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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

PROJ. REFERENCE NO.	SHEET NO.
U-3613B	X-1

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

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
12+00.00	0	0	0
12+50.00	30	0	0
13+00.00	77	0	0
13+50.00	91	0	0
14+00.00	84	0	0
14+50.00	69	0	0
15+00.00	53	0	0
15+50.00	42	0	0
16+20.70	27	0	0

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
27+04.00	0	0	0
27+50.00	8	2	0
28+00.00	15	5	0
28+50.00	14	6	0
29+00.00	15	8	0
29+50.00	16	8	0
30+00.00	17	7	0
30+50.00	17	3	0
30+90.00	7	0	0

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
31+68.00	0	0	0
32+00.00	2	1	0
32+50.00	5	7	0
33+00.00	4	14	0
33+50.00	6	12	0
33+95.00	3	4	0

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
38+00.00	0	0	0
38+50.00	7	12	0
38+90.00	3	6	0

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
39+33.00	0	0	0
39+50.00	1	3	0
39+66.00	1	2	0

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
46+00.00	0	0	0
46+50.00	5	21	0
46+58.00	1	2	0

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
47+20.00	0	0	0
47+50.00	1	5	0
48+00.00	4	21	0
48+50.00	4	21	0
49+00.00	5	10	0
49+50.00	16	1	0
49+68.00	5	0	0

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
51+50.00	0	0	0
52+00.00	7	8	0
52+50.00	6	11	0
53+00.00	7	15	0
53+50.00	8	21	0
54+00.00	8	15	0
54+50.00	5	15	0
55+00.00	6	27	3
56+00.00	6	16	6
56+50.00	10	37	13
57+00.00	7	43	15
57+50.00	7	43	18
58+00.00	9	43	24
58+50.00	12	43	30
59+00.00	15	40	31
59+50.00	20	41	34
60+00.00	39	51	48
60+50.00	37	64	64
61+00.00	18	75	69
61+50.00	24	88	78
62+00.00	31	100	92
62+50.00	32	52	19
63+00.00	46	0	0
64+50.00	27	0	0
65+00.00	54	0	0
65+50.00	41	5	0
66+00.00	32	8	0
66+50.00	39	5	0
67+00.00	47	3	0
67+50.00	50	2	0
68+00.00	45	2	0
68+50.00	40	1	0
69+00.00	33	0	0
69+50.00	35	0	0
70+00.00	39	0	0
70+50.00	38	0	0
71+00.00	36	1	0
71+50.00	32	2	0
72+00.00	44	2	0
72+50.00	41	49	30
73+00.00	32	96	93
73+50.00	32	93	88

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
74+00.00	30	97	92
74+50.00	29	101	95
75+00.00	33	98	94
75+50.00	34	96	93
76+00.00	37	98	95
76+50.00	45	104	103
77+00.00	44	101	96
77+50.00	29	91	83
78+00.00	24	85	79
78+50.00	13	47	0
79+00.00	37	6	0
79+50.00	43	0	0
80+00.00	27	8	0
80+50.00	17	15	0
81+00.00	14	11	0
81+19.00	3	1	0

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
82+66.00	0	0	0
83+00.00	5	1	0
83+50.00	12	3	0
84+00.00	5	34	0
84+50.00	23	62	61
85+00.00	17	62	59
85+50.00	18	65	60
86+00.00	16	75	65
86+50.00	7	44	0
87+00.00	14	2	0
87+50.00	23	0	0
88+00.00	28	0	0
88+44.00	10	0	0

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
89+97.00	0	0	0
90+00.00	1	0	0
90+50.00	21	0	0
91+00.00	21	0	0
91+50.00	21	0	0
92+00.00	13	11	0
92+50.00	3	22	0
93+00.00	1	41	0
93+50.00	21	62	62
94+00.00	13	65	53
94+29.00	1	19	12

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
97+26.00	0	0	0
97+50.00	2	20	18
98+00.00	7	83	71
98+50.00	6	79	67
98+91.00	2	31	27

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
116+46.00	0	0	0
116+50.00	1	2	2
117+00.00	22	60	60
117+50.00	6	34	0
118+00.00	16	0	0
118+50.00	18	0	0
119+00.00	17	0	0
119+50.00	17	0	0
120+00.00	21	0	0
120+50.00	31	0	0
121+00.00	32	0	0
121+50.00	29	0	0
122+00.00	27	0	0
122+50.00	18	3	0
123+00.00	6	56	0
123+50.00	11	109	97
124+00.00	13	114	104
124+50.00	26	116	112
125+00.00	35	113	111
125+50.00	16	57	0
126+00.00	15	2	0
126+50.00	22	0	0
127+00.00	56	0	0
127+50.00	68	0	0
128+00.00	68	0	0
128+50.00	59	0	0
129+00.00	39	0	0
129+50.00	17	4	0
130+00.00	6	12	0
130+50.00	3	22	0
131+00.00	1	14	0
131+50.00	1	8	0
132+00.00	2	19	0
132+50.00	1	54	0
133+00.00	16	88	78
133+50.00	22	88	87
134+00.00	23	72	71
134+50.00	21	78	77
135+00.00	6	174	49
135+50.00	1	166	29
136+00.00	4	79	56
136+50.00	5	72	48
137+00.00	4	63	39
137+50.00	0	28	0

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PROJ. REFERENCE NO.	SHEET NO.
U-3613B	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
138+00.00	1	5	0
138+37.00	1	4	0

Station PHASE I L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
140+90.00	0	0	0
141+00.00	2	0	0
141+50.00	23	0	0
142+00.00	24	0	0
142+50.00	24	0	0
143+00.00	17	1	0
143+25.00	3	1	0

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
12+00.00	0	0	0
12+50.00	6	11	0
13+00.00	9	23	0
13+50.00	4	22	0
14+50.00	2	46	0
15+00.00	2	28	0
15+50.00	11	30	0
16+00.00	23	16	0
16+20.70	6	1	0

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
17+25.00	0	0	0
17+50.00	19	66	66
18+00.00	66	279	274
18+50.00	42	300	286
19+00.00	14	328	235
19+50.00	1	356	204
20+00.00	1	384	172
20+50.00	0	423	92
21+00.00	0	442	62
21+50.00	0	444	55
22+00.00	0	396	0
22+50.00	0	324	0
23+00.00	0	249	0
23+50.00	0	184	0
24+00.00	0	169	0
24+50.00	0	144	0
25+00.00	0	115	0
25+50.00	0	114	0
26+00.00	0	115	0
26+50.00	0	109	0
27+00.00	0	107	0
27+50.00	0	104	0
28+00.00	22	88	0

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
28+50.00	46	75	0
29+00.00	36	105	0
29+50.00	22	132	0
30+00.00	22	129	0
30+50.00	26	116	0
31+00.00	17	63	0
31+50.00	3	23	0
32+00.00	12	119	0
32+50.00	26	210	0
33+00.00	14	276	0
33+50.00	109	402	0
34+00.00	199	352	0
34+50.00	146	247	0
35+00.00	111	192	0
35+50.00	117	102	0
36+00.00	153	53	0
36+50.00	199	128	59
37+00.00	240	220	197
37+50.00	288	217	196
38+00.00	317	214	198
38+50.00	284	218	194
39+00.00	243	225	193
39+50.00	120	206	182
40+00.00	91	223	150
40+50.00	189	249	160
41+00.00	183	241	179
41+50.00	162	247	163
42+00.00	148	250	149
42+50.00	129	251	152
43+00.00	113	184	0
43+50.00	102	114	0
44+00.00	97	102	0
44+50.00	104	87	0
45+00.00	109	74	0
45+50.00	106	152	55
46+00.00	96	238	184
46+50.00	93	234	189
47+00.00	102	226	199
47+50.00	116	221	205
48+00.00	127	217	206
48+50.00	114	219	200
49+00.00	51	253	167
49+50.00	7	156	70
49+82.00	5	10	0

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
49+92.00	0	0	0
50+00.00	11	1	0
50+50.00	52	15	0
51+00.00	10	35	0
51+50.00	9	36	0

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
52+00.00	6	53	0
52+50.00	2	73	0
53+00.00	4	70	0
53+50.00	9	58	0
54+00.00	6	109	0
54+50.00	0	136	0
55+00.00	0	150	20
55+50.00	0	195	102
56+00.00	1	184	104
56+50.00	2	175	102
57+00.00	1	162	102
57+50.00	5	142	104
58+00.00	5	136	87
58+50.00	0	146	74
59+00.00	0	152	84
59+50.00	0	147	95
60+00.00	1	144	102
60+50.00	2	141	106
61+00.00	5	137	110
61+50.00	8	135	113
62+00.00	21	129	114
62+50.00	9	75	23
63+00.00	10	28	0
63+50.00	15	20	0
64+00.00	16	12	0
64+50.00	19	15	0
65+00.00	14	46	0
65+50.00	17	45	0
66+00.00	19	19	0
66+50.00	11	25	0
67+00.00	9	32	0
67+50.00	7	47	0
68+00.00	6	65	0
68+50.00	4	92	0
69+00.00	3	123	0
69+50.00	3	131	0
70+00.00	2	143	0
70+50.00	0	155	0
71+00.00	1	167	0
71+50.00	2	177	0
72+00.00	1	173	0
72+50.00	0	197	15
73+00.00	0	213	71
73+50.00	0	189	82
74+00.00	0	168	76
74+50.00	0	154	82
75+00.00	2	139	94
75+50.00	9	126	107
76+00.00	17	119	111
76+50.00	33	119	113
77+00.00	40	117	110
77+50.00	41	113	98
78+00.00	41	110	92

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
78+50.00	40	54	0
79+00.00	40	1	0
79+50.00	22	14	0
80+00.00	19	21	0
80+50.00	22	19	0
81+00.00	23	20	0
81+85.97	24	3	0

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
81+85.97	0	0	0
82+50.00	34	1	0
83+00.00	32	9	0
83+50.00	18	13	0
84+00.00	12	71	0
84+50.00	32	137	131
85+00.00	39	145	138
85+50.00	51	149	141
86+00.00	53	152	144
86+50.00	15	85	0
87+00.00	23	24	0
87+50.00	30	19	0
88+00.00	40	9	0
88+50.00	42	9	0
89+00.00	35	10	0
89+50.00	17	20	0
90+00.00	5	44	0
90+50.00	2	48	0
91+00.00	2	38	0
91+50.00	2	42	0
92+00.00	17	27	0
92+50.00	56	23	0
93+00.00	101	95	0
93+50.00	152	149	120
94+00.00	198	143	110
94+50.00	266	140	115
95+00.00	309	140	125
95+50.00	327	139	129
96+00.00	359	139	132
96+50.00	433	139	132
97+00.00	514	139	128
97+50.00	551	139	132
98+00.00	525	152	152
98+50.00	479	178	175
99+00.00	285	189	183
99+50.00	98	186	179
100+00.00	180	196	189
100+50.00	228	109	0
101+00.00	266	11	0
101+50.00	266	26	0
102+00.00	218	46	0
102+50.00	176	63	0

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PROJ. REFERENCE NO.	SHEET NO.
U-3613B	X-1B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
103+00.00	138	91	0
103+50.00	105	82	0
104+00.00	117	57	0
104+50.00	134	59	0
105+00.00	141	64	0
105+50.00	78	182	0
106+00.00	13	190	0
106+50.00	11	104	0
107+00.00	5	115	0
107+50.00	29	88	0
108+00.00	60	74	0
108+50.00	37	63	0
109+00.00	12	39	0
109+50.00	12	32	0
110+00.00	16	20	0
110+50.00	41	12	0
111+00.00	74	13	0

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
111+00.00	0	0	0
111+50.00	102	6	0
112+00.00	108	3	0
112+50.00	100	0	0
113+00.00	96	0	0
113+50.00	94	2	0
114+00.00	94	2	0
114+50.00	97	1	0
115+00.00	48	88	0
115+50.00	157	189	188
116+00.00	106	177	177
116+50.00	37	142	142
117+00.00	41	130	130
117+50.00	45	64	0
118+00.00	91	0	0
118+50.00	88	0	0
119+00.00	77	0	0
119+50.00	65	0	0
120+00.00	61	0	0
120+50.00	63	1	0
121+00.00	65	3	0
121+50.00	68	2	0
122+00.00	78	0	0
122+50.00	79	0	0
123+00.00	37	57	0
123+50.00	55	112	112
124+00.00	44	109	109
124+50.00	32	109	108
125+00.00	24	110	108
125+50.00	6	57	0
126+00.00	9	7	0
126+50.00	3	16	0

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
127+00.00	20	17	0
127+50.00	54	8	0
128+00.00	70	1	0
128+50.00	46	3	0
129+00.00	107	14	0
129+50.00	169	56	0
130+00.00	146	73	0
130+50.00	77	29	0
131+00.00	10	0	0
131+50.00	66	67	0
132+00.00	115	77	0
132+50.00	89	91	0
133+00.00	67	134	108
133+50.00	57	140	106
134+00.00	51	194	80
134+50.00	34	197	47
135+00.00	31	196	31
135+50.00	10	343	12
136+00.00	4	346	20
136+50.00	4	199	52
137+00.00	4	174	76
137+50.00	16	152	104
138+00.00	13	154	108
138+50.00	0	116	0
139+00.00	3	49	0
139+50.00	14	28	0
140+00.00	27	12	0
140+50.00	30	8	0
141+00.00	28	9	0

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
141+00.00	0	0	0
141+50.00	23	10	0
142+00.00	11	15	0
142+50.00	7	20	0
143+00.00	6	23	0
143+50.00	4	32	0
144+00.00	6	32	0
144+50.00	6	31	0
145+00.00	12	25	0
145+50.00	15	9	0
146+00.00	6	2	0
146+50.00	2	17	0
147+00.00	2	38	0
147+50.00	2	42	0
148+00.00	2	45	0
148+50.00	3	44	0
149+00.00	3	37	0
149+50.00	6	17	0
150+00.00	21	0	0
150+50.00	32	0	0

Station PHASE II L LT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
151+00.00	29	0	0
151+50.00	18	0	0
151+70.00	2	1	0

Station PHASE III L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
12+00.00	0	0	0
12+50.00	58	16	0
13+00.00	45	36	0
13+50.00	24	43	0
14+00.00	14	41	0
14+50.00	13	37	0
15+00.00	11	34	0
15+50.00	12	30	0
16+20.70	9	19	0

Station PHASE III L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
17+25.00	0	0	0
18+00.00	6	8	0
18+50.00	5	14	0
19+00.00	1	34	0
19+50.00	0	79	0
20+00.00	0	138	0
20+50.00	0	184	0
21+00.00	0	208	0
21+50.00	0	212	0
22+00.00	0	189	0
22+50.00	0	178	0
23+00.00	0	168	0
23+50.00	0	148	0
24+00.00	0	130	0
24+50.00	0	94	0
25+00.00	0	56	0
25+50.00	0	42	0
26+00.00	0	46	0
26+50.00	0	45	0
27+00.00	1	41	0
27+50.00	1	40	0
28+00.00	3	40	0
28+50.00	5	36	0
29+00.00	6	33	0
29+50.00	6	33	0
30+00.00	6	35	0
30+50.00	4	50	0
31+00.00	2	52	0
31+50.00	1	37	0
32+00.00	1	54	0
32+50.00	1	70	0
33+00.00	1	65	0
33+50.00	2	112	0

Station PHASE III L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
34+00.00	1	110	0
34+50.00	0	79	0
35+00.00	1	85	0
35+50.00	2	60	0
36+00.00	3	50	0
36+50.00	4	52	0
37+00.00	4	49	0
37+50.00	5	45	0
38+00.00	5	37	0
38+50.00	6	29	0
39+00.00	7	21	0
39+50.00	4	23	0
40+00.00	4	25	0
40+50.00	3	45	0
41+00.00	0	76	0
41+50.00	1	78	0
42+00.00	2	50	0
42+50.00	2	45	0
43+00.00	1	64	0
43+50.00	1	61	0
44+00.00	2	57	0
44+50.00	3	59	0
45+00.00	3	58	0
45+50.00	4	56	0
46+00.00	31	51	0
46+50.00	63	41	0
47+00.00	75	28	0
47+50.00	84	26	0
48+00.00	93	42	0
48+50.00	104	39	0
49+00.00	111	25	0
49+50.00	117	17	0
49+82.00	45	5	0

Station PHASE III L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
49+92.00	0	0	0
50+00.00	16	1	0
50+50.00	102	24	0
51+00.00	68	51	0
51+50.00	42	63	0
52+00.00	17	68	0
52+50.00	3	88	0
53+00.00	0	124	0
53+50.00	0	163	0
54+00.00	0	201	0
54+50.00	0	224	0
55+00.00	0	226	0
55+50.00	0	153	0
56+00.00	0	143	0
56+50.00	0	203	0
57+00.00	0	190	0

R:\xsc\newear\PHI_L_RT_EW.log

PROJ. REFERENCE NO.	SHEET NO.
U-3613B	X-1C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station PHASE III L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)	Station PHASE III L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)	Station PHASE III L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)	Station PHASE III L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
57+50.00	0	185	0	81+85.97	0	0	0	108+50.00	7	89	0	132+50.00	4	101	0
58+00.00	0	183	0	82+50.00	1	15	0	109+00.00	10	55	0	133+00.00	4	65	0
58+50.00	8	164	0	83+00.00	1	38	0	109+50.00	14	47	0	133+50.00	3	41	0
59+00.00	8	147	0	83+50.00	0	55	0	110+00.00	16	26	0	134+00.00	2	65	0
59+50.00	0	133	0	84+00.00	0	53	0	110+50.00	30	5	0	134+50.00	5	71	0
60+00.00	0	110	0	84+50.00	0	54	0	111+00.00	70	5	0	135+00.00	9	249	0
60+50.00	0	87	0	85+00.00	0	63	0					135+50.00	8	270	0
61+00.00	0	67	0	85+50.00	0	68	0	Station PHASE III L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)	136+00.00	6	85	0
61+50.00	3	42	0	86+00.00	1	66	0					136+50.00	5	82	0
62+00.00	9	25	0	86+50.00	6	58	0					137+00.00	4	104	0
62+50.00	13	19	0	87+00.00	11	66	0	111+00.00	0	0	0	137+50.00	2	70	0
63+00.00	19	11	0	87+50.00	13	80	0	111+50.00	99	2	0	138+00.00	0	42	0
63+50.00	24	3	0	88+00.00	12	87	0	112+00.00	89	0	0	138+50.00	0	59	0
64+00.00	26	0	0	88+50.00	15	78	0	112+50.00	59	0	0	139+00.00	0	45	0
64+50.00	22	5	0	89+00.00	19	60	0	113+00.00	33	6	0	139+50.00	0	35	0
65+00.00	17	11	0	89+50.00	13	32	0	113+50.00	15	18	0	140+00.00	2	27	0
65+50.00	14	20	0	90+00.00	5	5	0	114+00.00	3	39	0	140+50.00	2	29	0
66+00.00	10	25	0	90+50.00	5	38	0	114+50.00	0	61	0	141+00.00	0	58	0
66+50.00	10	22	0	91+00.00	4	76	0	115+00.00	0	100	0				
67+00.00	12	23	0	91+50.00	1	77	0	115+50.00	0	130	57	Station PHASE III L RT.	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	UnderCut (cu. yd.)
67+50.00	11	23	0	92+00.00	0	75	0	116+00.00	0	93	60				
68+00.00	12	18	0	92+50.00	1	71	0	116+50.00	0	110	54				
68+50.00	13	15	0	93+00.00	1	64	0	117+00.00	1	134	30	141+00.00	0	0	0
69+00.00	9	18	0	93+50.00	1	56	0	117+50.00	4	103	0	141+50.00	0	96	0
69+50.00	4	26	0	94+00.00	1	51	0	118+00.00	5	87	0	142+00.00	0	124	0
70+00.00	2	32	0	94+50.00	3	76	30	118+50.00	3	88	0	142+50.00	0	159	0
70+50.00	1	34	0	95+00.00	6	96	62	119+00.00	3	92	0	143+00.00	0	178	0
71+00.00	1	36	0	95+50.00	8	93	68	119+50.00	7	72	0	143+50.00	0	181	0
71+50.00	1	35	0	96+00.00	23	90	78	120+00.00	11	49	0	144+00.00	0	181	0
72+00.00	1	30	0	96+50.00	21	91	81	120+50.00	19	29	0	144+50.00	0	174	0
72+50.00	6	19	0	97+00.00	7	91	77	121+00.00	21	23	0	145+00.00	0	116	0
73+00.00	9	20	0	97+50.00	16	47	38	121+50.00	15	32	0	145+50.00	0	34	0
73+50.00	7	25	0	98+00.00	20	6	0	122+00.00	9	39	0	146+00.00	0	11	0
74+00.00	9	24	0	98+50.00	14	47	39	122+50.00	10	35	0	146+50.00	0	84	0
74+50.00	11	24	0	99+00.00	9	76	71	123+00.00	14	25	0	147+00.00	0	143	0
75+00.00	9	22	0	99+50.00	8	64	64	123+50.00	18	18	0	147+50.00	2	120	0
75+50.00	8	23	0	100+00.00	5	86	56	124+00.00	24	10	0	148+00.00	4	105	0
76+00.00	9	21	0	100+50.00	1	89	0	124+50.00	26	8	0	148+50.00	3	96	0
76+50.00	14	14	0	101+00.00	2	68	0	125+00.00	27	8	0	149+00.00	1	80	0
77+00.00	12	15	0	101+50.00	4	60	0	125+50.00	26	7	0	150+50.00	11	115	0
77+50.00	5	29	0	102+00.00	5	51	0	126+00.00	23	4	0	151+00.00	7	4	0
78+00.00	3	36	0	102+50.00	6	56	0	126+50.00	19	6	0	151+50.00	9	2	0
78+50.00	3	27	0	103+00.00	5	68	0	127+00.00	19	10	0	151+70.00	2	1	0
79+00.00	7	17	0	103+50.00	5	99	0	127+50.00	29	9	0				
79+50.00	11	16	0	104+00.00	10	123	0	128+00.00	29	9	0	Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	
80+00.00	21	15	0	104+50.00	15	122	0	128+50.00	18	10	0				
80+50.00	36	9	0	105+00.00	16	172	0	129+00.00	12	18	0				
81+00.00	47	7	0	105+50.00	40	164	0	129+50.00	8	38	0	10+18.01	0	0	
81+85.97	45	7	0	106+00.00	52	100	0	130+00.00	5	59	0	10+50.00	2	20	
				106+50.00	36	98	0	130+50.00	2	95	0	11+00.00	1	16	
				107+00.00	35	99	0	131+00.00	0	70	0				
				107+50.00	23	68	0	131+50.00	0	100	0				
				108+00.00	9	78	0	132+00.00	2	149	0				

R:\xsc\newear\PHI_L_RT_EW.log

PROJ. REFERENCE NO.	SHEET NO.
U-3613B	X-1D

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt
Y1	(cu. yd.)	(cu. yd.)
17+00.00	0	0
17+50.00	9	6
18+00.00	9	6
18+50.00	0	0
19+00.00	15	10
19+50.00	45	31
20+00.00	51	35
20+50.00	40	22
21+00.00	34	15
21+50.00	26	17
22+00.00	19	17
22+50.00	13	9
23+00.00	8	7
23+50.00	6	10
24+00.00	5	9
24+50.00	5	8
25+00.00	6	11
25+50.00	6	10
26+00.00	4	8
26+25.00	1	2

Station	Uncl. Exc.	Embt
Y1A	(cu. yd.)	(cu. yd.)
10+34.0000	0	0
10+50.0000	5	11
11+00.0000	7	17

Station	Uncl. Exc.	Embt
Y2	(cu. yd.)	(cu. yd.)
10+34.03	0	0
10+50.00	0	27
11+00.00	21	53
11+50.00	44	15
11+67.37	8	1

Station	Uncl. Exc.	Embt
Y4	(cu. yd.)	(cu. yd.)
11+00.00	0	0
11+50.00	0	20
12+00.00	0	144
12+24.90	0	123

Station	Uncl. Exc.	Embt
Y5	(cu. yd.)	(cu. yd.)
11+00.00	0	0
11+50.00	0	42
11+66.53	0	28

Station	Uncl. Exc.	Embt
Y6	(cu. yd.)	(cu. yd.)
9+40.00	0	0
9+50.00	0	1
10+00.00	17	12
10+50.00	40	25
11+00.00	40	22
11+50.00	31	10
12+00.00	60	13
12+50.00	99	19
13+00.00	78	22
13+40.92	40	20

Station	Uncl. Exc.	Embt
Y6	(cu. yd.)	(cu. yd.)
14+08.98	0	0
14+50.00	0	58
15+00.00	27	73
15+50.00	52	71
16+00.00	55	66
16+50.00	42	49
17+00.00	41	43
17+50.00	52	41
17+66.61	9	5

Station	Uncl. Exc.	Embt
Y7	(cu. yd.)	(cu. yd.)
10+75.00	0	0
11+00.00	8	0
11+50.00	16	36
11+66.89	0	24

Station	Uncl. Exc.	Embt
Y8	(cu. yd.)	(cu. yd.)
10+00.00	0	0
10+50.00	0	0
11+00.00	39	0
11+50.00	98	0
11+69.12	45	0

Station	Uncl. Exc.	Embt
Y10	(cu. yd.)	(cu. yd.)
9+32.00	0	0
9+50.00	2	1
10+00.00	19	2
10+50.00	33	1
11+00.00	34	6
11+50.00	14	79
11+71.73	0	65

Station	Uncl. Exc.	Embt
Y11	(cu. yd.)	(cu. yd.)
10+00.00	0	0
10+50.00	62	0
11+00.00	92	0
11+50.00	109	4
11+65.05	35	2

Station	Uncl. Exc.	Embt
Y12	(cu. yd.)	(cu. yd.)
10+00.00	0	0
10+50.00	36	1
11+00.00	40	4
11+50.00	16	29
11+62.56	0	13

Station	Uncl. Exc.	Embt
Y13	(cu. yd.)	(cu. yd.)
10+85.00	0	0
11+00.00	6	1
11+50.00	11	12
11+99.11	1	22

Station	Uncl. Exc.	Embt
Y14	(cu. yd.)	(cu. yd.)
6+30.00	0	0
6+50.00	10	3
7+00.00	99	10
7+50.00	124	20
8+00.00	98	45
8+50.00	112	54
9+00.00	118	55
9+50.00	85	63
10+00.00	82	42
10+50.00	95	41
11+00.00	92	56
11+50.00	94	56
12+00.00	90	68
12+50.00	81	81
13+00.00	38	214
13+50.00	0	330
13+70.09	0	128

Station	Uncl. Exc.	Embt
Y16	(cu. yd.)	(cu. yd.)
11+80.00	0	0
12+00.00	10	1
12+50.00	10	1
12+68.53	0	0

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-2

-Y-

0.0300

68.86
14+00.00

68.97

3:1 3:1 2:1 2:1

DITCH ELEV. = 68.45

0.0300

0.0214

70.25

3:1

69.08
13+50.00

69.17

3:1 3:1 2:1 2:1

DITCH ELEV. = 67.95

0.0214

0.0006

69.65

3:1

69.22
13+00.00

69.02

3:1 3:1 2:1 2:1

DITCH ELEV. = 67.45

0.0200

69.10

3:1

69.20
12+50.00

68.97

3:1 3:1 2:1 2:1

DITCH ELEV. = 66.95

0.0200

68.94
12+00.00

3:1 3:1

DITCH ELEV. = 66.45

Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, Breaking of Existing Pavement, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."

