YA-
-Y-



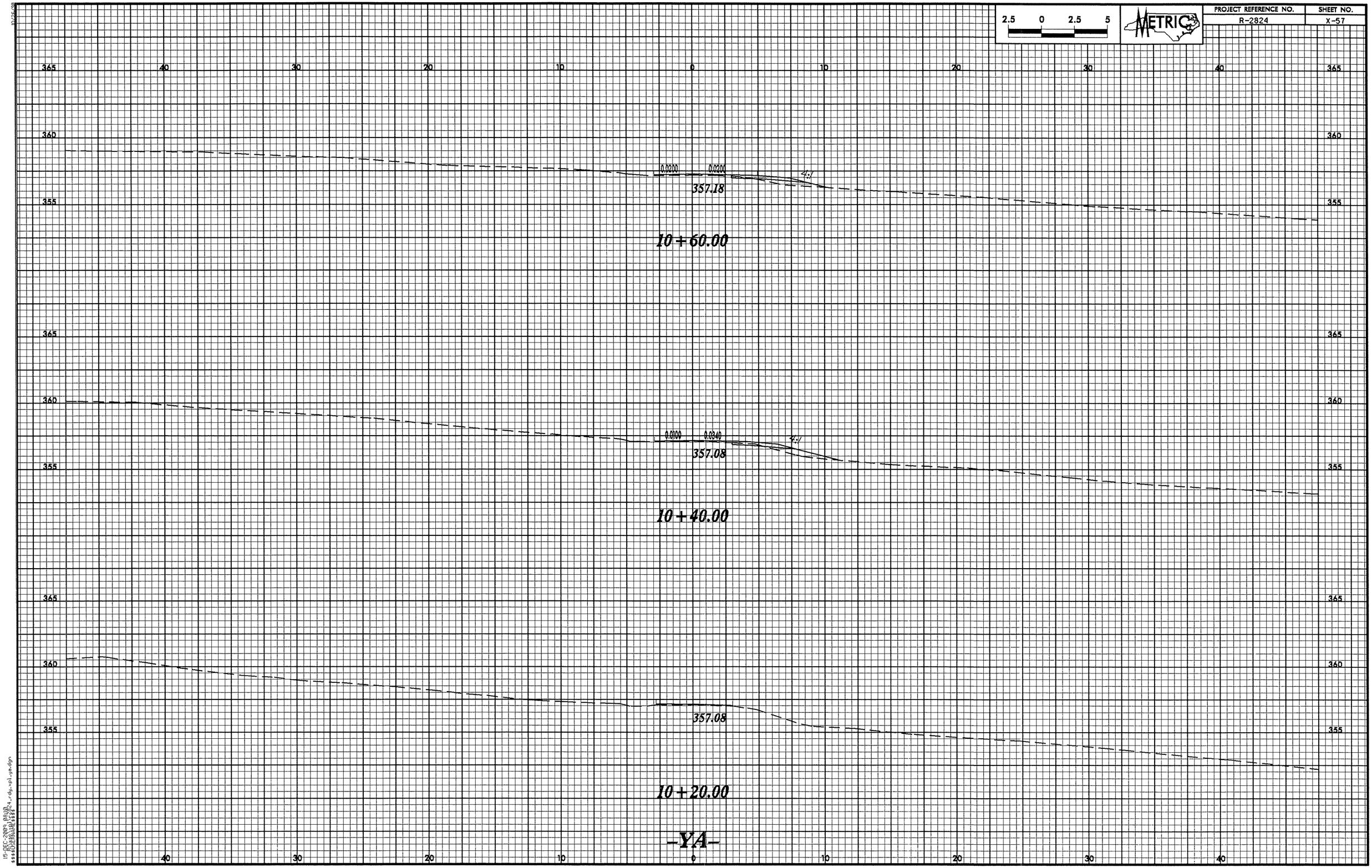
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-54
40 30 20 10 0 10 20 30 40
365
360
355
225mm X 450mm
CONCRETE CURB
4:1
0.0400
0.0400
2:1
358.57
12+20.00
2:1
0.0400
0.0400
2:1
358.54
12+00.00
-Y-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-55
1500mm SIDEWALK
225mm X 450mm
CONCRETE CURB
9:1
0.0400
0.0400
2:1
358.53
12+80.00
225mm X 450mm
CONCRETE CURB
1500mm SIDEWALK
40:1
0.0400
0.0400
2:1
358.14
12+60.00
SHEAR L
0.0400
0.0400
2:1
358.23
12+40.00
-Y-



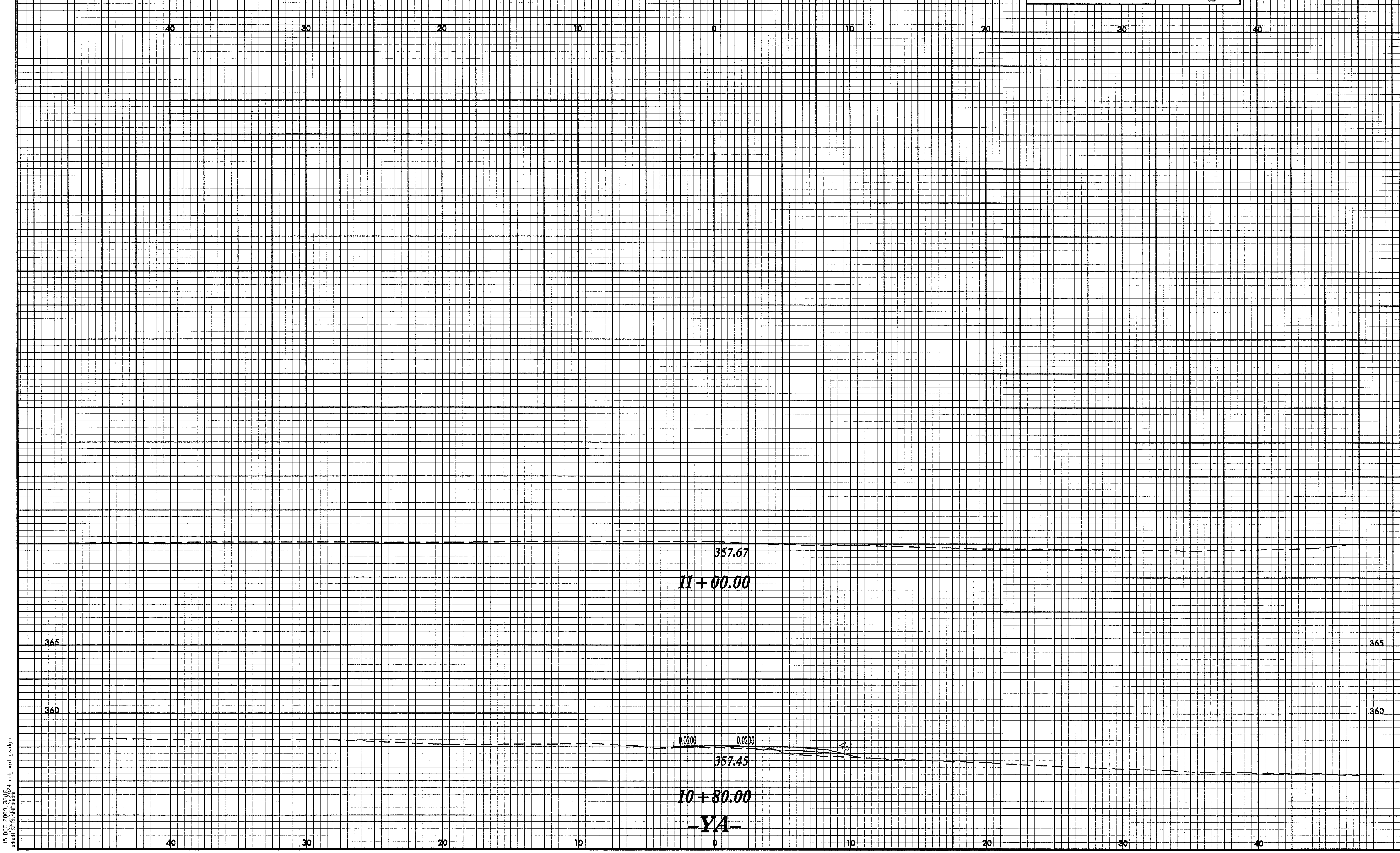
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-56
40 30 20 10 0 10 20 30 40
360
370
365
361.76
13+40.00
1500mm SIDEWALK
2:1
0.0116
0.0200
4:1
6:1
360.49
13+20.00
1500mm SIDEWALK
DRIVEWAY
0.0284
0.0284
4:1
6:1
359.34
13+00.00
-Y-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-57
365
360
355
40
30
20
10
0
0.0200
0.0200
4:1
357.18
10+60.00
0.0100
0.0340
4:1
357.08
10+40.00
357.08
10+20.00
-YA-

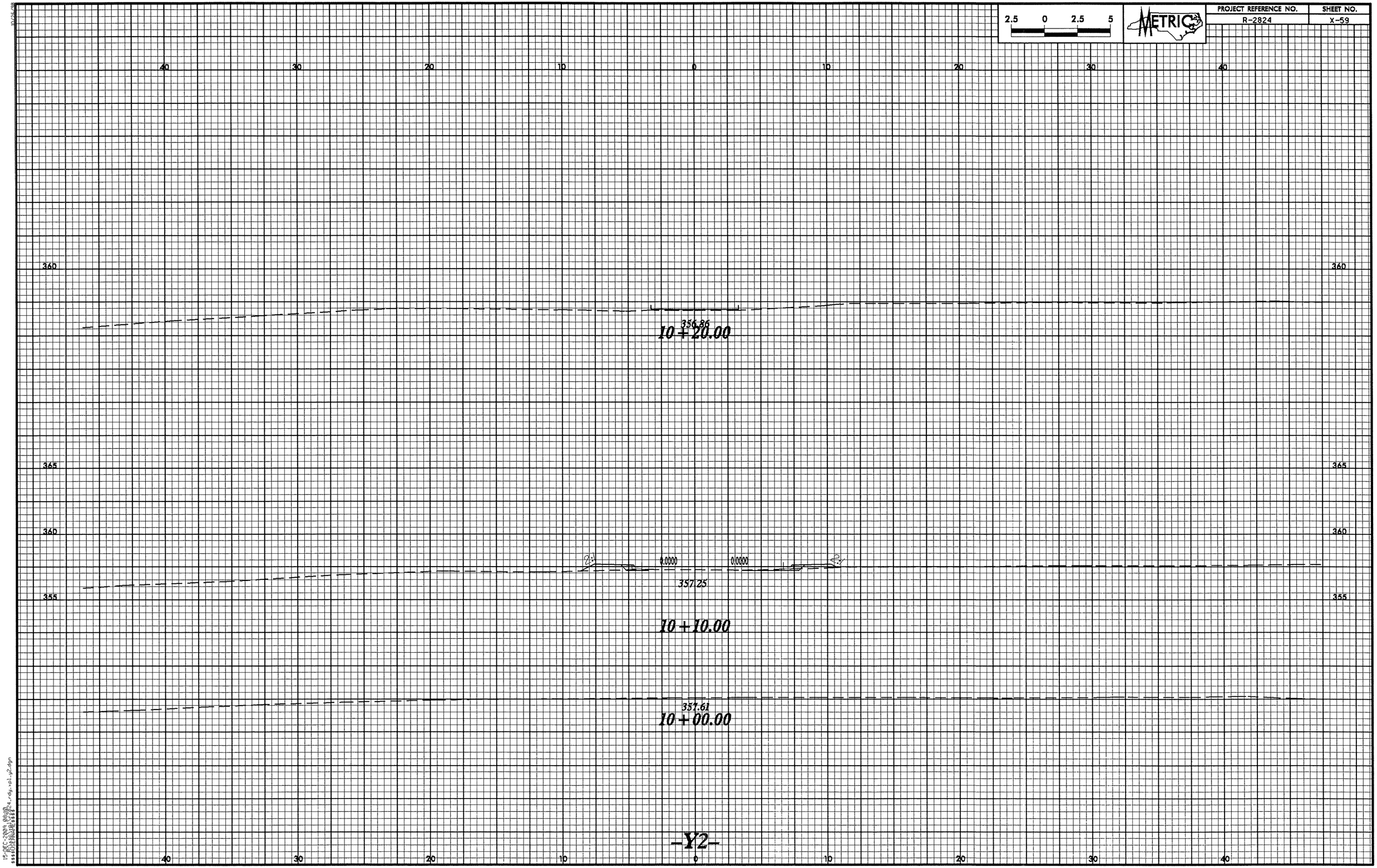
PROJECT REFERENCE NO.	SHEET NO.
R-2824	X-58

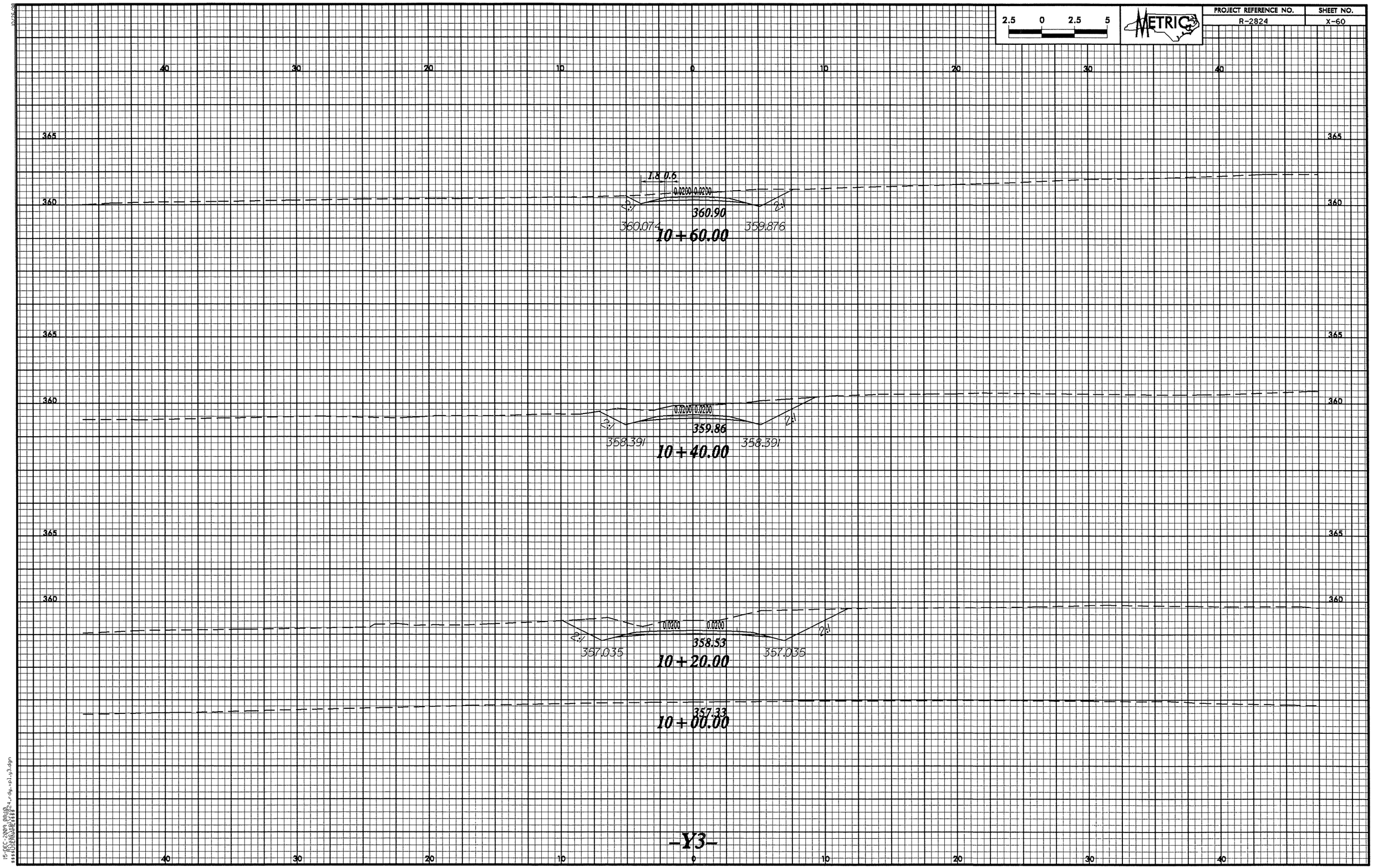
METRIC



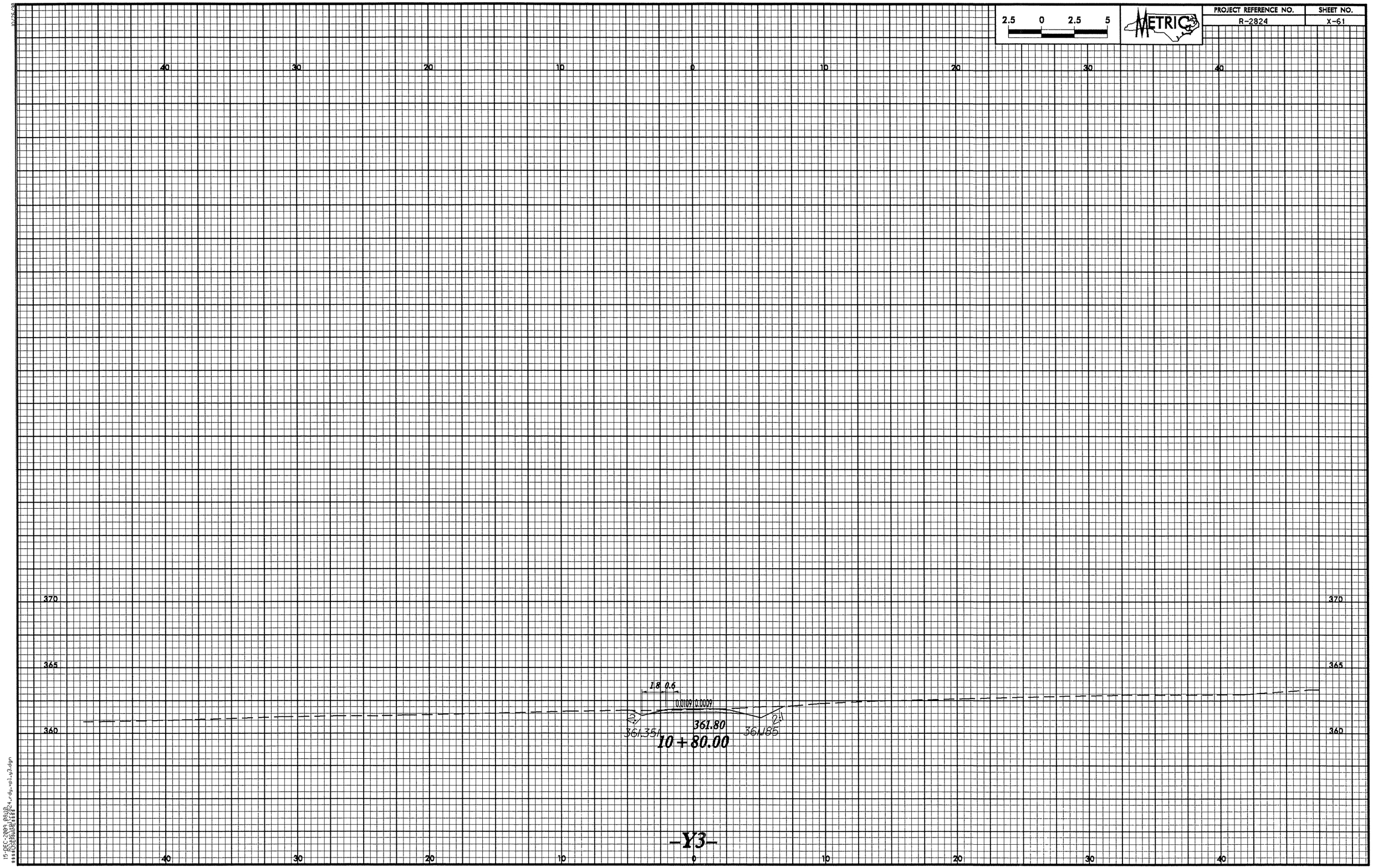
10/26/98

15-DEC-2009 08:10
R:\xsc\xpl\r2824_rdy_xpl_ya.dgn
$$$$USERNAME$$$$

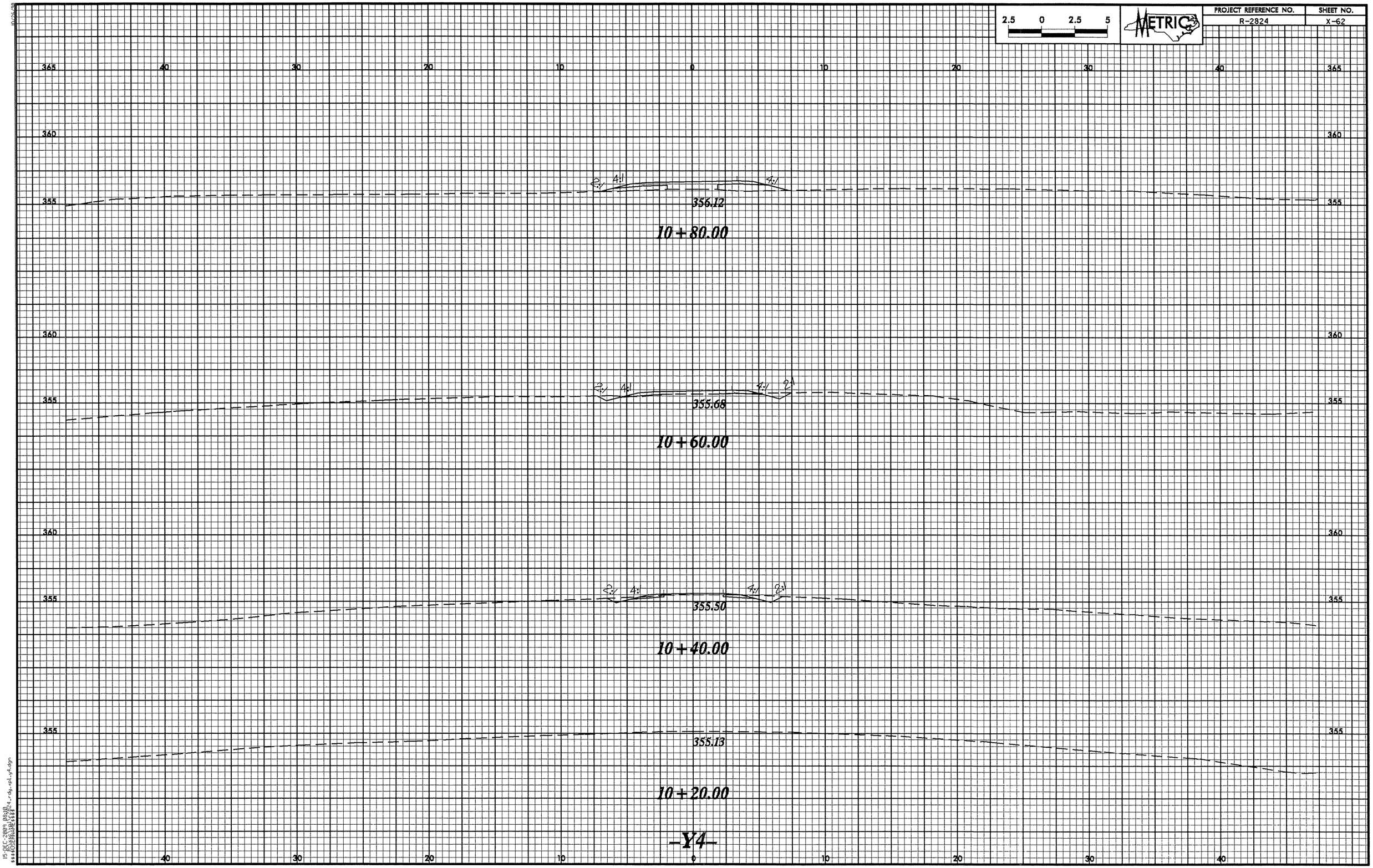

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-59
40
30
20
10
0
10
20
30
40
360
365
360
355
356.86
10+20.00
0.0000
0.0000
357.25
10+10.00
357.61
10+00.00
-Y2-



