

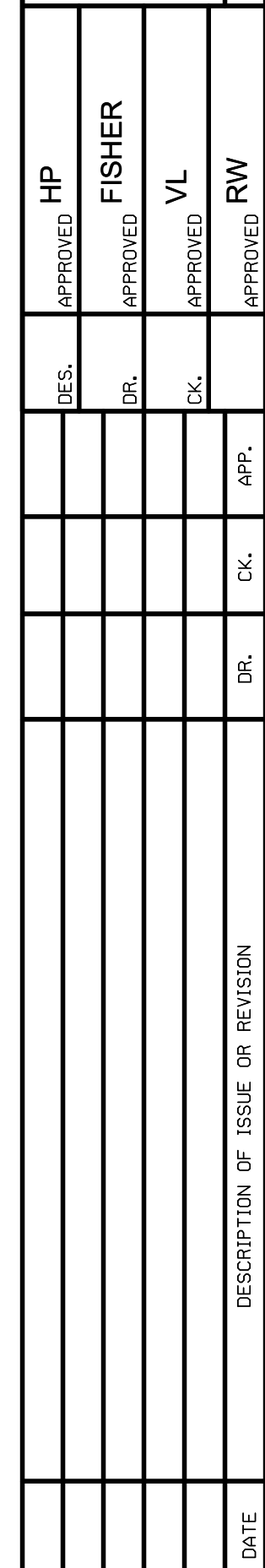
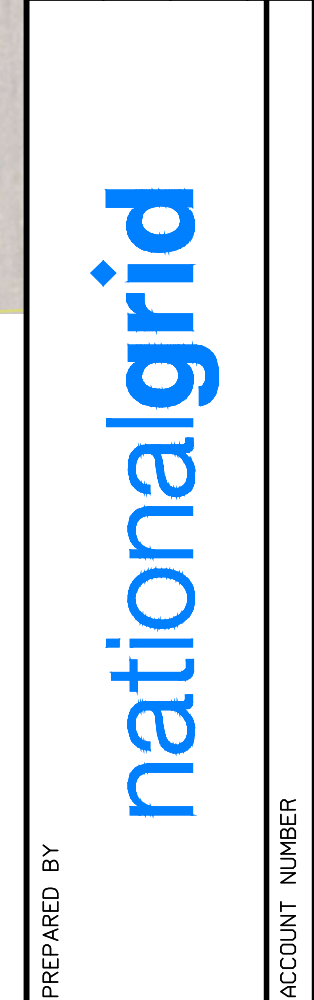
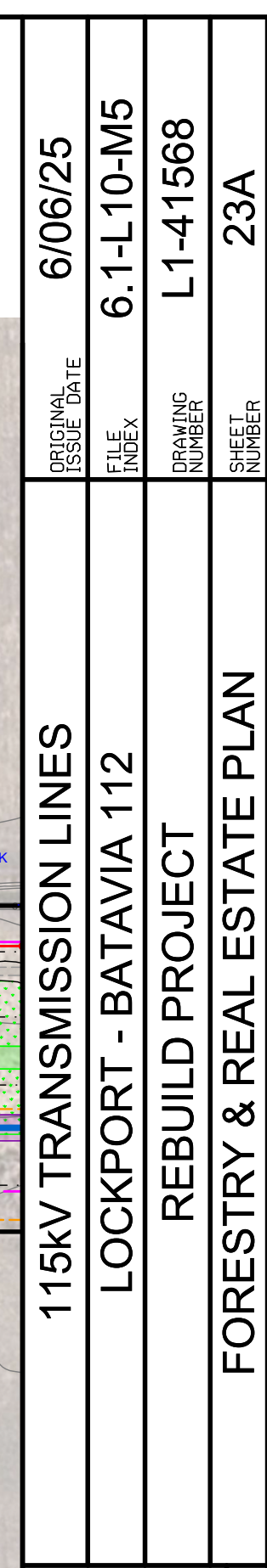