—1—

03-FEB-2006 11:56
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$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-3

71.32
16+50.00

-Y1-

0.0081

0.0080

70.49
16+00.00

-Y1-

71.67

3:1

0.0276

0.0275

69.60

3:1

2:1 2:1

69.87
15+50.00

71.56

3:1

0.0300

0.0300

69.32

3:1

2:1 2:1

69.03
15+00.00

-Y-

69.16

0.0300

0.0300

3:1

2:1 2:1

68.92
14+50.00

26-JAN-2006 06:37
R:\sc\u3613b\rdwy11_rd.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-4

90 85 80 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

75
70
65

70.77 3:1 0.0250 72.40 72.10 0.0250 0.0250 71.37 3:1

70.36
19+00.00

70.18 3:1 0.0250 71.80 71.50 0.0250 0.0250 70.71 3:1

70.26
18+50.00

69.81 3:1 0.0250 71.43 71.13 0.0250 0.0250 70.21 3:1

70.40
18+00.00

-Y1- 0.0150 0.0136 -Y1-

70.61
17+50.00

BEGIN UNDERCUT @ 17+20.00

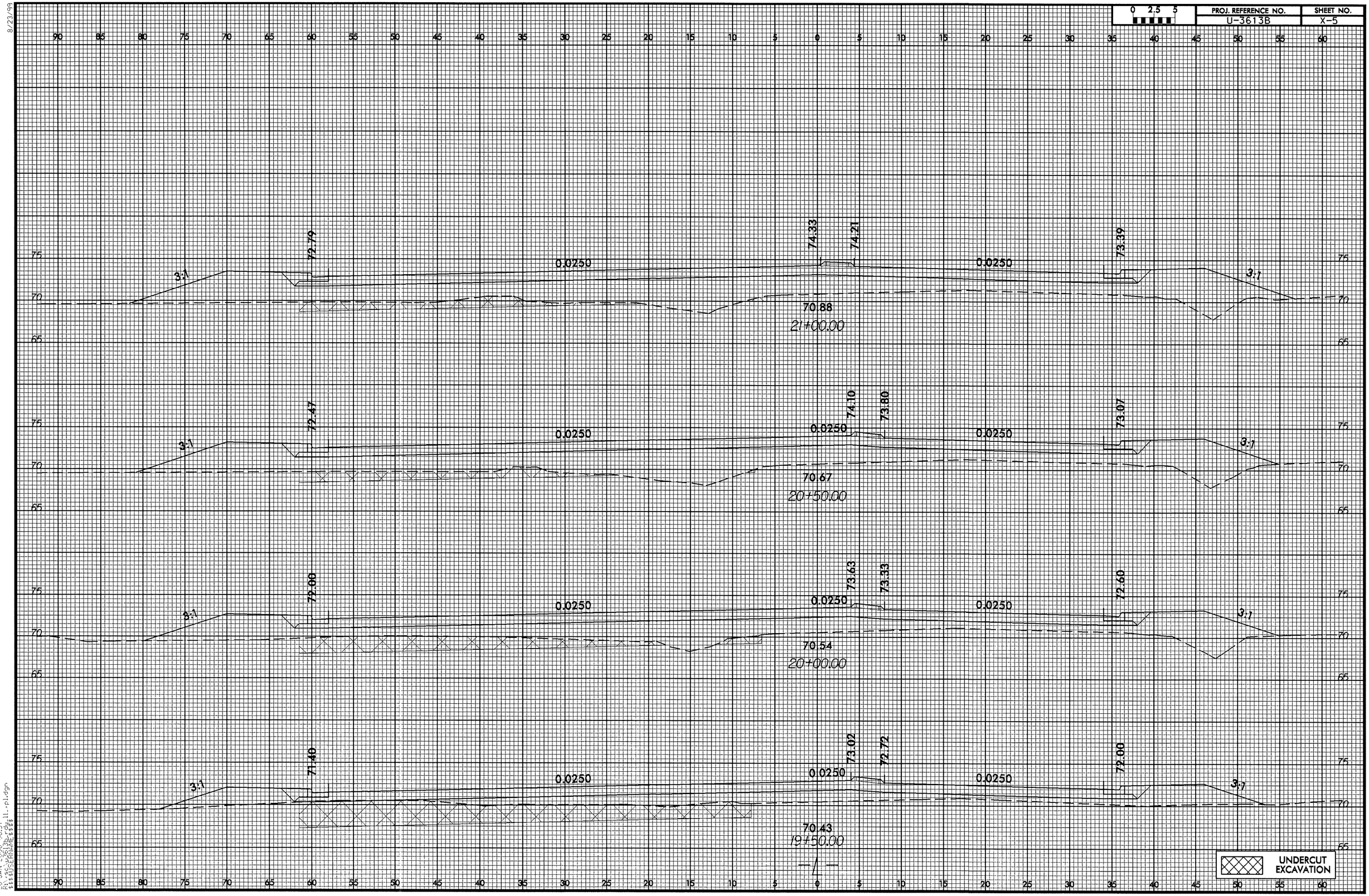
71.30
17+00.00

UNDERCUT EXCAVATION

26-JAN-2006 06:37
$$$$USERNAME$$$$
$$$$USERNAME$$$$_11_xpl.dgn

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-5



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8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-6

73.88
3:1
0.0250
72.41
23+50.00
0.0250
74.18
3:1

73.75
3:1
0.0250
72.26
23+00.00
0.0250
74.04
3:1

73.59
3:1
0.0250
71.85
22+50.00
0.0250
73.88
3:1

73.34
3:1
74.45
74.75
0.0250
71.52
22+00.00
0.0250
73.72
3:1

END UNDERCUT @ 21+50.00

73.03
3:1
74.35
74.54
0.0250
71.12
21+50.00
0.0250
73.57
3:1

UNDERCUT EXCAVATION

26-JAN-2006 06:37
C:\projects\3613b\plan\sheets\3613b_x6_pl.dgn
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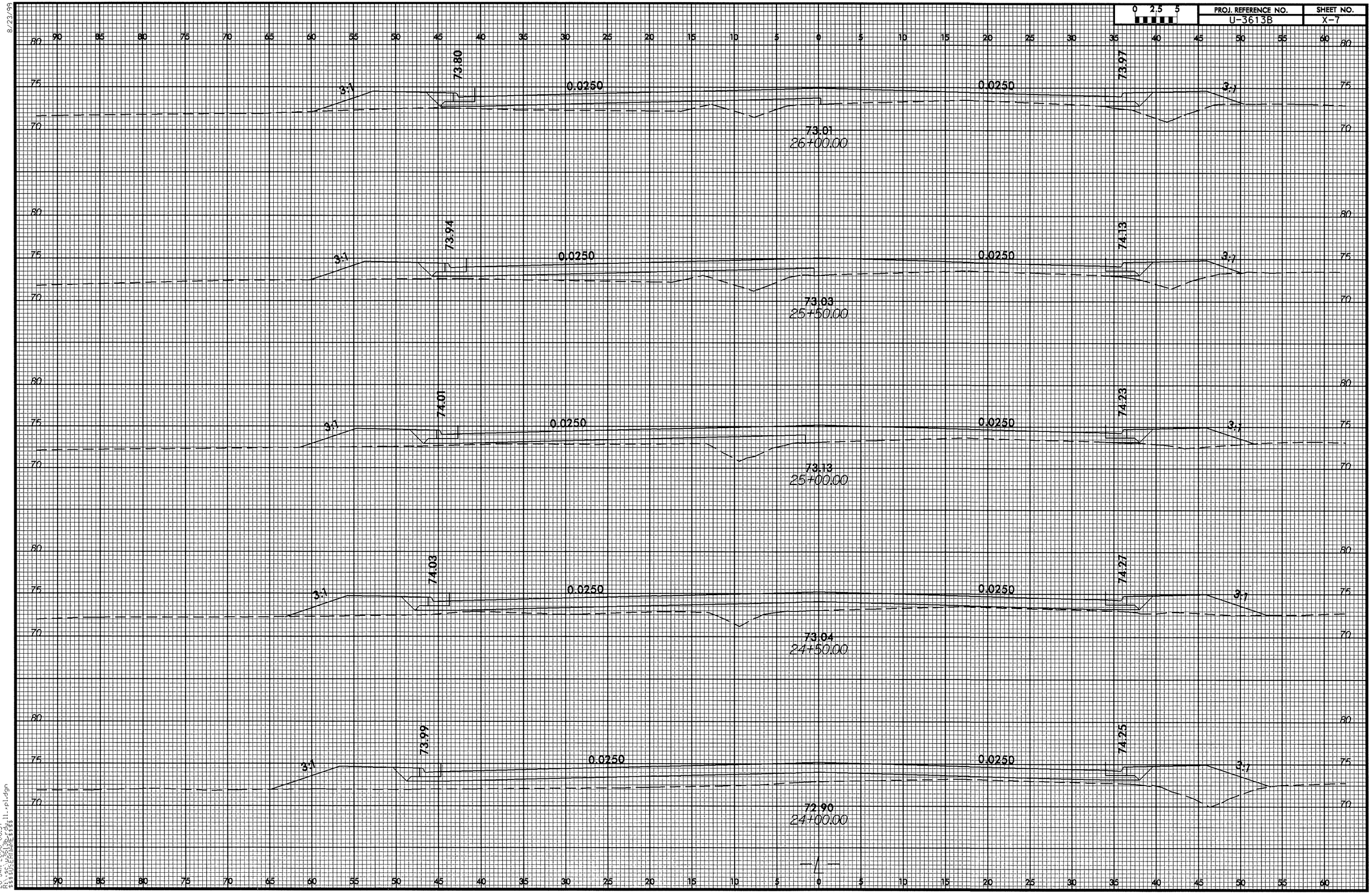
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-7



26-JAN-2006 06:37
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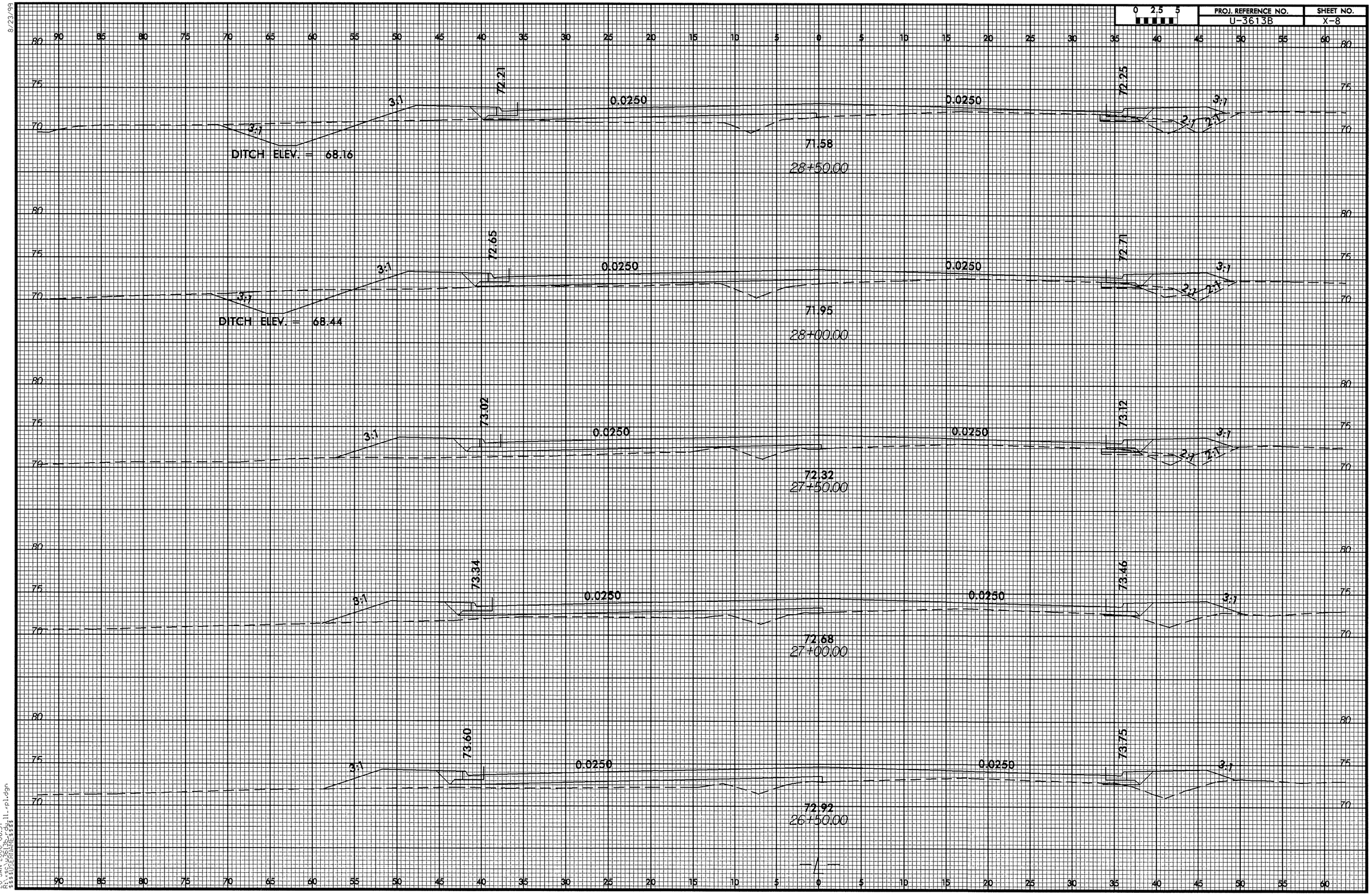
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-8



26-JAN-2006 06:37
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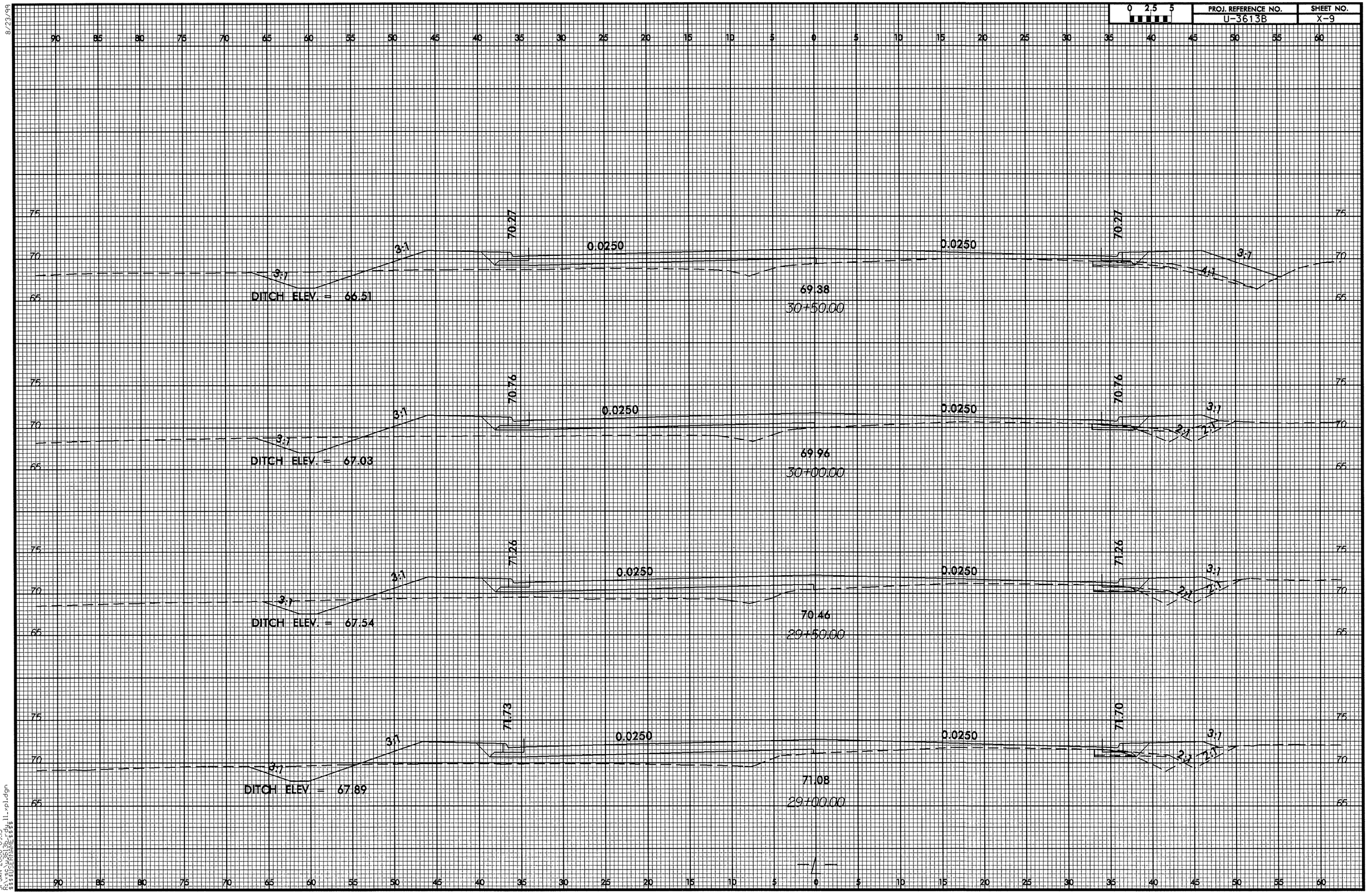
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-9



31-JAN-2006 09:13
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8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-10

