8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-0 11

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

INDEX OF CROSS SECTION SHEETS

PART II

–Y5– [US 70 BUS. (S. MIAMI BLVD.)]	10+00.00 – 27+27.00	X–200 TO X–207
–Y6– (EAST END AVE.)	9+20.00 – 16+34.00	X–208 TO X–211
	16+34.00 – 24+79.74	SEE –Y4– XSC > X–134 TO X–139
	24+79.74 – 33+00.00	X–212 TO X–215
–Y7– (CARR RD.)	8+00.00 – 31+70.31	X–216 TO X–225
–Y7RPA– (CARR RD. RAMP A)	10+00.00 – 23+50.00	SEE –L– XSC > X–38 TO X–33
	23+50.00 – 29+64.00	X–226 TO X–229
–Y7LPA– (CARR RD. LOOP A)	10+00.00 – 12+90.00	SEE –L– XSC > X–30 TO X–31
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	15+00.00 – 17+33.55	SEE –Y7RPA– XSC > X–227 TO X–229
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	6+52.00 – 13+54.66	SEE –Y4– XSC > X–134 TO X–137
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–Y9– SR 1921 (PLEASANT RD.)	37+00.00 – 40+50.00	X–254 TO X–255
–Y10– SR 1815 (PLEASANT RD.)	10+50.00 – 16+43.98	X–256 TO X–257
–Y11– SR 1815 (OLD PLEASANT RD.)	10+50.00 – 12+50.00	X–258 TO X–259
–Y12– CEMETERY DRIVE (OFF CAROLYN DR.)	10+40.00 – 10+90.00	SEE –L– XSC > X–36 TO X–37
	10+90.00 – 24+50.00	X–260 TO X–268
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–Y14– (BARNES ST.)	10+50.00 – 12+50.00	X–272 TO X–273
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–Y18– [PETTIGREW ST. (FUTURE)]	20+00.00 – 27+00.00	X–285 TO X–287
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–DFEB– NC 147 (DURHAM FREEWAY EB)	10+31.03 – 50+50.00	" "
–DFWB– NC 147 (DURHAM FREEWAY WB)	53+69.07 – 70+00.00	SEE –LDFEB– XSC > X–62 TO X–70
–DFEB– NC 147 (DURHAM FREEWAY EB)	50+50.00 – 75+61.18	SEE –LDFEB– XSC > X–63 TO X–74
–LDFWB– RAMP (EEC EB TO NC 147 WB)	10+00.00 – 17+60.00	SEE –LDFEB– XSC > X–55 TO X–58
	17+60.00 – 24+68.42	X–308 TO X–312
	24+68.42 – 29+56.52	SEE –DFWB– XSC > X–301 TO X–299
–DFFLY– FLYOVER (NC 147 EB TO EEC WB)	10+00.00 – 21+72.81	SEE –LDFEB– XSC > X–55 TO X–61
	21+72.81 – 26+23.63	BRIDGE XSC NOT SHOWN
	26+23.63 – 41+89.35	SEE –DFWB– XSC > X–307 TO X–299
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–RRDET– (INCLUDES –CSX1–, –SPURT–, & –CSX3–)	11+50.00 – 41+15.05	X–318 TO X–327
–NSRR–	11+50.00 – 41+12.82	X–328 TO X–337
–CSXRR– (INCLUDES –SPURF–)	15+00.00 – 39+50.84	X–328 TO X–336

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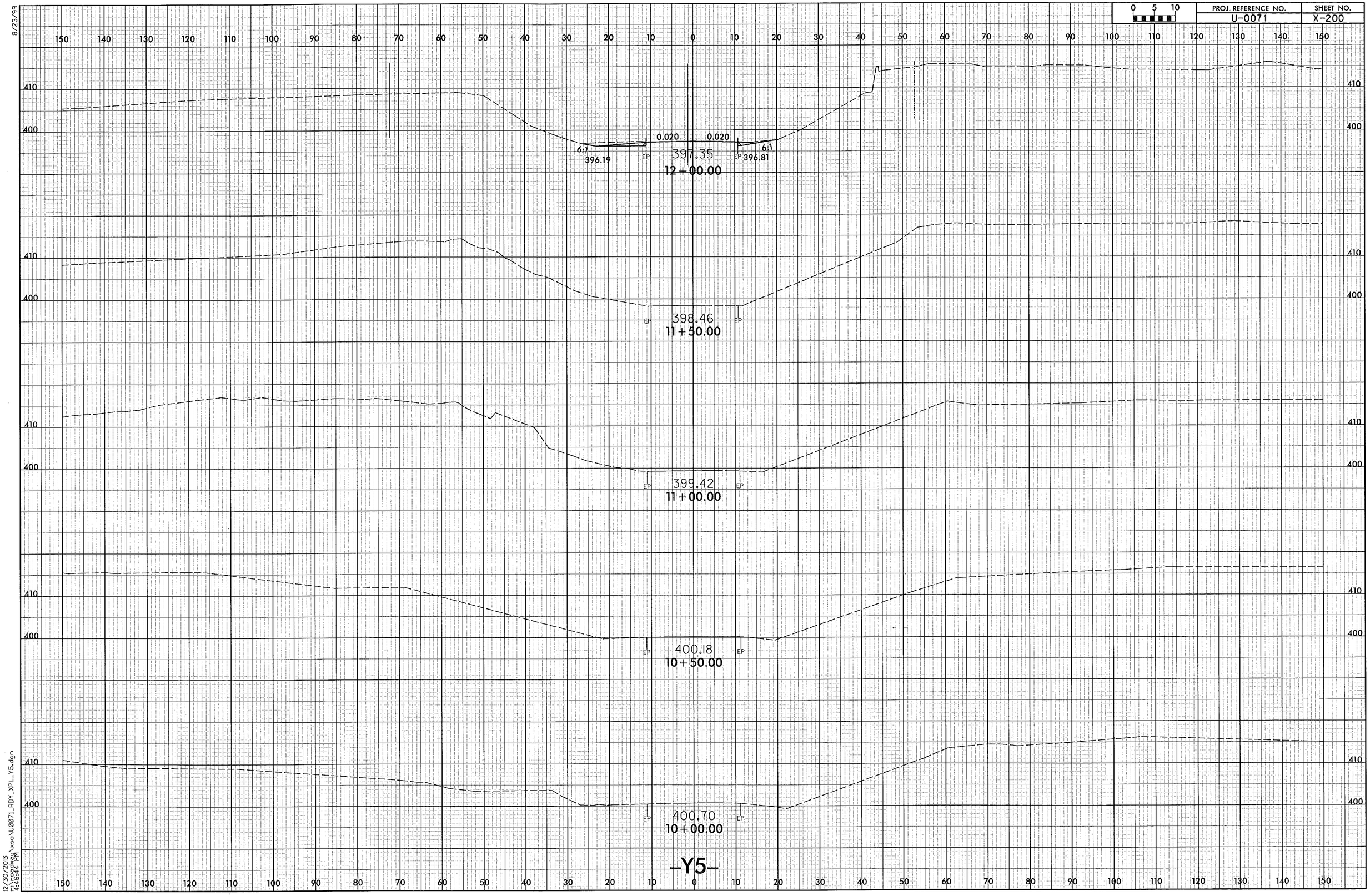

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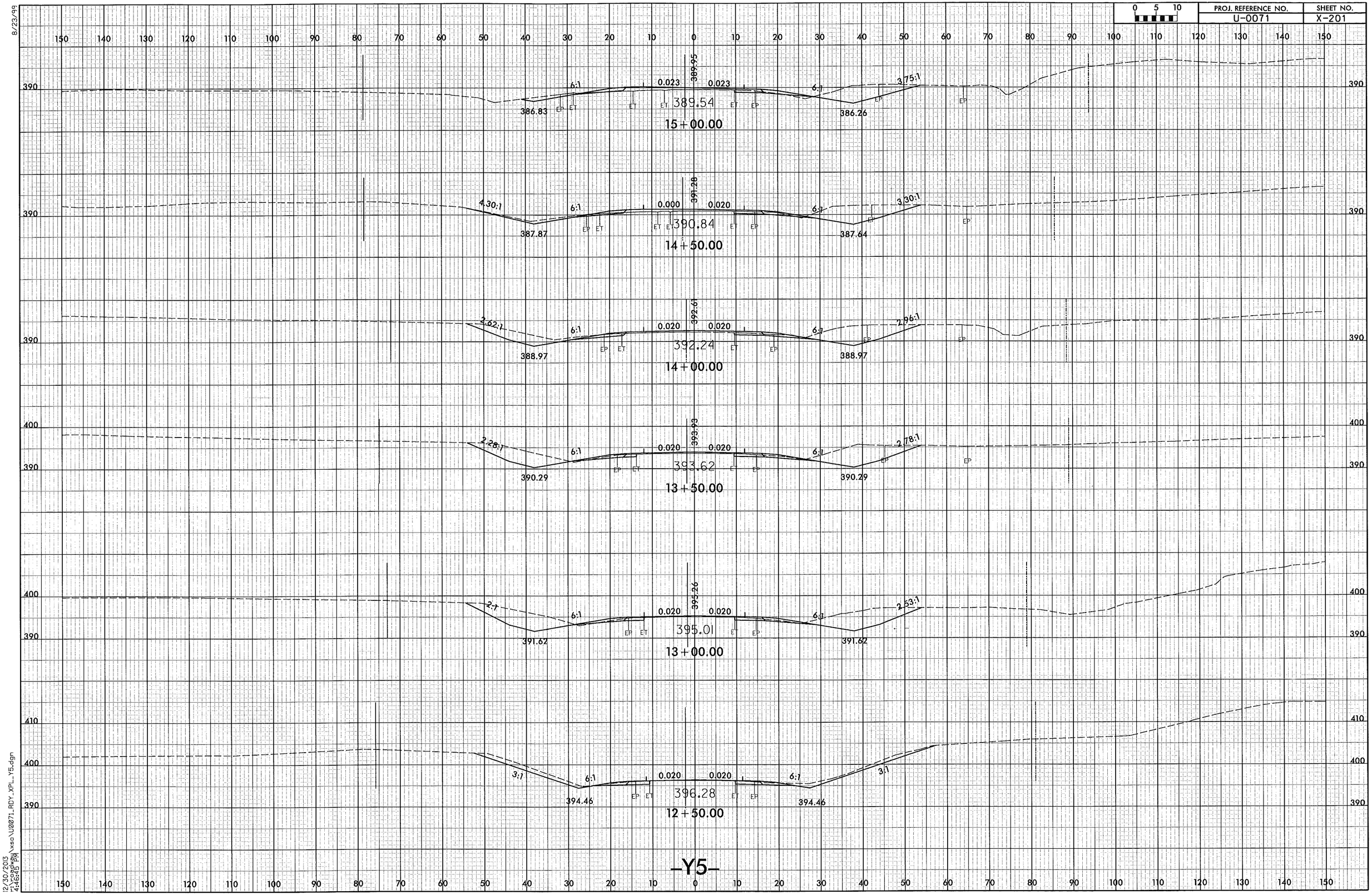

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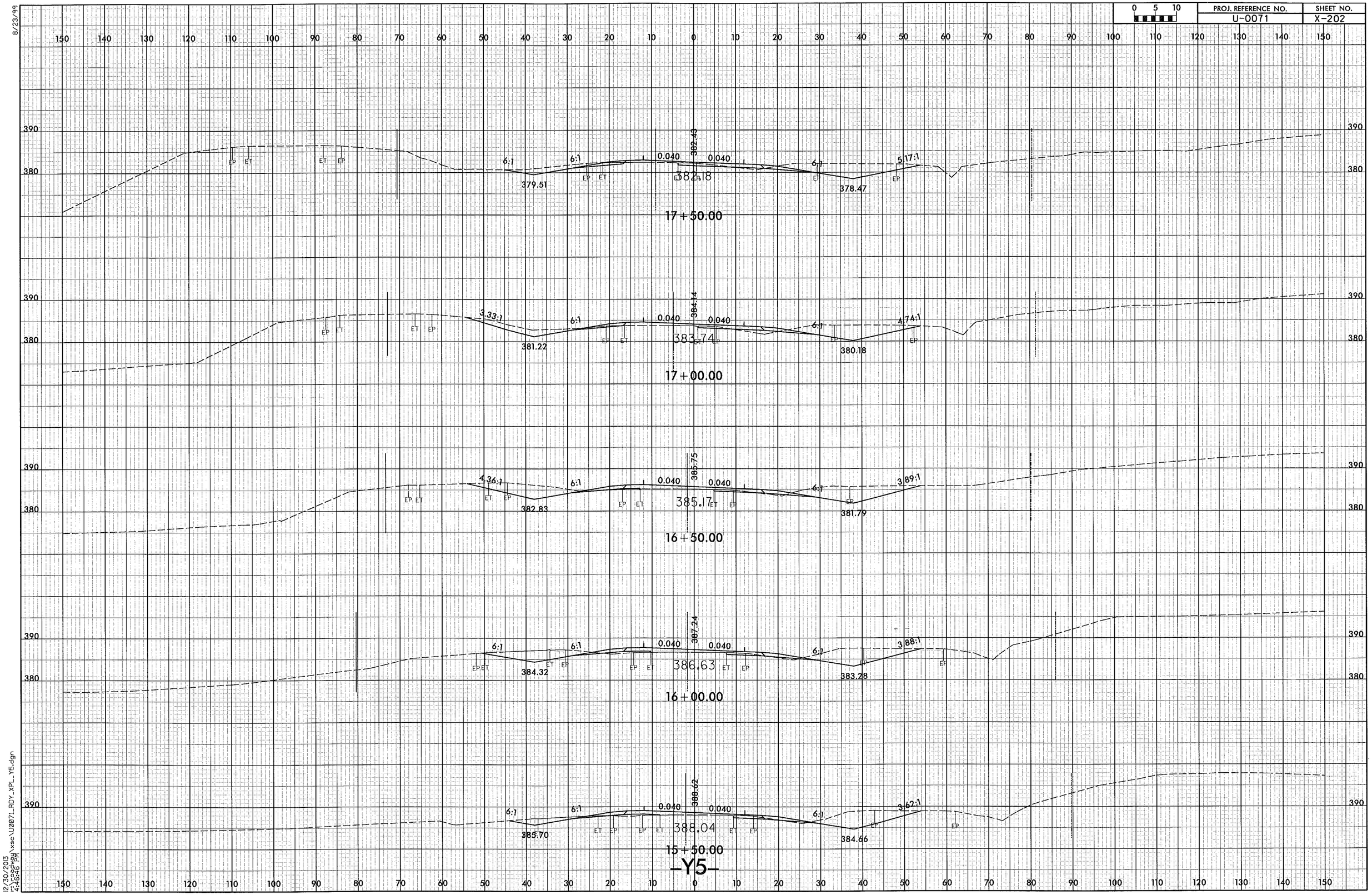

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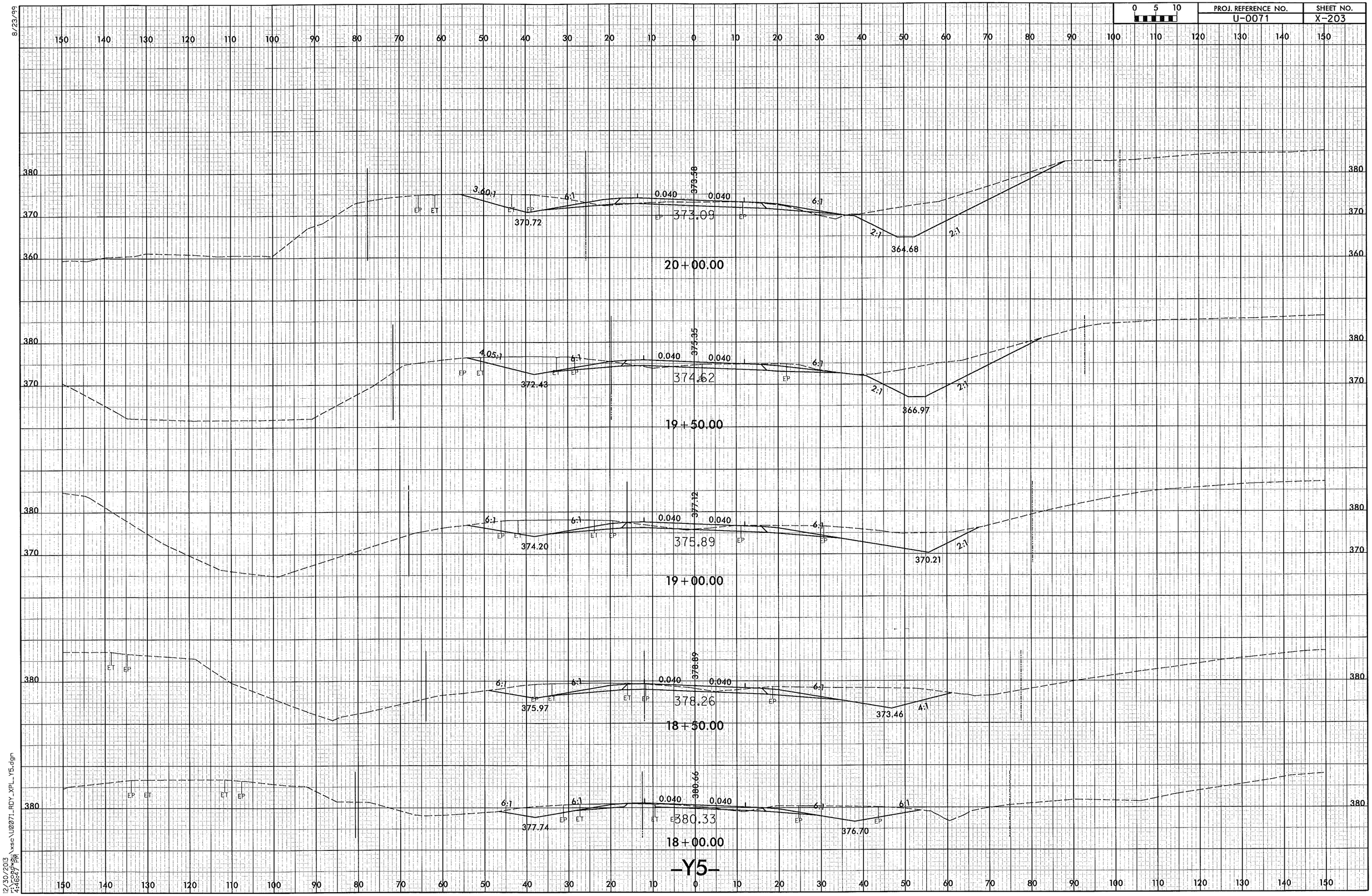

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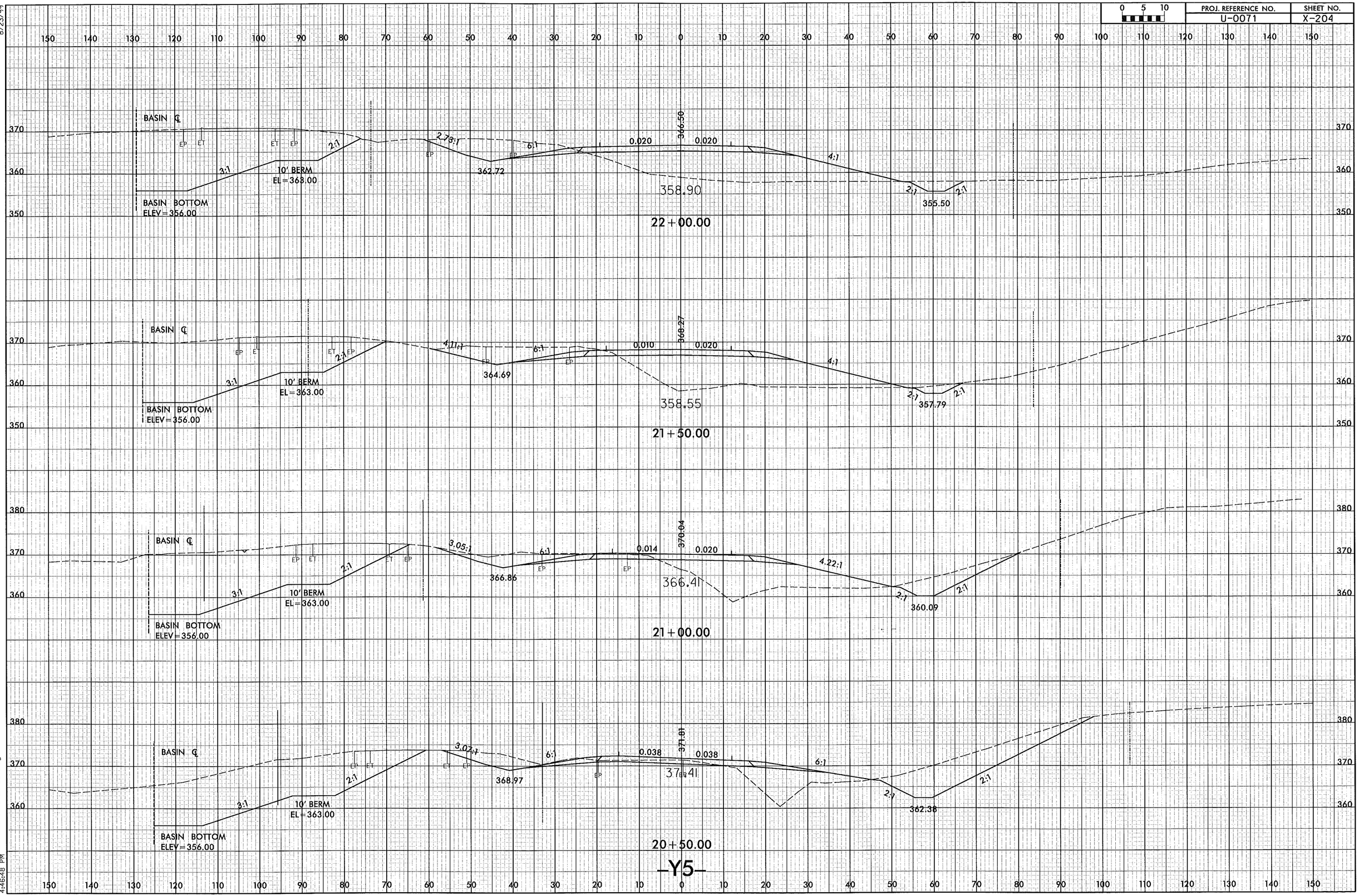

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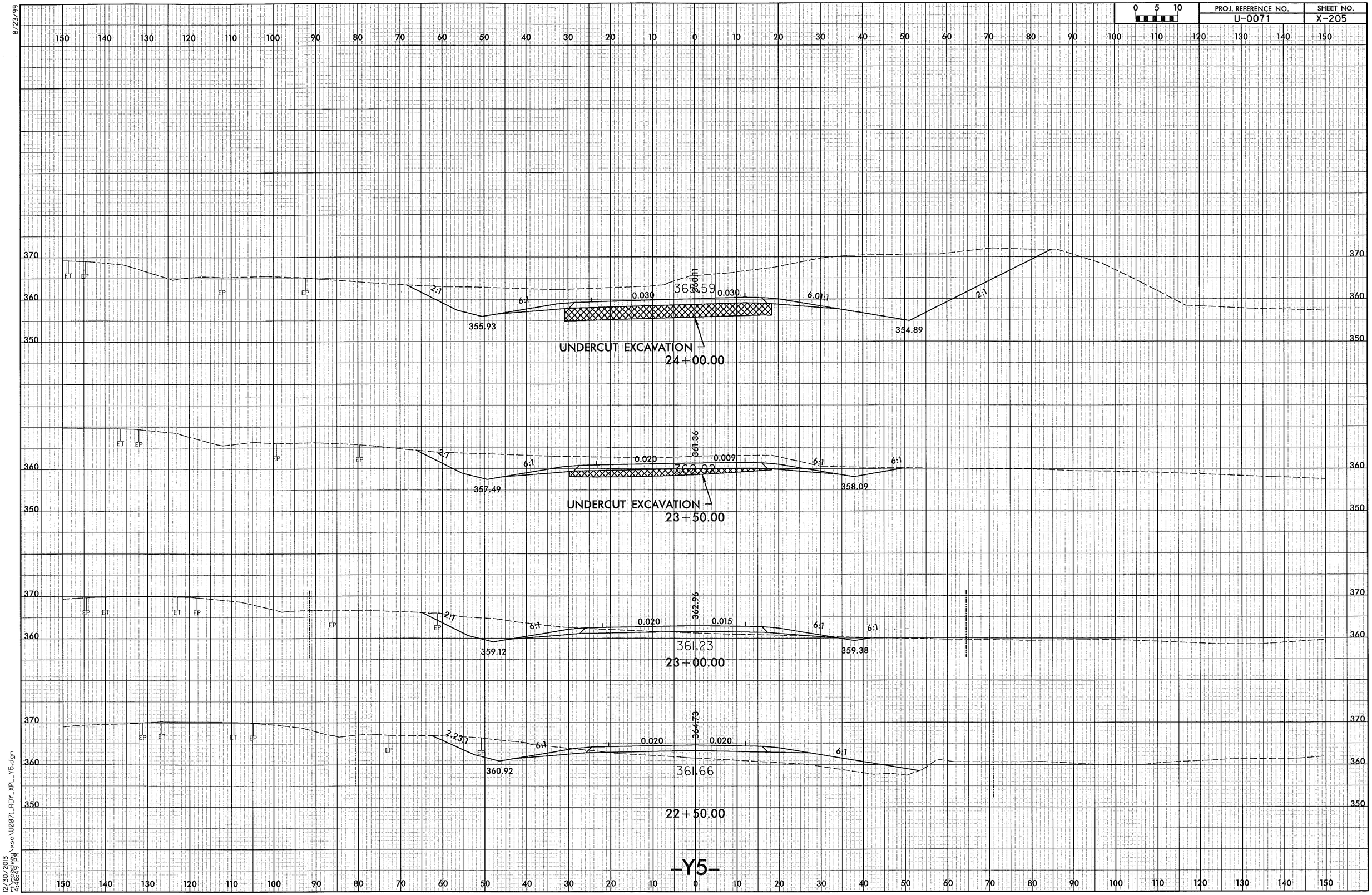

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355.93
354.89
UNDERCUT EXCAVATION
23+50.00
357.49
358.09
23+00.00
359.12
359.38
361.23
22+50.00
360.92
361.66
-Y5-
12/30/2013
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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
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360
350
340

EP EP

2:1 6:1 0.020 0.014 0.012 4:1 3:1

358.53

352.00 351.90 342.11

26+00.00

360
350

EP EP

2:1 6:1 0.030 0.030 5:1 3:1 3:1

358.41

352.98 354.94 345.31

UNDERCUT EXCAVATION

25+50.00

360
350

EP EP

2:1 6:1 0.030 0.030 6.0:1 2:1

359.63

353.97 348.50

UNDERCUT EXCAVATION

25+00.00

370
360
350

EP EP

2:1 6:1 0.030 0.030 6.0:1 2:1

359.20

354.95 362.02 351.70

UNDERCUT EXCAVATION

24+50.00

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

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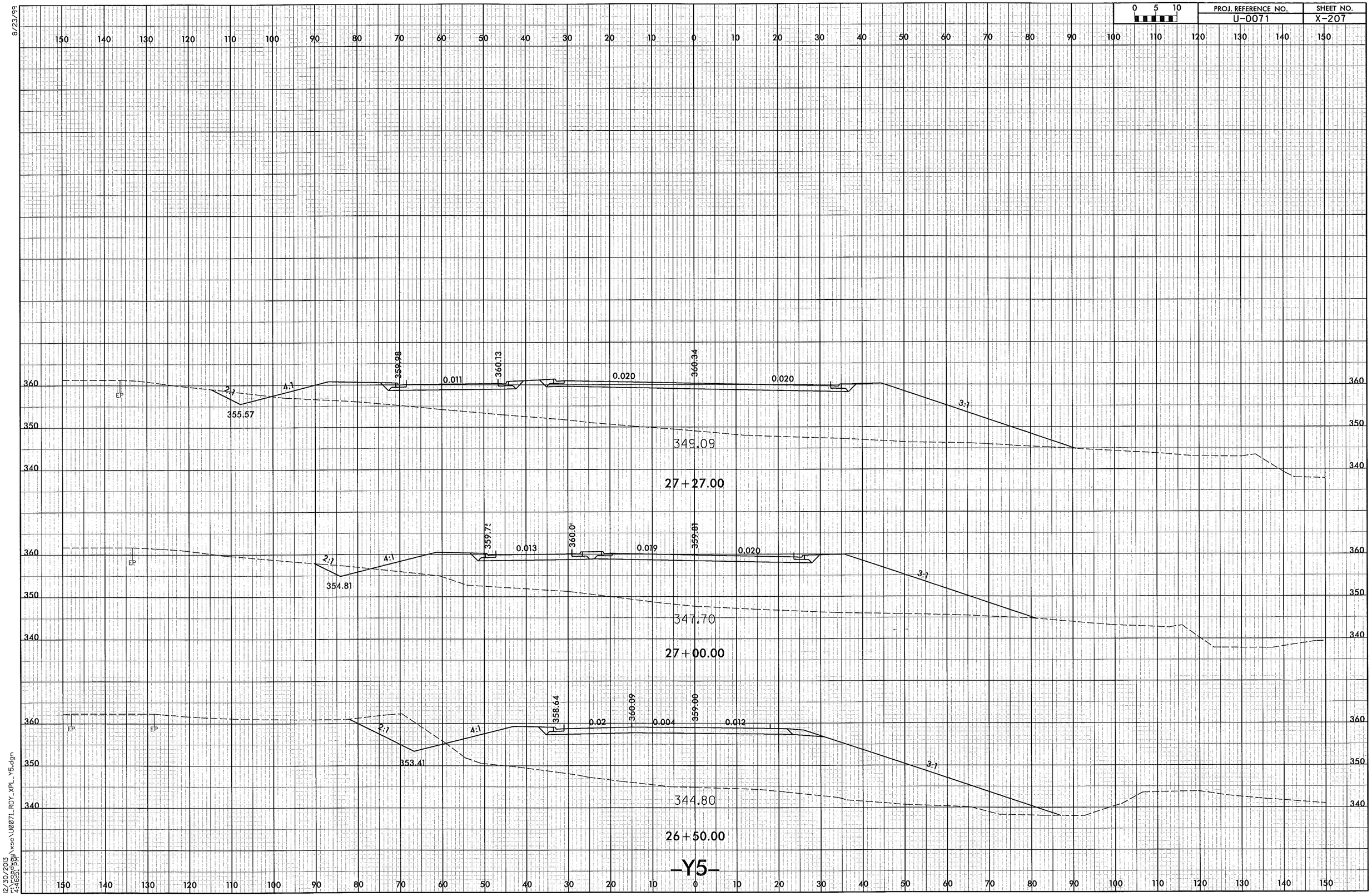

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350
340
EP
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4:1
3:1
359.98
360.13
360.34
0.011
0.020
0.020
355.57
349.09
27+27.00
359.75
360.01
359.81
0.013
0.019
0.020
354.81
347.70
27+00.00
358.64
360.09
359.00
0.02
0.004
0.012
353.41
344.80
26+50.00
-Y5-
12/30/2013
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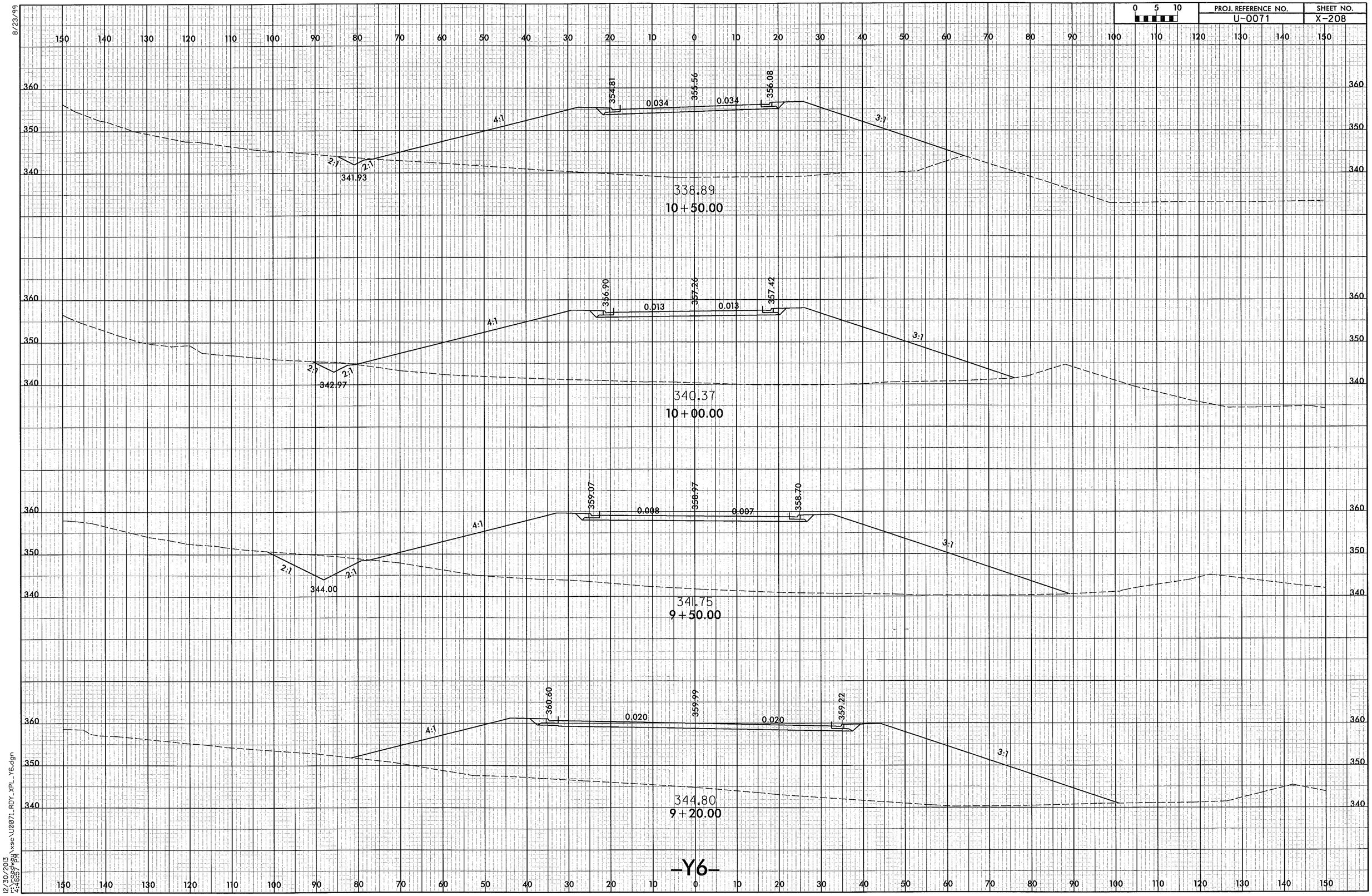

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356.08
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0.034
4:1
3:1
2:1
2:1
341.93
338.89
10+50.00
356.90
357.26
357.42
0.013
0.013
4:1
3:1
2:1
2:1
342.97
340.37
10+00.00
359.07
358.97
358.70
0.008
0.007
4:1
3:1
2:1
2:1
344.00
341.75
9+50.00
360.60
359.99
359.22
0.020
0.020
4:1
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9+20.00
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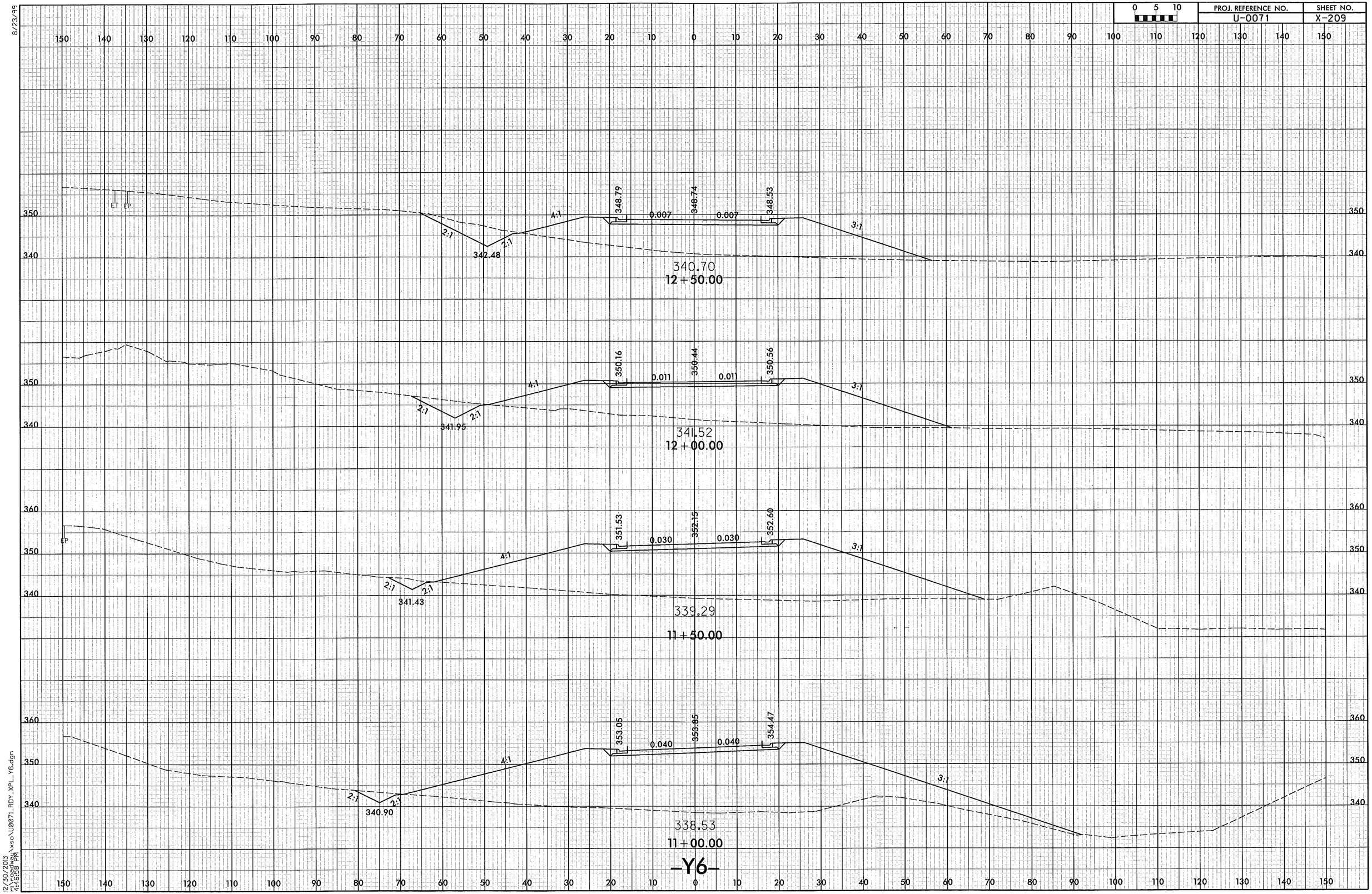

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8/23/99
ET EP
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348.74
348.53
0.007
0.007
4:1
2:1
2:1
3:1
342.48
340.70
12+50.00
350.16
350.44
350.56
0.011
0.011
4:1
2:1
2:1
3:1
341.95
341.52
12+00.00
EP
351.53
352.15
352.60
0.030
0.030
4:1
2:1
2:1
3:1
341.43
339.29
11+50.00
353.05
353.85
354.47
0.040
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2:1
3:1
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338.53
11+00.00
-Y6-
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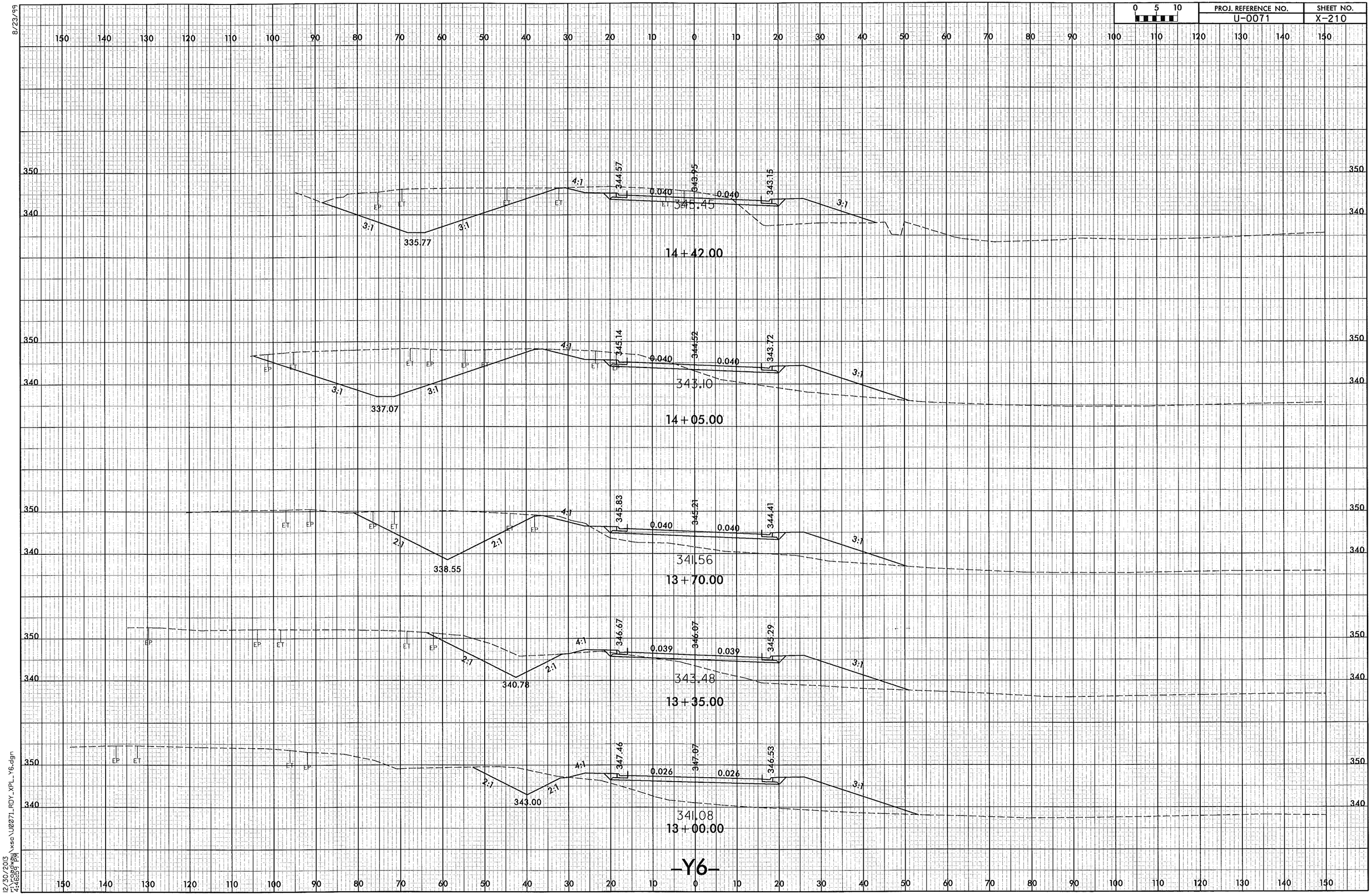

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344.57
343.95
343.15
0.040
0.040
14+05.00
337.07
343.10
345.14
344.52
343.72
0.040
0.040
13+70.00
338.55
341.56
345.83
345.21
344.41
0.040
0.040
13+35.00
340.78
343.48
346.67
346.07
345.29
0.039
0.039
13+00.00
343.00
341.08
347.46
347.07
346.53
0.026
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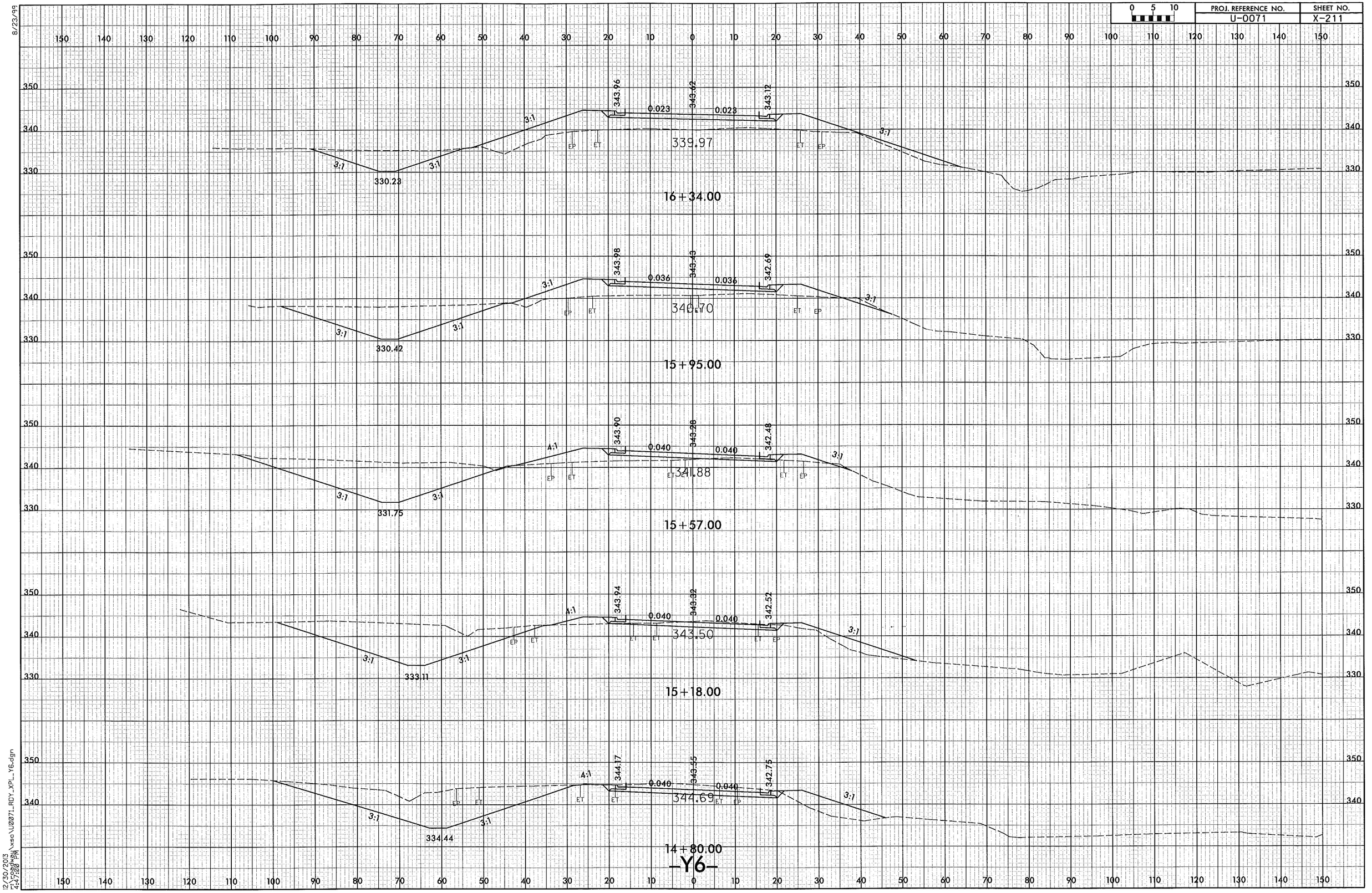

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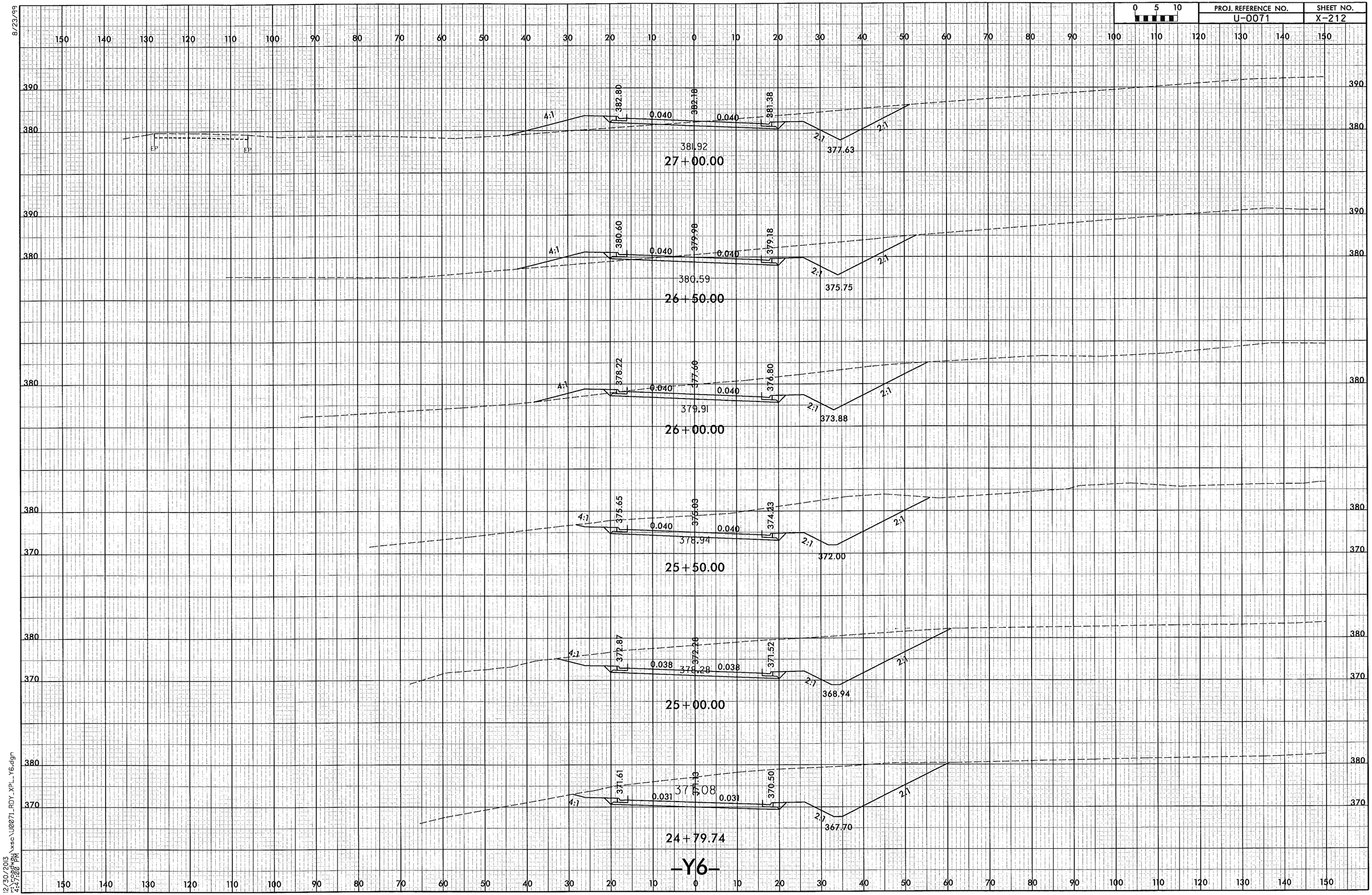

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2:1
EP
EP
381.92
377.63
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380.60
379.98
379.18
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0.040
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2:1
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380.59
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26+50.00
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377.60
376.80
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373.88
26+00.00
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374.23
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0.040
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2:1
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378.28
368.94
25+00.00
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371.13
370.50
0.031
0.031
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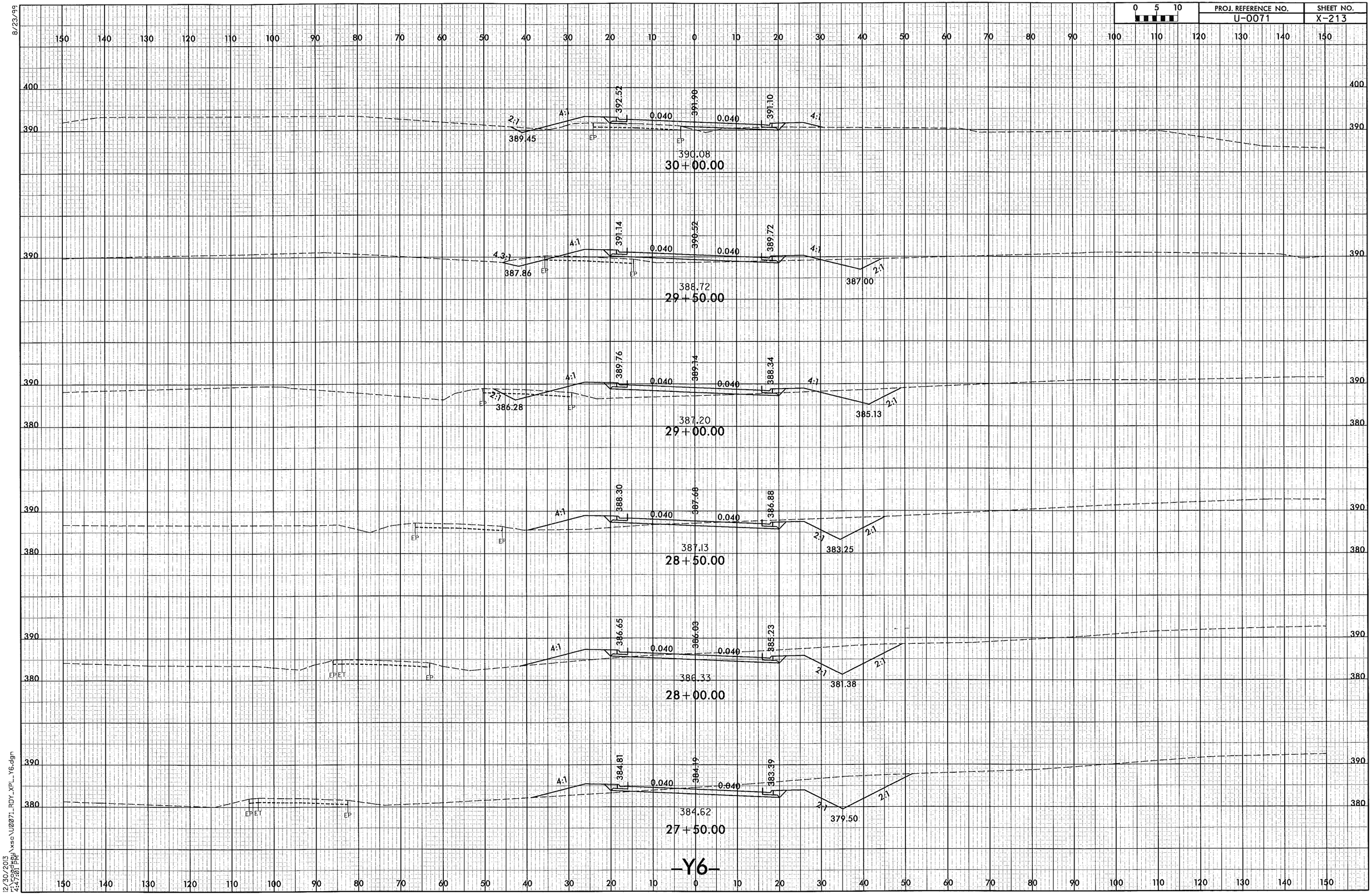

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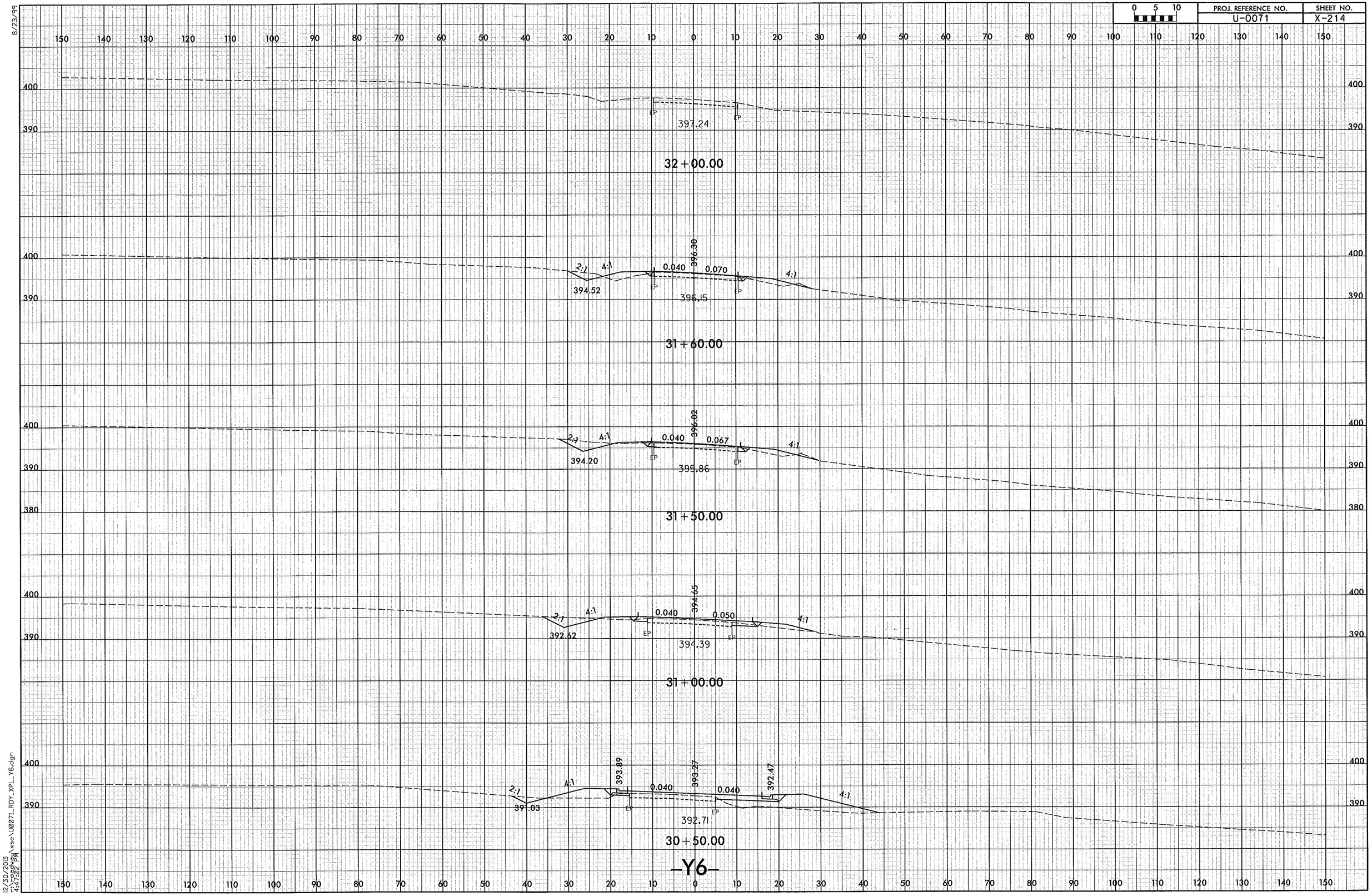

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396.30
0.070
4:1
394.52
396.15
31+60.00
2:1
4:1
0.040
396.02
0.067
4:1
394.20
395.86
31+50.00
2:1
4:1
0.040
394.65
0.050
4:1
392.62
394.39
31+00.00
2:1
4:1
393.89
0.040
393.27
0.040
392.47
4:1
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30+50.00
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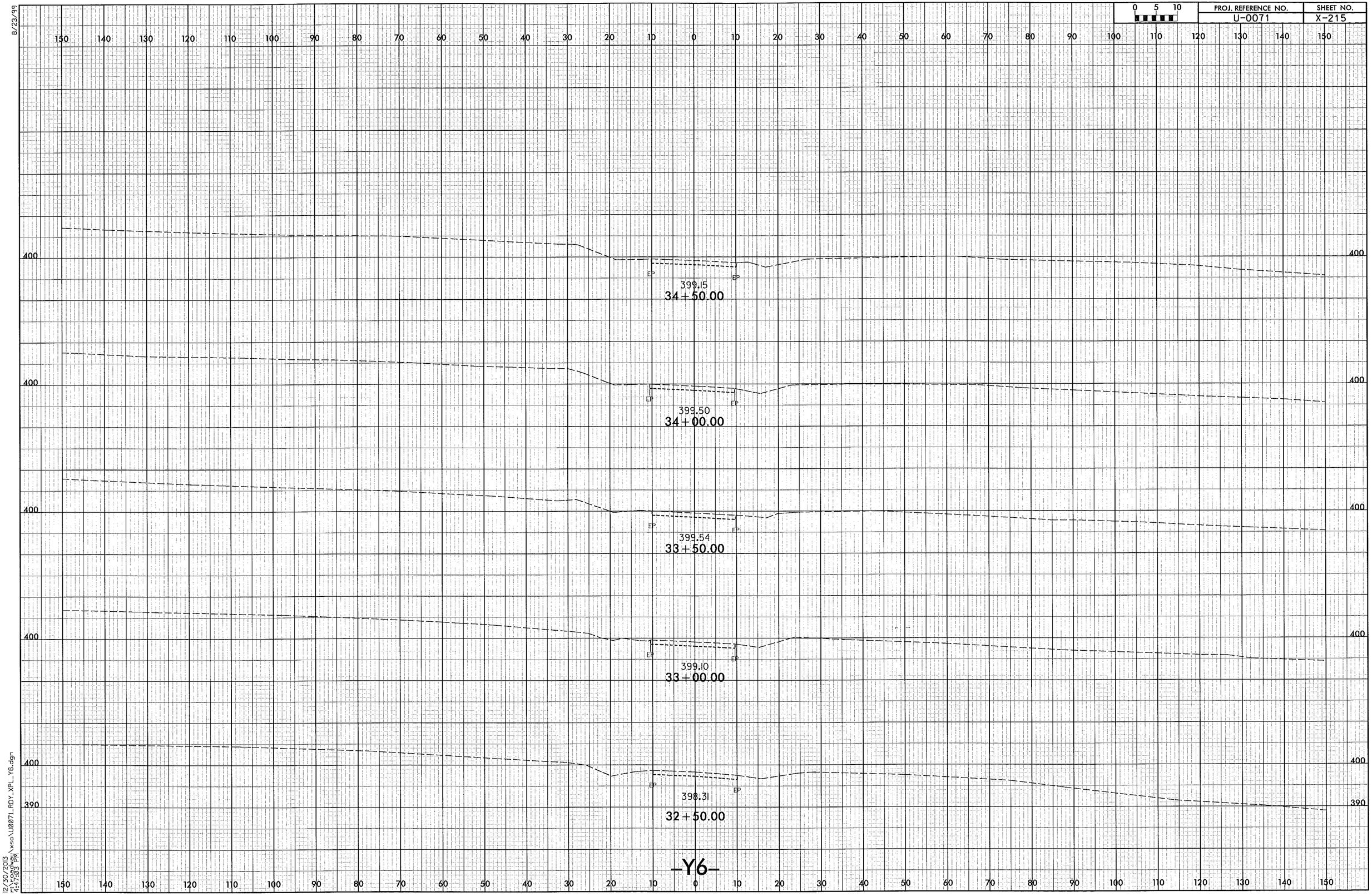

