| PROJ. REFERENCE NO. | SHEET NO. |
|---|---|
| R-3403AA | X-1A |

# STATE OF NORTH CAROLINA
# DIVISION OF HIGHWAYS

## *CROSS-SECTION SUMMARY*

**Approximate quantities only. Unclassified excavation, fine grading, clearing and grubbing, and removal of existing pavement will be paid for at the lump sum price for "Grading".**

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

| Station L LT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) | UnderCut (cu. yd.) |
|---|---|---|---|
| 18+00.00 | 0 | 0 | 0 |
| 18+50.00 | 11 | 132 | 66 |
| 19+00.00 | 26 | 204 | 130 |
| 19+50.00 | 26 | 125 | 117 |
| 20+00.00 | 27 | 112 | 105 |
| 20+50.00 | 27 | 108 | 101 |
| 21+00.00 | 24 | 124 | 106 |
| 21+50.00 | 22 | 152 | 113 |
| 22+00.00 | 22 | 166 | 123 |
| 22+50.00 | 23 | 156 | 114 |
| 23+00.00 | 23 | 167 | 96 |
| 23+50.00 | 24 | 202 | 96 |
| 24+00.00 | 30 | 143 | 75 |
| 24+50.00 | 34 | 80 | 55 |
| 25+00.00 | 40 | 81 | 55 |
| 25+50.00 | 38 | 74 | 55 |
| 26+00.00 | 24 | 70 | 55 |
| 26+50.00 | 20 | 46 | 27 |
| 27+00.00 | 19 | 10 | 0 |
| 27+50.00 | 19 | 37 | 0 |
| 28+00.00 | 31 | 38 | 0 |
| 28+50.00 | 49 | 5 | 0 |
| 29+00.00 | 49 | 5 | 0 |
| 29+50.00 | 31 | 1 | 0 |
| 30+00.00 | 50 | 1 | 0 |
| 30+50.00 | 49 | 1 | 0 |
| 31+00.00 | 50 | 1 | 0 |
| 31+50.00 | 52 | 1 | 0 |
| 32+00.00 | 48 | 0 | 0 |
| 32+50.00 | 42 | 0 | 0 |
| 33+00.00 | 17 | 6 | 0 |
| 33+50.00 | 44 | 7 | 0 |
| 34+00.00 | 60 | 1 | 0 |
| 34+50.00 | 50 | 66 | 63 |
| 35+00.00 | 53 | 123 | 120 |
| 35+50.00 | 48 | 126 | 118 |
| 36+00.00 | 30 | 139 | 122 |
| 36+50.00 | 27 | 119 | 103 |
| 37+00.00 | 23 | 134 | 74 |

| Station L LT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) | UnderCut (cu. yd.) |
|---|---|---|---|
| 37+00.00 | 0 | 0 | 0 |
| 37+50.00 | 14 | 94 | 40 |
| 38+00.00 | 68 | 66 | 66 |
| 38+50.00 | 125 | 118 | 118 |
| 39+00.00 | 133 | 117 | 117 |
| 39+50.00 | 145 | 118 | 116 |
| 40+00.00 | 165 | 124 | 121 |
| 40+50.00 | 185 | 128 | 127 |
| 41+00.00 | 213 | 119 | 119 |
| 41+50.00 | 244 | 63 | 55 |

| Station L LT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) | UnderCut (cu. yd.) |
|---|---|---|---|
| 42+00.00 | 242 | 20 | 0 |
| 42+50.00 | 166 | 12 | 0 |
| 43+00.00 | 130 | 1 | 0 |
| 43+50.00 | 179 | 5 | 0 |
| 44+00.00 | 161 | 10 | 0 |
| 44+50.00 | 118 | 25 | 0 |
| 45+00.00 | 104 | 34 | 0 |
| 45+50.00 | 99 | 33 | 0 |
| 46+00.00 | 92 | 43 | 0 |
| 46+50.00 | 80 | 51 | 0 |
| 47+00.00 | 72 | 31 | 0 |
| 47+50.00 | 93 | 5 | 0 |
| 48+00.00 | 95 | 0 | 0 |
| 48+50.00 | 118 | 0 | 0 |
| 49+00.00 | 139 | 0 | 0 |
| 49+50.00 | 92 | 0 | 0 |
| 50+00.00 | 67 | 0 | 0 |
| 50+50.00 | 78 | 0 | 0 |
| 50+90.00 | 72 | 0 | 0 |

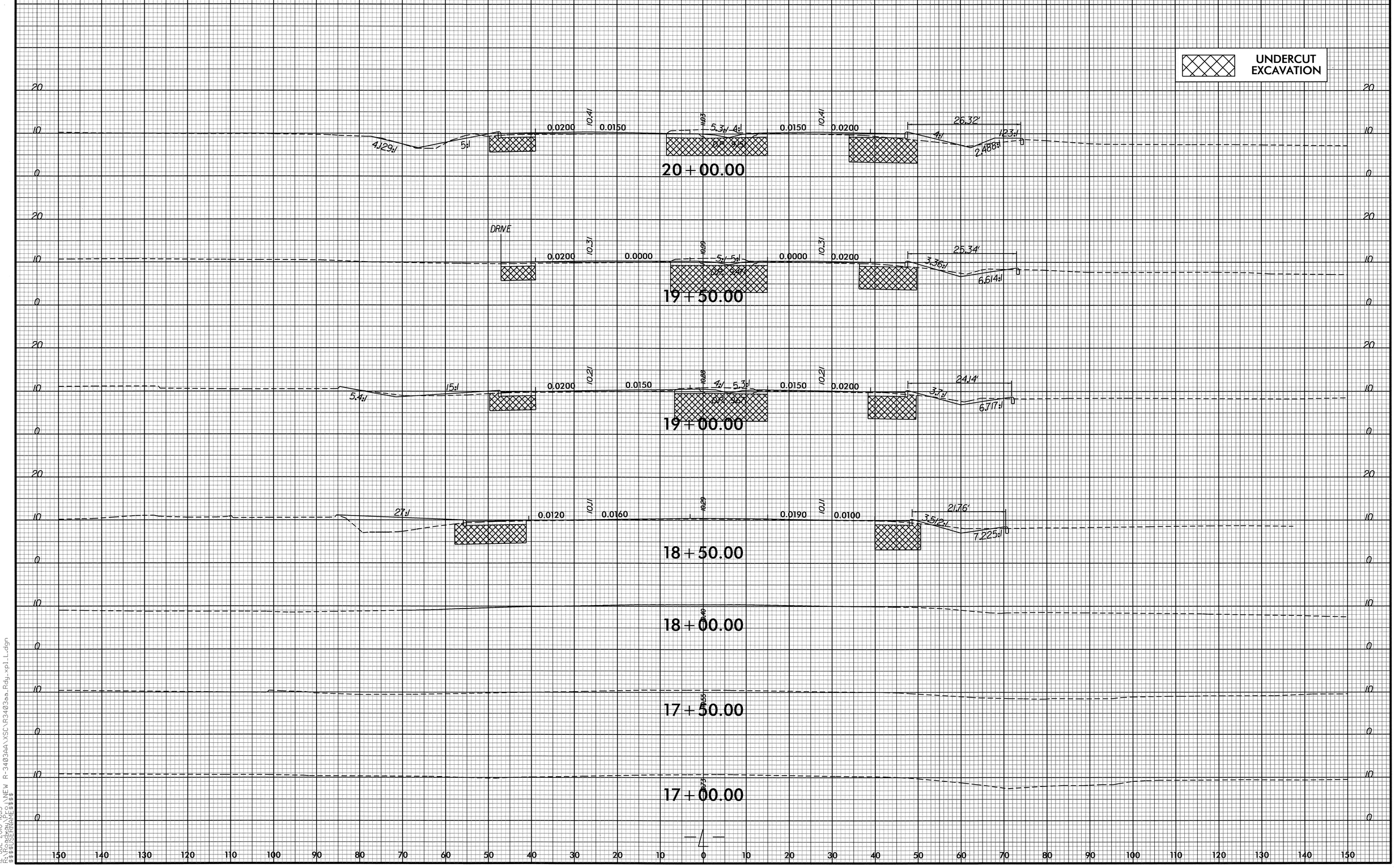
| Station L RT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) | UnderCut (cu. yd.) |
|---|---|---|---|
| 18+00.00 | 0 | 0 | 0 |
| 18+50.00 | 14 | 60 | 57 |
| 19+00.00 | 48 | 216 | 211 |
| 19+50.00 | 69 | 328 | 321 |
| 20+00.00 | 66 | 343 | 321 |
| 20+50.00 | 58 | 386 | 346 |
| 21+00.00 | 57 | 447 | 398 |
| 21+50.00 | 62 | 494 | 429 |
| 22+00.00 | 63 | 490 | 441 |
| 22+50.00 | 72 | 436 | 376 |
| 23+00.00 | 79 | 459 | 338 |
| 23+50.00 | 91 | 482 | 390 |
| 24+00.00 | 77 | 423 | 379 |
| 24+50.00 | 47 | 417 | 321 |
| 25+00.00 | 42 | 420 | 296 |
| 25+50.00 | 36 | 391 | 324 |
| 26+00.00 | 45 | 411 | 356 |
| 26+50.00 | 49 | 431 | 367 |
| 27+00.00 | 31 | 462 | 398 |
| 27+50.00 | 32 | 480 | 427 |
| 28+00.00 | 58 | 464 | 445 |
| 28+50.00 | 85 | 459 | 453 |
| 29+00.00 | 73 | 465 | 427 |
| 29+50.00 | 33 | 445 | 395 |
| 30+00.00 | 31 | 416 | 353 |
| 30+50.00 | 22 | 373 | 291 |
| 31+00.00 | 39 | 368 | 285 |
| 31+50.00 | 72 | 409 | 299 |
| 32+00.00 | 73 | 411 | 305 |
| 32+50.00 | 49 | 400 | 334 |

