

**New York State Electric & Gas Corporation**

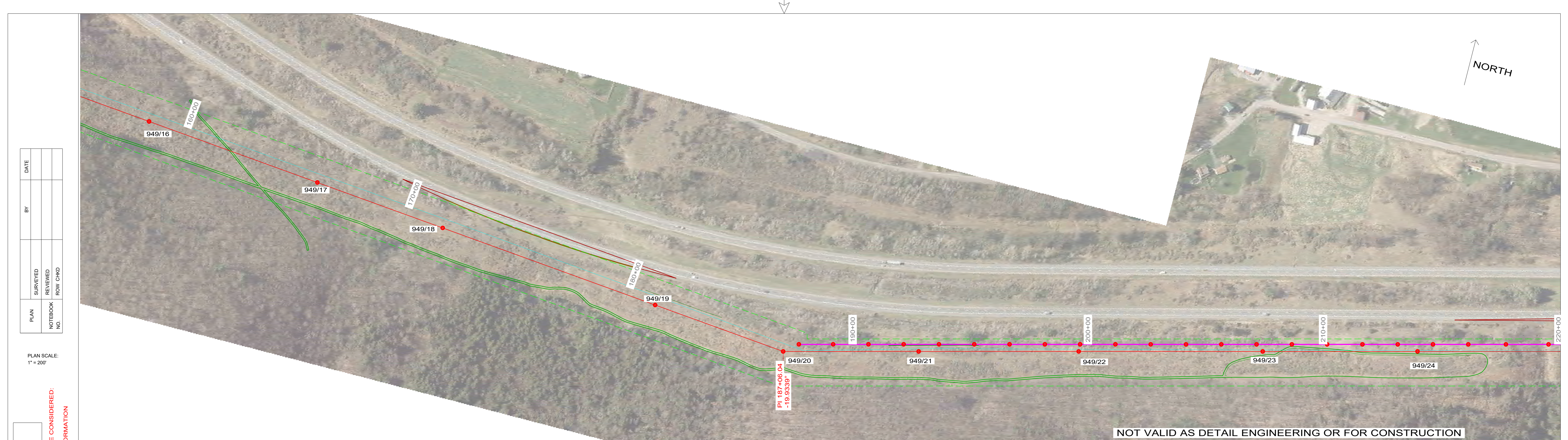
**Jennison Transmission Solution Project**

**Exhibit 5**

**Design Drawings**

**Part 5 of 12**





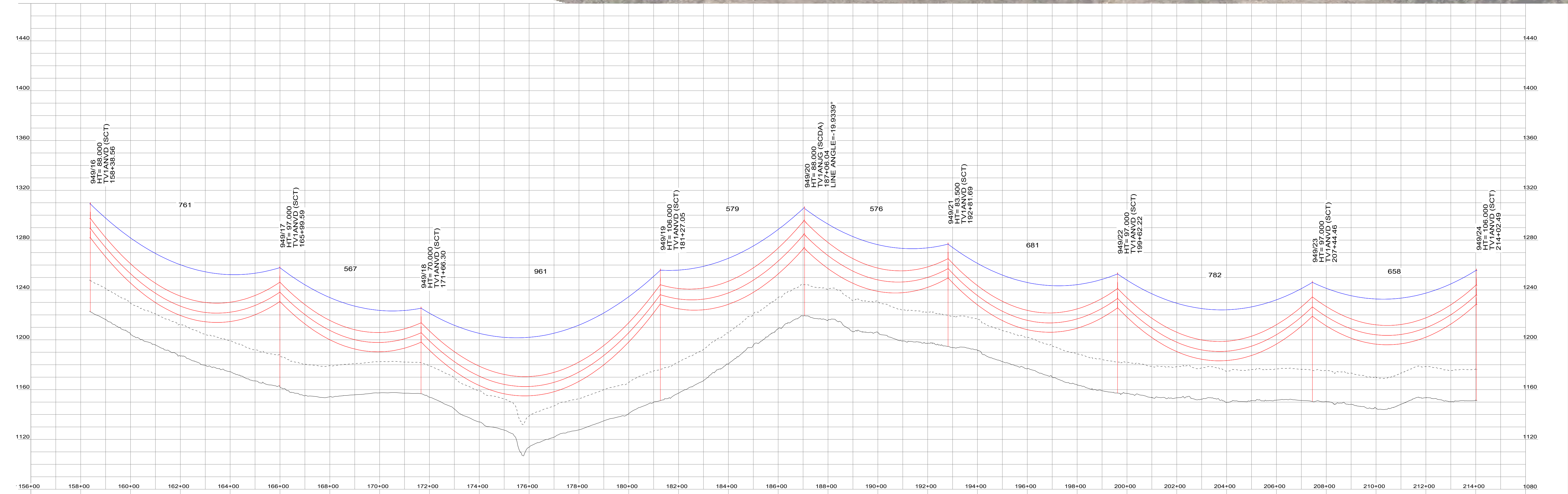
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| PLAN         | DATE     |
| NOTEBOOK NO. | BY       |
| SURVEYED     | REVIEWED |
| ROW          | CHKD     |

