| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| R-3324 | X-1 |

# STATE OF NORTH CAROLINA
# DIVISION OF HIGHWAYS

## R-3324
## CROSS-SECTION INDEX

| ALIGNMENT | STATION TO STATION | SHEET No. |
|---|---|---|
| -L- | 15+00 thru 130+50 | X-2 thru X-74 |
| -Y- | 11+50 thru 24+50 | X-75 thru X-80 |
| -Y1- | 10+50 thru 50+00 | X-81 thru X-98 |
| -Y2- | 16+50 thru 83+50 | X-99 thru X-129 |
| -Y3A- | 10+00 thru 20+00 | X-130 thru X-133 |
| -Y4- | 10+50 thru 20+50 | X-134 thru X-137 |
| -Y5- | 10+50 thru 12+75 | X-138 thru X-139 |
| -DR1- | 10+50 thru 13+50 | X-140 thru X-141 |
| -DET1- | 11+50 thru 23+50 | X-142 thru X-149 |
| -DET2- | 10+50 thru 11+00 | X-150 |
| -DET2- | 11+42.31 thru 17+39.20 | X-142 thru X-149 |

5/28/99
03-DEC-2012 14:50
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$$$$USERNAME$$$$

**Quantities are approximate only. The Resident Engineer will recross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.**

| PROJ. REFERENCE NO. | SHEET NO. |
|---|---|
| R-3324 | X1-A |

# STATE OF NORTH CAROLINA

**Approximate quantities only. Unclassified 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".**

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

## *CROSS-SECTION SUMMARY*

| Station L | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 15+50.00 | 0 | 0 |
| 16+00.00 | 142 | 19 |
| 16+50.00 | 110 | 42 |
| 17+00.00 | 52 | 181 |
| 17+50.00 | 10 | 278 |
| 18+00.00 | 10 | 267 |
| 18+50.00 | 14 | 285 |
| 19+00.00 | 19 | 281 |
| 19+50.00 | 20 | 364 |
| 20+00.00 | 31 | 573 |
| 20+50.00 | 62 | 806 |
| 21+00.00 | 54 | 1179 |
| 21+34.23 | 190 | 1495 |

| Station L | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 22+71.55 | 0 | 1154 |
| 23+50.00 | 0 | 2108 |
| 24+00.00 | 0 | 2308 |
| 24+50.00 | 0 | 2522 |
| 25+00.00 | 0 | 2683 |
| 25+50.00 | 0 | 2878 |
| 26+00.00 | 0 | 3117 |
| 26+50.00 | 0 | 3294 |
| 27+00.00 | 0 | 3335 |
| 27+50.00 | 0 | 2786 |
| 28+00.00 | 0 | 2341 |
| 28+50.00 | 0 | 2111 |
| 29+00.00 | 0 | 1876 |
| 29+50.00 | 0 | 1990 |
| 30+00.00 | 0 | 2083 |
| 30+50.00 | 0 | 2015 |
| 31+00.00 | 0 | 1964 |
| 31+50.00 | 0 | 2052 |
| 32+00.00 | 0 | 1988 |
| 32+50.00 | 0 | 1533 |
| 33+00.00 | 0 | 1046 |
| 33+50.00 | 1 | 789 |
| 34+00.00 | 9 | 582 |
| 34+50.00 | 29 | 410 |
| 35+00.00 | 121 | 267 |
| 35+50.00 | 176 | 207 |
| 36+00.00 | 150 | 171 |
| 36+50.00 | 135 | 145 |
| 37+00.00 | 162 | 92 |
| 37+50.00 | 253 | 27 |
| 38+00.00 | 306 | 2 |
| 38+50.00 | 248 | 27 |
| 39+00.00 | 94 | 51 |

| Station L | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 40+00.00 | 0 | 0 |
| 40+50.00 | 19 | 295 |
| 41+00.00 | 40 | 356 |
| 41+50.00 | 46 | 403 |
| 42+00.00 | 44 | 437 |
| 42+50.00 | 29 | 505 |
| 43+00.00 | 24 | 574 |
| 43+50.00 | 19 | 601 |
| 44+00.00 | 6 | 609 |
| 44+50.00 | 0 | 644 |
| 45+00.00 | 0 | 714 |
| 45+50.00 | 0 | 798 |
| 46+00.00 | 0 | 886 |
| 46+50.00 | 0 | 954 |
| 47+00.00 | 0 | 1003 |
| 47+50.00 | 0 | 1078 |
| 48+00.00 | 0 | 1065 |
| 48+50.00 | 0 | 1023 |
| 49+00.00 | 0 | 1071 |
| 49+50.00 | 0 | 1135 |
| 50+00.00 | 0 | 1199 |
| 50+50.00 | 0 | 1259 |
| 51+00.00 | 0 | 1339 |
| 51+50.00 | 0 | 1414 |
| 52+00.00 | 0 | 1605 |
| 52+50.00 | 0 | 1938 |
| 53+00.00 | 0 | 2002 |
| 53+50.00 | 0 | 1827 |
| 54+00.00 | 0 | 1769 |
| 54+50.00 | 0 | 1743 |
| 55+00.00 | 0 | 1707 |
| 55+50.00 | 0 | 1745 |
| 56+00.00 | 0 | 1818 |
| 56+50.00 | 0 | 1905 |
| 57+00.00 | 0 | 1931 |
| 57+50.00 | 0 | 1869 |
| 58+00.00 | 0 | 1796 |
| 58+50.00 | 0 | 1826 |
| 59+00.00 | 0 | 1806 |
| 59+50.00 | 0 | 1730 |
| 60+00.00 | 0 | 1725 |
| 60+50.00 | 0 | 1663 |
| 61+00.00 | 0 | 1634 |
| 61+50.00 | 0 | 1652 |
| 62+00.00 | 0 | 1684 |
| 62+50.00 | 4 | 1769 |
| 63+00.00 | 4 | 1800 |
| 63+50.00 | 0 | 1819 |
| 64+00.00 | 0 | 1899 |
| 64+50.00 | 0 | 1878 |
| 65+00.00 | 0 | 1832 |
| 65+50.00 | 0 | 1884 |
| 66+00.00 | 0 | 1900 |

| Station L | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 66+50.00 | 0 | 1853 |
| 67+00.00 | 0 | 1786 |
| 67+50.00 | 0 | 1670 |
| 68+00.00 | 0 | 1603 |
| 68+50.00 | 0 | 1637 |
| 69+00.00 | 0 | 1650 |
| 69+50.00 | 0 | 1594 |
| 70+00.00 | 0 | 1452 |

| Station L | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 70+00.00 | 0 | 0 |
| 70+50.00 | 0 | 1329 |
| 71+00.00 | 0 | 1274 |
| 71+50.00 | 0 | 1214 |
| 72+00.00 | 0 | 1178 |
| 72+50.00 | 0 | 1132 |
| 73+00.00 | 0 | 1031 |
| 73+50.00 | 0 | 934 |
| 74+00.00 | 0 | 891 |
| 74+50.00 | 0 | 886 |
| 75+00.00 | 0 | 895 |
| 75+50.00 | 0 | 974 |
| 76+00.00 | 0 | 1074 |
| 76+50.00 | 0 | 1081 |
| 77+00.00 | 0 | 1064 |
| 77+50.00 | 0 | 1062 |
| 78+00.00 | 0 | 1053 |
| 78+50.00 | 0 | 1063 |
| 79+00.00 | 0 | 1132 |
| 79+50.00 | 0 | 1163 |
| 80+00.00 | 0 | 1153 |
| 80+50.00 | 0 | 1200 |
| 81+00.00 | 0 | 1266 |
| 81+50.00 | 0 | 1256 |
| 82+00.00 | 0 | 1211 |
| 82+50.00 | 0 | 1232 |
| 83+00.00 | 0 | 1286 |
| 83+50.00 | 0 | 1333 |
| 84+00.00 | 0 | 1553 |
| 84+50.00 | 0 | 1894 |
| 85+00.00 | 0 | 2111 |
| 85+50.00 | 0 | 2226 |
| 86+50.00 | 0 | 2312 |
| 85+96.63 | 0 | 967 |

| Station L | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 87+88.52 | 0 | 0 |
| 88+00.00 | 0 | 555 |
| 88+50.00 | 0 | 2446 |
| 89+00.00 | 0 | 2483 |

| Station L | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 89+50.00 | 0 | 2392 |
| 90+00.00 | 0 | 2306 |
| 90+50.00 | 0 | 2287 |
| 91+00.00 | 0 | 2170 |
| 91+50.00 | 0 | 2015 |
| 92+00.00 | 0 | 1799 |
| 92+50.00 | 0 | 1649 |
| 93+00.00 | 0 | 1628 |
| 93+50.00 | 0 | 1559 |
| 94+00.00 | 0 | 1473 |
| 94+50.00 | 0 | 1445 |
| 95+00.00 | 0 | 1438 |
| 95+50.00 | 0 | 1421 |
| 96+00.00 | 0 | 1418 |
| 96+50.00 | 0 | 1427 |
| 97+00.00 | 0 | 1444 |
| 97+50.00 | 0 | 1487 |
| 98+00.00 | 0 | 1560 |
| 98+50.00 | 0 | 1648 |
| 99+00.00 | 0 | 1666 |
| 99+50.00 | 0 | 1665 |
| 100+00.00 | 0 | 1706 |

| Station L | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 100+00.00 | 0 | 0 |
| 100+50.00 | 0 | 1705 |
| 101+00.00 | 0 | 1663 |
| 101+50.00 | 0 | 1618 |
| 102+00.00 | 0 | 1606 |
| 102+50.00 | 0 | 1615 |
| 103+00.00 | 0 | 1626 |
| 103+50.00 | 0 | 1642 |
| 104+00.00 | 0 | 1677 |
| 104+50.00 | 0 | 1757 |
| 105+00.00 | 0 | 1857 |
| 105+50.00 | 0 | 1929 |
| 106+00.00 | 0 | 1981 |
| 106+50.00 | 0 | 2013 |
| 107+00.00 | 0 | 1986 |
| 107+50.00 | 0 | 1946 |
| 108+00.00 | 0 | 1910 |
| 108+50.00 | 0 | 1841 |
| 109+00.00 | 0 | 1779 |
| 109+50.00 | 0 | 1757 |
| 110+00.00 | 0 | 1759 |
| 110+50.00 | 0 | 1742 |
| 111+00.00 | 0 | 1706 |
| 111+50.00 | 0 | 1667 |
| 112+00.00 | 0 | 1617 |
| 112+50.00 | 0 | 1574 |
| 113+00.00 | 0 | 1721 |

| Station L | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 113+50.00 | 0 | 1715 |
| 114+00.00 | 0 | 1545 |
| 114+50.00 | 0 | 1503 |
| 115+00.00 | 0 | 1436 |
| 115+50.00 | 0 | 1397 |
| 116+00.00 | 0 | 1373 |
| 116+50.00 | 0 | 1335 |
| 117+00.00 | 0 | 1296 |
| 117+50.00 | 0 | 1272 |
| 118+00.00 | 0 | 1231 |
| 118+50.00 | 0 | 1170 |
| 119+00.00 | 0 | 1102 |
| 119+50.00 | 0 | 1049 |
| 120+00.00 | 0 | 1019 |
| 120+50.00 | 0 | 1001 |
| 121+00.00 | 0 | 988 |
| 121+50.00 | 0 | 981 |
| 122+00.00 | 0 | 1063 |
| 122+50.00 | 0 | 1216 |
| 123+00.00 | 0 | 1281 |
| 123+50.00 | 0 | 1253 |
| 124+00.00 | 0 | 1219 |
| 124+50.00 | 0 | 1239 |
| 125+00.00 | 0 | 1242 |
| 125+50.00 | 0 | 1148 |
| 126+00.00 | 0 | 1038 |
| 126+50.00 | 0 | 956 |
| 127+00.00 | 0 | 876 |
| 127+50.00 | 13 | 835 |
| 128+00.00 | 47 | 641 |
| 128+50.00 | 69 | 394 |
| 129+00.00 | 72 | 226 |
| 129+50.00 | 92 | 67 |
| 130+00.00 | 159 | 19 |
| 130+50.00 | 114 | 19 |
| 130+69.90 | 7 | 10 |

| Station Y | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 11+25.00 | 0 | 0 |
| 11+50.00 | 0 | 1518 |
| 12+00.00 | 0 | 2783 |
| 12+50.00 | 0 | 1958 |
| 13+00.00 | 0 | 856 |
| 13+50.00 | 2 | 267 |
| 14+00.00 | 3 | 169 |
| 14+50.00 | 6 | 88 |
| 15+00.00 | 17 | 31 |
| 15+50.00 | 29 | 20 |
| 16+00.00 | 19 | 11 |
| 16+50.00 | 7 | 13 |
| 17+00.00 | 6 | 34 |

| Station Y | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 17+50.00 | 4 | 22 |
| 18+00.00 | 8 | 3 |
| 18+50.00 | 20 | 6 |
| 19+00.00 | 31 | 14 |
| 19+50.00 | 34 | 16 |
| 20+00.00 | 42 | 9 |
| 20+50.00 | 45 | 11 |
| 21+00.00 | 44 | 10 |
| 21+50.00 | 44 | 9 |
| 22+00.00 | 32 | 8 |
| 22+50.00 | 40 | 4 |
| 23+00.00 | 45 | 18 |
| 23+50.00 | 27 | 39 |
| 24+00.00 | 38 | 77 |
| 24+50.00 | 29 | 105 |

| Station Y1 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+50.00 | 0 | 0 |
| 11+00.00 | 12 | 5 |
| 11+50.00 | 15 | 9 |
| 12+00.00 | 16 | 6 |
| 12+50.00 | 15 | 6 |
| 13+00.00 | 13 | 6 |
| 13+50.00 | 34 | 2 |
| 14+00.00 | 37 | 1 |
| 14+50.00 | 22 | 1 |
| 15+00.00 | 17 | 12 |
| 15+50.00 | 6 | 20 |
| 16+00.00 | 8 | 13 |
| 16+50.00 | 8 | 18 |
| 17+00.00 | 13 | 26 |
| 17+50.00 | 22 | 30 |
| 18+00.00 | 43 | 82 |
| 18+50.00 | 75 | 118 |
| 19+00.00 | 101 | 78 |
| 19+50.00 | 103 | 56 |
| 20+00.00 | 193 | 62 |
| 20+50.00 | 324 | 63 |
| 21+00.00 | 354 | 62 |
| 21+50.00 | 328 | 59 |
| 22+00.00 | 305 | 51 |
| 22+50.00 | 303 | 44 |
| 23+00.00 | 297 | 39 |
| 23+50.00 | 267 | 33 |
| 24+00.00 | 151 | 36 |
| 24+50.00 | 49 | 43 |
| 25+00.00 | 27 | 48 |
| 25+50.00 | 169 | 44 |

| PROJ. REFERENCE NO. | SHEET NO. |
|---|---|
| R-3324 | X-1B |

# STATE OF NORTH CAROLINA
# DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

## *CROSS-SECTION SUMMARY*

| Station Y1 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 25+50.00 | 0 | 0 |
| 26+00.00 | 308 | 37 |
| 26+50.00 | 294 | 41 |
| 27+00.00 | 306 | 21 |
| 27+50.00 | 291 | 19 |
| 28+00.00 | 248 | 44 |
| 28+50.00 | 265 | 41 |
| 29+00.00 | 292 | 34 |
| 29+50.00 | 205 | 19 |
| 30+00.00 | 97 | 17 |
| 30+50.00 | 85 | 32 |
| 31+00.00 | 72 | 35 |
| 31+50.00 | 56 | 47 |
| 32+00.00 | 63 | 28 |
| 32+50.00 | 45 | 2 |
| 33+00.00 | 20 | 2 |
| 33+50.00 | 6 | 2 |
| 34+00.00 | 2 | 31 |
| 34+50.00 | 18 | 72 |
| 35+00.00 | 37 | 88 |
| 35+50.00 | 47 | 84 |
| 36+00.00 | 81 | 48 |
| 36+50.00 | 117 | 21 |
| 37+00.00 | 78 | 19 |
| 37+50.00 | 42 | 19 |
| 38+00.00 | 38 | 26 |
| 38+50.00 | 41 | 18 |
| 39+00.00 | 45 | 7 |
| 39+50.00 | 54 | 8 |
| 40+00.00 | 89 | 5 |
| 40+50.00 | 124 | 0 |
| 41+00.00 | 76 | 1 |
| 41+50.00 | 67 | 1 |
| 42+00.00 | 82 | 9 |
| 42+50.00 | 93 | 30 |
| 43+00.00 | 126 | 49 |
| 43+50.00 | 114 | 46 |
| 44+00.00 | 156 | 37 |
| 44+50.00 | 228 | 19 |
| 45+00.00 | 319 | 7 |
| 45+50.00 | 390 | 7 |
| 46+00.00 | 319 | 8 |
| 46+50.00 | 200 | 18 |
| 47+00.00 | 130 | 12 |
| 47+50.00 | 50 | 4 |
| 48+00.00 | 57 | 3 |
| 48+50.00 | 73 | 6 |
| 49+00.00 | 40 | 11 |
| 49+50.00 | 44 | 10 |
| 49+70.00 | 10 | 2 |

| Station Y2 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 16+50.00 | 0 | 0 |
| 17+00.00 | 8 | 8 |
| 17+50.00 | 22 | 11 |
| 18+00.00 | 50 | 8 |
| 18+50.00 | 55 | 16 |
| 19+00.00 | 34 | 26 |
| 19+50.00 | 43 | 23 |
| 20+00.00 | 44 | 19 |
| 20+50.00 | 55 | 15 |
| 21+00.00 | 65 | 12 |
| 21+50.00 | 50 | 16 |
| 22+00.00 | 49 | 22 |
| 22+50.00 | 37 | 32 |
| 23+00.00 | 20 | 36 |
| 23+50.00 | 17 | 34 |
| 24+00.00 | 13 | 33 |
| 24+50.00 | 11 | 33 |
| 25+00.00 | 12 | 60 |
| 25+50.00 | 16 | 85 |
| 26+00.00 | 23 | 84 |
| 26+50.00 | 27 | 81 |
| 27+00.00 | 23 | 74 |
| 27+50.00 | 18 | 72 |
| 28+00.00 | 16 | 52 |
| 28+50.00 | 19 | 30 |
| 29+00.00 | 25 | 46 |
| 29+50.00 | 30 | 67 |
| 30+00.00 | 29 | 69 |
| 30+50.00 | 21 | 60 |
| 31+00.00 | 12 | 64 |
| 31+50.00 | 8 | 78 |
| 32+00.00 | 7 | 94 |
| 32+50.00 | 12 | 106 |
| 33+00.00 | 27 | 104 |
| 33+50.00 | 57 | 100 |
| 34+00.00 | 129 | 114 |
| 34+50.00 | 186 | 169 |
| 35+00.00 | 189 | 202 |
| 35+50.00 | 174 | 189 |
| 36+00.00 | 143 | 169 |
| 36+50.00 | 143 | 145 |
| 37+00.00 | 161 | 117 |
| 37+50.00 | 145 | 121 |
| 38+00.00 | 144 | 150 |
| 38+50.00 | 144 | 153 |
| 39+00.00 | 140 | 149 |
| 39+50.00 | 148 | 149 |
| 40+00.00 | 129 | 148 |
| 40+50.00 | 115 | 147 |
| 41+00.00 | 119 | 151 |
| 41+50.00 | 116 | 161 |
| 42+00.00 | 107 | 169 |
| 42+50.00 | 94 | 165 |

| Station Y2 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 43+00.00 | 91 | 156 |
| 43+50.00 | 105 | 150 |
| 44+00.00 | 111 | 145 |
| 44+50.00 | 113 | 129 |
| 45+00.00 | 115 | 114 |
| 45+50.00 | 117 | 109 |
| 46+00.00 | 117 | 108 |
| 46+50.00 | 116 | 110 |

| Station Y2 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 46+50.00 | 0 | 0 |
| 47+00.00 | 129 | 109 |
| 47+50.00 | 121 | 106 |
| 48+00.00 | 94 | 101 |
| 48+50.00 | 79 | 106 |
| 49+00.00 | 105 | 112 |
| 49+50.00 | 134 | 107 |
| 50+00.00 | 138 | 102 |
| 50+50.00 | 134 | 100 |
| 51+00.00 | 127 | 98 |
| 51+50.00 | 145 | 96 |
| 52+00.00 | 173 | 98 |
| 52+50.00 | 186 | 94 |
| 53+00.00 | 195 | 80 |
| 53+50.00 | 207 | 71 |
| 54+00.00 | 187 | 70 |
| 54+50.00 | 187 | 81 |
| 55+00.00 | 202 | 93 |
| 55+50.00 | 174 | 96 |
| 56+00.00 | 183 | 99 |
| 56+50.00 | 197 | 107 |
| 57+00.00 | 182 | 112 |
| 57+50.00 | 170 | 106 |
| 58+00.00 | 165 | 97 |
| 58+50.00 | 191 | 87 |
| 59+00.00 | 224 | 83 |
| 59+50.00 | 220 | 87 |
| 60+00.00 | 204 | 90 |
| 60+50.00 | 232 | 92 |
| 61+00.00 | 206 | 97 |
| 61+50.00 | 140 | 102 |
| 62+00.00 | 113 | 98 |
| 62+50.00 | 89 | 81 |
| 63+00.00 | 83 | 69 |
| 63+50.00 | 107 | 76 |
| 64+00.00 | 144 | 82 |
| 64+50.00 | 105 | 84 |
| 65+00.00 | 120 | 70 |
| 65+50.00 | 132 | 62 |
| 66+00.00 | 88 | 67 |
| 66+50.00 | 96 | 68 |

| Station Y2 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 67+00.00 | 93 | 75 |
| 67+50.00 | 87 | 75 |
| 68+00.00 | 106 | 71 |
| 68+50.00 | 124 | 74 |
| 69+00.00 | 114 | 84 |
| 69+50.00 | 109 | 72 |
| 70+00.00 | 123 | 51 |
| 70+50.00 | 168 | 43 |
| 71+00.00 | 256 | 35 |
| 71+50.00 | 316 | 35 |
| 72+00.00 | 321 | 41 |
| 72+50.00 | 243 | 68 |
| 73+00.00 | 261 | 85 |
| 73+50.00 | 344 | 86 |
| 74+00.00 | 315 | 92 |
| 74+50.00 | 306 | 70 |
| 75+00.00 | 261 | 74 |
| 75+50.00 | 169 | 70 |
| 76+00.00 | 104 | 43 |
| 76+50.00 | 112 | 32 |

| Station Y2 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 76+50.00 | 0 | 0 |
| 77+00.00 | 113 | 39 |
| 77+50.00 | 69 | 64 |
| 78+00.00 | 34 | 74 |
| 78+50.00 | 35 | 75 |
| 79+00.00 | 38 | 71 |
| 79+50.00 | 19 | 69 |
| 80+00.00 | 10 | 68 |
| 80+50.00 | 4 | 63 |
| 81+00.00 | 5 | 55 |
| 81+50.00 | 11 | 46 |
| 82+00.00 | 19 | 37 |
| 82+50.00 | 13 | 26 |
| 83+00.00 | 6 | 16 |

| Station Y3A | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+50.00 | 0 | 0 |
| 11+00.00 | 0 | 166 |
| 11+50.00 | 0 | 116 |
| 12+00.00 | 0 | 141 |
| 12+50.00 | 0 | 114 |
| 13+00.00 | 0 | 46 |
| 13+50.00 | 0 | 30 |
| 14+00.00 | 0 | 17 |
| 14+50.00 | 1 | 12 |
| 15+00.00 | 4 | 11 |

| Station Y3A | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 15+50.00 | 3 | 12 |
| 16+00.00 | 0 | 21 |
| 16+50.00 | 0 | 36 |
| 17+00.00 | 1 | 33 |
| 17+50.00 | 9 | 16 |
| 18+00.00 | 31 | 13 |
| 18+50.00 | 38 | 18 |
| 19+00.00 | 30 | 15 |
| 19+50.00 | 18 | 8 |
| 20+00.00 | 6 | 3 |

| Station Y4 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+50.00 | 0 | 0 |
| 11+00.00 | 93 | 134 |
| 11+50.00 | 187 | 23 |
| 12+00.00 | 197 | 25 |
| 12+50.00 | 171 | 47 |
| 13+00.00 | 112 | 38 |
| 13+50.00 | 71 | 47 |
| 14+00.00 | 49 | 102 |
| 14+50.00 | 42 | 162 |
| 15+00.00 | 40 | 232 |
| 15+50.00 | 31 | 271 |
| 16+00.00 | 12 | 223 |
| 16+50.00 | 6 | 119 |
| 17+00.00 | 8 | 61 |
| 17+50.00 | 4 | 49 |
| 18+00.00 | 3 | 49 |
| 18+50.00 | 5 | 43 |
| 19+00.00 | 6 | 34 |
| 19+50.00 | 11 | 20 |

| Station Y5 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+46.00 | 0 | 0 |
| 10+50.00 | 1 | 1 |
| 10+75.00 | 6 | 1 |
| 11+00.00 | 9 | 2 |
| 11+25.00 | 5 | 9 |
| 11+50.00 | 3 | 16 |
| 11+75.00 | 2 | 17 |
| 12+00.00 | 2 | 11 |
| 12+25.00 | 2 | 6 |
| 12+50.00 | 3 | 3 |
| 12+75.00 | 2 | 0 |

| Station Dr1 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+26.32 | 0 | 0 |
| 10+50.00 | 0 | 45 |
| 11+00.00 | 0 | 91 |
| 11+50.00 | 7 | 48 |
| 12+00.00 | 15 | 9 |
| 12+50.00 | 16 | 21 |
| 13+00.00 | 15 | 37 |
| 13+50.00 | 14 | 39 |
| 14+00.00 | 13 | 33 |
| 14+50.00 | 13 | 18 |
| 14+58.05 | 1 | 1 |

| Station Det1 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 12+00.00 | 0 | 0 |
| 12+50.00 | 31 | 2 |
| 13+00.00 | 36 | 1 |
| 13+50.00 | 70 | 0 |
| 14+00.00 | 96 | 0 |
| 14+50.00 | 72 | 51 |
| 15+00.00 | 41 | 225 |
| 15+50.00 | 32 | 332 |
| 16+00.00 | 26 | 237 |
| 16+50.00 | 16 | 135 |
| 17+00.00 | 16 | 79 |
| 17+50.00 | 41 | 22 |
| 18+00.00 | 44 | 5 |
| 18+50.00 | 17 | 15 |
| 19+00.00 | 12 | 14 |
| 19+50.00 | 8 | 30 |
| 20+00.00 | 4 | 63 |
| 20+50.00 | 14 | 48 |
| 21+00.00 | 16 | 43 |
| 21+50.00 | 12 | 47 |
| 22+00.00 | 14 | 30 |
| 22+50.00 | 16 | 25 |
| 23+00.00 | 12 | 19 |
| 23+50.00 | 3 | 8 |

| Station Det2 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+16.33 | 0 | 0 |
| 10+50.00 | 29 | 2 |
| 11+00.00 | 42 | 3 |
| 11+42.31 | 20 | 6 |

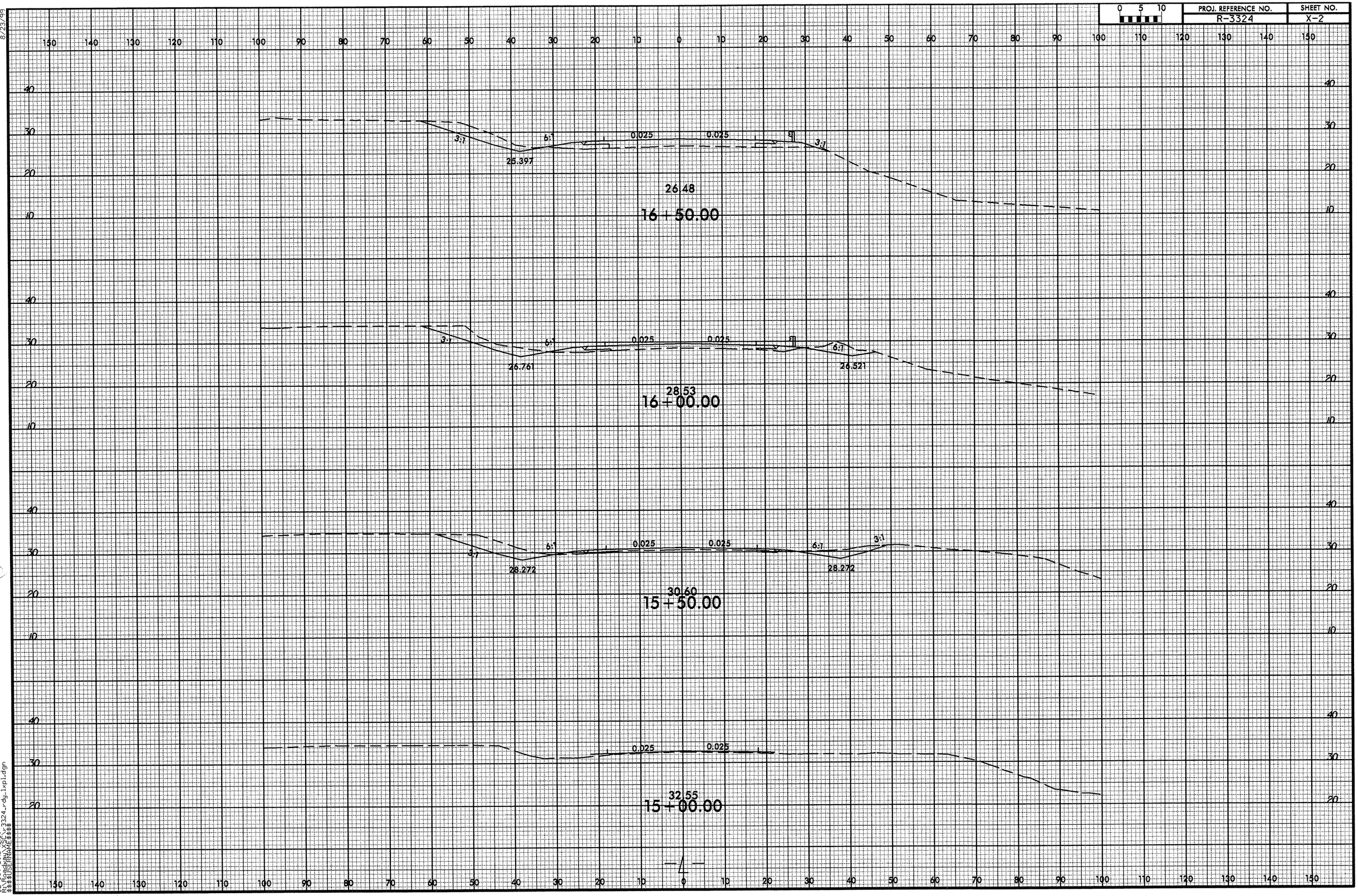
| PROJ. REFERENCE NO. | SHEET NO. |
|---|---|
| R-3324 | X-1C |

# STATE OF NORTH CAROLINA
# DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

## *CROSS-SECTION SUMMARY*

| Station Det2 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 12+00.00 | 0 | 0 |
| 12+50.00 | 22 | 8 |
| 13+00.00 | 17 | 8 |
| 13+50.00 | 71 | 5 |
| 14+00.00 | 198 | 2 |
| 14+50.00 | 292 | 8 |
| 15+00.00 | 314 | 10 |
| 15+50.00 | 165 | 2 |
| 16+00.00 | 2 | 2 |
| 16+50.00 | 4 | 24 |
| 17+00.00 | 0 | 37 |
| 17+50.00 | 21 | 15 |
| 18+00.00 | 20 | 0 |

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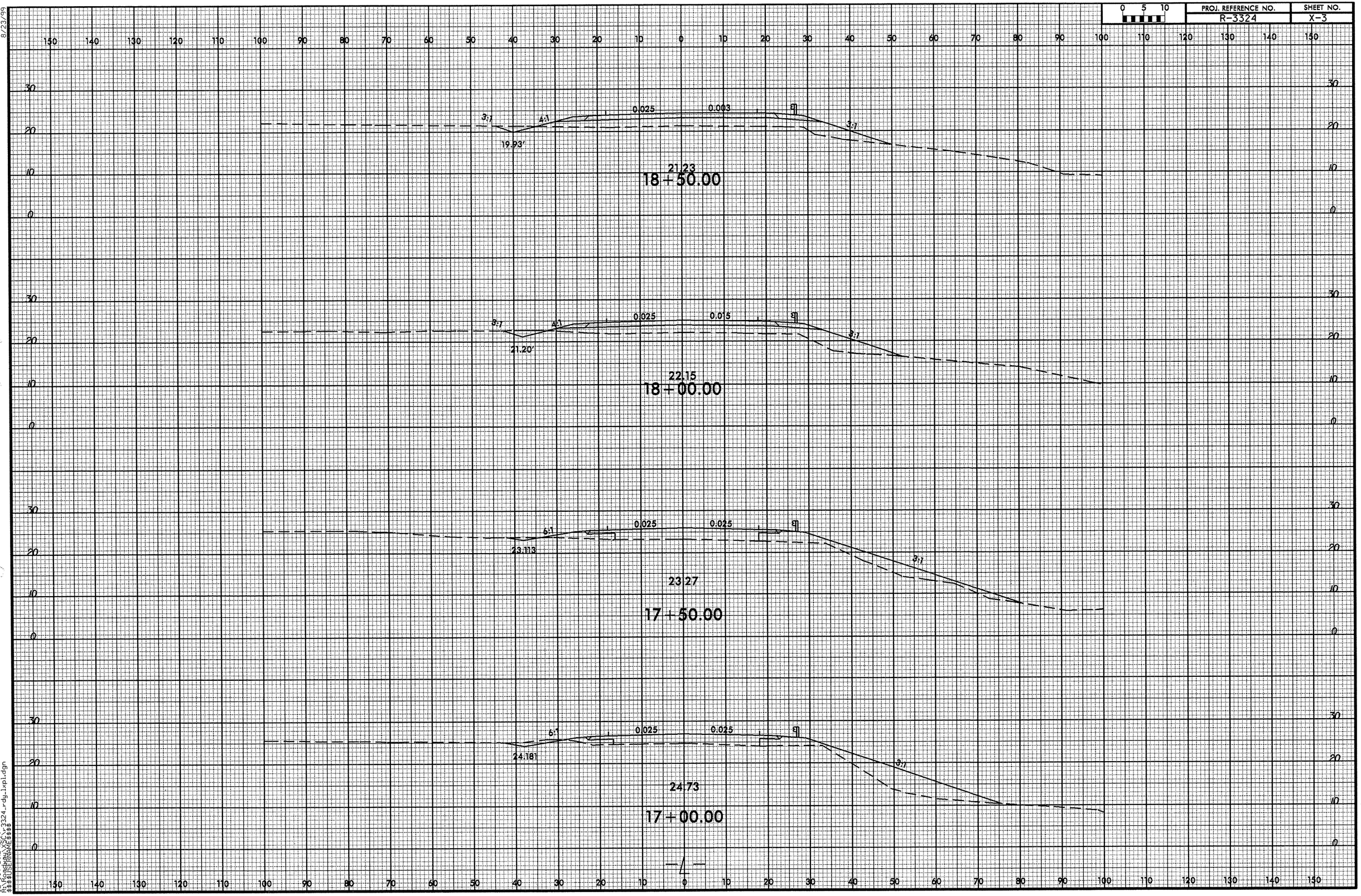
8/23/99

| 0 5 10 | PROJ. REFERENCE NO. | SHEET NO. |
|---|---|---|
| | R-3324 | X-3 |

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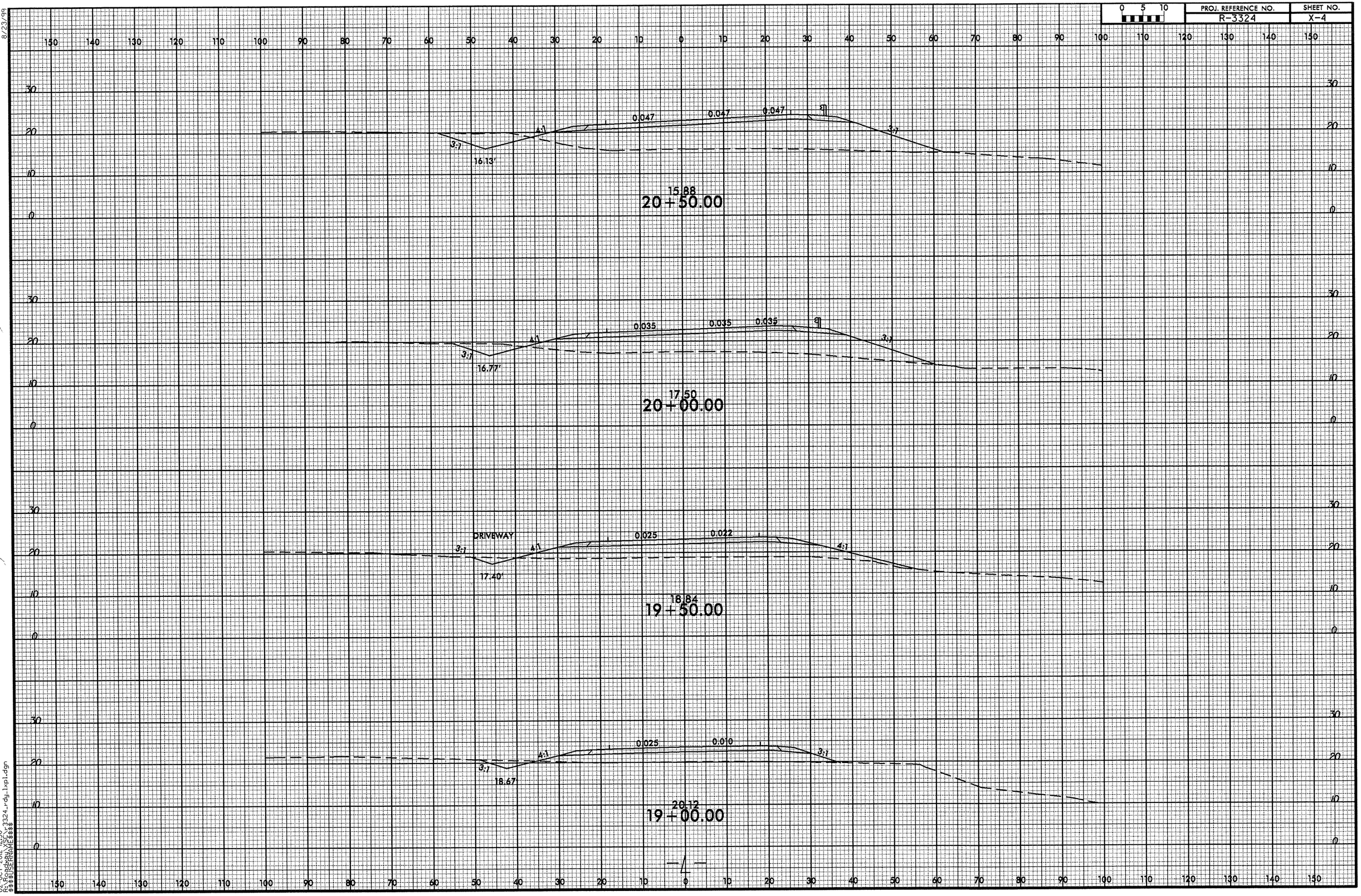


8/23/99

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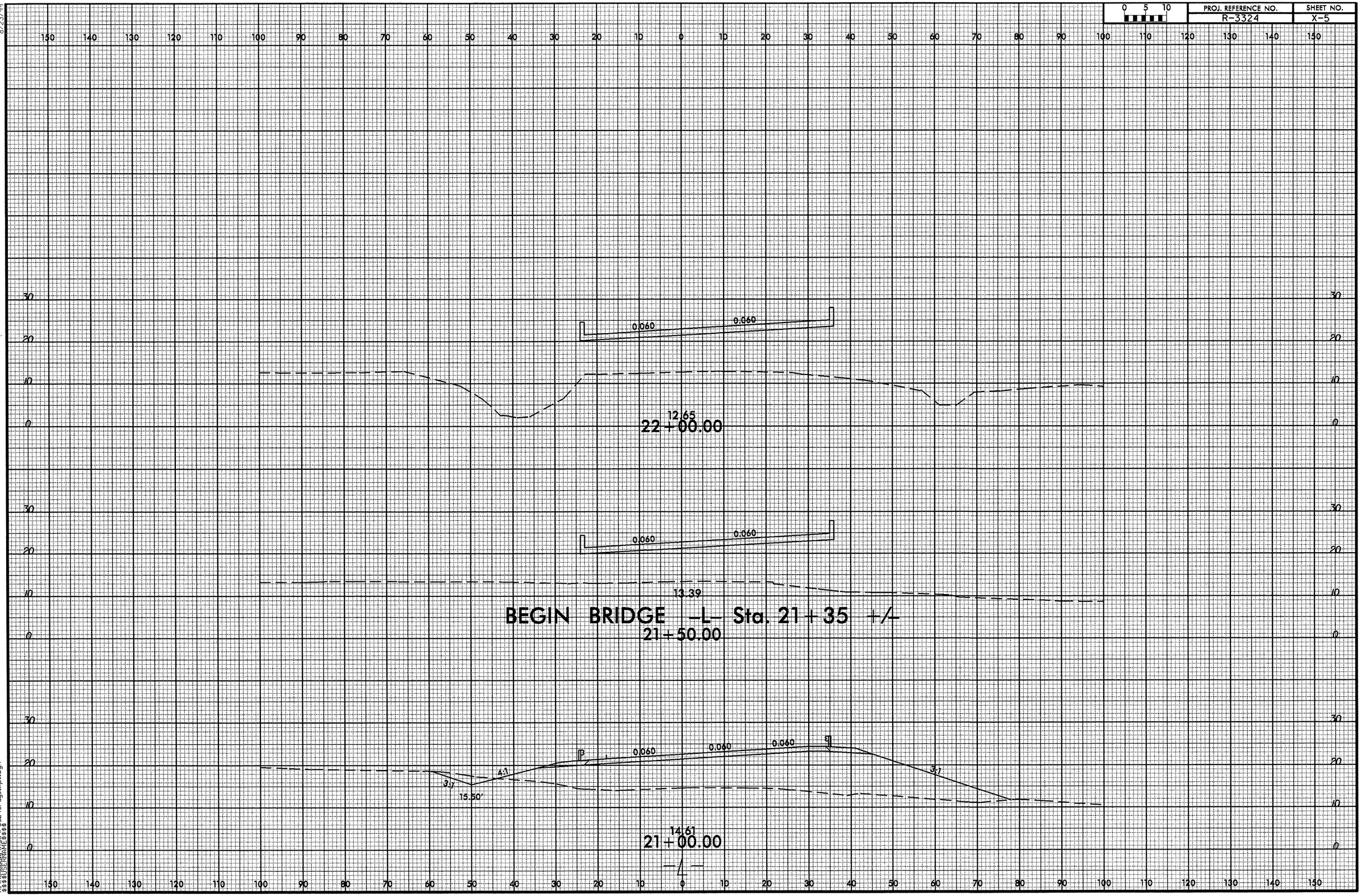


8/23/99
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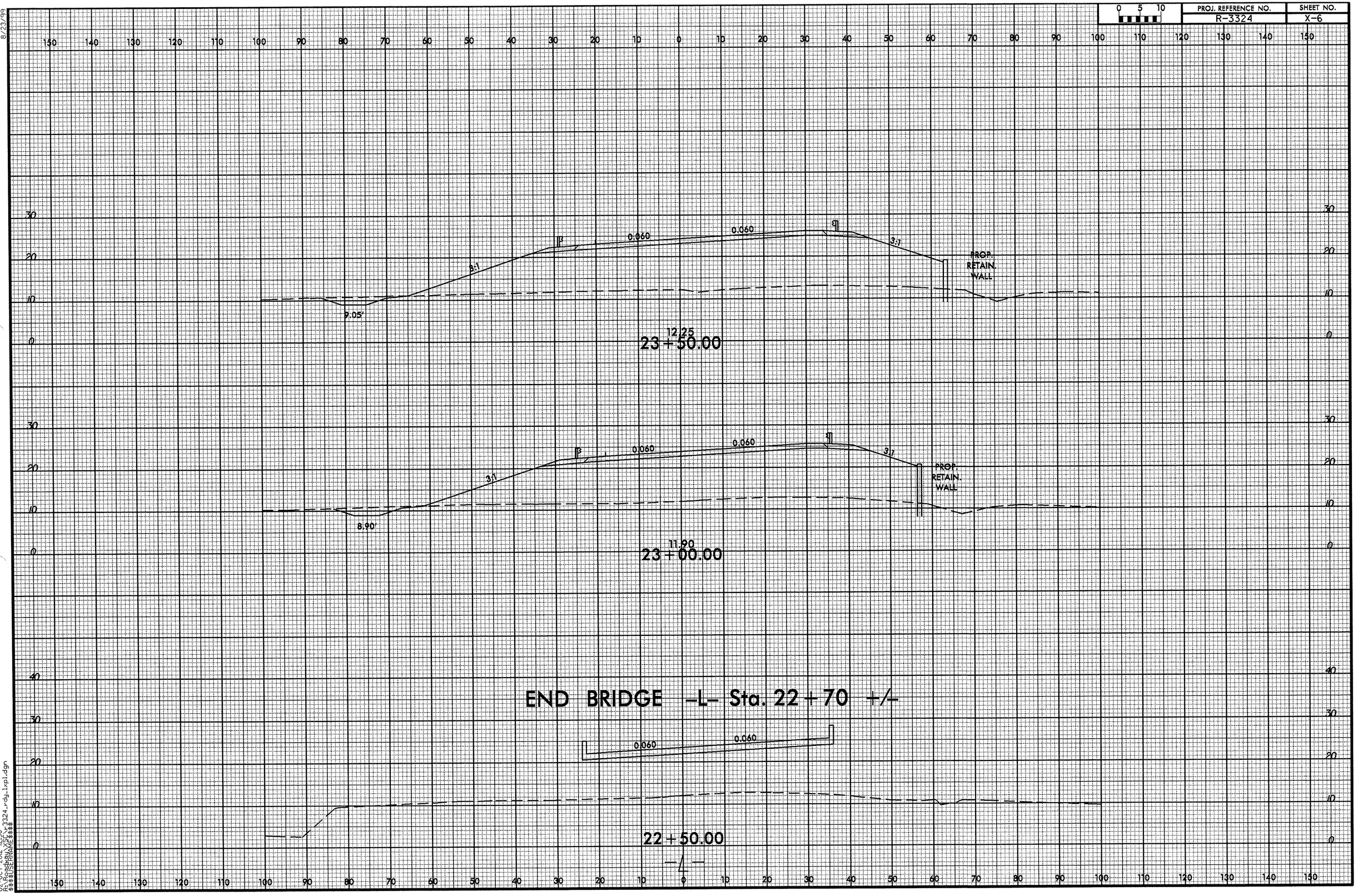
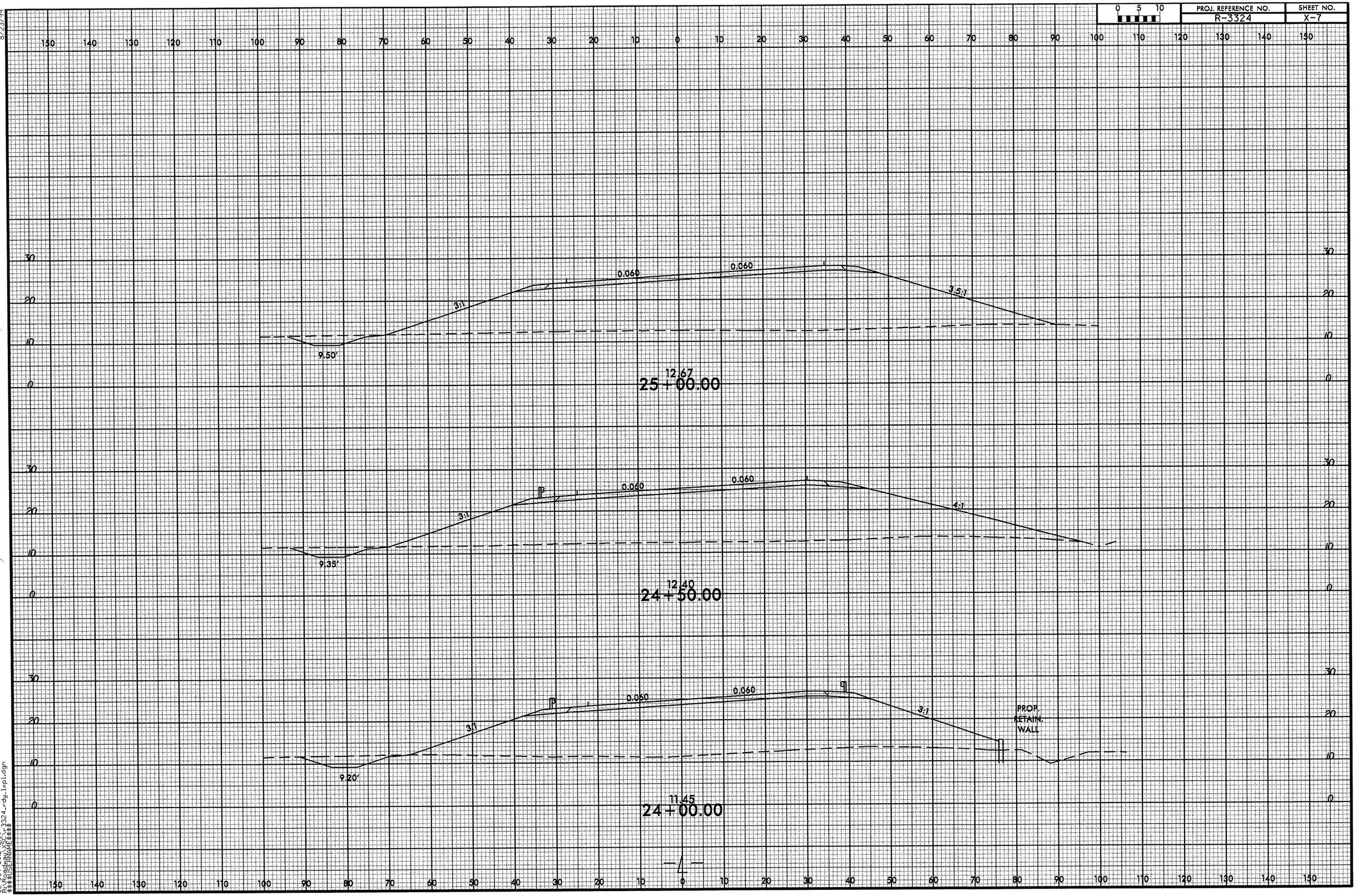


0 5 10
PROJ. REFERENCE NO.
R-3324
SHEET NO.
X-6
8/23/99
0.060
0.060
3:1
3:1
9.05'
PROP. RETAIN. WALL
12.25
23+50.00
0.060
0.060
3:1
3:1
8.90'
PROP. RETAIN. WALL
11.90
23+00.00
END BRIDGE -L- Sta. 22+70 +/-
0.060
0.060
22+50.00
-L-
02-OCT-2012 12:30
R:\Roadway\XSC\r3324_rdy_lxpl.dgn
$$$$USERNAME$$$$



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02-OCT-2012 12:30
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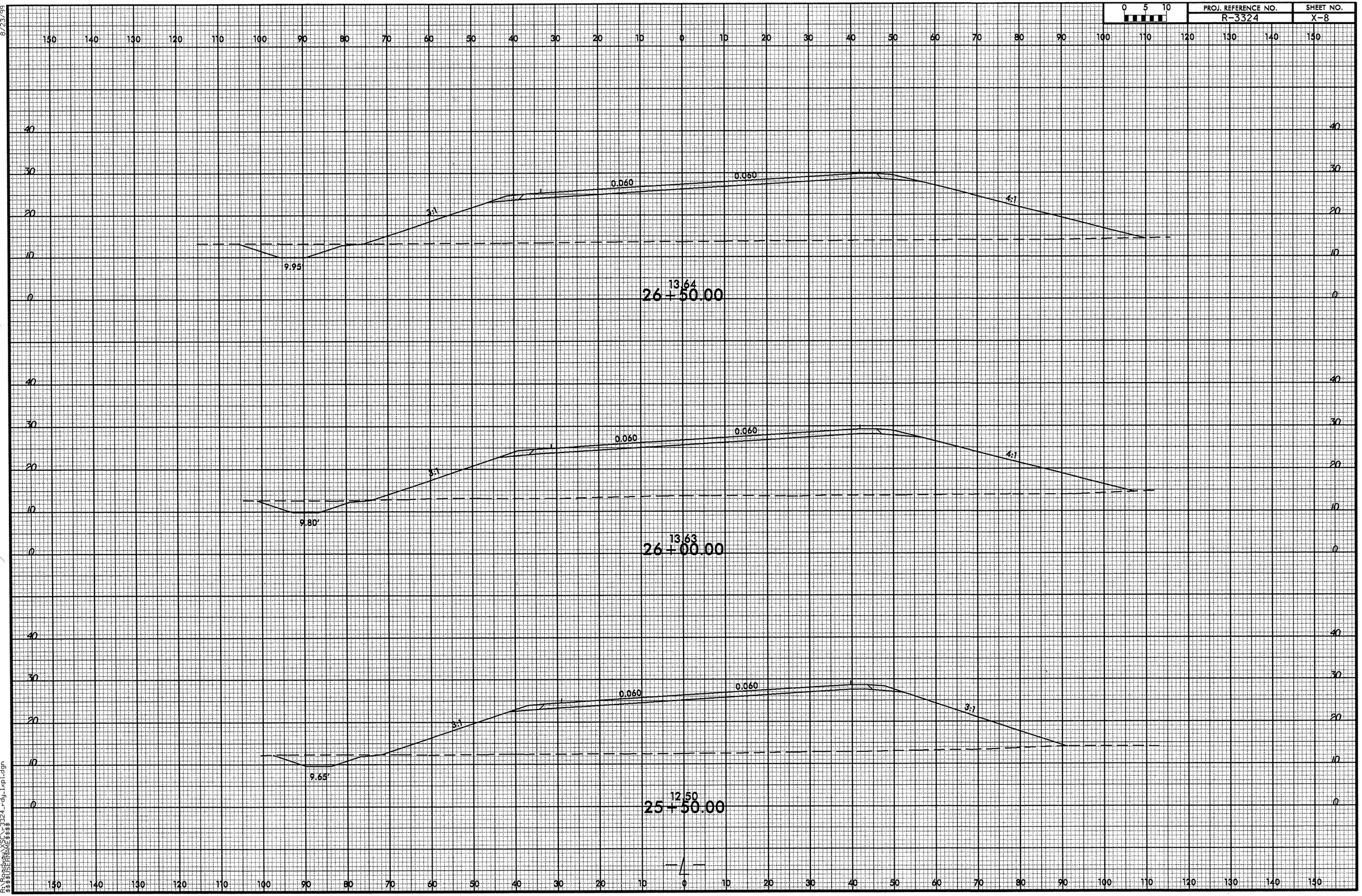




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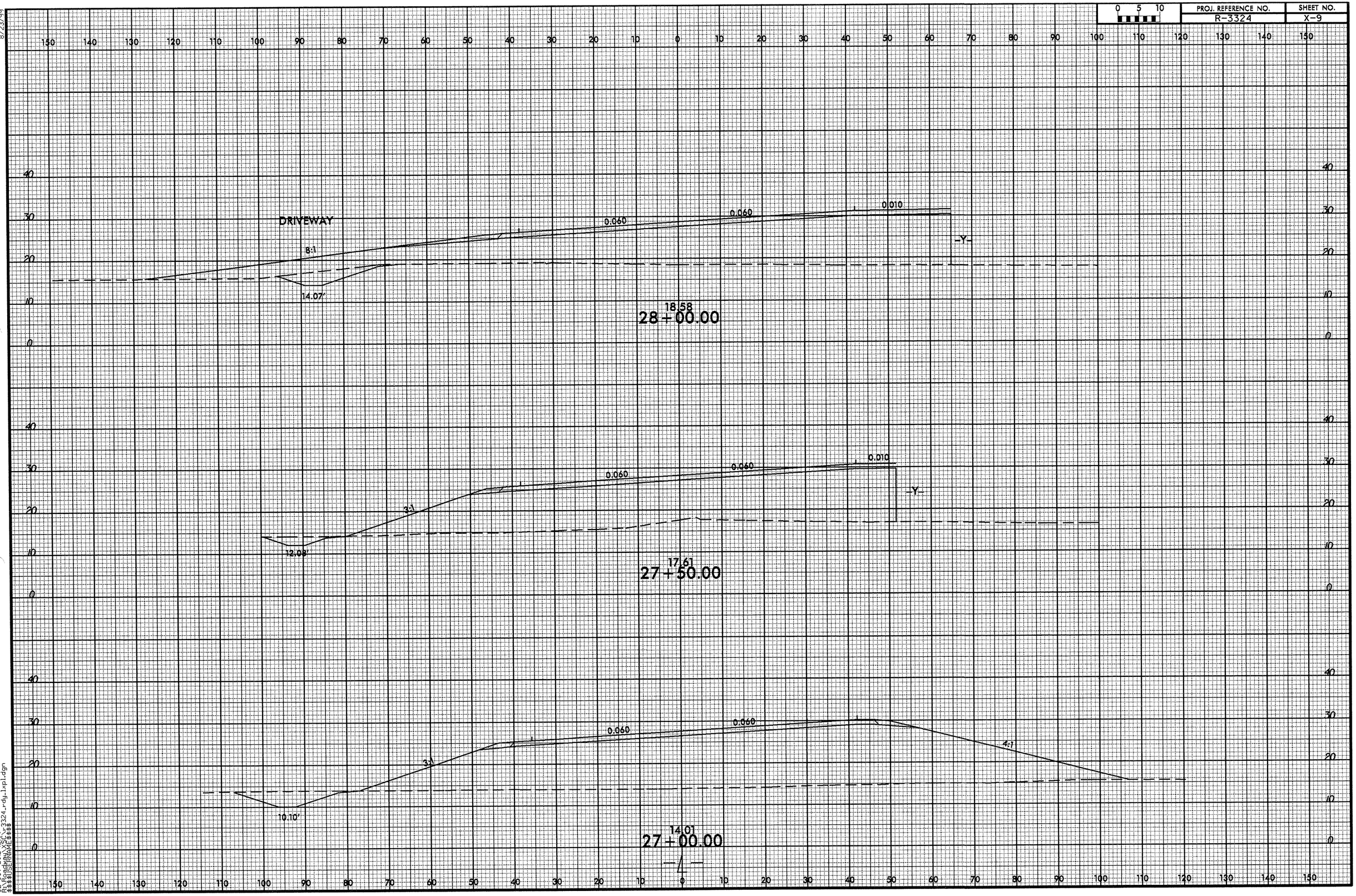


8/23/99
02-OCT-2012 12:30
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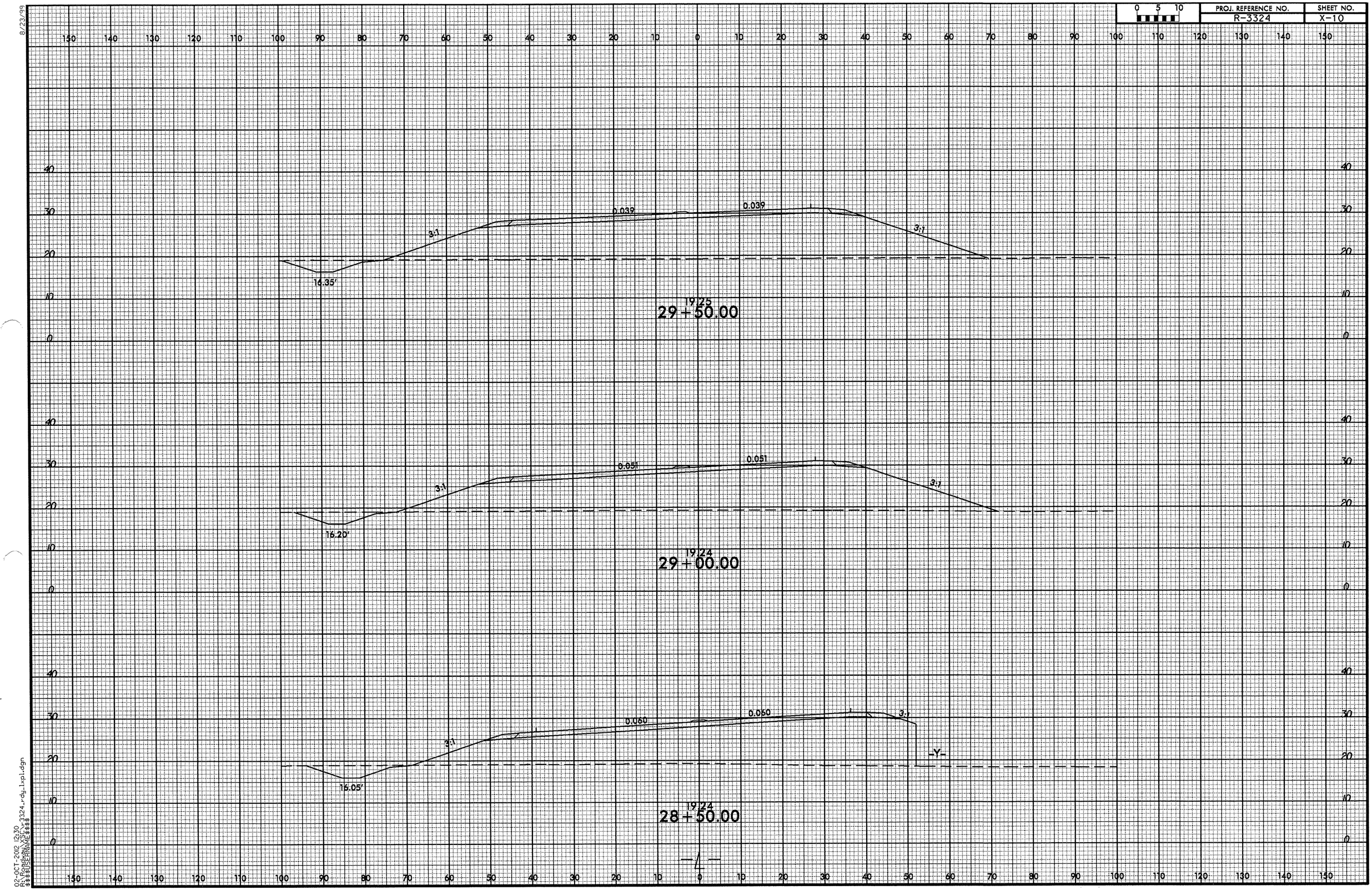
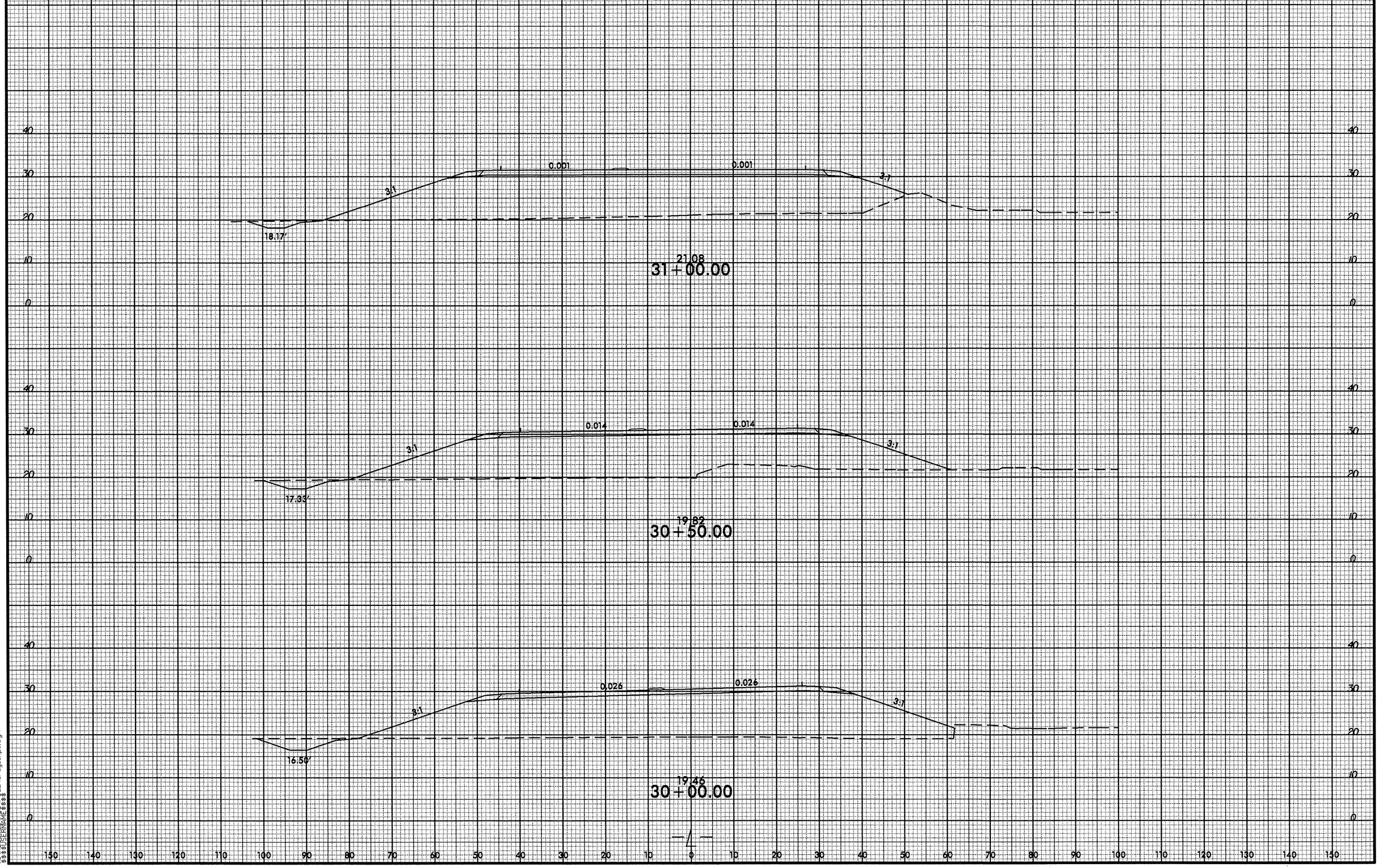


0 5 10
PROJ. REFERENCE NO.
R-3324
SHEET NO.
X-10
8/23/99
0.039
0.039
3:1
3:1
16.35'
19.25
29+50.00
0.051
0.051
3:1
3:1
16.20'
19.24
29+00.00
0.060
0.060
3:1
3:1
-Y-
16.05'
19.24
28+50.00
-L-
02-OCT-2012 12:30
R:\Roadway\XSC\r3324_rdy_lxpl.dgn
$$$$USERNAME$$$$

8/23/99

| 0 5 10 | PROJ. REFERENCE NO. | SHEET NO. |
|---|---|---|
| | R-3324 | X-11 |




-4-

02-OCT-2012 12:30
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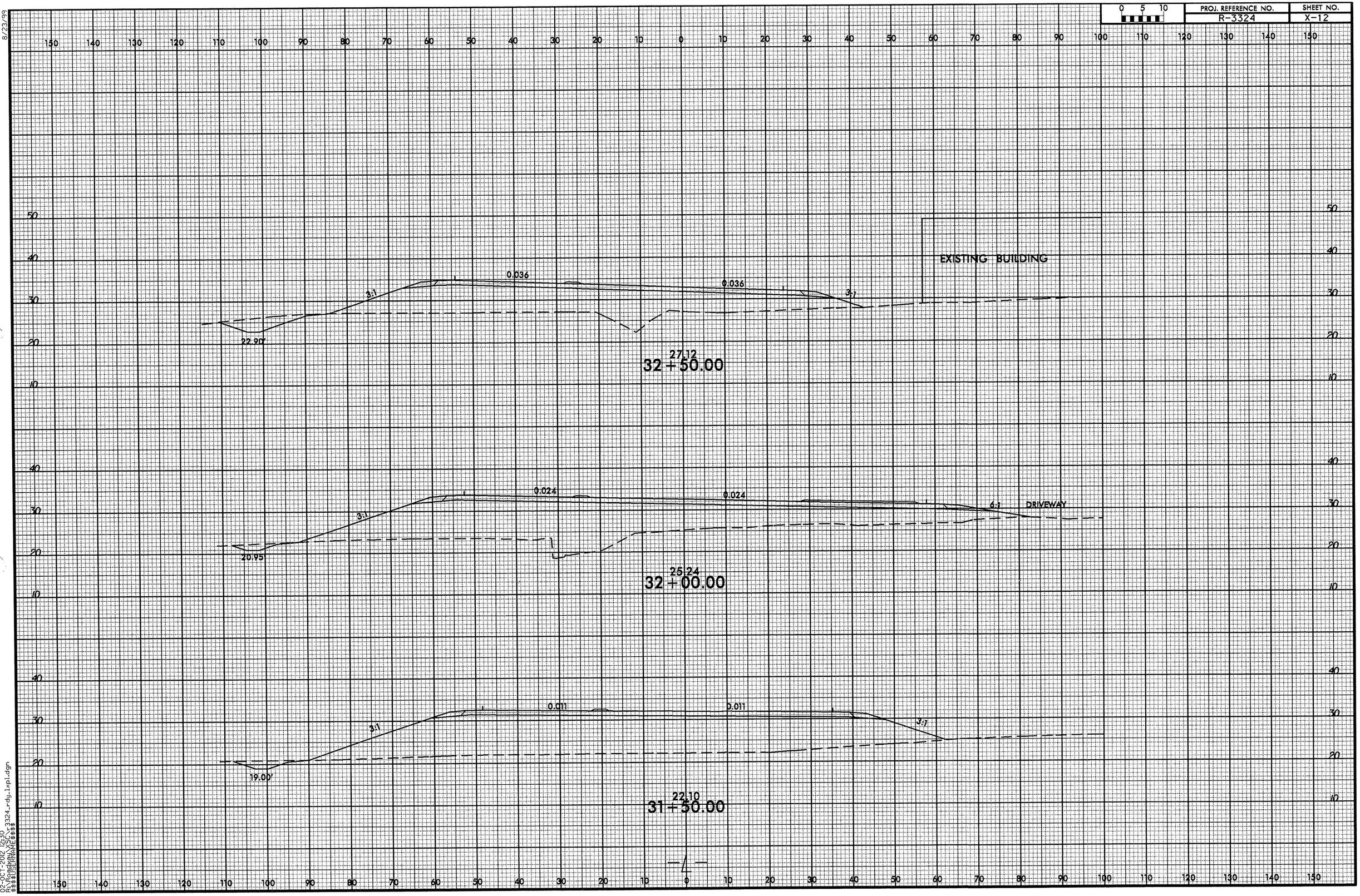
| 0 5 10 | PROJ. REFERENCE NO. | SHEET NO. |
|---|---|---|
| | R-3324 | X-12 |



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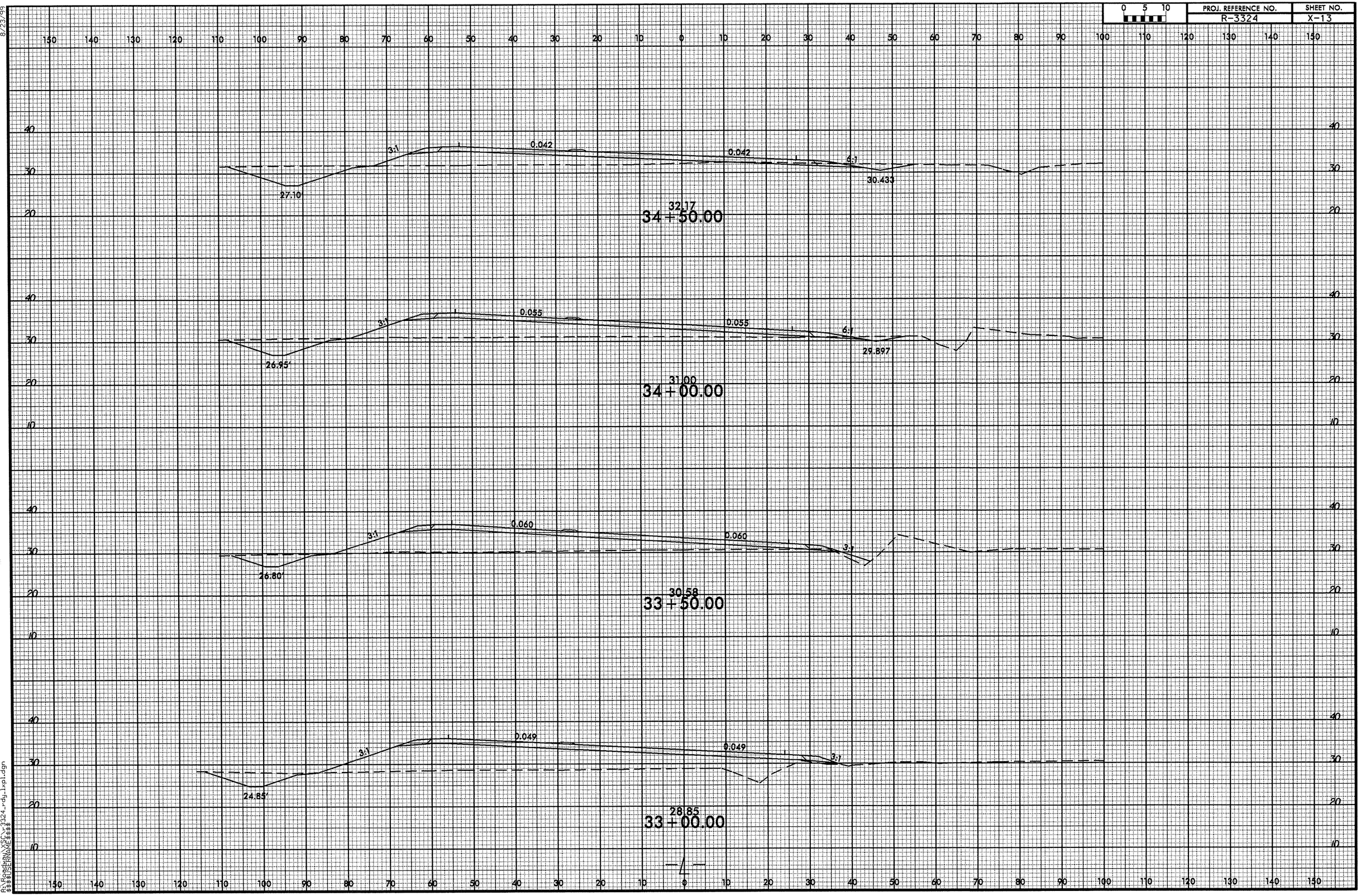