| Station L RT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) | UnderCut (cu. yd.) |
|---|---|---|---|
| 33+00.00 | 24 | 372 | 351 |
| 33+50.00 | 31 | 353 | 344 |
| 34+00.00 | 28 | 347 | 335 |
| 34+50.00 | 35 | 444 | 438 |
| 35+00.00 | 54 | 516 | 516 |
| 35+50.00 | 76 | 482 | 482 |
| 36+00.00 | 131 | 252 | 252 |
| 36+50.00 | 125 | 15 | 14 |
| 37+00.00 | 75 | 6 | 0 |

| Station L RT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) | UnderCut (cu. yd.) |
|---|---|---|---|
| 37+00.00 | 0 | 0 | 0 |
| 37+50.00 | 85 | 10 | 0 |
| 38+00.00 | 78 | 14 | 0 |
| 38+50.00 | 55 | 48 | 0 |
| 39+00.00 | 45 | 229 | 151 |
| 39+50.00 | 34 | 383 | 277 |
| 40+00.00 | 29 | 448 | 315 |
| 40+50.00 | 31 | 514 | 372 |
| 41+00.00 | 34 | 486 | 332 |
| 41+50.00 | 30 | 459 | 293 |
| 42+00.00 | 13 | 566 | 362 |
| 42+50.00 | 4 | 334 | 218 |
| 43+00.00 | 4 | 500 | 456 |
| 43+50.00 | 2 | 917 | 703 |
| 44+00.00 | 3 | 732 | 421 |
| 44+50.00 | 8 | 582 | 385 |
| 45+00.00 | 14 | 421 | 363 |
| 45+50.00 | 22 | 337 | 243 |
| 46+00.00 | 45 | 366 | 195 |
| 46+50.00 | 47 | 344 | 268 |
| 47+00.00 | 59 | 308 | 286 |
| 47+50.00 | 70 | 295 | 239 |
| 48+00.00 | 56 | 173 | 116 |
| 48+50.00 | 52 | 41 | 0 |
| 49+00.00 | 52 | 27 | 0 |
| 49+50.00 | 75 | 13 | 0 |
| 50+00.00 | 108 | 6 | 0 |
| 50+50.00 | 123 | 6 | 0 |
| 50+90.00 | 100 | 6 | 0 |

| Station Y4 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+46.48 | 0 | 0 |
| 11+00.00 | 18 | 13 |
| 11+20.00 | 13 | 10 |
| 11+40.00 | 14 | 8 |
| 11+60.00 | 19 | 6 |
| 11+80.00 | 23 | 5 |
| 12+00.00 | 24 | 5 |
| 12+20.00 | 22 | 4 |
| 12+40.00 | 20 | 4 |

| Station Y6 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+50.00 | 0 | 0 |
| 11+00.00 | 9 | 0 |
| 11+50.00 | 29 | 4 |
| 12+00.00 | 52 | 5 |
| 12+50.00 | 71 | 0 |
| 13+00.00 | 86 | 0 |
| 13+50.00 | 72 | 0 |
| 14+00.00 | 69 | 0 |
| 14+50.00 | 84 | 0 |
| 15+00.00 | 61 | 4 |
| 15+50.00 | 37 | 19 |
| 16+00.00 | 34 | 29 |
| 16+50.00 | 46 | 32 |
| 17+00.00 | 58 | 24 |
| 17+50.00 | 84 | 6 |

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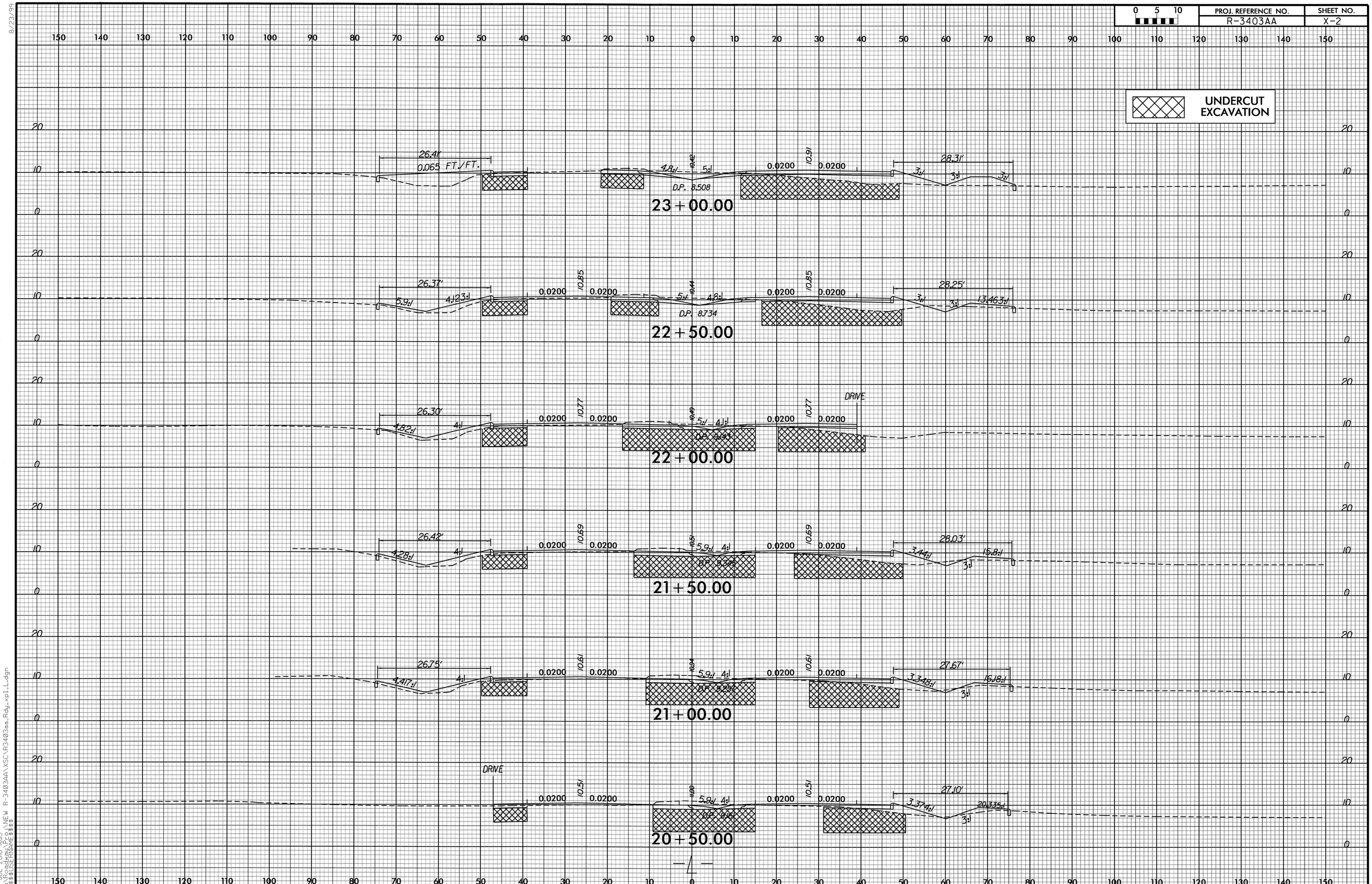
| | R-3403AA | X-2 |

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| PROJ. REFERENCE NO. | SHEET NO. |
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| R-3403AA | X-3 |

