RD253051,7/28/2011,R:\Roadway\Doc\xsc_ew_volumes.xls

PROJ. REFERENCE NO.	SHEET NO.
B-4416	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

Earthwork quantities are calculated by the Roadway Design Unit. These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
7+82.73	0	0
8+00.00	9	0
8+50.00	46	0
9+00.00	45	0
9+50.00	30	3
10+00.00	6	8
10+50.00	0	86
11+00.00	0	136
11+15.35	0	35
11+50.00	0	93
12+00.00	0	162
12+50.00	0	190
13+00.00	0	331
13+50.00	0	514
14+00.00	0	678
14+50.00	0	884
15+00.00	0	1089
15+50.00	0	1256
15+95.02	0	1187
16+47.00	0	686

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
17+25.00	0	0
17+65.02	0	439
18+00.00	0	767
18+50.00	0	923
19+00.00	0	649
19+50.00	0	498
20+00.00	0	413
20+50.00	0	341
21+00.00	0	295
21+50.00	0	286
22+00.00	0	279
22+50.00	0	247
23+00.00	0	192
23+50.00	0	138
24+00.00	1	72
24+50.00	9	17
25+00.00	22	3
25+15.00	4	0

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+00.00	0	0
11+33.26	9	1
11+50.00	8	1
12+00.00	23	3
12+50.00	21	10
13+00.00	9	44
13+39.32	0	58

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+50.00	0	20
13+85.13	0	78
13+98.18	0	28

Station Y2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+22.05	0	0
10+50.00	8	33
11+00.00	17	31
11+24.37	11	1
11+50.00	31	0
12+00.00	70	1
12+45.00	21	1

Station Y3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+25.00	0	0
10+50.00	16	0
10+82.30	25	1
11+00.00	14	2
11+24.78	16	4

Station Y4	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+18.97	0	0
10+45.58	1	53
11+00.00	7	78
11+17.52	7	14
11+50.00	15	19
11+89.76	25	10
12+00.00	9	0
12+55.00	22	0

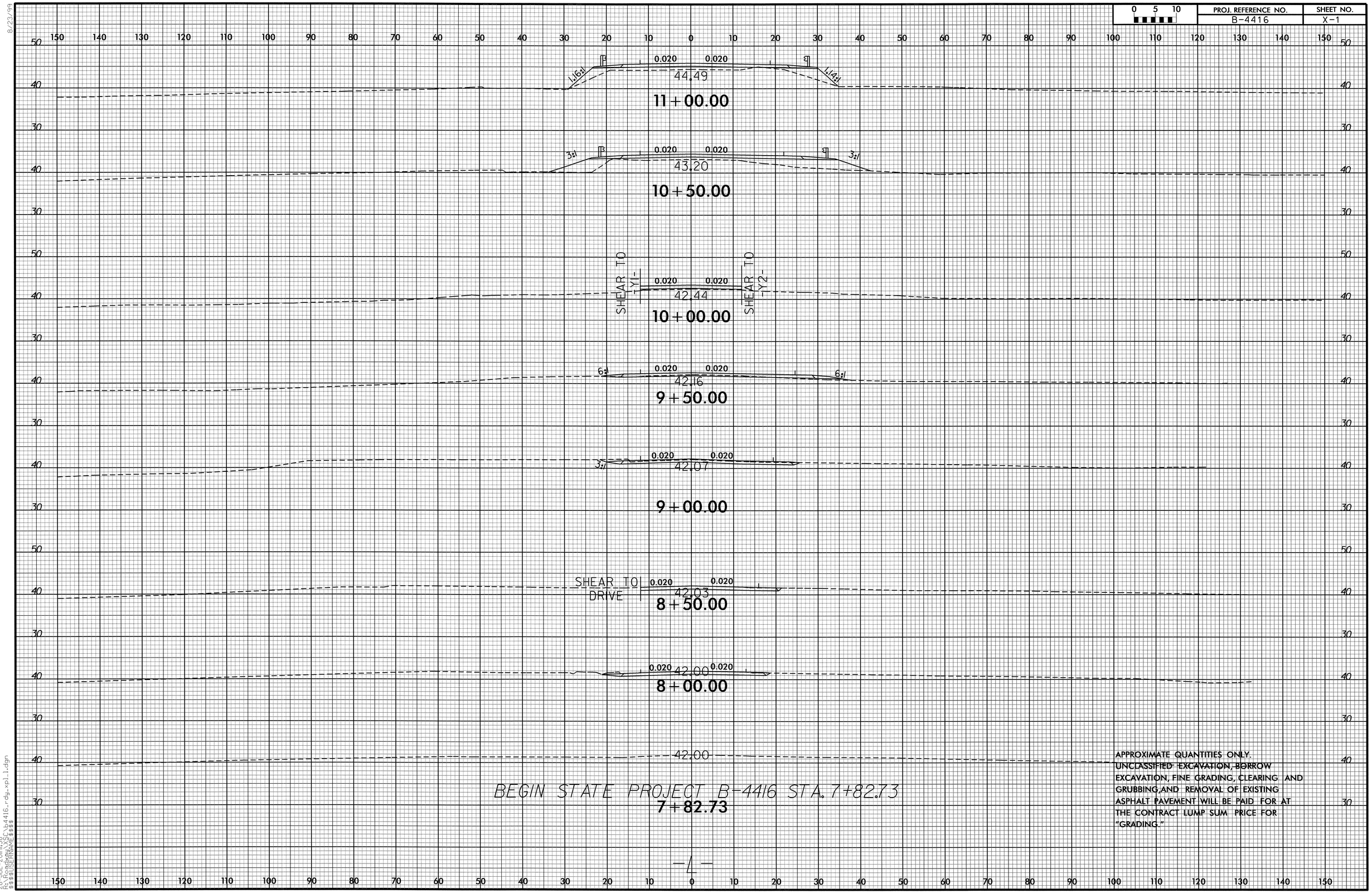
Station Y5	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	0	0
10+50.00	10	1
11+00.00	69	0
11+46.23	109	0

Station Rev_Dr1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	0	0
10+57.71	4	1
11+04.94	8	1
11+50.00	4	8
11+77.50	0	11
12+00.00	0	10

Station Rev_Dr1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
12+34.32	0	9
12+50.00	0	2
12+83.50	1	3

Station Dr2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+11.06	0	0
10+41.49	0	38
11+00.00	4	40
11+50.00	4	7
12+00.00	0	19
12+50.00	0	29
13+00.00	1	22
13+43.34	1	22
13+94.92	0	18

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4416	X-1



APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, CLEARING AND GRUBBING,AND REMOVAL OF EXISTING ASPHALT PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING."

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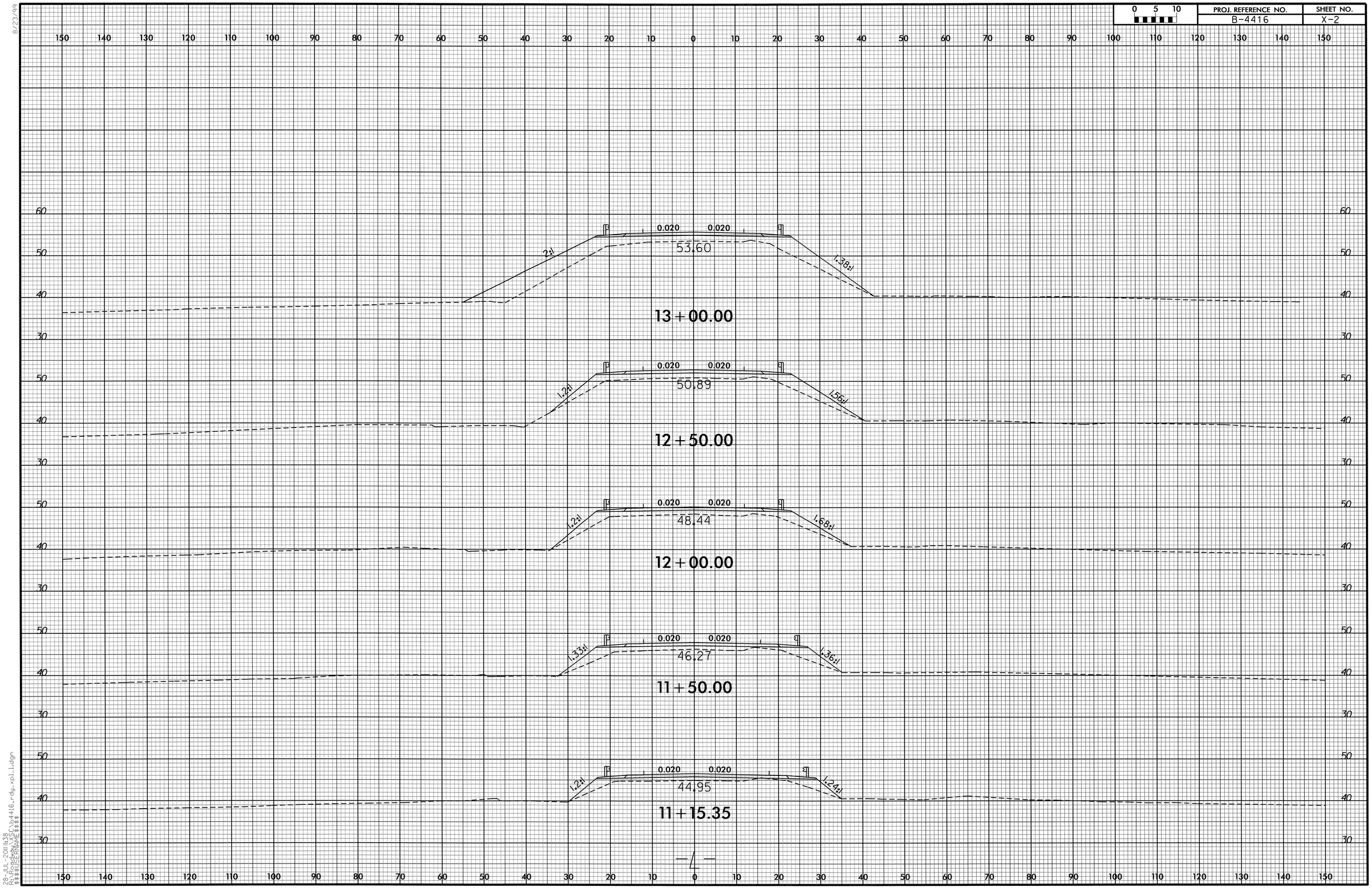

