PROJ. REFERENCE NO.	SHEET NO.
U-4012	X-0

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

INDEX OF SHEETS		
ALIGNMENT	BEGIN	END
-DET1-	X-2	X-14
-DET2-	X-1	X-14
-DET3-	X-15	X-32
-L-	X-33	X-64
-RPC-	X-65	X-68

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

Station DET 1 L	Uncl. Exc. DET 1 (cu. yd.)	Embt DET 1 (cu. yd.)
57+50.00	0	0
58+00.00	26	1
58+50.00	53	3
59+00.00	52	11
59+50.00	47	21
60+00.00	50	19
60+50.00	87	23
61+00.00	186	42
61+50.00	231	58
62+00.00	156	68
62+50.00	75	104
63+00.00	30	148
63+50.00	7	182
64+00.00	2	194
64+50.00	0	200
65+00.00	0	247
65+50.00	0	280
66+00.00	0	557
66+50.00	0	1171
67+00.00	0	1714
67+50.00	0	1890
68+00.00	0	1731
68+50.00	0	1402
69+00.00	0	1187
69+50.00	0	1115
69+84.96	0	738
70+00.96	0	169

Station DET 1 L	Uncl. Exc. DET 1 (cu. yd.)	Embt DET 1 (cu. yd.)
71+18.96	0	0
71+34.96	0	125
72+00.00	0	235
72+00.00	0	785
72+50.00	0	792
73+00.00	0	822
73+50.00	0	883
74+00.00	0	958
74+50.00	0	1027
75+00.00	0	1136
75+50.00	0	1169
76+00.00	0	1117
76+50.00	0	1071
77+00.00	3	929
77+50.00	5	750
78+00.00	9	452
78+50.00	12	207
79+00.00	13	108
79+50.00	7	17

Station DET 2 L	Uncl. Exc. DET 2 (cu. yd.)	Embt DET 2 (cu. yd.)
56+00.00	0	0
56+50.00	7	3
57+00.00	13	6
57+50.00	19	7
58+00.00	26	7
58+50.00	25	7
59+00.00	25	8
59+50.00	26	8
60+00.00	26	7
60+50.00	27	5
61+00.00	26	6
61+50.00	24	10
62+00.00	24	11
62+50.00	12	5

Station DET 2 L	Uncl. Exc. DET 2 (cu. yd.)	Embt DET 2 (cu. yd.)
75+50.00	0	0
76+00.00	17	0
76+50.00	34	1
77+00.00	35	0
77+50.00	32	2
78+00.00	27	6
78+50.00	26	6
79+00.00	27	2
79+50.00	30	0
80+00.00	32	0
80+50.00	16	0

Station DET 3 L	Uncl. Exc. DET 3 (cu. yd.)	Embt DET 3 (cu. yd.)
66+00.00	0	156
66+50.00	0	177
67+00.00	0	196
67+50.00	0	208
68+00.00	0	224
68+50.00	0	230
69+00.00	0	113

Station DET 3 L	Uncl. Exc. DET 3 (cu. yd.)	Embt DET 3 (cu. yd.)
71+50.00	0	0
72+00.00	0	63
72+50.00	0	115
73+00.00	0	101
73+50.00	0	96
74+00.00	0	96
74+50.00	0	95
75+00.00	0	86
75+50.00	0	75
76+00.00	0	67
76+50.00	0	57
77+00.00	0	50
77+50.00	0	51
78+00.00	0	60
78+50.00	0	63
79+00.00	0	54
79+50.00	0	30
80+00.00	3	8
80+50.00	8	1
81+00.00	11	0
81+50.00	7	0

Station L-LT L	Uncl. Exc. L-LT (cu. yd.)	Embt L-LT (cu. yd.)
33+50.00	0	0
34+00.00	7	0
34+50.00	16	0
35+00.00	12	9
35+50.00	6	13
36+00.00	7	10
36+50.00	7	12
37+00.00	8	25
37+50.00	9	56
38+00.00	9	98
39+00.00	89	121
39+50.00	63	0
40+00.00	39	50
40+50.00	26	140
41+00.00	23	157
41+50.00	29	129
42+00.00	25	127

Station L-LT L	Uncl. Exc. L-LT (cu. yd.)	Embt L-LT (cu. yd.)
42+50.00	17	134
43+00.00	16	122
43+50.00	16	90
44+00.00	17	66
44+50.00	18	54
45+00.00	36	26
45+50.00	53	0
46+00.00	37	3
46+50.00	25	4
47+00.00	26	4
47+50.00	24	7
48+00.00	21	10
48+50.00	13	19
49+00.00	11	27
49+50.00	10	35
50+00.00	10	43
50+50.00	7	35
51+00.00	6	24
51+50.00	12	16
52+00.00	19	7
52+50.00	21	3
53+00.00	18	4
53+50.00	14	12
54+00.00	9	27
54+50.00	7	37
55+00.00	8	31
55+50.00	11	19
56+00.00	24	11
56+50.00	43	11
57+00.00	69	14
57+50.00	103	15
58+00.00	114	15
58+50.00	107	15
59+00.00	119	17
59+50.00	99	11
60+00.00	44	5
60+50.00	21	8
61+00.00	17	8
61+50.00	34	7
62+00.00	44	11

Station L-LT L	Uncl. Exc. L-LT (cu. yd.)	Embt L-LT (cu. yd.)
62+00.00	0	0
62+50.00	19	16
63+00.00	3	22
63+50.00	1	38
64+00.00	0	57
64+50.00	0	84
65+00.00	0	116
65+50.00	0	151
66+00.00	0	190

Station L-LT L	Uncl. Exc. L-LT (cu. yd.)	Embt L-LT (cu. yd.)
71+52.54	0	0
71+72.60	0	131
72+00.00	0	184
72+50.00	0	296
73+00.00	0	270
73+50.00	0	248
74+00.00	0	236
74+50.00	0	217
75+00.00	0	197
75+50.00	0	172
76+00.00	0	134
76+50.00	0	91

Station L-LT L	Uncl. Exc. L-LT (cu. yd.)	Embt L-LT (cu. yd.)
76+50.00	0	0
77+00.00	0	51
77+50.00	2	17
78+00.00	4	11
78+50.00	6	104
79+00.00	6	243
79+50.00	5	230
80+00.00	6	124
80+50.00	8	60
81+00.00	11	25
81+50.00	14	18
82+00.00	21	12
82+50.00	26	7
83+00.00	30	7
83+50.00	34	11
84+00.00	33	12
84+50.00	34	14
85+00.00	35	21
85+50.00	44	26
86+00.00	57	13
86+50.00	31	0

PROJ. REFERENCE NO.	SHEET NO.
U-4012	X-0A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L-MED L	Uncl. Exc. L-MED (cu. yd.)	Embt L-MED (cu. yd.)
33+50.00	0	0
34+00.00	0	8
34+50.00	0	21
35+00.00	0	18
35+50.00	0	13
36+00.00	0	24
36+50.00	0	30
37+00.00	0	20
37+50.00	0	11
38+00.00	1	6
39+00.00	1	3
40+00.00	1	0
40+50.00	1	2
41+00.00	0	4
41+50.00	0	5
42+00.00	0	7
42+50.00	0	8
43+00.00	0	9
43+50.00	1	15
44+00.00	2	20
44+50.00	2	16
45+00.00	7	13
45+50.00	8	23
46+00.00	5	17
46+50.00	10	4
47+00.00	15	5
47+50.00	13	4
48+00.00	8	3
48+50.00	4	4
49+00.00	1	7
49+50.00	1	9
50+00.00	2	8
50+50.00	6	7
51+00.00	10	5
51+50.00	16	2
52+00.00	27	0
52+50.00	36	0
53+00.00	36	0
53+50.00	30	0
54+00.00	25	1
54+50.00	23	2
55+00.00	21	3
55+50.00	19	6
56+00.00	17	10
56+50.00	16	12
57+00.00	17	12
57+50.00	19	12
58+00.00	16	12
58+50.00	12	13
59+00.00	10	16
59+50.00	8	20
60+00.00	7	24
60+50.00	6	31

Station L-MED L	Uncl. Exc. L-MED (cu. yd.)	Embt L-MED (cu. yd.)
61+00.00	4	42
61+50.00	4	60
62+00.00	9	74

Station L-MED L	Uncl. Exc. L-MED (cu. yd.)	Embt L-MED (cu. yd.)
62+00.00	0	0
62+50.00	11	73
63+00.00	4	76
63+50.00	0	95
64+00.00	0	134
64+50.00	0	201
65+00.00	0	289
65+50.00	0	388
66+00.00	0	474
66+50.00	0	553
67+00.00	0	620
67+50.00	0	658
68+00.00	0	689
68+50.00	0	703
68+72.48	0	314
69+00.54	0	196

Station L-MED L	Uncl. Exc. L-MED (cu. yd.)	Embt L-MED (cu. yd.)
71+52.54	0	0
71+72.60	0	69
72+00.00	0	190
72+50.00	0	318
73+00.00	0	277
73+50.00	0	262
74+00.00	0	260
74+50.00	0	250
75+00.00	0	224
75+50.00	0	189
76+00.00	0	156
76+50.00	0	116
77+00.00	0	70
77+50.00	1	43
78+00.00	4	32
78+50.00	8	27
79+00.00	12	25
79+50.00	10	19
80+00.00	5	17
80+50.00	5	17
81+00.00	5	13

Station L-MED L	Uncl. Exc. L-MED (cu. yd.)	Embt L-MED (cu. yd.)
81+50.00	7	11
82+00.00	7	11
82+50.00	6	11
83+00.00	5	10
83+50.00	5	9
84+00.00	6	9
84+50.00	6	9
85+00.00	6	8
85+50.00	18	3
86+00.00	36	0
86+50.00	20	0

Station L-RT L	Uncl. Exc. L-RT (cu. yd.)	Embt L-RT (cu. yd.)
27+00.00	0	0
27+50.00	79	0
28+00.00	48	8
28+50.00	29	29
29+00.00	36	36
29+50.00	51	17
30+00.00	87	2
30+50.00	124	0
31+00.00	112	0
31+50.00	82	0
32+00.00	63	0
32+50.00	49	9
33+00.00	43	30
33+50.00	46	21

Station L-RT L	Uncl. Exc. L-RT (cu. yd.)	Embt L-RT (cu. yd.)
33+50.00	0	0
34+00.00	56	0
34+50.00	173	0
35+00.00	256	0
35+50.00	277	1
36+00.00	272	2
36+50.00	219	4
37+00.00	119	6
37+50.00	36	12
38+00.00	6	79
39+00.00	8	141
40+50.00	7	13
41+00.00	13	71
41+50.00	11	107
42+00.00	16	59
42+50.00	82	13
43+00.00	134	8
43+50.00	100	8
44+00.00	80	7
44+50.00	86	5

Station L-RT L	Uncl. Exc. L-RT (cu. yd.)	Embt L-RT (cu. yd.)
45+00.00	65	7
45+50.00	30	25
46+00.00	59	21
46+50.00	140	3
47+00.00	228	1
47+50.00	237	0
48+00.00	102	27
48+50.00	8	76
49+00.00	17	60
49+50.00	83	24
50+00.00	154	32
50+50.00	198	37
51+00.00	211	28
51+50.00	169	19
52+00.00	127	19
52+50.00	119	18
53+00.00	135	17
53+50.00	146	15
54+00.00	145	20
54+50.00	134	31
55+00.00	157	36
55+50.00	173	39
56+00.00	173	42
56+50.00	178	44
57+00.00	193	40
57+50.00	221	32
58+00.00	188	30
58+50.00	140	25
59+00.00	205	26
59+50.00	219	35
60+00.00	81	181

Station L-RT L	Uncl. Exc. L-RT (cu. yd.)	Embt L-RT (cu. yd.)
60+00.00	0	0
60+50.00	2	720
61+00.00	0	1227
61+50.00	0	1352
62+00.00	0	1566
62+50.00	0	1750
63+00.00	0	1778
63+50.00	0	1773
64+00.00	0	1749
64+50.00	0	1773
65+00.00	0	1690
65+50.00	0	1614
66+00.00	0	1616
66+50.00	0	1516

Station L-RT L	Uncl. Exc. L-RT (cu. yd.)	Embt L-RT (cu. yd.)
67+00.00	0	1391
67+50.00	0	1336
68+00.00	0	1301
68+50.00	0	1195
68+72.48	0	495
69+00.54	0	309

Station L-RT L	Uncl. Exc. L-RT (cu. yd.)	Embt L-RT (cu. yd.)
71+52.54	0	0
71+72.60	0	141
72+00.00	0	384
72+50.00	0	715
73+00.00	0	712
73+50.00	0	646
74+00.00	0	614
74+50.00	0	650
75+00.00	0	661
75+50.00	0	652
76+00.00	0	641
76+50.00	0	615
77+00.00	0	587
77+50.00	0	536
78+00.00	1	413
78+50.00	3	361
79+00.00	8	285

Station L-RT L	Uncl. Exc. L-RT (cu. yd.)	Embt L-RT (cu. yd.)
79+00.00	0	0
79+50.00	78	116
80+00.00	127	52
80+50.00	96	44
81+00.00	69	36
81+50.00	48	29
82+00.00	48	22
82+50.00	59	13
83+00.00	60	10
83+50.00	57	14
84+00.00	55	16
84+50.00	68	8
85+00.00	81	0

Station L-RT L	Uncl. Exc. L-RT (cu. yd.)	Embt L-RT (cu. yd.)
85+50.00	85	0
86+00.00	92	0
86+50.00	46	0

Station RAMP C Rpc	Uncl. Exc. RAMP C (cu. yd.)	Embt RAMP C (cu. yd.)
11+00.00	0	0
11+50.00	20	0
12+00.00	38	0
12+50.00	68	0
13+00.00	174	1
13+50.00	353	0
14+00.00	440	0
14+50.00	482	0
15+00.00	594	0
15+50.00	634	0
16+00.00	536	0
16+50.00	323	0
17+00.00	117	43
17+50.00	33	91
18+00.00	26	117
18+50.00	27	122
19+00.00	27	116
19+50.00	23	117
20+00.00	39	58
20+50.00	56	16
21+00.00	44	18
21+50.00	17	5

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-1

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

320
310

-DET2-
11+39.12
307.41
57+50.00

320
310

-DET2-
10+89.04
308.75
57+00.00

320
310

-DET2-
10+38.97
309.89
56+50.00

320
310

311.07
56+00.00

"QUANTITIES ARE APPROXIMATE ONLY. THE RESIDENT ENGINEER WILL RECROSS-SECTION THE WORK ACCURATELY WHEN THE PROJECT IS STAKED OUT. THESE CROSS-SECTION NOTES WILL BE USED IN COMPUTING THE FINAL QUANTITIES FOR WHICH THE CONTRACTOR WILL BE PAID."

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-JAN-2005 15:25
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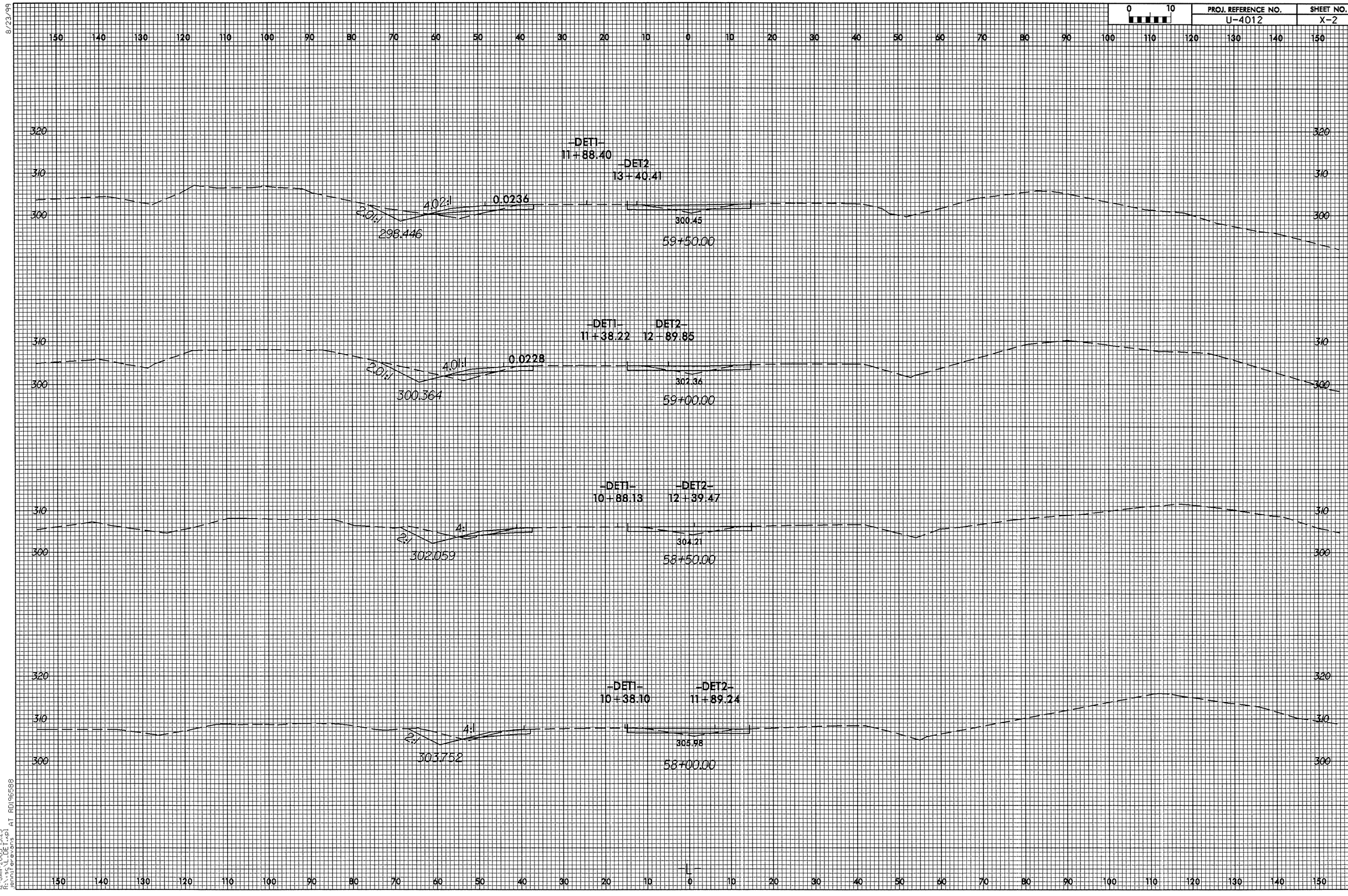
Jerri Parsons AT RQ196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-2



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jenni.stevens

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-3

-DET1- 13+39.88 -DET2- 14+91.56

2.03%

4.06%

0.0044

292.45

293.98

61+00.00

-DET1- 12+89.20 -DET2- 14+41.33

2.02%

4.05%

0.0161

294.30

296.39

60+50.00

-DET1- 12+38.72 -DET2- 13+90.96

2.02%

4.03%

0.0253

296.12

298.55

60+00.00

-L-

12-JAN-2005 15:26
R:\xsc\L_DET1.pl AT RD196588
jennifereevans

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-4

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300
290
280
270
260

-DET1- 14+40.90
-DET2- 15+91.73

2.0% 40% 0.0228 40% 4.0%

288.306

288.74

62+00.00

-DET1- 13+90.49
-DET2- 15+41.68

2.0% 4.0% 0.0092

290.222

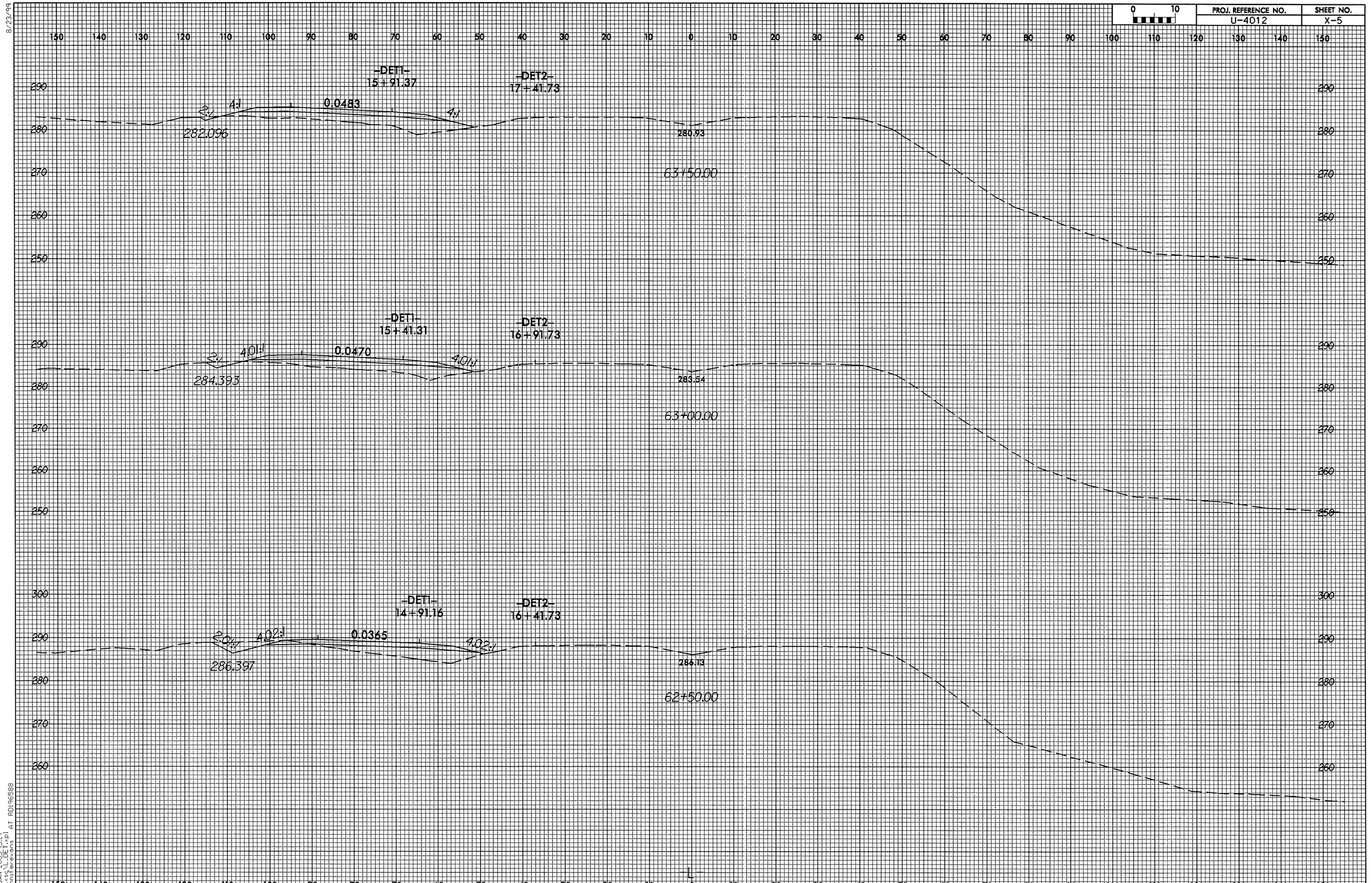
291.39

61+50.00

12-JAN-2005 15:27
R:\vss\L_DET.rpl
Jennifer.evans AT RDI96588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-5