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399.10
33+00.00
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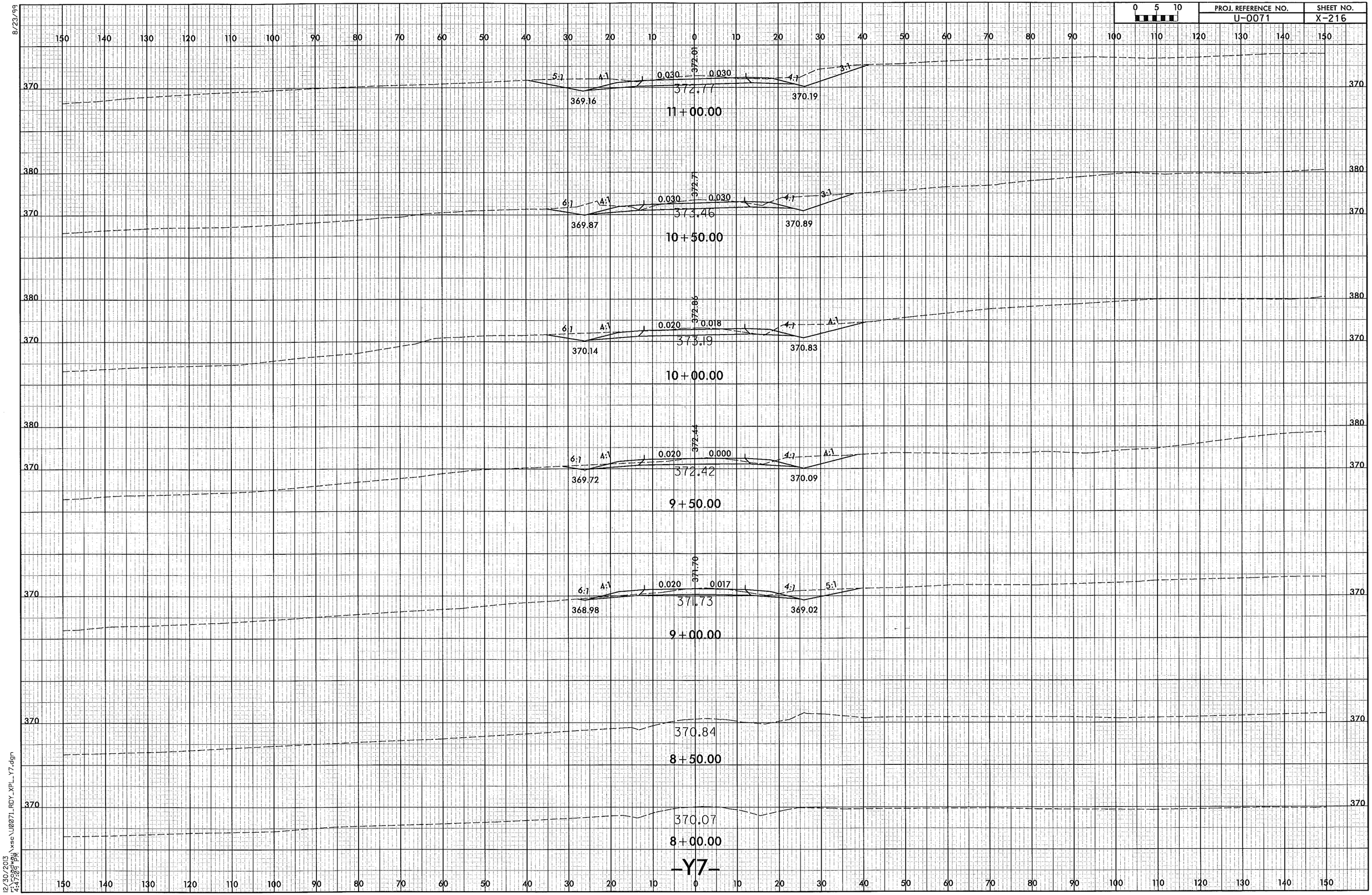

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370.19
11+00.00
372.71
6:1
4:1
0.030
0.030
4:1
3:1
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369.87
370.89
10+50.00
372.86
6:1
4:1
0.020
0.018
4:1
4:1
373.19
370.14
370.83
10+00.00
372.44
6:1
4:1
0.020
0.000
4:1
4:1
372.42
369.72
370.09
9+50.00
371.70
6:1
4:1
0.020
0.017
4:1
5:1
371.73
368.98
369.02
9+00.00
370.84
8+50.00
370.07
8+00.00
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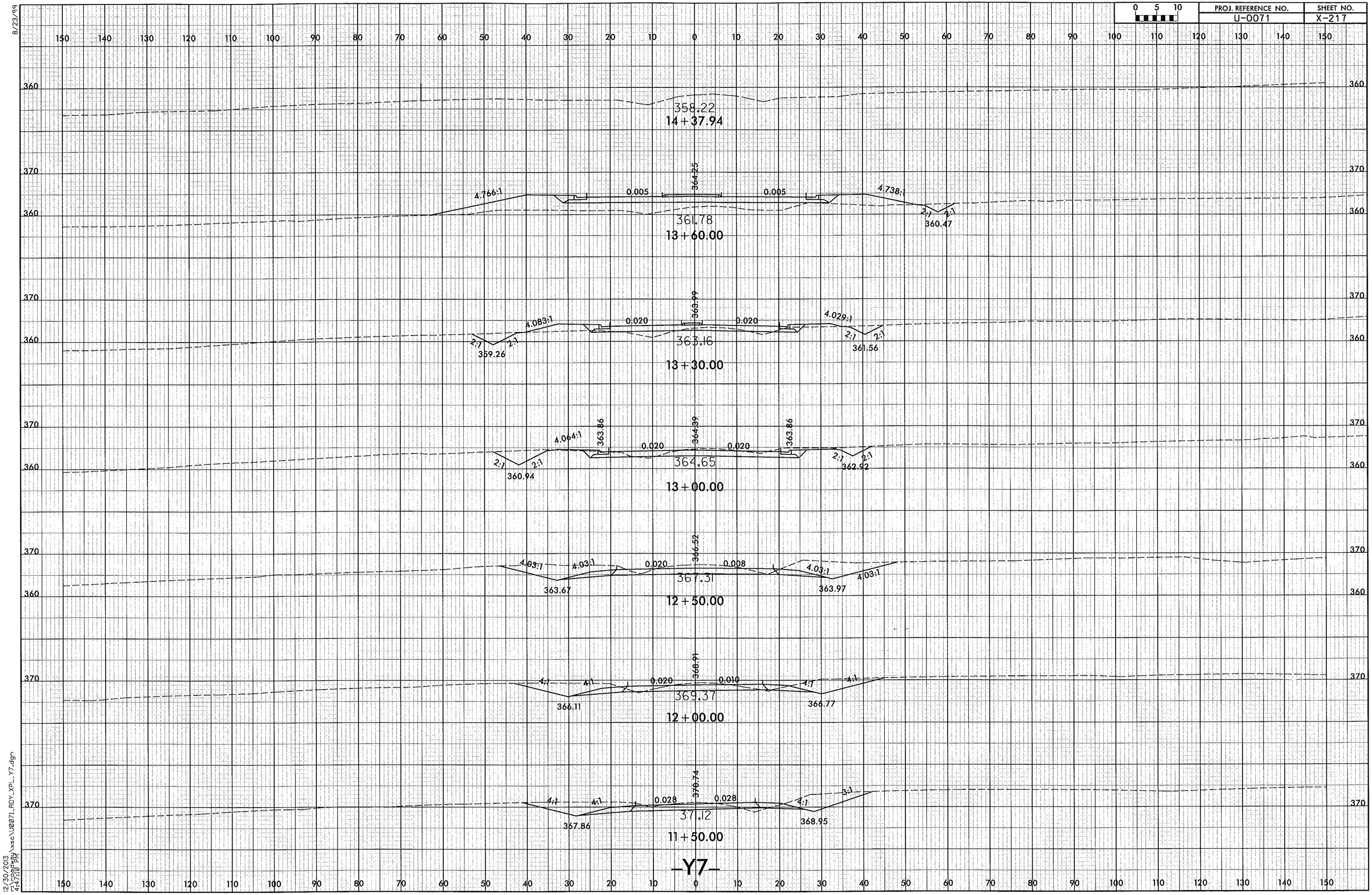

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U-0071
SHEET NO.
X-217
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0.005
364.25
0.005
4.738:1
2:1
2:1
360.47
361.78
13+60.00
4.083:1
0.020
363.99
0.020
4.029:1
2:1
2:1
359.26
363.16
361.56
13+30.00
4.064:1
363.86
0.020
364.39
0.020
363.86
2:1
2:1
360.94
364.65
362.92
13+00.00
4.03:1
4.03:1
0.020
366.52
0.008
4.03:1
4.03:1
363.67
367.31
363.97
12+50.00
4:1
4:1
0.020
368.91
0.010
4:1
4:1
366.11
369.37
366.77
12+00.00
4:1
4:1
0.028
370.74
0.028
4:1
3:1
367.86
37.12
368.95
11+50.00
-Y7-

8/23/99

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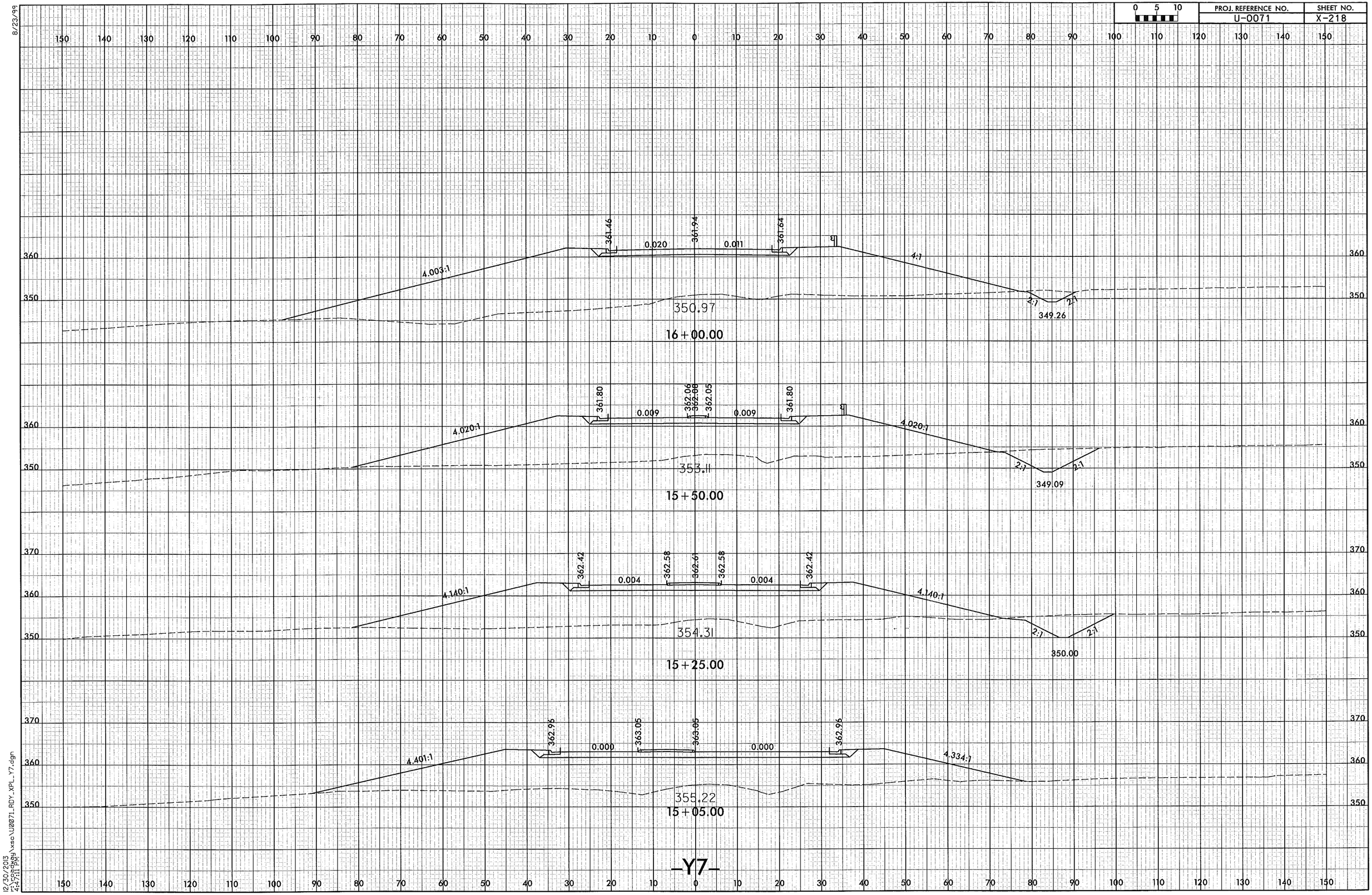

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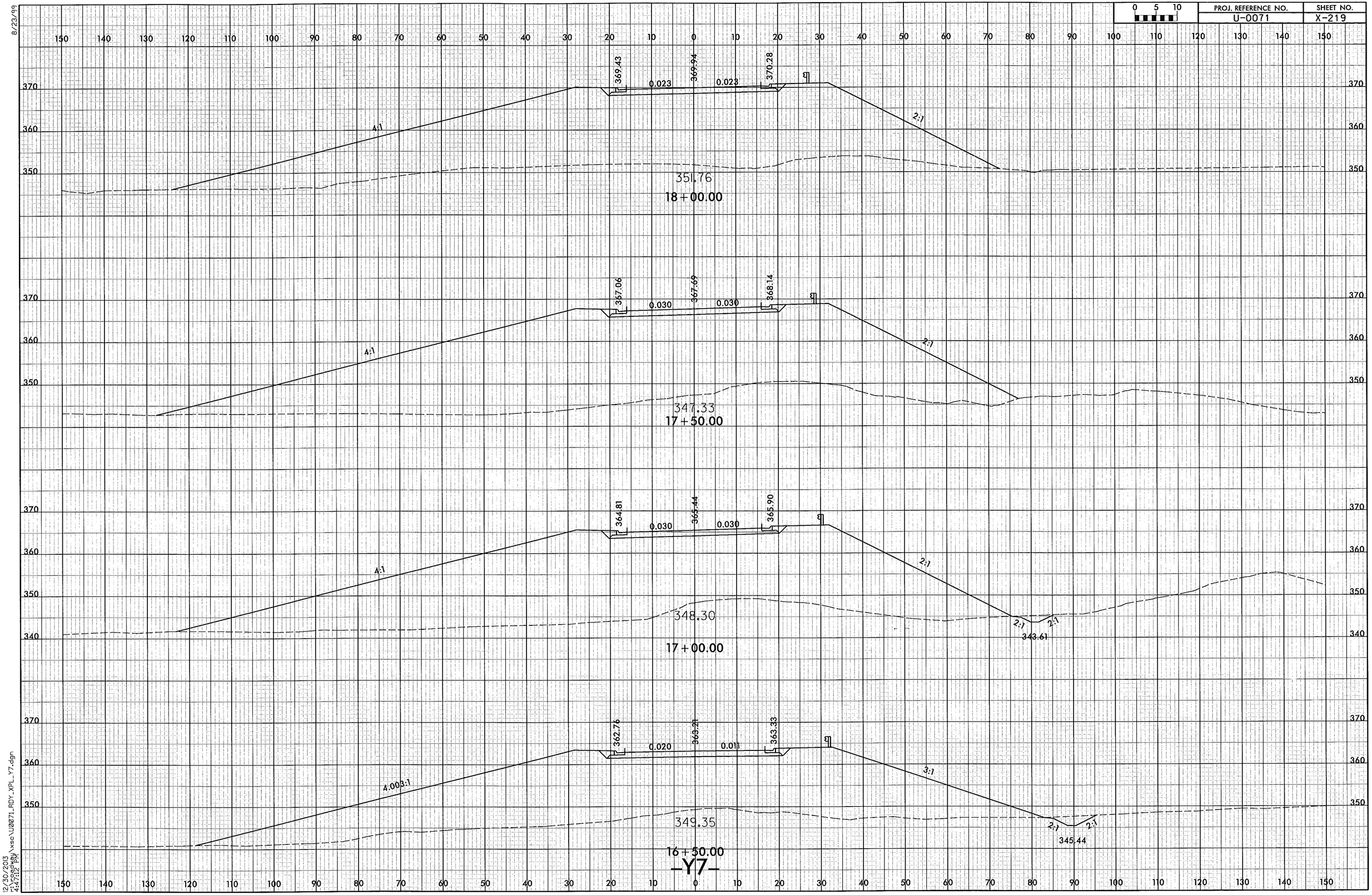

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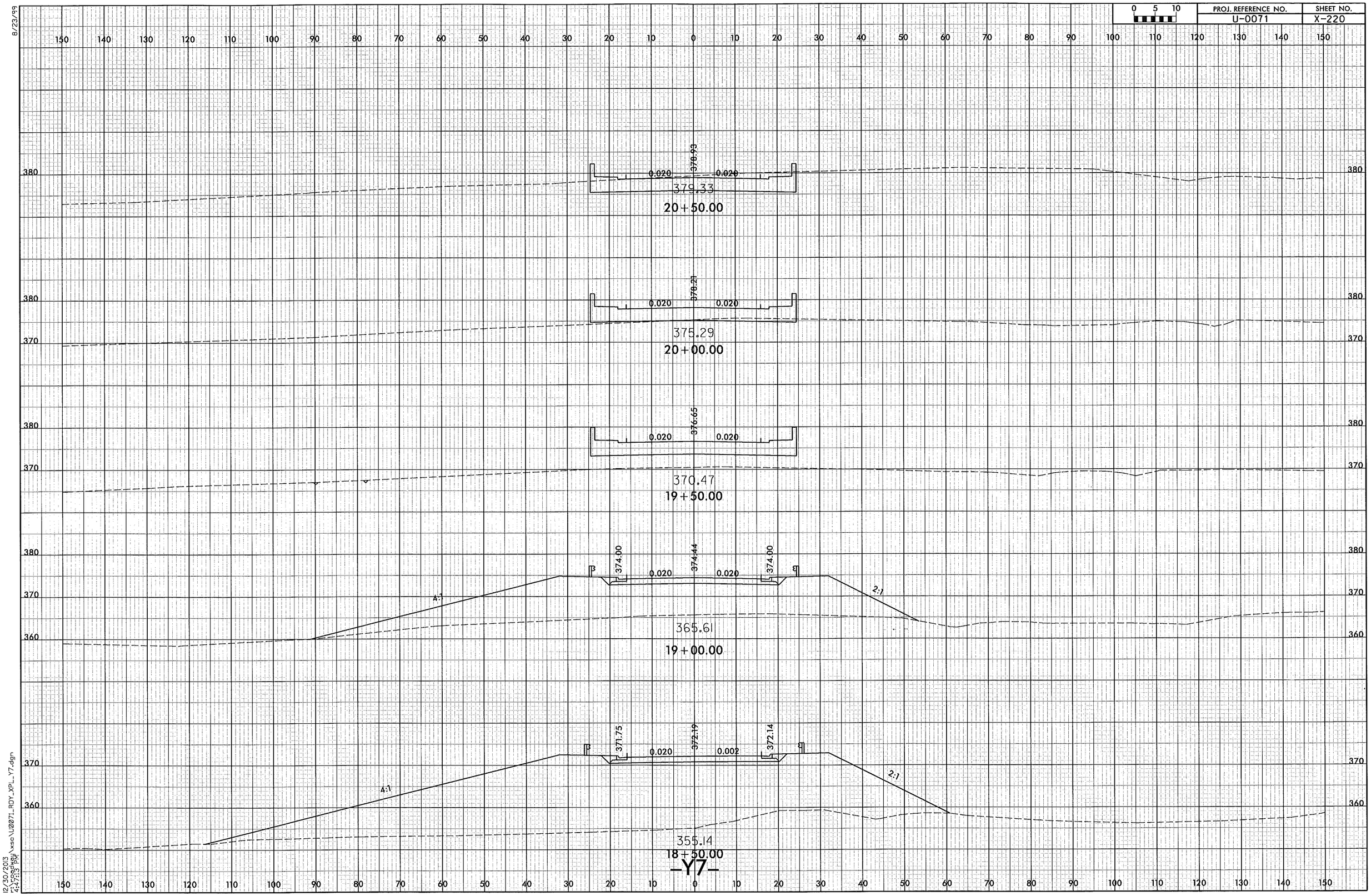

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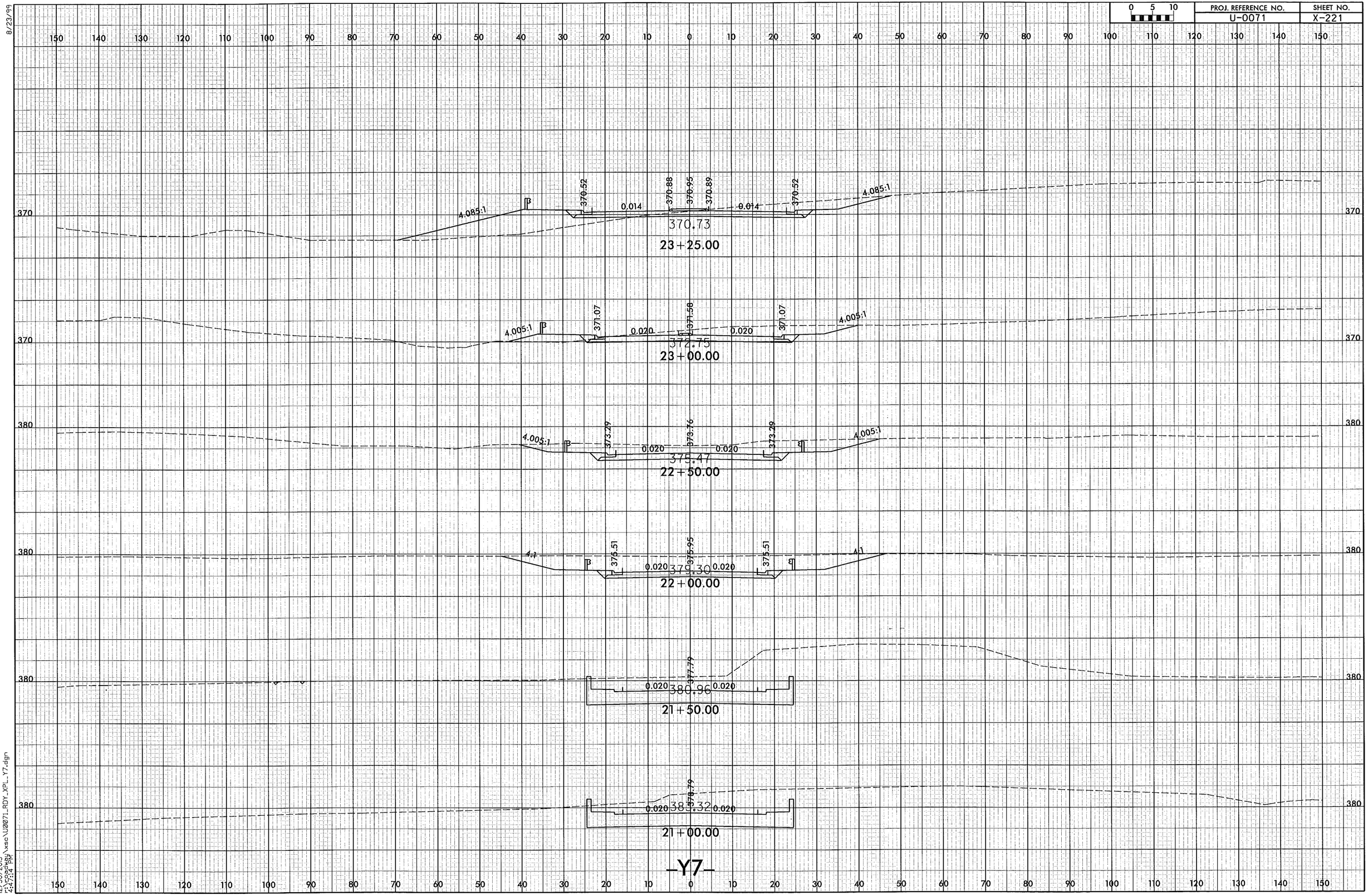

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8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-222

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

370
360

4:1 0.020 363.25 363.29 363.25 0.020 362.99 0.021 362.53 4:1

360.27
26+00.00

4.079:1 0.012 365.18 0.020 365.50 365.54 365.50 0.020 364.80 4:1

364.73
25+50.00

4:1 346.34 0.003 346.48 346.41 346.59 0.012 366.86 366.89 366.86 0.012 366.42 4:1

364.66
25+20.00

4:1 367.48 0.004 367.65 367.58 368.33 0.000 366.42 0.000 368.33 4.256:1

364.89
24+86.00

0.020 0.020

363.37
24+20.68

4.440:1 370.97 0.000 371.07 0.000 370.97 4.440:1

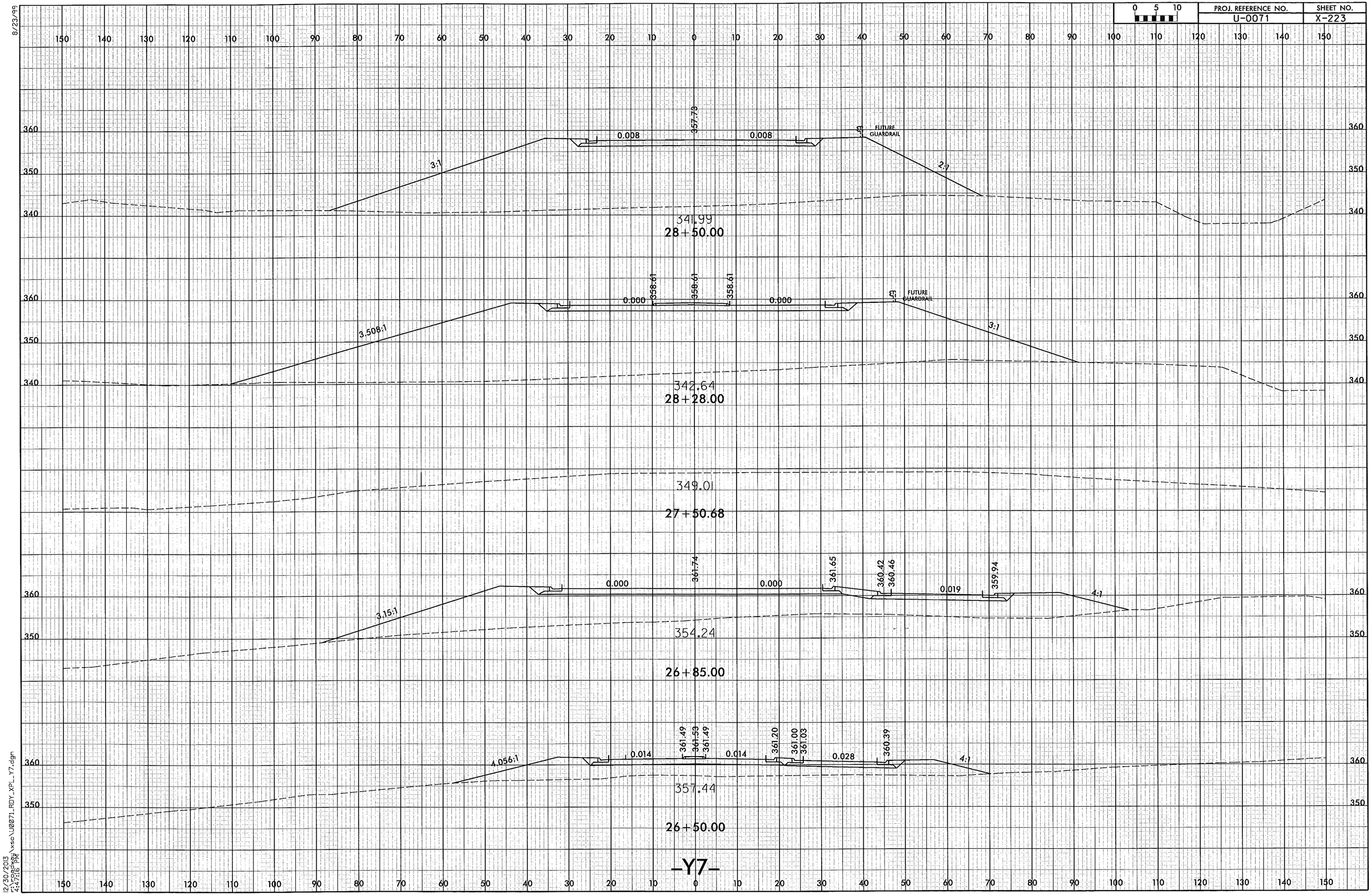
370.17
23+55.00

-Y7-

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

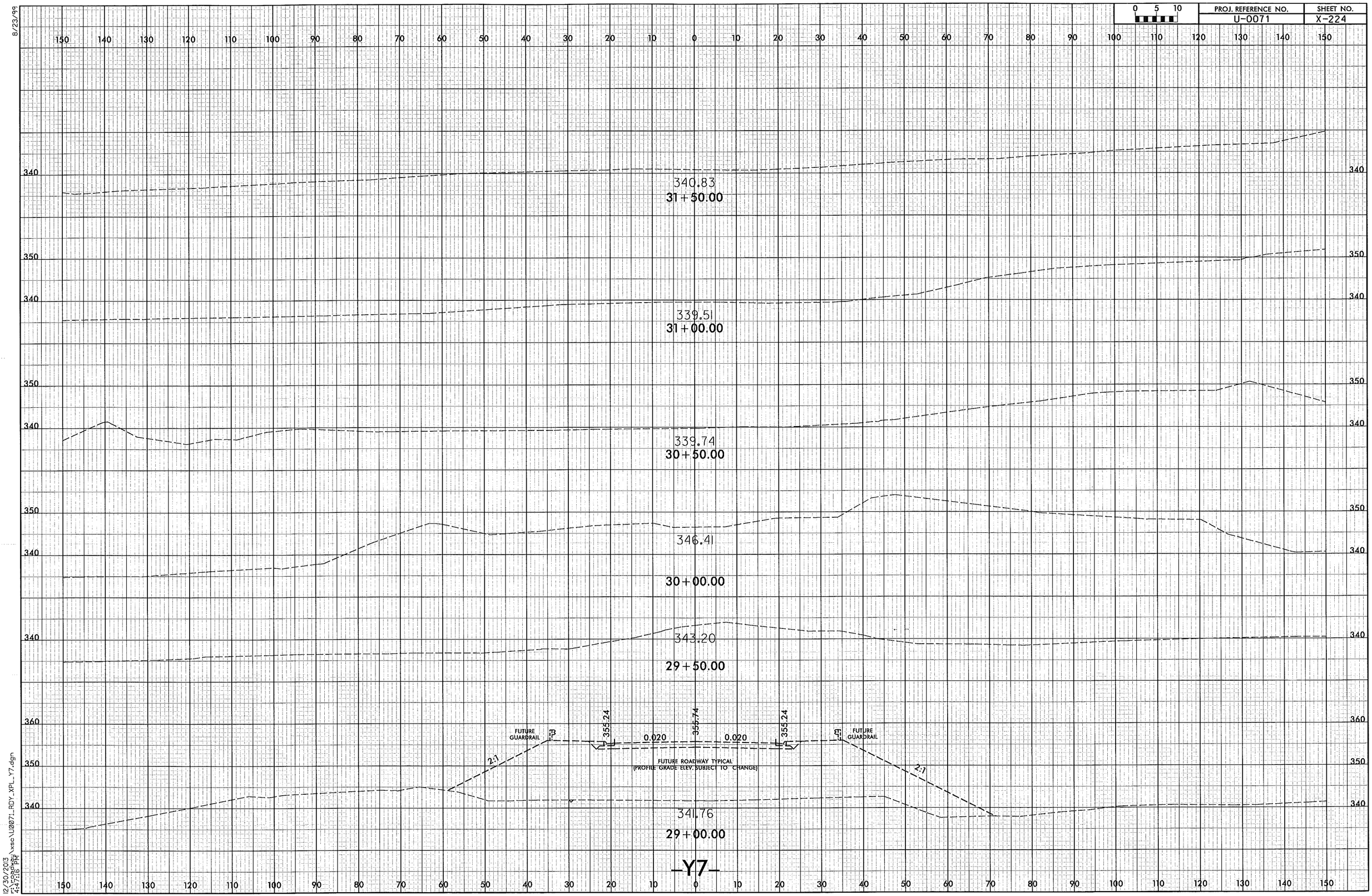
12/30/2013
11:22:24 PM
C:\roadway\xsec\U0071_ROY_XPL_Y7.dgn

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-223

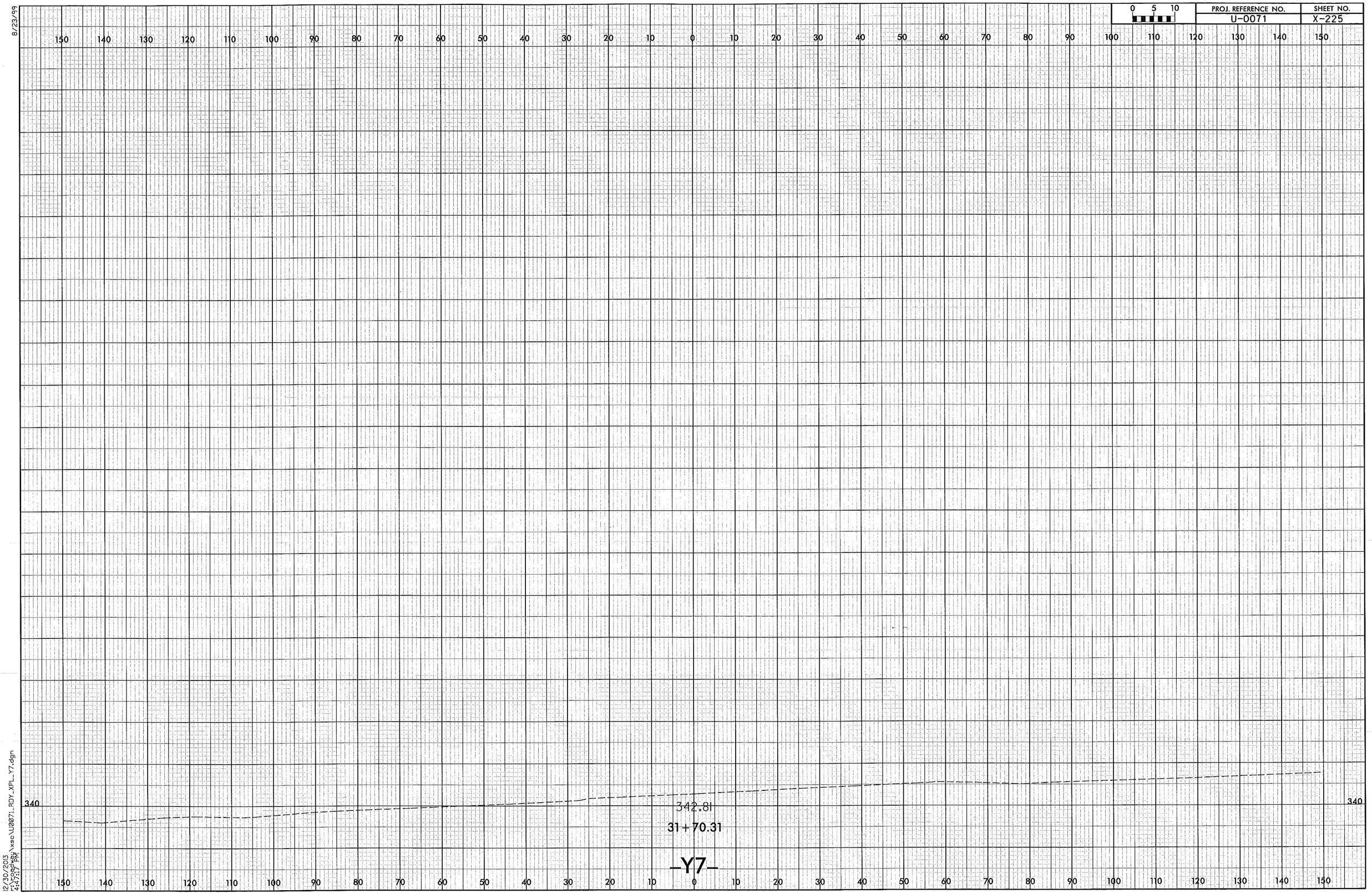


8/23/99

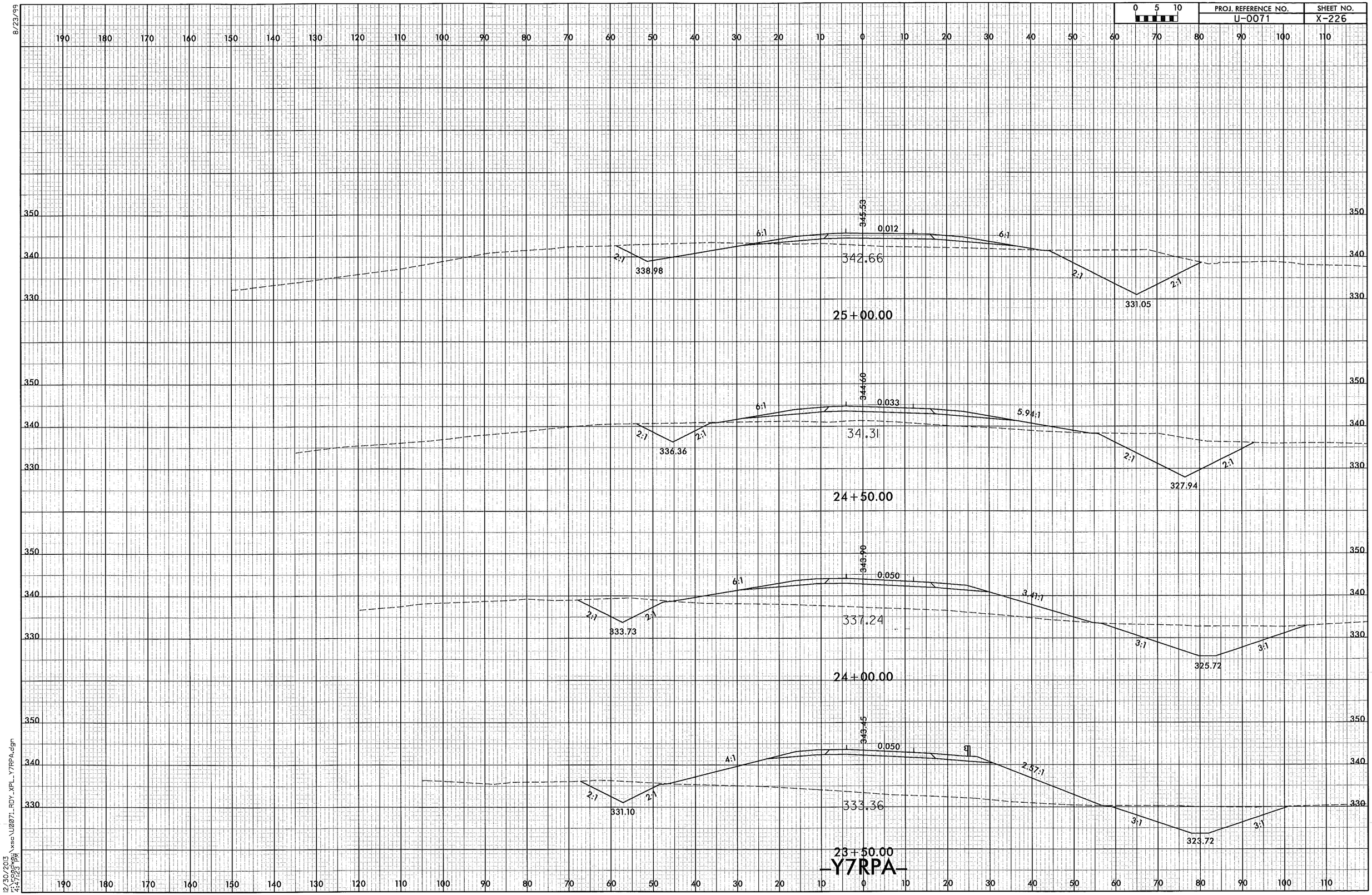
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y7.dgn
4:47:16 PM



0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-224
8/23/99
340.83
31+50.00
339.51
31+00.00
339.74
30+50.00
346.41
30+00.00
343.20
29+50.00
341.76
29+00.00
FUTURE GUARDRAIL
355.24
355.74
355.24
0.020
0.020
2:1
2:1
FUTURE ROADWAY TYPICAL
(PROFILE GRADE ELEV. SUBJECT TO CHANGE)
-Y7-
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y7.dgn
4:47:16 PM

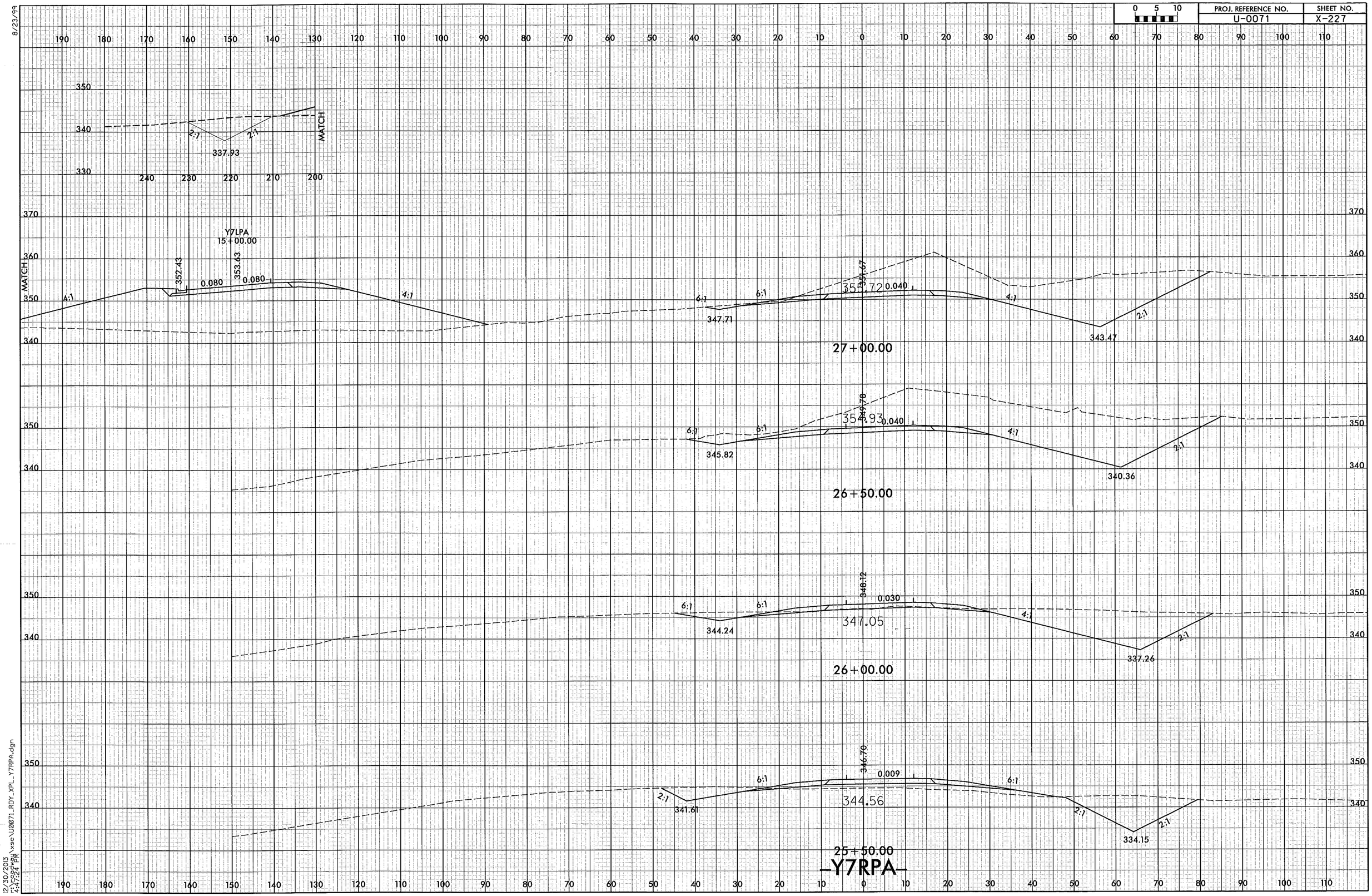


0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-225
8/23/99
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
340
342.81
31+70.31
-Y7-
12/30/2013
4:47:17 PM

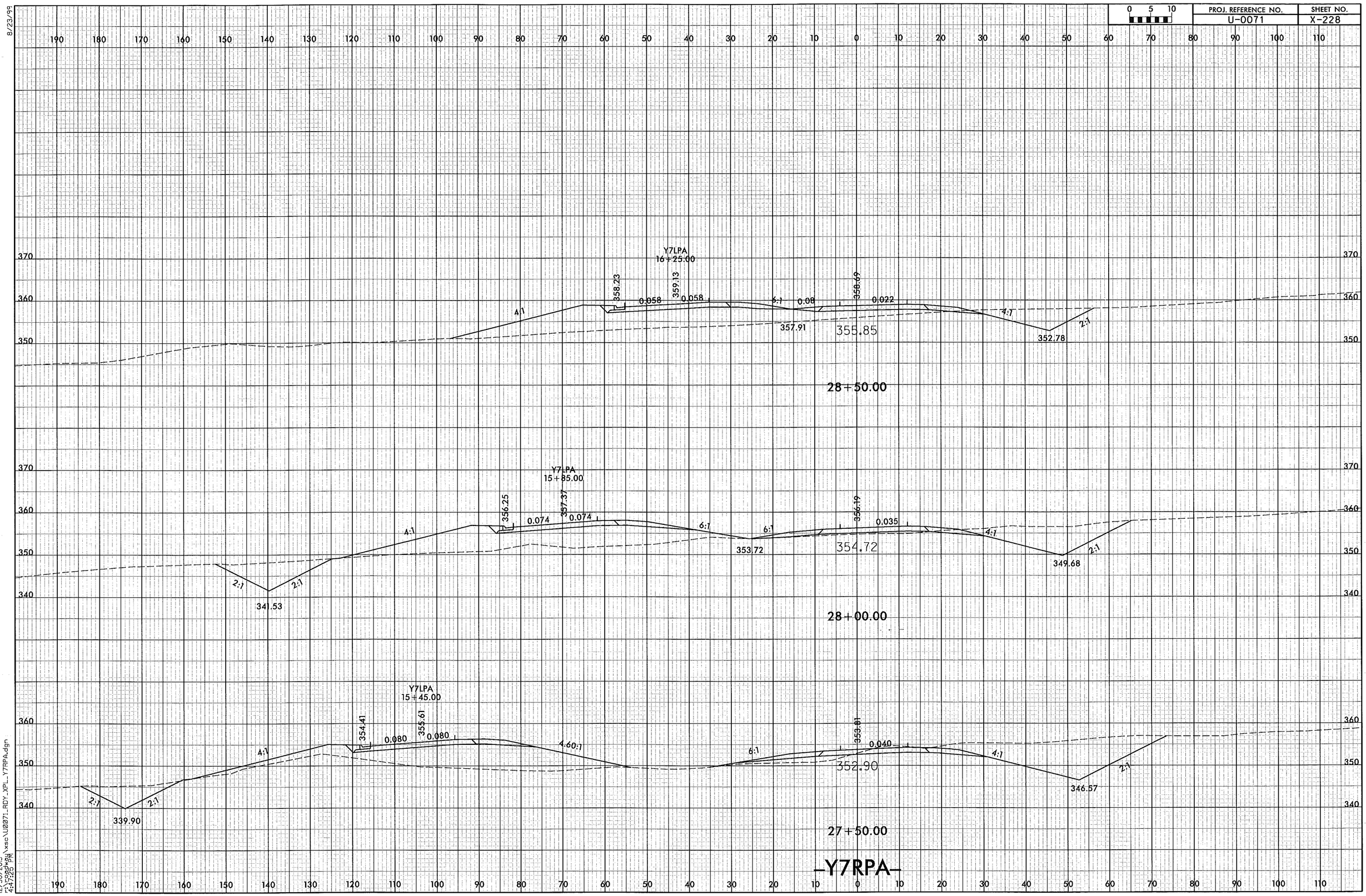


8/23/99

12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y7RPA.dgn
4:47:23 PM



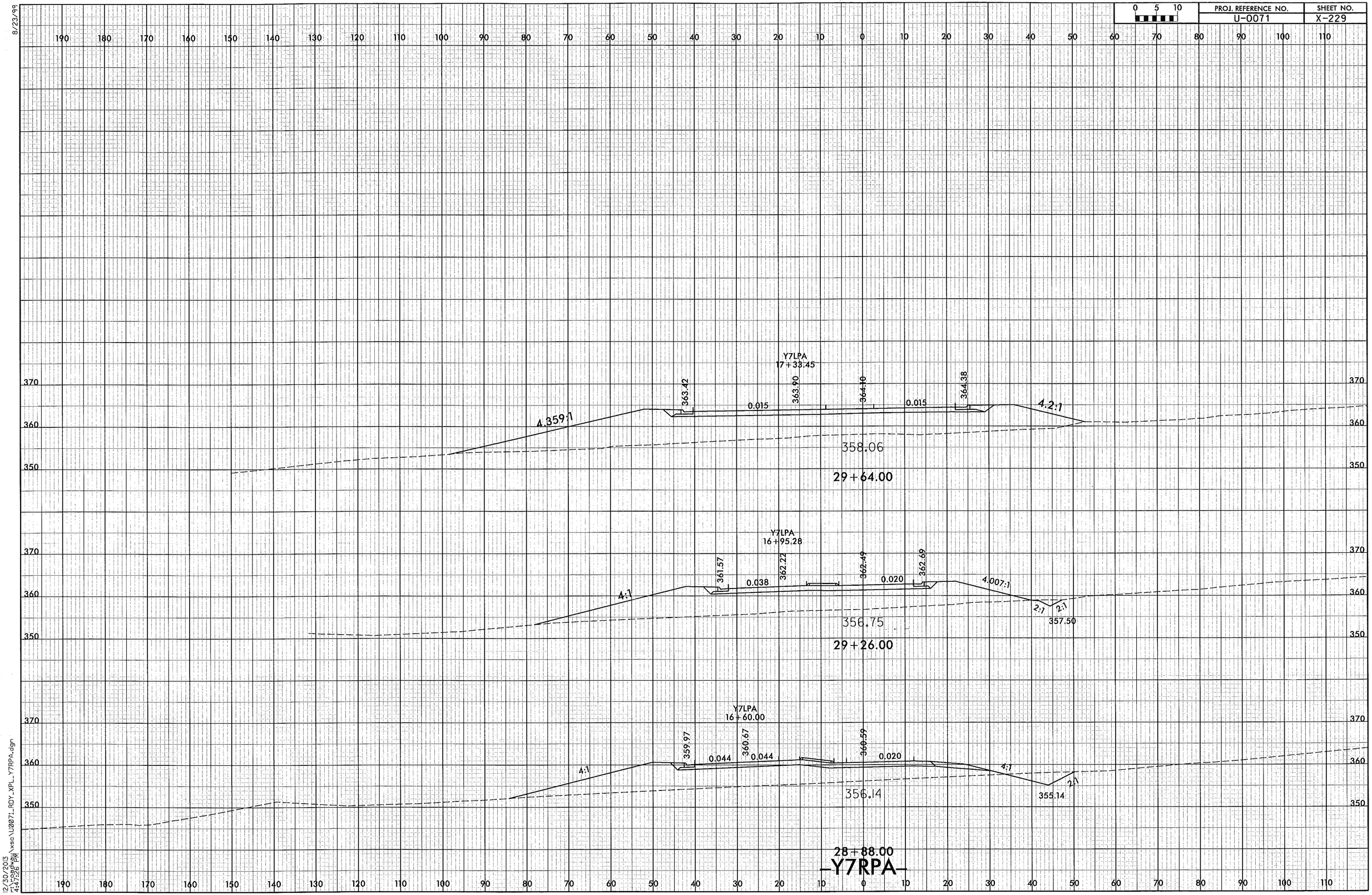
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-227
0 5 10
8/23/99
MATCH
2:1
337.93
Y7LPA
15+00.00
352.43
353.63
0.080
0.080
4:1
6:1
347.71
351.67
355.72
0.040
343.47
27+00.00
349.78
354.93
0.040
345.82
340.36
26+50.00
348.12
0.030
347.05
344.24
337.26
26+00.00
346.70
0.009
344.56
341.61
334.15
25+50.00
-Y7RPA-
12/30/2013
4:47:24 PM



8/23/99

12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y7RPA.dgn
4:47:25 PM

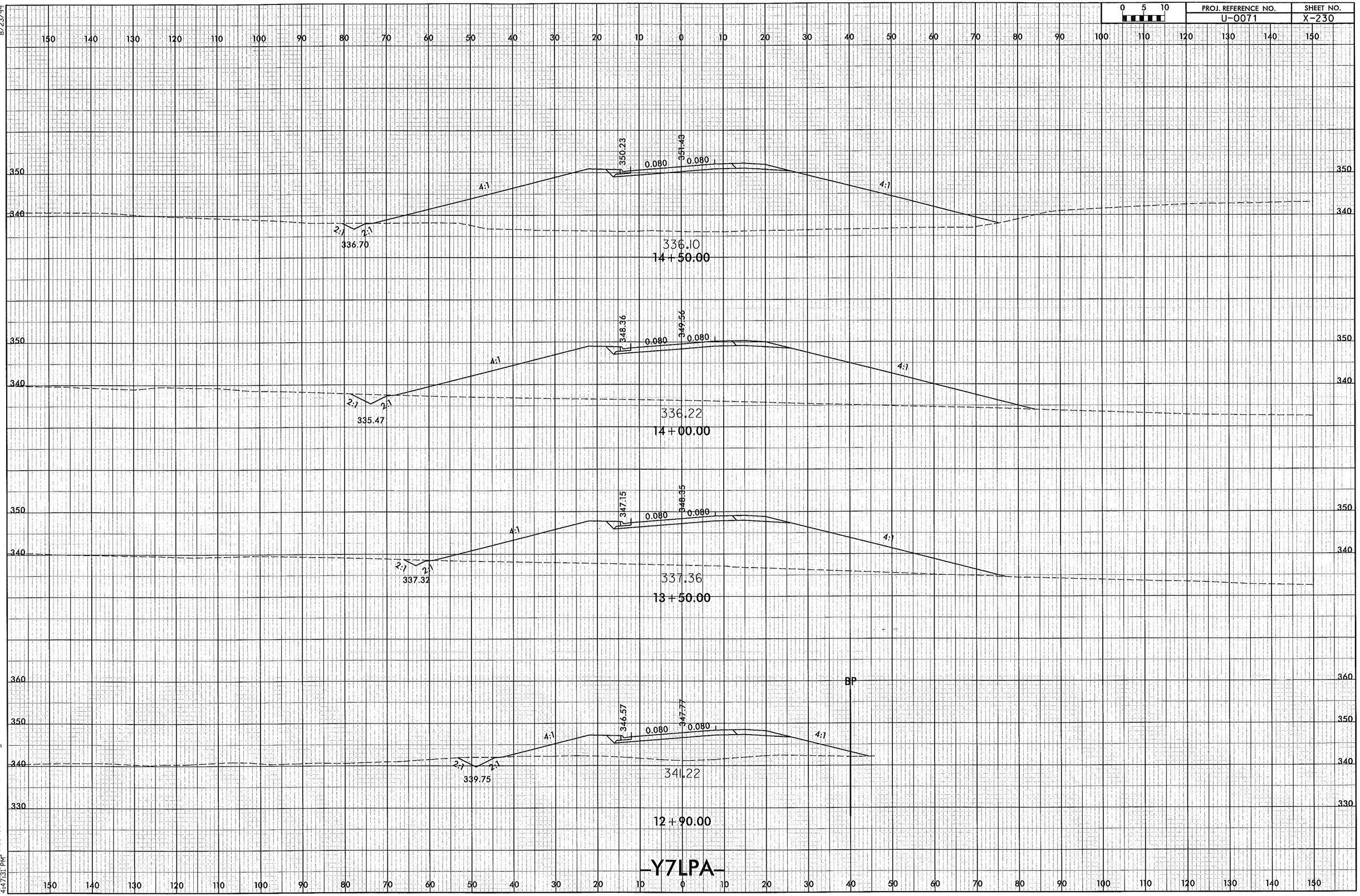
PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-229



8/23/99

12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y7RPA.dgn
4:47:26 PM

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-230

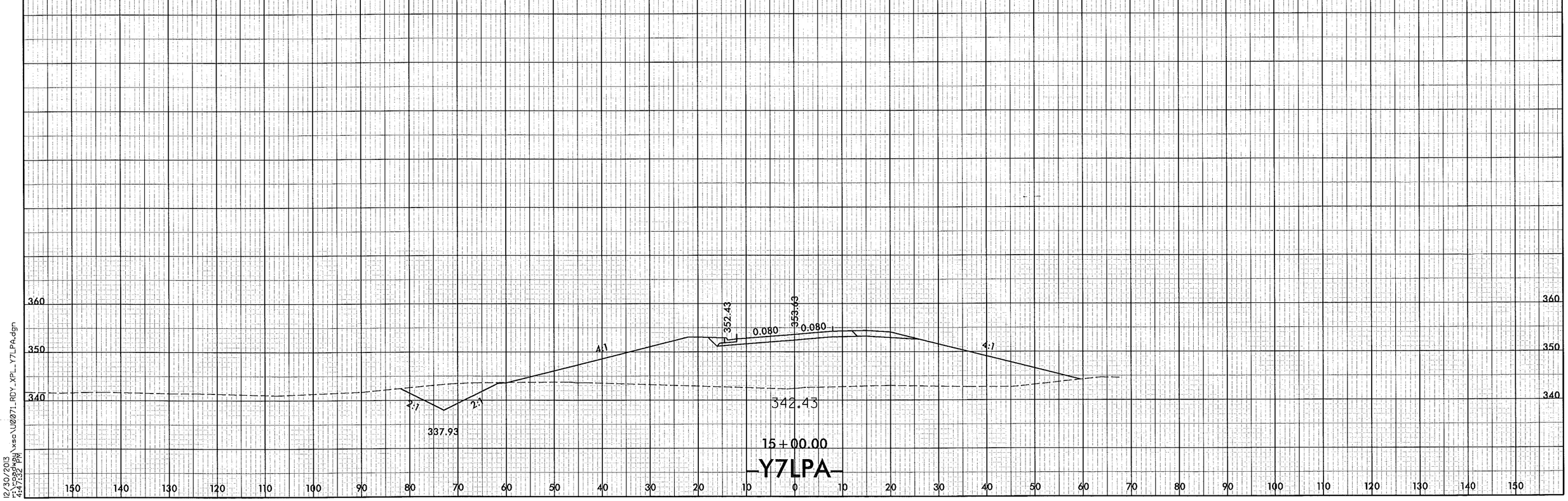


8/23/99

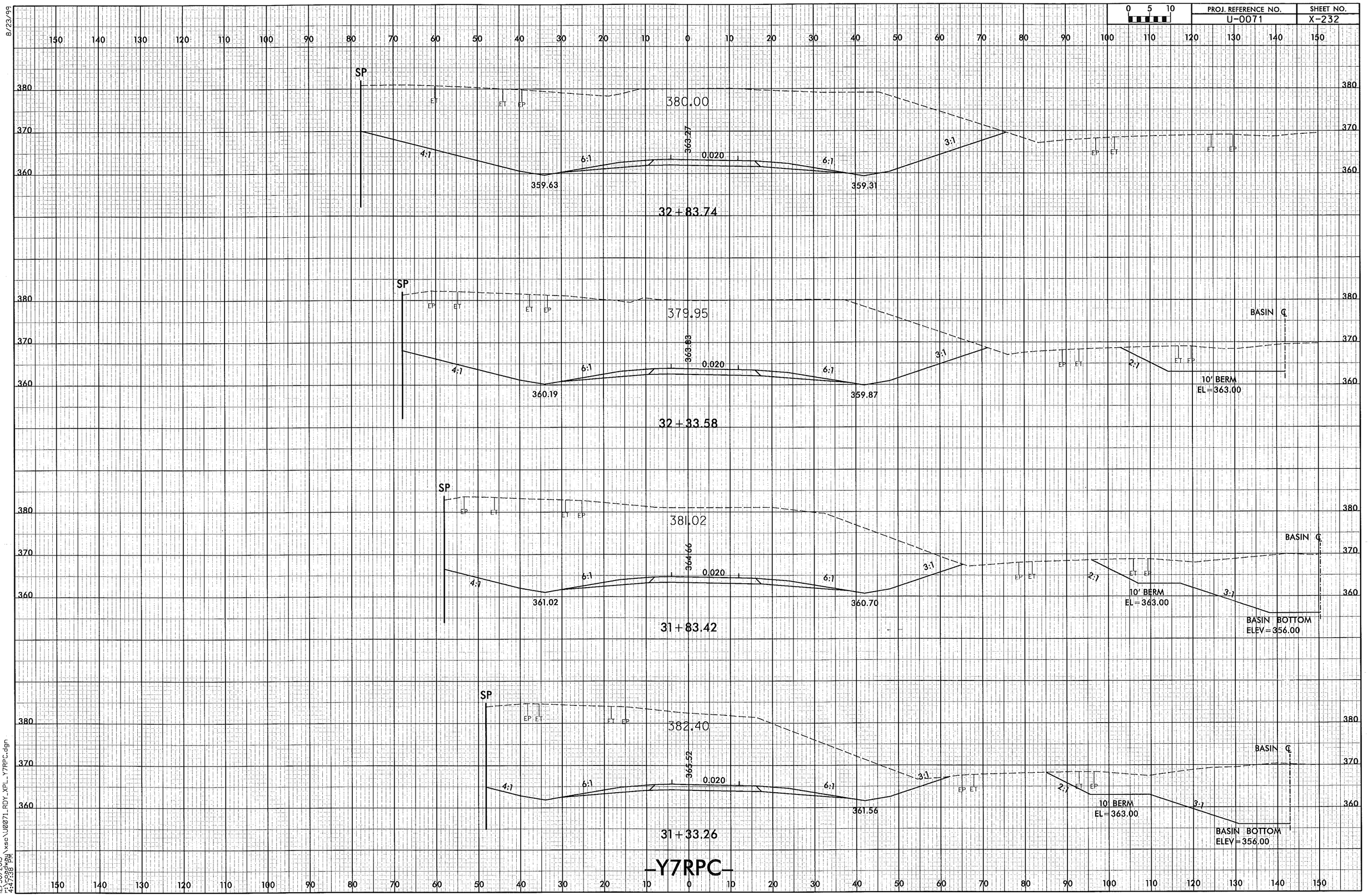
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y7LPA.dgn
4:47:31 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-231