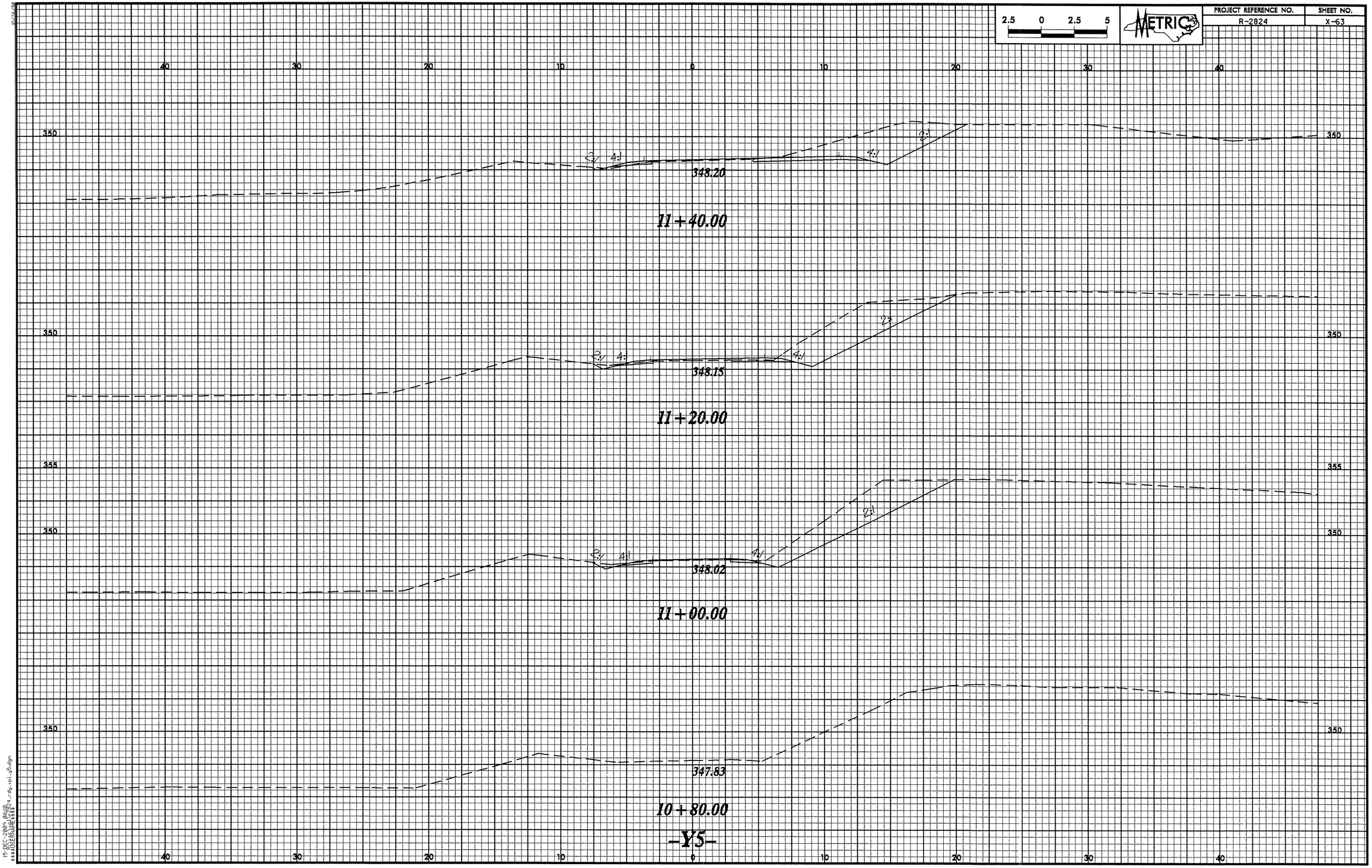
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-60
40 30 20 10 0 10 20 30 40
365
360
1.8 0.6
0.0200 0.0200
2:1
360.90
360.074
359.876
10+60.00
0.0200 0.0200
359.86
358.391
358.391
10+40.00
0.0200 0.0200
358.53
357.035
357.035
10+20.00
357.33
10+00.00
-Y3-



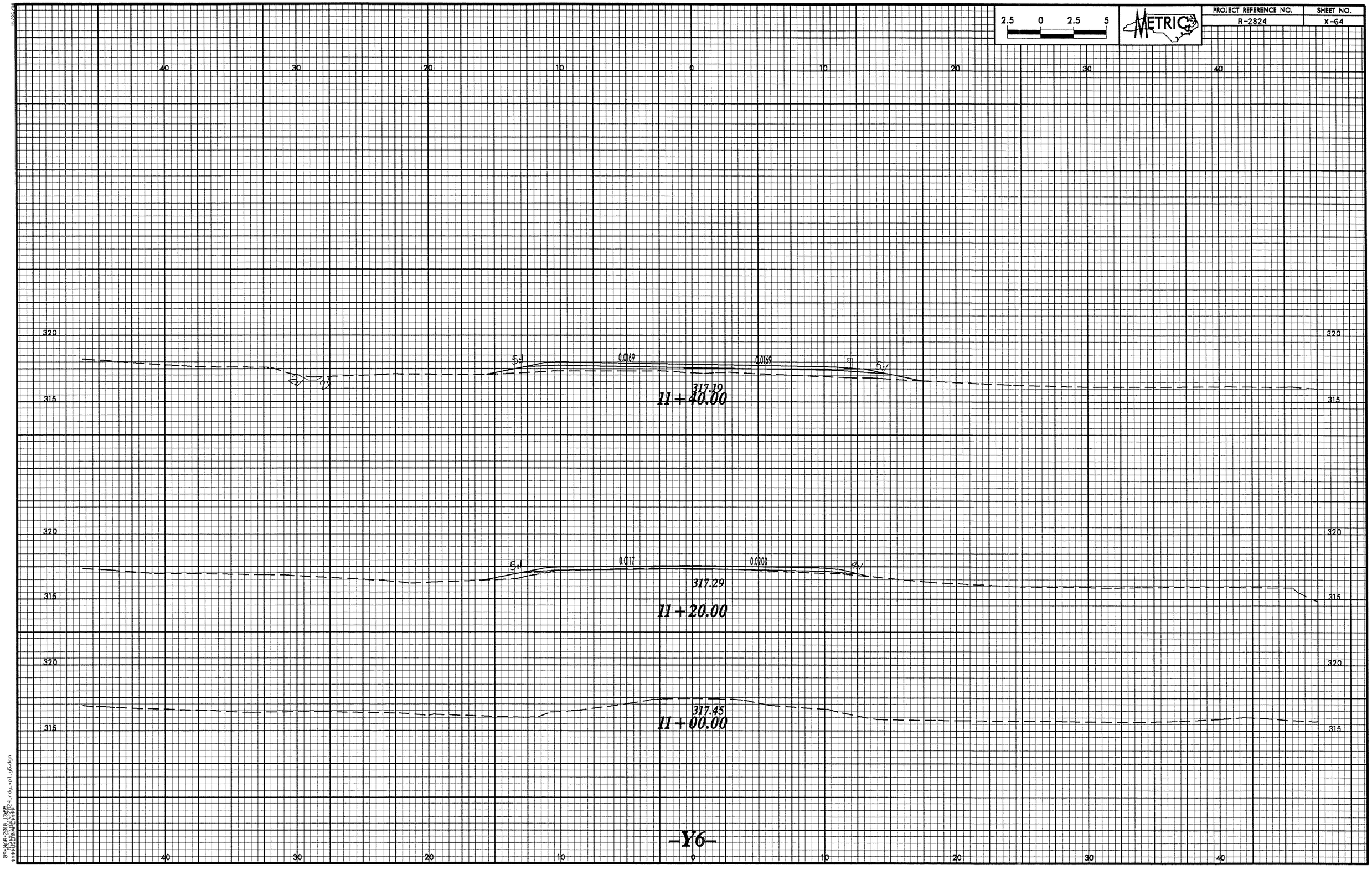
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-61
40 30 20 10 0 10 20 30 40
370
365
360
1.8 0.6
0.0109 0.0009
2:1
361.351
361.80
361.185
10 + 80.00
-Y3-



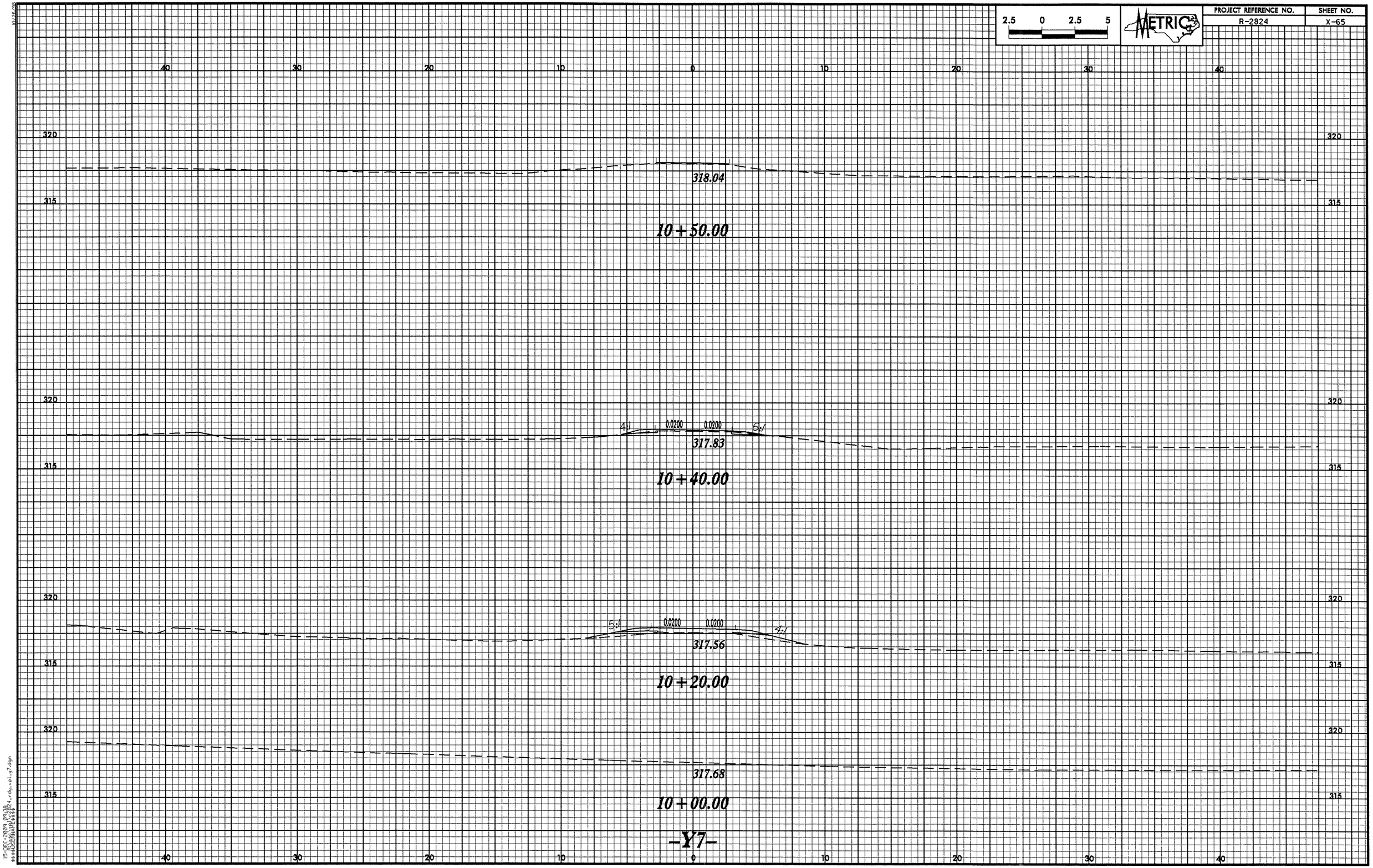
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-62
365
360
355
40
30
20
10
0
10
20
30
40
2:1
4:1
4:1
356.12
10+80.00
2:1
4:1
4:1
2:1
355.68
10+60.00
2:1
4:1
4:1
2:1
355.50
10+40.00
355.13
10+20.00
-Y4-



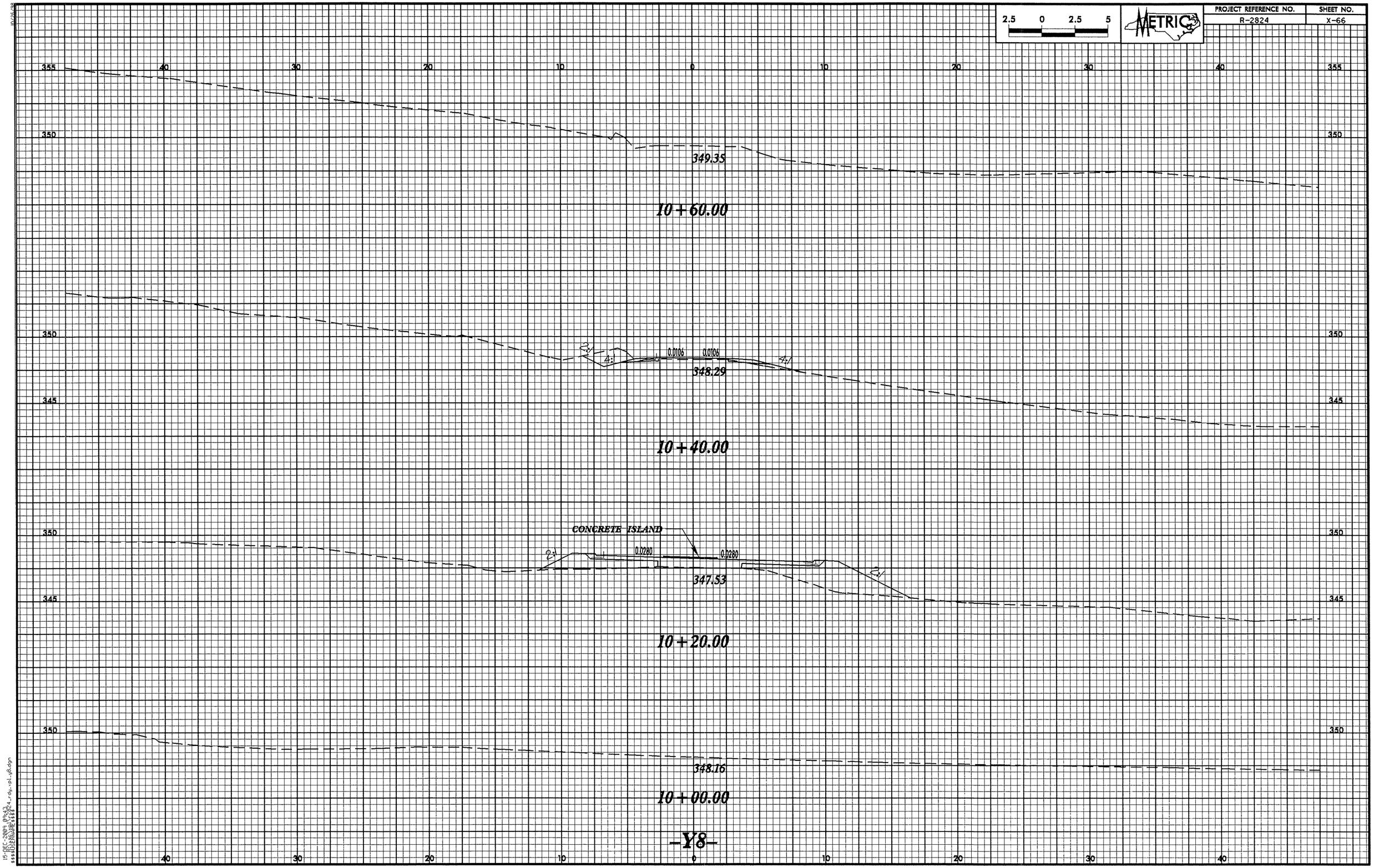
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-63
40 30 20 10 0 10 20 30 40
350
2:1
4:1
348.20
11+40.00
348.15
11+20.00
355
348.02
11+00.00
347.83
10+80.00
-Y5-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-64
40 30 20 10 0 10 20 30 40
320
315
5:1
0.0169
0.0169
5:1
2:1
2:1
317.19
11+40.00
5:1
0.0117
0.0200
4:1
317.29
11+20.00
317.45
11+00.00
-Y6-



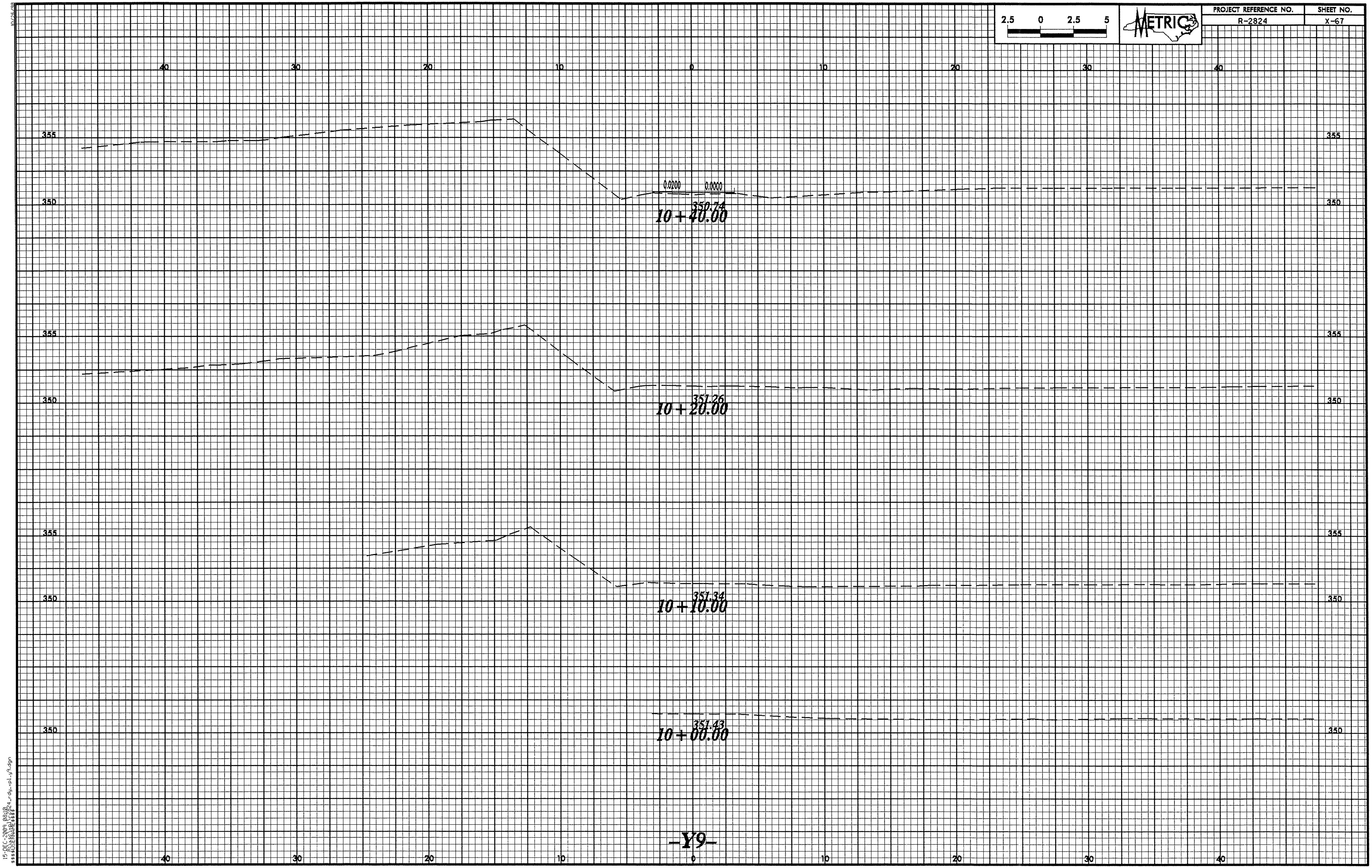
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-65
40 30 20 10 0 10 20 30 40
320
315
318.04
10+50.00
4:1
0.0200
0.0200
6:1
317.83
10+40.00
5:1
0.0200
0.0200
4:1
317.56
10+20.00
317.68
10+00.00
-Y7-


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-66
355
350
345
40
30
20
10
0
349.35
10+60.00
0.0106
0.0106
348.29
10+40.00
CONCRETE ISLAND
0.0280
0.0280
347.53
10+20.00
348.16
10+00.00
-Y8-

