

New York State Electric & Gas Corporation

Jennison Transmission Solution Project

Exhibit 5

Design Drawings

Part 4 of 12

ANSI D CADD DRAWING DO NOT REVISE MANUALLY.

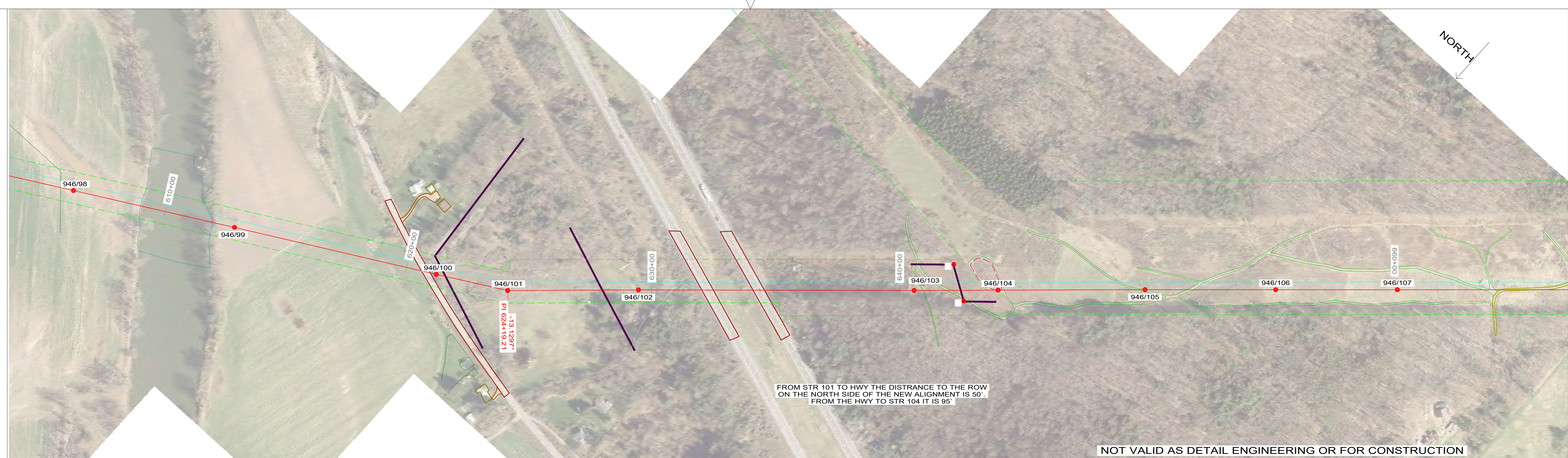
PLAN	DATE
NOTEBOOK NO.	
SURVEYED	BY
REVIEWED	DATE
ROW CHKD	

PLAN SCALE:
1" = 200'

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

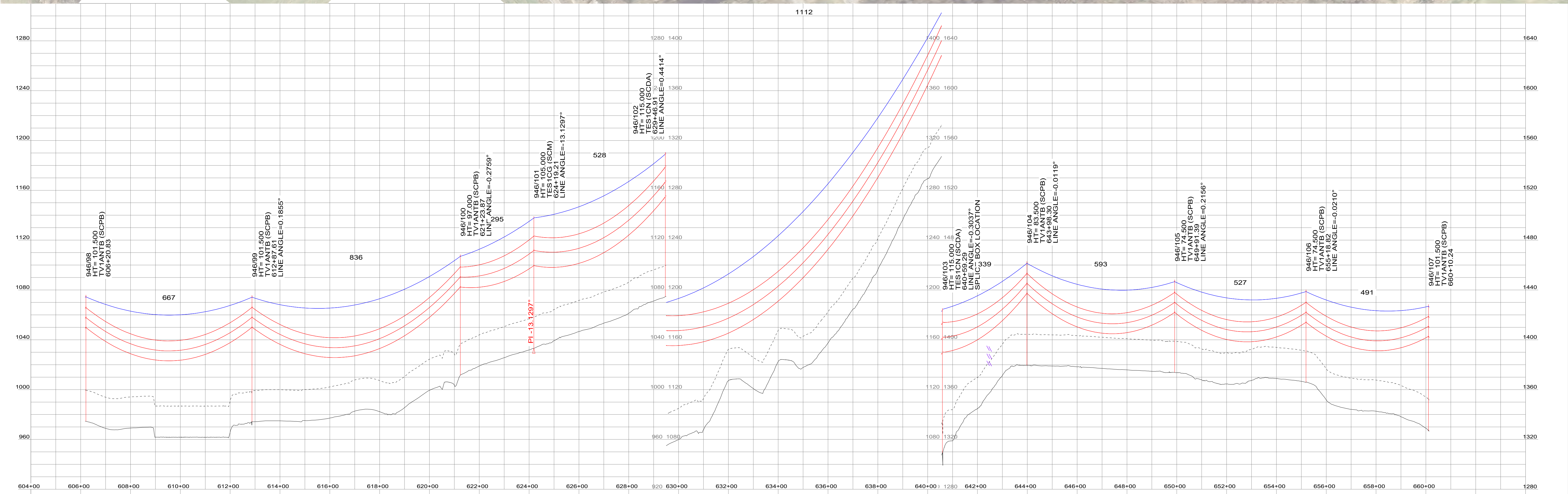
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NOTES REDUCED	