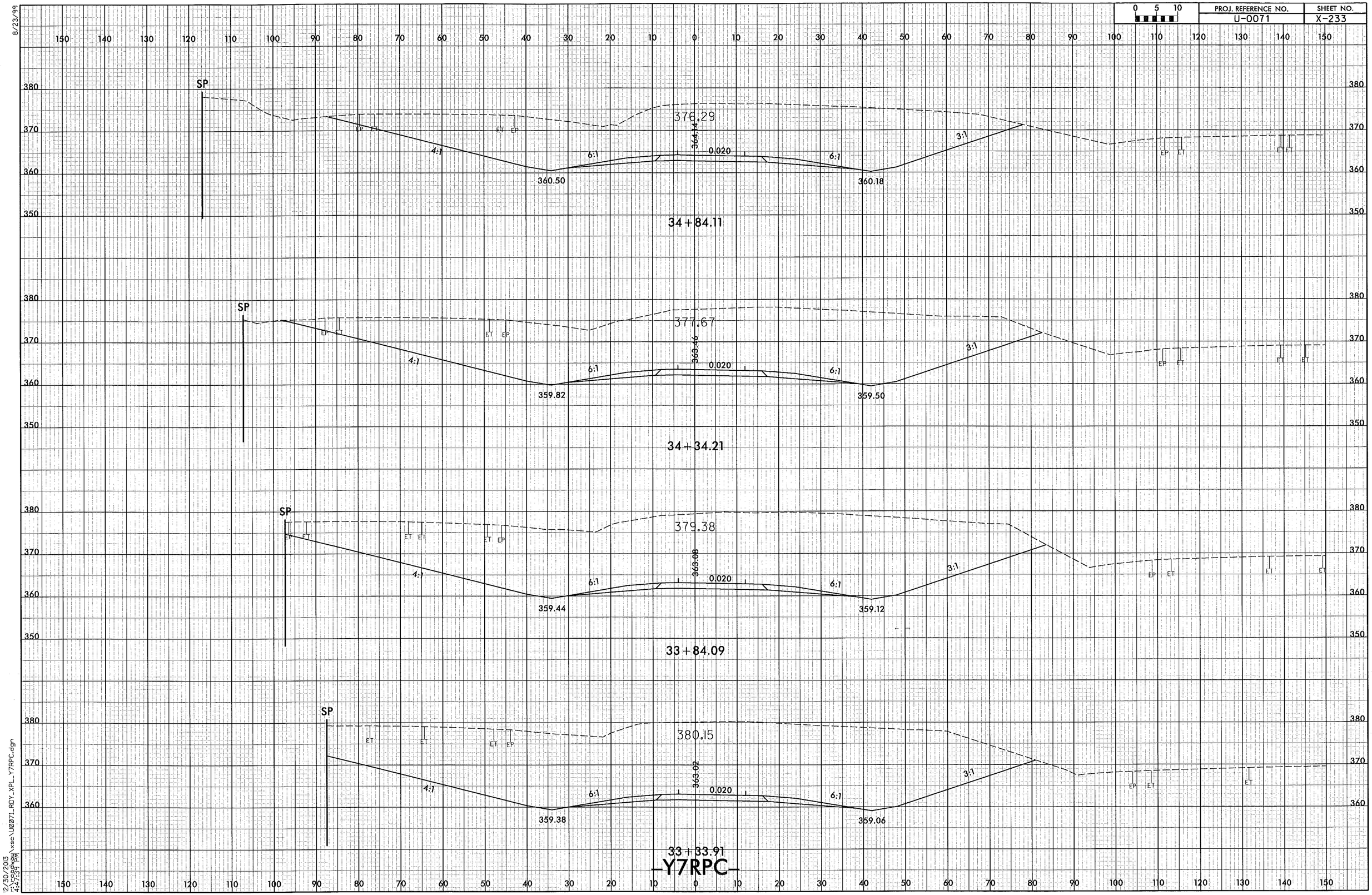


12/30/2013
4:17:32 PM
\\xsc\U0071_RDY_XPL_Y7LPA.dgn

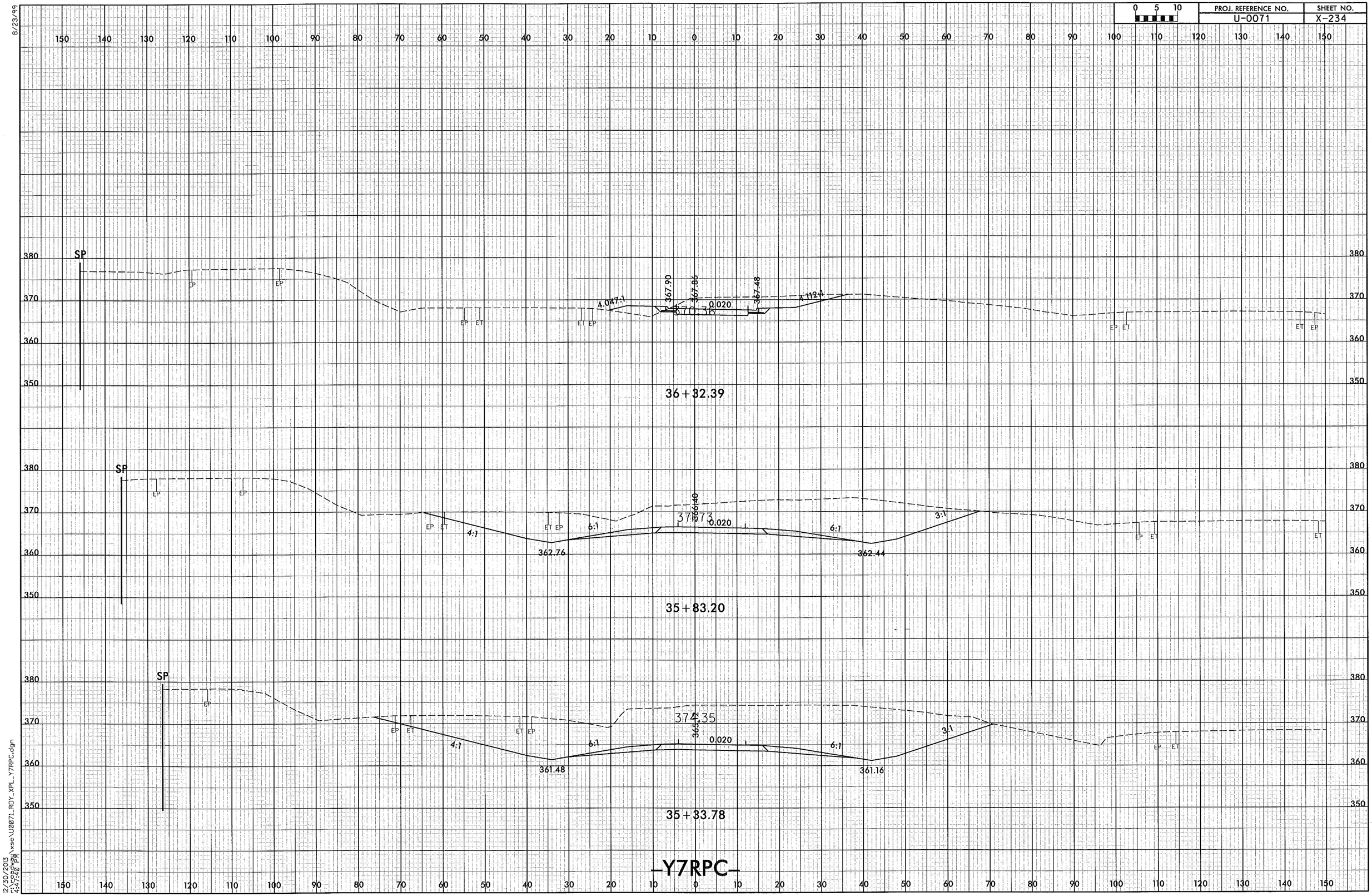


8/23/99

12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y7RPC.dgn
4:47:38 PM



0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-233
8/23/99
SP
376.29
364.14
0.020
4:1
6:1
3:1
360.50
360.18
34+84.11
377.67
363.46
359.82
359.50
34+34.21
379.38
363.08
359.44
359.12
33+84.09
380.15
363.02
359.38
359.06
33+33.91
-Y7RPC-
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y7RPC.dgn
4:47:39 PM

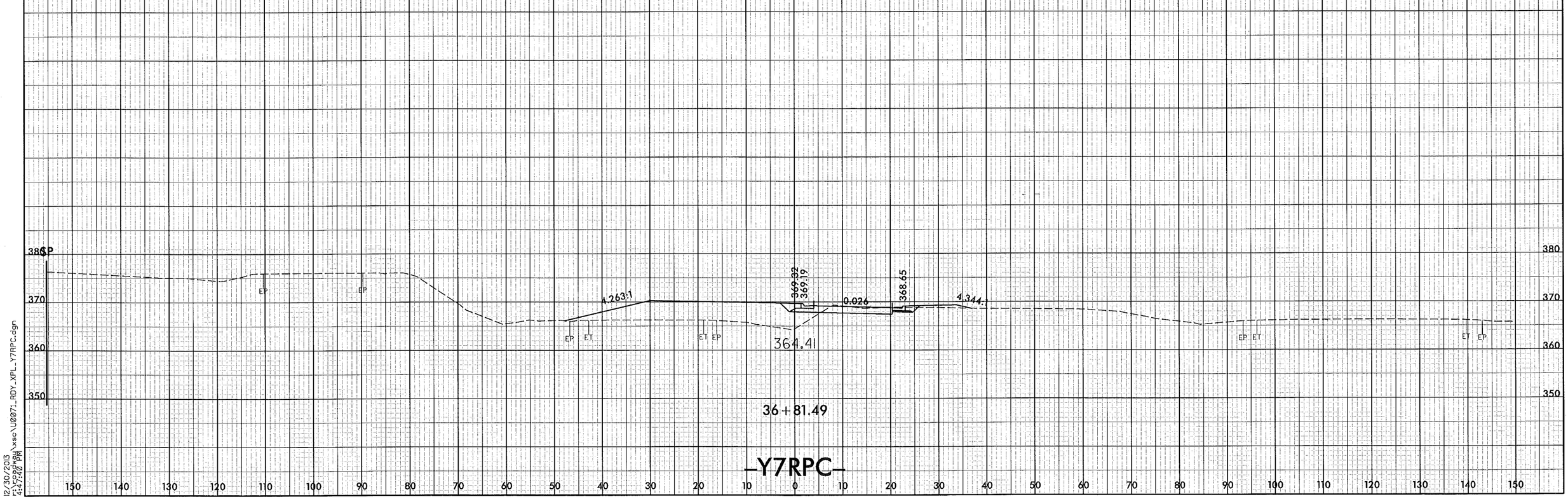


8/23/99

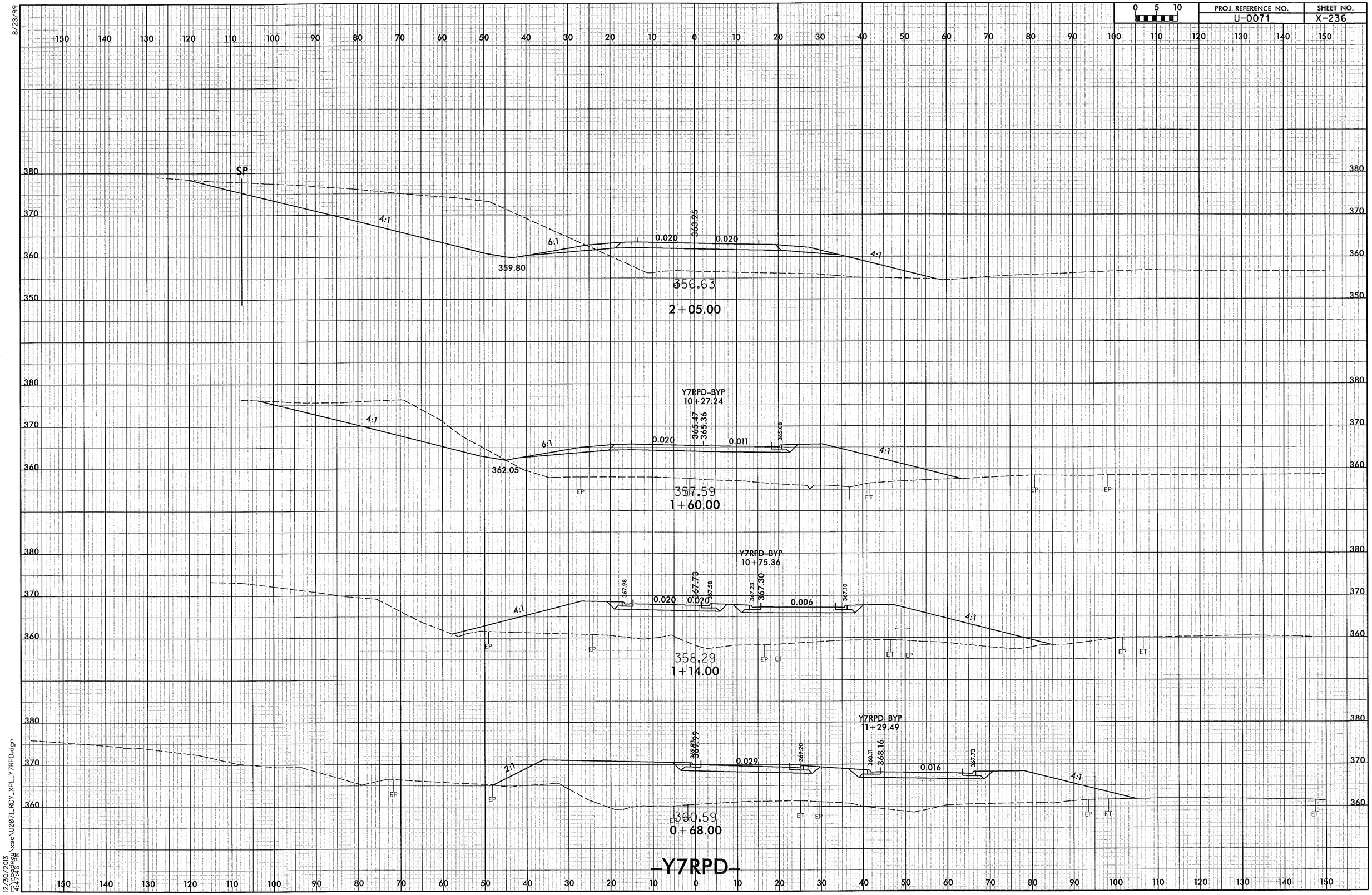
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y7RPC.dgn
4:47:40 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-235



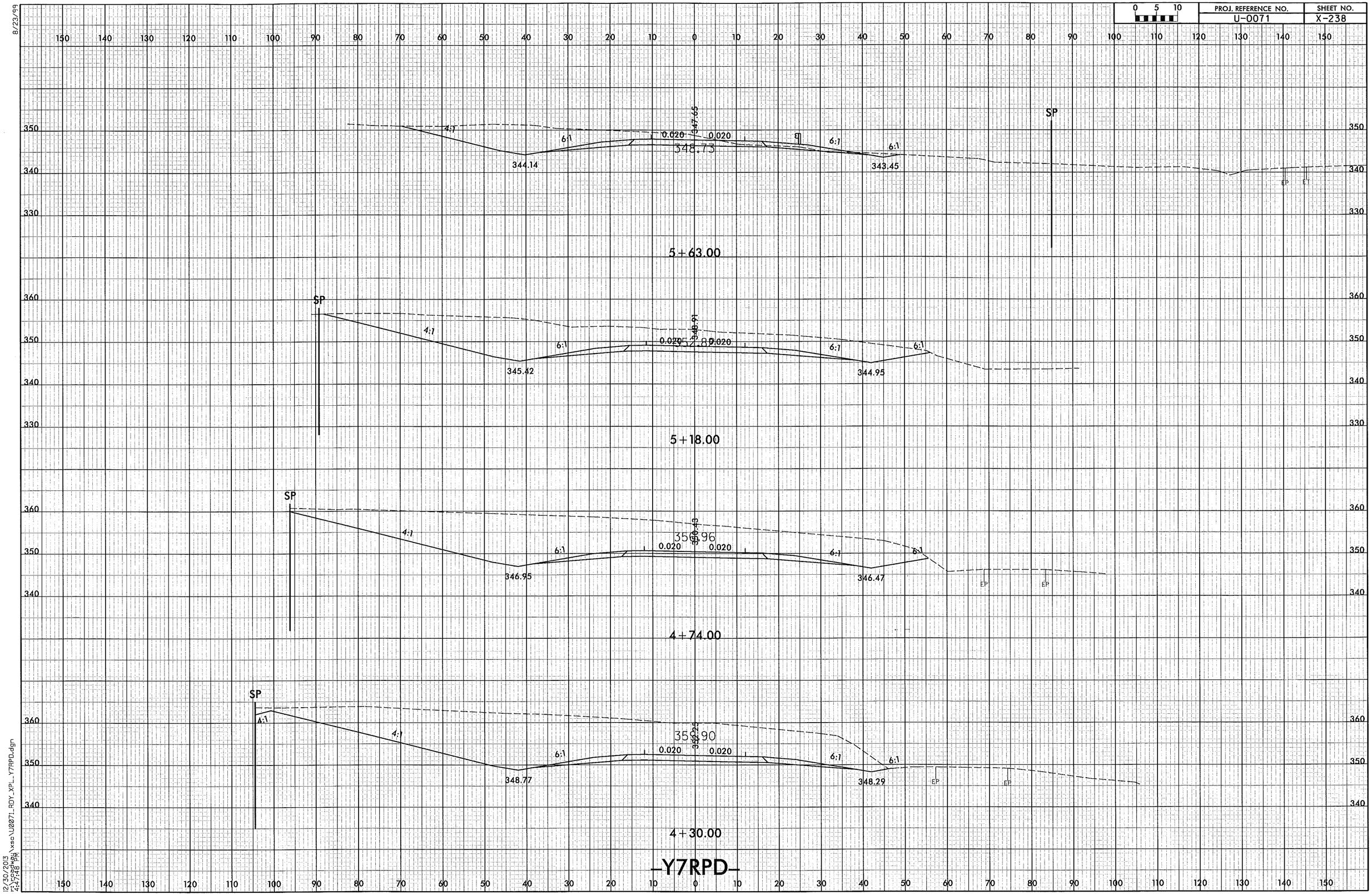
12/30/2013
4:47:02 PM
\\vsc\U0071_RDY_XPL_Y7RPC.dgn



8/23/99

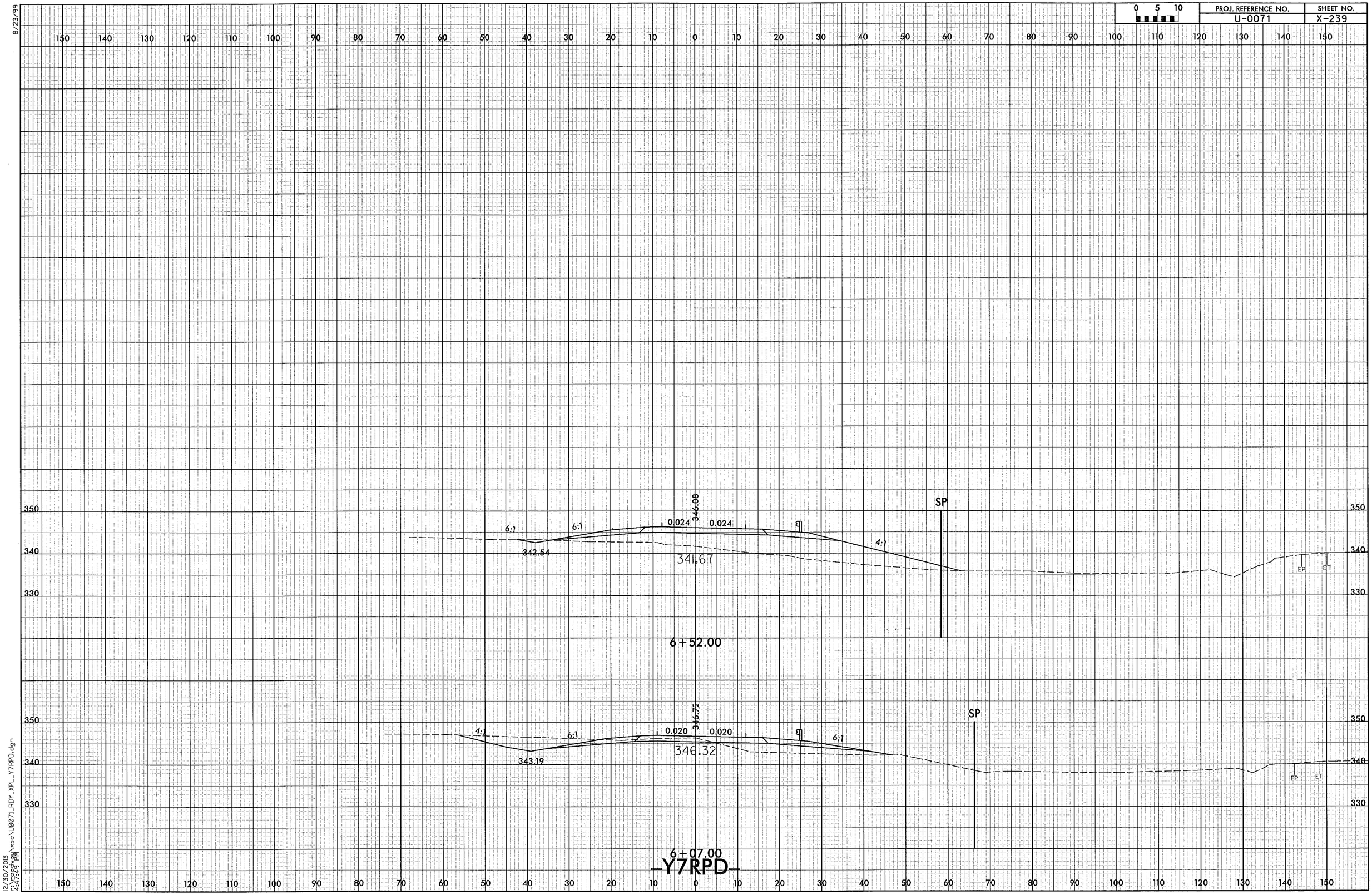
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y7RPD.dgn
4:47:46 PM

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-237

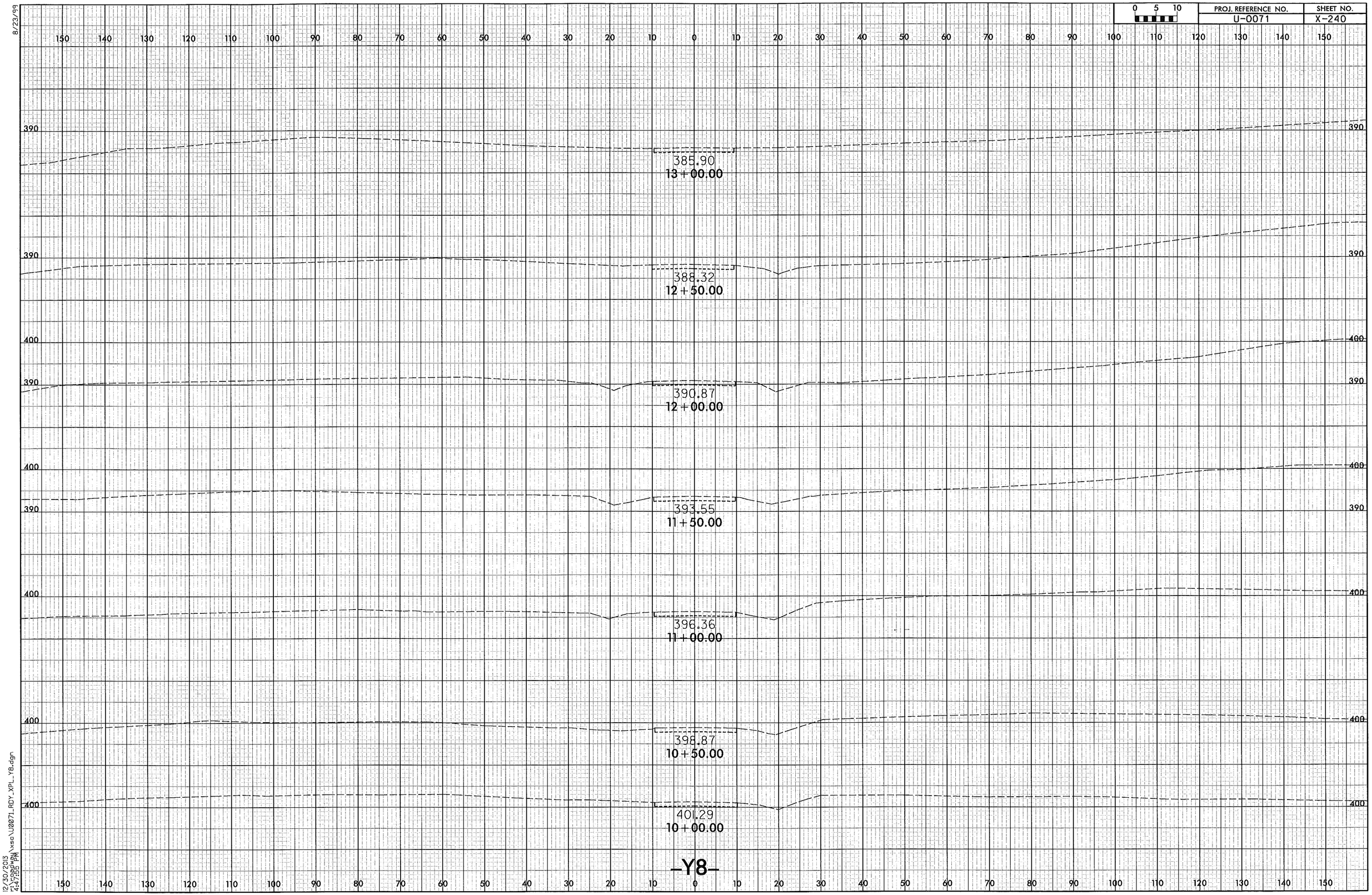


8/23/99

12/30/2013
r:\cadway\xsc\U0071_RDY_XPL_Y7RPD.dgn
4:47:48 PM

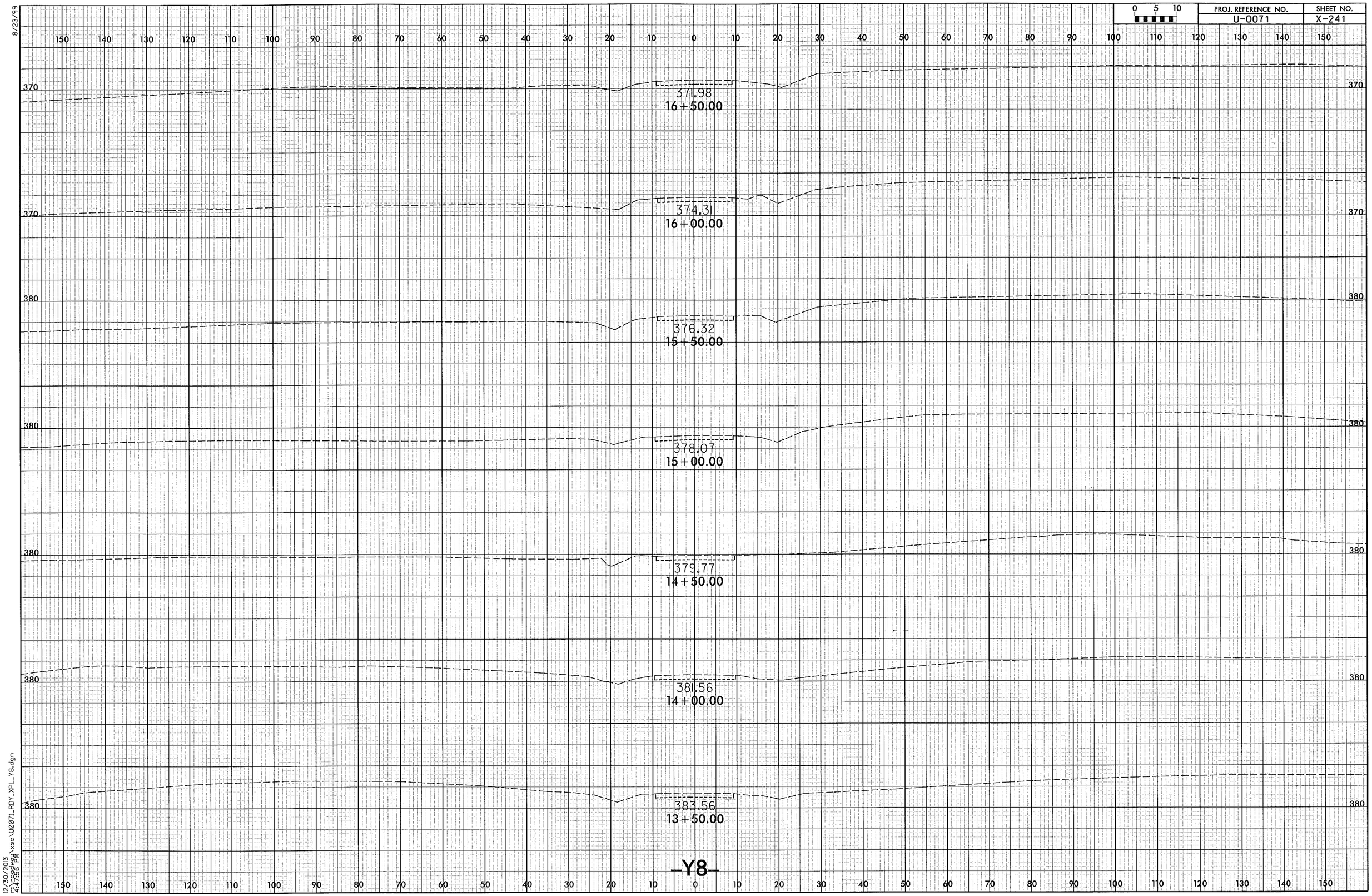


0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-239
8/23/99
6:1
6:1
0.024
346.08
0.024
4:1
342.54
341.67
SP
EP
ET
6+52.00
4:1
6:1
0.020
346.72
0.020
6:1
343.19
346.32
SP
EP
ET
6+07.00
-Y7RPD-
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y7RPD.dgn
4:47:49 PM



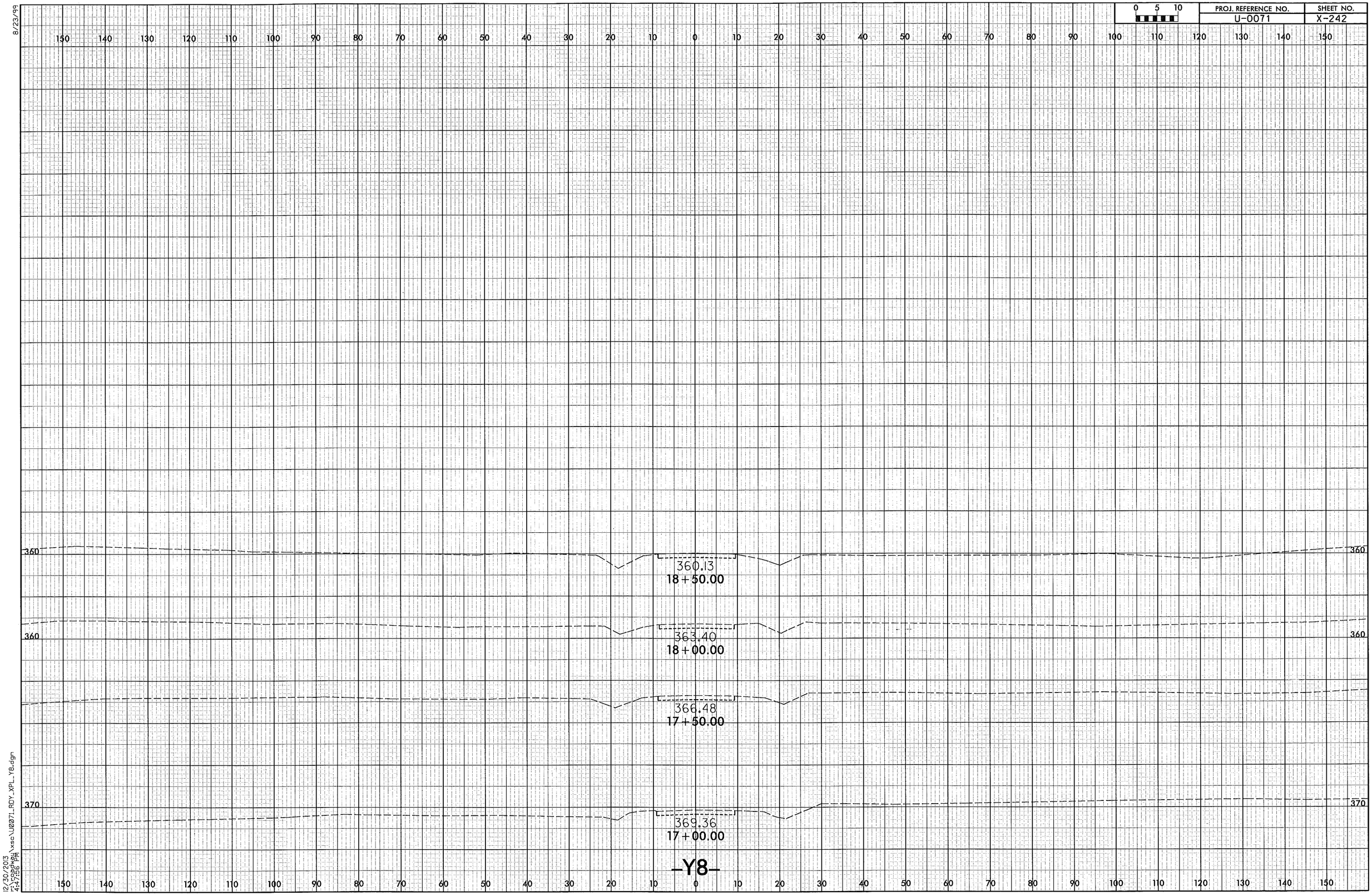
8/23/99

12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y8.dgn
4:47:55 PM

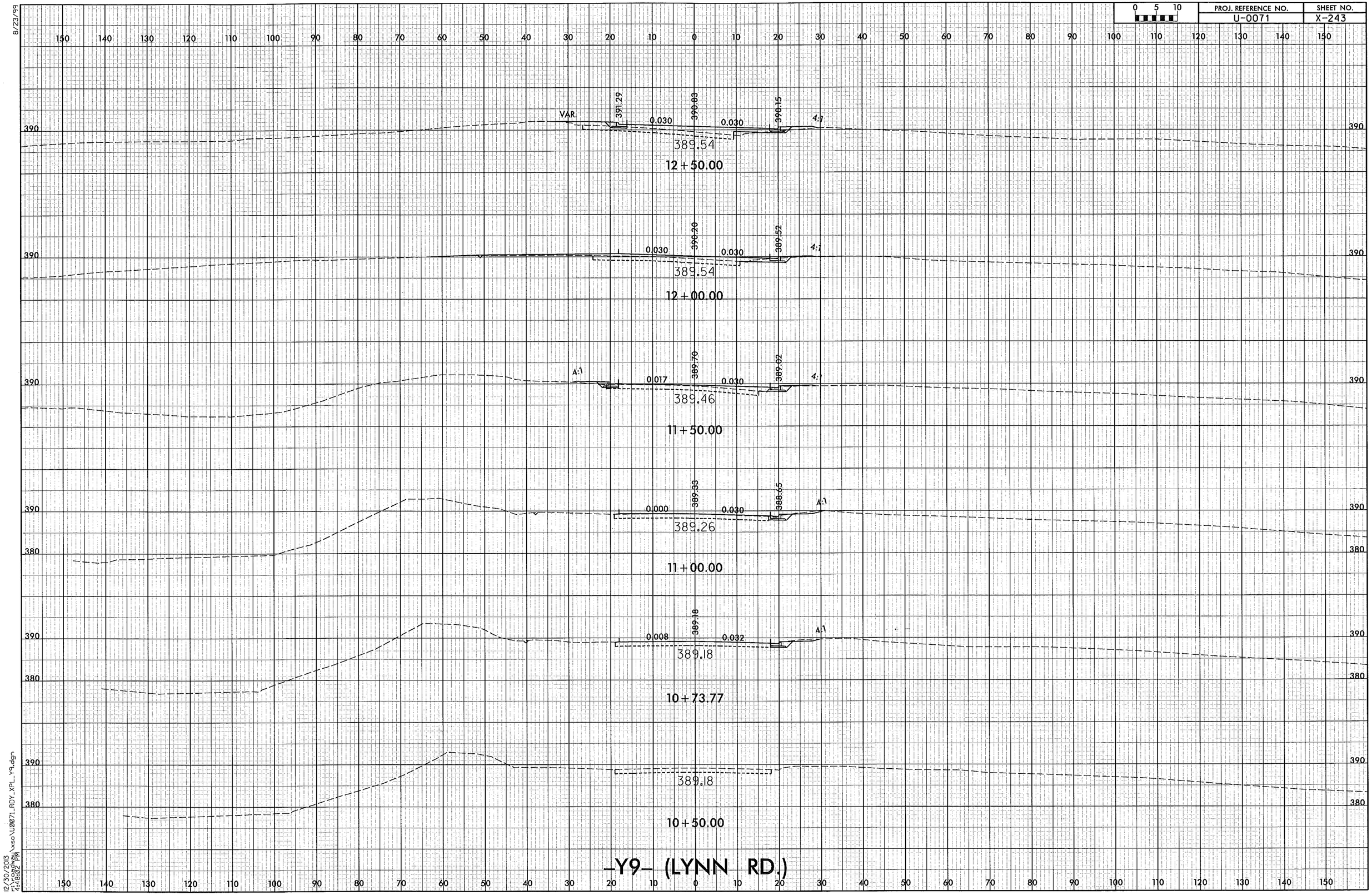


8/23/99

12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y8.dgn
4:47:56 PM



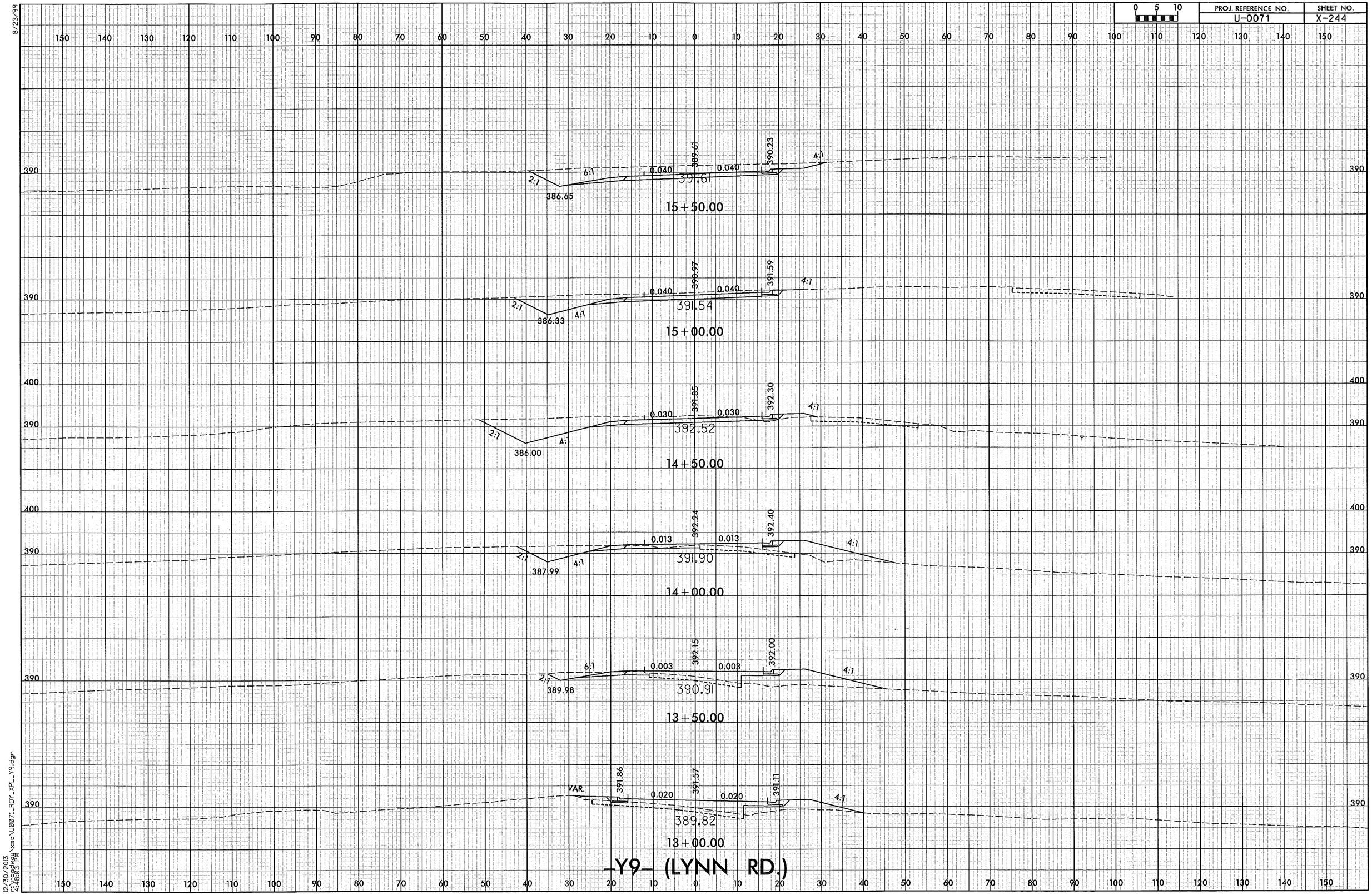
0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-242
8/23/99
360
360.13
18+50.00
363.40
18+00.00
366.48
17+50.00
370
369.36
17+00.00
-Y8-
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y8.dgn
4:17:56 PM



8/23/99

12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y9.dgn
4:48:02 PM

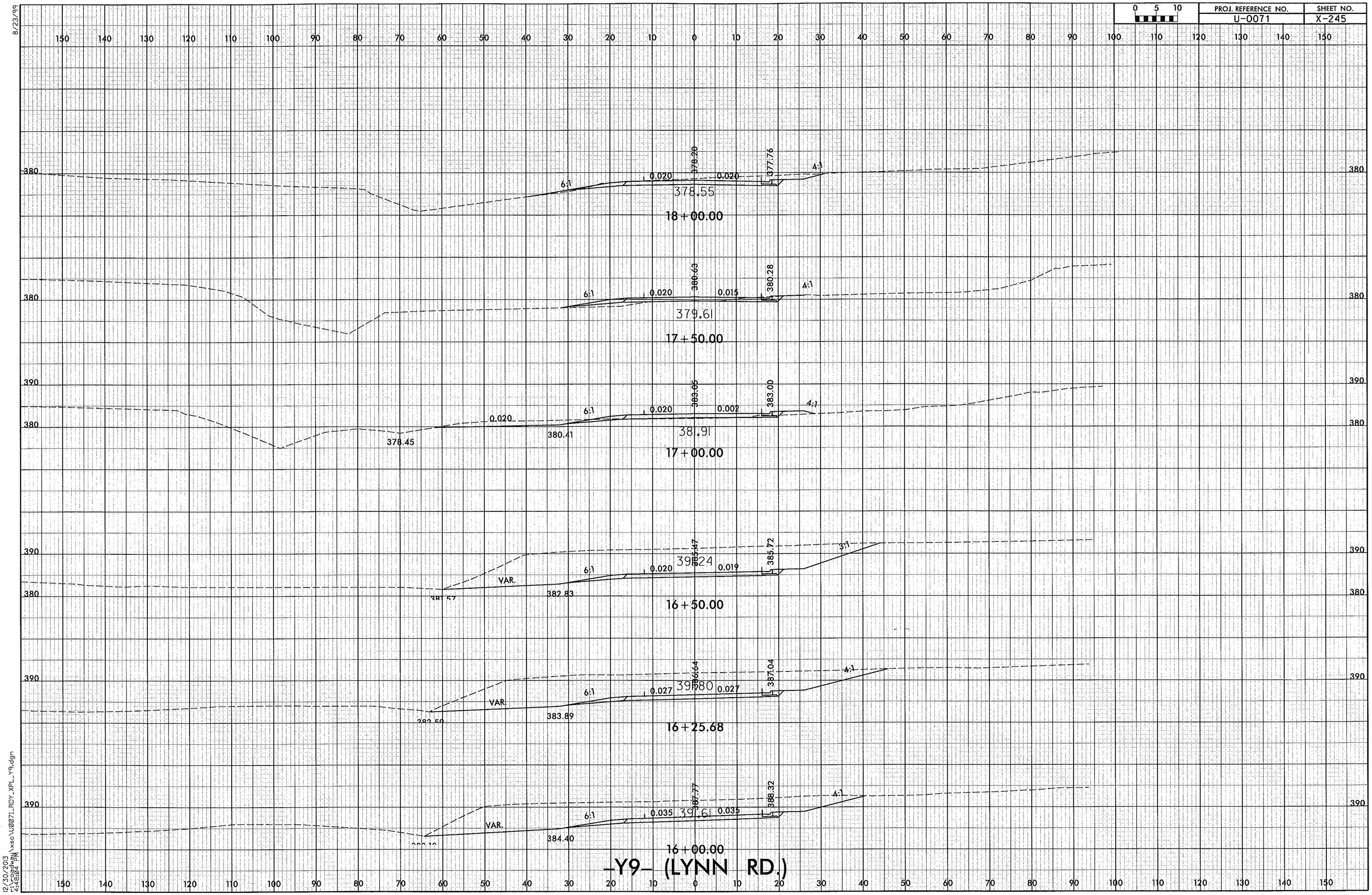
PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-244



-Y9- (LYNN RD.)

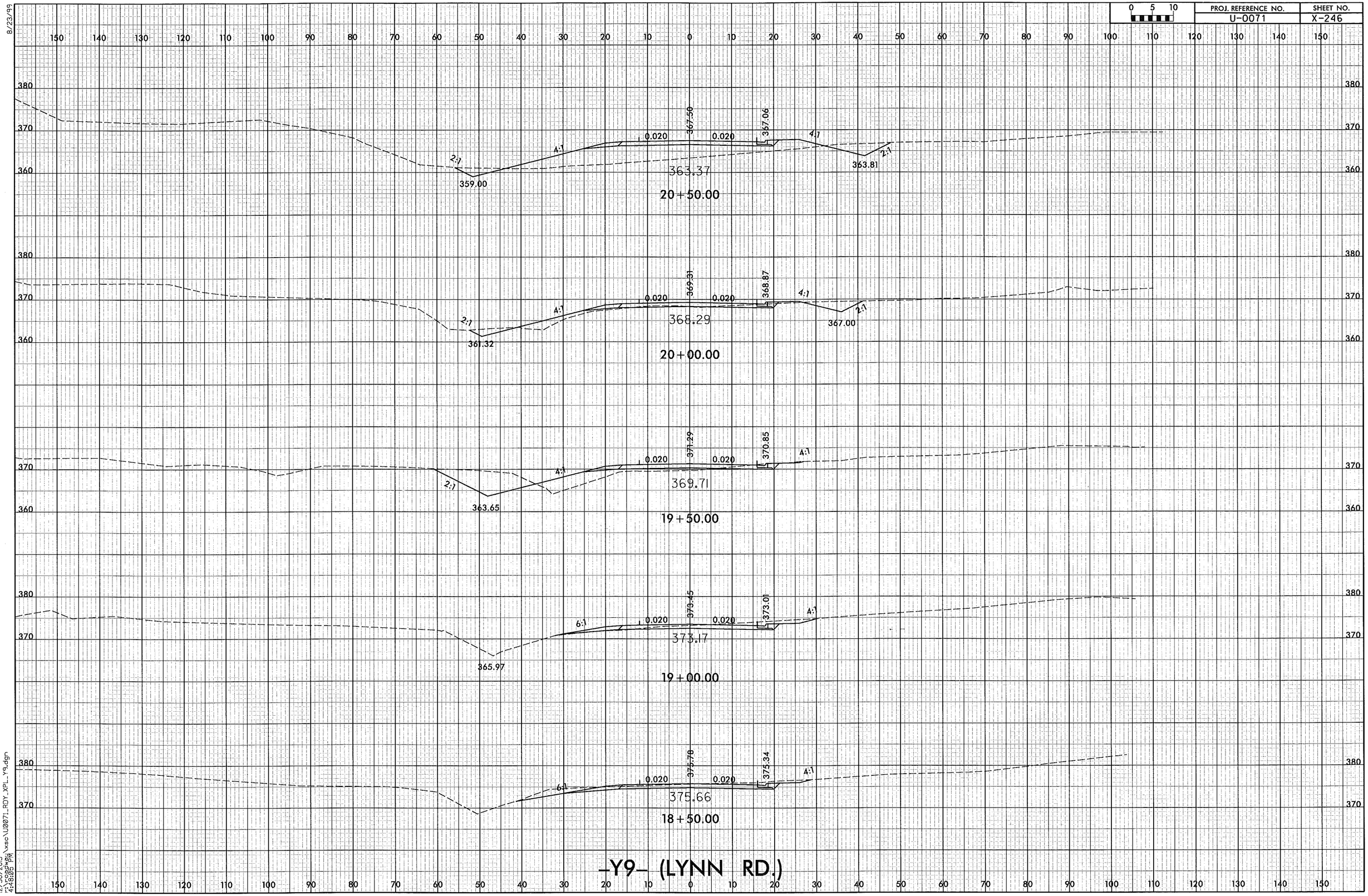
8/23/99

12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y9.dgn
4:48:03 PM



PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-245
0 5 10
8/23/99
378.55
18+00.00
379.61
17+50.00
381.91
17+00.00
16+50.00
16+25.68
16+00.00
-Y9- (LYNN RD.)
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y9.dgn
4:48:04 PM

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-246



-Y9- (LYNN RD.)

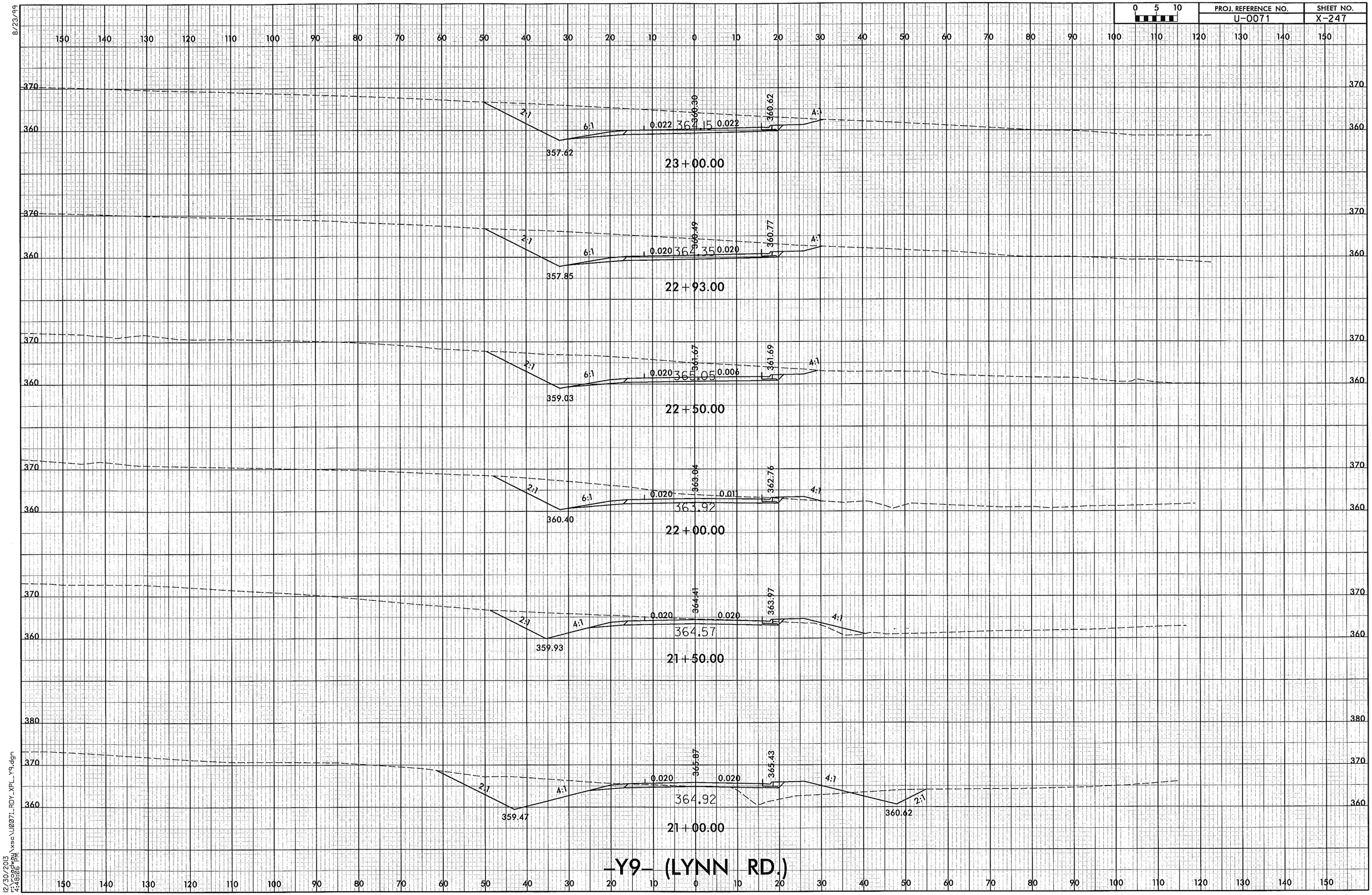
8/23/99

12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y9.dgn
4:48:05 PM

8/23/99

0 5 10

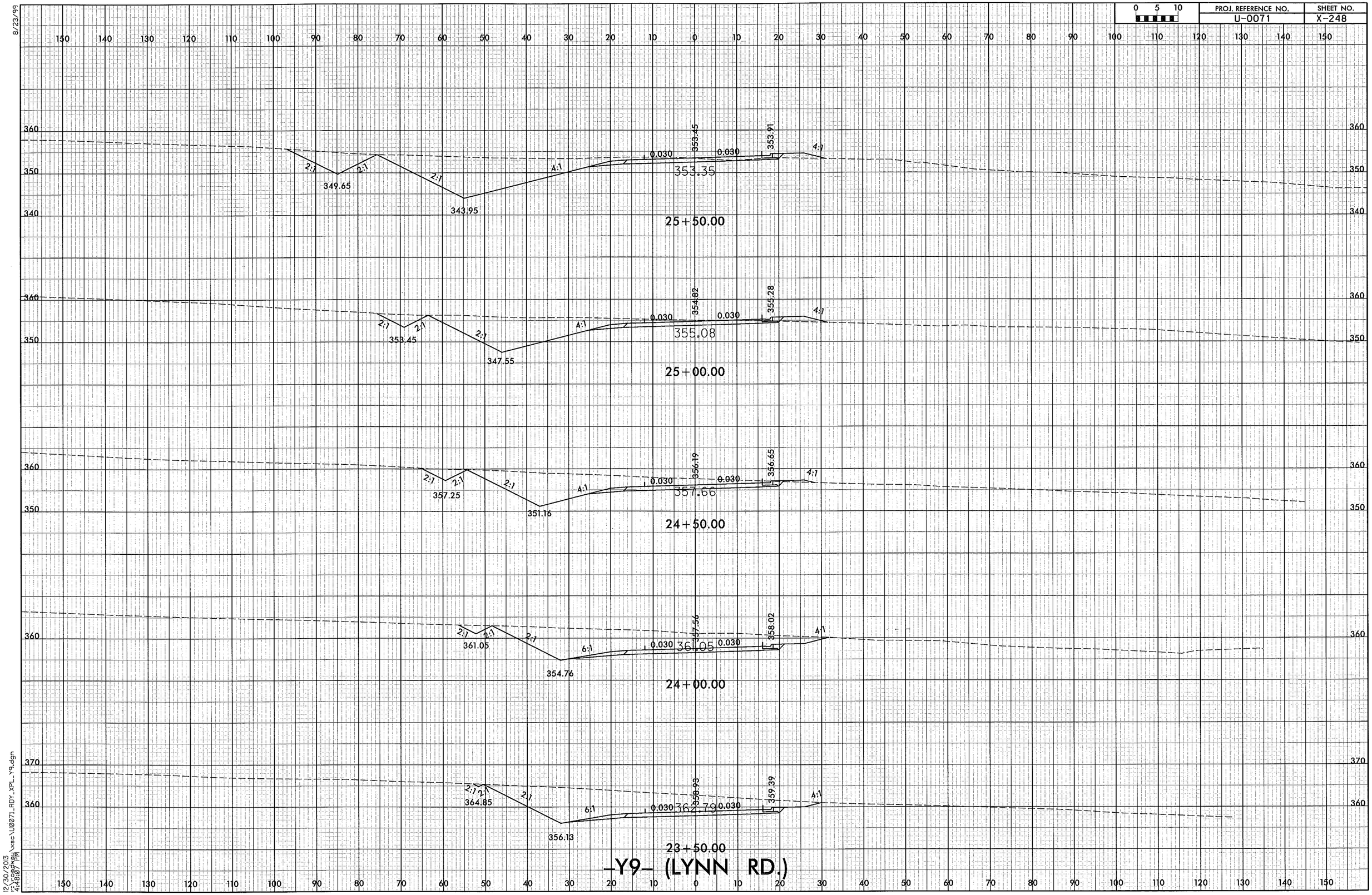
PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-247



–Y9– (LYNN RD.)

12/30/2013
I:\roadway\xsec\U0071_RDY_XPL_Y9.dgn
14:48:26 PM

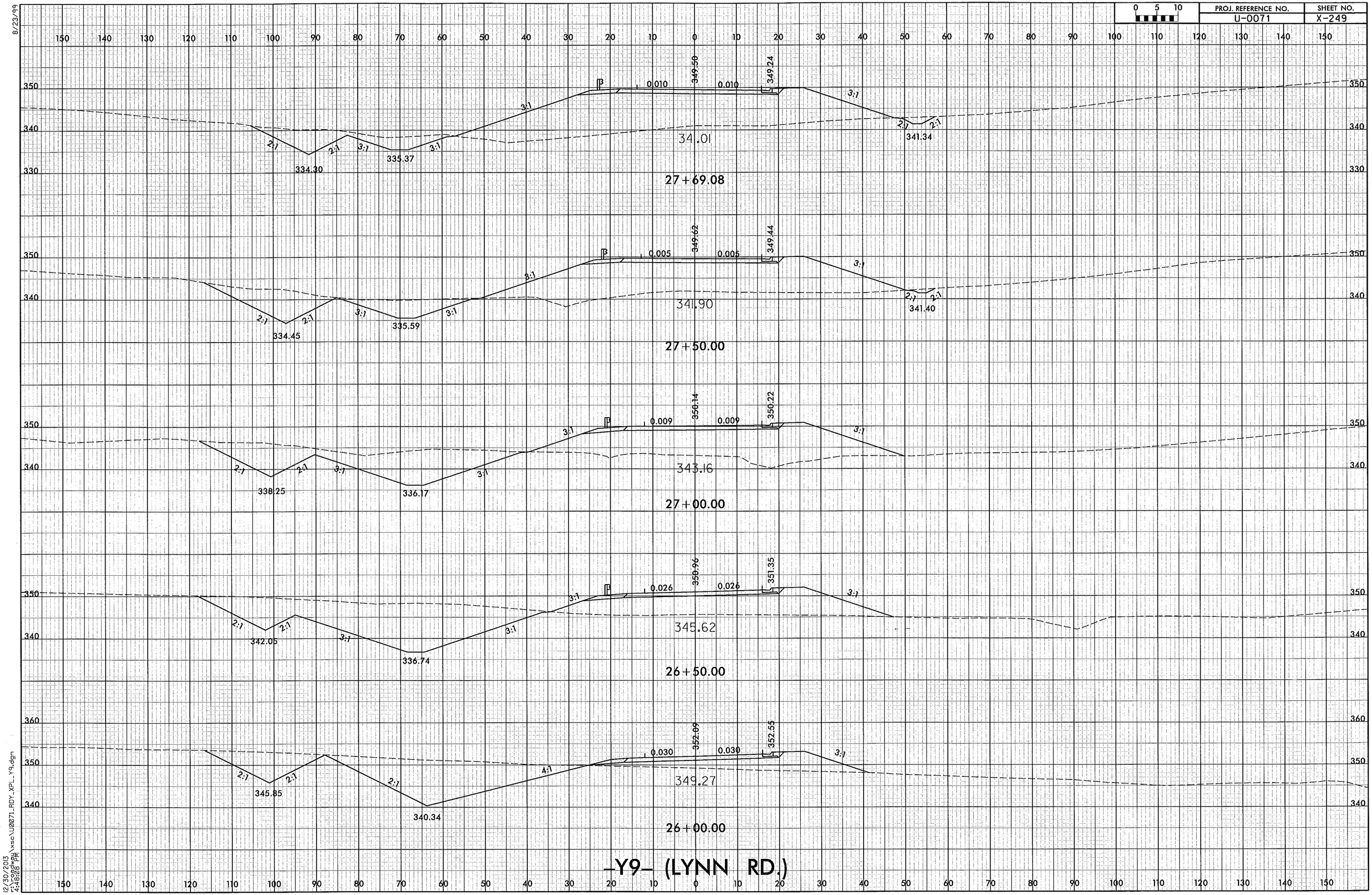
PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-248



-Y9- (LYNN RD.)

