R:\Roadway\XSC\phase1a_xsc.log

PROJ. REFERENCE NO.	SHEET NO.
B-3872	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

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

PHASE 1

Station Lrev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+75.0000	1	0
12+00.0000	6	1
12+25.0000	30	1
12+50.0000	163	0
12+75.0000	445	0
13+00.0000	806	0
13+25.0000	975	0
13+50.0000	734	0
13+75.0000	260	0

Station Lrev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
15+50.0000	18	1
15+75.0000	123	1
16+00.0000	191	2
16+25.0000	234	1
16+35.0000	49	1

PHASE 1 ROCK

Station Lrev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+50.0000	0	0
11+75.0000	7	0
12+00.0000	6	0
12+25.0000	30	0
12+50.0000	93	0
12+75.0000	214	0
13+00.0000	413	0
13+25.0000	313	0
13+50.0000	29	0

PHASE 2

Station Lrev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.0000	0	1
10+25.0000	1	1
10+50.0000	1	1
10+75.0000	1	1
11+00.0000	1	2
11+25.0000	1	3
11+50.0000	0	3
11+75.0000	0	2
12+00.0000	0	1
12+25.0000	3	0
12+50.0000	9	1
12+75.0000	12	1
13+00.0000	10	3
13+25.0000	4	18
13+50.0000	0	102
13+66.5000	0	114

Station Lrev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
15+00.0000	0	270
15+25.0000	0	416
15+50.0000	0	250
15+75.0000	0	131
16+00.0000	1	86
16+25.0000	1	61
16+50.0000	1	36
16+75.0000	1	30
17+00.0000	0	27
17+25.0000	0	14
17+50.0000	0	6
17+75.0000	0	6
18+00.0000	0	2

PHASE 3

Station Lrev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.0000	0	1
10+25.0000	0	1
10+50.0000	0	2
10+75.0000	0	2
11+00.0000	0	2
11+25.0000	0	4
11+50.0000	0	5
11+75.0000	0	4
12+00.0000	0	1
12+25.0000	2	0
12+50.0000	9	1
12+75.0000	12	13
13+00.0000	10	17
13+25.0000	4	19
13+50.0000	0	20
13+66.5000	0	13

Station Lrev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
15+00.0000	7	0
15+25.0000	8	1
15+50.0000	1	4
15+75.0000	0	4
16+00.0000	0	2
16+25.0000	0	1
16+50.0000	0	1
16+75.0000	0	1
17+00.0000	0	1
17+25.0000	0	1
17+50.0000	0	1
17+75.0000	0	1
18+00.0000	0	1

PHASE 3 ROCK

Station Lrev	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+25.0000	2	0
10+50.0000	5	0
10+75.0000	5	0
11+00.0000	7	0
11+25.0000	9	0
11+50.0000	11	0

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	1

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1285 1280 1275 1270 1265 1260 1255 1250 1245 1240 1235 1230 1225 1220 1215 1210 1205 1200

VAR. VAR.

1223.33

122.55

10+00.0000

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$$$$USERNAME$$$$

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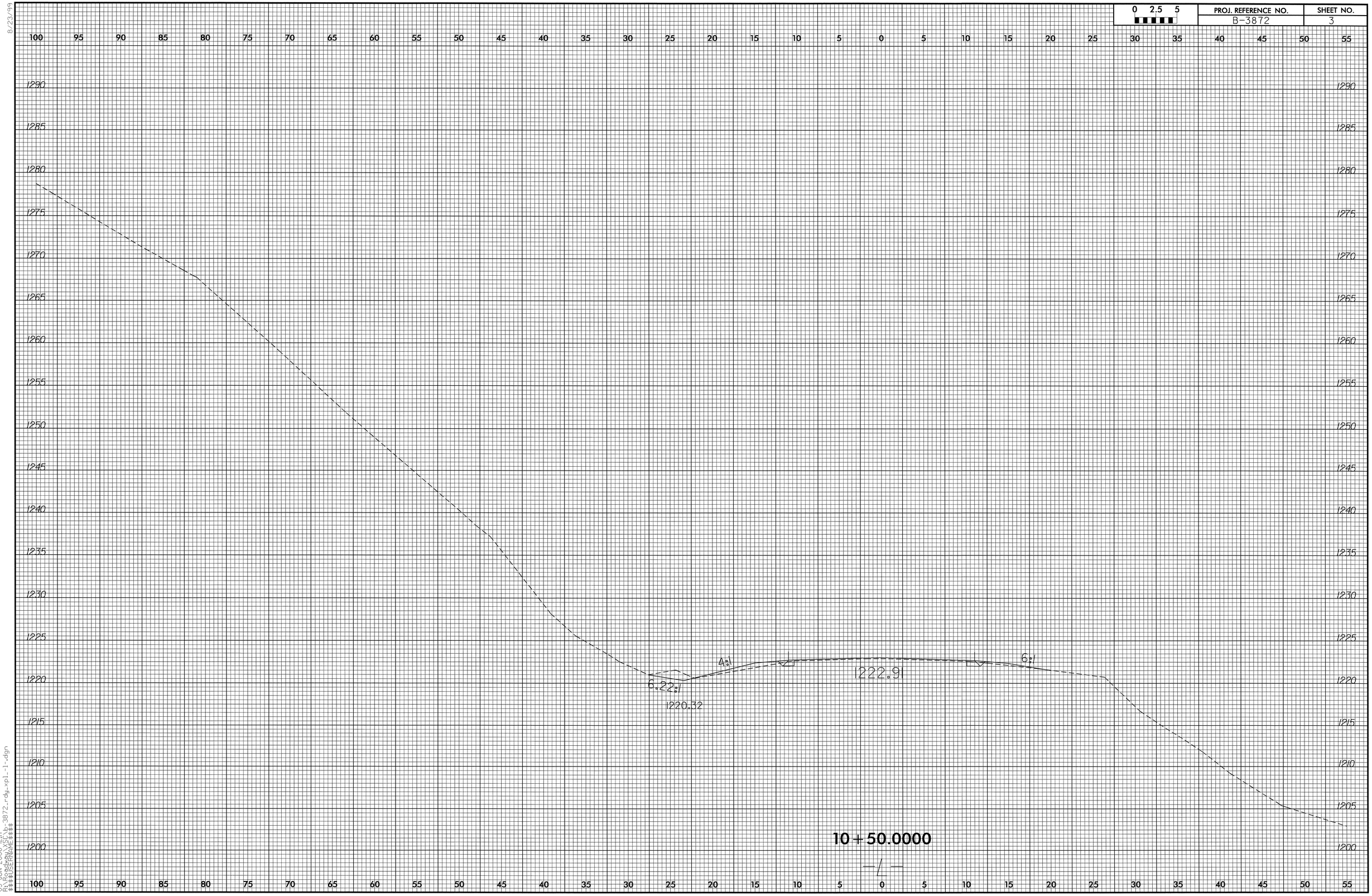
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	3