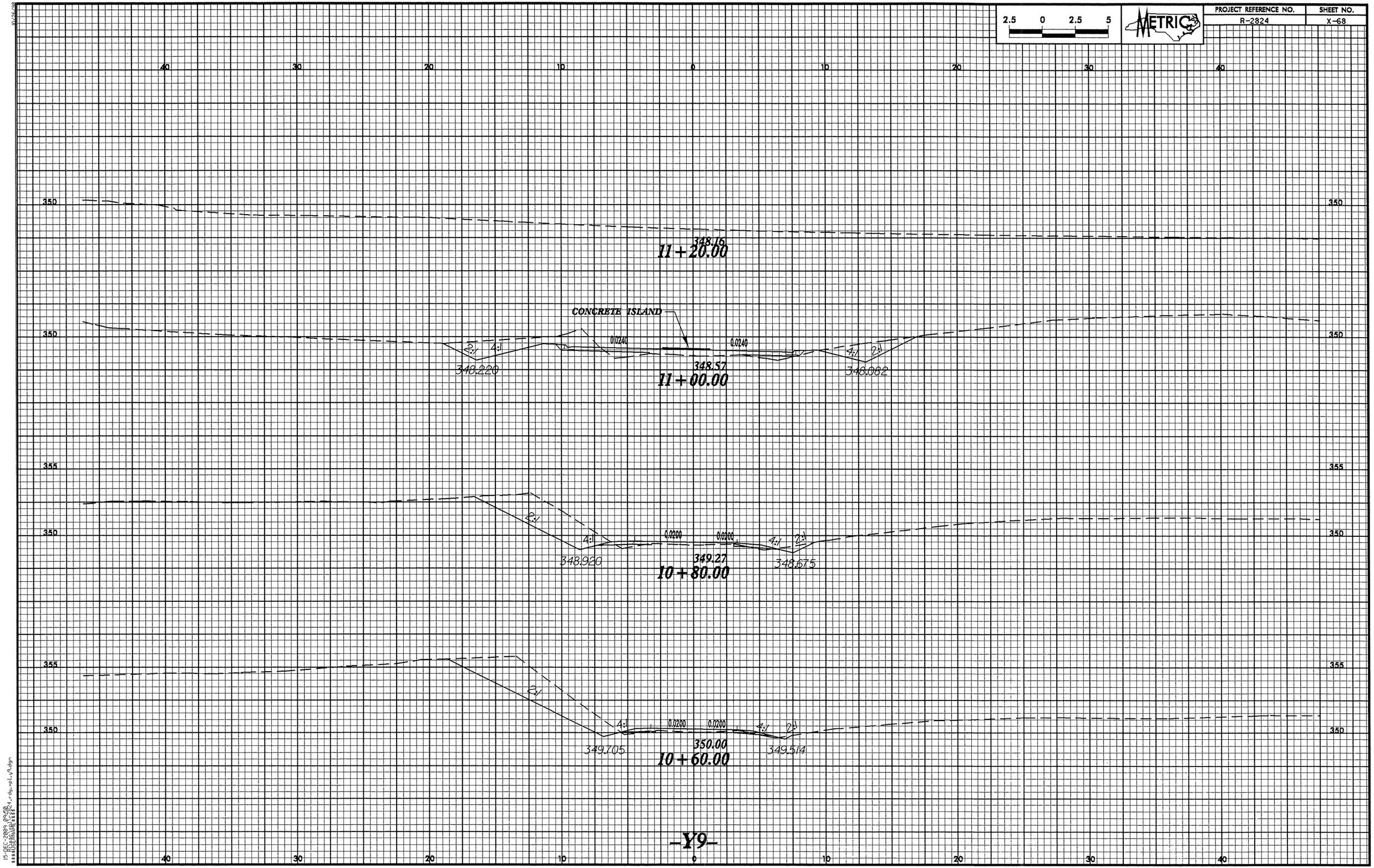
PROJECT REFERENCE NO.	SHEET NO.
R-2824	X-67

METRIC

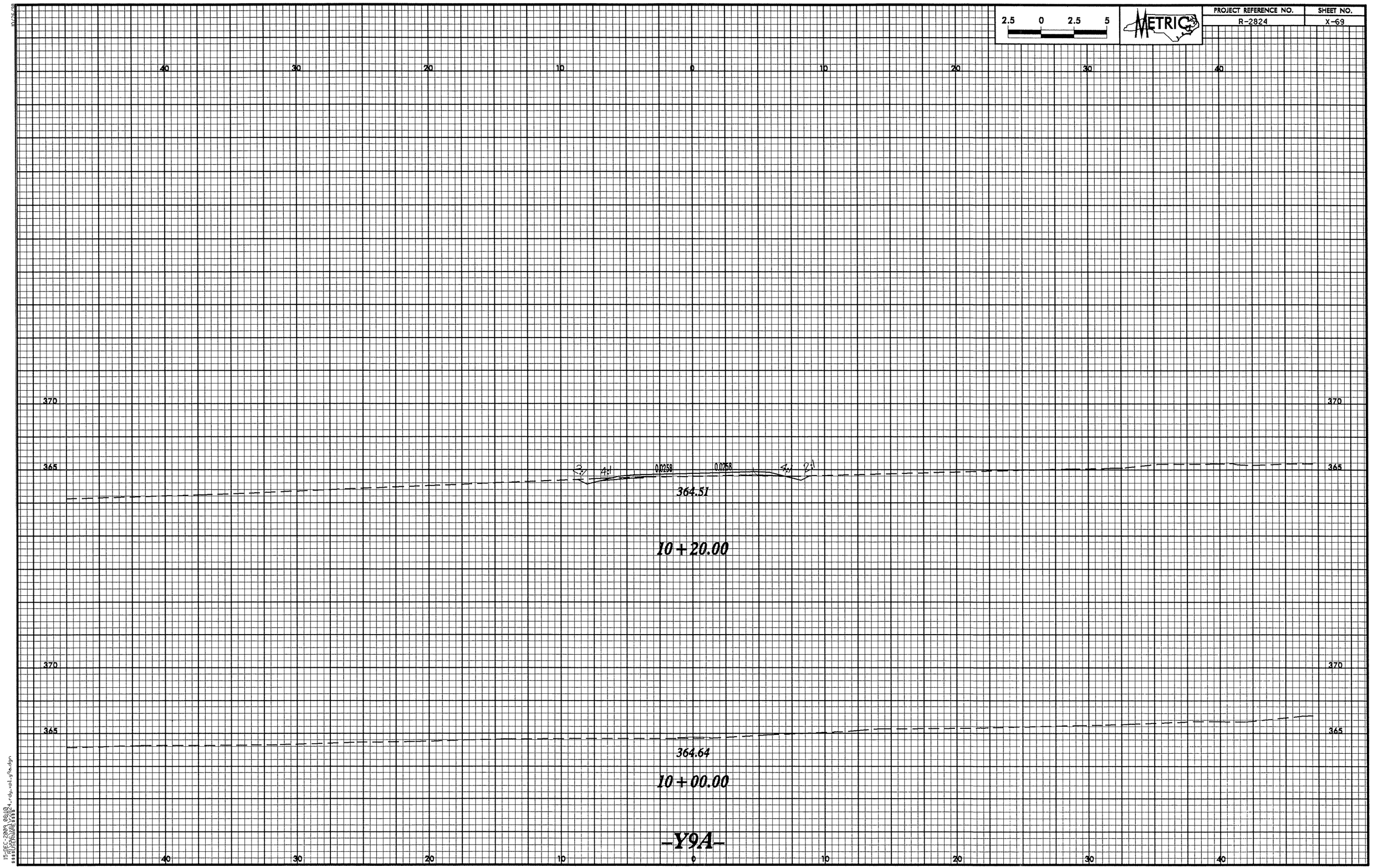
2.5 0 2.5 5

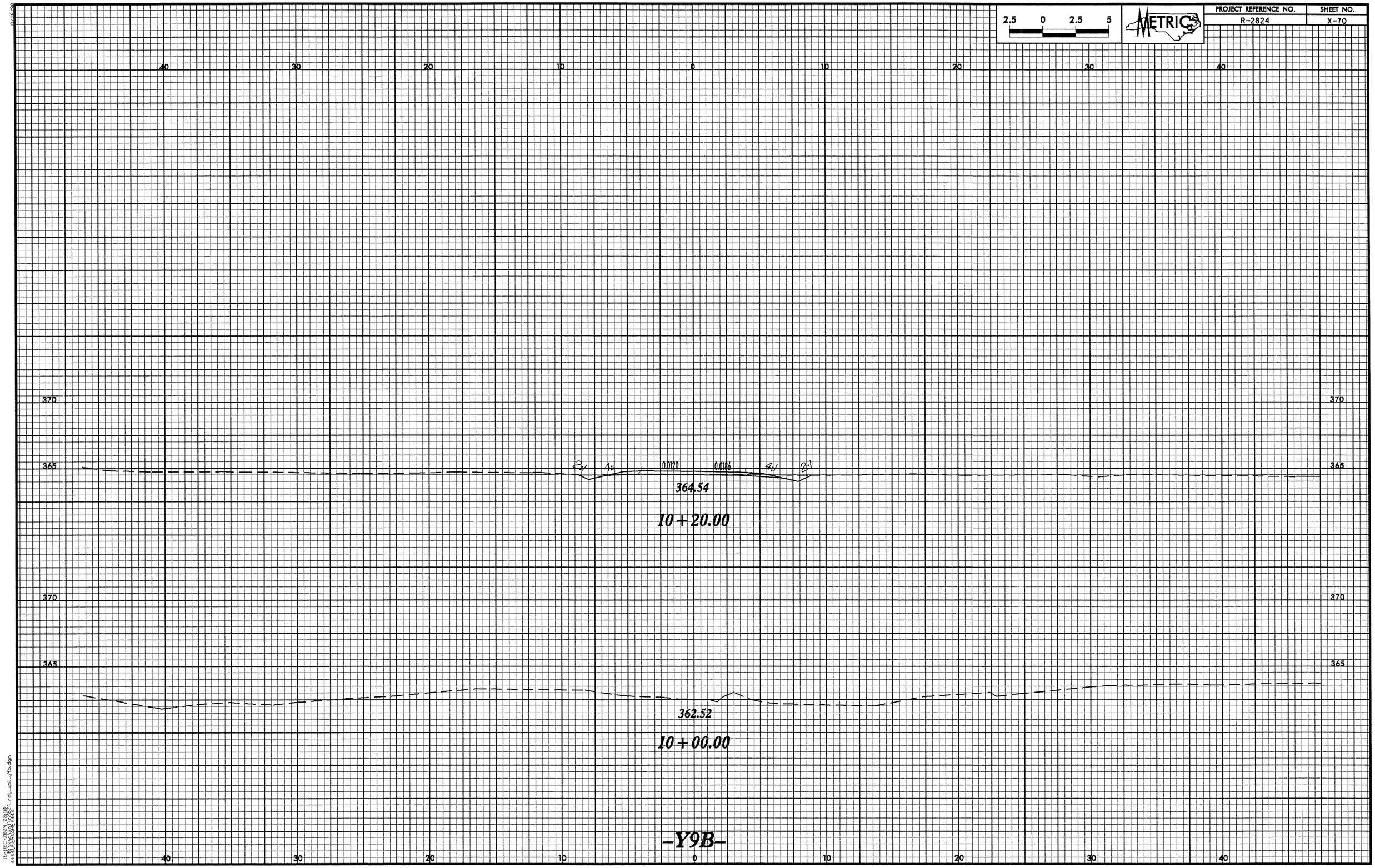


10/26/98
15-DEC-2009 08:10
R:\...\r2824_rdy_xpl_y9.dgn
$$$$USERNAME$$$$

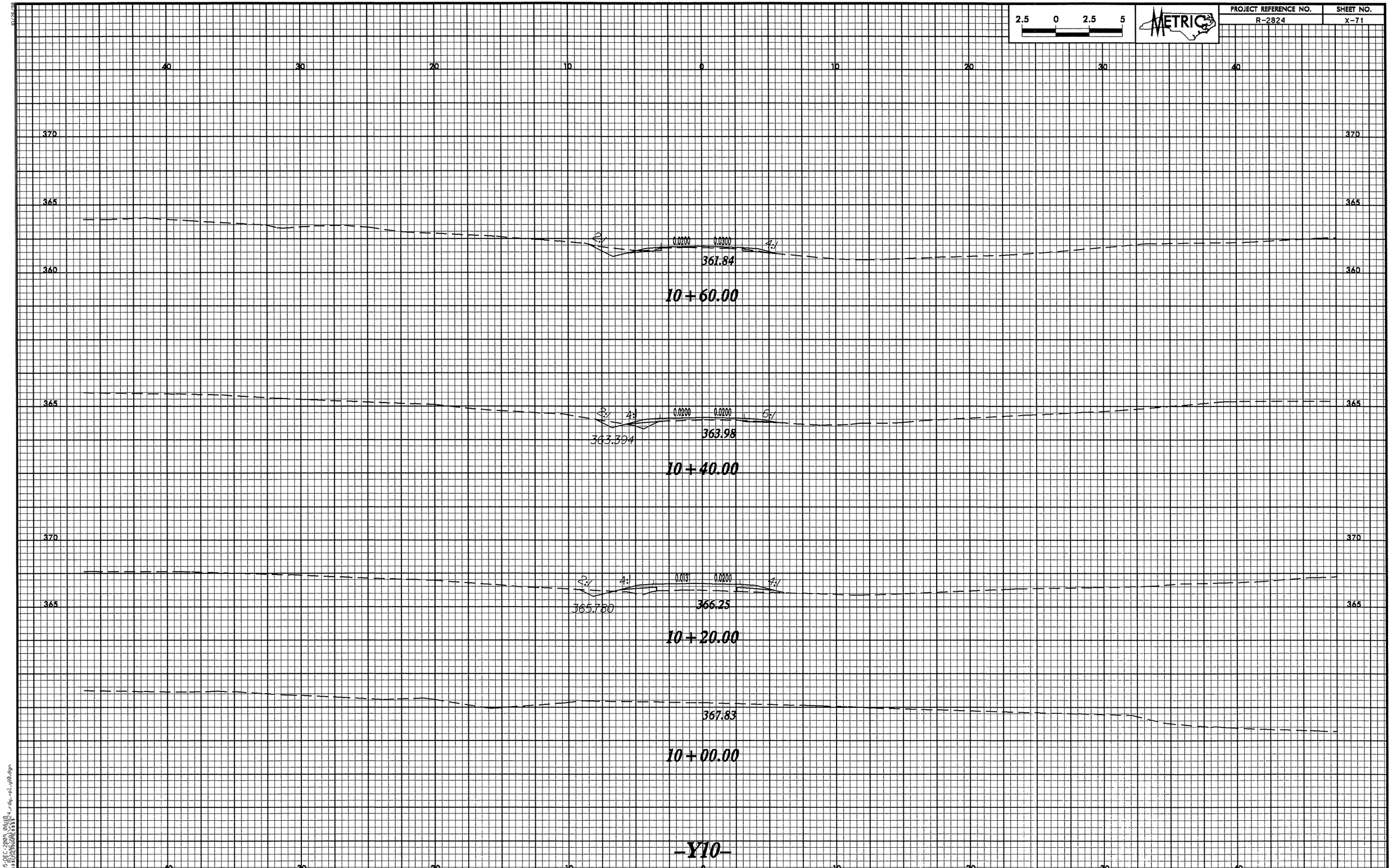


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-68
40 30 20 10 0 10 20 30 40
350
348.16
11+20.00
CONCRETE ISLAND
0.0240
0.0240
2:1
4:1
348.220
348.57
11+00.00
348.082
355
0.0200
0.0200
348.920
349.27
10+80.00
348.675
349.705
350.00
10+60.00
349.514
-Y9-

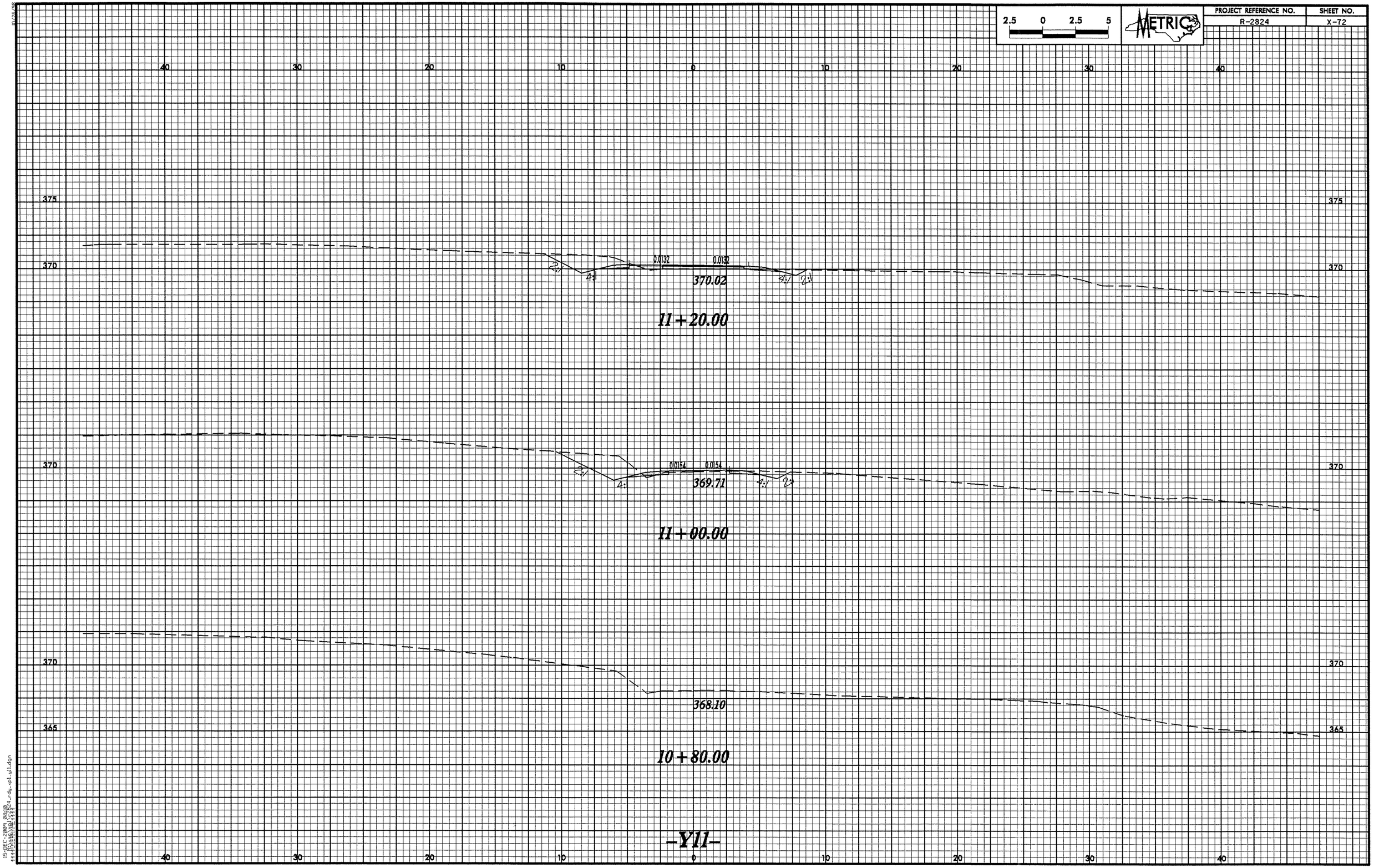

2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-69
40
30
20
10
0
10
20
30
40
370
365
3:1
4:1
0.0258
0.0258
4:1
3:1
364.51
10+20.00
370
365
364.64
10+00.00
-Y9A-
10/26/98
15-DEC-2009 08:10
R2824_rdy_xpl_y9a.dgn



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-70
40 30 20 10 0 10 20 30 40
370
365
2:1 4:1 0.0120 0.0186 4:1 2:1
364.54
10 + 20.00
370
365
362.52
10 + 00.00
-Y9B-
40 30 20 10 0 10 20 30 40

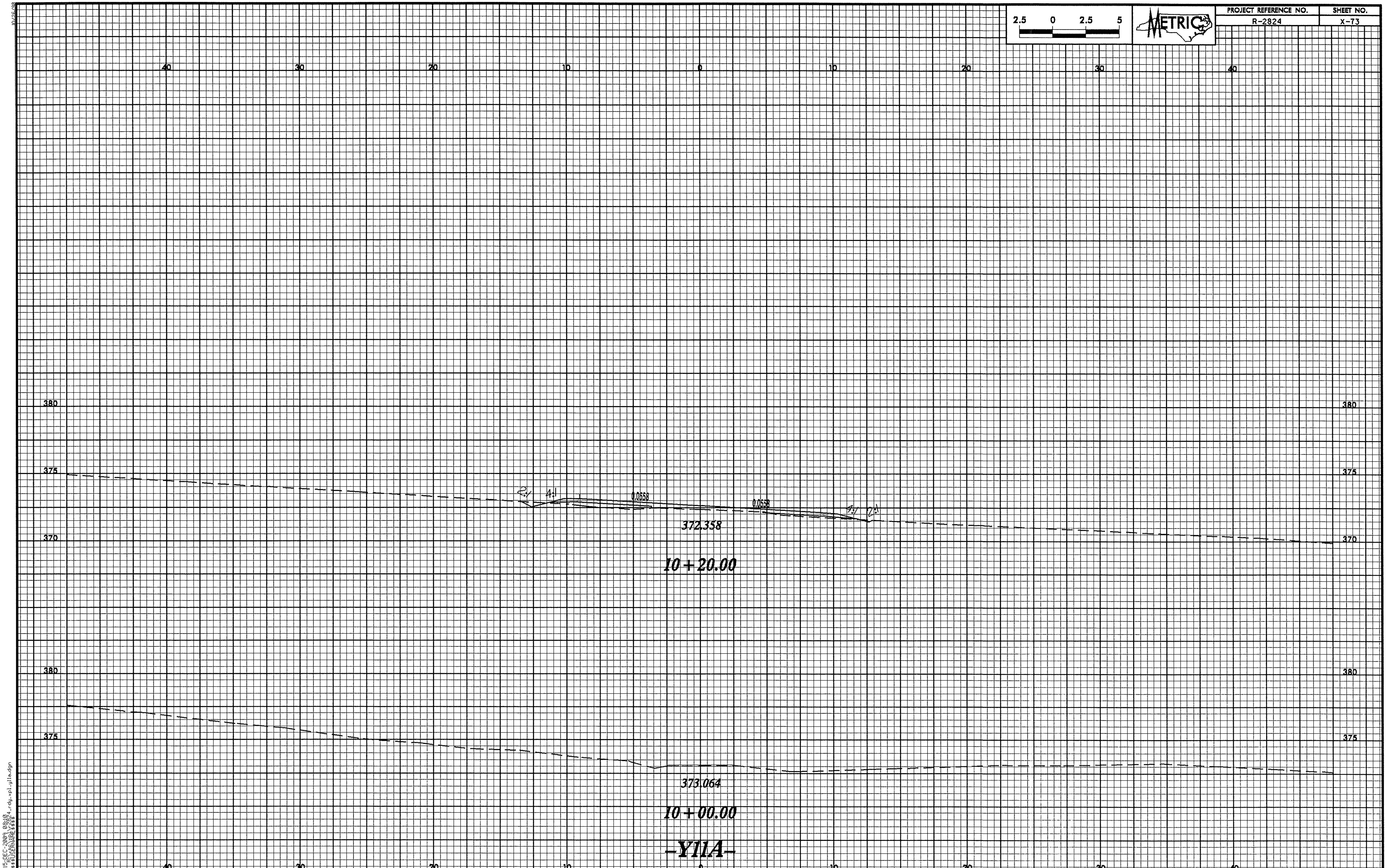


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-71
40 30 20 10 0 10 20 30 40
370
365
360
2:1
0.0200
0.0300
4:1
361.84
10+60.00
2:1
4:1
0.0200
0.0200
6:1
363.394
363.98
10+40.00
2:1
4:1
0.0131
0.0200
4:1
365.780
366.25
10+20.00
367.83
10+00.00
-Y10-