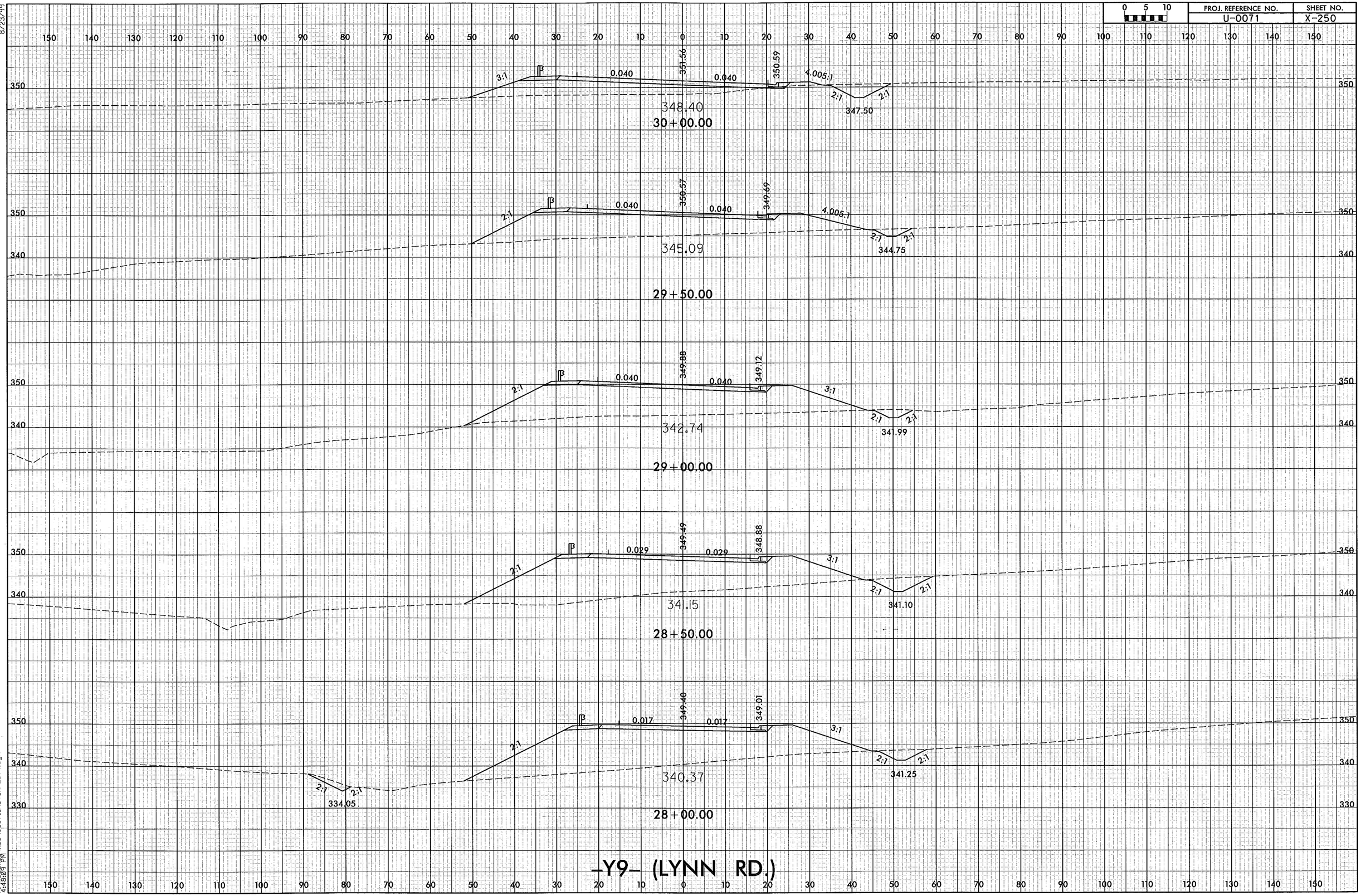
8/23/99

12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y9.dgn
4:48:07 PM

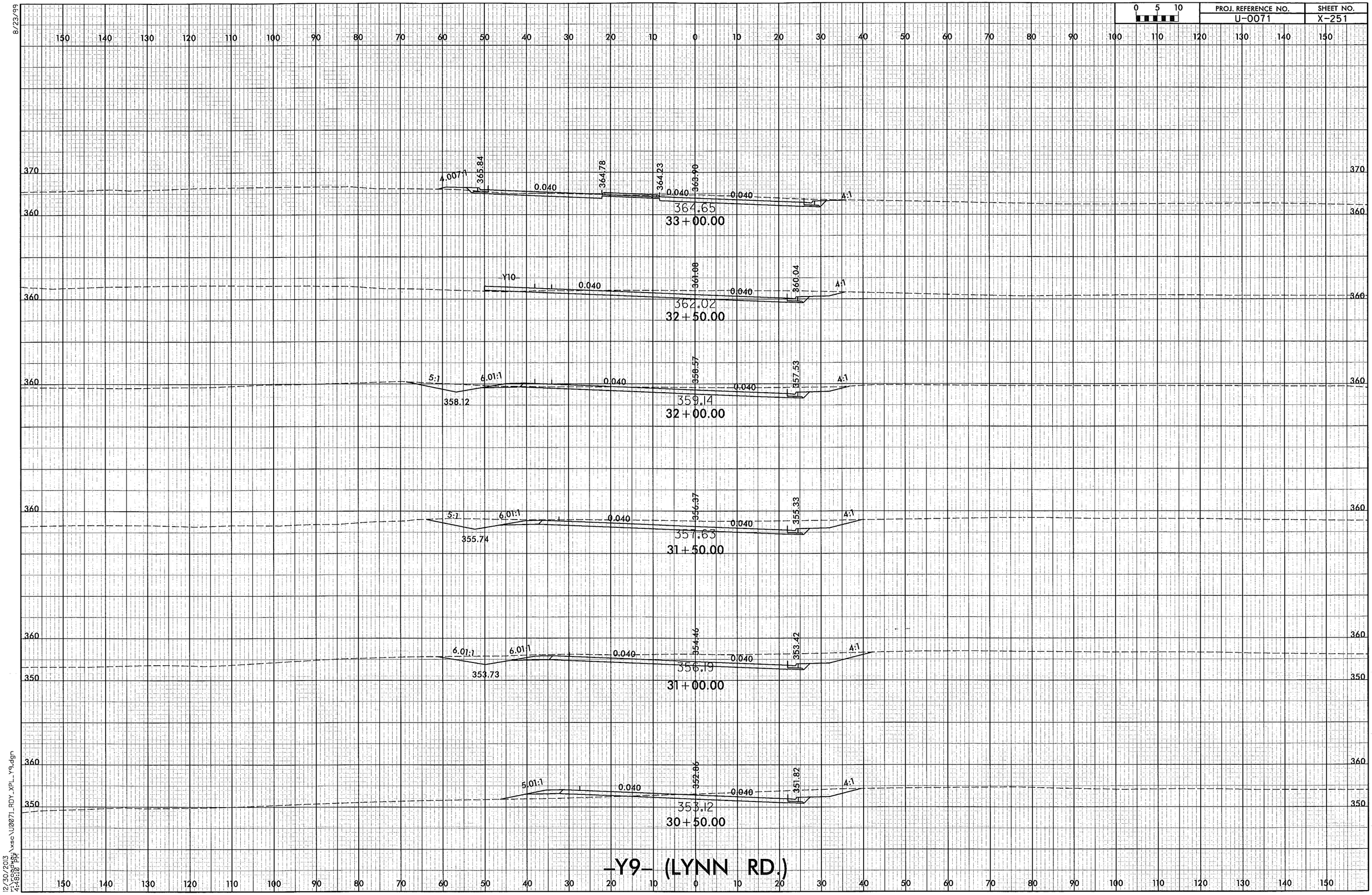


8/23/99

12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y9.dgn
4:48:08 PM



PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-250
0 5 10
8/23/99
3:1
0.040
351.56
0.040
350.59
4.005:1
2:1
2:1
347.50
348.40
30+00.00
2:1
0.040
350.57
0.040
349.69
4.005:1
2:1
2:1
344.75
345.09
29+50.00
2:1
0.040
349.88
0.040
349.12
3:1
2:1
2:1
341.99
342.74
29+00.00
2:1
0.029
349.49
0.029
348.88
3:1
2:1
2:1
341.10
34.15
28+50.00
2:1
2:1
334.05
2:1
0.017
349.40
0.017
349.01
3:1
2:1
2:1
341.25
340.37
28+00.00
-Y9- (LYNN RD.)
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y9.dgn
4:48:09 PM

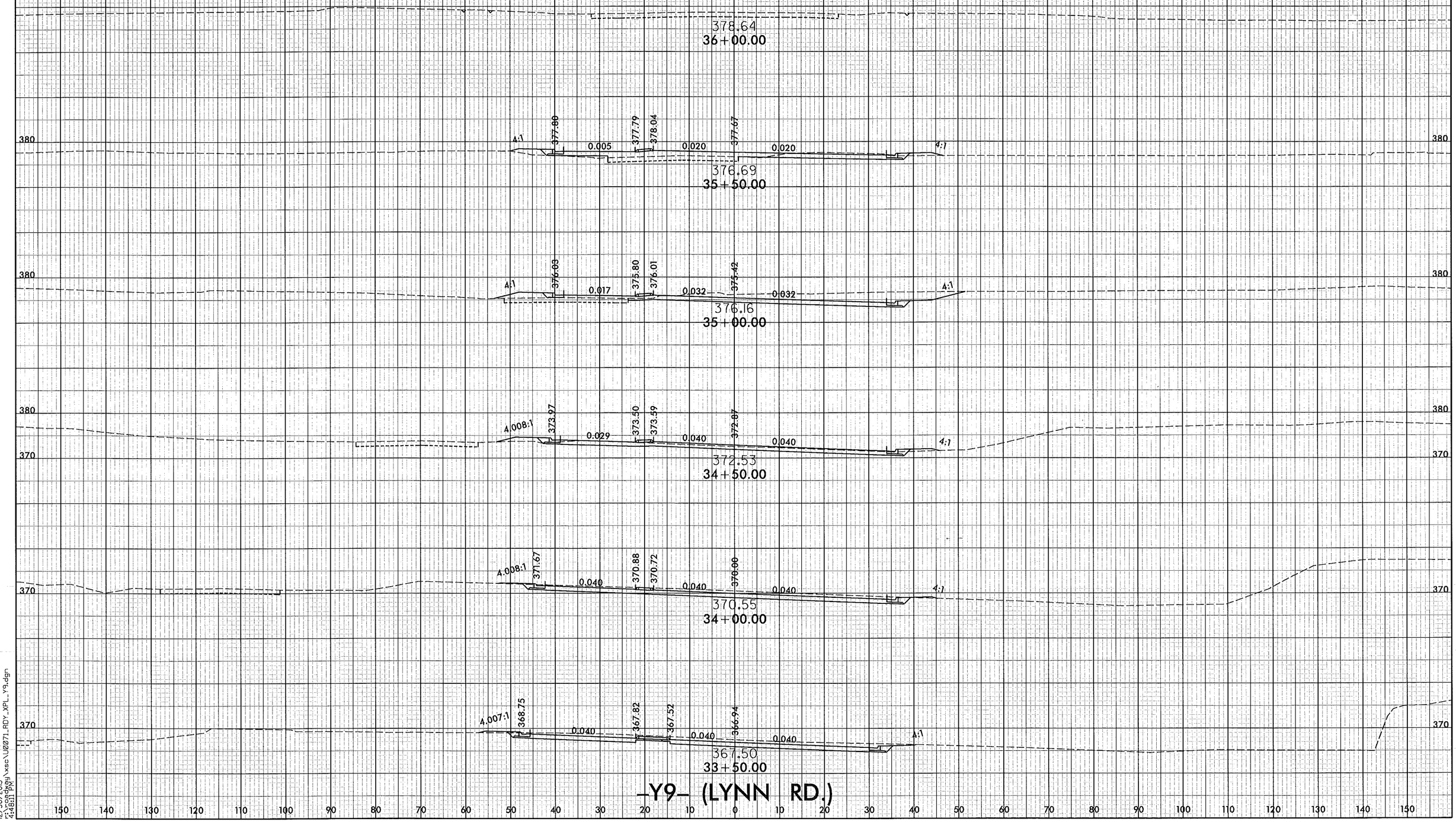


PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-251
0 5 10
8/23/99
4.007:1
365.84
0.040
364.78
364.23
363.90
0.040
0.040
4:1
364.65
33+00.00
Y10
0.040
361.08
0.040
360.04
4:1
362.02
32+50.00
5:1
6.01:1
0.040
358.57
0.040
357.53
4:1
358.12
359.14
32+00.00
5:1
6.01:1
0.040
356.37
0.040
355.33
4:1
355.74
357.63
31+50.00
6.01:1
6.01:1
0.040
354.46
0.040
353.42
4:1
353.73
356.19
31+00.00
5.01:1
0.040
352.86
0.040
351.82
4:1
353.12
30+50.00
-Y9- (LYNN RD.)
12/30/2013
4:48:10 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-252

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



-Y9- (LYNN RD.)

12/30/2013
4:45:11 PM
J:\roadway\xsc\U0071_RDY_XPL_Y9.dgn

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-253

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

380

380.06
36+50.00

-Y9- (LYNN RD.)

380

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

12/30/2013
c:\cadd\dgn\xsc\U0071_RDY_XPL_Y9.dgn
4:48:12 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-254

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

390
380

4.005:1 0.020 384.37 0.020 4:1 4:1
384.25
381.41
EP EP
39+00.00

390
380

4.005:1 0.020 383.35 0.020 4:1 4:1
383.22
380.41
EP EP
38+50.00

390
380

4.005:1 0.017 382.34 0.020 4:1 4:1
382.00
379.39
EP EP
38+00.00

380

4.005:1 0.005 381.33 0.020 4:1 4:1
381.04
378.15
EP EP
37+50.00

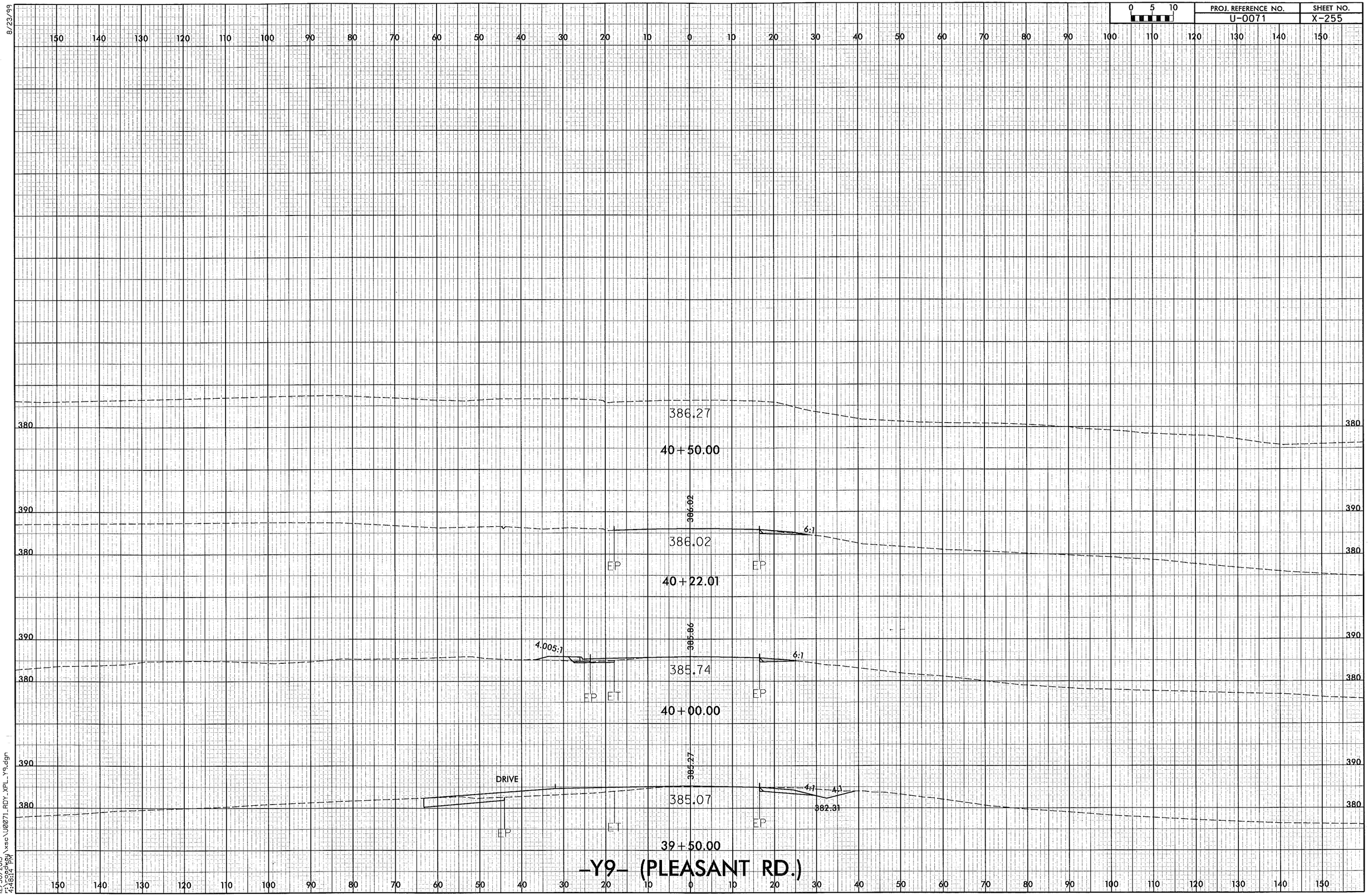
380
370

2.19:1 4:1 0.008 380.32 0.007
380.09
EP
37+00.00

–Y9– (PLEASANT RD.)

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

12/30/2013
4:48:13 PM
c:\projects\xsc\U0071_RDY_XPL_Y9.dgn

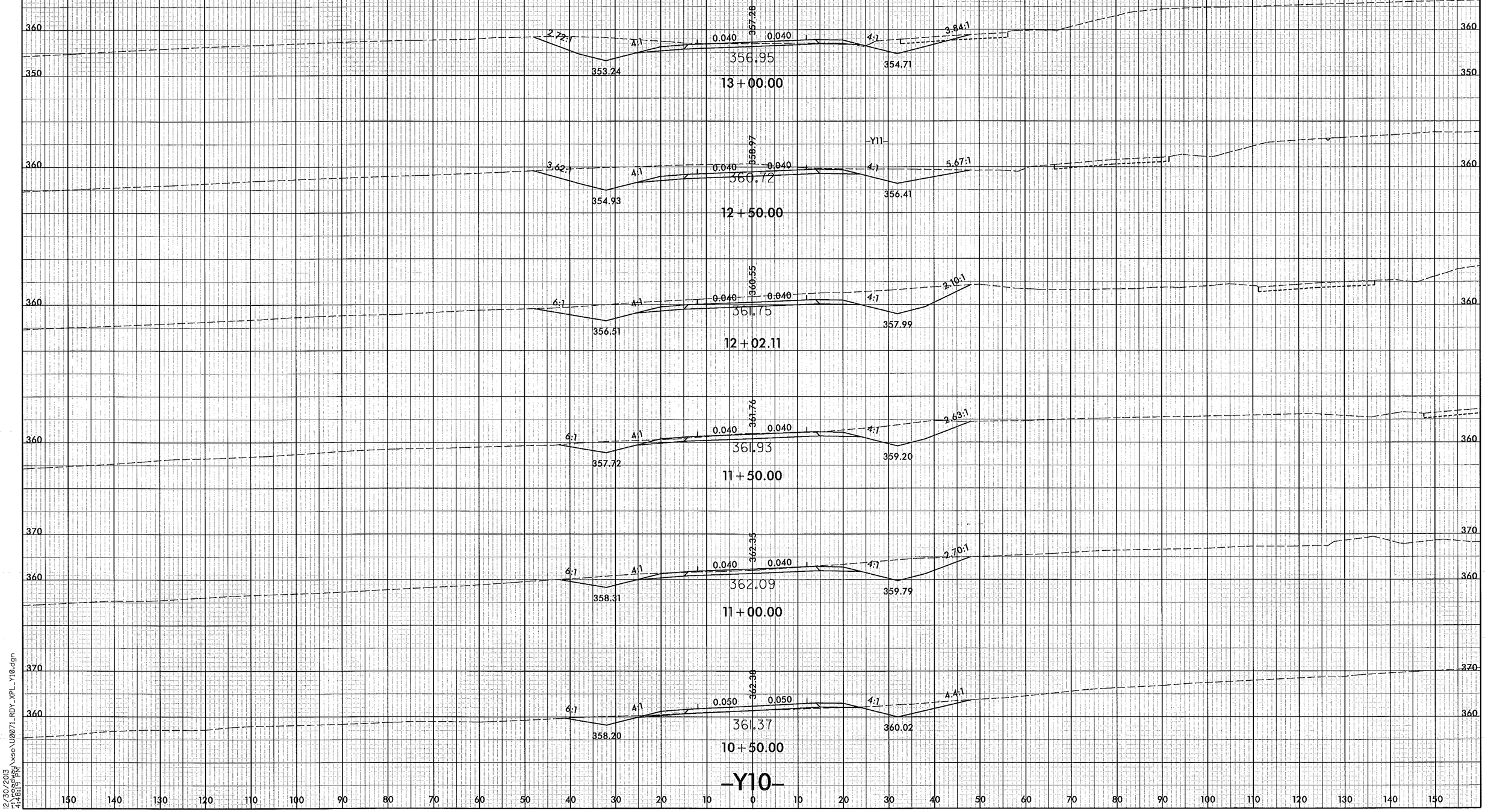


0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-255
8/23/99
386.27
40+50.00
386.02
6:1
EP
40+22.01
385.86
4.005:1
385.74
ET
40+00.00
385.27
DRIVE
4:1
385.07
382.31
39+50.00
-Y9- (PLEASANT RD.)
12/30/2013
4:48:14 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-256

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



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

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c:\roadway\xsc\U0071_RDY_XPL_Y10.dgn

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-257

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

340 340

344.01

16+43.98

350 350

345.77

4.23:1 4:1 0.030 0.010 4:1 4.21:1

343.5 343.8

345.51

16+02.03

350 350

347.97

5.21:1 4:1 0.020 0.005 4:1 4.95:1

344.21 344.71

347.53

15+50.00

350 350

350.04

5.42:1 4:1 0.020 0.019 4:1 3.76:1

346.28 347.07

349.65

15+00.00

350 350

351.61

5.10:1 4:1 0.026 0.030 4:1 2.87:1

347.77 348.86

351.32

14+60.36

360 360

353.85

4.63:1 4:1 0.040 0.040 4:1 3.75:1

349.81 351.29

353.66

14+00.00

360 360

355.58

4.44:1 4:1 0.040 0.040 4:1 2.35:1

351.54 353.02

354.46

13+50.00

–Y10–

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

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8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-258

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

370

366.56

12+00.00

370

365.47

0.027 0.066

365.36

11+70.00

370

360

3:1 4:1 363.19

364.68

0.054 0.040

364.54

11+50.00

4:1 5:1 361.79

370

360

3:1 4:1 361.80

363.58

0.036 0.036

363.46

11+22.12

4:1 5:1 360.74

370

360

3:1 4:1 360.70

362.70

0.023 0.022

362.44

11+00.00

4:1 6:1 360.00

370

360

6:1 4:1 358.18

360.68

0.009 0.009

359.03

10+50.00

4.20:1 4.20:1 358.48

-Y11-

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

12/30/2013
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8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-259

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

370

368.65

12+50.00

-Y11-

370

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

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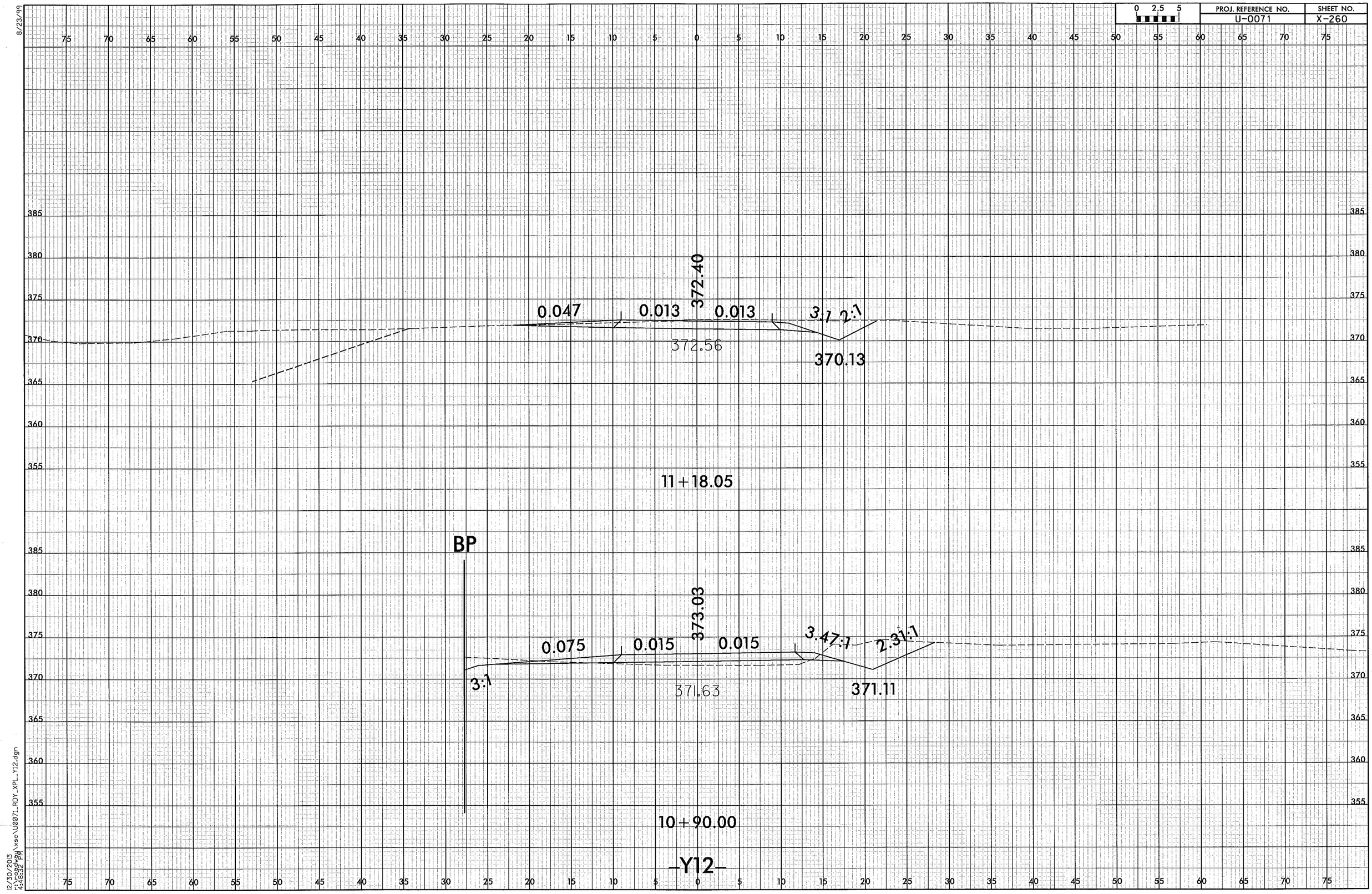
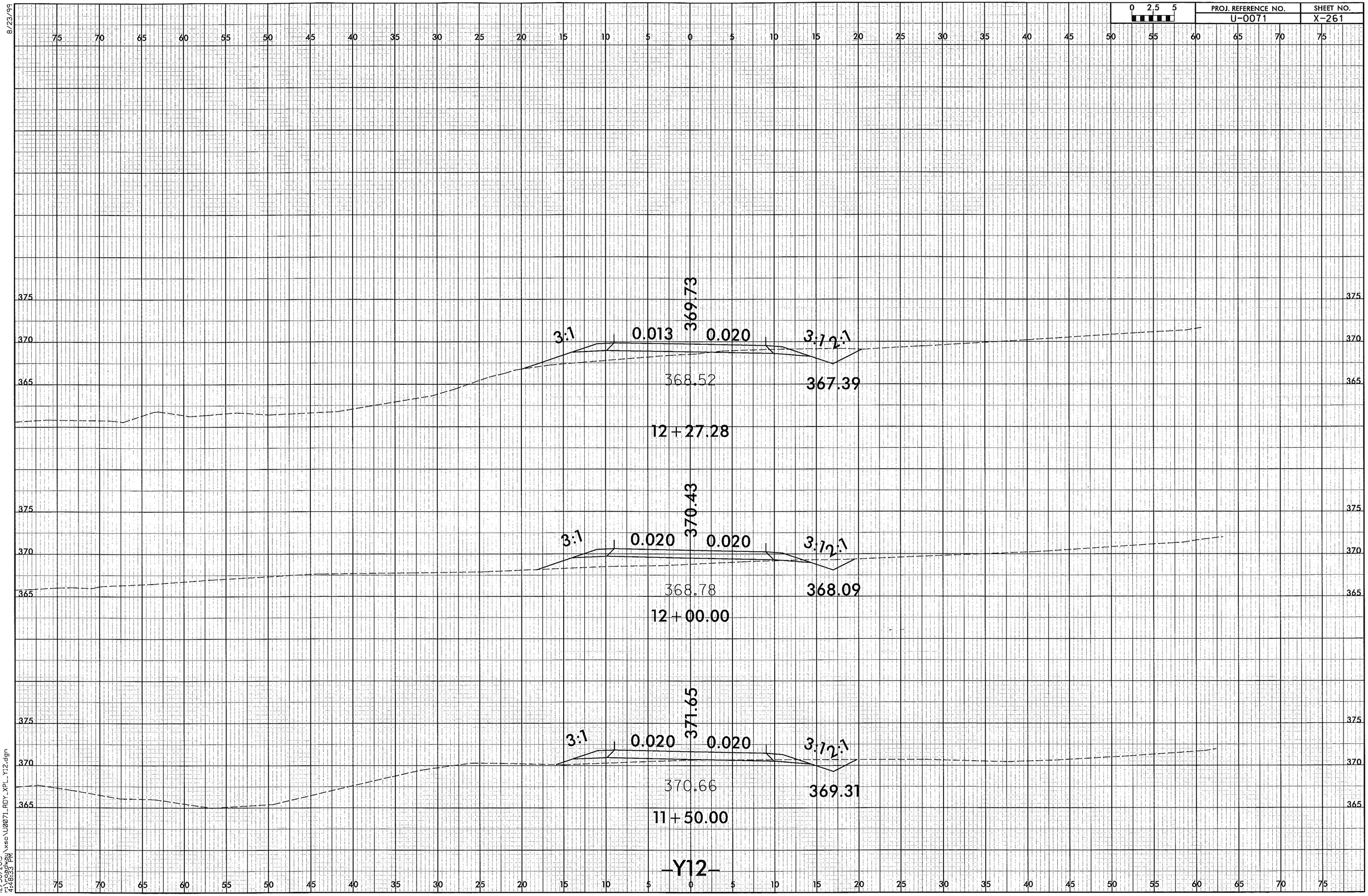


0 2.5 5
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-260
8/23/99
0.047
0.013
372.40
0.013
3:1
2:1
372.56
370.13
11+18.05
BP
0.075
0.015
373.03
0.015
3.47:1
2.31:1
3:1
371.63
371.11
10+90.00
-Y12-
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y12.dgn
4:48:32 PM

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-261



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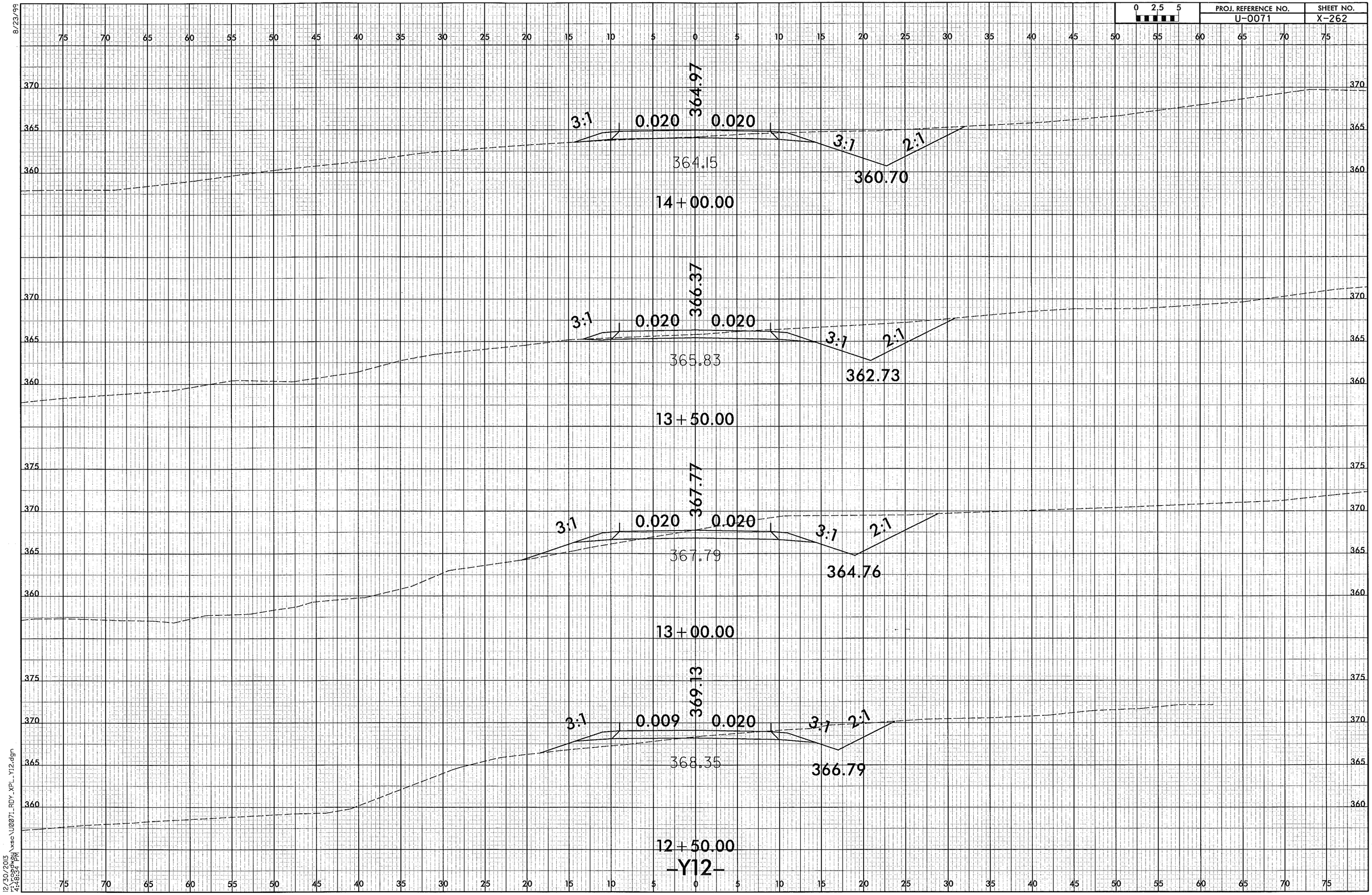

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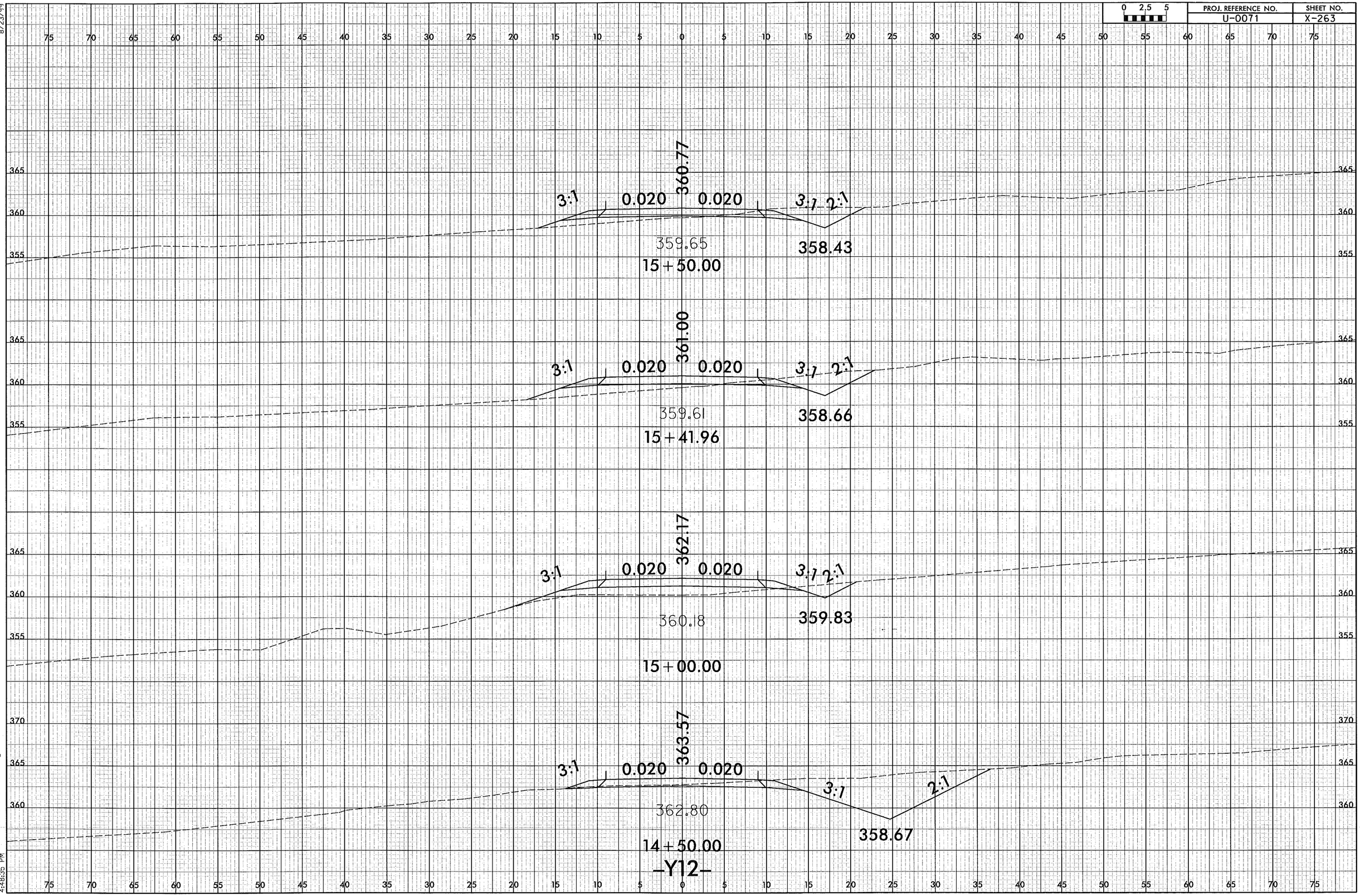

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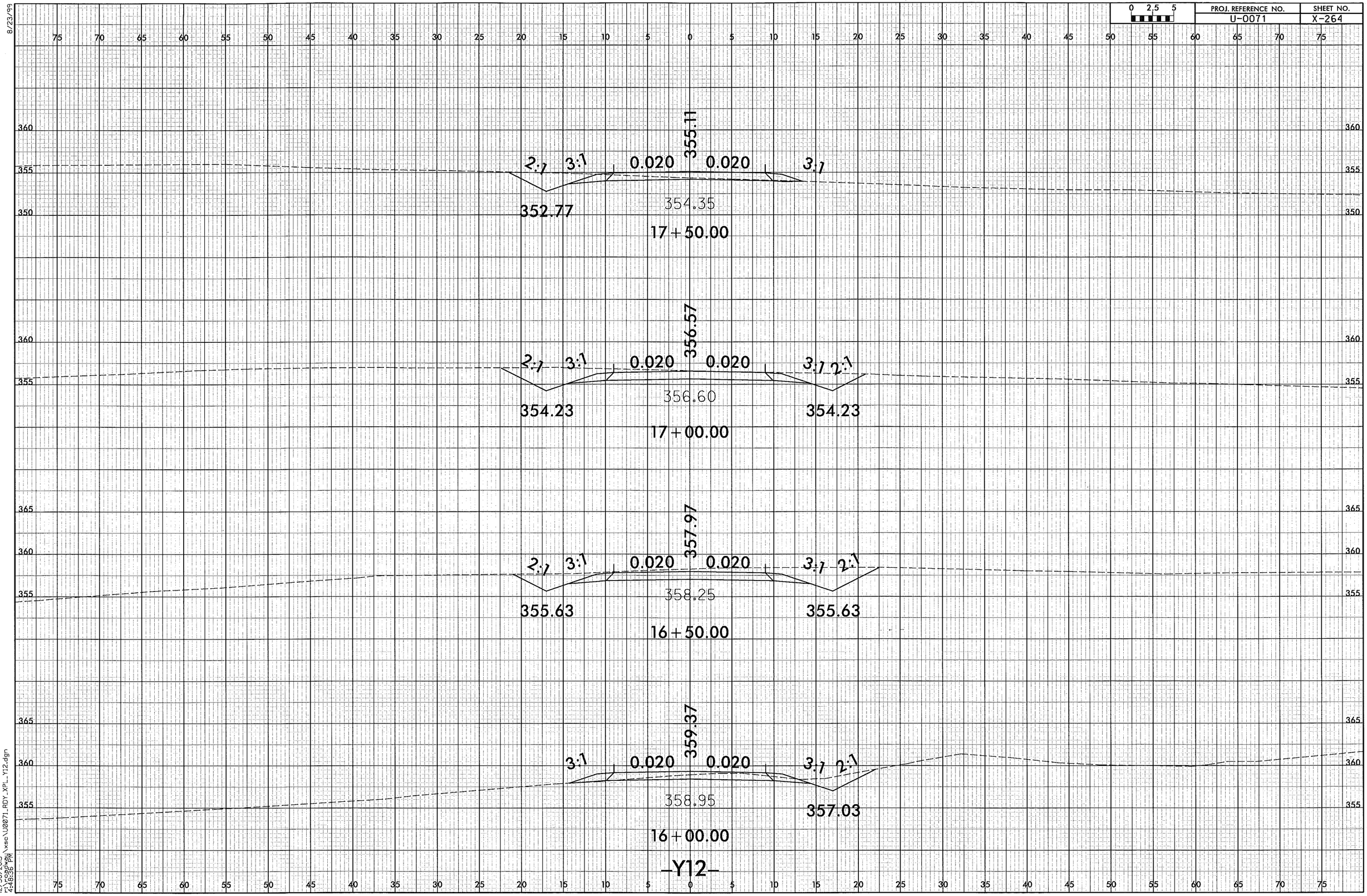

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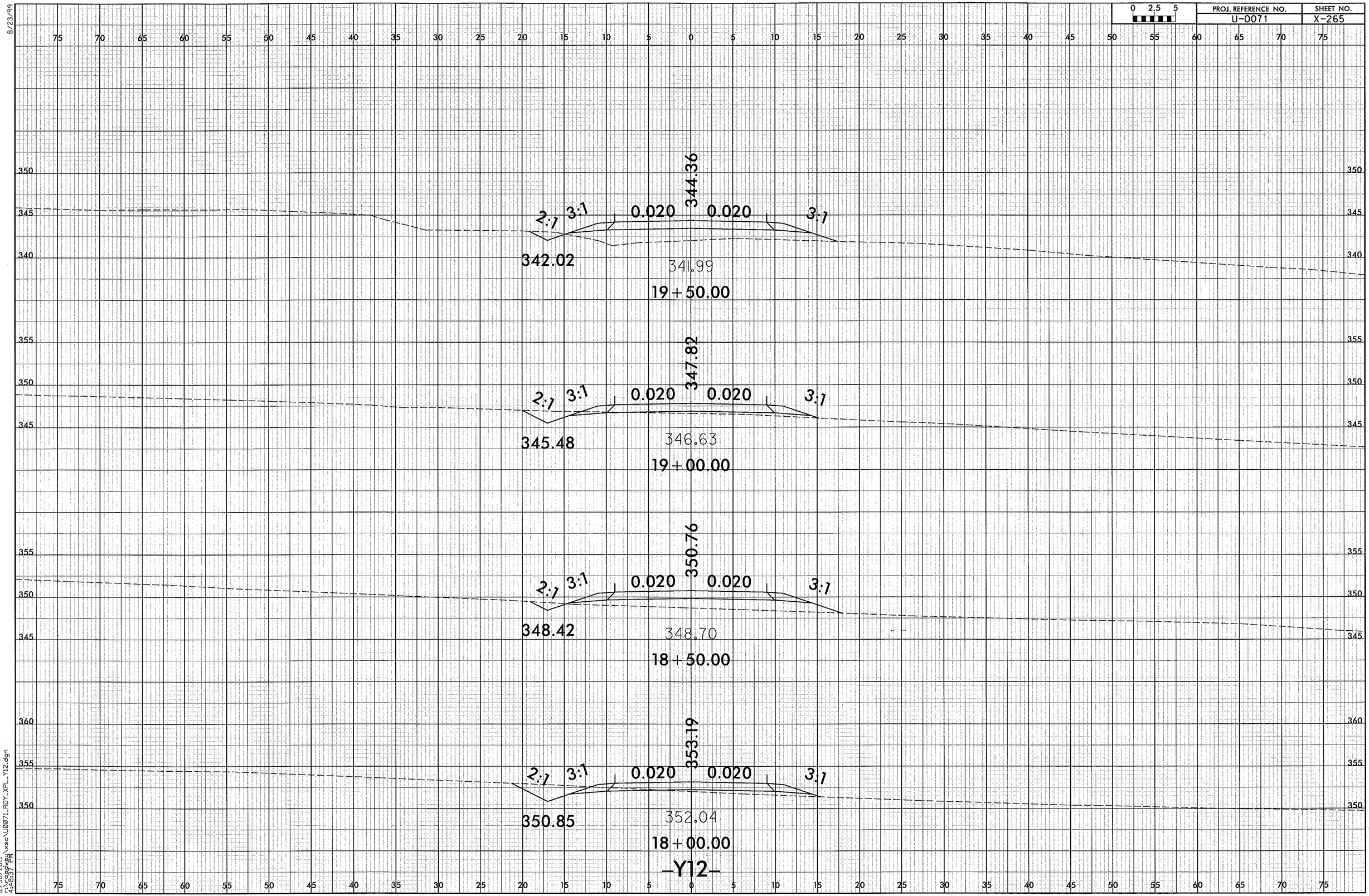

8/23/99

12/30/2013
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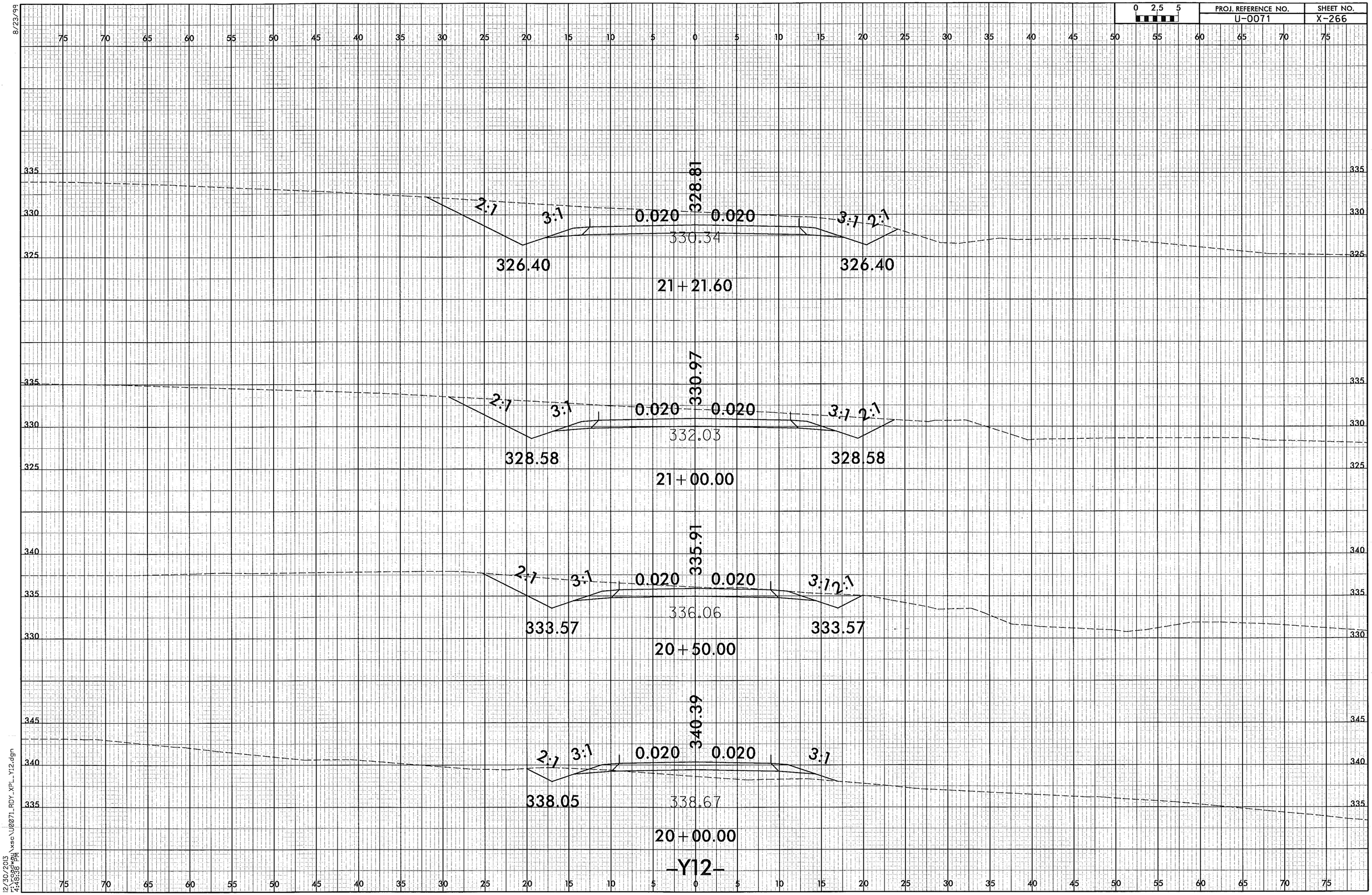
PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-266



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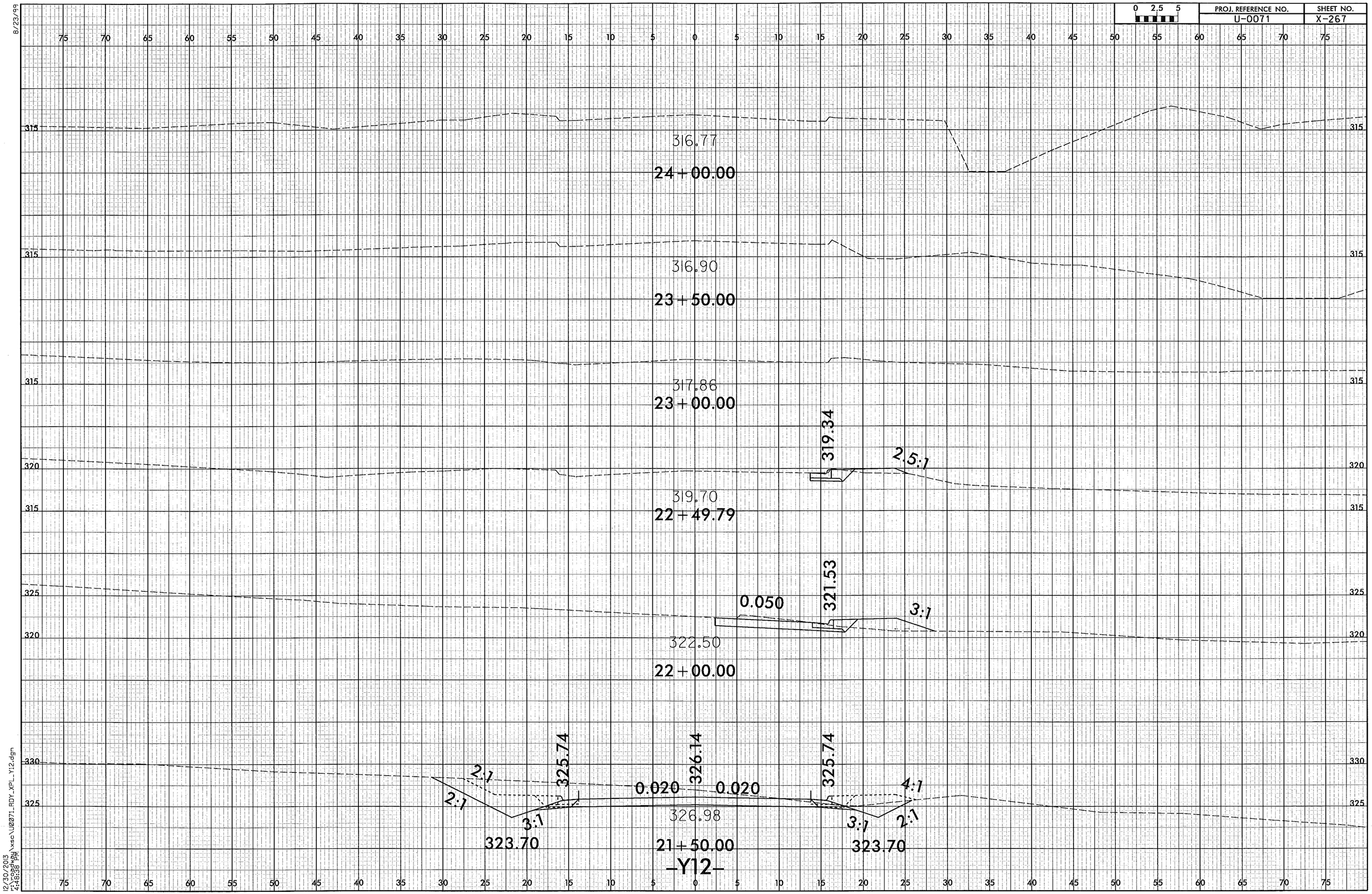

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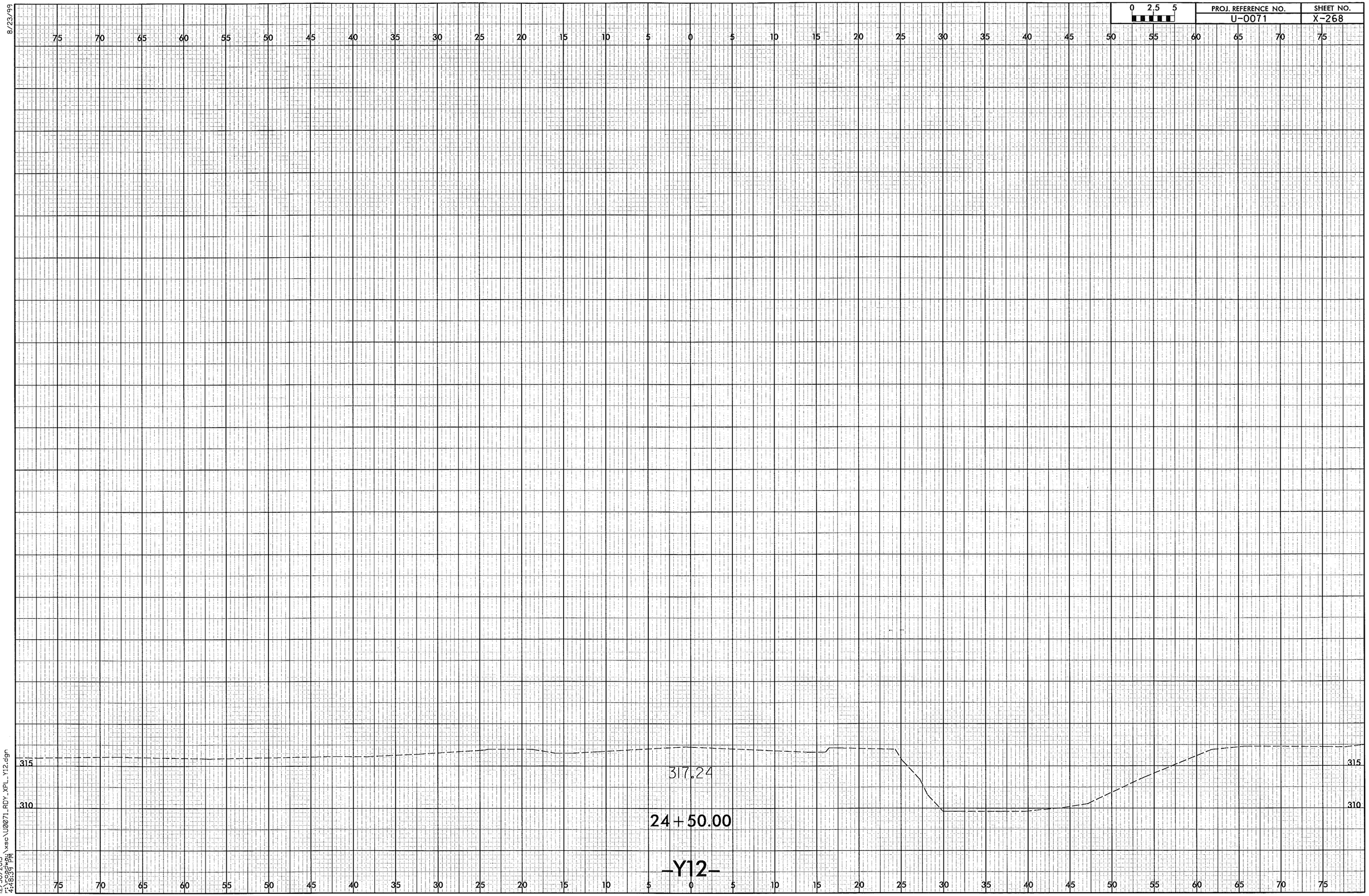
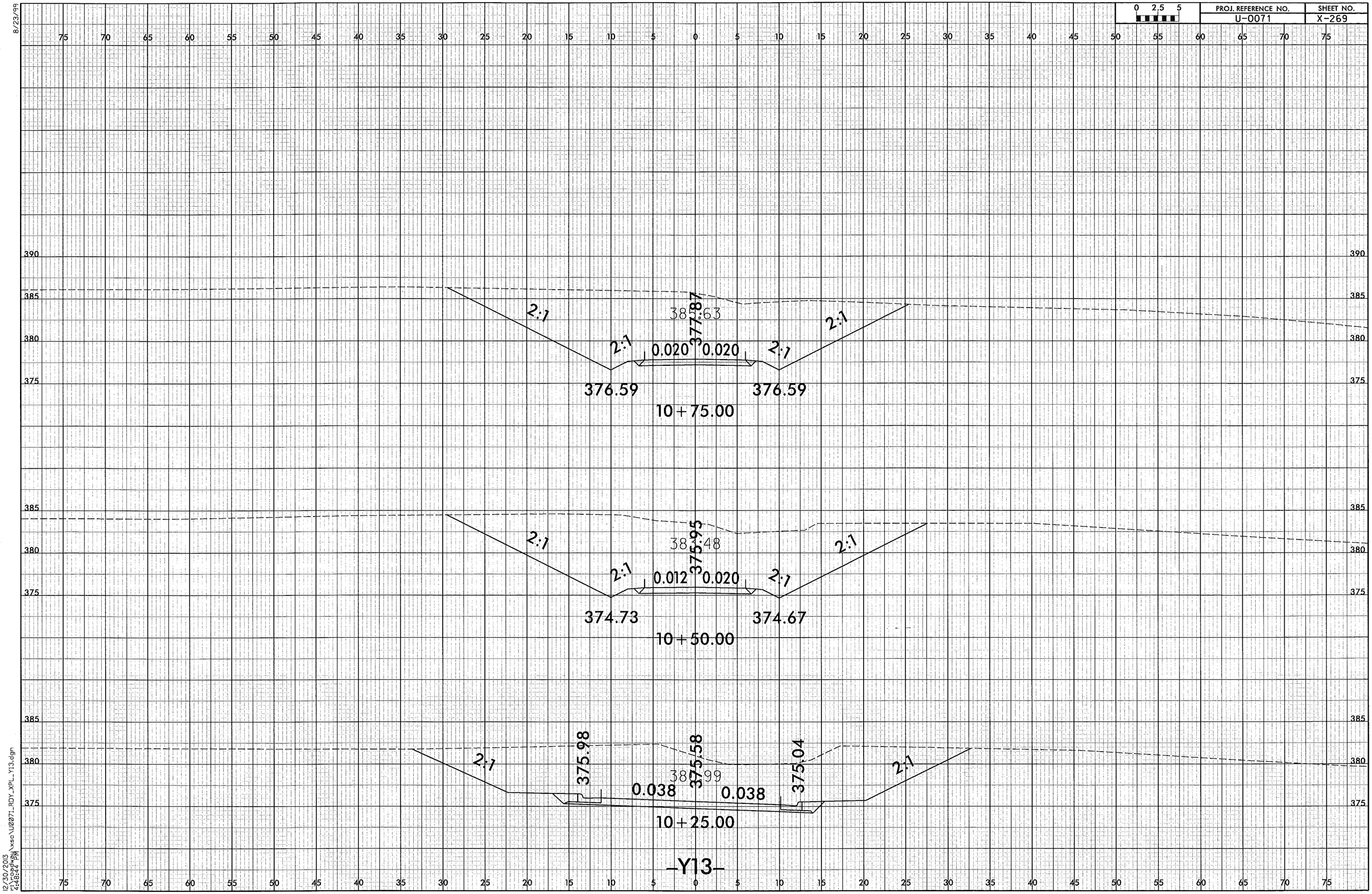


0 2.5 5
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-268
8/23/99
315
310
317.24
24+50.00
-Y12-
12/30/2013
4:48:39 PM

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-269



12/30/2013
4:16:24 PM
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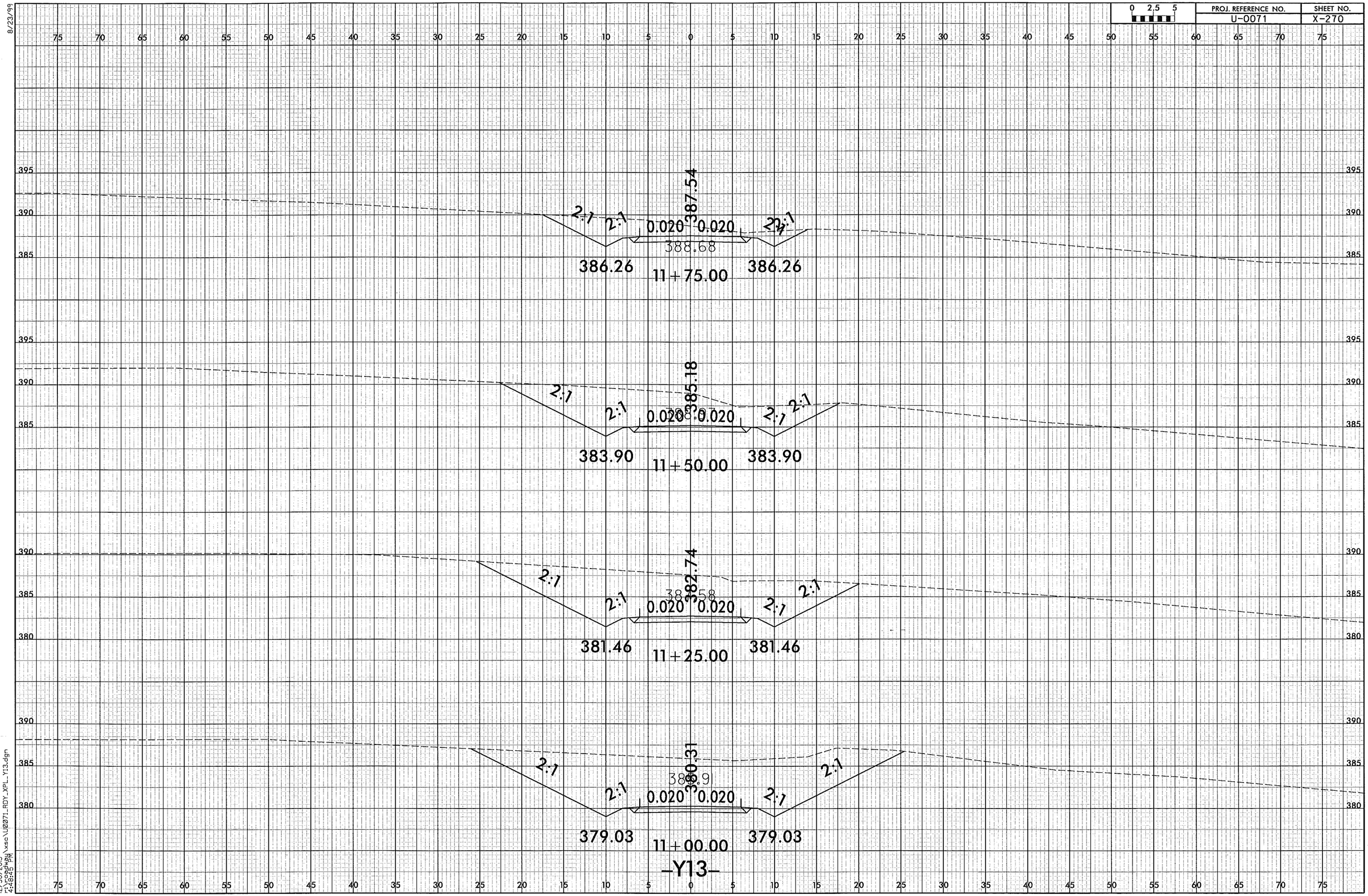