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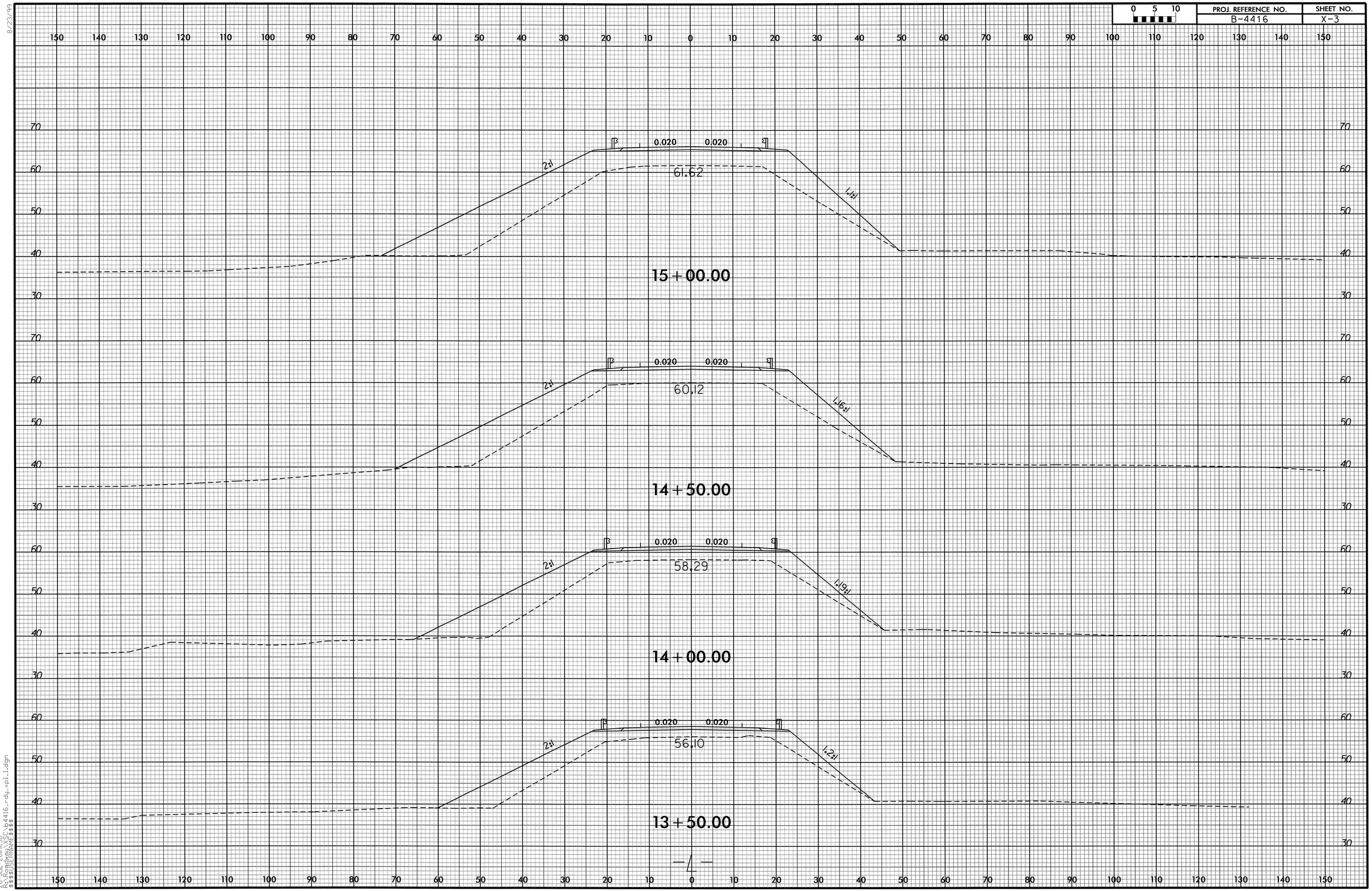

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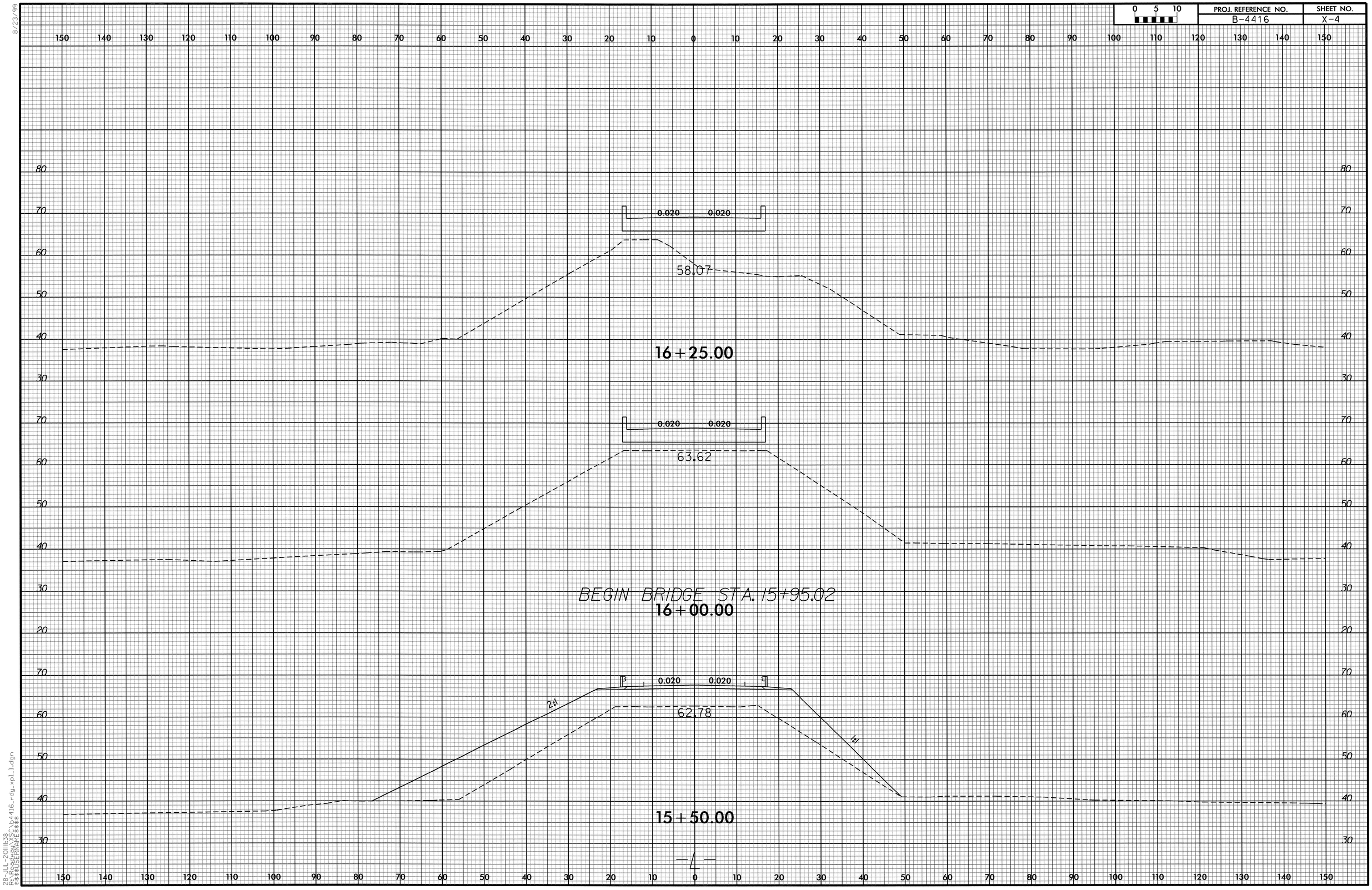

