STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

Approximate quantities only. 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". (See project special provision)

PROJ. REFERENCE NO.	SHEET NO.
B-4298	X-A

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+75.00	0	0
12+00.00	0	3
12+50.00	211	31
13+00.00	419	46
13+50.00	424	33
14+00.00	527	30
14+50.00	550	29
15+00.00	424	11
15+50.00	960	0
16+00.00	1943	0
16+50.00	2755	0
17+00.00	3127	0
17+50.00	2759	17
18+00.00	2135	24
18+50.00	1629	10
19+00.00	1065	50
19+50.00	361	104
20+00.00	12	573
20+50.00	12	1544
20+76.00	0	1069

Station Dr2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
8+82.83	0	0
9+00.00	7	0
9+50.00	35	1
10+00.00	28	9
10+50.00	25	58
11+00.00	38	70
11+50.00	80	25
12+00.00	151	18
12+50.00	270	13
13+00.00	274	0
13+15.25	50	0

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
22+71.00	0	0
23+00.00	0	877
23+50.00	11	1118
24+00.00	37	560
24+50.00	187	307
25+00.00	501	169
25+50.00	822	85
26+00.00	830	36
26+50.00	536	12
27+00.00	263	2
27+50.00	99	4
28+00.00	59	13
28+50.00	61	25
29+00.00	65	57
29+50.00	89	46
30+00.00	63	13
30+50.00	13	9

Station Dr1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+11.00	0	0
10+50.00	0	455
11+00.00	0	291

Note: 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.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-1

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

380 370 360 350 340

350.15

11+00.00

380 370 360 350 340

353.25

10+50.00

380 370 360 350 340

356.36

10+00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

10-MAY-2007 15:17
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$$$USERNAME$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-2

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

380 370 360 350 340 330 320 310

8.5%

8.5%

2%

4%

2%

338.97

341.42

12+50.00

8.5%

8.5%

2%

344.46

12+00.00

347.29

11+50.00

10-MAY-2001 15:17
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8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-3

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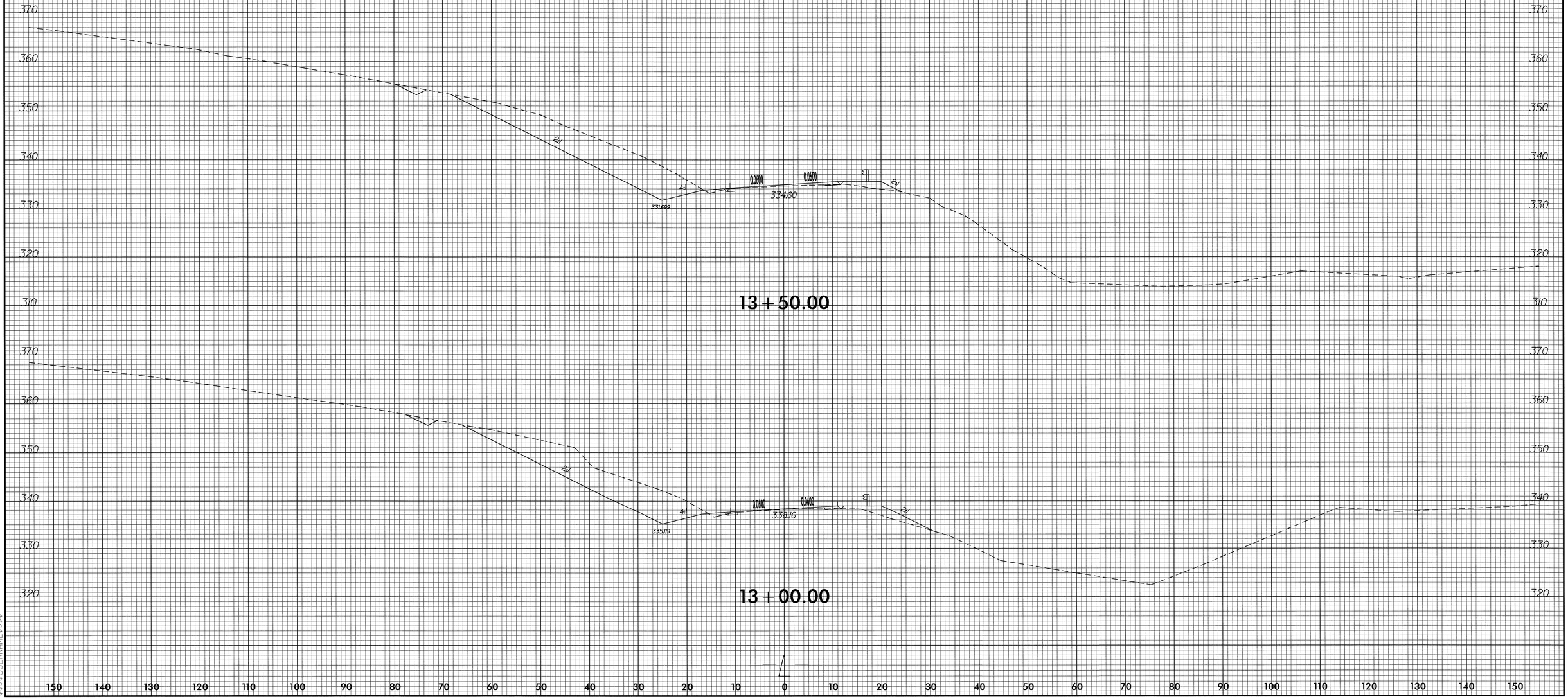
370 360 350 340 330 320 310