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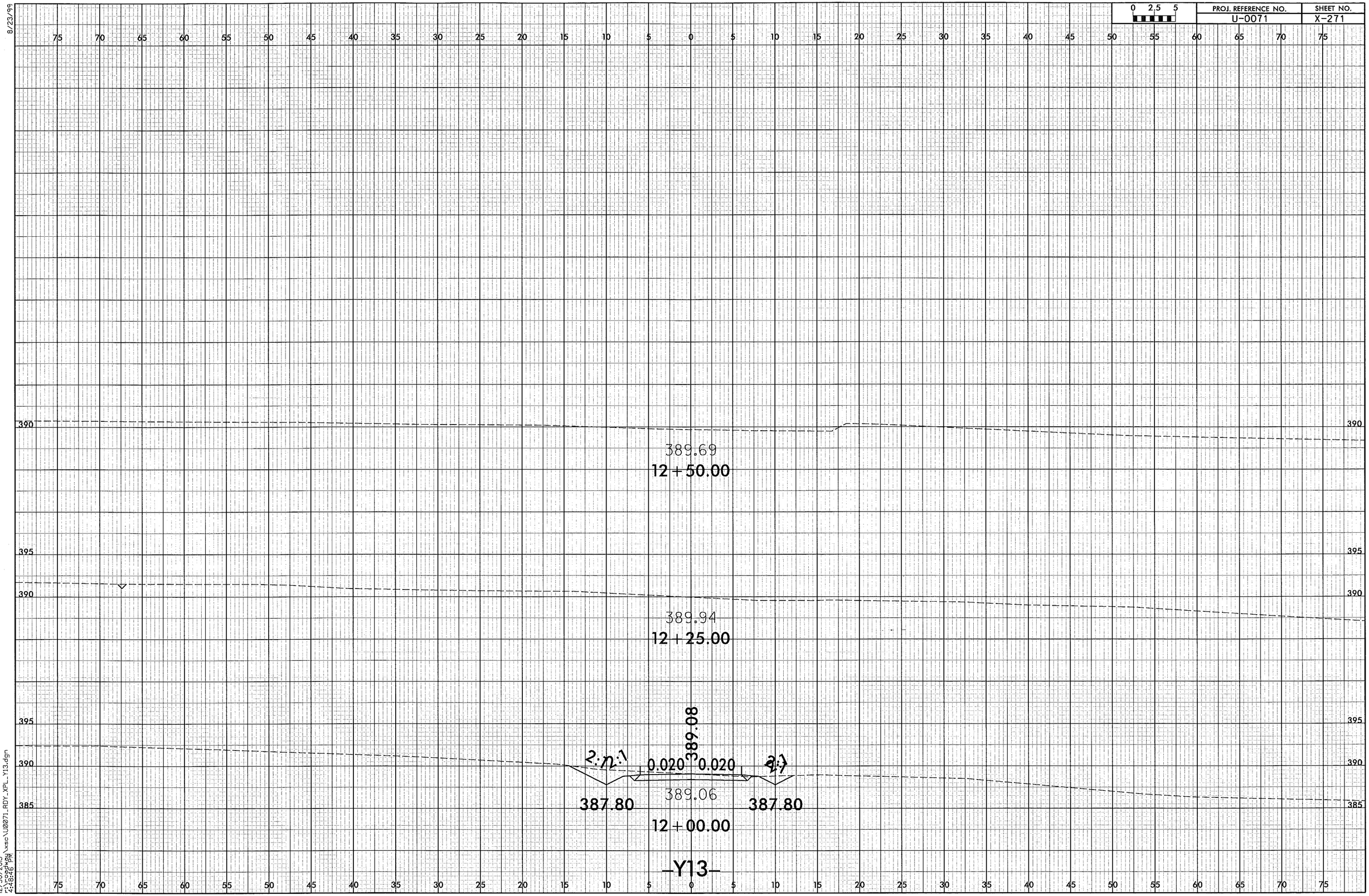
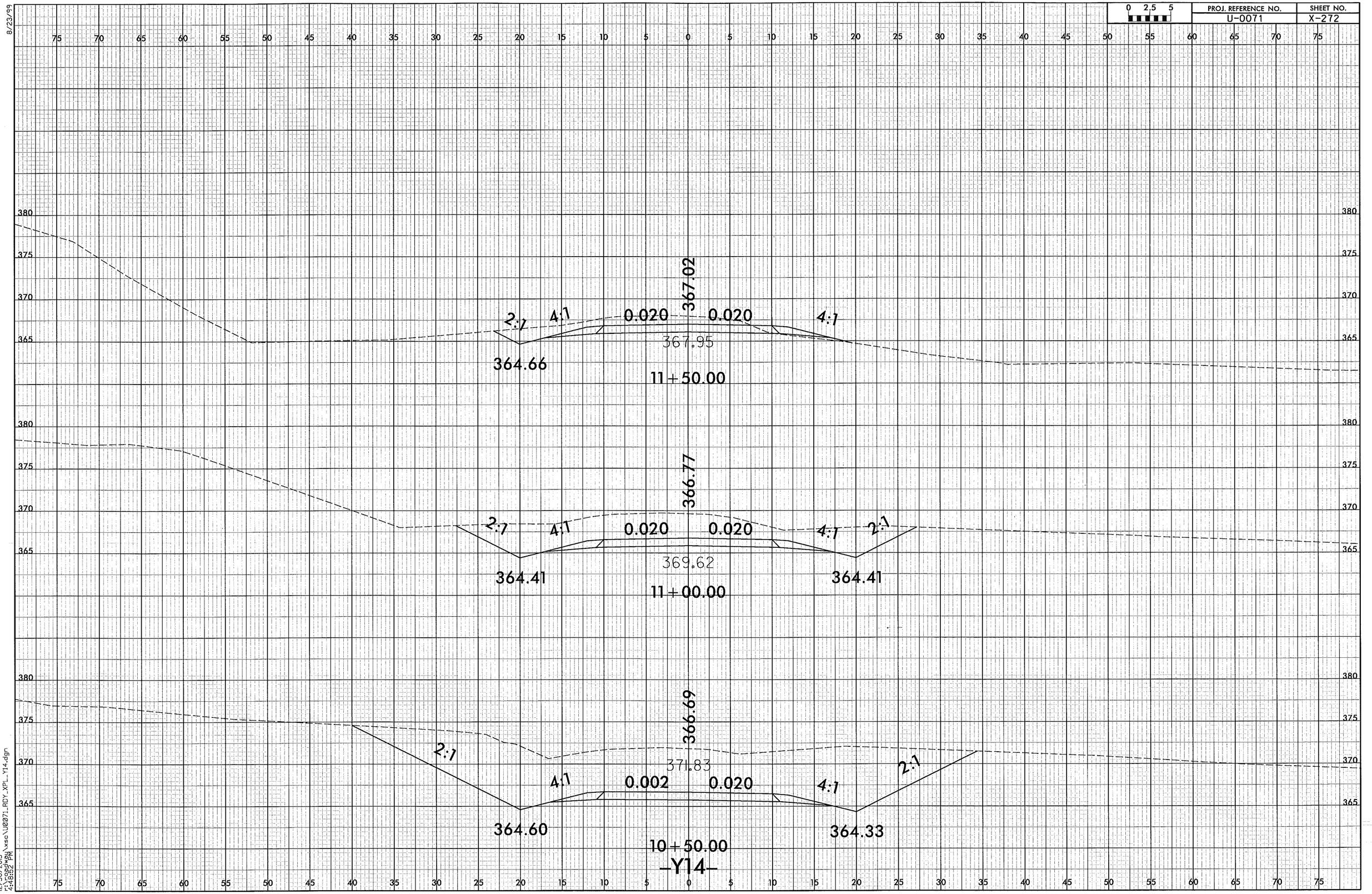


0 2.5 5
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-271
8/23/99
389.69
12+50.00
389.94
12+25.00
389.08
2:1
0.020
0.020
2:1
389.06
387.80
387.80
12+00.00
-Y13-
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y13.dgn
4:48:46 PM



0 2.5 5
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-272
8/23/99
367.02
2:1
4:1
0.020
0.020
4:1
367.95
364.66
11+50.00
366.77
2:1
4:1
0.020
0.020
4:1
2:1
369.62
364.41
364.41
11+00.00
366.69
2:1
371.83
4:1
0.002
0.020
4:1
2:1
364.60
364.33
10+50.00
-Y14-
12/30/2013
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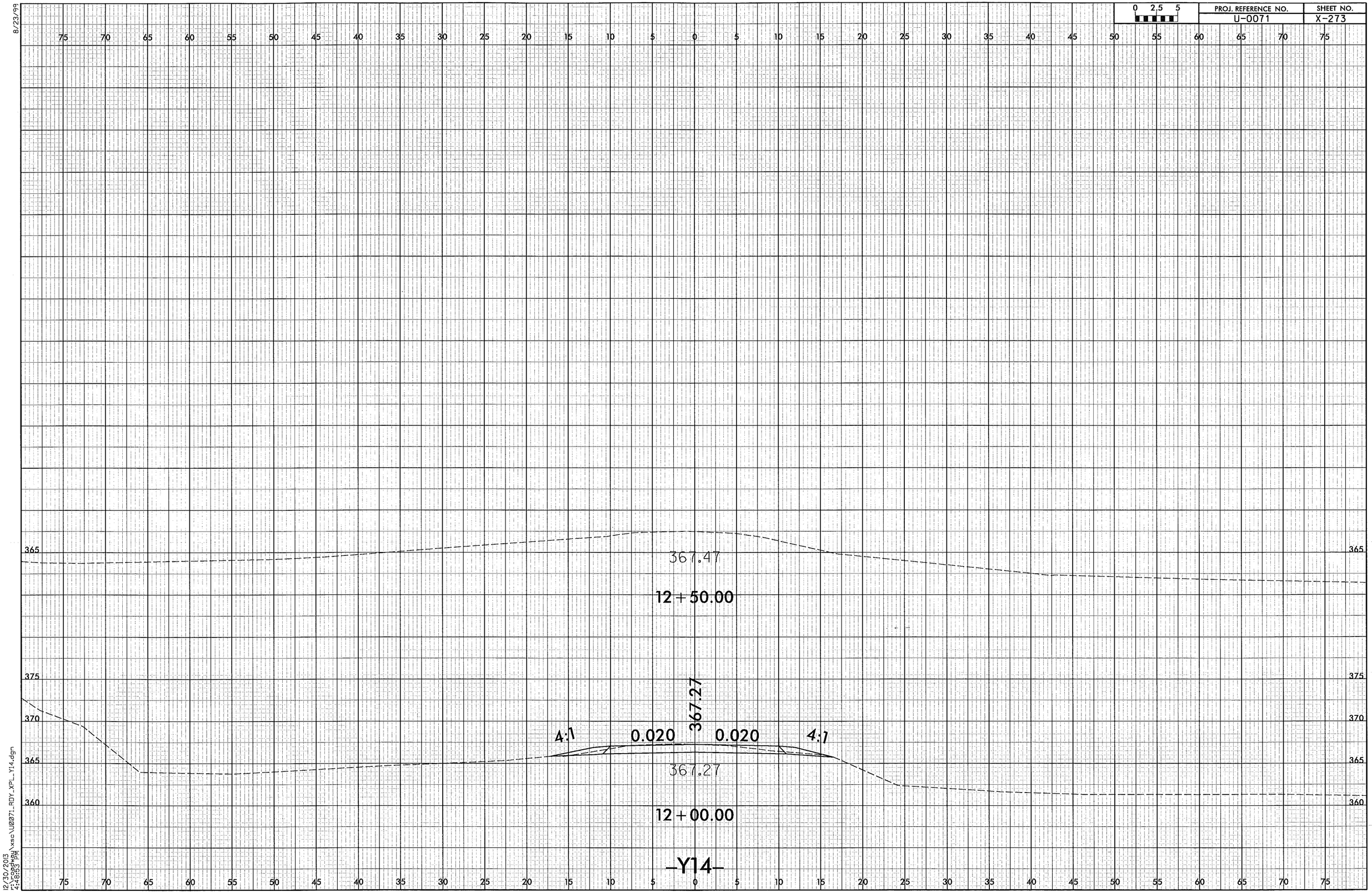
4:48:52 PM



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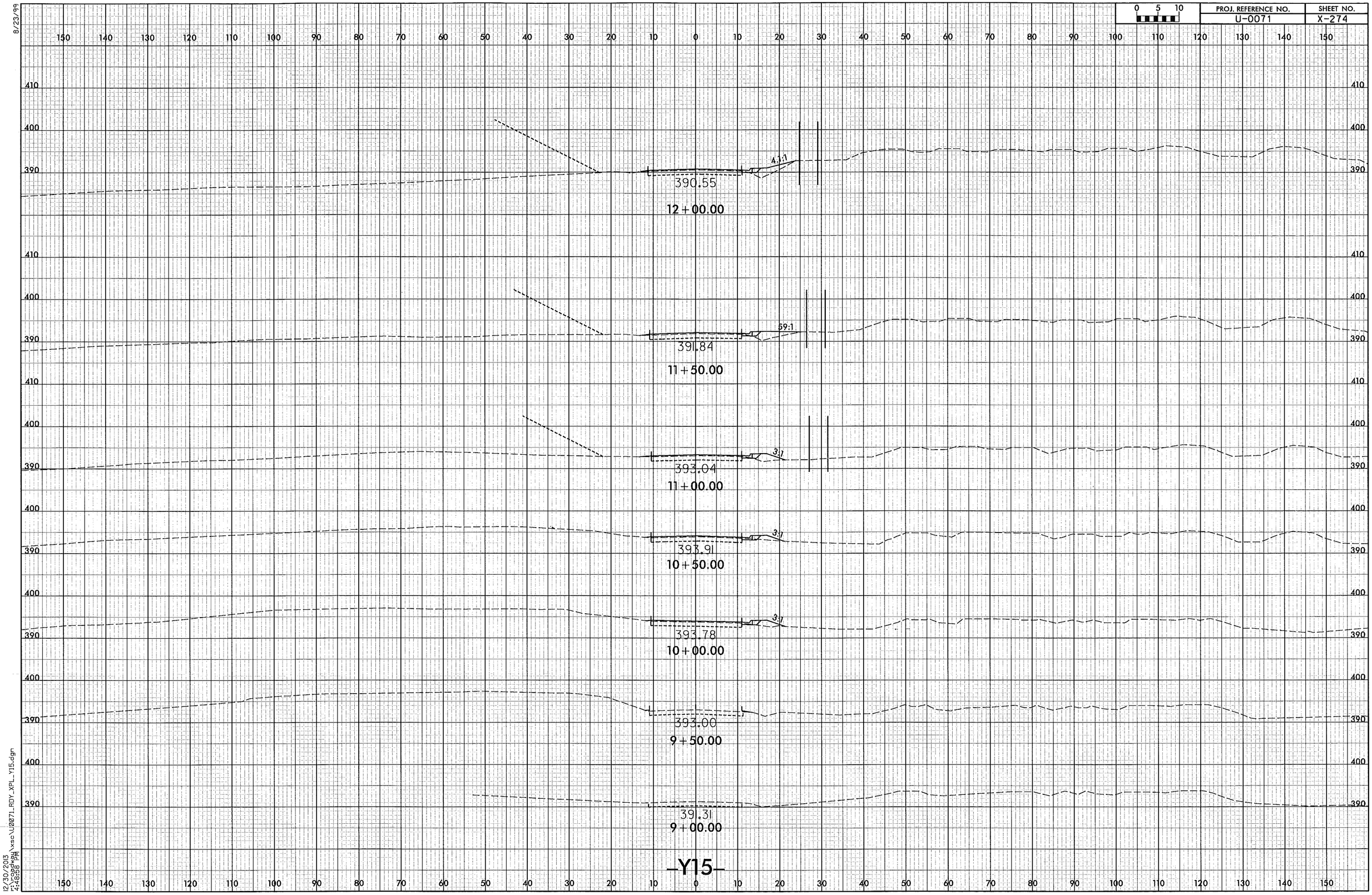

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12/30/2013
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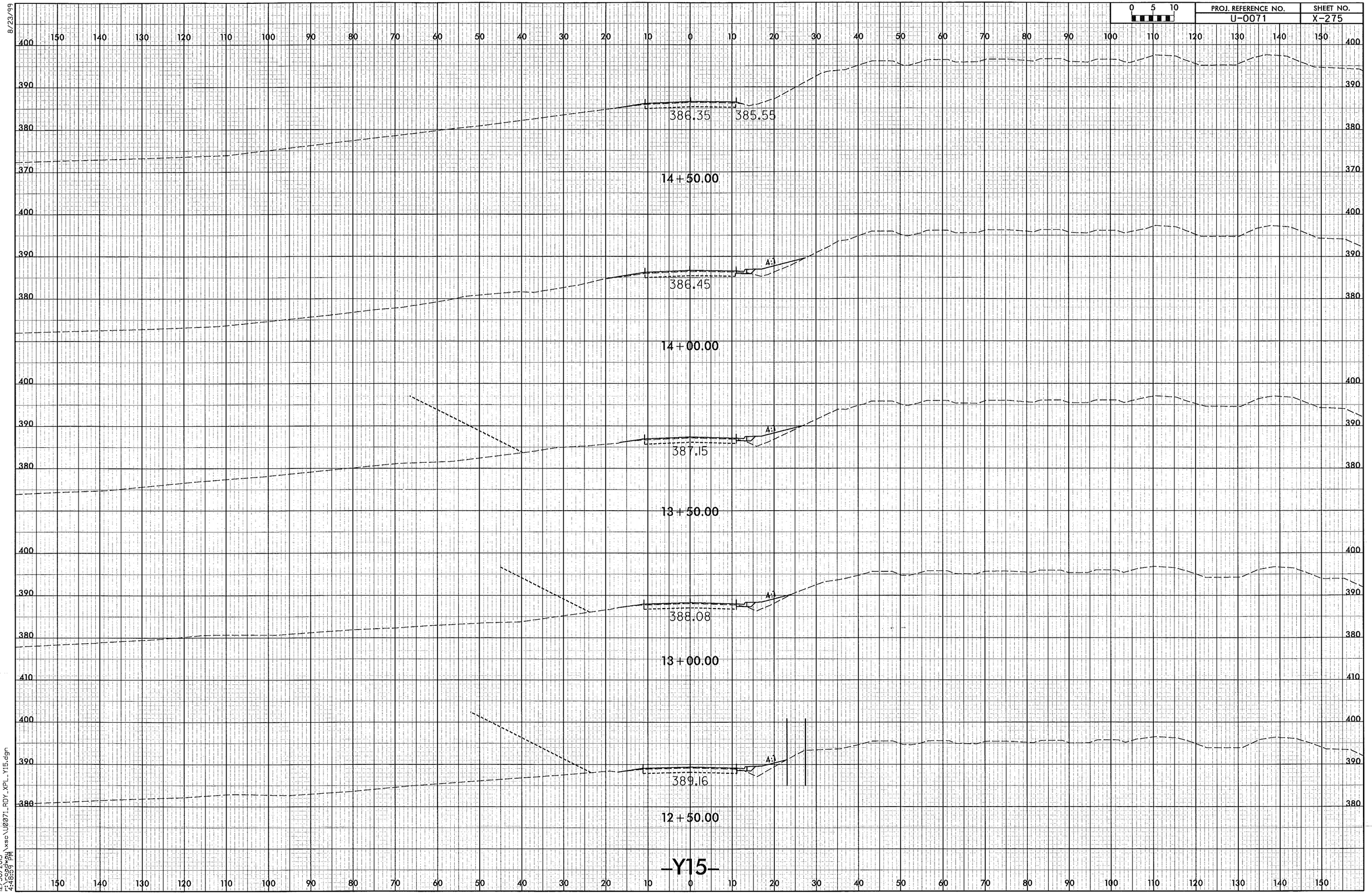
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-275



-Y15-

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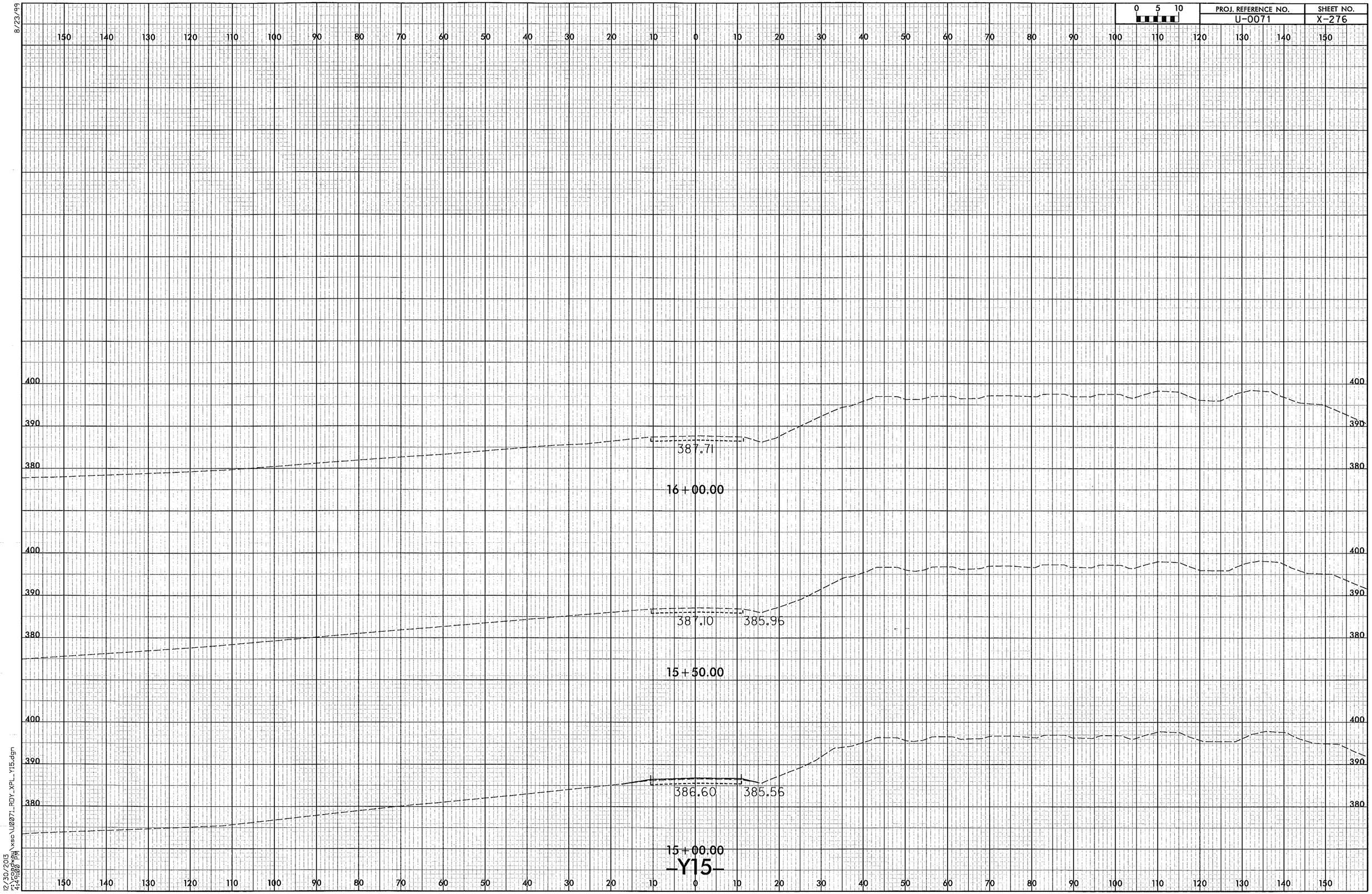
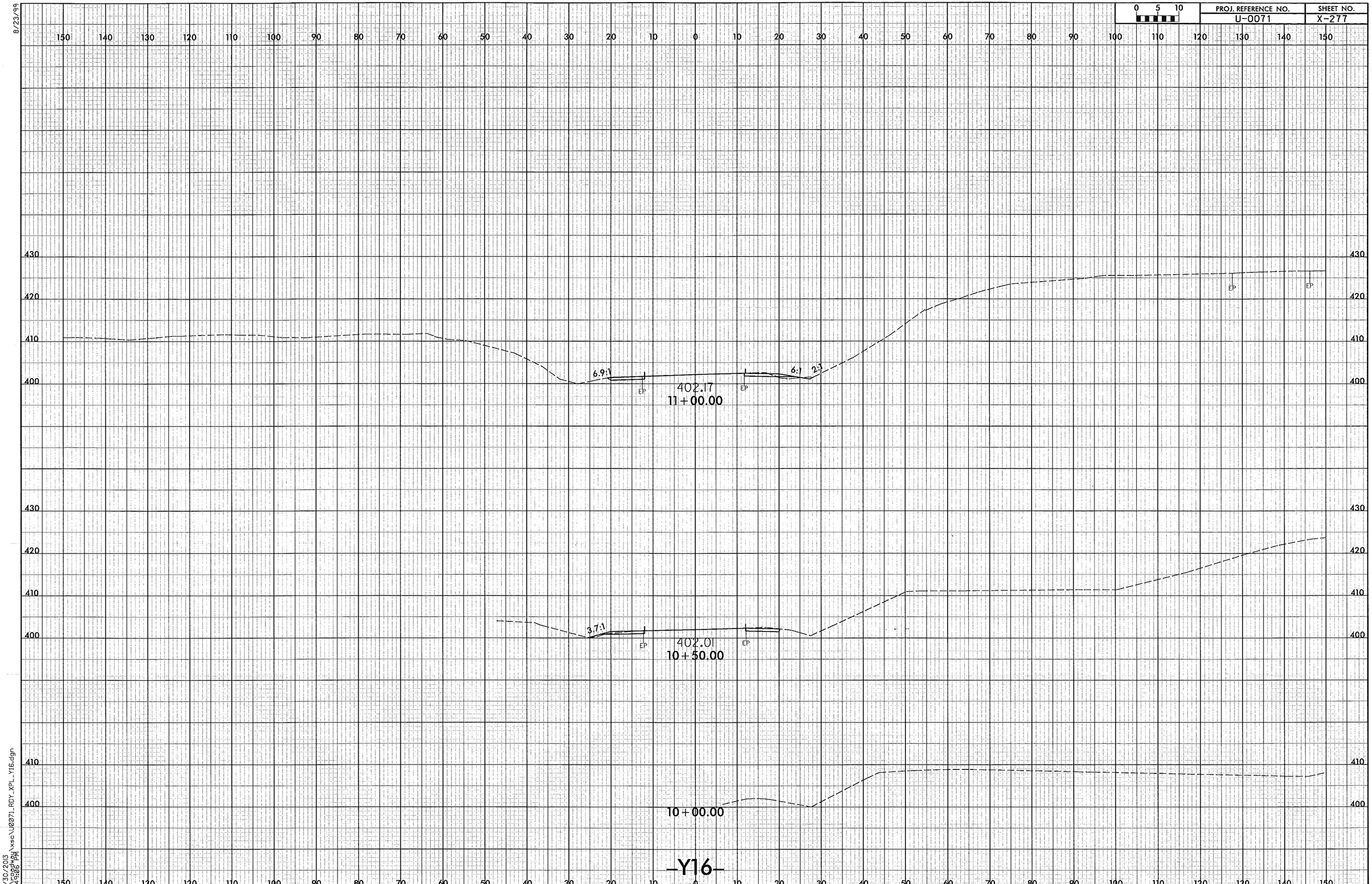


0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-276
8/23/99
387.71
16+00.00
387.10
385.96
15+50.00
386.60
385.56
15+00.00
-Y15-
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y15.dgn
4:49:00 PM



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12/30/2013
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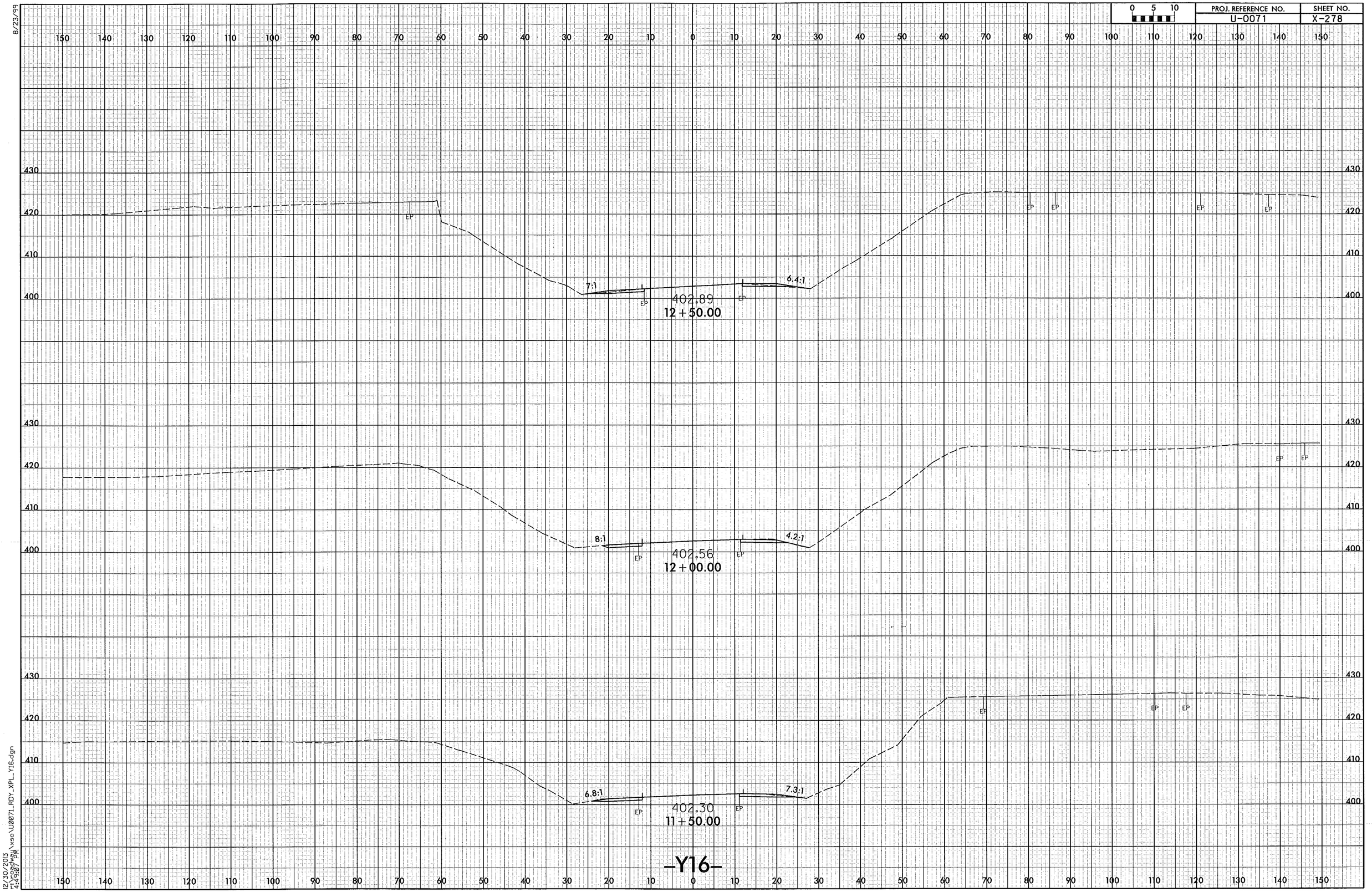

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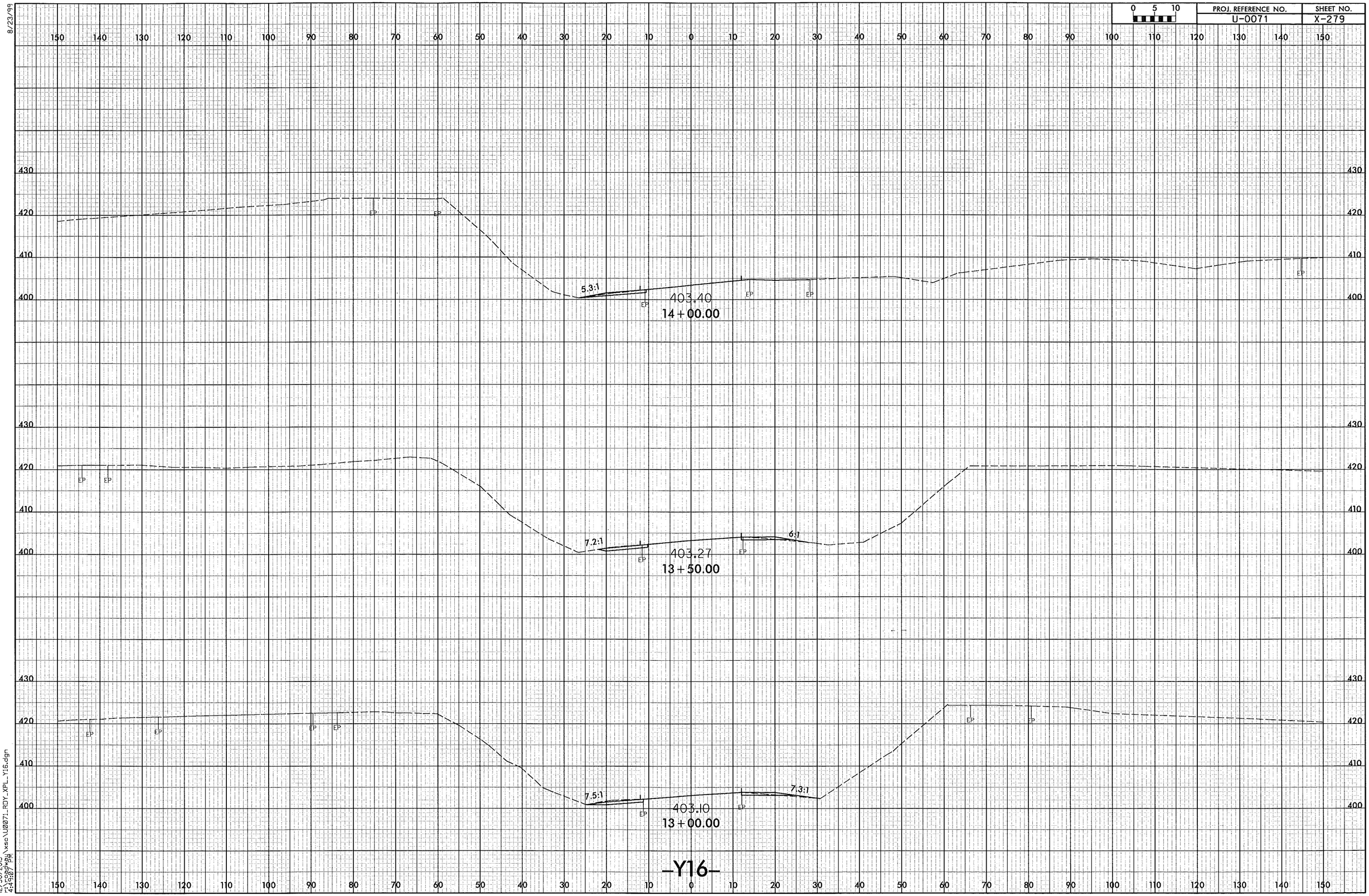

0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-279
8/23/99
5.3:1
403.40
14+00.00
7.2:1
6:1
403.27
13+50.00
7.5:1
7.3:1
403.10
13+00.00
EP
-Y16-
12/30/2013
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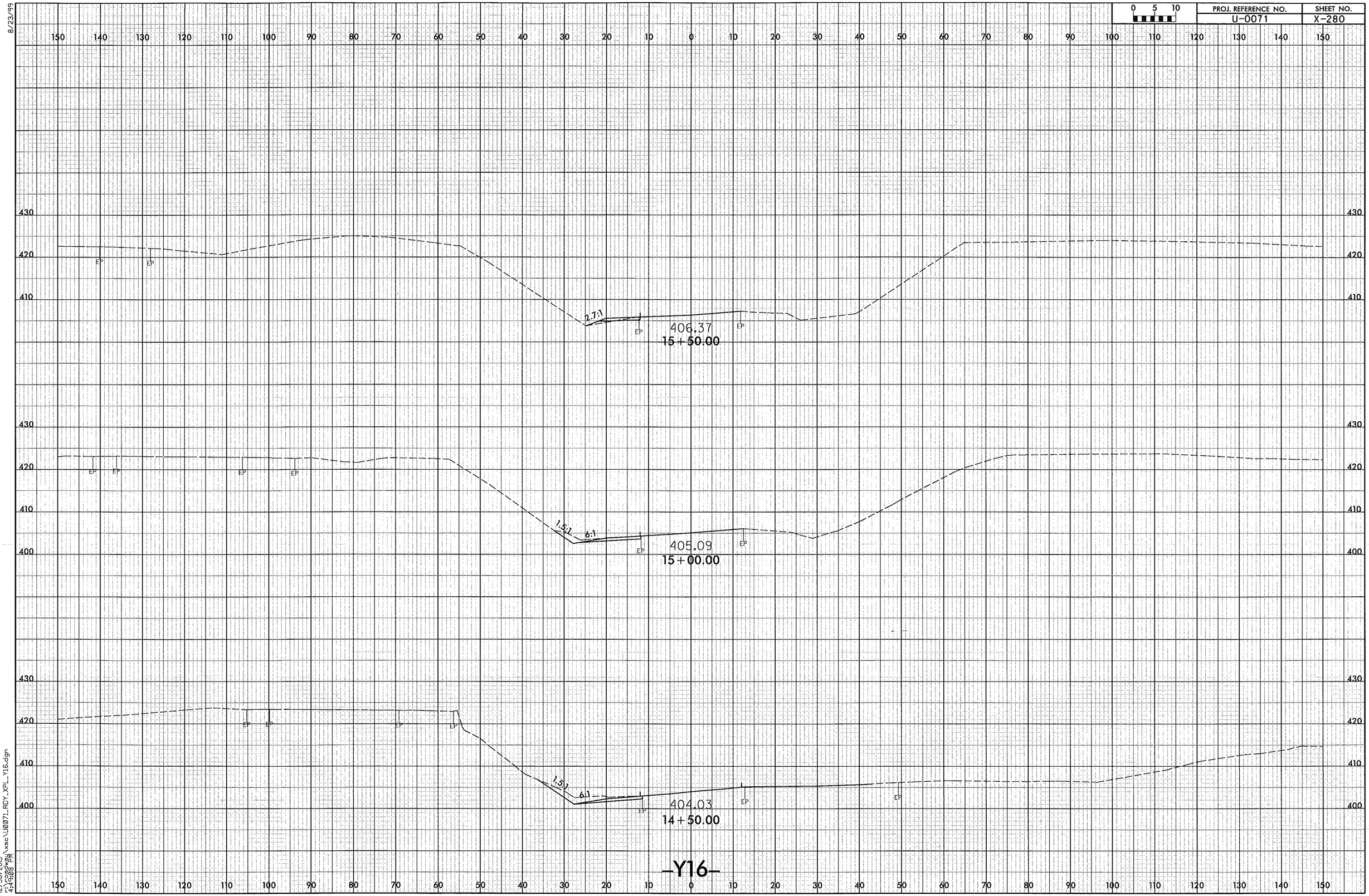
4:49:07 PM



0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-280
8/23/99
2.7:1
406.37
15+50.00
1.5:1
6:1
405.09
15+00.00
1.5:1
6:1
404.03
14+50.00
-Y16-
12/30/2013
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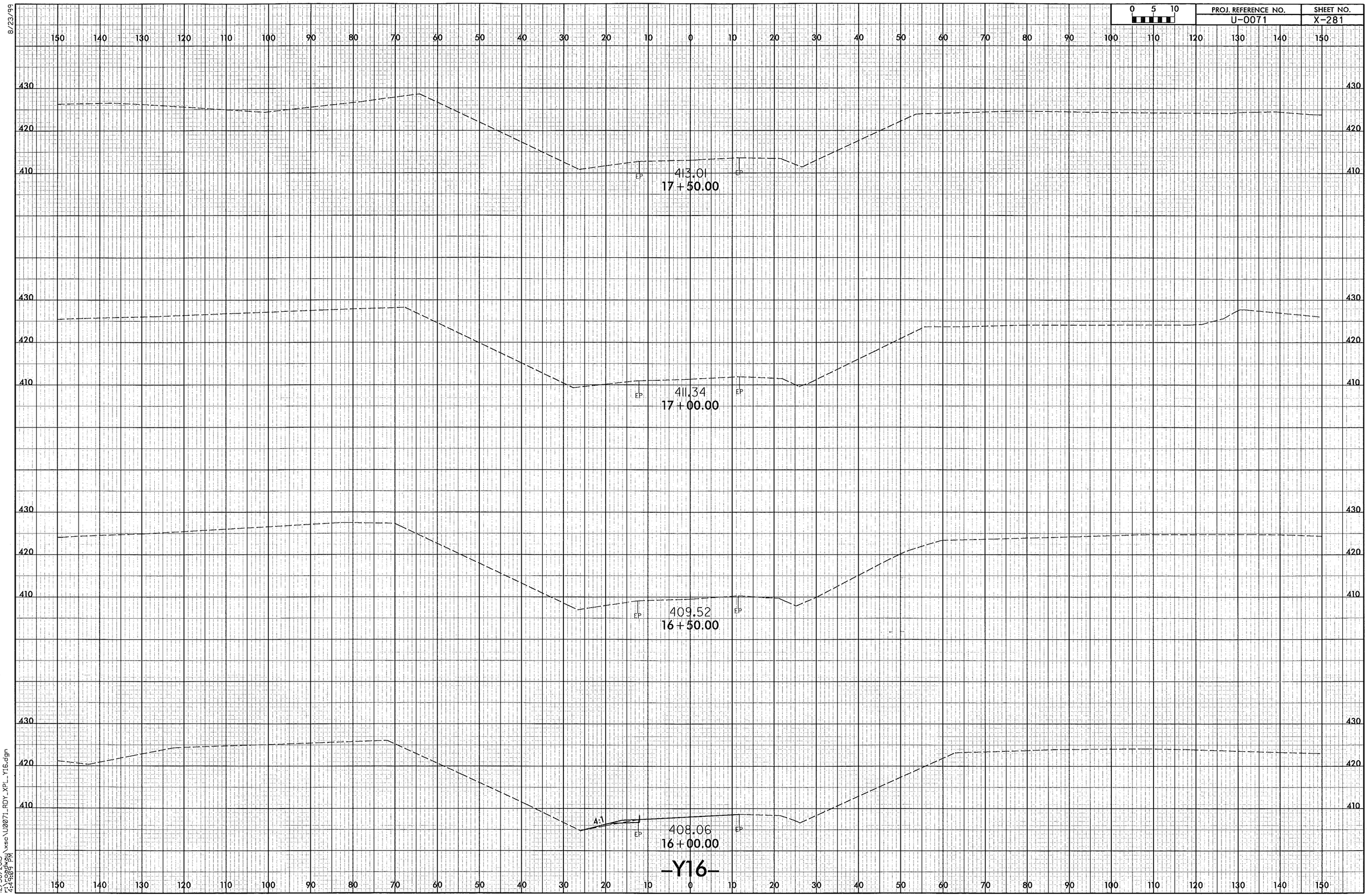
4:49:08 PM



0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-281
8/23/99
413.01
17+50.00
411.34
17+00.00
409.52
16+50.00
408.06
16+00.00
4:1
EP
-Y16-
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_Y16.dgn
4:49:09 PM

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-282

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

385 380 375

381.93

4:1 0.013 0.050 10.7:1

38.71

11+25.00

390 385 380

383.05

0.013 0.050

382.99

11+00.00

390 385 380

385.59

10+50.00

395 390 385

387.91

10+00.00

–Y17–

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

9/9/2014
10:48:05 AM
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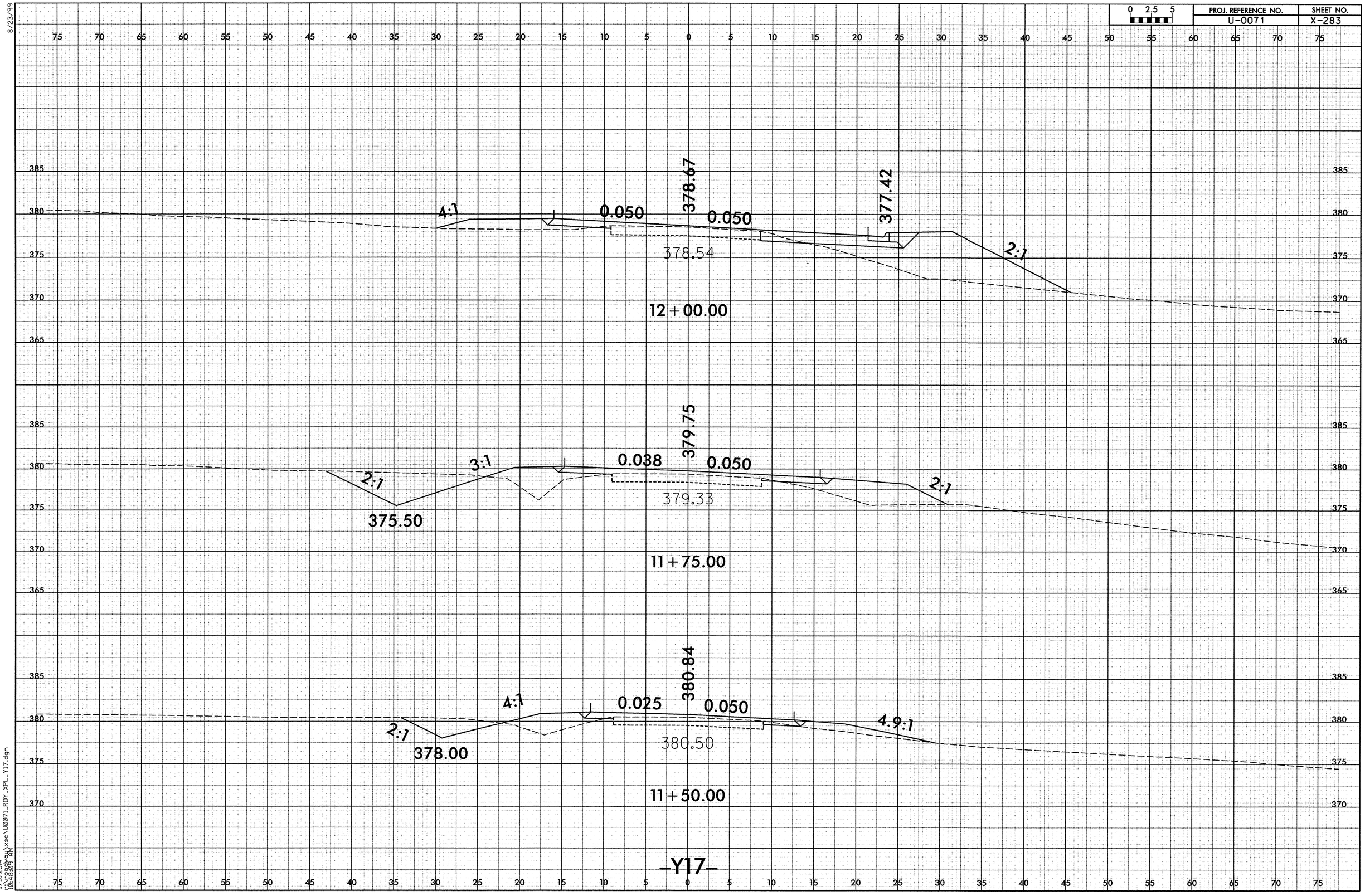

8/23/99

9/9/2014
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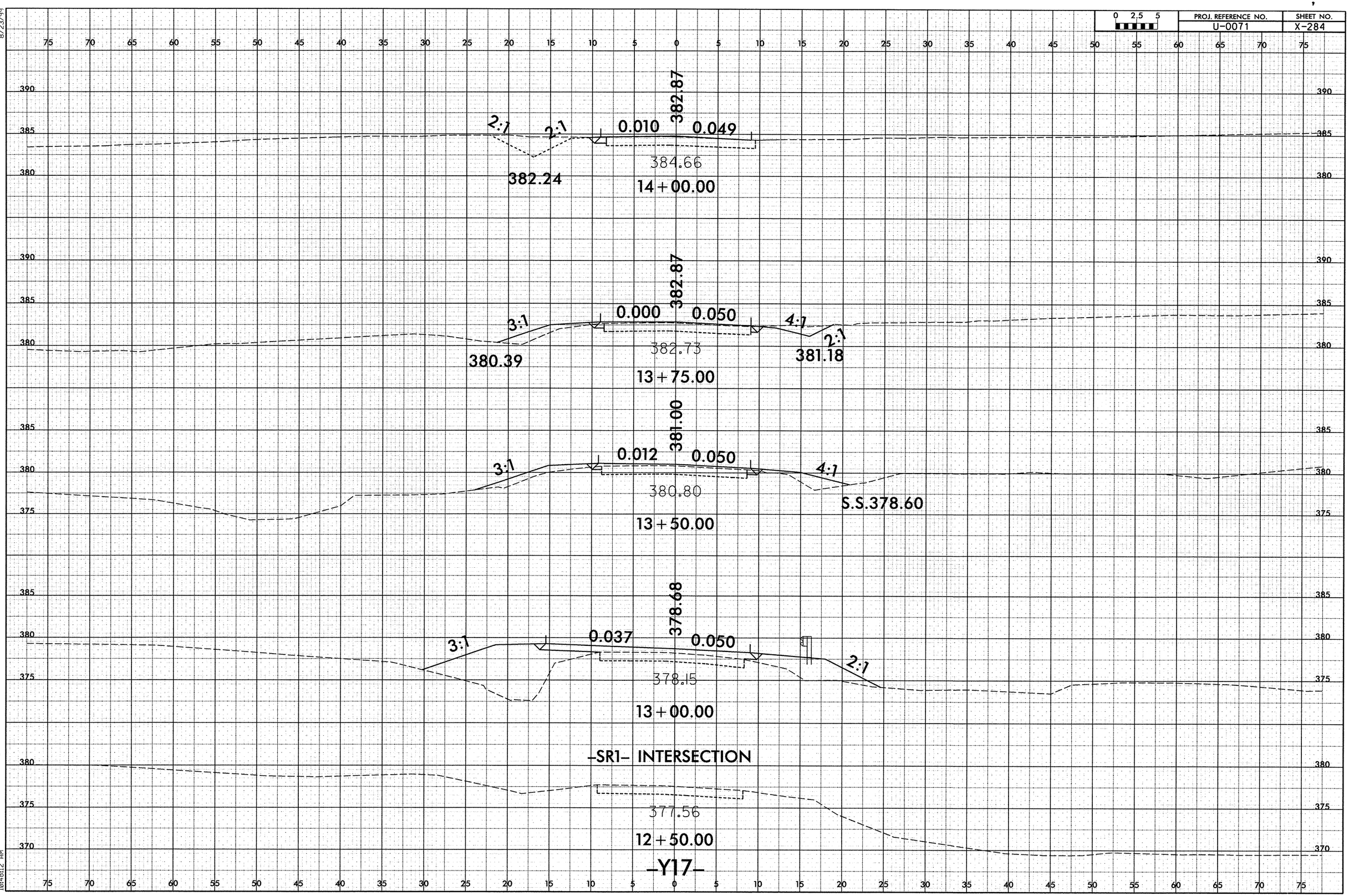

8/23/99

9/9/2014
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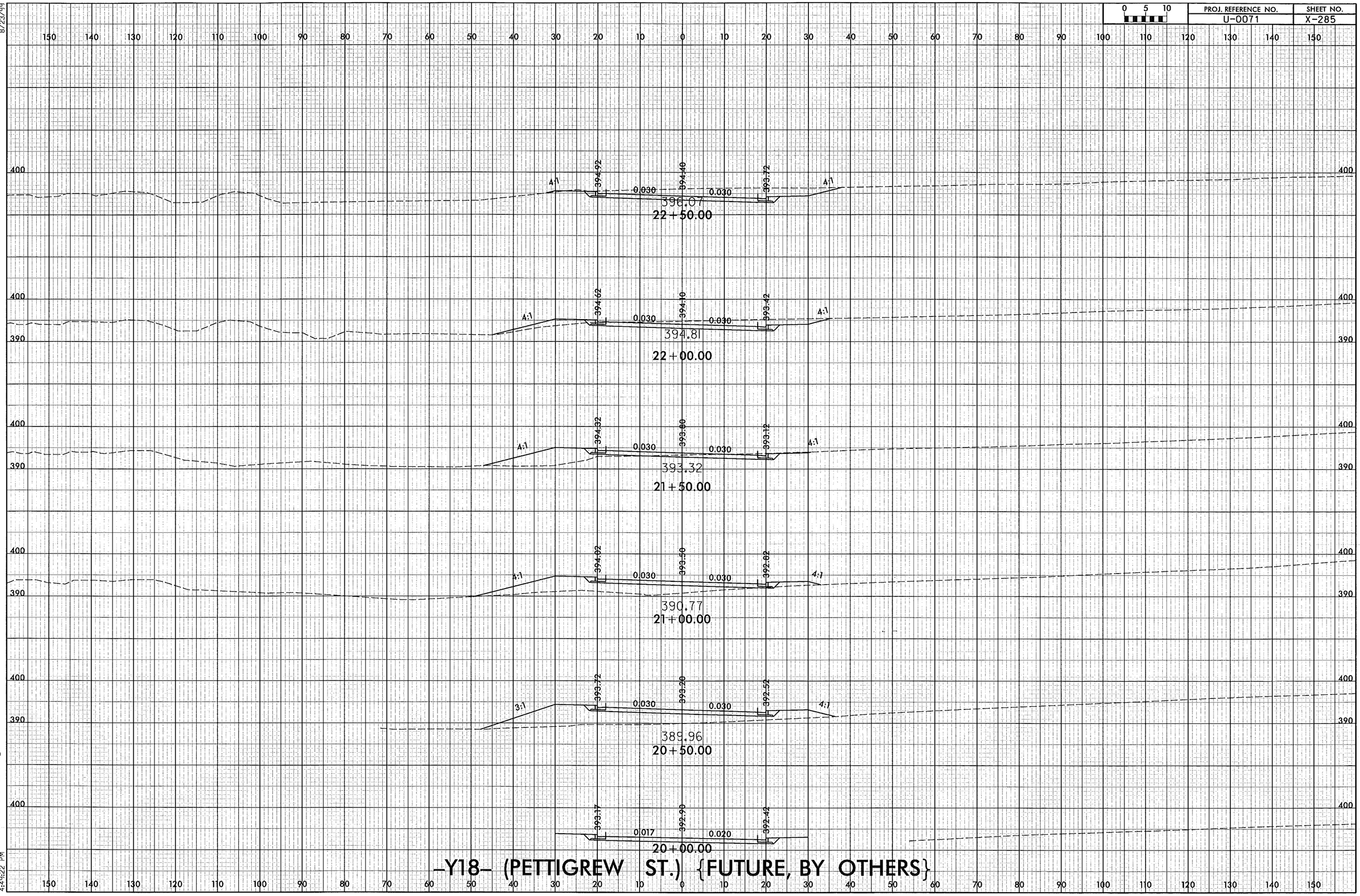
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-285



–Y18– (PETTIGREW ST.) {FUTURE, BY OTHERS}

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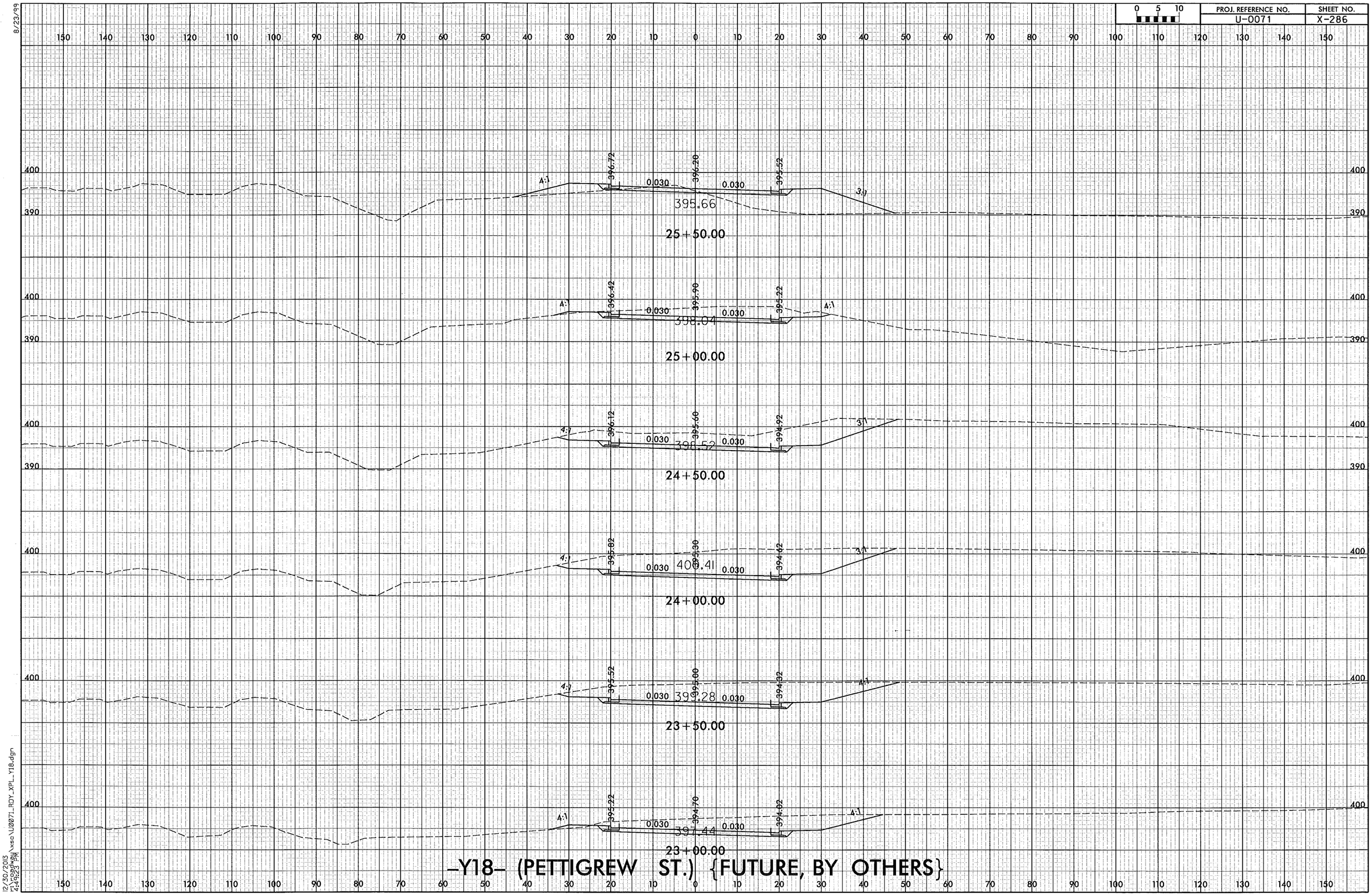