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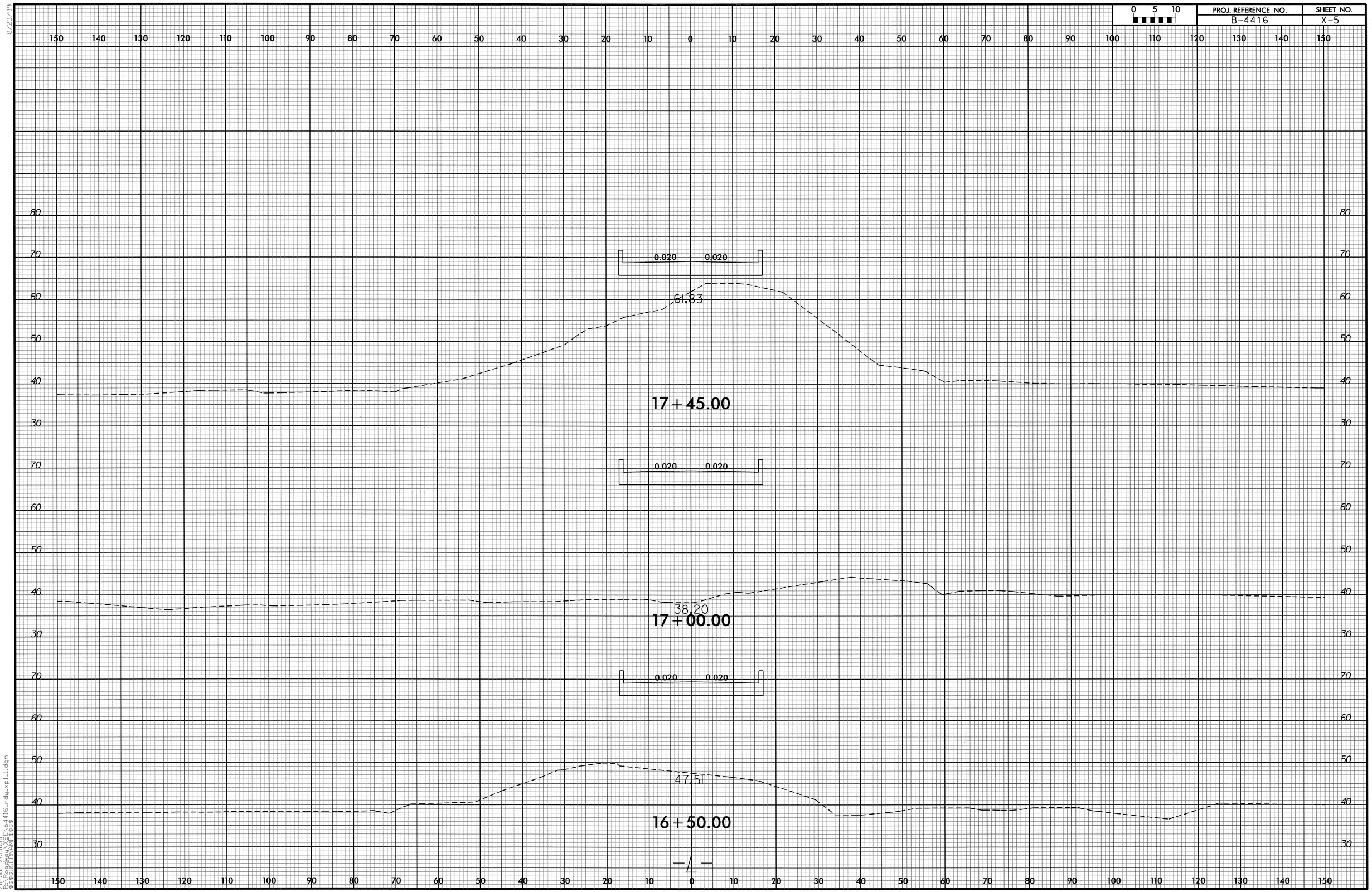

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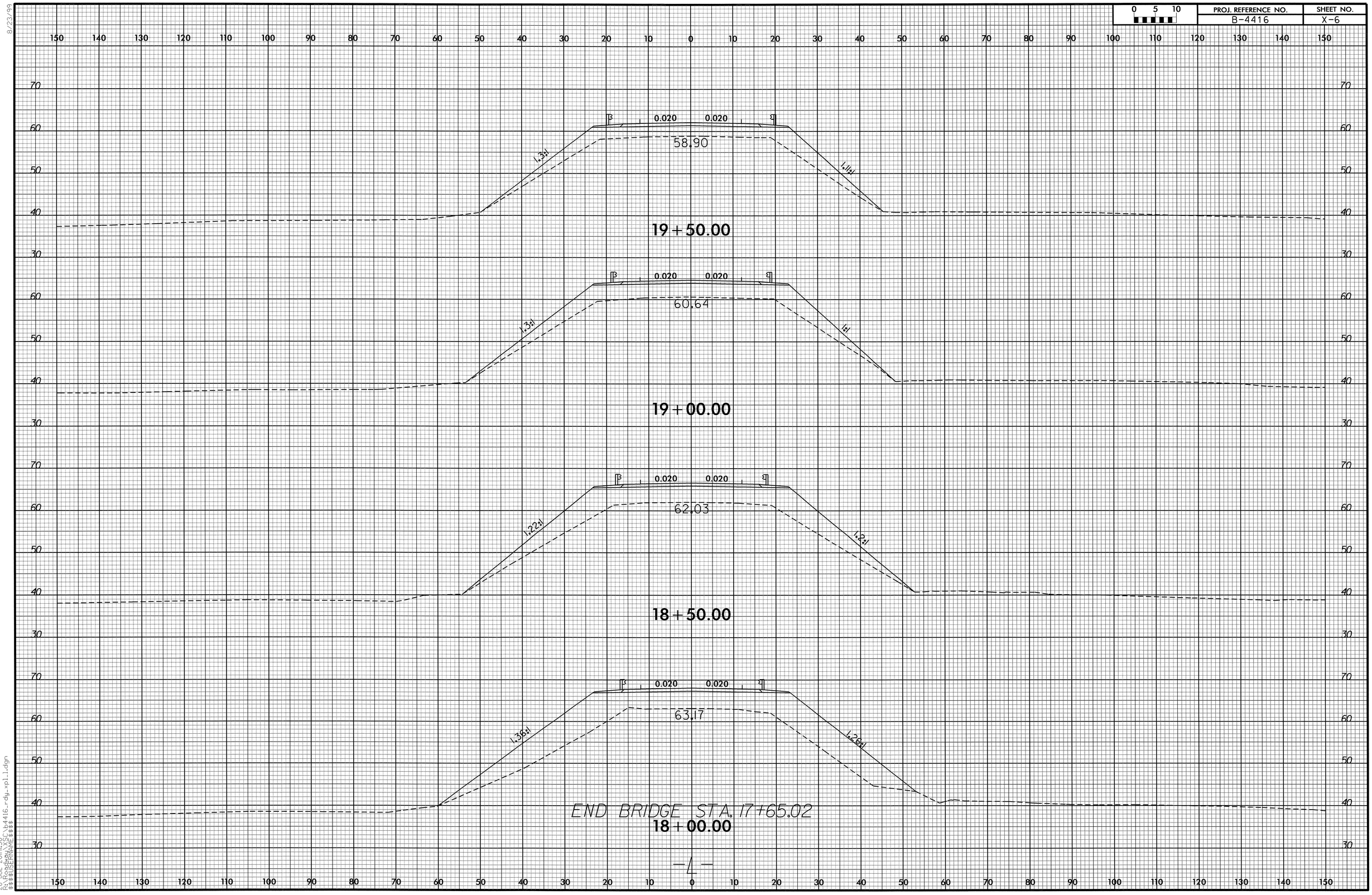

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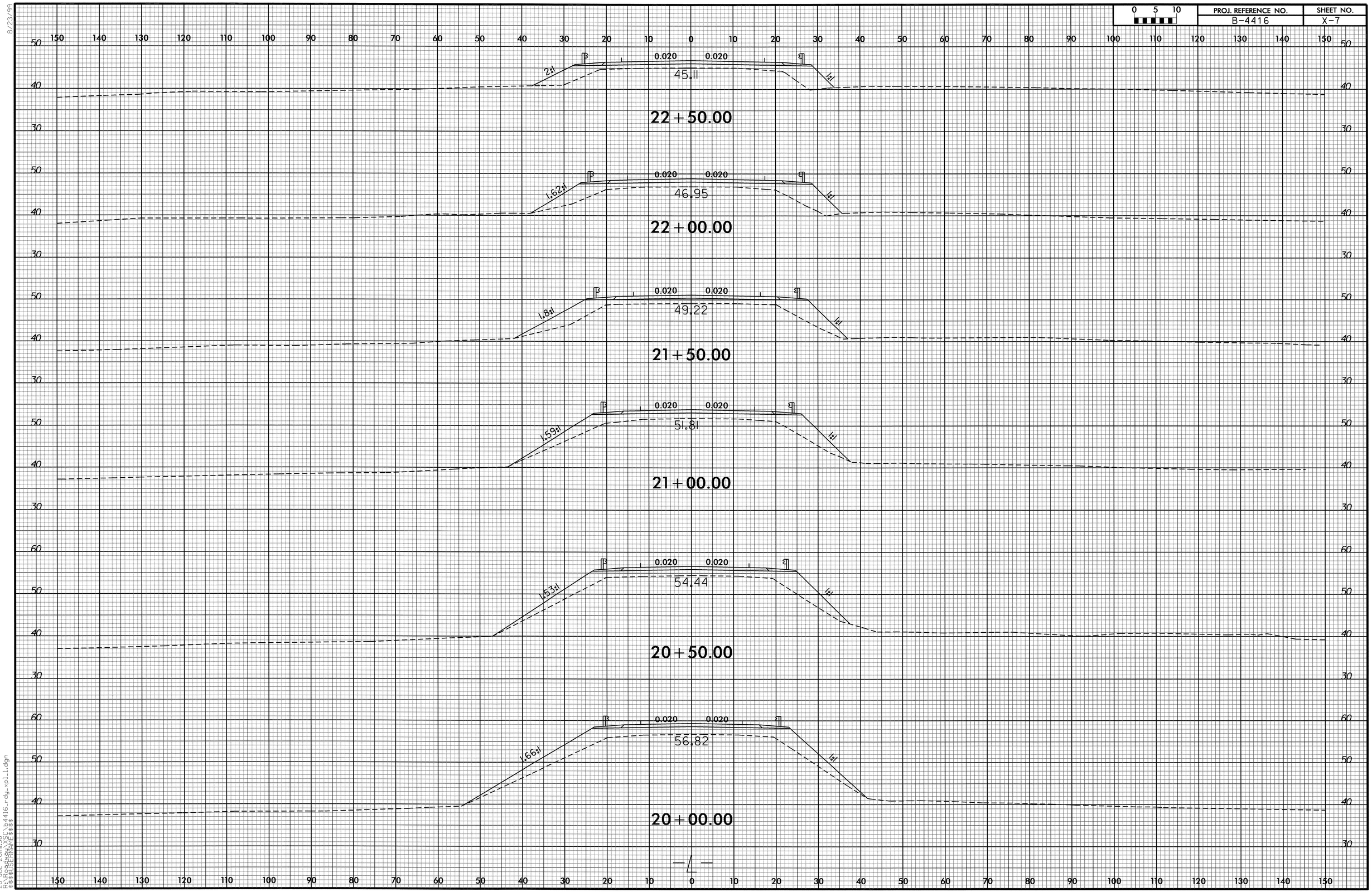

