

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS



H. W. LOCHNER, INC.  
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RALEIGH, NC 27612  
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NC License  
Number F-0159

PROJECT REFERENCE NO.  
HL-0033

SHEET NO.  
X-1

CROSS-SECTION INDEX SUMMARY

| LOCATION                    | BEGIN STATION | END STATION | PAGE NO.    |
|-----------------------------|---------------|-------------|-------------|
| -L-<br>SR 3126 AIRPORT BLVD | 13 + 50       | 36 + 00     | X-2 – X-11  |
| -Y-<br>GARDEN SQUARE LN     | 10 + 00       | 14 + 00     | X-12 – X-14 |
| -Y1-<br>TOWN HALL DR        | 13 + 50       | 25 + 00     | X-15 – X-19 |
| -Y2-<br>SR 1637 CHURCH ST   | 12 + 00       | 27 + 00     | X-20 – X-26 |

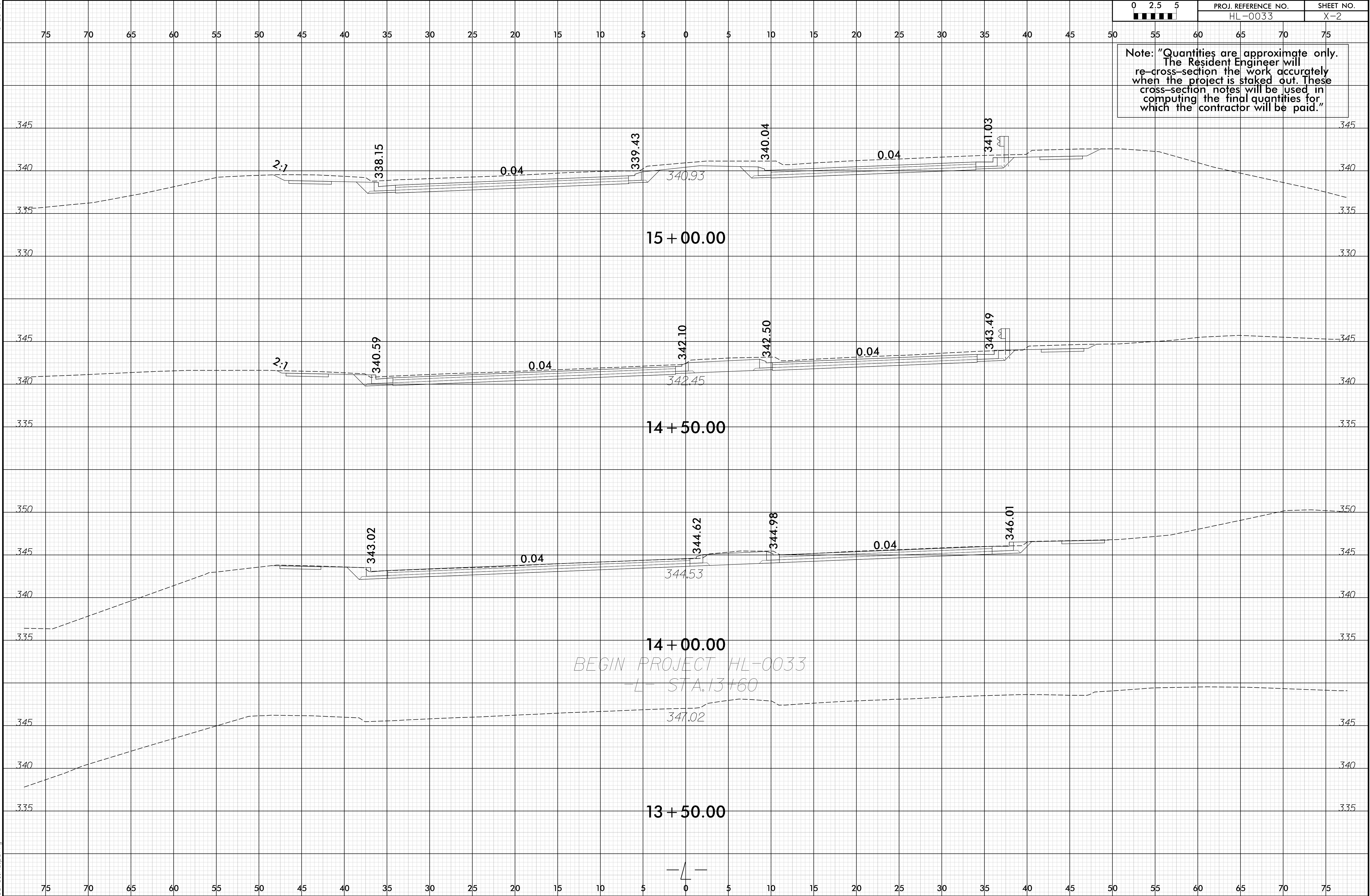


| STATE OF NORTH CAROLINA<br>DIVISION OF HIGHWAYS                                                                                                                          |            |               |           |          |            |           |          |            |           |          |            |           | PROJ. REFERENCE NO.                                                                                                                                                                                                                             | SHEET NO. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------|-----------|----------|------------|-----------|----------|------------|-----------|----------|------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|                                                                                                                                                                          |            |               |           |          |            |           |          |            |           |          |            |           | HL-0033                                                                                                                                                                                                                                         | X-1A      |
| Approximate quantities only.Shoulder borrow, fine grading, clearing and grubbing, and removal of existing pavement will be paid for at the lump sum price for "Grading". |            |               |           |          |            |           |          |            |           |          |            |           | 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. |           |
| NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT                                                                                                           |            |               |           |          |            |           |          |            |           |          |            |           | CROSS-SECTION SUMMARY                                                                                                                                                                                                                           |           |
| Station                                                                                                                                                                  | Uncl. Exc. | Undercut Exc. | Embt      | Station  | Uncl. Exc. | Embt      | Station  | Uncl. Exc. | Embt      | Station  | Uncl. Exc. | Embt      |                                                                                                                                                                                                                                                 |           |
| L                                                                                                                                                                        | (cu. yd.)  | (cu. yd.)     | (cu. yd.) | Y        | (cu. yd.)  | (cu. yd.) | Y1 (RT)  | (cu. yd.)  | (cu. yd.) | Y2 (RT)  | (cu. yd.)  | (cu. yd.) |                                                                                                                                                                                                                                                 |           |
| 14+00.00                                                                                                                                                                 | 0          | 0             | 0         | 10+25.00 | 0          | 0         | 17+50.00 | 53         | 0         | 12+50.00 | 0          | 0         |                                                                                                                                                                                                                                                 |           |
| 14+50.00                                                                                                                                                                 | 161        | 0             | 0         | 10+50.00 | 0          | 1         | 18+00.00 | 71         | 0         | 13+00.00 | 4          | 354       |                                                                                                                                                                                                                                                 |           |
| 15+00.00                                                                                                                                                                 | 203        | 0             | 0         | 10+75.00 | 1          | 7         | 18+50.00 | 61         | 0         | 13+50.00 | 4          | 271       |                                                                                                                                                                                                                                                 |           |
| 15+50.00                                                                                                                                                                 | 268        | 0             | 0         | 11+00.00 | 1          | 40        | 19+00.00 | 31         | 8         | 14+00.00 | 5          | 109       |                                                                                                                                                                                                                                                 |           |
| 16+00.00                                                                                                                                                                 | 155        | 0             | 458       | 11+25.00 | 0          | 108       |          |            |           | 14+50.00 | 44         | 25        |                                                                                                                                                                                                                                                 |           |
| 16+50.00                                                                                                                                                                 | 0          | 0             | 955       | 11+50.00 | 0          | 161       | Station  | Uncl. Exc. | Embt      | 15+00.00 | 159        | 8         |                                                                                                                                                                                                                                                 |           |
| 17+00.00                                                                                                                                                                 | 191        | 0             | 531       | 11+75.00 | 0          | 164       | Y1 (RT)  | (cu. yd.)  | (cu. yd.) | 15+50.00 | 255        | 18        |                                                                                                                                                                                                                                                 |           |
| 17+50.00                                                                                                                                                                 | 456        | 0             | 102       |          |            |           | 20+50.00 | 0          | 0         | 16+00.00 | 251        | 12        |                                                                                                                                                                                                                                                 |           |
| 18+00.00                                                                                                                                                                 | 266        | 0             | 314       | Station  | Uncl. Exc. | Embt      | 21+00.00 | 21         | 42        | 16+50.00 | 190        | 9         |                                                                                                                                                                                                                                                 |           |
| 18+50.00                                                                                                                                                                 | 1          | 0             | 603       | Y        | (cu. yd.)  | (cu. yd.) | 21+50.00 | 25         | 18        | 17+00.00 | 134        | 9         |                                                                                                                                                                                                                                                 |           |
| 19+00.00                                                                                                                                                                 | 0          | 0             | 674       |          |            |           | 22+00.00 | 36         | 5         | 17+50.00 | 60         | 24        |                                                                                                                                                                                                                                                 |           |
| 19+50.00                                                                                                                                                                 | 37         | 0             | 348       | 13+00.00 | 0          | 0         | 22+50.00 | 44         | 0         | 18+00.00 | 6          | 67        |                                                                                                                                                                                                                                                 |           |
| 20+00.00                                                                                                                                                                 | 116        | 0             | 36        | 13+25.00 | 124        | 0         | 23+00.00 | 40         | 0         | 18+50.00 | 5          | 97        |                                                                                                                                                                                                                                                 |           |
| 20+50.00                                                                                                                                                                 | 213        | 0             | 10        | 13+50.00 | 88         | 0         | 24+00.00 | 32         | 0         | 19+00.00 | 3          | 87        |                                                                                                                                                                                                                                                 |           |
| 21+00.00                                                                                                                                                                 | 304        | 0             | 7         | 13+75.00 | 41         | 0         | 24+50.00 | 24         | 1         | 19+50.00 | 2          | 100       |                                                                                                                                                                                                                                                 |           |
| 21+50.00                                                                                                                                                                 | 478        | 0             | 1         | 14+00.00 | 15         | 0         |          |            |           | 20+00.00 | 2          | 141       |                                                                                                                                                                                                                                                 |           |
| 22+00.00                                                                                                                                                                 | 645        | 0             | 0         |          |            |           | 21+00.00 | 13         | 2         | 20+50.00 | 2          | 92        |                                                                                                                                                                                                                                                 |           |
| 22+50.00                                                                                                                                                                 | 651        | 0             | 0         | Station  | Uncl. Exc. | Embt      |          |            |           | 21+50.00 | 1          | 27        |                                                                                                                                                                                                                                                 |           |
| 23+00.00                                                                                                                                                                 | 534        | 0             | 0         | Y1 (LT)  | (cu. yd.)  | (cu. yd.) | Station  | Uncl. Exc. | Embt      | 22+00.00 | 21         | 15        |                                                                                                                                                                                                                                                 |           |
| 23+50.00                                                                                                                                                                 | 477        | 0             | 14        |          |            |           | Y2 (LT)  | (cu. yd.)  | (cu. yd.) | 22+50.00 | 59         | 3         |                                                                                                                                                                                                                                                 |           |
| 24+00.00                                                                                                                                                                 | 471        | 0             | 32        | 14+00.00 | 0          | 0         |          |            |           | 23+00.00 | 90         | 0         |                                                                                                                                                                                                                                                 |           |
| 24+50.00                                                                                                                                                                 | 359        | 0             | 46        | 14+50.00 | 12         | 0         | 12+50.00 | 0          | 0         | 23+50.00 | 90         | 0         |                                                                                                                                                                                                                                                 |           |
| 25+00.00                                                                                                                                                                 | 256        | 0             | 61        | 15+00.00 | 13         | 0         | 13+00.00 | 0          | 3         | 24+00.00 | 54         | 0         |                                                                                                                                                                                                                                                 |           |
| 25+50.00                                                                                                                                                                 | 163        | 98            | 95        | 15+50.00 | 18         | 0         | 13+50.00 | 0          | 3         | 24+50.00 | 32         | 1         |                                                                                                                                                                                                                                                 |           |
| 26+00.00                                                                                                                                                                 | 78         | 344           | 186       | 16+00.00 | 26         | 0         | 14+00.00 | 0          | 4         | 25+00.00 | 30         | 1         |                                                                                                                                                                                                                                                 |           |
| 26+50.00                                                                                                                                                                 | 34         | 334           | 283       | 16+50.00 | 47         | 0         | 14+50.00 | 0          | 4         | 25+50.00 | 24         | 2         |                                                                                                                                                                                                                                                 |           |
| 27+00.00                                                                                                                                                                 | 50         | 457           | 159       | 17+00.00 | 82         | 0         | 15+00.00 | 0          | 3         | 26+00.00 | 33         | 2         |                                                                                                                                                                                                                                                 |           |
|                                                                                                                                                                          |            |               |           | 17+50.00 | 97         | 0         | 15+50.00 | 5          | 5         | 26+50.00 | 35         | 6         |                                                                                                                                                                                                                                                 |           |
| Station                                                                                                                                                                  | Uncl. Exc. | Undercut Exc. | Embt      | 18+00.00 | 93         | 0         | 16+00.00 | 10         | 8         | 27+00.00 | 21         | 7         |                                                                                                                                                                                                                                                 |           |
| L                                                                                                                                                                        | (cu. yd.)  | (cu. yd.)     | (cu. yd.) | 18+50.00 | 61         | 1         | 16+50.00 | 8          | 12        |          | 13         | 3         |                                                                                                                                                                                                                                                 |           |
|                                                                                                                                                                          |            |               |           | 19+00.00 | 35         | 6         | 17+00.00 | 6          | 17        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 27+00.00                                                                                                                                                                 | 0          | 0             | 0         |          |            |           | 17+50.00 | 7          | 22        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 27+50.00                                                                                                                                                                 | 64         | 492           | 2         | Station  | Uncl. Exc. | Embt      | 18+00.00 | 15         | 21        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 28+00.00                                                                                                                                                                 | 69         | 490           | 31        | Y1 (LT)  | (cu. yd.)  | (cu. yd.) | 18+50.00 | 24         | 13        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 28+50.00                                                                                                                                                                 | 186        | 509           | 32        |          |            |           | 19+00.00 | 22         | 4         |          |            |           |                                                                                                                                                                                                                                                 |           |
| 29+00.00                                                                                                                                                                 | 393        | 465           | 2         | 20+50.00 | 0          | 0         | 19+50.00 | 17         | 0         |          |            |           |                                                                                                                                                                                                                                                 |           |
| 29+50.00                                                                                                                                                                 | 603        | 393           | 0         | 21+00.00 | 43         | 135       | 20+00.00 | 14         | 30        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 30+00.00                                                                                                                                                                 | 760        | 176           | 0         | 21+50.00 | 51         | 103       | 20+50.00 | 16         | 66        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 30+50.00                                                                                                                                                                 | 982        | 4             | 0         | 22+00.00 | 59         | 68        | 21+00.00 | 27         | 55        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 31+00.00                                                                                                                                                                 | 1412       | 0             | 0         | 22+50.00 | 57         | 35        | 21+50.00 | 64         | 23        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 31+50.00                                                                                                                                                                 | 1978       | 0             | 0         | 23+00.00 | 52         | 22        | 22+00.00 | 140        | 8         |          |            |           |                                                                                                                                                                                                                                                 |           |
| 32+00.00                                                                                                                                                                 | 2460       | 0             | 0         | 23+50.00 | 39         | 26        | 22+50.00 | 200        | 6         |          |            |           |                                                                                                                                                                                                                                                 |           |
| 32+50.00                                                                                                                                                                 | 2611       | 0             | 0         | 24+00.00 | 28         | 38        | 23+00.00 | 221        | 5         |          |            |           |                                                                                                                                                                                                                                                 |           |
| 33+00.00                                                                                                                                                                 | 2399       | 0             | 0         | 24+50.00 | 25         | 28        | 23+50.00 | 175        | 8         |          |            |           |                                                                                                                                                                                                                                                 |           |
| 33+50.00                                                                                                                                                                 | 1997       | 0             | 0         |          |            |           | 24+00.00 | 123        | 10        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 34+00.00                                                                                                                                                                 | 1348       | 0             | 0         | Station  | Uncl. Exc. | Embt      | 24+50.00 | 104        | 10        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 34+50.00                                                                                                                                                                 | 739        | 0             | 0         | Y1 (RT)  | (cu. yd.)  | (cu. yd.) | 25+00.00 | 56         | 14        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 35+00.00                                                                                                                                                                 | 422        | 0             | 2         |          |            |           | 25+50.00 | 24         | 13        |          |            |           |                                                                                                                                                                                                                                                 |           |
| 35+50.00                                                                                                                                                                 | 186        | 0             | 22        | 15+00.00 | 0          | 0         | 26+00.00 | 10         | 7         |          |            |           |                                                                                                                                                                                                                                                 |           |
|                                                                                                                                                                          |            |               |           | 15+50.00 | 13         | 1         | 26+50.00 | 1          | 4         |          |            |           |                                                                                                                                                                                                                                                 |           |
|                                                                                                                                                                          |            |               |           | 16+00.00 | 13         | 4         | 27+00.00 | 1          | 1         |          |            |           |                                                                                                                                                                                                                                                 |           |
|                                                                                                                                                                          |            |               |           | 16+50.00 | 17         | 4         |          |            |           |          |            |           |                                                                                                                                                                                                                                                 |           |
|                                                                                                                                                                          |            |               |           | 17+00.00 | 27         | 0         |          |            |           |          |            |           |                                                                                                                                                                                                                                                 |           |