90 85 80 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

70
65
60

68.30
3:1
3:1
0.0250
0.0250
68.30
WIDENED FOR GUARDRAIL
3:1
2:1
2:1
DITCH ELEV. = 63.50
67.37
32+50.00

68.78
3:1
3:1
0.0250
0.0250
68.78
3:1
4:1
DITCH ELEV. = 64.74
67.74
32+00.00

-Y1A-

75
70
66

0.0250
0.0250
69.27
3:1
68.22
31+50.00

-Y1A-

75
70
65

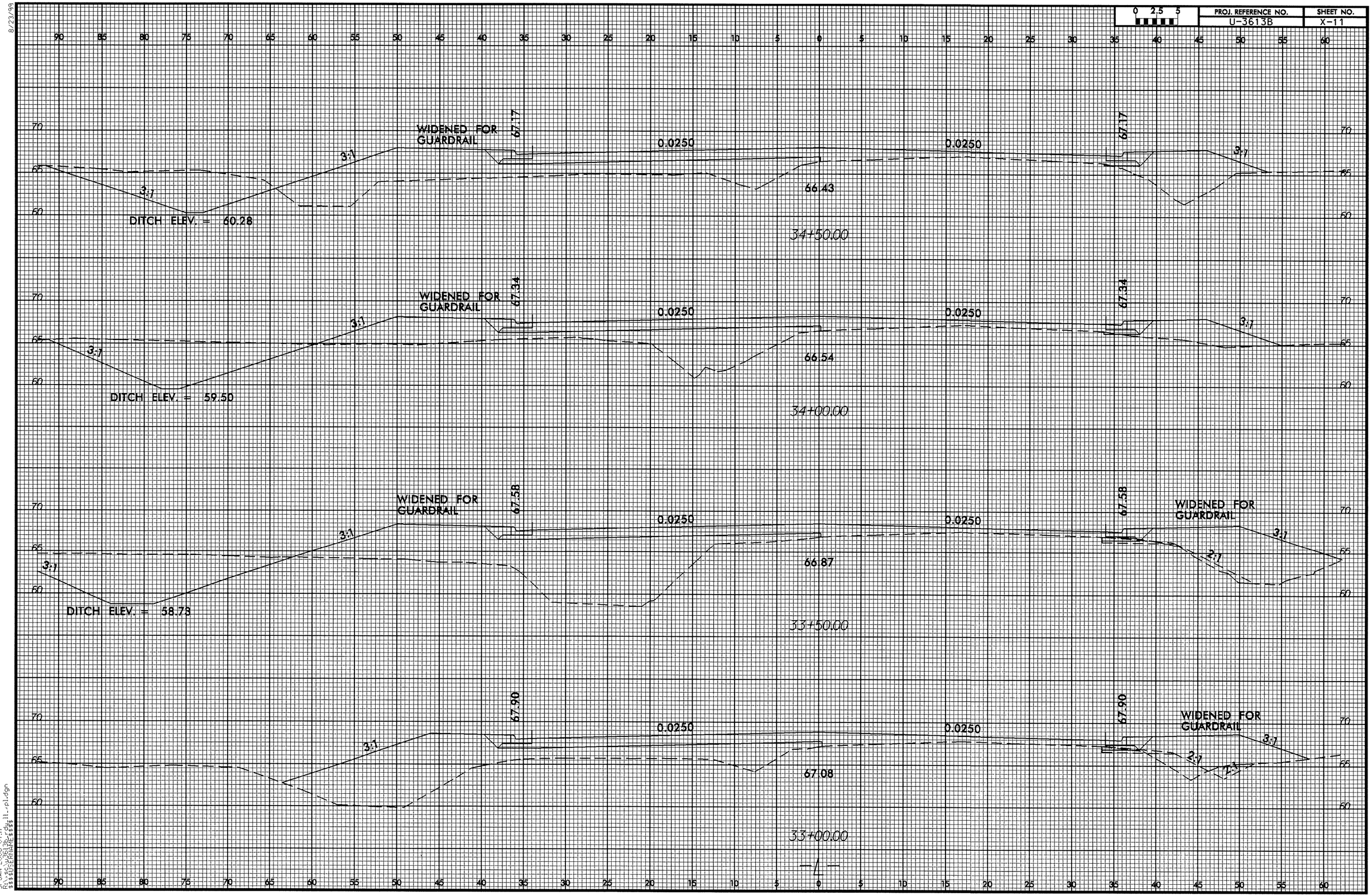
0.0250
0.0250
69.77
3:1
68.80
31+00.00

90 85 80 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

31-JAN-2006 07:17
R:\scdata\d0638\dgn\d0638-rdwy11.xpl.dgn
rssscemkness

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-11



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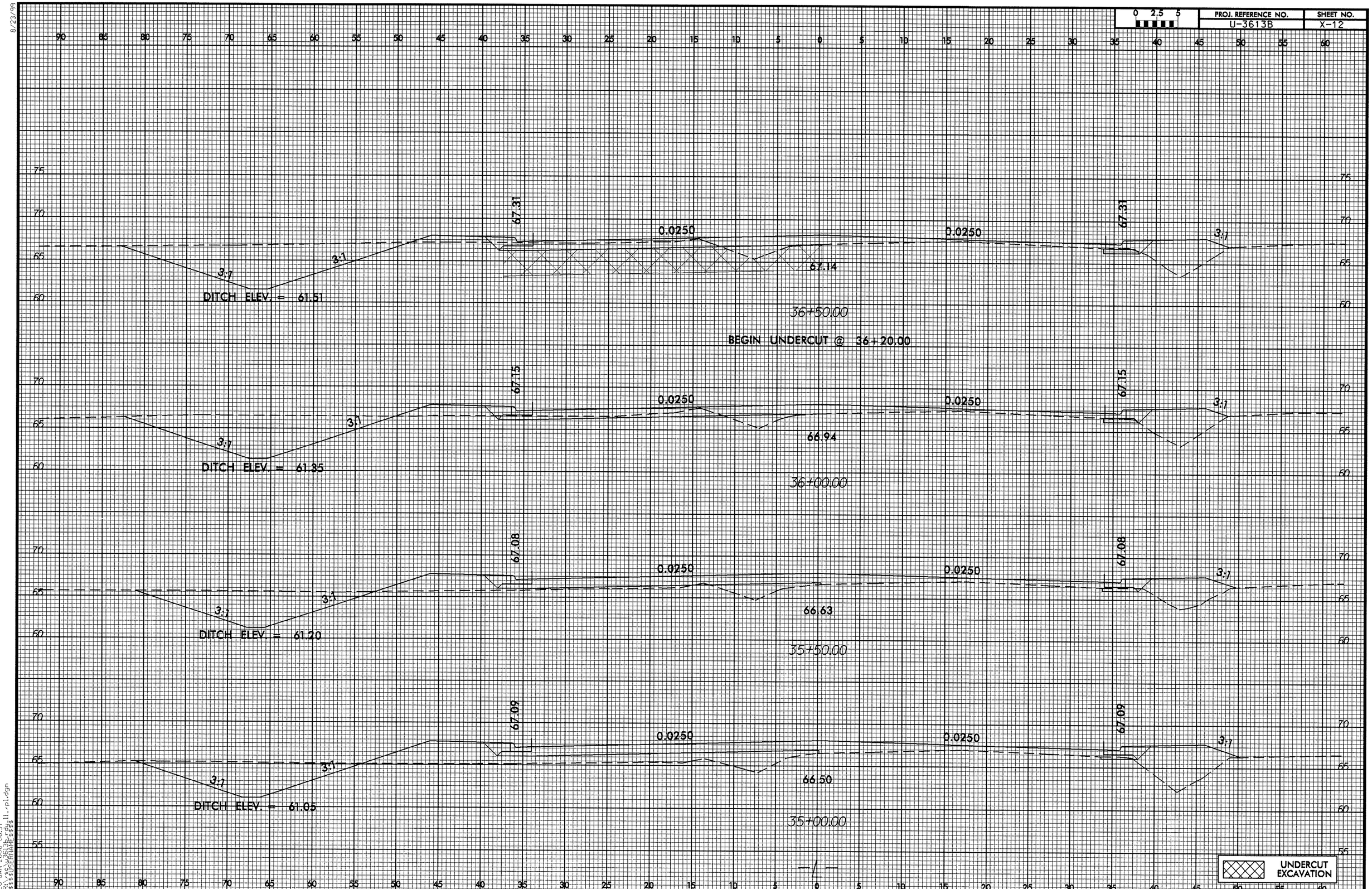
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-12



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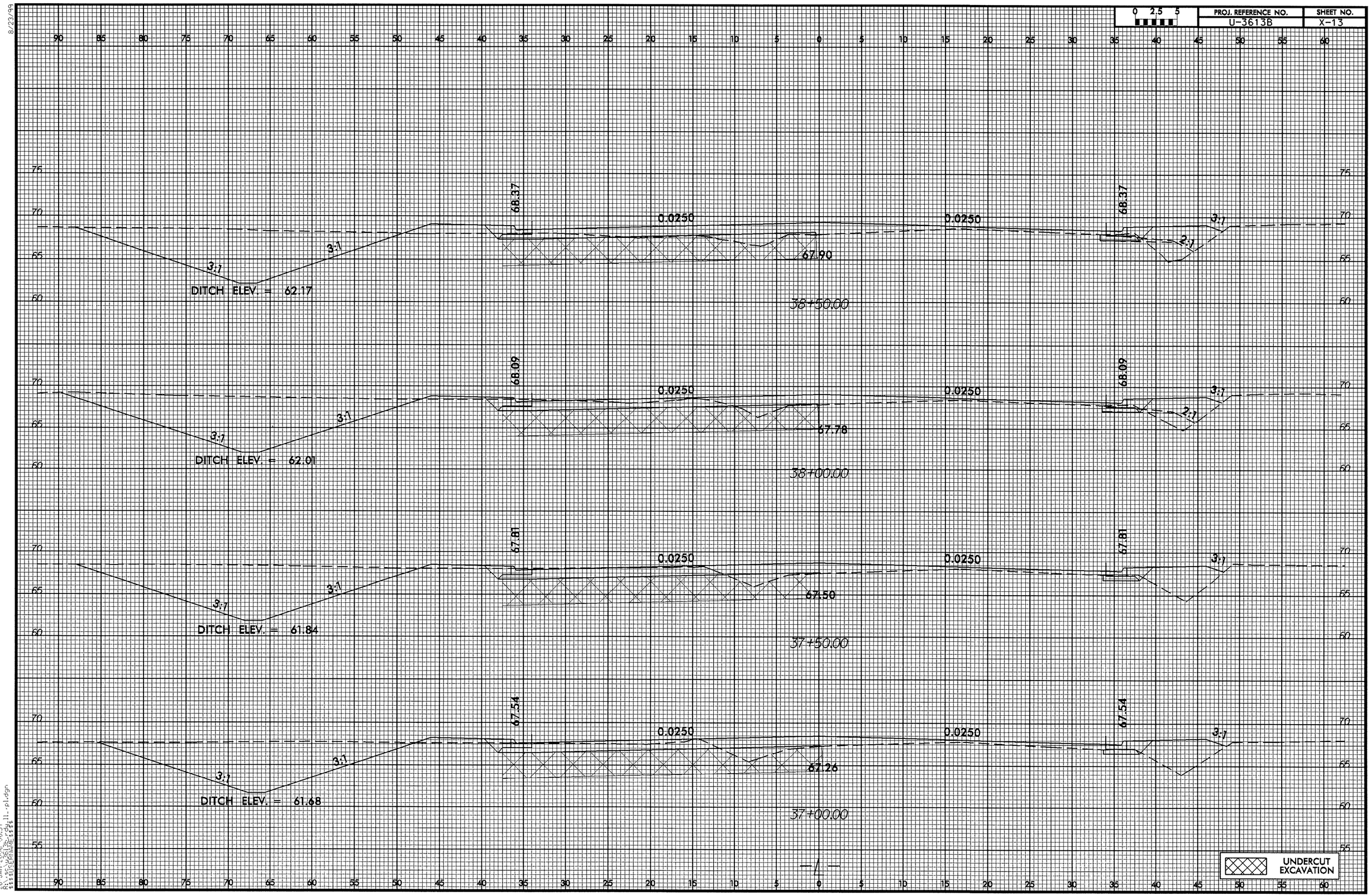
8/23/99

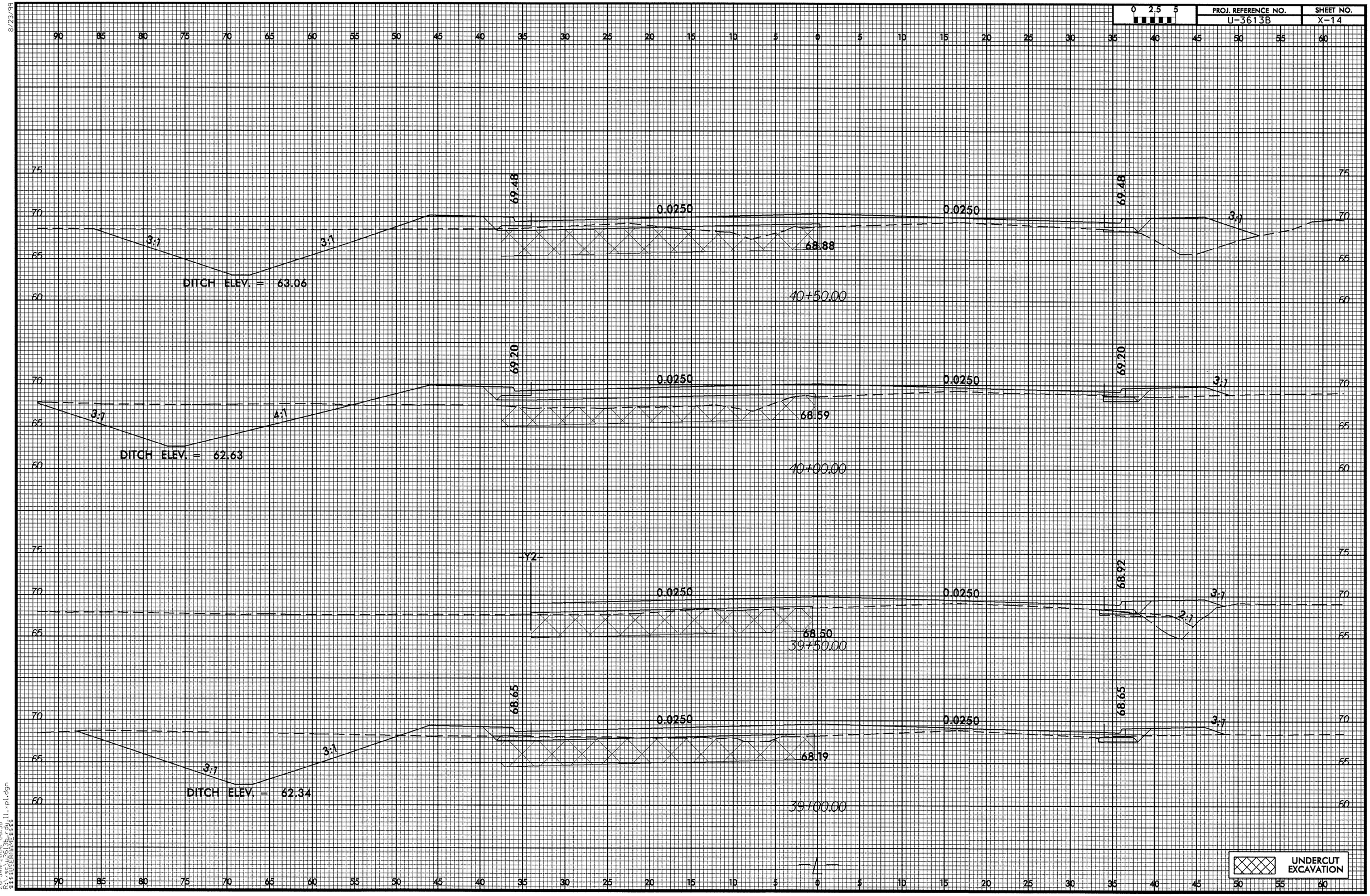
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-13



26-JAN-2006 06:37
R:\36-U3613B-rdy11..pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-14



26-JAN-2006 06:38
R:\projects\3613b\roadway\il_pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-15

90 85 80 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

80 75 70 65

END UNDERCUT @ 42+50.00

70.59 0.0250 0.0250 70.59 3:1

3:1 3:1 69.76

DITCH ELEV. = 64.78

42+50.00

75 70 65

70.31 0.0250 0.0250 70.31 3:1

3:1 3:1 69.42

DITCH ELEV. = 64.35

42+00.00

75 70 65

70.04 0.0250 0.0250 70.04 3:1

3:1 3:1 69.29

DITCH ELEV. = 63.92

41+50.00

75 70 65 60

69.76 0.0250 0.0250 69.76 3:1

3:1 3:1 69.18

DITCH ELEV. = 63.49

41+00.00

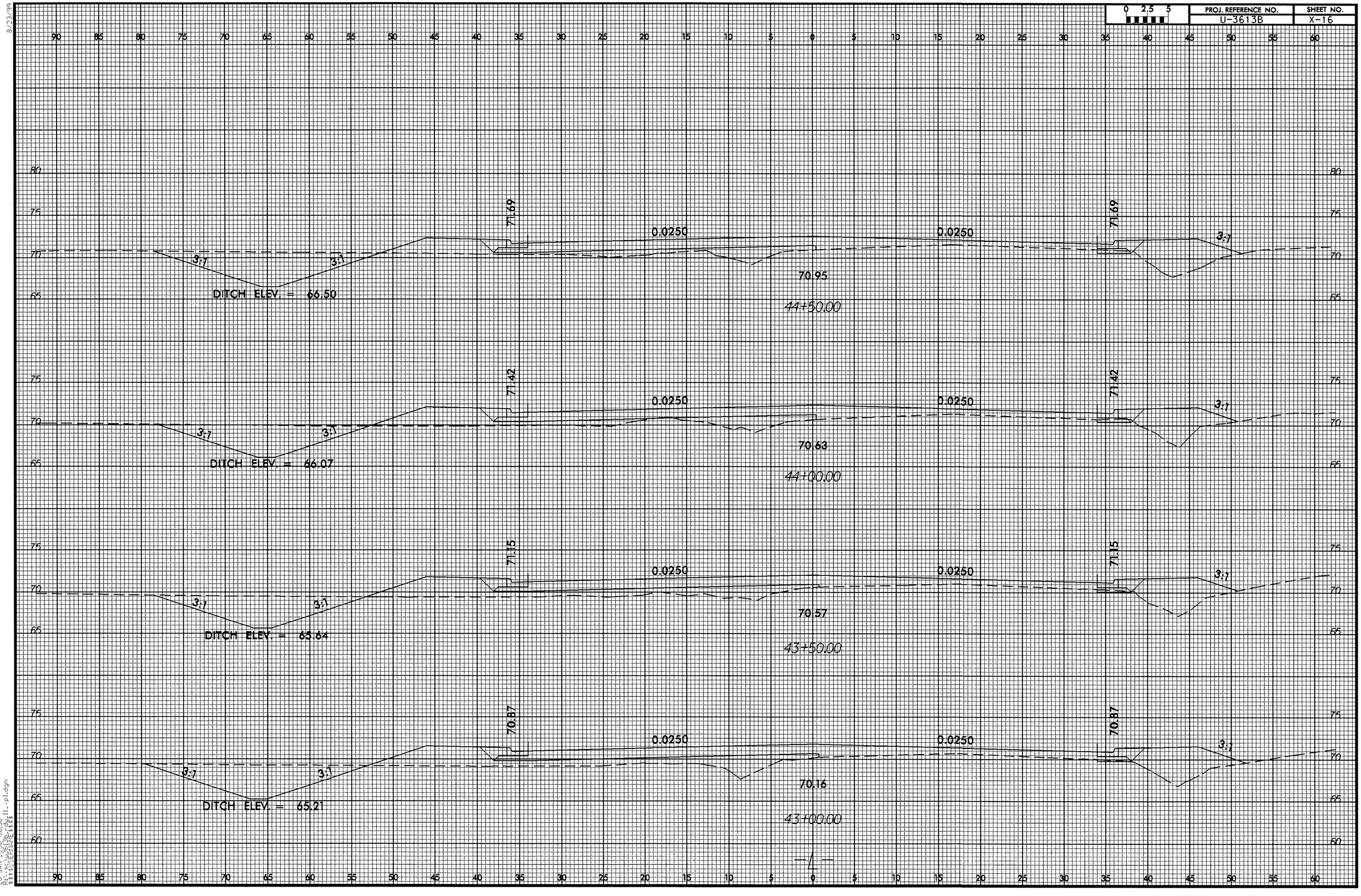
UNDERCUT EXCAVATION

90 85 80 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

26-JAN-2006 06:38
R:\scdata\p3613b\gpl\il-rpl.dgn
$$$$USERNAME$$$$

8/23/99

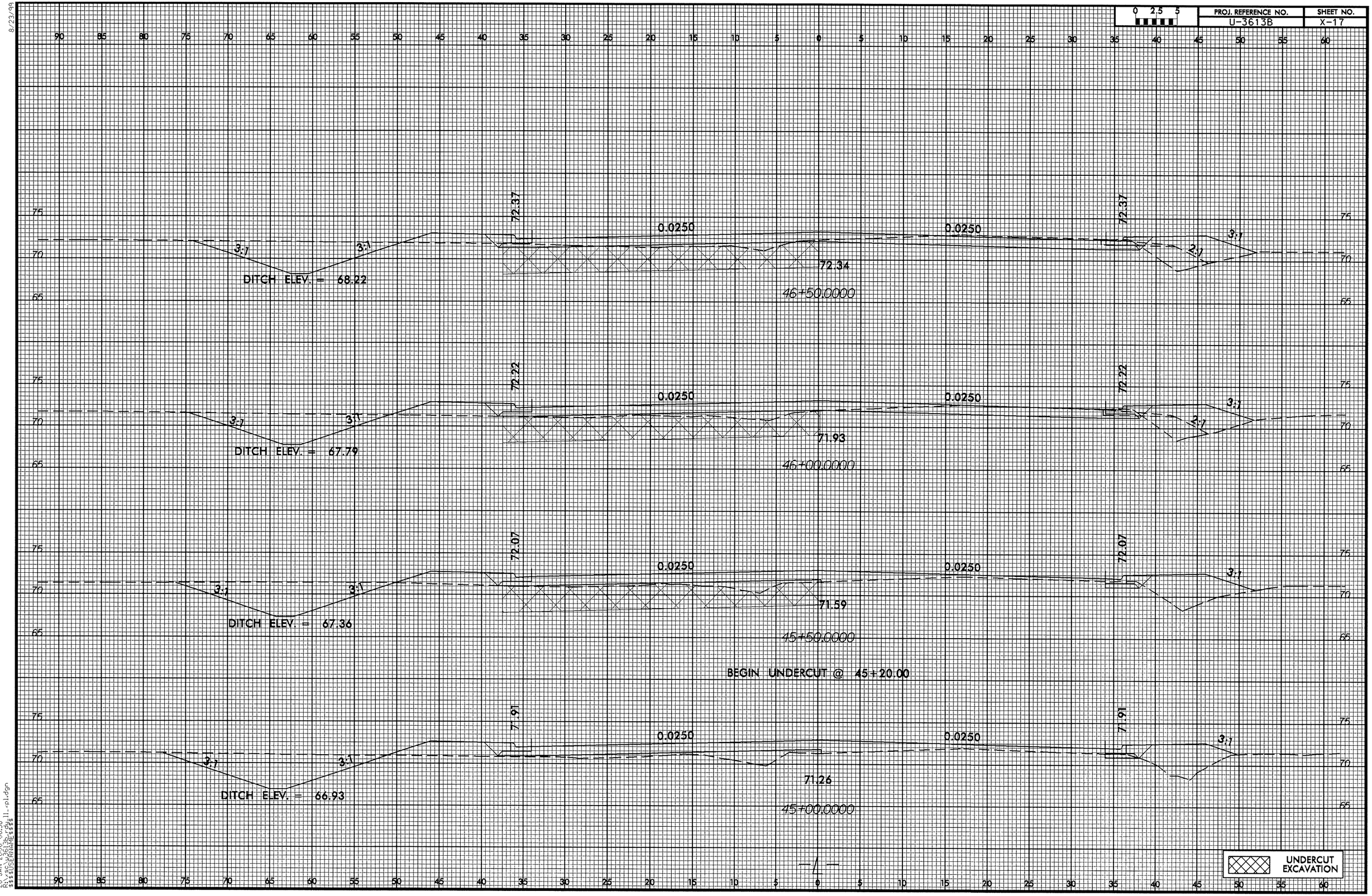
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-16



26-JAN-2006 06:38
R:\...\SCS\3613B_rdy_ll_-pl.dgn
$$USERNAME$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-17



26-JAN-2006 06:38
C:\projects\3613b\sheets\3613b_x11_pl.dgn
$$$$SCHRIMPF

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-18

END UNDERCUT@ 49+20.00

73.12

3:1

0.0250

74.01

49+00.00

72.97

3:1 5:1

DITCH ELEV. = 69.94

0.0250

73.87

48+50.00

72.82

3:1 3:1

DITCH ELEV. = 69.51

0.0250

73.43

48+00.00

72.67

3:1 3:1

DITCH ELEV. = 69.08

0.0250

73.10

47+50.00

72.52

3:1 3:1

DITCH ELEV. = 68.65

0.0250

72.72

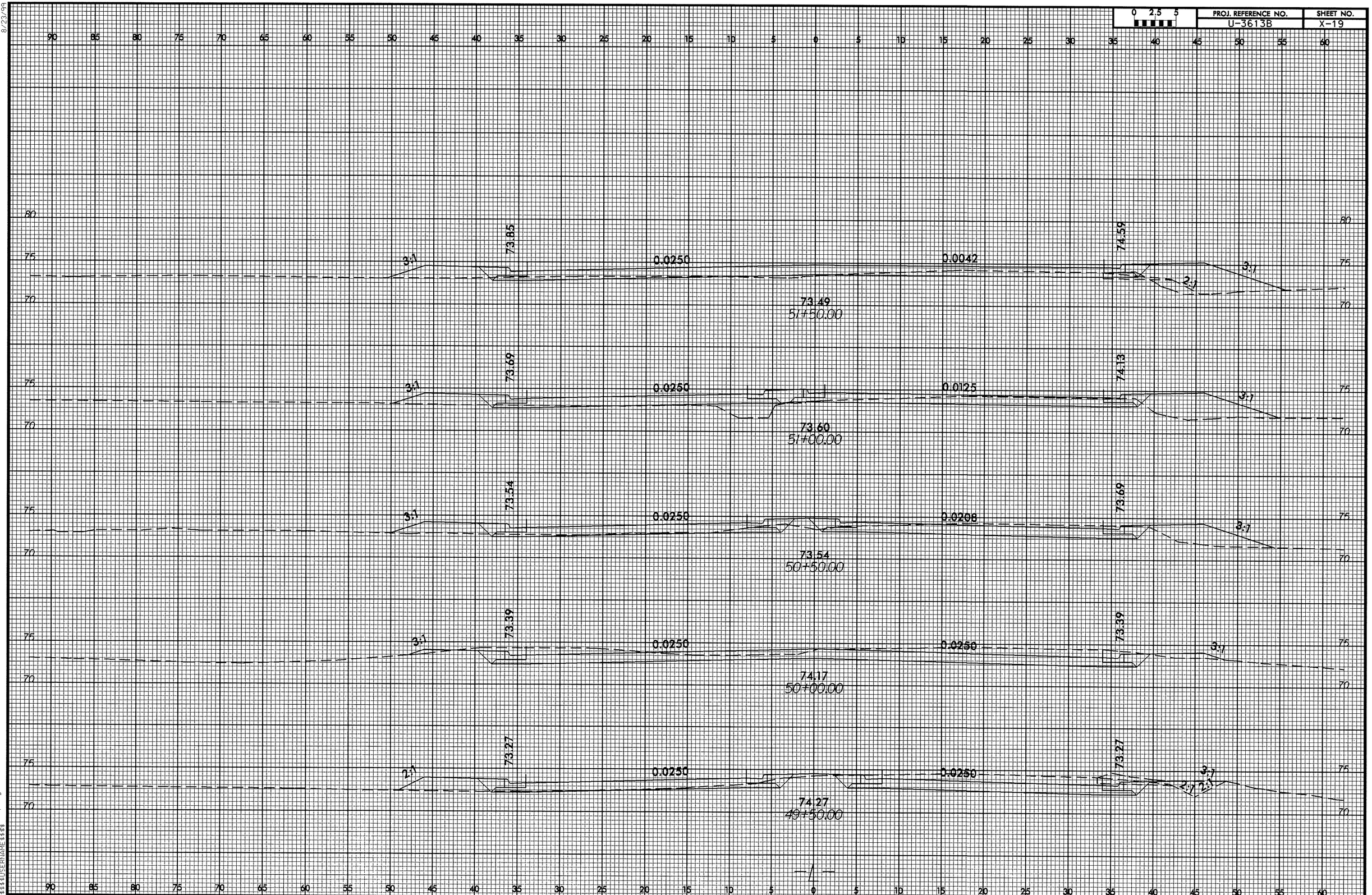
47+00.00

UNDERCUT EXCAVATION

26-JAN-2006 06:38
C:\projects\3613b\plan\3613b_xsec_pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-19



