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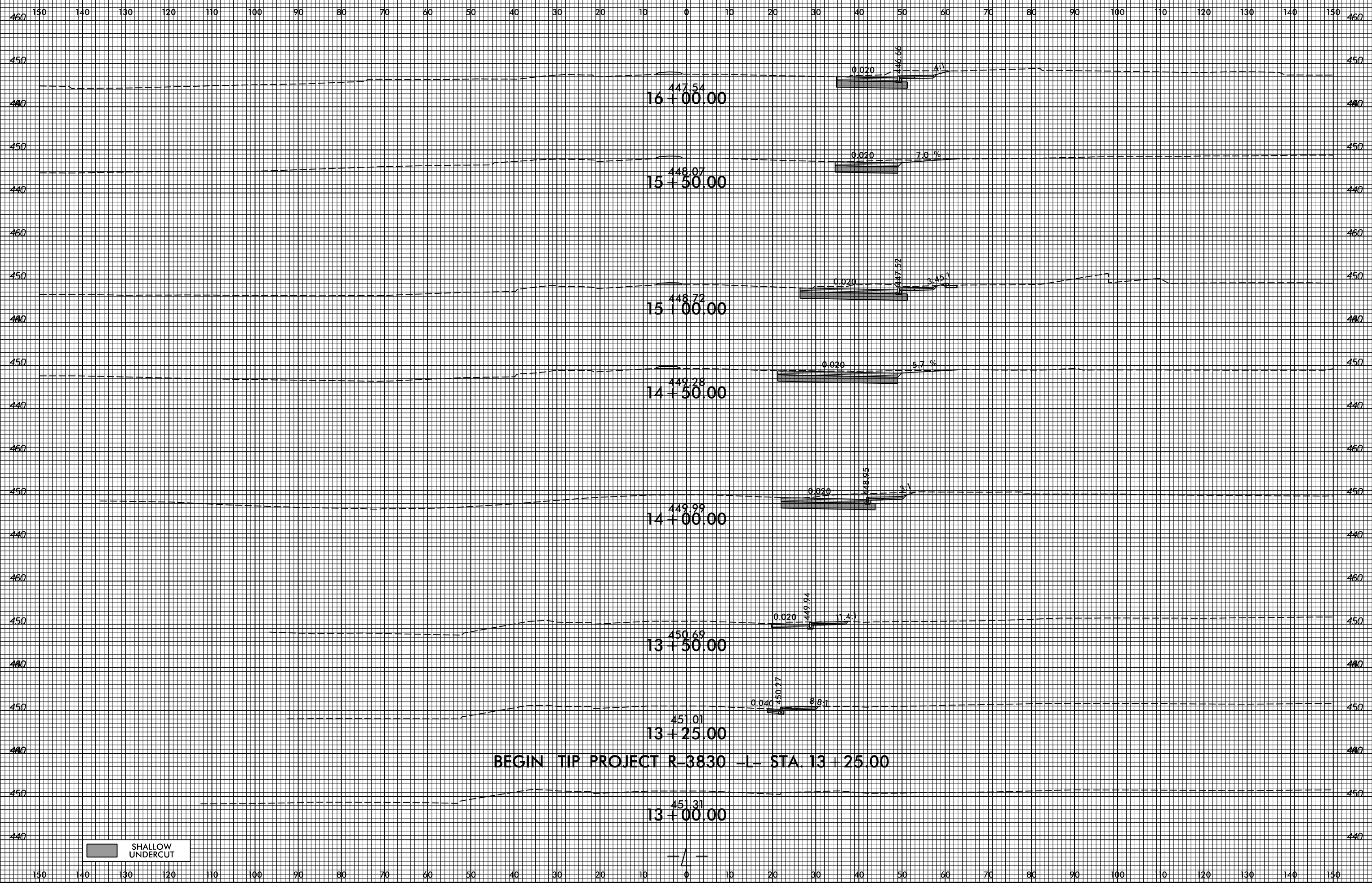
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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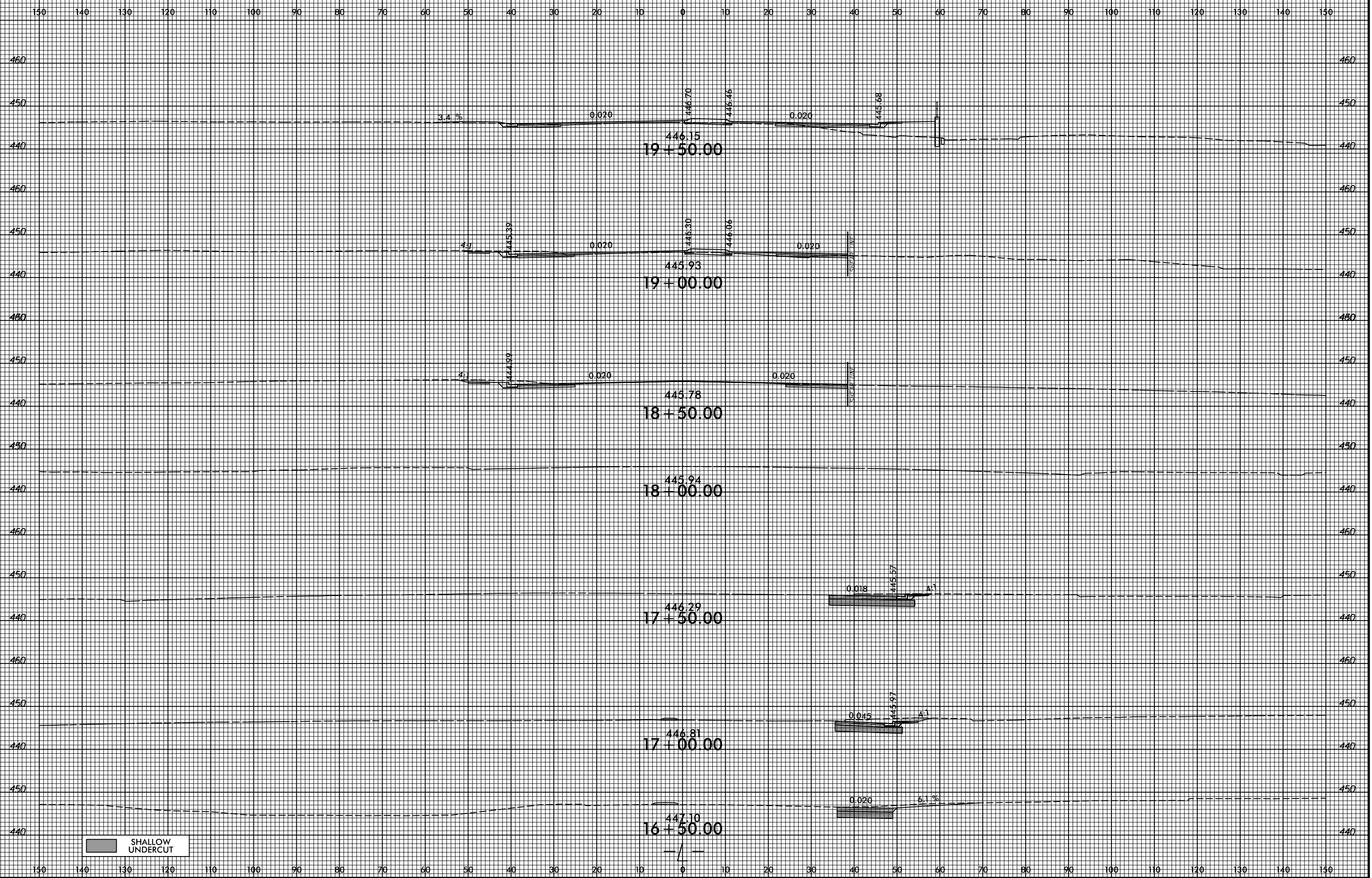
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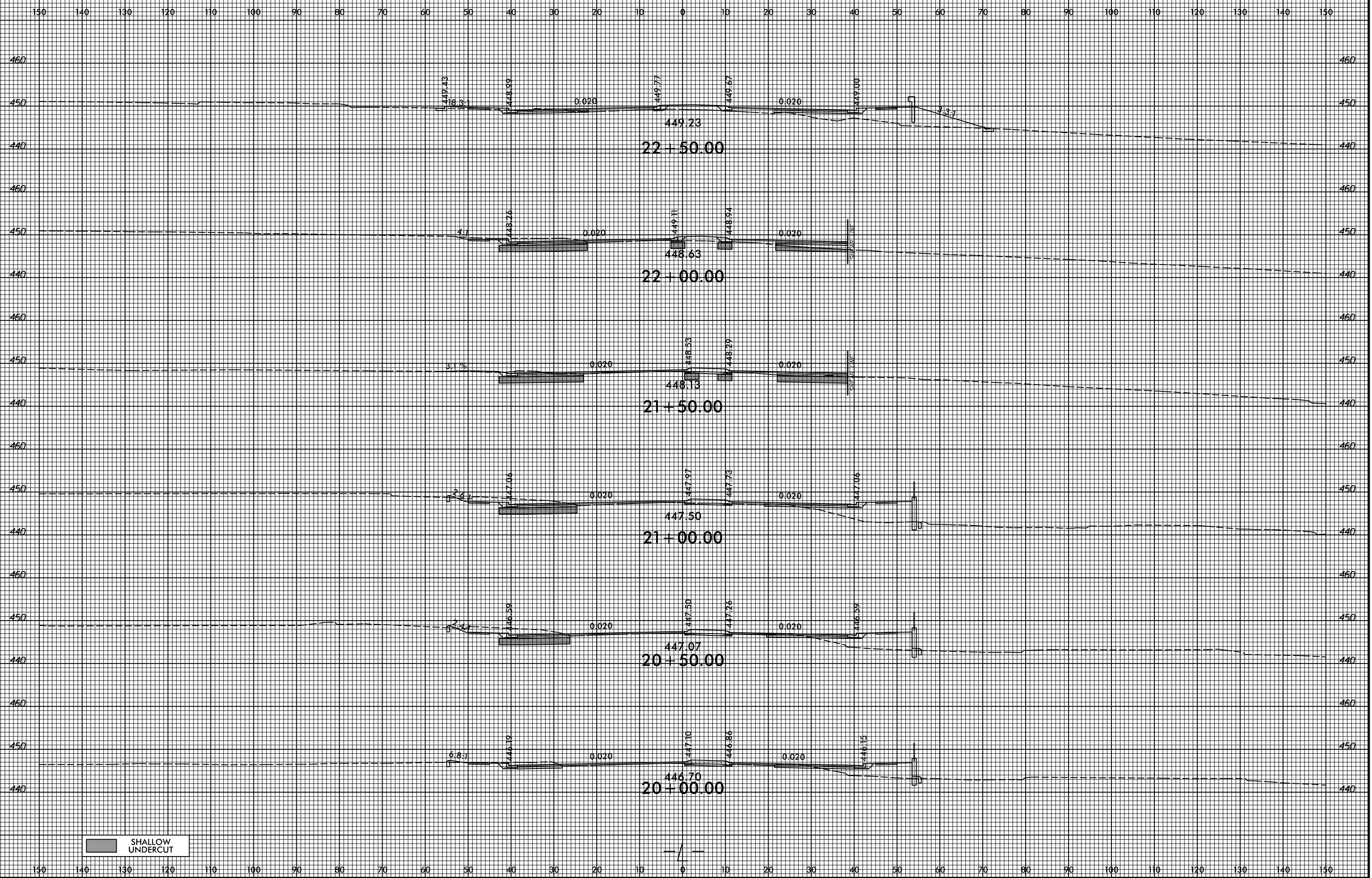
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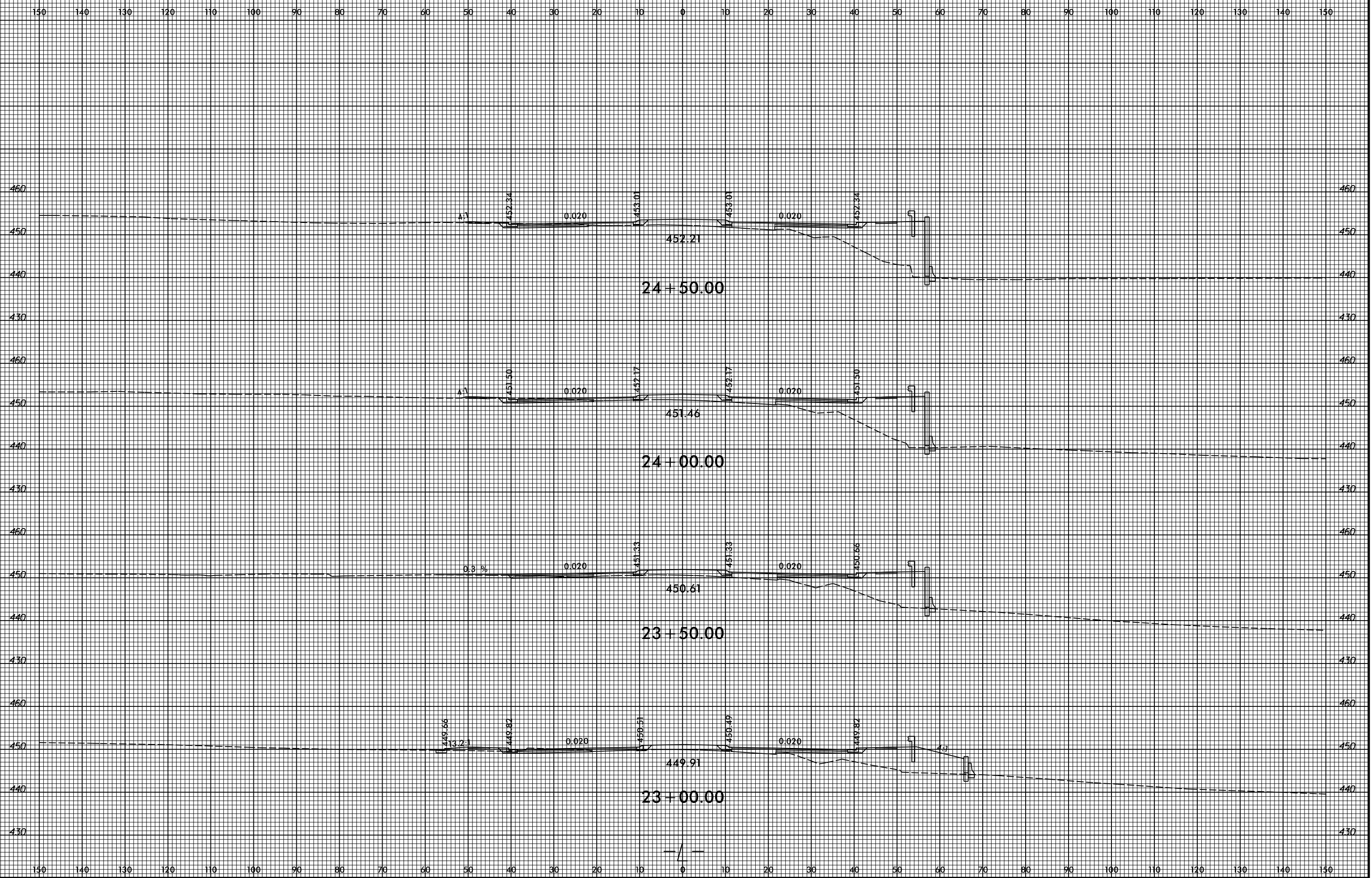
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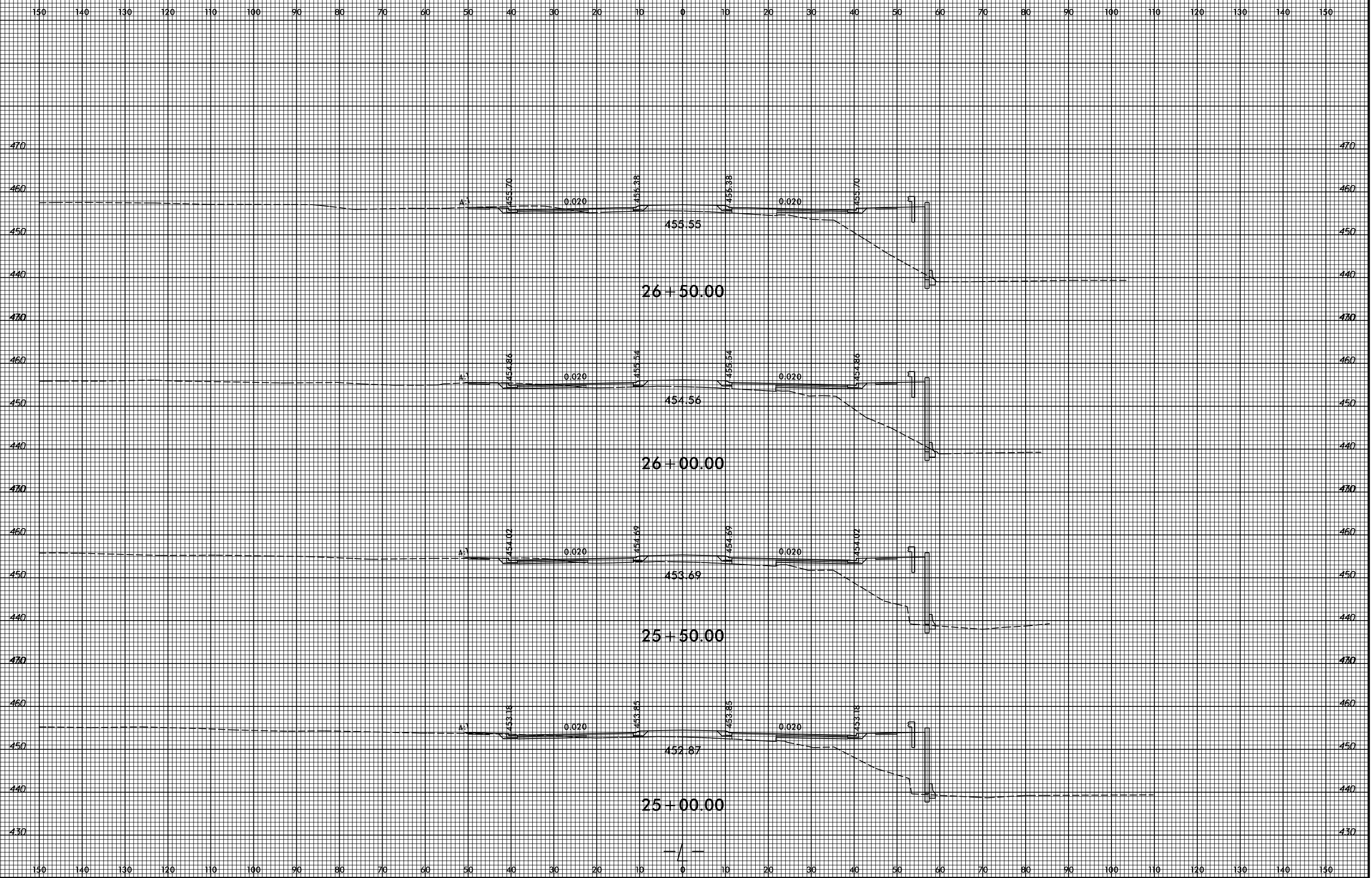
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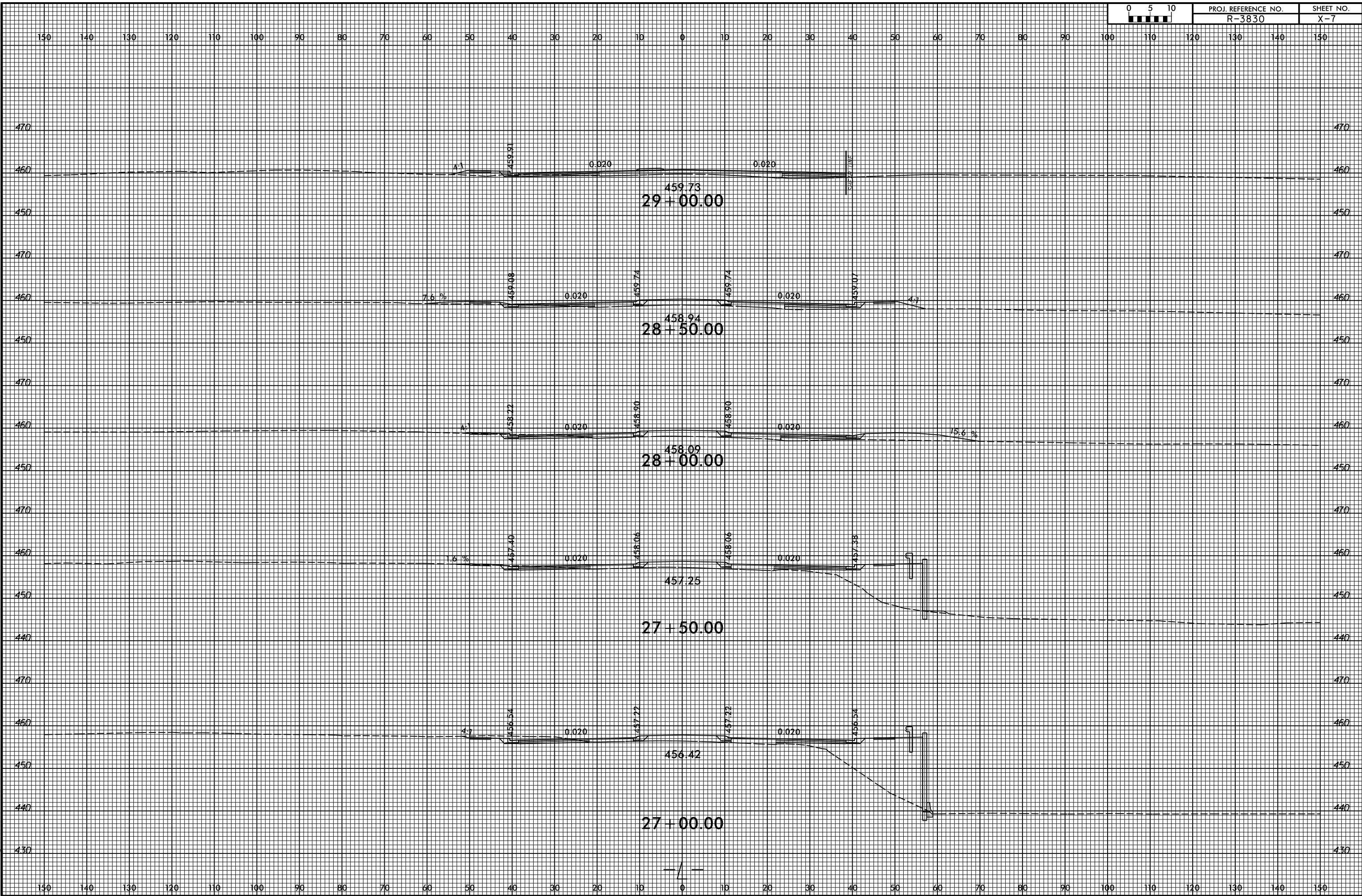




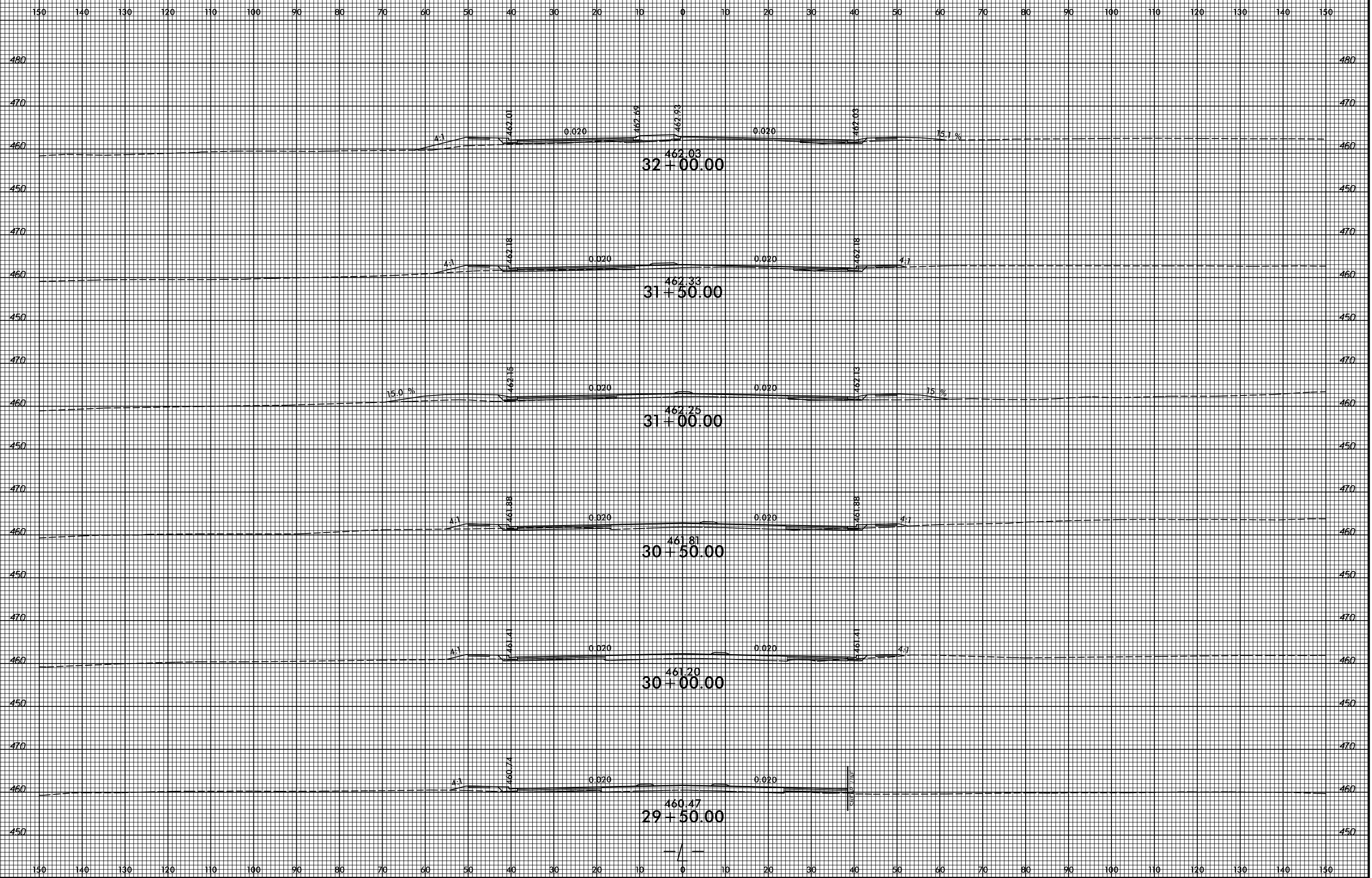
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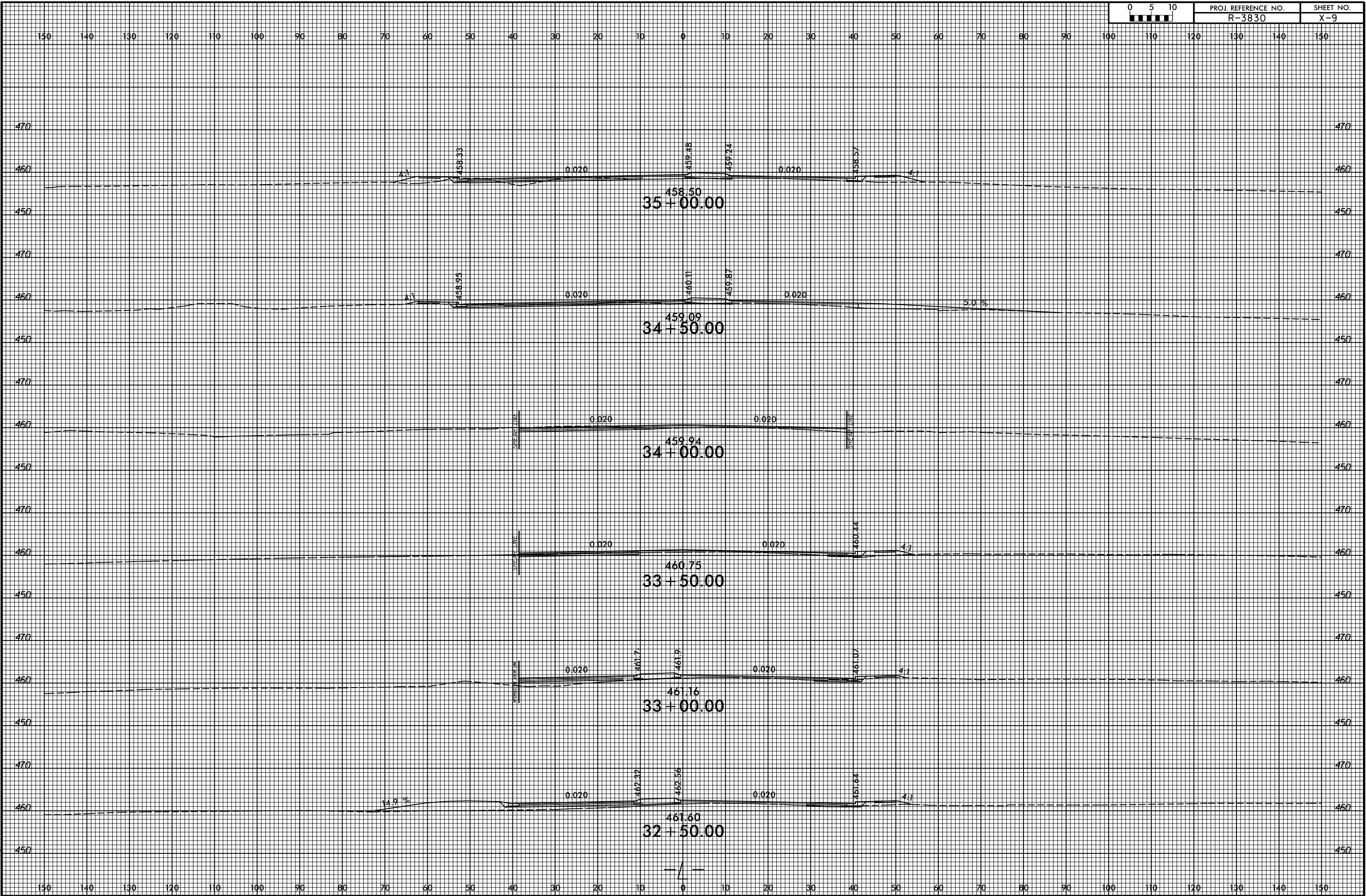
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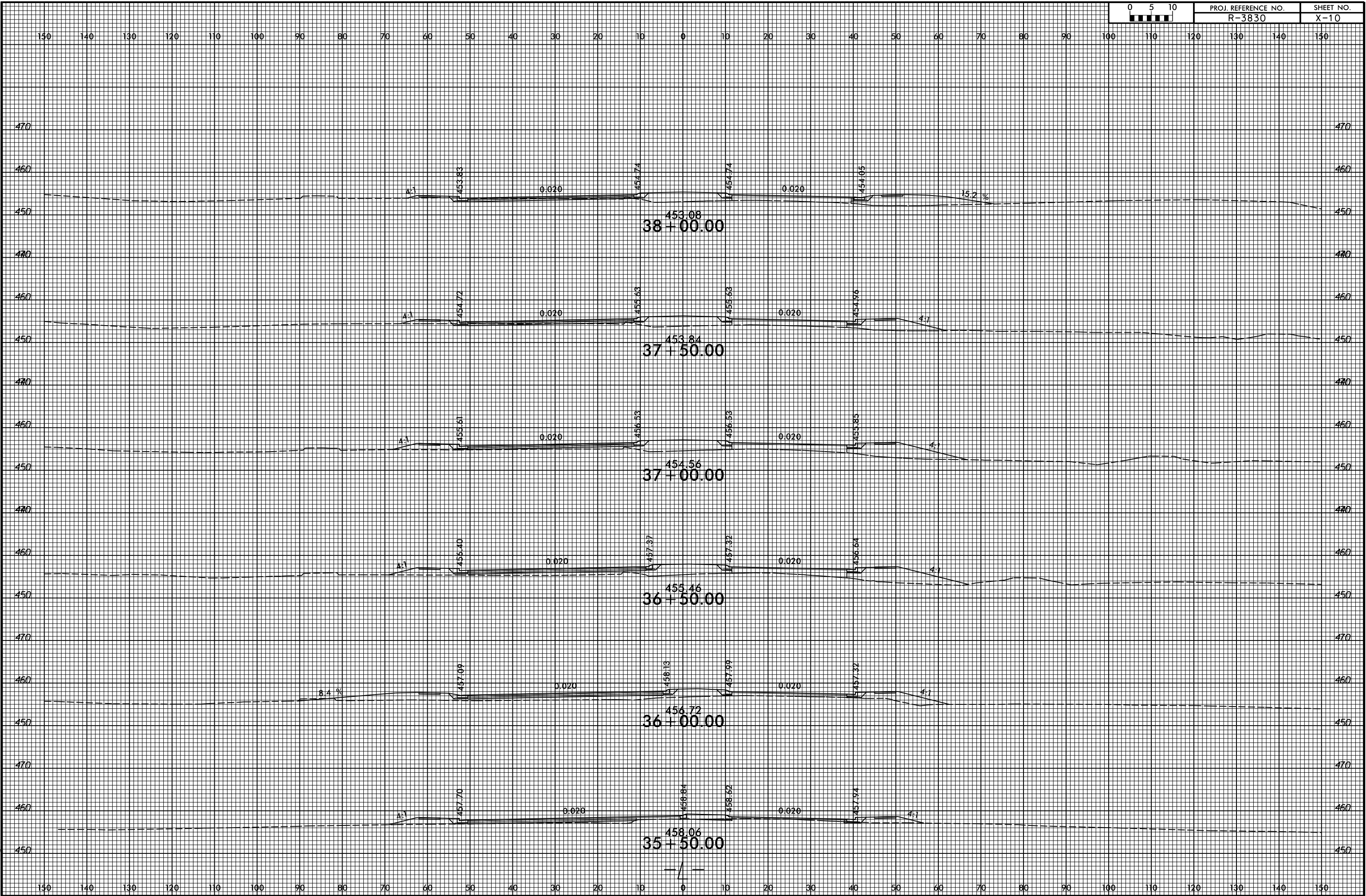


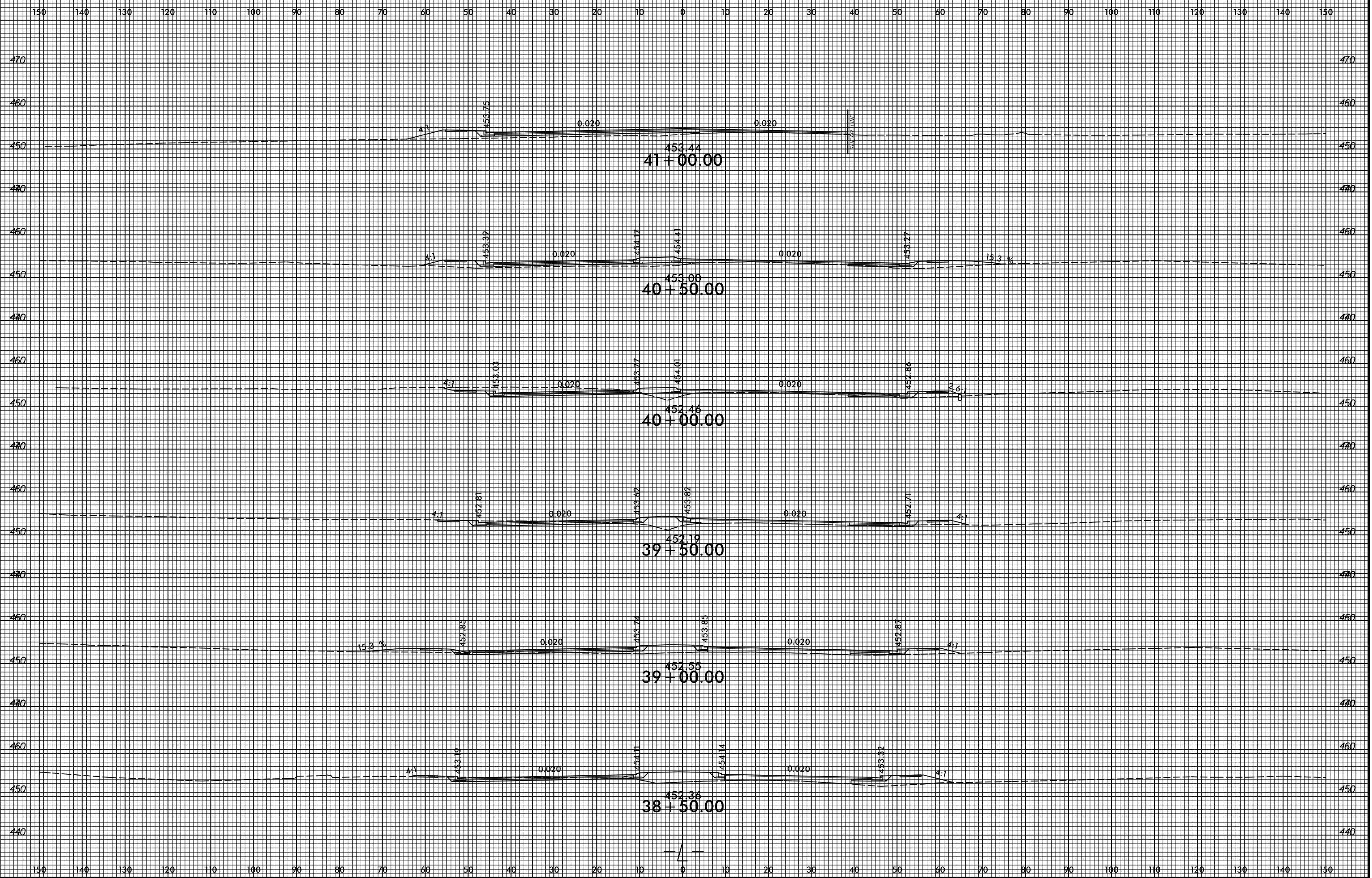
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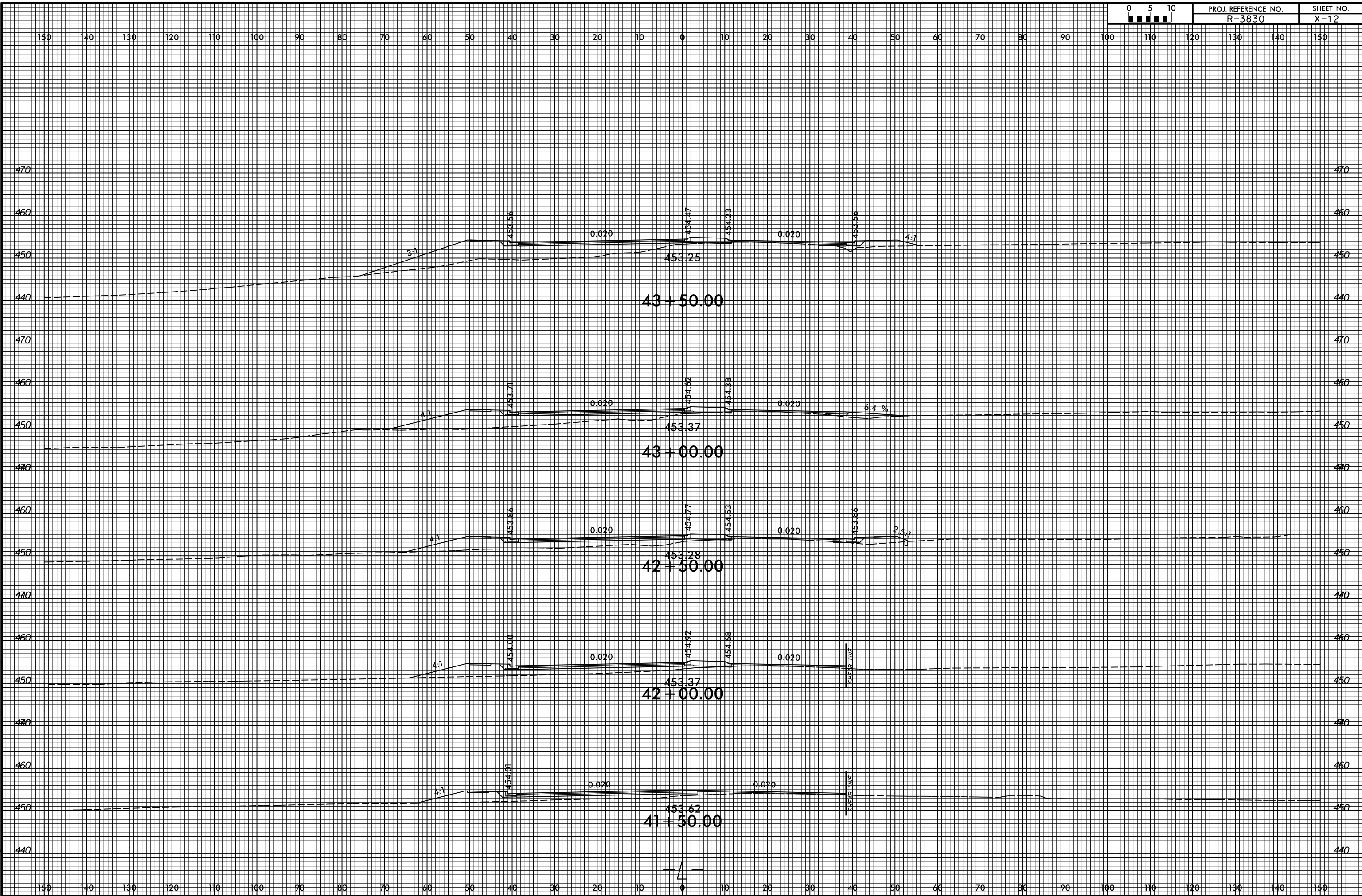


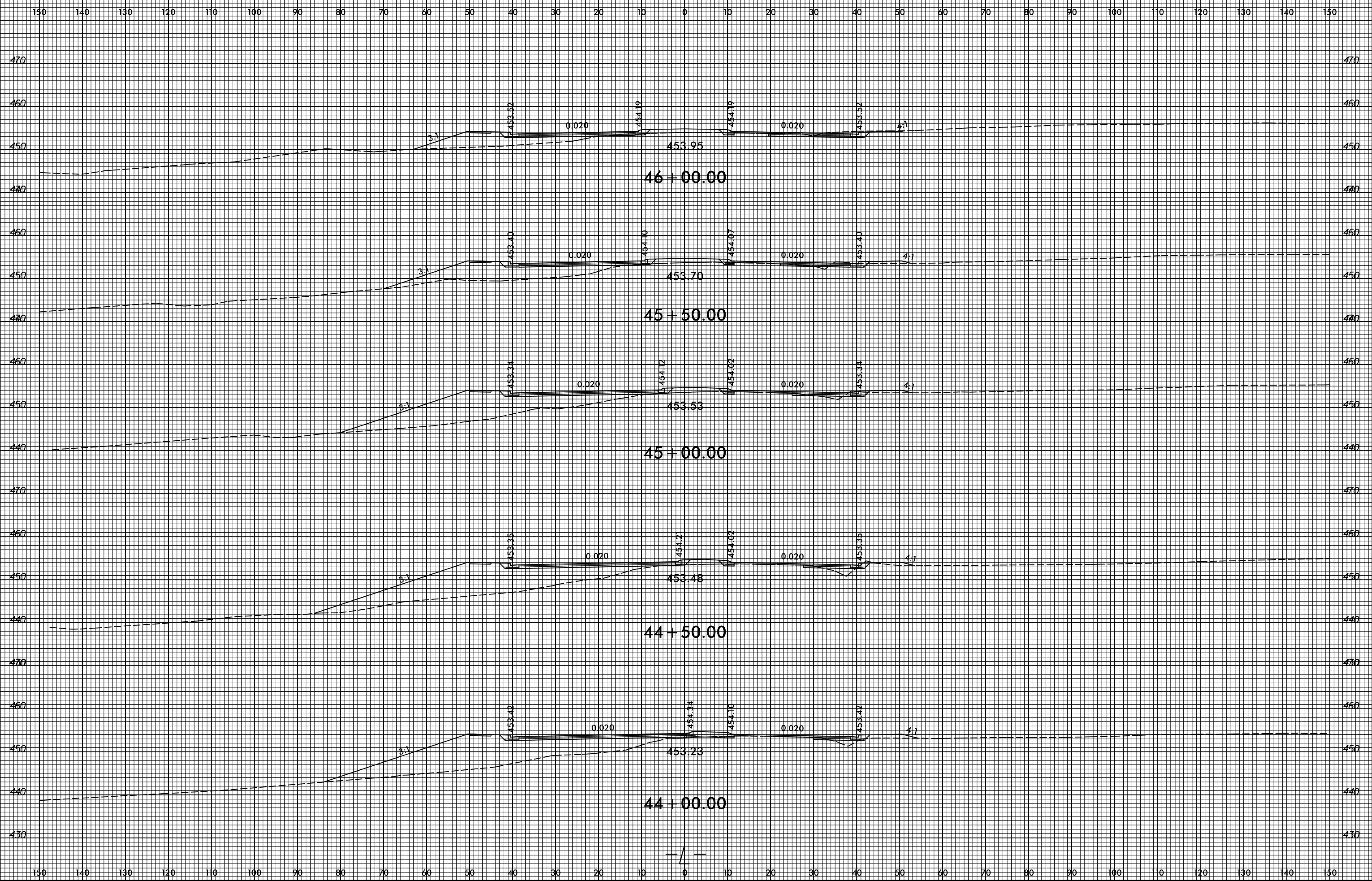
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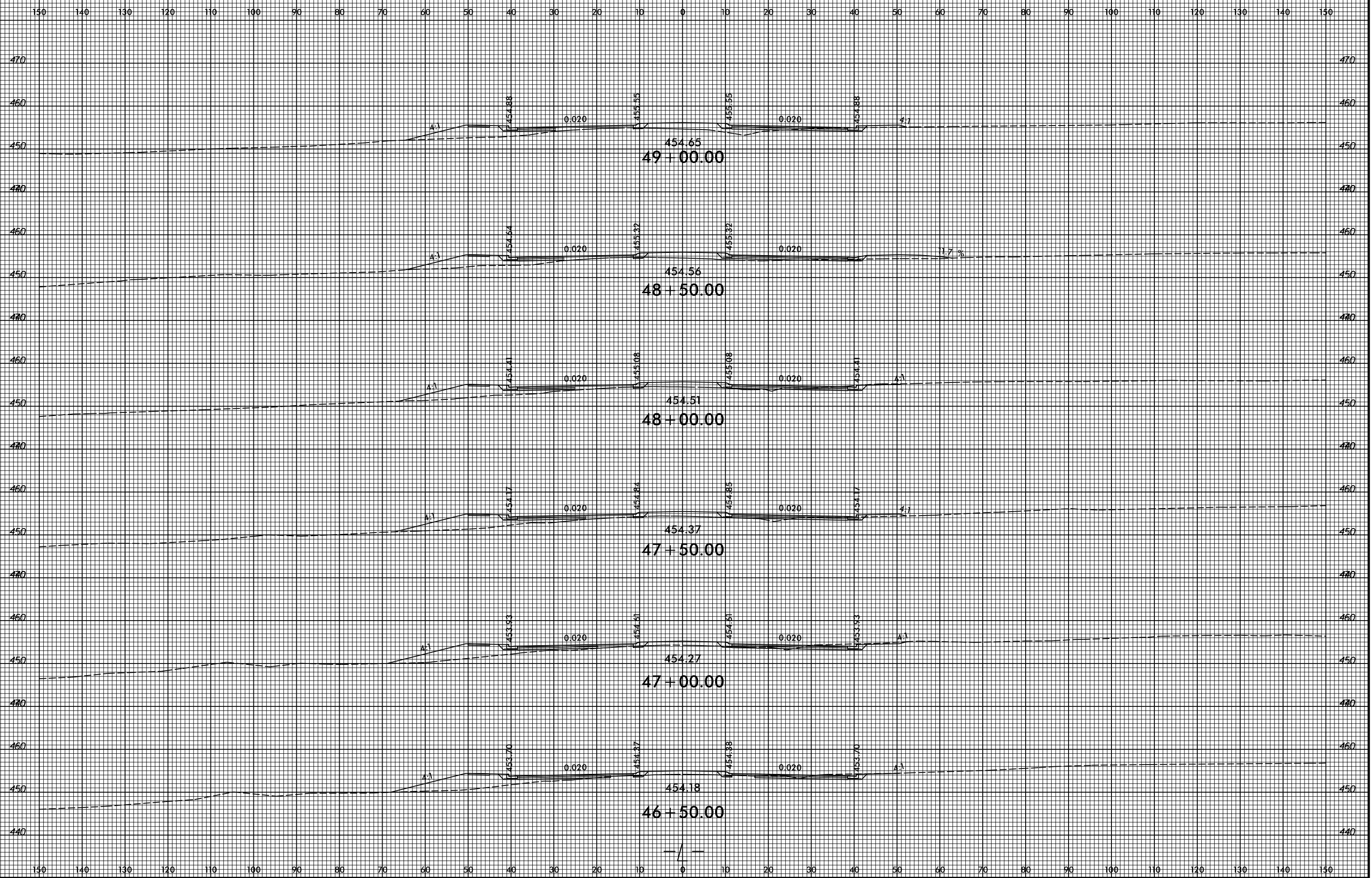