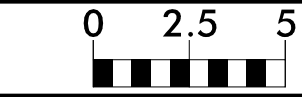
6/23/16

Note: "Quantities are approximate only. The Resident Engineer will re-cross-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."



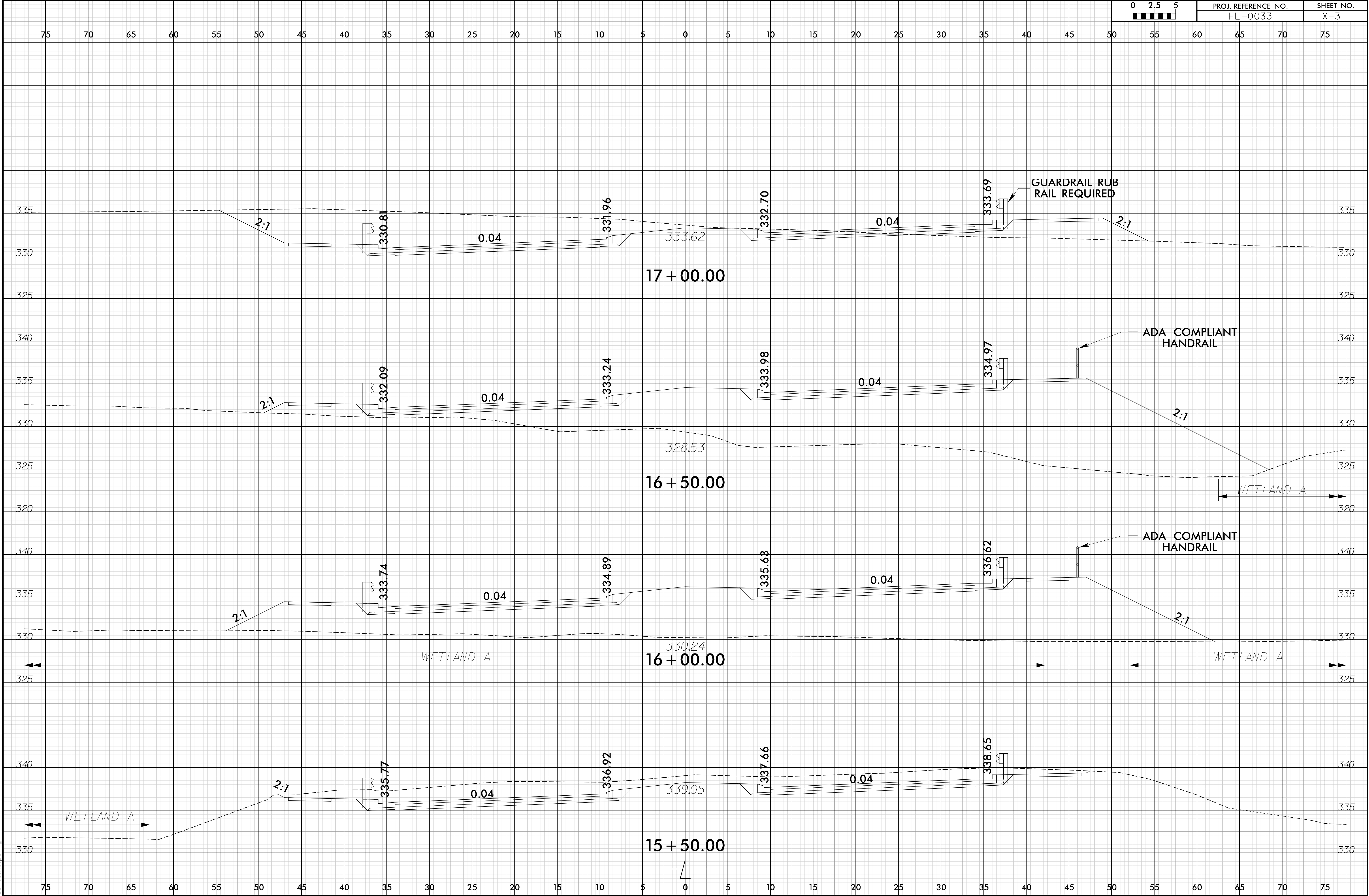


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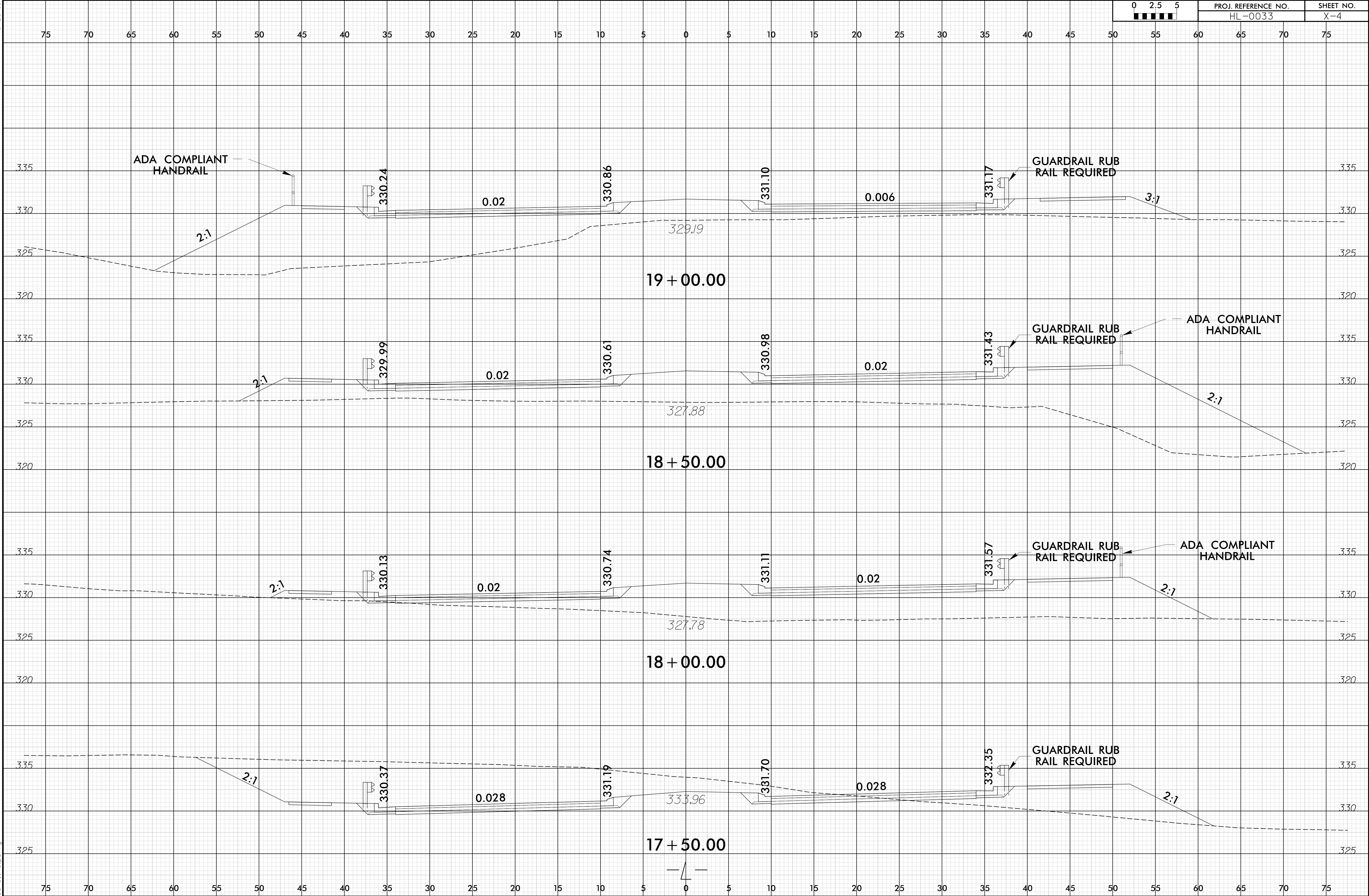


