PROJ. REFERENCE NO.	SHEET NO.
U-4010	X-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

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".

Station L (lt.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.000	0	0
10+50.000	12	3
11+00.000	5	3
11+50.000	0	0
12+00.000	60	0
12+50.000	192	0
13+00.000	225	0
13+50.000	180	0
14+00.000	153	0
14+50.000	115	0
15+00.000	69	0

Station L (lt.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
15+00.000	0	0
15+50.000	58	2
16+00.000	69	3
16+50.000	56	6
17+00.000	47	13
17+50.000	60	13
18+00.000	73	8
18+50.000	69	10
19+00.000	66	12
19+50.000	34	8
20+00.000	8	9

Station L (lt.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
20+00.000	0	0
20+50.000	42	11
21+00.000	46	27
21+50.000	18	37
22+00.000	27	25
22+50.000	25	21
23+00.000	14	36
23+50.000	9	61
24+00.000	9	53

Station L (lt.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
24+00.000	0	0
24+50.000	8	18
25+00.000	8	2
25+50.000	14	9
26+00.000	12	29
26+50.000	16	25
27+00.000	20	12
27+50.000	13	33
28+00.000	13	35
28+50.000	16	15

Station L (lt.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
29+00.000	16	7
29+70.000	17	2
30+00.000	4	0

Station L (rt.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.000	0	0
10+50.000	11	45
11+00.000	11	61
11+50.000	11	40
12+00.000	9	34
12+50.000	9	17
13+00.000	9	12
13+50.000	10	9
14+00.000	10	10
14+50.000	14	6
15+00.000	16	2
15+50.000	12	2
16+00.000	11	2
16+50.000	12	2
17+00.000	11	3
17+50.000	18	3
18+00.000	25	0
18+50.000	34	0
19+00.000	46	0
19+50.000	24	0

Station L (rt.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
19+50.000	0	0
20+00.000	0	0
20+50.000	6	2
21+00.000	13	3
21+50.000	12	2
22+00.000	11	5
22+50.000	11	6
23+00.000	11	4
23+50.000	4	2

Station L (rt.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
23+50.00	0	0
24+00.000	4	13
24+50.000	8	23
25+00.000	12	11
25+50.000	12	5
26+00.000	9	7
26+50.000	11	5
27+00.000	10	11
27+50.000	9	18

Station L (rt.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
28+00.000	9	22
28+50.000	9	19
29+00.000	10	9
29+70.000	17	2
30+00.000	4	0

Station Rpd	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.000	0	0
10+10.000	3	1
10+20.000	6	3
10+30.000	7	3
10+40.000	9	3
10+50.000	11	4
10+60.000	13	4
10+70.000	16	4
10+80.000	21	3
10+90.000	12	1

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.000	0	0
11+00.000	46	8
11+50.000	42	11
11+80.000	20	2

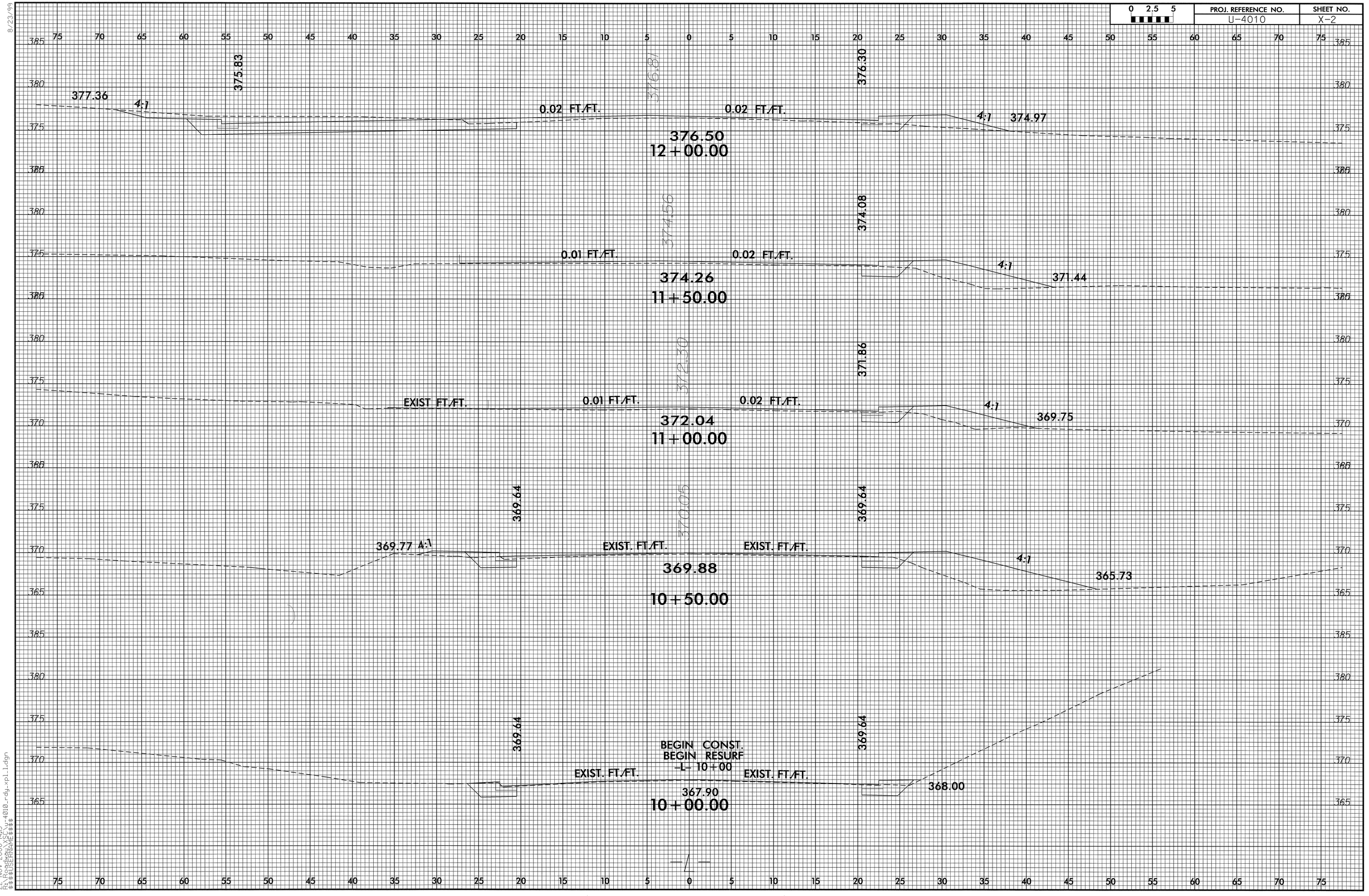
Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.000	0	0
10+50.000	5	9
11+00.000	9	15
11+50.000	18	12
12+00.000	59	6

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+50.000	0	0
14+00.000	19	60
14+50.000	22	66
15+00.000	9	26

Station Y2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.000	0	0
11+00.000	0	124
11+50.000	3	107
12+00.000	10	70

Station Y2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
12+50.000	17	50
13+00.000	22	40
13+50.000	17	31
14+00.000	9	61
14+50.000	11	96
15+00.000	8	48
15+10.000	0	0
15+20.000	0	0