PLAN SCALE:  
1" = 200'

THIS DOCUMENT AND ANY ATTACHMENTS ARE CONSIDERED:  
PROTECTED CRITICAL INFRASTRUCTURE INFORMATION

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| PROFILE       | DATE     |
| NOTEBOOK NO.  | BY       |
| SURVEYED      | REVIEWED |
| NOTES REDUCED |          |

PROFILE SCALE:  
HORZ. 1" = 200'  
VERT. 1" = 60'



|                              |                        |              |                |  |          |   |  |
|------------------------------|------------------------|--------------|----------------|--|----------|---|--|
| UNDERBUILD CONSTRUCTION TYPE | NEUTRAL CONDUCTOR TYPE | OHSW TYPE    | CONDUCTOR TYPE | YR. CONST.   | PE STAMP | <br>CONFIDENTIAL, PROPRIETARY AND TRADE SECRET INFORMATION<br>PROPERTY OF AVANGRID  | <br>JENNSION TRANSMISSION SOLUTIONS PROJECT<br>115KV L949 JENNSION S/S TO DELHI S/S<br>PLAN AND PROFILE DRAWINGS<br>SHEET 26 OF 51 |
| TENSION                      | TENSION                | TENSION      | TENSION        | NOTES:<br>HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHT |          |   |  |
| DESIGN TEMP.                 | DESIGN TEMP.           | DESIGN TEMP. | DESIGN TEMP.   | REV. DATE BY DESCRIPTION APP.  |          | 0-0D 09/06/2024 HAR/DAS ISSUED FOR PERMITTING<br>0-0C 05/16/2024 HAR/DAS L949 REBUILD<br>0-0B 08/14/2023 ADR/DAS L949 REBUILD<br>0-0A 07/06/2023 ADR/DAS L949 REBUILD | REV. 0-0D  |

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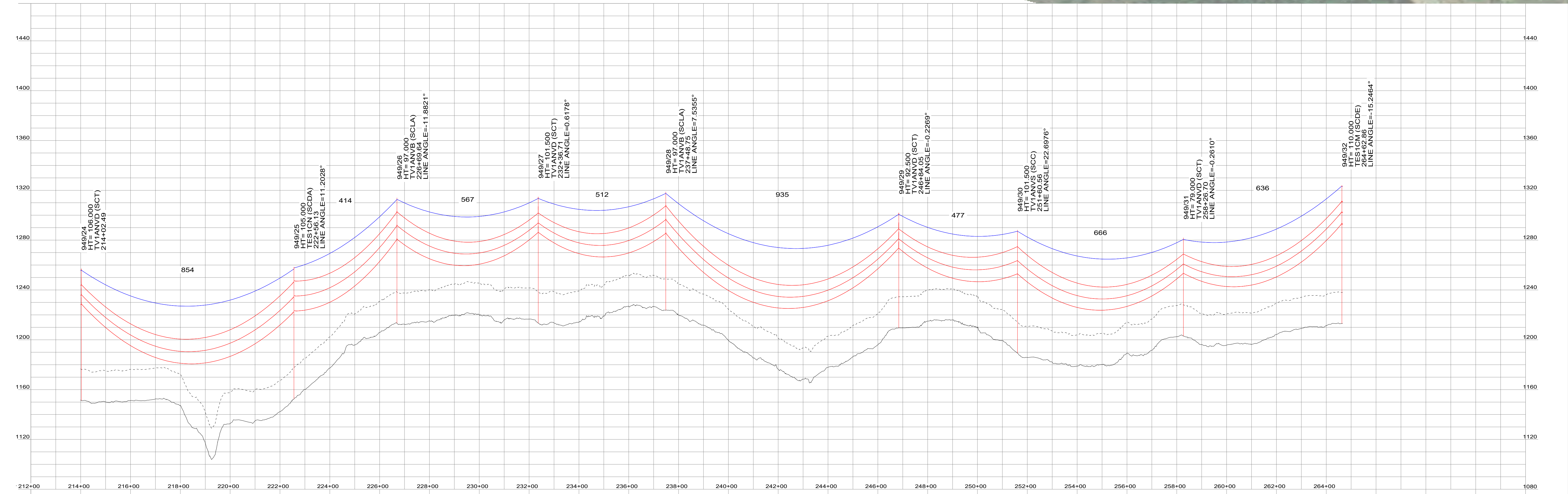
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|                              |                        |                                     |                                      |  |          |   |   |                 |      |       |
|------------------------------|------------------------|-------------------------------------|--------------------------------------|--|----------|---|---|-----------------|------|-------|
| UNDERBUILD CONSTRUCTION TYPE | NEUTRAL CONDUCTOR TYPE | OHSW TYPE                           | CONDUCTOR TYPE                       | YR. CONST.   | PE STAMP | <b>AVANGRID ENGINEERING</b><br>CONFIDENTIAL, PROPRIETARY AND TRADE SECRET INFORMATION<br>PROPERTY OF AVANGRID<br> | <b>JENNSON TRANSMISSION SOLUTIONS PROJECT</b><br>115KV L949 JENNSON S/S TO DELHI S/S<br>PLAN AND PROFILE DRAWINGS<br>SHEET 27 OF 51 |                 |      |       |
| TENSION                      | TENSION                | DNO - 11467 72 FIBER                | 1192.5 KCMIL BUNTING ACSR            | W/O  |          |   | REBUILD   | NYSEG - ONEONTA |      |       |
| DESIGN TEMP.                 | DESIGN TEMP.           | 4,800 - 6,000 LBS (NESC HEAVY 250B) | 8,000 - 12,000 LBS (NESC HEAVY 250B) | NOTES:<br>HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHT |          |   | DR.   | HAR/DAS         | MILE | FILE: |
|                              |                        | 120 DEG MAX SAG FE                  | 260 DEG MAX SAG FE                   | REV. DATE BY DESCRIPTION APP.  |          |   | CK.   | ADR/DAS         | NO.  | REV.  |
|                              |                        |                                     |                                      |  |          | APP.  | ZRH/DAS   |                 | 0-0D |       |
|                              |                        |                                     |                                      |  |          | REV. DATE BY DESCRIPTION APP.   | DATE: 05/16/2024  |                 |      |       |