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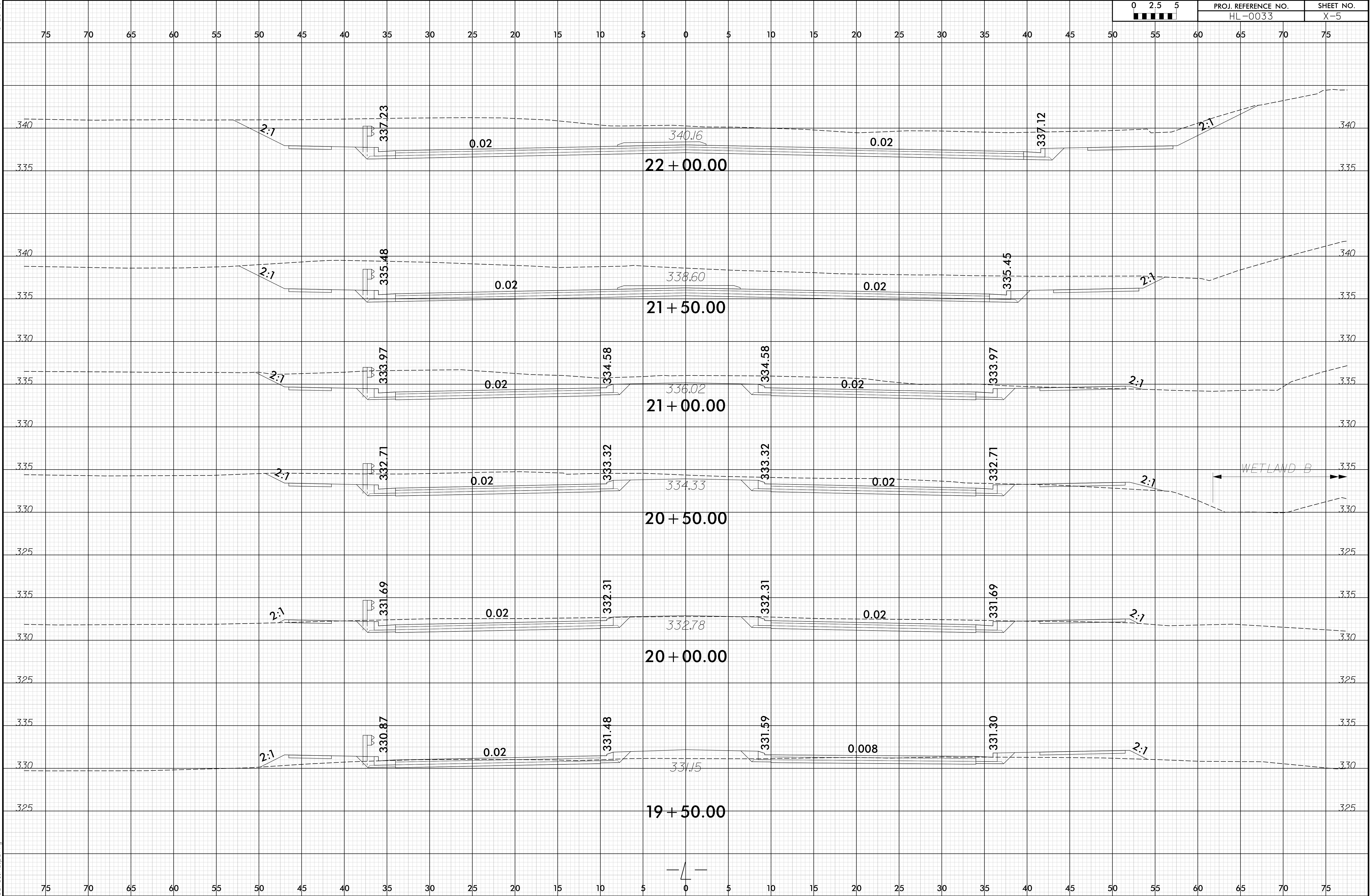
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X-3





