CROSS SECTION INDEX SHEET

TIP NO: U-3303A
INITIALS: JBW

X-1

Chain	Beg Sta	End Sta	LOC	Sheet No.	Comments / Log File
L	10+50.00	40+00.00	LT	X-2 TO X-13	EARLLT40.log
L	40+50.00	70+50.00	LT	X-13 TO X-23	EARLLT7050.log
L	71+00.00	76+00.00	LT	X-23 TO X-25	EARLLT76.log
L	10+50.00	40+00.00	LT	X-2 TO X-13	EARLLTUS40.log
L	40+50.00	70+50.00	LT	X-13 TO X-23	EARLLTUS7050.log
L	71+00.00	76+00.00	LT	X-23 TO X-25	EARLLTUS76.log
L	10+50.00	40+00.00	LT	X-2 TO X-13	EARLLTUC40.log
L	40+50.00	70+50.00	LT	X-13 TO X-23	EARLLTUC7050.log
L	71+00.00	76+00.00	LT	X-23 TO X-25	EARLLTUC76.log
L	10+50.00	40+00.00	RT	X-2 TO X-13	EARLRGT40.log
L	40+50.00	70+50.00	RT	X-13 TO X-23	EARLRGT7050.log
L	71+00.00	76+00.00	RT	X-23 TO X-25	EARLRGT76.log
L	10+50.00	40+00.00	RT	X-2 TO X-13	EARLRGTUS40.log
L	40+50.00	70+50.00	RT	X-13 TO X-23	EARLRGTUS7050.log
L	71+00.00	76+00.00	RT	X-23 TO X-25	EARLRGTUS76.log
L	10+50.00	40+00.00	RT	X-2 TO X-13	EARLRGTUC40.log
L	40+50.00	70+50.00	RT	X-13 TO X-23	EARLRGTUC7050.log
L	71+00.00	76+00.00	RT	X-23 TO X-25	EARLRGTUC76.log
Y1	13+40.00	14+54.83		X-26 TO X-27	y1.log
Y3	10+41.95	15+03.98		X-28 TO X-29	y3.log
Y5	14+93.77	16+50.43		X-30 TO X-33	y5.log
Y7	13+23.17	16+92.60		X-34 TO X-36	y7.log
Y8	13+50.00	18+41.90		X-37 TO X-40	y8.log
Y9	10+34.10	11+88.90		X-41 TO X-43	y9.log
Y10	10+34.00	11+73.00		X-44 TO X-45	y10.log
Y11	10+34.04	12+52.17		X-46 TO X-47	y11.log
Y12	11+96.33	14+16.33		X-48 TO X-49	y12.log
Y13	15+54.92	17+66.13		X-50 TO X-53	y13.log

Chain	Beg Sta	End Sta	LOC	Sheet No.	Comments / Log File

PROJ. REFERENCE NO.	SHEET NO.
U-3303A	X1-A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

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

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	0	0	37+00.00	1	148	61+50.00	15	1	19+00.00	22	0	43+50.00	0	0	71+00.00	0	0
11+00.00	126	9	37+50.00	0	159	62+00.00	16	7	19+50.00	32	0	44+00.00	0	0	71+50.00	0	0
11+50.00	81	28	38+00.00	4	165	62+50.00	3	13	20+00.00	58	0	44+50.00	0	0	72+00.00	0	0
12+00.00	55	52	38+50.00	5	190	63+00.00	2	50	20+50.00	74	0	45+00.00	0	0	72+50.00	0	0
12+50.00	29	95	39+00.00	7	199	63+50.00	0	123	21+00.00	77	0	45+50.00	0	0	73+00.00	0	0
13+00.00	20	150	39+50.00	7	169	64+00.00	0	181	21+50.00	91	0	46+00.00	0	0	73+50.00	0	0
13+50.00	31	183	40+00.00	7	139	64+50.00	0	169	22+00.00	90	0	46+50.00	39	0	74+00.00	0	0
14+00.00	26	111				65+00.00	0	109	22+50.00	55	0	47+00.00	55	0	74+50.00	0	0
14+50.00	12	124	**Station**	**Uncl. Exc.**	**Embt**	65+50.00	6	42	23+00.00	22	0	47+50.00	16	0	75+00.00	0	0
15+00.00	19	129				66+00.00	6	41	23+50.00	28	0	48+00.00	0	0	75+50.00	0	0
15+50.00	37	37	**L**	**(cu. yd.)**	**(cu. yd.)**	66+50.00	6	59	24+00.00	24	0	48+50.00	0	0	76+00.00	0	0
16+00.00	46	28	40+50.00	0	0	67+00.00	19	25	24+50.00	9	0	49+00.00	0	0			
16+50.00	69	16	41+00.00	0	129	67+50.00	51	7	25+00.00	8	0	49+50.00	0	0	**Station**	**Uncl. Exc.**	**Embt**
17+00.00	57	5	41+50.00	0	109	68+00.00	92	1	25+50.00	3	0	50+00.00	0	0			
17+50.00	31	4	42+00.00	0	124	68+50.00	136	0	26+00.00	0	0	50+50.00	0	0	**L**	**(cu. yd.)**	**(cu. yd.)**
18+00.00	28	10	42+50.00	0	203	70+00.00	159	0	26+50.00	0	0	51+00.00	0	0	10+50.00	0	0
18+50.00	59	7	43+00.00	0	264	70+50.00	92	4	27+00.00	0	0	51+50.00	0	0	11+00.00	47	0
19+00.00	59	7	43+50.00	0	281				27+50.00	0	0	52+00.00	6	0	11+50.00	41	0
19+50.00	19	12	44+00.00	6	161	**Station**	**Uncl. Exc.**	**Embt**	28+00.00	0	0	52+50.00	19	0	12+00.00	27	0
20+00.00	8	7	44+50.00	84	25				28+50.00	5	0	53+00.00	38	0	12+50.00	4	0
20+50.00	11	2	45+00.00	219	2	**L**	**(cu. yd.)**	**(cu. yd.)**	29+00.00	16	0	53+50.00	43	0	13+00.00	0	0
21+00.00	22	1	45+50.00	302	0	71+00.00	0	0	29+50.00	40	0	54+00.00	57	0	13+50.00	0	0
21+50.00	23	1	46+00.00	274	0	71+50.00	4	86	30+00.00	46	0	54+50.00	75	0	14+00.00	0	0
22+00.00	26	0	46+50.00	119	0	72+00.00	0	44	30+50.00	39	0	55+00.00	63	0	14+50.00	0	0
22+50.00	28	6	47+00.00	16	2	72+50.00	0	142	31+00.00	49	0	55+50.00	44	0	15+00.00	0	0
23+00.00	30	9	47+50.00	20	20	73+00.00	0	177	31+50.00	68	0	56+00.00	41	0	15+50.00	0	0
23+50.00	33	4	48+00.00	21	156	73+50.00	3	94	32+00.00	102	0	56+50.00	55	0	16+00.00	0	0
24+00.00	36	14	48+50.00	18	234	74+00.00	19	44	32+50.00	104	0	57+00.00	67	0	16+50.00	21	0
24+50.00	38	30	49+00.00	19	169	74+50.00	57	8	33+00.00	71	0	57+50.00	83	0	17+00.00	43	0
25+00.00	39	28	49+50.00	20	146	75+00.00	92	1	33+50.00	32	0	58+00.00	94	0	17+50.00	40	0
25+50.00	38	37	50+00.00	20	109	75+50.00	97	4	34+00.00	3	0	58+50.00	79	0	18+00.00	44	0
26+00.00	32	76	50+50.00	19	71	76+00.00	85	11	34+50.00	0	0	59+00.00	56	0	18+50.00	29	0
26+50.00	26	110	51+00.00	15	82				35+00.00	0	0	59+50.00	38	0	19+00.00	23	0
27+00.00	24	138	51+50.00	12	116	**Station**	**Uncl. Exc.**	**Embt**	35+50.00	0	0	60+00.00	23	0	19+50.00	44	0
27+50.00	30	162	52+00.00	14	88				36+00.00	0	0	60+50.00	18	0	20+00.00	49	0
28+00.00	52	89	52+50.00	22	26	**L**	**(cu. yd.)**	**(cu. yd.)**	36+50.00	0	0	61+00.00	58	0	20+50.00	50	0
28+50.00	58	13	53+00.00	25	10	10+50.00	0	0	37+00.00	0	0	61+50.00	98	0	21+00.00	47	0
29+00.00	45	9	53+50.00	20	9	11+00.00	32	0	37+50.00	0	0	62+00.00	103	0	21+50.00	48	0
29+50.00	45	3	54+00.00	20	7	11+50.00	5	0	38+00.00	0	0	62+50.00	87	0	22+00.00	48	0
30+00.00	44	2	54+50.00	20	0	12+00.00	0	0	38+50.00	0	0	63+00.00	40	0	22+50.00	44	0
30+50.00	43	0	55+00.00	22	1	12+50.00	0	0	39+00.00	0	0	63+50.00	8	0	23+00.00	41	0
31+00.00	42	0	55+50.00	17	5	13+00.00	0	0	39+50.00	0	0	64+00.00	0	0	23+50.00	38	0
31+50.00	39	0	56+00.00	7	6	13+50.00	0	0	40+00.00	0	0	64+50.00	0	0	24+00.00	29	0
32+00.00	36	4	56+50.00	3	7	14+00.00	0	0				65+00.00	0	0	24+50.00	20	0
32+50.00	54	4	57+00.00	1	6	14+50.00	0	0	**Station**	**Uncl. Exc.**	**Embt**	65+50.00	29	0	25+00.00	19	0
33+00.00	55	0	57+50.00	1	1	15+00.00	0	0				66+00.00	30	0	25+50.00	18	0
33+50.00	33	11	58+00.00	0	0	15+50.00	0	0	**L**	**(cu. yd.)**	**(cu. yd.)**	66+50.00	1	0	26+00.00	9	0
34+00.00	28	35	58+50.00	0	1	16+00.00	0	0	40+50.00	0	0	67+00.00	0	0	26+50.00	0	0
34+50.00	19	58	59+00.00	0	4	16+50.00	31	0	41+00.00	0	0	67+50.00	0	0	27+00.00	0	0
35+00.00	10	76	59+50.00	0	21	17+00.00	66	0	41+50.00	0	0	68+00.00	0	0	27+50.00	0	0
35+50.00	8	91	60+00.00	0	47	17+50.00	57	0	42+00.00	0	0	68+50.00	0	0	28+00.00	0	0
36+00.00	5	110	60+50.00	0	50	18+00.00	43	0	42+50.00	0	0	70+00.00	0	0	28+50.00	15	0
36+50.00	4	124	61+00.00	0	22	18+50.00	28	0	43+00.00	0	0	70+50.00	0	0	29+00.00	27	0

PROJ. REFERENCE NO.	SHEET NO.
U-3303A	X1-B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

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NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
29+50.00	28	0
30+00.00	32	0
30+50.00	33	0
31+00.00	36	0
31+50.00	44	0
32+00.00	53	0
32+50.00	54	0
33+00.00	52	0
33+50.00	35	0
34+00.00	16	0
34+50.00	6	0
35+00.00	0	0
35+50.00	0	0
36+00.00	0	0
36+50.00	0	0
37+00.00	0	0
37+50.00	0	0
38+00.00	0	0
38+50.00	0	0
39+00.00	4	0
39+50.00	7	0
40+00.00	7	0

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
40+50.00	0	0
41+00.00	6	0
41+50.00	1	0
42+00.00	0	0
42+50.00	0	0
43+00.00	0	0
43+50.00	0	0
44+00.00	0	0
44+50.00	0	0
45+00.00	0	0
45+50.00	0	0
46+00.00	0	0
46+50.00	23	0
47+00.00	44	0
47+50.00	31	0
48+00.00	9	0
48+50.00	0	0
49+00.00	0	0
49+50.00	0	0
50+00.00	9	0
50+50.00	19	0
51+00.00	16	0
51+50.00	6	0
52+00.00	19	0
52+50.00	38	0
53+00.00	46	0
53+50.00	60	0

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
54+00.00	56	0
54+50.00	46	0
55+00.00	47	0
55+50.00	47	0
56+00.00	49	0
56+50.00	56	0
57+00.00	63	0
57+50.00	69	0
58+00.00	70	0
58+50.00	69	0
59+00.00	67	0
59+50.00	52	0
60+00.00	35	0
60+50.00	34	0
61+00.00	53	0
61+50.00	54	0
62+00.00	47	0
62+50.00	51	0
63+00.00	42	0
63+50.00	22	0
64+00.00	4	0
64+50.00	2	0
65+00.00	12	0
65+50.00	55	0
66+00.00	56	0
66+50.00	11	0
67+00.00	0	0
67+50.00	0	0
68+00.00	0	0
68+50.00	0	0
70+00.00	0	0
70+50.00	0	0

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
71+00.00	0	0
71+50.00	0	0
72+00.00	0	0
72+50.00	0	0
73+00.00	0	0
73+50.00	0	0
74+00.00	0	0
74+50.00	0	0
75+00.00	0	0
75+50.00	0	0
76+00.00	0	0

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	0	
11+00.00	82	1

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+50.00	36	5
12+00.00	29	6
12+50.00	25	7
13+00.00	30	12
13+50.00	34	15
14+00.00	35	24
14+50.00	33	18
15+00.00	24	13
15+50.00	19	19
16+00.00	24	8
16+50.00	26	2
17+00.00	29	2
17+50.00	31	12
18+00.00	30	17
18+50.00	35	24
19+00.00	35	31
19+50.00	25	15
20+00.00	21	4
20+50.00	19	4
21+00.00	16	4
21+50.00	16	2
22+00.00	18	0
22+50.00	18	2
23+00.00	15	3
23+50.00	34	6
24+00.00	32	19
24+50.00	9	25
25+00.00	11	14
25+50.00	15	6
26+00.00	18	21
26+50.00	20	50
27+00.00	22	71
27+50.00	21	86
28+00.00	23	69
28+50.00	27	219
29+00.00	27	324
29+50.00	27	248
30+00.00	32	155
30+50.00	38	47
31+00.00	43	22
31+50.00	41	17
32+00.00	35	12
32+50.00	47	10
33+00.00	45	12
33+50.00	24	13
34+00.00	14	23
34+50.00	7	54
35+00.00	5	91
35+50.00	2	119
36+00.00	0	140
36+50.00	0	131
37+00.00	0	110
37+50.00	0	84

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
38+00.00	0	46
38+50.00	0	18
39+00.00	1	5
39+50.00	3	5
40+00.00	4	8

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
40+50.00	0	0
41+00.00	0	40
41+50.00	0	115
42+00.00	0	169
42+50.00	0	200
43+00.00	0	324
43+50.00	1	570
44+00.00	3	683
44+50.00	8	402
45+00.00	14	107
45+50.00	22	38
46+00.00	23	30
46+50.00	12	141
47+00.00	8	290
47+50.00	11	362
48+00.00	13	410
48+50.00	14	337
49+00.00	16	141
49+50.00	16	40
50+00.00	14	23
50+50.00	12	2
51+00.00	13	2
51+50.00	15	3
52+00.00	17	4
52+50.00	18	1
53+00.00	18	1
53+50.00	19	1
54+00.00	19	3
54+50.00	17	10
55+00.00	17	55
55+50.00	17	111
56+00.00	18	155
56+50.00	16	163
57+00.00	6	129
57+50.00	0	115
58+00.00	0	123
58+50.00	0	151
59+00.00	0	187
59+50.00	0	215
60+00.00	0	233
60+50.00	0	215
61+00.00	0	172
61+50.00	7	137
62+00.00	12	110

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
62+50.00	7	96
63+00.00	3	79
63+50.00	0	61
64+00.00	0	47
64+50.00	0	34
65+00.00	0	38
65+50.00	0	74
66+00.00	0	80
66+50.00	29	45
67+00.00	78	27
67+50.00	73	19
68+00.00	42	32
68+50.00	39	40
70+00.00	42	35
70+50.00	37	37

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
71+00.00	0	0
71+50.00	15	31
72+00.00	4	32
72+50.00	2	133
73+00.00	5	193
73+50.00	10	146
74+00.00	17	170
74+50.00	25	146
75+00.00	52	45
75+50.00	98	6
76+00.00	114	3

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
14+00.00	5	
14+50.00	1	
15+00.00	1	
15+50.00	10	
16+00.00	27	
16+50.00	46	
17+00.00	50	
17+50.00	30	
18+00.00	20	
18+50.00	15	
19+00.00	6	
19+50.00	15	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
20+00.00	31	
20+50.00	59	
21+00.00	92	
21+50.00	132	
22+00.00	138	
22+50.00	136	
23+00.00	137	
23+50.00	58	
24+00.00	11	
24+50.00	22	
25+00.00	40	
25+50.00	53	
26+00.00	24	
26+50.00	0	
27+00.00	0	
27+50.00	0	
28+00.00	0	
28+50.00	0	
29+00.00	0	
29+50.00	0	
30+00.00	0	
30+50.00	7	
31+00.00	17	
31+50.00	19	
32+00.00	23	
32+50.00	13	
33+00.00	31	
33+50.00	49	
34+00.00	23	
34+50.00	5	
35+00.00	0	
35+50.00	0	
36+00.00	0	
36+50.00	0	
37+00.00	0	
37+50.00	0	
38+00.00	13	
38+50.00	43	
39+00.00	95	
39+50.00	148	
40+00.00	104	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
40+50.00	0	
41+00.00	10	
41+50.00	2	
42+00.00	0	
42+50.00	0	
43+00.00	0	
43+50.00	0	
44+00.00	0	

PROJ. REFERENCE NO.	SHEET NO.
U-3303A	X1-C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

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NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
44+50.00	0	
45+00.00	0	
45+50.00	0	
46+00.00	0	
46+50.00	0	
47+00.00	0	
47+50.00	0	
48+00.00	0	
48+50.00	0	
49+00.00	4	
49+50.00	5	
50+00.00	41	
50+50.00	89	
51+00.00	98	
51+50.00	76	
52+00.00	69	
52+50.00	79	
53+00.00	62	
53+50.00	60	
54+00.00	67	
54+50.00	44	
55+00.00	12	
55+50.00	0	
56+00.00	0	
56+50.00	0	
57+00.00	1	
57+50.00	6	
58+00.00	13	
58+50.00	8	
59+00.00	1	
59+50.00	0	
60+00.00	0	
60+50.00	0	
61+00.00	0	
61+50.00	7	
62+00.00	12	
62+50.00	7	
63+00.00	3	
63+50.00	1	
64+00.00	7	
64+50.00	14	
65+00.00	11	
65+50.00	3	
66+00.00	5	
66+50.00	5	
67+00.00	0	
67+50.00	0	
68+00.00	0	
68+50.00	0	
70+00.00	0	
70+50.00	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
71+00.00	0	
71+50.00	0	
72+00.00	0	
72+50.00	0	
73+00.00	0	
73+50.00	0	
74+00.00	0	
74+50.00	0	
75+00.00	0	
75+50.00	0	
76+00.00	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	0	
11+00.00	32	
11+50.00	33	
12+00.00	31	
12+50.00	34	
13+00.00	32	
13+50.00	22	
14+00.00	19	
14+50.00	26	
15+00.00	31	
15+50.00	32	
16+00.00	36	
16+50.00	38	
17+00.00	40	
17+50.00	41	
18+00.00	42	
18+50.00	28	
19+00.00	26	
19+50.00	42	
20+00.00	44	
20+50.00	44	
21+00.00	44	
21+50.00	46	
22+00.00	48	
22+50.00	48	
23+00.00	46	
23+50.00	25	
24+00.00	19	
24+50.00	38	
25+00.00	38	
25+50.00	37	
26+00.00	18	
26+50.00	0	
27+00.00	0	
27+50.00	0	
28+00.00	0	
28+50.00	0	
29+00.00	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
29+50.00	0	
30+00.00	11	
30+50.00	27	
31+00.00	31	
31+50.00	31	
32+00.00	32	
32+50.00	17	
33+00.00	38	
33+50.00	64	
34+00.00	42	
34+50.00	16	
35+00.00	0	
35+50.00	0	
36+00.00	0	
36+50.00	0	
37+00.00	2	
37+50.00	8	
38+00.00	22	
38+50.00	39	
39+00.00	45	
39+50.00	45	
40+00.00	44	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
40+50.00	0	
41+00.00	29	
41+50.00	11	
42+00.00	0	
42+50.00	0	
43+00.00	0	
43+50.00	0	
44+00.00	0	
44+50.00	0	
45+00.00	0	
45+50.00	0	
46+00.00	0	
46+50.00	2	
47+00.00	2	
47+50.00	0	
48+00.00	0	
48+50.00	0	
49+00.00	11	
49+50.00	21	
50+00.00	35	
50+50.00	48	
51+00.00	48	
51+50.00	48	
52+00.00	48	
52+50.00	51	
53+00.00	52	
53+50.00	51	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
54+00.00	51	
54+50.00	50	
55+00.00	28	
55+50.00	4	
56+00.00	0	
56+50.00	0	
57+00.00	11	
57+50.00	29	
58+00.00	38	
58+50.00	34	
59+00.00	20	
59+50.00	6	
60+00.00	0	
60+50.00	0	
61+00.00	5	
61+50.00	6	
62+00.00	2	
62+50.00	2	
63+00.00	6	
63+50.00	10	
64+00.00	16	
64+50.00	21	
65+00.00	20	
65+50.00	10	
66+00.00	22	
66+50.00	21	
67+00.00	0	
67+50.00	0	
68+00.00	0	
68+50.00	0	
70+00.00	0	
70+50.00	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
71+00.00	0	
71+50.00	0	
72+00.00	0	
72+50.00	0	
73+00.00	0	
73+50.00	0	
74+00.00	0	
74+50.00	0	
75+00.00	0	
75+50.00	0	
76+00.00	0	

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+40.00	0	0
14+00.00	39	104
14+54.83	3	184

Station Y3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+41.95	0	0
11+00.00	160	4
12+38.95	333	14
13+07.00	0	0
14+50.00	351	5
15+03.98	141	1

Station Y5	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
14+93.77	0	0
16+00.00	215	6
16+50.43	129	1

Station Y7	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+23.17	0	0
14+00.00	124	19
14+73.25	83	30
15+41.26	0	0
16+00.00	115	19
16+92.60	208	17

Station Y8	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+50.00	0	0
14+00.00	105	3
14+50.00	90	5
15+39.99	140	13
16+08.39	0	0
17+50.00	342	20
18+41.90	250	11

Station Y9	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+34.10	0	0
11+88.90	160	87

Station Y10	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+34.00	0	0
11+00.00	131	5
11+50.00	119	2
11+73.00	64	0

Station Y11	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+34.04	0	0
12+00.00	340	4
12+52.17	102	1

Station Y12	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+96.33	0	0
12+50.00	162	1
13+00.00	308	0
14+16.33	968	0

Station Y13	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
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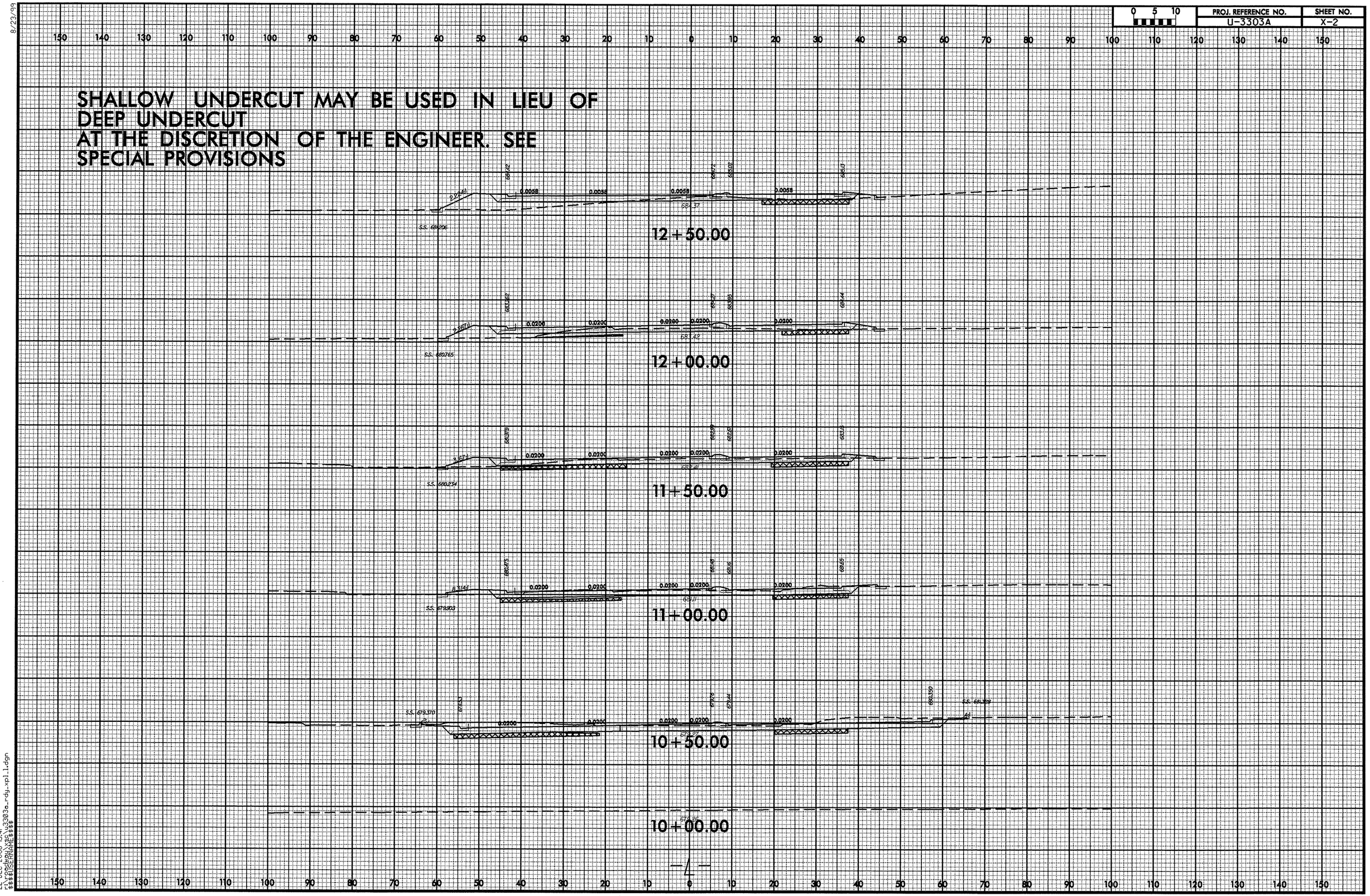
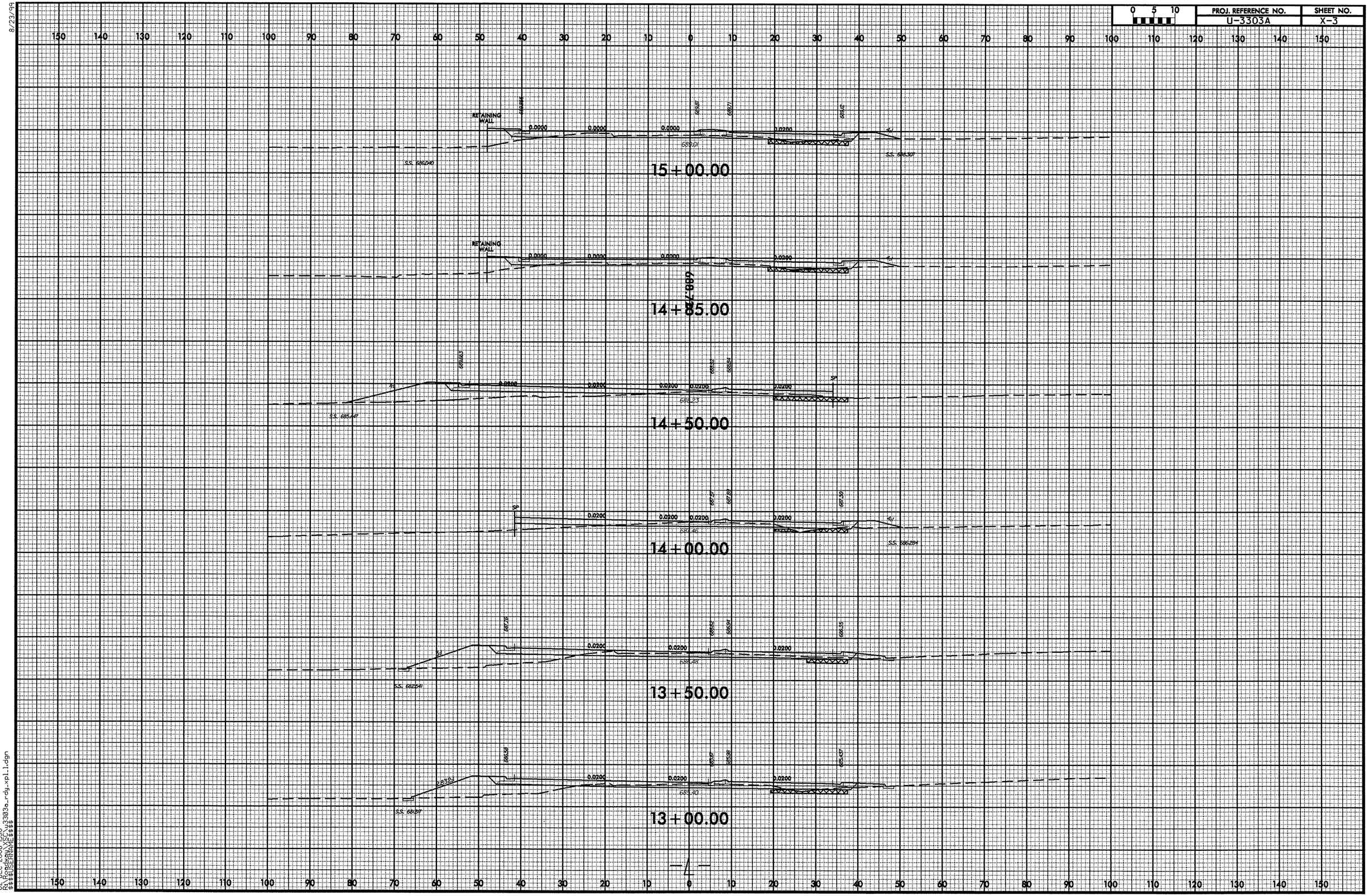
16+00.00	80	16
16+50.00	71	18
17+00.00	55	16
17+66.13	89	14



PROJ. REFERENCE NO.
U-3303A
SHEET NO.
X-2
SHALLOW UNDERCUT MAY BE USED IN LIEU OF DEEP UNDERCUT AT THE DISCRETION OF THE ENGINEER. SEE SPECIAL PROVISIONS
12+50.00
12+00.00
11+50.00
11+00.00
10+50.00
10+00.00
0.0058
0.0200

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-3303A	X-3



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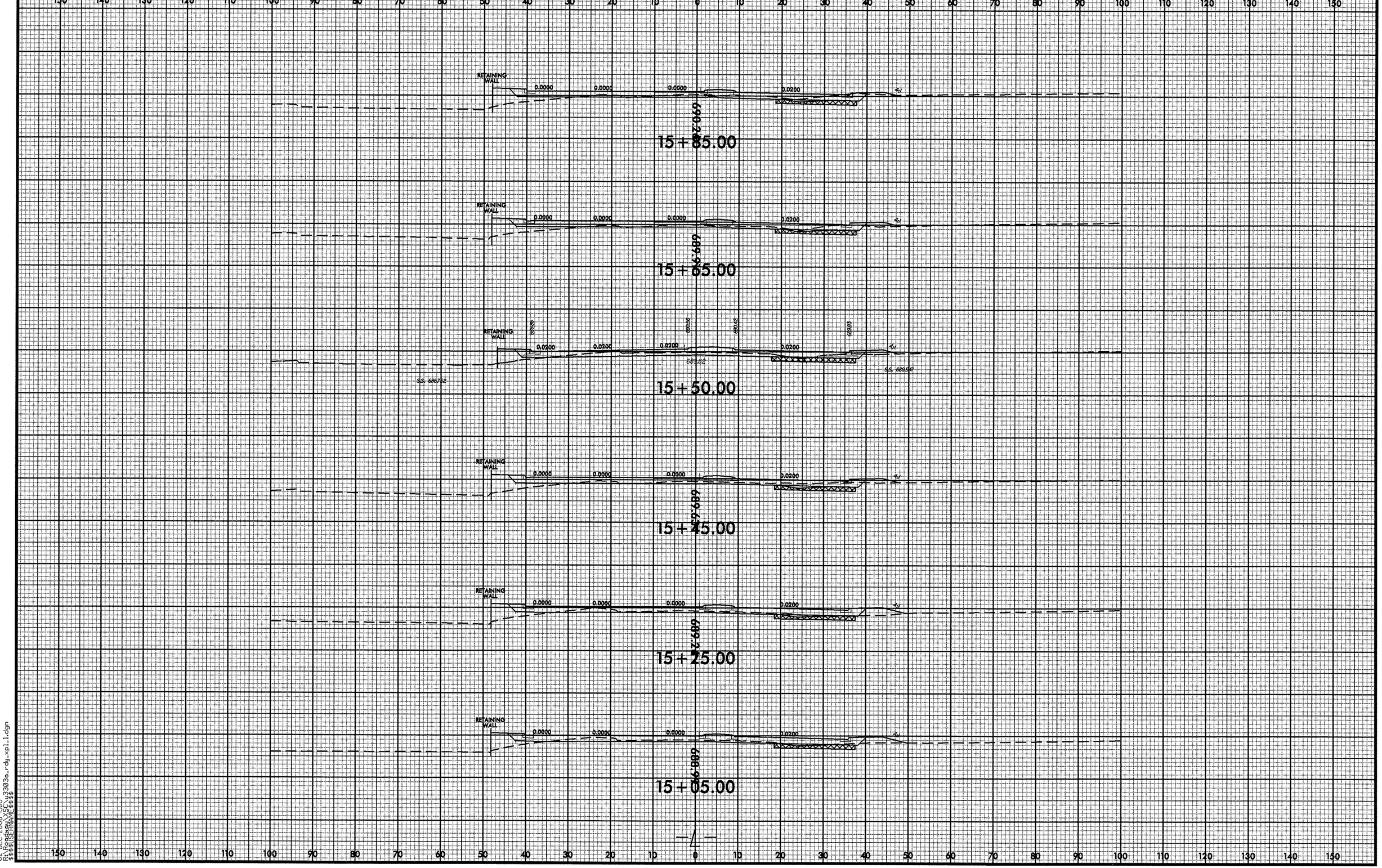

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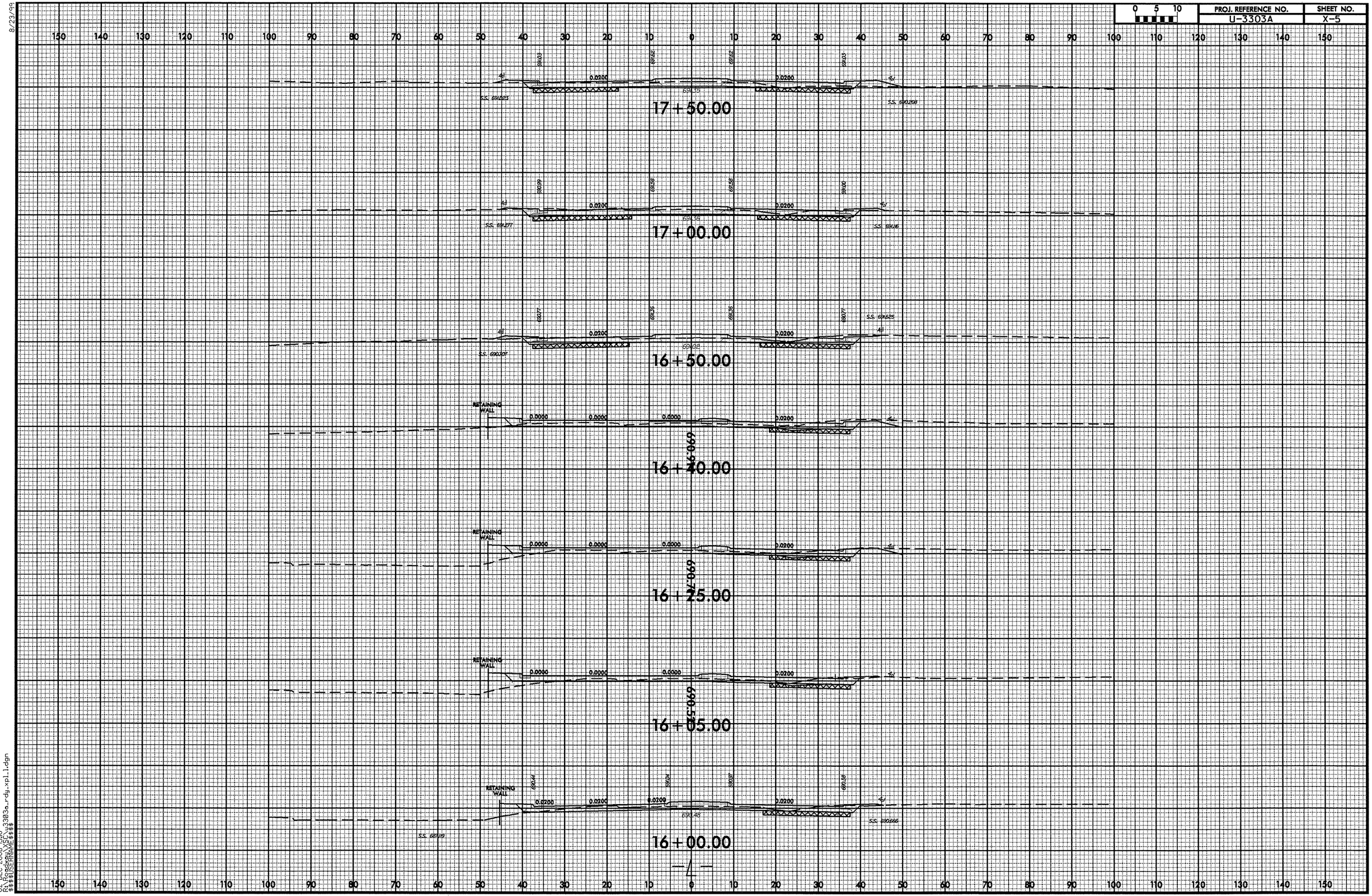

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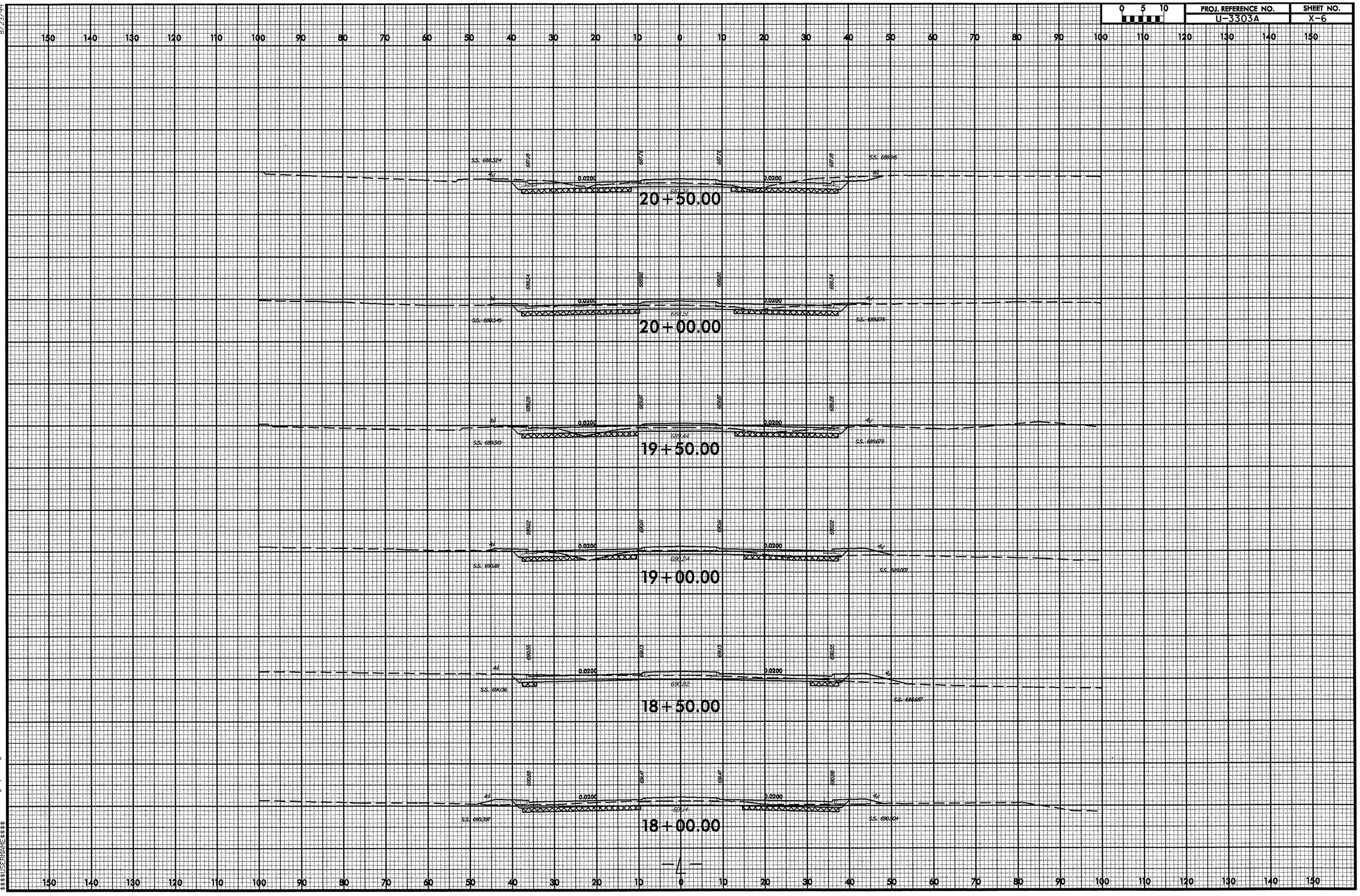

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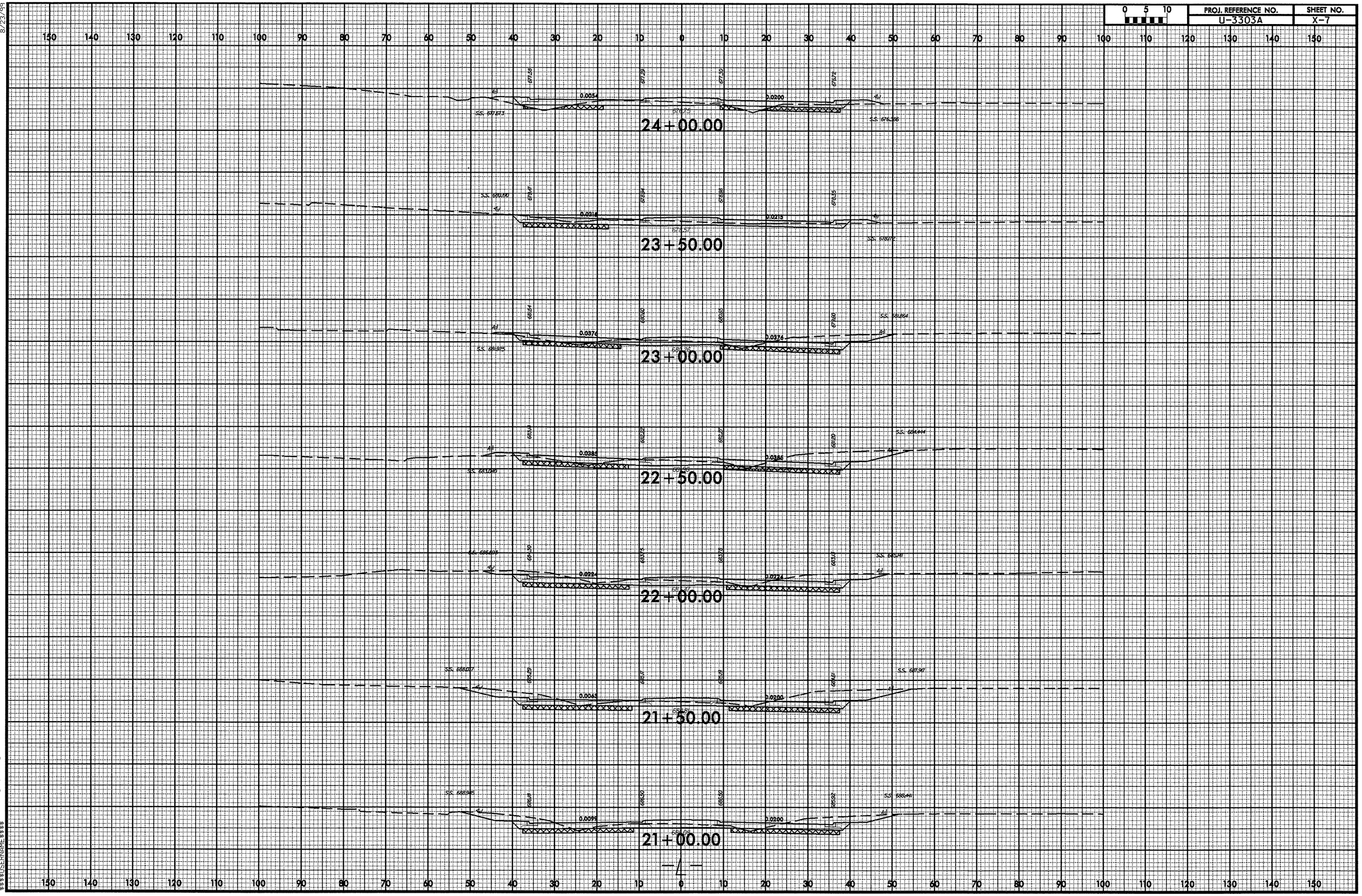

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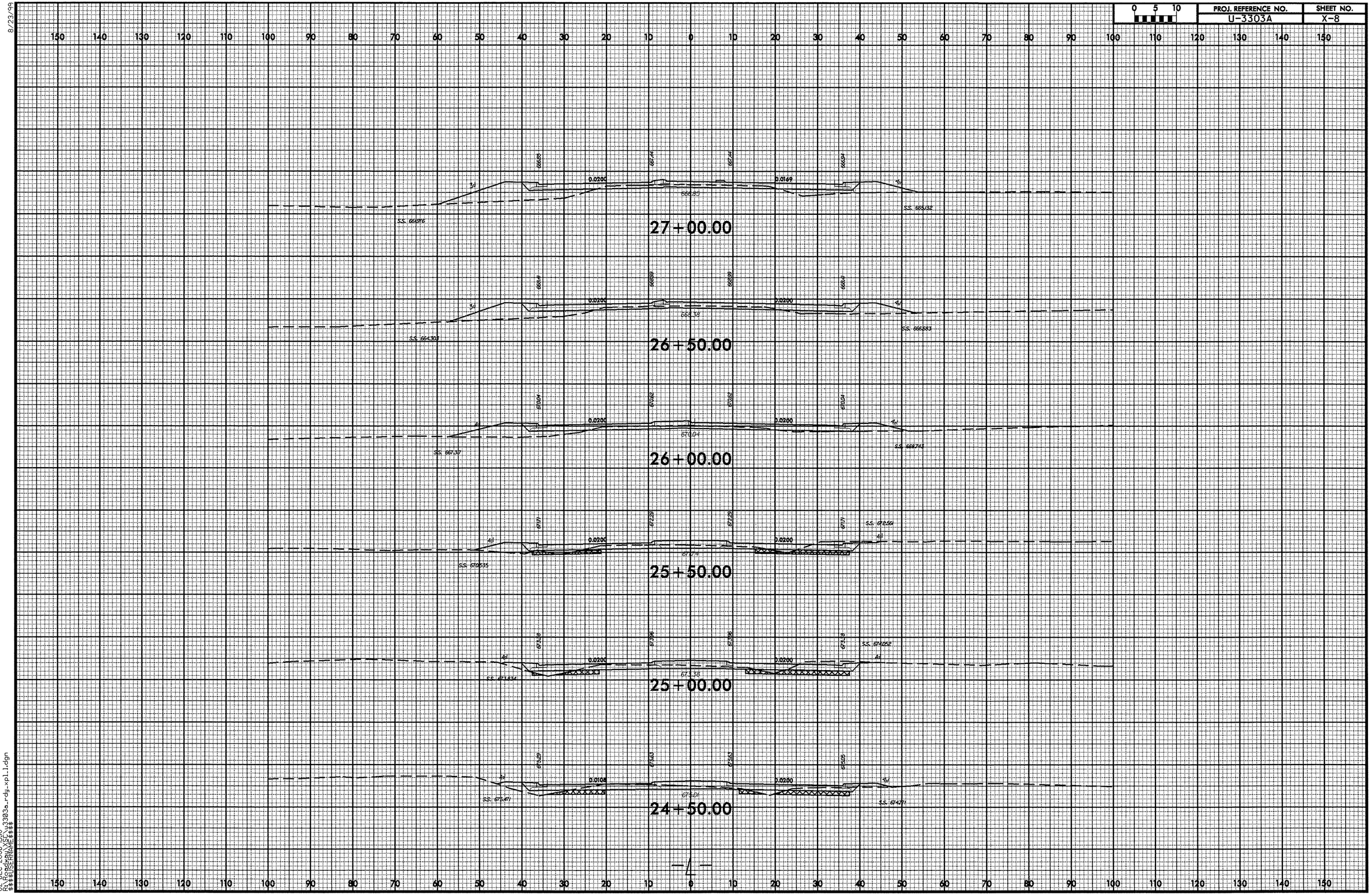

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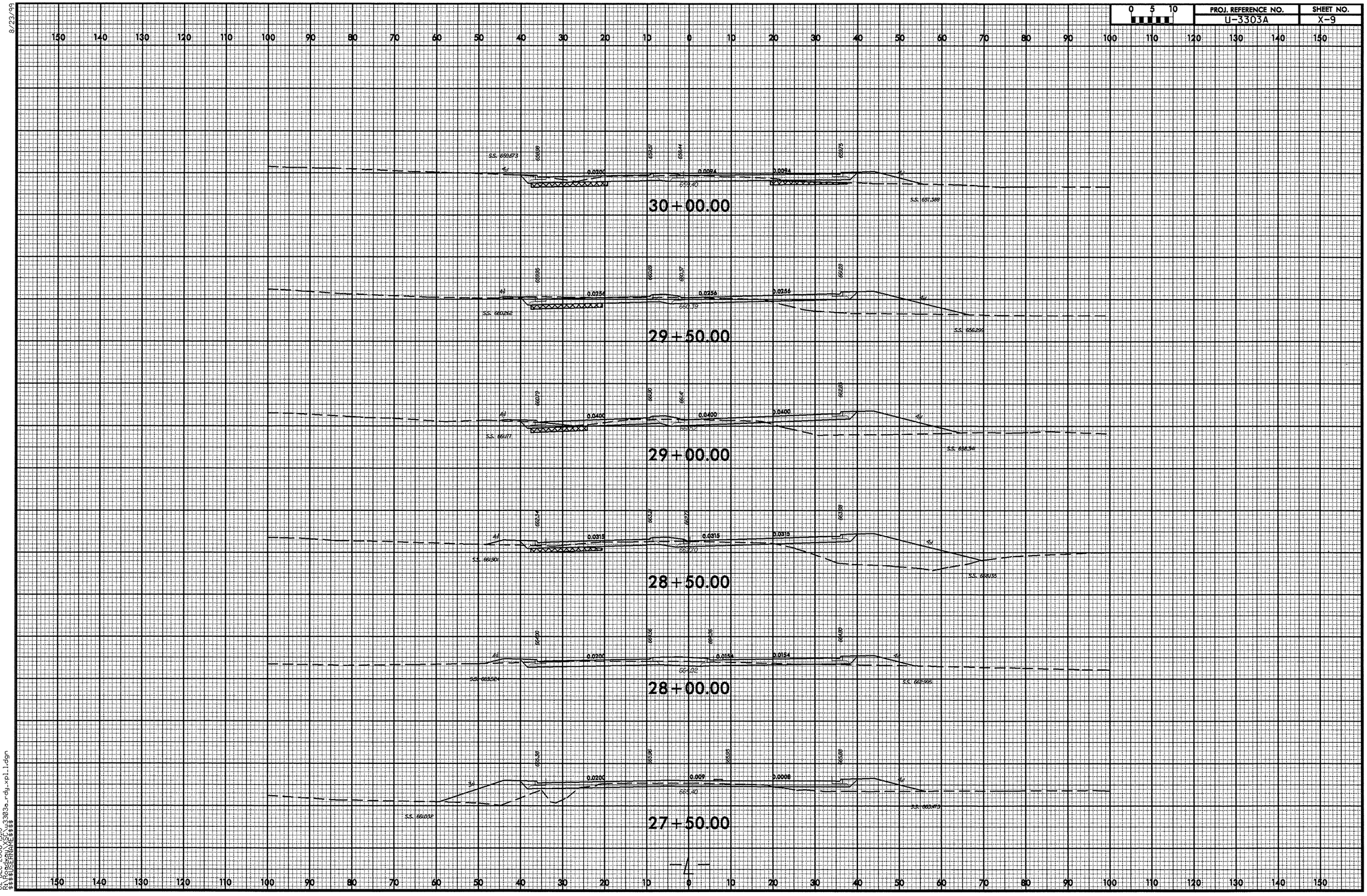

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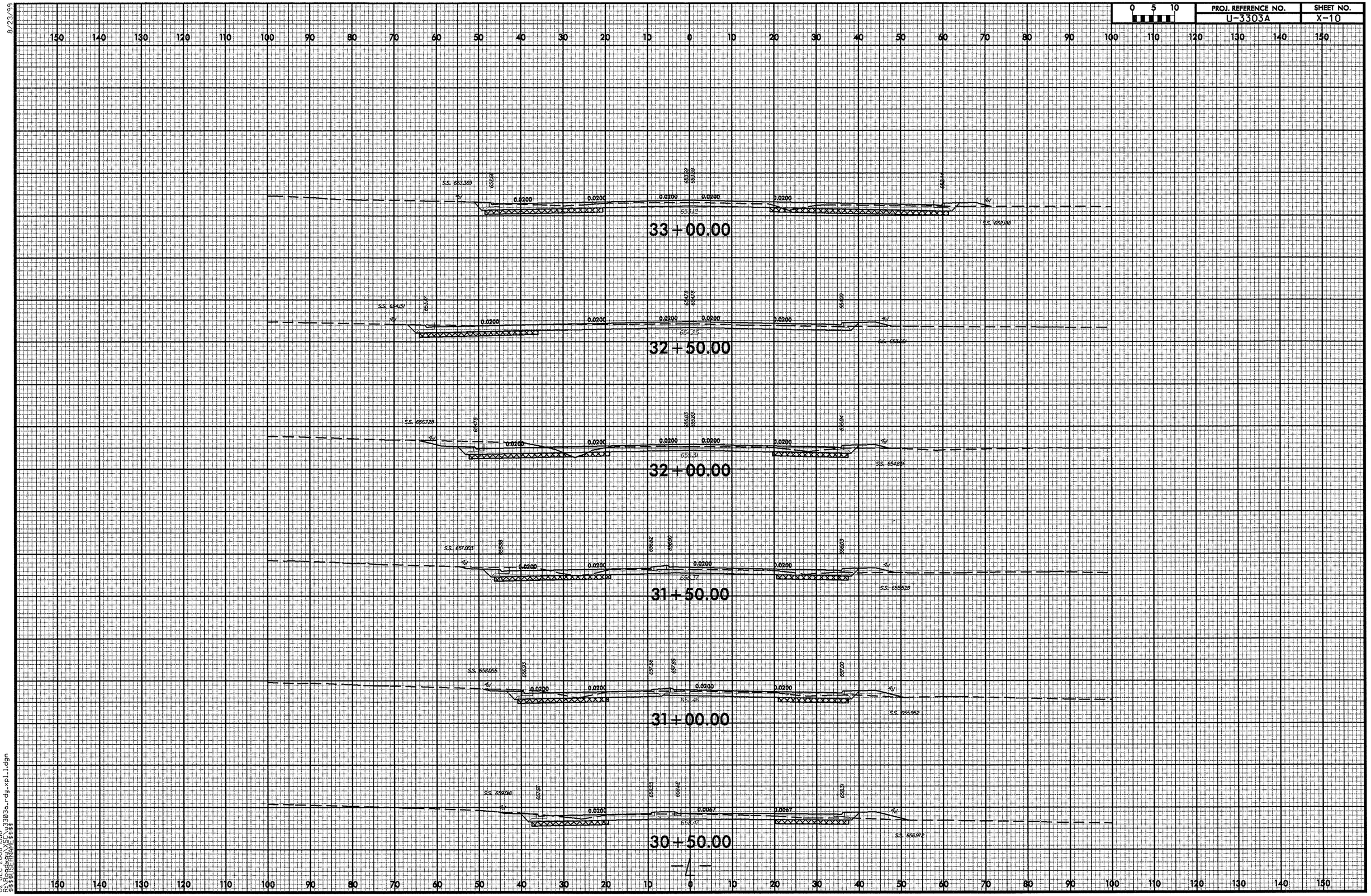