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-72
40 30 20 10 0 10 20 30 40
375
370
0.0132
0.0132
2:1
4:1
370.02
11+20.00
370
0.0154
0.0154
369.71
11+00.00
370
368.10
365
10+80.00
-Y11-

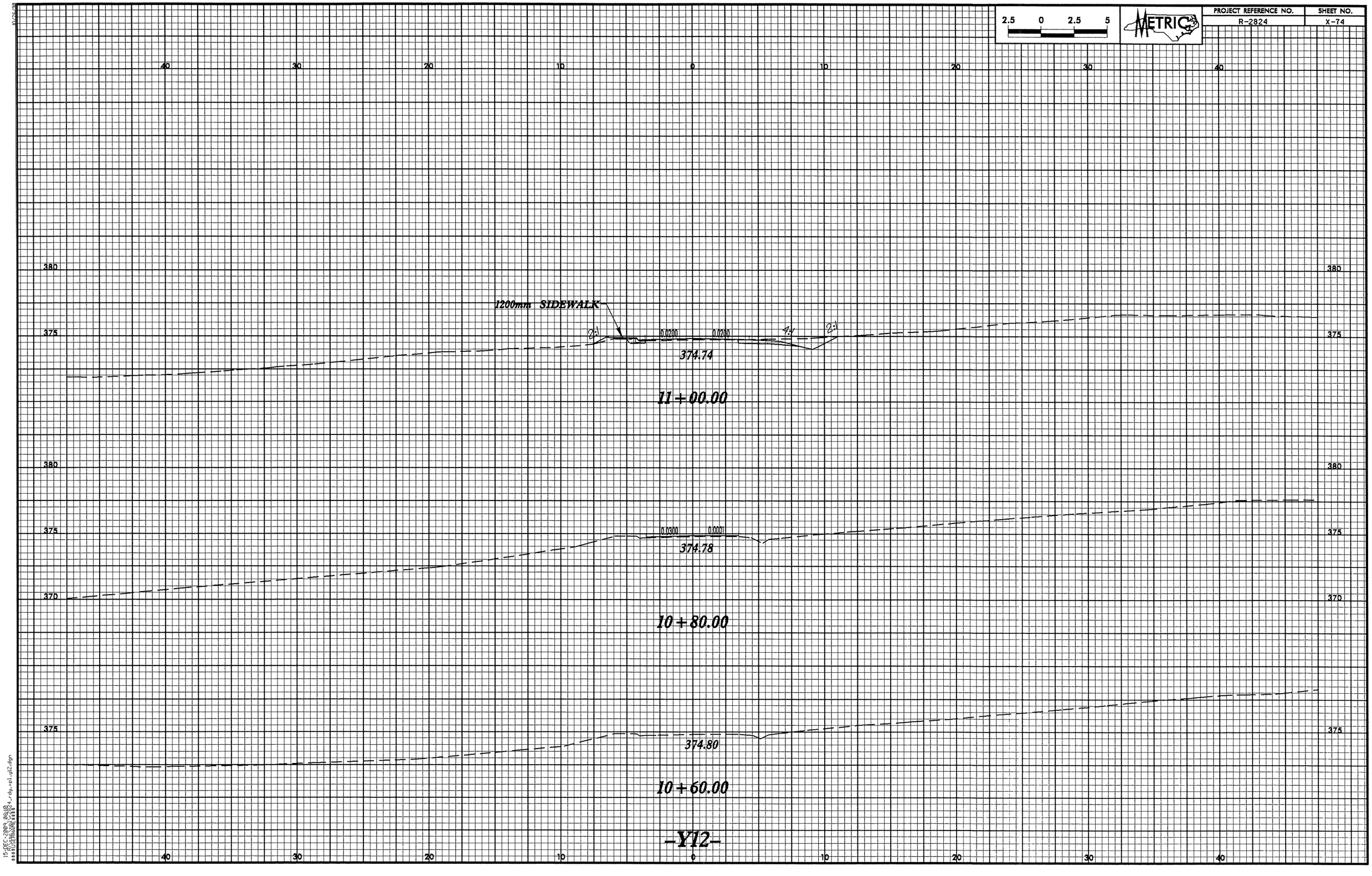
PROJECT REFERENCE NO.	SHEET NO.
R-2824	X-73

METRIC

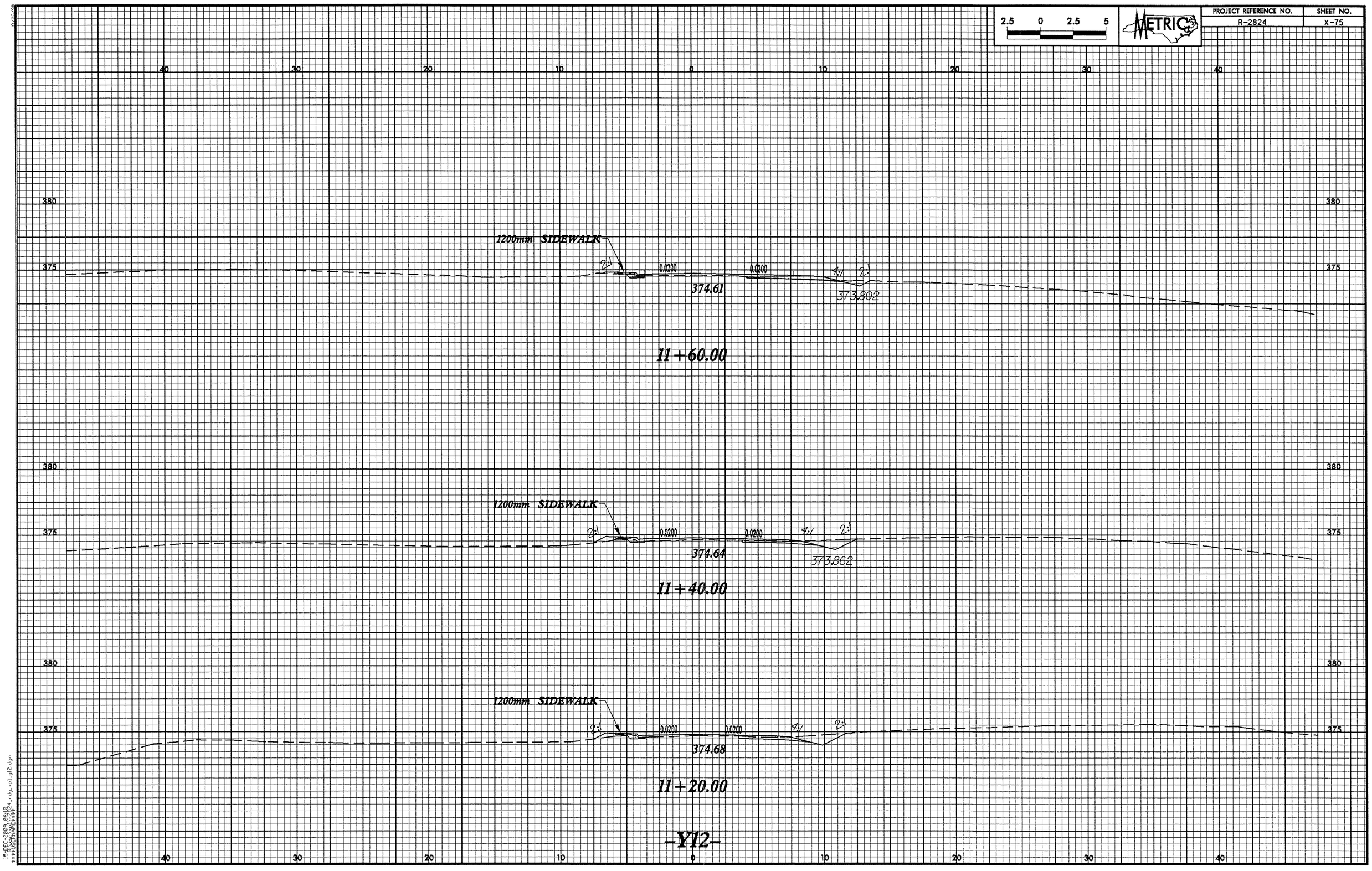


10/26/98

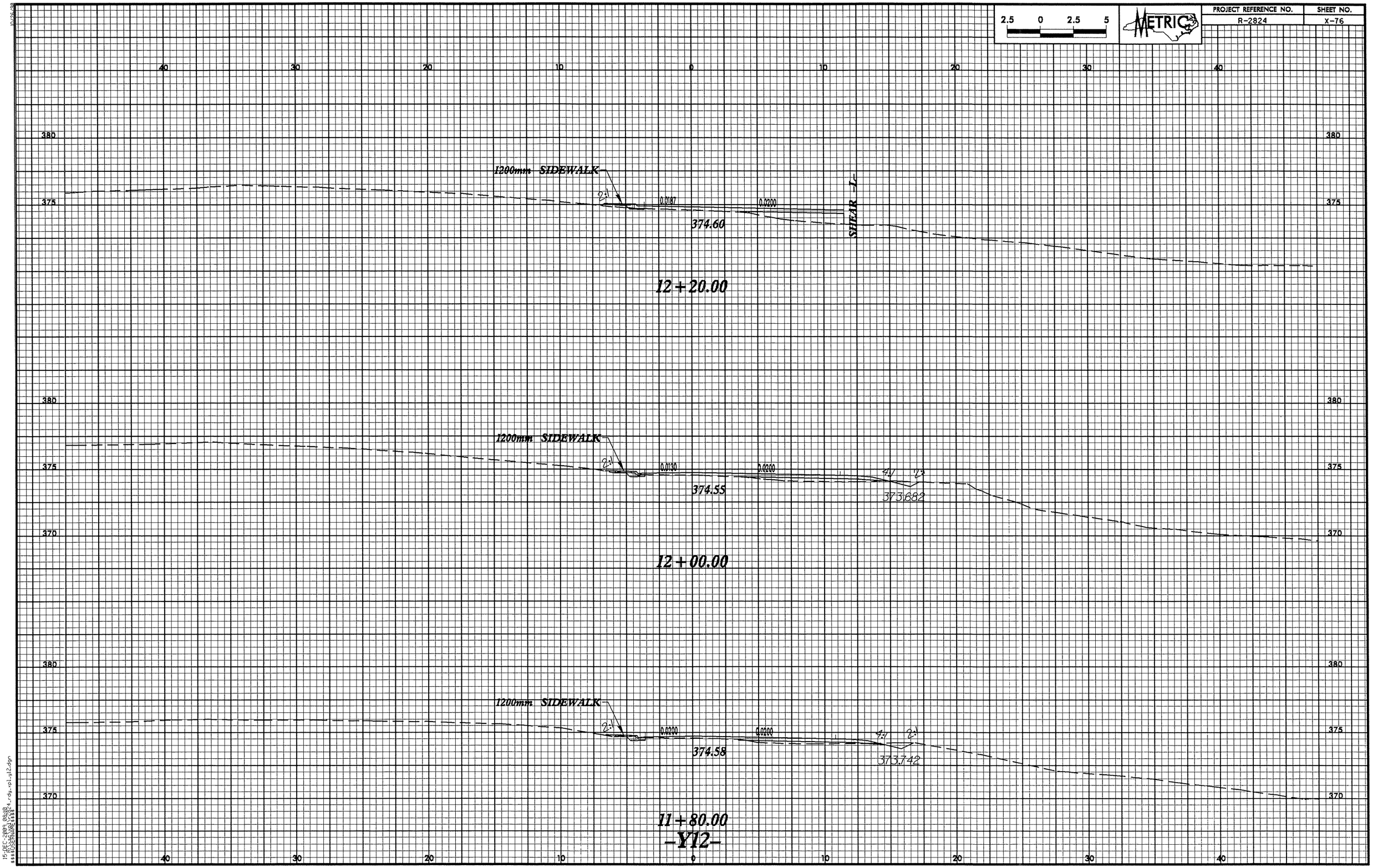
15-DEC-2009 08:10
R:\...\r2824_rdy_xpl_y11a.dgn
$$$$USERNAME$$$$



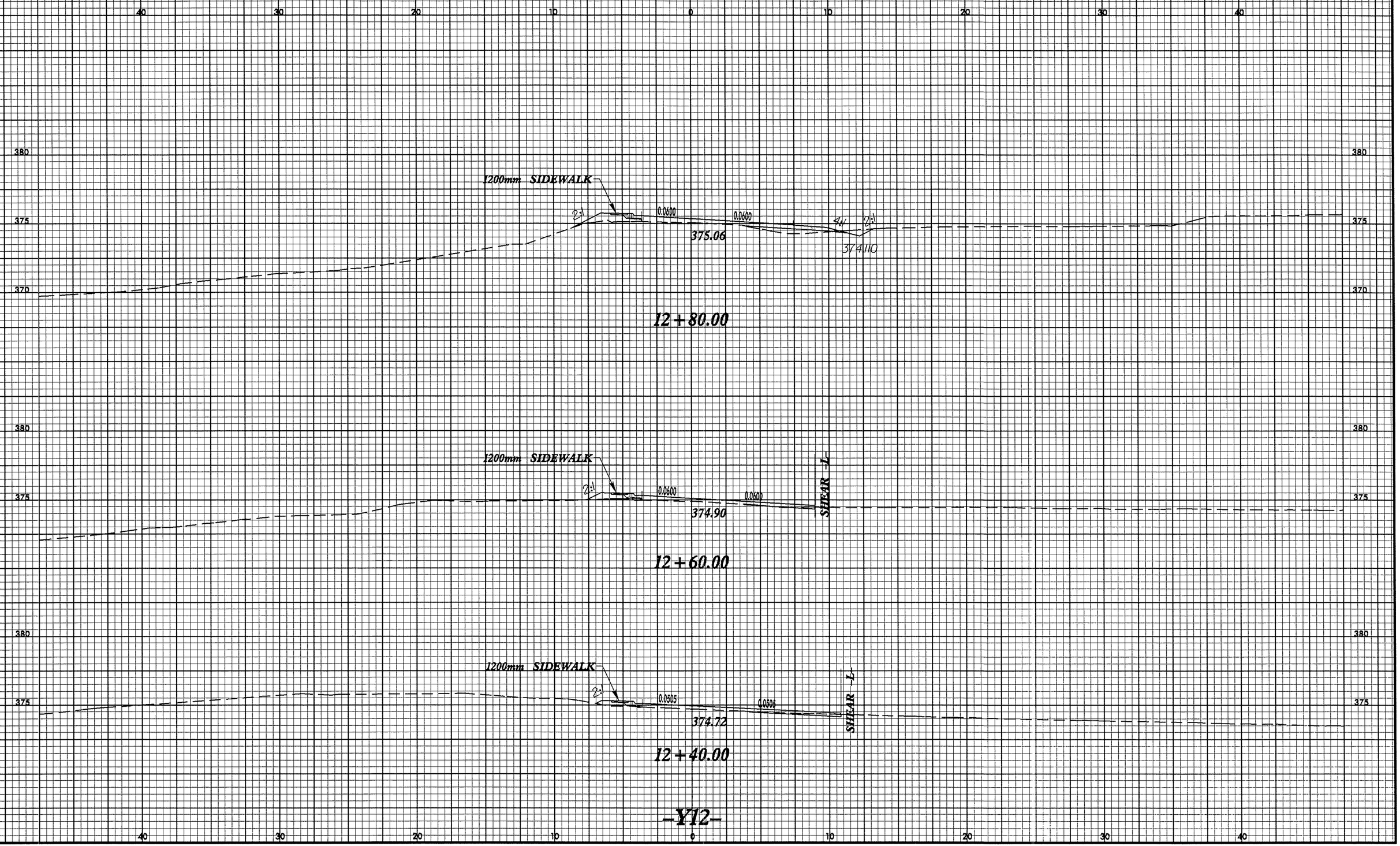
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-74
40 30 20 10 0 10 20 30 40
380
375
370
1200mm SIDEWALK
2:1
0.0200
0.0200
4:1
2:1
374.74
11+00.00
0.0300
0.0001
374.78
10+80.00
374.80
10+60.00
-Y12-



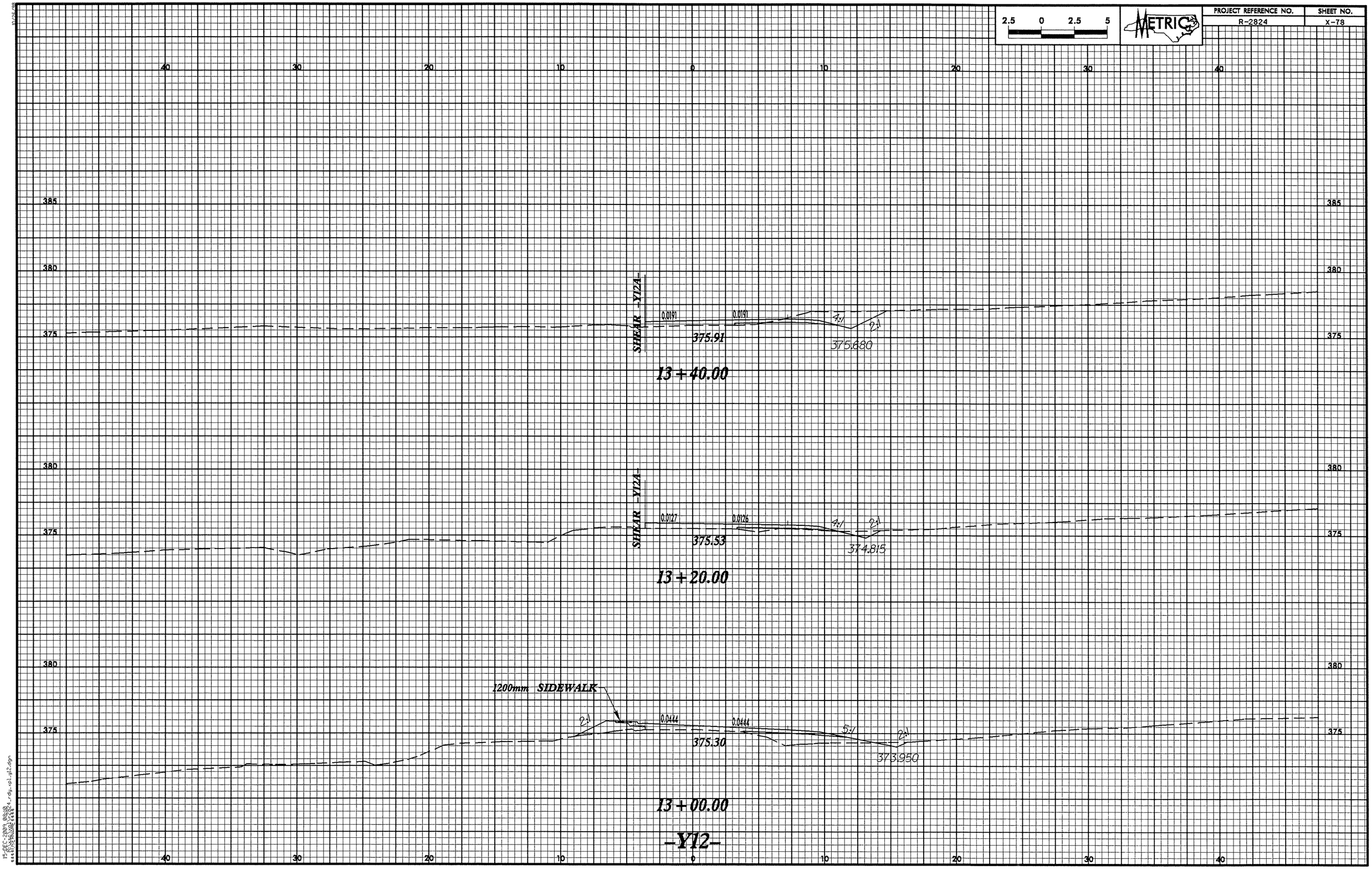
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-75
40 30 20 10 0 10 20 30 40
380
375
1200mm SIDEWALK
2:1
0.0200
0.0200
4:1
2:1
374.61
373.802
11+60.00
1200mm SIDEWALK
2:1
0.0200
0.0200
4:1
2:1
374.64
373.862
11+40.00
1200mm SIDEWALK
2:1
0.0200
0.0200
4:1
2:1
374.68
11+20.00
-Y12-