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|              | ROW, CHKD |      |

PLAN SCALE:  
1" = 200'

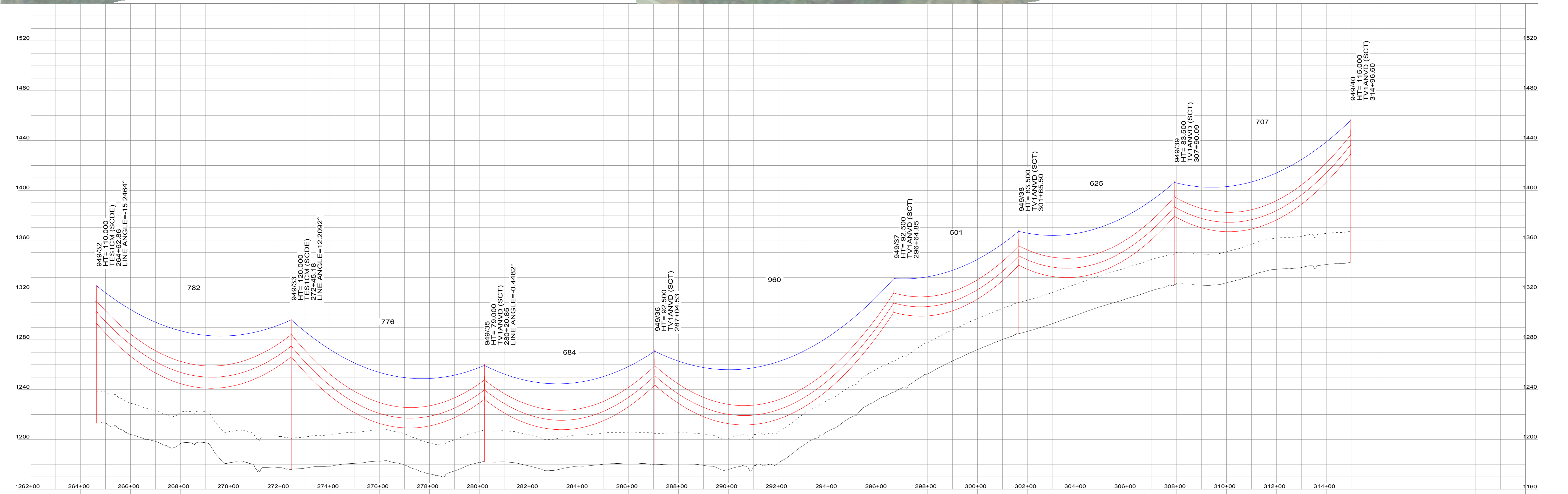
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NOT VALID AS DETAIL ENGINEERING OR FOR CONSTRUCTION