8/23/99
02-OCT-2012 12:30
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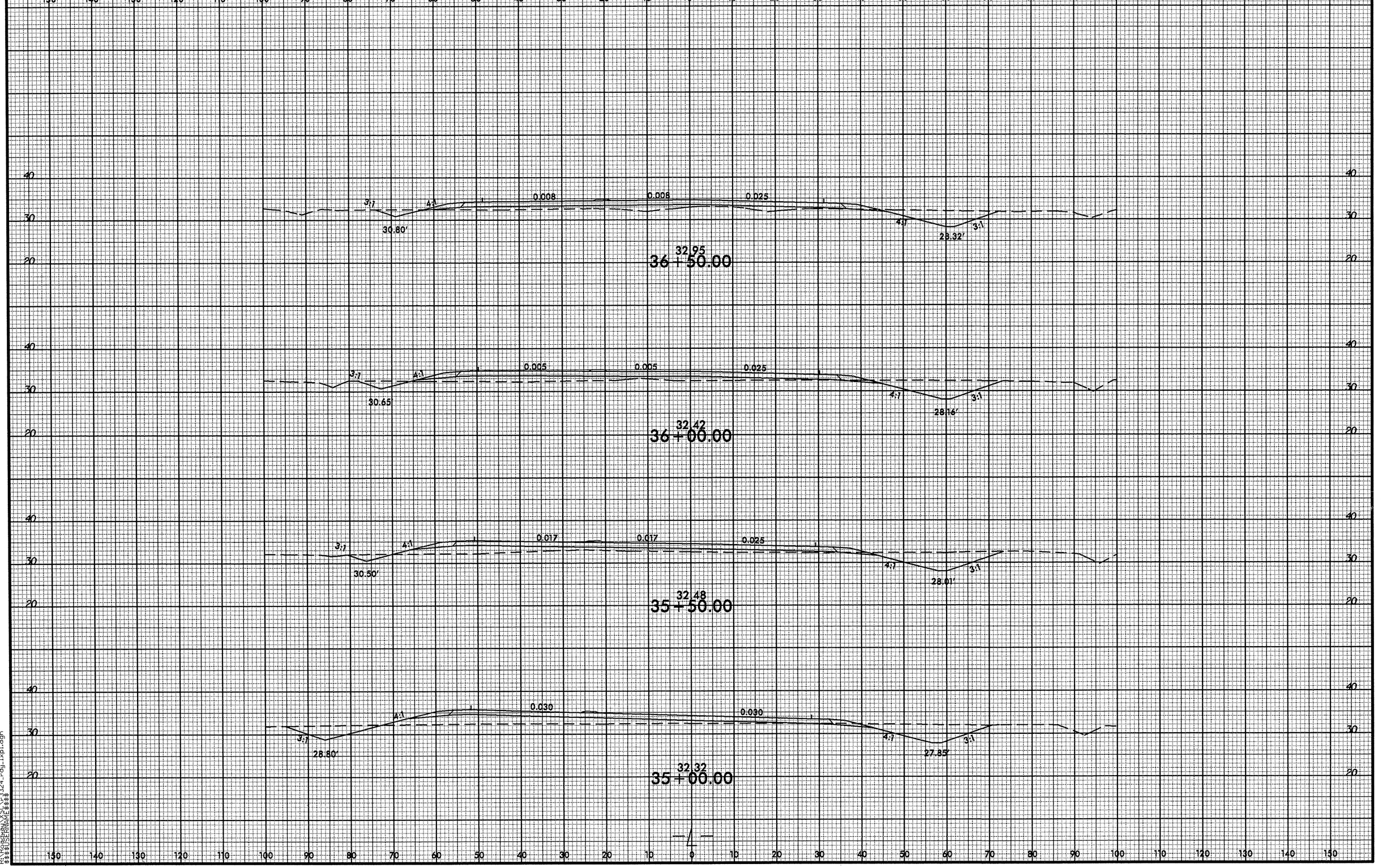
| 0 5 10 | PROJ. REFERENCE NO. | SHEET NO. |
|---|---|---|
| | R-3324 | X-14 |






8/23/99
02-OCT-2012 12:30
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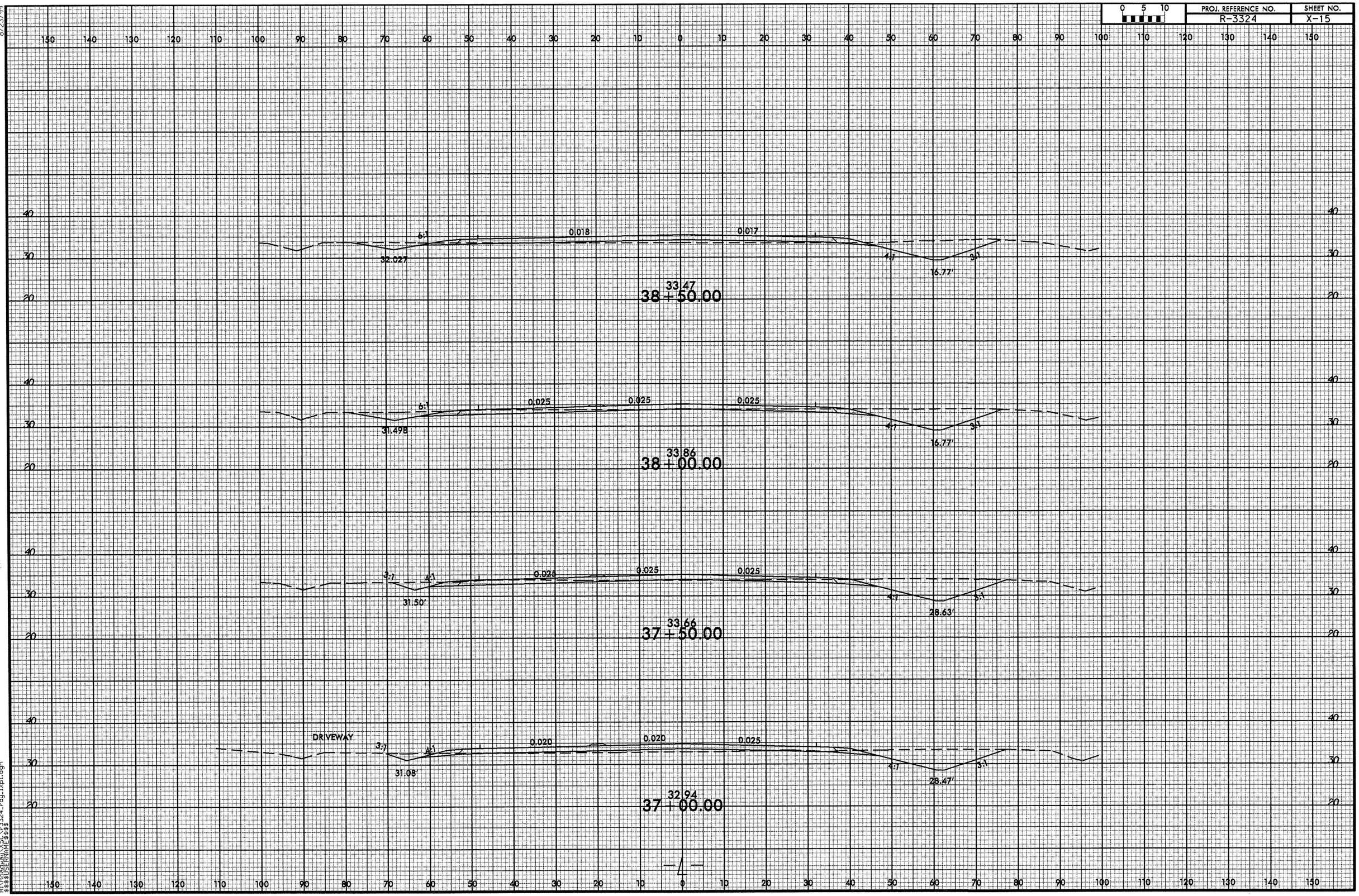
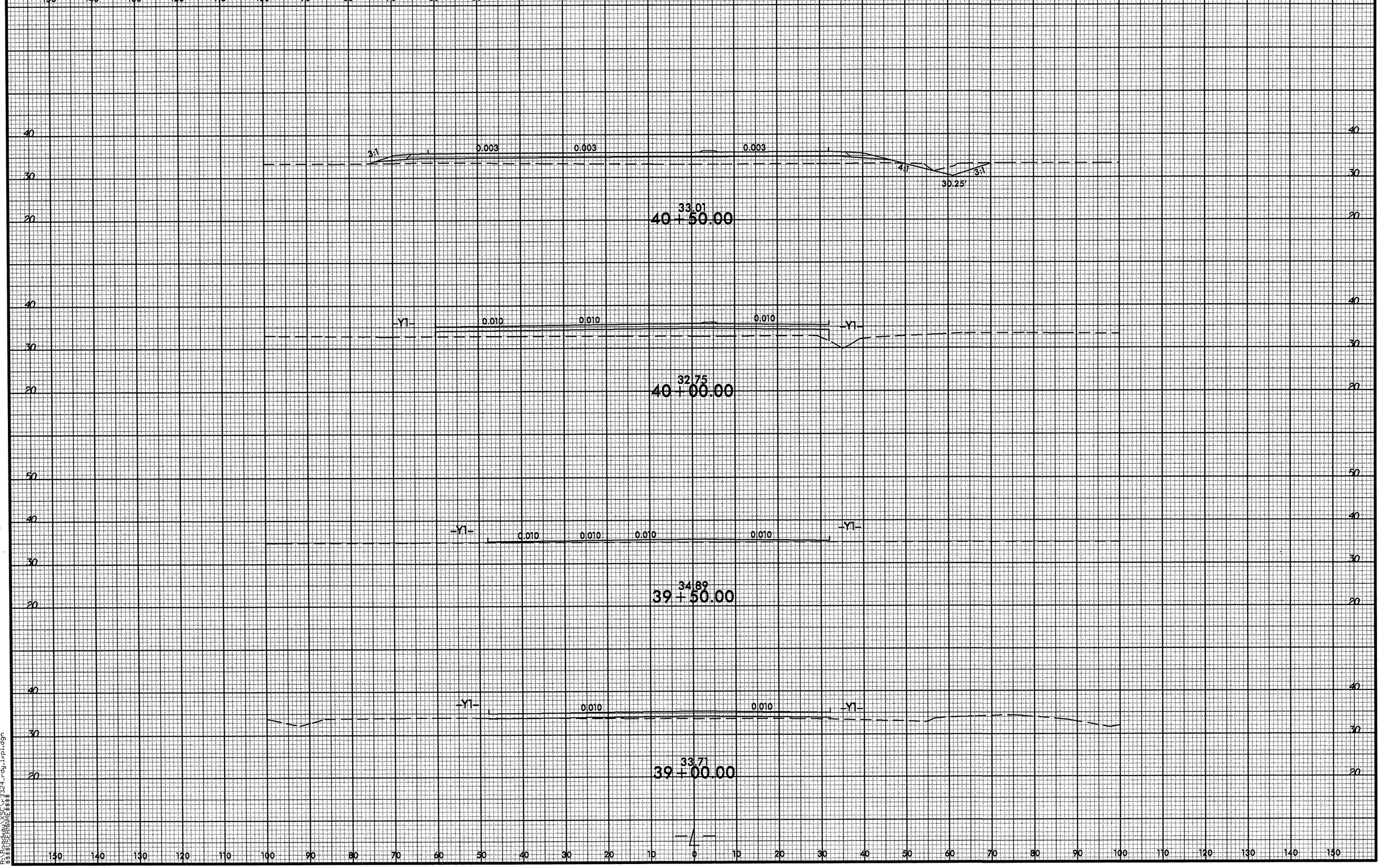


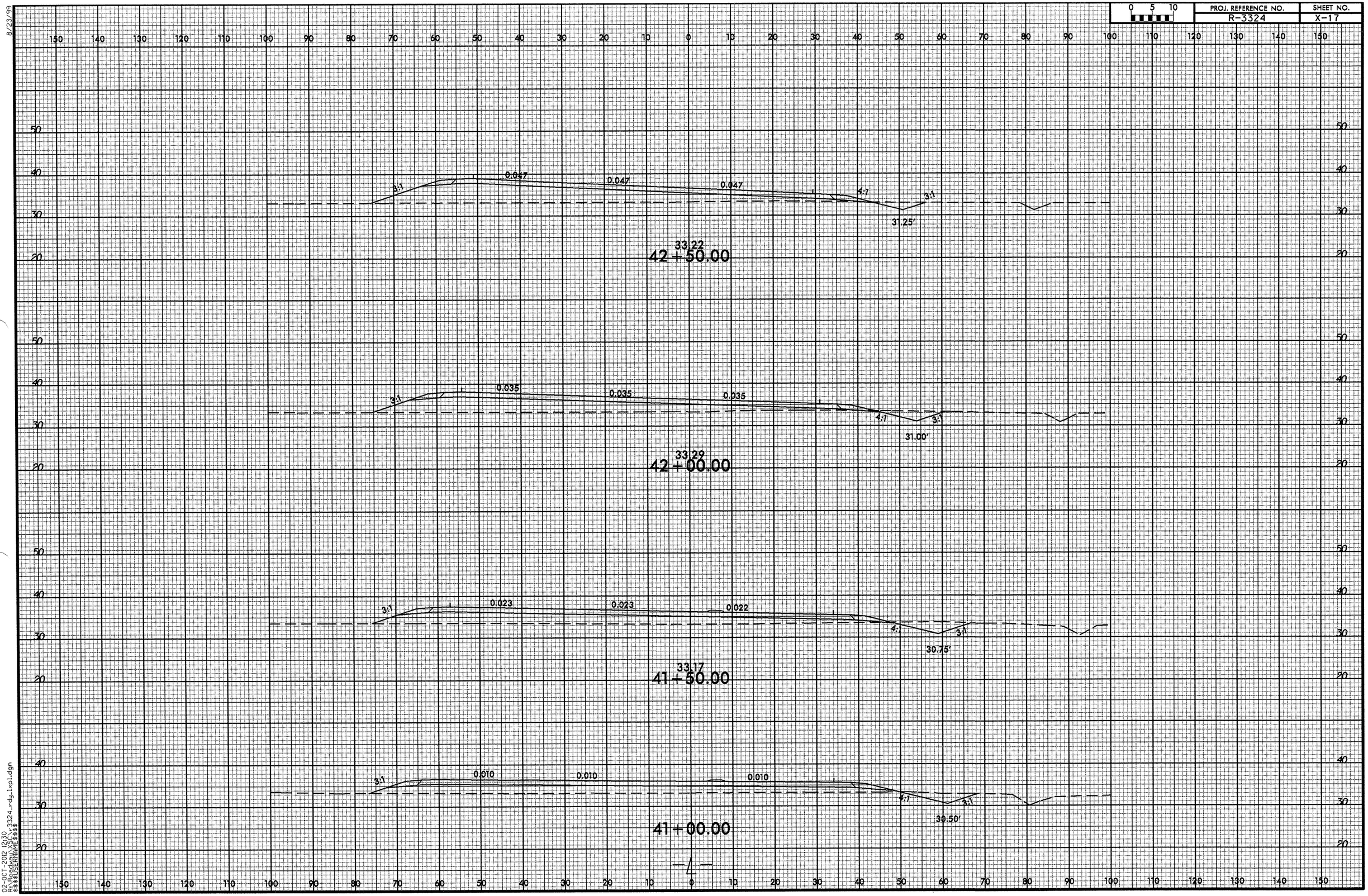
0 5 10
PROJ. REFERENCE NO.
R-3324
SHEET NO.
X-15
8/23/99
6:1
0.018
0.017
32.027
4:1
3:1
16.77'
33.47
38+50.00
6:1
0.025
0.025
0.025
31.498
4:1
3:1
16.77'
33.86
38+00.00
3:1
4:1
0.025
0.025
0.025
31.50'
4:1
3:1
28.63'
33.66
37+50.00
DRIVEWAY
3:1
4:1
0.020
0.020
0.025
31.08'
4:1
3:1
28.47'
32.94
37+00.00
-L-
02-OCT-2012 12:30
R:\Roadway\XSC\r3324_rdy_lxpl.dgn
$$$$USERNAME$$$$

| 0 5 10 | PROJ. REFERENCE NO. | SHEET NO. |
|---|---|---|
| | R-3324 | X-16 |

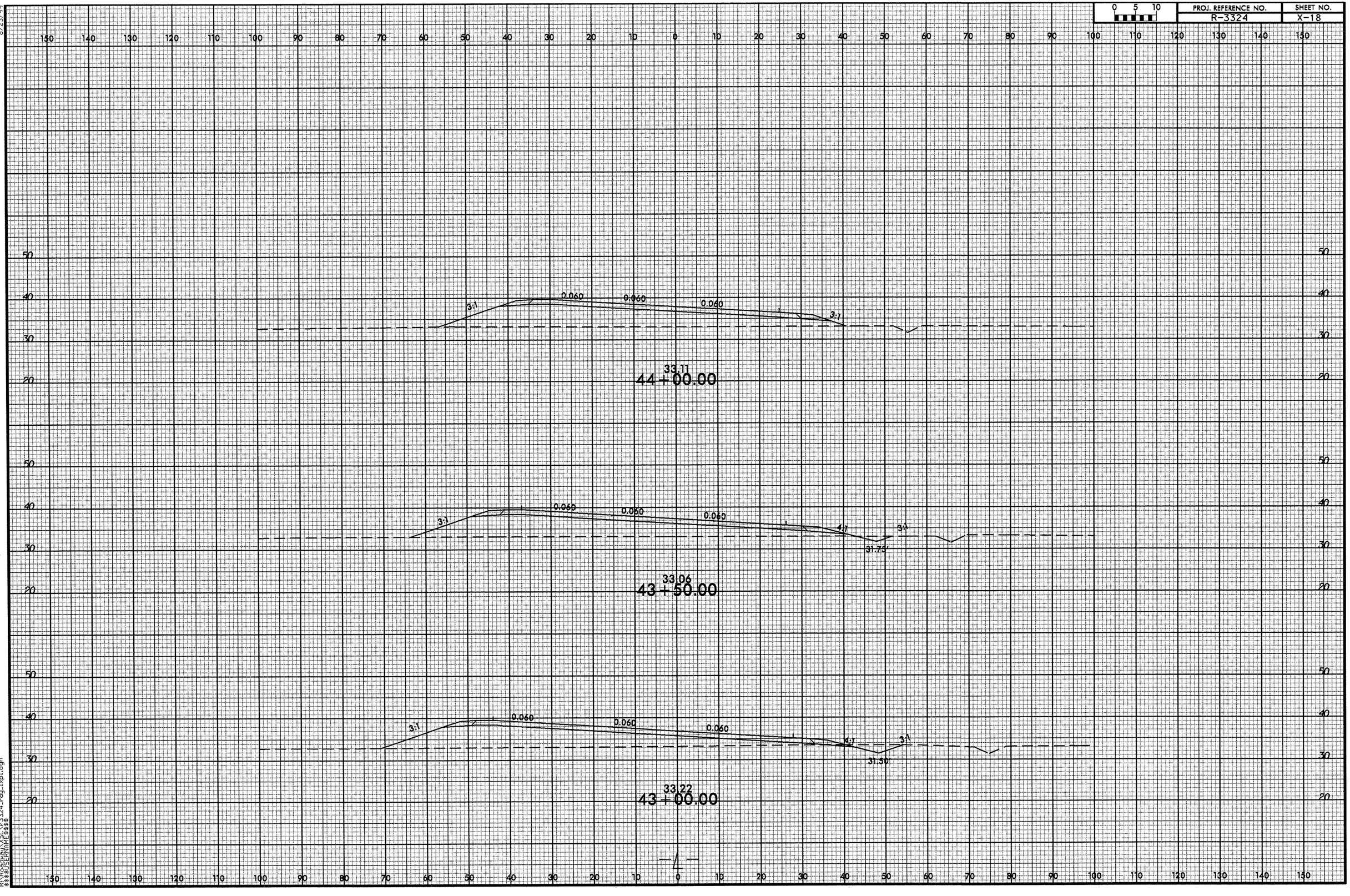





8/23/99
02-OCT-2012 12:30
R:\Roadway\Proj\r3324_rdy_1xpl.dgn
$$$$USERNAME$$$$



0 5 10
PROJ. REFERENCE NO.
R-3324
SHEET NO.
X-17
8/23/99
0.047
0.047
0.047
3:1
4:1
3:1
31.25'
33.22
42+50.00
0.035
0.035
0.035
3:1
4:1
3:1
31.00'
33.29
42+00.00
0.023
0.023
0.022
3:1
4:1
3:1
30.75'
33.17
41+50.00
0.010
0.010
0.010
3:1
4:1
3:1
30.50'
41+00.00
02-OCT-2012 12:30
R:\Roadway\XSC\r3324_rdy_lxpl.dgn
$$$$USERNAME$$$$

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02-OCT-2012 12:30
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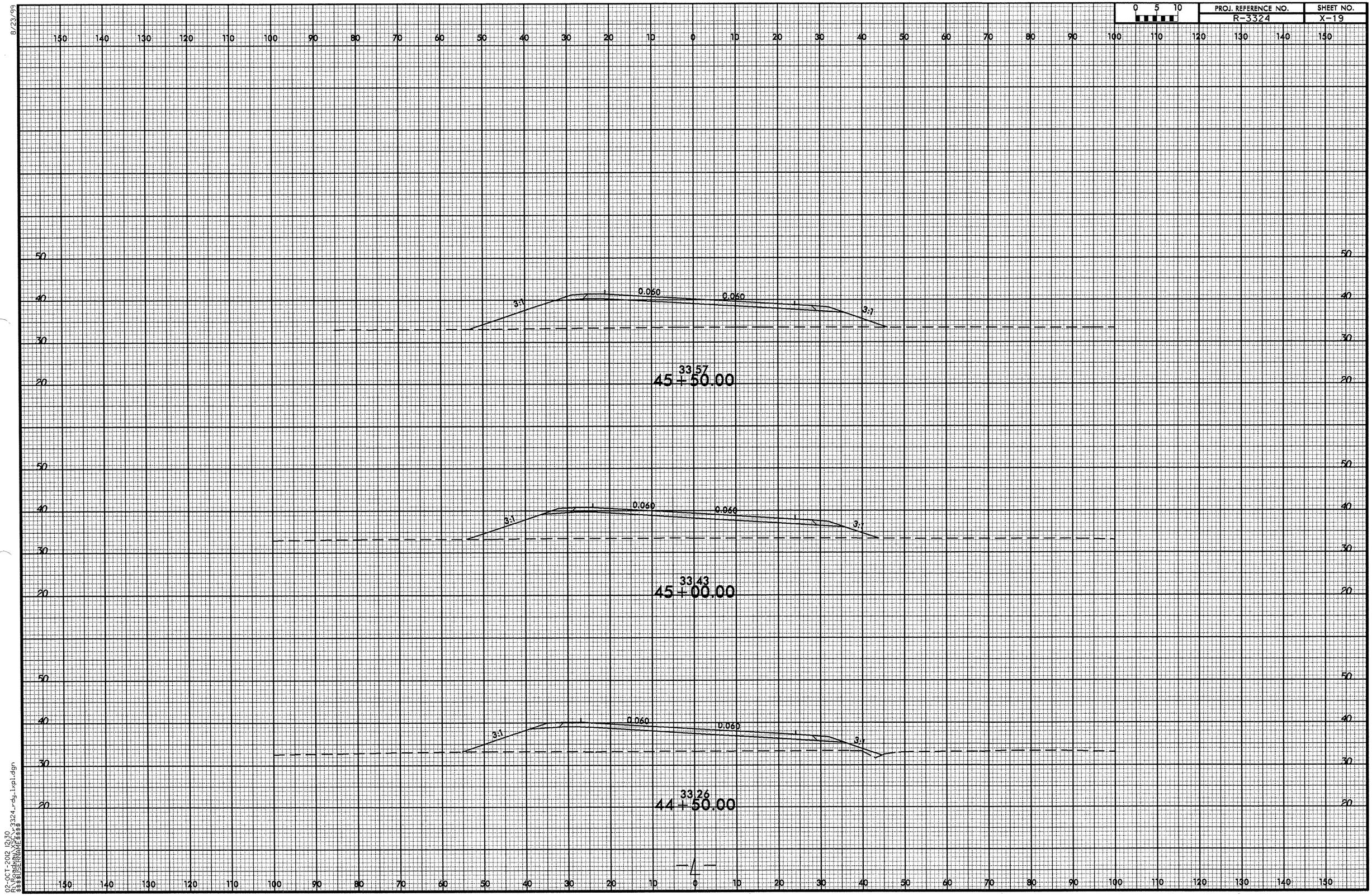




8/23/99
02-OCT-2012 12:30
R:\Roadway\Proj\r3324_rdy_1xpl.dgn
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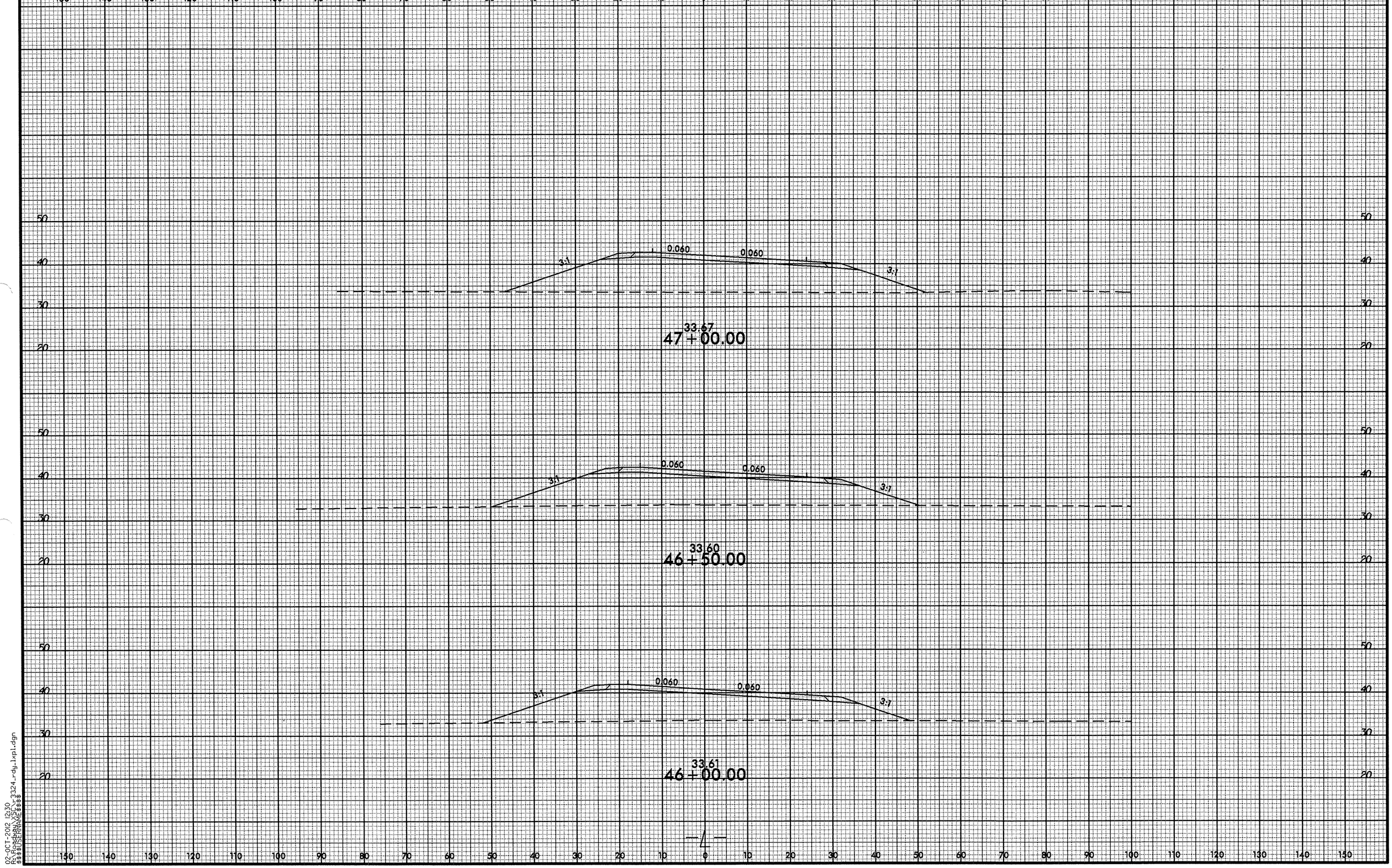
| 0 5 10 | PROJ. REFERENCE NO. | SHEET NO. |
|---|---|---|
| | R-3324 | X-20 |






8/23/99
02-OCT-2012 12:30
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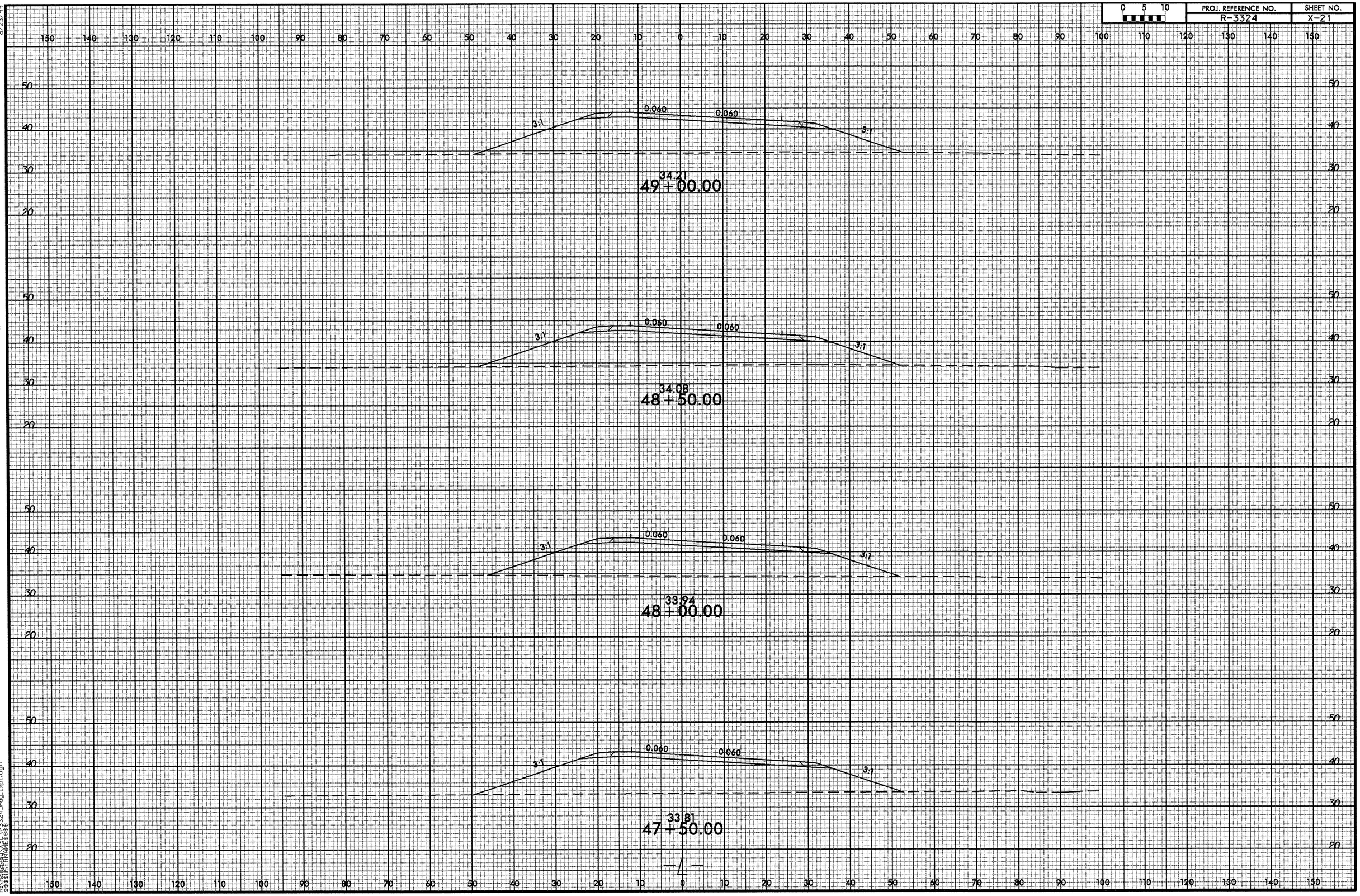

0 5 10
PROJ. REFERENCE NO.
R-3324
SHEET NO.
X-21
8/23/99
0.060
0.060
3:1
3:1
34.21
49+00.00
34.08
48+50.00
33.94
48+00.00
33.81
47+50.00
02-OCT-2012 12:30
R:\Roadway\XSC\r3324_rdy_lxpl.dgn
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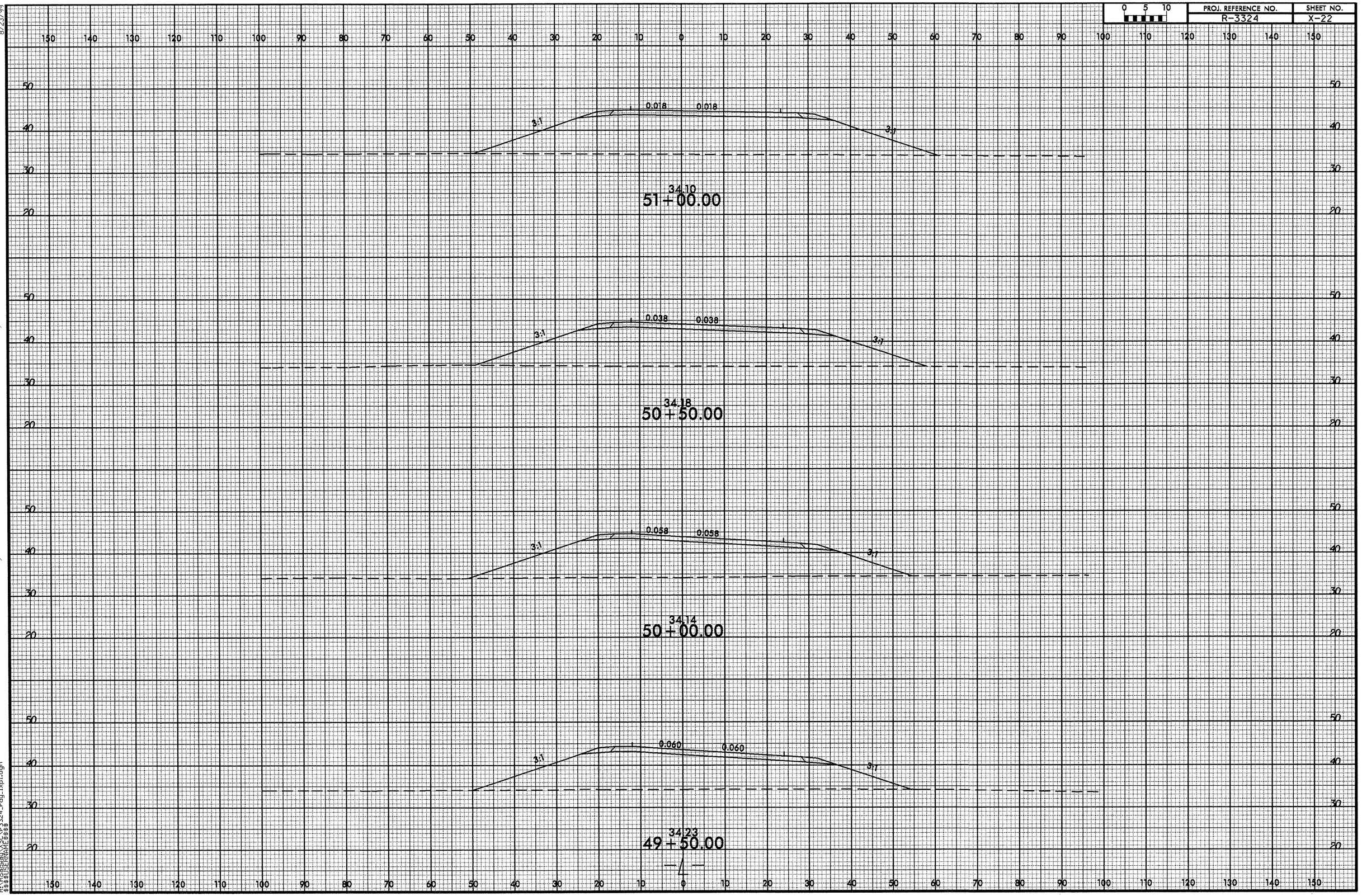




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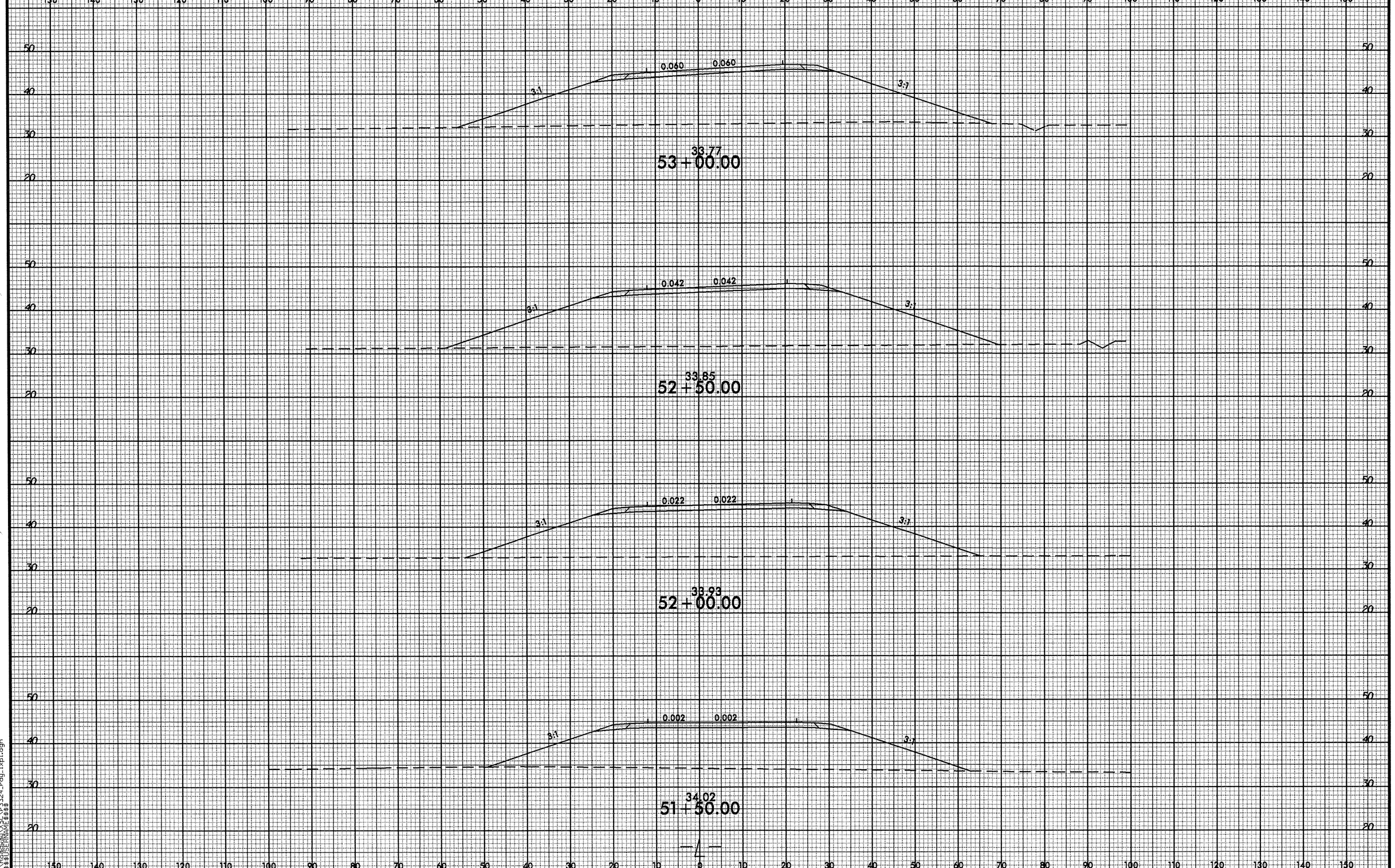


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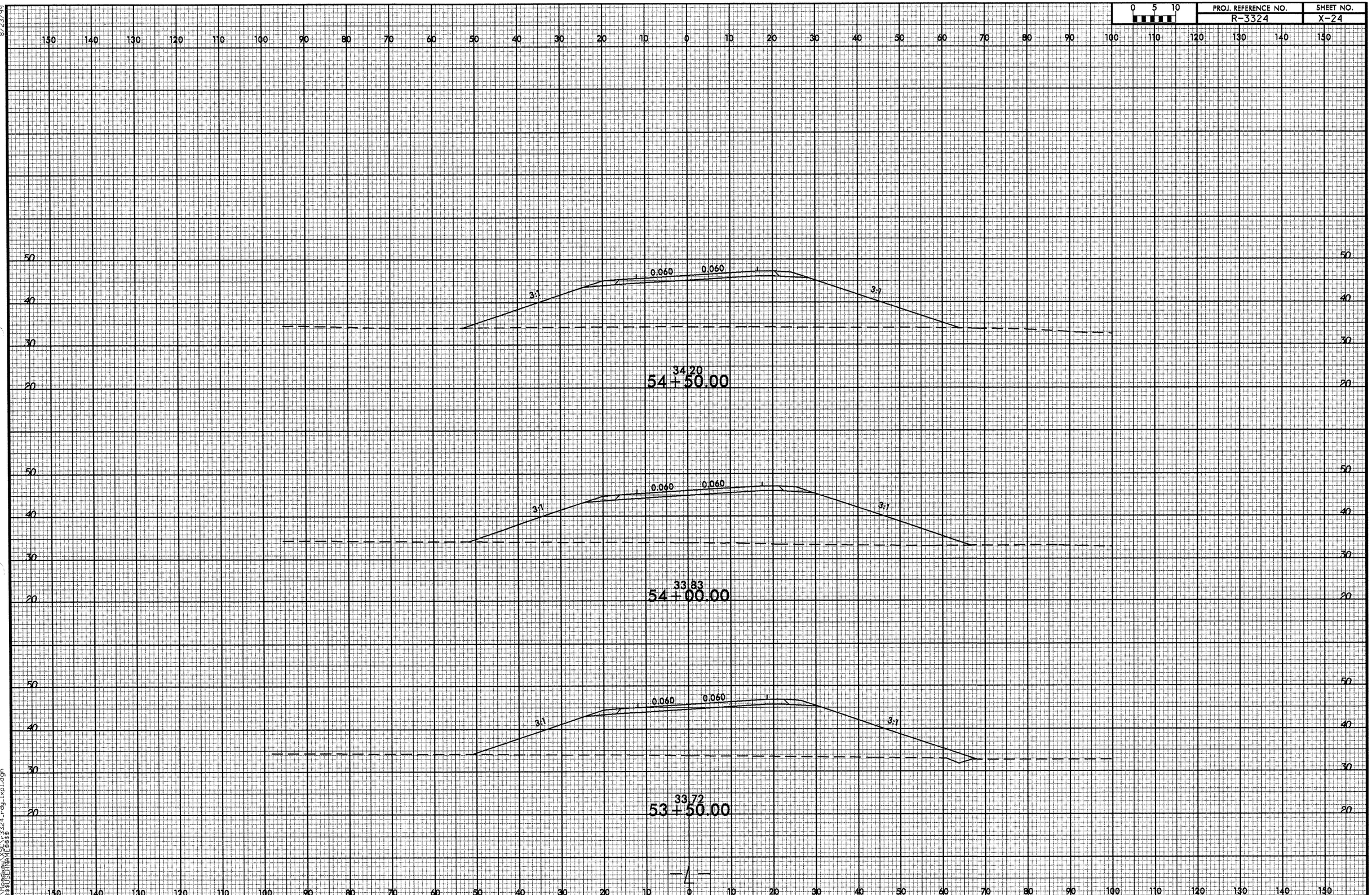

0 5 10
PROJ. REFERENCE NO.
R-3324
SHEET NO.
X-24
8/23/99
0.060
0.060
3:1
3:1
34.20
54+50.00
33.83
54+00.00
33.72
53+50.00
02-OCT-2012 12:30
R:\Roadway\XSC\r3324_rdy_lxpl.dgn
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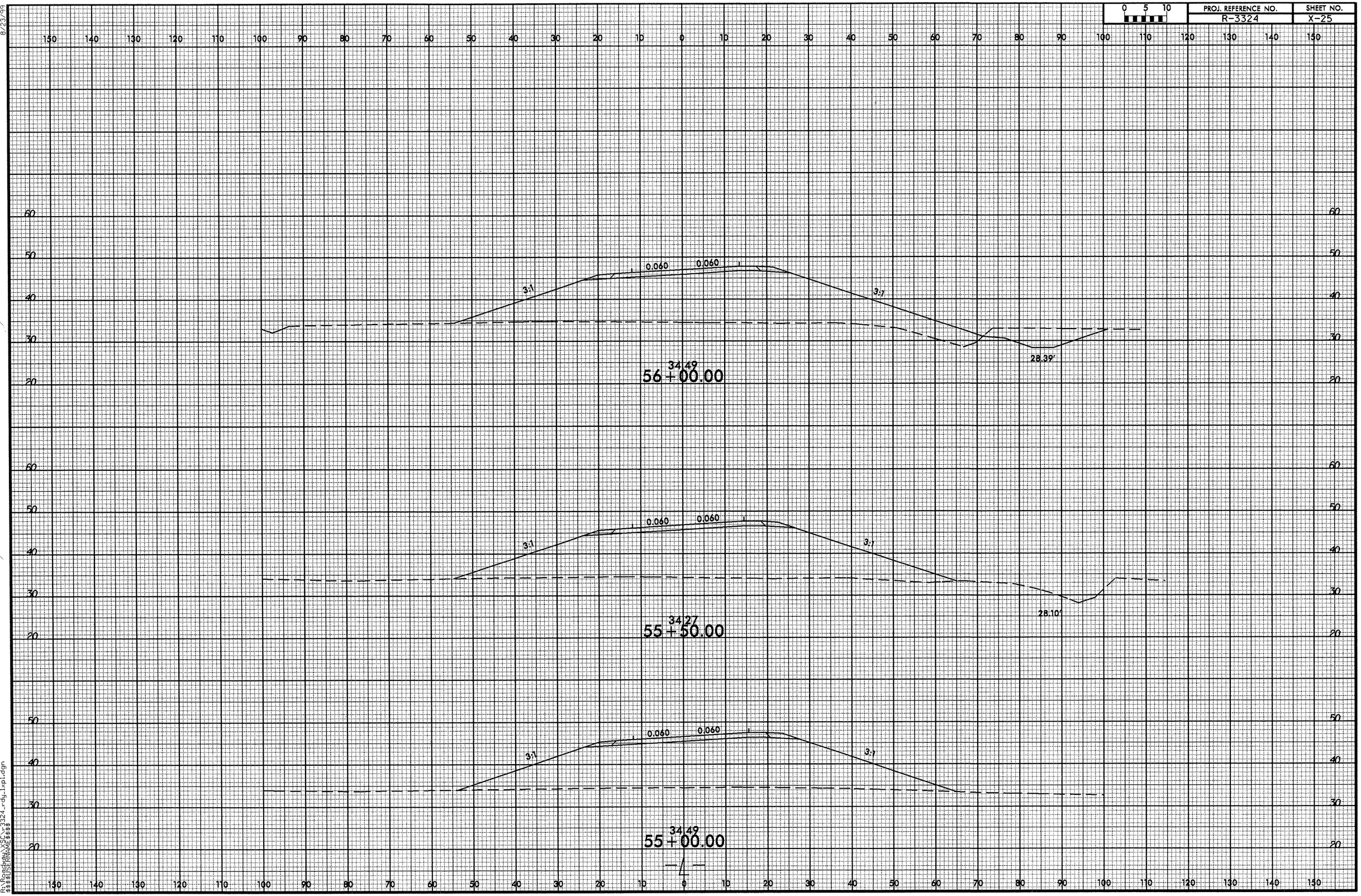




8/23/99
02-OCT-2012 12:30
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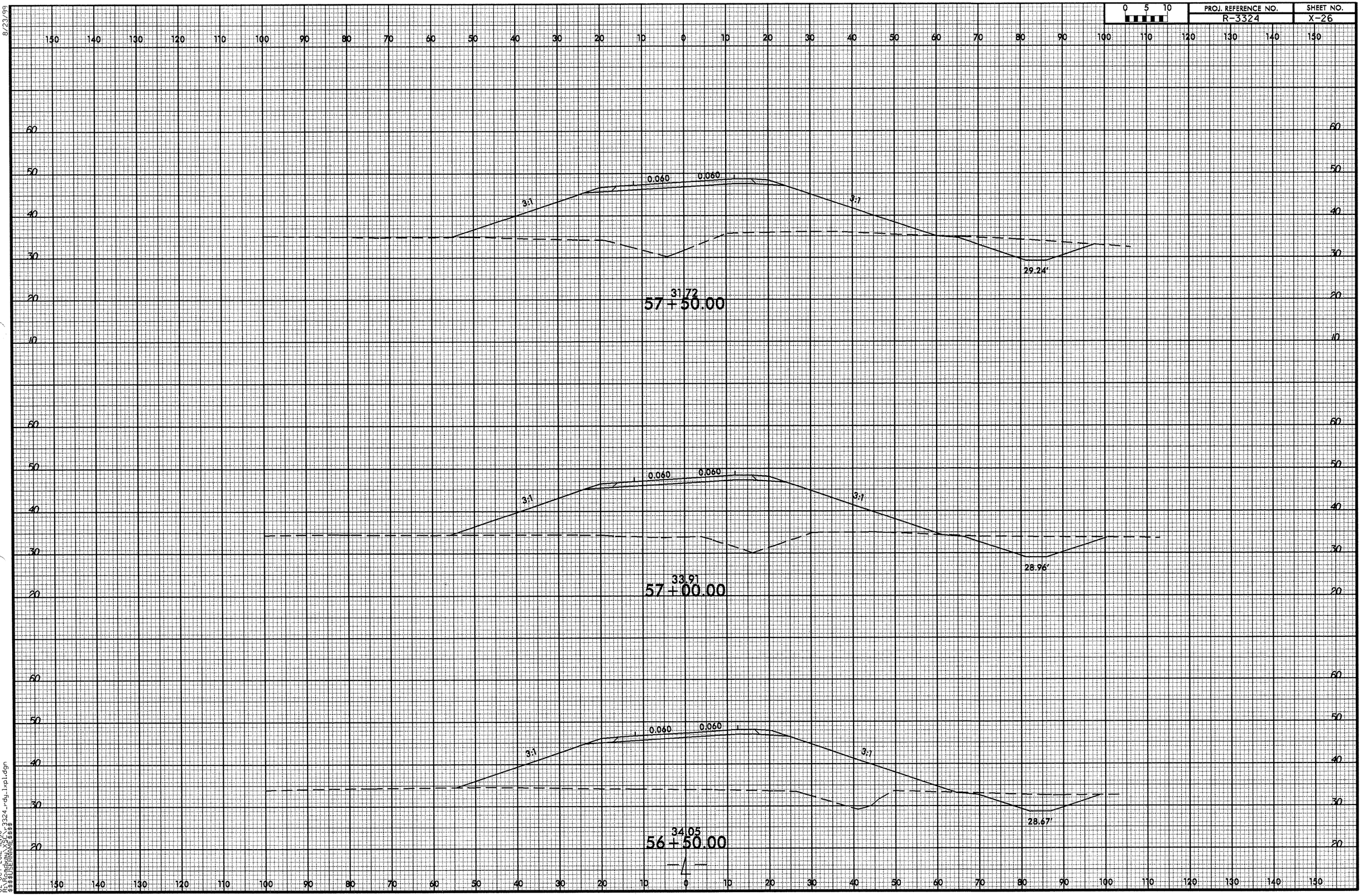

0 5 10
PROJ. REFERENCE NO.
R-3324
SHEET NO.
X-26
8/23/99
0.060
0.060
3:1
3:1
29.24'
31.72
57+50.00
0.060
0.060
3:1
3:1
28.96'
33.91
57+00.00
0.060
0.060
3:1
3:1
28.67'
34.05
56+50.00
02-OCT-2012 12:30
R:\Roadway\XSC\r3324_rdy_lxpl.dgn
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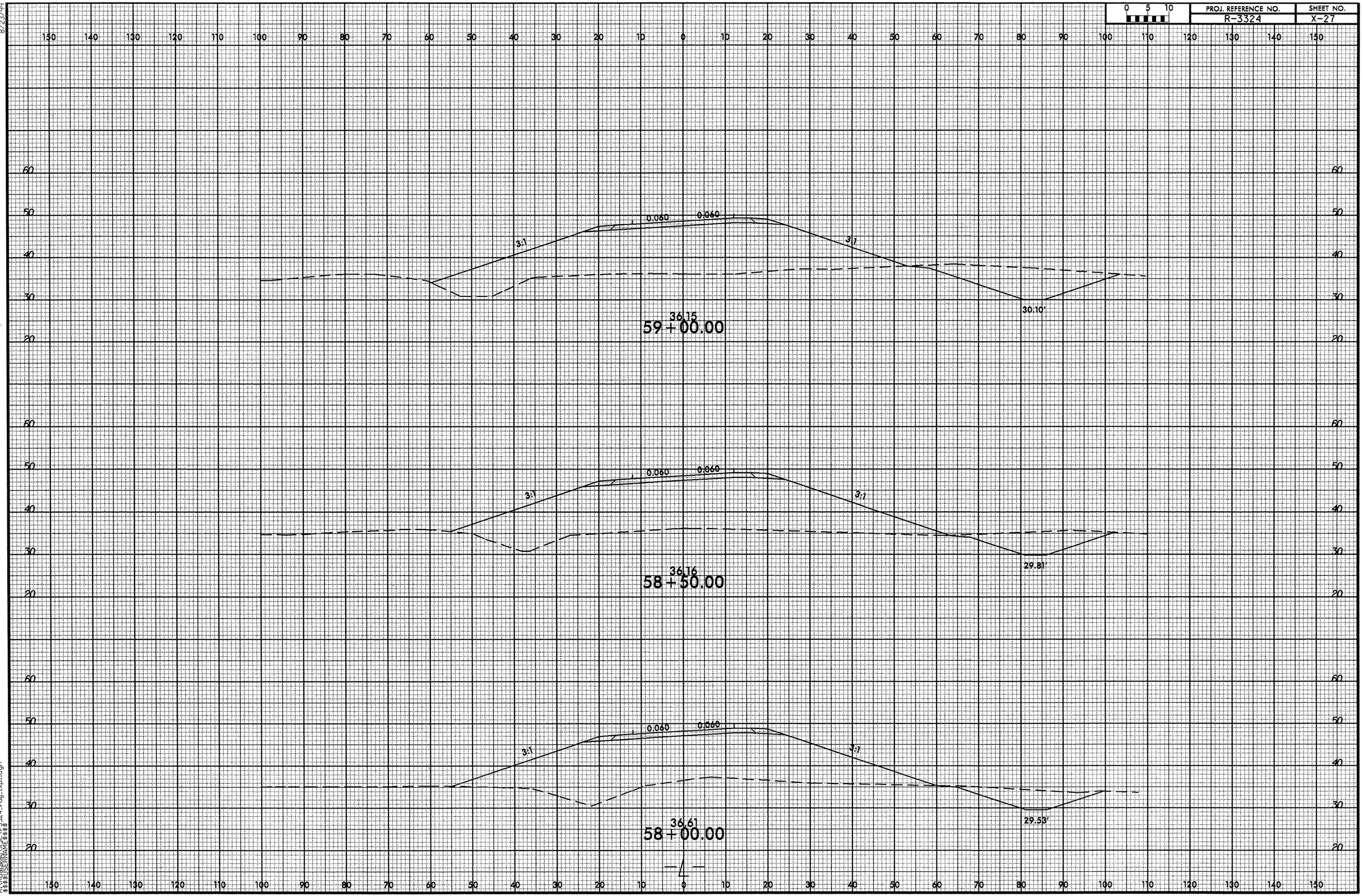


8/23/99

02-OCT-2012 12:30
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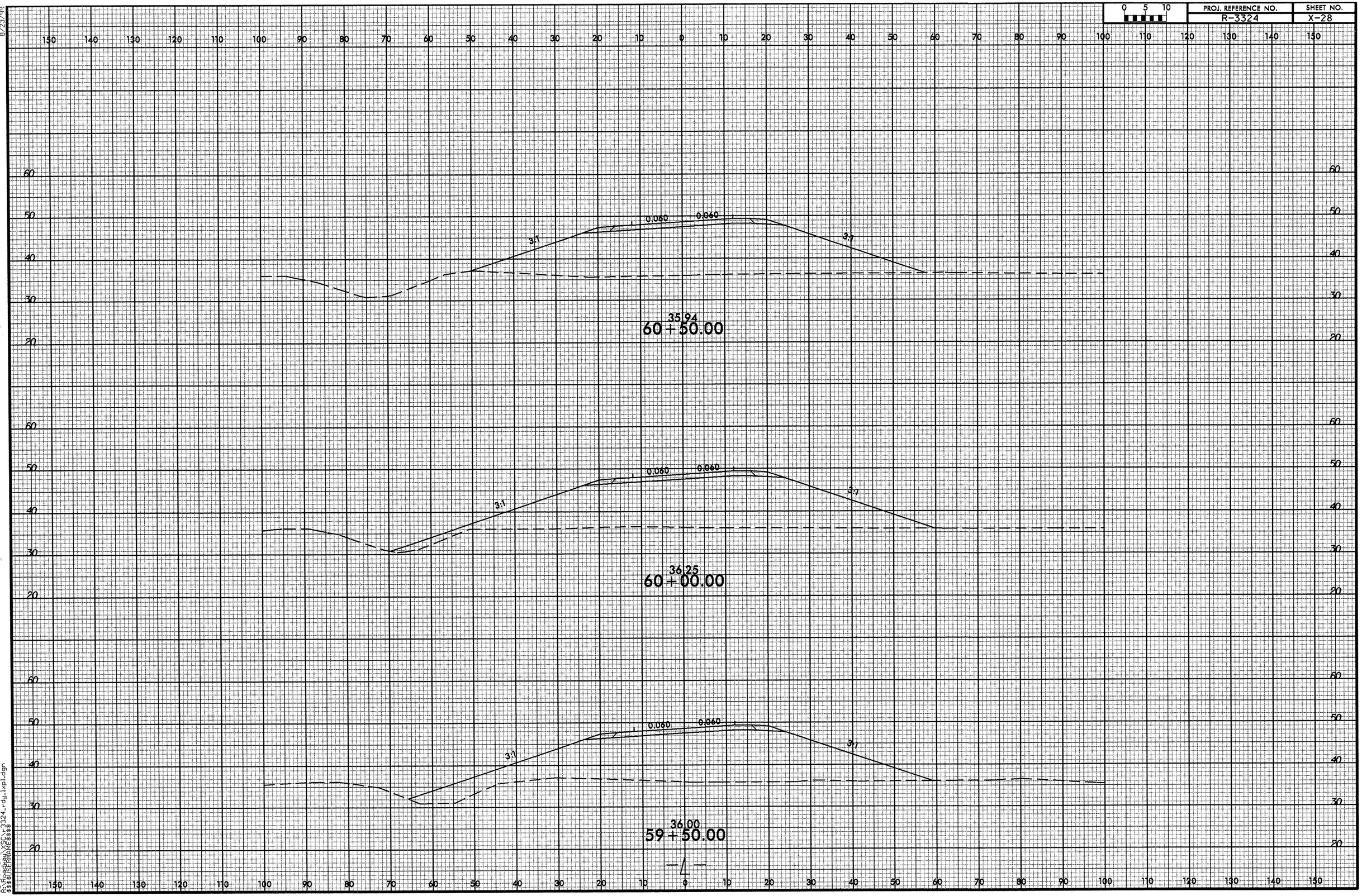
8/23/99

| 0 5 10 | PROJ. REFERENCE NO. | SHEET NO. |
|---|---|---|
| | R-3324 | X-28 |

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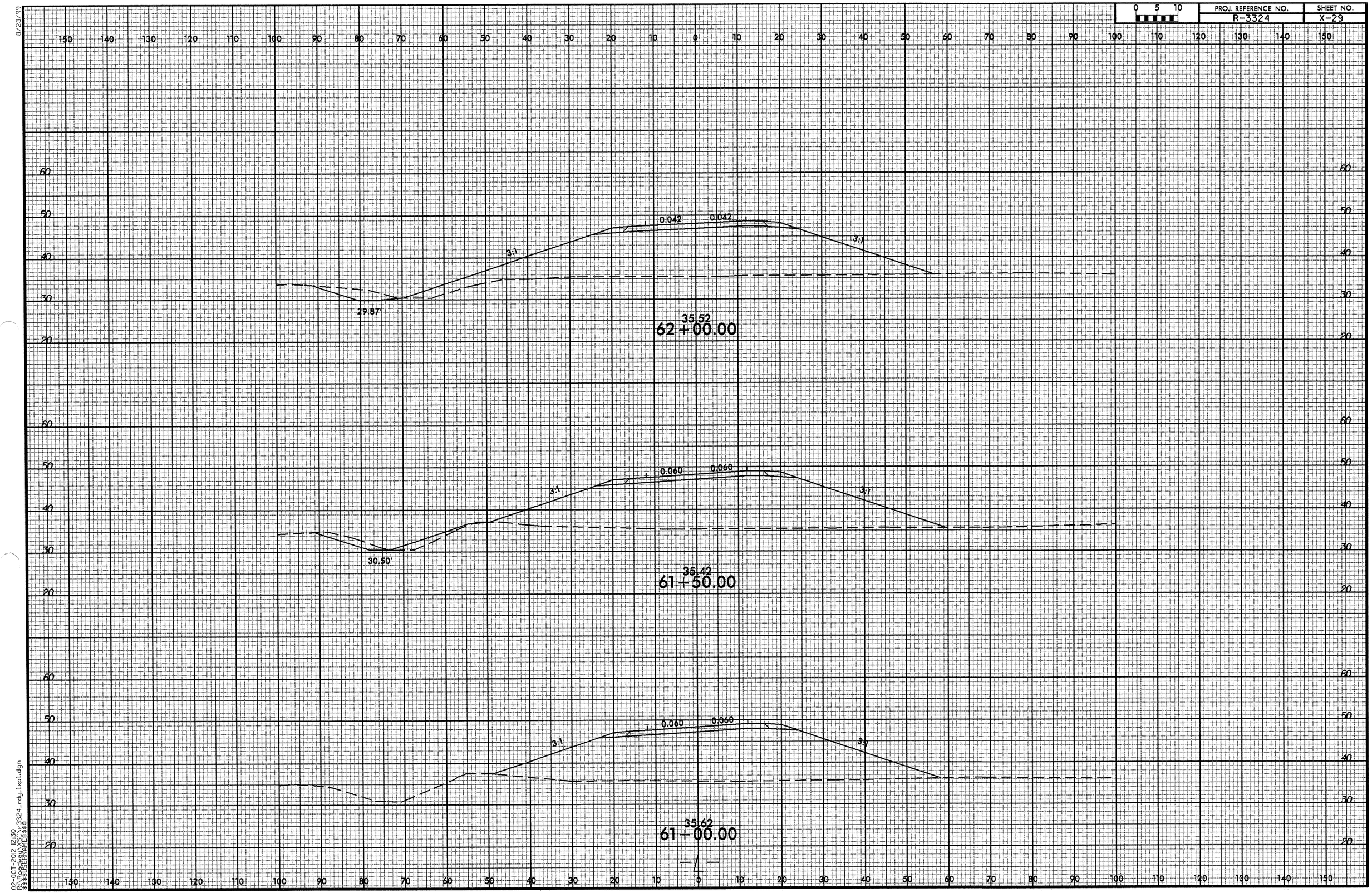


8/23/99
02-OCT-2012 12:30
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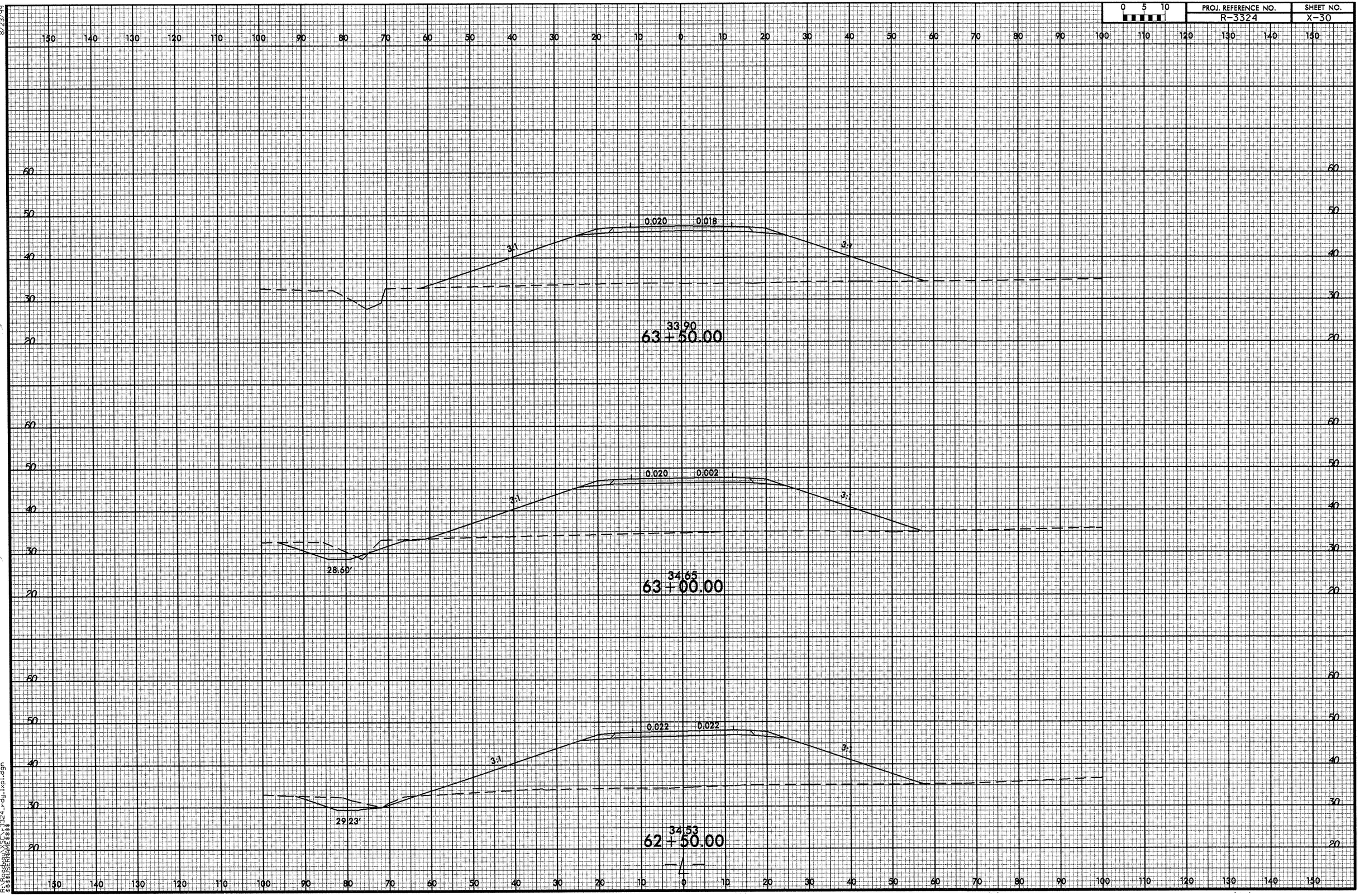
$$$$USERNAME$$$$

| PROJ. REFERENCE NO. | SHEET NO. |
|---|---|
| R-3324 | X-30 |

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02-OCT-2012 12:30
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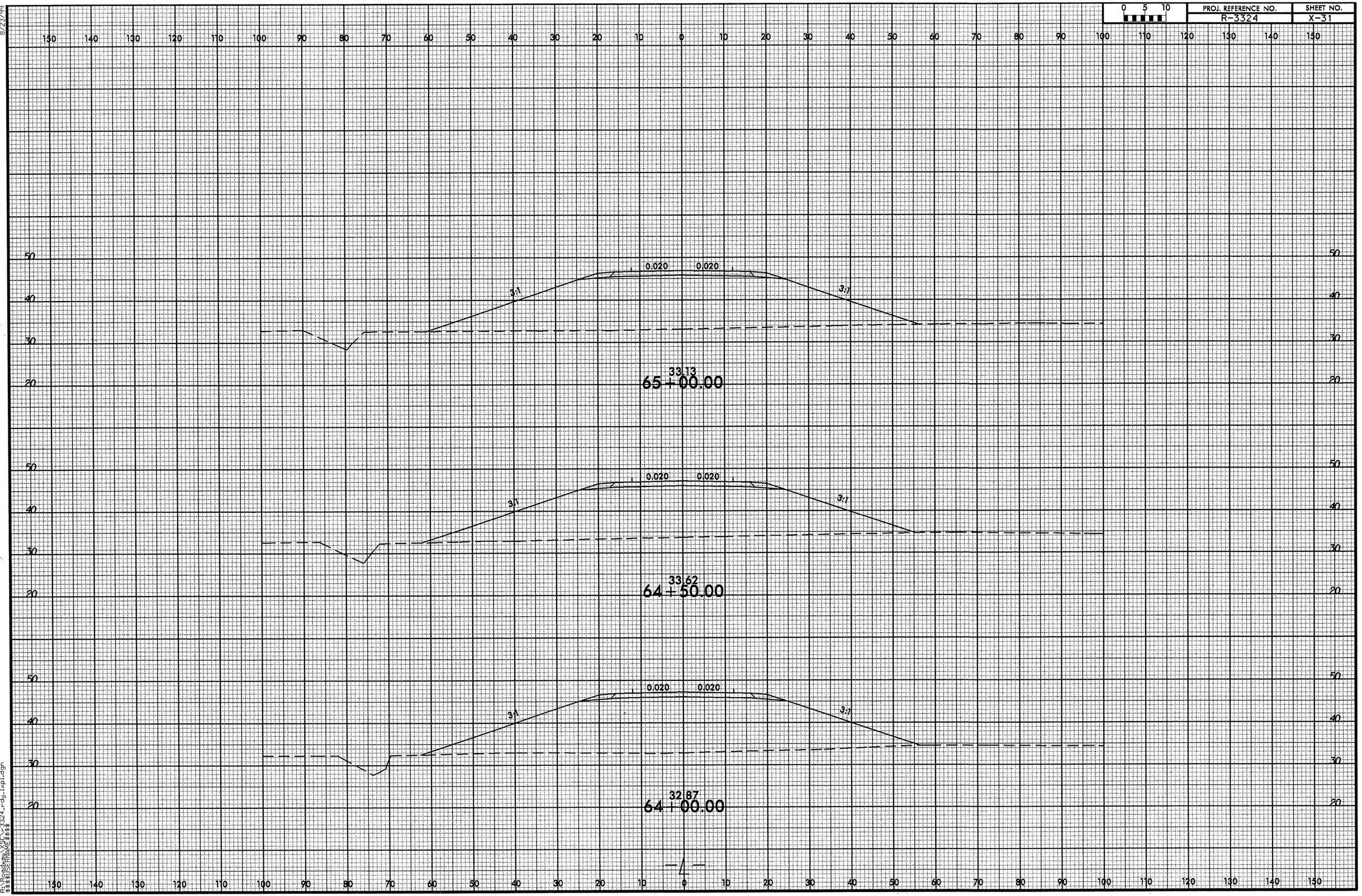


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02-OCT-2012 12:30
R:\Roadway\XSC\r3324_rdy_lxpl.dgn
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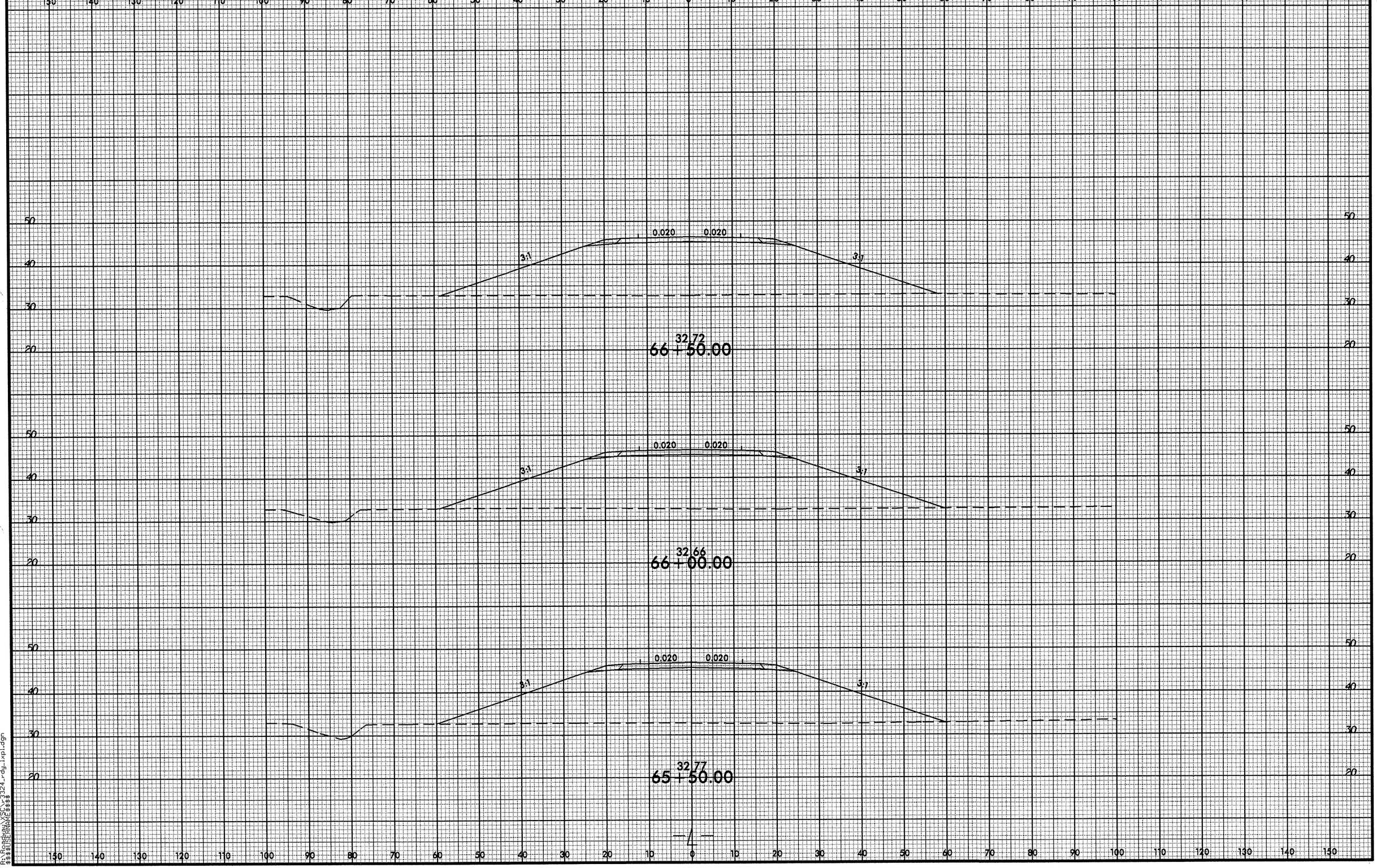
| 0 5 10 | PROJ. REFERENCE NO. | SHEET NO. |
|---|---|---|
| | R-3324 | X-32 |