26-JAN-2006 06:38
C:\projects\3613B\plan\sht11_rpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-20

90 85 80 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

80 75 70

3:1 74.31 0.0292 73.14 53+50.00 0.0292 79.39 3:1 2:1 2:1

75 70

3:1 74.30 0.0250 73.14 53+00.00 0.0208 75.94 3:1 2:1

75 70 65

3:1 74.15 0.0250 73.27 52+50.00 0.0125 75.49 3:1 2:1 2:1

75 70 65

3:1 74.00 0.0250 73.48 52+00.00 0.0042 75.04 3:1 2:1

75 70 65

90 85 80 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

26-JAN-2006 06:38
R:\sc\u3613b\rdwy11_rpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-21

-Y4-

74.54
3:1
0.0400
0.0400
73.96
55+50.00

74.39
3:1
0.0400
77.23
0.0400
3:1
2:1 2:1
73.70
55+00.00

BEGIN UNDERCUT @ 54+80.00

74.24
3:1
0.0400
77.08
0.0400
3:1
2:1 2:1
73.41
54+50.00

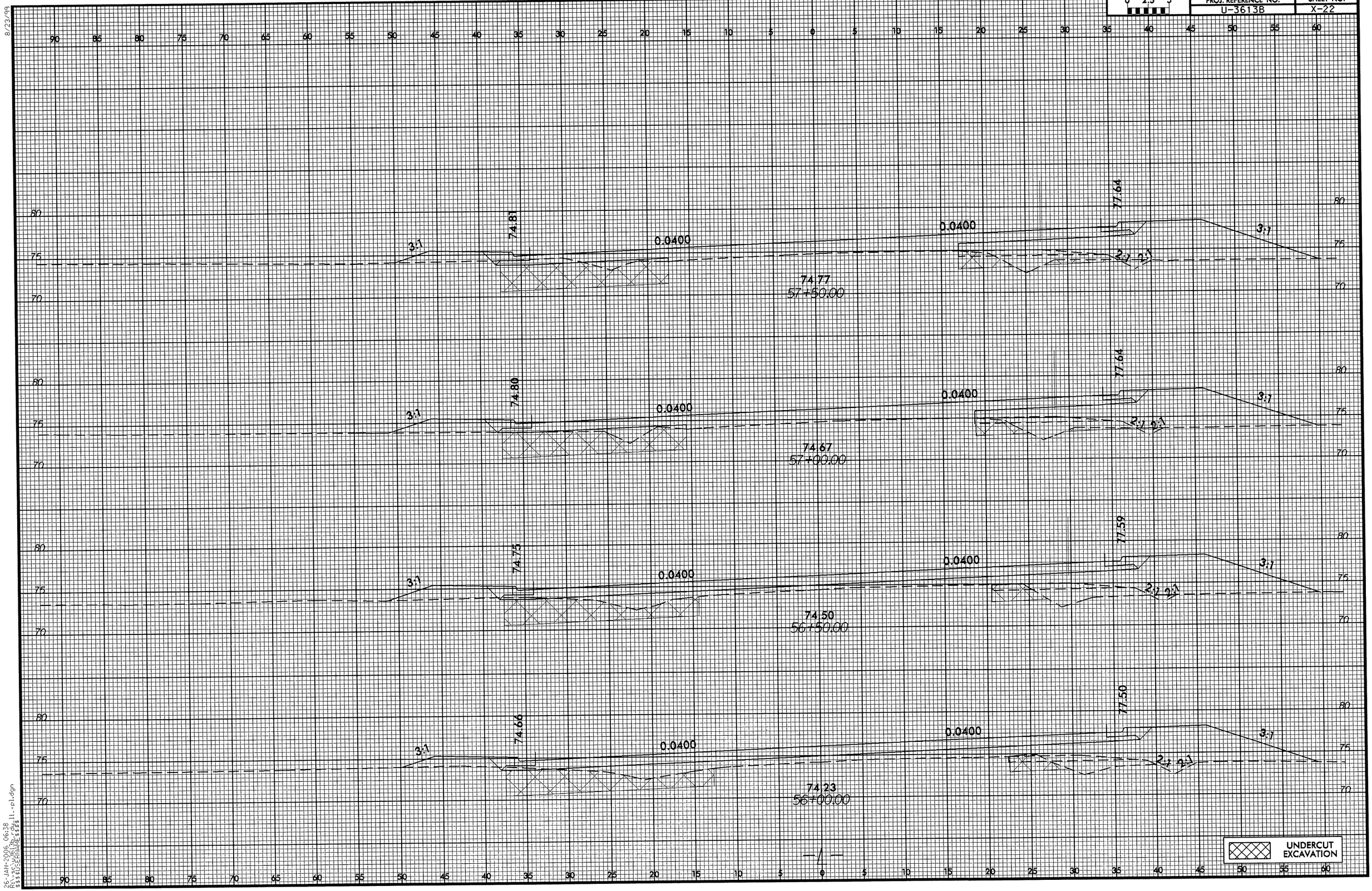
74.17
3:1
0.0375
76.84
0.0375
3:1
2:1 2:1
73.08
54+00.00

UNDERCUT EXCAVATION

26-JAN-2006 06:38
R:\sc\u3613b\rdy11_rpl.dgn
$$$$USERNAME$$$$

8/23/99

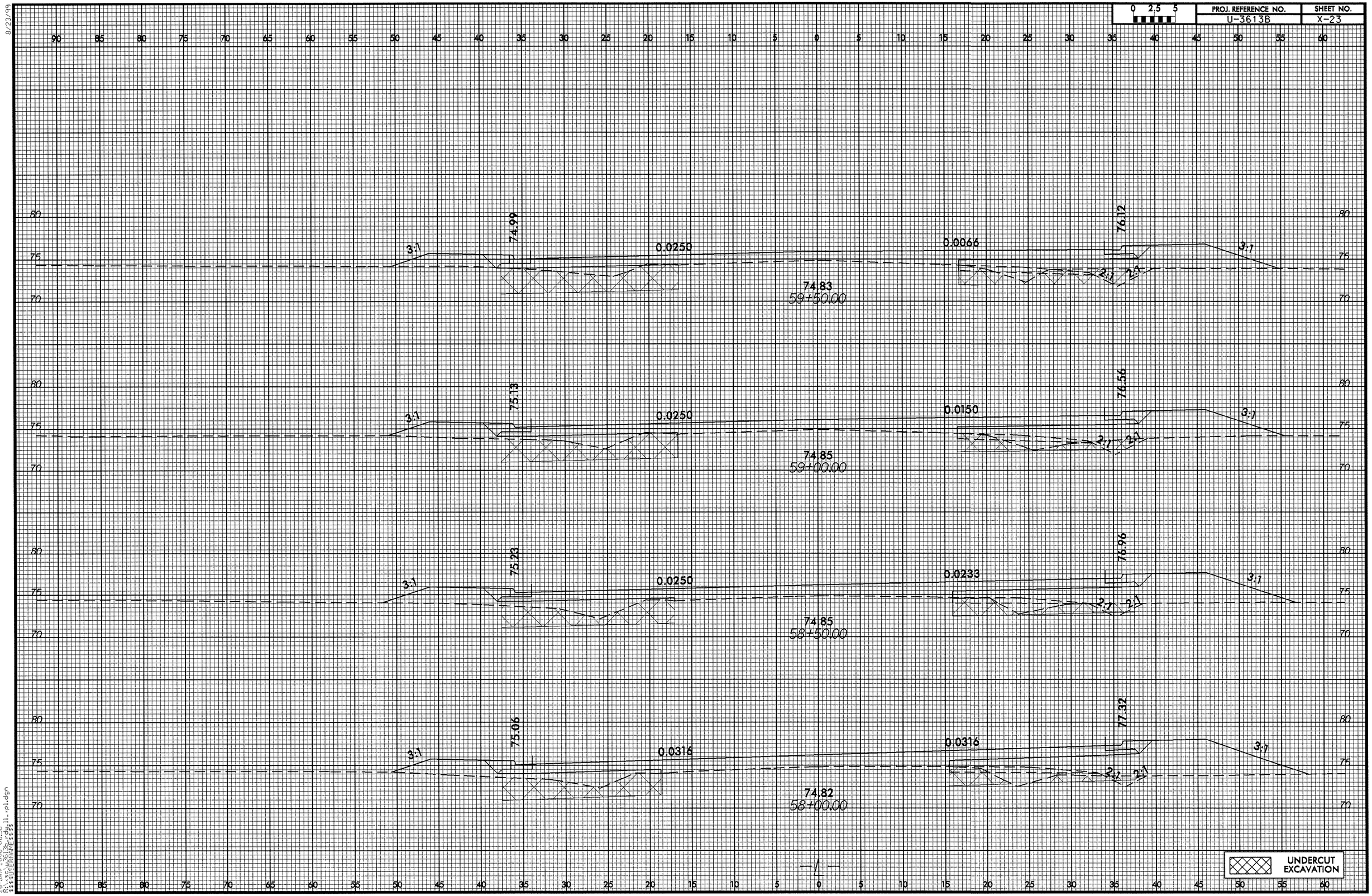
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-22



26-JAN-2006 06:38
R:\sdl\u3613b\rdy\ll_xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-23



26-JAN-2006 06:38
C:\projects\3613b\roll_pl.dgn
$$$$USERNAME

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-24

END UNDERCUT @ 62+20.00

74.28 | 3:1 | 0.0250 | 74.69 | 62+00.00 | 0.0250 | 74.28 | 2:1 | 2:1 | 3:1

74.40 | 3:1 | 0.0250 | 74.63 | 61+50.00 | 0.0250 | 74.40 | 2:1 | 2:1 | 3:1

74.54 | 3:1 | 0.0250 | 74.67 | 61+00.00 | 0.0184 | 74.77 | 2:1 | 2:1 | 3:1

74.69 | 3:1 | 0.0250 | 74.67 | 60+50.00 | 0.0100 | 75.22 | 2:1 | 2:1 | 3:1

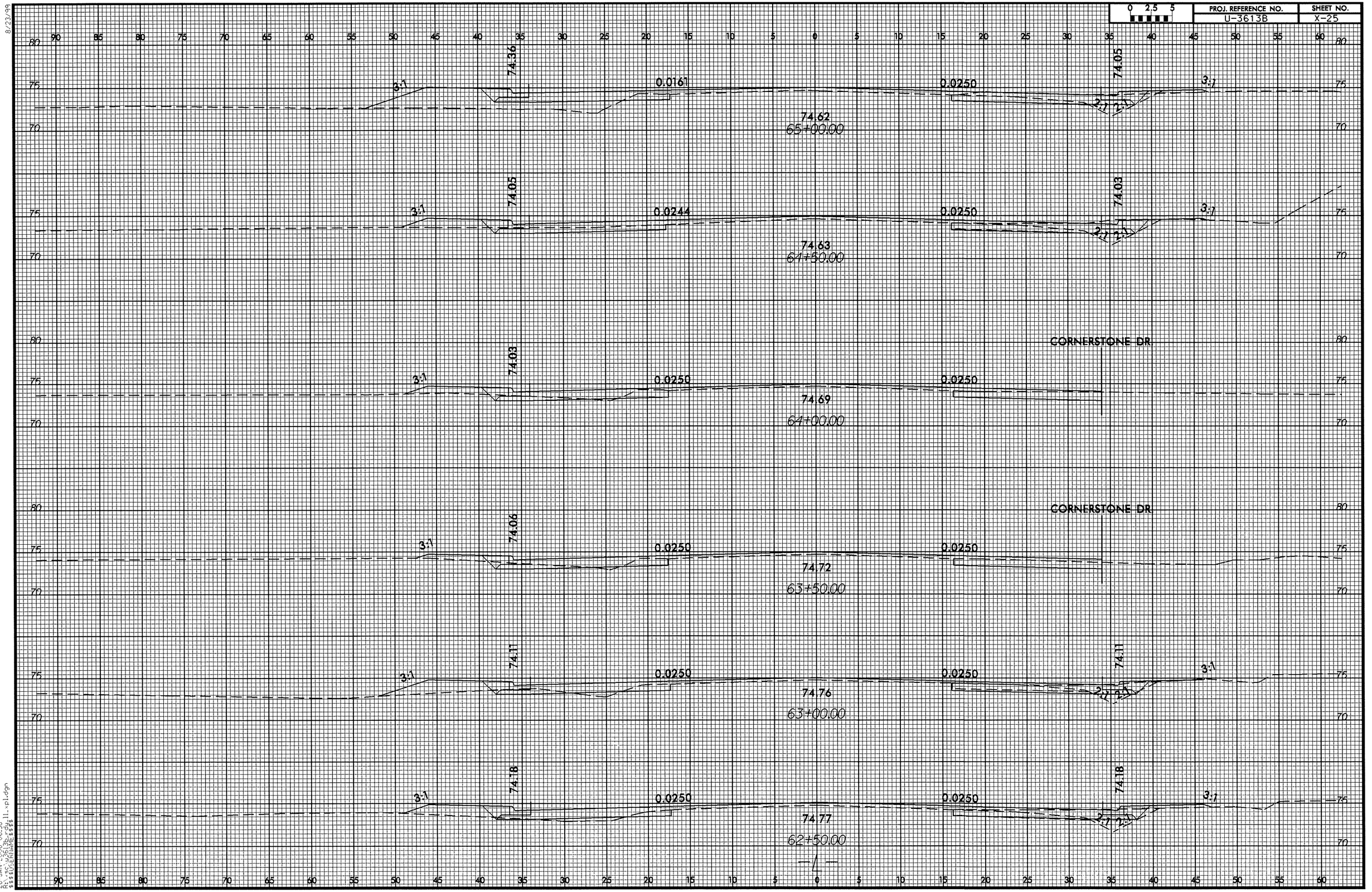
74.84 | 3:1 | 0.0250 | 74.73 | 60+00.00 | 0.0017 | 75.67 | 2:1 | 2:1 | 3:1

UNDERCUT EXCAVATION

26-JAN-2006 06:38
C:\projects\3613b\plan\3613b_x11_pl.dgn
$$$$USERNAME$$$$

8/23/99

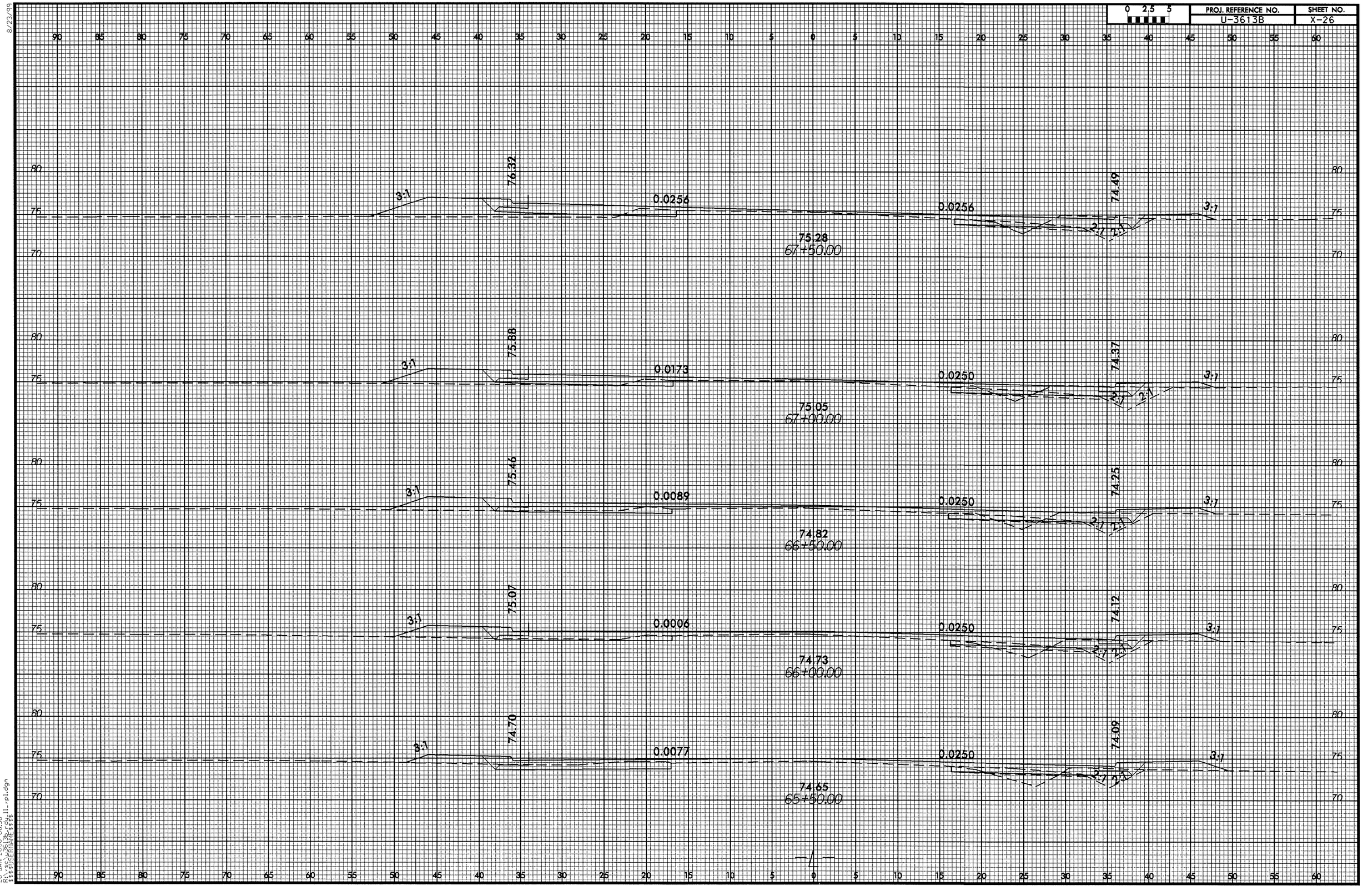
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-25



26-JAN-2006 06:38
R:\...\...\u3613b_rdy_ll_xpl.dgn
$$$$USERNAME$$$$

8/23/99

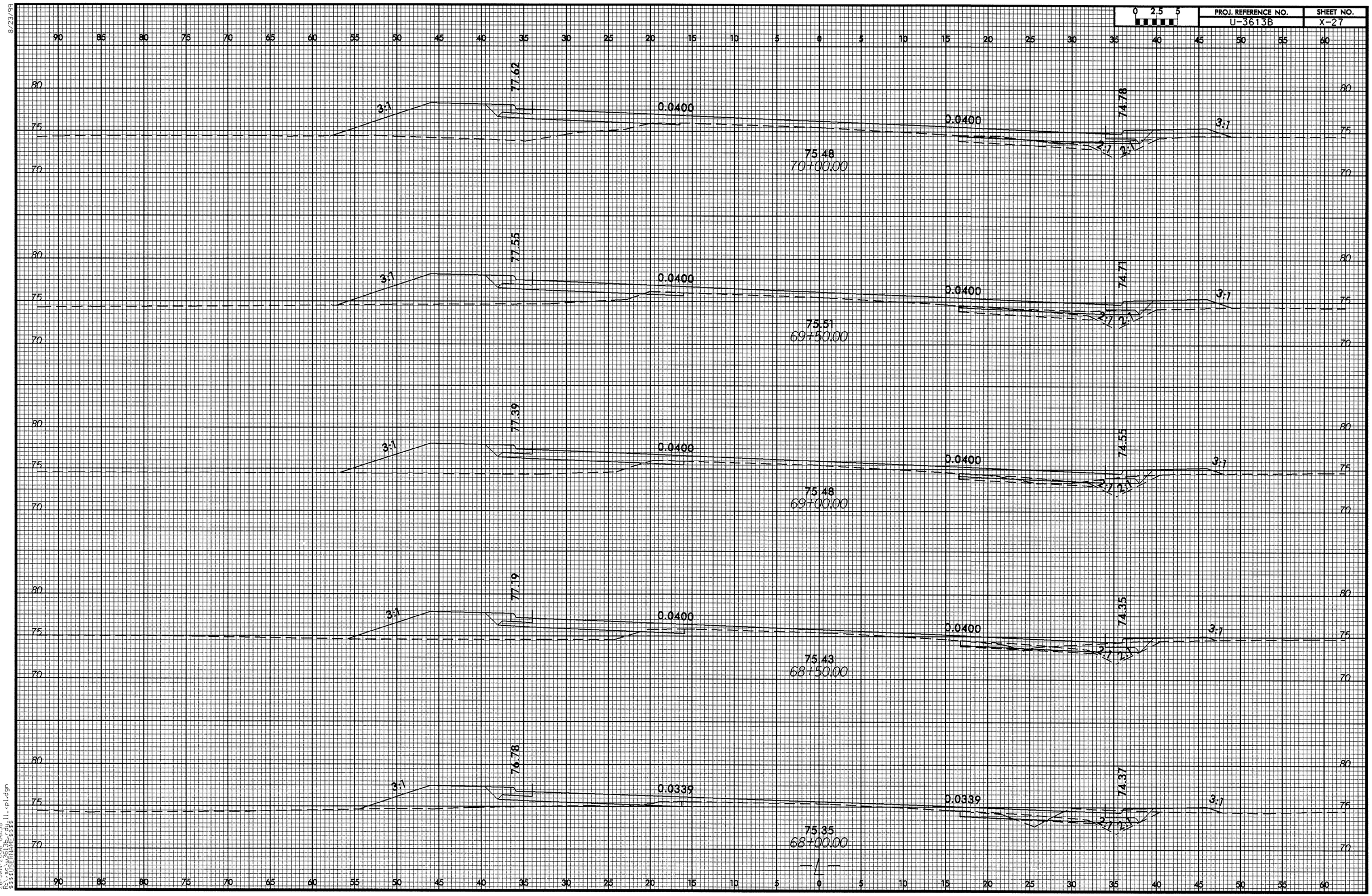
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-26



26-JAN-2006 06:38
R:\sc\u3613b\rdwy11_rpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-27



26-JAN-2006 06:38
C:\Projects\3613b\sht\3613b_sht_pl.dgn
$$$$STLPHAUS

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-28

90 85 80 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

80 75 70

76.83 3:1 0.0400 0.0400 73.99 3:1 2:1 2:1

74.74
72+50.00

BEGIN UNDERCUT @ 72+20.00

77.14 3:1 0.0400 0.0400 74.31 3:1 2:1 2:1

74.97
72+00.00

77.38 3:1 0.0400 0.0400 74.54 3:1 2:1 2:1

75.23
71+50.00

77.54 3:1 0.0400 0.0400 74.70 3:1 2:1 2:1

75.37
71+00.00

77.62 3:1 0.0400 0.0400 74.78 3:1 2:1 2:1

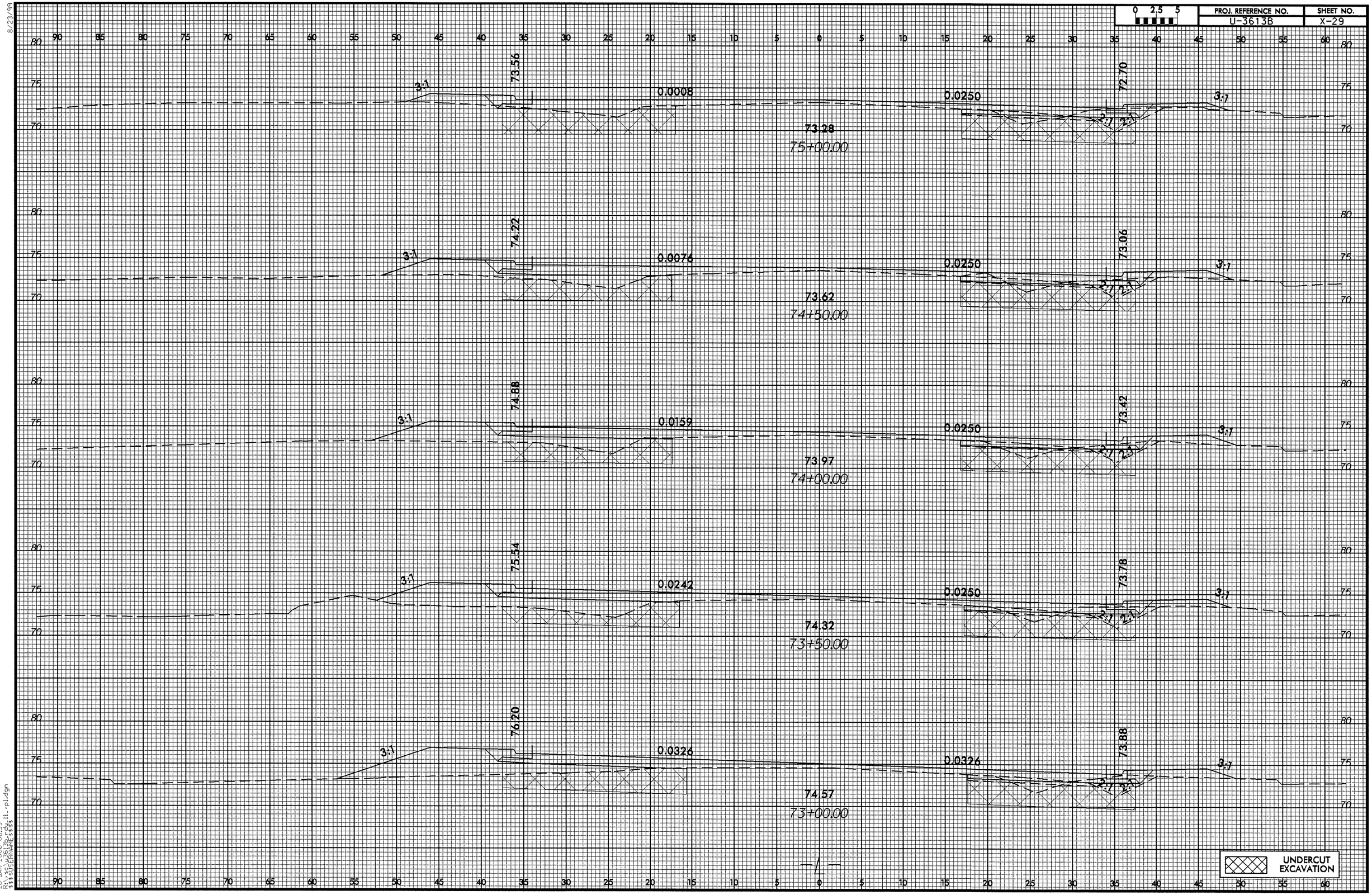
75.45
70+50.00

UNDERCUT EXCAVATION

26-JAN-2006 06:39
R:\sec\w3613b\rdwy\ll_xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-29



