

New York State Electric & Gas Corporation

Steuben-Chemung Area Transmission Enhancement Project

Exhibit 5 Design Drawings

Part 14 of 23

ANSI D CADD DRAWING DO NOT REVISE MANUALLY.

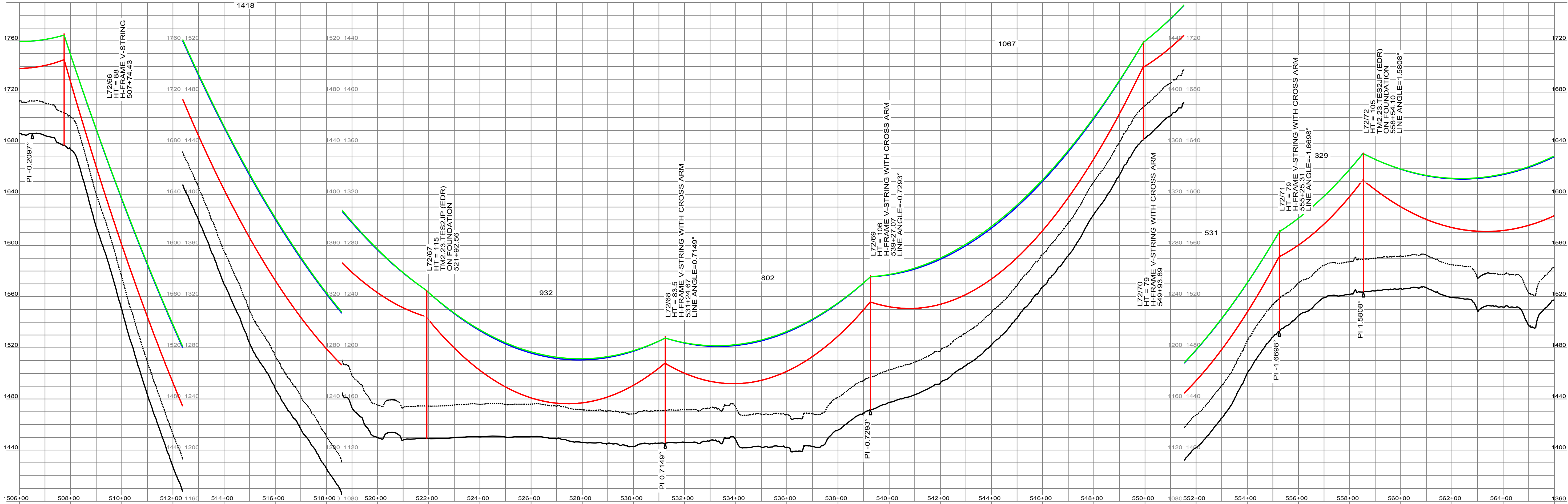
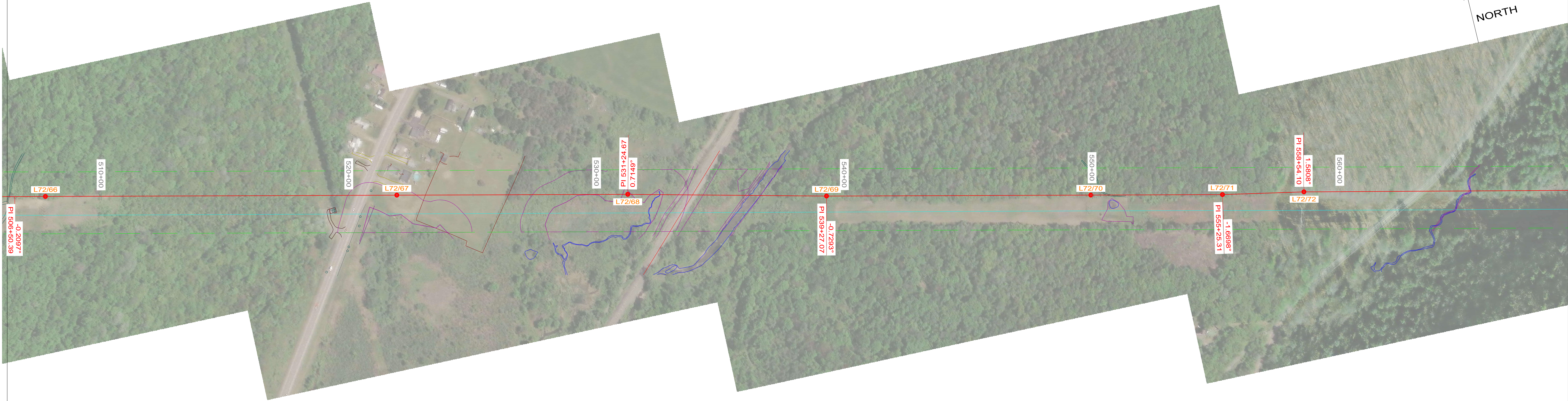
PROFILE	SURVEYED	REVIEWED	NOTES REDUCED
NOTEBOOK NO.			