|                              |                        |                    |   |  |          |   |     |         |      |       |     |         |     |  |      |         |  |  |      |      |            |  |
|------------------------------|------------------------|--------------------|---|--|----------|---|-----|---------|------|-------|-----|---------|-----|--|------|---------|--|--|------|------|------------|--|
| UNDERBUILD CONSTRUCTION TYPE | NEUTRAL CONDUCTOR TYPE | OHSW TYPE          | CONDUCTOR TYPE  | YR. CONST.   | PE STAMP | <p>AVANGRID ENGINEERING<br/>CONFIDENTIAL, PROPRIETARY AND TRADE SECRET INFORMATION<br/>PROPERTY OF AVANGRID</p> <p><b>NYSEG</b></p> <p>JENNSON TRANSMISSION SOLUTIONS PROJECT<br/>115KV L949 JENNSON S/S TO DELHI S/S<br/>PLAN AND PROFILE DRAWINGS<br/>SHEET 28 OF 51</p> <table border="1"> <tr> <td>DR.</td> <td>HAR/DAS</td> <td>MILE</td> <td>FILE:</td> </tr> <tr> <td>CK.</td> <td>ADR/DAS</td> <td>NO.</td> <td></td> </tr> <tr> <td>APP.</td> <td>ZRH/DAS</td> <td></td> <td></td> </tr> <tr> <td>REV.</td> <td>DATE</td> <td>05/16/2024</td> <td></td> </tr> </table> | DR. | HAR/DAS | MILE | FILE: | CK. | ADR/DAS | NO. |  | APP. | ZRH/DAS |  |  | REV. | DATE | 05/16/2024 |  |
| DR.                          | HAR/DAS                | MILE               | FILE:   |  |          |   |     |         |      |       |     |         |     |  |      |         |  |  |      |      |            |  |
| CK.                          | ADR/DAS                | NO.                |   |  |          |   |     |         |      |       |     |         |     |  |      |         |  |  |      |      |            |  |
| APP.                         | ZRH/DAS                |                    |   |  |          |   |     |         |      |       |     |         |     |  |      |         |  |  |      |      |            |  |
| REV.                         | DATE                   | 05/16/2024         |   |  |          |   |     |         |      |       |     |         |     |  |      |         |  |  |      |      |            |  |
| TENSION                      | TENSION                | TENSION            | TENSION   | NOTES:<br>HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHT |          |   |     |         |      |       |     |         |     |  |      |         |  |  |      |      |            |  |
| DESIGN TEMP.                 | DESIGN TEMP.           | DESIGN TEMP.       | DESIGN TEMP.  |  |          |   |     |         |      |       |     |         |     |  |      |         |  |  |      |      |            |  |
|                              |                        | 120 DEG MAX SAG FE | 1192.5 KCMIL BUNTING ACSR<br>8,000 - 12,000 LBS (NESC HEAVY 250B) |  |          |   |     |         |      |       |     |         |     |  |      |         |  |  |      |      |            |  |
|                              |                        | 260 DEG MAX SAG FE |   |  |          |   |     |         |      |       |     |         |     |  |      |         |  |  |      |      |            |  |
| REV.                         | DATE                   | BY                 | DESCRIPTION   | APP.   |          |   |     |         |      |       |     |         |     |  |      |         |  |  |      |      |            |  |



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| SURVEYED     | REVIEWED |
| ROW          | CHKD     |

PLAN SCALE:  
1" = 200'

