PROJ. REFERENCE NO.	SHEET NO.
I-2102	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt
Lrev	(cu. yd.)	(cu. yd.)
10+00.00	0	0
10+50.00	27	7
11+00.00	34	8
11+50.00	42	8
12+00.00	41	7
12+50.00	34	13
13+00.00	33	12
13+50.00	51	4
14+00.00	77	3
14+50.00	52	13
15+00.00	8	70
15+50.00	0	234
16+00.00	0	464
16+50.00	0	747
17+00.00	0	999
17+50.00	0	1200
18+00.00	0	1315
18+50.00	0	1312
19+00.00	0	855
22+50.00	0	183
23+00.00	1	208
23+50.00	5	231
24+00.00	12	198
24+50.00	78	69
25+00.00	108	42
25+50.00	45	52
26+00.00	11	94
26+50.00	10	167
27+00.00	9	194
27+50.00	8	133
28+00.00	19	53
28+50.00	26	103
29+00.00	13	181
29+50.00	2	173
30+00.00	1	155
30+50.00	4	127
31+00.00	15	91
31+50.00	15	75
32+00.00	5	69
32+50.00	2	77
33+00.00	0	76
33+50.00	0	56
34+00.00	11	37
34+50.00	16	40
35+00.00	10	56
35+50.00	9	51
36+00.00	5	40
36+50.00	1	36

Station	Uncl. Exc.	Embt
Ramp A	(cu. yd.)	(cu. yd.)
1+00.00	0	0
1+50.00	26	8
2+00.00	25	8
2+50.00	25	6
3+00.00	53	9
3+50.00	78	16
4+00.00	783	5
4+50.00	806	2
5+00.00	774	4
5+50.00	769	4

Station	Uncl. Exc.	Embt
Ramp B	(cu. yd.)	(cu. yd.)
0+00.000	0	0
0+50.000	45	12
1+00.000	23	62
1+50.000	19	105
2+00.000	19	117
2+50.000	19	132
3+00.000	17	152
3+50.000	8	177
4+00.000	0	224
4+50.000	4	270
5+00.000	13	238
5+50.000	24	137
6+00.000	56	60
6+50.000	53	51
7+00.000	24	65
7+50.000	29	66
8+00.000	52	35
8+50.000	159	4
9+00.000	307	0
9+50.000	390	0
10+00.000	455	0
10+50.000	358	0
11+00.000	137	21
11+50.000	26	95
12+00.000	7	210
12+50.000	7	344
13+00.000	0	390

Station	Uncl. Exc.	Embt
Ramp C	(cu. yd.)	(cu. yd.)
0+00.000	0	0
0+50.000	624	4
1+00.000	684	4
1+50.000	708	3
2+00.000	722	2
2+50.000	742	1
3+00.000	776	1
3+50.000	776	4
4+00.000	783	5
4+50.000	806	2
5+00.000	774	4
5+50.000	769	4

Station	Uncl. Exc.	Embt
Ramp C	(cu. yd.)	(cu. yd.)
6+00.000	964	1
6+50.000	1101	0
7+00.000	975	0
7+50.000	674	0
8+00.000	296	119
8+50.000	122	230
9+00.000	95	277
9+50.000	88	357
10+00.000	89	401
10+50.000	54	520
11+00.000	23	706
11+50.000	25	794
12+00.000	40	703
12+50.000	56	561
13+00.000	62	584
13+50.000	59	654
14+00.000	55	690
14+50.000	42	817
15+00.000	22	985
15+50.000	15	1120
16+00.000	14	1236
16+50.000	375	0
17+00.000	415	0
17+50.000	345	0
18+00.000	271	0

Station	Uncl. Exc.	Embt
Y1	(cu. yd.)	(cu. yd.)
10+00.000	0	0
10+50.000	214	0
11+00.000	133	0
11+50.000	175	0
12+00.000	124	0
12+50.000	22	3
13+00.000	29	3
13+50.000	57	0
14+00.000	74	24
14+50.000	84	99
15+00.000	74	198
15+50.000	49	156
16+00.000	172	34
16+50.000	375	0
17+00.000	415	0
17+50.000	345	0
18+00.000	271	0

Station	Uncl. Exc.	Embt
Ramp D	(cu. yd.)	(cu. yd.)
0+00.000	0	0
0+50.000	91	6
1+00.000	72	6
1+50.000	46	21
2+00.000	19	66
2+50.000	6	110
3+00.000	0	173
3+50.000	776	4
4+00.000	783	5
4+50.000	806	2
5+00.000	774	4
5+50.000	769	4

Station	Uncl. Exc.	Embt
Y1	(cu. yd.)	(cu. yd.)
18+50.000	230	0
19+00.000	244	0
19+50.000	303	0
20+00.000	365	0
20+50.000	457	0
21+00.000	568	0
21+50.000	619	0
22+00.000	580	0
22+50.000	443	0
23+00.000	209	1
23+50.000	36	106
24+00.000	0	484
24+50.000	10	1004
25+00.000	19	1271
25+50.000	26	1118
26+00.000	76	867
26+50.000	69	854
27+00.000	18	852
27+50.000	12	730
28+00.000	5	488

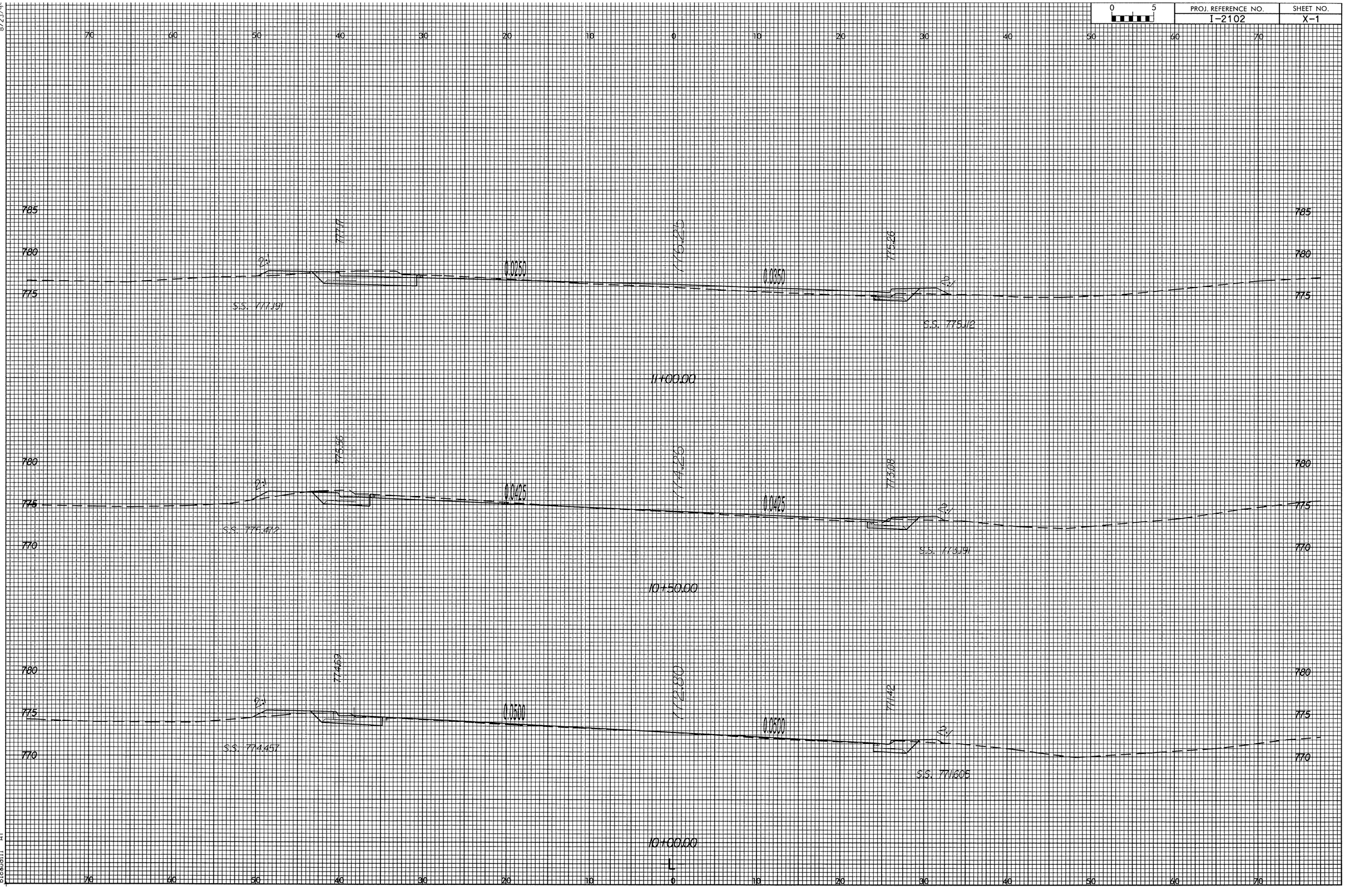
Station	Uncl. Exc.	Embt
Y2	(cu. yd.)	(cu. yd.)
10+00.00	0	0
10+50.00	62	2
11+00.00	46	8

Station	Uncl. Exc.	Embt
Y4 LTEP	(cu. yd.)	(cu. yd.)
12+00.00	0	0
12+50.00	207	0
13+00.00	292	0
13+50.00	421	0
14+00.00	462	0
14+50.00	564	0
15+00.00	691	0
15+50.00	771	0
16+00.00	826	0
16+50.00	890	0
17+00.00	972	1
17+50.00	1050	1
18+00.00	1113	0
18+50.00	1133	0
19+00.00	1097	0
19+50.00	1064	0
20+00.00	999	0
20+50.00	875	0
21+00.00	729	0
21+50.00	620	0
22+00.00	522	0
22+50.00	390	0

Station	Uncl. Exc.	Embt
Y4 LTEP	(cu. yd.)	(cu. yd.)
23+00.00	269	0

Station	Uncl. Exc.	Embt
Y4 RTEP	(cu. yd.)	(cu. yd.)
12+50.00	0	0
13+00.00	131	0
13+50.00	465	1
14+00.00	696	3
14+50.00	747	5
15+00.00	859	4
15+50.00	980	4
16+00.00	760	4
16+50.00	526	3
17+00.00	574	4

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".



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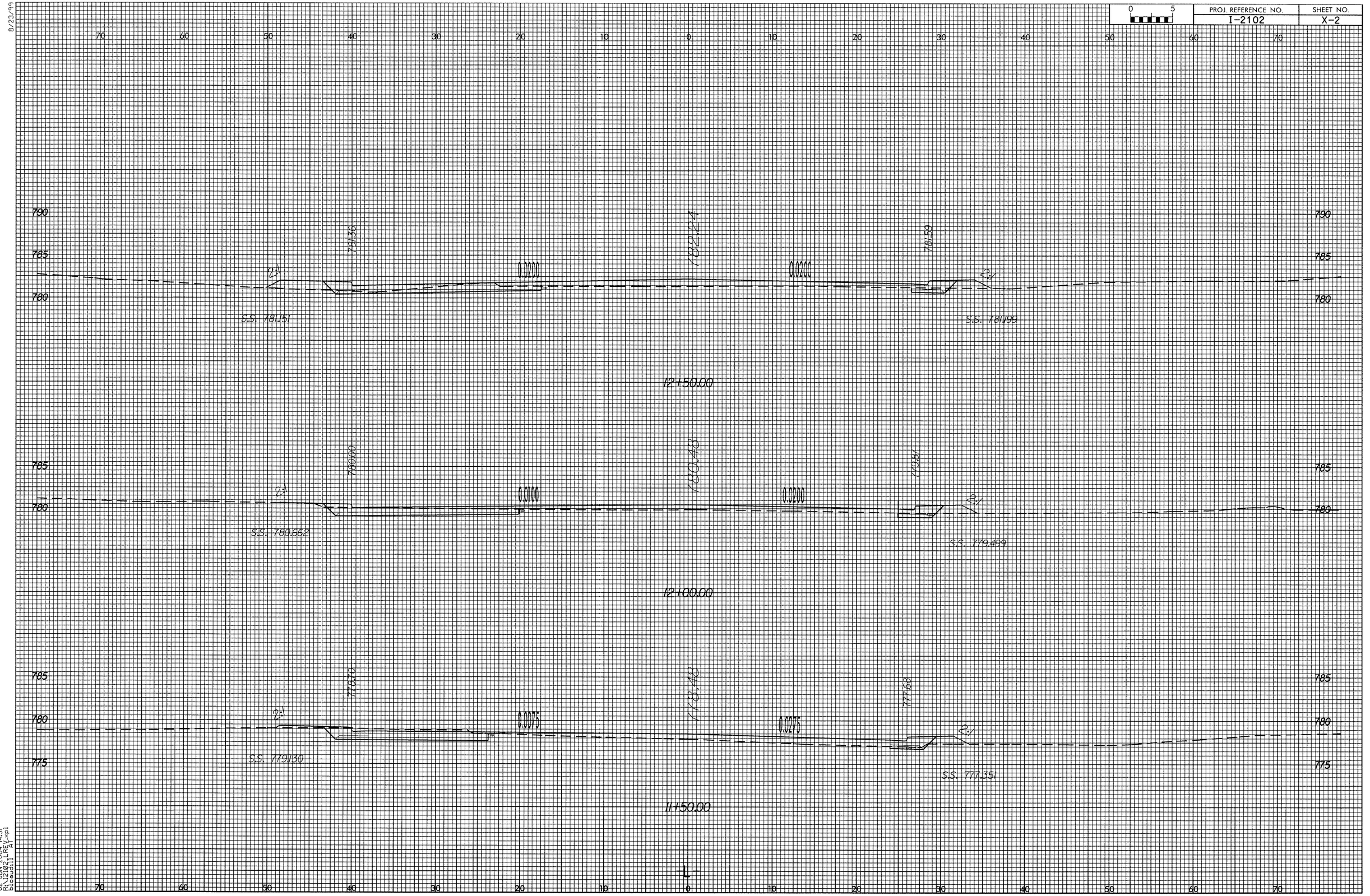

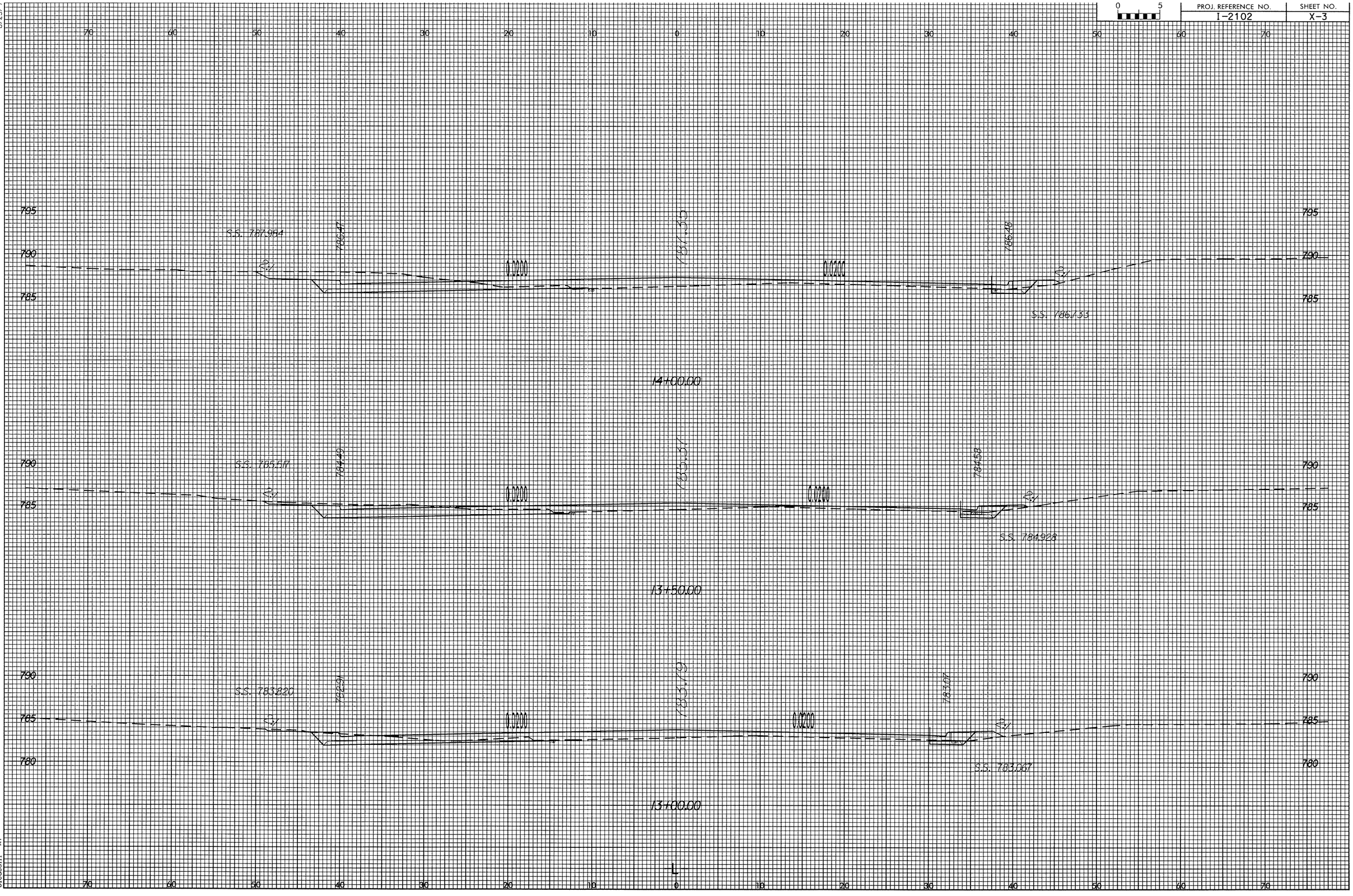

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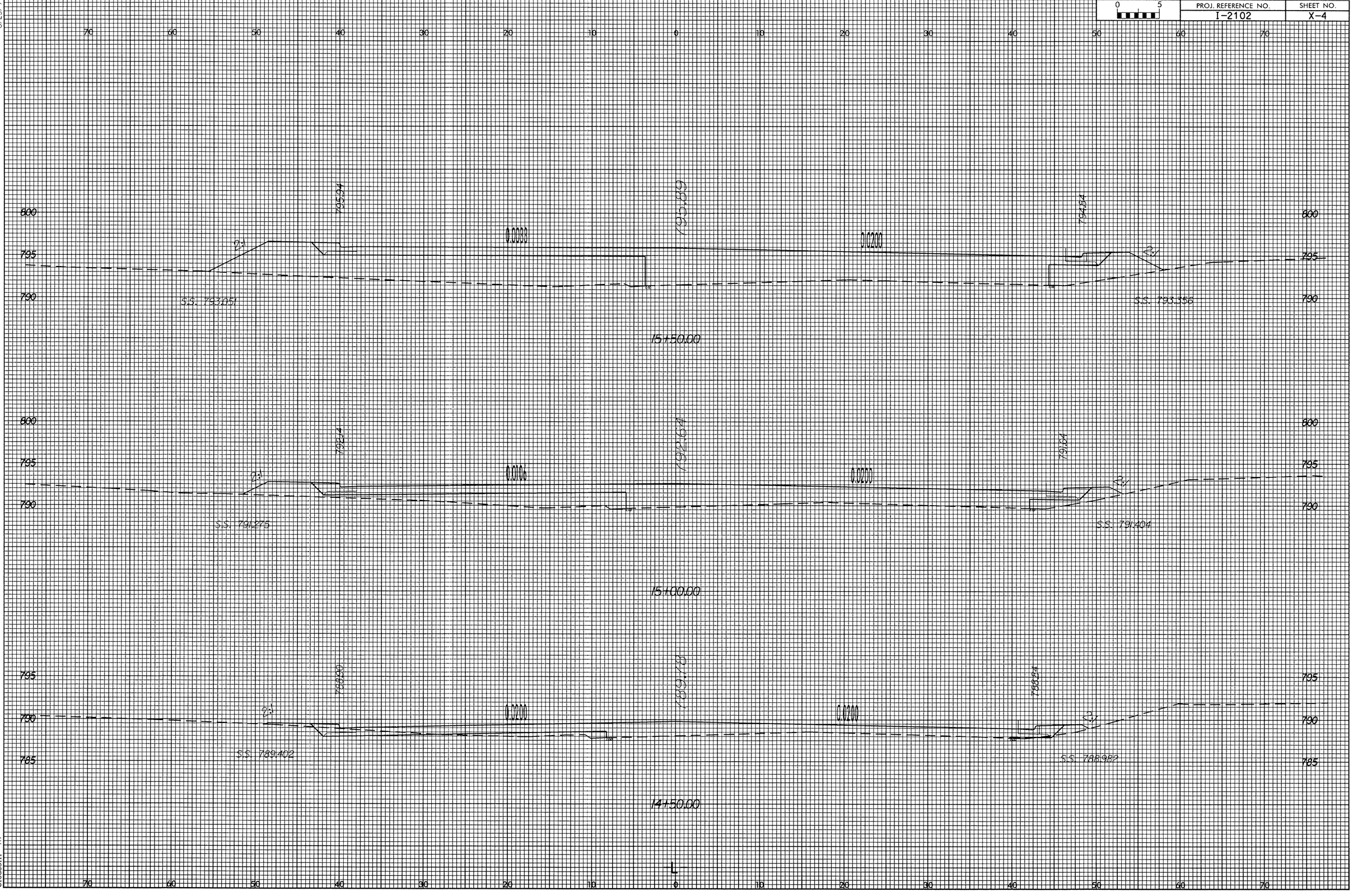

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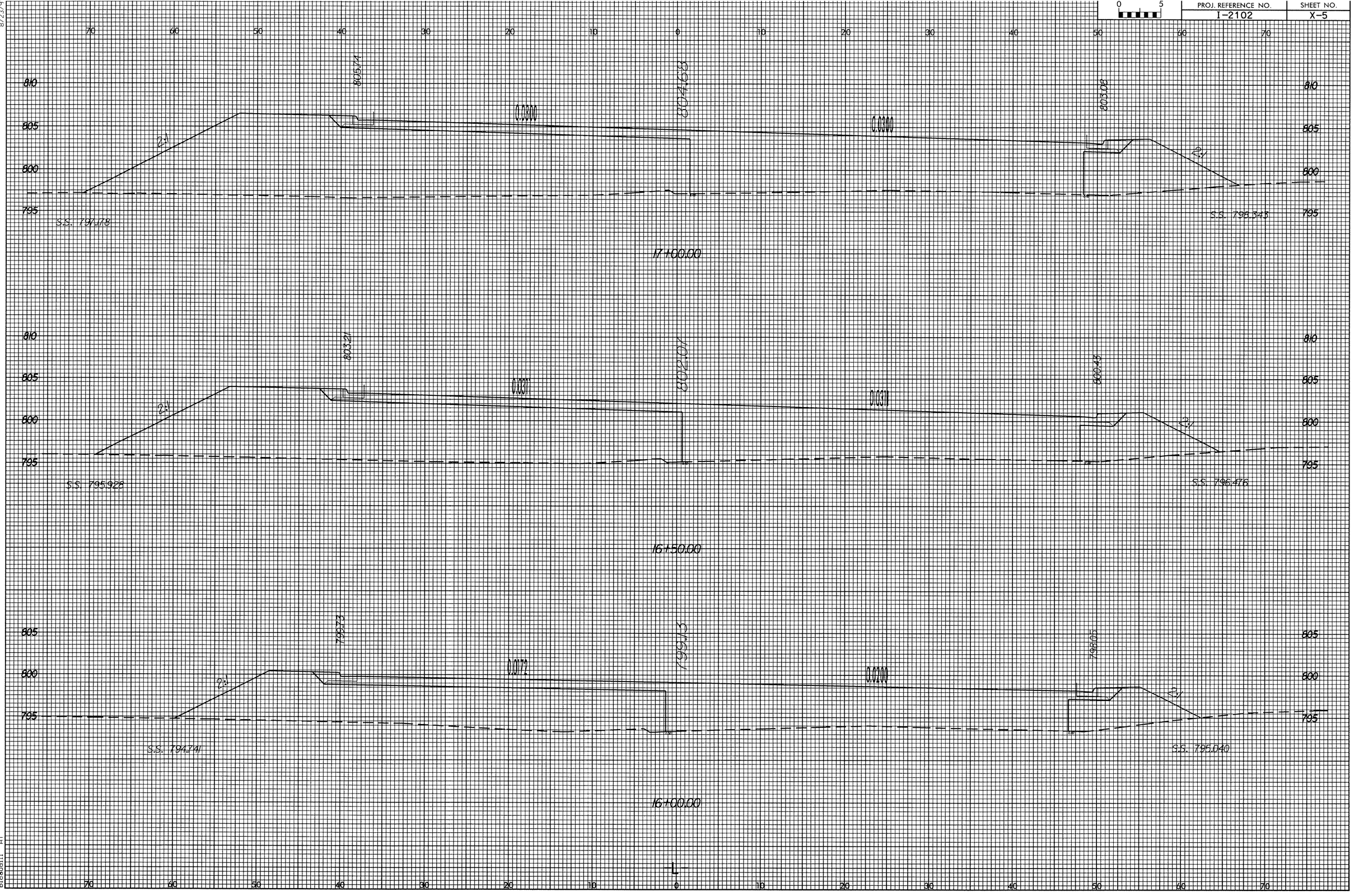

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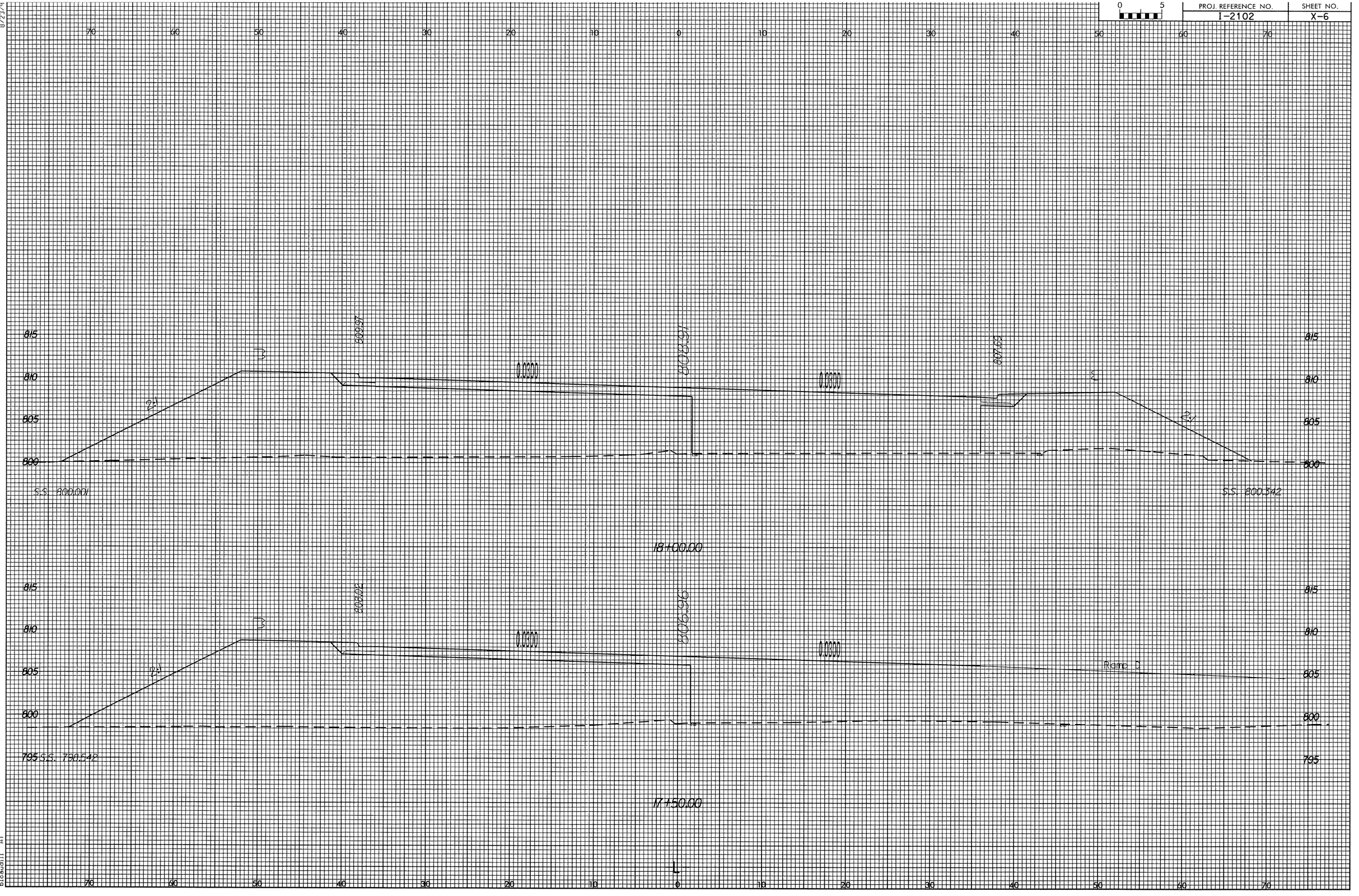

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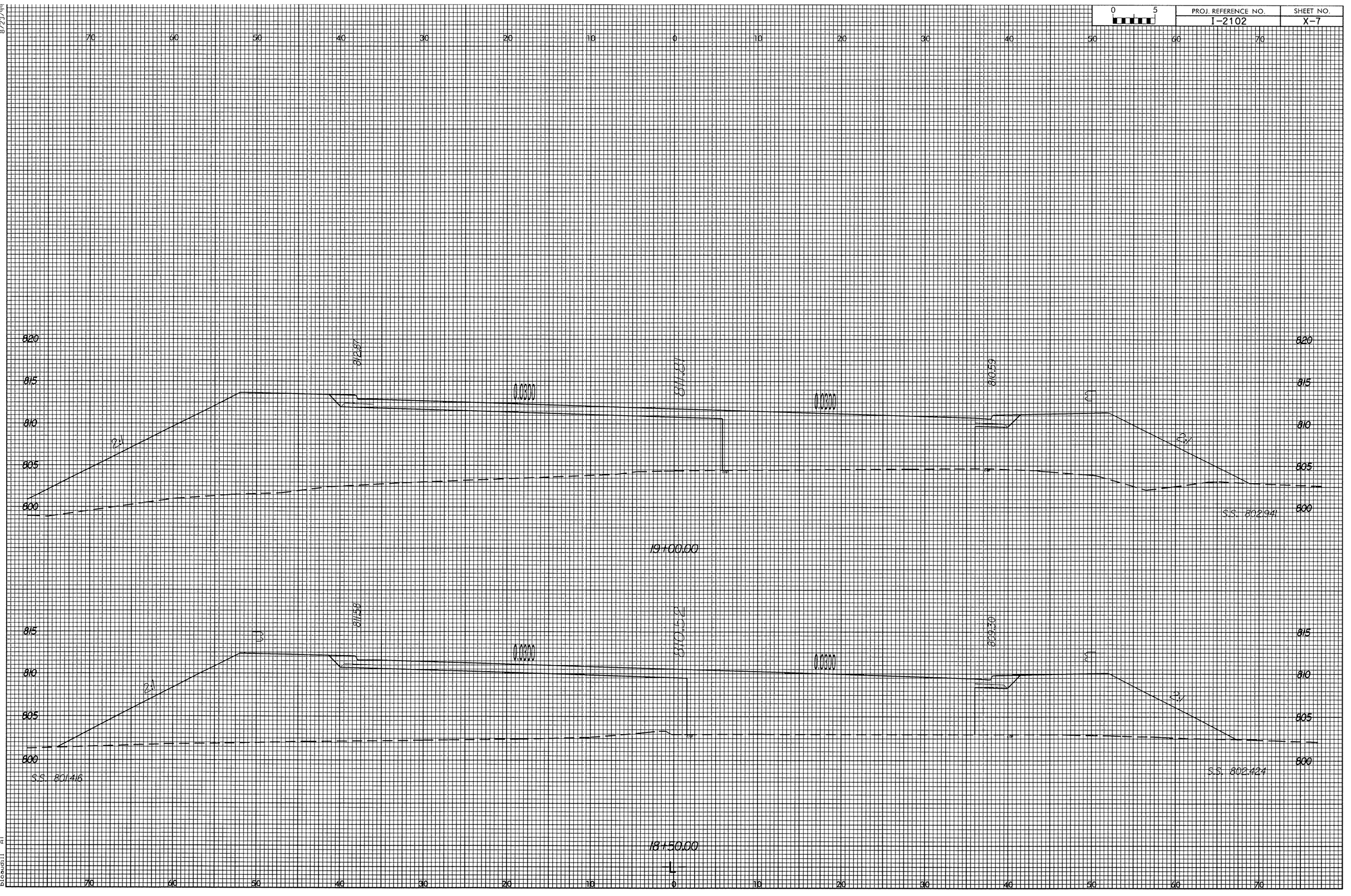