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02-OCT-2012 12:30
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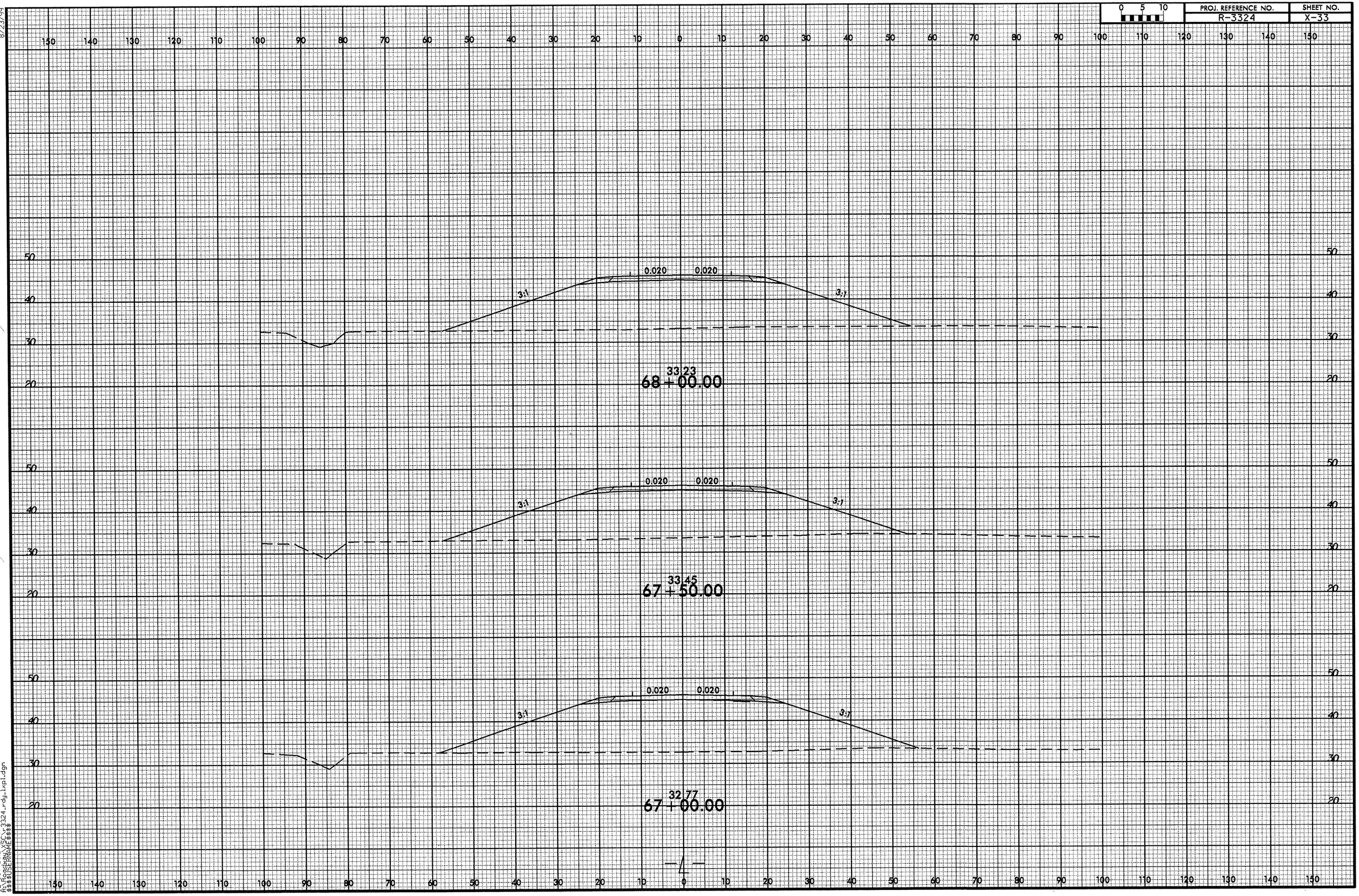


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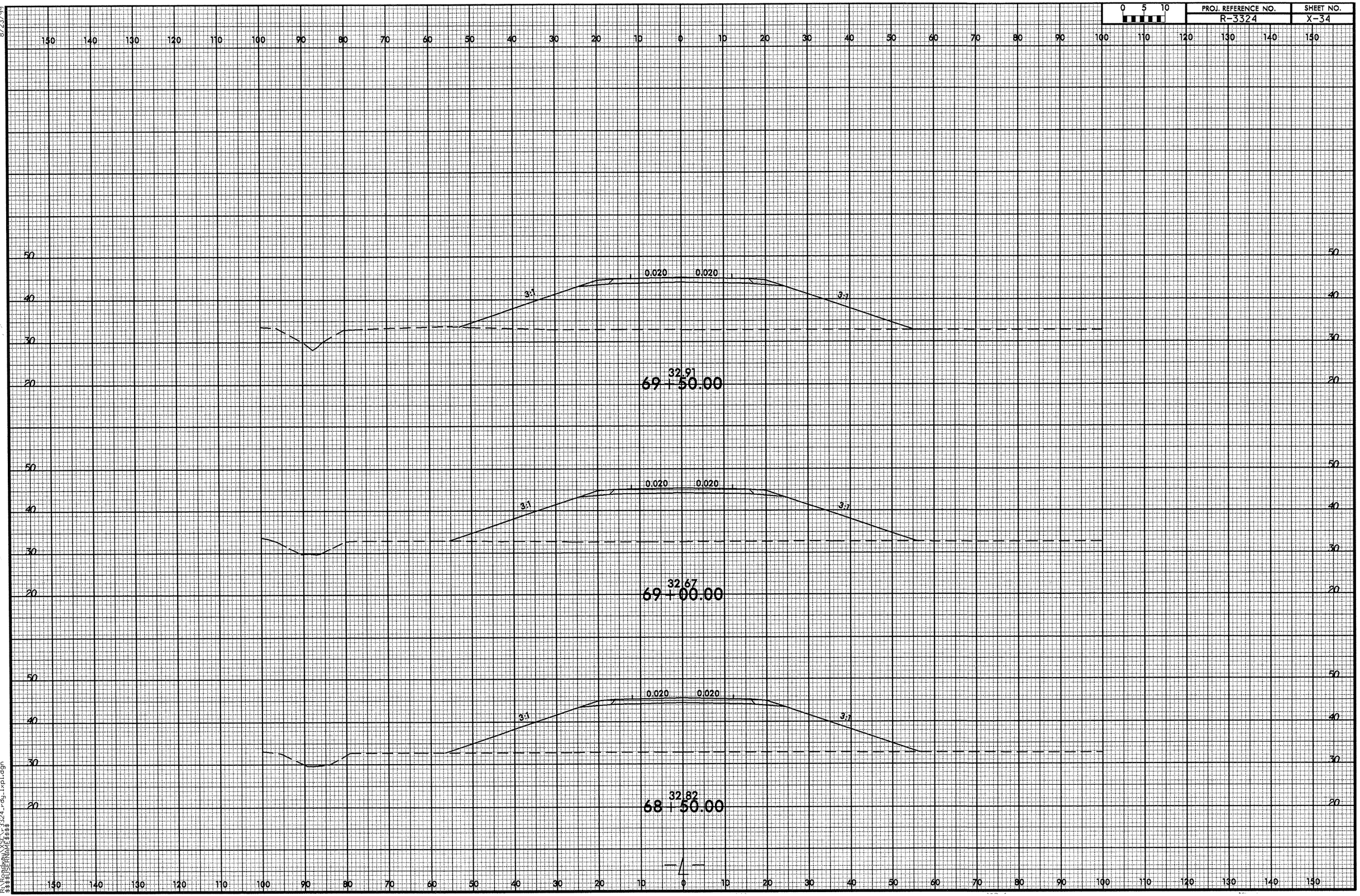


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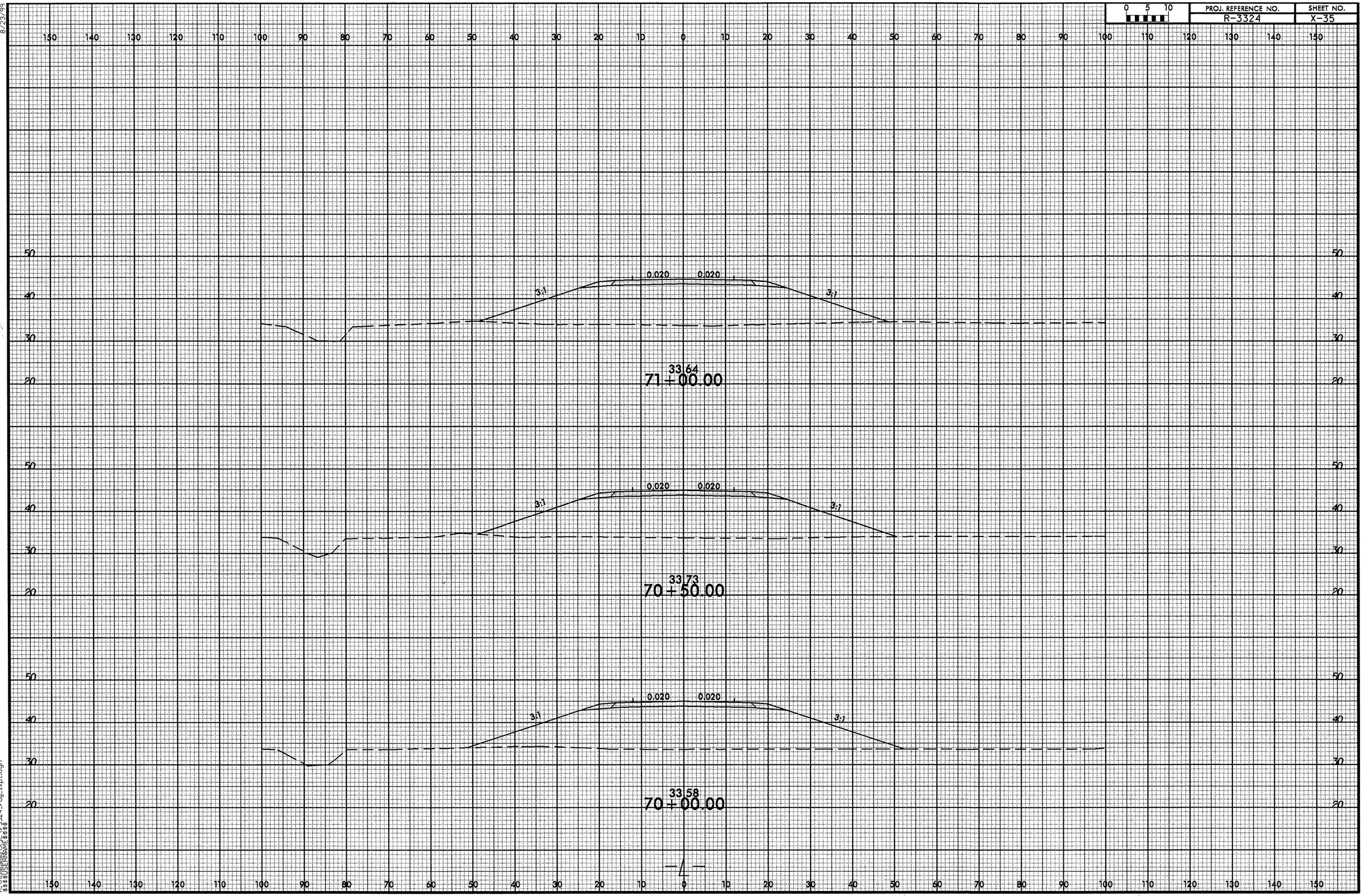




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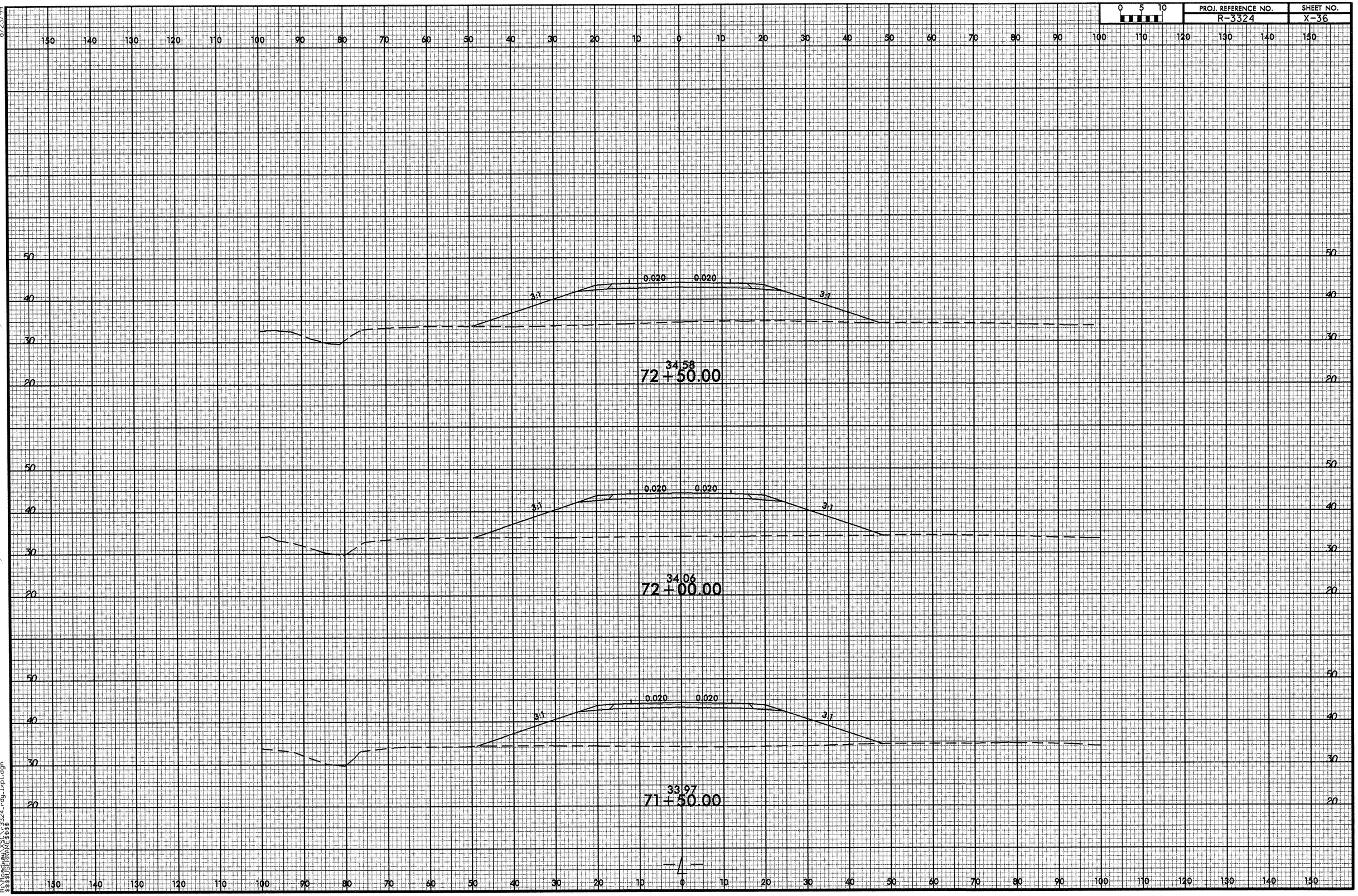




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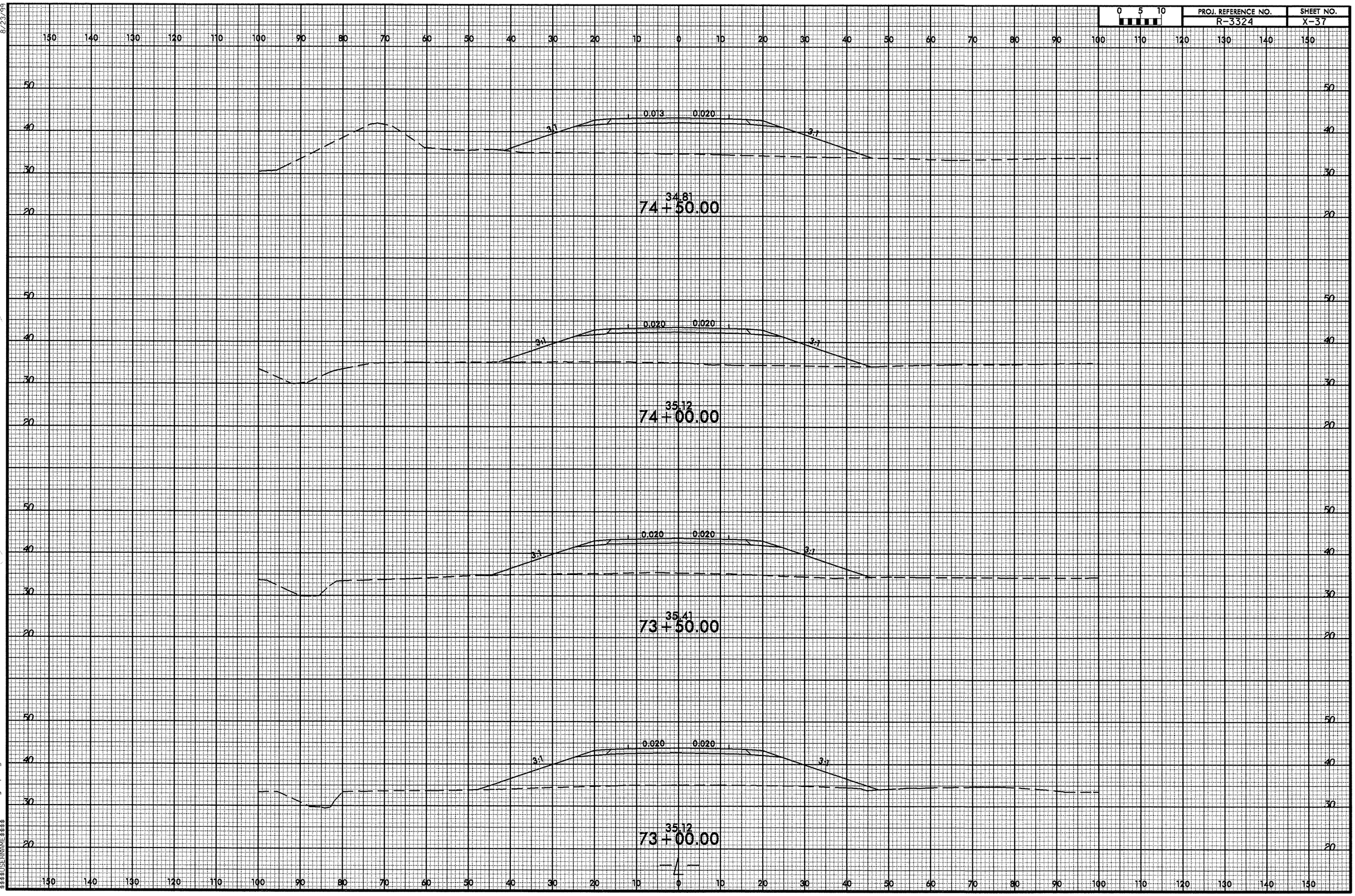




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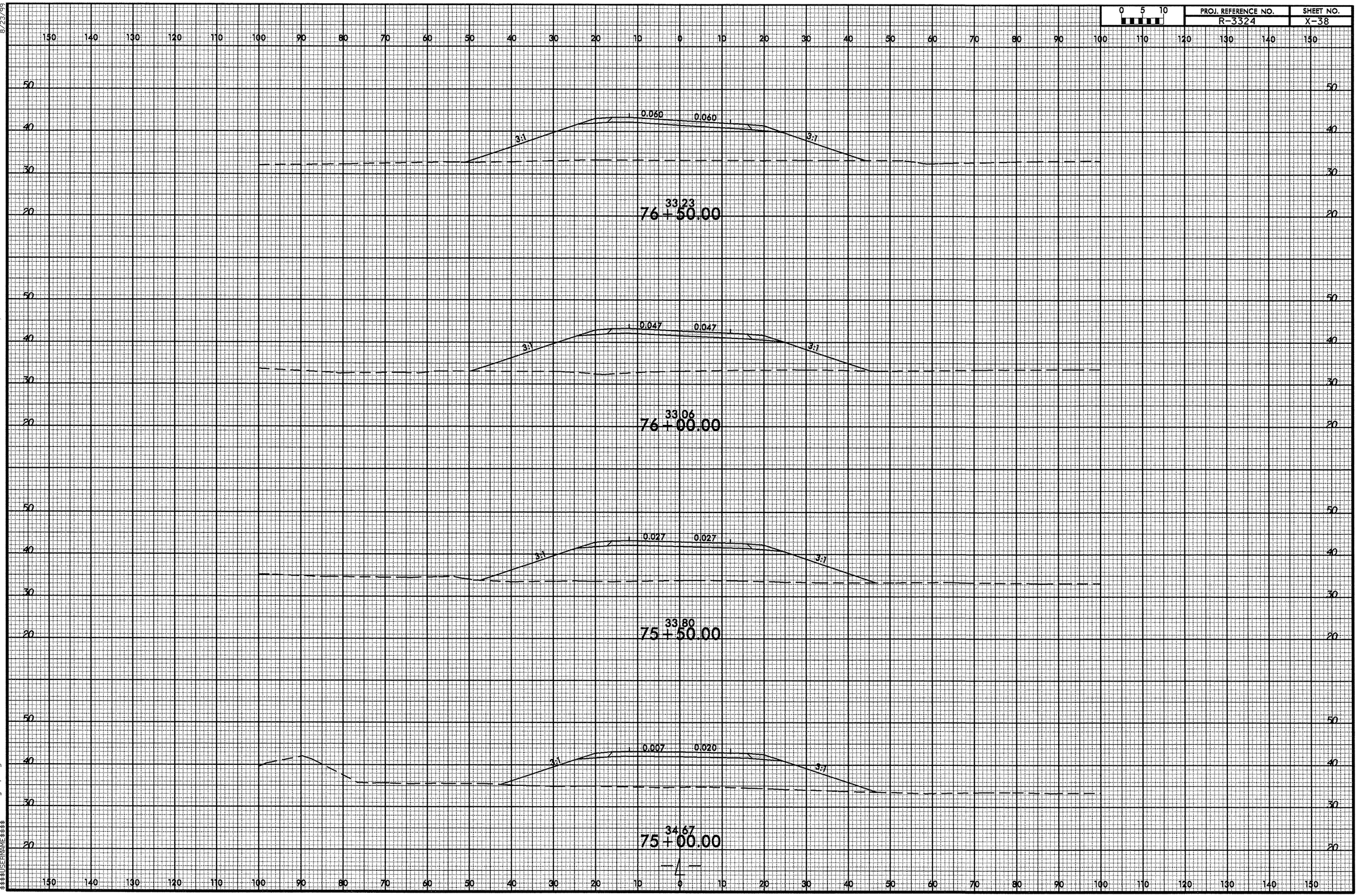


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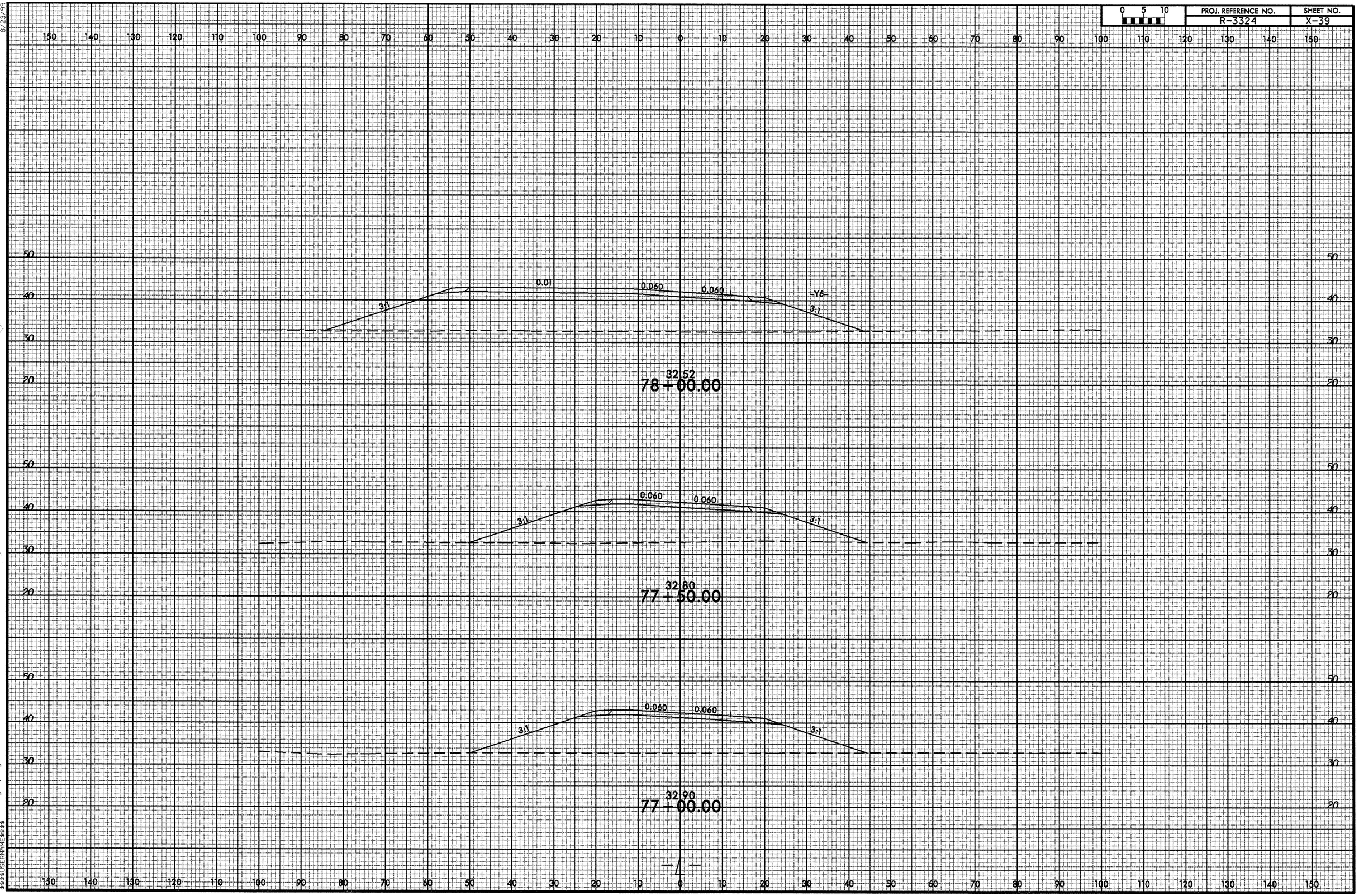


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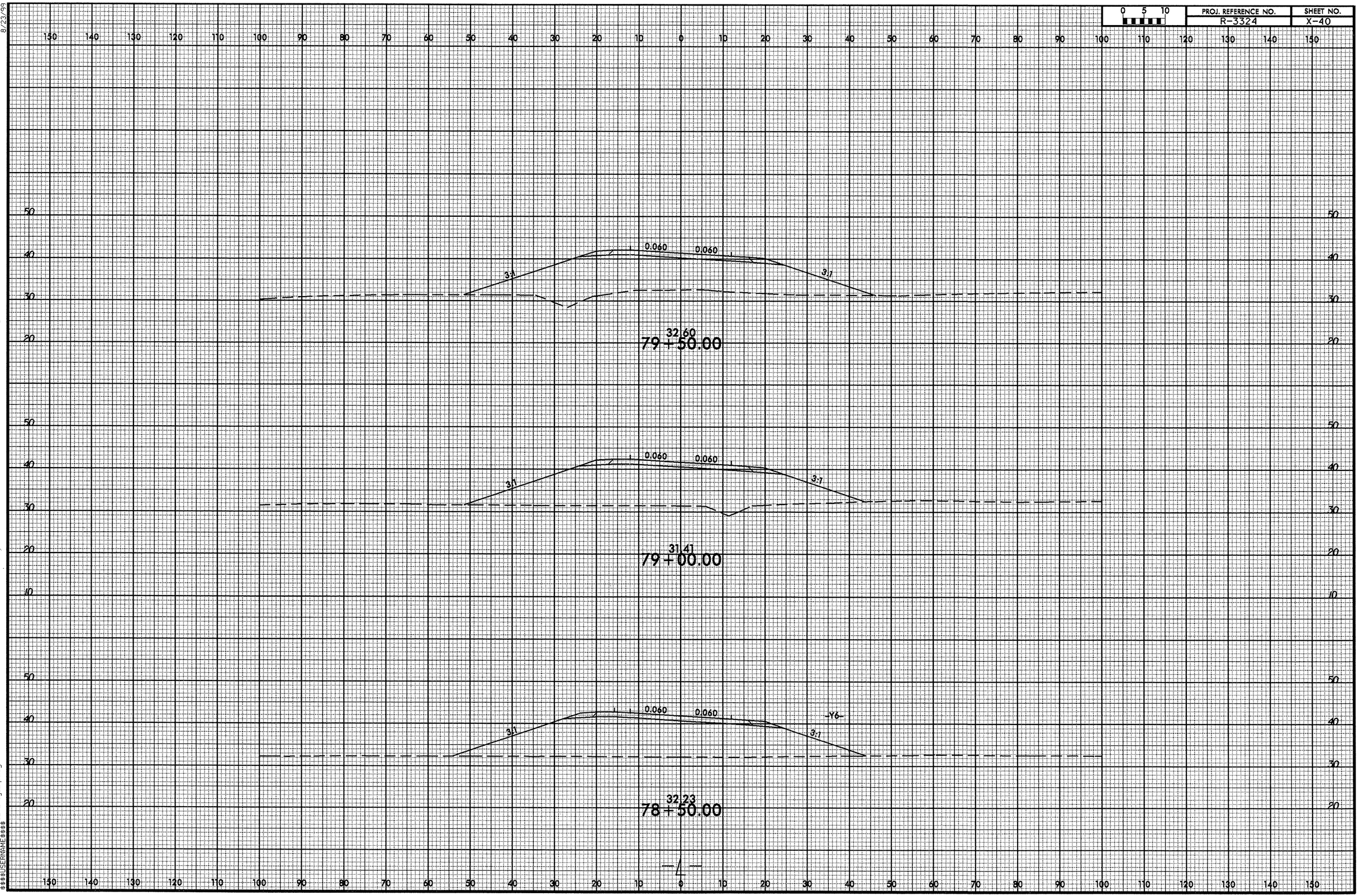


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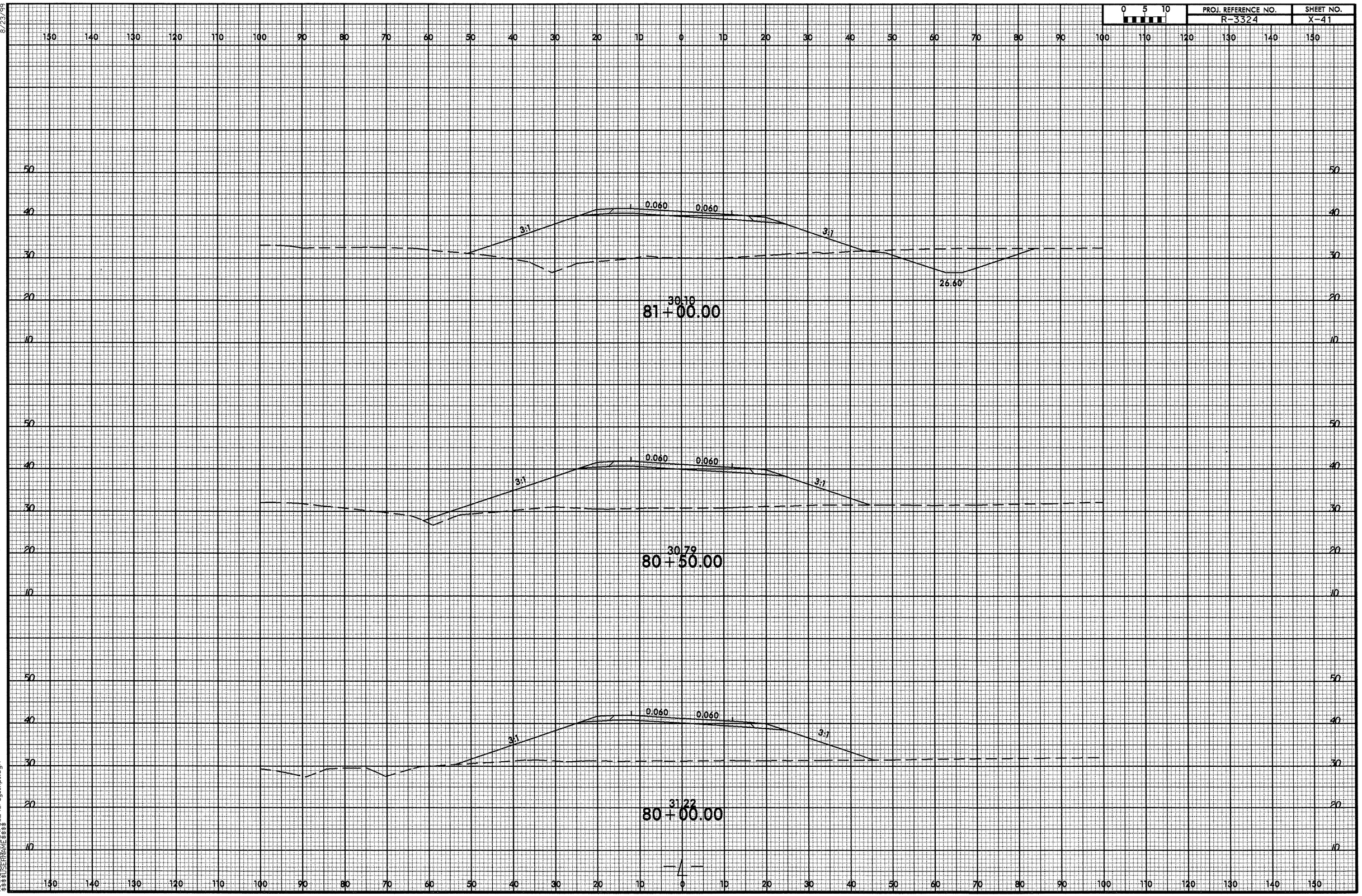




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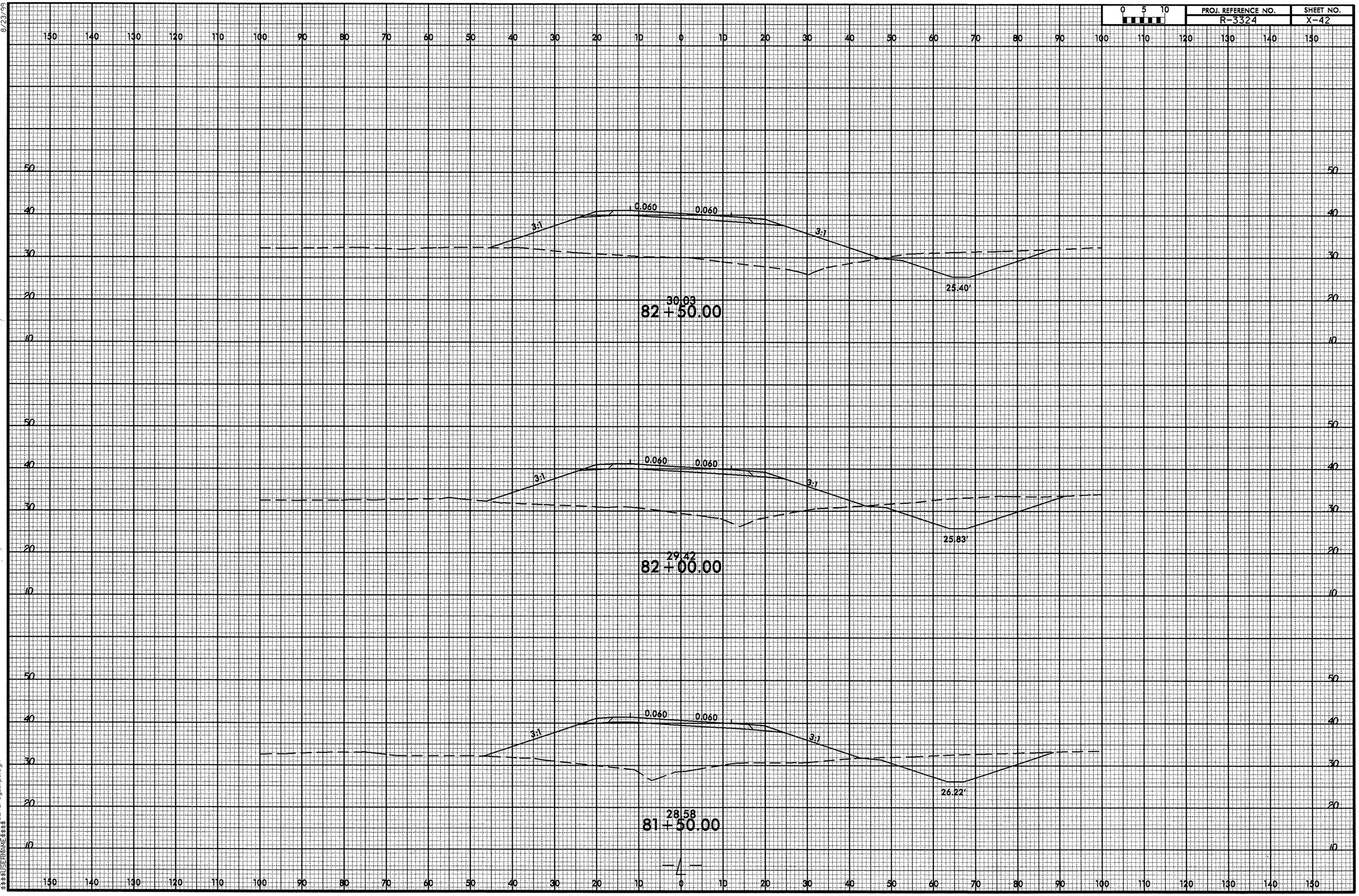




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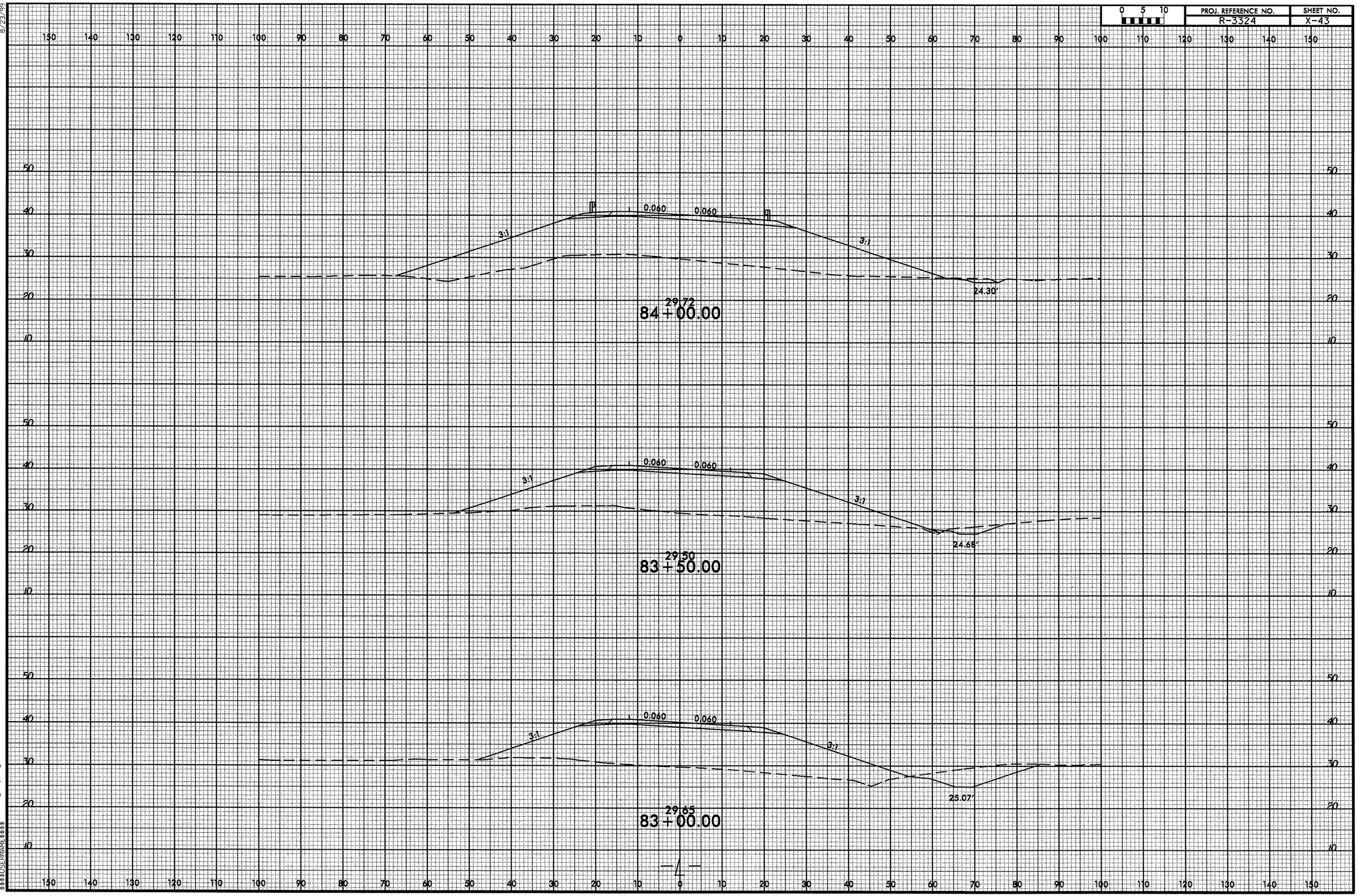


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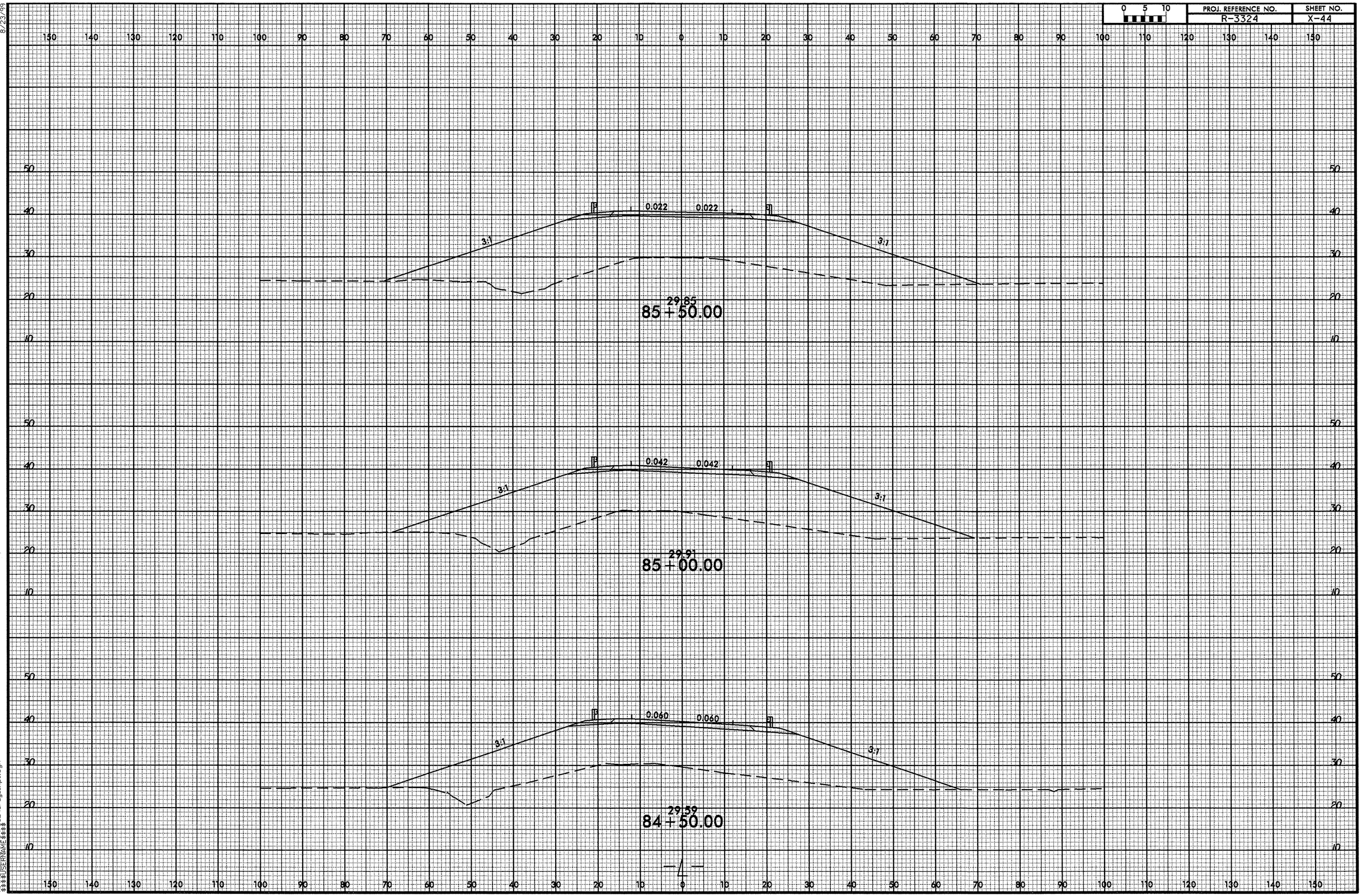


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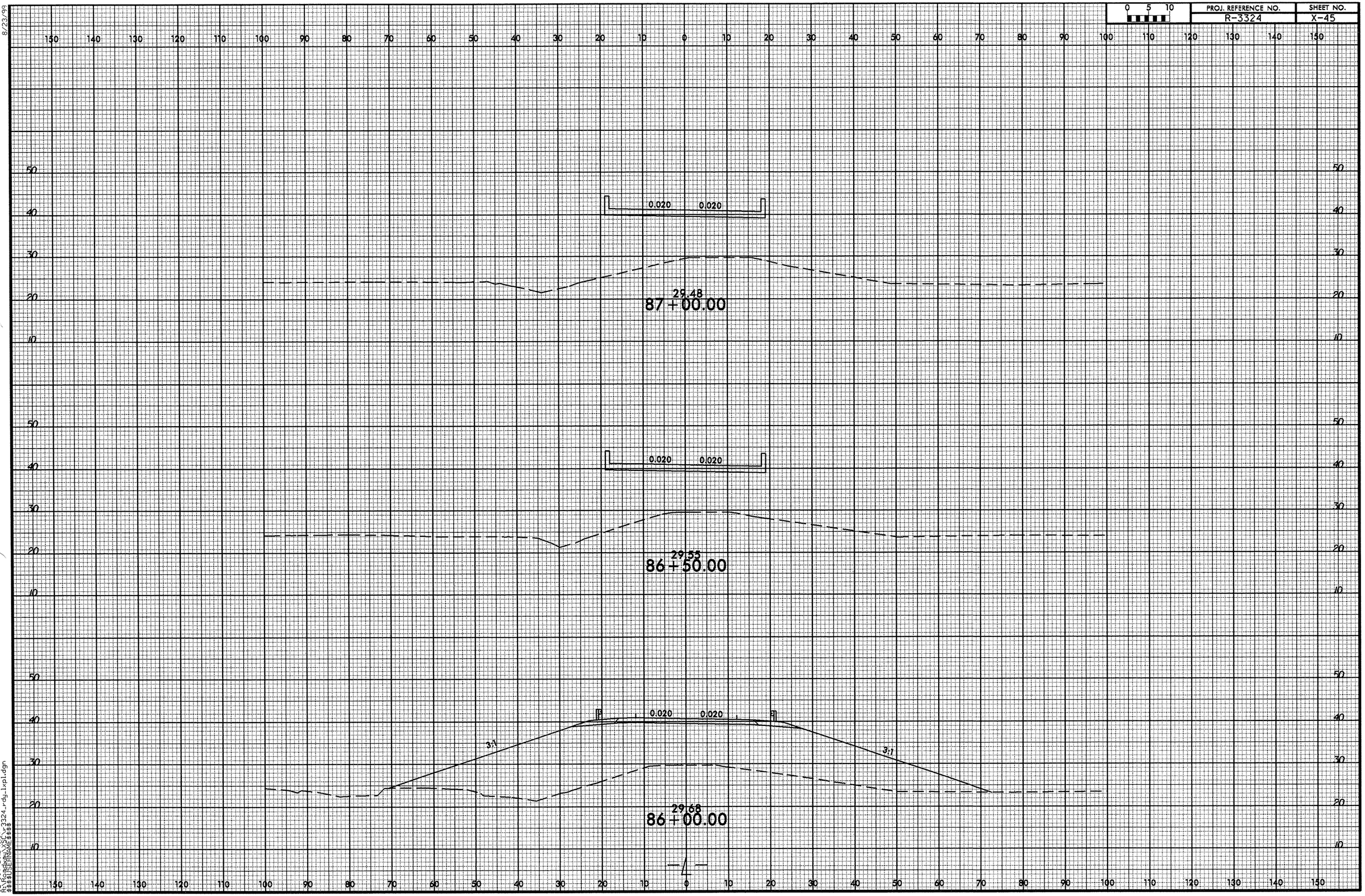


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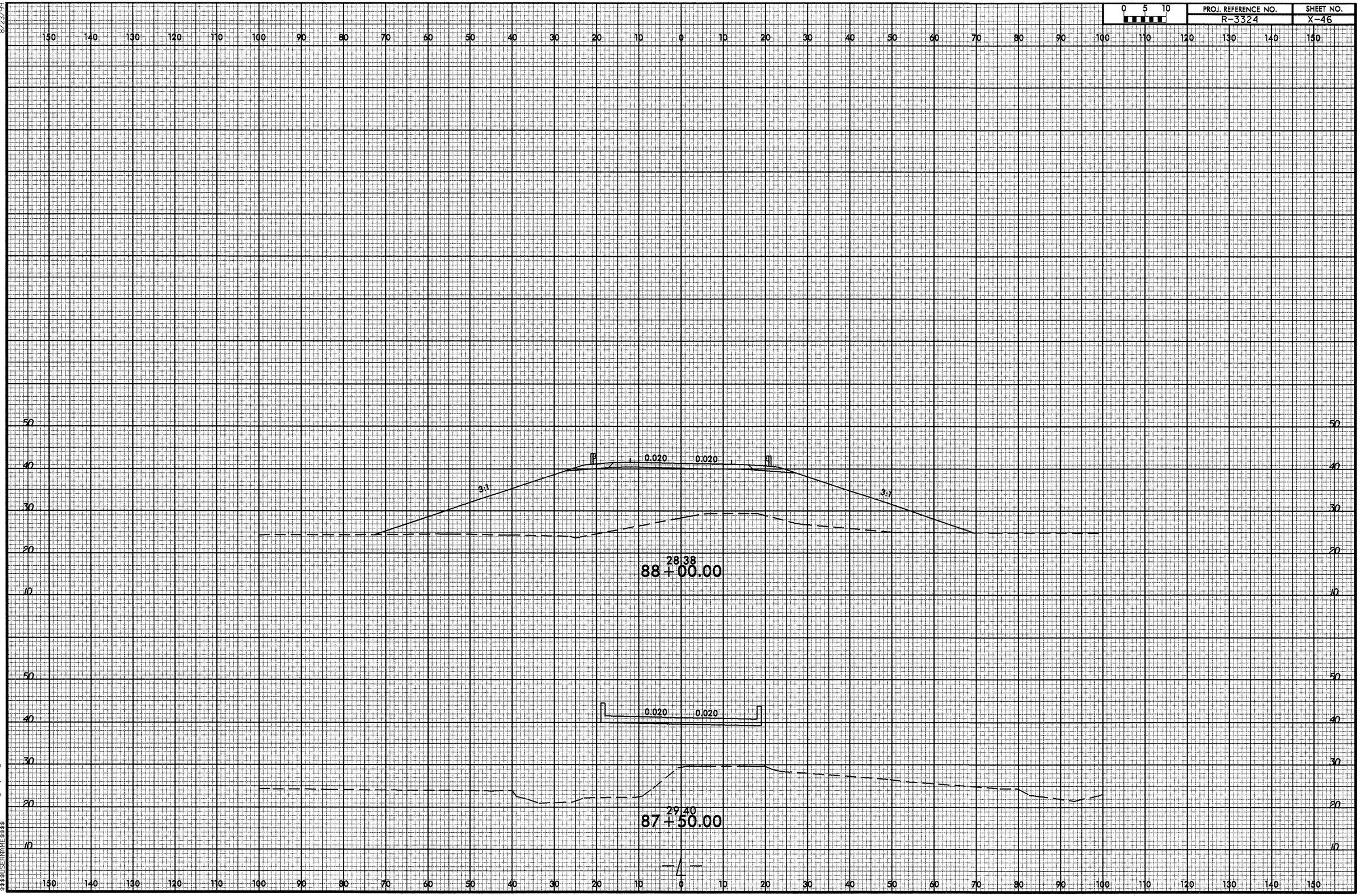


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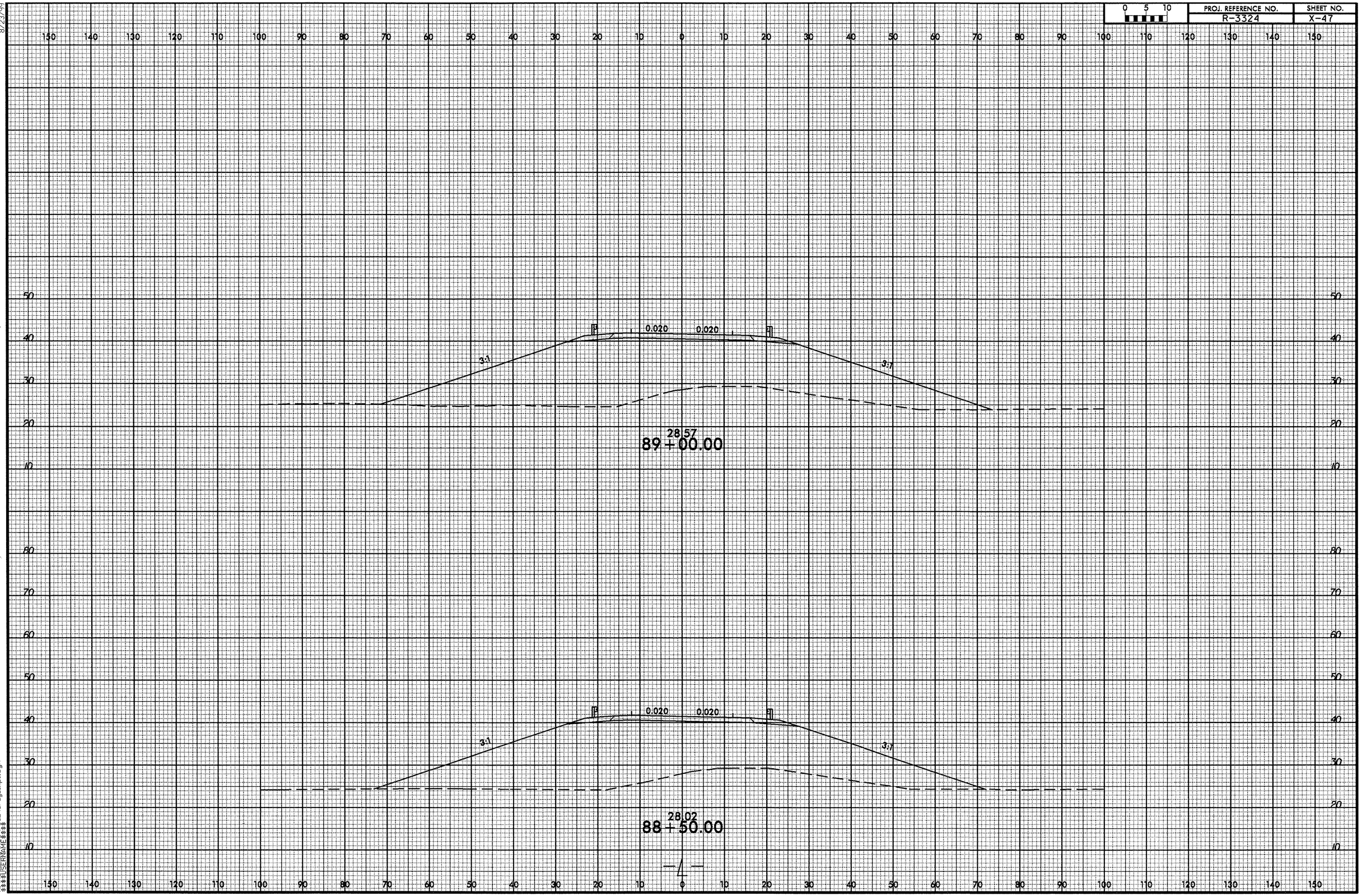




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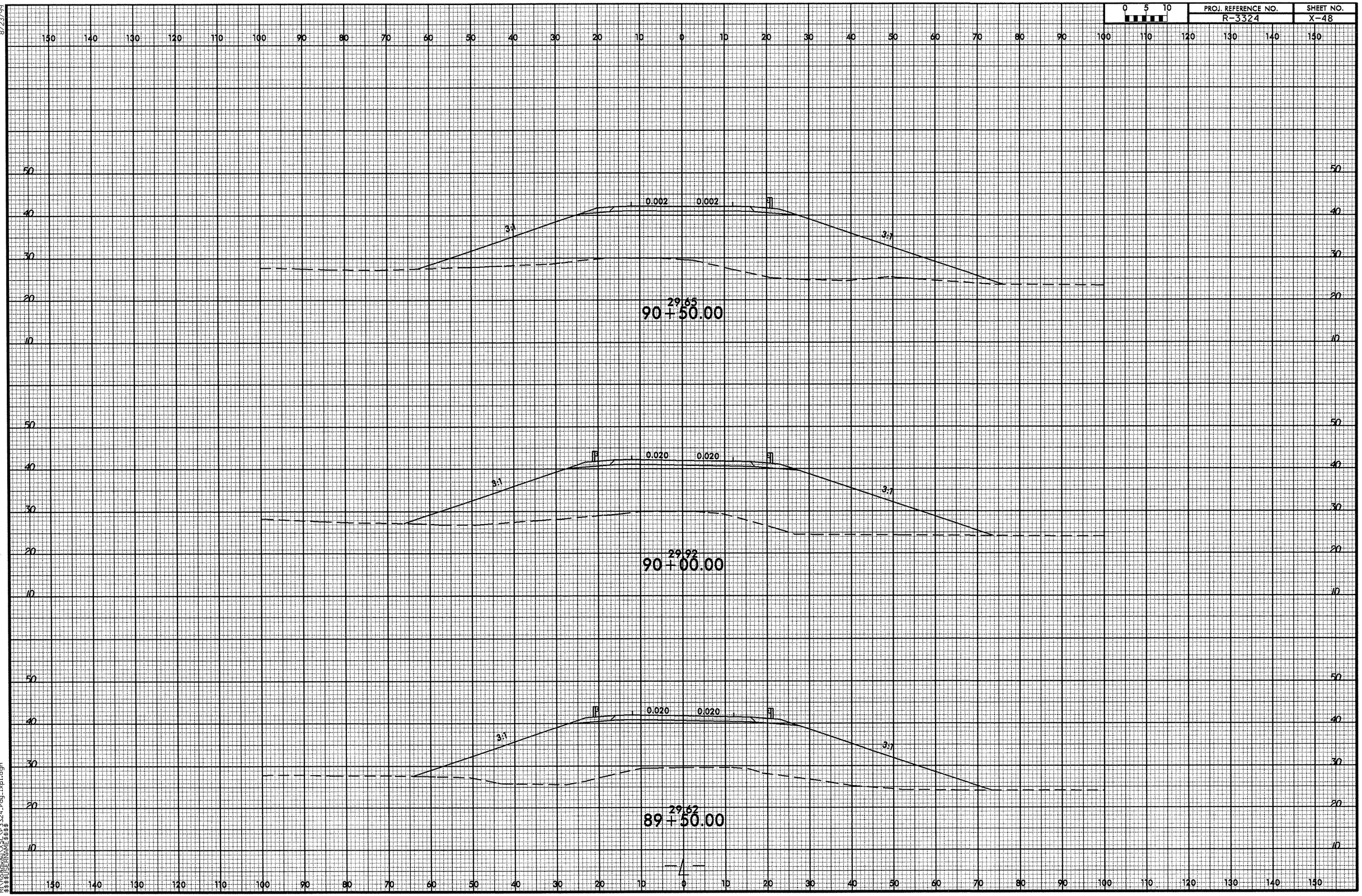


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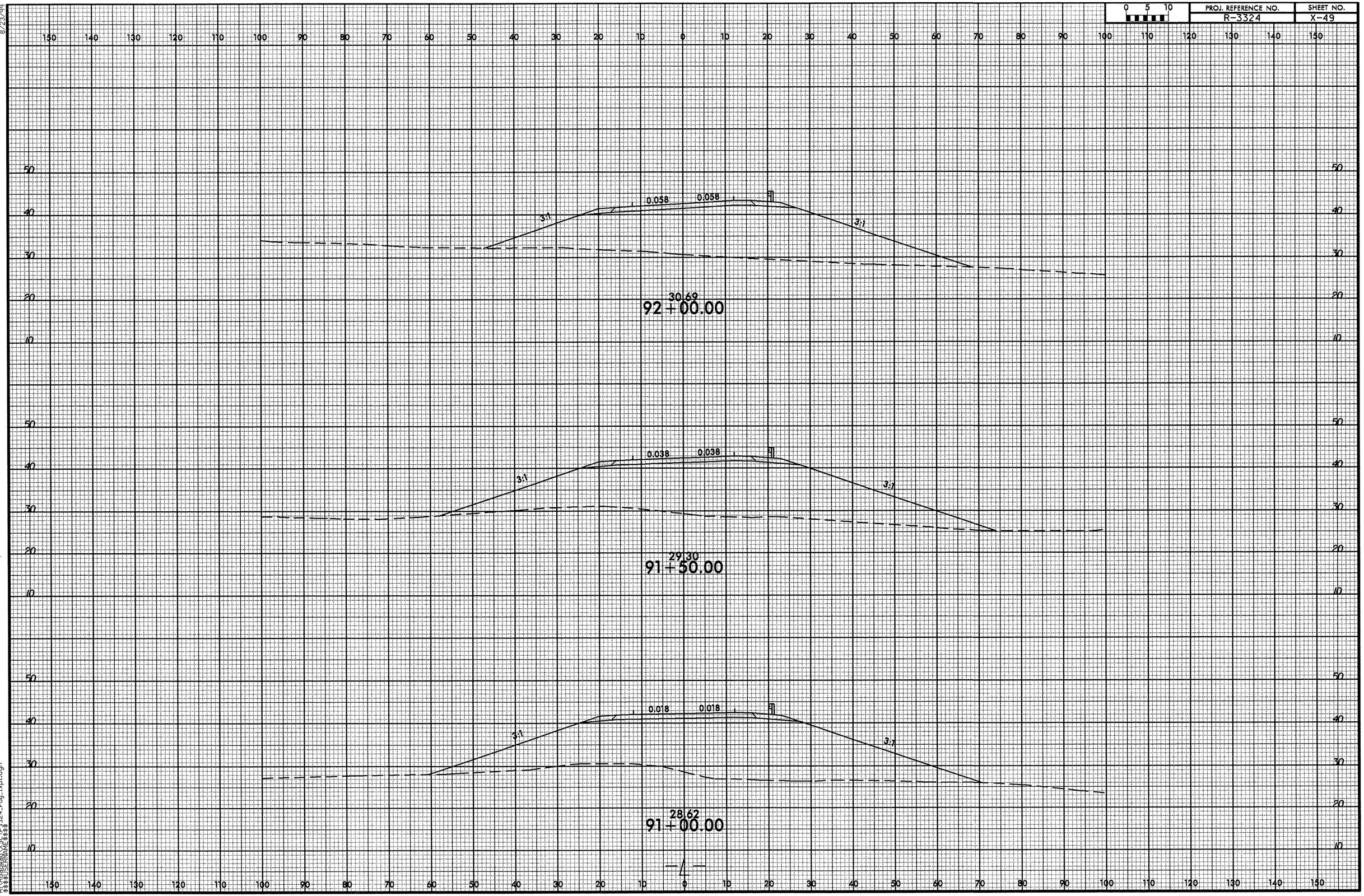


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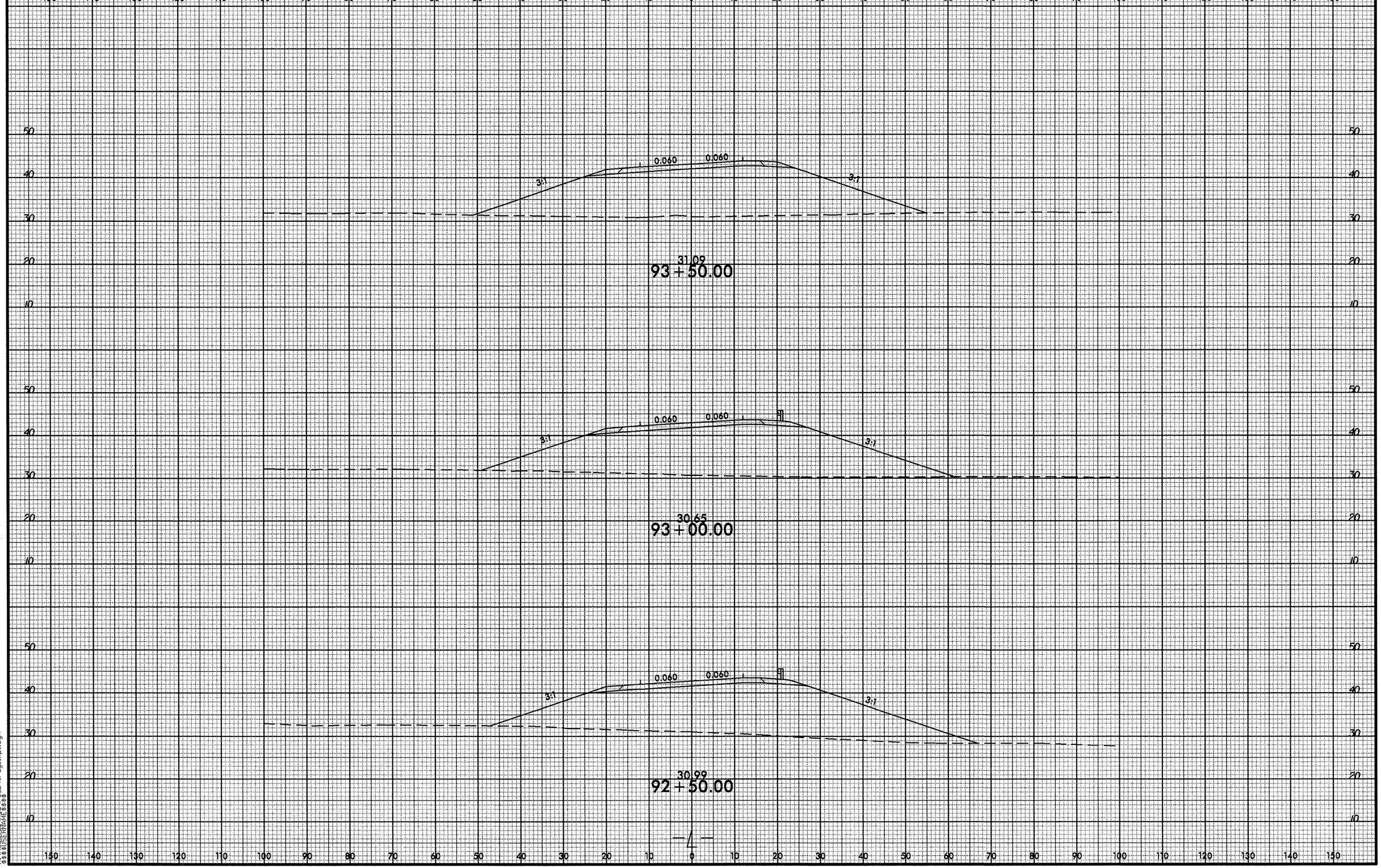




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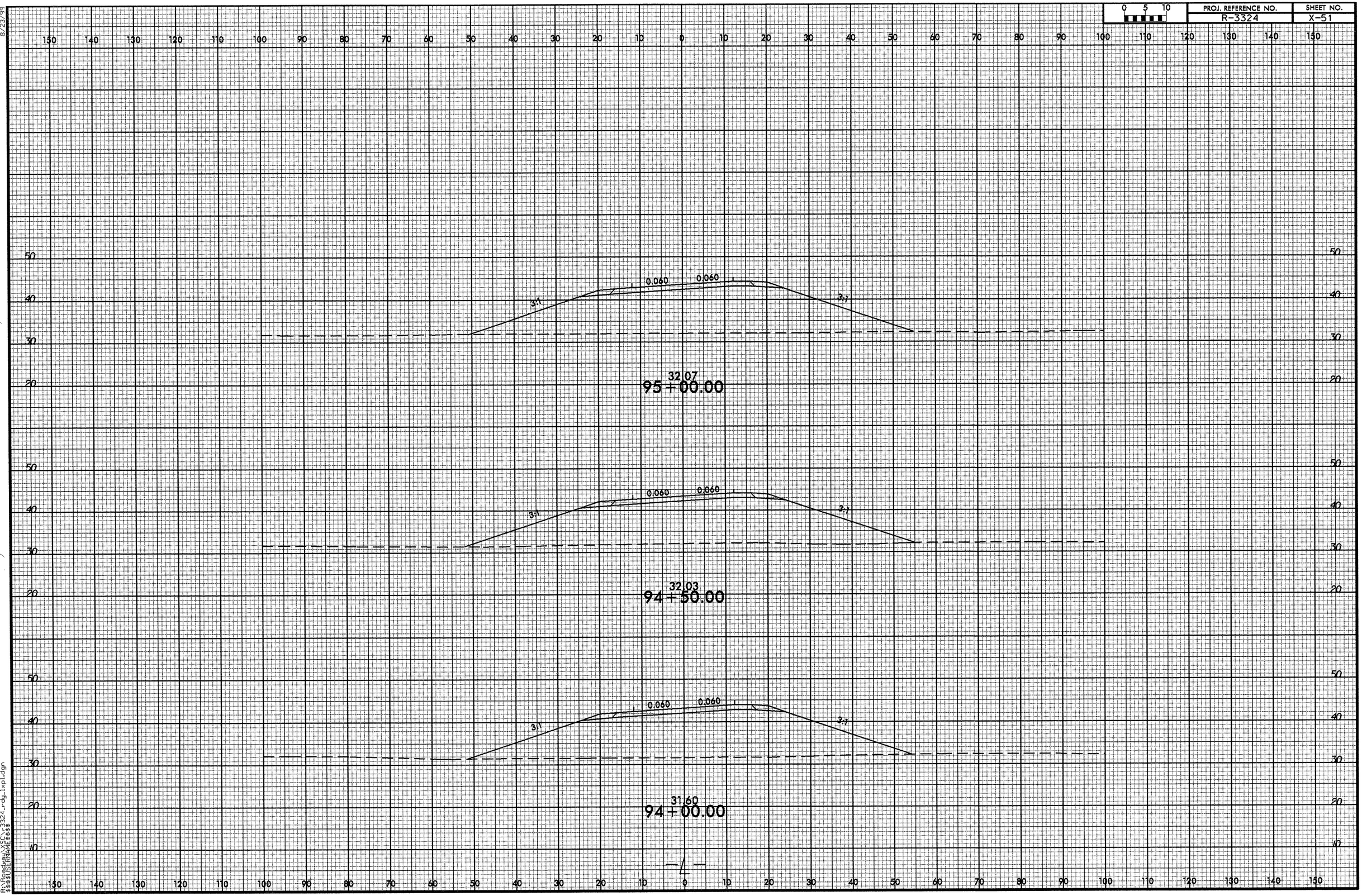