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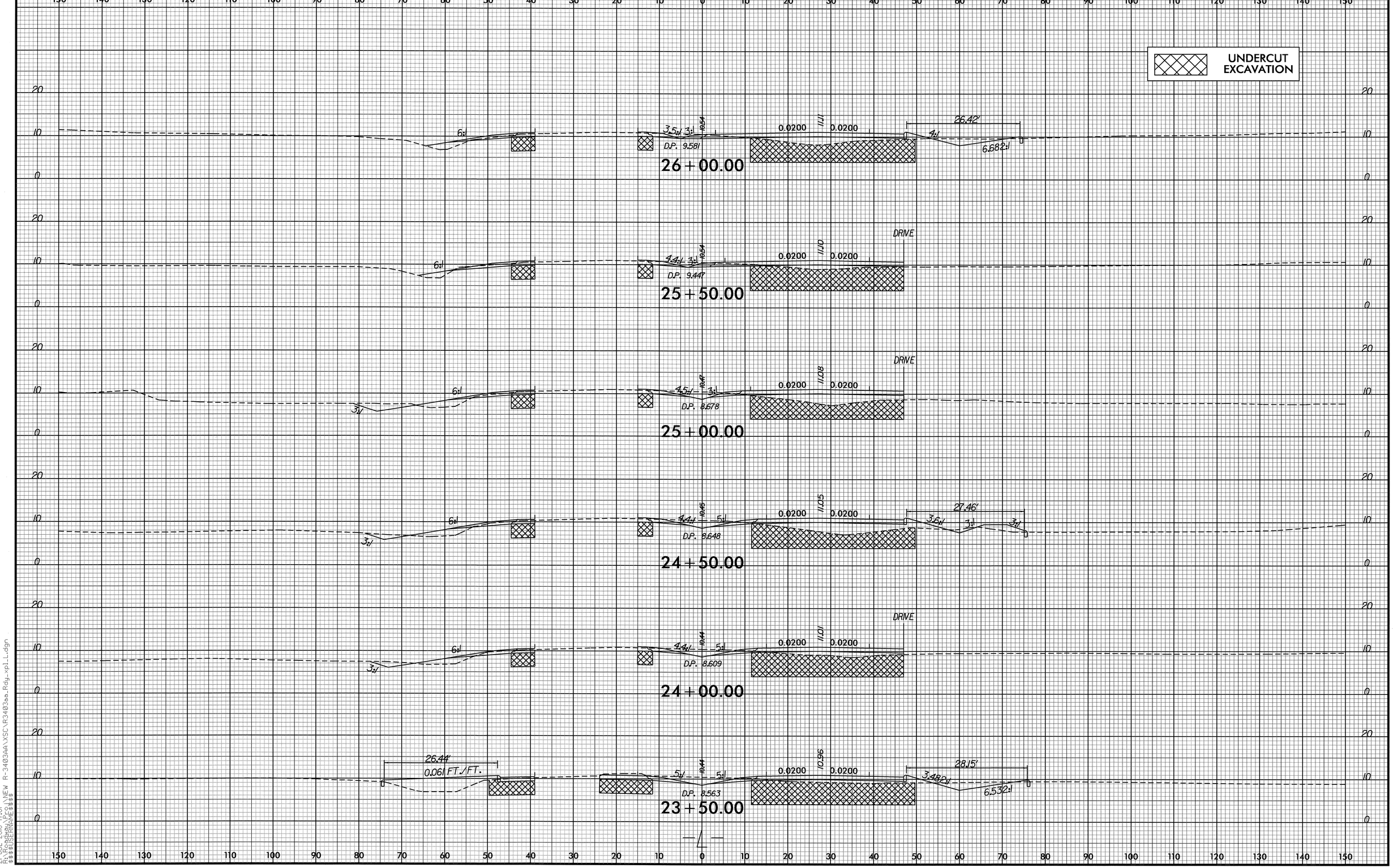
UNDERCUT EXCAVATION

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| R-3403AA | X-4 |

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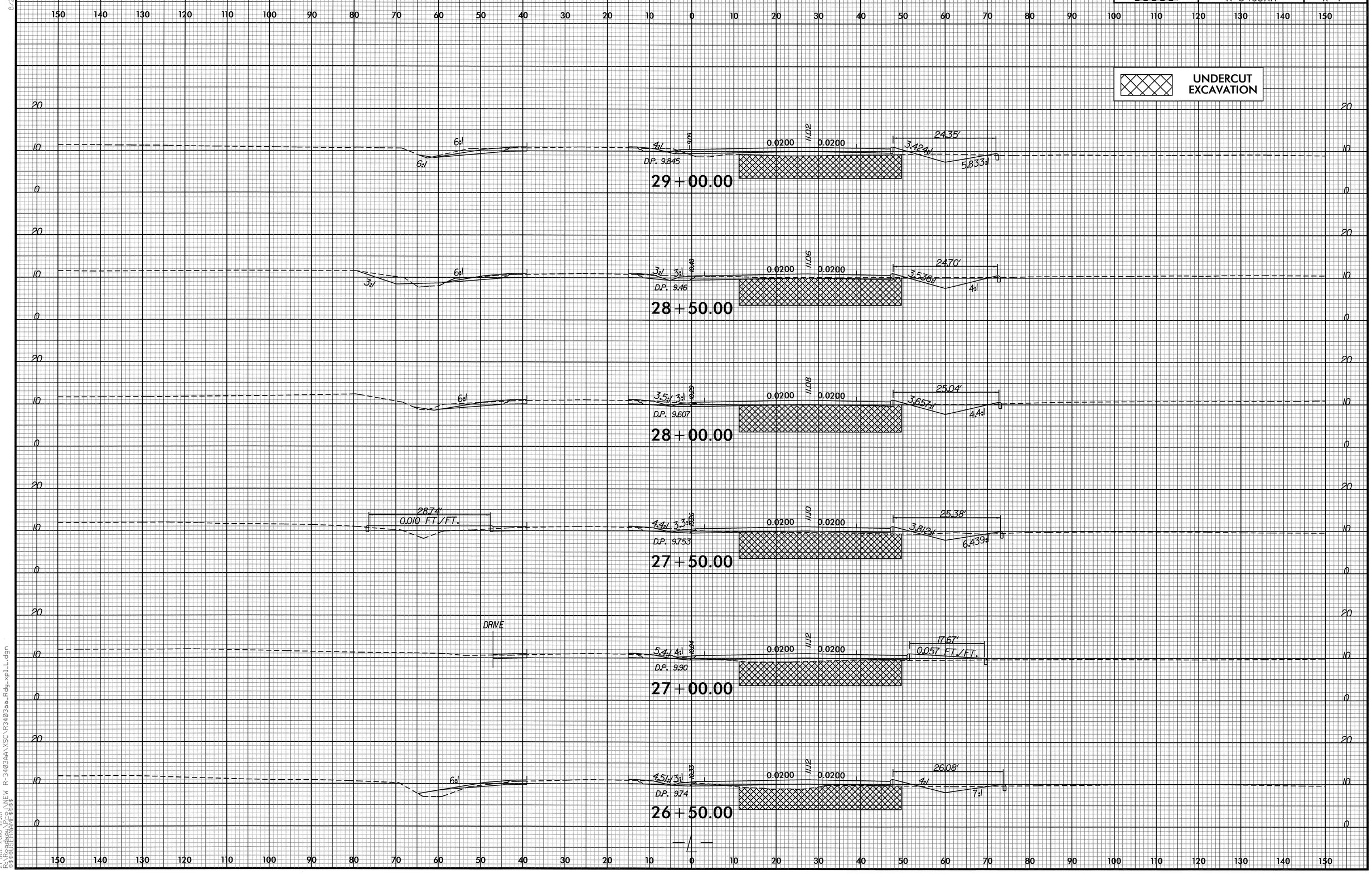
UNDERCUT EXCAVATION