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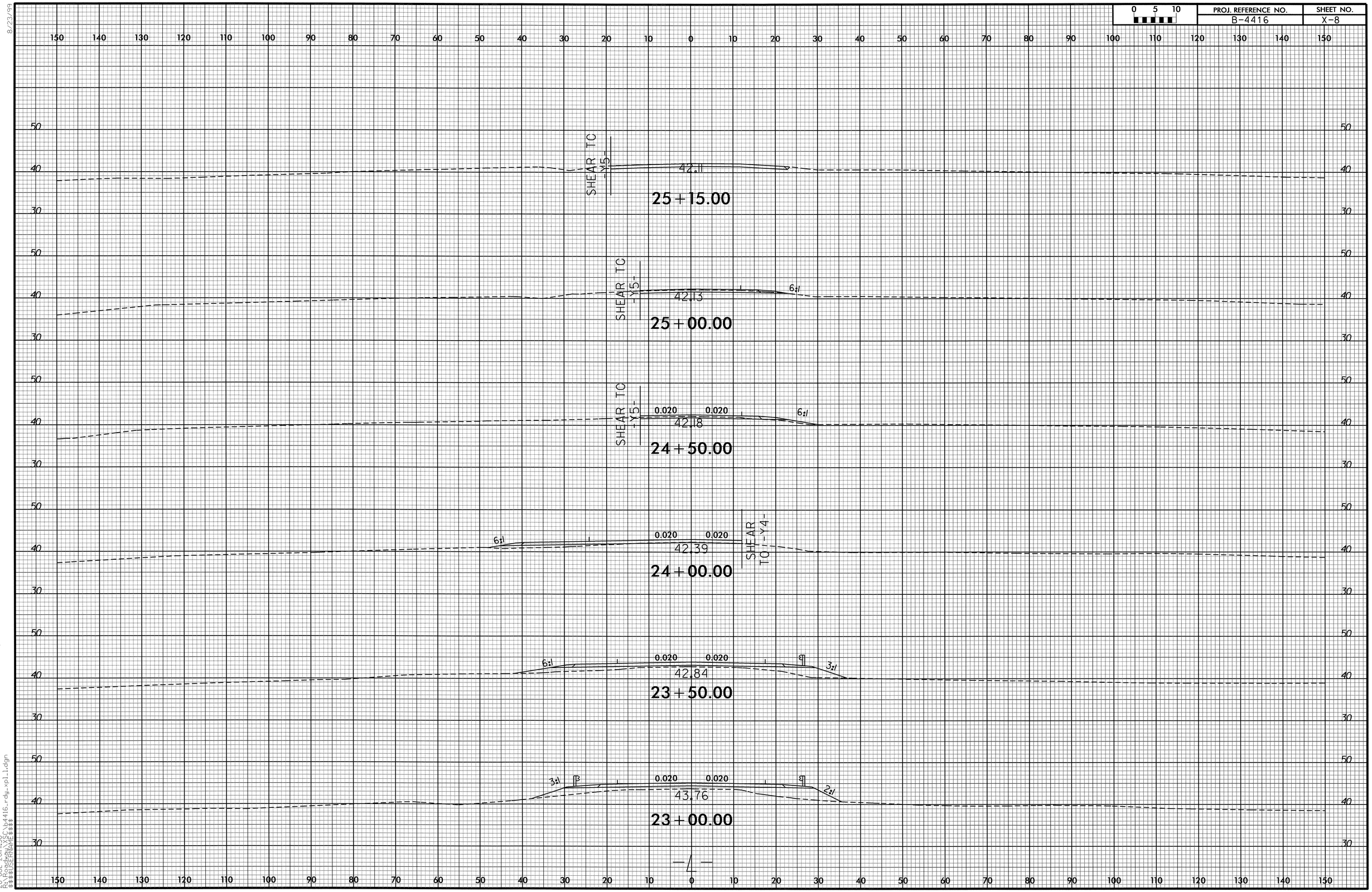

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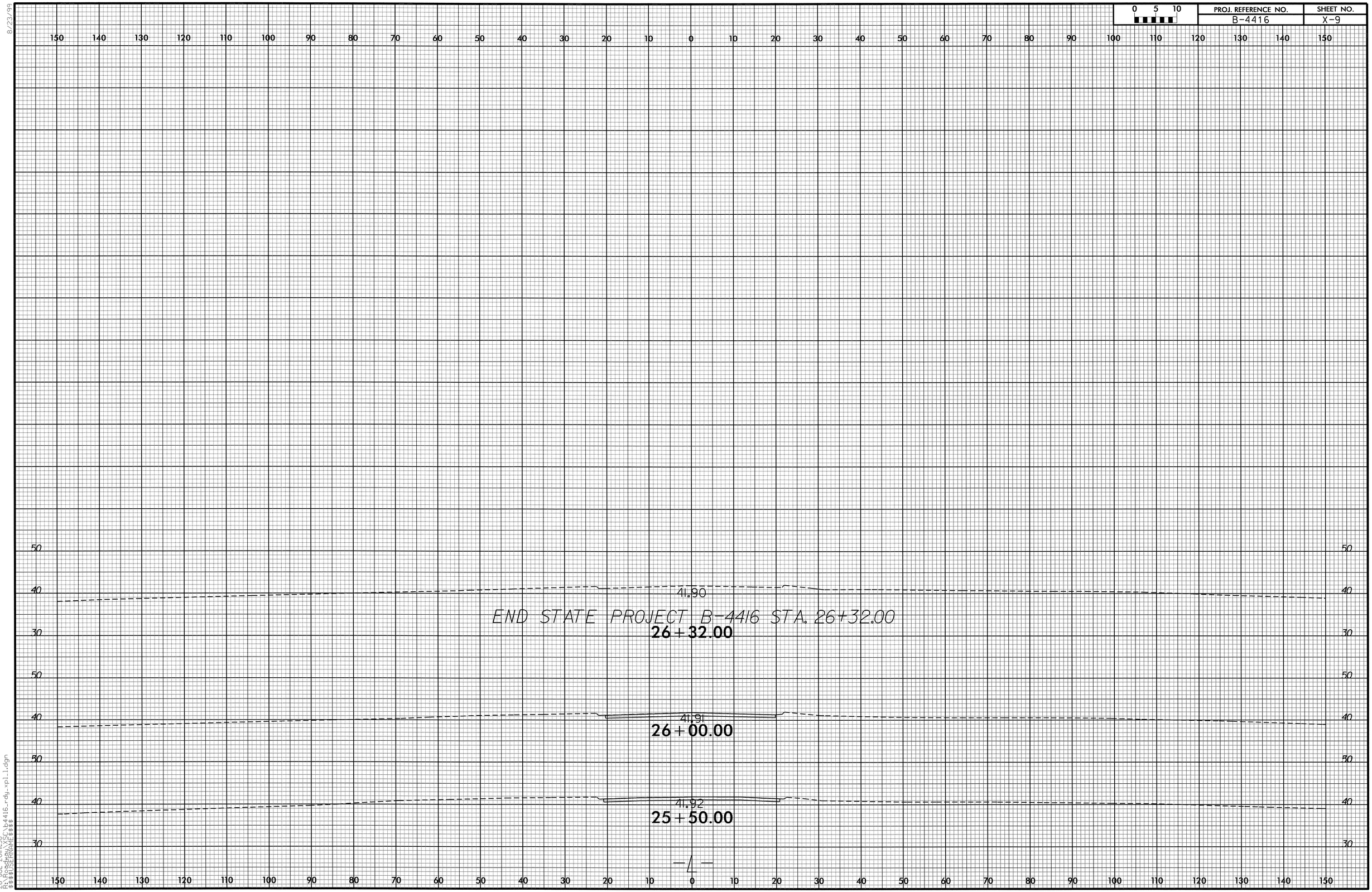

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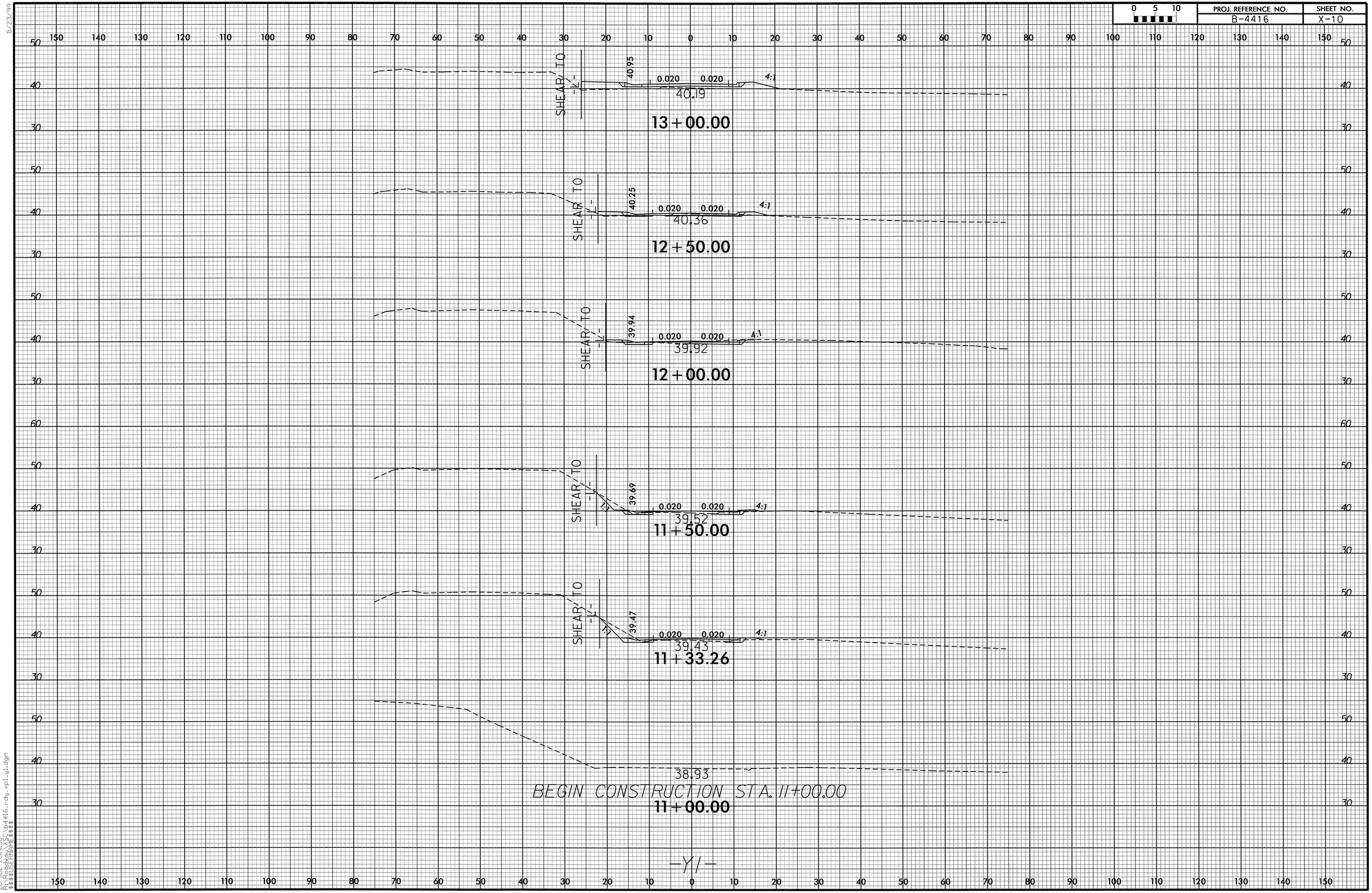