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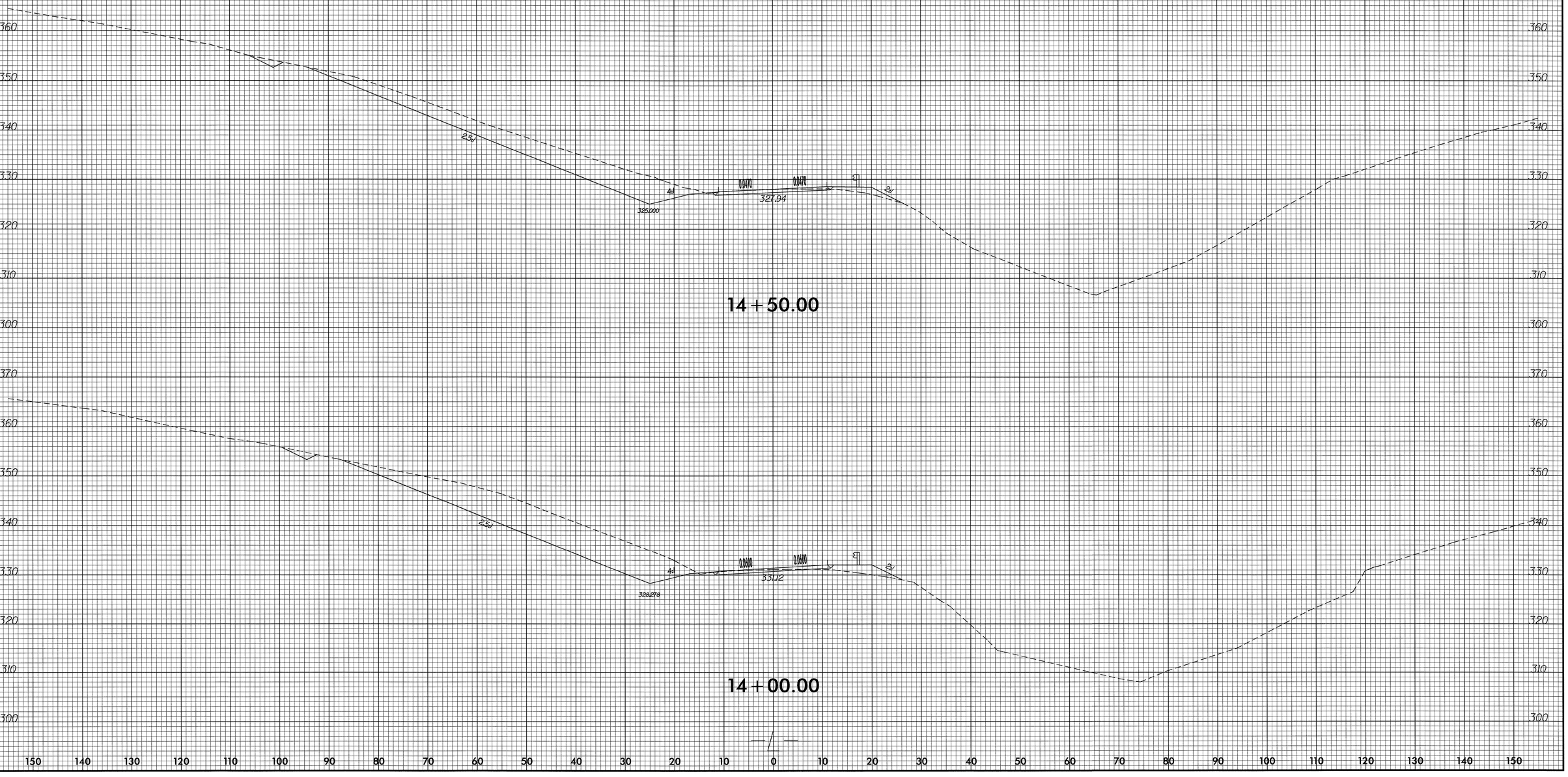
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-4

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

370 360 350 340 330 320 310 300



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8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-5

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

360 350 340 330 320 310 300

2:1

322.41

4:1

318455

10:1

0.0270

0.0270

VAR.