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

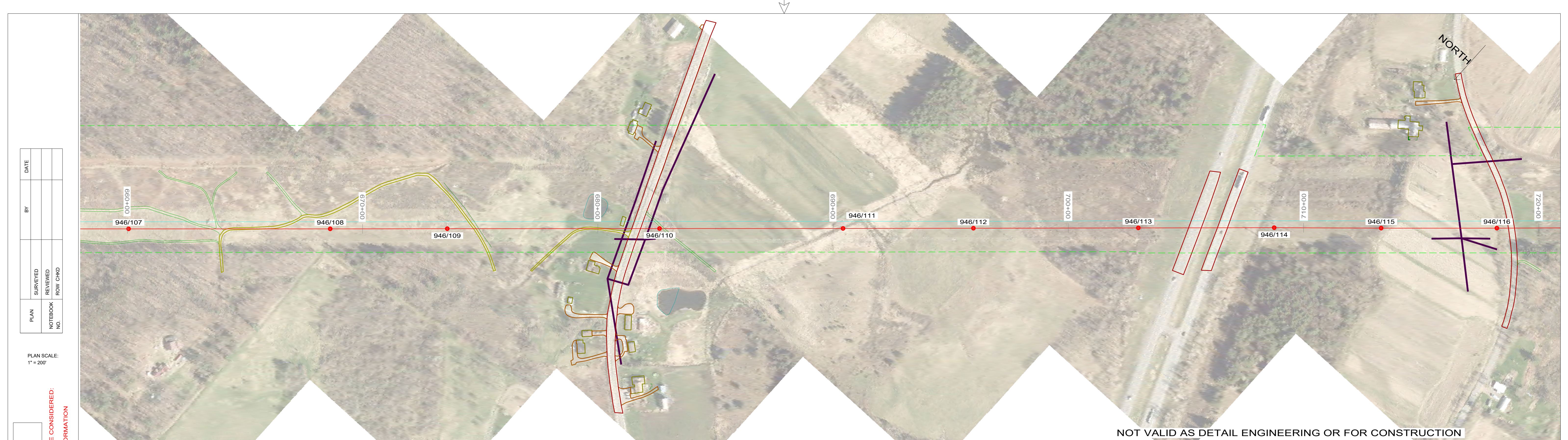


FROM STR 101 TO HWY THE DISTANCE TO THE ROW ON THE NORTH SIDE OF THE NEW ALIGNMENT IS 50'. FROM THE HWY TO STR 104 IT IS 95'.