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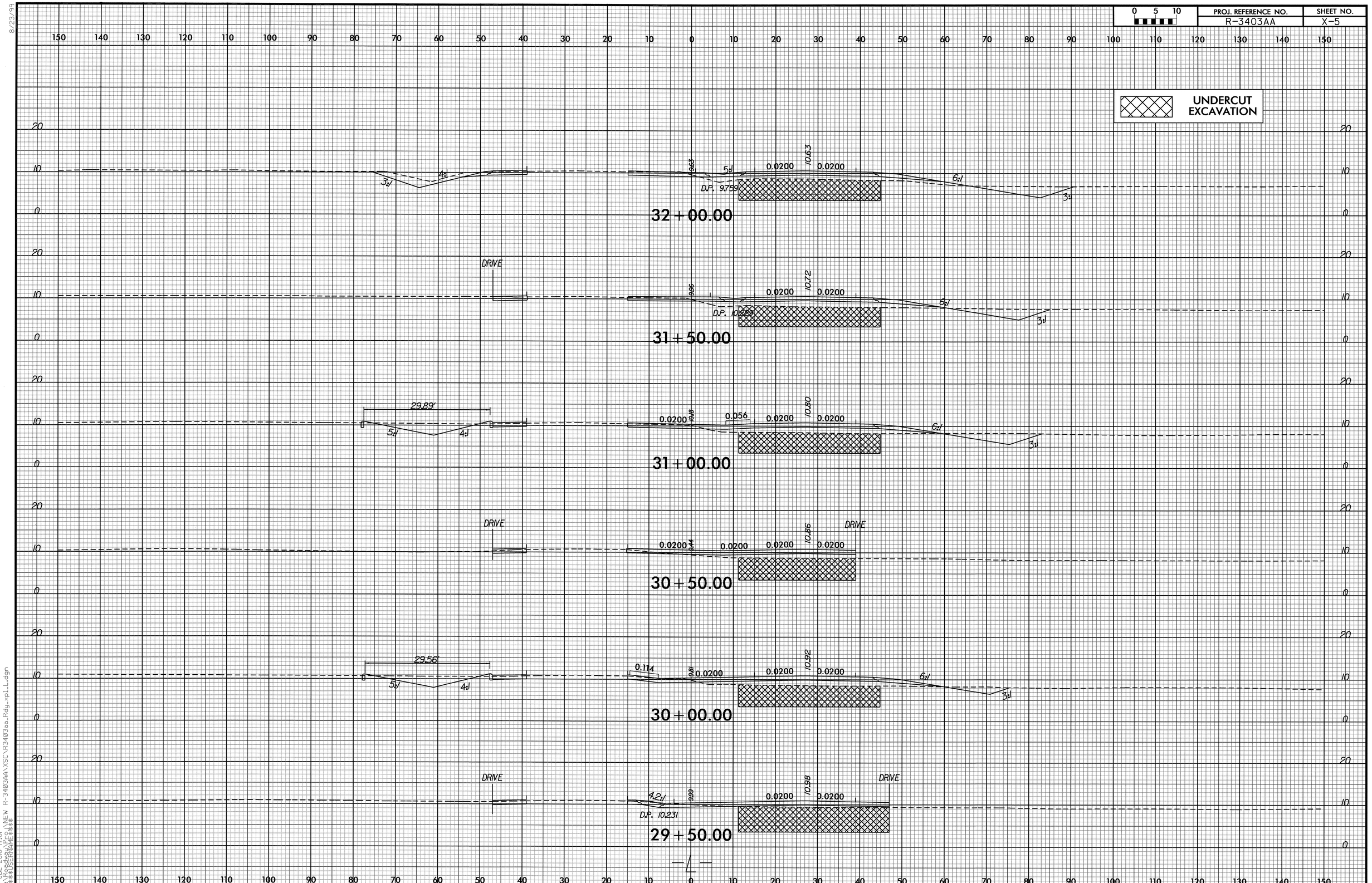


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| | R-3403AA | X-6 |

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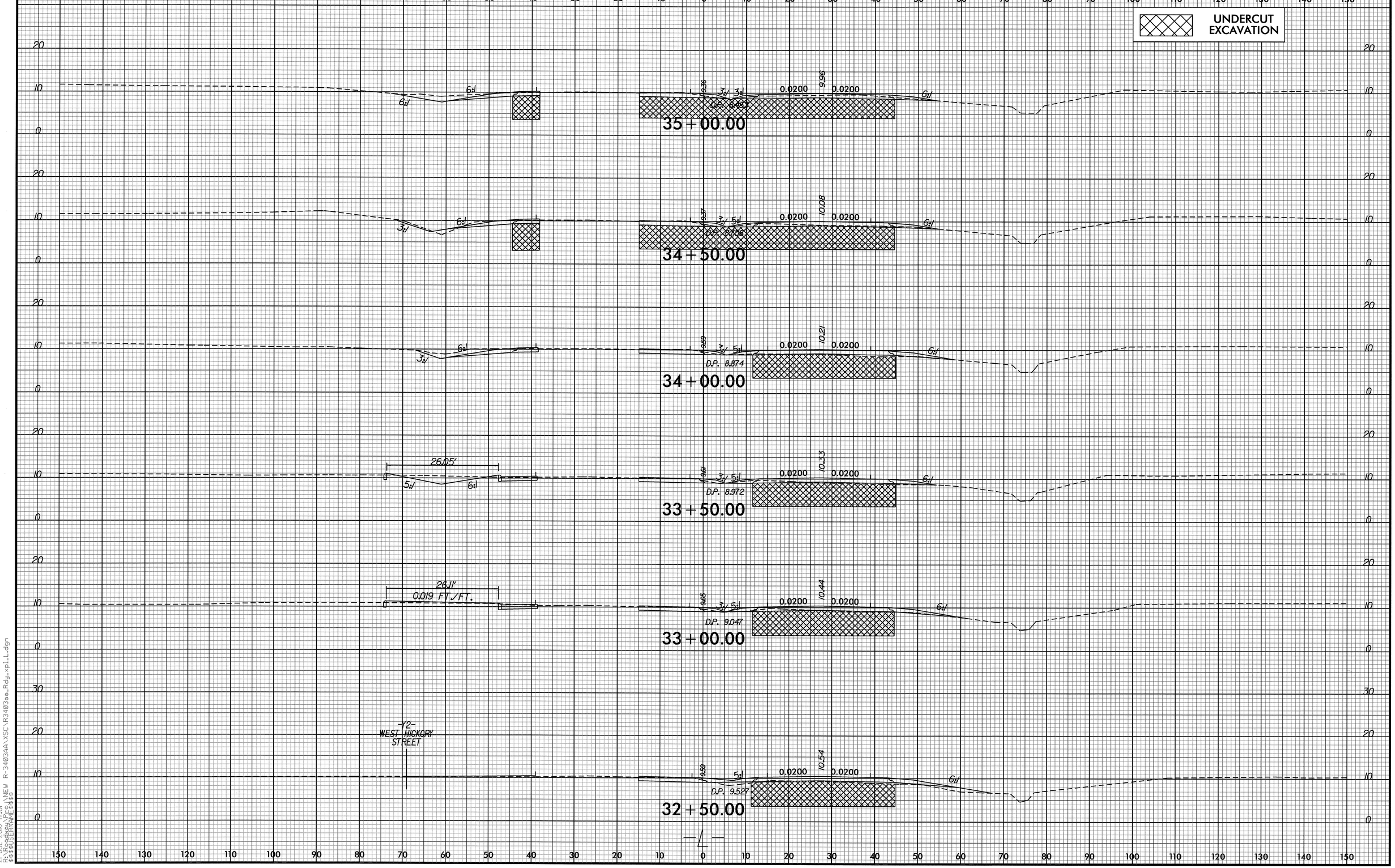


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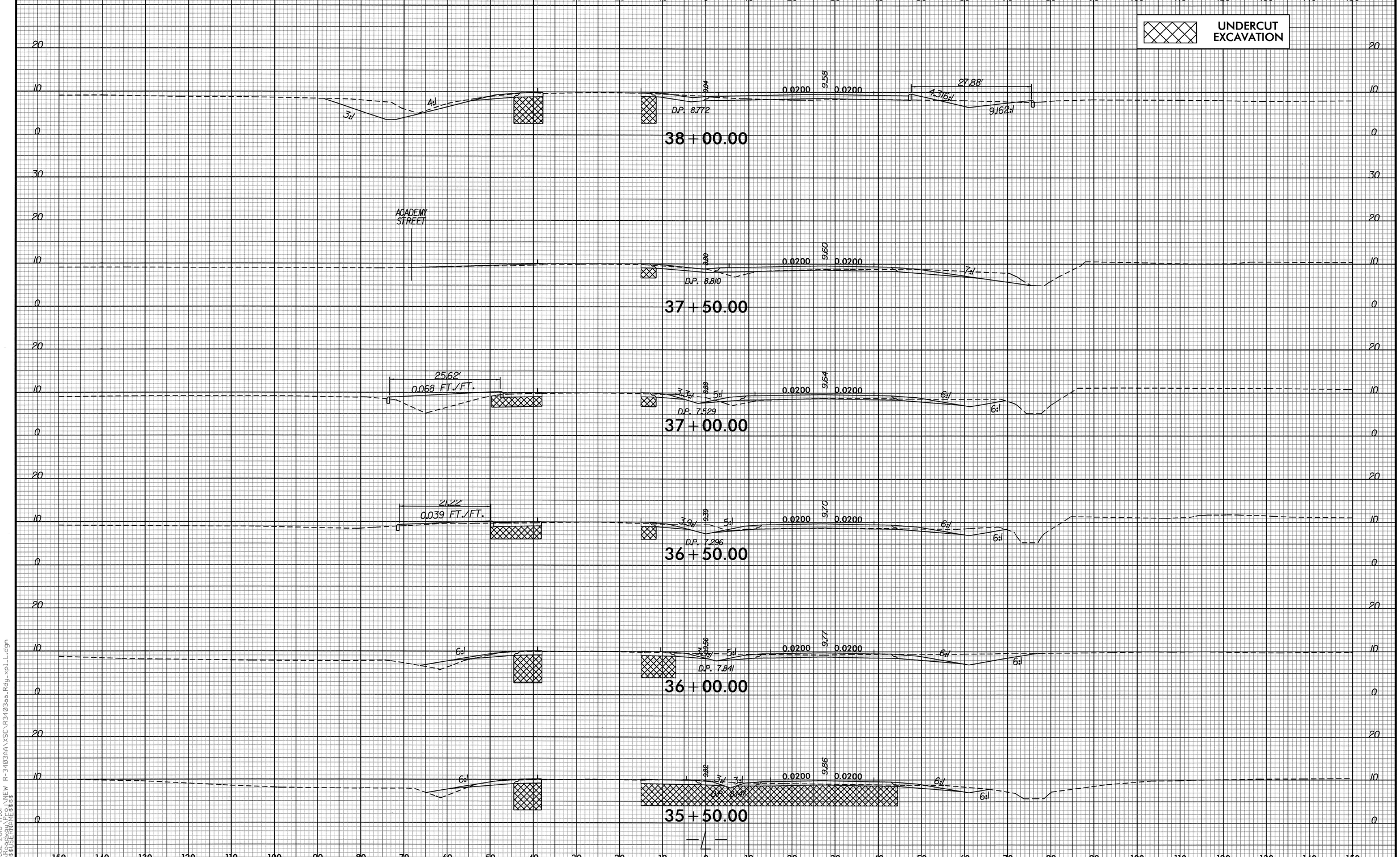
| | R-3403AA | X-7 |