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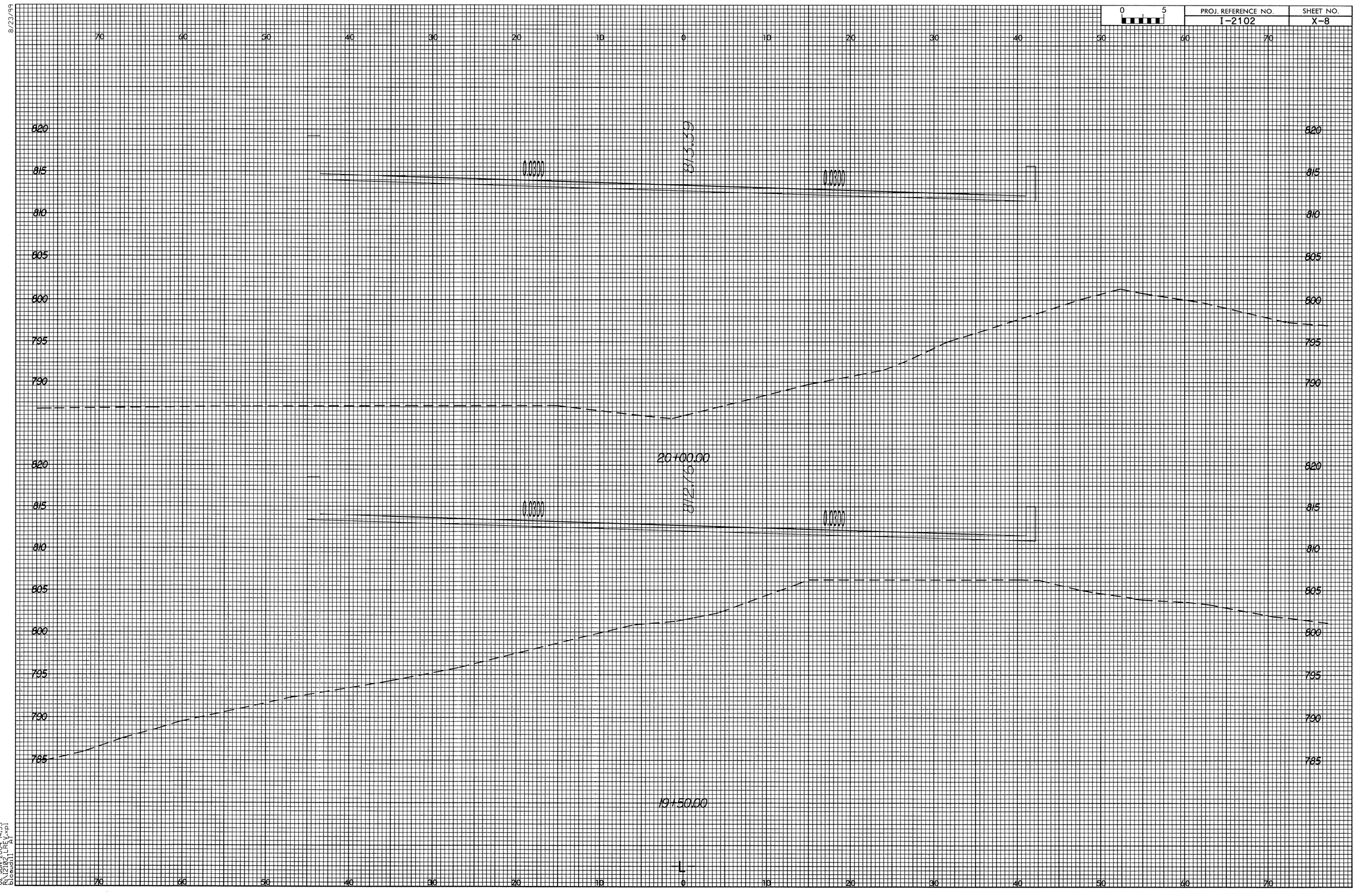
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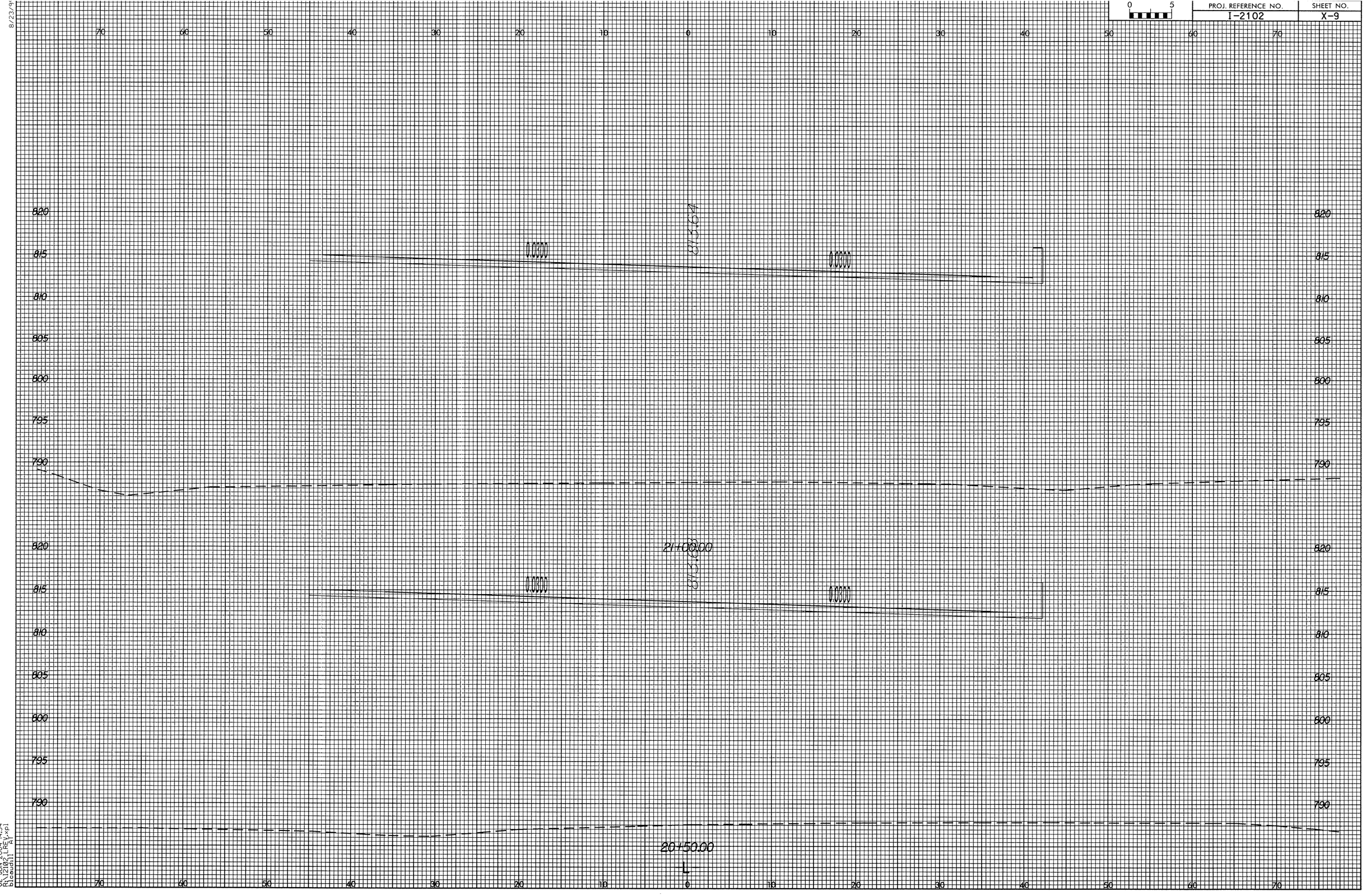
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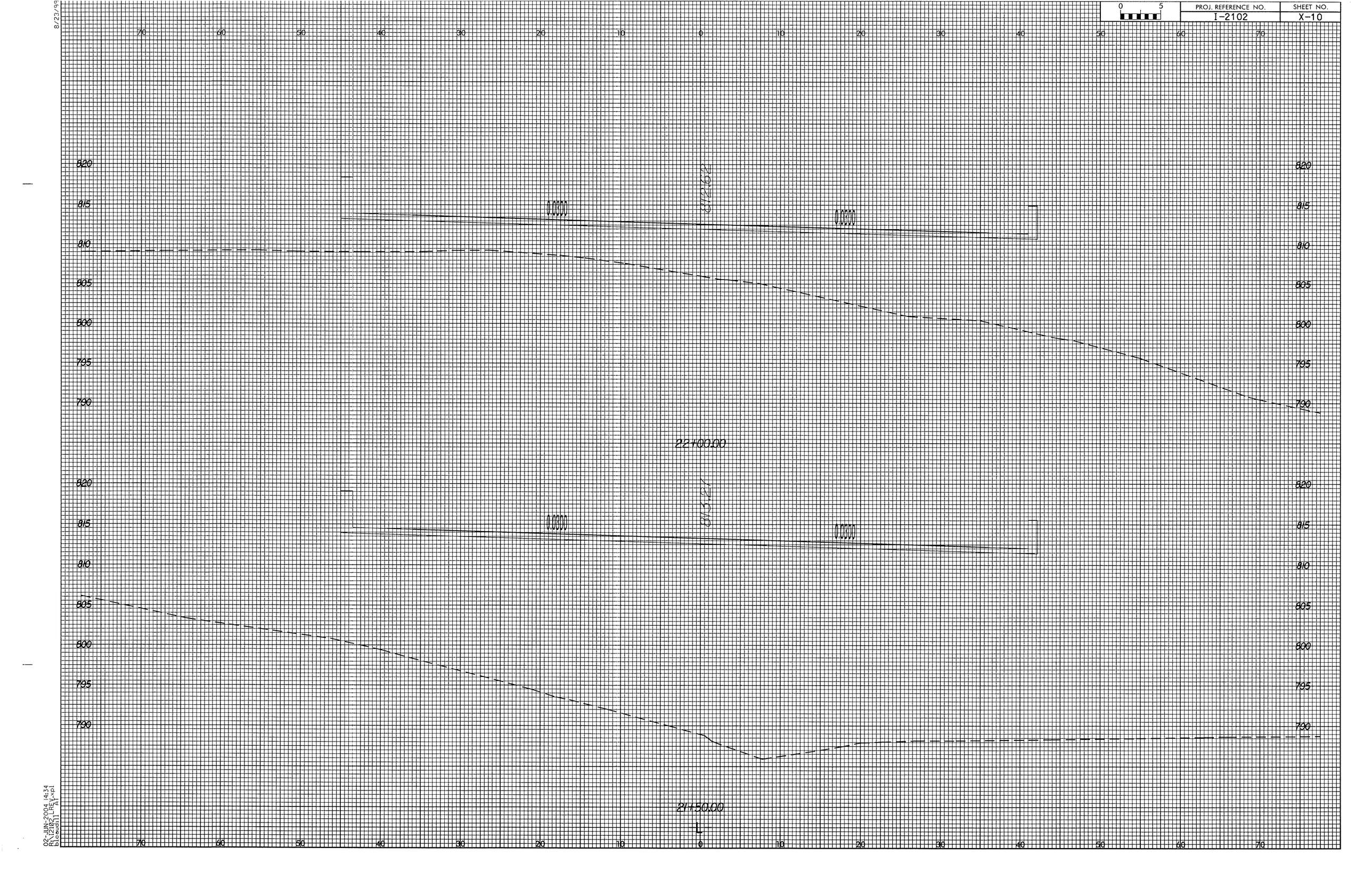
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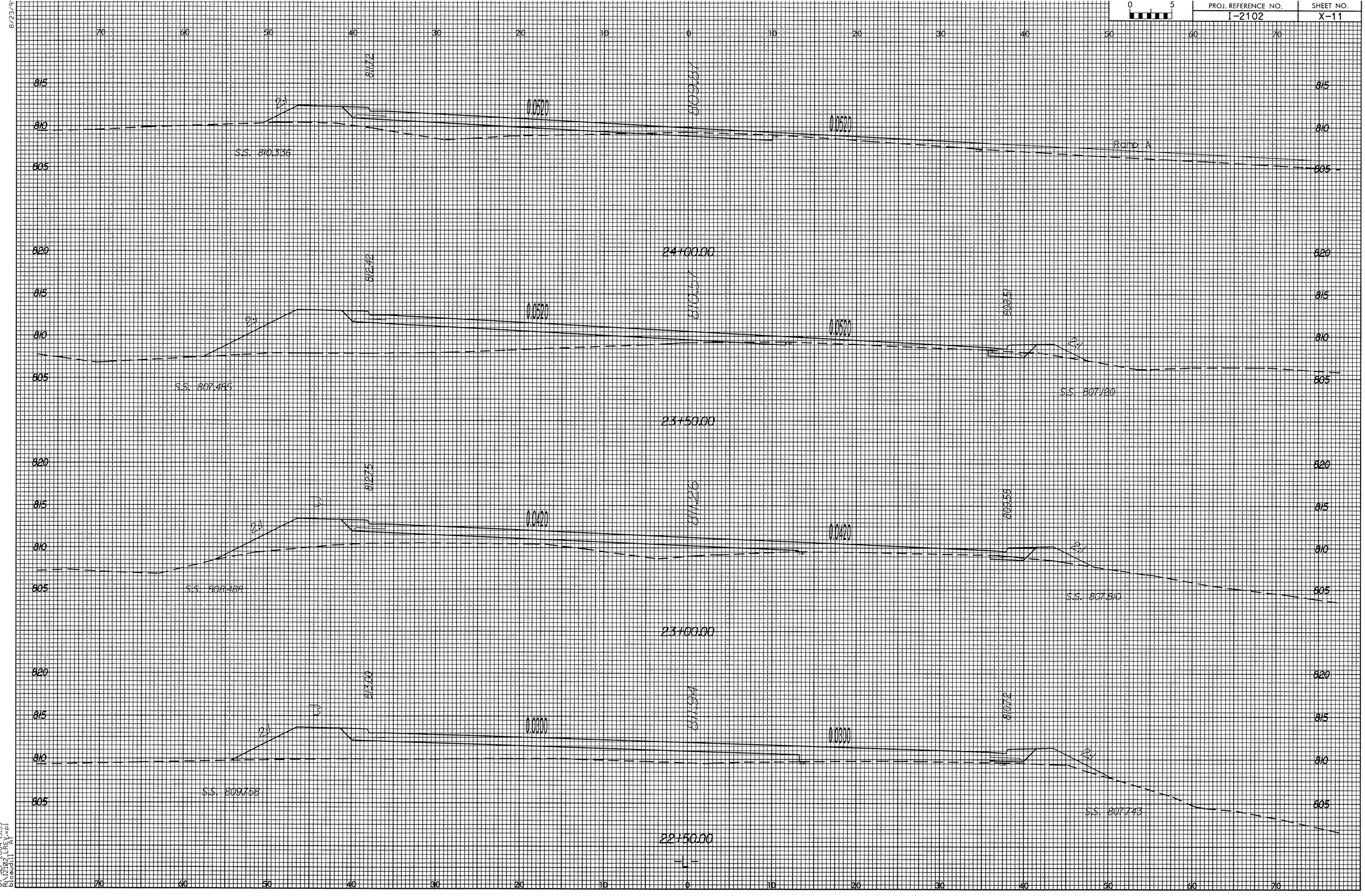
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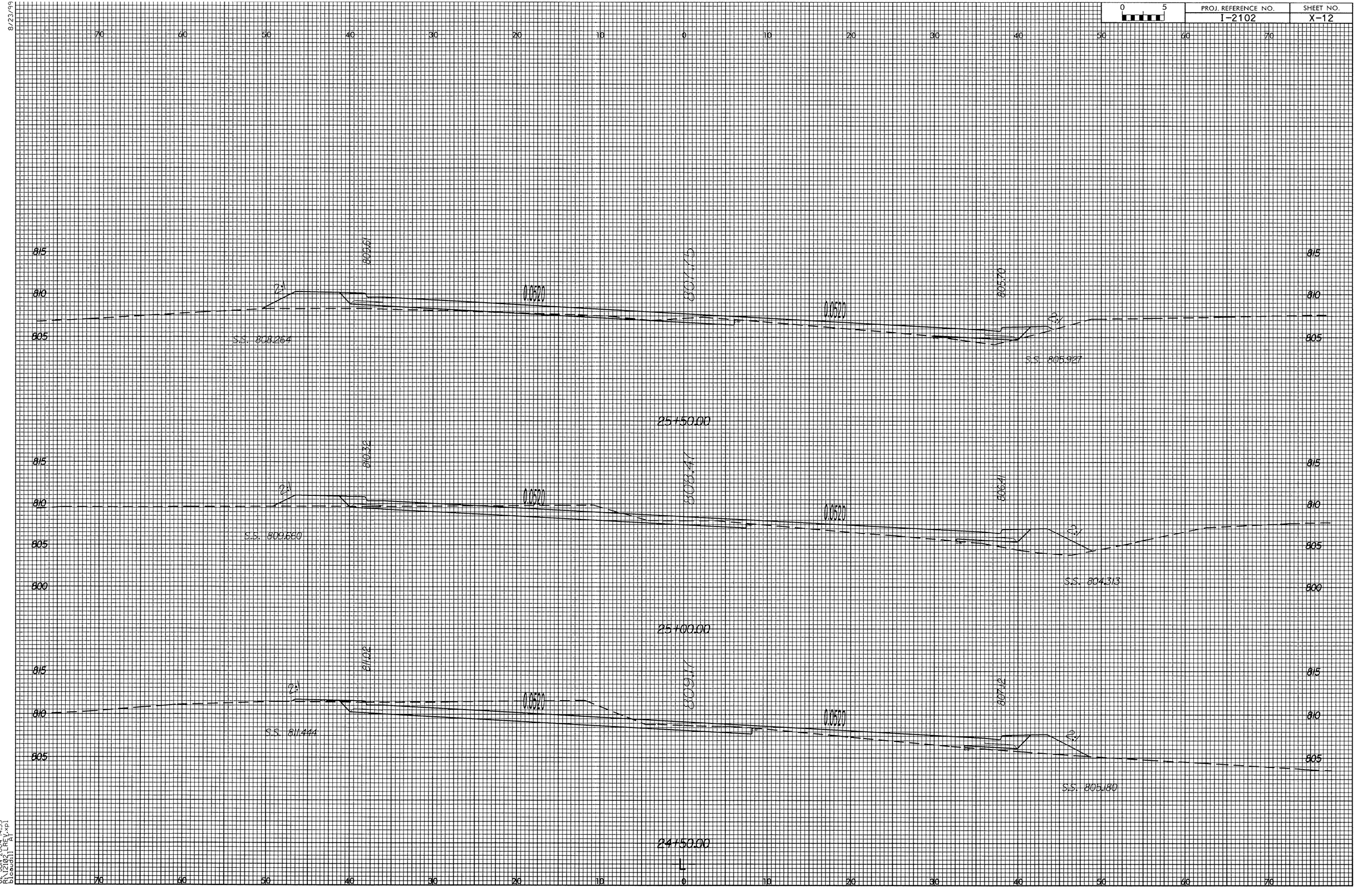

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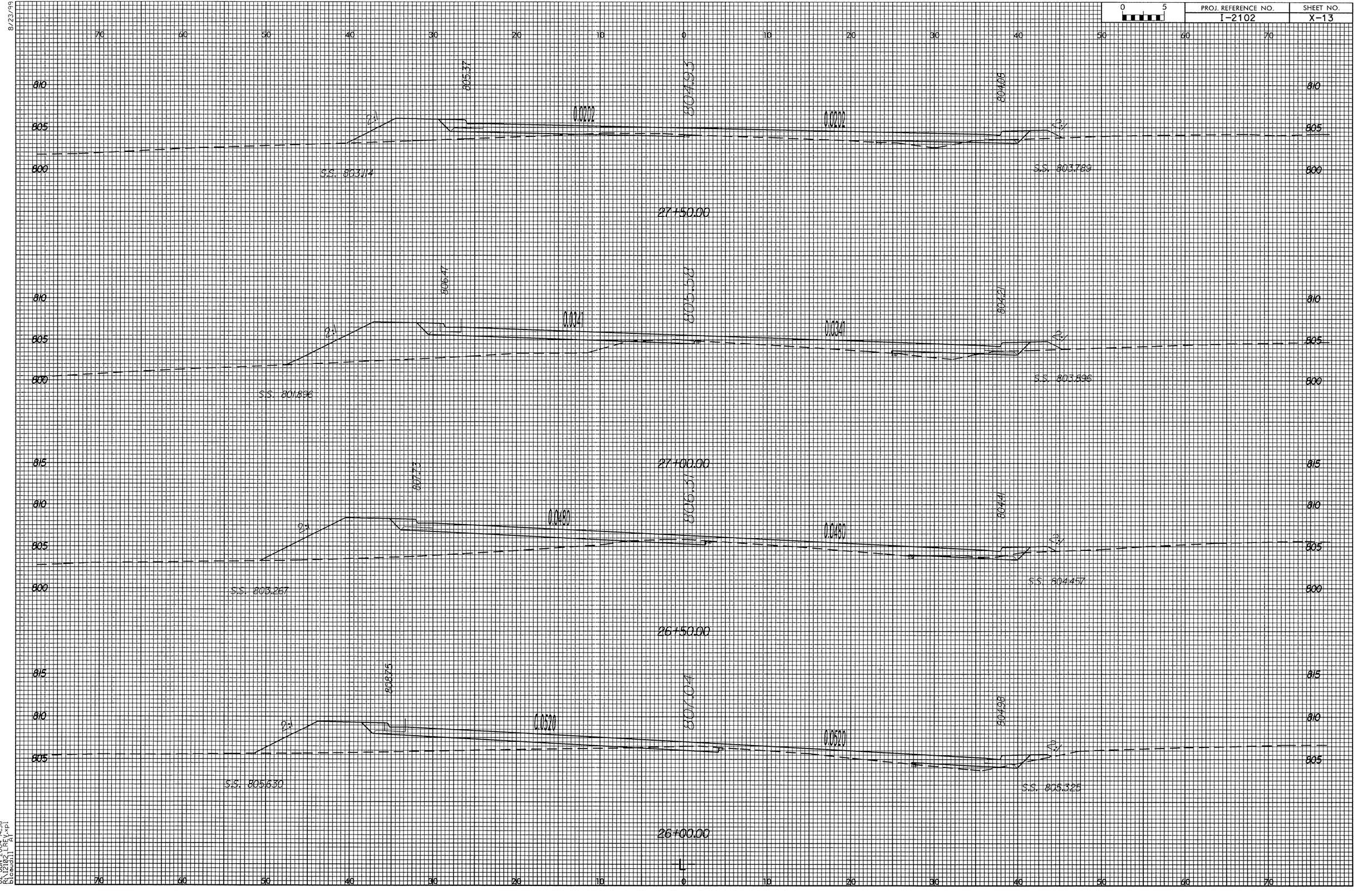

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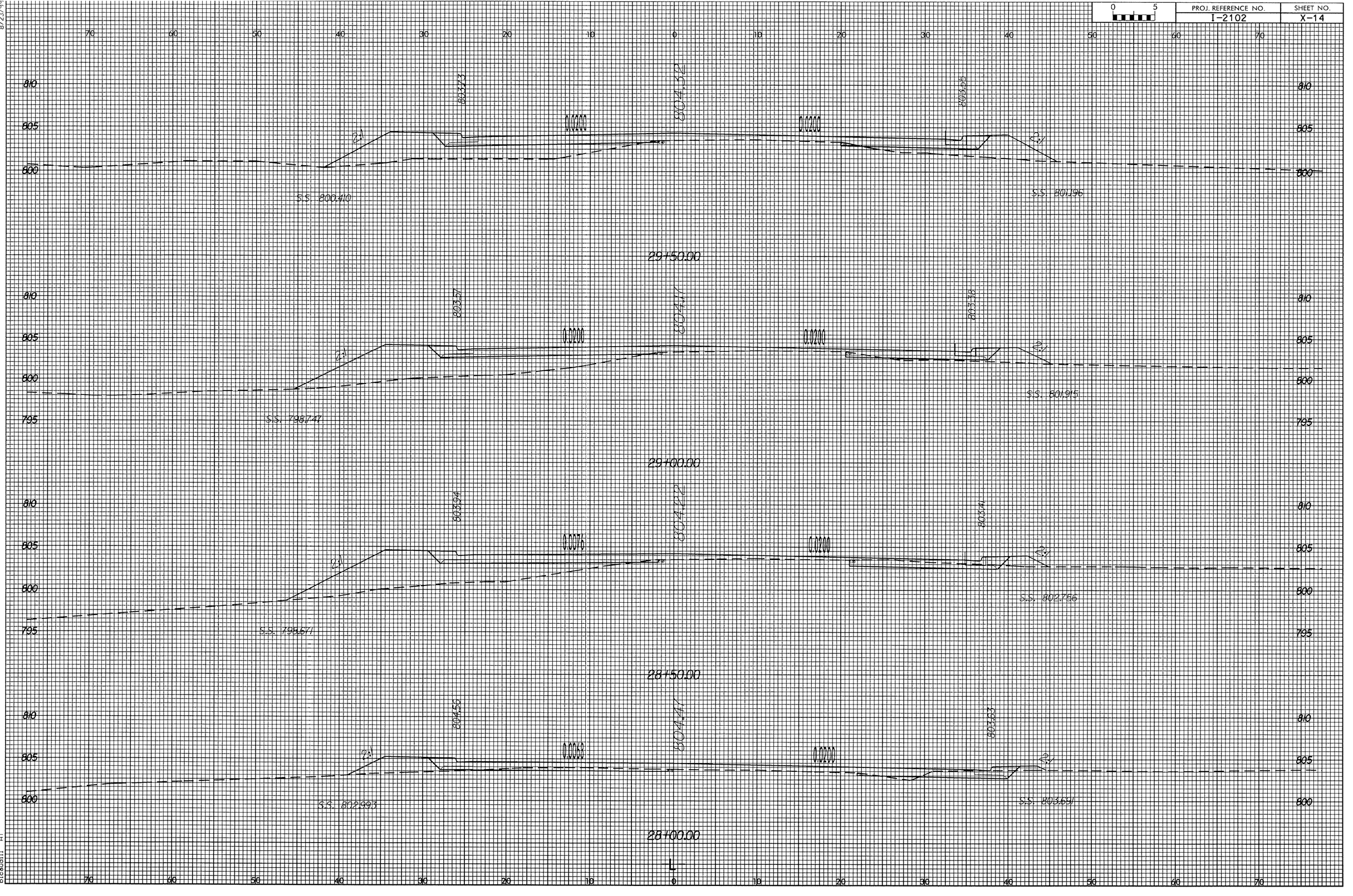

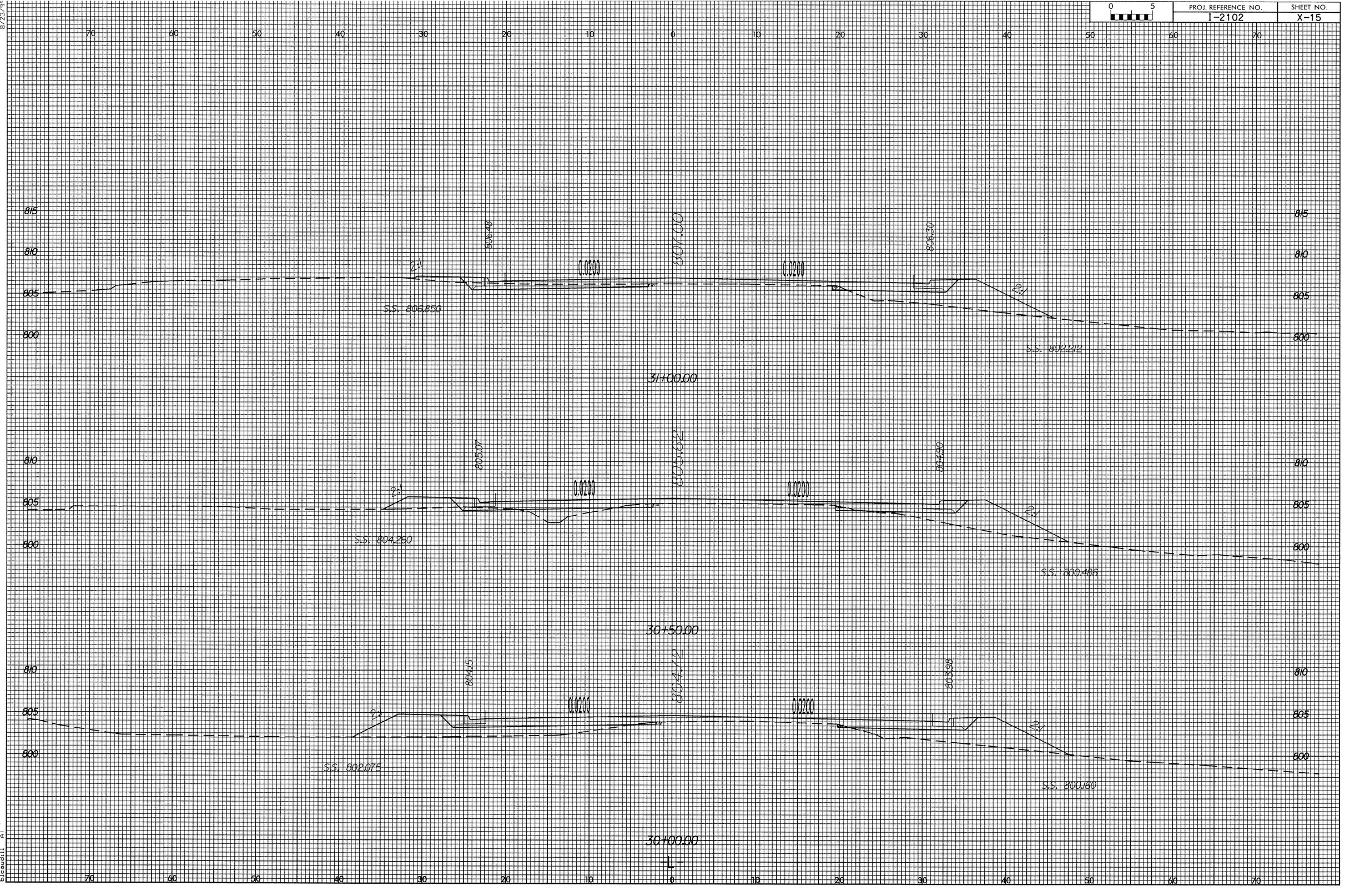

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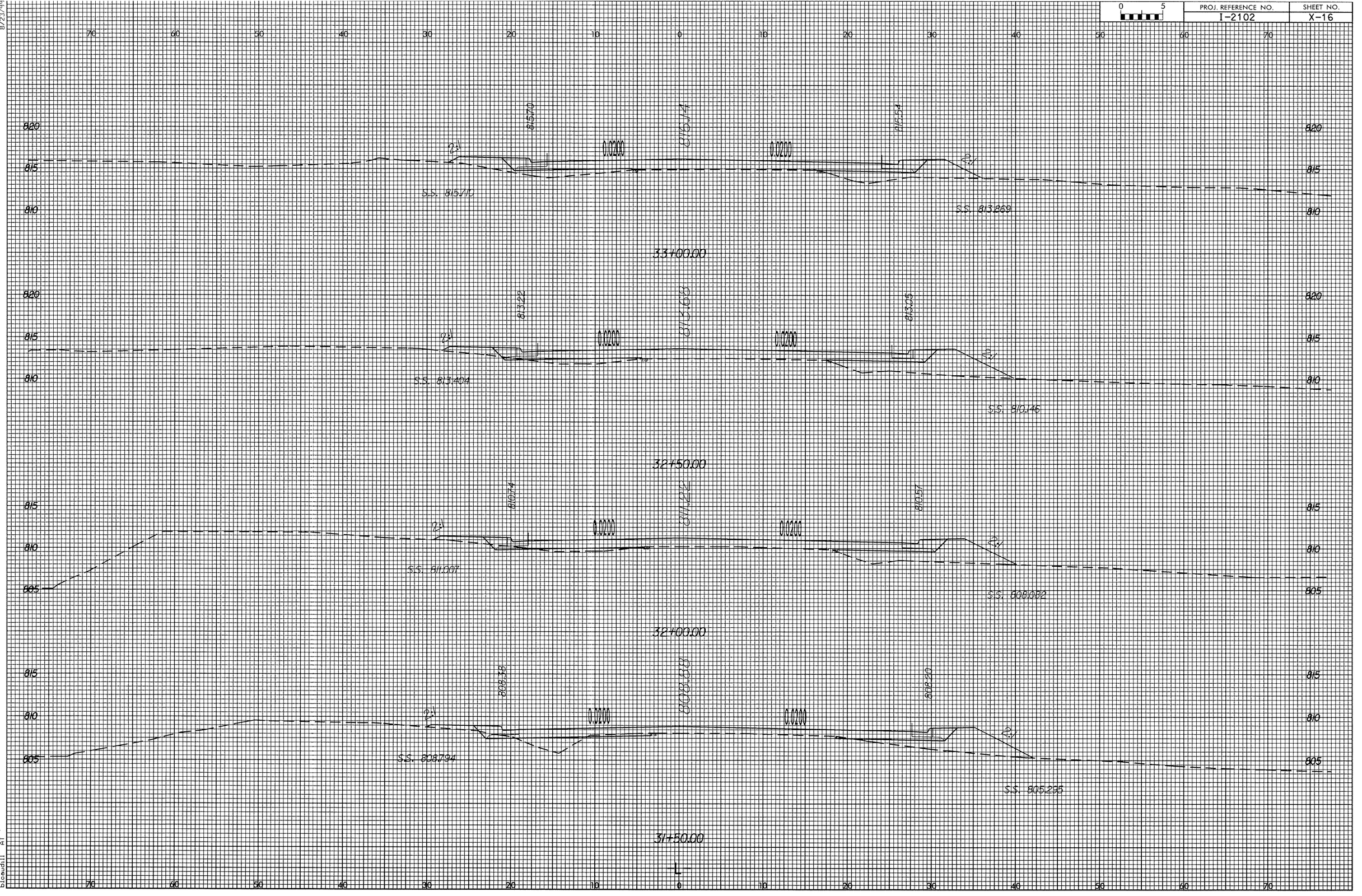

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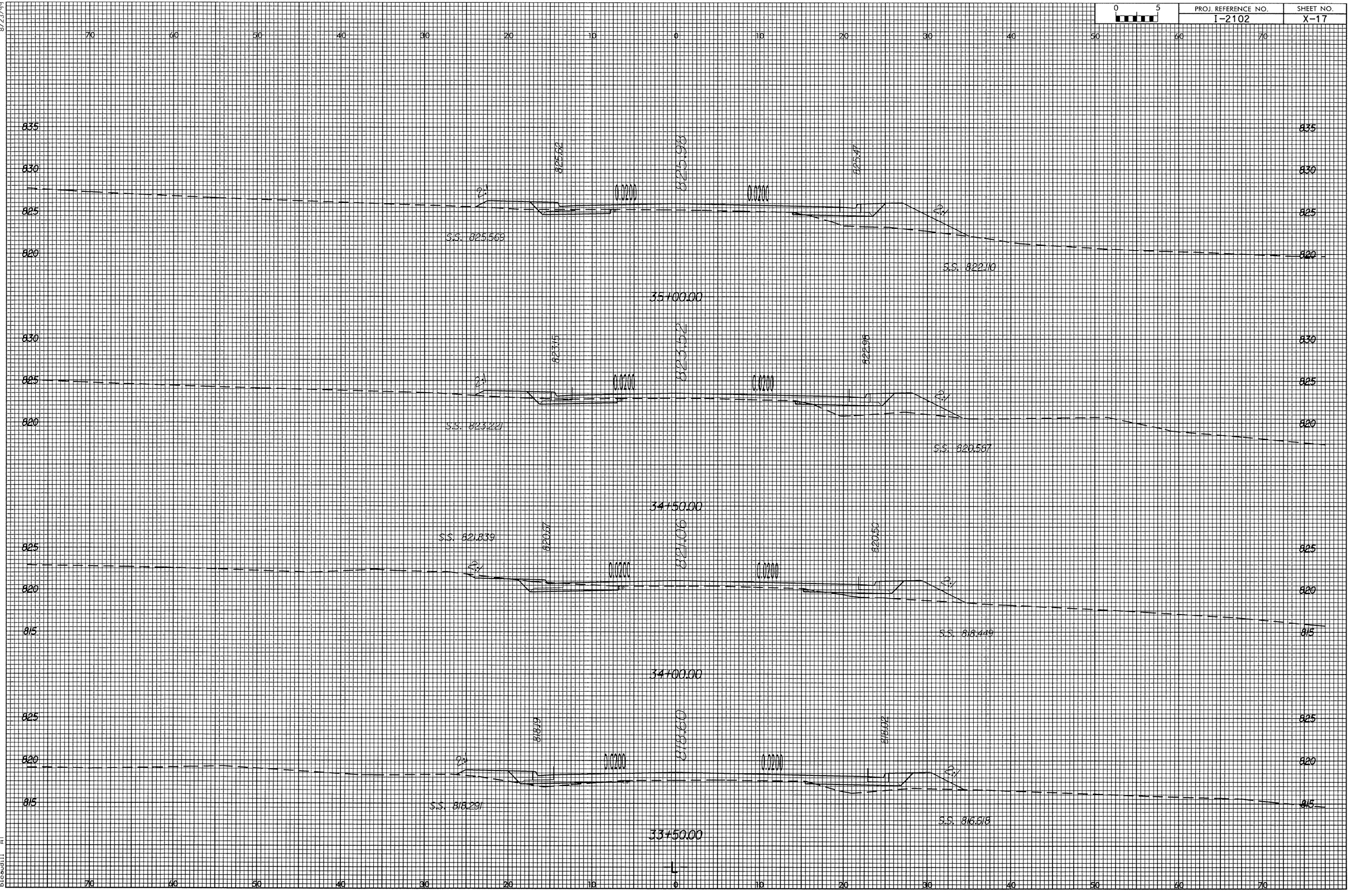

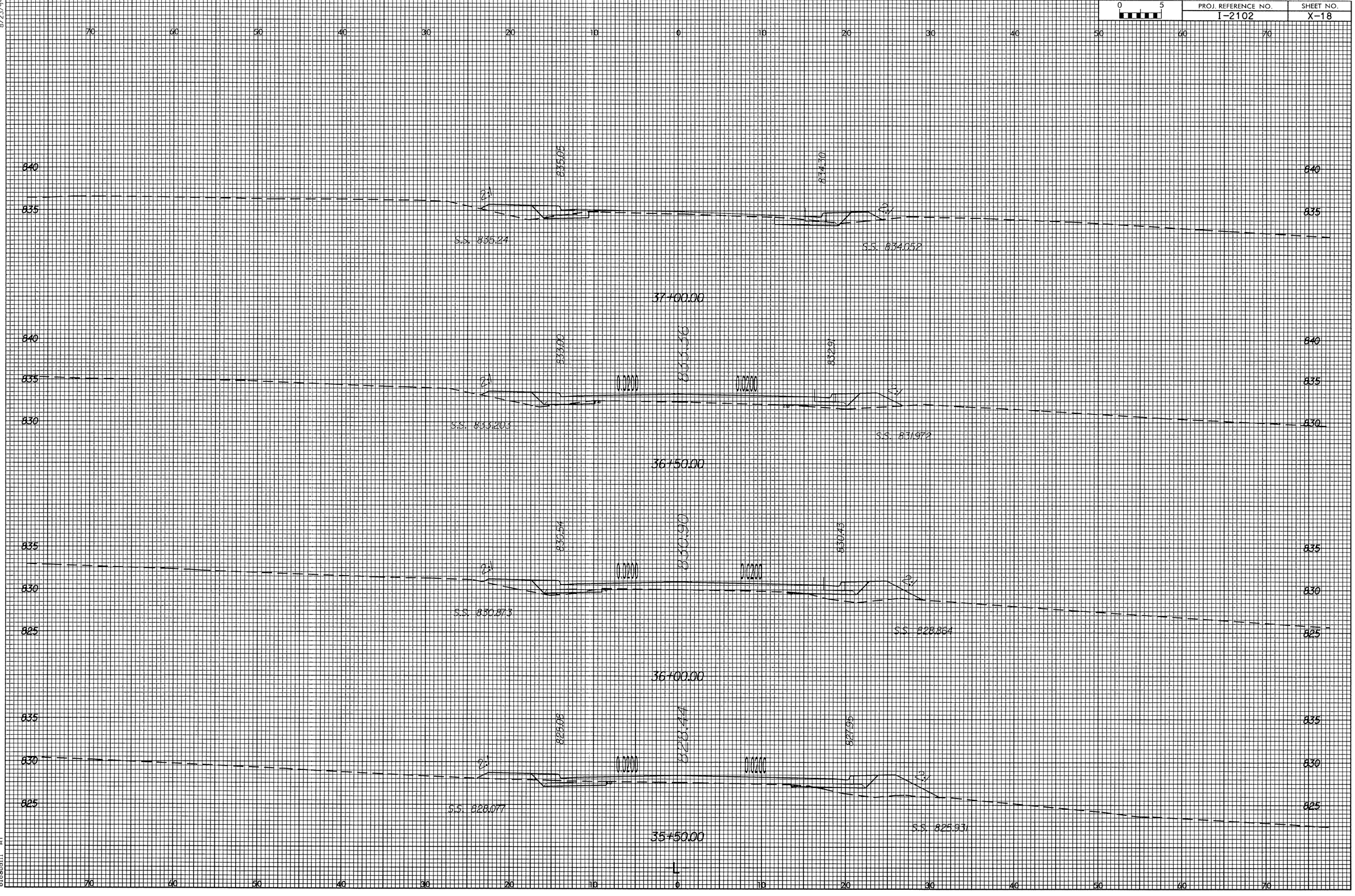

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PROJ. REFERENCE NO.	SHEET NO.
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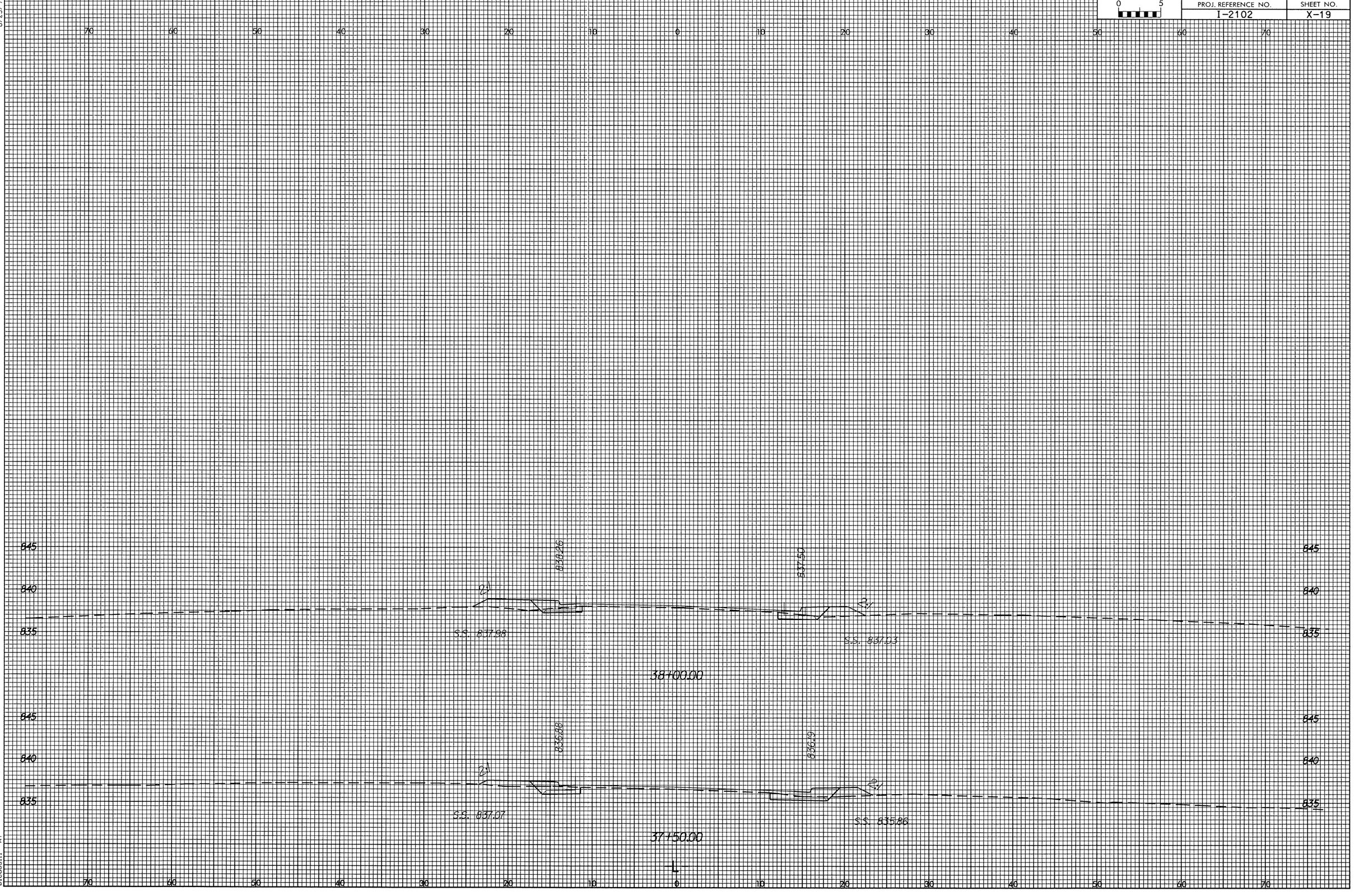