324.91

2:1

4:1

321799

15+50.00

15+00.00

360 350 340 330 320 310 300

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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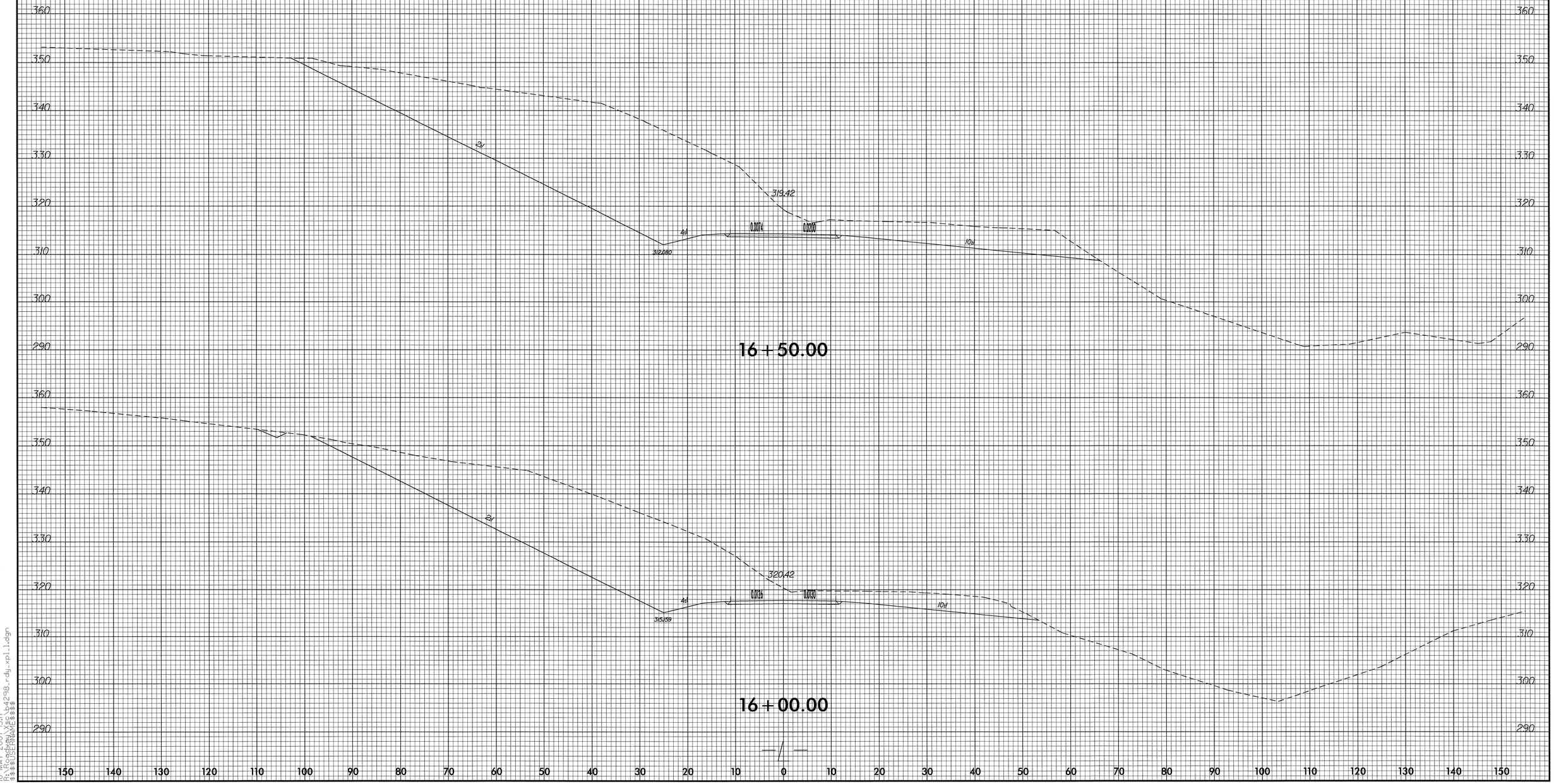
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-6