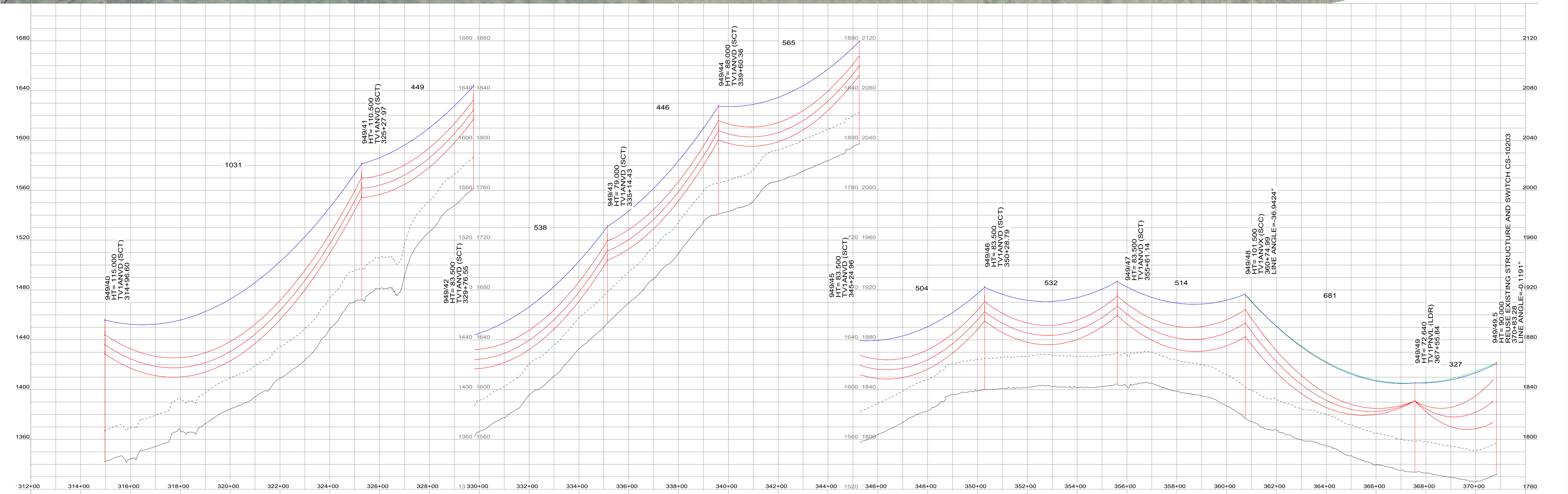
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| PROFILE       | DATE     |
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| SURVEYED      | REVIEWED |
| NOTES REDUCED |          |

PROFILE SCALE:  
HORZ. 1" = 200'  
VERT. 1" = 60'

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PROTECTED CRITICAL INFRASTRUCTURE INFORMATION



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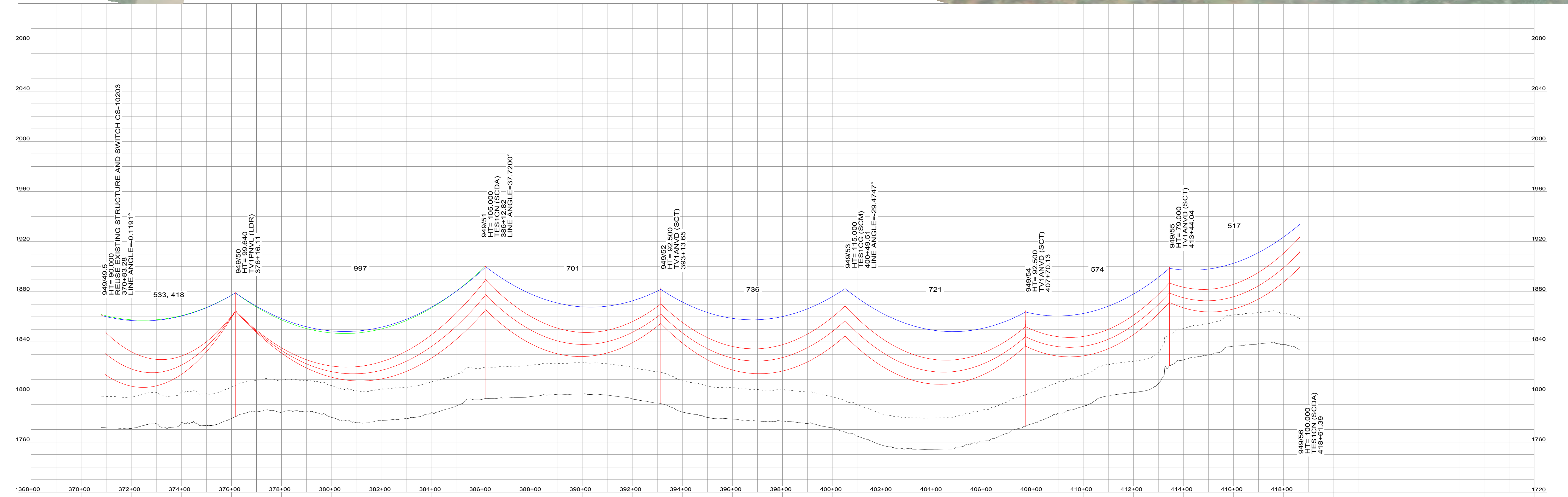