26-JAN-2006 06:39
R:\sdd\projects\3613b\roll_plots\3613b_roll_pl.dgn
$$USERNAME$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-30

77+50.00

71.77 71.77 70.89

3:1 0.0250 0.0250 3:1

71.35

77+00.00

71.76 72.24 72.02

71.16

3:1 0.0250 0.0250 3:1

71.76

76+50.00

71.61 71.61

3:1 0.0250 0.0250 3:1

72.20

76+00.00

72.24 71.98

3:1 0.0174 0.0250 3:1

72.50

75+50.00

72.90 72.34

3:1 0.0091 0.0250 3:1

72.90

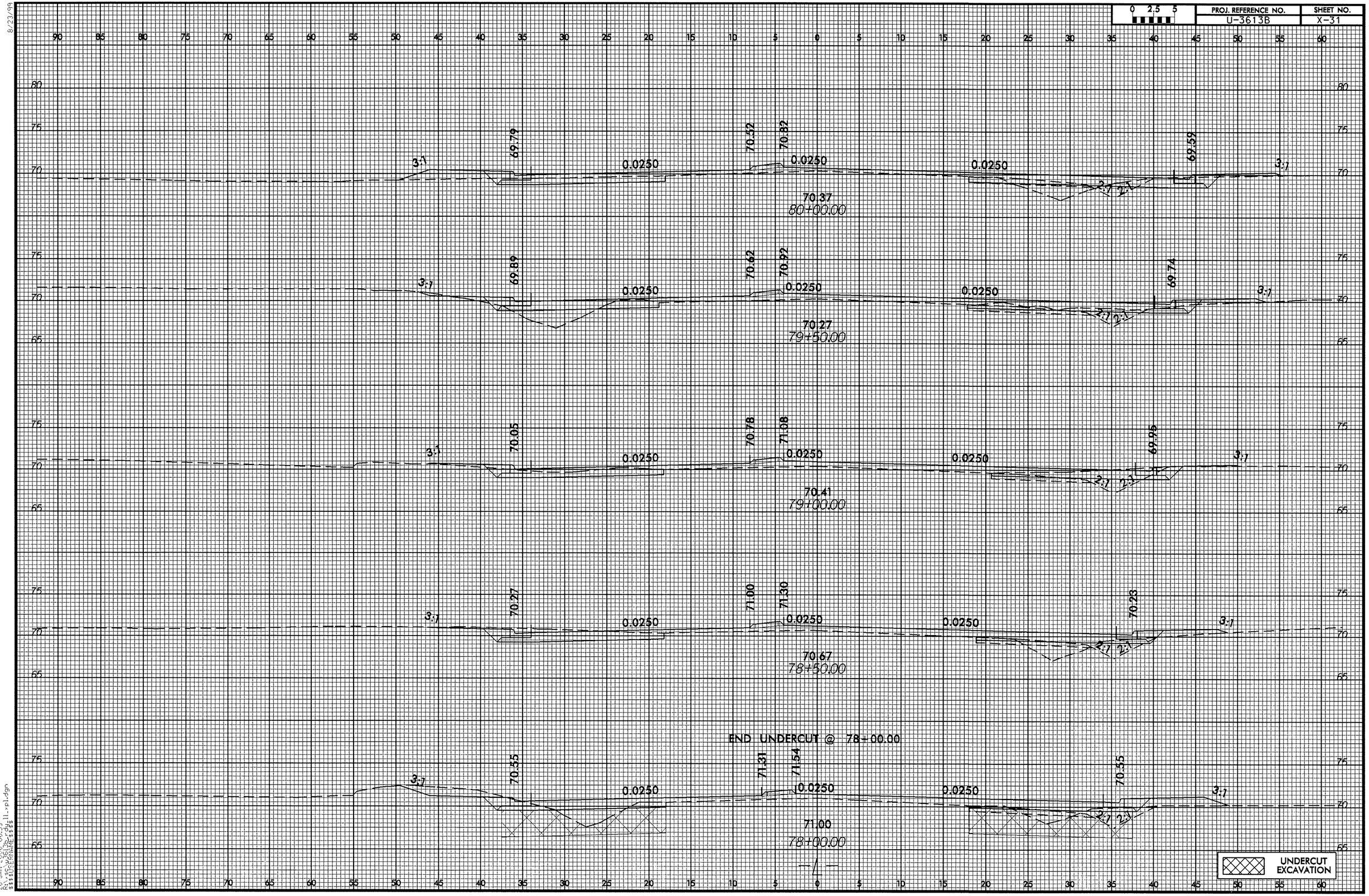
UNDERCUT EXCAVATION

26-JAN-2006 06:39
C:\projects\3613b\plan\3613b_sht11_rpl.dgn
$$$$USERNAME$$$$

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-3613B	X-31

0 2.5 5



26-JAN-2006 06:39
R:\projects\3613b\roadway\design\sheets\3613b_xsheets_11_>pl.dgn

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-32

-Y6-

0.025

0.025

69.78
82+00.00

-Y6-

-Y6-

0.0250

0.0250

69.96
81+50.00

-Y6-

-Y6-

3:1

69.56

70.51

70.81

0.0250

0.0250

0.0250

69.41

3:1

2:1

3:1

70.26
81+00.00

3:1

69.66

70.49

70.79

0.0250

0.0250

0.0250

69.49

3:1

2:1

3:1

70.34
80+50.00

26-JAN-2006 06:39
N:\ss\c\u3613b\rdwy11_rpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-33

95 90 85 80 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

75 / 70 / 65

3:1 69.59 0.0250 0.0250 0.0250 70.91 70.64 0.0213 70.01 3:1 2:1

70.04

84+00.00

BEGIN UNDERCUT @ 84+00.00

3:1 69.75 0.0250 0.0250 0.0250 71.08 70.78 0.0250 70.01 3:1 2:1

70.19

83+50.00

3:1 69.83 0.0250 0.0250 0.0250 71.16 70.86 0.0250 69.97 3:1 2:1

70.16

83+00.00

-Y6- 0.0250 0.0250 0.0250 -Y5-

70.06

82+50.00

UNDERCUT EXCAVATION

95 90 85 80 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

01-FEB-2006 16:09
R:\sc\u3613b\rdy\12_xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-34

95 90 85 80 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

75 / 70 / 65

3:1 | 68.78 | 0.0250 | 0.0250 | 69.84 | 69.98 | 0.0172 | 70.42 | 3:1

69.43

86+50.00

END UNDERCUT @ 86-00.00

3:1 | 68.63 | 0.0250 | 0.0250 | 69.94 | 69.91 | 0.0095 | 70.14 | 3:1

69.35

86+00.00

76 / 70 / 65

3:1 | 68.73 | 0.0250 | 0.0250 | 70.06 | 69.98 | 0.0018 | 69.99 | 3:1

69.44

85+50.00

75 / 70 / 65

3:1 | 68.99 | 0.0250 | 0.0250 | 70.32 | 70.17 | 0.0059 | 69.97 | 3:1

69.61

85+00.00

75 / 70 / 65

3:1 | 69.33 | 0.0250 | 0.0250 | 70.66 | 70.45 | 0.0136 | 70.03 | 3:1

69.84

84+50.00

UNDERCUT EXCAVATION

95 90 85 80 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

26-JAN-2006 06:39
C:\projects\3613b\rdwy12_rpl.dgn
$$$$SCRIPTNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-35

88+50.00

3:1 | 69.11 | 0.0350 | 70.06 | 70.00 | 70.62 | 0.0350 | 71.56 | 3:1

88+00.00

3:1 | 69.01 | 0.0350 | 70.00 | 69.84 | 70.56 | 0.0350 | 71.50 | 2.5:1

87+50.00

3:1 | 68.98 | 0.0325 | 69.90 | 69.64 | 70.42 | 0.0325 | 71.29 | 2.5:1

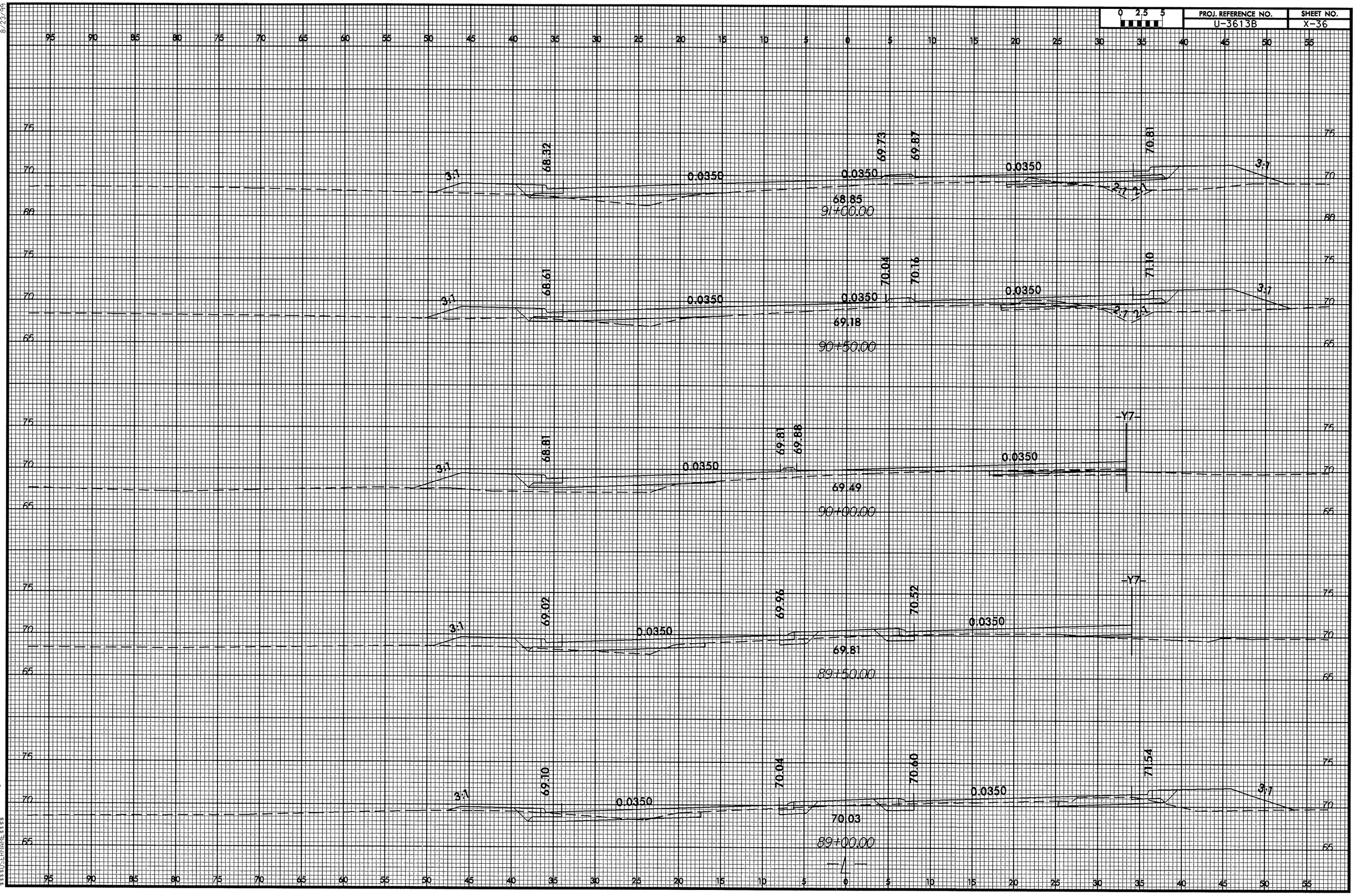
87+00.00

3:1 | 68.05 | 0.0250 | 69.82 | 69.54 | 70.18 | 0.0249 | 70.83 | 3:1

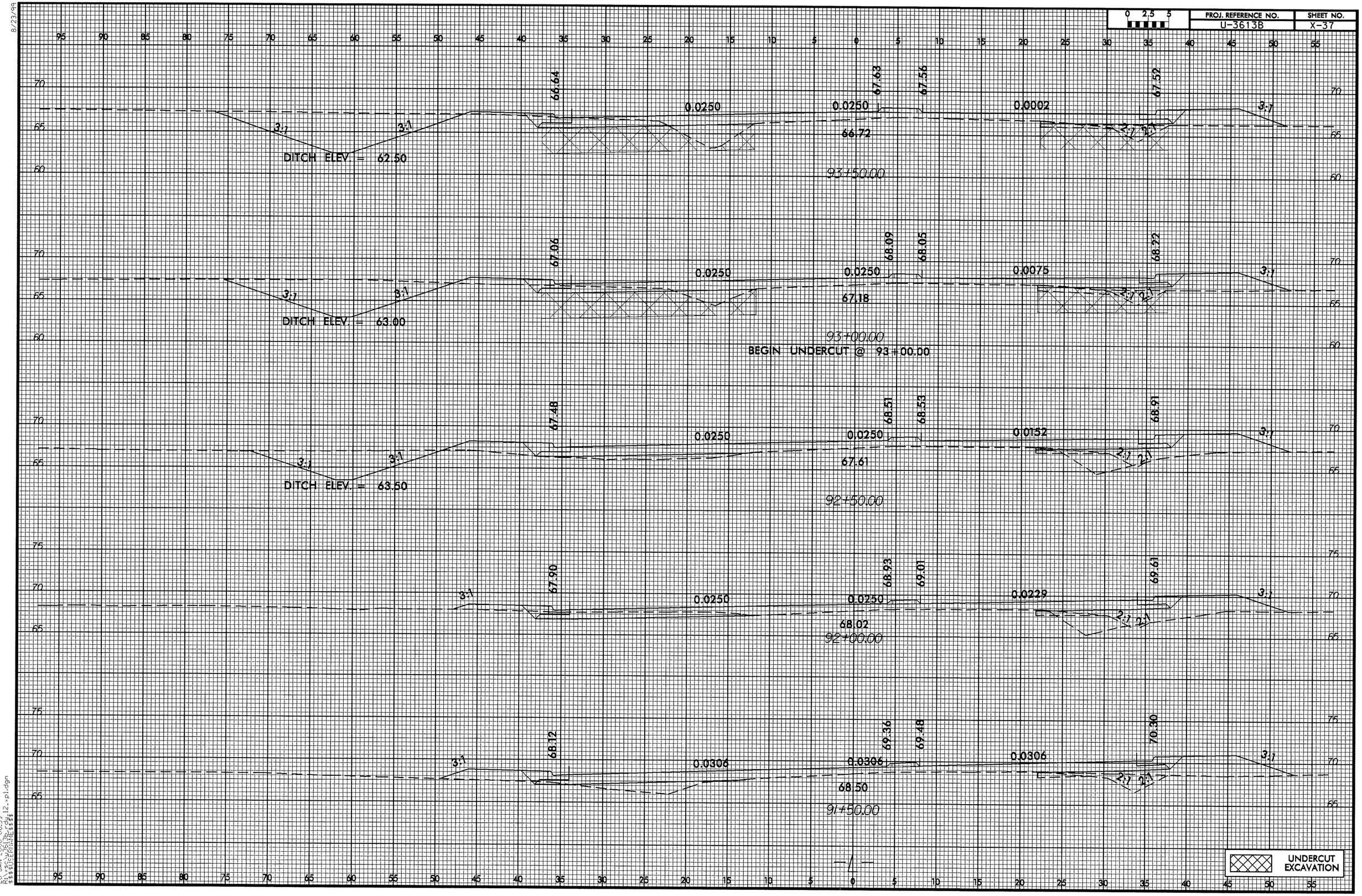
26-JAN-2006 06:39
R:\projects\3613b\dgn\12-pl.dgn
sissonc

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-36



26-JAN-2006 06:39
$$$$USERNAME$$$$
$$$$USERNAME$$$$ 12-pl.dgn



8/23/99

26-JAN-2006 06:39
R:\ydot\projects\3613b-rdy_12-pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-38

95+50.00

DITCH ELEV. = 60.50

3:1 3:1 3:1 3:1

64.95 65.68 65.98 64.95

0.0250 0.0250

65.37

95+00.00

DITCH ELEV. = 61.00

3:1 3:1 3:1 3:1

65.37 66.10 66.27 65.43

0.0250 0.0233

65.69

94+50.00

DITCH ELEV. = 61.50

3:1 3:1 3:1 3:1

65.80 66.52 66.61 66.12

0.0250 0.0156

66.00

94+00.00

DITCH ELEV. = 62.00

3:1 3:1 3:1 3:1 2:1 2:1

66.22 67.06 67.08 66.82

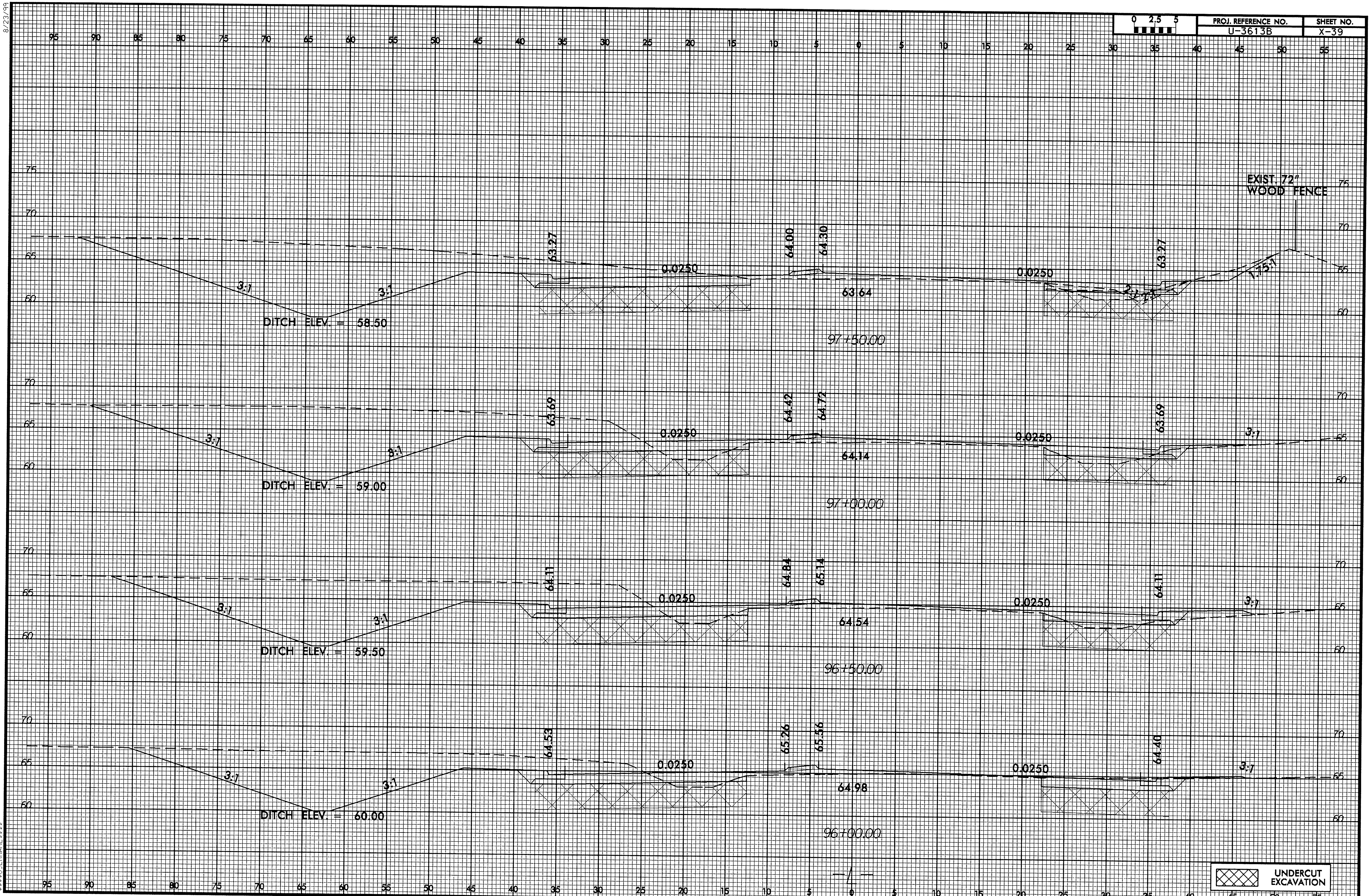
0.0250 0.0250 0.0079

66.32

UNDERCUT EXCAVATION

26-JAN-2006 06:39
R:\sc\p3613b\rdy12_rpl.dgn
$$$$SCHIMMEL$$$$

8/23/99



26-JAN-2006 06:39
R:\xsc\u3613b_rdy_12_xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-40

PARAMORE FARMS ENTRANCE

0.0250

61.63

99+50.00

-Y8-

0.0250

PARAMORE FARMS ENTRANCE

0.0250

62.06

99+00.00

-Y8-

0.0250

EXIST. 72" WOOD FENCE

62.20

63.16

63.46

0.0250

62.55

98+50.00

62.43

0.0250

1.75:1

2:1

3:1

3:1

DITCH ELEV. = 57.50

EXIST. 72" WOOD FENCE

62.74

63.58

63.88

0.0250

63.08

98+00.00

62.85

0.0250

1.75:1

2:1

3:1

3:1

DITCH ELEV. = 58.00

UNDERCUT EXCAVATION

26-JAN-2006 06:39
R:\SCS\WORK\3b_rdy12_xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-41