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

360 350 340 330 320 310 300 290



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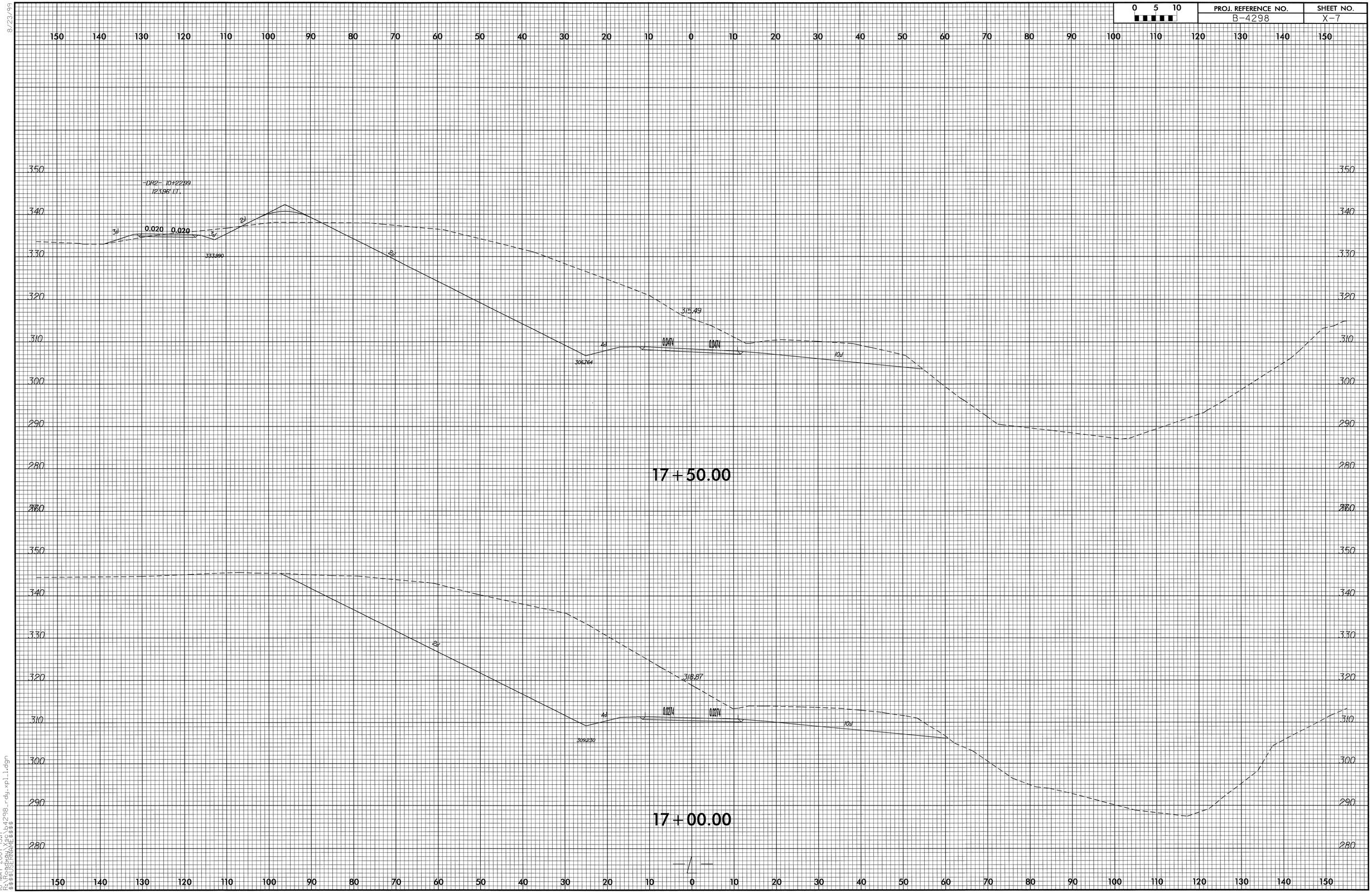
360 350 340 330 320 310 300 290

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-7



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8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-8

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

330 320 310 300 290 280

-DR2- 11+42.39
99.01' LT.

3:1 0.020 0.020 3:1 2% 2:1 4:1 10:1

316.847 309.64 302.518

18+50.00

-DR2- 10+83.65
109.01' LT.

3:1 0.020 0.020 3:1 2% 2:1 4:1 10:1

325.298 312.80 304.556

18+00.00

270 280 290 300 310 320 330 340

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-9

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

310 300 290 280 270 260

0.020 0.020 0.020 0.020 0.020 0.020

290.46

-DR1- STA.10+50 MP

20+00.00

310 300 290 280 270

-DR2- -DR1-

0.020 0.020

297.59

19+50.00

310 320 310 300 290 280 270

-DR2- 111+99.99
92.92' LT.

0.020 0.020

309.277

303.61

0.020 0.020

300.864

19+00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

ID:MAY-2007 16:17
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8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-10

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

310
300
290
280
270
260

271.36

21+50.00

310
300
290
280
270
260

275.35

21+00.00

310
300
290
280
270
260

24"
15"
283.59

20+50.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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P:\PROJECTS\B-4298\rdy_xpl1.dgn
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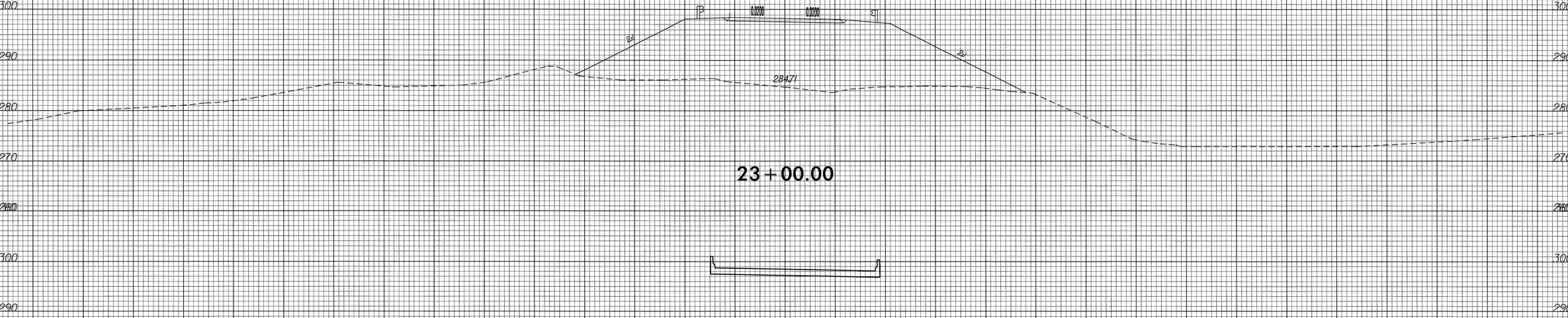
8/23/99