–Y18– (PETTIGREW ST.) {FUTURE, BY OTHERS}

8/23/99

12/30/2013
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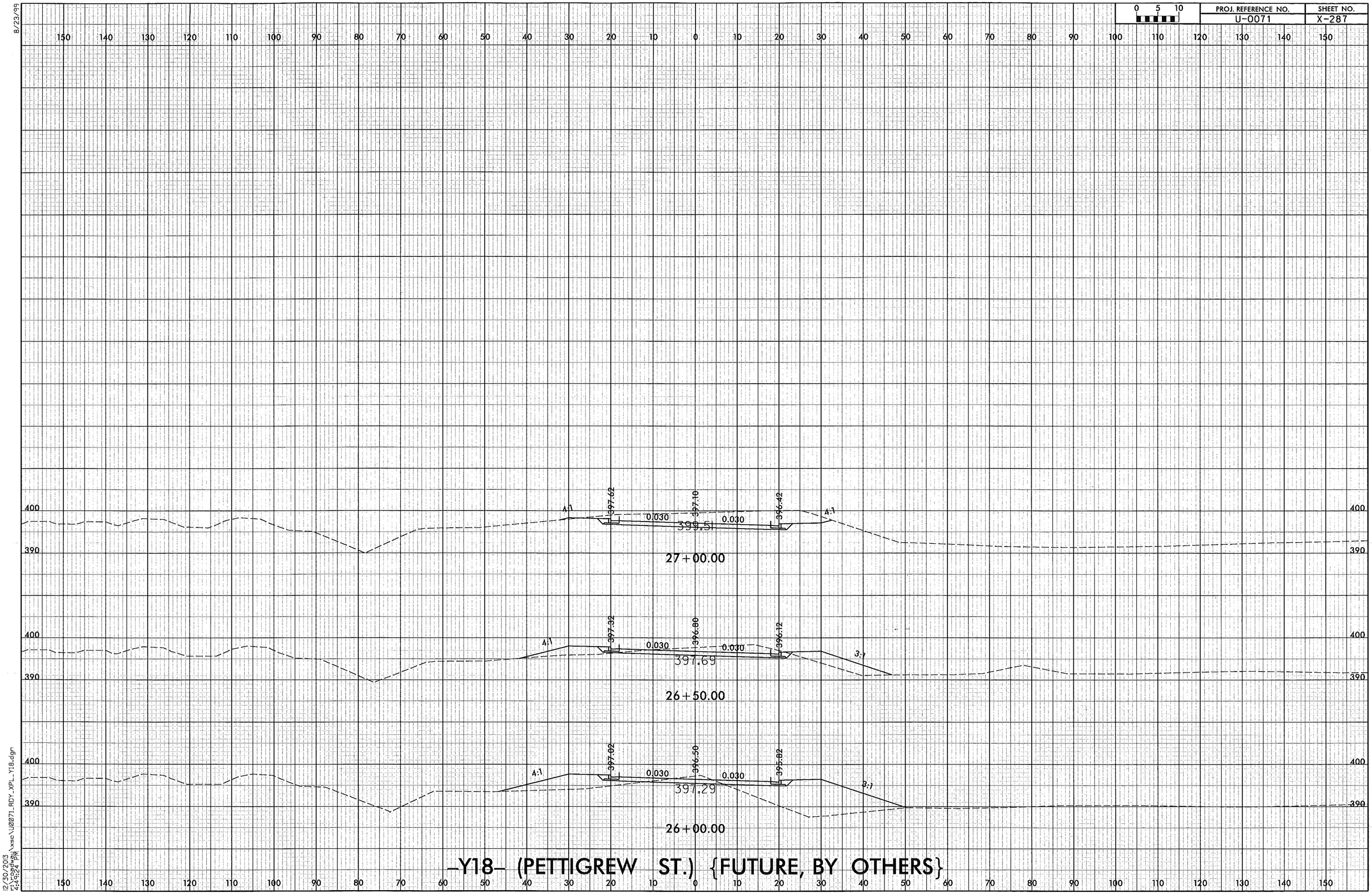
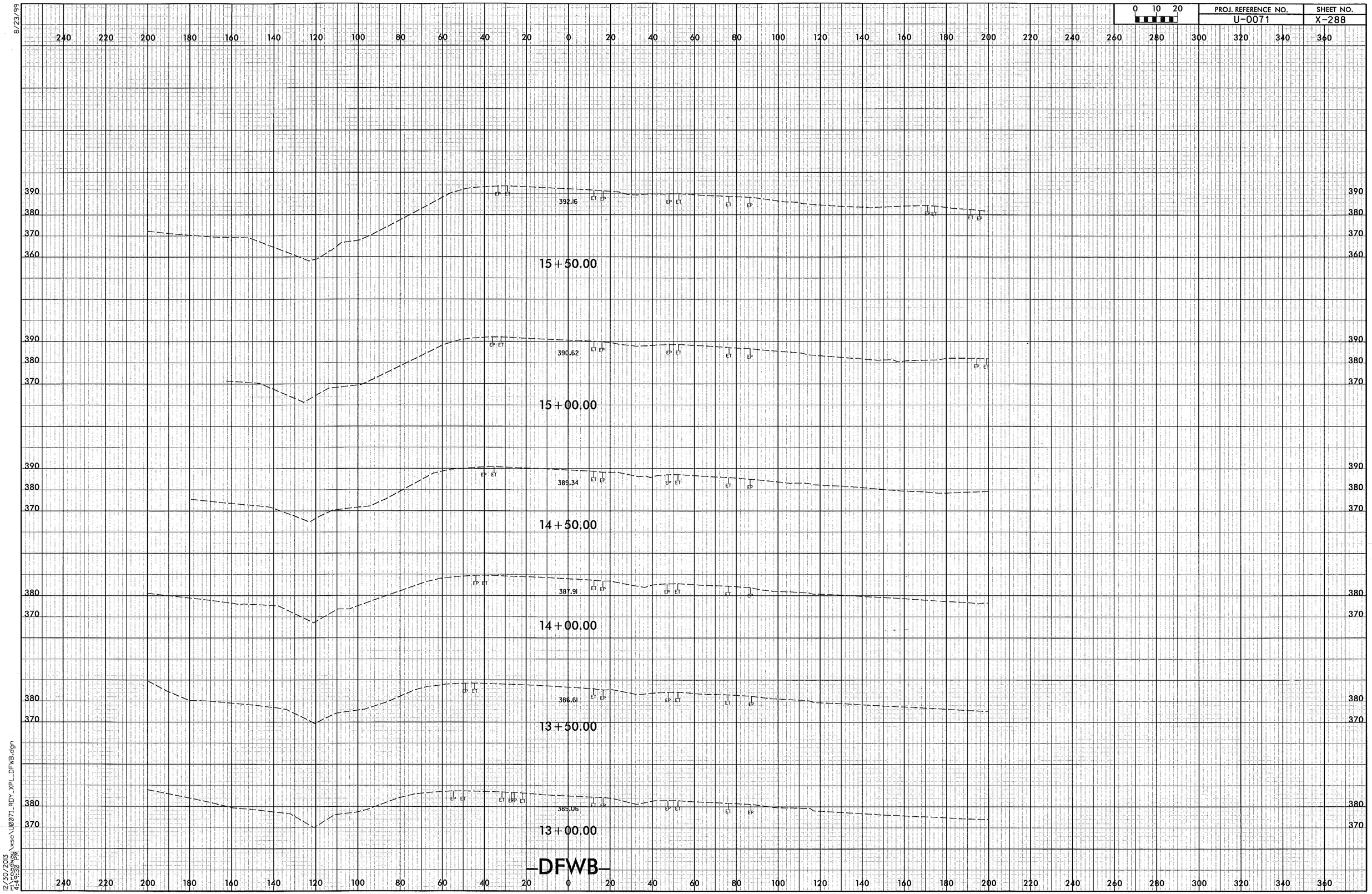
4:49:23 PM



–Y18– (PETTIGREW ST.) {FUTURE, BY OTHERS}



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4:49:30 PM

8/23/99

0 10 20

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-289

240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360

410 400 390 380 370

DFWB
18+00.00
395.69
399.02
EX. EX.
6:1 6:1
395.59
DFEB
15+22.77
EP ET ET EP ET EP ET EP EP ET

18+00.00

410 400 390 380 370

DFWB
17+50.00
397.61
397.56
EX. EX.
6:1 6:1
394.16
DFEB
14+73.60
EP ET ET EP ET EP ET EP EP ET

17+50.00

410 400 390 380 370

DFWB
17+00.00
396.18
396.13
EX. EX.
6:1 6:1
392.73
DFEB
14+24.42
EP ET ET EP ET EP ET EP EP ET

17+00.00

390 380 370

EP ET
394.68
ET EP EP ET ET EP EP ET ET EP

16+50.00

390 380 370 360

EP ET
393.55
ET EP EP ET ET EP EP ET ET EP

16+00.00

240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360

-DFWB-

12/30/2013
2:49:31 PM
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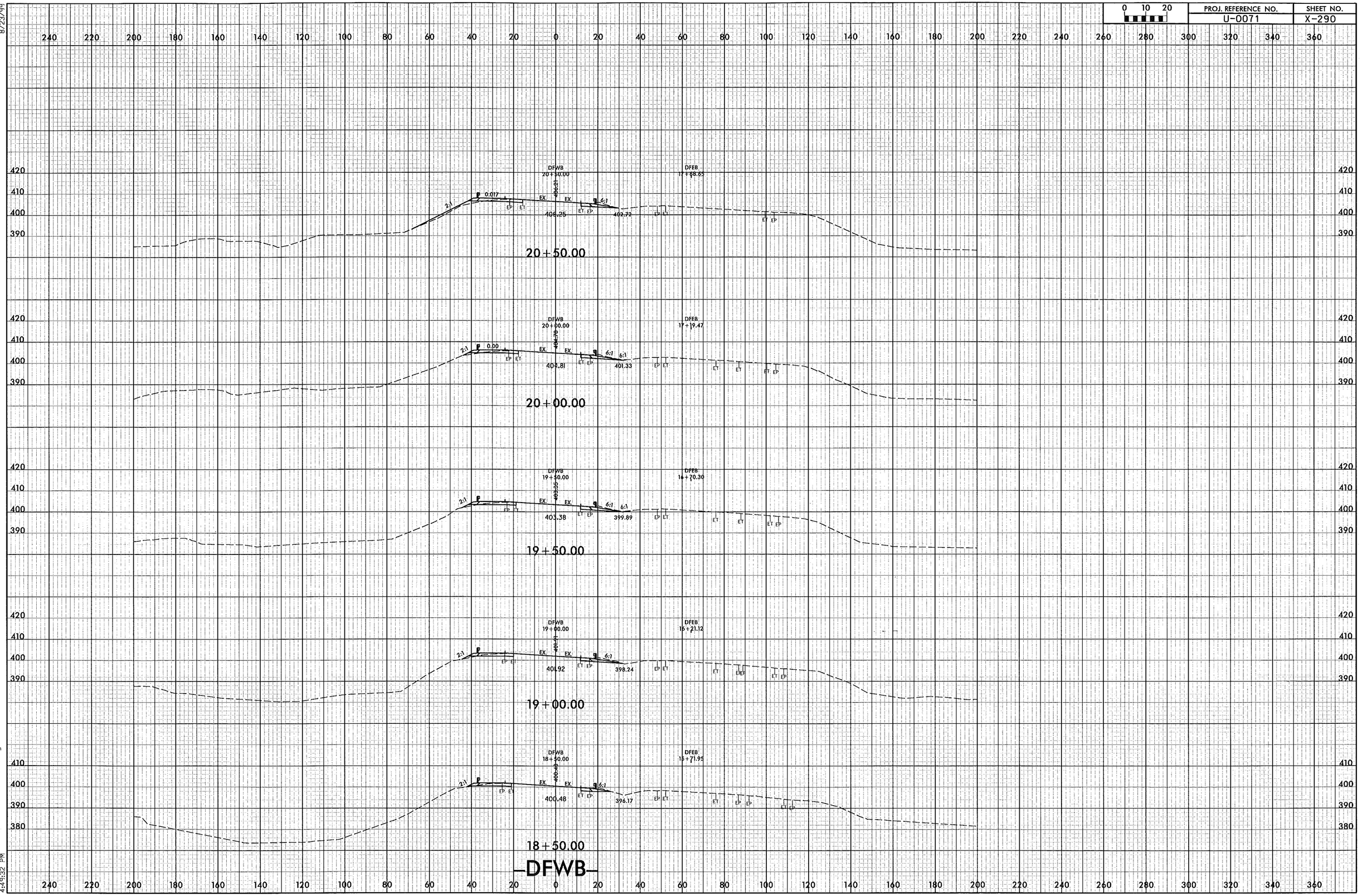
PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-290



8/23/99

12/30/2013
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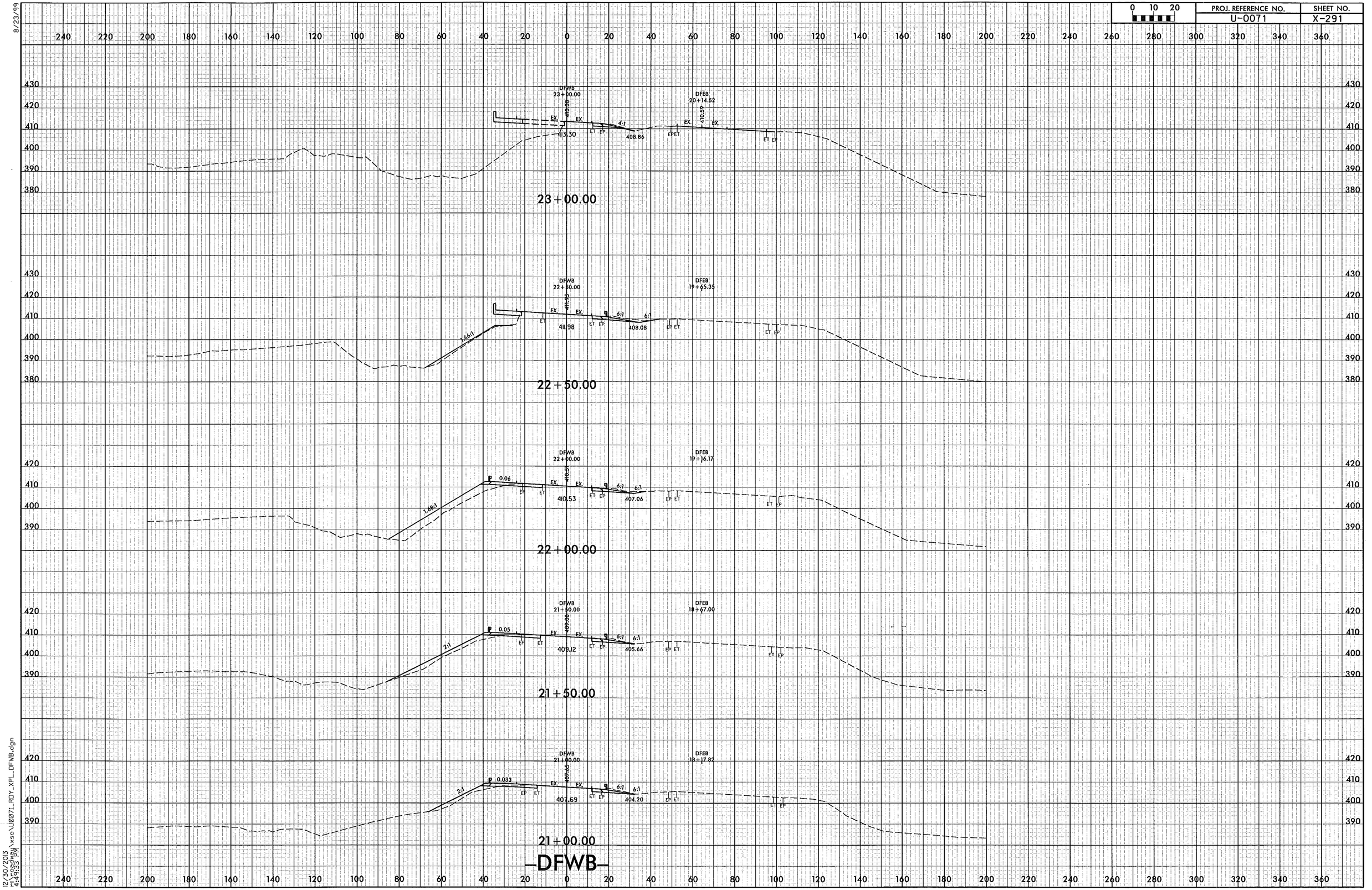
PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-291



8/23/99

12/30/2013
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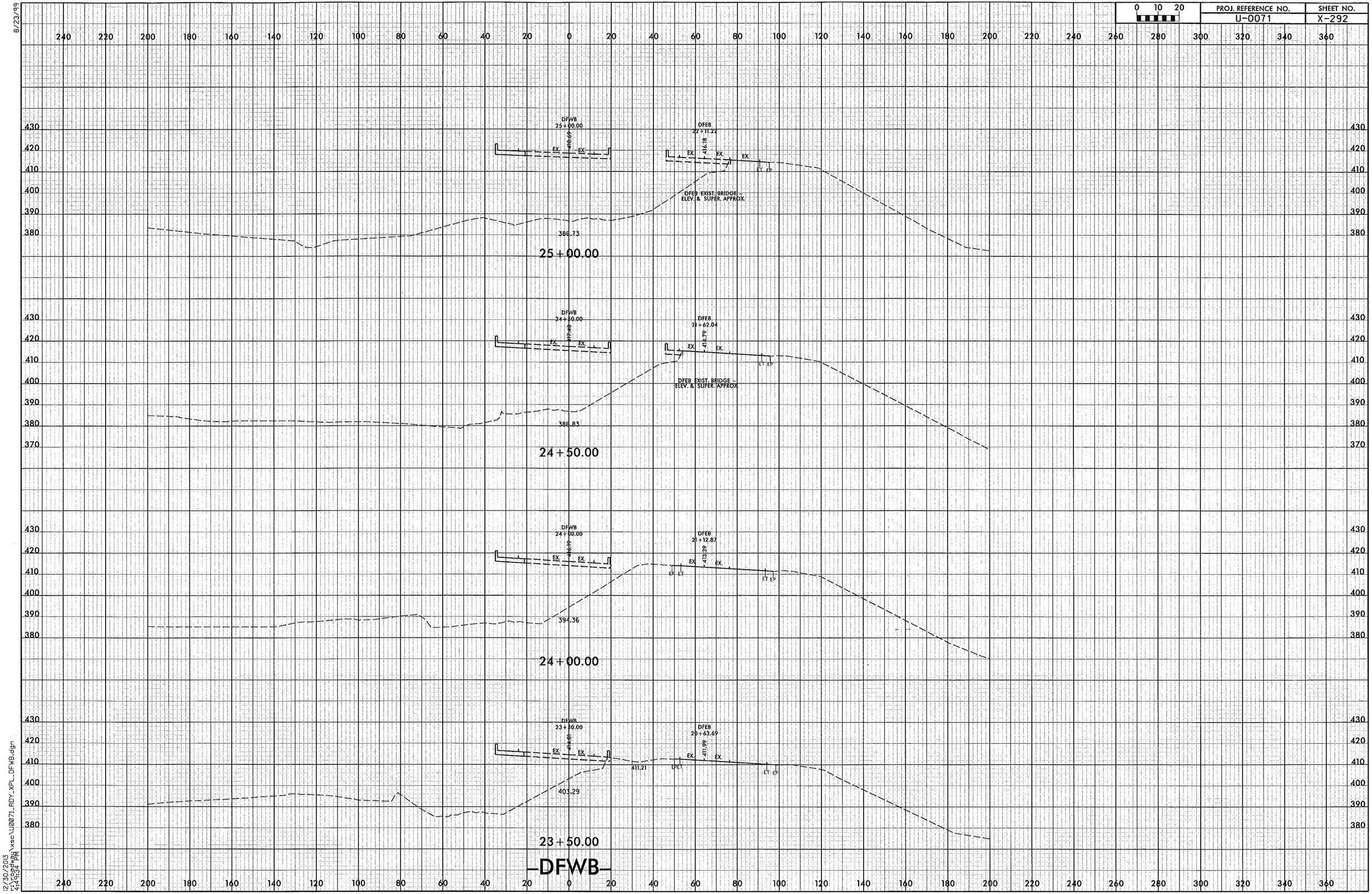
PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-292



8/23/99

12/30/2013
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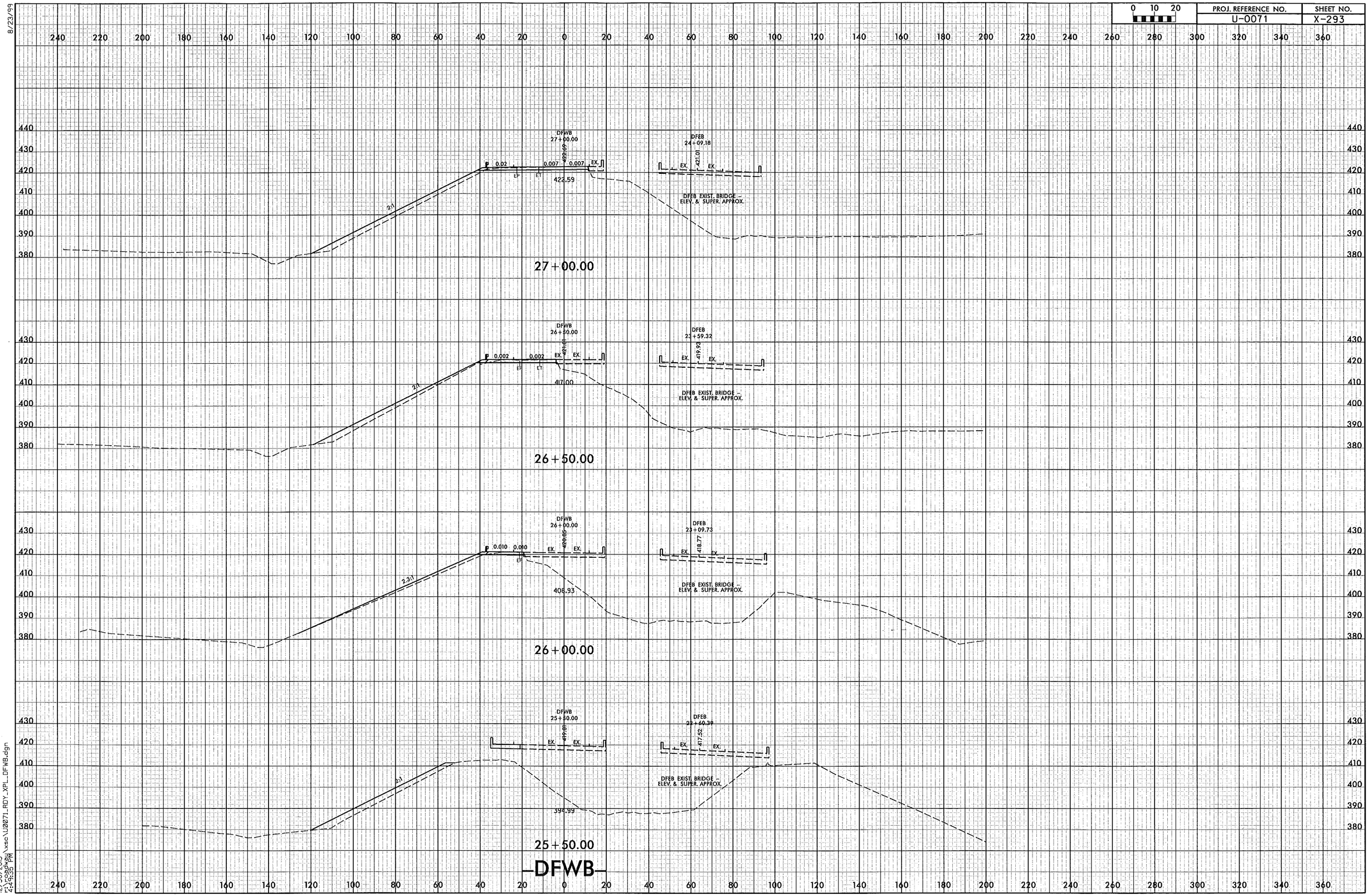
4:49:34 PM

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-293



8/23/99

12/30/2013
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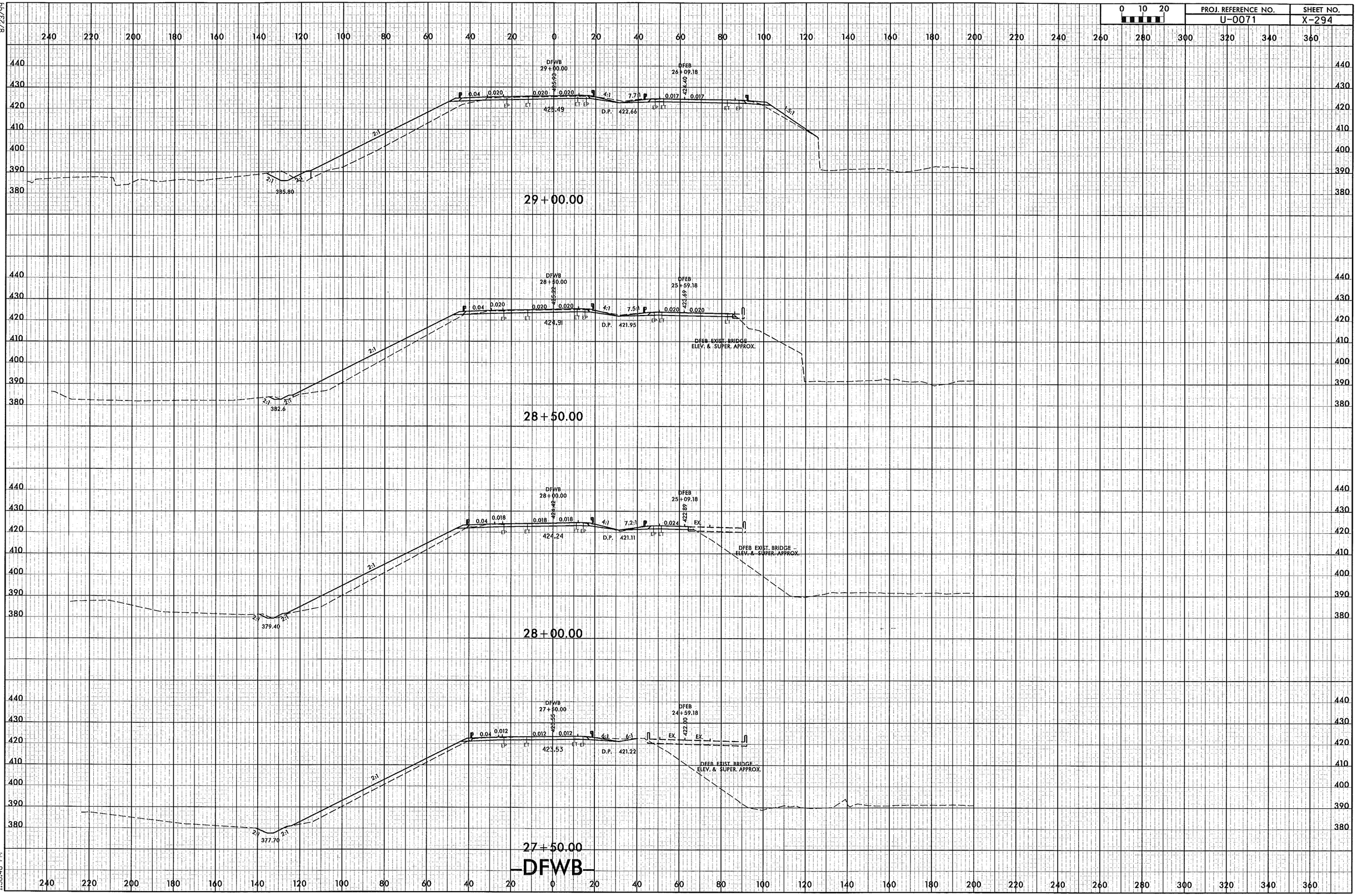
4:49:35 PM

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-294



1/28/2014
1:58:48 PM
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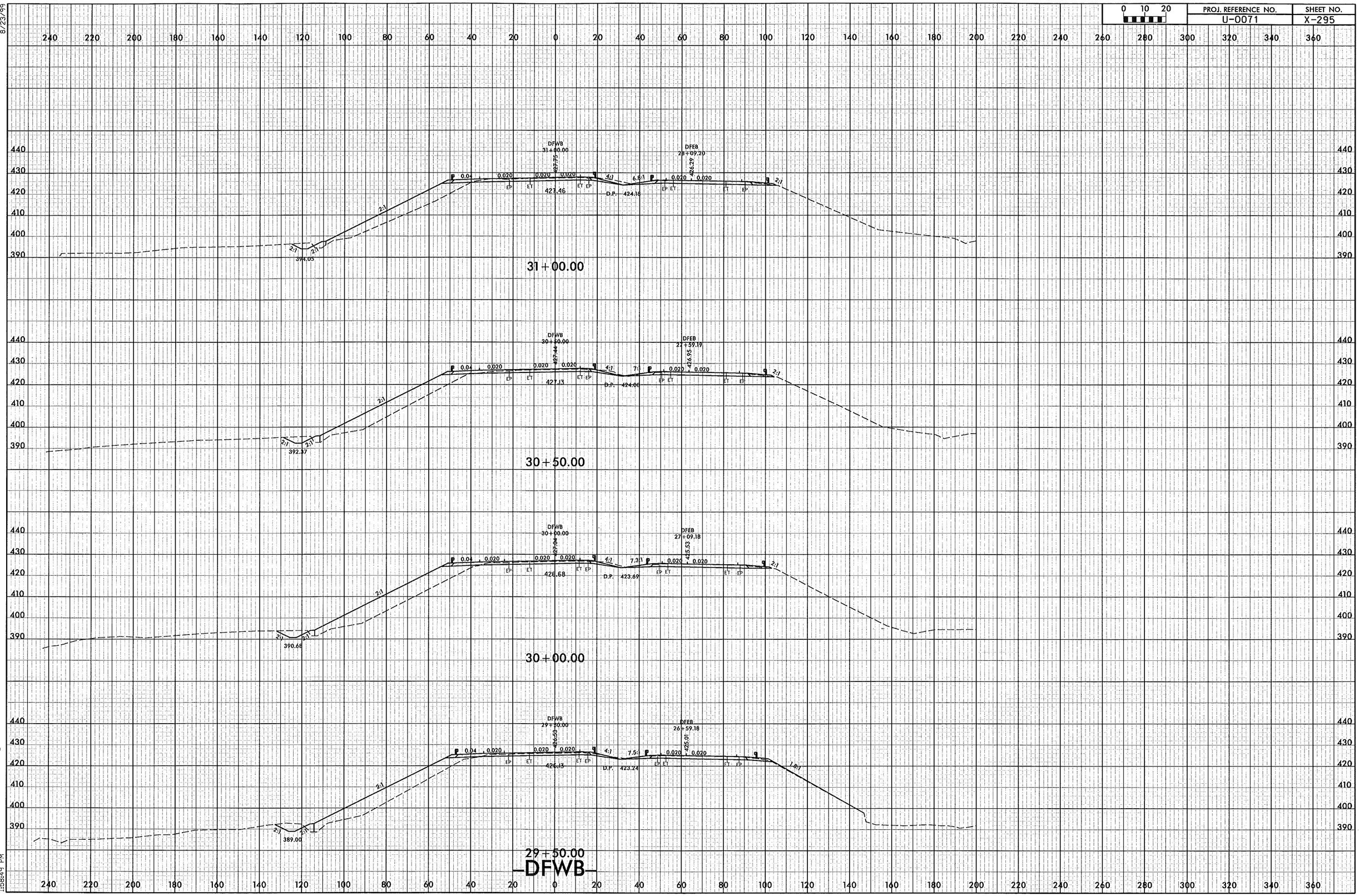
PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-295



8/23/99

1/28/2014
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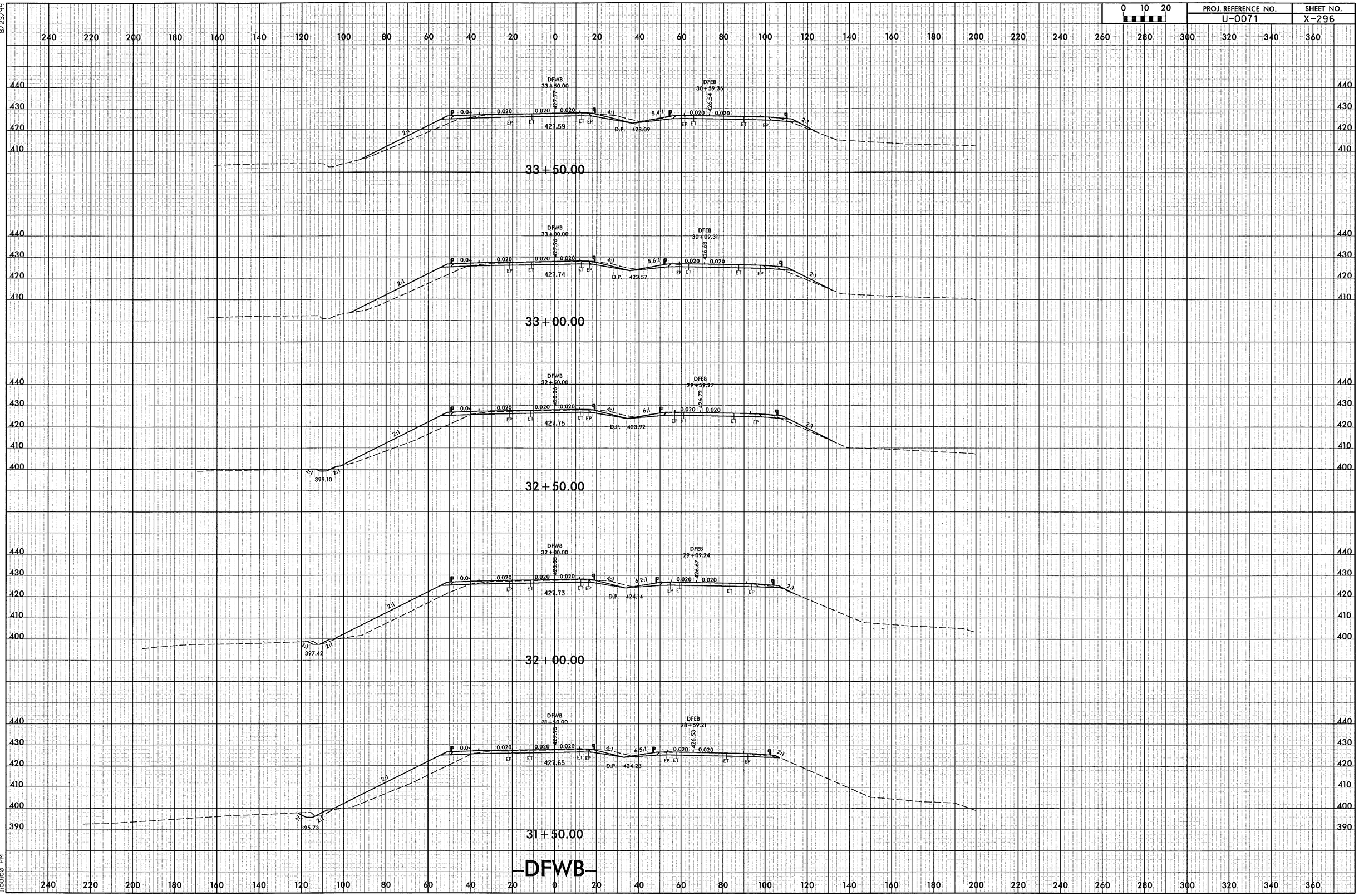

8/23/99

1/28/2014
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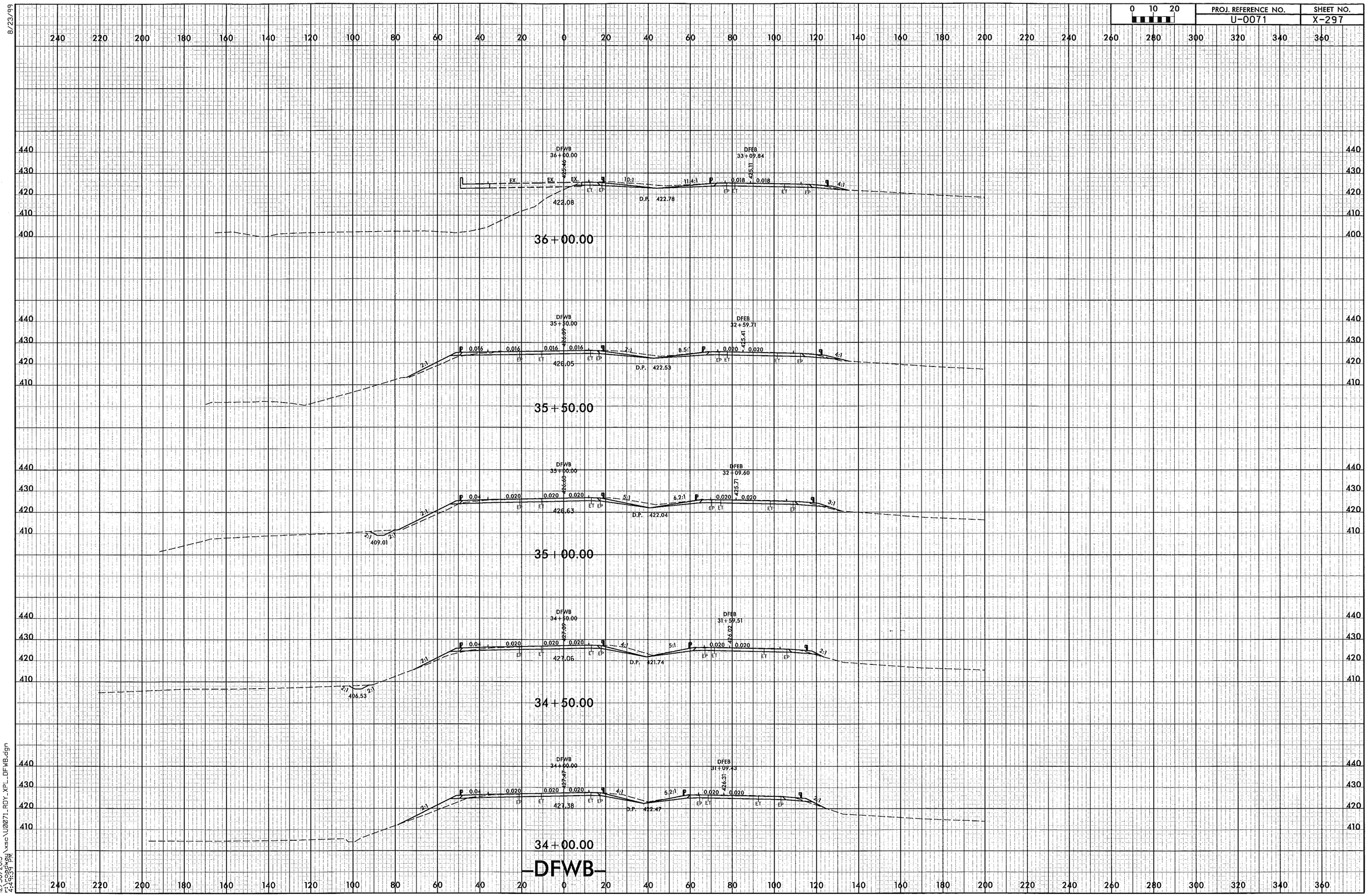
U-0071	X-297



8/23/99

12/30/2013
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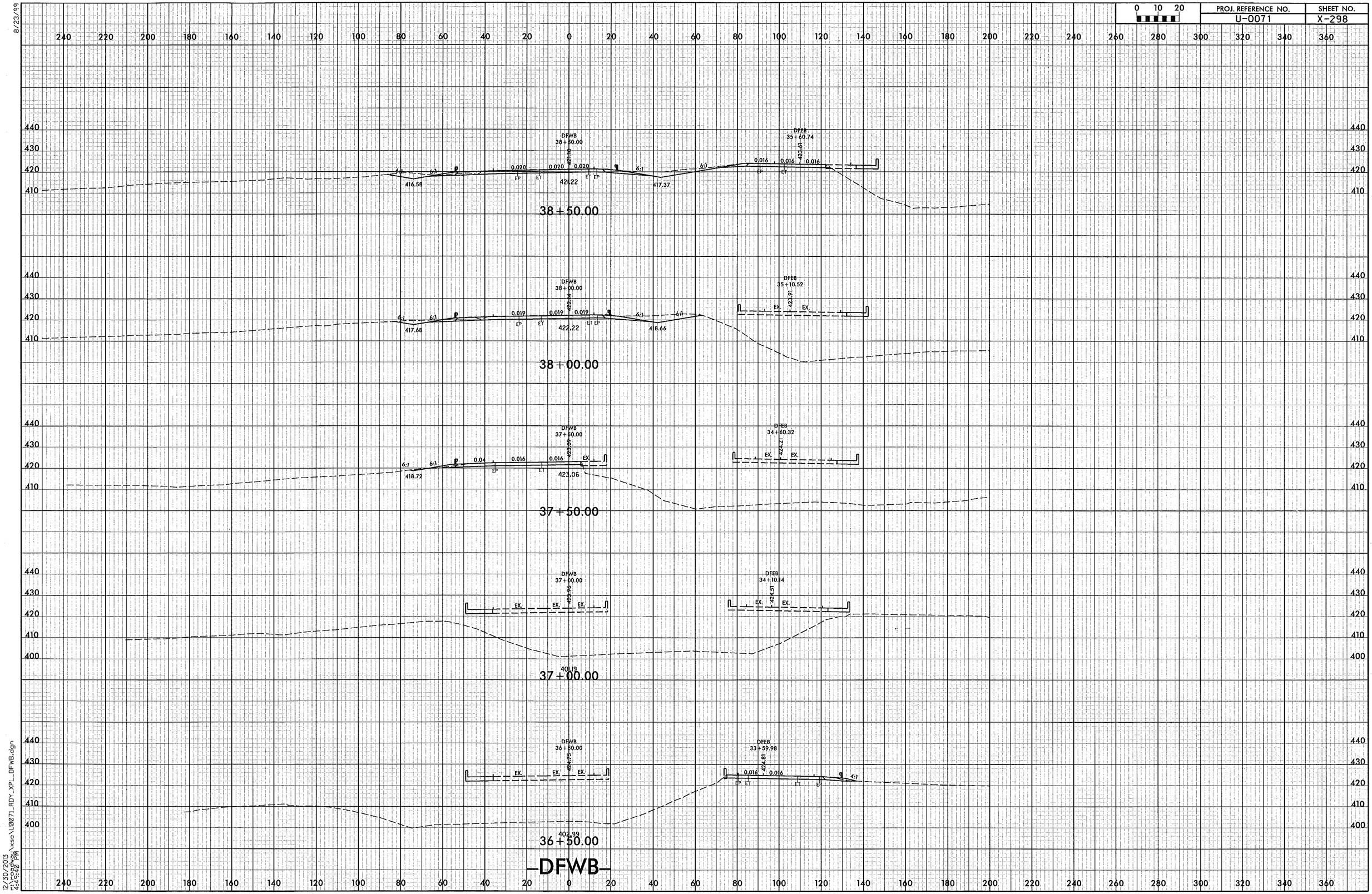
PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-298



8/23/99

12/30/2013
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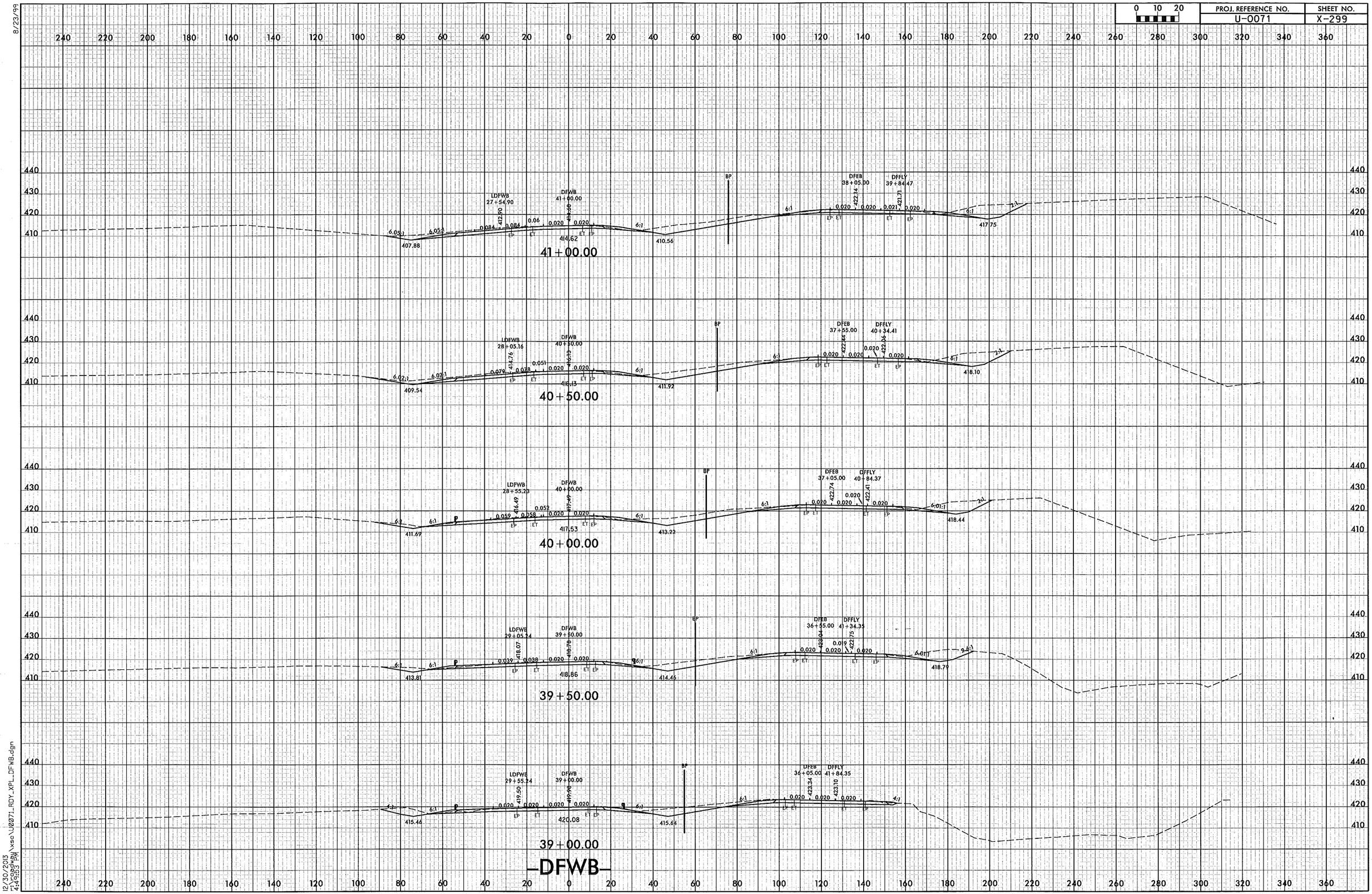
PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-299



8/23/99

12/30/2013
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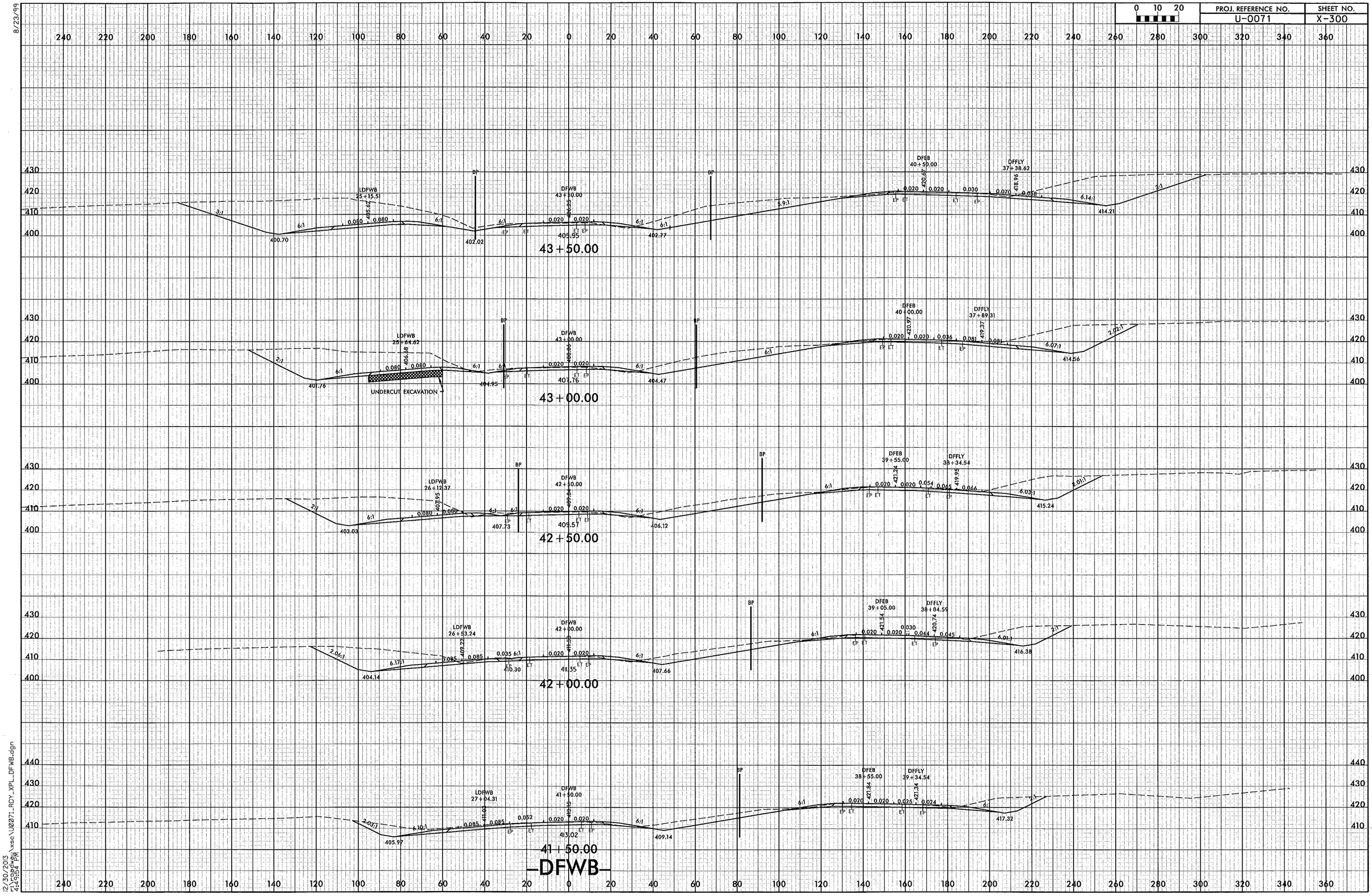
4:49:53 PM

8/23/99

0 10 20

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-300



12/30/2013
12:50:24 PM
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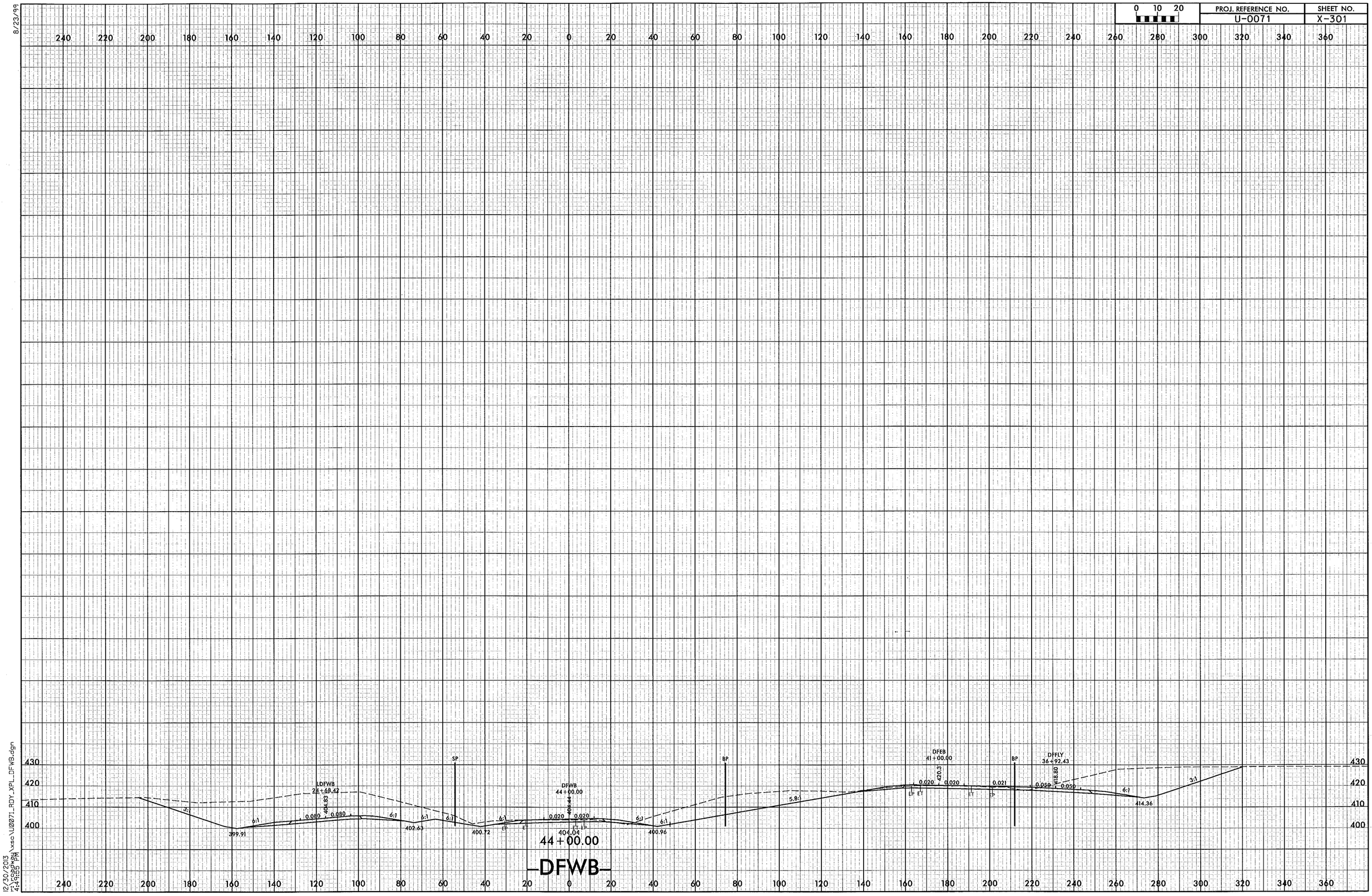
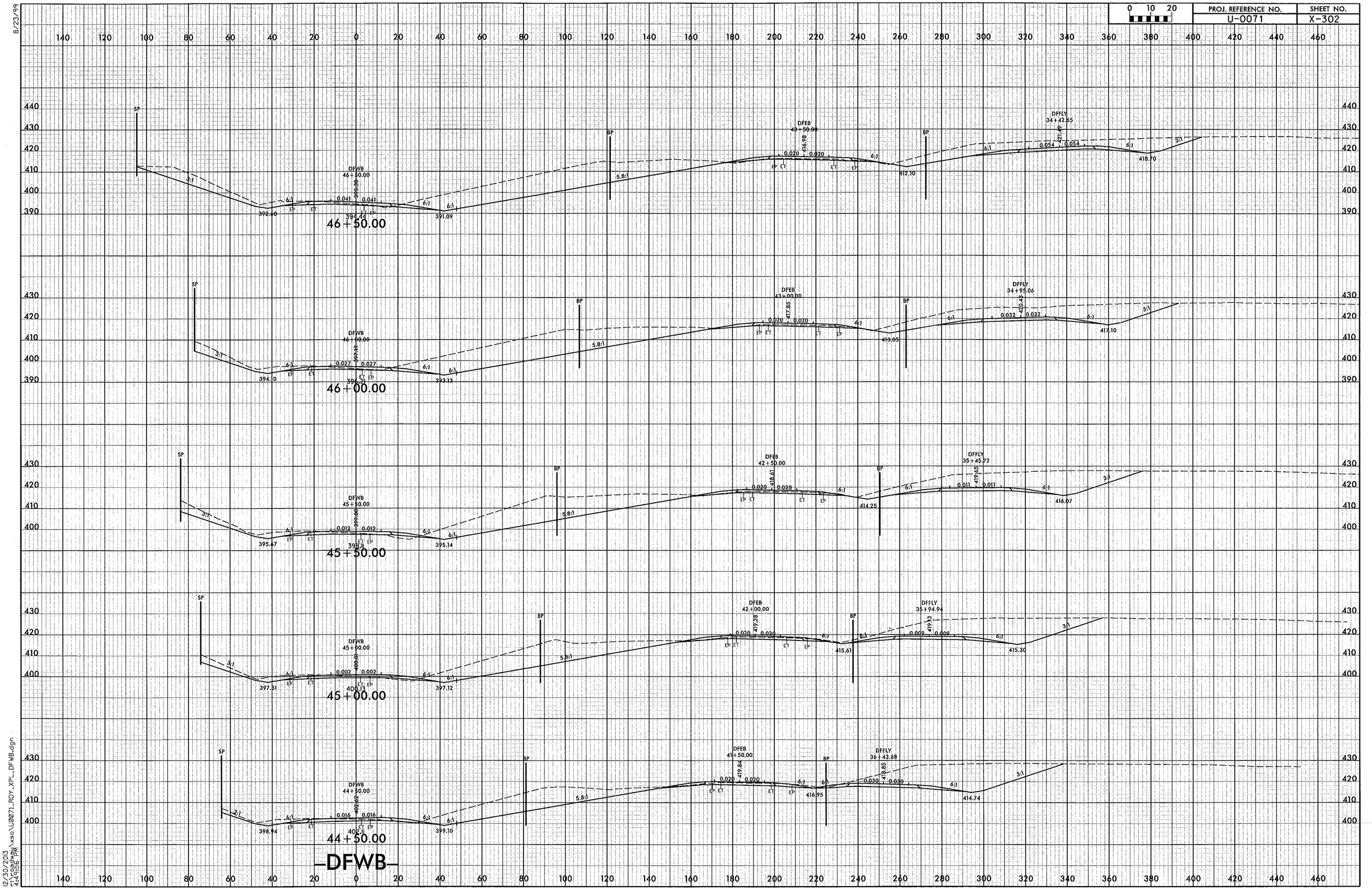


0 10 20
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-301
8/23/99
LDFWB
24+68.42
DFWB
44+00.00
DFEB
41+00.00
DFFLY
36+92.43
SP
BP
BP
44+00.00
-DFWB-
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_DFWB.dgn
4:49:55 PM

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-302



-DFWB-

8/23/99

12/30/2013
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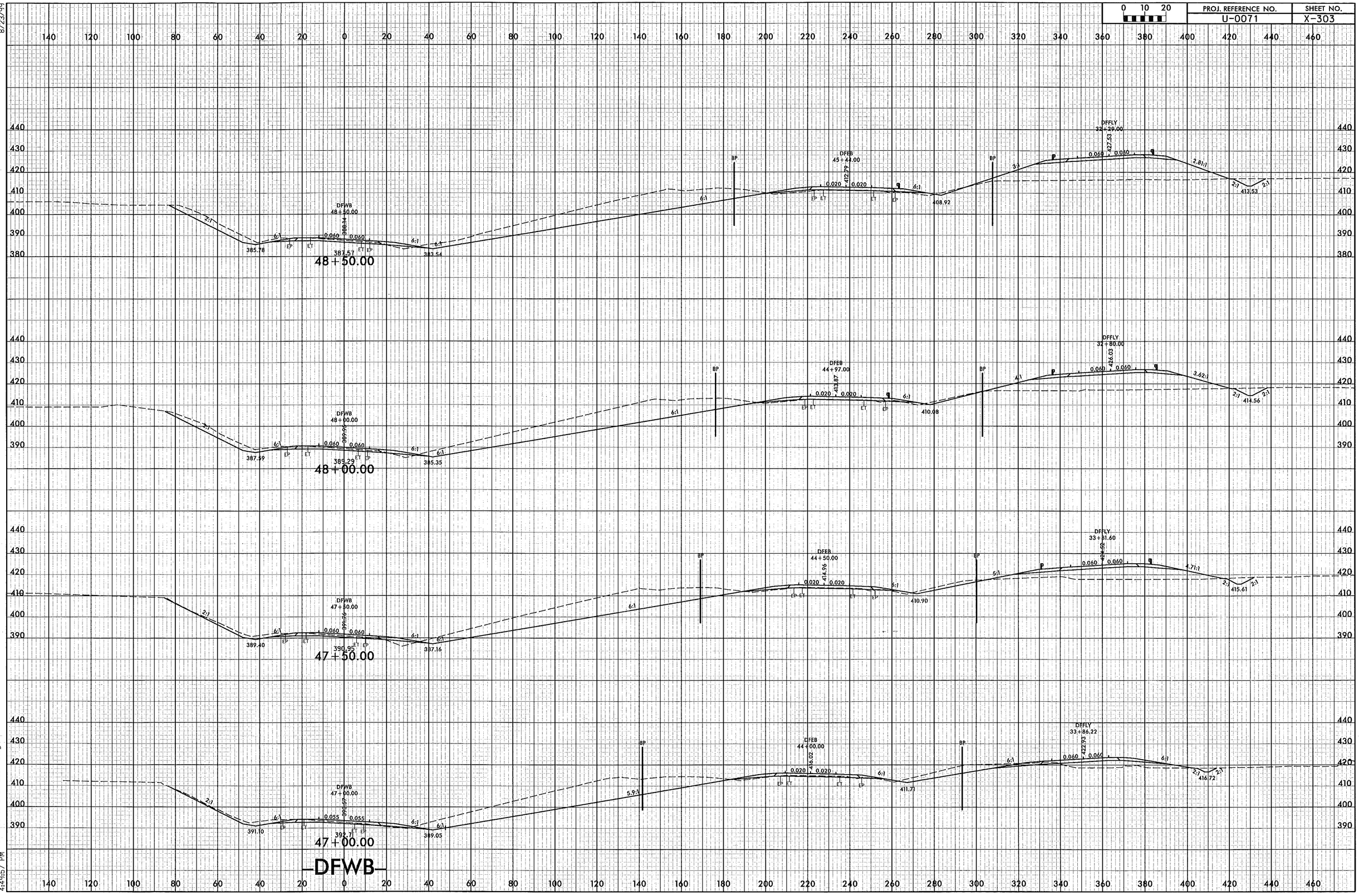
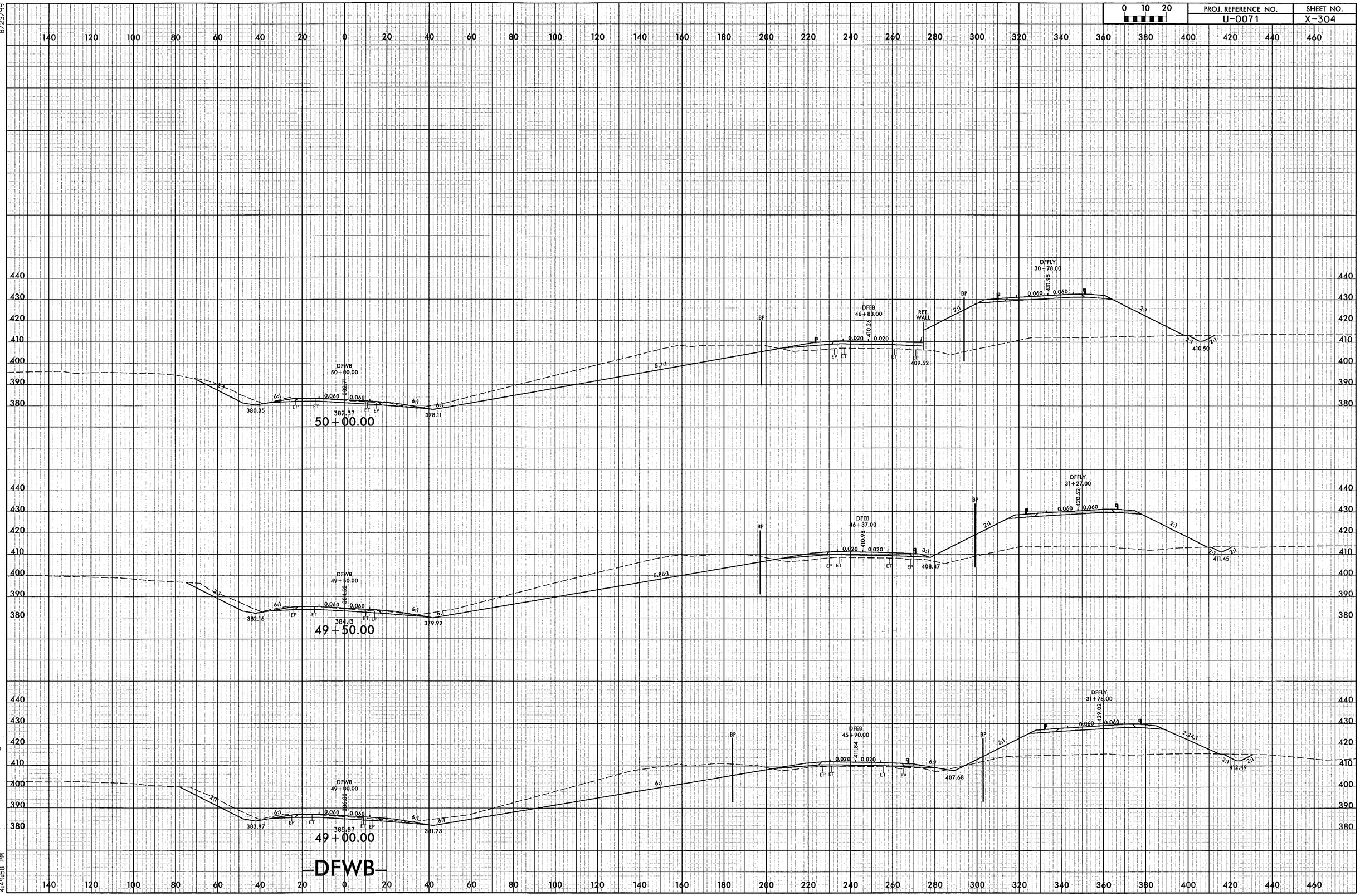