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4010	X-2



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	U-4010	X-3

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

400 395 390 385 380 375 370

387.36 | 388.05 | 387.36

4:1 0.02 FT./FT. 0.02 FT./FT. 4:1 388.97

387.45
14+50.00

385.10 | 385.82 | 385.17

4:1 0.02 FT./FT. 0.02 FT./FT. 384.61 4:1

385.30
14+00.00

382.82 | 383.57 | 382.95

RET. WALL 0.02 FT./FT. 0.02 FT./FT. 4:1 382.70

383.12
13+50.00

380.74 | 381.52

4:1 0.02 FT./FT. 0.02 FT./FT. 4:1

380.96
13+00.00

378.24 | 379.06 | 378.52

RET. WALL 0.02 FT./FT. 0.02 FT./FT. 4:1 377.48

378.75
12+50.00

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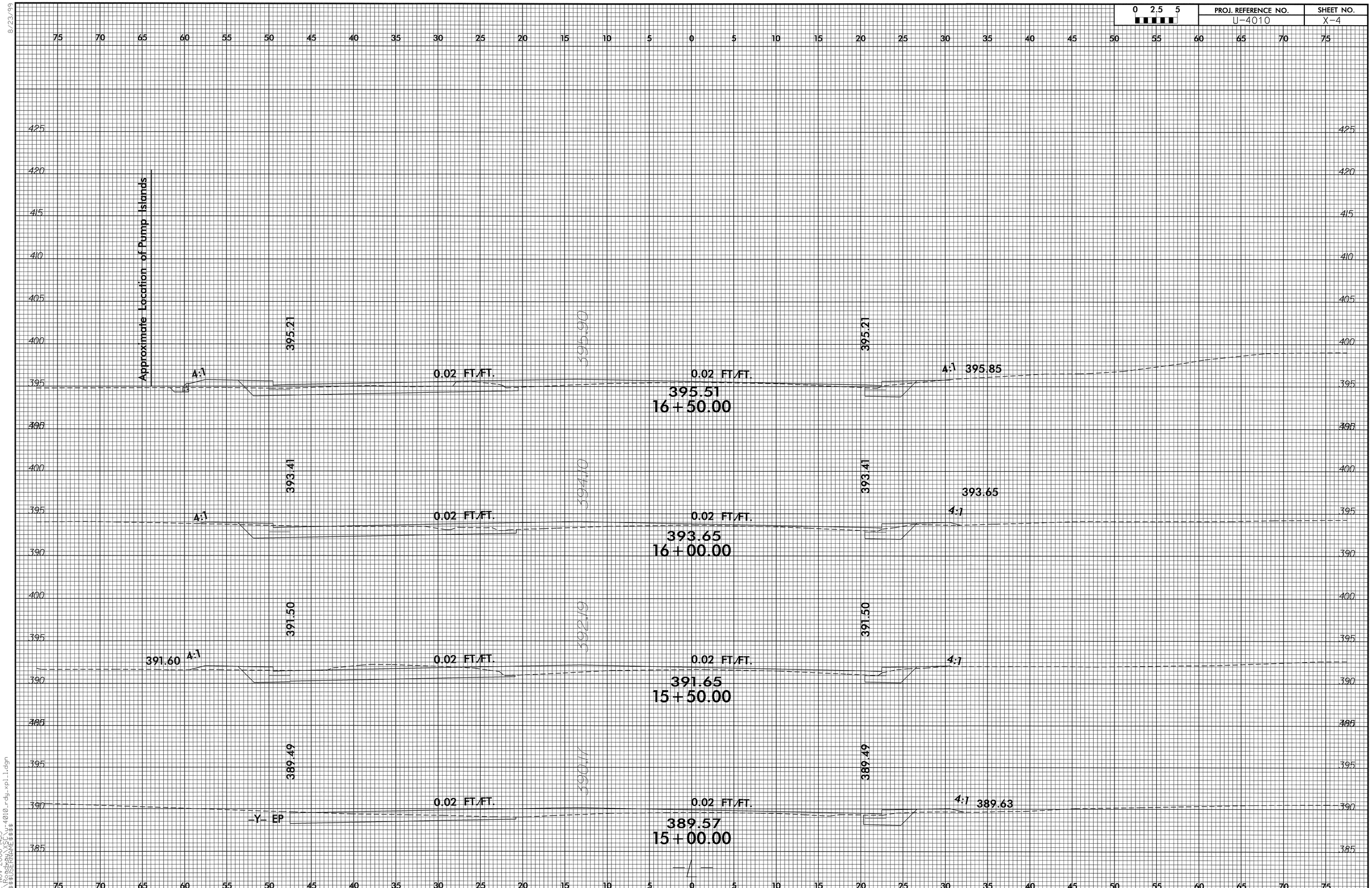

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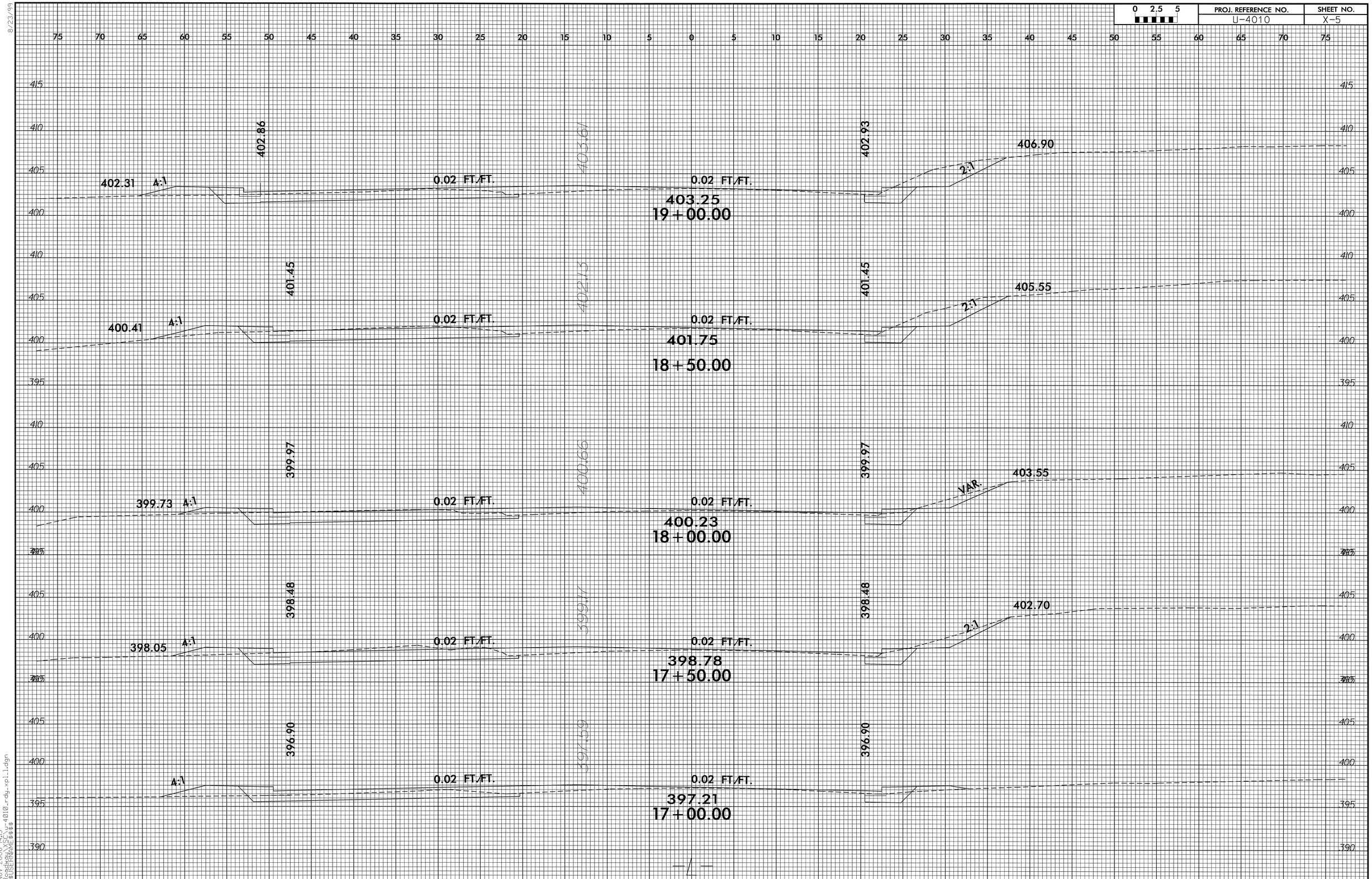
PROJ. REFERENCE NO.
U-4010
SHEET NO.
X-4
Approximate Location of Pump Islands
395.21
395.90
395.21
4:1
0.02 FT/FT.
0.02 FT/FT.
4:1
395.85
395.51
16+50.00
393.41
394.10
393.41
393.65
4:1
0.02 FT/FT.
0.02 FT/FT.
4:1
393.65
16+00.00
391.50
392.19
391.50
391.60
4:1
0.02 FT/FT.
0.02 FT/FT.
4:1
391.65
15+50.00
389.49
390.17
389.49
0.02 FT/FT.
0.02 FT/FT.
4:1
389.63
-Y- EP
389.57
15+00.00
-L-