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|------------------------------|------------------------|---------------------------------------|--------------------------------------|--|--|--|---------|------------|-------------|-----------------------|---------|------------|---------|--------------|---------|------------|---------|--------------|------|------------|---------|
| UNDERBUILD CONSTRUCTION TYPE | NEUTRAL CONDUCTOR TYPE | OHSW TYPE                             | CONDUCTOR TYPE                       | YR. CONST.   | PE STAMP   | <p>AVANGRID ENGINEERING<br/>CONFIDENTIAL, PROPRIETARY AND TRADE SECRET INFORMATION<br/>PROPERTY OF AVANGRID</p> <p><b>NYSEG</b></p> <p>JENNISON TRANSMISSION SOLUTIONS PROJECT<br/>115KV L949 JENNISON S/S TO DELHI S/S<br/>PLAN AND PROFILE DRAWINGS</p> <p>SHEET 29 OF 51</p> <p>REBUILD NYSEG - ONEONTA</p> |         |            |             |                       |         |            |         |              |         |            |         |              |      |            |         |
| TENSION                      | TENSION                | DNO - 11467 72 FIBER<br>7#7 ALUMOWELD | 1192.5 KCMIL BUNTING ACSR            | W/O  | <table border="1"> <tr> <td>0-0D</td> <td>09/06/2024</td> <td>HAR/DAS</td> <td>ISSUED FOR PERMITTING</td> </tr> <tr> <td>0-0C</td> <td>05/16/2024</td> <td>HAR/DAS</td> <td>L949 REBUILD</td> </tr> <tr> <td>0-0B</td> <td>08/14/2023</td> <td>ADR/DAS</td> <td>L949 REBUILD</td> </tr> <tr> <td>0-0A</td> <td>07/06/2023</td> <td>ADR/DAS</td> <td>L949 REBUILD</td> </tr> </table> |  | 0-0D    | 09/06/2024 | HAR/DAS     | ISSUED FOR PERMITTING | 0-0C    | 05/16/2024 | HAR/DAS | L949 REBUILD | 0-0B    | 08/14/2023 | ADR/DAS | L949 REBUILD | 0-0A | 07/06/2023 | ADR/DAS |
| 0-0D                         | 09/06/2024             | HAR/DAS                               | ISSUED FOR PERMITTING                |  |  |  |         |            |             |                       |         |            |         |              |         |            |         |              |      |            |         |
| 0-0C                         | 05/16/2024             | HAR/DAS                               | L949 REBUILD                         |  |  |  |         |            |             |                       |         |            |         |              |         |            |         |              |      |            |         |
| 0-0B                         | 08/14/2023             | ADR/DAS                               | L949 REBUILD                         |  |  |  |         |            |             |                       |         |            |         |              |         |            |         |              |      |            |         |
| 0-0A                         | 07/06/2023             | ADR/DAS                               | L949 REBUILD                         |  |  |  |         |            |             |                       |         |            |         |              |         |            |         |              |      |            |         |
| DESIGN TEMP.                 | DESIGN TEMP.           | 4,800 - 6,000 LBS (NESC HEAVY 250B)   | 8,000 - 12,000 LBS (NESC HEAVY 250B) | NOTES:<br>HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHT | <table border="1"> <tr> <td>DR.</td> <td>HAR/DAS</td> <td>FILE:</td> <td></td> </tr> <tr> <td>CK.</td> <td>ADR/DAS</td> <td>NO.</td> <td></td> </tr> <tr> <td>APP.</td> <td>ZRH/DAS</td> <td></td> <td></td> </tr> </table>  | DR.  | HAR/DAS | FILE:      |             | CK.                   | ADR/DAS | NO.        |         | APP.         | ZRH/DAS |            |         |              |      |            |         |
| DR.                          | HAR/DAS                | FILE:                                 |                                      |  |  |  |         |            |             |                       |         |            |         |              |         |            |         |              |      |            |         |
| CK.                          | ADR/DAS                | NO.                                   |                                      |  |  |  |         |            |             |                       |         |            |         |              |         |            |         |              |      |            |         |
| APP.                         | ZRH/DAS                |                                       |                                      |  |  |  |         |            |             |                       |         |            |         |              |         |            |         |              |      |            |         |
| DESIGN TEMP.                 | DESIGN TEMP.           | 120 DEG MAX SAG FE                    | 260 DEG MAX SAG FE                   | REV. DATE BY DESCRIPTION APP.  | <table border="1"> <tr> <td>REV.</td> <td>DATE</td> <td>BY</td> <td>DESCRIPTION</td> <td>APP.</td> </tr> </table>  | REV.   | DATE    | BY         | DESCRIPTION | APP.                  |         |            |         |              |         |            |         |              |      |            |         |
| REV.                         | DATE                   | BY                                    | DESCRIPTION                          | APP.   |  |  |         |            |             |                       |         |            |         |              |         |            |         |              |      |            |         |





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PLAN SCALE:  
1" = 200'

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| DATE          |  |
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| NOTES REDUCED |  |
| PROFILE       |  |
| NOTEBOOK NO.  |  |

PROFILE SCALE:  
HORIZ. 1" = 200'  
VERT. 1" = 60'