NOT VALID AS DETAIL ENGINEERING OR FOR CONSTRUCTION



UNDERBUILD CONSTRUCTION TYPE	NEUTRAL CONDUCTOR TYPE	OHSW TYPE	CONDUCTOR TYPE	YR. CONST.	PE STAMP		JENNISSON TRANSMISSION SOLUTIONS PROJECT 115KV L946 NORTH POND S/S TO JENNISSON S/S PLAN AND PROFILE DRAWINGS SHEET 19 OF 51
TENSION	TENSION	DNO - 11467 72 FIBER	1192.5 KCMIL BUNTING ACSR	IWO	AVANGRID ENGINEERING CONFIDENTIAL, PROPRIETARY AND TRADE SECRET INFORMATION PROPERTY OF AVANGRID		
DESIGN TEMP.	DESIGN TEMP.	4,800 - 5,900 LBS (NESC HEAVY 250B)	8,000 - 10,000 LBS (NESC HEAVY 250B)	NOTES: HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHT	0-0D 09/06/2024 HAR/DAS ISSUED FOR PERMITTING 0-0C 05/16/2024 HAR/DAS L946 REBUILD 0-0B 08/14/2023 ADR/DAS L946 REBUILD 0-0A 07/06/2023 ADR/DAS L946 REBUILD	DR. HAR/DAS MILE FILE: CK. ADR/DAS NO. APP. ZRH/DAS	REV. 0-0D
		120 DEG MAX SAG FE	260 DEG MAX SAG FE	REV. DATE BY DESCRIPTION APP.	DATE	05/16/2024	



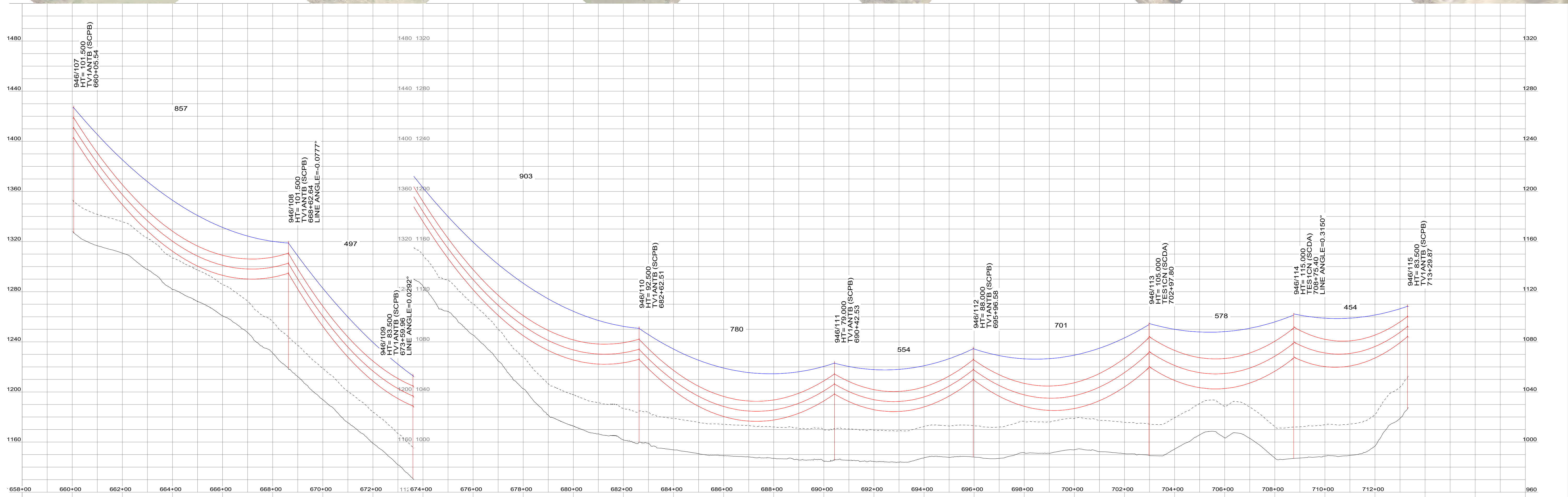
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UNDERBUILD CONSTRUCTION TYPE	NEUTRAL CONDUCTOR TYPE	OHSW TYPE	CONDUCTOR TYPE	YR. CONST.	W/O	PE STAMP	AVANGRID ENGINEERING CONFIDENTIAL, PROPRIETARY AND TRADE SECRET INFORMATION PROPERTY OF AVANGRID		JENNISSON TRANSMISSION SOLUTIONS PROJECT 115KV L946 NORTH POND S/S TO JENNISSON S/S PLAN AND PROFILE DRAWINGS	
TENSION	TENSION	DNO - 11467 72 FIBER	1192.5 KCMIL BUNTING ACSR	NOTES:	HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHT		NYSEG		SHEET 20 OF 51	
DESIGN TEMP.	DESIGN TEMP.	4,800 - 5,900 LBS (NESC HEAVY 250B)	8,000 - 10,000 LBS (NESC HEAVY 250B)	REV.	DATE	BY	DESCRIPTION	APP.	DATE:	05/16/2024
		120 DEG MAX SAG FE	260 DEG MAX SAG FE							