UNDERCUT EXCAVATION

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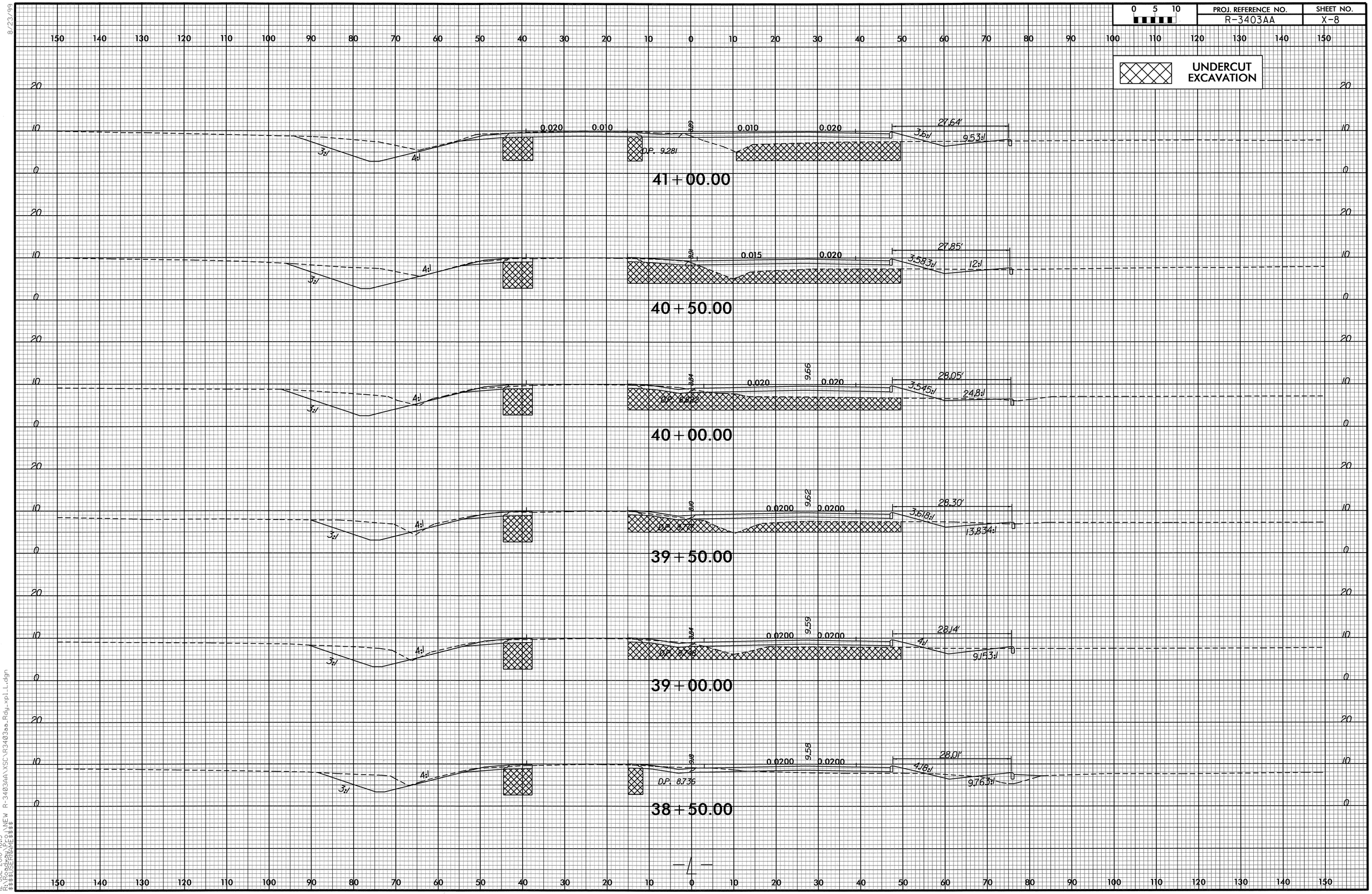
| | R-3403AA | X-8 |

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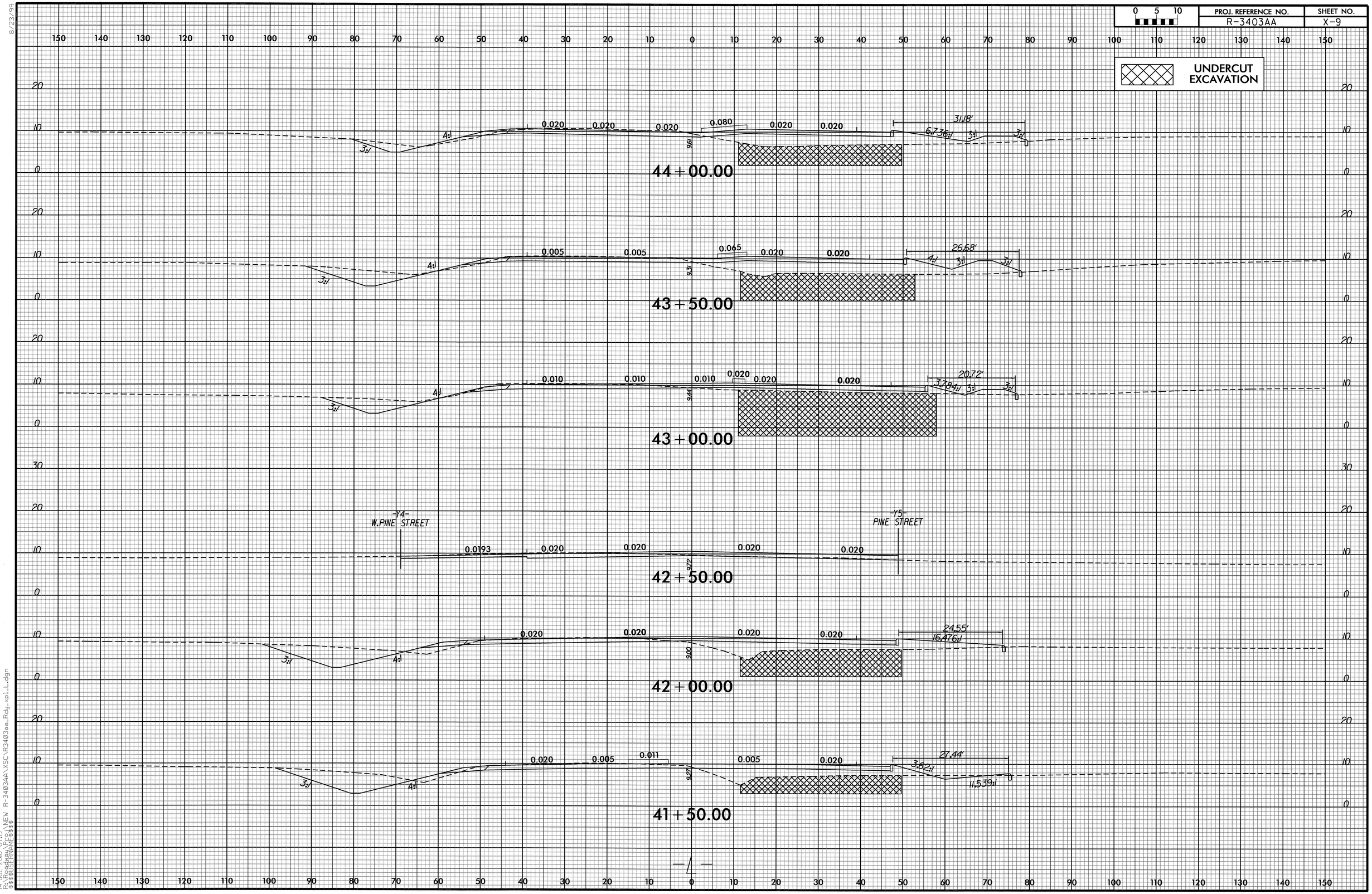