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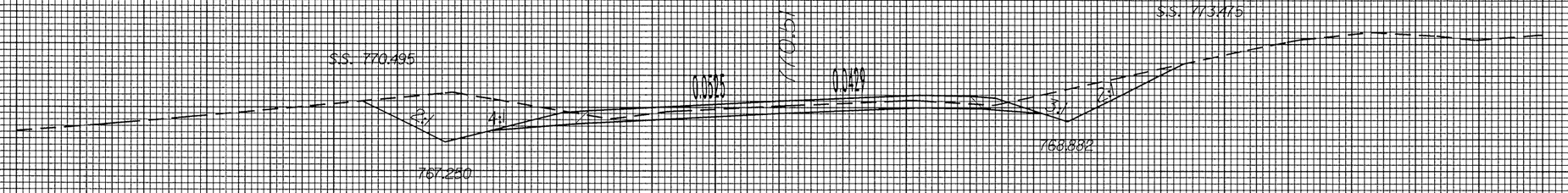

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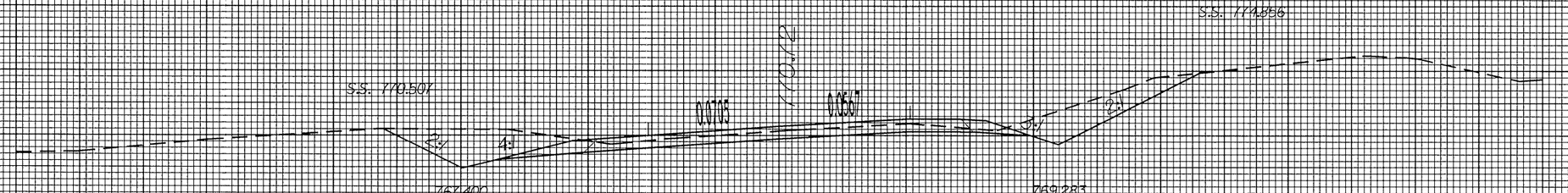

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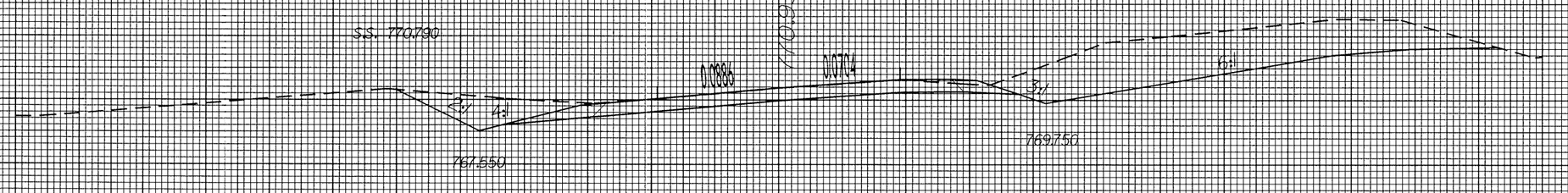

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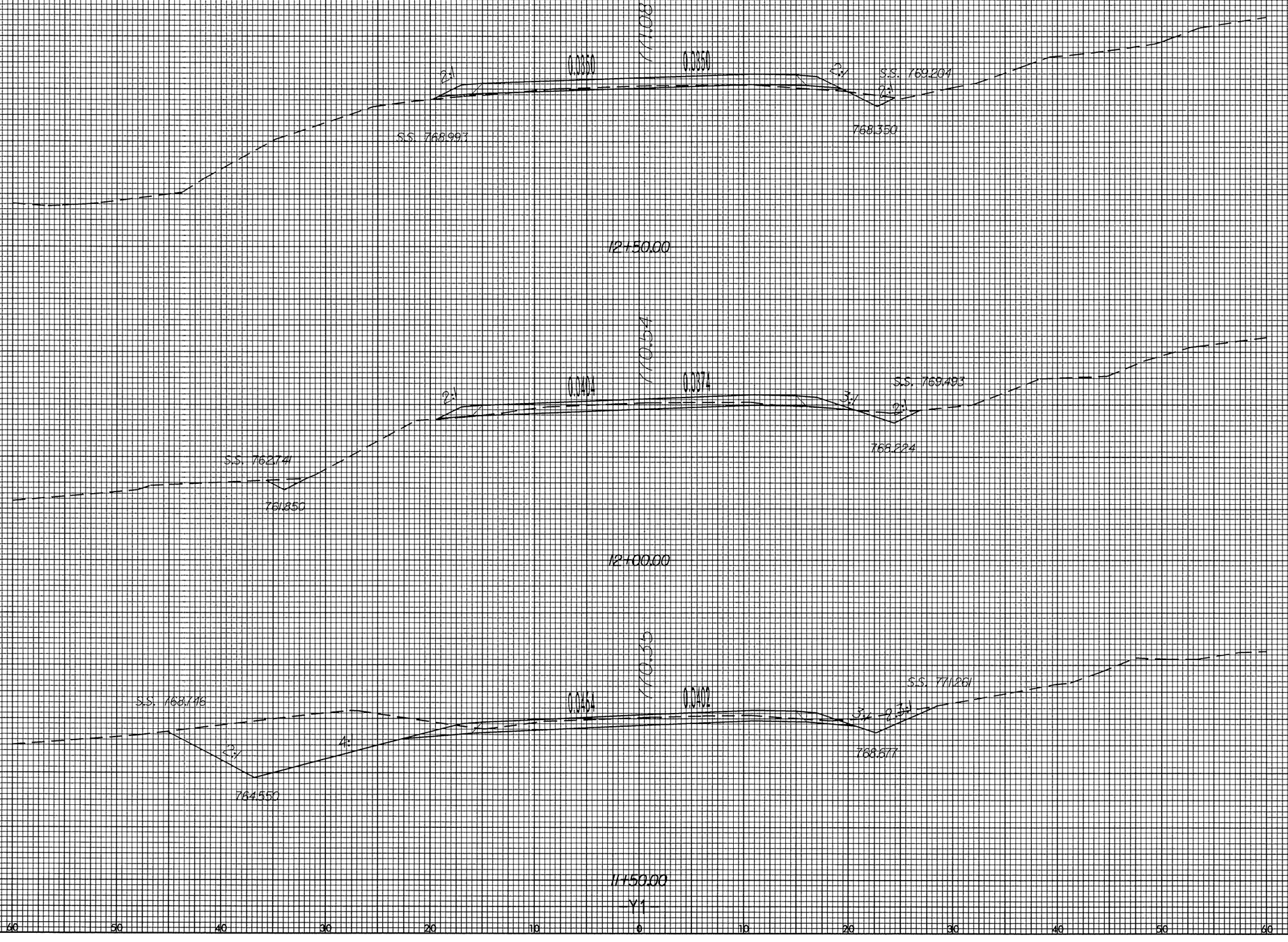
	I-2102	X-21



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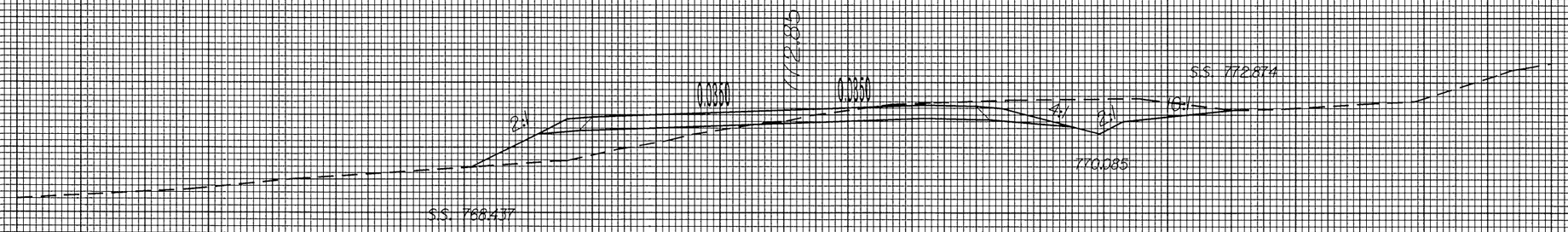

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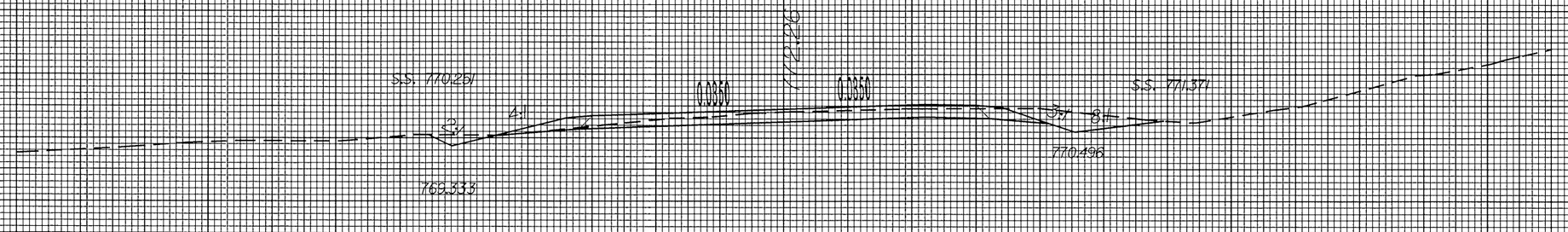

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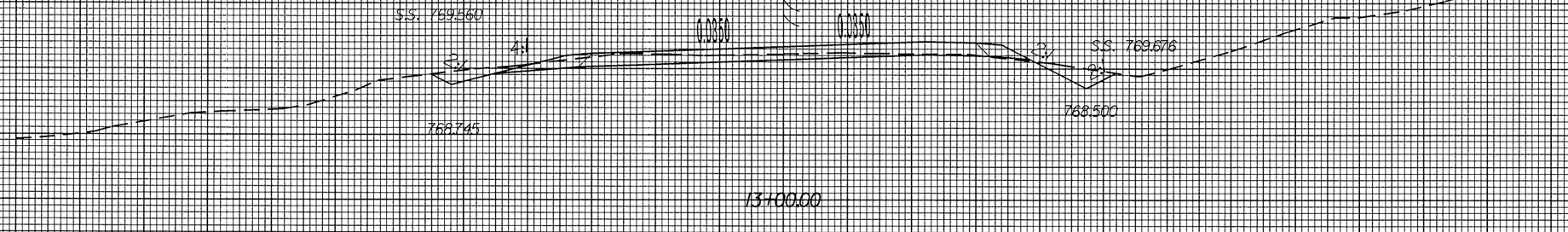

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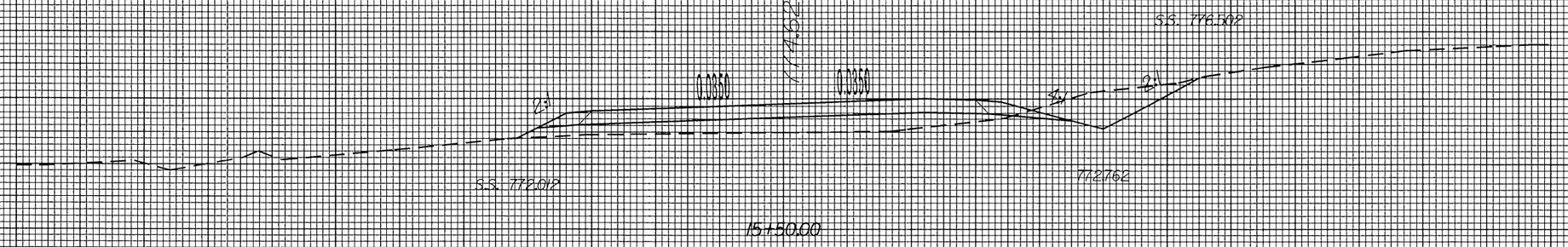

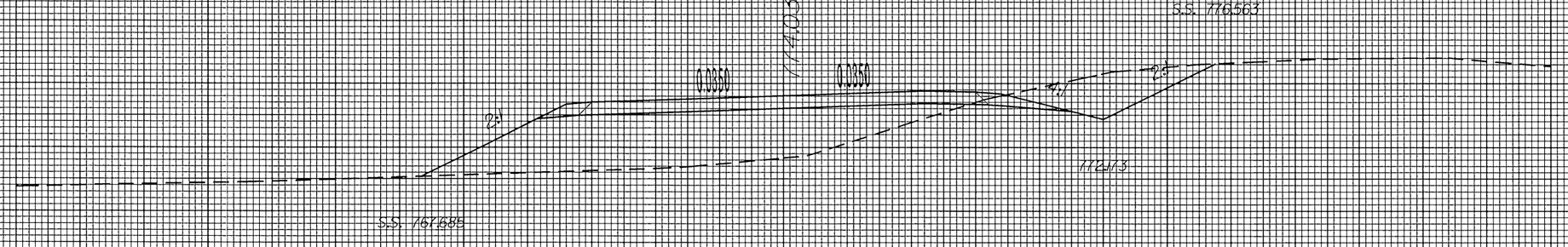

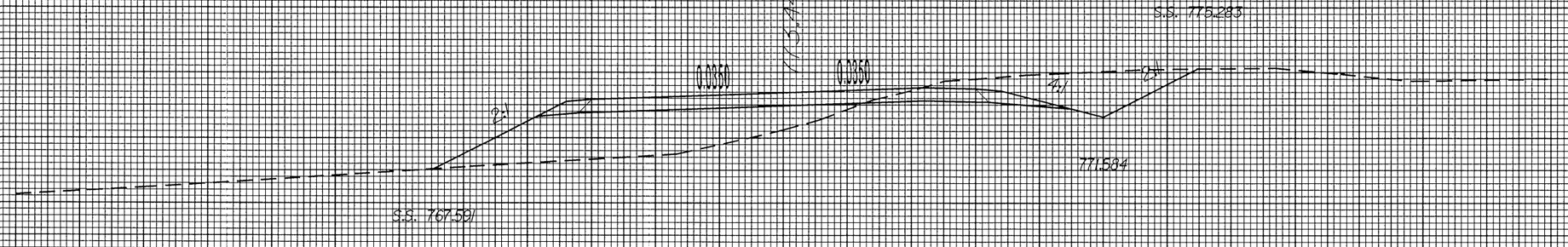

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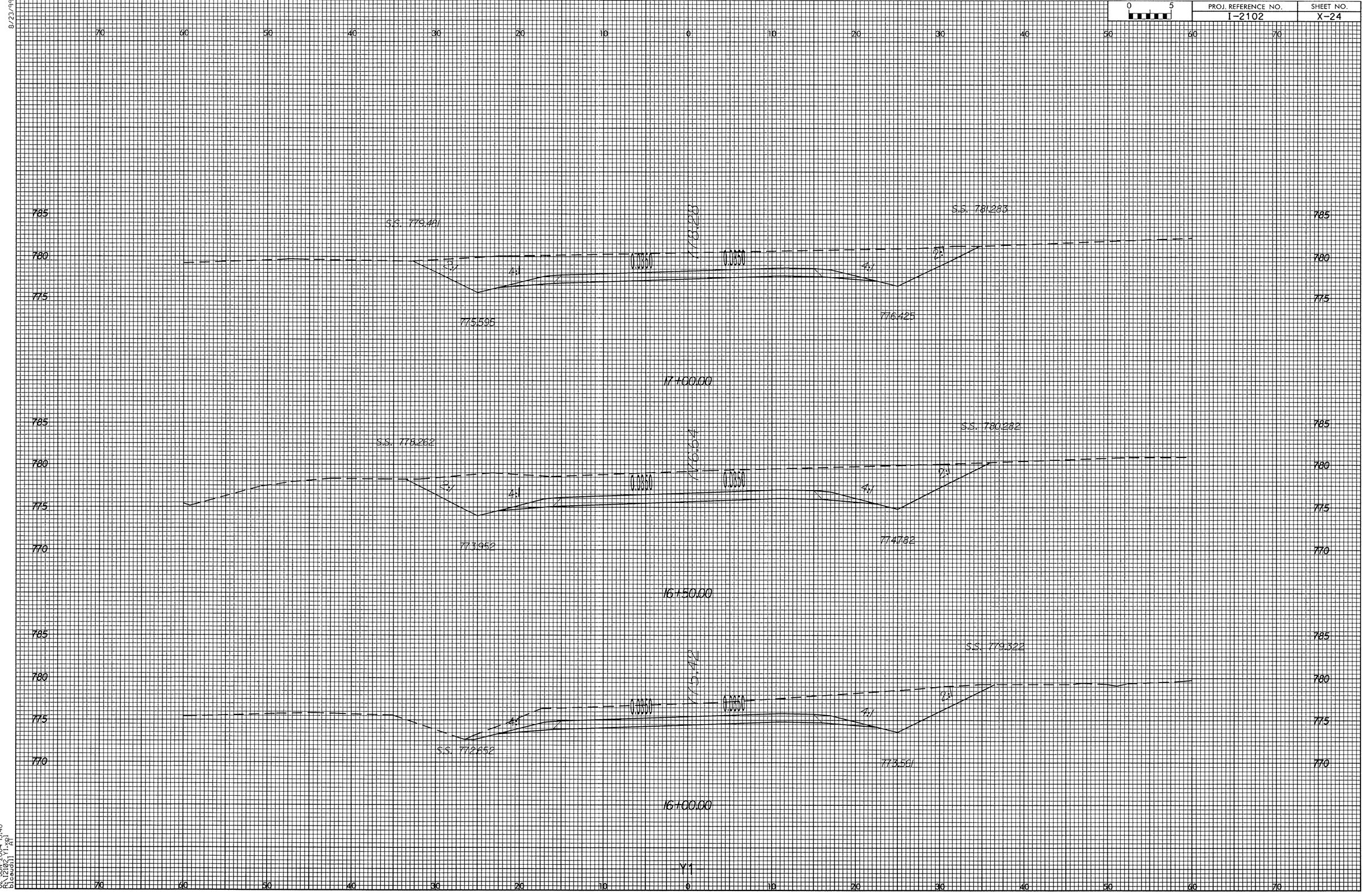

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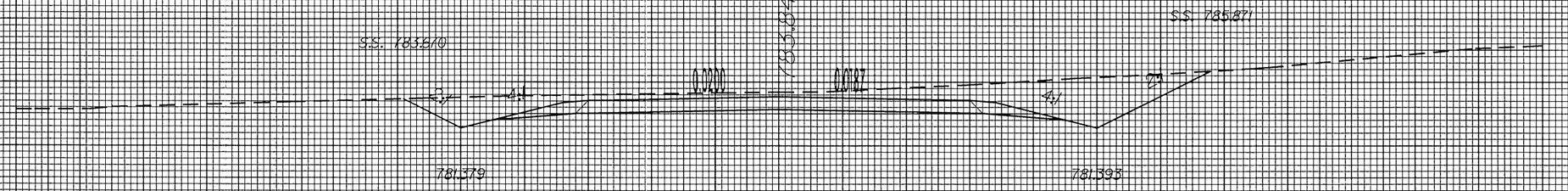

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17+50.00

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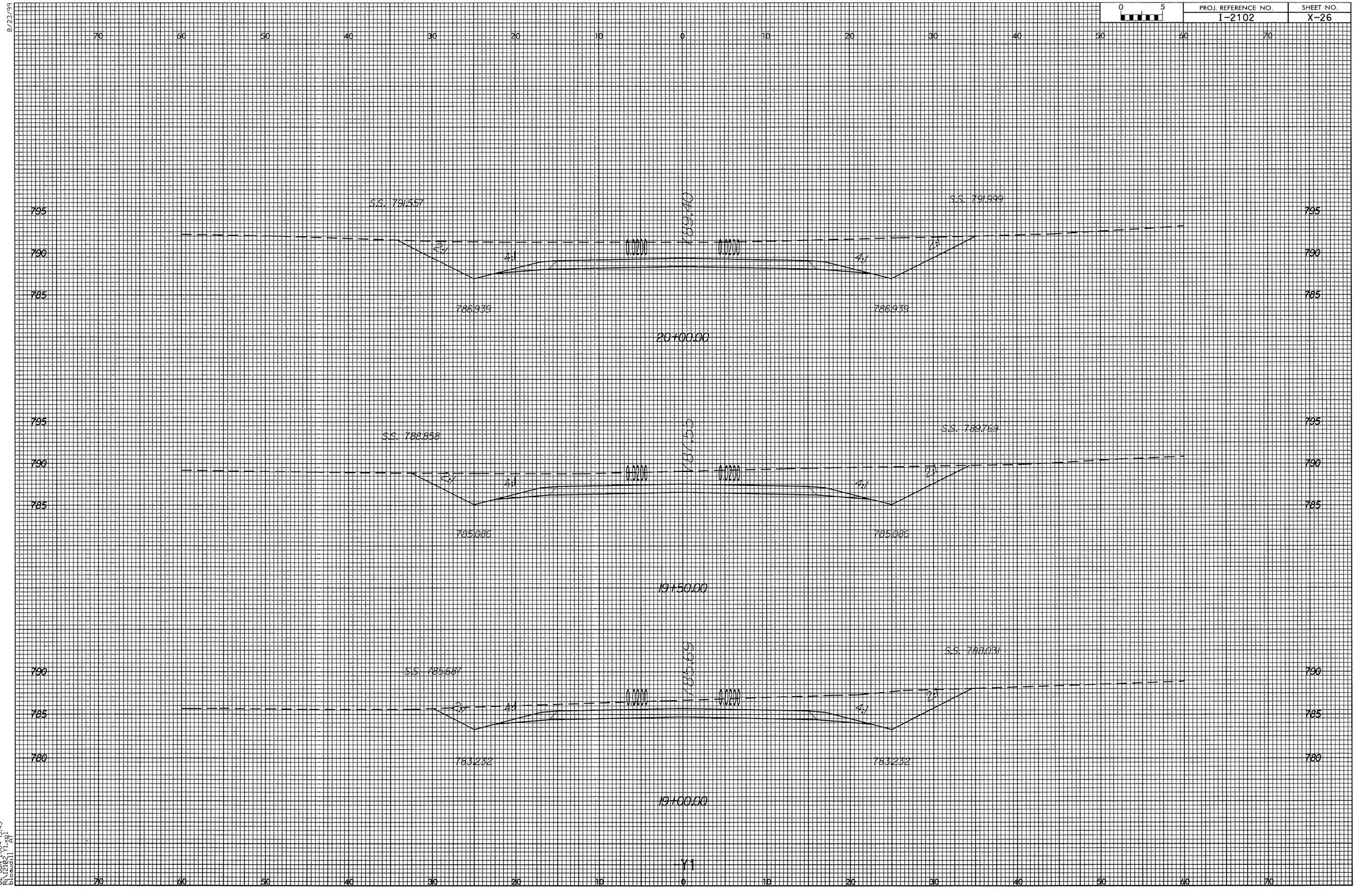

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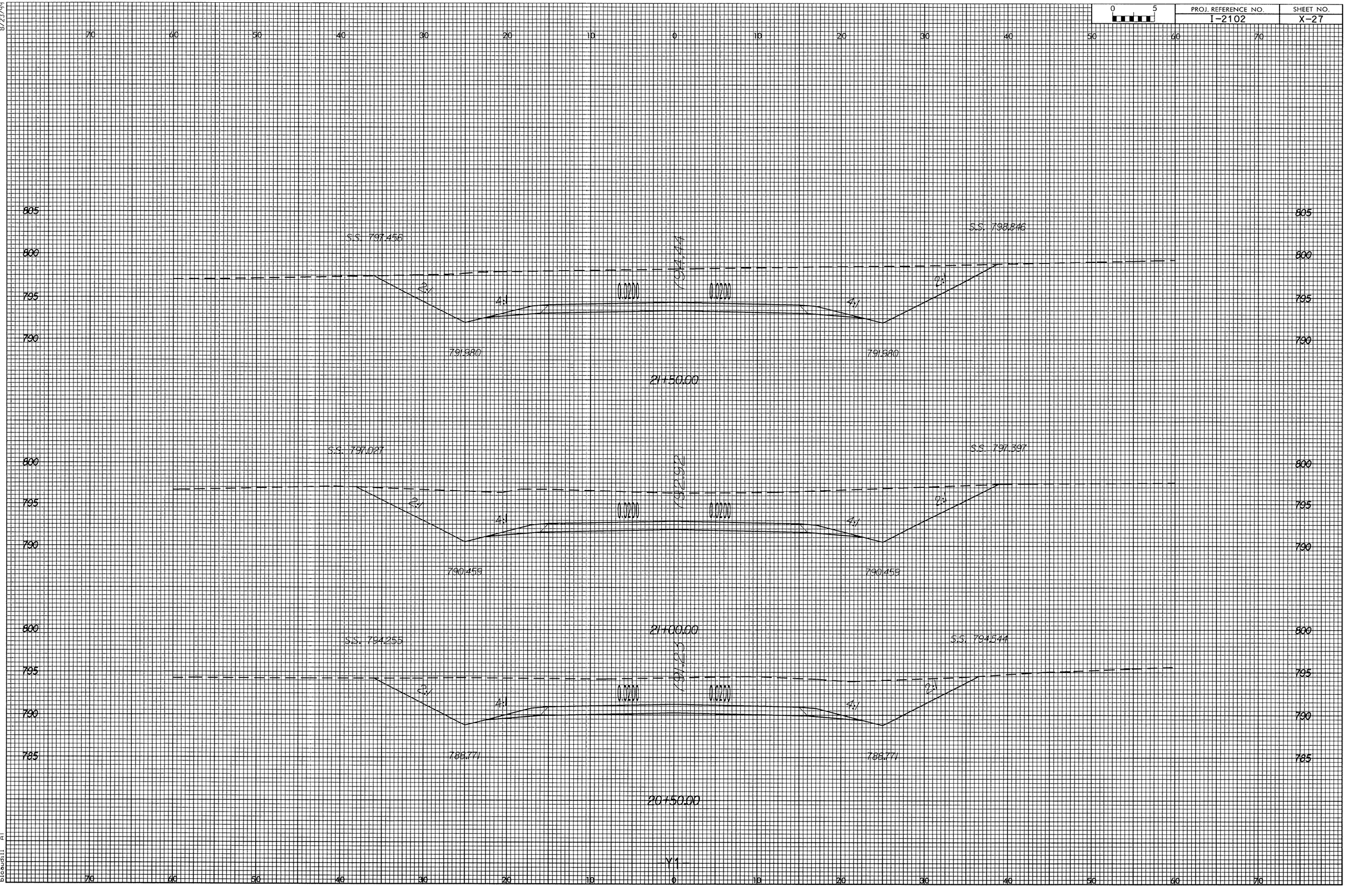

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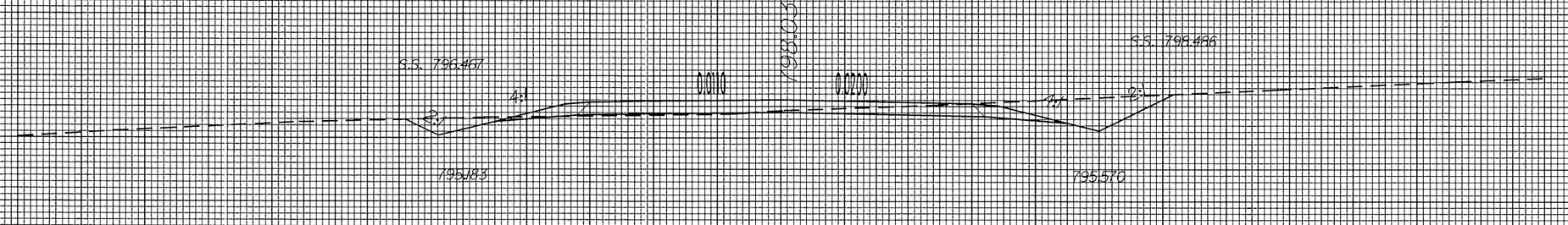

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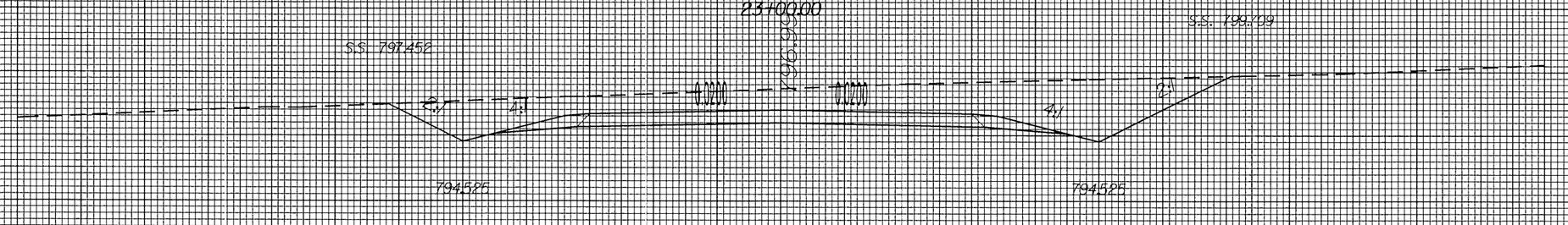

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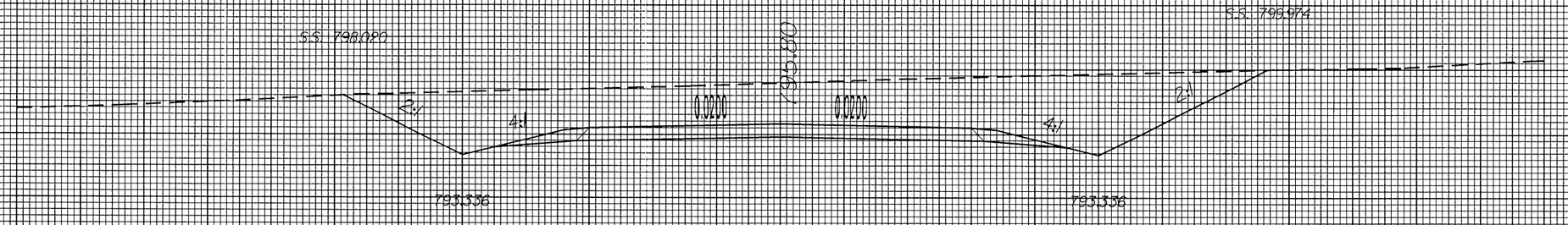

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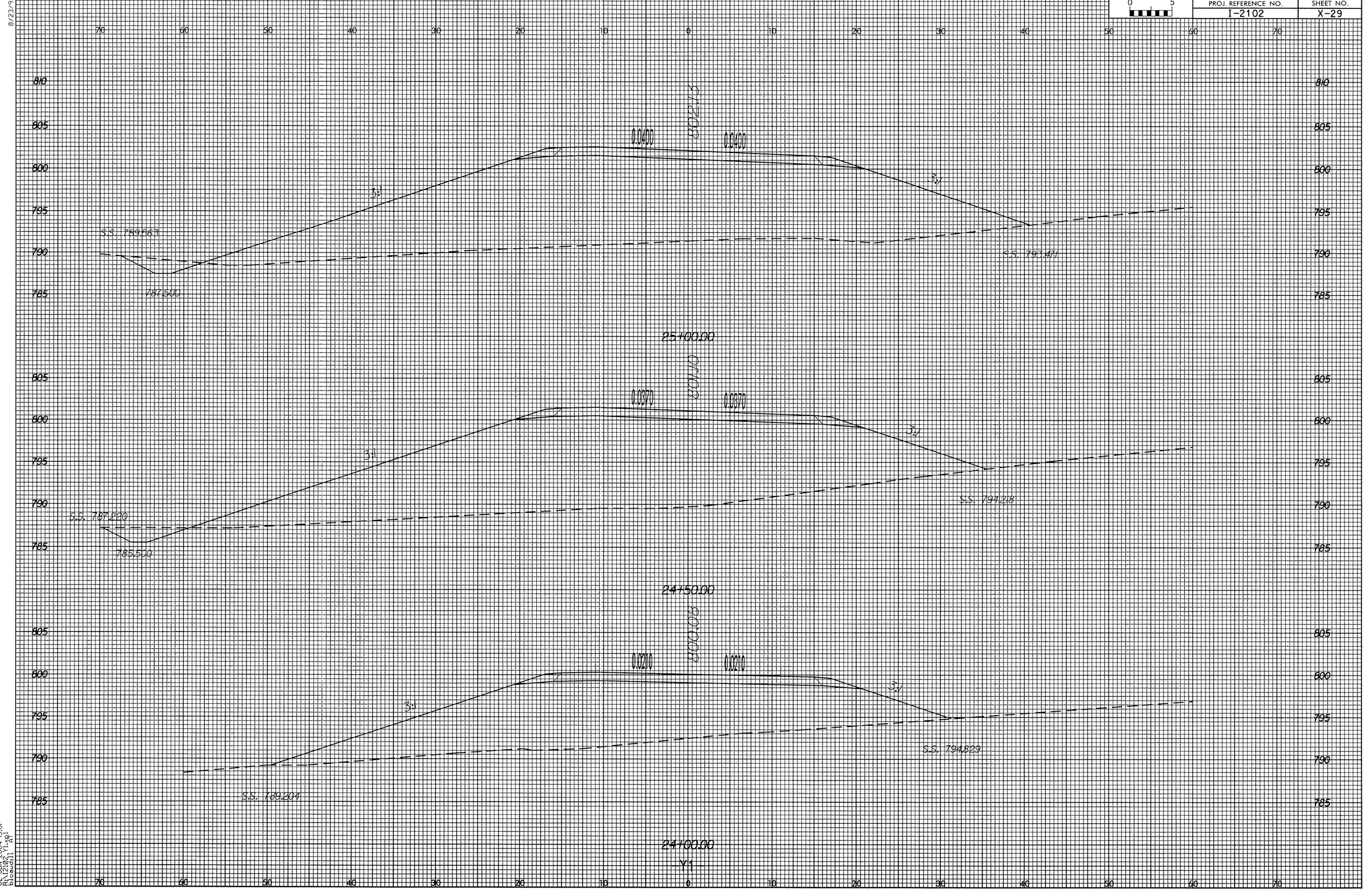
8/23/9
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810 805 800 795 790 785
802+15
0.0400
0.0400
3:1
3:1
S.S. 789.565
787.500
S.S. 793.471
25+00.00
801+10
0.0370
0.0370
3:1
3:1
S.S. 787.220
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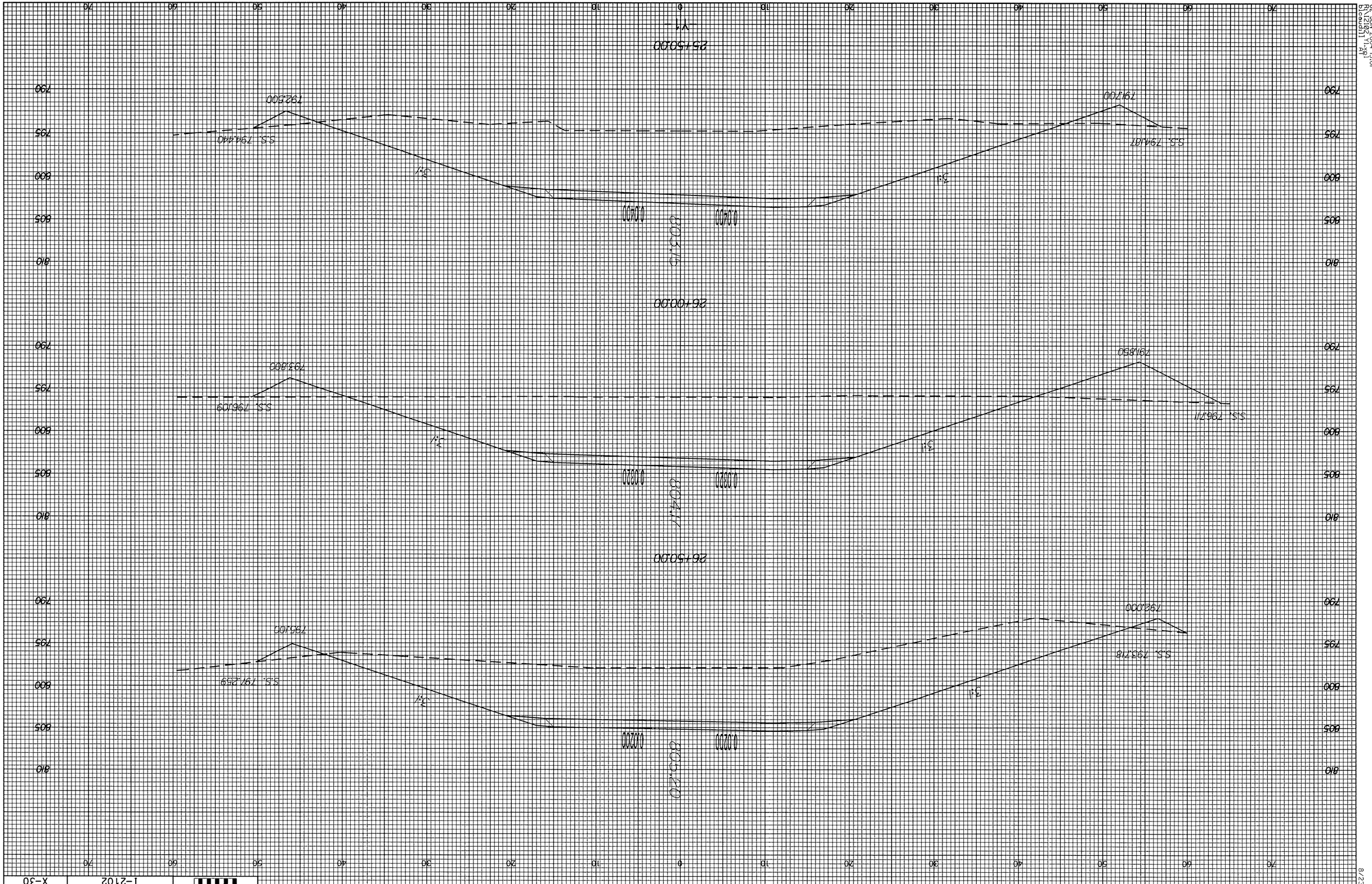