12-JAN-2005 15:27
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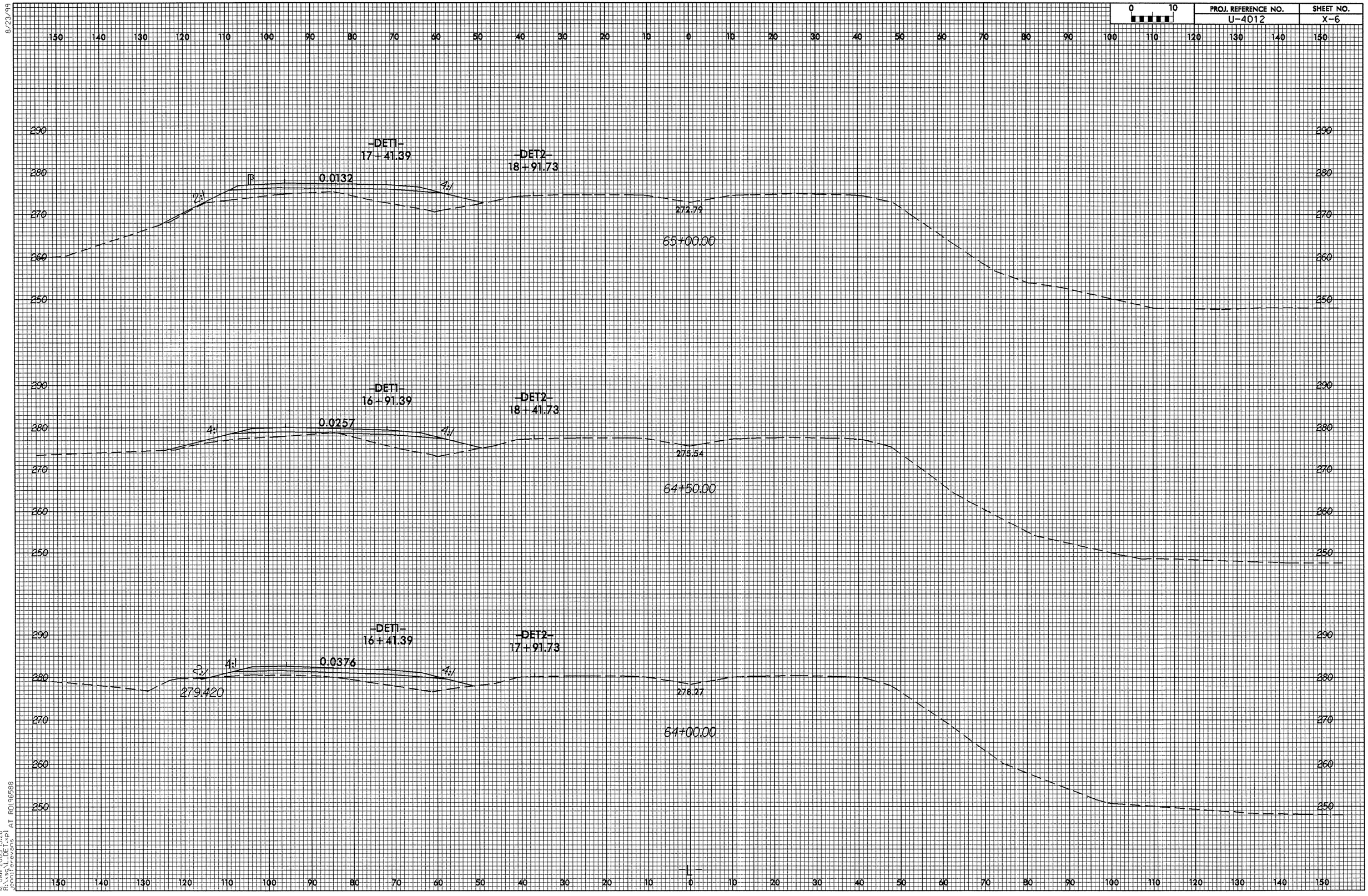
jennifer.evans AT RD196588

8/23/99

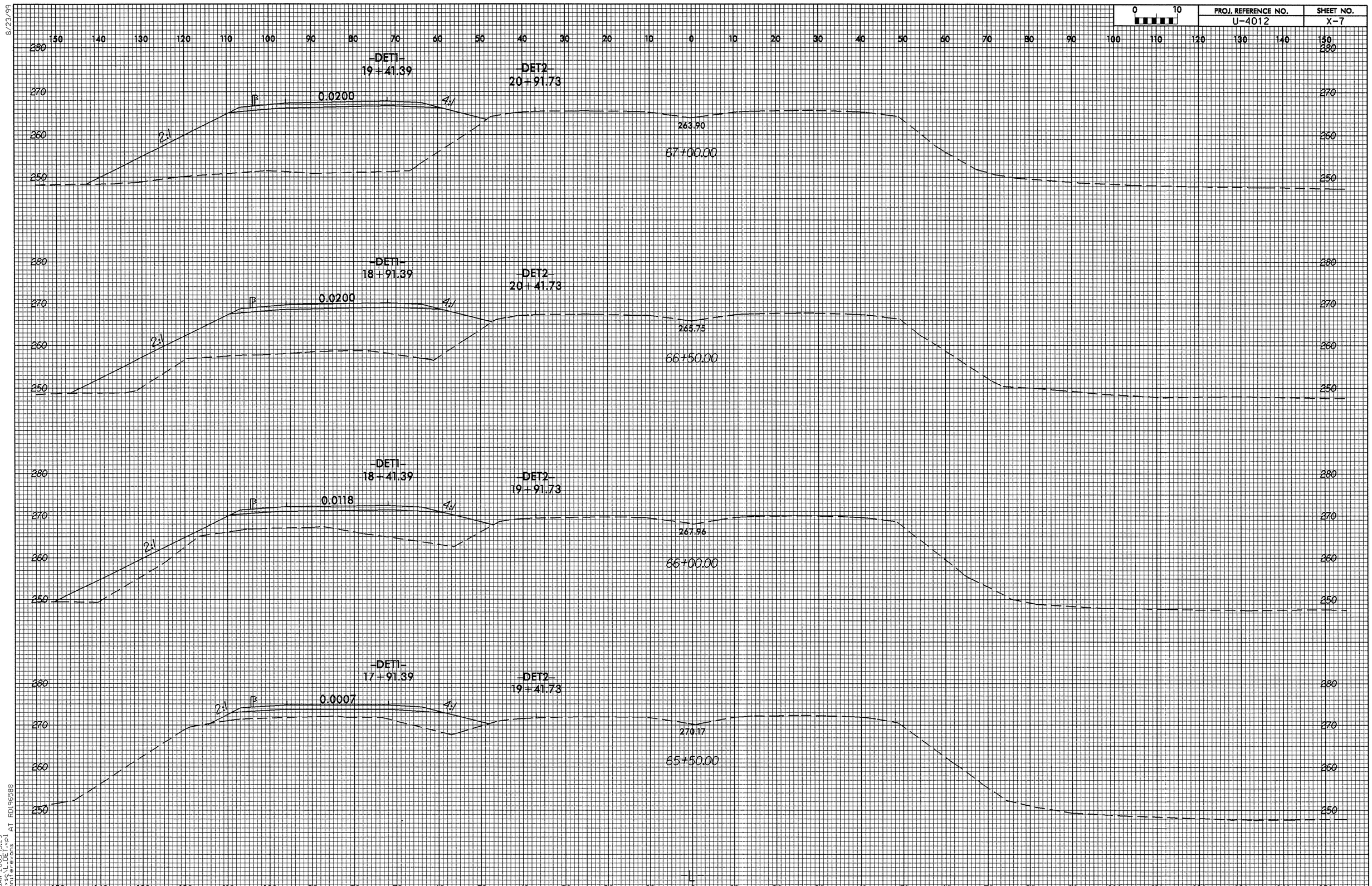
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-6



12-JAN-2005 15:28
R:\sc\L_DET.dgn
jennifer.evans
AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-7



12-JAN-2005 15:29
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Jennifer evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-8

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

270 260 250

-DET1-
21+41.39

-DET2-
22+91.73

0.0200

2:1

4:1

259.47

69+00.00

-DET1-
20+91.39

-DET2-
22+41.73

0.0200

2:1

4:1

259.84

68+50.00

-DET1-
20+41.39

-DET2-
21+91.73

0.0200

2:1

4:1

260.65

68+00.00

-DET1-
19+91.39

-DET2-
21+41.73

0.0200

2:1

4:1

262.50

67+50.00

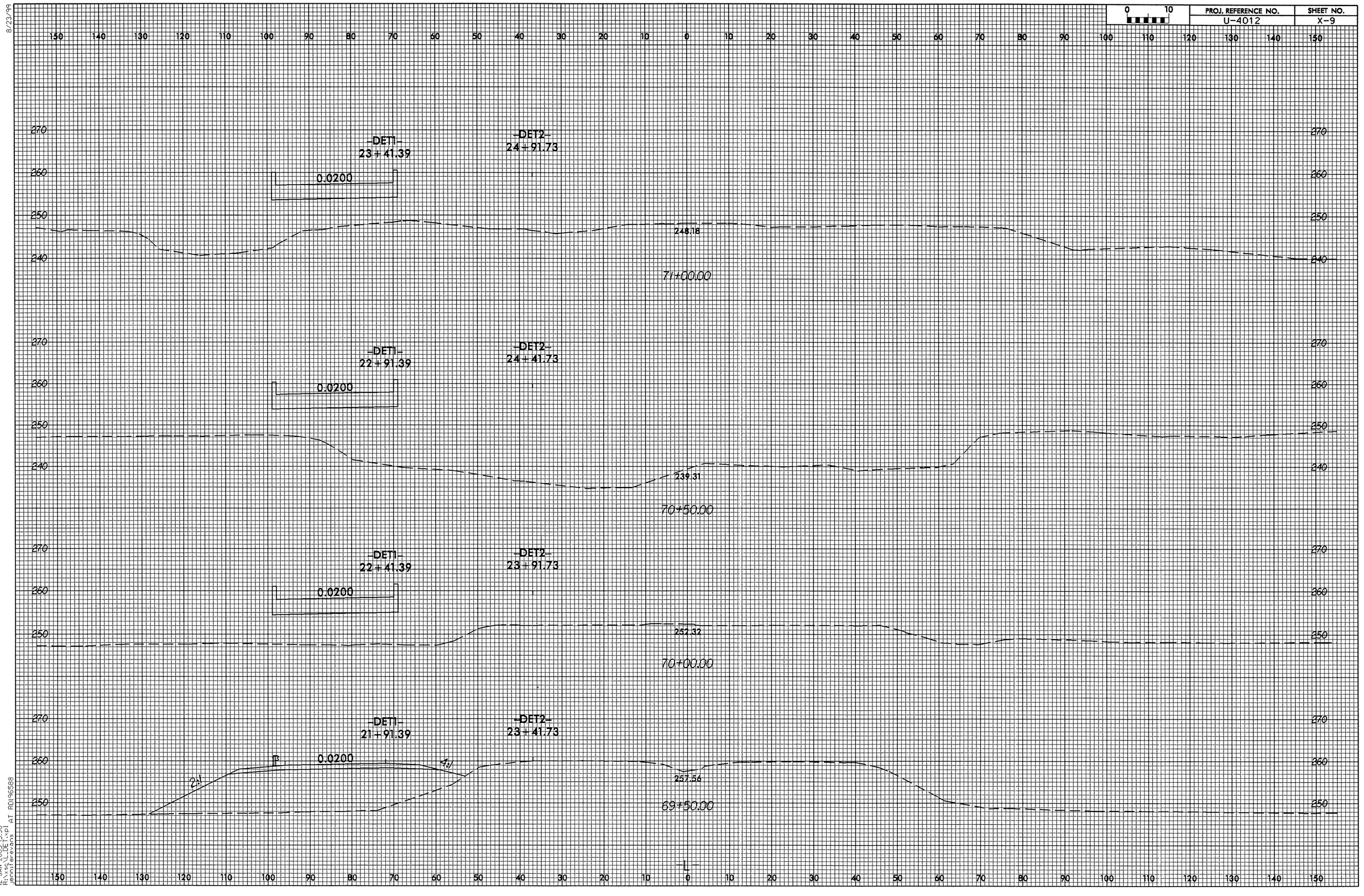
L

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

12-JAN-2005 15:29
R:\vas\L_DET.xpl
jennifer.evans
AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-9



12-JAN-2005 15:30
R:\vsc\L_DET.xpl AT RQ196588
Jennifer Evans

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-10

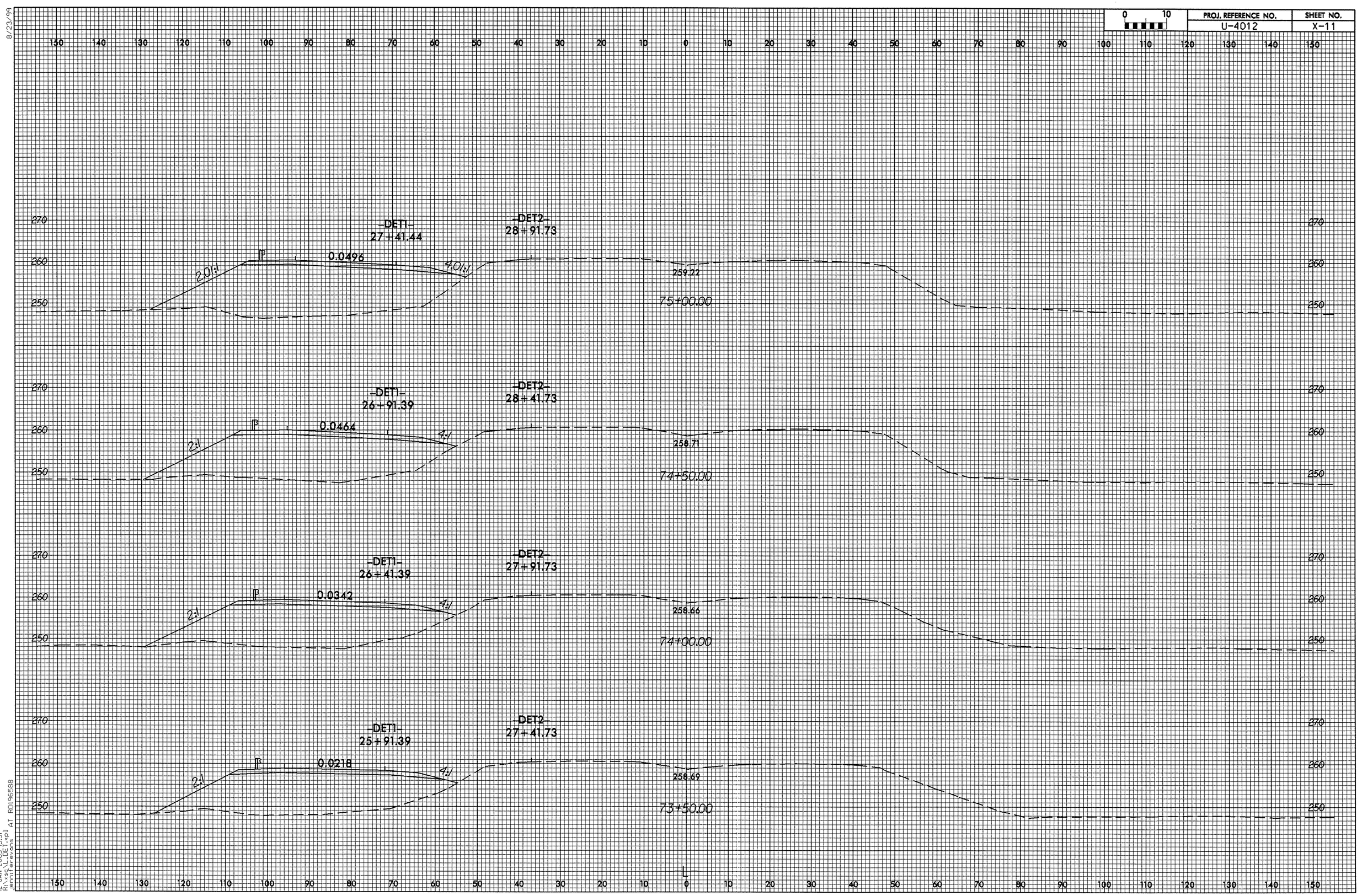
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

12-JAN-2005 15:31
R:\sgl_DET.xpl
Jennifer Sons AT RD19E588

8/23/99

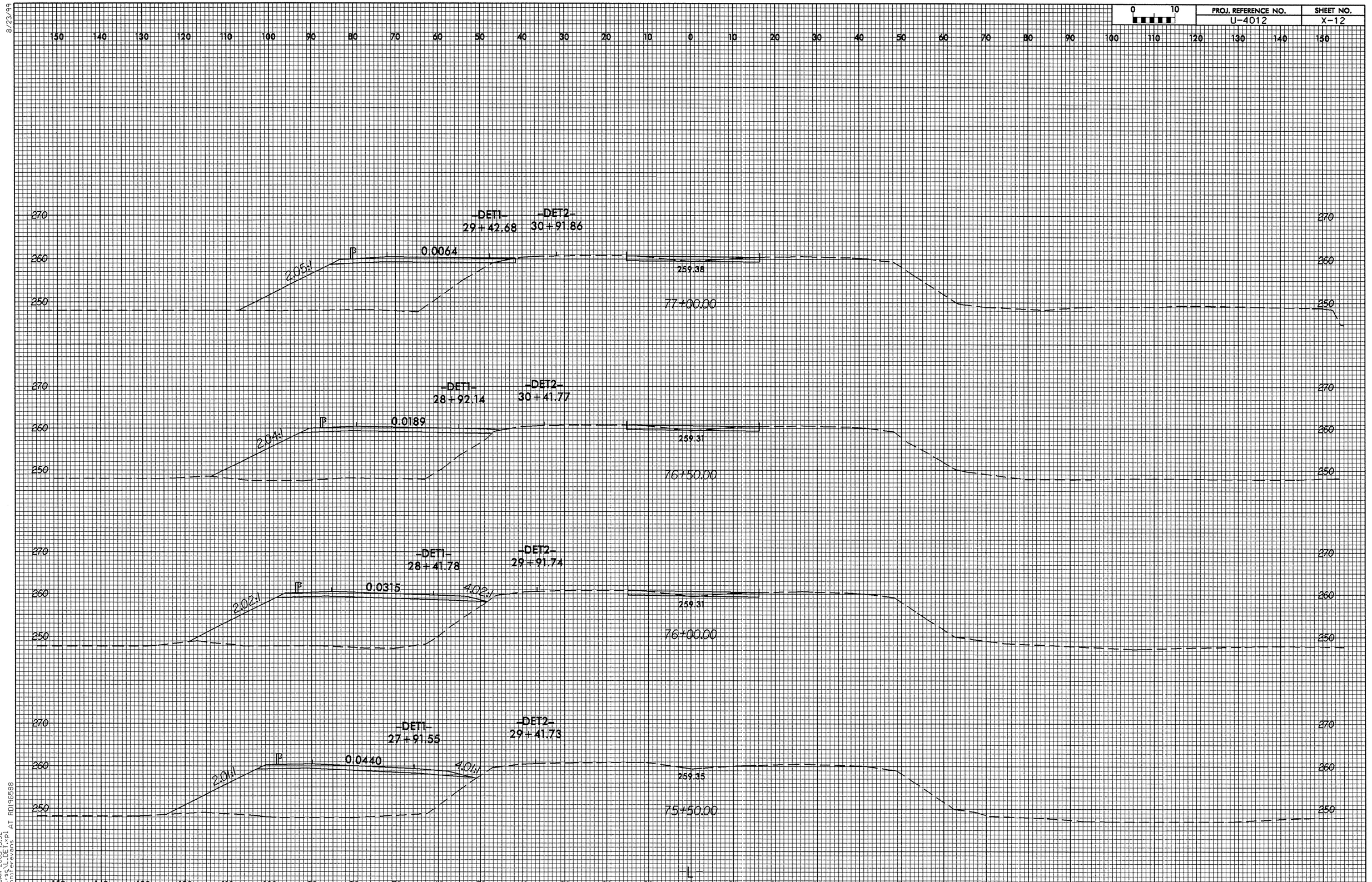
PROJ. REFERENCE NO.	SHEET NO.
U-4012	X-11