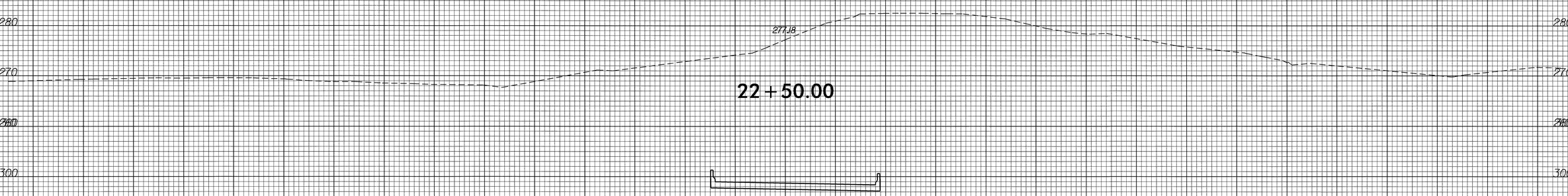
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-11

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

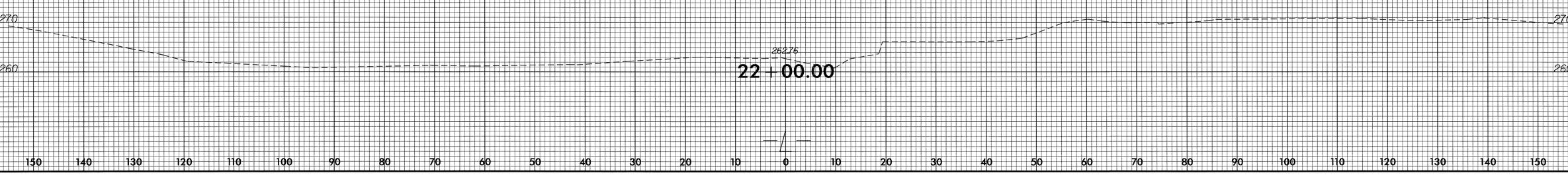
310 300 290 280 270 260



23+00.00



22+50.00



22+00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-12

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

320 310 300 290 280 270

2:1 4:1 0.06/ft 0.06/ft 3:1

296.87 297.01

24+50.00

320 310 300 290 280 270

2:1 4:1 0.06/ft 0.06/ft 3:1

295.72 293.69

24+00.00

320 310 300 290 280 270

2:1 3:1 0.06/ft 0.06/ft 3:1

290.30

23+50.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

10-MAY-2007 15:17
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$$$$PROJECT_NO$$$$
$$$$SHEET_NO$$$$
$$$$ROADWAY$$$$
$$$$SCENARIO$$$$
$$$$CONFIGURATION$$$$
$$$$PLOTSCALE$$$$
$$$$PLOTDATE$$$$
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$$$$SCENARIO$$$$
$$$$CONFIGURATION$$$$
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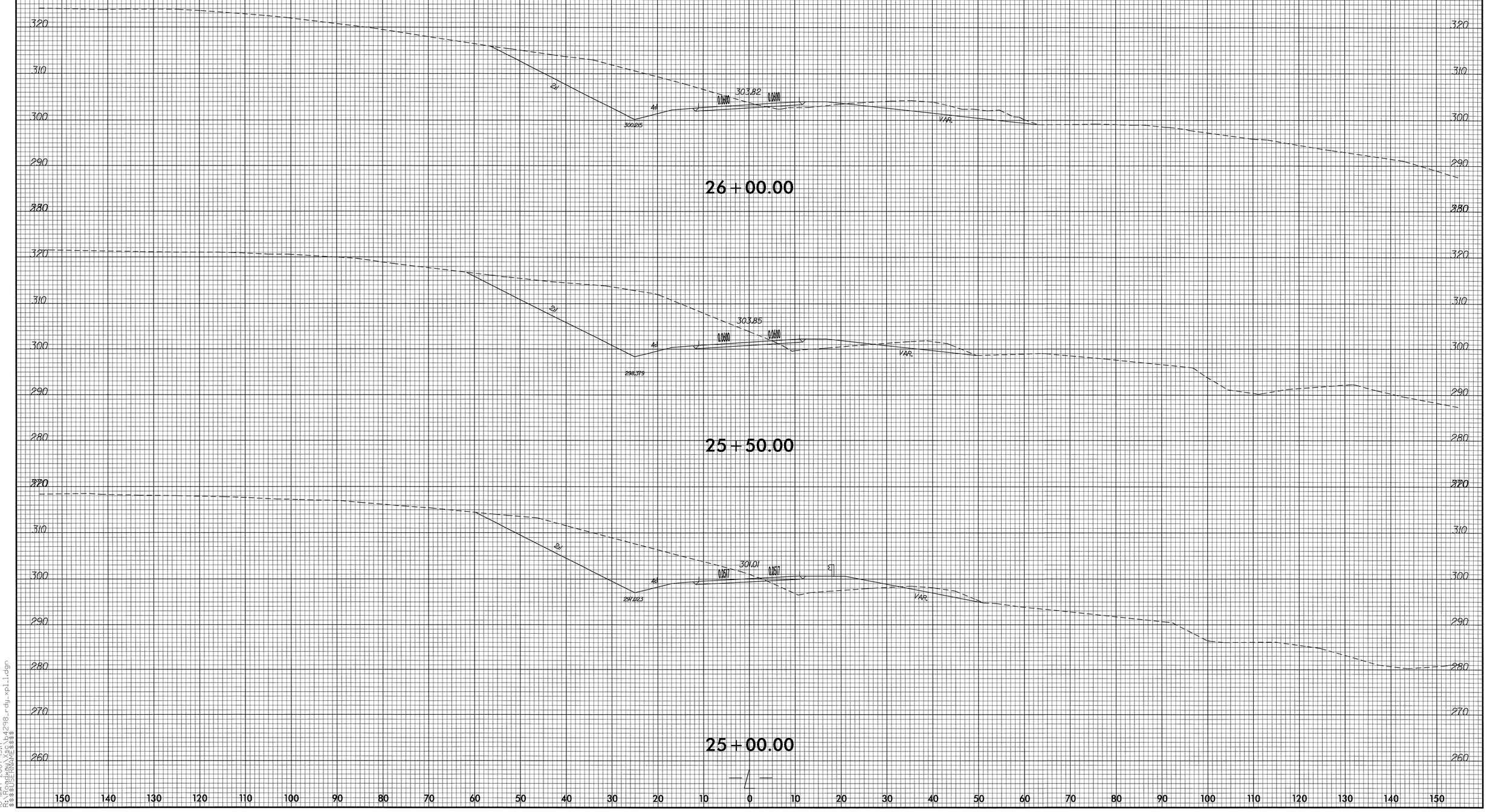
X:\4298\roadway\xpl1.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-13