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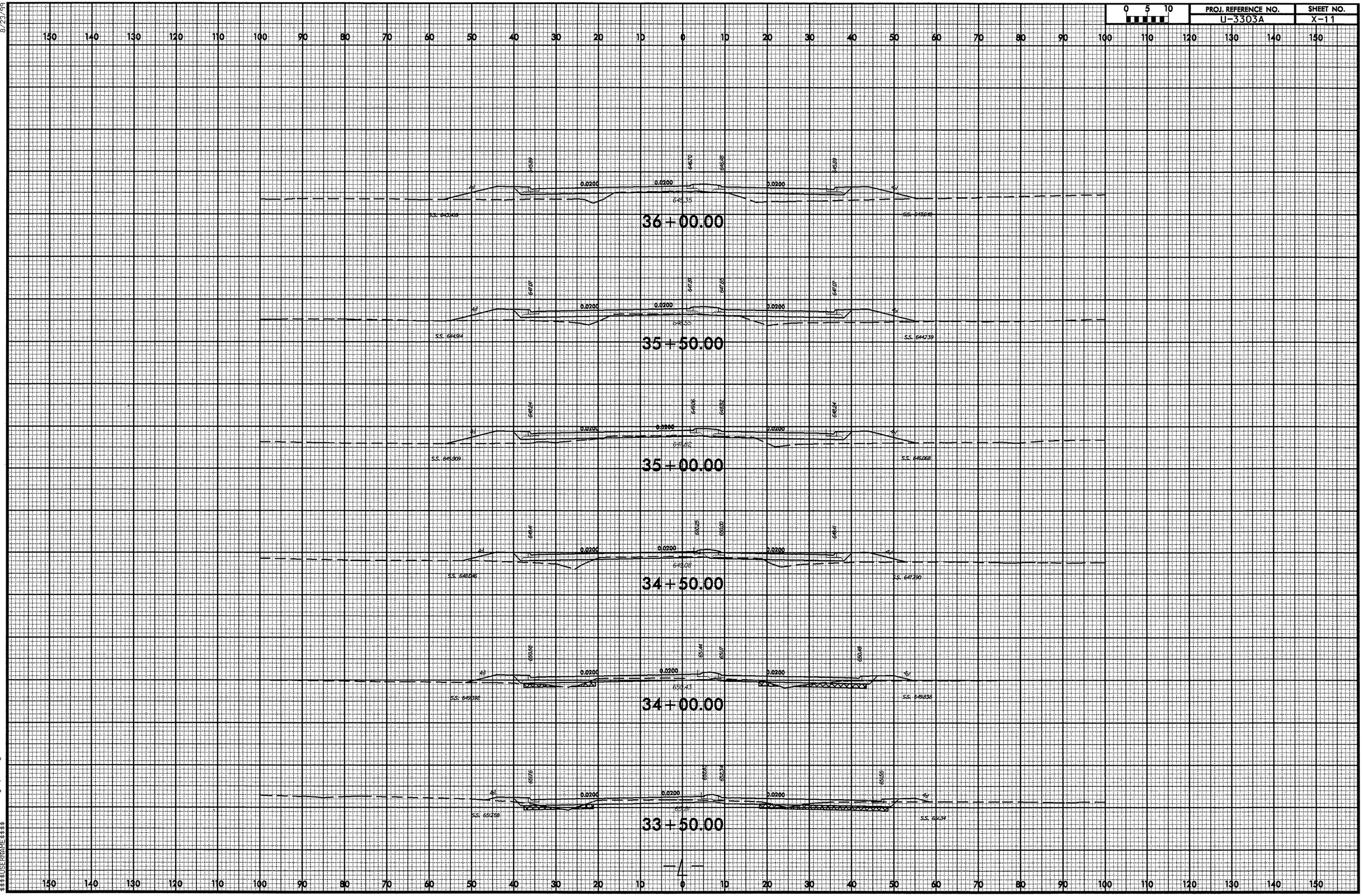

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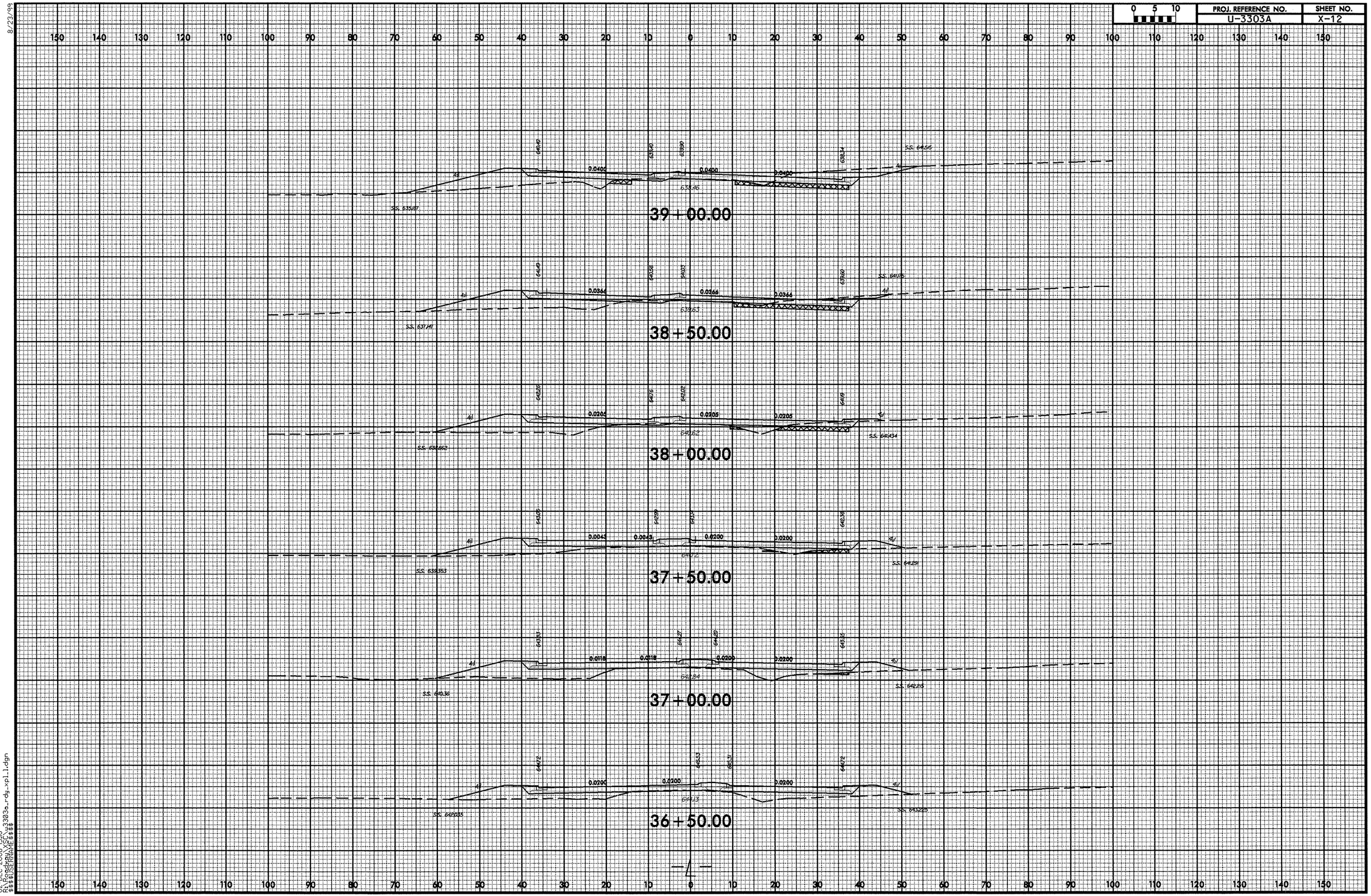

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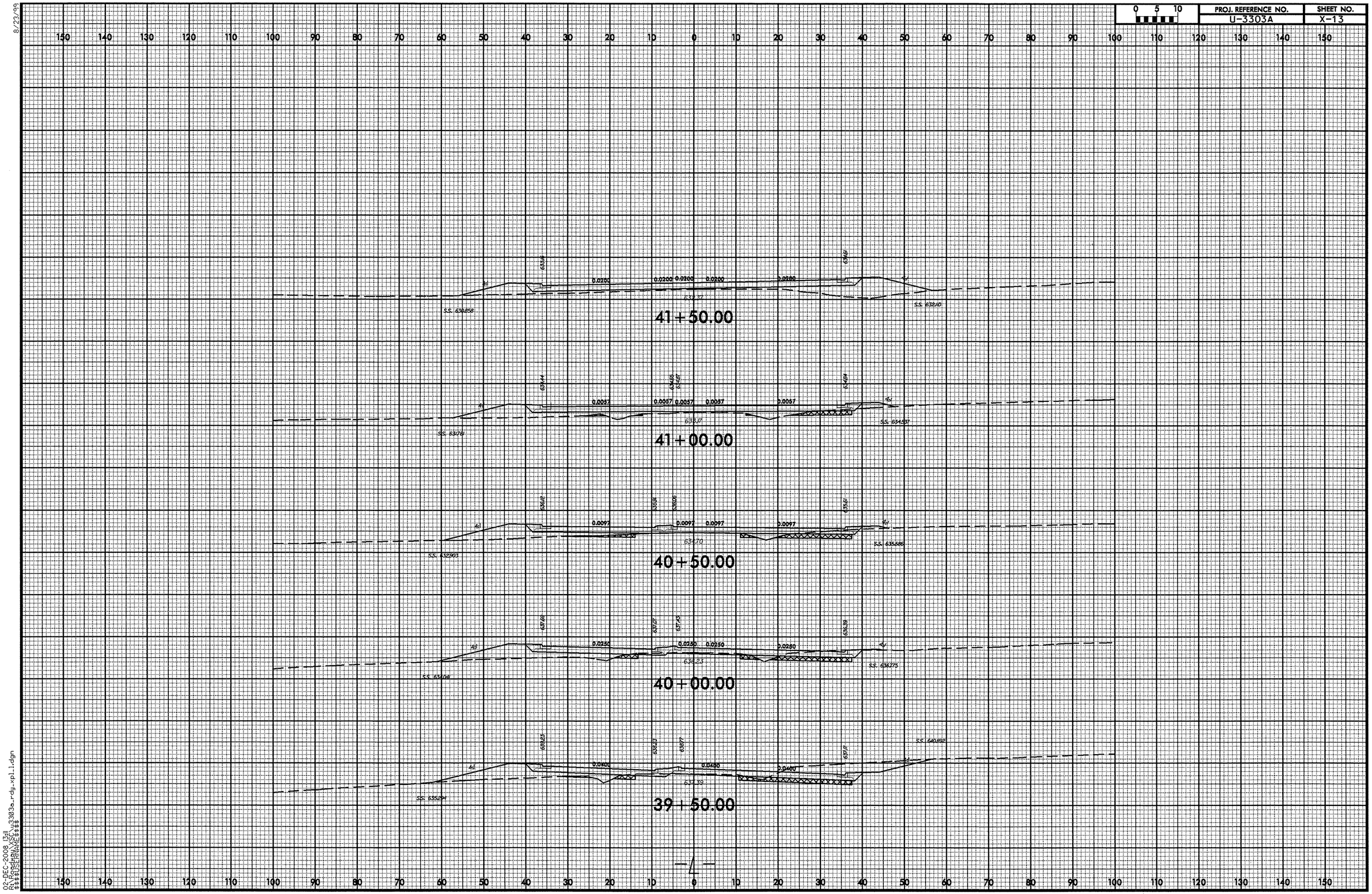

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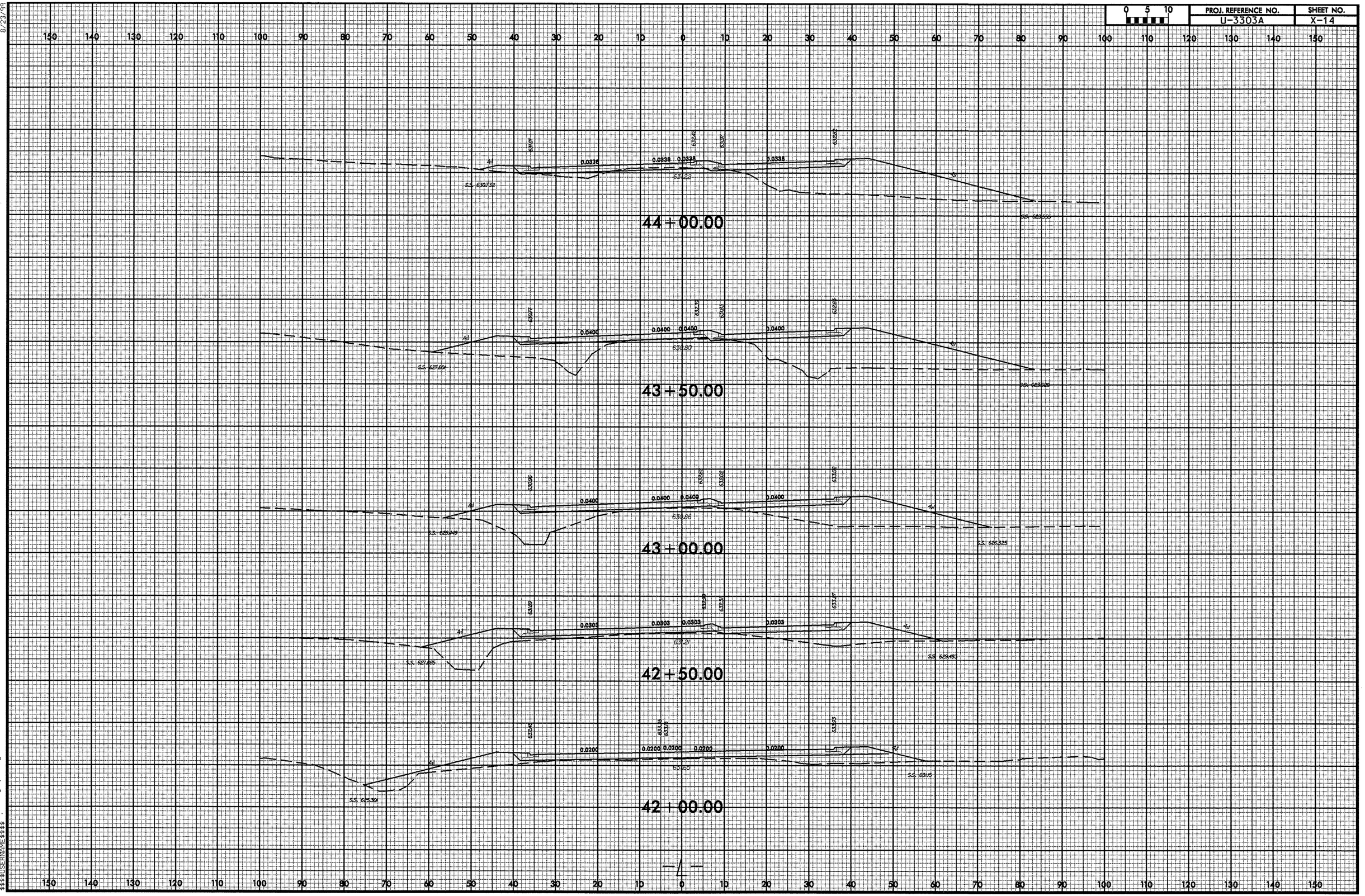

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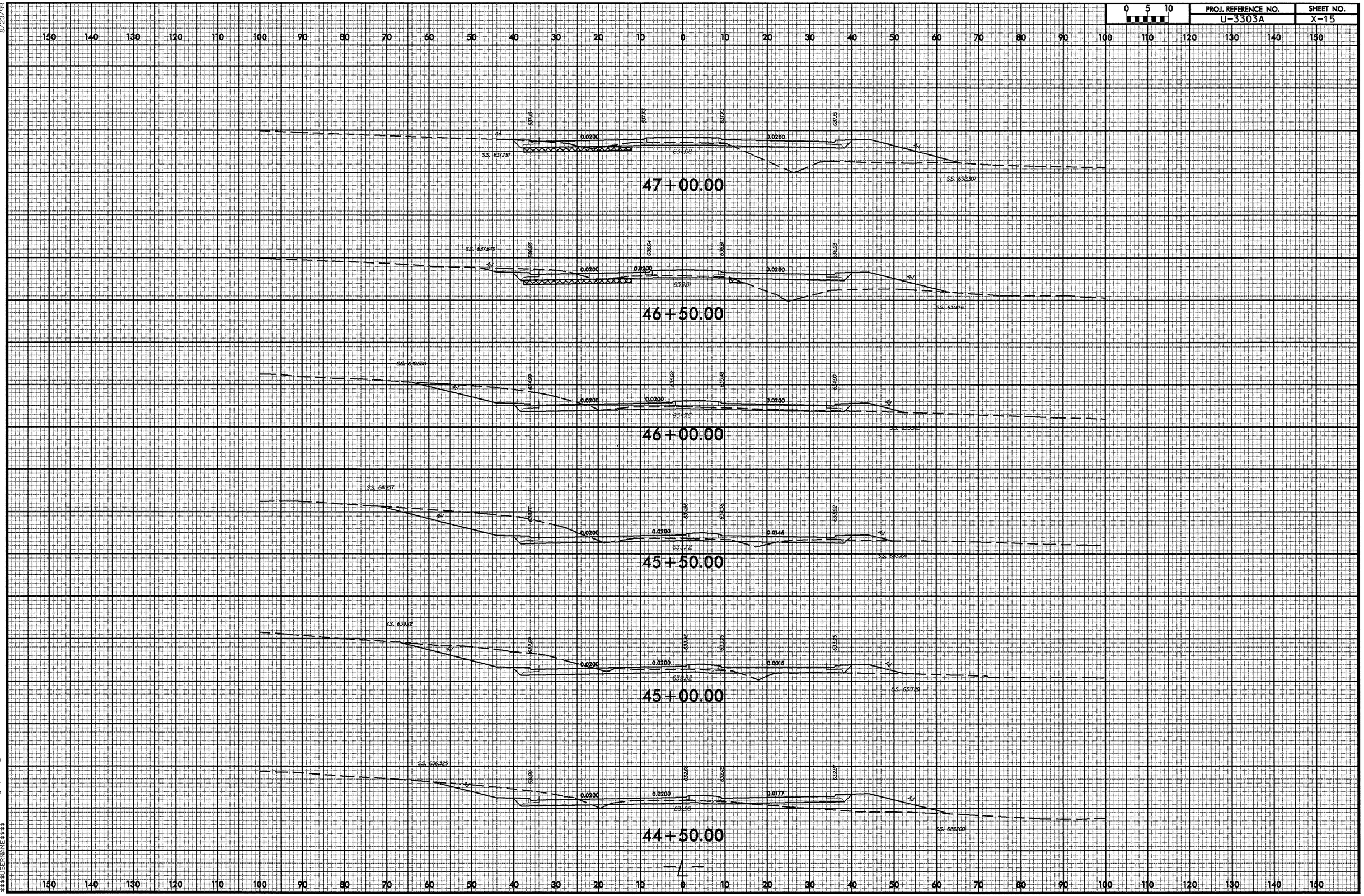

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PROJ. REFERENCE NO.	SHEET NO.
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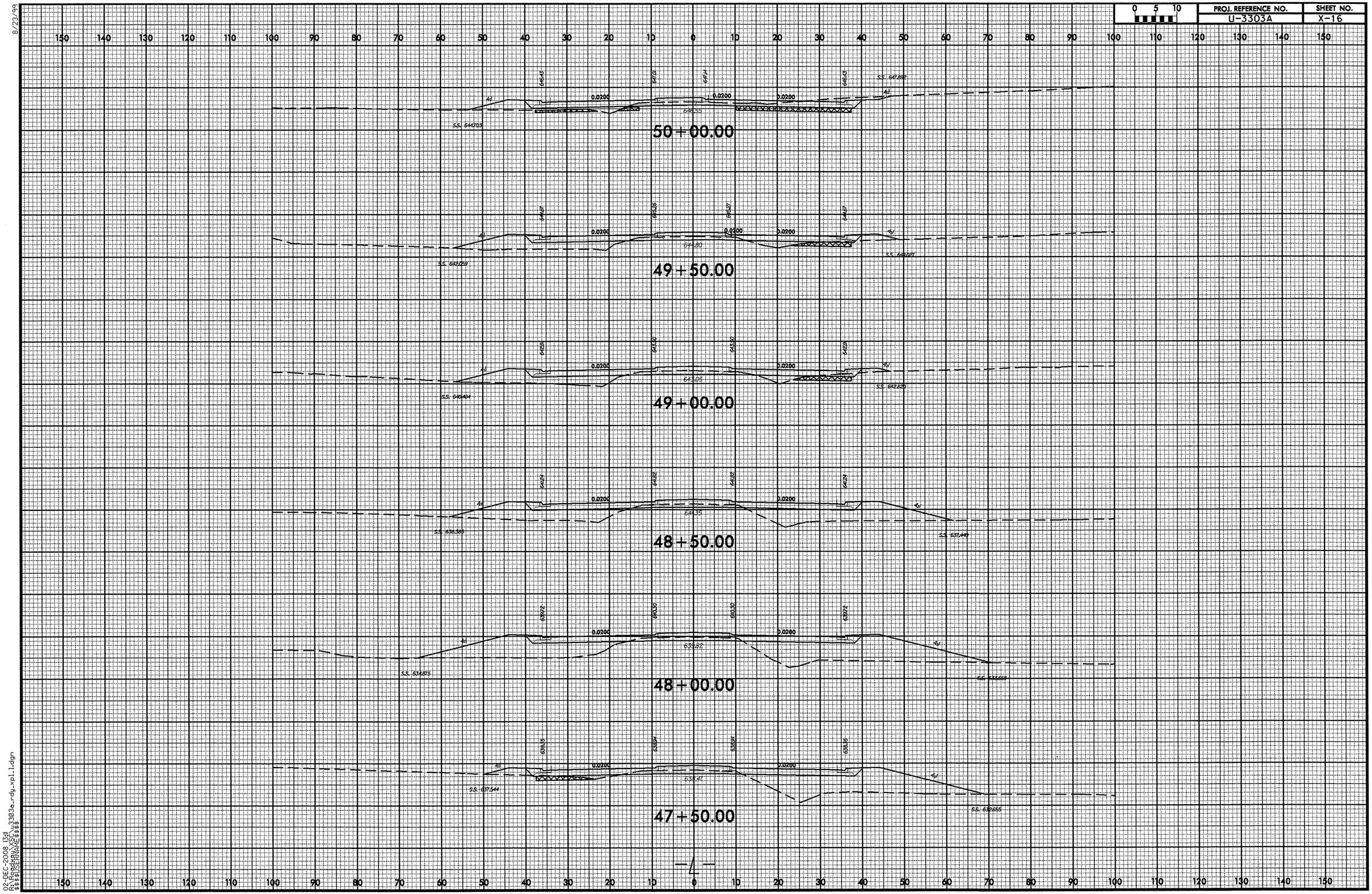

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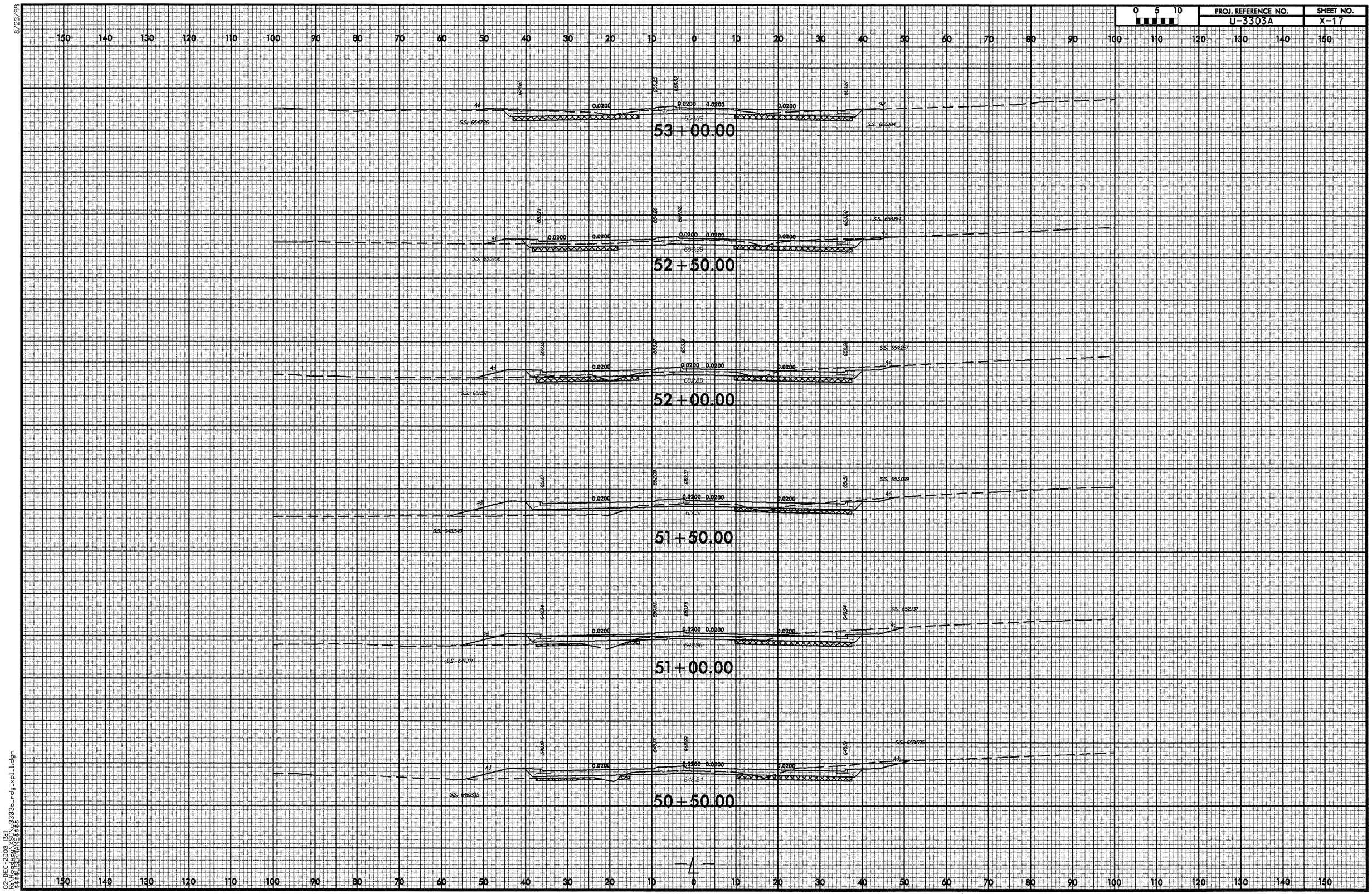

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PROJ. REFERENCE NO.	SHEET NO.
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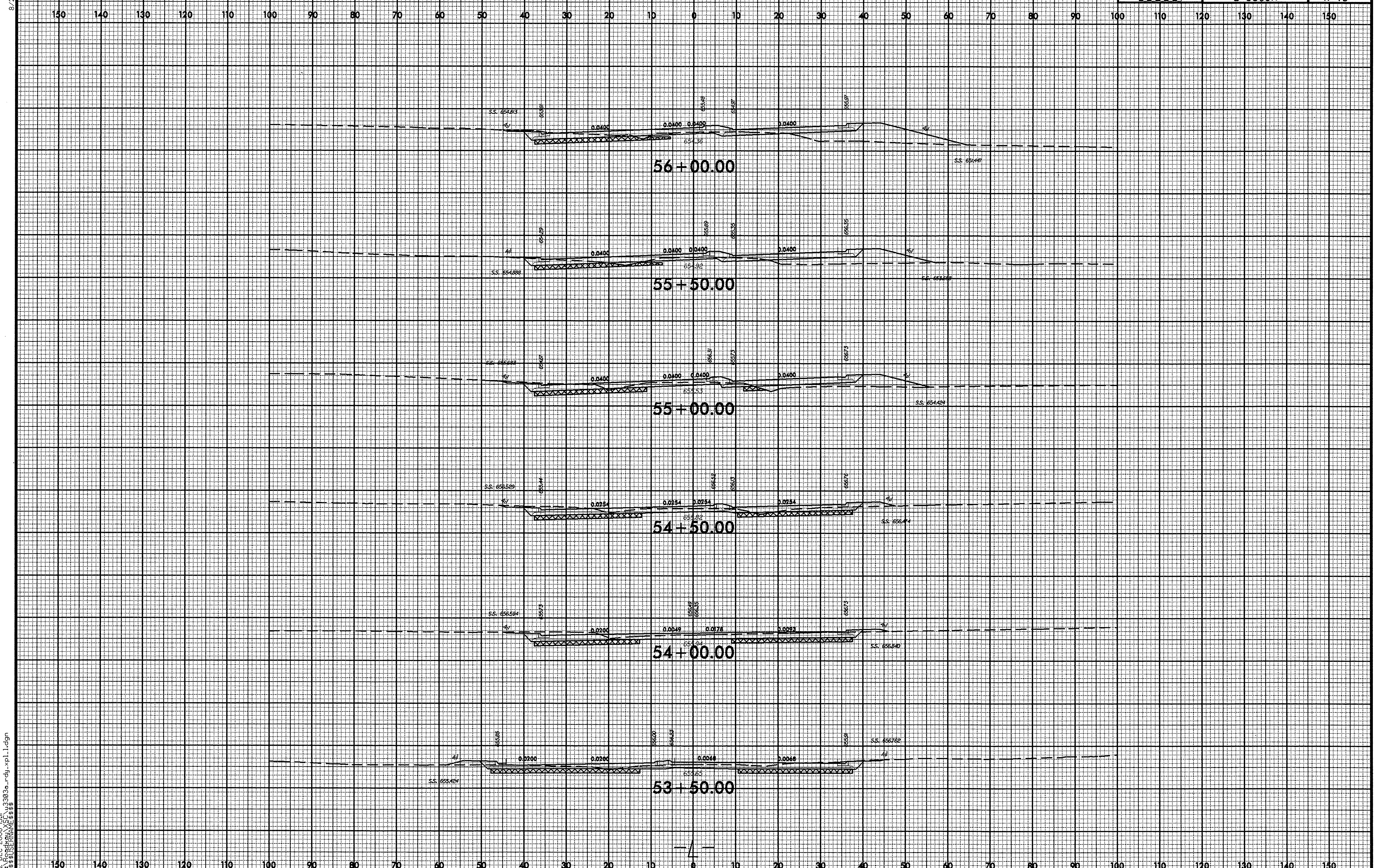

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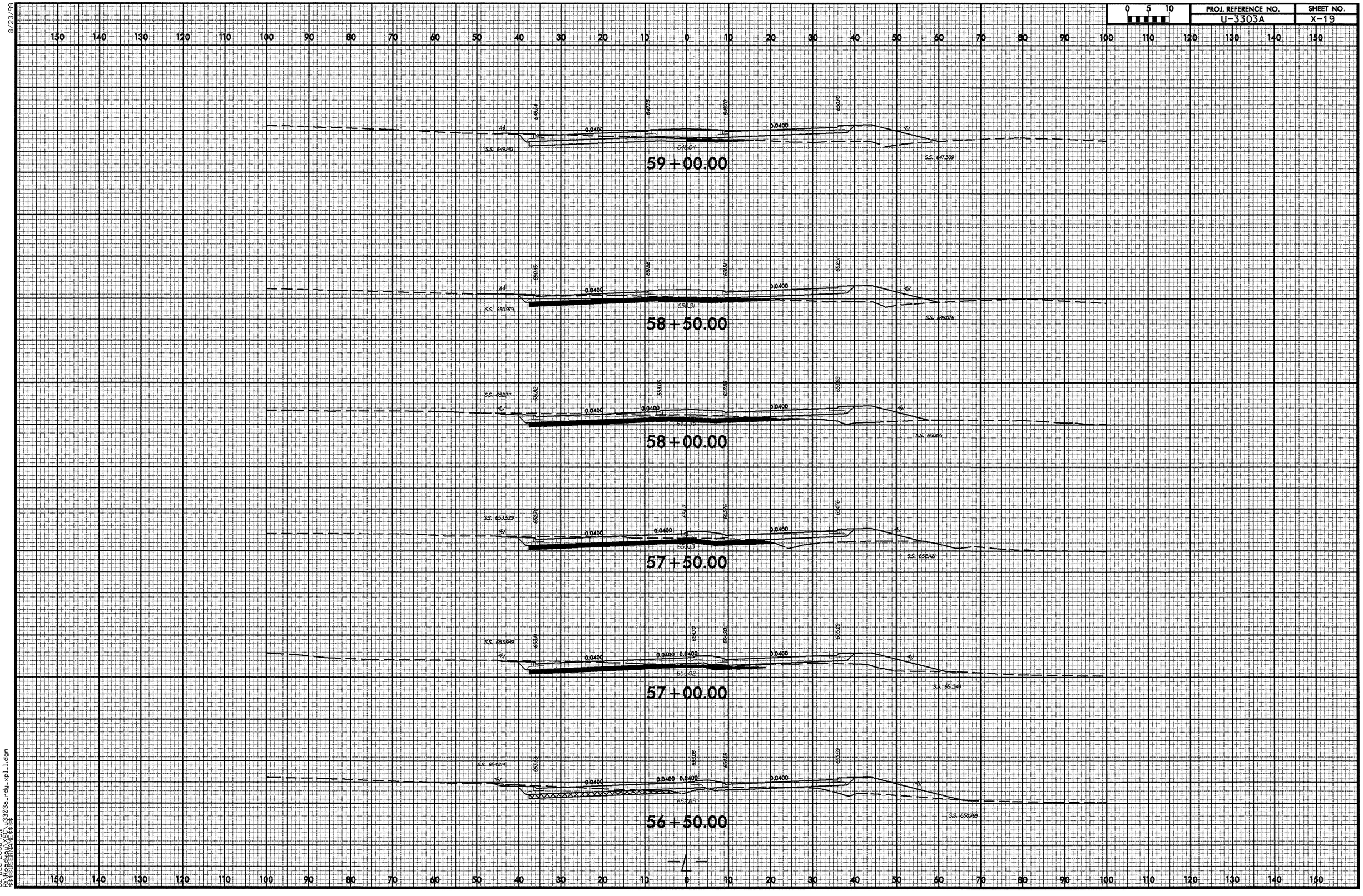

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
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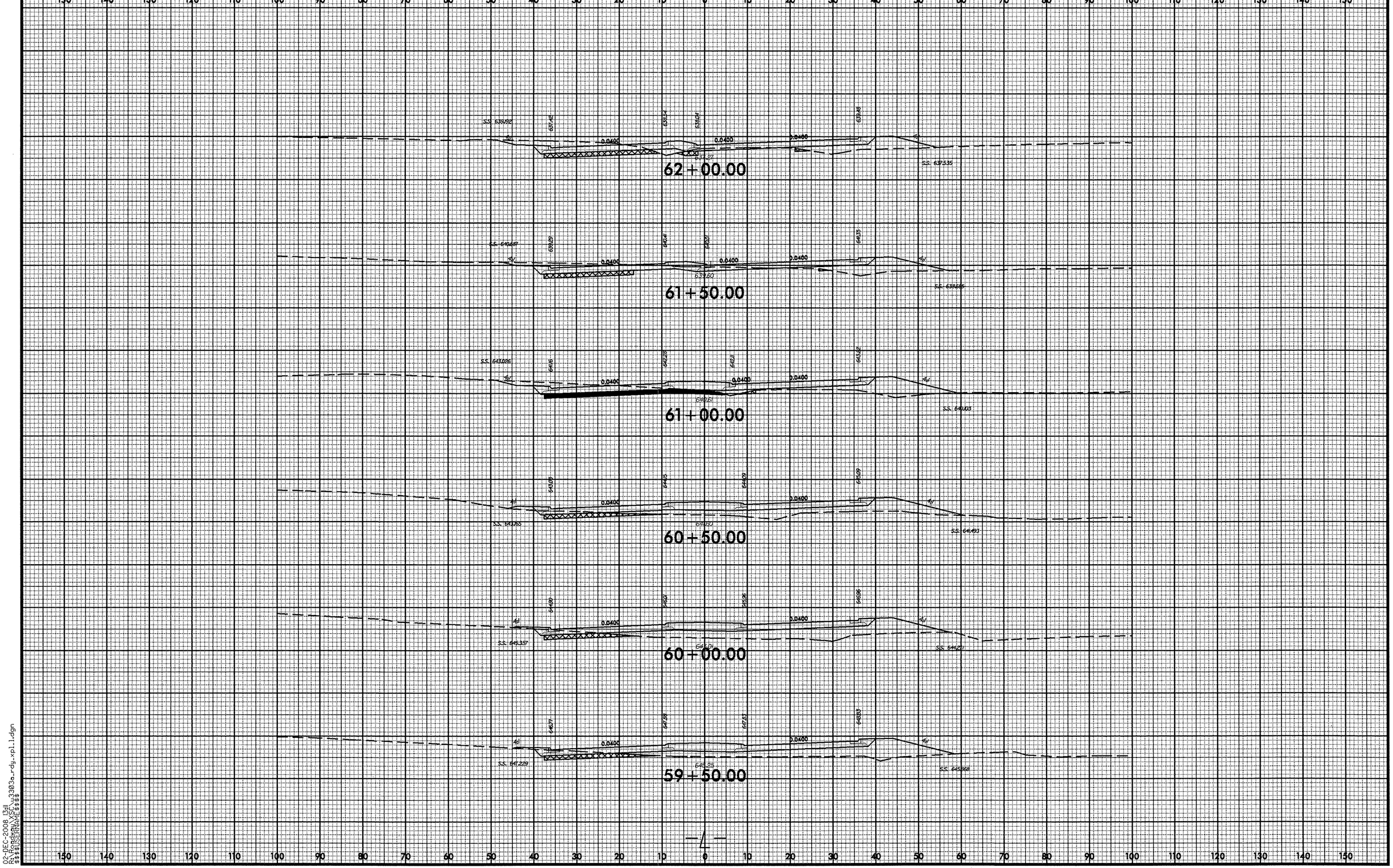

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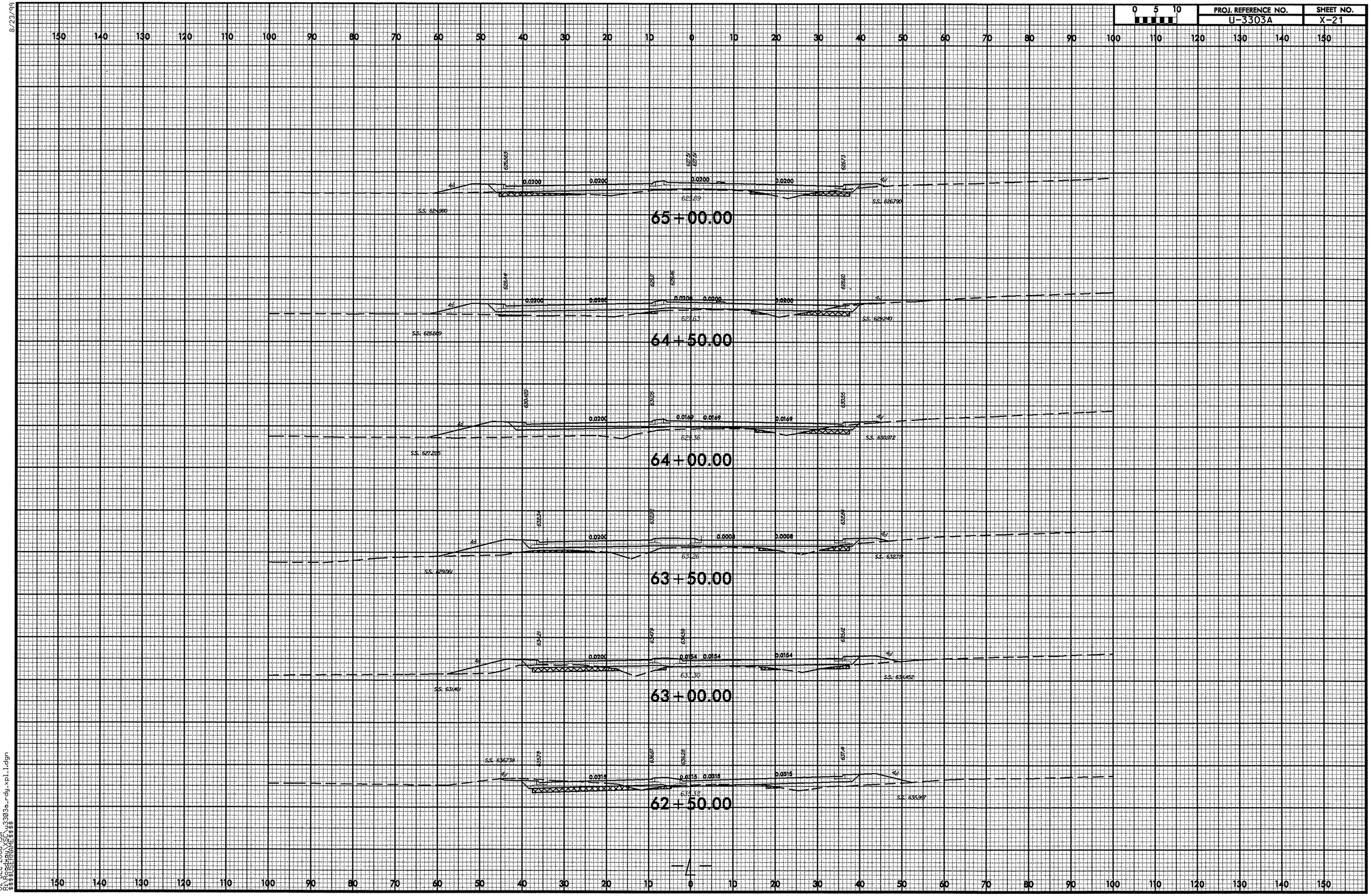

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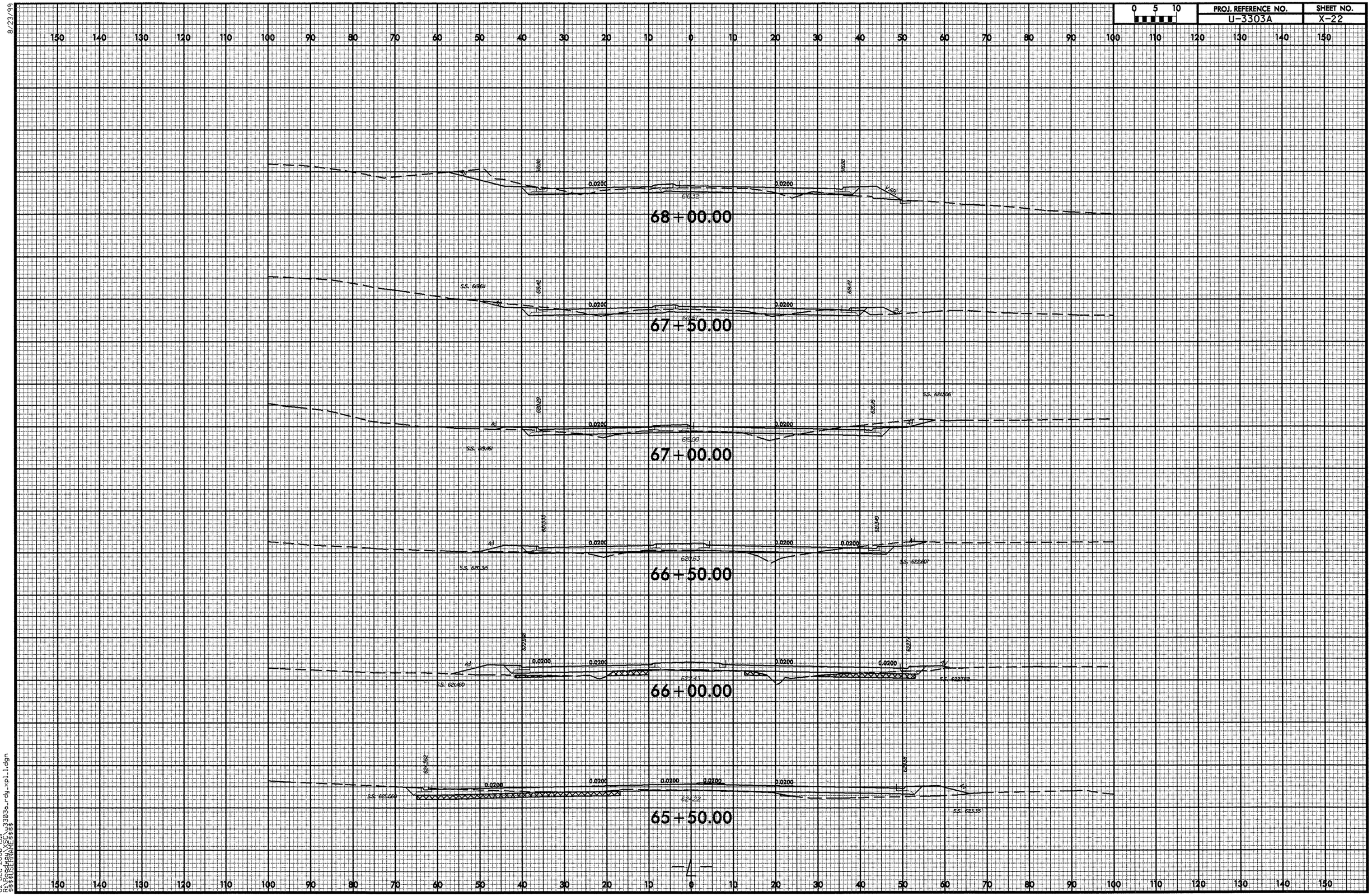

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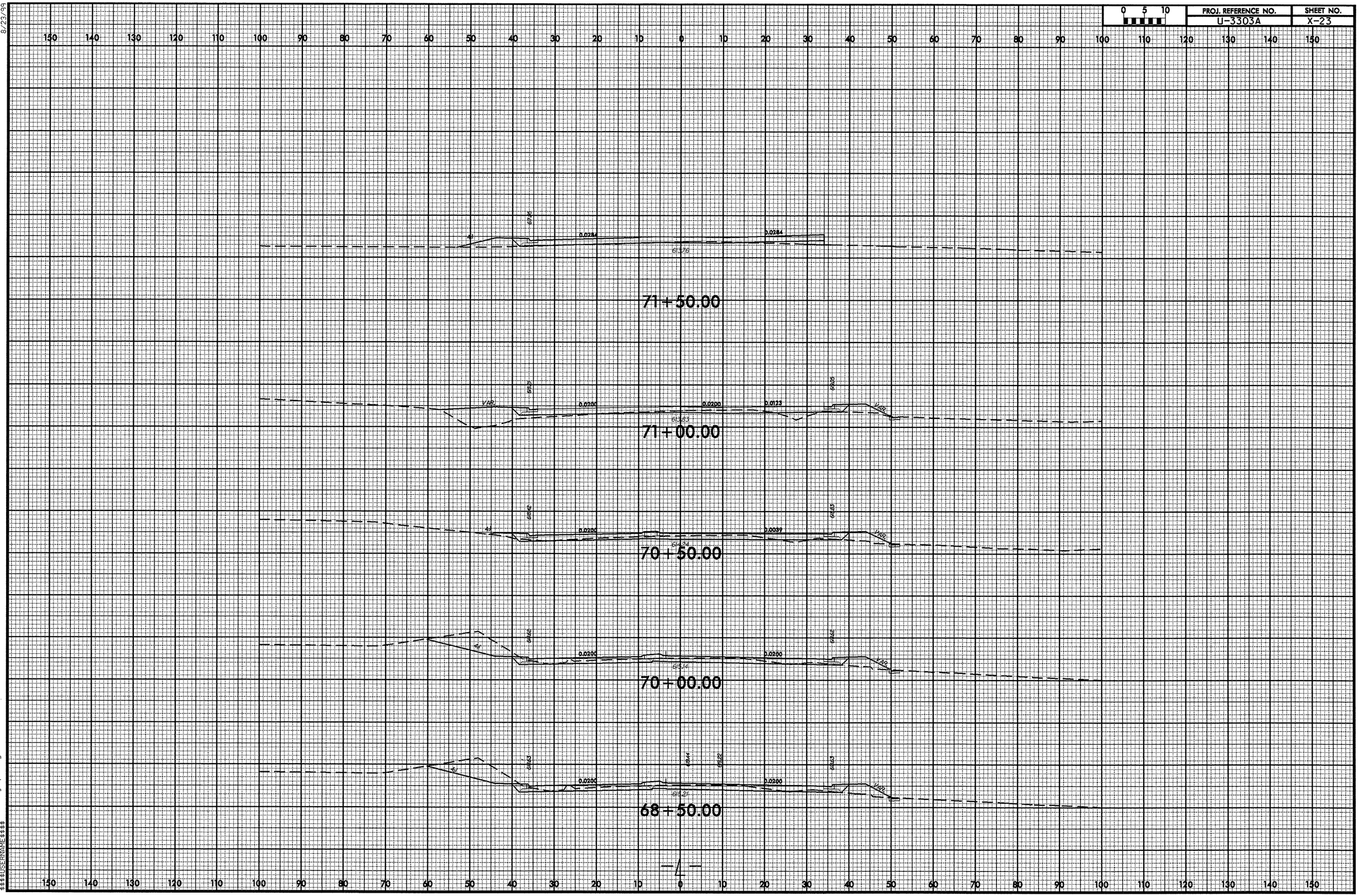

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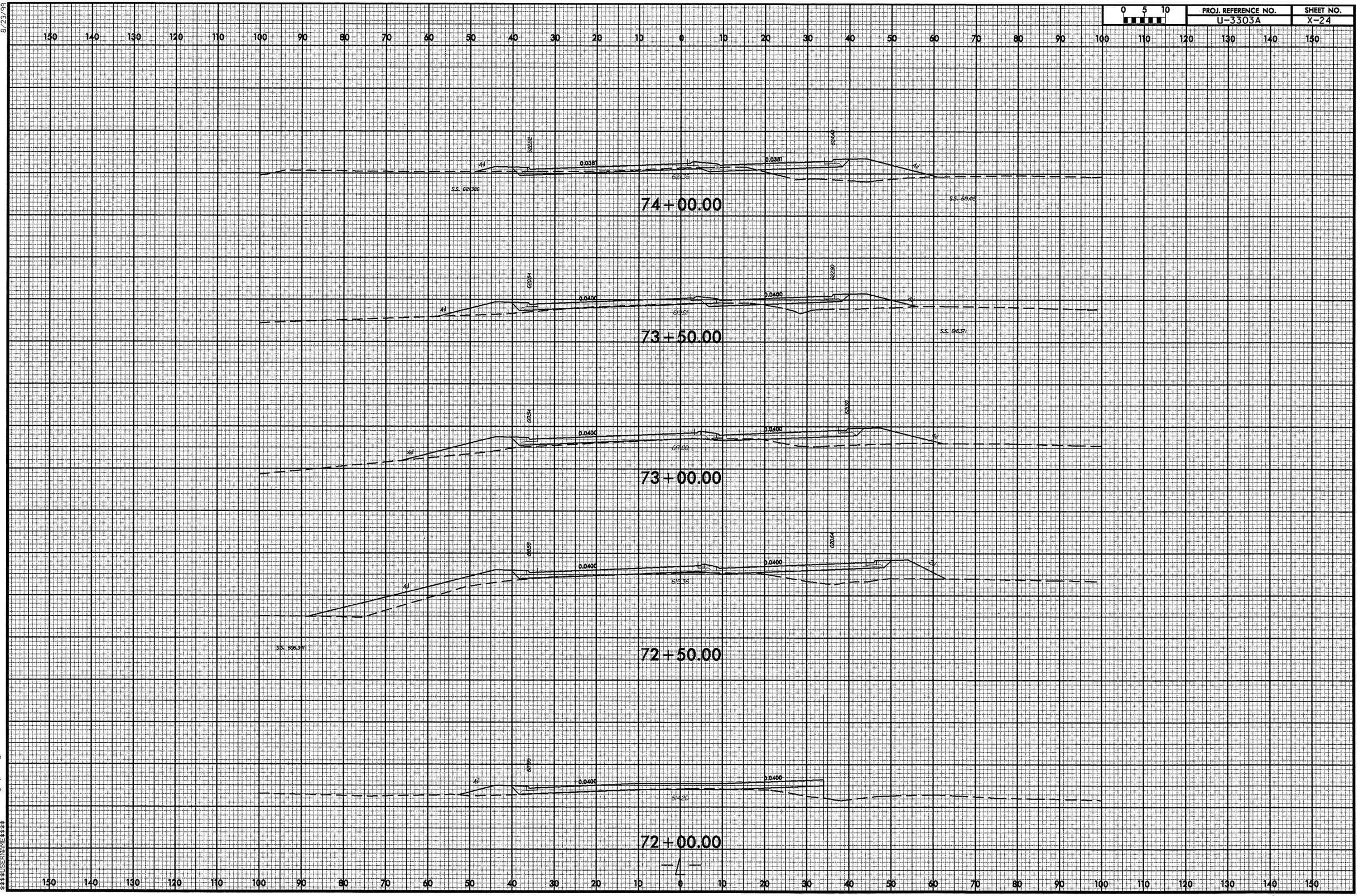

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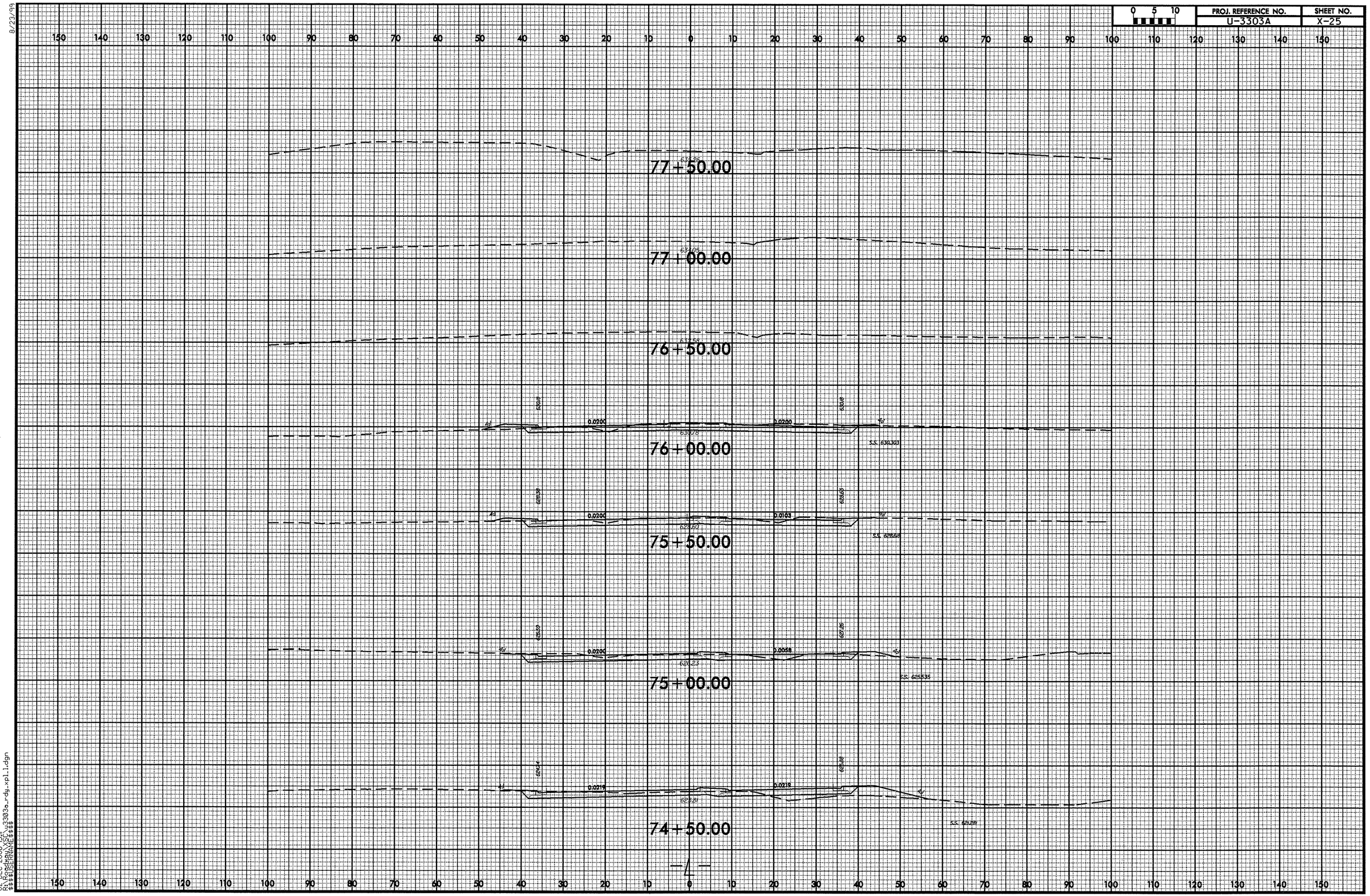

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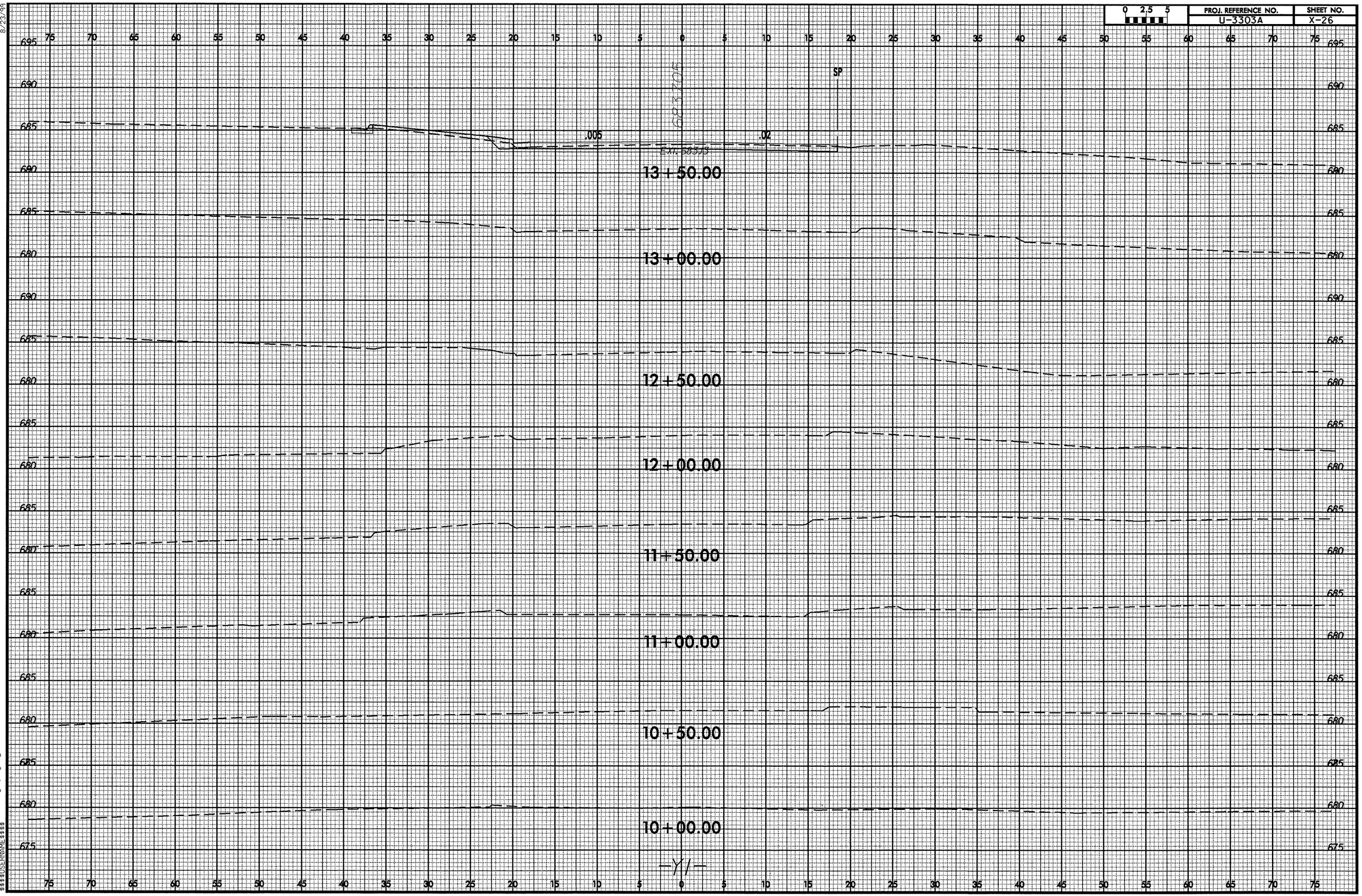