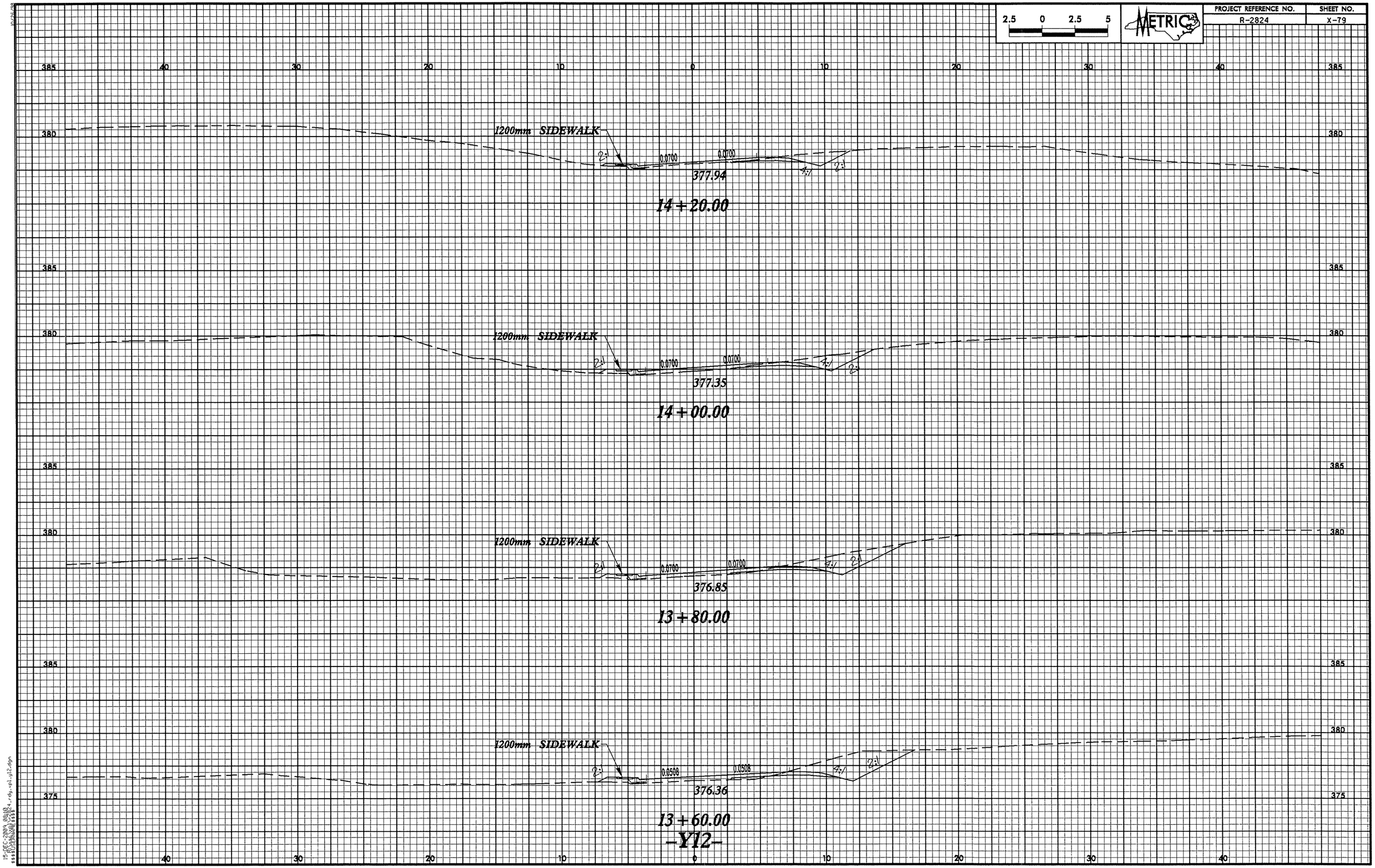
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-76
1200mm SIDEWALK
2:1
0.0187
0.0200
374.60
SHEAR -L-
12+20.00
1200mm SIDEWALK
2:1
0.0130
0.0200
374.55
4:1
2:1
373.682
12+00.00
1200mm SIDEWALK
2:1
0.0200
0.0200
374.58
4:1
2:1
373.742
11+80.00
-Y12-
380
375
370
40
30
20
10
0



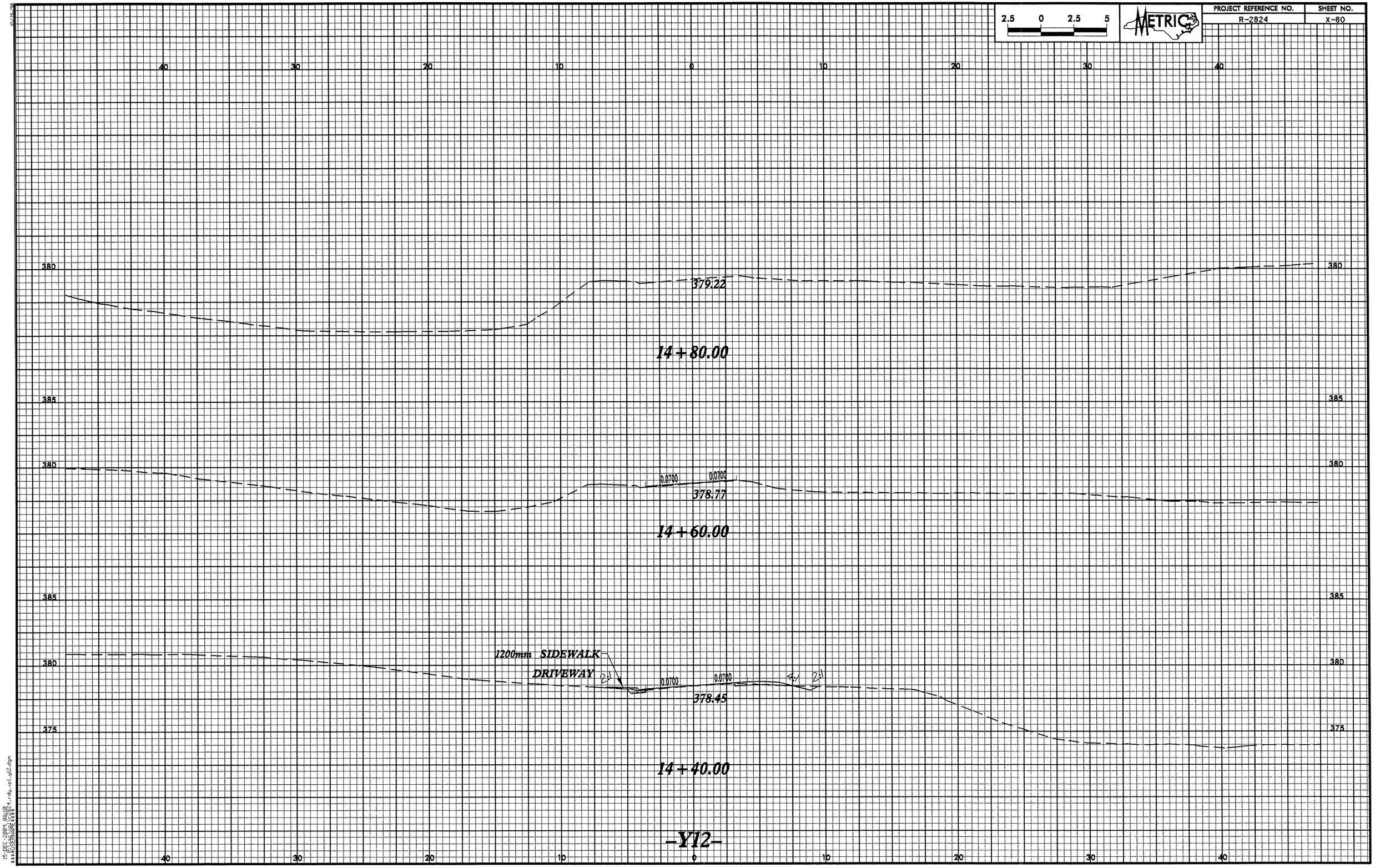
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-77
40 30 20 10 0 10 20 30 40
380
375
370
1200mm SIDEWALK
2:1
0.0600
0.0600
4:1
2:1
375.06
374.10
12+80.00
1200mm SIDEWALK
2:1
0.0600
0.0600
SHEAR -L-
374.90
12+60.00
1200mm SIDEWALK
2:1
0.0505
0.0505
SHEAR -L-
374.72
12+40.00
-Y12-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-78
40 30 20 10 0 10 20 30 40
385
380
375
SHEAR -Y12A-
0.0191
0.0191
4:1
2:1
375.91
375.680
13+40.00
SHEAR -Y12A-
0.0127
0.0126
4:1
2:1
375.53
374.815
13+20.00
1200mm SIDEWALK
2:1
0.0444
0.0444
5:1
2:1
375.30
373.950
13+00.00
-Y12-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-79
385
380
375
40
30
20
10
0
1200mm SIDEWALK
2:1
0.0700
0.0700
4:1
2:1
377.94
14+20.00
1200mm SIDEWALK
2:1
0.0700
0.0700
4:1
2:1
377.35
14+00.00
1200mm SIDEWALK
2:1
0.0700
0.0700
4:1
2:1
376.85
13+80.00
1200mm SIDEWALK
2:1
0.0508
0.0508
4:1
2:1
376.36
13+60.00
-Y12-

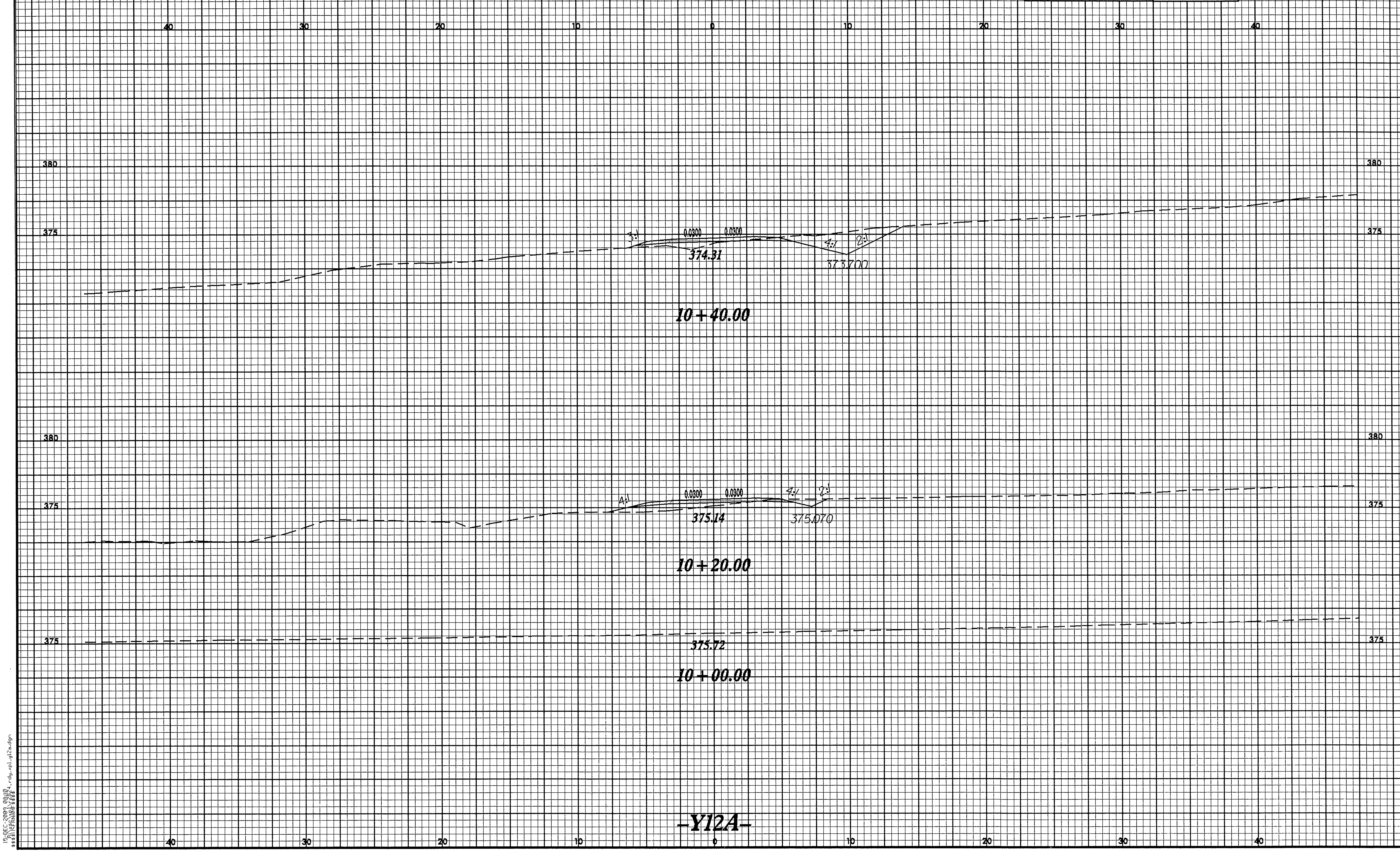


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-80
40 30 20 10 0 10 20 30 40
380
379.22
14+80.00
385
380
0.0700
0.0700
378.77
14+60.00
385
380
1200mm SIDEWALK
DRIVEWAY
2:1
0.0700
0.0700
4:1
2:1
378.45
375
14+40.00
-Y12-