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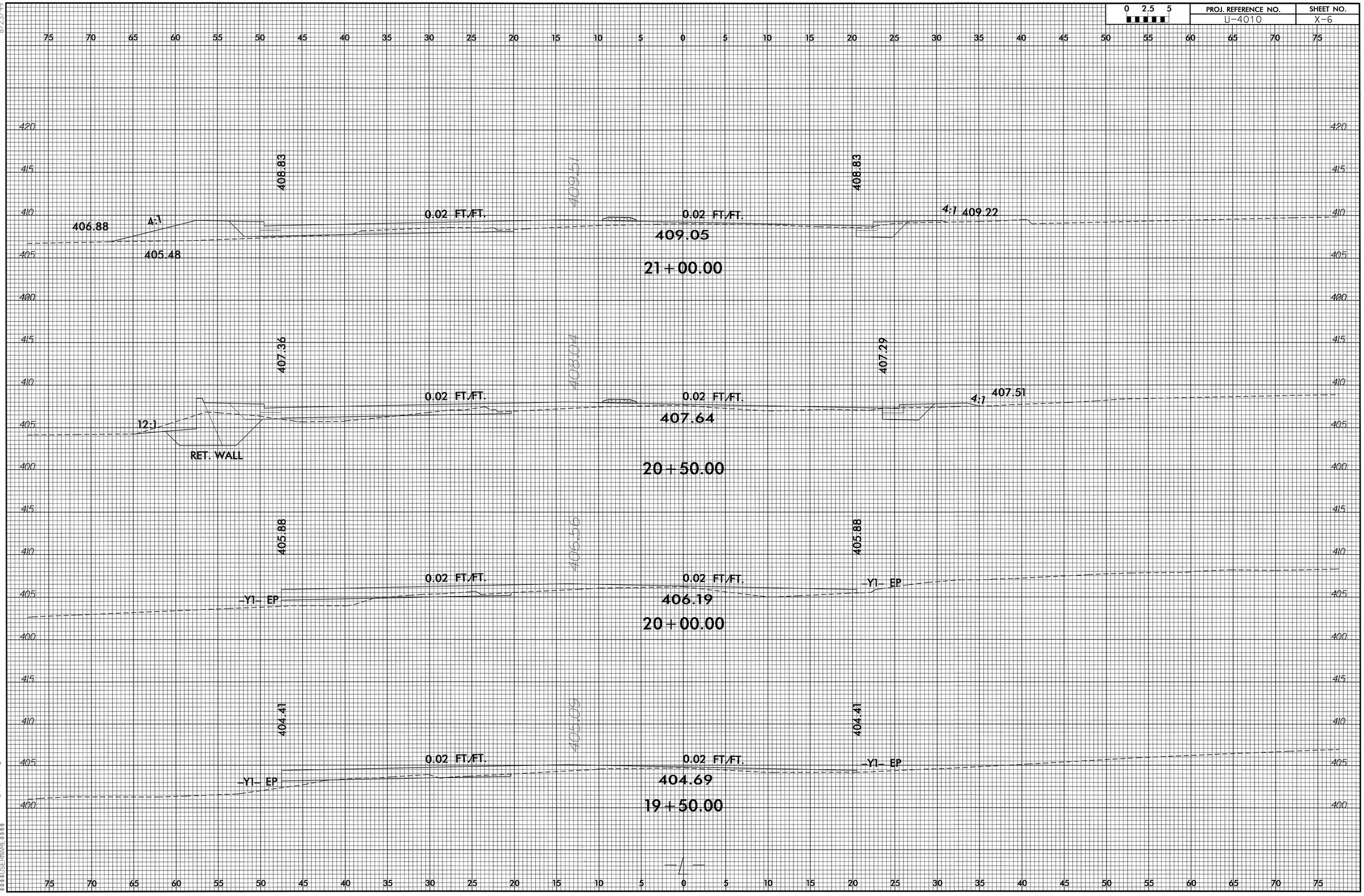