12-JAN-2005 15:31
R:\vsc\L_DET.xpl
jennifer evans
AT R0196588

8/23/99

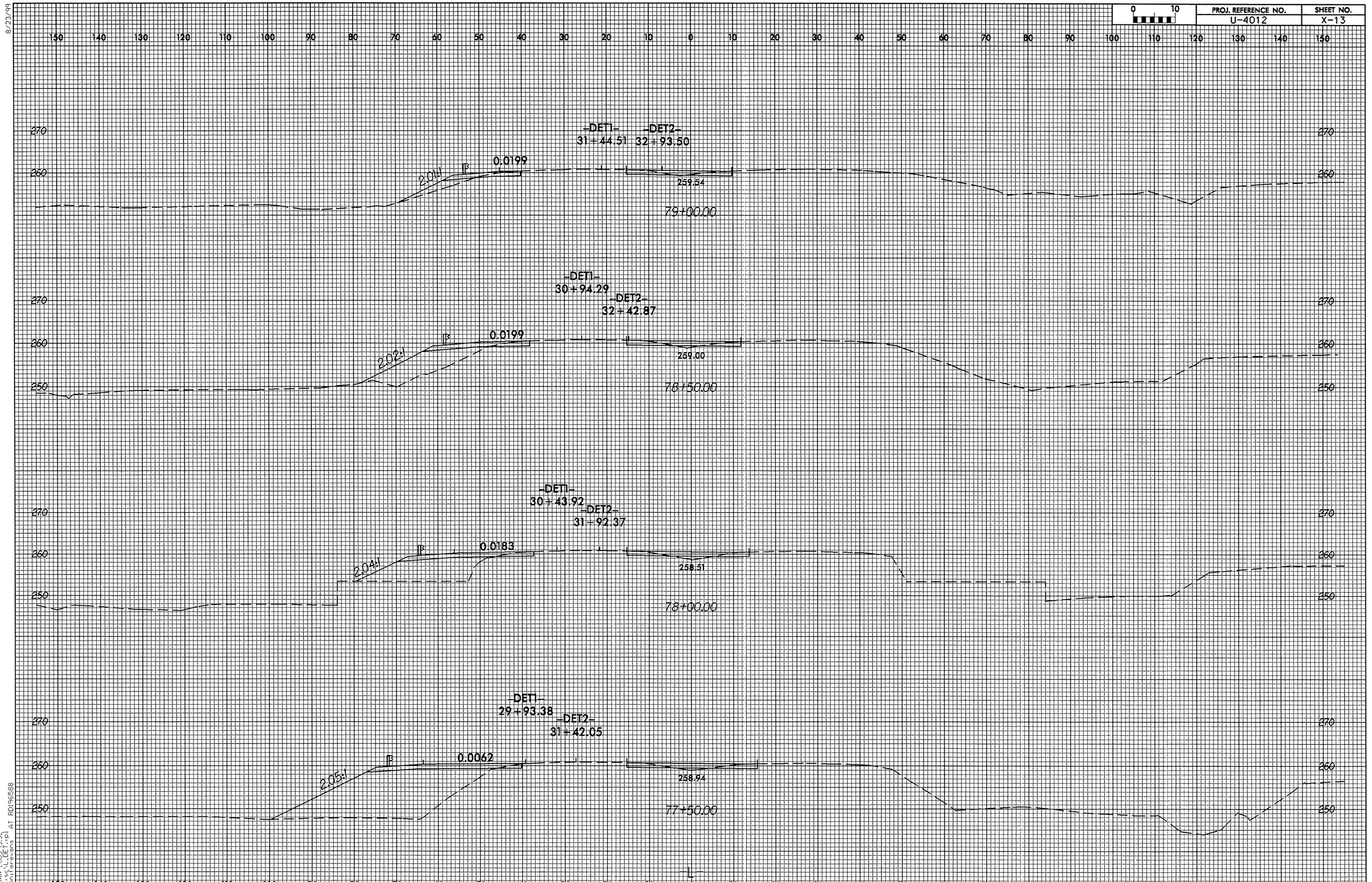
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-12



12-JAN-2005 15:32
R:\sc\L_DET.xpl
jennifer-evans
AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-13



12-JAN-2005 15:32
R:\vsc\L-DET.xpl
jenniferevans
aT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-14

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

260

262.58

82+00.00

270

260

-DET2-
35+44.60

261.90

81+50.00

270

260

-DET2-
34-94.57

261.48

81+00.00

270

260

-DET1-
32+94.68

-DET2-
34+44.48

260.86

80+50.00

270

260

-DET1-
32+44.67

-DET2-
33+94.30

260.47

80+00.00

270

260

-DET1-
31+94.63

-DET2-
33+43.98

260.07

79+50.00

L

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

12-JAN-2005 15:33
R:\sg\L_DET.xpl
jennifer.evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-15

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

330
320
310

-DET2-
11+39.12

-DET3-
11+39.58

0.0200

307.41

57+50.00

-DET2-
10+89.04

-DET3-
10+89.51

0.0200

308.75

57+00.00

-DET2-
10+38.97

-DET3-
10+39.53

0.0200

309.89

56+50.00

311.07

56+00.00

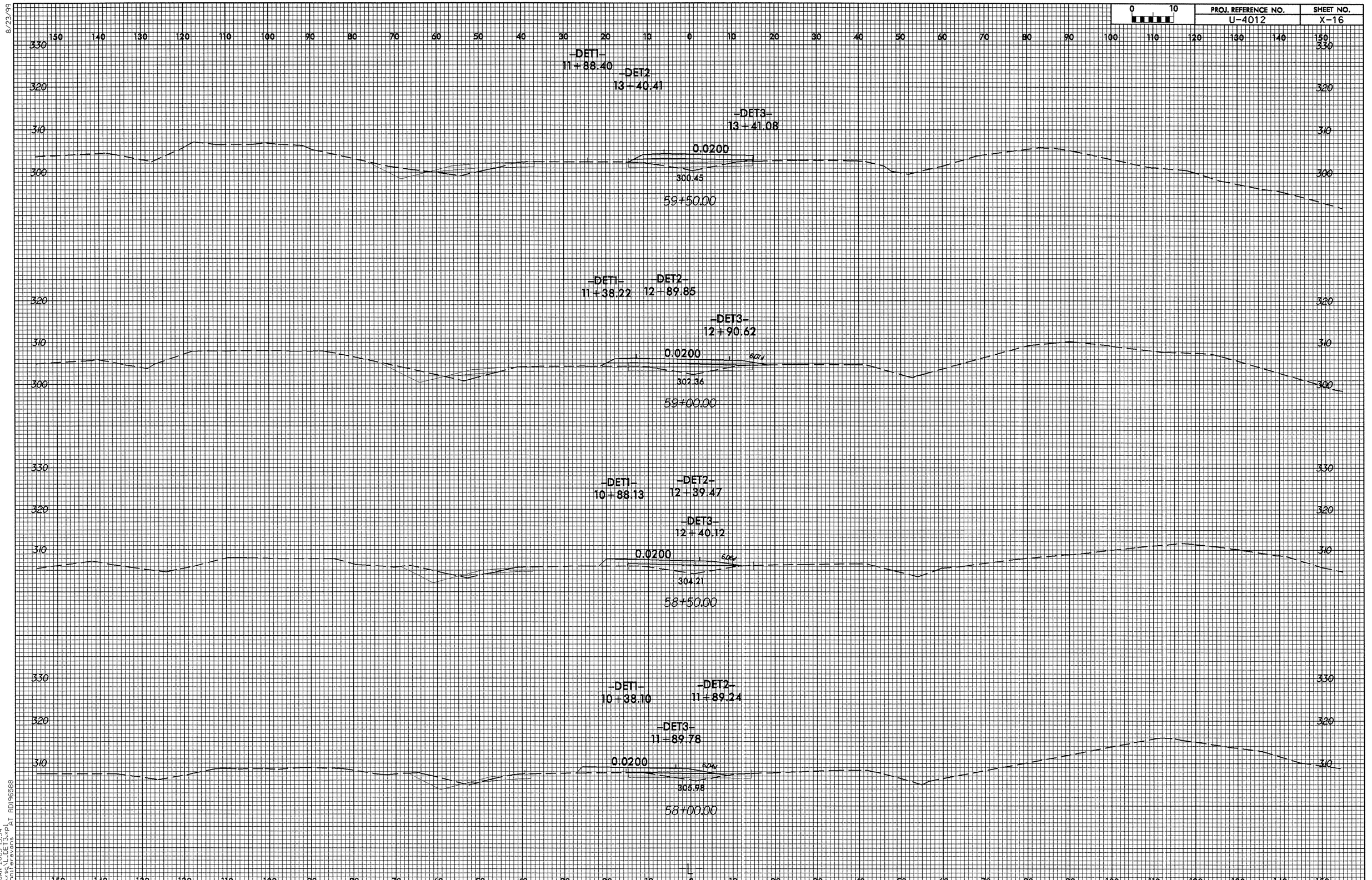
-L-

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

12-JAN-2005 15:34
R:\sql\DET3.pl
jennifer.evans AT RD1946568

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-16



12-JAN-2005 15:34
R:\vss\L_DET3.xpl
Jennifer Evans PAT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-17

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

320
310
300
290
280
270

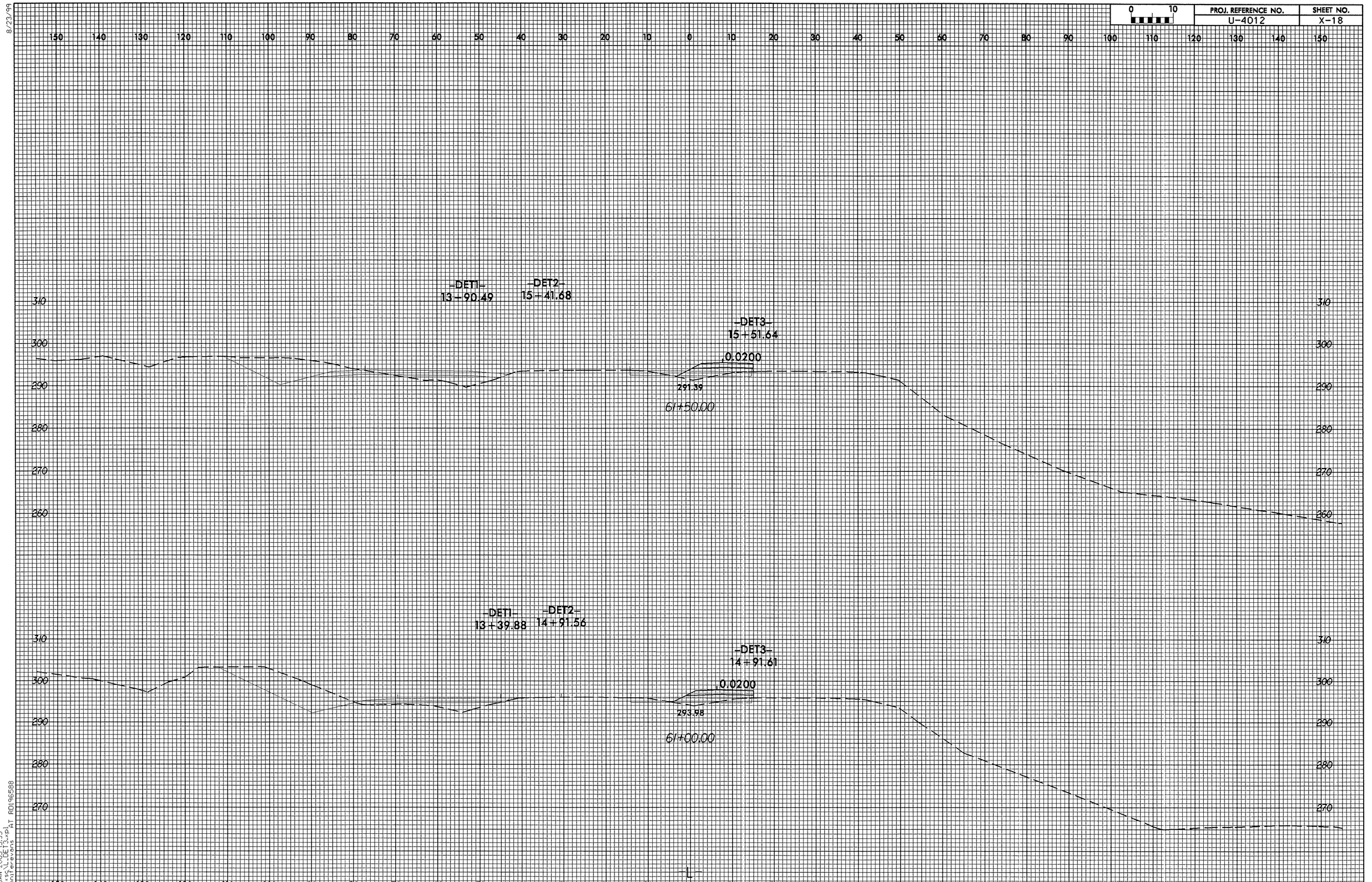
-DET1-
12+89.20
-DET2-
14+41.33
-DET3-
14+41.54
0.0200
296.39
60+50.00

-DET1-
12+38.72
-DET2-
13+90.96
-DET3-
13+91.37
0.0200
298.55
60+00.00

12-JAN-2005 15:35
R:\95\L_DET3.xpl
jenn\elevations AT RD196588

8/23/99

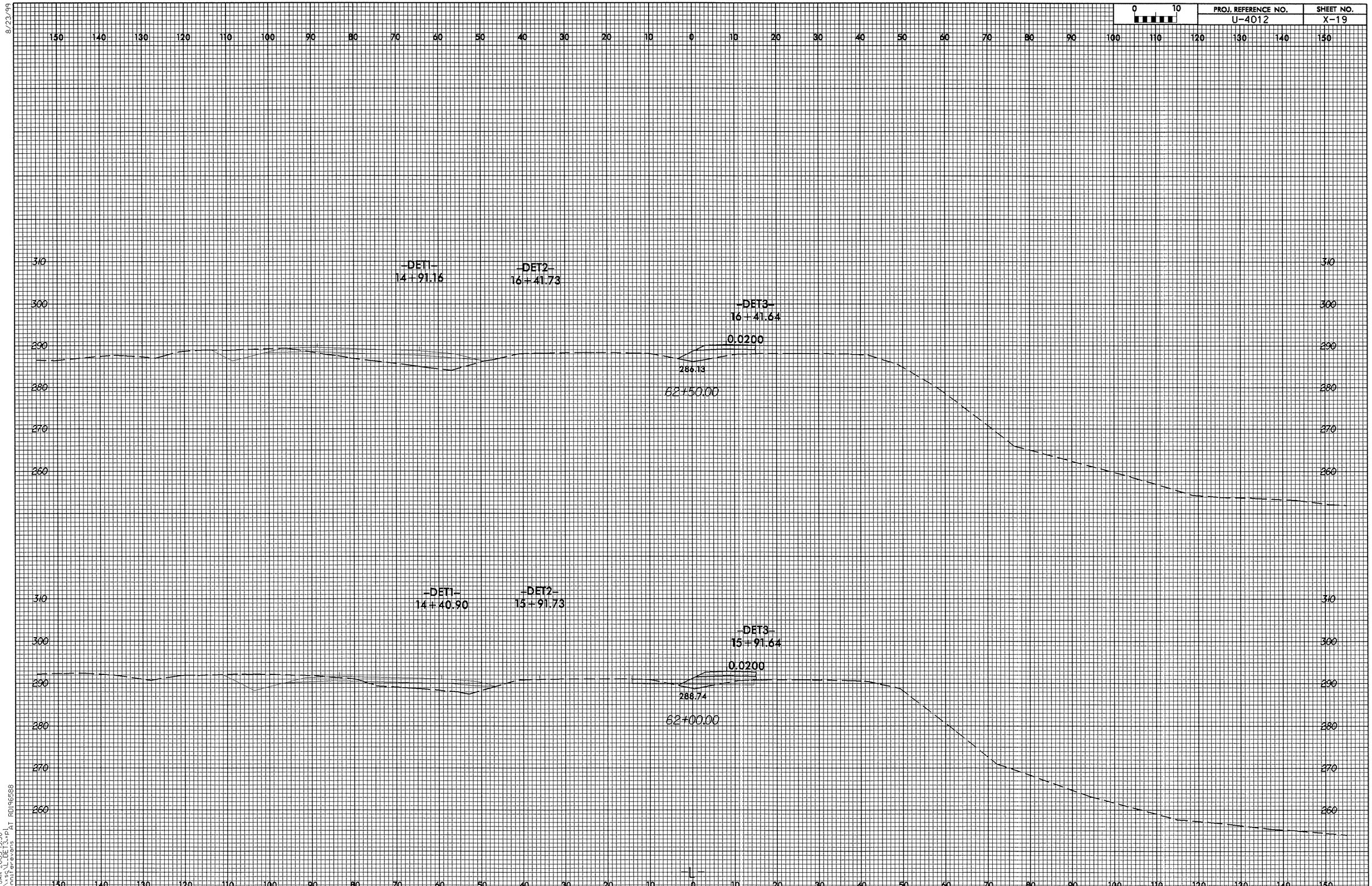
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-18



12-JAN-2005 15:35
R:\sic\L_DET3.xpl
genmi1ervans AT RDI96588

8/23/99

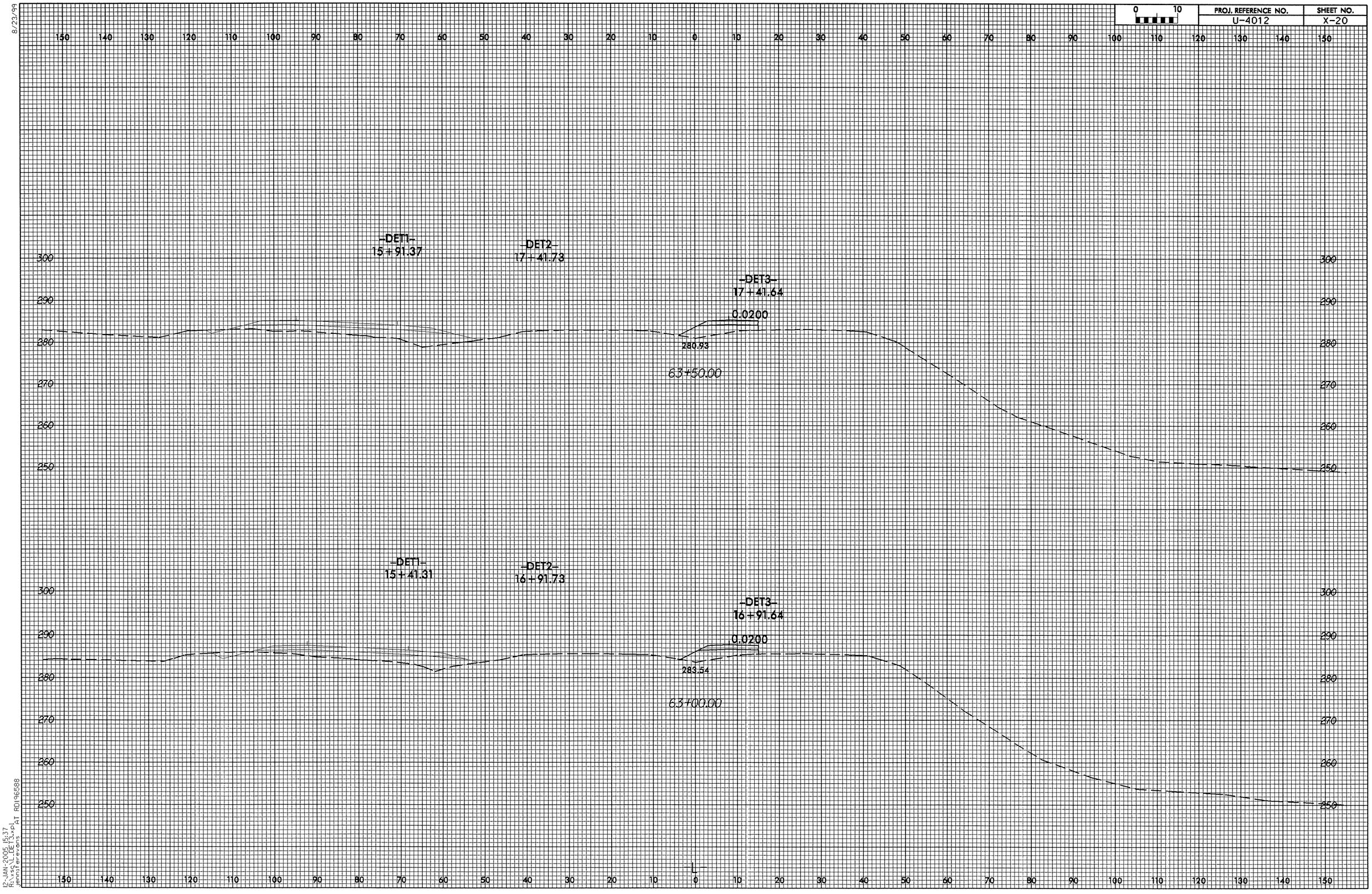
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-19



12-JAN-2005 15:36
R:\X\U4012\DET\X19.dgn
jennifer.evans AT RDI96568

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-20



12-JAN-2005 15:37
R:\vsg\L_DET3.xpl
jennifer.evans AT RDI96588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-21