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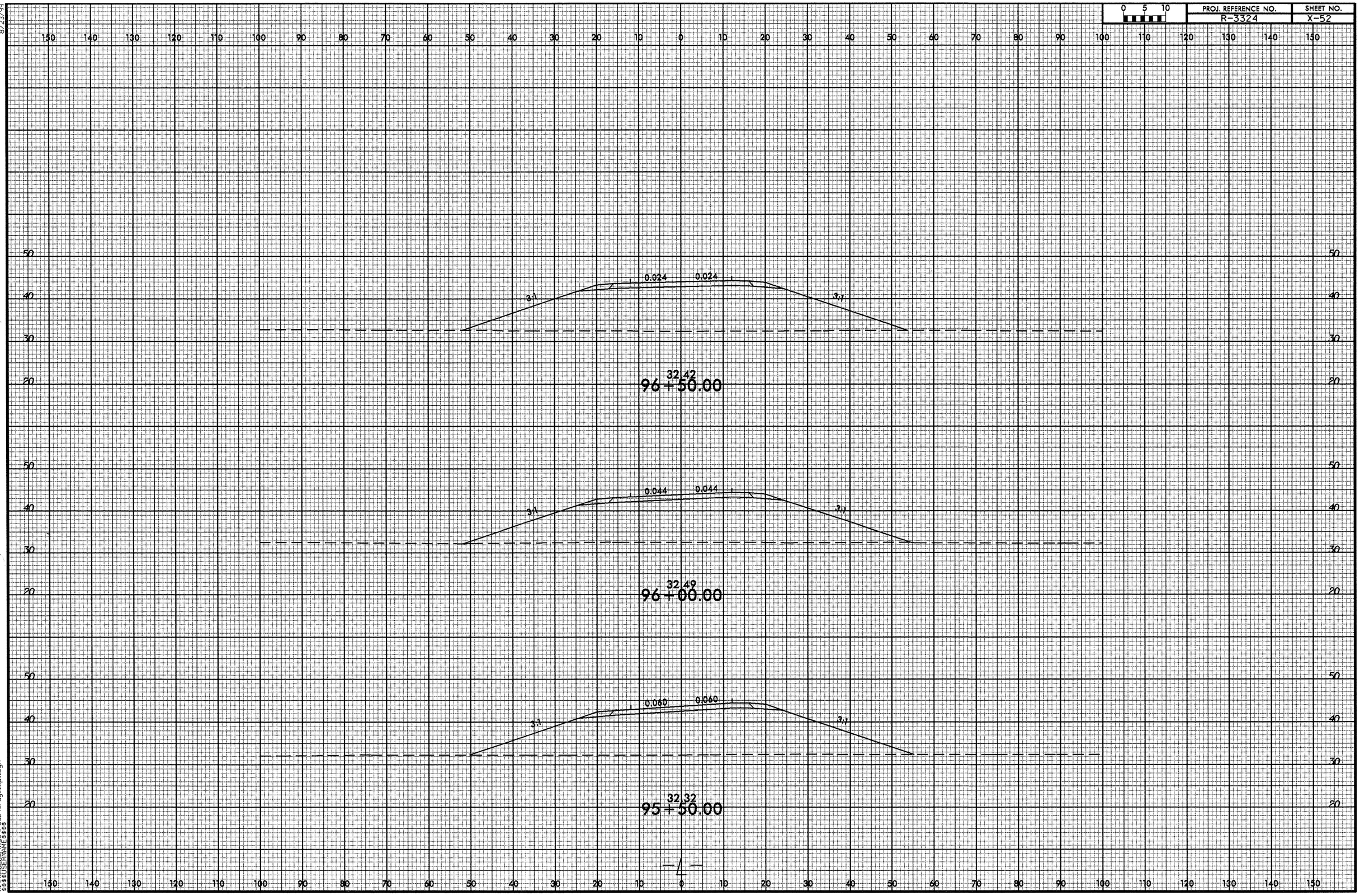


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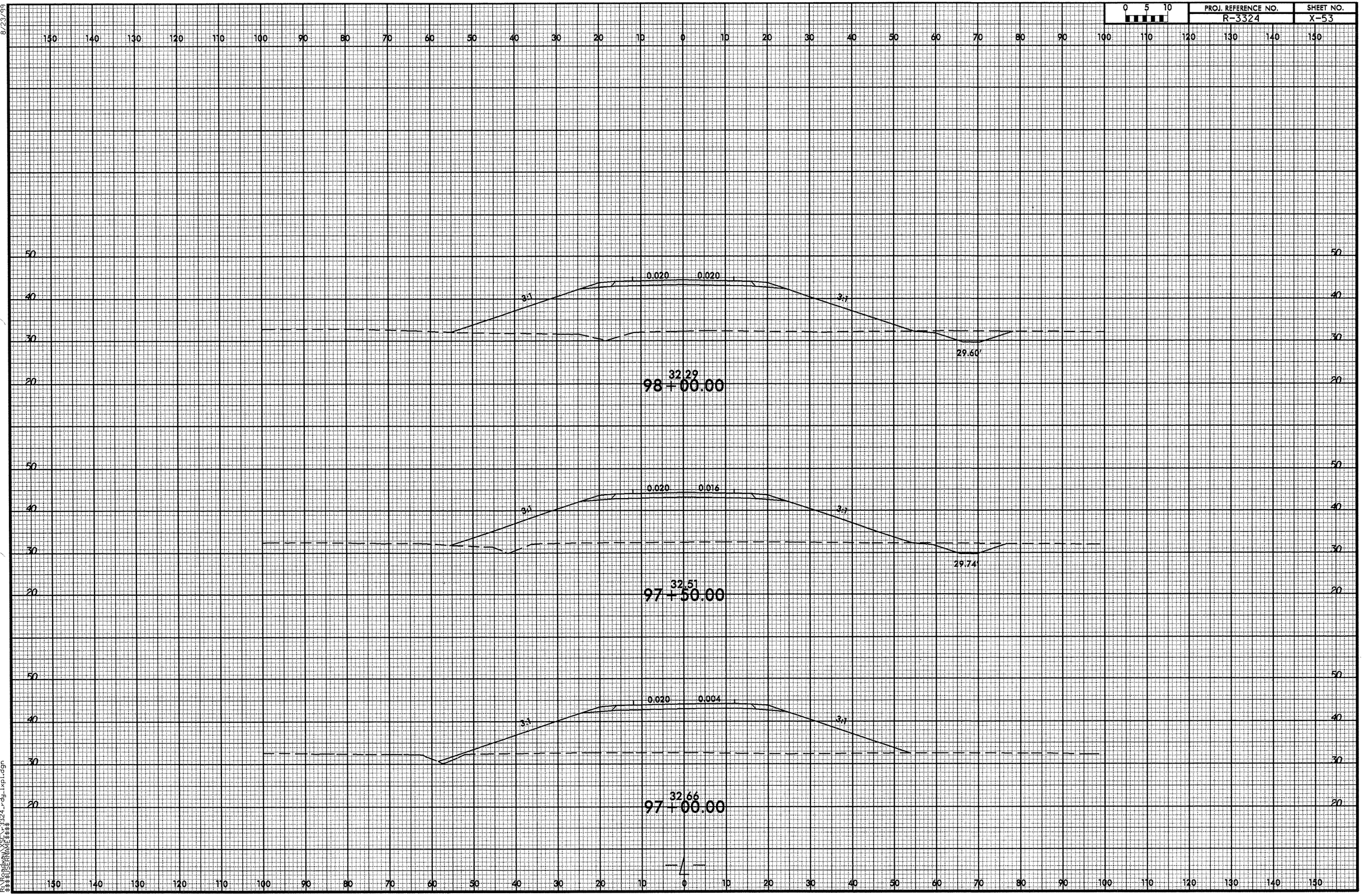




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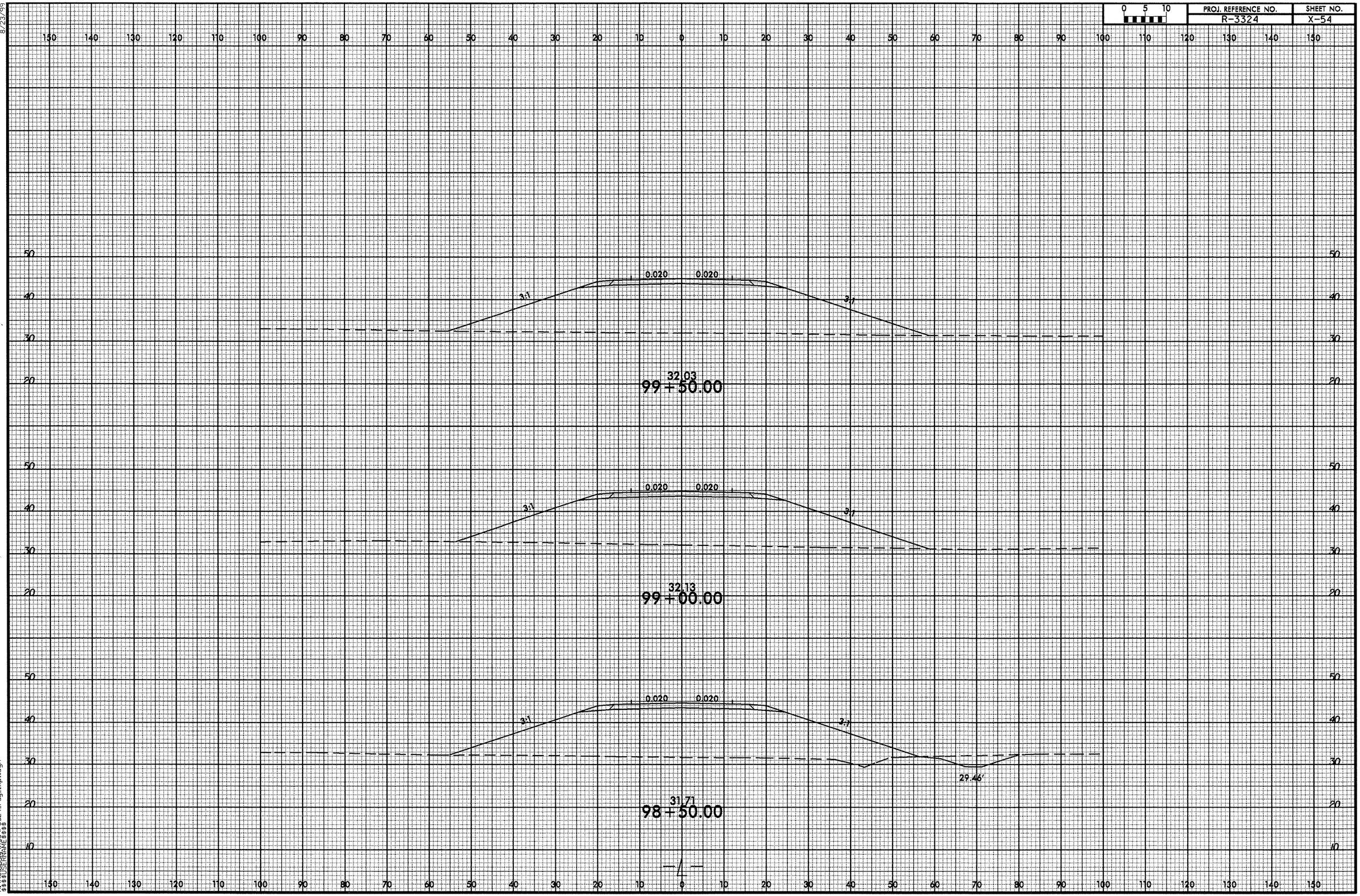




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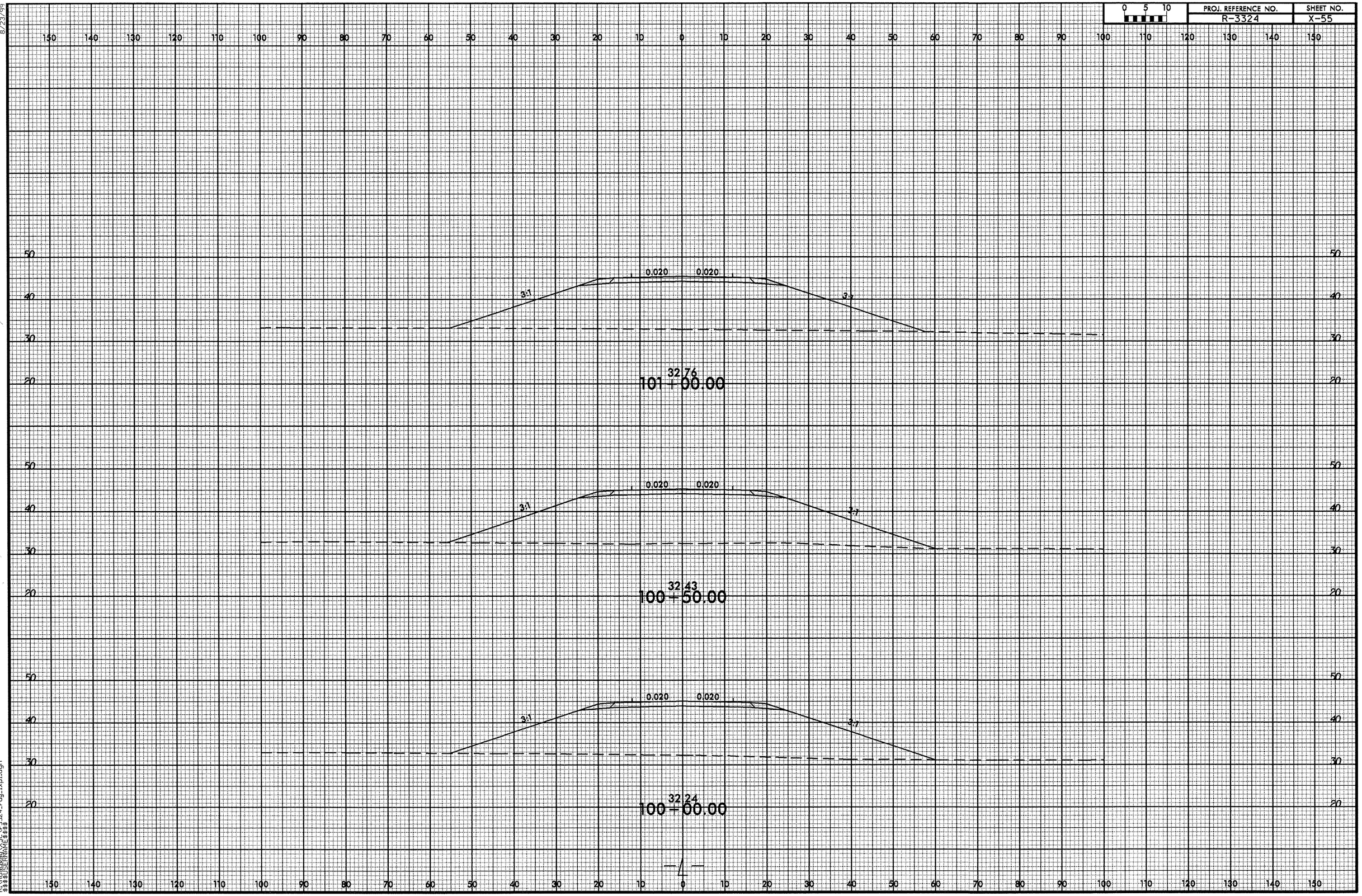


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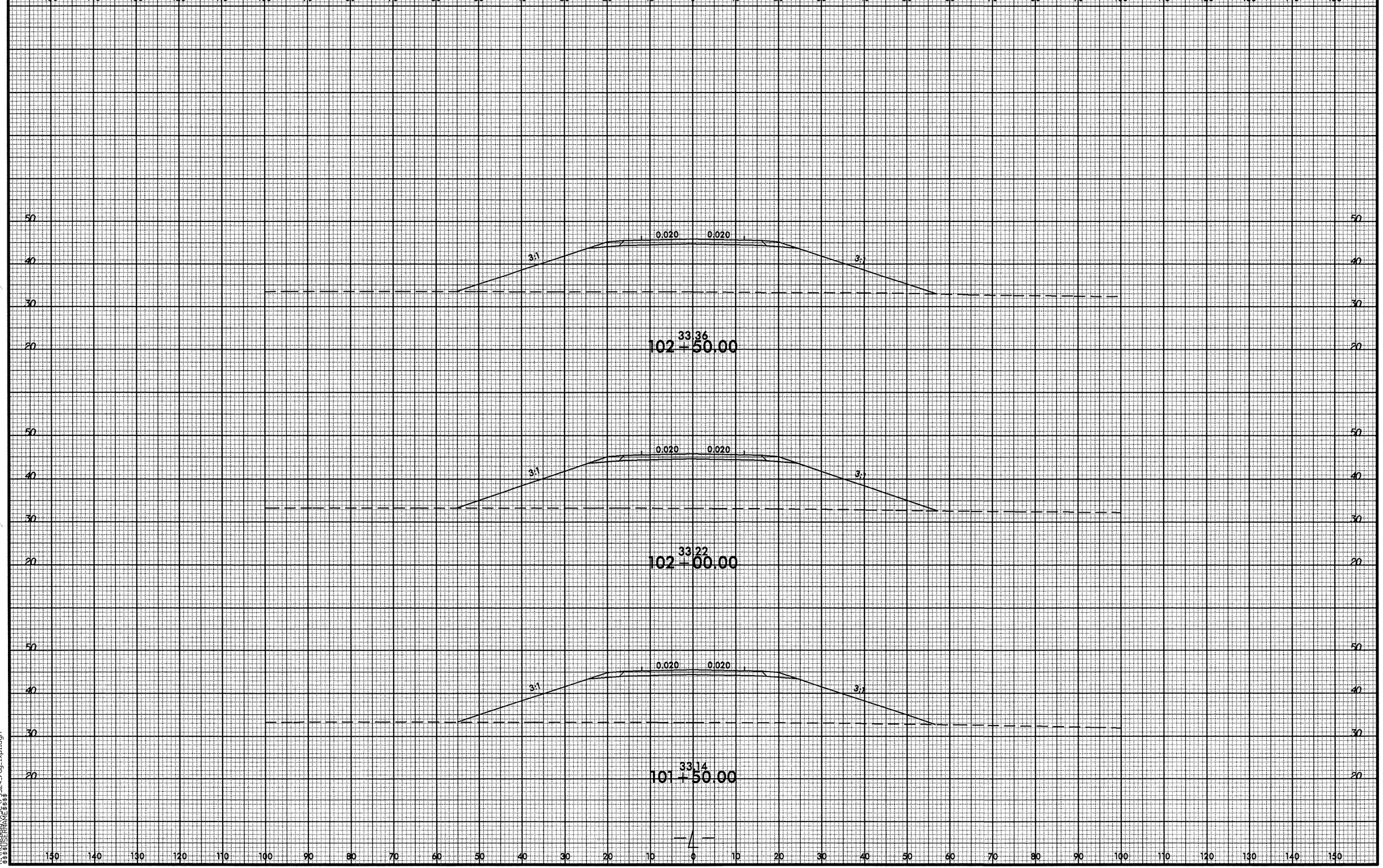


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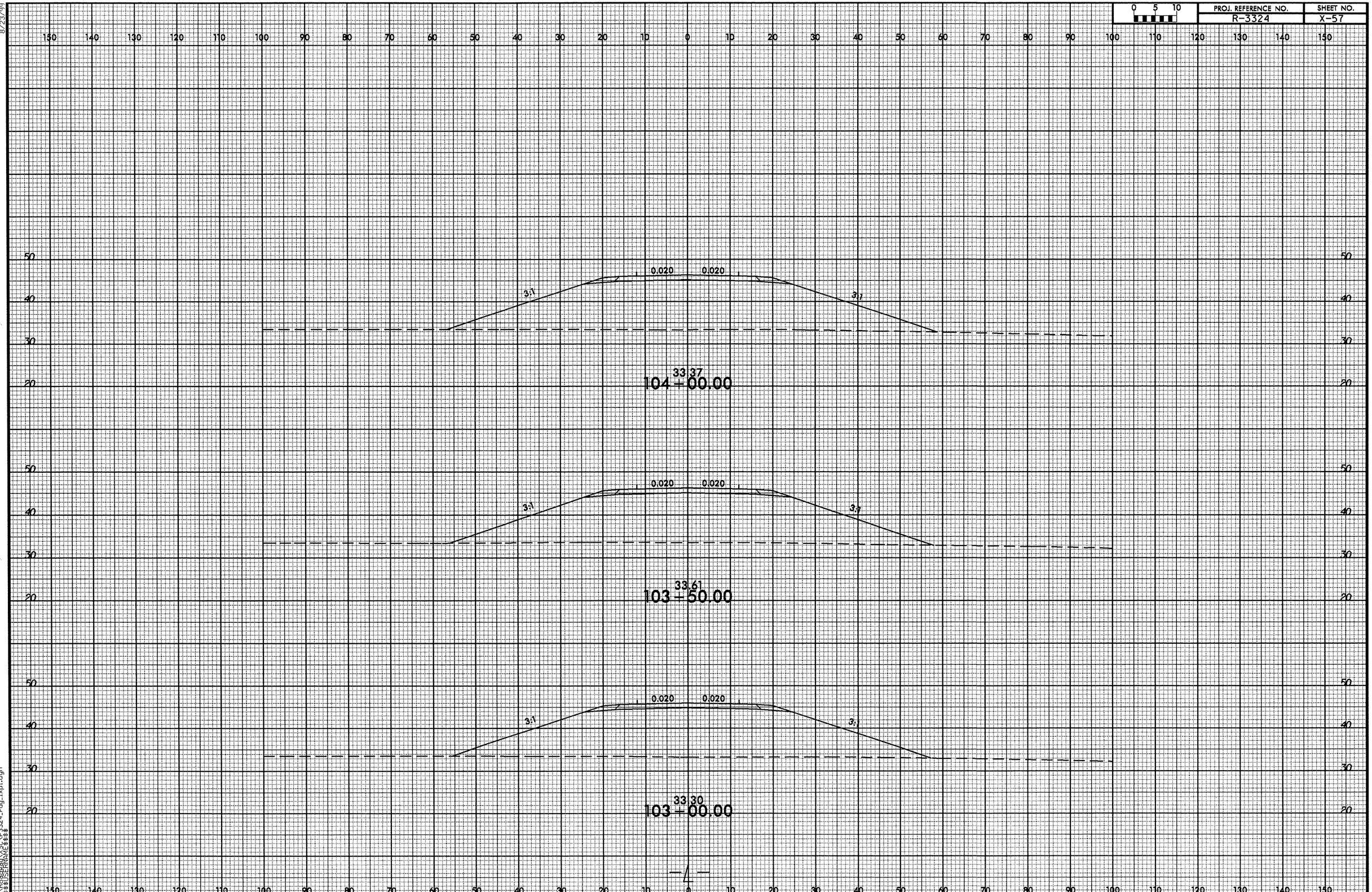


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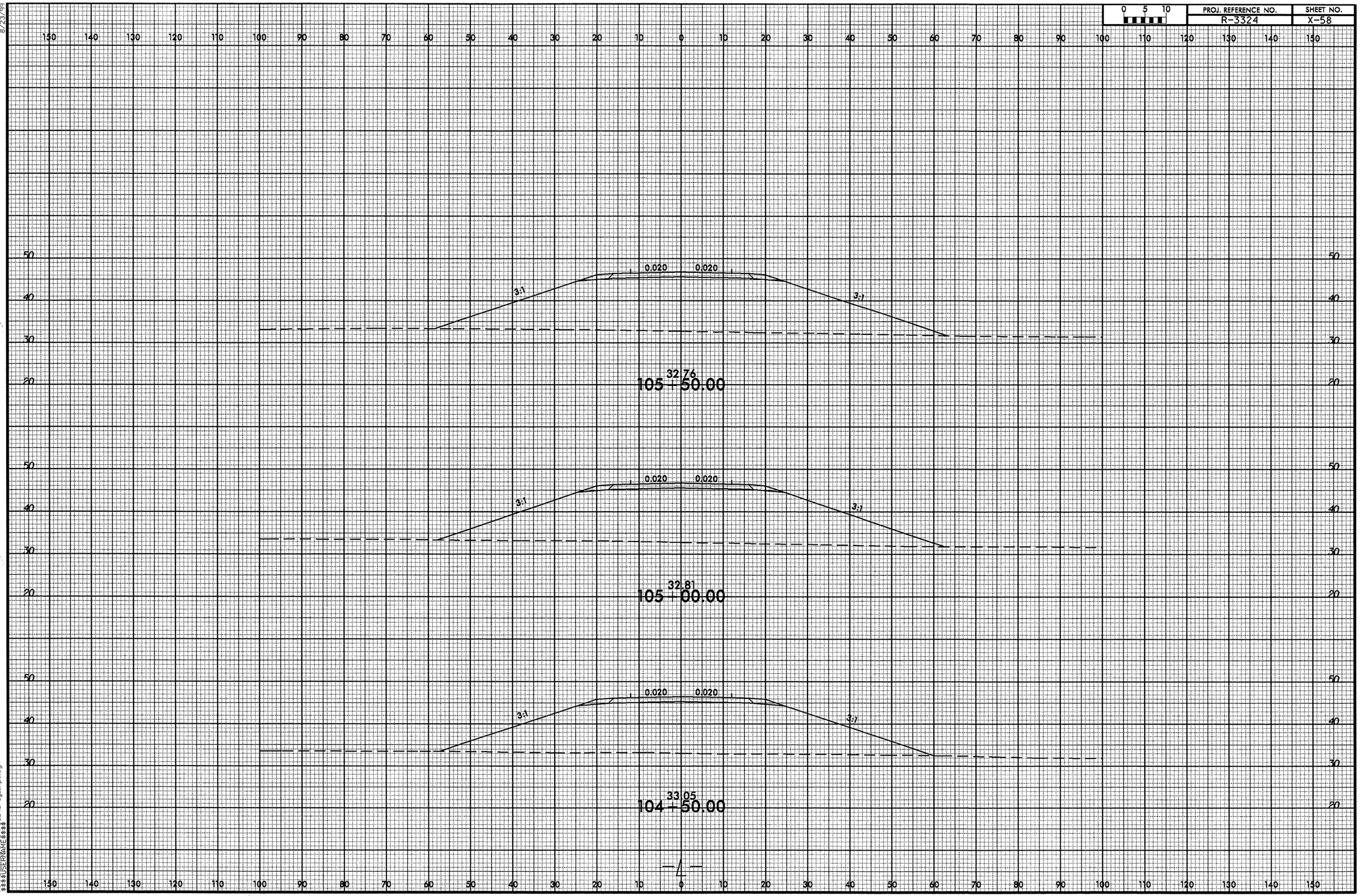


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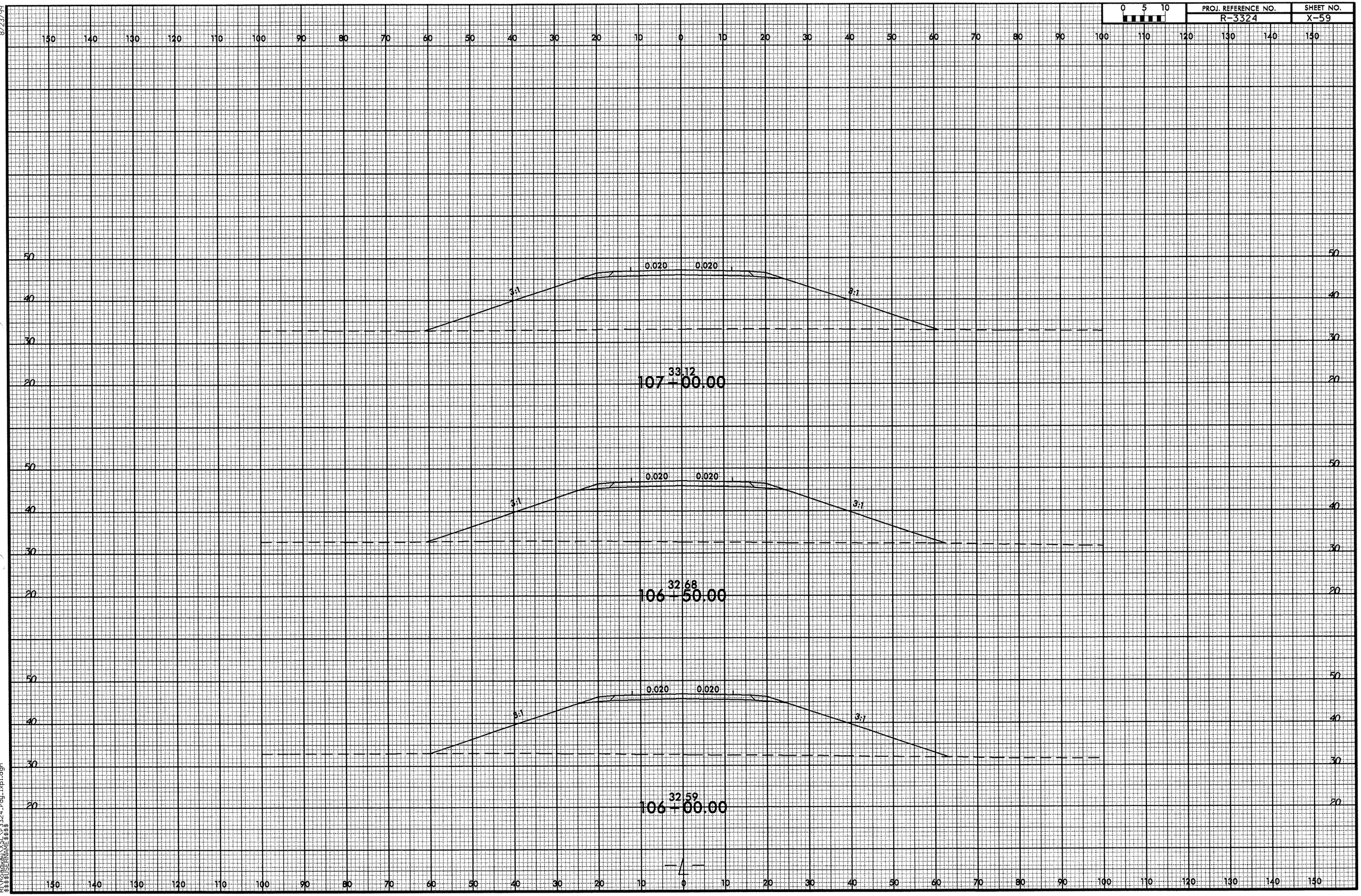


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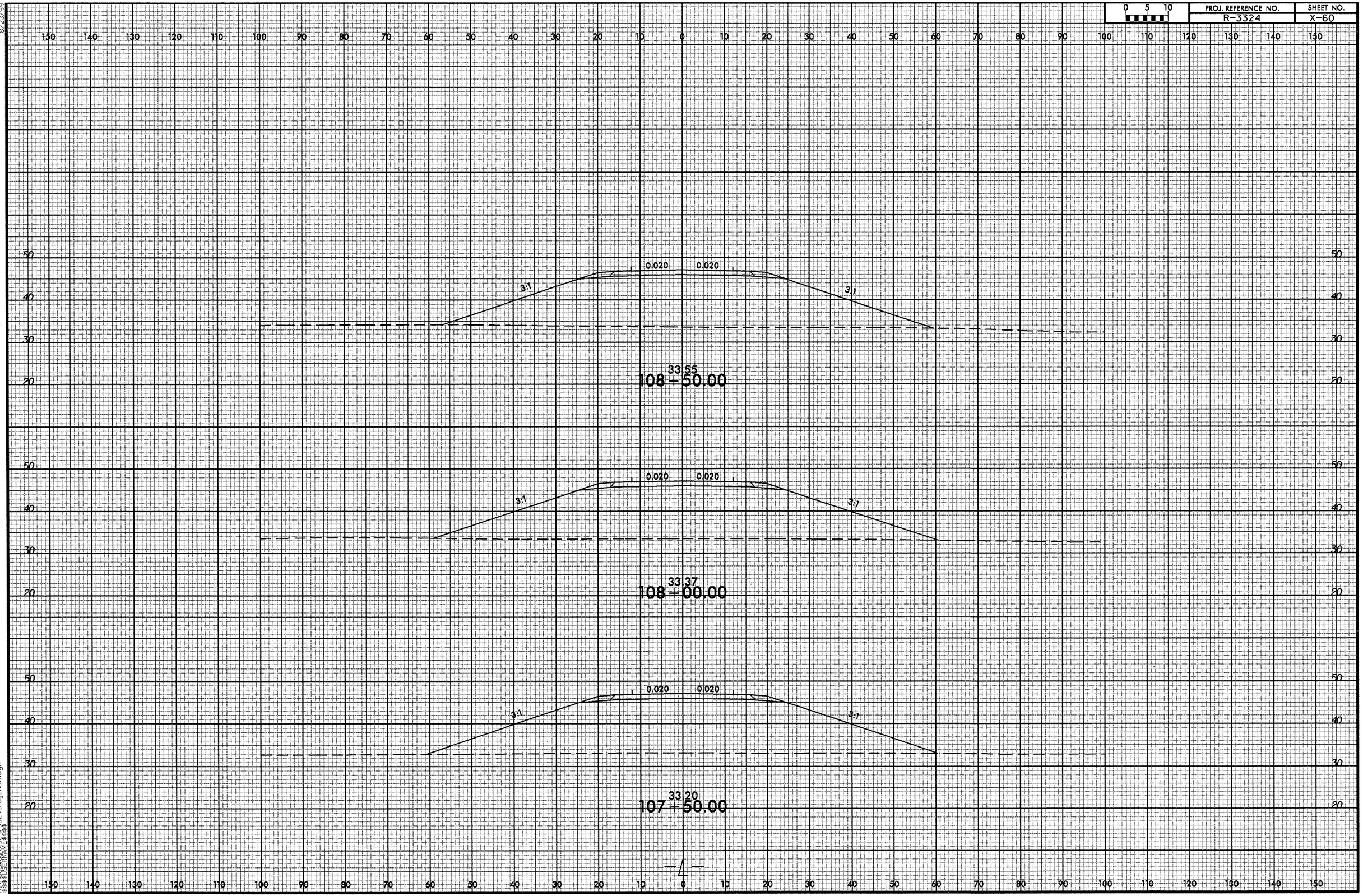


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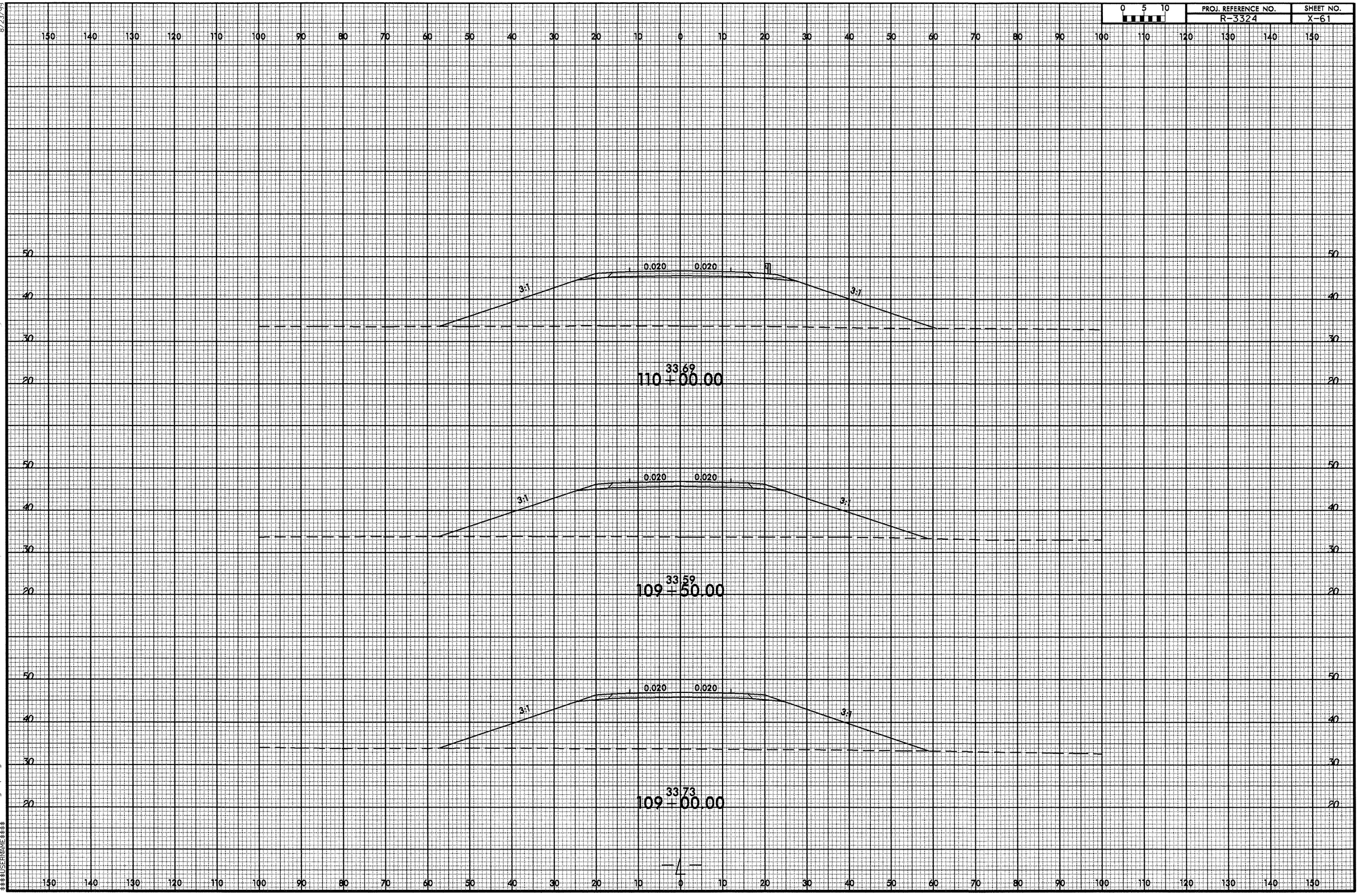


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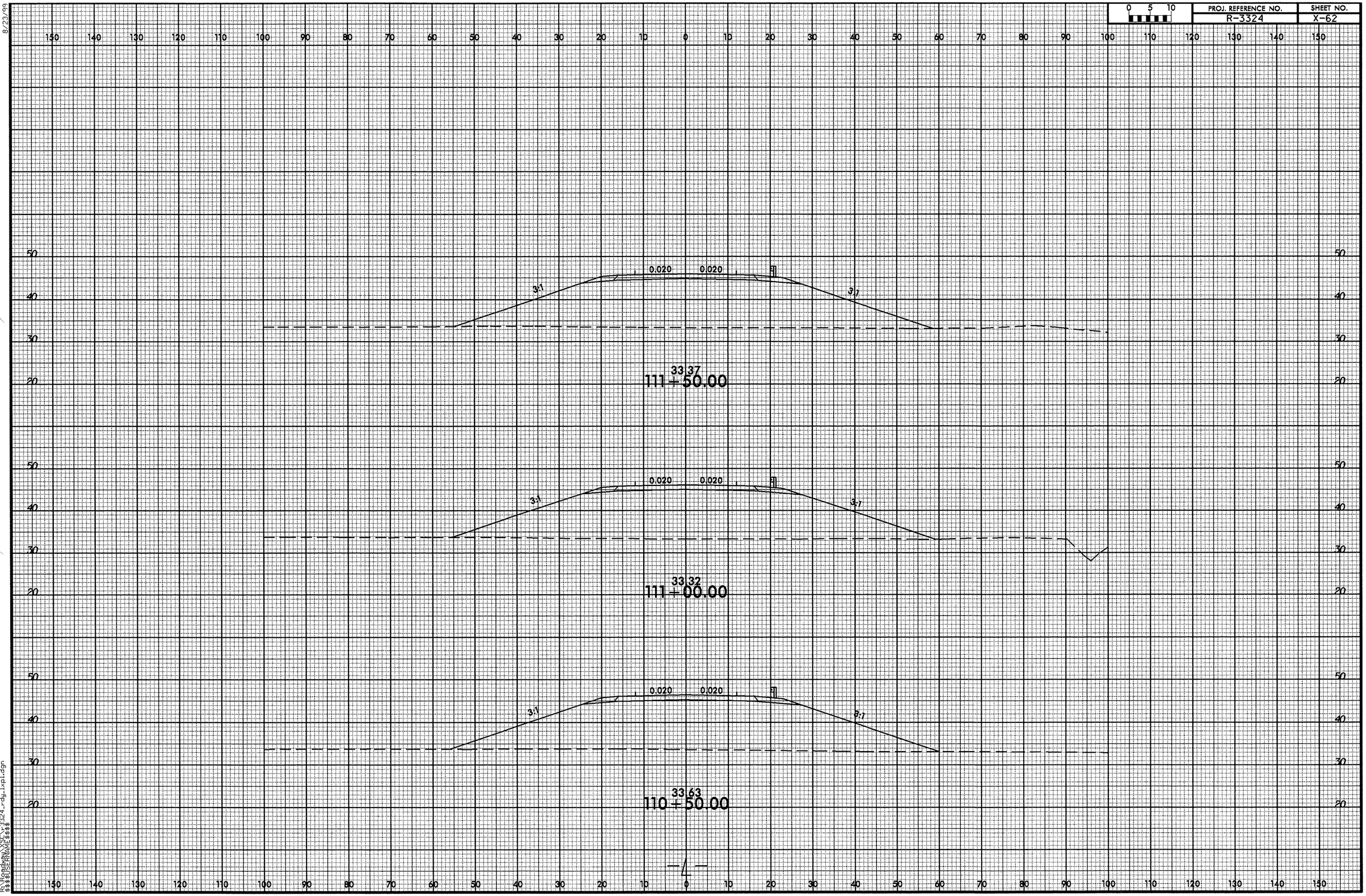




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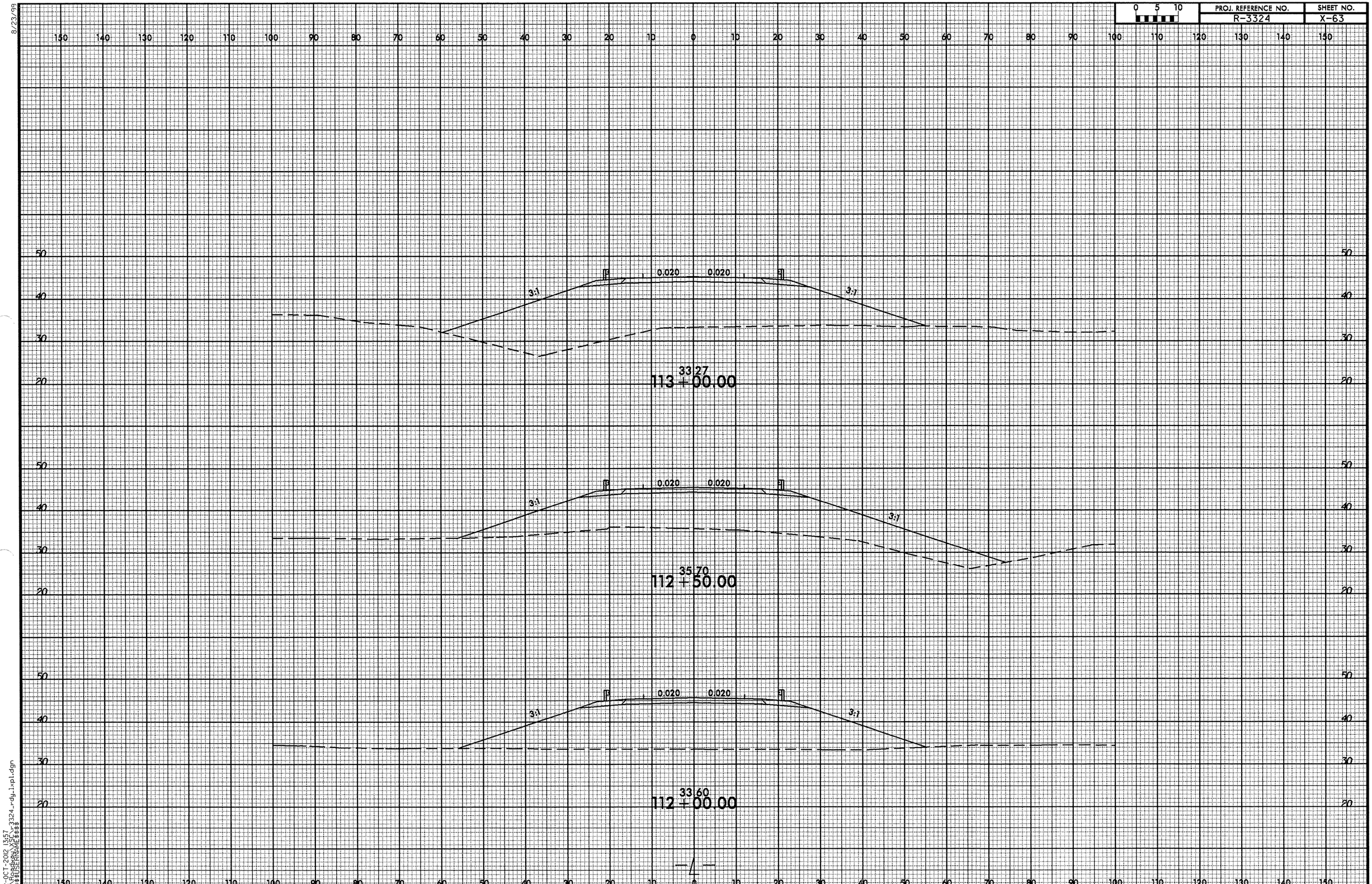




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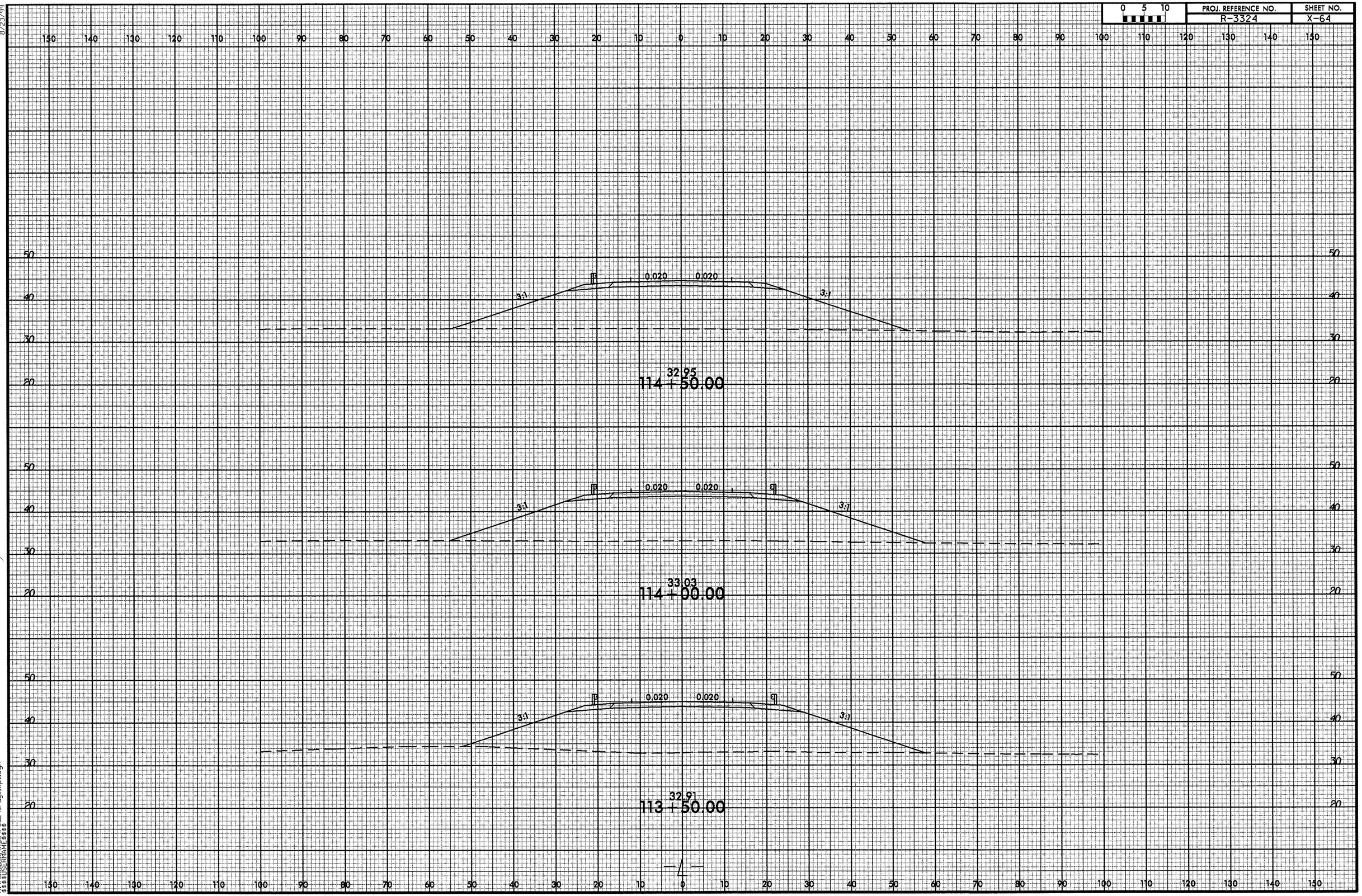




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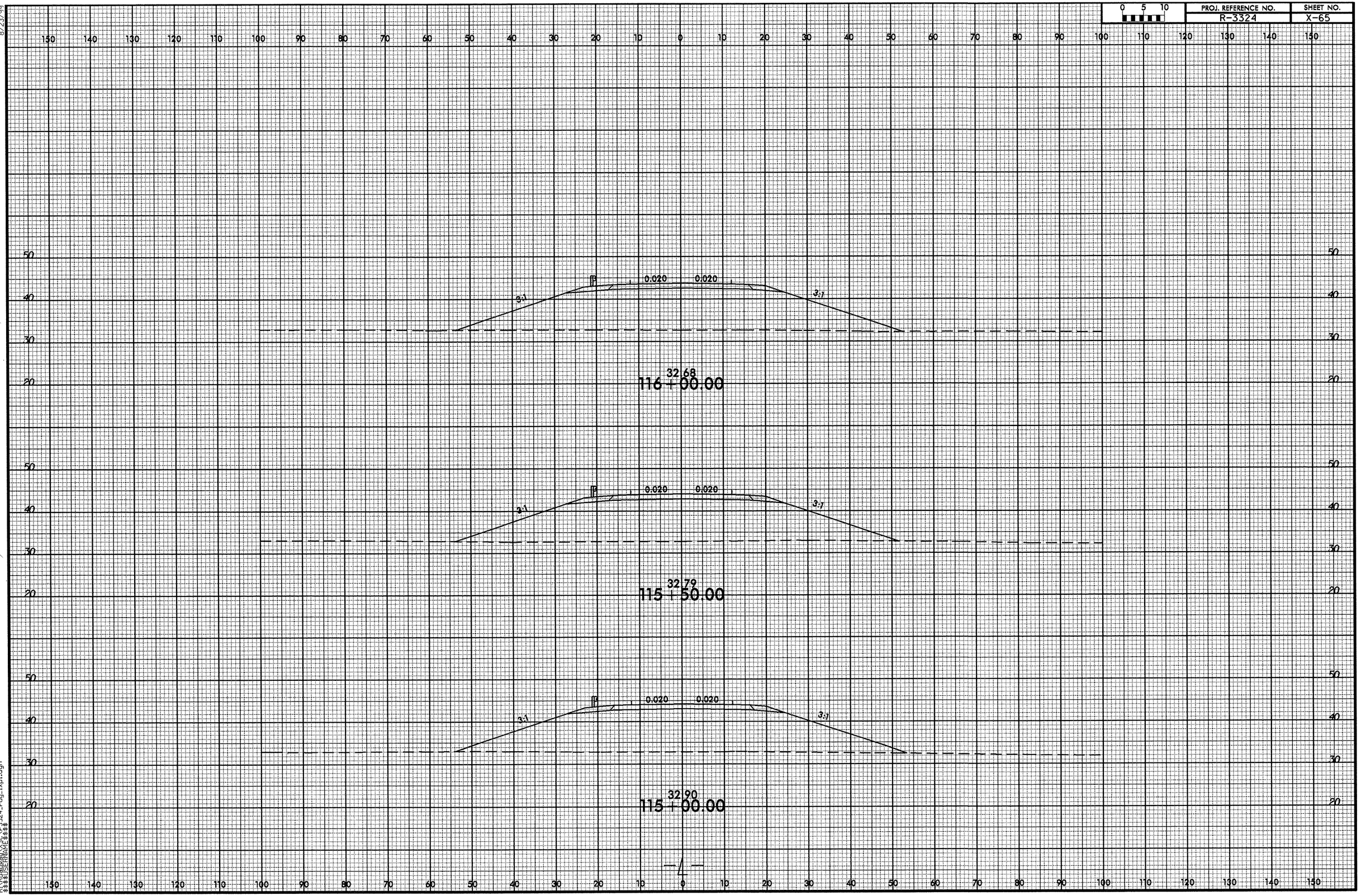


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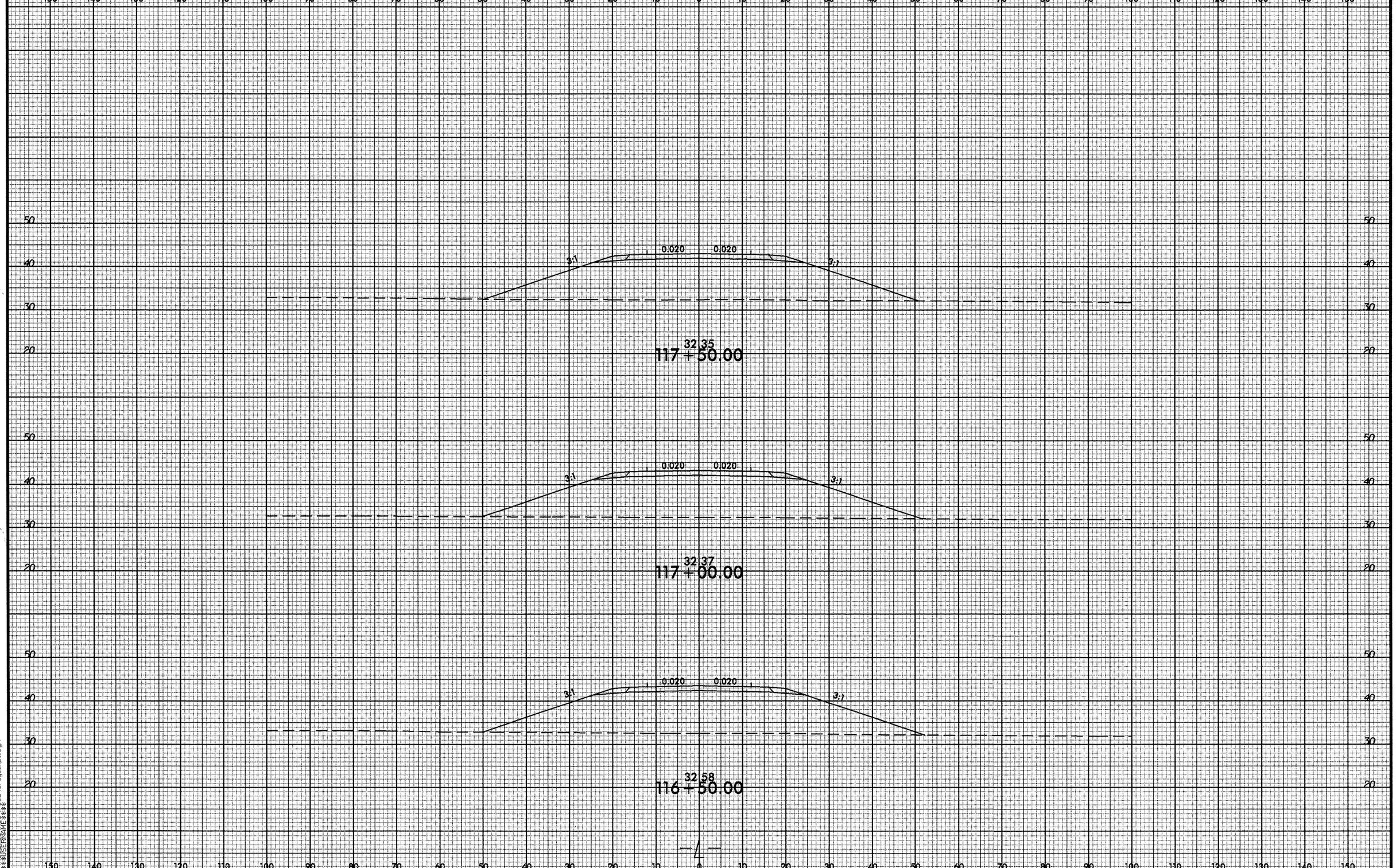




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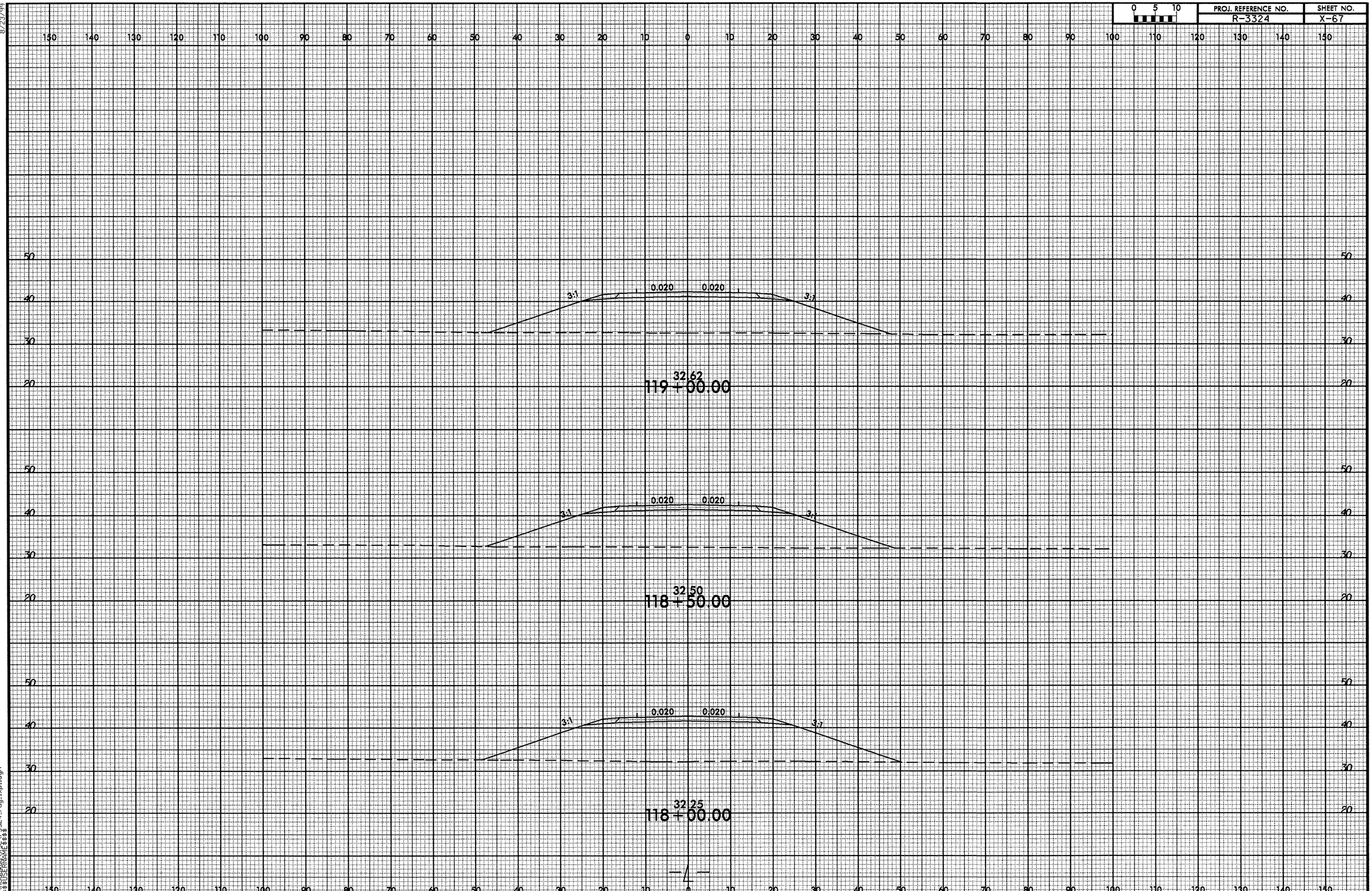


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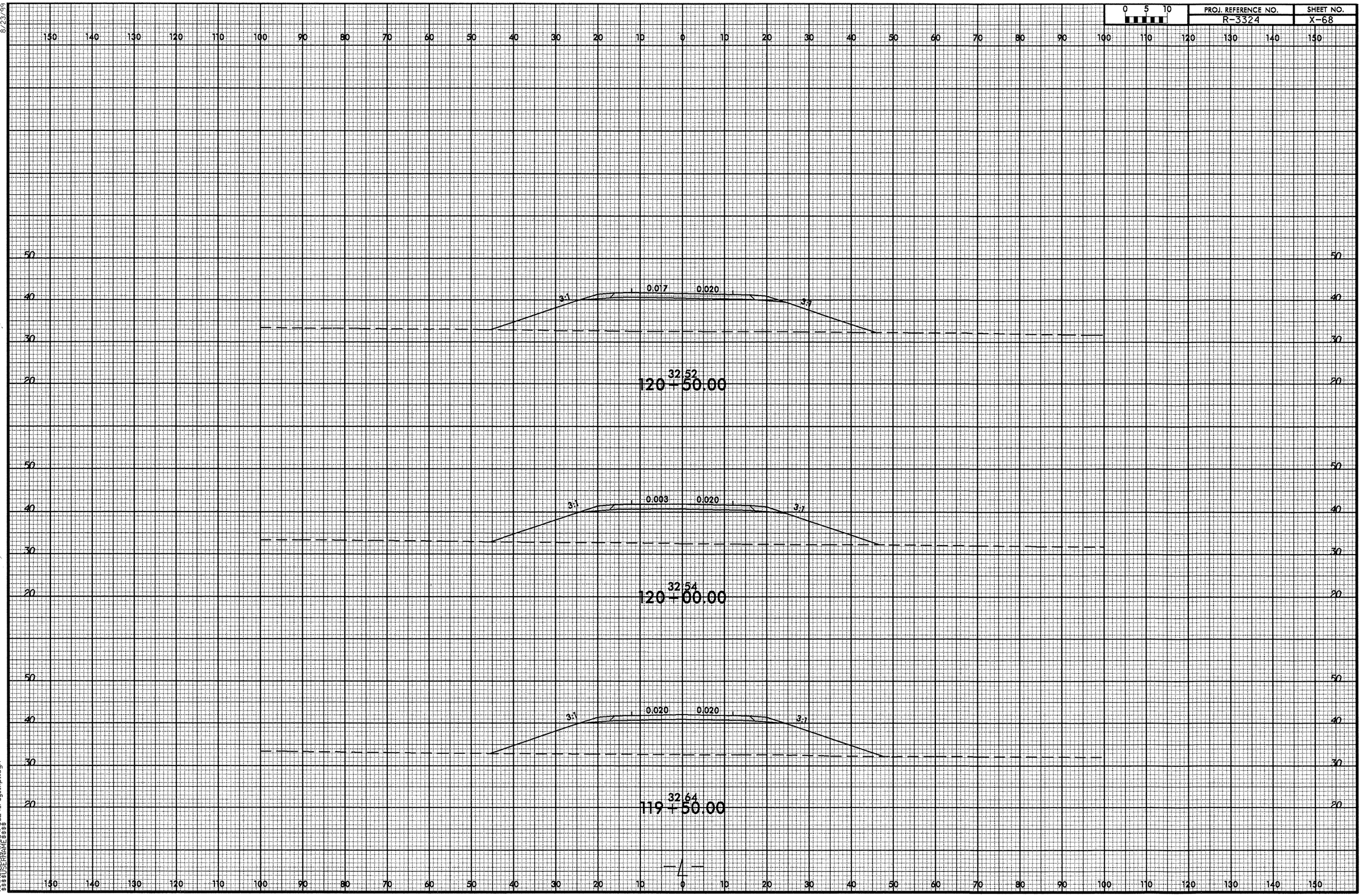




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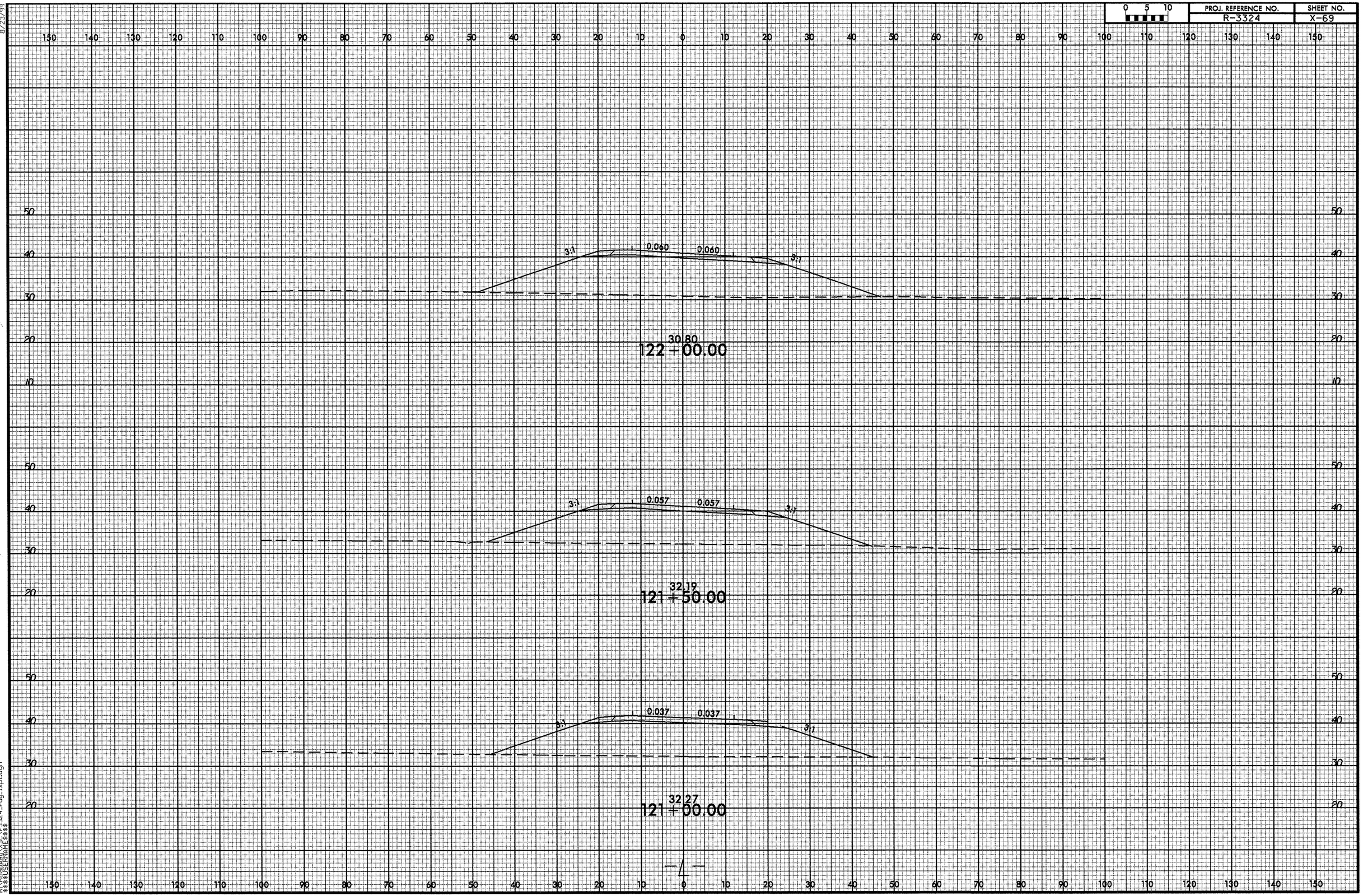




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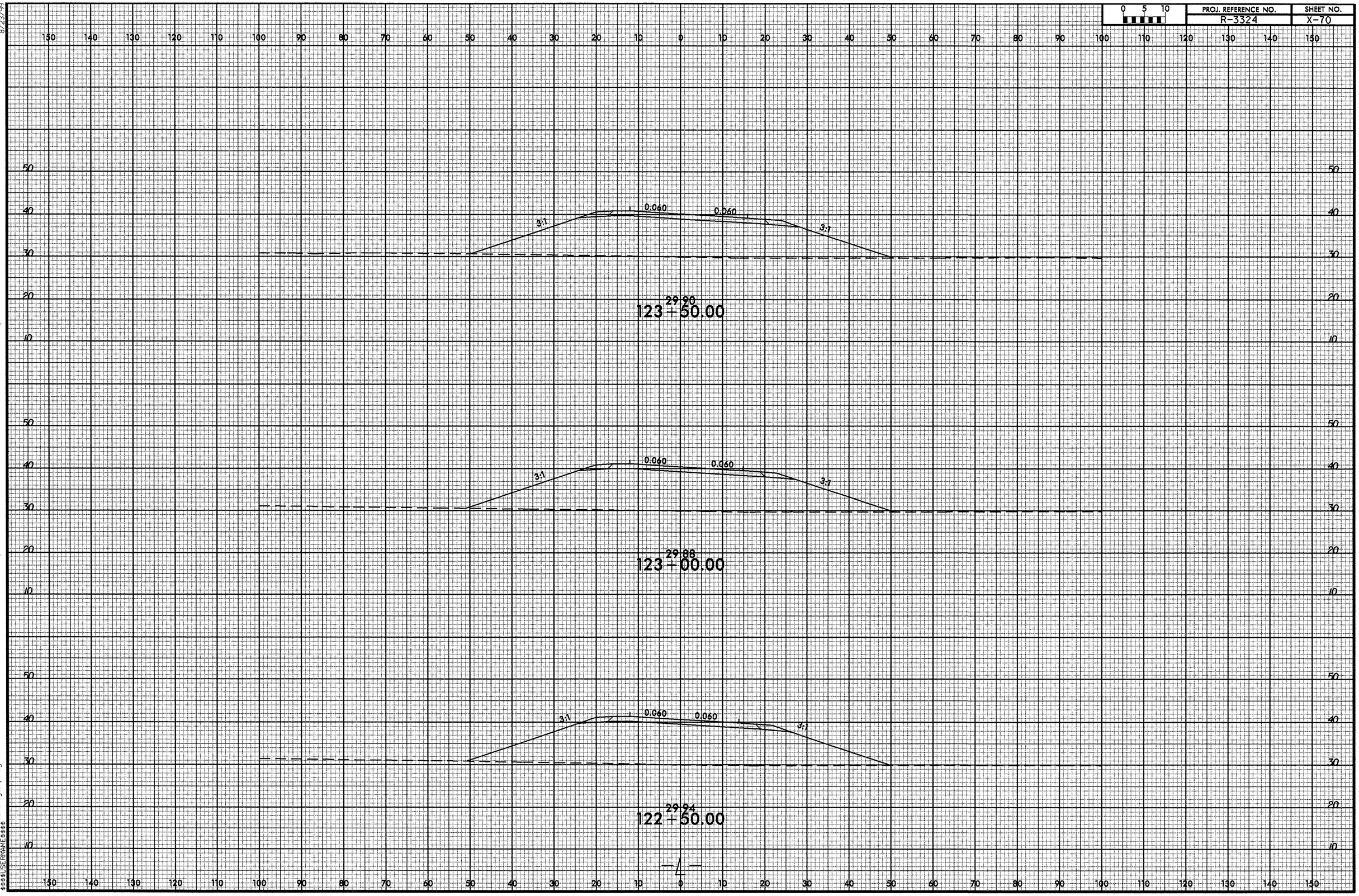


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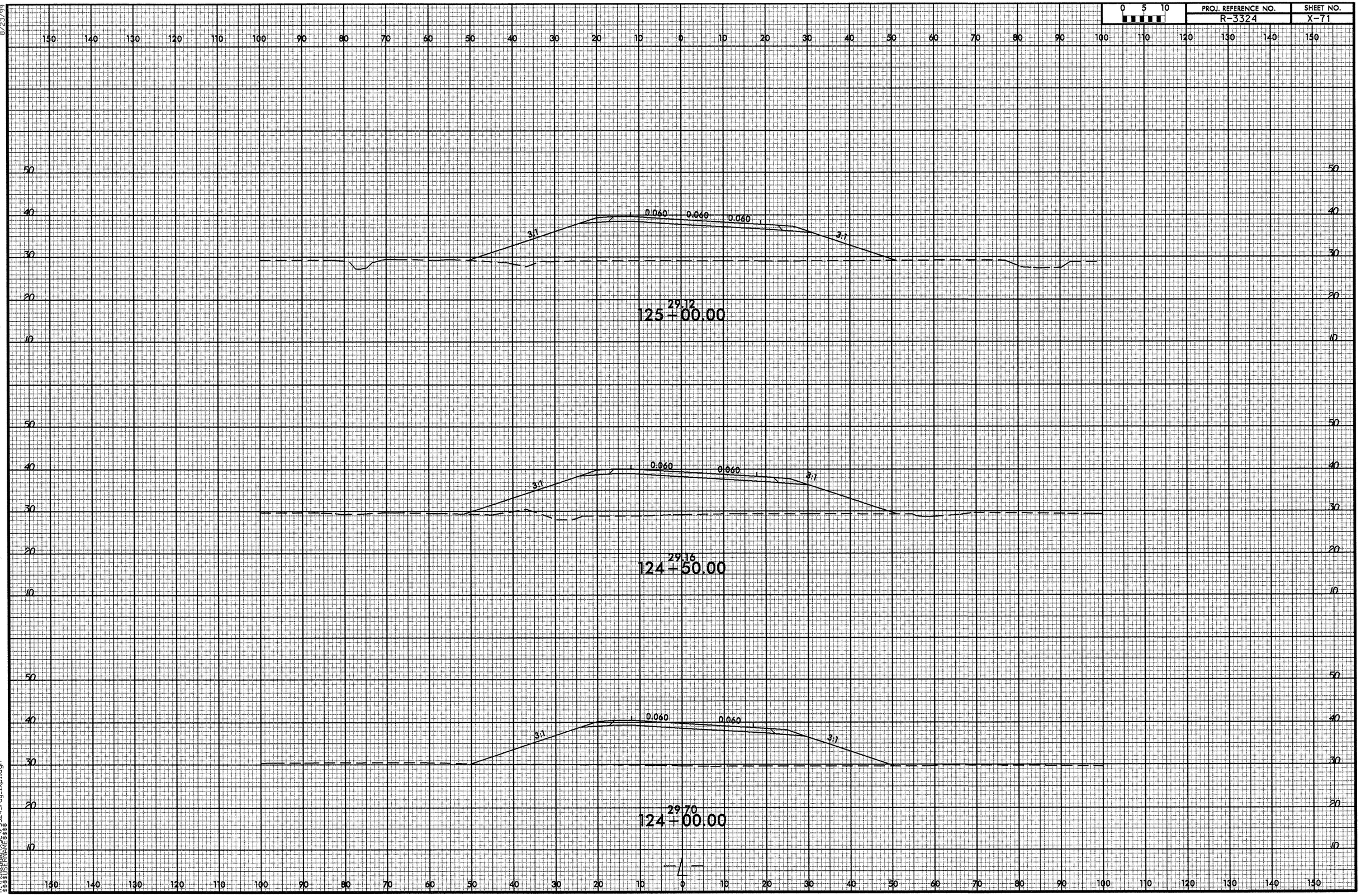