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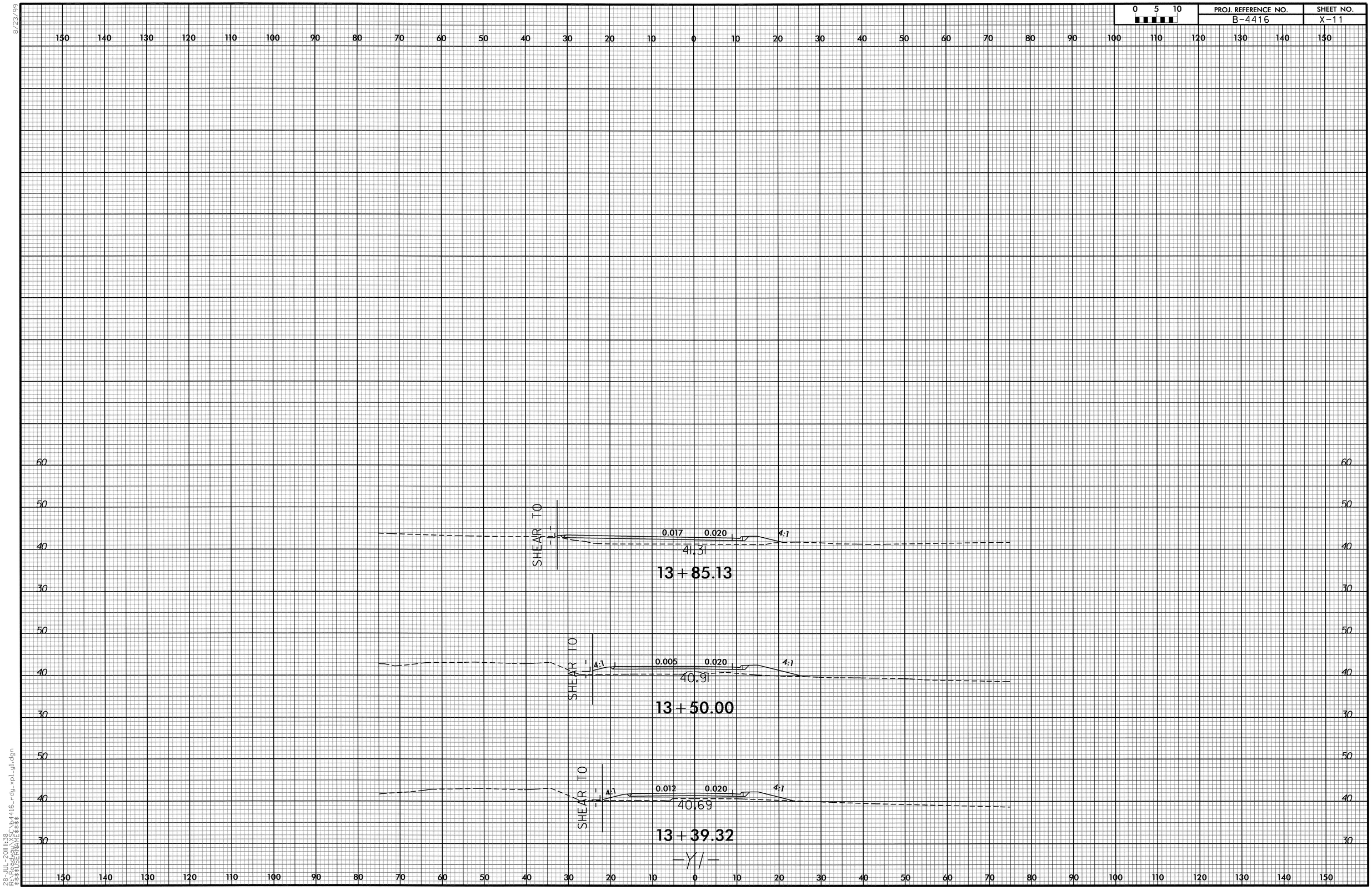

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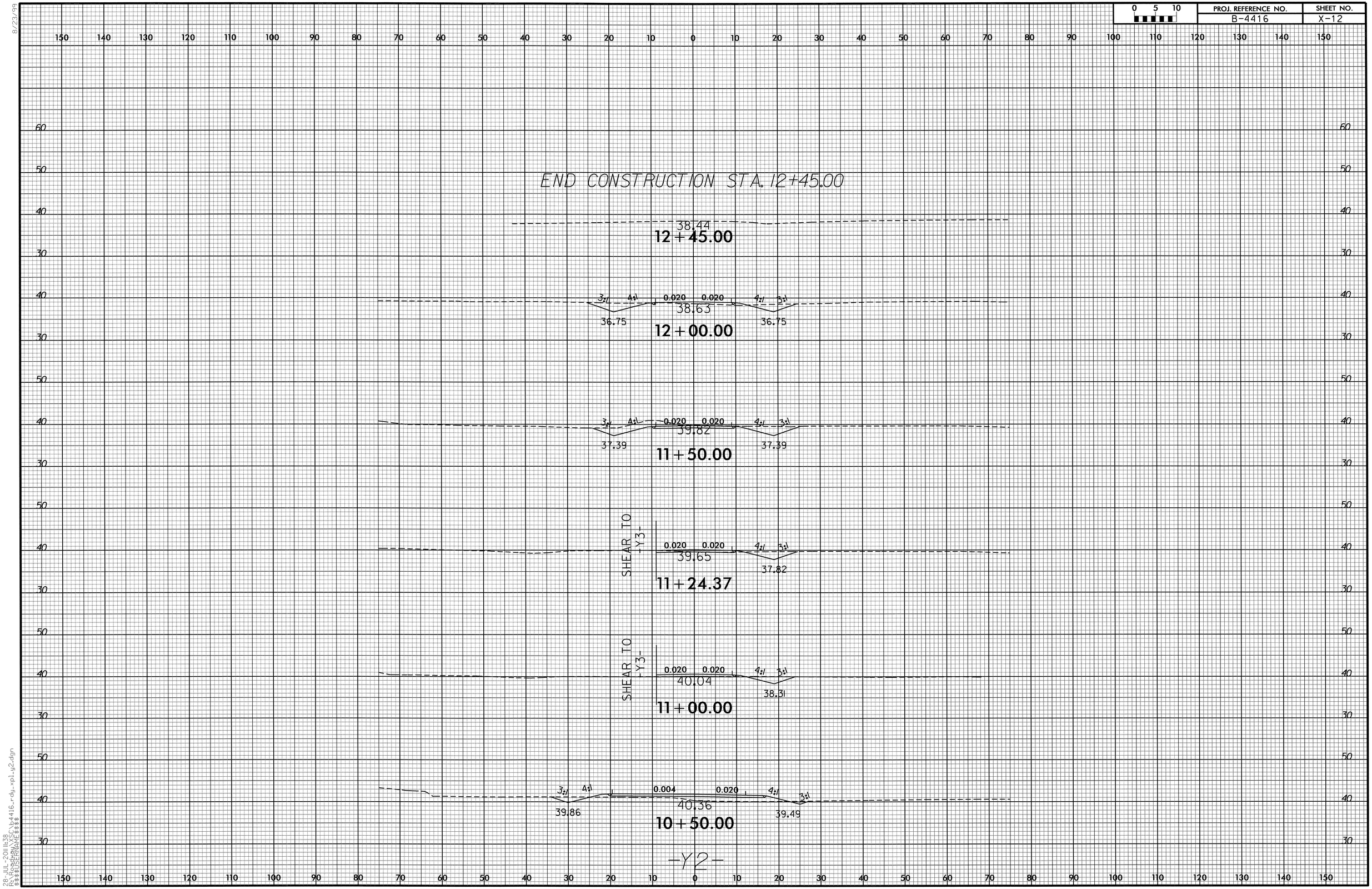