0 10 20
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-303
8/23/99
DFWB
48+50.00
48+00.00
47+50.00
47+00.00
DFEB
45+44.00
DFEB
44+97.00
DFEB
44+50.00
DFEB
44+00.00
DFFLY
32+29.00
DFFLY
32+80.00
DFFLY
33+31.60
DFFLY
33+86.22
BP
EP
ET
-DFWB-
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_DFWB.dgn
4:49:57 PM



0 10 20
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-304
8/23/99
DFWB
50+00.00
382.37
380.35
378.11
5.7:1
DFEB
46+83.00
410.26
409.52
RET. WALL
DFFLY
30+78.00
431.95
410.50
50+00.00
DFWB
49+50.00
384.13
382.16
379.92
5.88:1
DFEB
46+37.00
410.98
408.47
DFFLY
31+27.00
430.52
411.45
49+50.00
DFWB
49+00.00
385.87
383.97
381.73
DFEB
45+90.00
411.84
407.68
DFFLY
31+78.00
429.02
412.49
49+00.00
-DFWB-
12/30/2013
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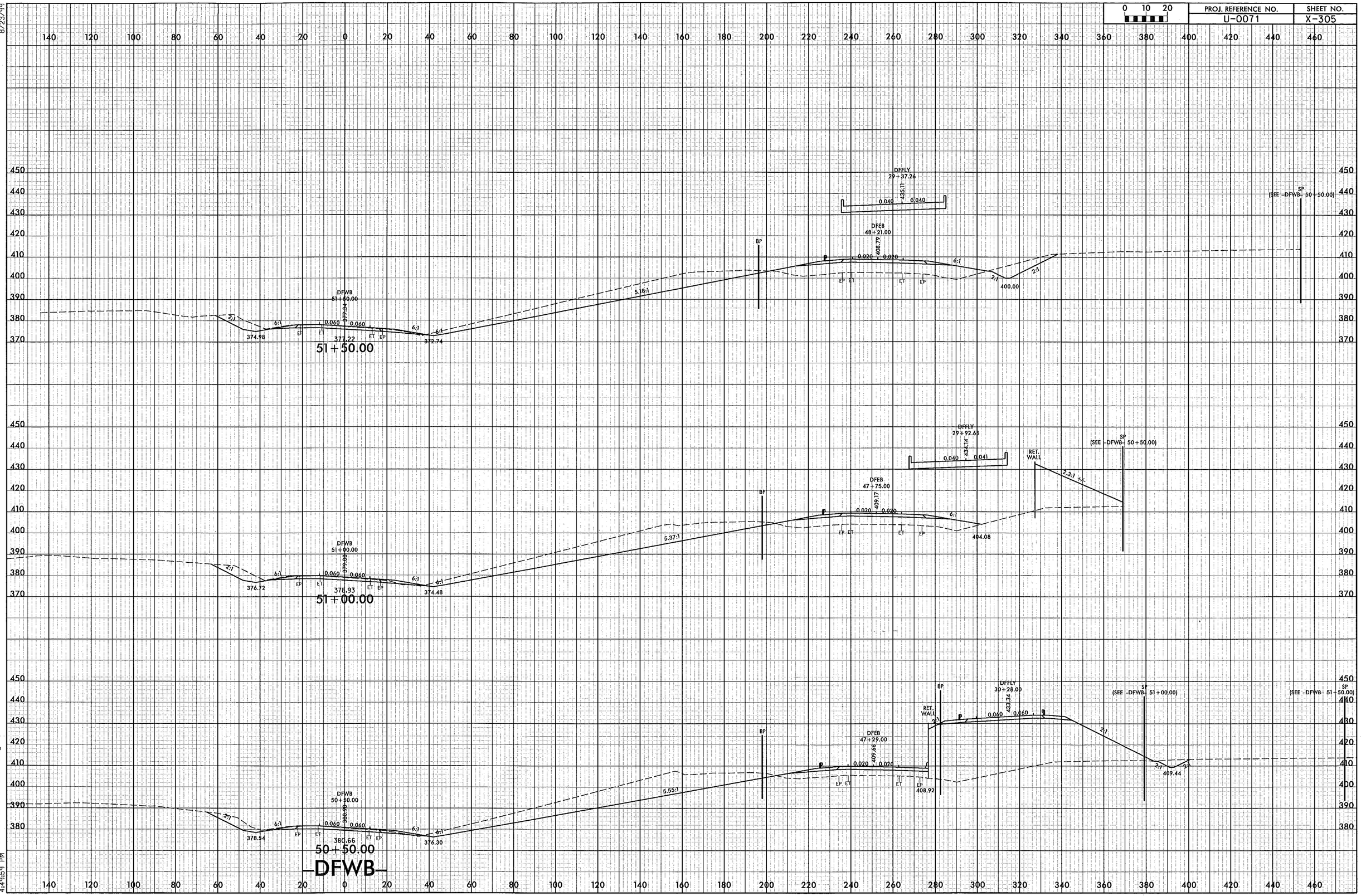
4:49:58 PM

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-305



8/23/99

12/30/2013
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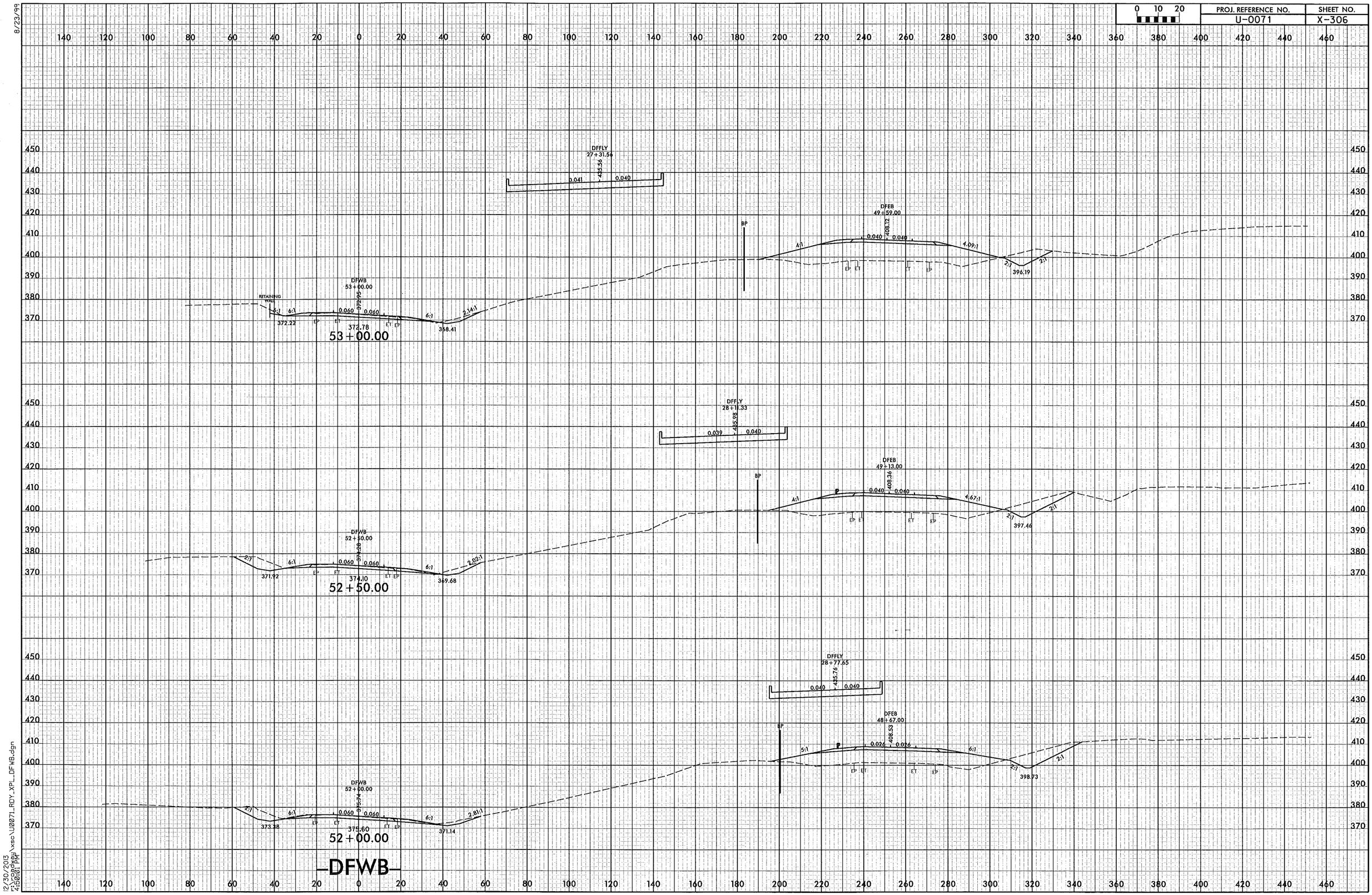
4:49:59 PM



0 10 20
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-306
8/23/99
DFFLY
27+31.56
435.56
0.041
0.040
DFEB
49+59.00
408.12
0.040
0.040
4:1
4.09:1
2:1
2:1
396.19
BP
DFWB
53+00.00
372.95
RETAINING WALL
6:1
6:1
0.060
0.060
6:1
2.14:1
372.22
372.78
358.41
53+00.00
DFFLY
28+11.33
435.98
0.039
0.040
DFEB
49+13.00
408.36
0.040
0.040
4:1
4.67:1
2:1
2:1
397.46
DFWB
52+50.00
374.20
2:1
6:1
0.060
0.060
6:1
2.02:1
371.92
374.10
369.68
52+50.00
DFFLY
28+77.65
435.76
0.040
0.040
DFEB
48+67.00
408.53
0.026
0.026
5:1
6:1
2:1
2:1
398.73
DFWB
52+00.00
375.74
2:1
6:1
0.060
0.060
6:1
2.81:1
373.38
375.60
371.14
52+00.00
-DFWB-
12/30/2013
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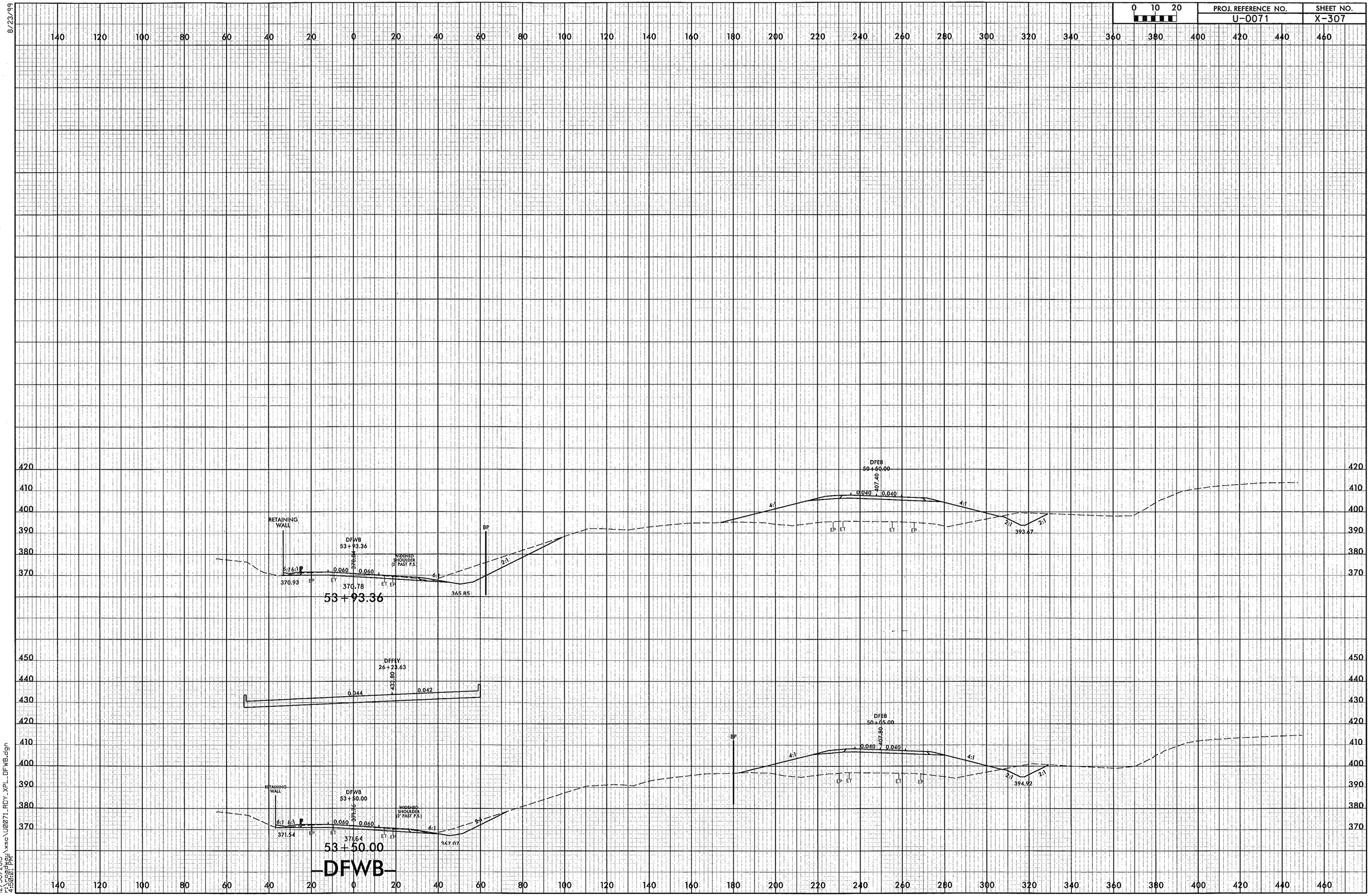
4:50:01 PM

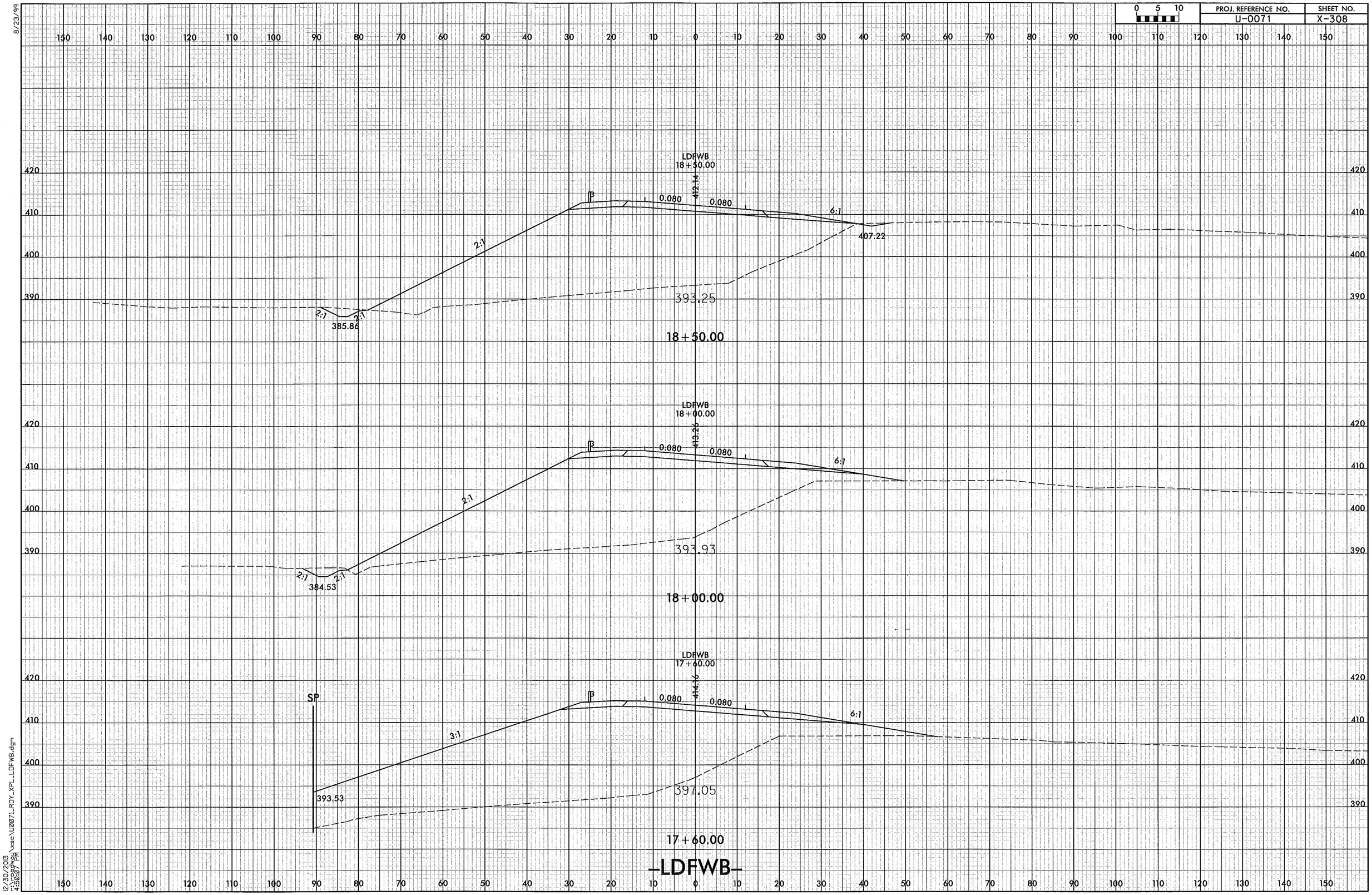
8/23/99

0 10 20

PROJ. REFERENCE NO.	SHEET NO.
U-0071	X-307



12/30/2013
4:50:08 PM
\\sc\U0071.RDY_XPL_DFWB.dgn



8/23/99

12/30/2013
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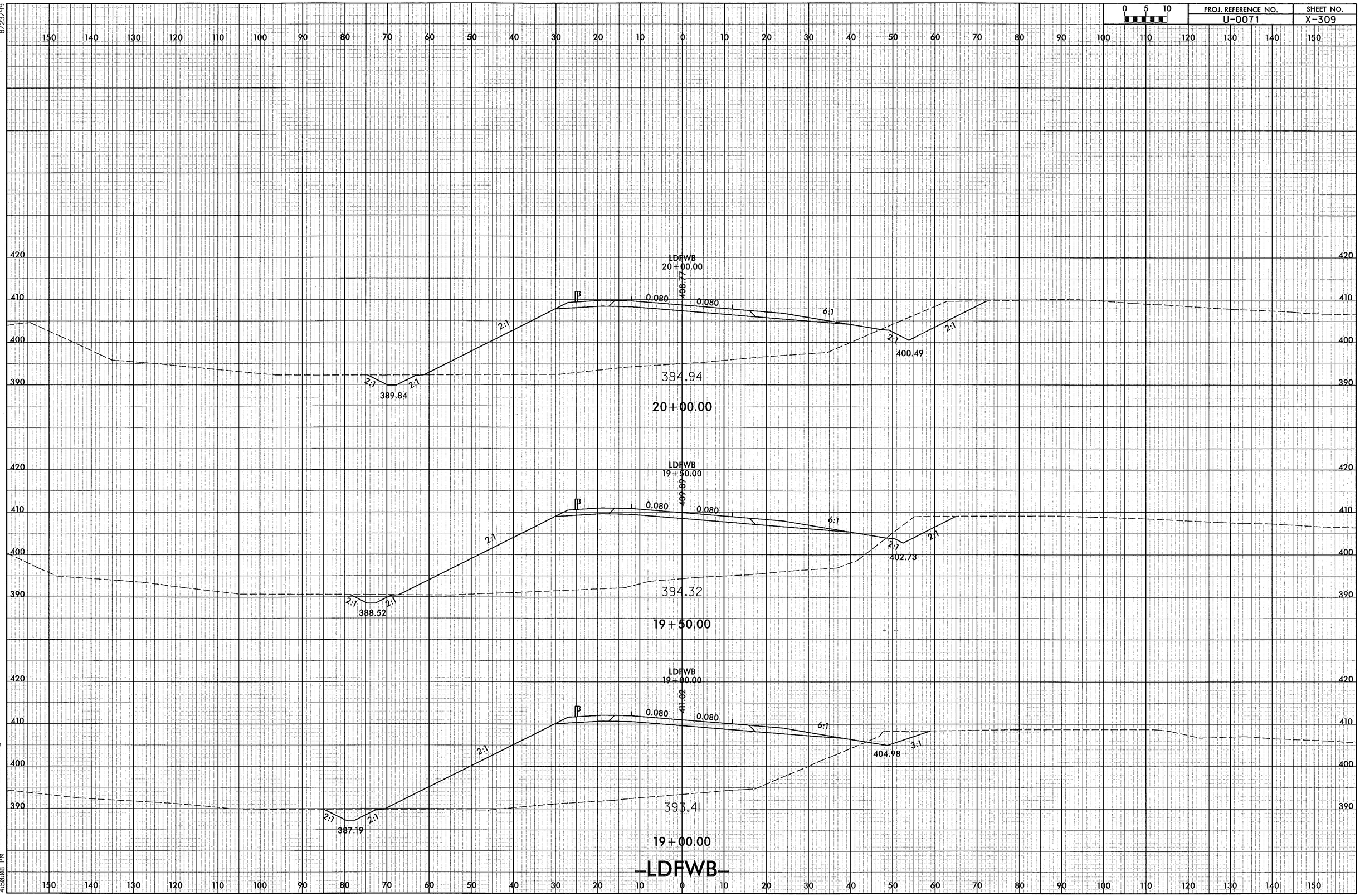

8/23/99

12/30/2013
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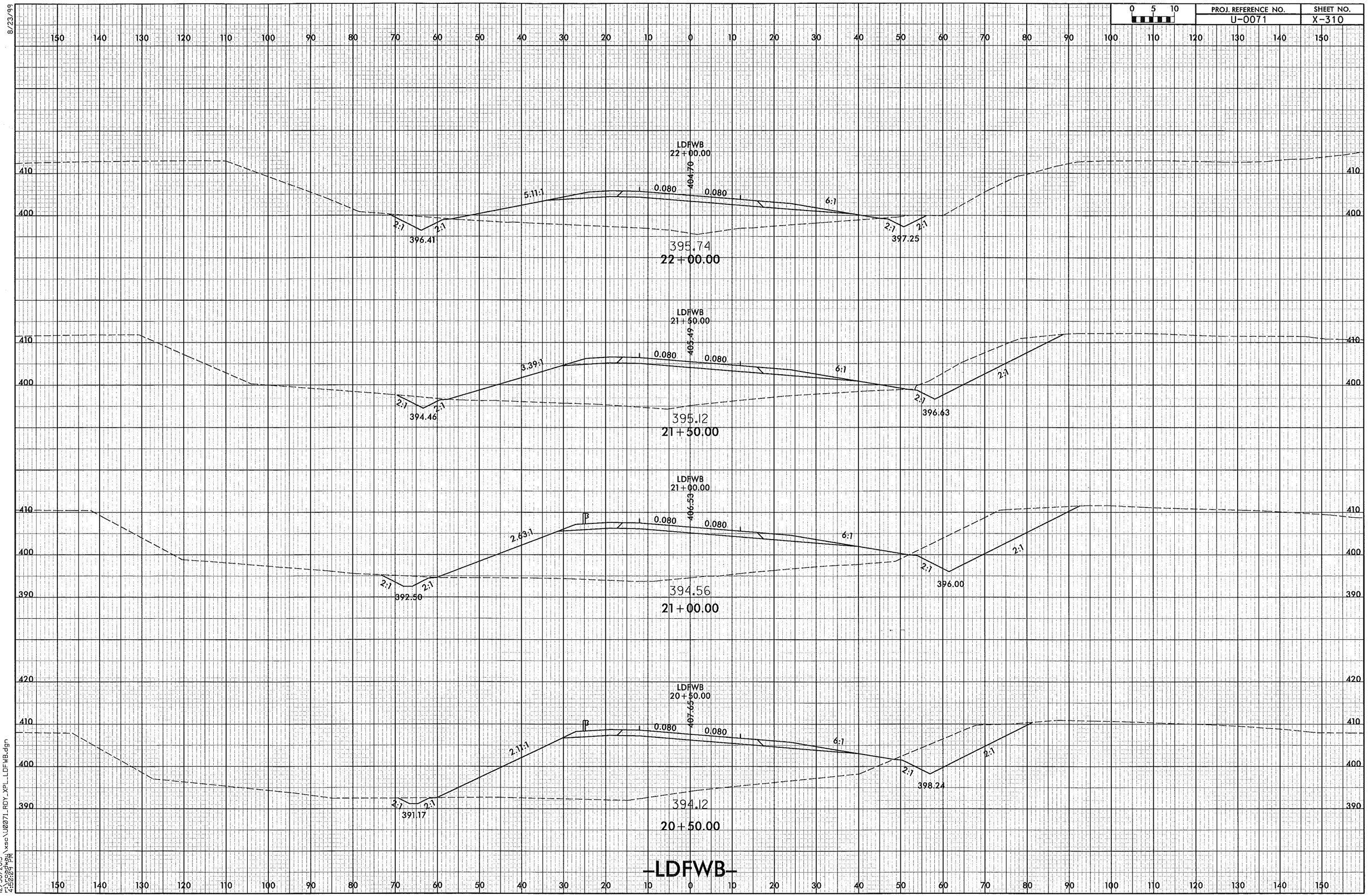
PROJ. REFERENCE NO. U-0071
SHEET NO. X-310



8/23/99

12/30/2013
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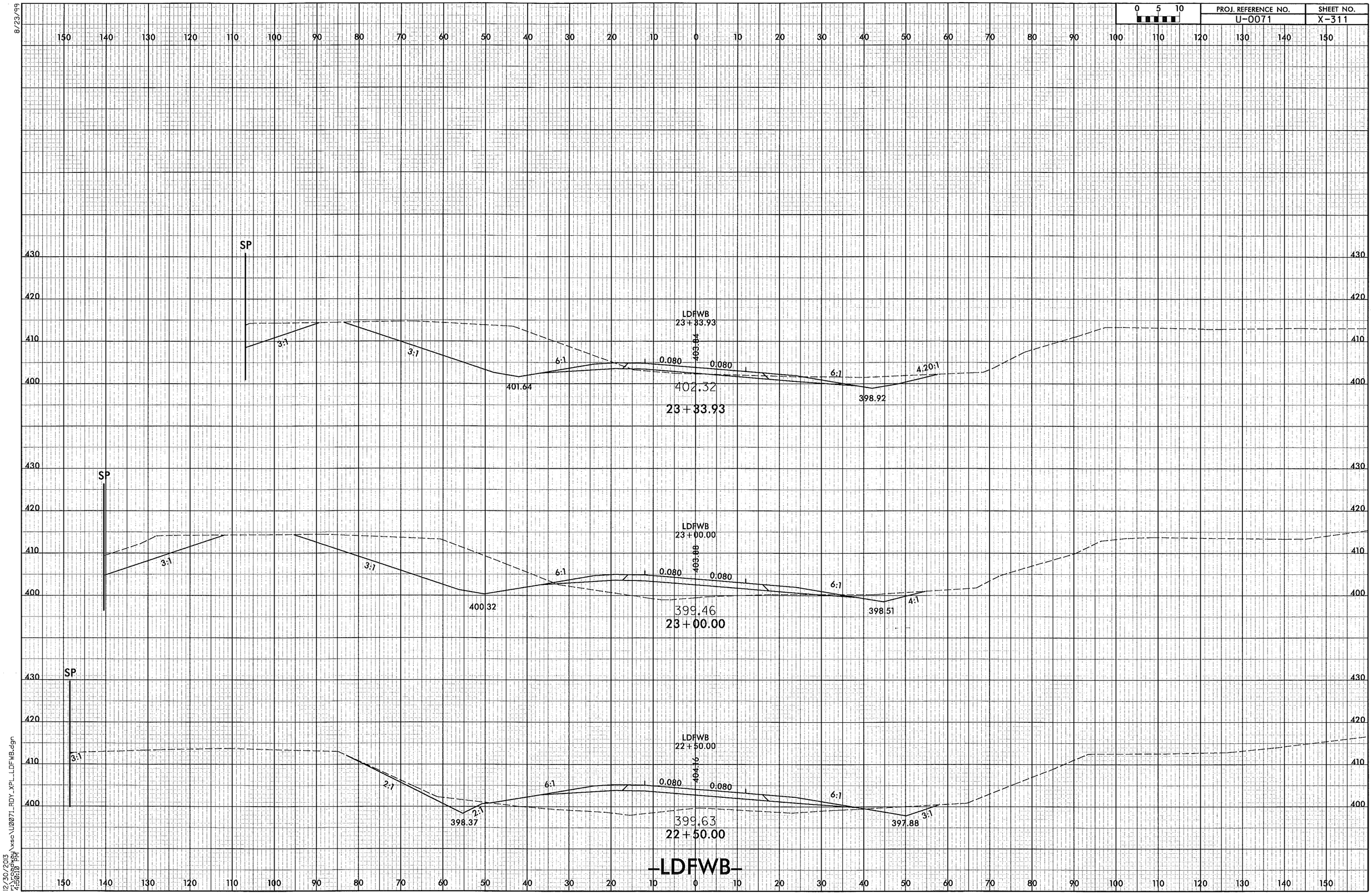
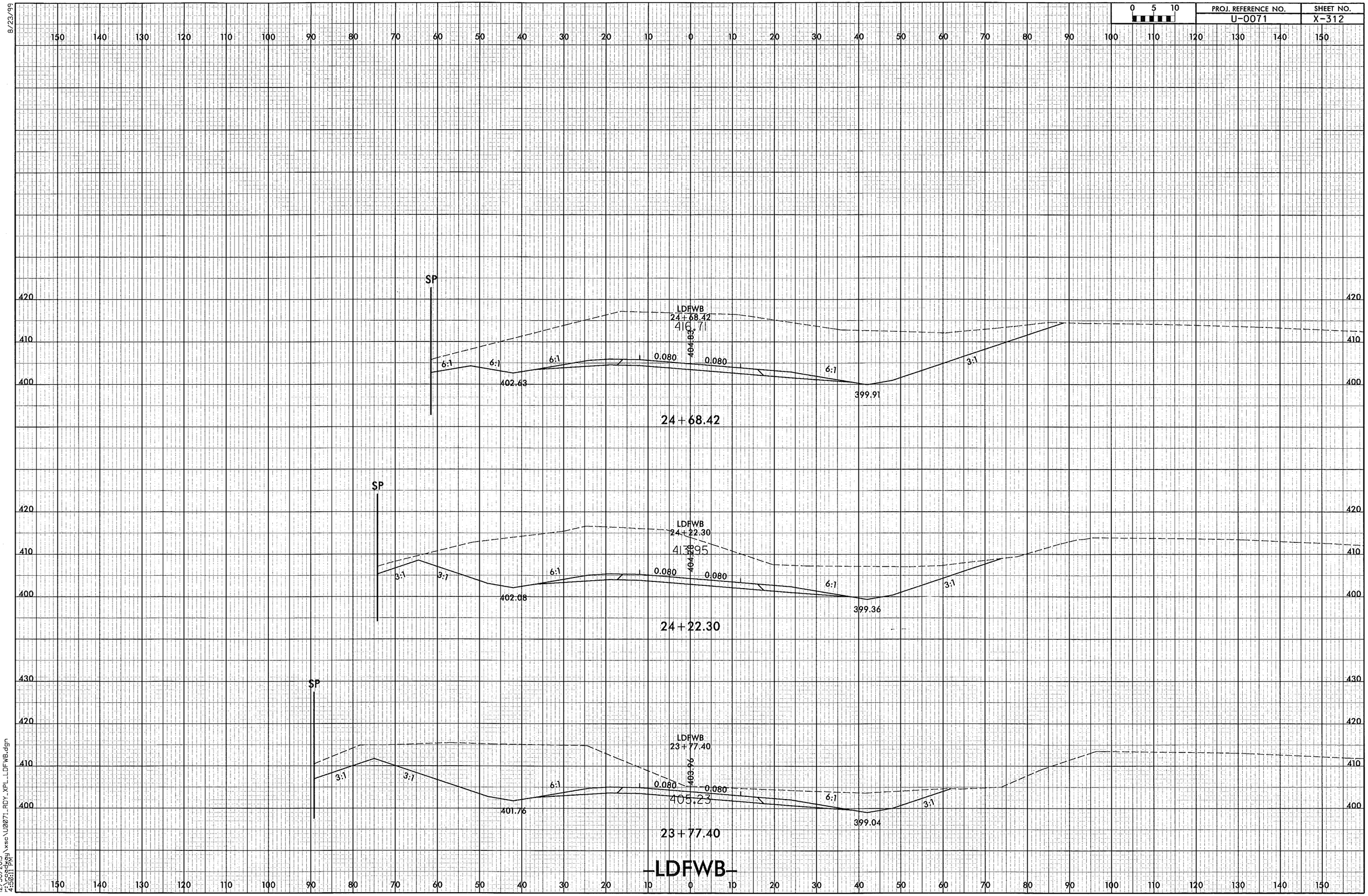
4:50:09 PM



PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-311
0 5 10
SP
LDFWB
23+33.93
403.84
3:1
3:1
6:1
0.080
0.080
6:1
4.20:1
401.64
402.32
398.92
23+33.93
SP
LDFWB
23+00.00
403.88
3:1
3:1
6:1
0.080
0.080
6:1
4:1
400.32
399.46
398.51
23+00.00
SP
LDFWB
22+50.00
404.16
3:1
2:1
2:1
6:1
0.080
0.080
6:1
3:1
398.37
399.63
397.88
22+50.00
-LDFWB-
8/23/99
12/30/2013
r:\roadway\xsc\U0071_RDY_XPL_LDFWB.dgn
4:50:10 PM



8/23/99

12/30/2013
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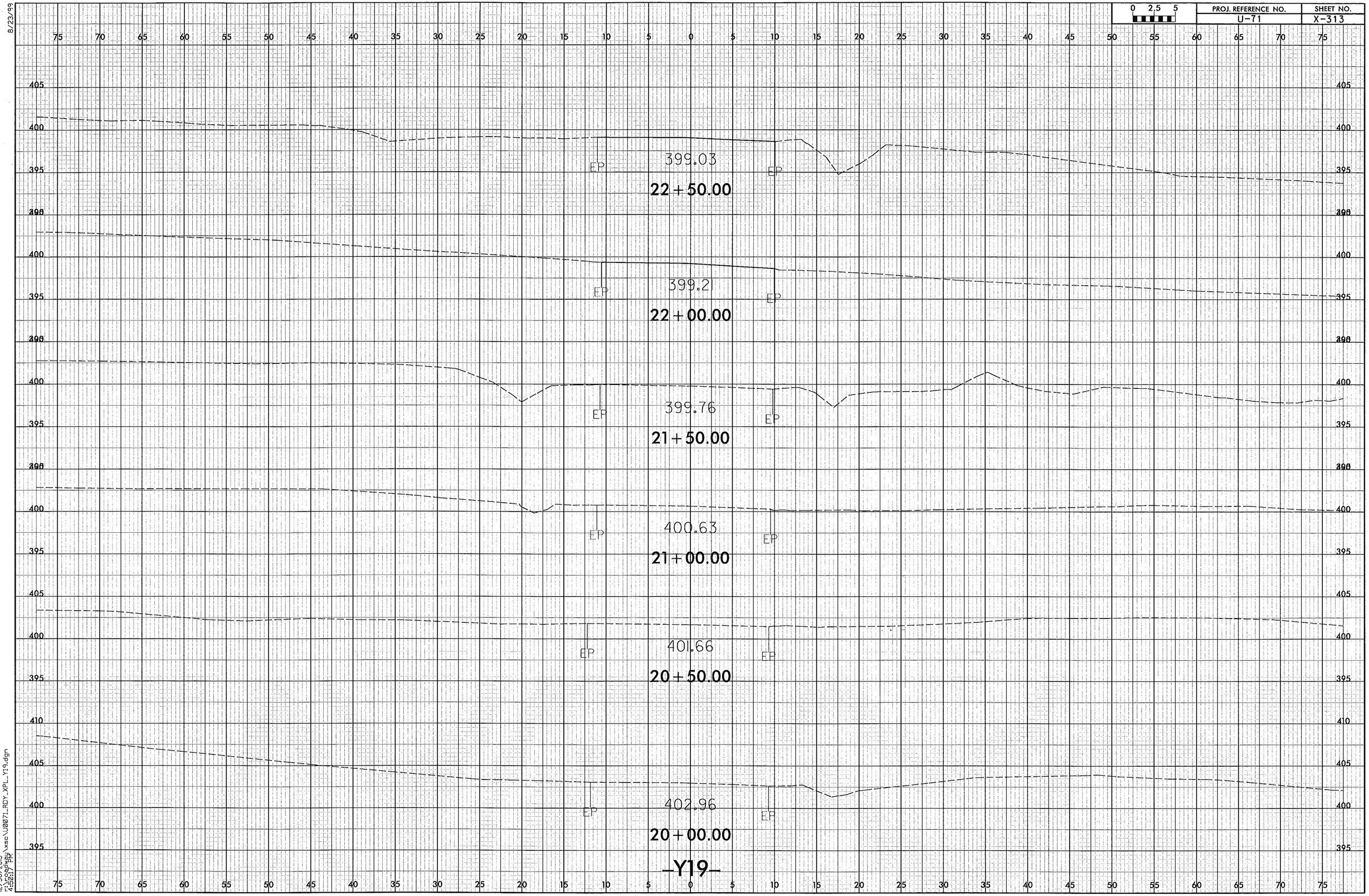

8/23/99

12/30/2013
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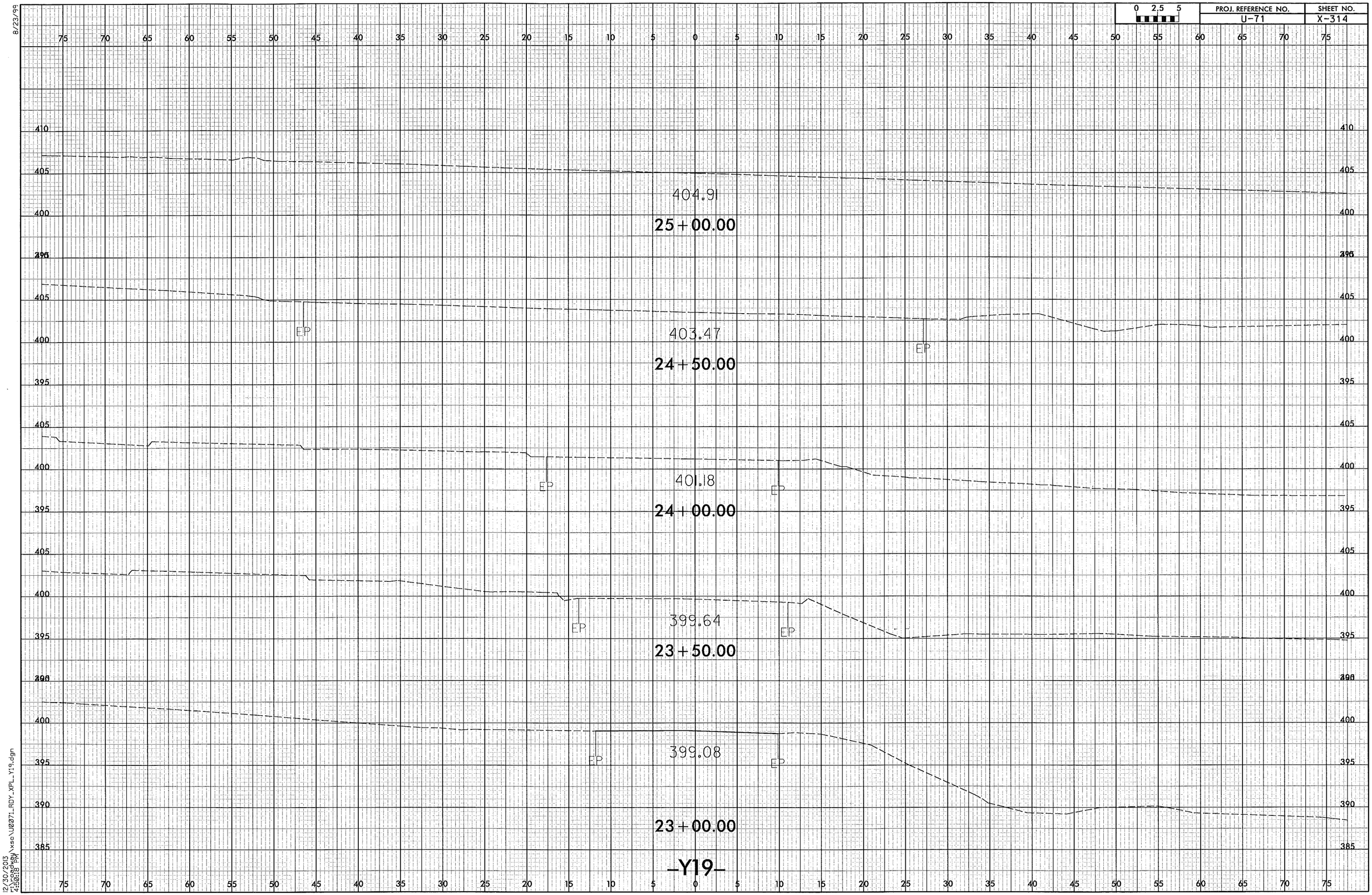

8/23/99

12/30/2013
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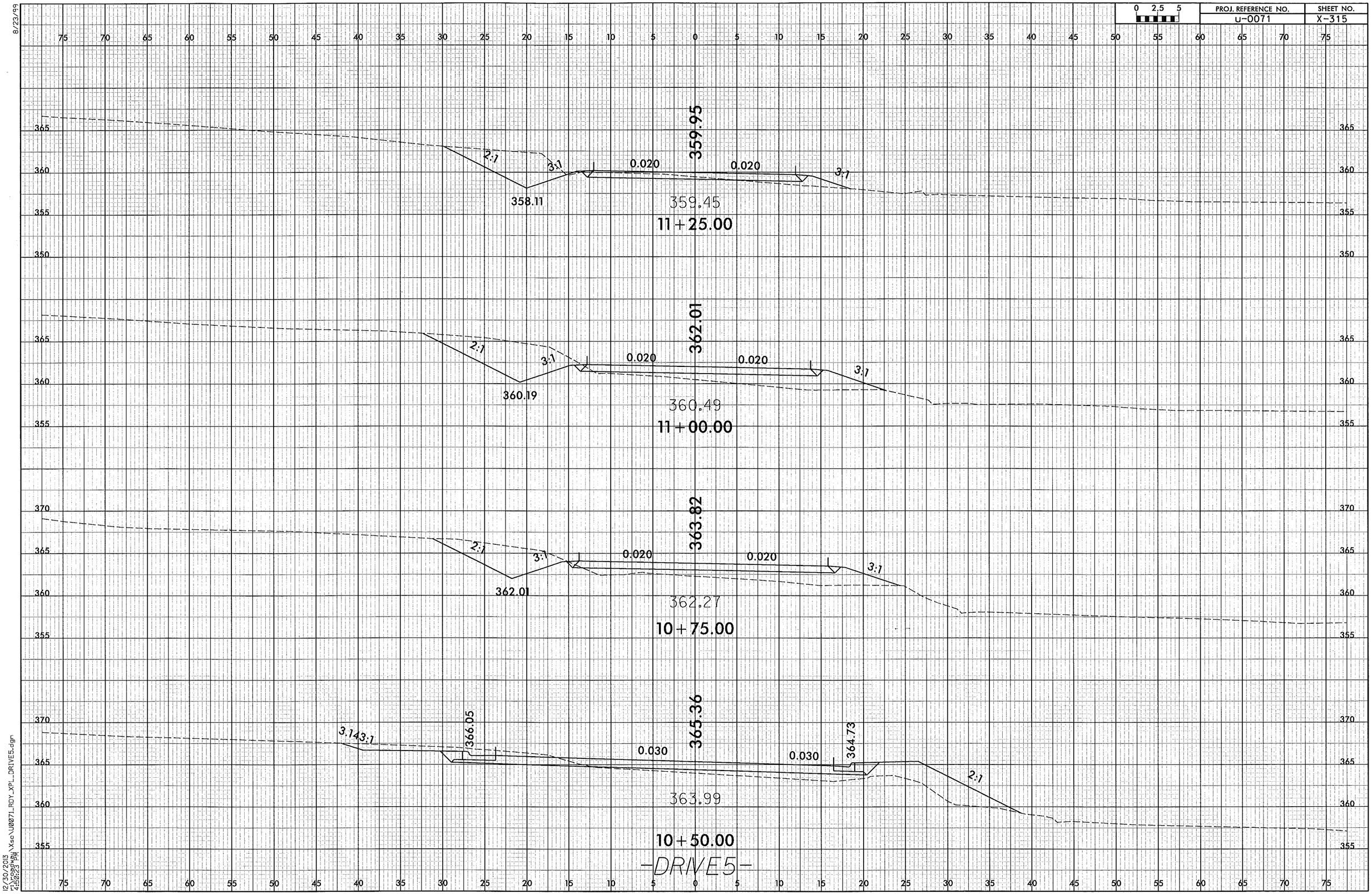
8/23/99

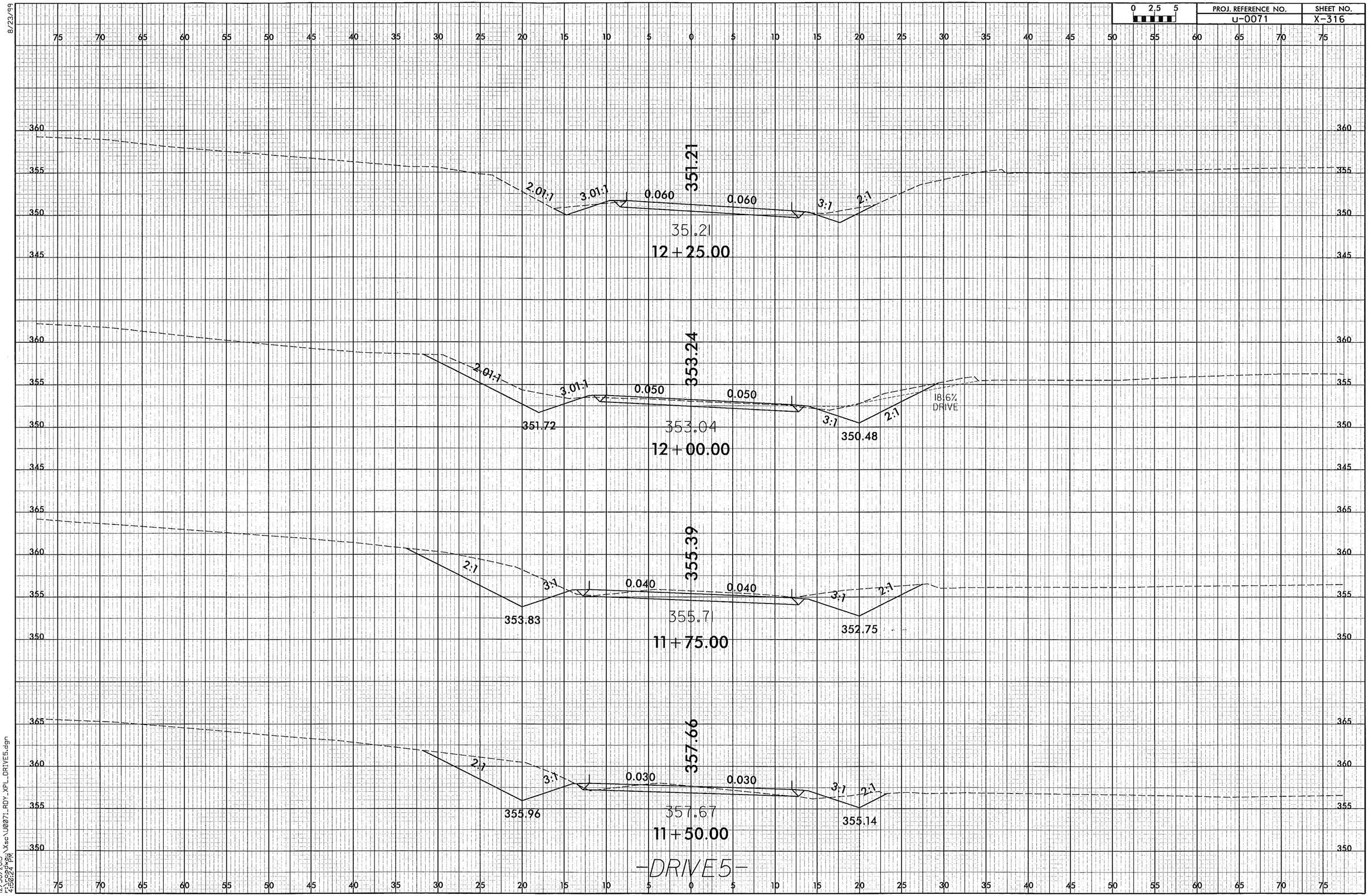
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-315



12/30/2013 4:50:23 PM X:\sc\U0071_ROY_XPL_DRIVE5.dgn

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-0071	X-316



12/30/2013
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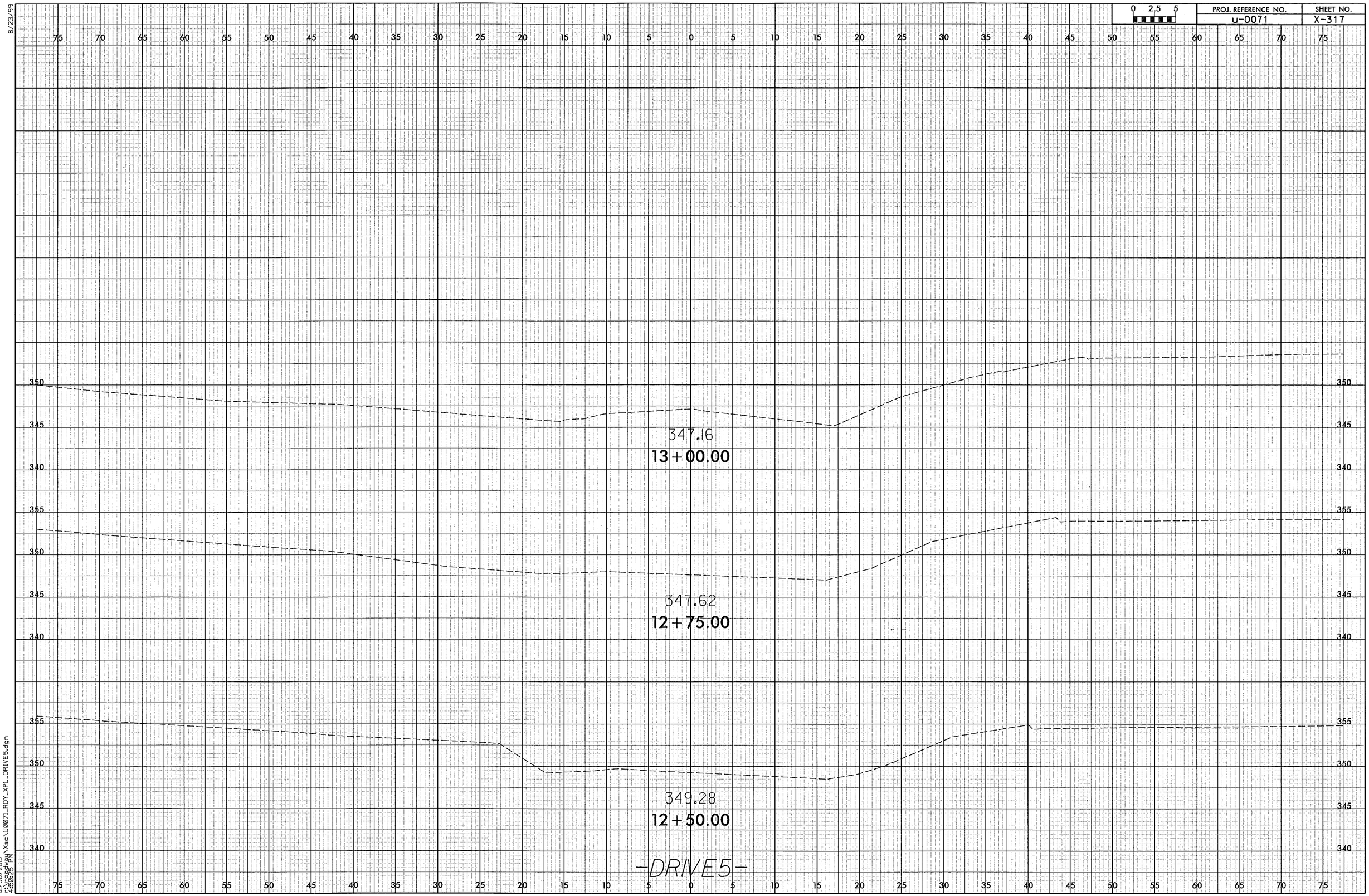

0 2.5 5
PROJ. REFERENCE NO.
u-0071
SHEET NO.
X-317
8/23/99
347.16
13+00.00
347.62
12+75.00
349.28
12+50.00
-DRIVE5-
12/30/2013
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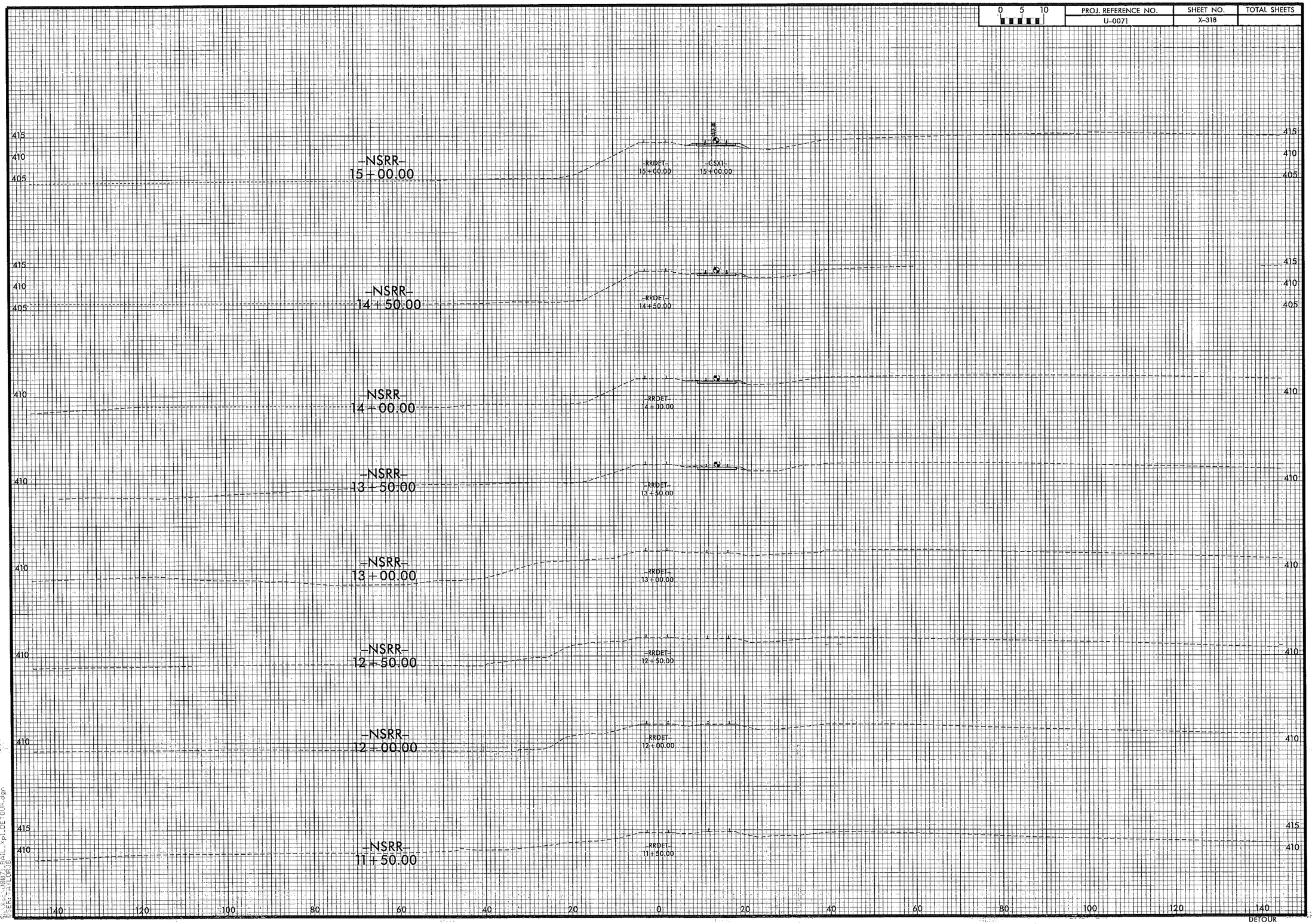
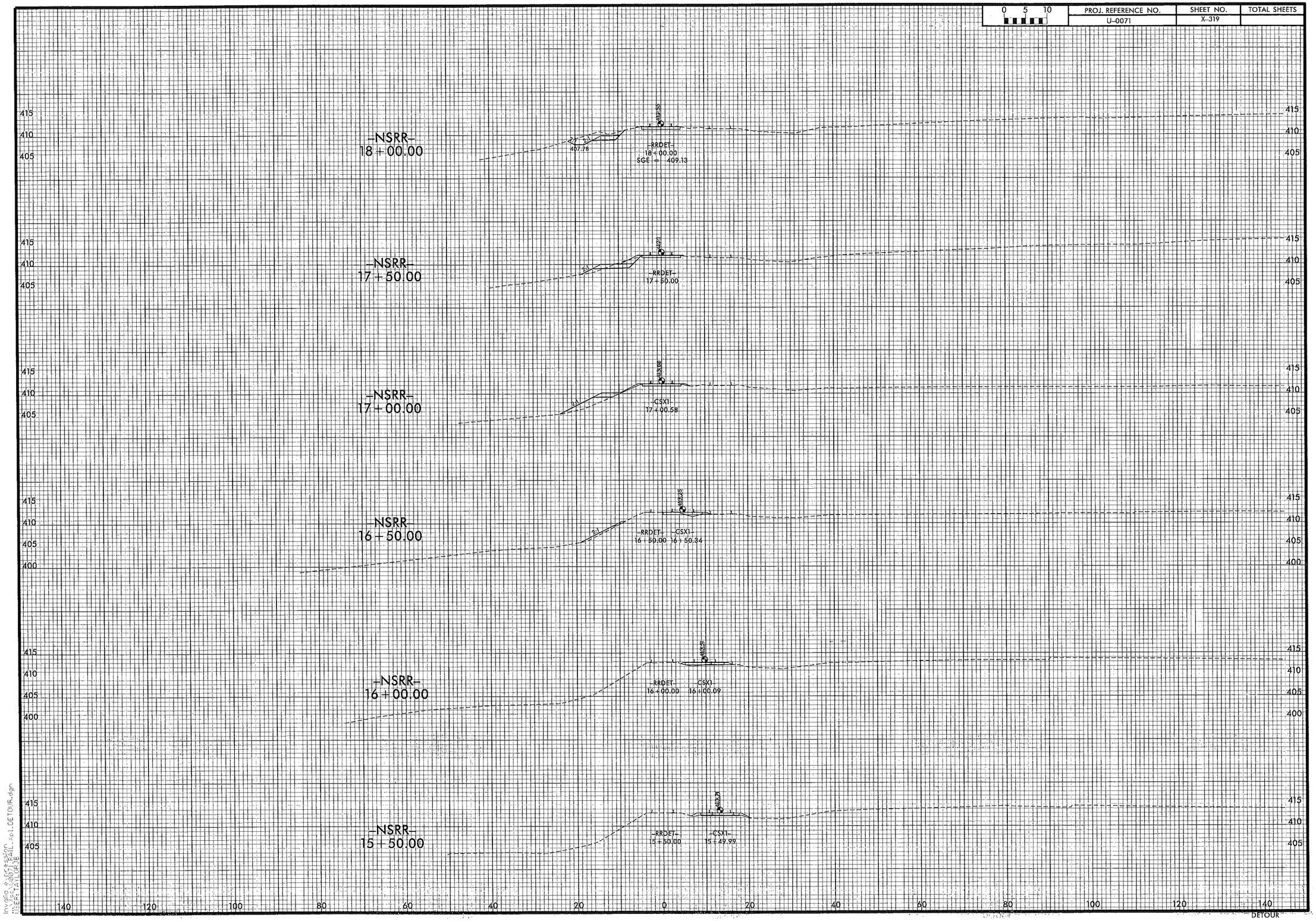
4:50:25 PM