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

330 320 310 300 290 280 270 260



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$$$$CELL_LIBRARY

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
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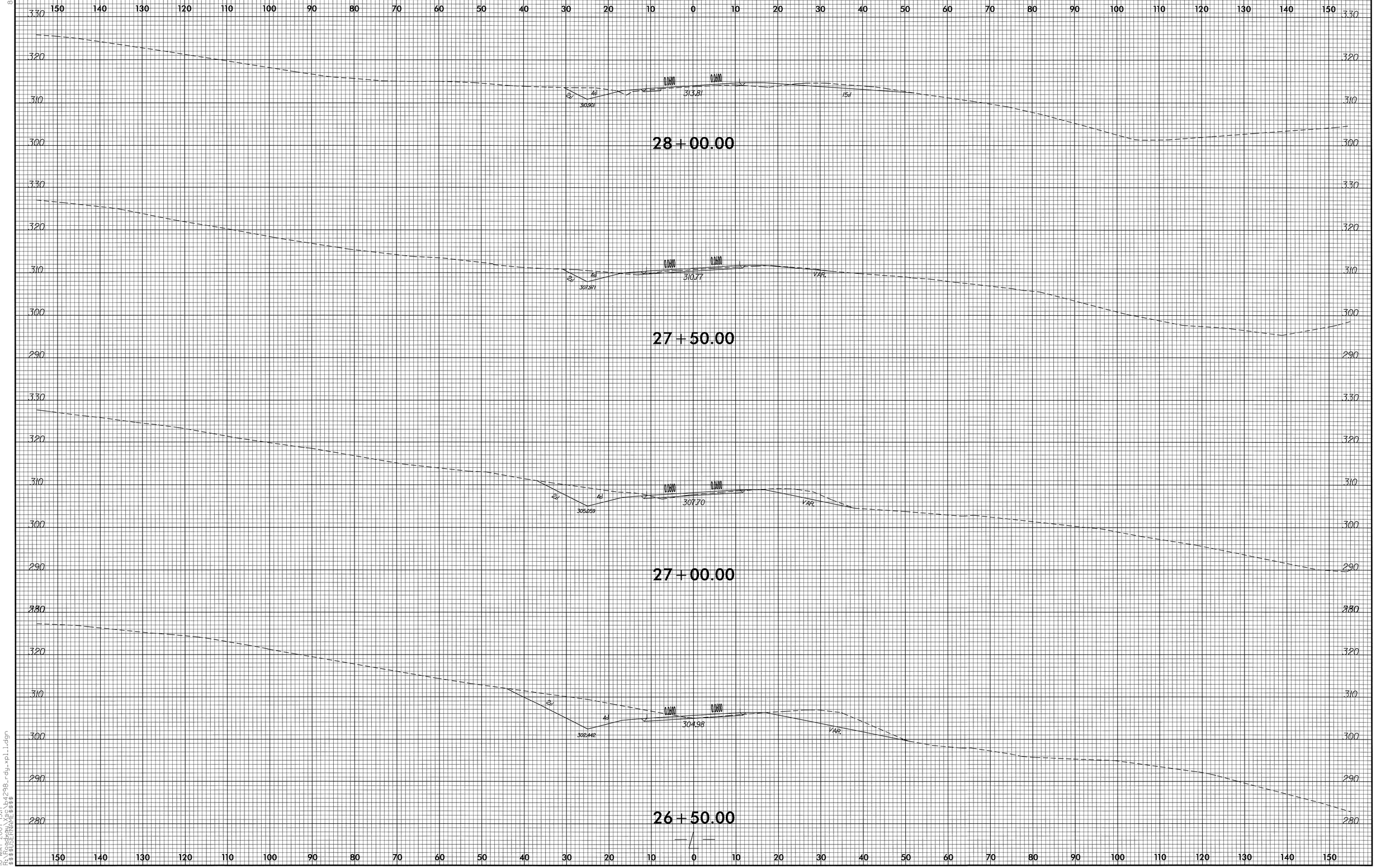