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1290 1285 1280 1275 1270 1265 1260 1255 1250 1245 1240 1235 1230 1225 1220 1215 1210 1205 1200



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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	4

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1280 1275 1270 1265 1260 1255 1250 1245 1240 1235 1230 1225 1220 1215 1210 1205 1200

-4.25%

2%

4:1

6:1

1222.61

1219.82

10+75.0000

—/—

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	5

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1285
1280
1275
1270
1265
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1255
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1240
1235
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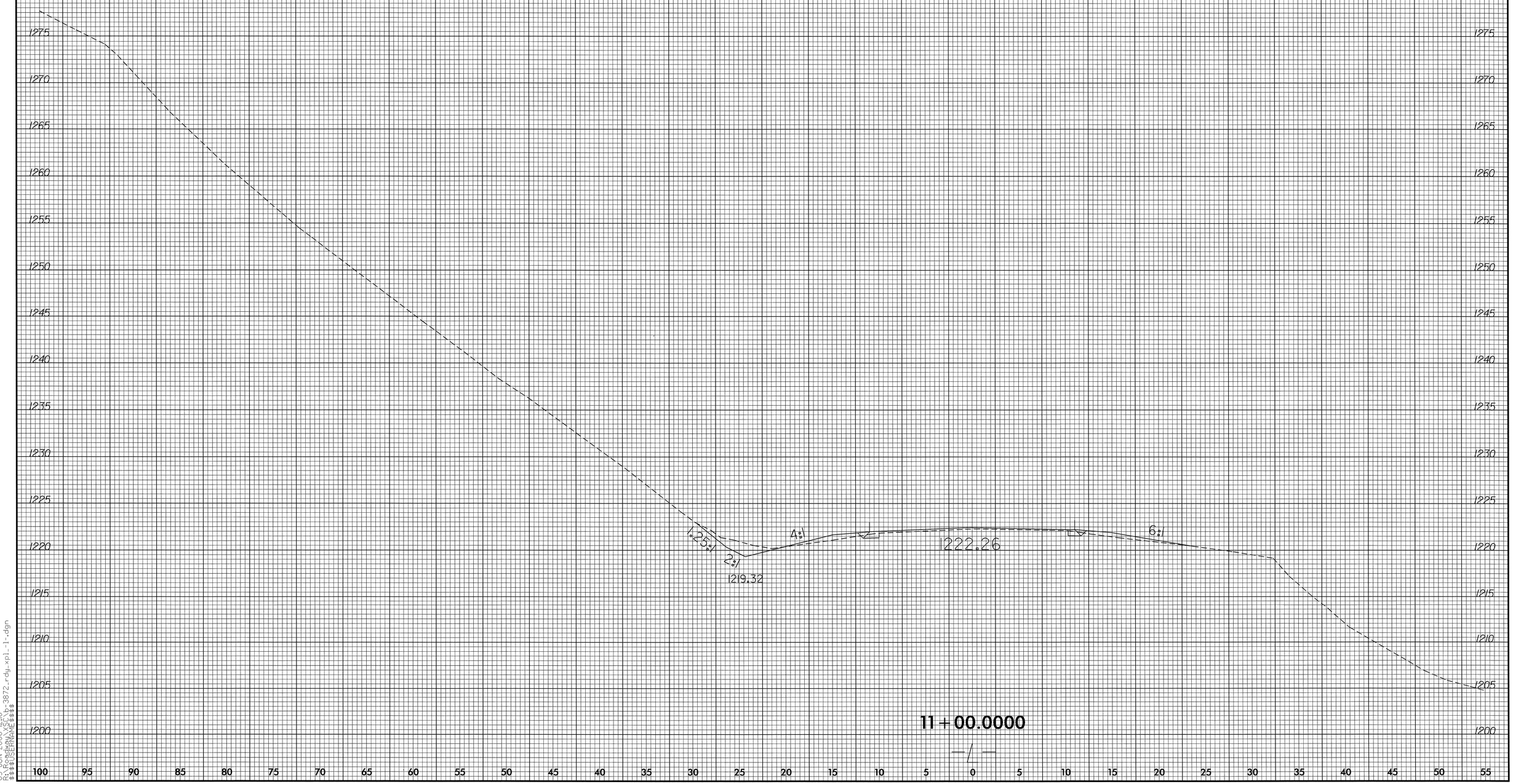
1225
1220
1215
1210
1205
1200



