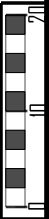
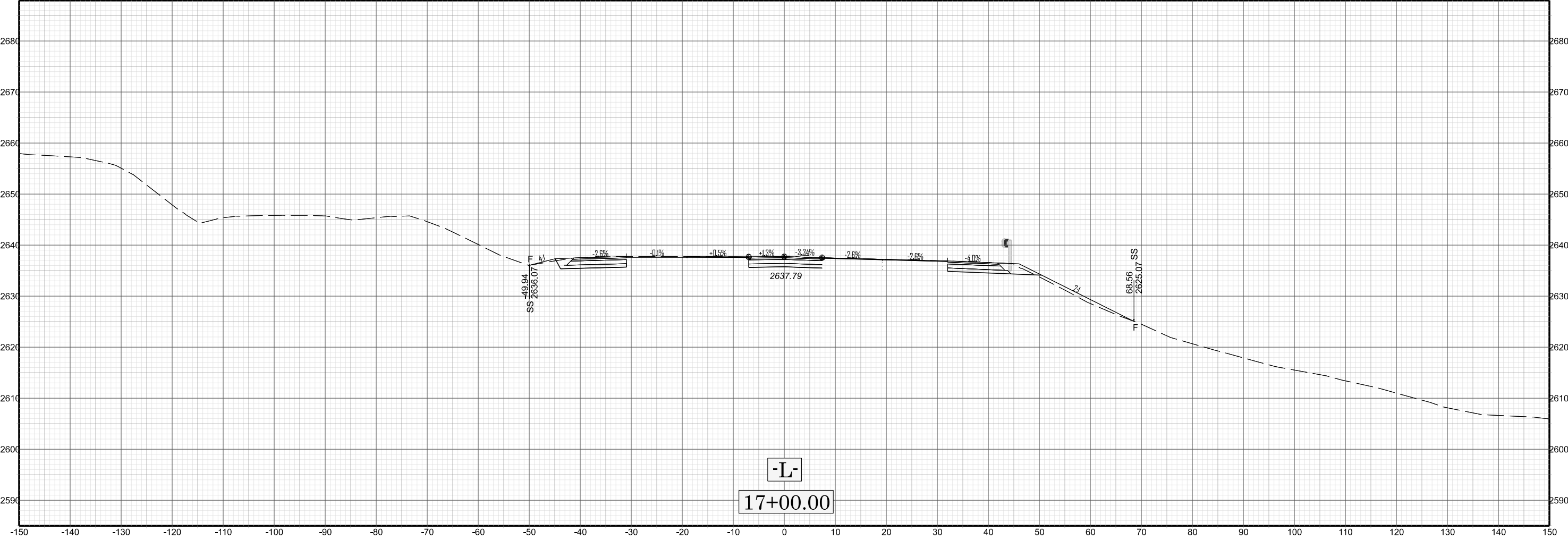


# CROSS SECTION INDEX

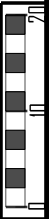
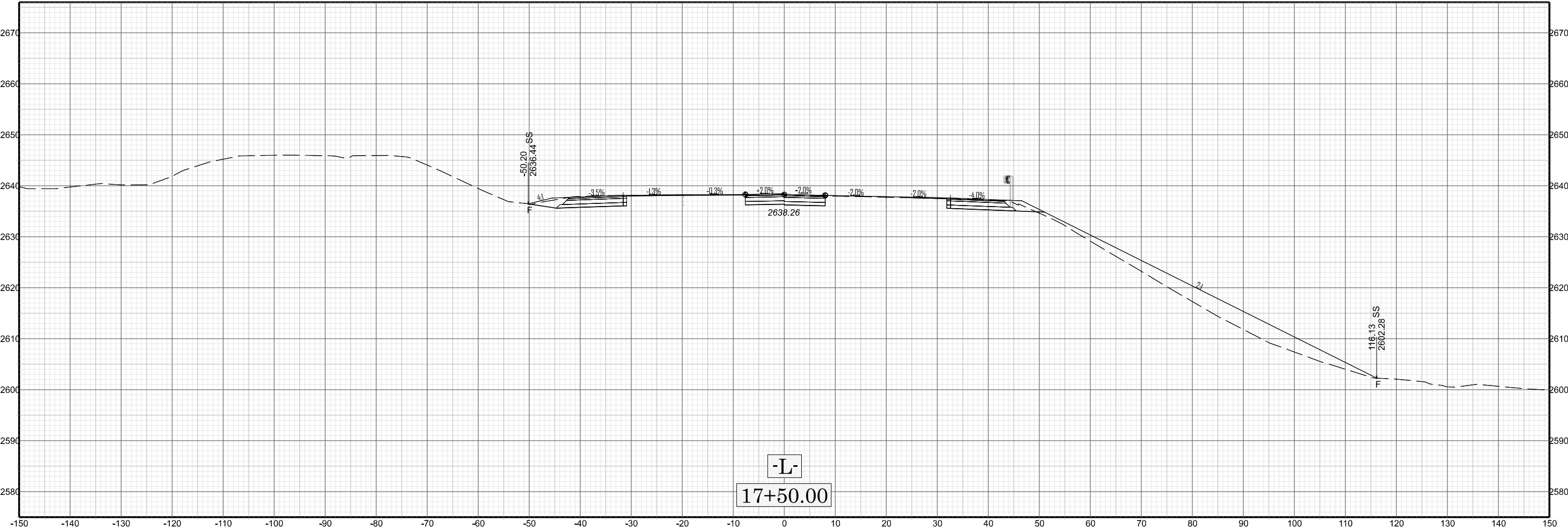
|       |                  |
|-------|------------------|
| -L-   | X-002 THRU X-054 |
| -Y1-  | X-055 THRU X-065 |
| -SR1- | X-066 THRU X-069 |

| STATE OF NORTH CAROLINA<br>DIVISION OF HIGHWAYS                |                         |                   |                              |                         |                   |                               |                         |                   |                           |                         |                   | PROJ. REFERENCE NO.<br>B-5541                                                                                                                                                                                                                   |  | SHEET NO.<br>X-001A |  |
|----------------------------------------------------------------|-------------------------|-------------------|------------------------------|-------------------------|-------------------|-------------------------------|-------------------------|-------------------|---------------------------|-------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--|
| NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT |                         |                   |                              |                         |                   |                               |                         |                   |                           |                         |                   | 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. |  |                     |  |
|                                                                |                         |                   |                              |                         |                   |                               |                         |                   |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| CROSS-SECTION SUMMARY                                          |                         |                   |                              |                         |                   |                               |                         |                   |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| Station<br>Phase 1<br>L (RT)                                   | Uncl. Exc.<br>(cu. yd.) | Embt<br>(cu. yd.) | Station<br>Phase 3<br>L (LT) | Uncl. Exc.<br>(cu. yd.) | Embt<br>(cu. yd.) | Station<br>Phase 4<br>L (MED) | Uncl. Exc.<br>(cu. yd.) | Embt<br>(cu. yd.) | Station<br>Phase 4<br>Y1  | Uncl. Exc.<br>(cu. yd.) | Embt<br>(cu. yd.) |                                                                                                                                                                                                                                                 |  |                     |  |
| 17+00.00                                                       | 0                       | 0                 | 17+00.00                     | 0                       | 0                 | 17+00.00                      | 0                       | 0                 | 20+00.00                  | 0                       | 0                 |                                                                                                                                                                                                                                                 |  |                     |  |
| 17+50.00                                                       | 52.66                   | 143.36            | 17+50.00                     | 25.09                   | 0                 | 17+50.00                      | 55.30                   | 0                 | 20+50.00                  | 8.78                    | 598.05            |                                                                                                                                                                                                                                                 |  |                     |  |
| 18+00.00                                                       | 50.02                   | 236.14            | 18+00.00                     | 18.81                   | 50.03             | 18+00.00                      | 54.92                   | 0                 | 21+00.00                  | 6.62                    | 809.04            |                                                                                                                                                                                                                                                 |  |                     |  |
| 18+50.00                                                       | 49.13                   | 4.53              | 18+50.00                     | 11.96                   | 30.86             | 18+50.00                      | 57.50                   | 0                 | 21+50.00                  | 4.48                    | 633.18            |                                                                                                                                                                                                                                                 |  |                     |  |
| 19+00.00                                                       | 49.16                   | 75.00             | 19+00.00                     | 9.37                    | 18.56             | 19+00.00                      | 62.68                   | 0                 | 22+00.00                  | 34.28                   | 170.26            |                                                                                                                                                                                                                                                 |  |                     |  |
| 19+50.00                                                       | 46.59                   | 113.37            | 19+50.00                     | 11.96                   | 16.90             | 19+50.00                      | 67.27                   | 0                 | 22+50.00                  | 408.46                  | 15.82             |                                                                                                                                                                                                                                                 |  |                     |  |
| 20+00.00                                                       | 46.20                   | 22.87             | 20+00.00                     | 11.33                   | 11.87             | 20+00.00                      | 73.15                   | 0                 | 23+00.00                  | 668.31                  | 12.43             |                                                                                                                                                                                                                                                 |  |                     |  |
| 20+50.00                                                       | 43.29                   | 11.92             | 20+50.00                     | 43.74                   | 12.66             | 20+50.00                      | 82.10                   | 0                 | 23+50.00                  | 614.86                  | 13.29             |                                                                                                                                                                                                                                                 |  |                     |  |
| 21+00.00                                                       | 40.47                   | 4.56              | 21+00.00                     | 40.90                   | 14.19             | 21+00.00                      | 93.78                   | 0                 | 24+00.00                  | 364.48                  | 28.92             |                                                                                                                                                                                                                                                 |  |                     |  |
| 21+50.00                                                       | 40.86                   | 3.96              | 21+50.00                     | 36.45                   | 24.71             | 21+50.00                      | 102.86                  | 0                 | 24+50.00                  | 47.27                   | 24.32             |                                                                                                                                                                                                                                                 |  |                     |  |
| 22+00.00                                                       | 47.97                   | 5.47              | 22+00.00                     | 30.86                   | 4.65              | 22+00.00                      | 105.74                  | 0                 | 25+00.00                  | 195.20                  | 188.48            |                                                                                                                                                                                                                                                 |  |                     |  |
| 22+50.00                                                       | 93.96                   | 7.46              | 22+50.00                     | 30.26                   | 4.86              | 22+50.00                      | 107.50                  | 0                 | 25+50.00                  | 373.76                  | 295.85            |                                                                                                                                                                                                                                                 |  |                     |  |
| 23+00.00                                                       | 136.65                  | 9.75              | 23+00.00                     | 30.46                   | 3.47              | 23+00.00                      | 104.47                  | 0                 | 26+00.00                  | 195.16                  | 237.67            |                                                                                                                                                                                                                                                 |  |                     |  |
| 23+50.00                                                       | 159.65                  | 11.60             | 23+50.00                     | 32.27                   | 2.70              | 23+50.00                      | 101.52                  | 0                 | 26+50.00                  | 73.80                   | 7.64              |                                                                                                                                                                                                                                                 |  |                     |  |
| 24+00.00                                                       | 197.37                  | 13.63             | 24+00.00                     | 32.66                   | 2.33              | 24+00.00                      | 99.79                   | 0                 | Station<br>Phase 4<br>SR1 | Uncl. Exc.<br>(cu. yd.) | Embt<br>(cu. yd.) |                                                                                                                                                                                                                                                 |  |                     |  |
| 24+50.00                                                       | 260.77                  | 13.30             | 24+50.00                     | 50.53                   | 2.71              | 24+50.00                      | 93.59                   | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 25+00.00                                                       | 238.76                  | 8.64              | 25+00.00                     | 46.04                   | 4.10              | 25+00.00                      | 84.34                   | 0                 | 18+50.00                  | 0                       | 0                 |                                                                                                                                                                                                                                                 |  |                     |  |
| 25+50.00                                                       | 352.78                  | 22.38             | 25+50.00                     | 32.28                   | 2.82              | 25+50.00                      | 64.34                   | 0                 | 19+00.00                  | 6.47                    | 2.48              |                                                                                                                                                                                                                                                 |  |                     |  |
| 26+00.00                                                       | 403.09                  | 43.52             | 26+00.00                     | 14.54                   | 7.91              | 26+00.00                      | 37.94                   | 1.30              | 19+50.00                  | 4.85                    | 6.27              |                                                                                                                                                                                                                                                 |  |                     |  |
| 26+50.00                                                       | 473.24                  | 67.07             | 26+50.00                     | 0.81                    | 34.43             | 26+50.00                      | 11.90                   | 10.04             | 20+00.00                  | 7.69                    | 3.18              |                                                                                                                                                                                                                                                 |  |                     |  |
| 27+00.00                                                       | 434.81                  | 90.15             | 27+00.00                     | 0                       | 61.99             | 27+00.00                      | 0.47                    | 38.90             | 20+50.00                  | 0                       | 0                 |                                                                                                                                                                                                                                                 |  |                     |  |
| 27+50.00                                                       | 281.93                  | 101.23            | 27+50.00                     | 0                       | 85.90             | 27+50.00                      | 0                       | 83.38             |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 28+00.00                                                       | 28.21                   | 310.54            | 28+00.00                     | 0                       | 115.44            | 28+00.00                      | 0                       | 129.80            |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 28+50.00                                                       | 0                       | 1,158.86          | 28+50.00                     | 0                       | 156.96            | 28+50.00                      | 0                       | 168.93            |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 29+00.00                                                       | 0                       | 1,049.71          | 29+00.00                     | 0                       | 246.27            | 29+00.00                      | 0                       | 271.26            |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 29+07.54                                                       | 0                       | 0                 | 29+07.54                     | 0                       | 0                 | 29+07.54                      | 0                       | 49.92             |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| Station<br>Phase 1<br>L (RT)                                   | Uncl. Exc.<br>(cu. yd.) | Embt<br>(cu. yd.) | Station<br>Phase 3<br>L (LT) | Uncl. Exc.<br>(cu. yd.) | Embt<br>(cu. yd.) | Station<br>Phase 4<br>L (MED) | Uncl. Exc.<br>(cu. yd.) | Embt<br>(cu. yd.) |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 30+12.54                                                       | 0                       | 0                 | 30+12.54                     | 0                       | 0                 | 30+12.54                      | 0                       | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 30+50.00                                                       | 0                       | 2,357.59          | 30+50.00                     | 0                       | 333.02            | 30+50.00                      | 0                       | 478.37            |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 31+00.00                                                       | 0                       | 2,799.06          | 31+00.00                     | 0                       | 878.22            | 31+00.00                      | 0                       | 163.74            |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 31+50.00                                                       | 0                       | 2,296.16          | 31+50.00                     | 0                       | 644.75            | 31+50.00                      | 0                       | 103.05            |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 32+00.00                                                       | 0                       | 1,547.11          | 32+00.00                     | 0                       | 446.12            | 32+00.00                      | 0.55                    | 45.12             |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 32+50.00                                                       | 0.01                    | 1,110.20          | 32+50.00                     | 6.49                    | 120.78            | 32+50.00                      | 24.17                   | 5.91              |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 33+00.00                                                       | 4.26                    | 591.06            | 33+00.00                     | 31.66                   | 9.62              | 33+00.00                      | 70.47                   | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 33+50.00                                                       | 14.95                   | 186.00            | 33+50.00                     | 50.36                   | 4.29              | 33+50.00                      | 103.52                  | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 34+00.00                                                       | 287.26                  | 7.81              | 34+00.00                     | 88.53                   | 0.97              | 34+00.00                      | 120.64                  | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 34+50.00                                                       | 292.82                  | 6.09              | 34+50.00                     | 92.18                   | 0.35              | 34+50.00                      | 127.49                  | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 35+00.00                                                       | 378.35                  | 6.95              | 35+00.00                     | 87.19                   | 0.75              | 35+00.00                      | 126.50                  | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 35+50.00                                                       | 387.00                  | 7.13              | 35+50.00                     | 49.10                   | 3.30              | 35+50.00                      | 122.94                  | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 36+00.00                                                       | 319.57                  | 7.55              | 36+00.00                     | 46.33                   | 1.50              | 36+00.00                      | 117.68                  | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 36+50.00                                                       | 232.09                  | 3.52              | 36+50.00                     | 40.29                   | 1.55              | 36+50.00                      | 111.37                  | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 37+00.00                                                       | 112.42                  | 0.06              | 37+00.00                     | 34.32                   | 2.84              | 37+00.00                      | 107.14                  | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 37+50.00                                                       | 66.54                   | 0.10              | 37+50.00                     | 29.53                   | 8.06              | 37+50.00                      | 107.62                  | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 38+00.00                                                       | 38.99                   | 224.29            | 38+00.00                     | 28.85                   | 8.87              | 38+00.00                      | 102.54                  | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 38+50.00                                                       | 37.66                   | 566.81            | 38+50.00                     | 30.13                   | 7.45              | 38+50.00                      | 90.75                   | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 39+00.00                                                       | 36.56                   | 431.91            | 39+00.00                     | 31.80                   | 4.60              | 39+00.00                      | 81.21                   | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 39+50.00                                                       | 36.53                   | 71.77             | 39+50.00                     | 9.01                    | 3.65              | 39+50.00                      | 69.29                   | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 40+00.00                                                       | 37.85                   | 42.33             | 40+00.00                     | 7.54                    | 2.65              | 40+00.00                      | 60.32                   | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 40+50.00                                                       | 41.79                   | 31.71             | 40+50.00                     | 5.08                    | 6.03              | 40+50.00                      | 55.58                   | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 41+00.00                                                       | 45.08                   | 32.89             | 41+00.00                     | 8.56                    | 4.32              | 41+00.00                      | 54.88                   | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 41+50.00                                                       | 47.29                   | 7.71              | 41+50.00                     | 44.12                   | 1.40              | 41+50.00                      | 55.02                   | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |
| 42+00.00                                                       | 52.30                   | 1.70              | 42+00.00                     | 35.05                   | 0.69              | 42+00.00                      | 55.87                   | 0                 |                           |                         |                   |                                                                                                                                                                                                                                                 |  |                     |  |



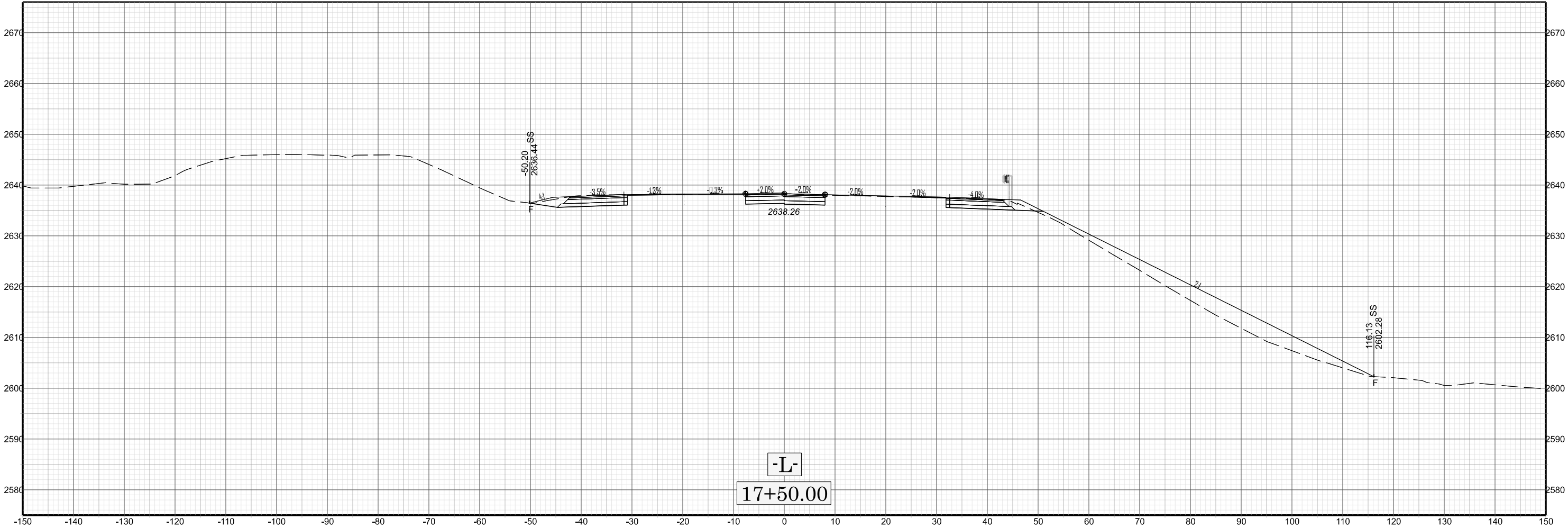
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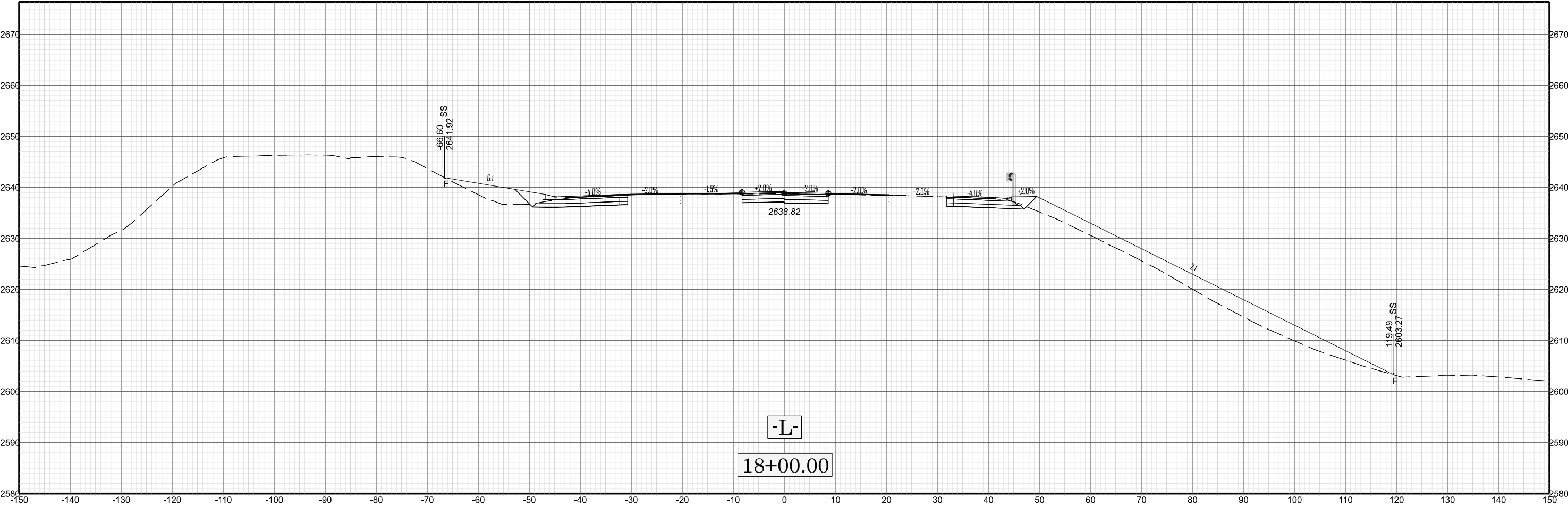
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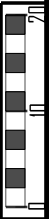
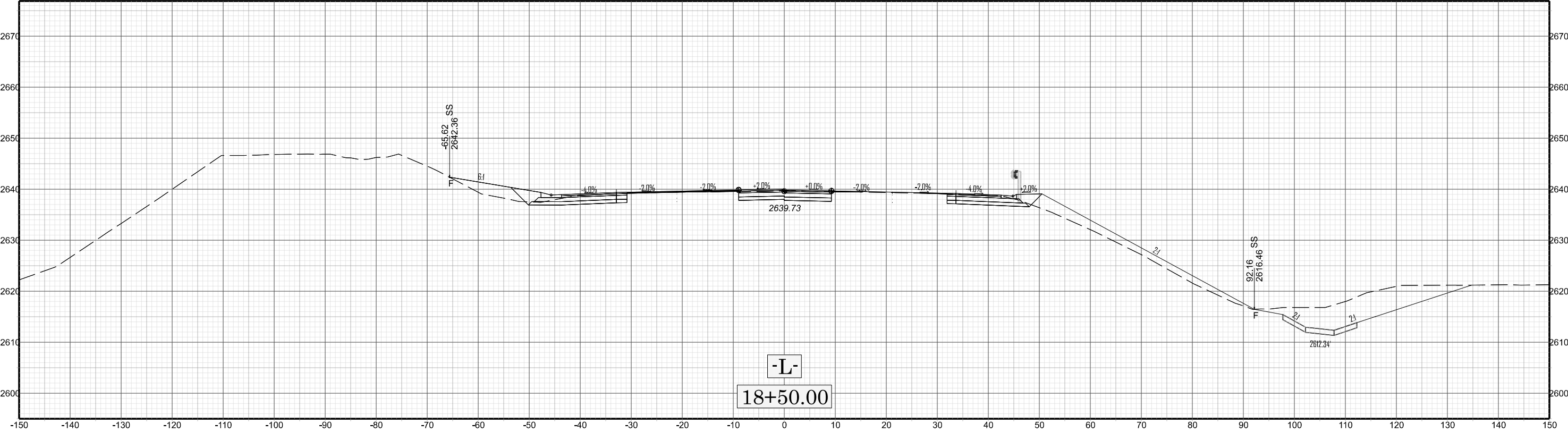