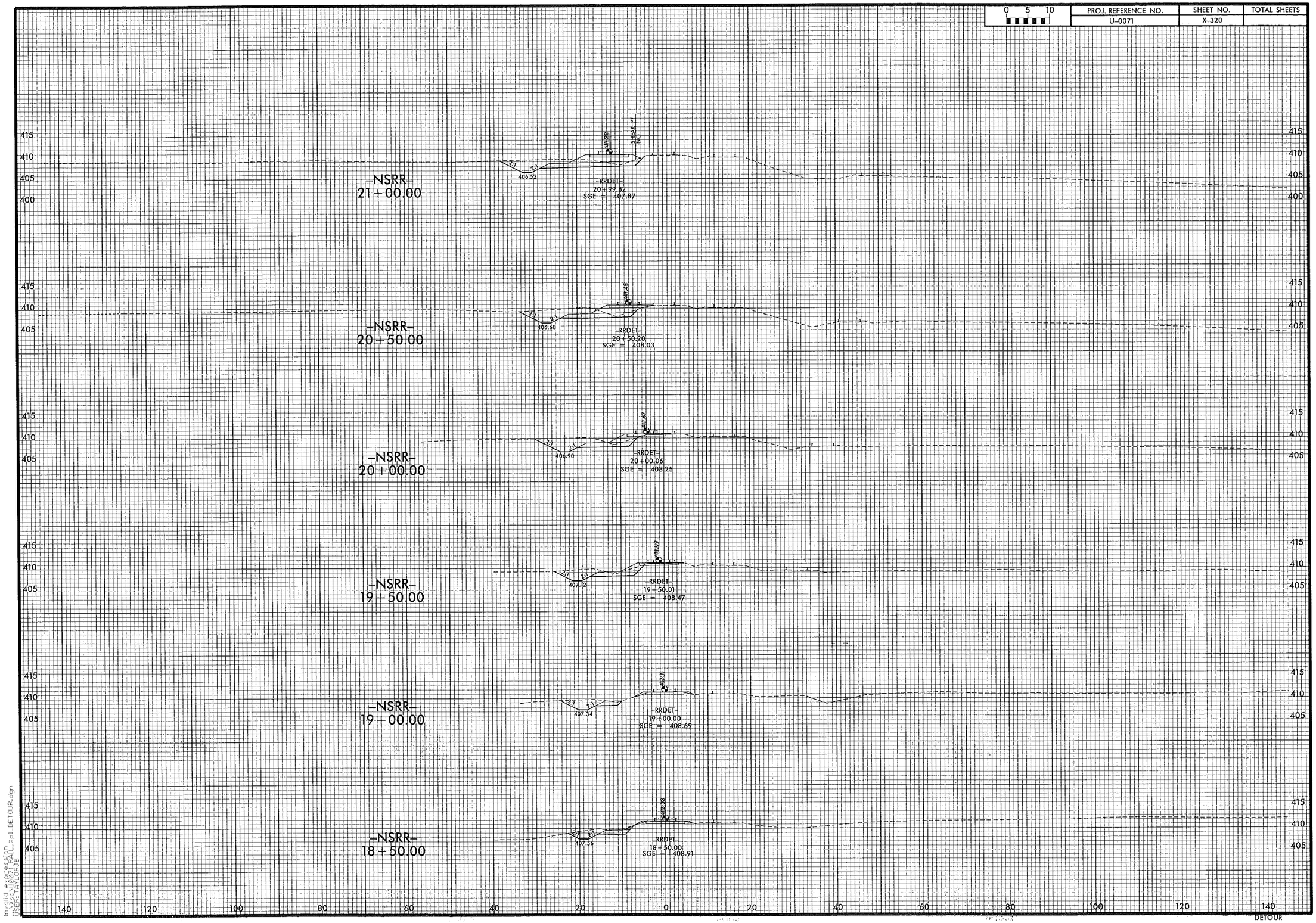


0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-318
TOTAL SHEETS
-NSRR-
15+00.00
-RRDET-
15+00.00
-CSX1-
15+00.00
-NSRR-
14+50.00
-RRDET-
14+50.00
-NSRR-
14+00.00
-RRDET-
14+00.00
-NSRR-
13+50.00
-RRDET-
13+50.00
-NSRR-
13+00.00
-RRDET-
13+00.00
-NSRR-
12+50.00
-RRDET-
12+50.00
-NSRR-
12+00.00
-RRDET-
12+00.00
-NSRR-
11+50.00
-RRDET-
11+50.00
415
410
405
140
120
100
80
60
40
20
0
20
40
60
80
100
120
140
DETOUR

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-319	

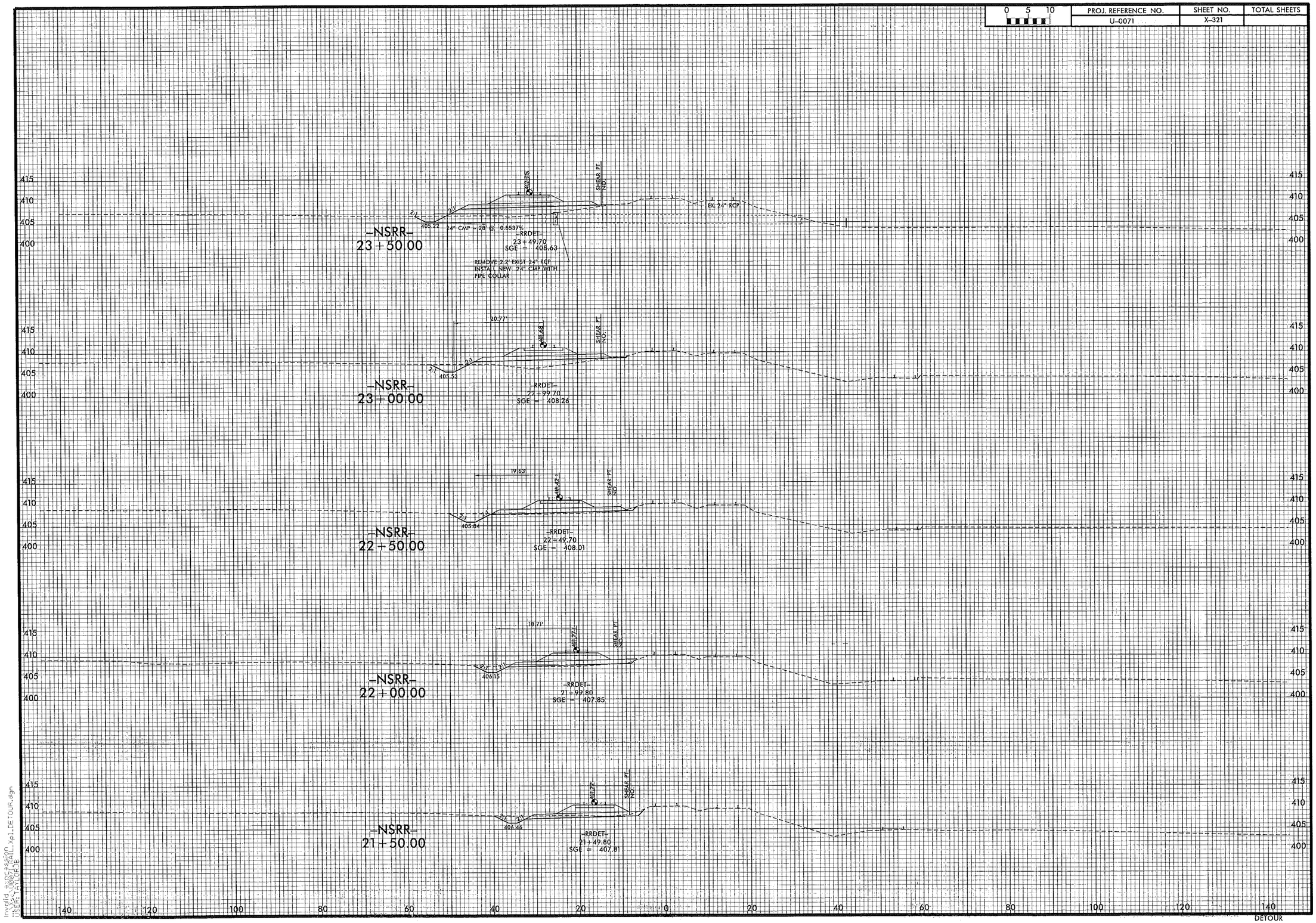


PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-320	

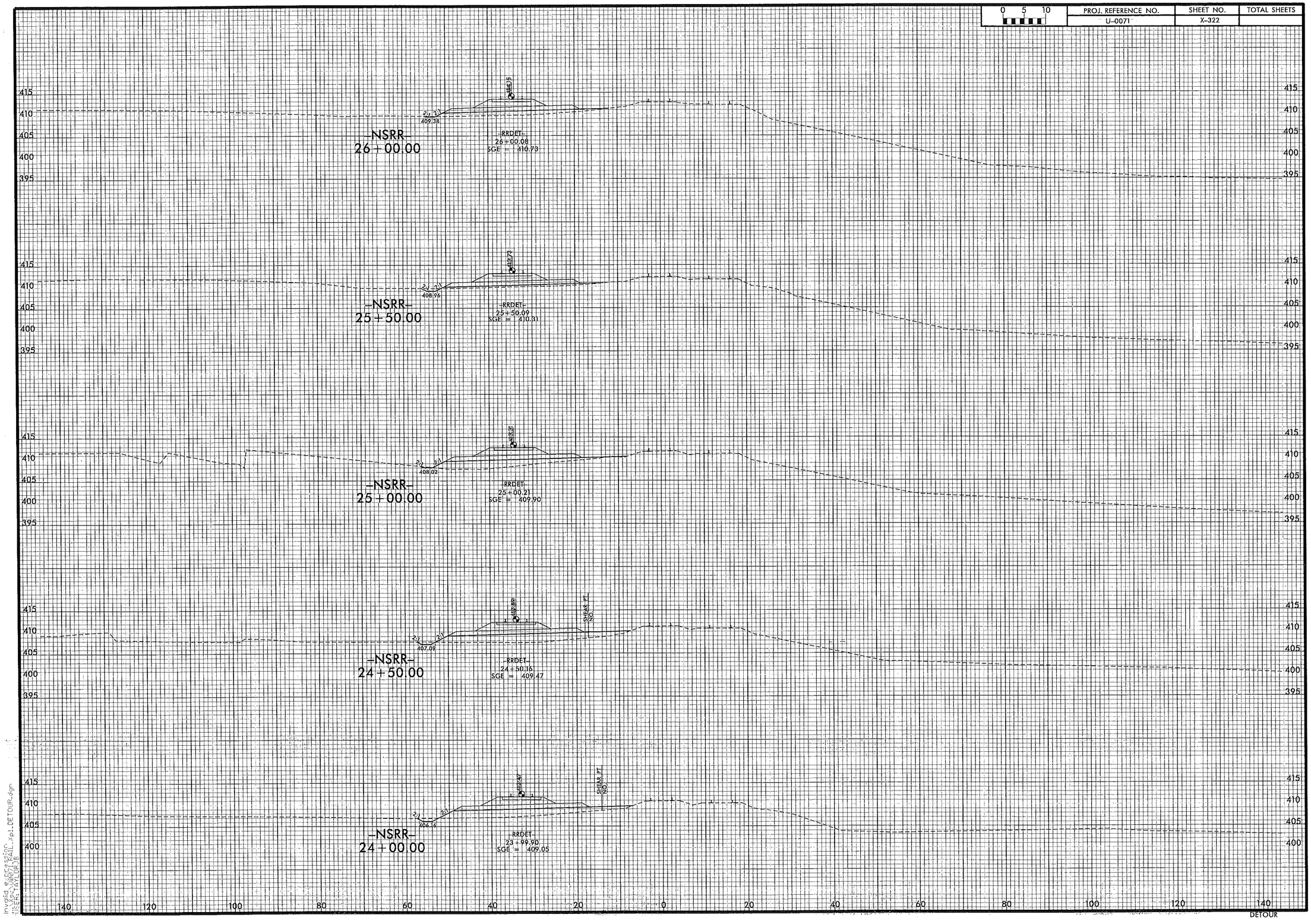


Invalid expression
\\Xsc\U0071_RAIL_xpl_DETOUR.dgn
USER: TAYLORJB

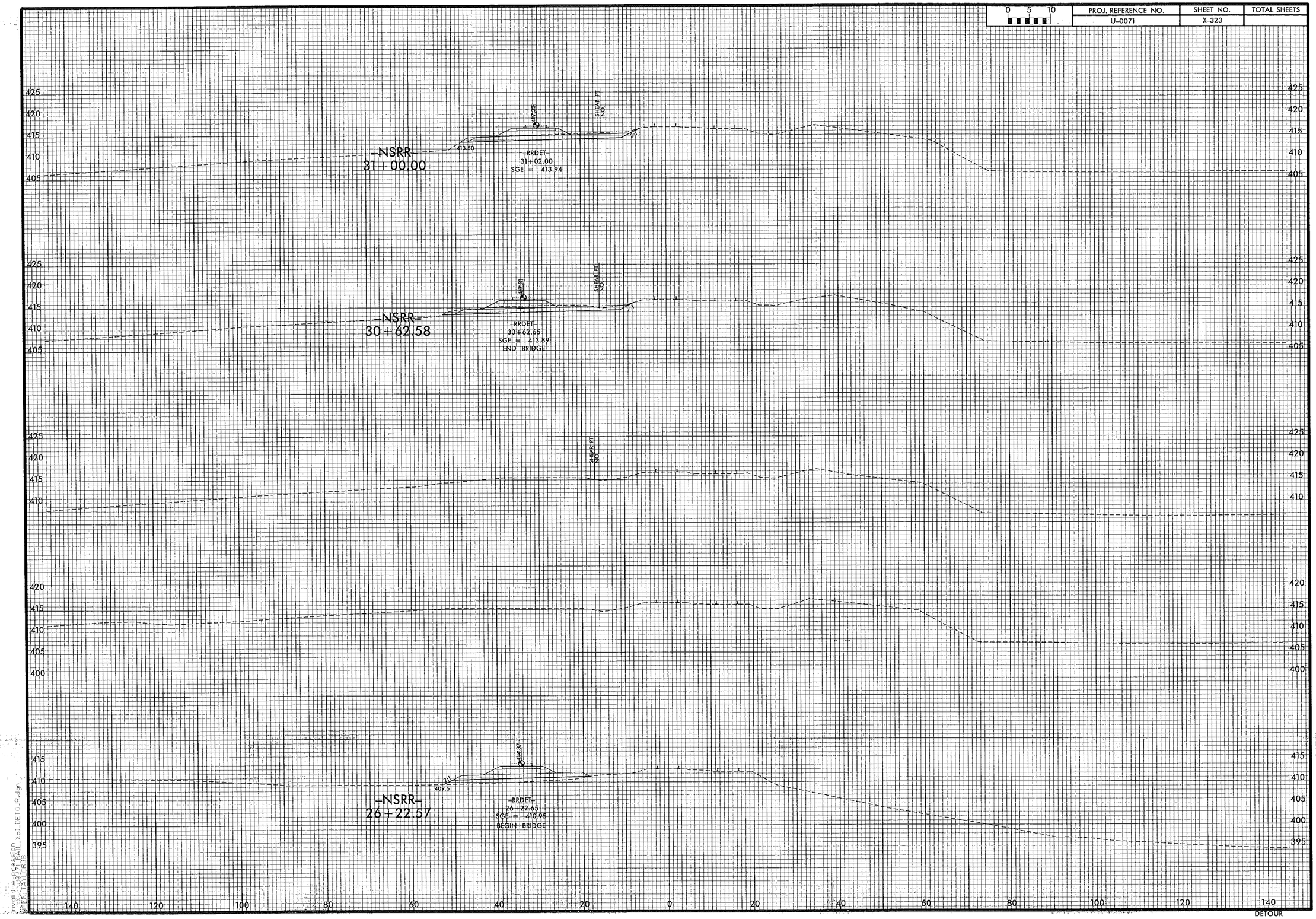
PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-321	



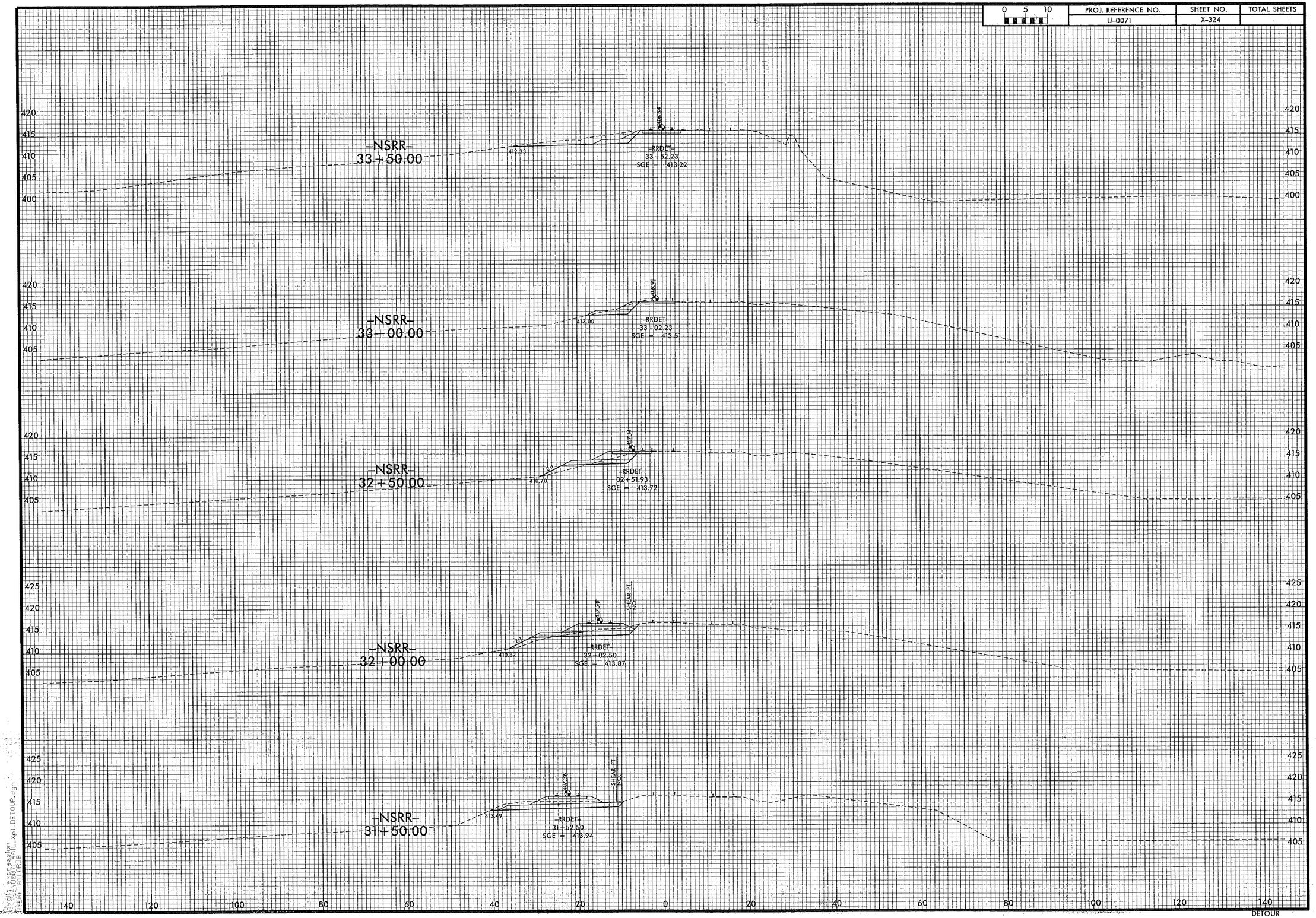
PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-322	



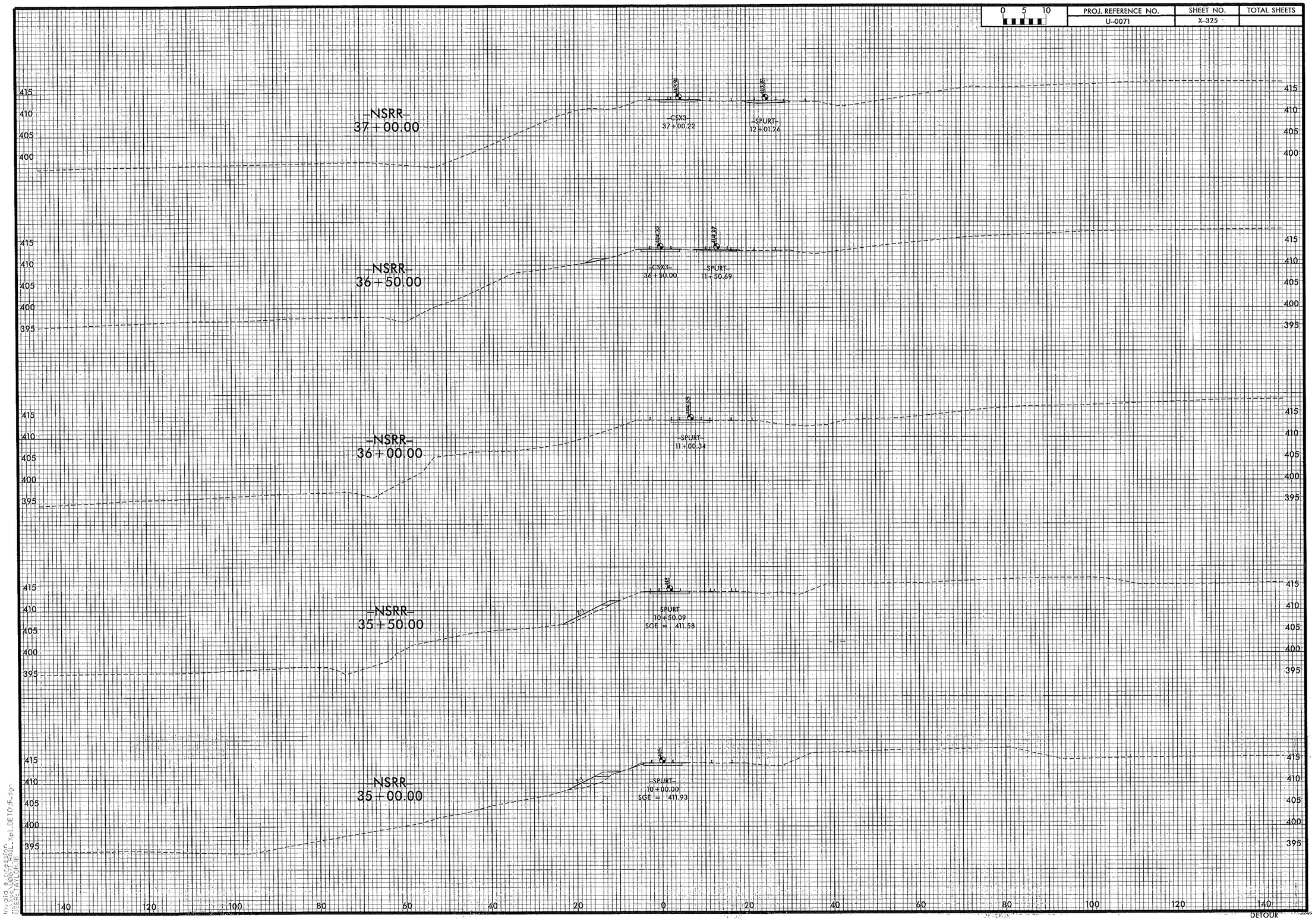
PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-323	



PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-324	



PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-325	



0 5 10	PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
	U-0071	X-326	

–NSRR–
40+00.00

410
405
400

–RRDET–
40+02.23

–CSX3–
40+00.57

410.73

–NSRR–
39+50.00

410
405
400

–RRDET–
39+52.23

–CSX3–
39+50.57

411.93

–NSRR–
39+00.00

410
405
400

–RRDET–
39+02.23

–CSX3–
39+00.57

411.95

–SPURT–
14+05.83

412.70

410
405
400

–NSRR–
38+50.00

410
405
400

–RRDET–
38+52.23

–CSX3–
38+50.57

412.98

–SPURT–
13+57.76

412.76

410
405
400

–NSRR–
38+00.00

410
405
400

–RRDET–
38+02.23

–CSX3–
38+00.57

413.17

–SPURT–
13+06.72

412.90

415
410
405
400

–NSRR–
37+50.00

–CSX3–
37+50.47

415.62

–SPURT–
12+50.83

414.50

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

DETOUR

Invoice Professional
USER: TaylorB
J:\Projects\U0071\RAIL_xpl_DETOUR.dgn

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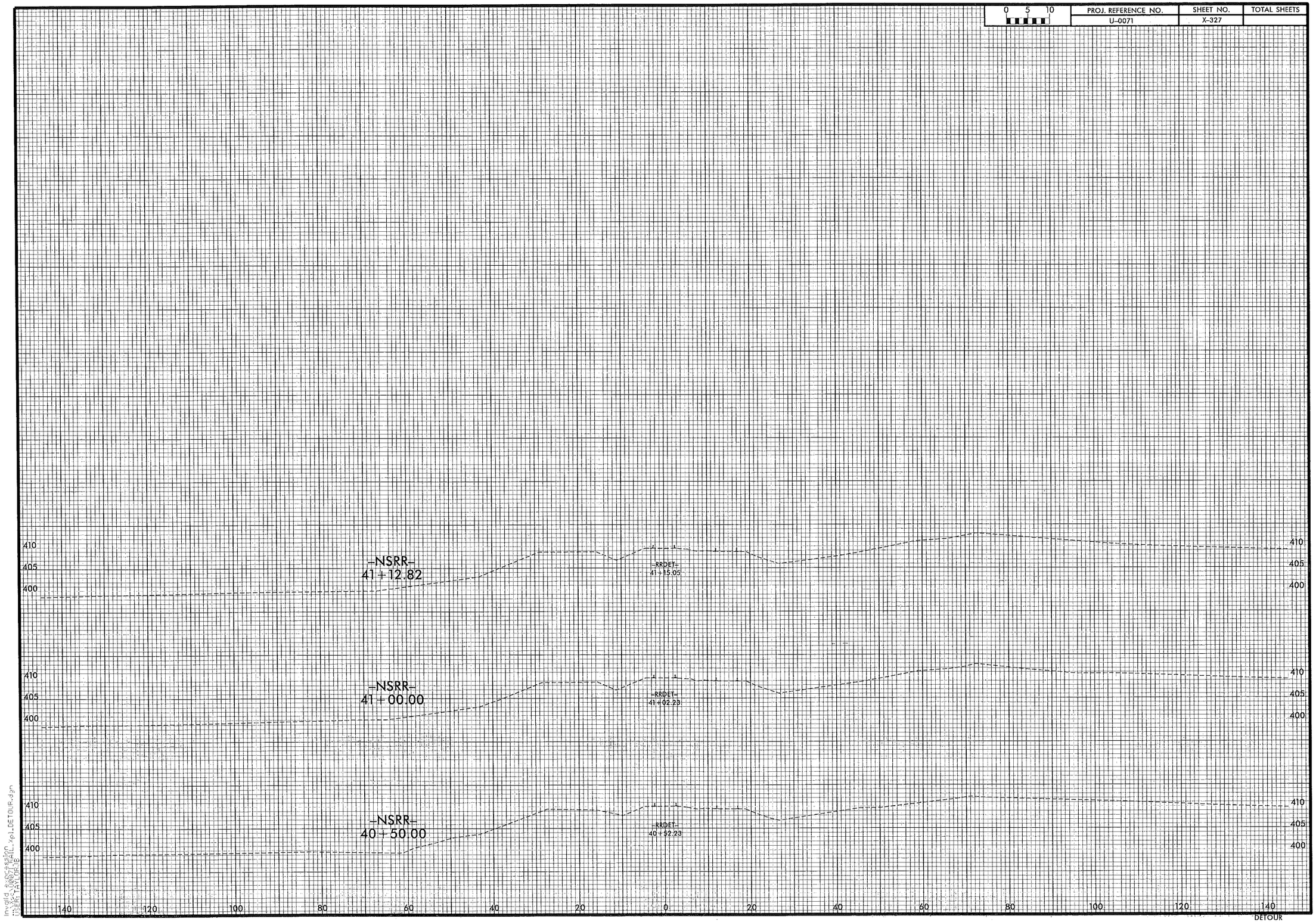
	U-0071	X-327	



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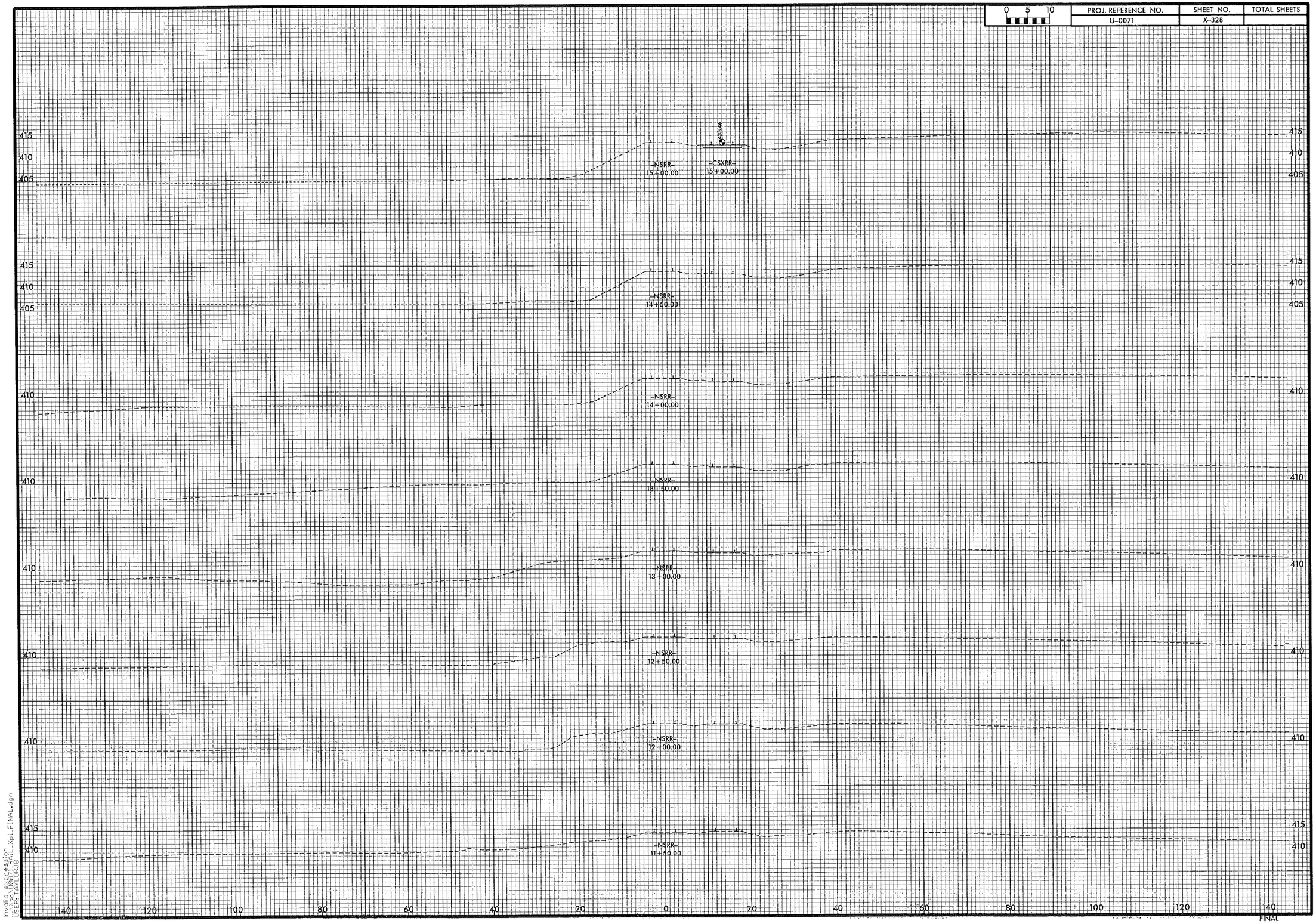
USER: TAYLOR1B

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-328	



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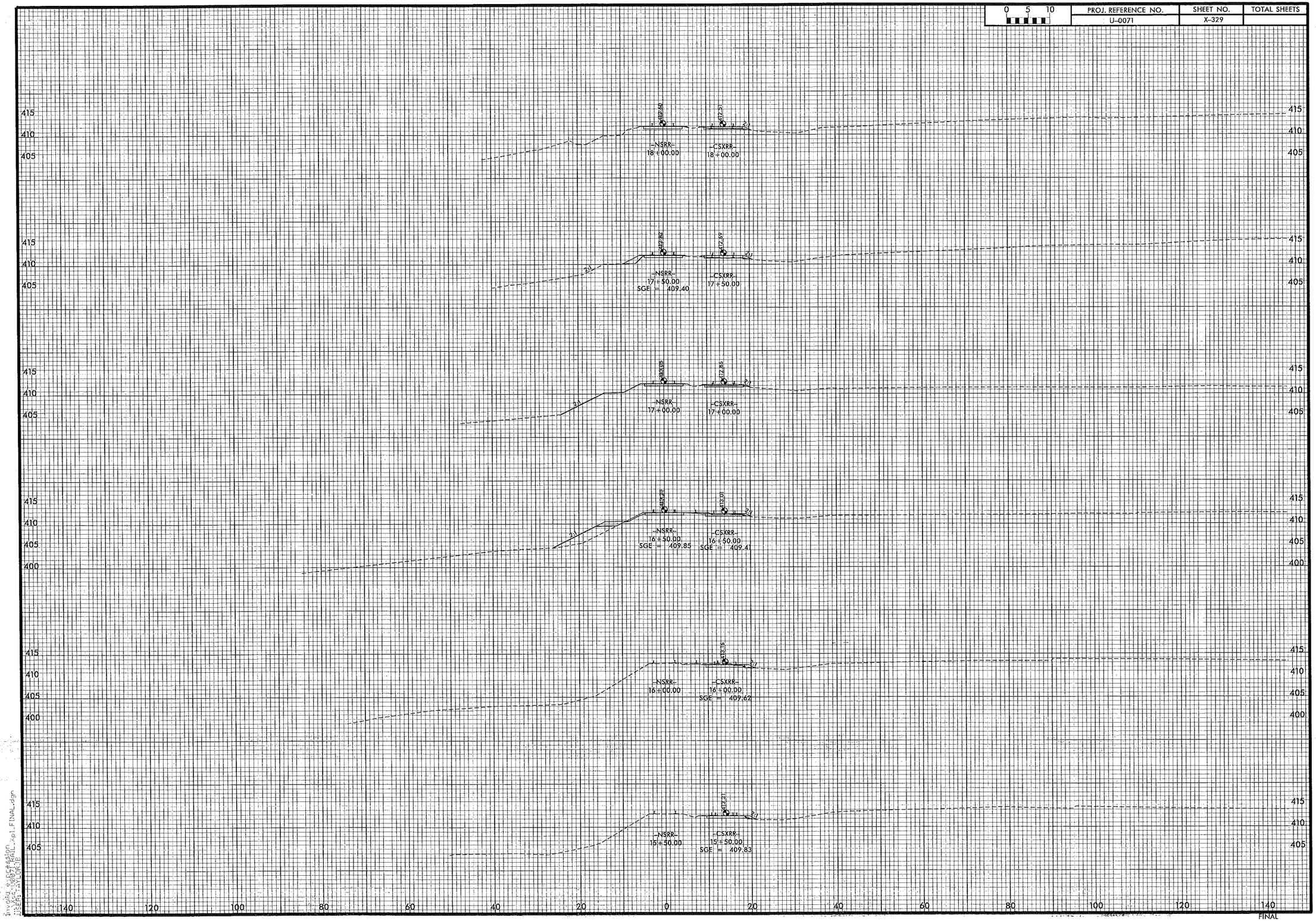
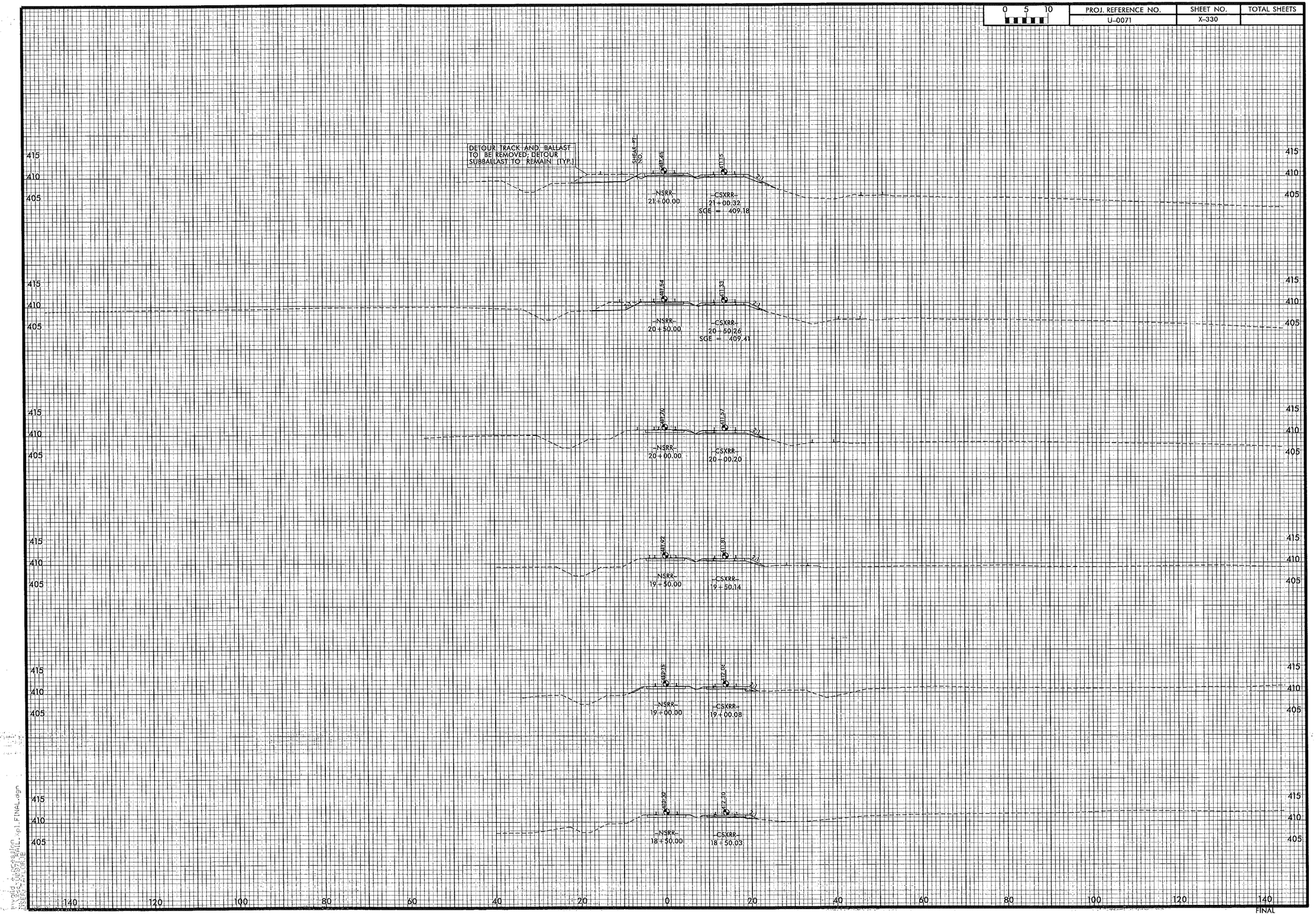
USER: TAYLOR,JB

0 5 10	PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
	U-0071	X-329	



FINAL

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-330	



0 5 10	PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
	U-0071	X-331	

DETOUR TRACK AND BALLAST TO BE REMOVED; DETOUR SUBBALLAST TO REMAIN (TYP.)

SHEAR PT NO.

407.86

411.66

-NSRR-
24+00.00

-CSXRR-
24+00.68
SGE = 408.24

2:1

SHEAR PT NO.

407.85

411.39

-NSRR-
23+50.00

-CSXRR-
23+50.62
SGE = 407.97

2:1

403.73

SHEAR PT NO.

407.79

411.19

-NSRR-
23+00.00

-CSXRR-
23+00.56
SGE = 407.78

2:1

402.98

SHEAR PT NO.

407.66

411.07

-NSRR-
22+50.00

-CSXRR-
22+50.50
SGE = 407.66

2:1

403.00

SHEAR PT NO.

407.48

411.03

-NSRR-
22+00.00

-CSXRR-
22+00.44
SGE = 408.86

2:1

SHEAR PT NO.

407.43

411.05

-NSRR-
21+50.00

-CSXRR-
21+50.38
SGE = 408.90

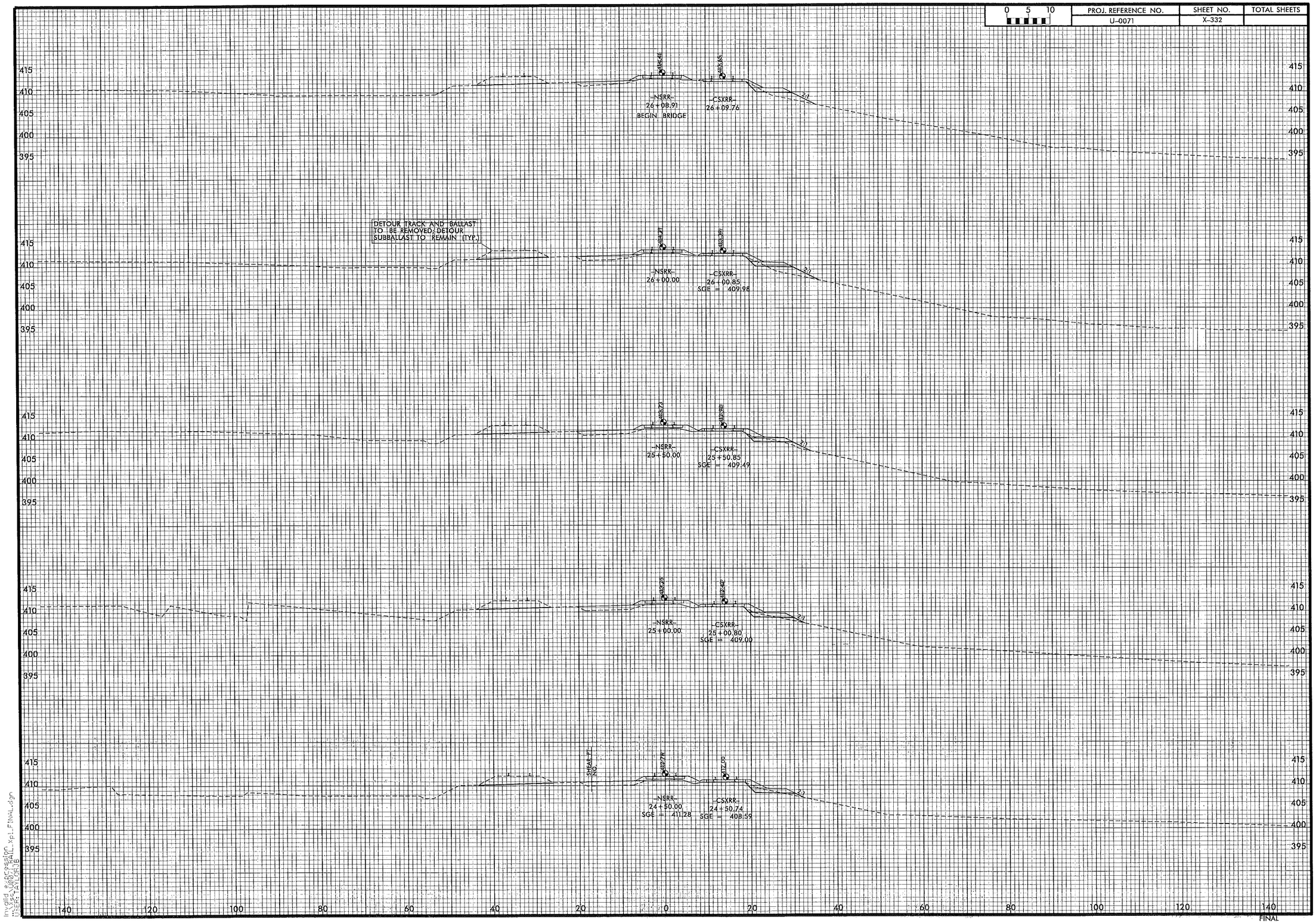
2:1

415
410
405
400

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

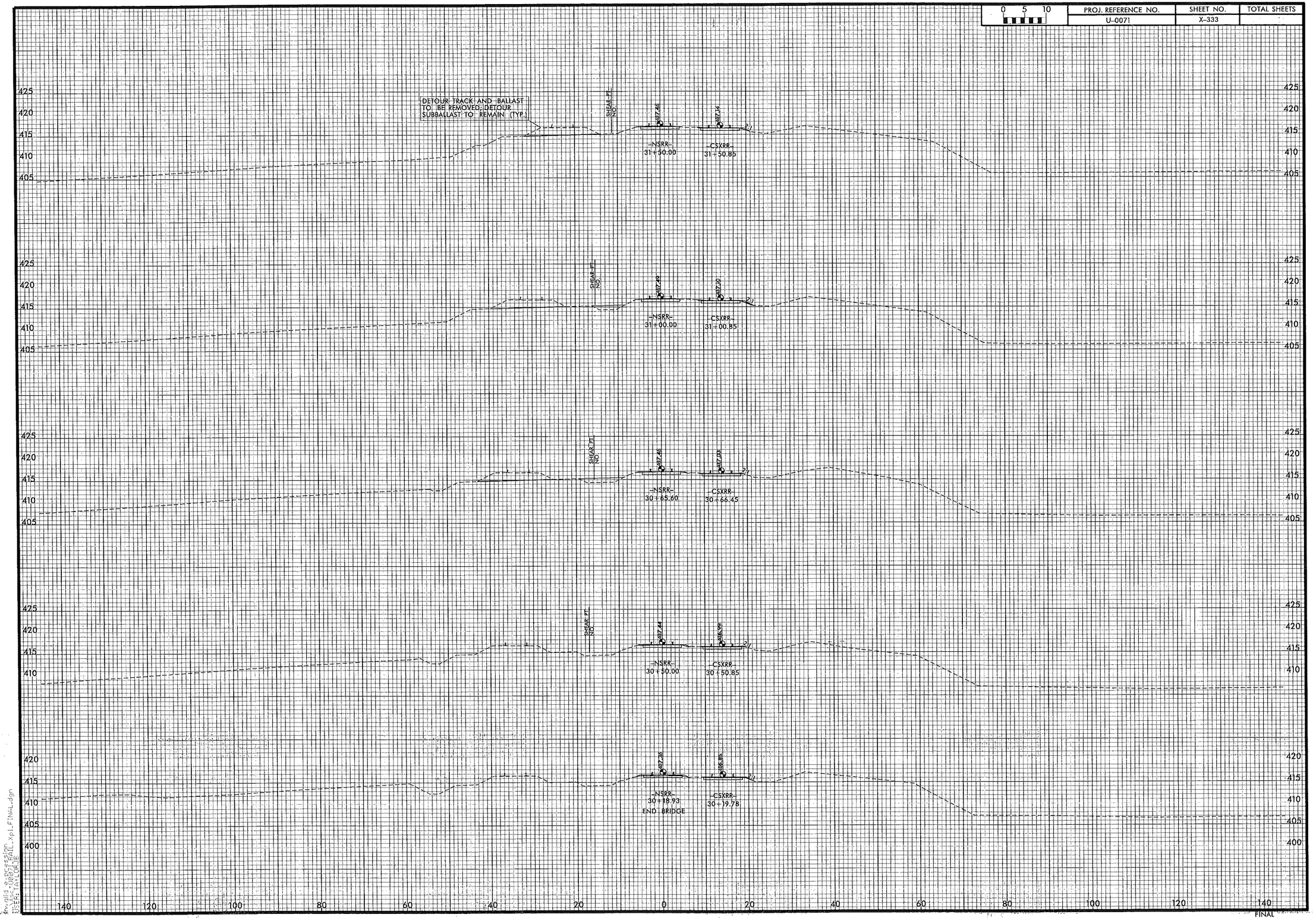
FINAL

Plotted: 07-SEP-2016 15:57
By: MATTHEW.LOCKE
U:\rail\projects\U-0071\final\X-331_FINAL.dgn



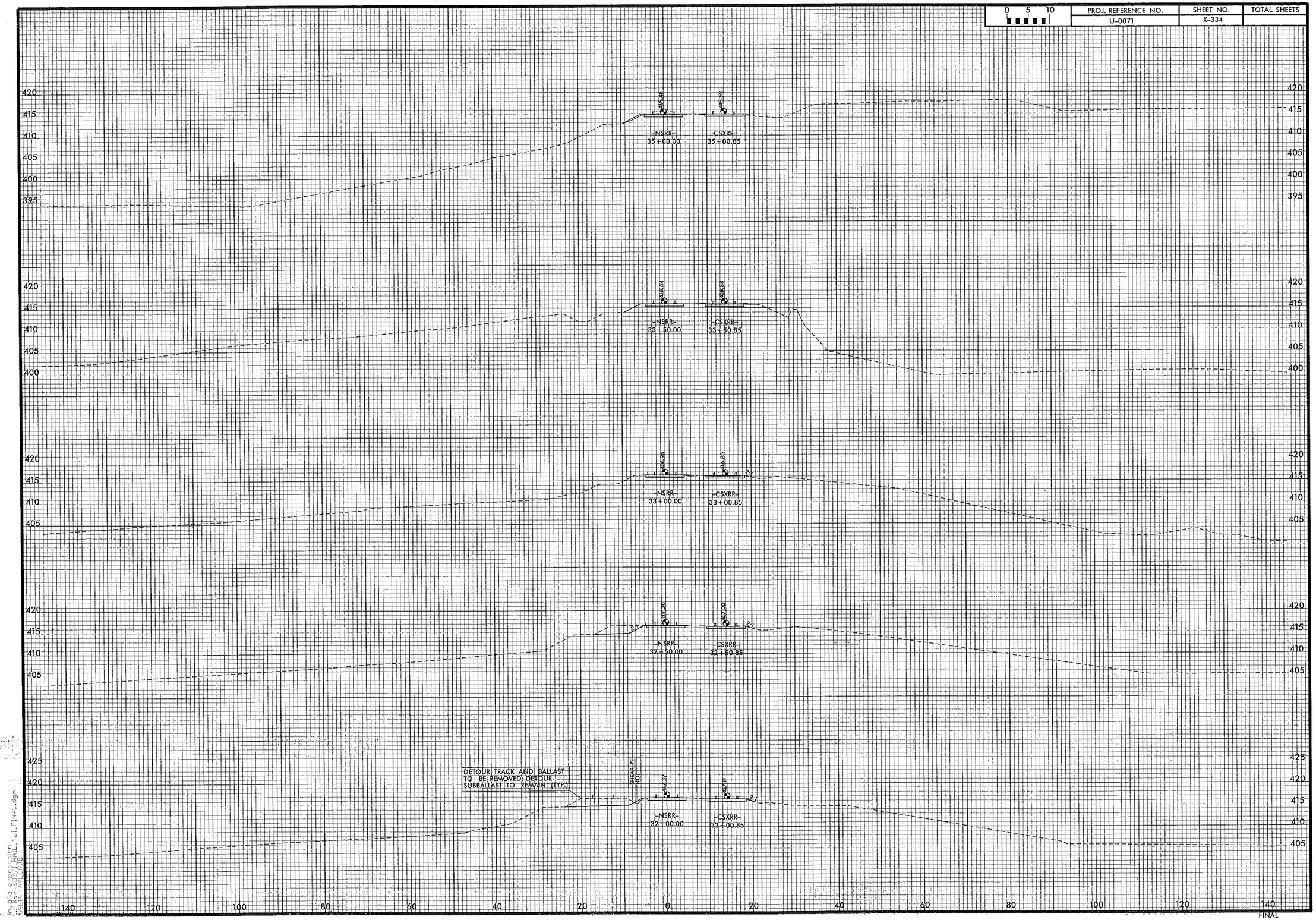
0 5 10
PROJ. REFERENCE NO.
U-0071
SHEET NO.
X-332
TOTAL SHEETS
415
410
405
400
395
-NSRR-
26+08.91
BEGIN BRIDGE
-CSXRR-
26+09.76
2:1
DETOUR TRACK AND BALLAST TO BE REMOVED; DETOUR SUBBALLAST TO REMAIN (TYP.)
-NSRR-
26+00.00
-CSXRR-
26+00.85
SGE = 409.98
-NSRR-
25+50.00
-CSXRR-
25+50.85
SGE = 409.49
-NSRR-
25+00.00
-CSXRR-
25+00.80
SGE = 409.00
SHEAR PT. NO.
-NSRR-
24+50.00
SGE = 411.28
-CSXRR-
24+50.74
SGE = 408.59
140
120
100
80
60
40
20
0
20
40
60
80
100
120
140
FINAL

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-333	

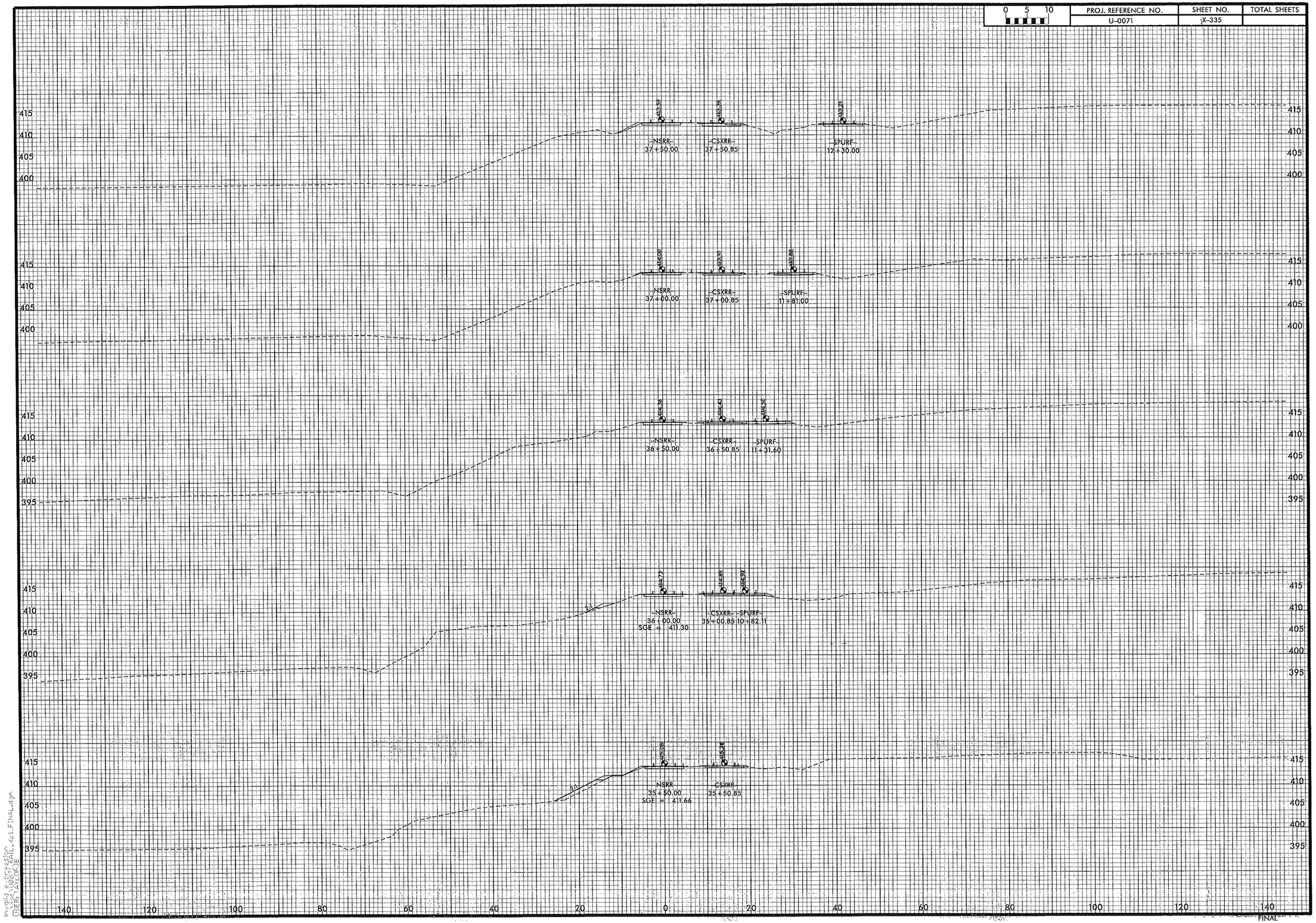


Invalid expression
\\xsc-U0071_RAIL_xpl_FINAL.dgn
USER: TAYLORJE

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-334	



PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-335	



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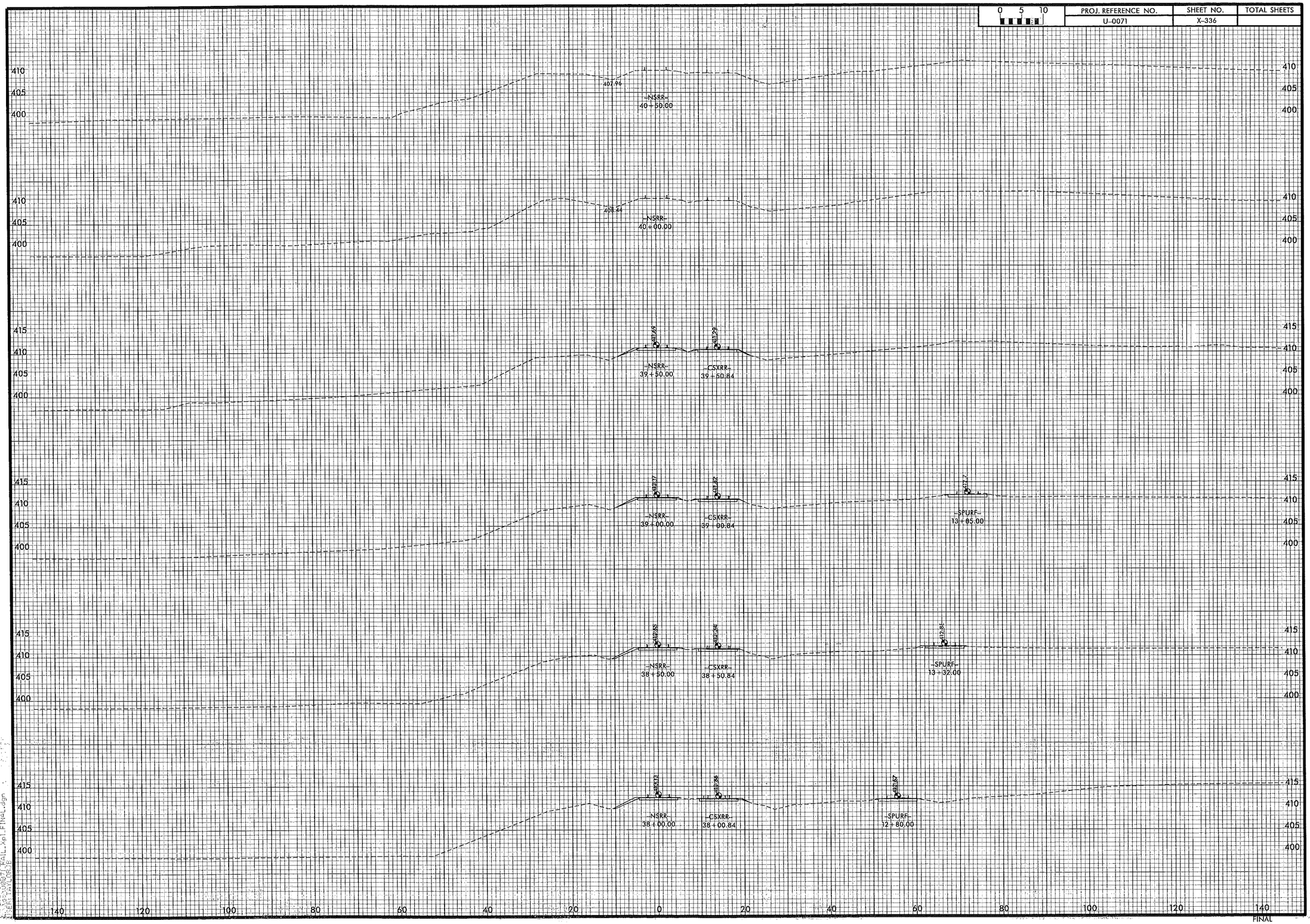
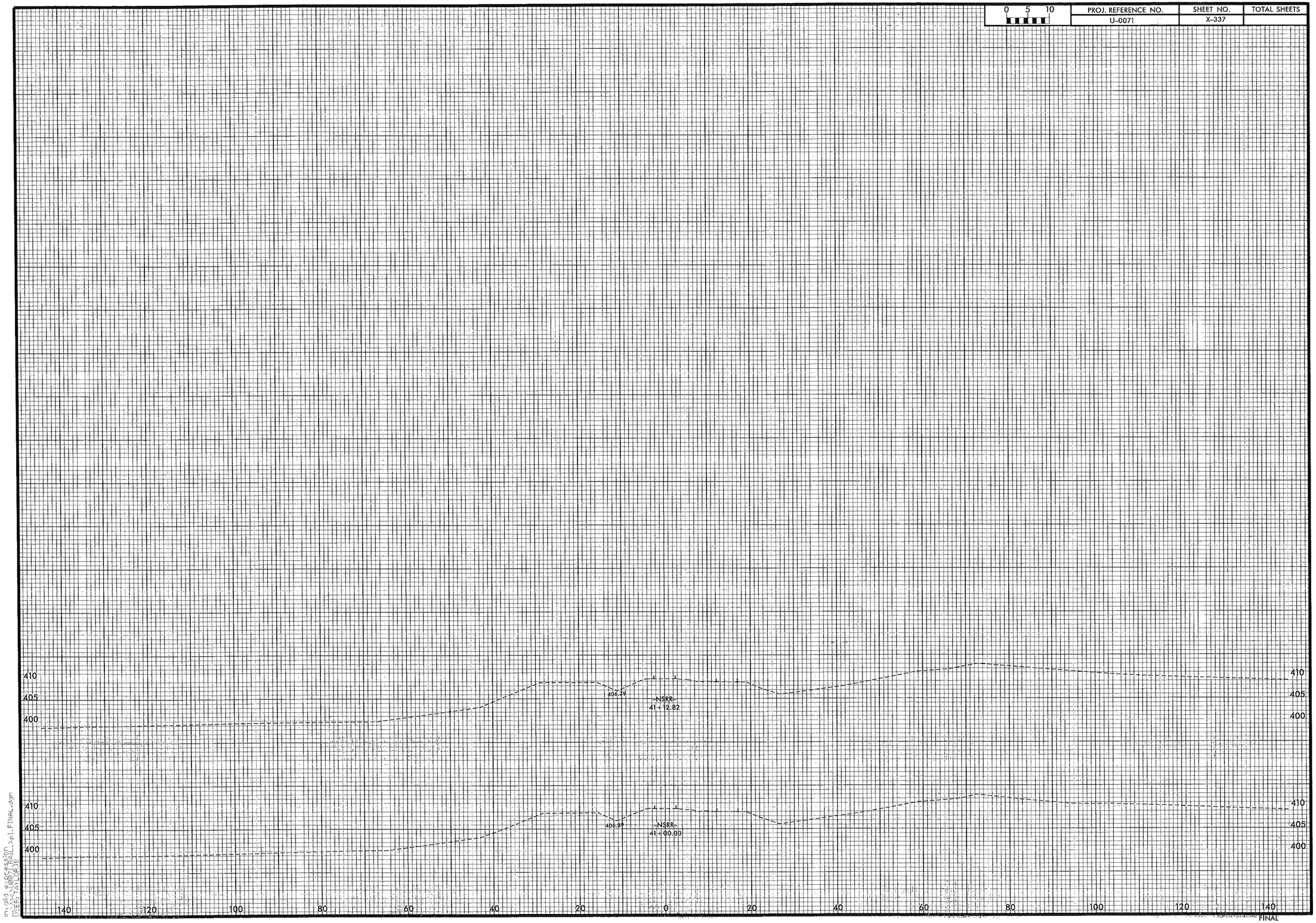
USER: TAYLOR JB

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-0071	X-336	



FINAL

0 5 10	PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
	U-0071	X-337	



FINAL

Invalid expression
\\XXX_U0071_RAIL_xpl_FINAL.dgn
USER: TAYLORJE