PROJECT REFERENCE NO.	SHEET NO.
R-2824	X-81

METRIC

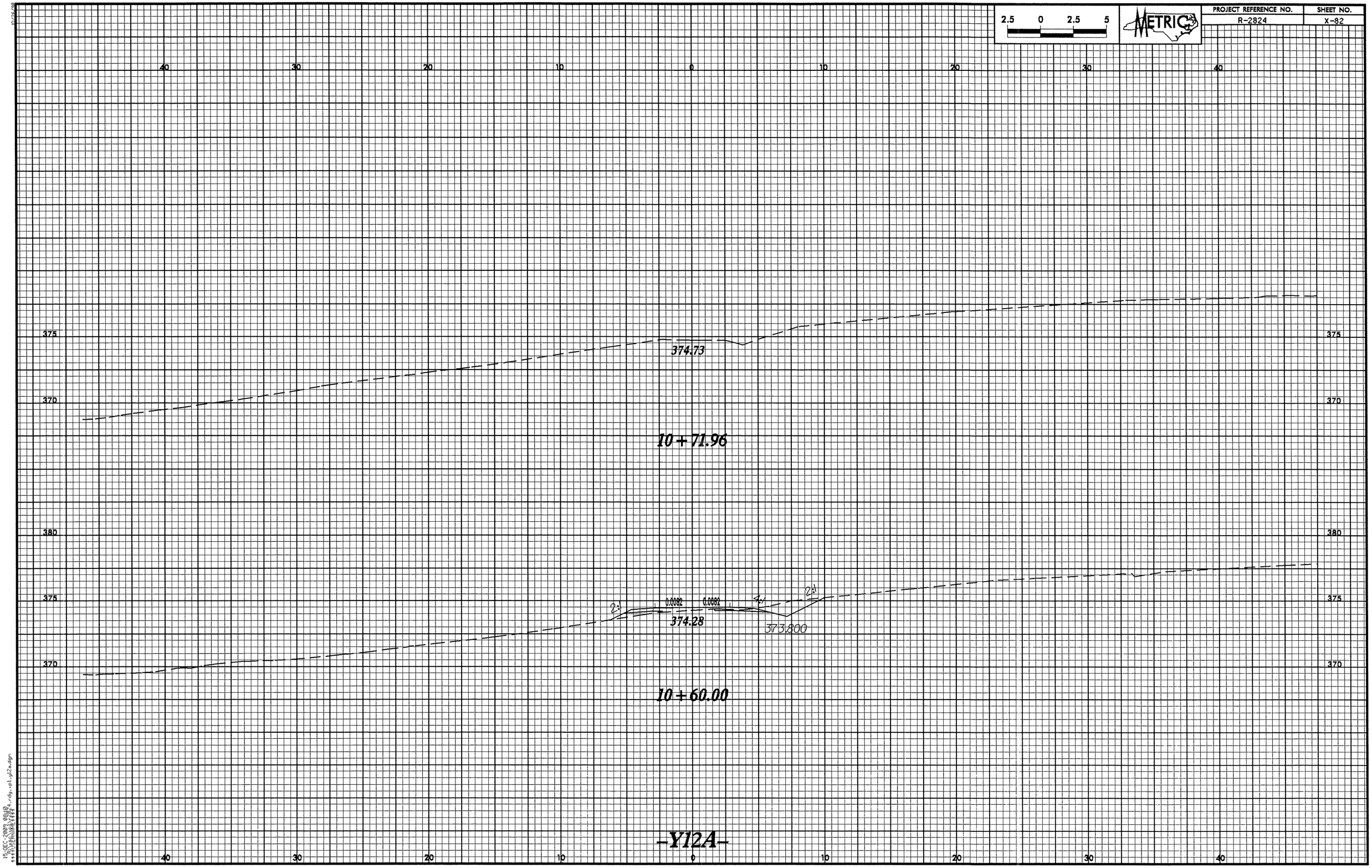
2.5 0 2.5 5



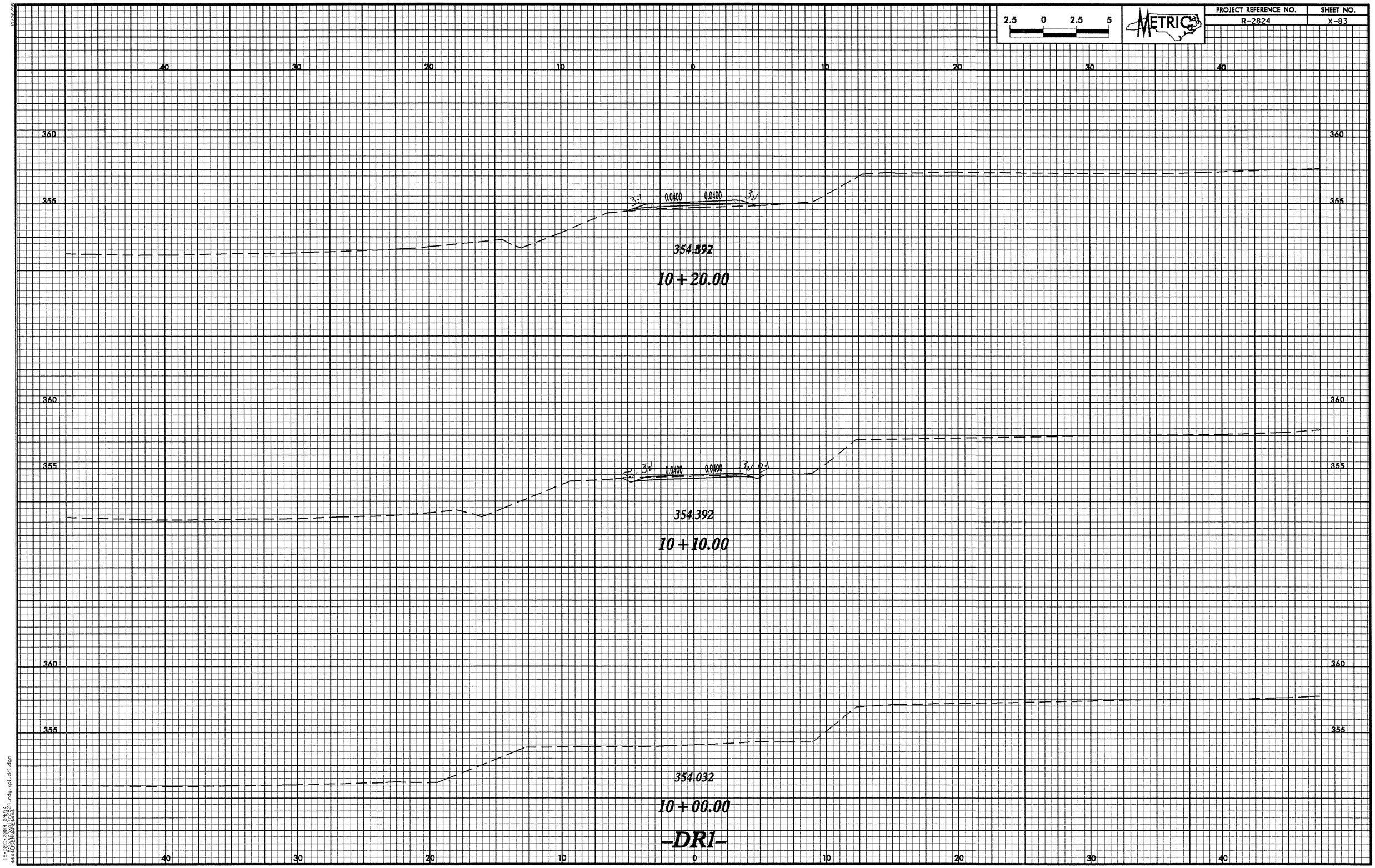
10/26/98

15-DEC-2009 08:10

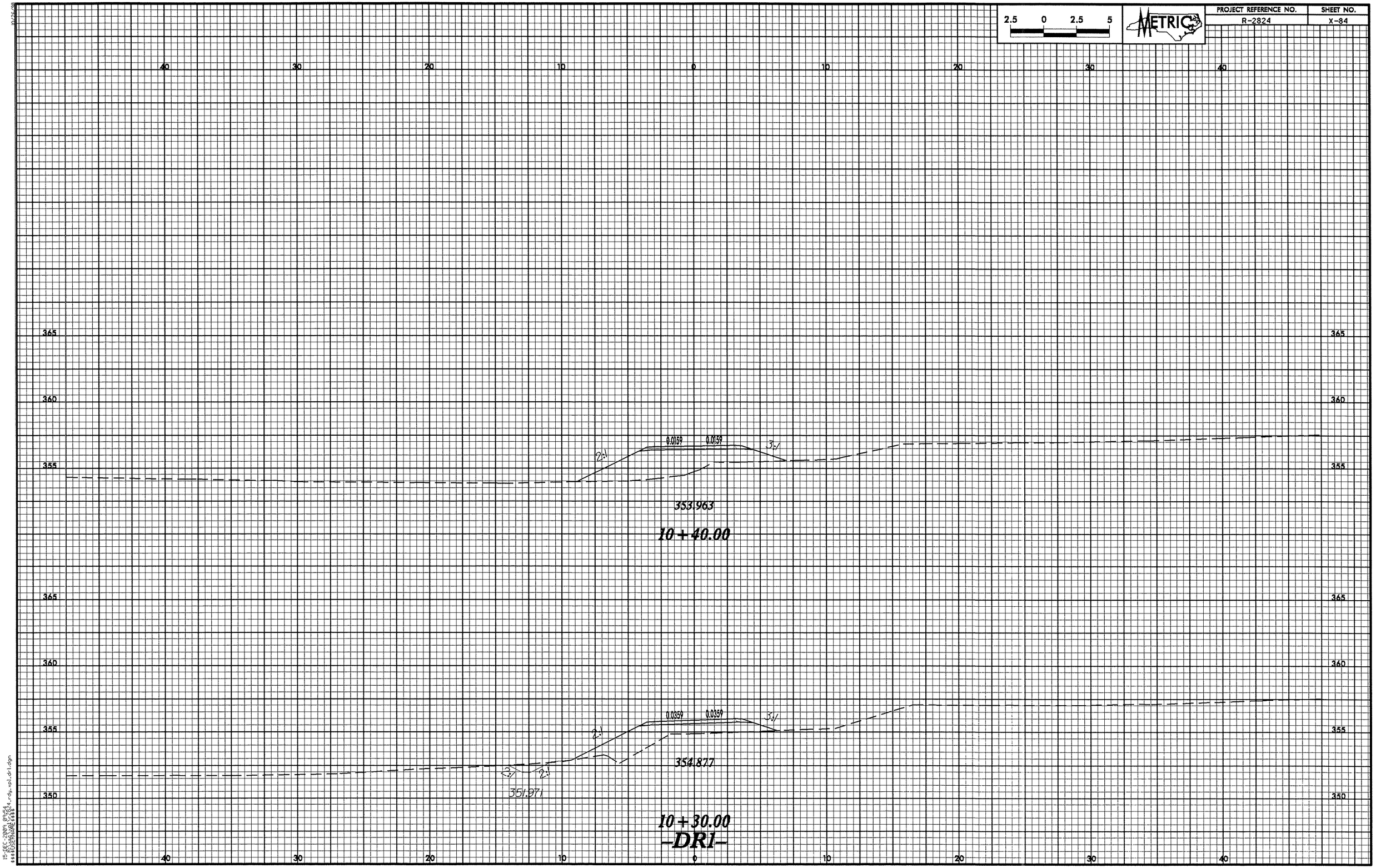
r2824_rdy_xpl_y12a.dgn



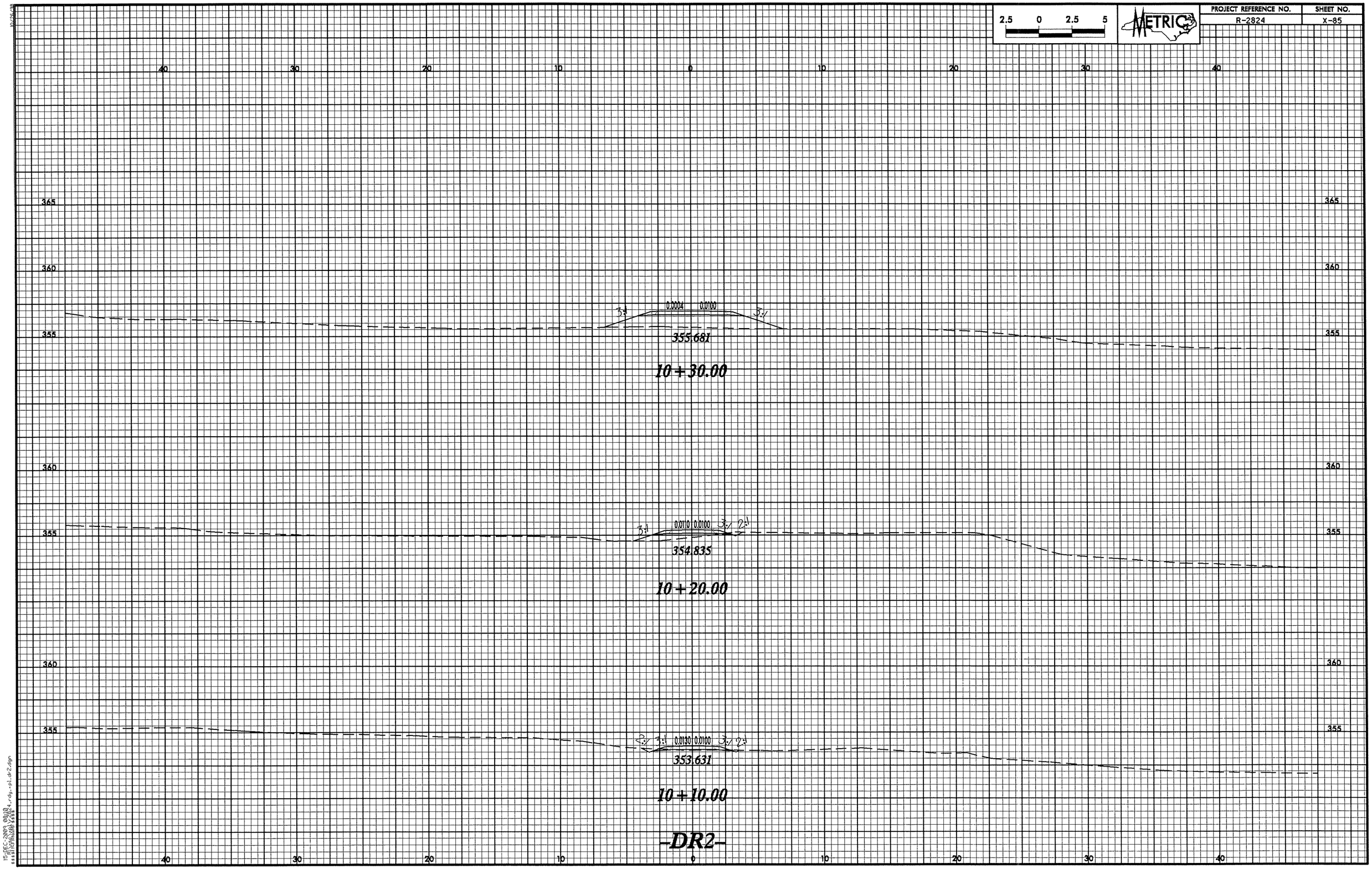
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-82
40 30 20 10 0 10 20 30 40
375
370
374.73
10 + 71.96
380
375
370
2:1
0.0082
0.0082
4:1
2:1
374.28
373.800
10 + 60.00
-Y12A-



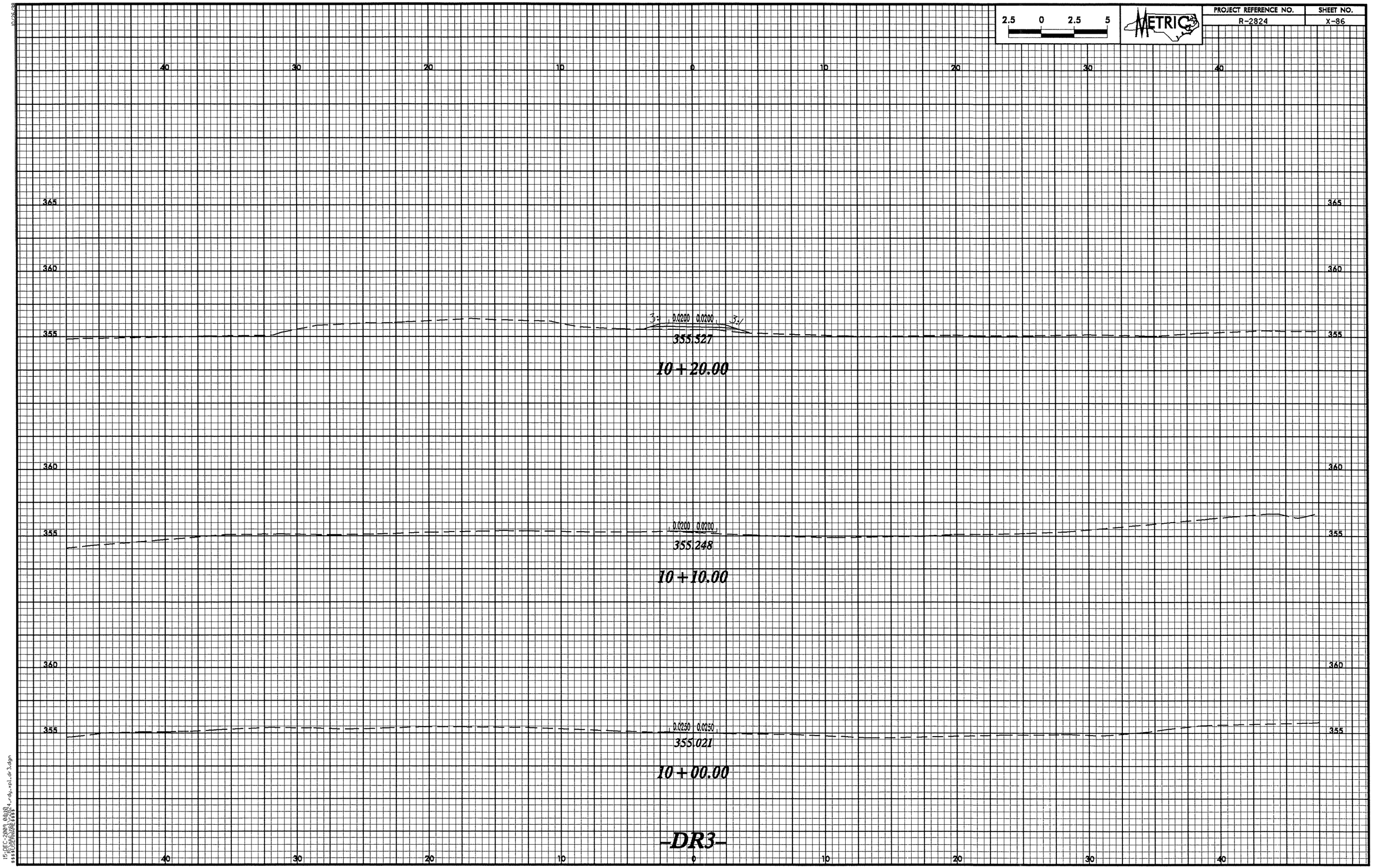
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-83
40 30 20 10 0 10 20 30 40
360
355
3:1
0.0400
0.0400
3:1
354.892
10+20.00
360
355
3:1
0.0400
0.0400
3:1
354.392
10+10.00
360
355
354.032
10+00.00
-DR1-
40 30 20 10 0 10 20 30 40



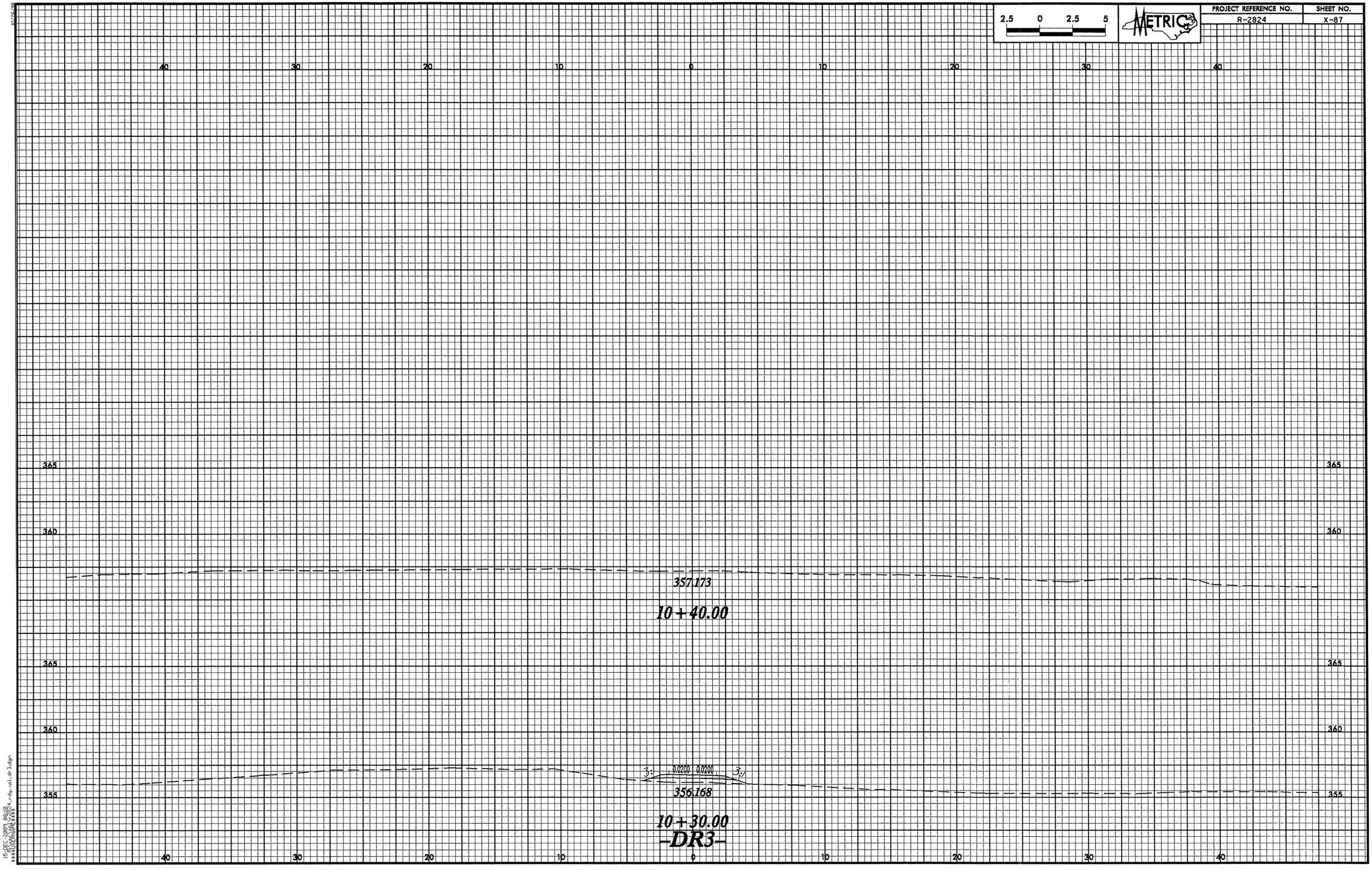
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-84
40 30 20 10 0 10 20 30 40
365
360
355
350
0.0159
0.0159
2:1
3:1
353.963
10+40.00
0.0359
0.0359
2:1
3:1
354.877
2:1
2:1
351.971
10+30.00
-DR1-



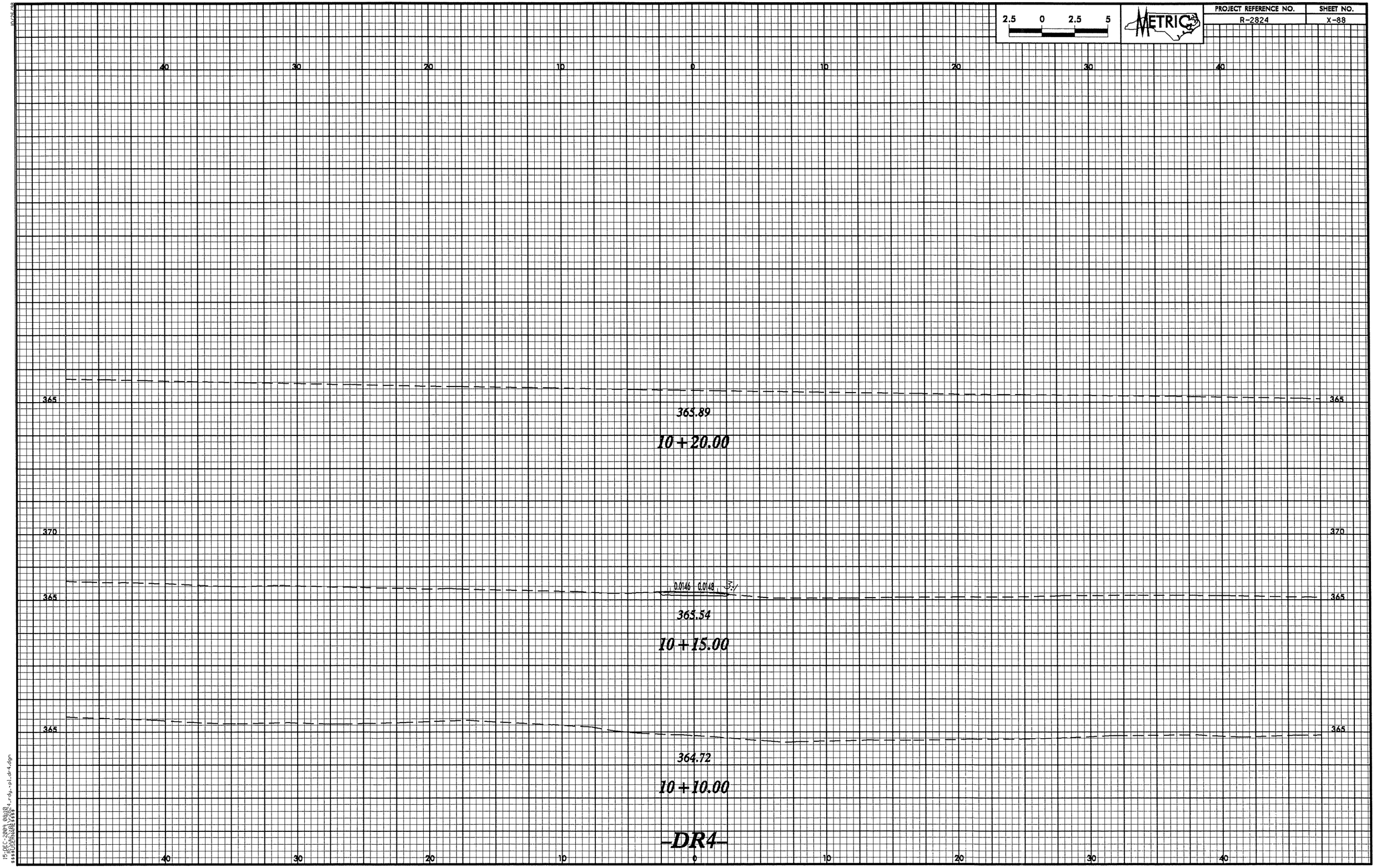
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-85
40 30 20 10 0 10 20 30 40
365
360
355
3:1
0.0004
0.0100
3:1
355.681
10+30.00
360
355
3:1
0.0110
0.0100
3:1
2:1
354.835
10+20.00
360
355
2:1
3:1
0.0130
0.0100
3:1
2:1
353.631
10+10.00
-DR2-



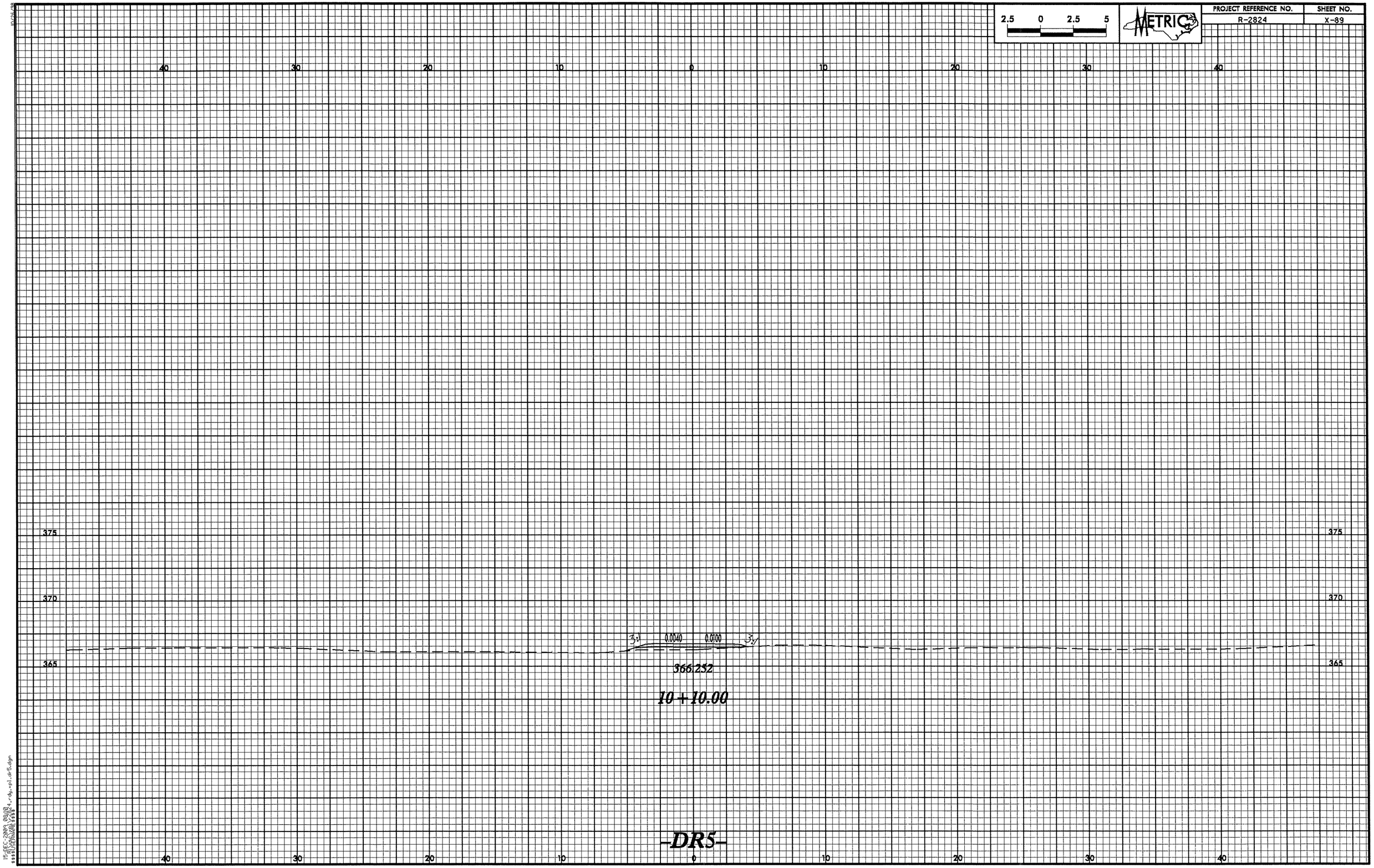
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-86
40 30 20 10 0 10 20 30 40
365
360
355
3:1 0.0200 0.0200 3:1
355.527
10+20.00
0.0200 0.0200
355.248
10+10.00
0.0250 0.0250
355.021
10+00.00
-DR3-