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B-554

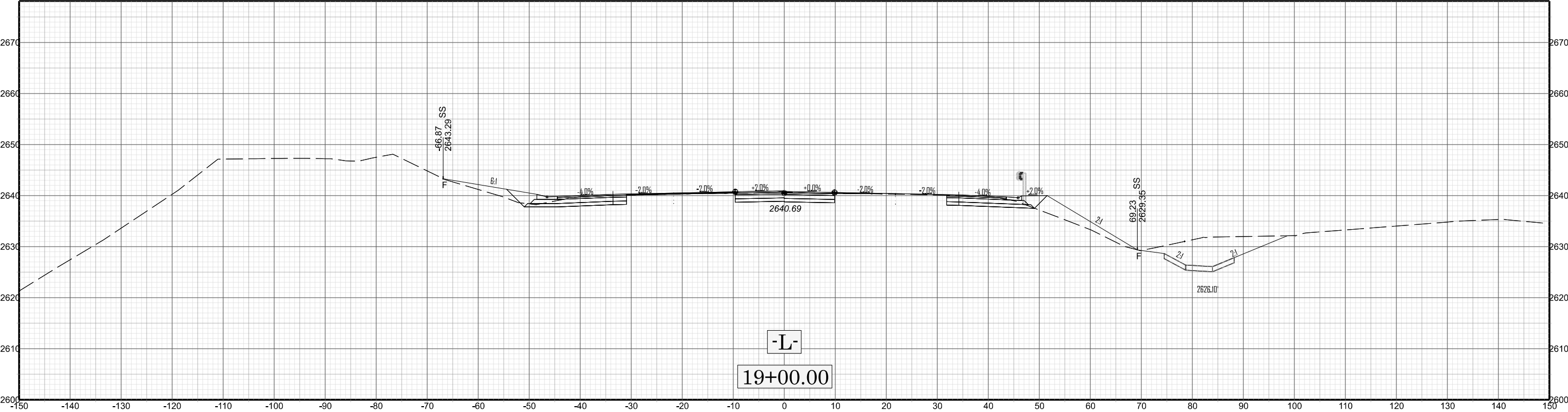


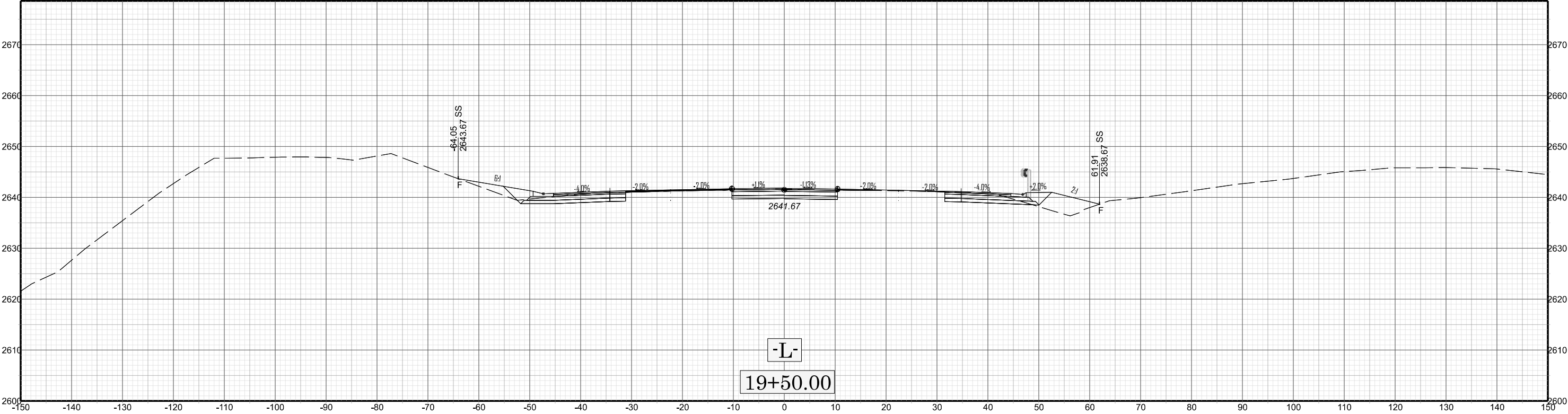


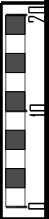
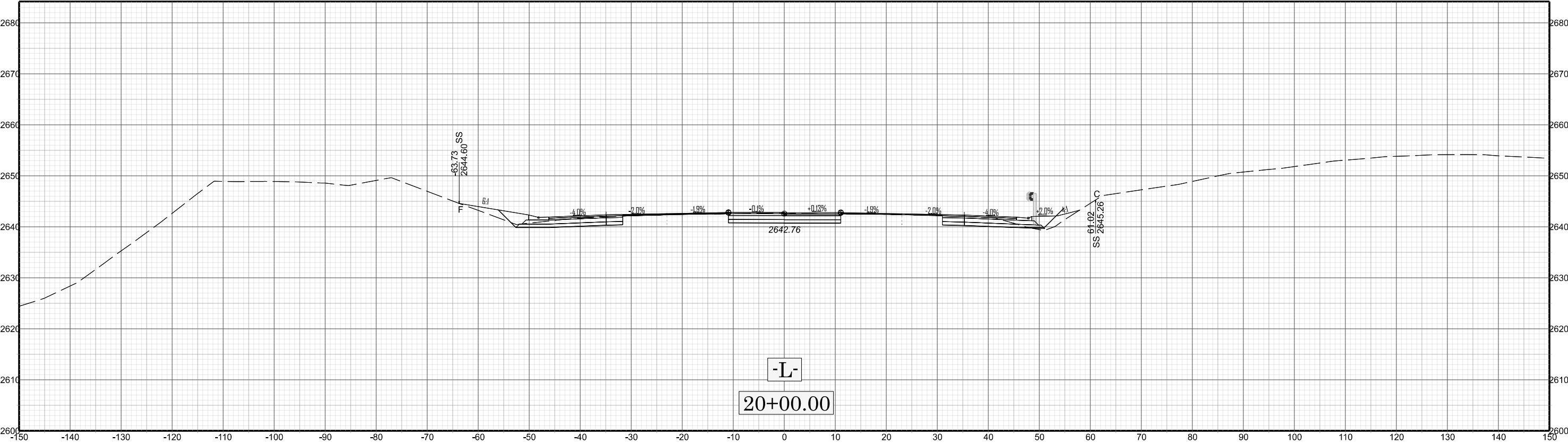


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B-5541

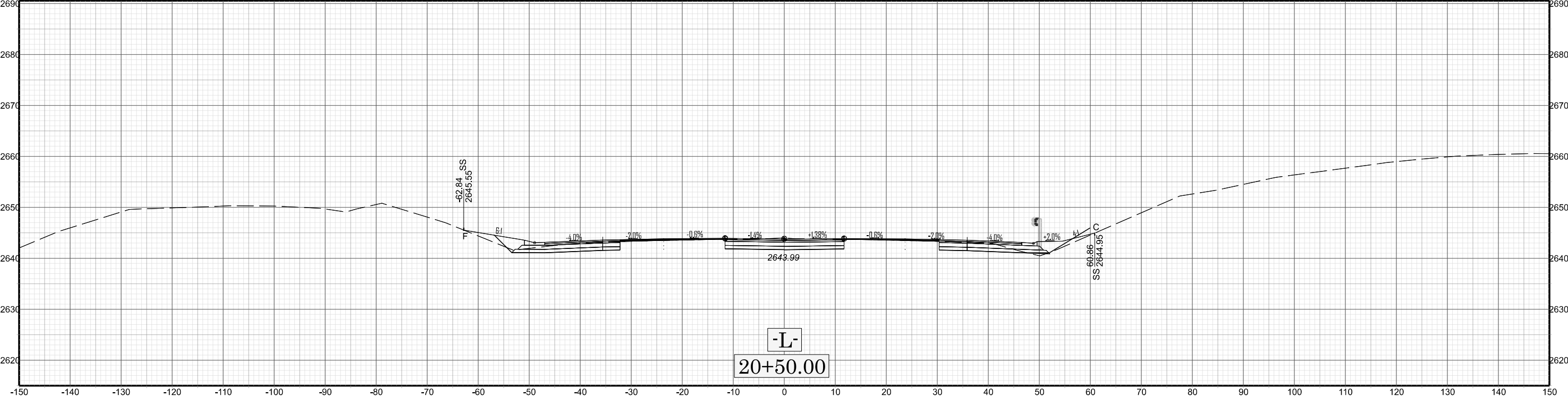


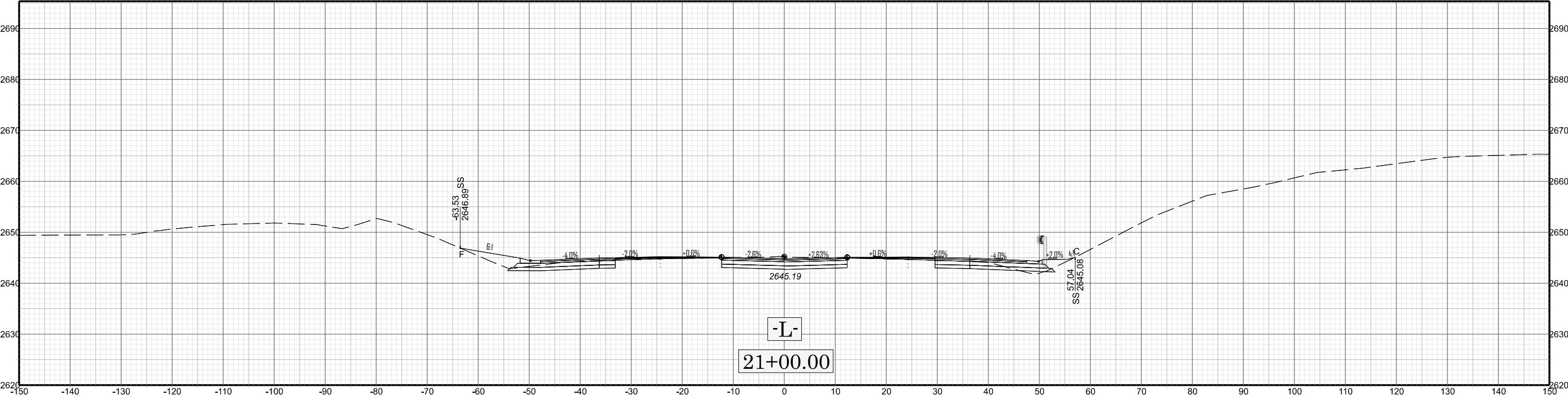


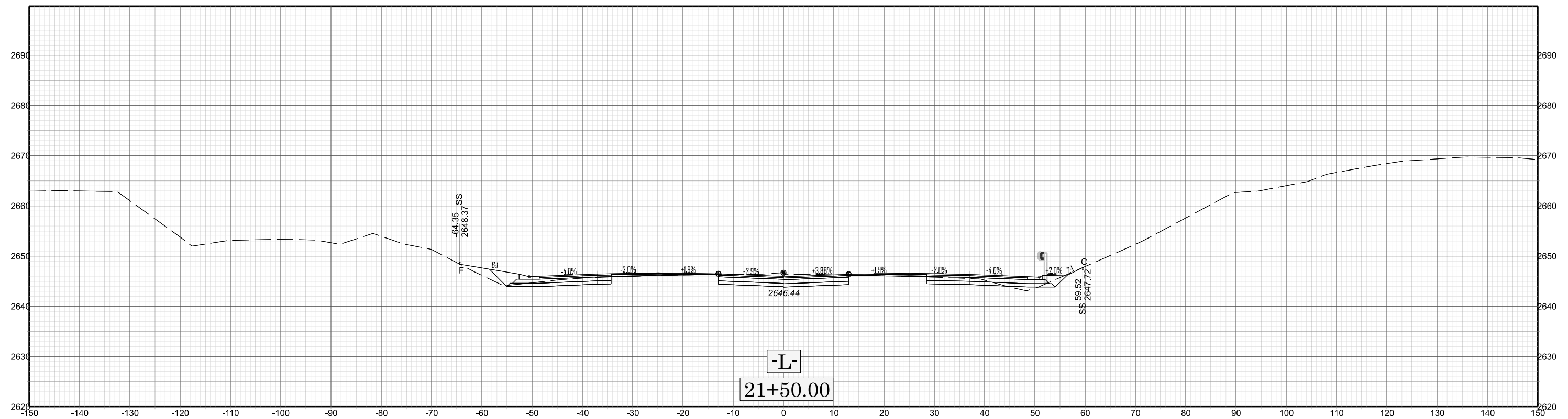


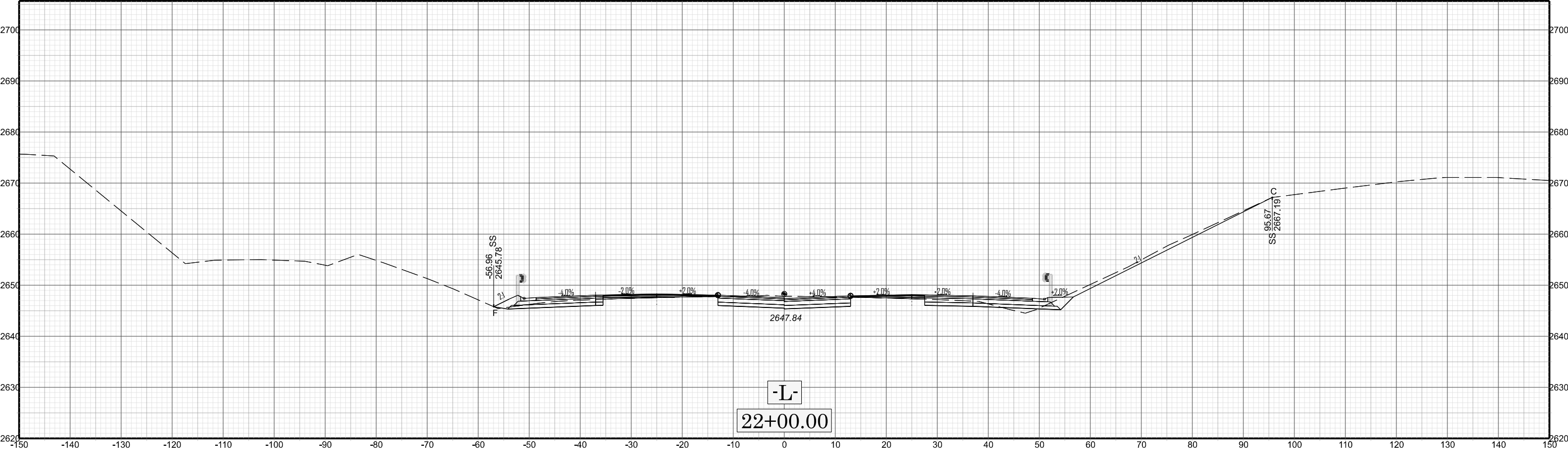
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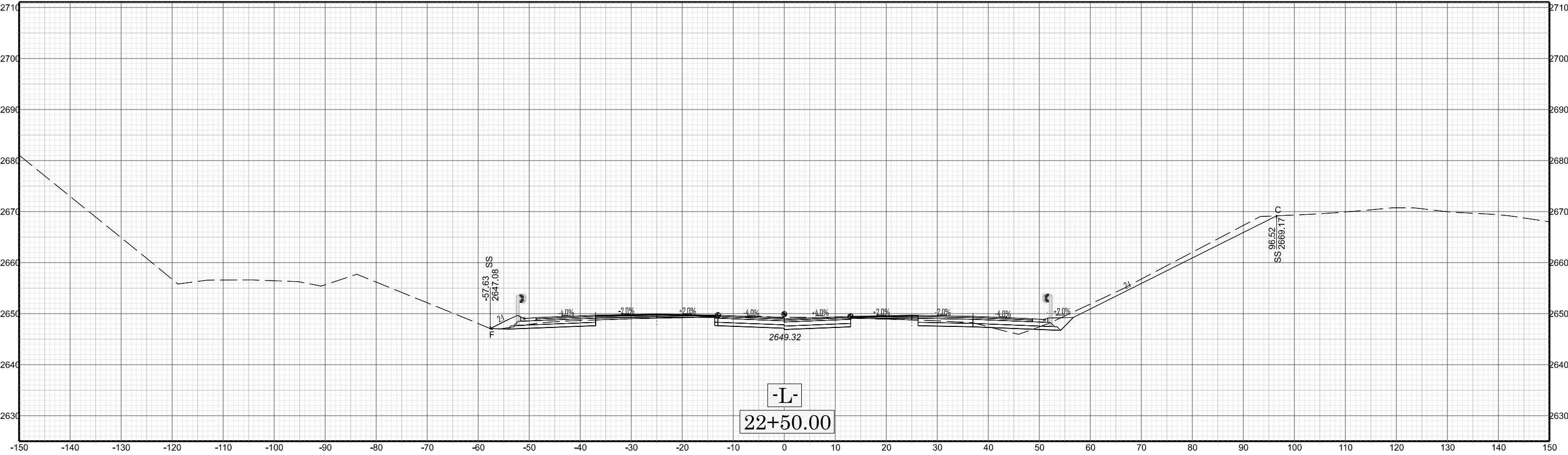
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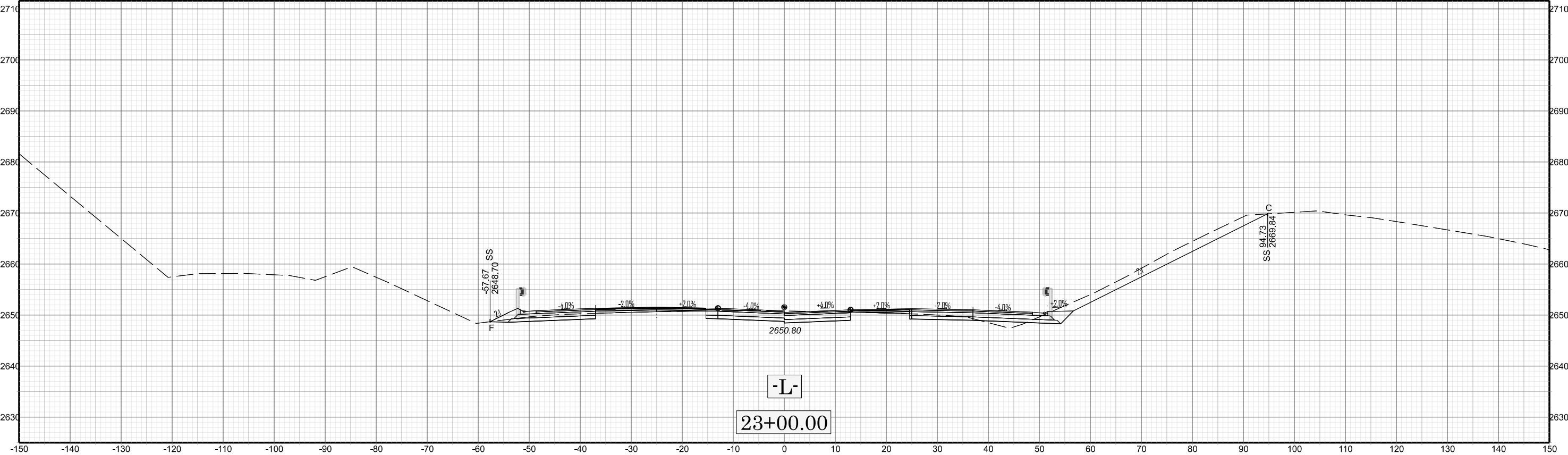