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PROJ. REFERENCE NO.
U-4010
SHEET NO.
X-6
8/23/99
408.83
409.51
408.83
406.88
4:1
0.02 FT/FT.
0.02 FT/FT.
4:1 409.22
409.05
405.48
21+00.00
407.36
408.04
407.29
0.02 FT/FT.
0.02 FT/FT.
4:1 407.51
12:1
407.64
RET. WALL
20+50.00
405.88
406.56
405.88
0.02 FT/FT.
0.02 FT/FT.
-Y1- EP
-Y1- EP
406.19
20+00.00
404.41
405.09
404.41
0.02 FT/FT.
0.02 FT/FT.
-Y1- EP
-Y1- EP
404.69
19+50.00
-1-
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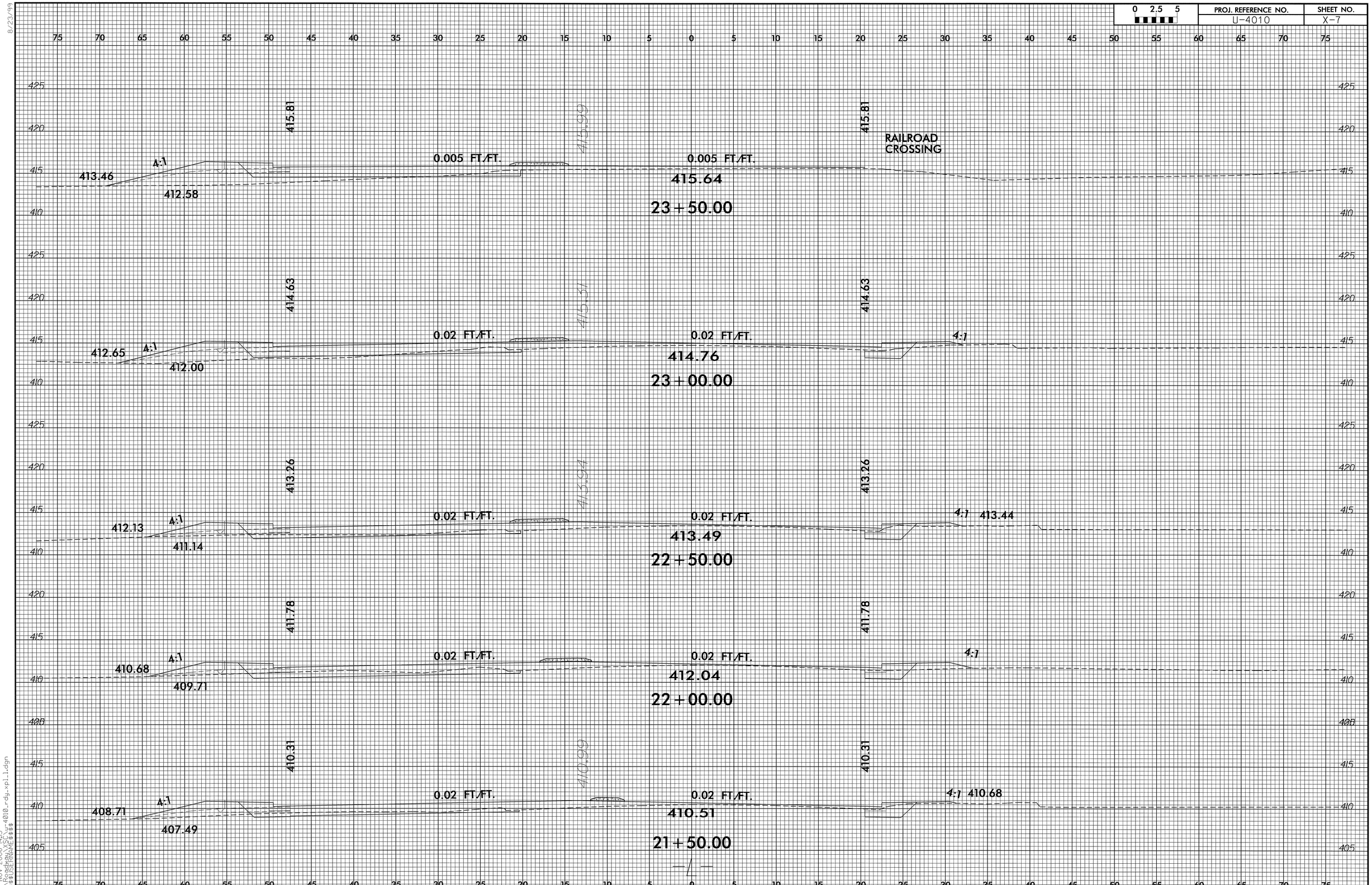
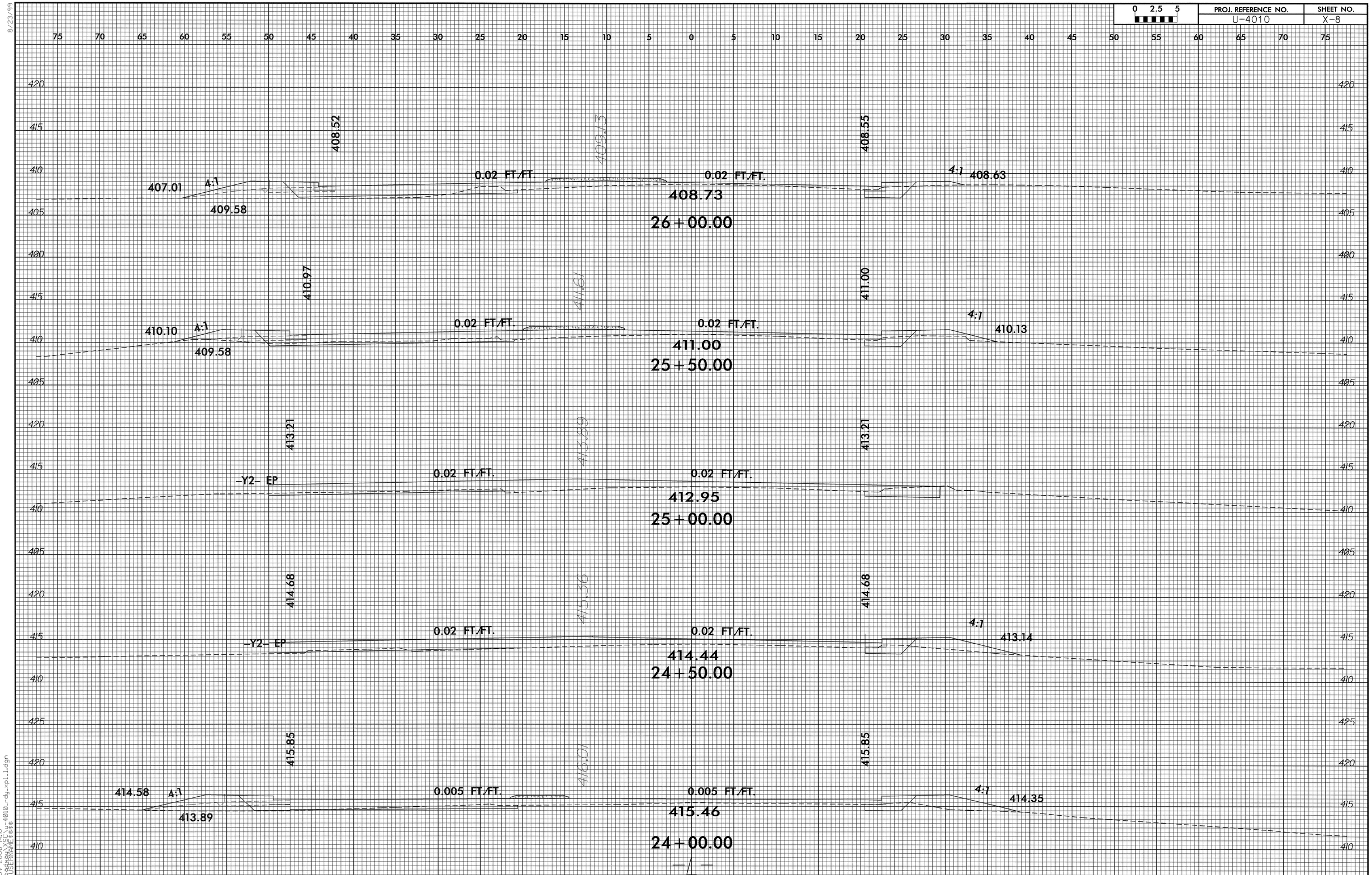
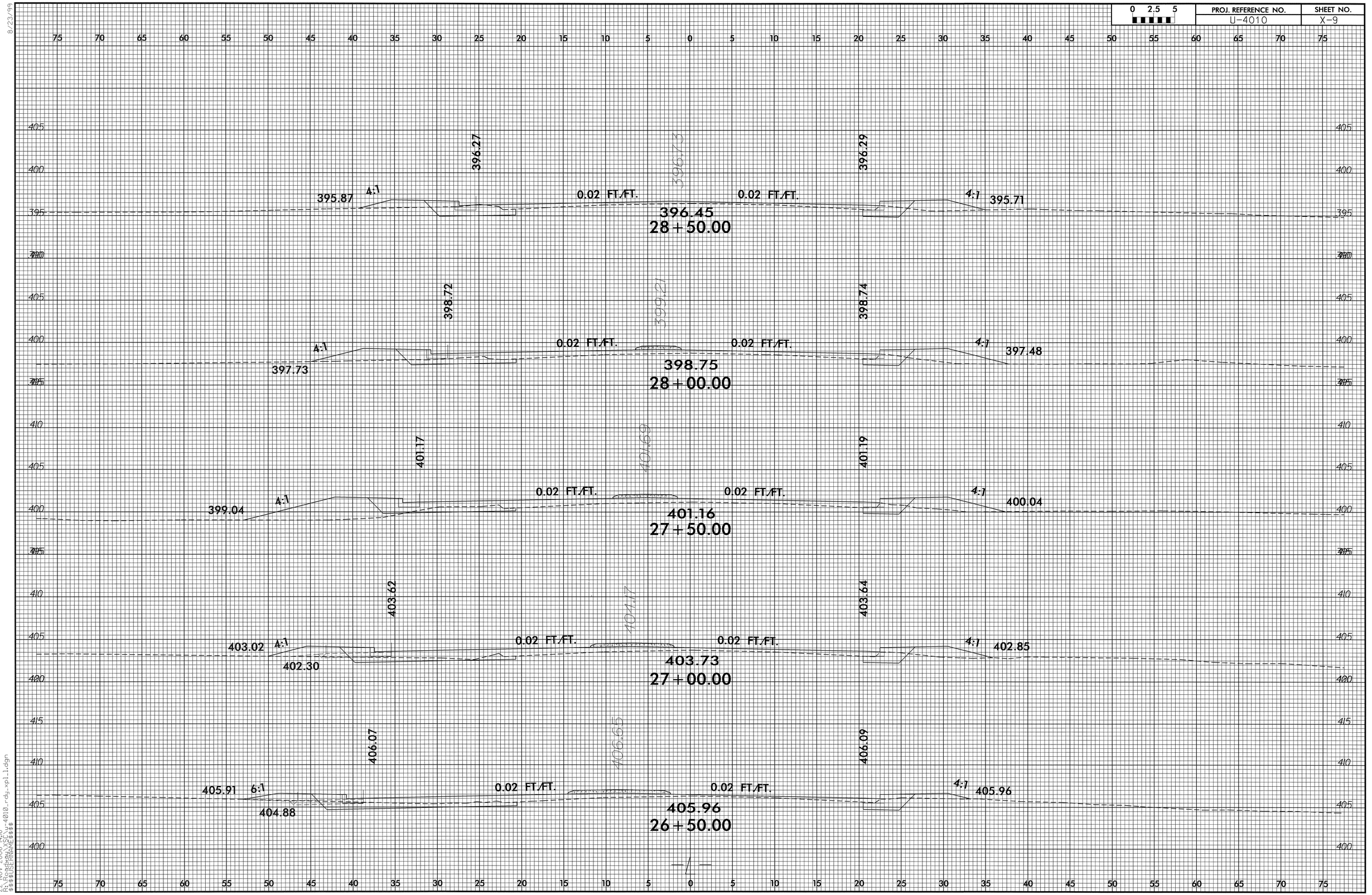


0 2.5 5
PROJ. REFERENCE NO.
U-4010
SHEET NO.
X-7
RAILROAD CROSSING
415.81
415.99
415.81
4:1
413.46
412.58
0.005 FT/FT.
0.005 FT/FT.
415.64
23+50.00
414.63
415.31
414.63
412.65
4:1
412.00
0.02 FT/FT.
0.02 FT/FT.
4:1
414.76
23+00.00
413.26
413.94
413.26
412.13
4:1
411.14
0.02 FT/FT.
0.02 FT/FT.
4:1
413.44
413.49
22+50.00
411.78
411.78
410.68
4:1
409.71
0.02 FT/FT.
0.02 FT/FT.
4:1
412.04
22+00.00
410.31
410.99
410.31
408.71
4:1
407.49
0.02 FT/FT.
0.02 FT/FT.
4:1
410.68
410.51
21+50.00



0 2.5 5
PROJ. REFERENCE NO.
U-4010
SHEET NO.
X-8
408.52
409.13
408.55
407.01
4:1
409.58
0.02 FT./FT.
0.02 FT./FT.
408.73
4:1
408.63
26+00.00
410.97
411.61
411.00
410.10
4:1
409.58
0.02 FT./FT.
0.02 FT./FT.
411.00
4:1
410.13
25+50.00
413.21
413.89
413.21
-Y2- EP
0.02 FT./FT.
0.02 FT./FT.
412.95
25+00.00
414.68
415.36
414.68
-Y2- EP
0.02 FT./FT.
0.02 FT./FT.
414.44
4:1
413.14
24+50.00
415.85
416.01
415.85
414.58
4:1
413.89
0.005 FT./FT.
0.005 FT./FT.
415.46
4:1
414.35
24+00.00
-L-