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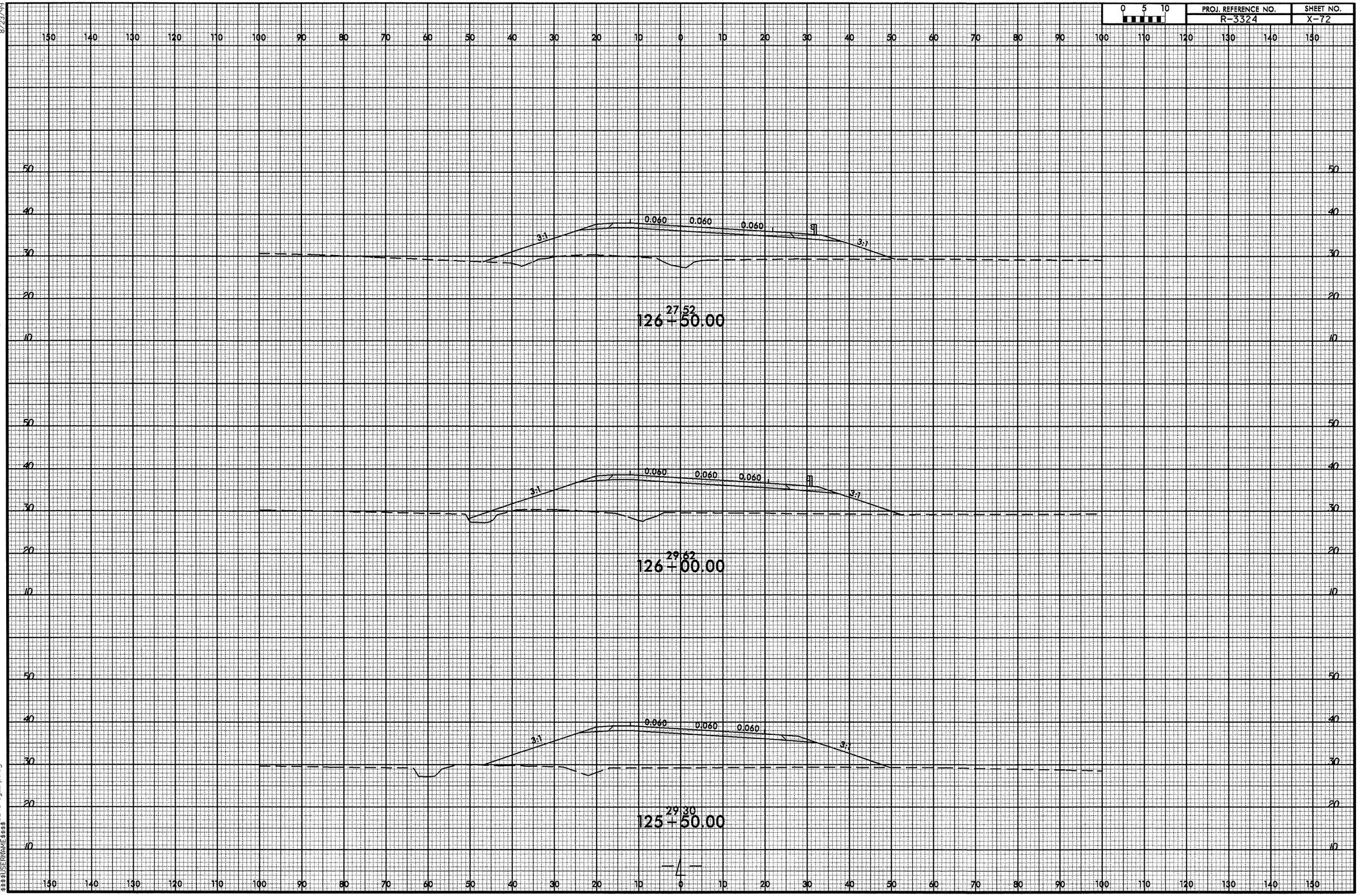


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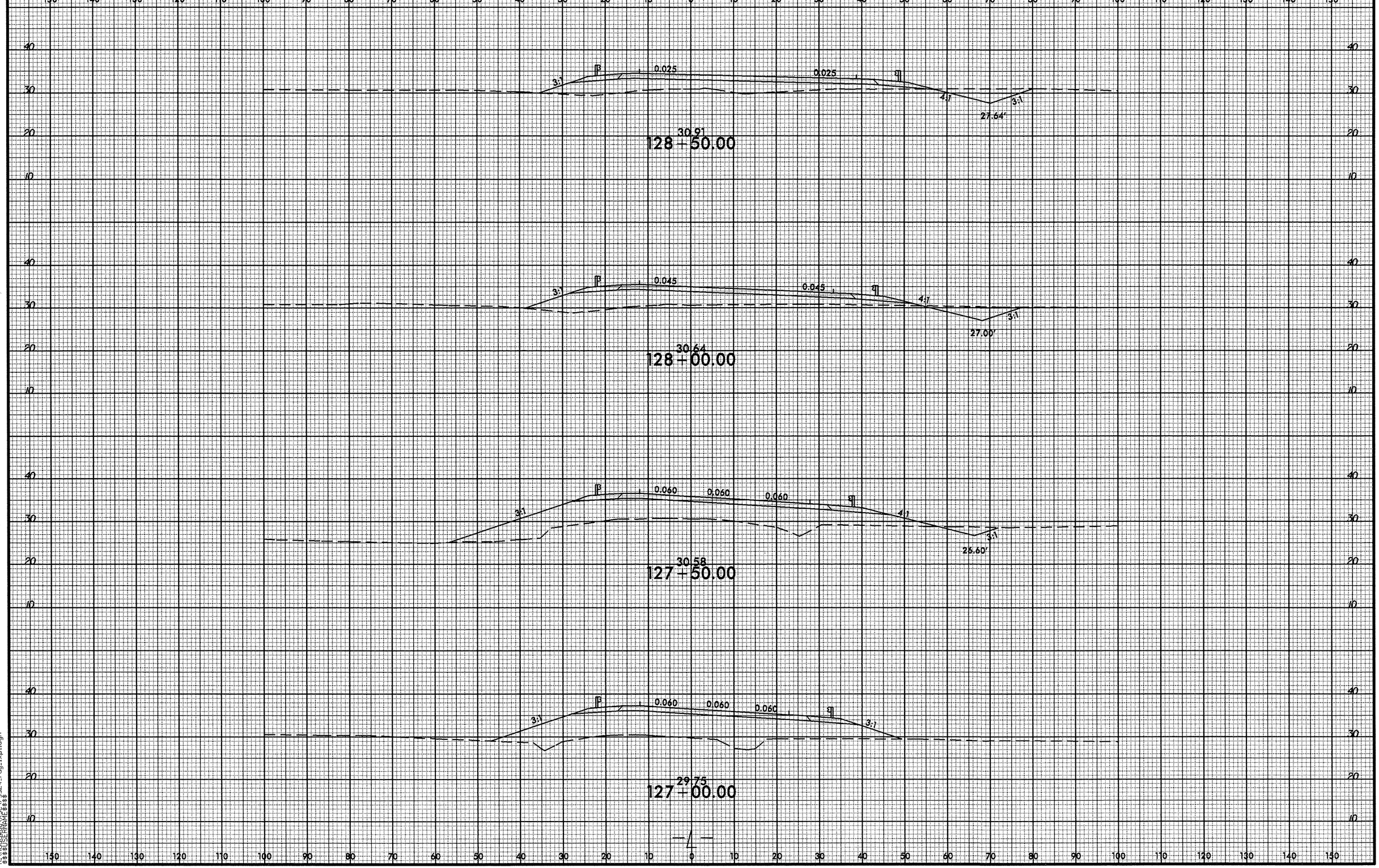


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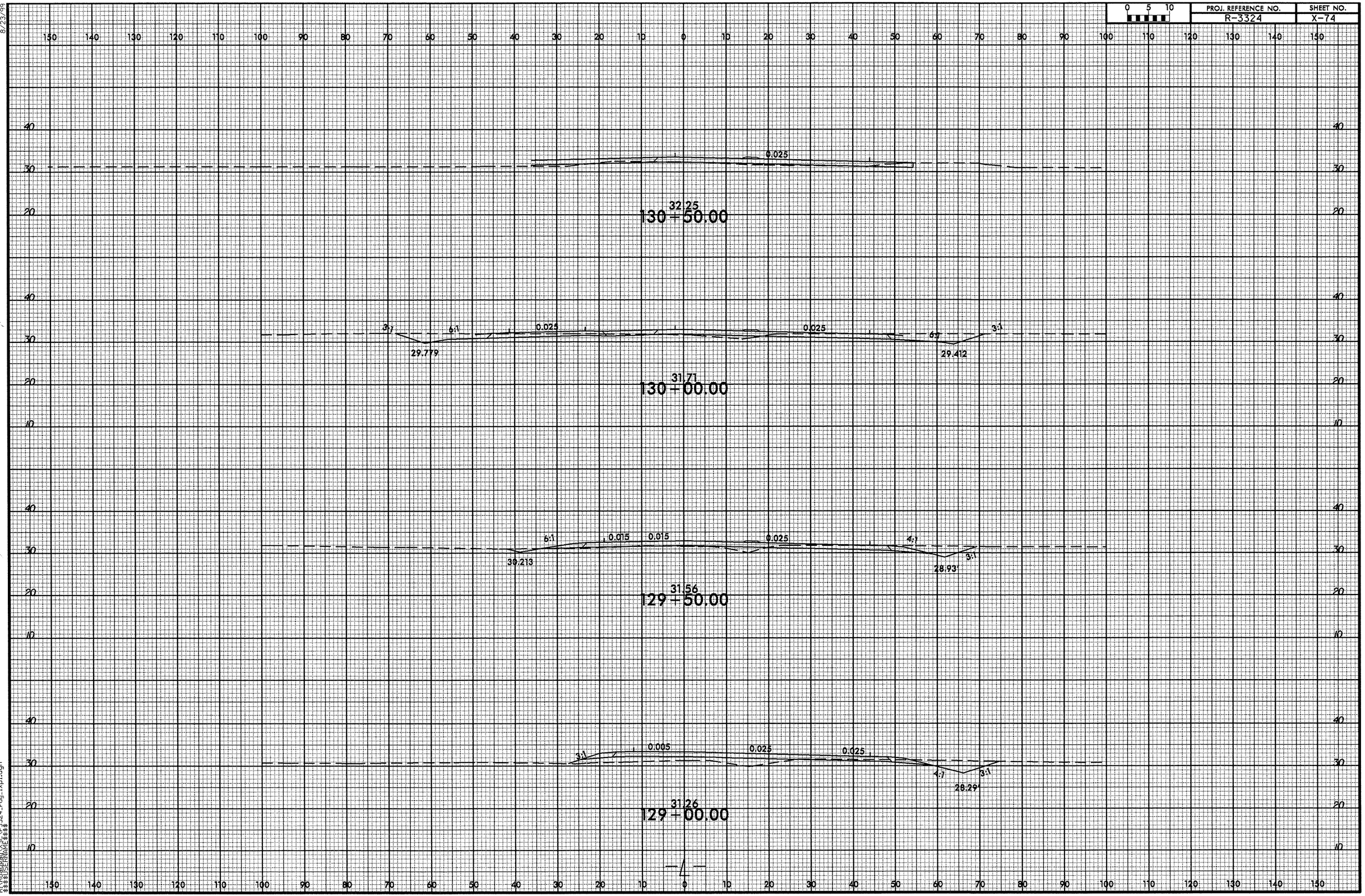


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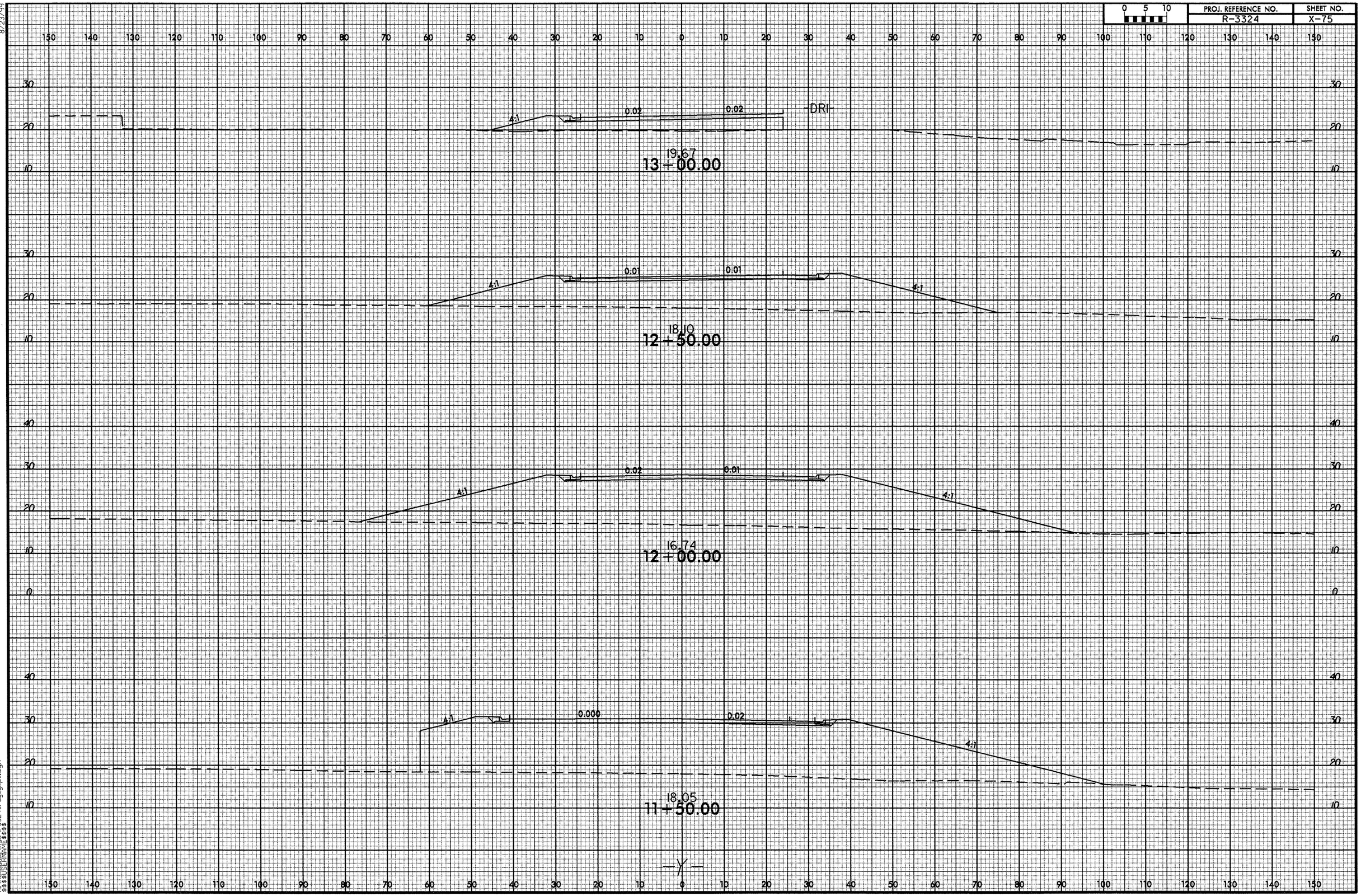


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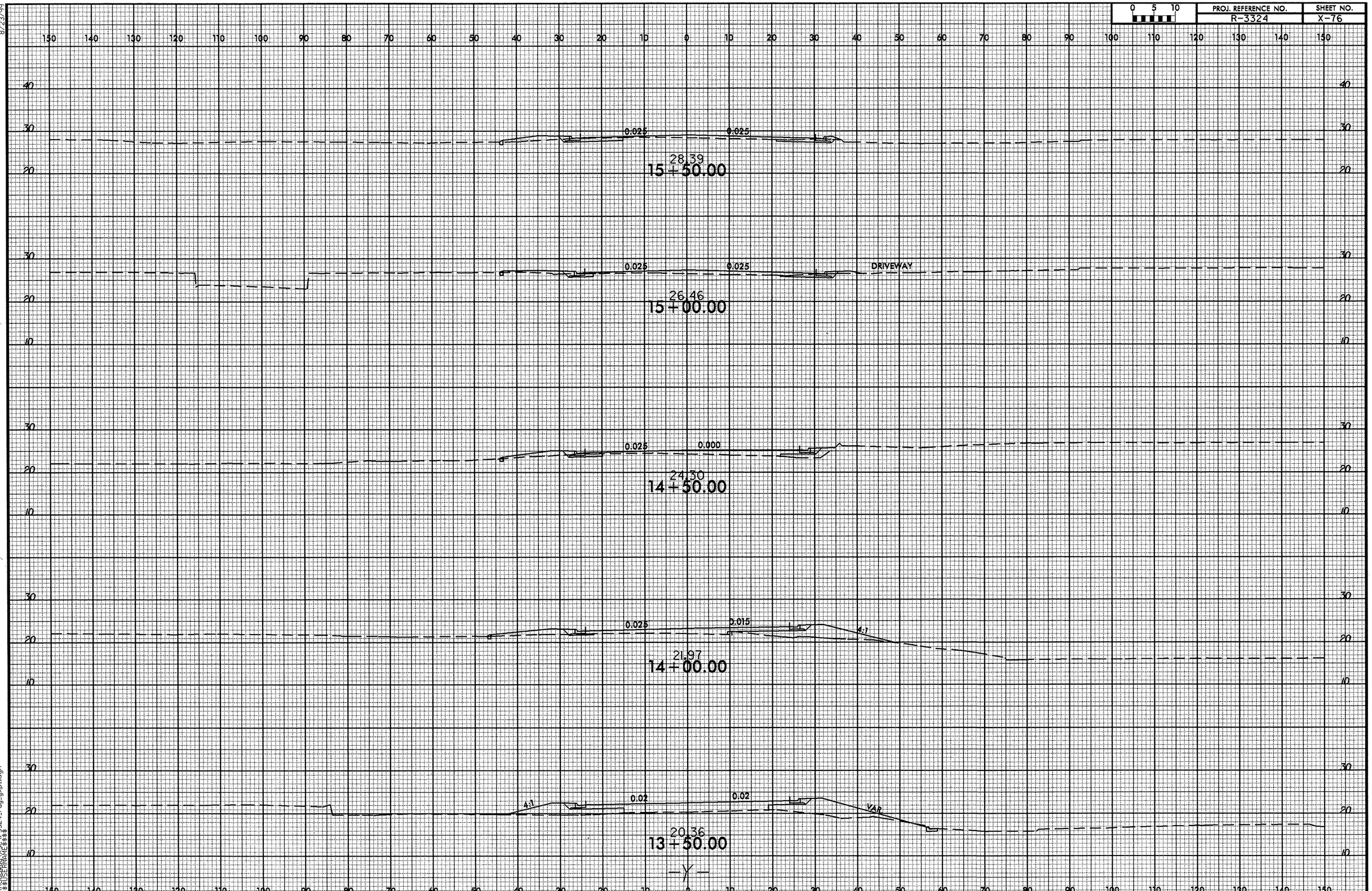


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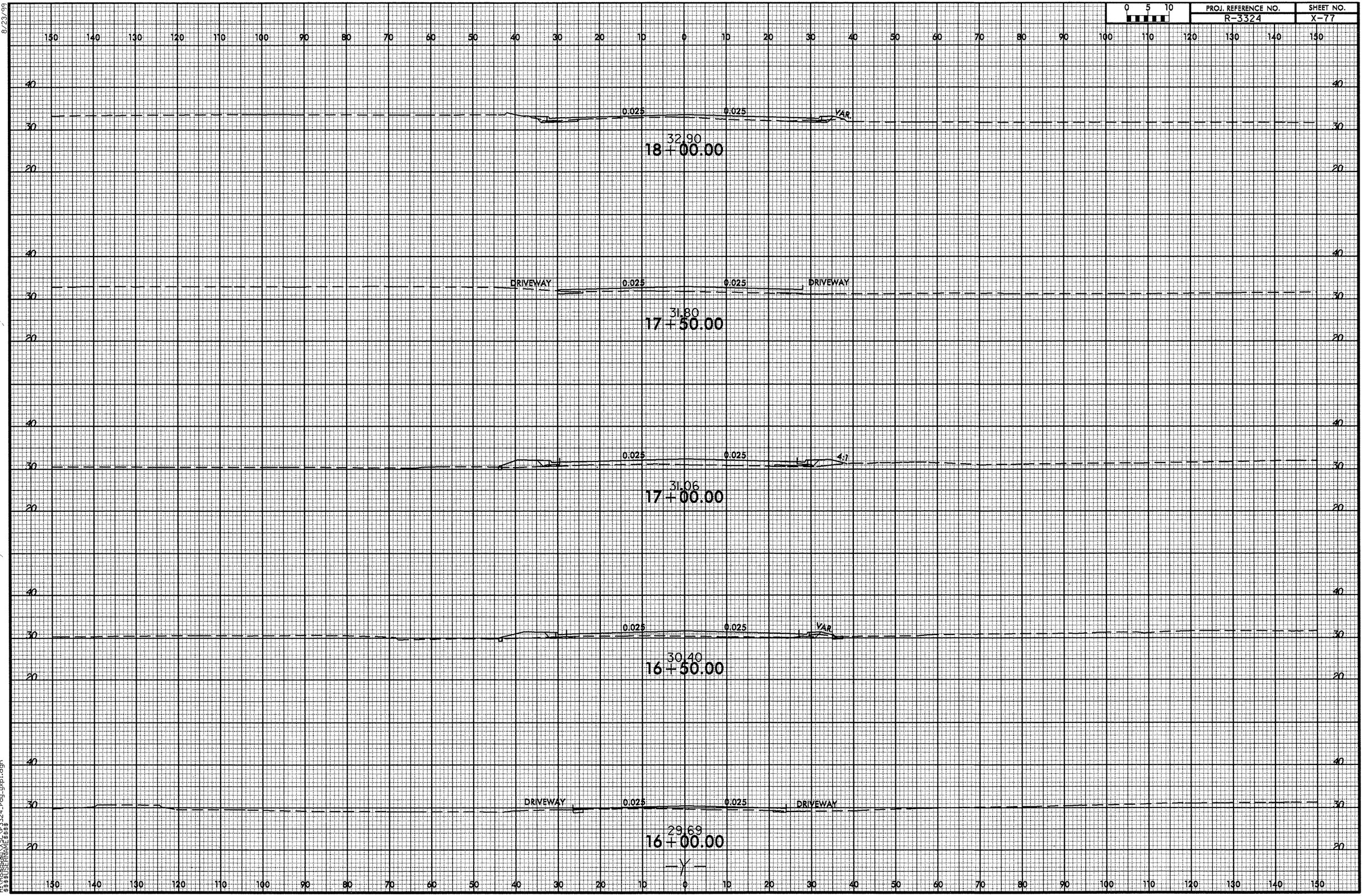


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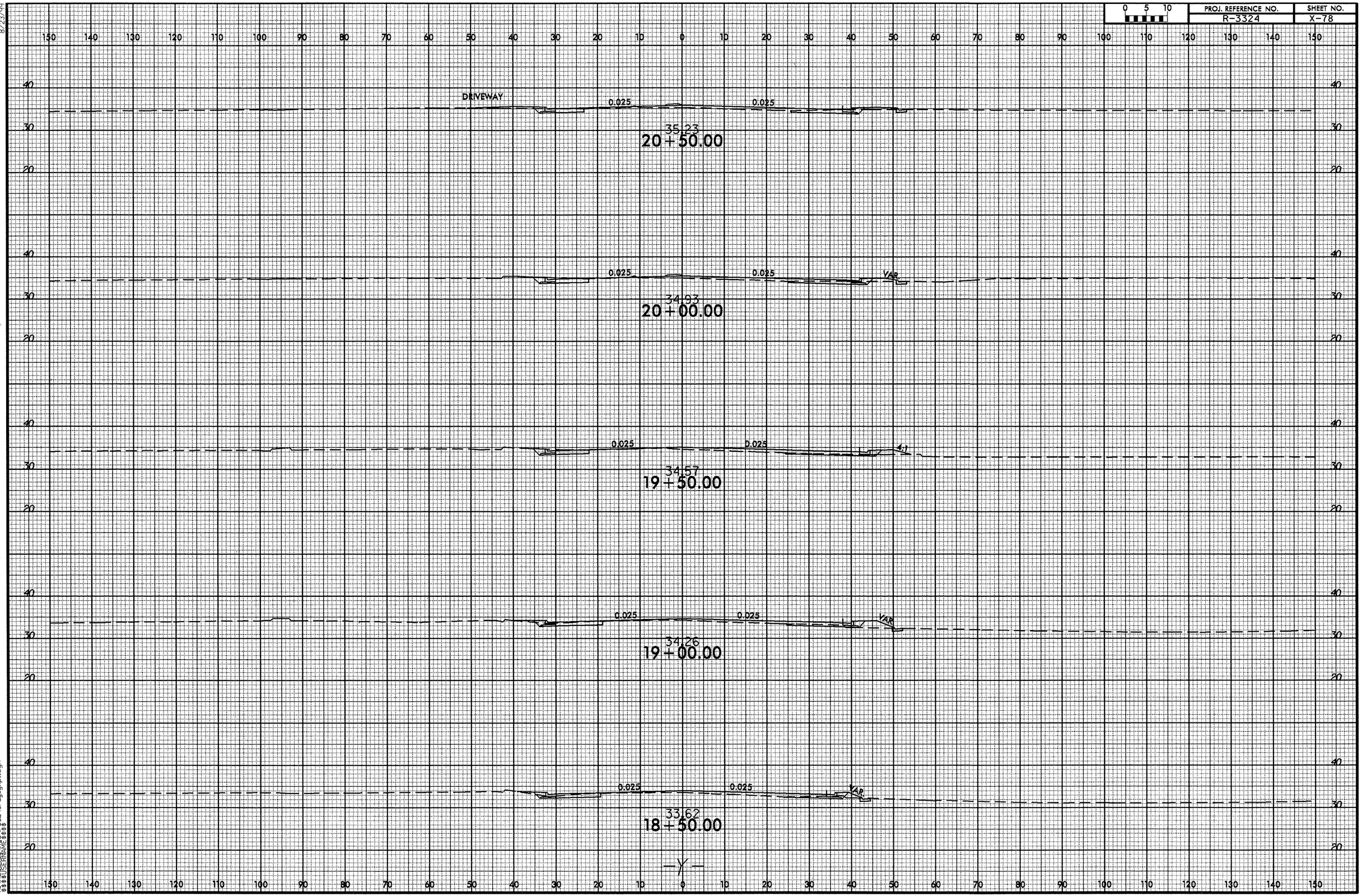


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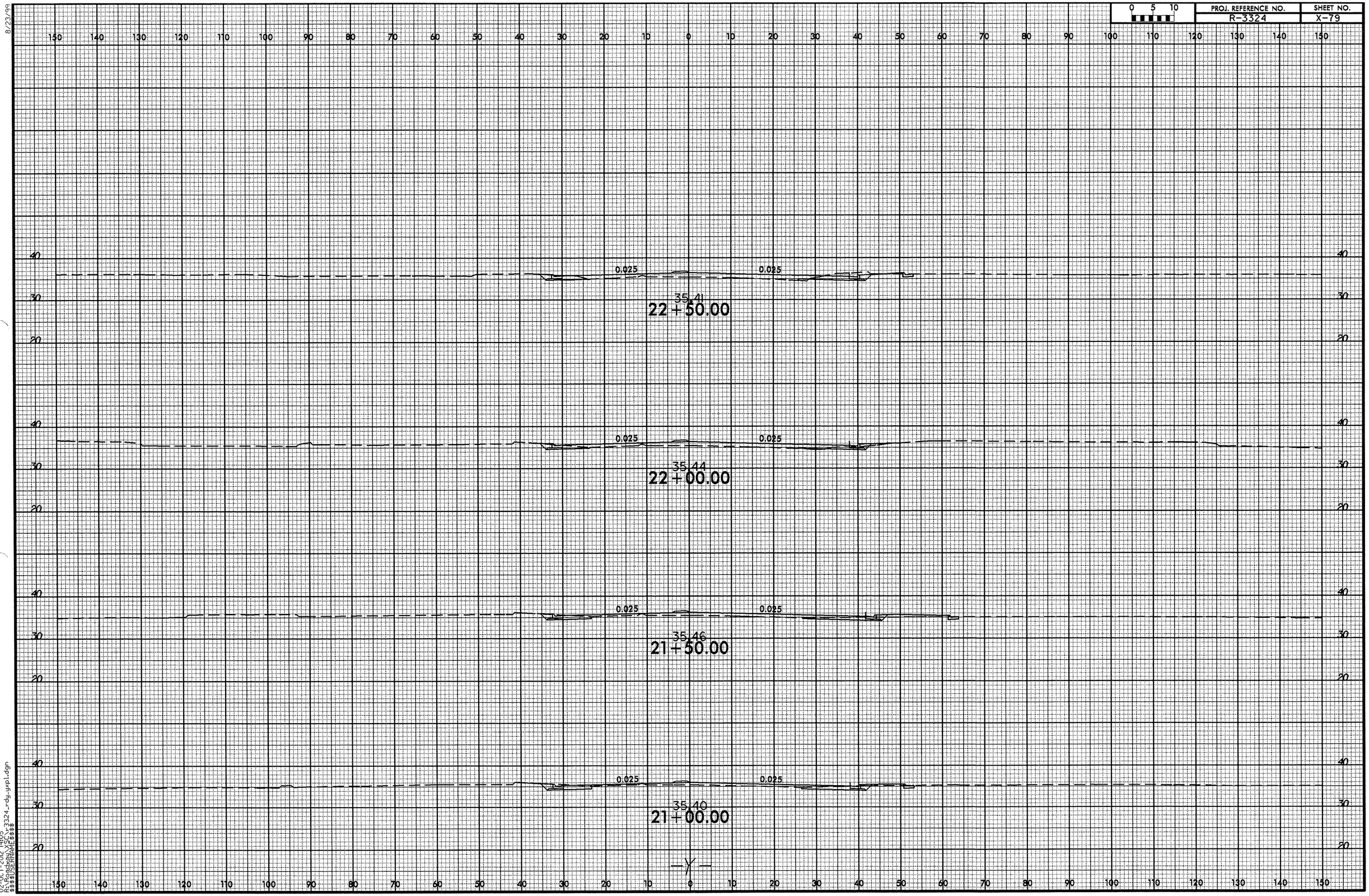


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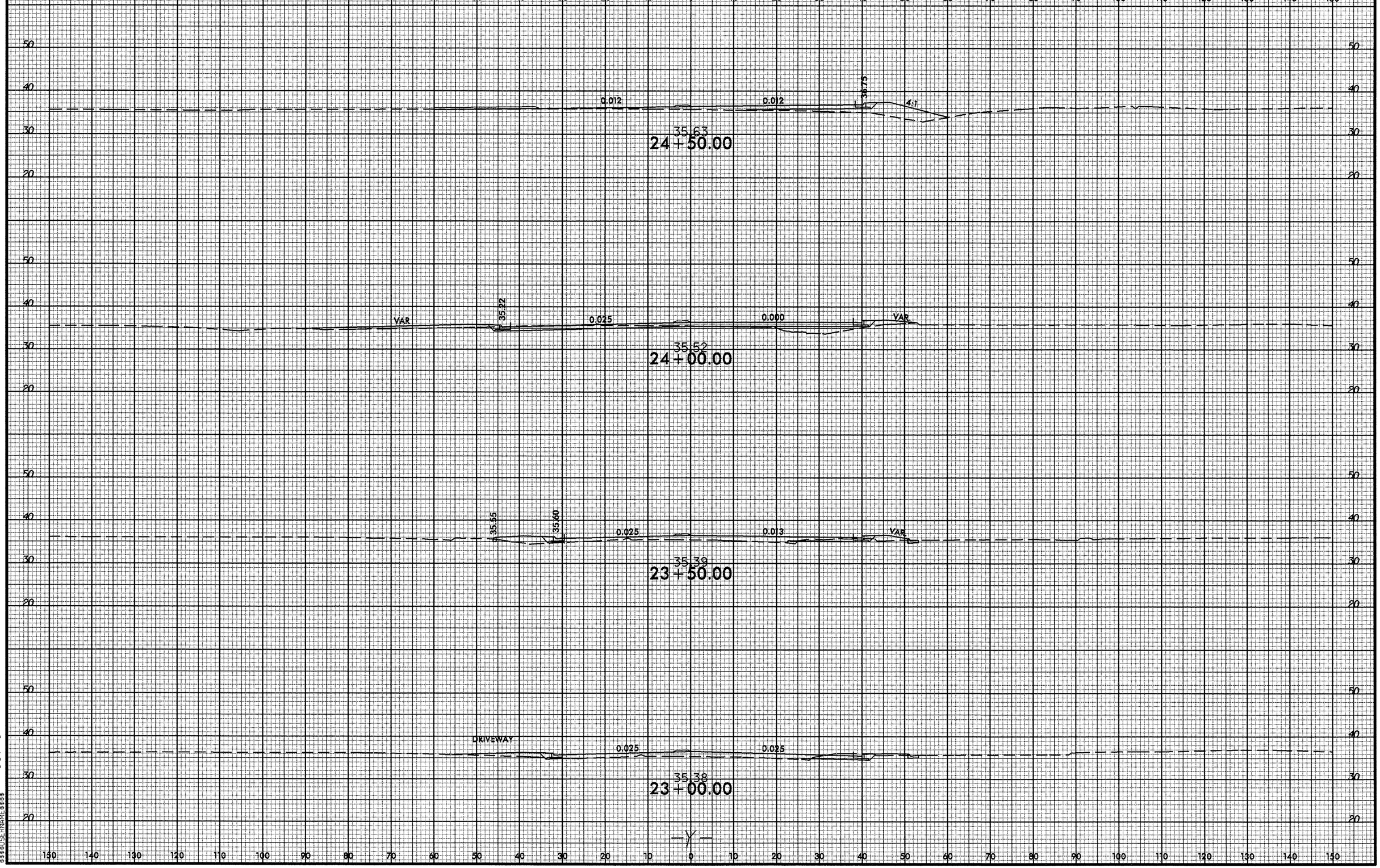


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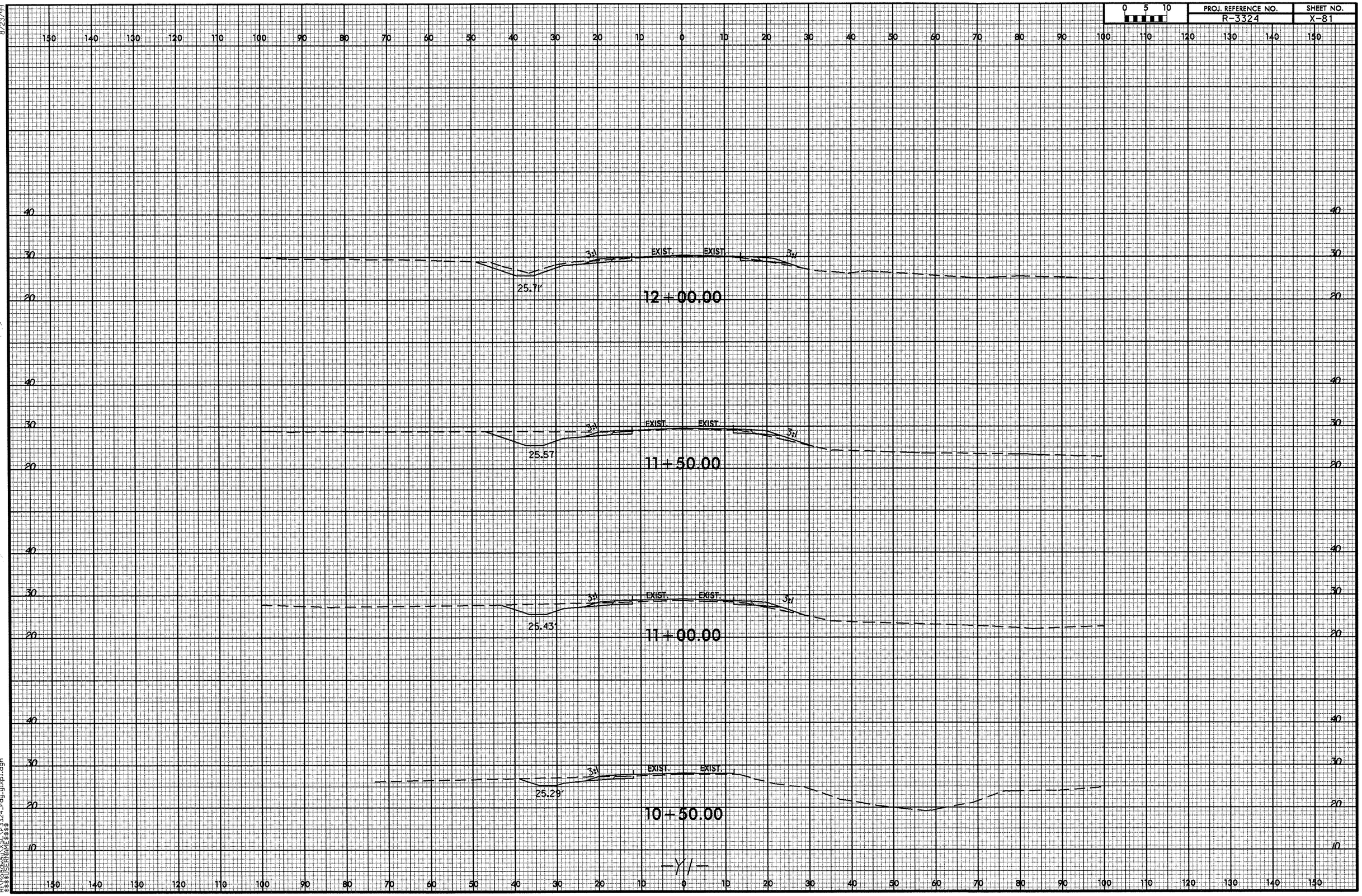


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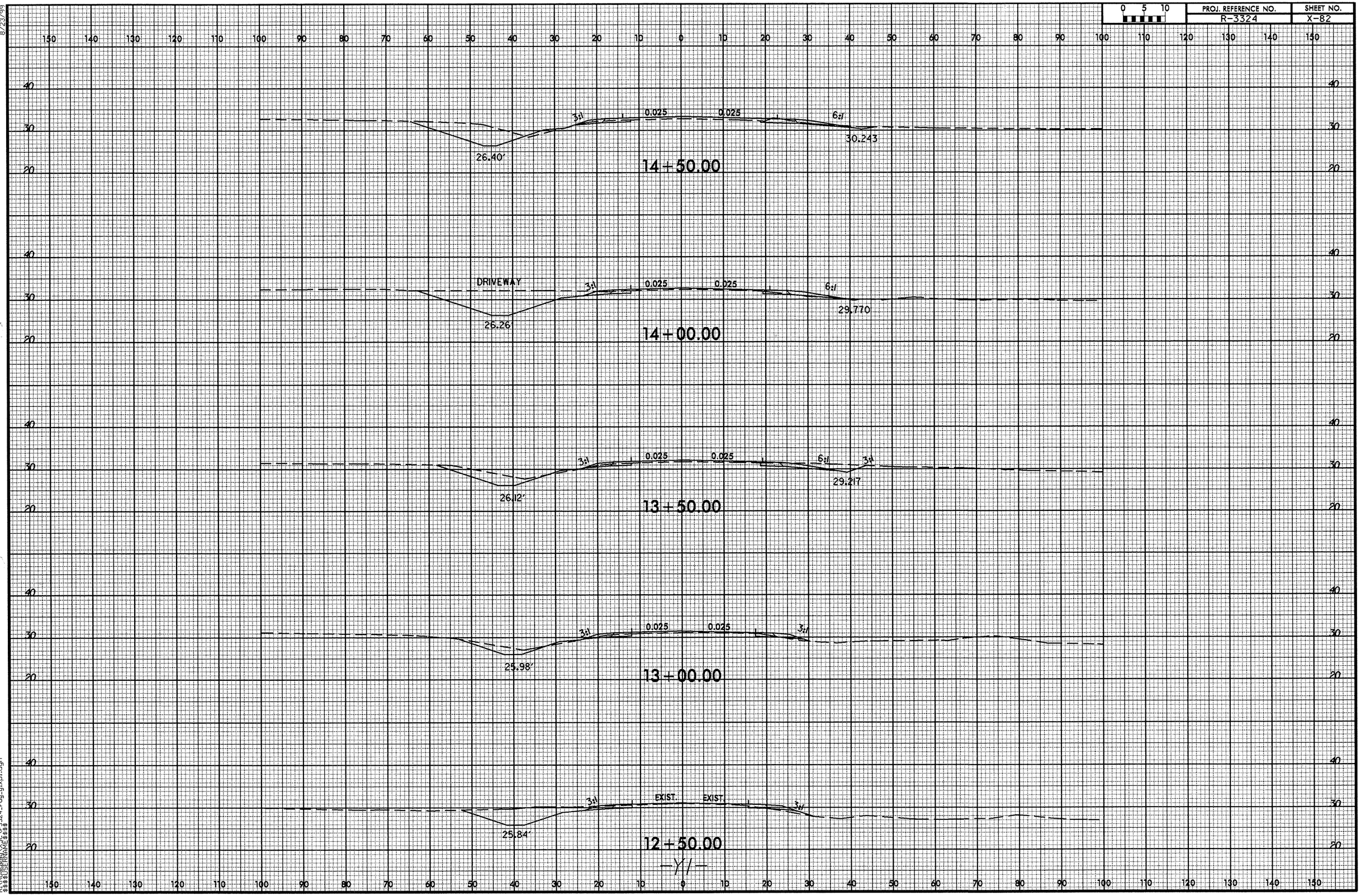


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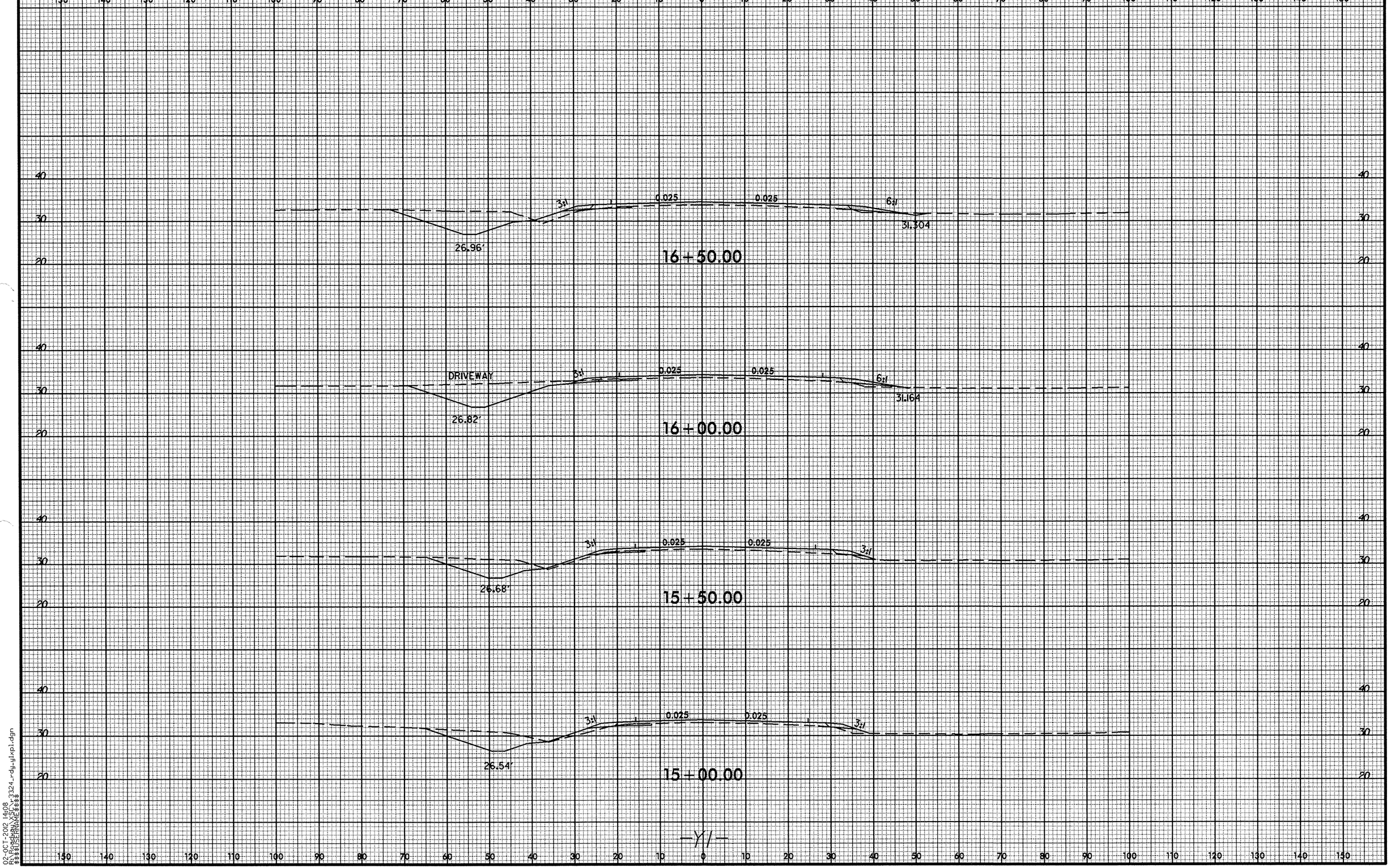


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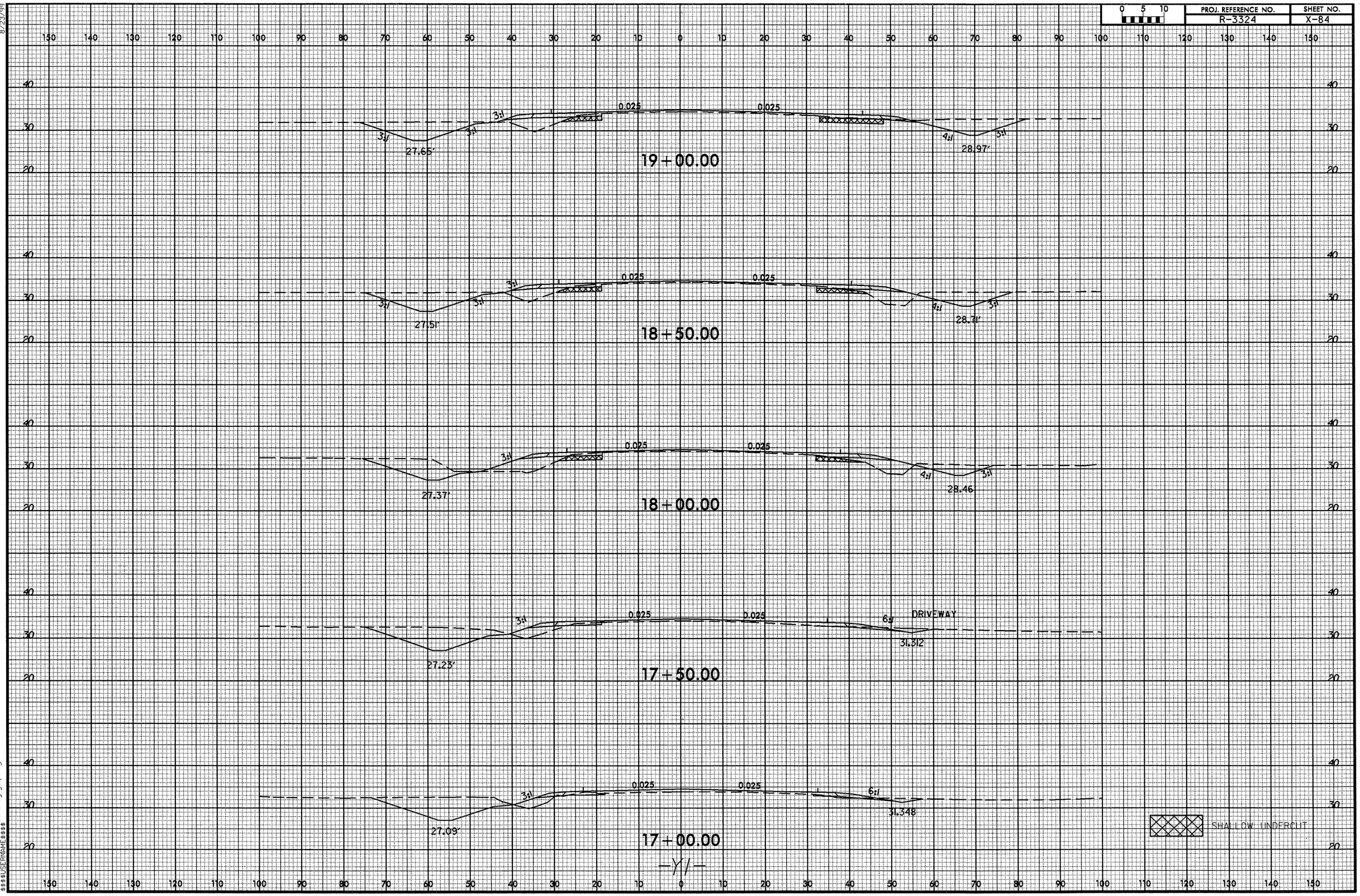


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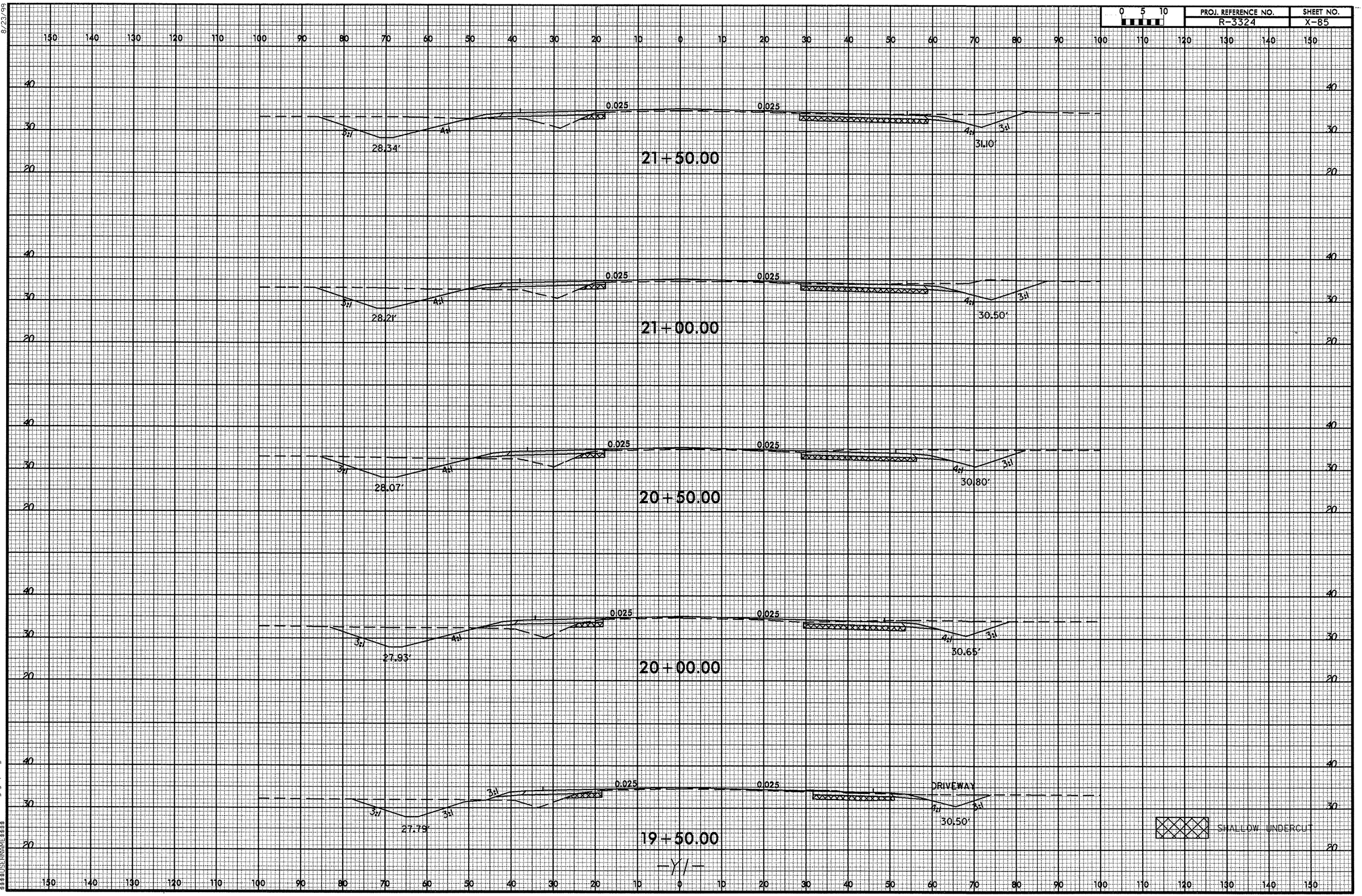


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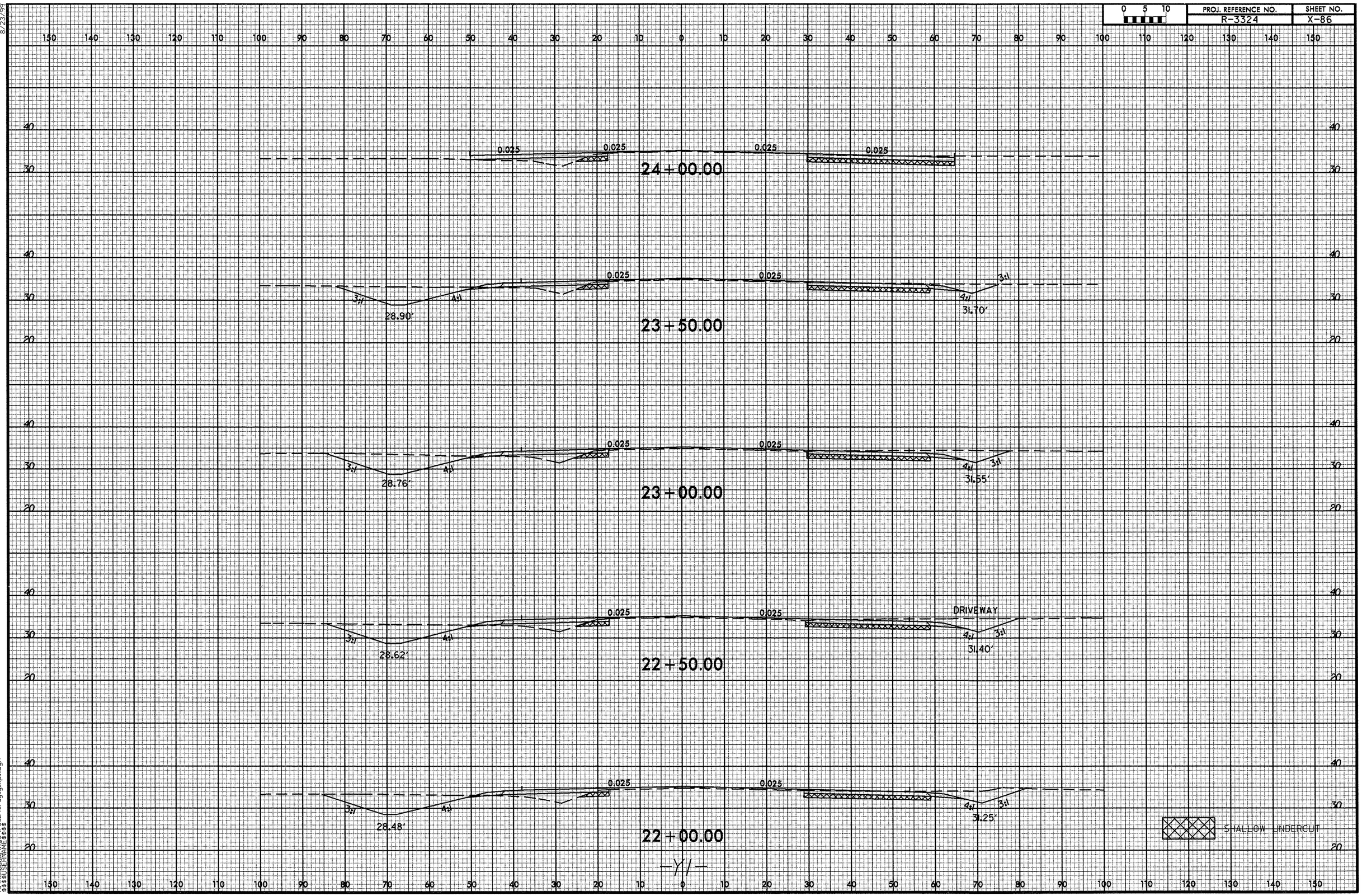




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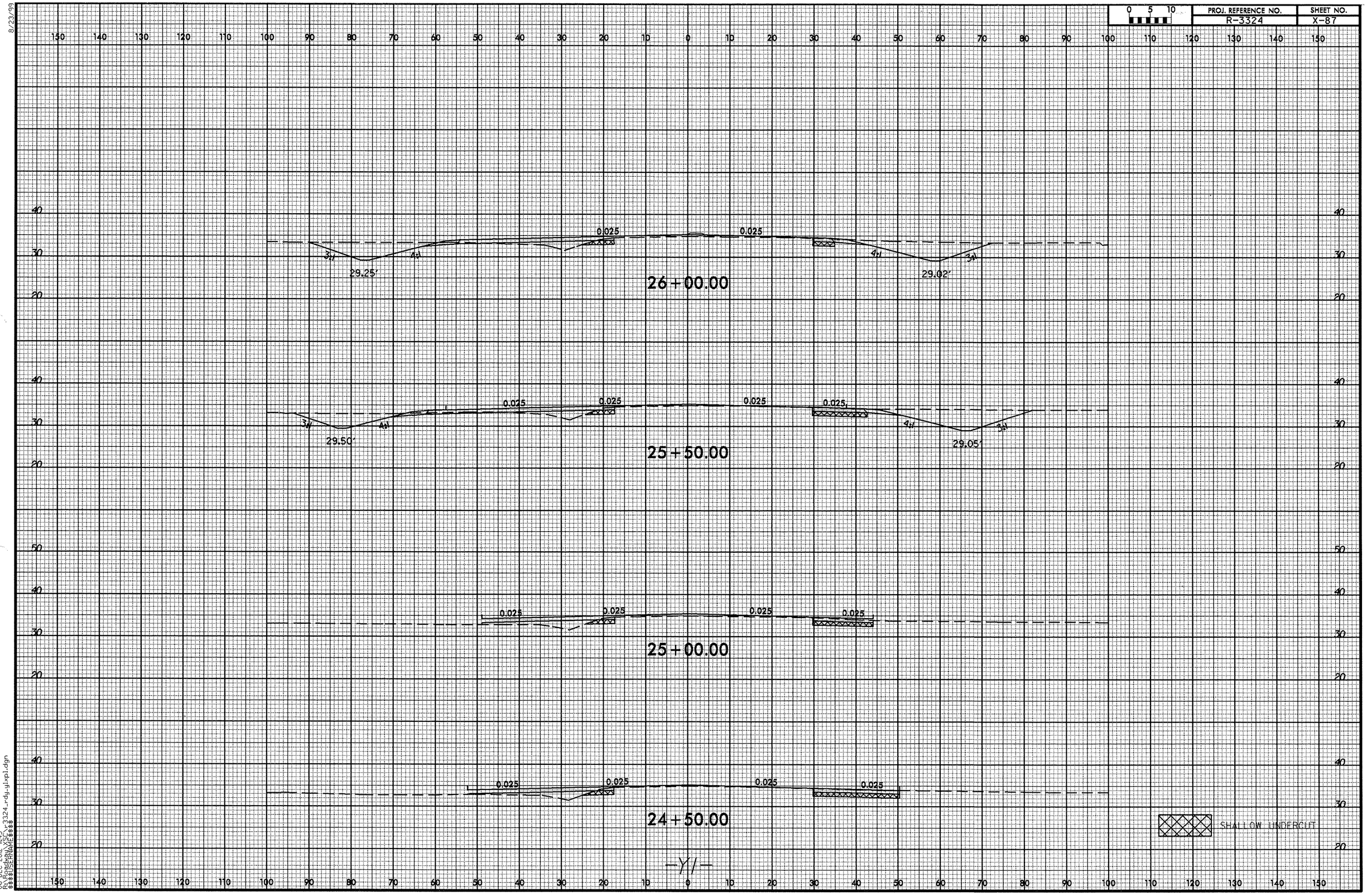


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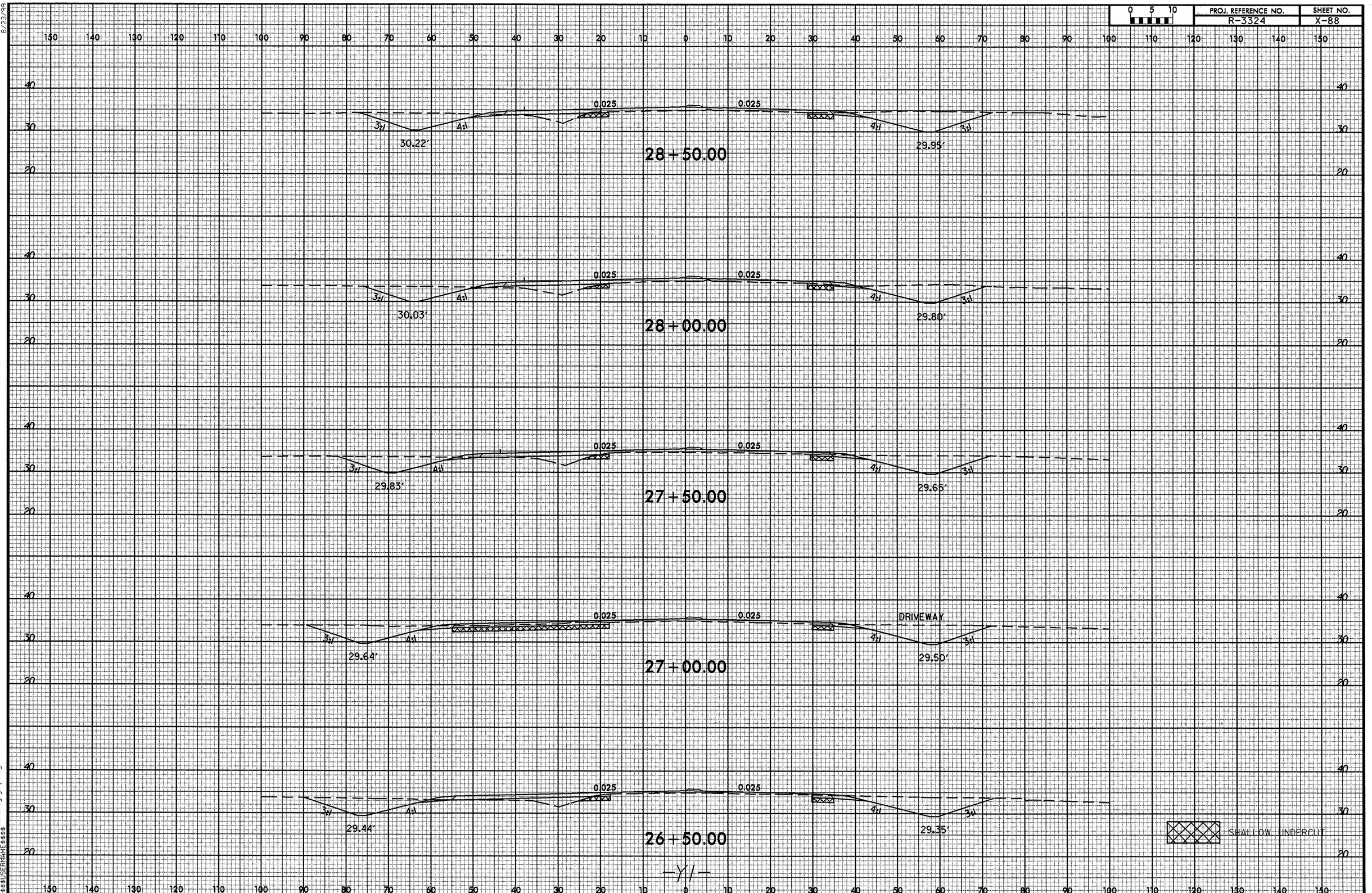


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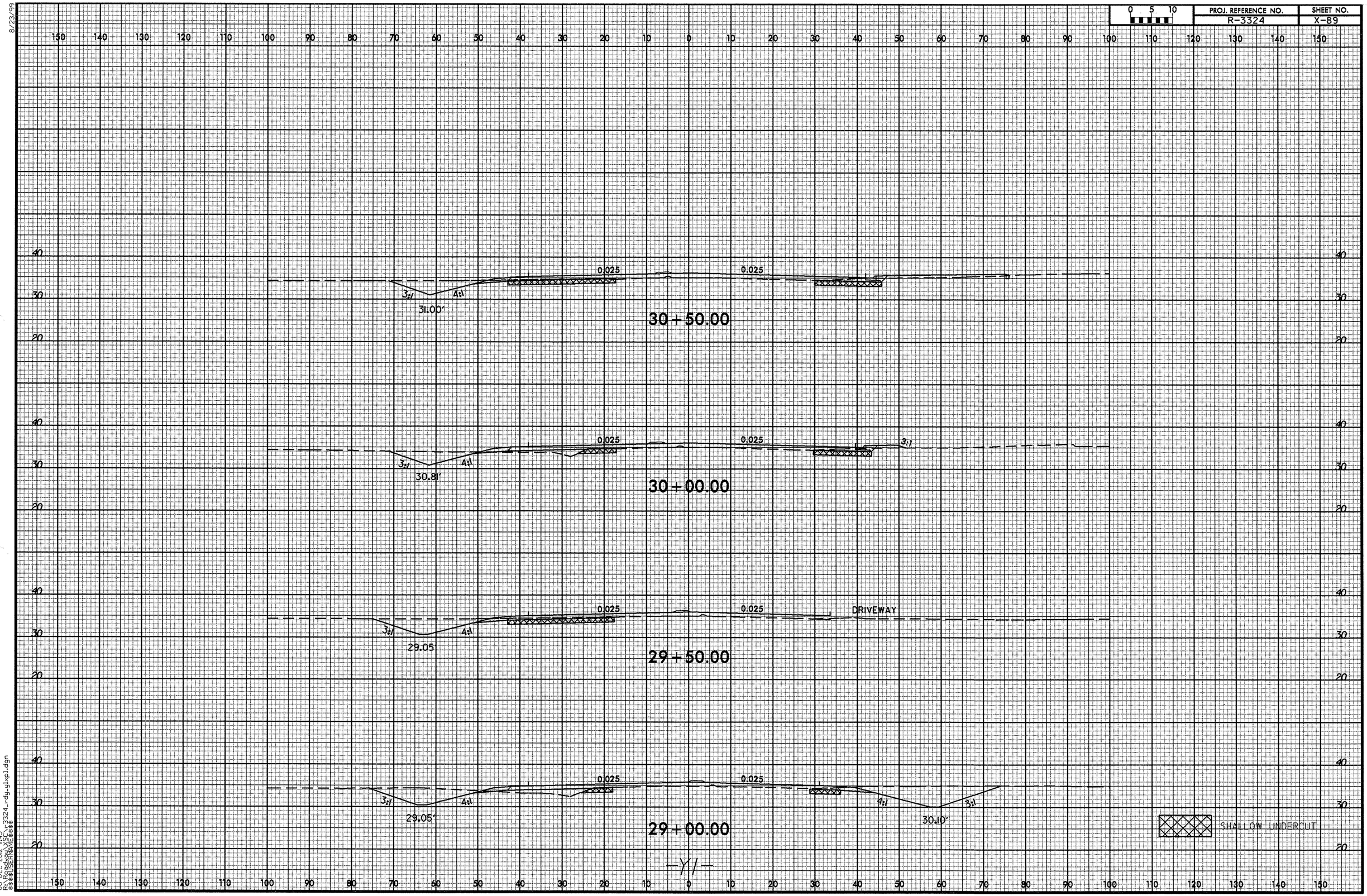


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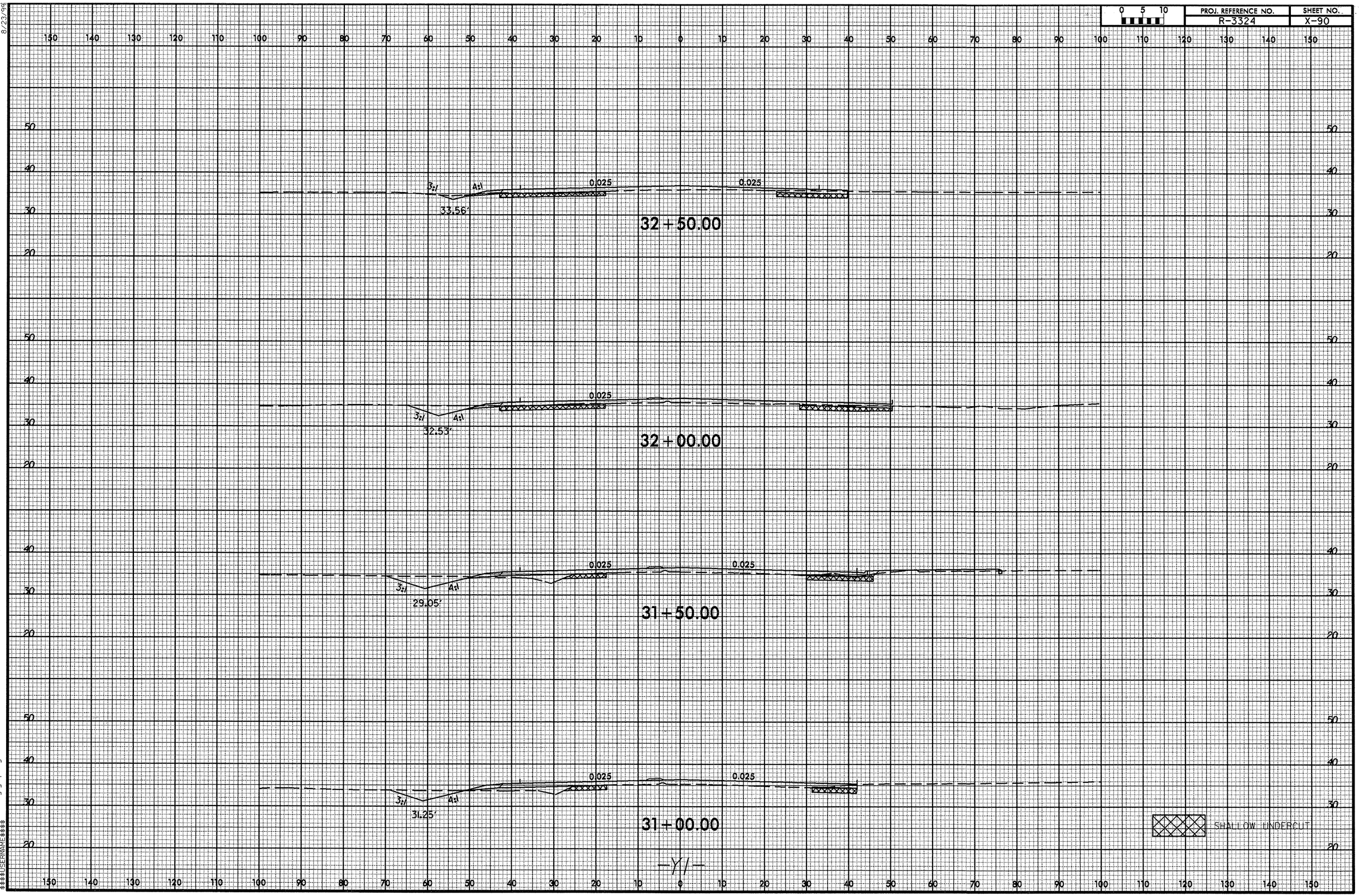


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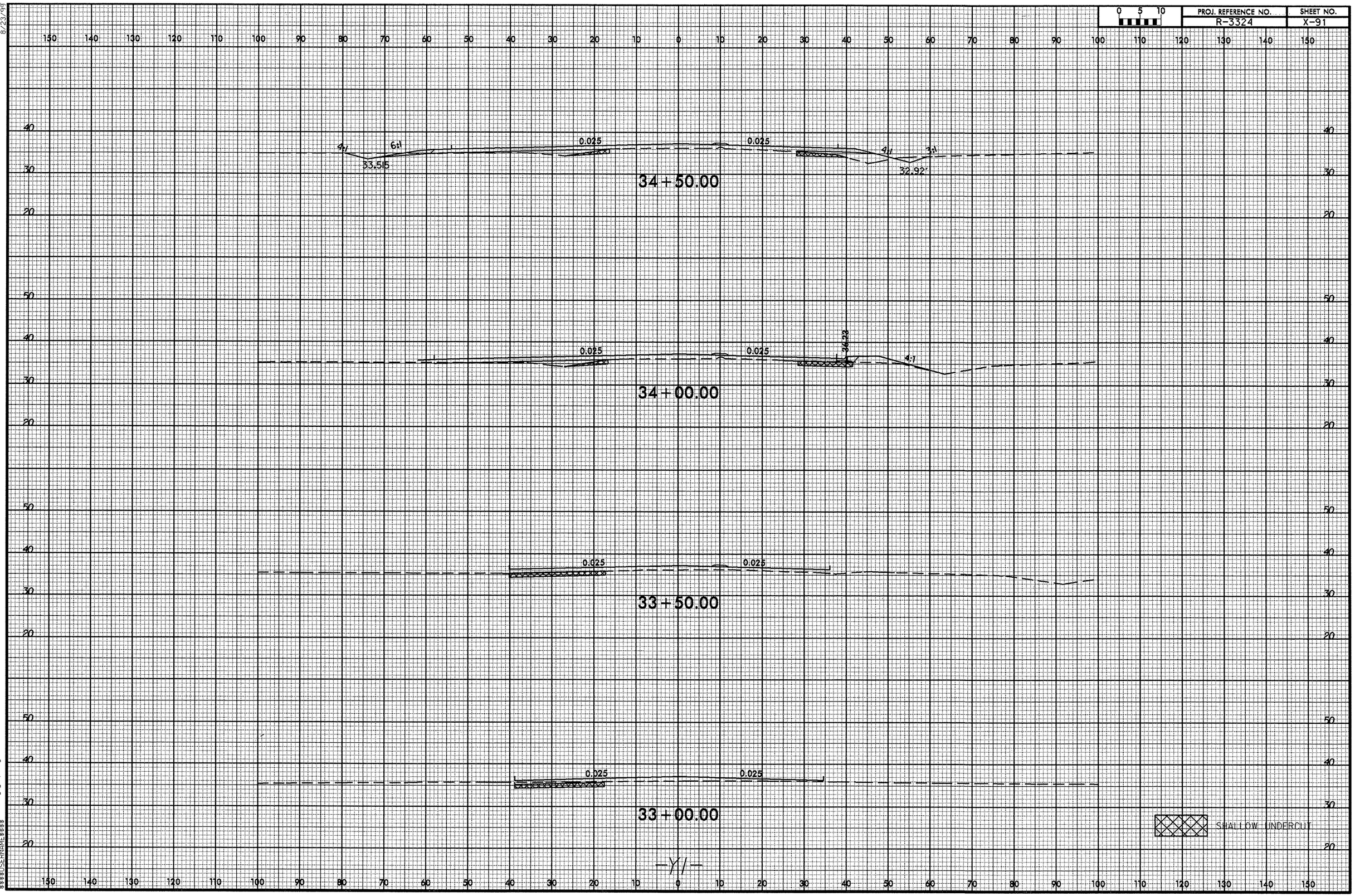