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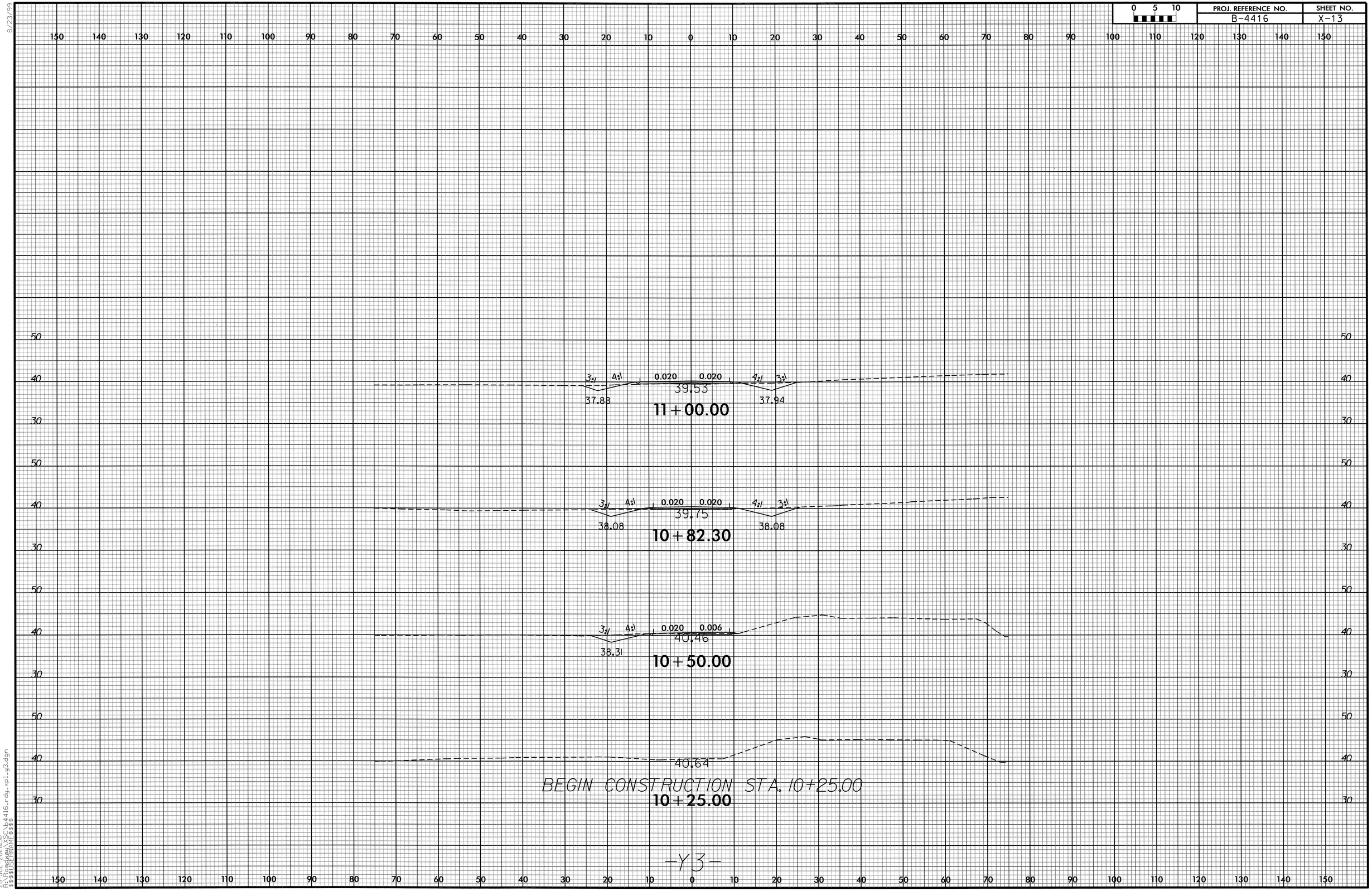

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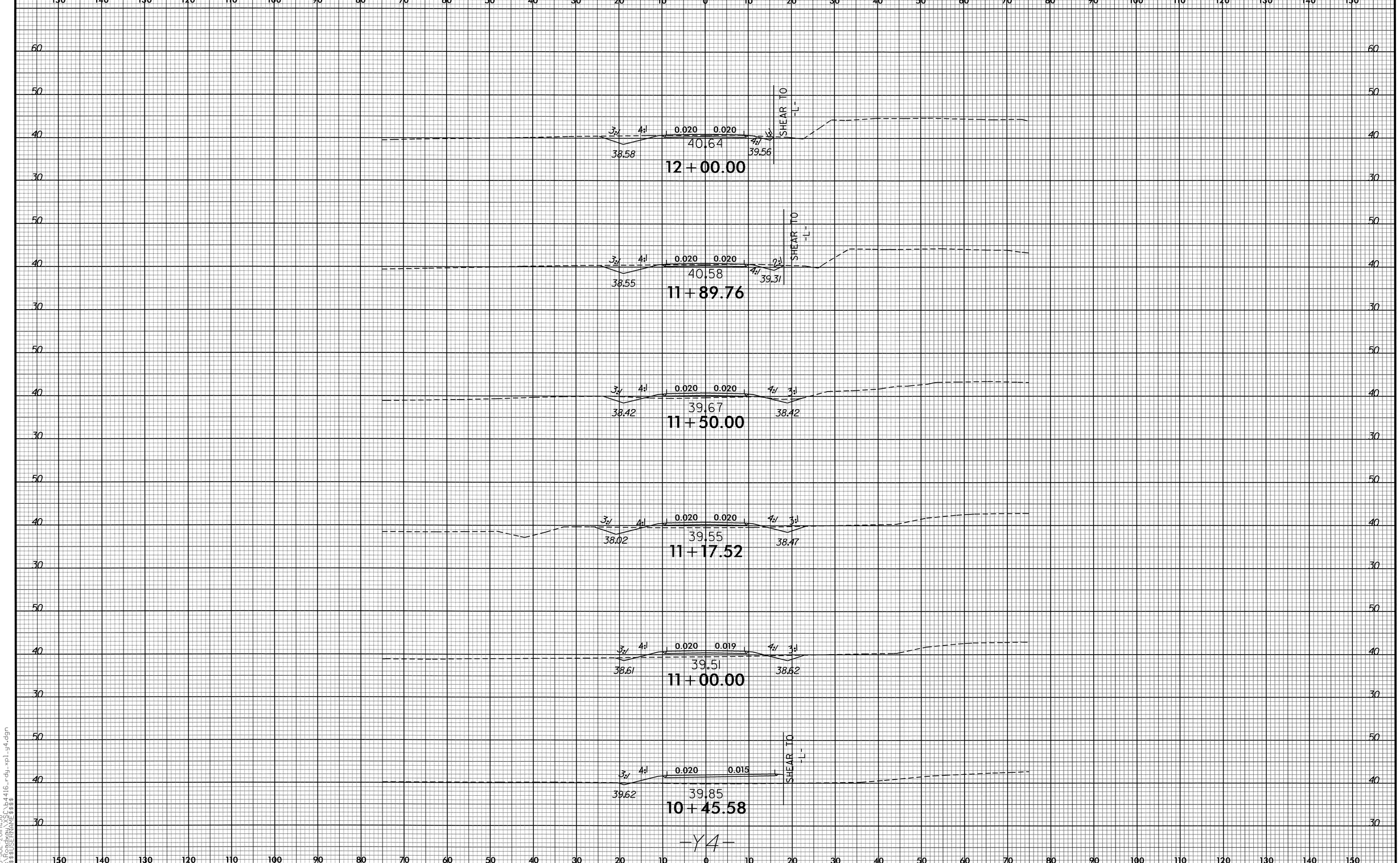

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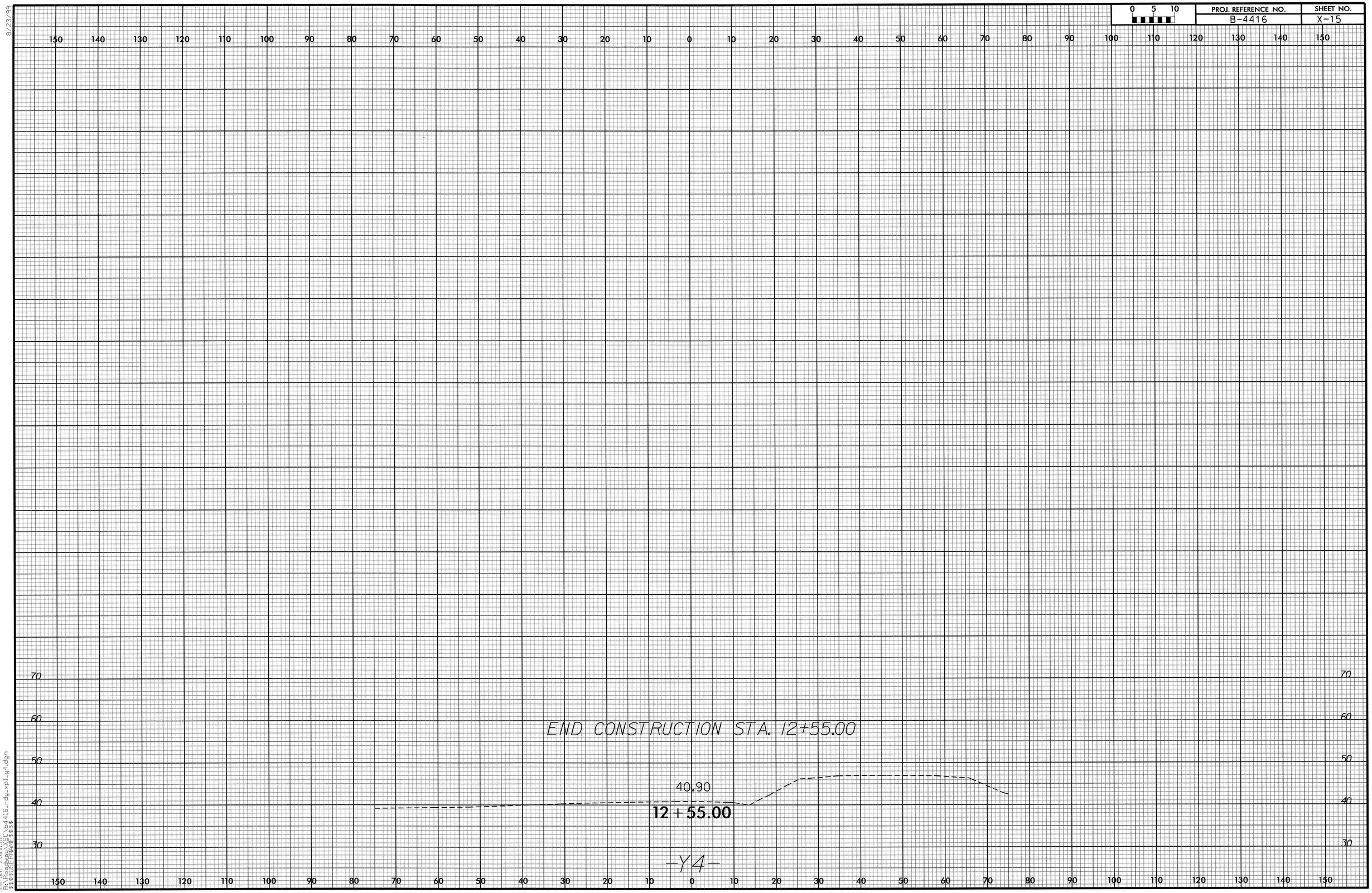