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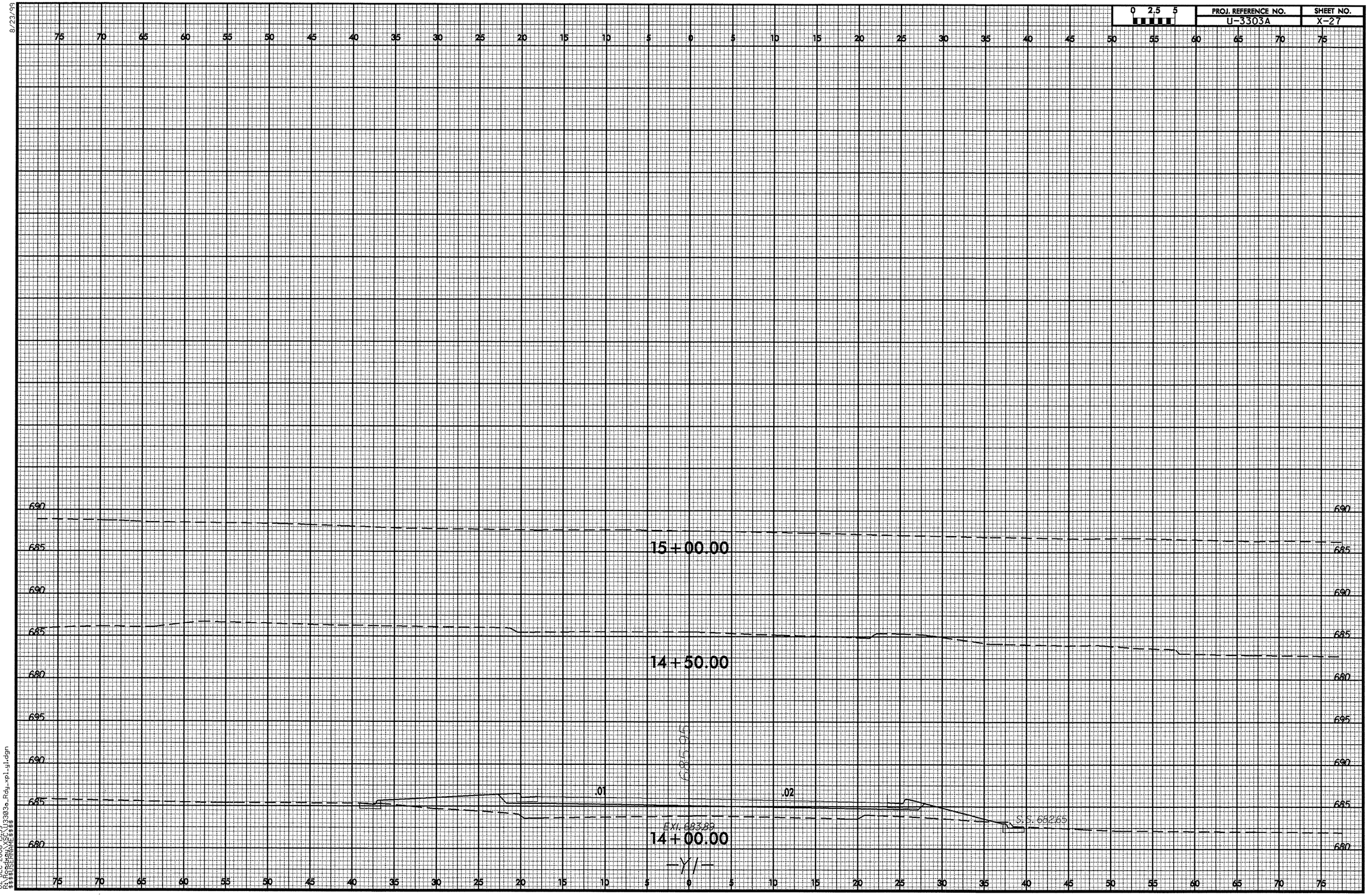

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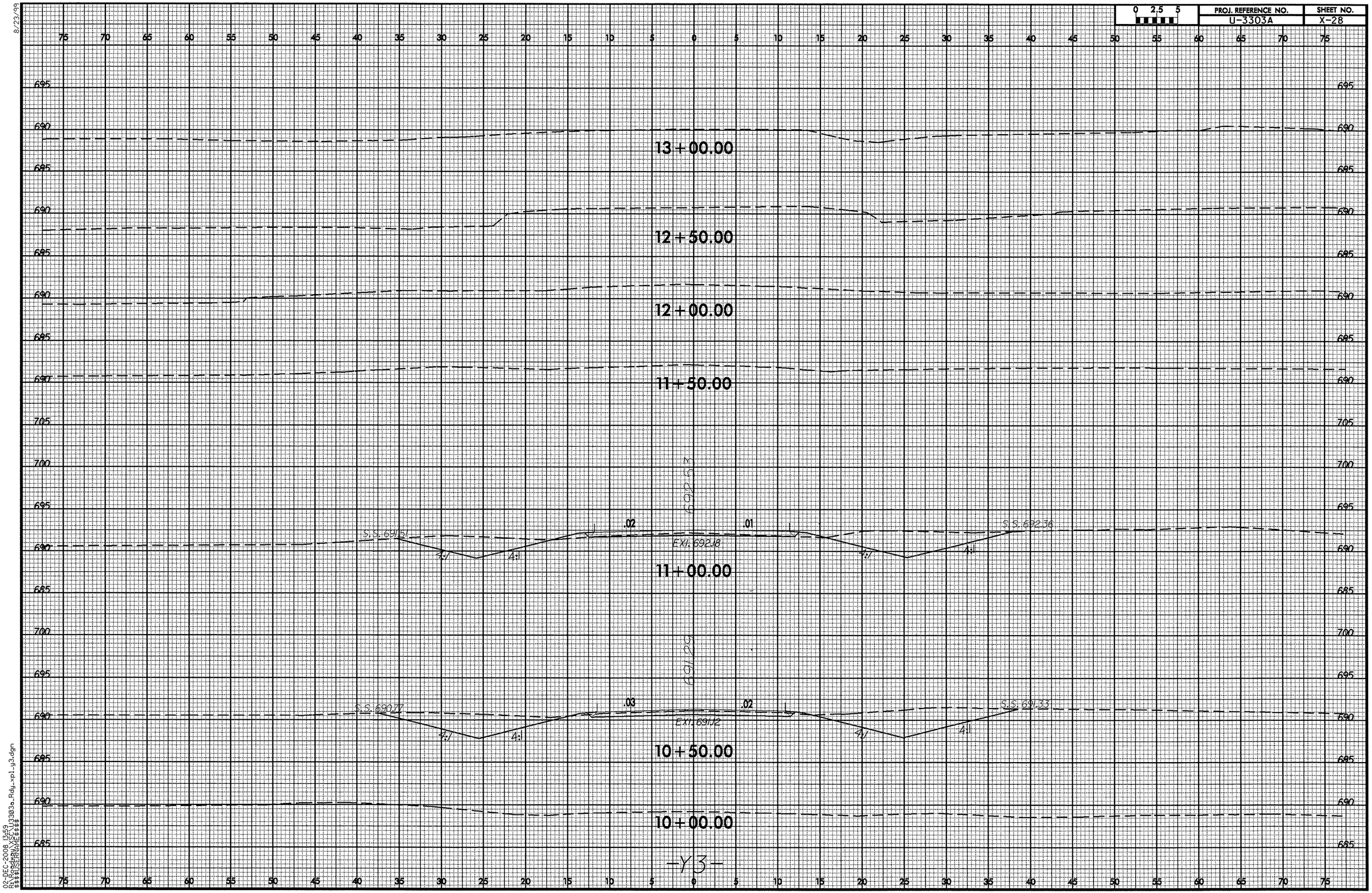

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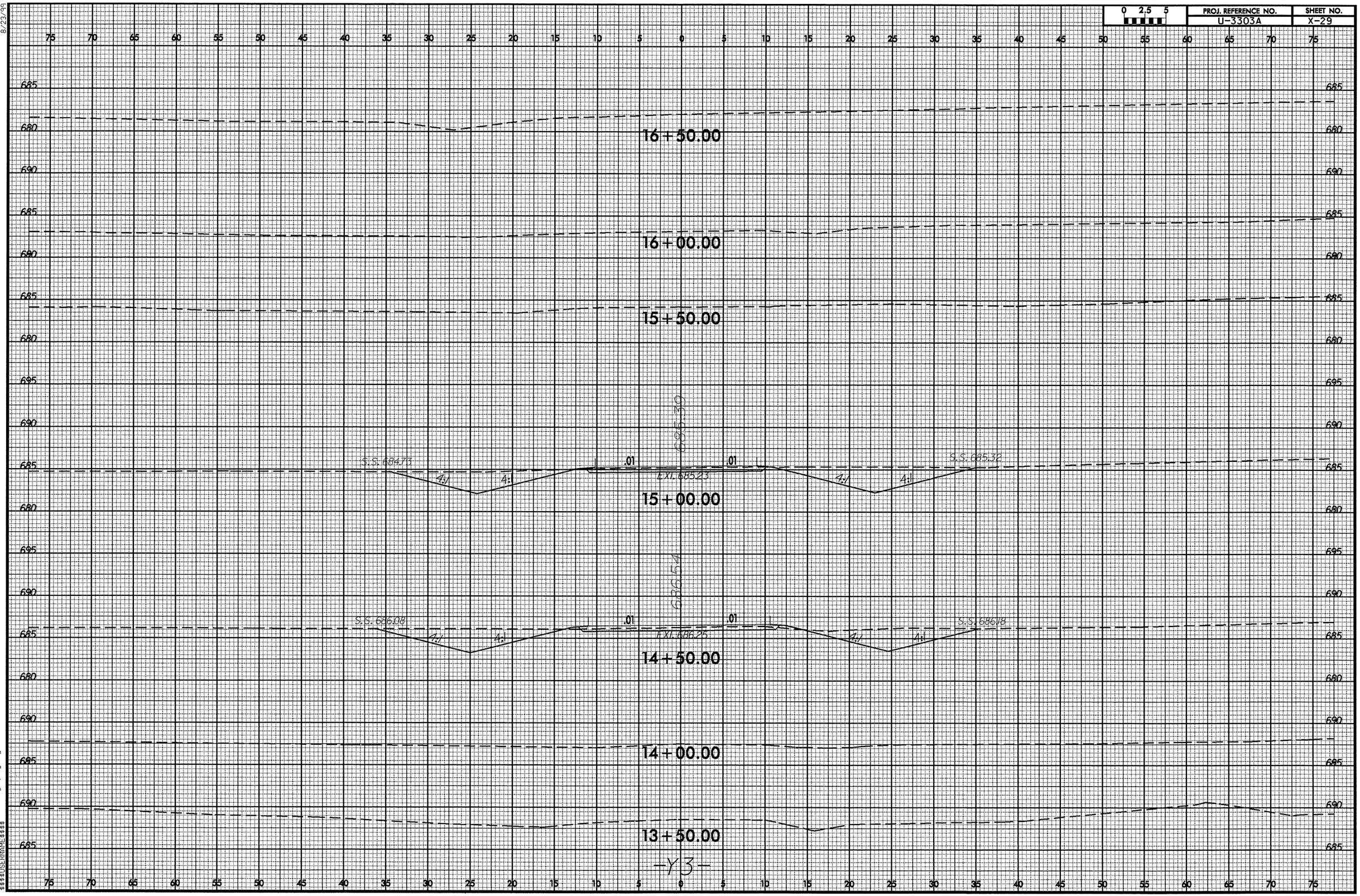
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U-3303A
SHEET NO.
X-29
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16+00.00
15+50.00
686.30
S.S. 684.73
.01
.01
S.S. 685.32
EXI. 685.23
4:1
4:1
4:1
4:1
15+00.00
686.54
S.S. 686.08
.01
.01
S.S. 686.18
EXI. 686.25
4:1
4:1
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4:1
14+50.00
14+00.00
13+50.00
-Y3-
8/23/99
02-DEC-2008 13:59
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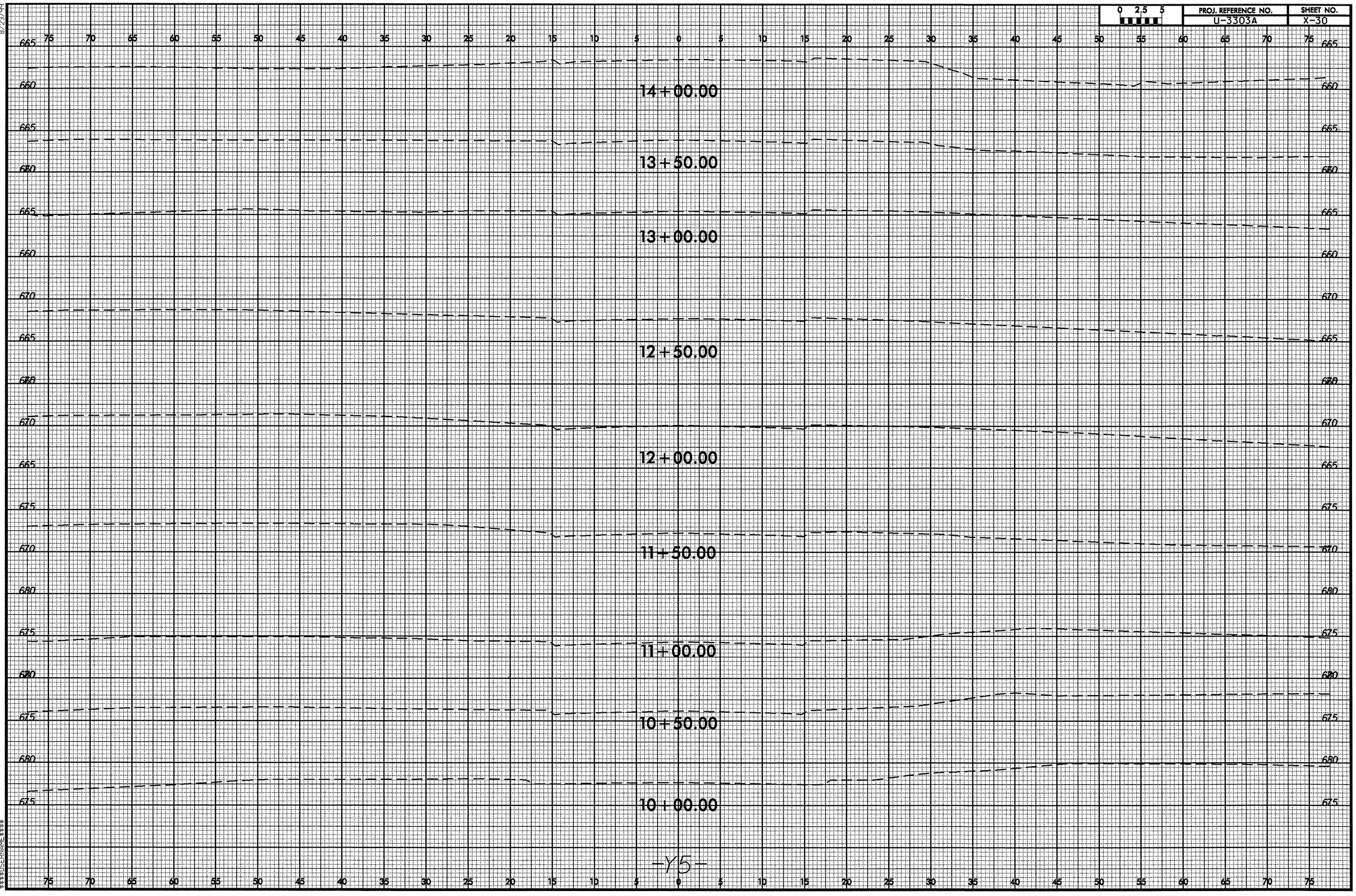

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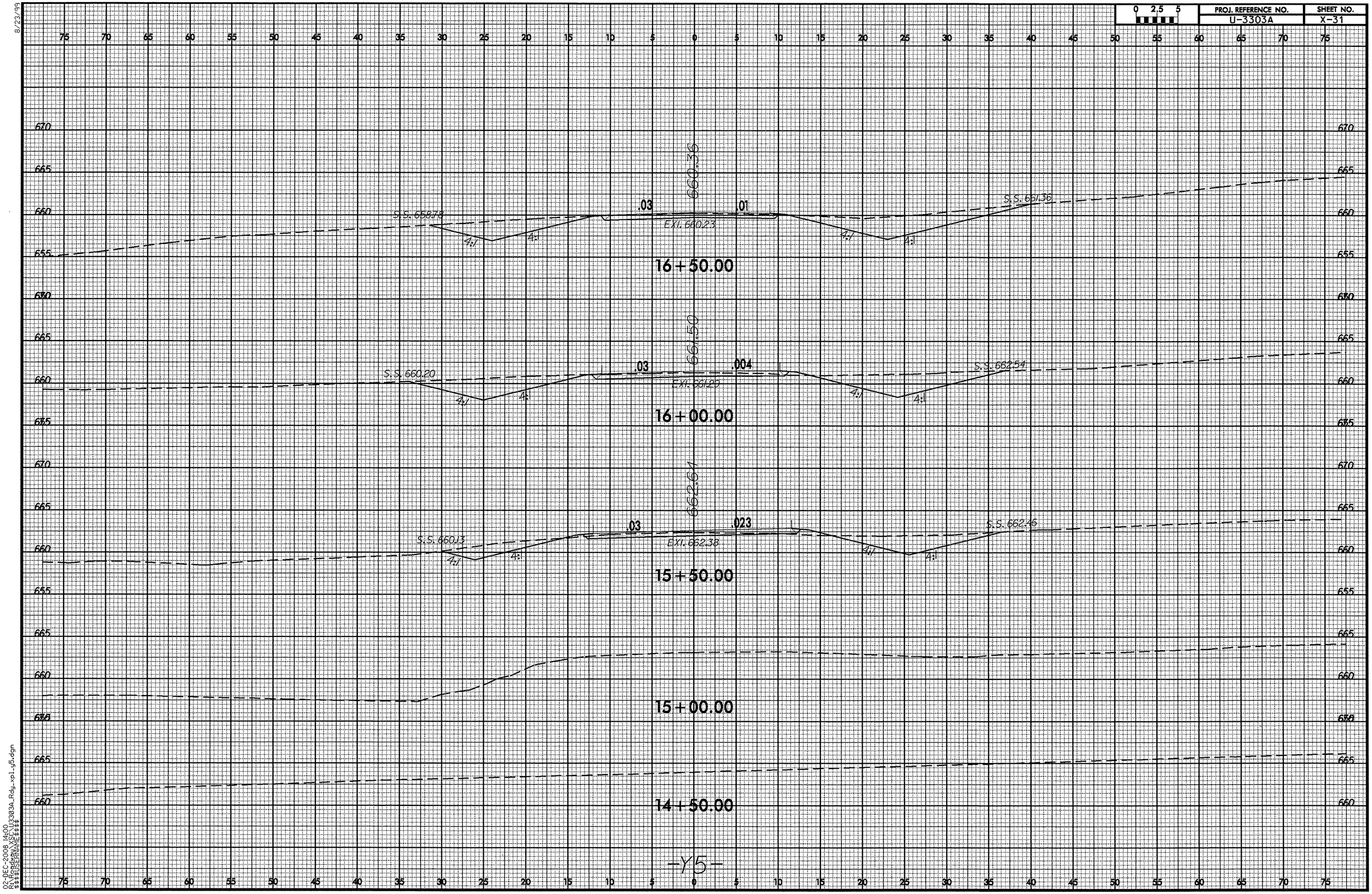

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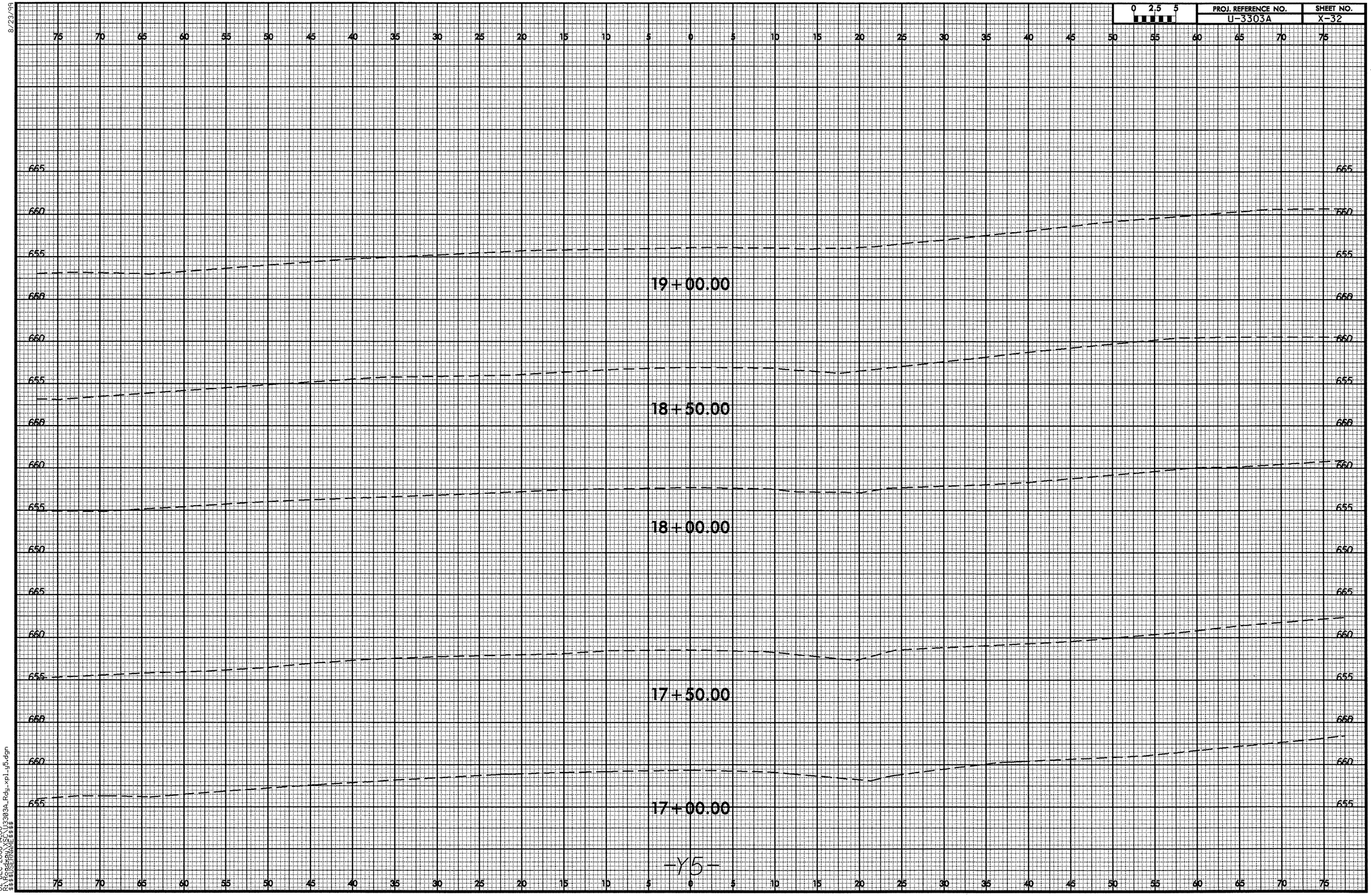

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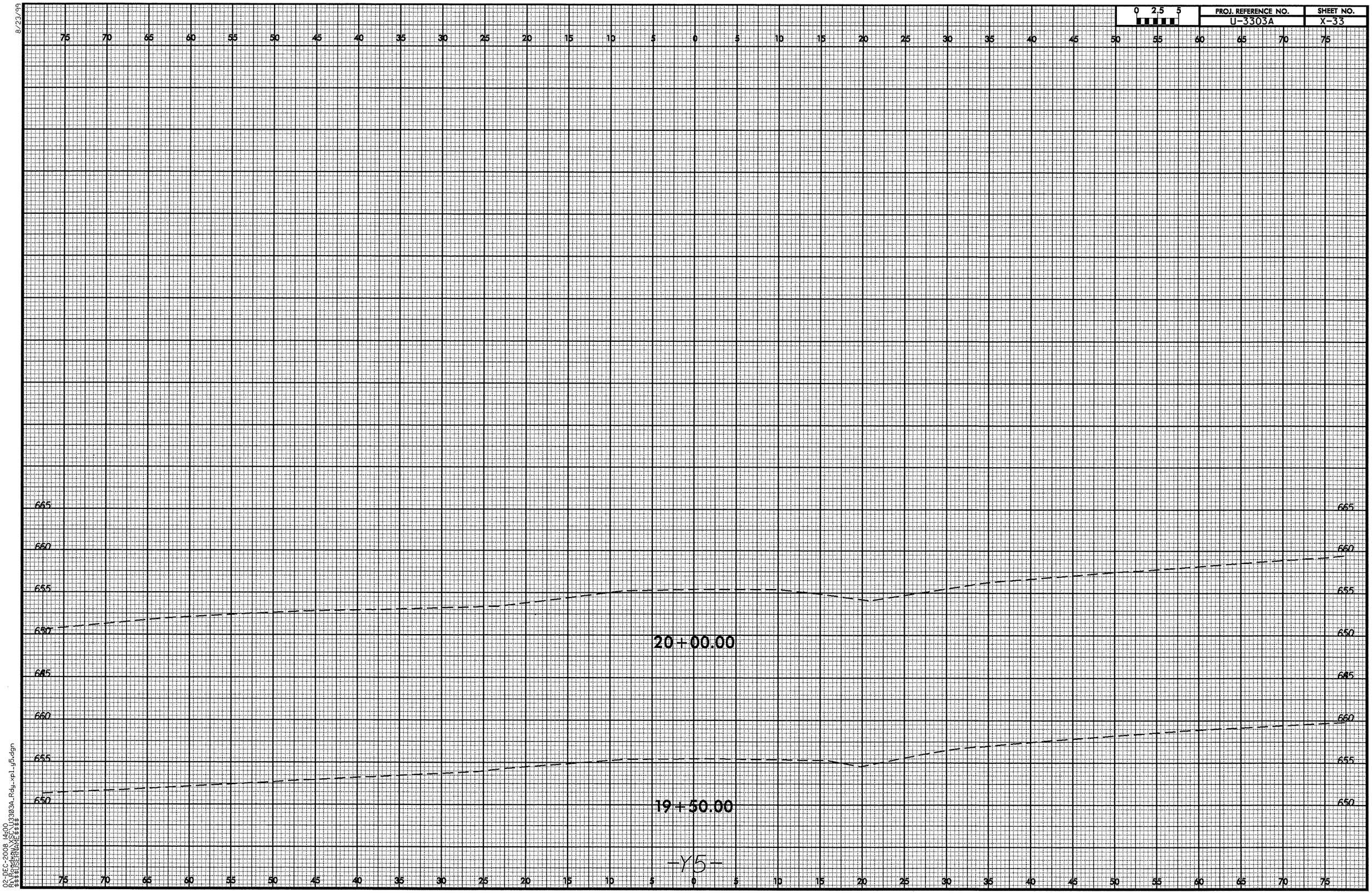

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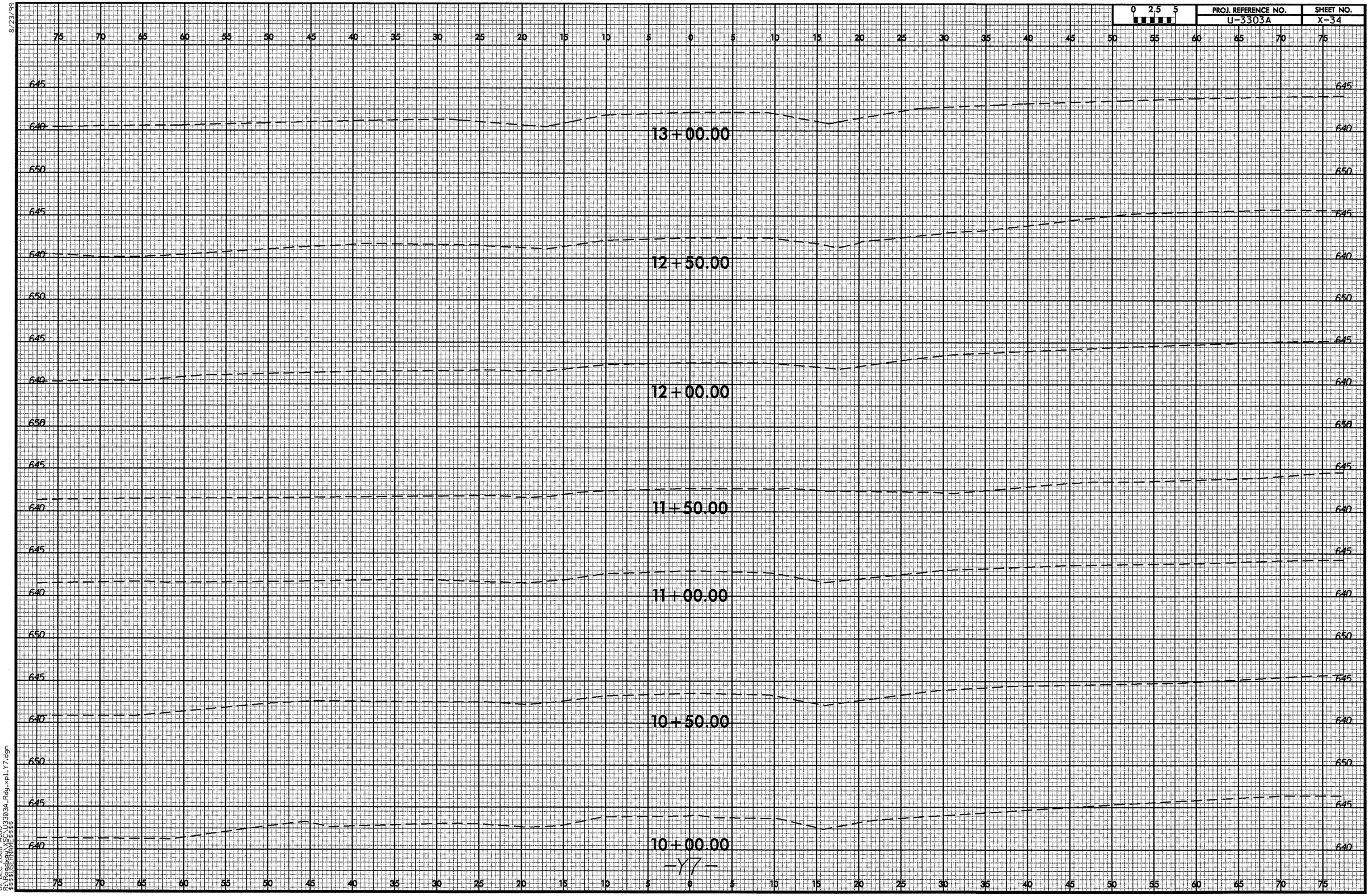

8/23/99

02-DEC-2008 14:00
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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
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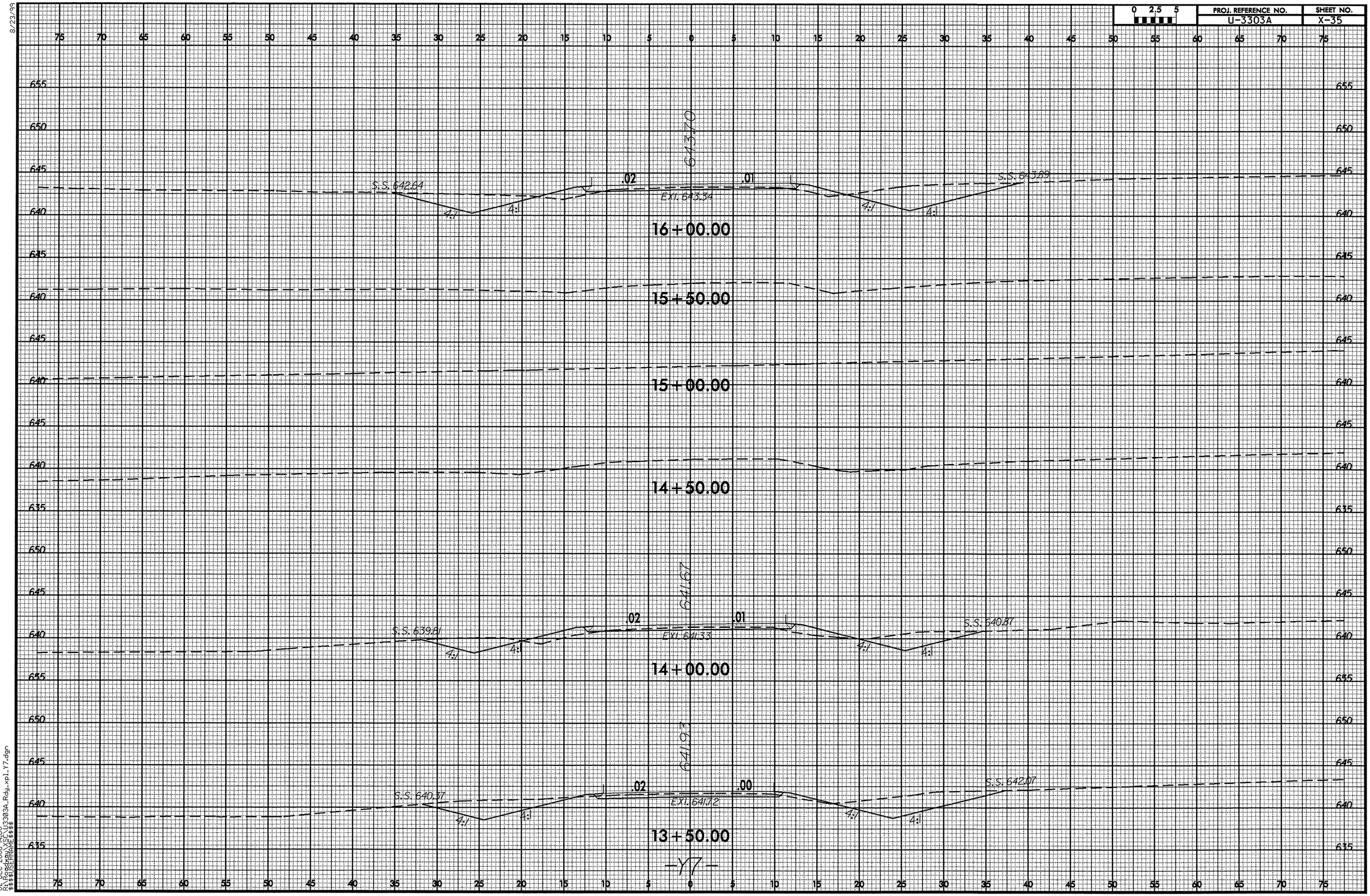

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
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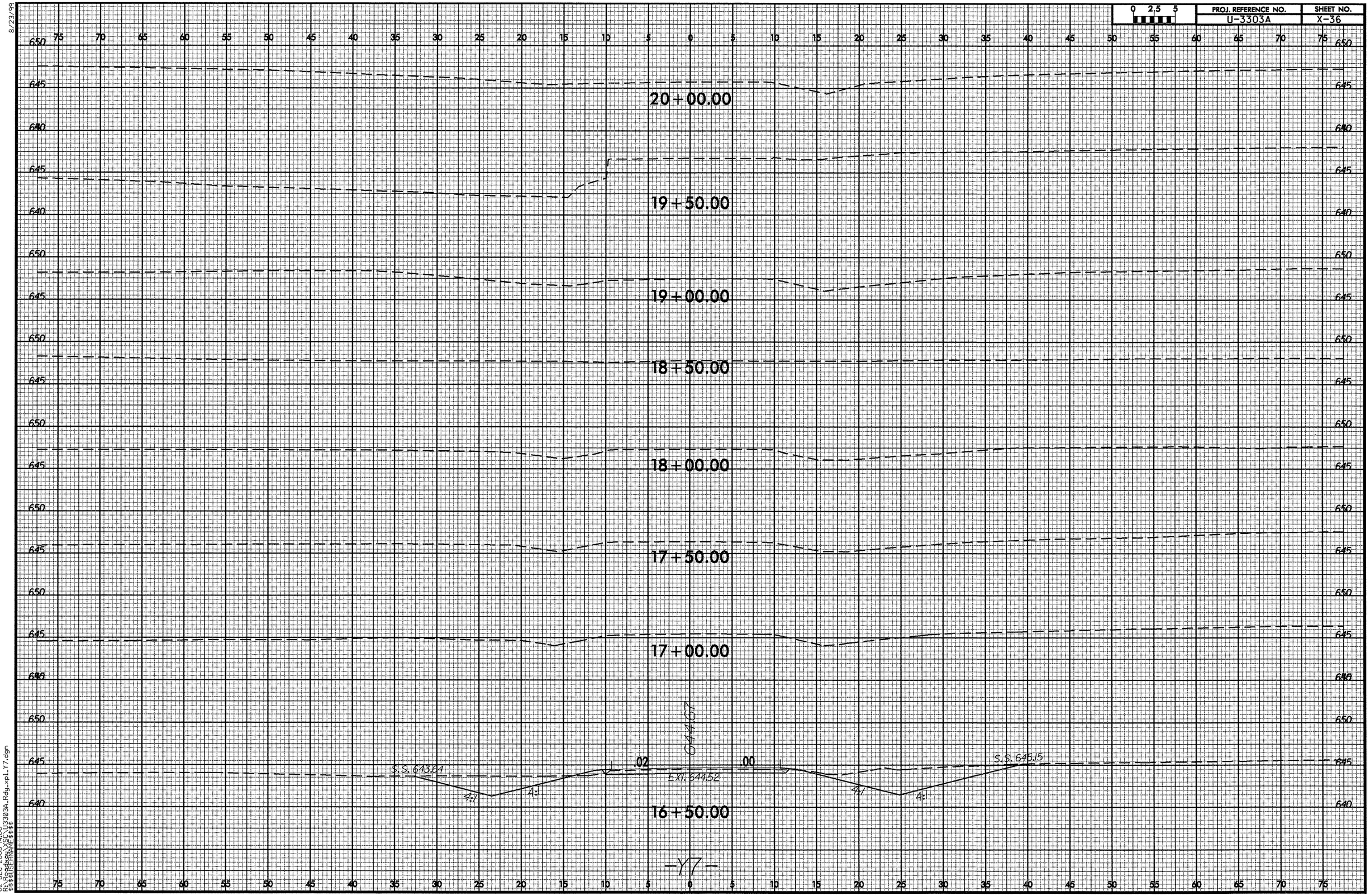

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
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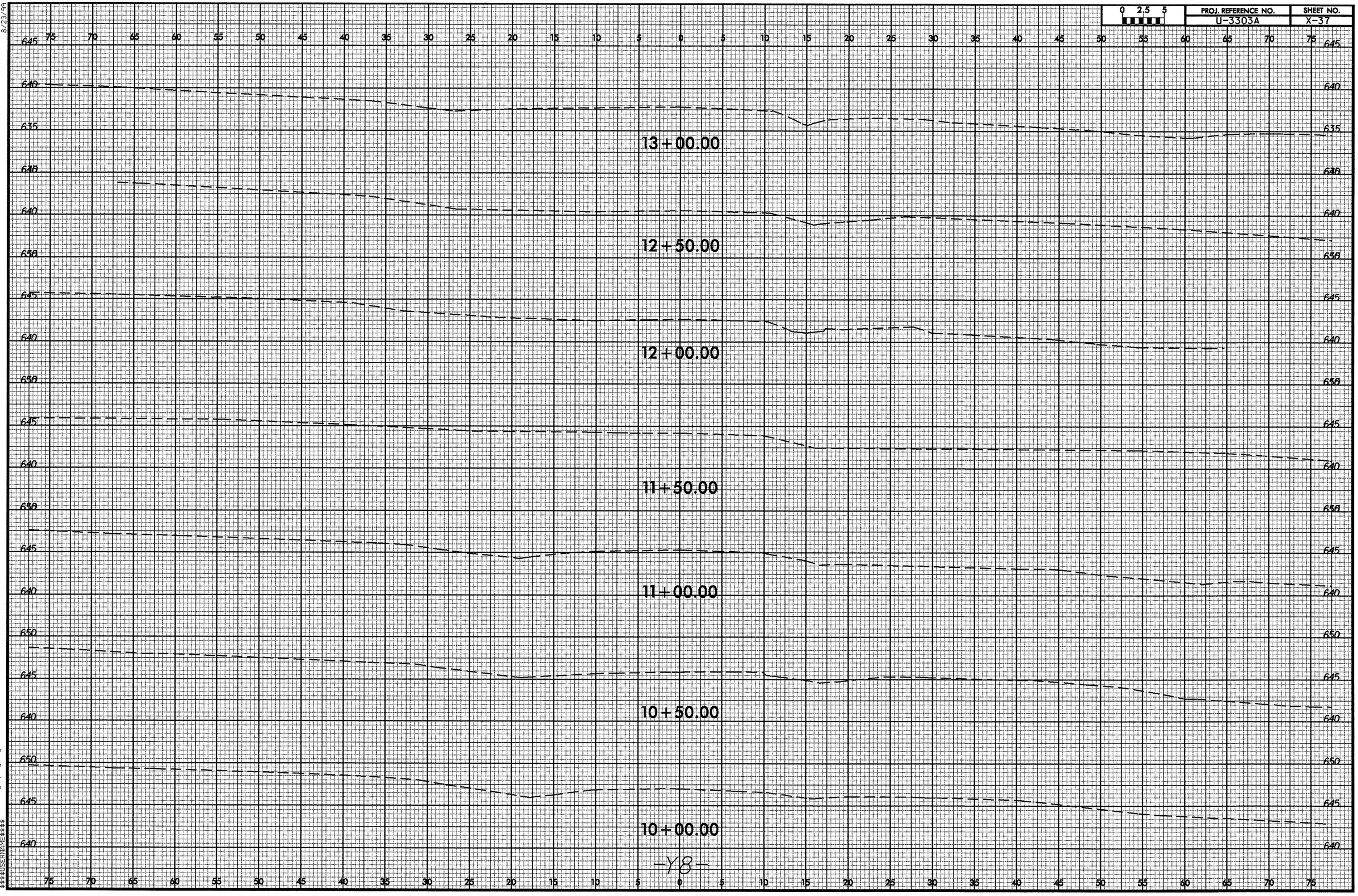

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8/23/99

02-DEC-2008 14:00
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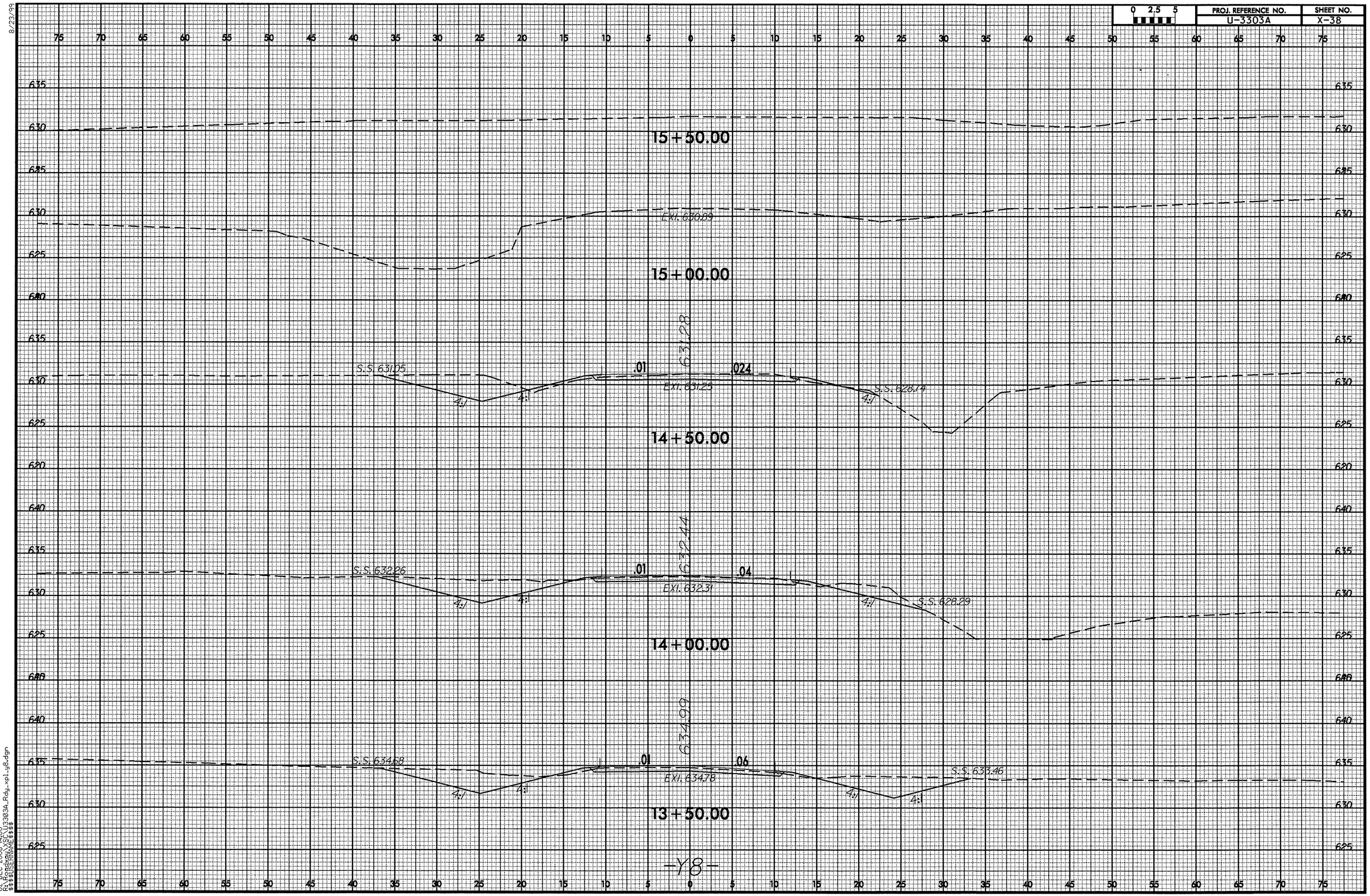

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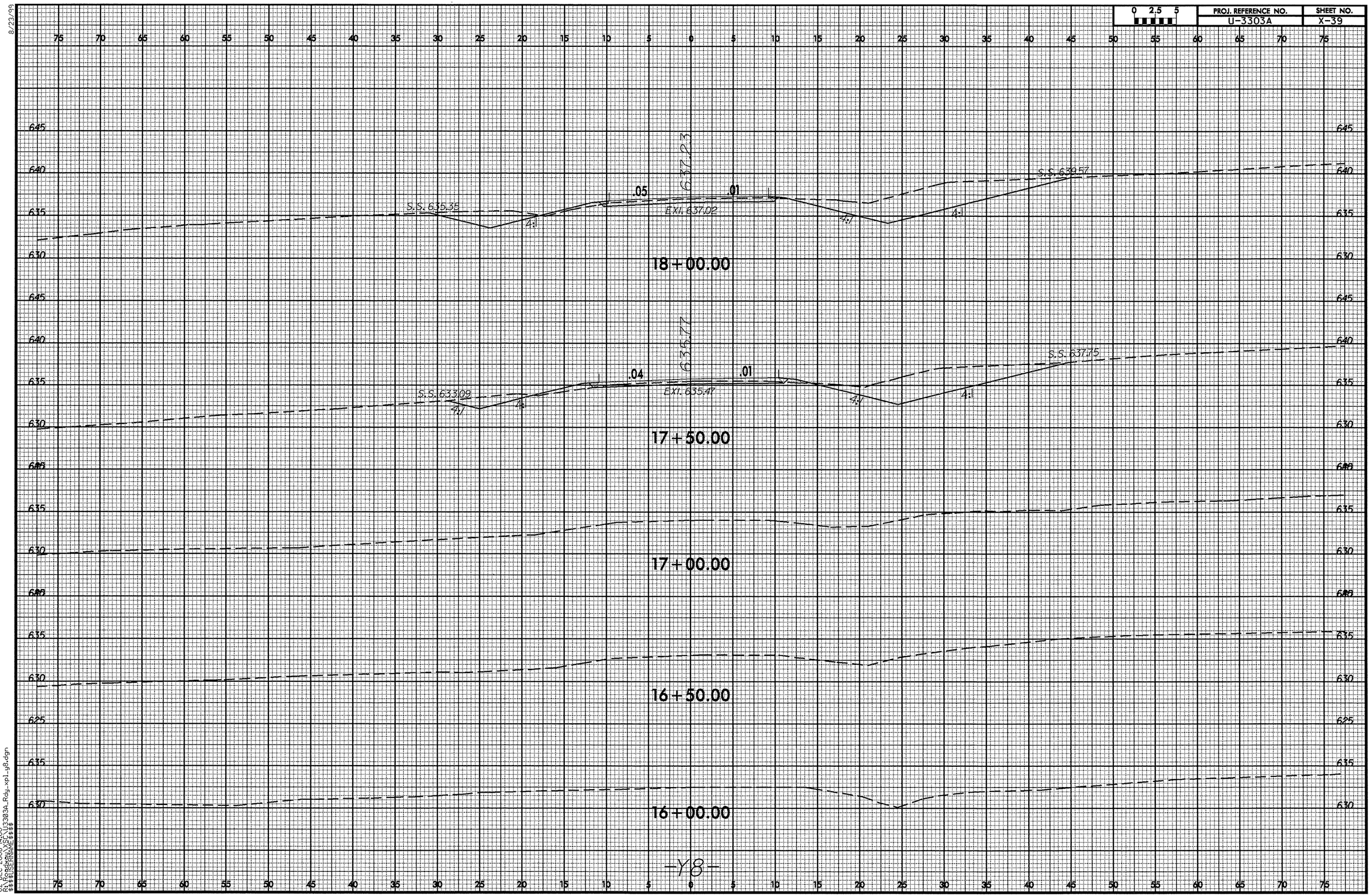

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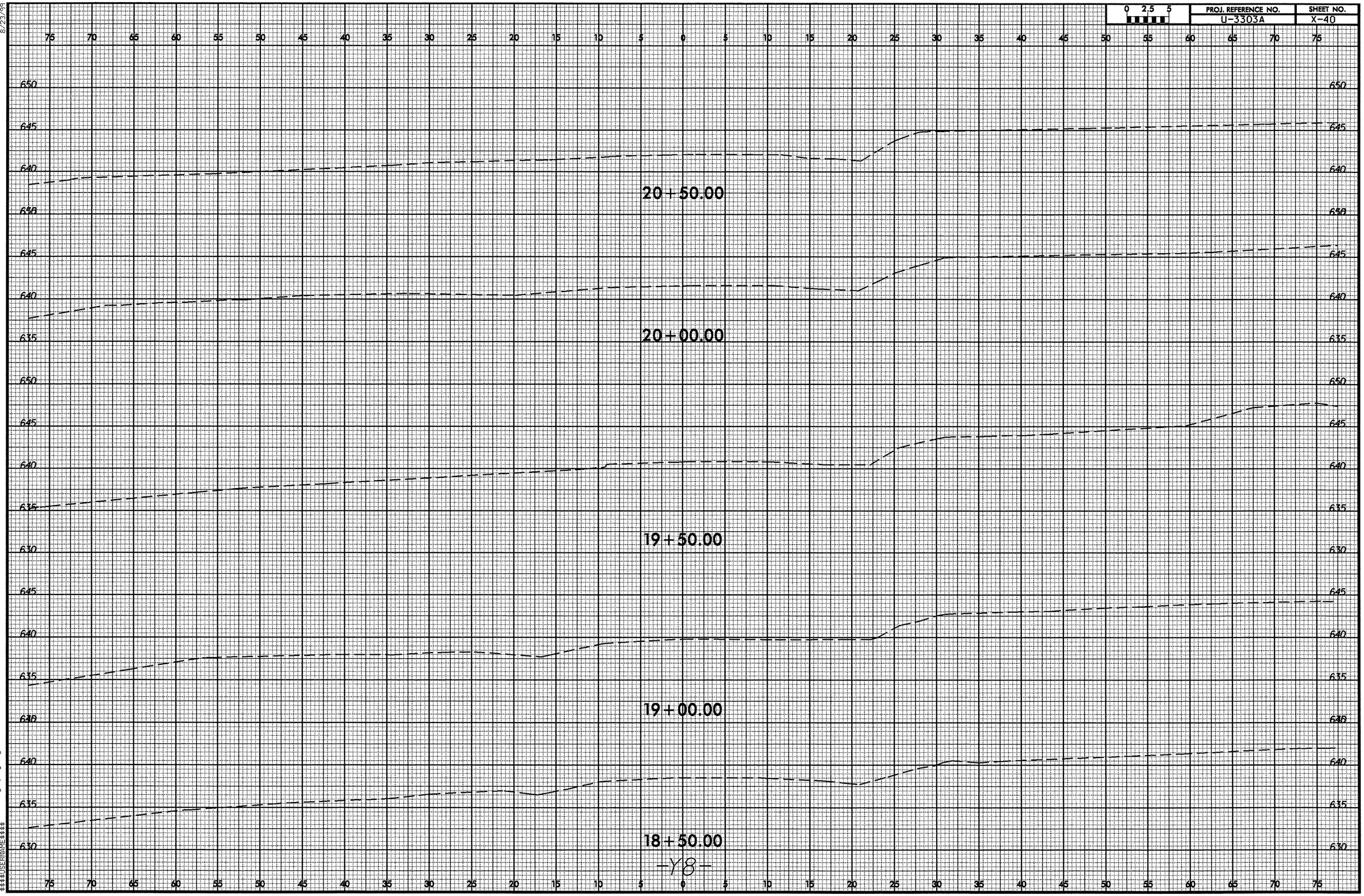

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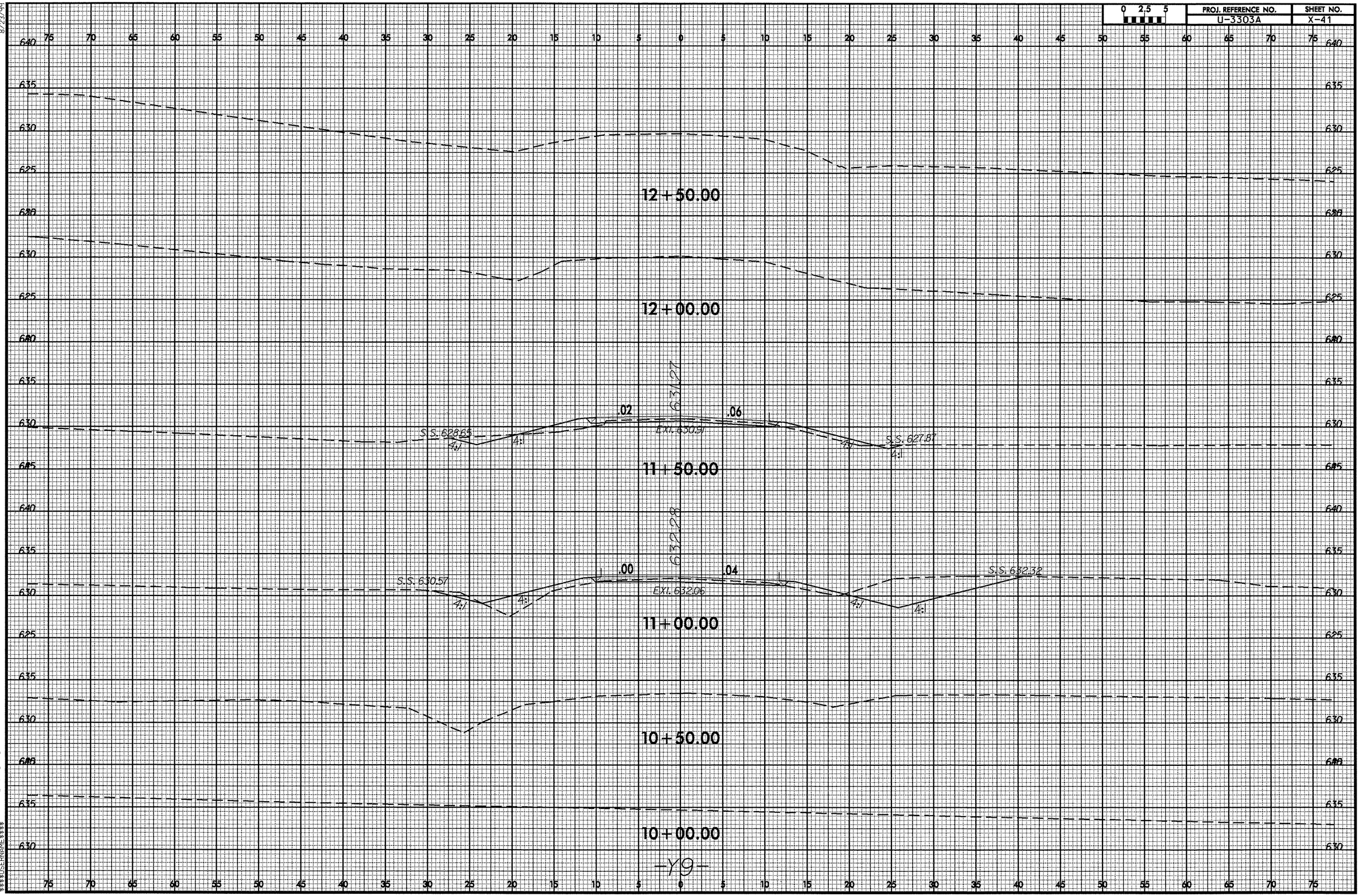