PROJ. REFERENCE NO.	SHEET NO.
U-4010	X-9



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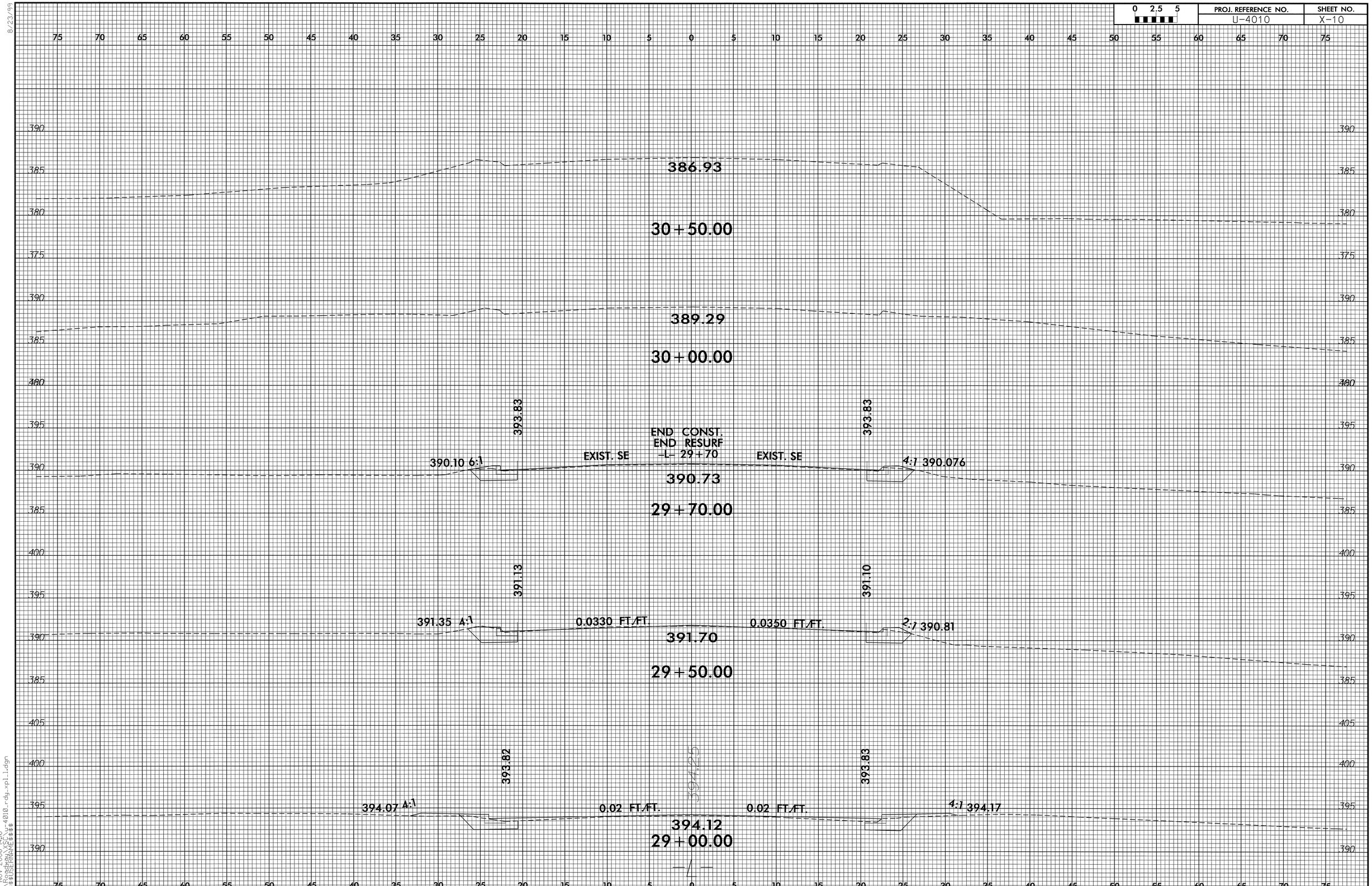

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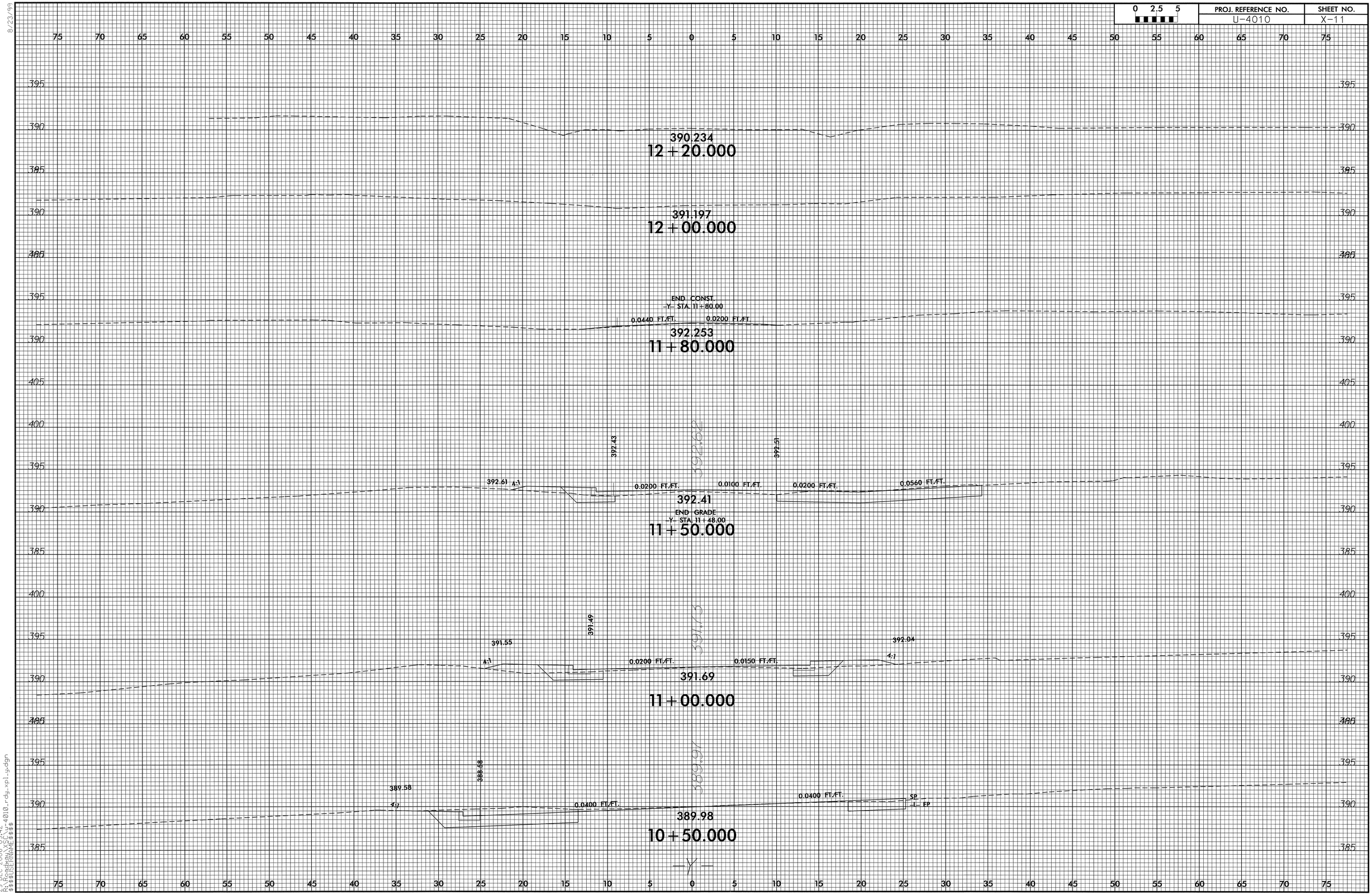