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

PLAN	SURVEYED	REVIEWED	DATE
NOTEBOOK NO.			

PLAN SCALE:
1" = 200'

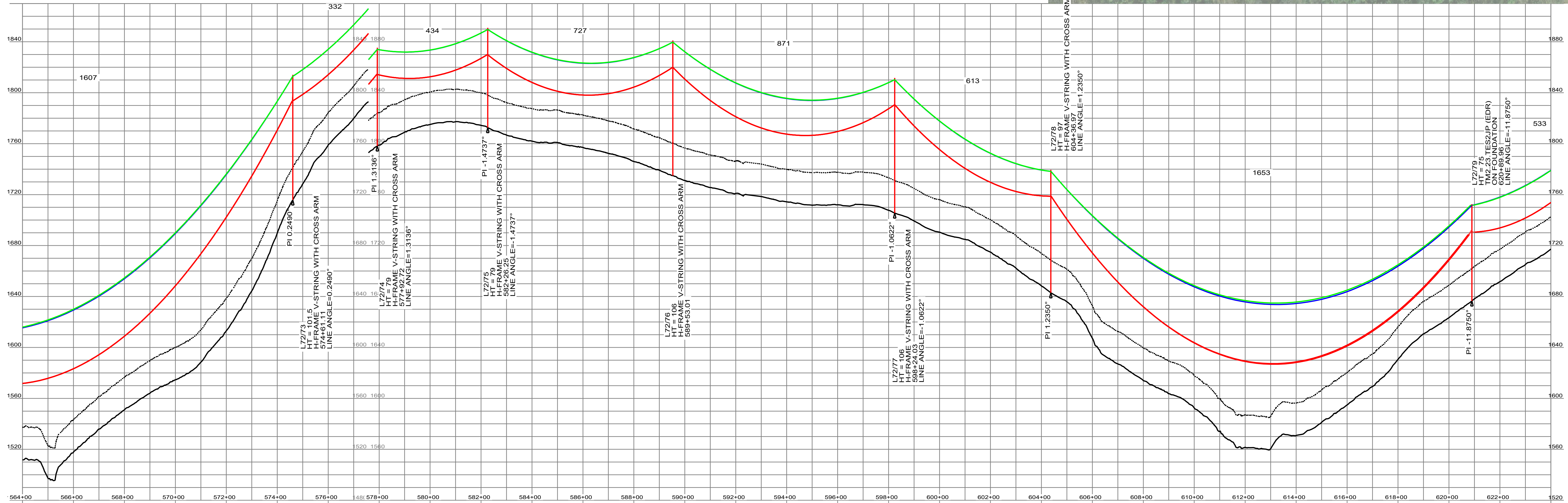
NOT VALID FOR DETAIL ENGINEERING OR CONSTRUCTION



CADD DRAWING	UNDERBUILD CONSTRUCTION TYPE	NEUTRAL CONDUCTOR TYPE	OHSW TYPE 7#7 ALUMOWELD DNO - 11467 72 FIBER	CONDUCTOR TYPE 2156 KCMIL BLUEBIRD ACSR	YR. CONST. W/O				PE STAMP	AVANGRID ENGINEERING PROPERTY OF AVANGRID 				STUEBEN - CHEMUNG AREA TRANSMISSION ENHANCEMENT 230KV L72 STONEY RIDGE S/S TO HILLSIDE S/S PLAN AND PROFILE DRAWINGS							