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

300
290
280
270
260
250

-DET1-
16+91.39

-DET2-
18+41.73

-DET3-
18+41.64

0.0200

275.54

64+50.00

-DET1-
16+41.39

-DET2-
17+91.73

-DET3-
17+91.64

0.0200

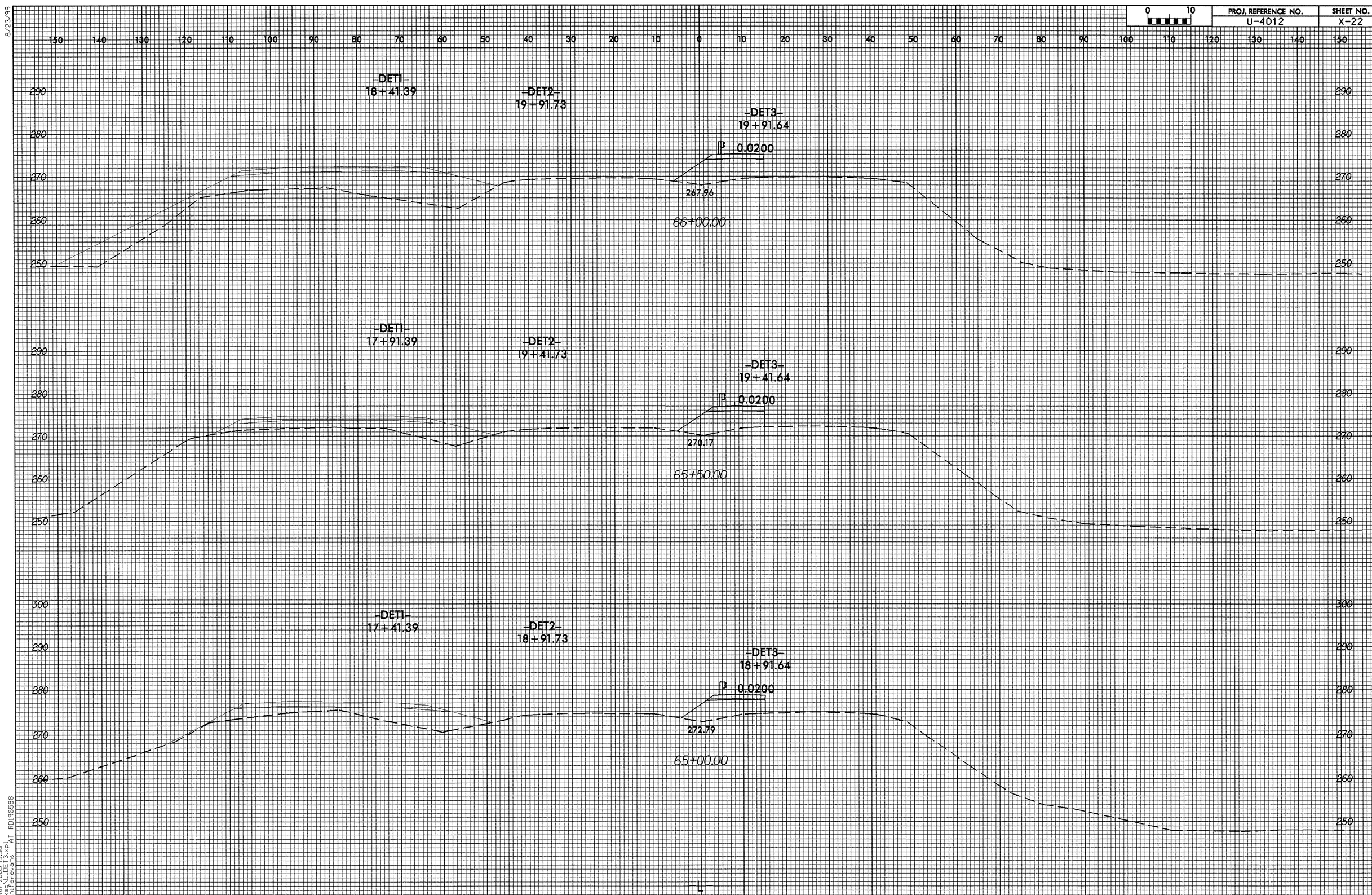
278.27

64+00.00

12-JAN-2005 15:37
R:\vsc\L_DET3.prt
jennifer.evans AT RD196588

8/23/99

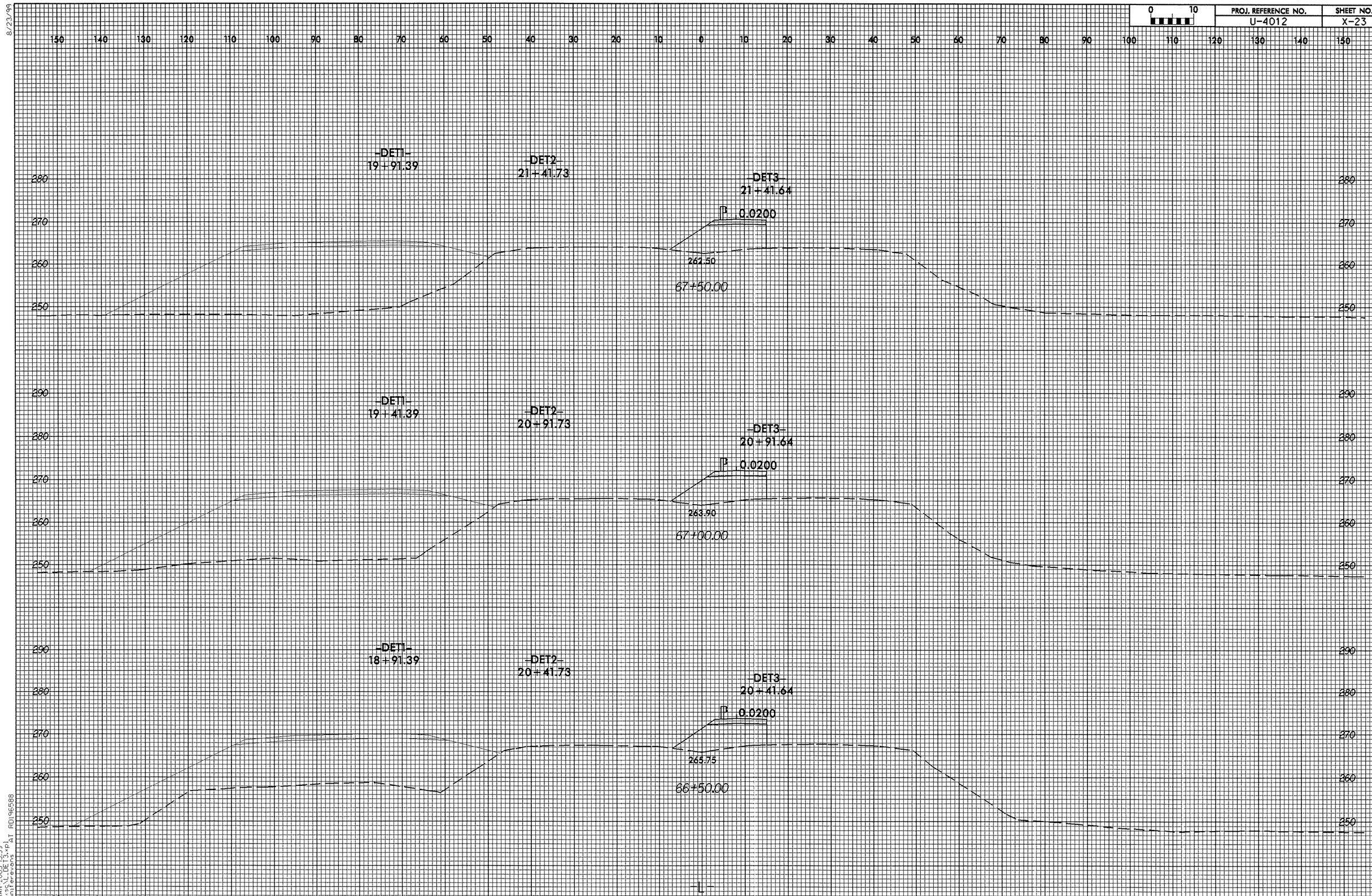
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-22



12-JAN-2005 15:38
R:\sge\d_det3.prl
gemillerevans AT RDI96588

8/23/99

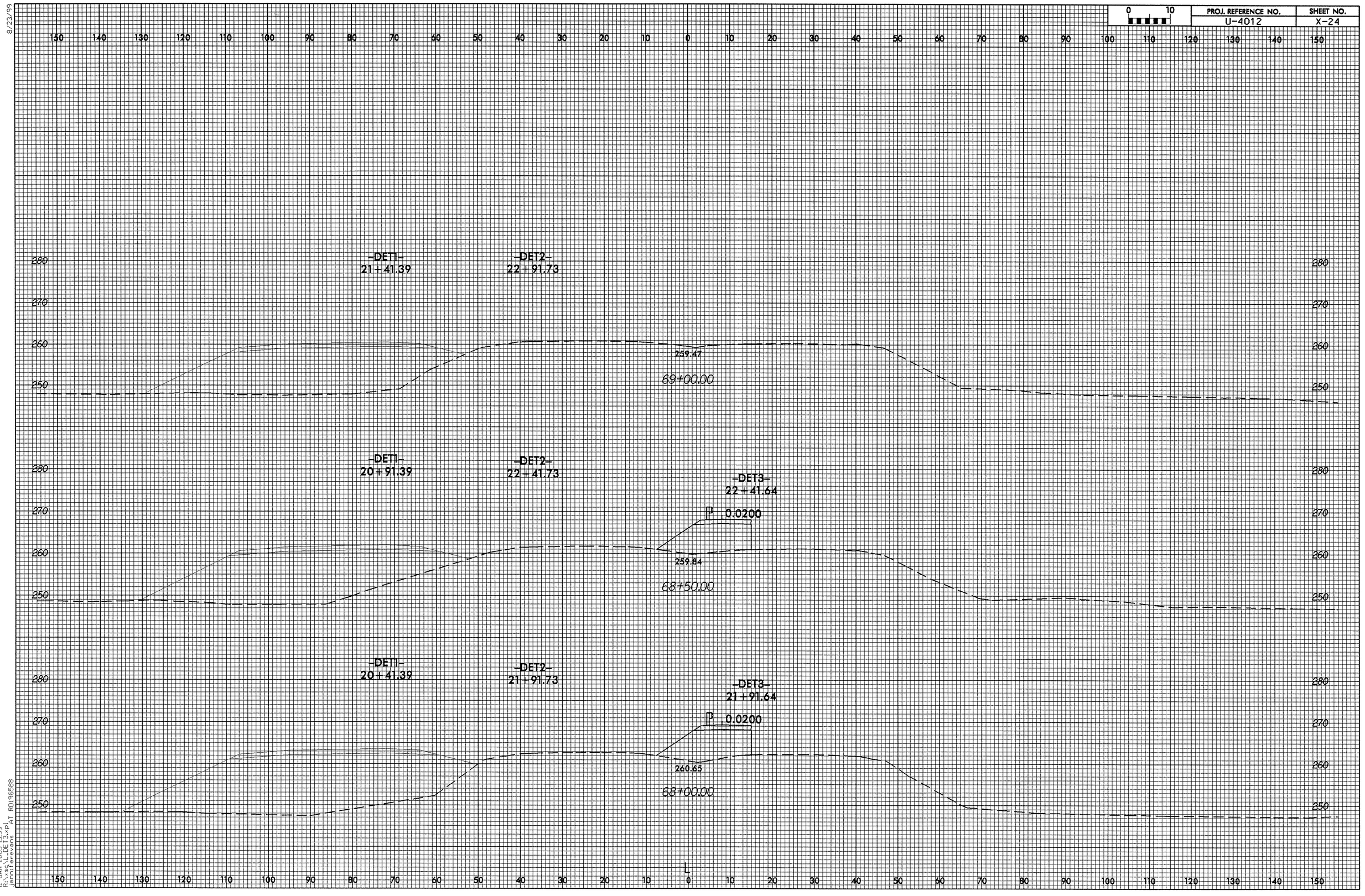
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-23



12-JAN-2005 15:39
R:\sdl\DET3.xpl AT RD196588
jennifer.evans

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-24



12-JAN-2005 15:39
R:\vsc\L_DET3.prl
jennifer.evans AT RD1965B8

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-25

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

280
270
260
250
240

-DET1-
22+91.39

-DET2-
24+41.73

239.31

70+50.00

280
270
260
250

-DET1-
22+41.39

-DET2-
23+91.73

252.32

70+00.00

280
270
260
250

-DET1-
21+91.39

-DET2-
23+41.73

257.56

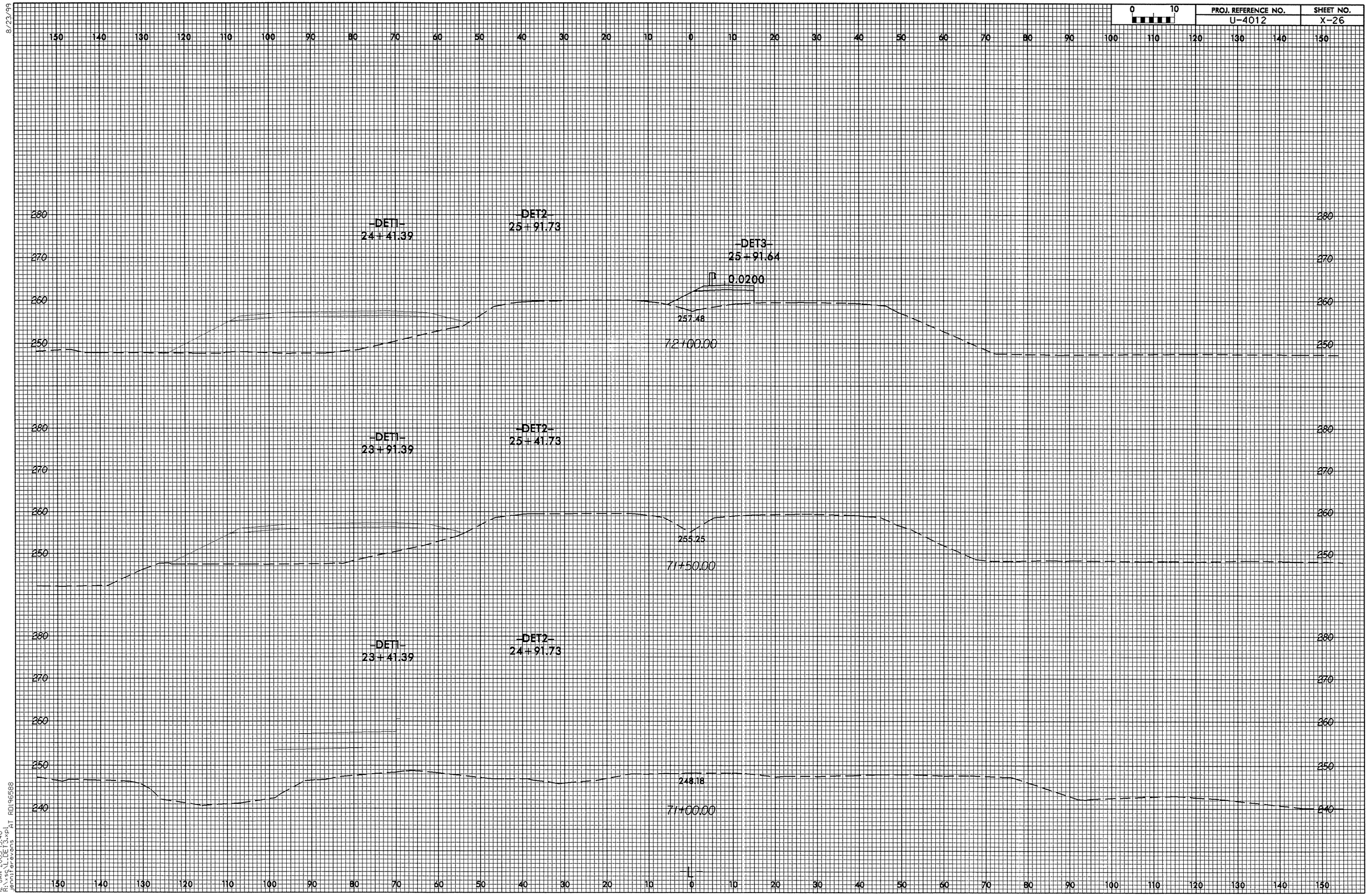
69+50.00

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

12-JAN-2005 15:40
R:\vsc\L_DET3.>PLT RD196588
agent1e-e-ons

8/23/99

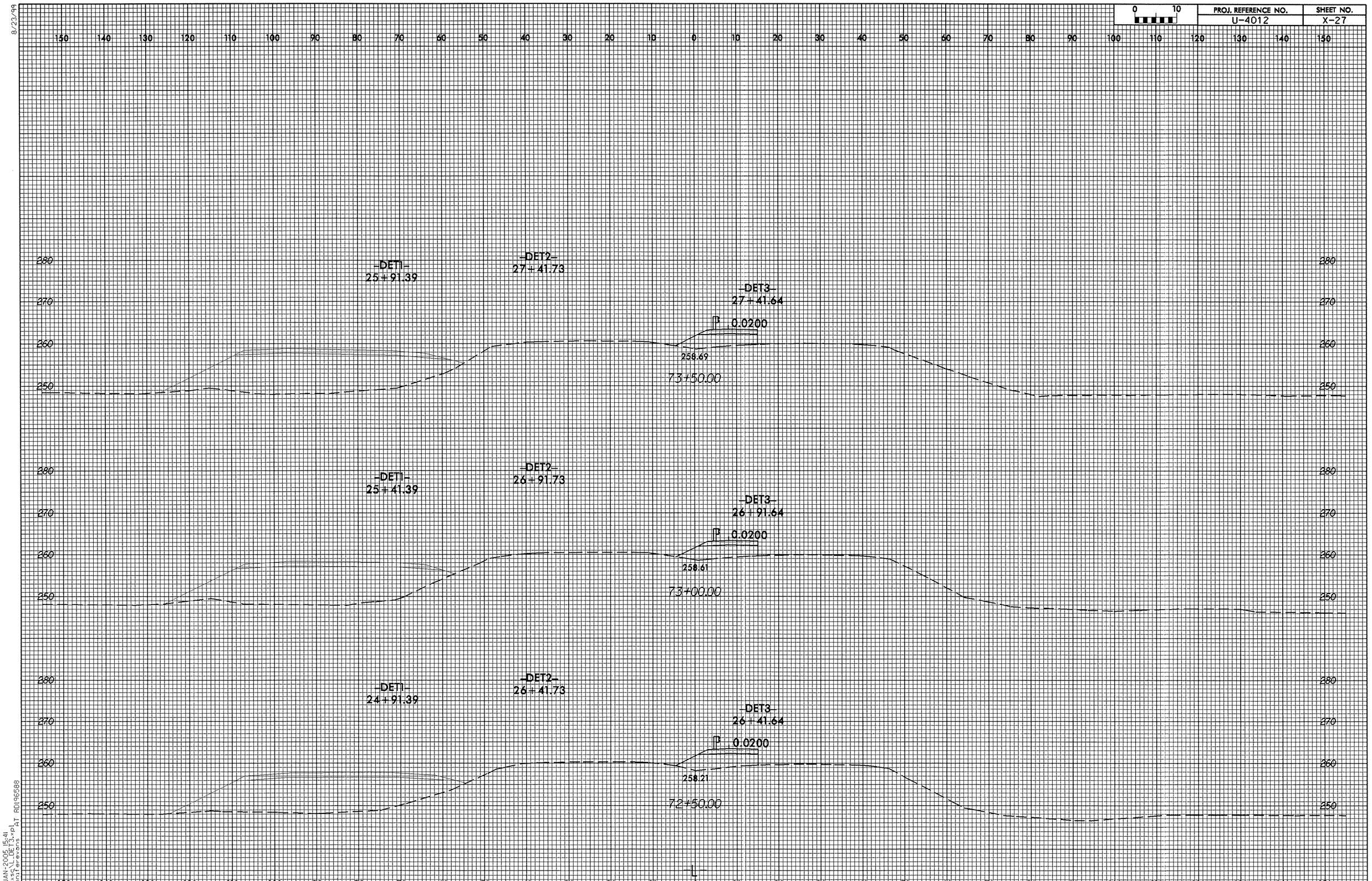
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-26



12-JAN-2005 15:40
R:\vsc\L_DET3.xpl
jennifer.evans
A1 RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-27



12-JAN-2005 15:41
R:\MAY\DET_TS.dgn
jennifer.evans
PAT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-28

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

280
270
260
250

-DET1-
27+41.44

-DET2-
28+91.73

-DET3-
28+91.64
0.0200
259.22
75+00.00

280
270
260
250

-DET1-
26+91.39

-DET2-
28+41.73

-DET3-
28+41.64
0.0200
258.71
74+50.00

280
270
260
250

-DET1-
26+41.39

-DET2-
27+91.73

-DET3-
27+91.64
0.0200
258.66
74+00.00

-L-

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

12-JAN-2005 15:42
R:\sg\L_DET3.pl
jennifer.evans AT RDI96588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-29

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

280 270 260 250

-DET1- 28+92.14

-DET2- 30+41.77

-DET3- 30+41.64

0.0200

259.31

76+50.00

280 270 260 250

-DET1- 28+41.78

-DET2- 29+91.74

-DET3- 29+91.64

0.0200

259.31

76+00.00

280 270 260 250

-DET1- 27+91.55

-DET2- 29+41.73

-DET3- 29+41.64

0.0200

259.35

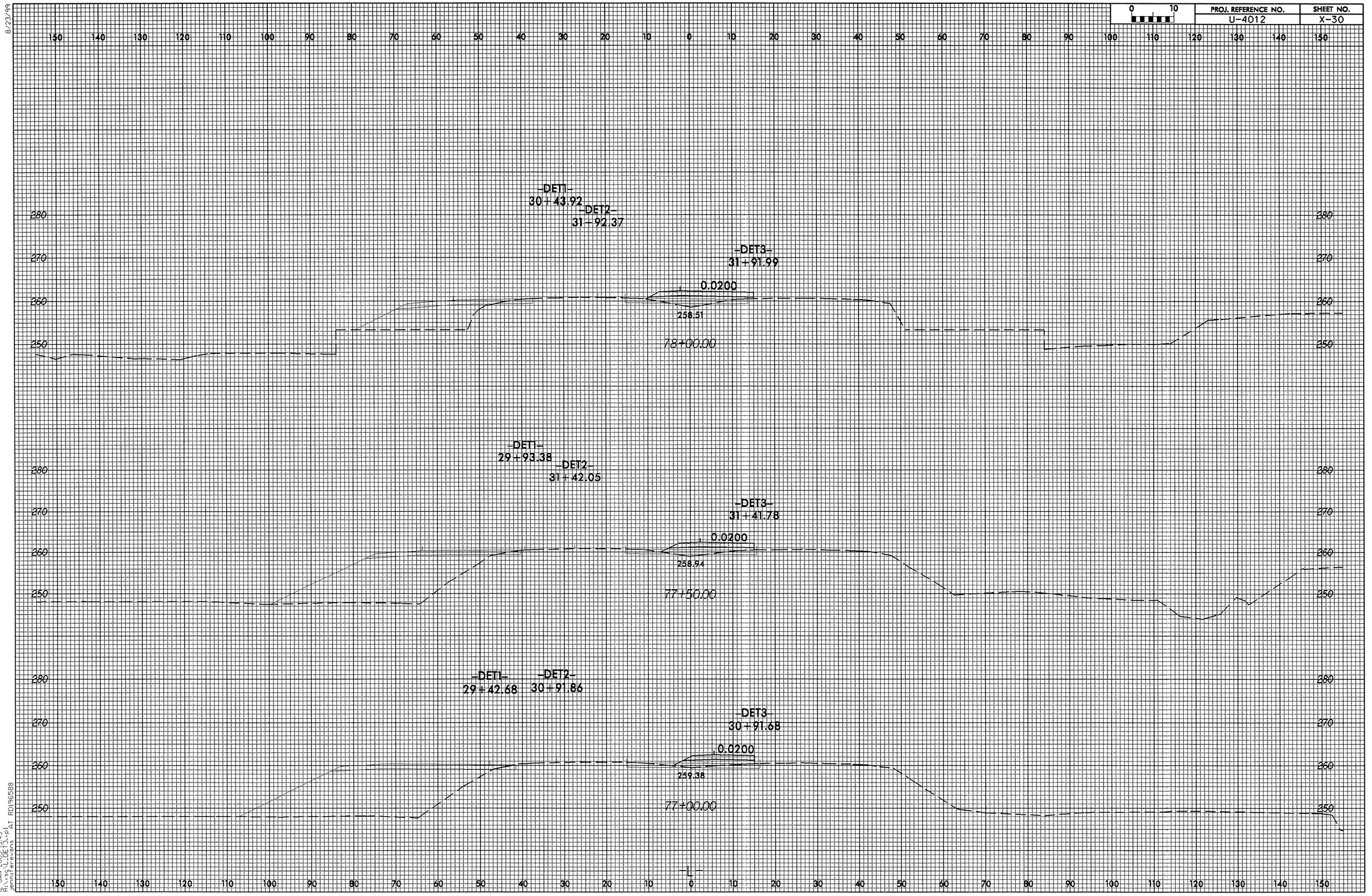
75+50.00

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

12-JAN-2005 15:42
R:\xsgs\L_DET3.xpl
jennifer.evans AIT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-30