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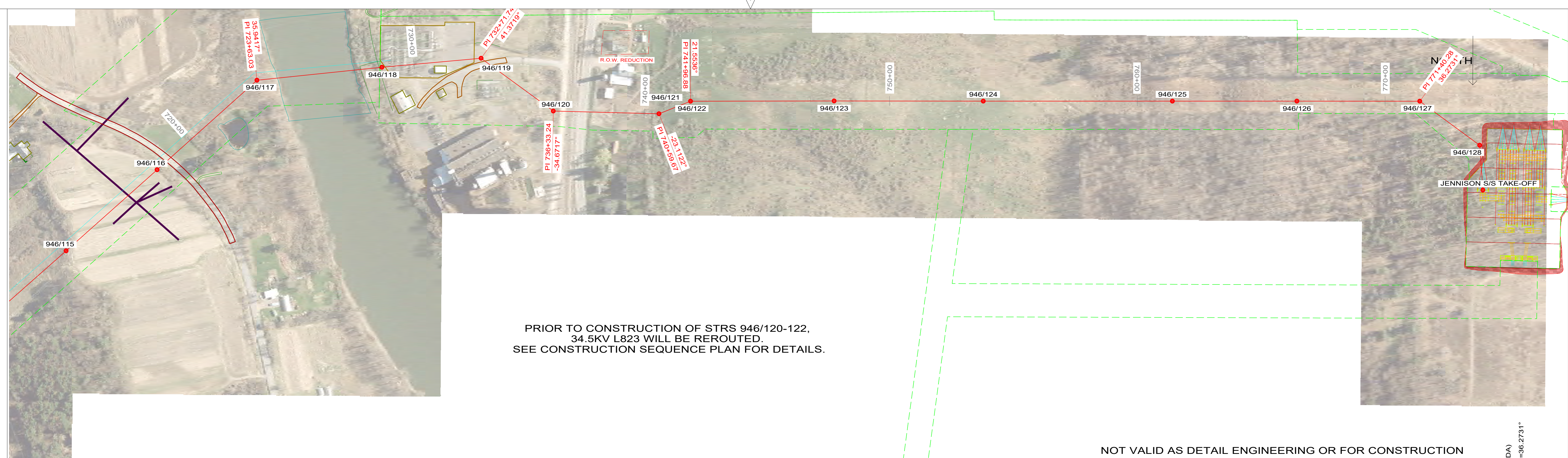
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