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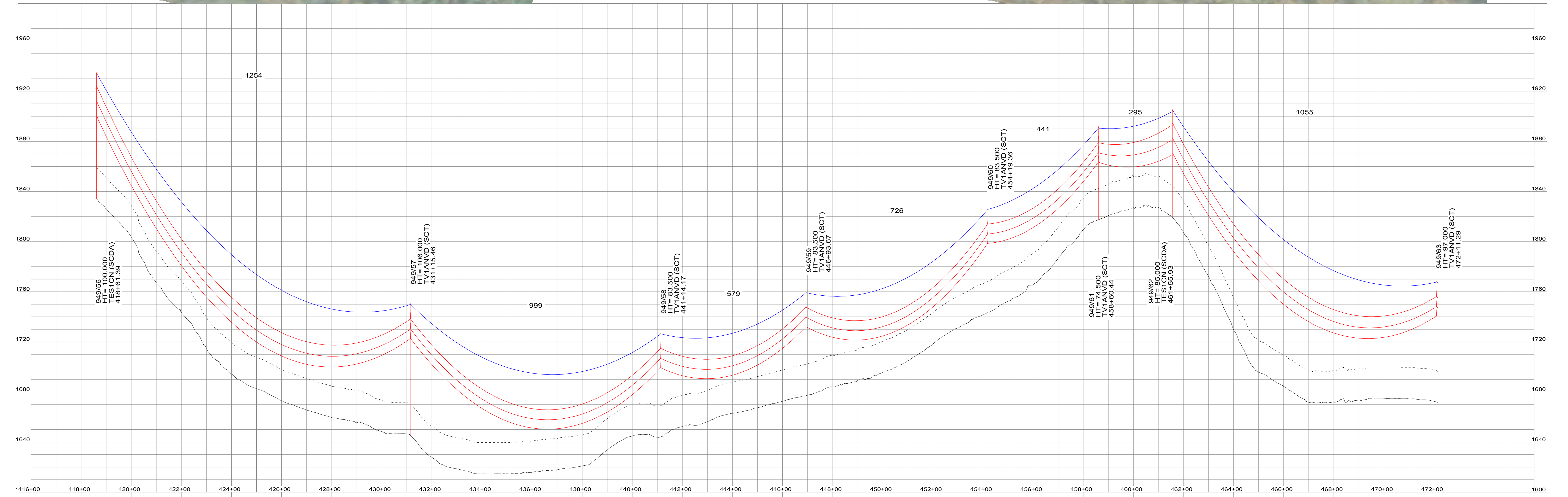
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| UNDERBUILD CONSTRUCTION TYPE | NEUTRAL CONDUCTOR TYPE | OHSW TYPE  | CONDUCTOR TYPE   | YR. CONST. | IWO  | PE STAMP | AVANGRID ENGINEERING<br>CONFIDENTIAL, PROPRIETARY AND TRADE SECRET INFORMATION<br>PROPERTY OF AVANGRID<br> | JENNSON TRANSMISSION SOLUTIONS PROJECT<br>115KV L949 JENNSON S/S TO DELHI S/S<br>PLAN AND PROFILE DRAWINGS<br>SHEET 30 OF 51<br>REBUILD NYSEG - ONEONTA |                  |
| TENSION                      | TENSION                | DNO - 11467 72 FIBER<br>7#7 ALUMOWELD<br>4,800 - 6,000 LBS (NESC HEAVY 250B) | 1192.5 KCMIL BUNTING ACSR<br>TENSION<br>8,000 - 12,000 LBS (NESC HEAVY 250B) |            |      |          |  |   |                  |
| DESIGN TEMP.                 | DESIGN TEMP.           | 120 DEG MAX SAG FE   | 260 DEG MAX SAG FE   |            |      |          | CK.  | ADR/DAS   |                  |
|                              |                        |  |  | REV.       | DATE | BY       | DESCRIPTION  | APP.  | DATE: 05/16/2024 |