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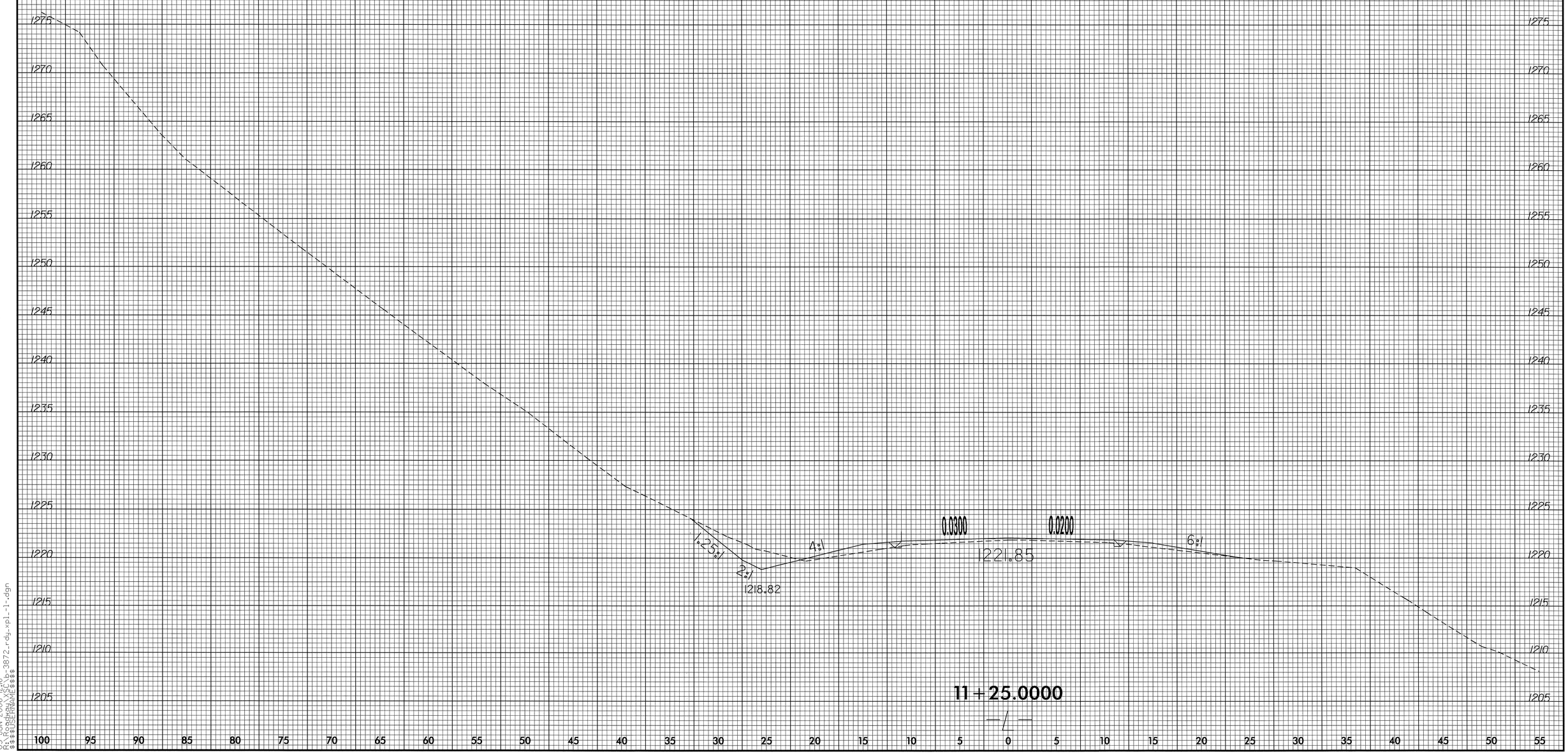
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	6

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1280 1275 1270 1265 1260 1255 1250 1245 1240 1235 1230 1225 1220 1215 1210 1205



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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	7

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1280 1275 1270 1265 1260 1255 1250 1245 1240 1235 1230 1225 1220 1215 1210 1205