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0 5	PROJ. REFERENCE NO.	SHEET NO.
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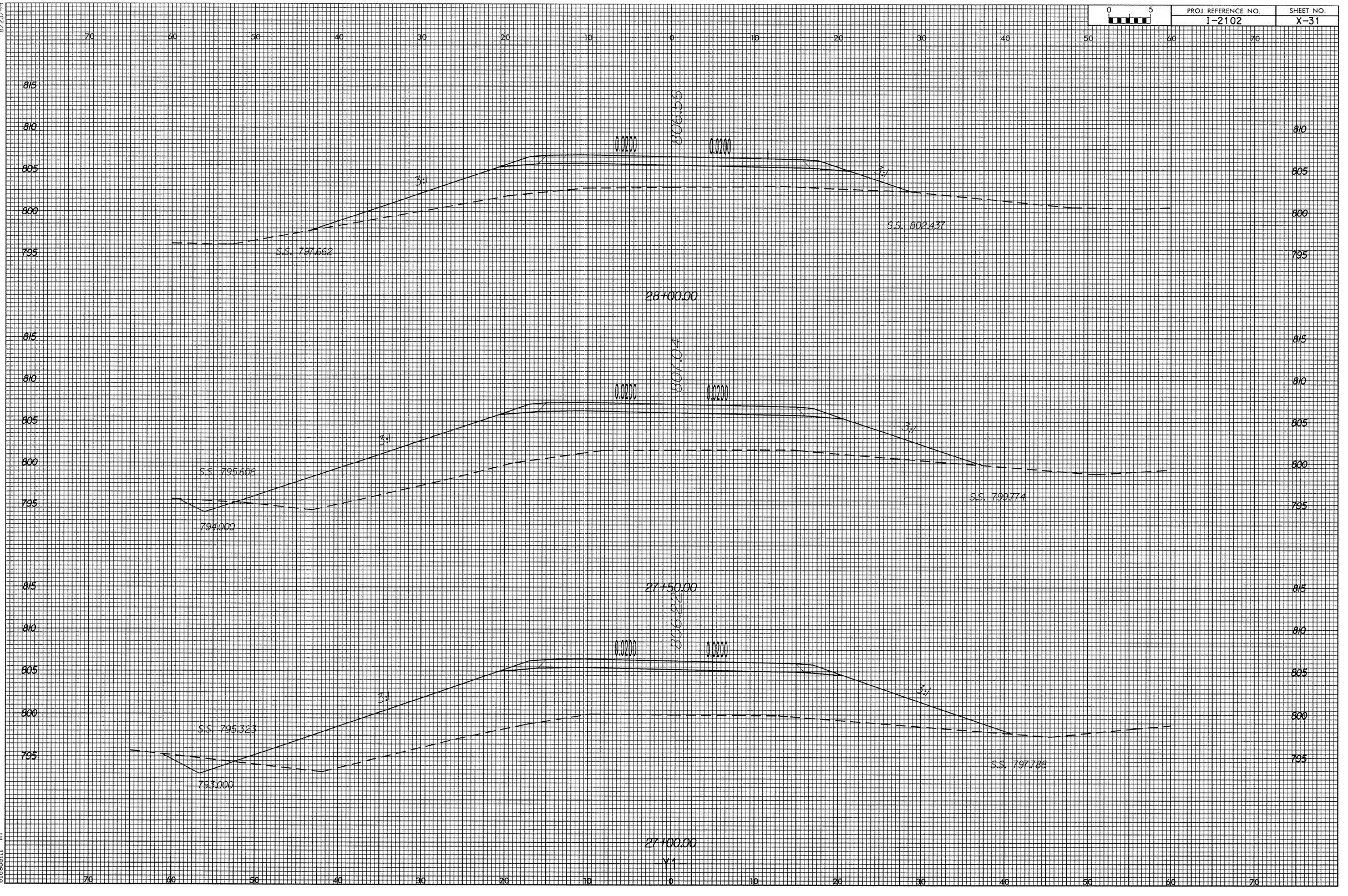

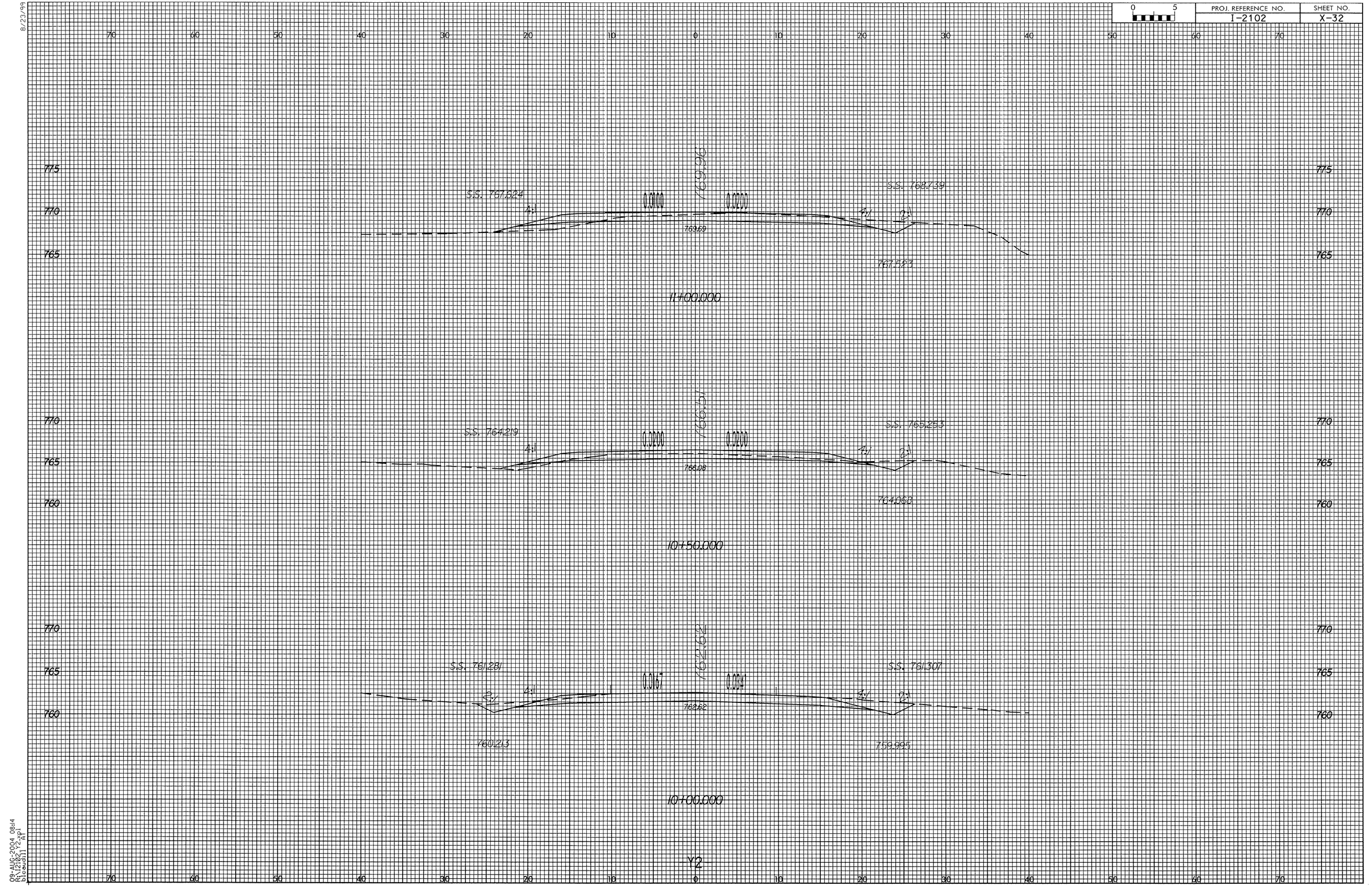
8/23/99
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775
770
765
760
769.96
S.S. 767.524
4:1
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0.0200
763.69
S.S. 768.739
4:1
2:1
767.583
11+00.000
770
765
760
766.57
S.S. 764.219
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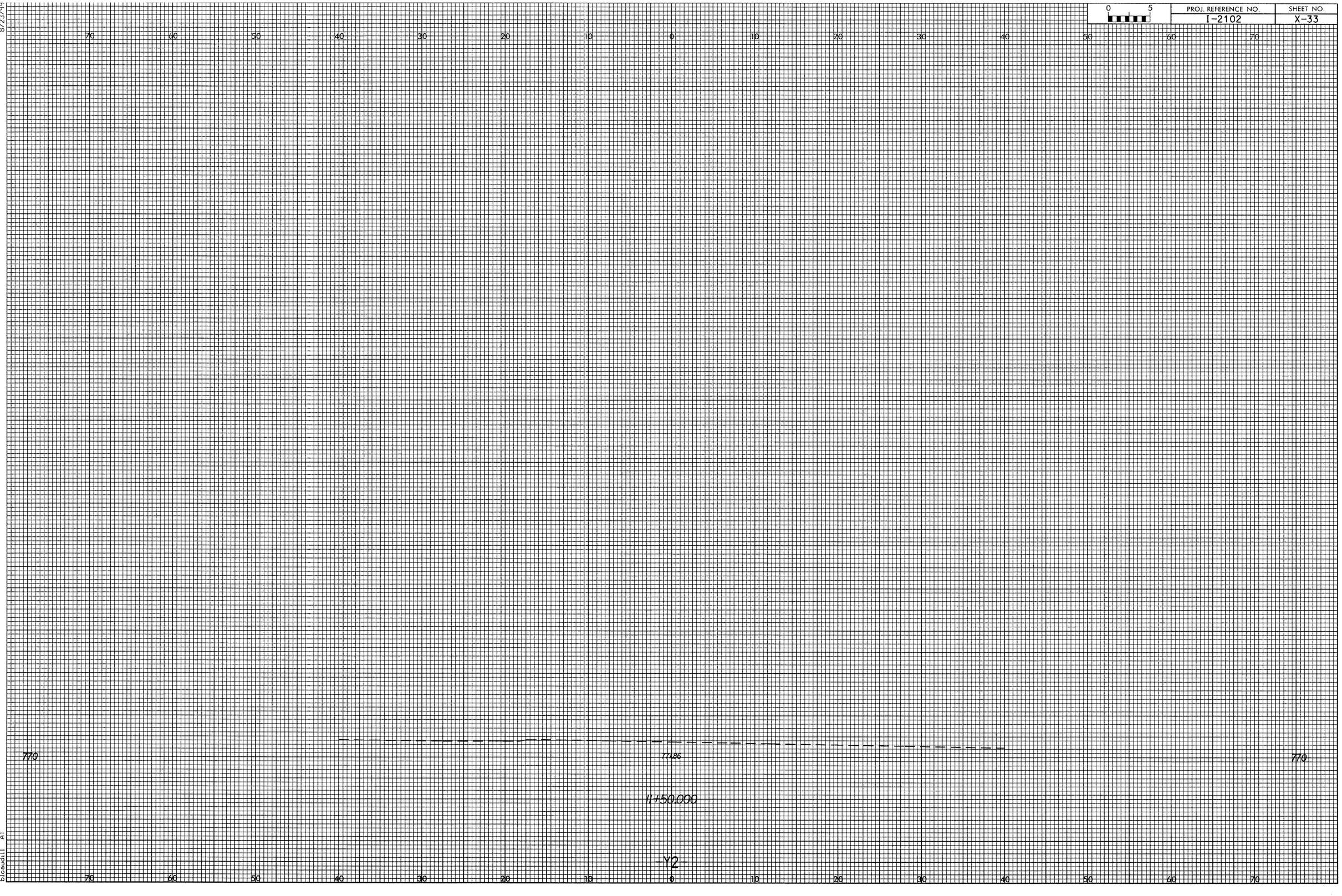

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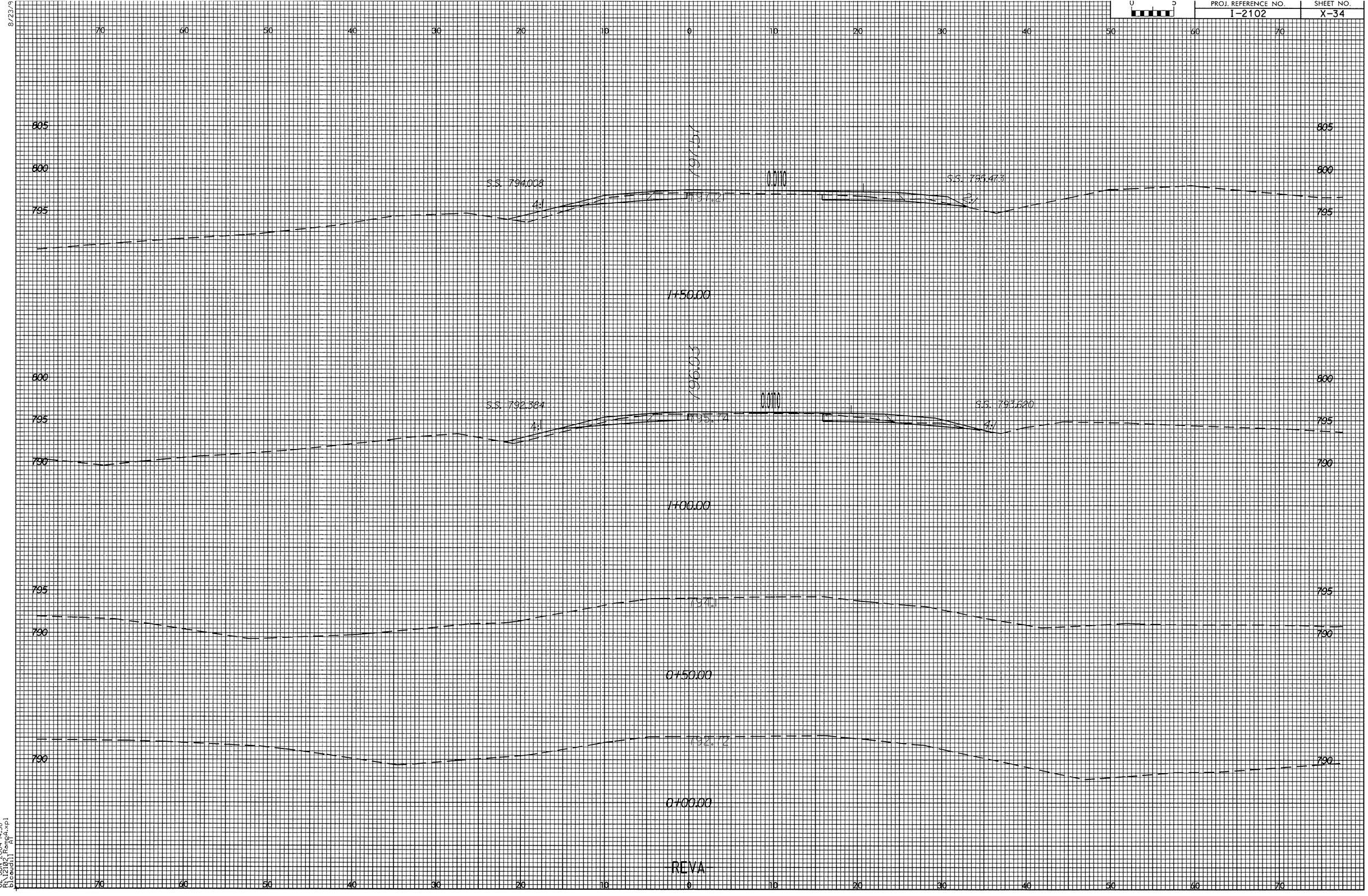
PROJ. REFERENCE NO.
I-2102
SHEET NO.
X-34
805
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795
790
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0.01D
S.S. 795.473
4:1
795.51
1+50.00
800
795
790
S.S. 792.584
4:1
795.72
0.01D
S.S. 793.620
4:1
796.63
1+00.00
795
790
794.71
0+50.00
790
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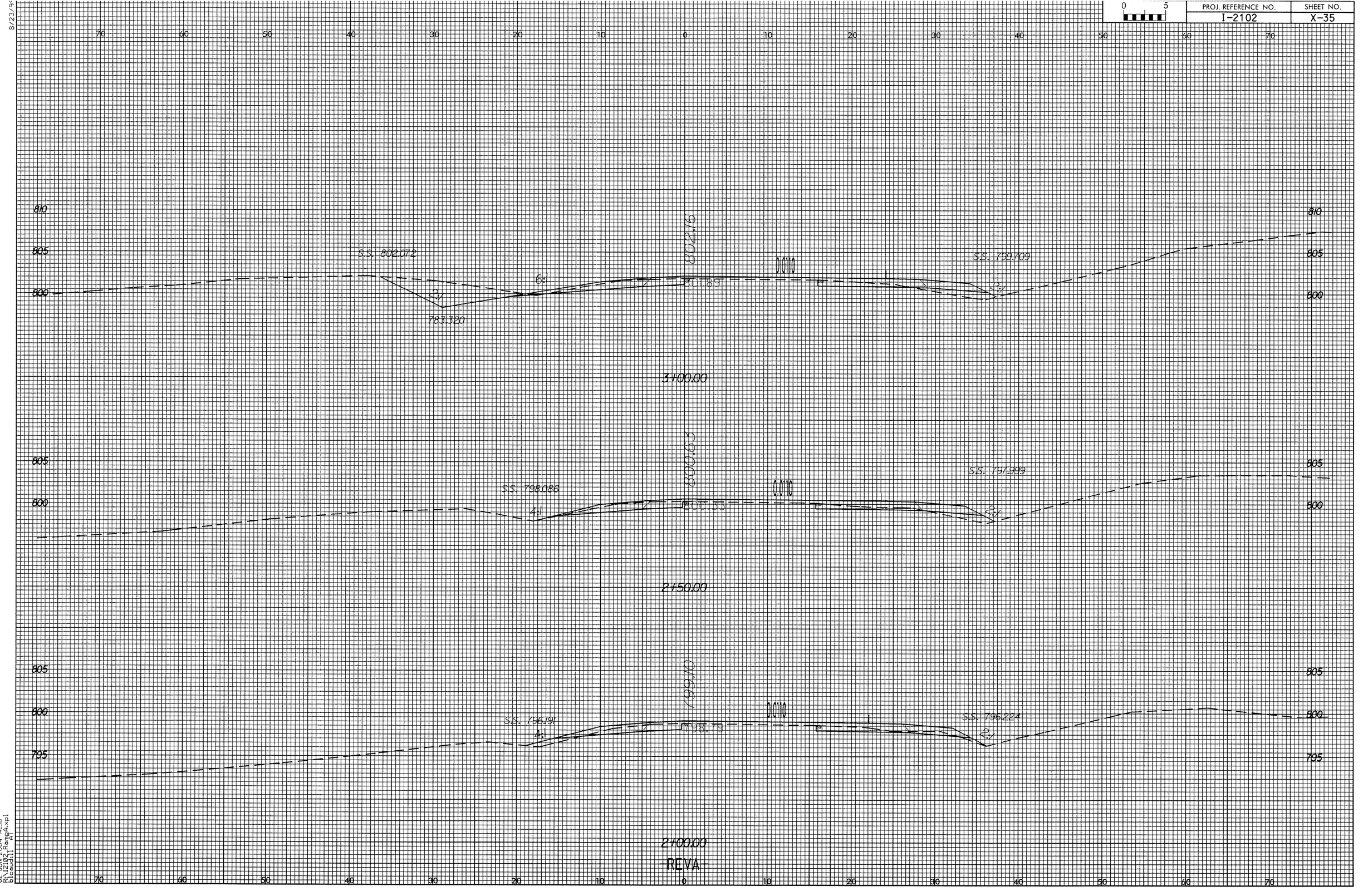
0+00.00
REVA
8/23/9
02-JUN-2004 14:38
R:\2102_Ramp A.xpl
Bleadill



8/23/94
02-JUN-2004 14:38
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Design11 A1

02-JUN-2004 14:39
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Ricardi1

REVA

3+50.00

4+00.00

799.996

S.S. 803.995

S.S. 901.526

7+44.608

8+03.049

S.S. 804.091

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PROJ. REFERENCE NO.	I-2102
SHEET NO.	X-36

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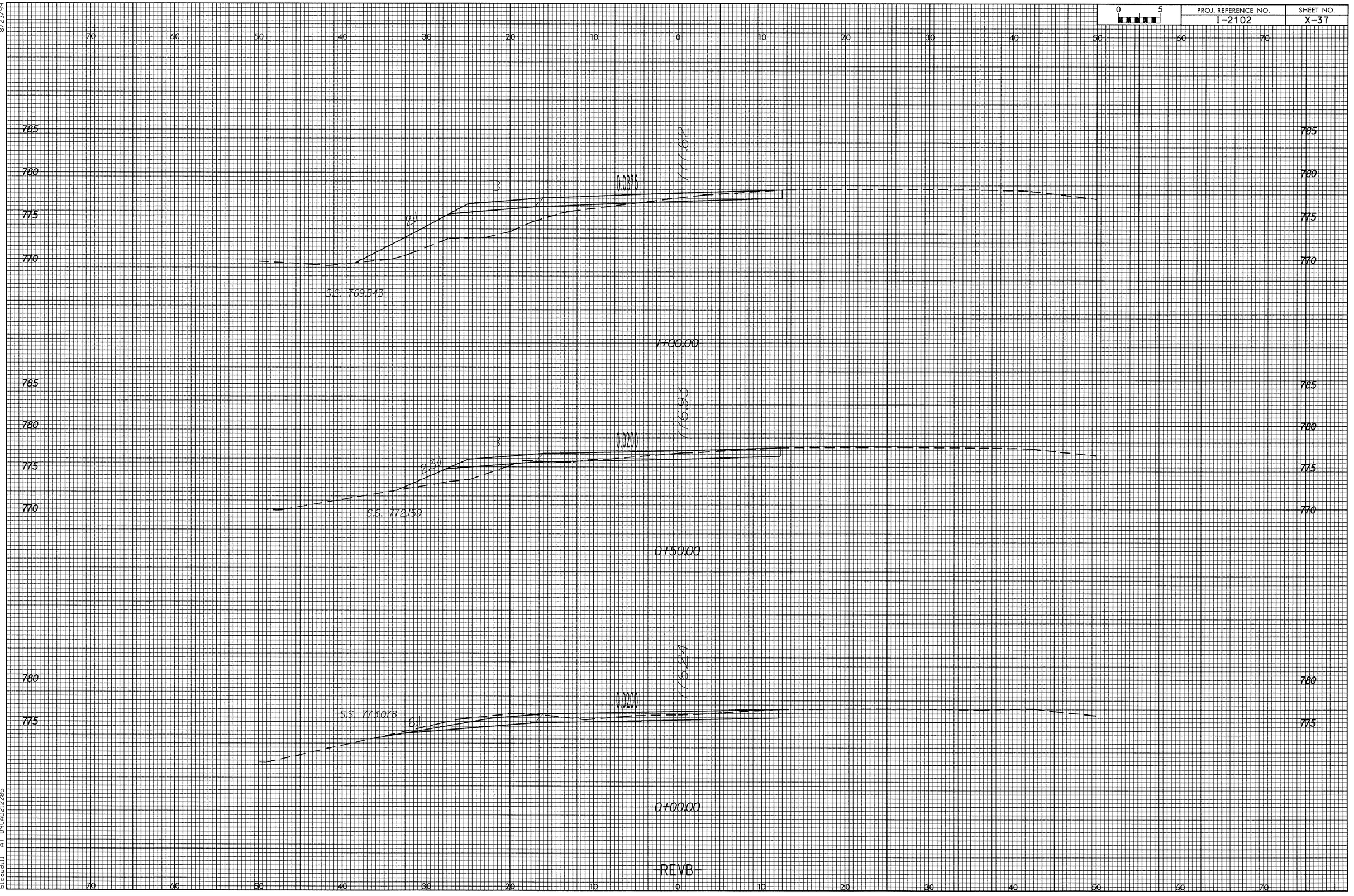
8/23/05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785
780
775
770
771.692
0.037
3
2.5%
S.S. 769.543
11+00.00
771.692
0.020
3
2.5%
S.S. 772.159
01+50.00
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8/23/99

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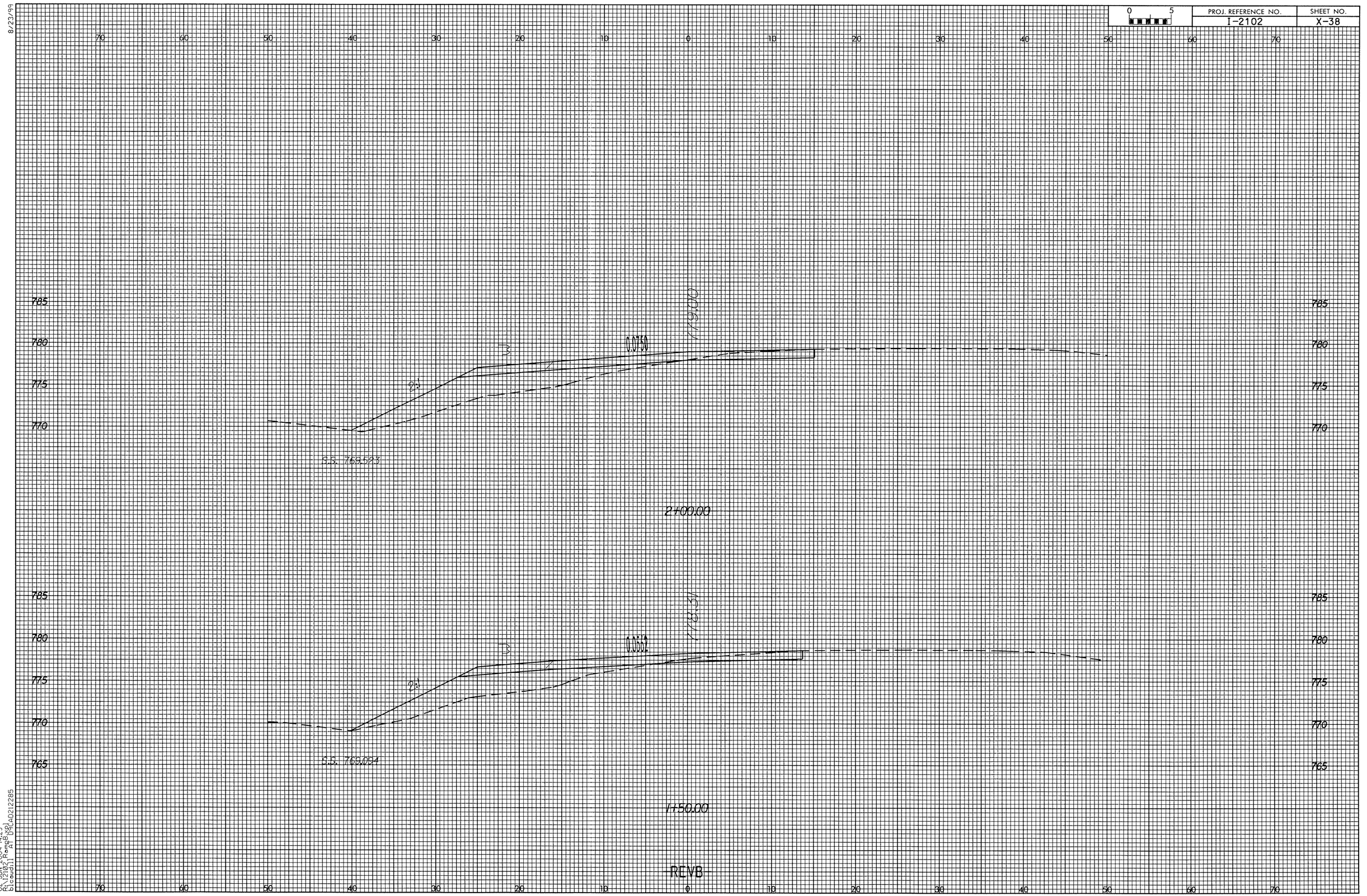
	I-2102	X-38



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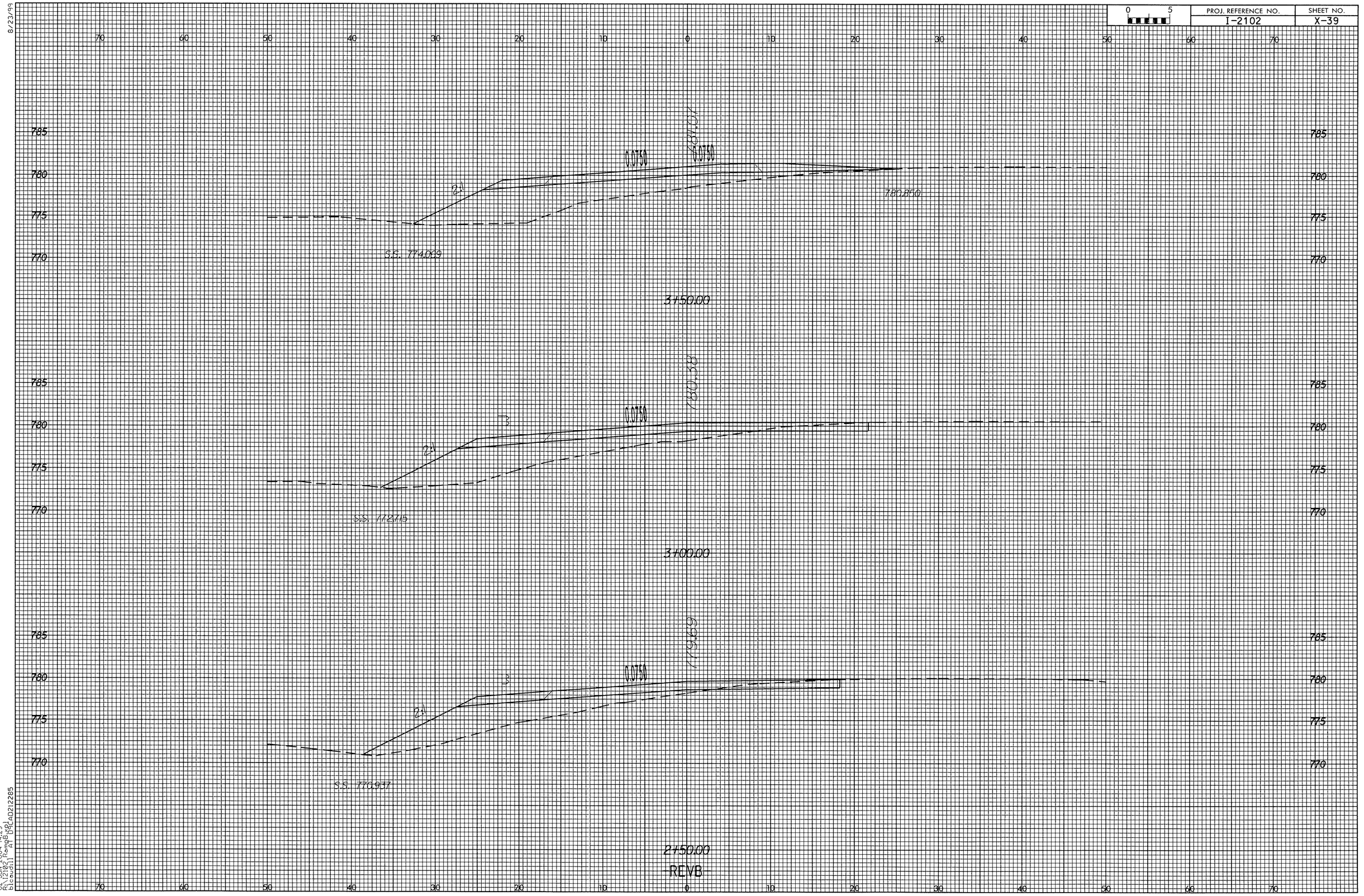

8/23/99
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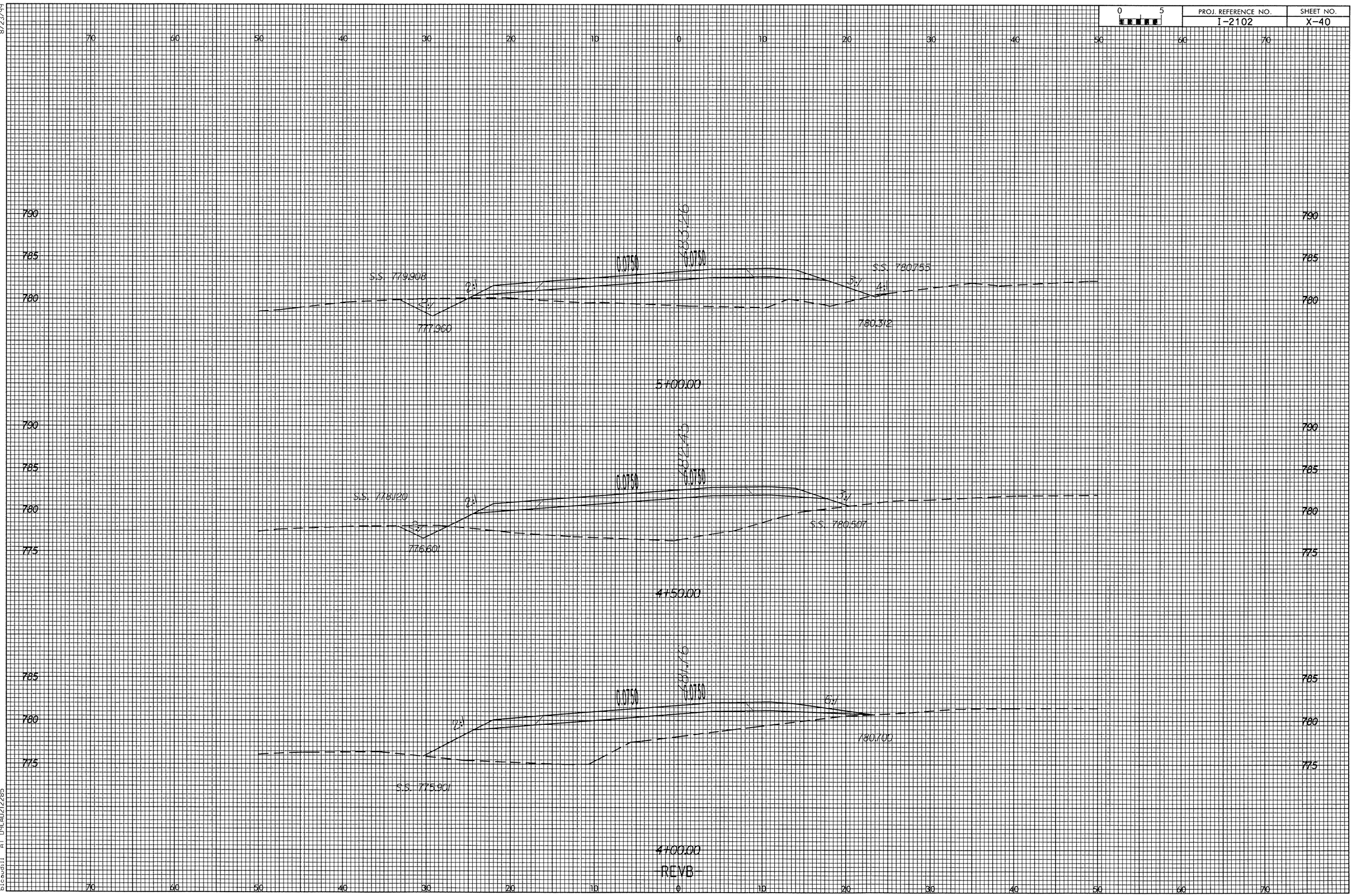
41 DGN 0212285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790
785
780
715
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777.960
0.075
0.150
4982.429
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3:1
4:1
780.312
5100.00
S.S. 778.120
2:1
776.601
4982.443
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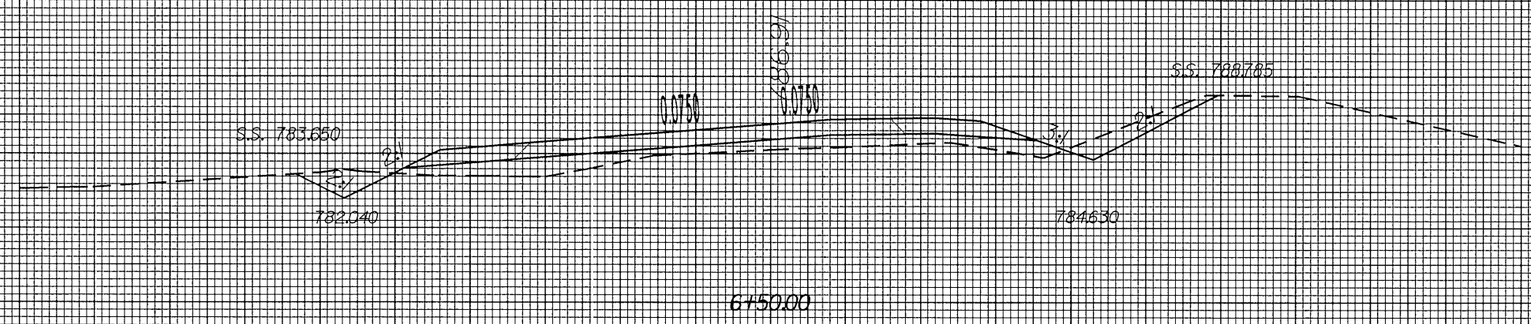