**Lockport-Batavia Line #112
Rebuild Project**

Appendix A

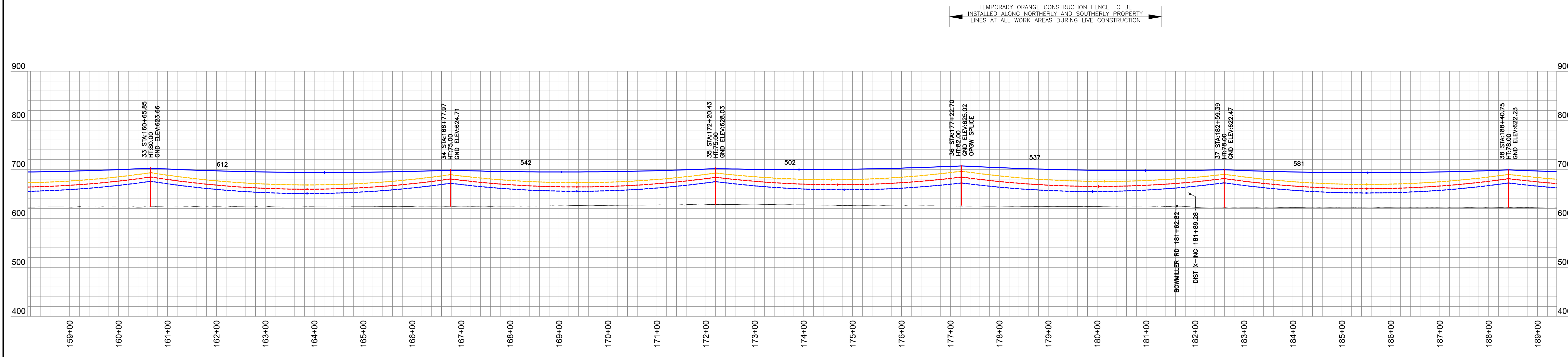
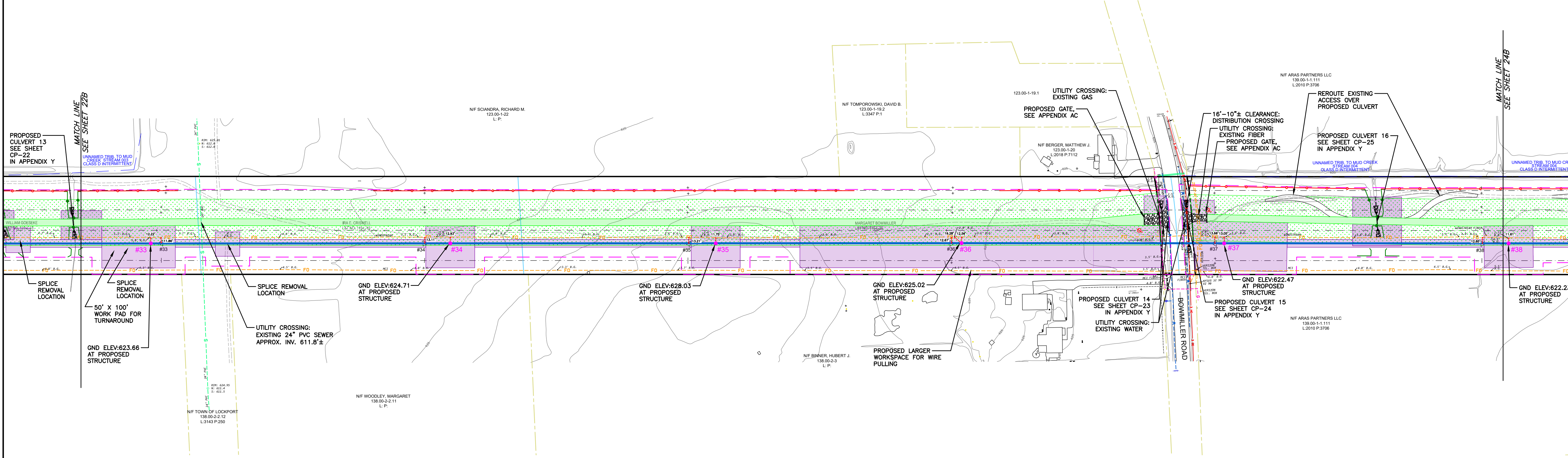
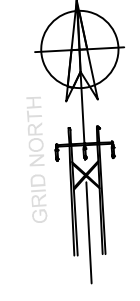
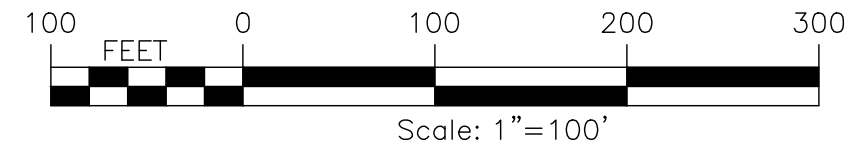
Plan & Profile Drawings

Part 4 of 11



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TOWN OF LOCKPORT T.D. 5119 - NIAGARA COUNTY
PLAN VIEW



LOCKPORT - BATAVIA 112 LINE (FROM 1- 5 TO 211)																		
EXISTING STR NUMBER	NEW STR NUMBER	TYPE	EXISTING STRUCTURE						TYPE	POLE 1			POLE 2		POLE 3		FOUNDATION TYPE	NOTES
			POLE 1		POLE 2		POLE 3			MATERIAL	HT, FT (TOTAL/ EMB)	CL	HT, FT (TOTAL/ EMB)	CL	HT, FT (TOTAL/ EMB)	CL		
			HT (FT, AGL)	CL	HT (FT, AGL)	CL	HT (FT, AGL)	CL										
33	33	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	100/20	H3					INSTALL DIRECT EMBED (1)	
34	34	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	95/20	H3					INSTALL DIRECT EMBED (1)	
35	35	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	95/20	H3					INSTALL DIRECT EMBED (1)	
36	36	SC STL TRI LEGGED TOWER SUSP	57						SPDE	STEEL	80/0	N/A					INSTALL CONCRETE CAISSON (1)	
37	37	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	100/22	H3					INSTALL DIRECT EMBED (1)	
38	38	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	100/22	H3					INSTALL DIRECT EMBED (1)	