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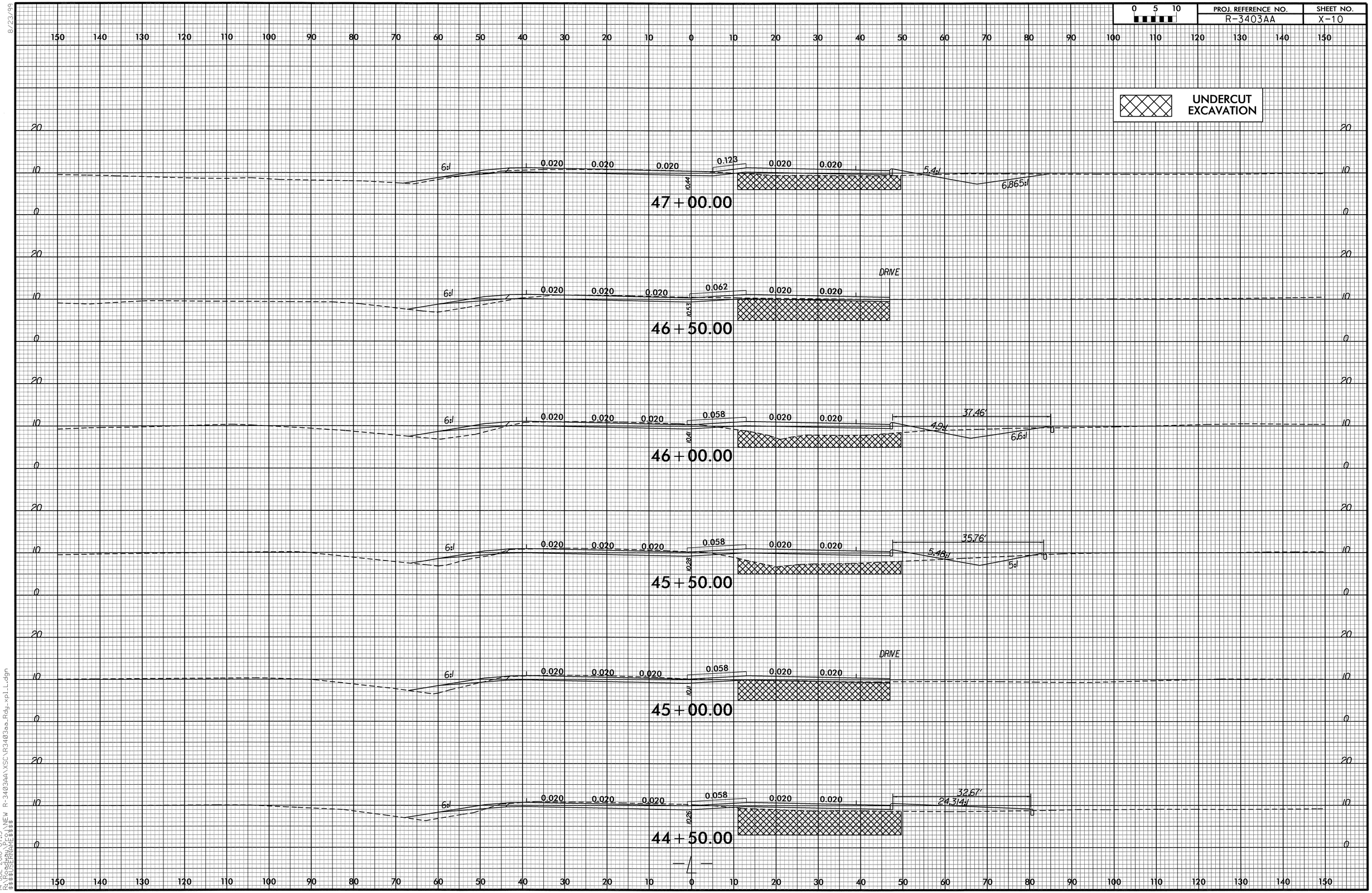
| | R-3403AA | X-10 |

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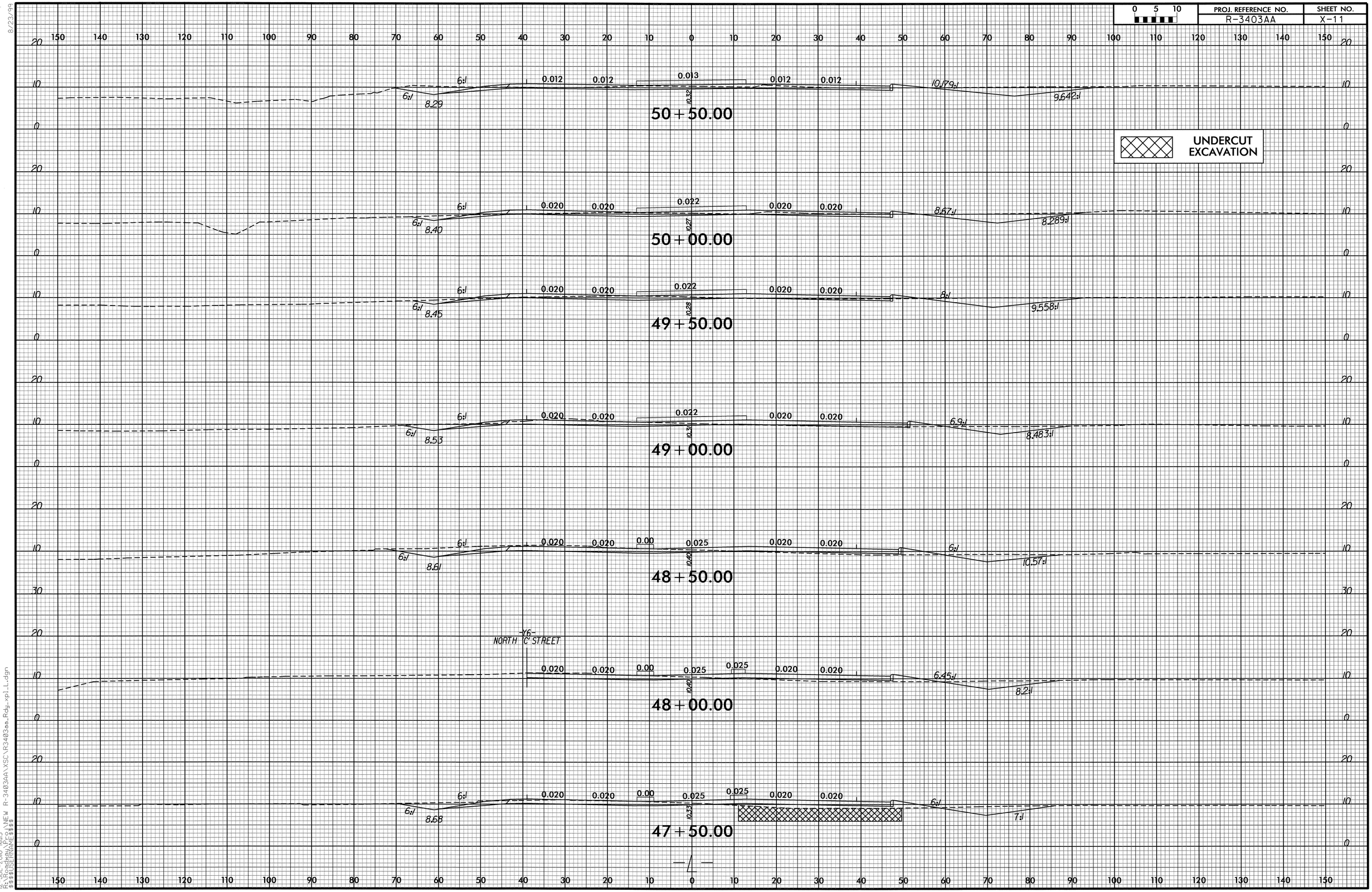