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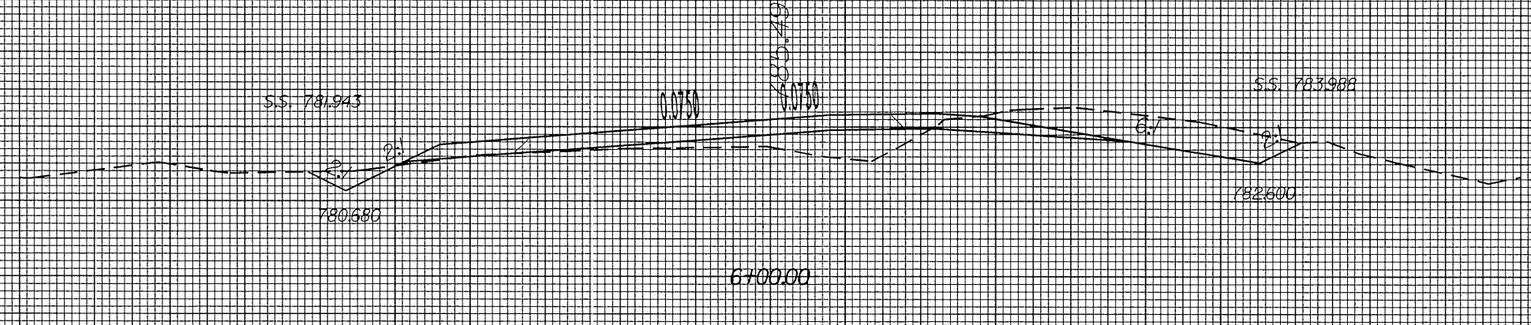

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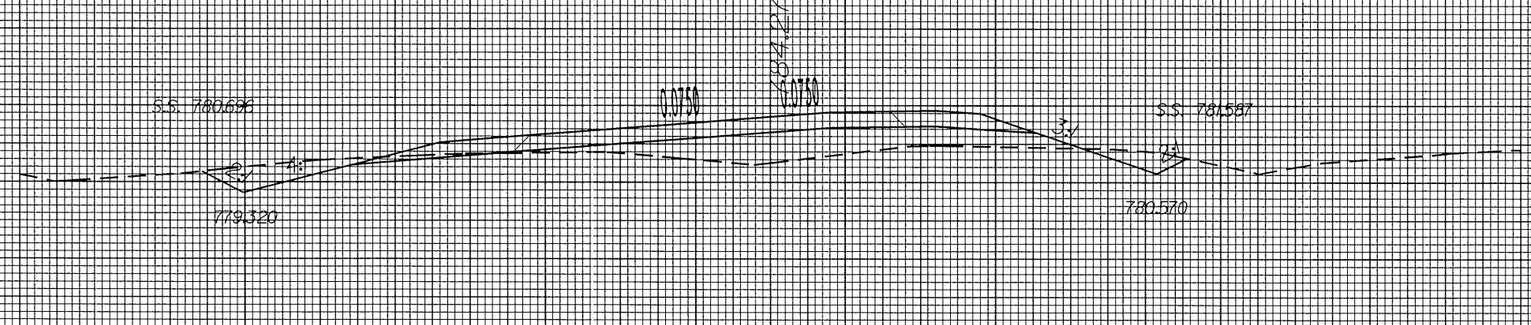

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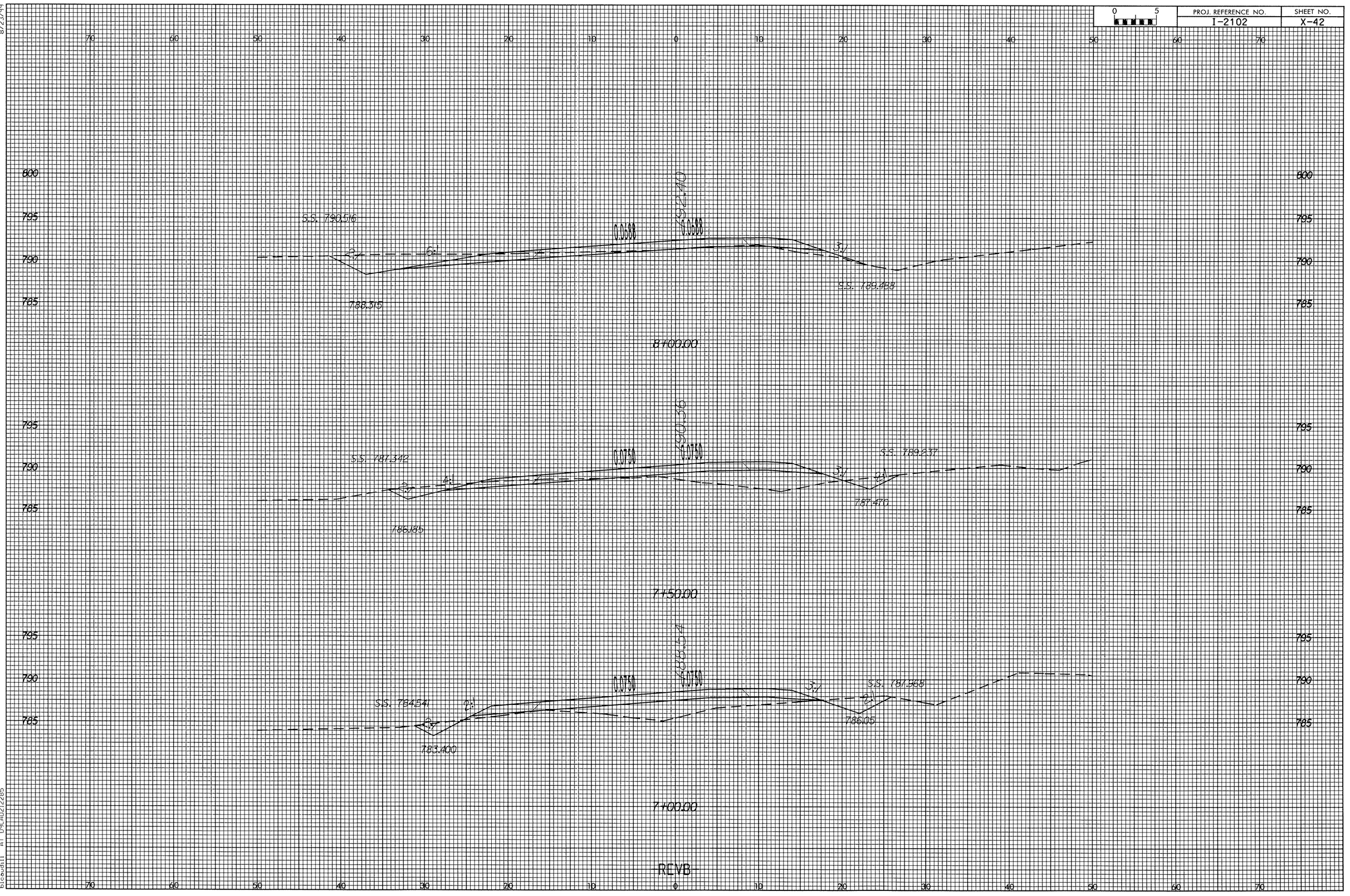
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800
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790
785
S.S. 790.516
2%
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792.240
0.0588
3:1
S.S. 789.488
786.515
8+00.00
S.S. 787.342
4:1
0.0750
790.316
0.0750
3:1
S.S. 789.237
787.476
786.185
7+50.00
S.S. 784.541
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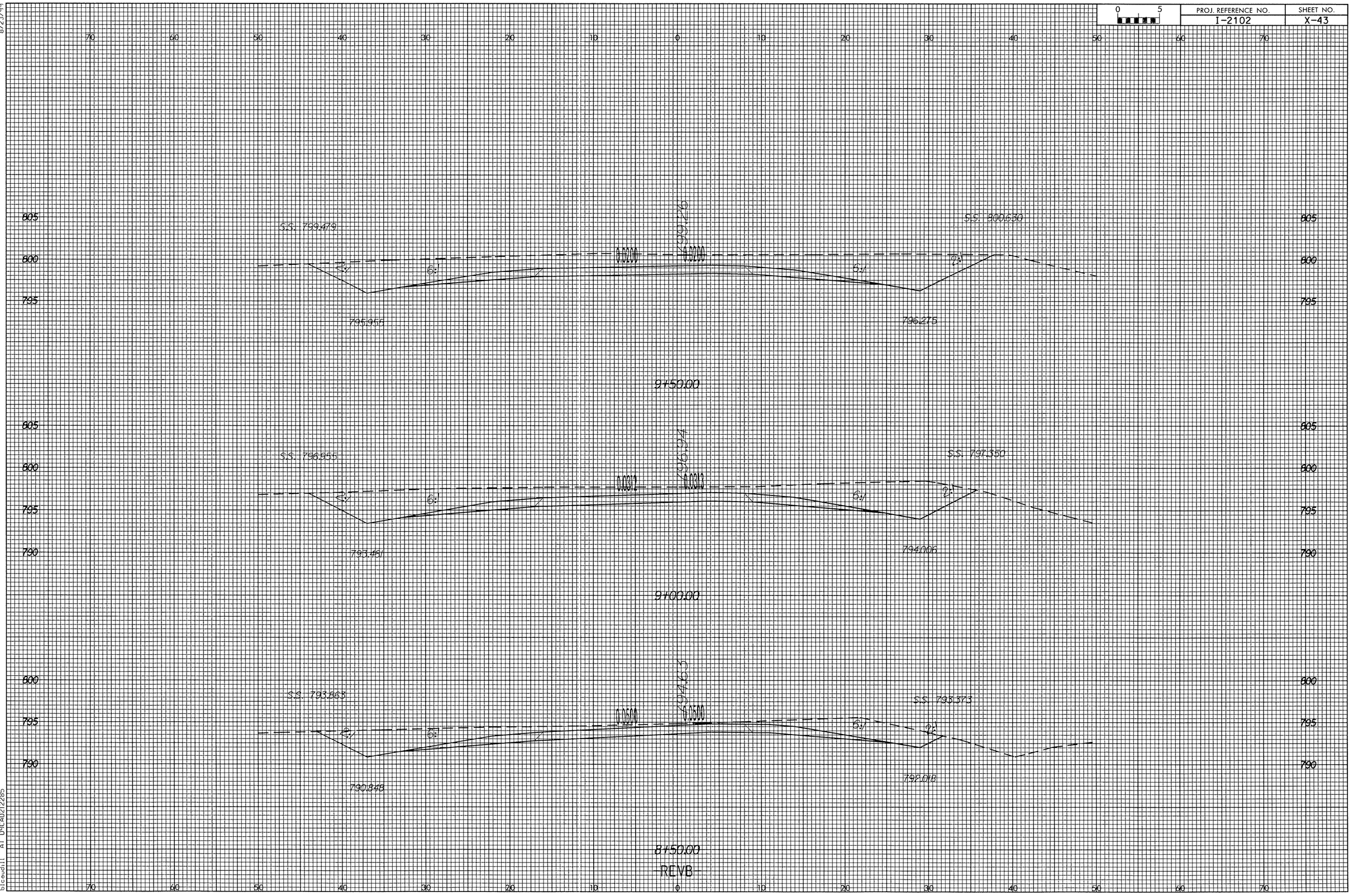
7+00.00
REVB



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02-JUN-2004 14:28
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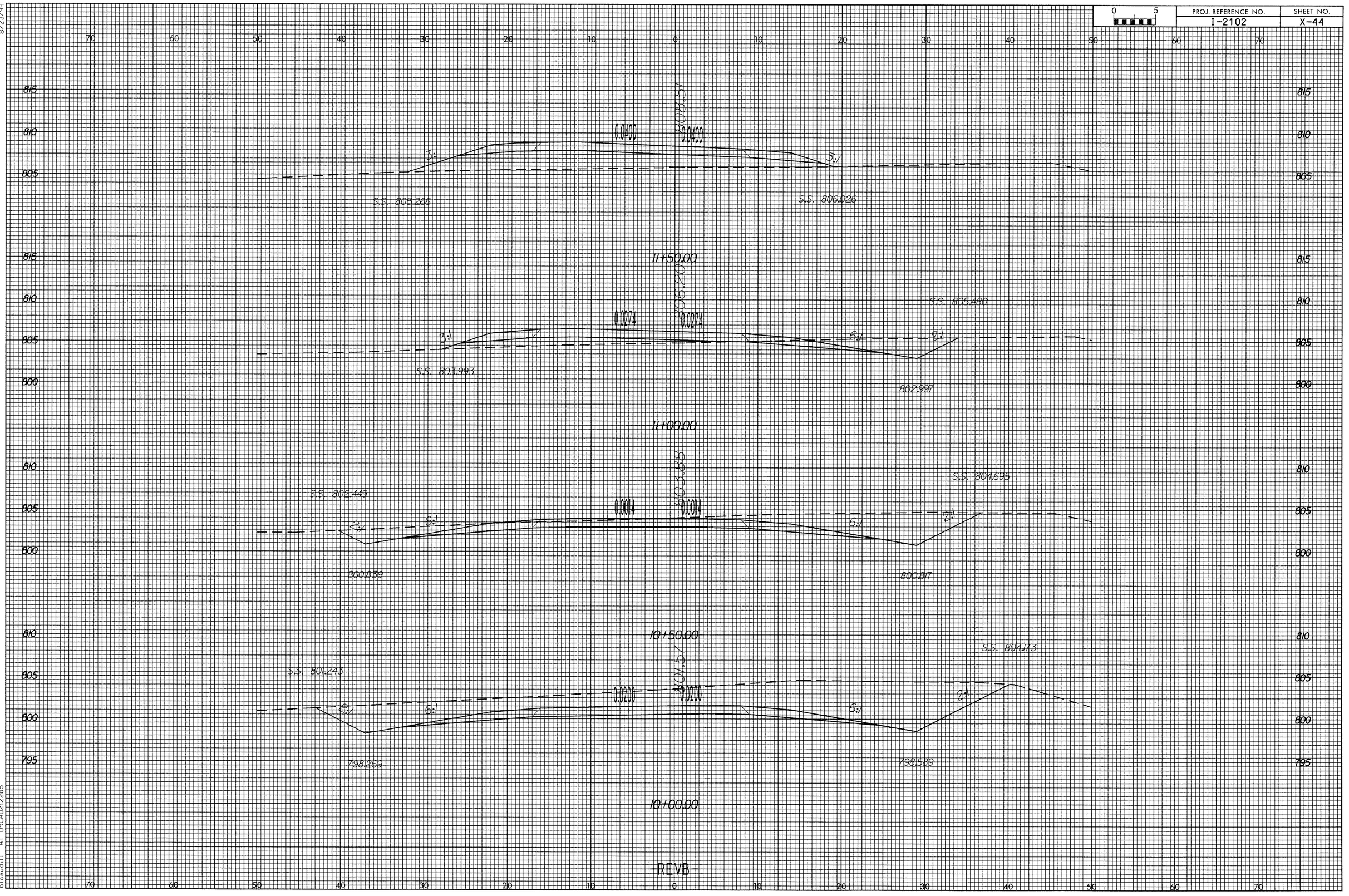
8/23/99



02-JUN-2004 14:27
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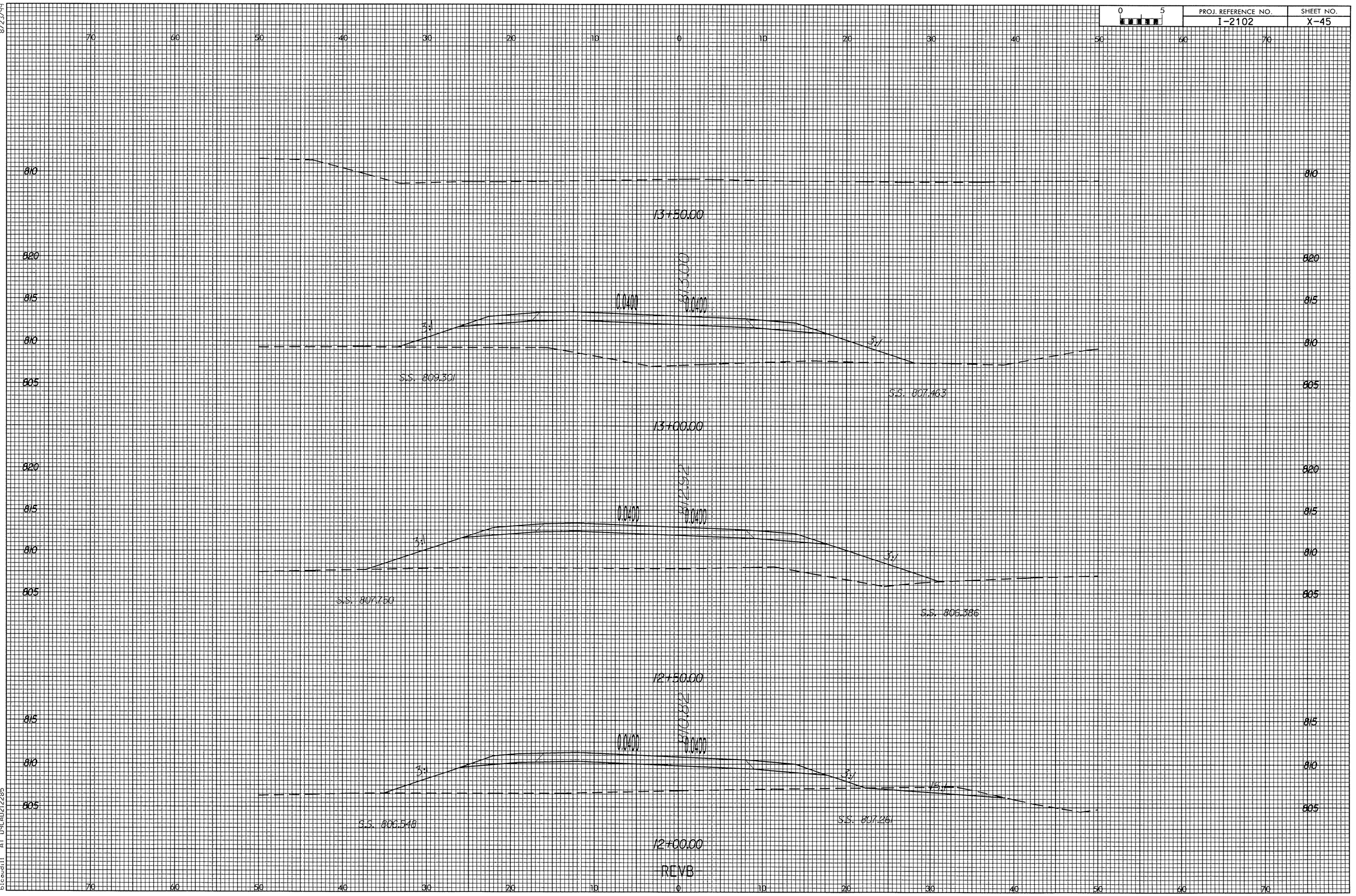

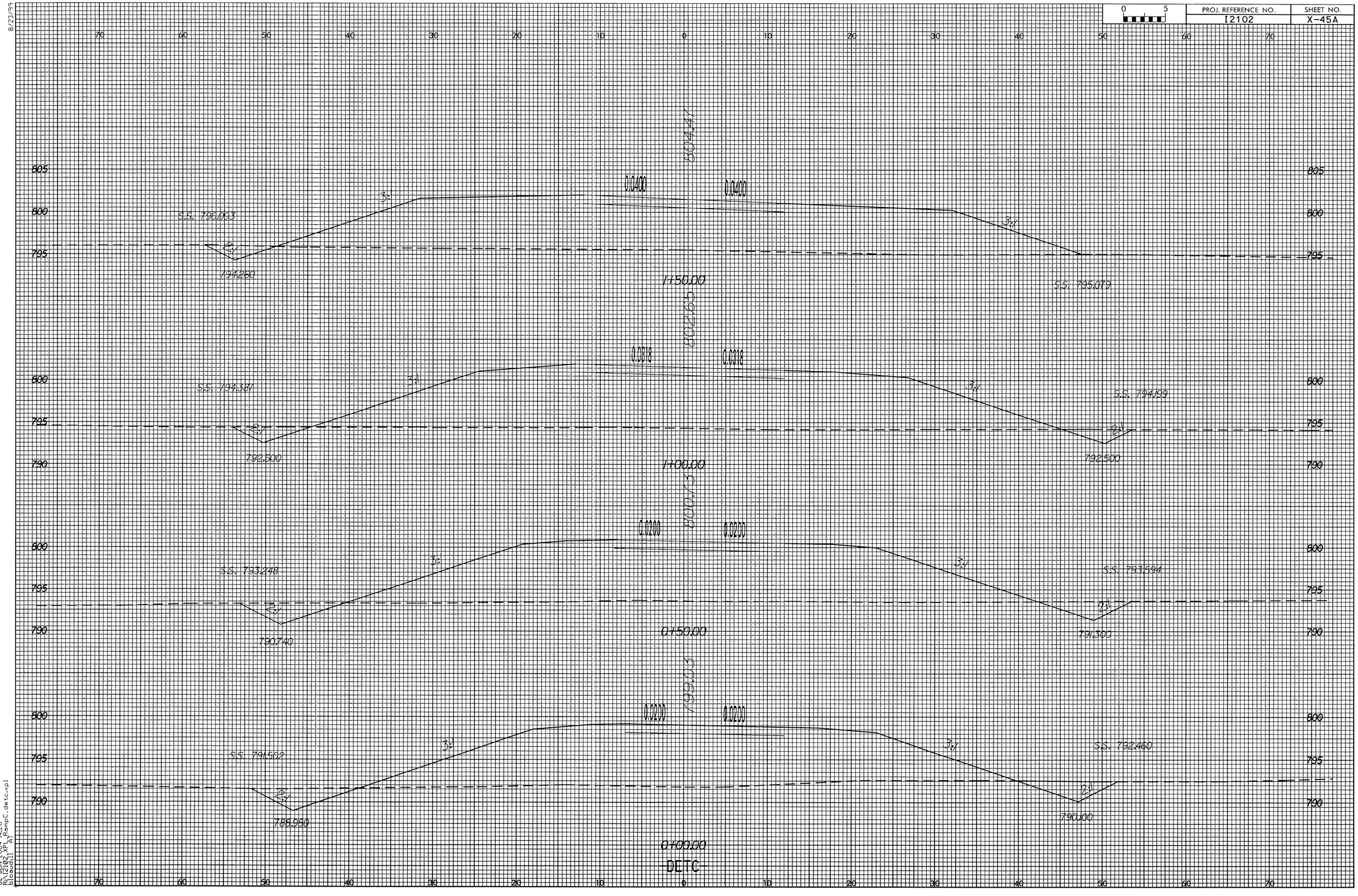
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PROJ. REFERENCE NO.
I2102
SHEET NO.
X-45A
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S.S. 794.387
S.S. 794.159
S.S. 793.248
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S.S. 791.562
S.S. 792.460
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792.500
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796.100
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2:1
DETC
02-JUN-2004 14:26
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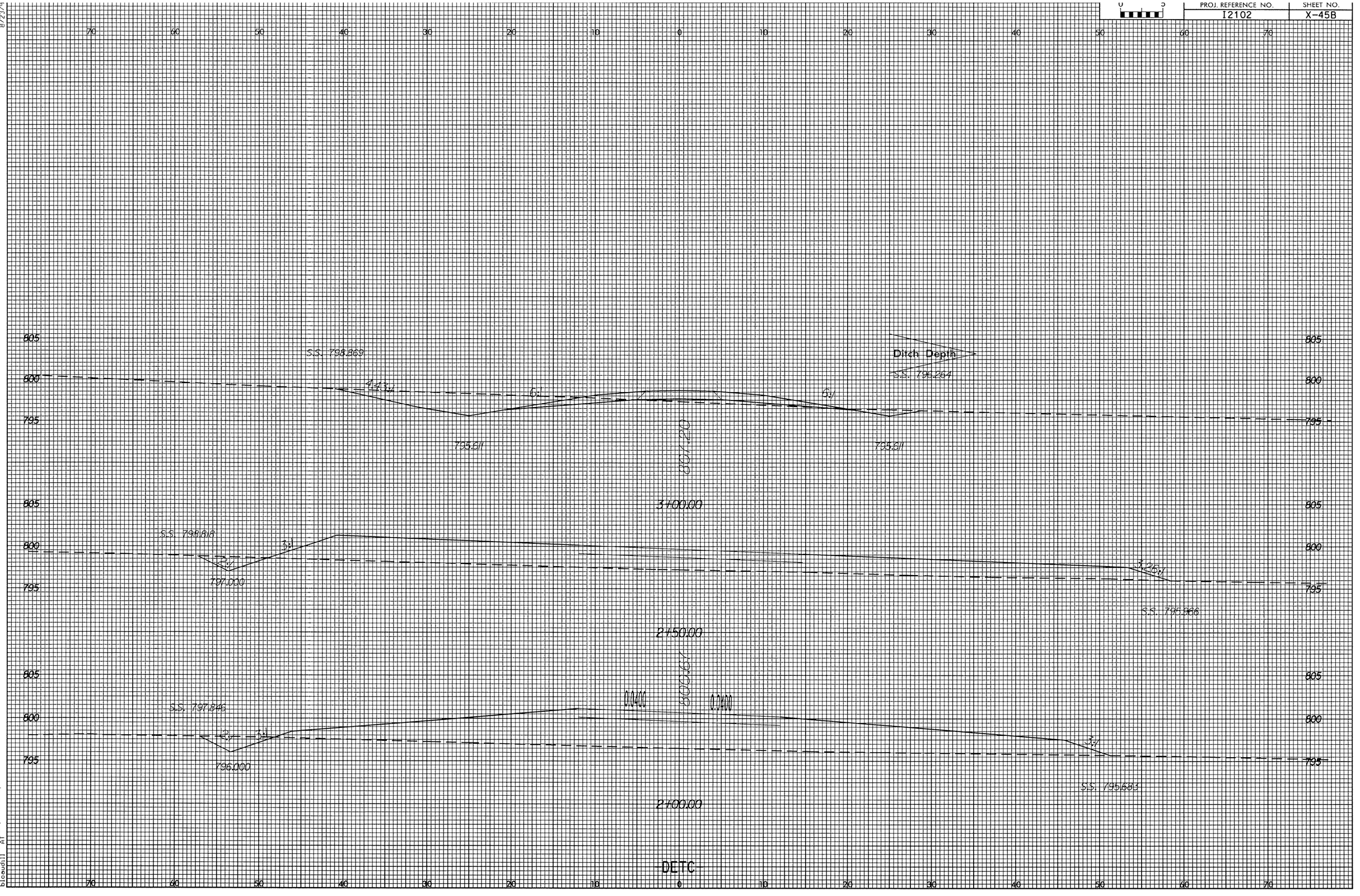
AT_TempC.detc.xpl



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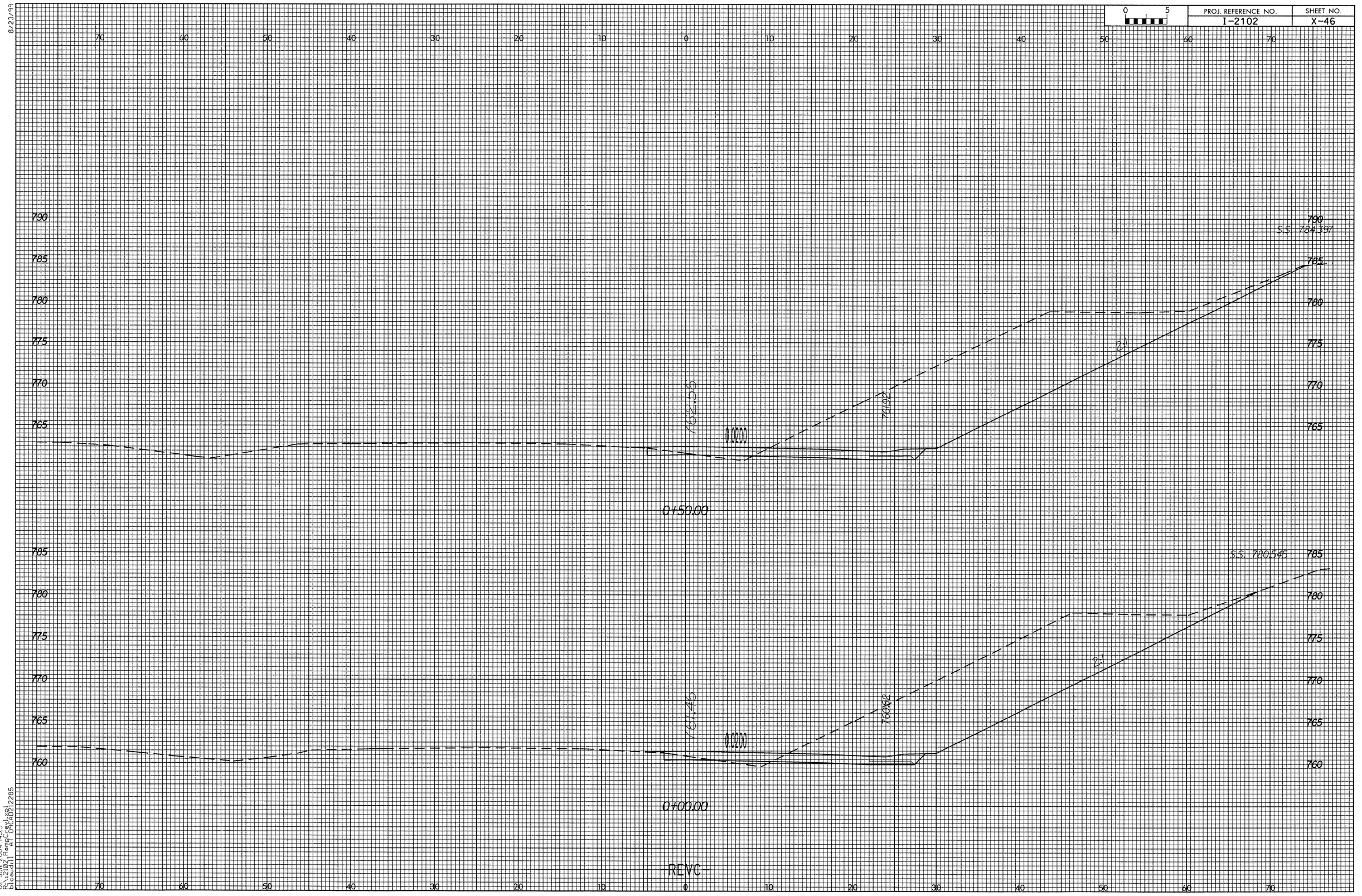

02-JUN-2004 14:25
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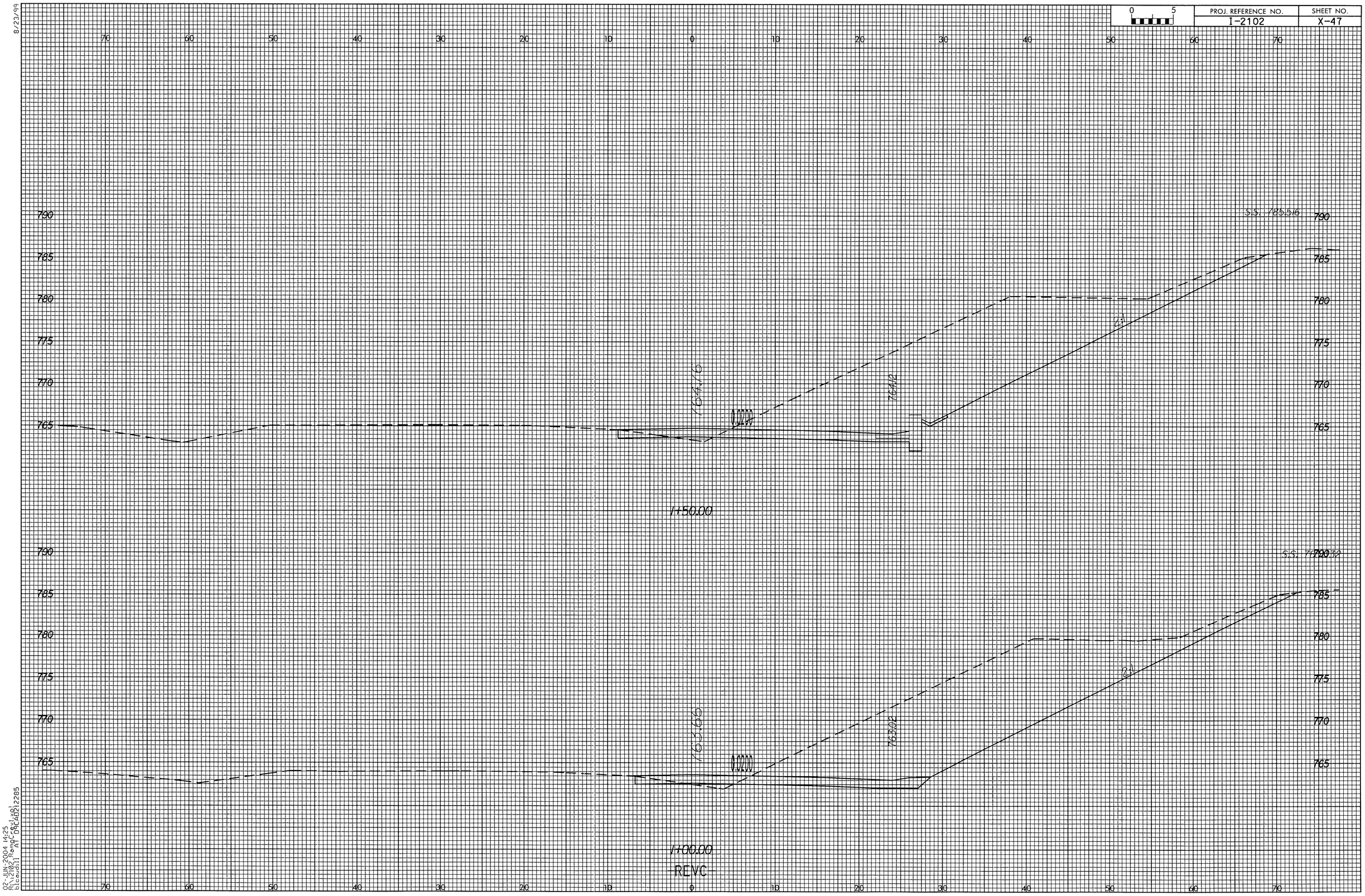