1.5%

-2%

1218.32

4%

0.0200

0.0200

221.23

6%

11+50.0000

—/—

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

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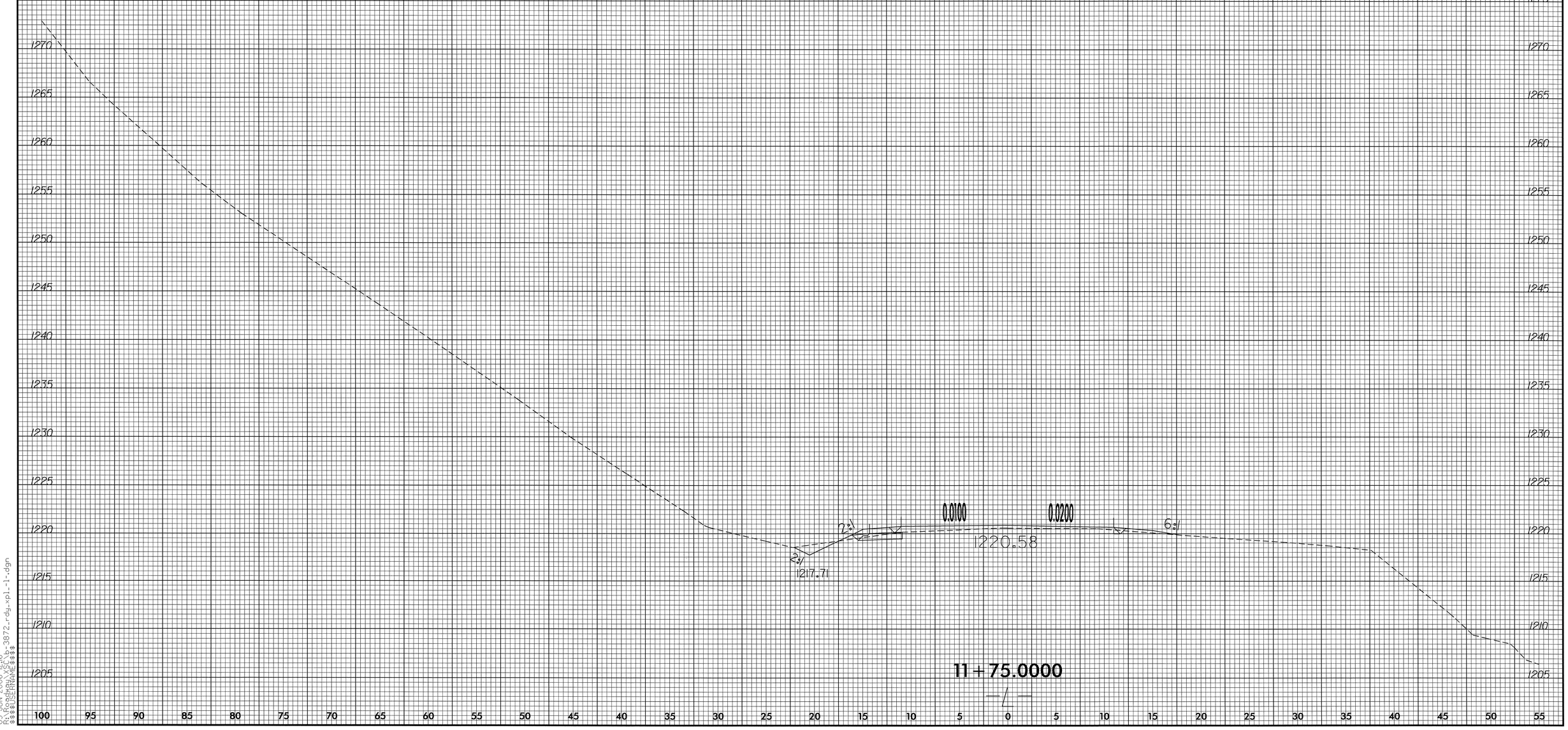
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	8

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1275 1270 1265 1260 1255 1250 1245 1240 1235 1230 1225 1220 1215 1210 1205



11+75.0000

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	9

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1275 1270 1265 1260 1255 1250 1245 1240 1235 1230 1225 1220 1215 1210 1205 1200 1195

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

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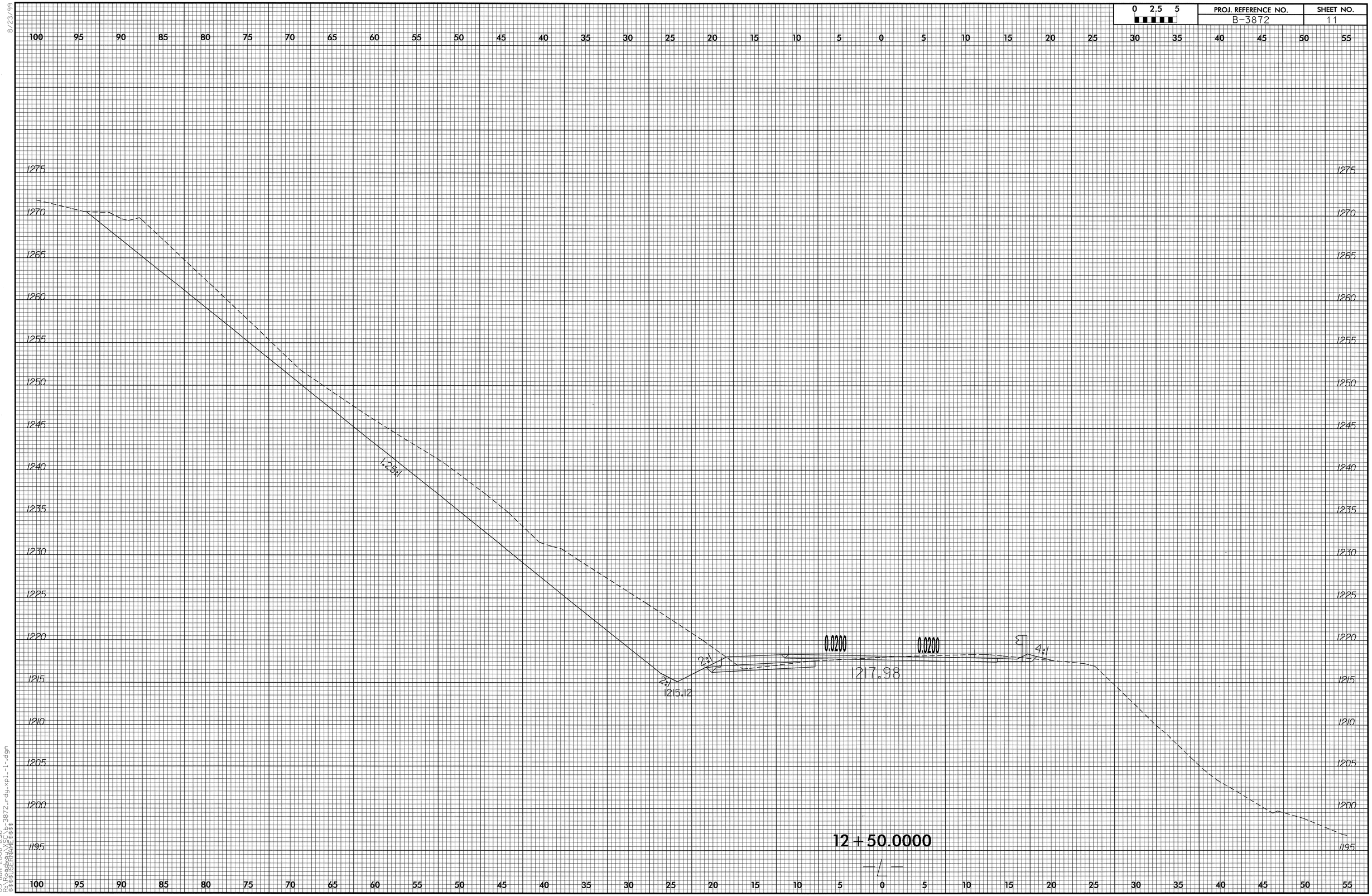
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	11