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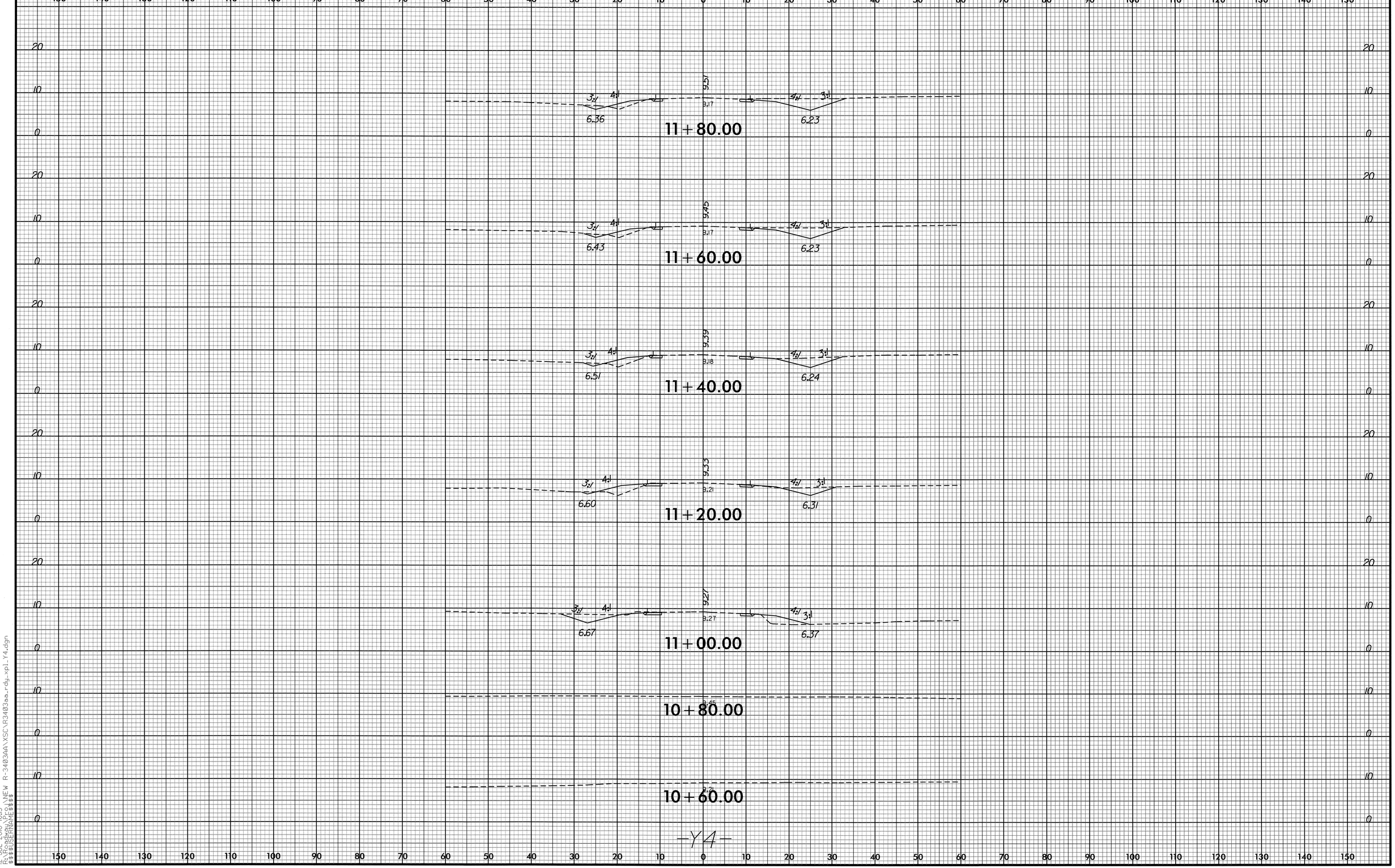
| | R-3403AA | X-12 |

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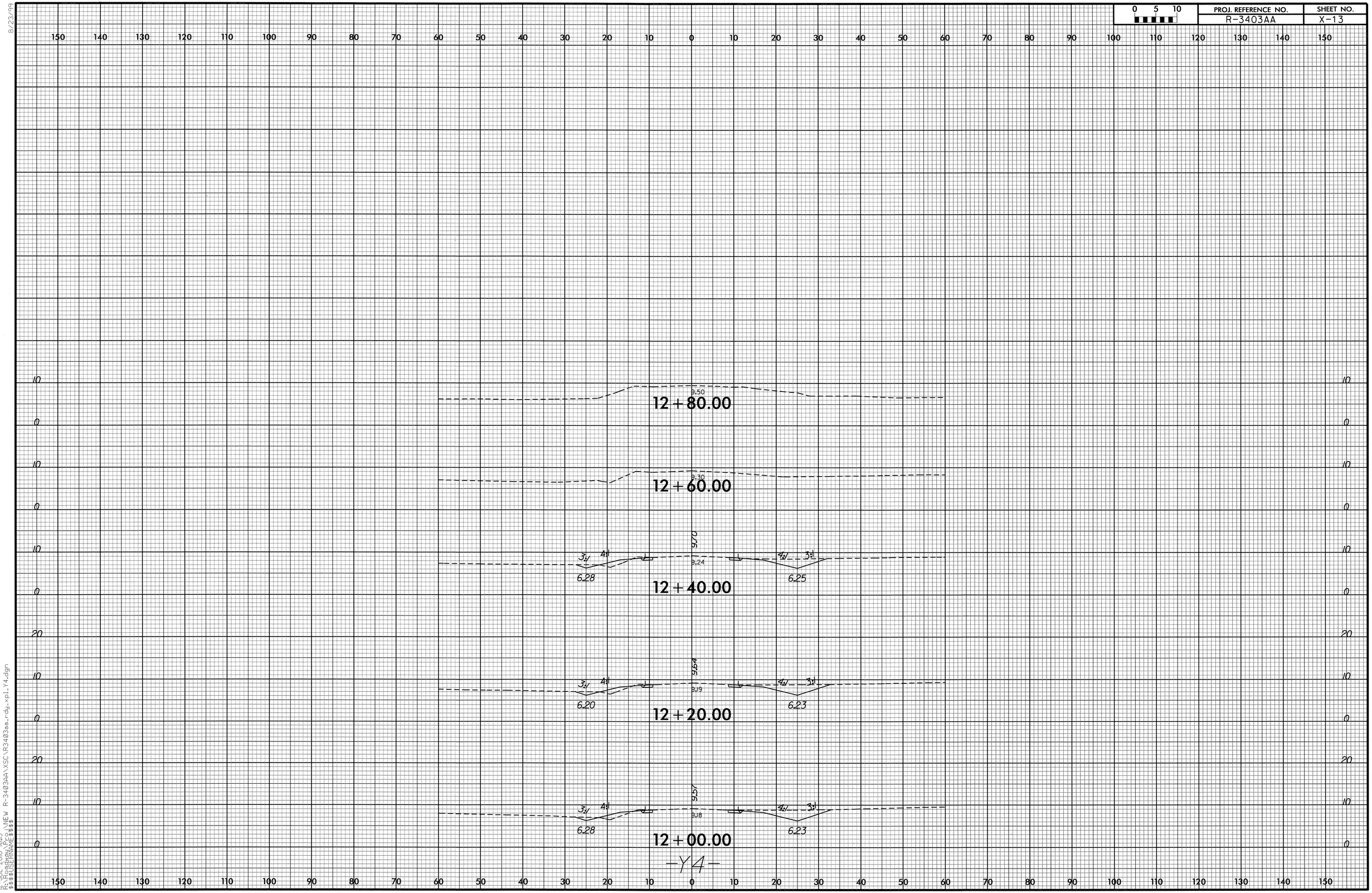


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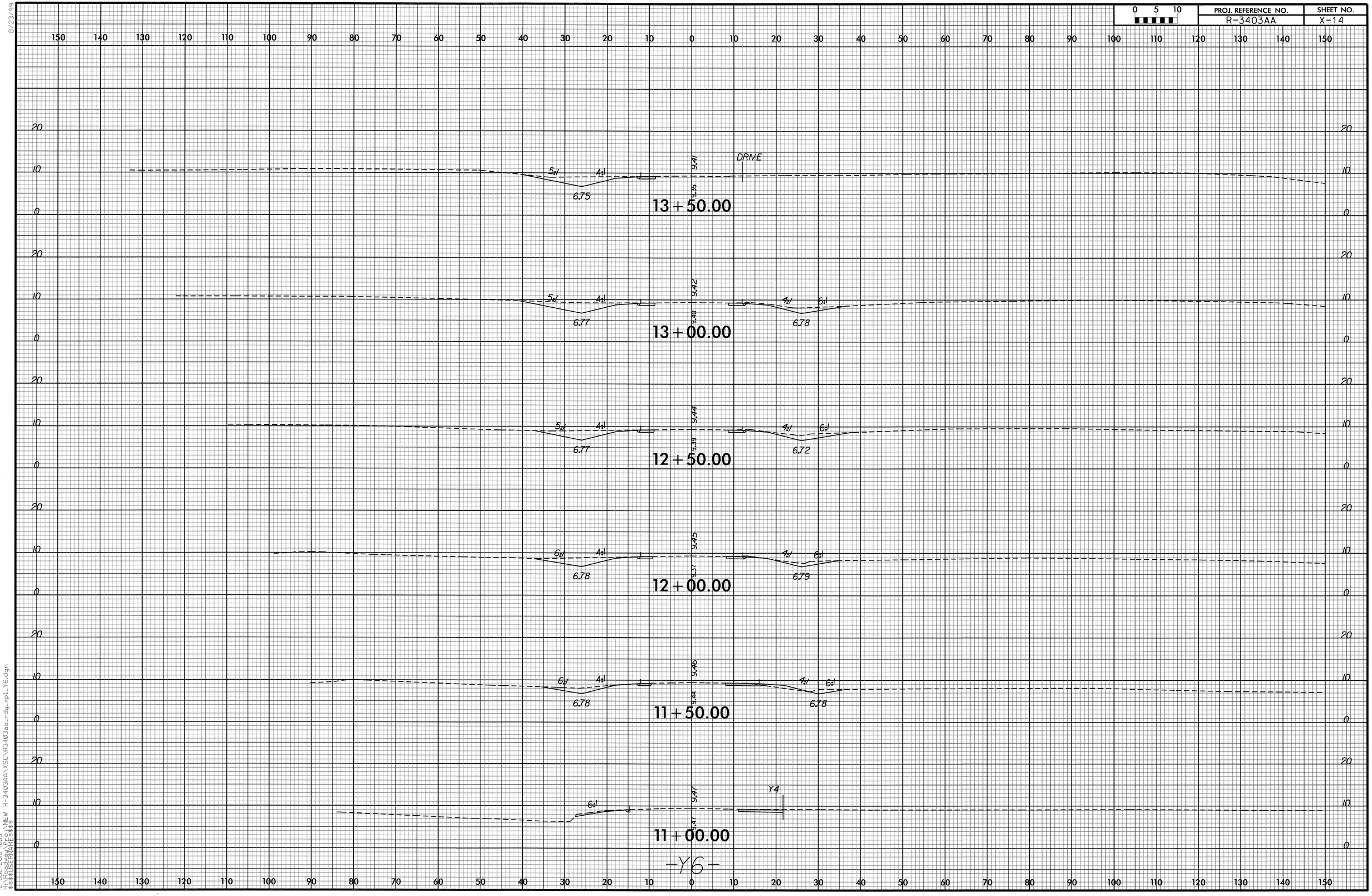