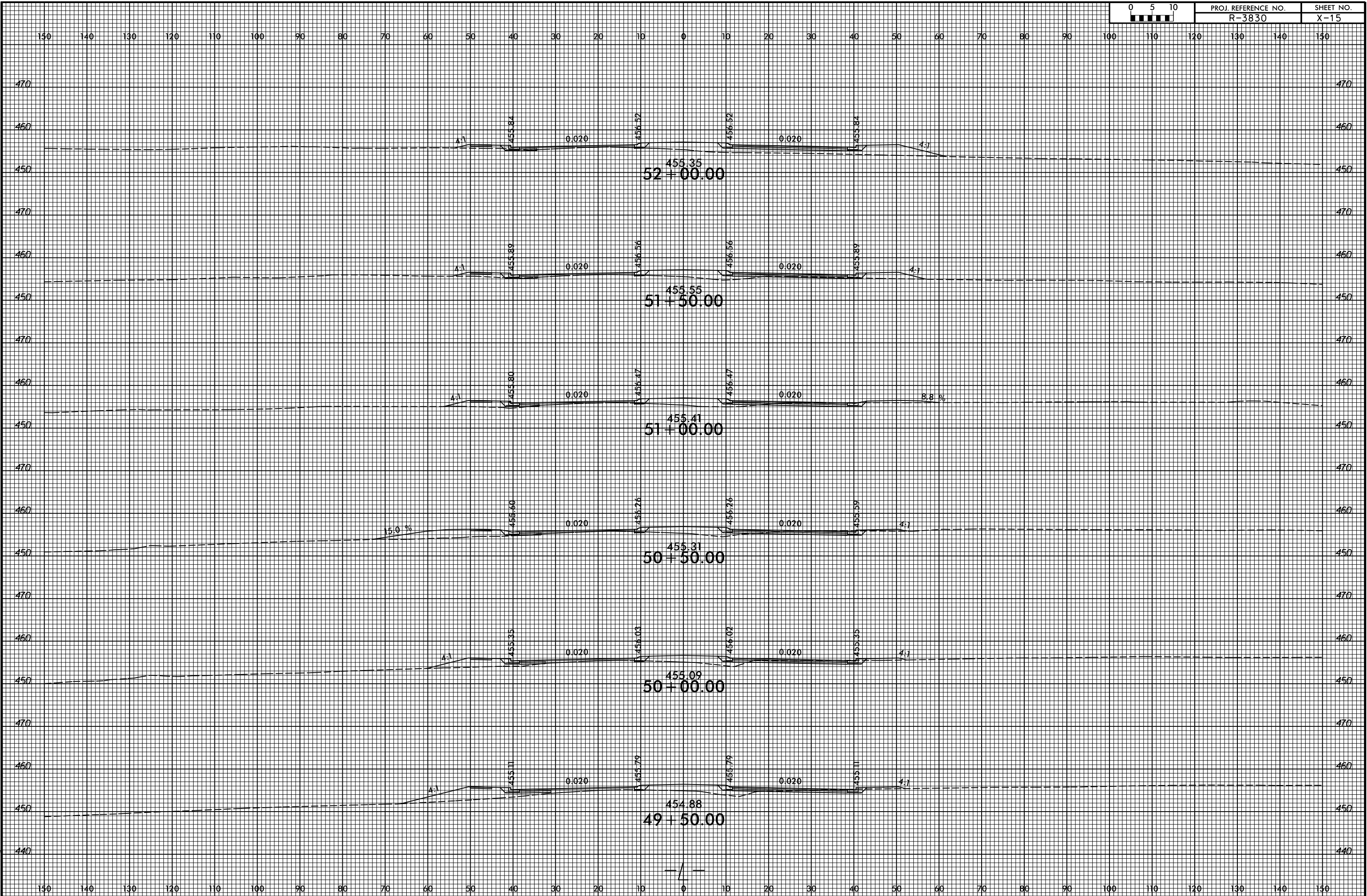


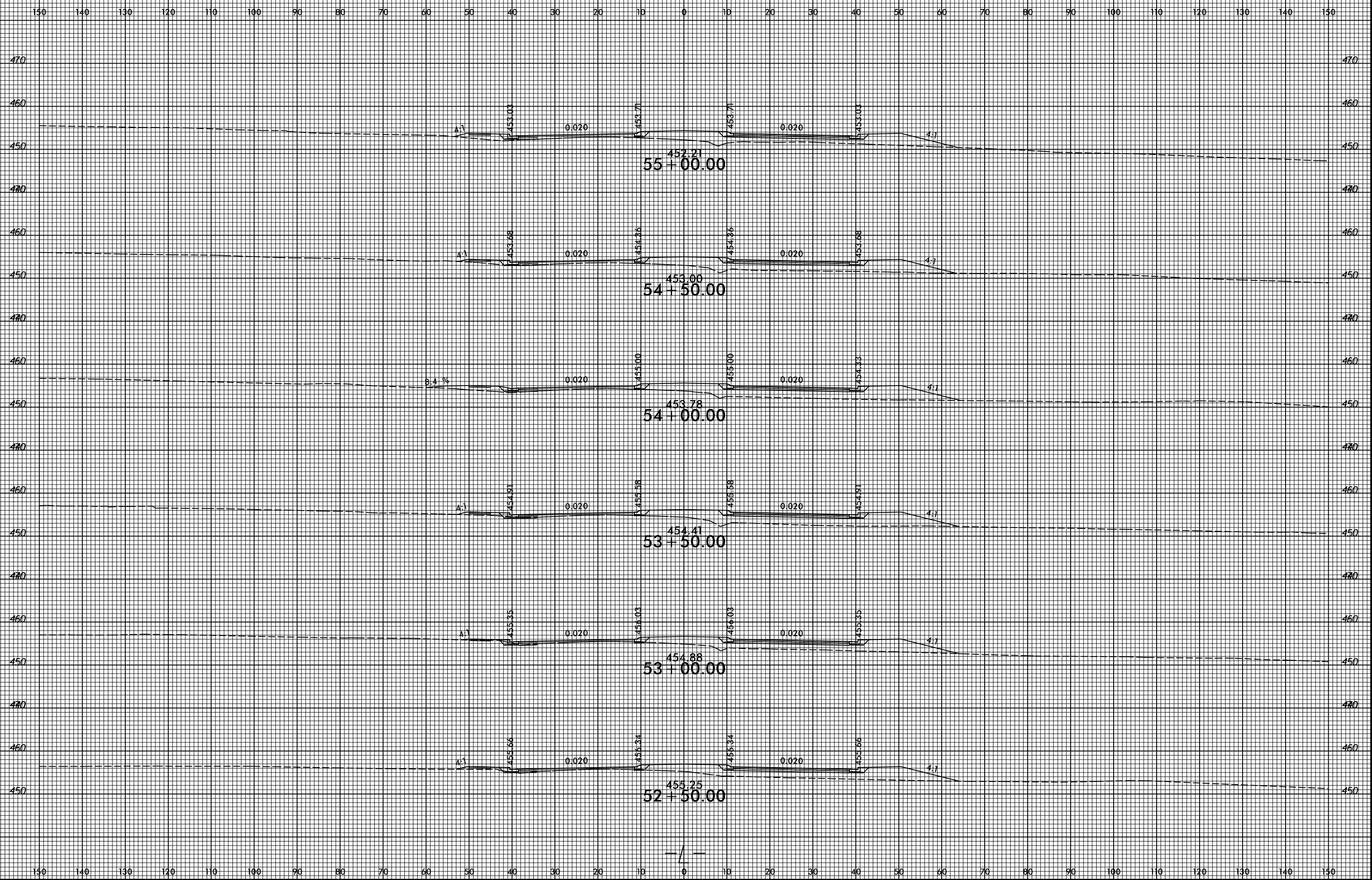


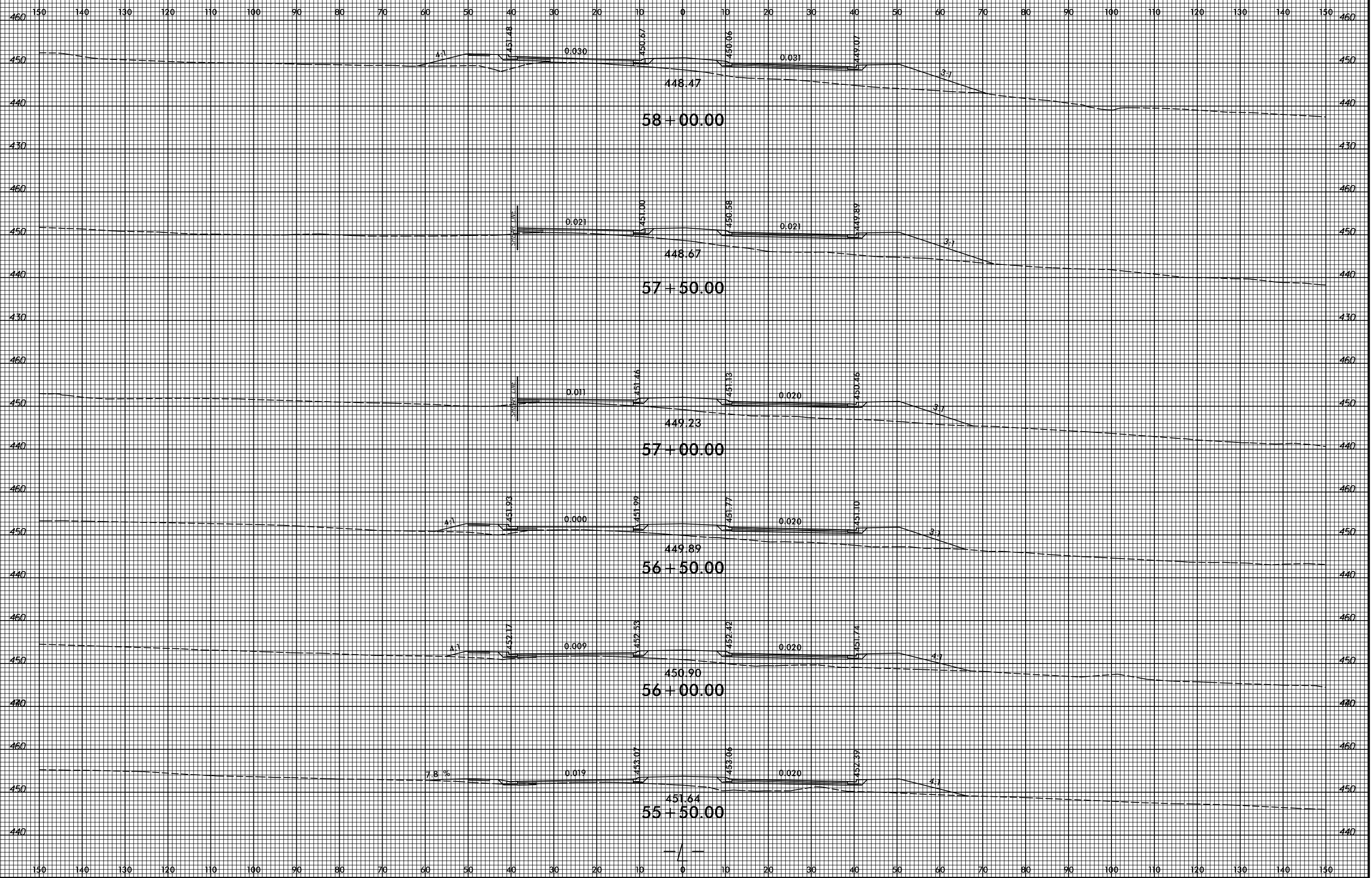




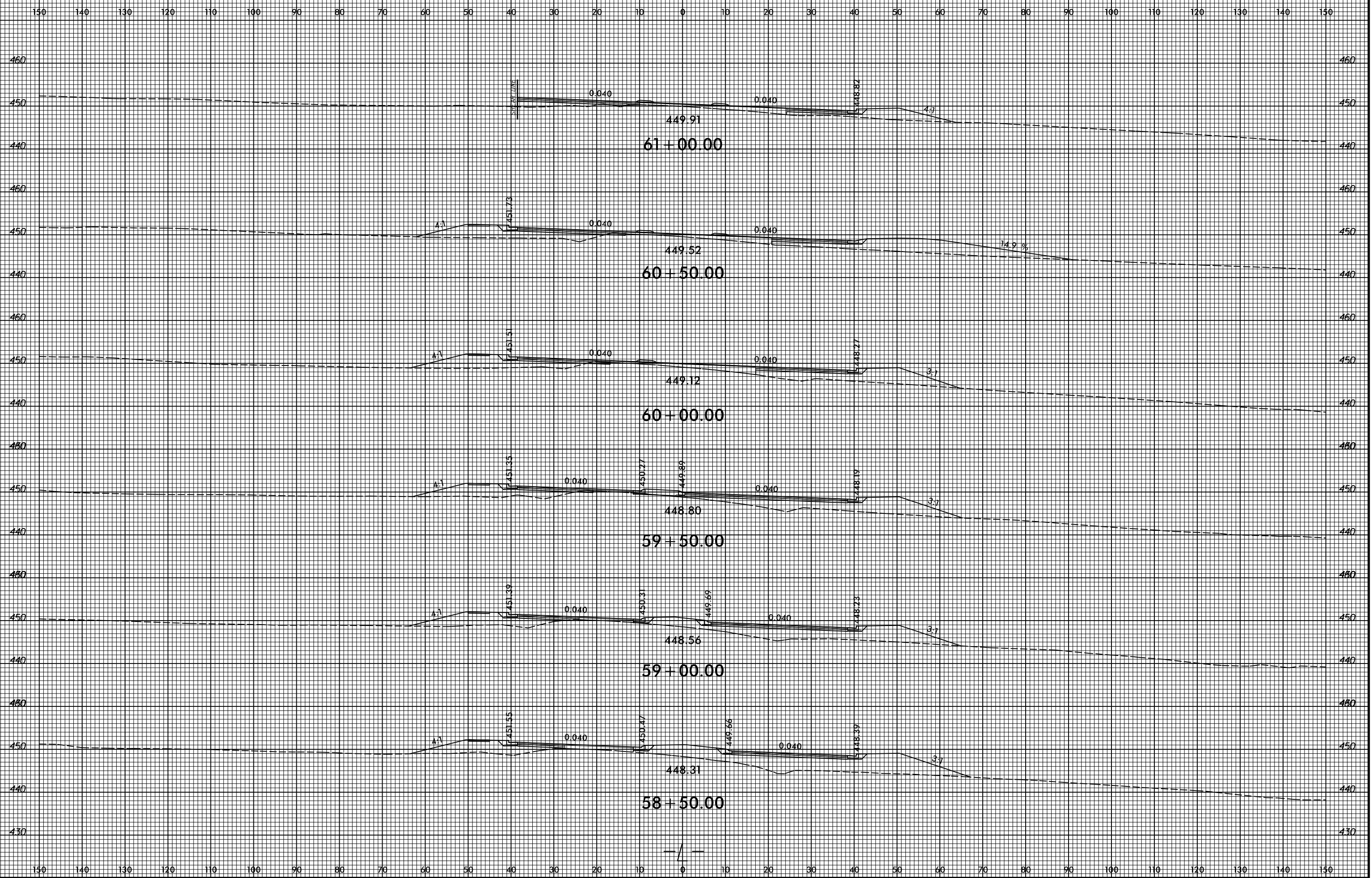


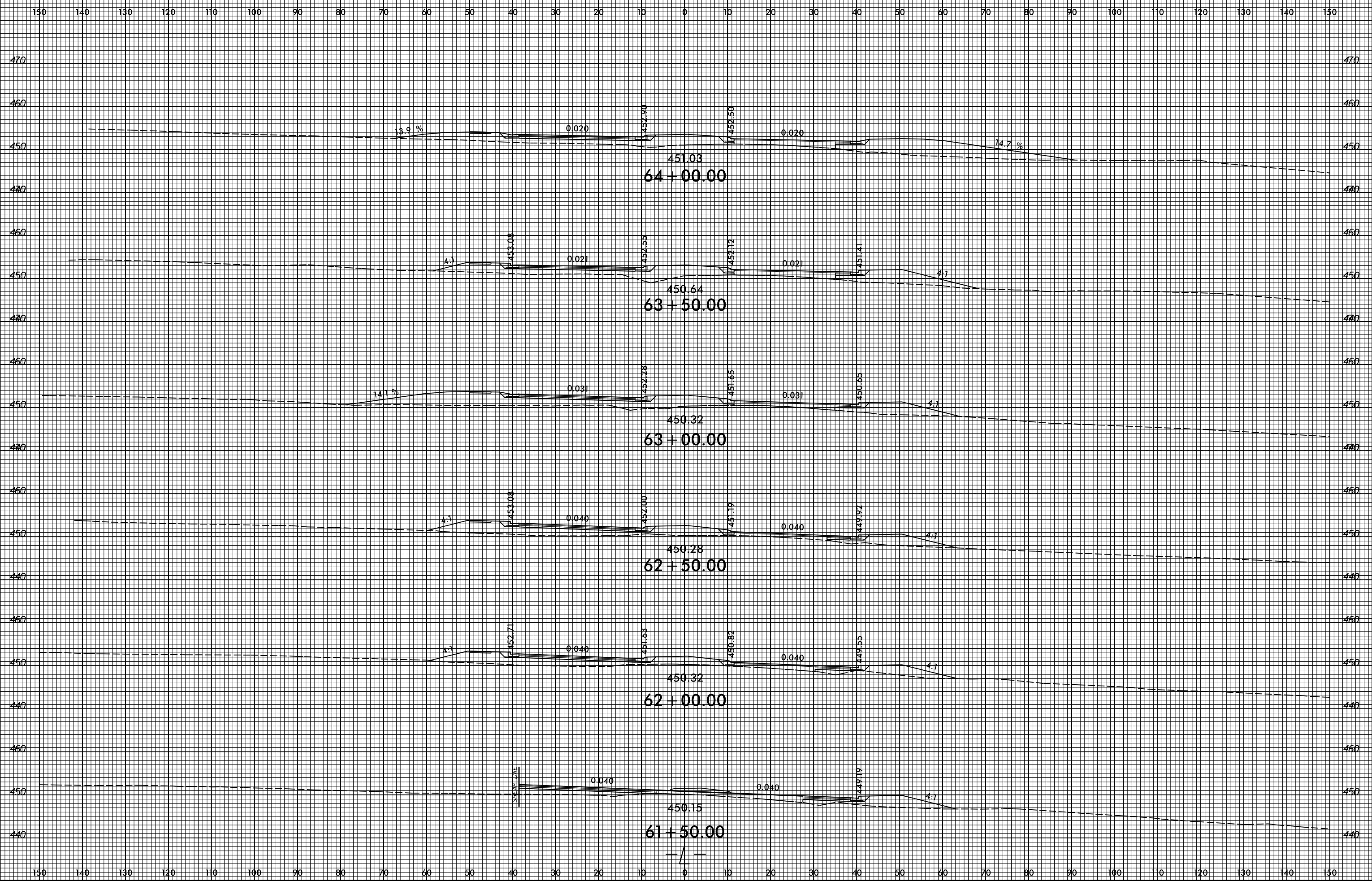


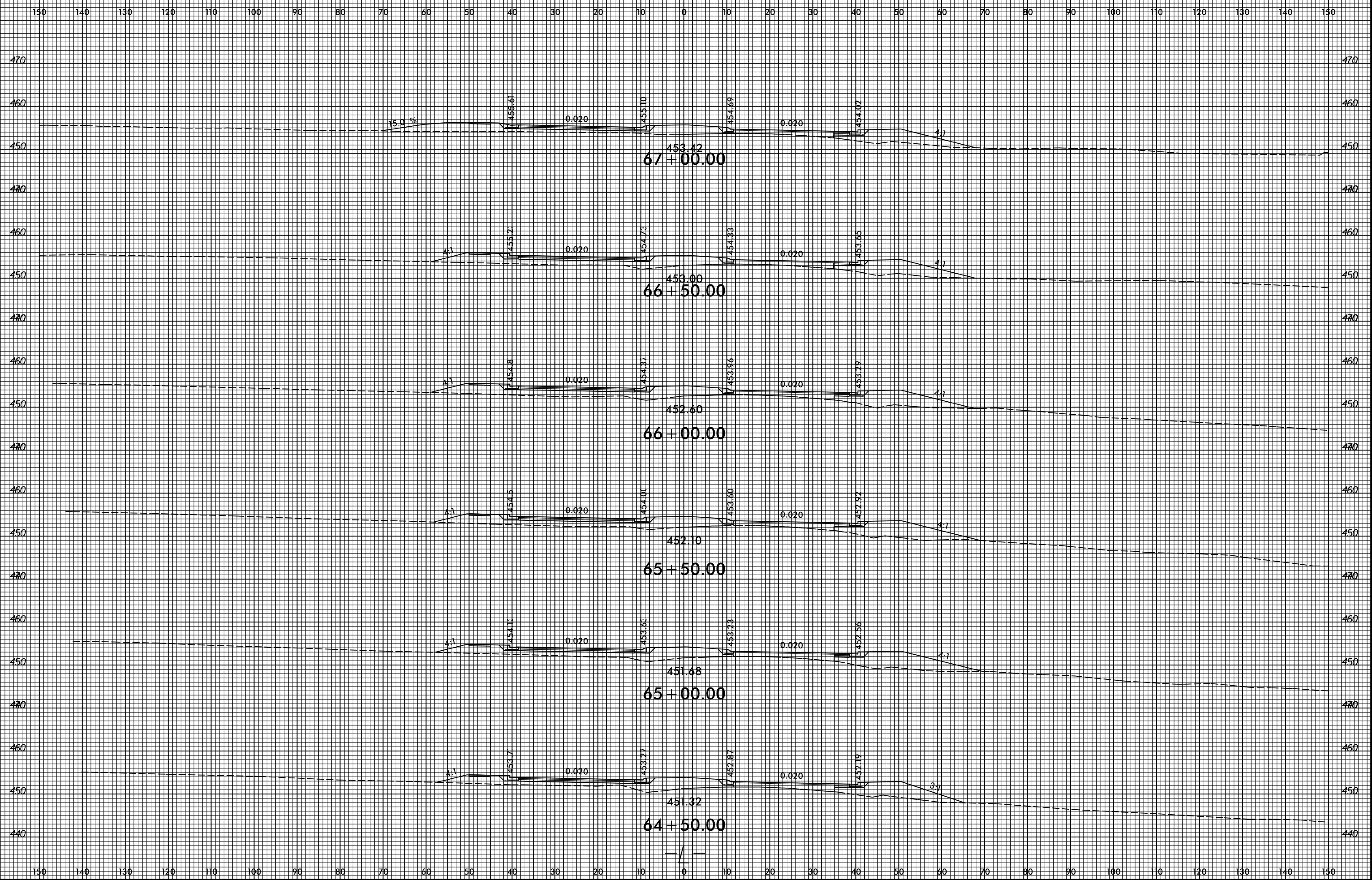


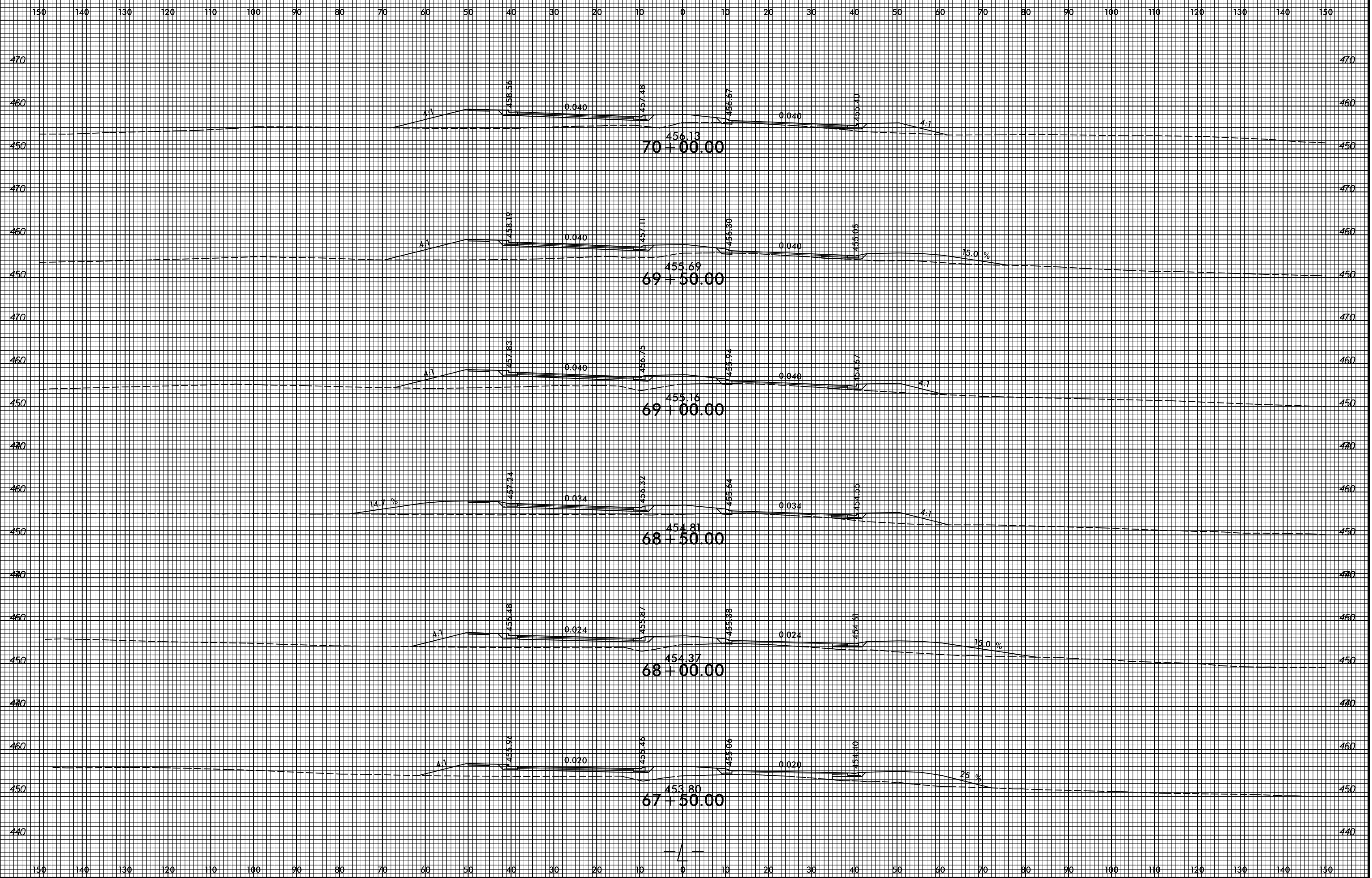


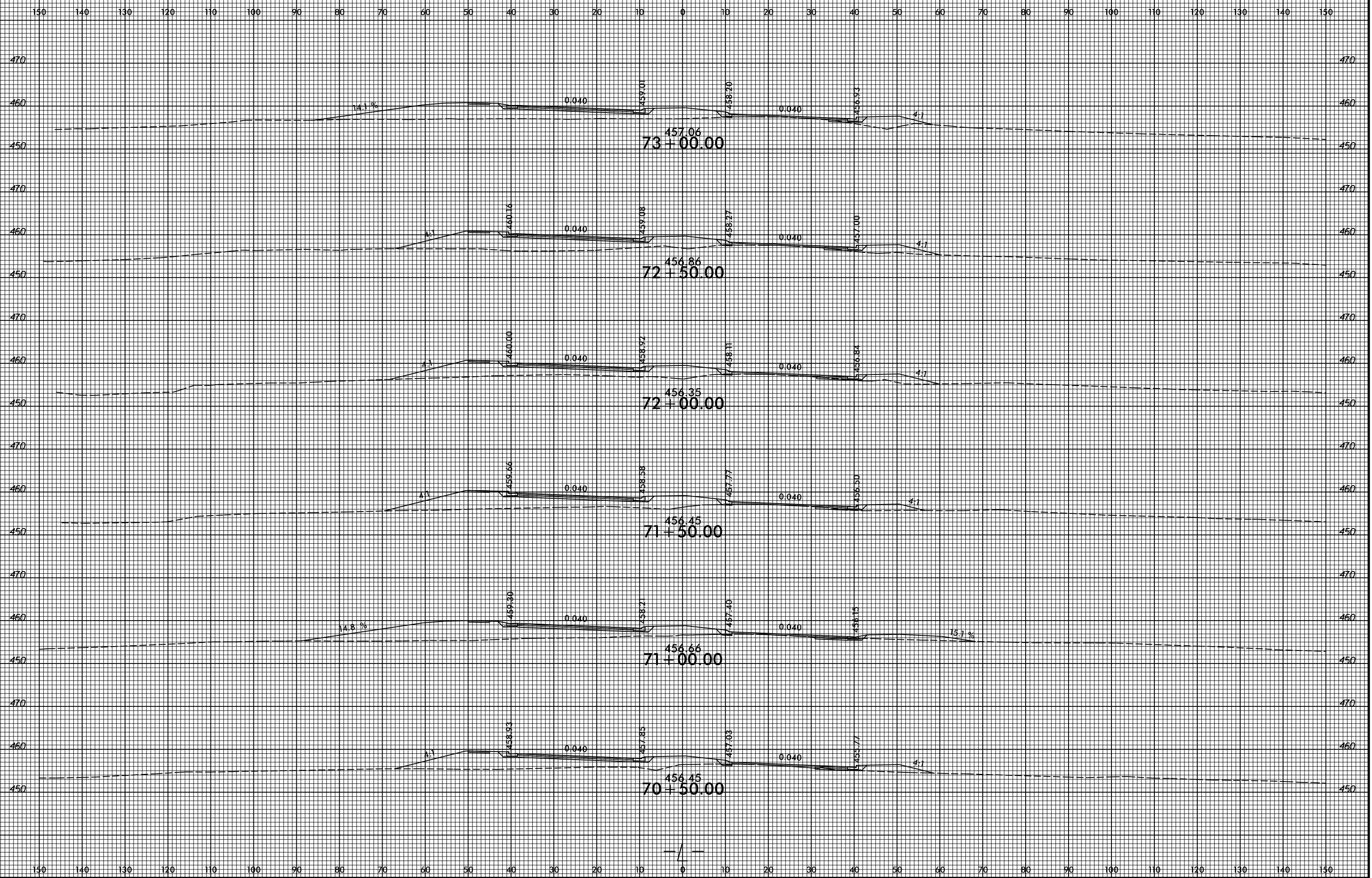
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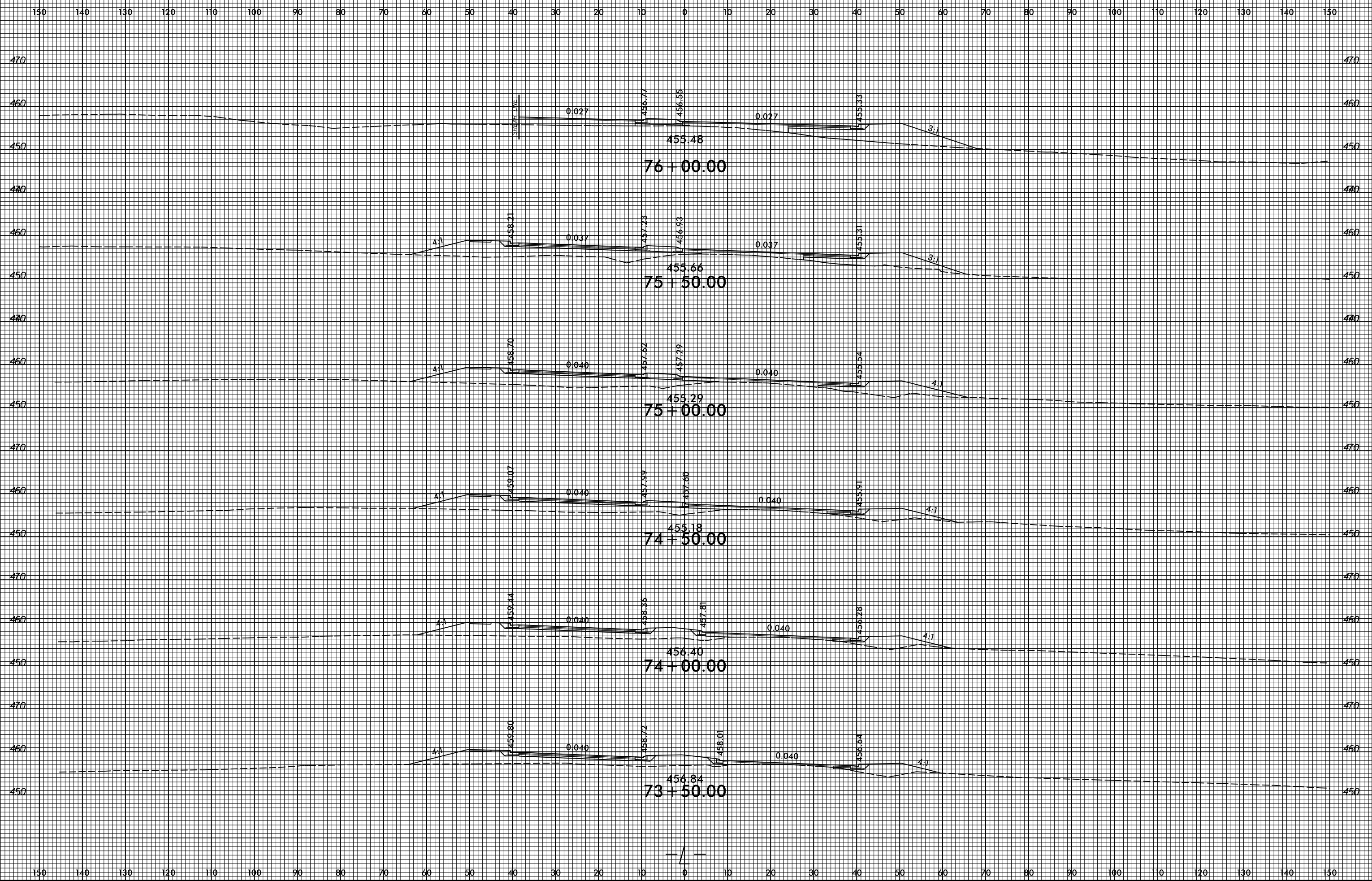


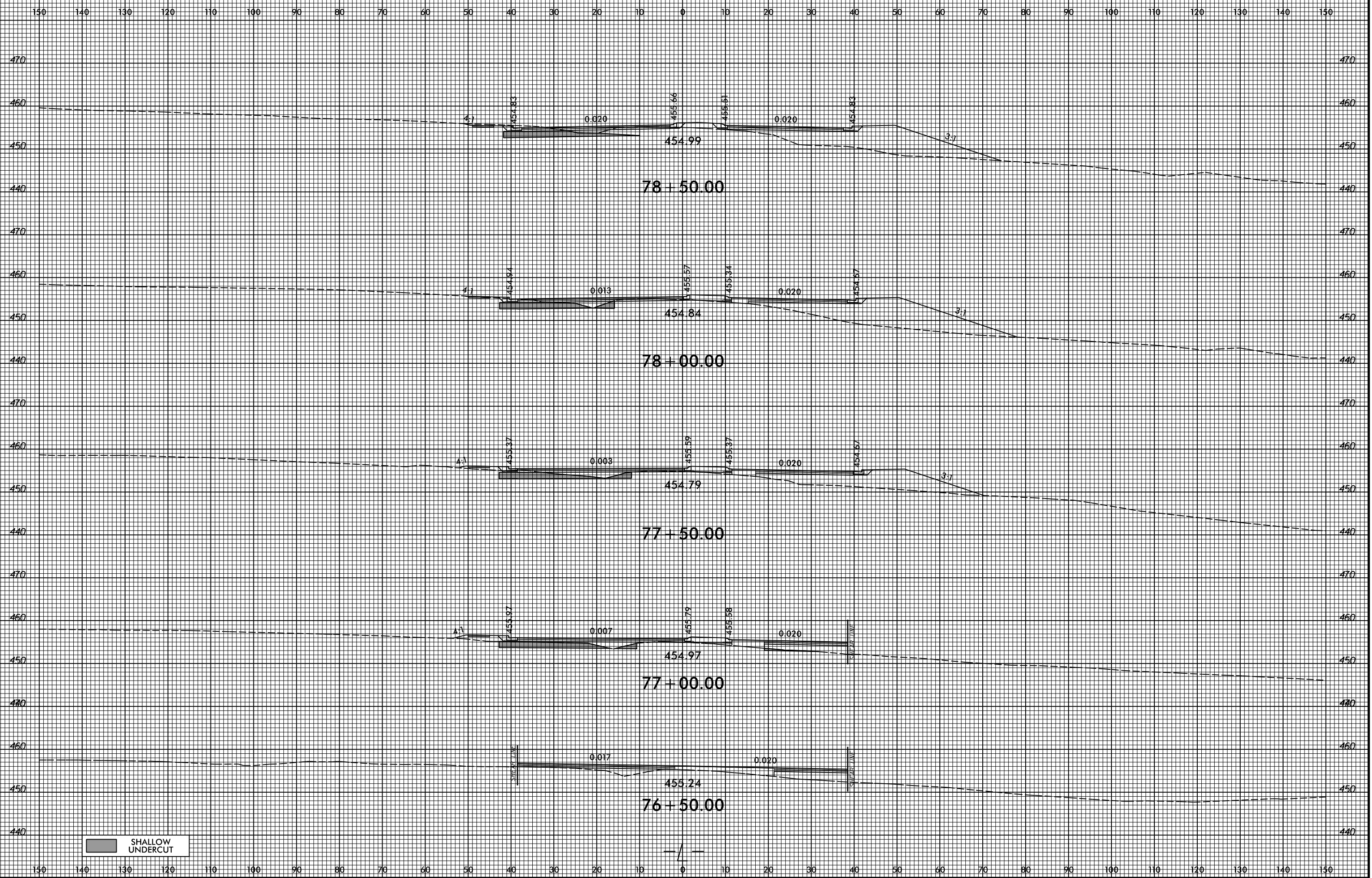


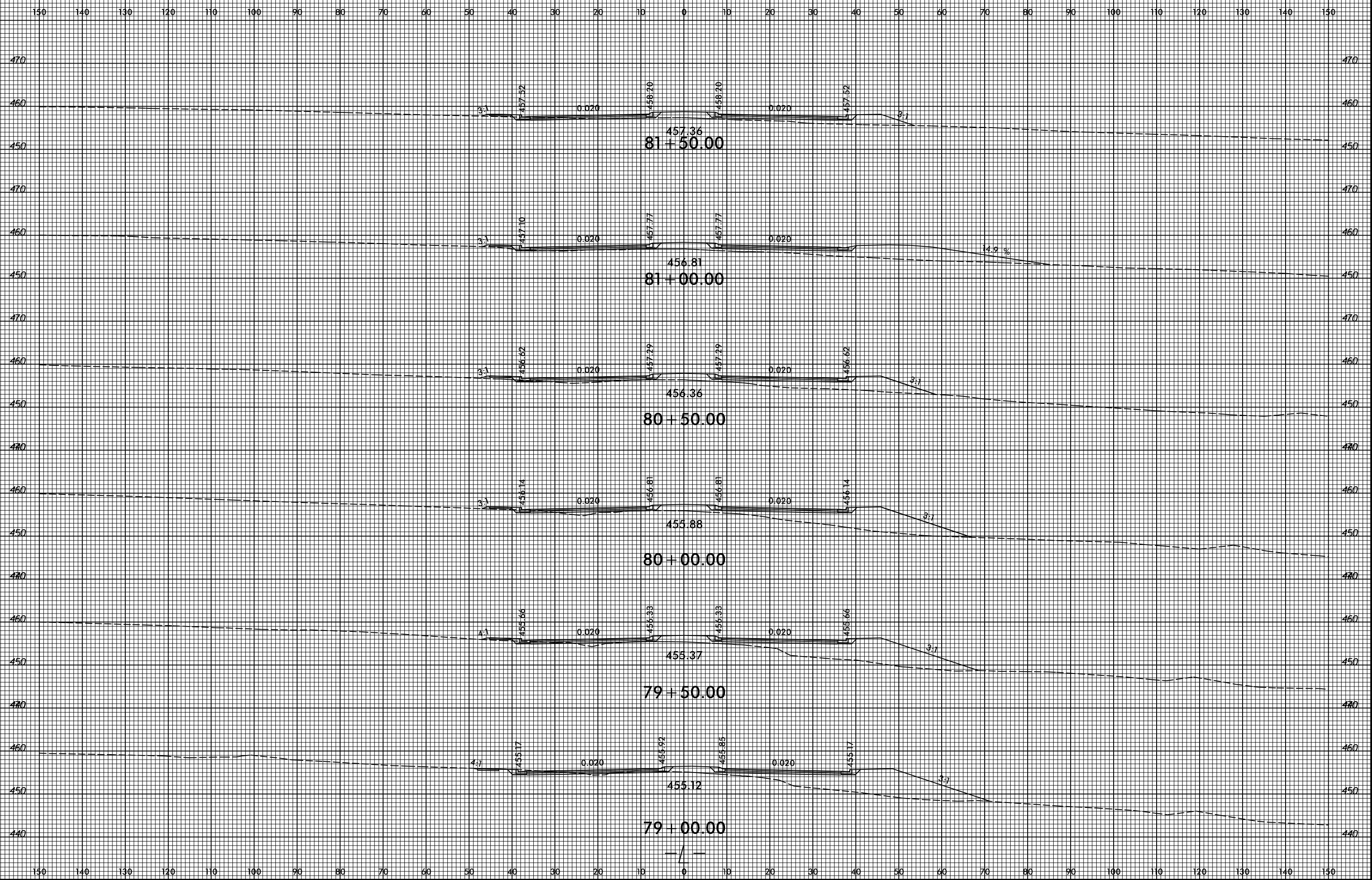


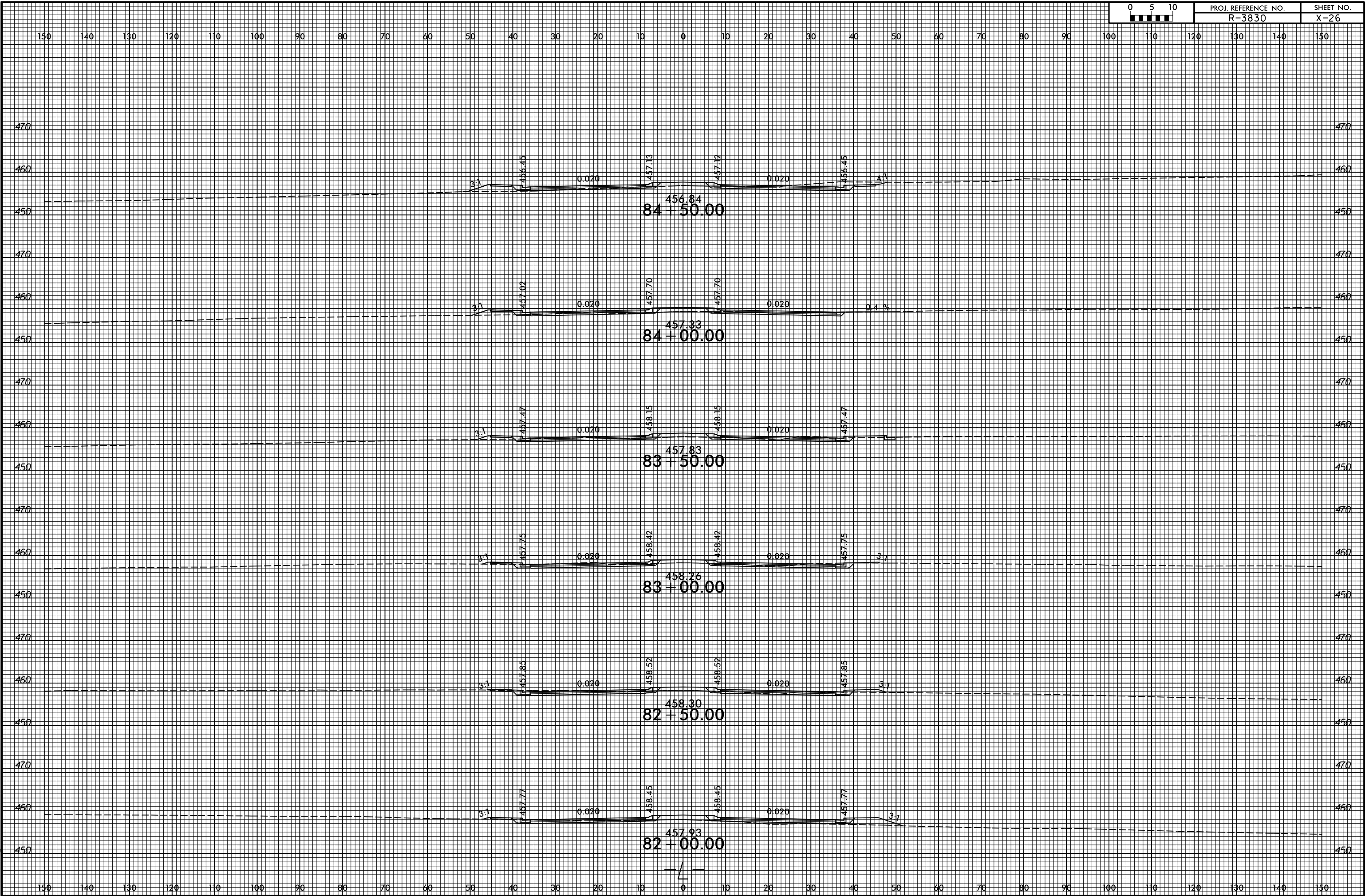


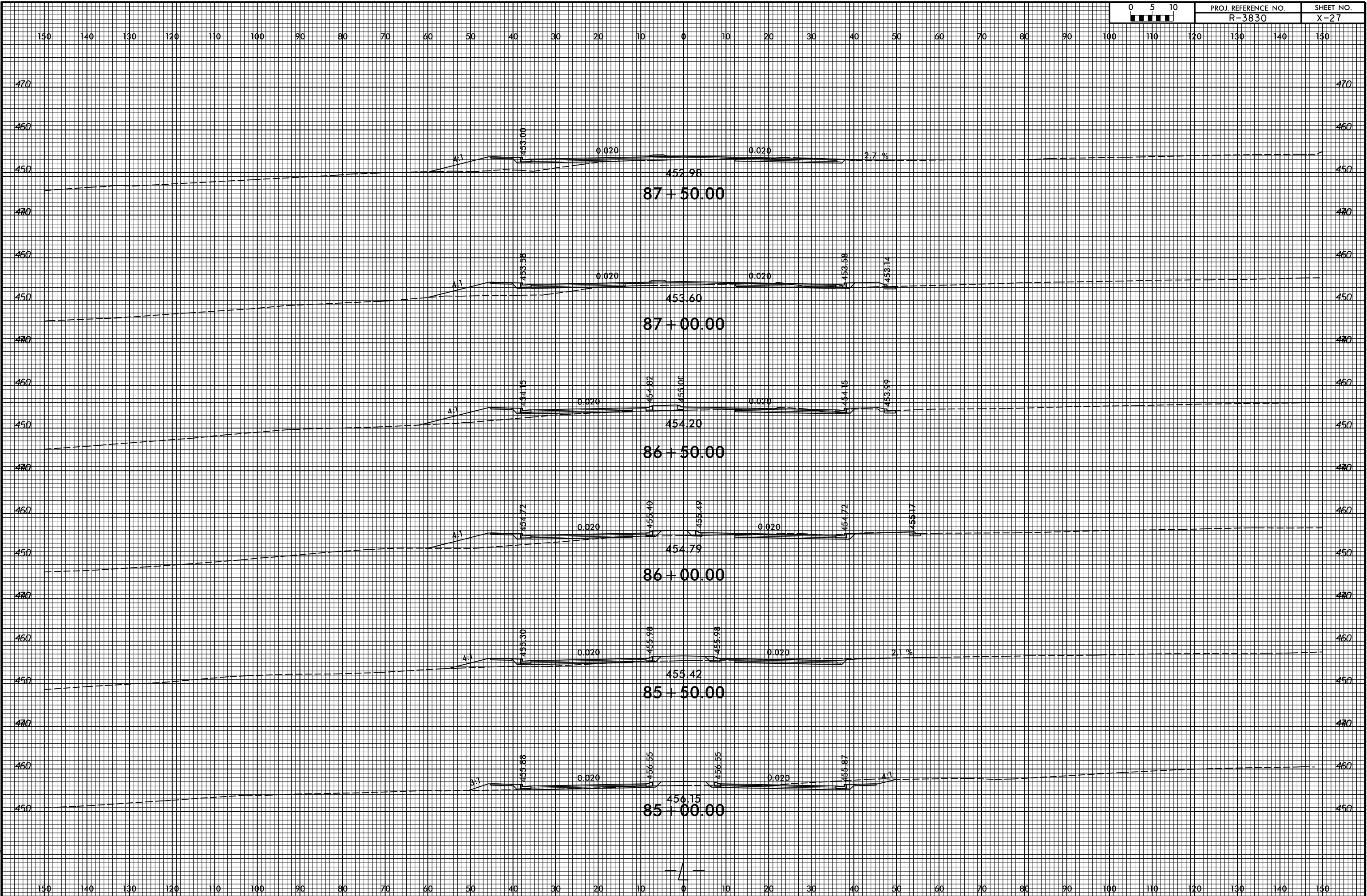


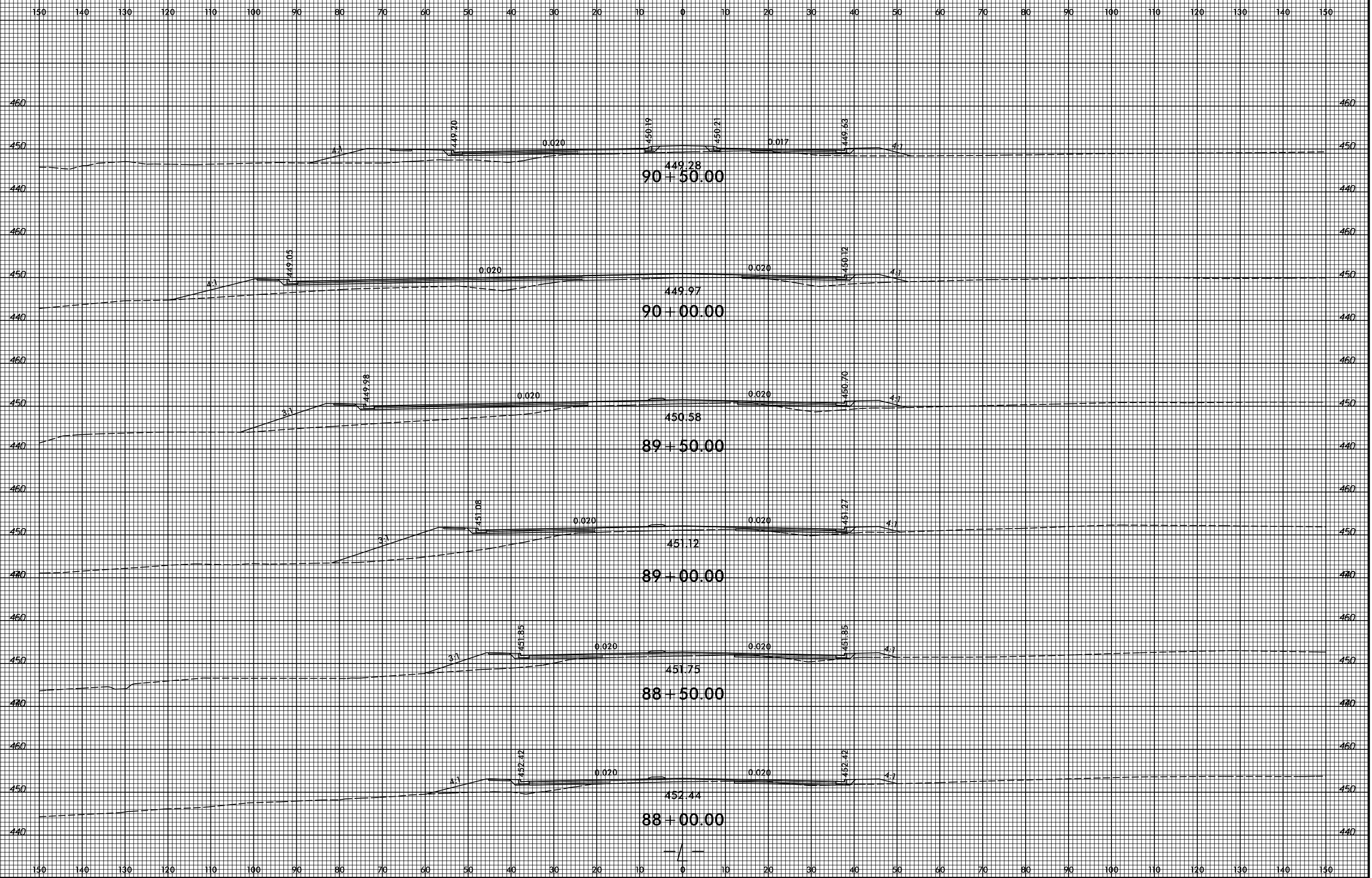


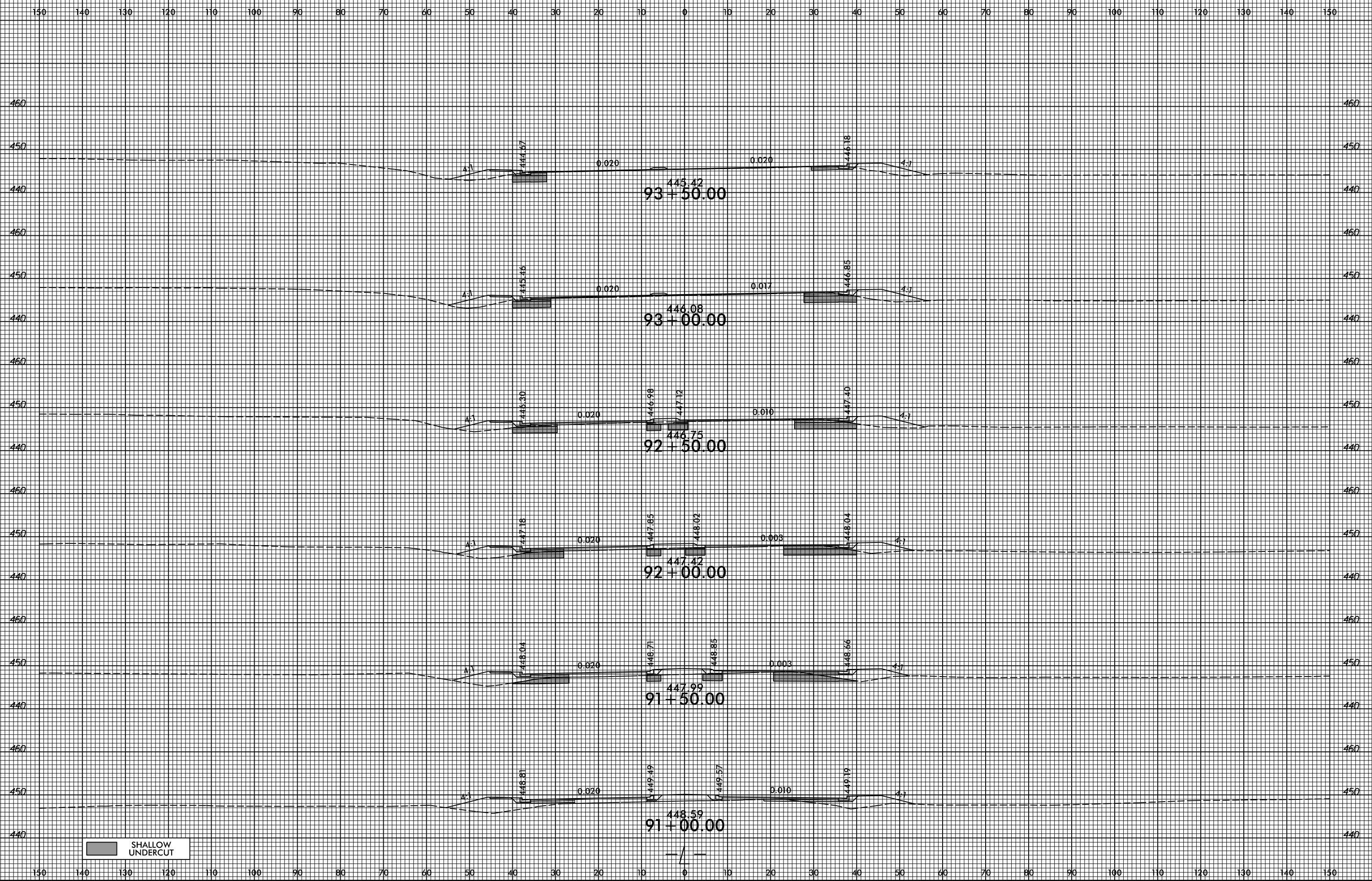




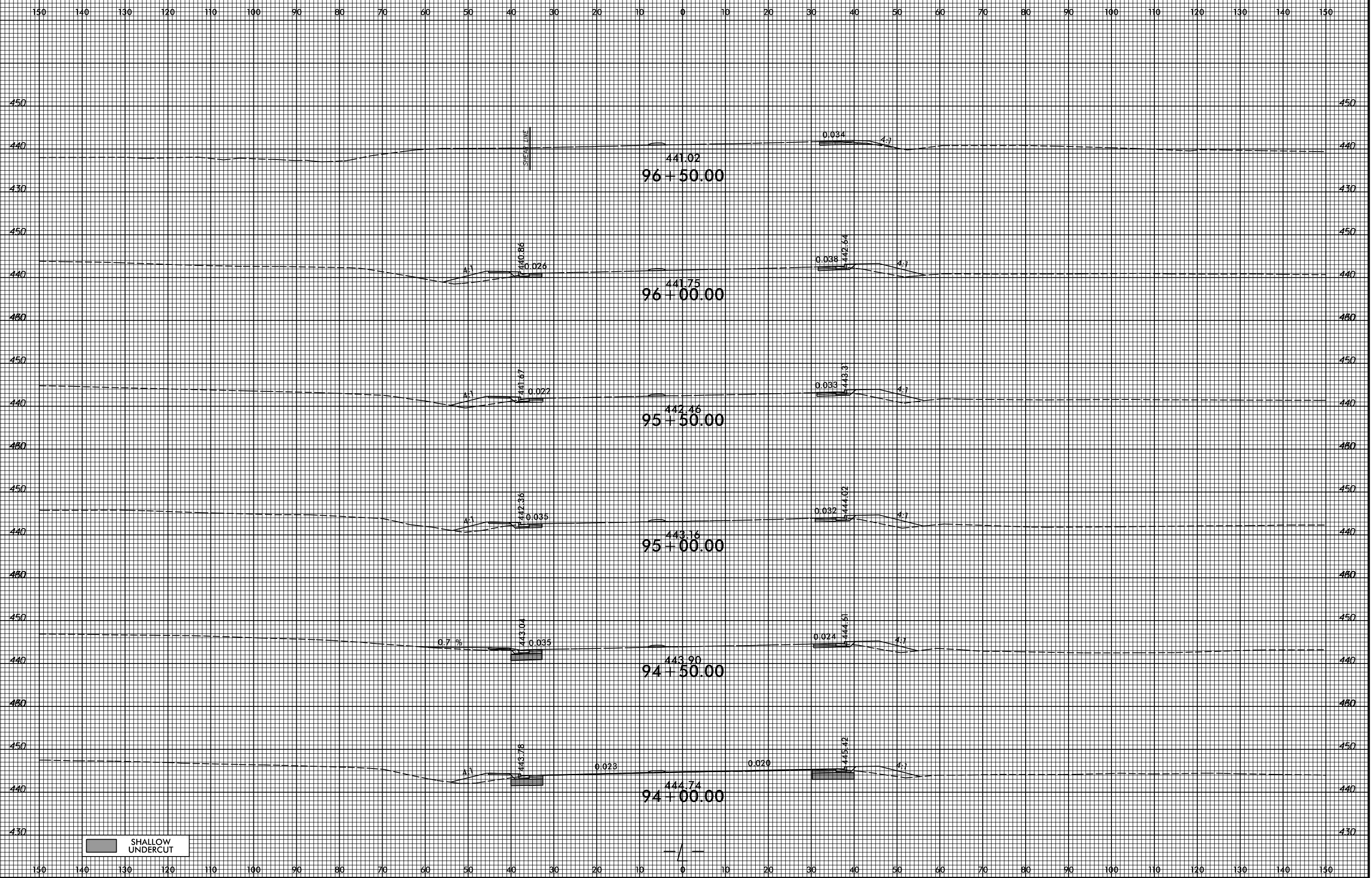




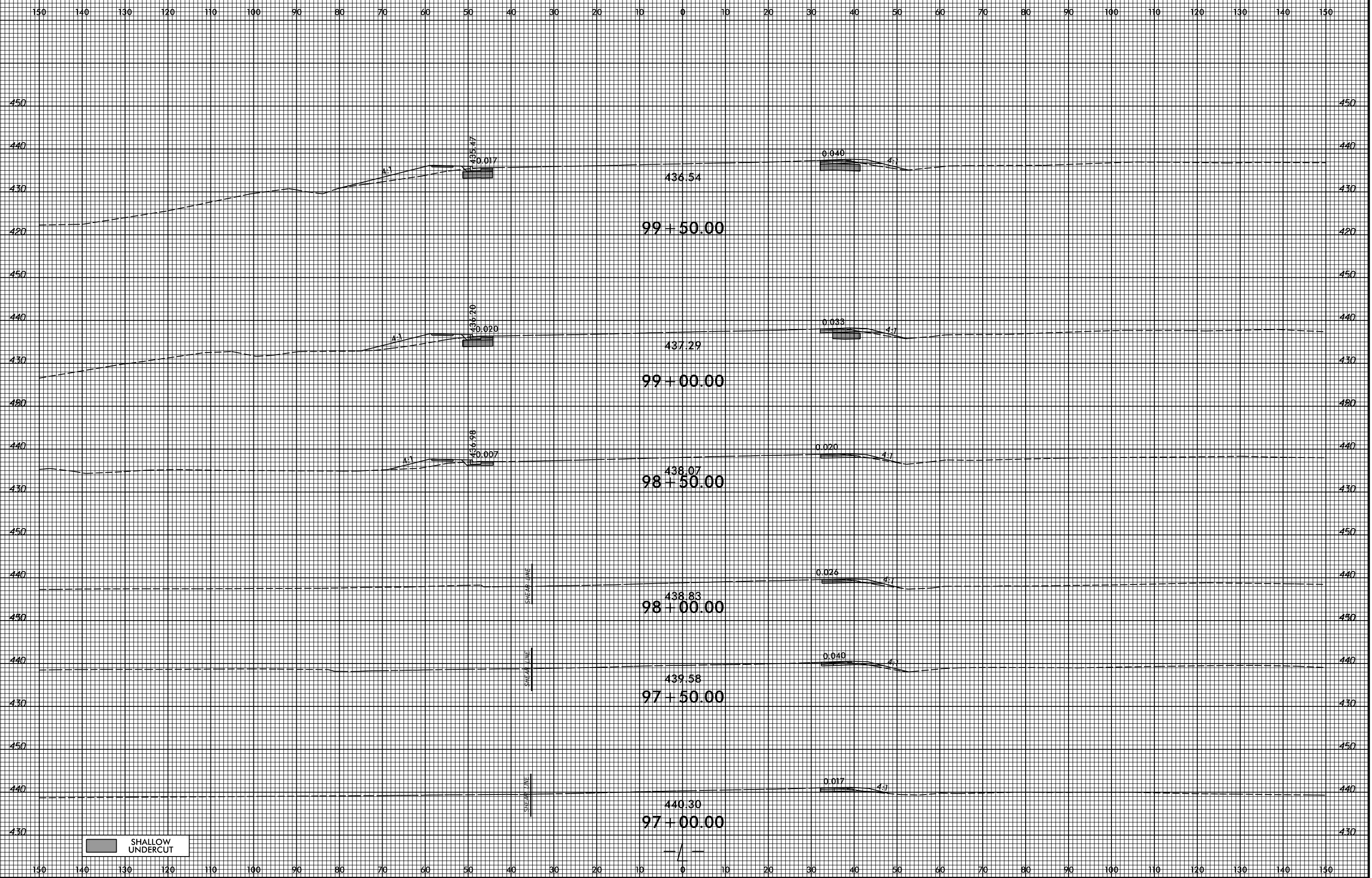




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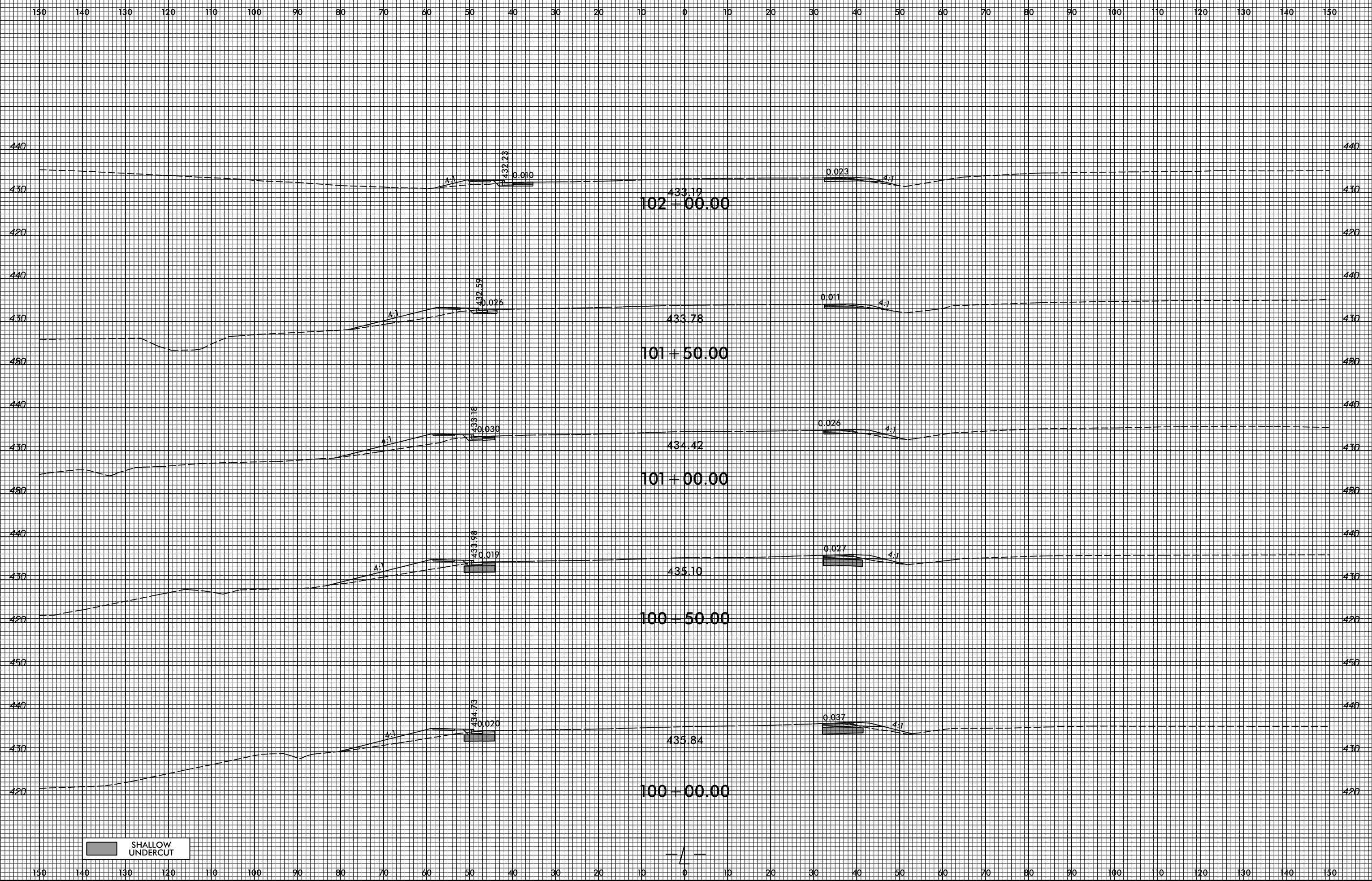