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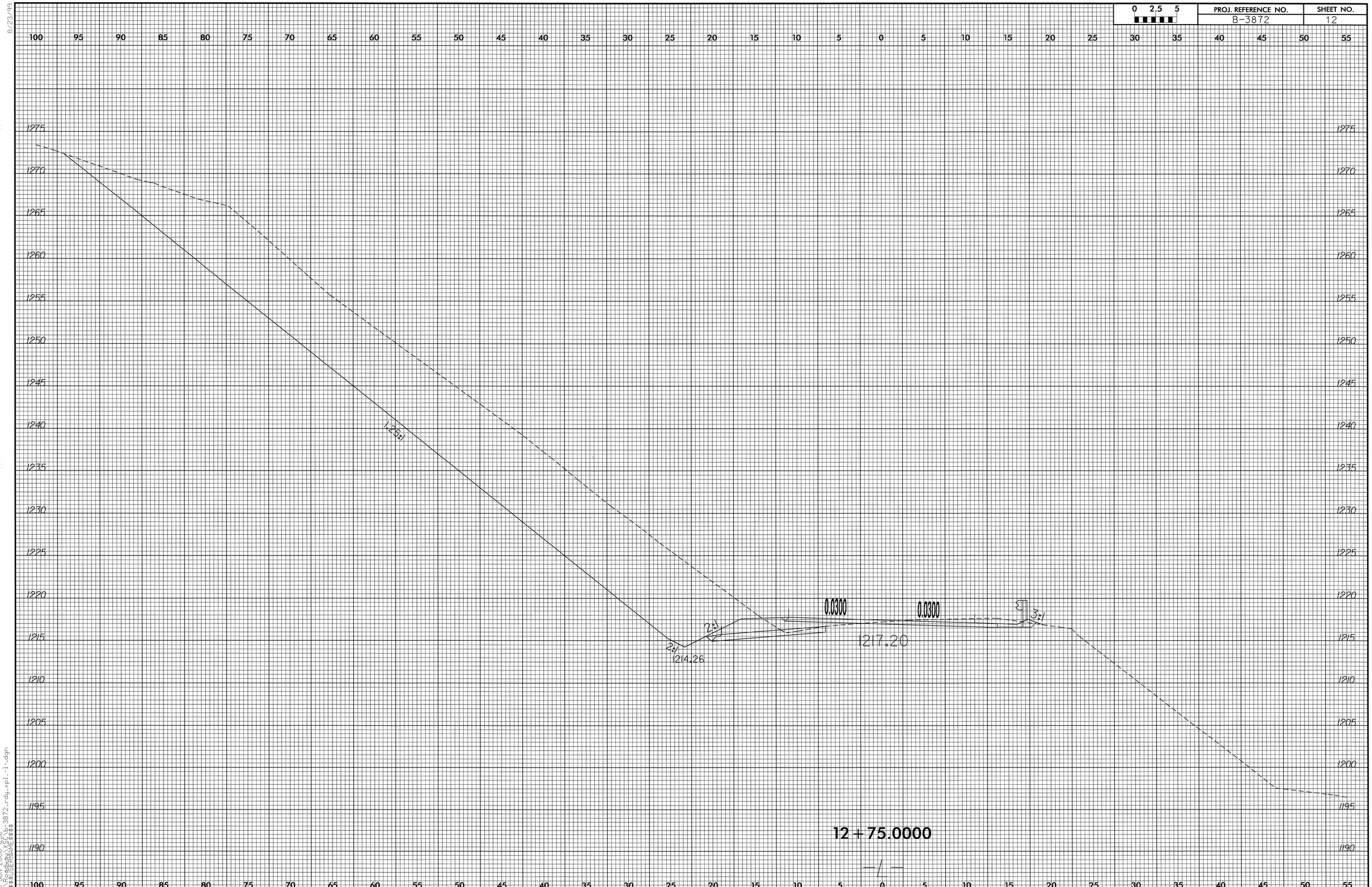