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02-JUN-2004 14:25
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0 5	PROJ. REFERENCE NO.	SHEET NO.
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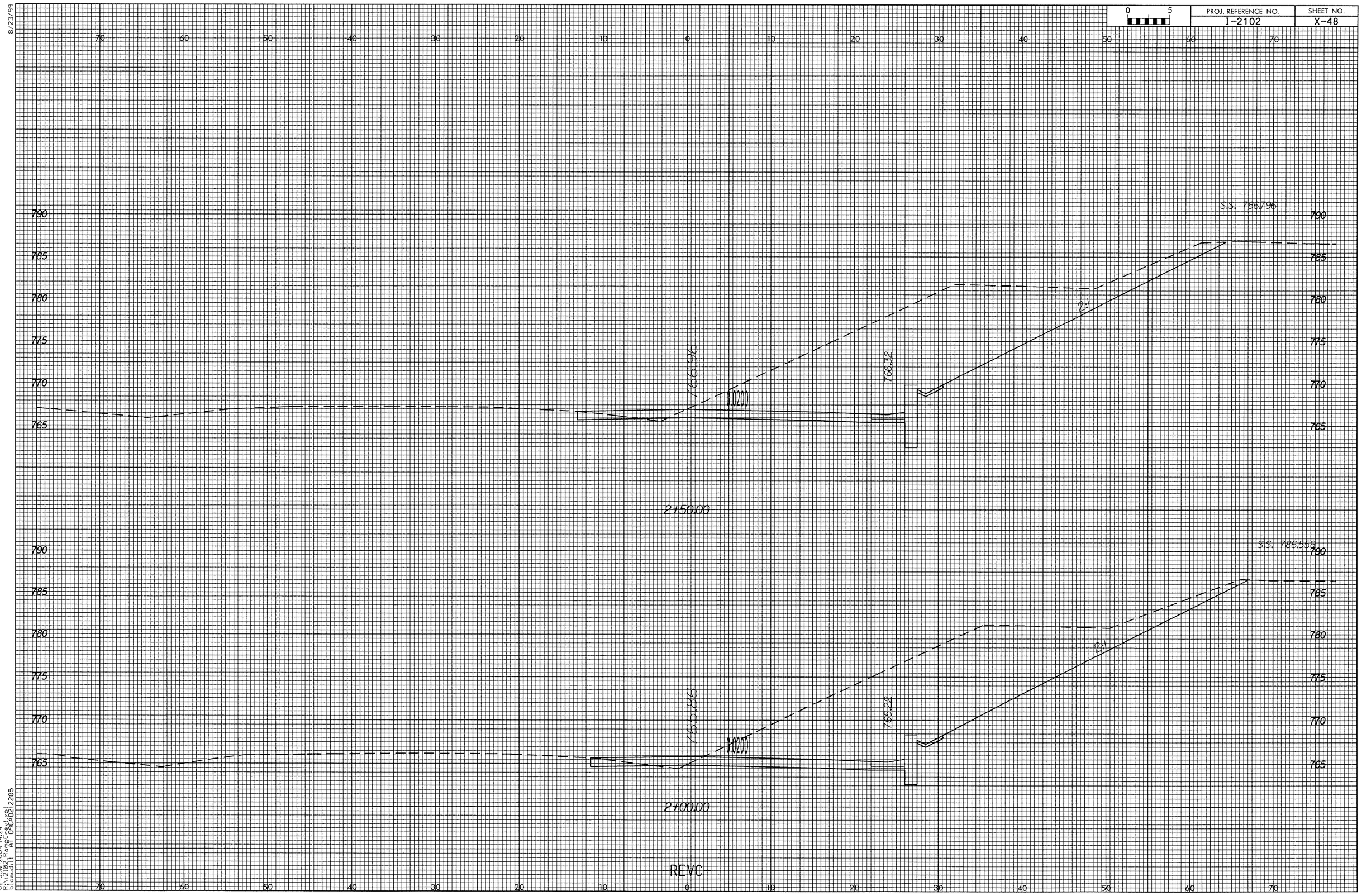

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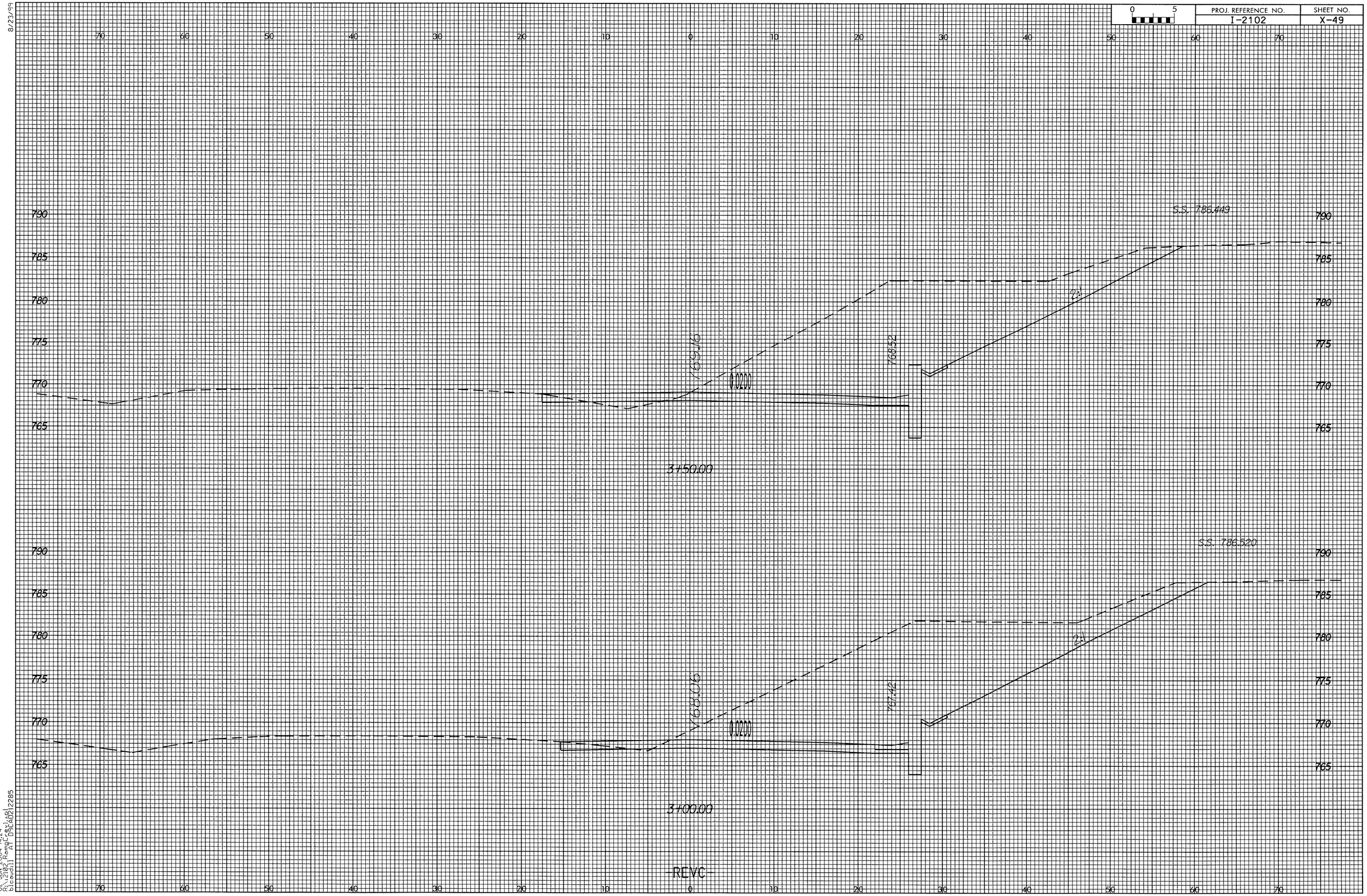

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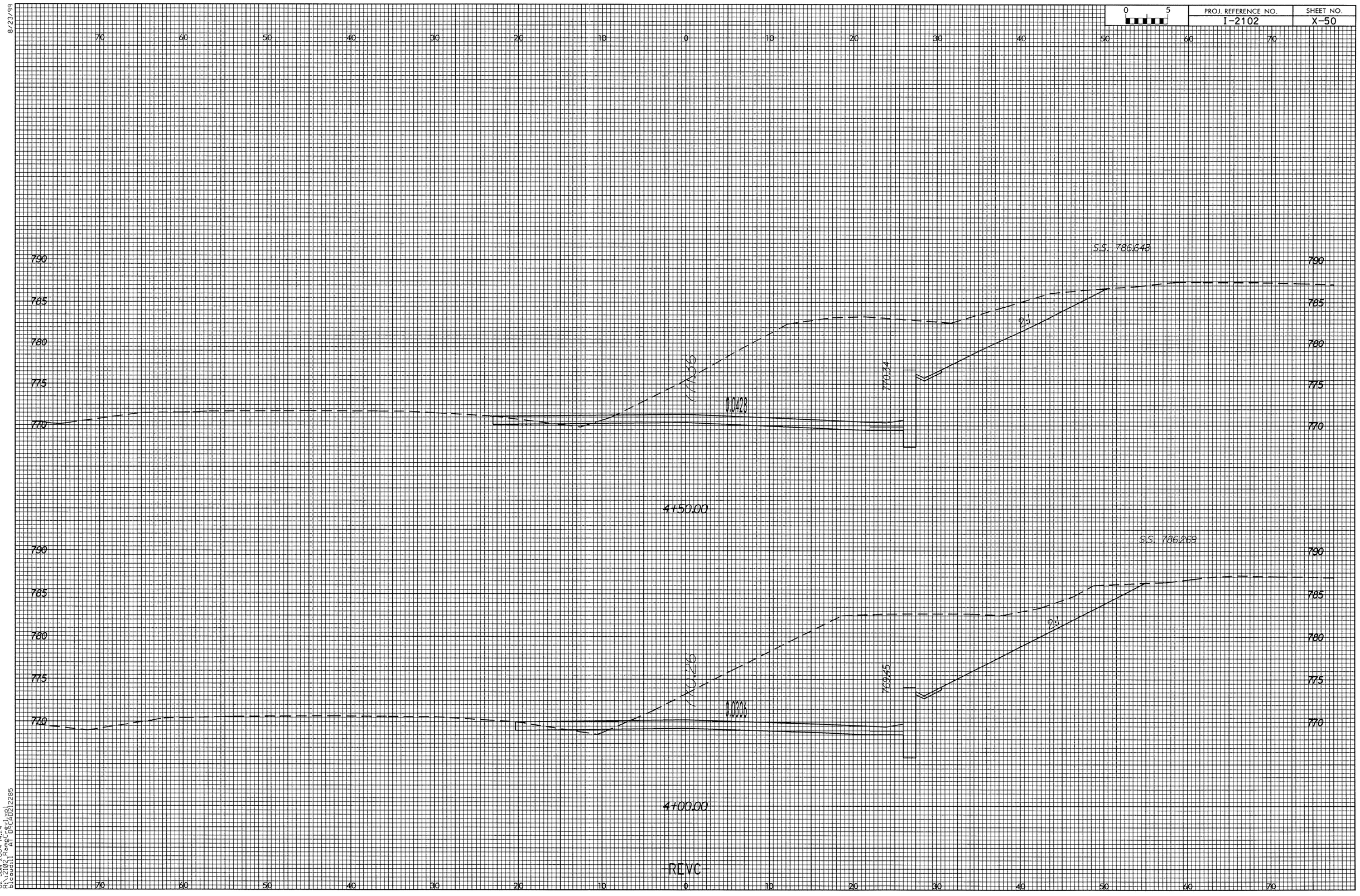

02-JUN-2004 14:24
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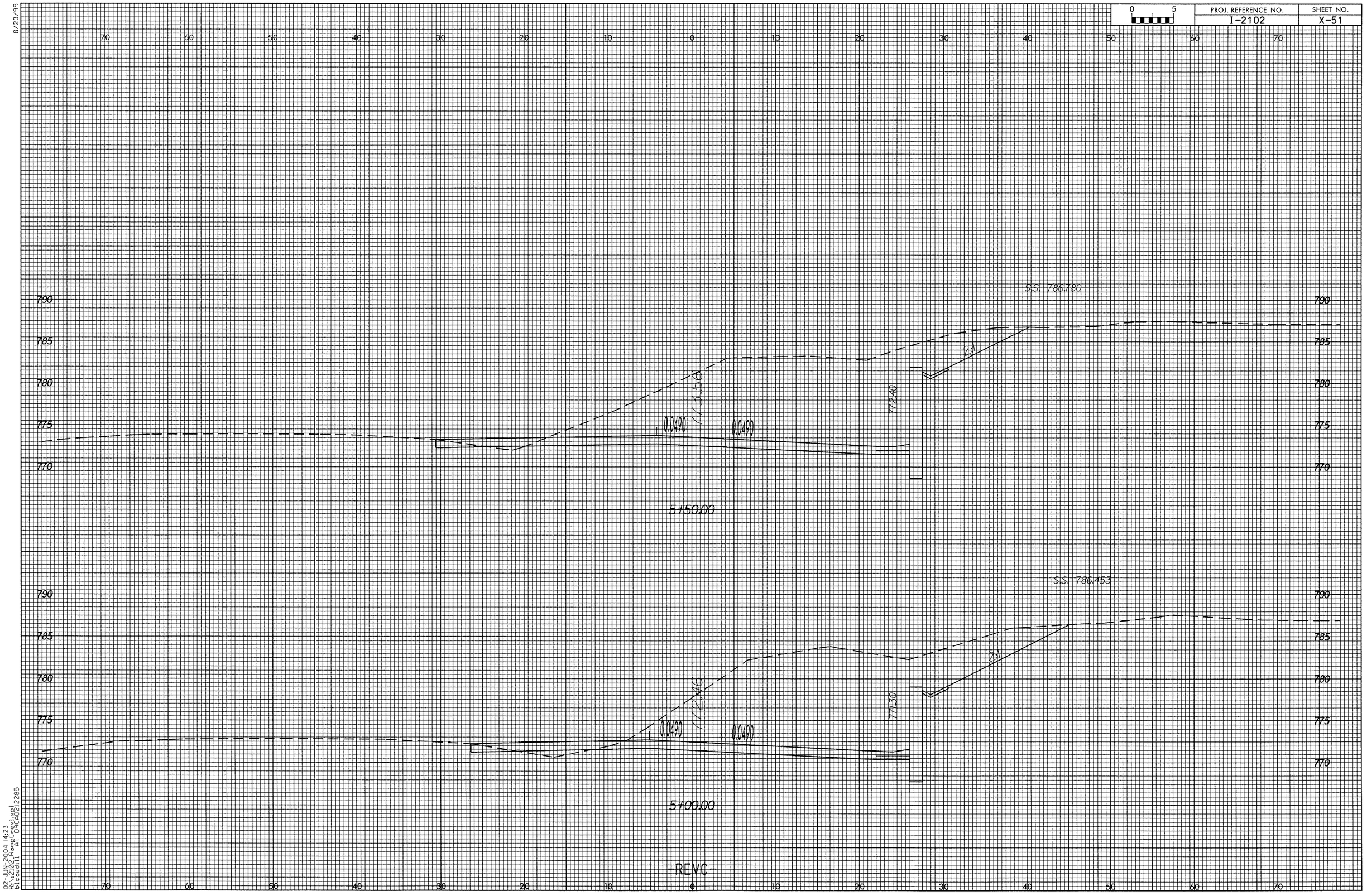

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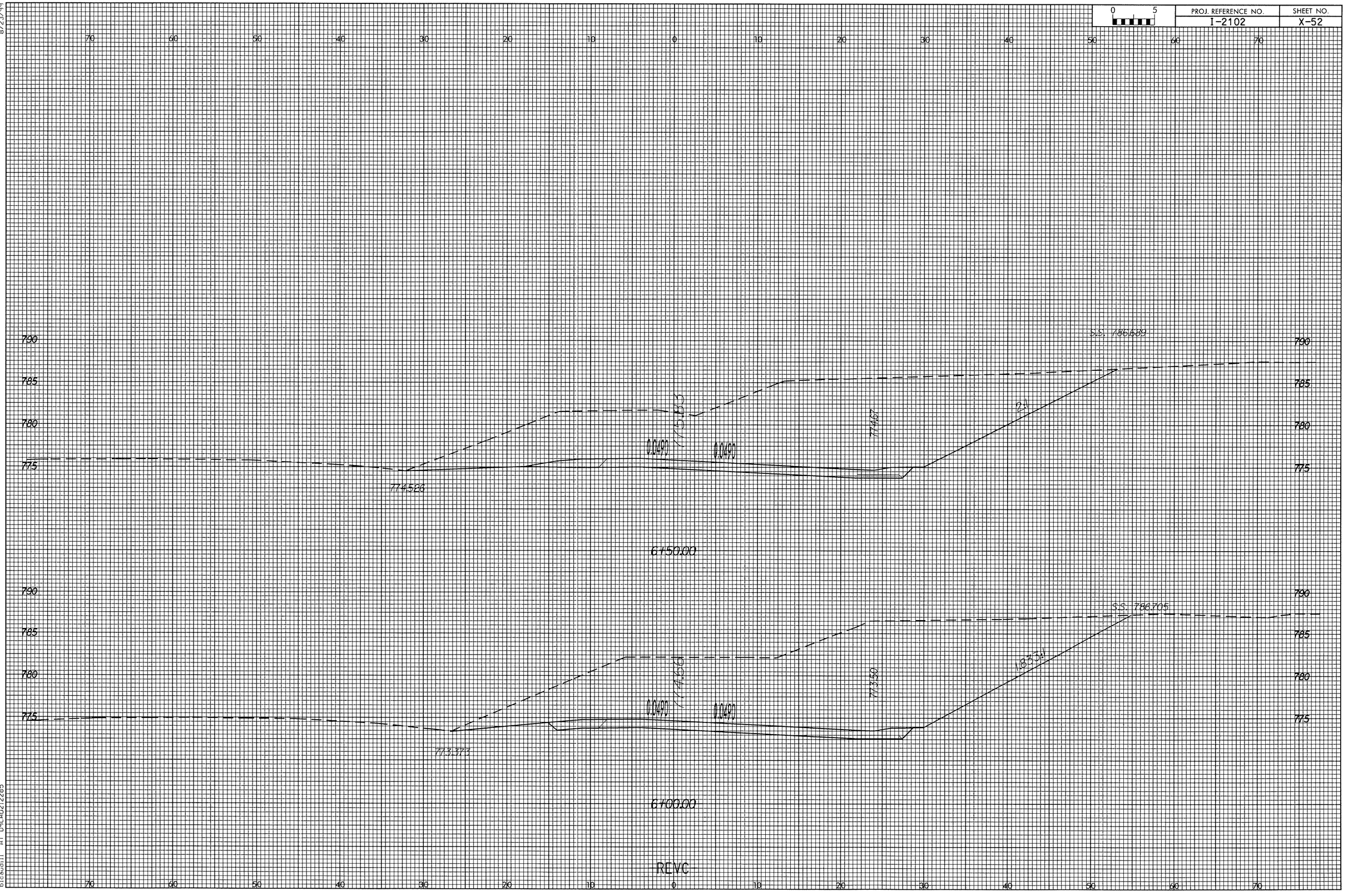

02-JUN-2004 14:23
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0 5	PROJ. REFERENCE NO.	SHEET NO.
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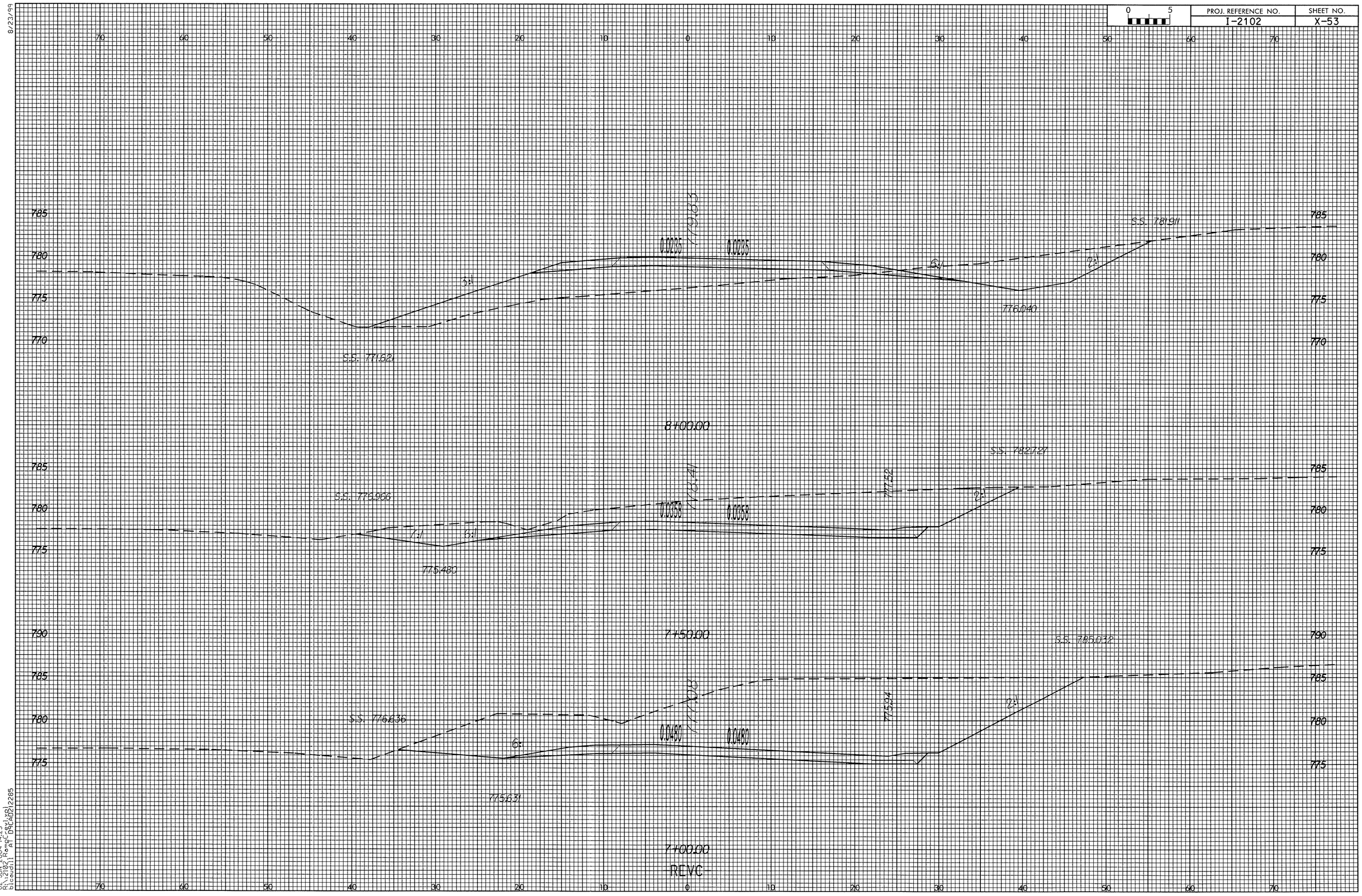

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0 5	PROJ. REFERENCE NO.	SHEET NO.
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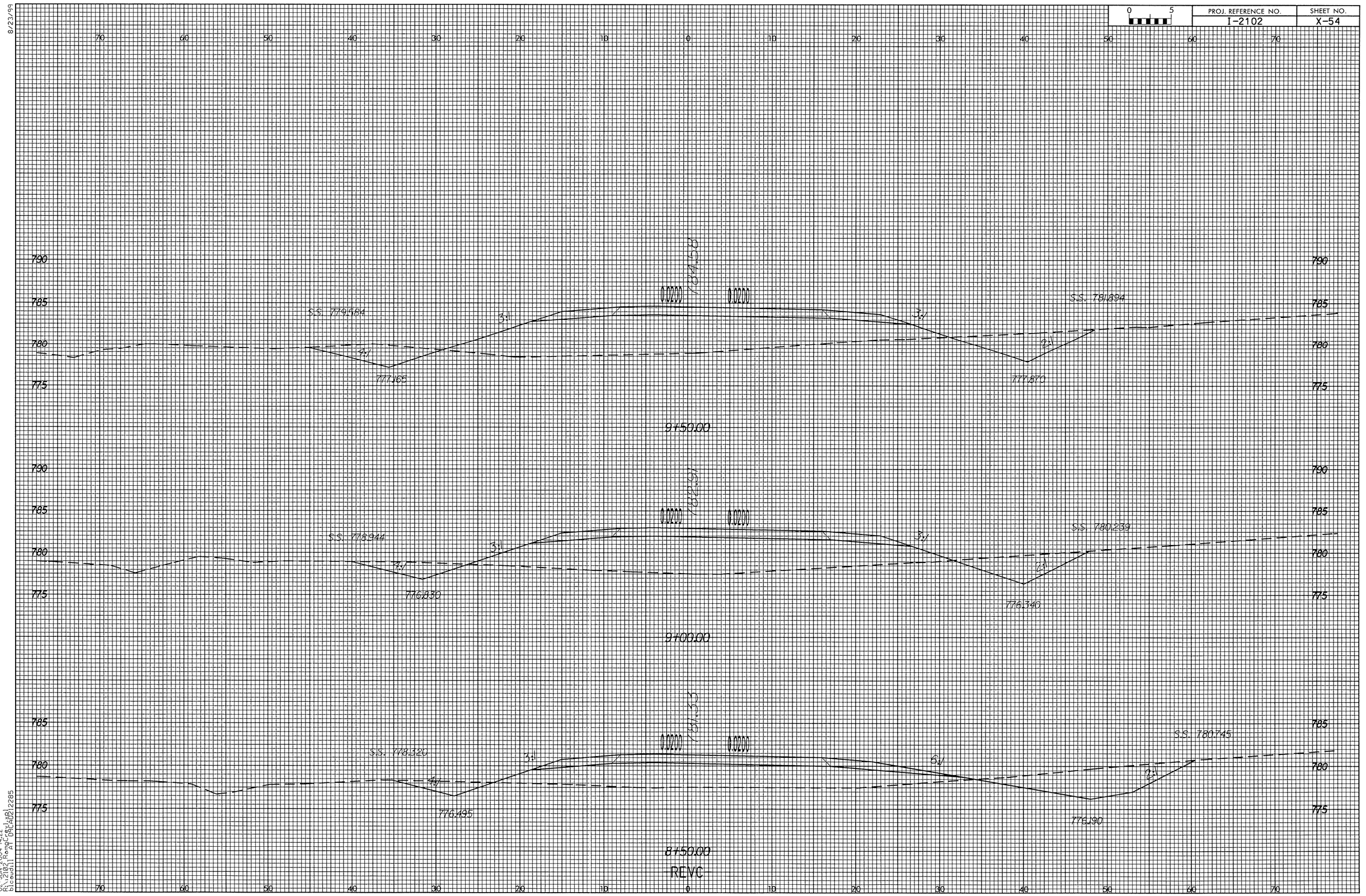

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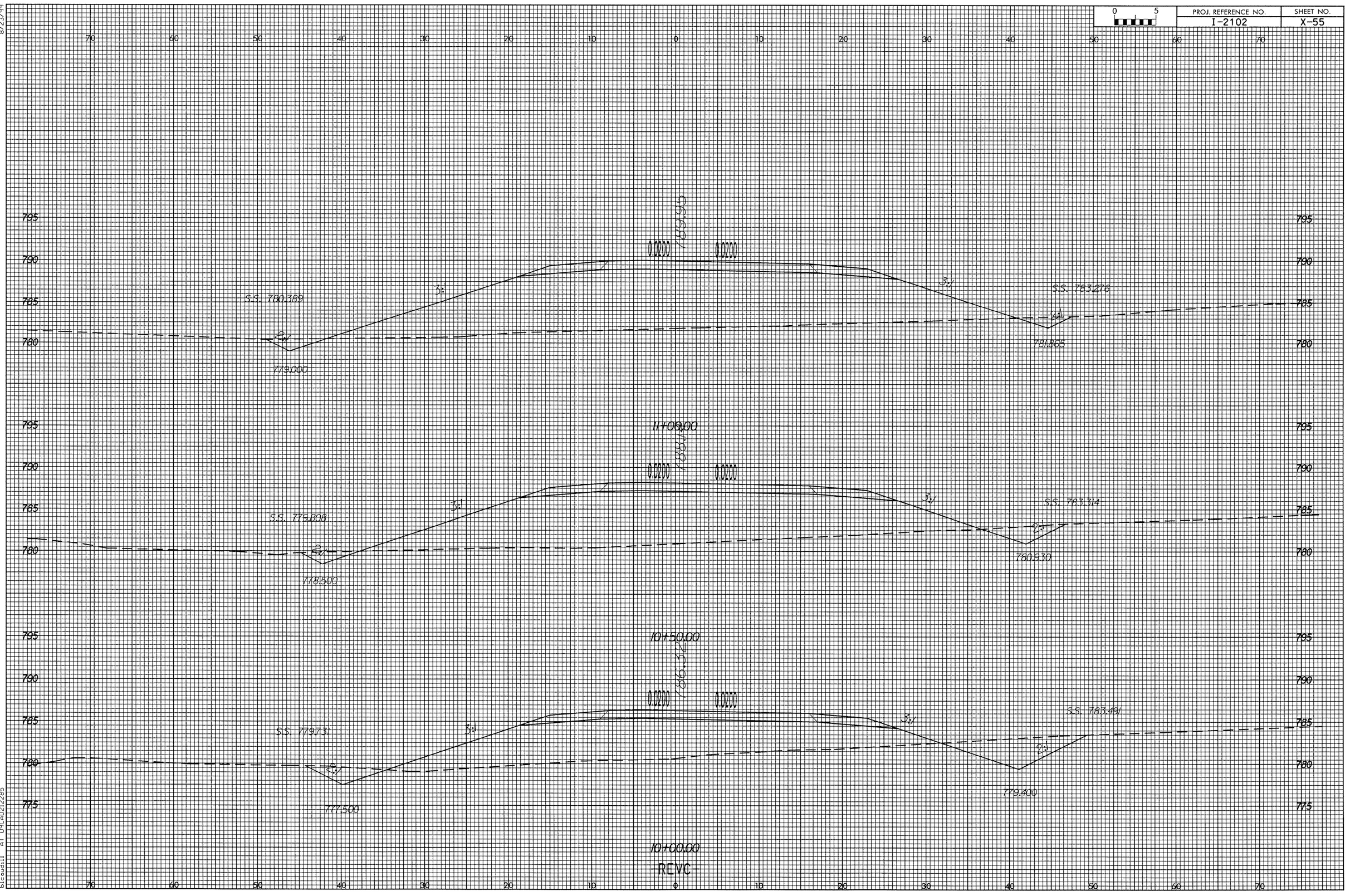

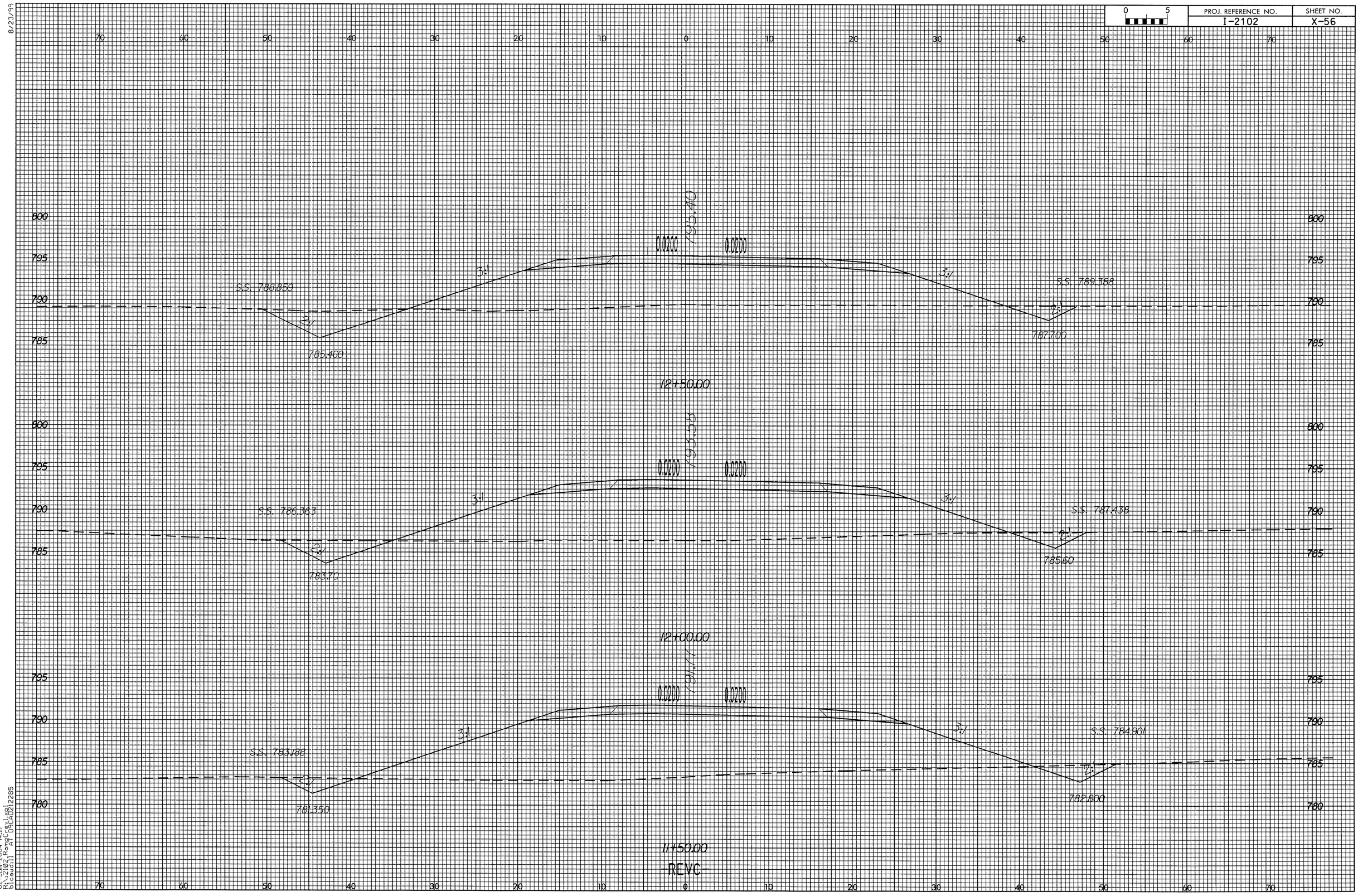
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2:1
2:1
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787.700
12+00.00
0.0200
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3:1
3:1
S.S. 786.363
S.S. 787.438
2:1
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783.70
785.60
11+50.00
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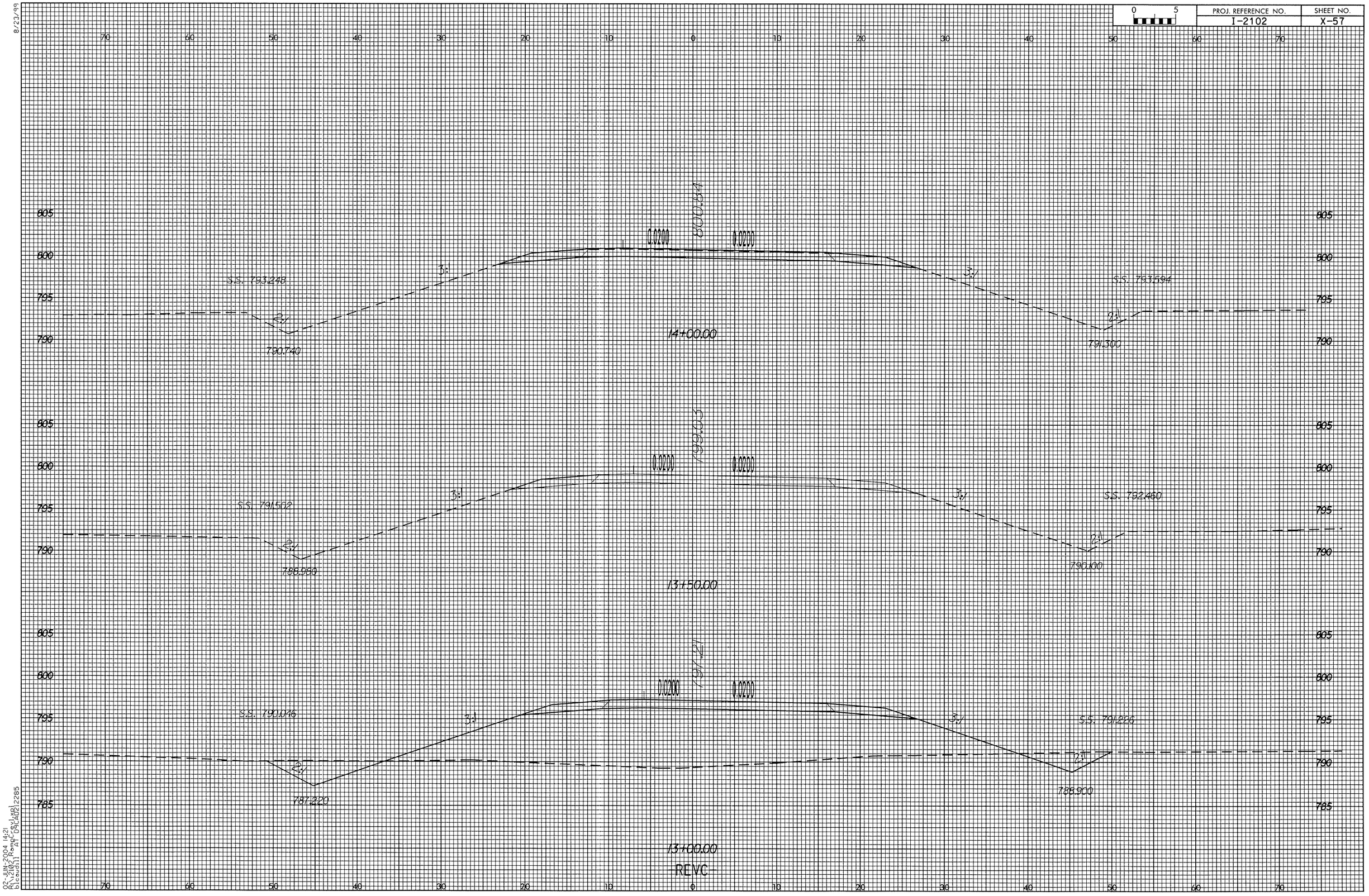