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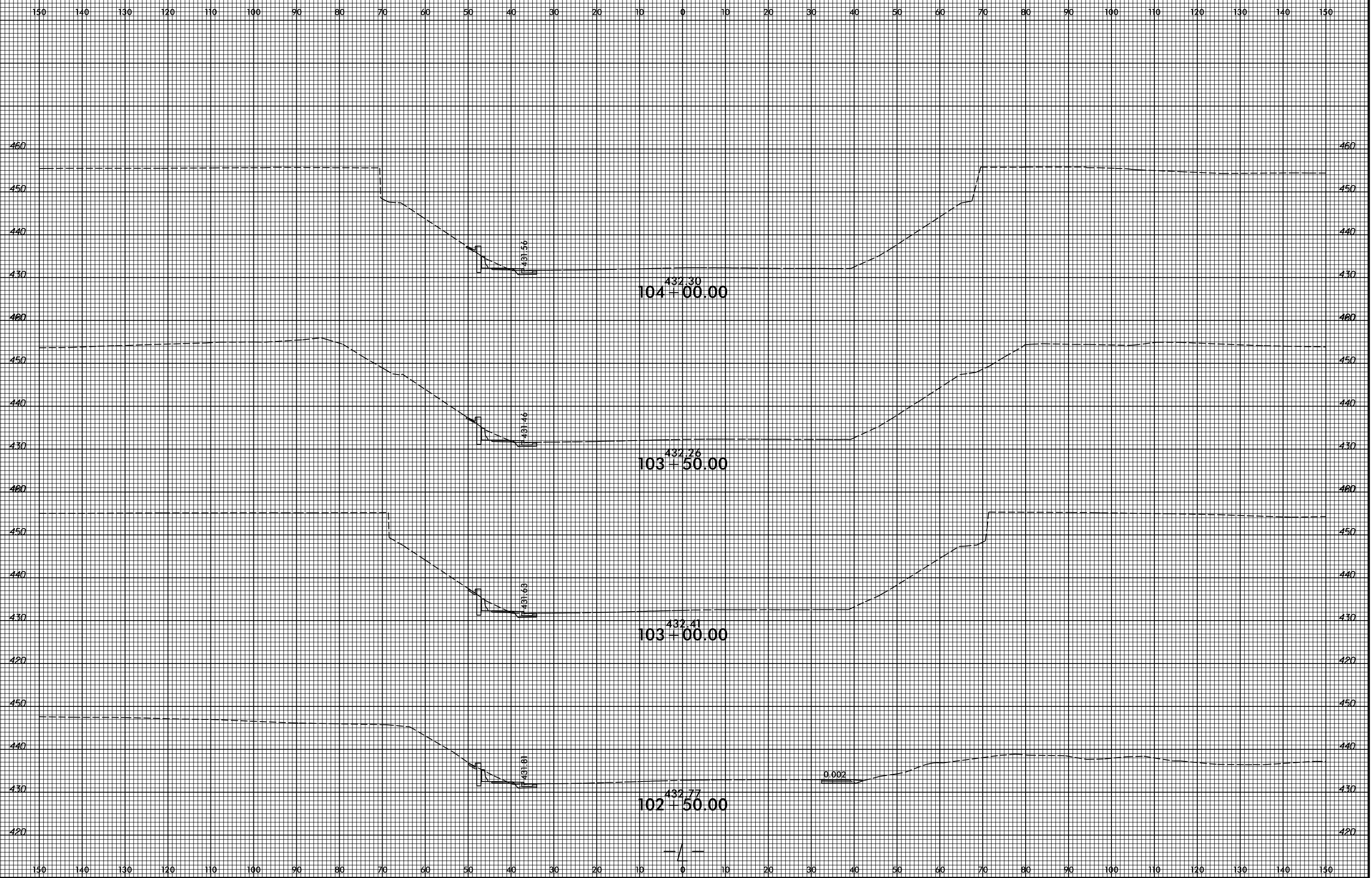
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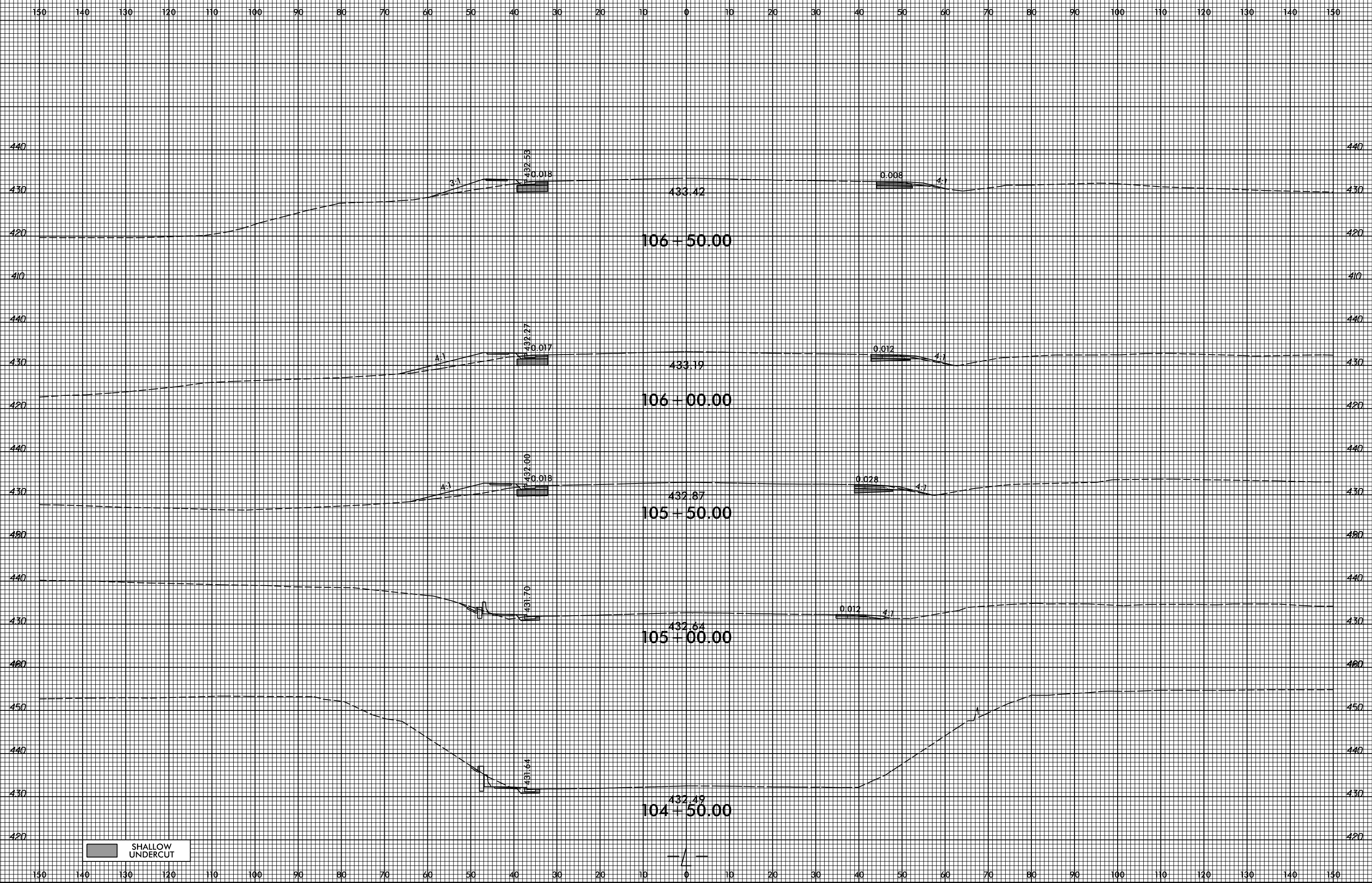
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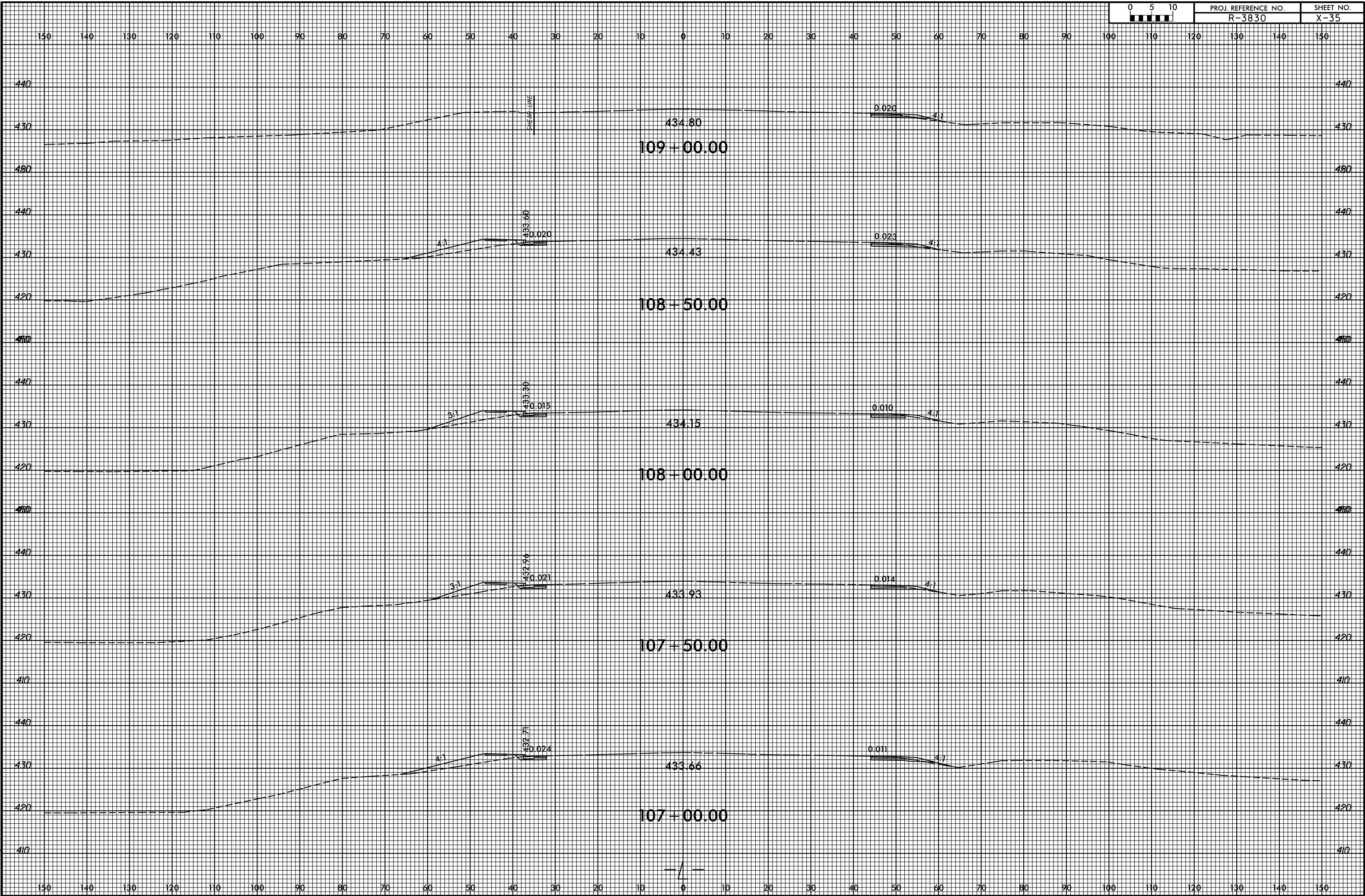
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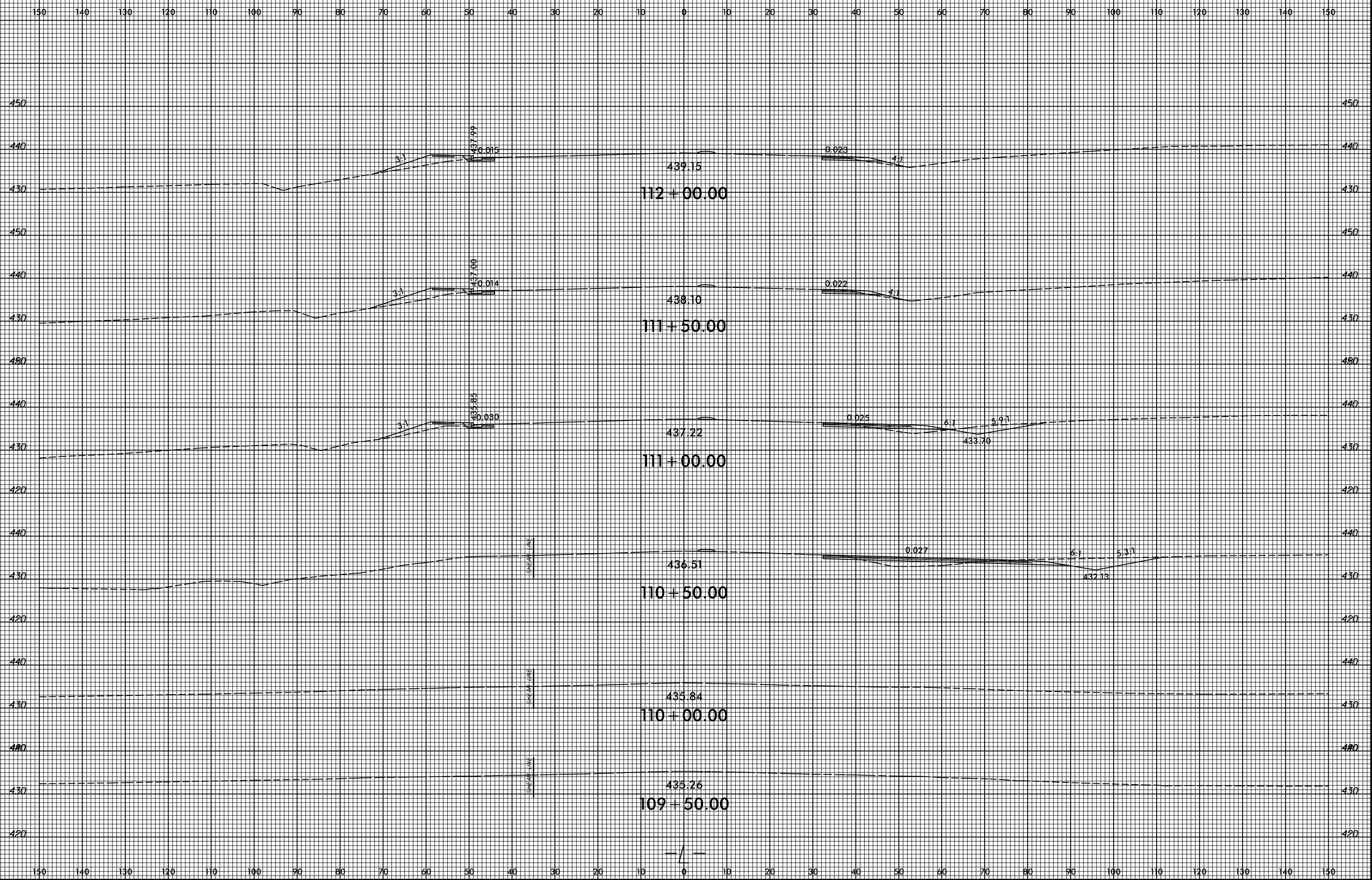
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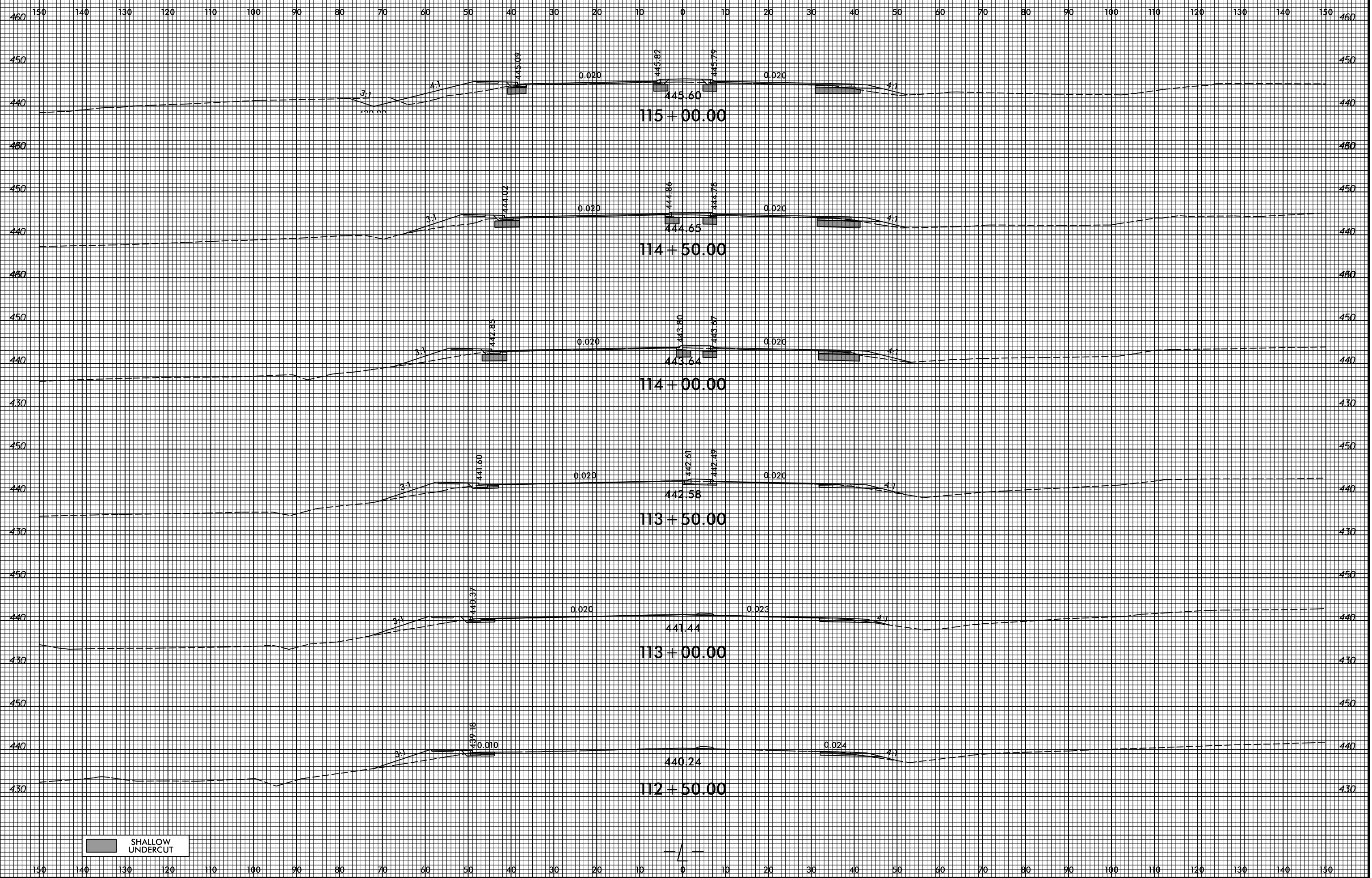




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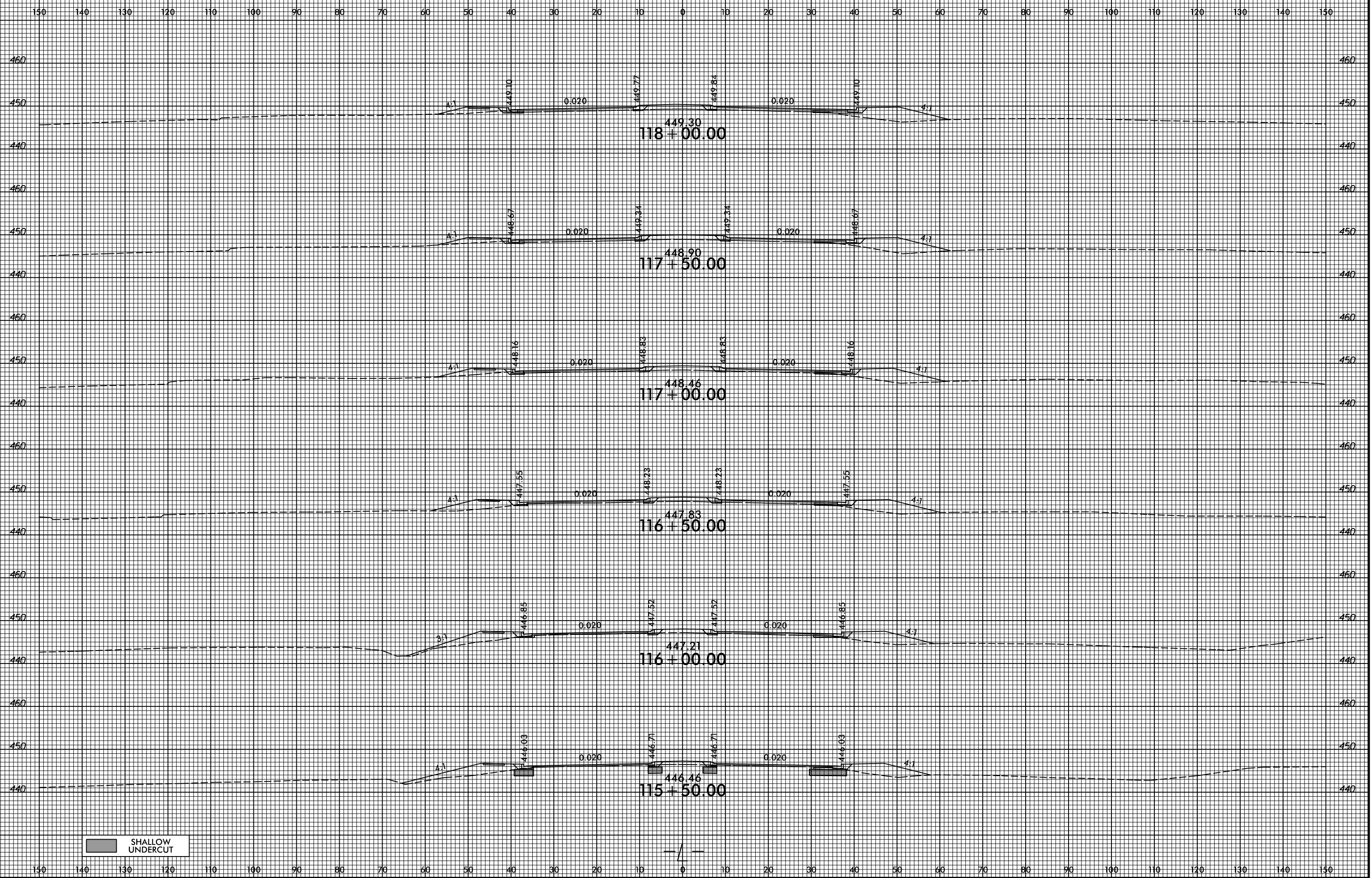




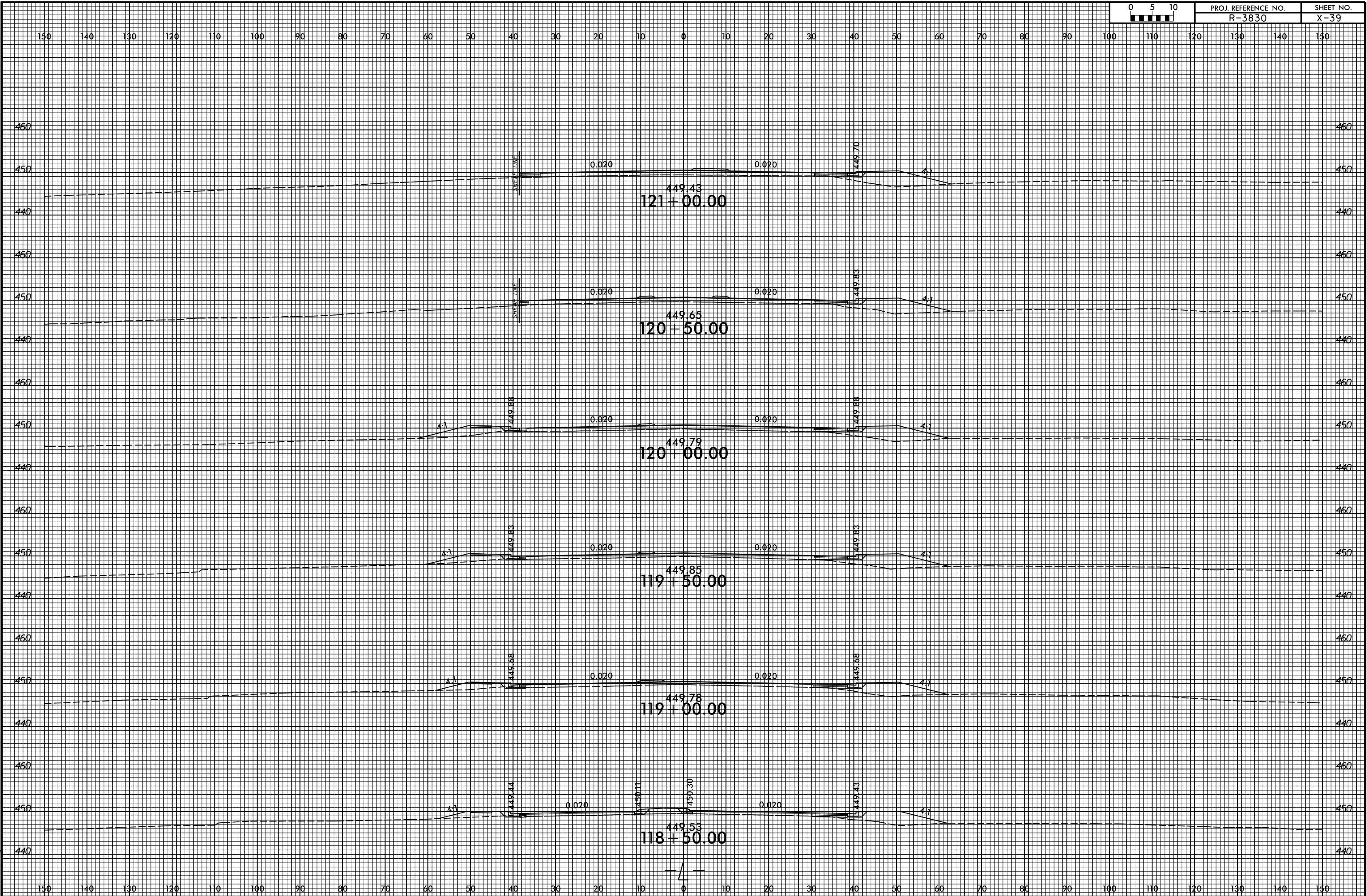


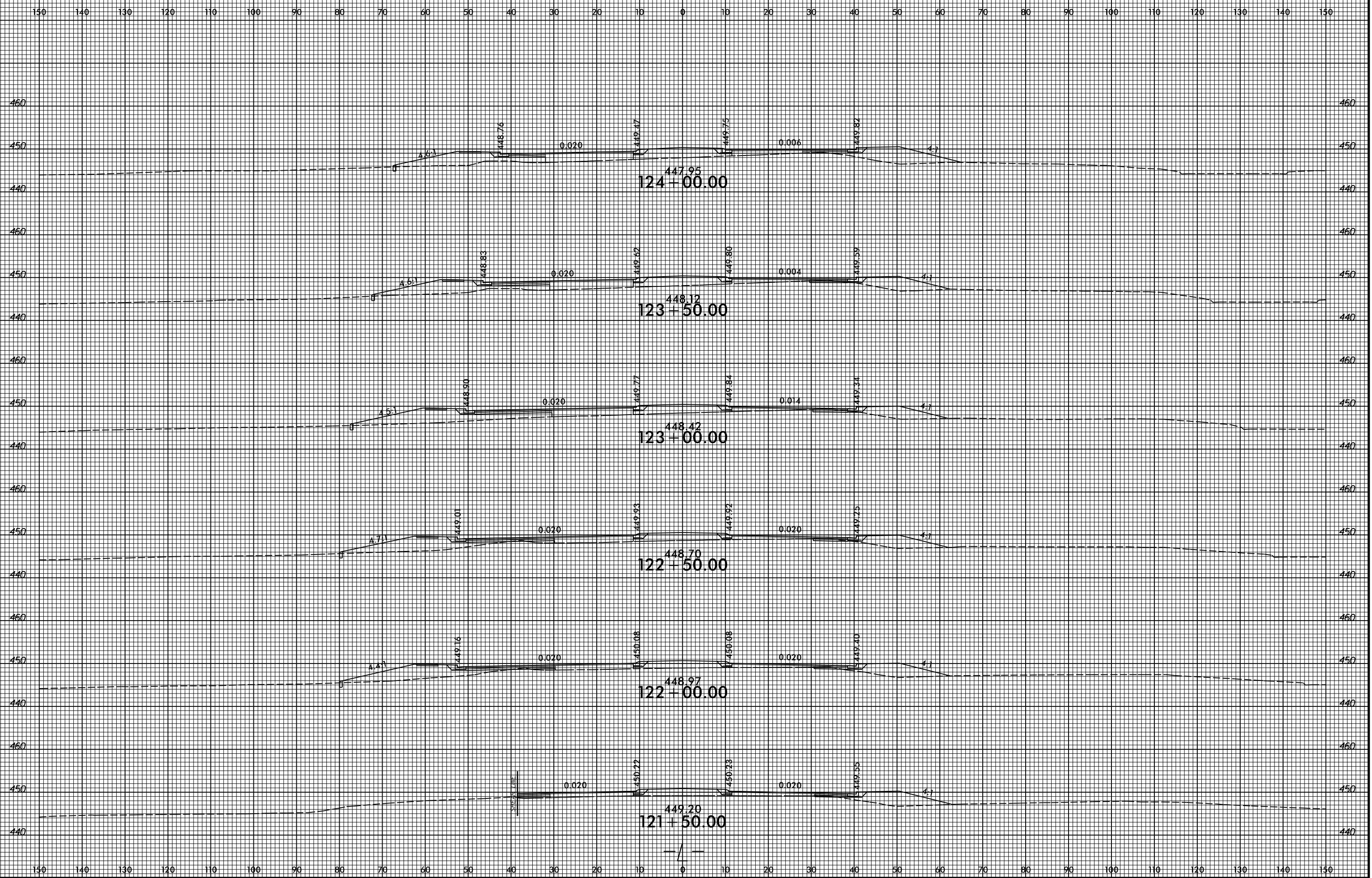
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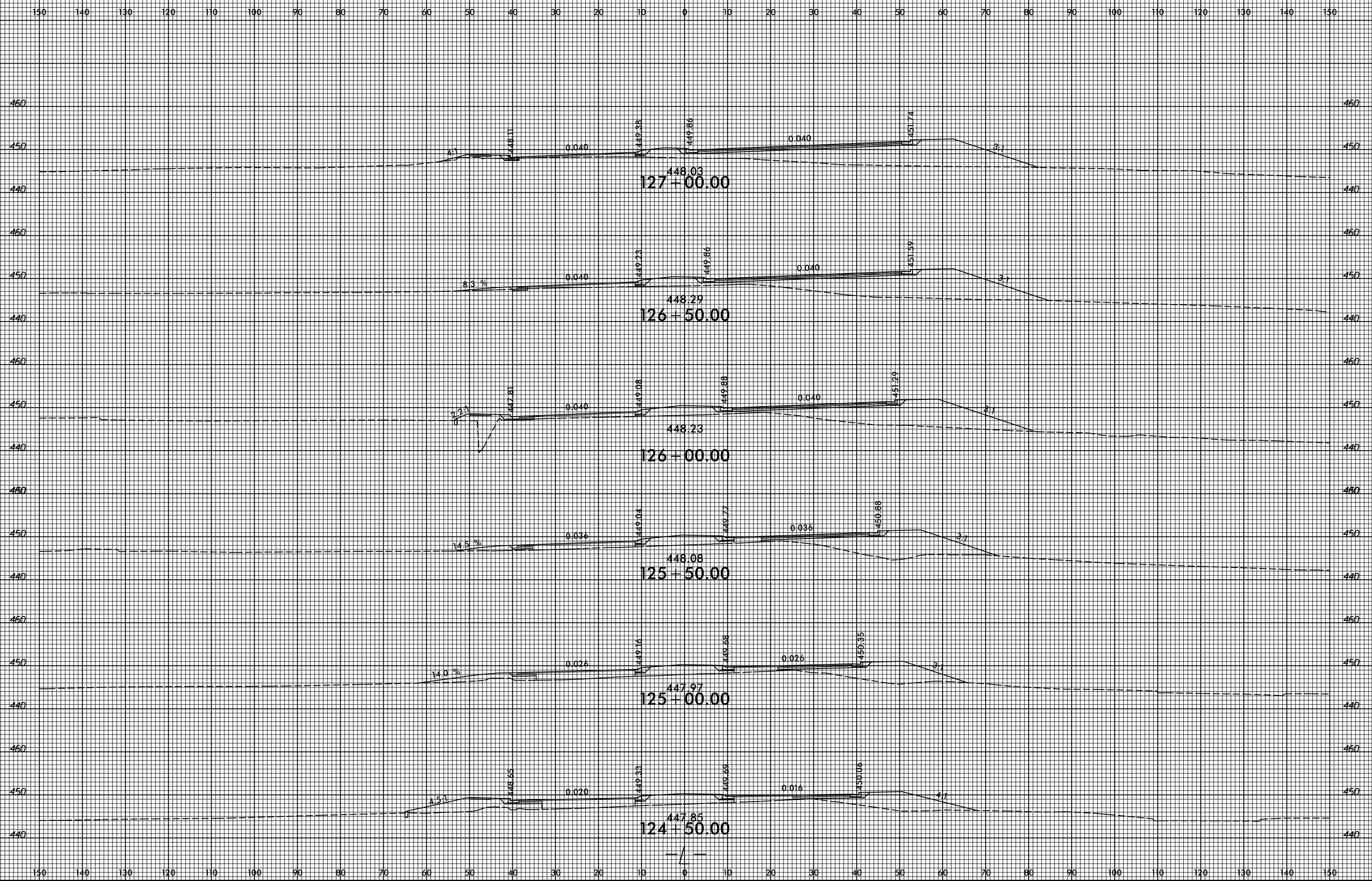
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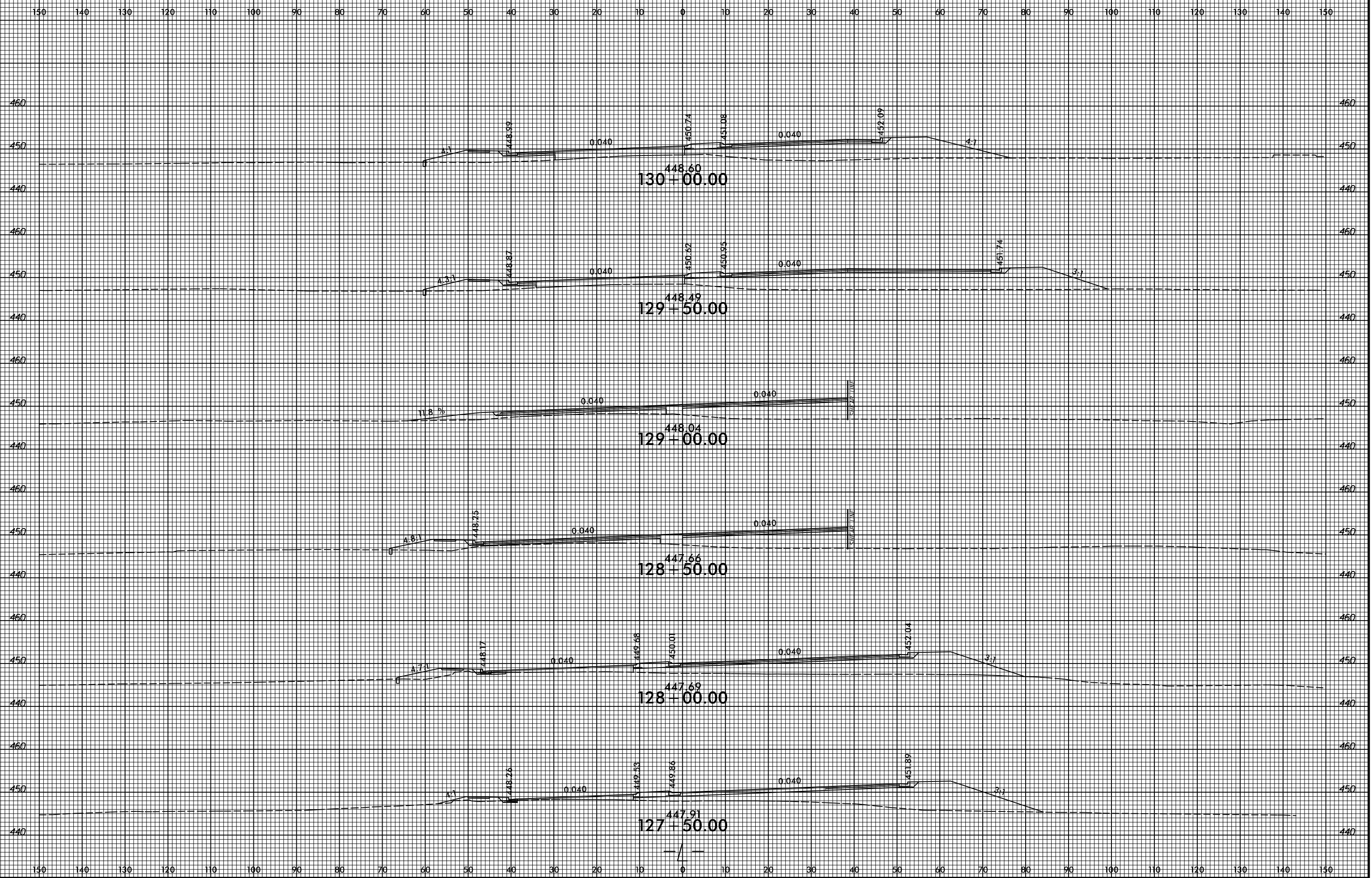


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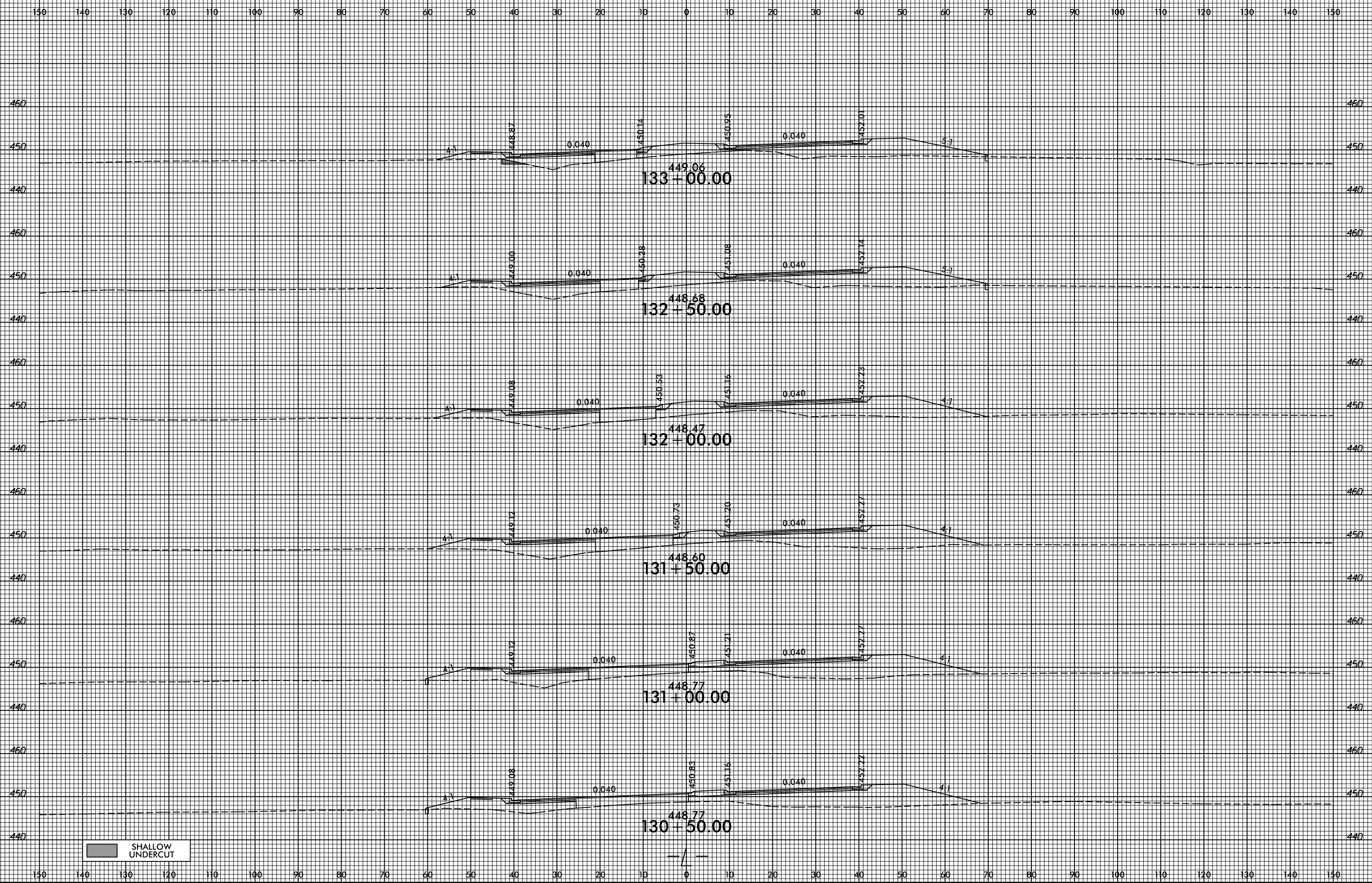




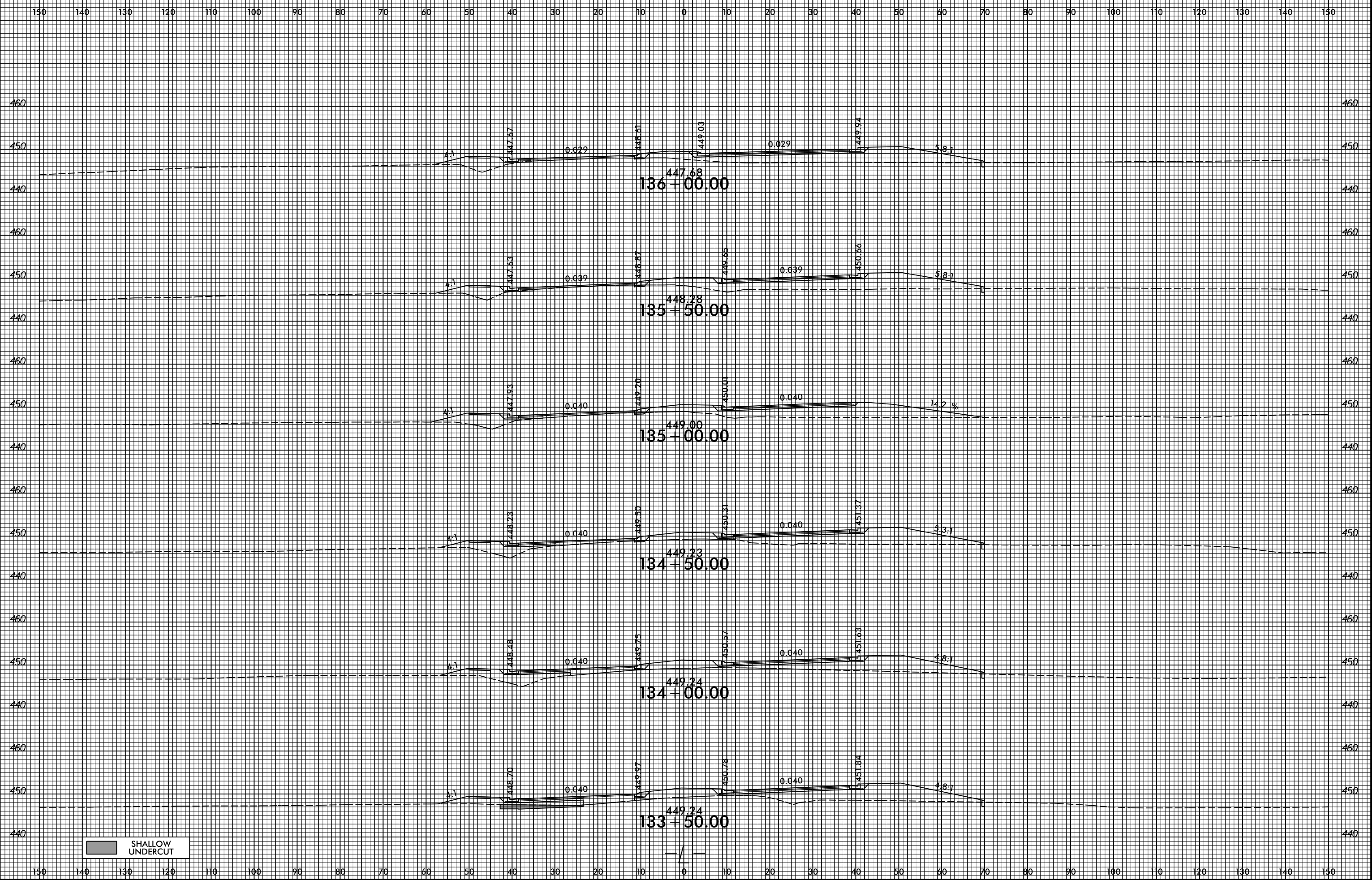




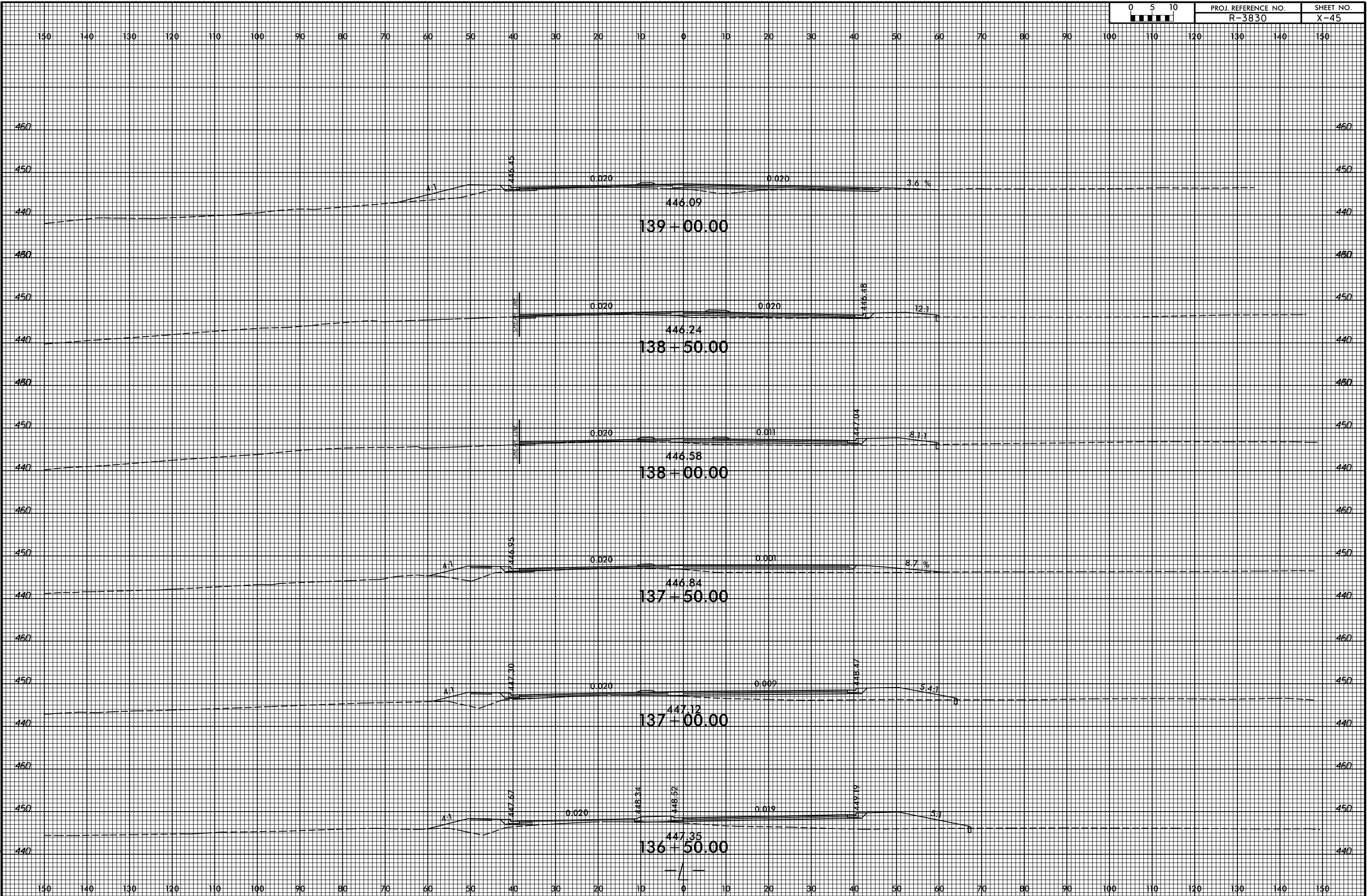
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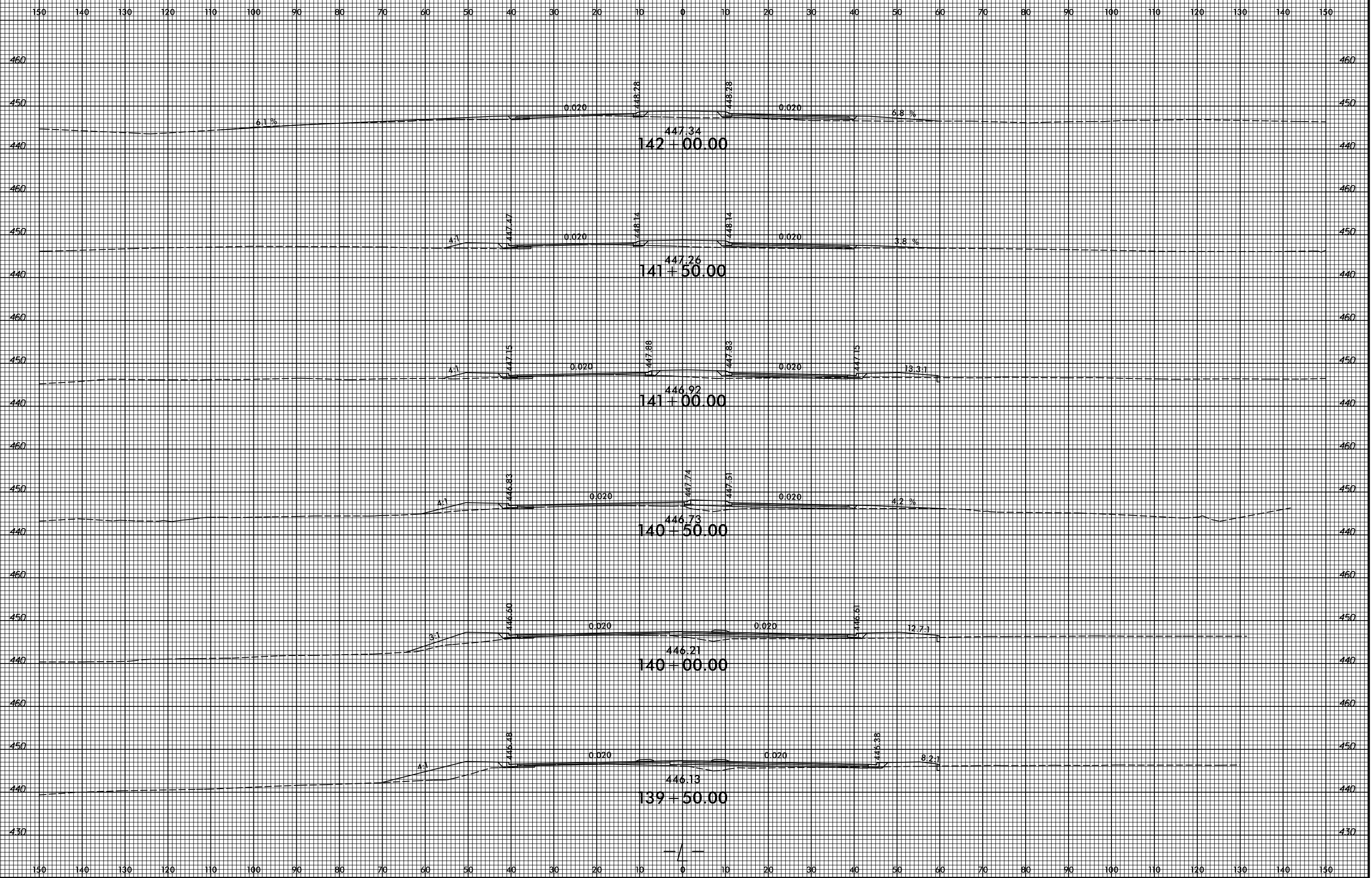


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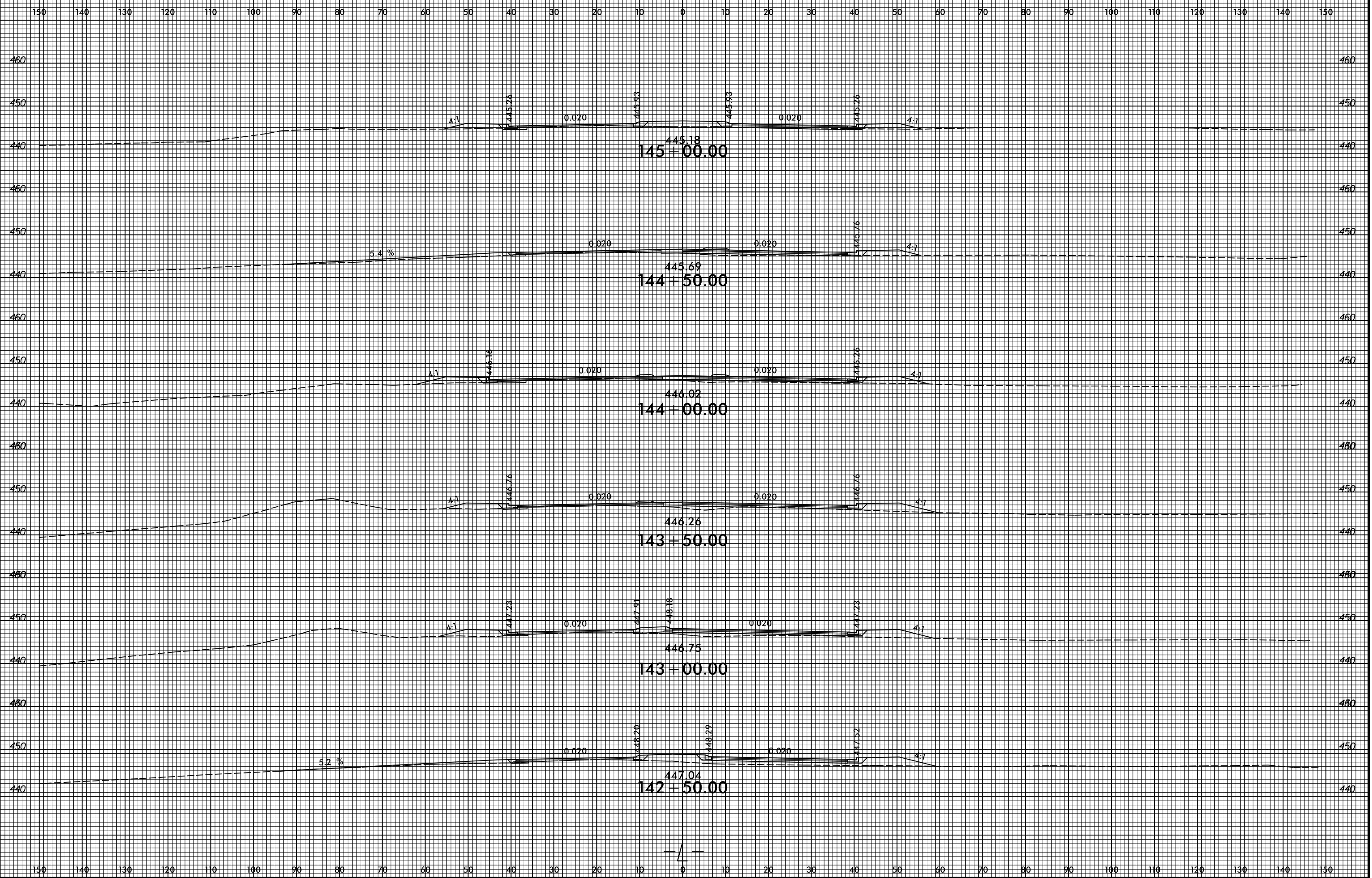


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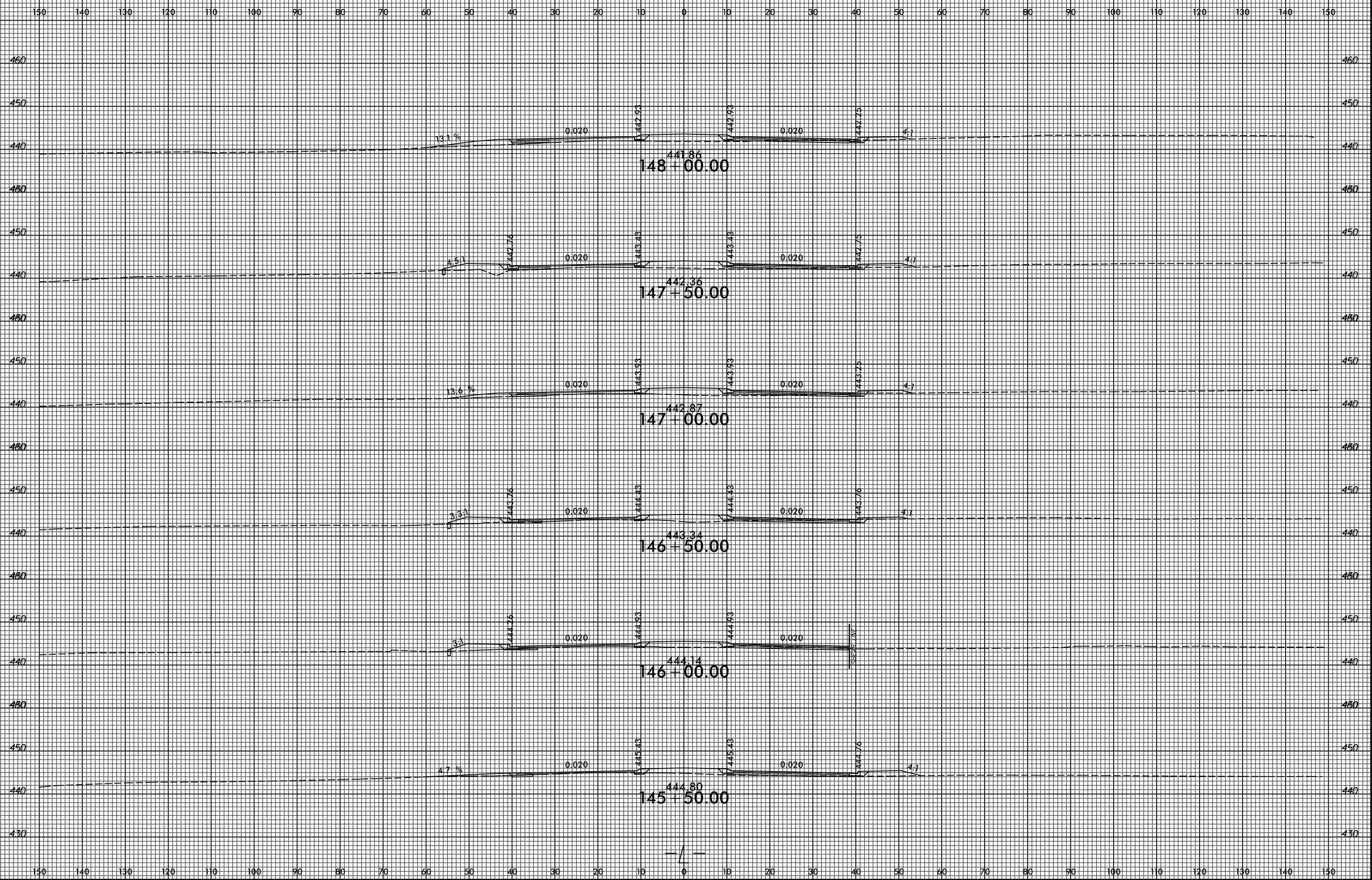