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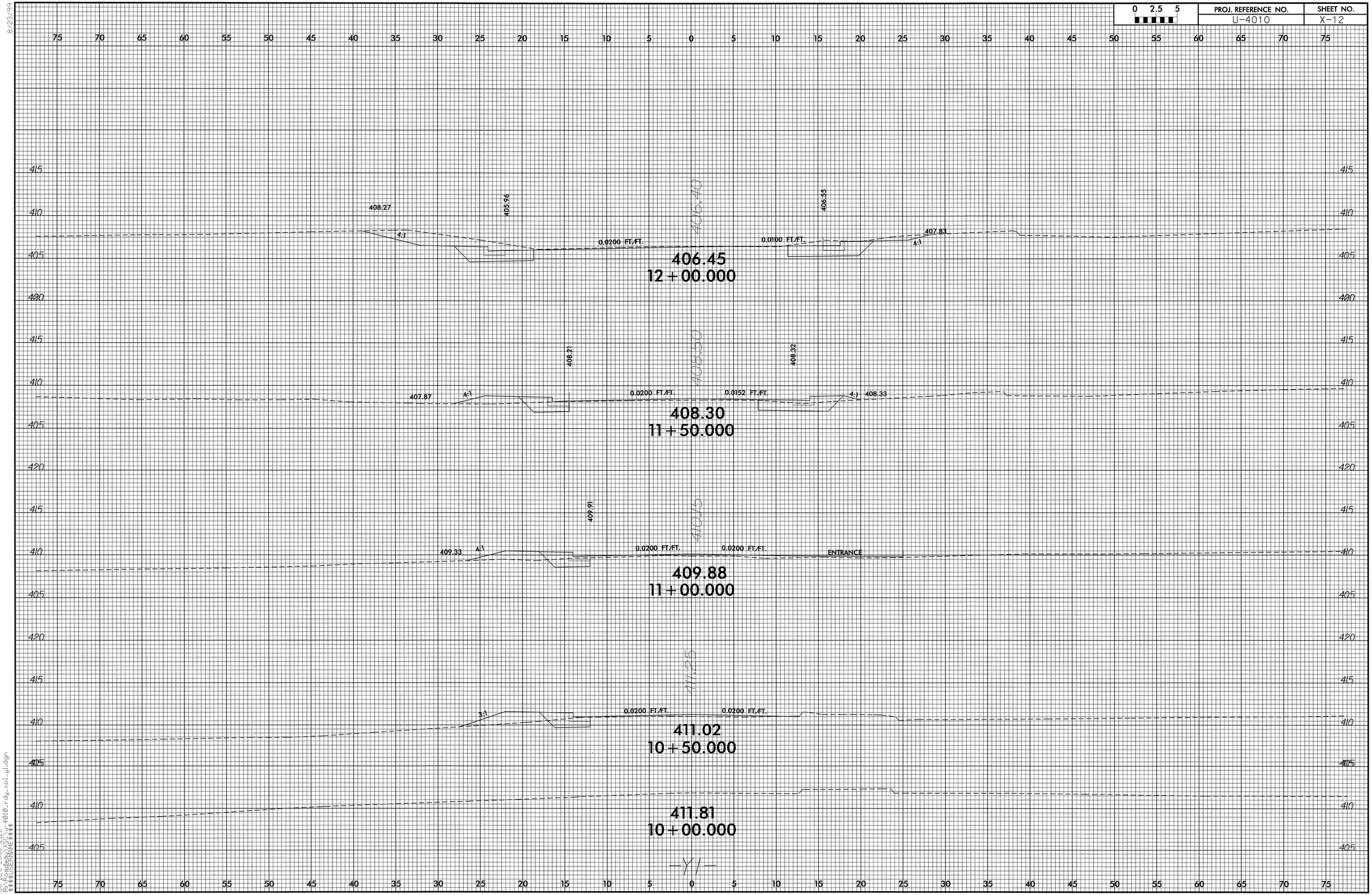
PROJ. REFERENCE NO.	SHEET NO.
U-4010	X-12



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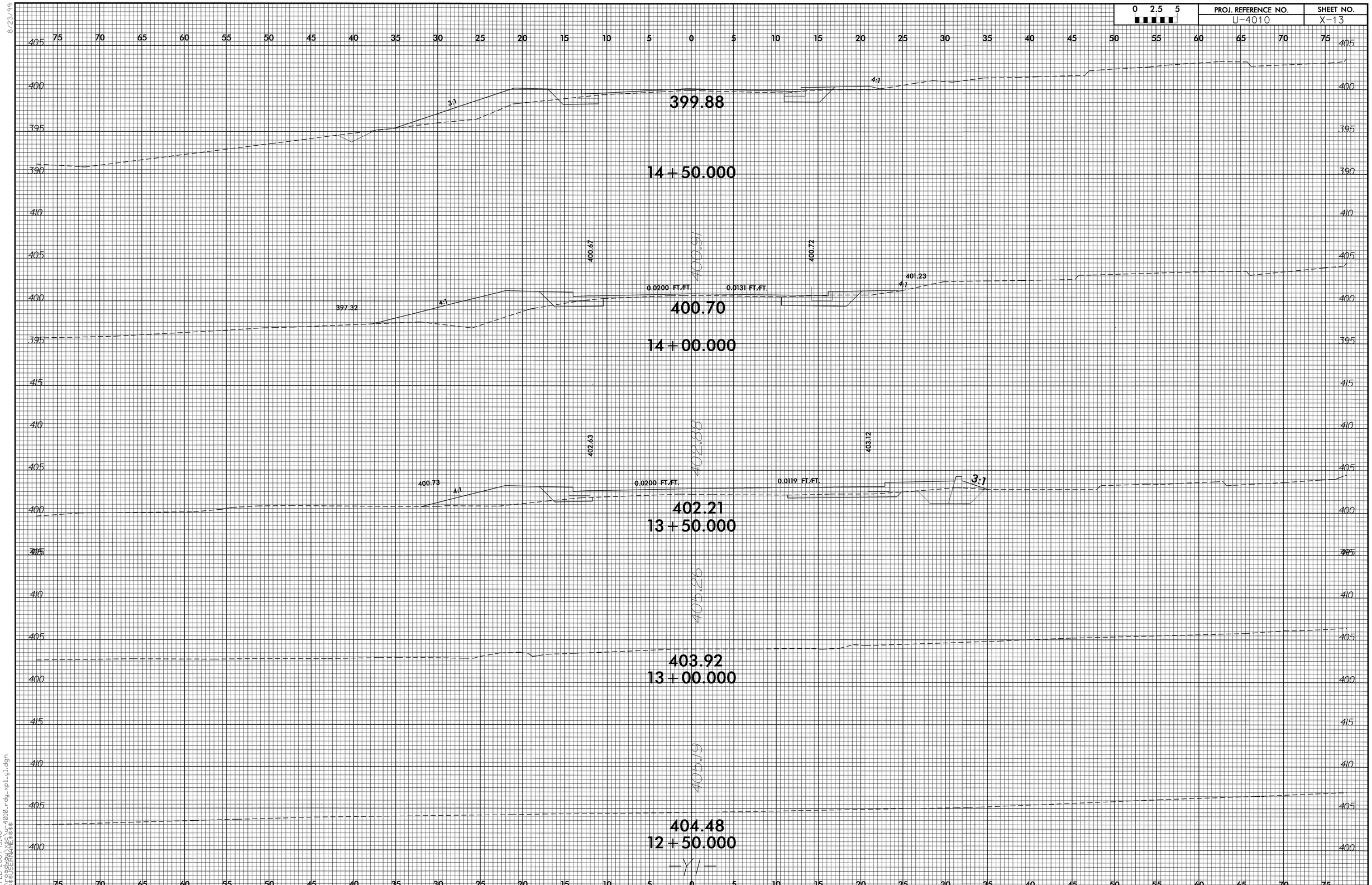

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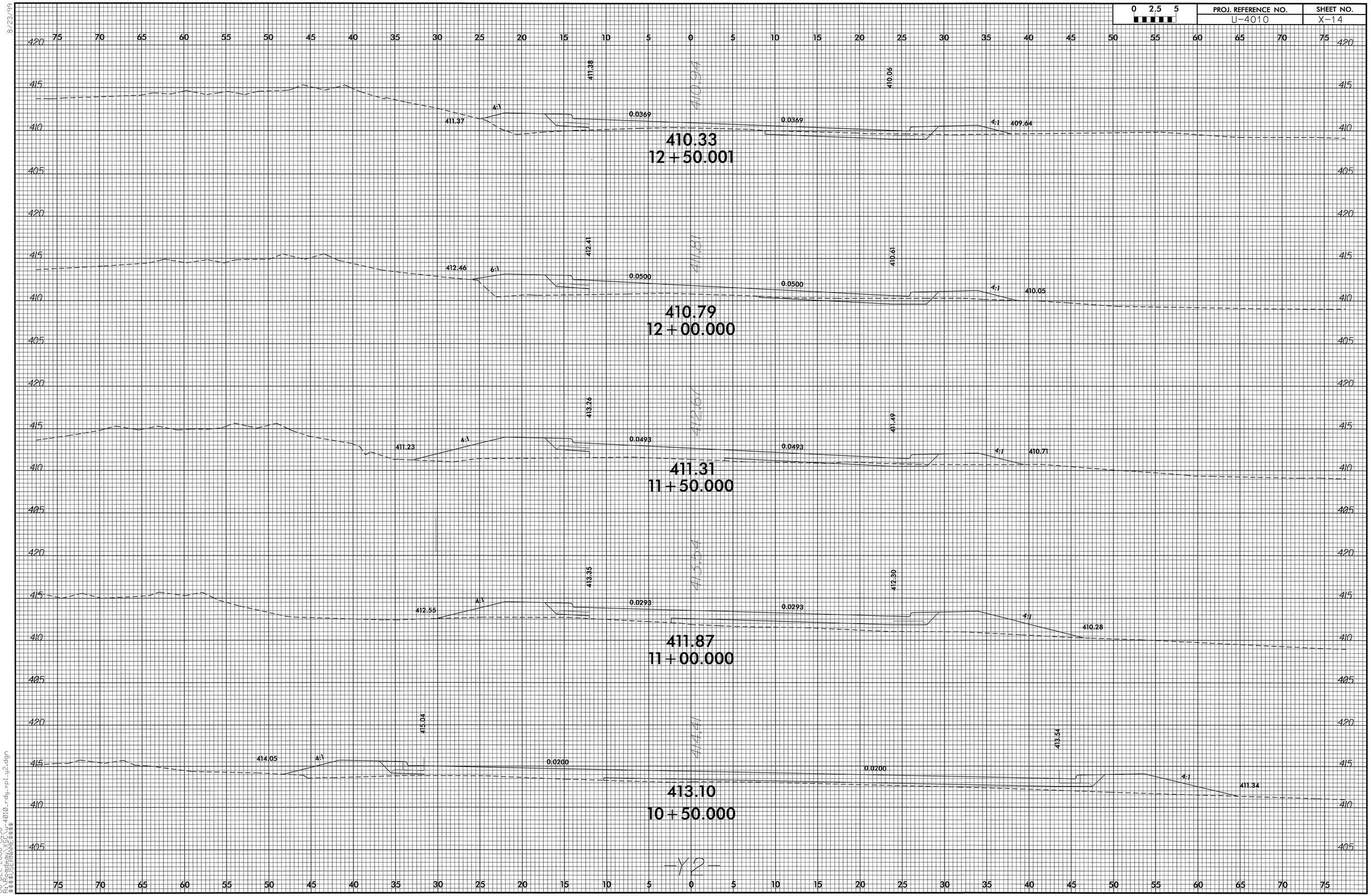