12-JAN-2005 15:43
R:\sg\L\DET3.xpl
jamil.elenjora RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-31

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

280
270
260

-DET1- 32+44.67
-DET2- 33+94.30
-DET3- 33+93.64
0.0200
3.0% 2.0%
260.47
80+00.00

-DET1- 31+94.63
-DET2- 33+43.98
-DET3- 33+43.33
0.0200
3%
260.07
79+50.00

-DET1- 31+44.51
-DET2- 32+93.50
-DET3- 32+92.85
0.0200
6.0%
259.54
79+00.00

-DET1- 30+94.29
-DET2- 32+42.87
-DET3- 32+42.33
0.0200
259.00
78+50.00

250

-L-

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

12-JAN-2005 15:44
jennifer.evans
C:\projects\...\RD196588.dgn AT

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-32

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

260 262.58 260

82+00.00

280 -DET2- 35+44.60 280

270 -DET3- 35+43.94 270

0.0200

250 261.90 260

81+50.00

280 -DET2- 34+94.57 280

270 -DET3- 34+93.91 270

0.0200 3/4"

260 261.48 260

260783

81+00.00

280 -DET1- 32+94.68 -DET2- 34+44.48 280

270 -DET3- 34+43.82 270

0.0200 3/4"

260 260.86 260

260.39

80+50.00

-L-

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

12-JAN-2005 15:44
R:\sgs\L_DET3.pl
jennifer.evans AT RDI96588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-33

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

310

308.47

28+50.00

6:1

310

310

308.58

28+00.00

6:1

310

310

309.66

27+50.00

6:1

4.5A:1

307.343

310

310

310.41

27+00.00

6:1

6:1

308.296

310

310

311.50

26+50.00

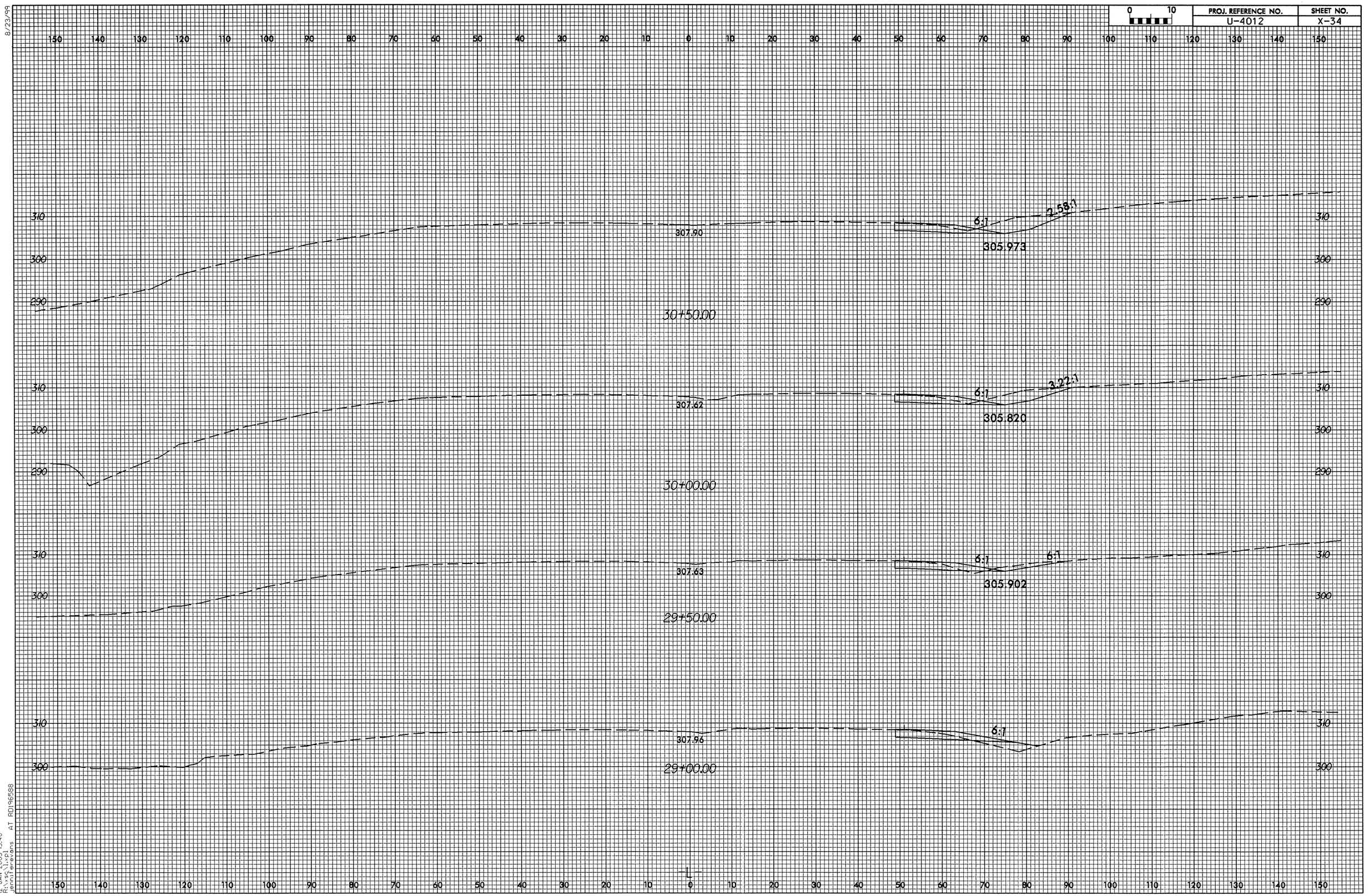
310

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-JAN-2005 15:45
R:\sgl\...\d1
Jarrett Parkway AT RD196588

8/23/99

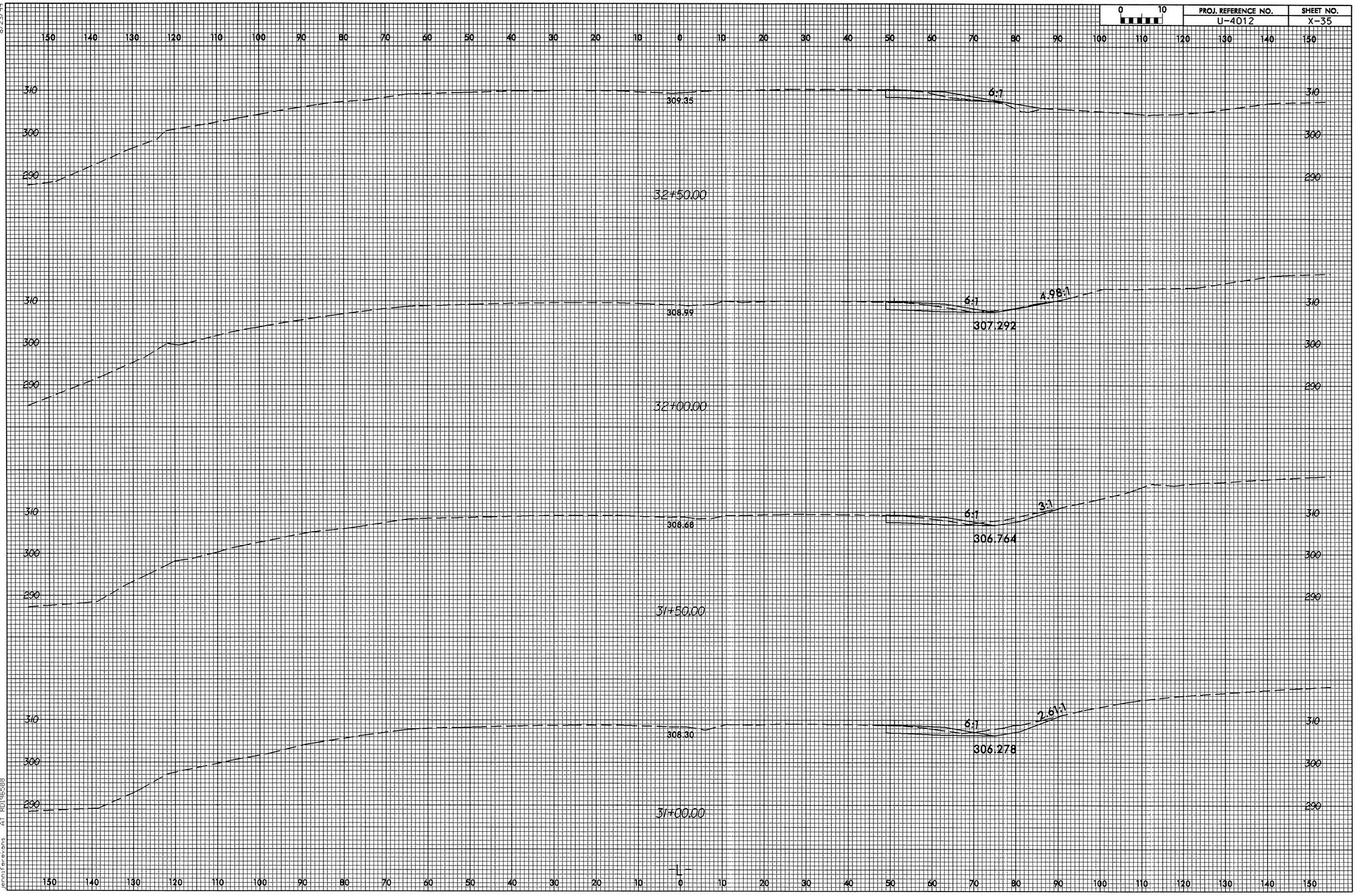
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-34



12-JAN-2005 15:46
R:\vsc\1.xpl
jennifer.evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-35



12-JAN-2005 15:46
R:\sc\1.xpl
jennifervans AT R0196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-36

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

320
310
300

6:1 0.0200 0.0200 0.0200 0.0200 6:1 2:1
312.50
310.558
35+00.00

320
310
300

2:1 2:1 6:1 0.0200 6:1 4:1 0.0200 0.0200 0.0200 6:1 2:1
306.560
311.04
D.P. 312.276
309.986
34+50.00

320
310
300

8:1 0.0200 6:1 4:1 0.0200 0.0200 0.0200 6:1 3:1
310.62
D.P. 311.379
309.523
34+00.00

310
300

6:1 6:1
310.63
308.913
33+50.00

310
300
290

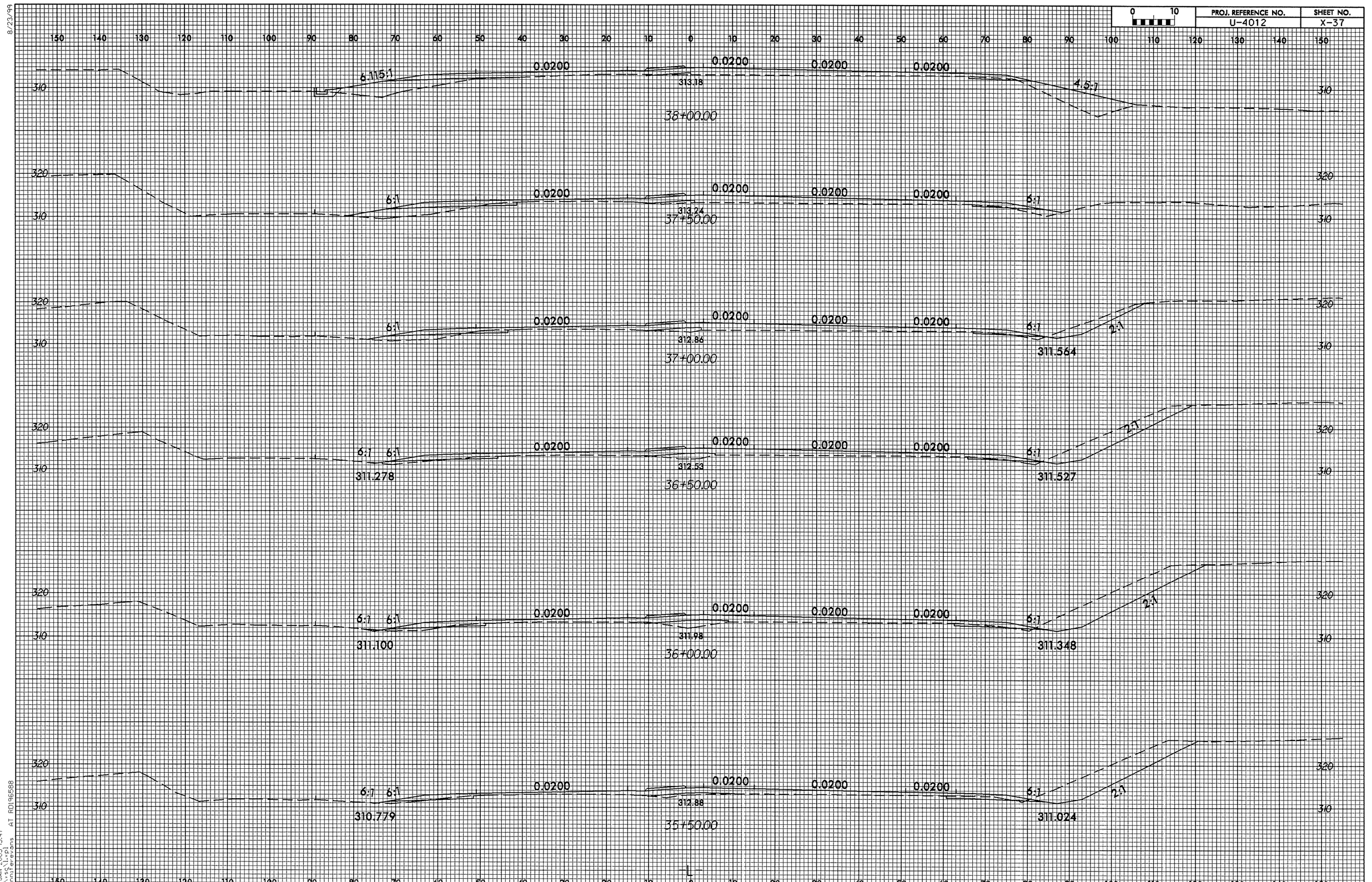
5.09:1
309.86
33+00.00

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

12-JAN-2005 15:47
R:\vss\1.pl
jennifer.evans AT RDI96588

8/23/99

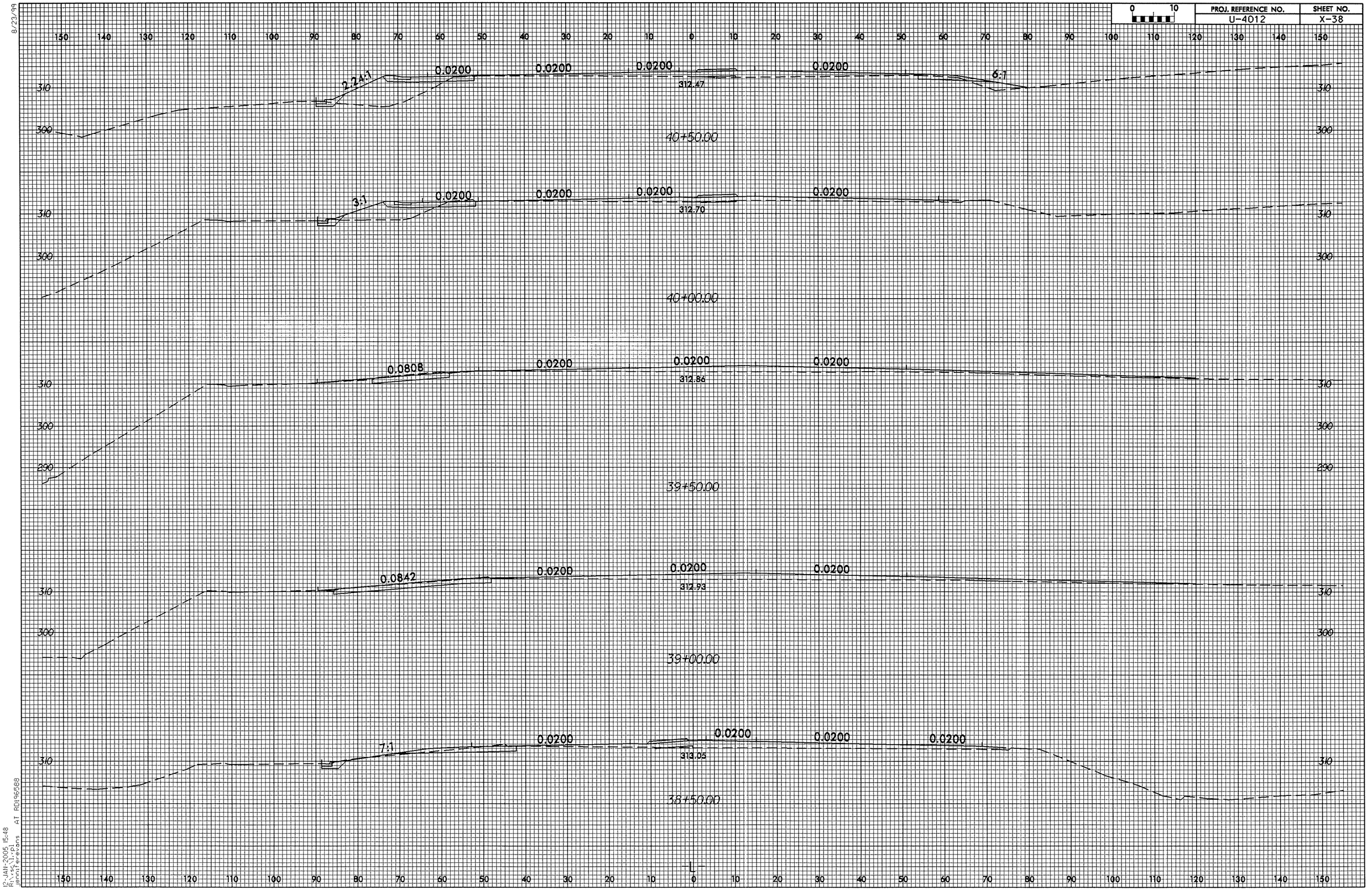
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-37