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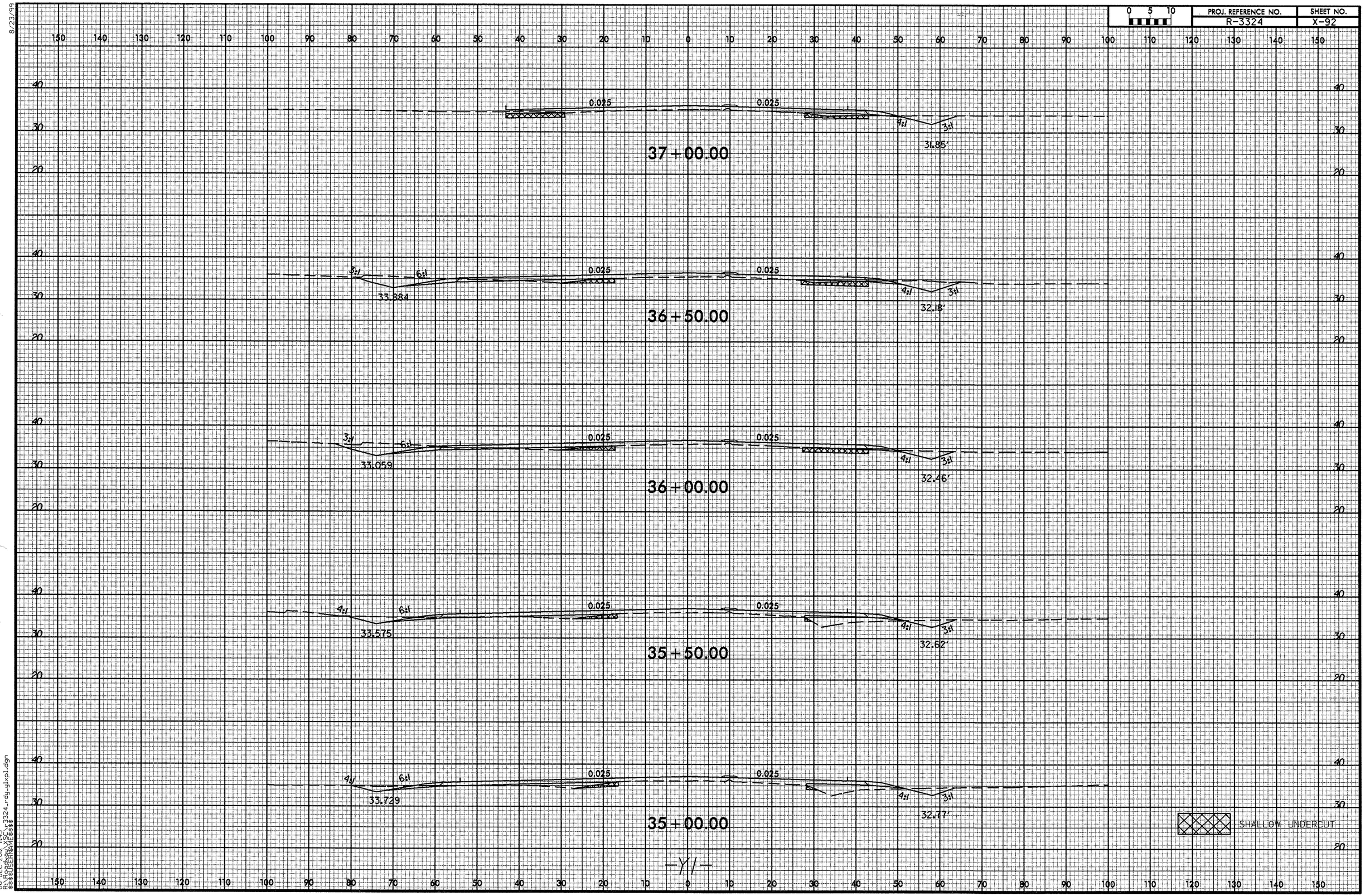


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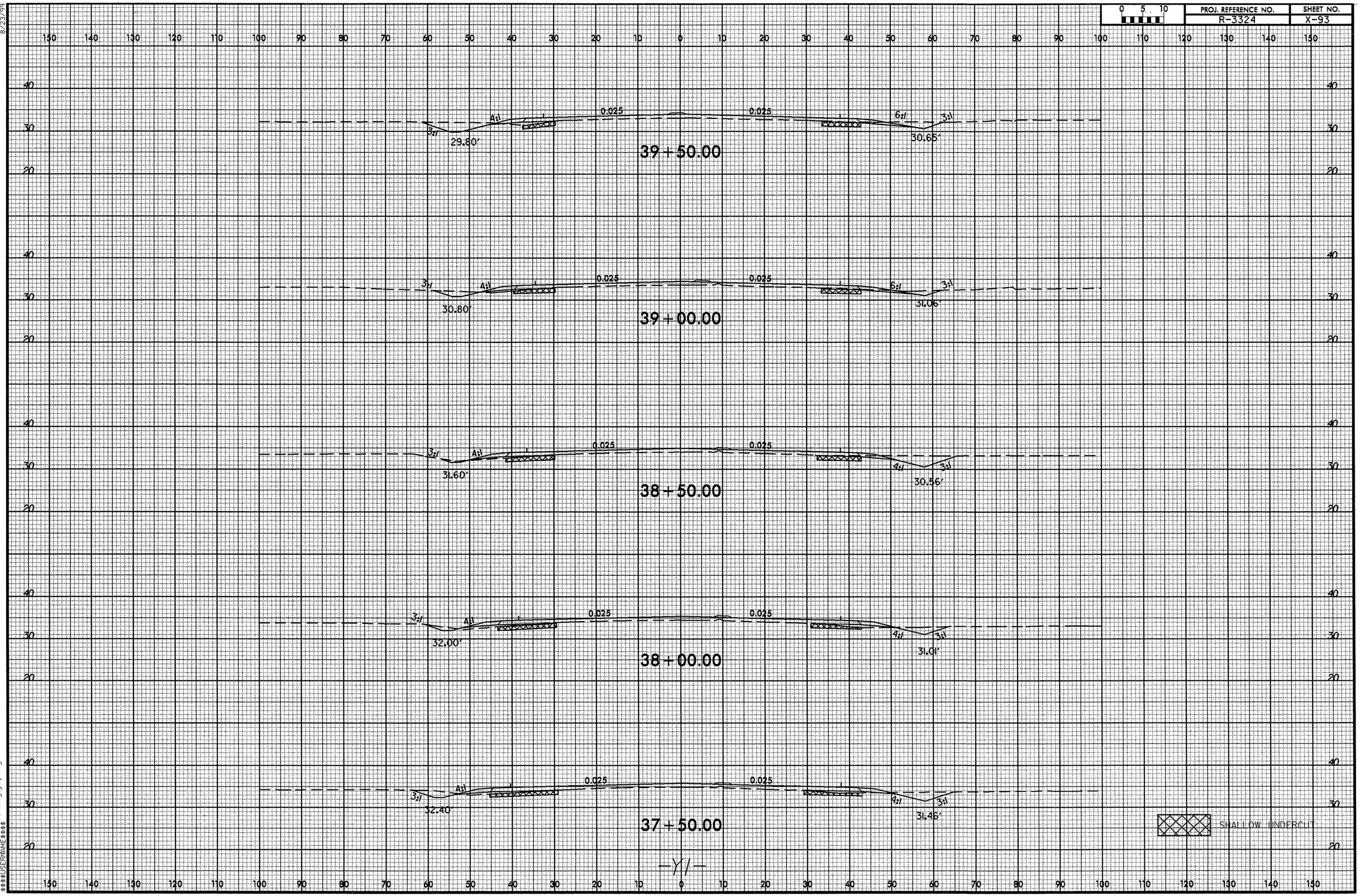




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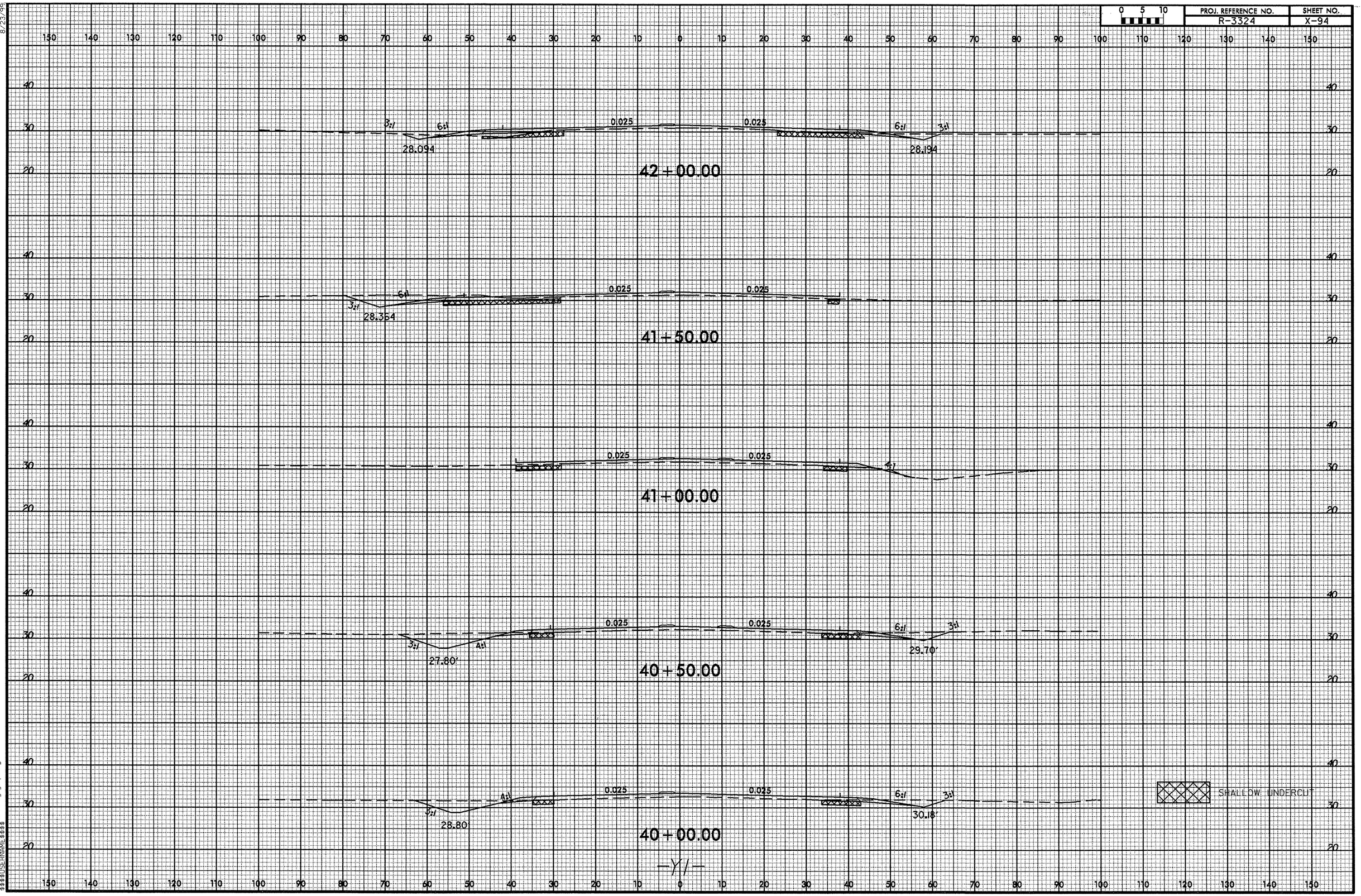


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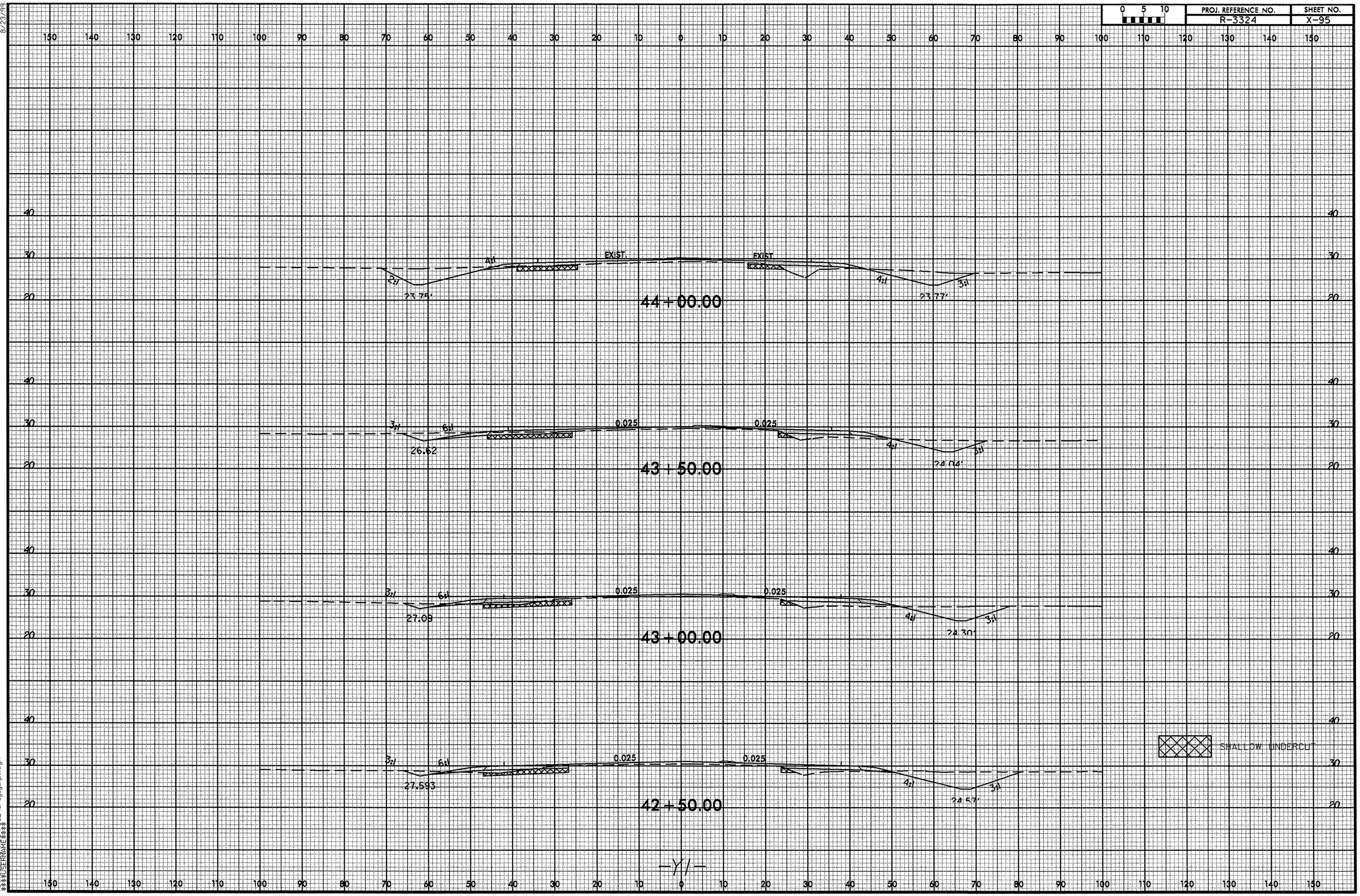


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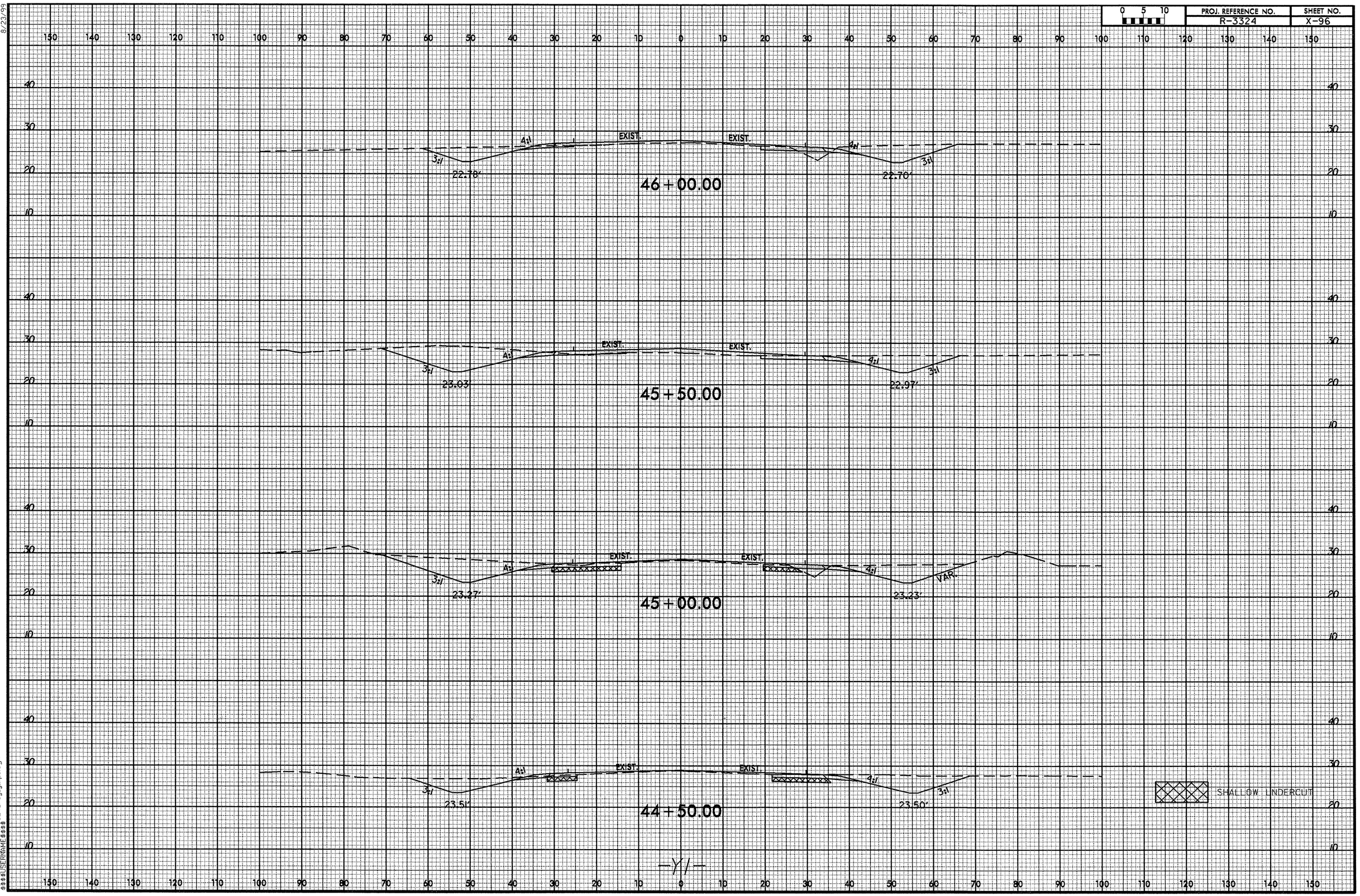


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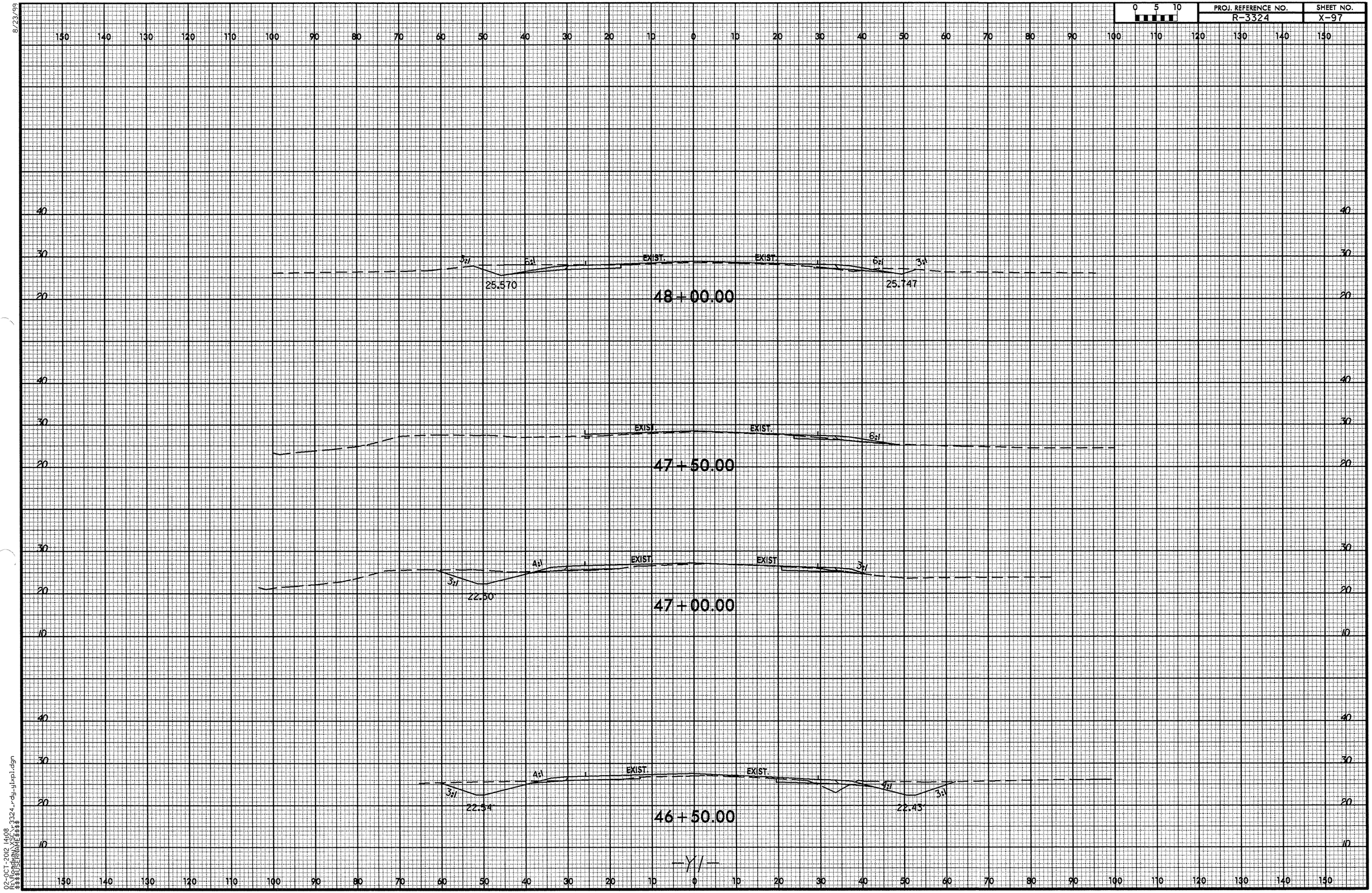


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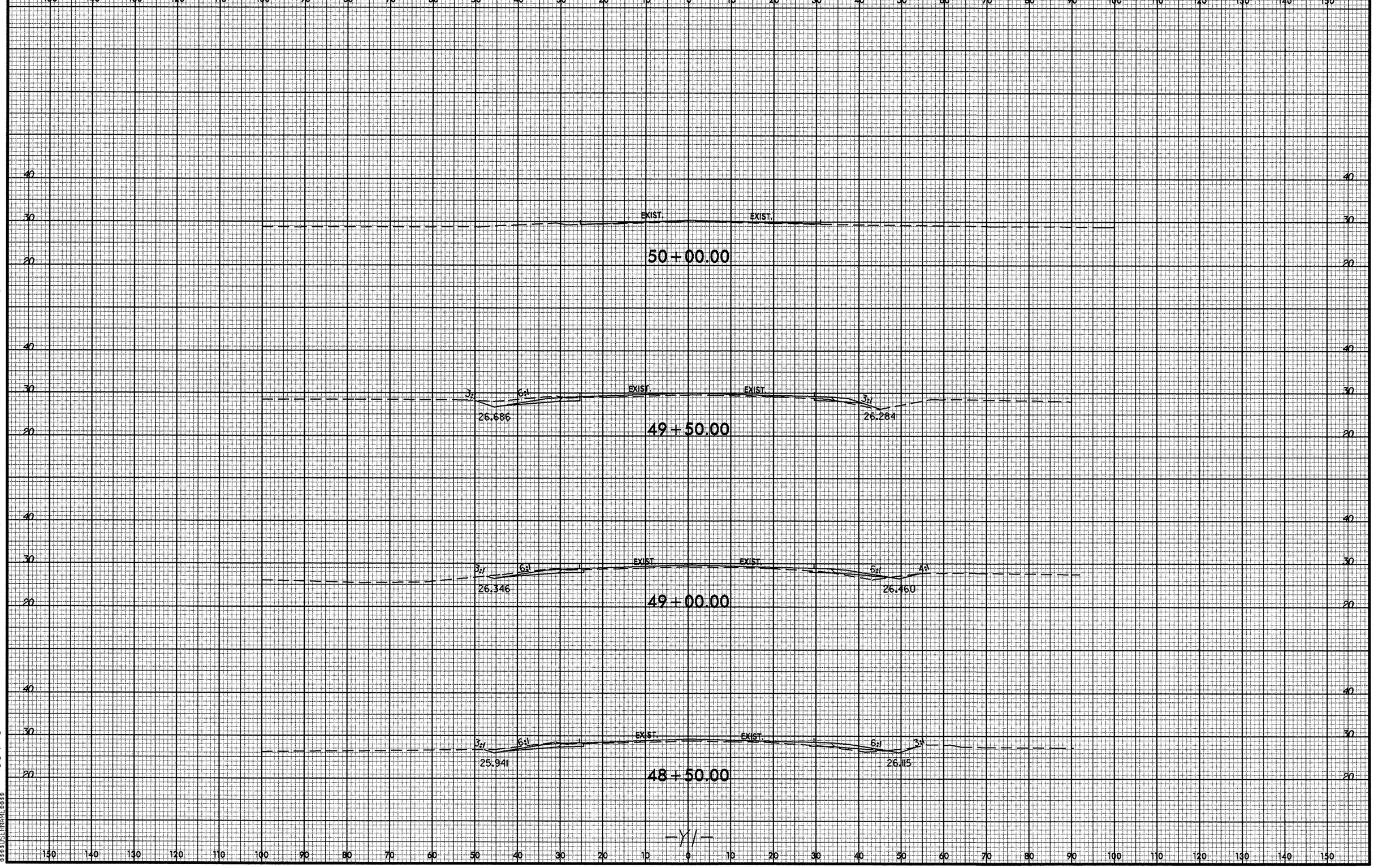


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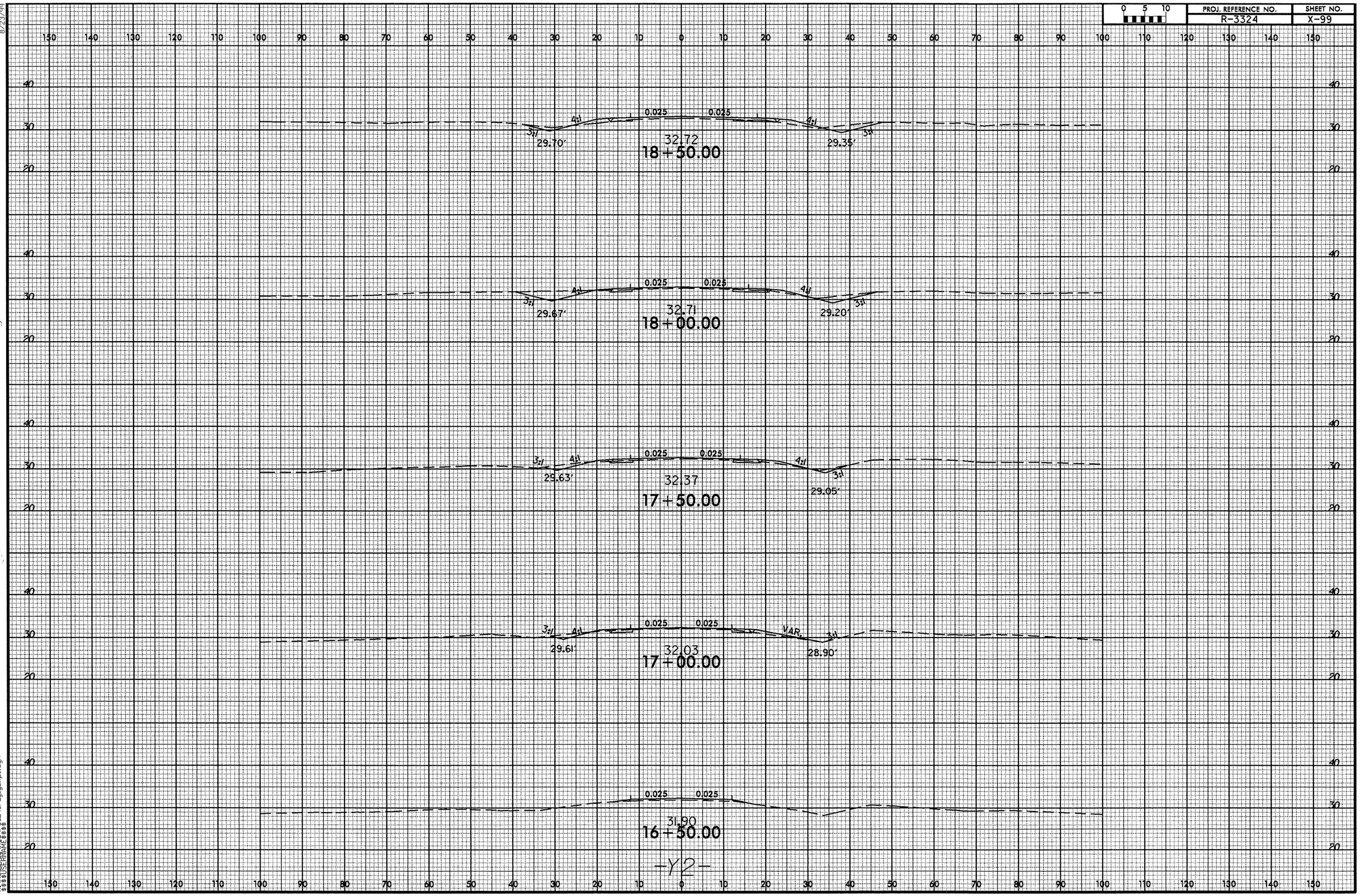


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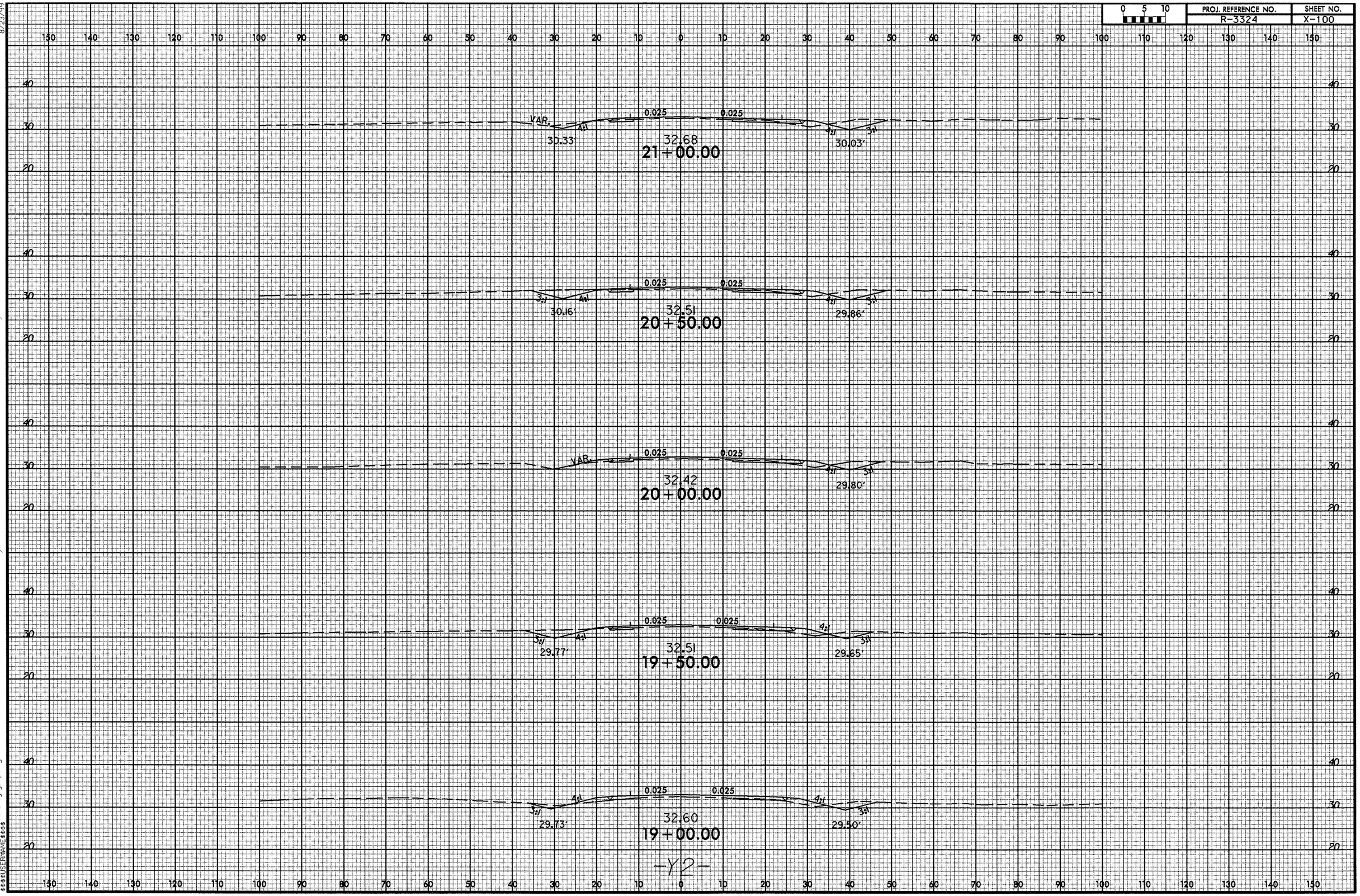


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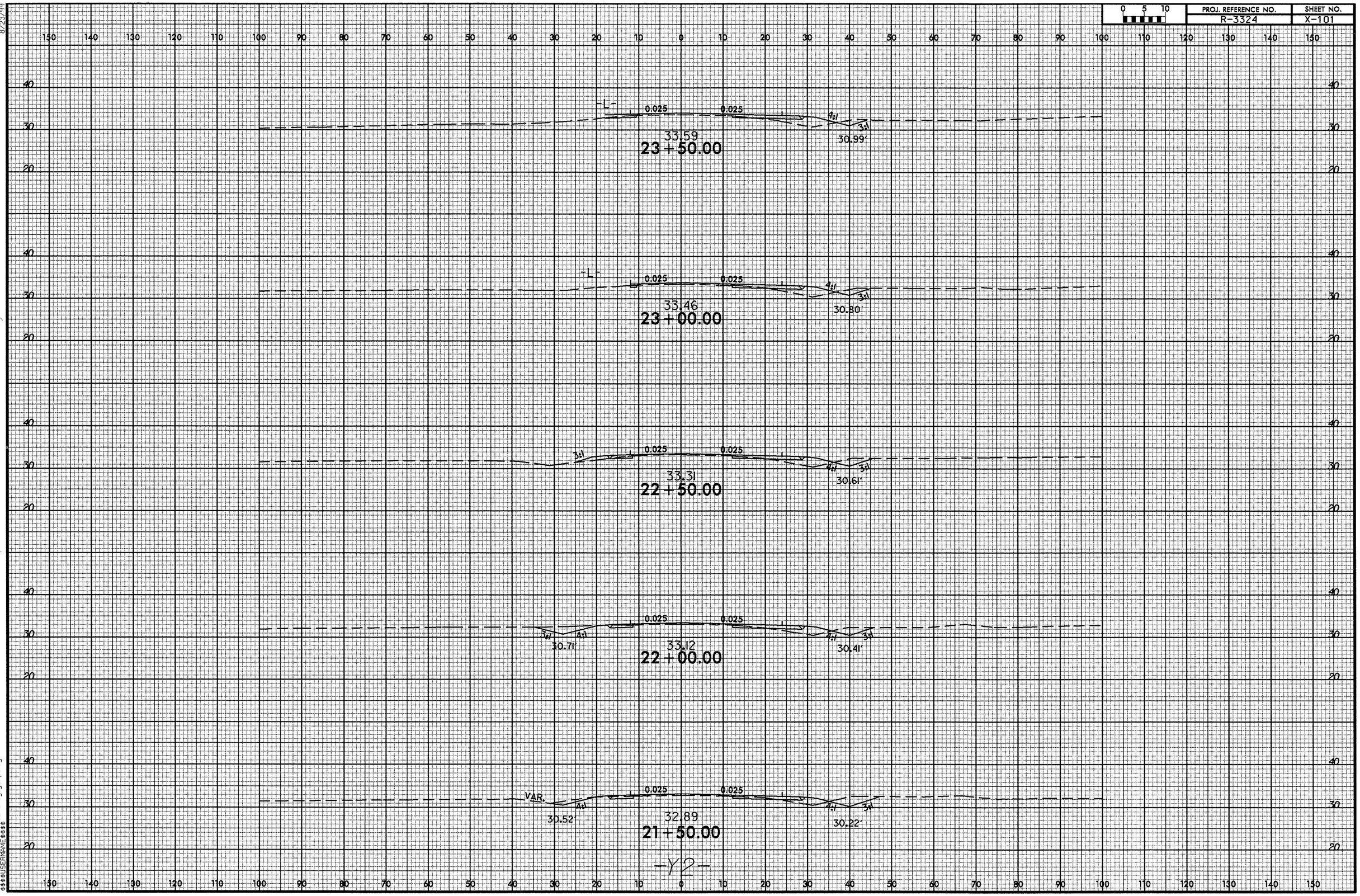


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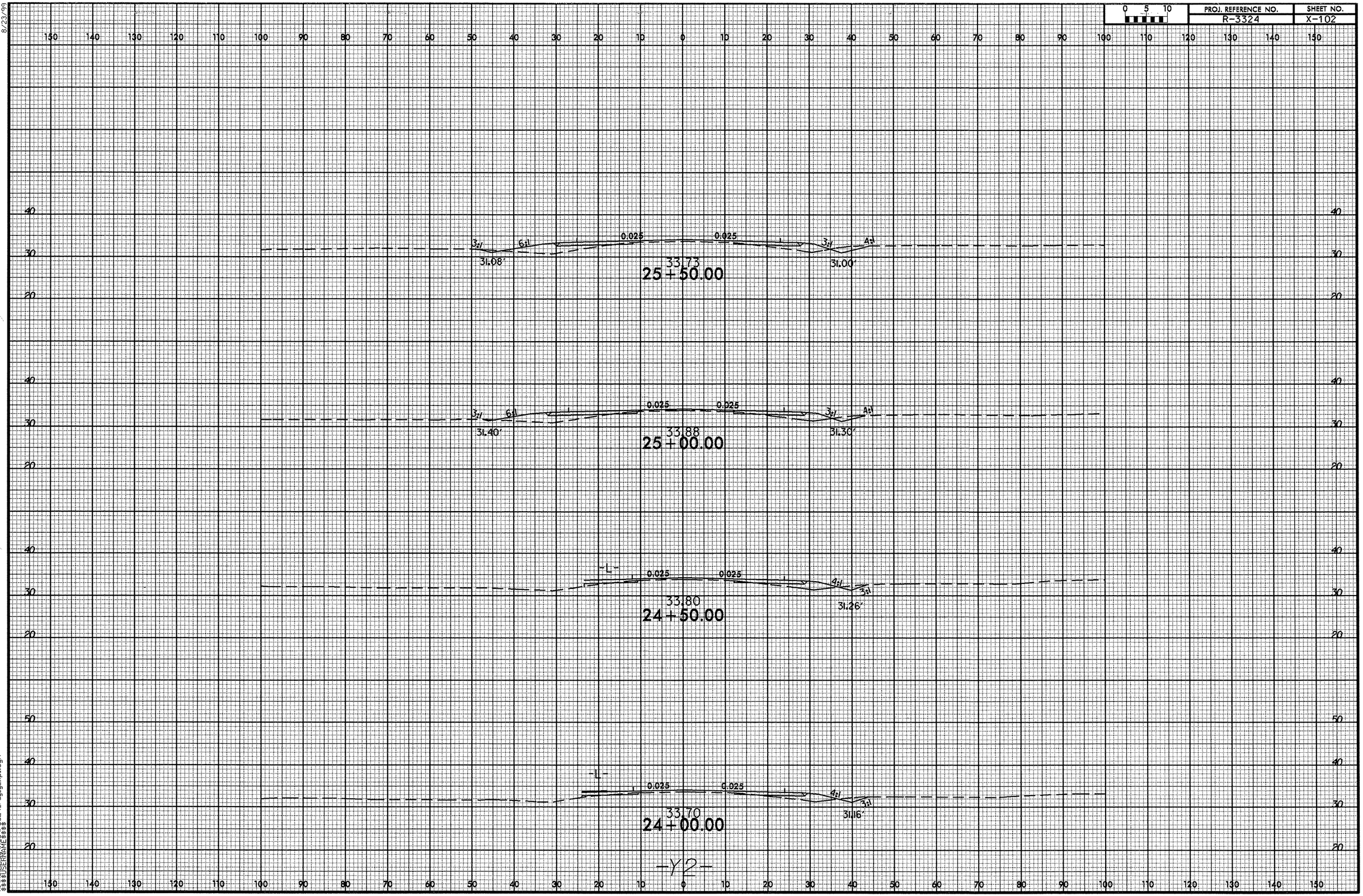


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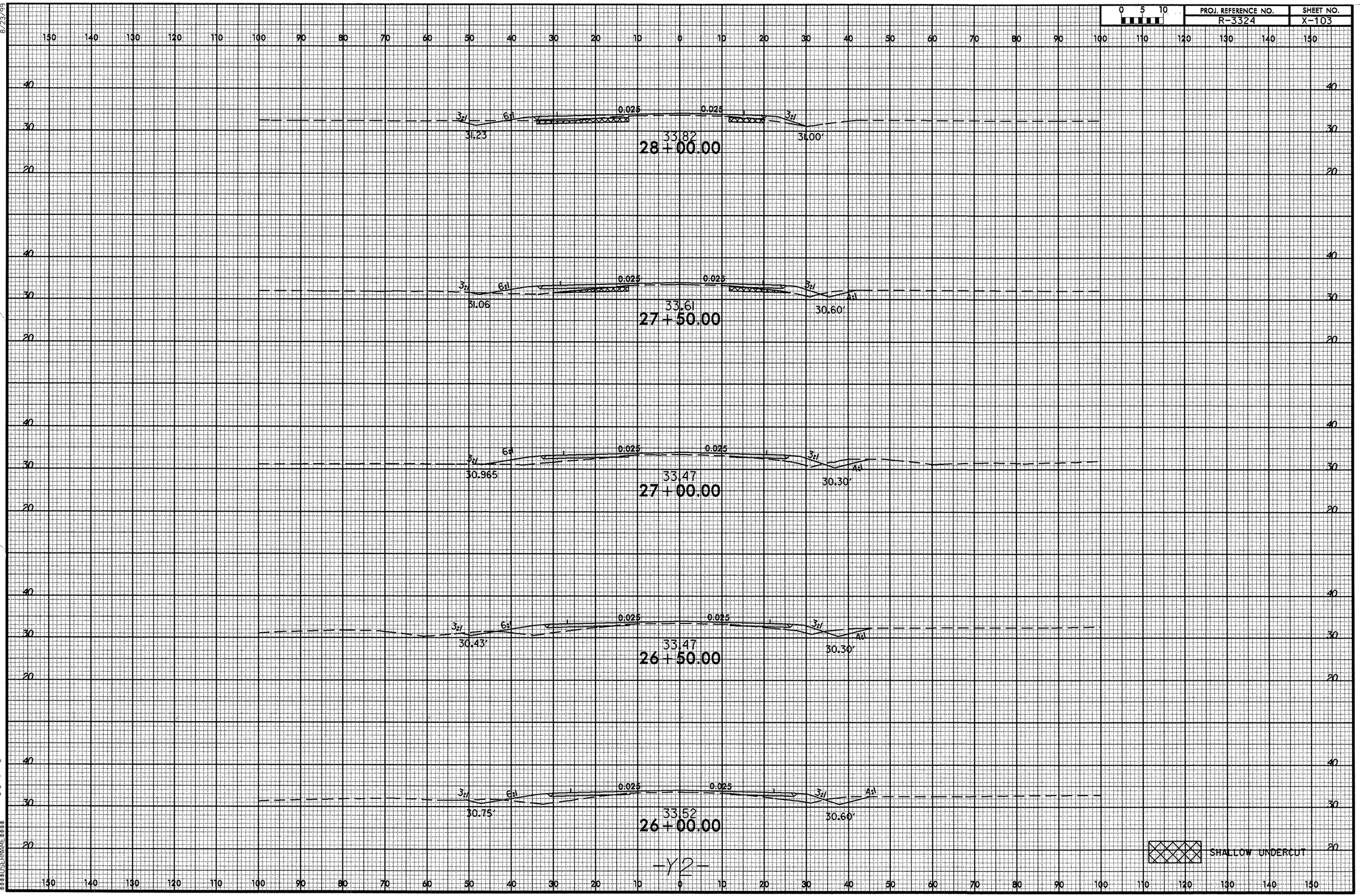


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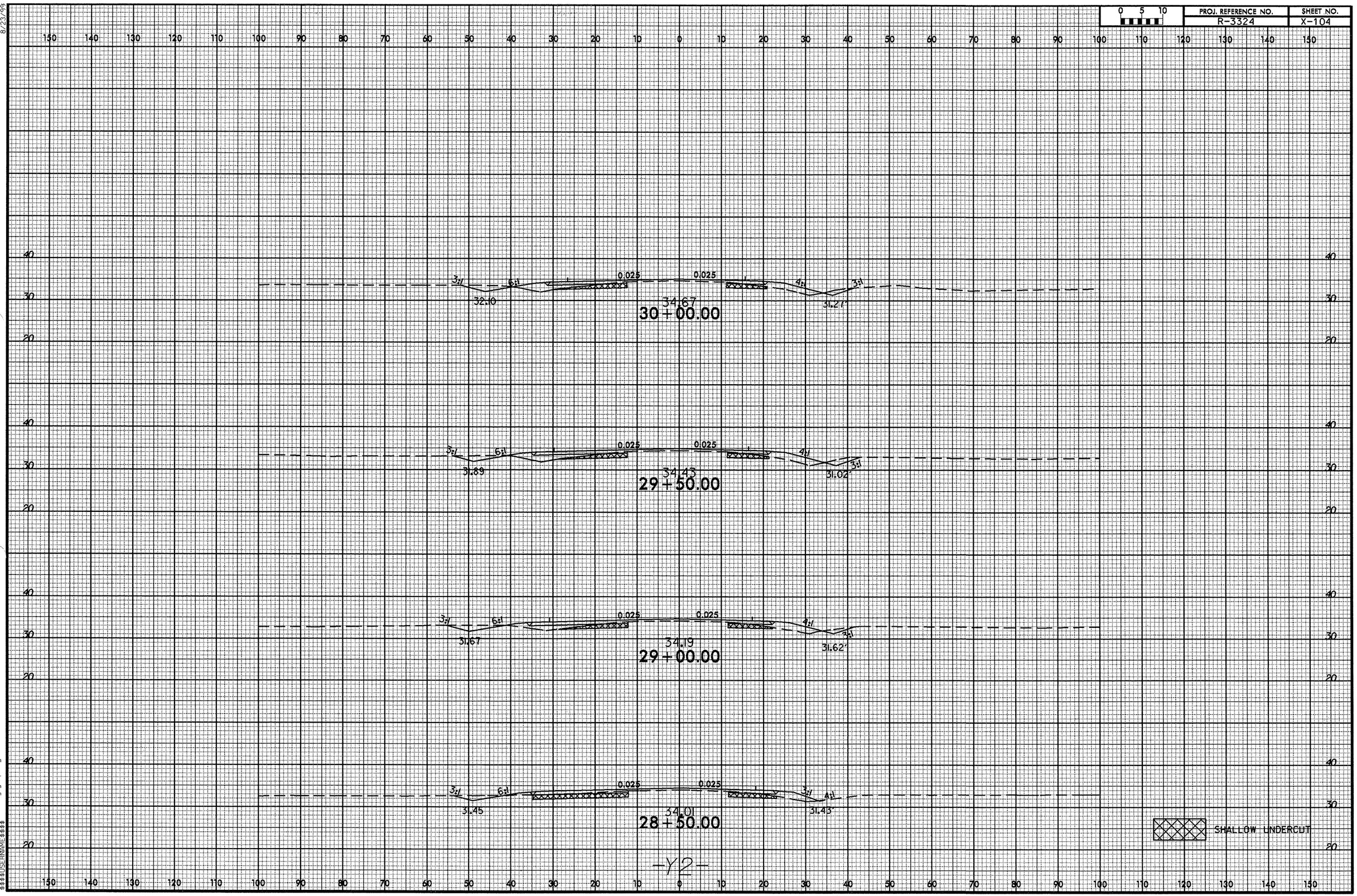

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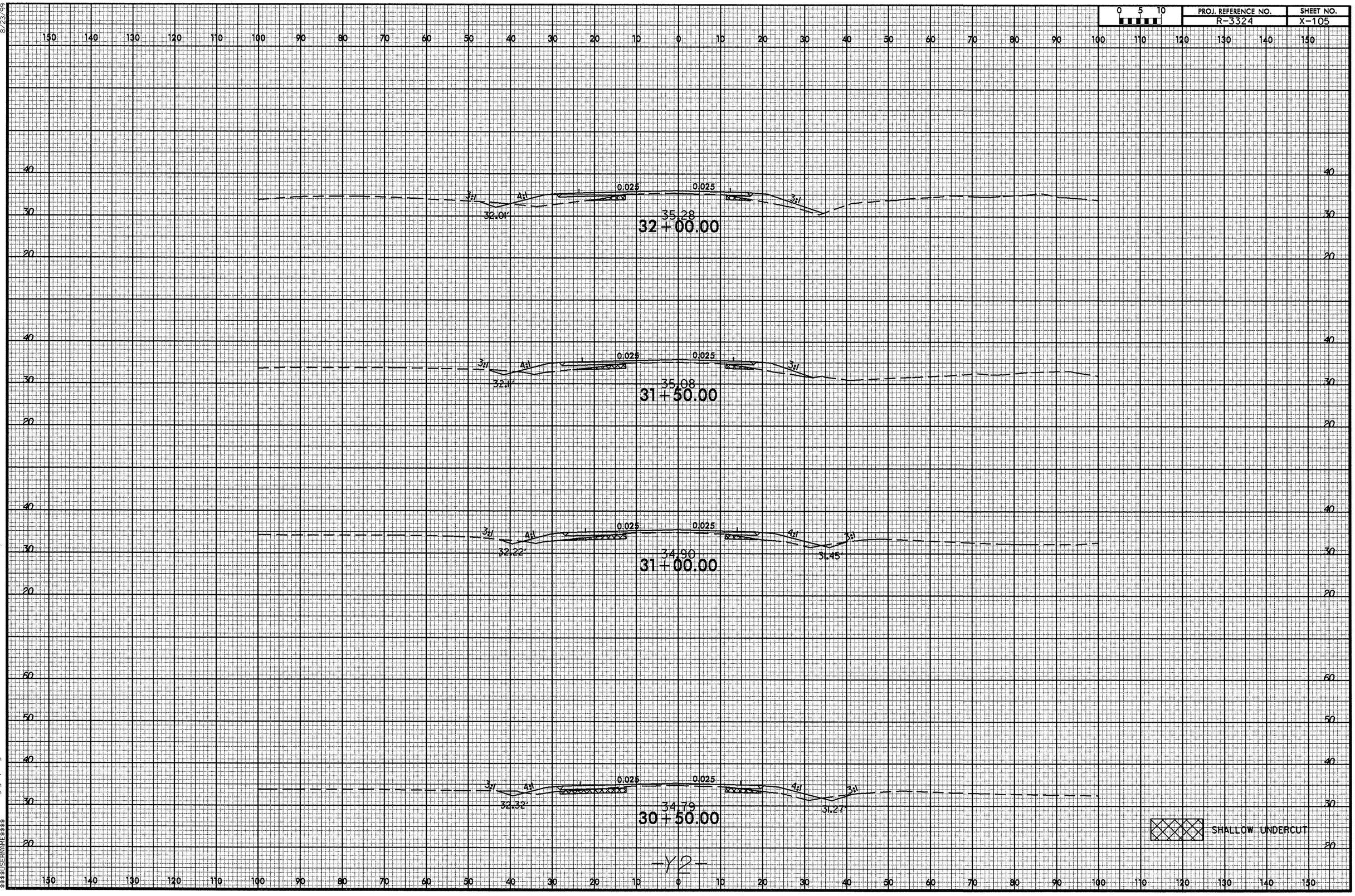


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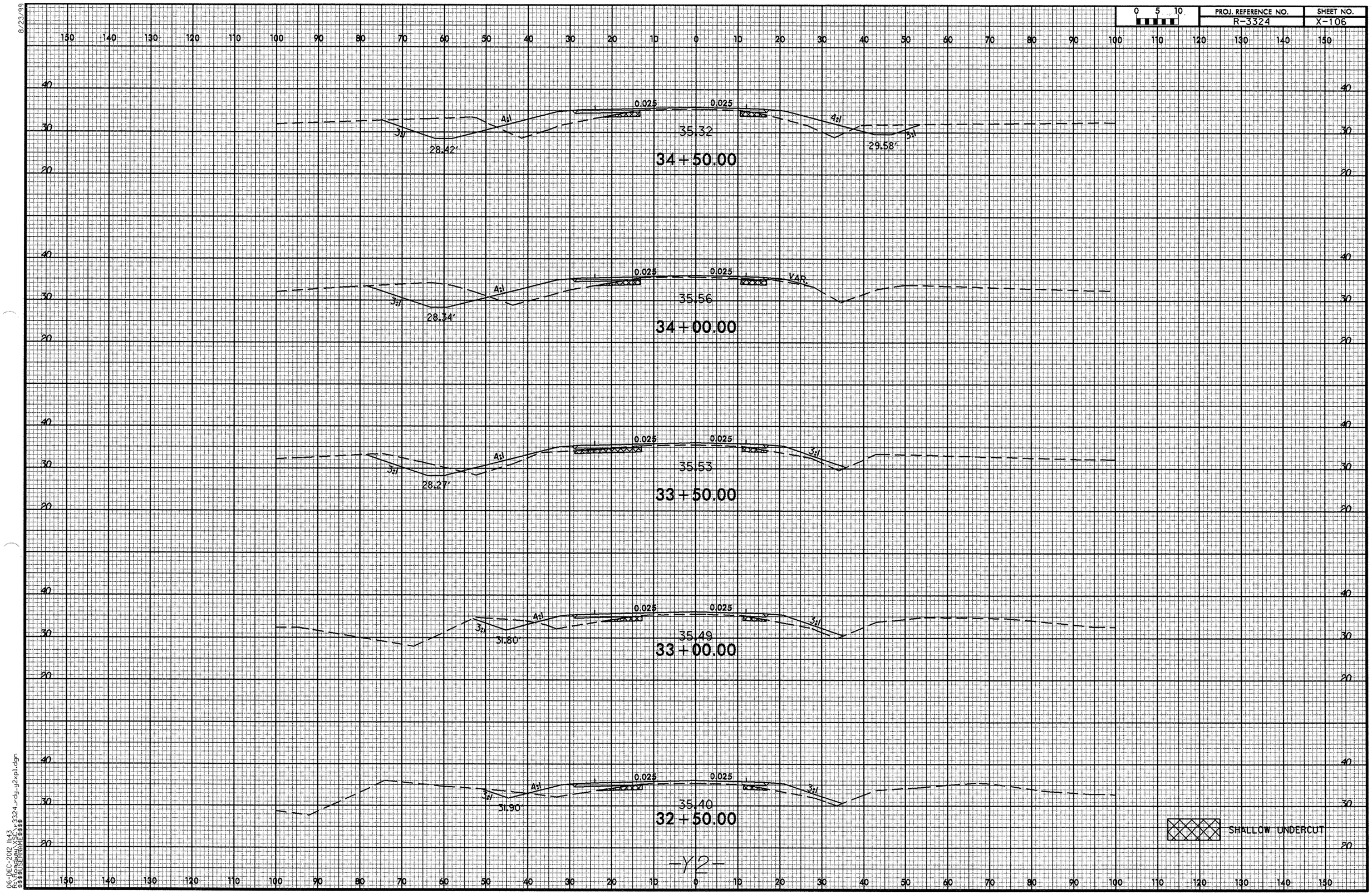


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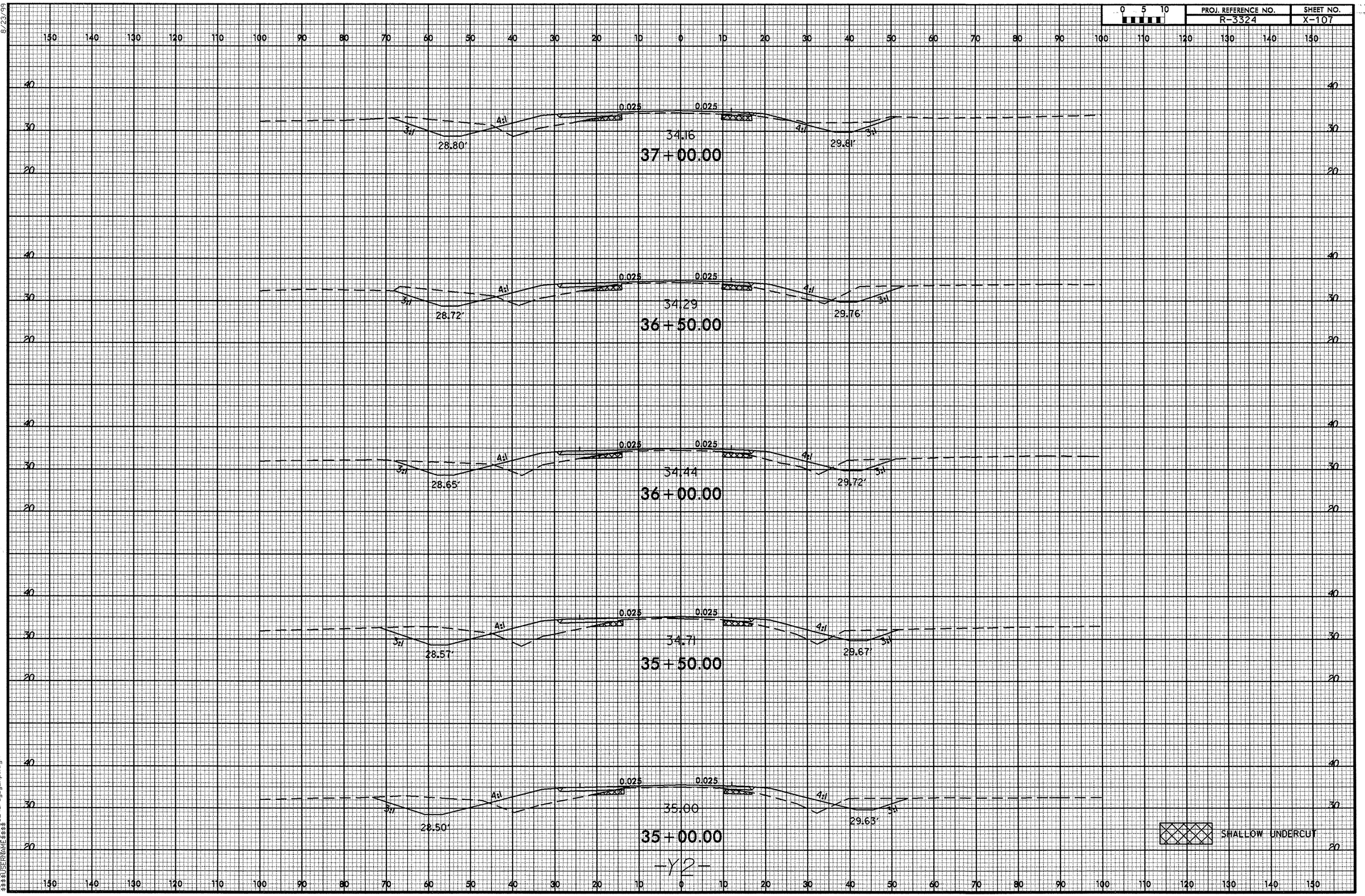


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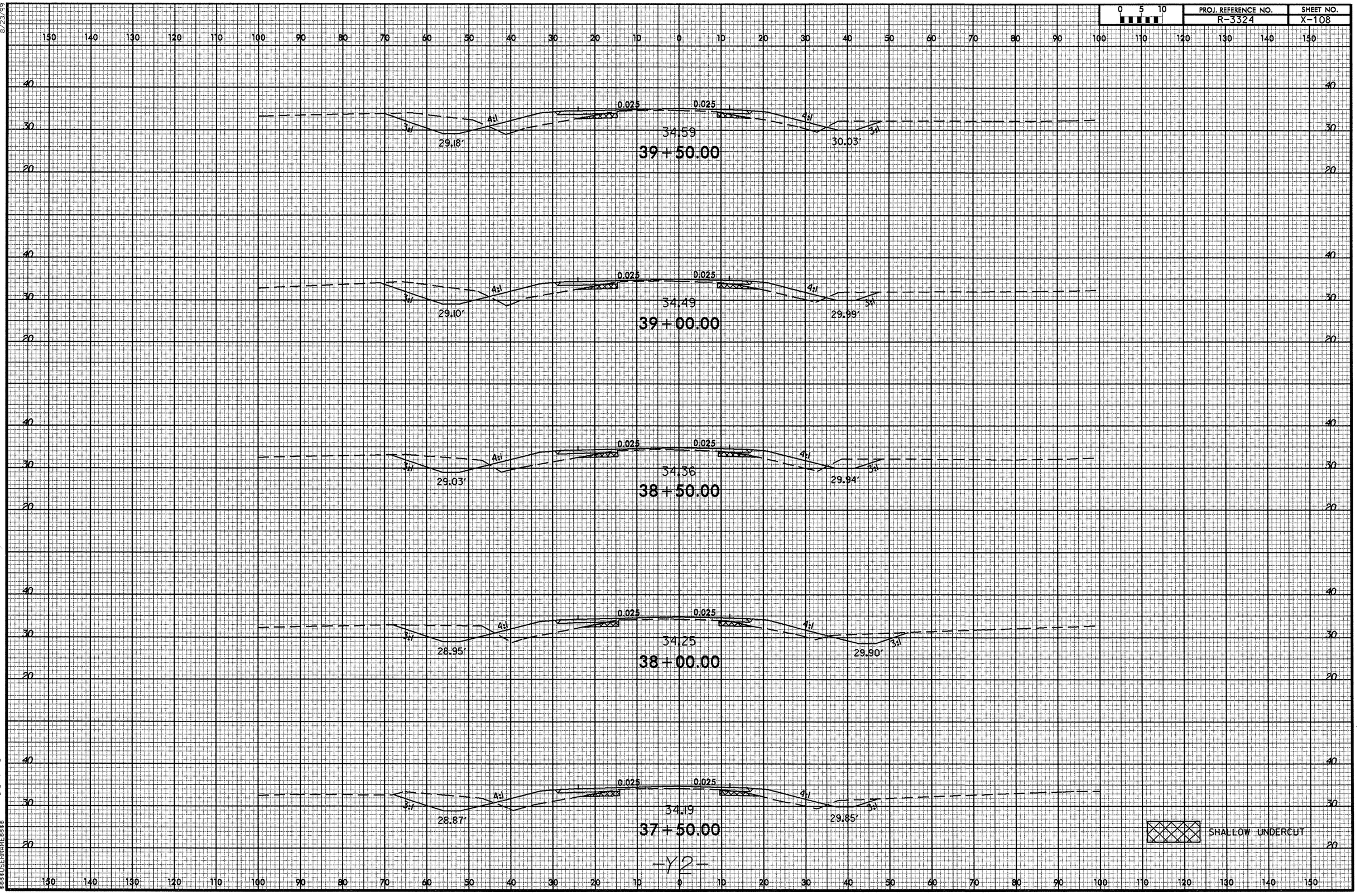


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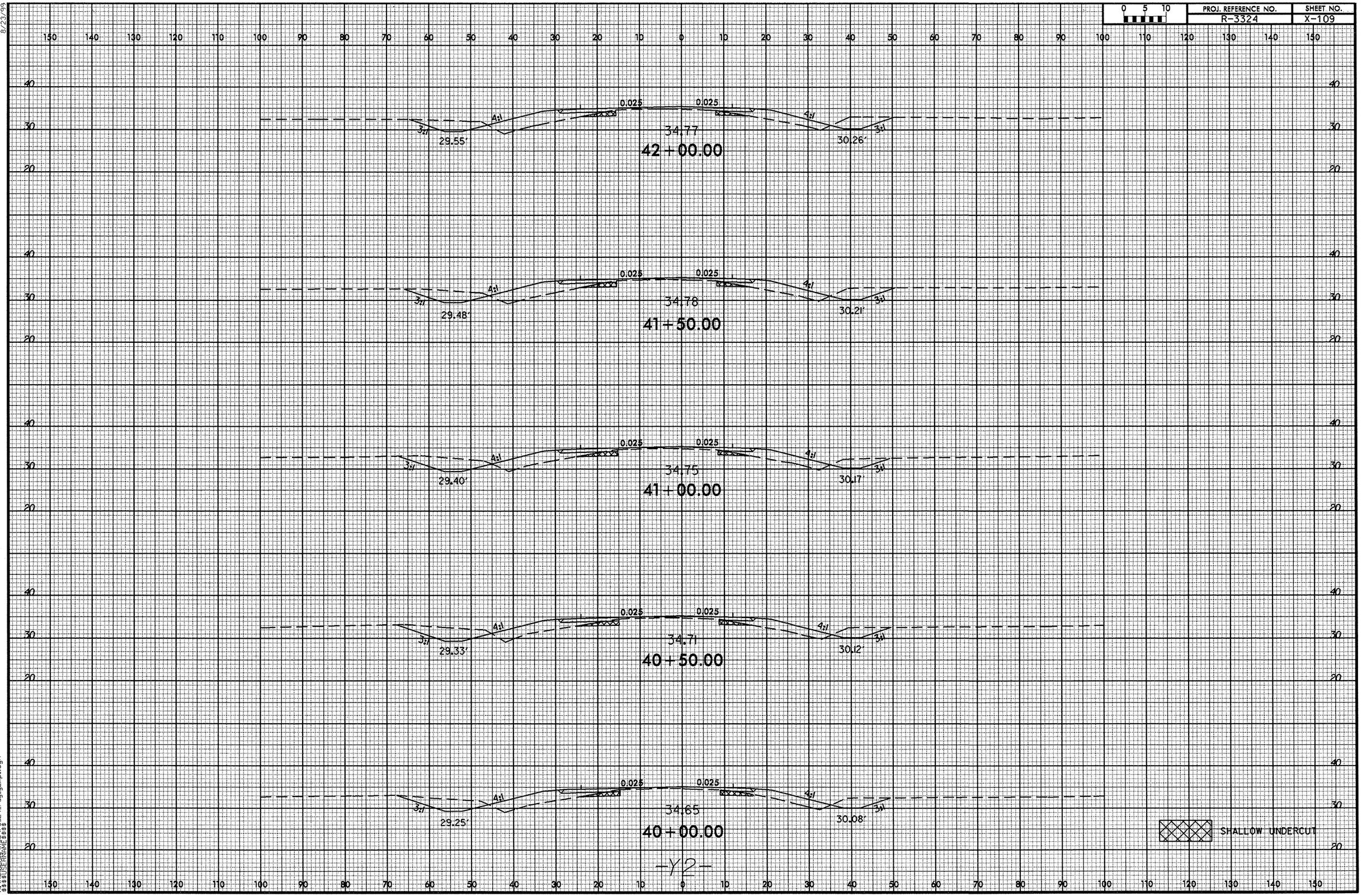


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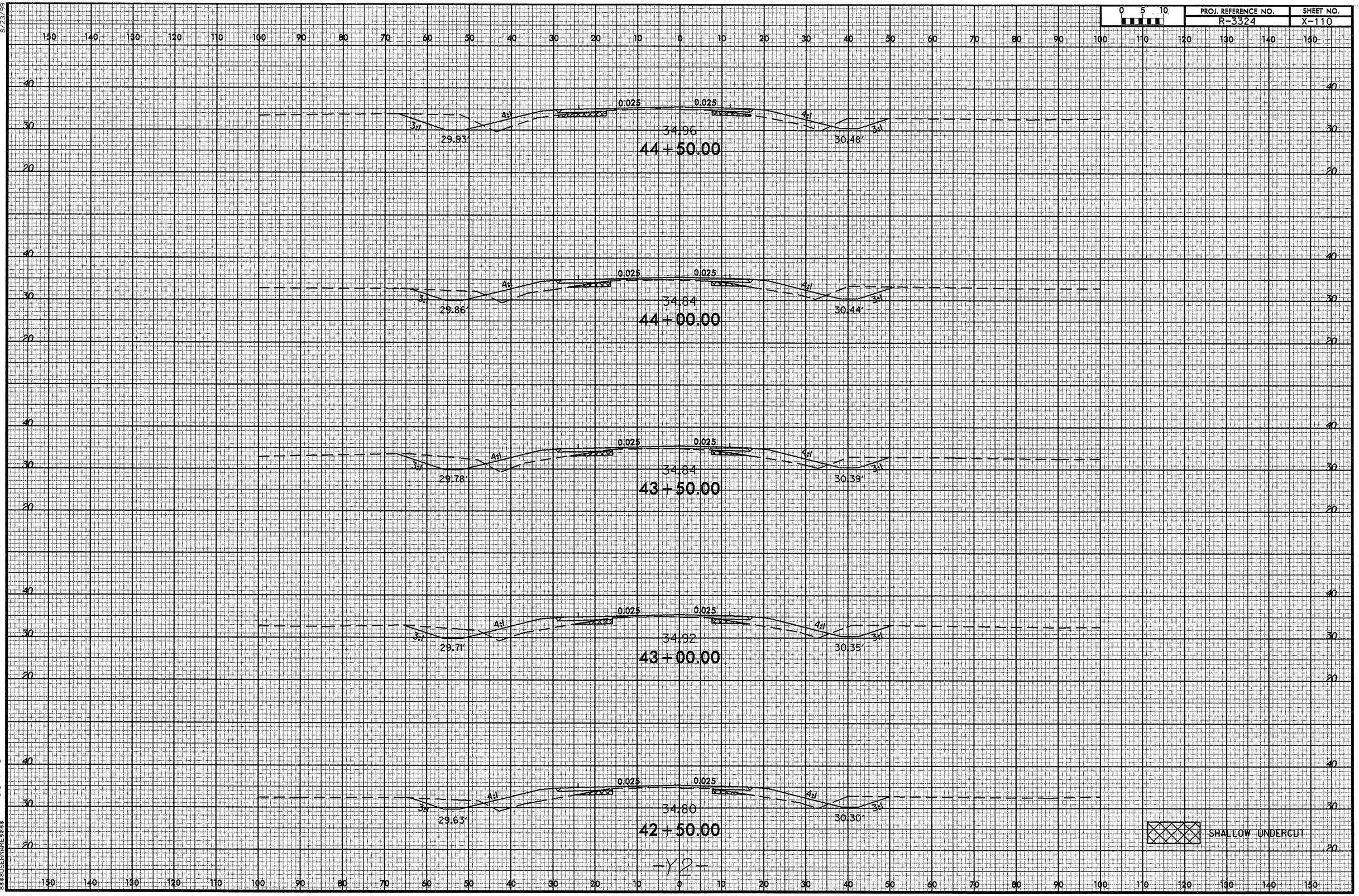


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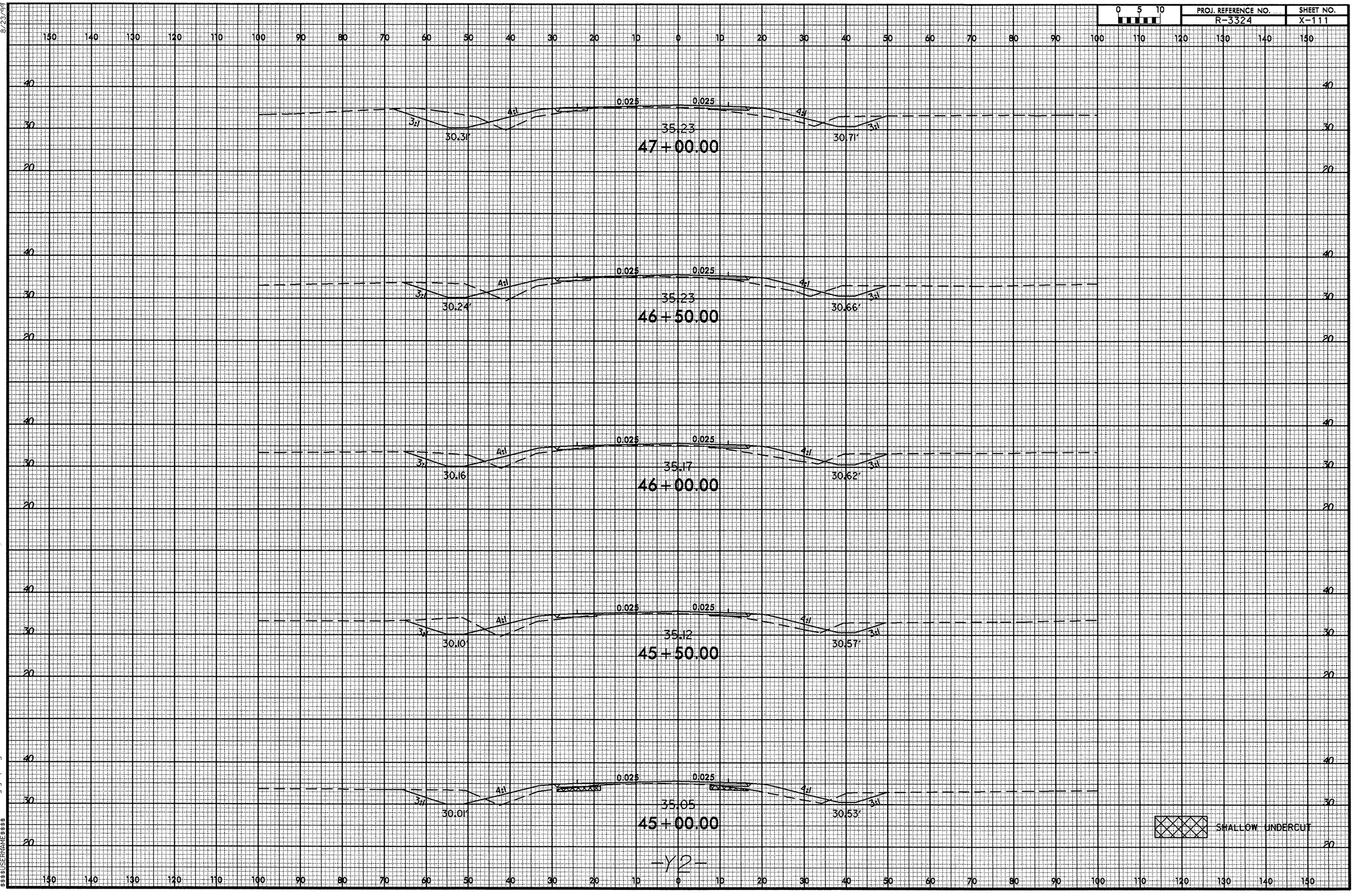