	TENSION	TENSION	TENSION 4,200 - 6,200 LBS (NESC HEAVY)	TENSION 10,000 - 16,000 LBS (NESC HEAVY)	NOTES: HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHTS OF THE STRUCTURE'S TALLEST POLE					SHEET 33 OF 51											
	DESIGN TEMP.	DESIGN TEMP.	DESIGN TEMP. 120 DEG MAX SAG FE	DESIGN TEMP. 260 DEG MAX SAG FE						REBUILD NYSEG - BATH/ELMIRA											
ANSI D					REV.	DATE	BY	DESCRIPTION	APP.		0-0C	02/2025	ADR/DAS	ISSUED FOR PERMITTING	ZRH/DAS	DR.	ADR/DAS	MILE	FILE:		REV.
											0-0B	11/22/24	ADR/DAS	ISSUED FOR APPROVAL	ZRH/DAS	CK.	ZRH/DAS	NO.			0-0C
											0-0A	03/13/24	ADR/DAS	ISSUED FOR REVIEW	ZRH/DAS	APP.	ZRH/DAS	DATE:	02/2025		

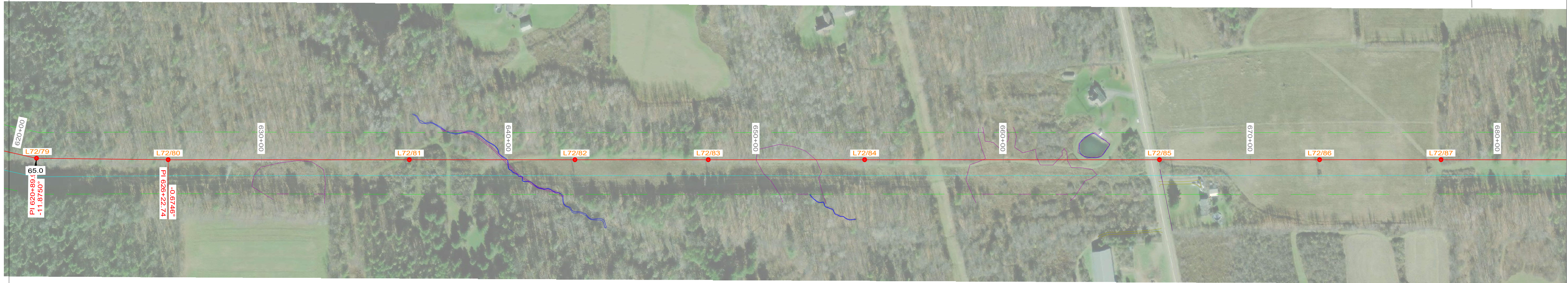
PLAN SCALE:
1" = 200'

PLAN SCALE:
1" = 200'