95 90 85 80 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

66 60 56

60.02 0.0250 61.34 61.04 0.0250 60.32

3:1 3:1 3:1

DITCH ELEV. = 54.50

60.34

101+50.00

60.29 0.0250 61.61 61.31 0.0250 60.58

3:1 3:1 3:1

DITCH ELEV. = 55.00

60.60

101+00.00

60.59 0.0250 61.91 61.61 0.0250 60.88

3:1 3:1 3:1

DITCH ELEV. = 55.50

60.74

100+50.00

END UNDERCUT @ 100+00.00

60.93 0.0250 62.25 61.95 0.0250 61.22

3:1 3:1 3:1

DITCH ELEV. = 56.00

61.18

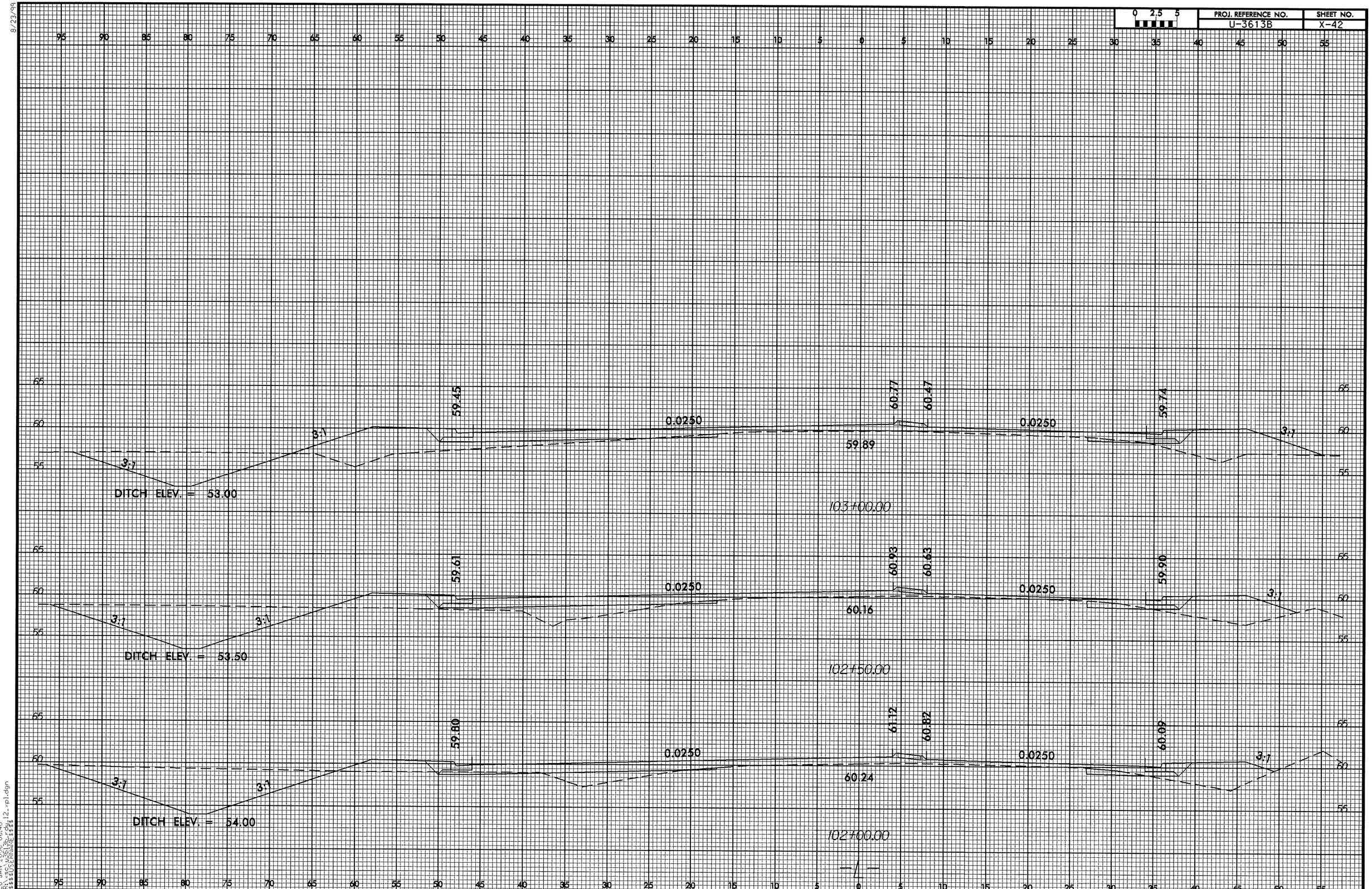
100+00.00

UNDERCUT EXCAVATION

26-JAN-2006 06:39
R:\SCO\D3613B\Roadway\sht12_xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-42



26-JAN-2006 06:40
R:\rs\us36\3b_rdy12_rpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-43

105+00.00

DITCH ELEV. = 51.00

3:1 3:1 3:1

59.50 0.0250 60.24 59.97 60.24 0.0250 59.50

GUARDRAIL WIDENING VAR. TO CULVERT

104+50.00

DITCH ELEV. = 51.50

3:1 3:1 3:1

59.51 0.0250 60.24 59.97 60.24 0.0250 59.51

GUARDRAIL WIDENING 3:1

104+00.00

DITCH ELEV. = 52.00

3:1 3:1 3:1

59.49 0.0250 60.29 59.93 60.28 0.0250 59.55

GUARDRAIL WIDENING 3:1

103+50.00

DITCH ELEV. = 52.50

3:1 3:1 3:1

59.42 0.0250 60.52 59.89 60.36 0.0250 59.63

GUARDRAIL WIDENING 3:1

26-JAN-2006 06:40
R:\sc\u3613b\d\u3613_xp1.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-44

80 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

65 60 55

6:1 3:1 0.0250 59.86 60.59 60.59 59.86 0.0250 3:1 3:1

DITCH ELEV. = 55.50 60.06 DITCH ELEV. = 54.50

107+00.00

65 60 55

5.7:1 3:1 0.0250 59.71 60.45 60.45 59.71 0.0250 3:1 3:1

DITCH ELEV. = 55.00 59.92 DITCH ELEV. = 54.35

106+50.00

65 60 55

5.7:1 3:1 0.0250 59.61 60.34 60.34 59.61 0.0250 3:1 3:1

ELEV. = 54.50 59.93 DITCH ELEV. = 54.20

106+00.00

65 60 55 50

4.7:1 CULVERT 0.0250 59.54 60.27 60.27 59.54 0.0250 3:1

59.96 DITCH ELEV. = 54.05

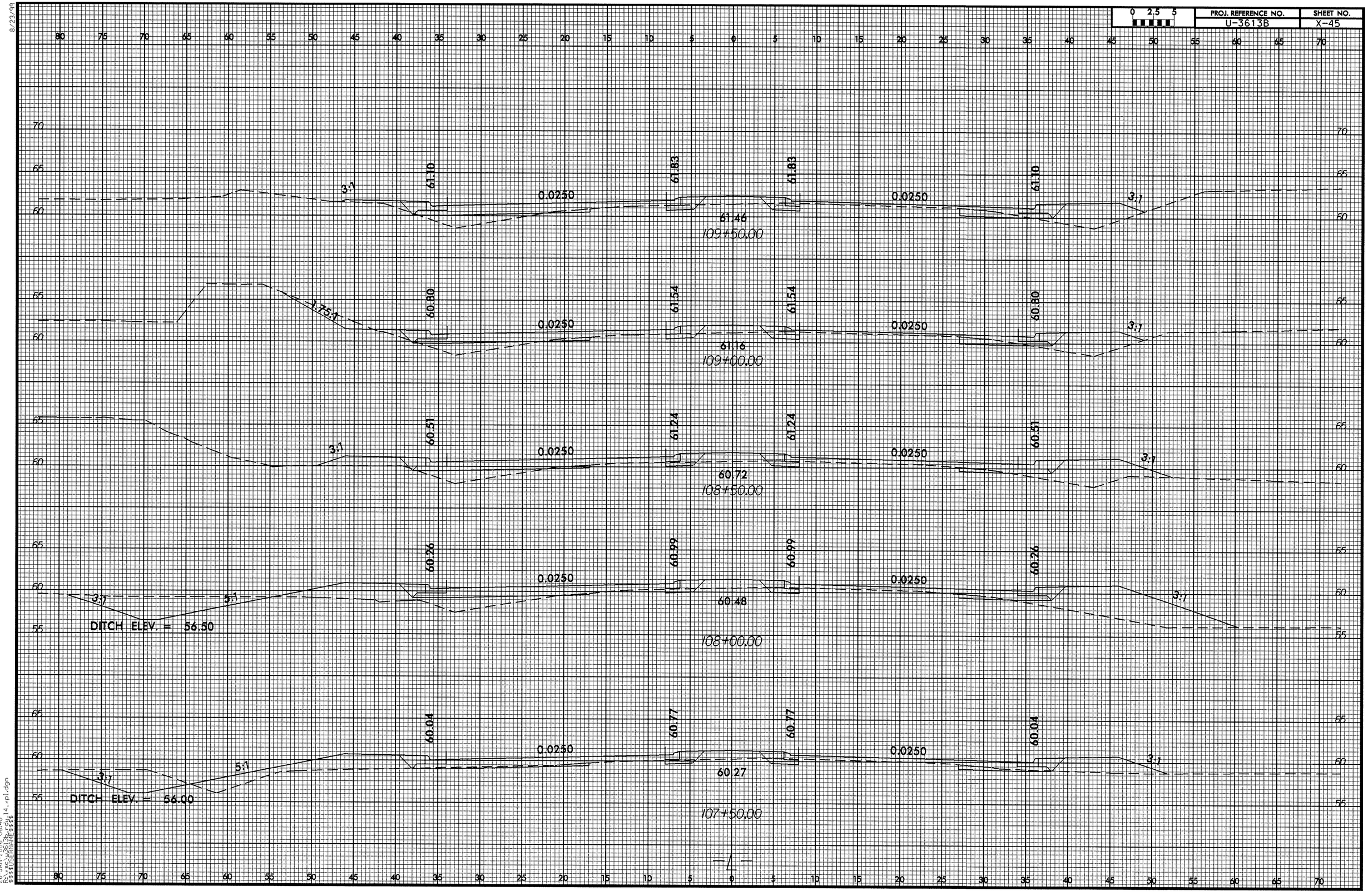
105+50.00

80 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

26-JAN-2006 06:40
R:\sec\3613b-rdy_14-pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-45



26-JAN-2006 06:40
R:\sdc\projects\3613b\roll4_rpl.dgn
$$$$SCENARIO$$$$.sss

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-46

RETAINING WALL

62.44 63.17 63.44 62.44

0.0250 0.0250 0.0250

3:1

62.74
112+00.00

RETAINING WALL

62.19 62.93 63.04 62.19

0.0250 0.0250

3:1

62.62
111+50.00

RETAINING WALL

61.94 62.67 62.67 61.94

0.0250 0.0250

3:1

62.43
111+00.00

RETAINING WALL

61.67 62.40 62.40 61.67

0.0250 0.0250

3:1

62.15
110+50.00

-Y9-

62.12 62.12

0.0250 0.0250

DRIVE

61.76
110+00.00

80 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

26-JAN-2006 06:40
R:\sdc\projects\3613b\roadway\14-pll.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-47

80 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

70
65
60

RETAINING WALL

63.35

0.0250

64.07

64.31

0.0082

63.44
//4+00.00

0.0082

63.94

3:1

RETAINING WALL

63.12

0.0250

63.85

64.11

0.0149

63.27
//3+50.00

0.0149

63.47

3:1

RETAINING WALL

62.90

0.0250

63.63

63.91

0.0216

63.09
//3+00.00

0.0216

63.02

3:1

RETAINING WALL

62.67

0.0250

63.40

63.70

0.0250

62.90
//2+50.00

62.67

3:1

80 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

26-JAN-2006 06:40
R:\sc\w3613b\rdwy14-rpl.dgn
$$$$USERNAME$$$$

8/23/99

80 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

64.43 65.46 65.56 66.51

3:1 0.0251 0.0251 0.0251 3:1

64.61

116+50.00

64.17 -Y10-

3:1 0.0250 0.0184

64.33

116+00.00

RETAINING WALL

63.73 65.41

3:1 0.0250 0.0118 3:1

SEE WALL PLANS FOR GRADING DETAILS

64.09

115+50.00

RETAINING WALL

68.63 64.52 64.70 64.87

0.0250 0.0051 0.0051 3:1

63.86

115+00.00

BEGIN UNDERCUT @ 115-00.00

RETAINING WALL

63.53 64.30 64.50 64.40

0.0250 0.0016 0.0016 3:1

63.66

114+50.00

UNDERCUT EXCAVATION

26-JAN-2006 06:40
$$$$USERNAME$$$$
$$$$DGN$$$$ 114-pl.dgn

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-3613B	X-49

0 2.5 5

80 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

70 65 60

64.49 65.58 65.69 66.40

3:1 0.0267 0.0267 0.0267 3:1

64.96
118+50.0000

64.44 65.66 65.78 66.58

3:1 0.0300 0.0300 0.0300 3:1

65.09
118+00.00

64.45 65.67 65.79 66.63

3:1 0.0300 0.0300 0.0300 3:1

65.05
117+50.0000

END UNDERCUT @ 117+00.00

64.39 65.61 65.73

2.5:1 0.0300 0.0300 0.0300 3:1

64.87
117+00.00

UNDERCUT EXCAVATION

30-JAN-2006 09:31
R:\sc\u3613b_rdy_14_-pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-50

80 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

70 / 65

64.33 | 65.06 | 65.40 | 64.33

3:1 | 0.0250 | 0.0250 | 2:1 2:1 | 3:1

64.90
121+50.00

64.20 | 64.93 | 64.93 | 64.20

3:1 | 0.0250 | 0.0250 | 2:1 2:1 | 3:1

64.75
121+00.00

64.14 | 64.94 | 64.89 | 64.24

3:1 | 0.0250 | 0.0233 | 2:1 2:1 | 3:1

64.62
120+50.00

64.16 | 65.10 | 65.03 | 64.70

3:1 | 0.0250 | 0.0108 | 2:1 2:1 | 3:1

64.59
120+00.00

64.25 | 65.28 | 65.19 | 65.23

3:1 | 0.0250 | 0.0250 | 0.0017 | 2:1 2:1 | 3:1

64.68
119+50.00

64.41 | 65.44 | 65.45 | 65.82

3:1 | 0.0250 | 0.0250 | 0.0142 | 2:1 2:1 | 3:1

64.82
119+00.00

80 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

26-JAN-2006 06:40
R:\sc\u3613b\rdy14_xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-51

TIE TO EXISTING EARTH BERM

66.59 | 0.0047 | 66.82 | 66.60 | 65.87 | WIDENED FOR GUARDRAIL 3:1

66.28
124+00.00

66.01 | 0.0110 | 66.49 | 66.25 | 65.52 | WIDENED FOR GUARDRAIL 3:1

65.94
123+50.00

65.43 | 0.0172 | 66.16 | 65.89 | 65.16 | WIDENED FOR GUARDRAIL 3:1

65.61
123+00.00

BEGIN UNDERCUT @ 123+00.00

64.87 | 0.0235 | 65.56 | 65.55 | 64.82

65.31
122+50.00

64.54 | 0.0250 | 65.61 | 65.27 | 64.54

65.05
122+00.00

UNDERCUT EXCAVATION

26-JAN-2006 06:10
R:\SCANNED\3613B-rdy14-pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-52

TIE TO EXISTING EARTH BERM

69.01 68.35 68.09 67.22

0.0250 0.0250

3:1 2:1 2:1 3:1

67.50
126+50.0010

TIE TO EXISTING EARTH BERM

68.74 68.21 67.86

0.0203 0.0250

Y11

67.40
126+00.0010

TIE TO EXISTING EARTH BERM

68.30 67.86 67.64 66.91

0.0140 0.0250

3:1 2:1 2:1 3:1

67.21
125+50.00

TIE TO EXISTING EARTH BERM

END UNDERCUT @ 125+00.00

67.75 67.48 67.31 66.58

0.0078 0.0250

3:1 2:1 2:1 3:1

66.93
125+00.00

TIE TO EXISTING EARTH BERM

67.17 67.15 66.96 66.23

0.0015 0.0250

3:1 2:1 2:1 3:1

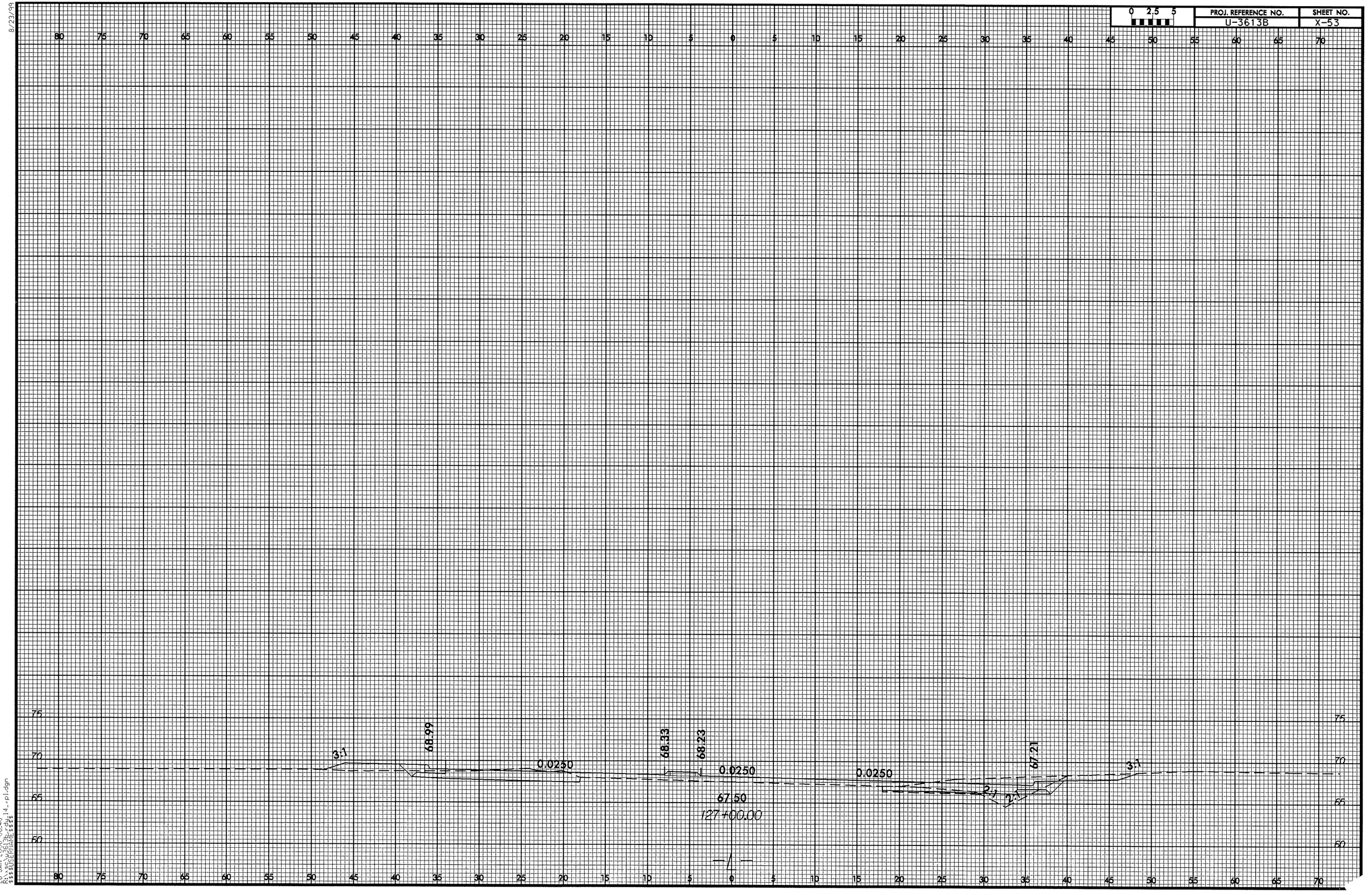
66.62
124+50.00

31-JAN-2006 15:59
RS:\SCDOT\PROJECTS\36134_pl.dgn
RS:\SCDOT\PROJECTS\36134_pl.dgn

8/23/99

0 2.5 5

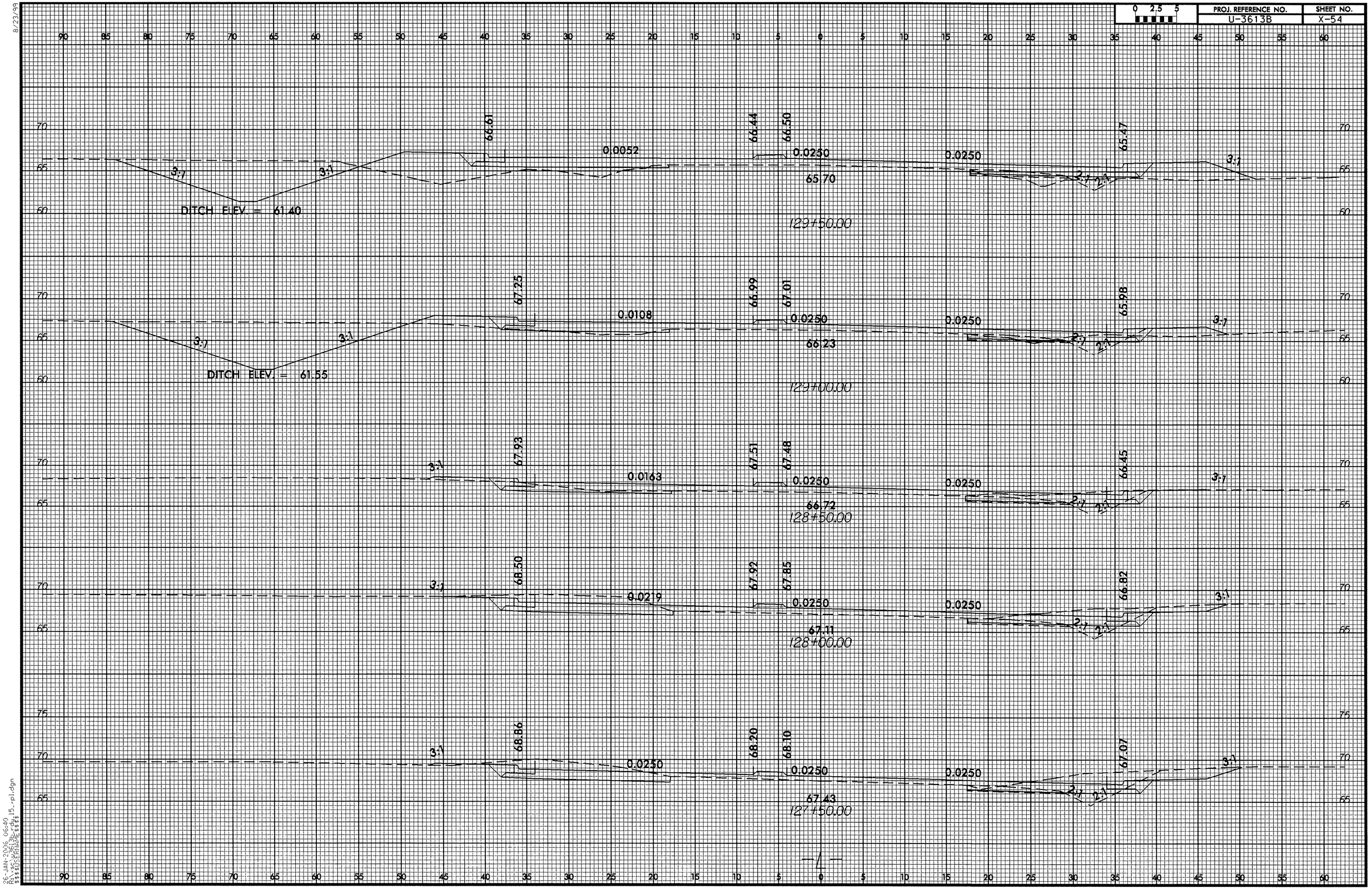
PROJ. REFERENCE NO.	SHEET NO.
U-3613B	X-53



26-JAN-2006 06:40
R:\sec_u3613b_rdy\...\...-pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-54



26-JAN-2006 06:40
R:\sdc\projects\3613b\dgn\15-pl.dgn
$$$$SCENARIO$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-55