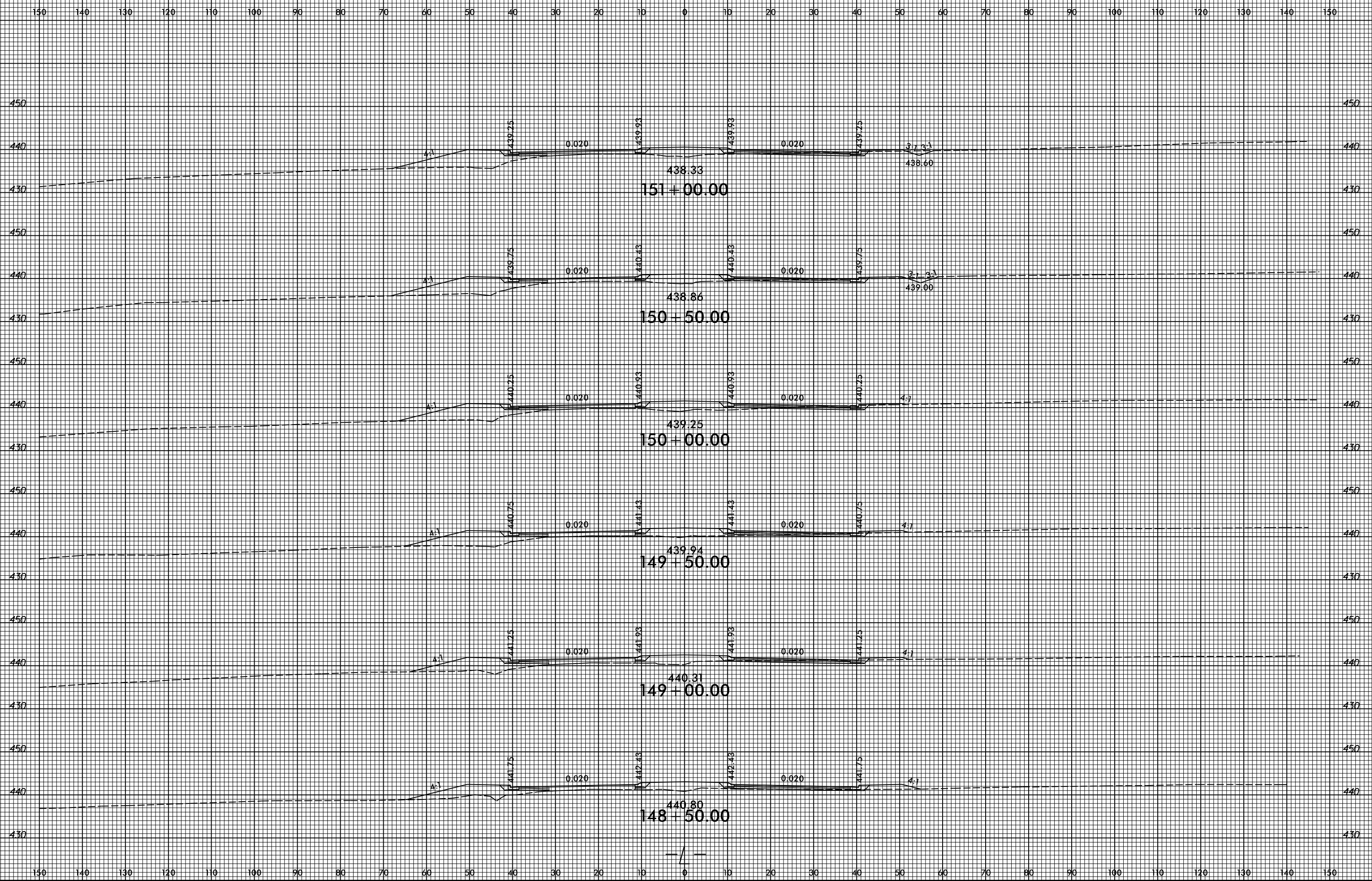


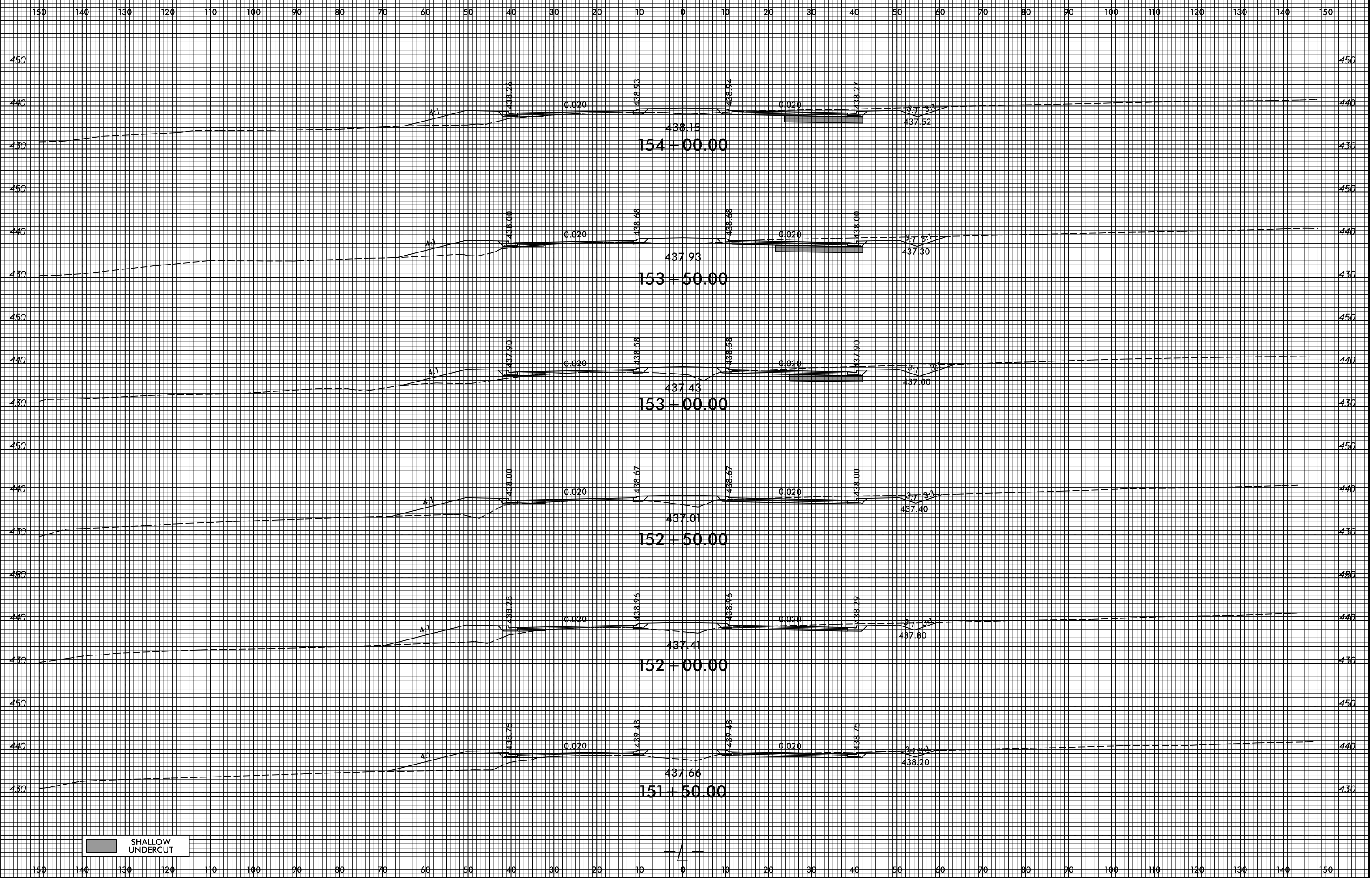
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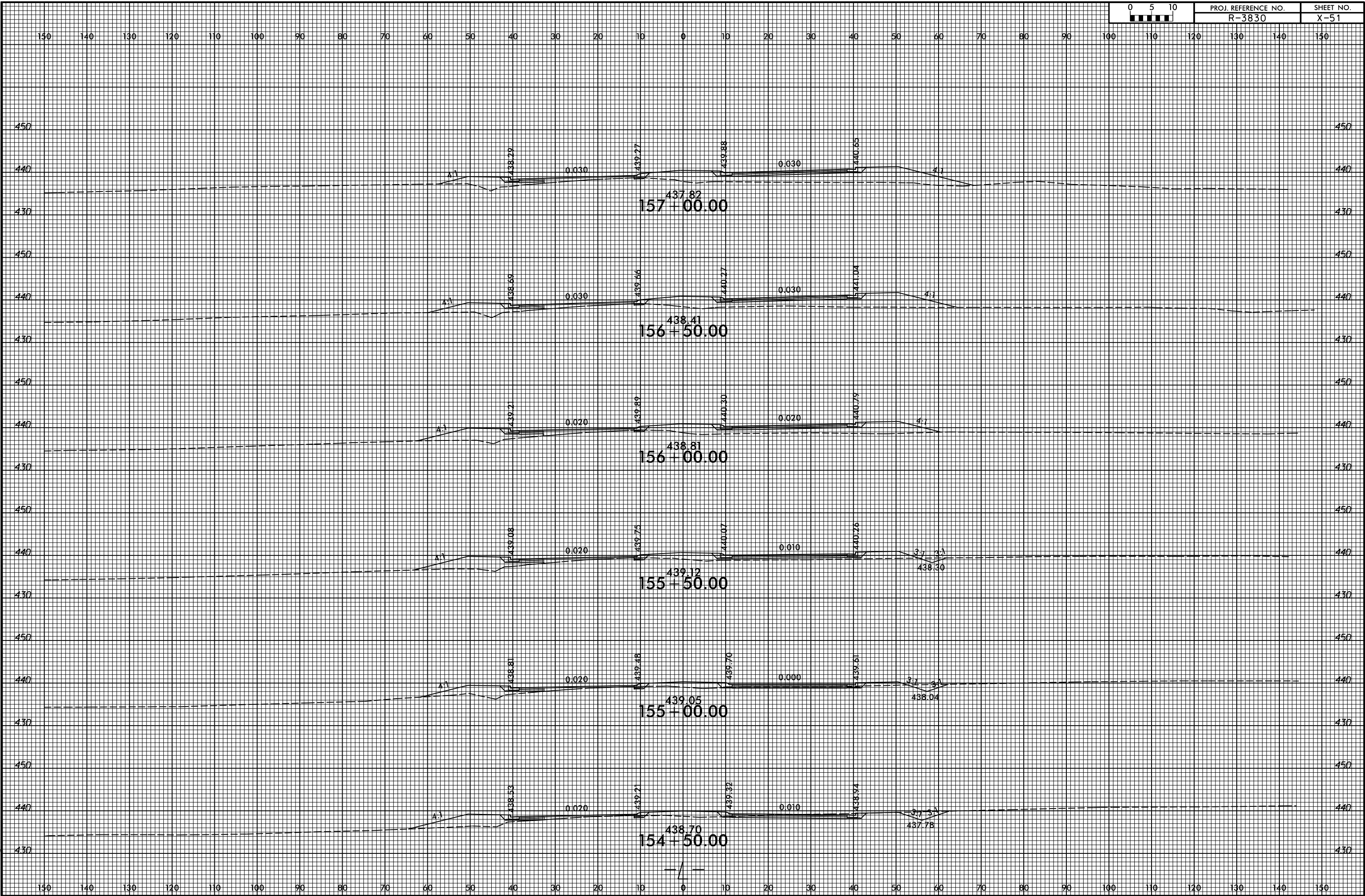
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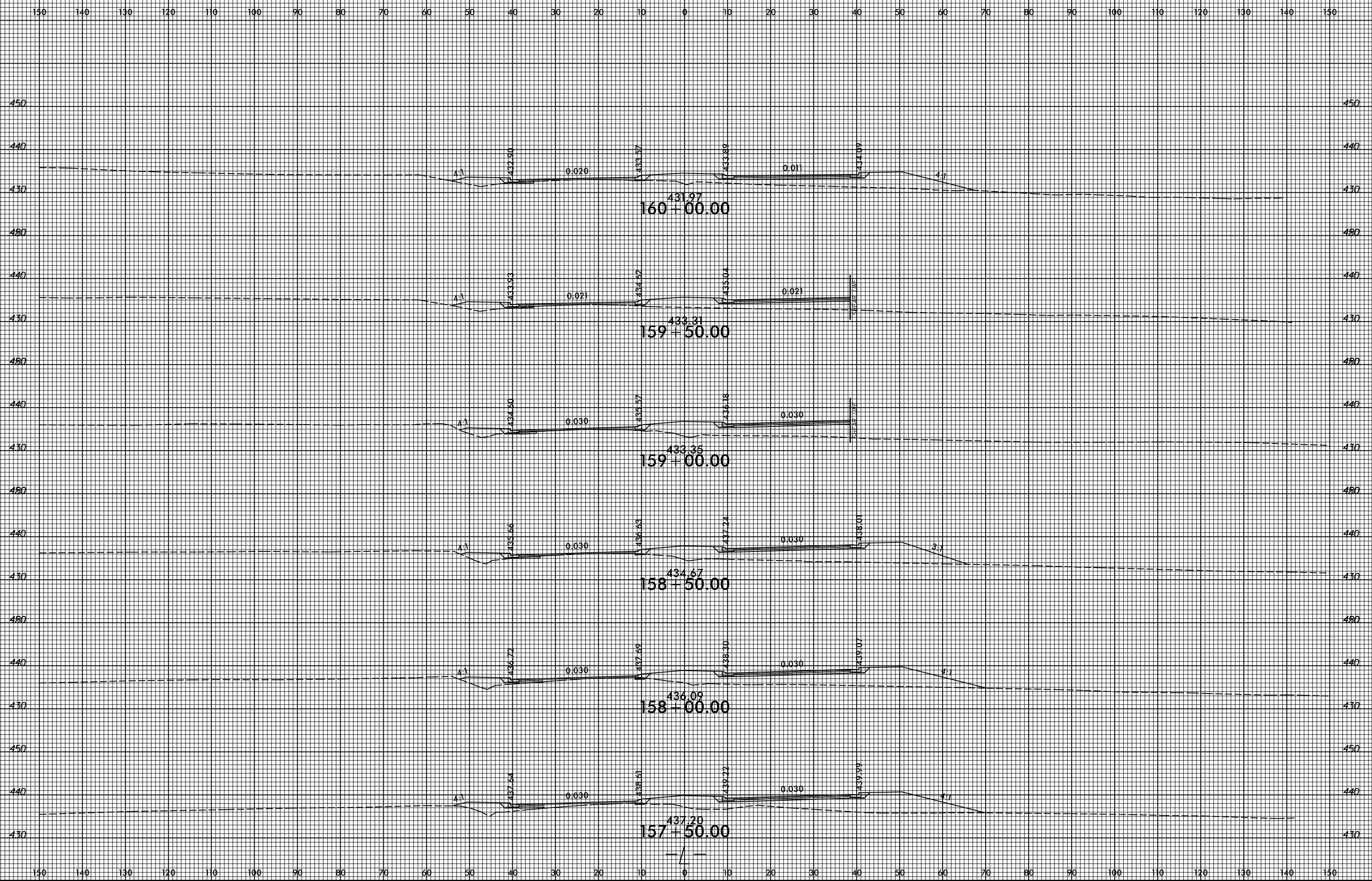


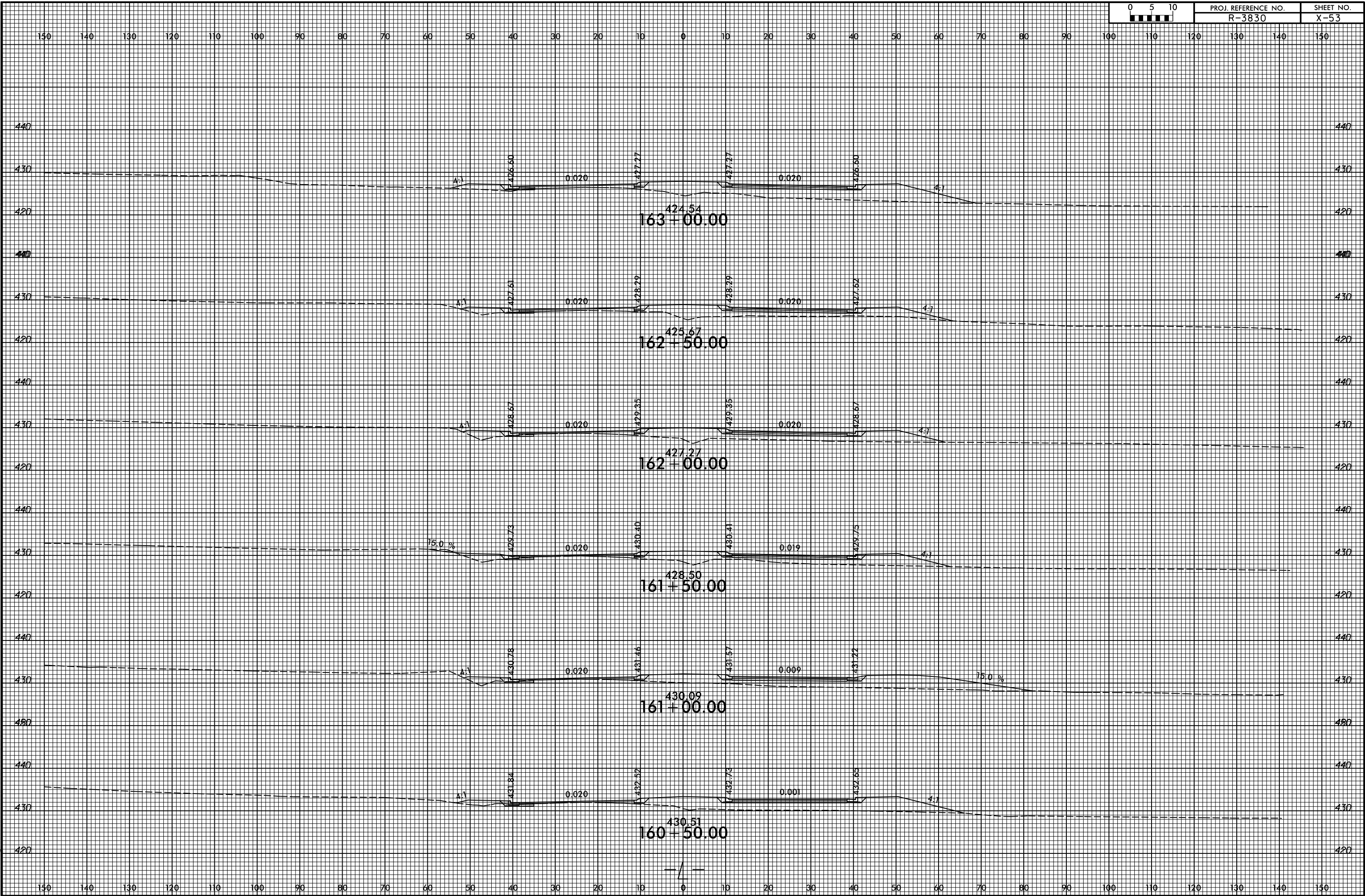


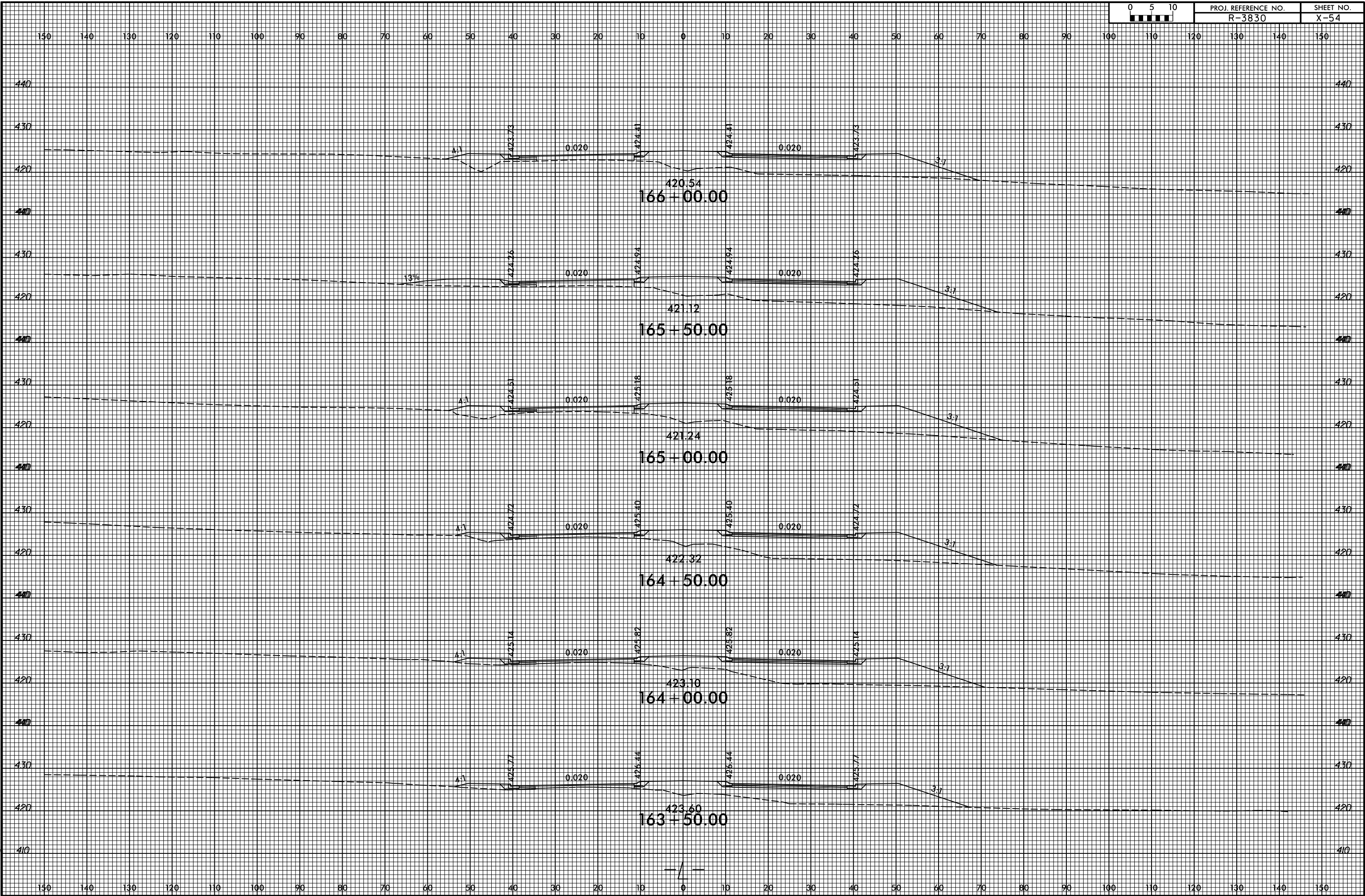


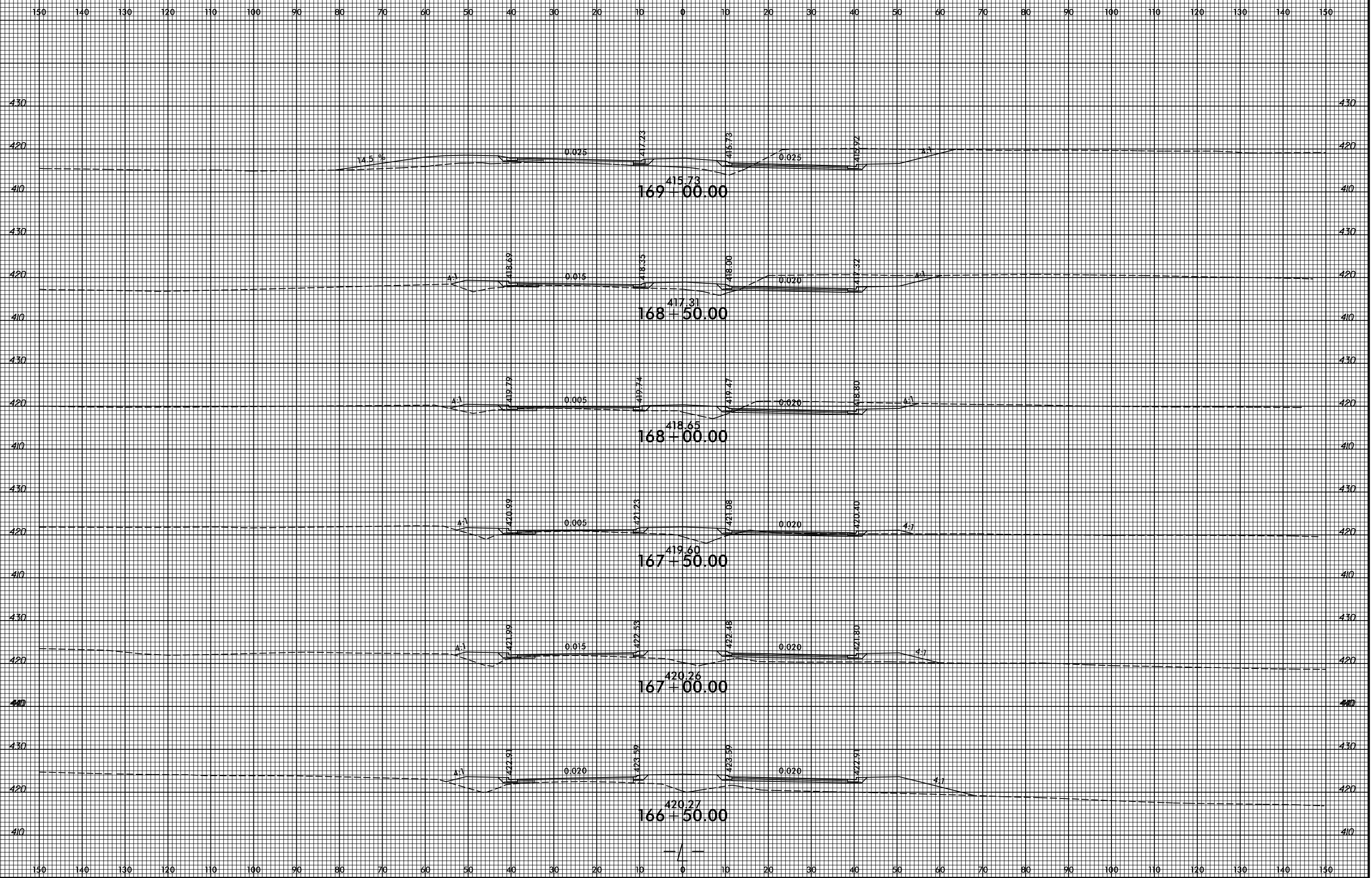
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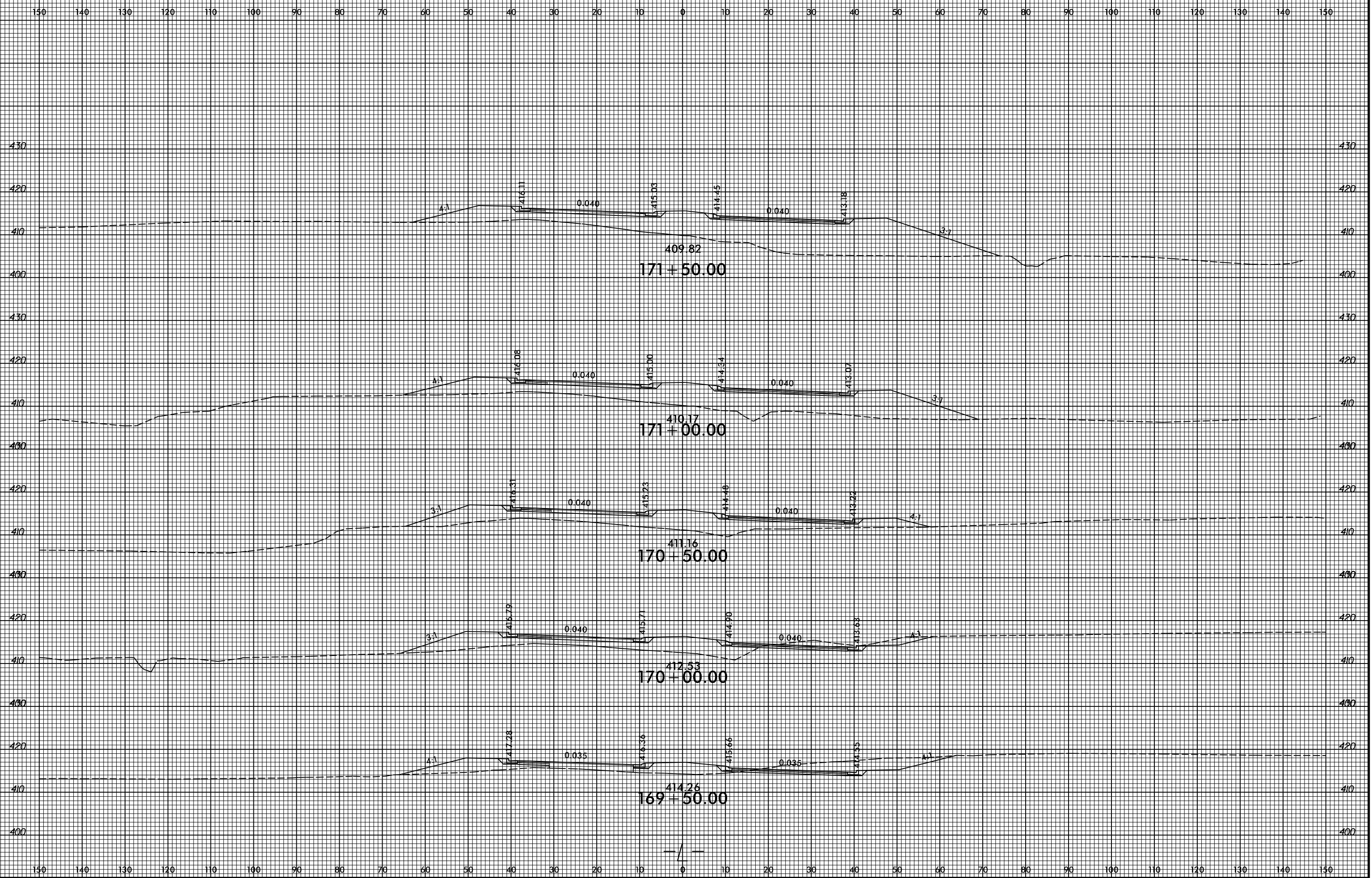




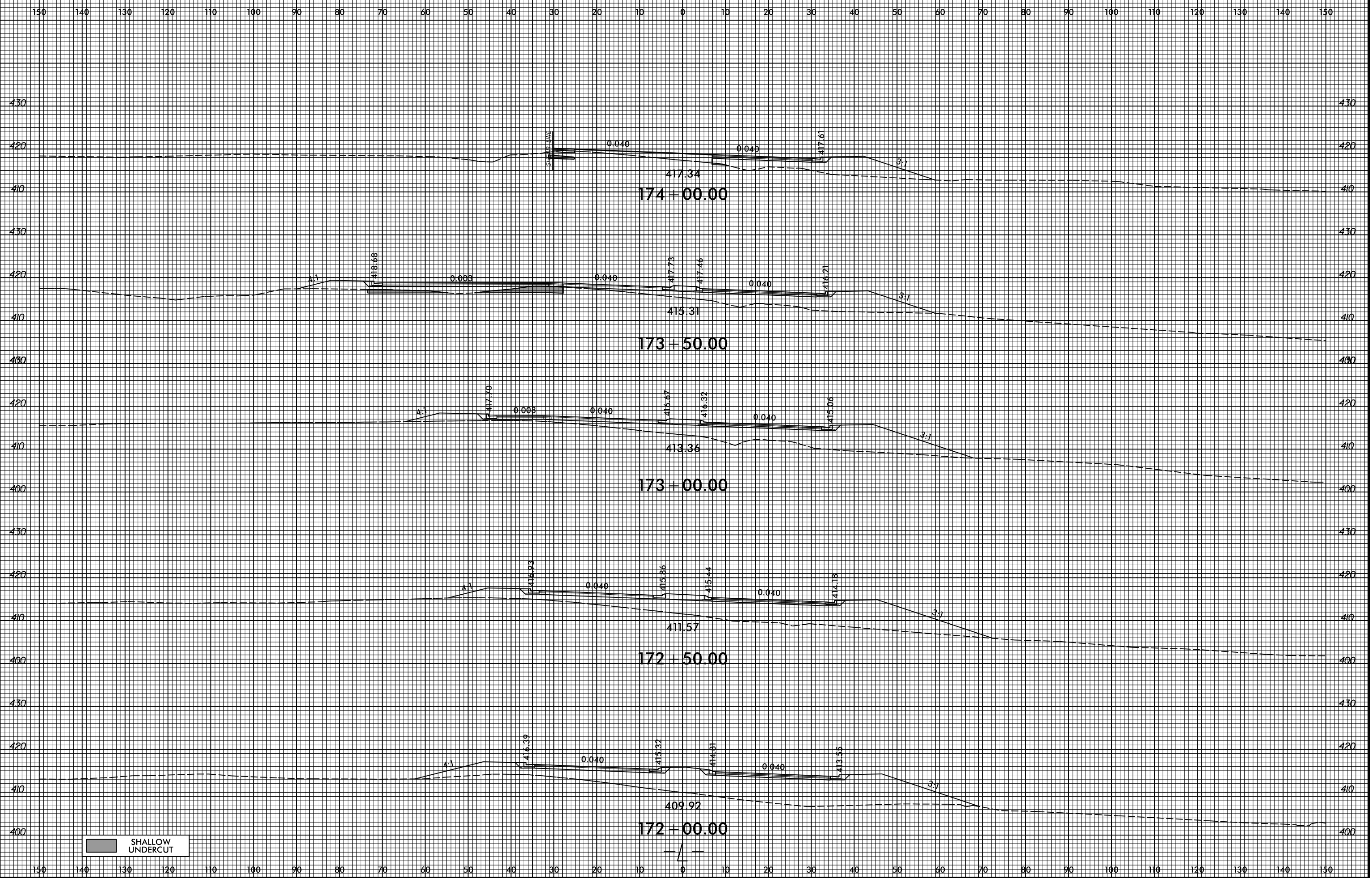




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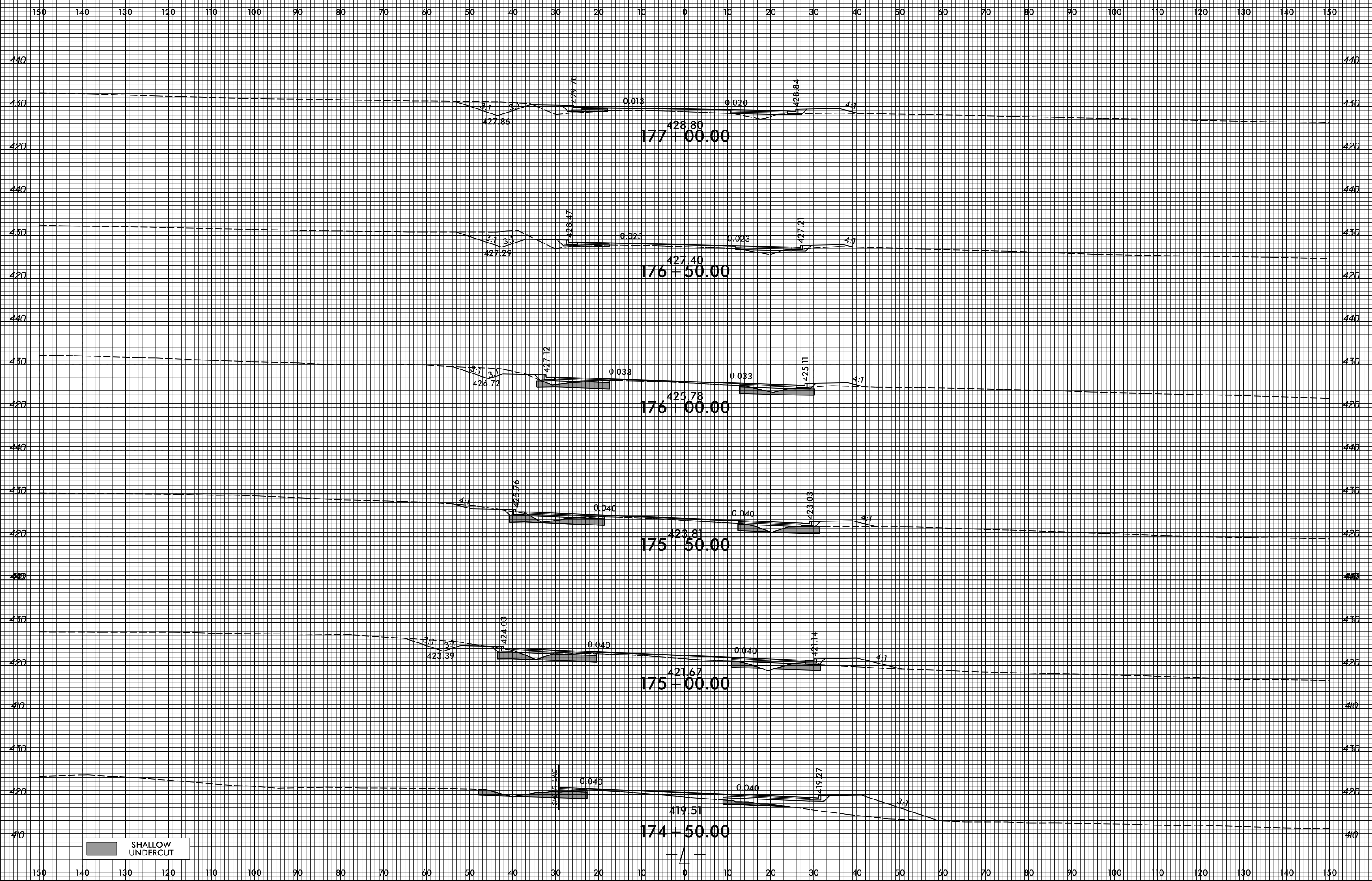


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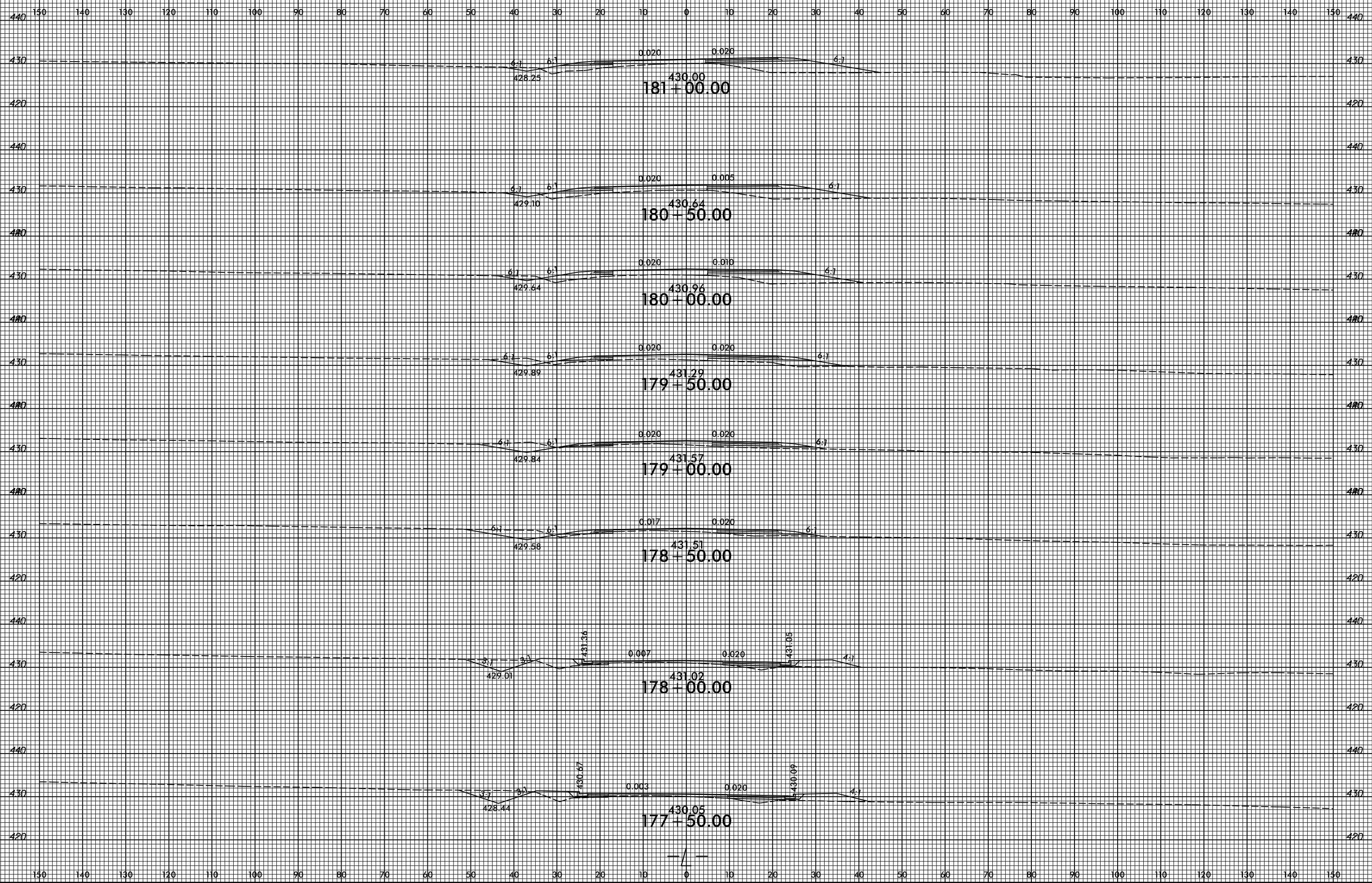


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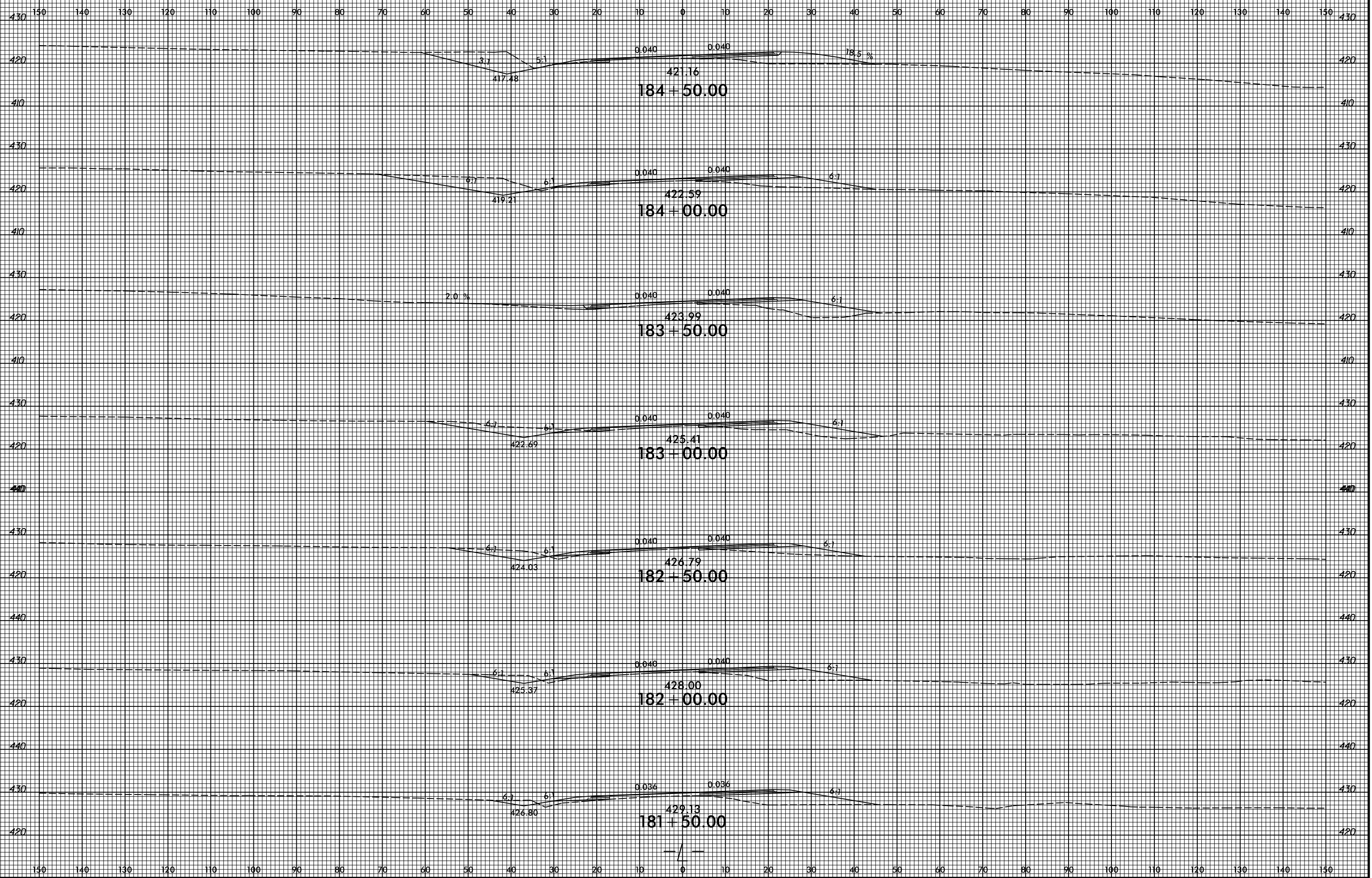
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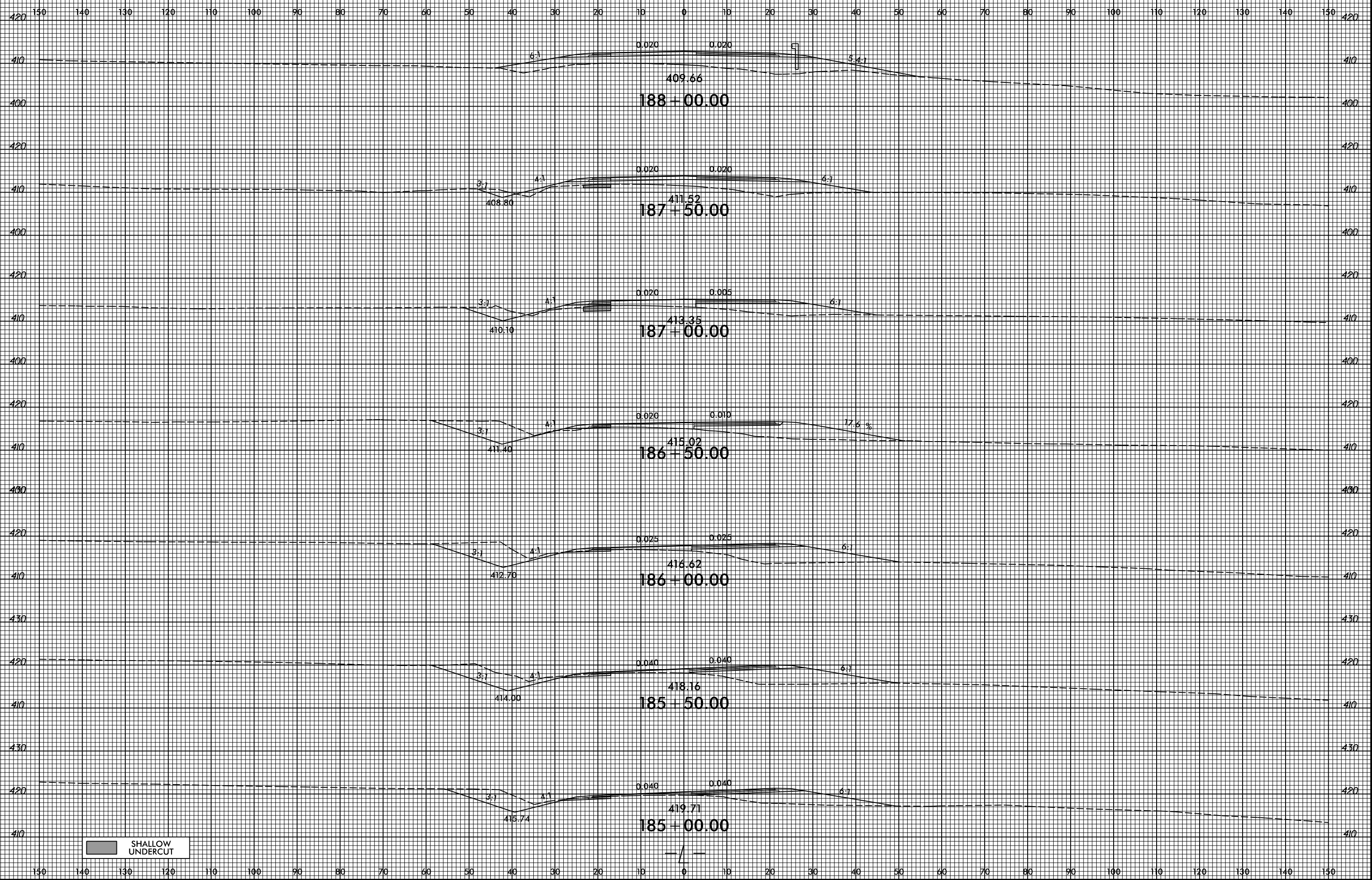
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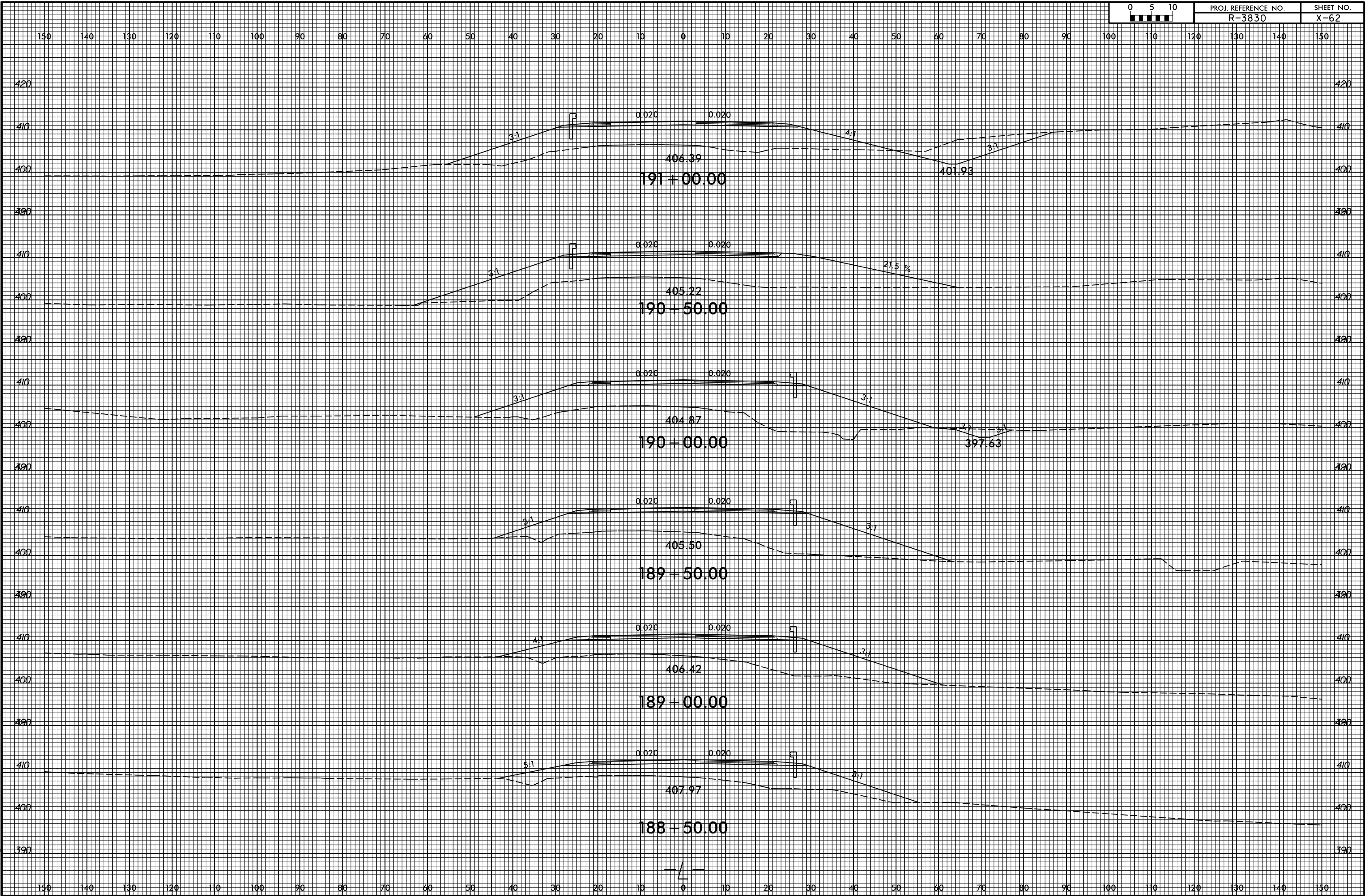


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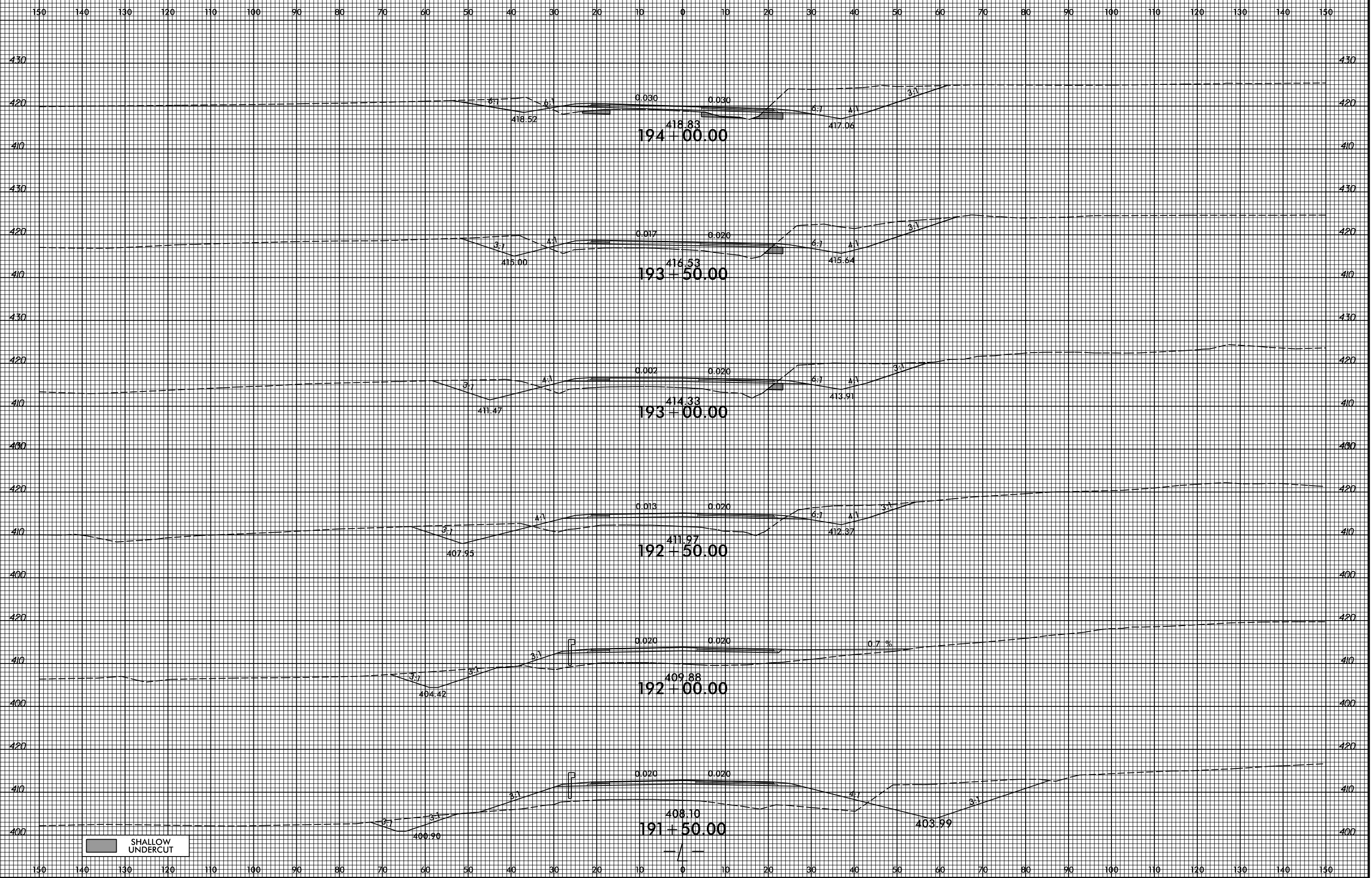
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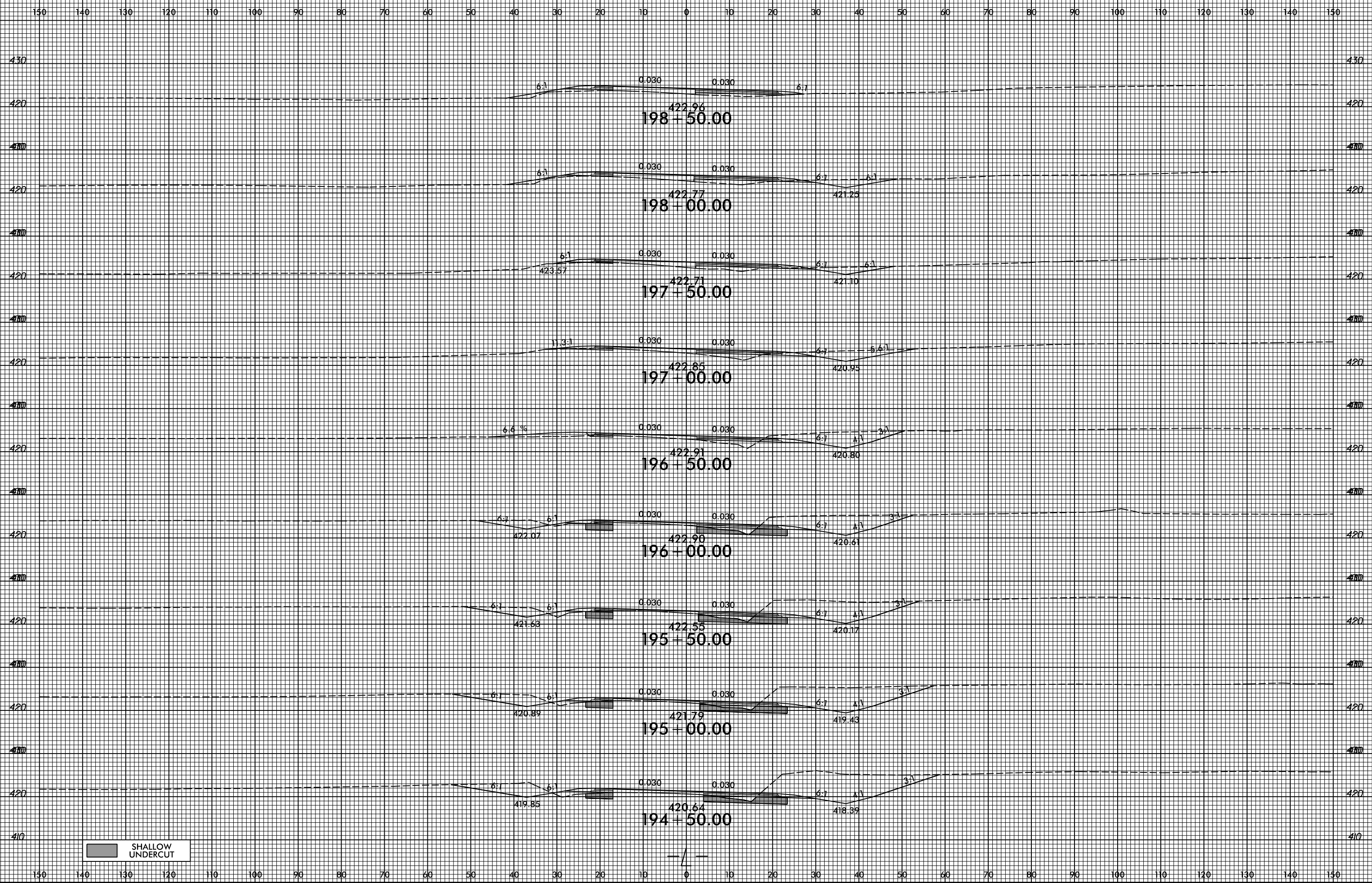