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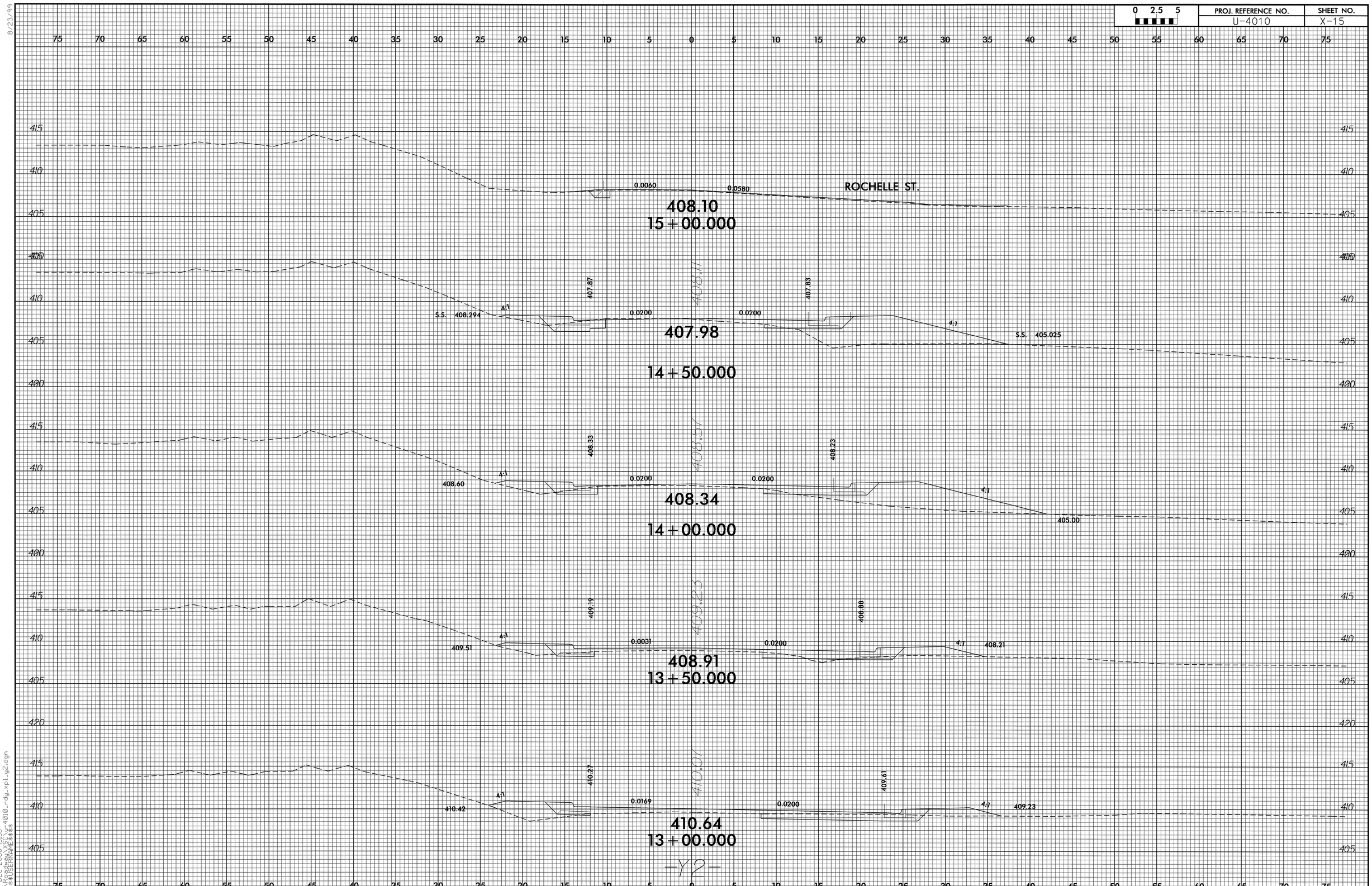
U-4010	X-15



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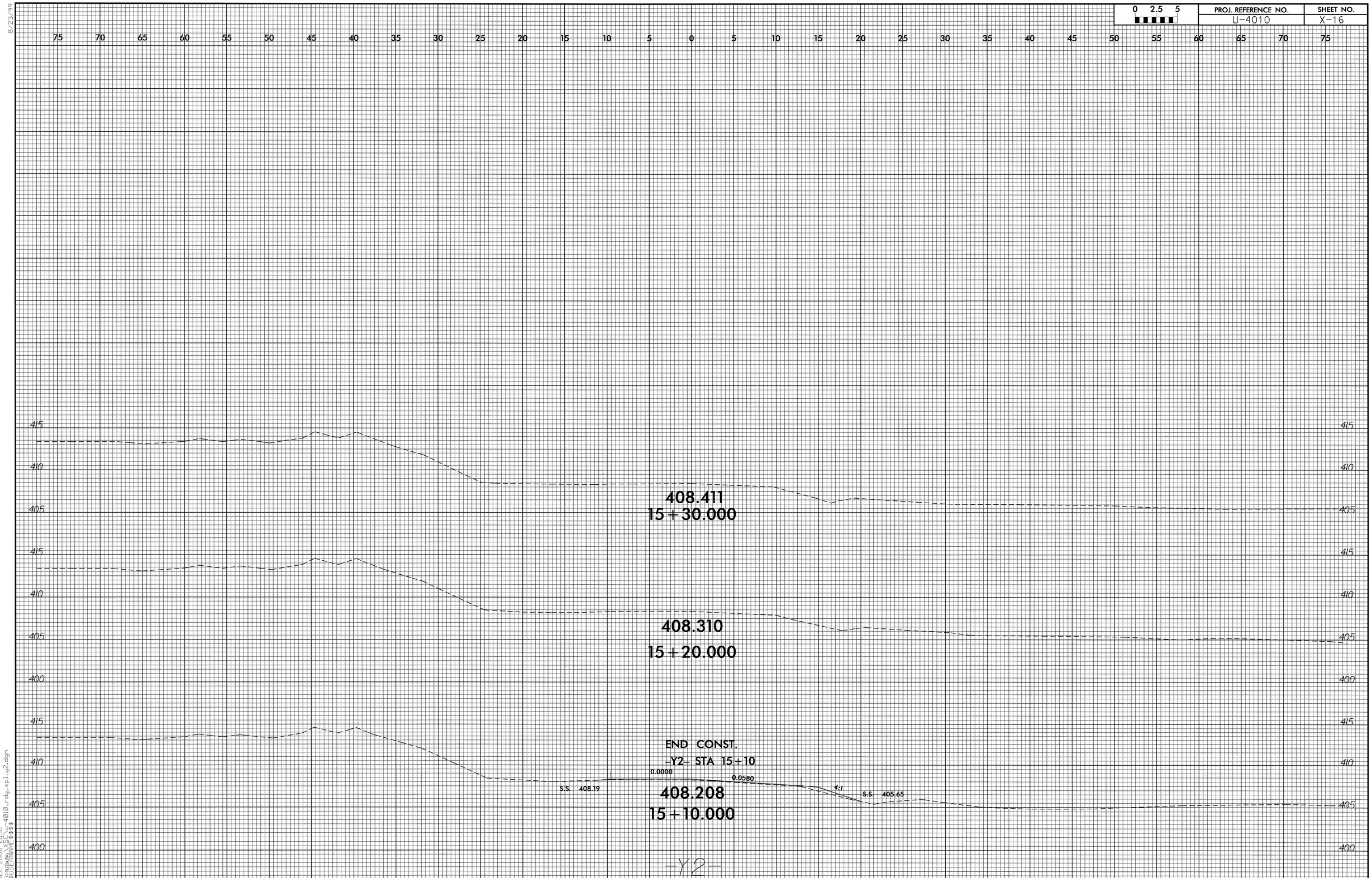