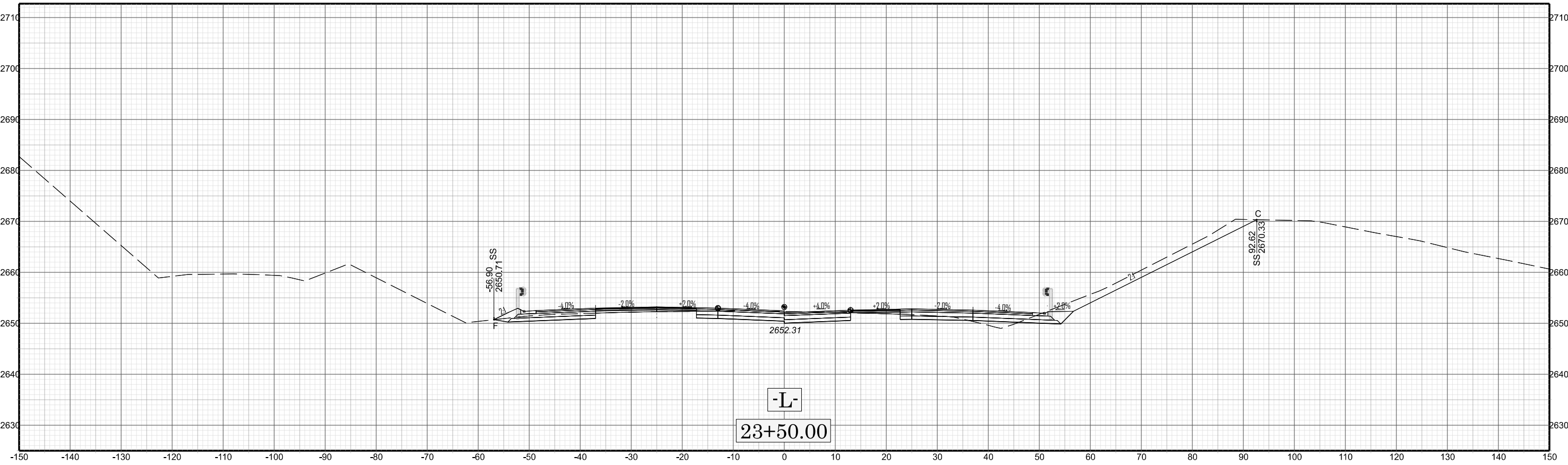


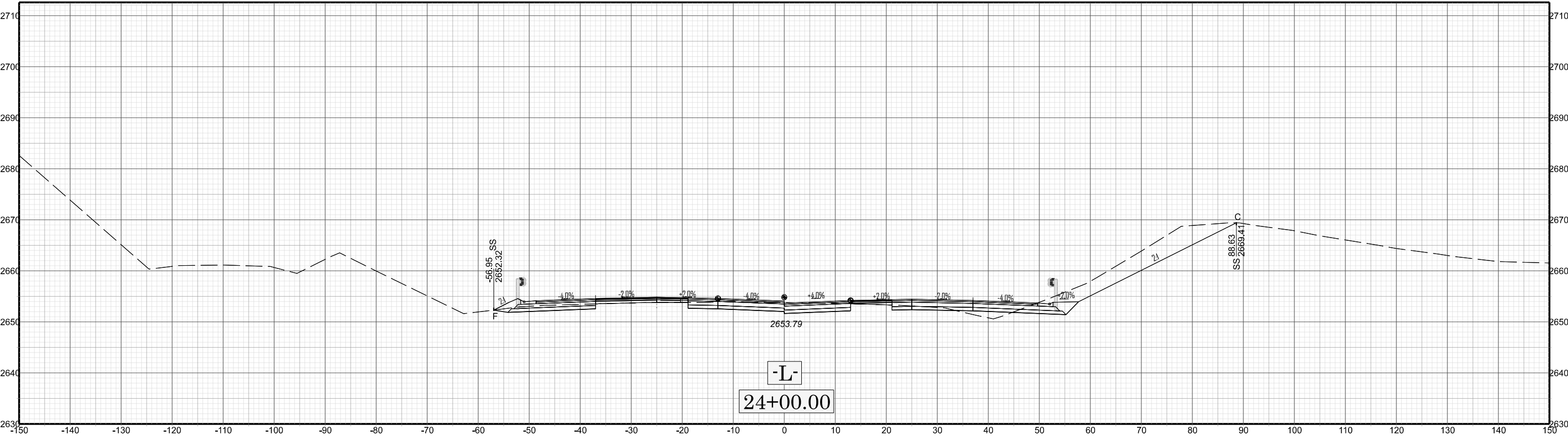


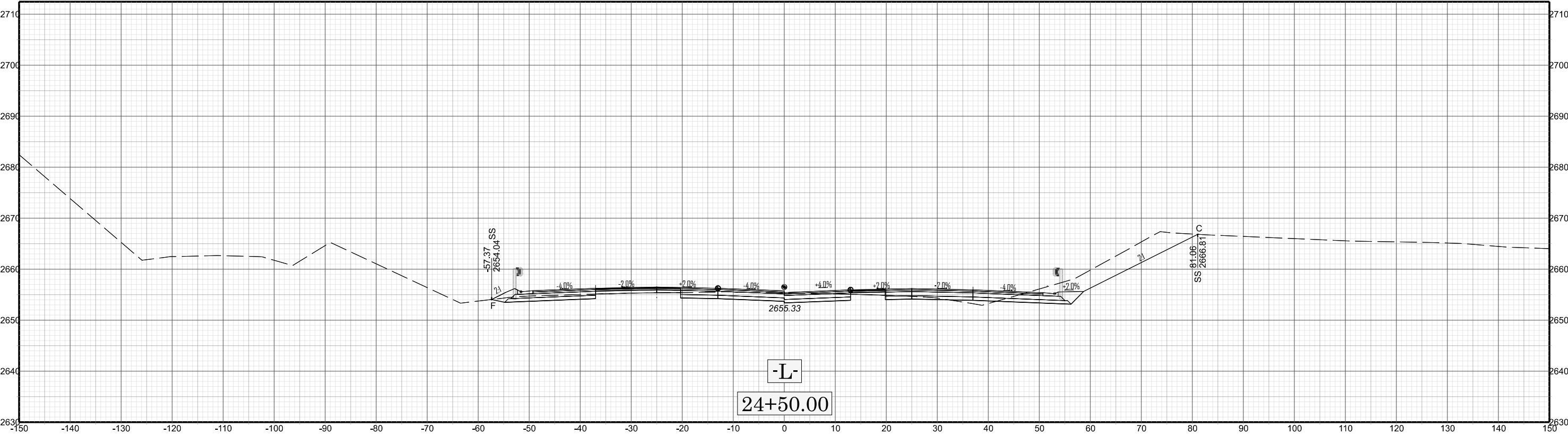


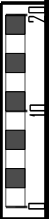
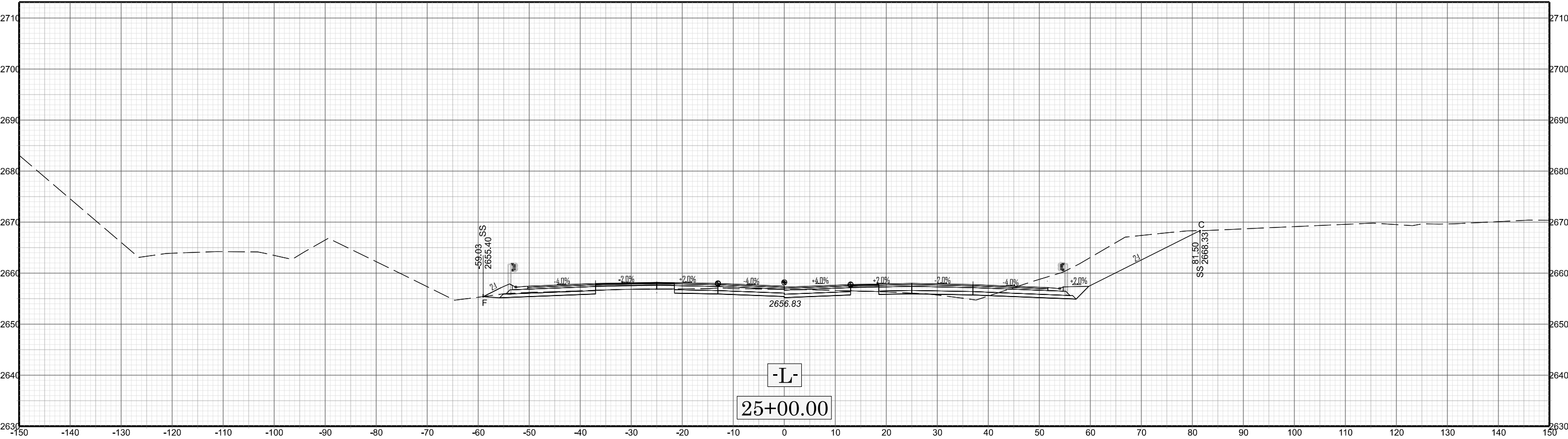






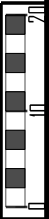
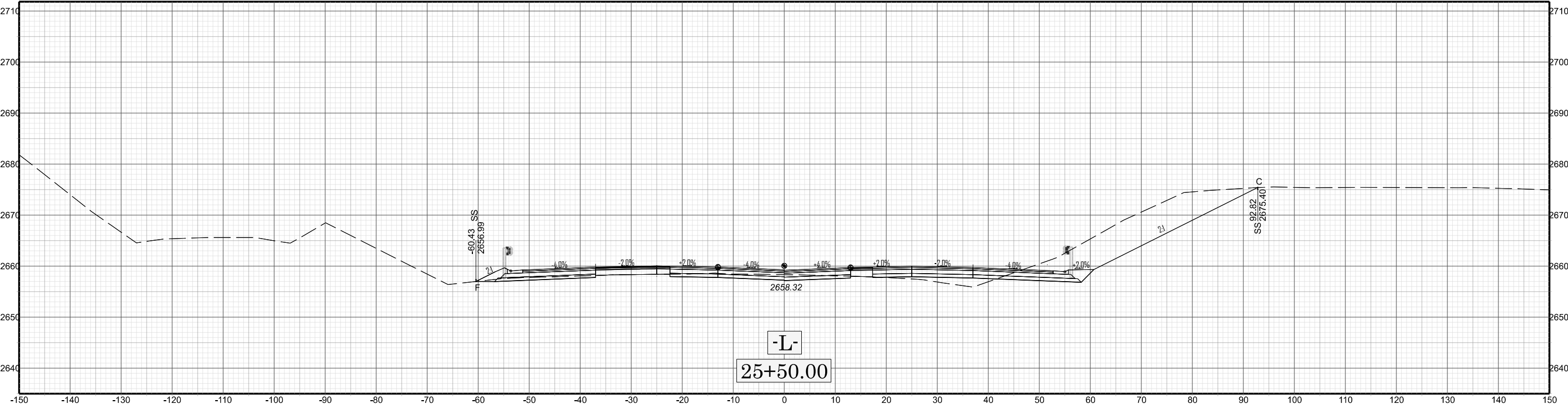






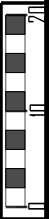
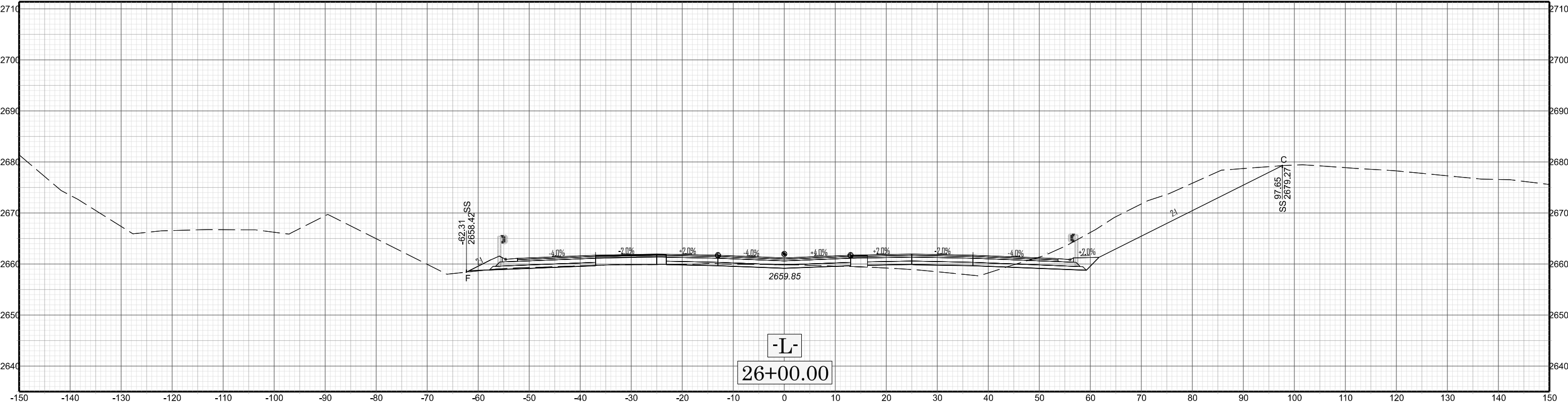
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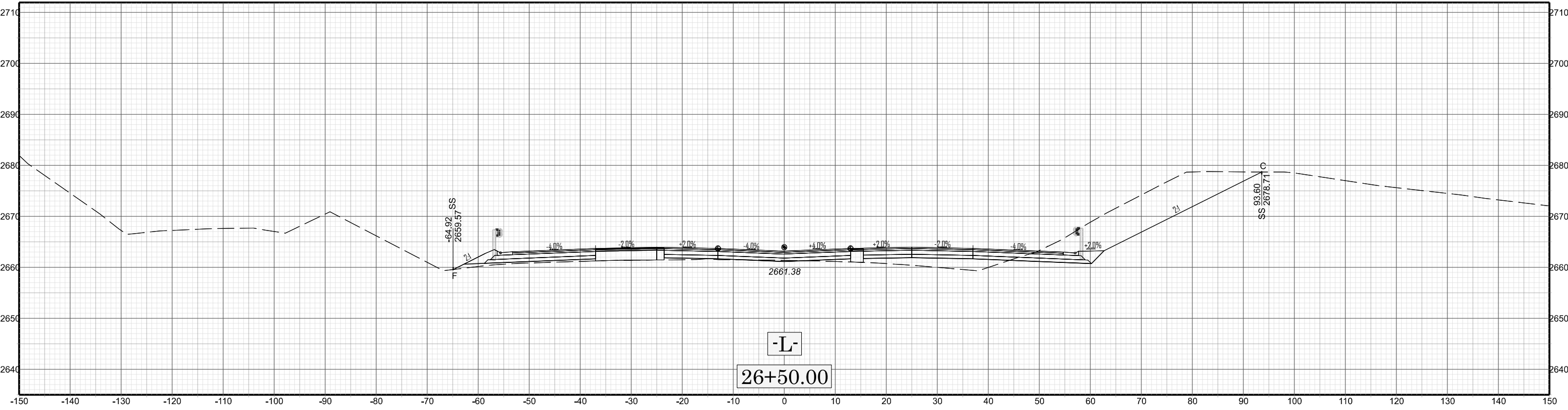
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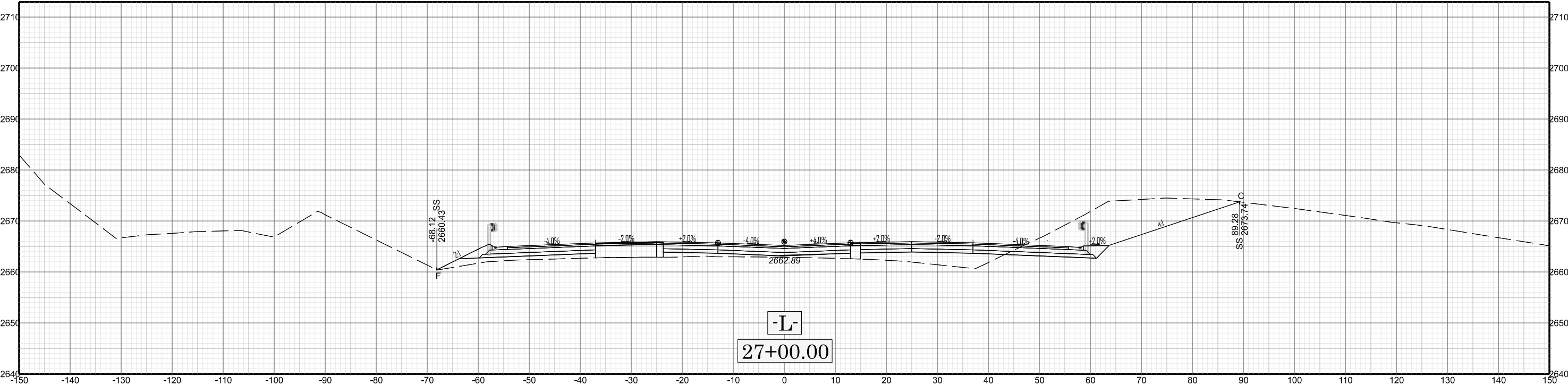
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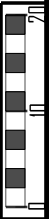
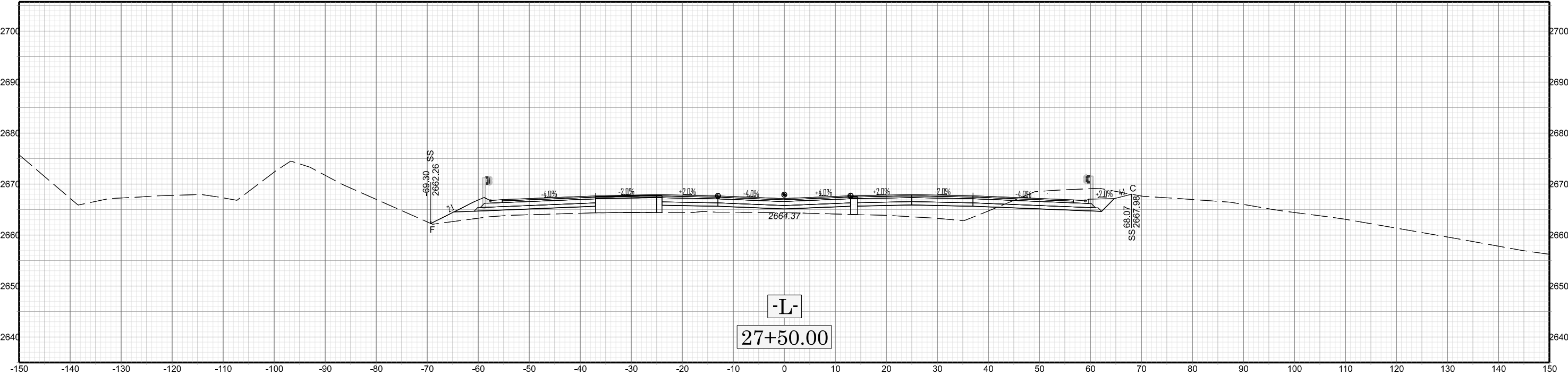


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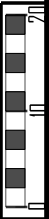
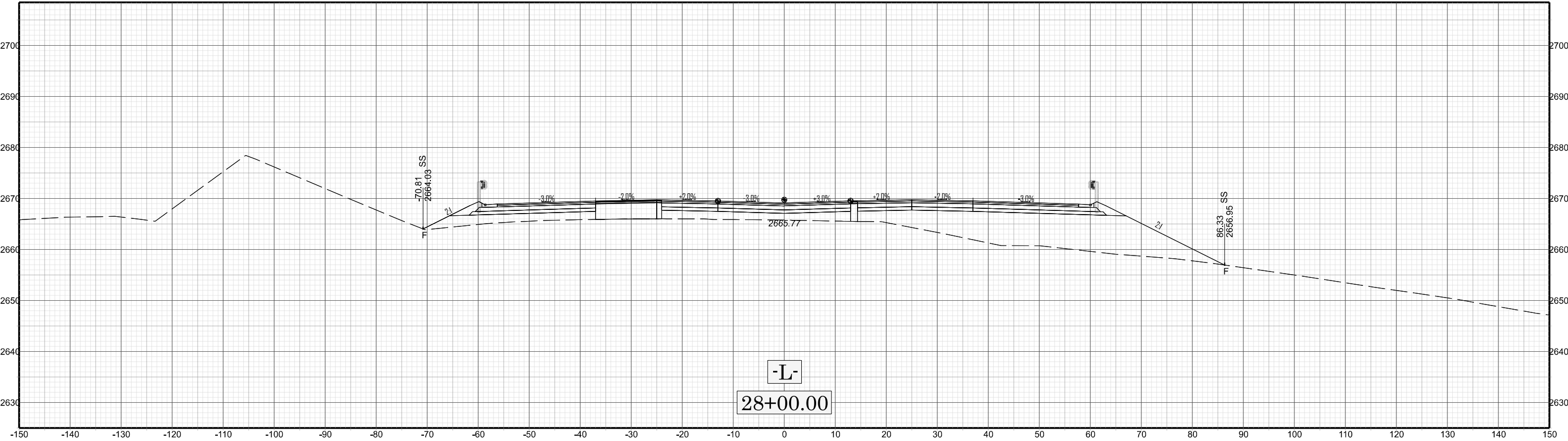






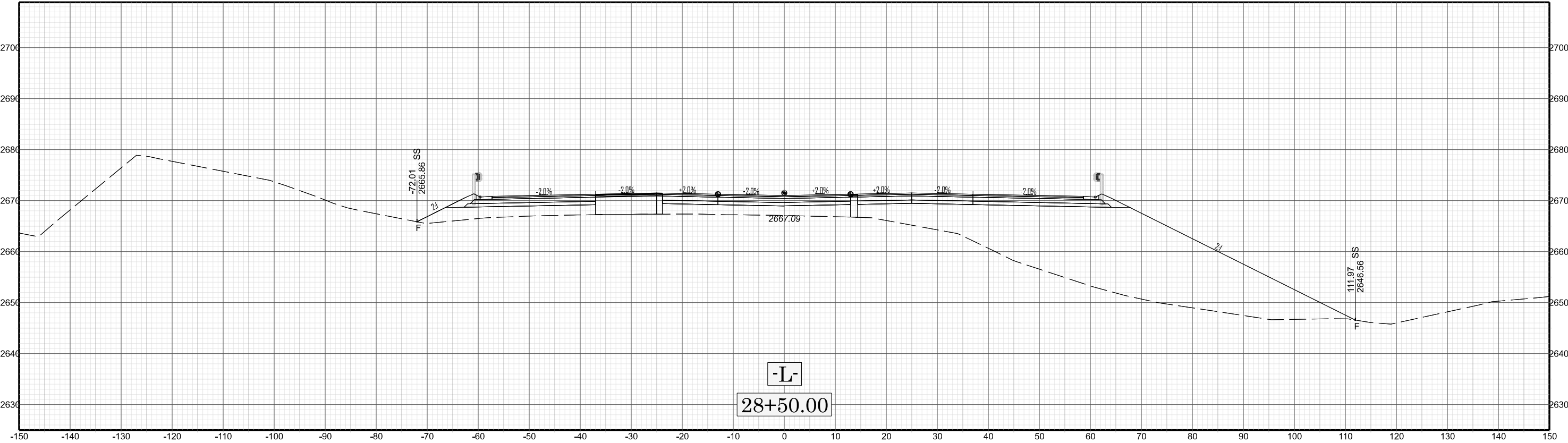
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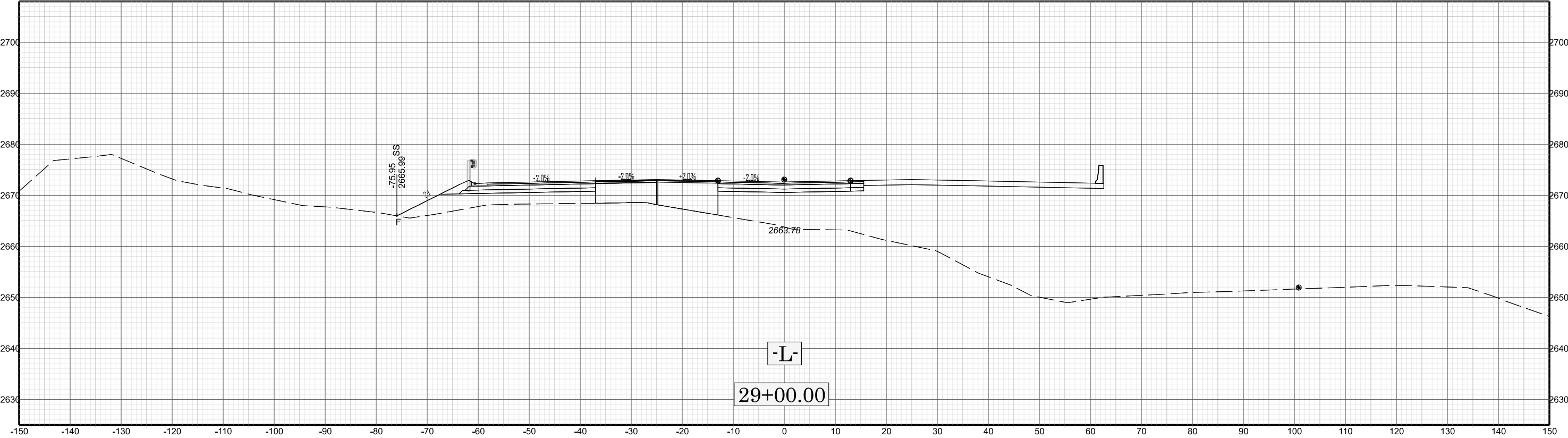
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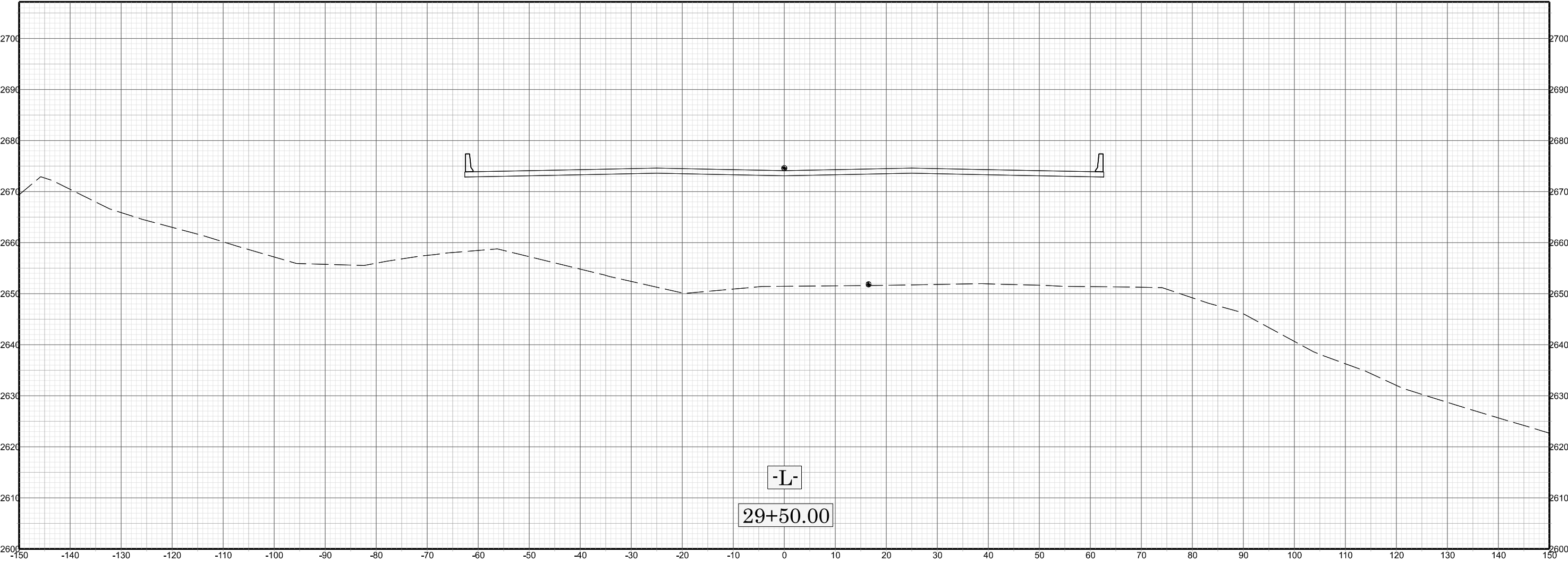