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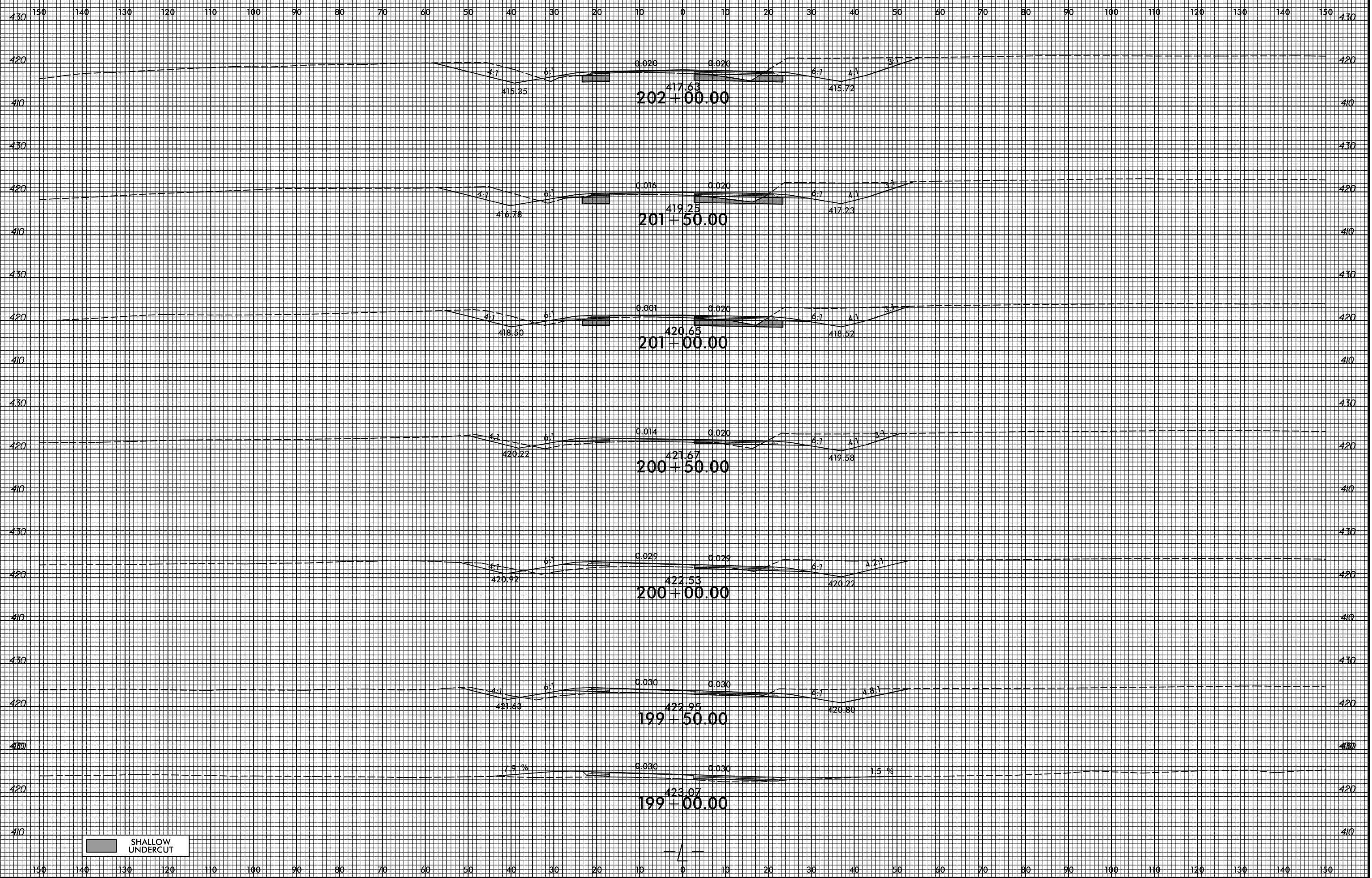
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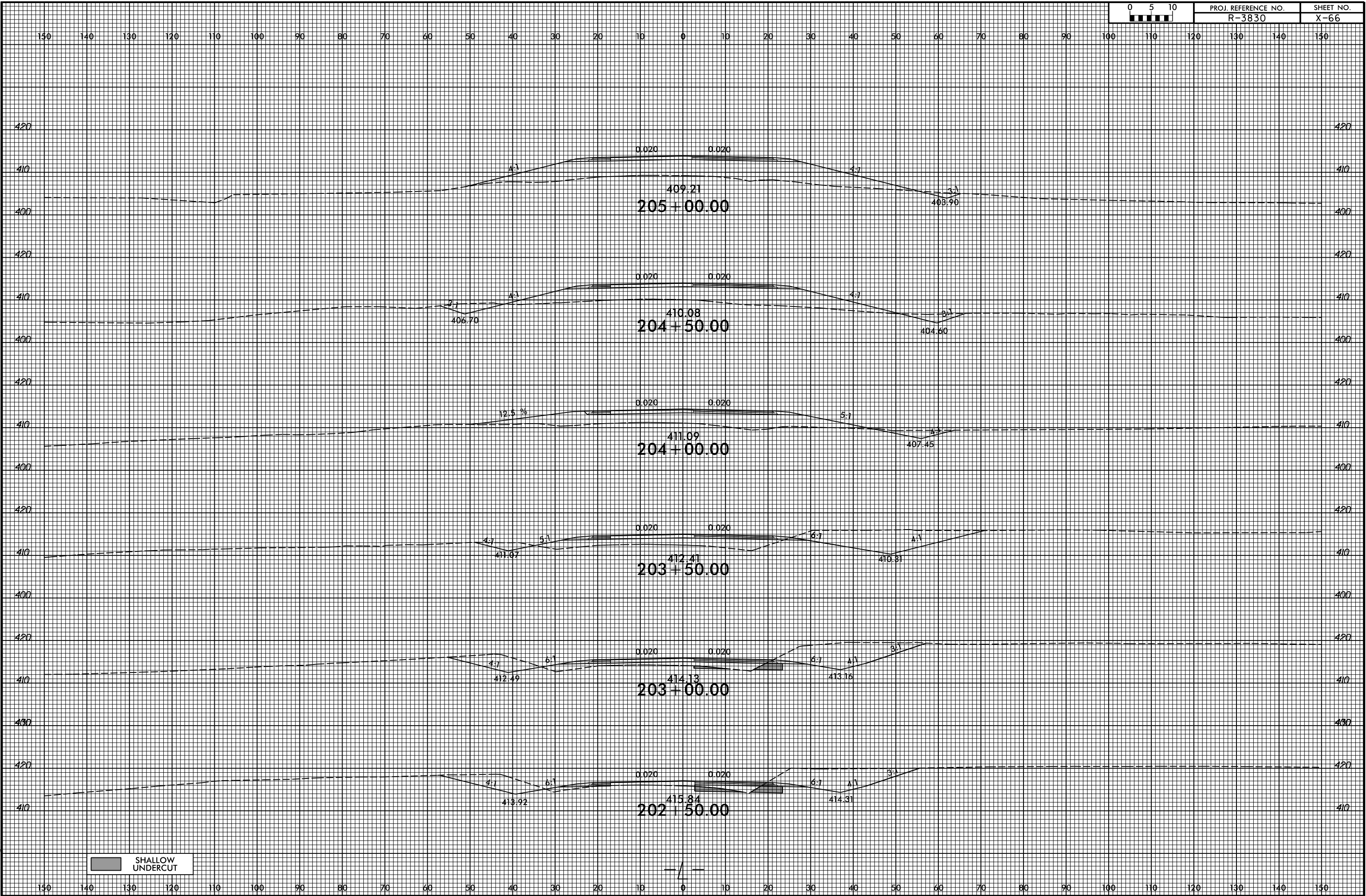
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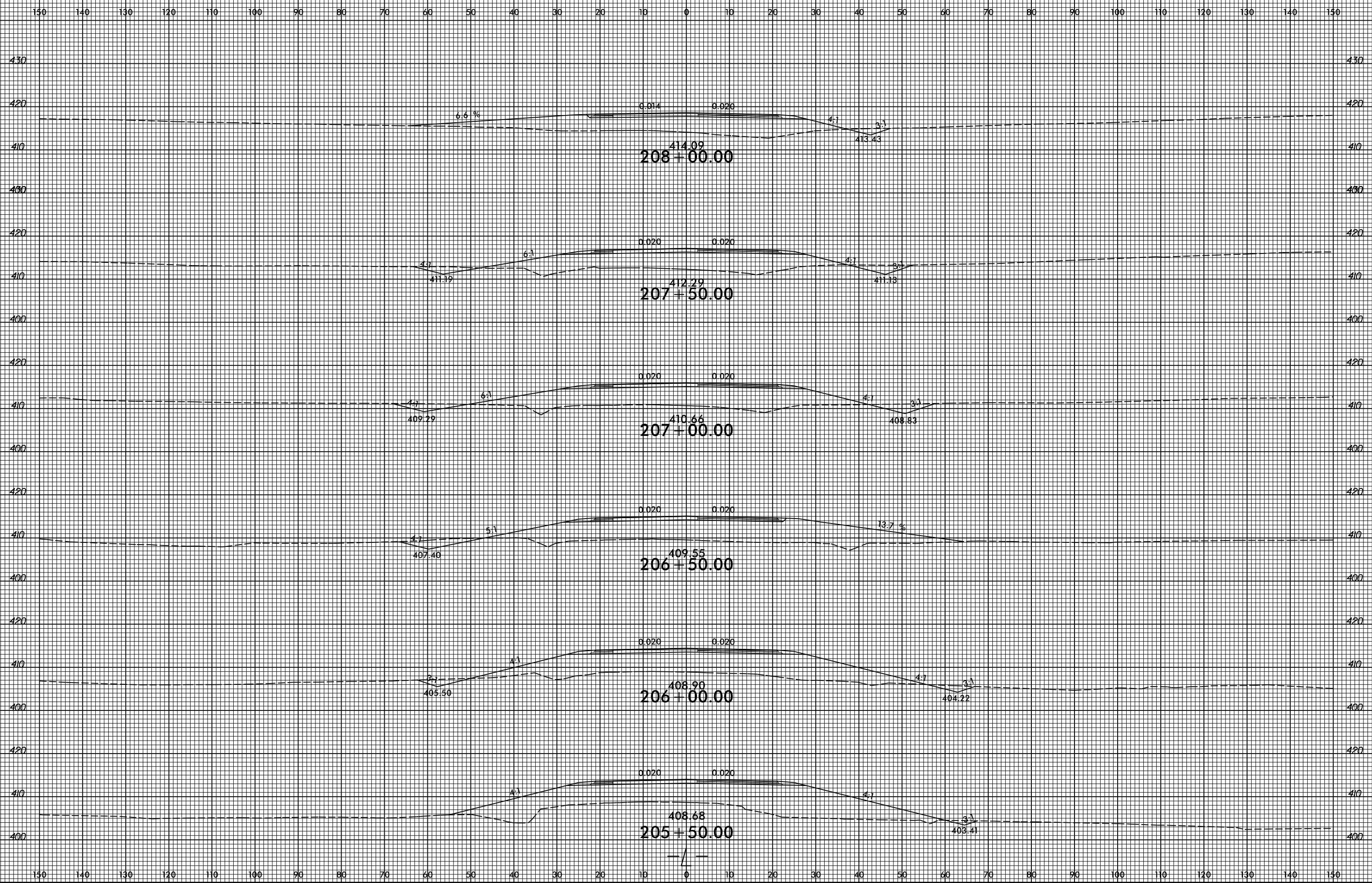
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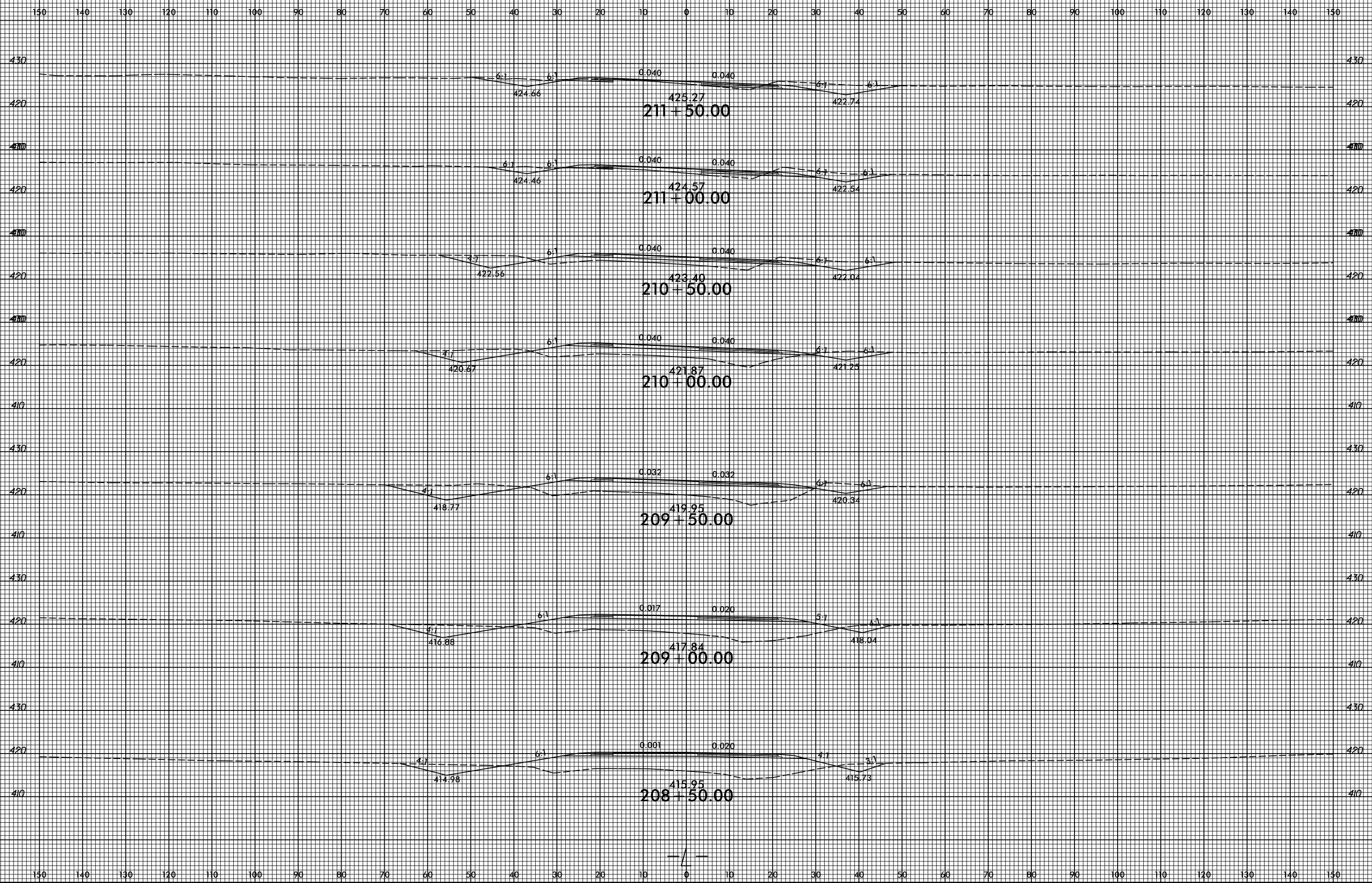


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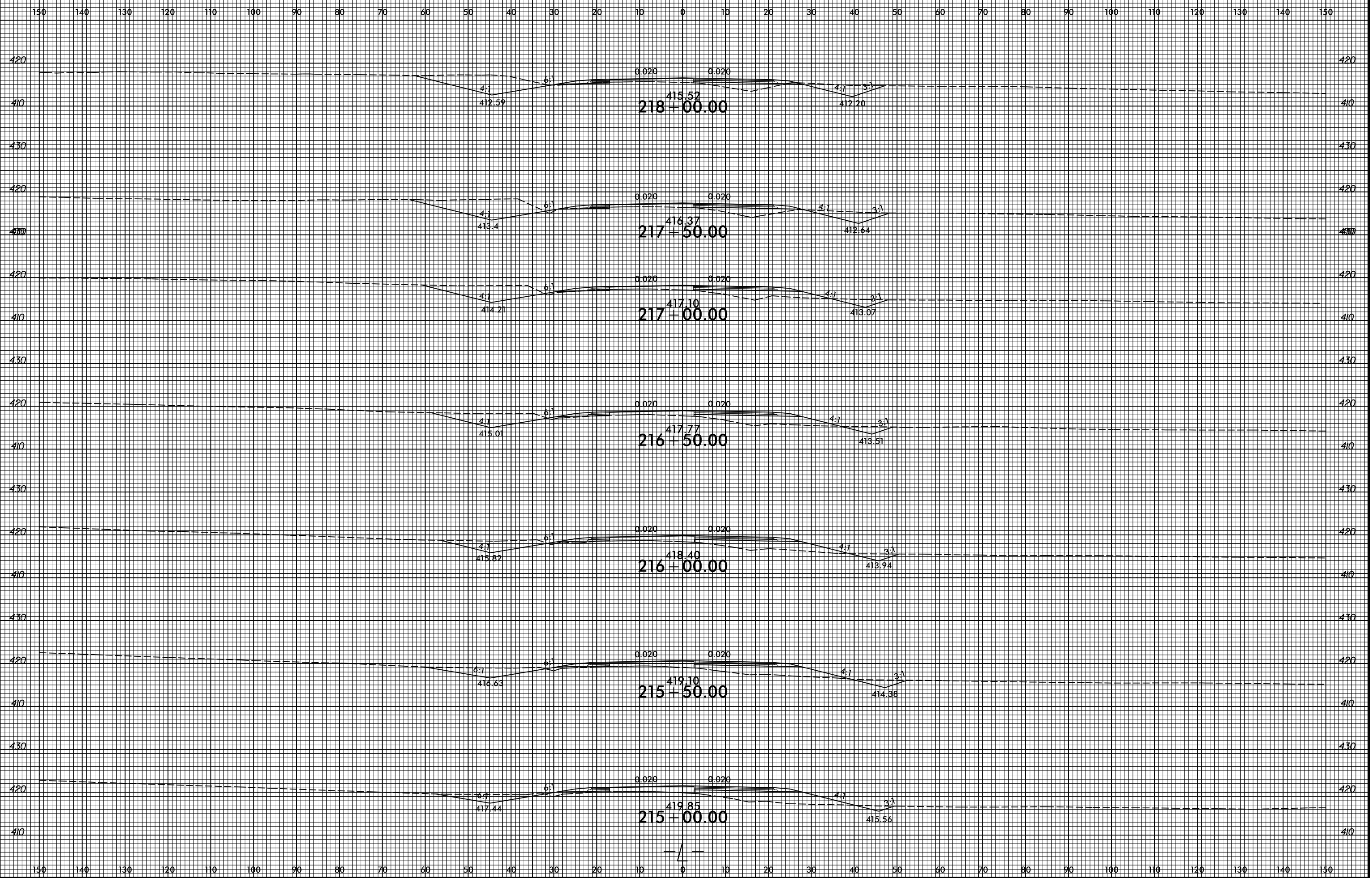
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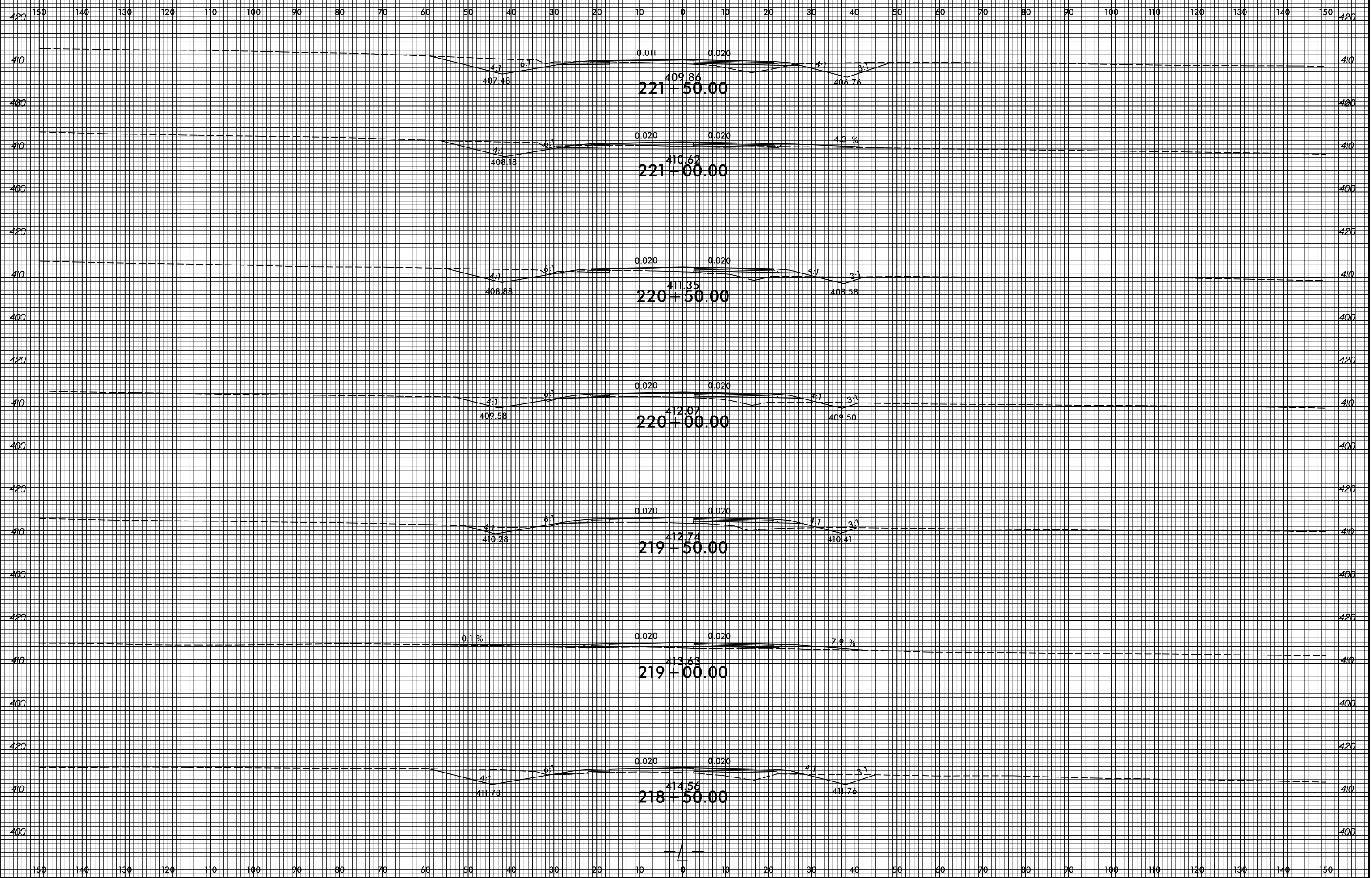
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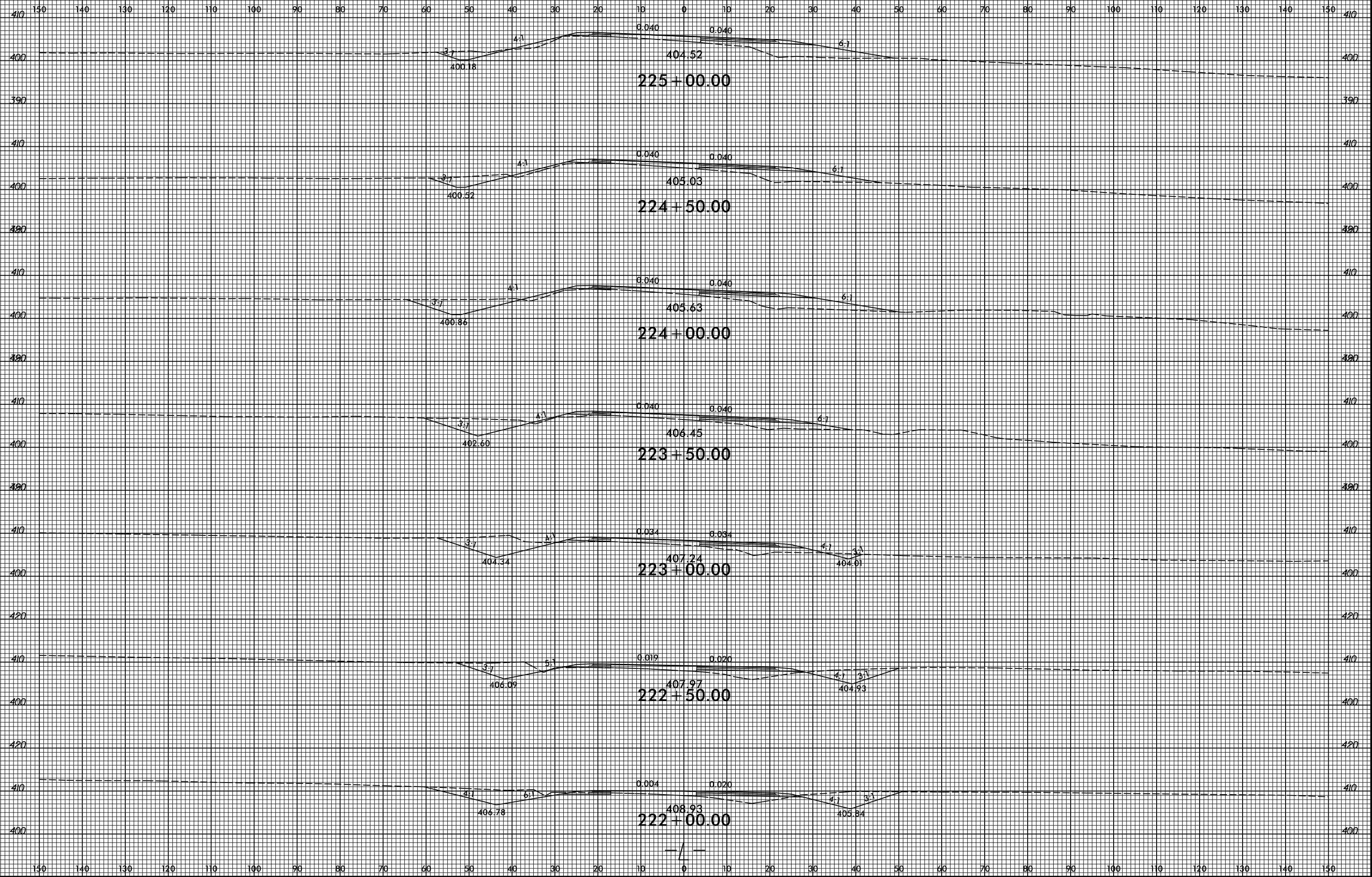


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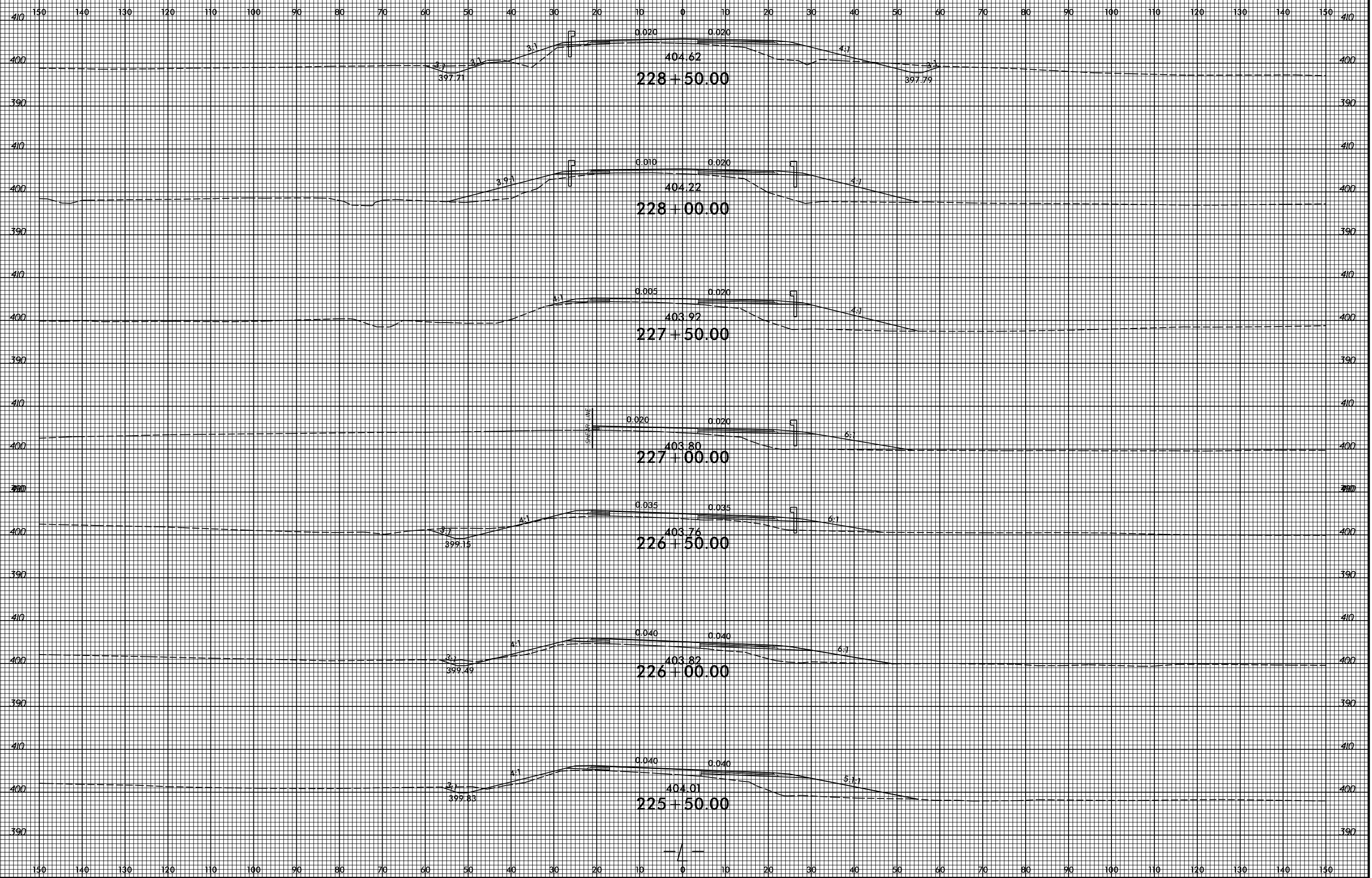
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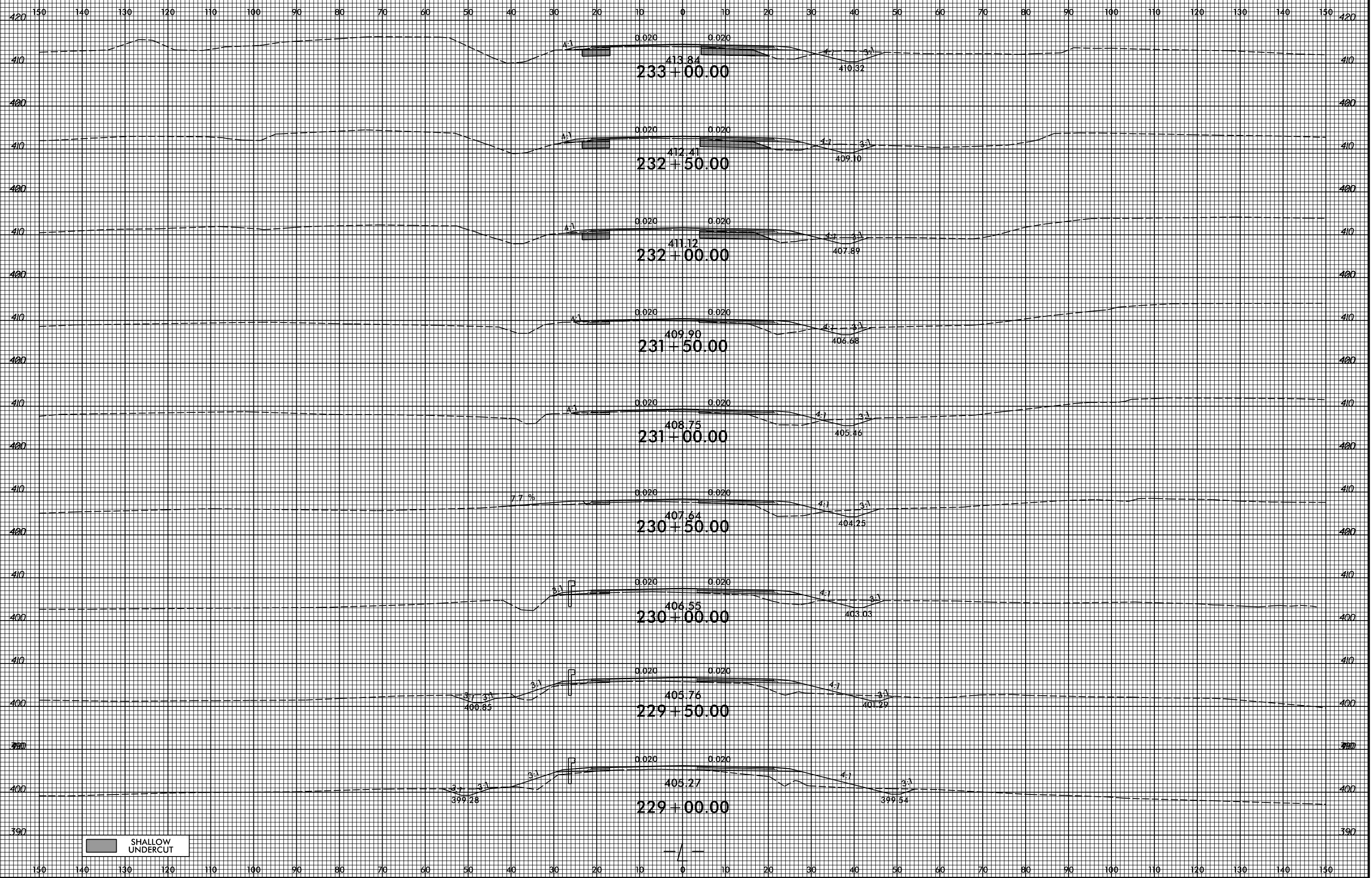


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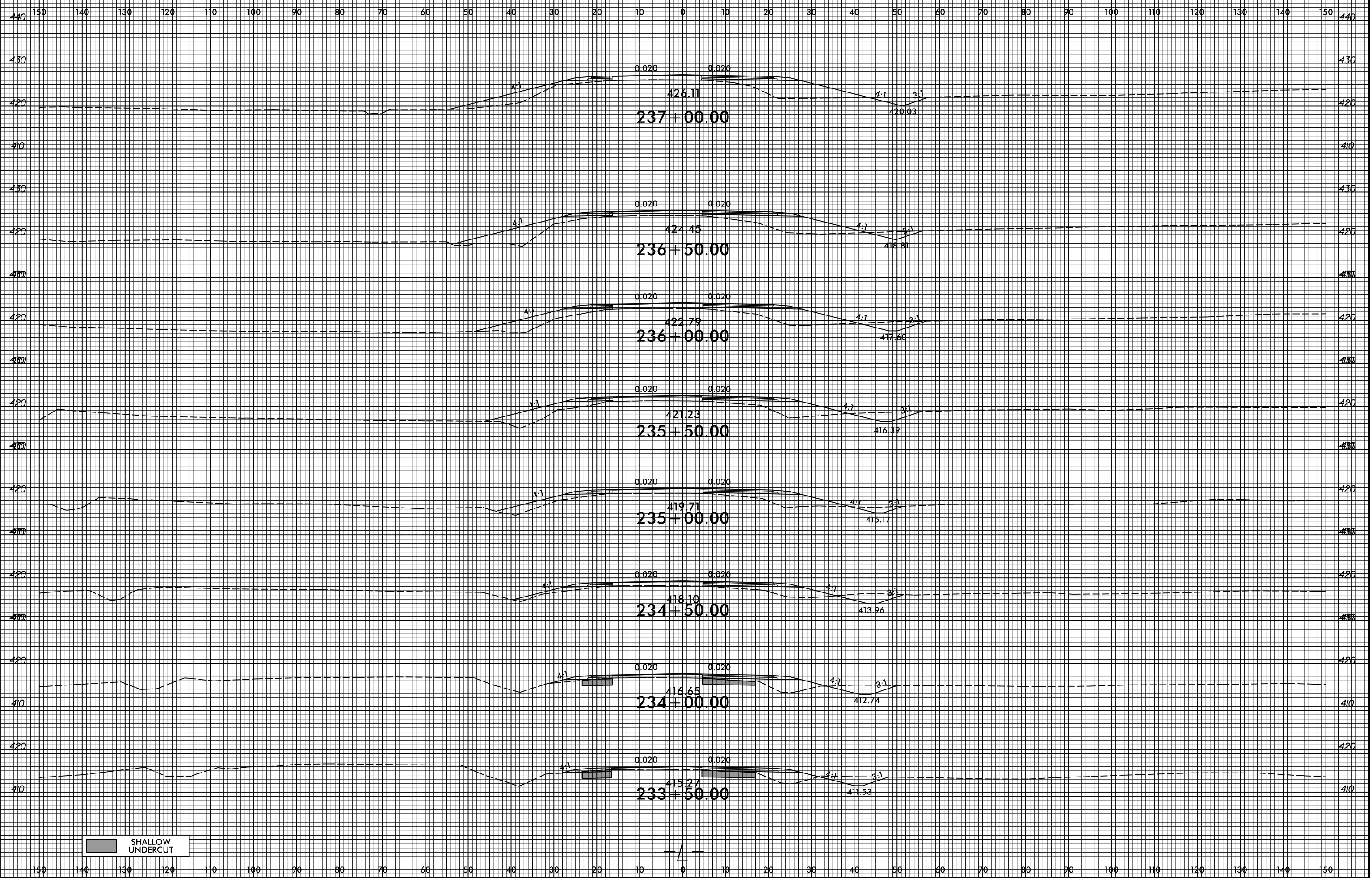
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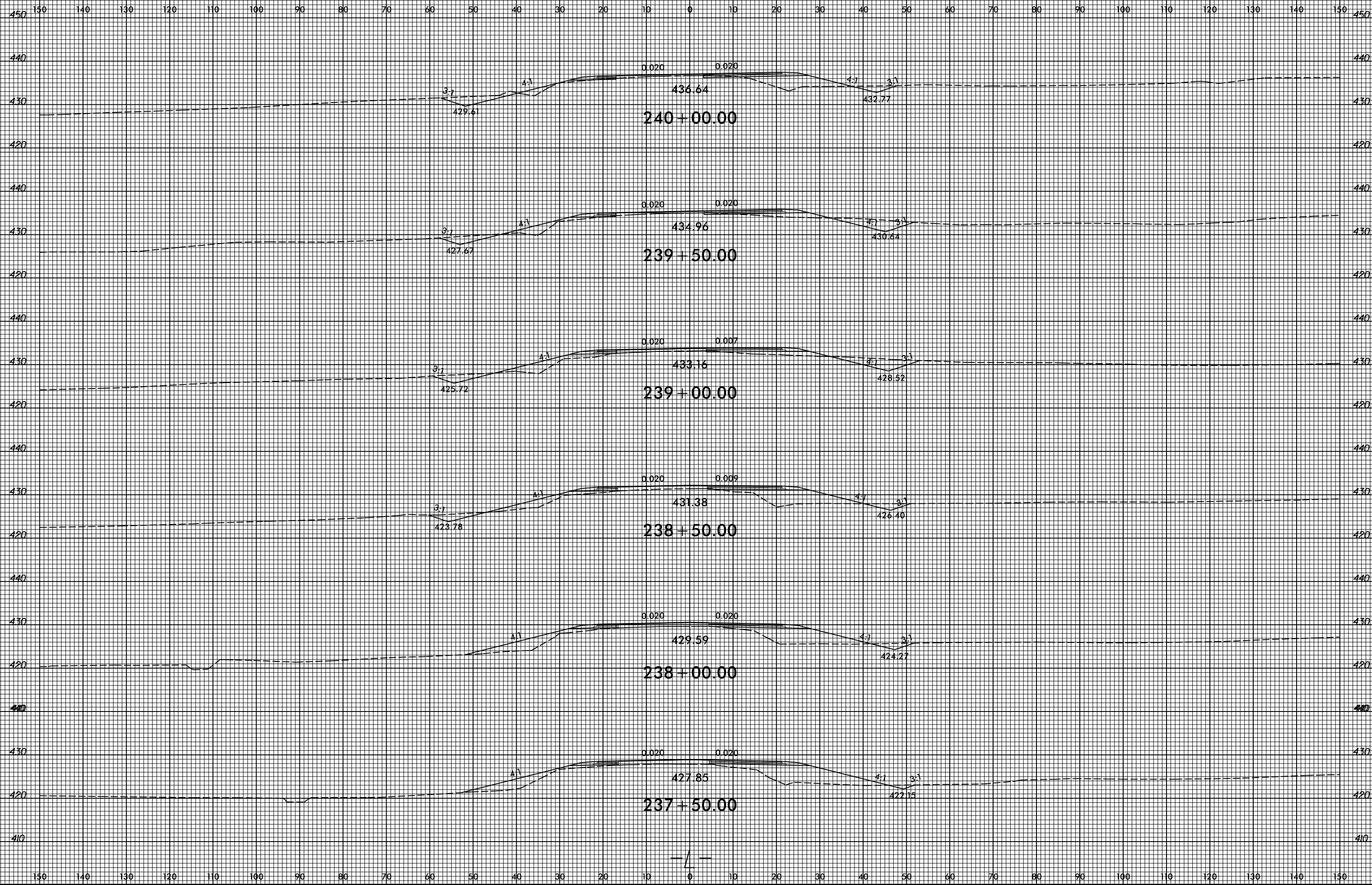
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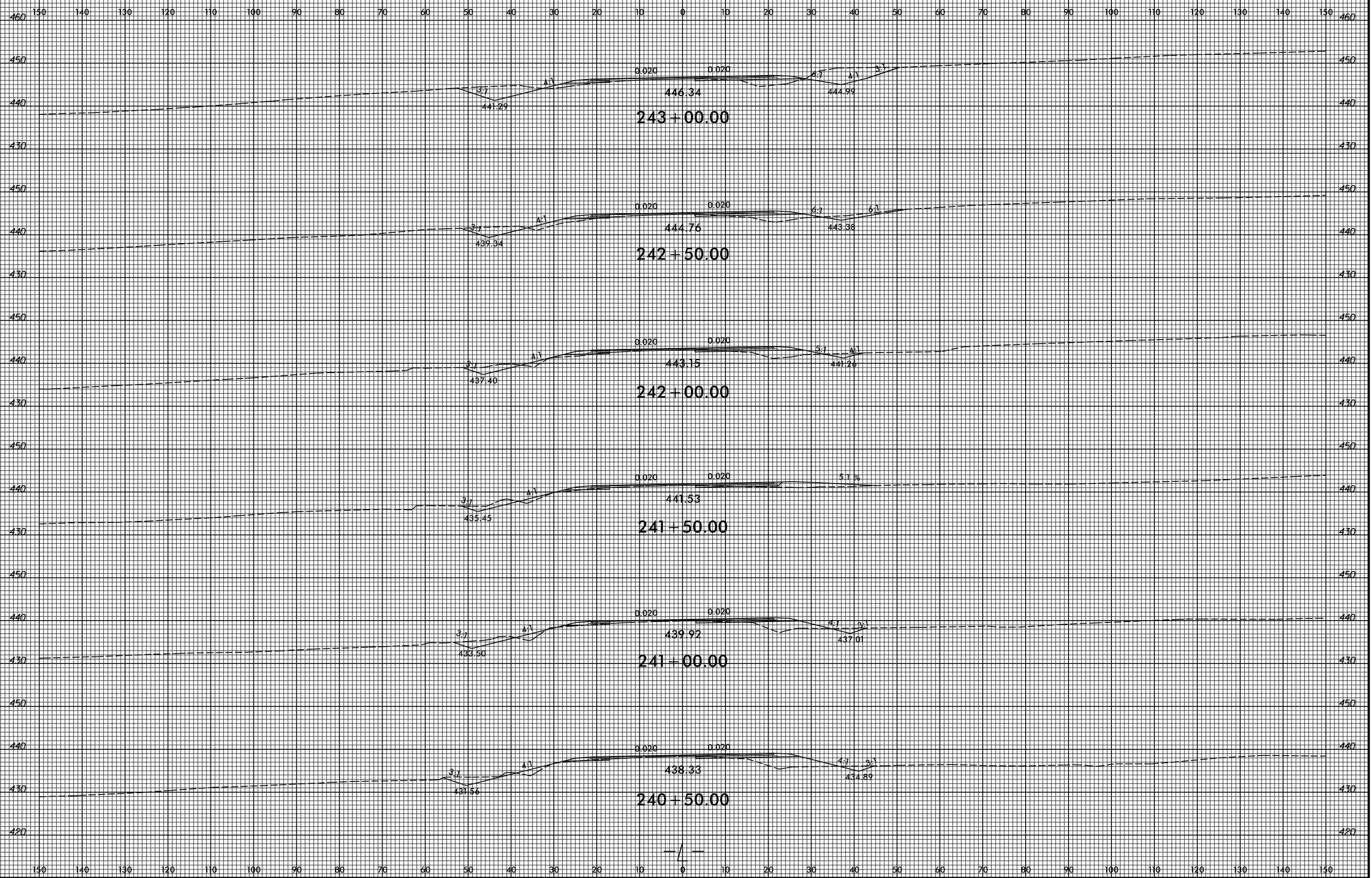


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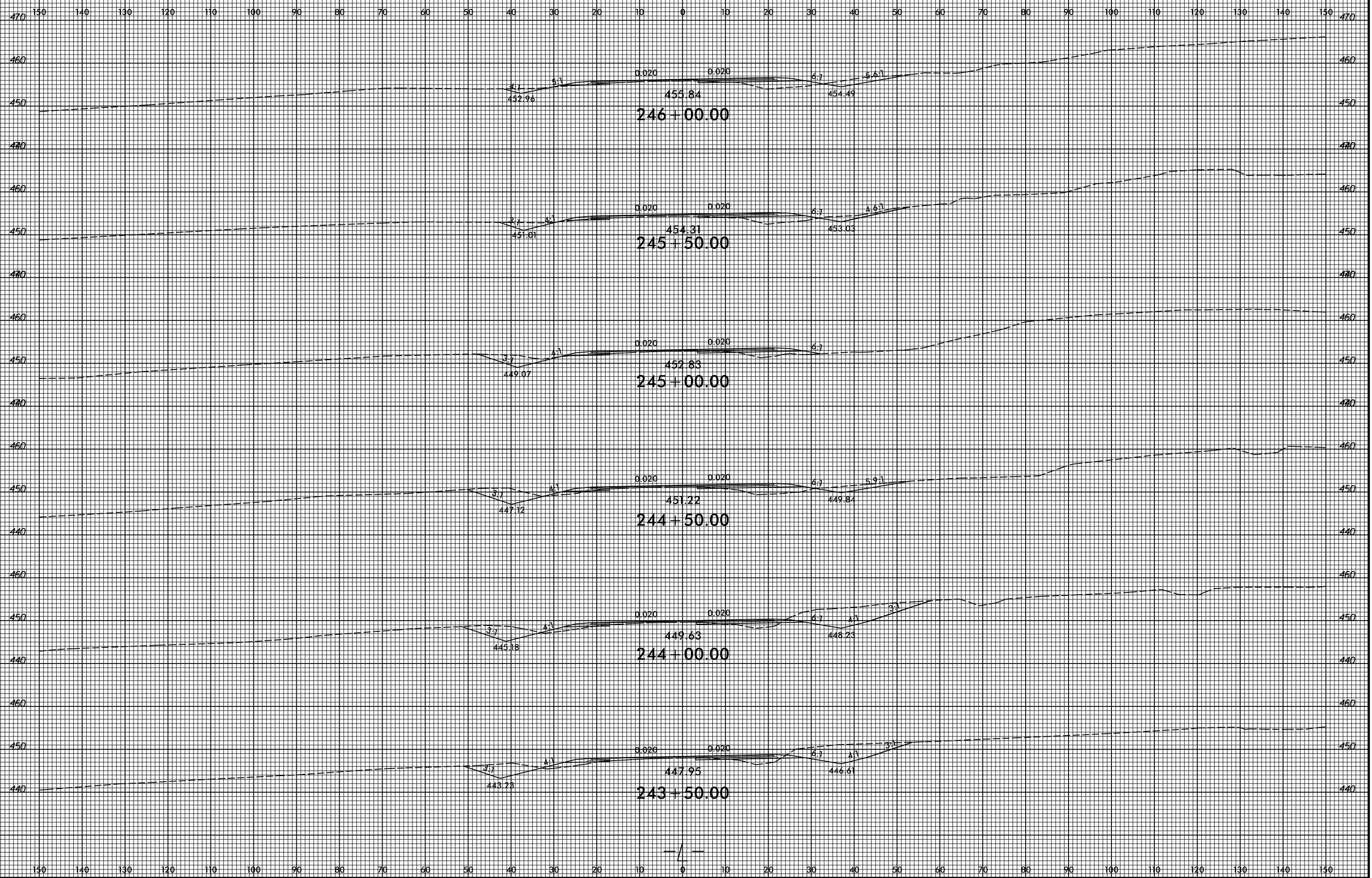
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 User:mCovey

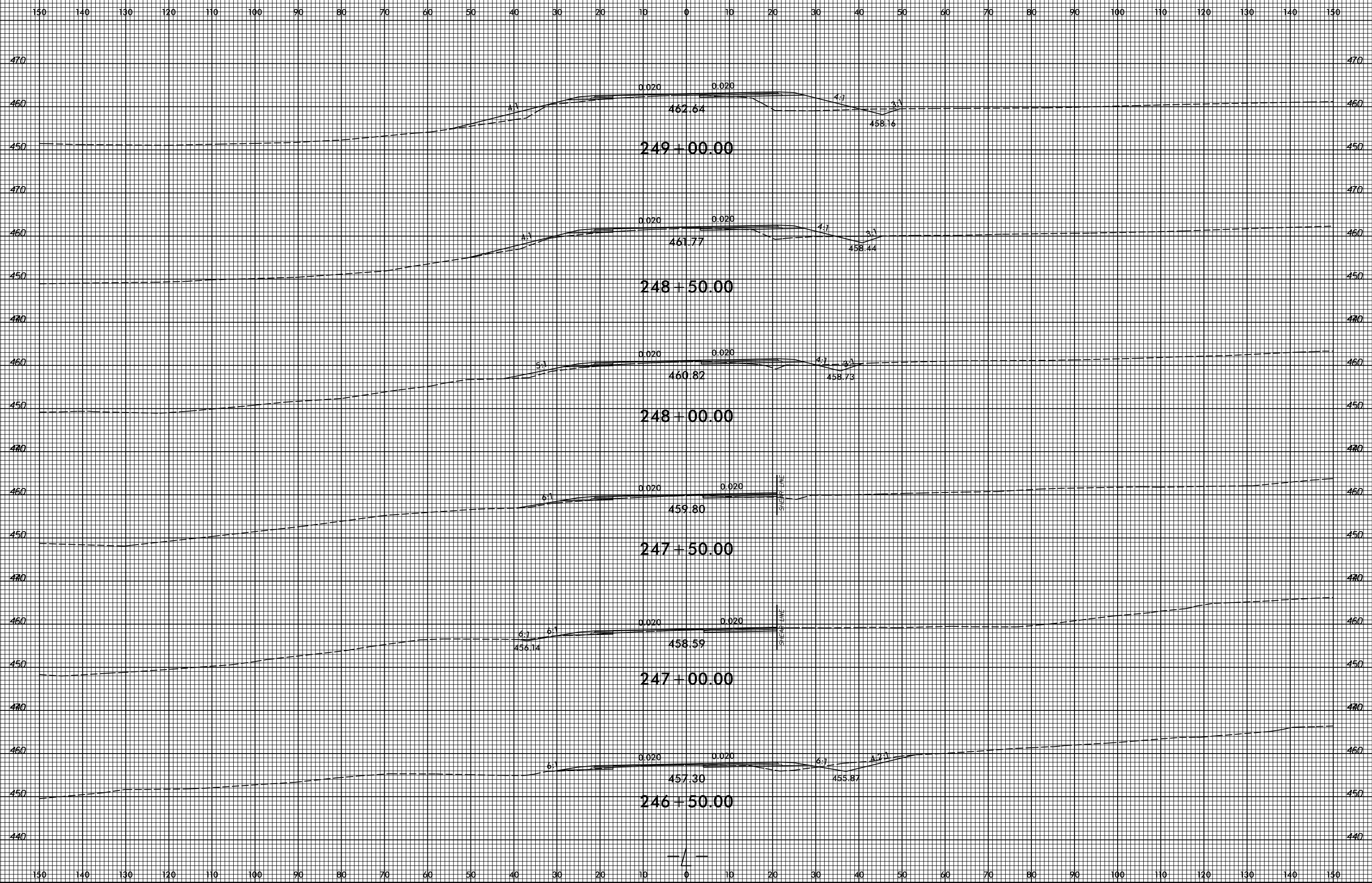


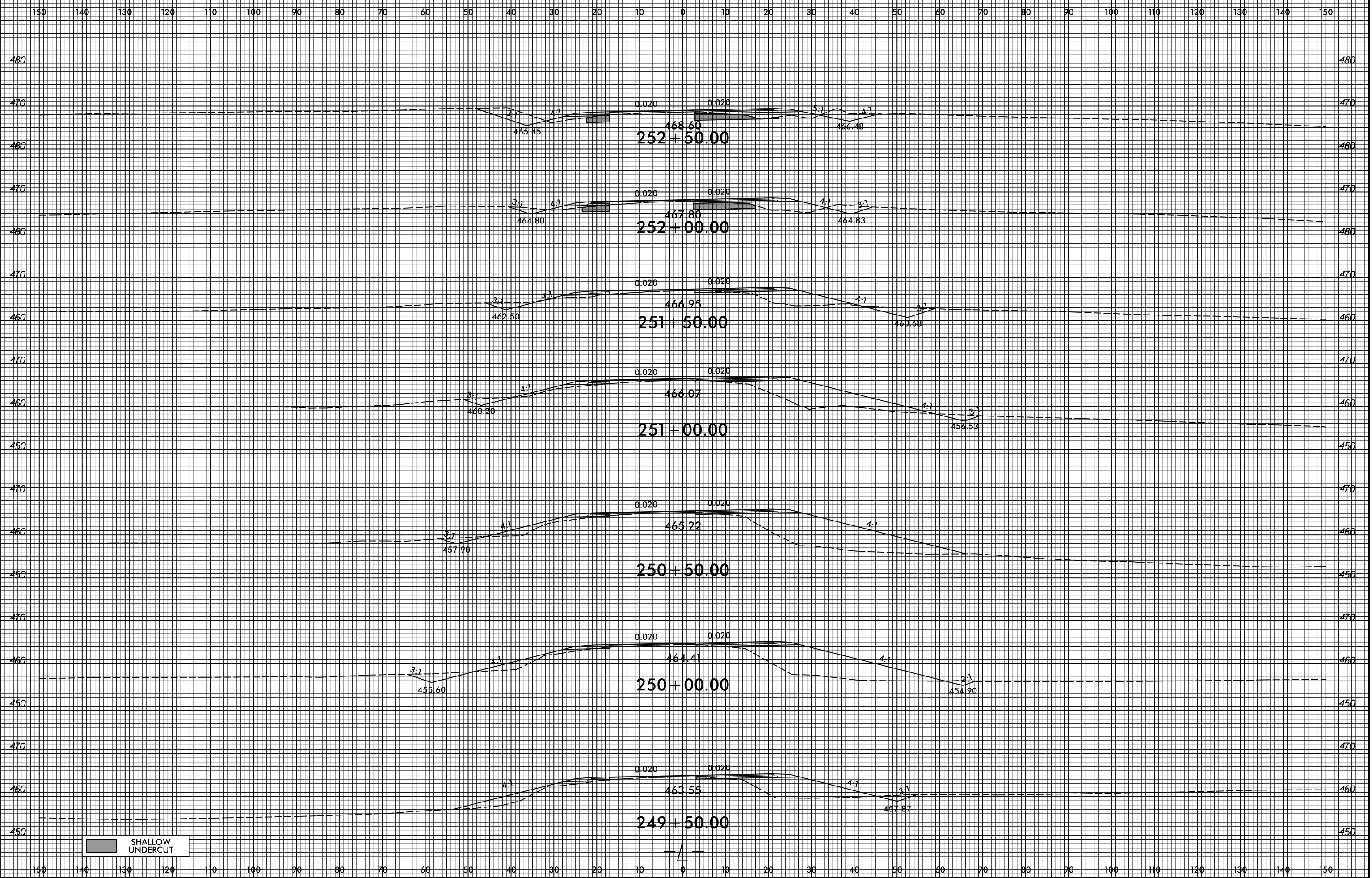




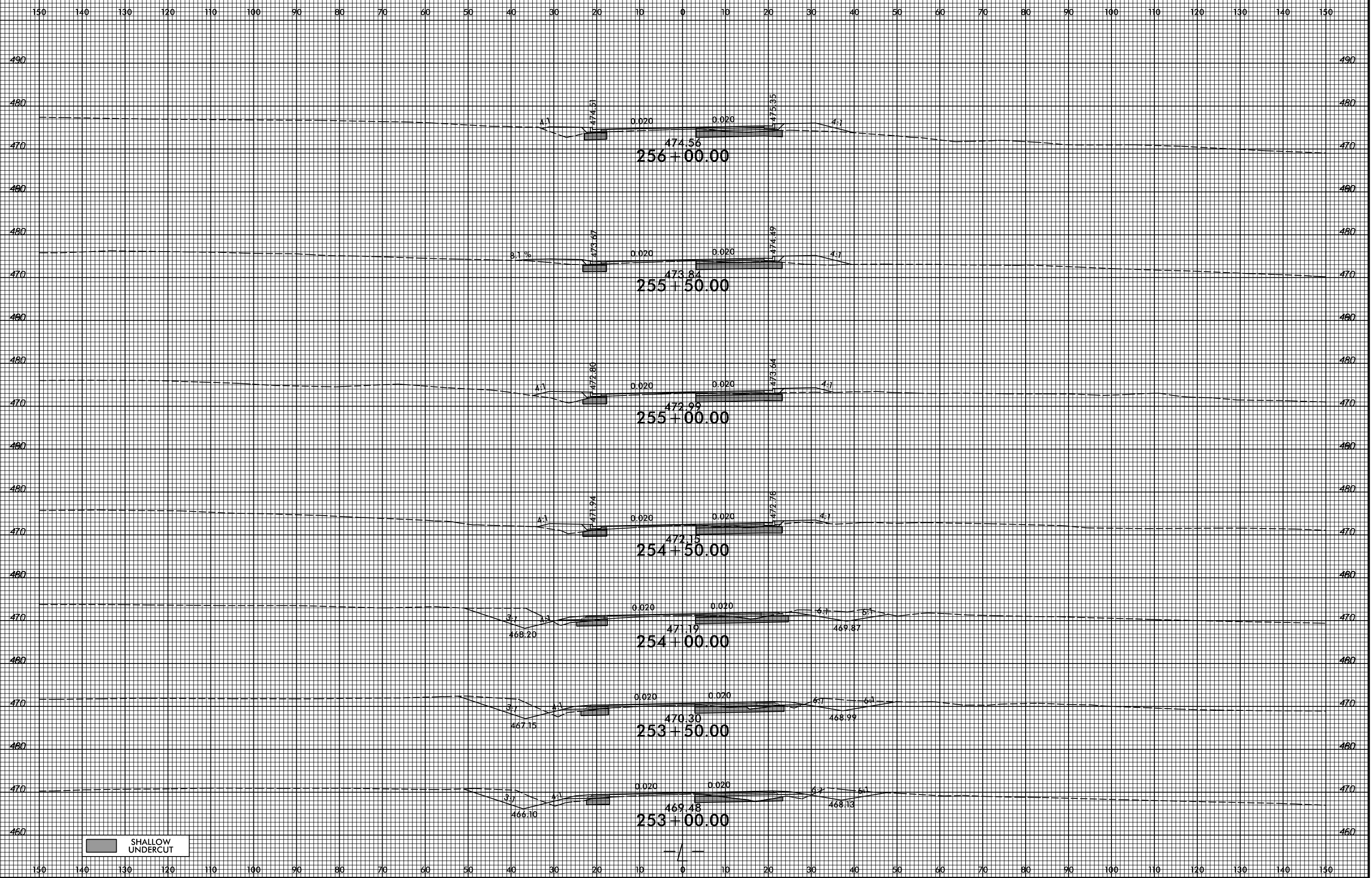
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User:mCovey