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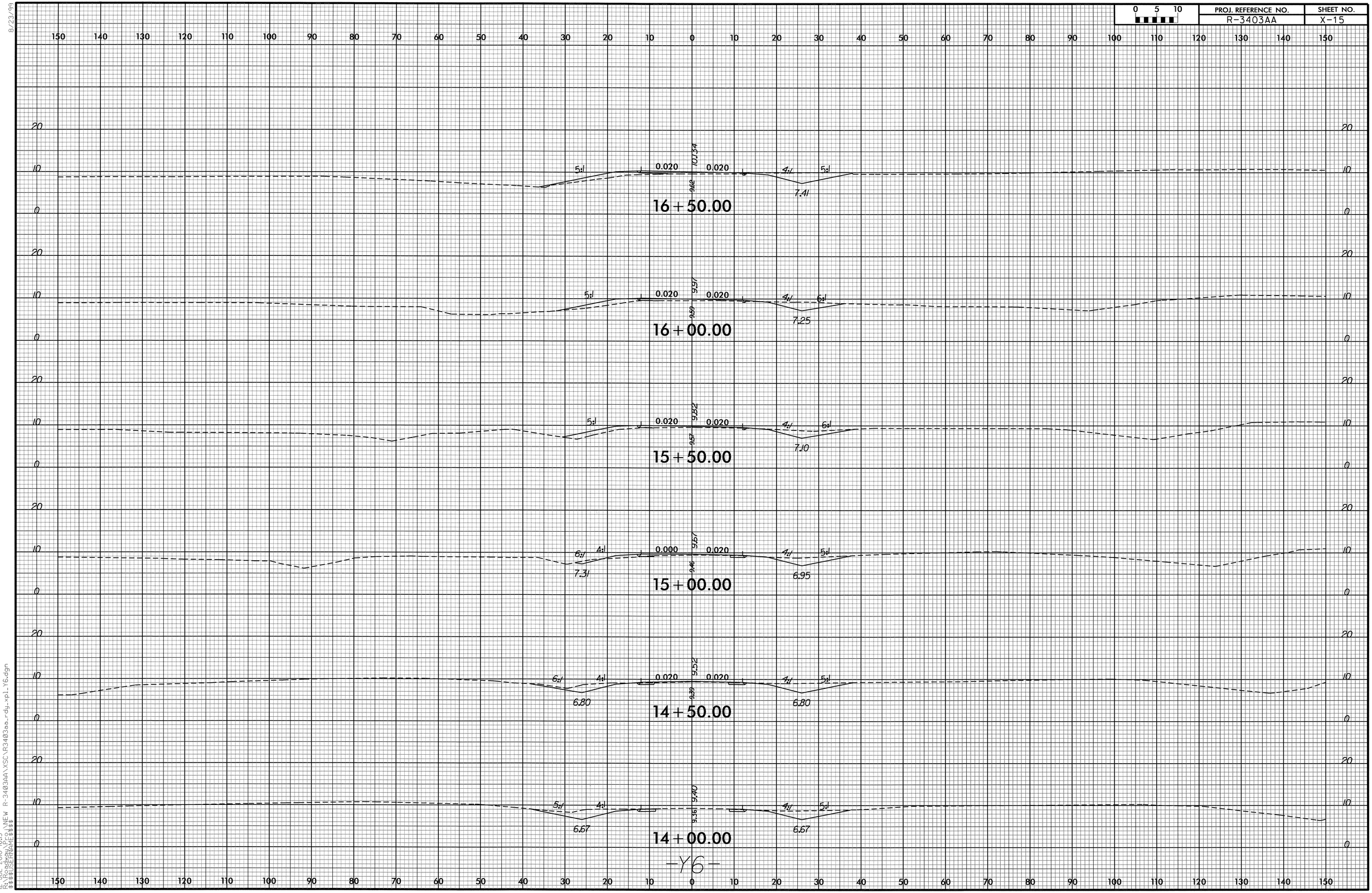


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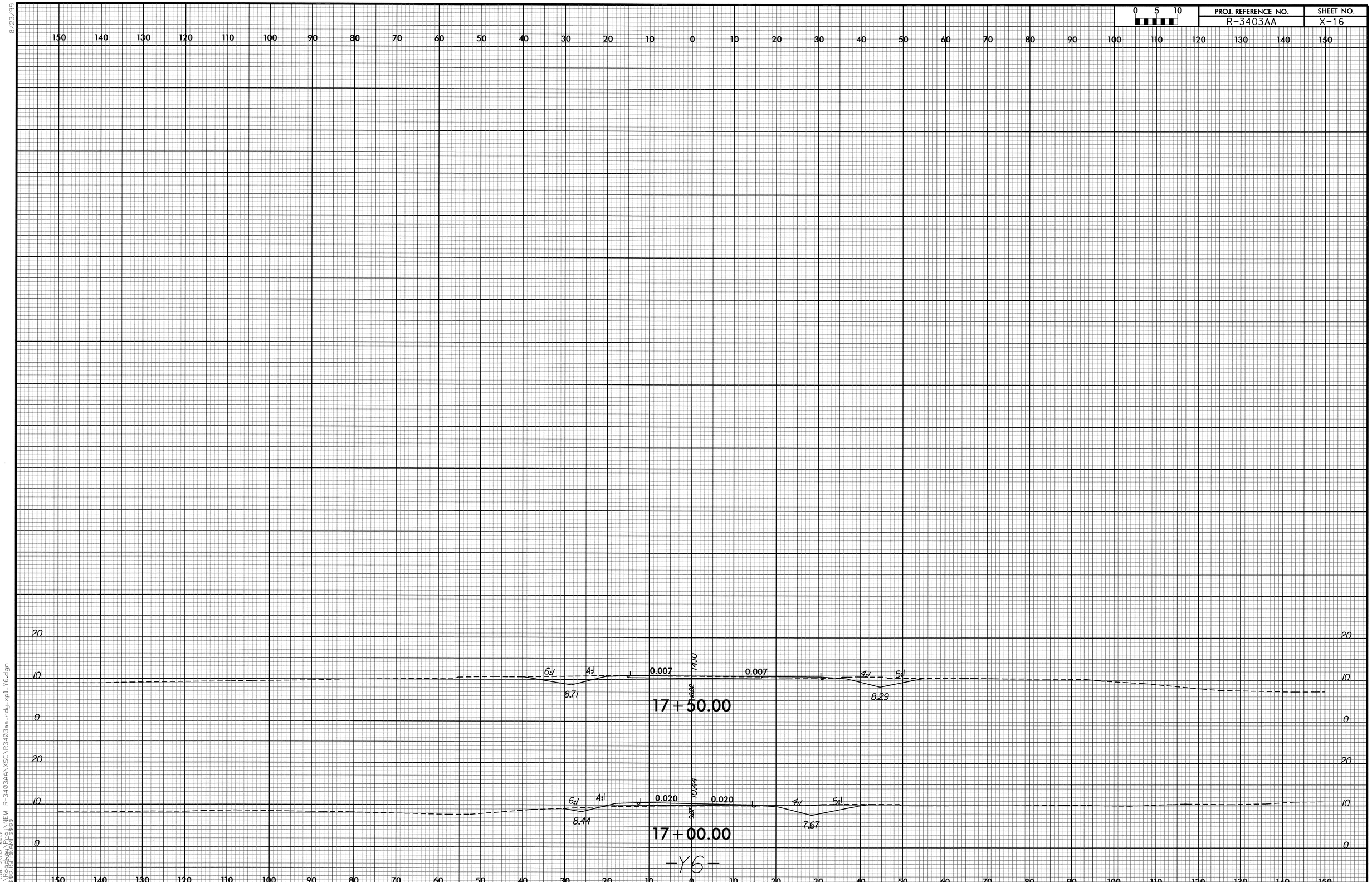


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