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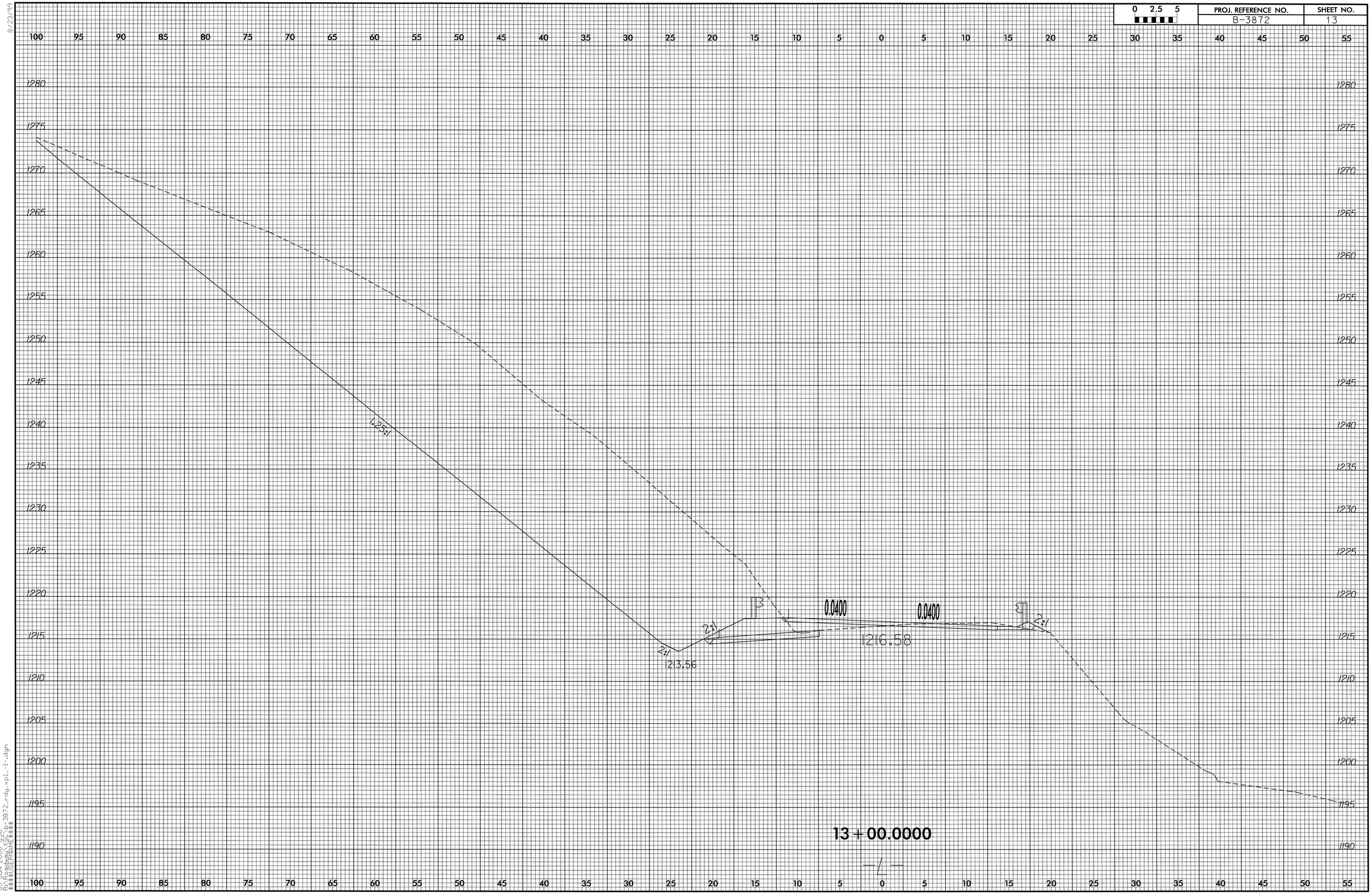
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	13



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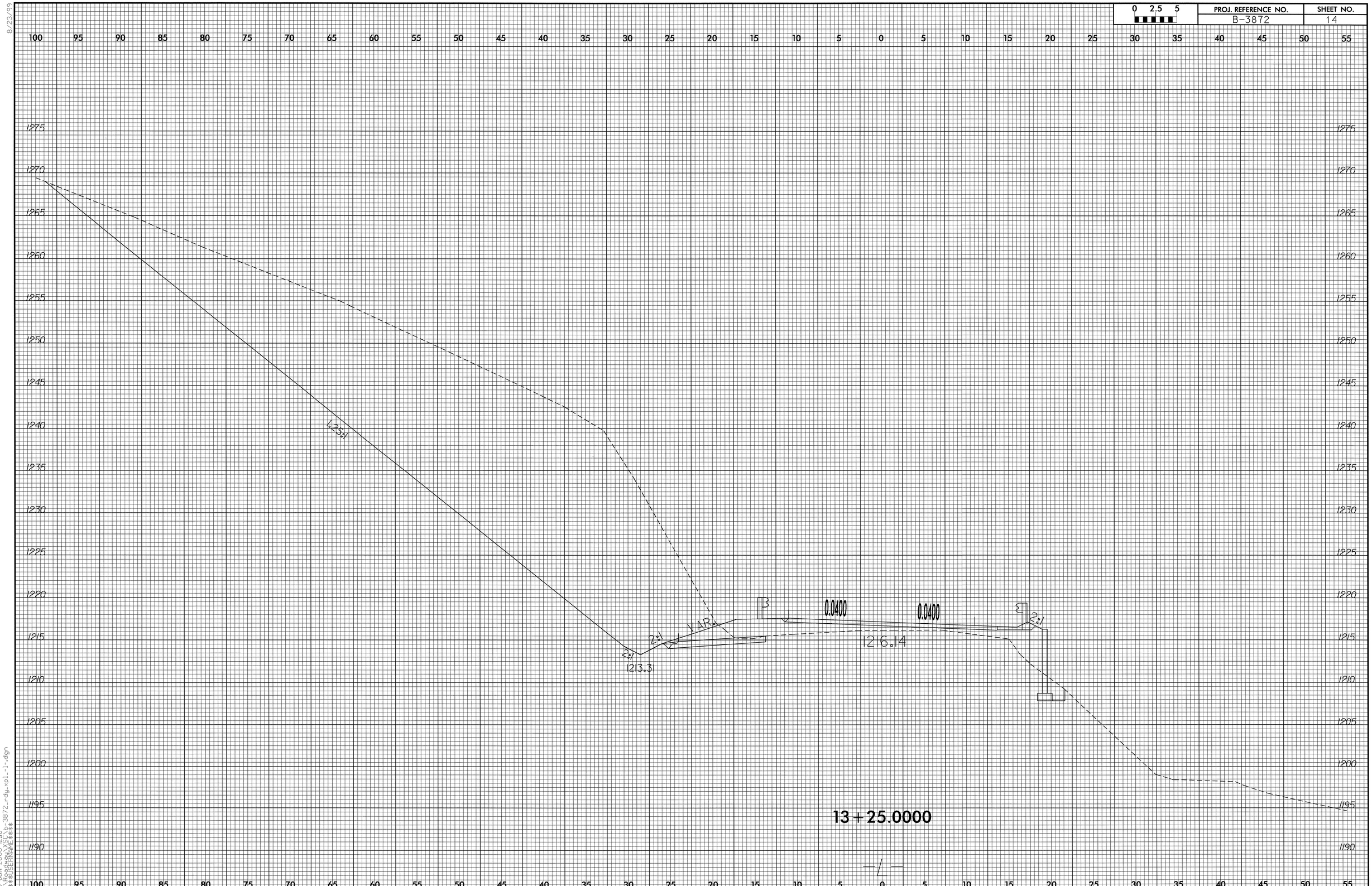
PROJ. REFERENCE NO.	SHEET NO.
B-3872	14