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02-DEC-2008 14:00
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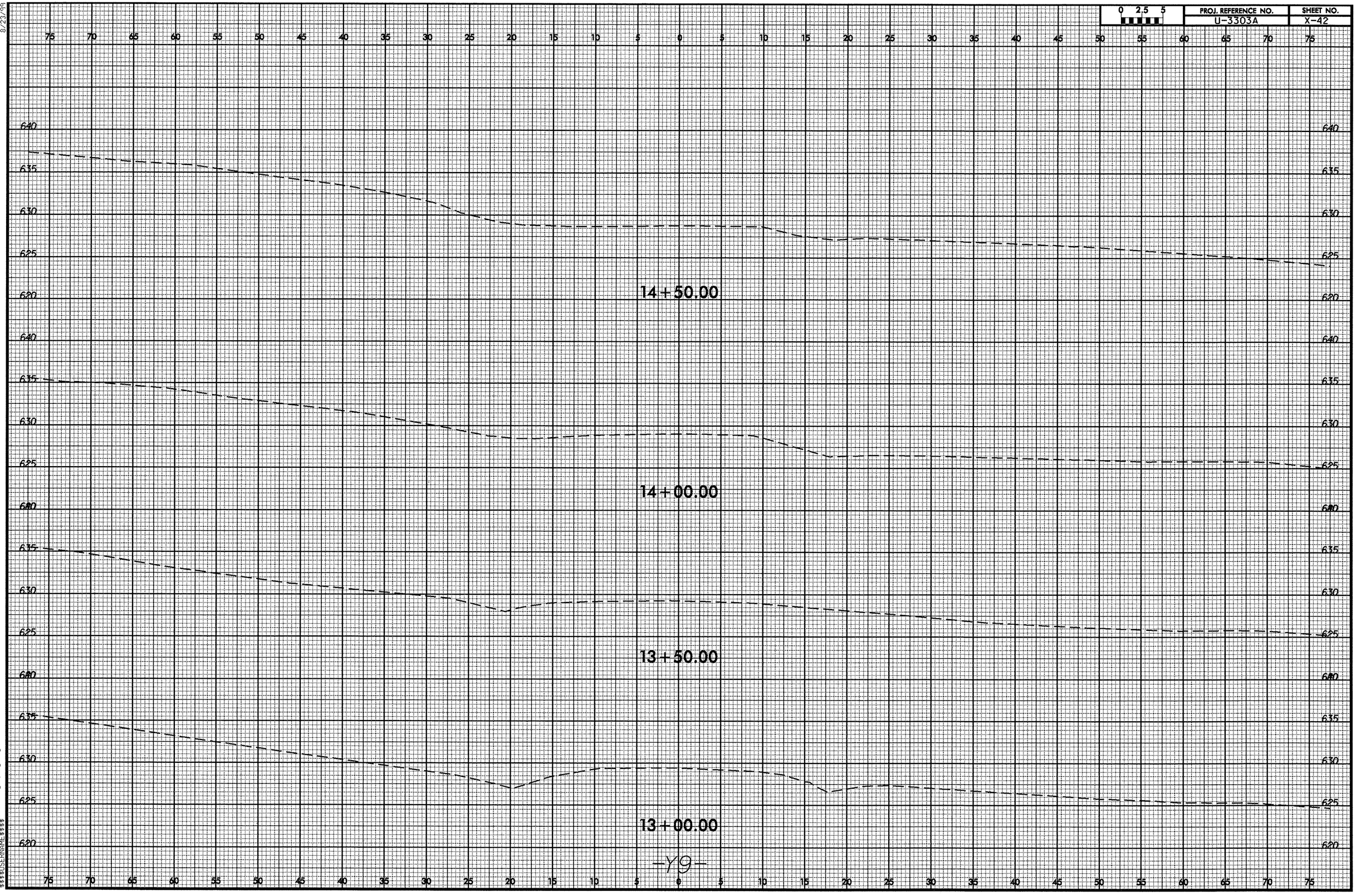

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02-DEC-2008 14:00
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8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
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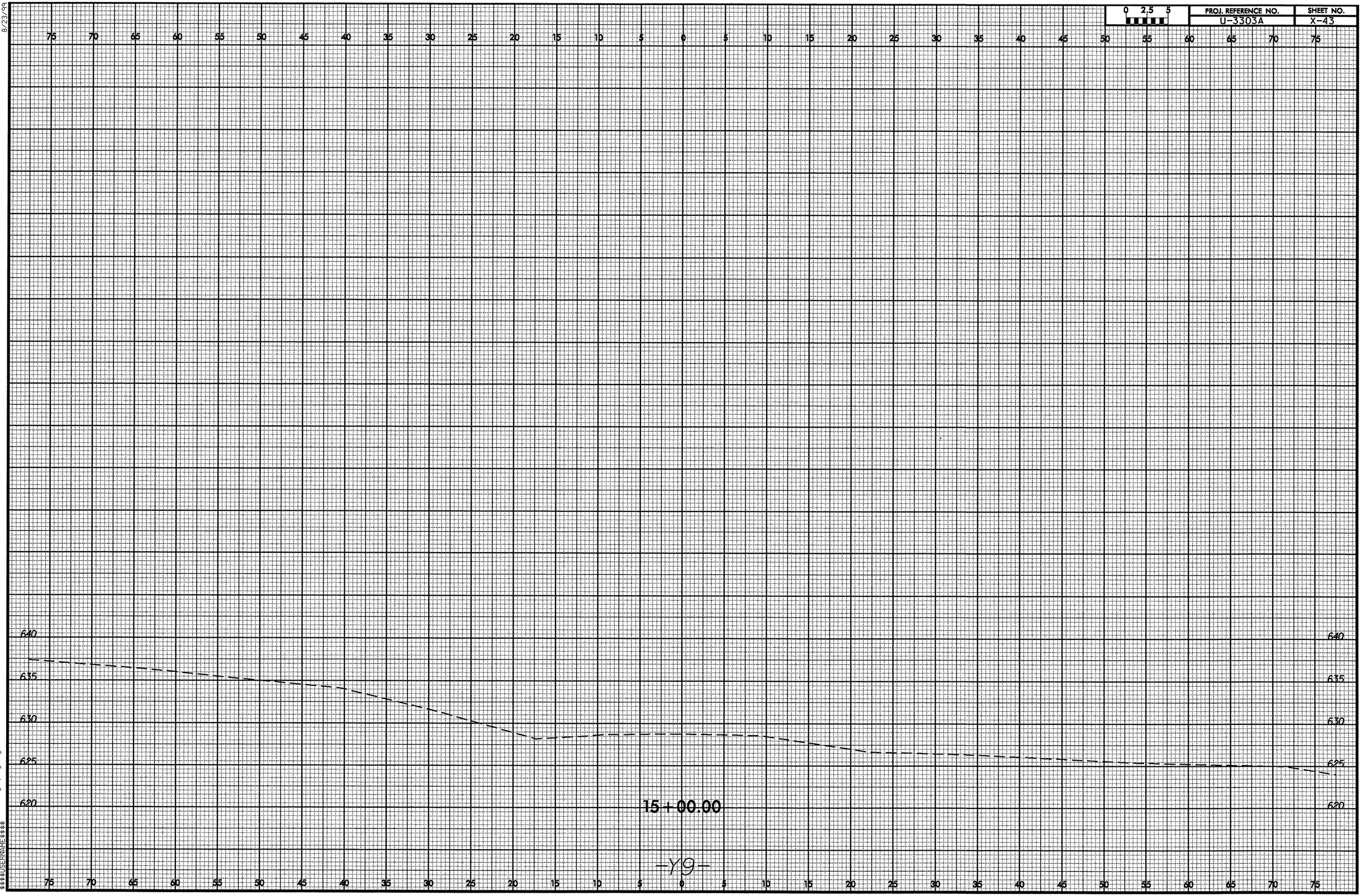

02-DEC-2008 14:00
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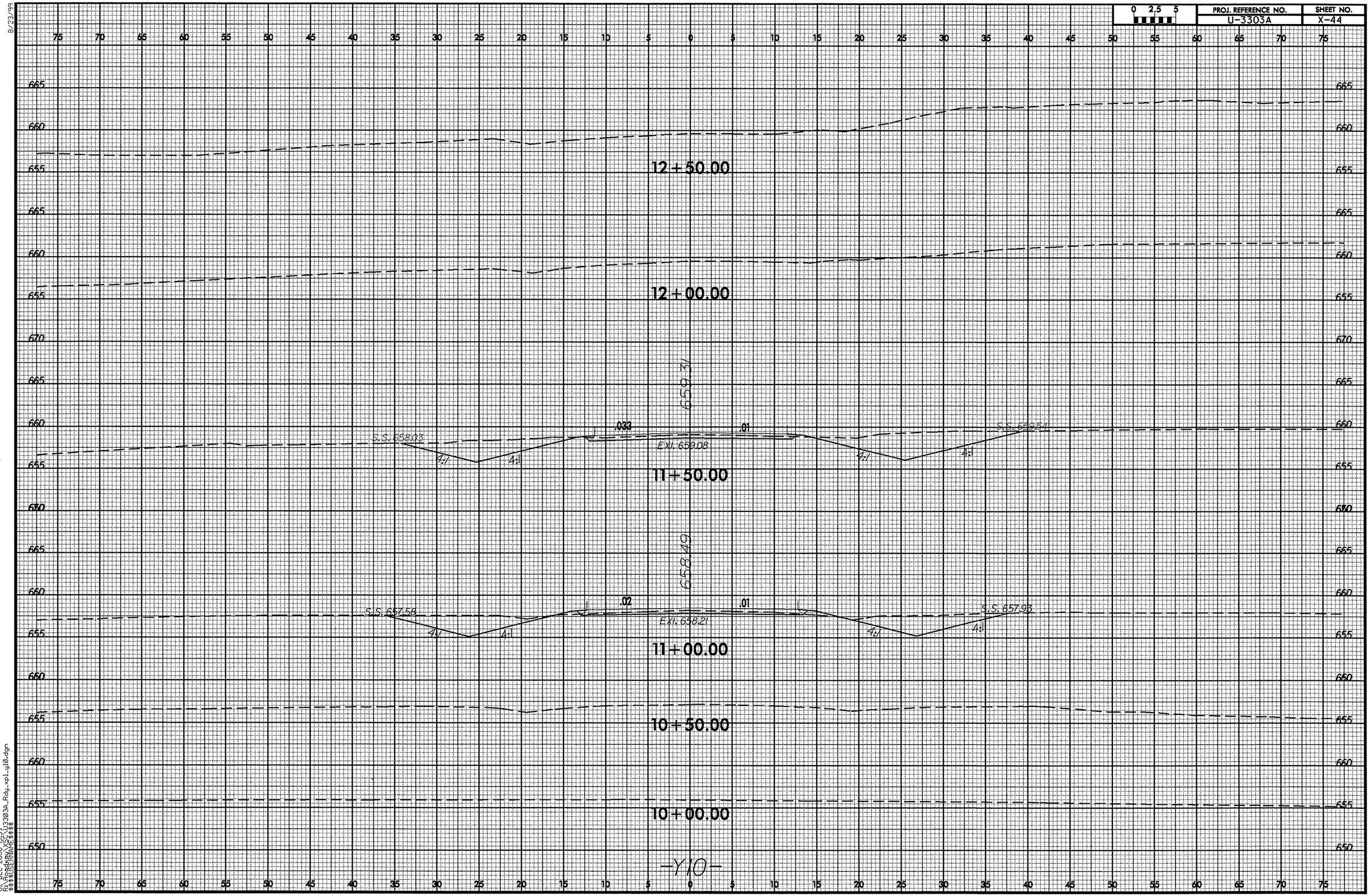

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
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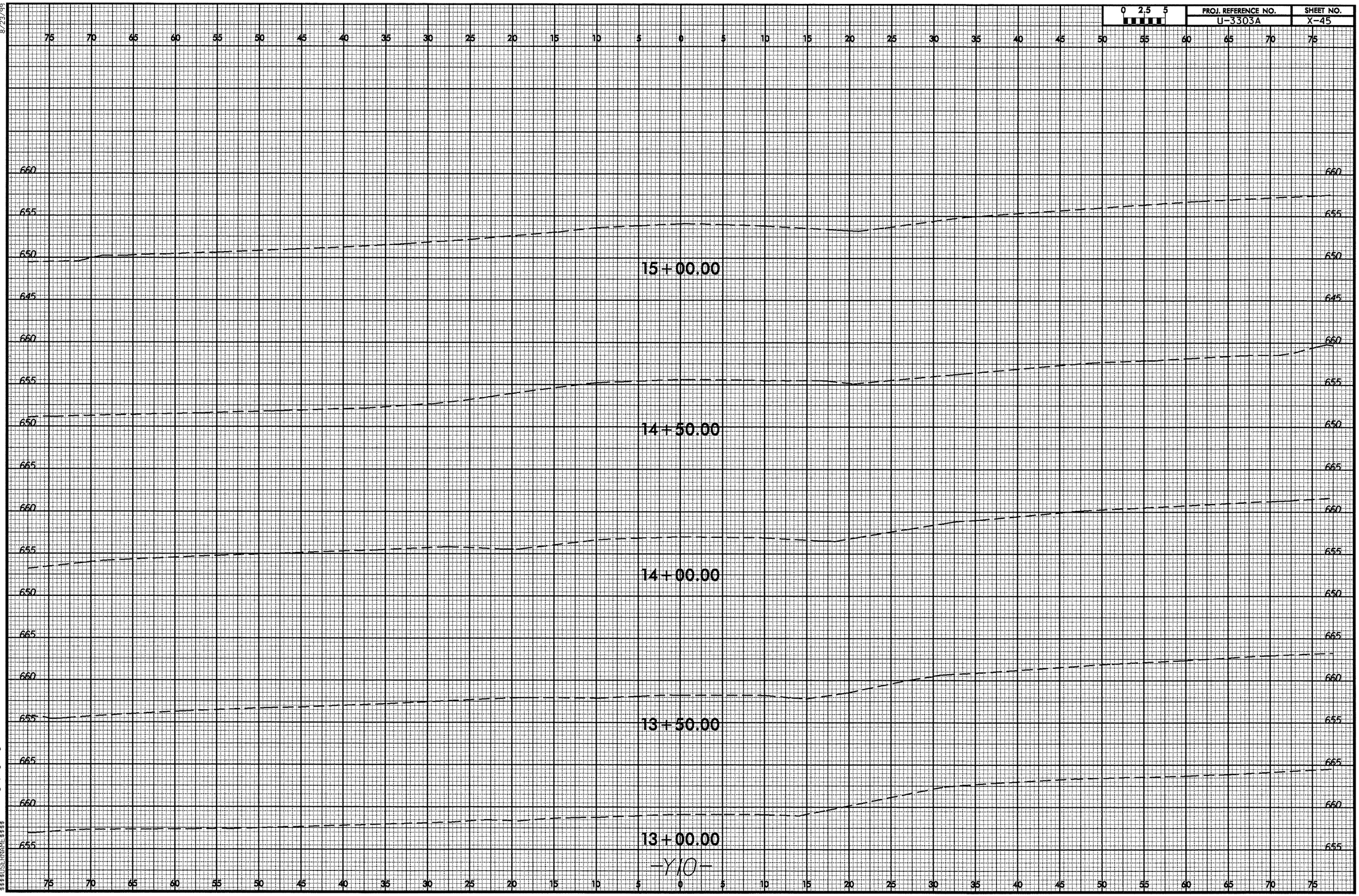

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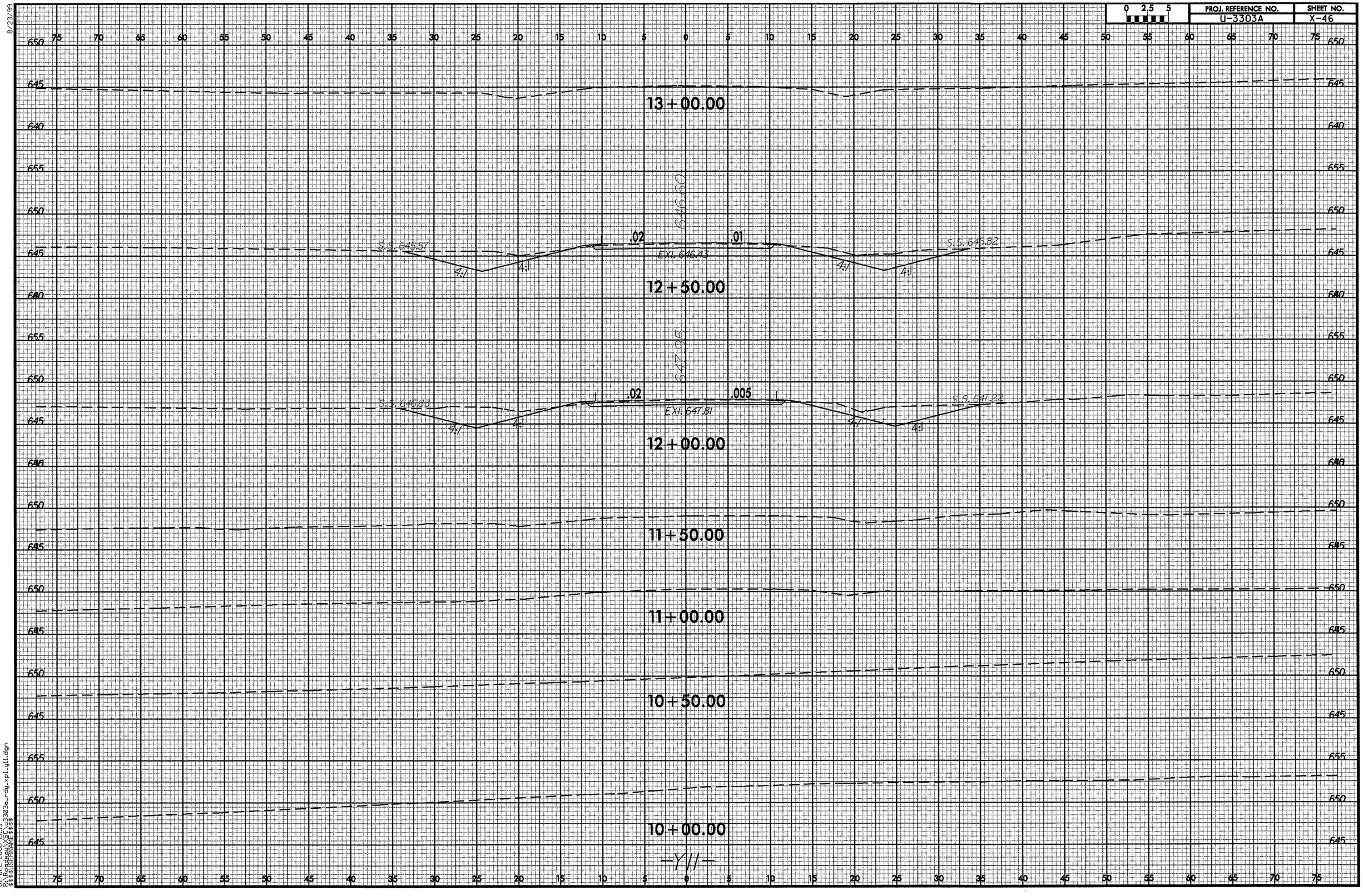

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
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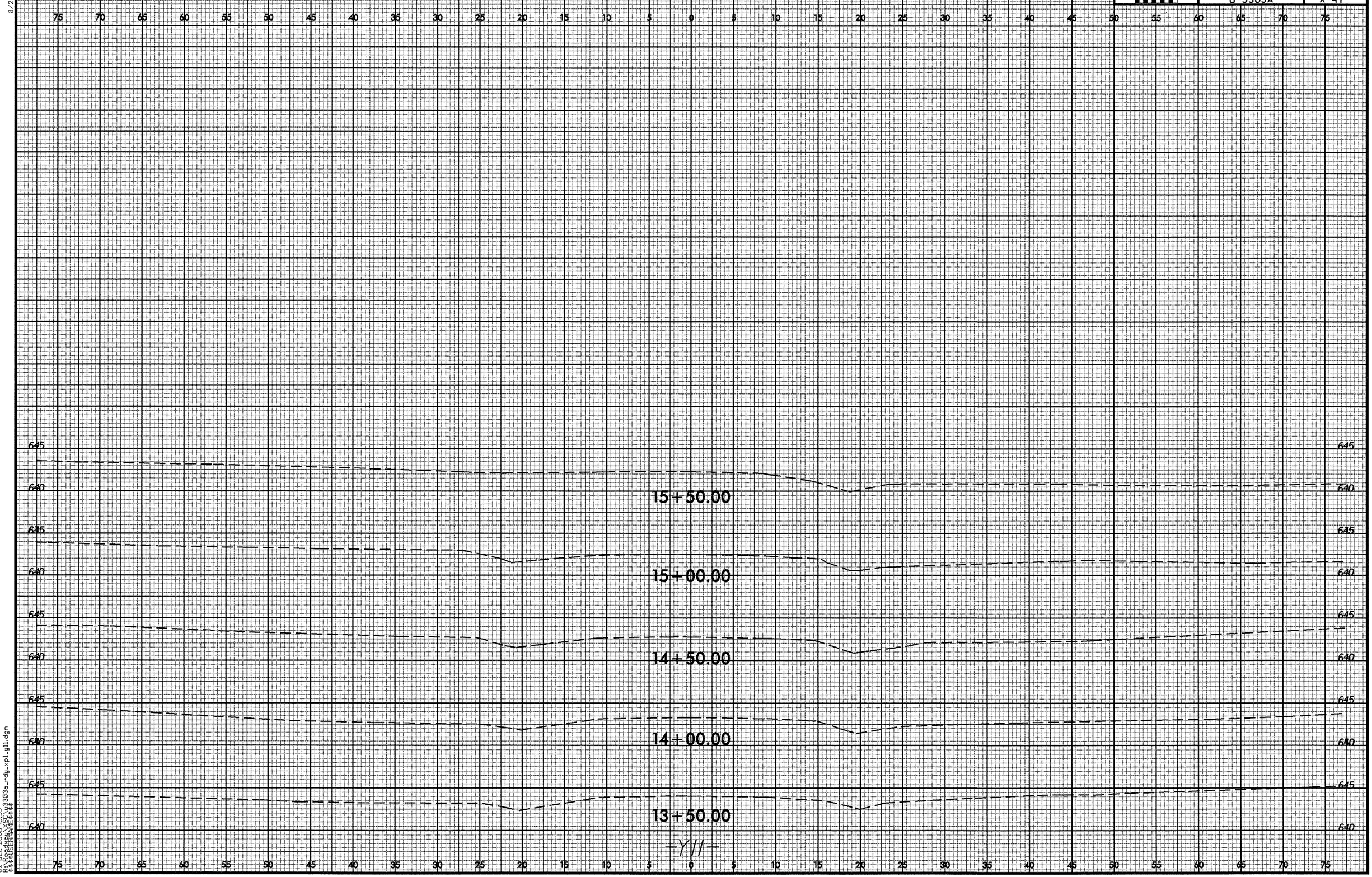

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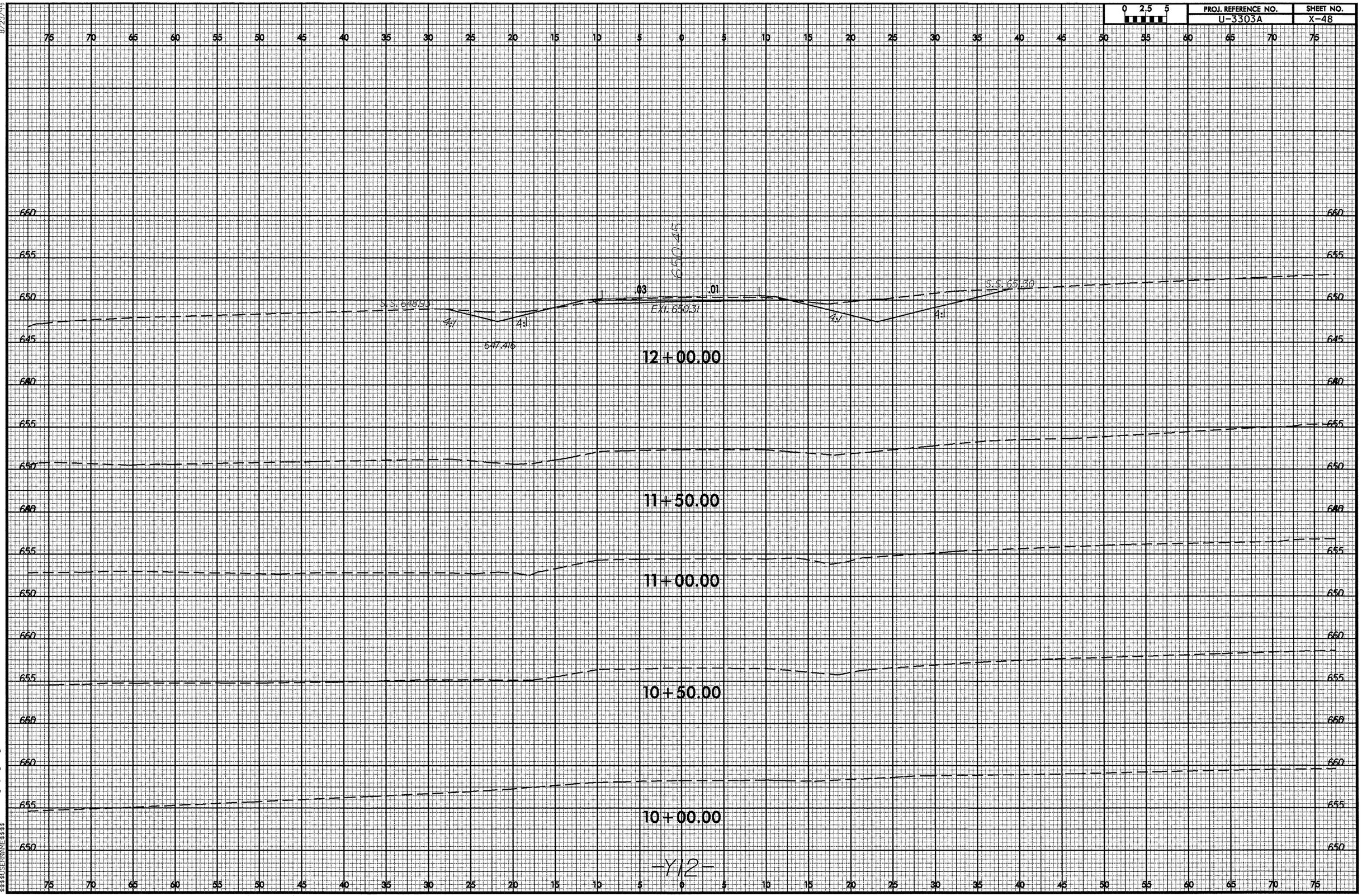

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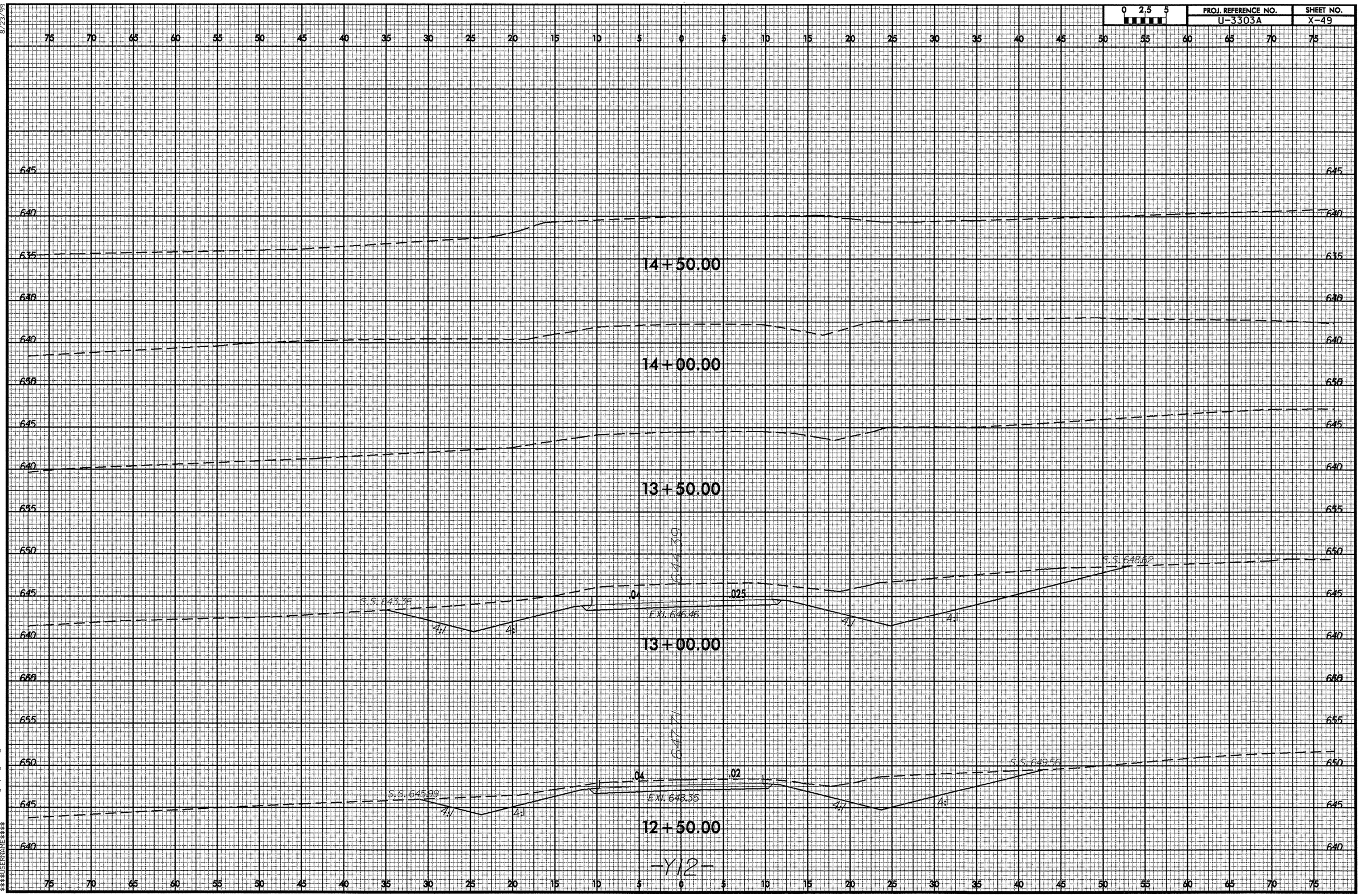

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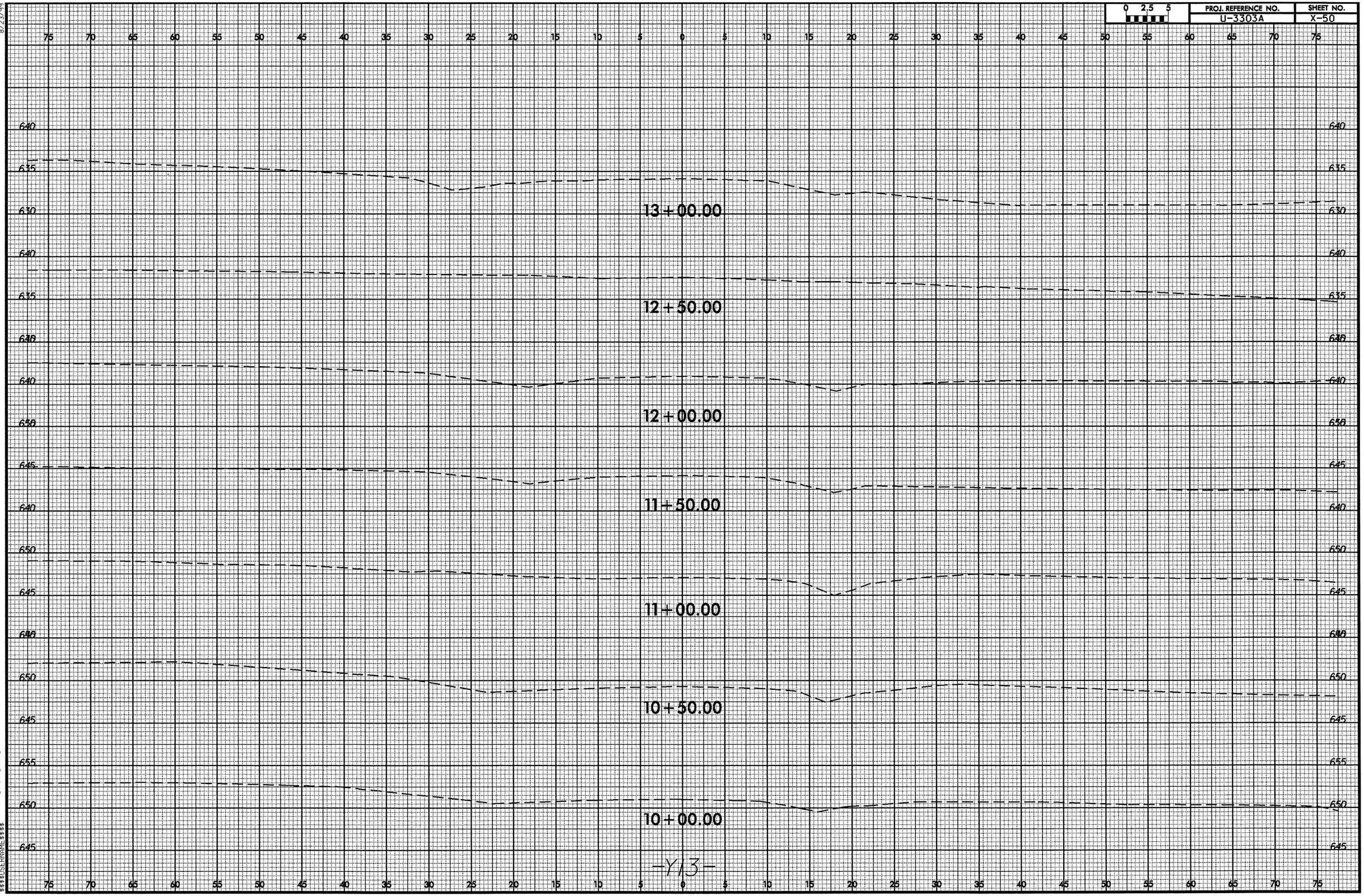

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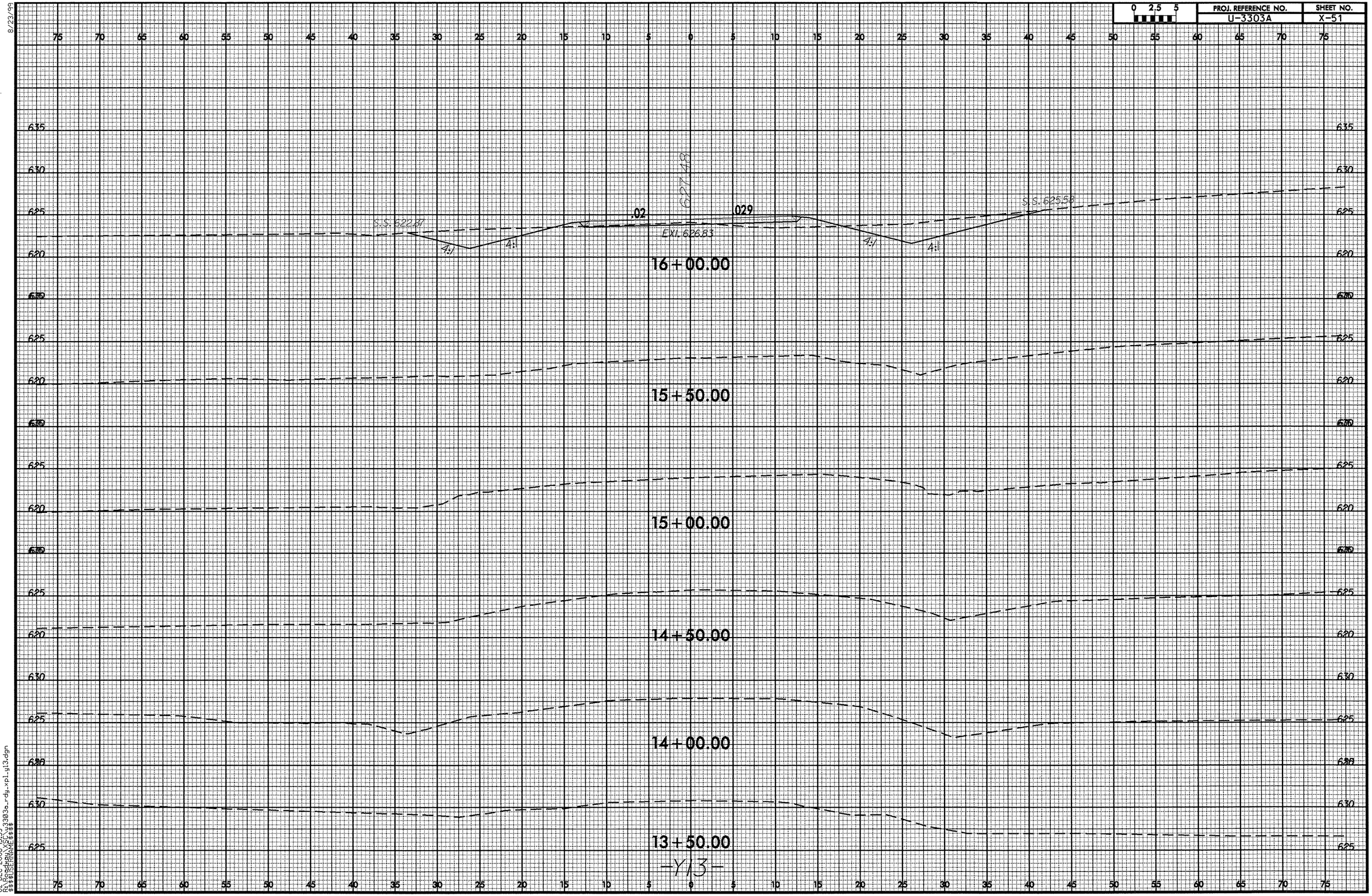

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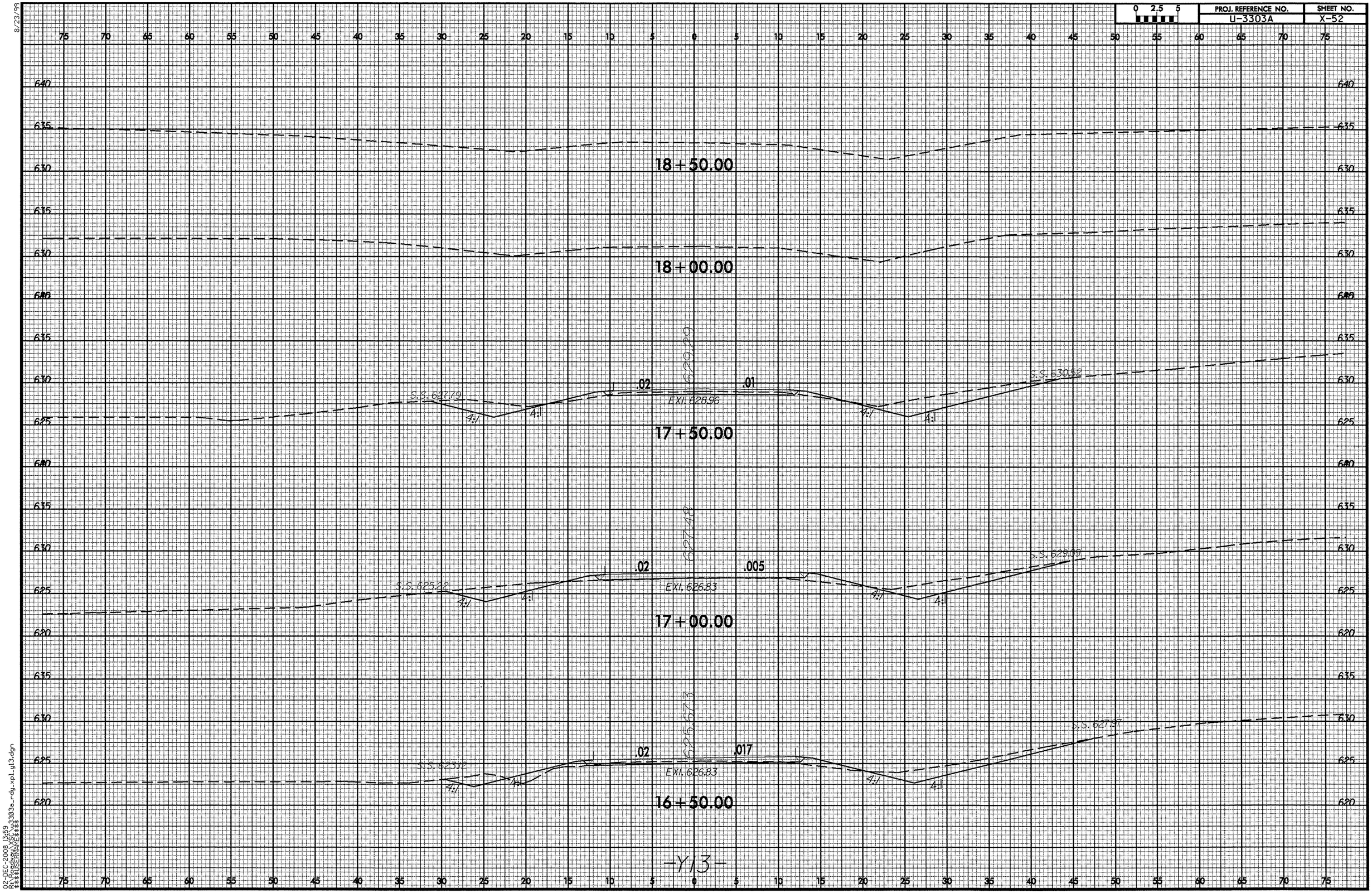

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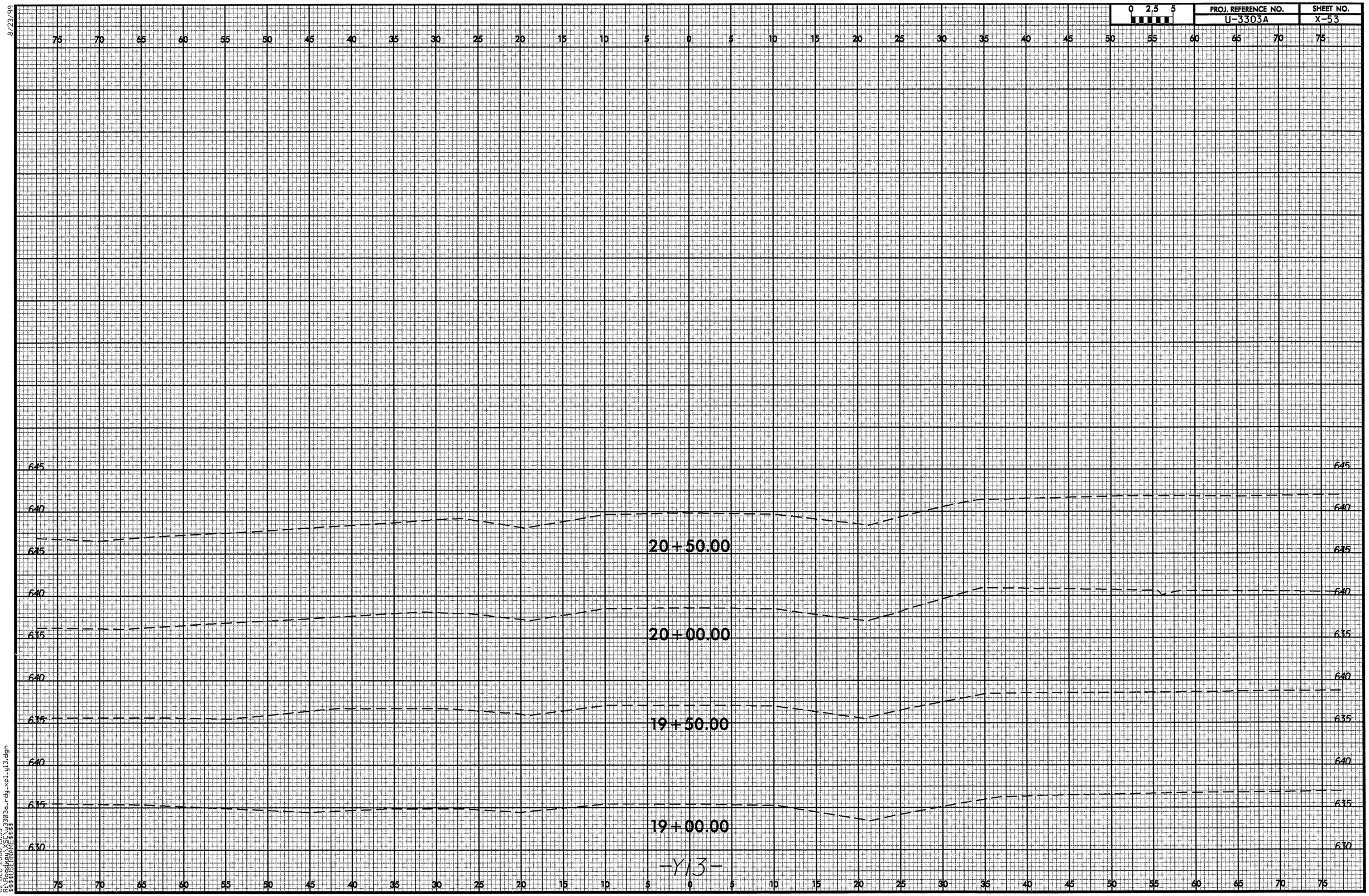
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3303A	X-53



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PROJ. REFERENCE NO.	SHEET NO.
U-3303B	X-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
76+00.000	0	0
76+50.000	14	9
77+00.000	76	9
77+50.000	135	0
78+00.000	127	11
78+50.000	59	59
79+00.000	17	71
79+50.000	37	50
80+00.000	25	87
80+50.000	0	65
81+00.000	0	21
81+50.000	7	81
82+00.000	23	104
82+50.000	58	46
83+00.000	68	15
83+50.000	40	29
84+00.000	19	55
84+50.000	6	147
85+00.000	0	245
85+50.000	1	247
86+00.000	1	236
86+50.000	3	186
87+00.000	3	130
87+50.000	2	90
88+00.000	3	40
88+50.000	25	19
89+00.000	62	8
89+50.000	85	8
90+00.000	109	3
90+50.000	123	0
91+00.000	103	2
91+50.000	156	2
92+00.000	206	0
92+50.000	188	0
93+00.000	173	0
93+50.000	145	0
94+00.000	107	1
94+50.000	80	1
95+00.000	78	3
95+50.000	138	5
96+00.000	152	2
96+50.000	101	0
97+00.000	85	0
97+50.000	81	0
98+00.000	58	3
98+50.000	21	23
99+00.000	7	46
99+50.000	4	35
100+00.000	1	65
100+50.000	1	99
101+00.000	1	89
101+50.000	9	67
102+00.000	28	32

Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
102+50.000	56	19
103+00.000	82	9
103+50.000	89	3
104+00.000	74	2
104+50.000	46	5
105+00.000	18	23
105+50.000	4	50
106+00.000	1	99
106+50.000	1	191
107+00.000	1	123
107+50.000	3	131
108+00.000	6	201
108+50.000	8	124
109+00.000	11	99
109+50.000	24	55
110+00.000	35	22
110+50.000	38	33
111+00.000	33	41
111+50.000	24	47
112+00.000	21	72
112+50.000	17	127
113+00.000	12	203
113+50.000	10	243
114+00.000	7	211
114+50.000	3	142
115+00.000	4	77
115+50.000	5	52
116+00.000	10	41
116+50.000	11	33
117+00.000	10	30
117+50.000	21	21
118+00.000	23	21
118+50.000	23	17
119+00.000	52	6
119+50.000	123	1
120+00.000	124	0
120+50.000	68	1
121+00.000	56	3
121+50.000	61	3
122+00.000	66	4
122+50.000	50	7
123+00.000	18	52
123+50.000	0	116
124+00.000	0	133
124+50.000	0	93
125+00.000	0	107
125+50.000	1	126
126+00.000	2	73
126+50.000	6	42
127+00.000	22	17
127+50.000	48	4
128+00.000	33	10
128+50.000	5	24

Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
129+00.000	3	81
129+50.000	2	206
130+00.000	2	283
130+50.000	1	289
131+00.000	0	213
131+50.000	5	93
132+00.000	10	64
132+50.000	20	58
133+00.000	44	24
133+50.000	38	20
134+00.000	21	25
134+50.000	36	16
135+00.000	24	114
135+50.000	0	289
136+00.000	0	274
136+50.000	13	93
137+00.000	179	0
137+50.000	208	23
138+00.000	98	23
138+50.000	153	0
139+00.000	114	5
139+50.000	47	6
140+00.000	104	1
140+50.000	200	1
141+00.000	255	5
141+50.000	238	8
142+00.000	126	12
142+50.000	32	13
143+00.000	50	5
143+50.000	50	0
144+00.000	21	0
144+50.000	6	0

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
76+00.000	0	0
76+50.000	88	0
77+00.000	183	0
77+50.000	158	0
78+00.000	76	4
78+50.000	26	8
79+00.000	24	12
79+50.000	19	22
80+00.000	15	23
80+50.000	17	34
81+00.000	17	63
81+50.000	15	100
82+00.000	22	62
82+50.000	20	0
83+00.000	32	1
83+50.000	59	1
84+00.000	56	5

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
84+50.000	37	7
85+00.000	46	2
85+50.000	52	4
86+00.000	26	11
86+50.000	11	45
87+00.000	5	77
87+50.000	1	114
88+00.000	1	140
88+50.000	0	150
89+00.000	0	171
89+50.000	0	159
90+00.000	1	144
90+50.000	5	153
91+00.000	9	141
91+50.000	12	120
92+00.000	21	96
92+50.000	24	57
93+00.000	21	55
93+50.000	20	98
94+00.000	11	165
94+50.000	4	201
95+00.000	4	167
95+50.000	3	167
96+00.000	2	178
96+50.000	2	132
97+00.000	2	87
97+50.000	9	45
98+00.000	8	37
98+50.000	1	67
99+00.000	2	95
99+50.000	6	76
100+00.000	20	51
100+50.000	20	51
101+00.000	5	35
101+50.000	0	22
102+00.000	0	19
102+50.000	2	16
103+00.000	4	14
103+50.000	13	6
104+00.000	20	0
104+50.000	18	0
105+00.000	17	0
105+50.000	14	1
106+00.000	13	22
106+50.000	12	60
107+00.000	1331	4546

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
Station = 76+00.00	0	0

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
106+50.000	0	0
107+00.000	6	101
107+50.000	1	140
108+00.000	0	132
108+50.000	0	84
109+00.000	0	77
109+50.000	0	76
110+00.000	4	43
110+50.000	8	26
111+00.000	8	34
111+50.000	9	40
112+00.000	16	37
112+50.000	22	34
113+00.000	23	24
113+50.000	13	33
114+00.000	4	46
114+50.000	5	43
115+00.000	7	39
115+50.000	13	30
116+00.000	18	27
116+50.000	31	22
117+00.000	34	20
117+50.000	32	20
118+00.000	19	29
118+50.000	0	85
119+00.000	0	120
119+50.000	0	119
120+00.000	0	147
120+50.000	0	156
121+00.000	1	126
121+50.000	2	78
122+00.000	2	33
122+50.000	1	16
123+00.000	2	35
123+50.000	2	62
124+00.000	1	111
124+50.000	2	107
125+00.000	25	37
125+50.000	84	8
126+00.000	78	6
126+50.000	66	4
127+00.000	129	0
127+50.000	81	2
128+00.000	8	13
128+50.000	8	62
129+00.000	0	97
129+50.000	0	76
130+00.000	1	54
130+50.000	1	64
131+00.000	1	156
131+50.000	0	261
132+00.000	2	182
132+50.000	9	58

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
133+00.000	28	30
133+50.000	47	14
134+00.000	55	7
134+50.000	29	48
135+00.000	0	153
135+50.000	0	233
136+00.000	0	175
136+50.000	12	62
137+00.000	950	4982

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
Station = 106+50.0	0	0

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
136+50.000	0	0
137+00.000	23	21
137+50.000	11	56
138+00.000	1	143
138+50.000	4	249
139+00.000	3	346
139+50.000	7	228
140+00.000	18	46
140+50.000	31	17
141+00.000	62	4
141+50.000	105	1
142+00.000	79	11
142+50.000	43	11
143+00.000	67	2
143+50.000	46	5
144+00.000	15	5
144+50.000	515	1373

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
Station = 136+50.0	0	0

Station Undercut L (RT)	Undercut. Exc. (cu. yd.)	Embt (cu. yd.)
100+50.000	0	0
101+00.000	65	0
101+50.000	126	0
102+00.000	127	0
102+50.000	137	0
103+00.000	144	0
103+50.000	132	0
104+00.000	120	0
104+50.000	129	0

PROJ. REFERENCE NO.	SHEET NO.
U-3303B	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

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

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
105+00.000	136	0
105+50.000	128	0
106+00.000	111	0
106+50.000	0	0
107+00.000	0	0
107+50.000	0	0
108+00.000	49	0
108+50.000	46	0
109+00.000	56	0
109+50.000	72	0
110+00.000	144	0
110+50.000	141	0
111+00.000	131	0
111+50.000	127	0
112+00.000	119	0
112+50.000	105	0
113+00.000	80	0
113+50.000	58	0
114+00.000	68	0
114+50.000	97	0
115+00.000	128	0
115+50.000	136	0
116+00.000	138	0
116+50.000	141	0
117+00.000	142	0
117+50.000	144	0
118+00.000	140	0
118+50.000	70	0
119+00.000	175	0
119+50.000	189	0
120+00.000	155	0
120+50.000	140	0
121+00.000	139	0
121+50.000	139	0
122+00.000	140	0
122+50.000	140	0
123+00.000	121	0
123+50.000	52	0

Station L	Undercut. Exc. (cu. yd.)	Embt (cu. yd.)
127+00.000	0	0
127+50.000	83	0
128+00.000	150	0
128+50.000	132	0
129+00.000	110	0
129+50.000	44	0
130+00.000	0	0
130+50.000	0	0
131+00.000	60	0
131+50.000	94	0
132+00.000	33	0

Station Undercut L (RT)	Undercut. Exc. (cu. yd.)	Embt (cu. yd.)
100+50.000	0	0
101+00.000	69	0
101+50.000	142	0
102+00.000	143	0
102+50.000	141	0
103+00.000	152	0
103+50.000	143	0
104+00.000	133	0
104+50.000	142	0
105+00.000	139	0
105+50.000	139	0
106+00.000	138	0
106+50.000	92	0
107+00.000	100	0
107+50.000	92	0
108+00.000	62	0
108+50.000	90	0
109+00.000	92	0
109+50.000	60	0
110+00.000	124	0
110+50.000	133	0
111+00.000	135	0
111+50.000	134	0
112+00.000	138	0
112+50.000	139	0
113+00.000	129	0
113+50.000	128	0
114+00.000	135	0
114+50.000	132	0
115+00.000	132	0
115+50.000	136	0
116+00.000	140	0
116+50.000	155	0
117+00.000	183	0
117+50.000	206	0
118+00.000	174	0
118+50.000	43	0
119+00.000	94	0
119+50.000	96	0
120+00.000	86	0
120+50.000	90	0
121+00.000	106	0
121+50.000	123	0
122+00.000	133	0
122+50.000	129	0
123+00.000	63	0
123+50.000	0	0

Station Undercut L (RT)	Ununder cut. Exc. (cu. yd.)	Embt (cu. yd.)
127+00.000	0	0
127+50.000	70	0

Station Undercut. Exc. Embt L (LT) (cu. yd.) (cu. yd.)
128+00.000 140 0
128+50.000 122 0
129+00.000 94 0
129+50.000 90 0
130+00.000 104 0
130+50.000 103 0
131+00.000 48 0
131+50.000 0 0
132+00.000 0 0

Station L (RT)	Unsuitable. Exc. (cu. yd.)	Embt (cu. yd.)
101+00.000	0	0
101+50.000	7	0
102+00.000	27	0
102+50.000	53	0
103+00.000	74	0
103+50.000	72	0
104+00.000	63	0
104+50.000	46	0
105+00.000	18	0
105+50.000	4	0
106+00.000	1	0

Station L (RT)	Unsuitable. Exc. (cu. yd.)	Embt (cu. yd.)
118+00.000	0	0
118+50.000	14	0
119+00.000	48	0
119+50.000	114	0
120+00.000	113	0
120+50.000	55	0
121+00.000	41	0
121+50.000	43	0
122+00.000	47	0
122+50.000	24	0

Station L (RT)	Unsuitable. Exc. (cu. yd.)	Embt (cu. yd.)
127+00.000	0	0
127+50.000	28	0
128+00.000	28	0

Station L (RT)	Unsuitable. Exc. (cu. yd.)	Embt (cu. yd.)
131+00.000	0	0
131+50.000	7	0
132+00.000	7	0

Station Unsuitable L (LT)	Unsuitable. Exc. (cu. yd.)	Embt (cu. yd.)
100+50.000	0	0
101+00.000	20	0
101+50.000	38	0
102+00.000	49	0
102+50.000	89	0
103+00.000	145	0
103+50.000	137	0
104+00.000	117	0
104+50.000	108	0
105+00.000	72	0
105+50.000	51	0
106+00.000	20	0

Station L (LT)	Unsuitable. Exc. (cu. yd.)	Embt (cu. yd.)
121+50.000	0	0
122+00.000	10	0
122+50.000	21	0
123+00.000	11	0