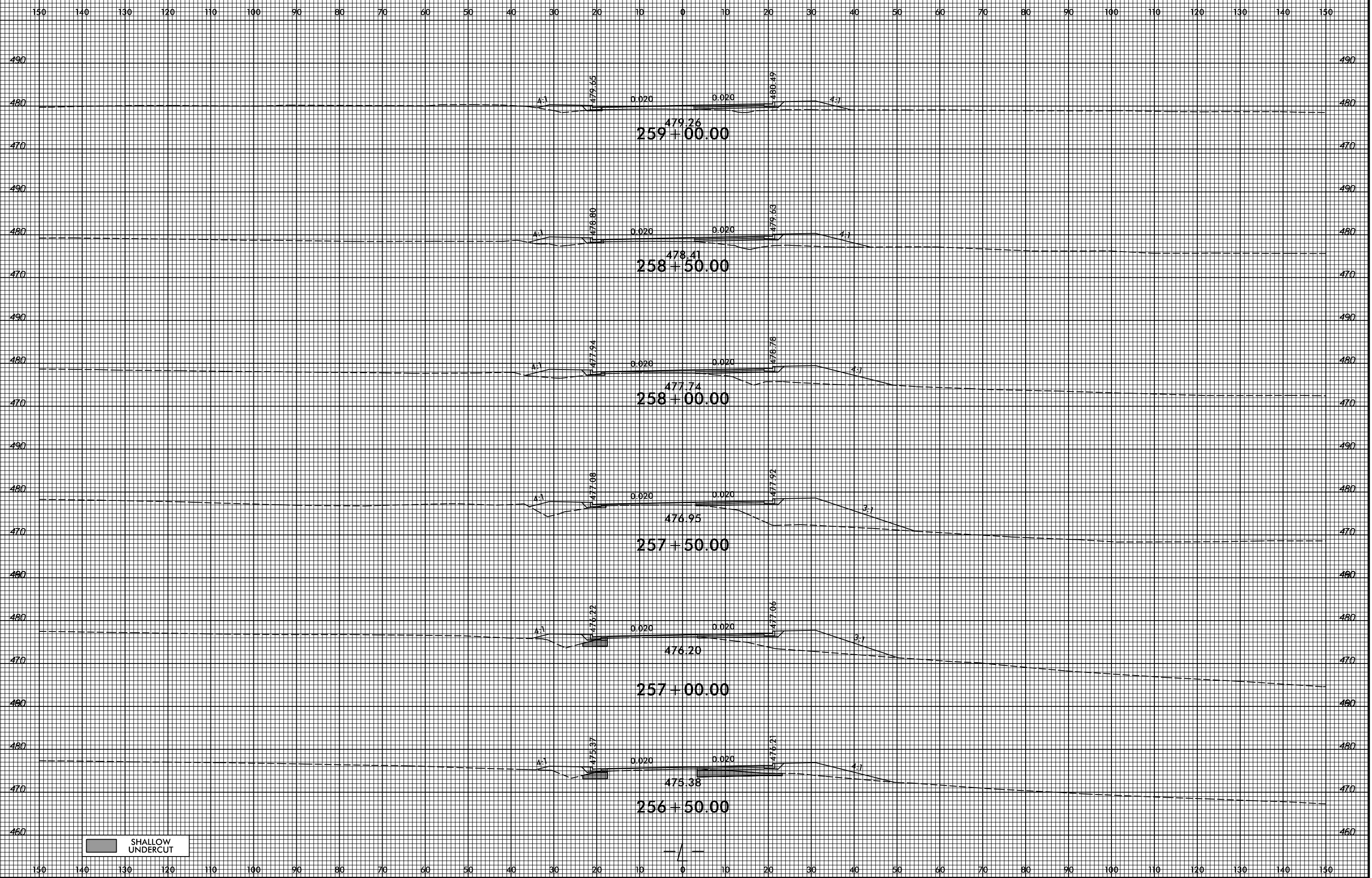


8/23/99

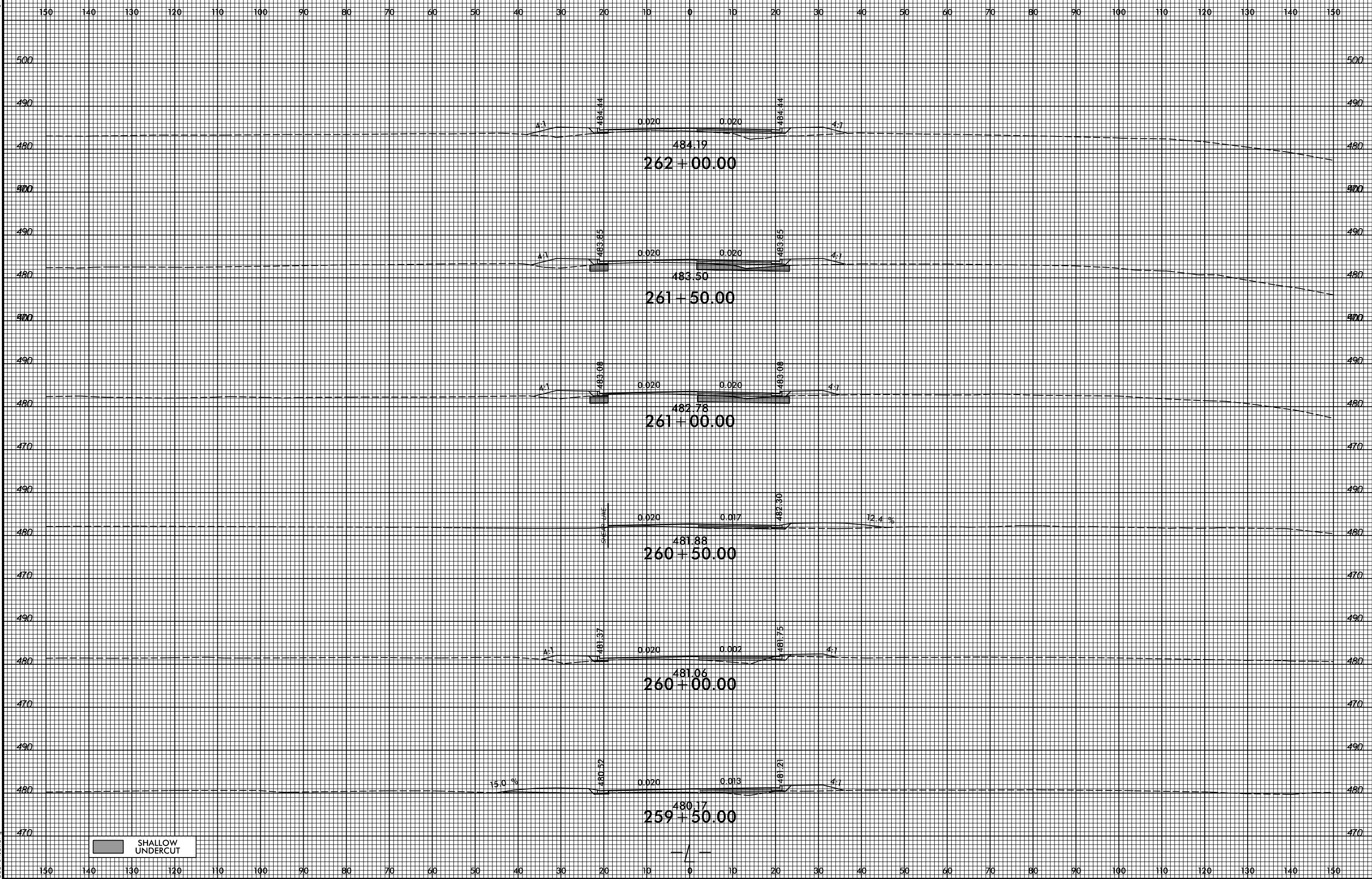


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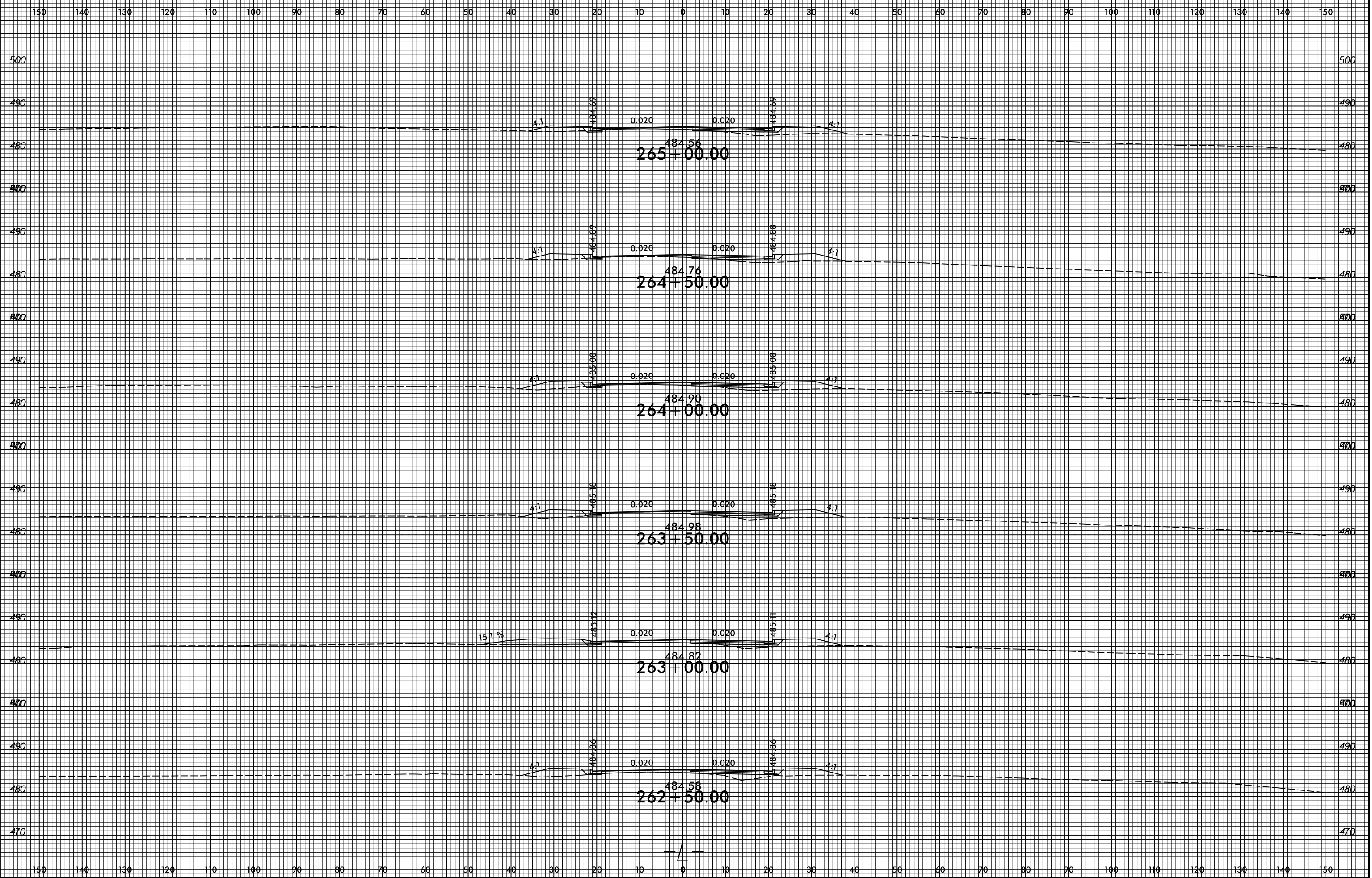
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 User:mlover



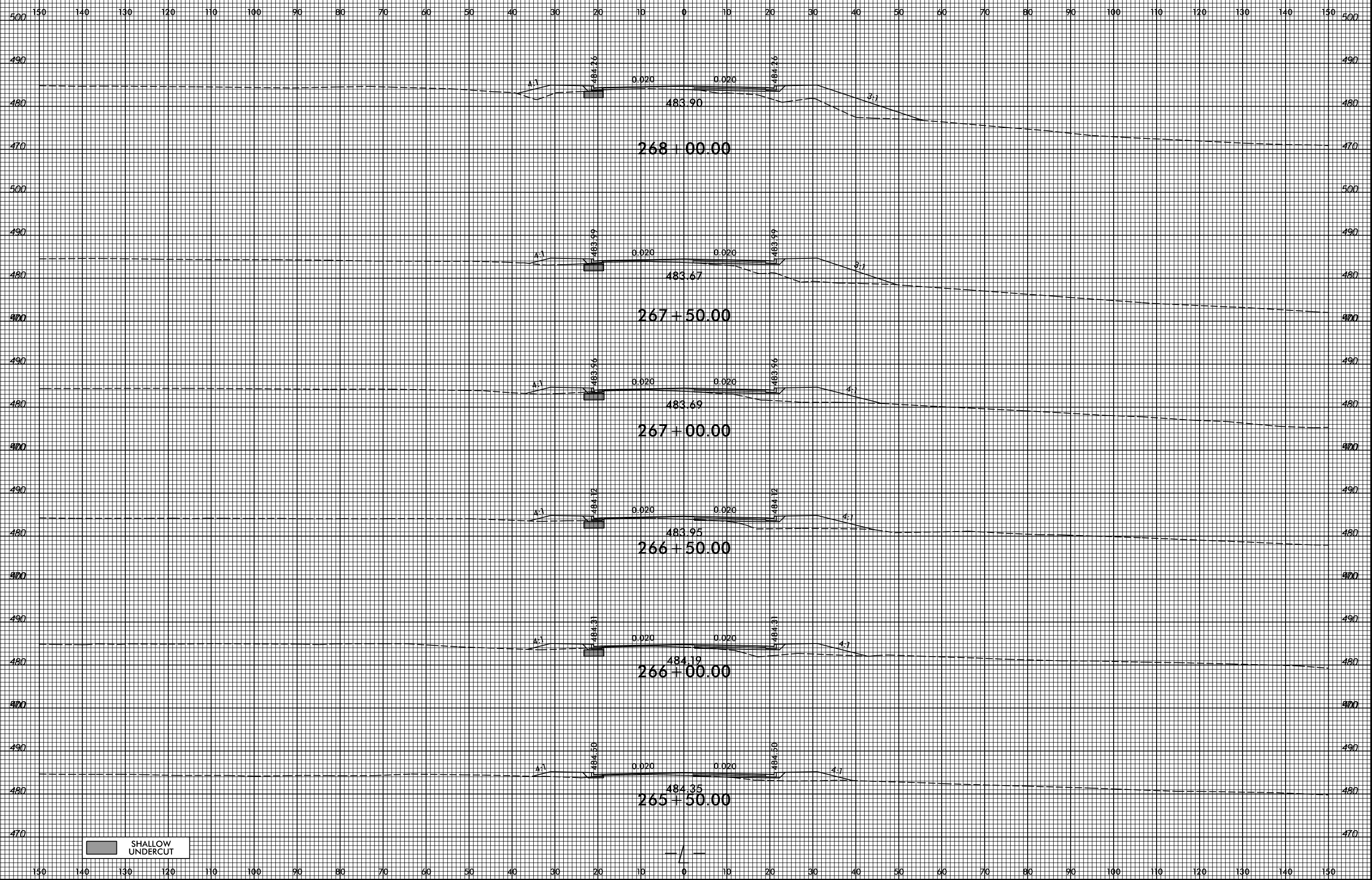
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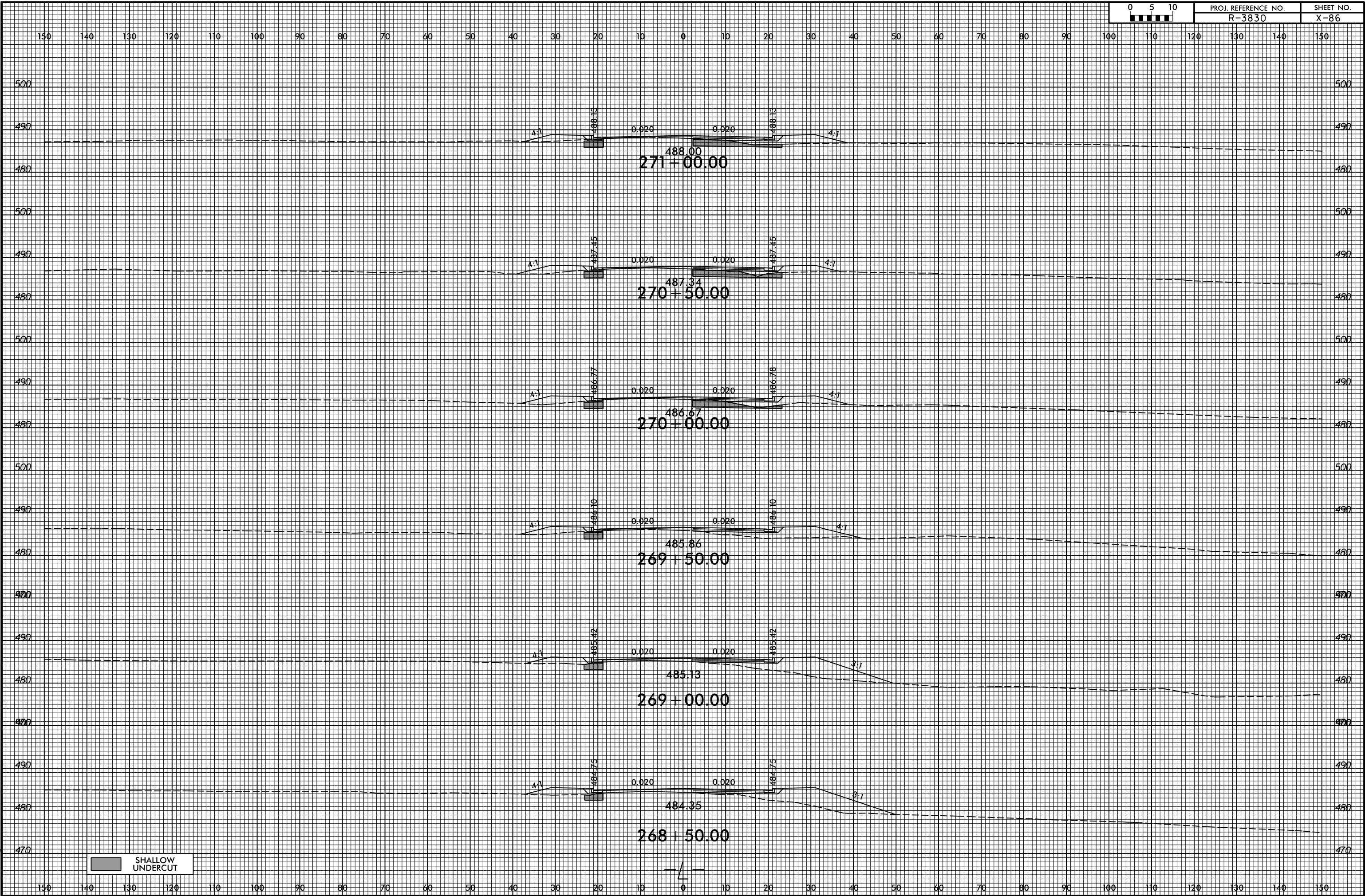
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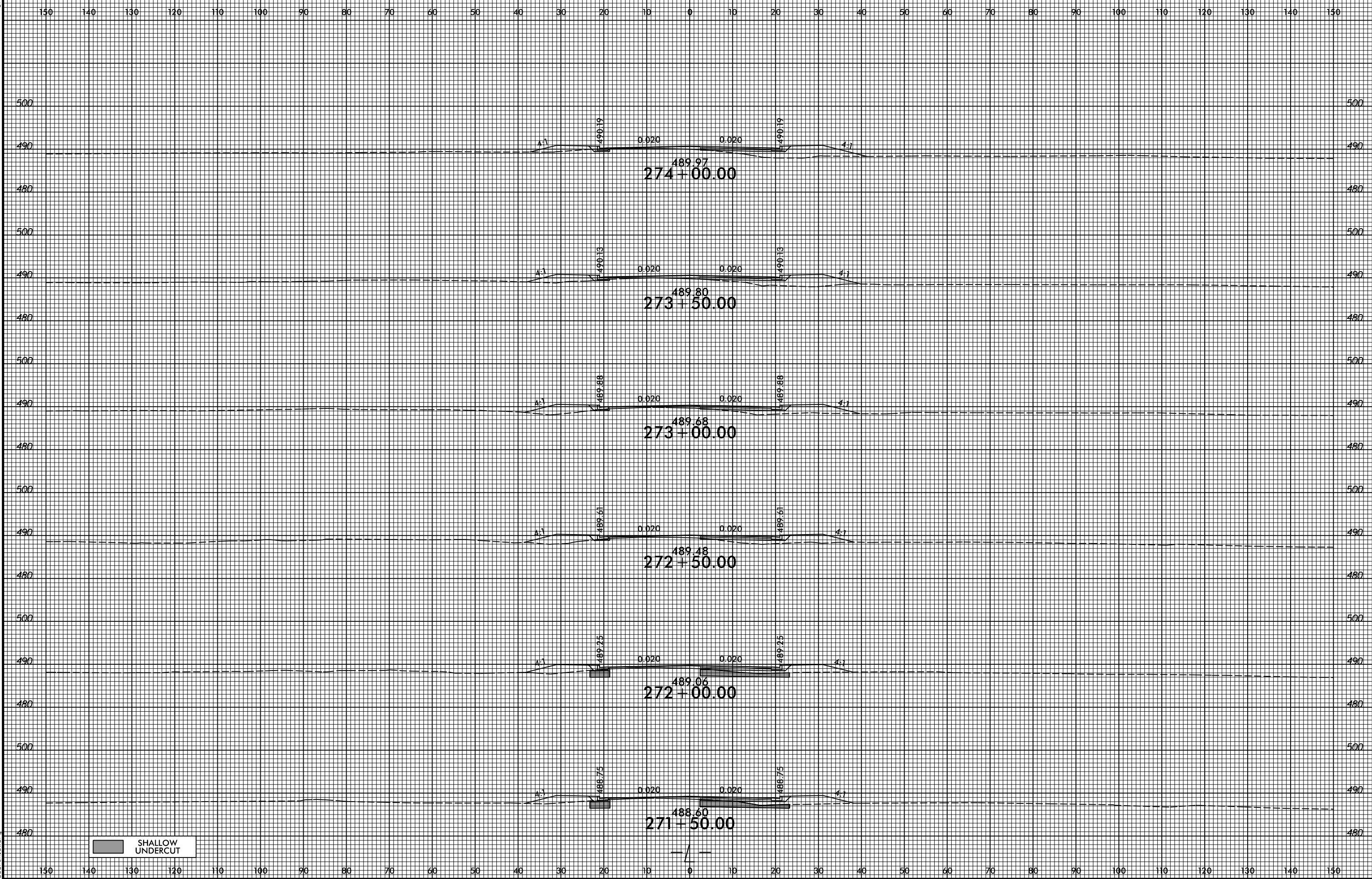
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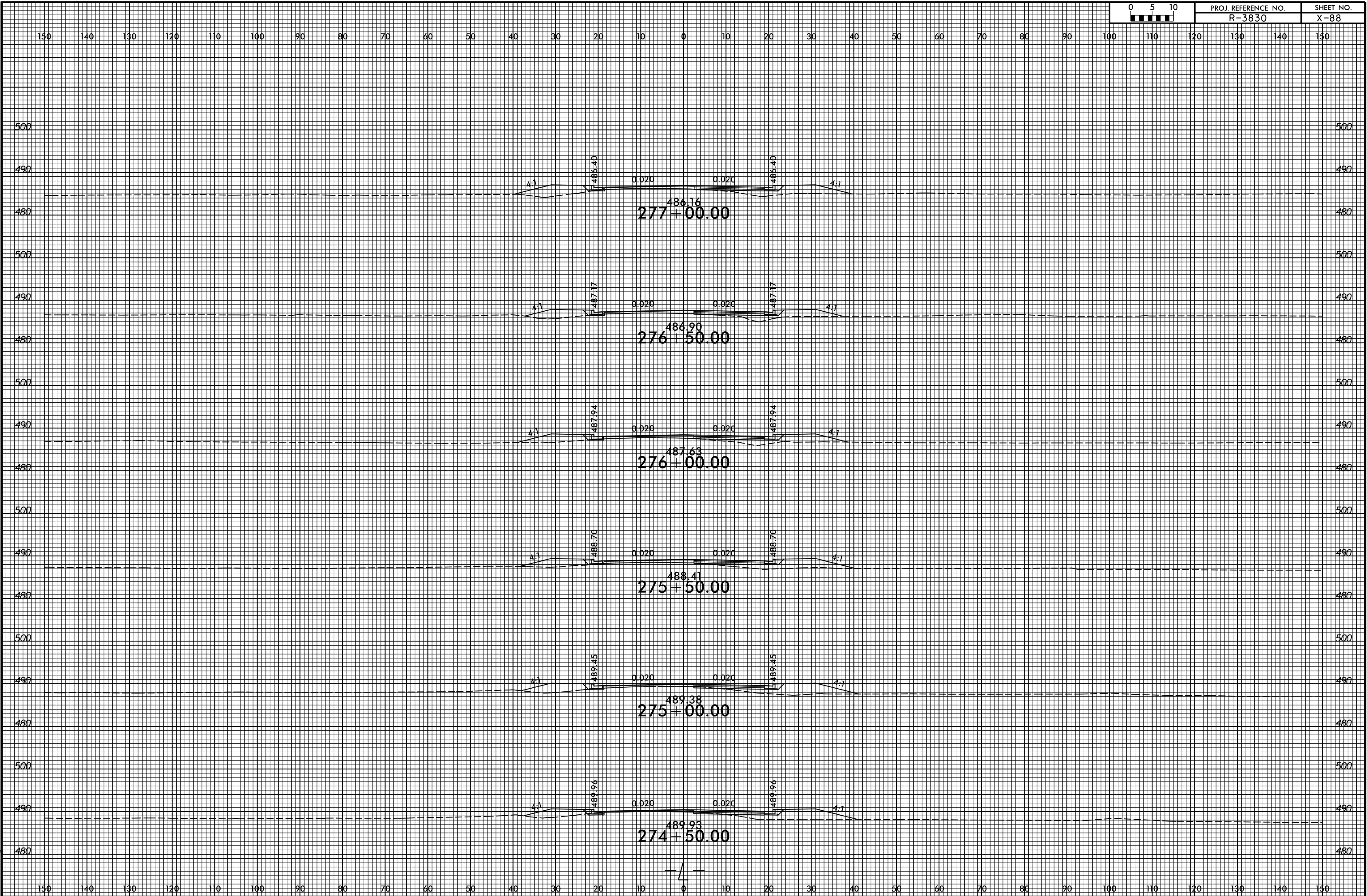


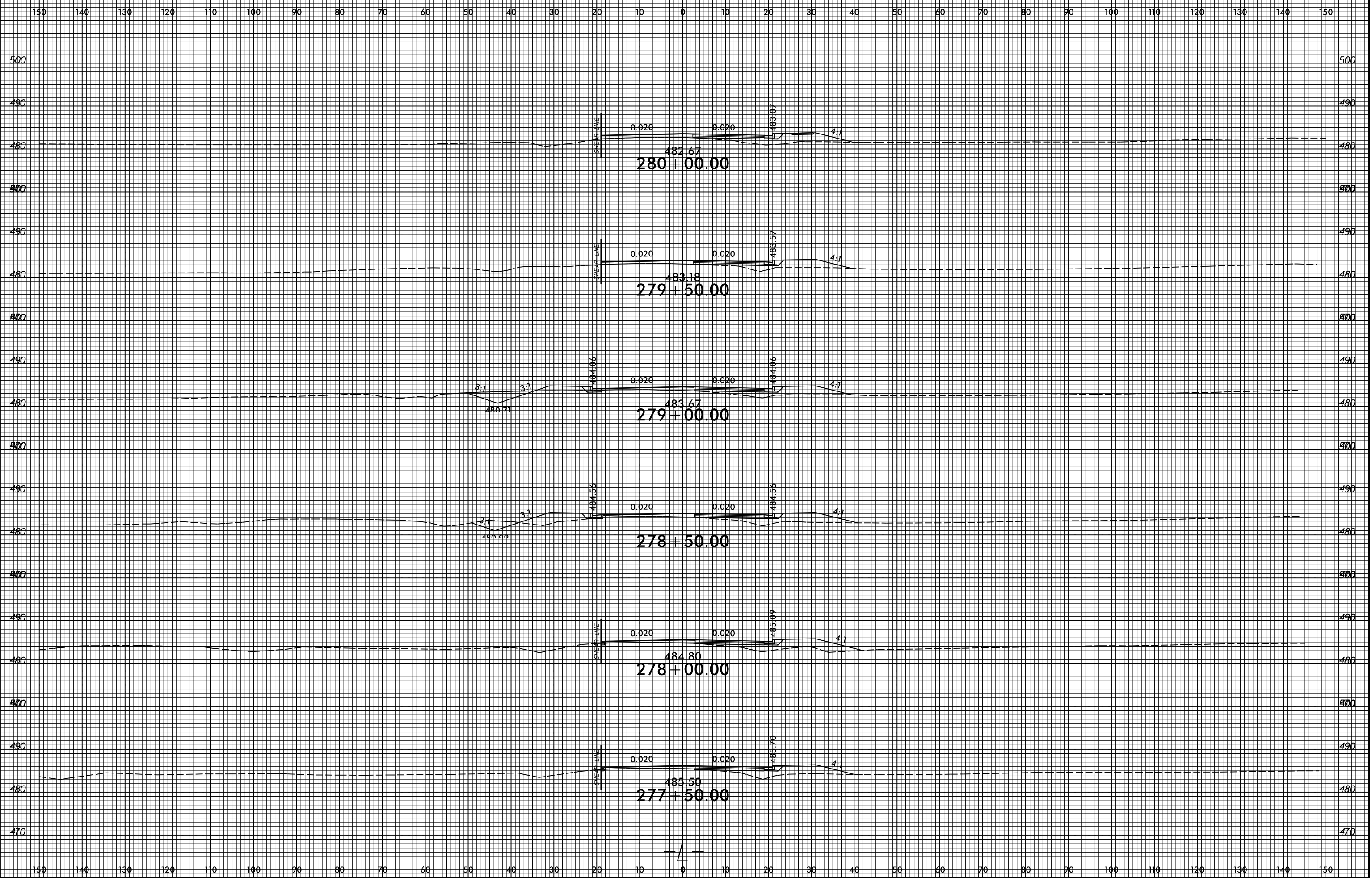
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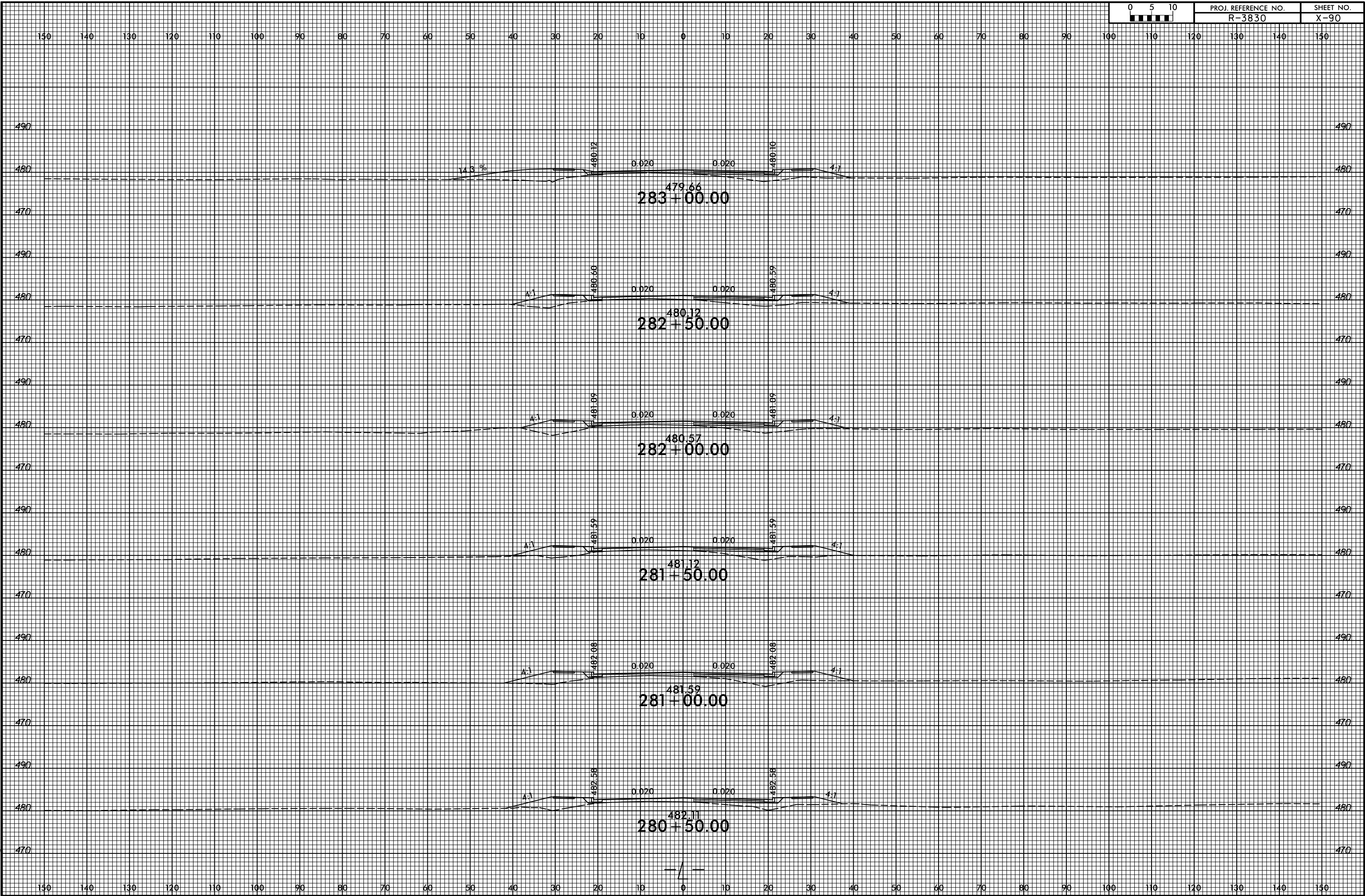
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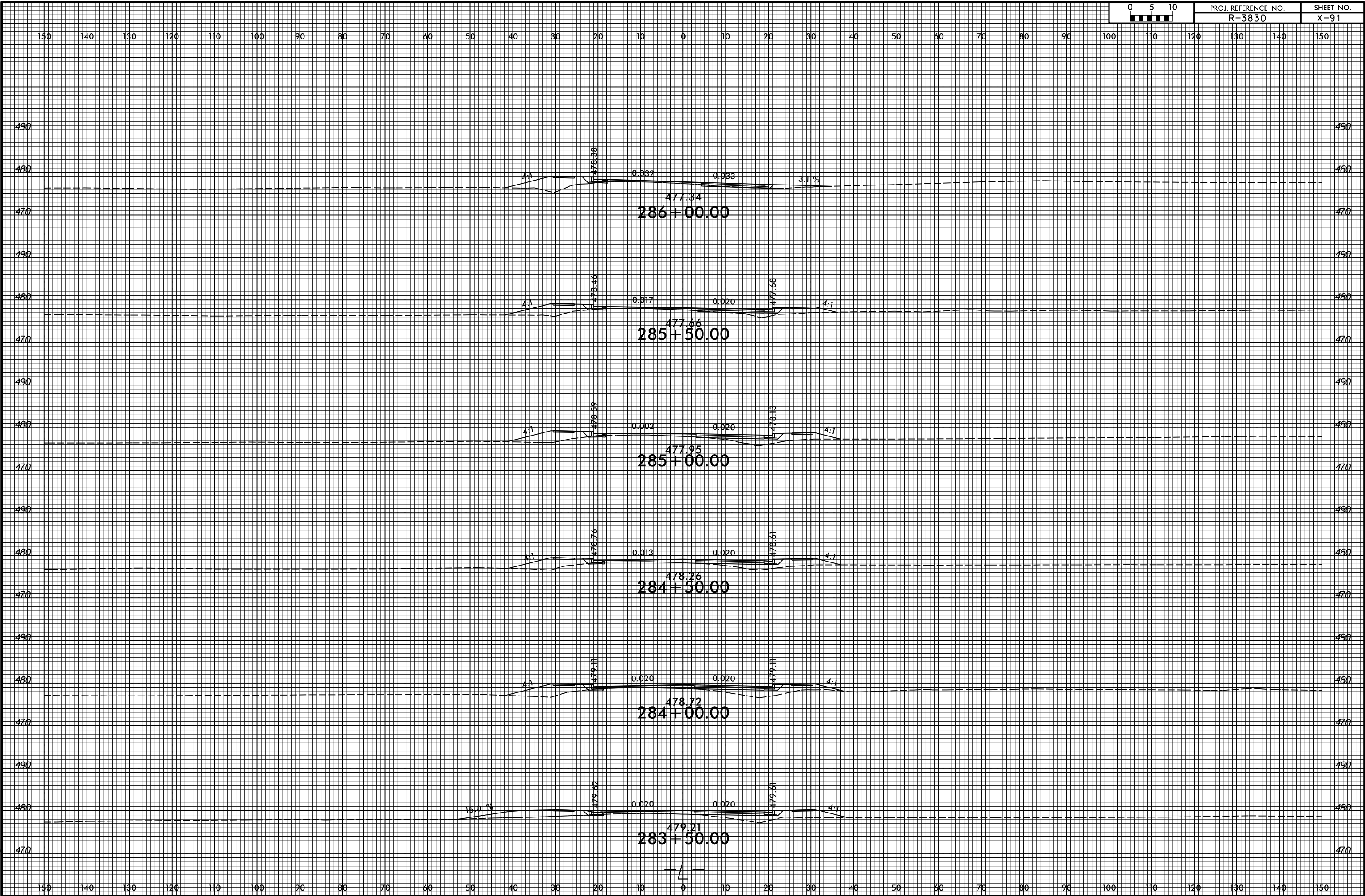
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 User:mCovey

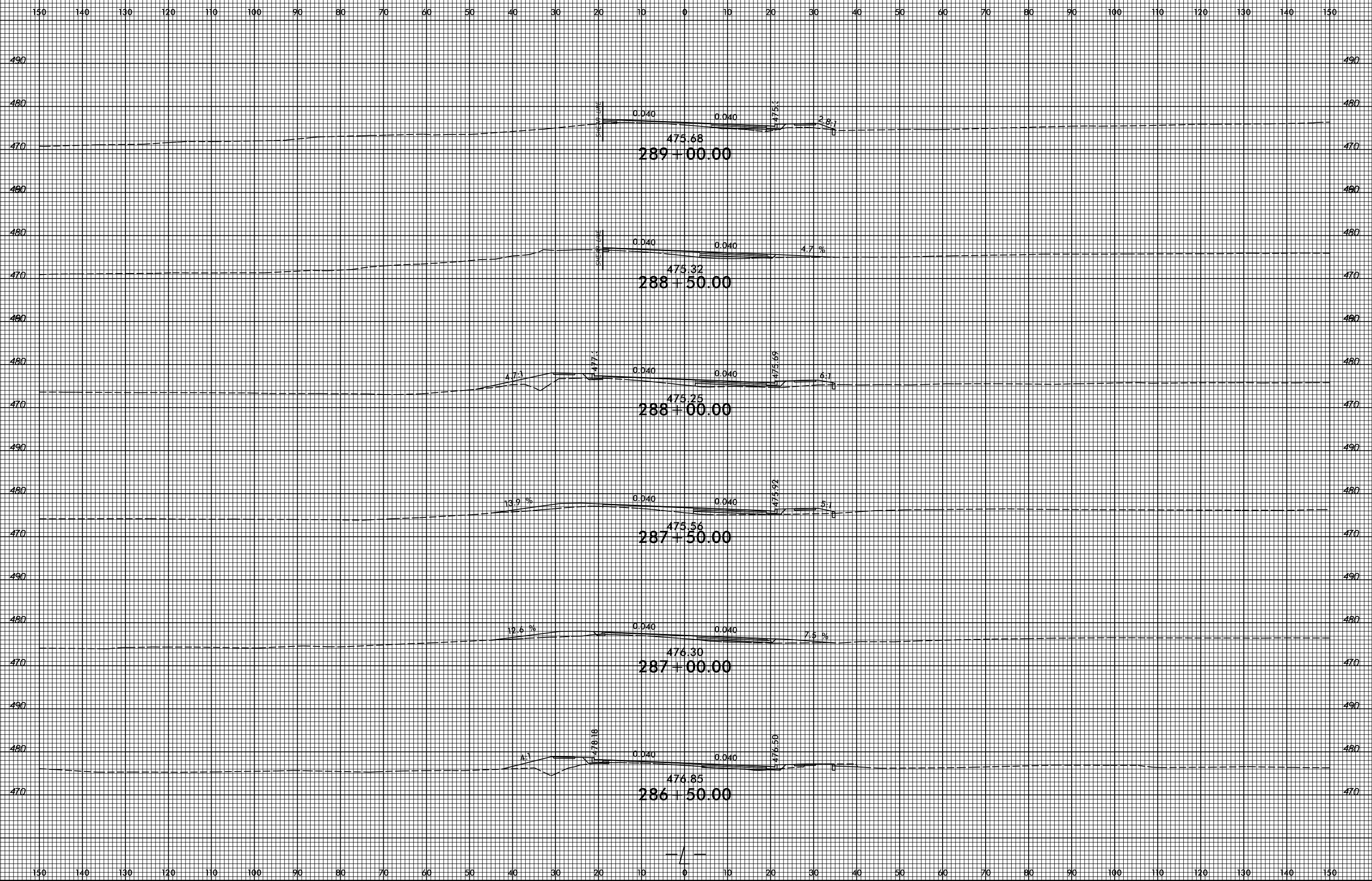




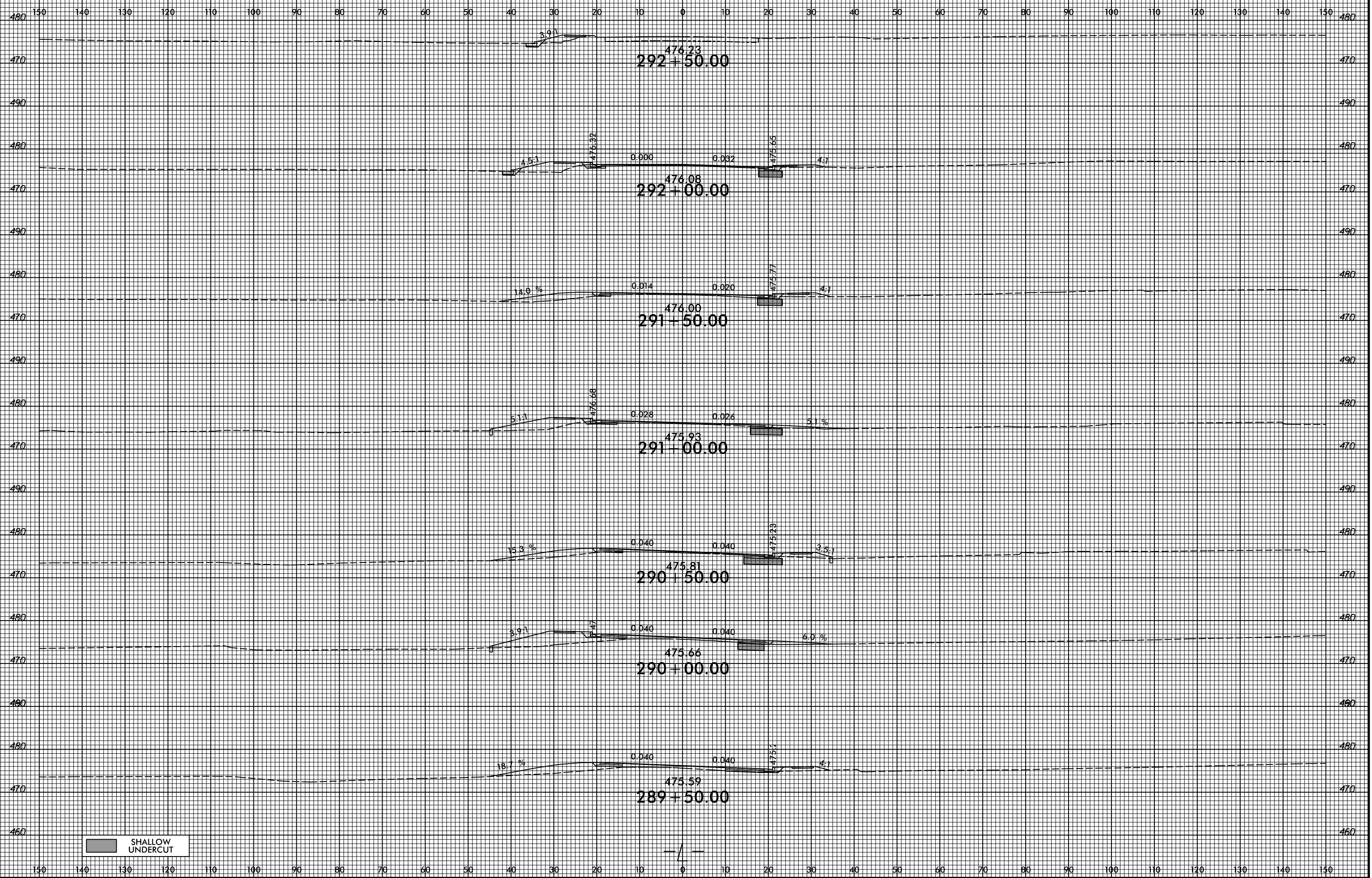
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User:mCovey





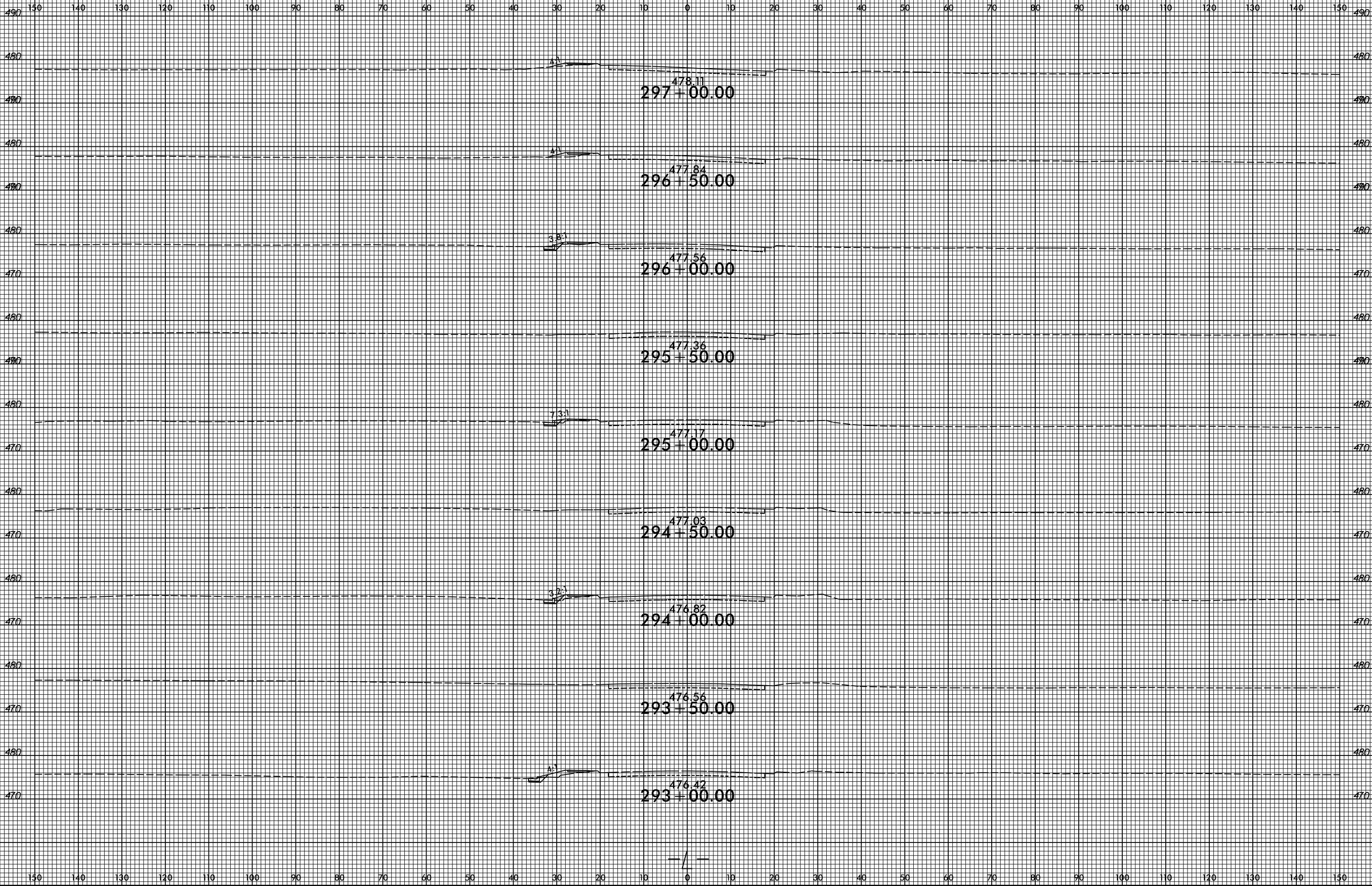


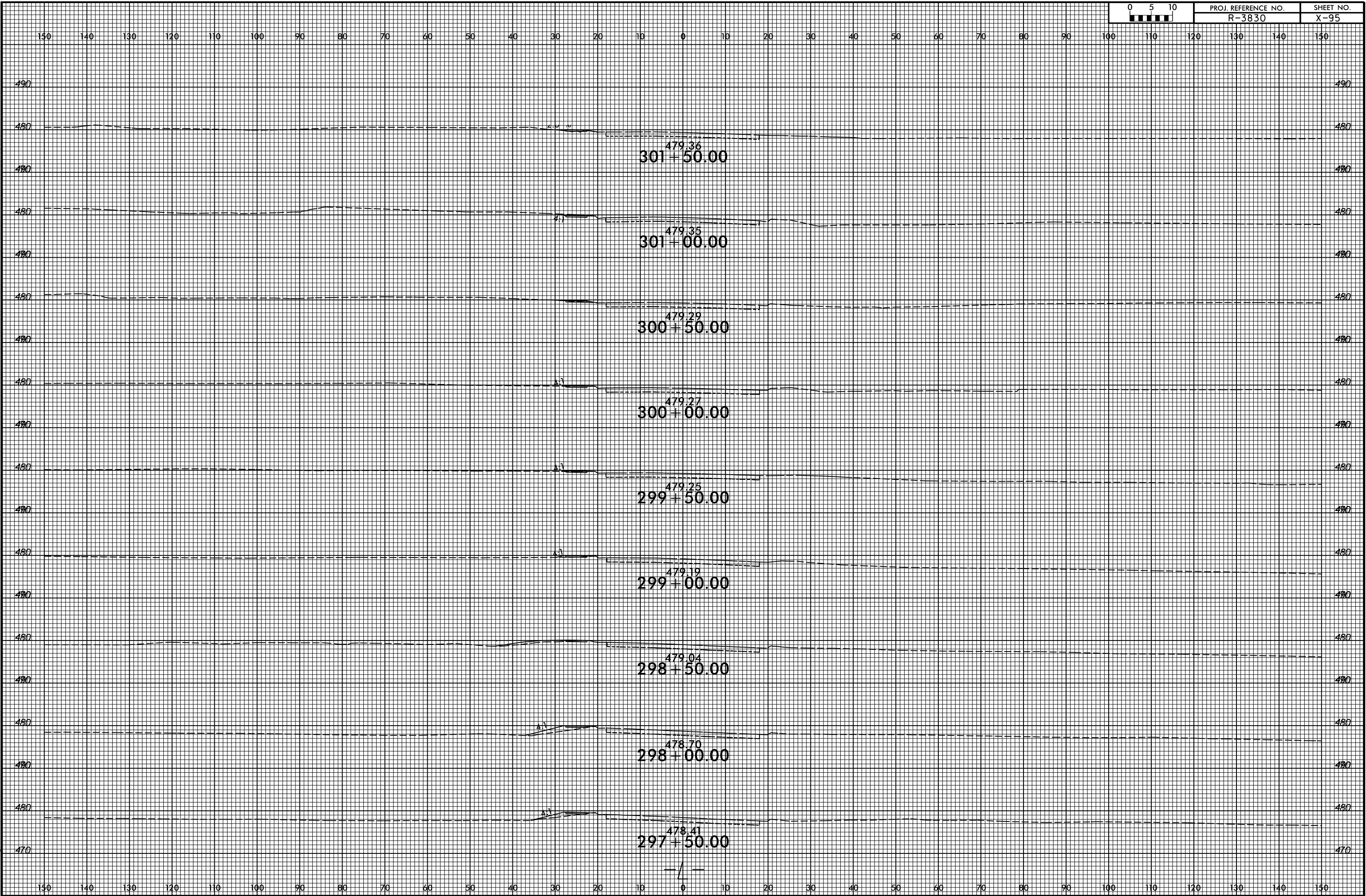
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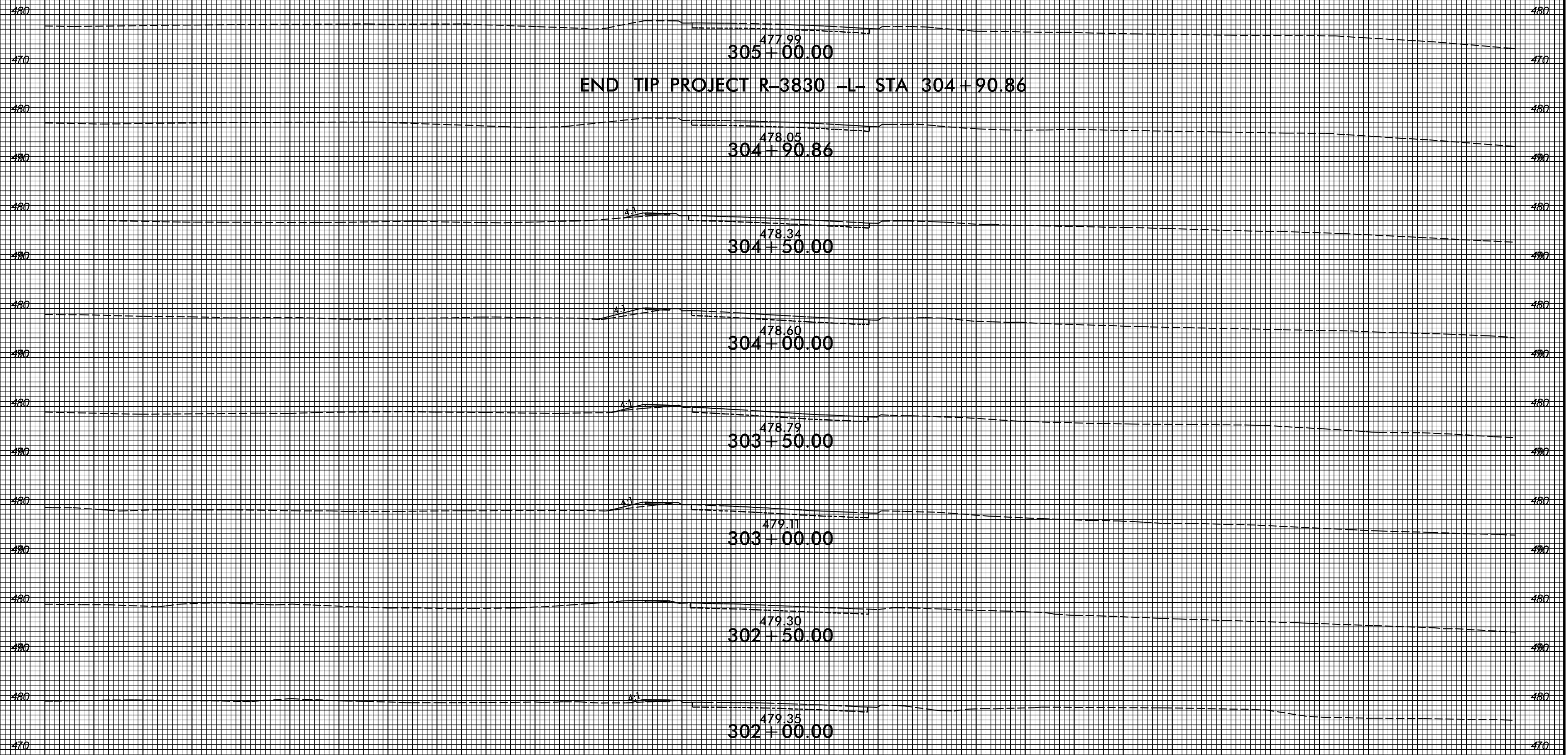
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4/8/2022
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 User:mlover