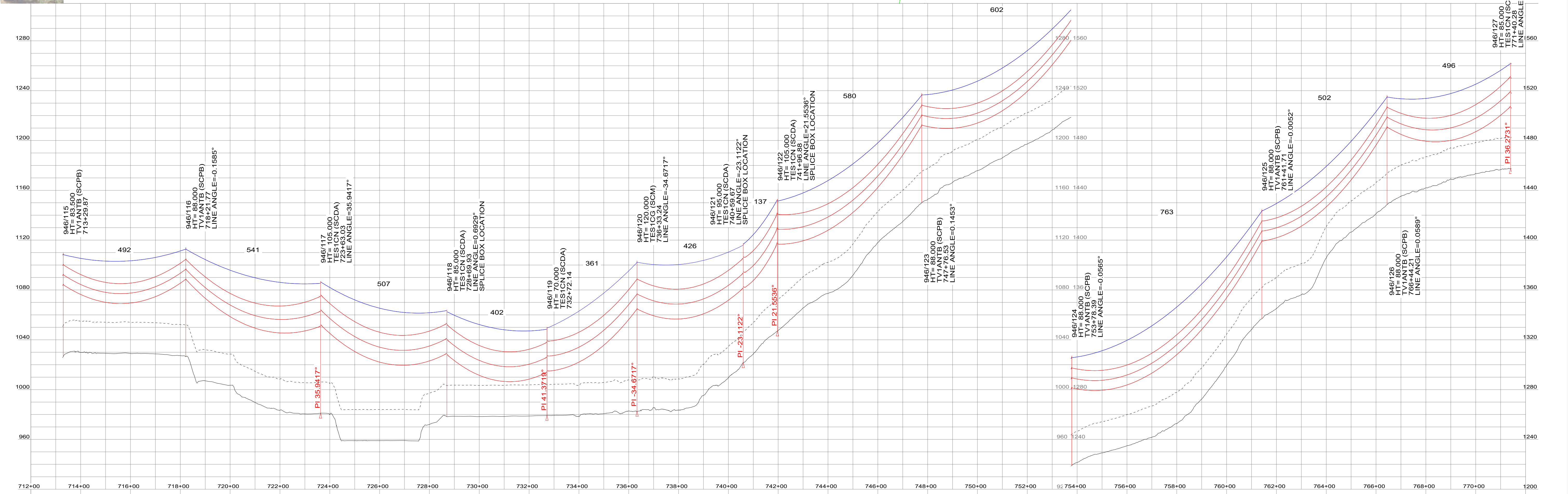
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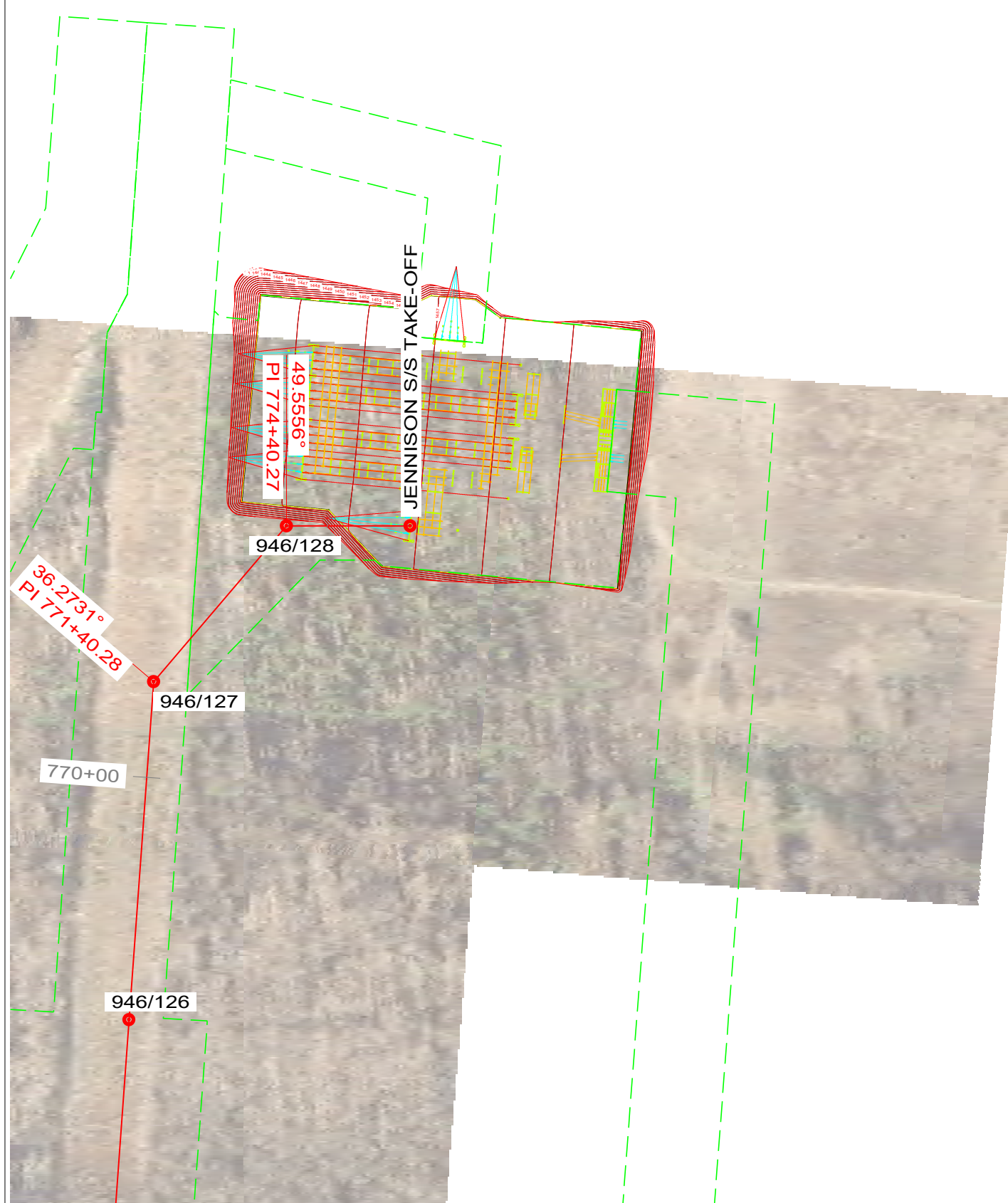
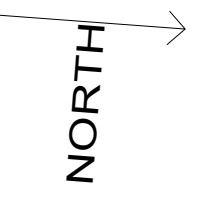