12-JAN-2005 15:47
R:\sg\1.xpl
jennifer.evans
AT R0196508

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-38



12-JAN-2005 15:48
R:\vsc\11.pl
Jennifer Evans
AT RD1966568

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-39

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

320
310

0.0379 | 0.0200 | 0.0200 | 0.0200 | 0.0200 | 6:1 | 2:1

311.73

309.91

43+50.00

320
310

12.119:1 | 0.0200 | 0.0200 | 0.0200 | 0.0200 | 6:1 | 2:1

311.49

309.616

43+00.00

310

6.547:1 | 0.0200 | 0.0200 | 0.0200 | 0.0200 | 6:1 | 2.55:1

311.63

309.323

42+50.00

310

4.377:1 | 0.0200 | 0.0200 | 0.0200 | 0.0200 | 6:1 | 2:1

311.82

42+00.00

310

3:1 | 0.0200 | 0.0200 | 0.0200 | 0.0200 | 3.93:1

312.05

41+50.00

310

2:1 | 0.0200 | 0.0200 | 0.0200 | 0.0200 | 6:1

312.29

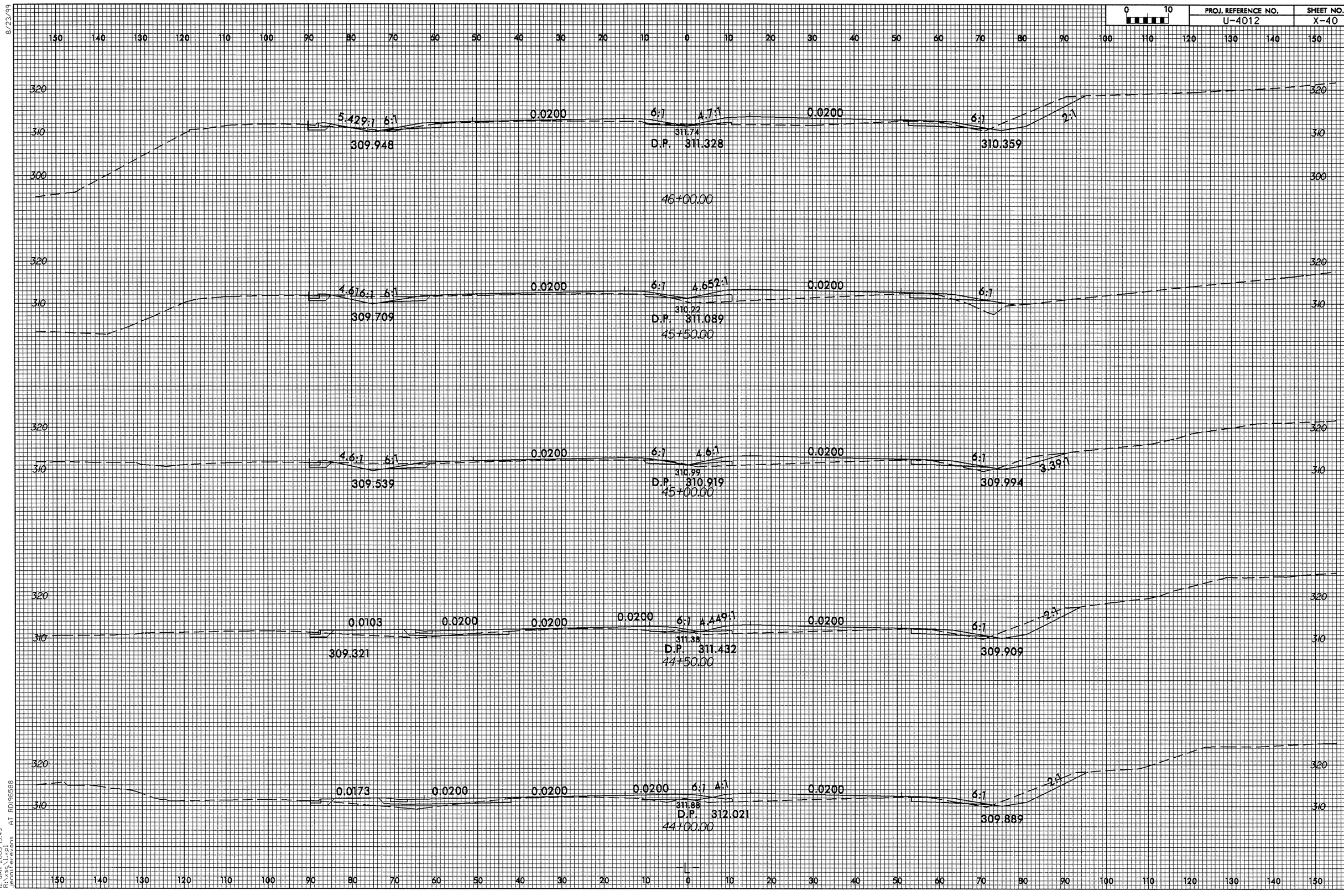
41+00.00

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

12-JAN-2005 15:49
R:\xsc\1.xpl
jennifer.evans AT RD196588

8/23/99

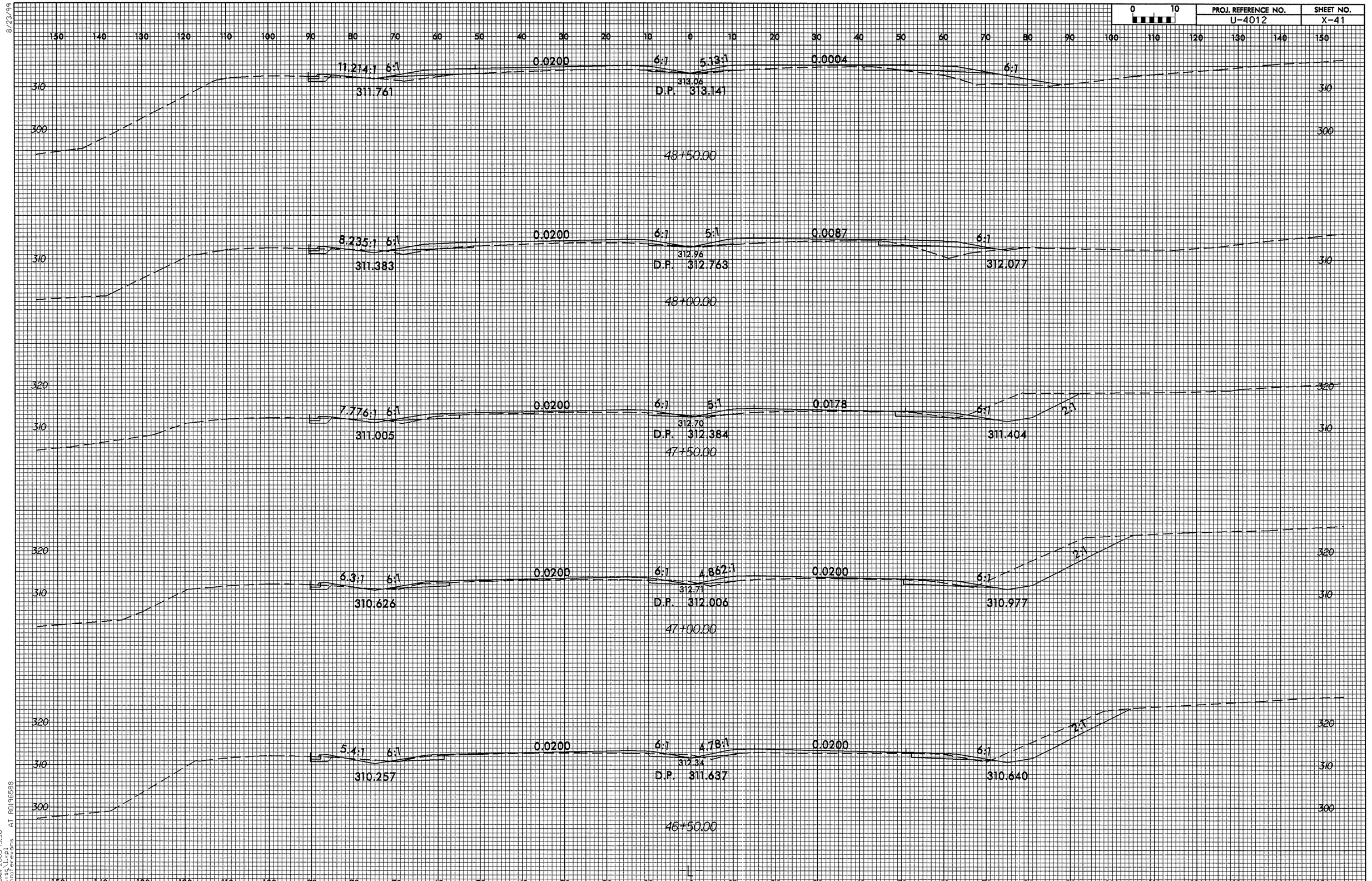
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-40



12-JAN-2005 15:49
R:\xs\1.pl
Jennifer.evans AT RD196588

8/23/99

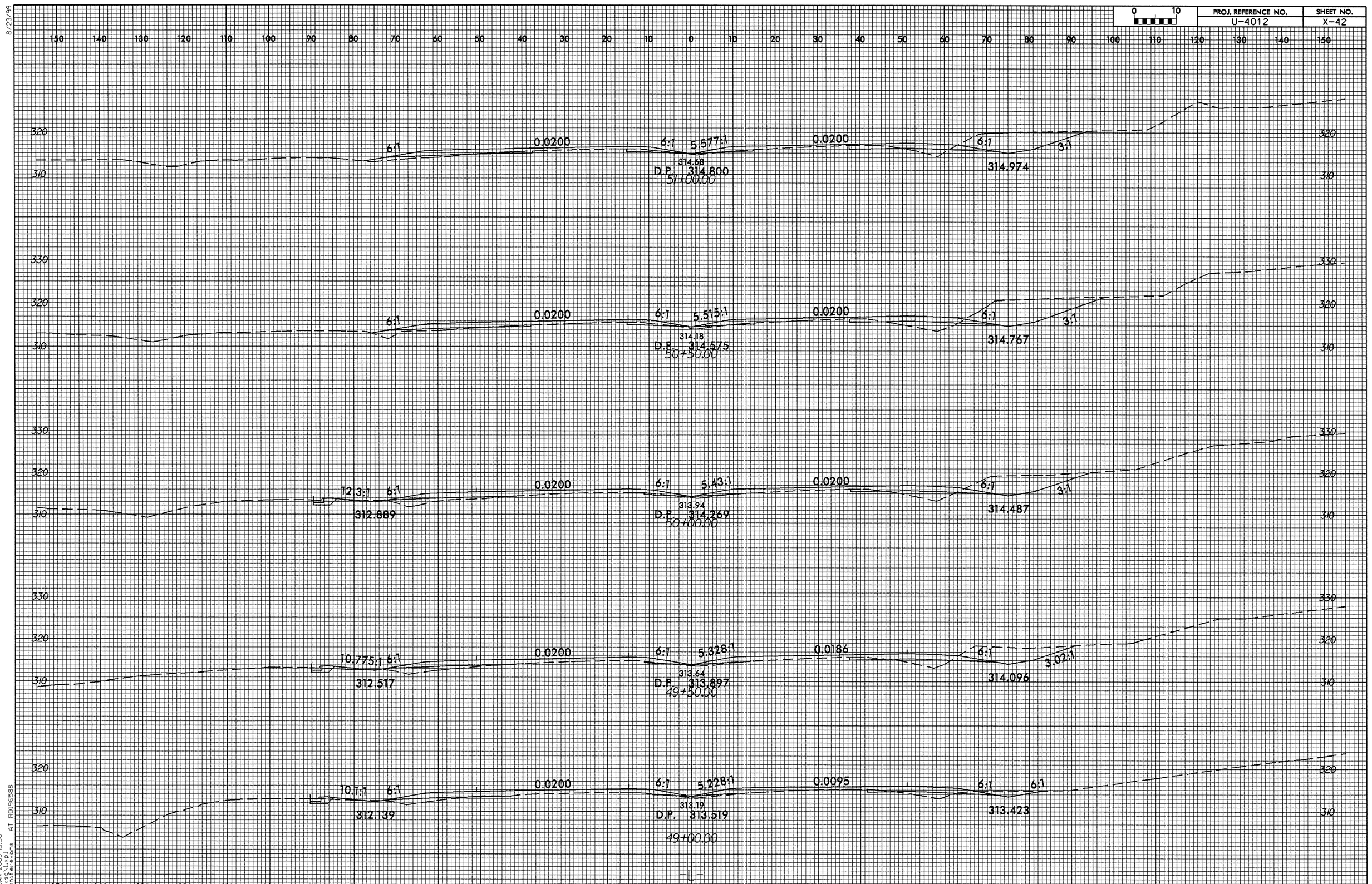
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-41



12-JAN-2005 15:50
R:\sys\1.pl
jennifer.evans AT RDI96583

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-42



12-JAN-2005 15:50
R:\sc\1.*pl
Jennifer.evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-43

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

330 320 310

6:1 0.0200 6:1 5.509:1 0.0200 6:1 3.23:1

313.577

314.79

D.P. 314.716

53+50.00

314.909

330 320 310

9.4:1 0.0200 6:1 5.572:1 0.0200 6:1

315.13

D.P. 314.897

53+00.00

315.072

330 320 310

11.235:1 0.0200 6:1 5.612:1 0.0200 6:1 3.88:1

315.35

D.P. 314.994

52+50.00

315.157

320 310

6:1 0.0200 6:1 5.626:1 0.0200 6:1 3.49:1

S.S. 313.930

315.27

D.P. 315.009

52+00.00

315.169

320 310

6:1 0.0200 6:1 5.615:1 0.0200 6:1 3.76:1

315.01

D.P. 314.945

51+50.00

315.108

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-JAN-2005 15:51
R:\vsc\1.pl
Jennifer.evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-44

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

320
310

6:1 6:1 0.0200 6:1 4.89:1 0.0200 6:1 3.04:1

310.201

D.P. 311.07 311.581
56+00.00

311.981

320
310

6:1 0.0200 6:1 5.047:1 0.0200 6:1 3:1

311.133

D.P. 312.08 312.513
55+50.00

312.856

320
310

6:1 0.0200 6:1 5.189:1 0.0200 6:1 3:1

311.913

D.P. 313.09 313.293
55+00.00

313.587

320
310

6:1 0.0200 6:1 5.316:1 0.0200 6:1 4.01:1

D.P. 313.81 313.920
54+50.00

314.173

330
320
310

6:1 0.0200 6:1 5.423:1 0.0200 6:1 3:1

D.P. 314.32 314.394
54+00.00

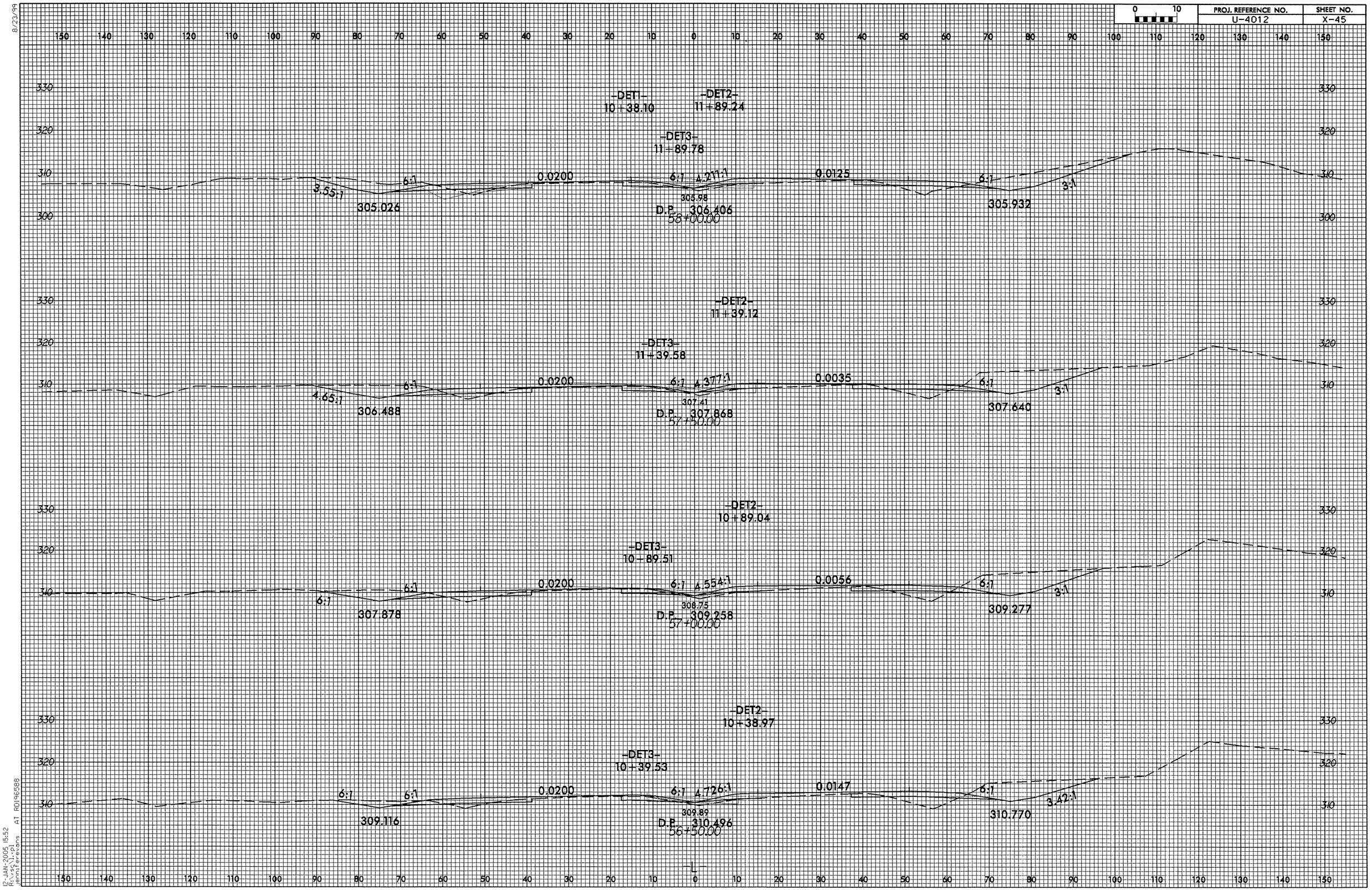
314.614

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-JAN-2005 15:52
R:\sc\i\xp1
jemiller\cns AT RQ196588

8/23/99

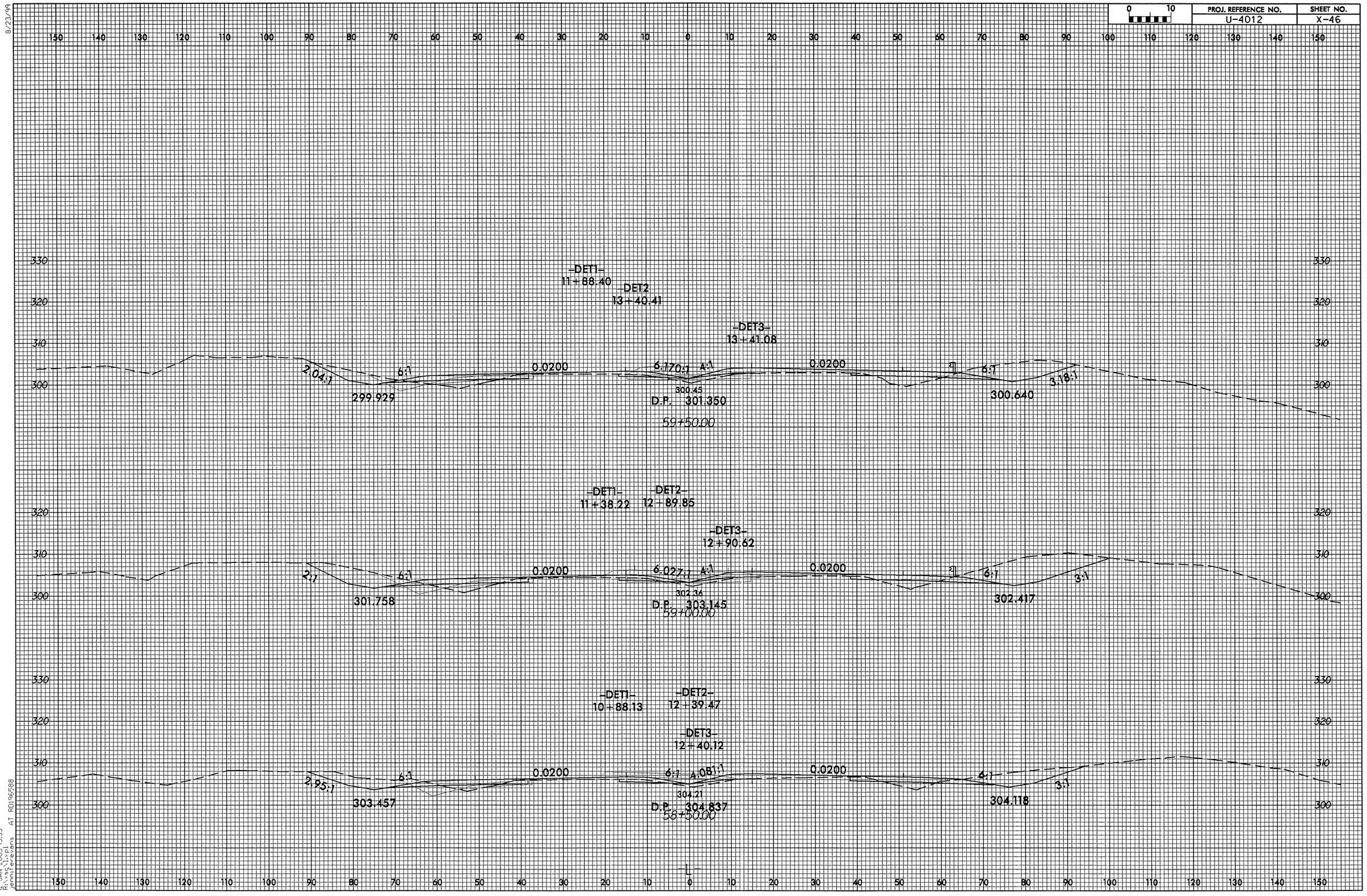
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-45