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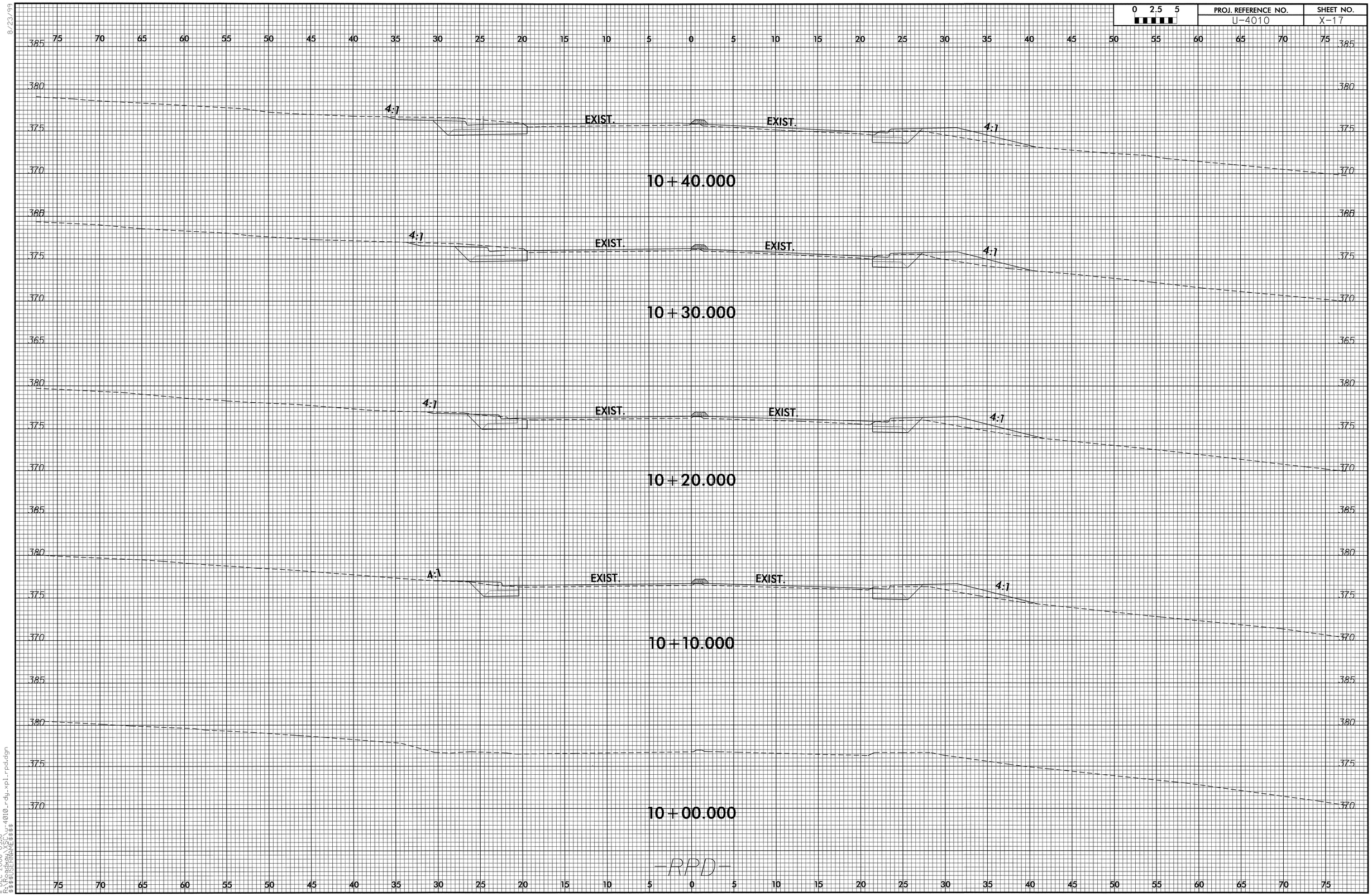
	U-4010	X-17



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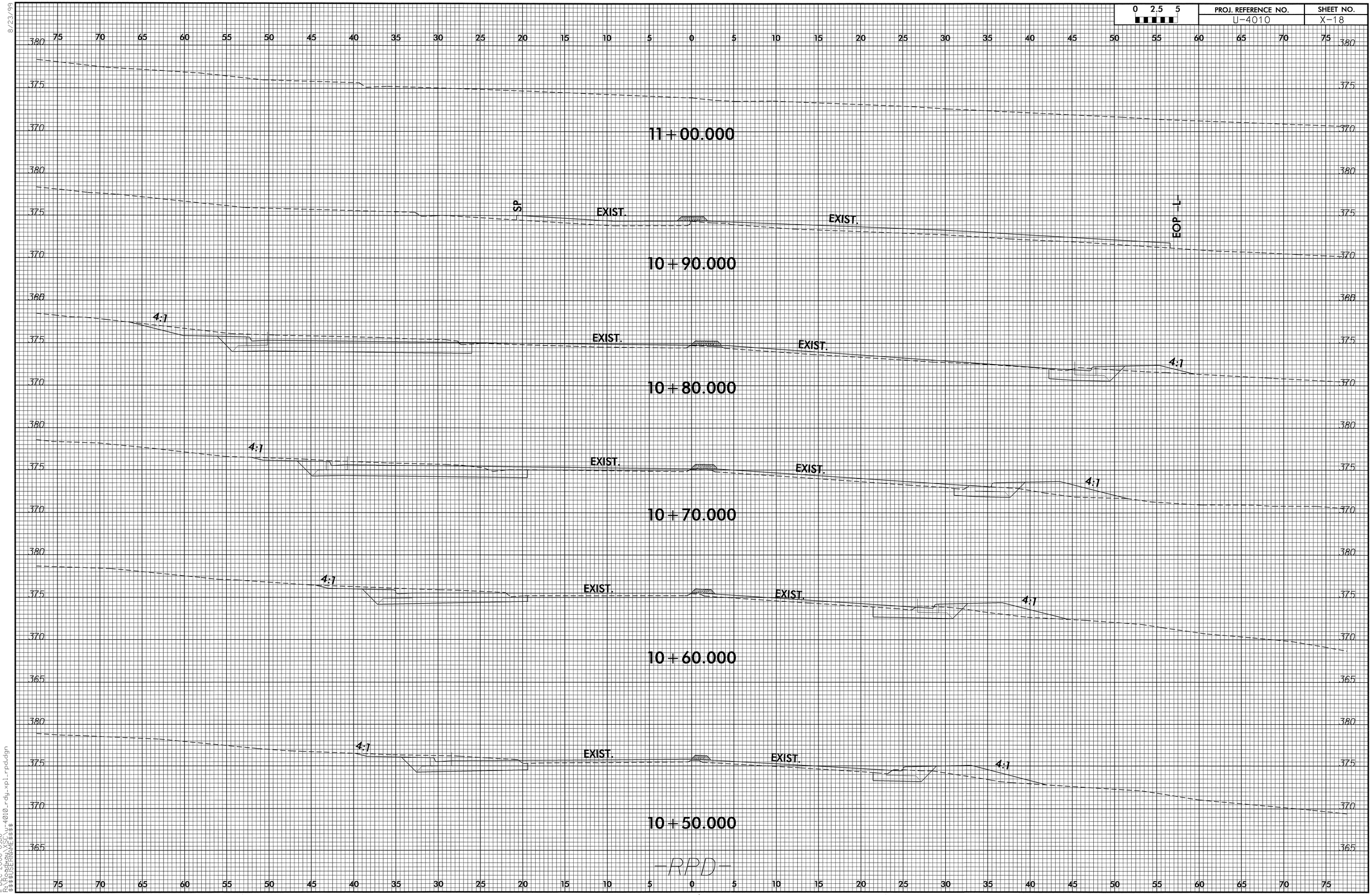

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