PRIOR TO CONSTRUCTION OF STRS 946/120-122,
34.5KV L823 WILL BE REROUTED.
SEE CONSTRUCTION SEQUENCE PLAN FOR DETAILS.

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UNDERBUILD CONSTRUCTION TYPE	NEUTRAL CONDUCTOR TYPE	OHSW TYPE	CONDUCTOR TYPE	YR. CONST.	PE STAMP	<p>AVANGRID ENGINEERING CONFIDENTIAL, PROPRIETARY AND TRADE SECRET INFORMATION PROPERTY OF AVANGRID</p> <p>NYSEG</p> <p>JENNISON TRANSMISSION SOLUTIONS PROJECT 115KV L946 NORTH POND S/S TO JENNISON S/S PLAN AND PROFILE DRAWINGS</p> <p>SHEET 21 OF 51</p> <p>REBUILD NYSEG - ONEONTA</p>																				
TENSION	TENSION	DNO - 11467 72 FIBER 3/8 & 7/16 7 STRAND EHS TENSION 4,800 - 5,900 LBS (NESC HEAVY 250B)	1192.5 KCMIL BUNTING ACSR PENGUIN ACSR TENSION 8,000 - 10,000 LBS (NESC HEAVY 250B)	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>L946 REBUILD</td> </tr> <tr> <td>0-0B</td> <td>08/14/2023</td> <td>ADR/DAS</td> <td>L946 REBUILD</td> </tr> <tr> <td>0-0A</td> <td>07/06/2023</td> <td>ADR/DAS</td> <td>L946 REBUILD</td> </tr> </table>		0-0D	09/06/2024	HAR/DAS	ISSUED FOR PERMITTING	0-0C	05/16/2024	HAR/DAS	L946 REBUILD	0-0B	08/14/2023	ADR/DAS	L946 REBUILD	0-0A	07/06/2023	ADR/DAS	L946 REBUILD				
0-0D	09/06/2024	HAR/DAS	ISSUED FOR PERMITTING																							
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0-0A	07/06/2023	ADR/DAS	L946 REBUILD																							
DESIGN TEMP.	DESIGN TEMP.	120 DEG MAX SAG FE	260 DEG MAX SAG FE	NOTES: HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHT	REV. DATE BY DESCRIPTION APP.	<table border="1"> <tr> <td>DR.</td> <td>HAR/DAS</td> <td>MILE</td> <td>FILE:</td> <td>REV.</td> </tr> <tr> <td>CK.</td> <td>ADR/DAS</td> <td>NO.</td> <td></td> <td>0-0D</td> </tr> <tr> <td>APP.</td> <td>ZRH/DAS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DATE:</td> <td>05/16/2024</td> <td></td> <td></td> <td></td> </tr> </table>	DR.	HAR/DAS	MILE	FILE:	REV.	CK.	ADR/DAS	NO.		0-0D	APP.	ZRH/DAS				DATE:	05/16/2024			
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UNDERBUILD CONSTRUCTION TYPE	NEUTRAL CONDUCTOR TYPE	OHSW TYPE	CONDUCTOR TYPE	YR. CONST.	W/O	PE STAMP
TENSION	TENSION	DNO - 11467 72 FIBER 7#7 ALUMOWELD TENSION 4,800 - 5,900 LBS (NESC HEAVY 250B)	1192.5 KCMIL BUNTING ACSR TENSION 8,000 - 10,000 LBS (NESC HEAVY 250B)			
DESIGN TEMP.	DESIGN TEMP.	120 DEG MAX SAG FE	260 DEG MAX SAG FE			