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$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-15

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

340
330
320
310
300

EX.SF 329.23 EX.SF

30+50.00

2U 4U 324.580 EX.SF EX.SF 325.85 2U

30+00.00

2U 4U 320.156 EX.SF EX.SF 322.72 4U

29+50.00

2U 4U 317.162 0.0234 0.0234 319.79 4U

29+00.00

2U 4U 314.013 0.0434 0.0434 316.83 VAR.

28+50.00

—/—

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

10-MAY-2007 15:17
R:\Projects\B-4298\B-4298_rdy_xpl1.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-16

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

310 300 290 280 270

EX

289.73

11+00.00

0.020 0.020

4%

4%

MP
-L- STA 20+00

289.63

55.291.292

10+50.00

296.21

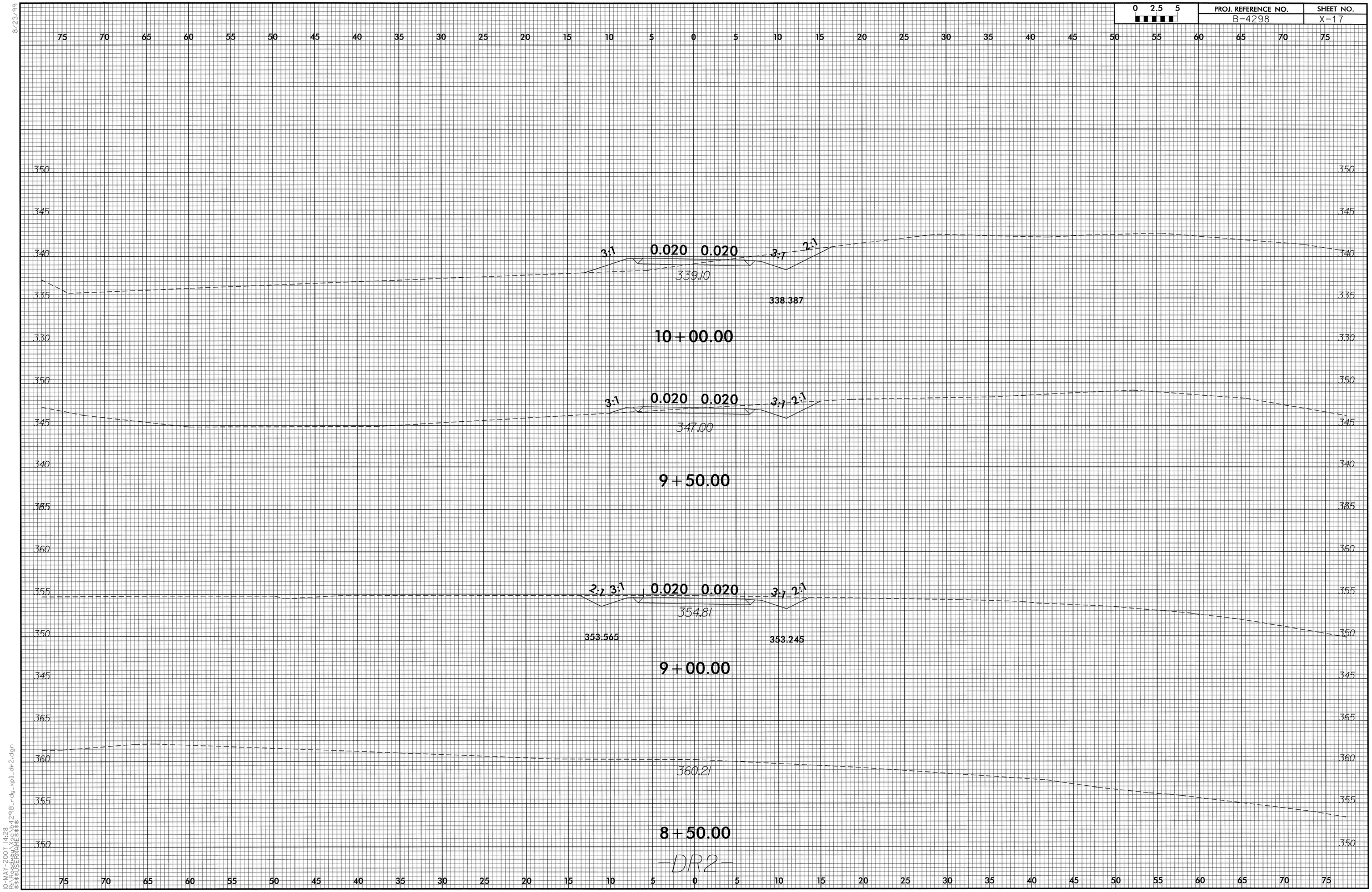
10+00.00

-DRI-

10-MAY-2007 14:35
rdelaney
\\Rdcfs2\projects\b-4298_rdy_xpl_dr1.dgn