Station L (LT)	Unsuitable. Exc. (cu. yd.)	Embt (cu. yd.)
127+00.000	0	0
127+50.000	25	0
128+00.000	25	0

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
12+50.00	0	0
13+00.00	58	0
13+50.00	101	0
14+00.00	92	16
14+50.00	94	61
15+00.00	83	96
15+50.00	84	86
16+00.00	96	52
16+50.00	79	33
17+00.00	58	40
17+50.00	78	32
18+00.00	65	44
18+50.00	35	37
20+00.00	0	247
20+50.00	0	154
21+00.00	17	162
21+50.00	23	141
22+00.00	13	88
22+50.00	18	49
23+00.00	21	26
23+50.00	10	11

Station Y2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	0	0
10+50.00	8	7
11+00.00	22	12
11+50.00	16	44
12+00.00	13	88
12+50.00	11	118

Station Y3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	0	0
11+00.00	33	54
11+50.00	52	54
12+00.00	29	23

Station Y4	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
9+50.00	0	0
10+00.00	14	3
10+50.00	17	21
11+00.00	4	75
11+50.00	1	221
12+00.00	0	391
12+50.00	0	461

Station Y5	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	0	0
11+00.00	337	0
11+50.00	227	0
12+00.00	133	1
12+50.00	69	2
13+00.00	31	1

Station Y6	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+500.00	0	0
11+00.00	50	1
11+50.00	66	13
12+00.00	20	51
12+50.00	5	74

Station Y7	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	0	0
11+00.00	6	121
11+50.00	12	89
12+00.00	14	64
12+50.00	7	26

Station Y8	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	0	0
11+00.00	42	26
11+50.00	46	7
12+00.00	49	9
12+50.00	23	6

Station Y9	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	0	0
11+00.00	37	3
11+50.00	80	5
12+00.00	77	3
12+50.00	75	16

CROSS SECTION INDEX SHEET

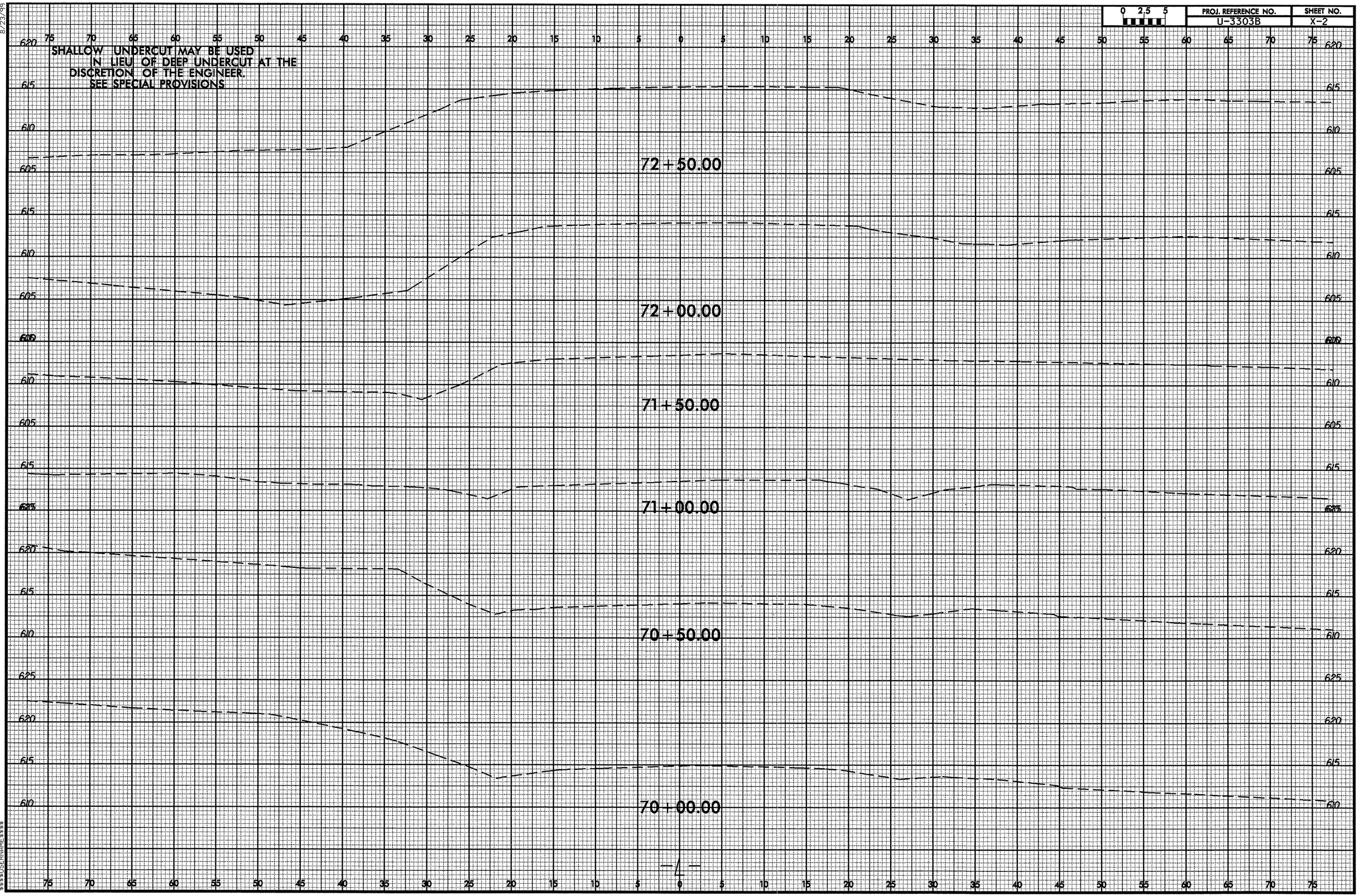
X-1B
TIP NO: U-U3303B
INITIALS: NNA

Chain	Beg Sta	End Sta	LOC	Sheet No.	Comments / Log File
L	76+00.000	144+50.000	RT	X-2 TO X-41	L_ear_right.log
L	76+00.000	107+00.000	LT		LEFTCOPYL.LOG
L	76+00.00	88+29.000	LT		LEFTCOPYL.LOG
L	106+50.000	137+00.000	LT		LEFTCOPY1L.LOG
L	106+50.000	106+50.000	LT		LEFTCOPY1L.LOG
L	136+50.000	144+50.000	LT		LEFTCOPY2L.LOG
L	136+50.000	136+50.000	LT		LEFTCOPY2L.LOG
L	100+50.000	123+50.000	RT		L_undercut_right.log
L	127+00.000	132+00.000	RT		L_undercut_right.log
L	100+50.000	123+50.000	LT		L_undercut_left.log
L	127+00.000	132+00.000	LT		L_undercut_left.log
L	101+00.000	106+00.000	RT		L_unsuit_right.log
L	118+00.000	122+50.000	RT		L_unsuit_right.log
L	127+00.000	128+00.000	RT		L_unsuit_right.log
L	131+00.000	132+00.000	RT		L_unsuit_right.log
L	100+50.000	106+00.000	LT		L_unsuit_left.log
L	121+50.000	123+00.000	LT		L_unsuit_left.log
L	127+00.000	128+00.000	LT		L_unsuit_left.log
Y1	12+50.00	23+50.00	CL	X-42 TO X-46	Y1_ear_updated.log
Y2	10+00.00	12+50.00	CL	X-47 TO X-48	Y2_ear_updated.log
Y3	10+50.00	12+00.00	CL	X-49 TO X-50	Y3_ear_updated.log
Y4	9+50.00	12+50.00	CL	X-51 TO X-52	Y4_ear_updated.log
Y5	10+50.00	13+00.00	CL	X-53 TO X-54	Y5_ear_updated.log
Y6	10+500.00	12+50.00	CL	X-55 TO X-56	Y6_ear_updated.log
Y7	10+50.00	12+50.00	CL	X-57 TO X-58	Y7_ear_updated.log
Y8	10+50.00	12+50.00	CL	X-59	Y8_ear_updated.log
Y9	10+50.00	12+50.00	CL	X-60 TO X-61	Y9_ear_updated.log

Chain	Beg Sta	End Sta	LOC	Sheet No.	Comments / Log File

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3303B	X-2



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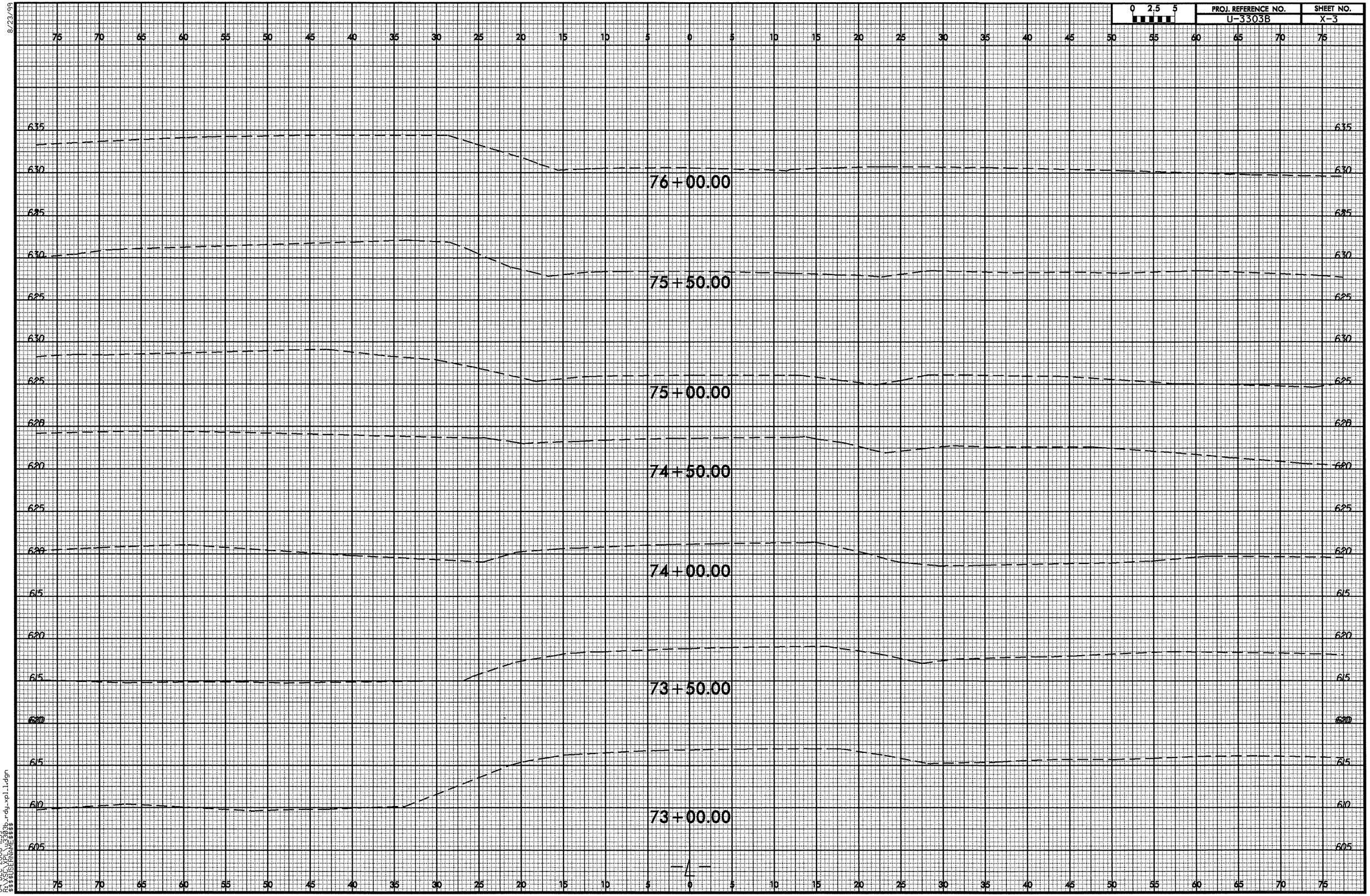

8/23/99

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8/23/99

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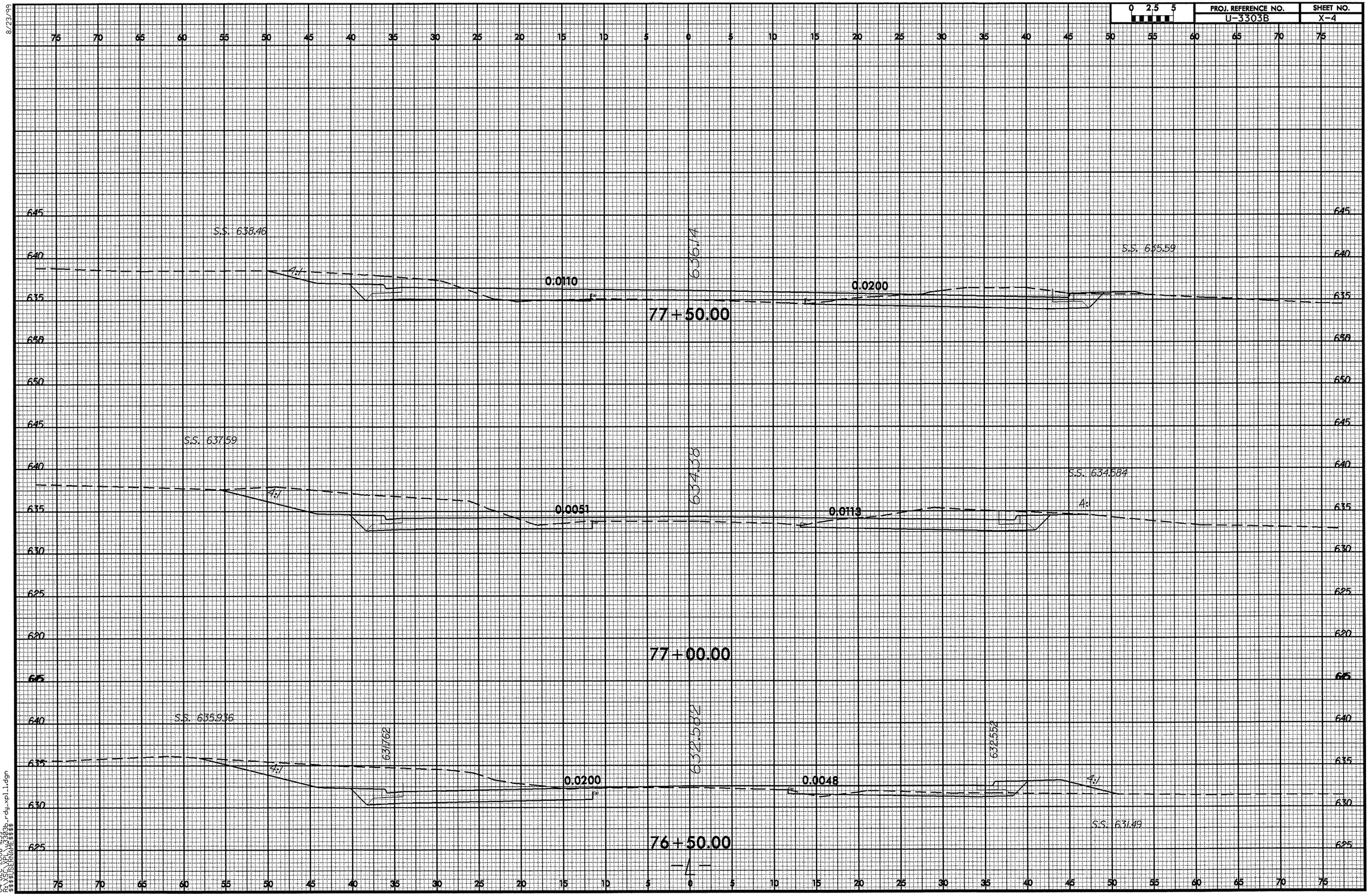
	U-3303B	X-4



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8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
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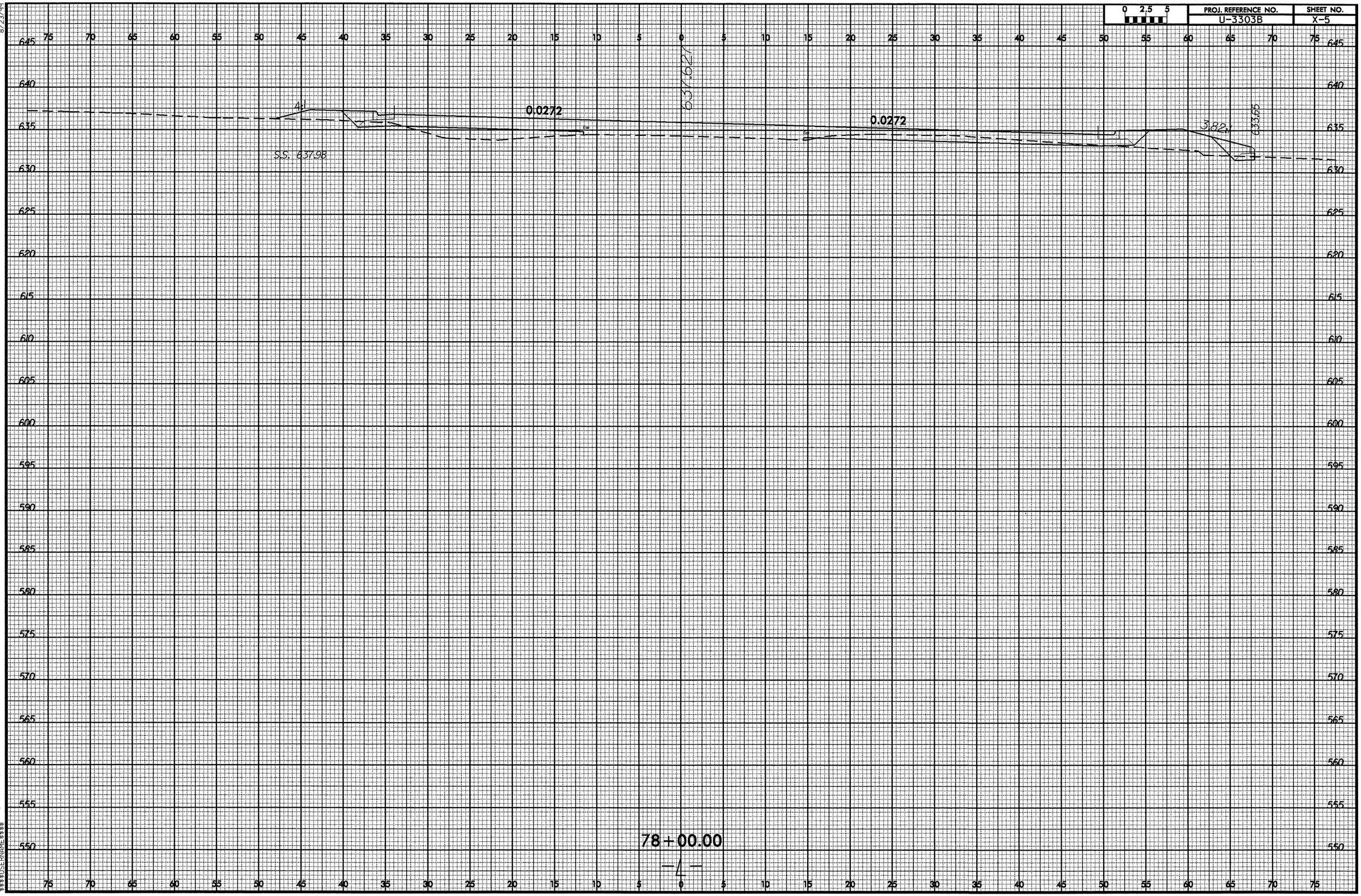

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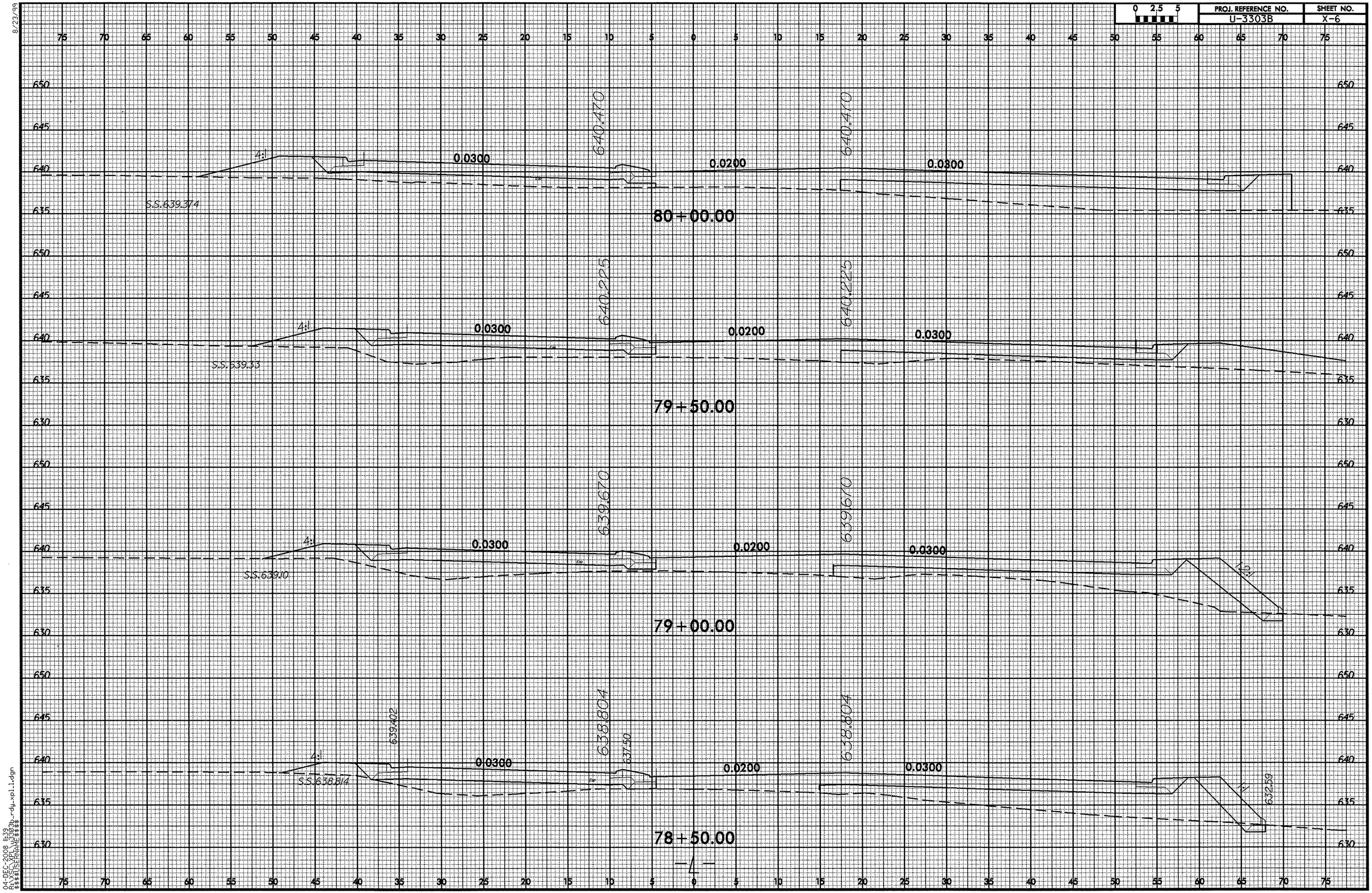

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PROJ. REFERENCE NO.
U-3303B
SHEET NO.
X-6
8/23/99
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640.470
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0.0200
0.0300
S.S.639.374
80+00.00
640.225
640.225
4:1
0.0300
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0.0300
S.S.639.33
79+50.00
639.670
639.670
4:1
0.0300
0.0200
0.0300
S.S.639.10
1:2
79+00.00
639.402
638.804
637.50
638.804
4:1
0.0300
0.0200
0.0300
S.S.638.814
1:1
632.59
78+50.00
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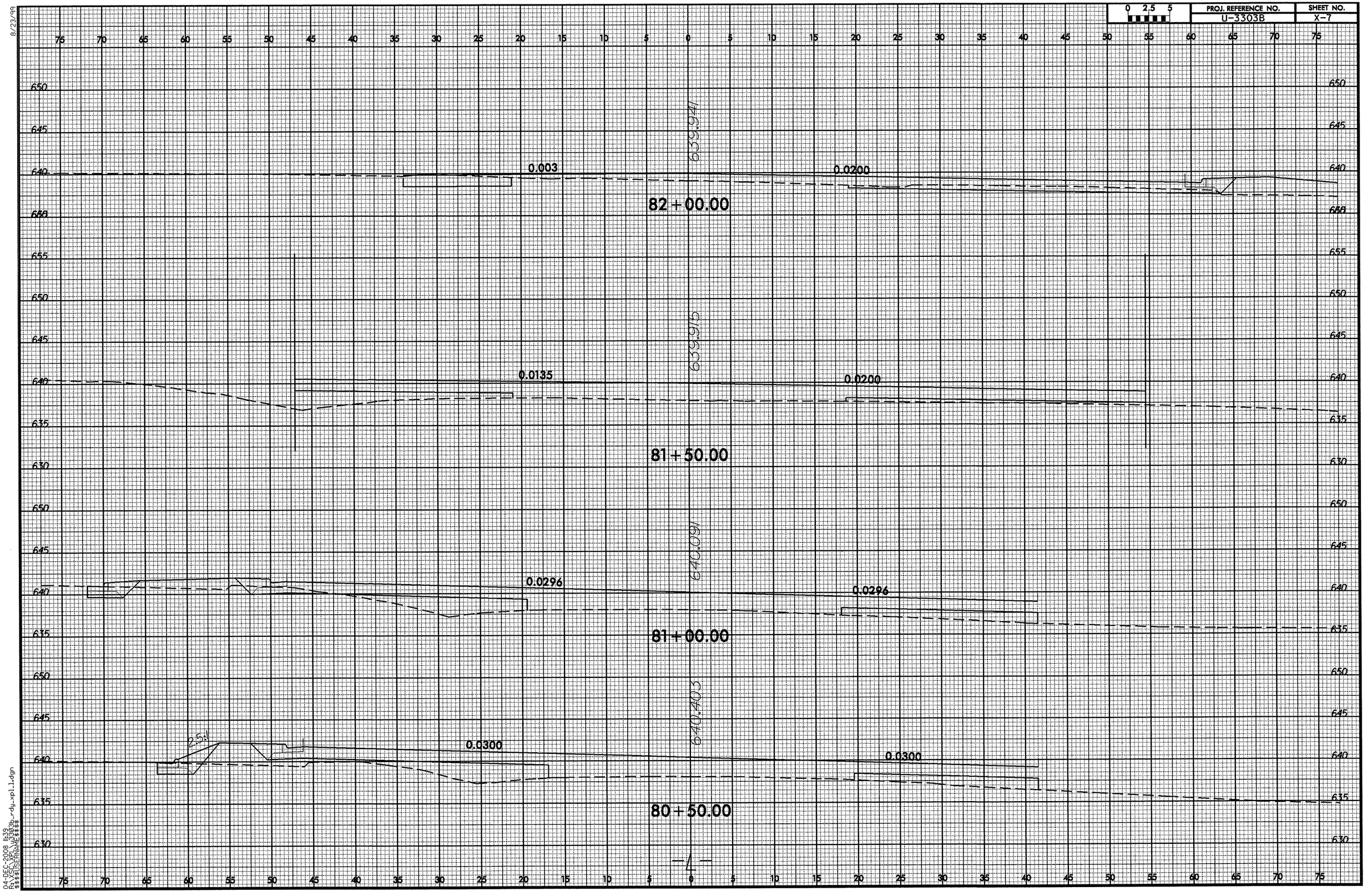

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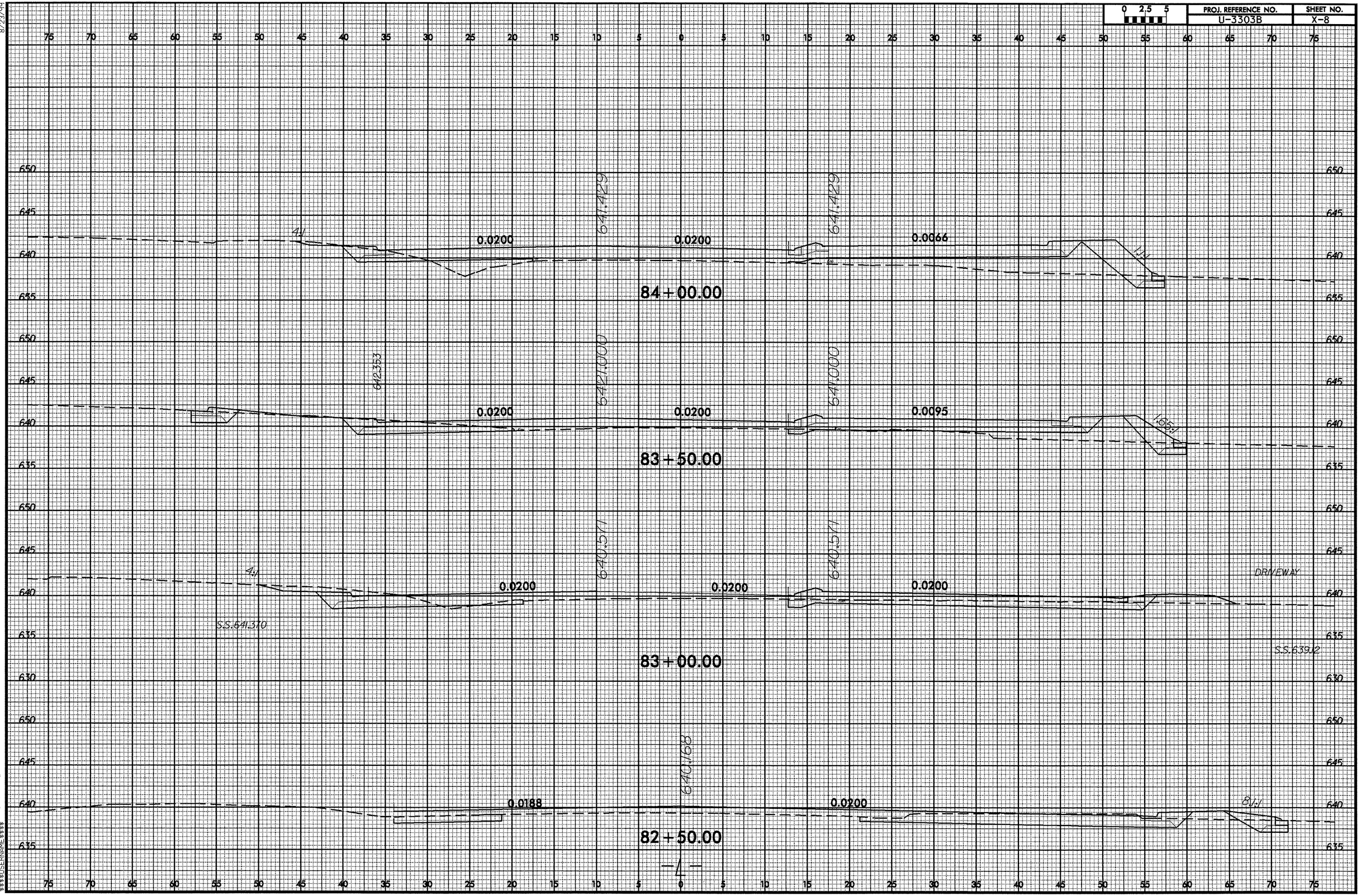

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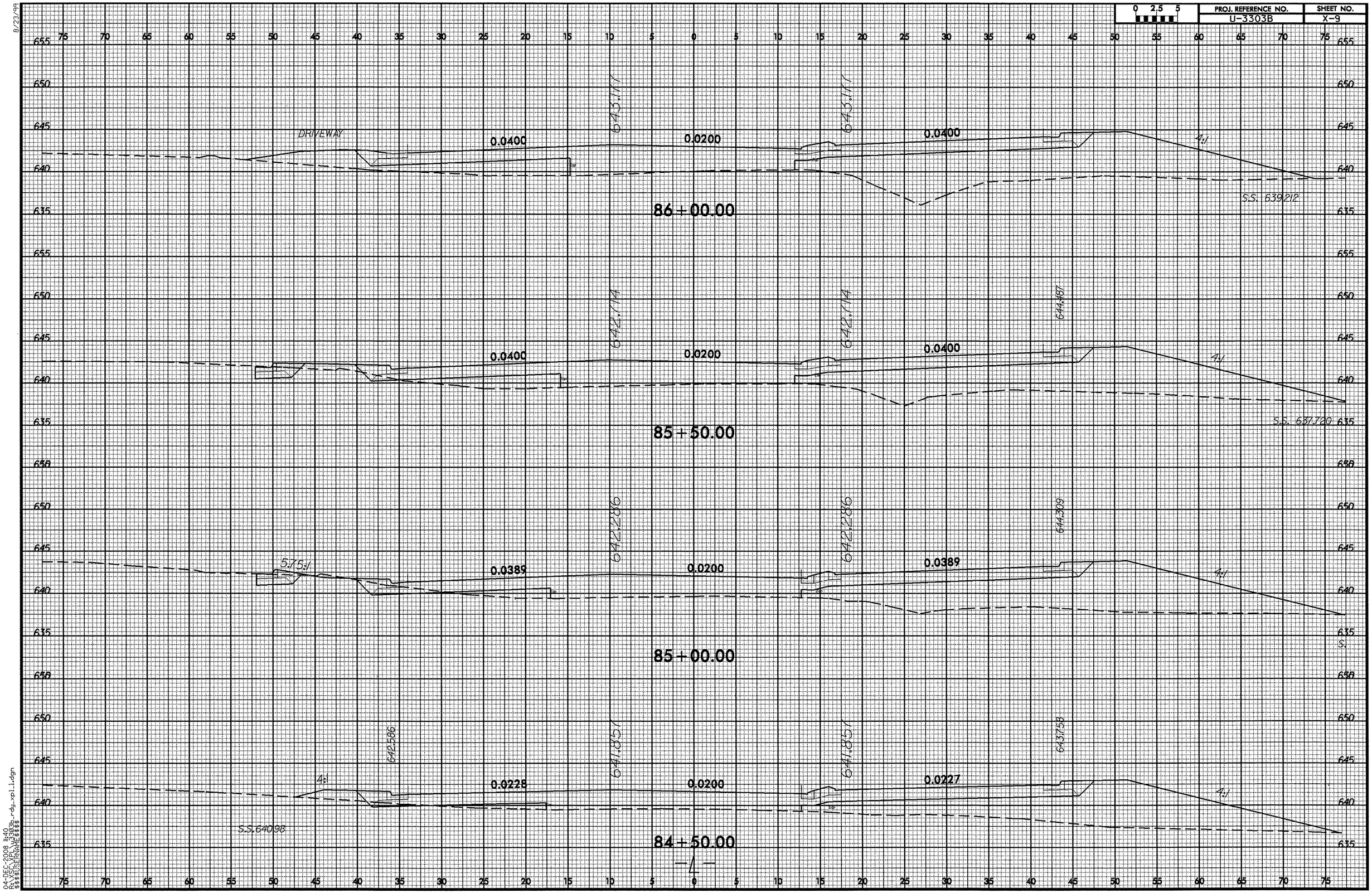

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8/23/99

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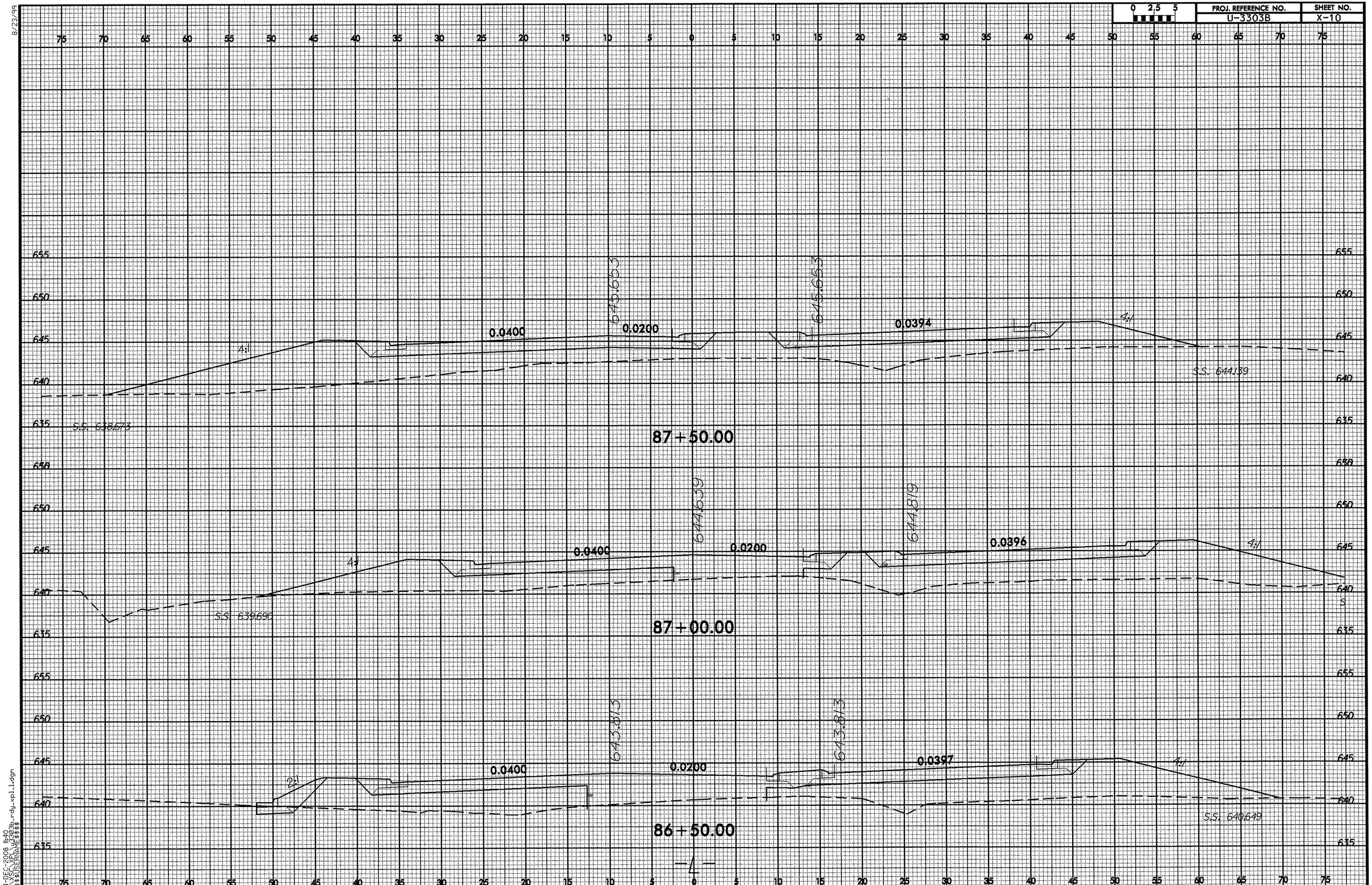
	U-3303B	X-10



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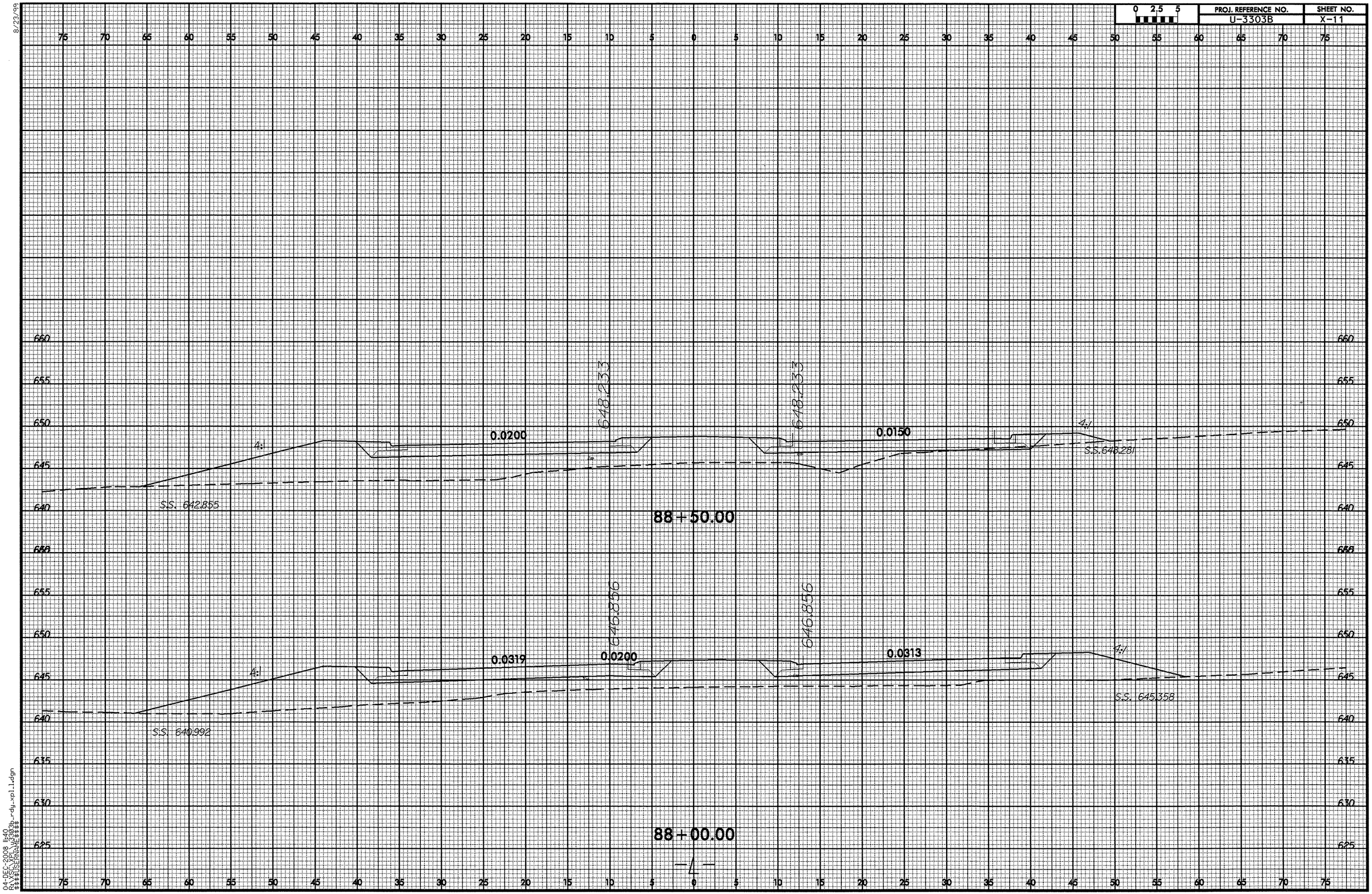

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U-3303B
SHEET NO.
X-11
8/23/99
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660
655
650
645
640
635
630
625
648.233
648.233
0.0200
0.0150
4:1
4:1
S.S. 642.855
S.S. 648.281
88+50.00
646.856
646.856
0.0319
0.0200
0.0313
4:1
4:1
S.S. 640.992
S.S. 645.358
88+00.00
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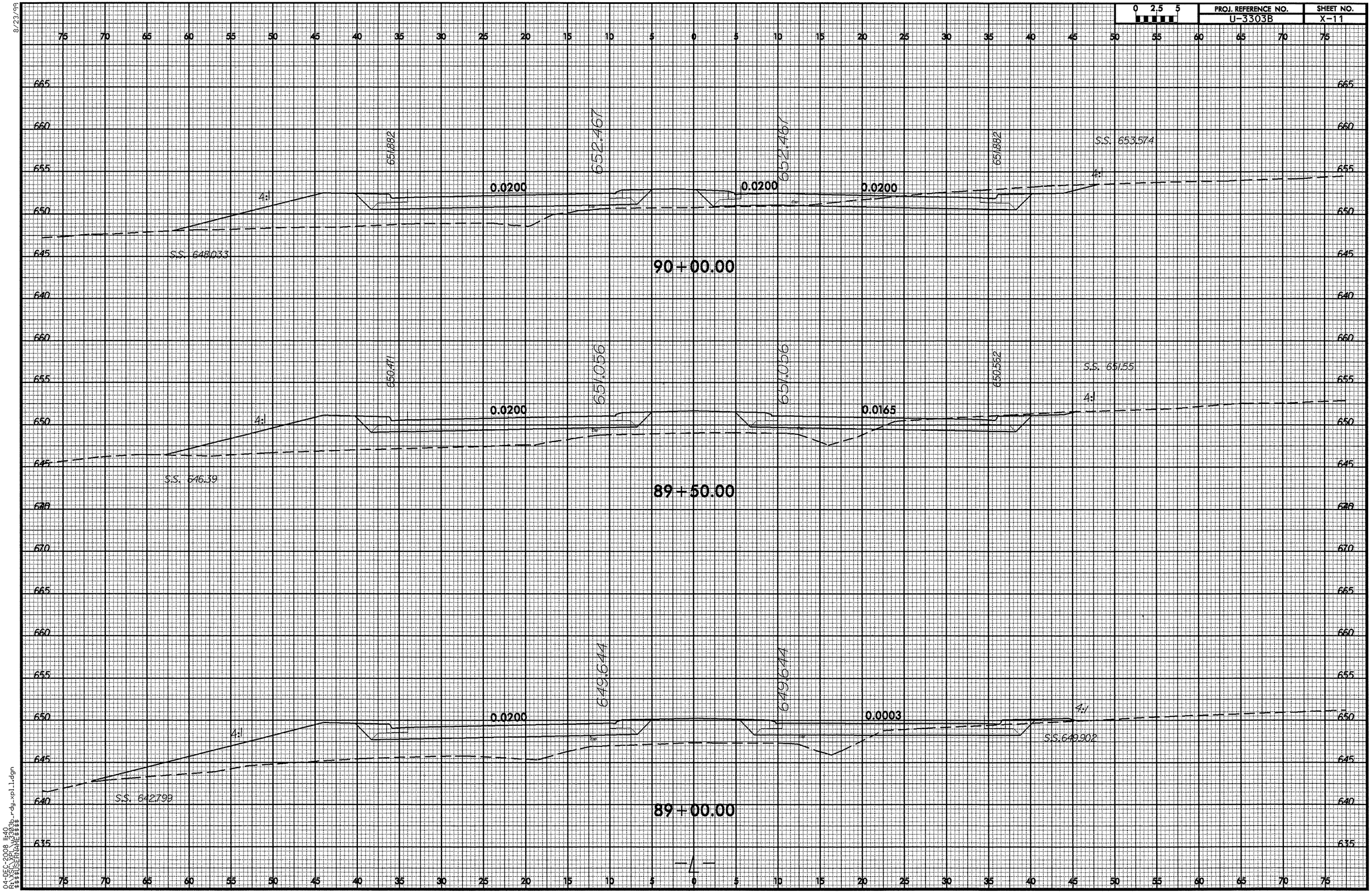
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-3303B	X-11



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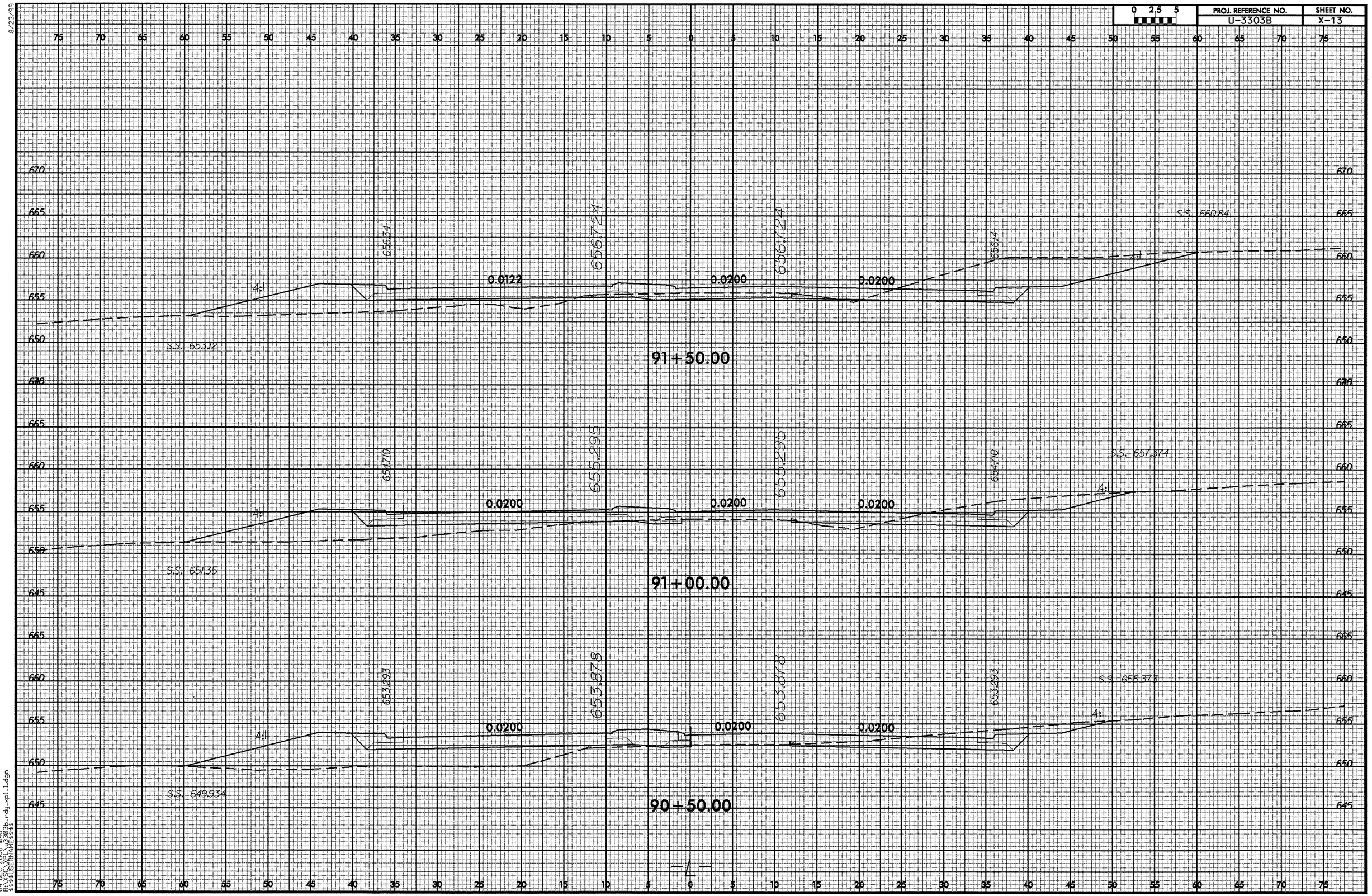

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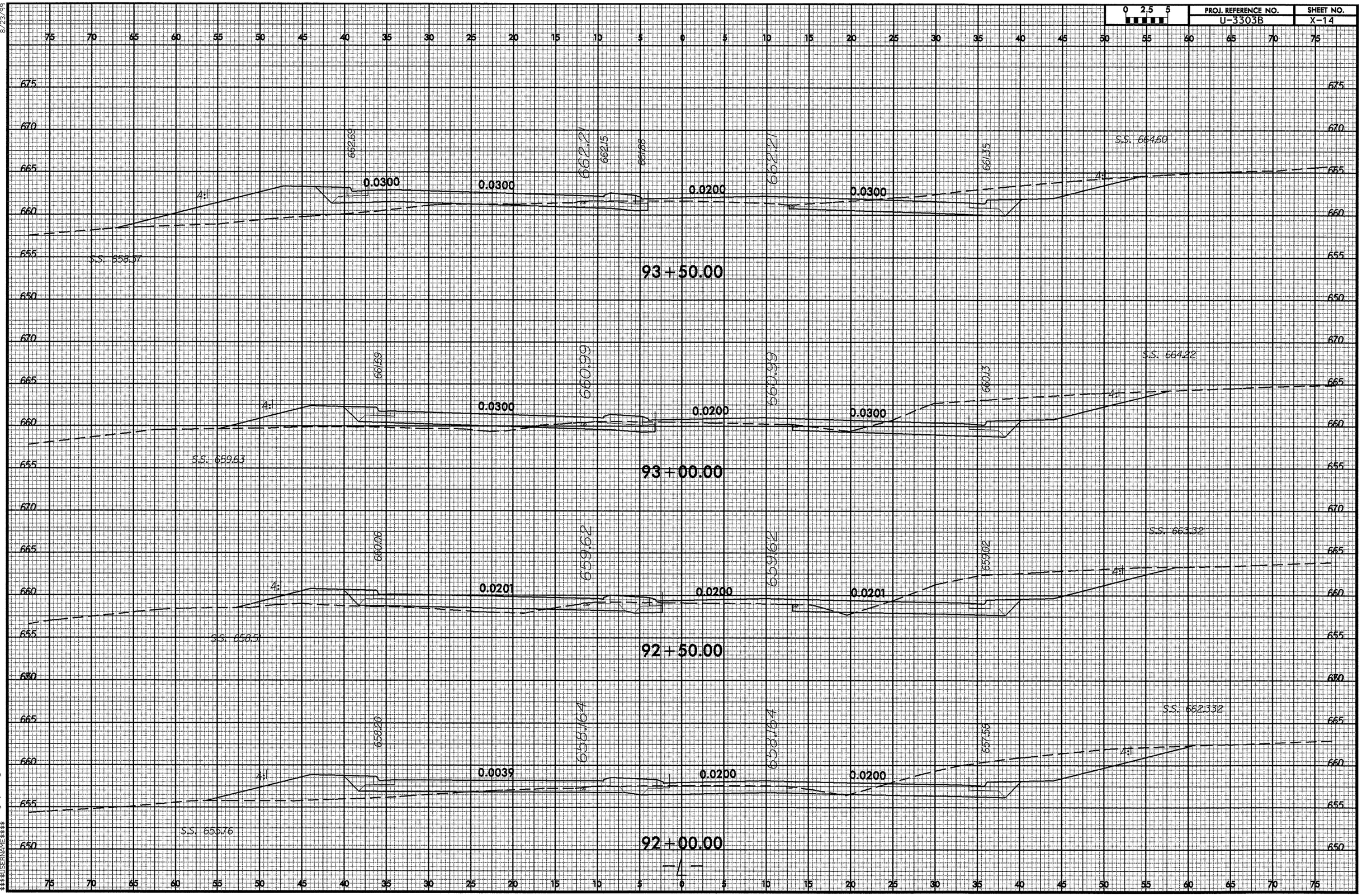

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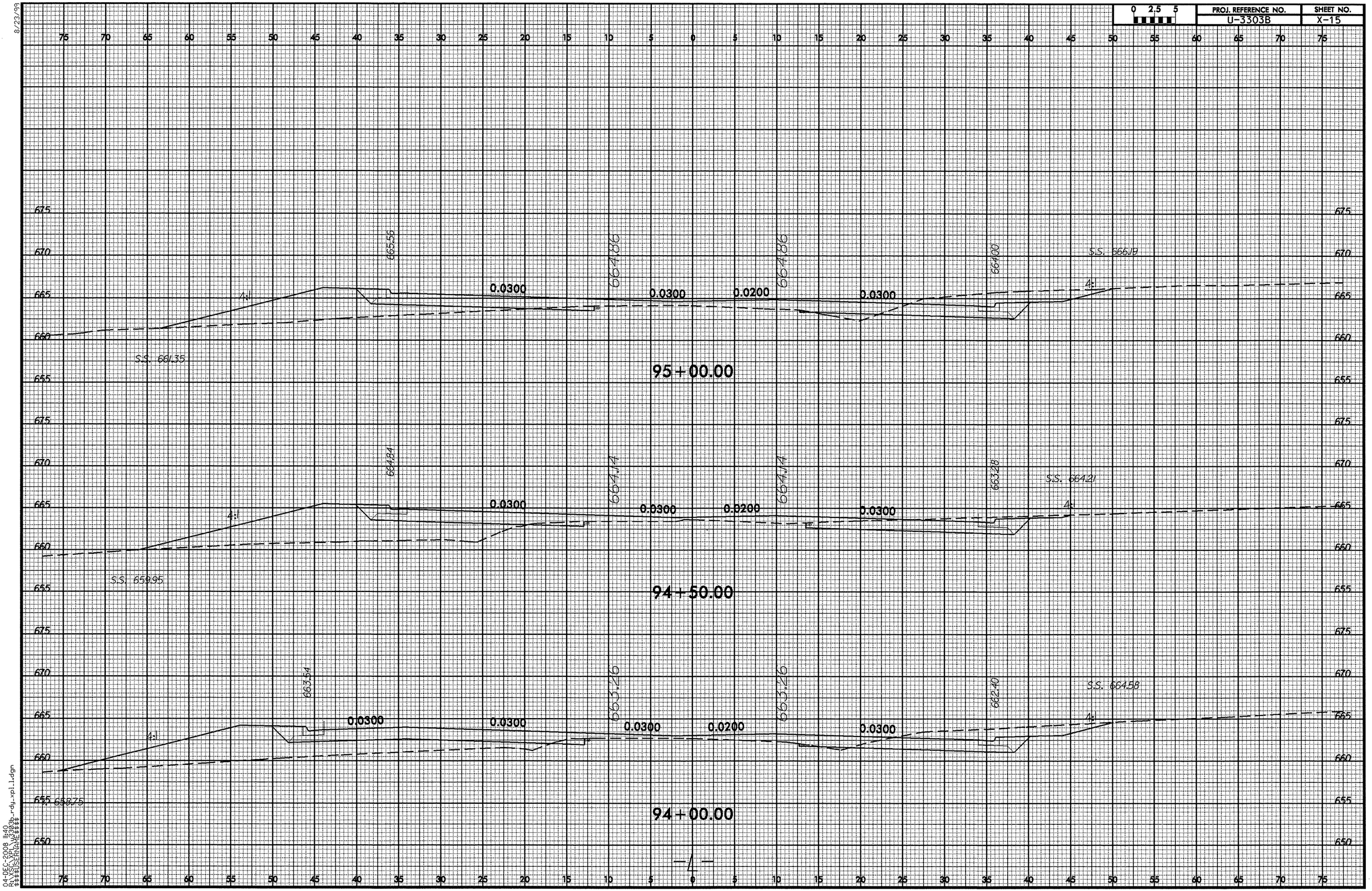
	U-3303B	X-15