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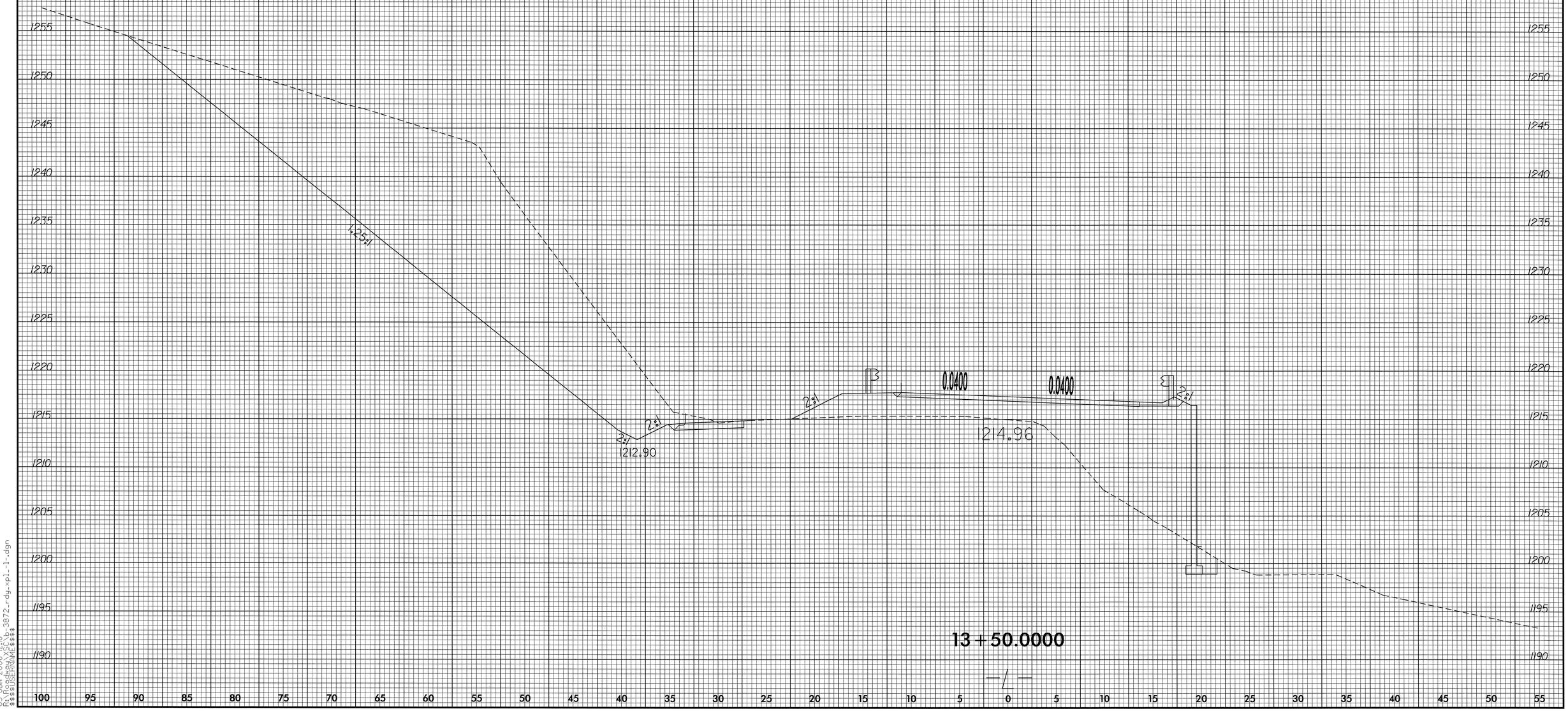
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	15

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1265
1260
1255
1250
1245
1240
1235
1230
1225
1220
1215
1210
1205
1200
1195
1190



13 + 50.0000

—/—

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	16

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1225
1220
1215
1210
1205
1200
1195
1190
1235
1230
1225
1220
1215
1210
1205
1200
1195
1190

0.0400 0.0400

1197.89

14+00.0000

0.0400 0.0400

2:1 2:1

212.40

1206.62

13+75.0000

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

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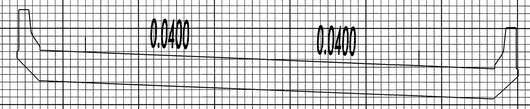
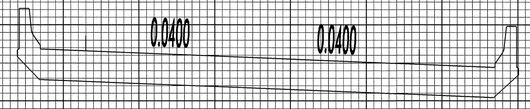
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	17

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1225
1220
1215
1210
1205
1200
1195
1190



200.07
14+50.0000



195.26
14+25.0000

—/—

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	18

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1230 1225 1220 1215 1210 1205 1200 1195

0.0400 0.0400

2%

2%

1212.62

15+00.0000

0.0400 0.0400

1204.68

14+75.0000

—/—

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1230 1225 1220 1215 1210 1205 1200 1195