12-JAN-2005 15:52
R:\sc\1\r01
jennifer evans AT RD196588

8/23/99

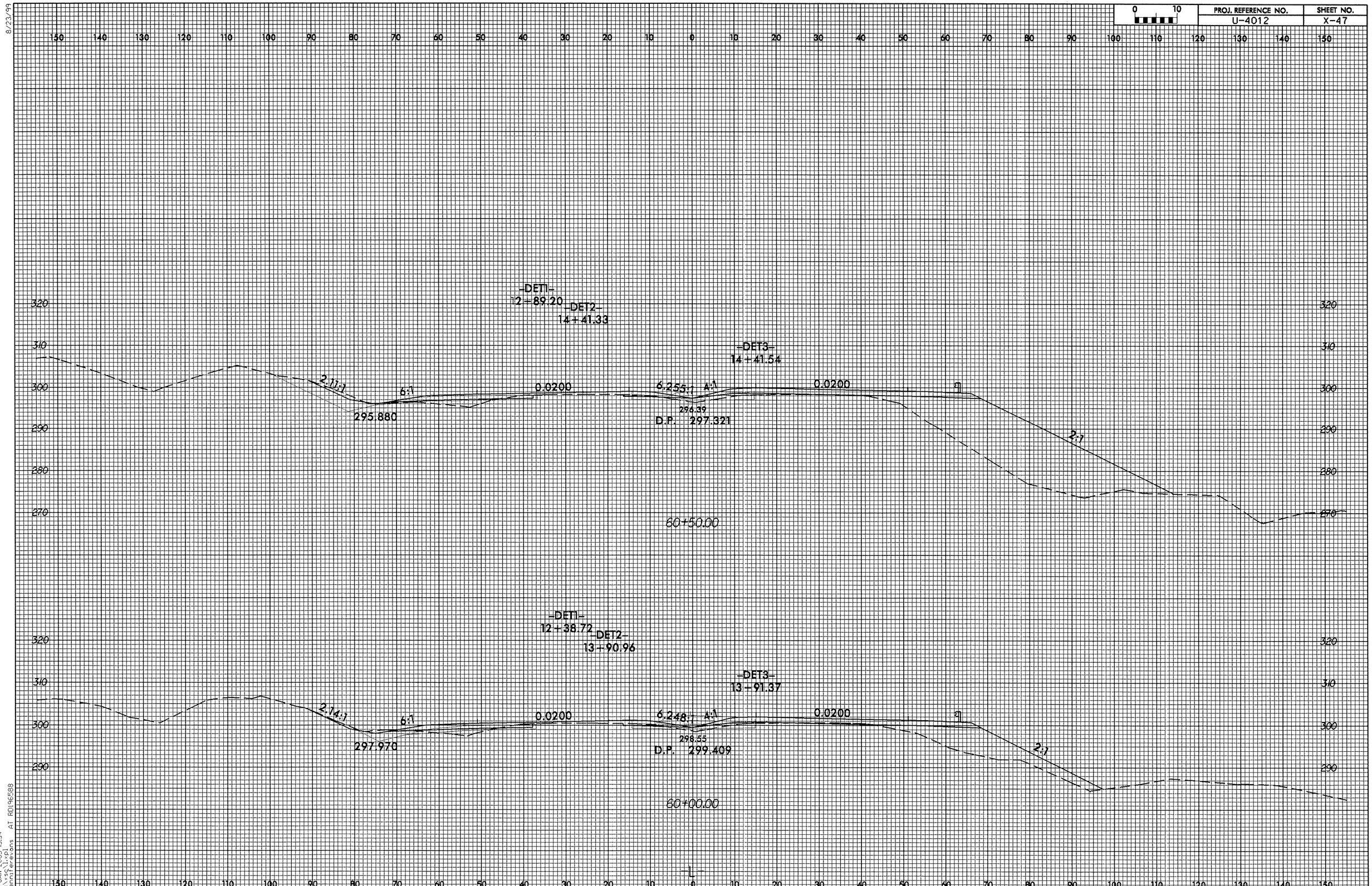
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-46



12-JAN-2005 15:53
R:\vsf\1.pl
Jennifer Evans
AT RD196588

8/23/99

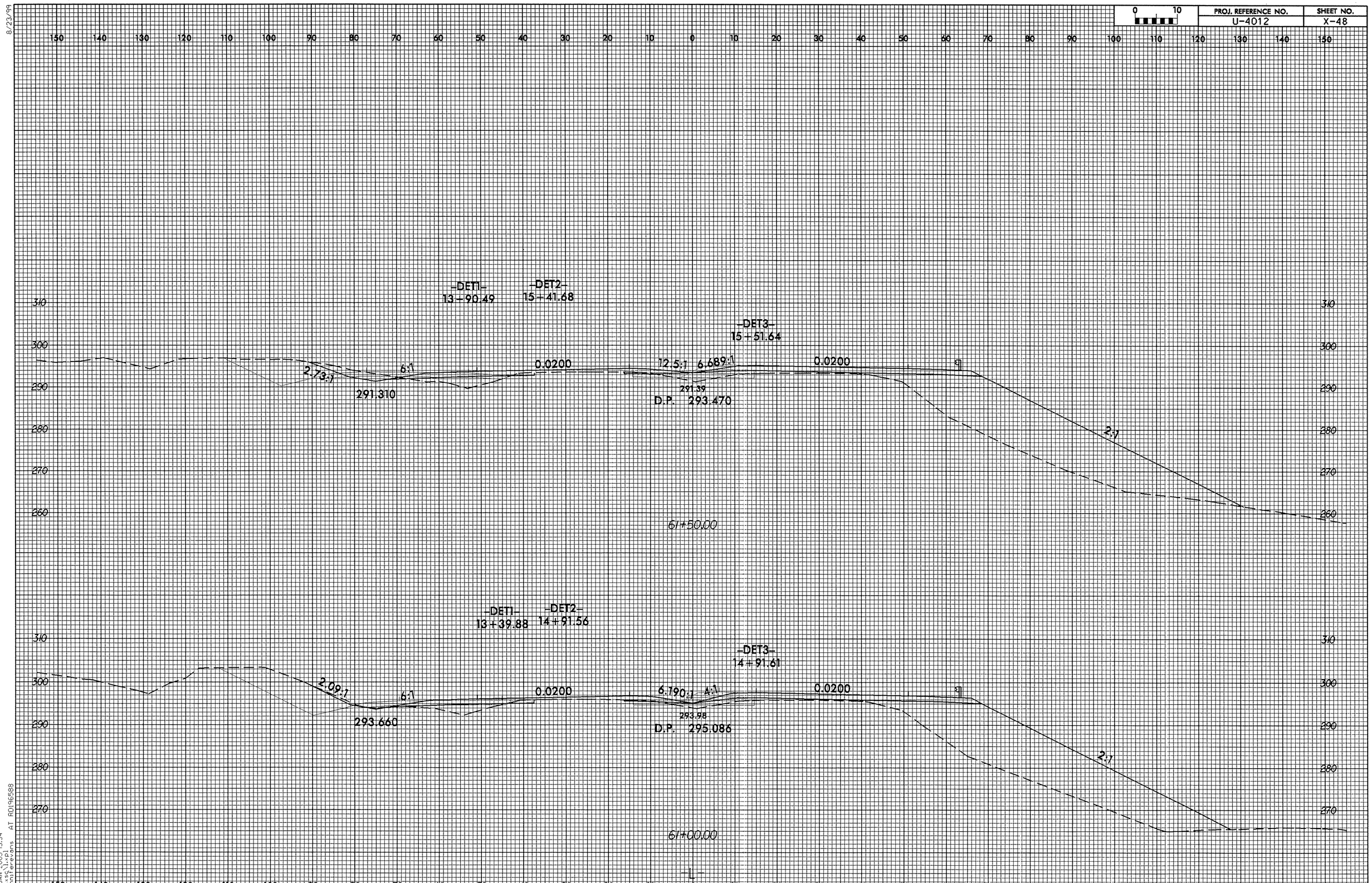
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-47



12-JAN-2005 15:54
R:\ss\11.pl
jennifer.evans AT RD196588

8/23/99

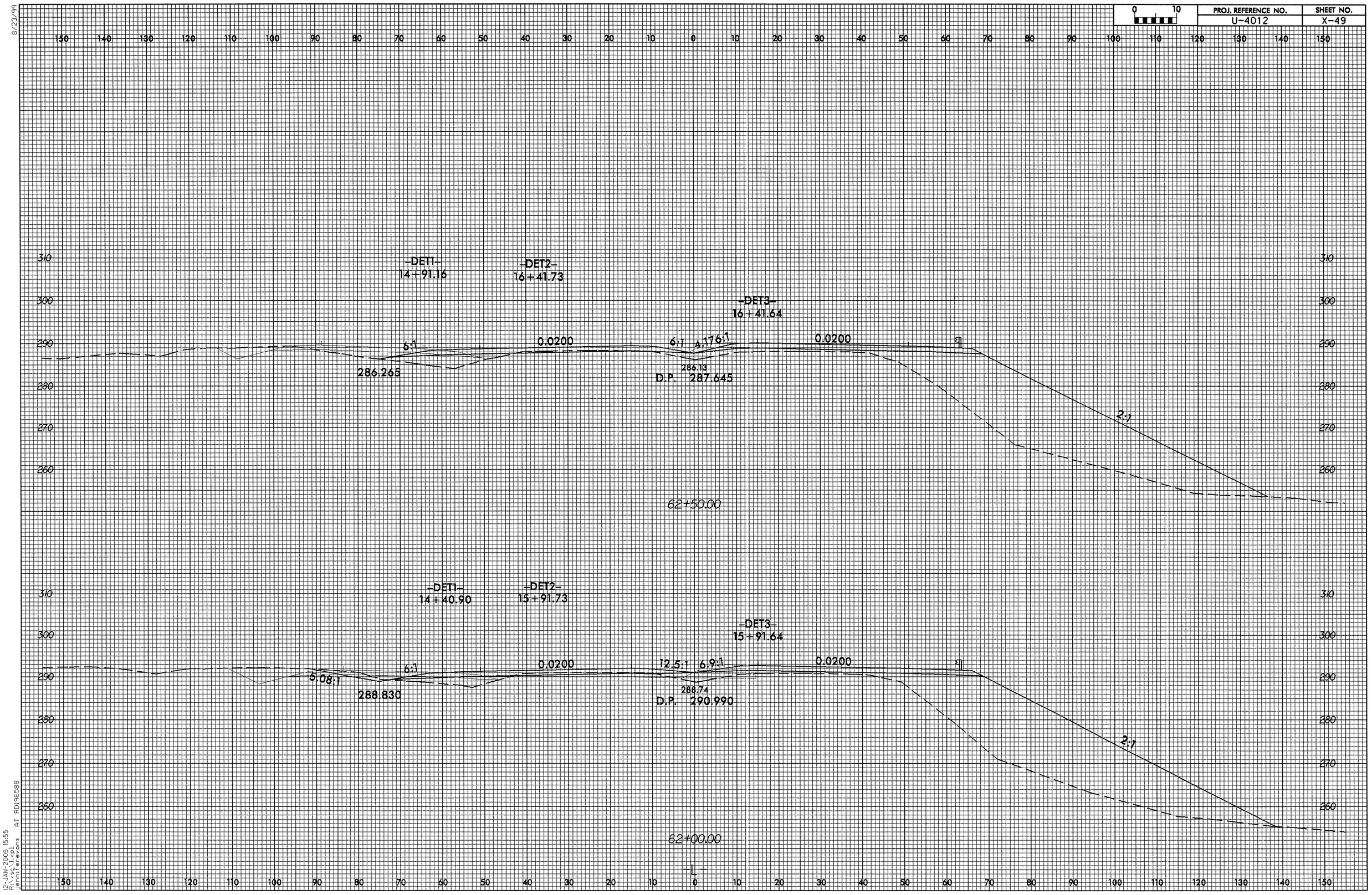
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-48



12-JAN-2005 15:54
R:\ss\1.xpl
jennifer.evans
AT RD196588

8/23/99

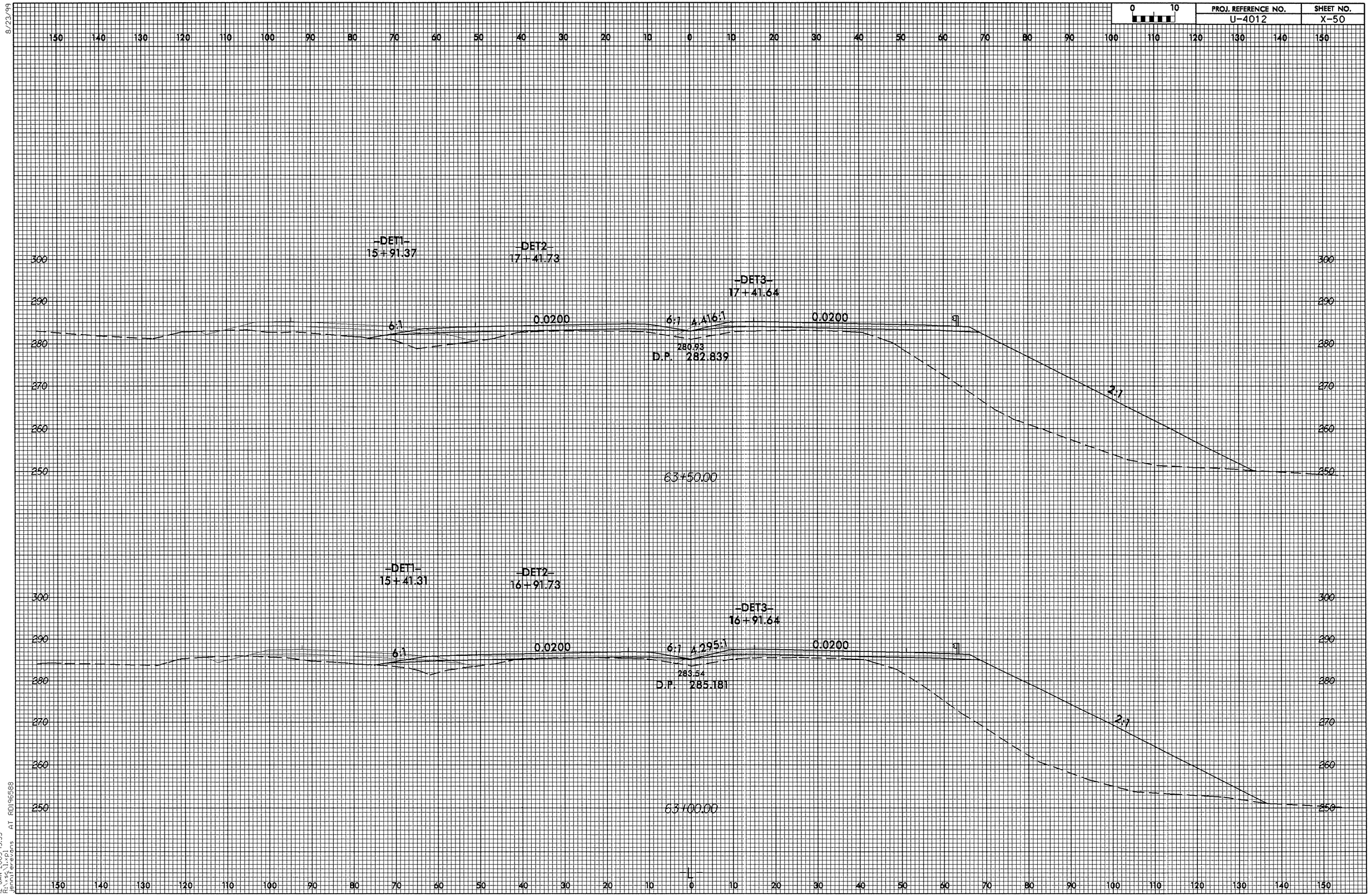
0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-49



12-JAN-2005 15:55
R:\sg\1x01
Jennifer Evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-50



12-JAN-2005 15:55
R:\sc\1.xpl
gennlelevations AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-51

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

300
290
280
270
260
250

-DET1-
16+91.39

-DET2-
18+41.73

-DET3-
18+41.64

6:1

0.0200

6:1

4.23:1

0.0200

275.54
D.P. 278.872

2:1

64+50.00

-DET1-
16+41.39

-DET2-
17+91.73

-DET3-
17+91.64

6:1

0.0200

6:1

4.5:1

0.0200

278.27
D.P. 280.644

2:1

64+00.00

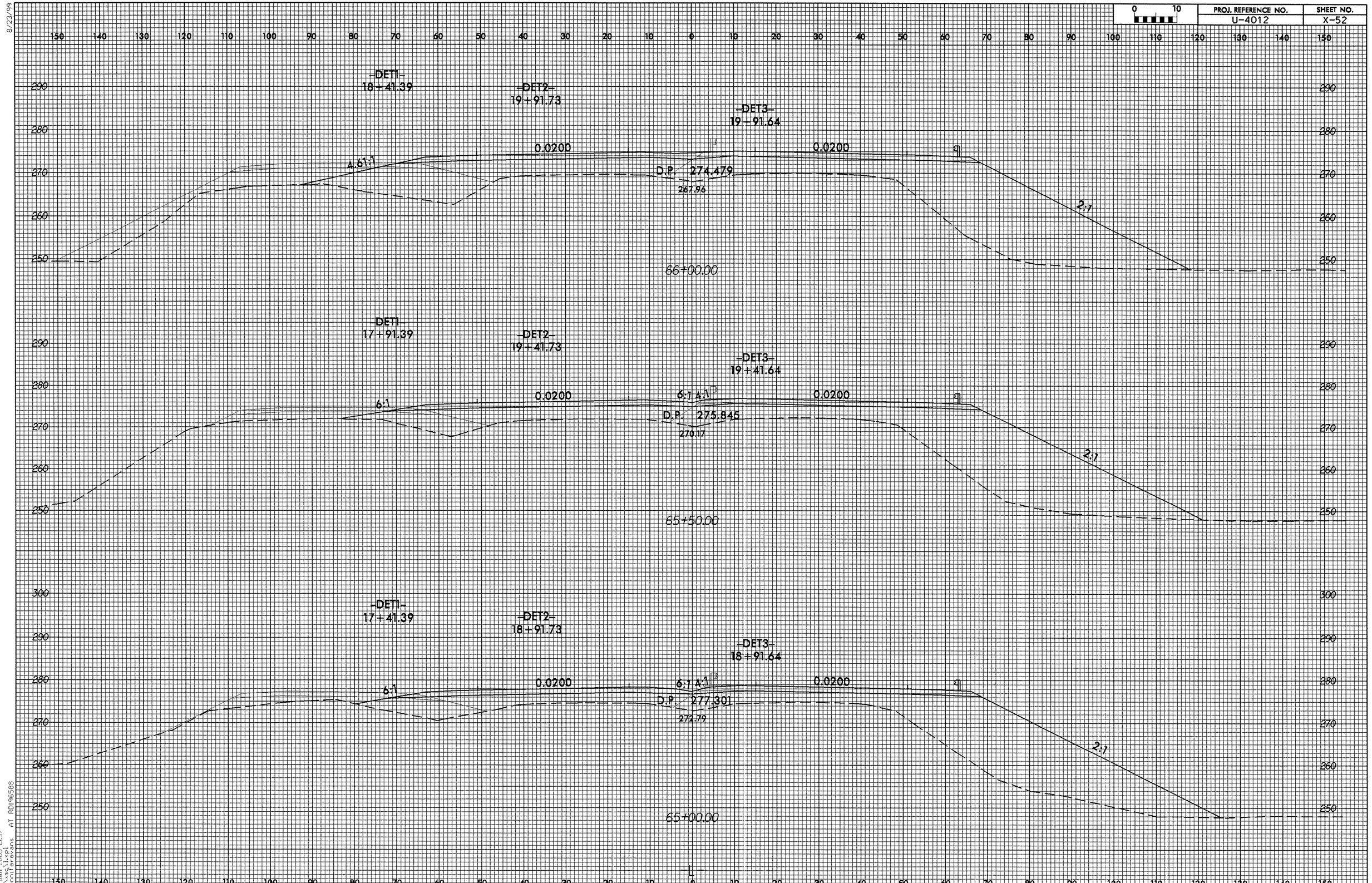
-L-

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

12-JAN-2005 15:56
R:\sg\1\pl
jennifer evans AT RD196568

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4012	X-52

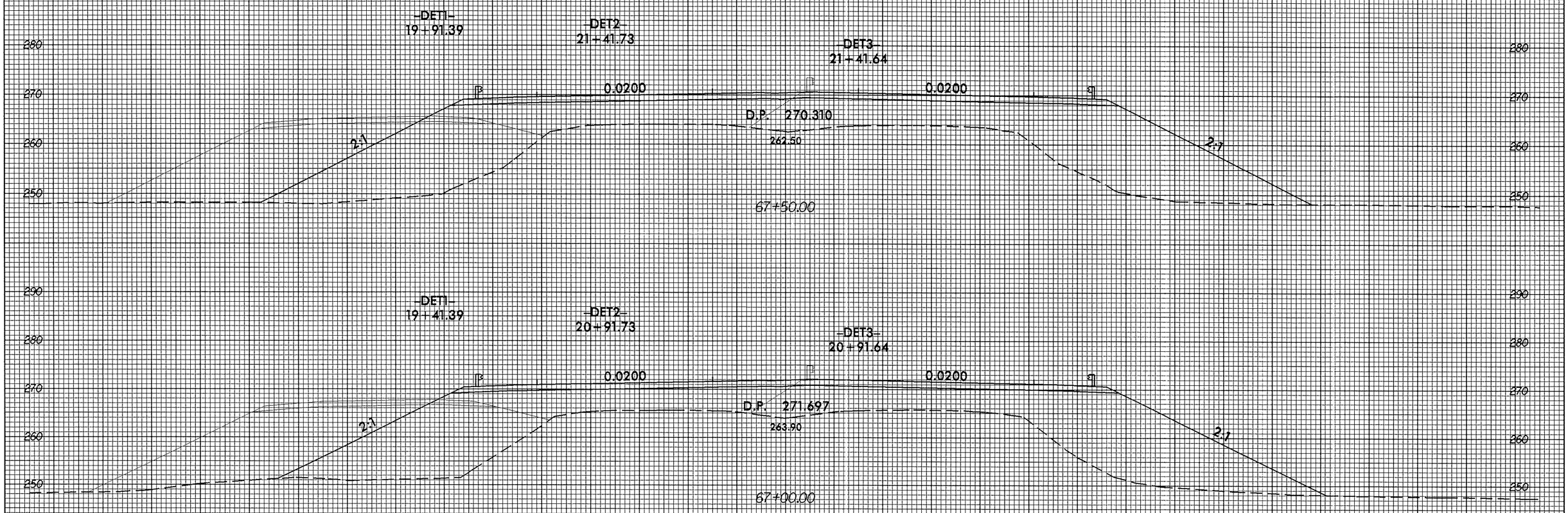


12-JAN-2005 15:57
R:\sg\1.xpl
jennifer evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-53