90 85 80 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 60 55

63.72 64.44 64.47 63.45

0.0170 0.0170 0.0250

3:1 3:1 3:1 2:1 2:1

63.68

DITCH ELEV. = 58.63

131+50.00

70 66 60

-Y12A- -Y12-

0.0114 0.0250

64.06

131+00.00

70 66 60

-Y12A-

0.0059 0.0250

64.50

64.45

3:1 2:1 2:1

130+50.00

70 66 60

65.88 65.89 65.99 64.96

0.0003 0.0250 0.0250

3:1 3:1 2:1 2:1

65.08

DITCH ELEV. = 61.25

130+00.00

90 85 80 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

26-JAN-2006 06:30
$$$$USERNAME$$$$
R:\SCDOT\3613B_rdy_15_-pl.dgn

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-56

90 85 80 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 60 55

61.56 0.0250 62.59 62.29 0.0250 61.56 0.0250

3:1 3:1 3:1 3:1 3:1 3:1

61.77

DITCH ELEV = 56.50

133+50.00

DRIVE

70 65 60 55

62.97 62.67 61.94 0.0250 0.0250 0.0250

62.13

133+00.00

65 60 55

62.43 63.46 63.16 62.43 0.0250 0.0250 0.0250

62.61

DITCH ELEV. = 58.33

132+50.00

BEGIN UNDERCUT @ 132+50.00 LT & RT

65 60 55

63.02 63.96 63.67 62.94 0.0226 0.0226 0.0250

63.14

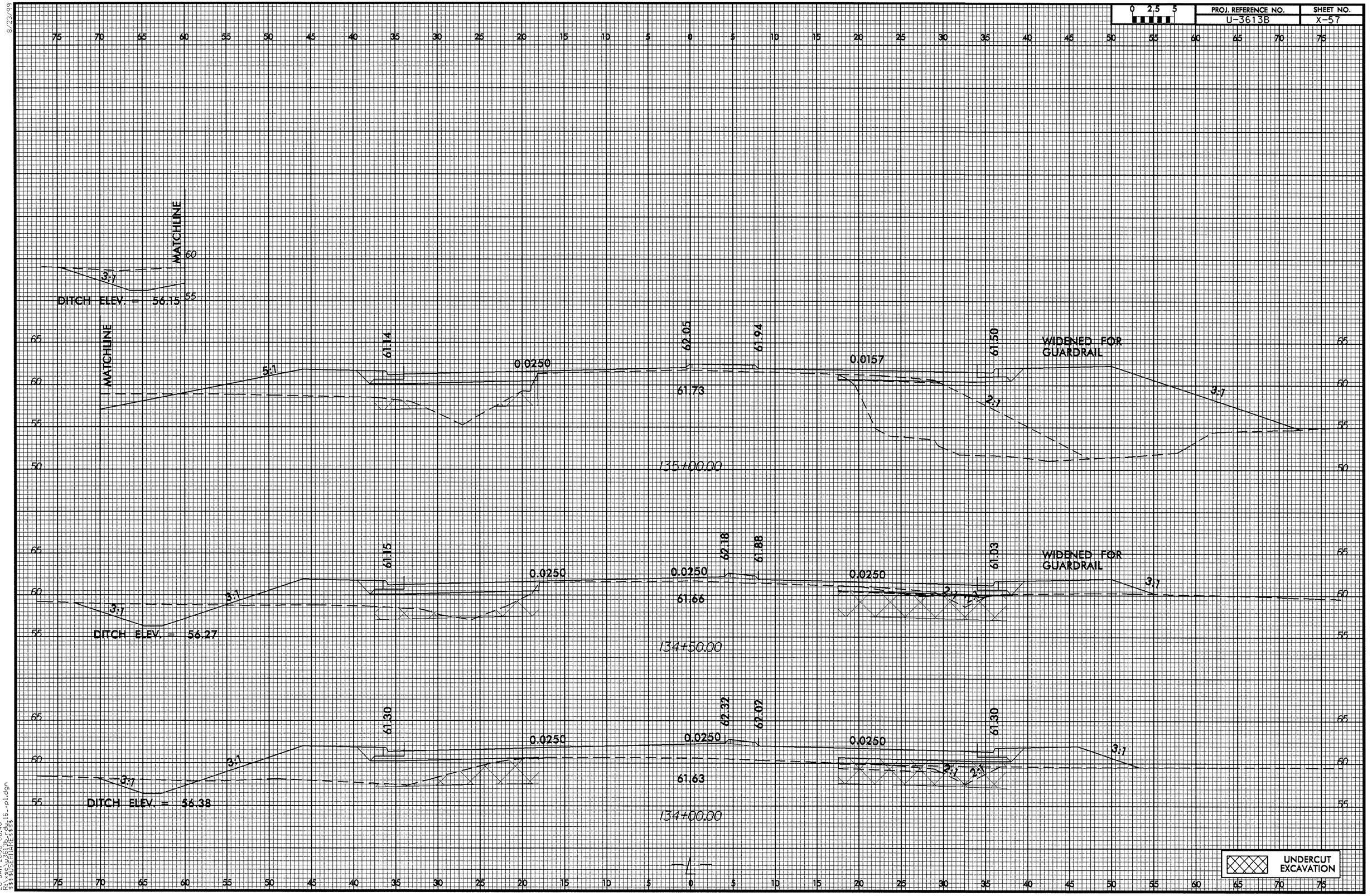
DITCH ELEV. = 58.48

132+00.00

UNDERCUT EXCAVATION

90 85 80 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

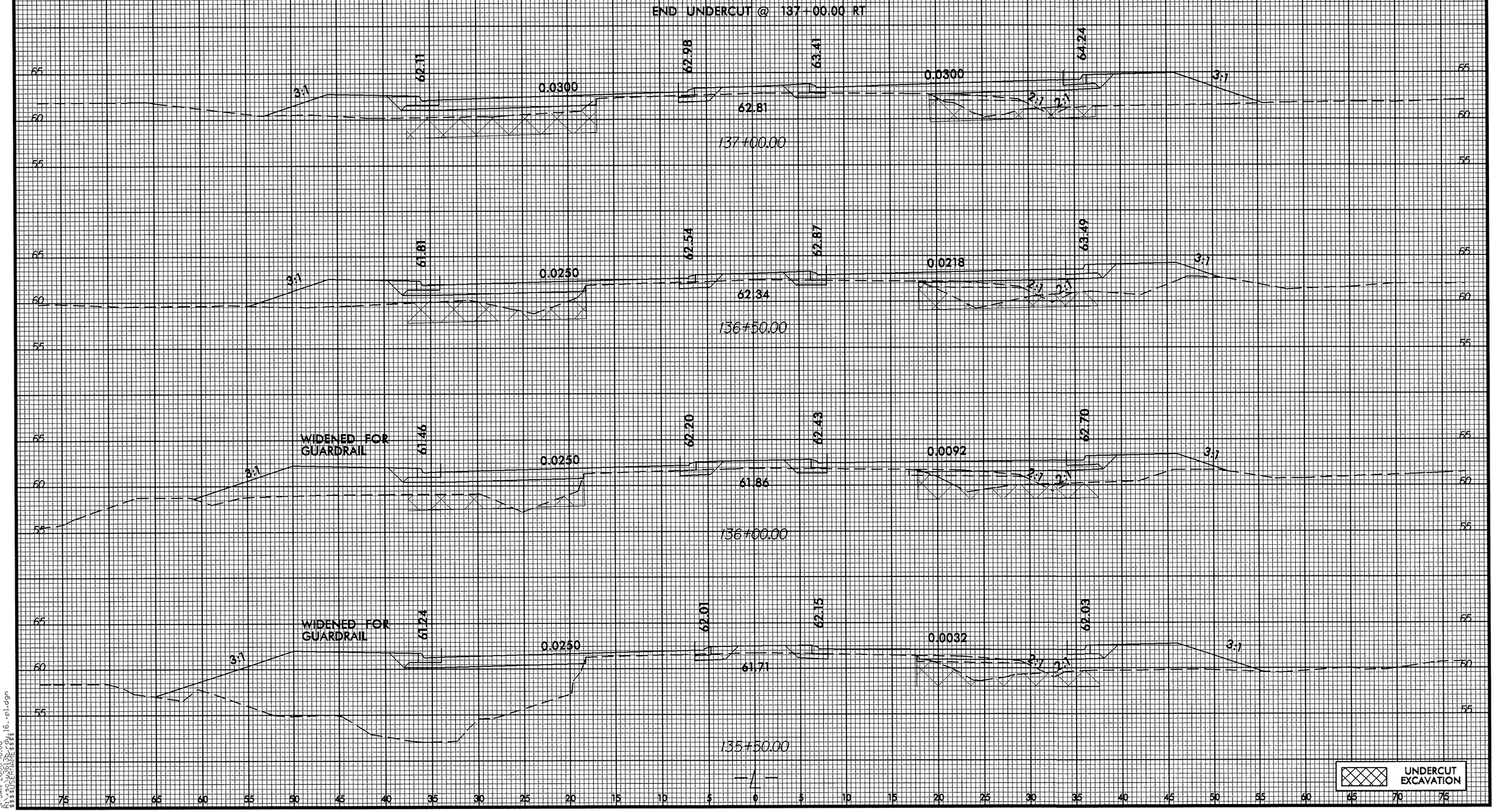
31-JAN-2006 16:08
R:\roadway\d3613b_rdwy_15_rpl.dgn
$$$$USER$$$$



26-JAN-2006 06:40
R:\ss\w3613b\rdy16_p1.dgn
$$$$USERNAME$$$$

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-58

END UNDERCUT @ 137+00.00 RT



31-JAN-2006 16:08
R:\scoy\d613b-rdy16-rpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-59

65.05 | 3:1 | 0.0300 | 65.59 | 66.26 | 66.38 | 67.18 | 3:1 | 2:1 | 2:1
139+50.00

64.45 | 3:1 | 0.0300 | 64.87 | 65.67 | 65.79 | 66.59 | 3:1
139+00.00

63.87 | 3:1 | 0.0300 | 64.25 | 65.08 | 65.20 | 66.00 | 3:1
138+50.00

END UNDERCUT @ 138+00.00 LT

63.27 | 3:1 | 0.0300 | 63.70 | 64.54 | 64.61 | 65.41 | 3:1 | 2:1 | 2:1
138+00.00

62.68 | 3:1 | 0.0300 | 63.29 | 63.54 | 63.60 | -Y13- | 0.0300
137+50.00

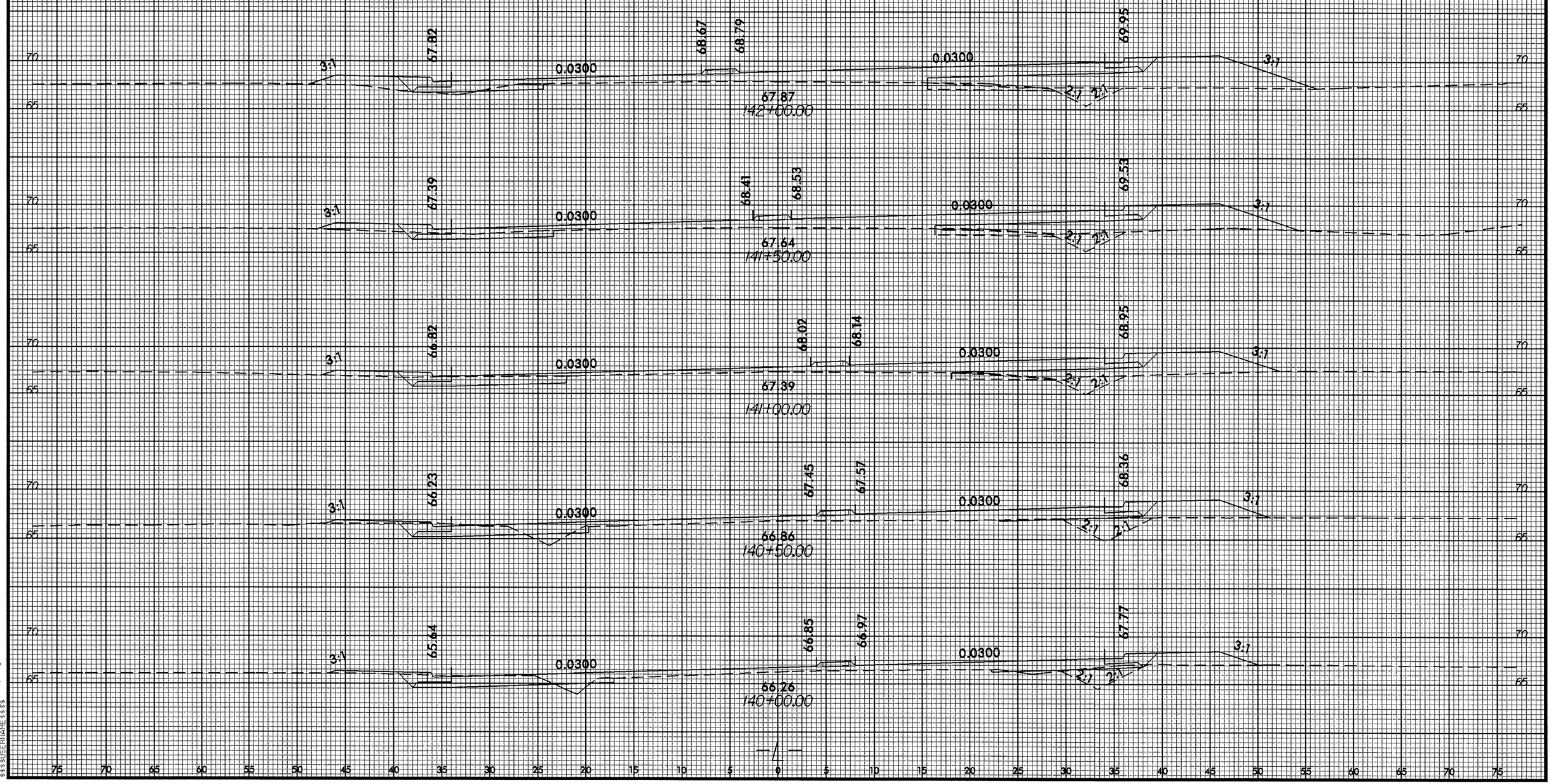
UNDERCUT EXCAVATION

31-JAN-2006 16:08
R:\x$cu\3613b-rdy_16_-pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-60

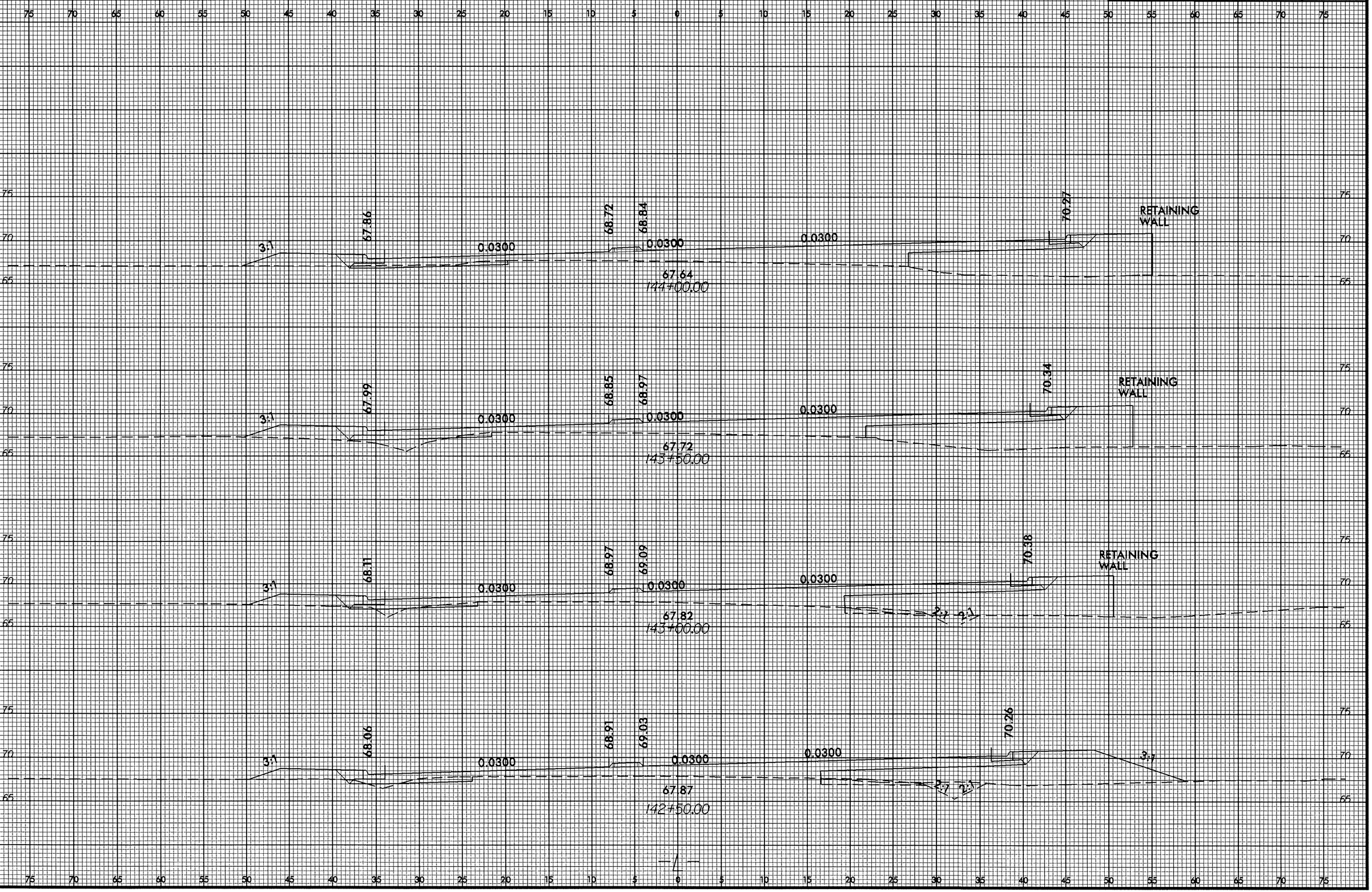
75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75



21-JAN-2006 07:17
d:\projects\3613b\16-rpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-61



26-JAN-2006 06:11
R:\SCU\3613B\rdy\16_-pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-62

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

75
70
65

3:1
67.50
68.72
68.84
0.0300
67.84
146+50.00
69.64
0.0300
3:1

-Y15-
0.0300
67.72
146+00.00
-Y14-
0.0300

-Y15-
68.33
68.45
0.0300
0.0300
67.63
145+50.00
-Y14-
0.0300

3:1
67.45
68.52
68.64
0.0300
0.0300
67.65
145+00.00
-Y14-
0.0300

3:1
67.69
68.61
68.72
0.0300
0.0300
67.68
144+50.00
70.23
RETAINING WALL
0.0300

26-JAN-2006 06:41
R:\...\SUE\3613b-rdwy_16.-pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-63

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

70 65

3:1 67.33 0.0400 68.20 149+00.00 0.0400 70.10 3:1

3:1 67.31 0.0379 68.11 148+50.00 0.0379 67.00 3:1

3:1 67.53 0.0300 67.95 148+00.00 68.74 68.86 0.0300 69.66 3:1

3:1 67.50 0.0300 67.84 147+50.00 68.72 68.84 0.0300 69.64 3:1

3:1 67.49 0.0300 67.71 147+00.00 68.71 68.83 0.0300 69.63 3:1

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

26-JAN-2006 06:41
R:\80_Design\Roadway\Profiles\16_rpl.dgn
$USER:[MICHAELS]

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-64

69.20
152+00.00

68.68 | 3:1 | 0.0201 | 69.16 151+50.00 | 0.0190 | 69.94 | 3:1

68.03 | 3:1 | 0.0356 | 68.99 151+00.00 | 0.0356 | 70.36 | 3:1

67.72 | 3:1 | 0.0400 | 68.83 150+50.00 | 0.0400 | 70.38 | 3:1

67.57 | 3:1 | 0.0400 | 68.62 150+00.00 | 0.0400 | –Y16–

67.44 | 3:1 | 0.0400 | 68.38 149+50.00 | 0.0400 | –Y16–

26-JAN-2006 06:41
R:\sc\projects\3613b\rdwy\ss\SSCENTERLINES16_pl.dgn

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-65

69.13
11+50.00

68.88
11+00.00

69.80

70.10

3:1

0.0100

0.0050

3:1

68.74
10+50.00

68.93
10+00.00

—Y—

26-JAN-2006 06:41
N:\36\3613B\roadway\plans\roadway-pl.dgn

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-66

85 80 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

75
70
65

-L-

69.25
19+00.00

71.38
18+50.00

71.31
18+00.00

70.81
3:1

70.98
3:1

71.38
17+50.00

71.38
17+00.00

71.57
16+50.00

-Y1-

02-FEB-2006 16:03
R:\sc\u3613b-rdwy1-xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-67

85 80 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

75
70

3:1 70.65 0.0200

70.65
22+00.00

3:1 70.58 0.0200

70.55
21+50.00

3:1 70.57 0.0200

70.77
21+00.00

3:1 70.62 0.0200

70.66
20+50.00

3:1 70.66 0.0200

70.52
20+00.00

3:1 70.69 0.0200 70.96 3:1

70.64
19+50.00

—Y1—

85 80 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

02-FEB-2006 16:03
R:\sdc\proj\3613b\rdwy1-pl.dgn
$$USERNAME$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-68

0.0200 3:1

71.23
25+50.00

0.0200 3:1

70.98
25+00.00

0.0200 3:1

71.04
24+50.00

0.0200

70.97
24+00.00

0.0200 3:1

70.80
23+50.00

0.0200

70.91
23+00.00

0.0200

70.83
22+50.00

02-FEB-2006 16:10
R:\sdc\w\3613b\rdwy\$\$\$\$USERNAME\$\$\$\$_rdwy1_xpl.dgn

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-69

85 80 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

75

70

65

0.0200

3:1

71.28

26+00.00

—Y1—

85 80 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

02-FEB-2006 16:10
R:\...\SCS\U3613B_rdwy1_pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-70

68.11
12+00.00

68.11
11+50.00

68.17
11+00.00

3:1 0.0049 0.0100 3:1

68.36
10+50.00

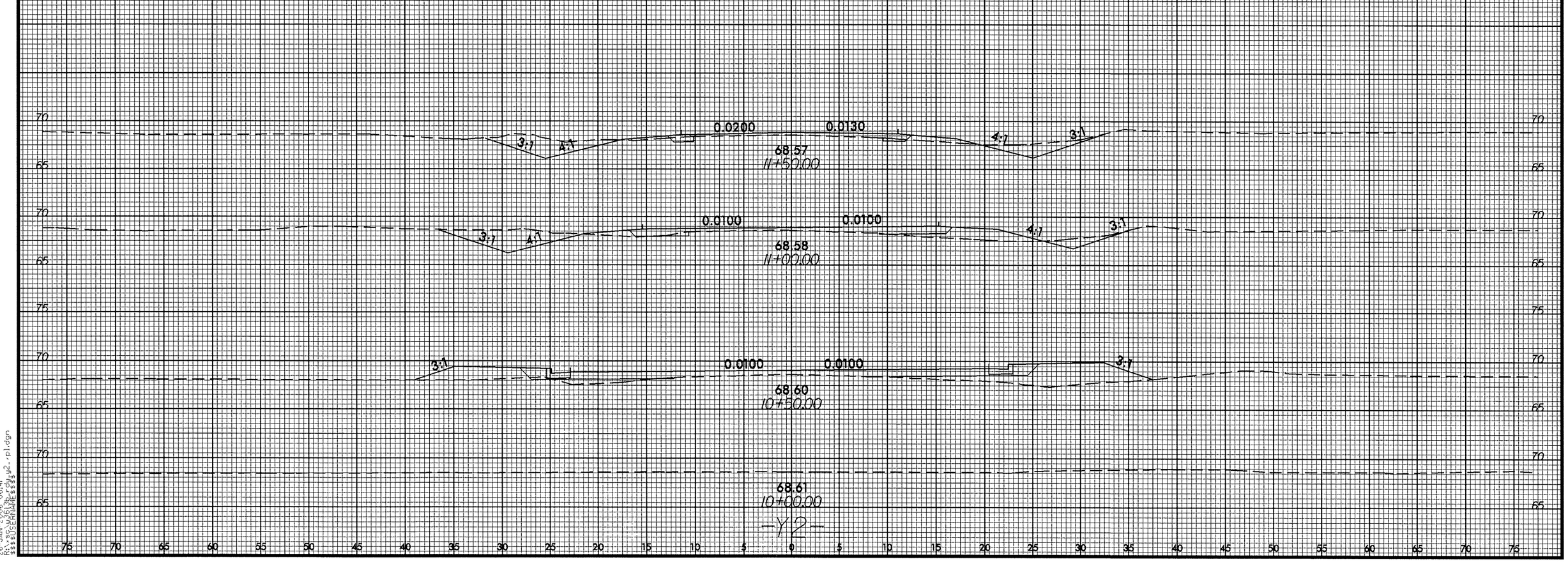
68.59
10+00.00

-Y1A

30-JAN-2006 14:59
R:\scdot\2006\3613b\rdy\da-rpl.dgn
$$$$USERNAME$$$$

8/23/99

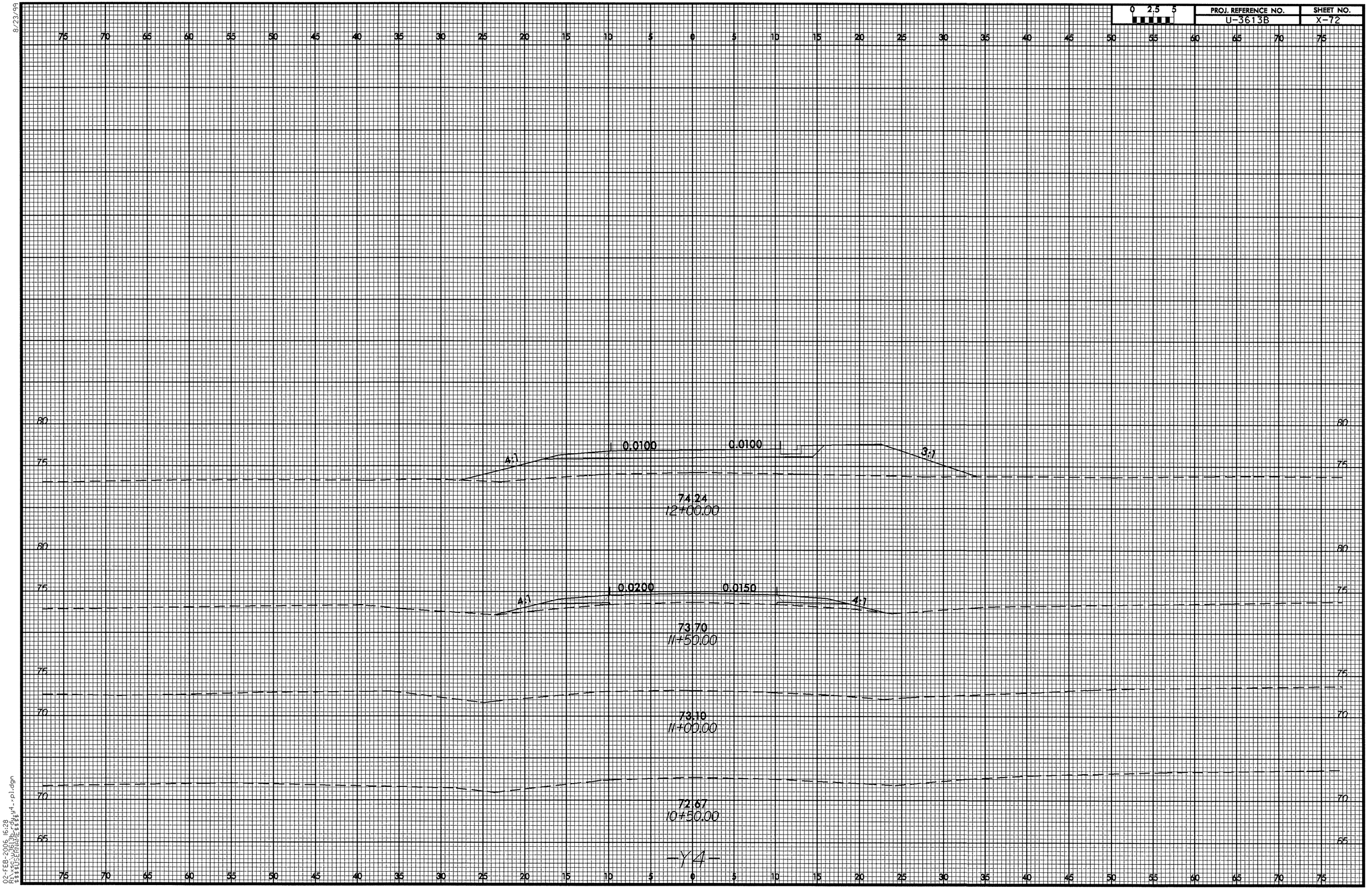
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-71