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



END TIP PROJECT R-3830 -L- STA 304+90.86

305+00.00

304+90.86

304+50.00

304+00.00

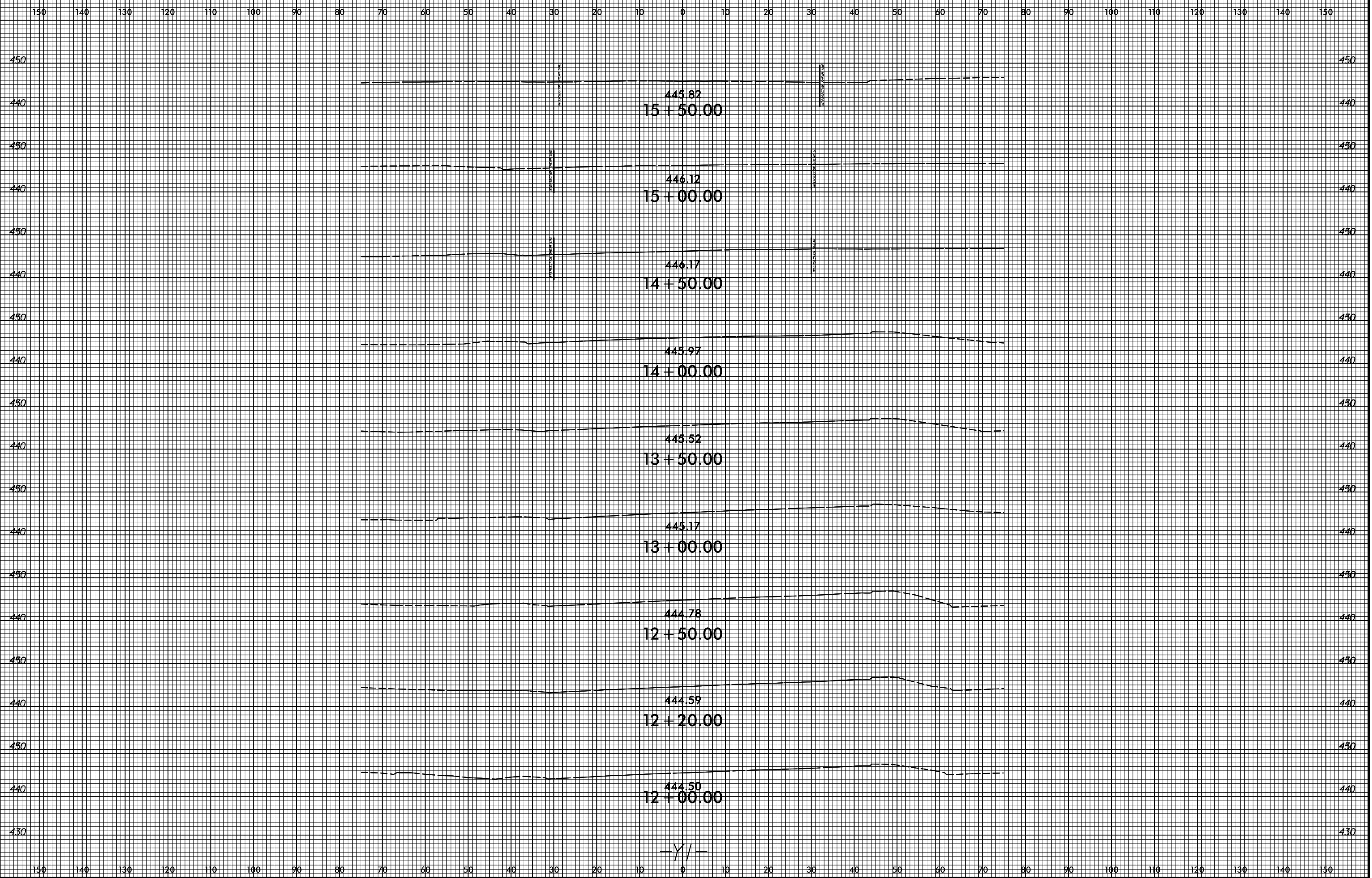
303+50.00

303+00.00

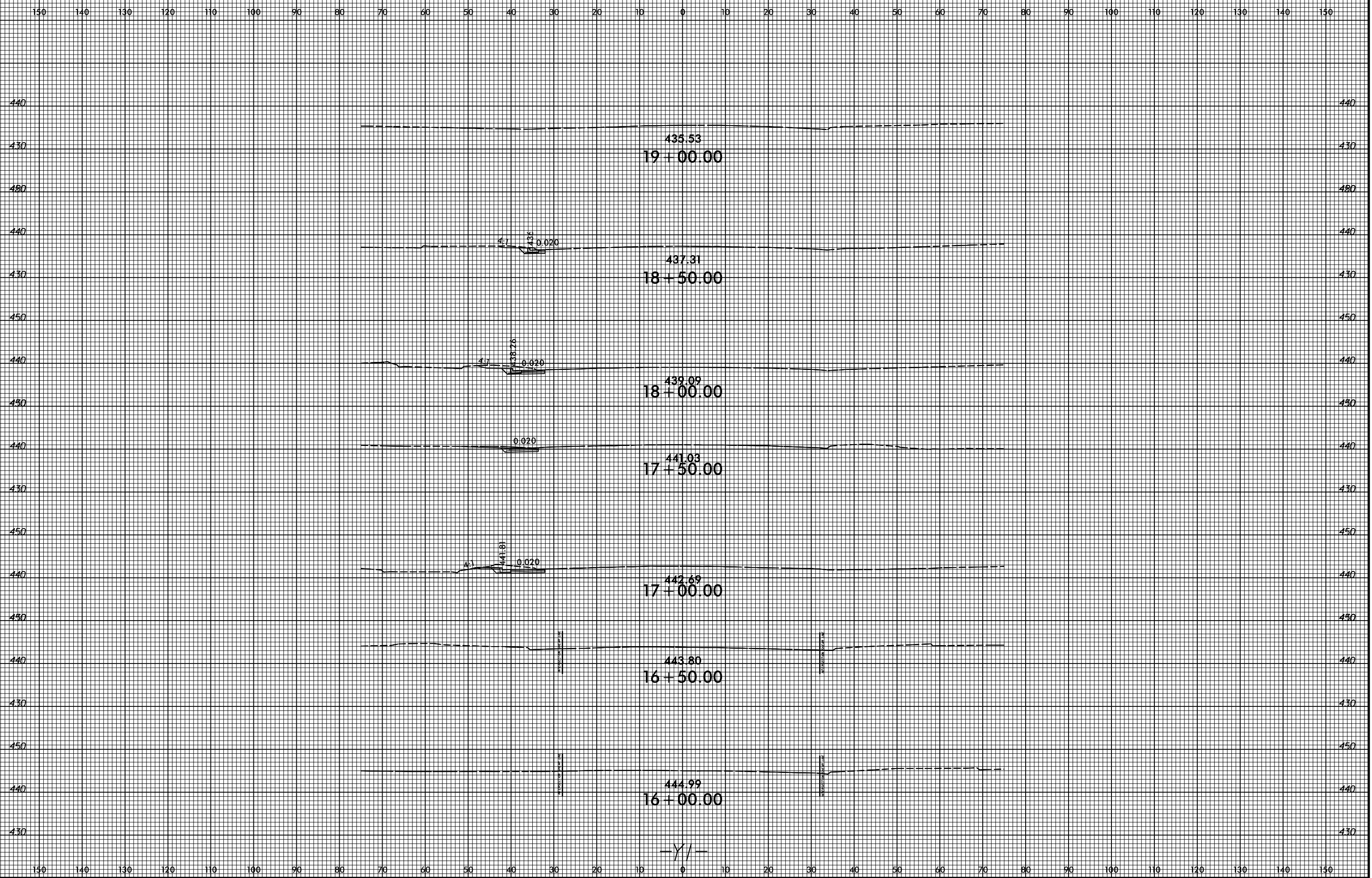
302+50.00

302+00.00

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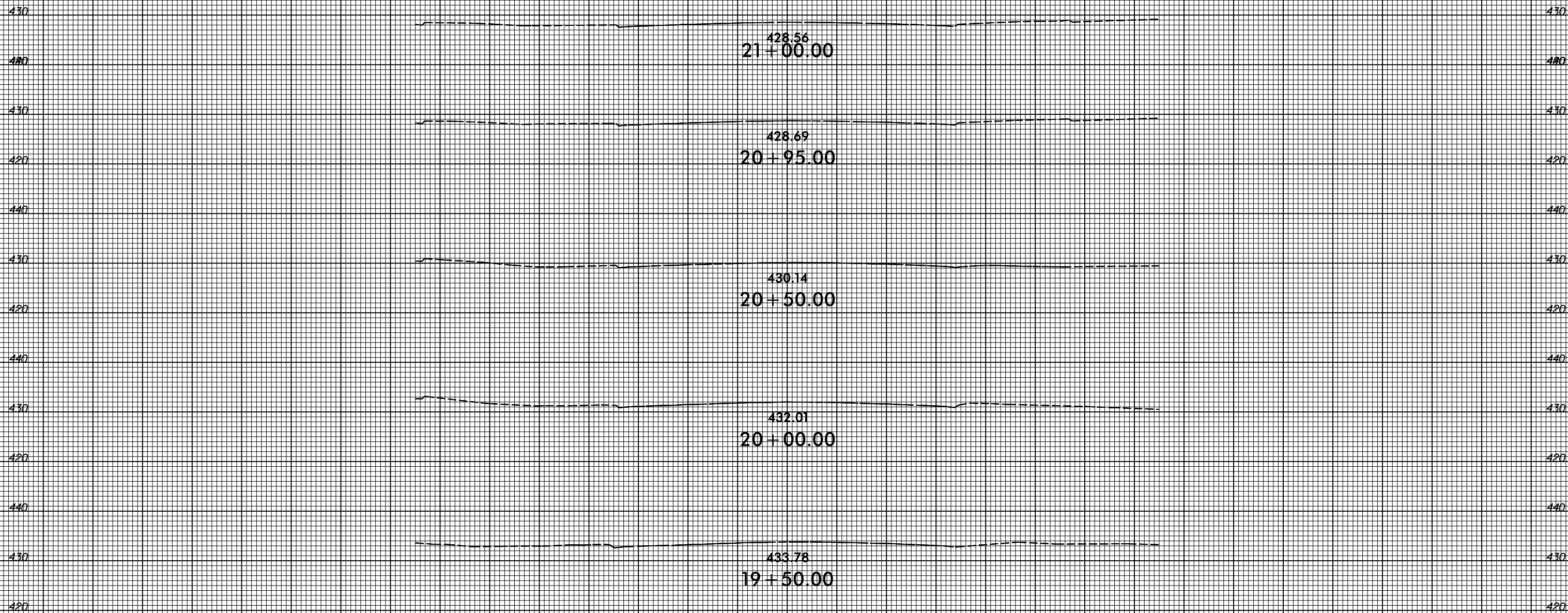


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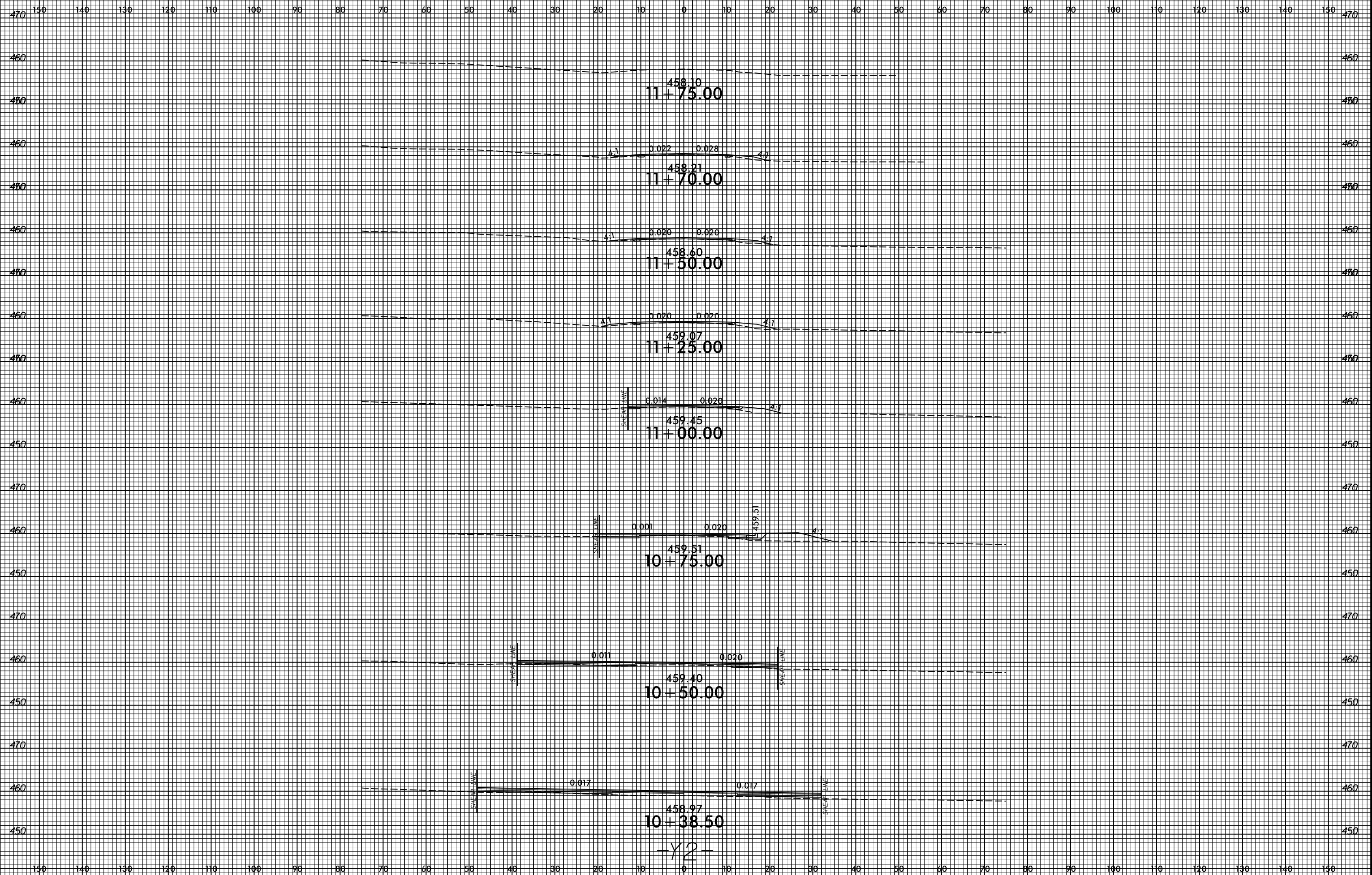


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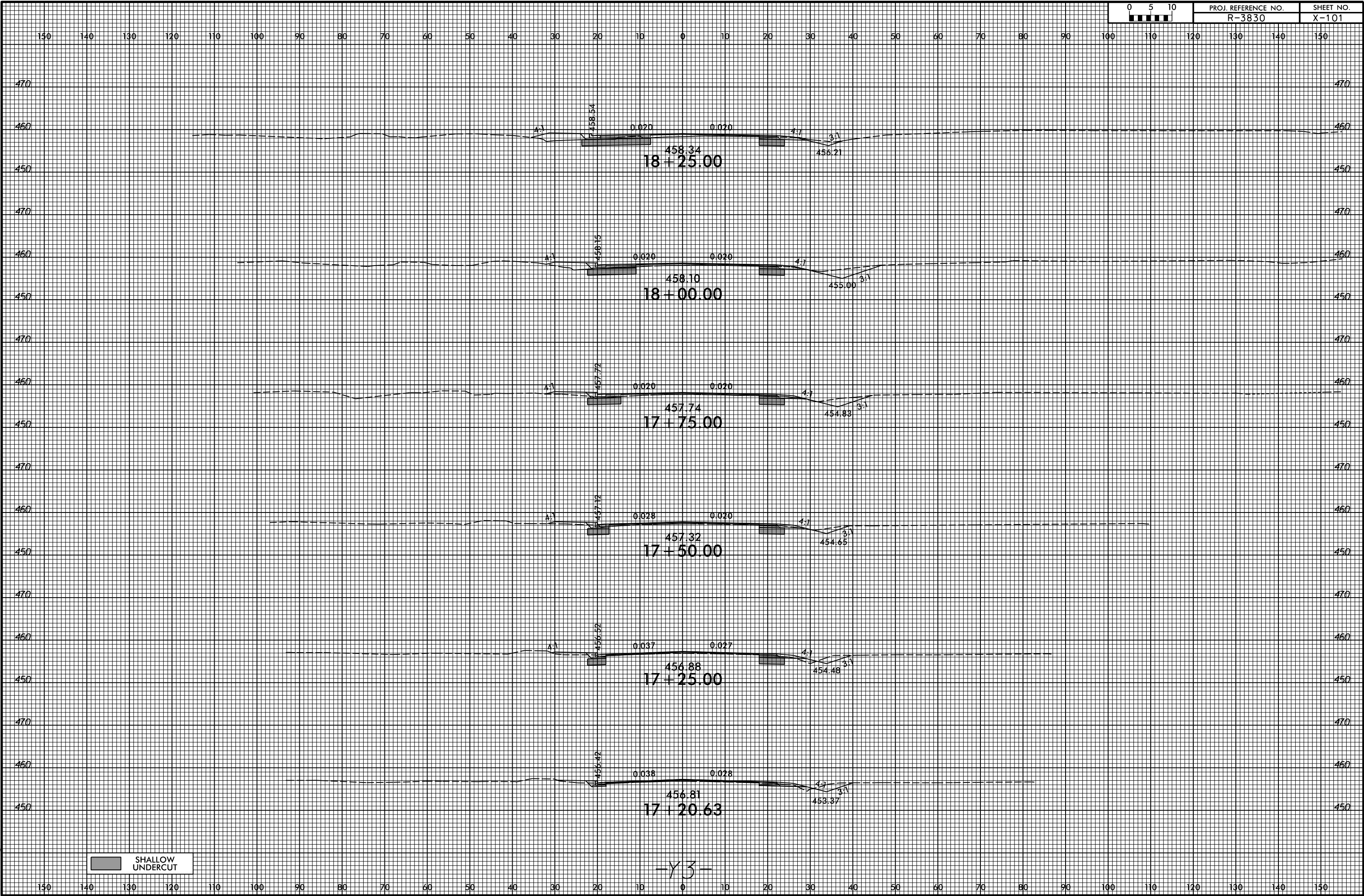
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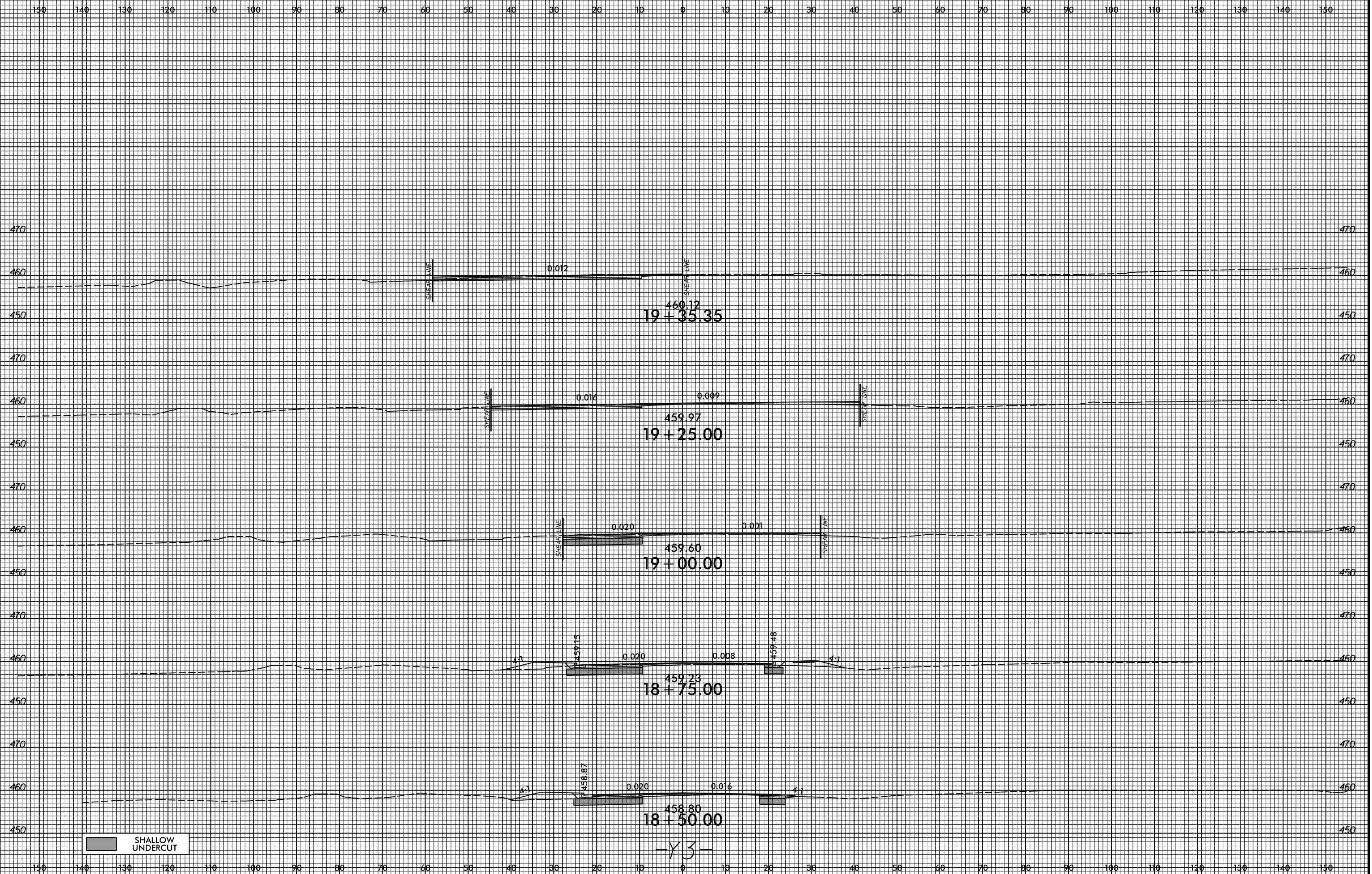


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4/8/2022
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 User:mjwerry

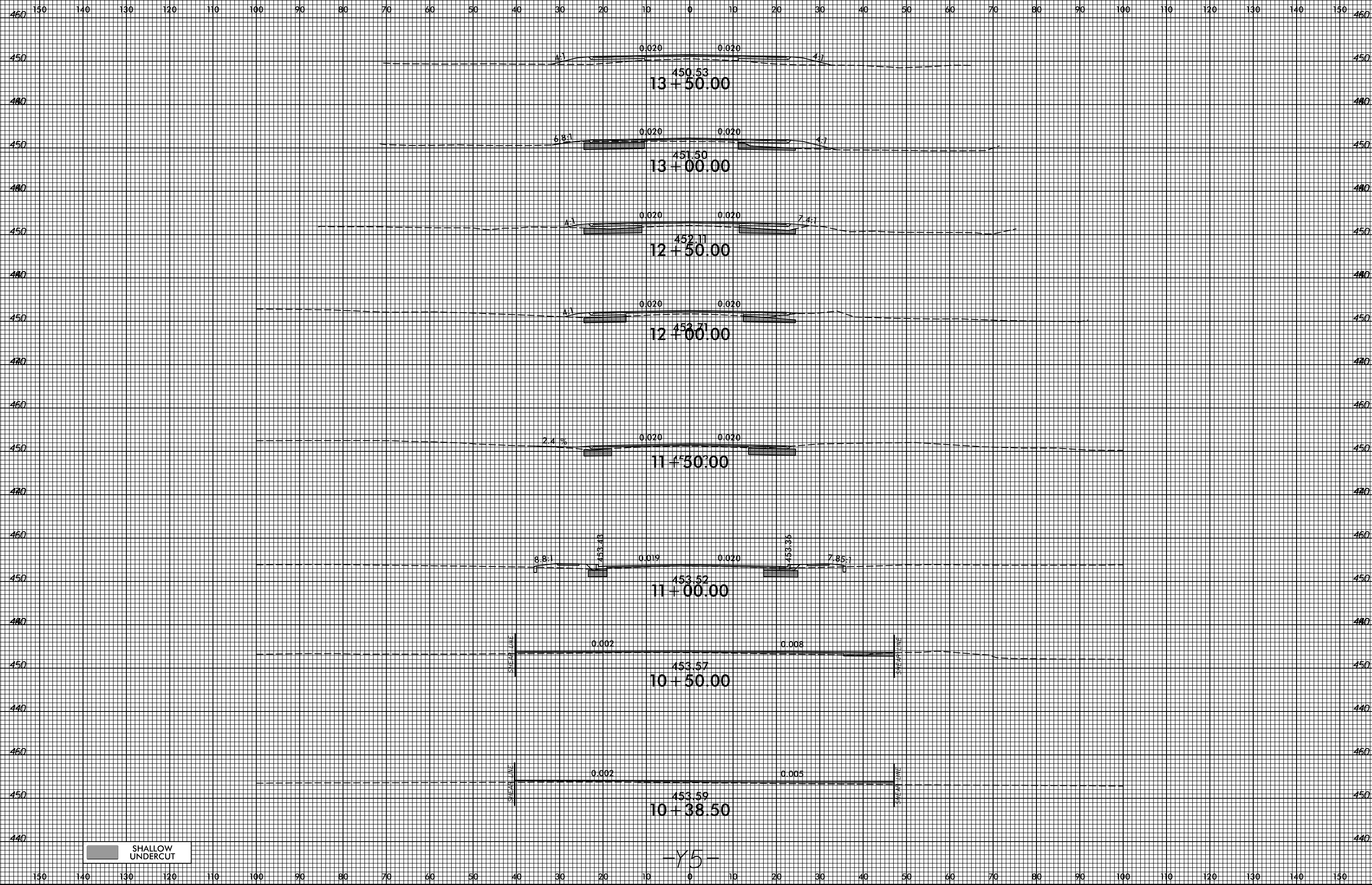




SHALLOW UNDERCUT

-Y3-

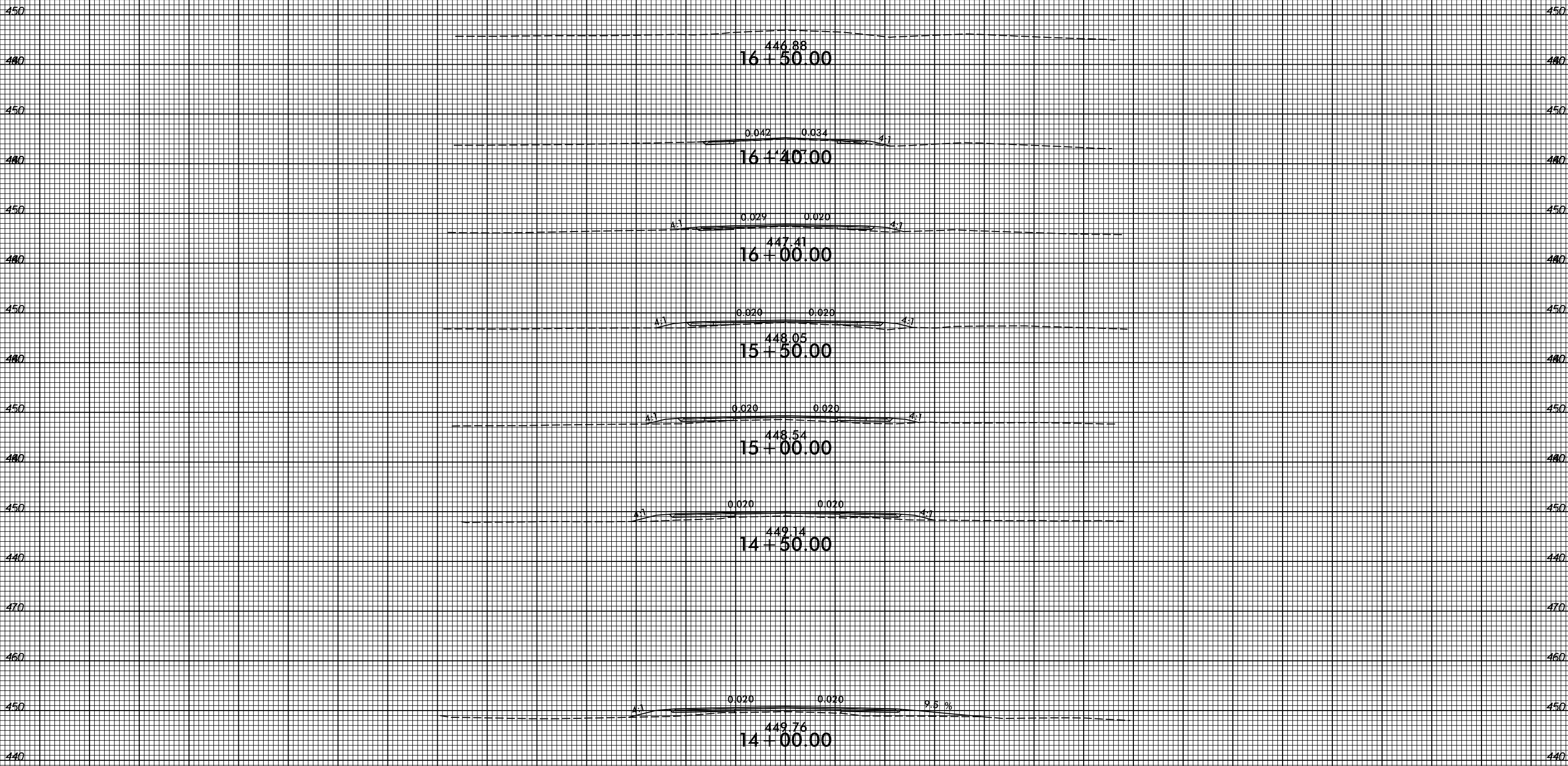
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User:mjweru



SHALLOW UNDERCUT

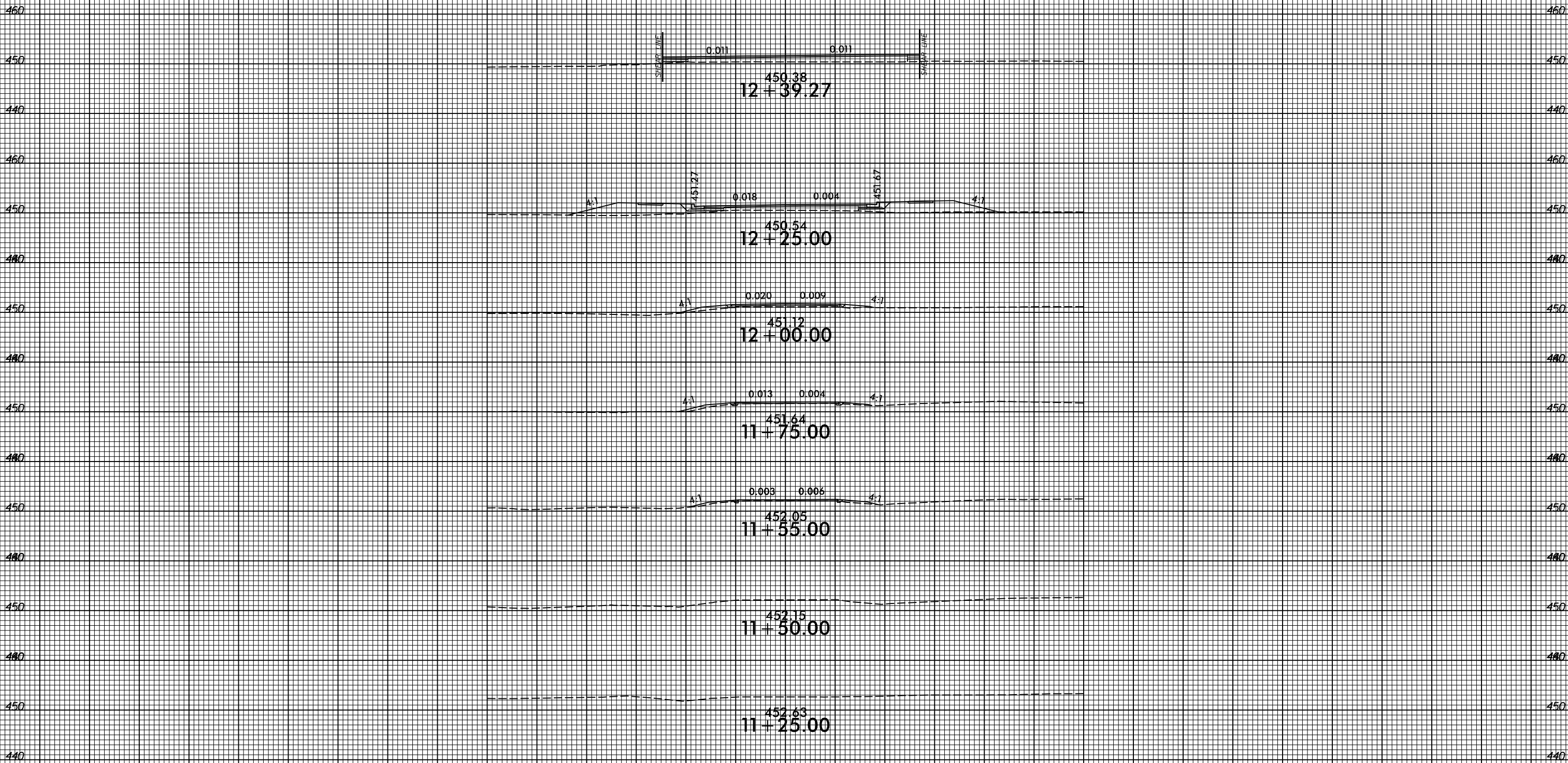
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-Y5-

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



-Y6-

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

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

460

460

450

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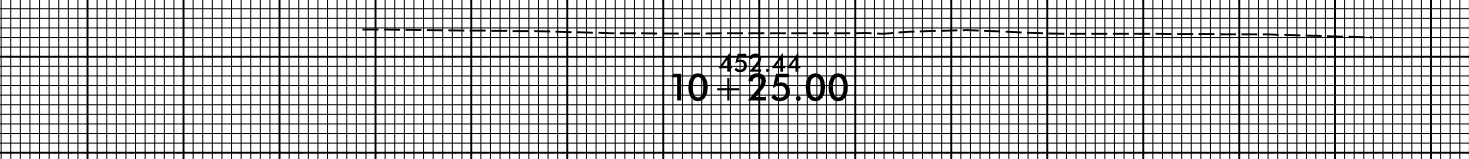
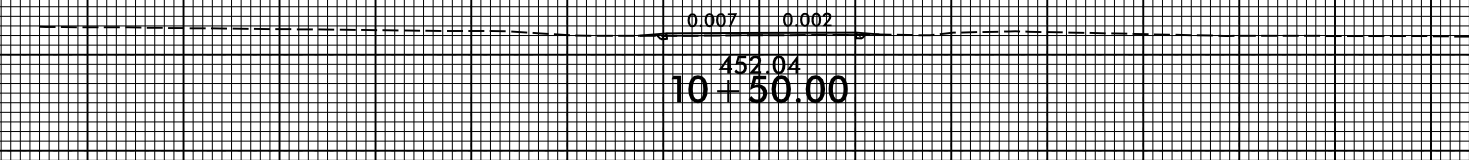
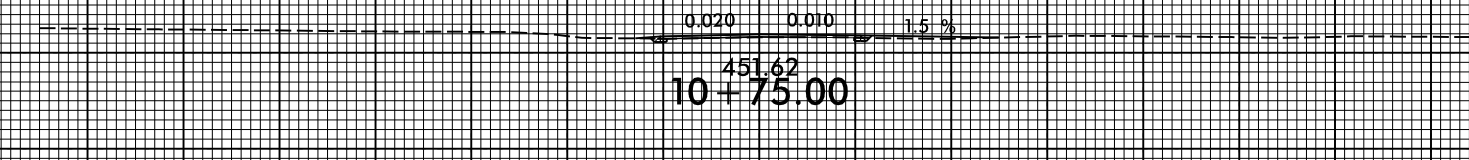
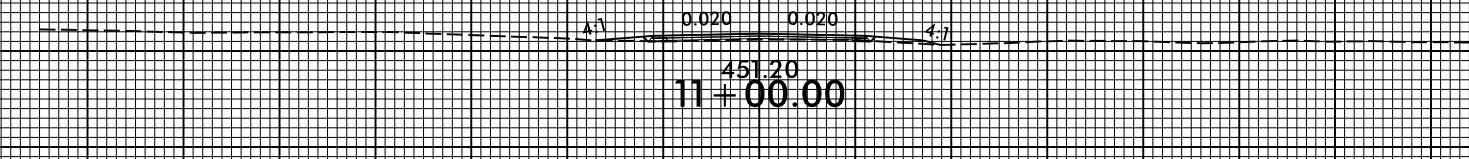
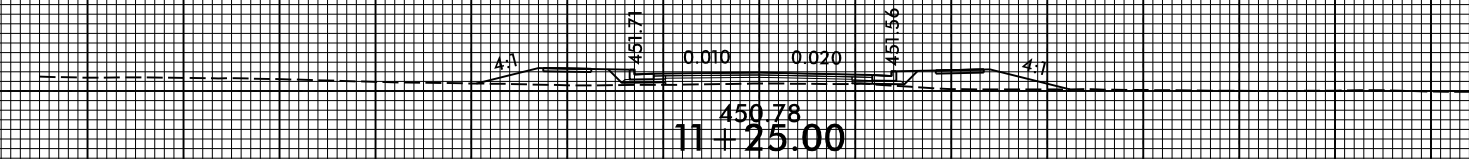
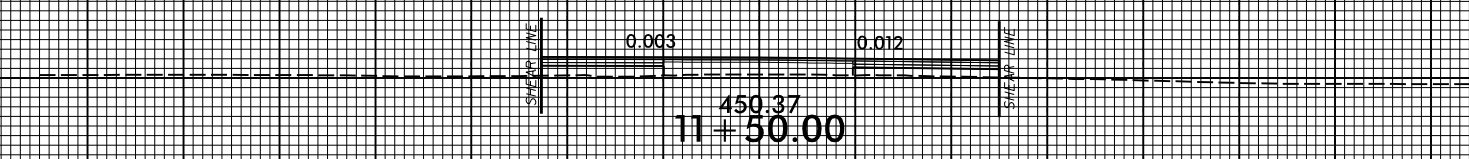
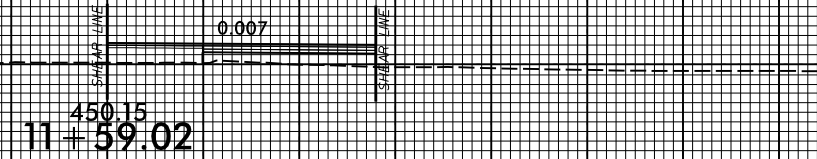
450

450

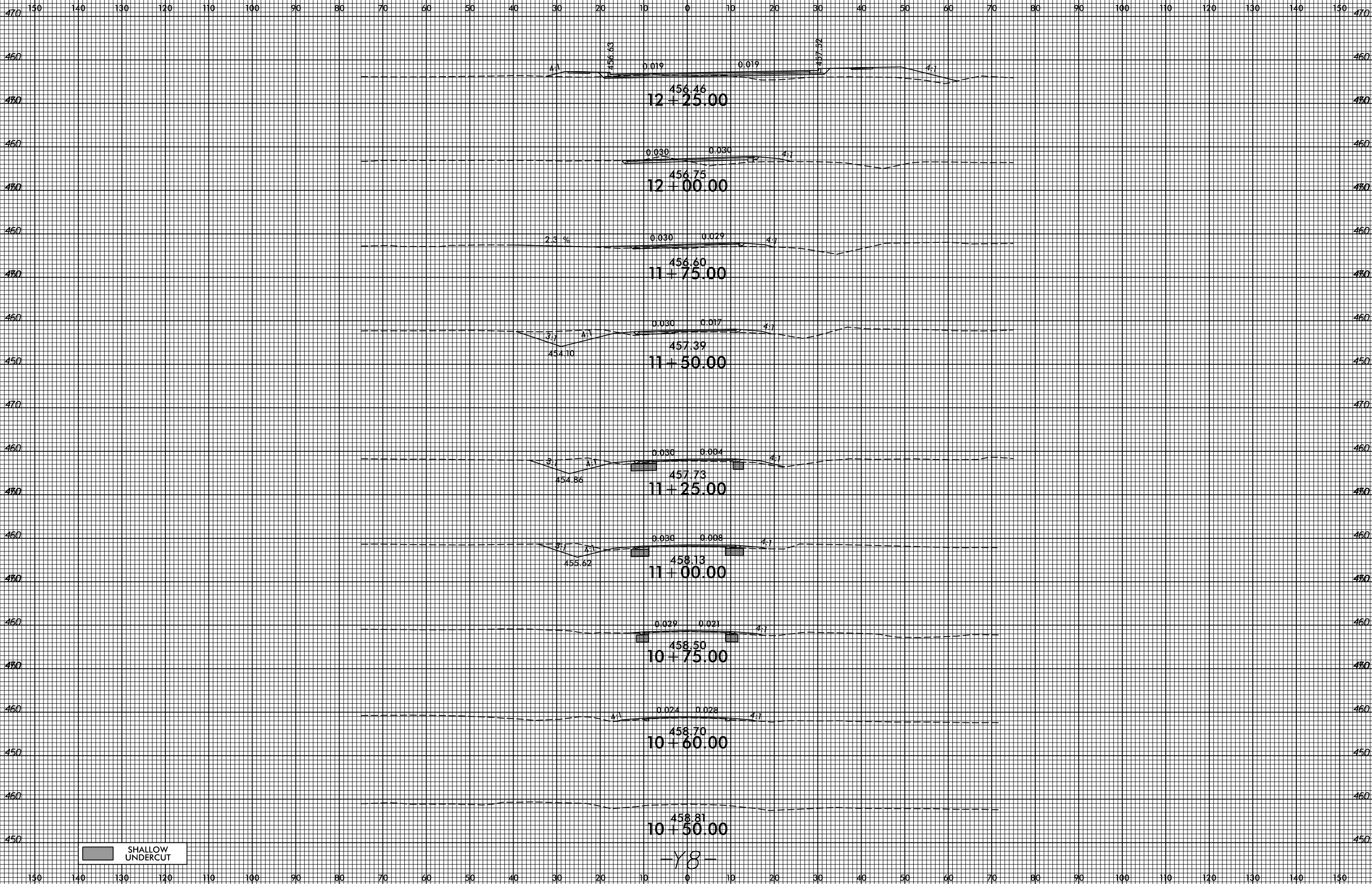
440

440

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



-Y7-



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

470

470

460

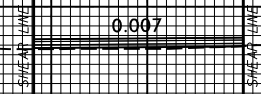
460

450

450

440

440

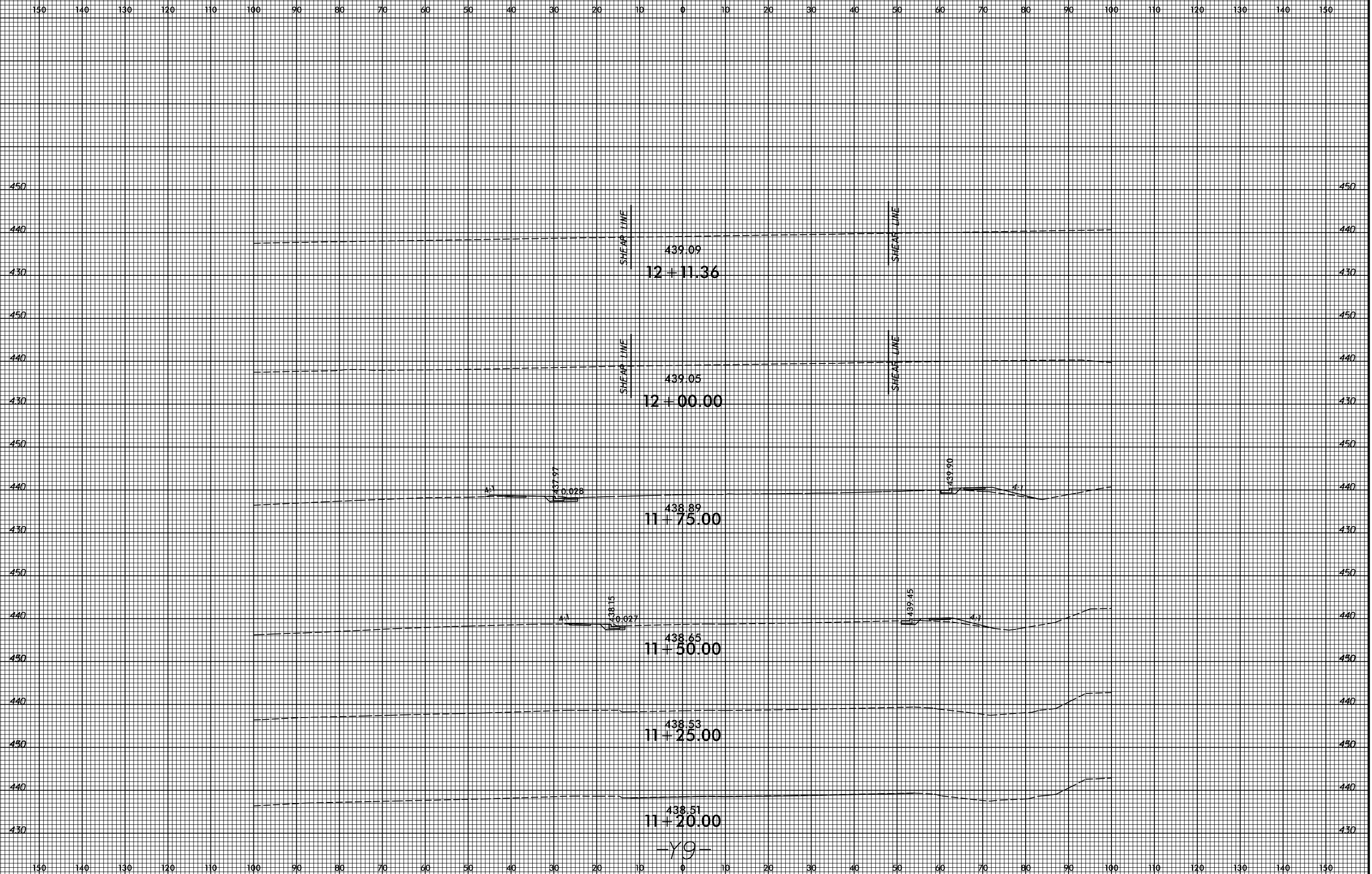


0.007

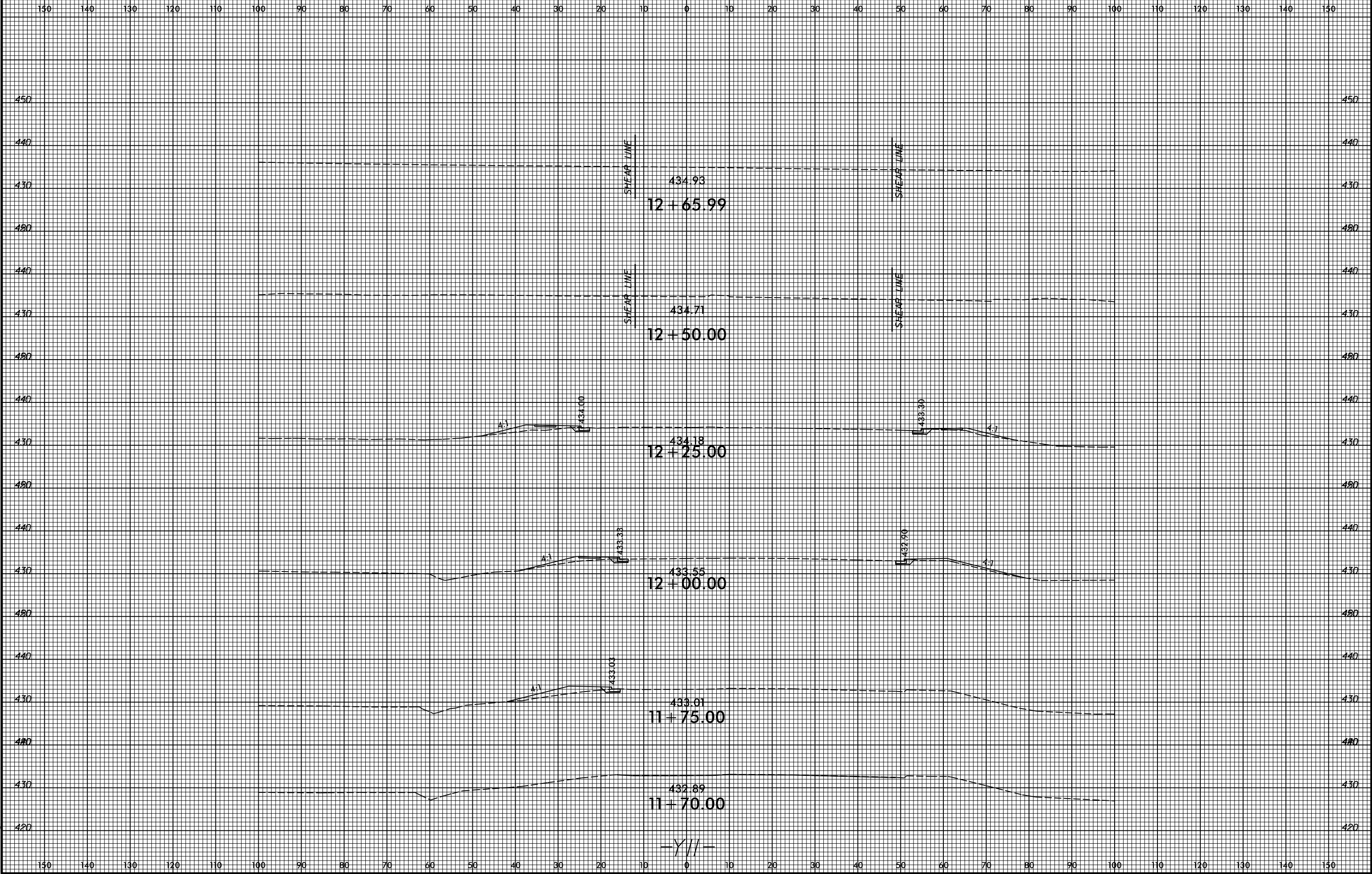
455.21
12+47.65

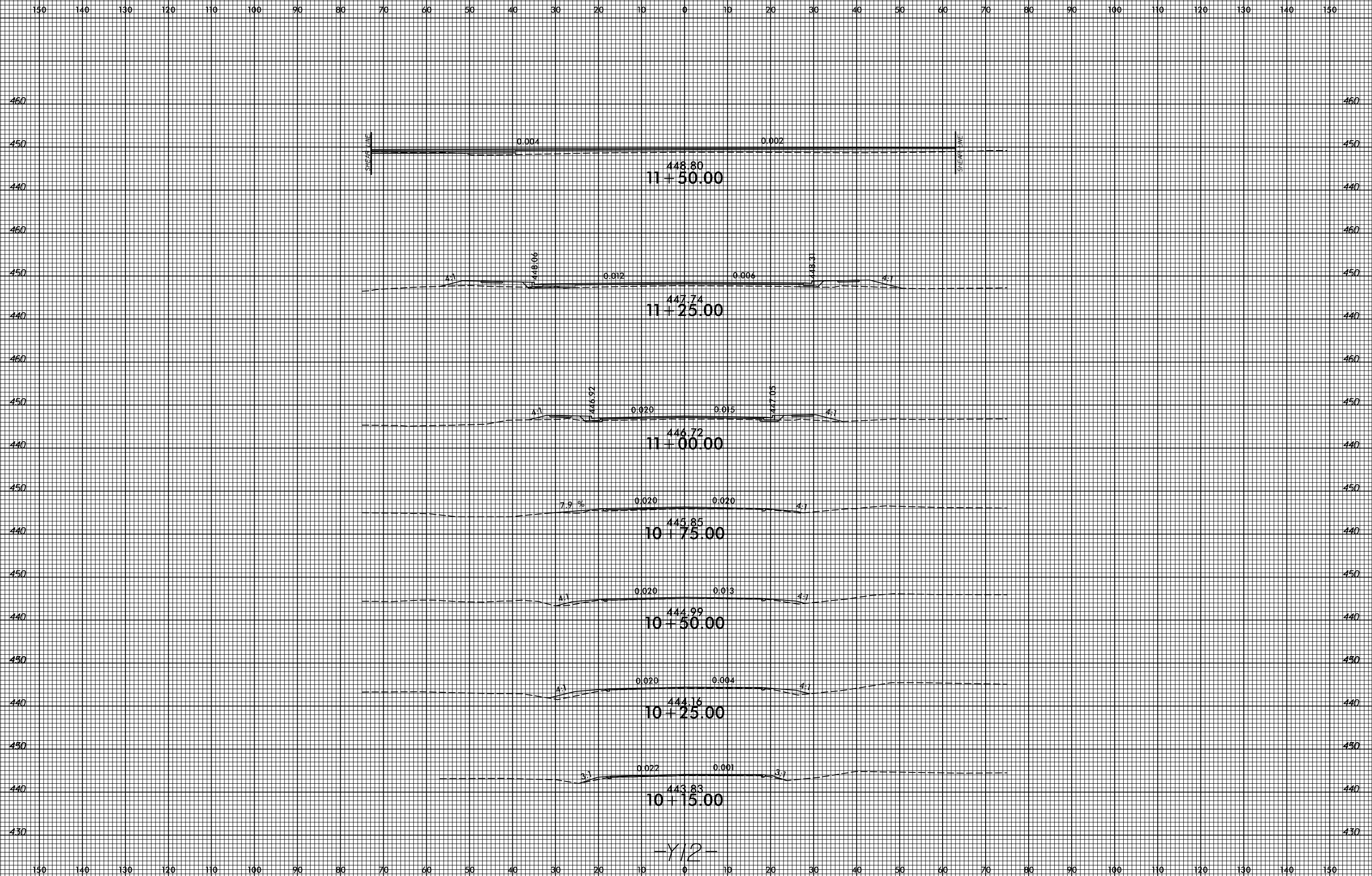
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4/8/2022
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User:mjwerner





4/8/2022
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User:mjw

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

460
450
440

460
450
440

STRAKE LINE

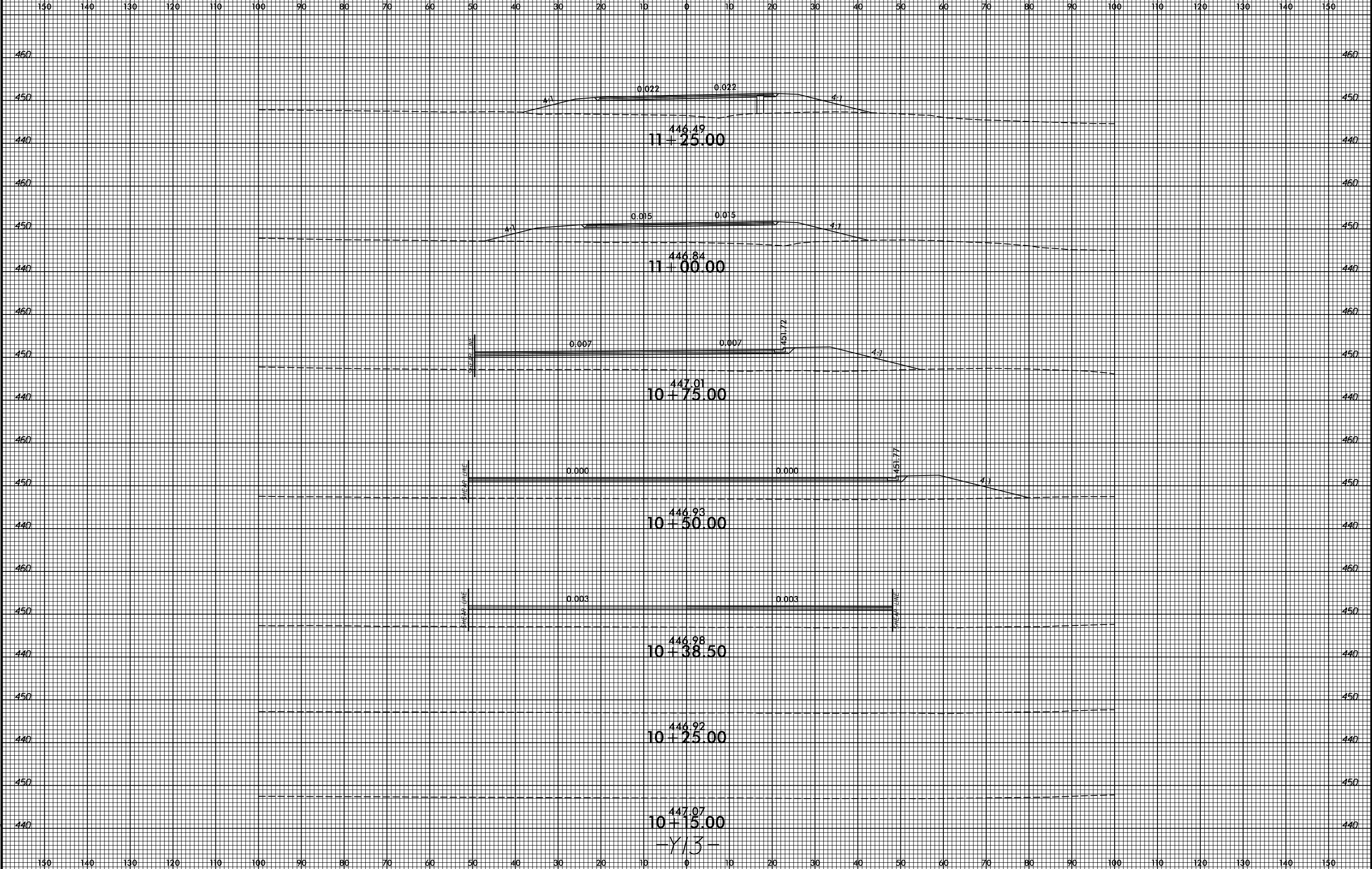
0.003

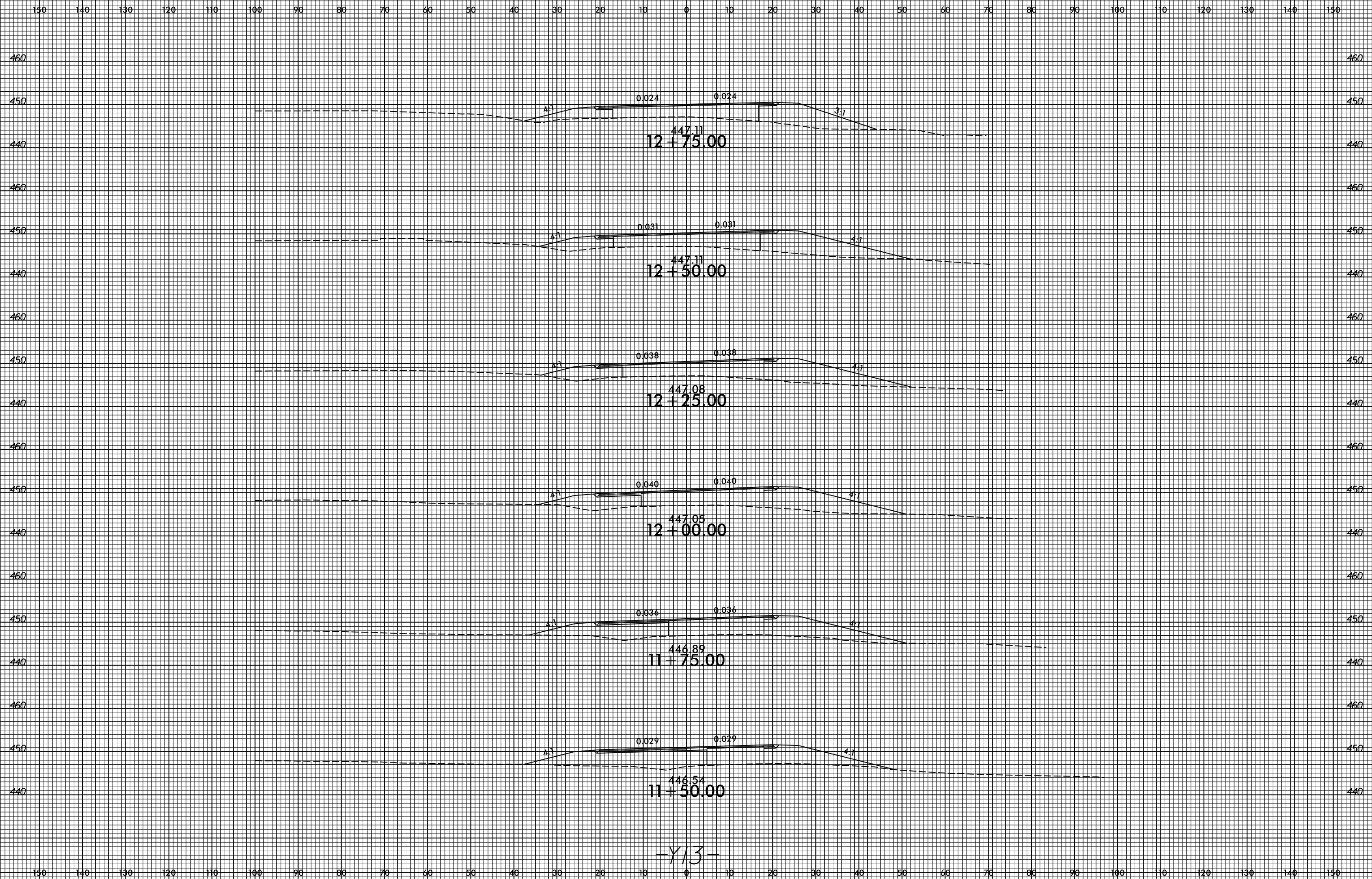
STRAKE LINE

448.83
11+52.98

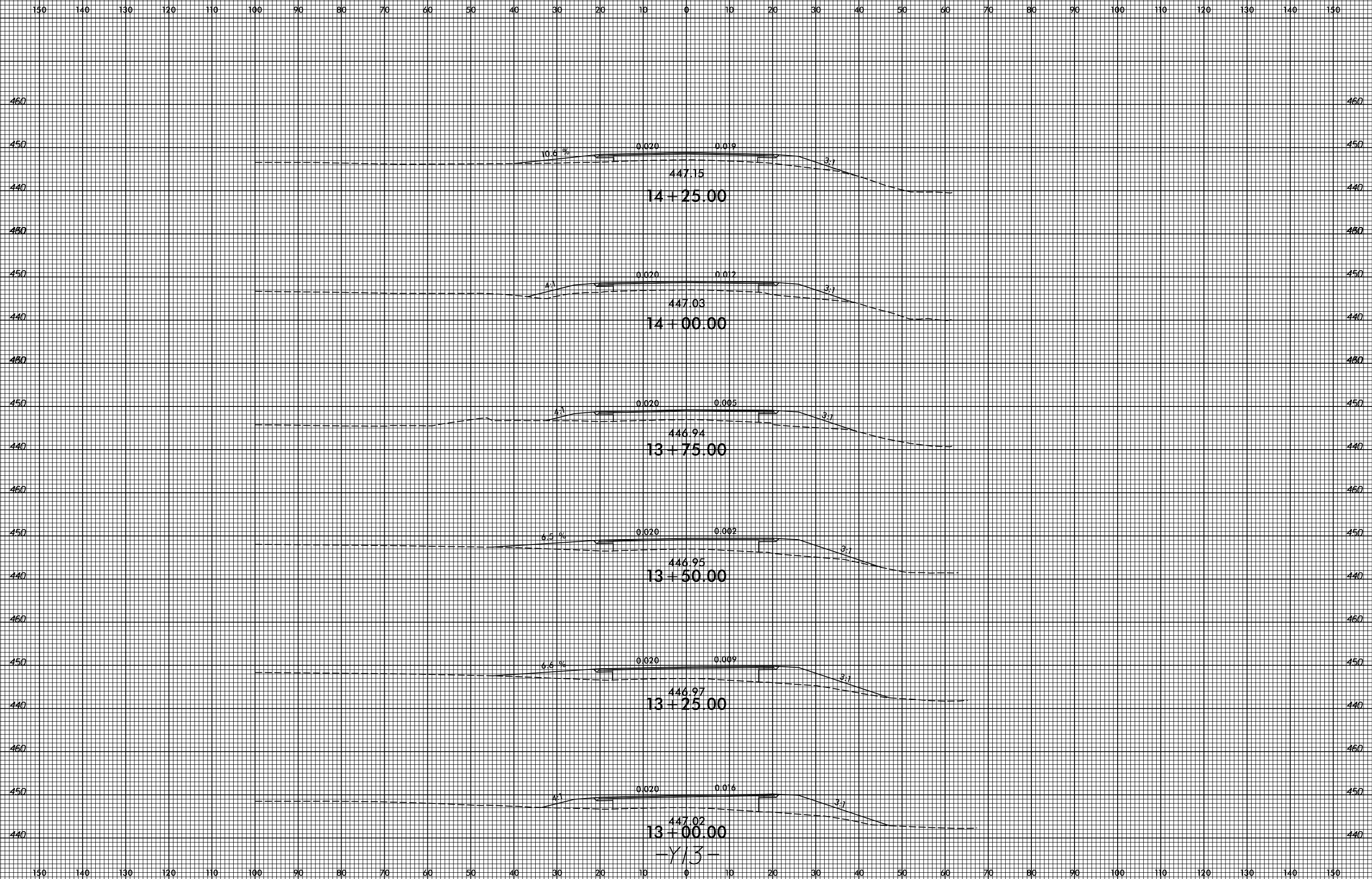
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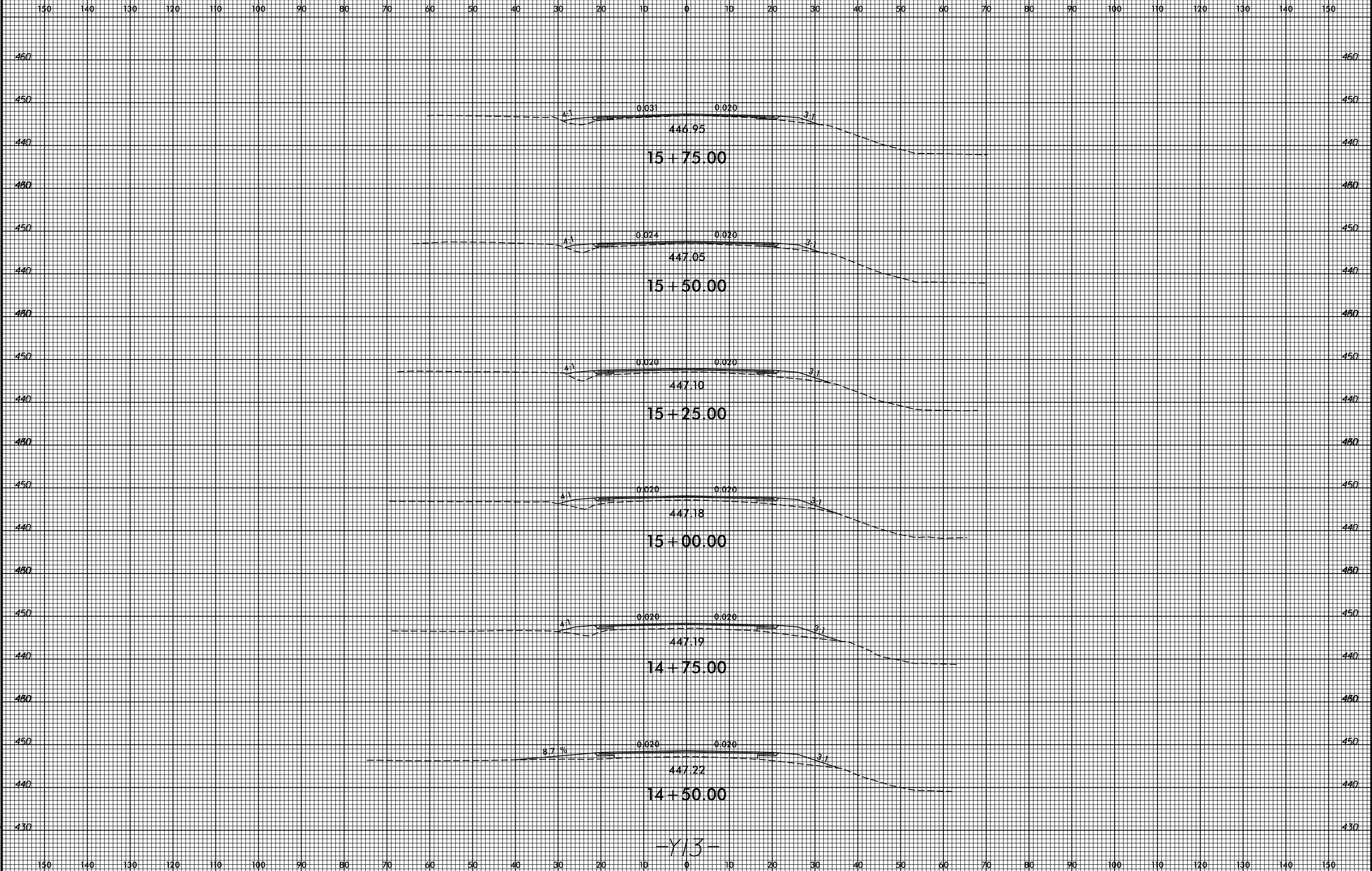