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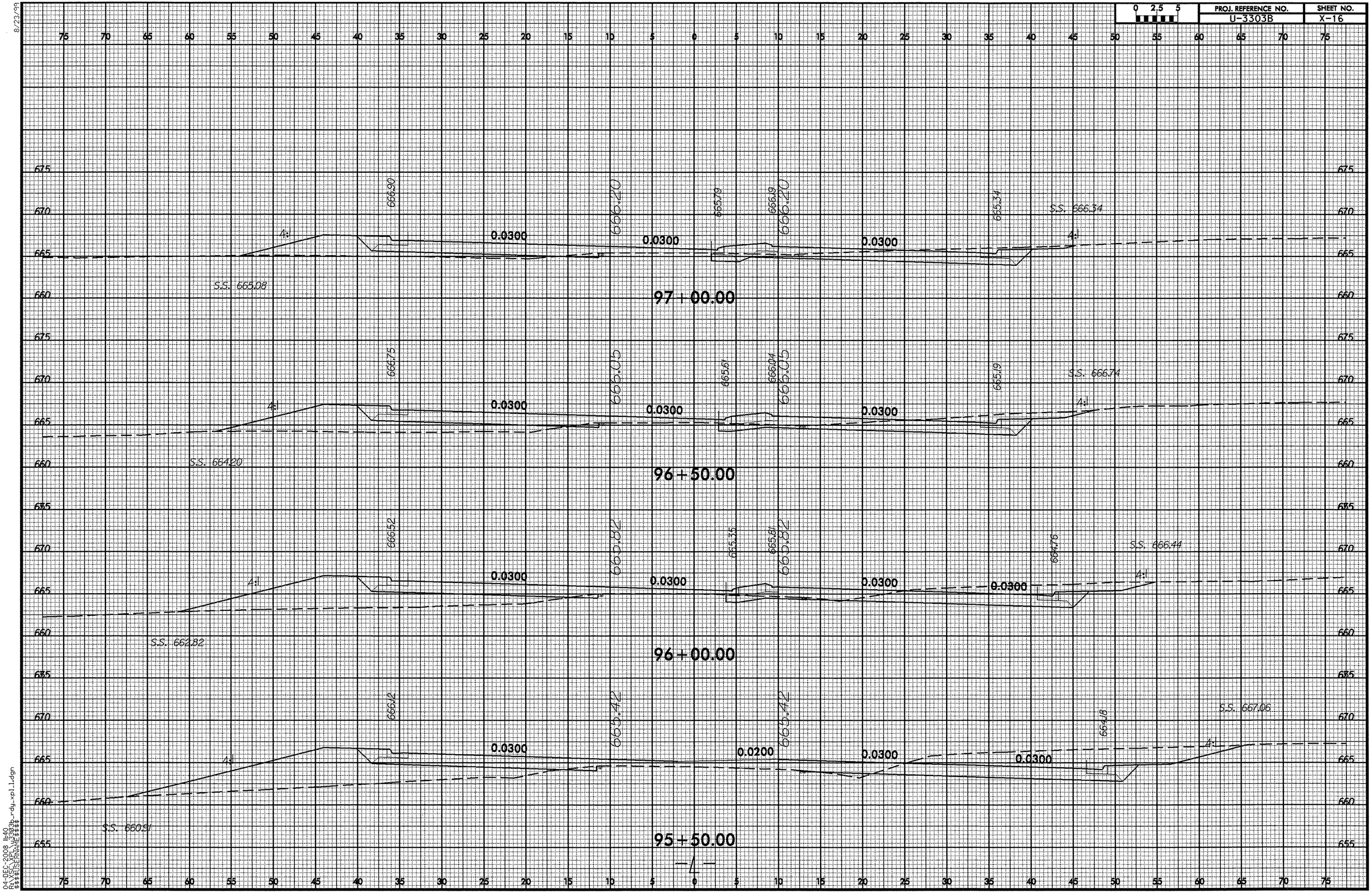

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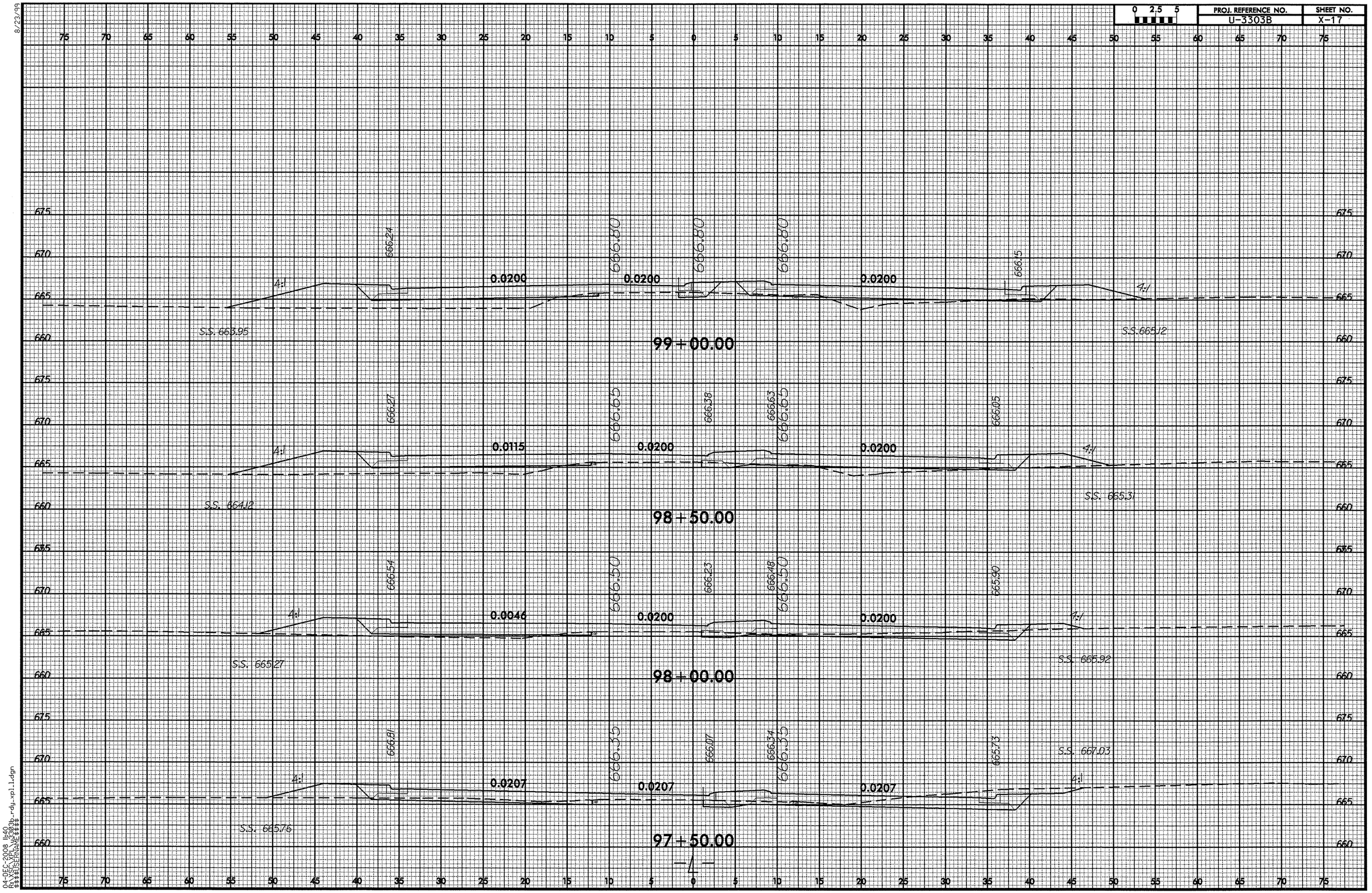

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8/23/99

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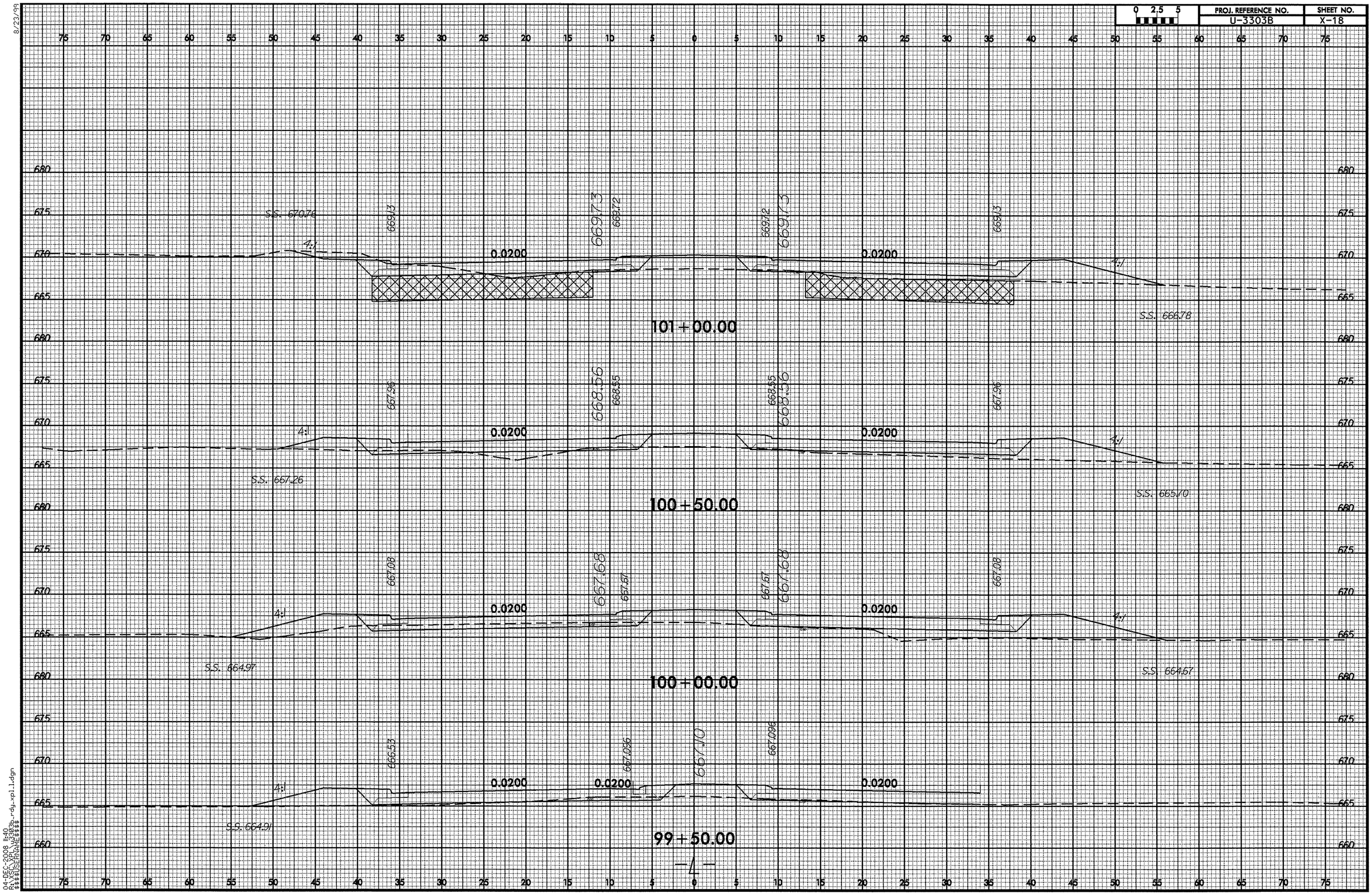
	U-3303B	X-18



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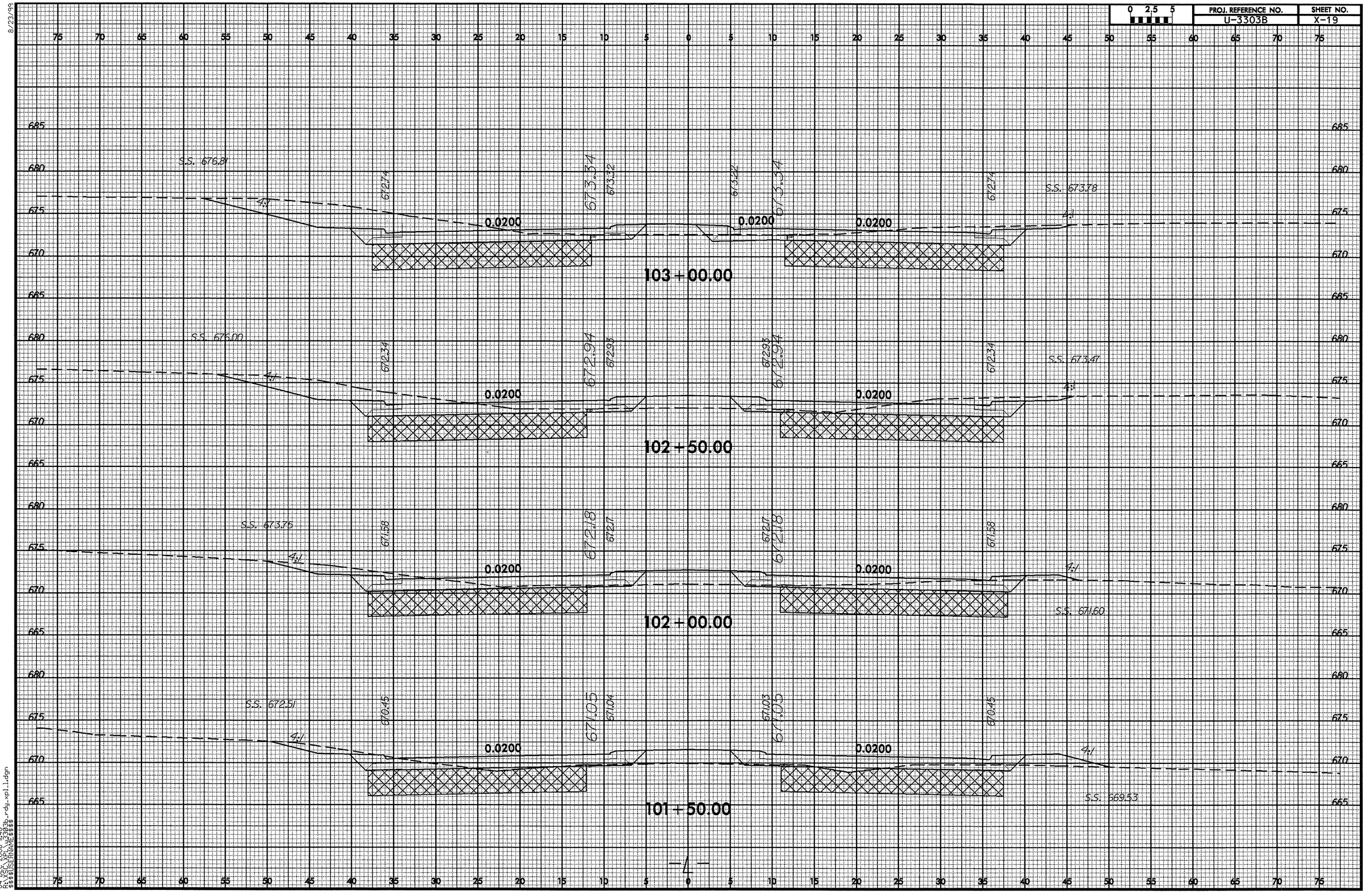

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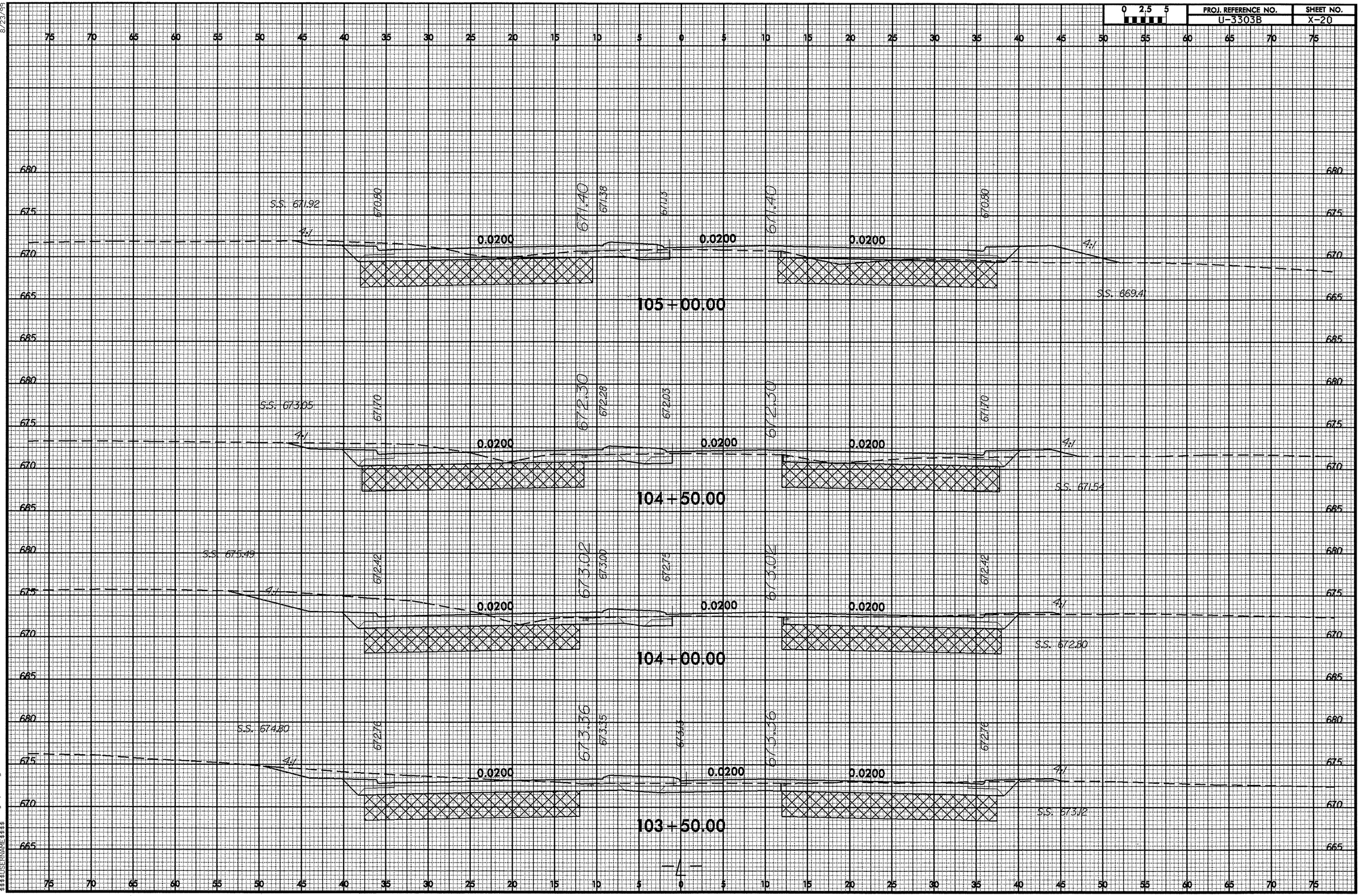

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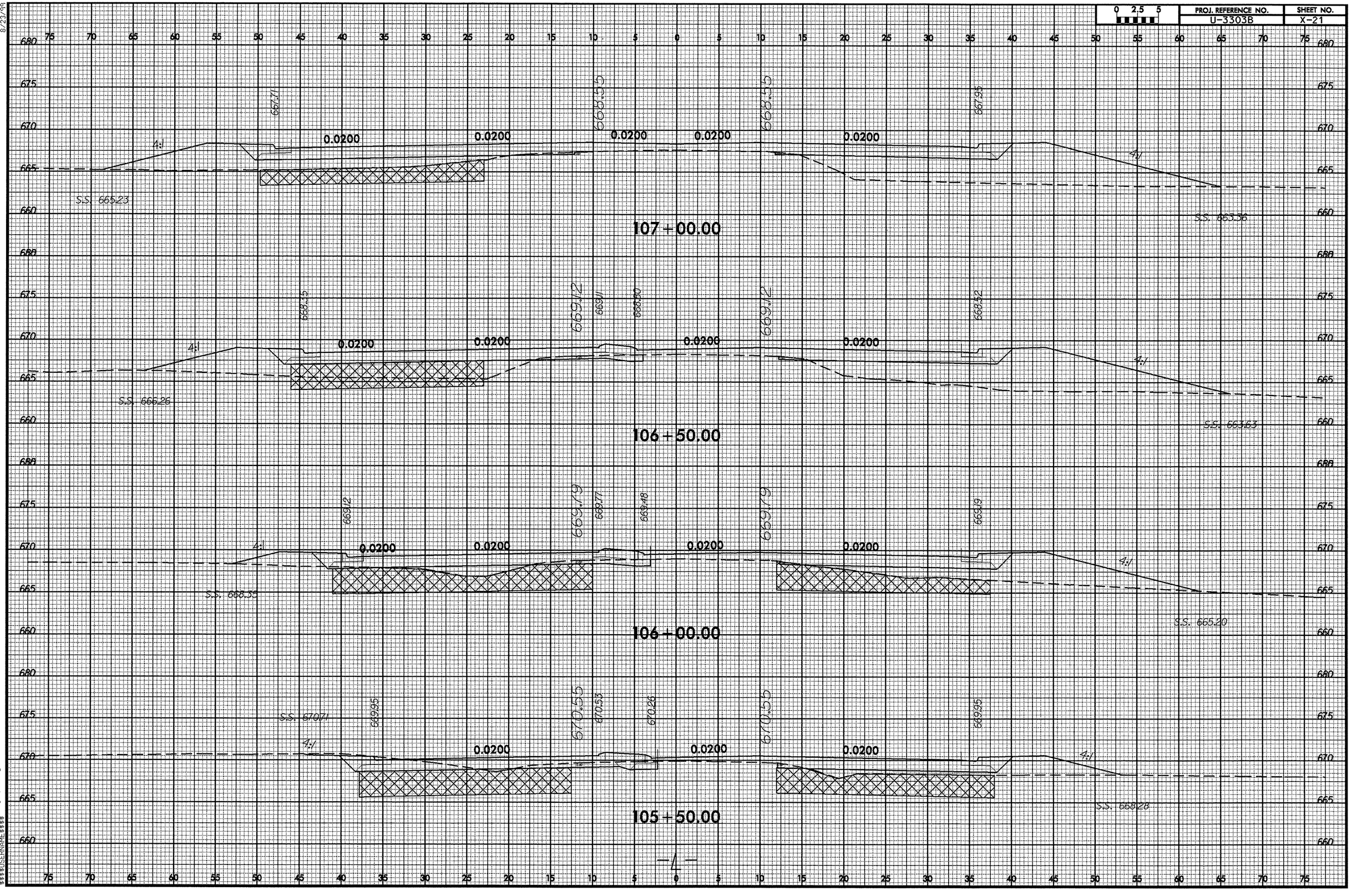

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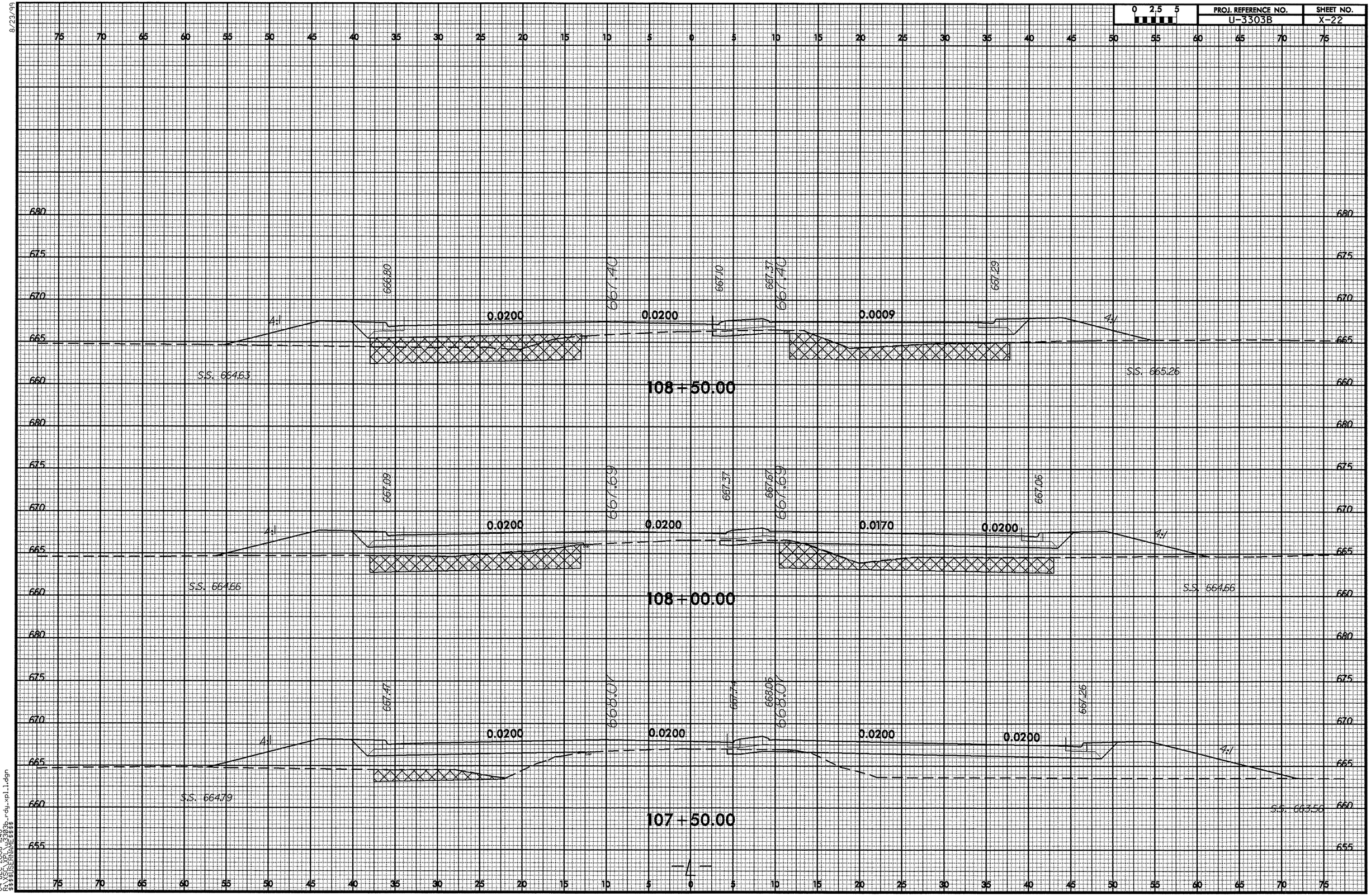

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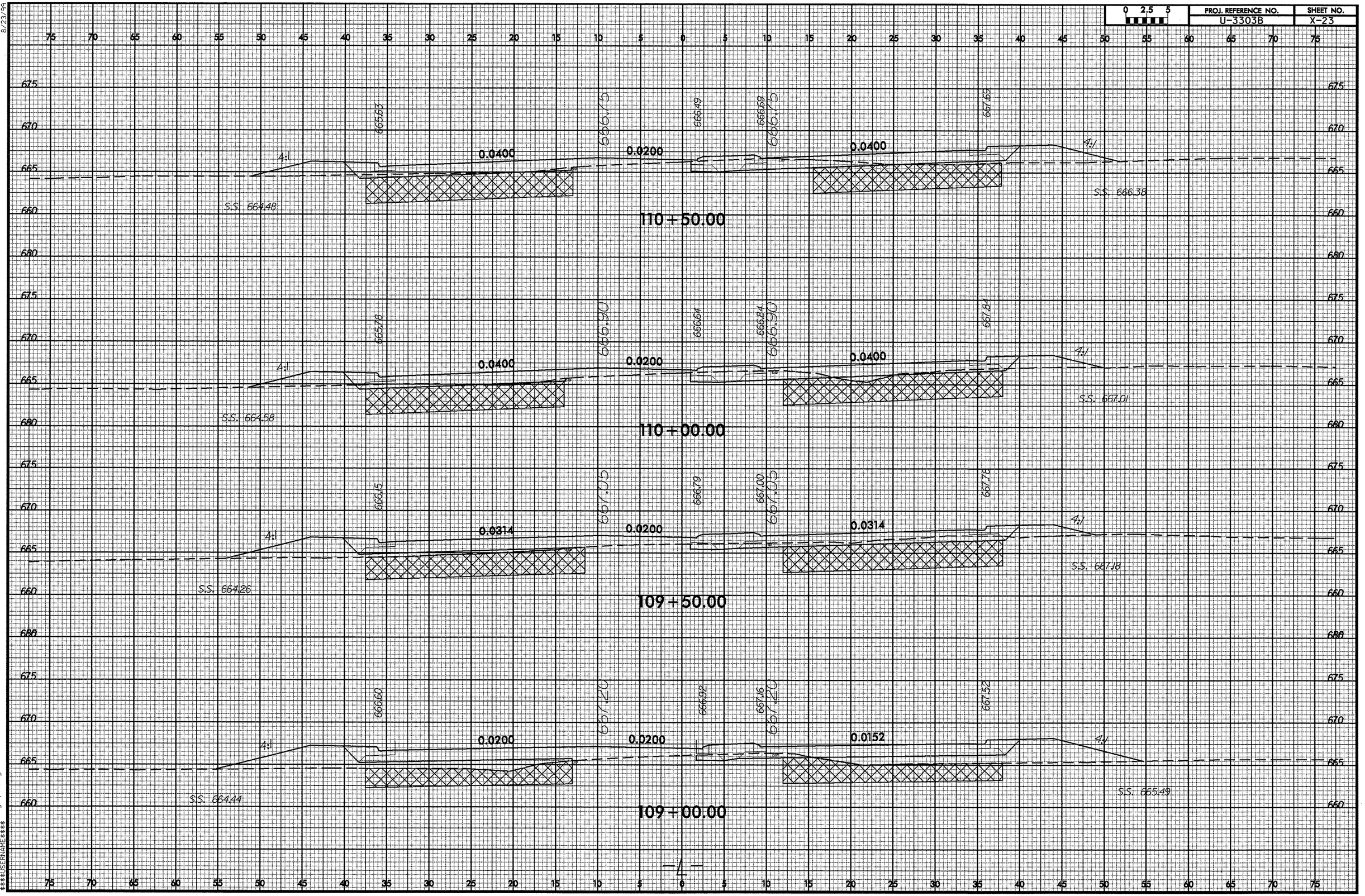

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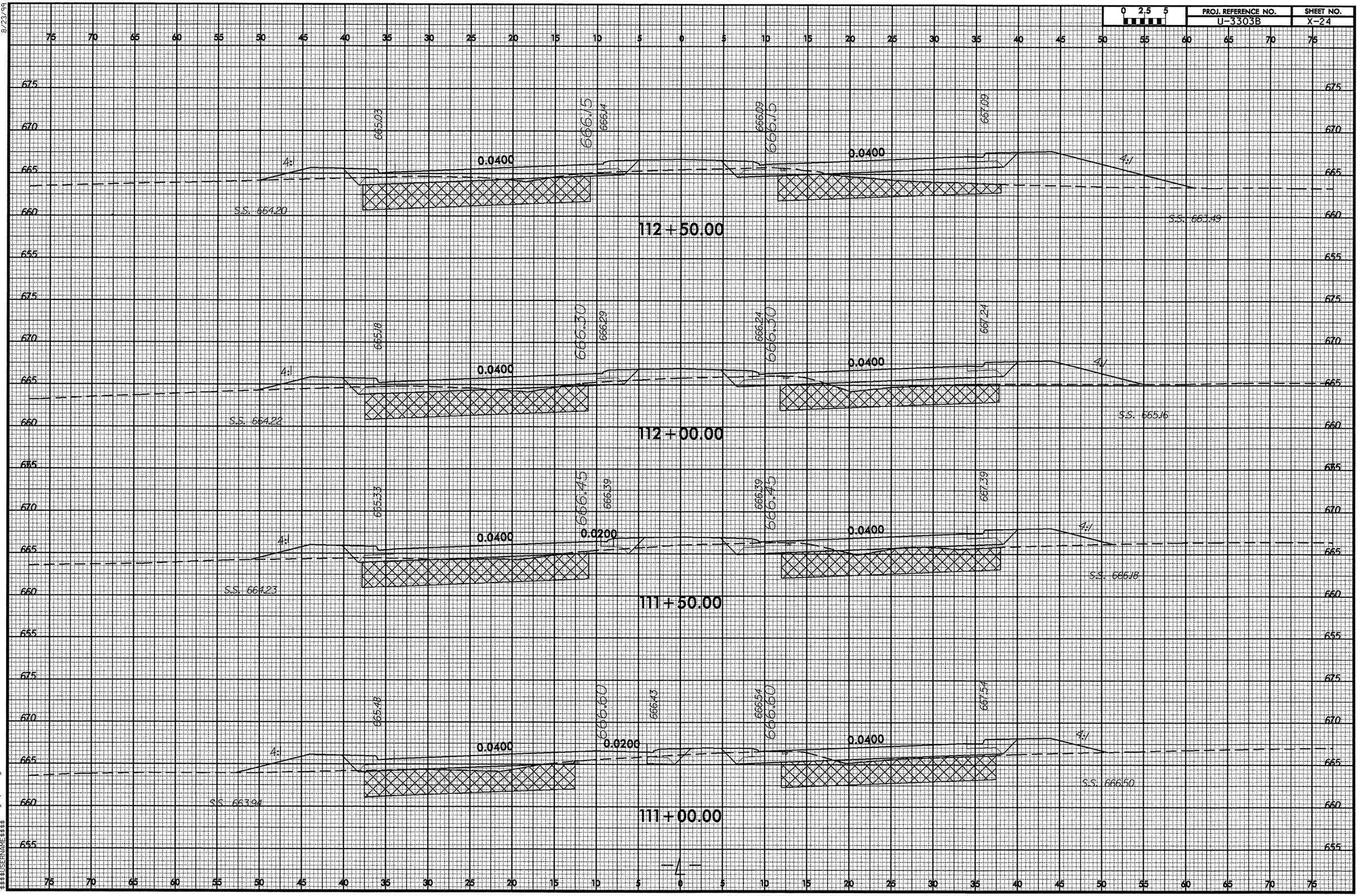

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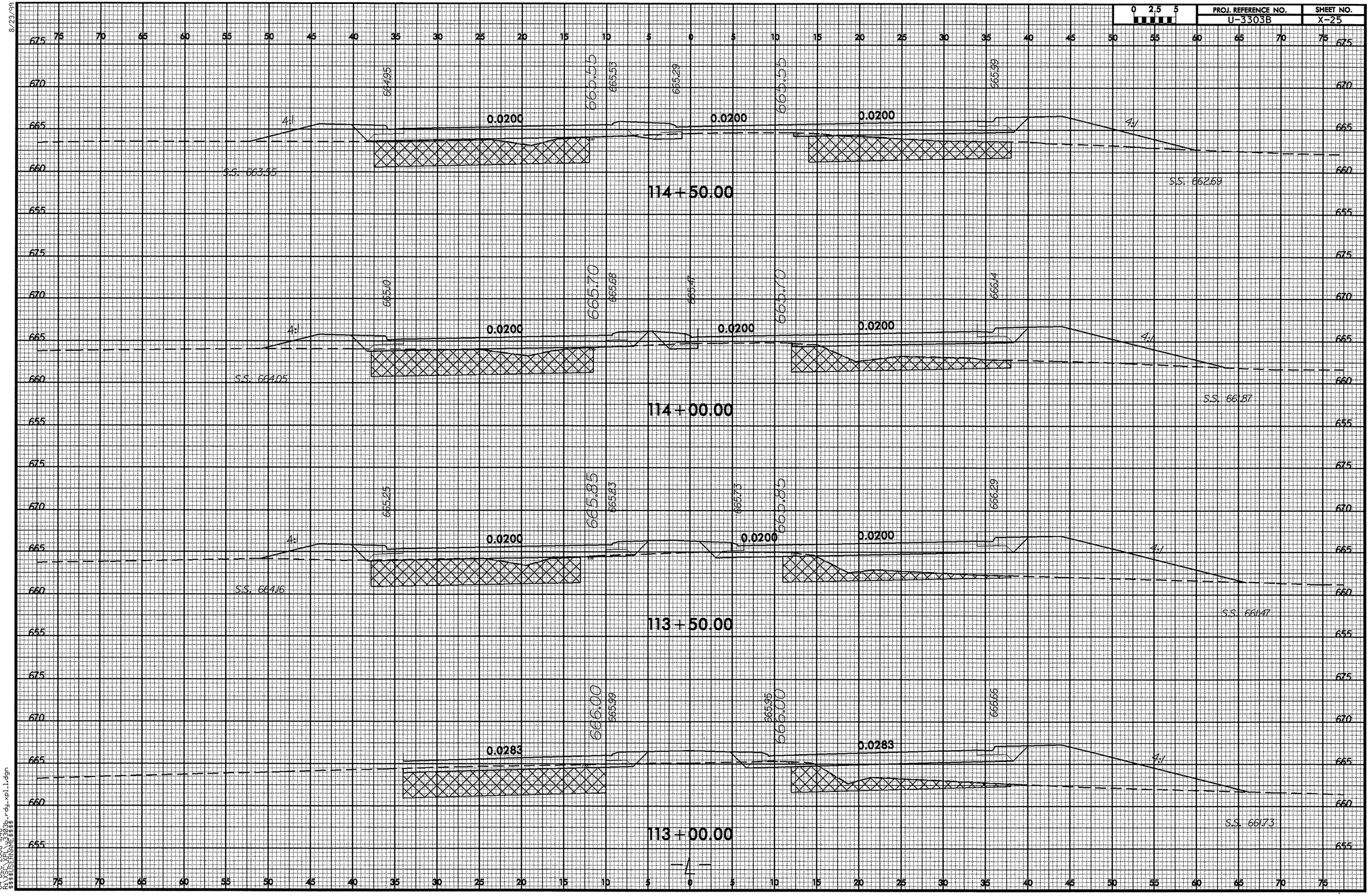

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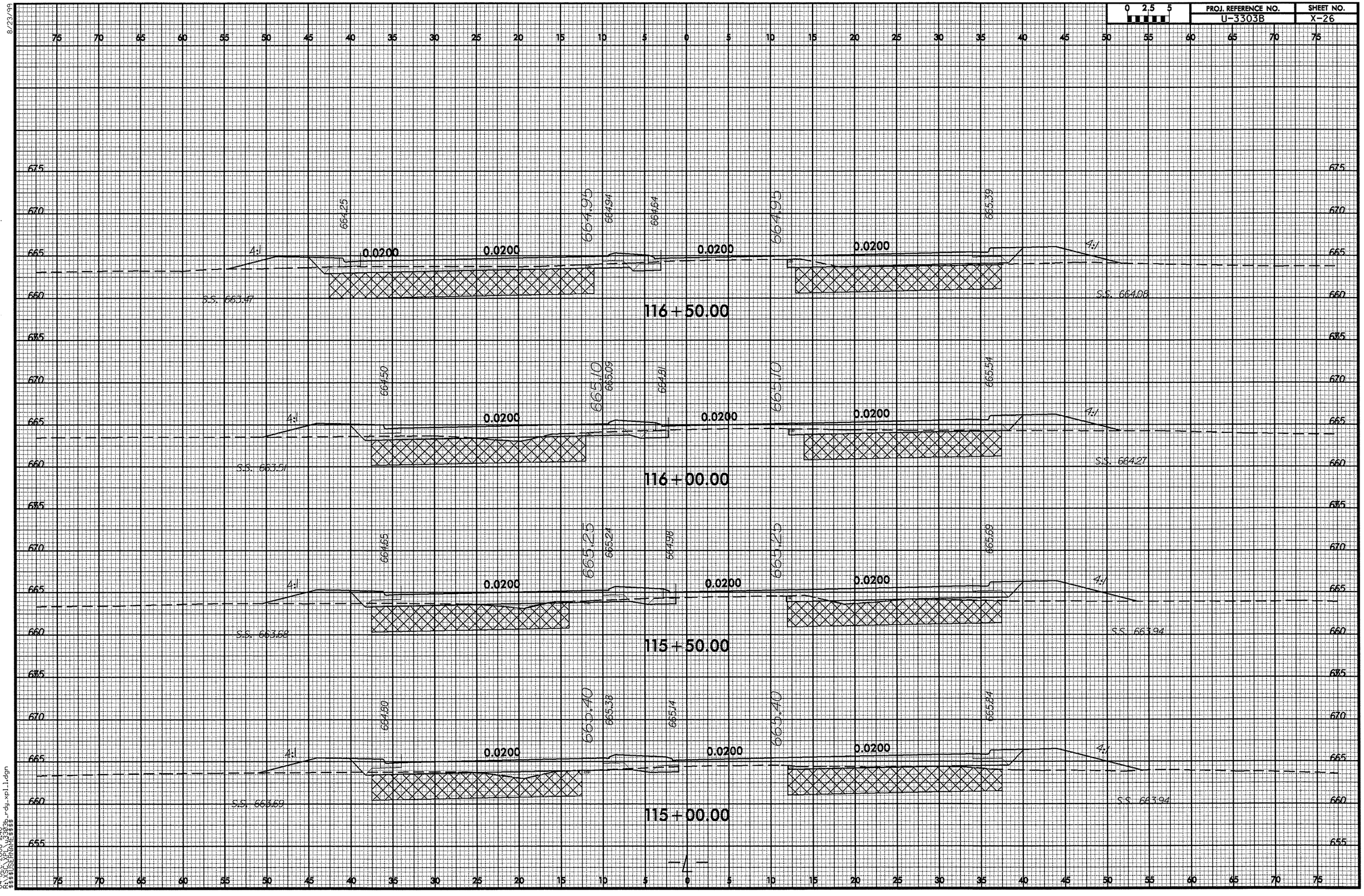

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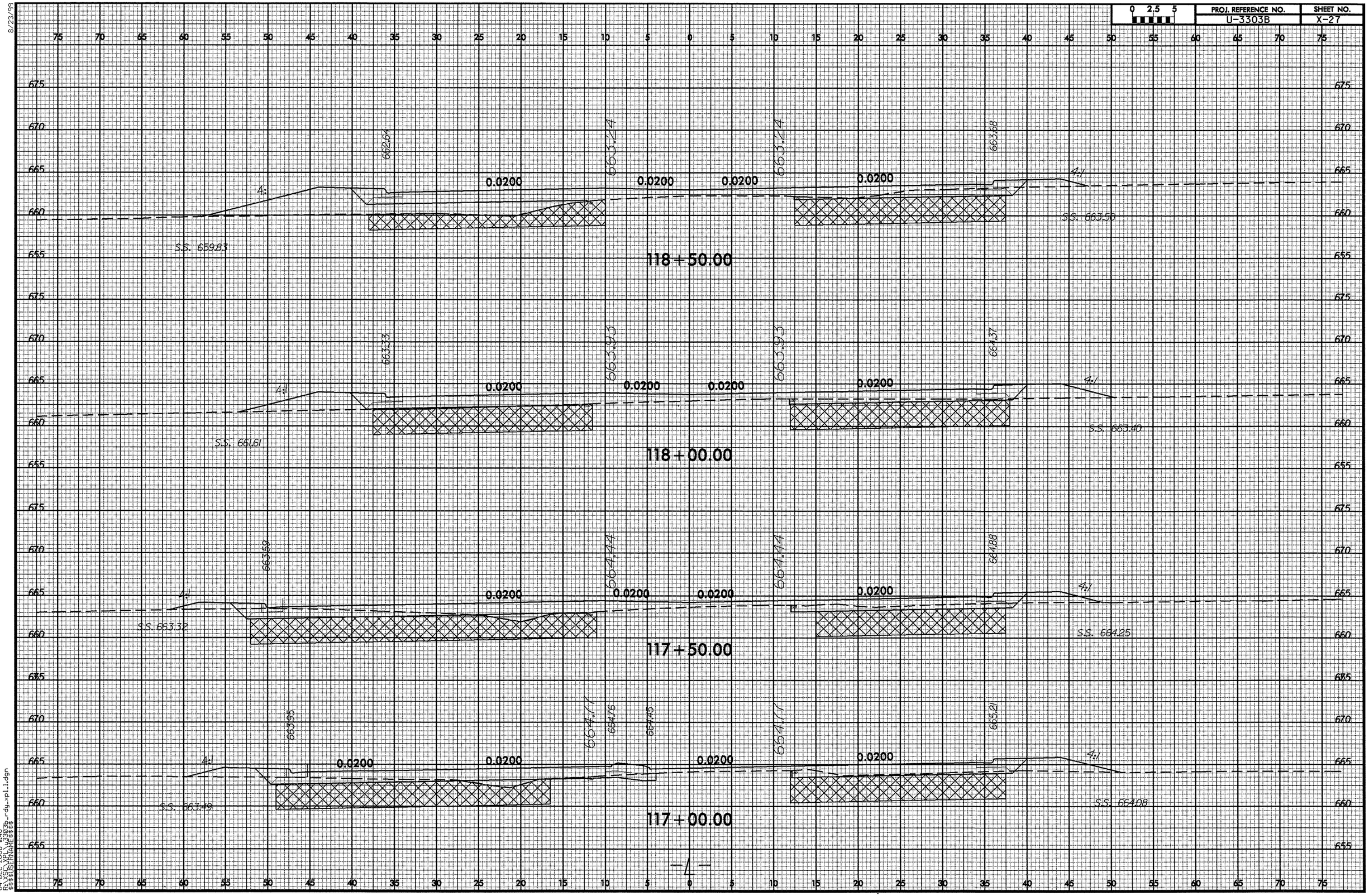

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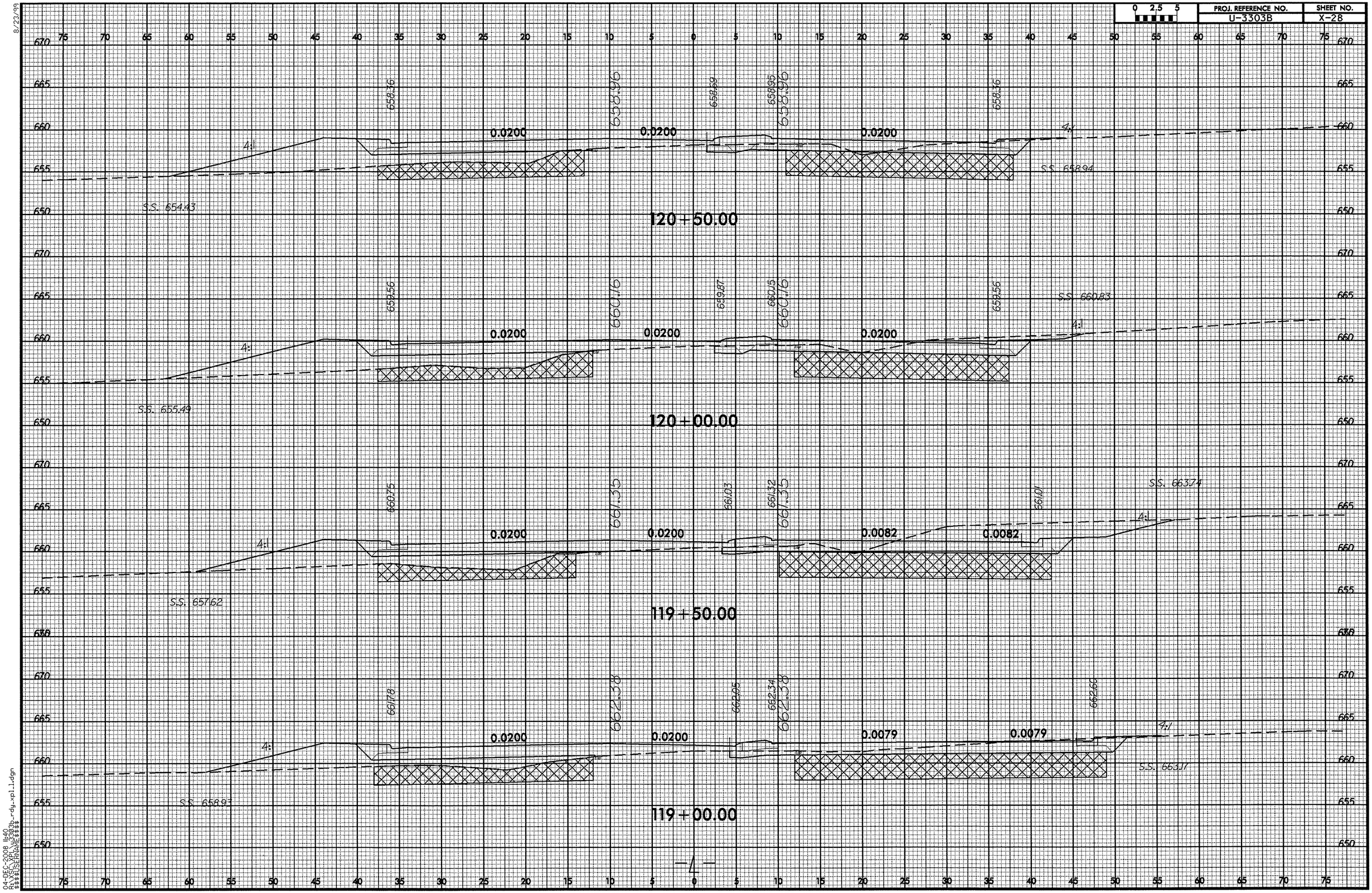

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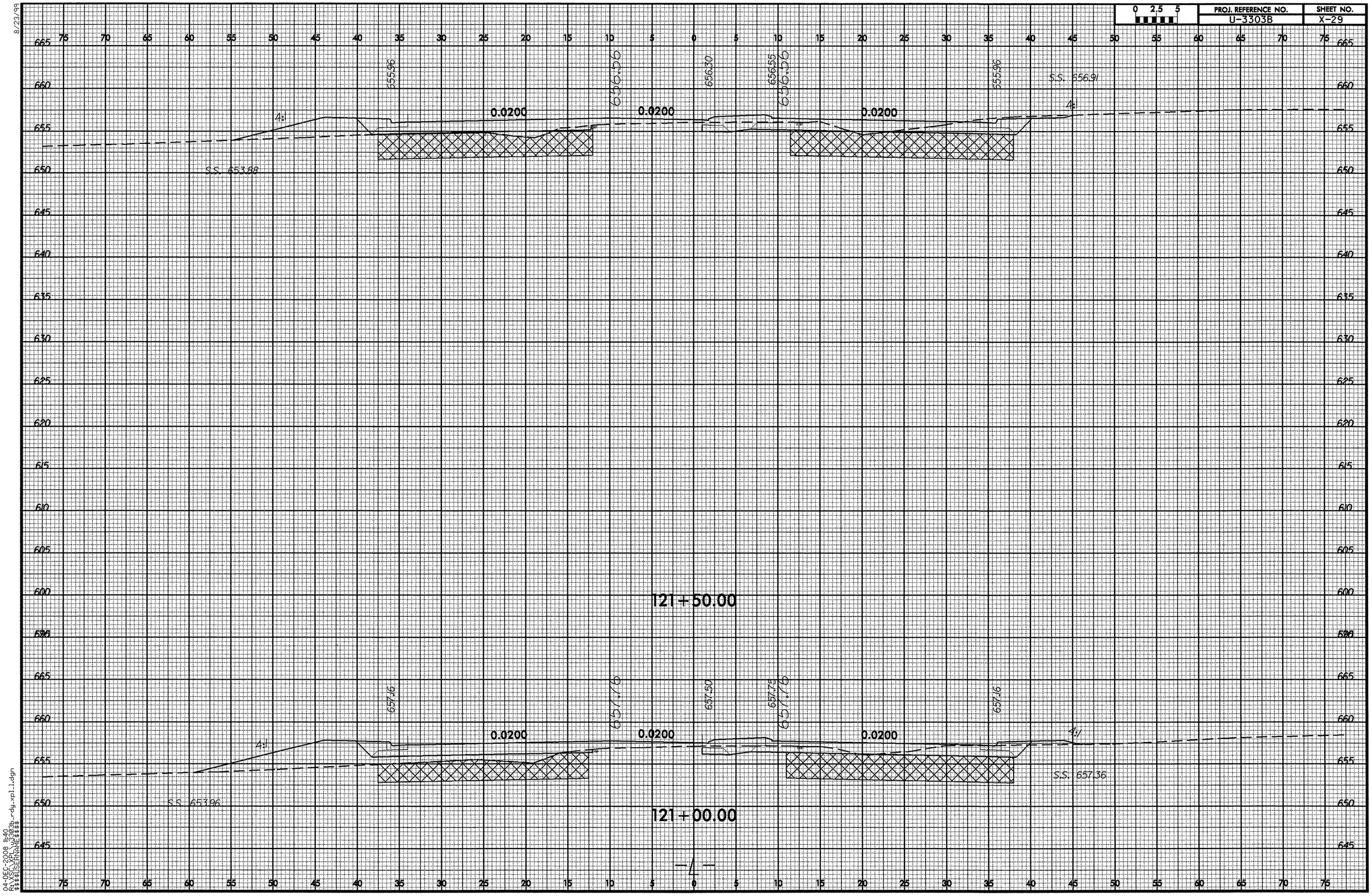

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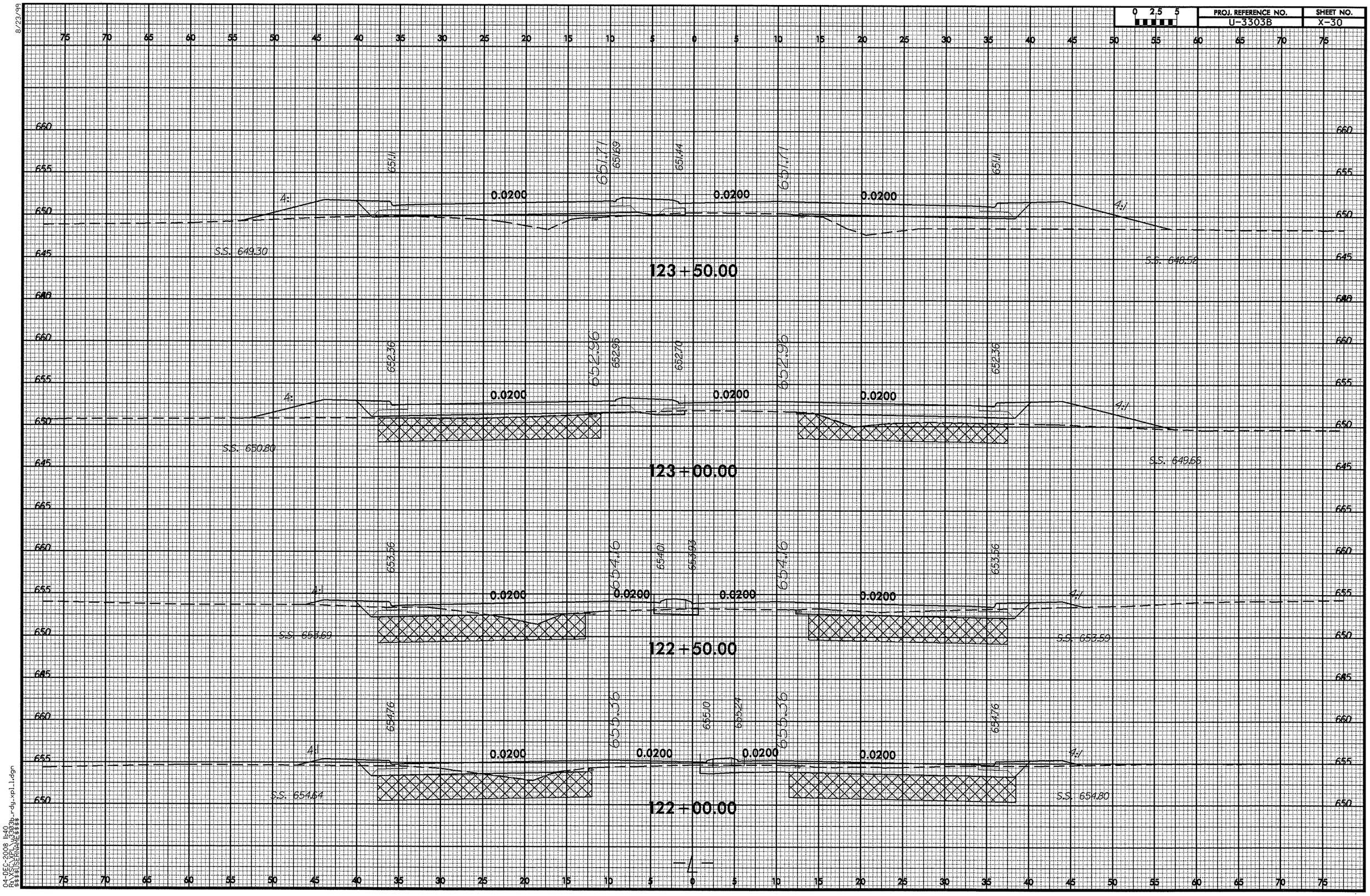