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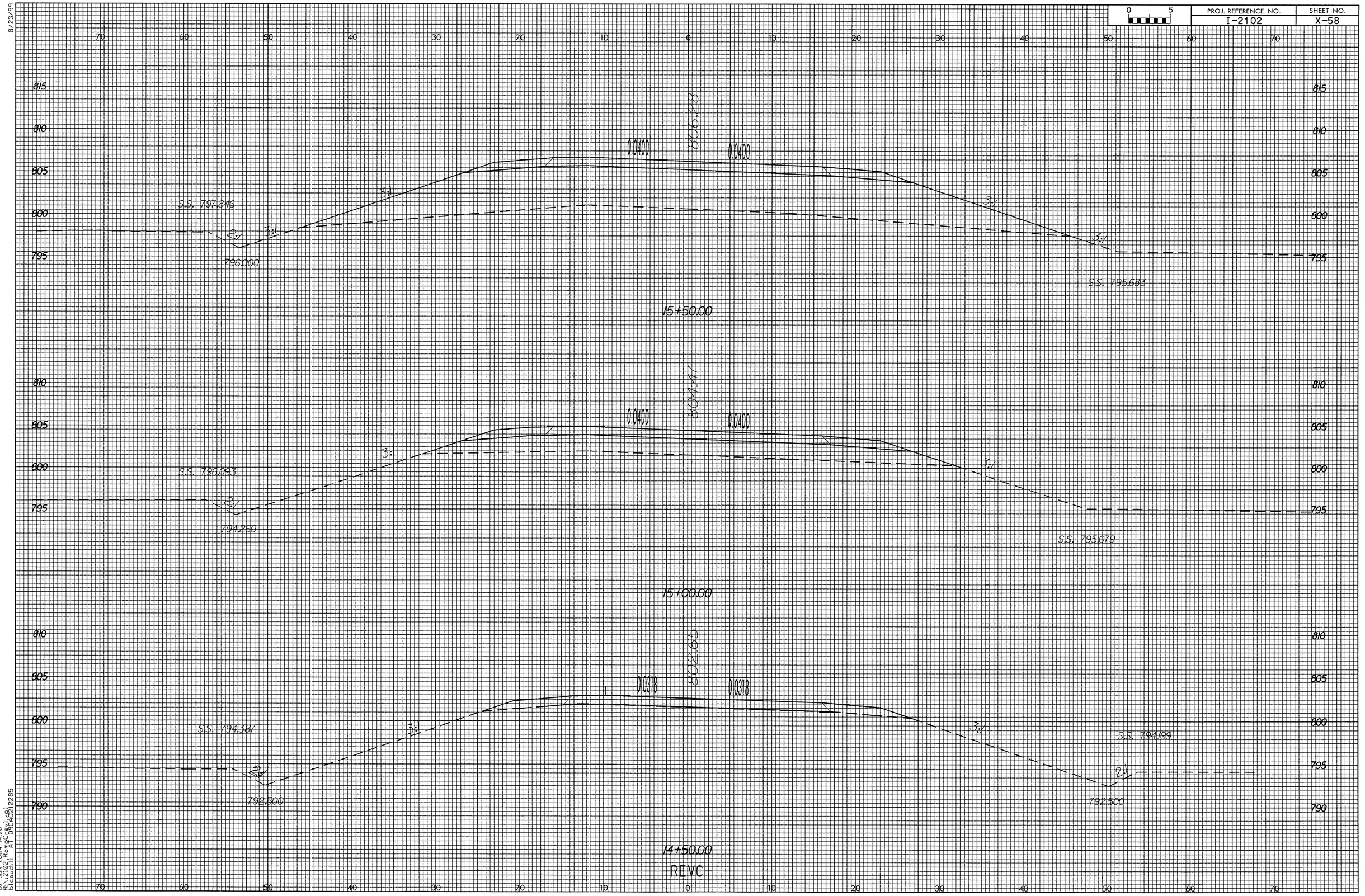
70 60 50 40 30 20 10 0 10 20 30 40 50 60 70
815
810
805
800
795
790
5016.218
0.0400
0.0400
3:1
3:1
2:1
3:1
S.S. 797.248
796.000
S.S. 795.683
15+50.00
5004.47
0.0400
0.0400
3:1
3:1
2:1
3:1
S.S. 796.083
794.260
S.S. 795.079
15+00.00
5002.65
0.0318
0.0318
3:1
3:1
2:1
3:1
S.S. 794.381
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14+50.00
REVC

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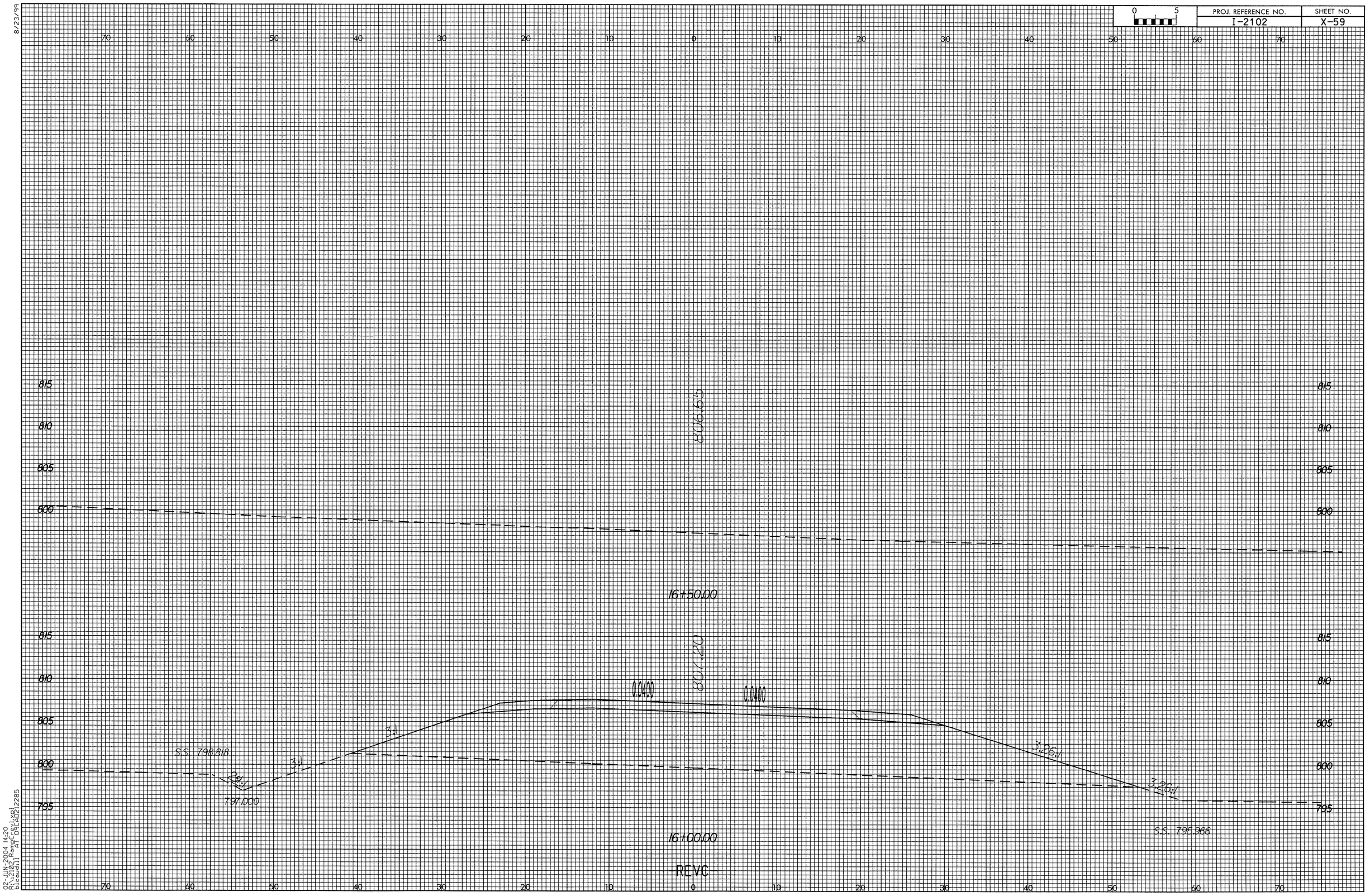
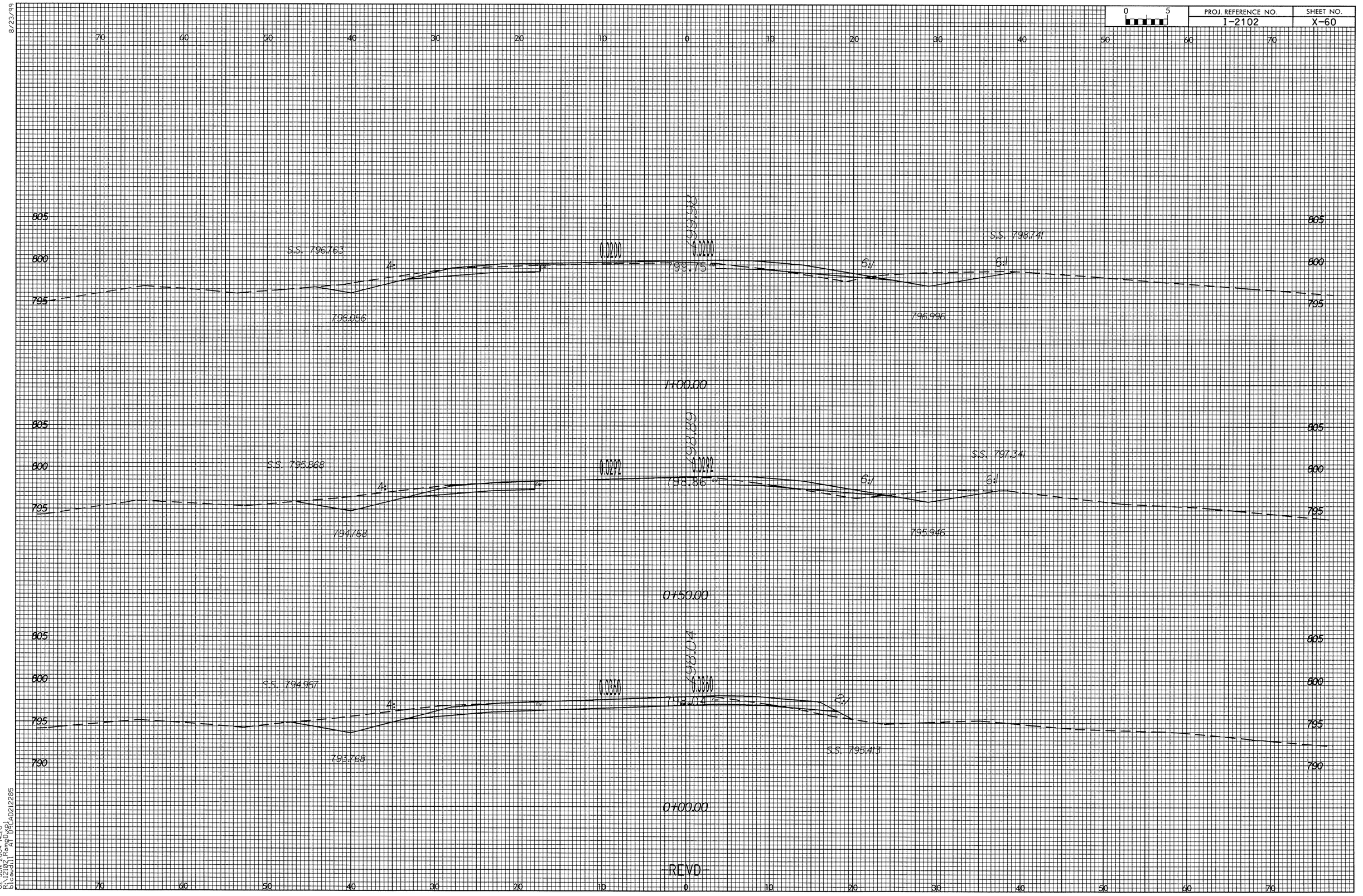
	I-2102	X-59




PROJ. REFERENCE NO.
I-2102
SHEET NO.
X-60
8/23/99
02-JUN-2004 14:20
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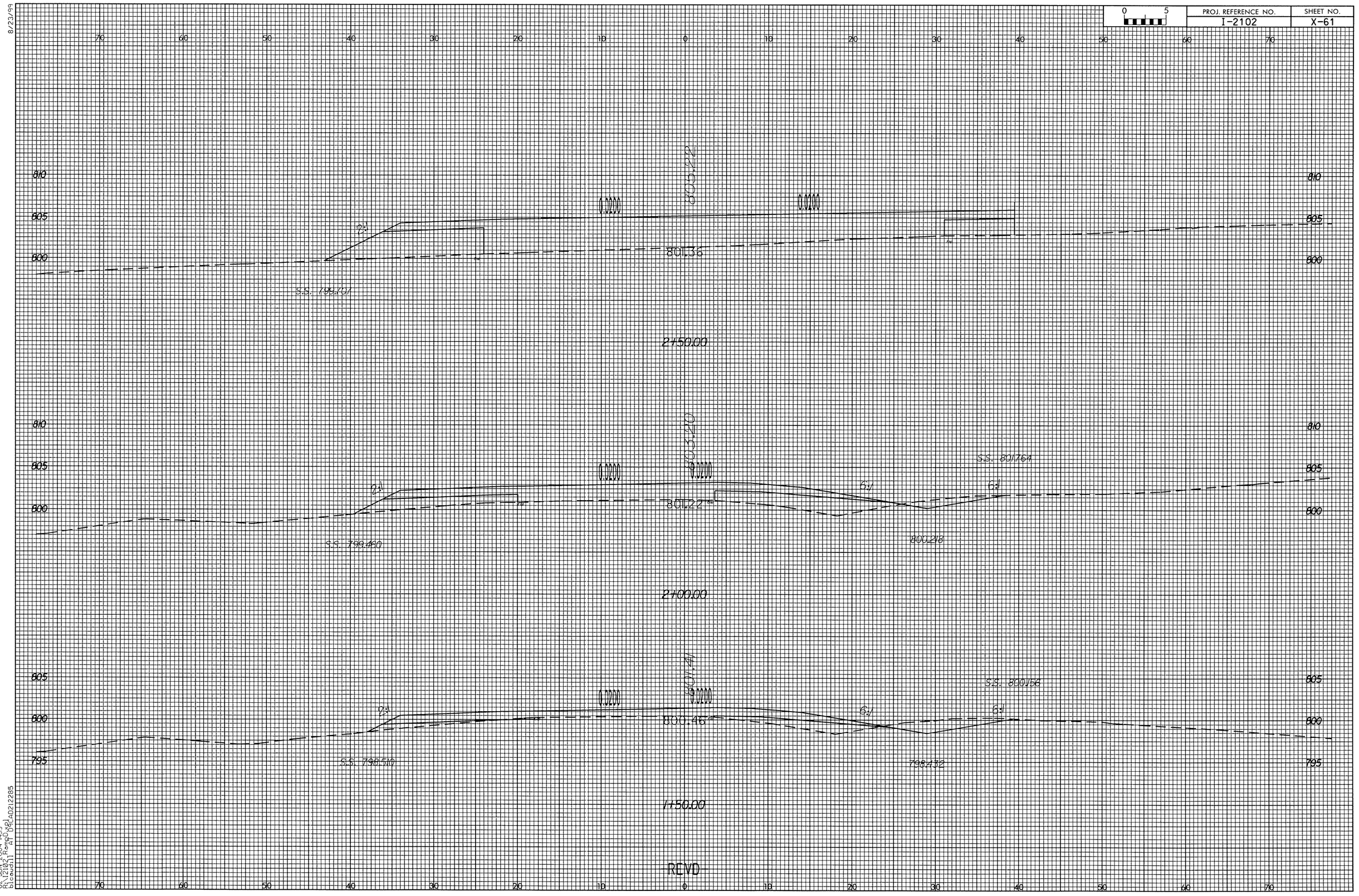
bicsaill
AI
DGN:A0212285
S.S. 796.763
4%
0.0000
799.175
6%
S.S. 798.741
796.056
796.996
1+00.00
S.S. 795.368
4%
0.0092
798.186
6%
S.S. 797.341
794.168
795.946
0+50.00
S.S. 794.967
4%
0.0360
798.134
2%
S.S. 795.413
793.768
0+00.00
REVD

0 5	PROJ. REFERENCE NO.	SHEET NO.
	I-2102	X-61



8/23/99

0 5	PROJ. REFERENCE NO.	SHEET NO.
	I-2102	X-62

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

815
810
805
800

798.24

4+00.00

799.94

3+50.00

809.60

2:1

1V:3H

801.03

S.S. 709.545

3+00.00

REVD

815
810
805
800

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

02-JUN-2004 14:19
R:\2102_Rpt\d02\
bicsdi11 A1 D(Arch)

8/23/99

0 5	PROJ. REFERENCE NO.	SHEET NO.
	I-2102	X-63

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

770
765
760
755
750

S.S. 762.760

S.I.

TS 52

749.200

12+50.00

765
760
755
750

S.S. 763.352

S.I.

TS 40

748.940

12+00.00

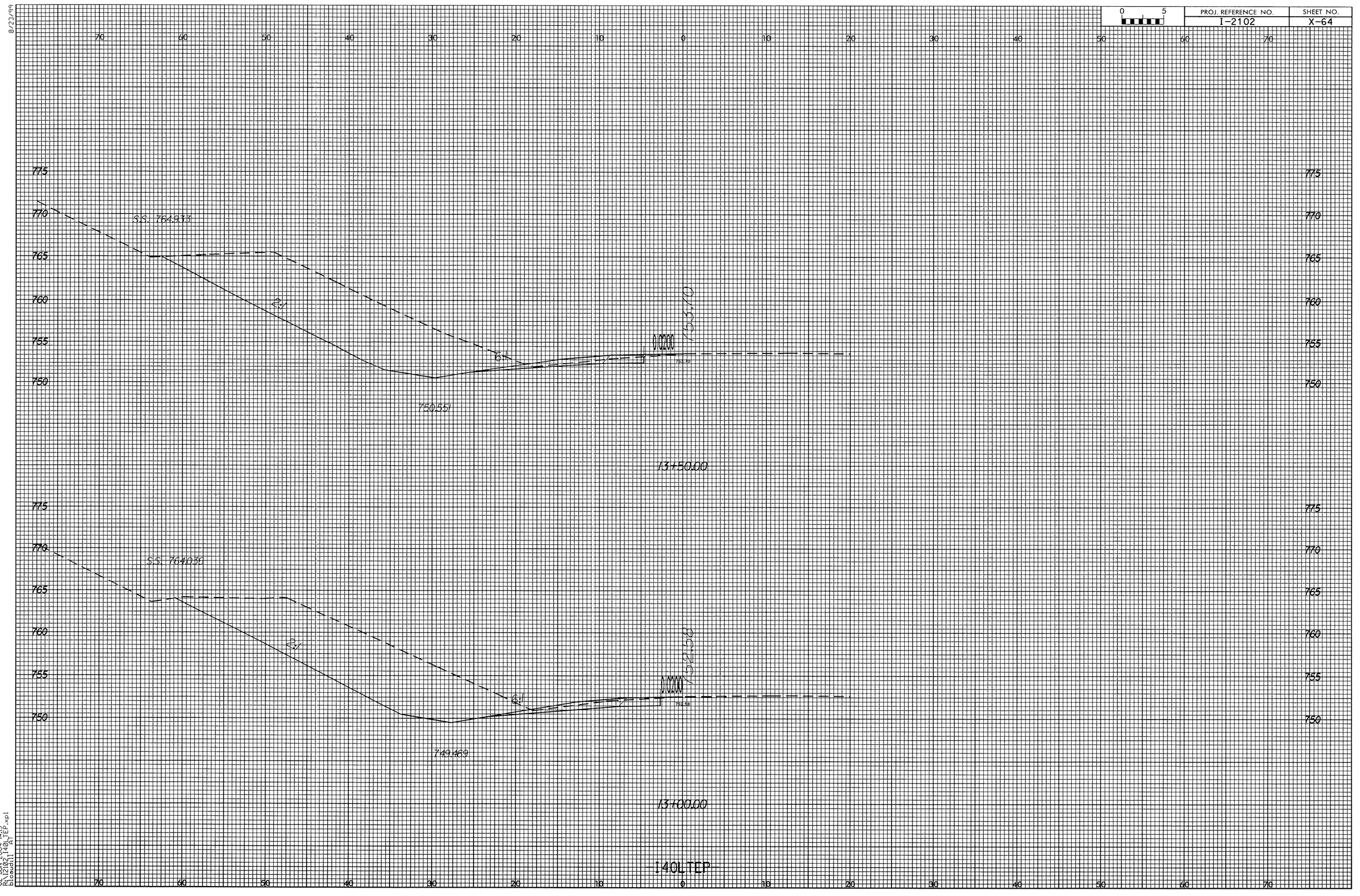
755
750

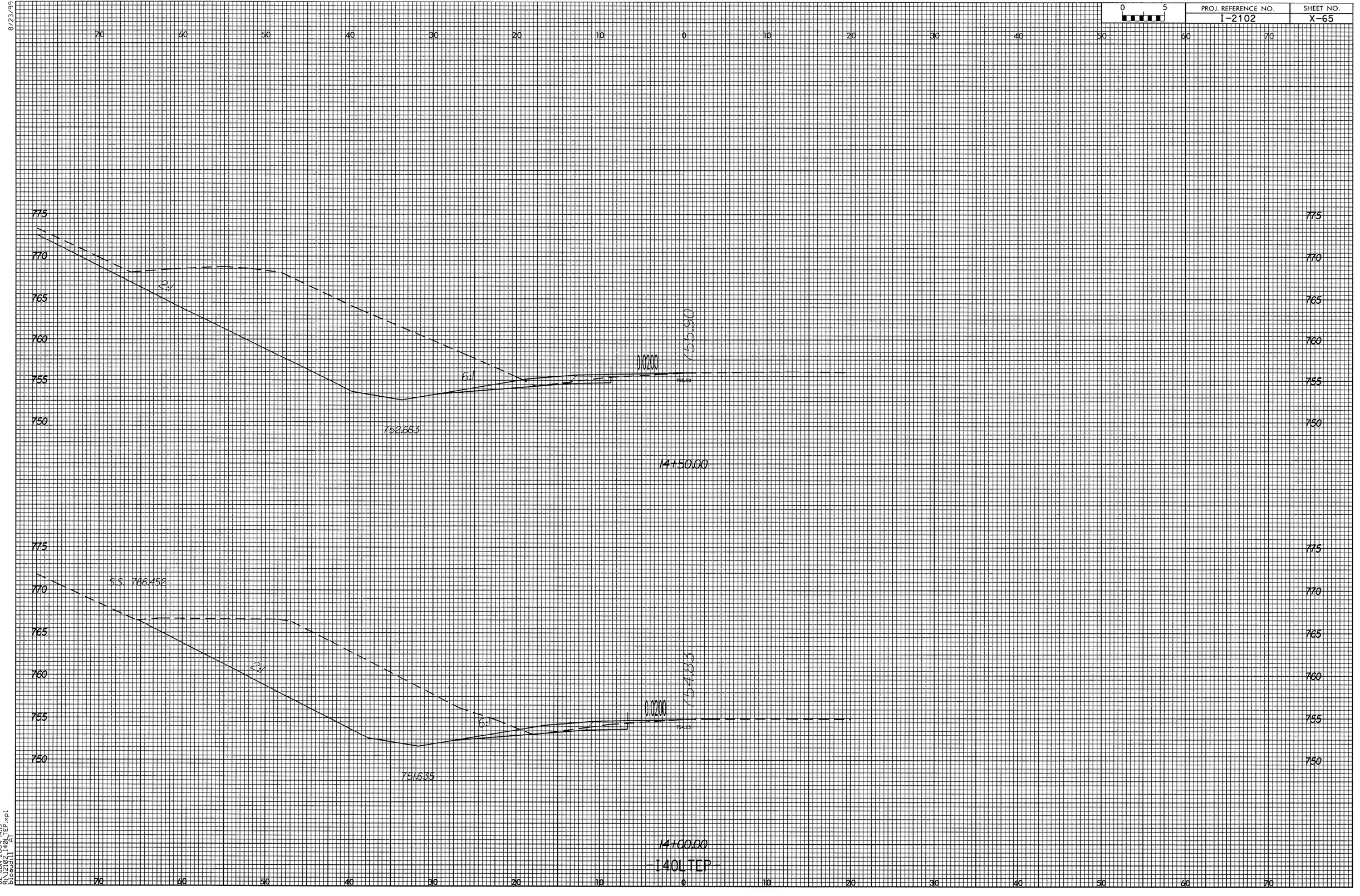
TS 29

11+50.00

140L TEP

0 5	PROJ. REFERENCE NO.	SHEET NO.
	I-2102	X-64

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PROJ. REFERENCE NO.
I-2102
SHEET NO.
X-65
8/23/99
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775 770 765 760 755 750
6:1
762.563
14+50.000
VP200
755.990
754.483
S.S. 766.452
751.635
14+00.000
140LTEP
02-JUN-2004 14:13
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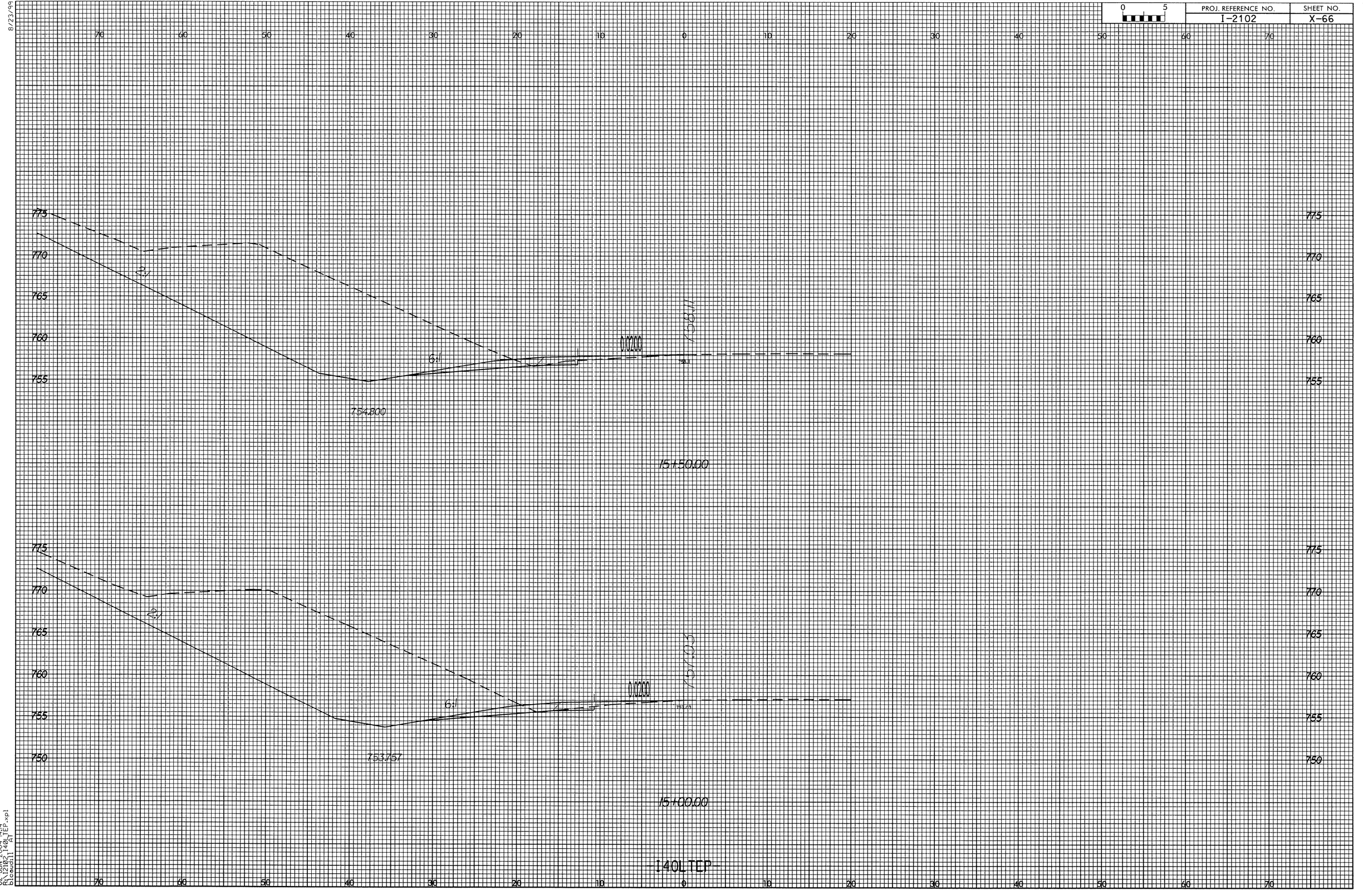

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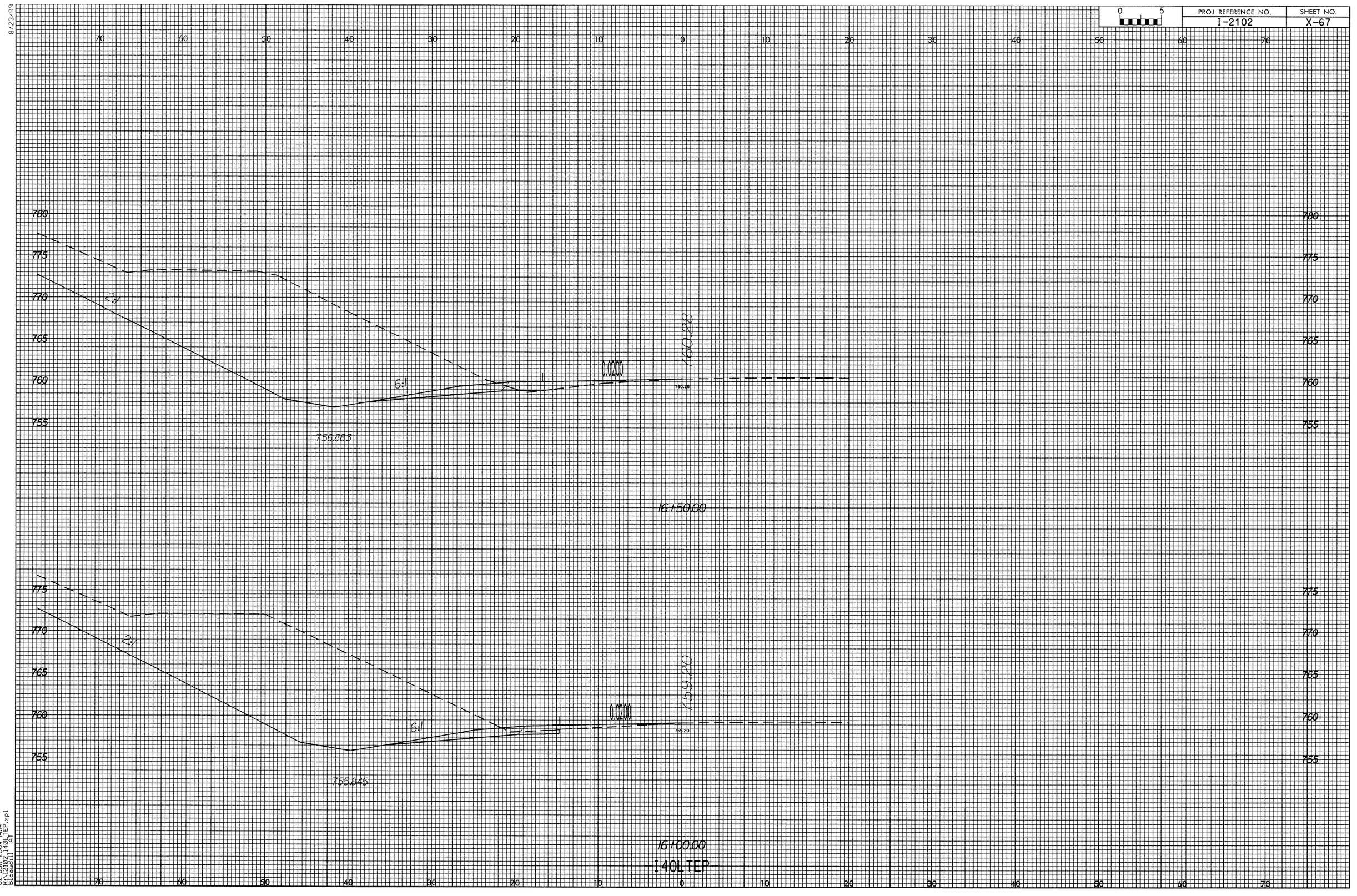
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PROJ. REFERENCE NO.
I-2102
SHEET NO.
X-67
8/23/99
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
780
775
770
765
760
755
2:1
6:1
156.228
156.28
756.883
16+50.00
2:1
6:1
159.220
159.20
756.845
16+00.00
140LTEP
02-JUN-2004 14:4
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bloudhill
AT

0 5	PROJ. REFERENCE NO.	SHEET NO.
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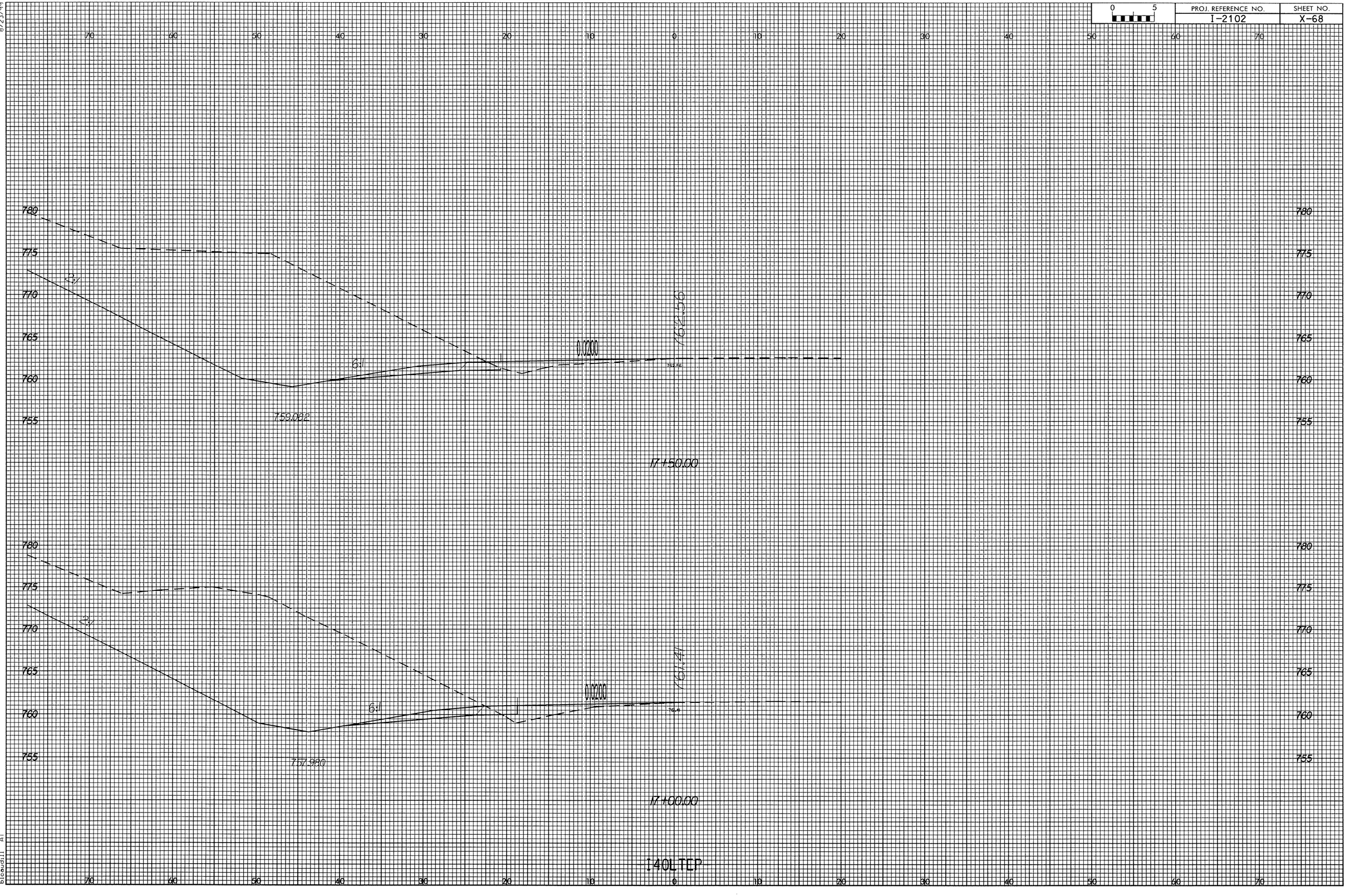
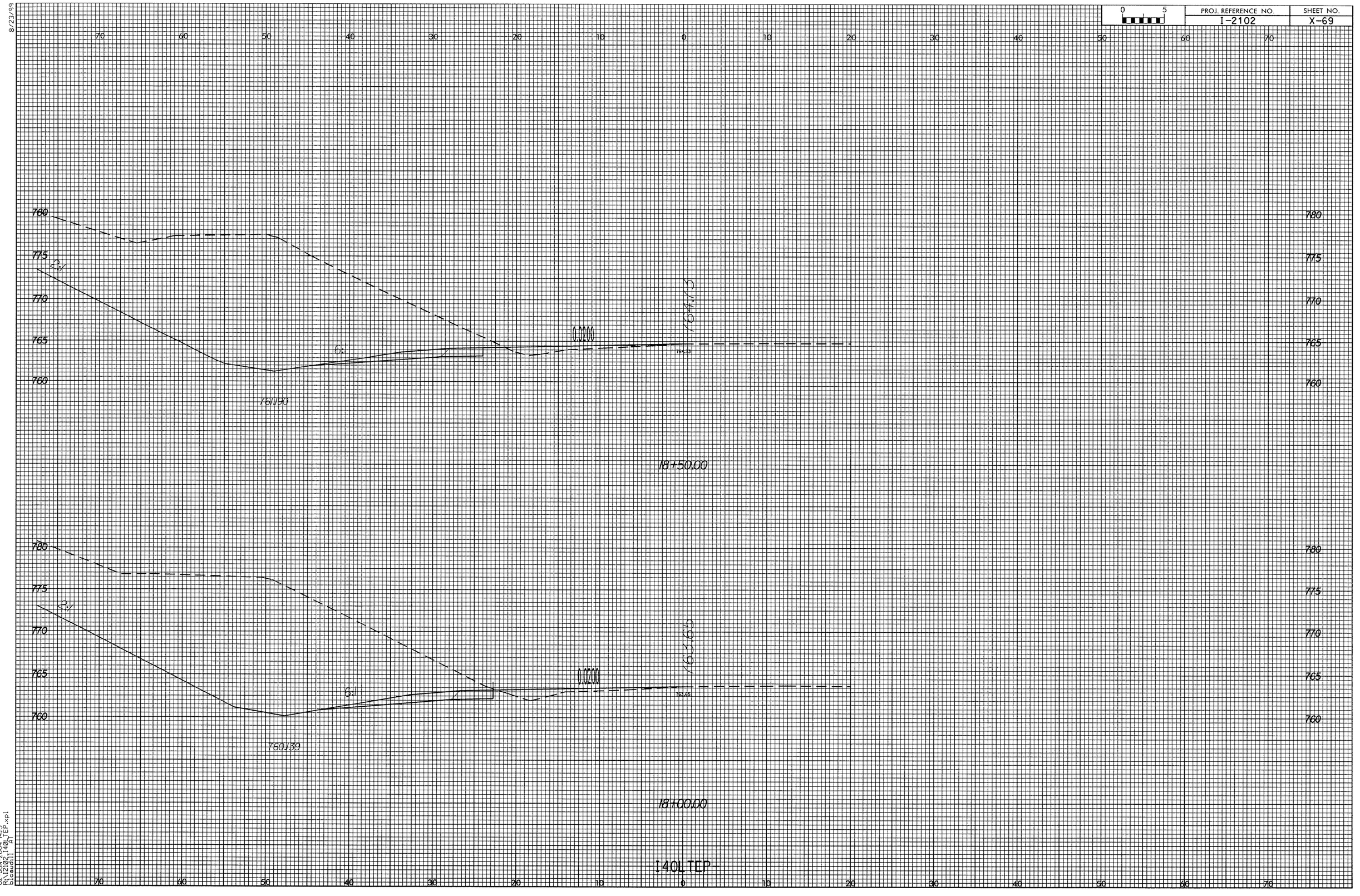
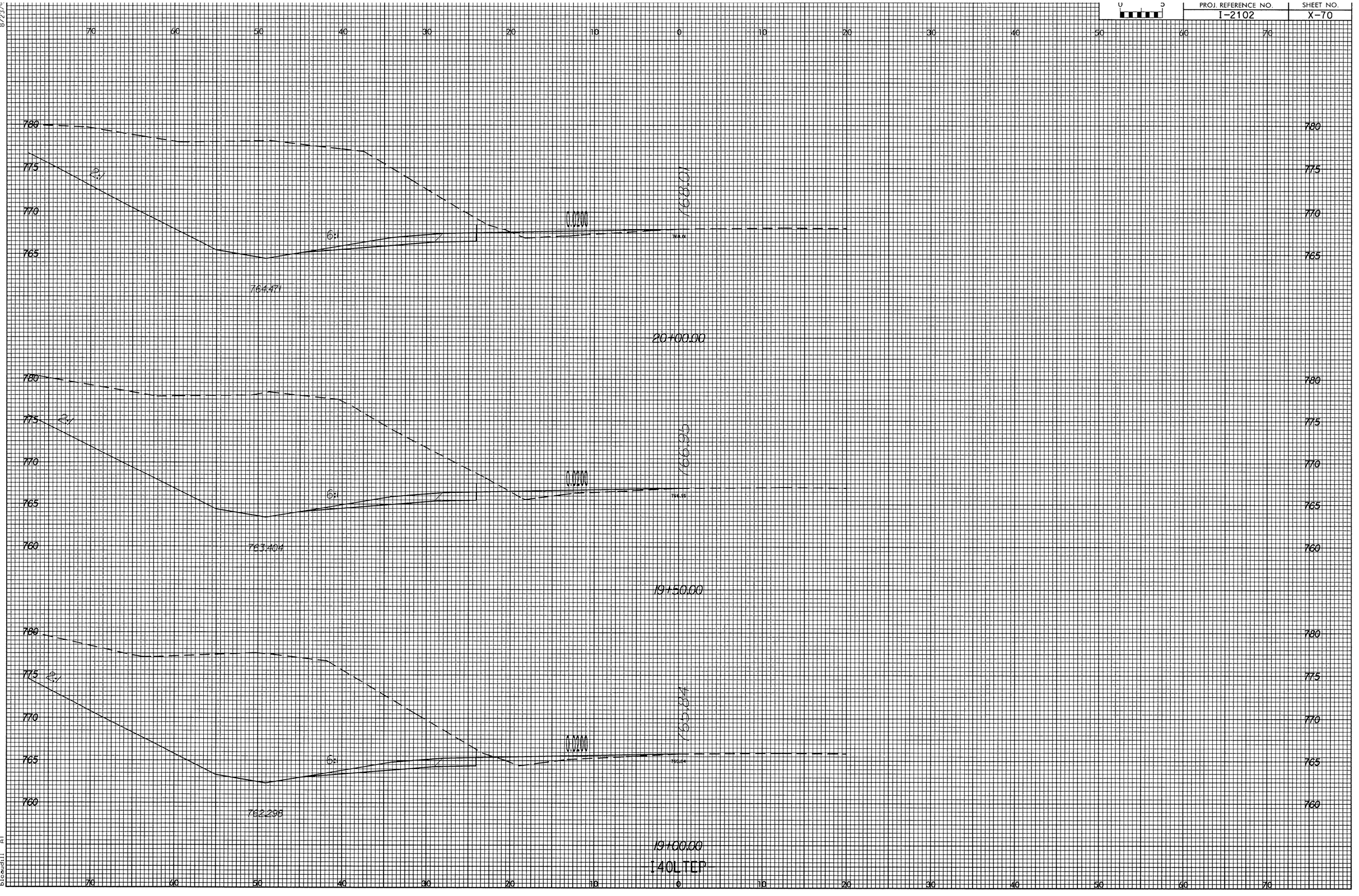