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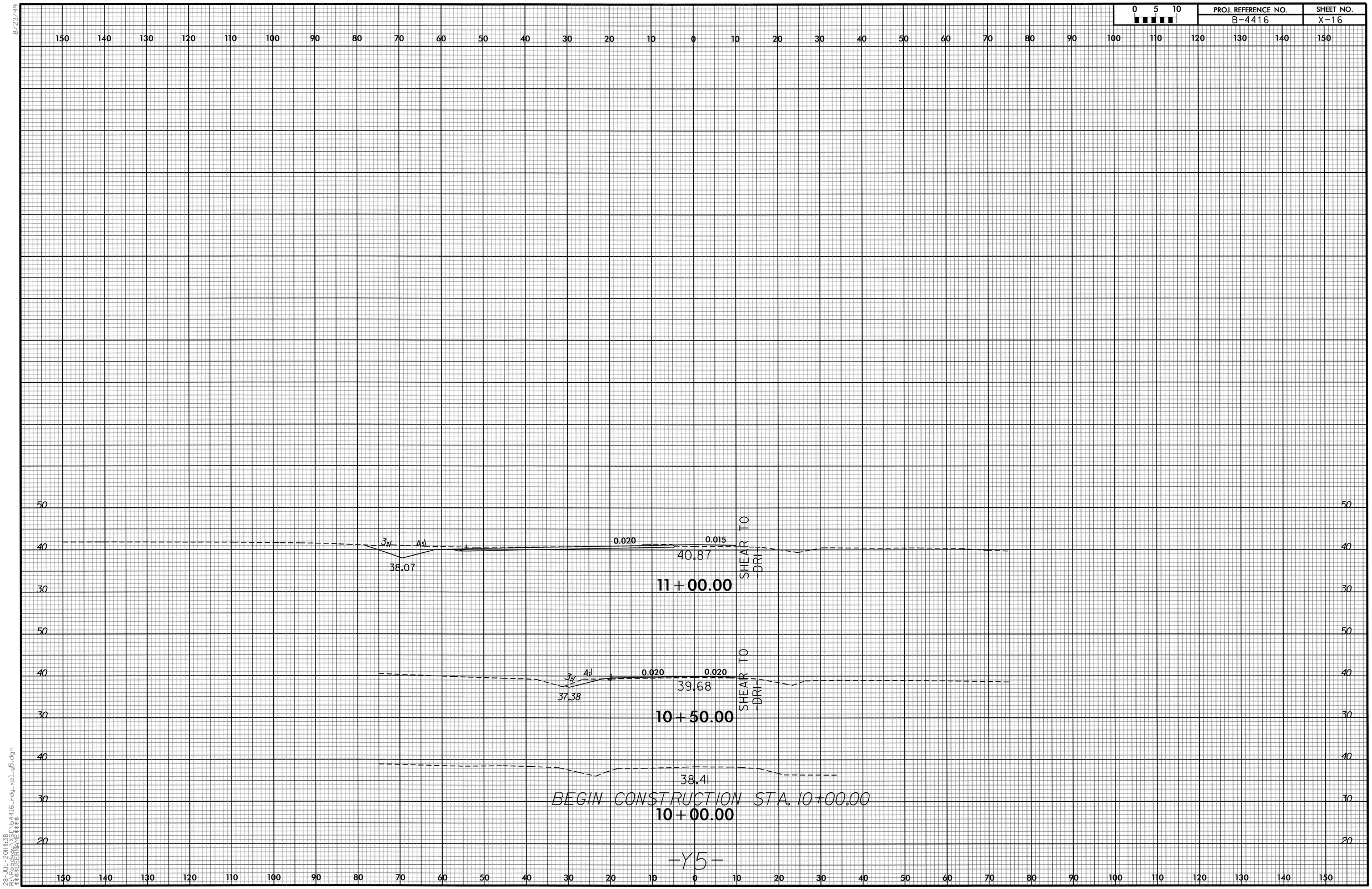

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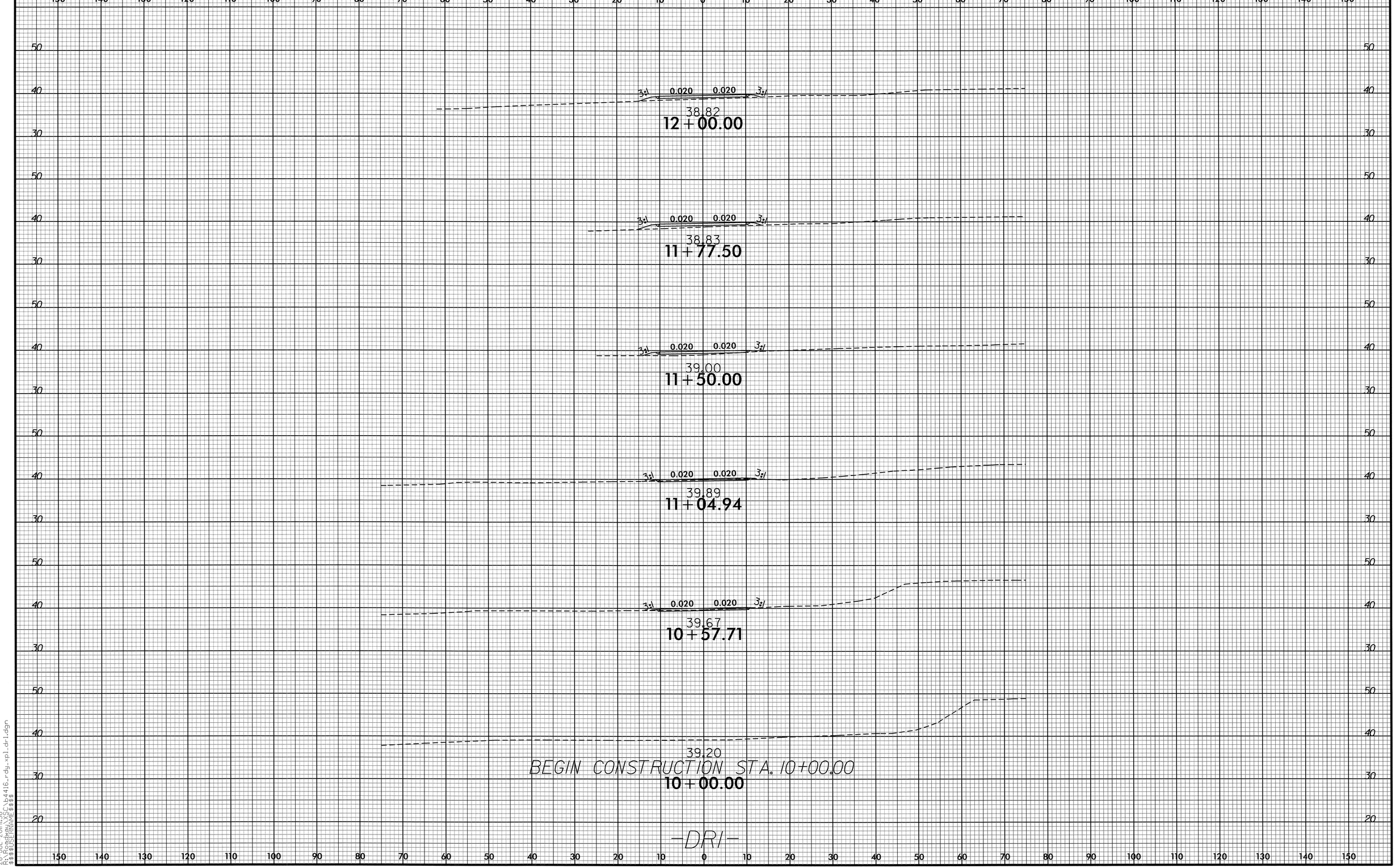