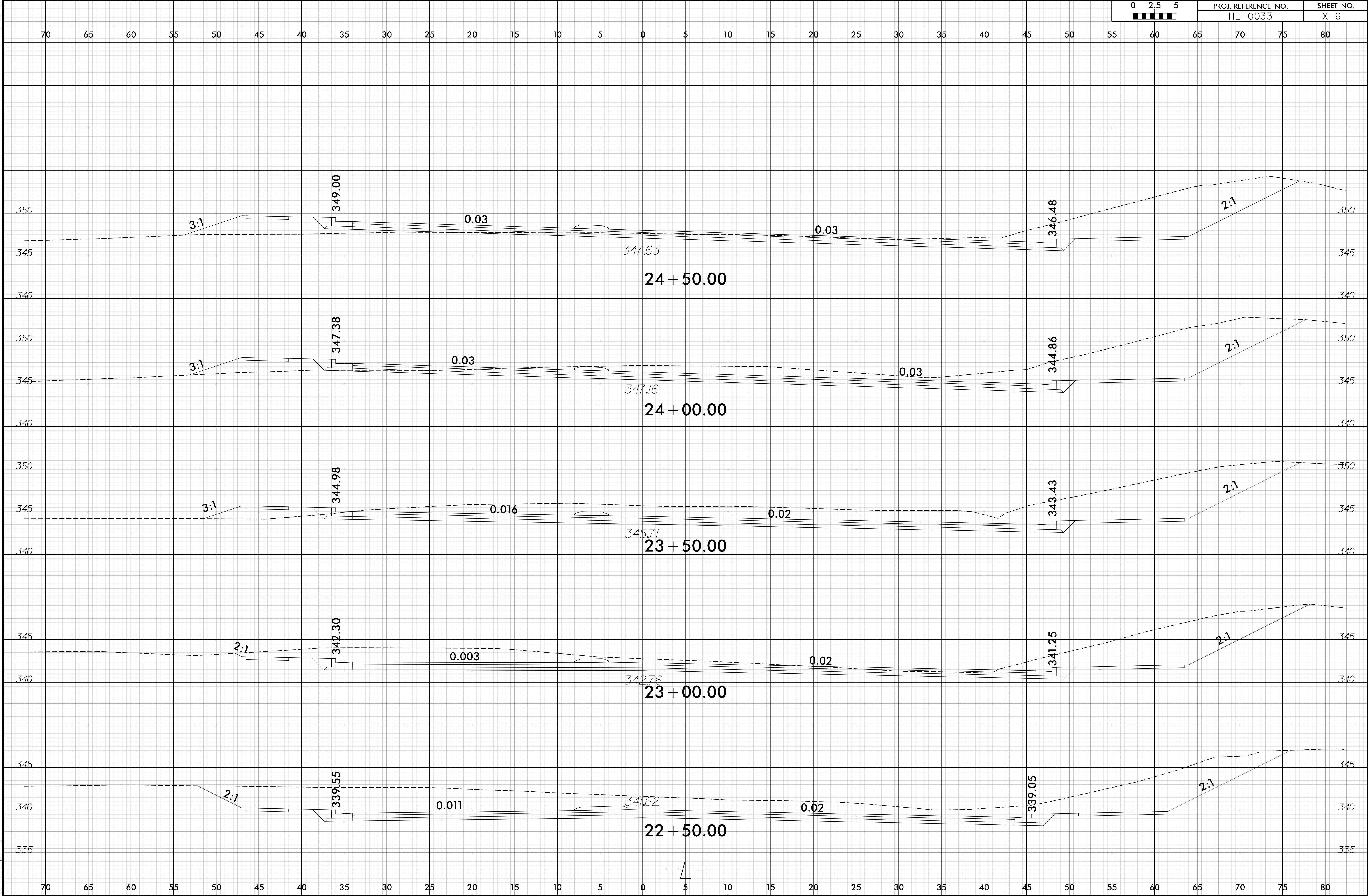






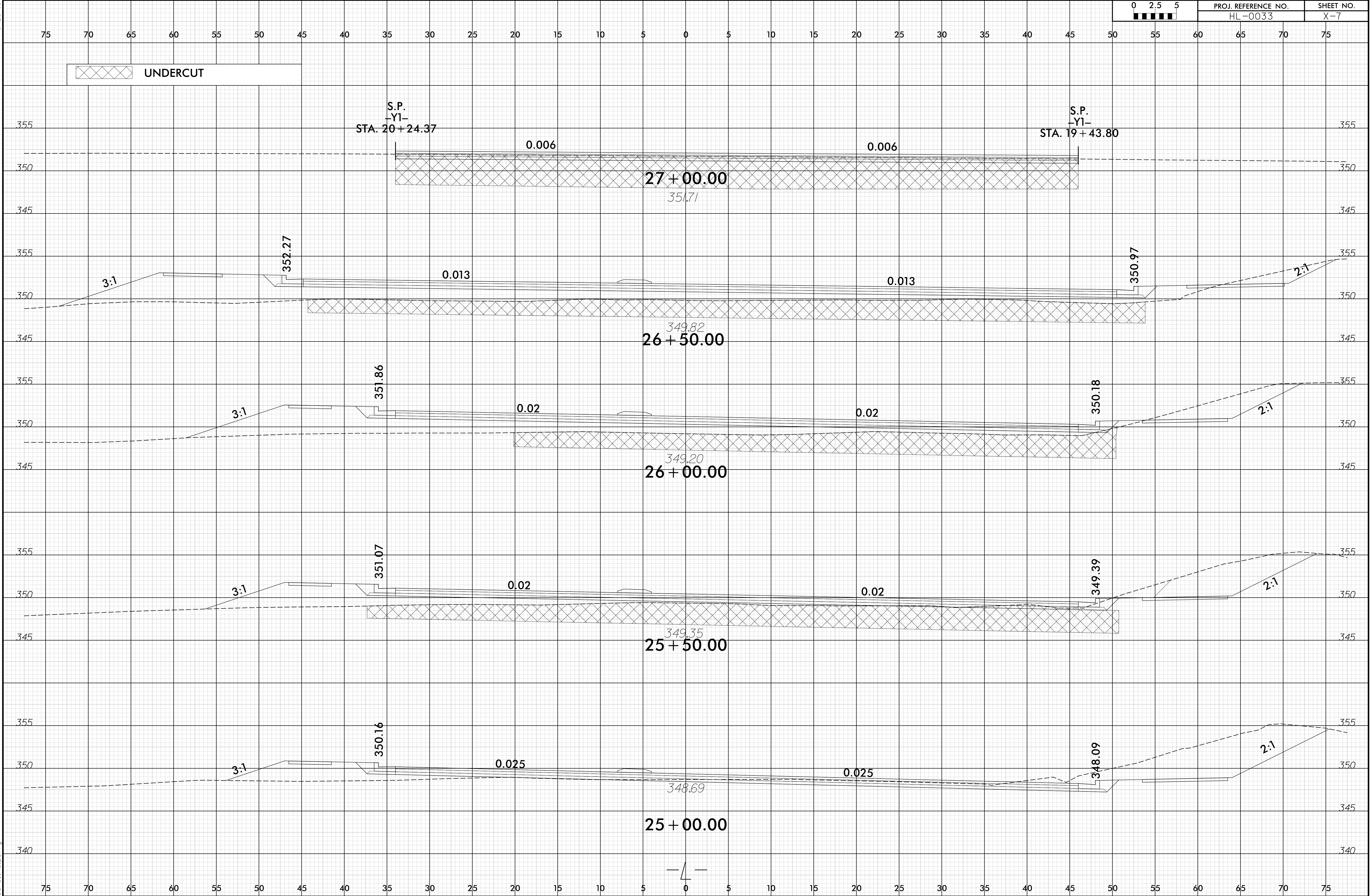


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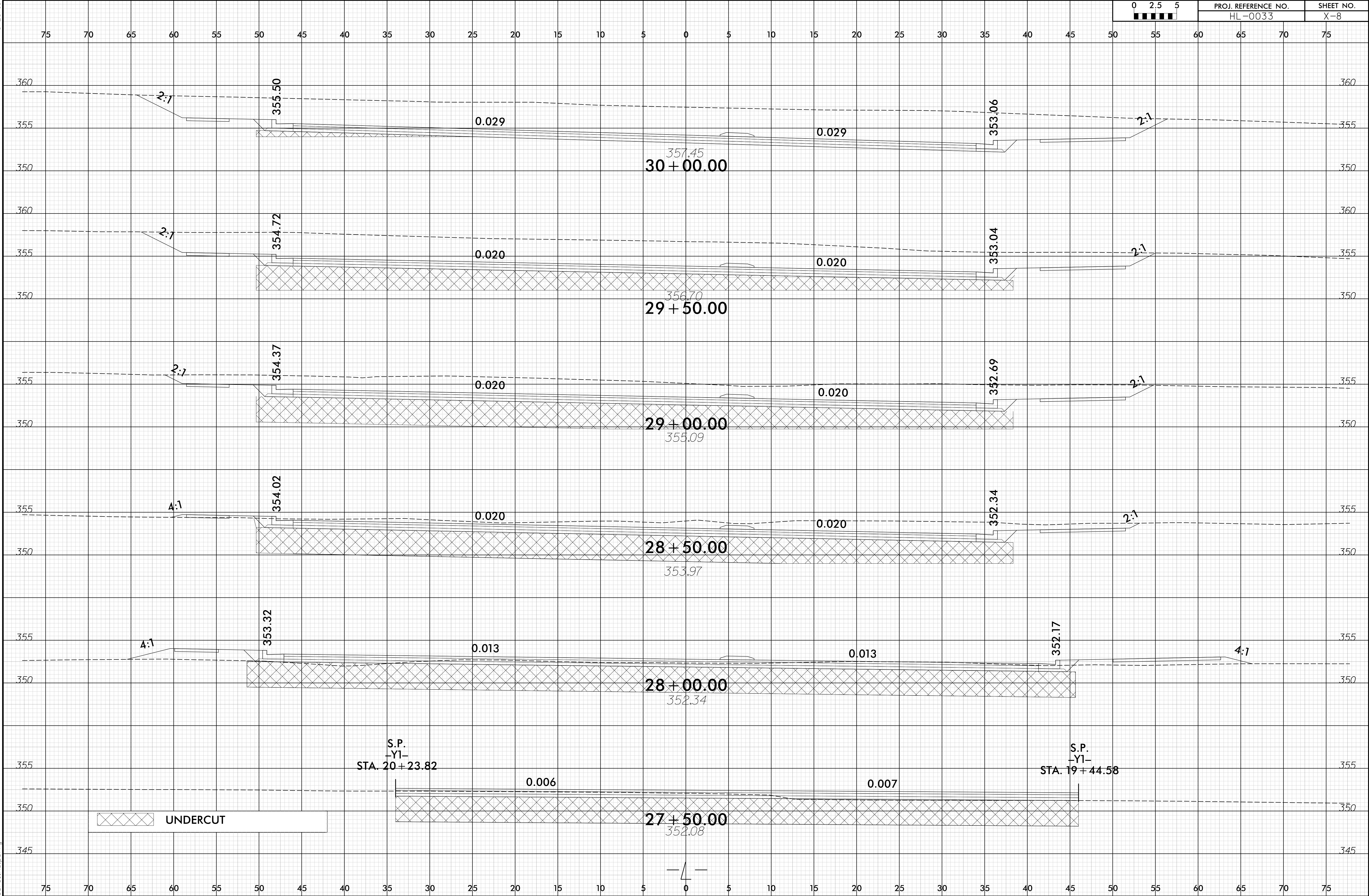




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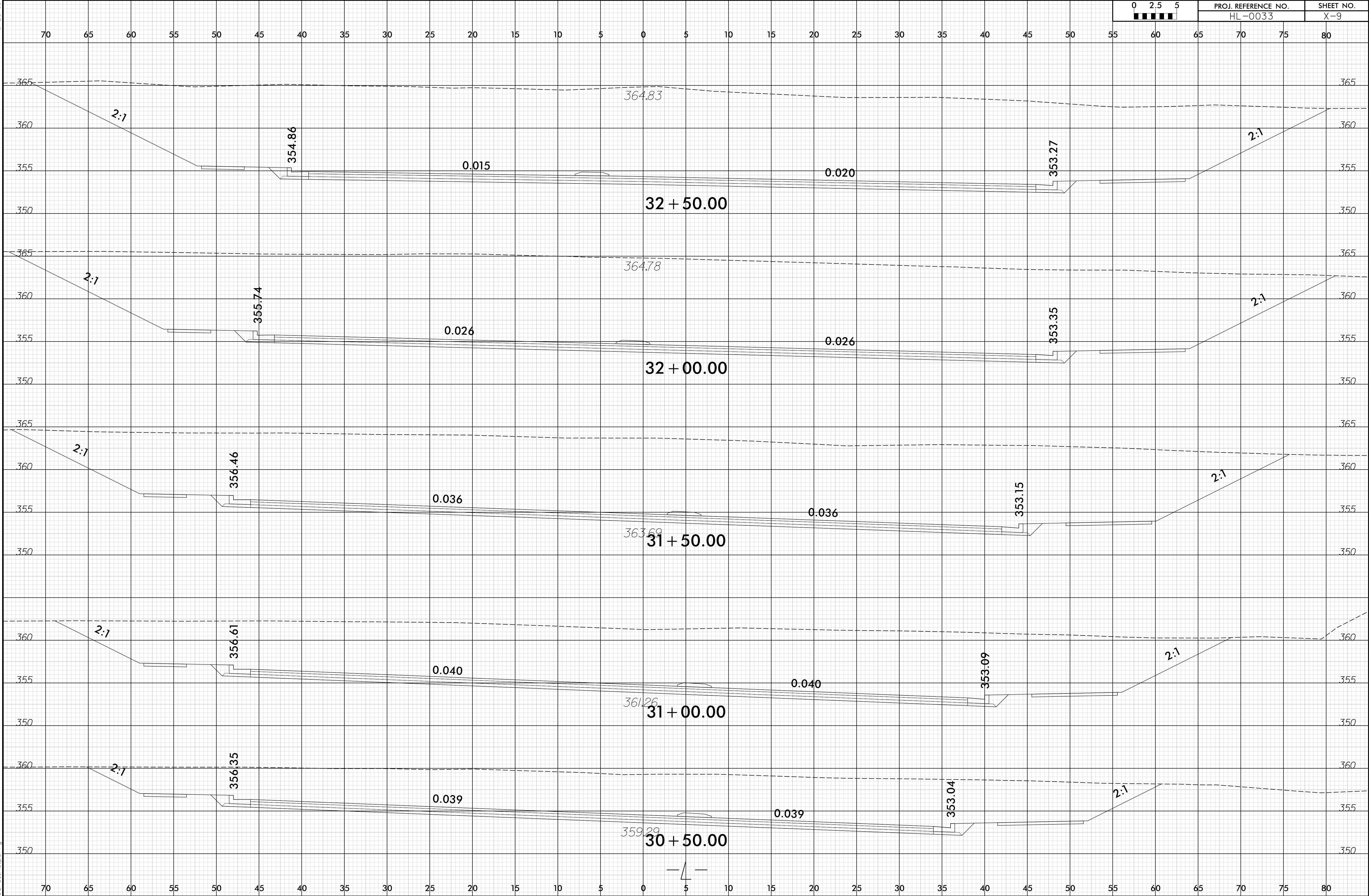