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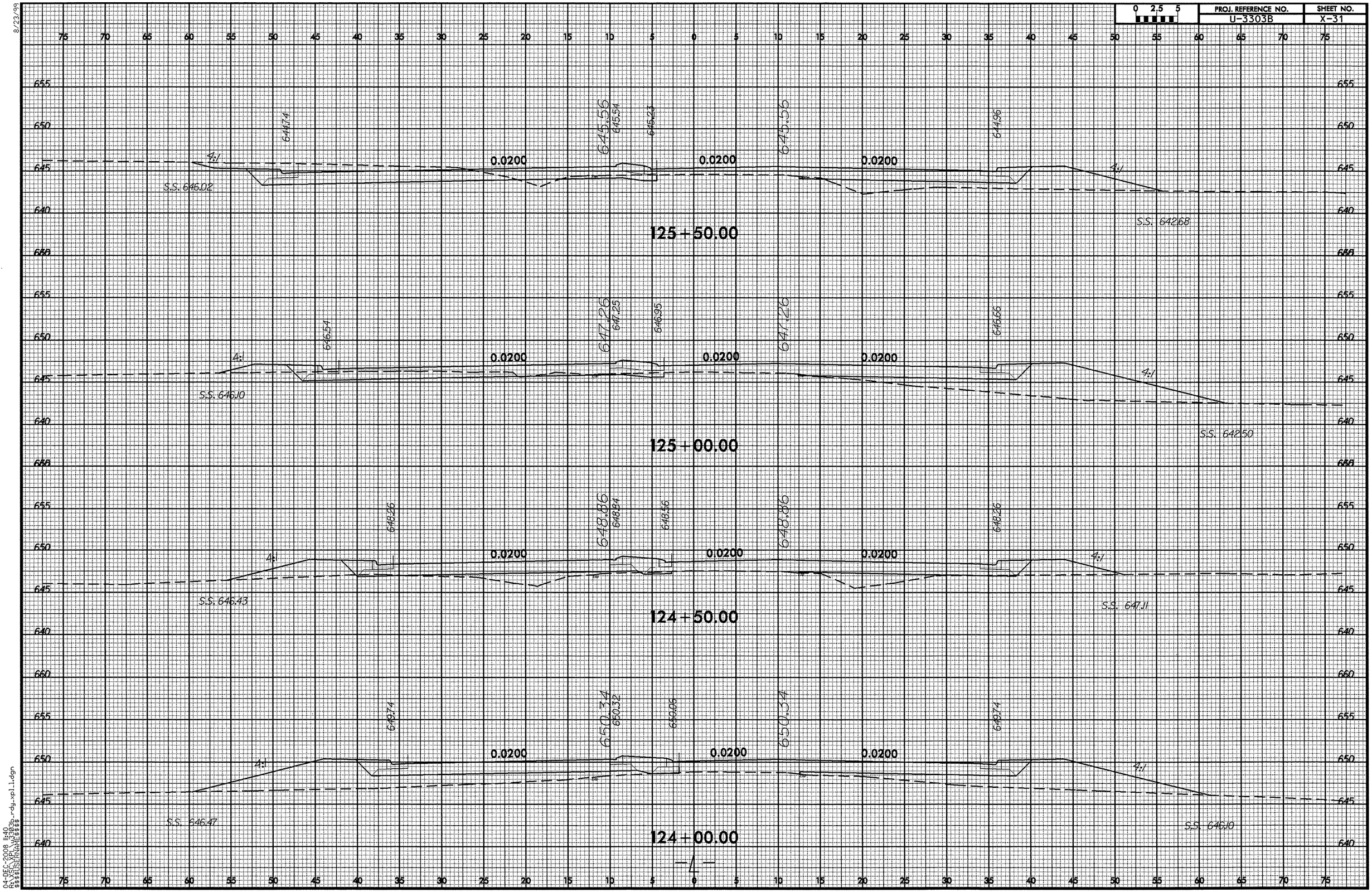

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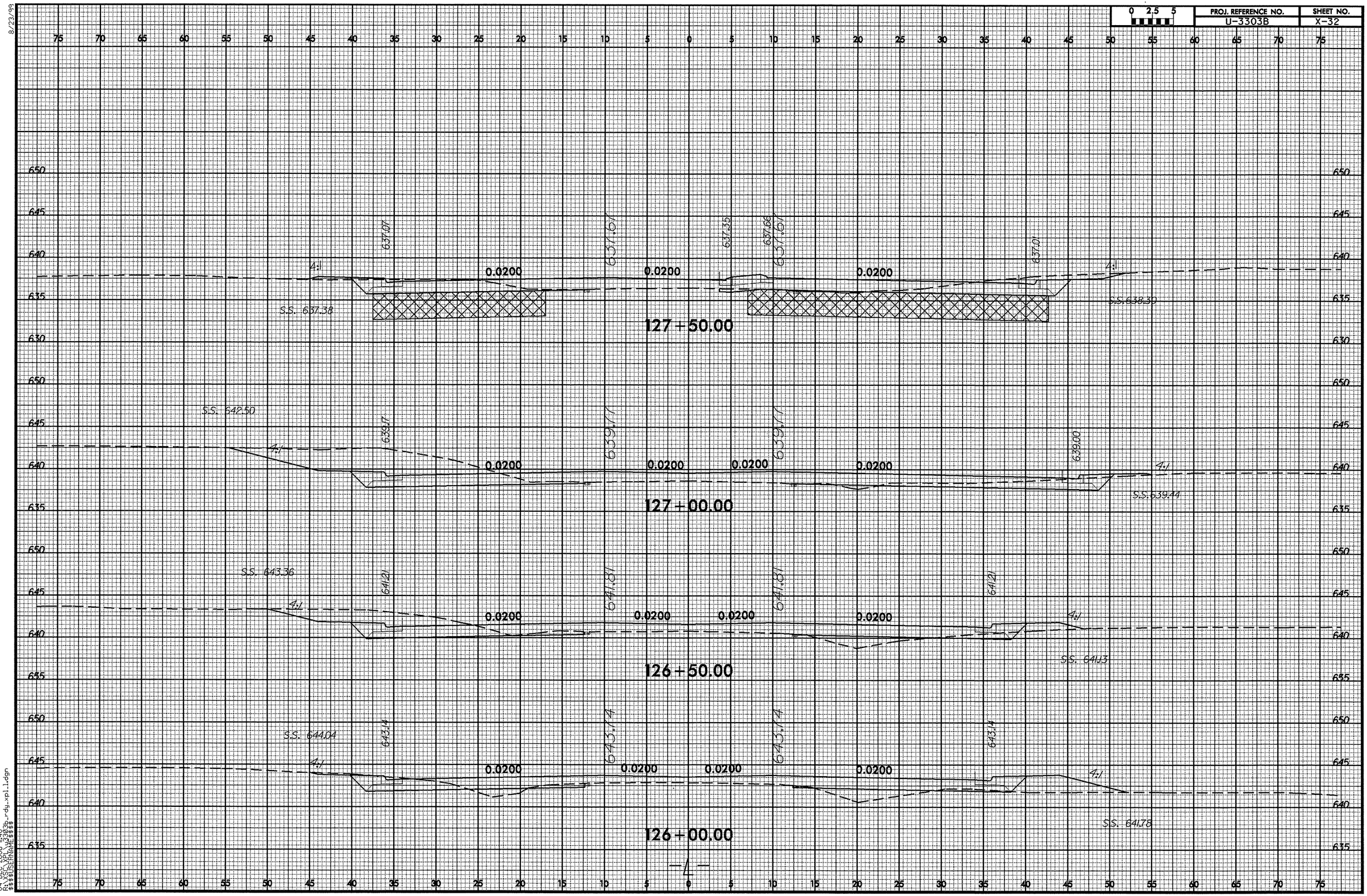

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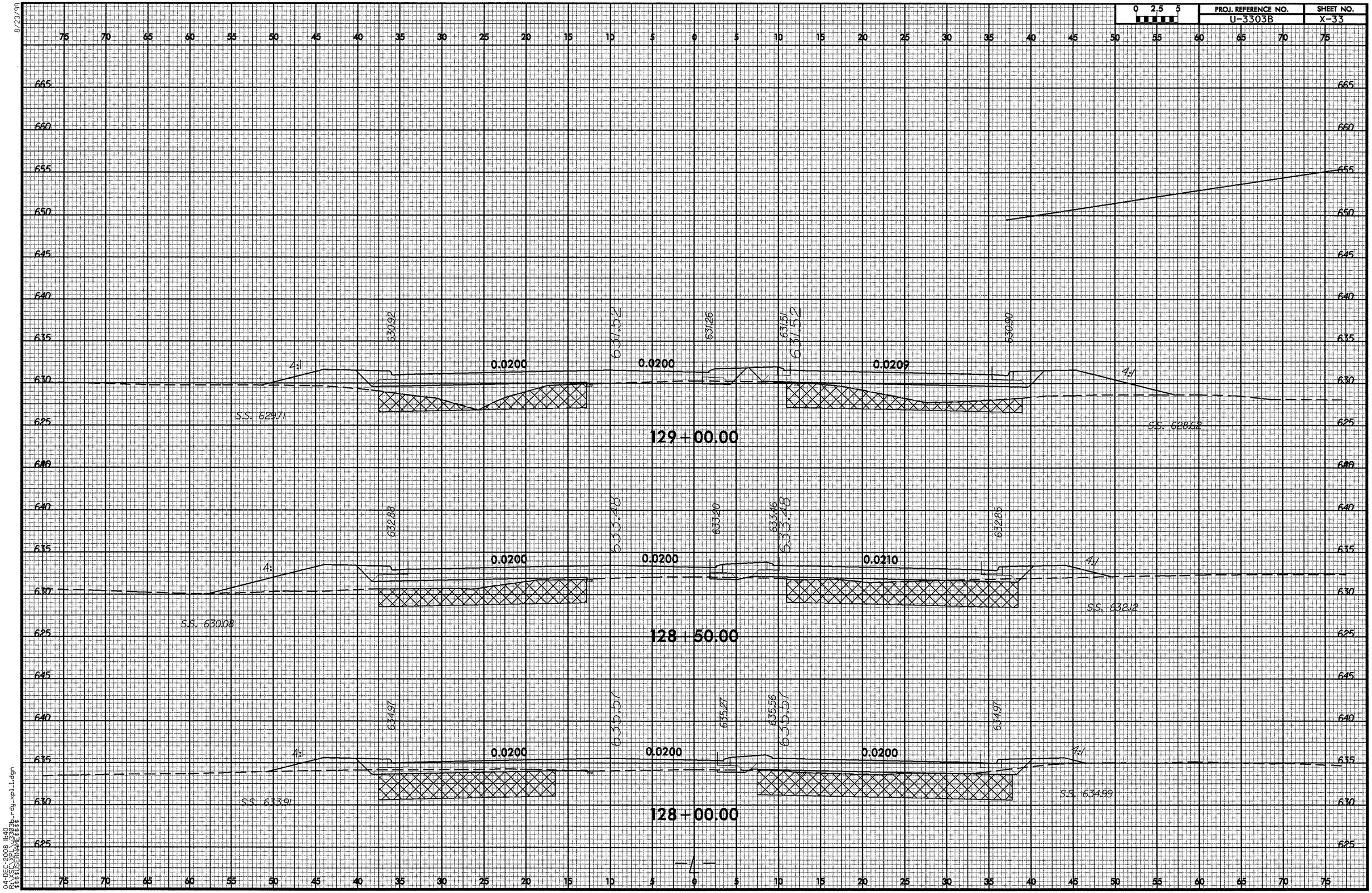

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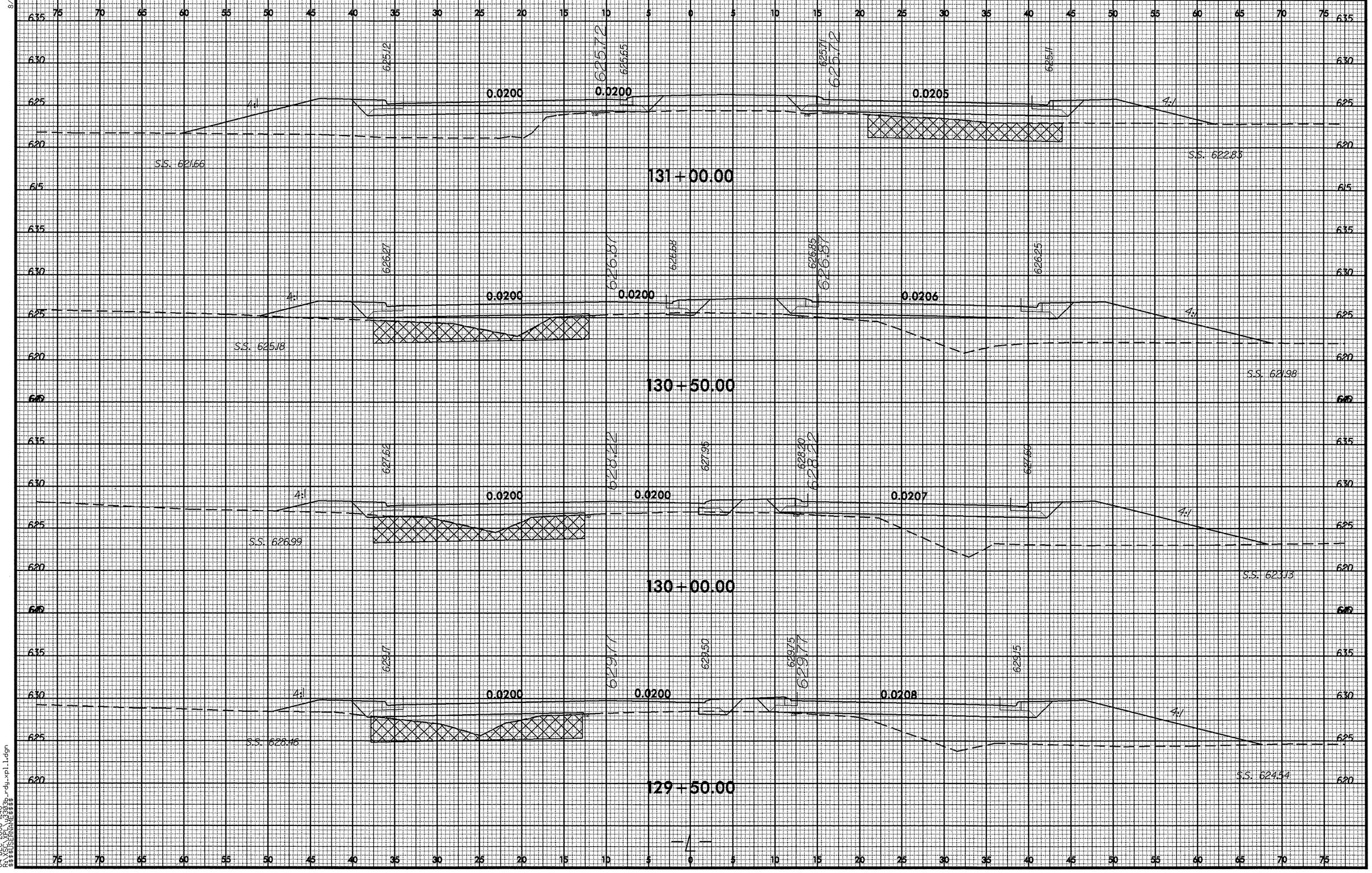

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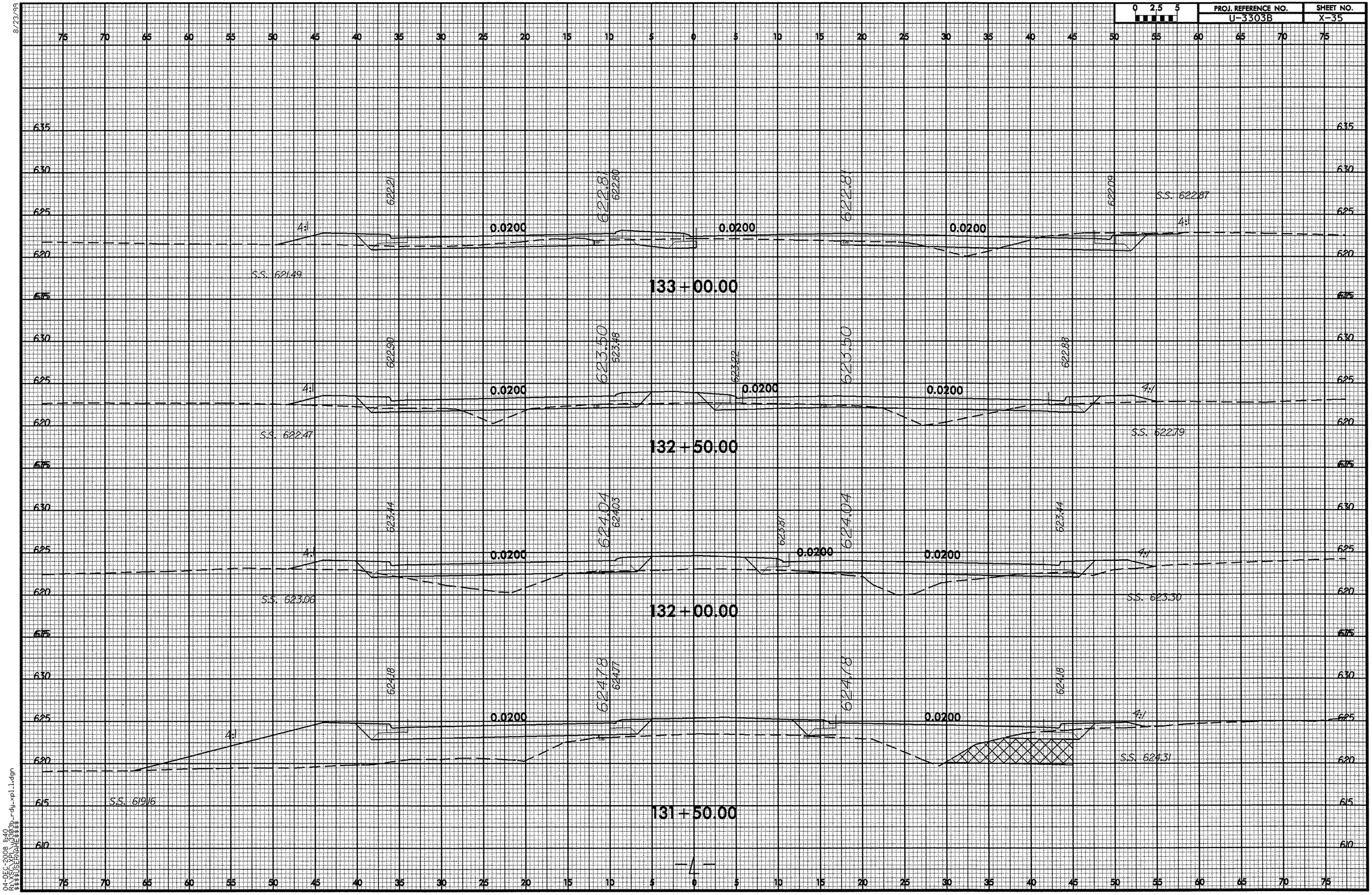

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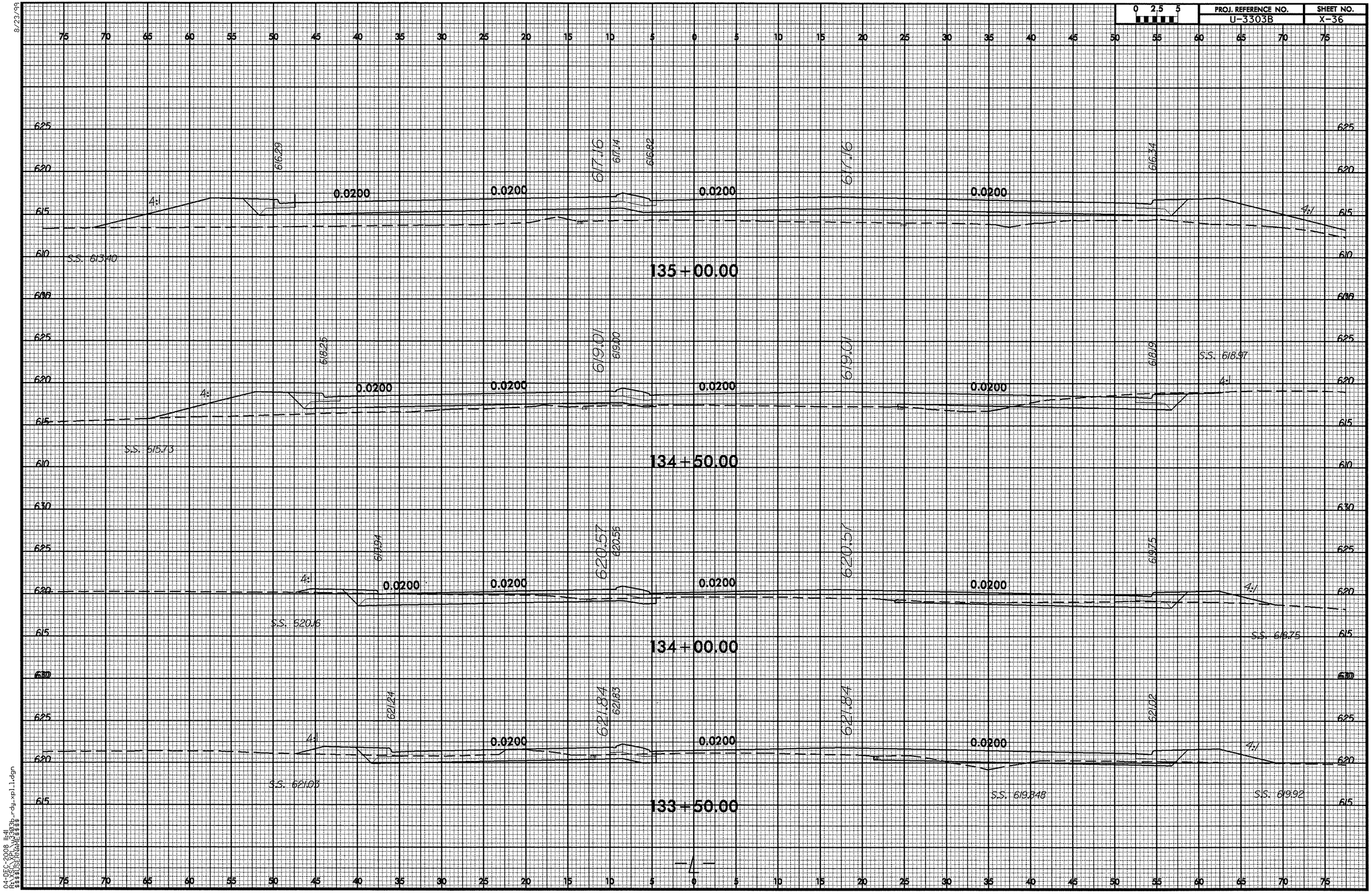

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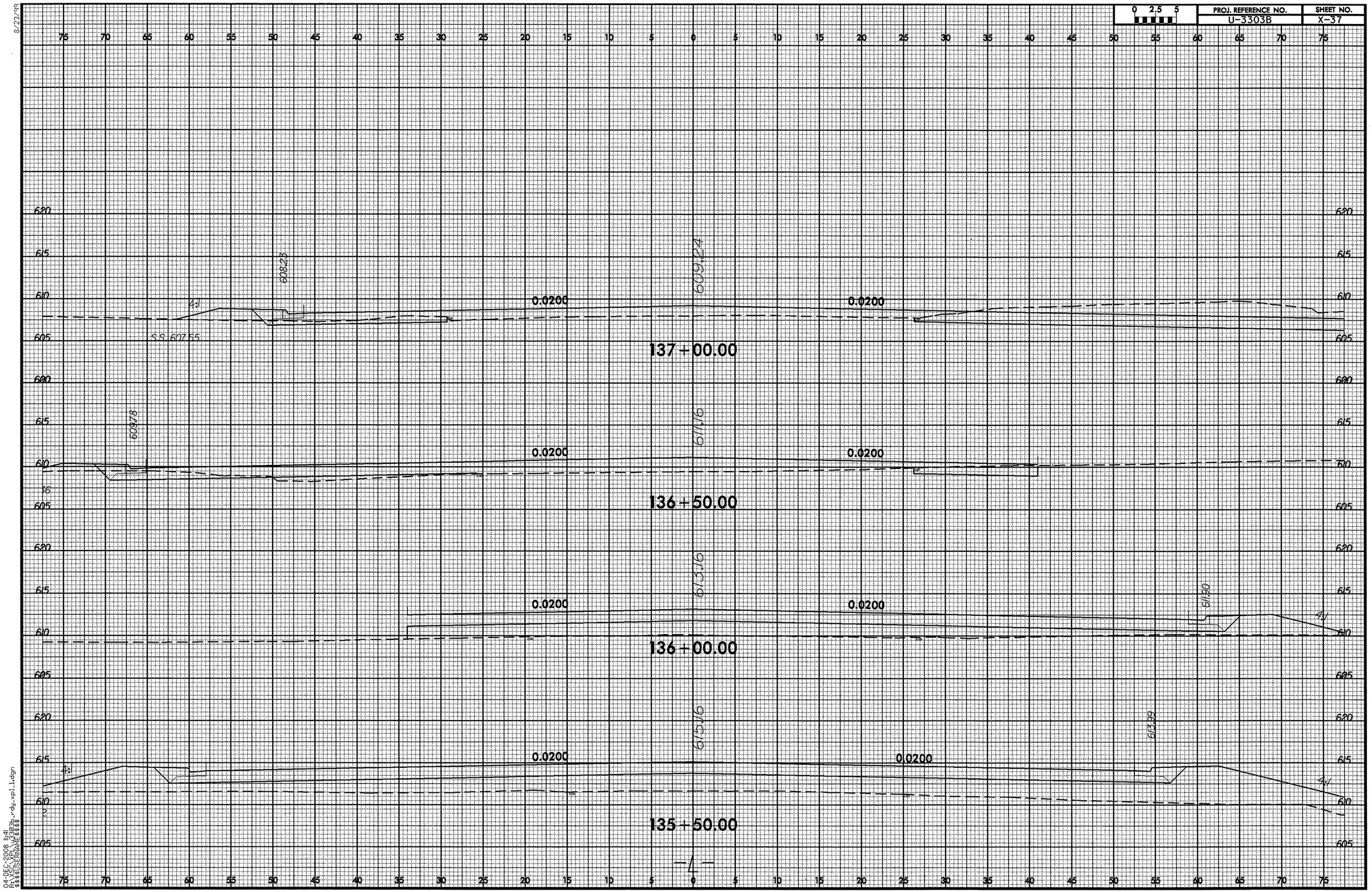

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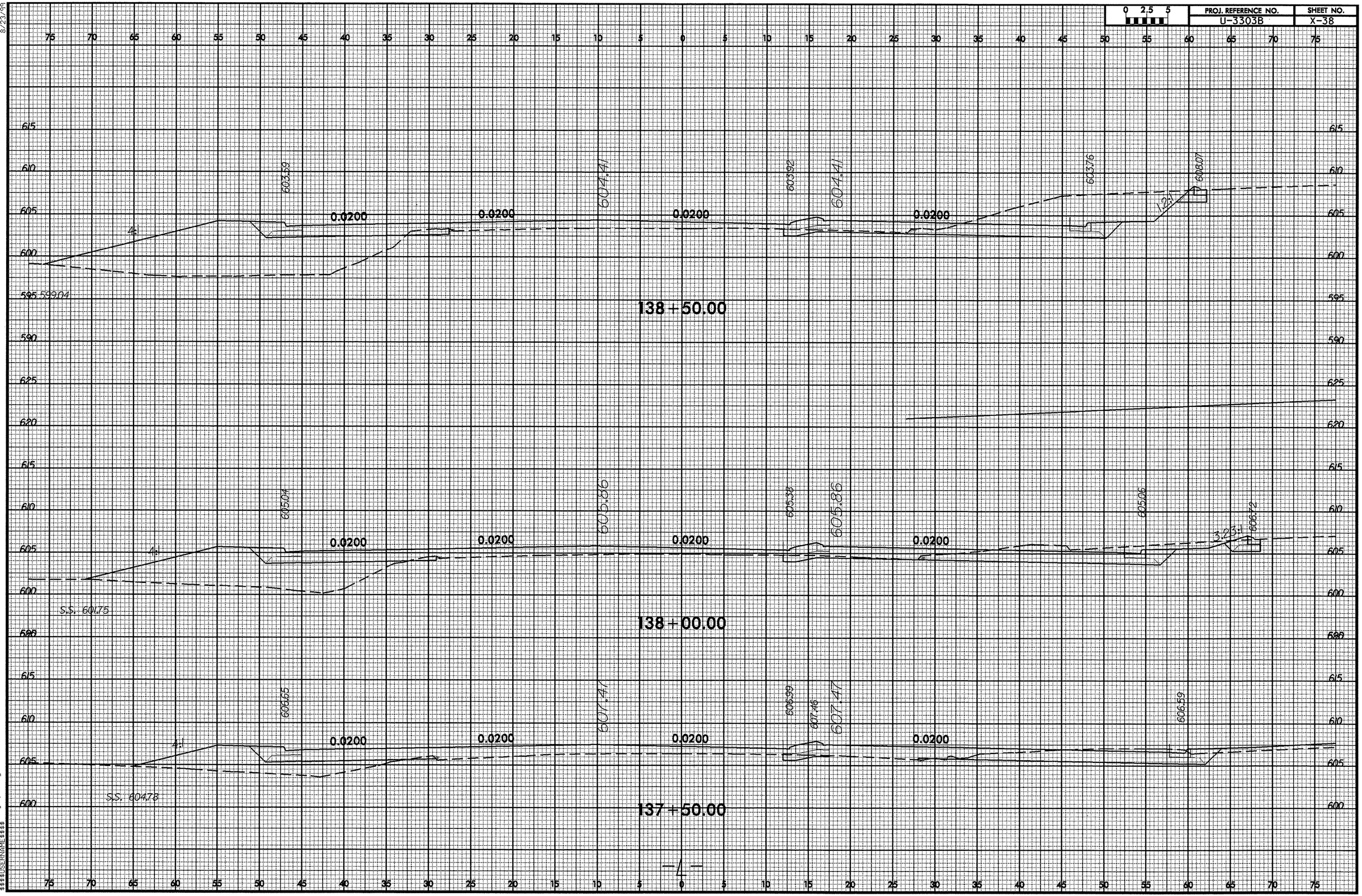

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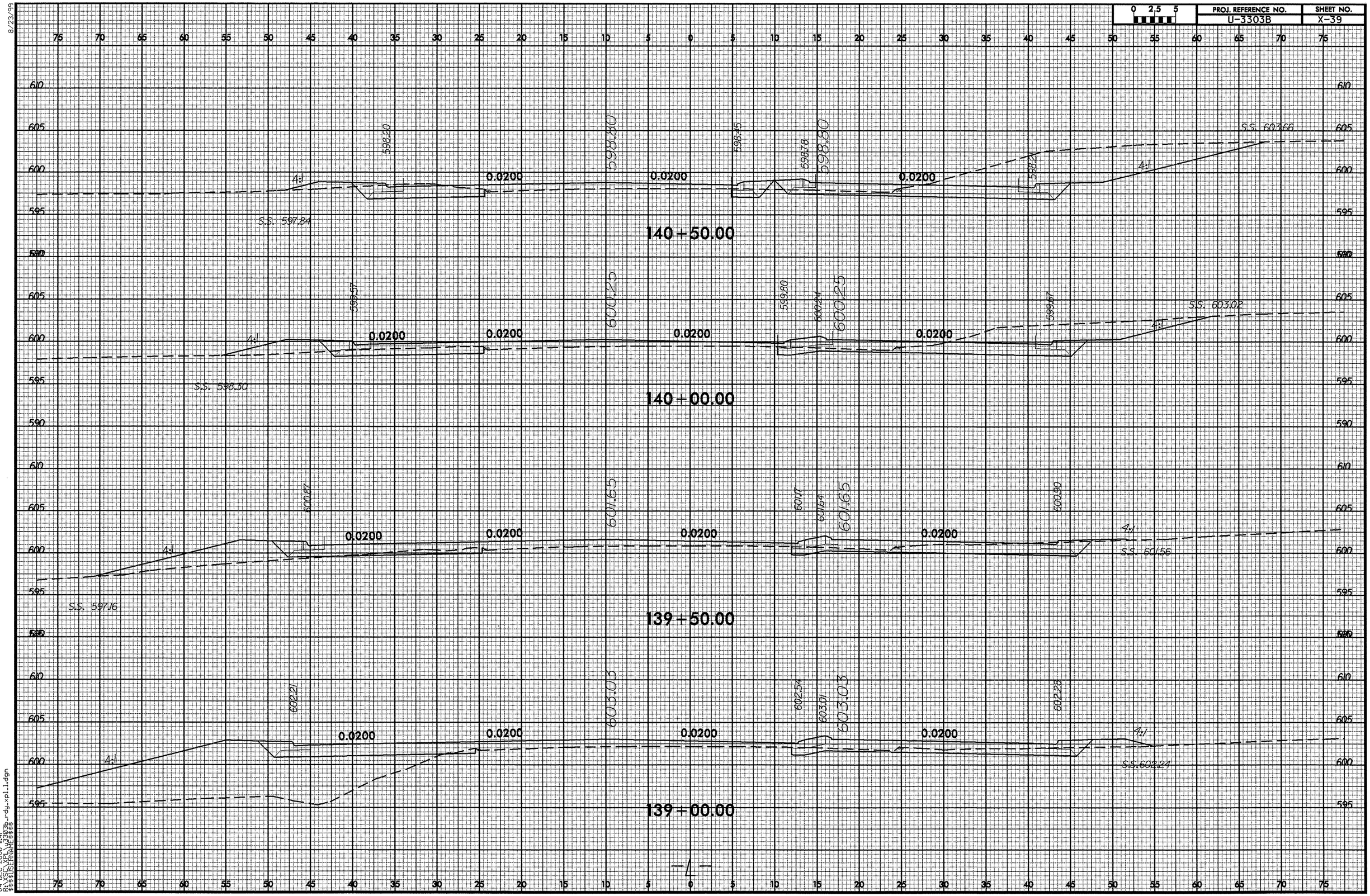

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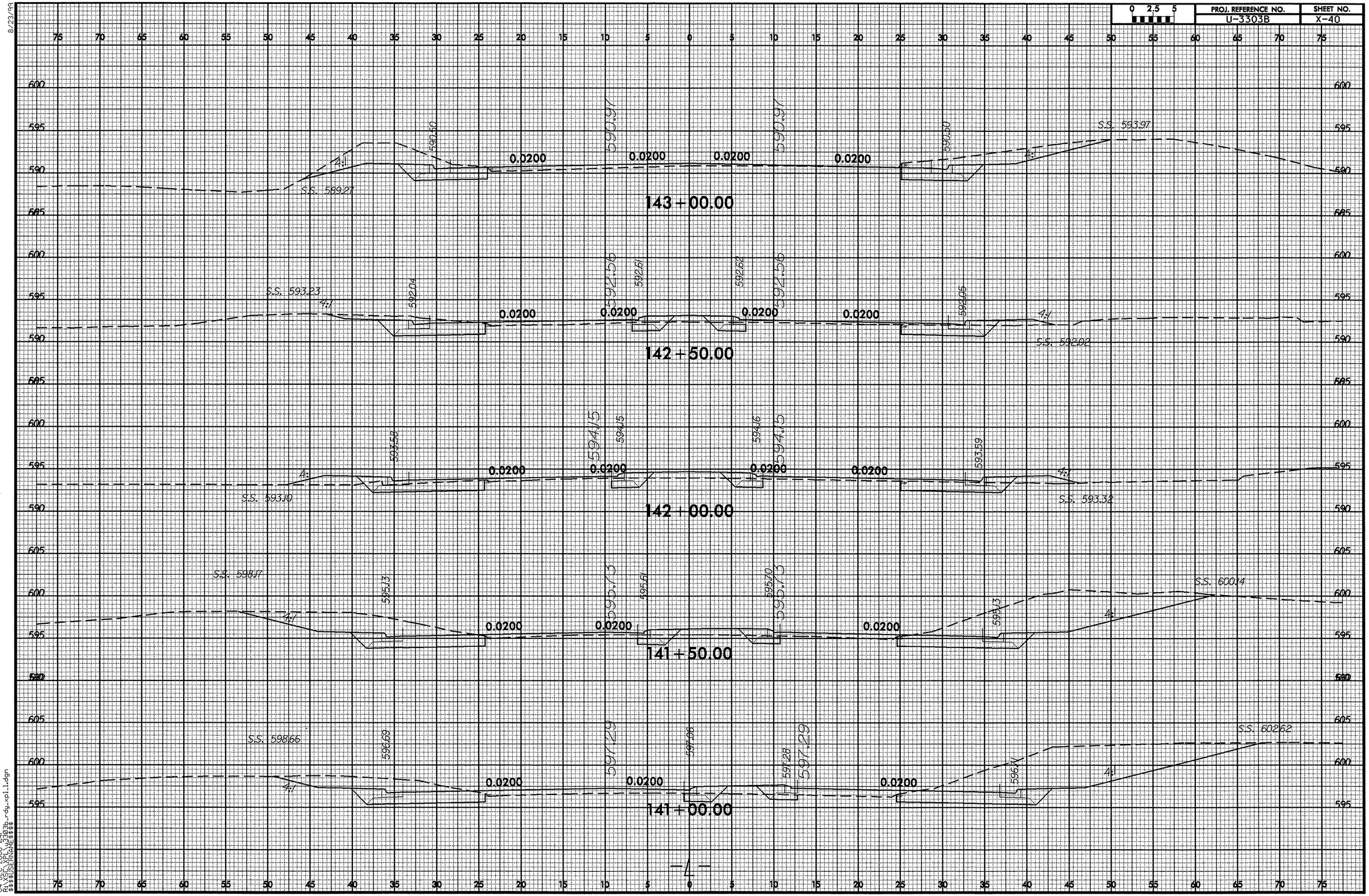

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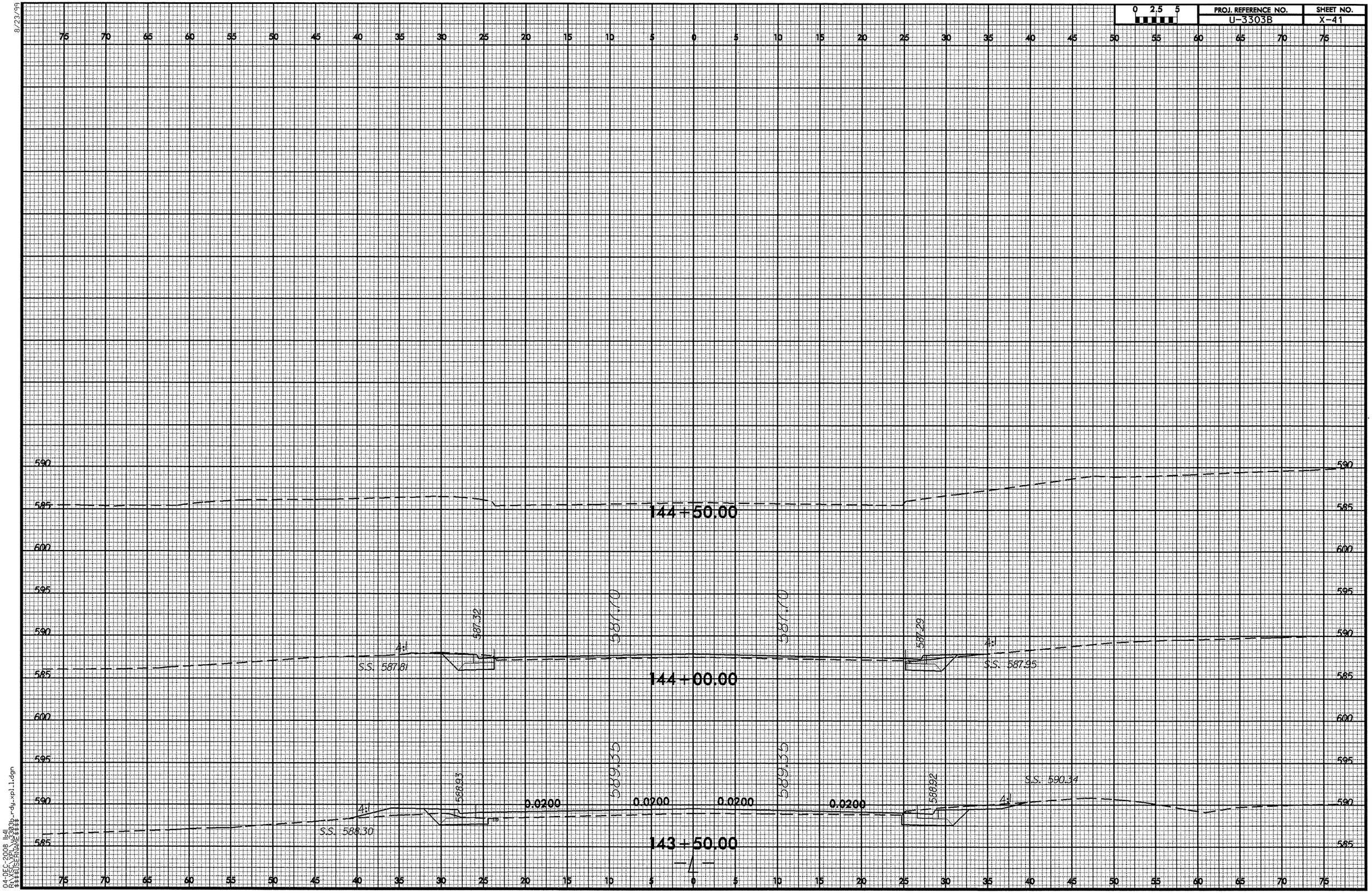

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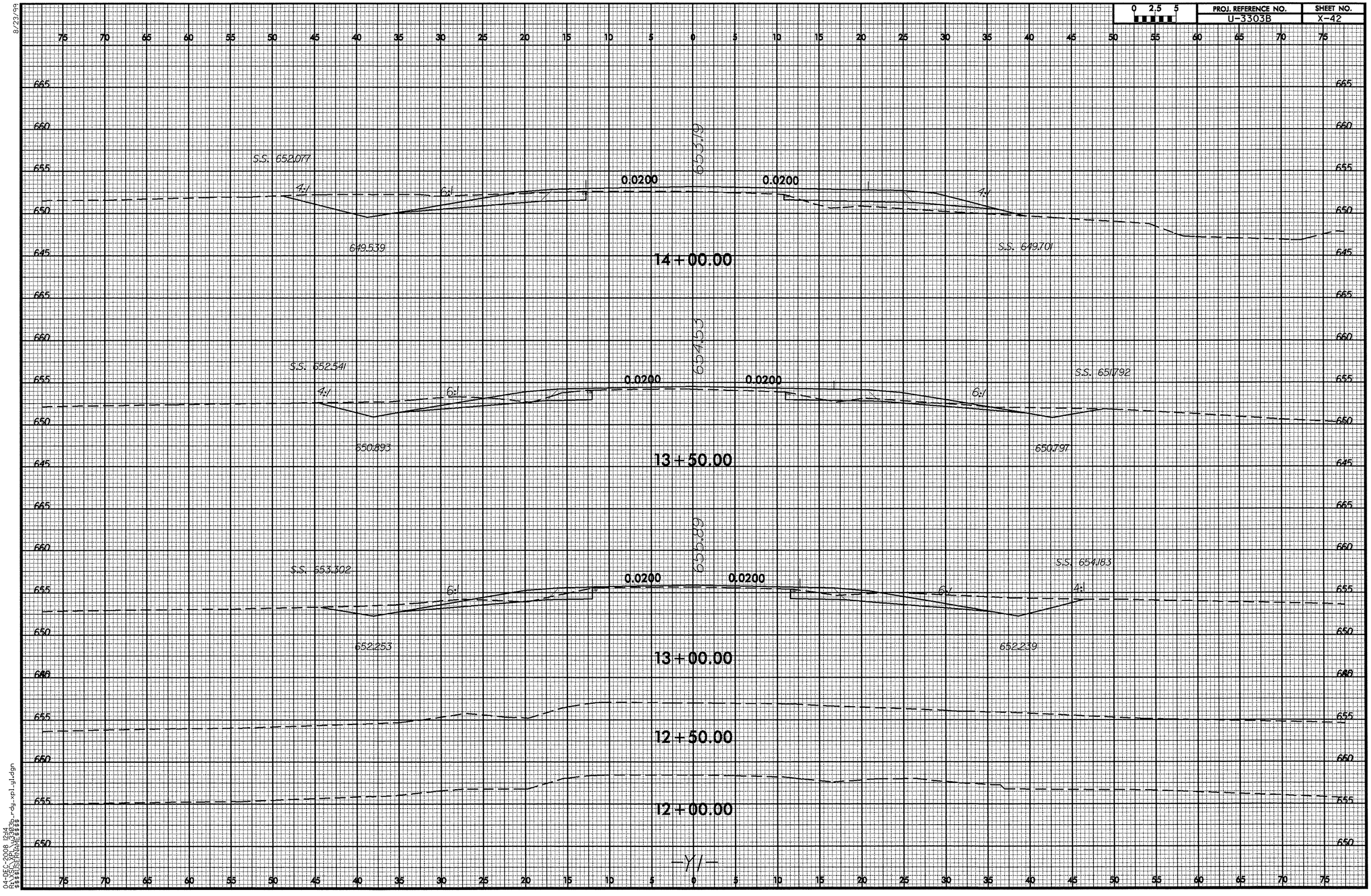

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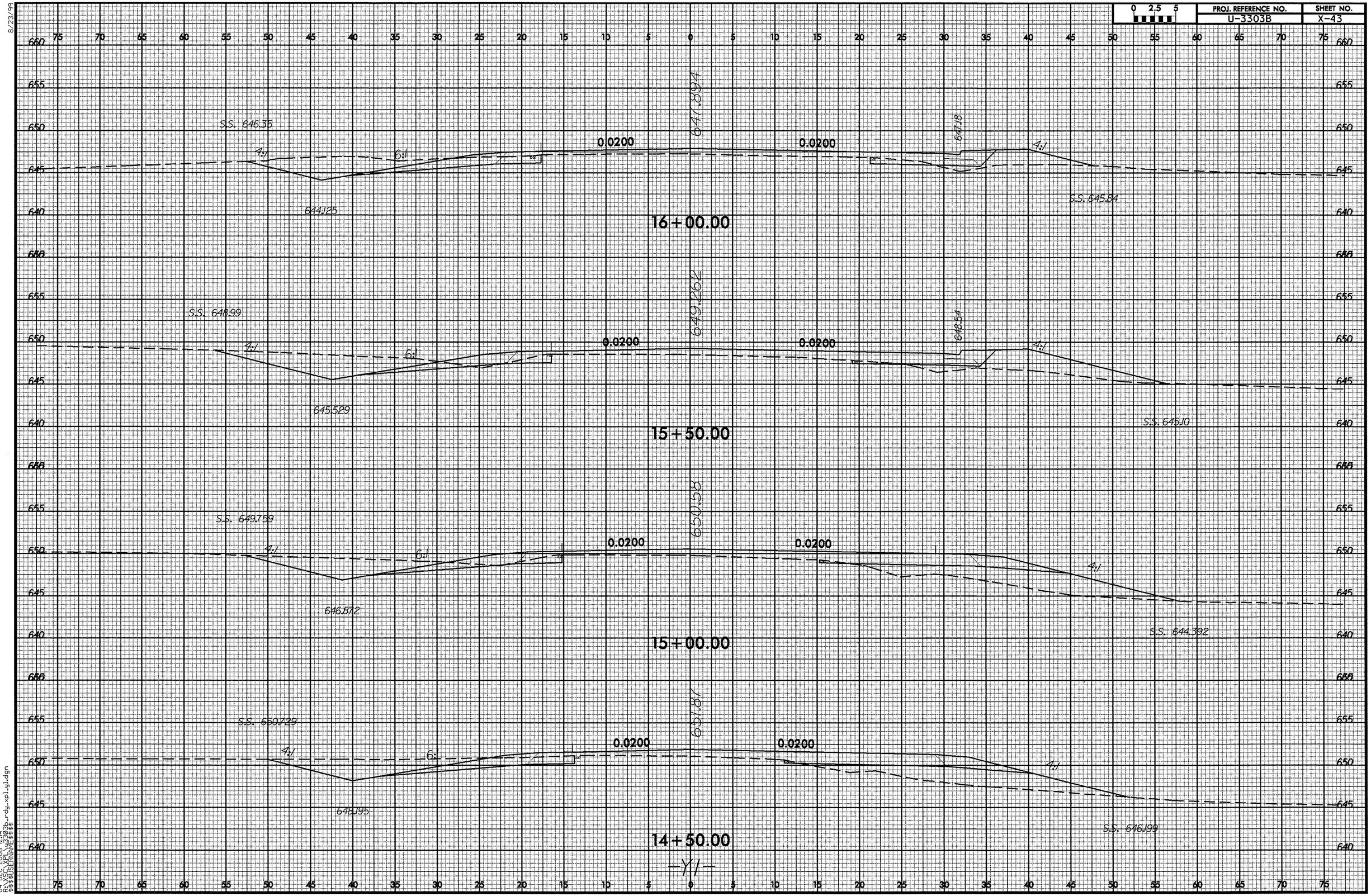

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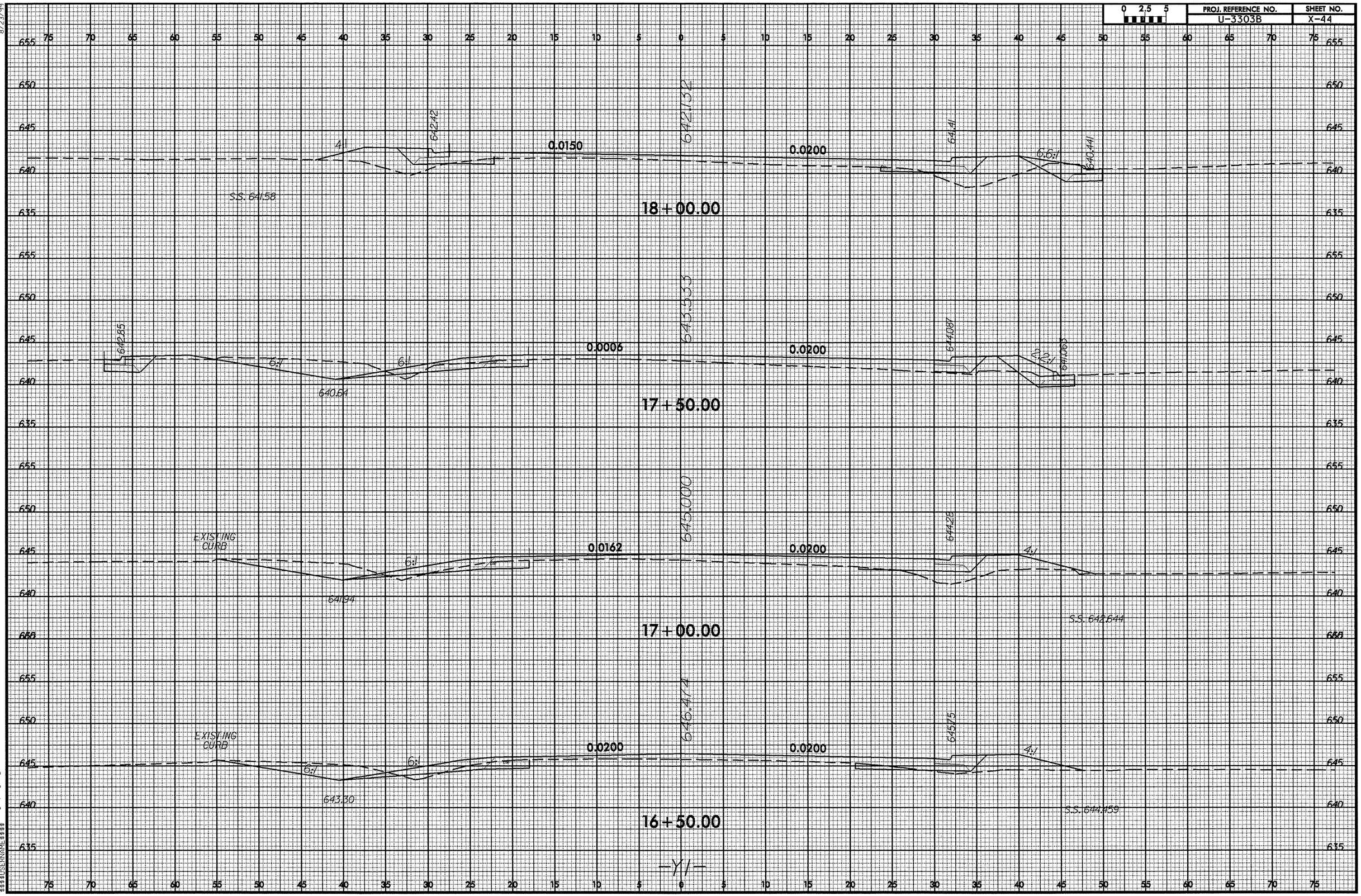

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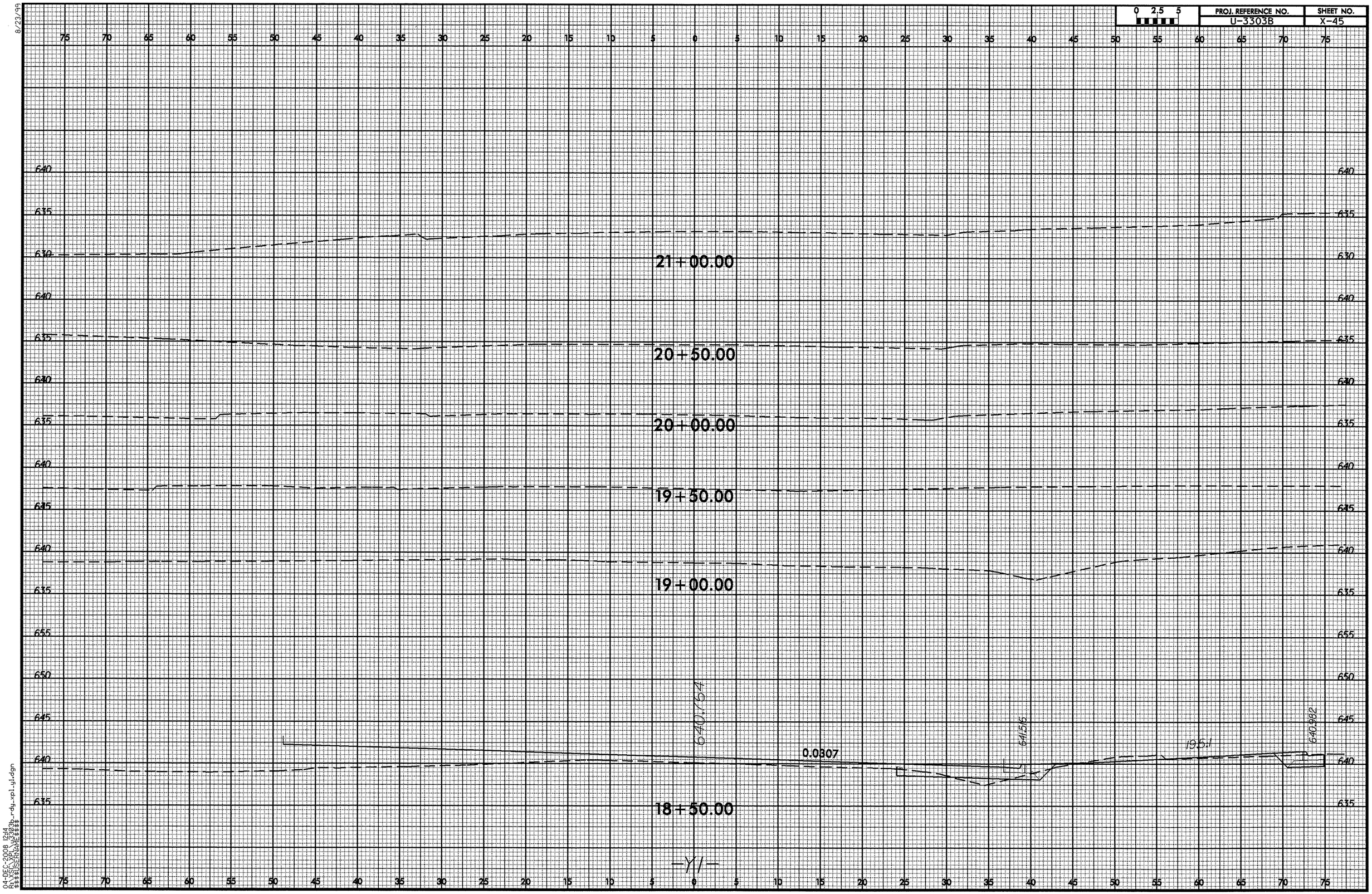

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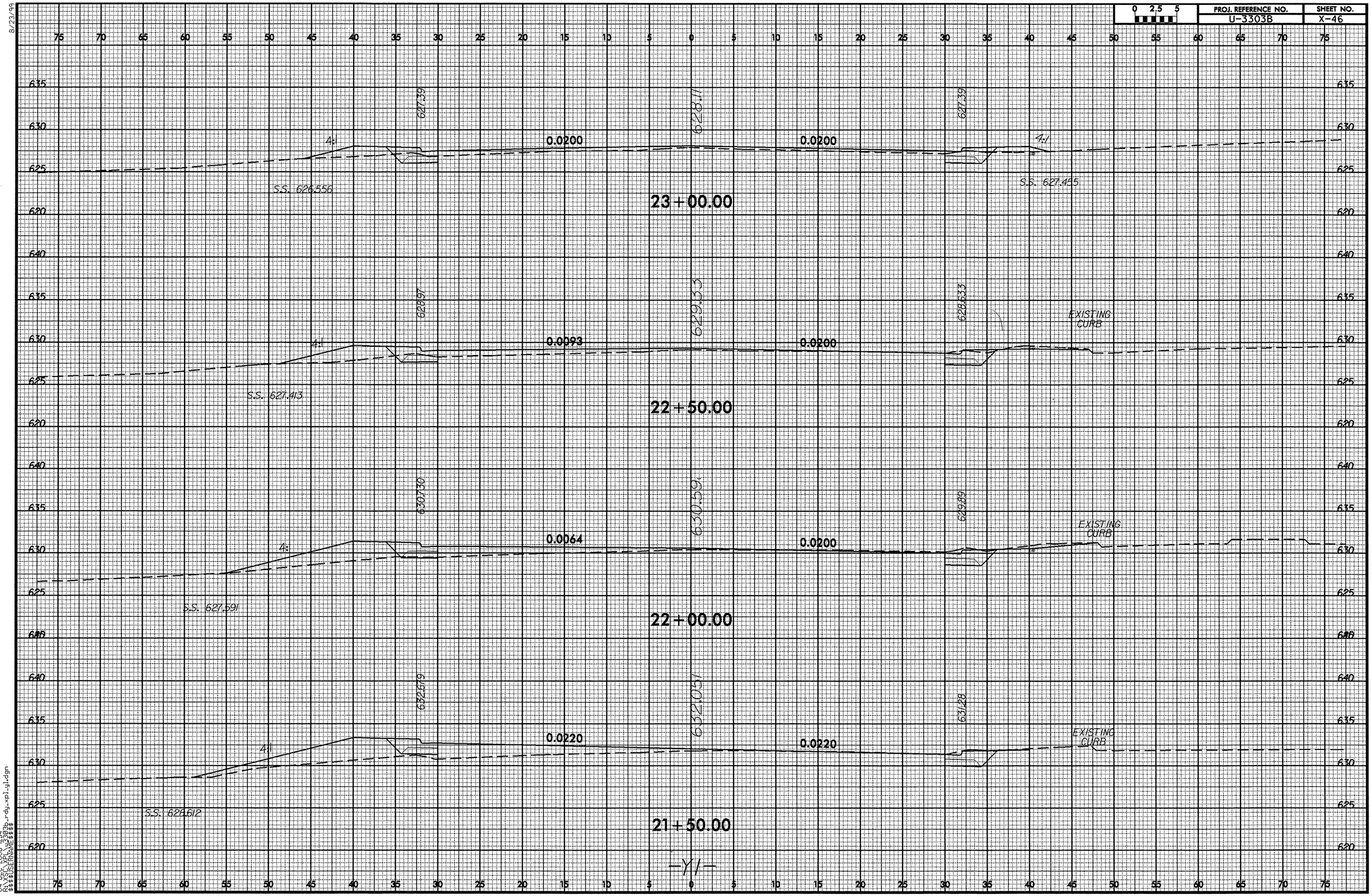