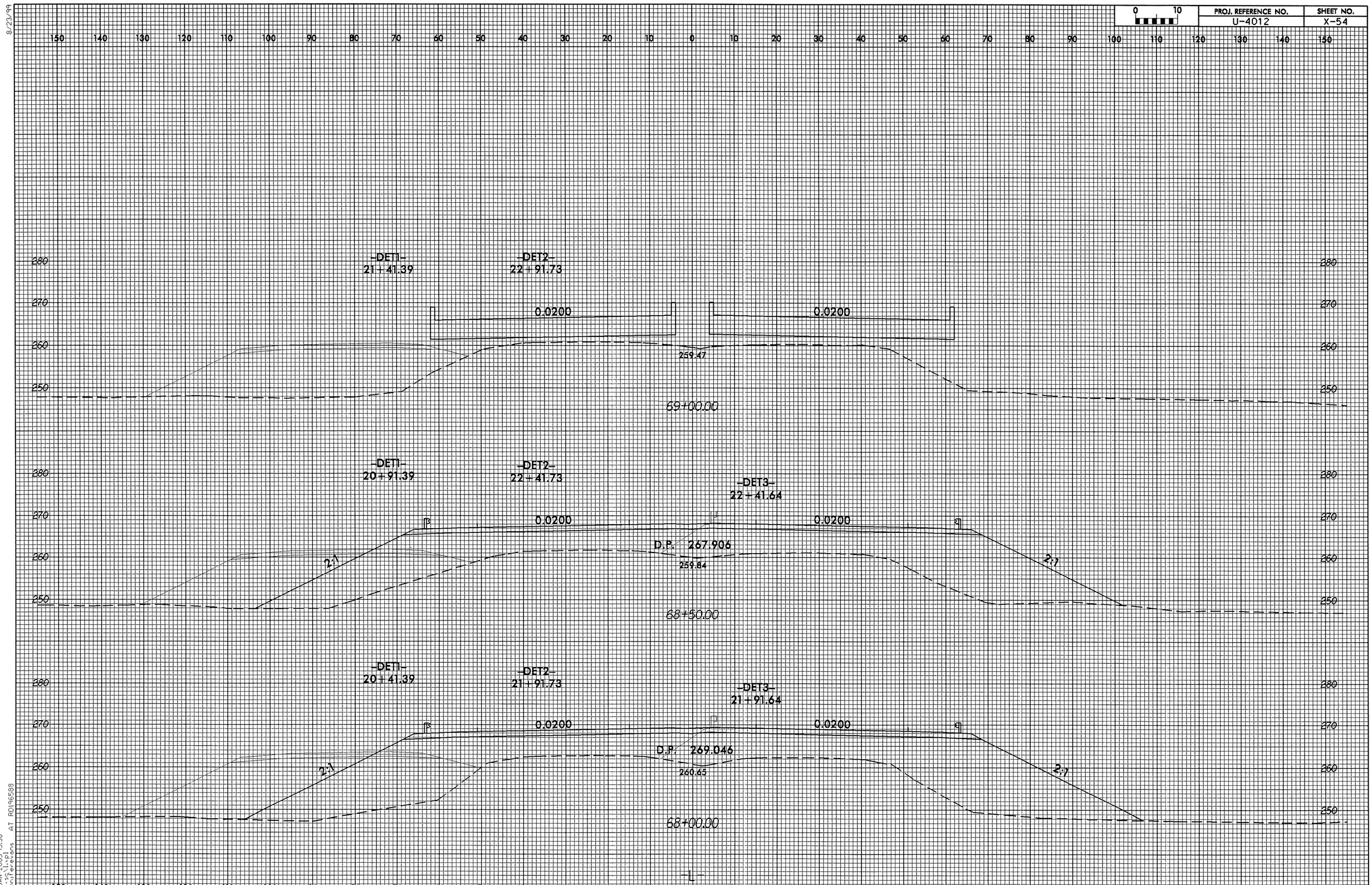
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



12-JAN-2005 15:57
R:\vsc\1.xpl
Jennifer Evans AT RD196588

8/23/99

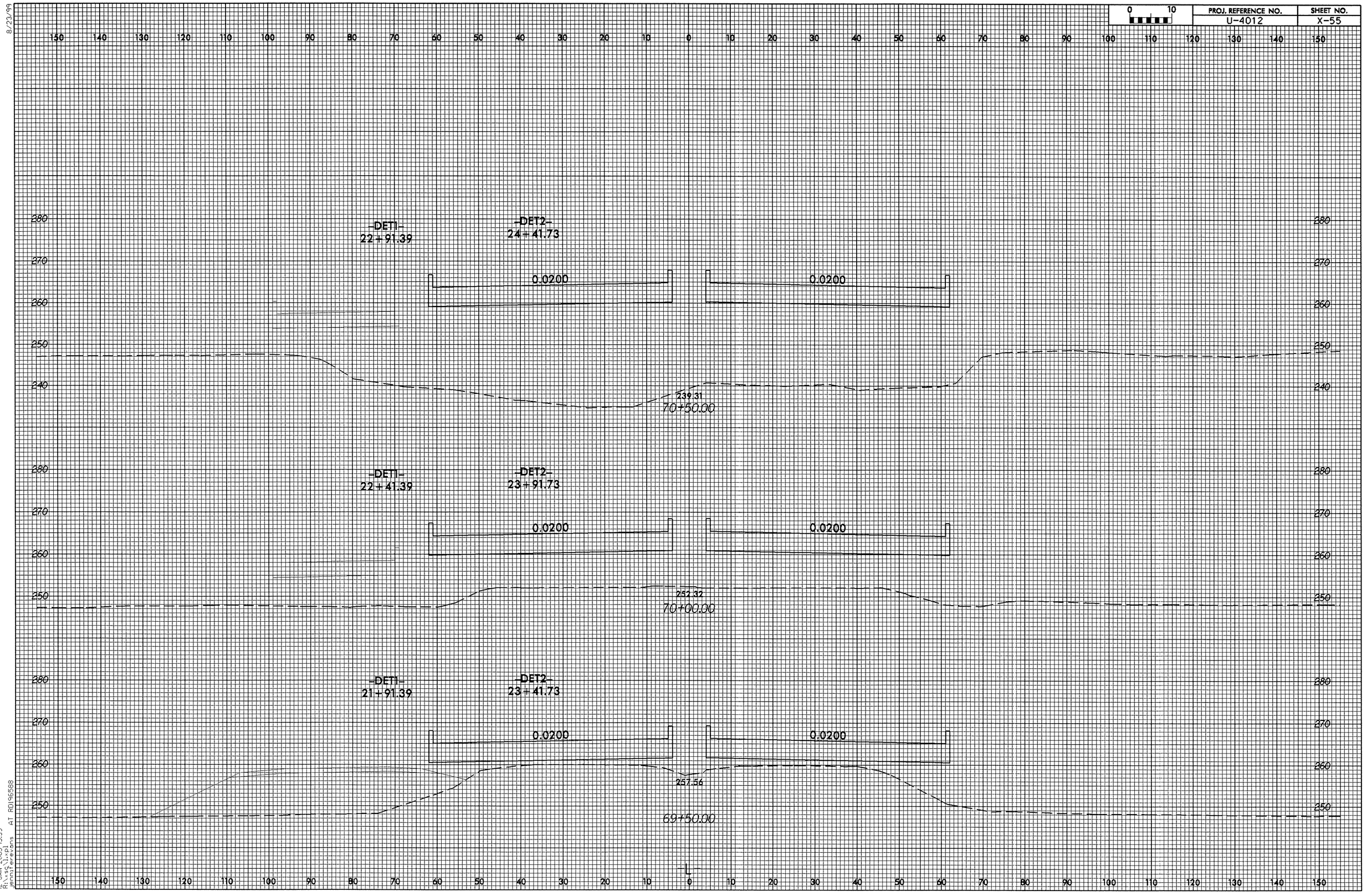
PROJ. REFERENCE NO.	SHEET NO.
U-4012	X-54



12-JAN-2005 15:58
H:\vs\1\1.dgn
jennifereyons AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-55



12-JAN-2005 15:59
R:\sq1\pl
jennifer.evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-56

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

280 270 260 250

-DET1-
24+41.39

-DET2-
25+91.73

-DET3-
25+91.64

0.0200

0.0200

2.05:1

2.01:1

257.48

D.P. 263.364

72+00.00

280 270 260 250

-DET1-
23+91.39

-DET2-
25+41.73

0.0200

0.0200

255.25

71+50.00

280 270 260 250 240

-DET1-
23+41.39

-DET2-
24+91.73

0.0200

0.0200

248.18

71+00.00

-L-

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

12-JAN-2005 15:59
R:\sq\1.xpl
jennifer evans AT RD96508

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-57

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

280 270 260 250

-DET1-
25+91.39

-DET2-
27+41.73

-DET3-
27+41.64

0.0200 0.0200

2:1 2:1

258.69
D.P. 263.296

73+50.00

280 270 260 250

-DET1-
25+41.39

-DET2-
26+91.73

-DET3-
26+91.64

0.0200 0.0200

2:1 2:1

258.61
D.P. 263.152

7.3+00.00

280 270 260 250

-DET1-
24+91.39

-DET2-
26+41.73

-DET3-
26+41.64

0.0200 0.0200

2.14:1 2:1

258.21
D.P. 263.207

7.2+50.00

-L-

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

12-JAN-2005 16:00
R:\vsg\1.tpl
jennifer.evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-58

12-JAN-2005 16:01
R:\vsc\1.pl
jennifervans
AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-59

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

280 270 260 250

-DET1- 28+92.14
-DET2- 30+41.77
-DET3- 30+41.64

2.15:1 | 0.0200 | 6:1 | 5.239:1 | 0.0200 | 2.79:1

259.31
D.P. 260.633

76+50.00

-DET1- 28+41.78
-DET2- 29+91.74
-DET3- 29+91.64

2.17:1 | 0.0200 | 6:1 | 5.3:1 | 0.0200 | 2.12:1

259.31
D.P. 261.390

76+00.00

-DET1- 27+91.55
-DET2- 29+41.73
-DET3- 29+41.64

2.12:1 | 0.0200 | 6:1 | 5.318:1 | 0.0200 | 2:1

259.35
D.P. 261.968

75+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

12-JAN-2005 16:01
R:\sg\1.xpl
jennifer.evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-60

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

280 270 260 250

-DET1-
30+43.92
-DET2-
31+92.37
-DET3-
31+91.99

2.35:1 | 0.0200 | 6:1 | 4.742:1 | 0.0200 | 2.446:1

258.51
D.P. 259.755

78+00.00

-DET1-
29+93.38
-DET2-
31+42.05
-DET3-
31+41.78

2.30:1 | 0.0200 | 6:1 | 4.869:1 | 0.0200 | 2.52:1

258.94
D.P. 259.944

77+50.00

-DET1-
29+42.68
-DET2-
30+91.86
-DET3-
30+91.68

2.32:1 | 0.0200 | 6:1 | 5.032:1 | 0.0200 | 2.44:1

259.38
D.P. 260.236

77+00.00

-L-

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

12-JAN-2005 16:02
R:\ss\lixpl
Jennifer.evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-61

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

280
270
260

-DET1- 31+94.63
-DET2- 33+43.98
-DET3- 33+43.33

4.75:1 | 0.0200 | 7.887:1 | 4:1 | 0.0200 | 0.0200 | 0.0200 | 6:1

260.07
D.P. 260.663
79+50.00

280
270
260

-DET1- 31+44.51
-DET2- 32+93.50
-DET3- 32+92.85

4:1 | 0.0200 | 6.175:1 | 4:1 | 0.0200 | 0.0200 | 0.0200 | 5.08:1

259.54
D.P. 260.150
79+00.00

280
270
260
250

-DET1- 30+94.29
-DET2- 32+42.87
-DET3- 32+42.33

2.77:1 | 0.0200 | 6:1 | 4.351:1 | 0.0200 | 0.0200 | 0.0200 | 2.99:1

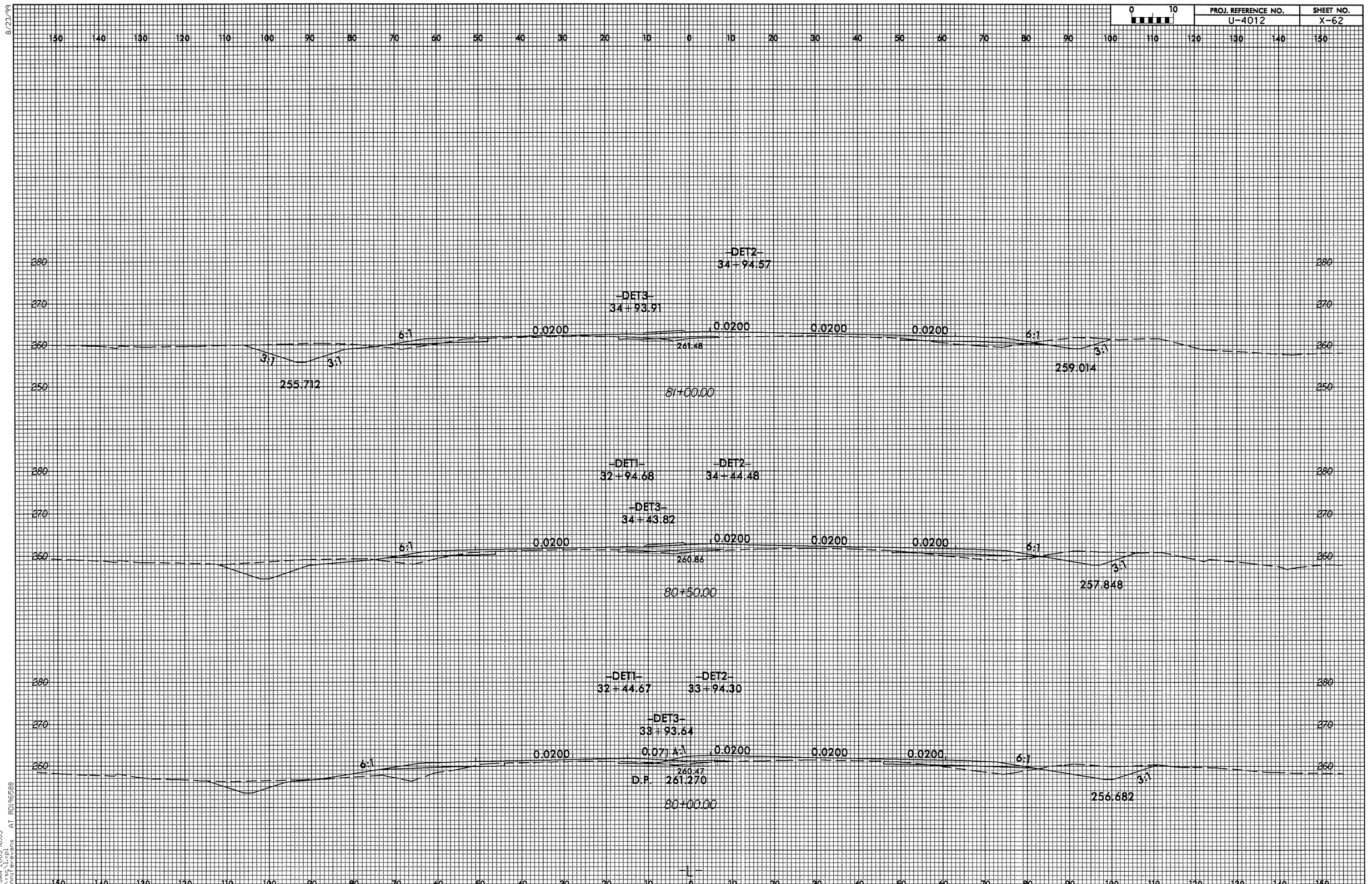
259.00
D.P. 259.885
78+50.00

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

12-JAN-2005 16:02
R:\...\s1.xpl
jennifer.evans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-62



12-JAN-2005 16:03
R:\sgl\pl
jennifer.evans AT RD196588

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4012	X-63

0 10

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

270
260

6:1 6:1 0.0200 0.0200 0.0200 0.0200 6:1 5.43:1

263.191 265.13 263.184

83+50.00

270
260

6:1 6:1 0.0200 0.0200 0.0200 0.0200 6:1 4.93:1

262.231 264.23 262.293

83+00.00

260

6:1 6:1 0.0200 0.0200 0.0200 0.0200 6:1 5.51:1

261.376 263.39 261.496

82+50.00

260

6:1 6:1 0.0200 0.0200 0.0200 0.0200 6:1 6:1

260.626 262.58 260.792

82+00.00

280
270
260

-DET2-
35+44.60

-DET3-
35+43.94

3:1 3:1 6:1 0.0200 0.0200 0.0200 0.0200 6:1 3:1

256.890 261.90 260.180

81+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

12-JAN-2005 16:04
R:\95\1\1.pl
jennifervevans AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-64

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

270

270.88

86+50.00

270

6:1 6:1

267.850

269.85

86+00.00

6:1 6:1

267.406

270

270

6:1 6:1

267.143

269.04

85+50.00

6:1 6:1

266.582

270

270

6:1 6:1

0.0200 0.0200 0.0200 0.0200

267.99

266.225

85+00.00

6:1 6:1

265.997

270

270

6:1 6:1

0.0200 0.0200 0.0200 0.0200

267.05

265.214

84+50.00

6:1 6:1

265.059

270

270

6:1 6:1

0.0200 0.0200 0.0200 0.0200

266.02

264.202

84+00.00

6:1 6:1

264.122

270

260

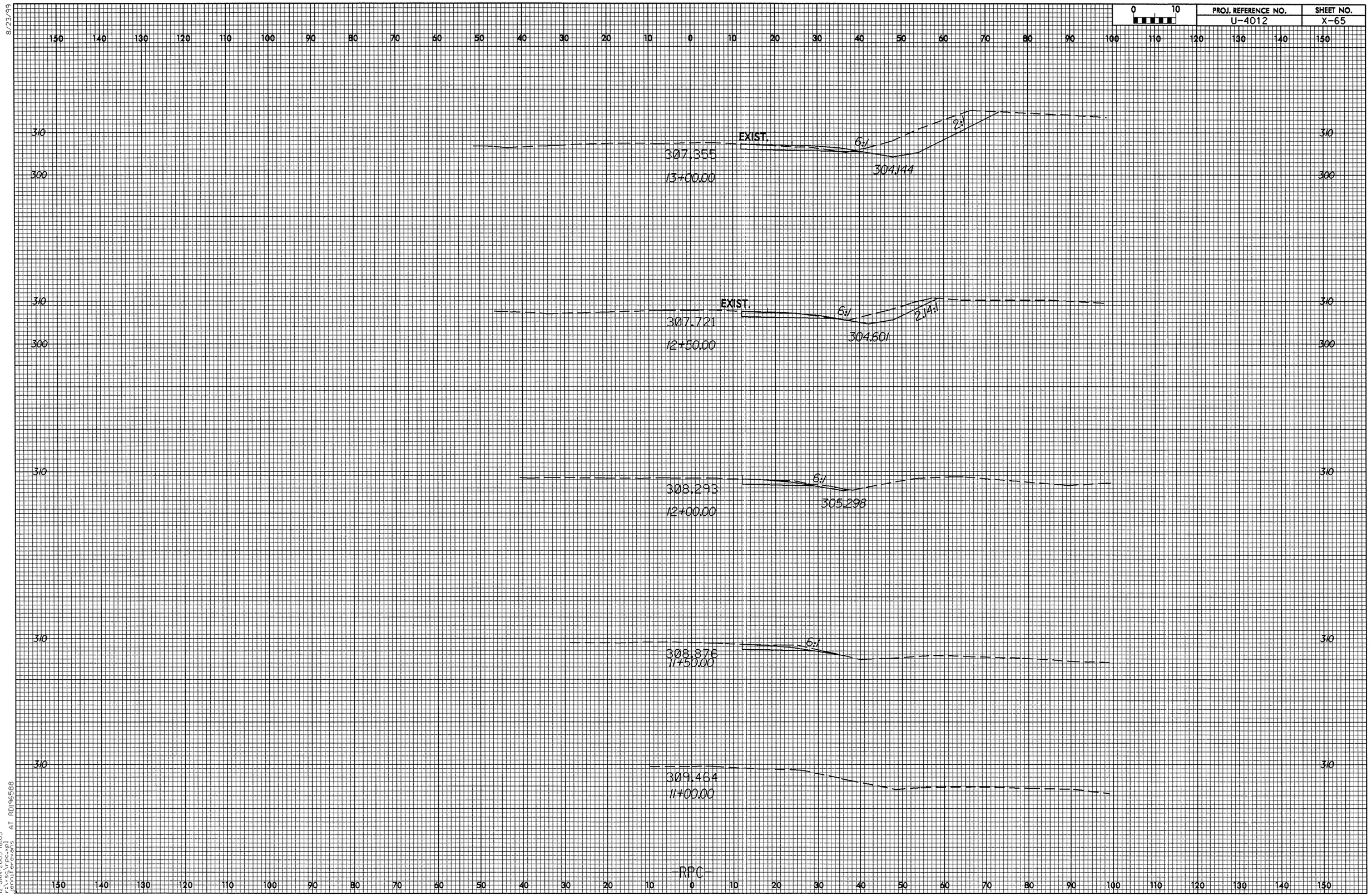
260

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-JAN-2005 16:04
R:\sgl\1.rpl
jennifer.evans AT RD196508

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-65



12-JAN-2005 16:05
ri\sc\rpc.xpl
jennifer.evans
AT RQ196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-66

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

310
300

EXIST.
308.568
15+50.00
6:1
2:1
303.297

EXIST.
307.963
15+00.00
6:1
2:1
303.148

EXIST.
307.437
14+50.00
6:1
2:1
303.599

EXIST.
307.255
14+00.00
6:1
2:1
303.749

EXIST.
307.252
13+50.00
6:1
2:1
303.900

-RPC-

22-FEB-2005 08:43
R:\sec\rdd\RD223183
RD223183

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-67

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

310

EXIST. 315.076

18+50.00

4.16:1

310

310

EXIST. 313.885

18+00.00

3.32:1

310

310

EXIST. 312.682

17+50.00

3.42:1

310

310

EXIST. 311.488

17+00.00

4.67:1

2:1

302.845

310

300

EXIST. 310.355

16+50.00

6:1

2:1

302.996

310

300

EXIST. 309.386

16+00.00

6:1

2:1

308.141

310

300

RPC

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-JAN-2005 16:06
c:\projects\
jennifer\evans

AT RD196588

8/23/99

0 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4012	X-68

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

320

321.929
21+50.00

320

EXIST.
4:1
320.654
21+00.00

320

EXIST.
4:1
319.599
20+50.00

320

EXIST.
3:1
318.446
20+00.00

320

EXIST.
3.43:1
317.531
19+50.00

320

EXIST.
3:1
316.229
19+00.00

RPC

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-JAN-2005 16:07
r:\scr\rpc.tpl
jennifer.evans AT RD196588