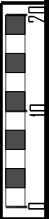
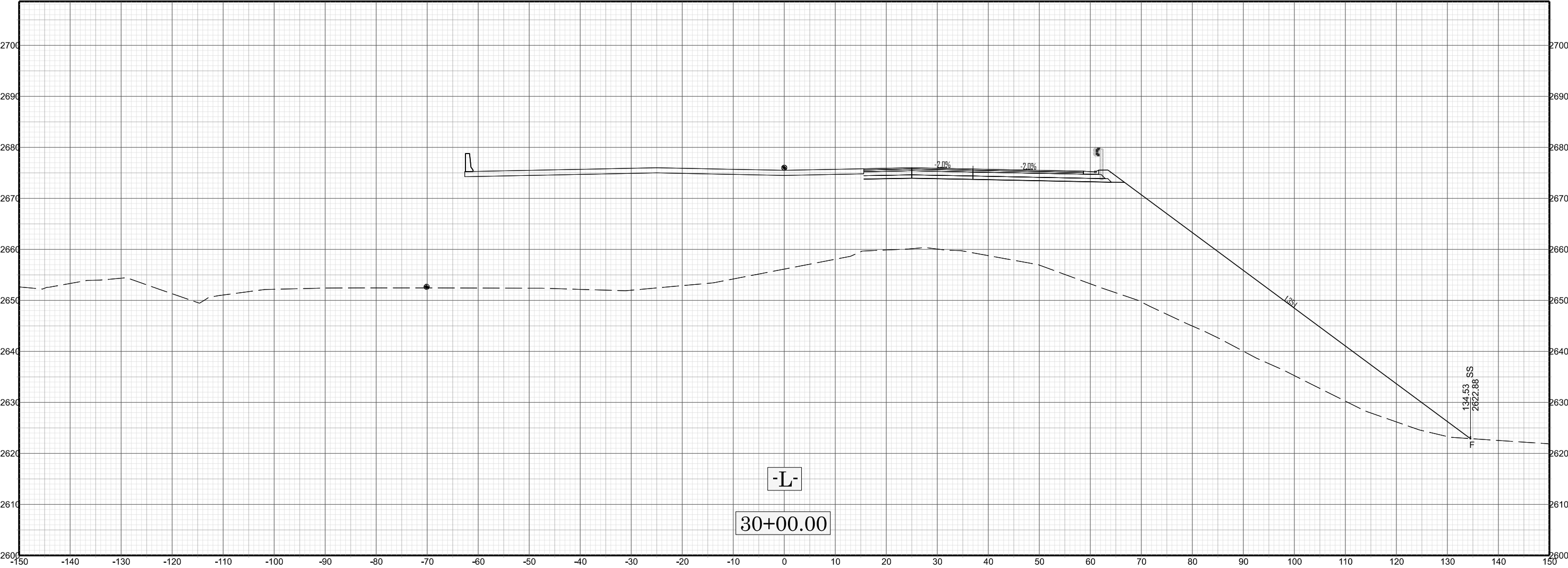
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B-5541





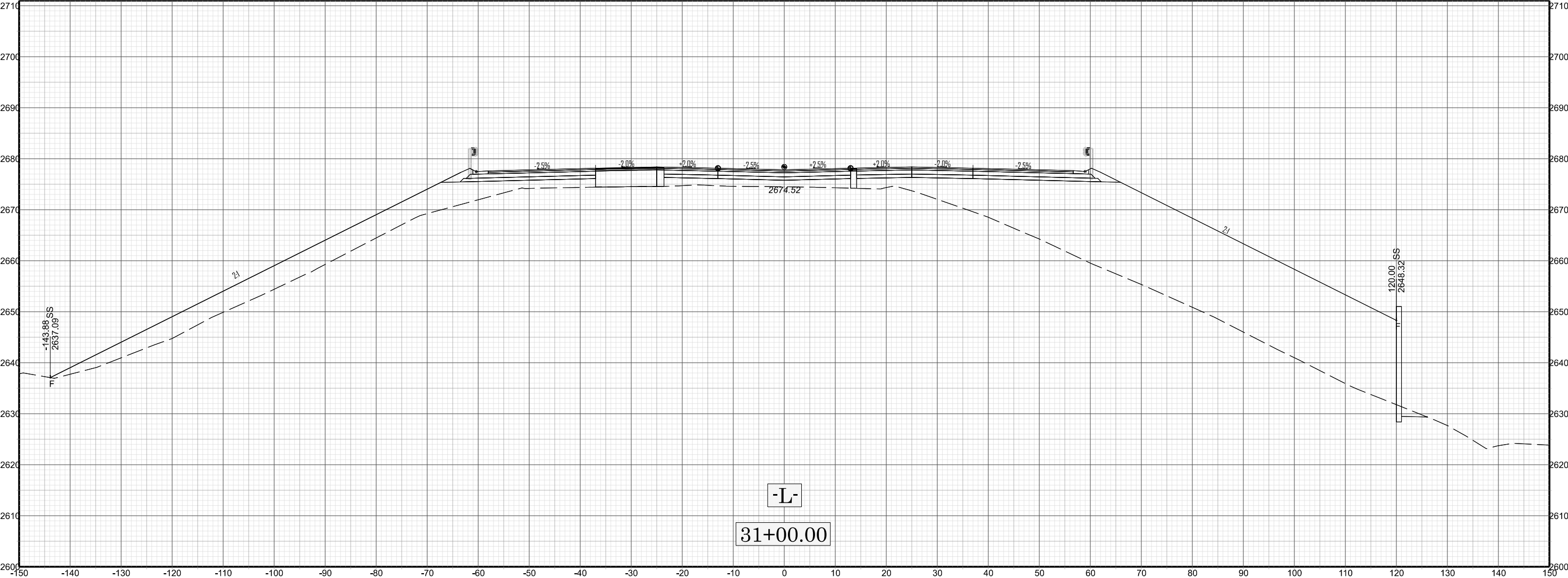




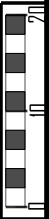
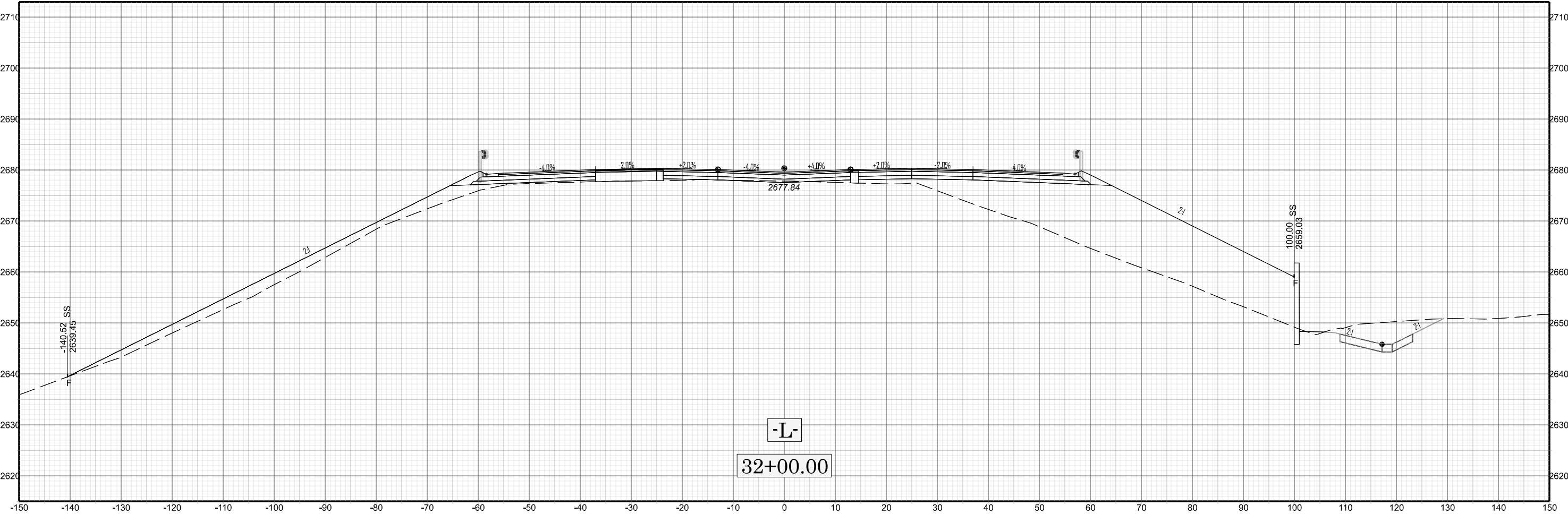
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B-5541



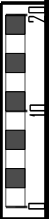
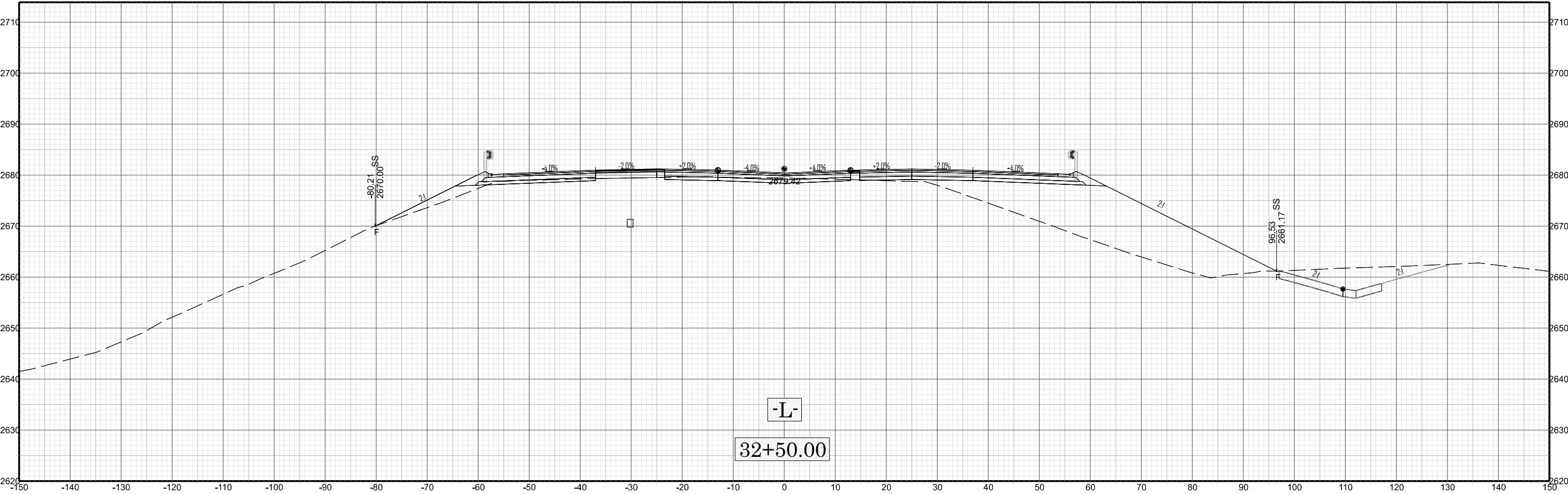






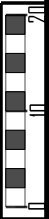
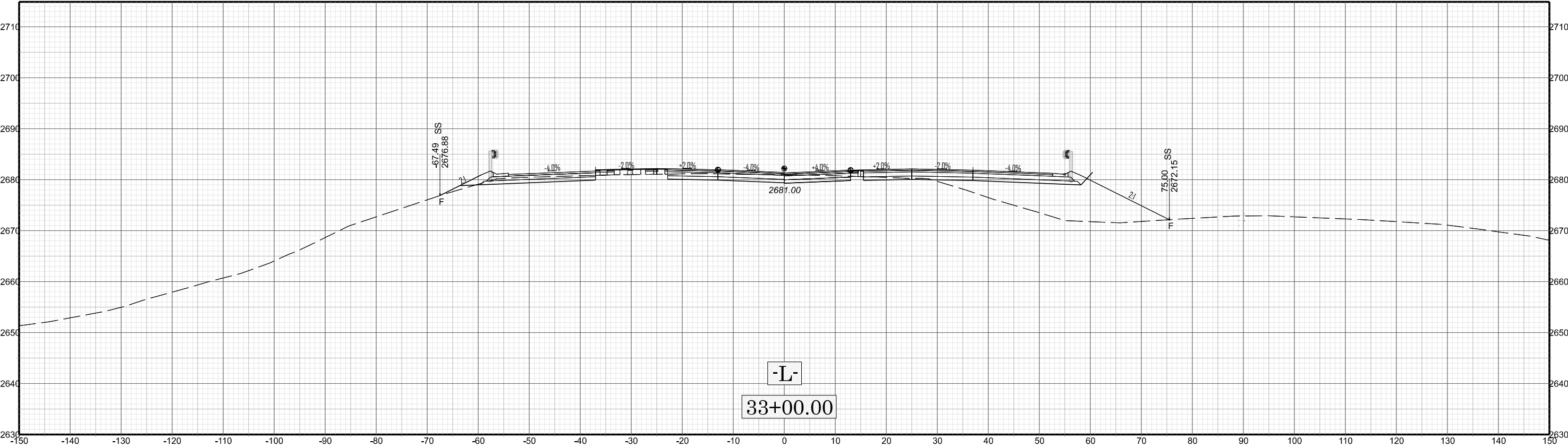
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B-5541



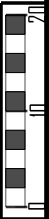
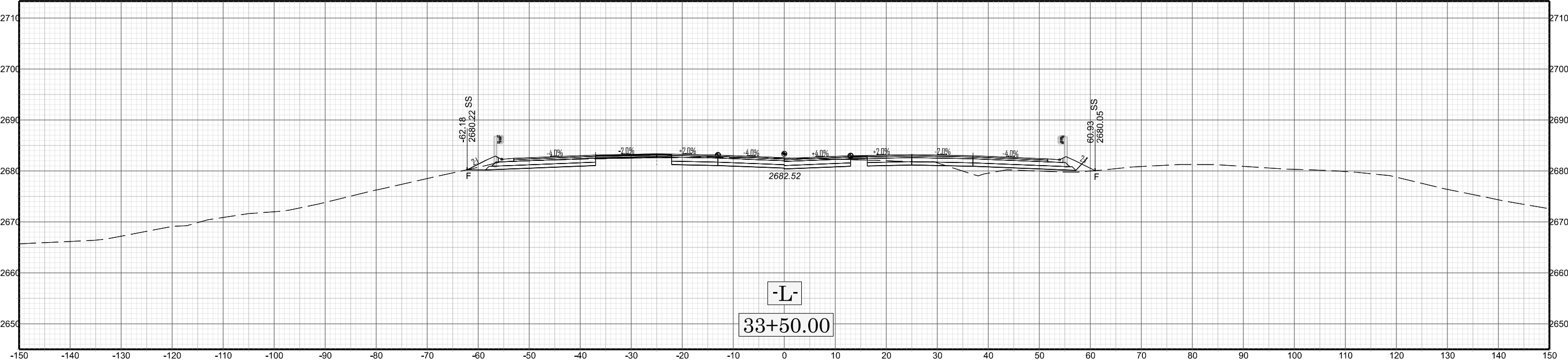
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B-5541



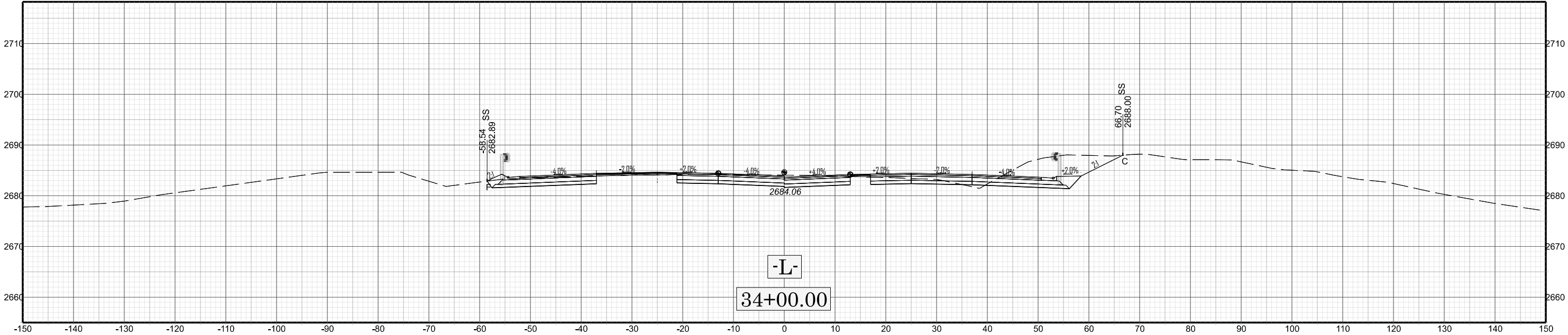
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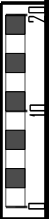
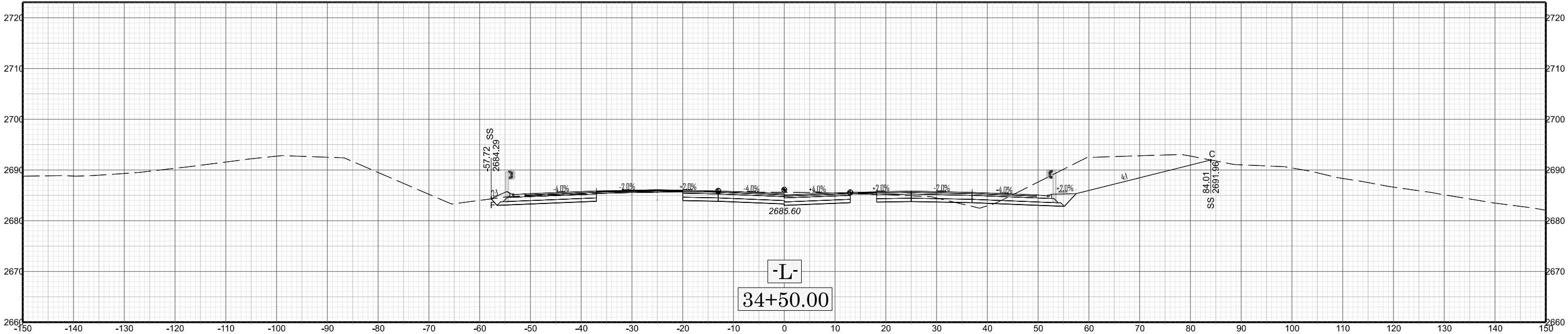
B-554