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R:\Roadway\XSC\b-3872_rdy_xpl-1.dgn
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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	19

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R:\Roadway\SC_b-3872_rdy_xpl_1.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	20

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1250
1245
1240
1235
1230
1225
1220
1215
1210
1205
1200
1195

1.23%

2%

2%

.0208

2%

0.0260

0.0260

2%

1216.02

218.08

15+50.0000

—/—

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R:\Roadway\SC_b-3872_rdy_xpl_1.dgn
$$$$USERNAME$$$$

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05-JUN-2006 12:16
R:\Roadway\XSC\b-3872_rdy_xpl_1-1.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	22

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1265
1260
1255
1250
1245
1240
1235
1230
1225
1220
1215
1210
1205
1200

1.25%

2%

2%

1217.74

0.0060

0.0060

1220.16

2%

16+00.0000

—/—

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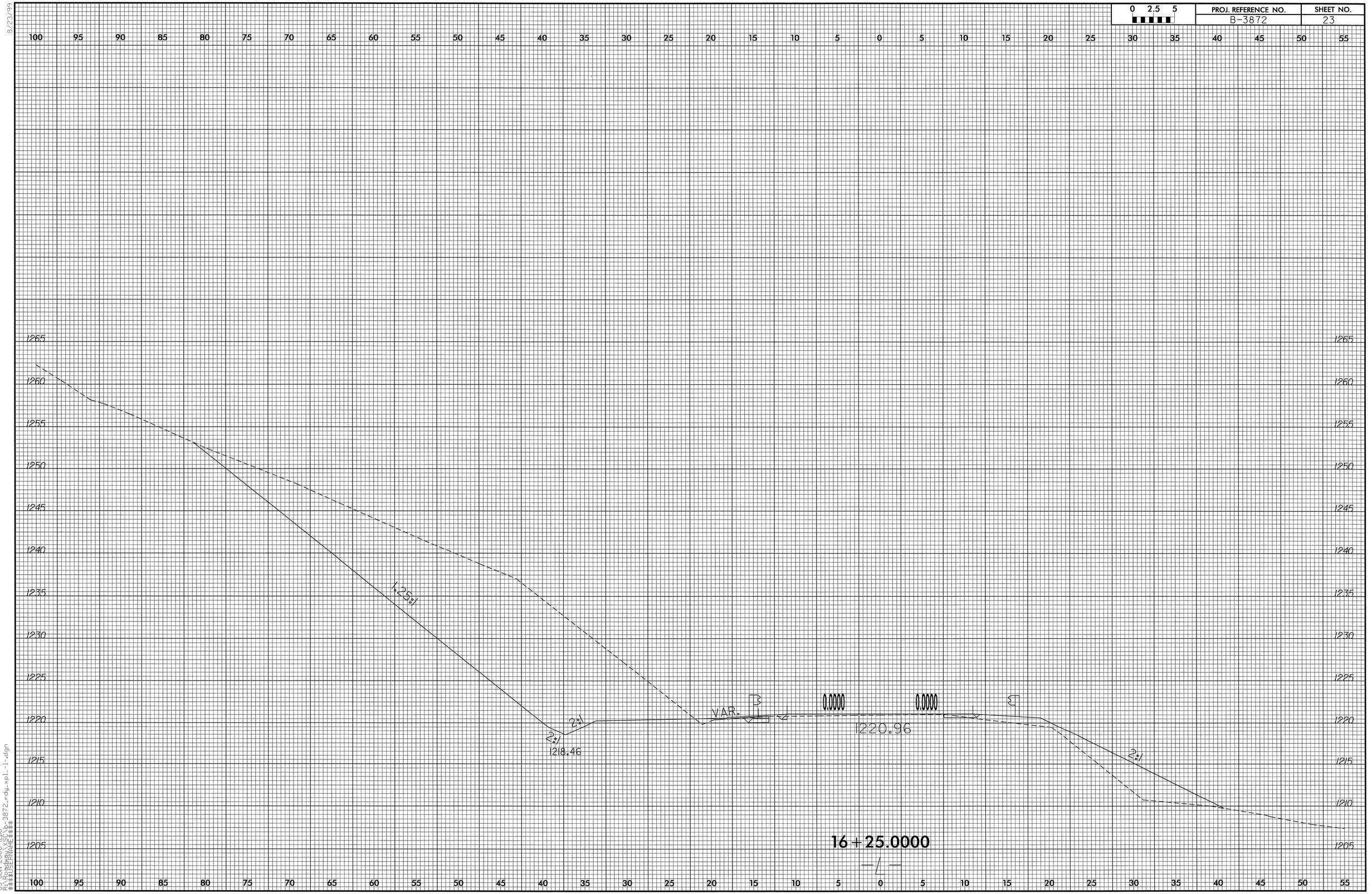
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	23



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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	24

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1260
1255
1250
1245
1240
1235
1230
1225
1220
1215
1210
1205

16+50.0000

—/—

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8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	25

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1250 1245 1240 1235 1230 1225 1220 1215 1210 1205

4:1

1222.87

2:1

17+00.0000

1250 1245 1240 1235 1230 1225 1220 1215 1210 1205

4:1

1222.37

2:1

16+75.0000

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	26

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1240 1235 1230 1225 1220 1215 1210

VAR

1222.05

1223.68

VAR

17+50.0000

1245 1240 1235 1230 1225 1220 1215 1210 1205

4.0%

1222.43

1223.36

VAR

17+25.0000

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-3872	27

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

1235
1230
1225
1220
1240
1235
1230
1225
1220
1215

1223.86
18+00.0000

VAR.
1222.66
1223.78
VAR.

17+75.0000

—/—

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

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