26-JAN-2006 06:41
C:\projects\3613b\plan\sheet\3613bsht2_rpl.dgn
$cell_scale 50
$cell_angle 0
$level_mask 0
$view_number 1

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-72



02-FEB-2006 16:28
R:\xsg\u3613b_rdy4_xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-73

74.69
12+00.00

74.99

74.96

3:1

0.0150

0.0050

3:1

74.02
11+50.00

73.66
11+00.00

73.36
10+50.00

73.01
10+00.00

02-FEB-2006 16:16
C:\sv\projects\3613\3613-rdwy5_xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-74

DRIVE

0.0200 0.0200

4:1 3:1

DITCH ELEV. = 66.97

69.41
11+50.00

DRIVE

0.0200 0.0200

4:1 3:1

DITCH ELEV. = 67.00

69.36
11+00.00

0.0200 0.0200

4:1 3:1

DITCH ELEV. = 67.27

69.37
10+50.00

0.0200 0.0200

4:1 3:1

DITCH ELEV. = 67.15

0.0200 0.0200

4:1 4:1 3:1

DITCH ELEV. = 67.30

69.48
10+00.00

DRIVE

0.0050 0.0050

4:1

69.53
9+50.00

-Y6-

26-JAN-2006 06:41
R:\scdata\u3613b\rdy\y6_rpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-75

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

80 75 70 65 60

69.78

3:1

0.0175

0.0175

-L-

70.02
14+50.00

14+00.00

13+50.00

75 70 65 60

-L-

0.0200

0.0200

69.19

3:1

69.45
13+00.00

75 70 65 60

3:1 4:1

DITCH ELEV. = 66.67

0.0200

0.0200

69.42
12+50.00

4:1 3:1

DITCH ELEV. = 66.55

75 70 65 60

3:1 4:1

DITCH ELEV. = 66.82

0.0200

0.0200

69.47
12+00.00

4:1 3:1

DITCH ELEV. = 66.70

-Y6-

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

26-JAN-2006 06:41
R:\...\36\3613b-rdwy6-pl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-76

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

0.0200 0.0200
3:1 4:1 4:1 3:1
69.20 71.82 70.16
17+50.00

0.0200 0.0200
3:1 4:1 4:1 3:1
DITCH ELEV. = 68.90 71.62 DITCH ELEV. = 69.00
17+00.00

DRIVE

0.0200 0.0200
4:1 3:1
71.42 DITCH ELEV. = 68.75
16+50.00

0.0200 0.0200
3:1 4:1 4:1 3:1
DITCH ELEV. = 68.40 71.01 DITCH ELEV. = 68.50
16+00.00

0.0200 0.0200
3:1 4:1 4:1 3:1
DITCH ELEV. = 68.15 70.68 DITCH ELEV. = 68.25
15+50.00

0.0200 0.0200
3:1 4:1 4:1 3:1
DITCH ELEV. = 67.90 70.28 DITCH ELEV. = 68.00
15+00.00

-Y6-

26-JAN-2006 06:41
R:\scadata\archive\y6_pl.dgn
$$USERNAME$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-77

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

75
70
75
70
75
70

72.37
19+00.00

72.18
18+50.00

72.02
18+00.00

-Y6-

26-JAN-2006 06:41
R:\x-sec\3613b_rdwy6_rpl.dgn
$$USERNAME$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-78

69.73
12+00.00

71.12
71.07
0.0000
0.0100
70.01
11+50.00

69.06
69.29
69.29
69.03
3:1
0.0200
0.0200
3:1
69.66
11+00.00

69.00
10+50.00

68.54
10+00.00

—Y7—

26-JAN-2006 06:42
R:\sc\u3613b\rdwy7-rpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-79

61.91
12+00.00

3:1

0.0000

0.0100

3:1

61.04
11+50.00

3:1

0.0150

0.0200

3:1

60.20
11+00.00

DRIVE

DRIVE

0.0100

0.0300

58.80
10+50.00

58.35
10+00.00

26-JAN-2006 06:42
R:\sg\u3613b-rdwg.xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-80

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

65

60

60.32
11+00.00

65

-L-

0.0100

0.0000

-L-

60

60.94
10+50.00

60

61.73
10+00.00

55

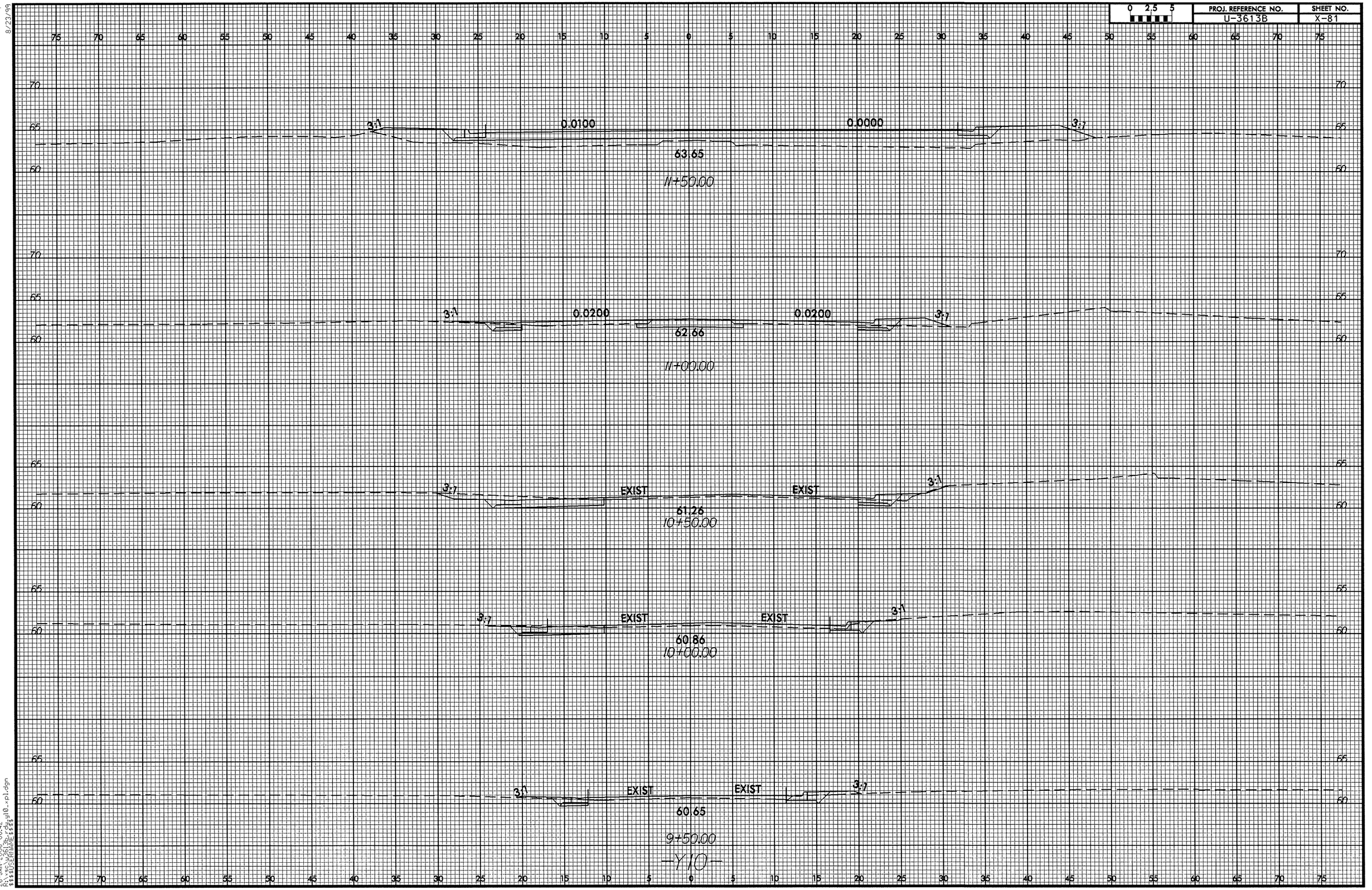
-YG-

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

26-JAN-2006 06:42
R:\sc\u3613b\rdy_g\...rpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-81

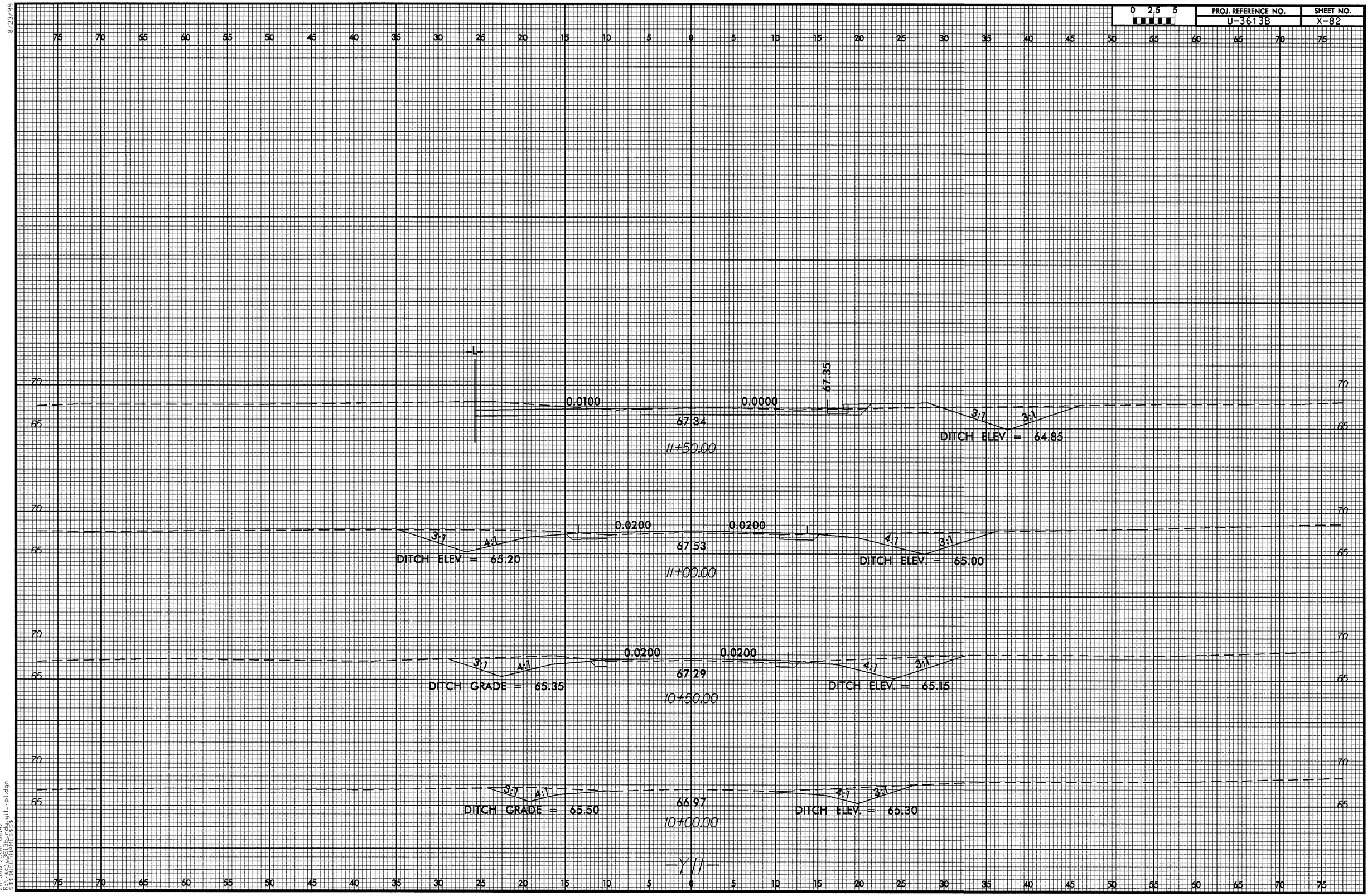


-Y10-

26-JAN-2006 06:42
R:\sic\u3613b_rdy\u10_xpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-82



26-JAN-2006 06:42
R:\...\U3613bh\d...\u3613bh11_rd.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-83

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

65
60

—L—

0.0000

62.22

11+50.00

0.0200

—L—

65
60

3:1 4:1

DITCH ELEV. = 59.70

0.0020

61.62

11+00.00

0.0200

4:1 3:1

DITCH ELEV. = 59.55

65
60

3:1 4:1

DITCH ELEV. = 59.85

0.0200

61.40

10+50.00

0.0200

4:1 3:1

DITCH ELEV. = 59.70

65
60

3:1 4:1

DITCH ELEV. = 60.00

61.40

10+00.00

4:1 3:1

DITCH ELEV. = 59.85

—Y12—

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

26-JAN-2006 06:42
R:\sdd\u3613b\dgn\u3613b-rdwy12-rpl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-84

63.24

63.35

3:1

0.0200

0.0135

3:1

62.31
11+50.00

62.08

62.11

3:1

0.0200

0.0200

3:1

62.08
11+00.00

61.85
10+50.00

-Y13-

26-JAN-2006 06:42
R:\SC\u3613b\rdy\yl3_cl.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-85

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

65 60

0.0200 0.0200

66.01

3:1 3:1 3:1 3:1

DITCH ELEV. = 61.45

8+50.00

65 60

0.0200 0.0200

65.65

3:1 3:1 3:1 3:1

DITCH ELEV. = 61.34

8+00.00

65 60

0.0200 0.0200

65.50

3:1 3:1 3:1 3:1

DITCH ELEV. = 61.24

7+50.00

65 60

0.0200 0.0200

65.36

3:1 3:1 3:1 3:1

DITCH ELEV. = 61.14

7+00.00

65 60

0.0300 0.0200

65.22

3:1 3:1 3:1 3:1

DITCH ELEV. = 61.04

6+50.00

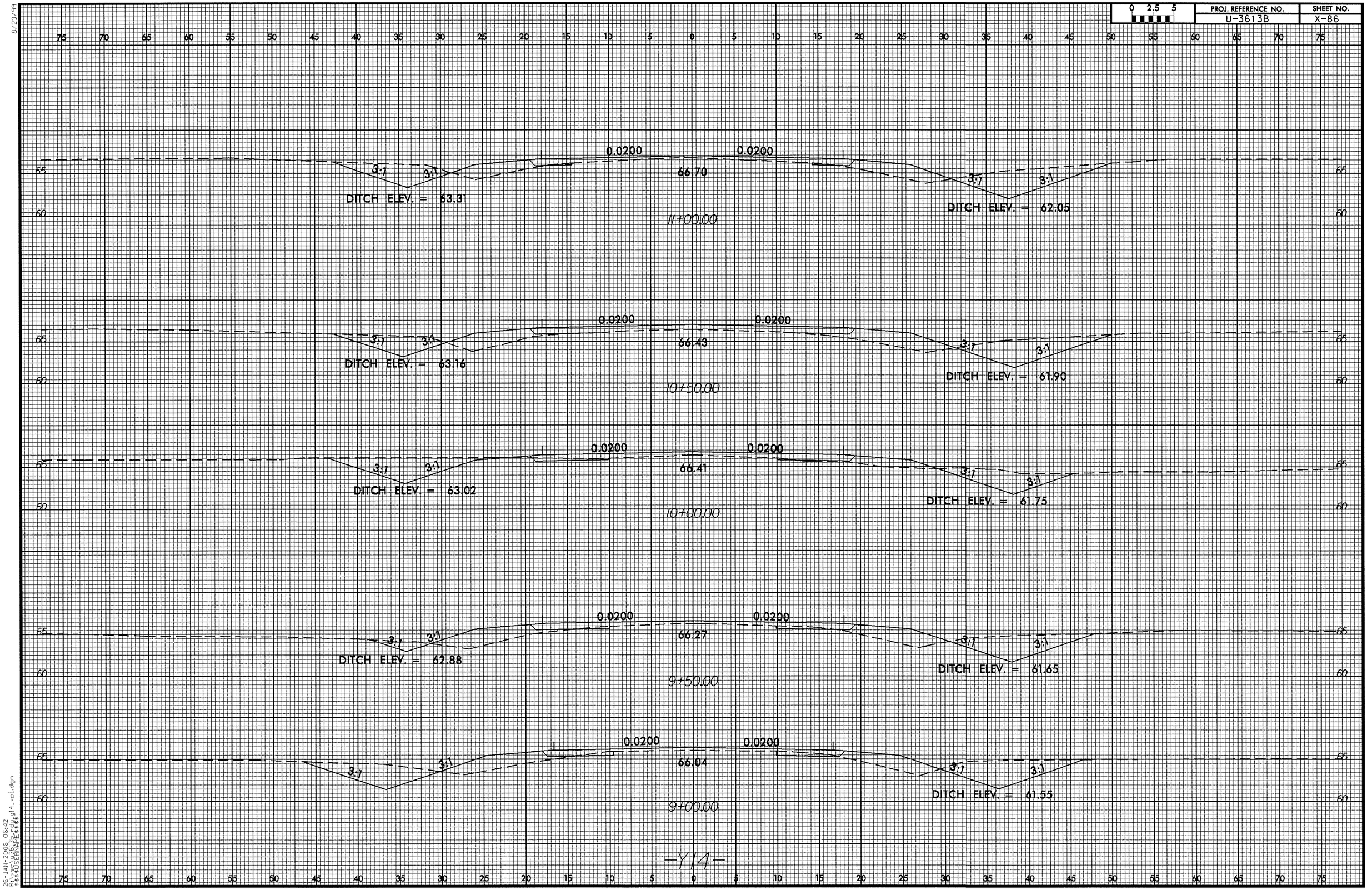
65 60

65.12

6+00.00

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

26-JAN-2006 06:42
R8.1.0.360 DGN {ORIENTED}
$$$$USERNAME$$$$
y14-xpl.dgn

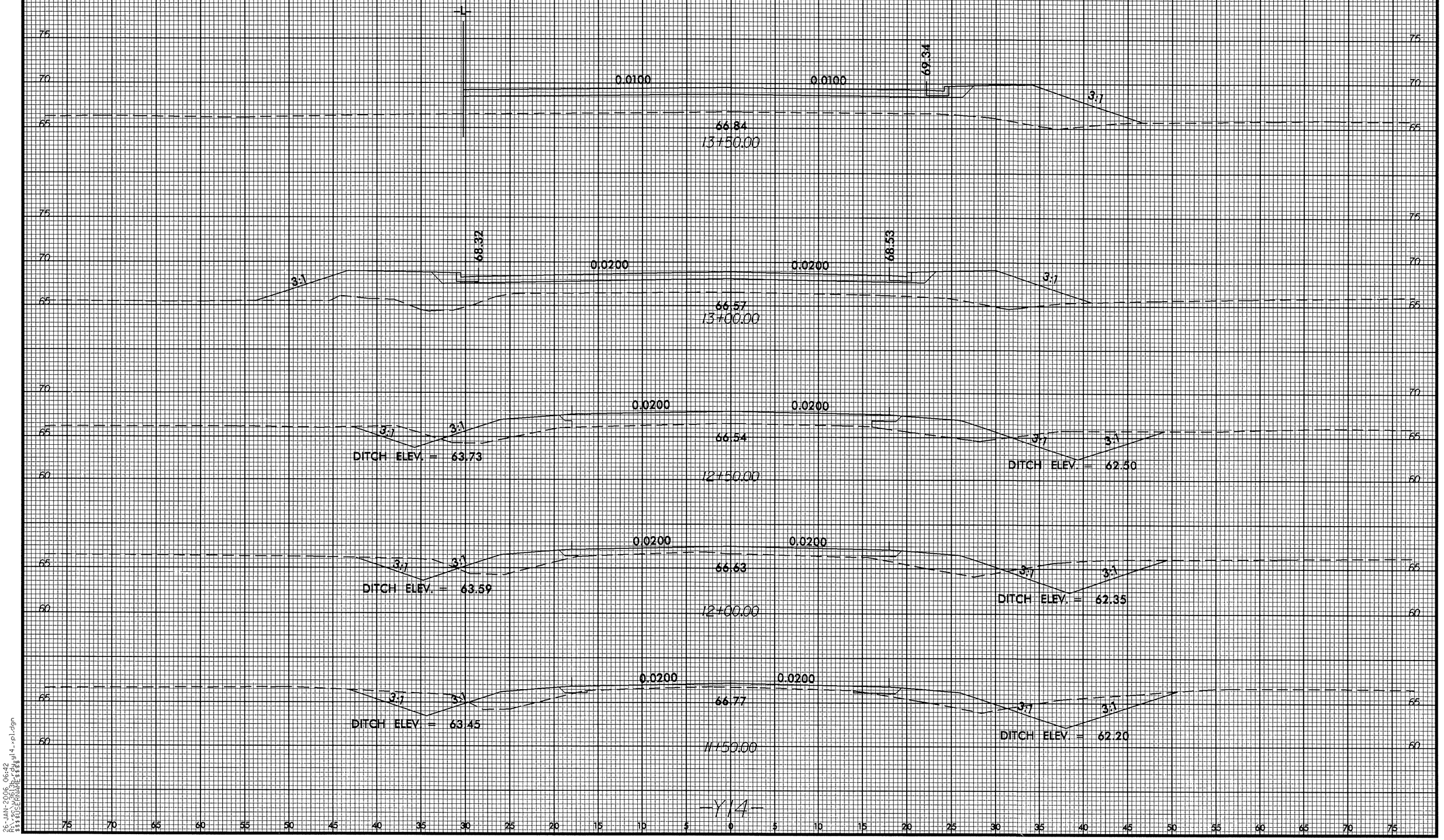


8/23/99
26-JAN-2006 06:42
R:\...\X86_U3613B_rdwy_pl1_rol.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-87

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



-Y14-

26-JAN-2006 06:42
R:\...\...\...dgn
$$$$USERNAME$$$$

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3613B	X-88

68.43
13+00.00

0.0010

0.0010

69.47
12+50.00

0.0020

0.0020

4:1

3:1

68.77

66.42

12+00.00

68.91
11+50.00

—Y16—

8.23.99

01-MAY-2006 16:26
R:\vs\u3613b_rdy_y16_xpl.dgn
$$$$USERNAME$$$$