X 035

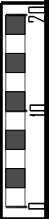
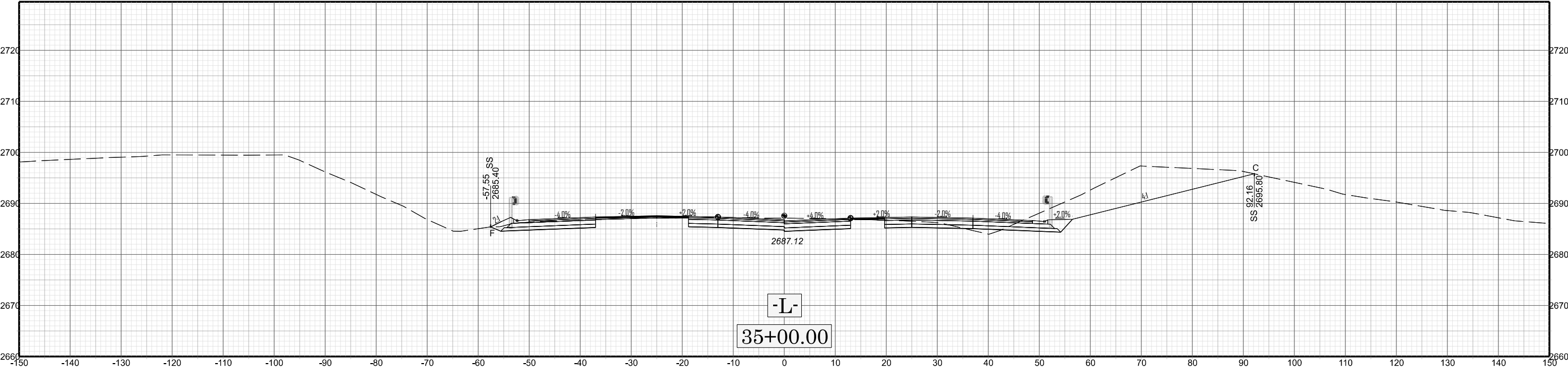
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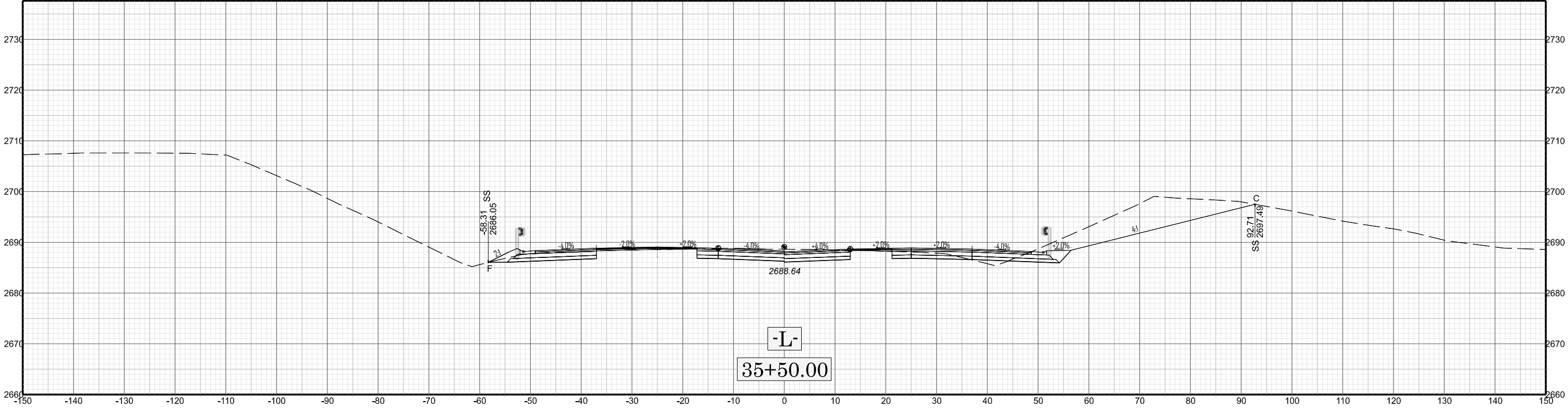
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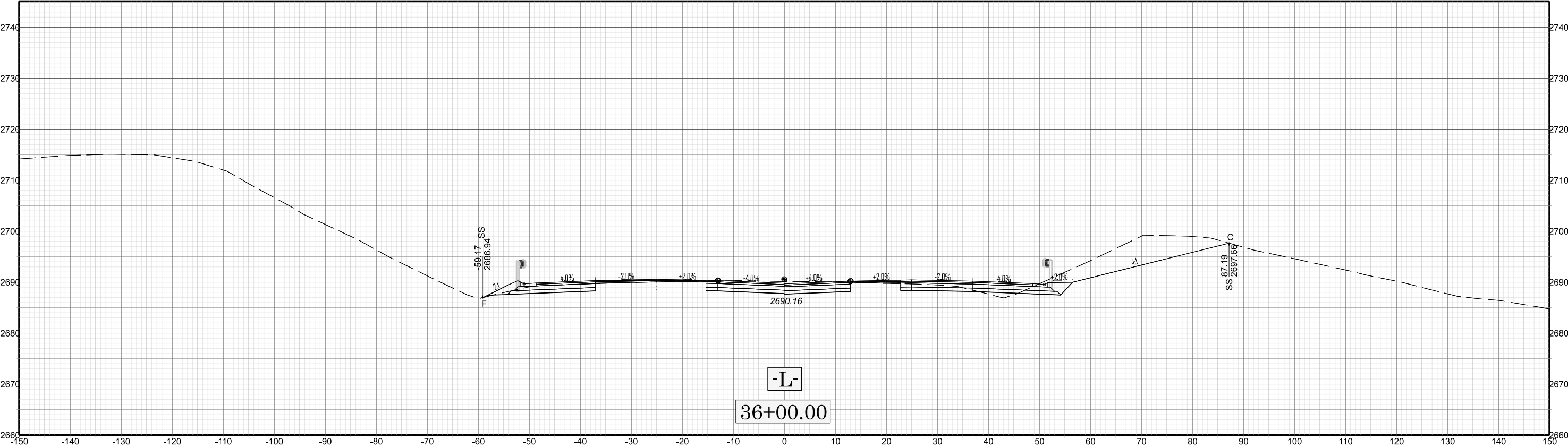
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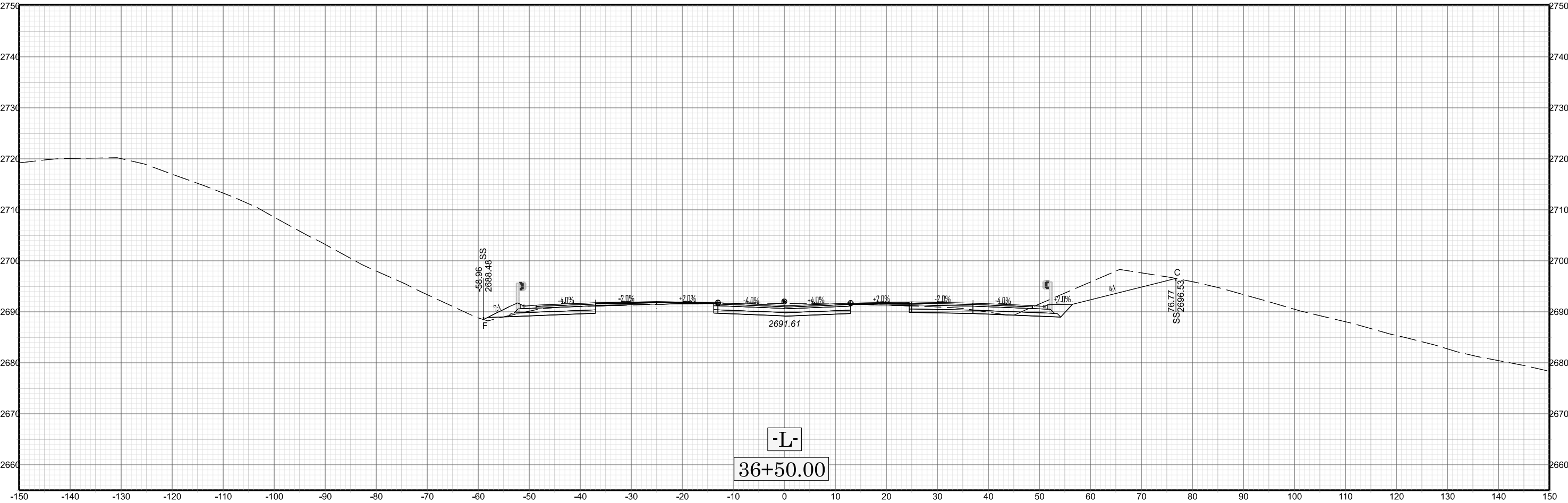


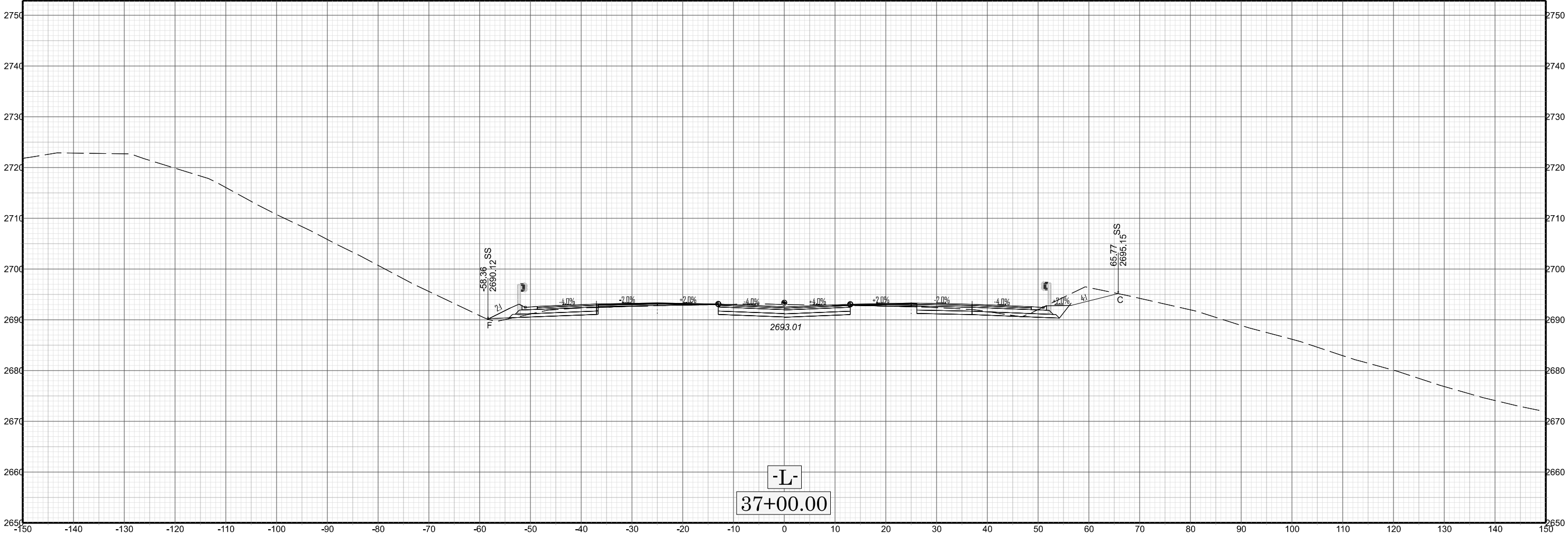
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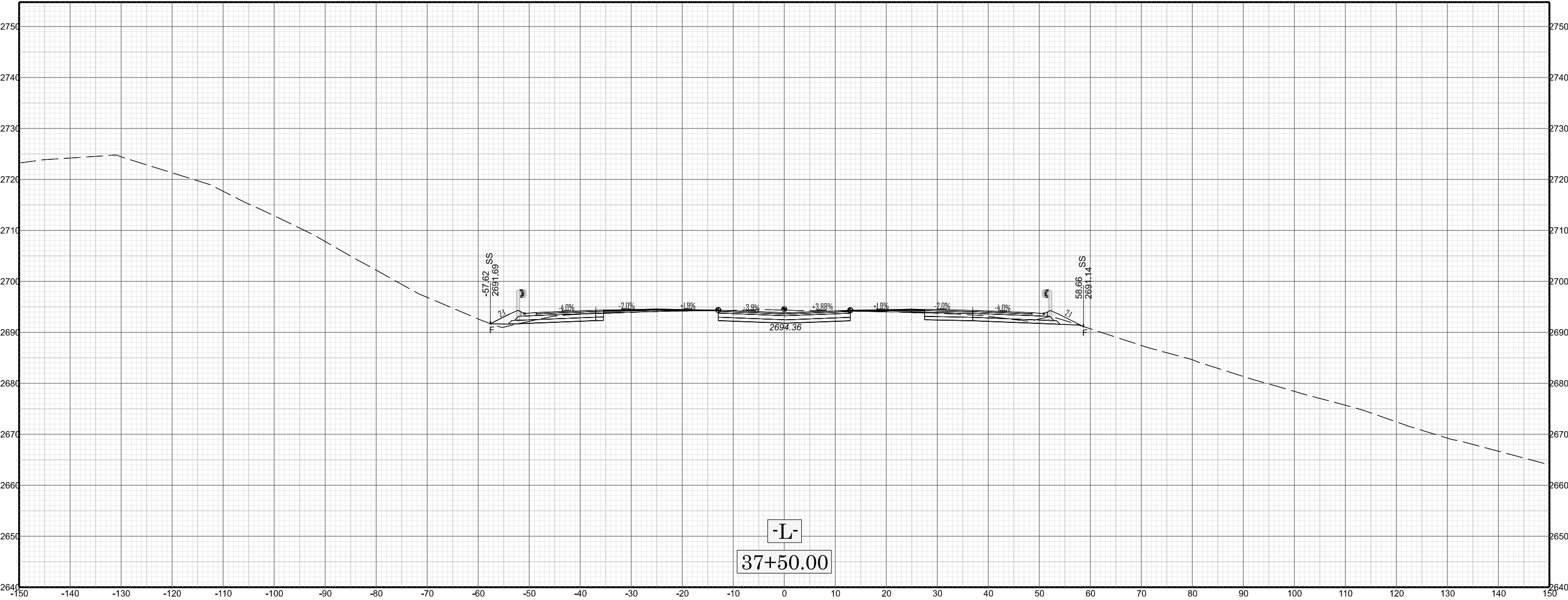
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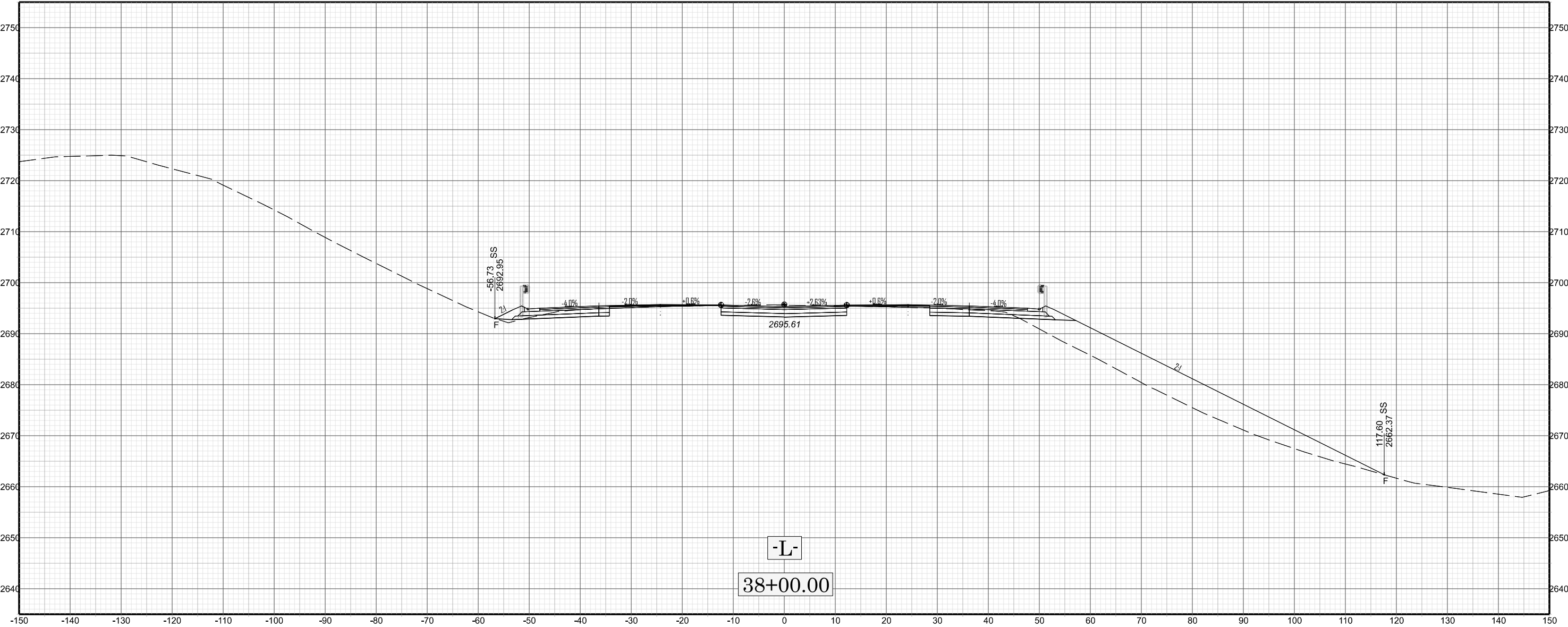


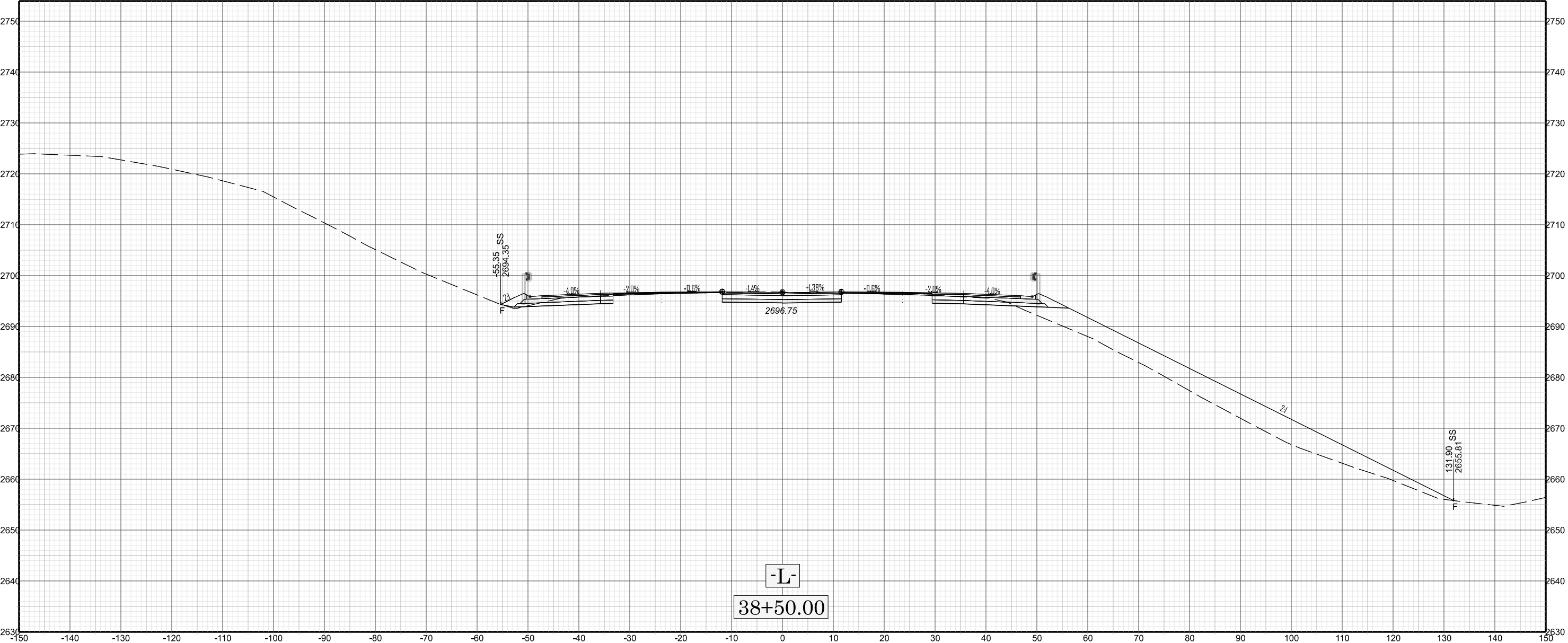


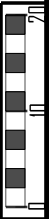
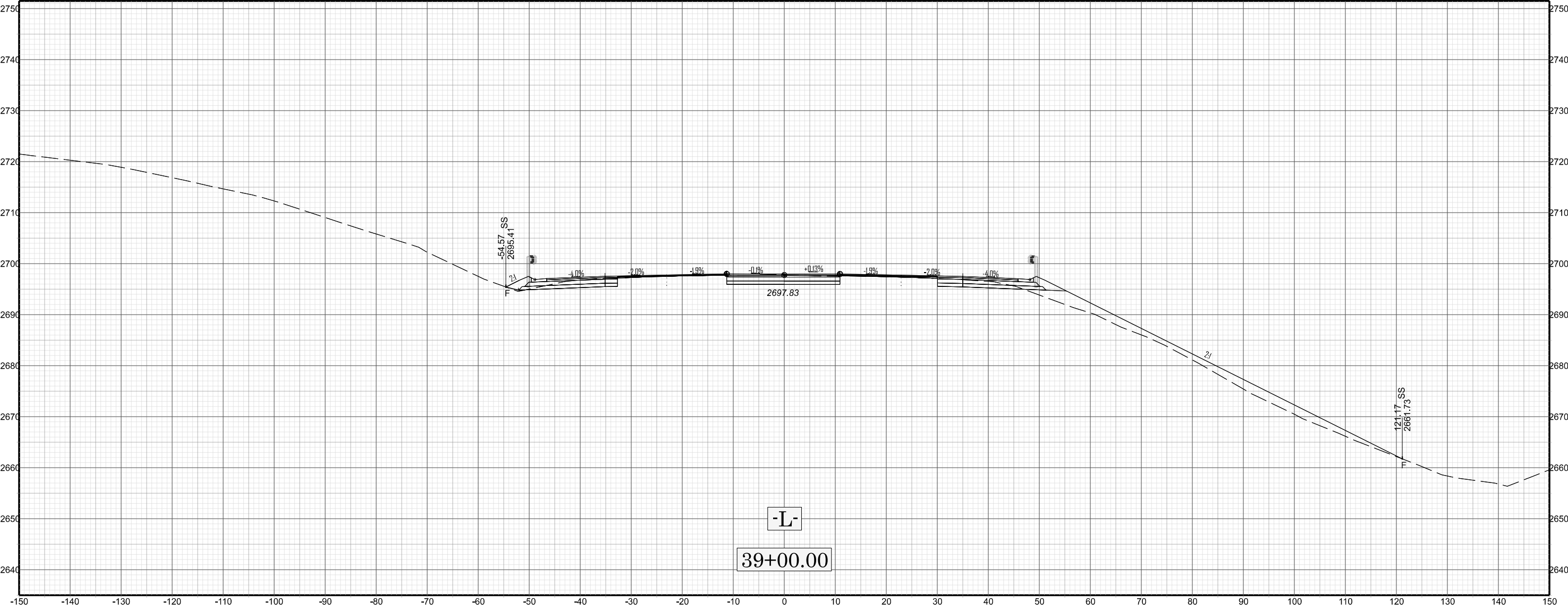






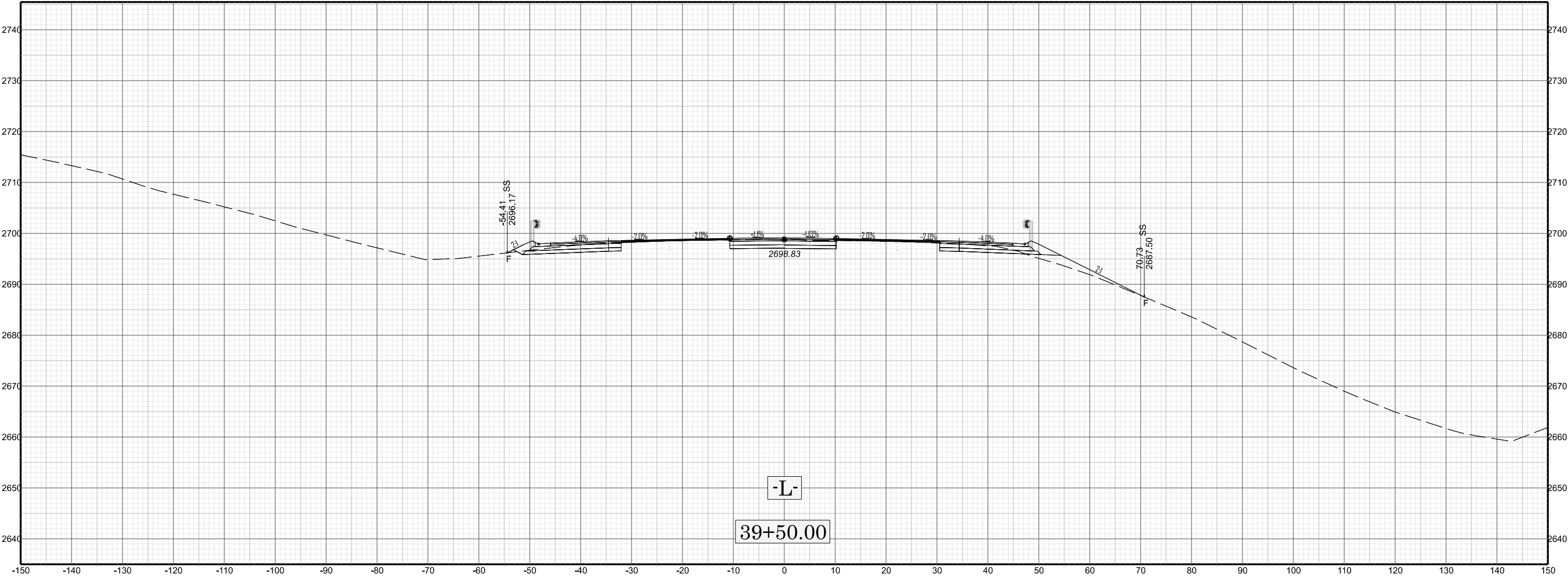


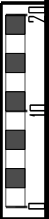
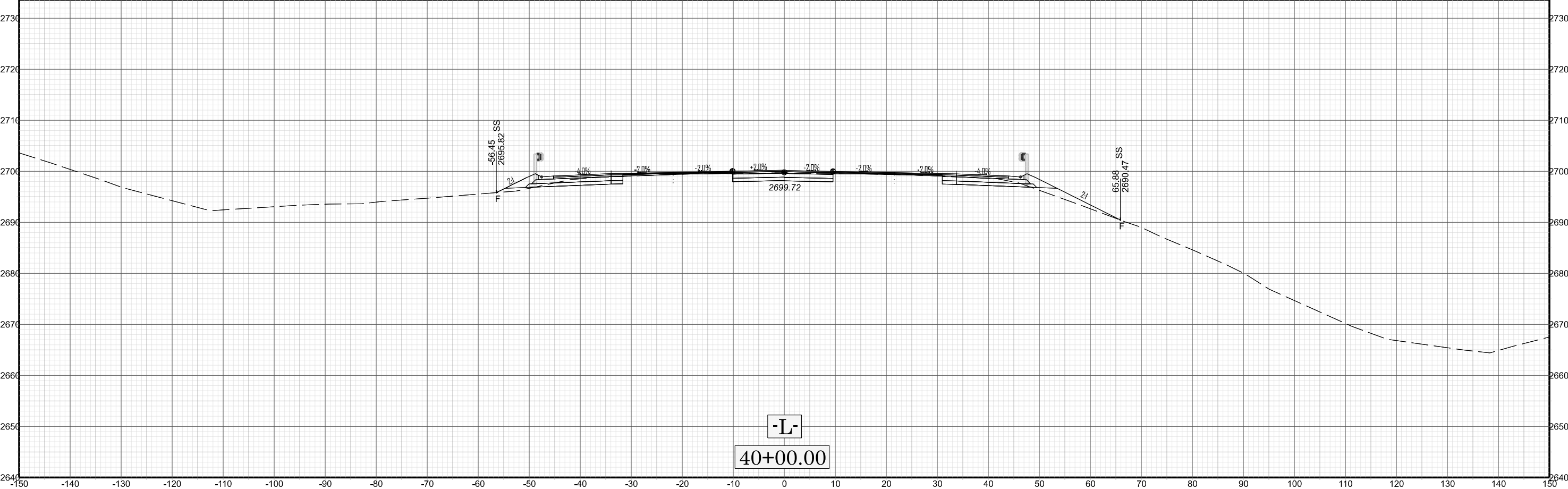