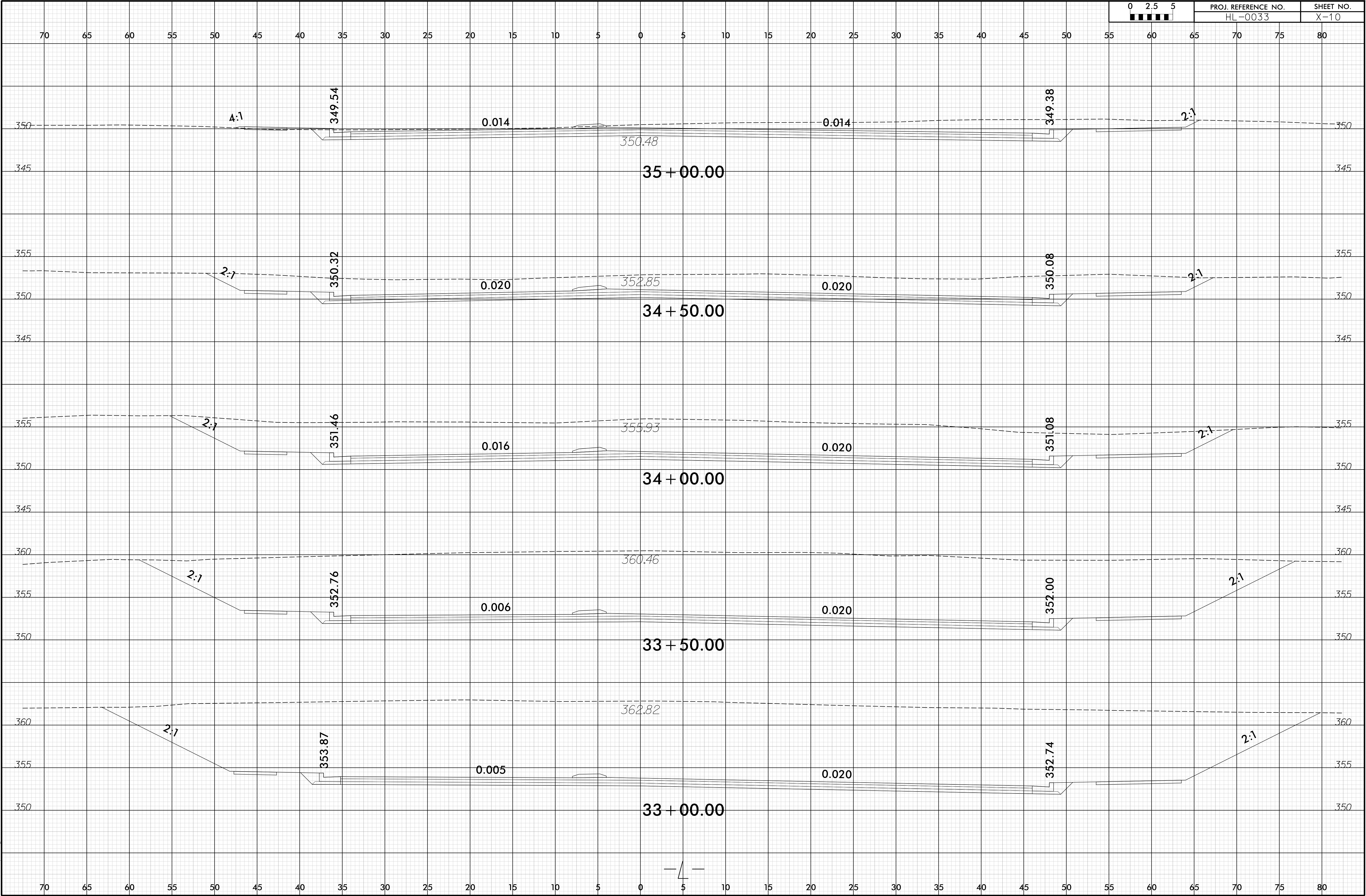




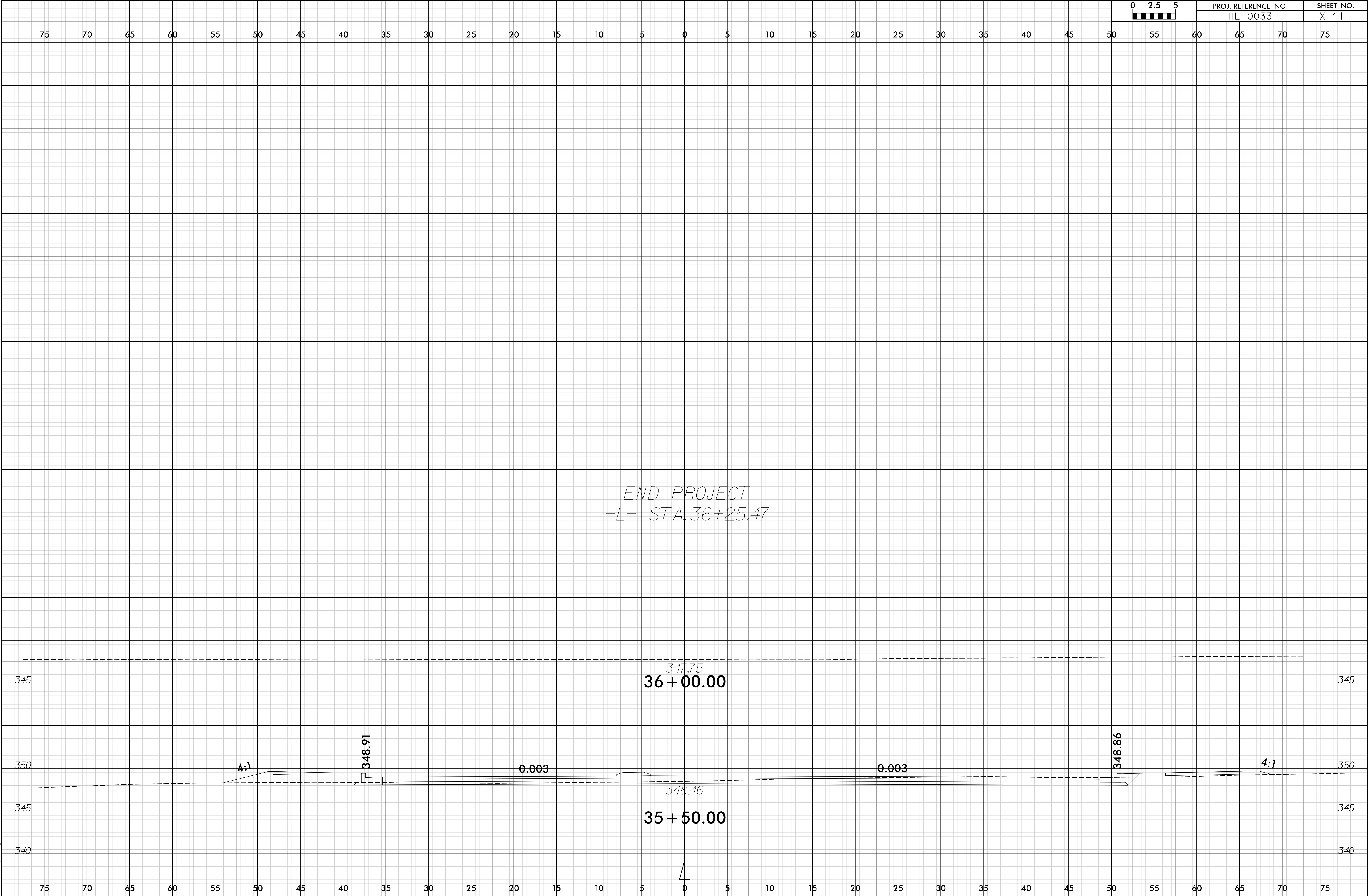
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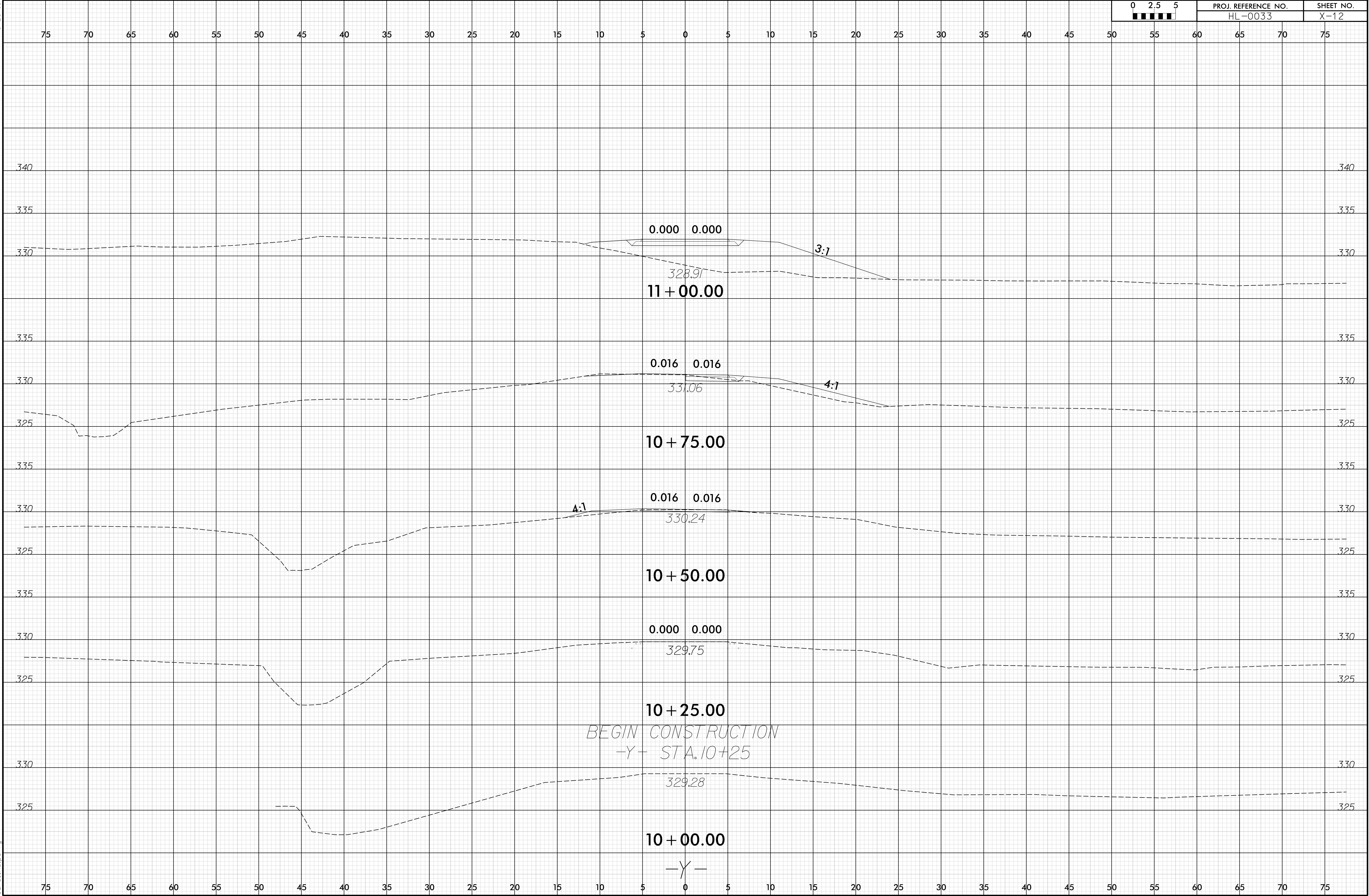