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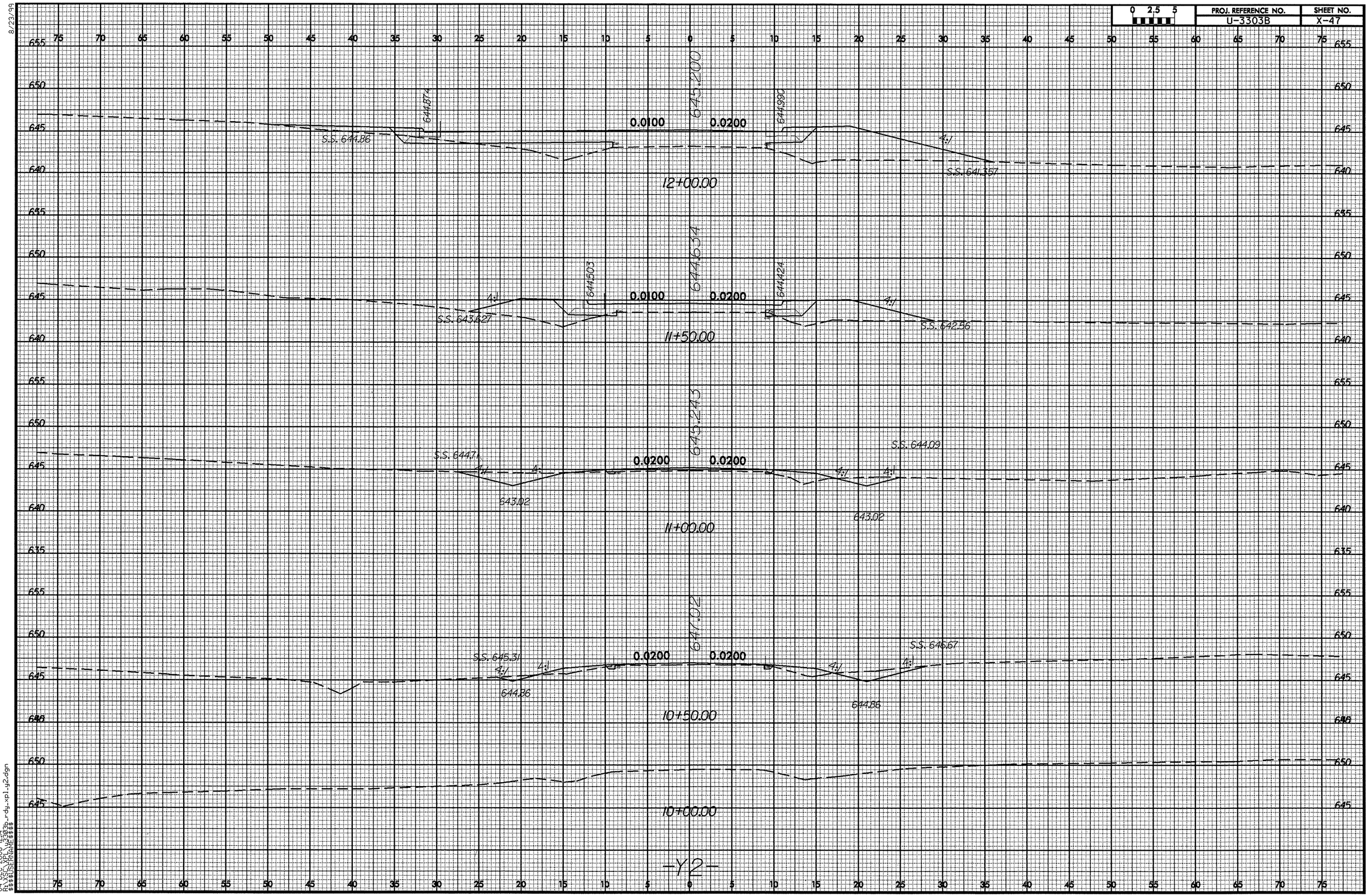

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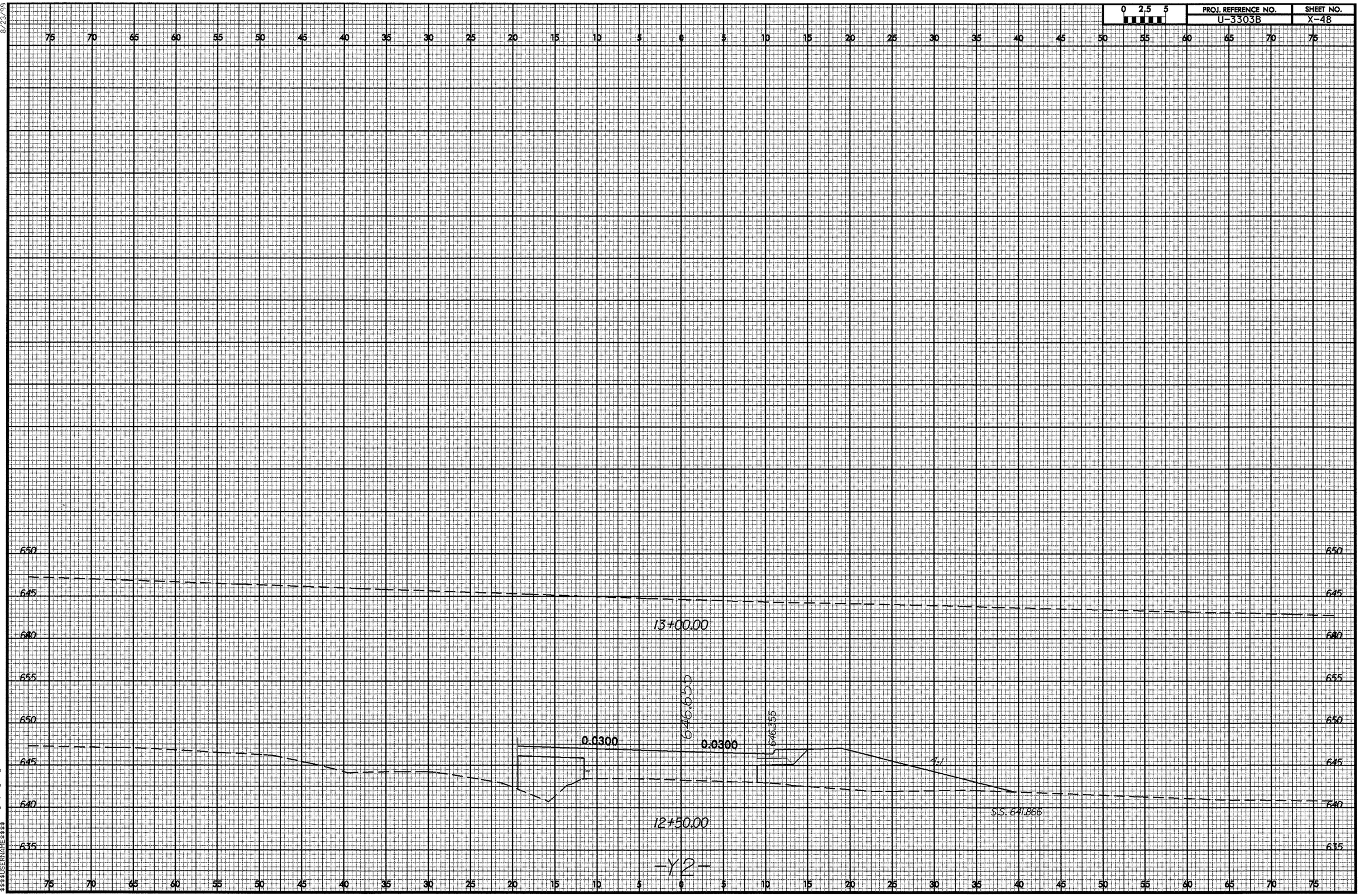

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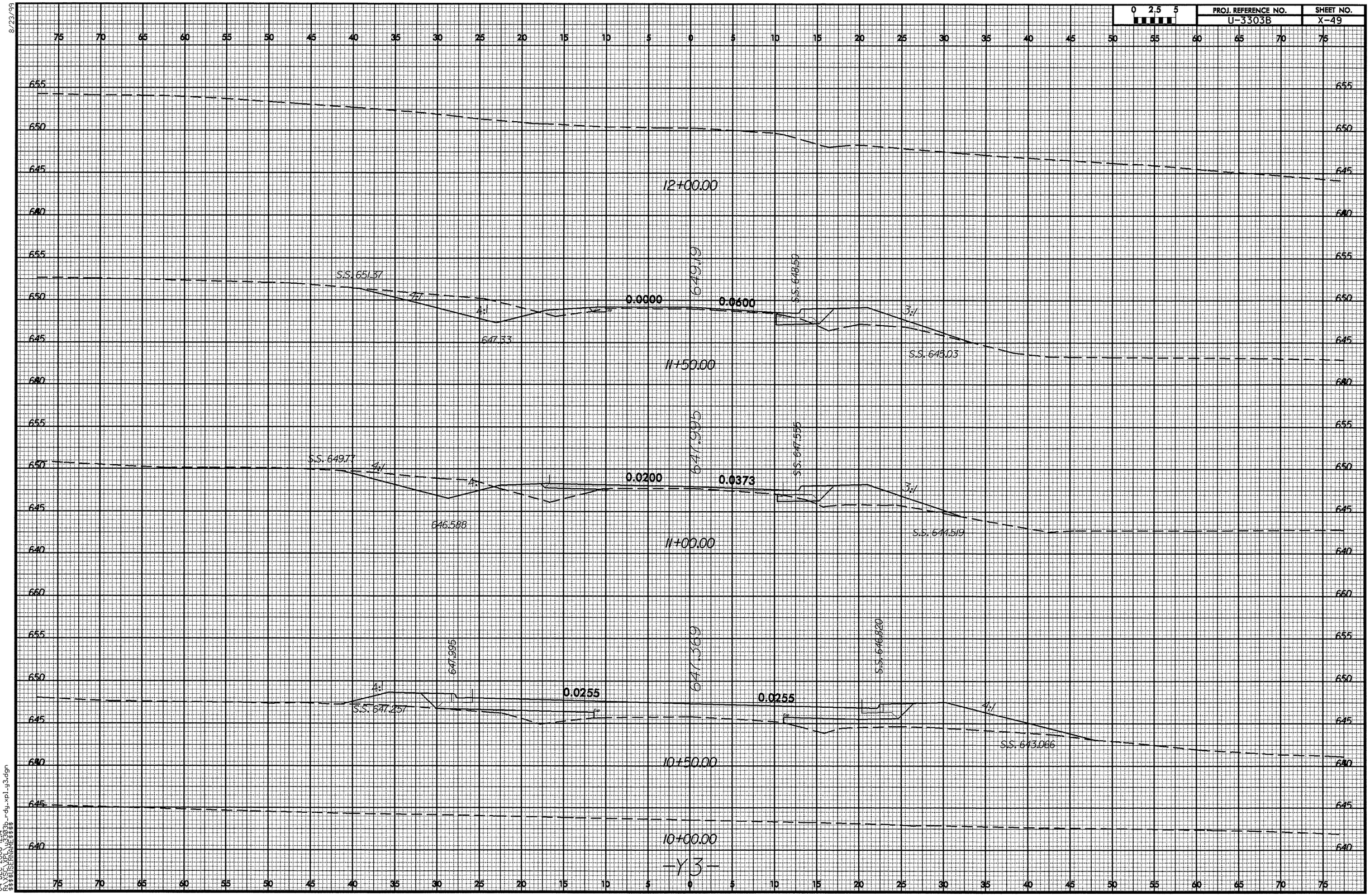

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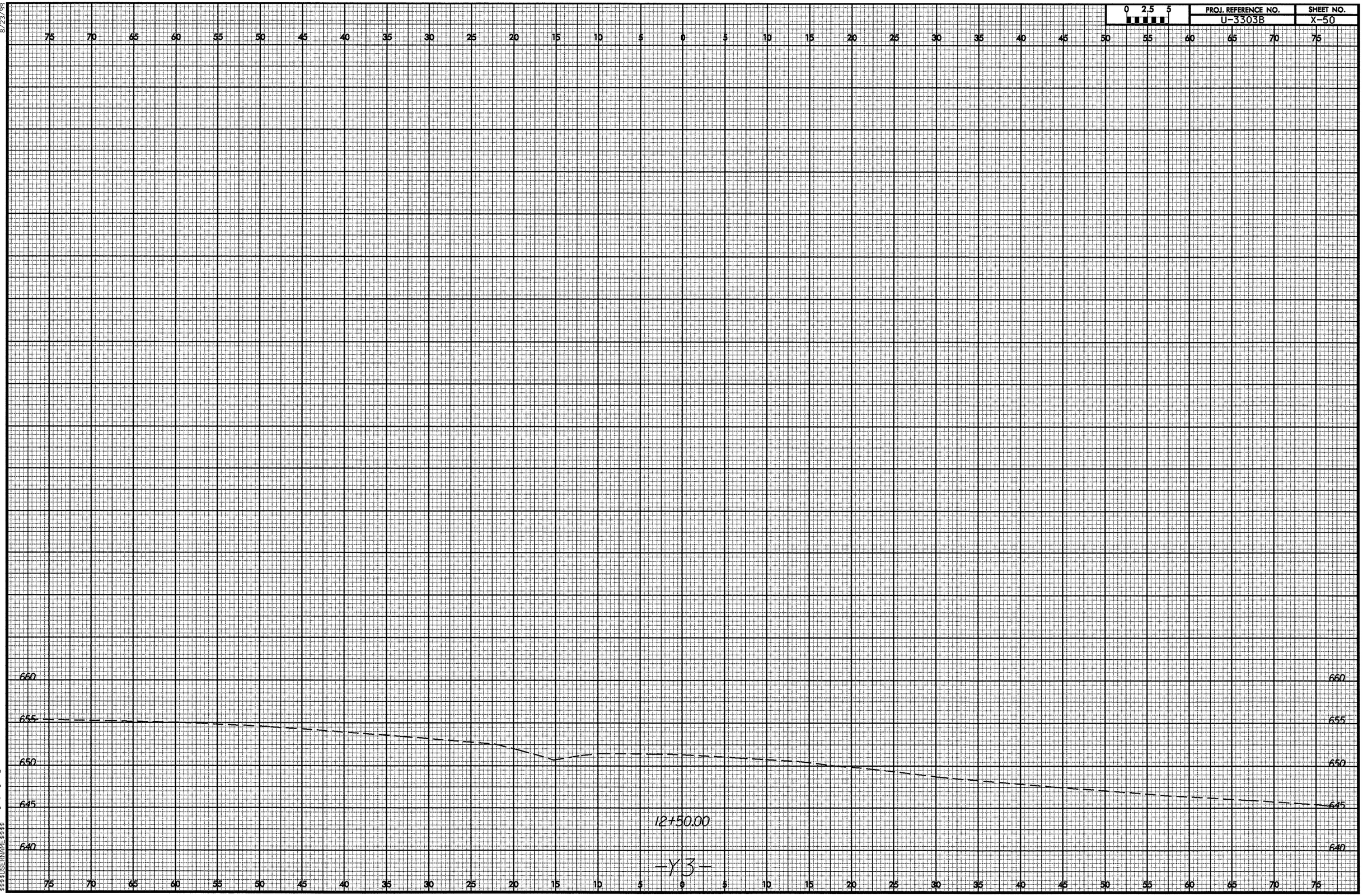

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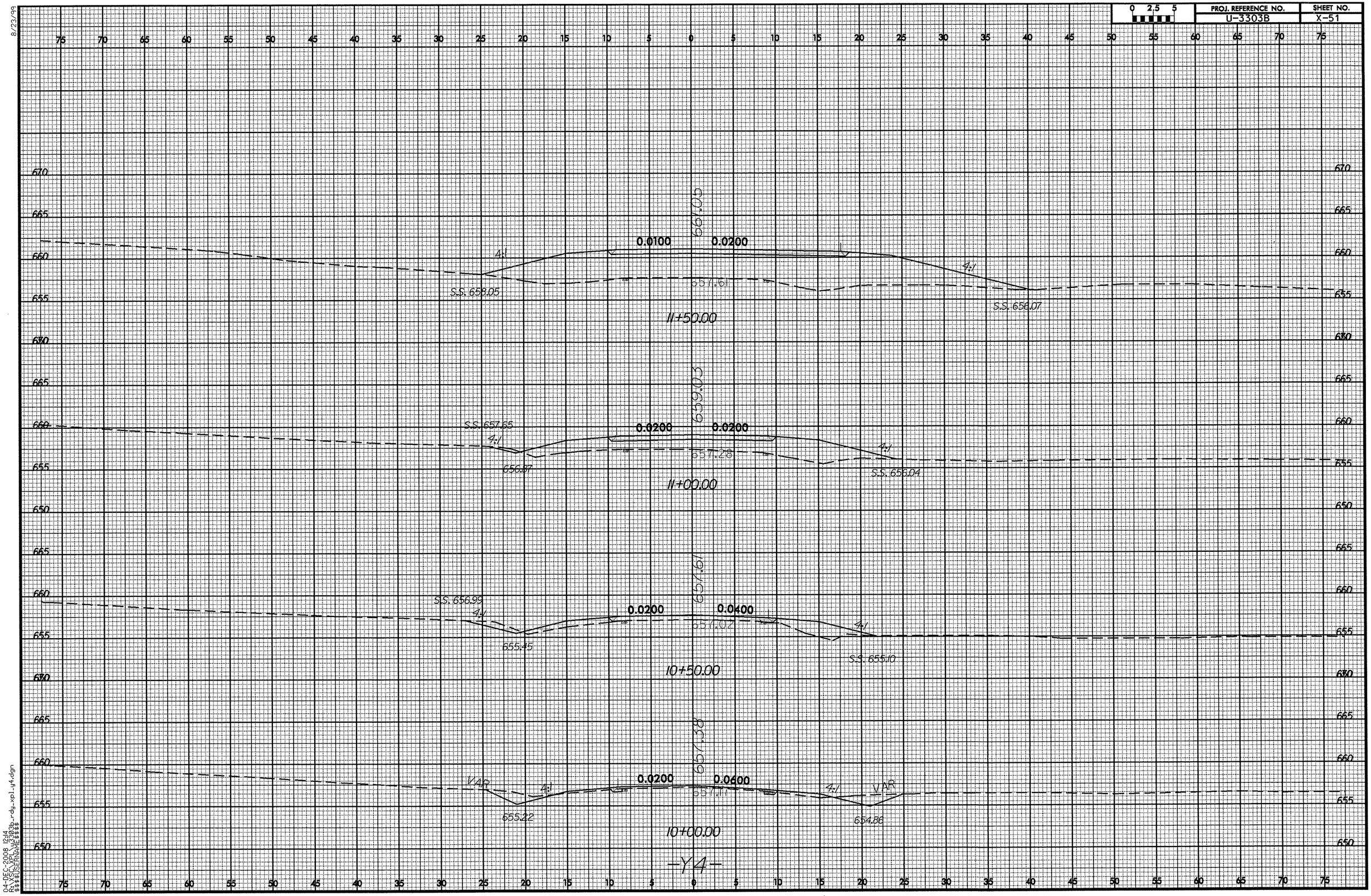

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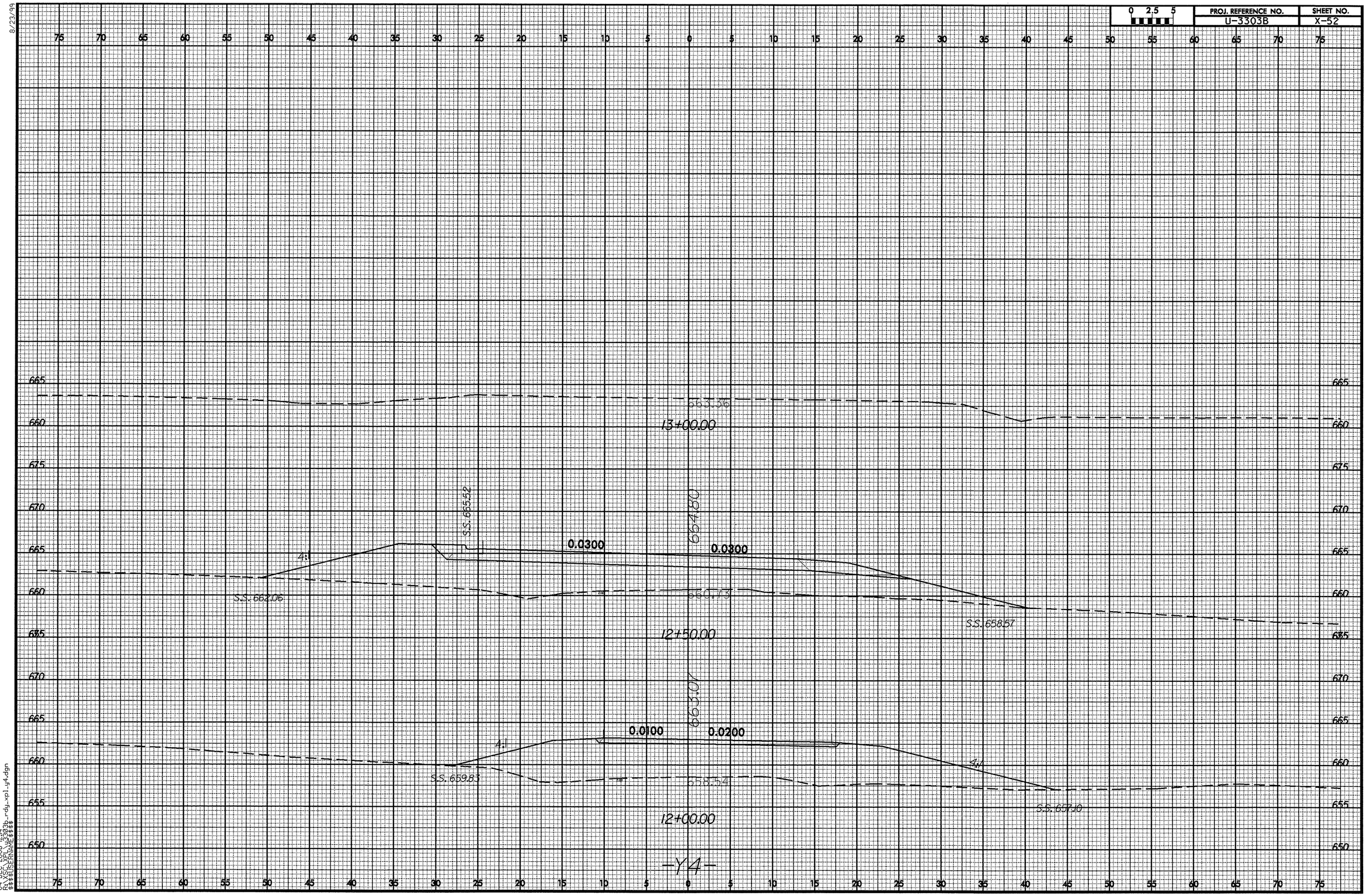

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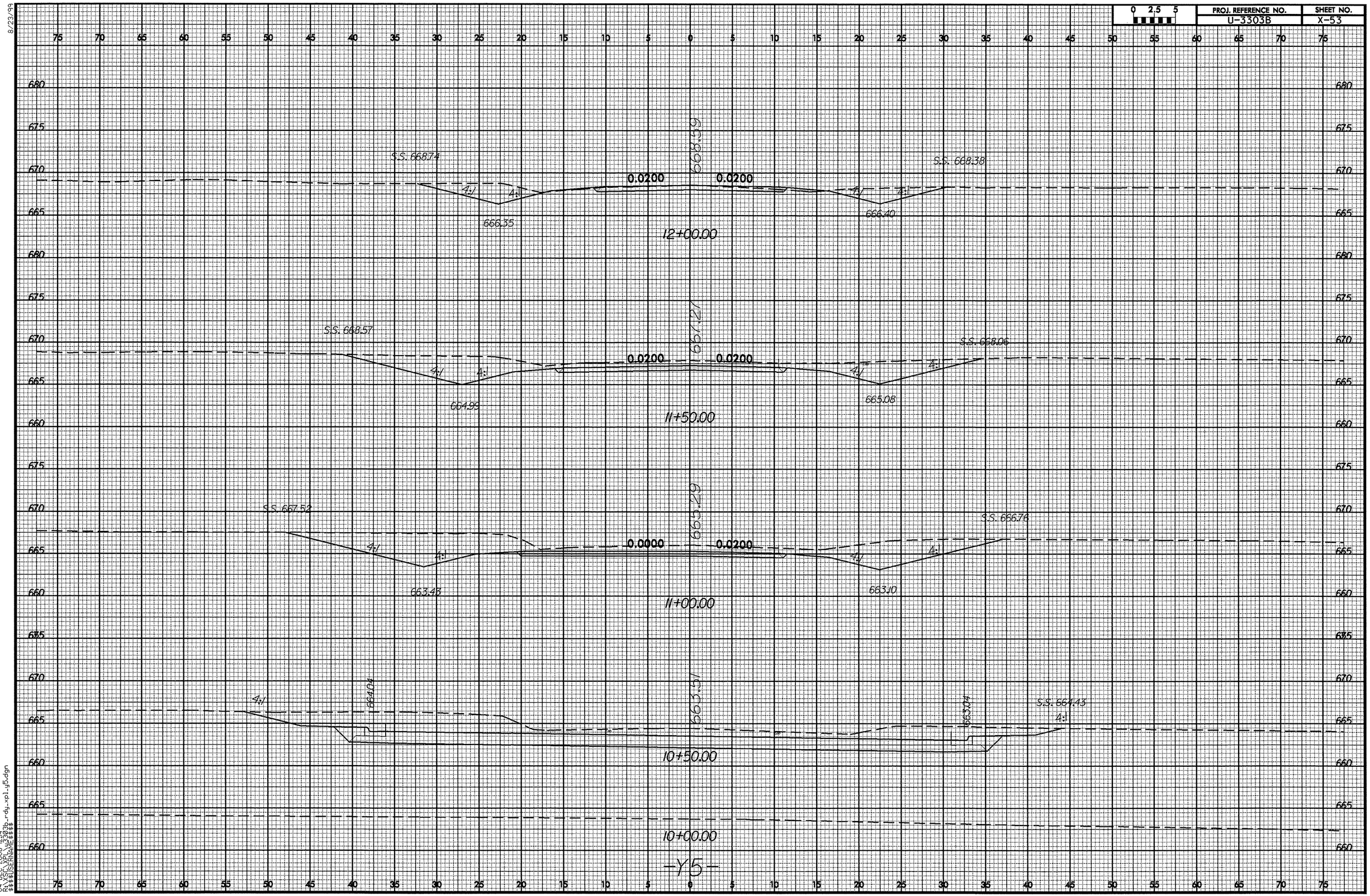

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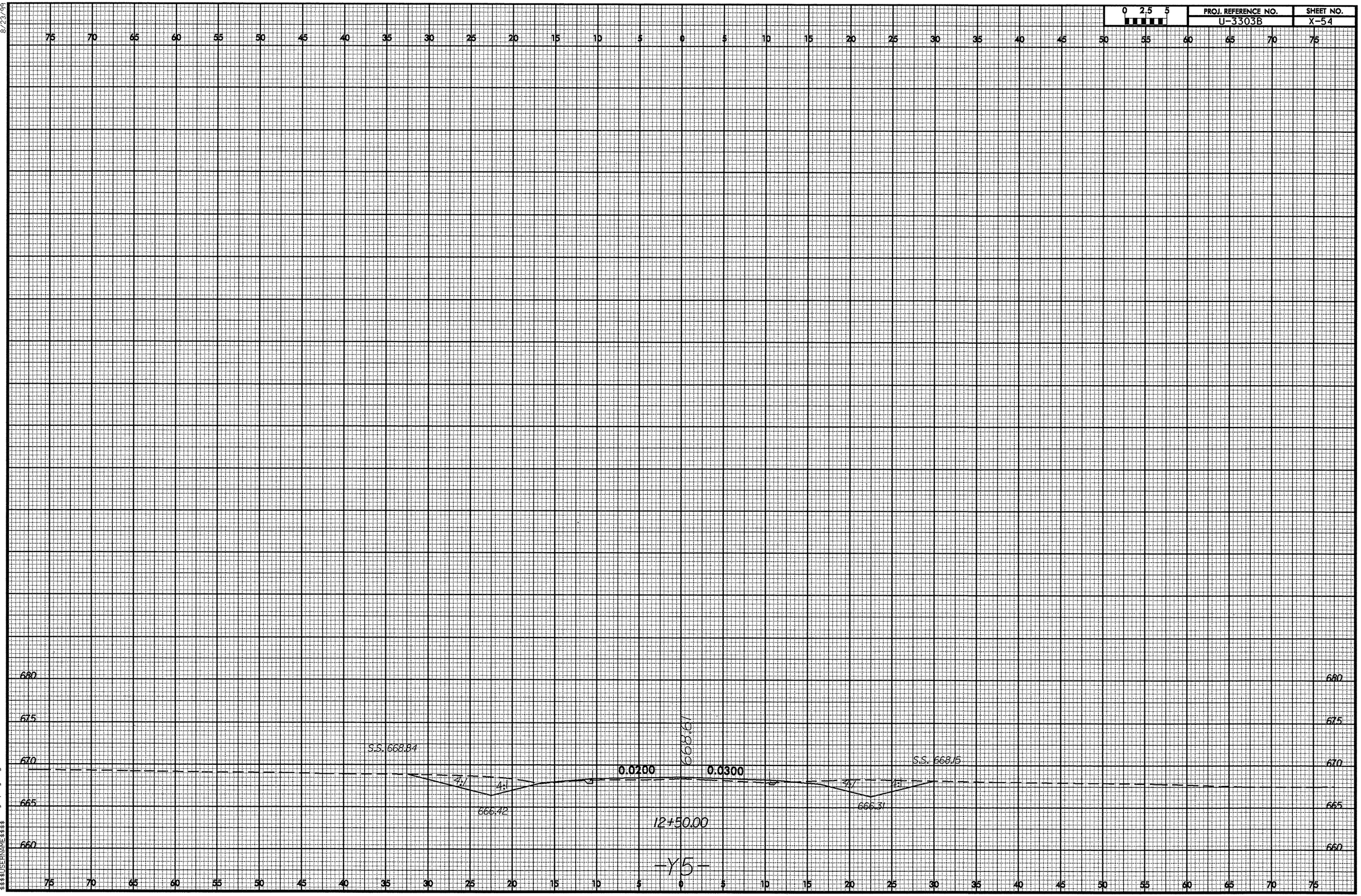

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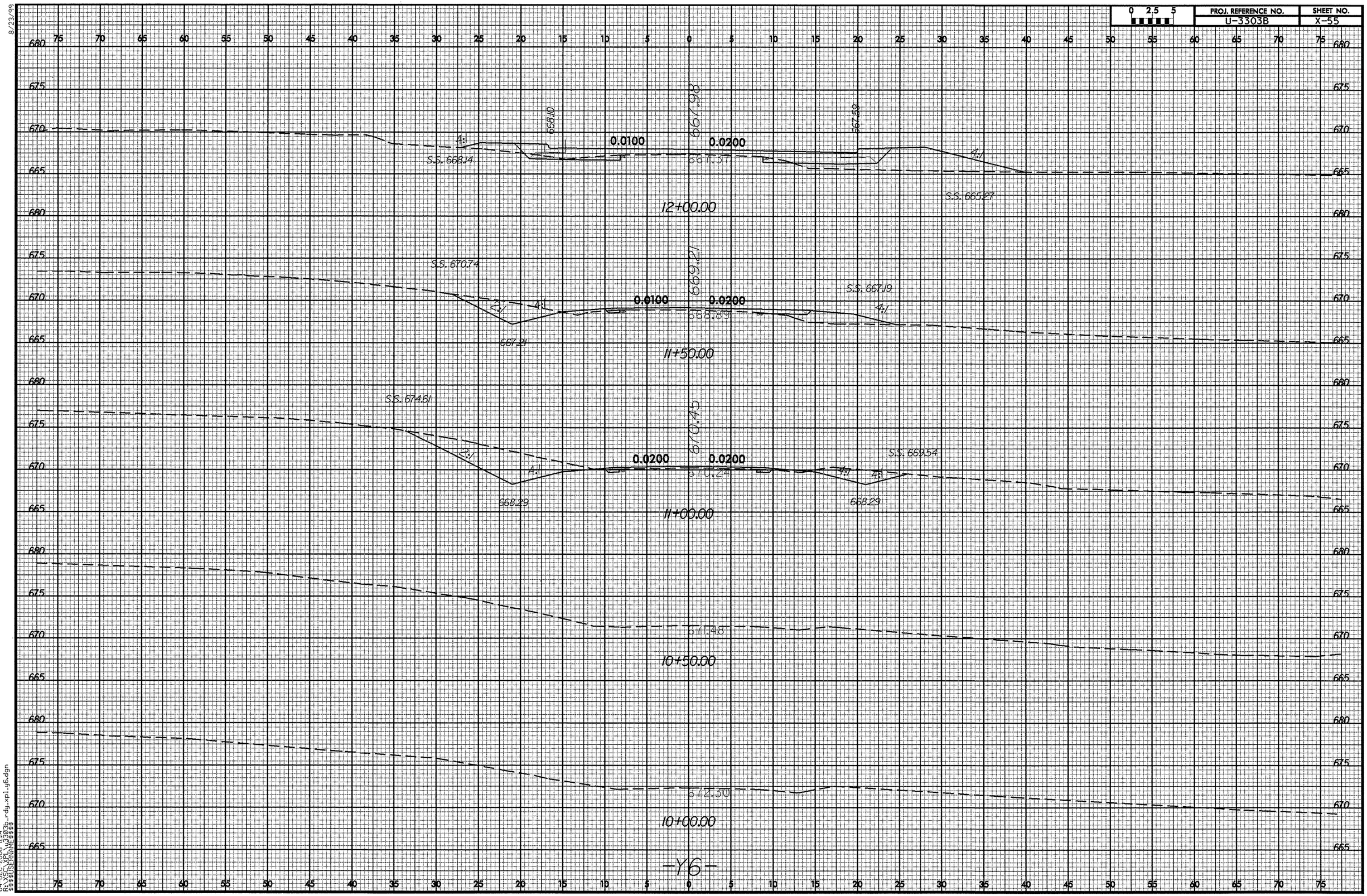

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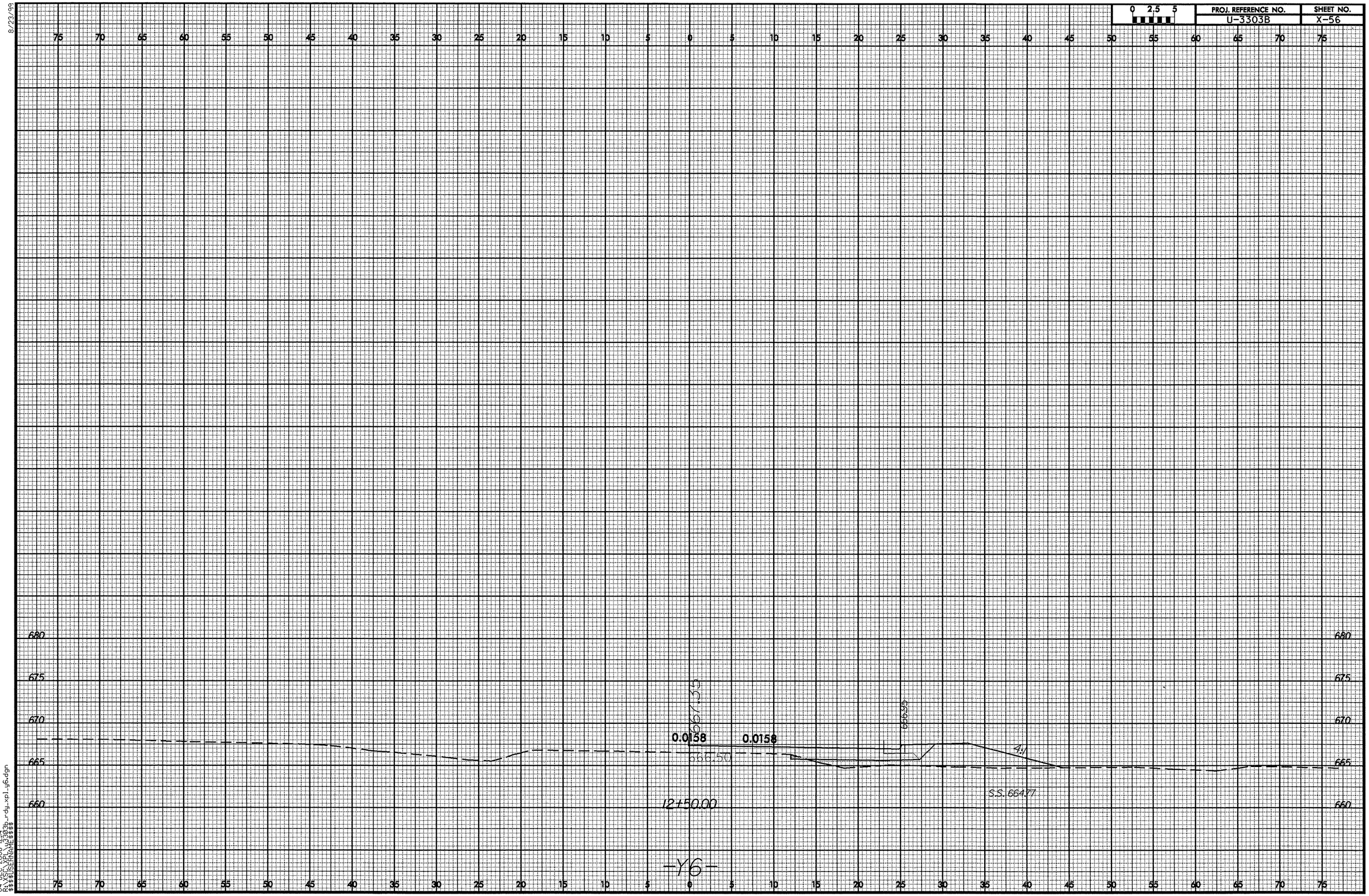

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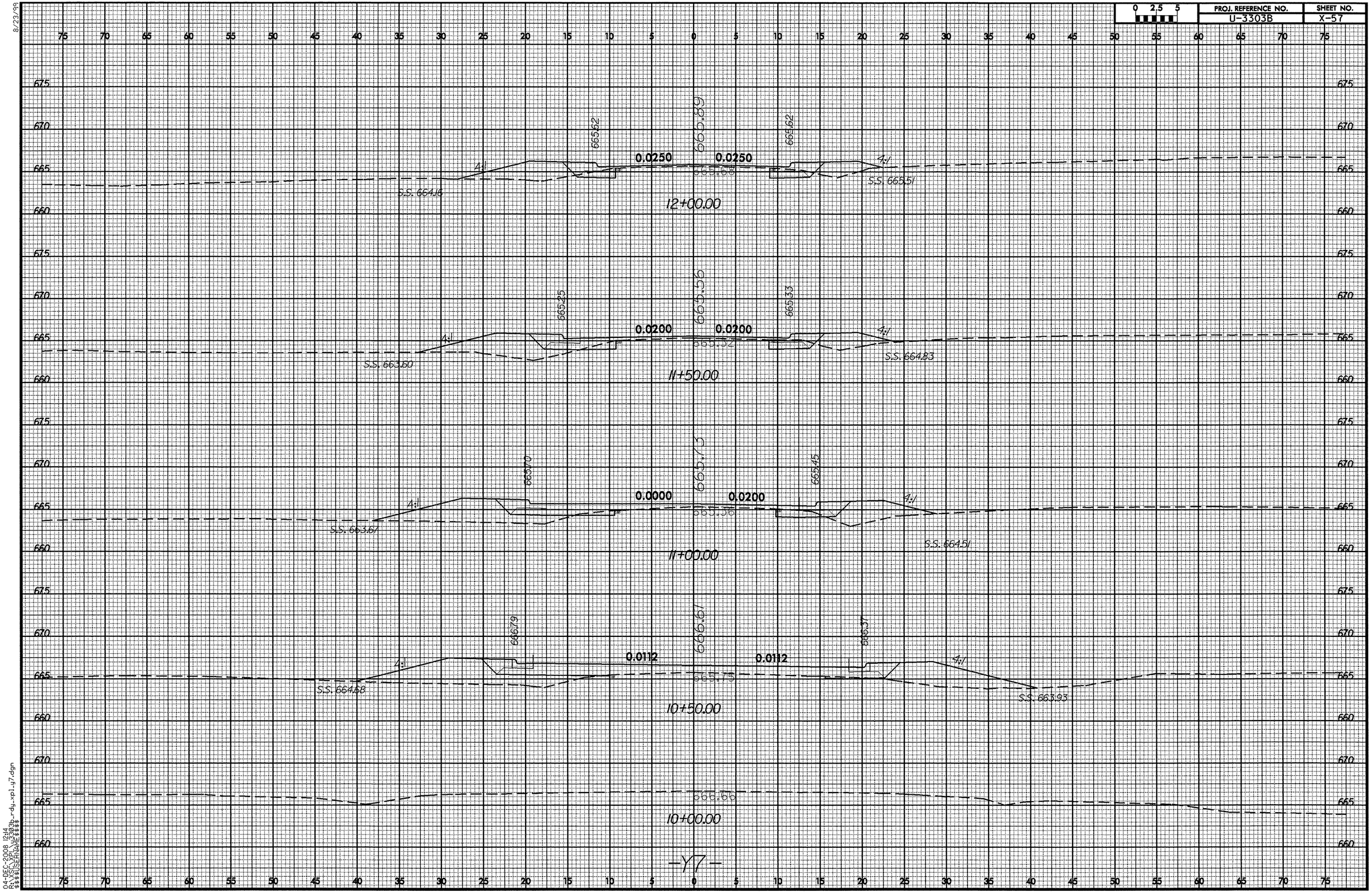

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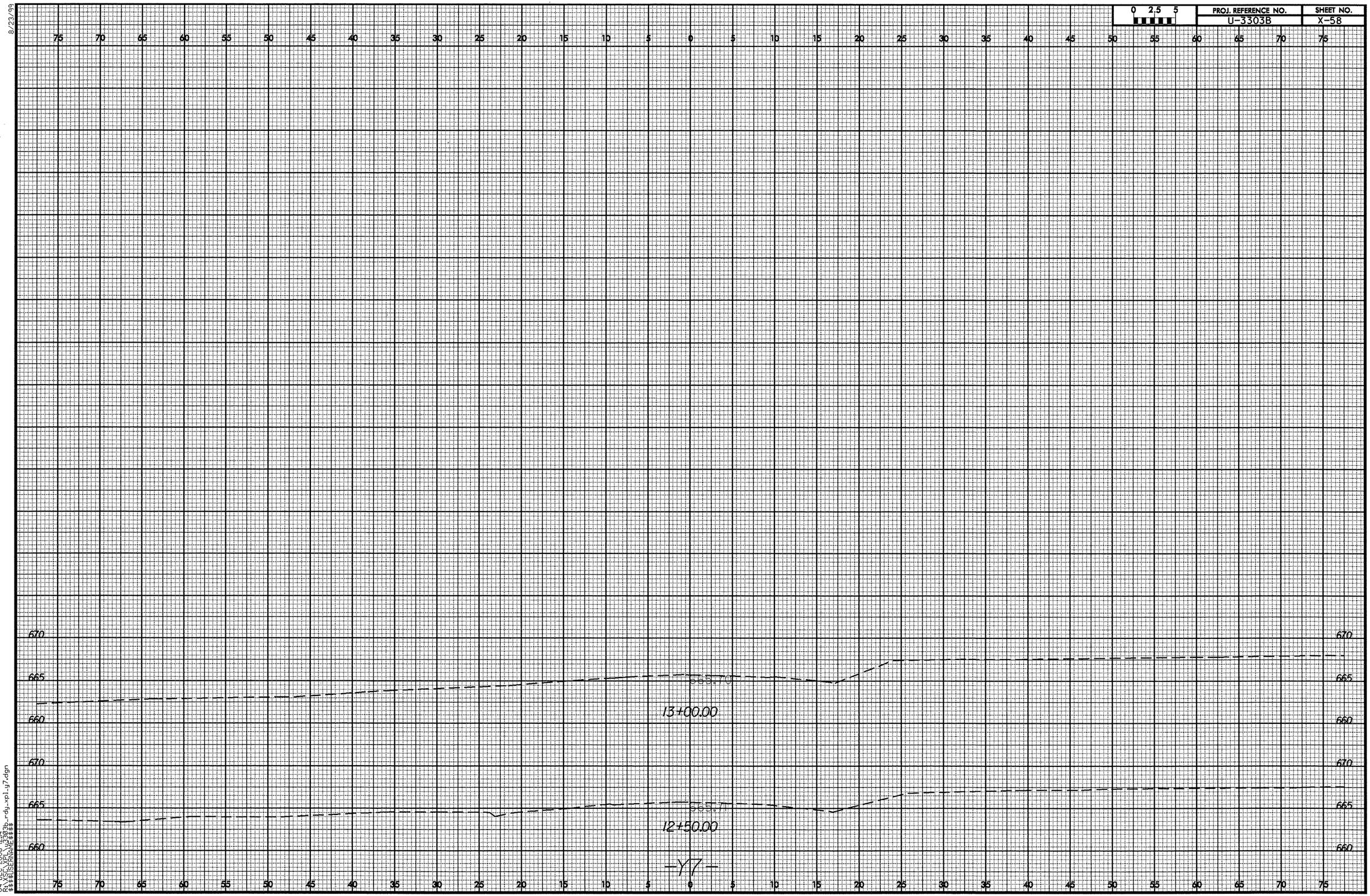

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8/23/99

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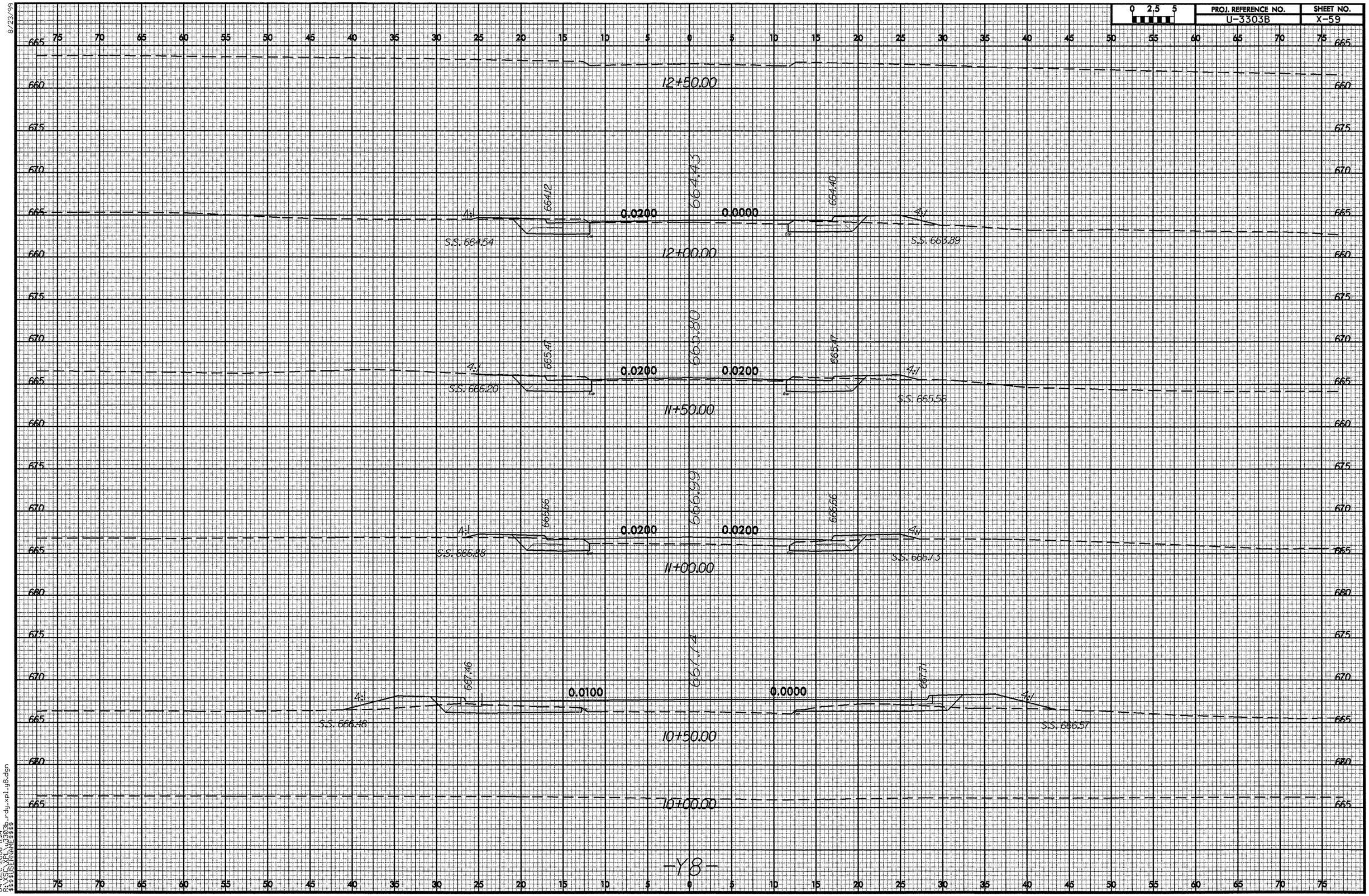

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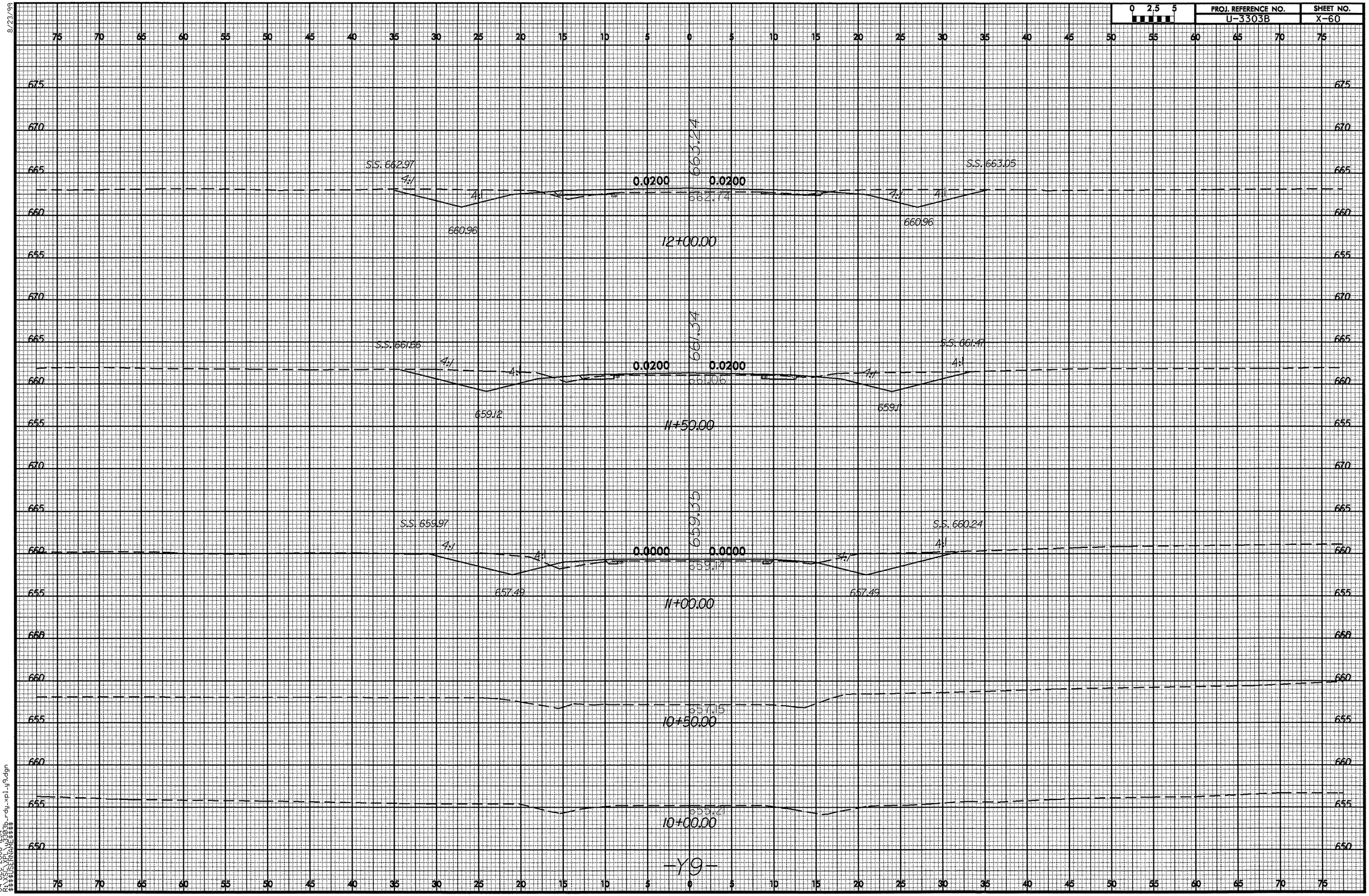

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8/23/99

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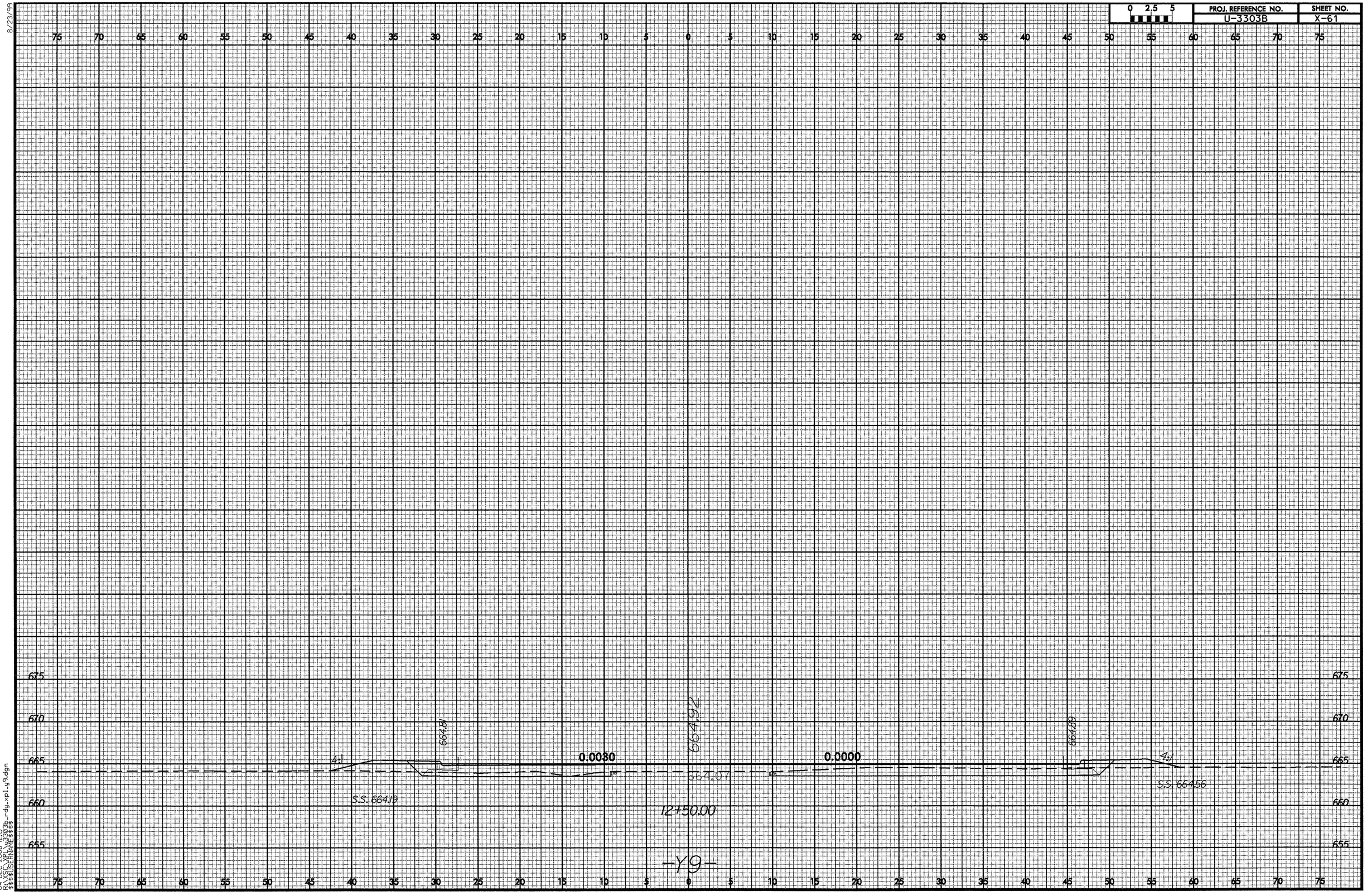

04-DEC-2008 12:15
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