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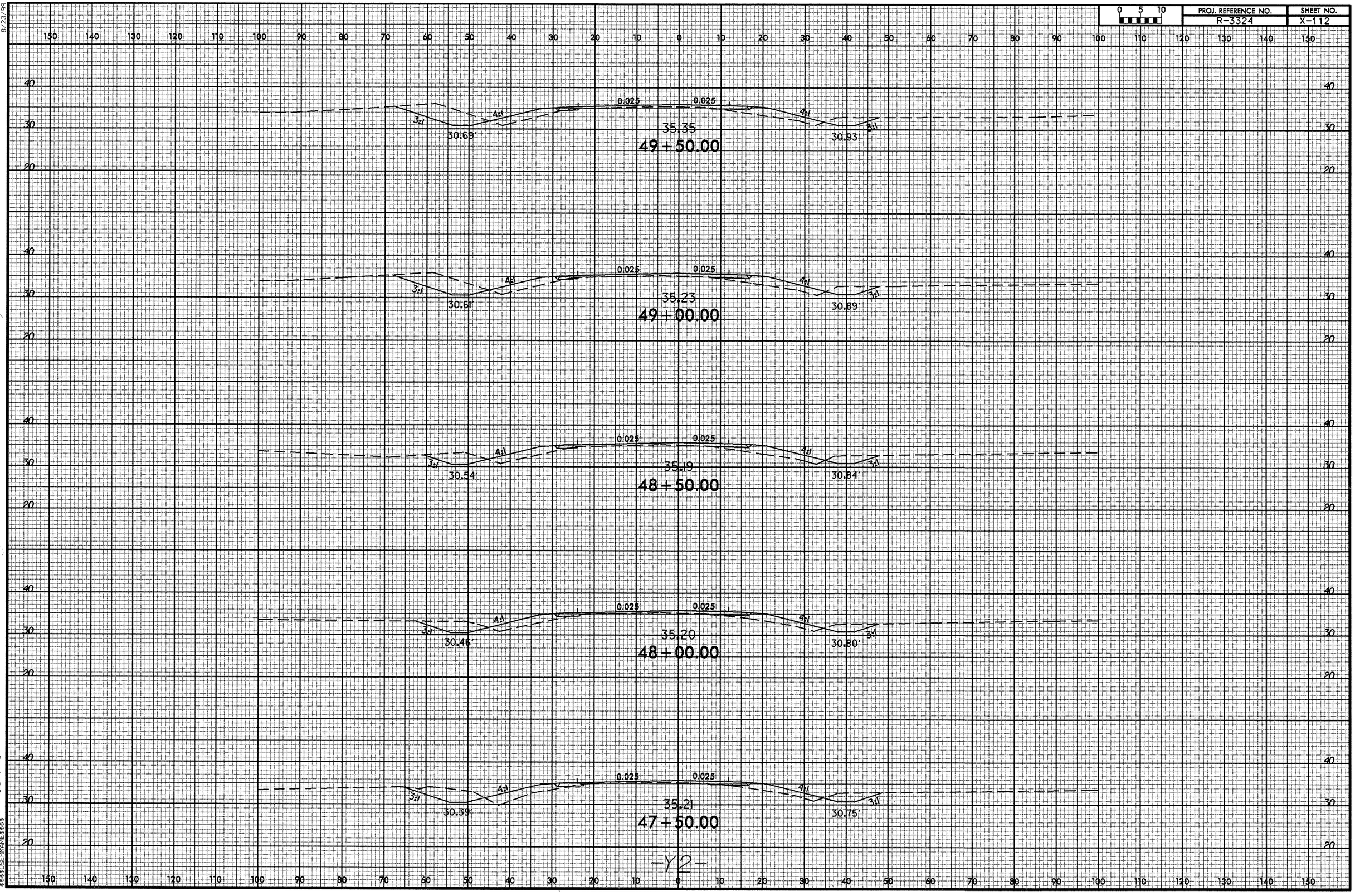


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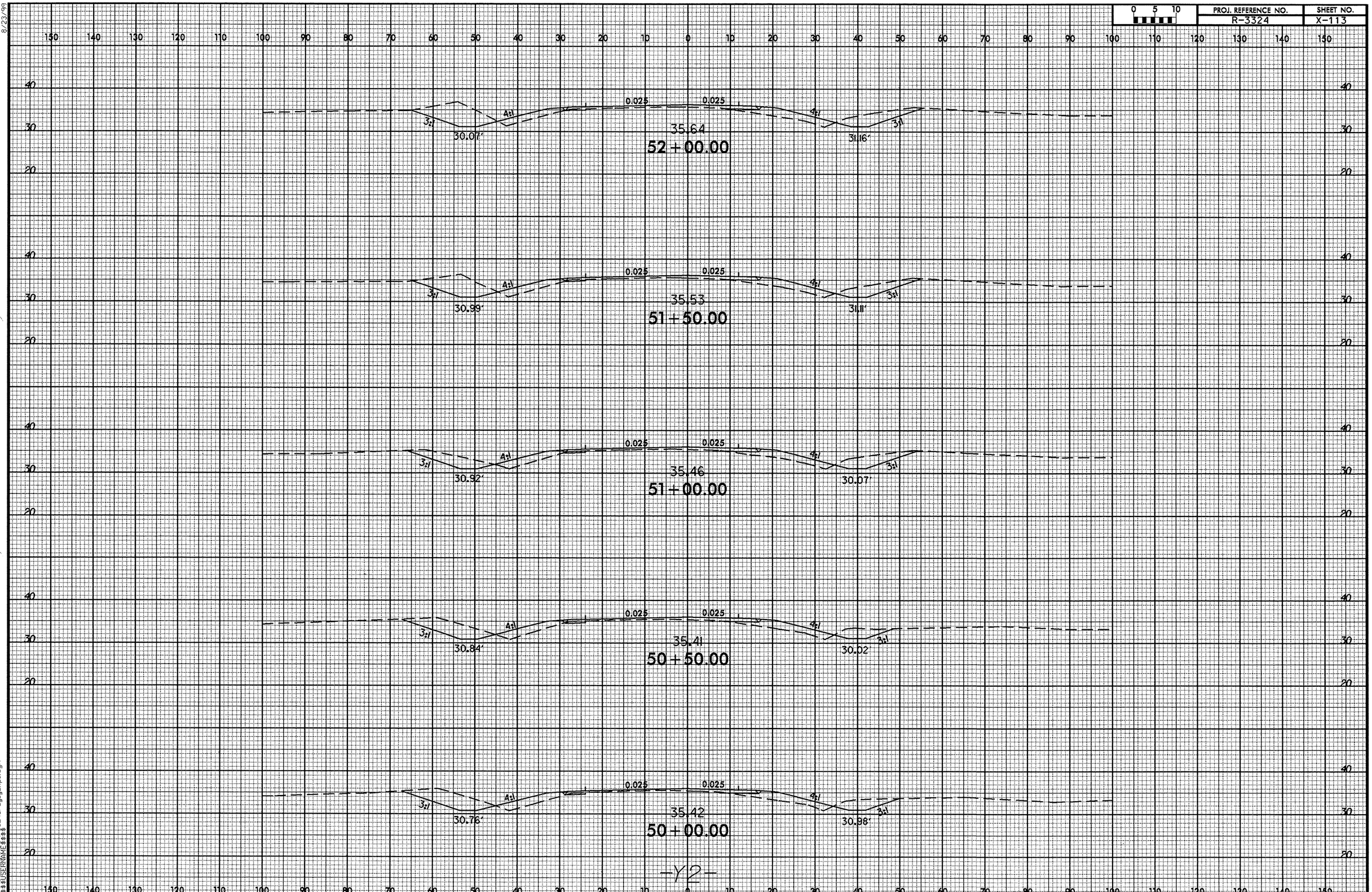


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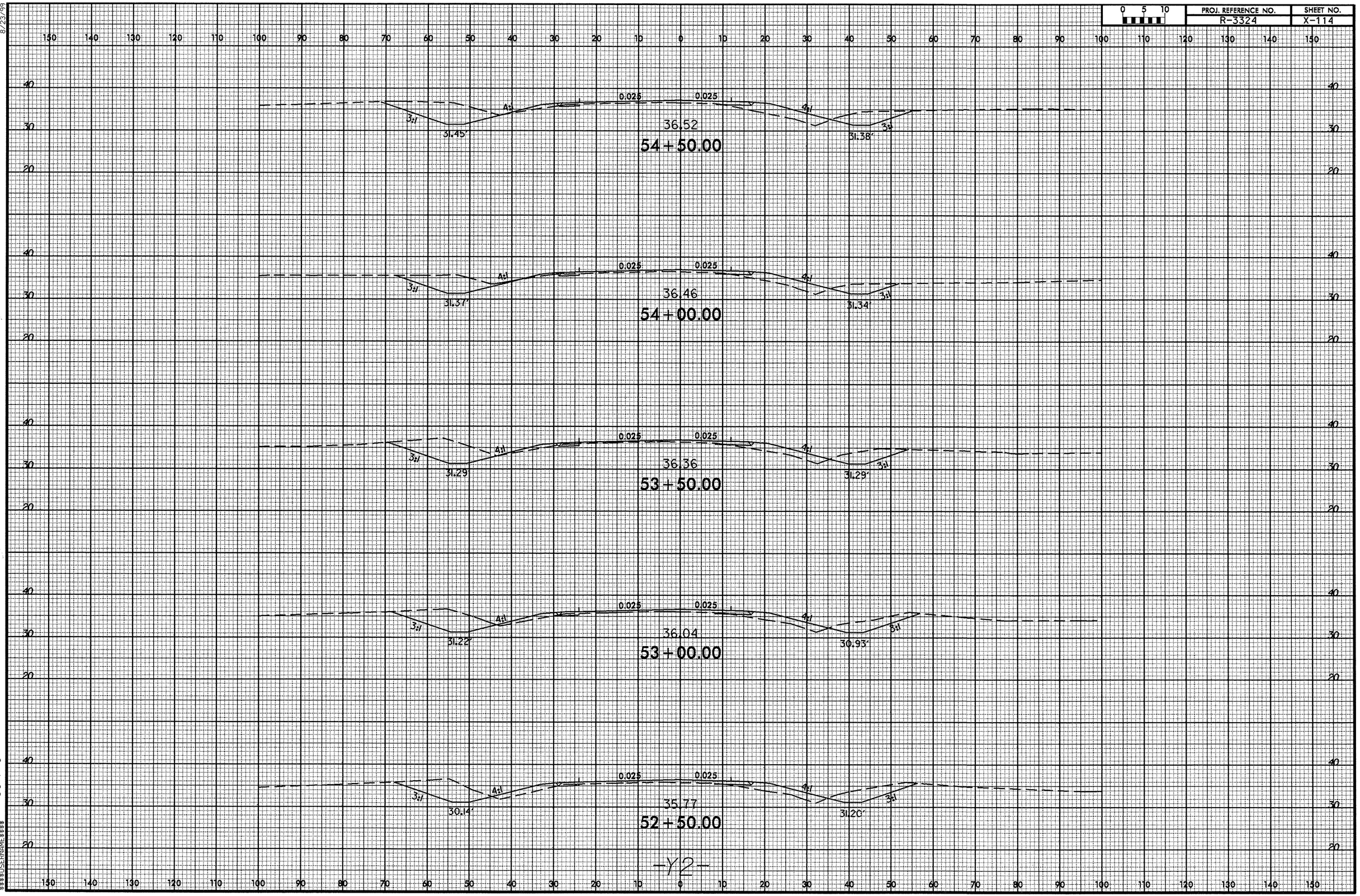


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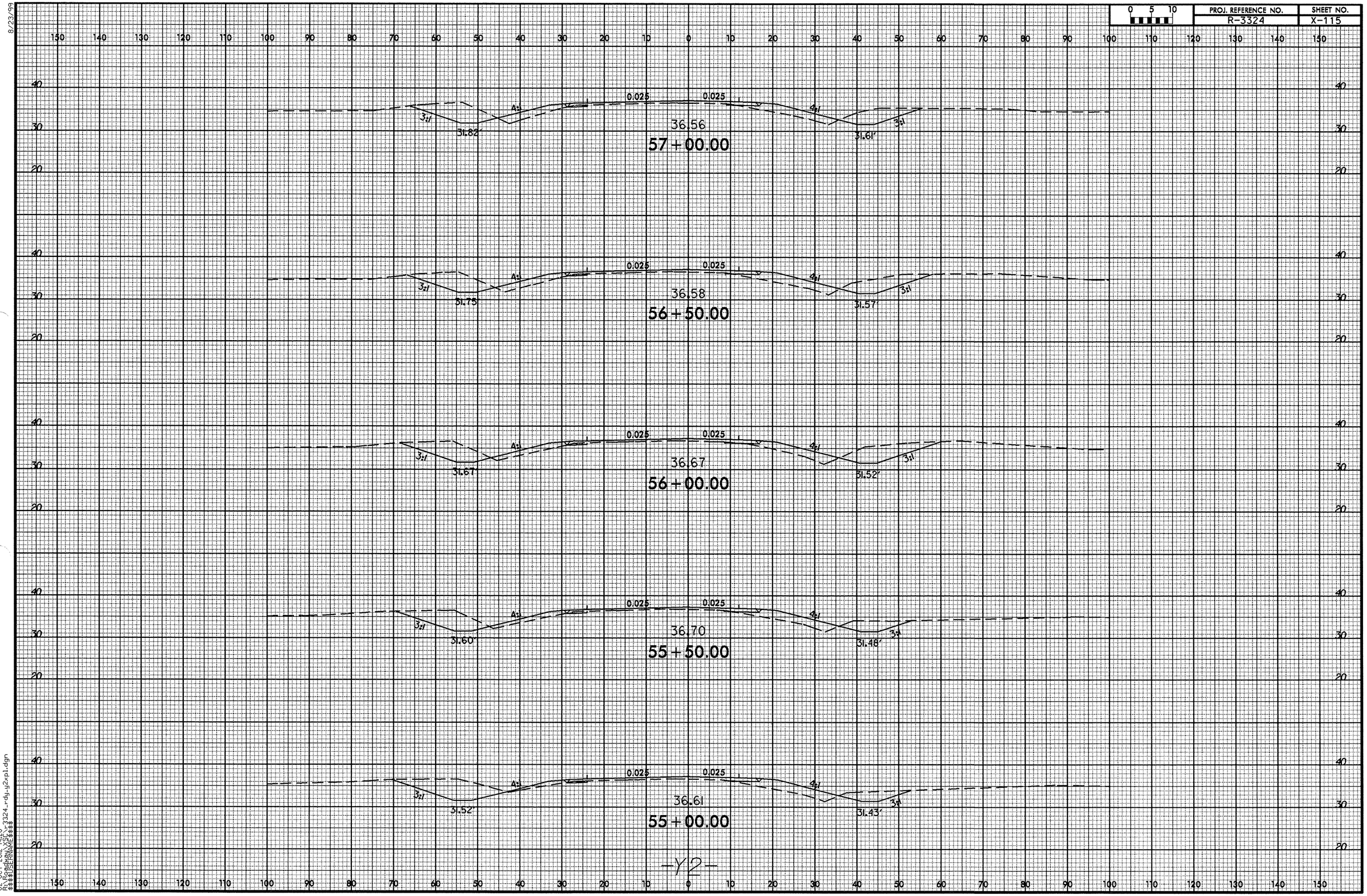


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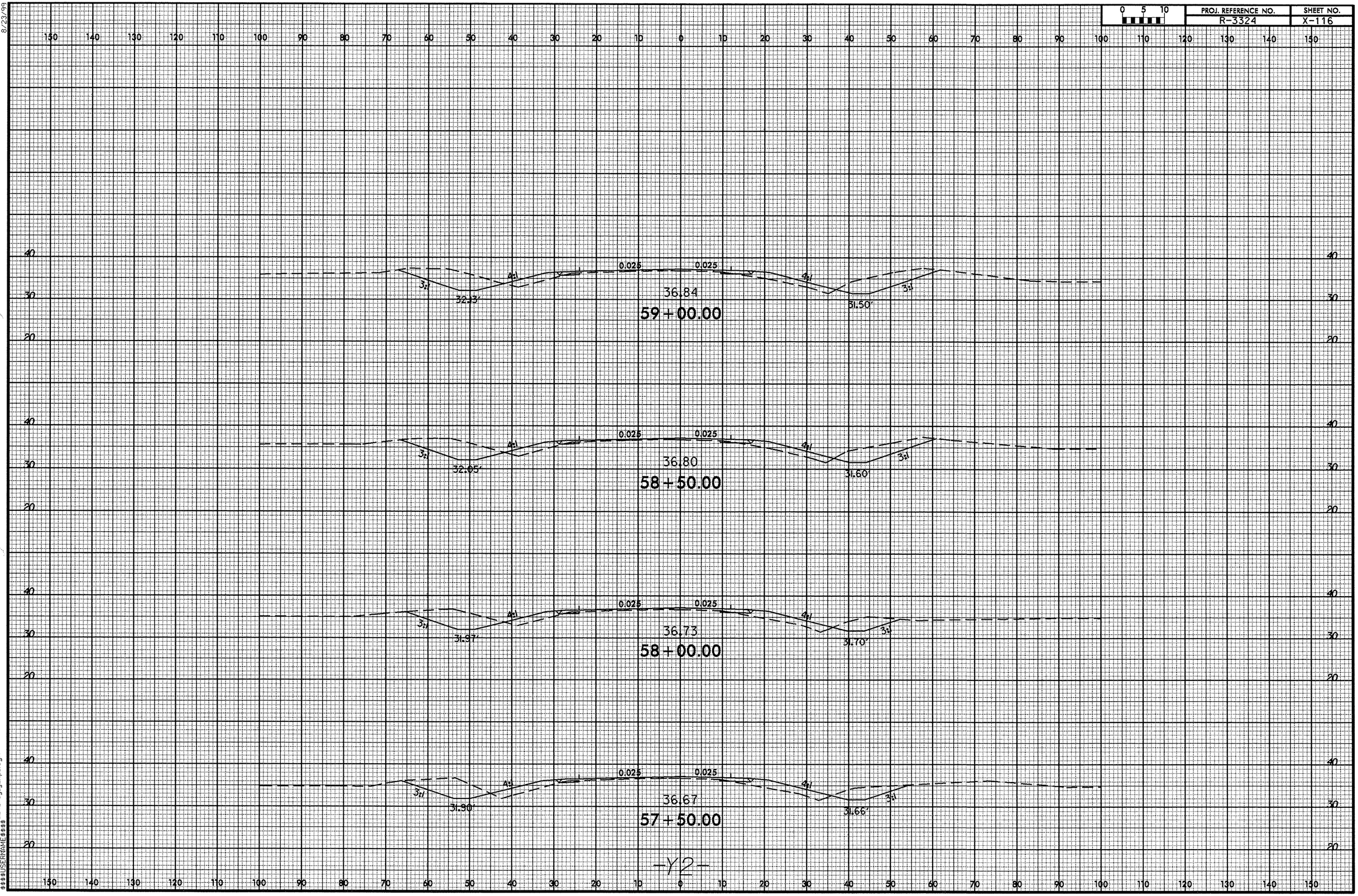


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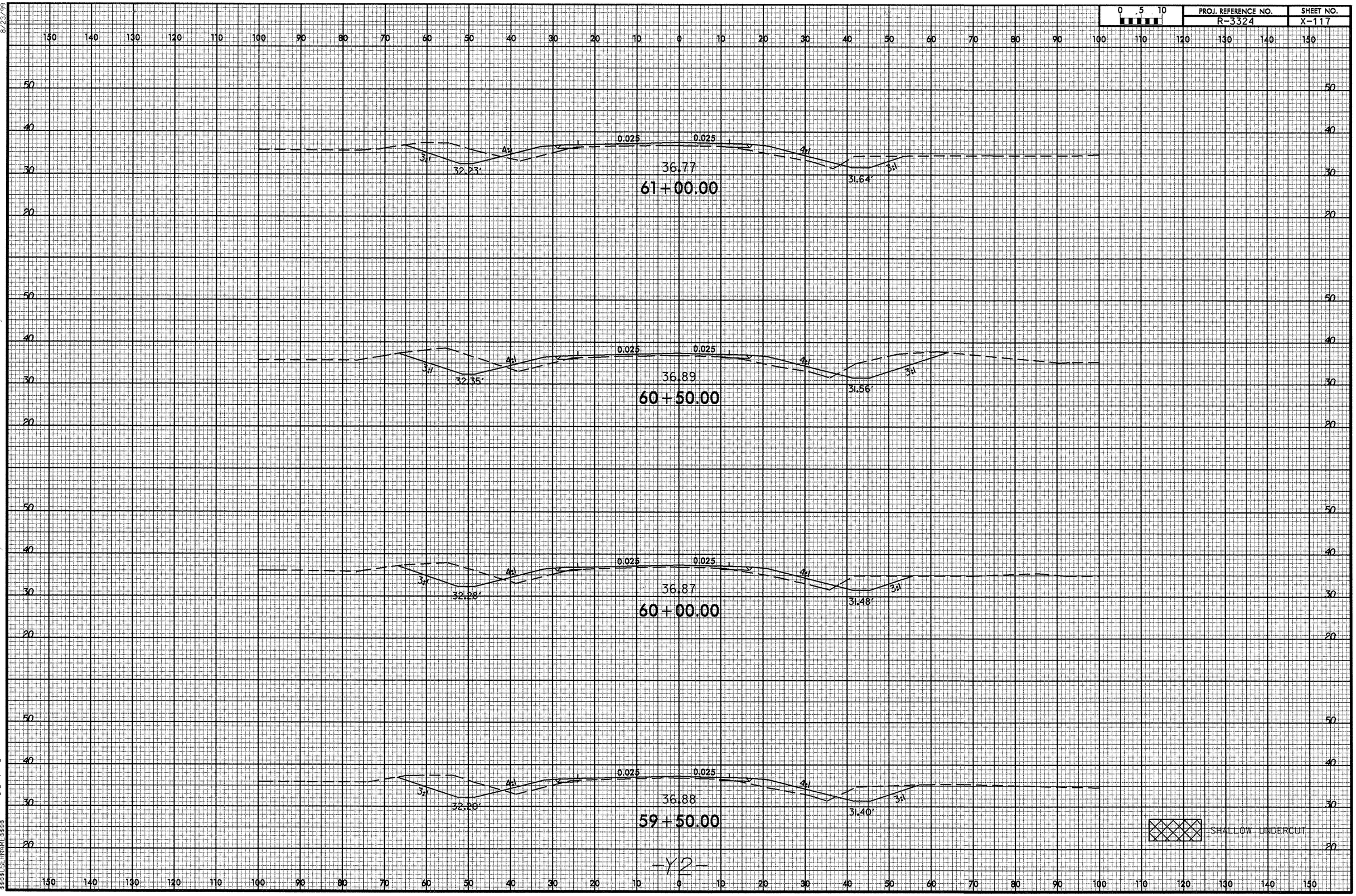


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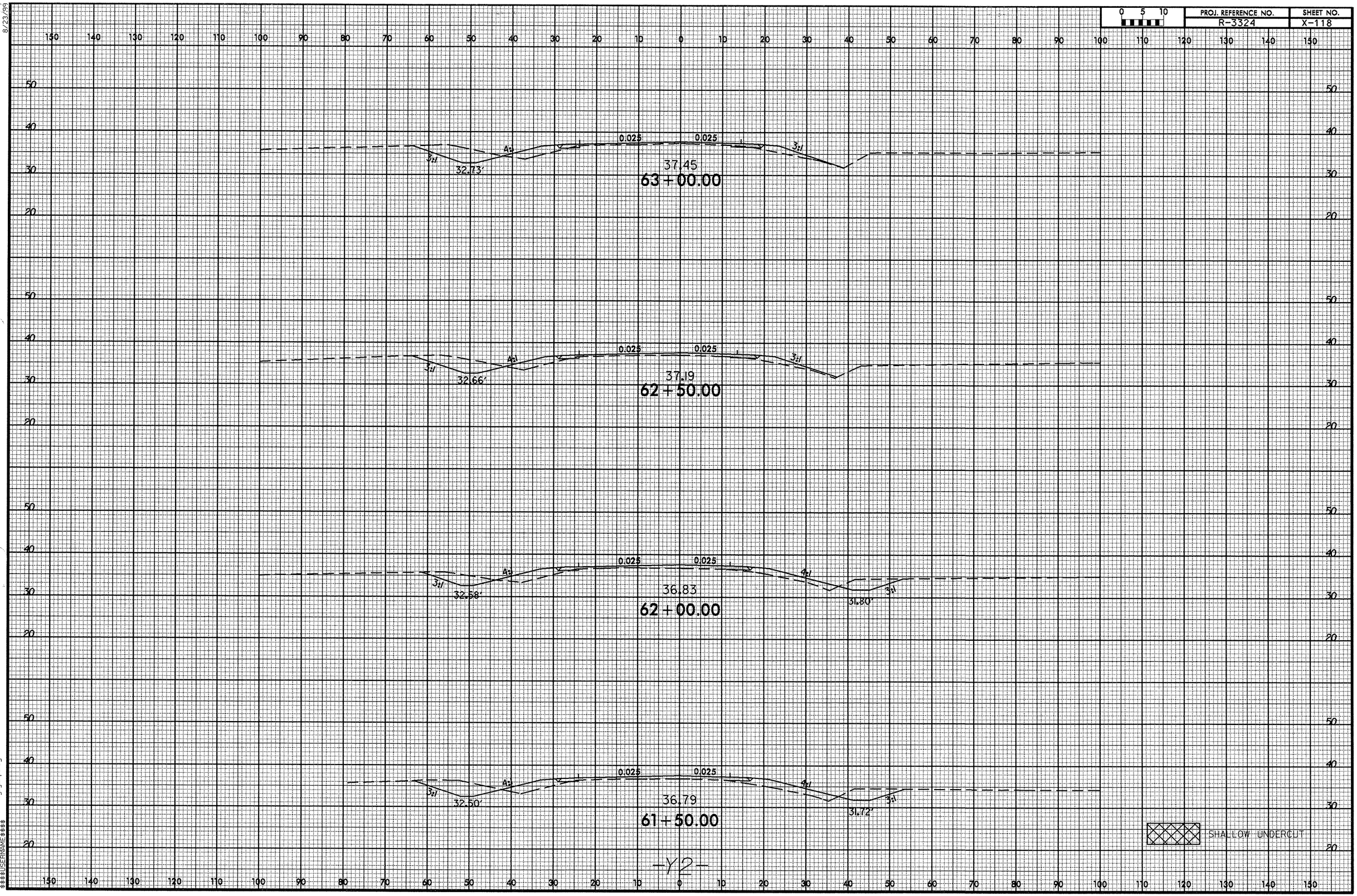


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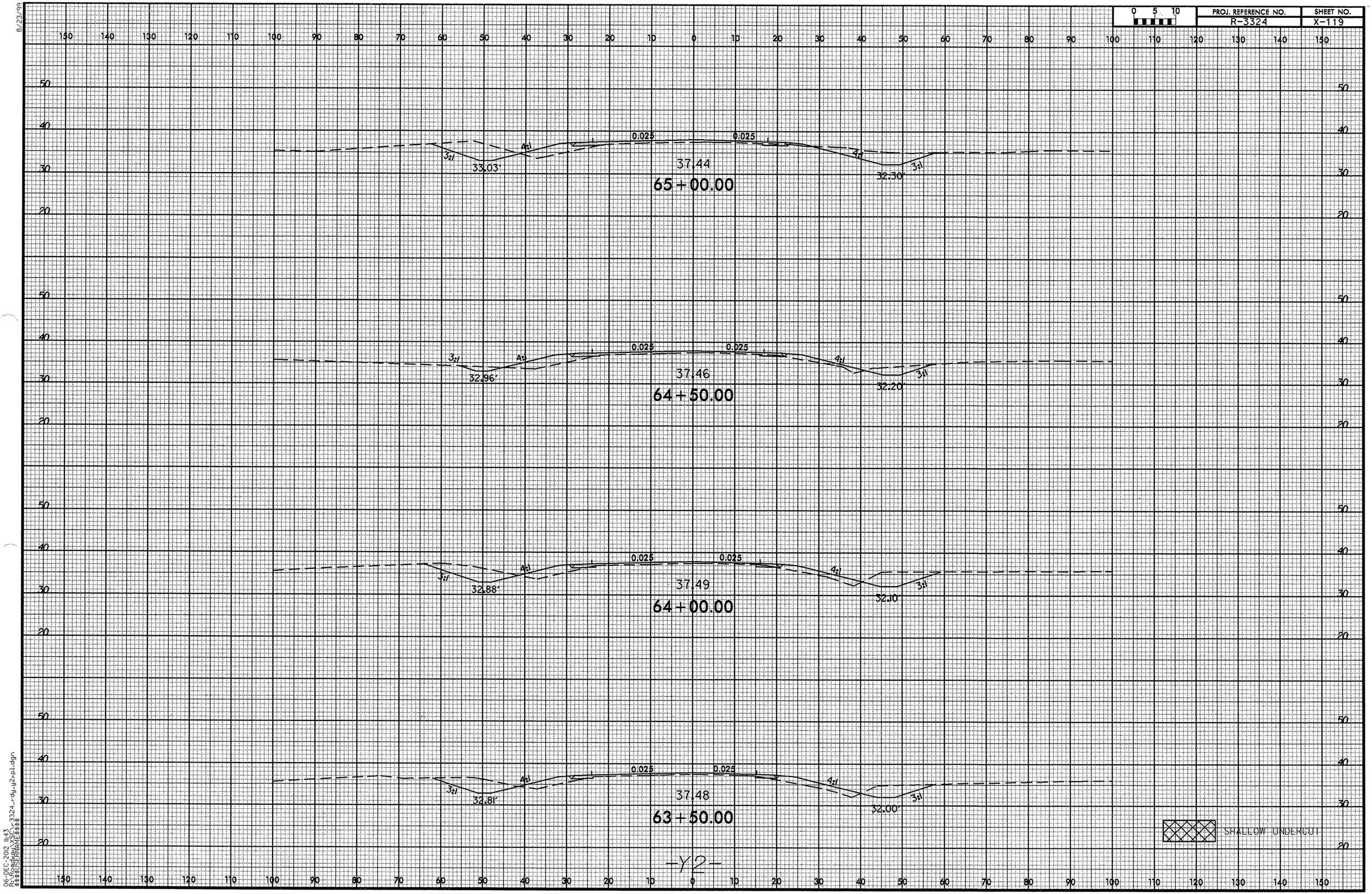


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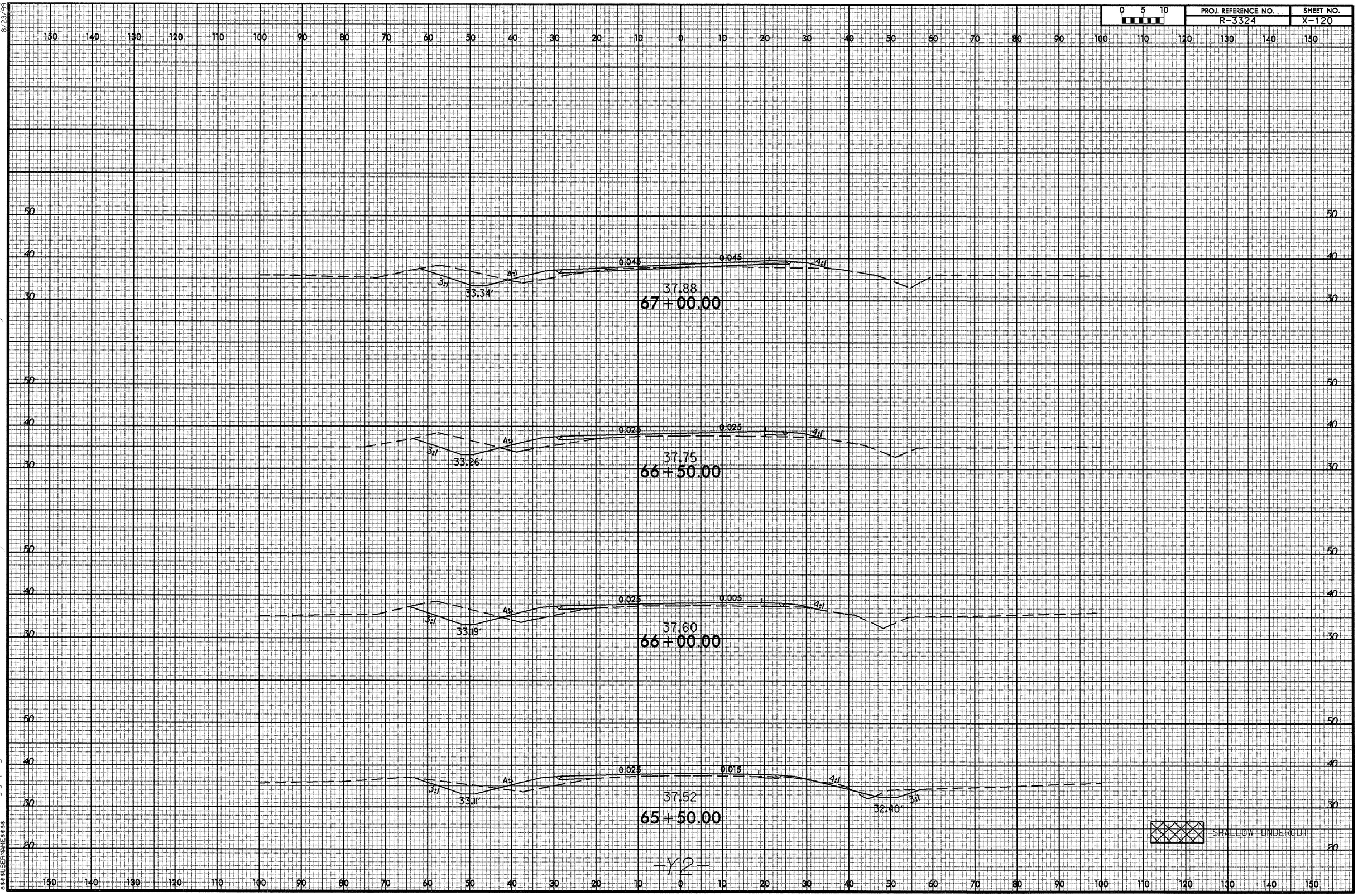


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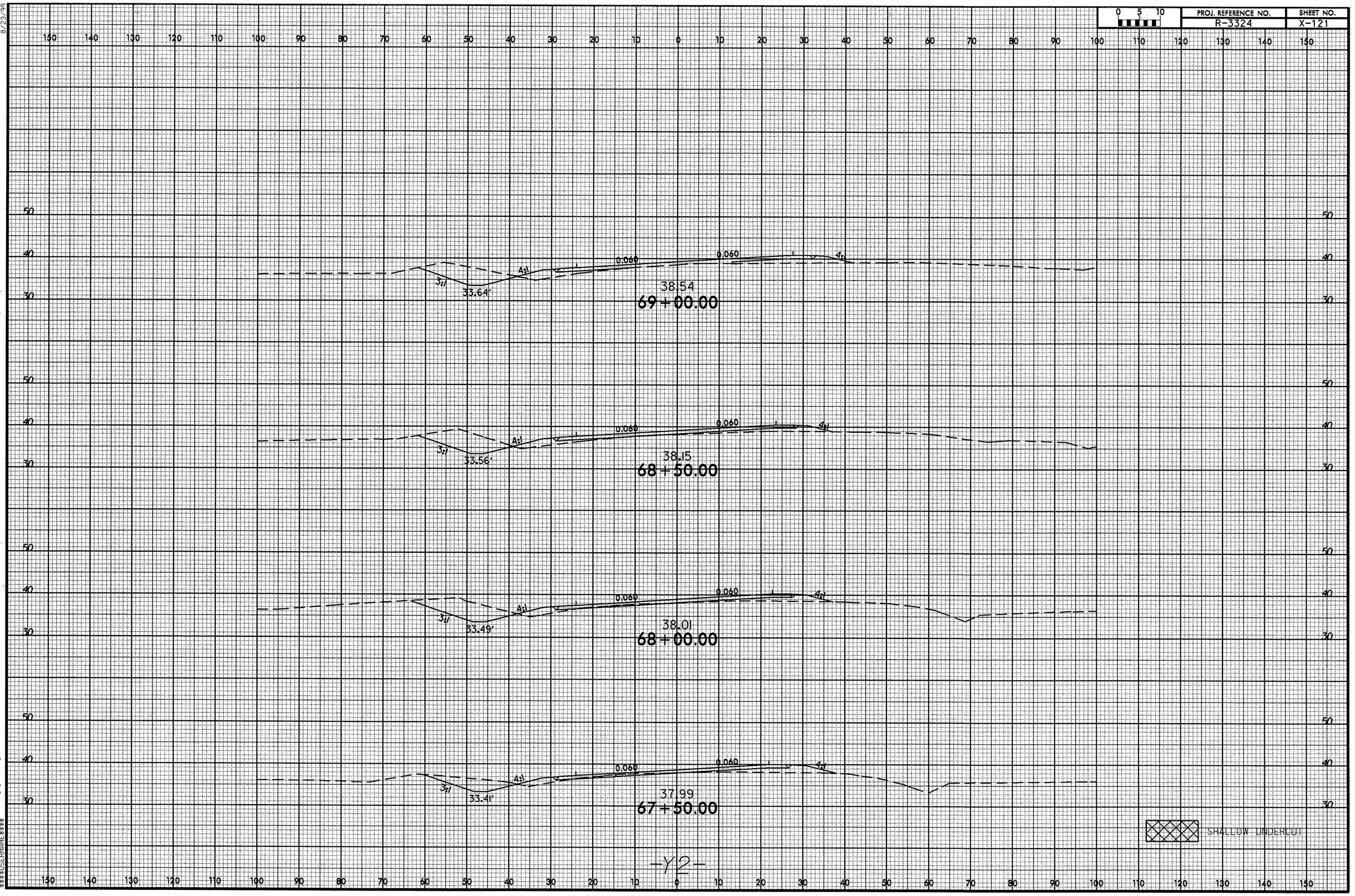


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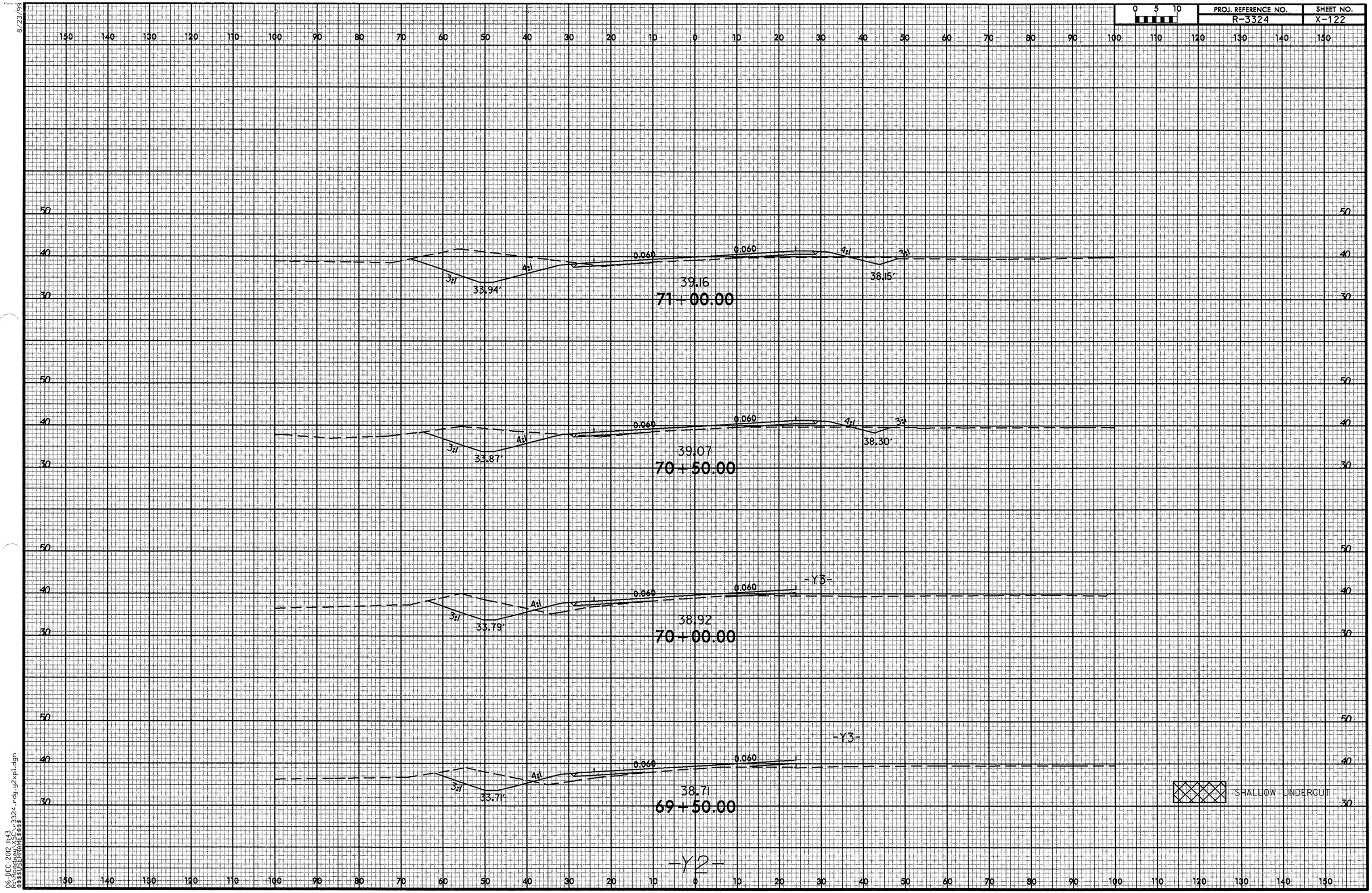


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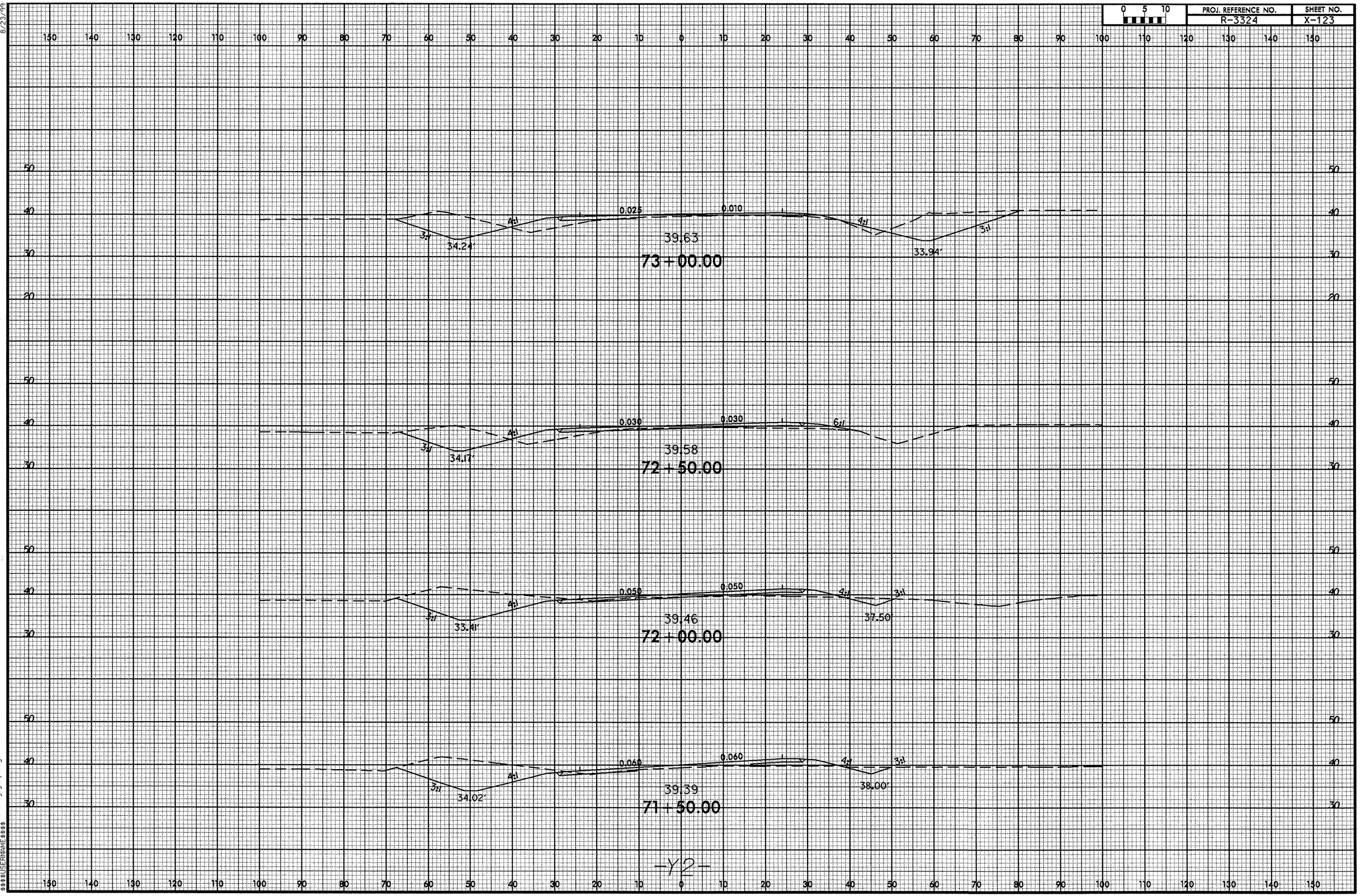


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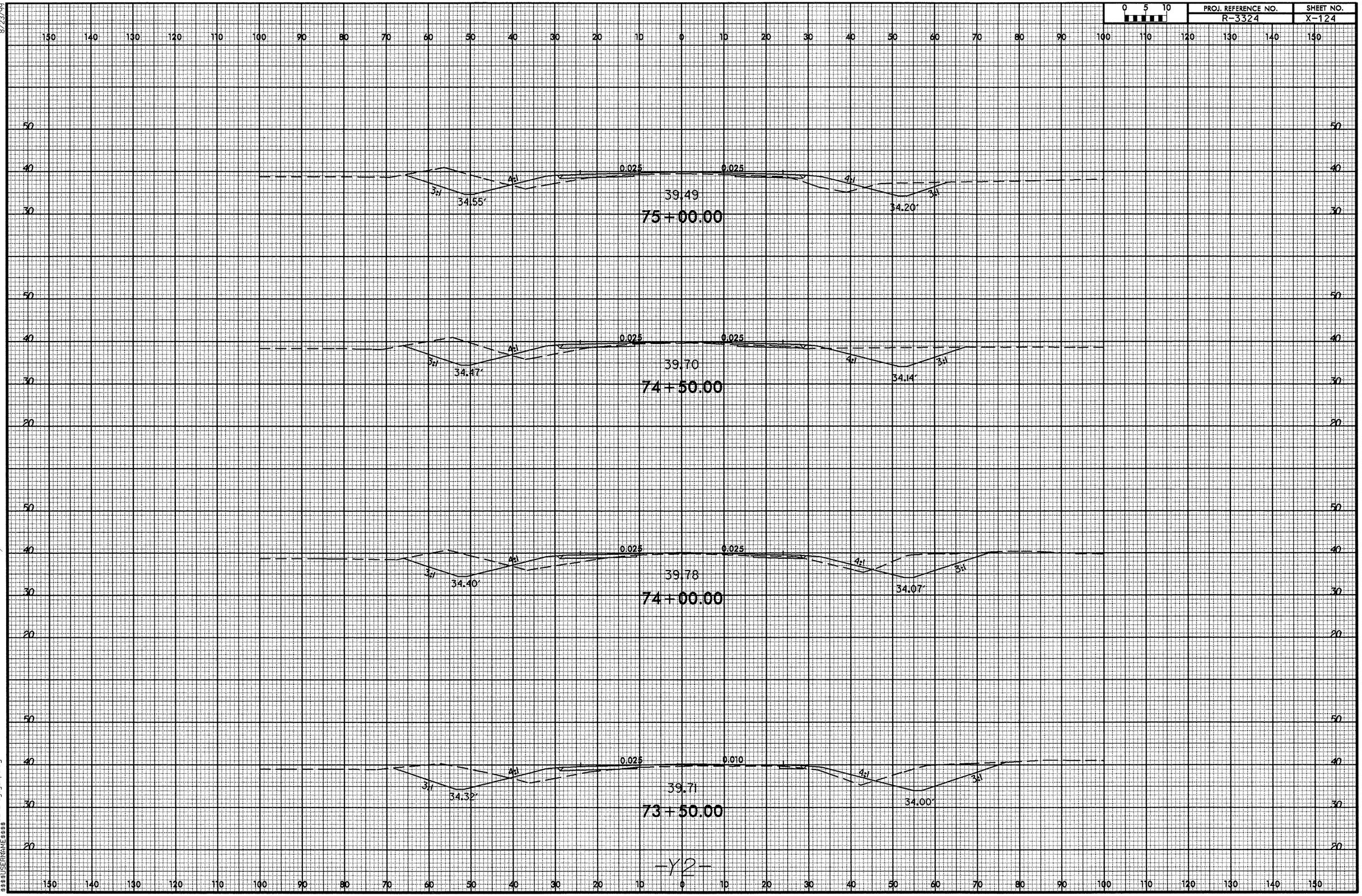


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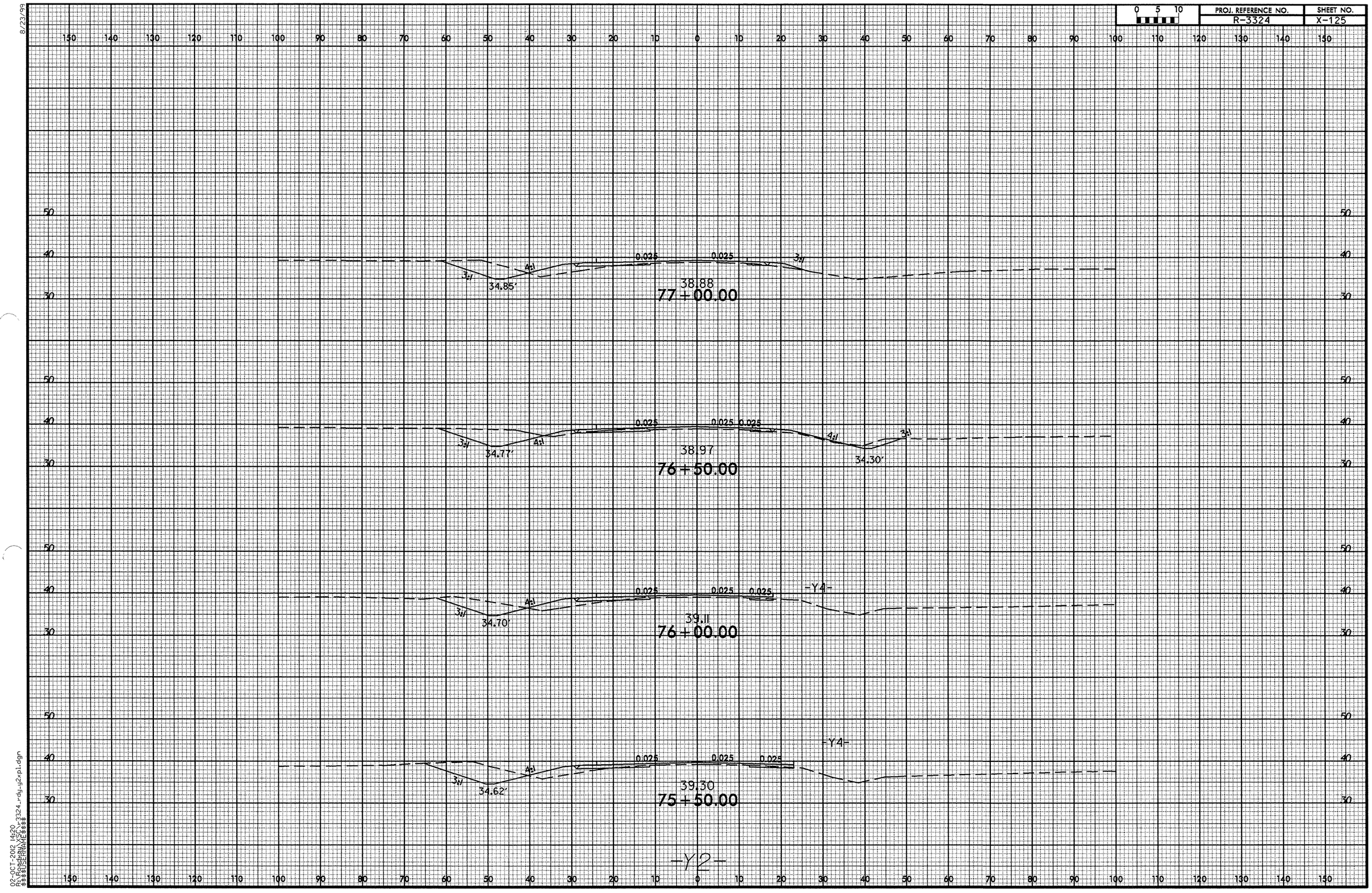


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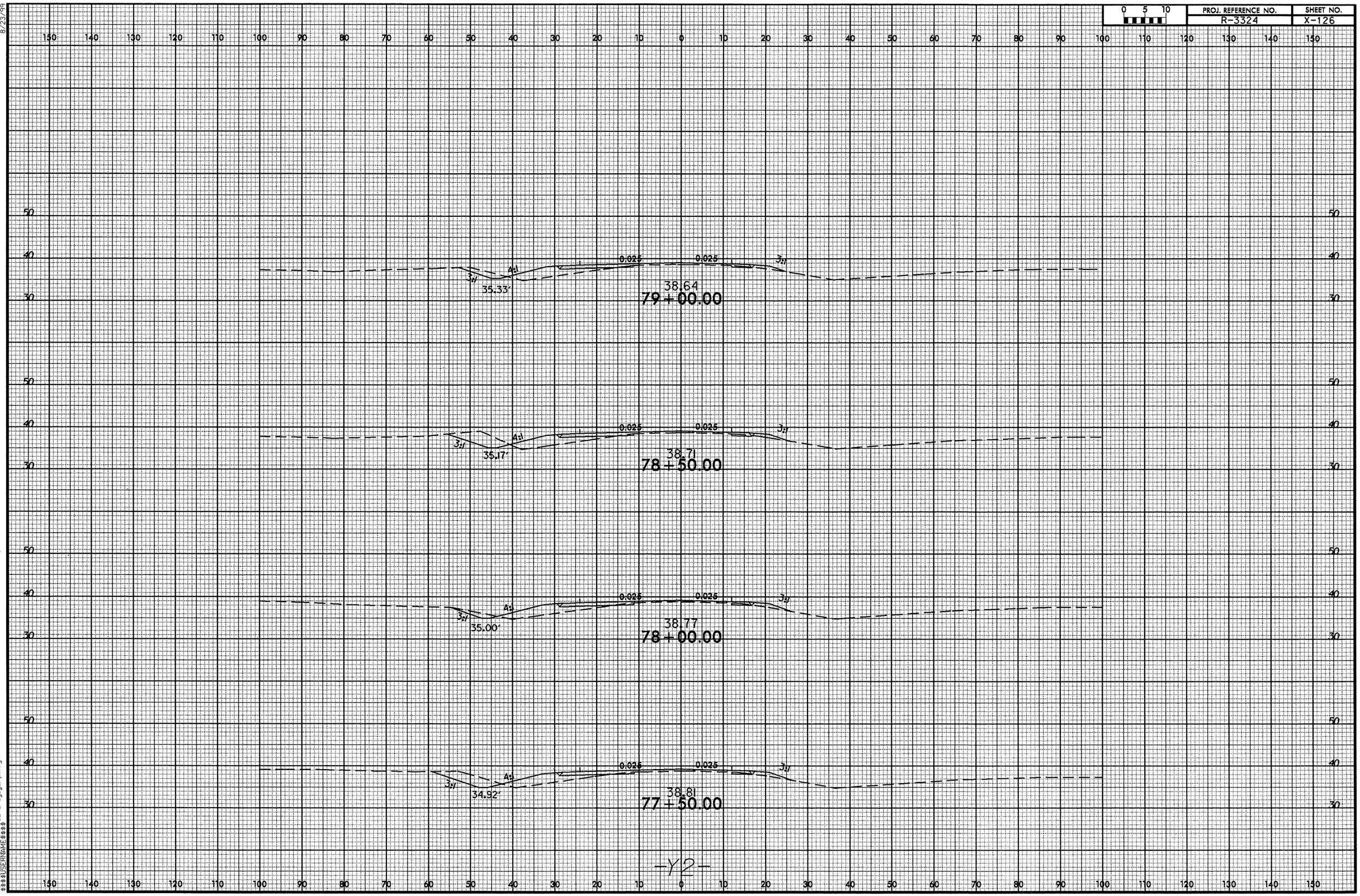


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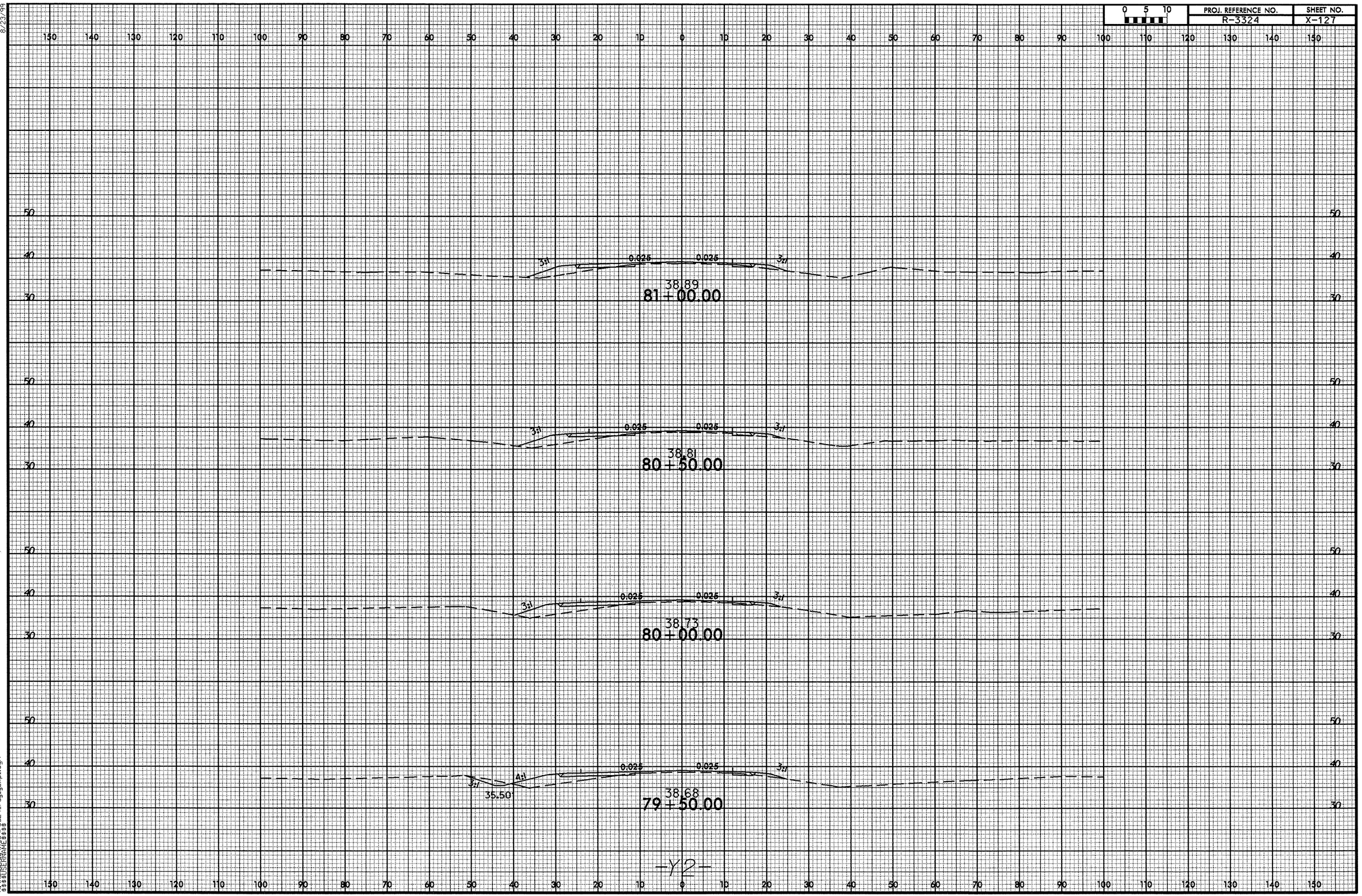


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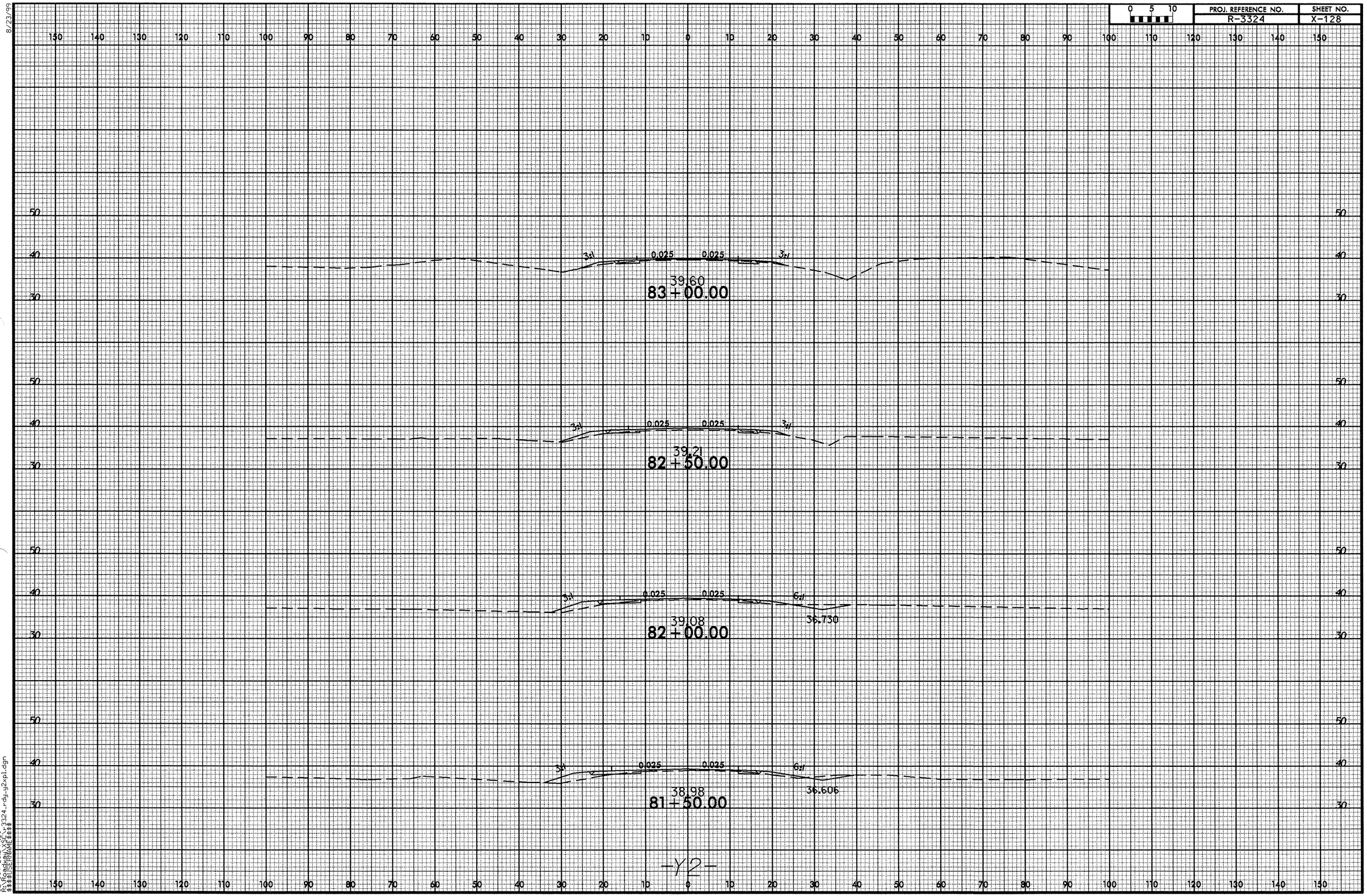


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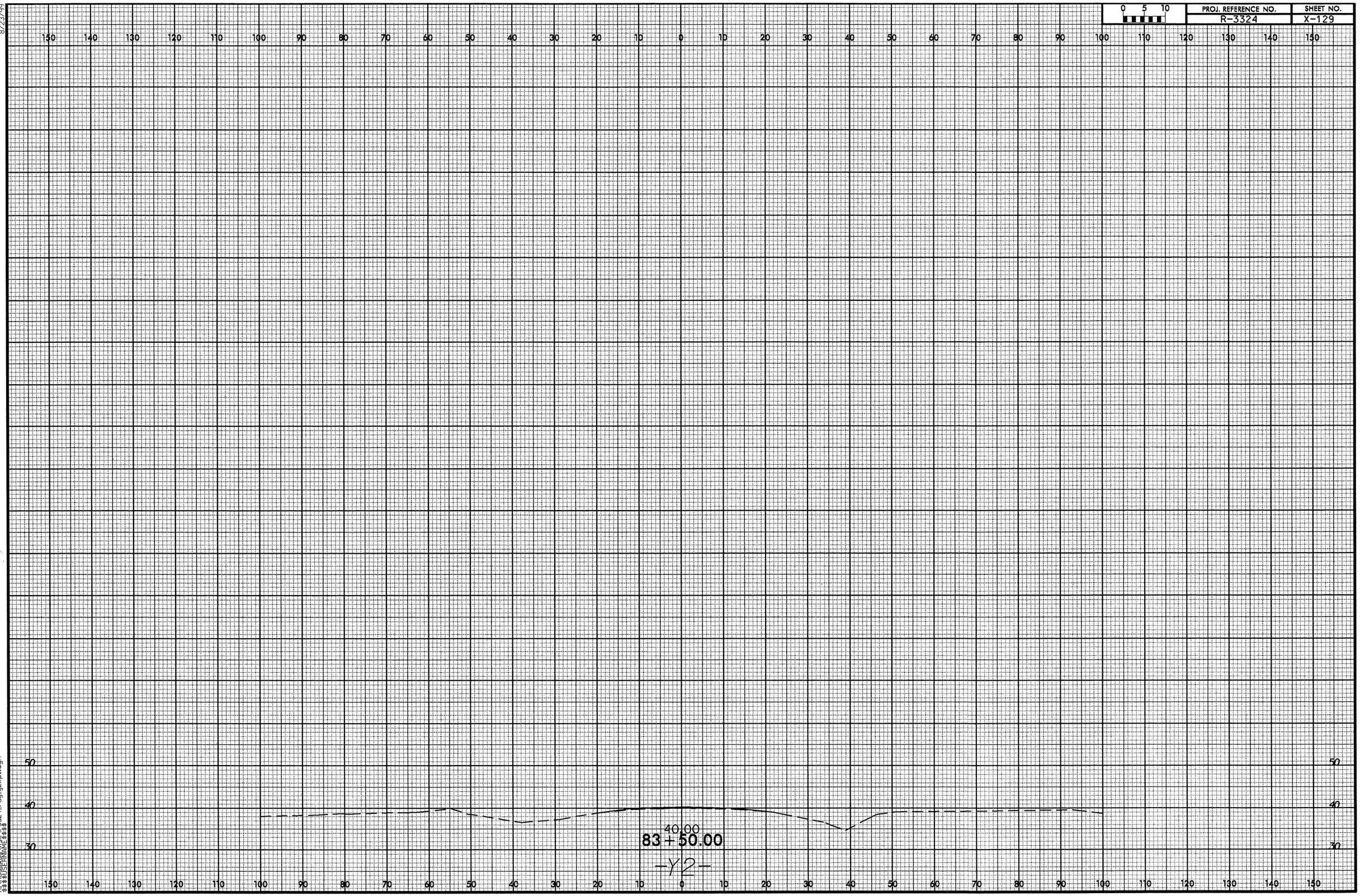


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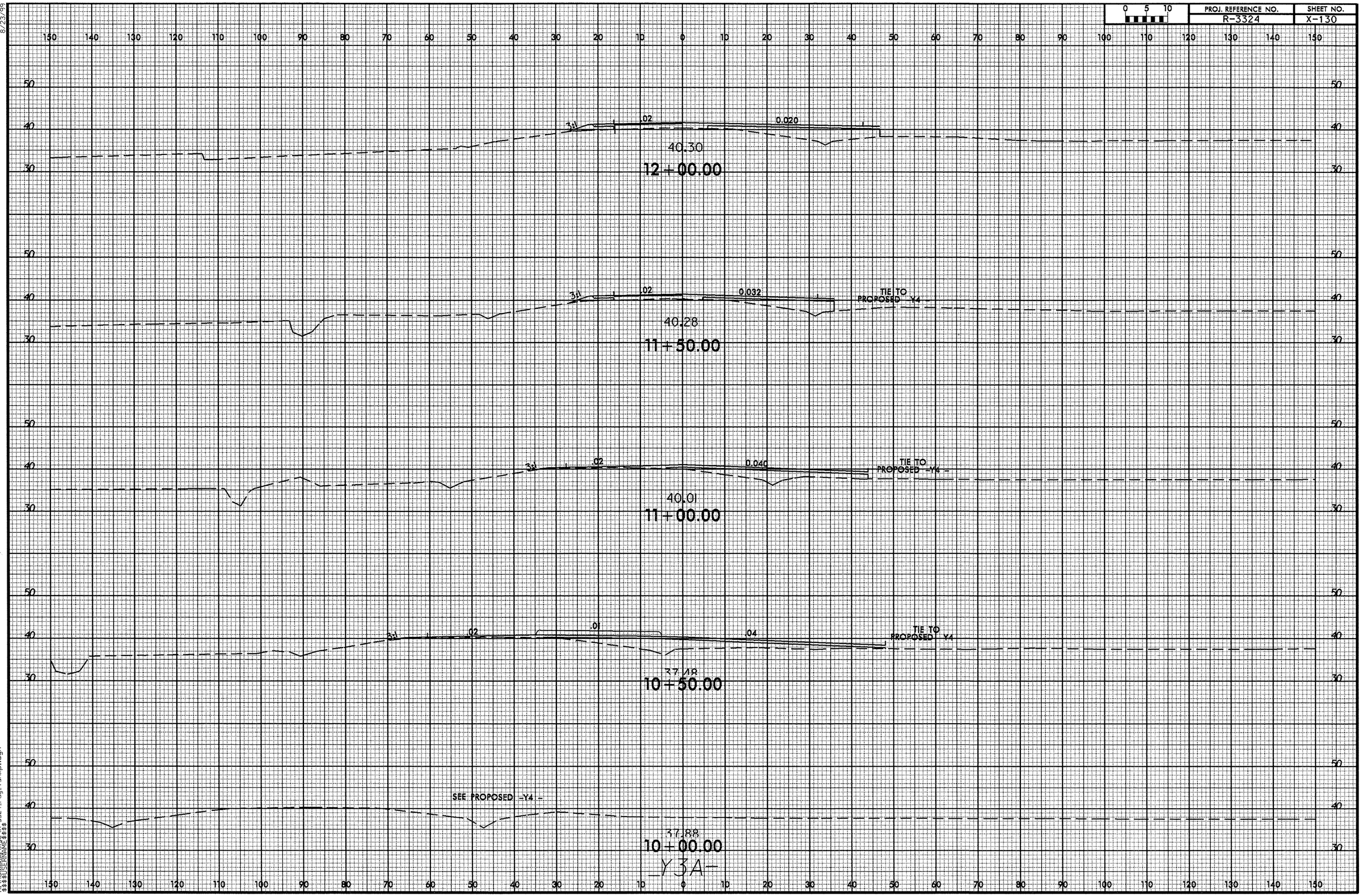