X 046

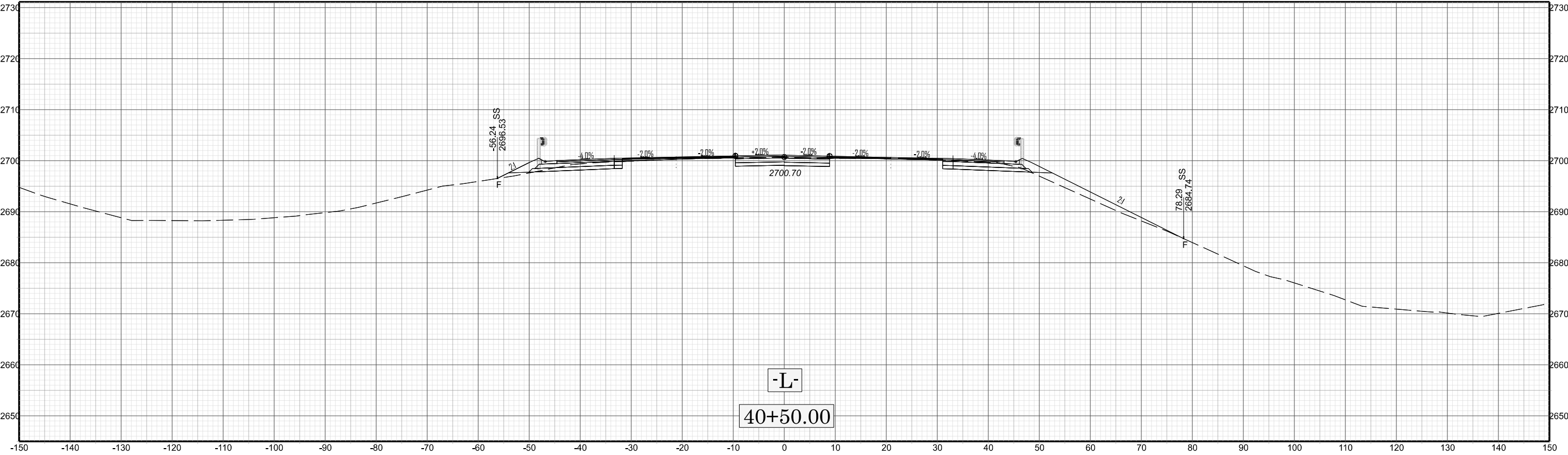
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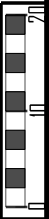
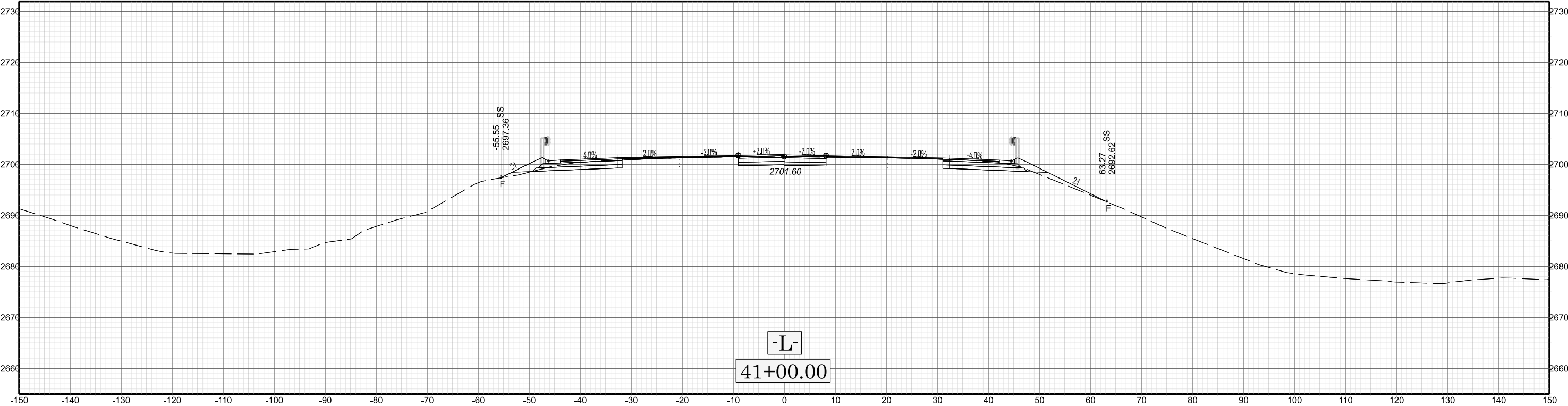




X 048

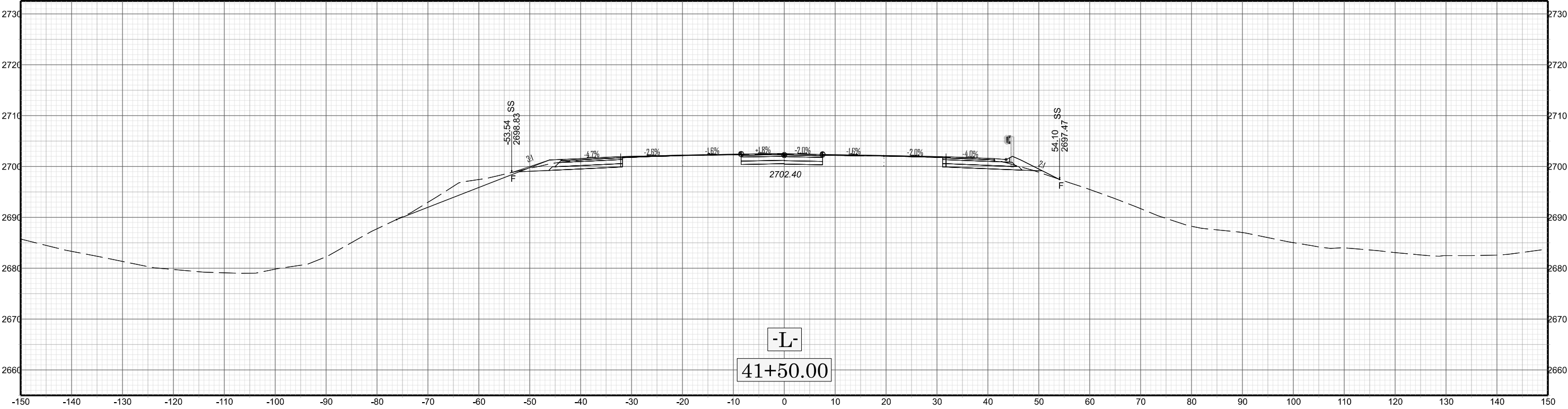
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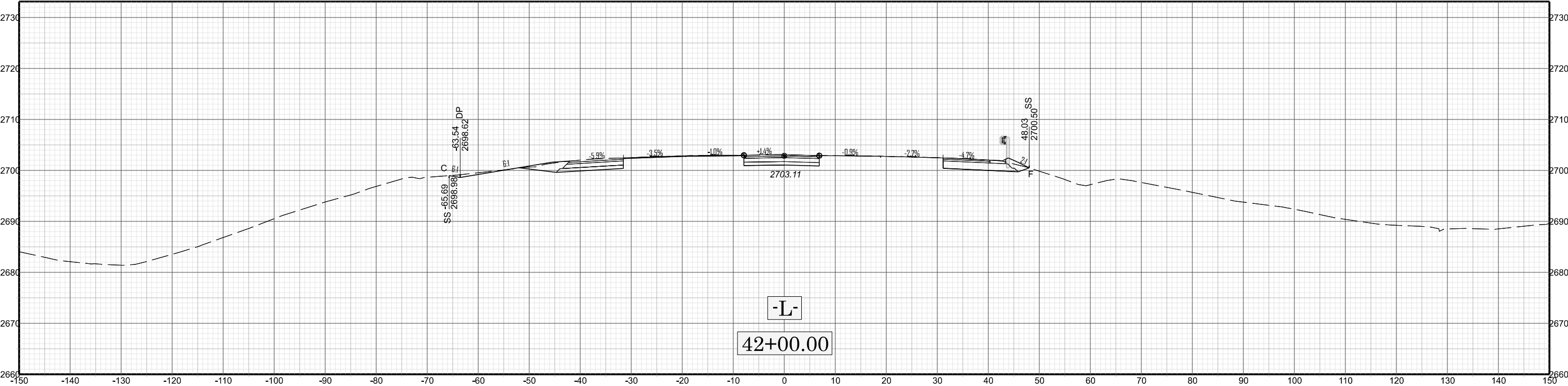


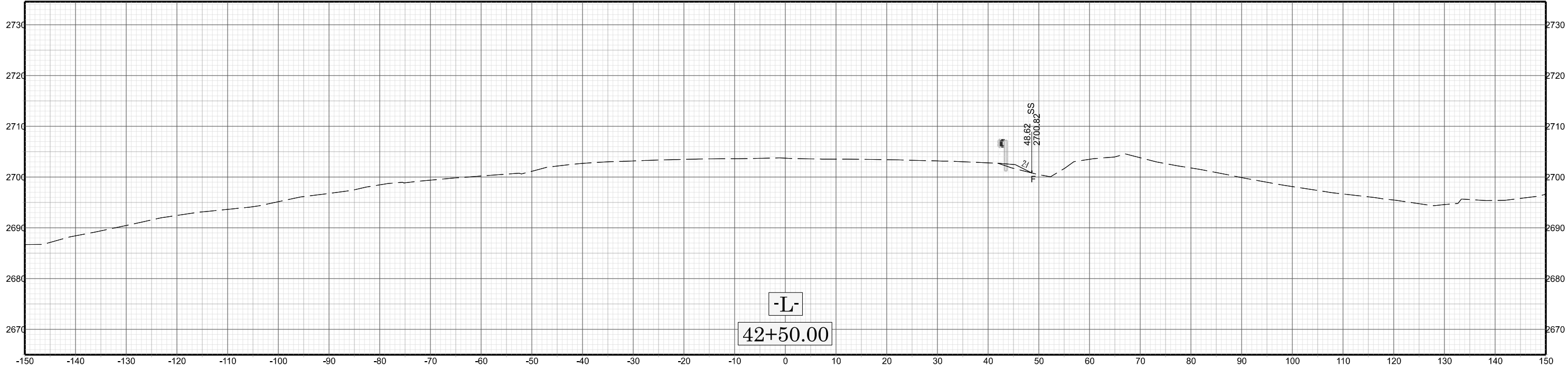


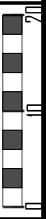
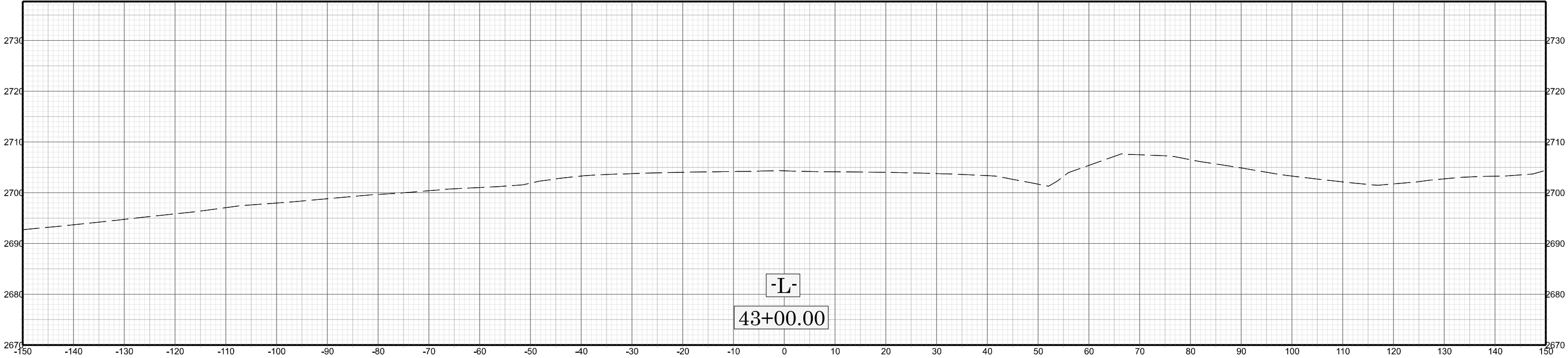
X 050