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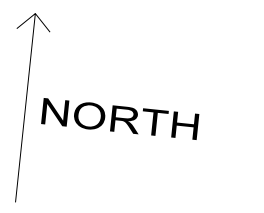
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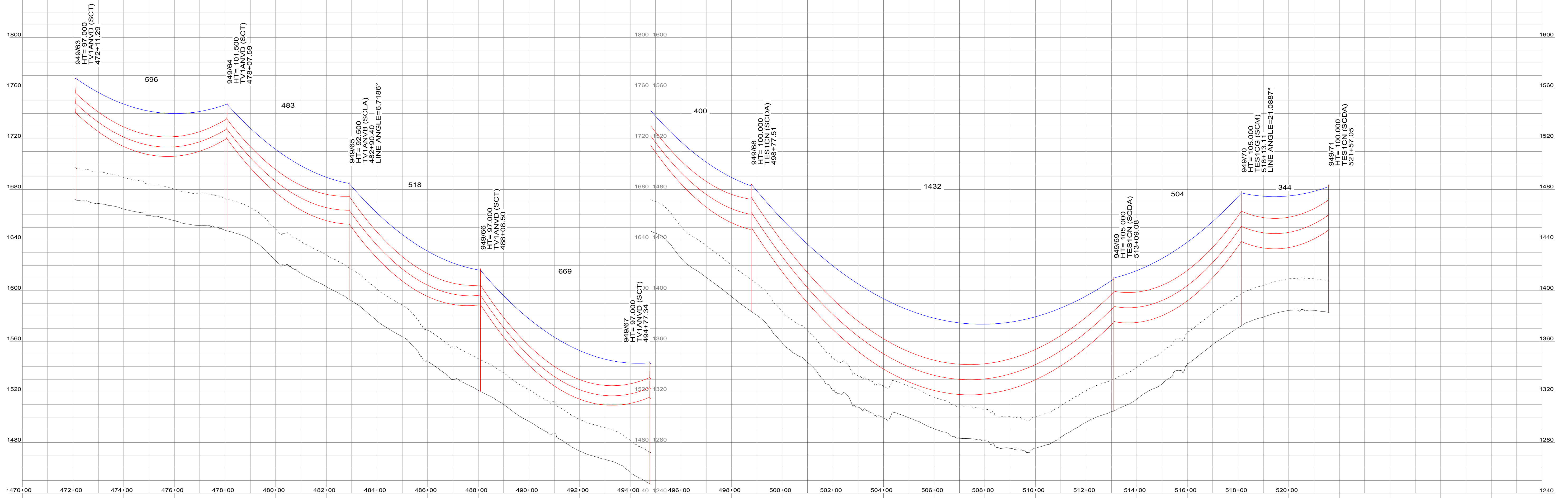
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| UNDERBUILD CONSTRUCTION TYPE | NEUTRAL CONDUCTOR TYPE | OHSW TYPE                           | CONDUCTOR TYPE                       | YR. CONST.   | PE STAMP | AVANGRID ENGINEERING<br>CONFIDENTIAL, PROPRIETARY AND TRADE SECRET INFORMATION<br>PROPERTY OF AVANGRID |                  | JENNSON TRANSMISSION SOLUTIONS PROJECT<br>115KV L949 JENNSON S/S TO DELHI S/S<br>PLAN AND PROFILE DRAWINGS<br>SHEET 31 OF 51  |                         |
| TENSION                      | TENSION                | DNO - 11467 72 FIBER                | 1192.5 KCMIL BUNTING ACSR            | IWO  |          |  |                  | 0-0D 09/06/2024 HAR/DAS ISSUED FOR PERMITTING<br>0-0C 05/16/2024 HAR/DAS L949 REBUILD<br>0-0B 08/14/2023 ADR/DAS L949 REBUILD<br>0-0A 07/06/2023 ADR/DAS L949 REBUILD | REBUILD NYSEG - ONEONTA |
| DESIGN TEMP.                 | DESIGN TEMP.           | 4,800 - 6,000 LBS (NESC HEAVY 250B) | 8,000 - 12,000 LBS (NESC HEAVY 250B) | NOTES:<br>HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHT |          | REV. DATE BY DESCRIPTION APP.  | DATE: 05/16/2024 |   |                         |





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| TENSION                      | TENSION                | DNO - 11467 72 FIBER                | 1192.5 KCMIL BUNTING ACSR            | W/O  |          |   |  |
| DESIGN TEMP.                 | DESIGN TEMP.           | 4,800 - 6,000 LBS (NESC HEAVY 250B) | 8,000 - 12,000 LBS (NESC HEAVY 250B) | NOTES:<br>HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHT |          | 0-0D 09/06/2024 HAR/DAS ISSUED FOR PERMITTING<br>0-0C 05/16/2024 HAR/DAS L949 REBUILD<br>0-0B 08/14/2023 ADR/DAS L949 REBUILD<br>0-0A 07/06/2023 ADR/DAS L949 REBUILD | REBUILD NYSEG - ONEONTA<br>DR. HAR/DAS MILE FILE:<br>CK. ADR/DAS NO.<br>APP. ZRH/DAS<br>DATE: 05/16/2024                         |
|                              |                        | 120 DEG MAX SAG FE                  | 260 DEG MAX SAG FE                   | REV. DATE BY DESCRIPTION APP.  |          |   | REV. 0-0D  |