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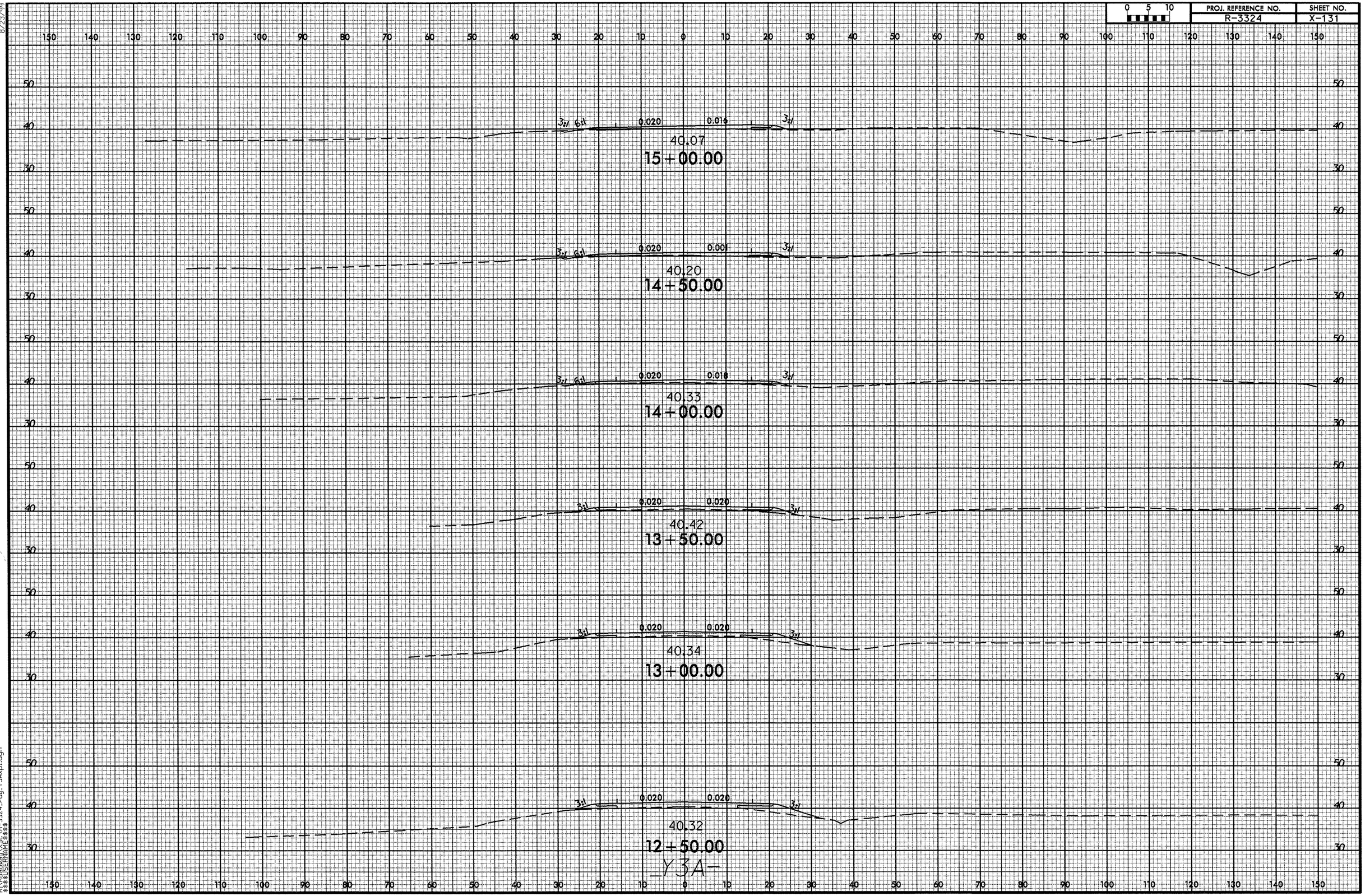


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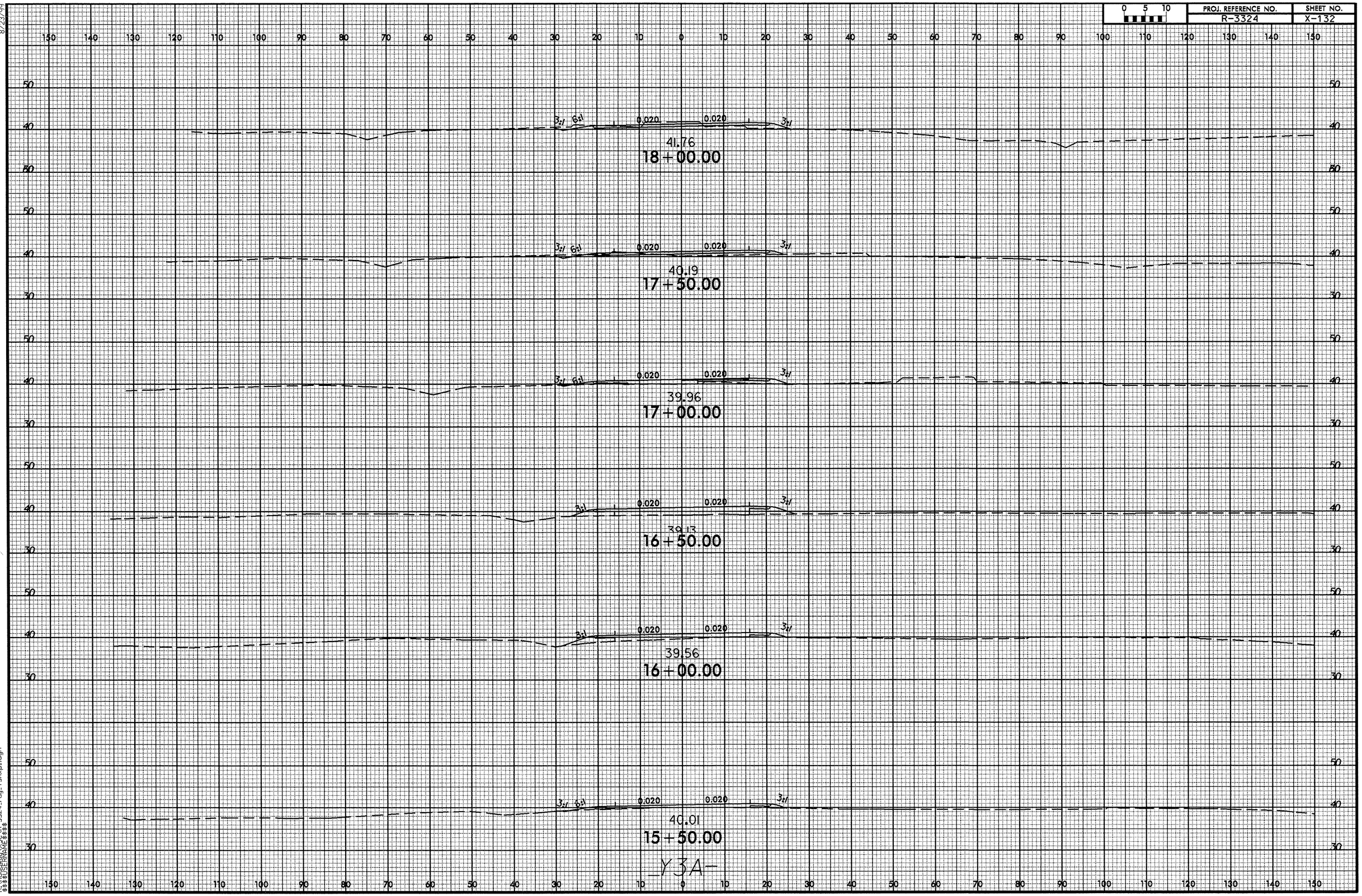


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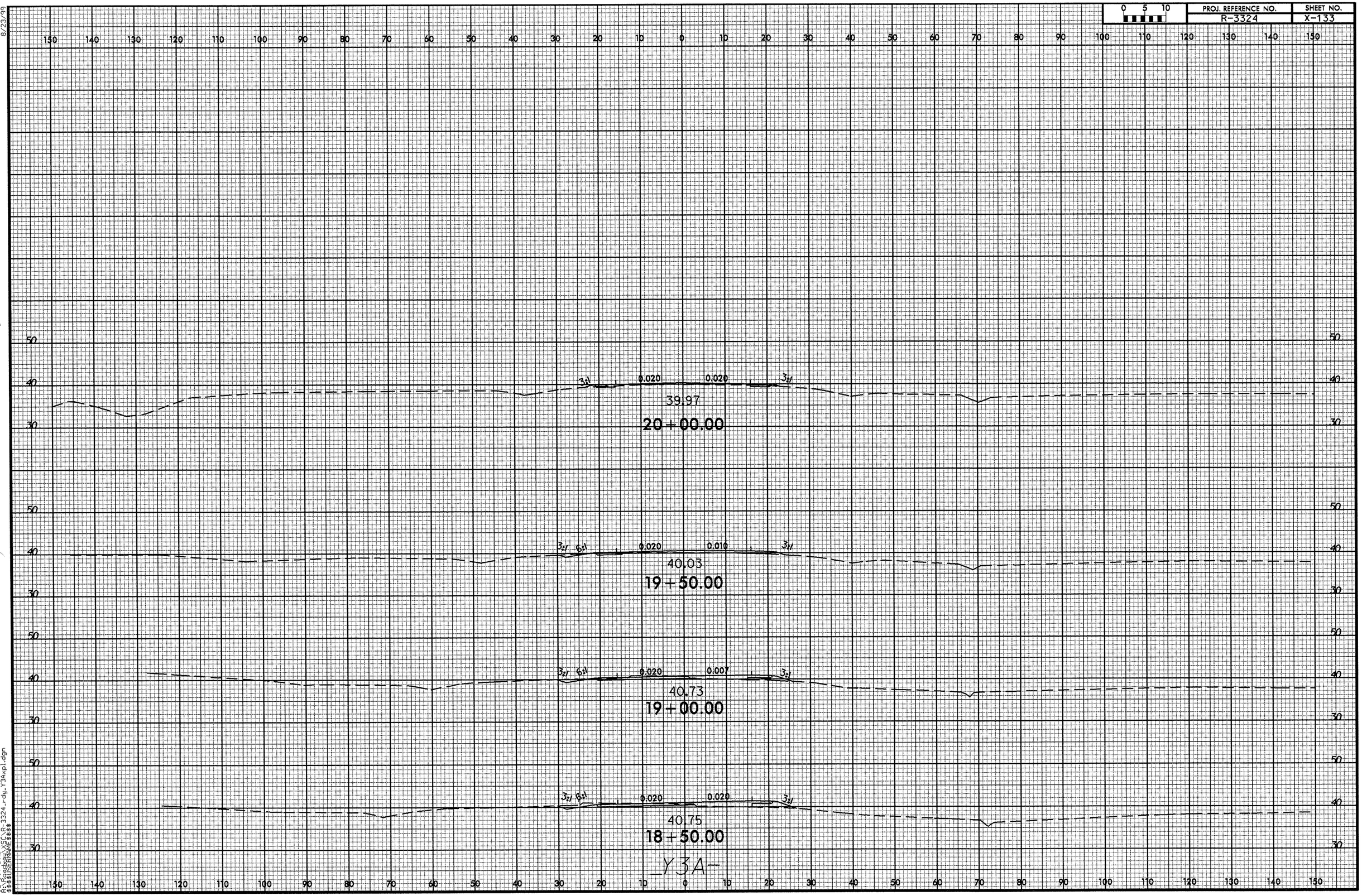


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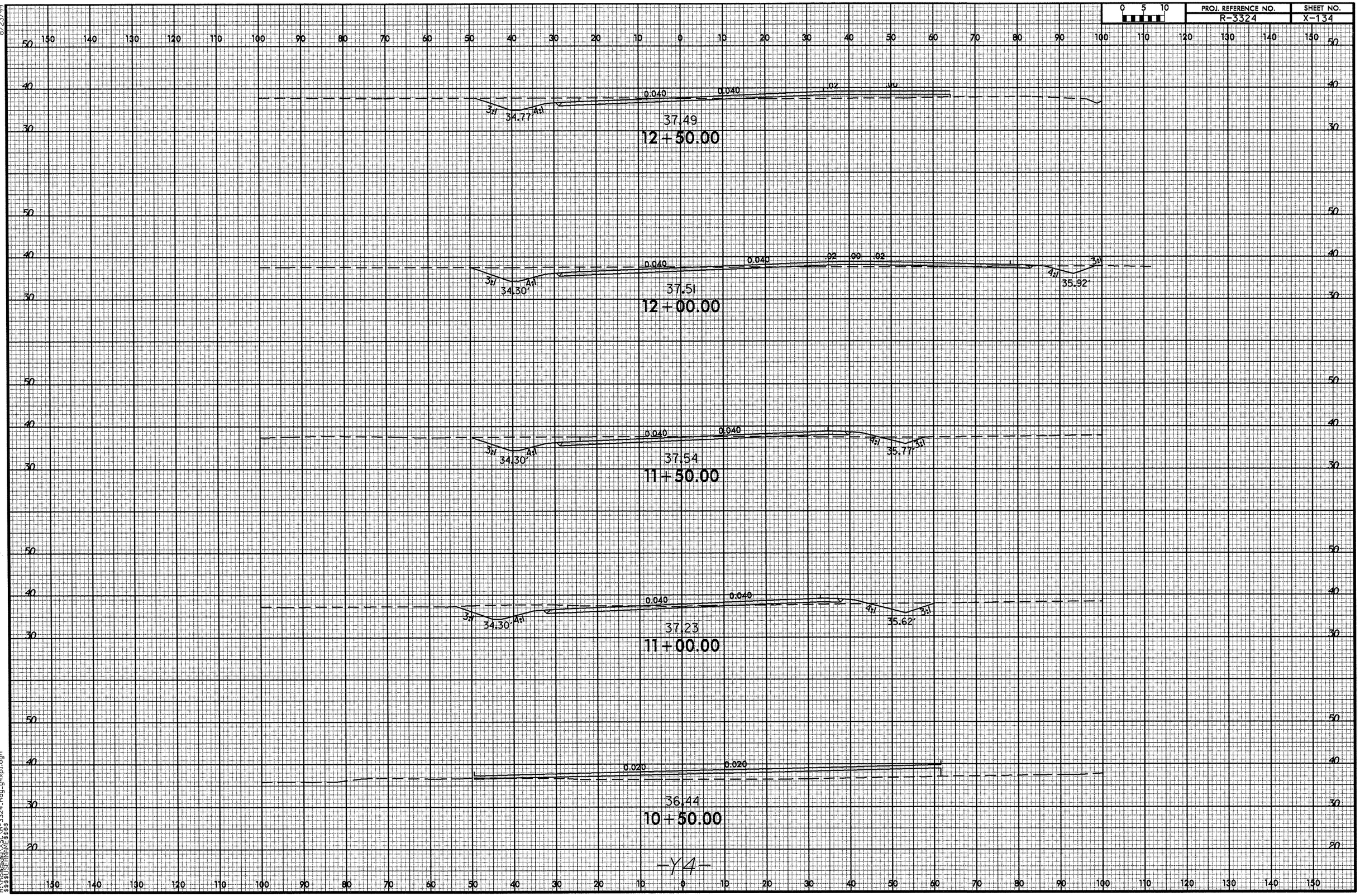


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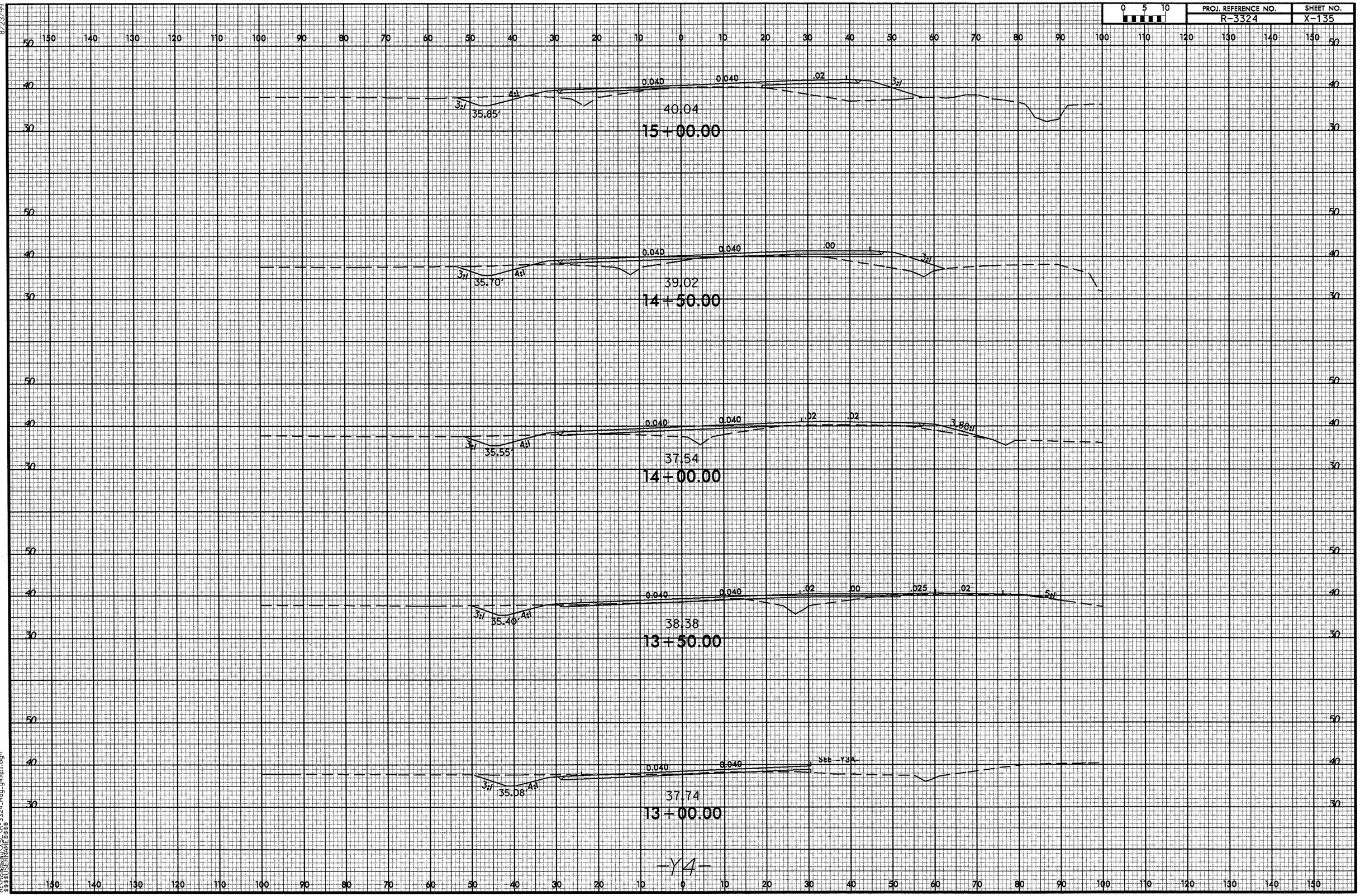


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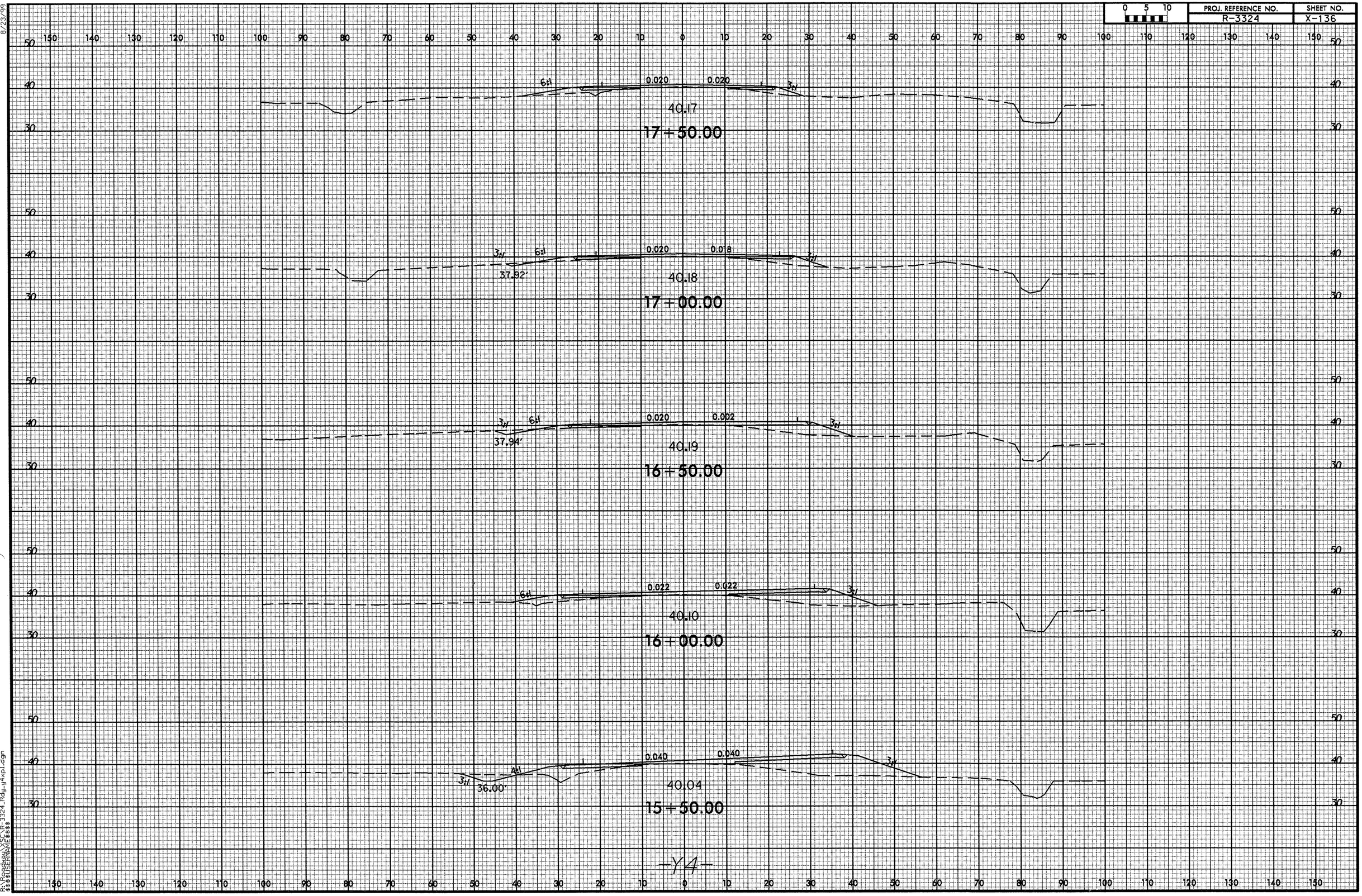


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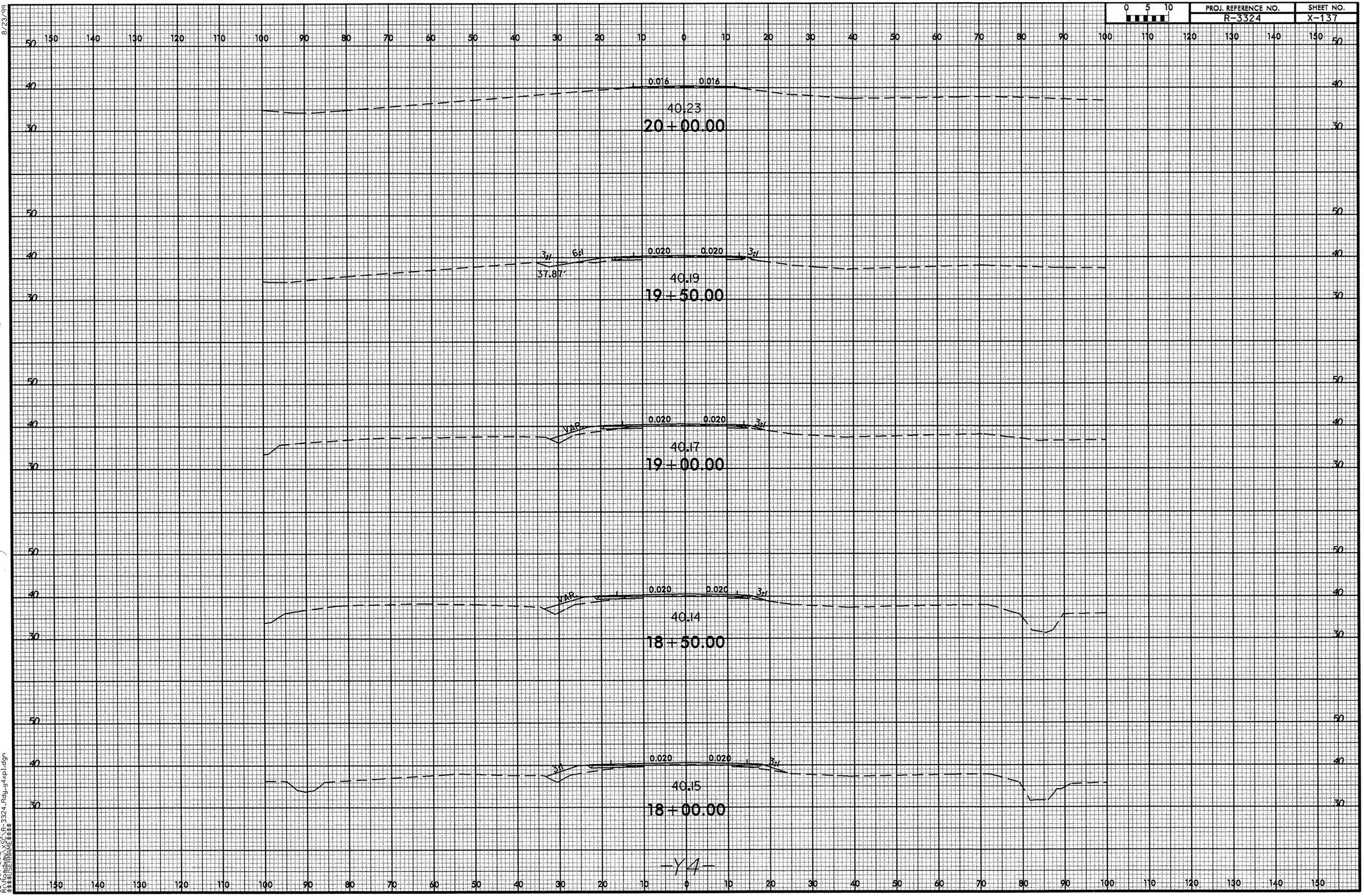


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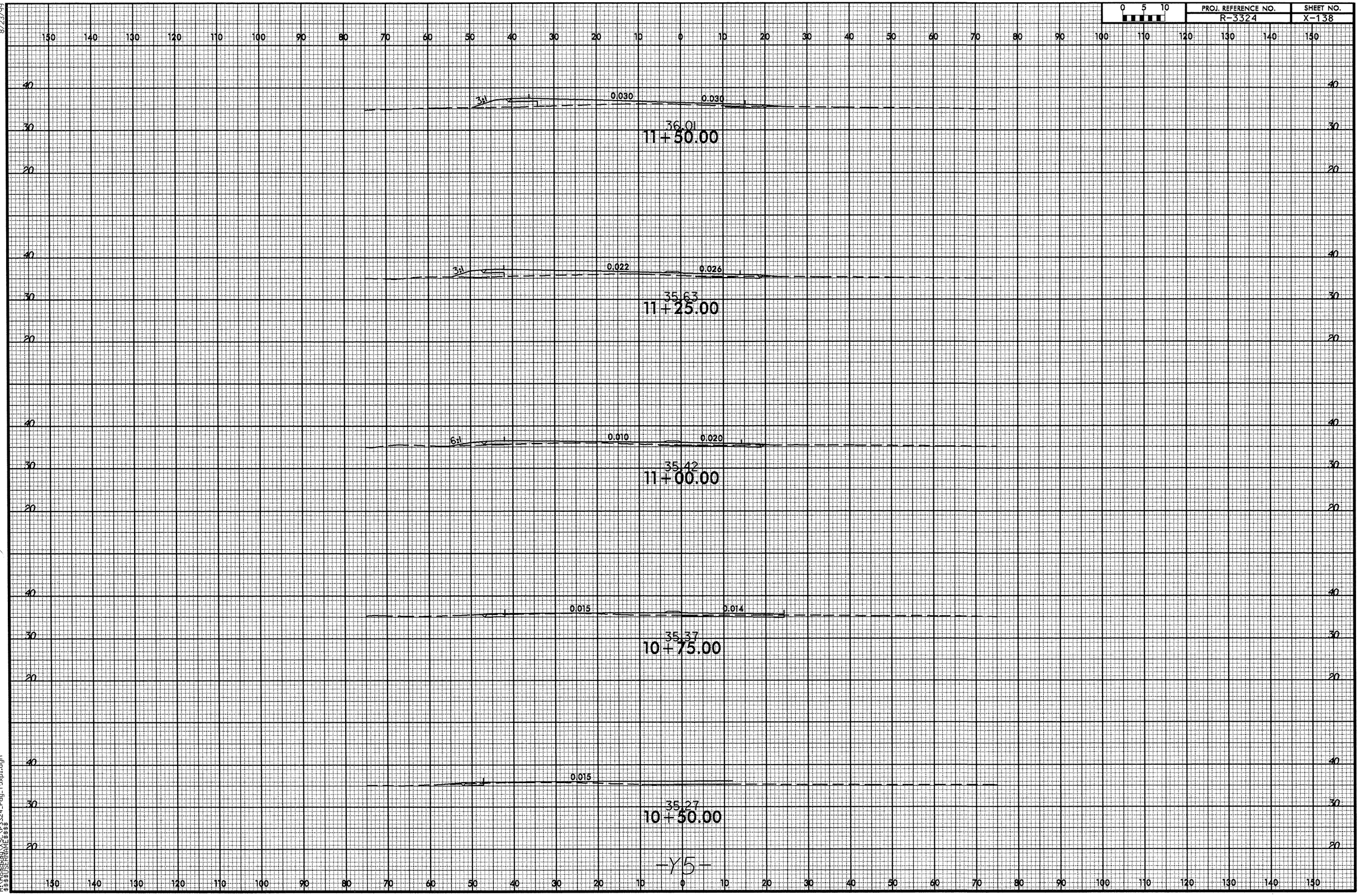


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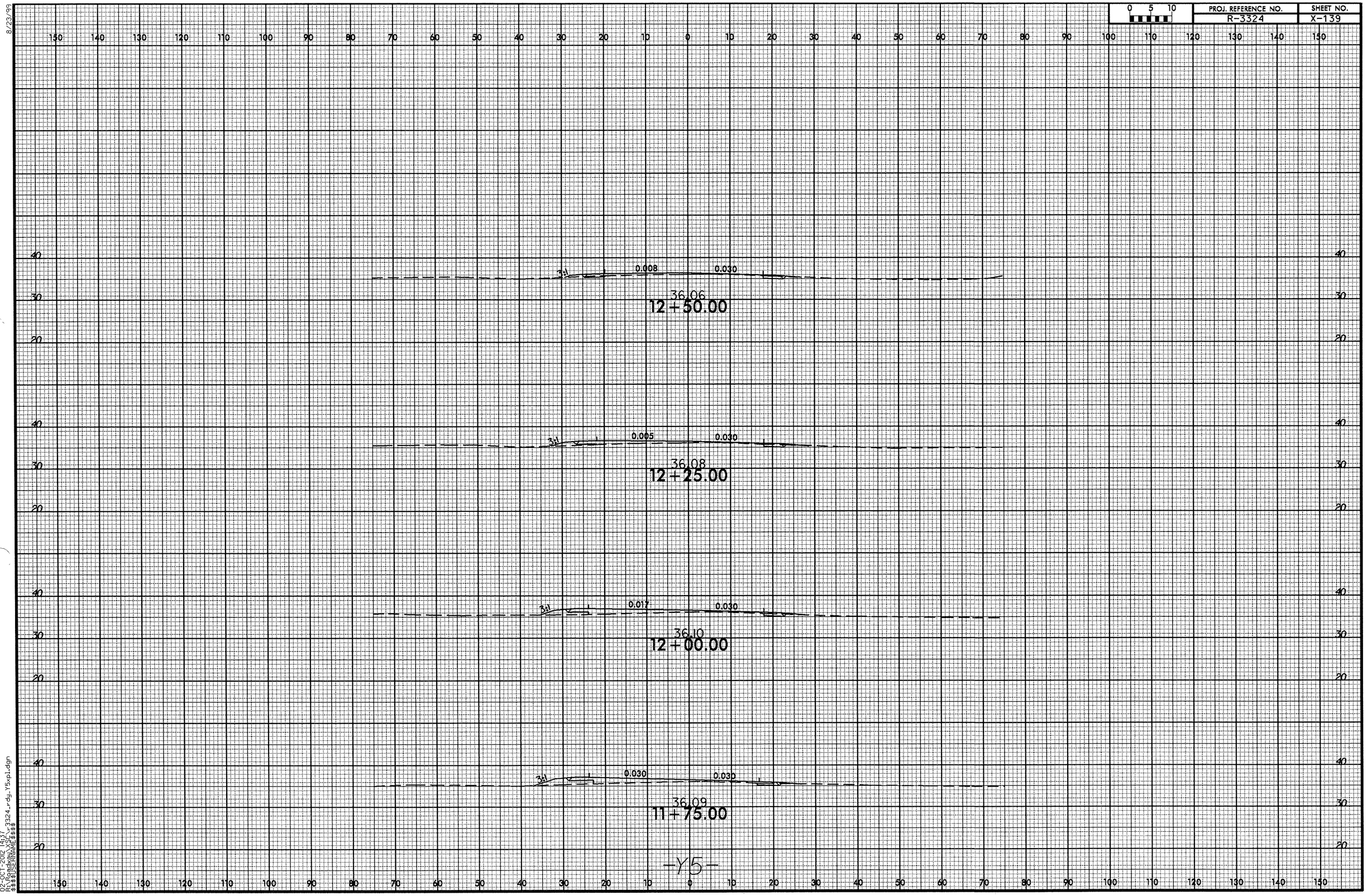


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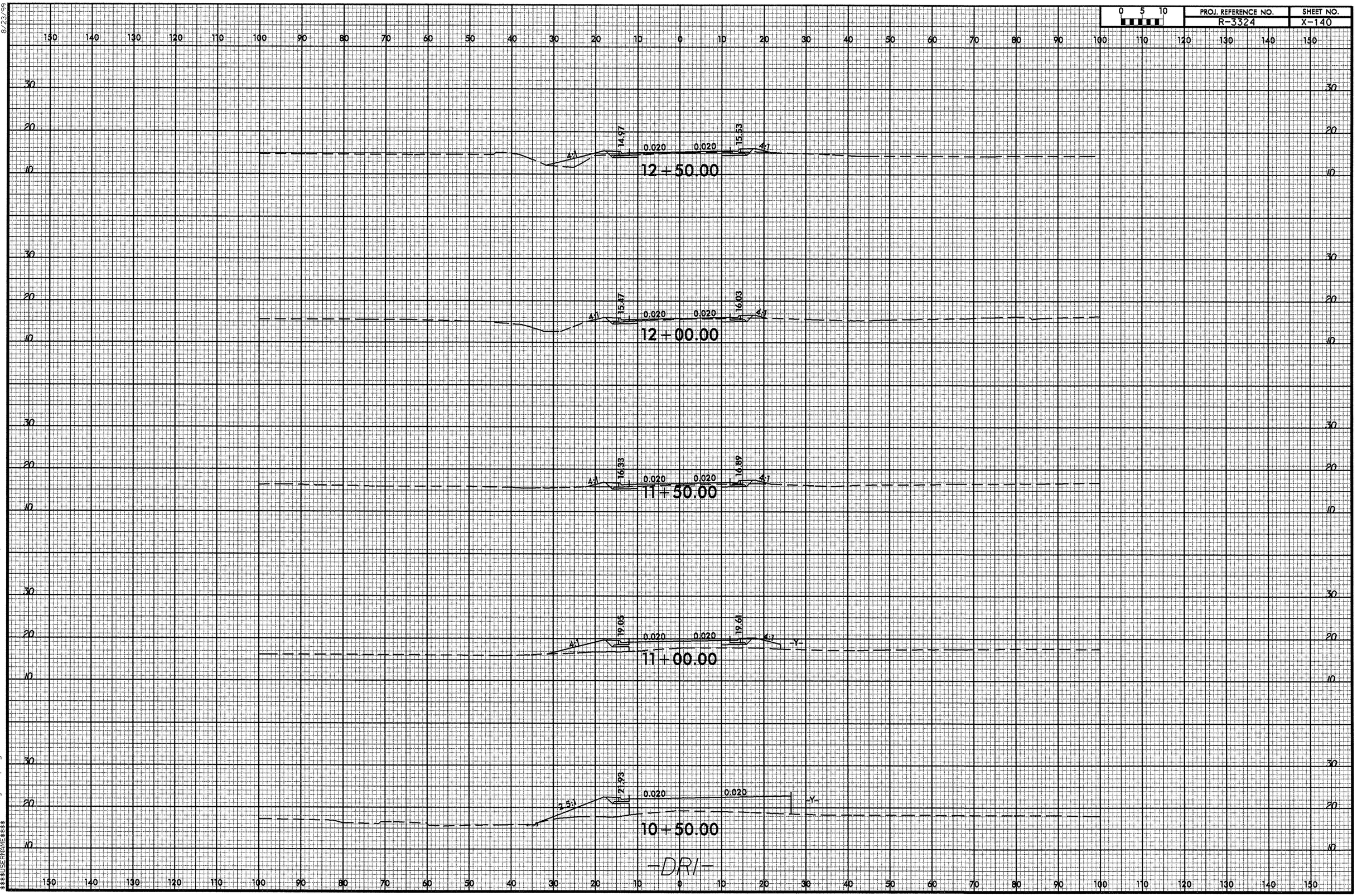


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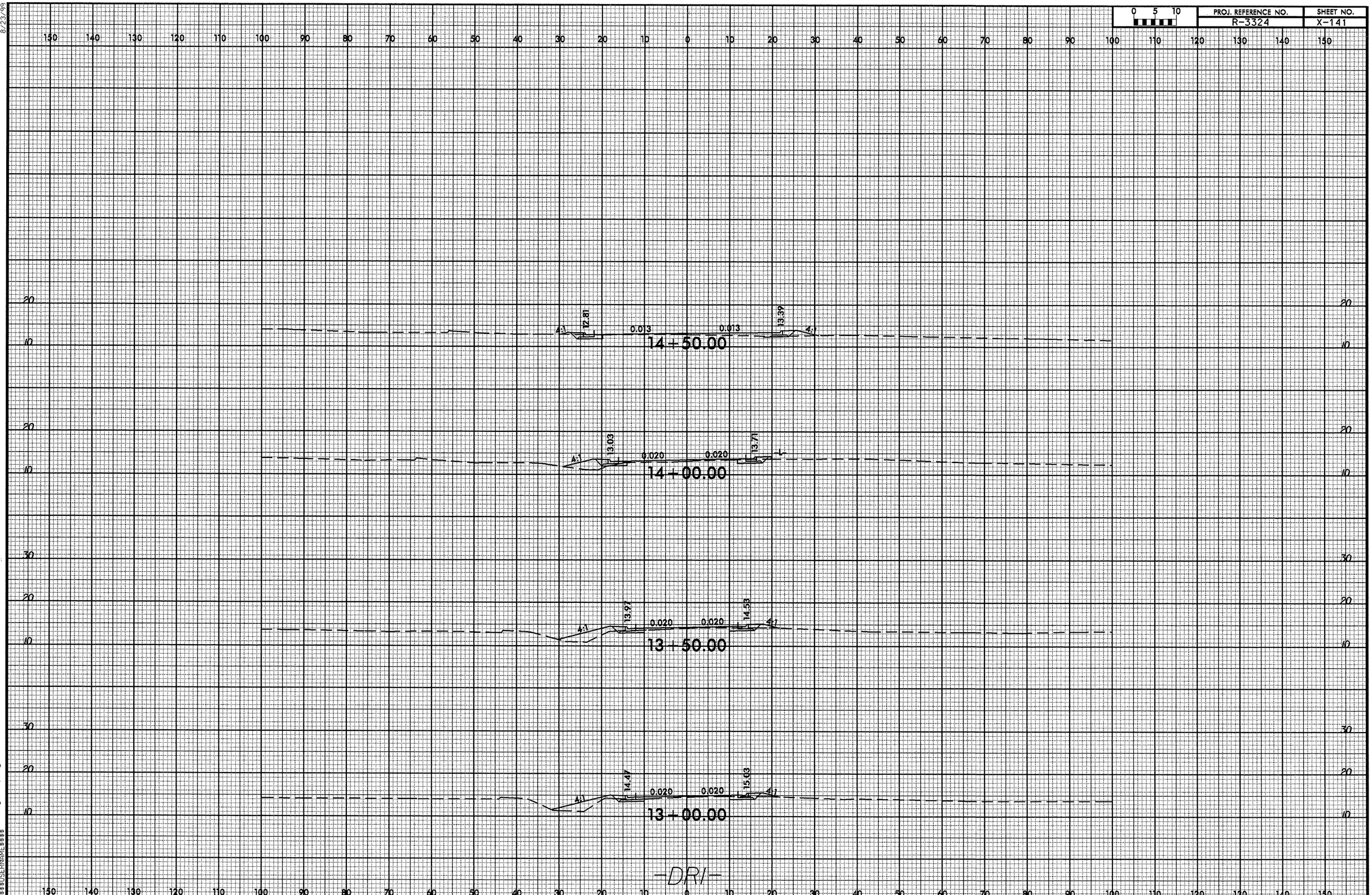


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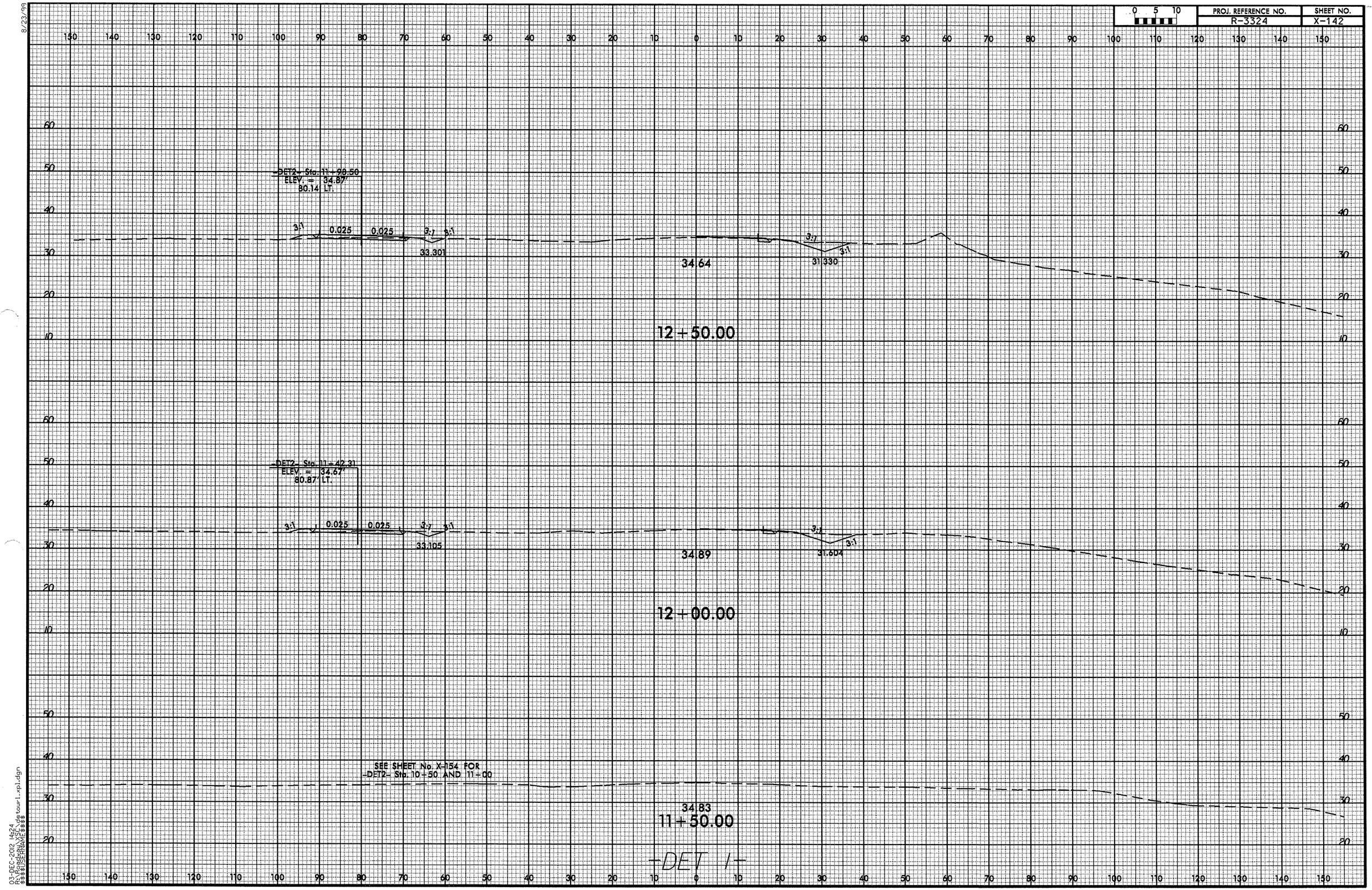


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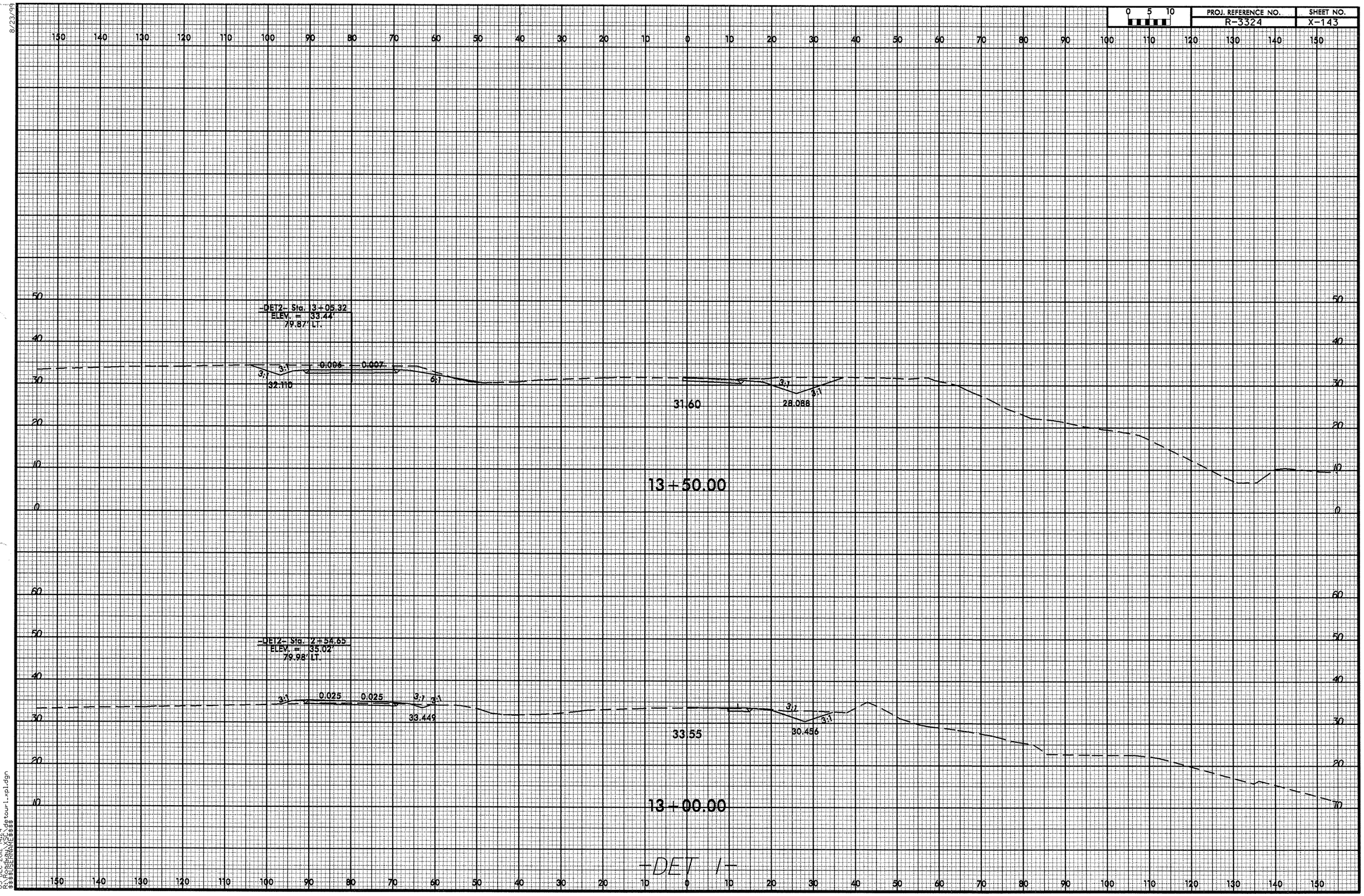


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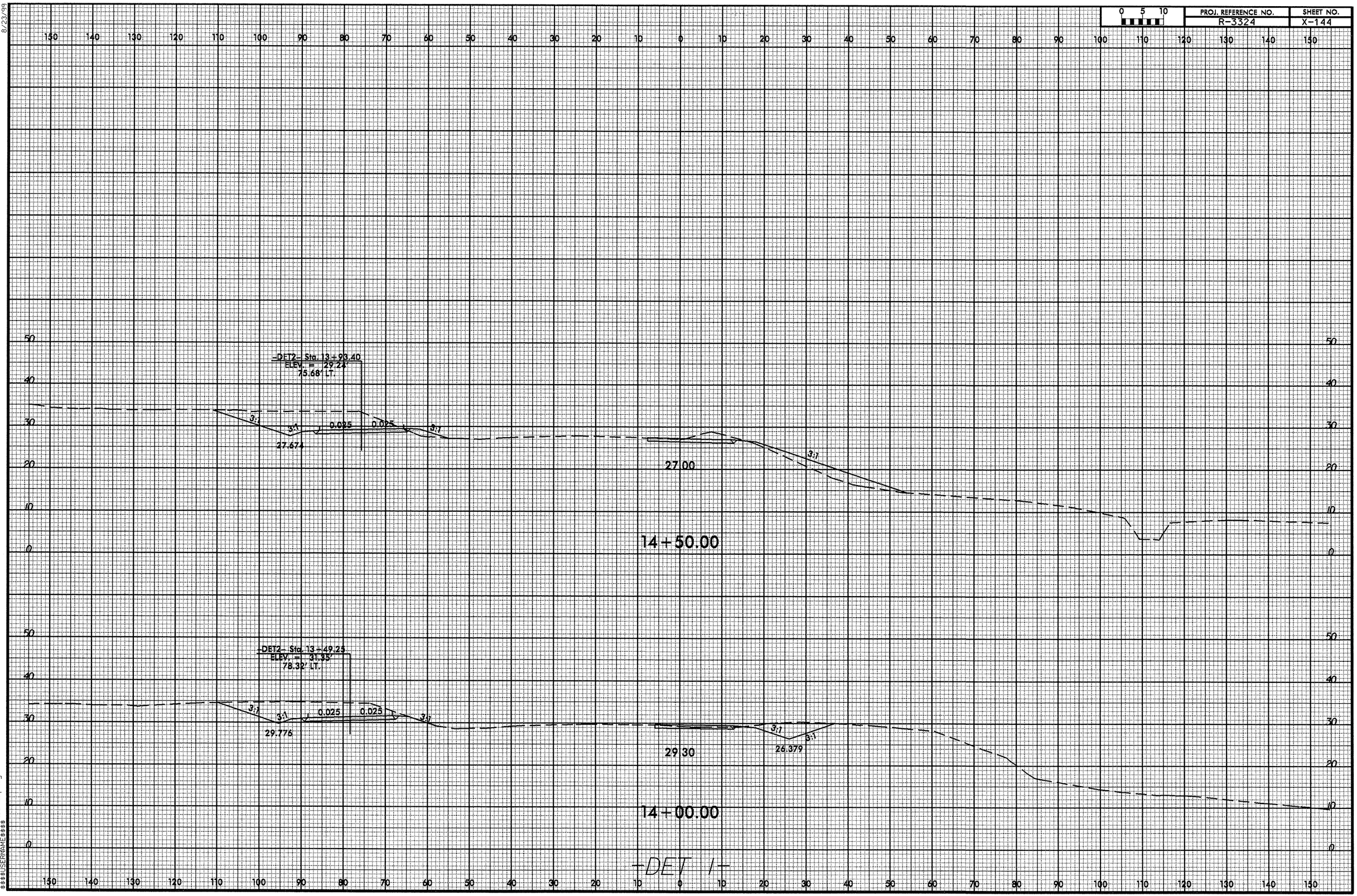


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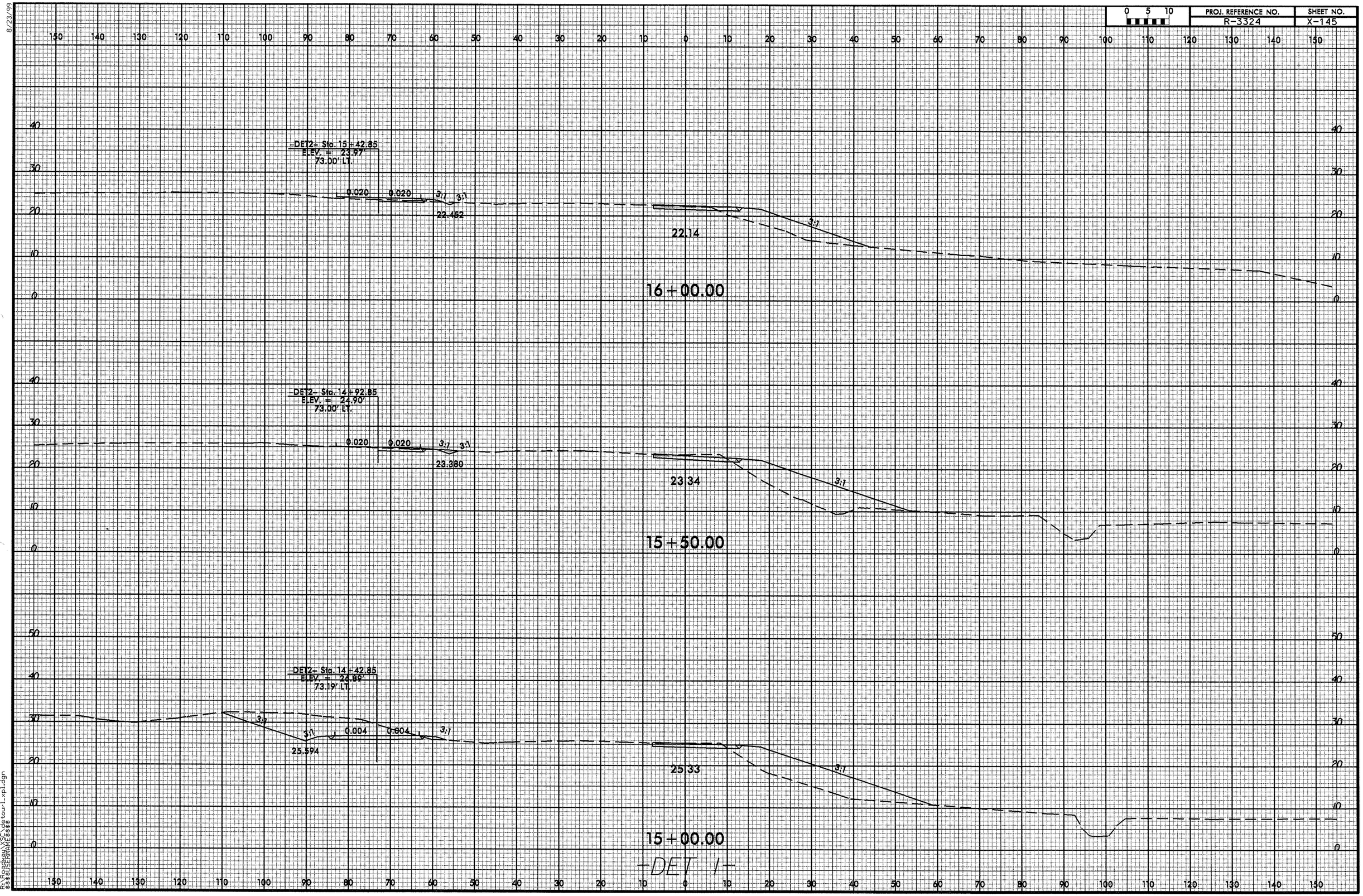


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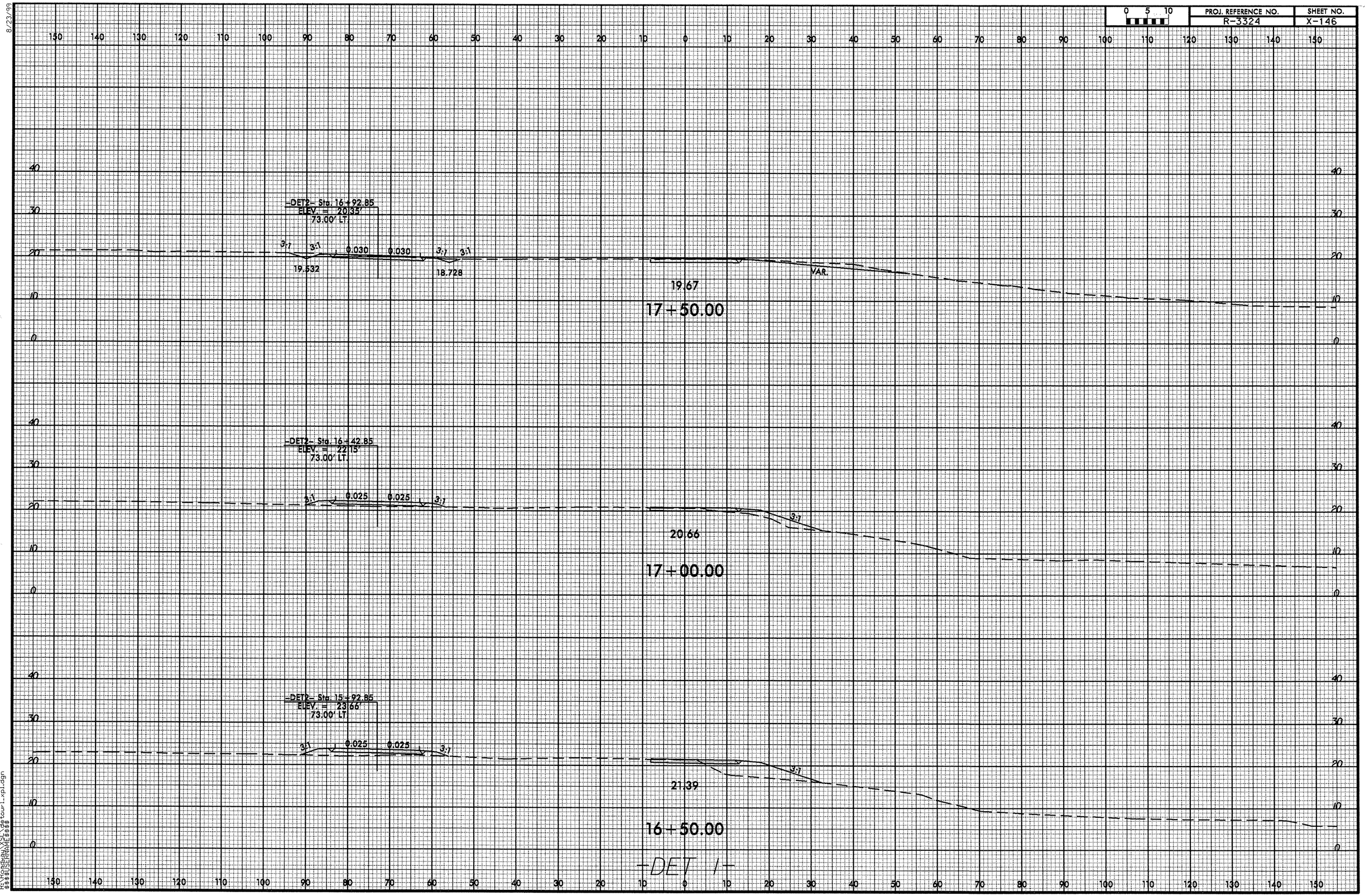


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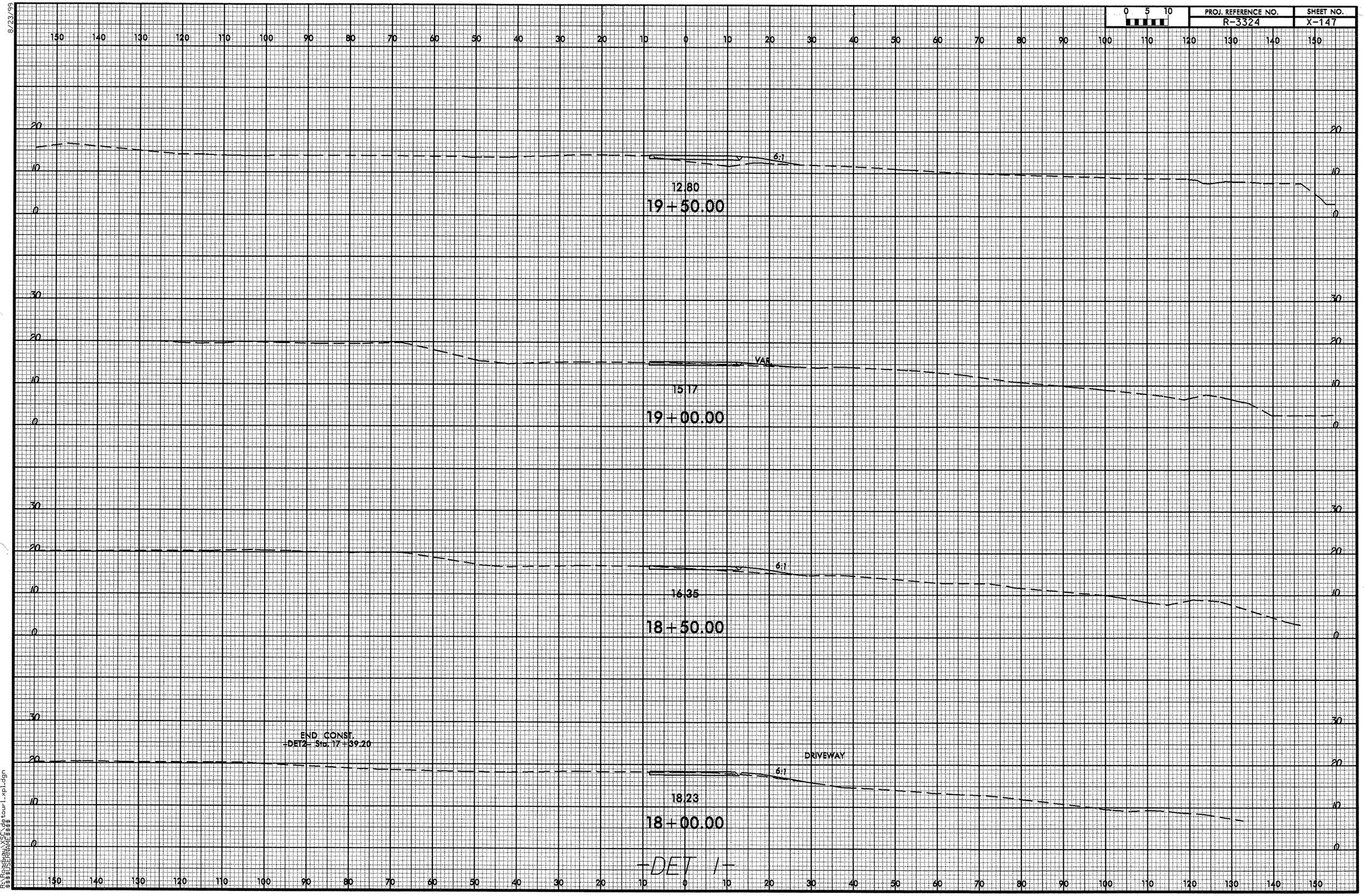


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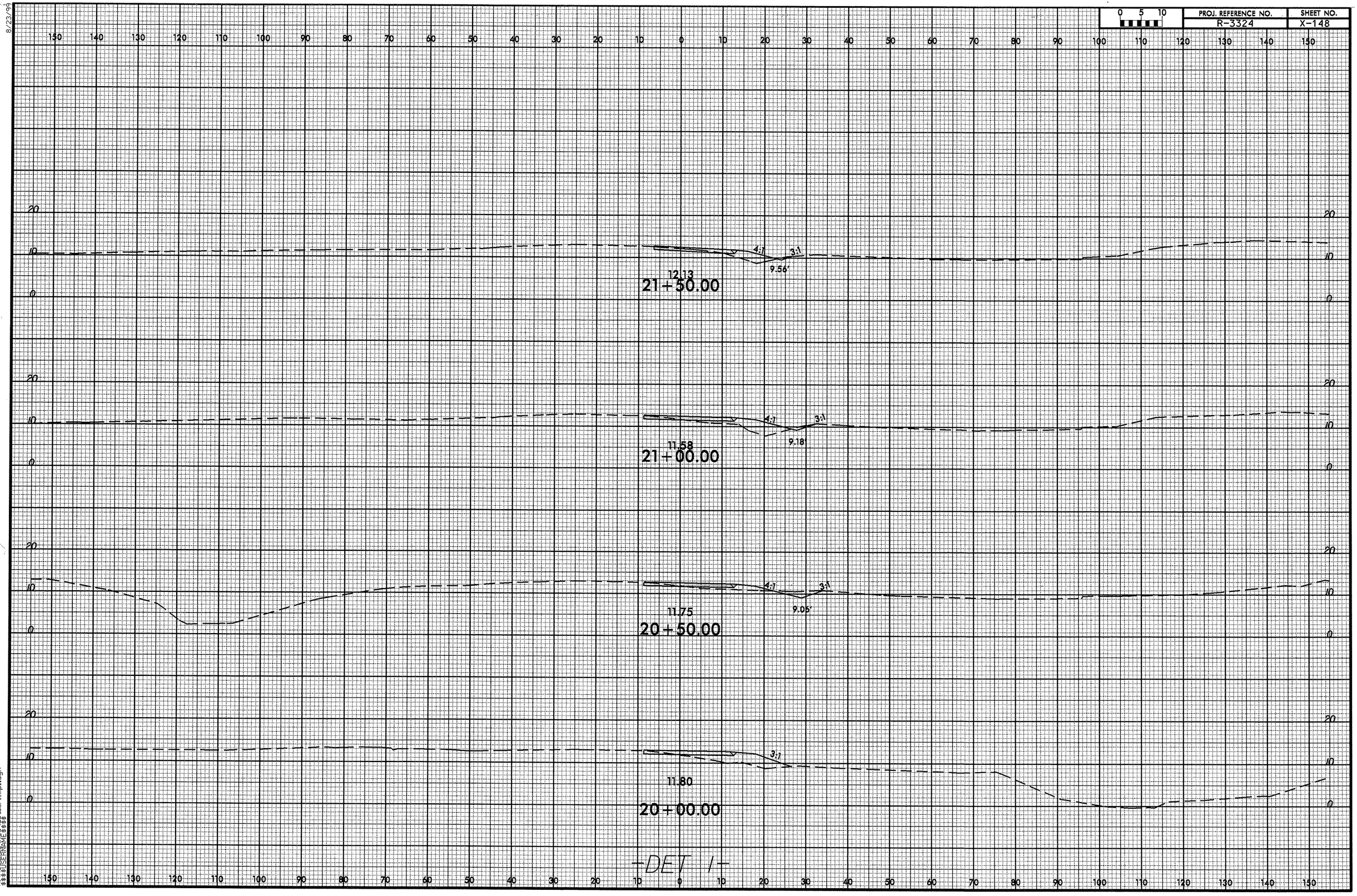

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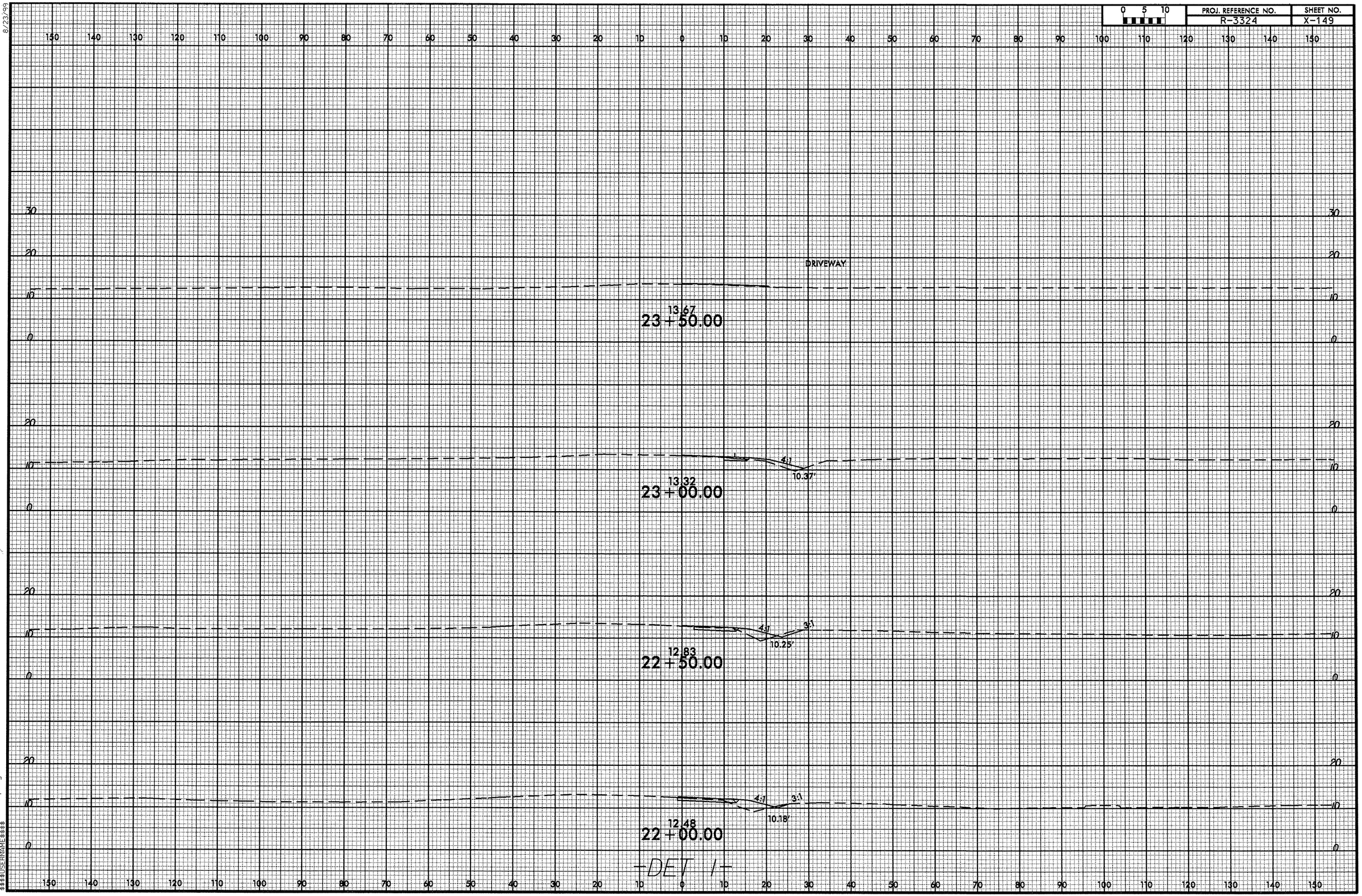


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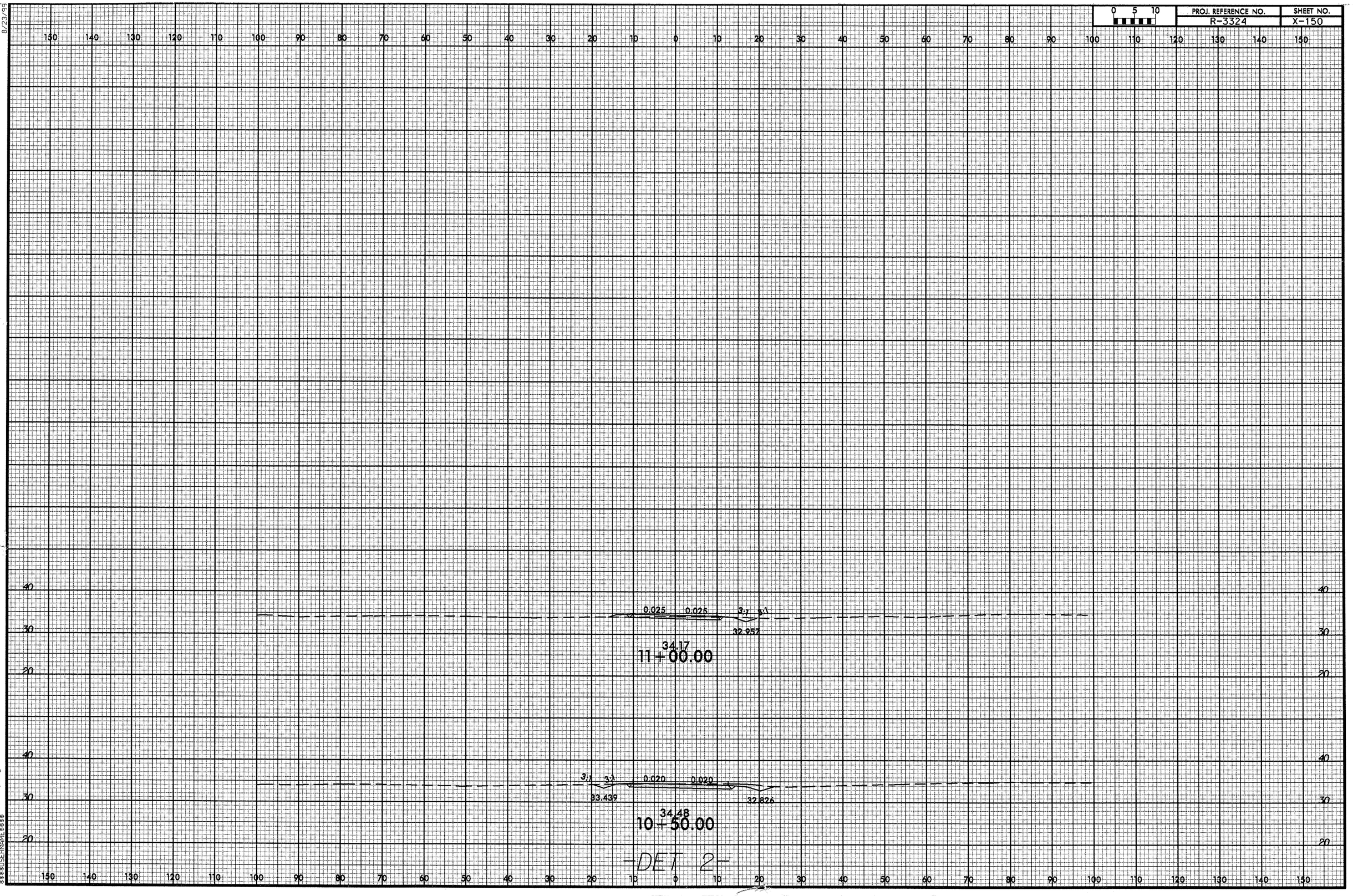


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