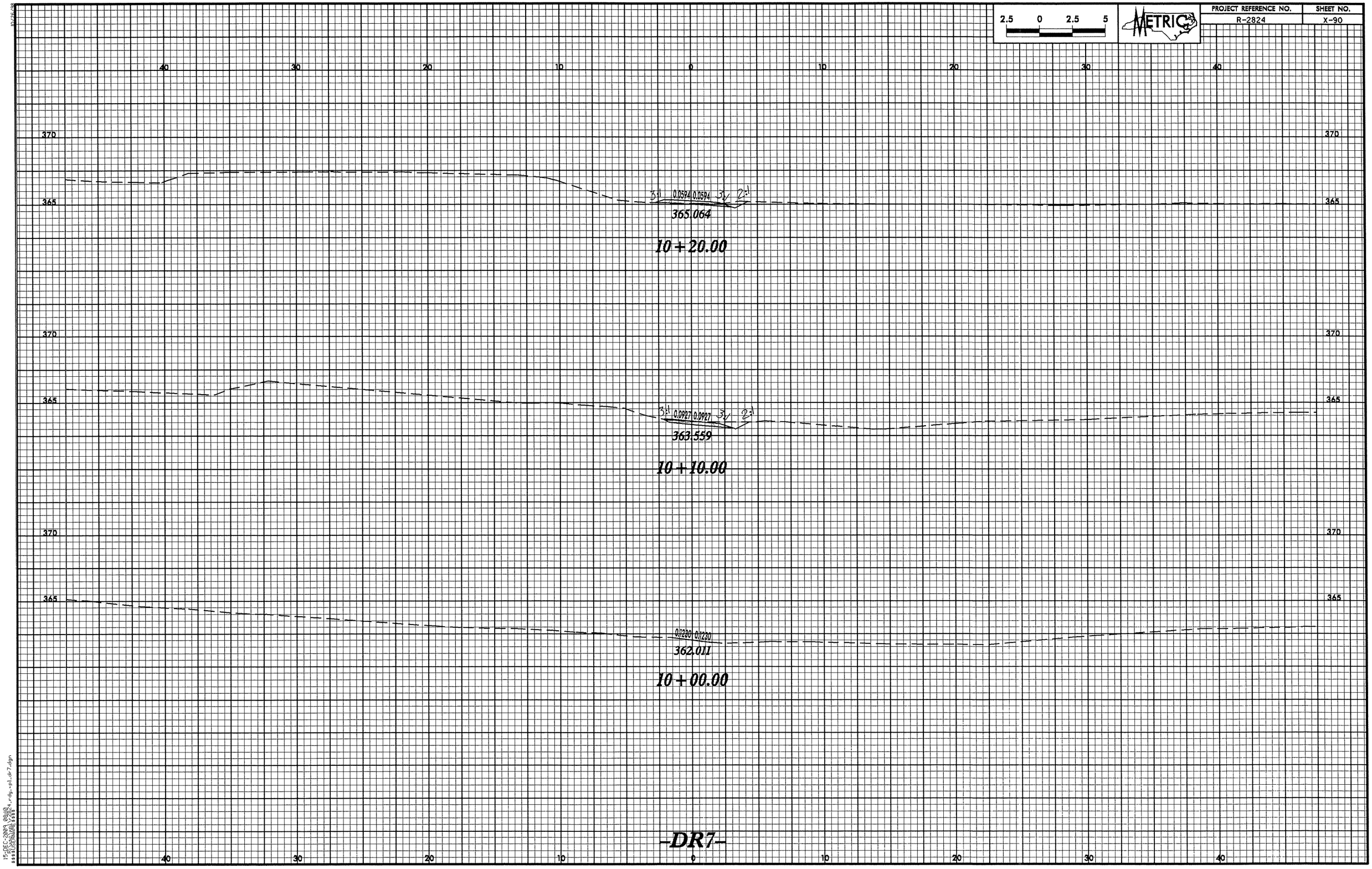
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-87
40 30 20 10 0 10 20 30 40
365
360
357.173
10+40.00
365
360
3:1 0.0200 0.0200 3:1
356.168
355
10+30.00
-DR3-
40 30 20 10 0 10 20 30 40



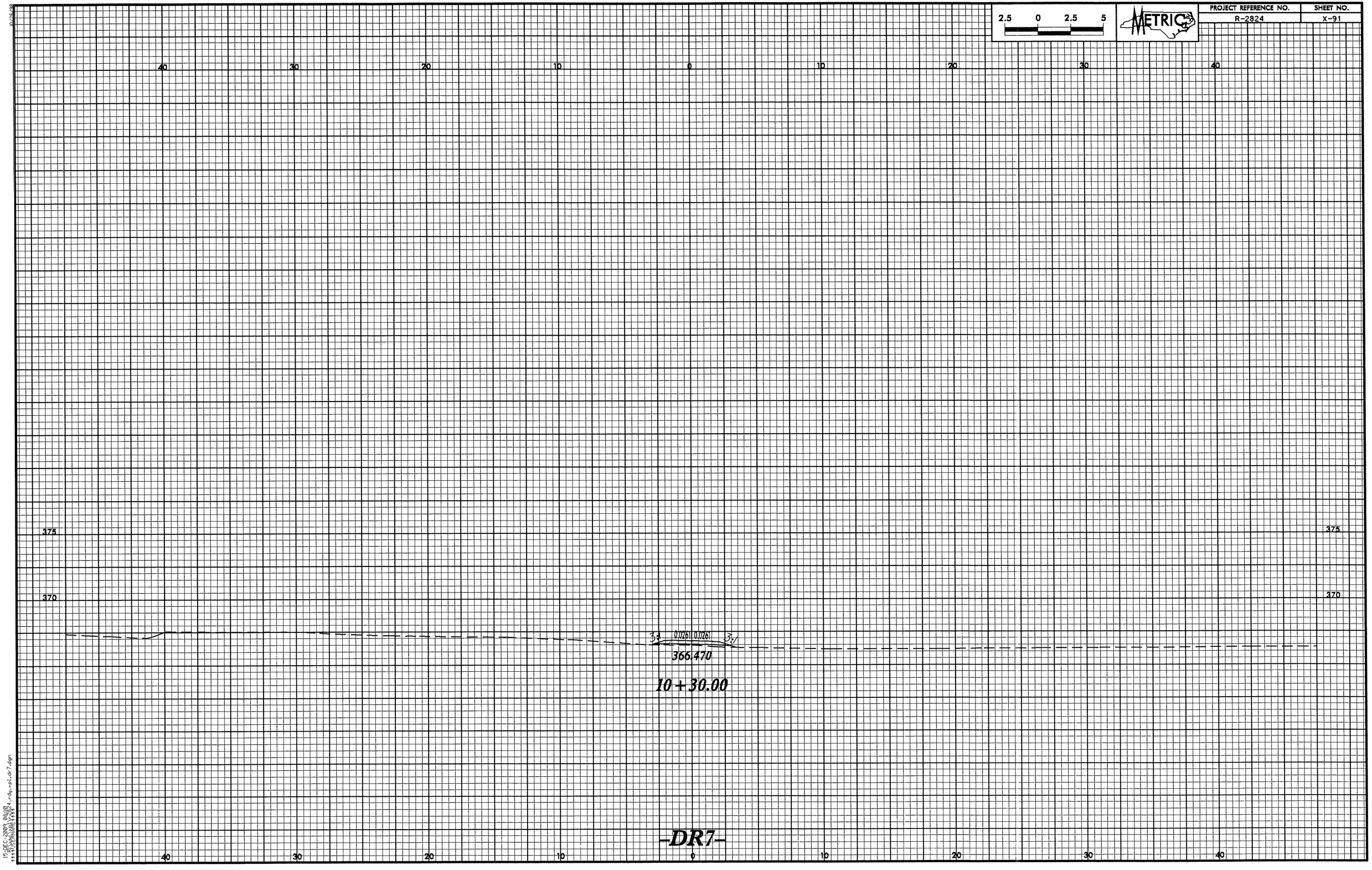
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-88
40 30 20 10 0 10 20 30 40
365
365.89
10+20.00
370
0.0146 0.0148 3:1
365.54
10+15.00
364.72
10+10.00
-DR4-



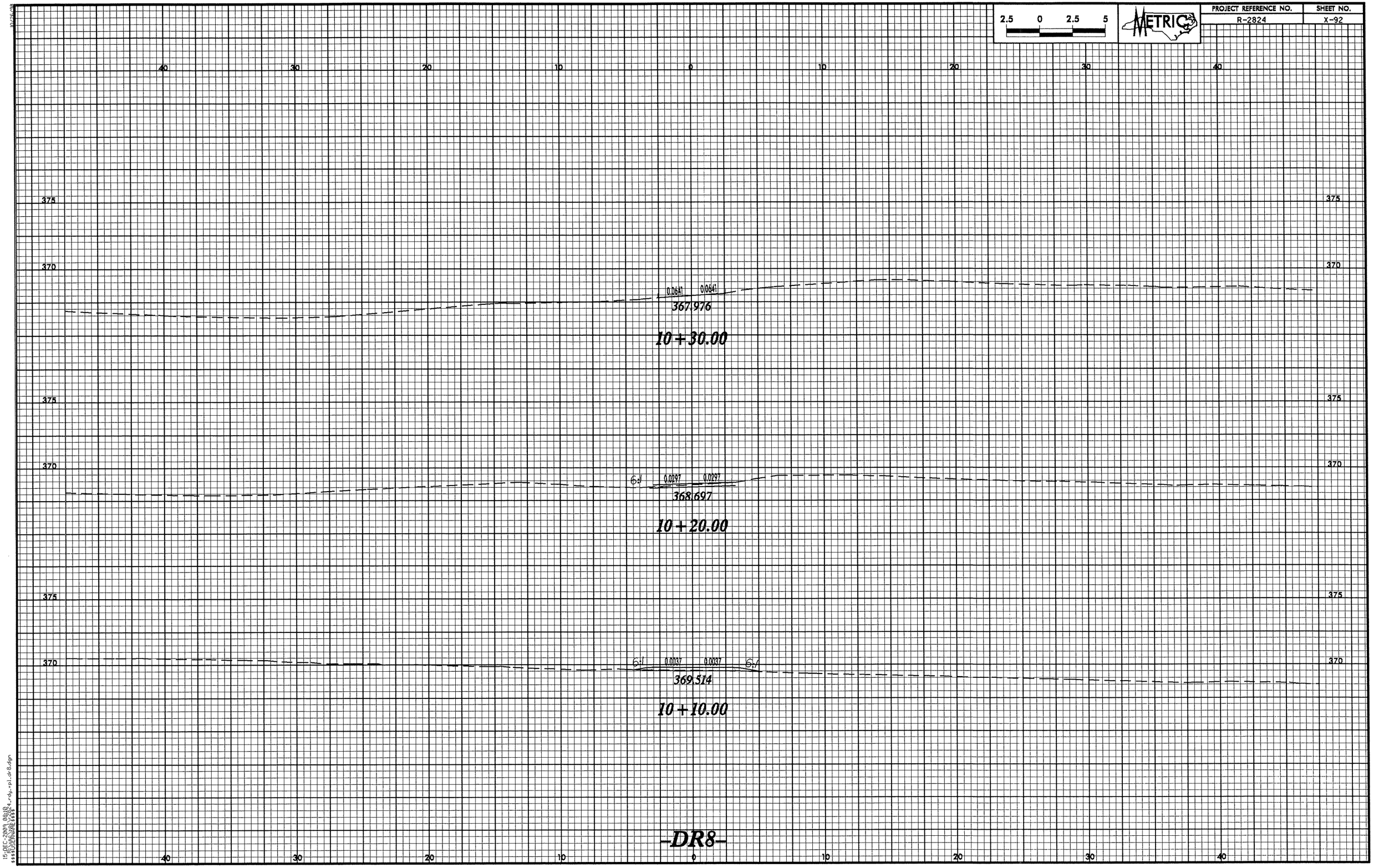
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-89
40 30 20 10 0 10 20 30 40
375
370
365
3:1
0.0040
0.0100
3:1
366.252
10+10.00
-DR5-



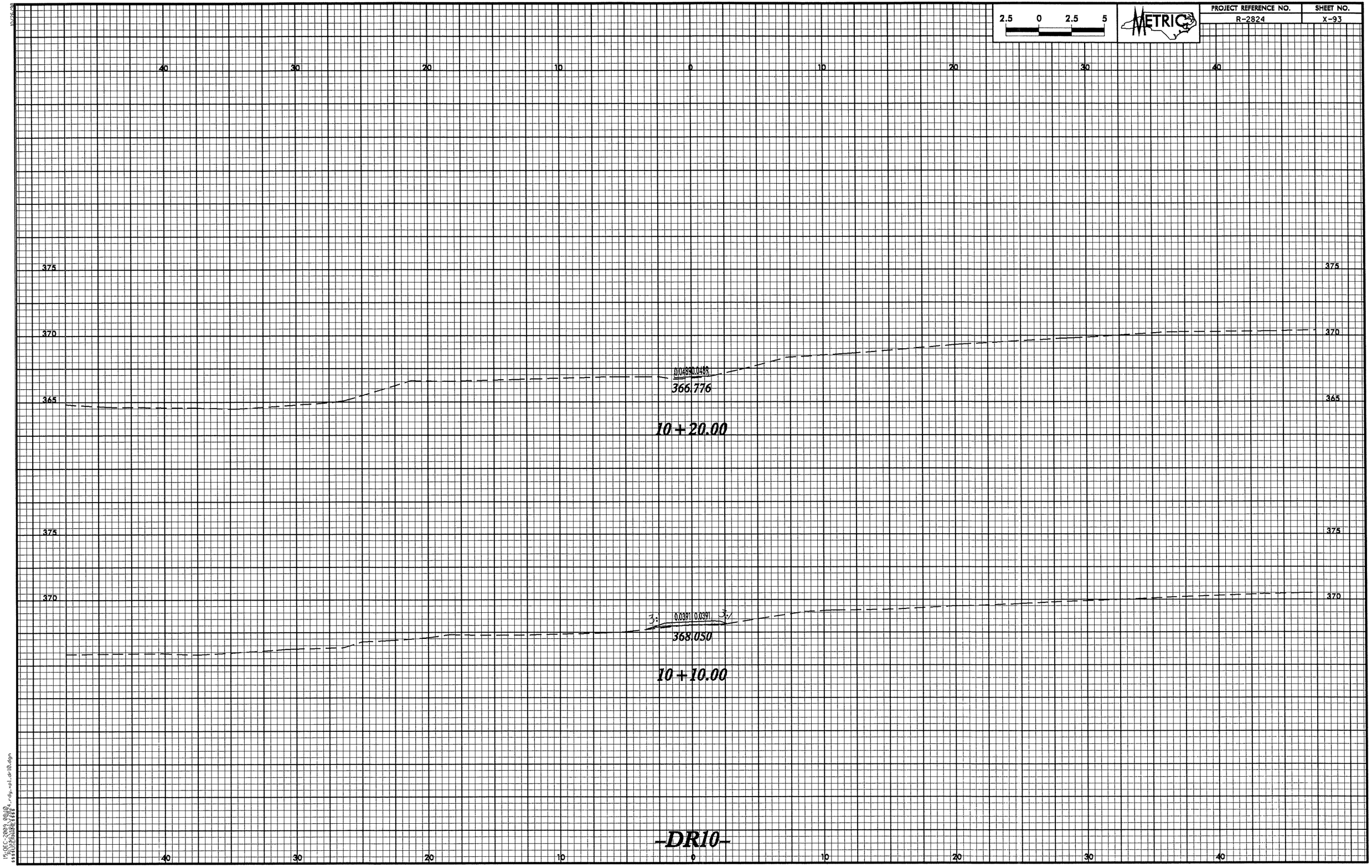
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-90
40 30 20 10 0 10 20 30 40
370
365
3:1 0.0594 0.0594 3:1 2:1
365.064
10+20.00
3:1 0.0927 0.0927 3:1 2:1
363.559
10+10.00
0.1230 0.1230
362.011
10+00.00
-DR7-



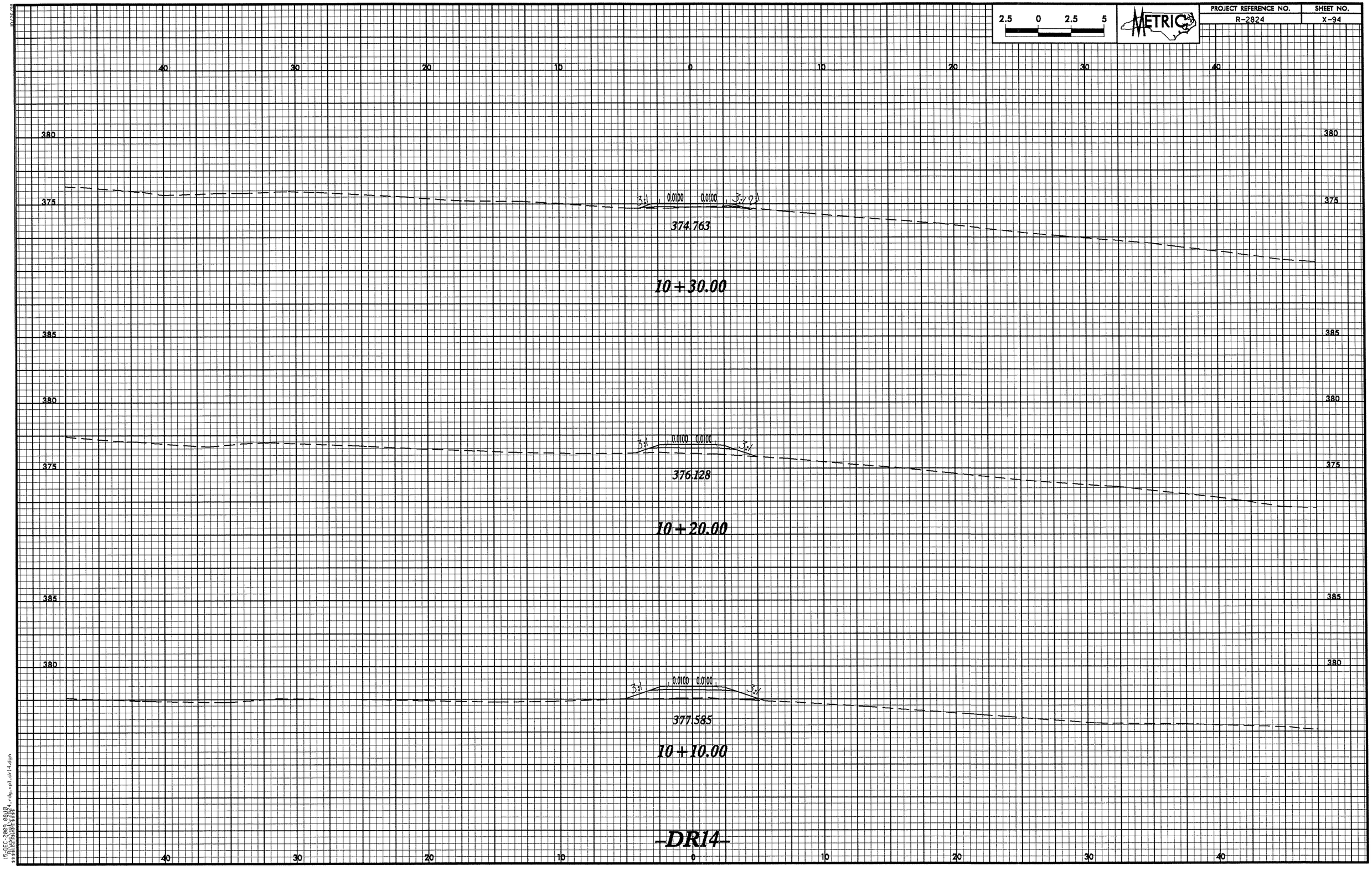
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-91
40
30
20
10
0
10
20
30
40
375
370
3:1
0.0261
0.0261
3:1
366.470
10+30.00
-DR7-



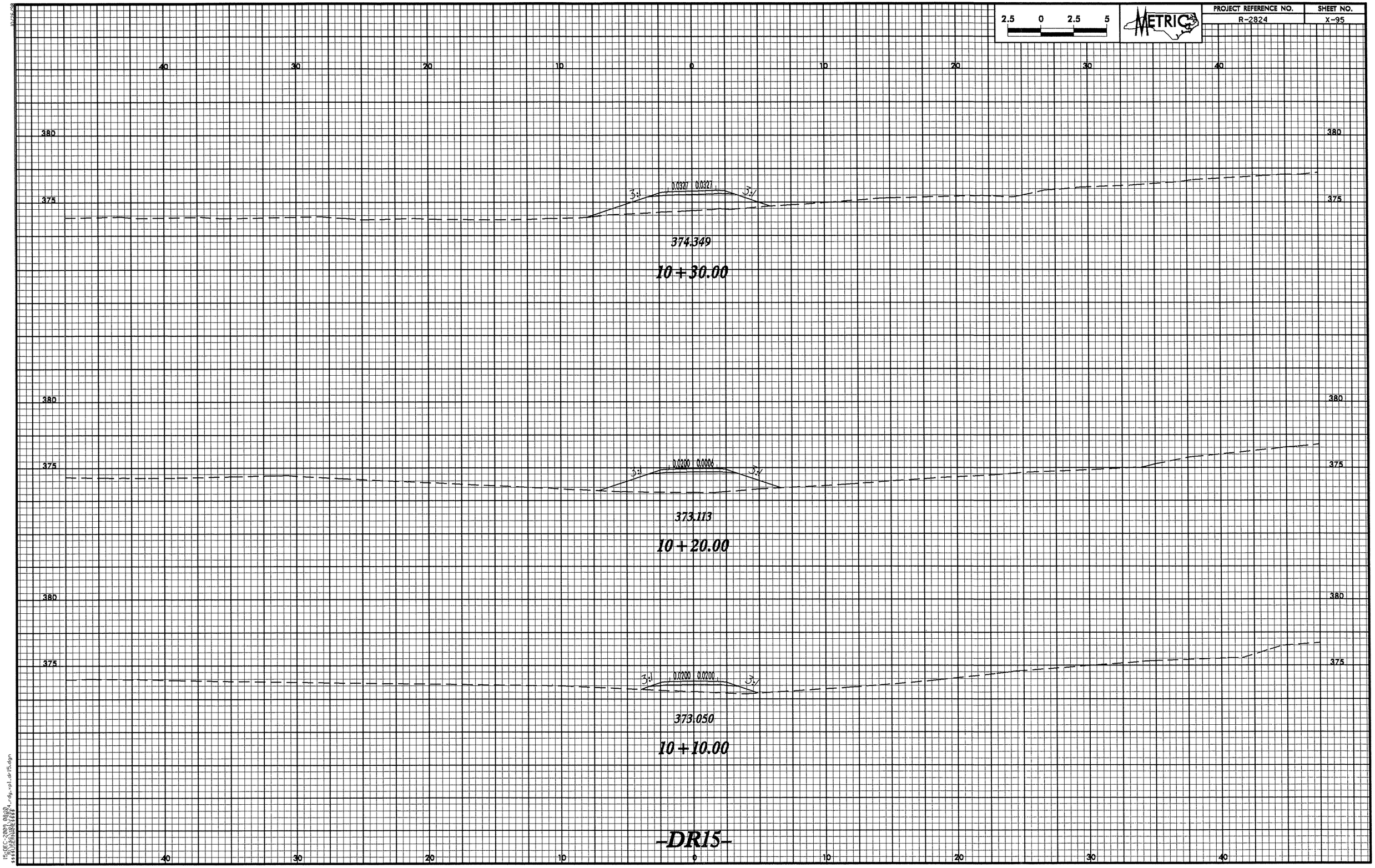
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-92
40 30 20 10 0 10 20 30 40
375
370
0.0641 0.0641
367.976
10+30.00
6:1
0.0297 0.0297
368.697
10+20.00
6:1
0.0037 0.0037
6:1
369.514
10+10.00
-DR8-