0 5	PROJ. REFERENCE NO.	SHEET NO.
	I-2102	X-69




PROJ. REFERENCE NO.
I-2102
SHEET NO.
X-70
780
775
770
765
760
2:1
6:1
0.0200
764.471
763.404
762.298
763.107
766.915
765.914
764.01
764.05
764.64
20+00.00
19+50.00
19+00.00
140LTEP
02-JUN-2004 14:15
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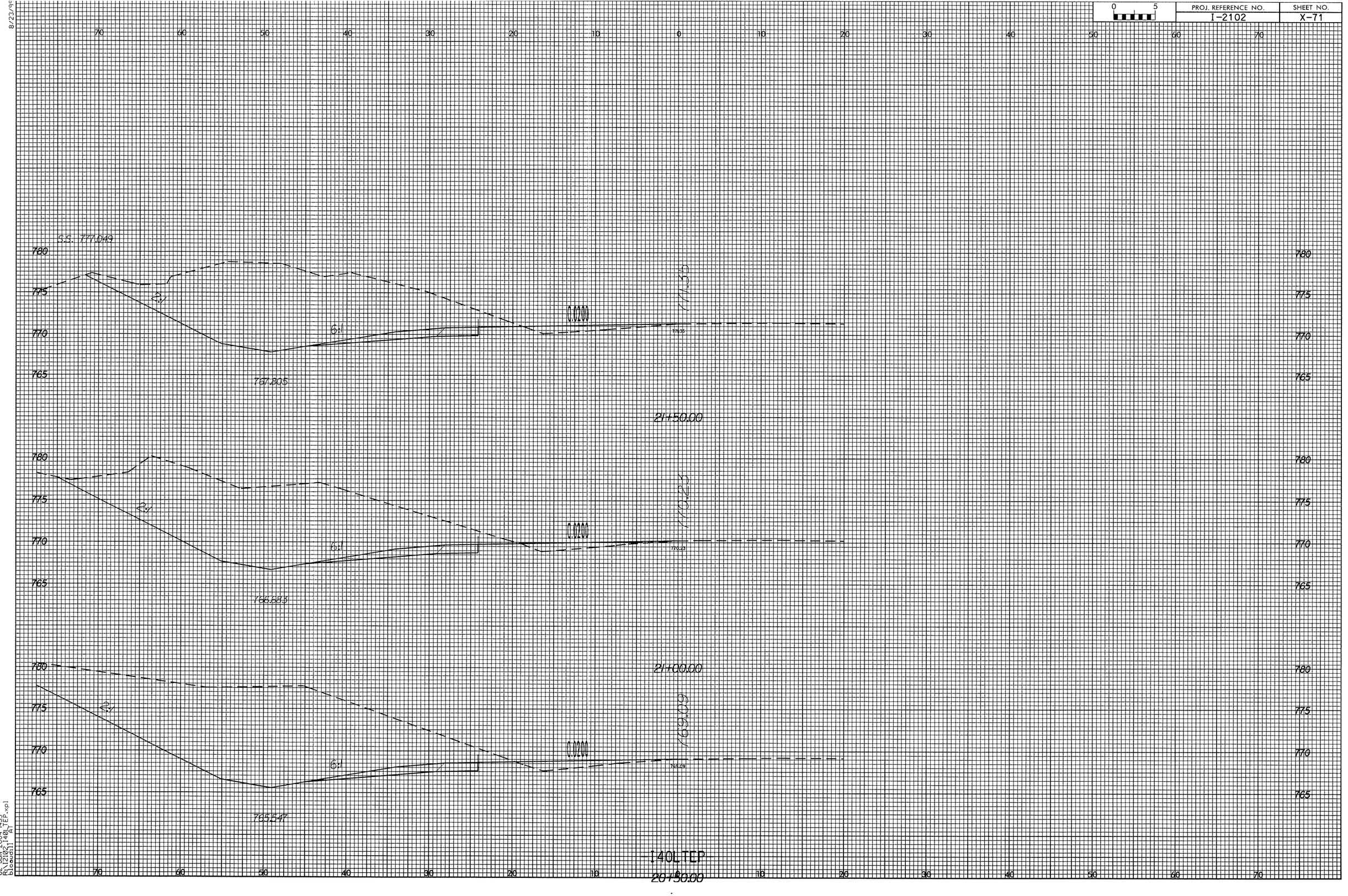
bleaudill


8/23/95
70 60 50 40 30 20 10 0 10 20 30 40 50 60 70
S.S. 777.049
780
775
770
765
2:1
6:1
0.020
776.805
777.049
776.835
21+50.00
780
775
770
765
2:1
6:1
0.020
766.883
770.213
770.20
21+00.00
780
775
770
765
2:1
6:1
0.020
765.547
769.009
765.09
140LTEP
20+50.00
02-JUN-2004 14:15
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bloudin1 AT

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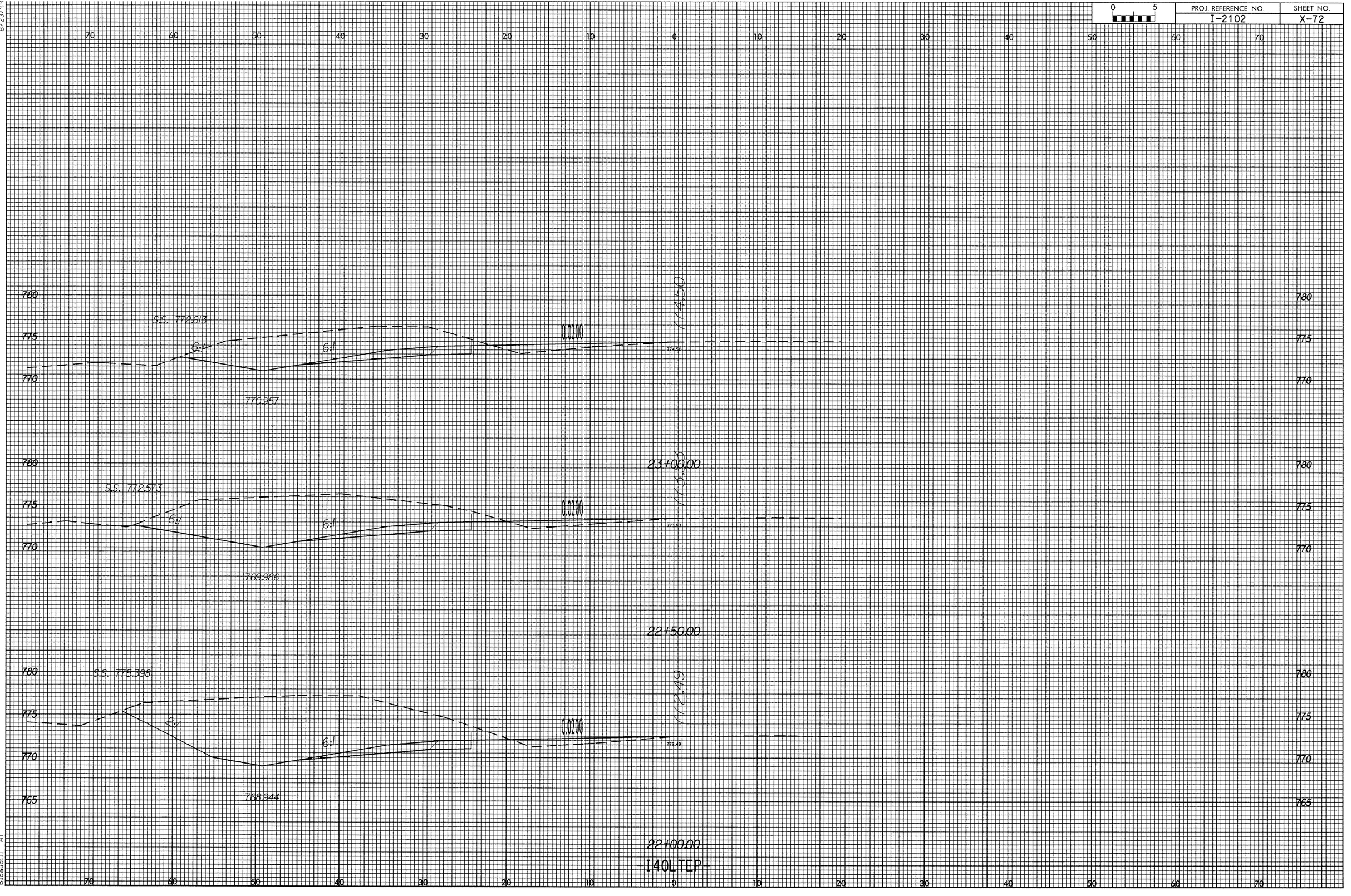

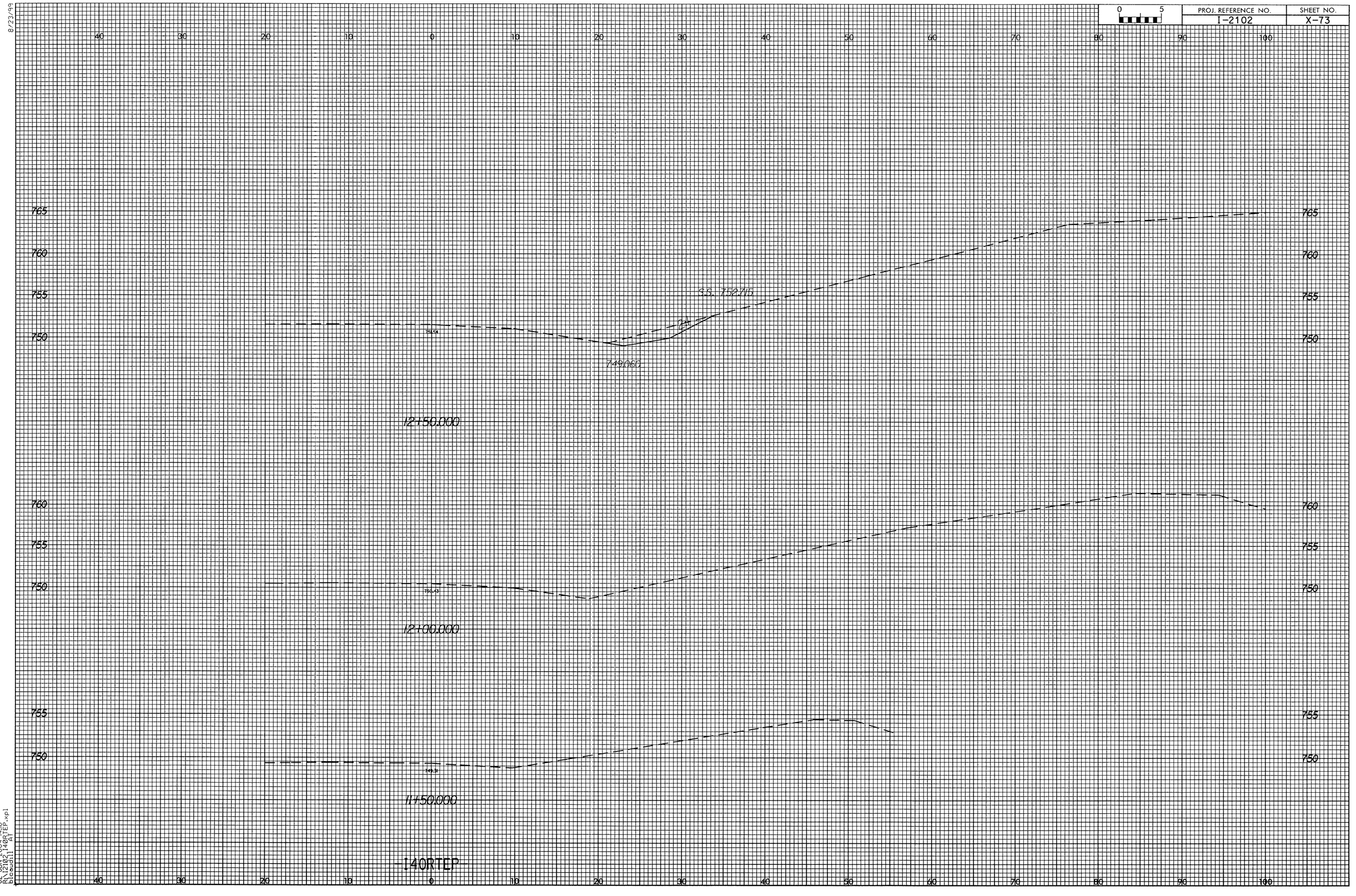
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PROJ. REFERENCE NO.
I-2102
SHEET NO.
X-73
8/23/99
40 30 20 10 0 10 20 30 40 50 60 70 80 90 100
765
760
755
750
G.S. 752.15
749.060
12+50.000
760
755
750
12+00.000
755
750
11+50.000
140RTEP
02-JUN-2004 14:16
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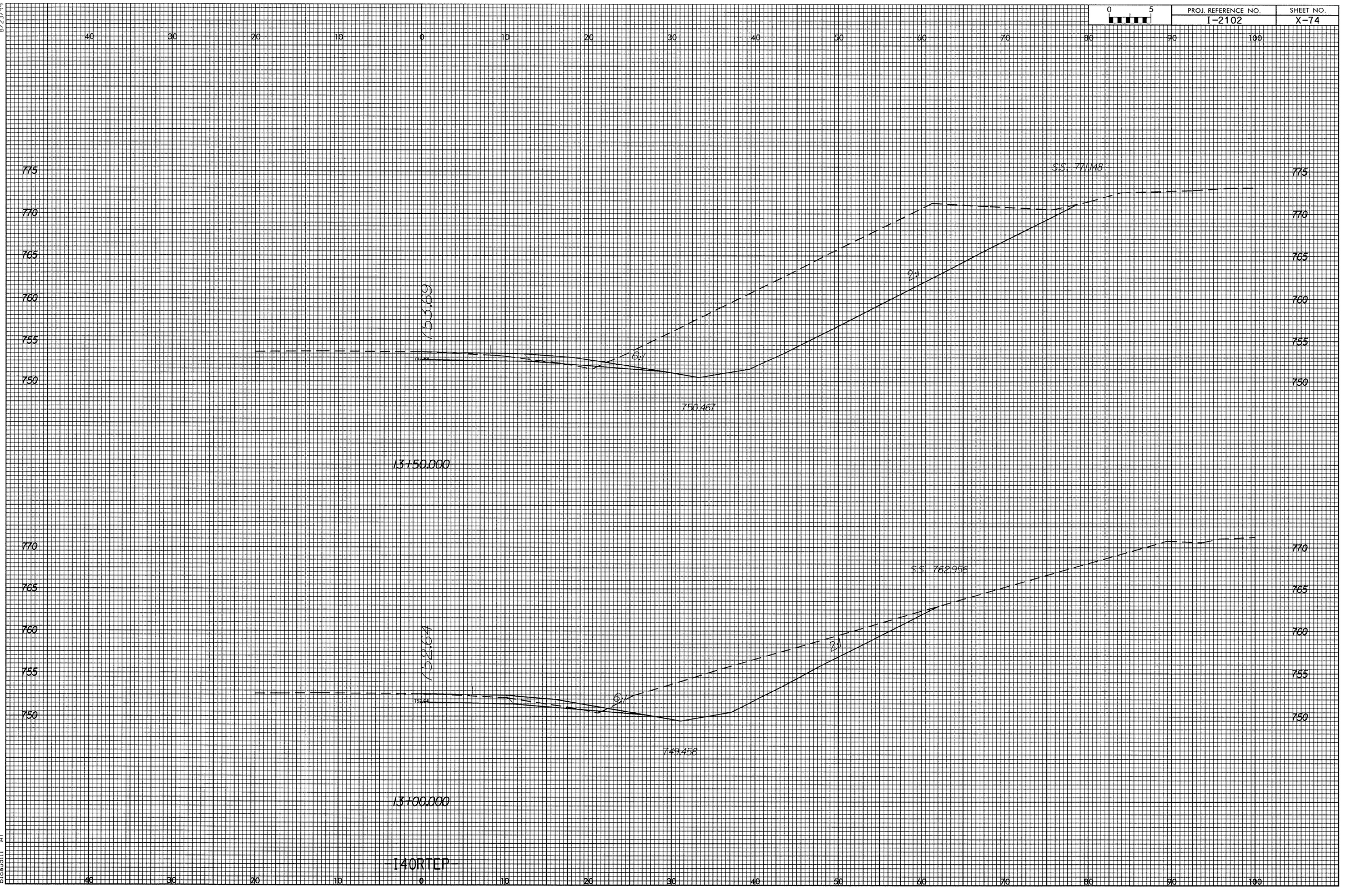
bleaudi1
AT

8/23/99

0 5	PROJ. REFERENCE NO.	SHEET NO.
	I-2102	X-74



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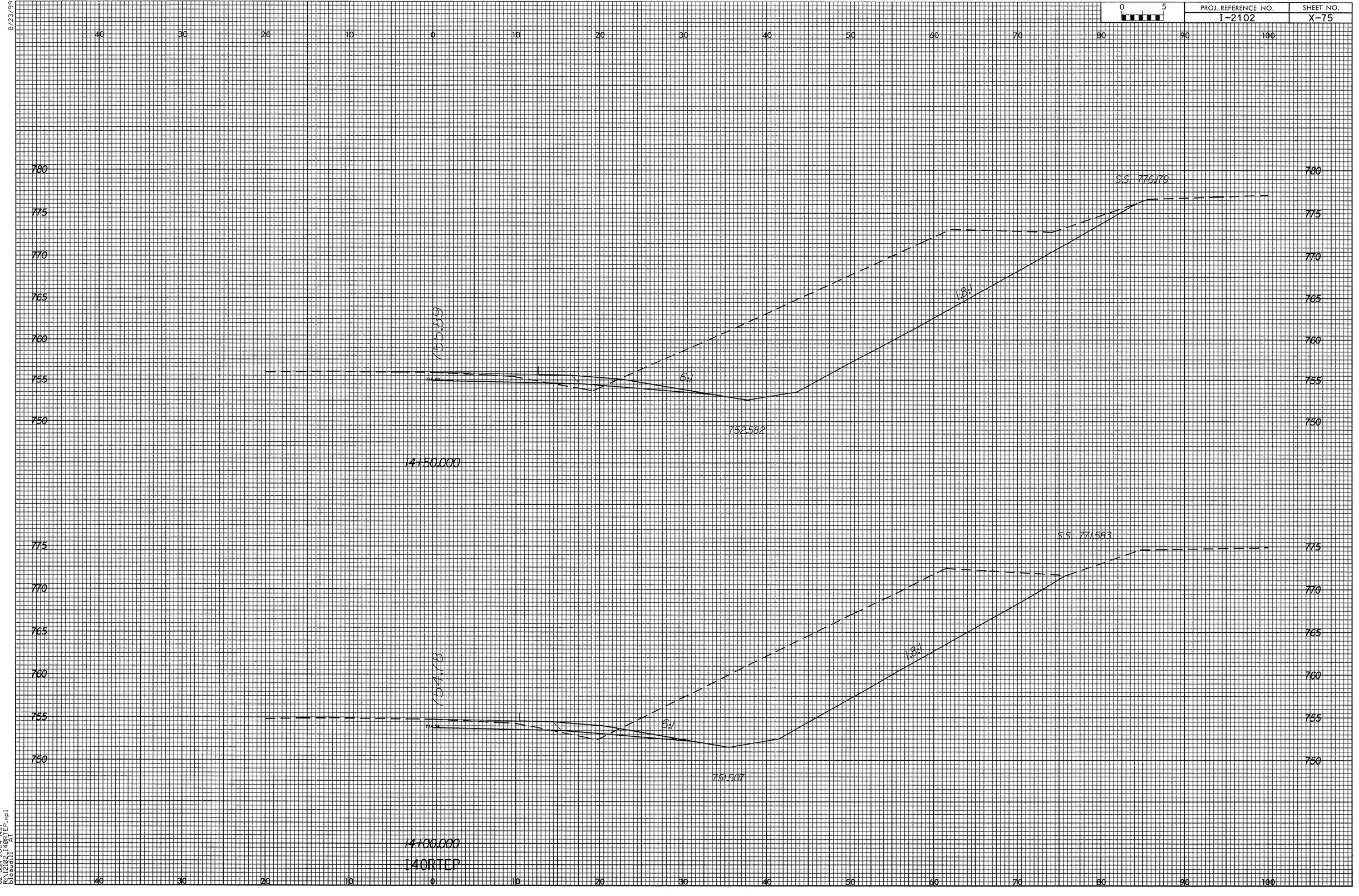
0 5
PROJ. REFERENCE NO.
I-2102
SHEET NO.
X-75
8/23/99
40 30 20 10 0 10 20 30 40 50 60 70 80 90 100
780
775
770
765
760
755
750
S.S. 776170
1:8
6:1
755.000
752582
14+50.000
S.S. 771563
1:8
6:1
751507
14+00.000
140RTEP
02-JUN-2004 14:47
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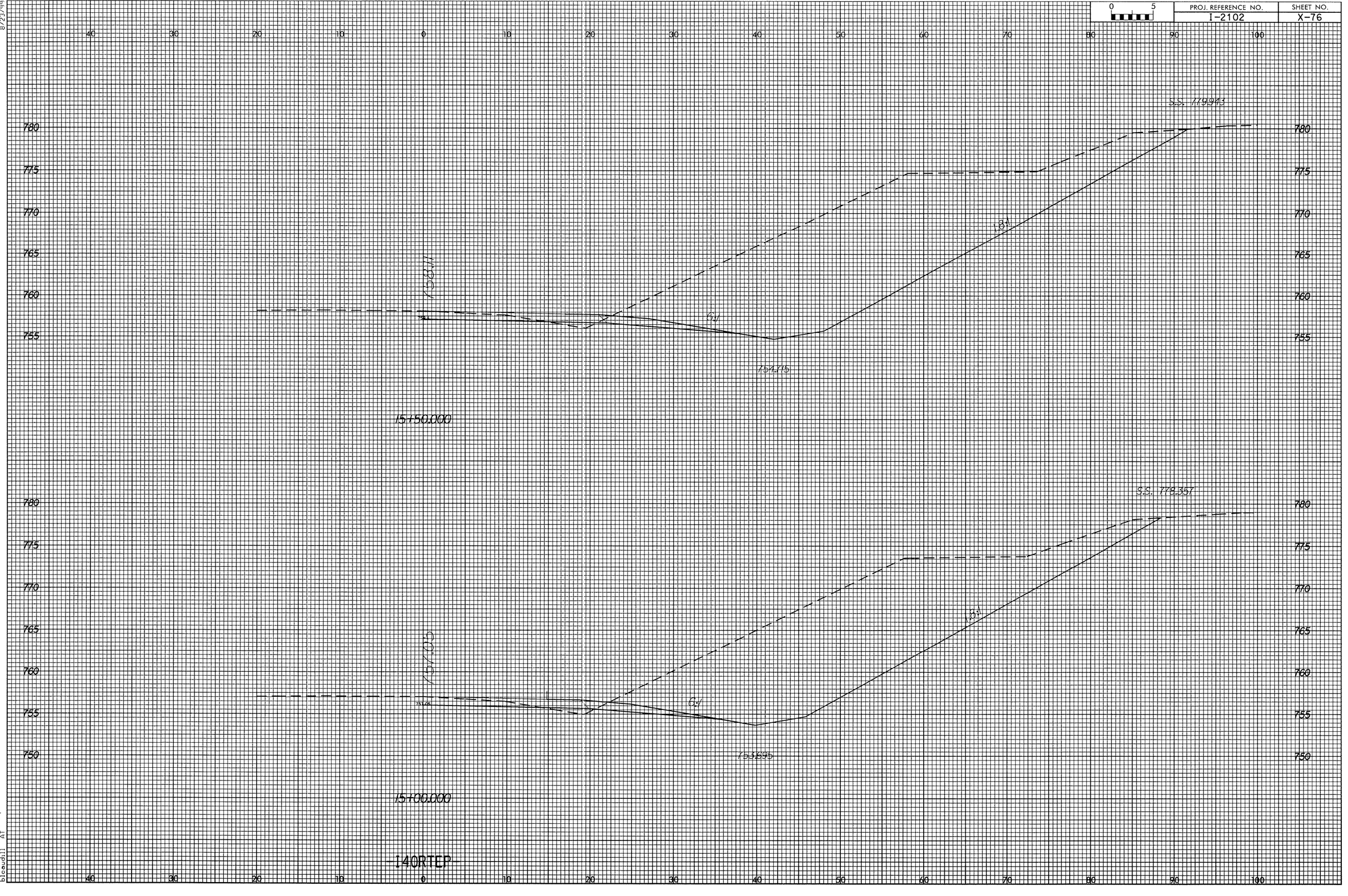
bloudil AT


0 5
PROJ. REFERENCE NO.
I-2102
SHEET NO.
X-76
8/23/99
S.S. 779.913
780
775
770
765
760
755
6:1
6:1
753.611
751.68
751.715
15+50.000
S.S. 778.357
780
775
770
765
760
755
750
6:1
6:1
753.611
751.68
753.895
15+00.000
140RTEP
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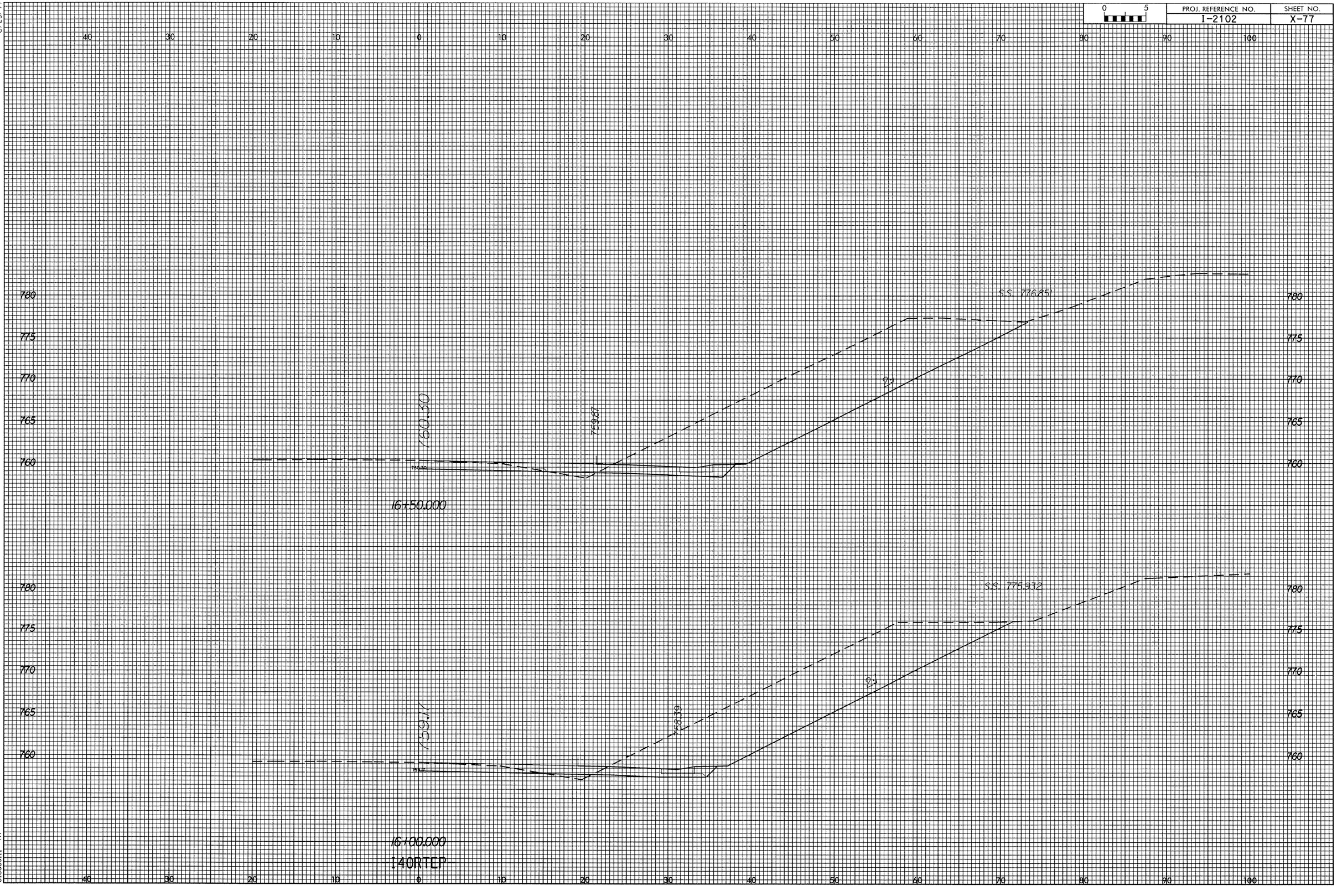
bleaudji AT

0 5	PROJ. REFERENCE NO.	SHEET NO.
	I-2102	X-77



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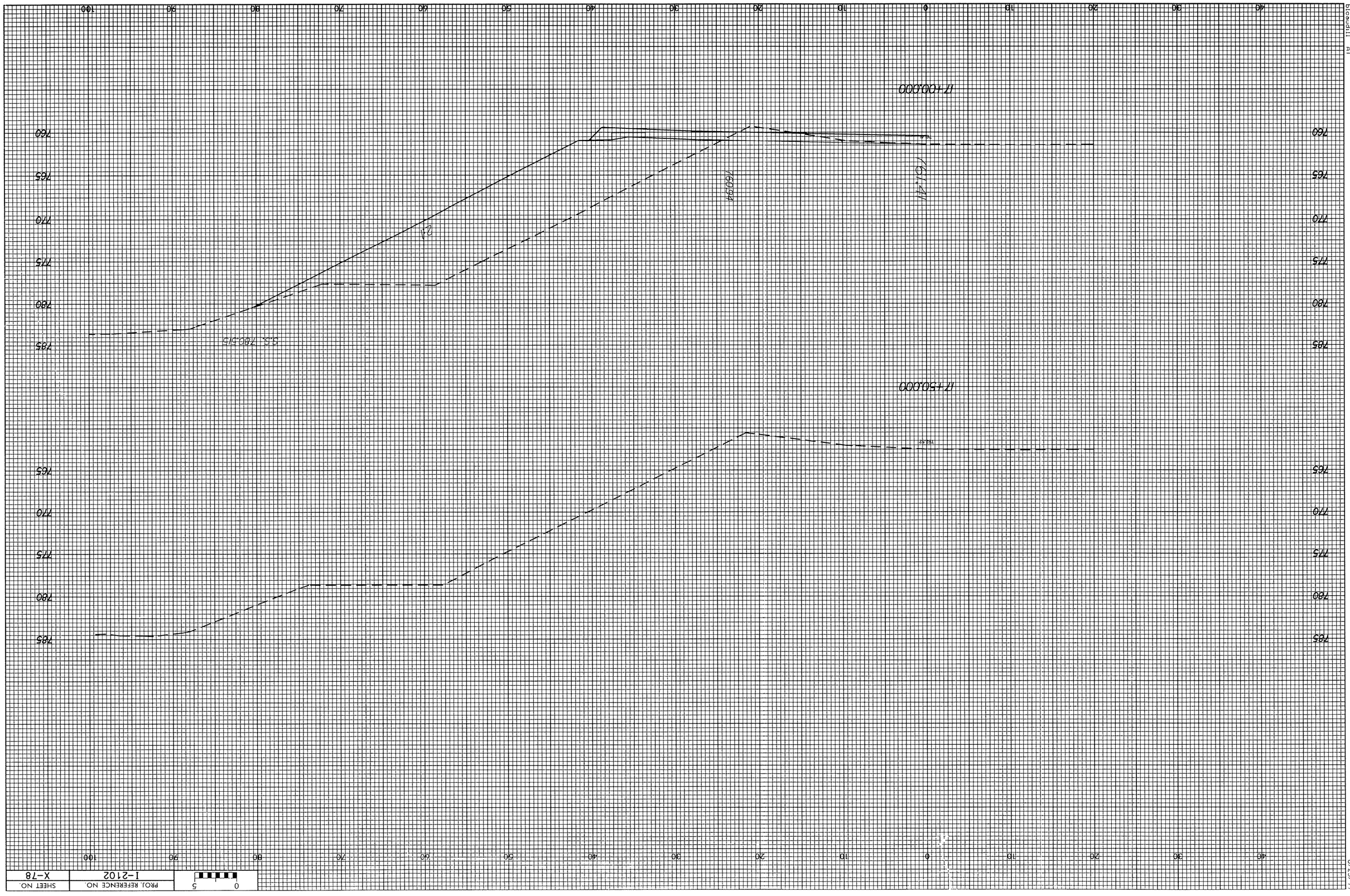

PROJ. REFERENCE NO.	SHEET NO.
I-2102	X-78

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8/23/99