REV.	DATE	BY	DESCRIPTION	APP.

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AVANGRID ENGINEERING CONFIDENTIAL, PROPRIETARY AND TRADE SECRET INFORMATION PROPERTY OF AVANGRID					
0-0D	09/06/2024	HAR/DAS	ISSUED FOR PERMITTING		
0-0C	05/16/2024	HAR/DAS	L946 REBUILD		
0-0B	08/14/2023	ADR/DAS	L946 REBUILD		
0-0A	07/06/2023	ADR/DAS	L946 REBUILD		

JENNISON TRANSMISSION SOLUTIONS PROJECT 115KV L946 NORTH POND S/S TO JENNISON S/S PLAN AND PROFILE DRAWINGS			
SHEET 22 OF 51			
REBUILD		NYSEG - ONEONTA	
DR.	HAR/DAS	FILE:	
CK.	ADR/DAS	NO.	
APP.	ZRH/DAS		
REV.	DATE		
	05/16/2024		

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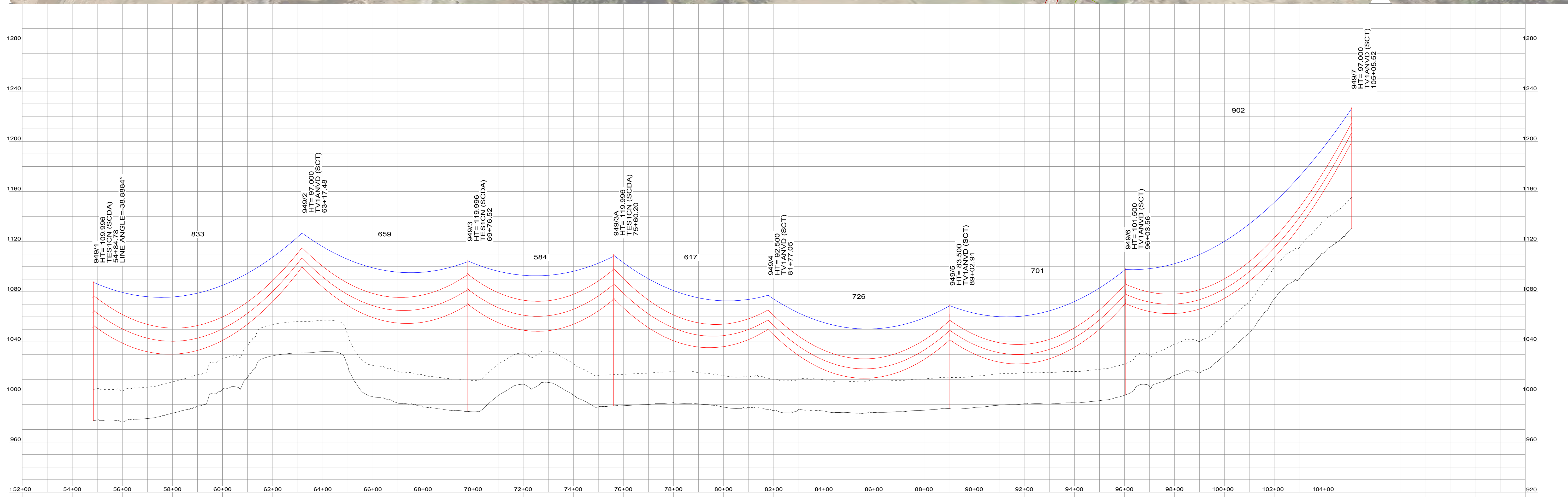
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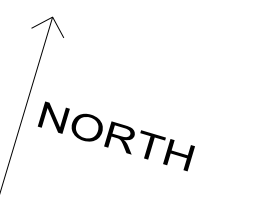