B-5541

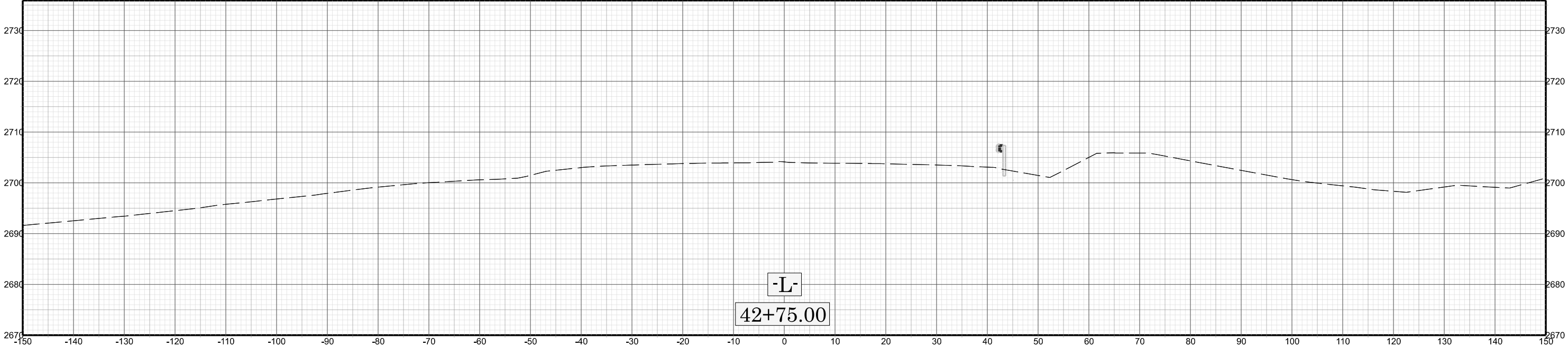




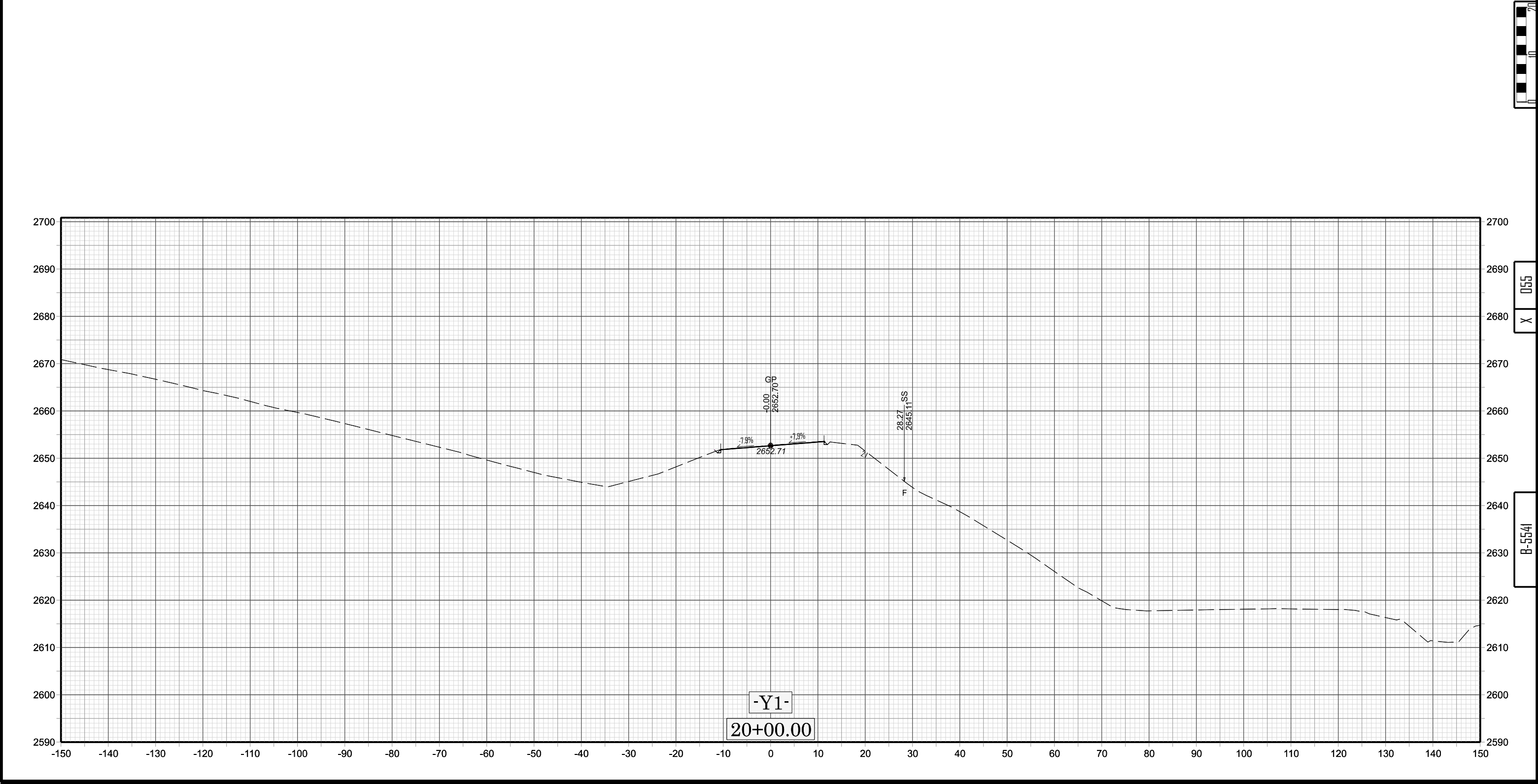


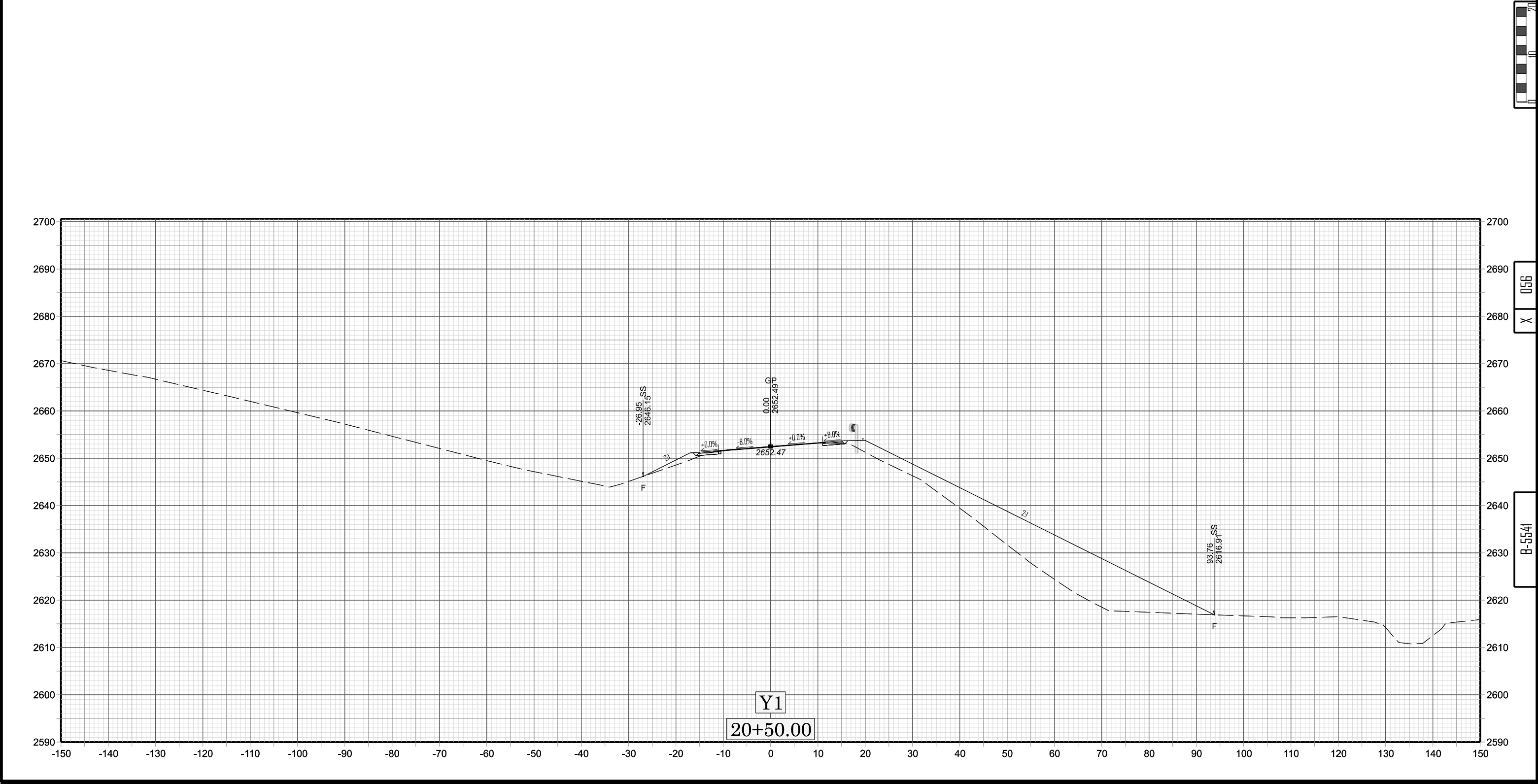


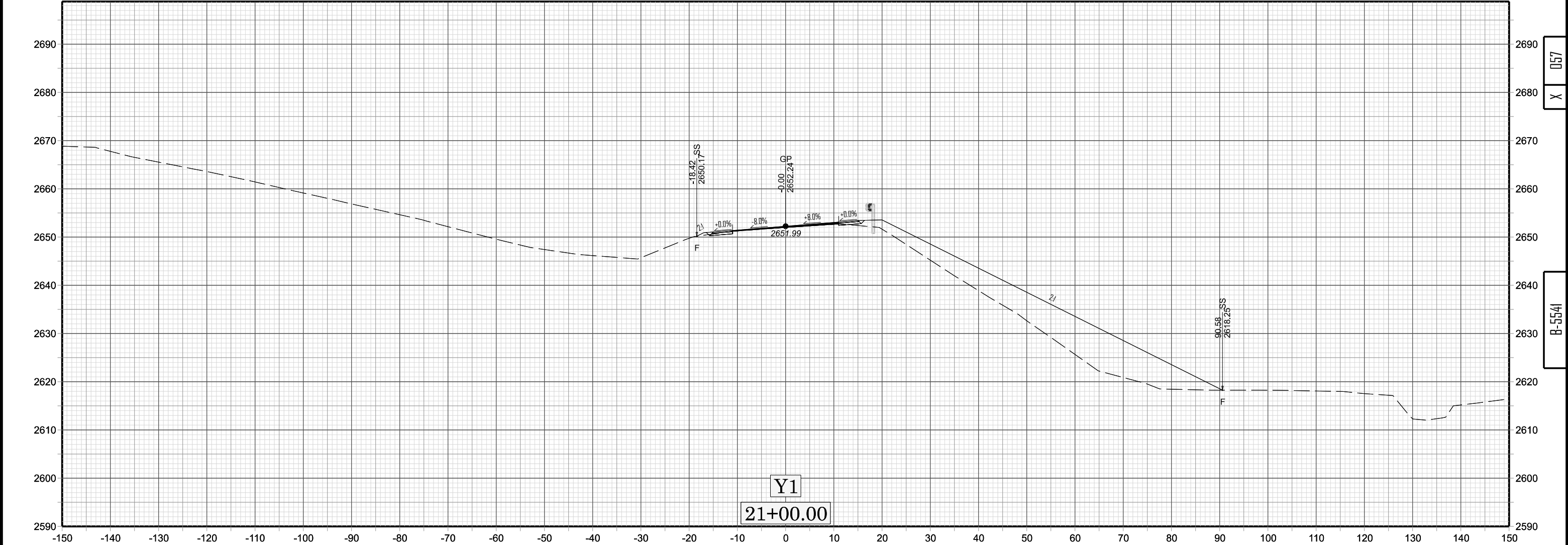
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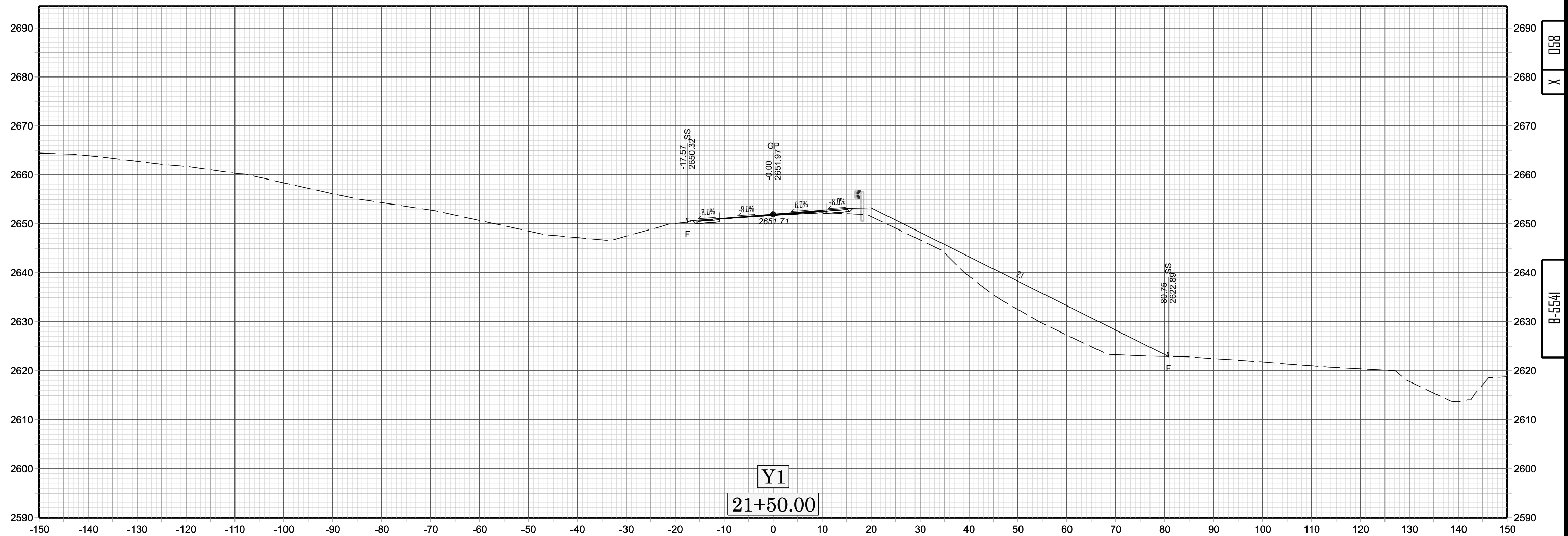


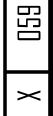
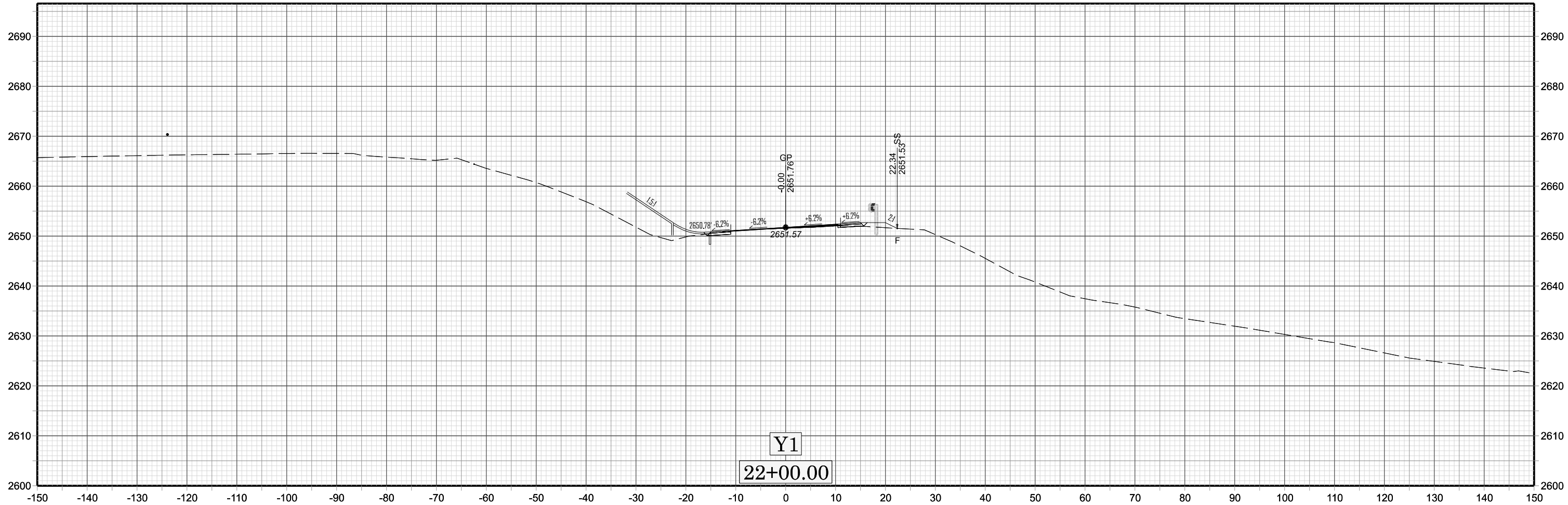
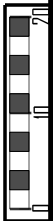
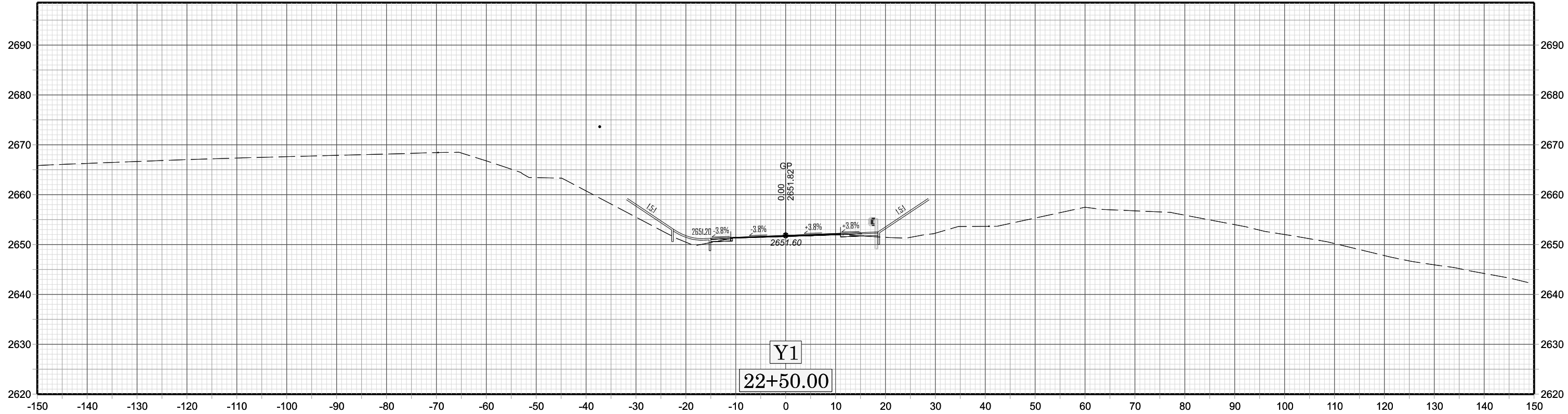
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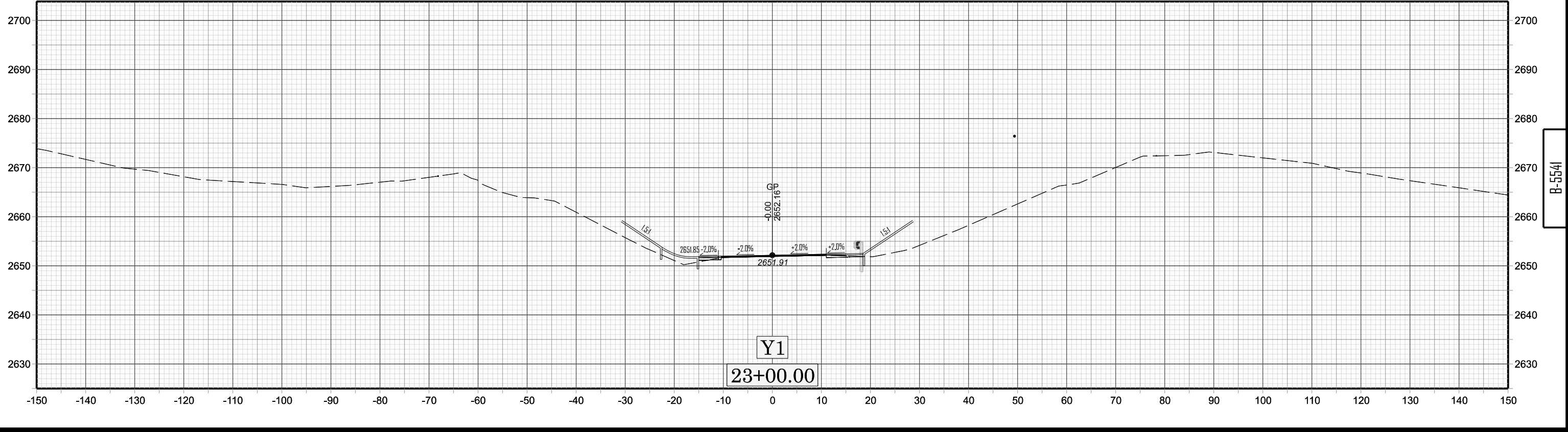
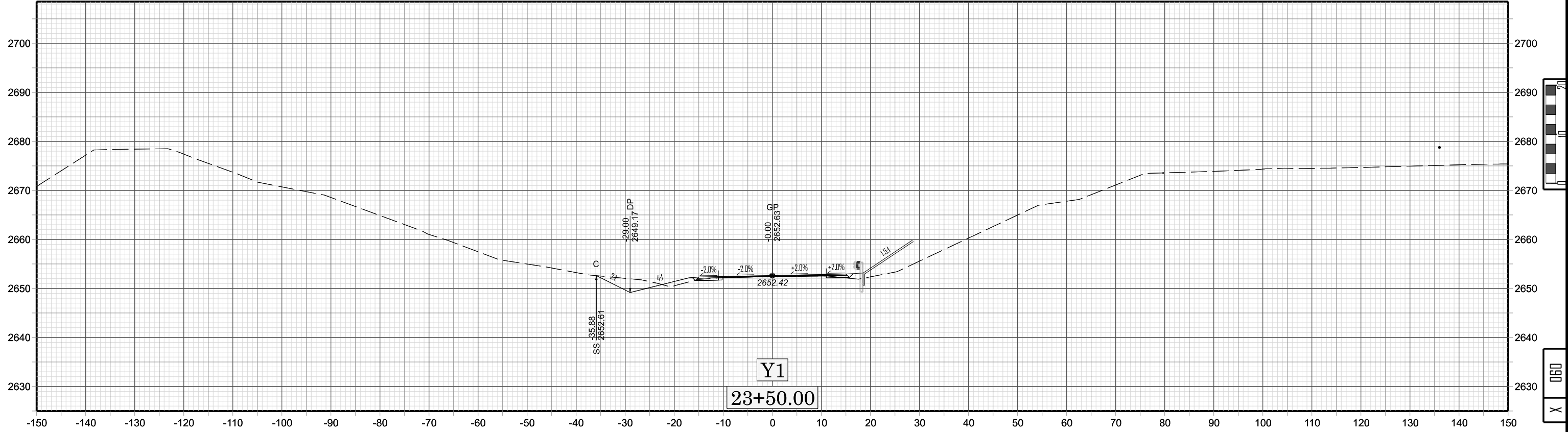


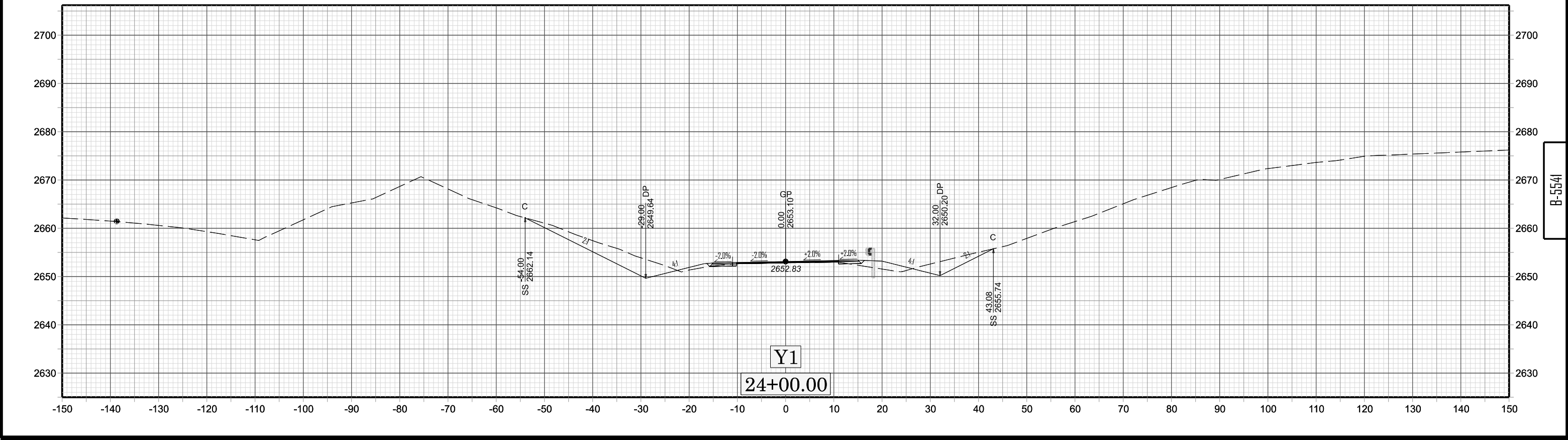
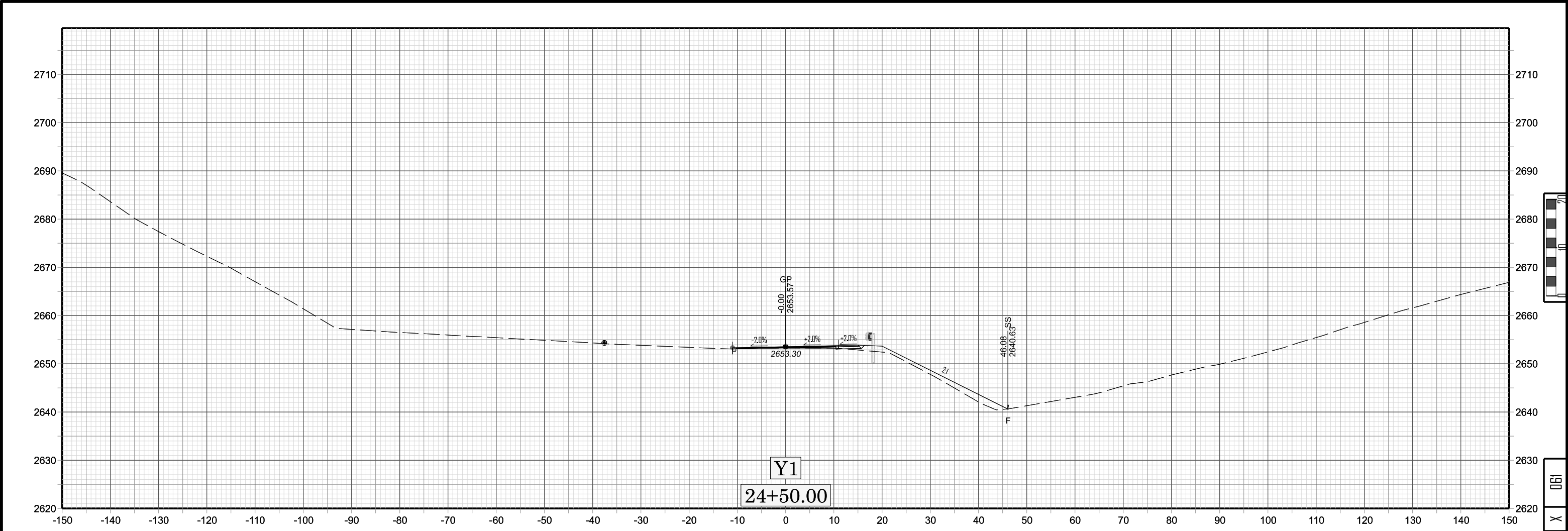