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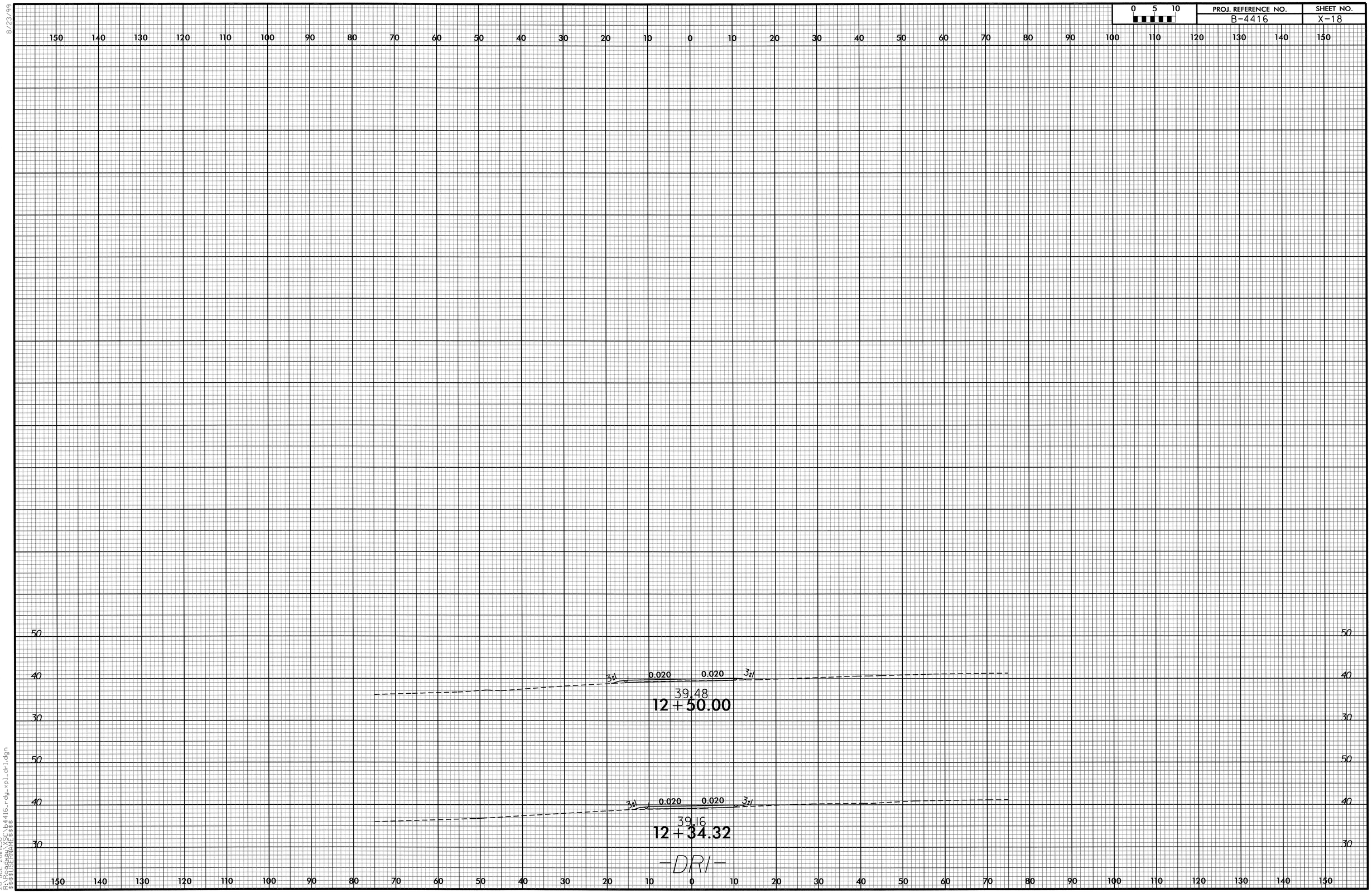

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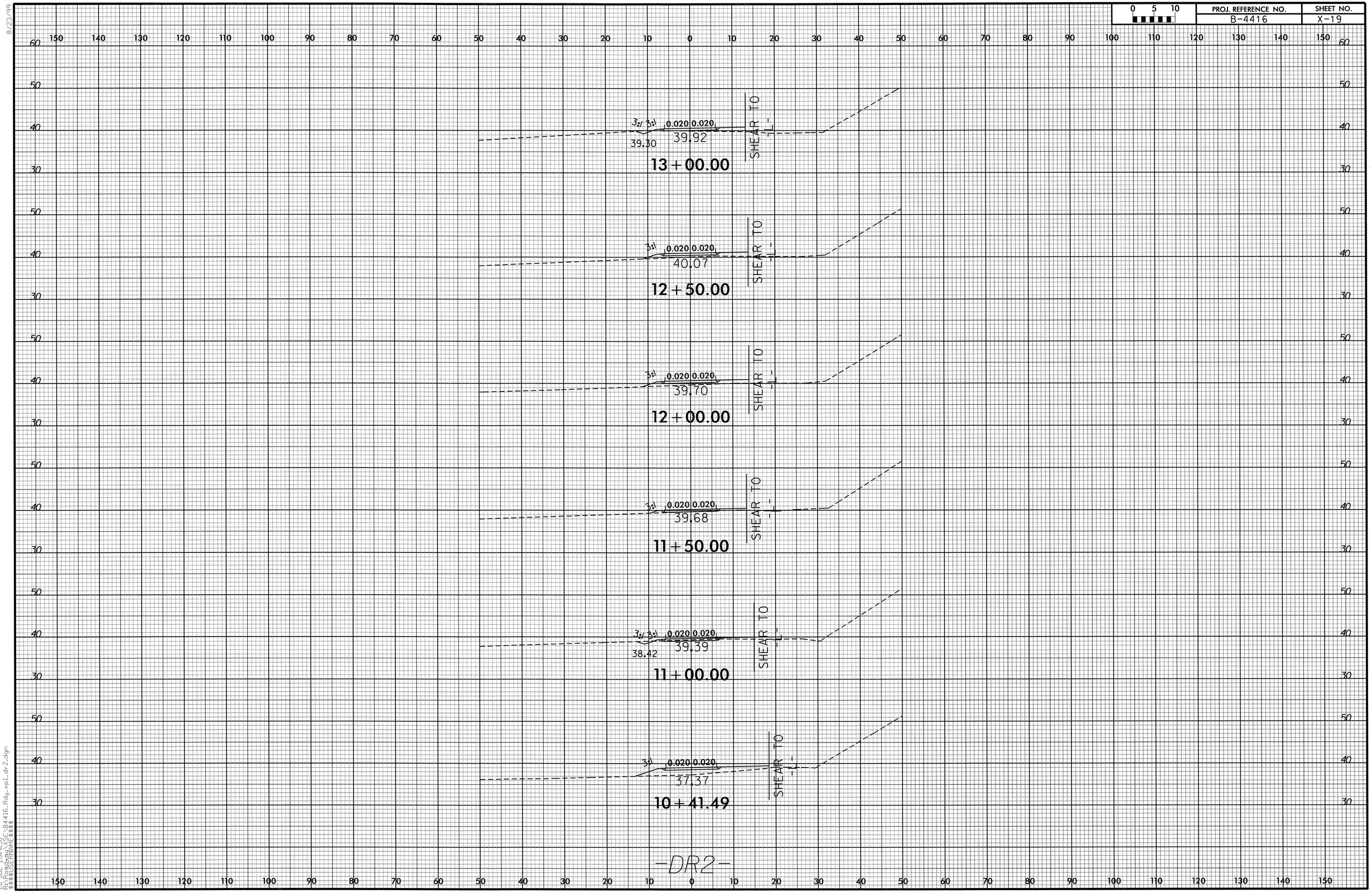

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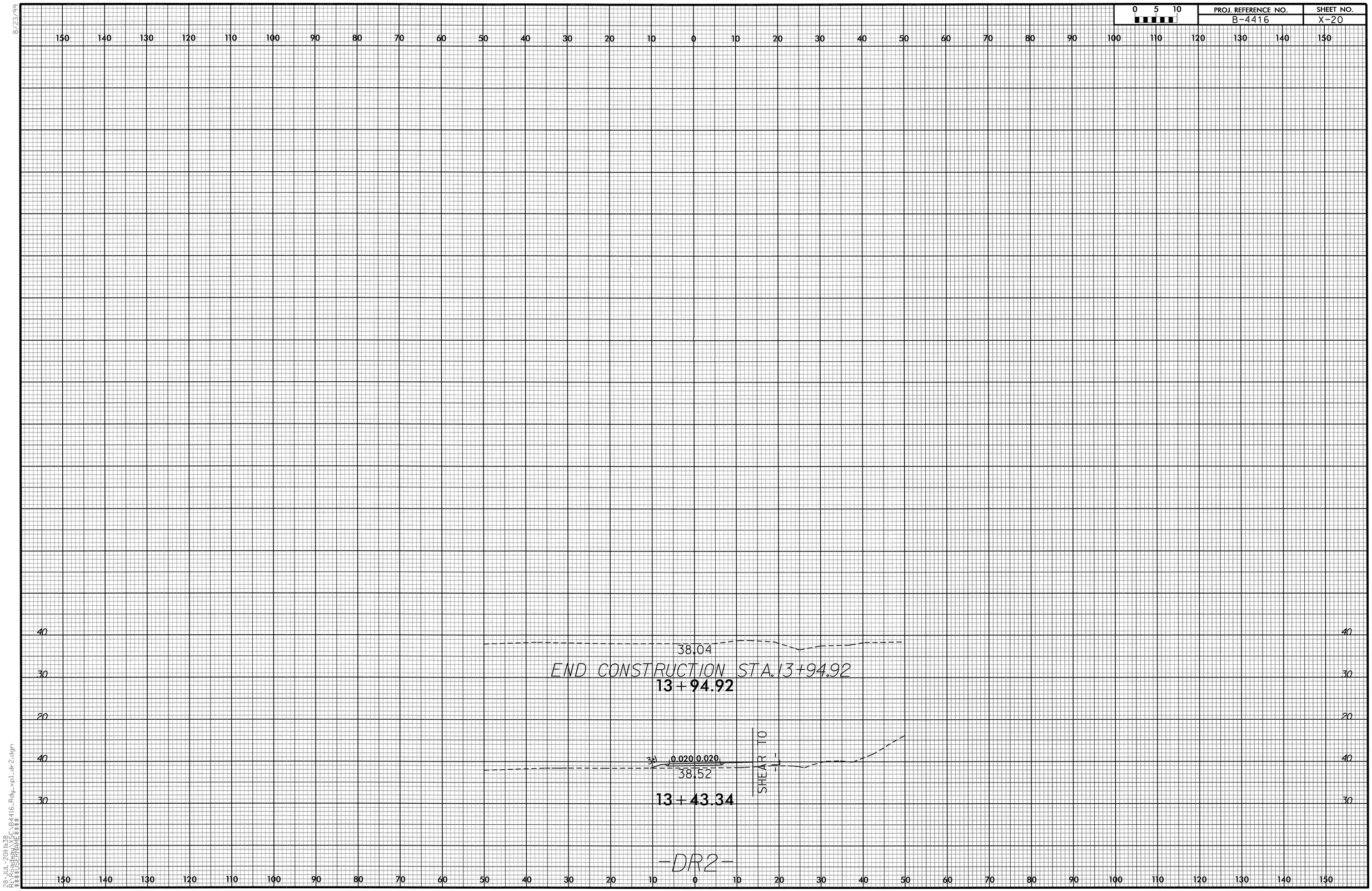

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