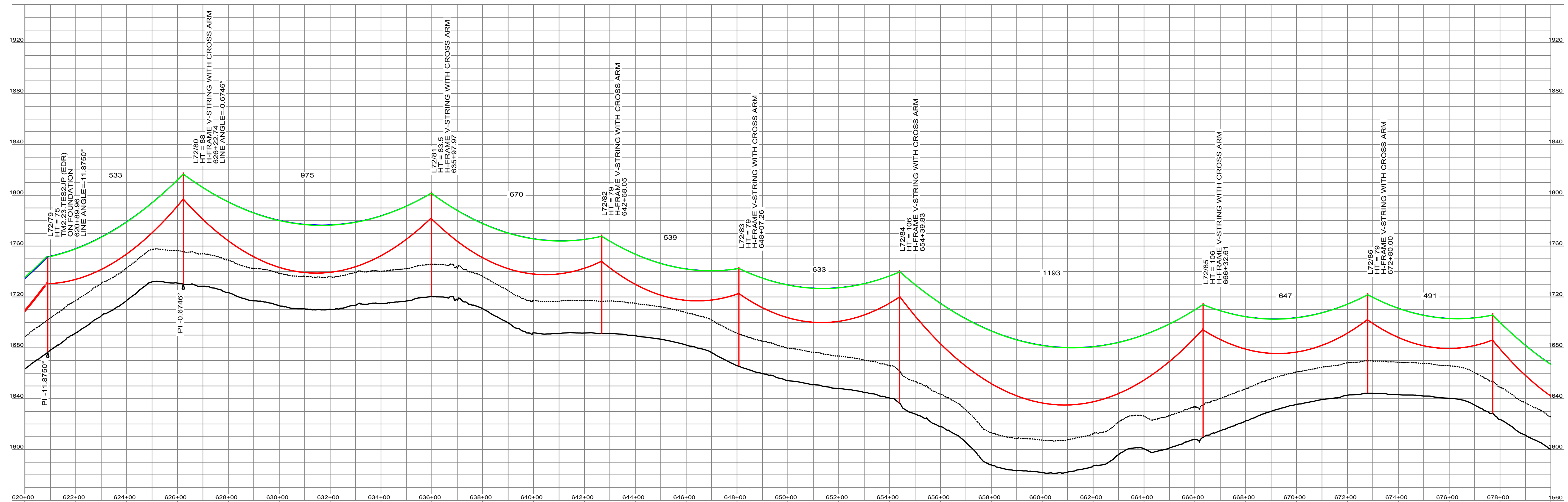


CADD DRAWING ANSI D	UNDERBUILD CONSTRUCTION TYPE	NEUTRAL CONDUCTOR TYPE	OHSW TYPE 7#7 ALUMOWELD DNO - 11467 72 FIBER	CONDUCTOR TYPE 2156 KCMIL BLUEBIRD ACSR	YR. CONST.					W/O					PE STAMP					<u>AVANGRID ENGINEERING</u>										STEUBEN - CHEMUNG AREA TRANSMISSION ENHANCEMENT 230KV L72 STONEY RIDGE S/S TO HILLSIDE S/S PLAN AND PROFILE DRAWINGS																																
	TENSION	TENSION	TENSION	TENSION	NOTES: HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHTS OF THE STRUCTURE'S TALLEST POLE																				PROPERTY OF AVANGRID					SHEET 34 OF 51																																
	DESIGN TEMP.	DESIGN TEMP.	DESIGN TEMP.	DESIGN TEMP.																					REBUILD					NYSEG - BATH/ELMIRA																																
	4,200 - 6,200 LBS (NESC HEAVY)	10,000 - 16,000 LBS (NESC HEAVY)																																																												
	120 DEG MAX SAG FE	260 DEG MAX SAG FE																																																												
	REV.	DATE	BY	DESCRIPTION					APP.										REV.					DATE					BY					DESCRIPTION					APP.					DATE					02/2025													

NORTH



PLAN SCALE
1" = 200'