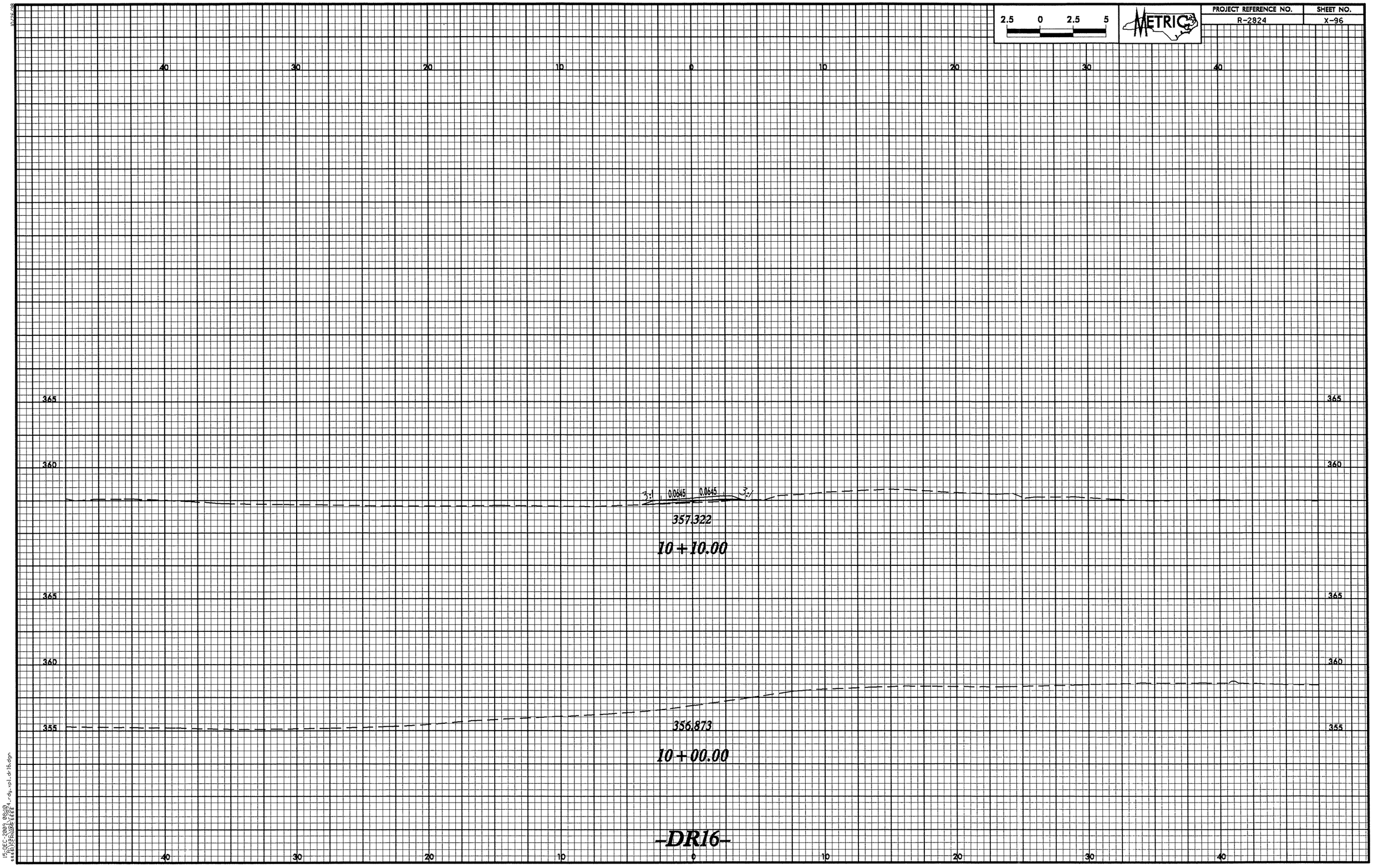
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-93
40 30 20 10 0 10 20 30 40
375
370
365
0.0489 0.0489
366.776
10+20.00
0.0391 0.0391
368.050
10+10.00
-DR10-



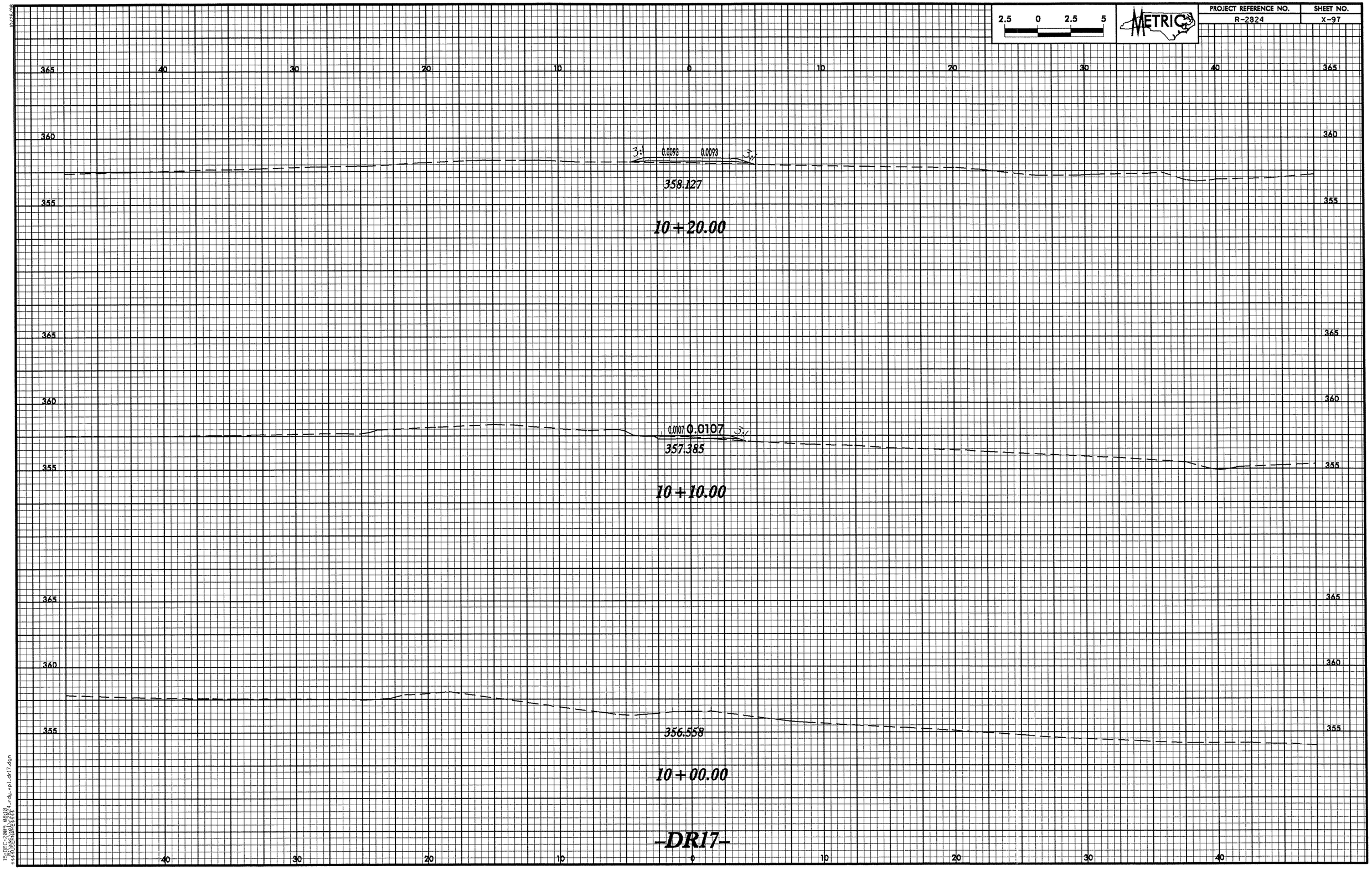
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-94
40 30 20 10 0 10 20 30 40
380
375
385
380
375
385
380
3:1
0.0100
0.0100
3:1
374.763
10+30.00
376.128
10+20.00
377.585
10+10.00
-DR14-



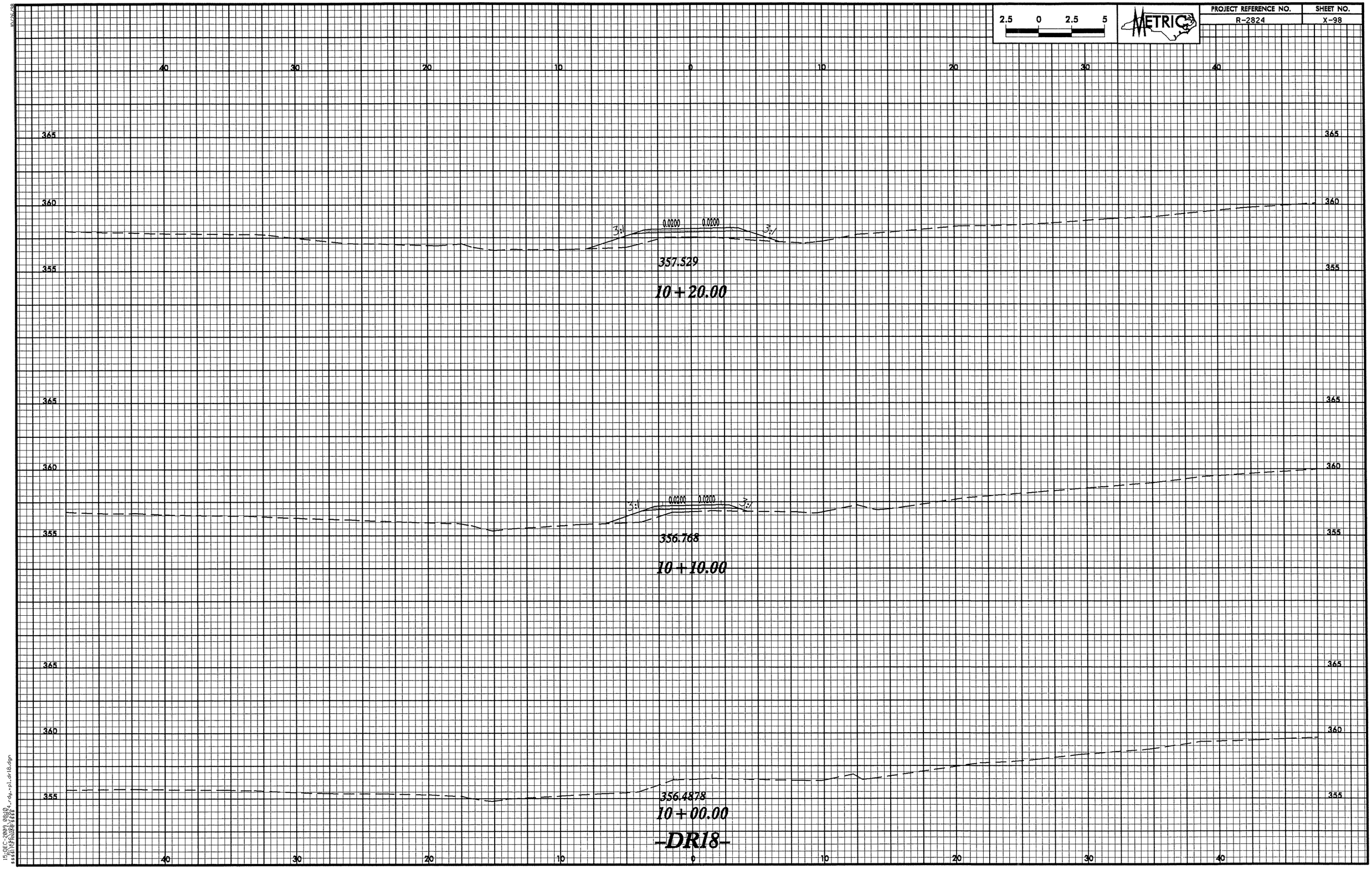
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-95
40 30 20 10 0 10 20 30 40
380
375
3:1
0.0327 0.0327
3:1
374.349
10+30.00
380
375
3:1
0.0200 0.0006
3:1
373.113
10+20.00
380
375
3:1
0.0200 0.0200
3:1
373.050
10+10.00
-DR15-



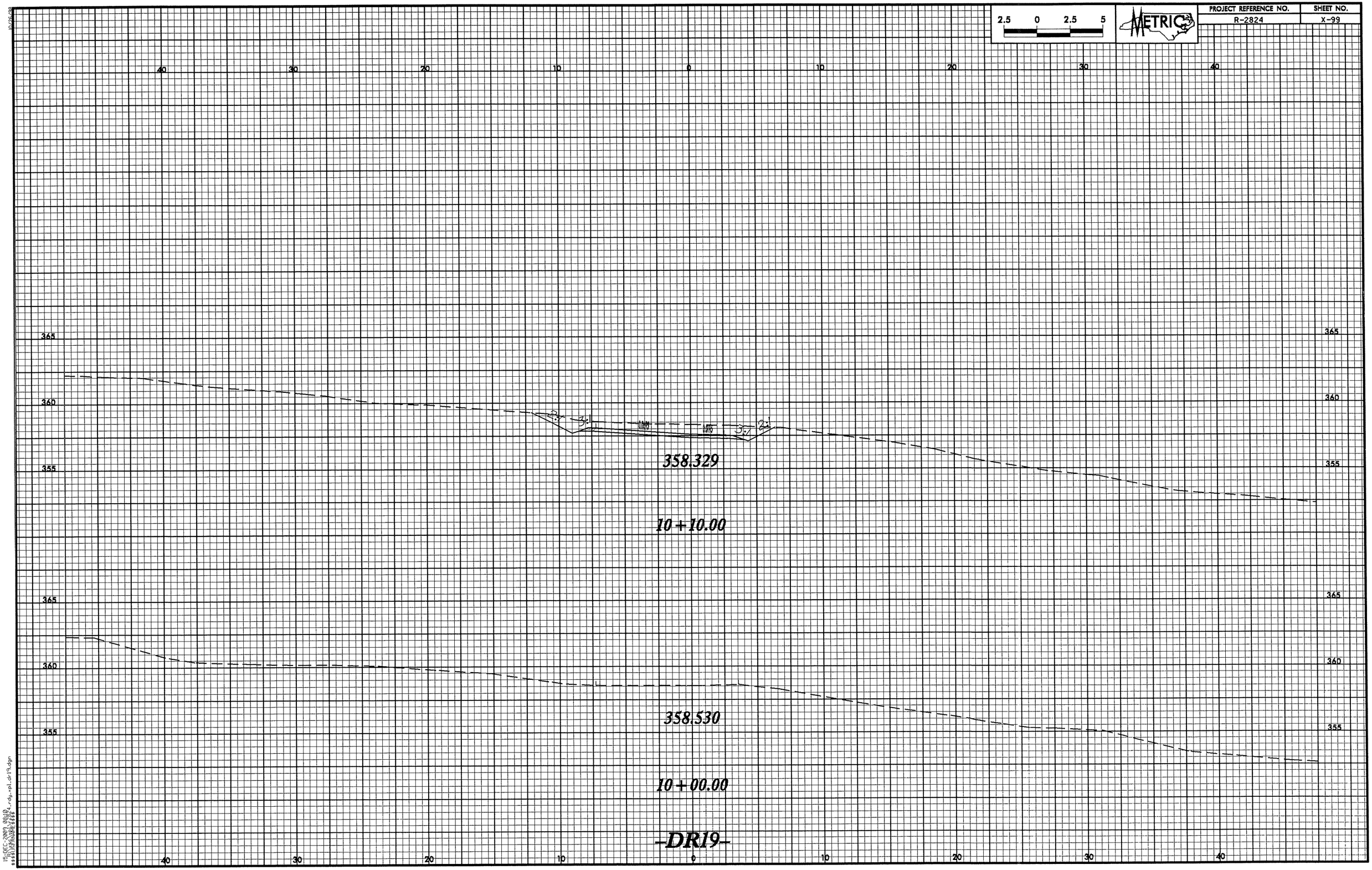
2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-96
40 30 20 10 0 10 20 30 40
365
360
3:1 0.0645 0.0645 3:1
357.322
10+10.00
365
360
355
356.873
10+00.00
-DR16-

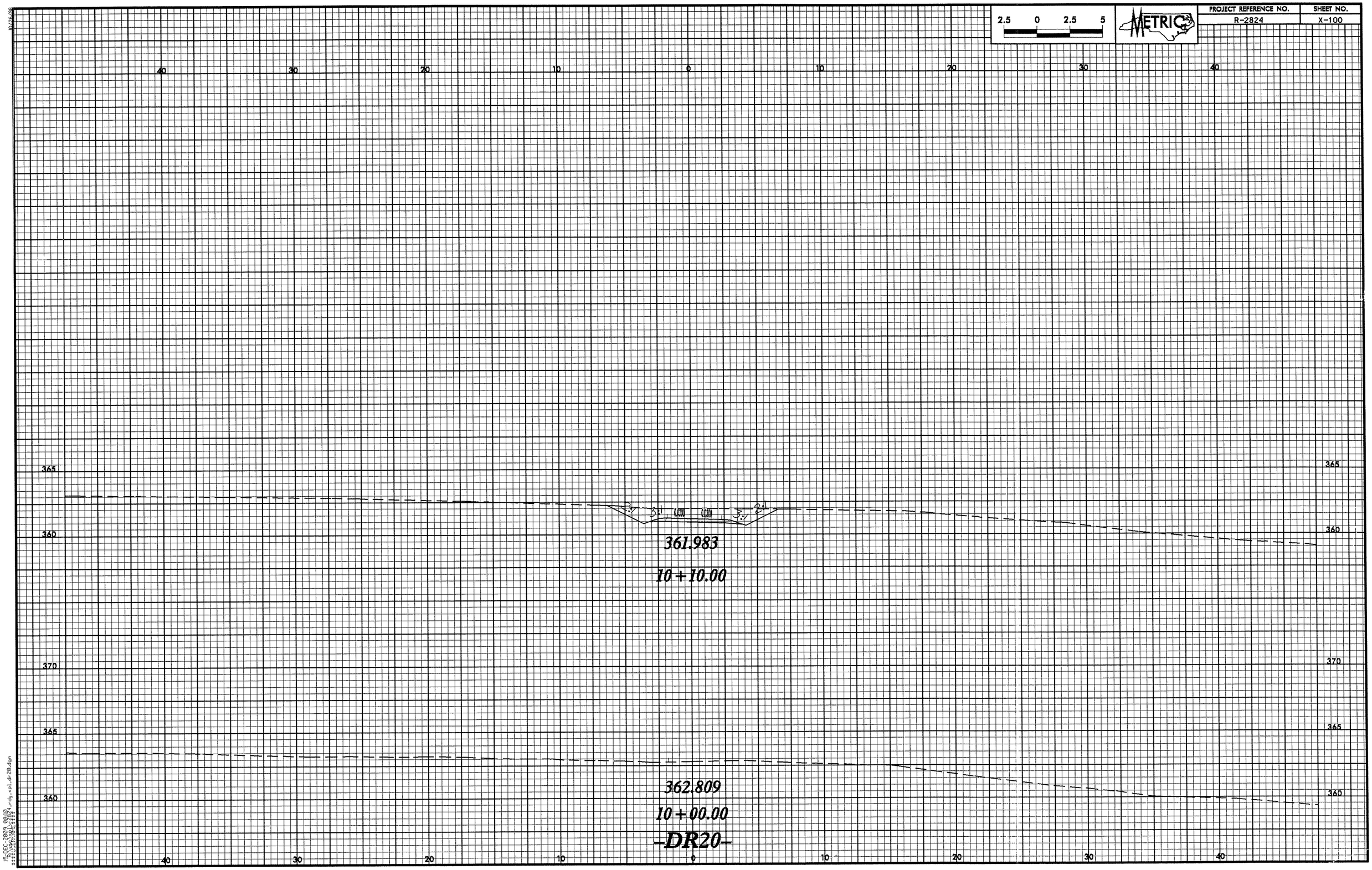


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-97
365
360
355
40
30
20
10
0
3:1
0.0093
0.0093
358.127
10+20.00
0.0107
0.0107
357.385
10+10.00
356.558
10+00.00
-DR17-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-98
40 30 20 10 0 10 20 30 40
365
360
355
3:1
0.0200
0.0200
3:1
357.529
10+20.00
356.768
10+10.00
356.4878
10+00.00
-DR18-


2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-99
40 30 20 10 0 10 20 30 40
365
360
355
3:1
3:1
2:1
358.329
10+10.00
358.530
10+00.00
-DR19-



2.5 0 2.5 5
METRIC
PROJECT REFERENCE NO.
R-2824
SHEET NO.
X-100
40
30
20
10
0
10
20
30
40
365
360
370
365
360
2:1
3:1
3:1
2:1
361.983
10+10.00
362.809
10+00.00
-DR20-