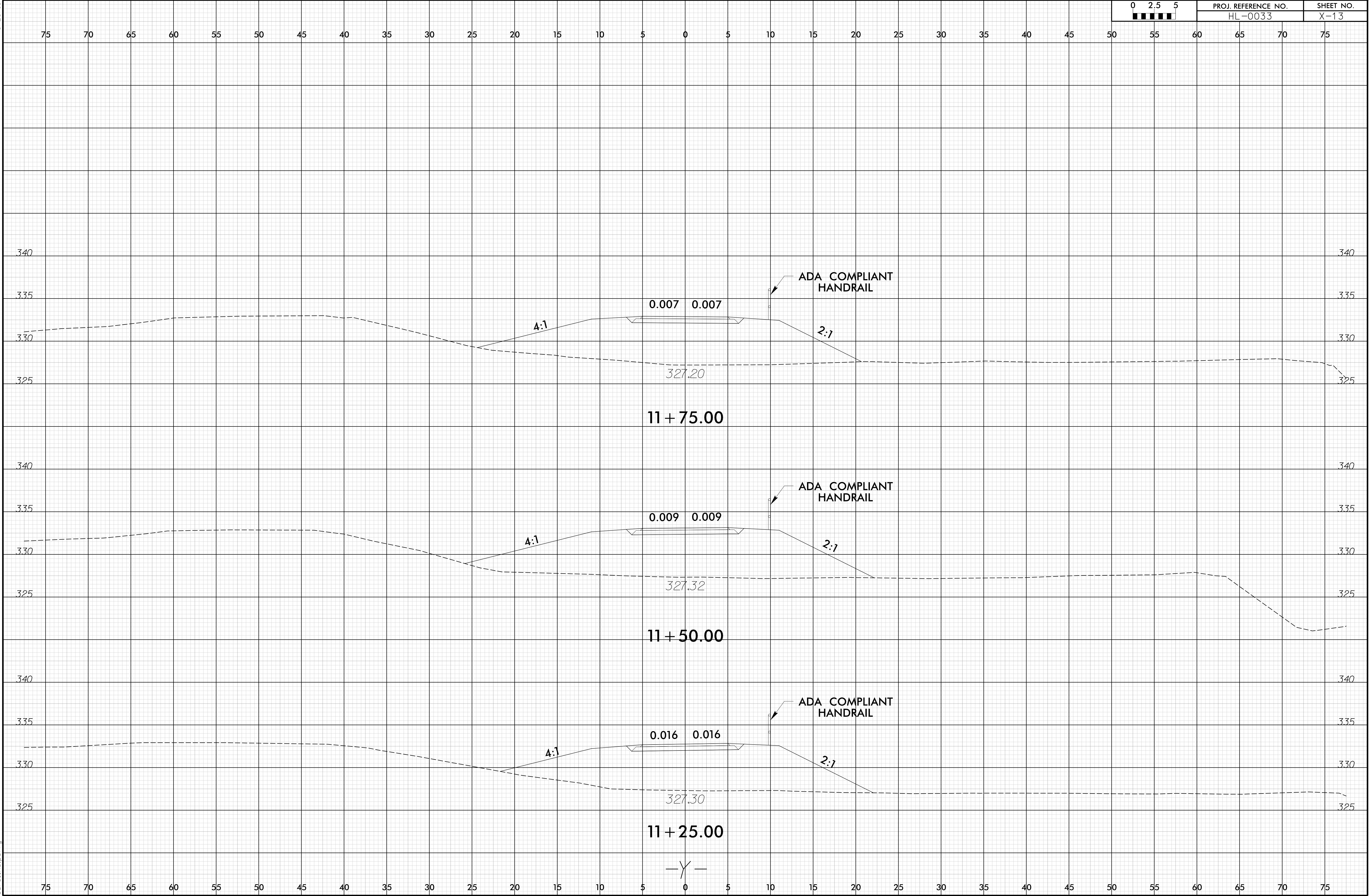


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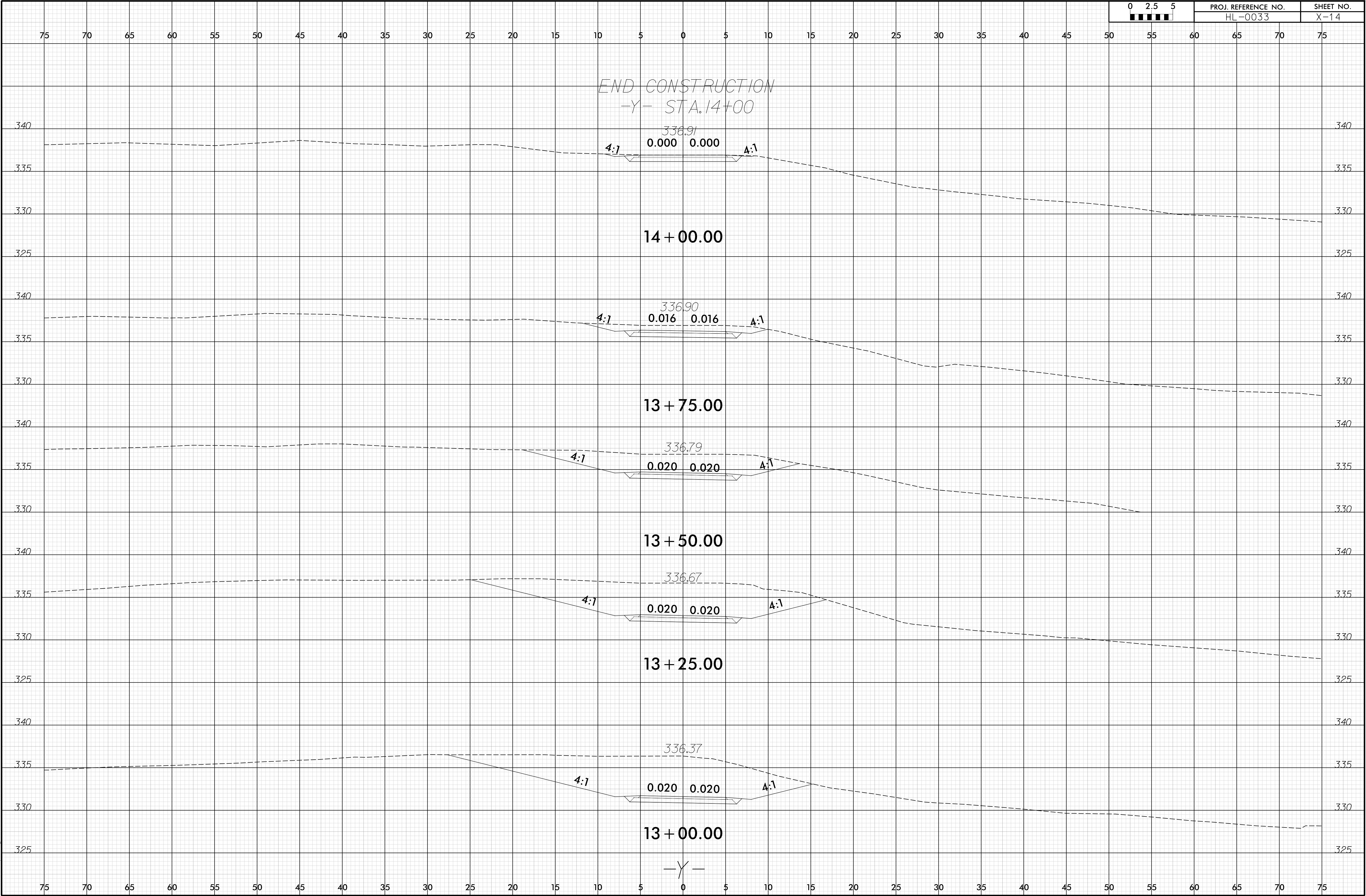




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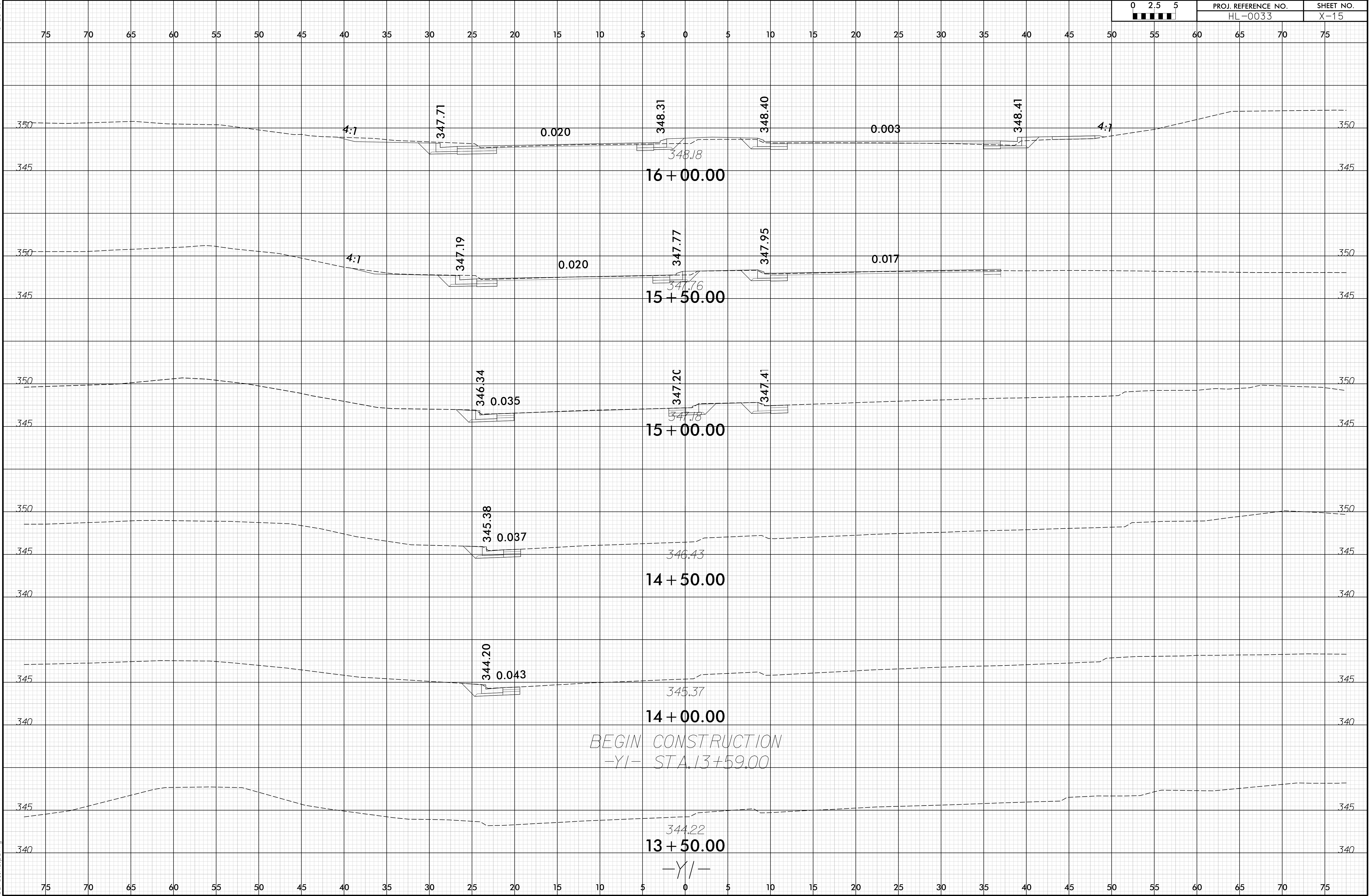