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-17



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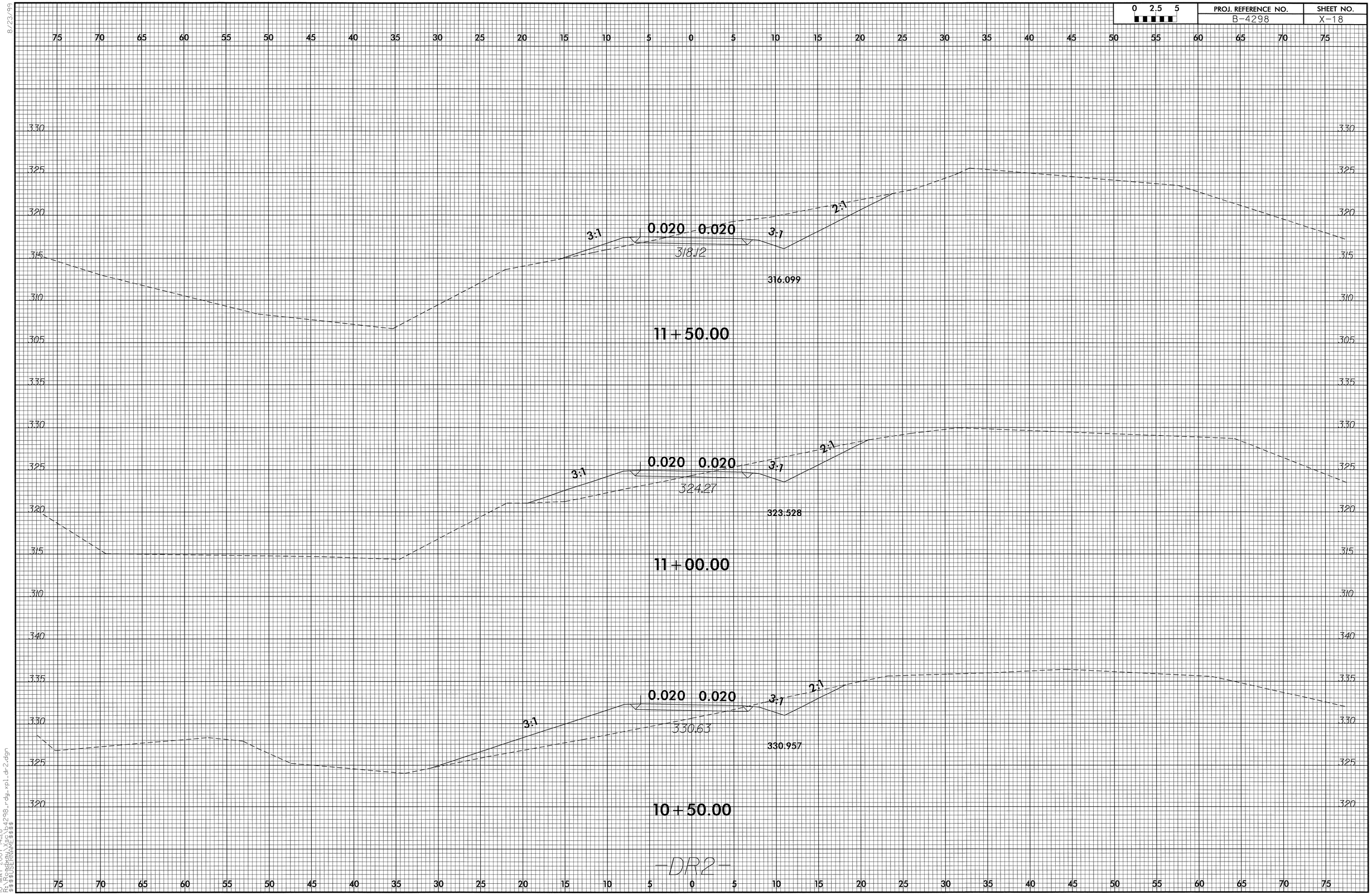
$$$$USER_NAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-18



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8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-19

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

320 315 310 305 300 295 290 285 286 320 315 310 305 300 295

309.58

0.020 0.020

3:1

2:1

8:1

304.380

12+50.00

VAR.

312.24

309.454

12+00.00

-DR2-

10-MAY-2007 14:28
\\ssi\DSERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4298	X-20

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

320 315 310 305 300 295 290 285 280

303.47

0.020 0.020

8:1 3:1 2:1

299.500

13+00.00

-DR2-

10-MAY-2007 14:28
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