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TENSION	TENSION	DNO - 11467 72 FIBER	1192.5 KCMIL BUNTING ACSR	W/O	<table border="1"> <tr> <td>0-0D</td> <td>09/06/2024</td> <td>HAR/DAS</td> <td>ISSUED FOR PERMITTING</td> </tr> <tr> <td>0-0C</td> <td>05/16/2024</td> <td>HAR/DAS</td> <td>L949 REBUILD</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
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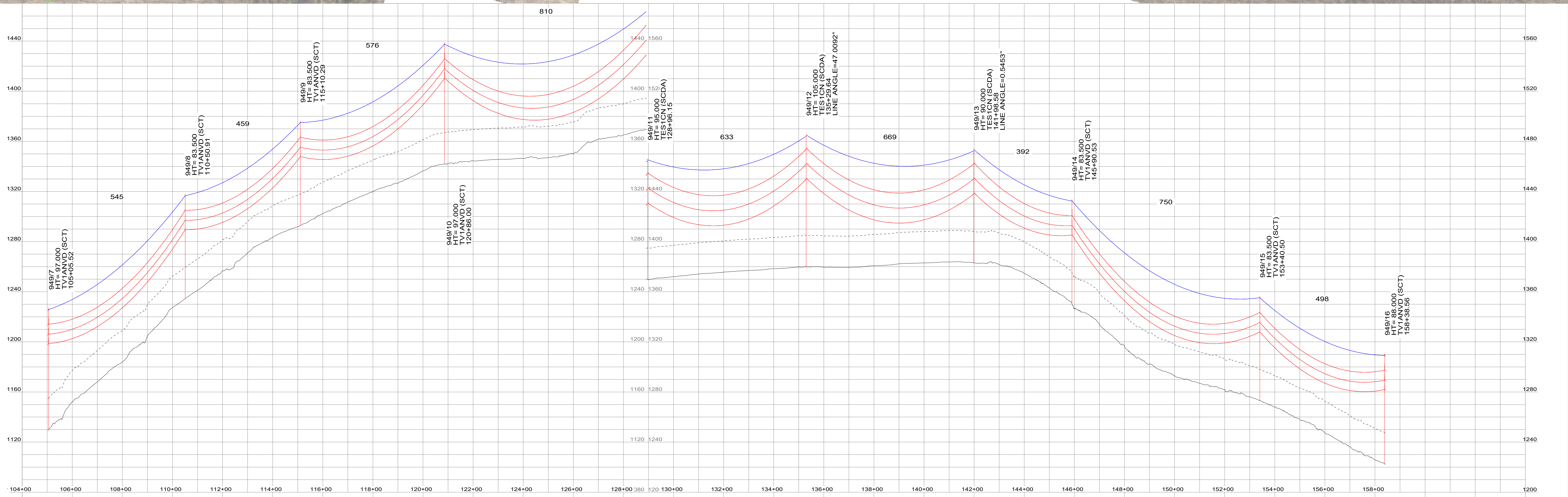
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TENSION	TENSION	DNO - 11467 72 FIBER	1192.5 KCMIL BUNTING ACSR	IWO				0-0D 09/06/2024 HAR/DAS ISSUED FOR PERMITTING 0-0C 05/16/2024 HAR/DAS L949 REBUILD 0-0B 08/14/2023 ADR/DAS L949 REBUILD 0-0A 07/06/2023 ADR/DAS L949 REBUILD	REBUILD NYSEG - ONEONTA
DESIGN TEMP.	DESIGN TEMP.	4,800 - 6,000 LBS (NESC HEAVY 250B)	8,000 - 12,000 LBS (NESC HEAVY 250B)	NOTES: HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHT		REV. DATE BY DESCRIPTION APP.	DATE: 05/16/2024	REV. 0-0D	