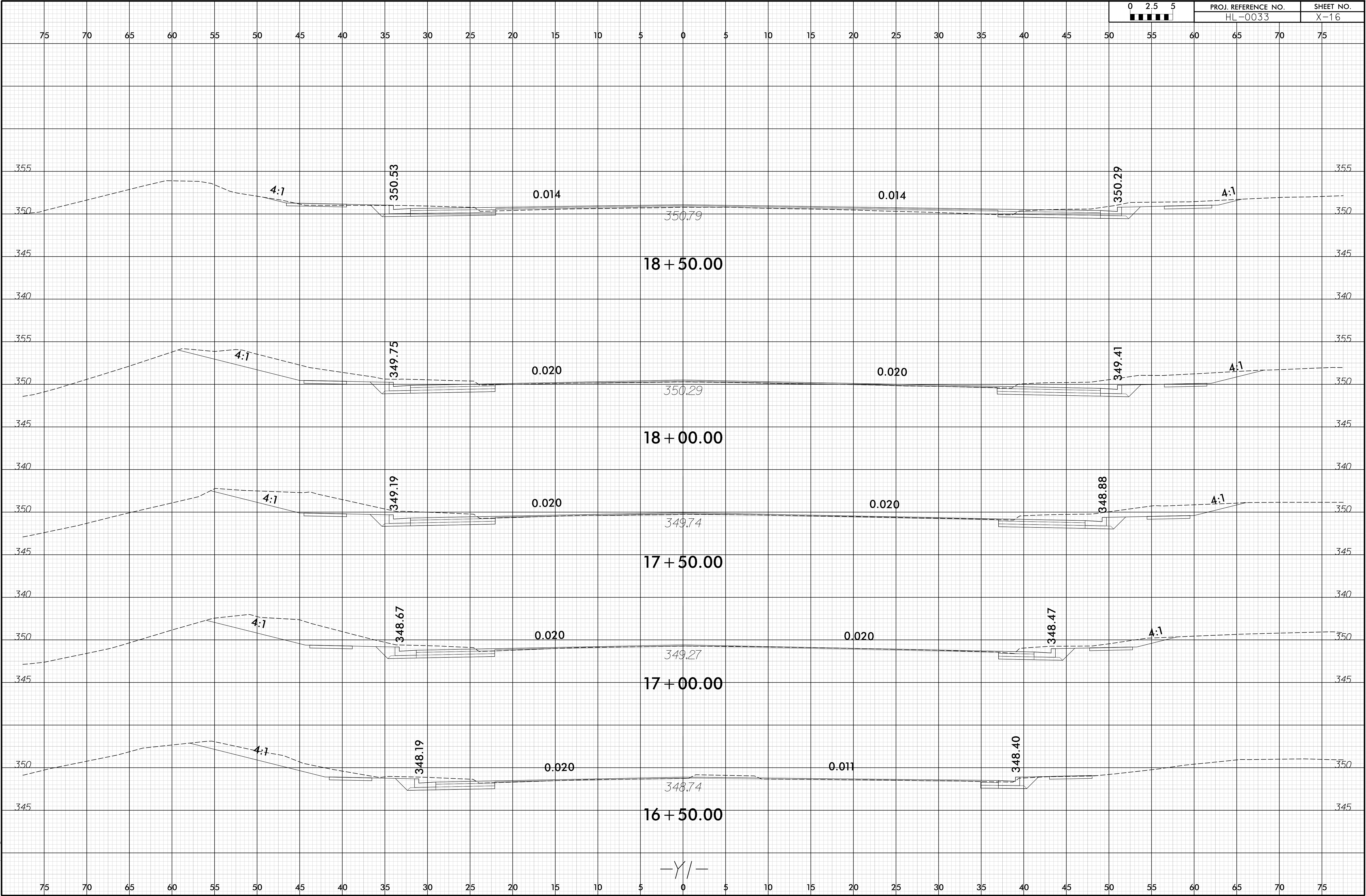




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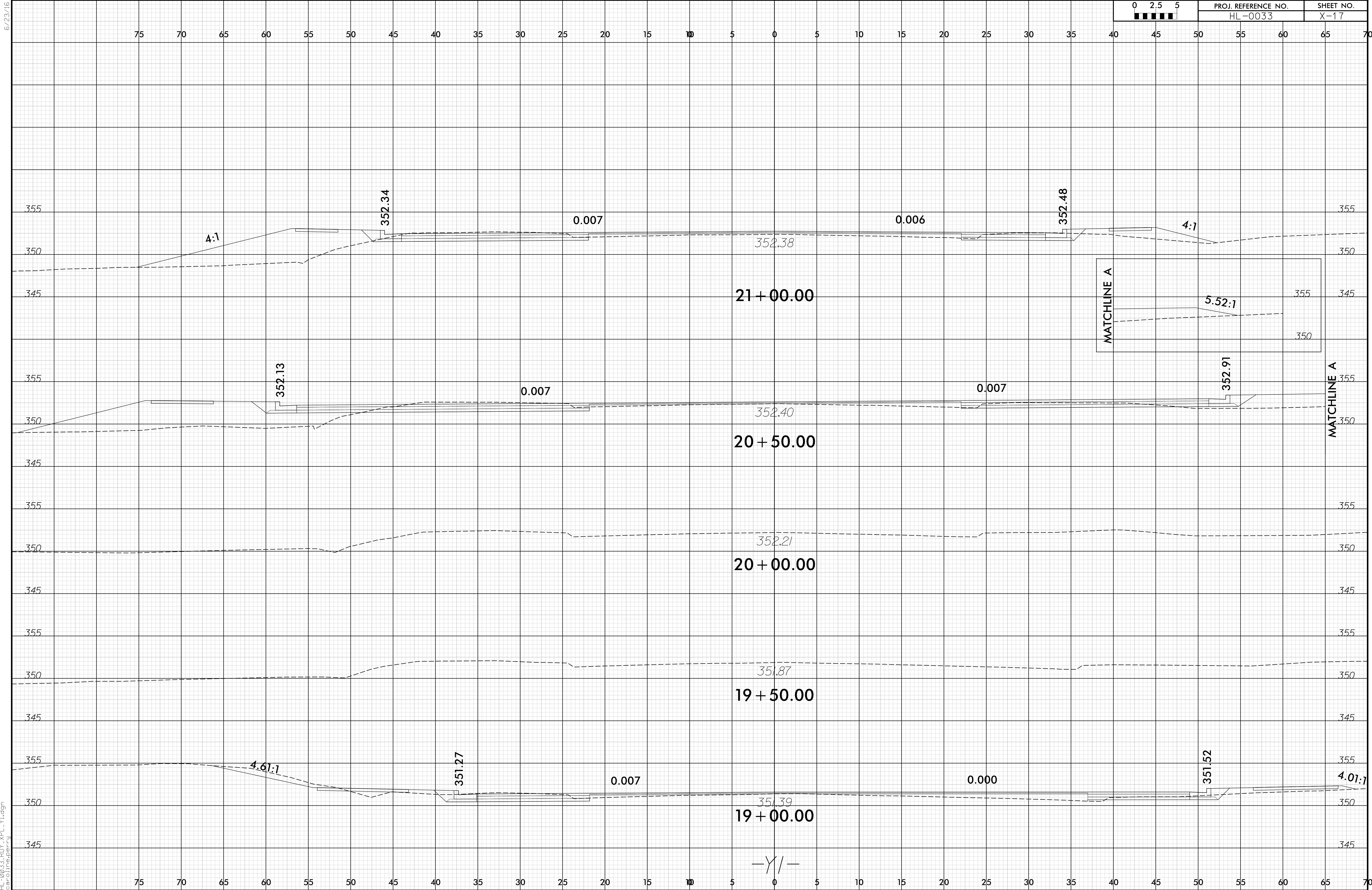