-Y13-



447.02
 13+00.00
 -Y13-



-Y13-

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

450

450

440

440

430

430

450

450

440

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460

460

450

450

440

440

430

430

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

446.25
16+50.00

446.56
16+25.00

446.76
16+00.00

-Y13-

3:1

0.045

0.022

3:1

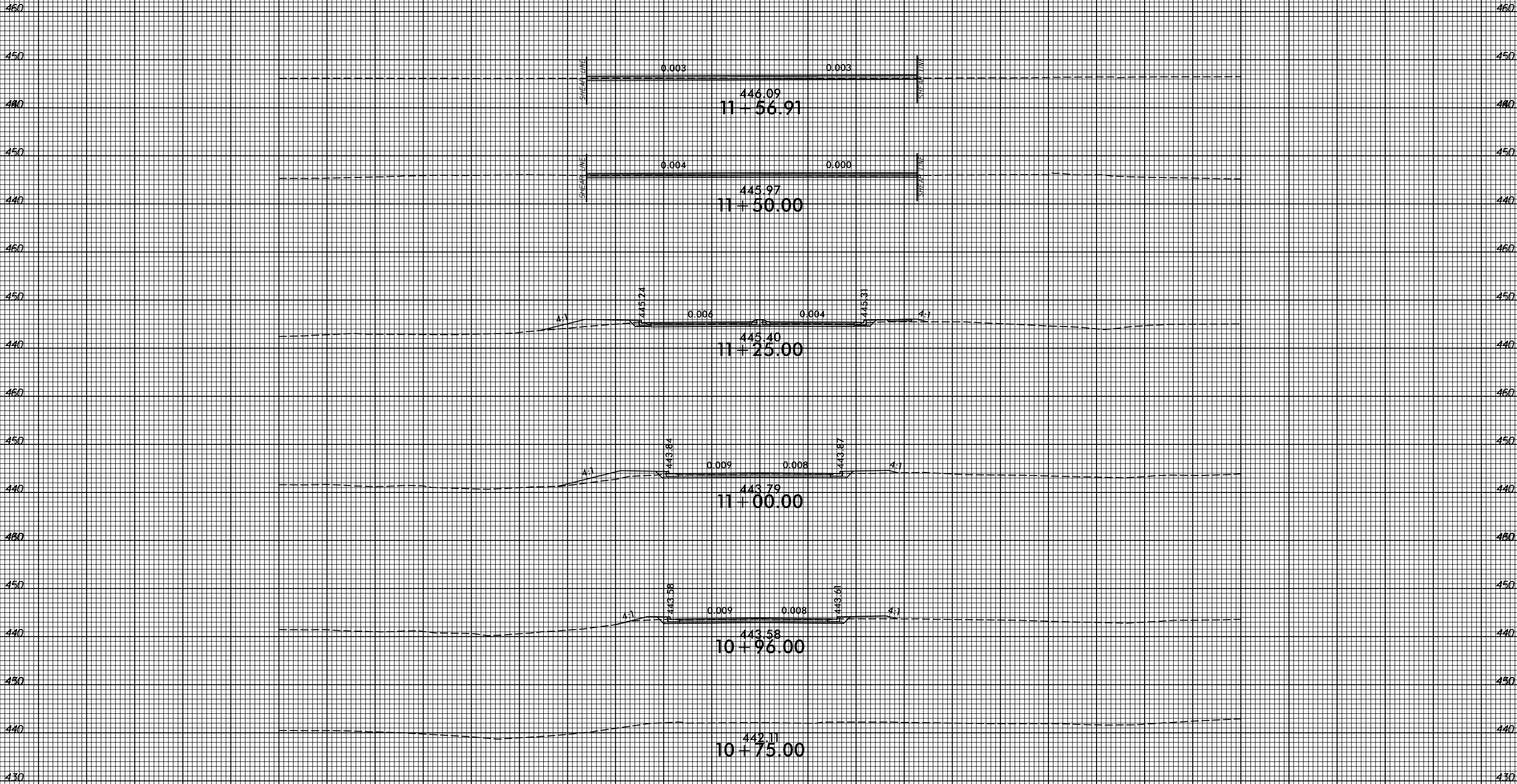
4:1

0.038

0.020

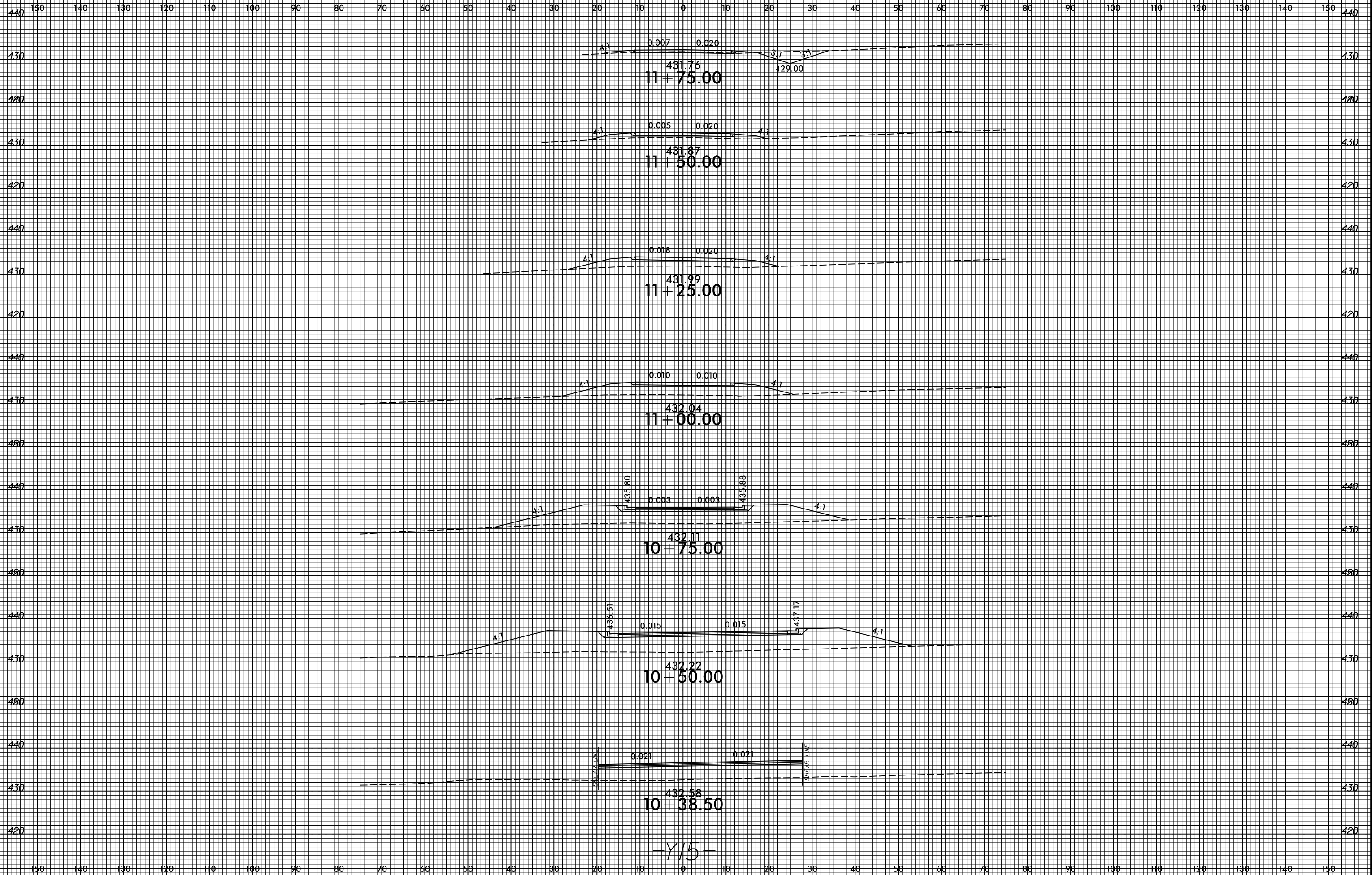
3:1

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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

-Y14-





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

440
430
420

440
430
420

431.57
12+25.00

0.014 0.028

431.60
12+15.00

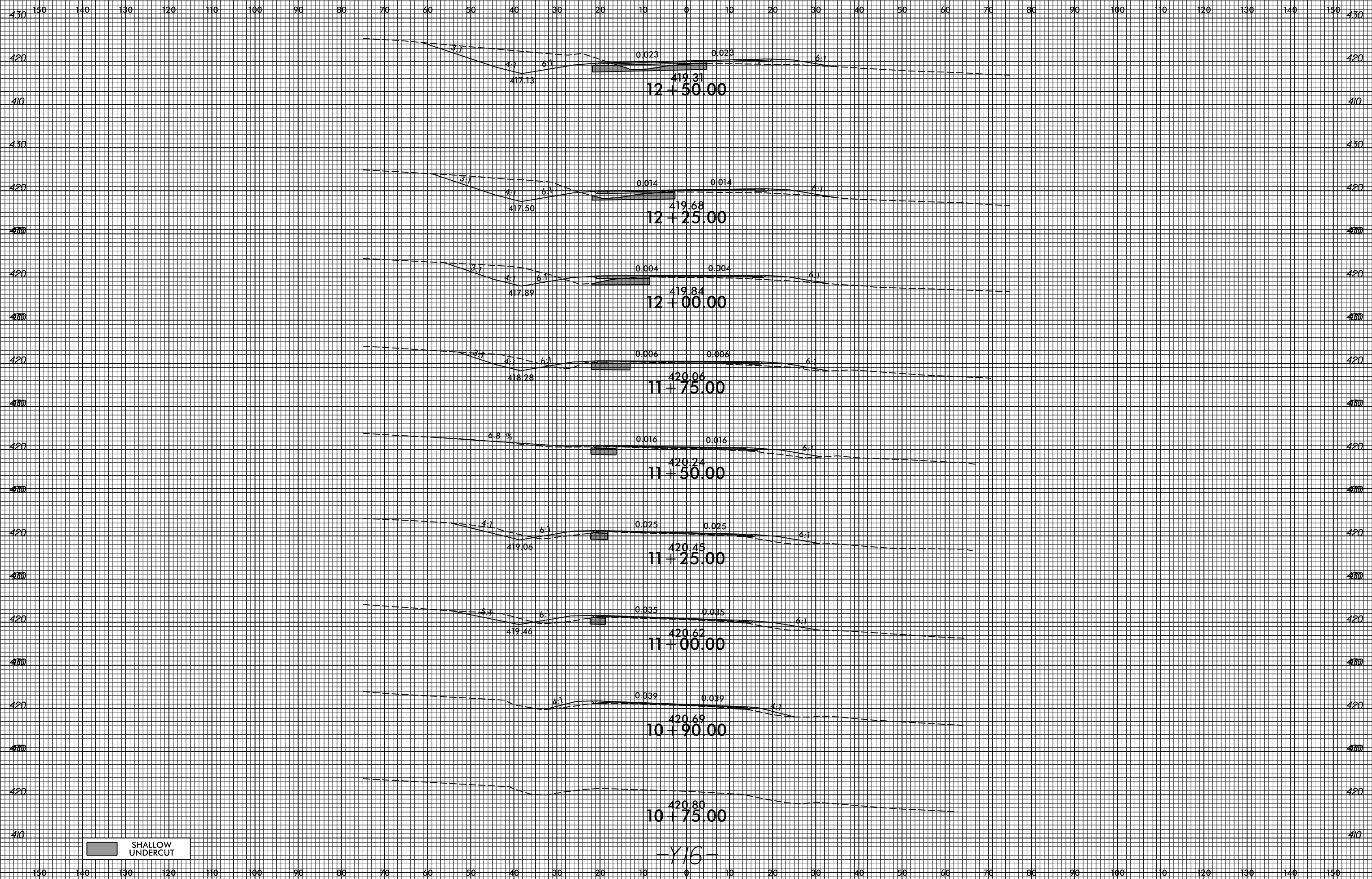
0.020 0.021

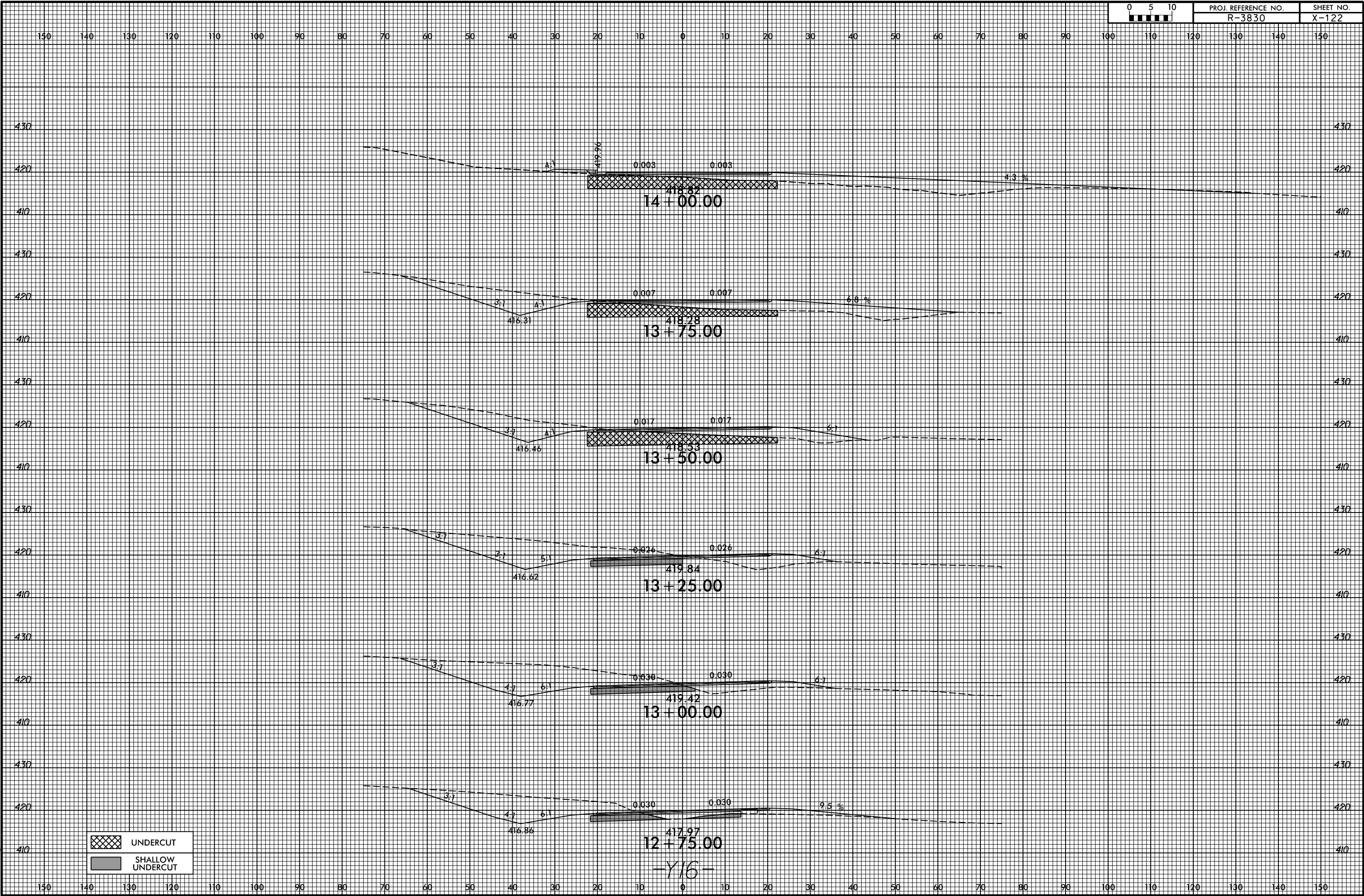
431.65
12+00.00

4+3' 429.96

-Y15-

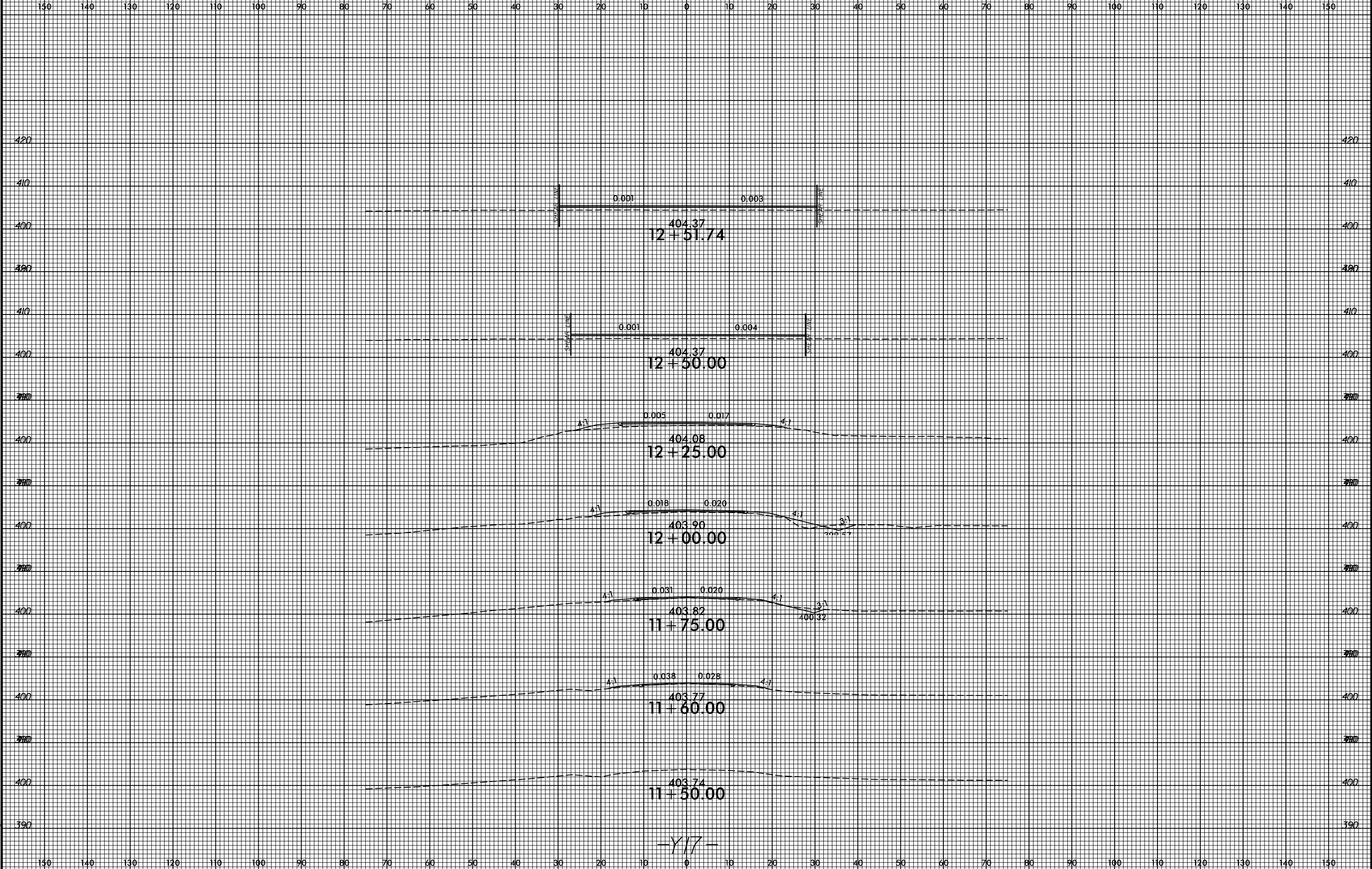
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UNDERCUT
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-Y16-



-Y17-

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

470 470

460 460

450 450

460 460

450 450

460 460

450 450

460 460

450 450

460 460

450 450

470 470

460 460

450 450

470 470

460 460

450 450

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

463.24
11+25.00

462.72
11+10.00

462.31
11+00.00

461.29
10+75.00

460.35
10+50.00

459.65
10+25.00

459.55
10+21.00

-Y18-

3:1 4:1 0.032 0.006 6:1

3:1 4:1 0.030 0.001 4:1 3:1

3:1 4:1 0.015 0.010 4:1 3:1

3:1 4:1 0.002 0.002 4:1 3:1

0.019 0.019

0.021 0.021

SEWER LINE

SEWER LINE

SEWER LINE

SEWER LINE

460.55

459.81

459.47

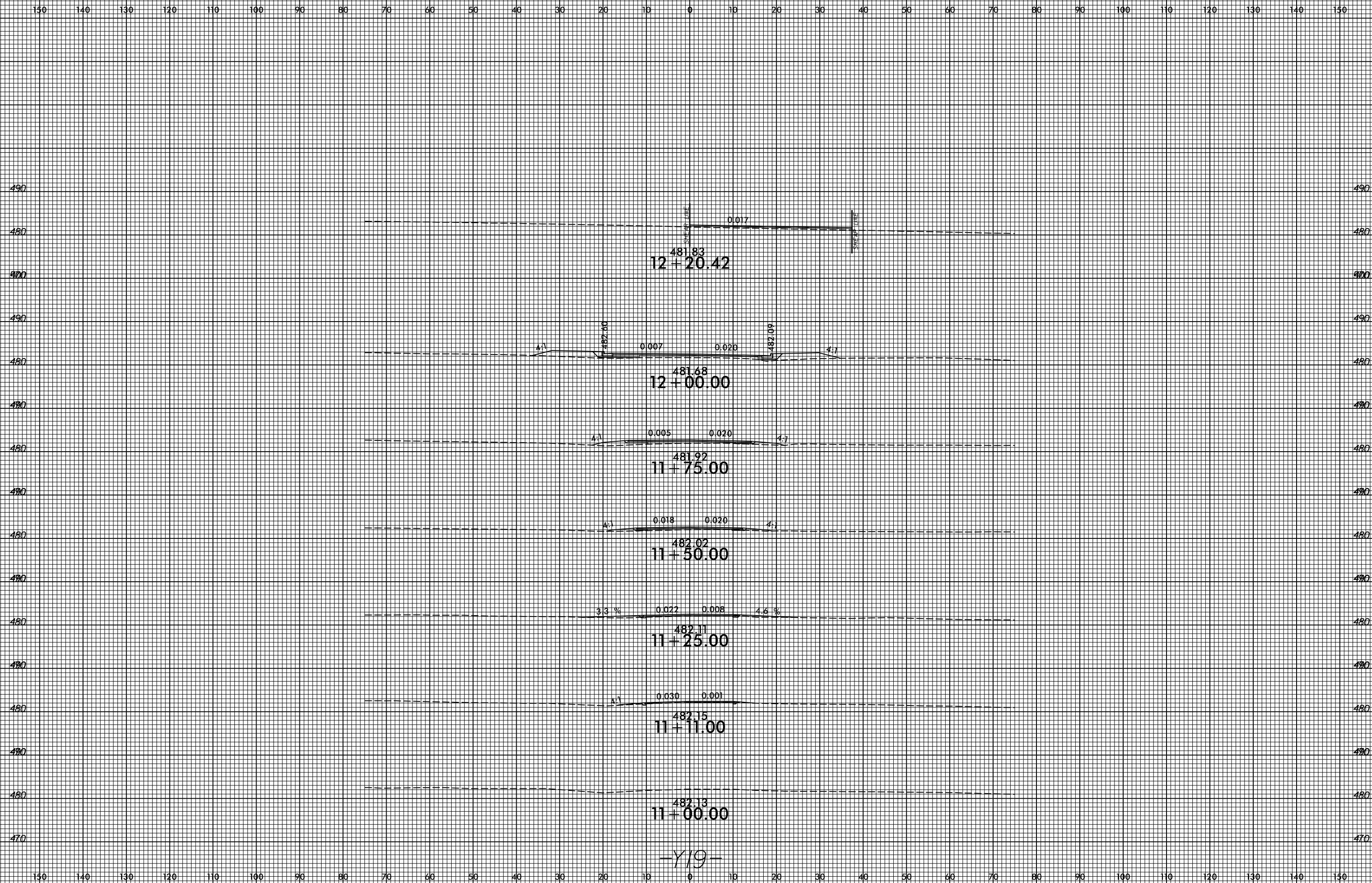
459.12

460.47

458.25

459.55

459.55



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

490 490

480 480

490 490

480 480

490 490

480 480

490 490

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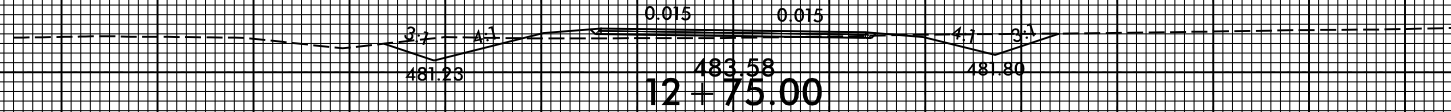
490 490

480 480

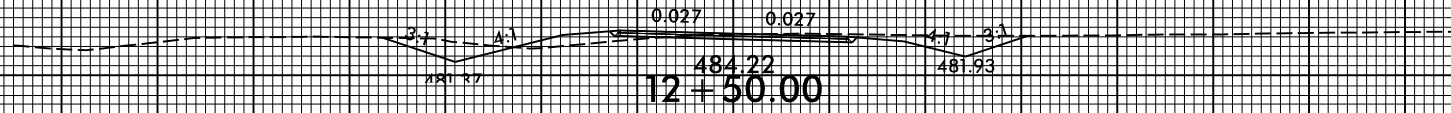
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490 490

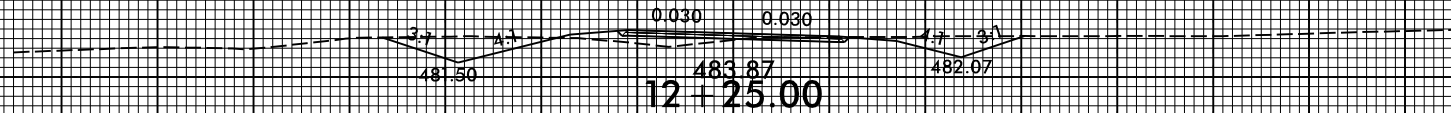
480 480



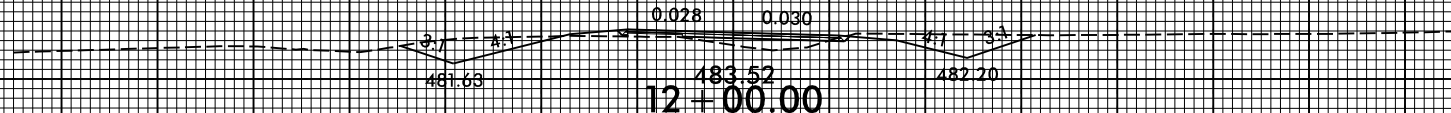
483.58
12+75.00



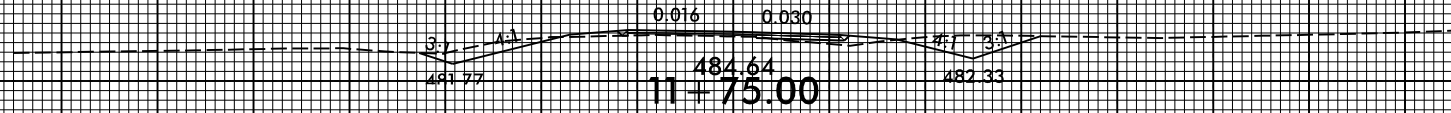
484.22
12+50.00



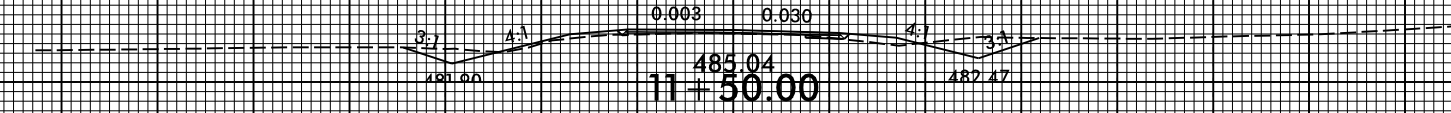
483.87
12+25.00



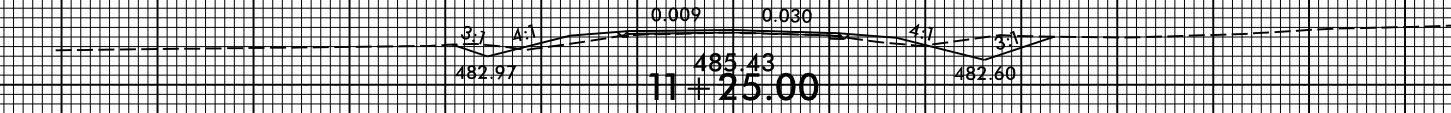
483.52
12+00.00



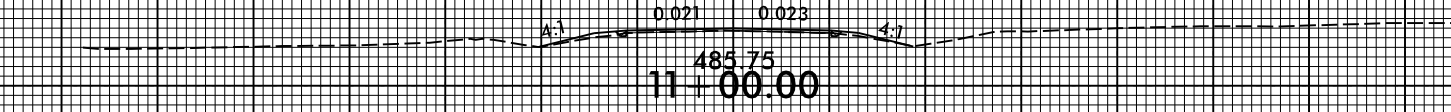
484.64
11+75.00



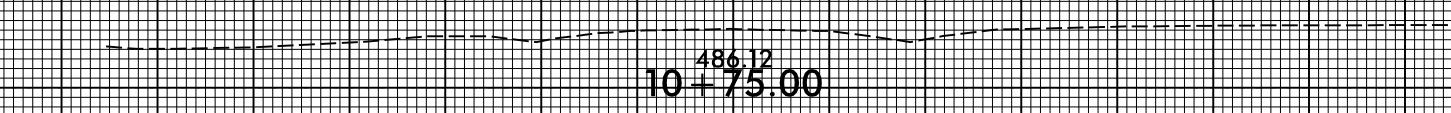
485.04
11+50.00



485.43
11+25.00



485.75
11+00.00



486.12
10+75.00

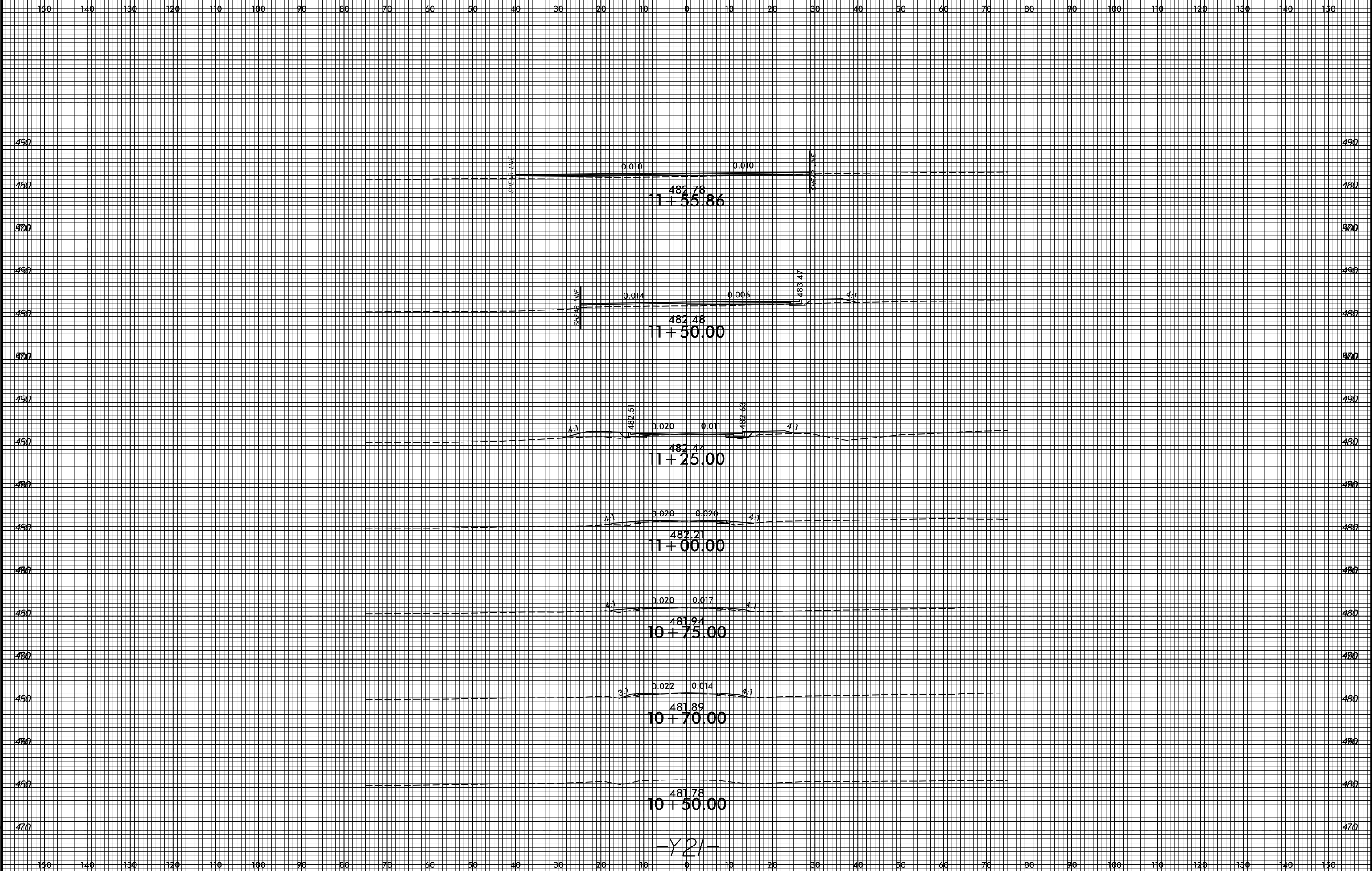
-Y20-

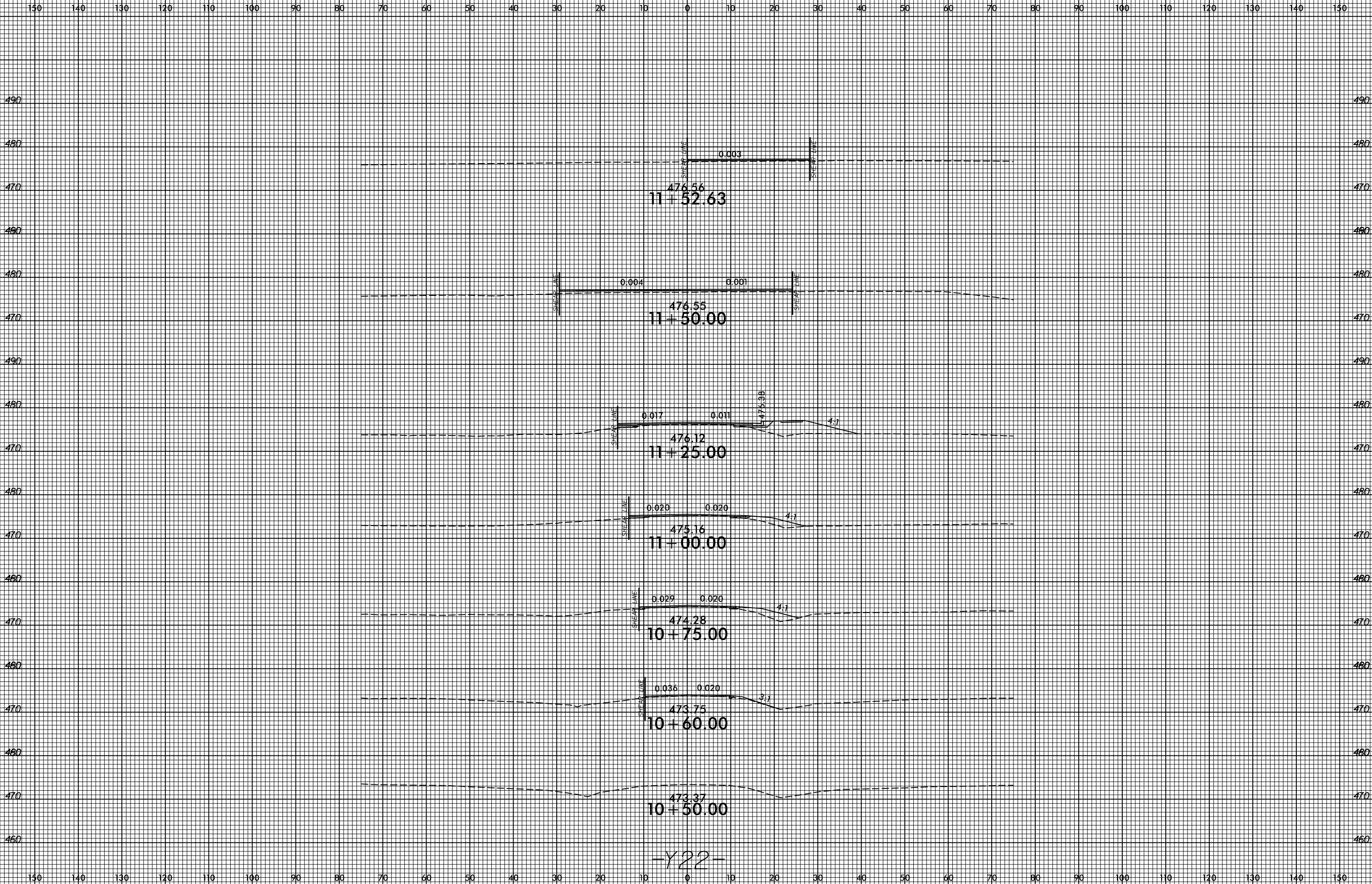
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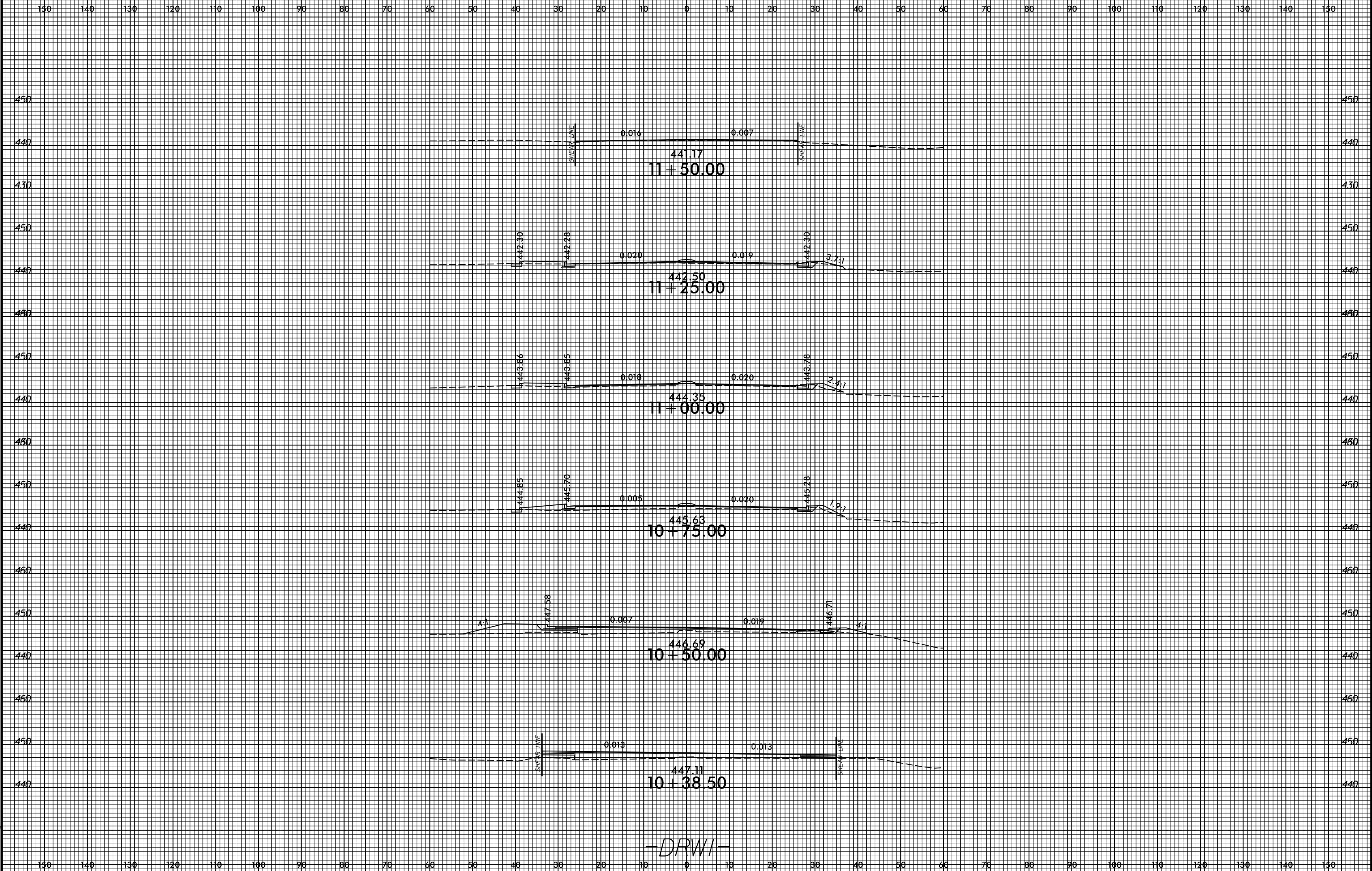


-Y20-

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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User:mjw



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

450

450

440

440

430

430

SPHERE LINE

SPHERE LINE

0.015

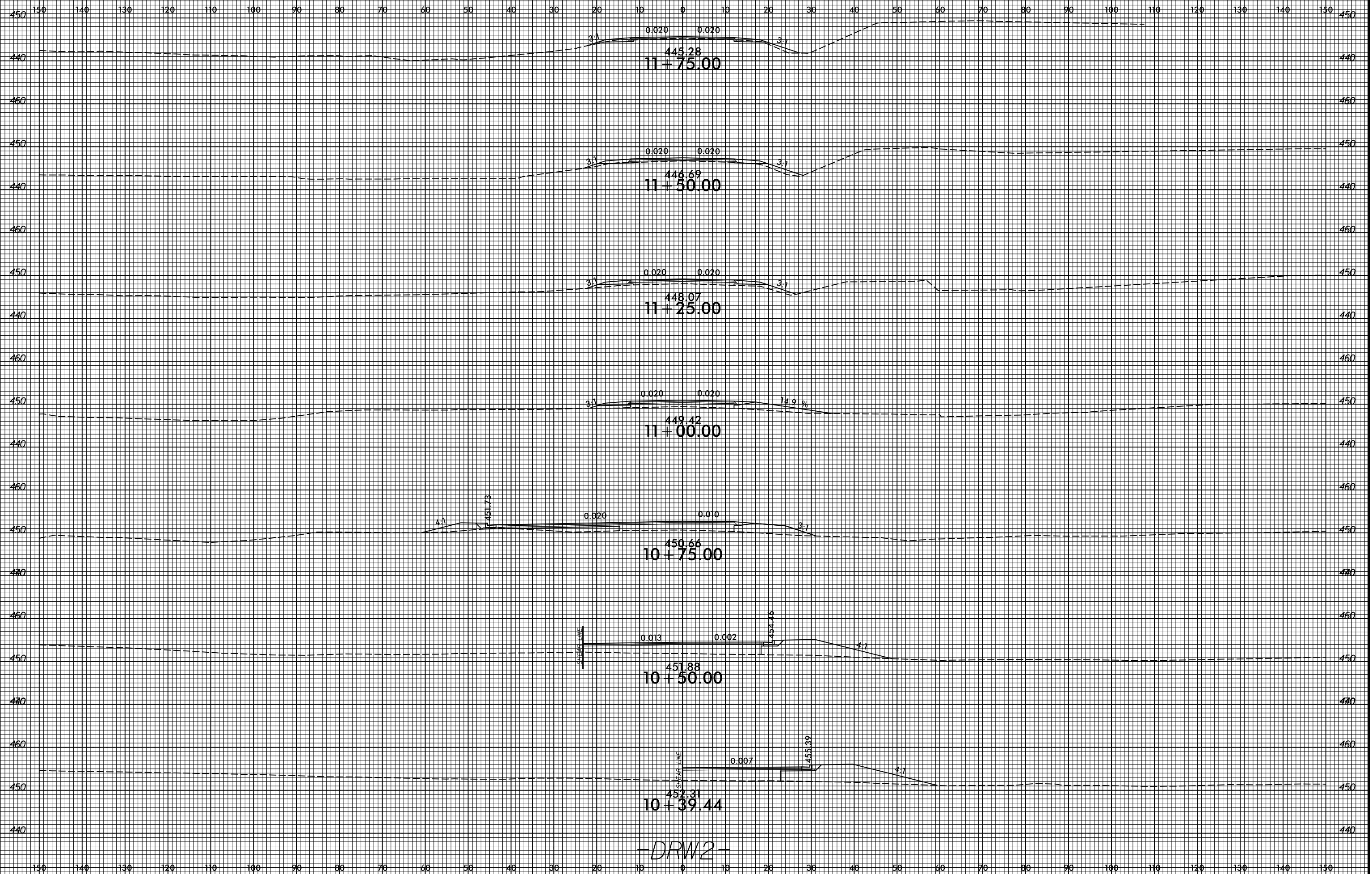
0.006

441.08

11+51.52

-DRWI-

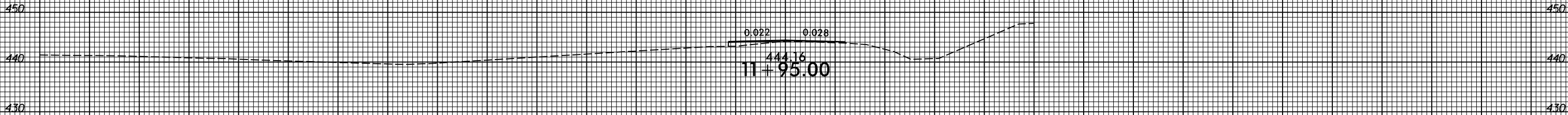
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-DRW2-

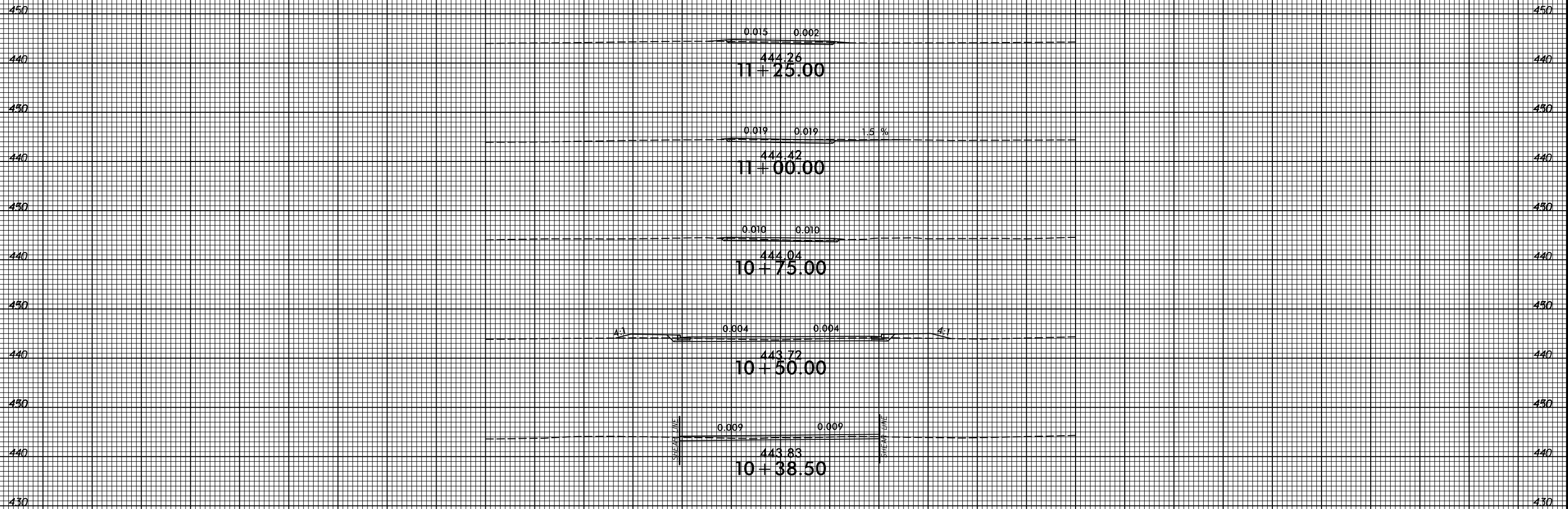


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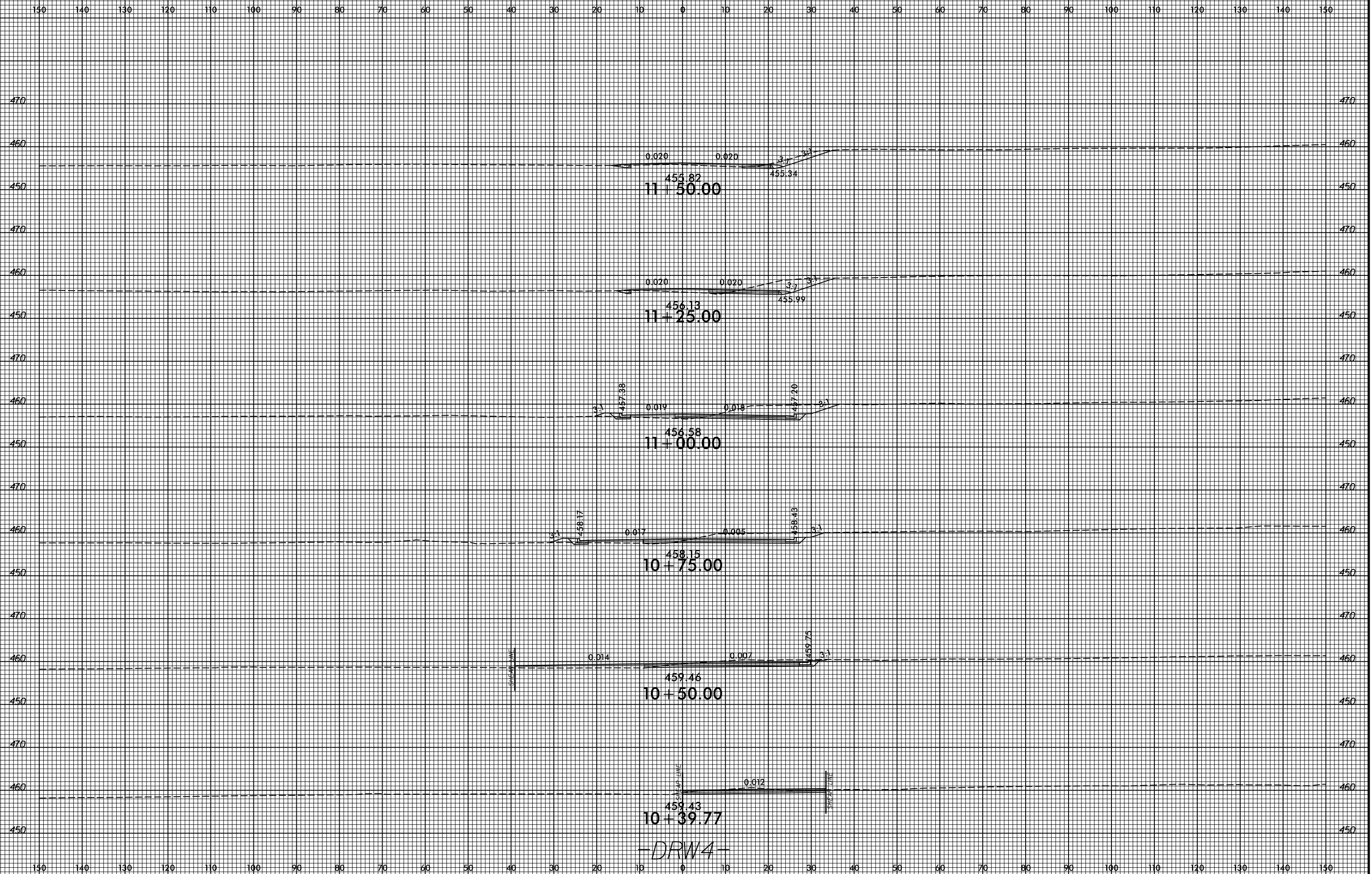
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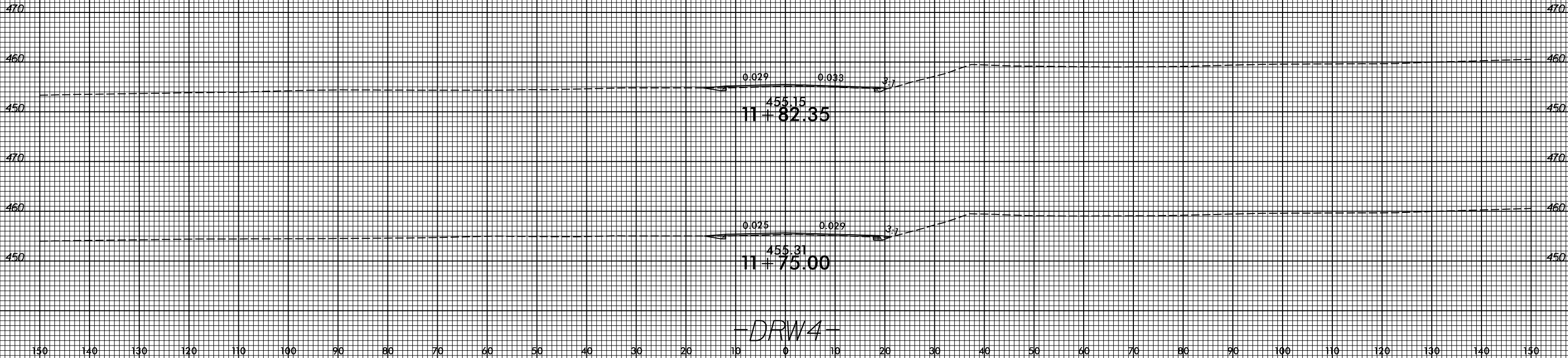
-DRW3-

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



-DRW4-

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



-DRW4-