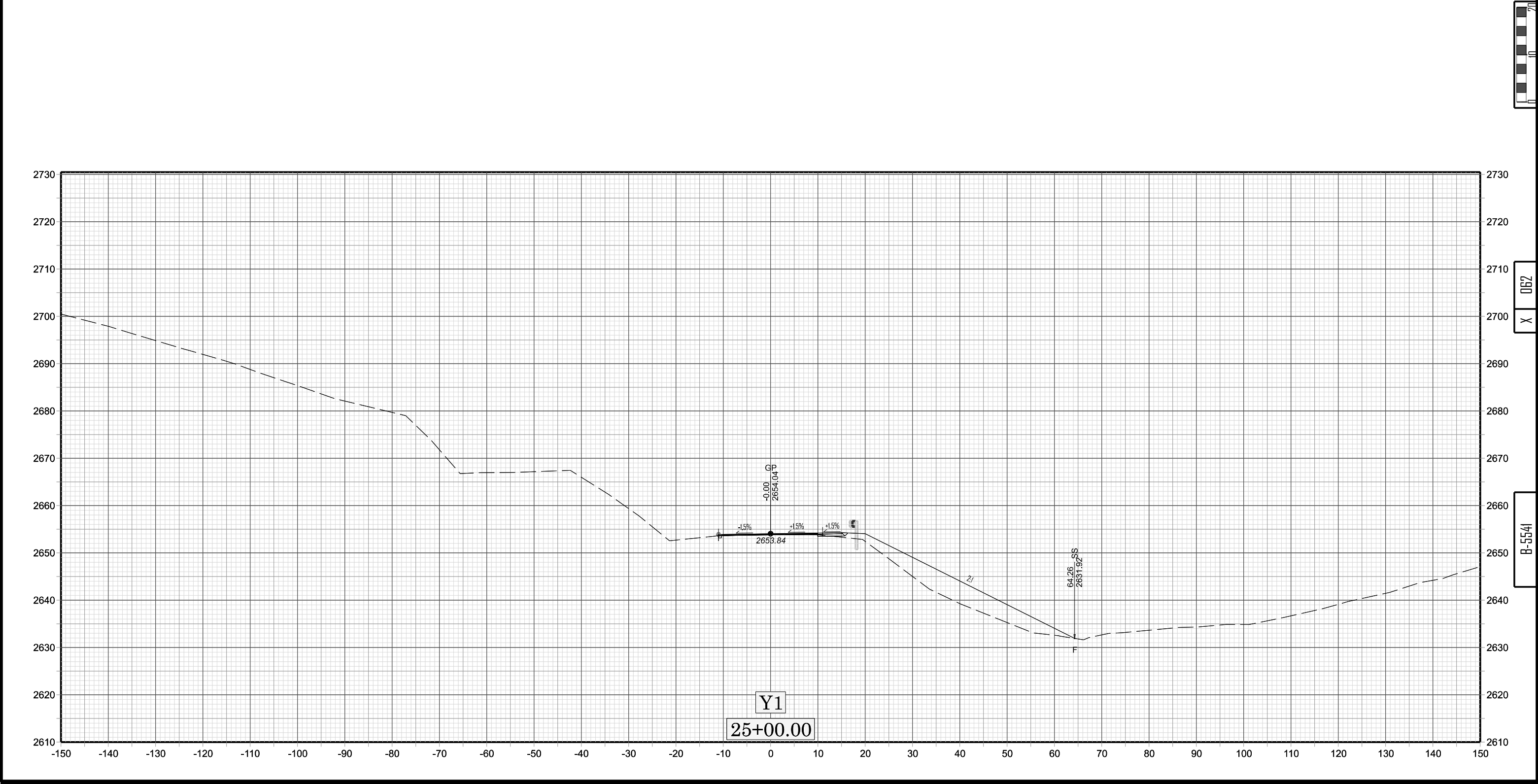


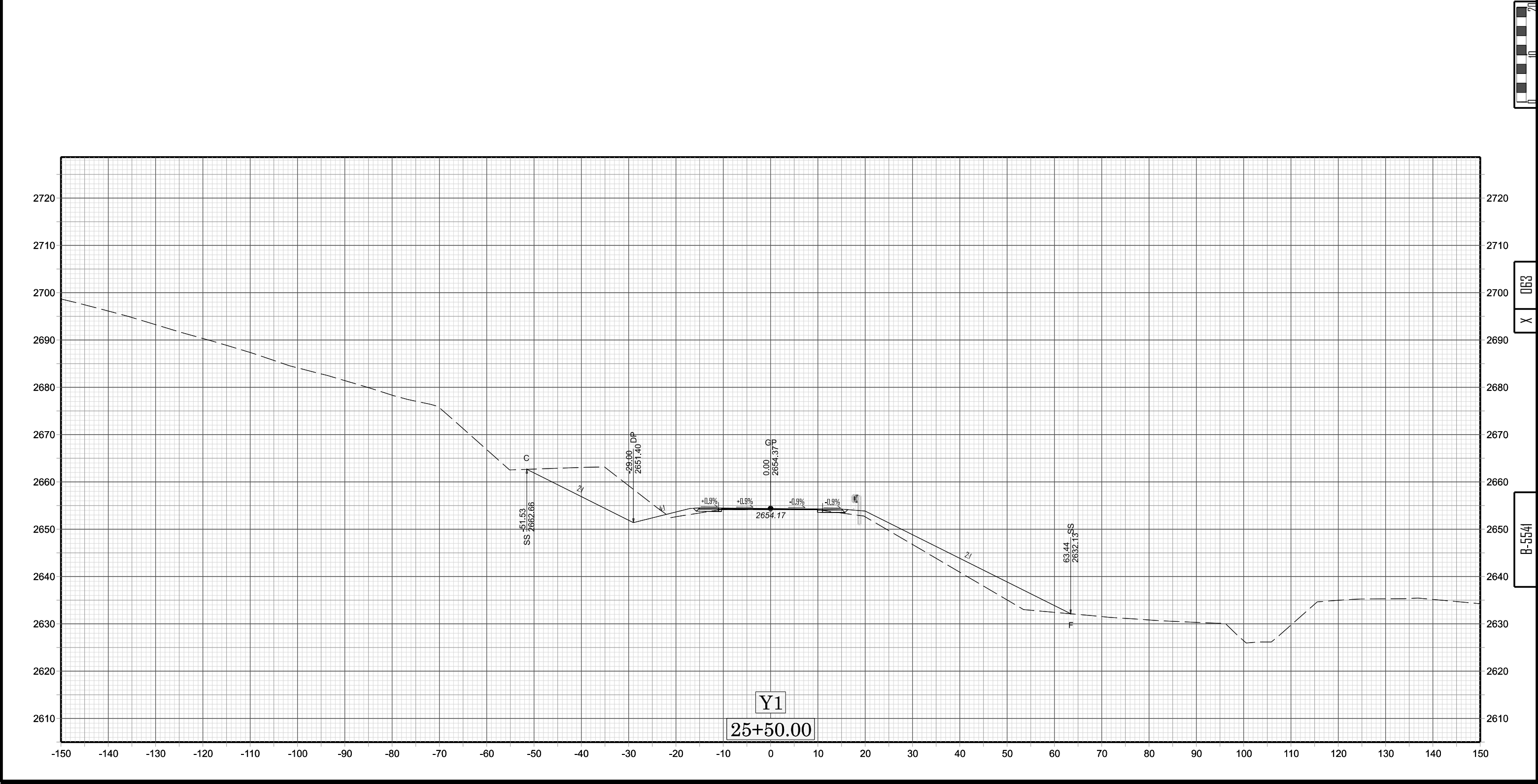


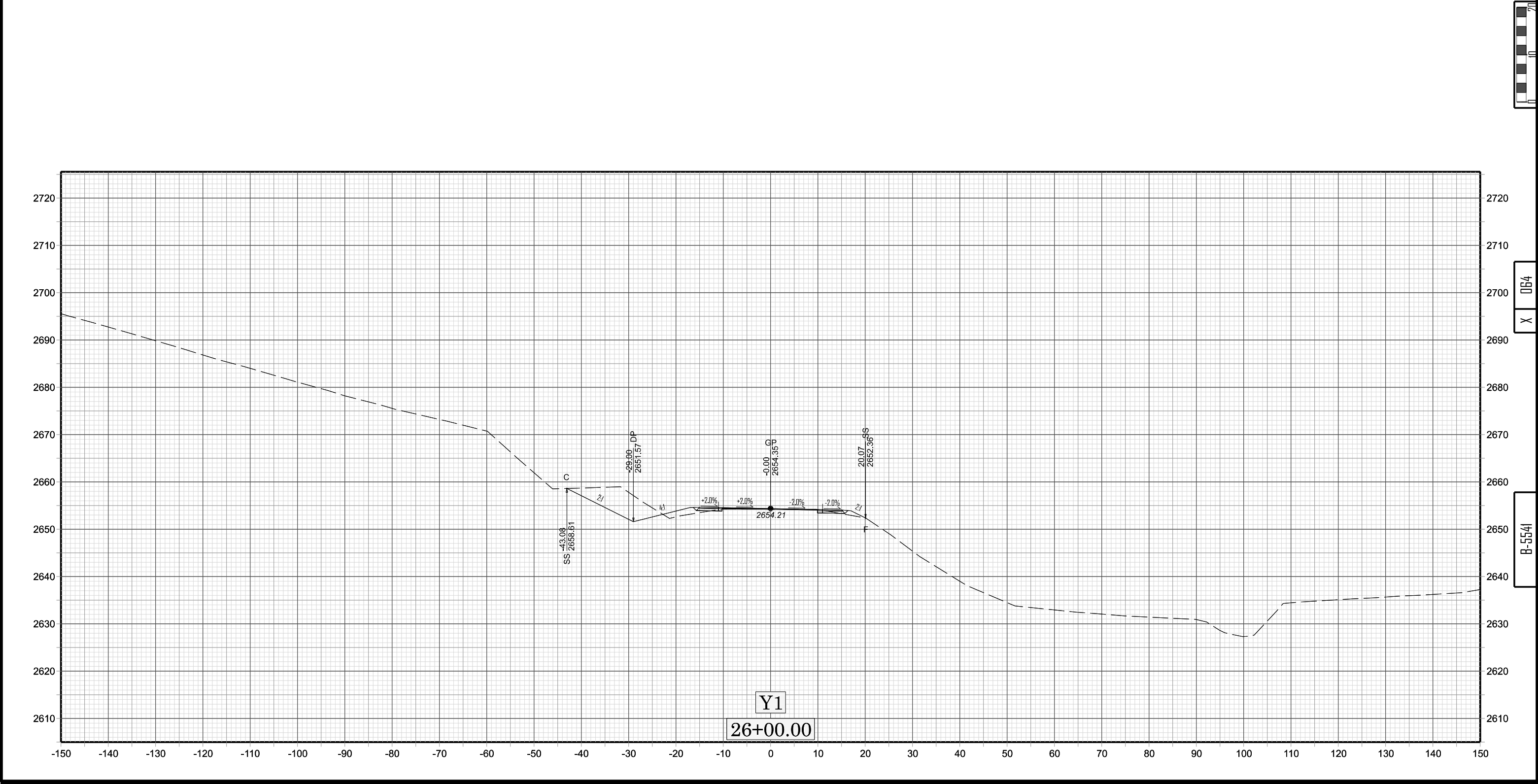
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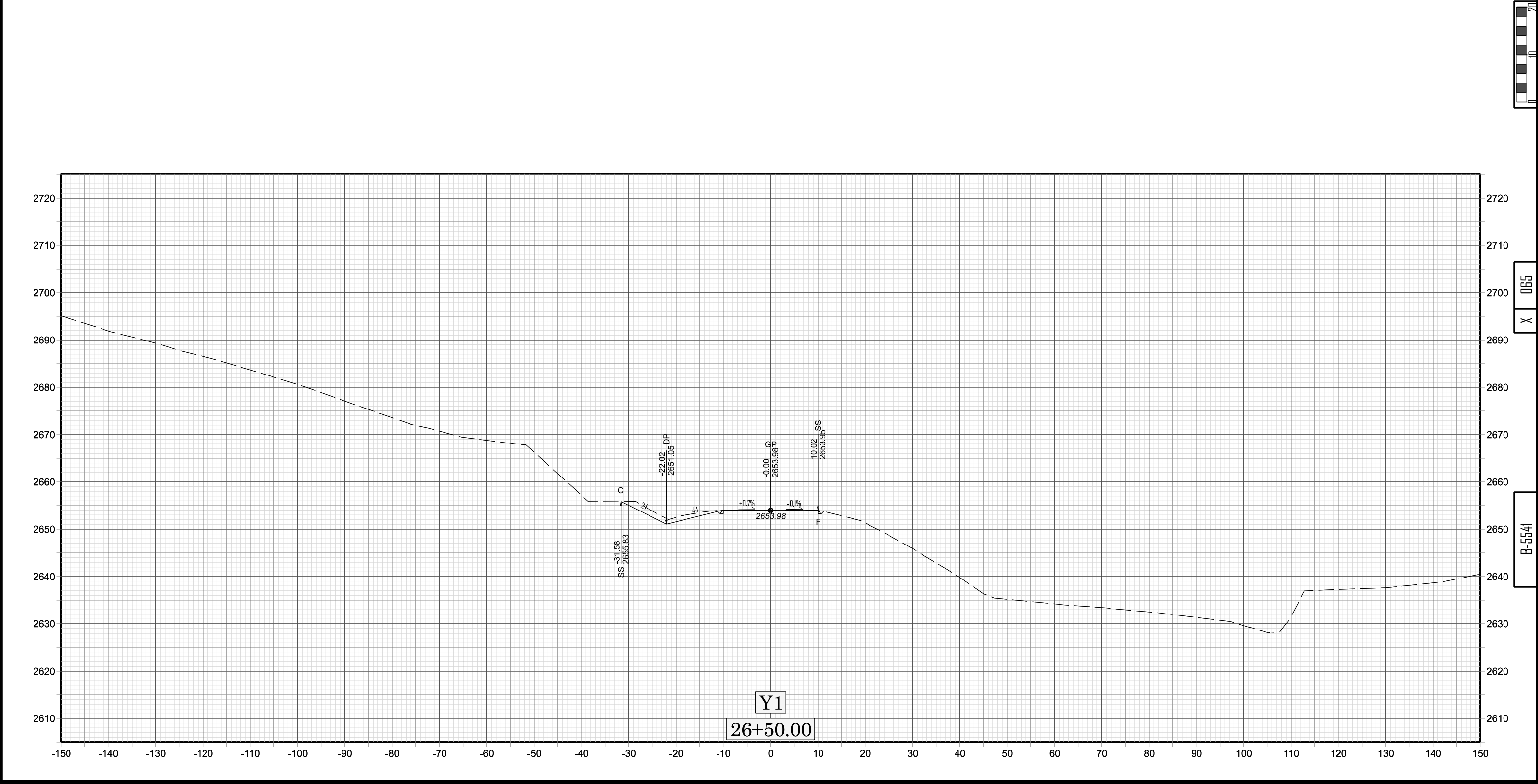


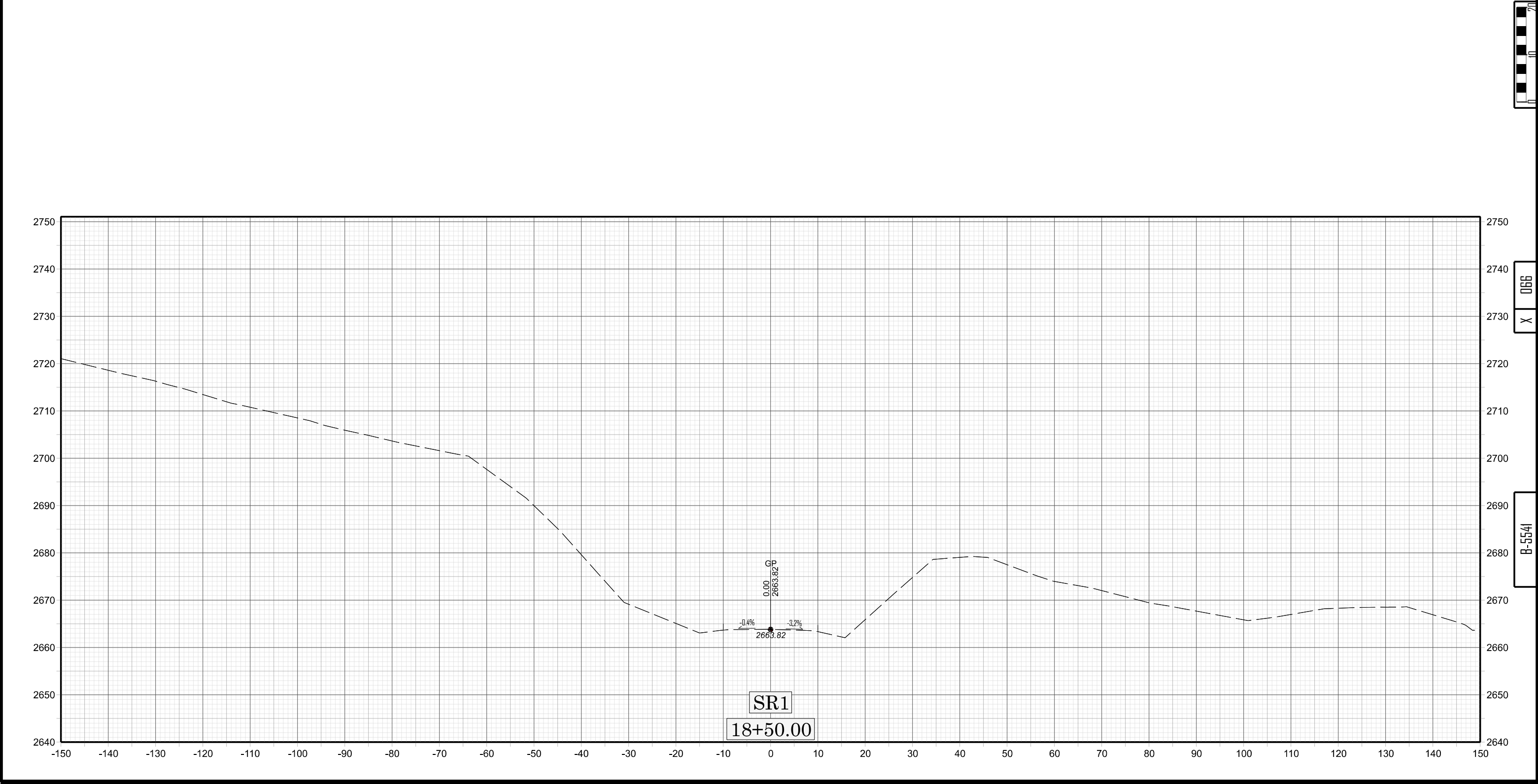


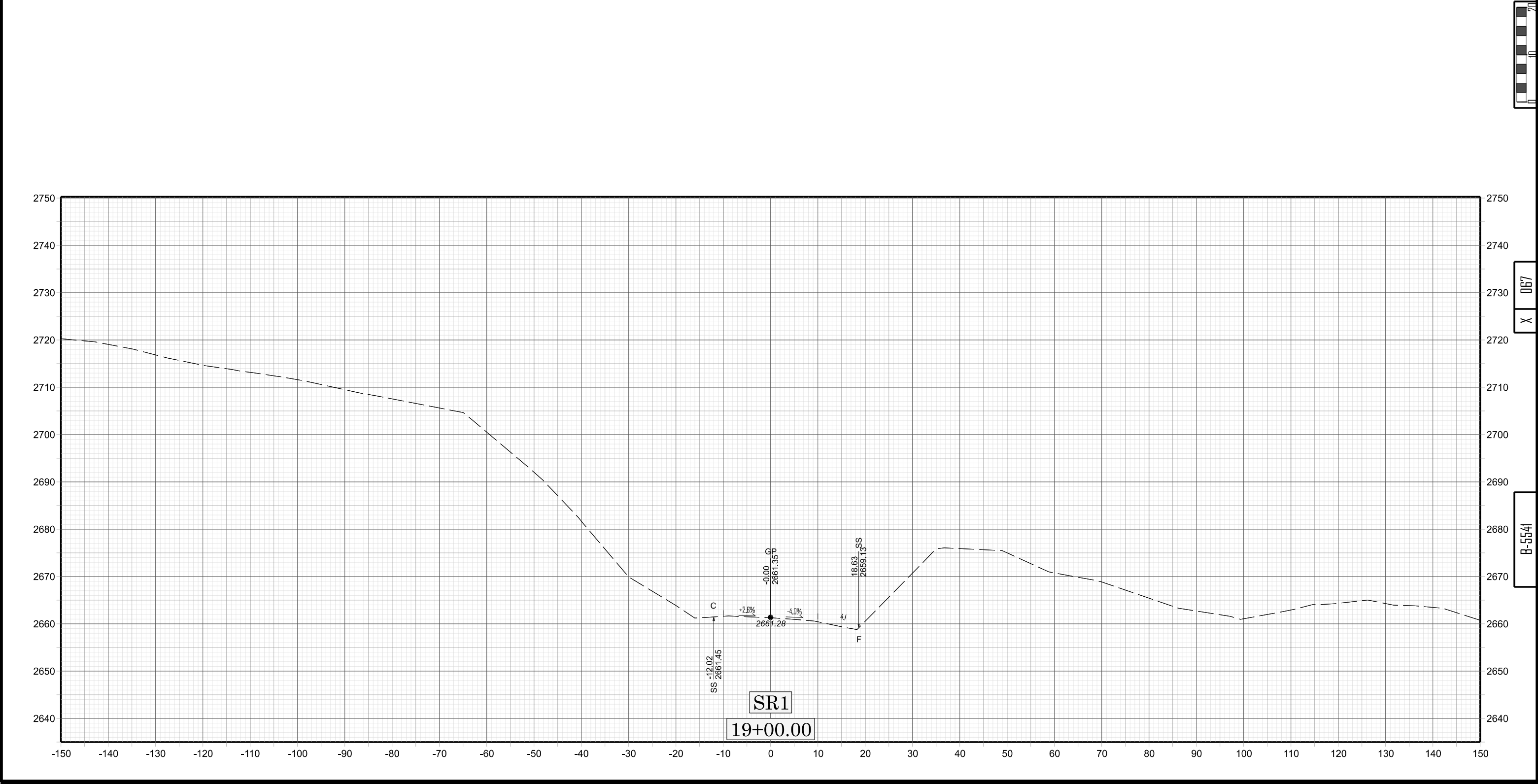


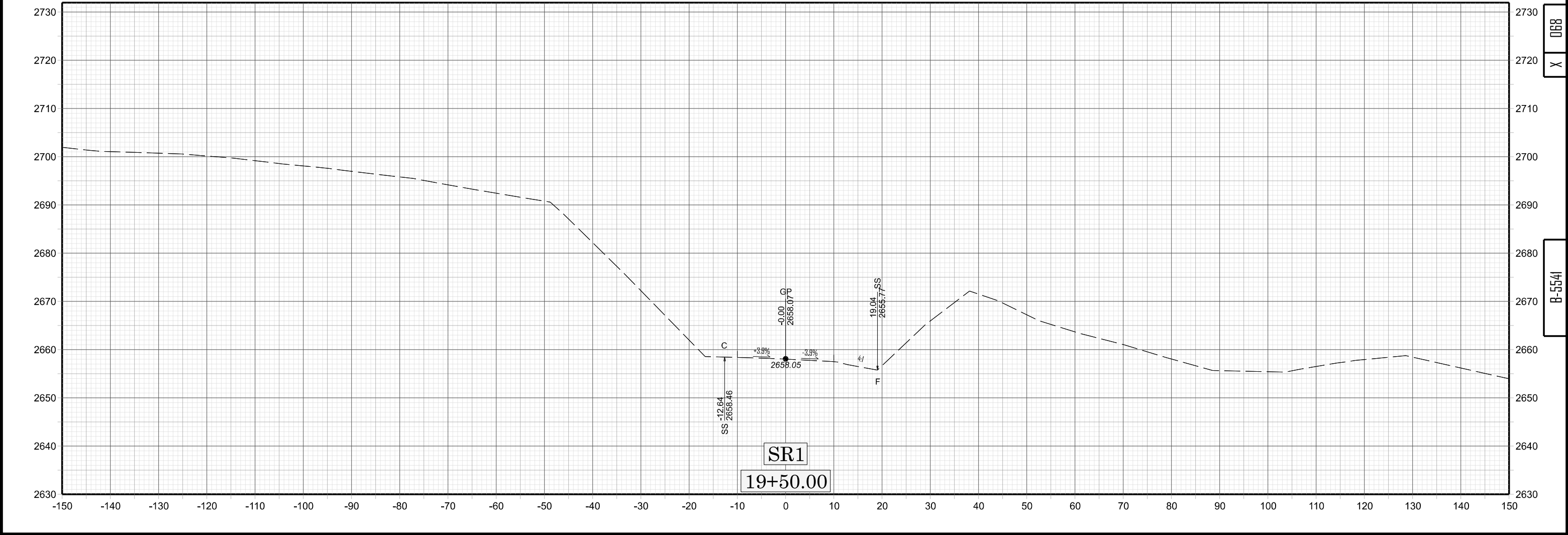
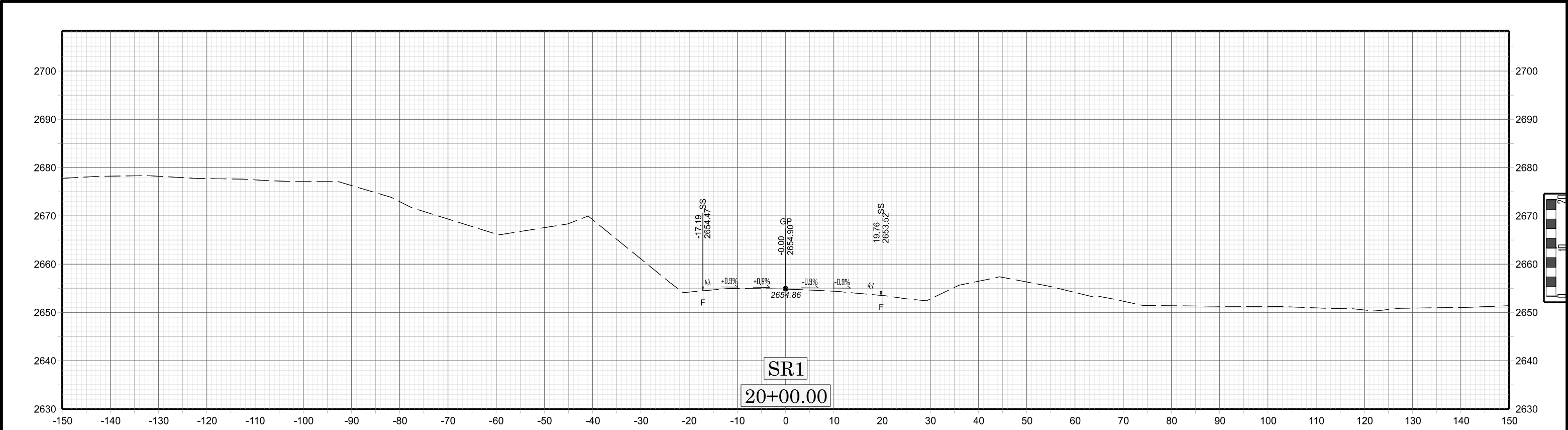


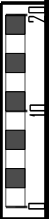












X 069

B-5541