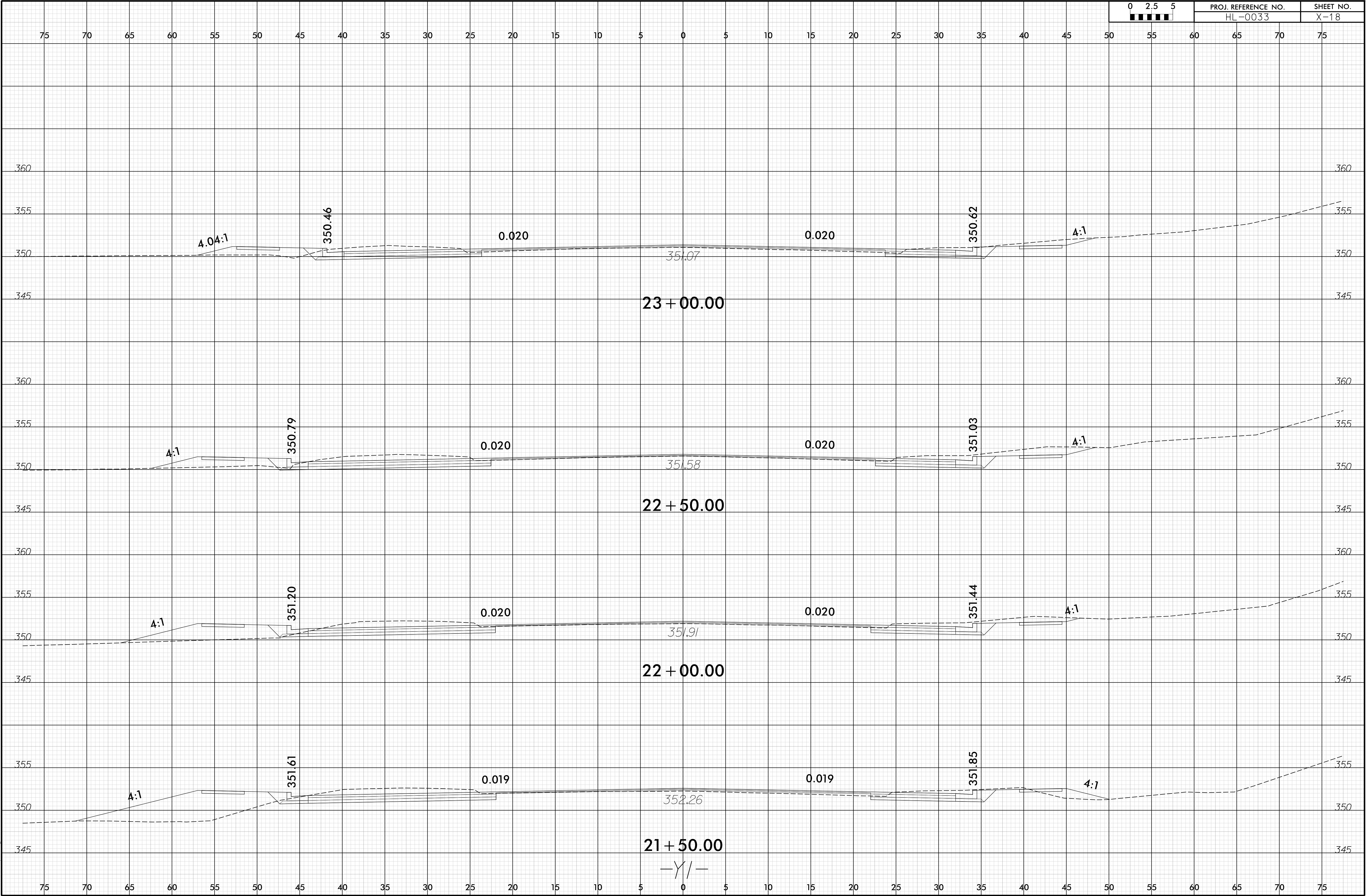




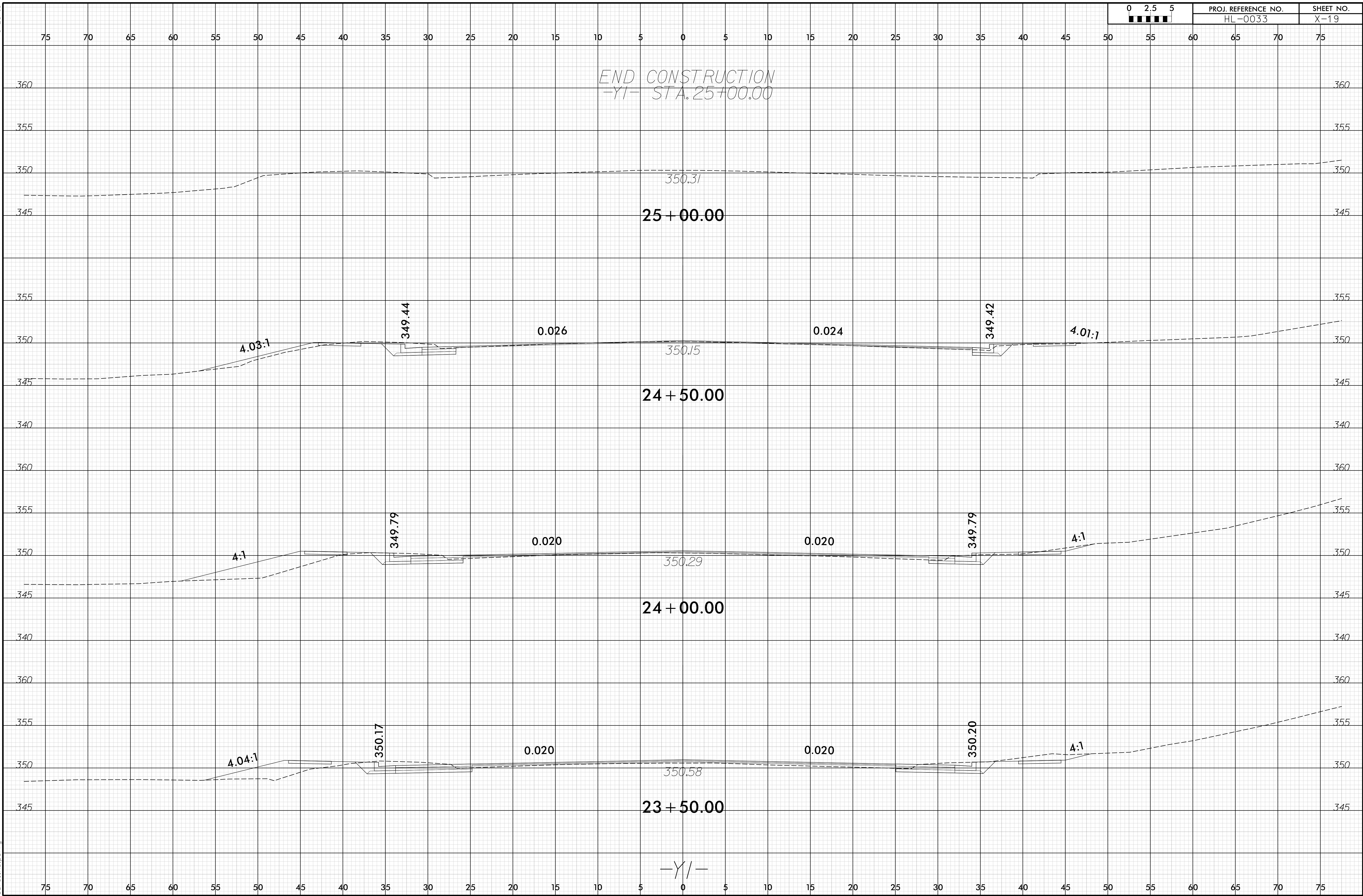
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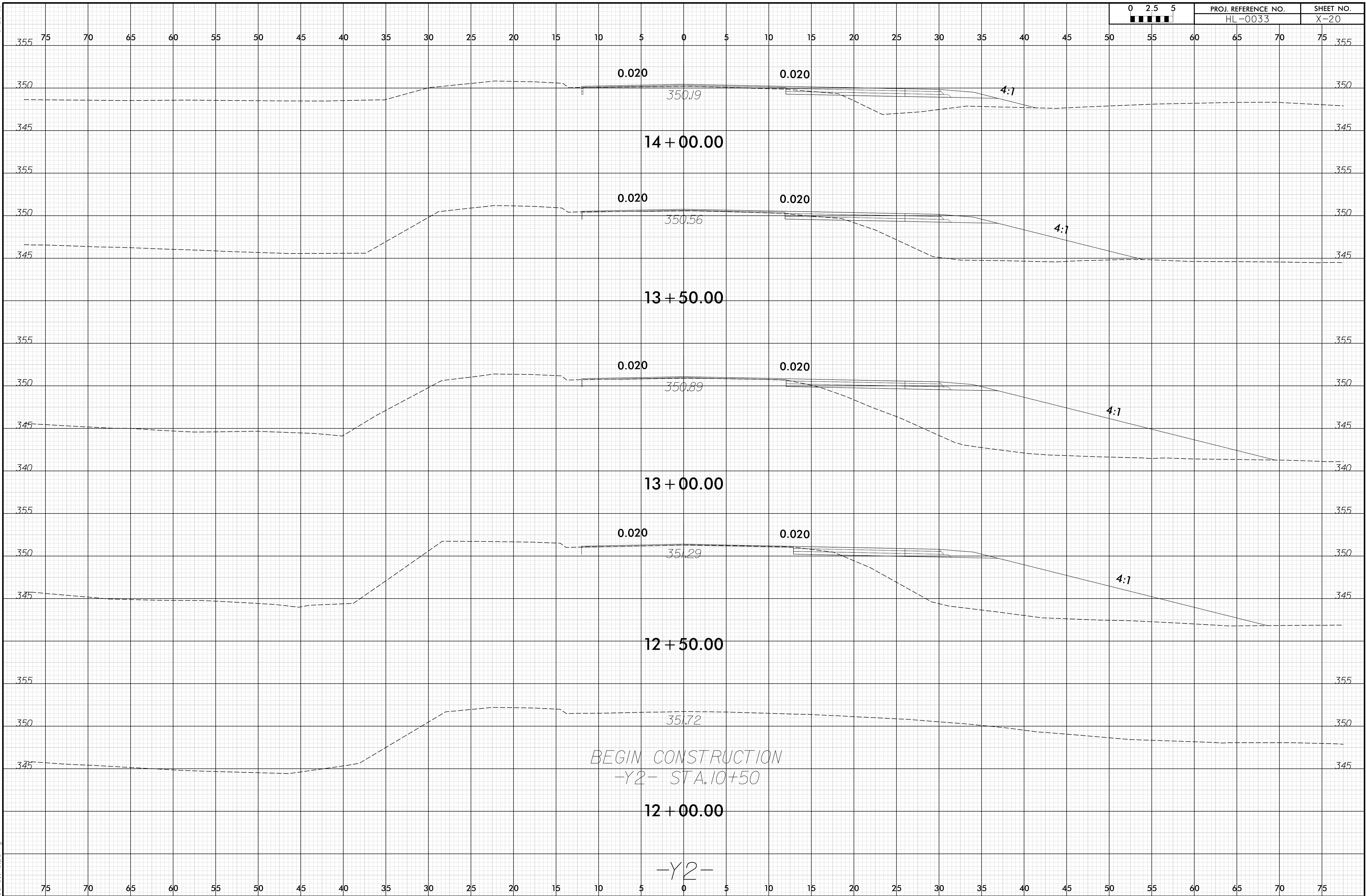




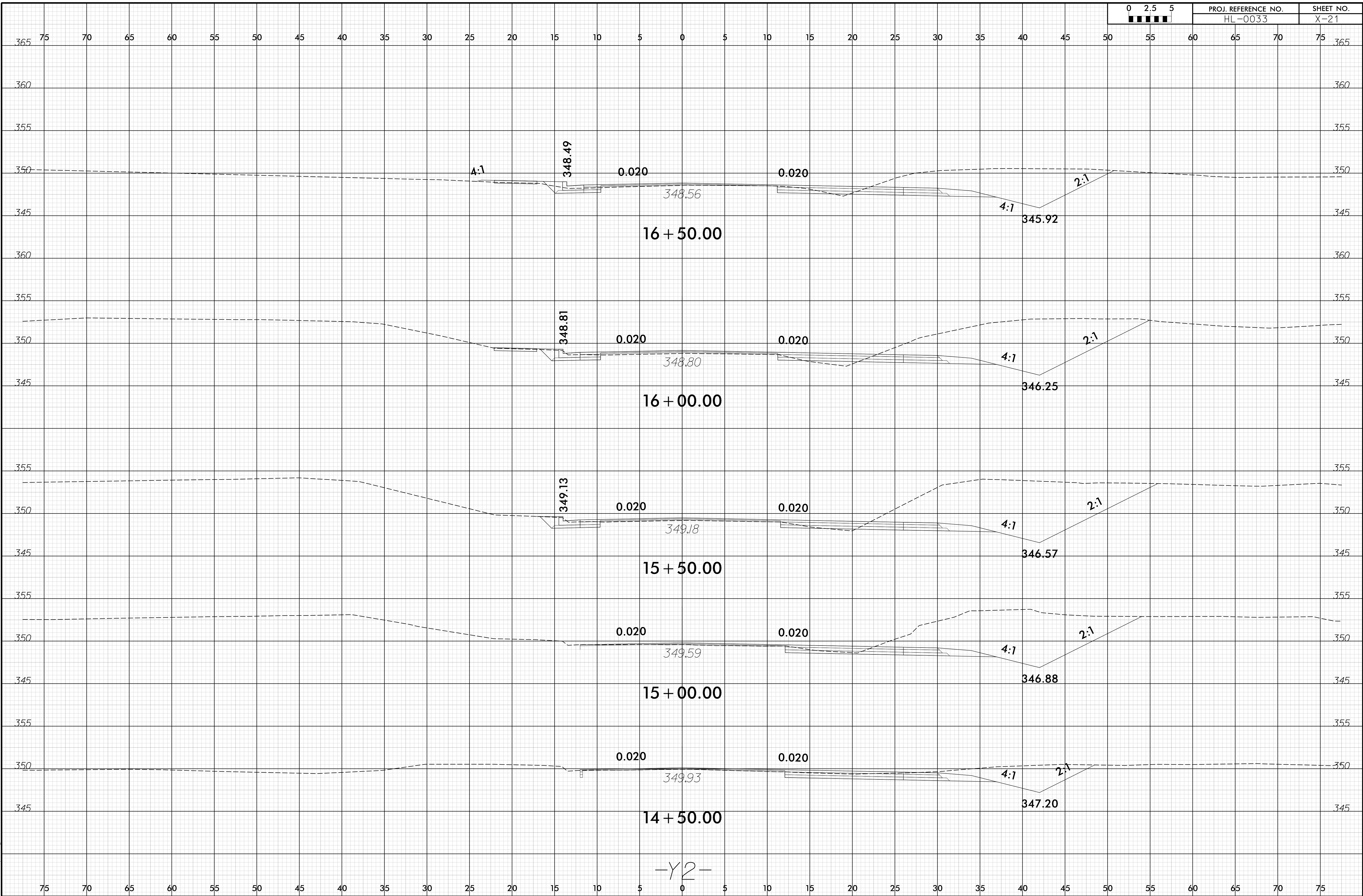




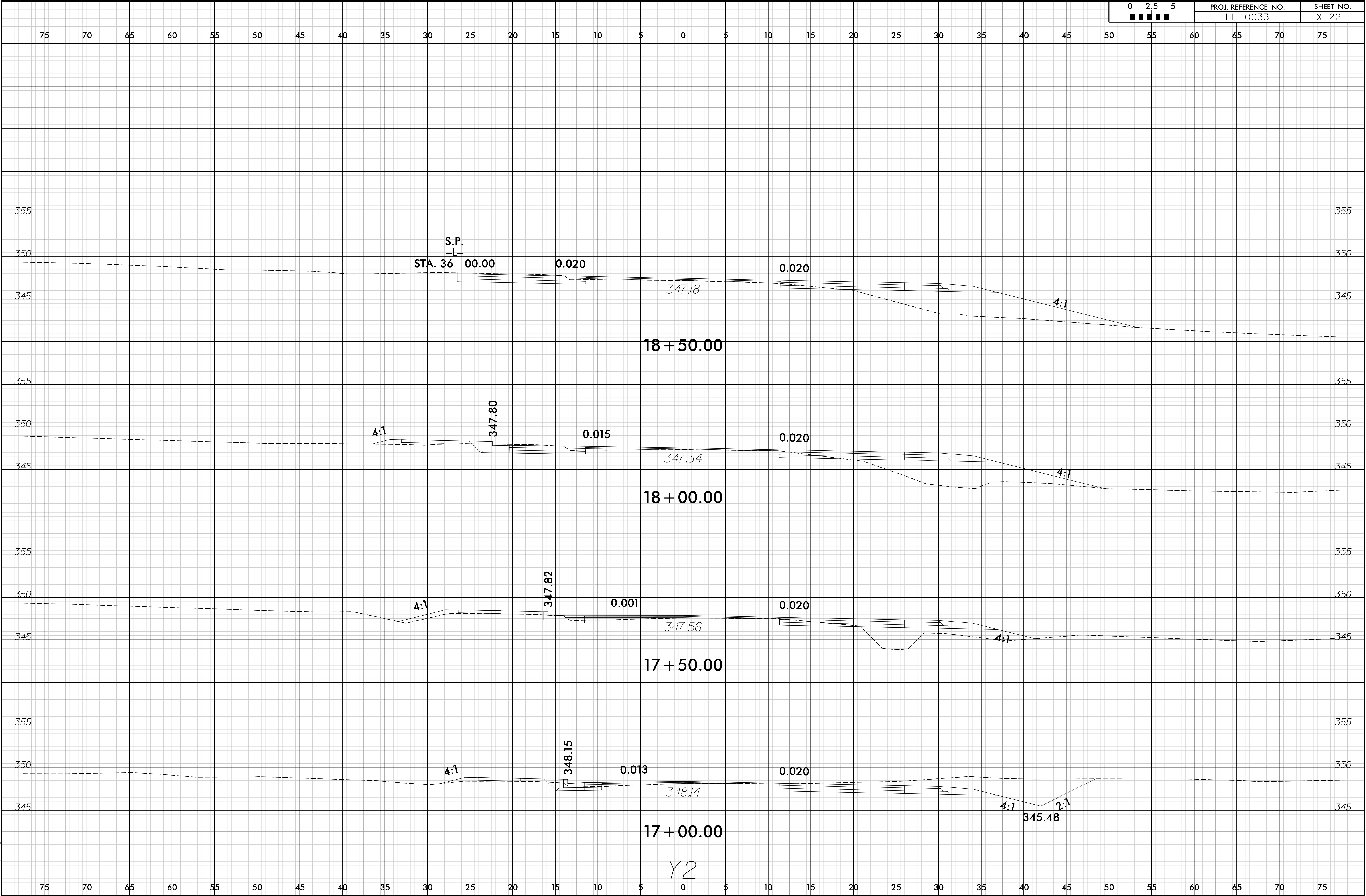














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