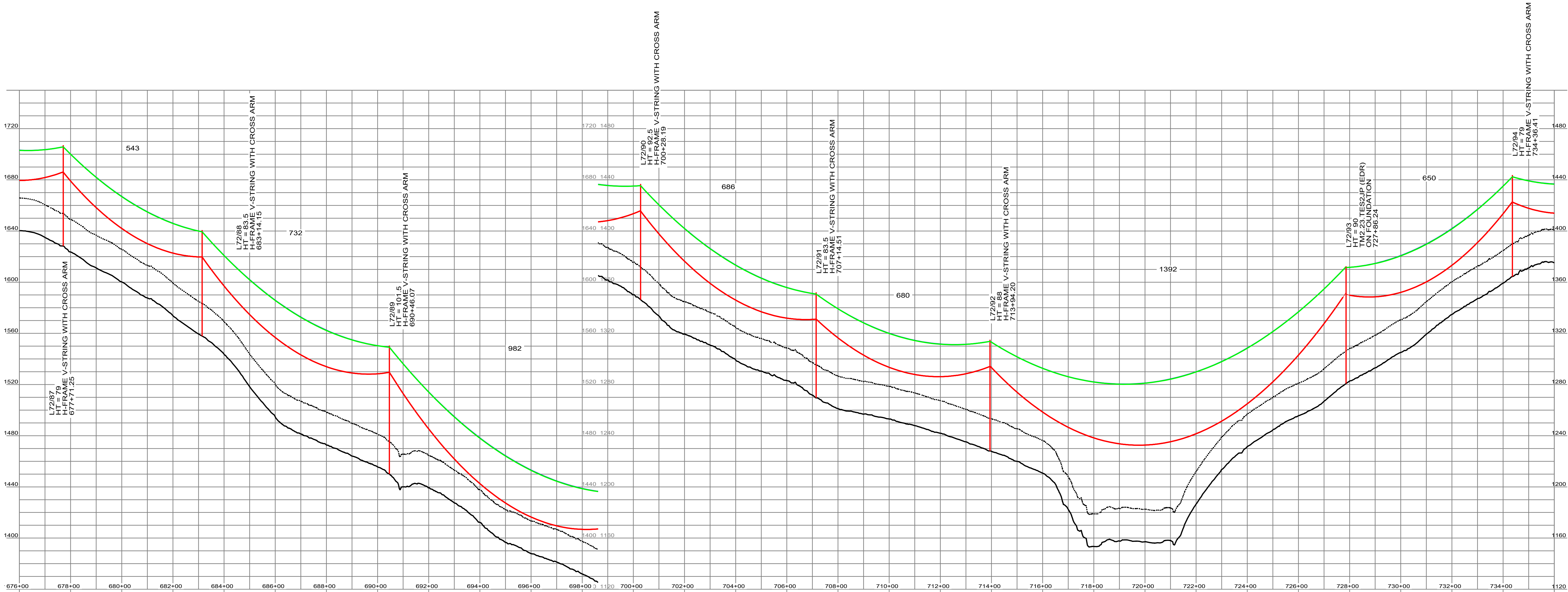
CADD DRAWING ID	UNDERBUILD CONSTRUCTION TYPE	NEUTRAL CONDUCTOR TYPE	OHSW TYPE 7#7 ALUMOWELD DNO - 11467 72 FIBER	CONDUCTOR TYPE 2156 KCMIL BLUEBIRD ACSR	YR. CONST.				W/O				PE STAMP		AVANGRID ENGINEERING PROPERTY OF AVANGRID  STEUBEN - CHEMUNG AREA TRANSMISSION ENHANCEMENT 230KV L72 STONEY RIDGE S/S TO HILLSIDE S/S PLAN AND PROFILE DRAWINGS SHEET 35 OF 51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	TENSION	TENSION	TENSION 4,200 - 6,200 LBS (NESC HEAVY)	TENSION 10,000 - 16,000 LBS (NESC HEAVY)	NOTES: HEIGHT IN STRUCTURE COMMENTS REFERS TO ABOVE GROUND HEIGHTS OF THE STRUCTURE'S TALLEST POLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	DESIGN TEMP.	DESIGN TEMP.	DESIGN TEMP. 120 DEG MAX SAG FE	DESIGN TEMP. 260 DEG MAX SAG FE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
ANSI D					REV.	DATE	BY	DESCRIPTION				APP.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</

NOT VALID FOR DETAIL ENGINEERING OR CONSTRUCTION

NORTH

PLAN	NOTEBOOK NO.	SURVEYED	REVIEWED	BY	DATE

PLAN SCALE:
1" = 200'



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

CADD DRAWING DO NOT REVISE MANUALLY.

PROFILE	NOTEBOOK NO.	SURVEYED	REVIEWED	BY	DATE

→

←

ANSI D

CADD DRAWING
--