LOCKPORT - BATAVIA LINE 112			
OPGW 1/2"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
15	36	521.23	5000
36	56	526.50	5000

LOCKPORT - BATAVIA LINE 112			
795 KCMIL ACSR "DRAKE"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
15	36	521.23	8000
36	56	526.47	8000

CONDUCTOR DISPLAYED AT 257° F
SHIELDWIRE DISPLAYED AT 120° F

PREPARED FOR CONSTRUCTION GROUP USE

HOWEVER, THIS SHEET SHOULD NOT BE CONSIDERED THE SOLE SOURCE OF INFORMATION REQUIRED FOR THE CONSTRUCTION OF THAT PORTION OF THE PROJECT DEPICTED ON THIS SHEET AND SHOULD ONLY BE USED IN CONJUNCTION WITH SHEETS OF THE SAME NUMBER CONTAINED IN THIS SET OF PLANS.

15KV TRANSMISSION LINES
LOCKPORT - BATAVIA 112
REBUILD PROJECT
CONSTRUCTION PLAN & PROFILE

6/06/25
6.1-L10-M5
L1-41568
23B

nationalgrid

PREPARED BY
HP
FISHER
VL
RW

APPROVED
BESS
R/R
CK
APP.
DR.

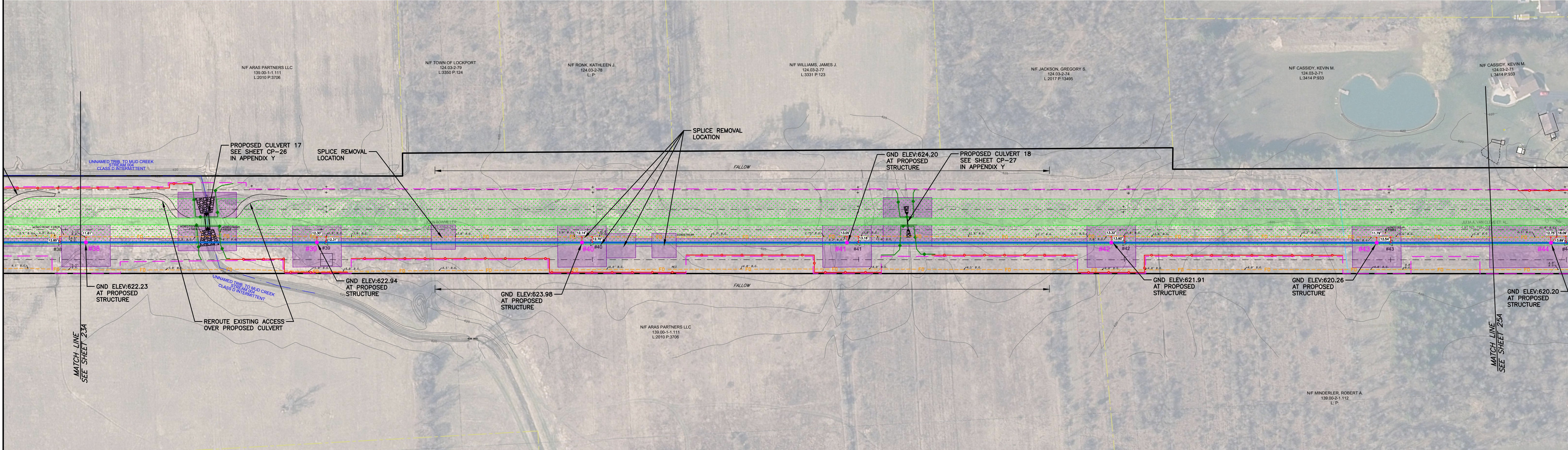
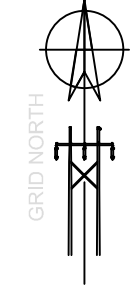
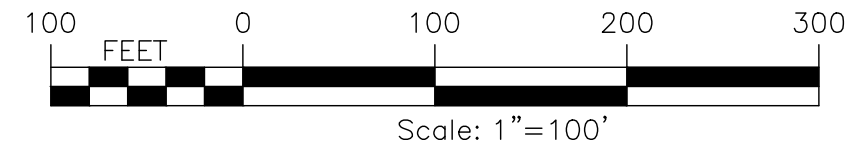
ACCOUNT NUMBER

DATE

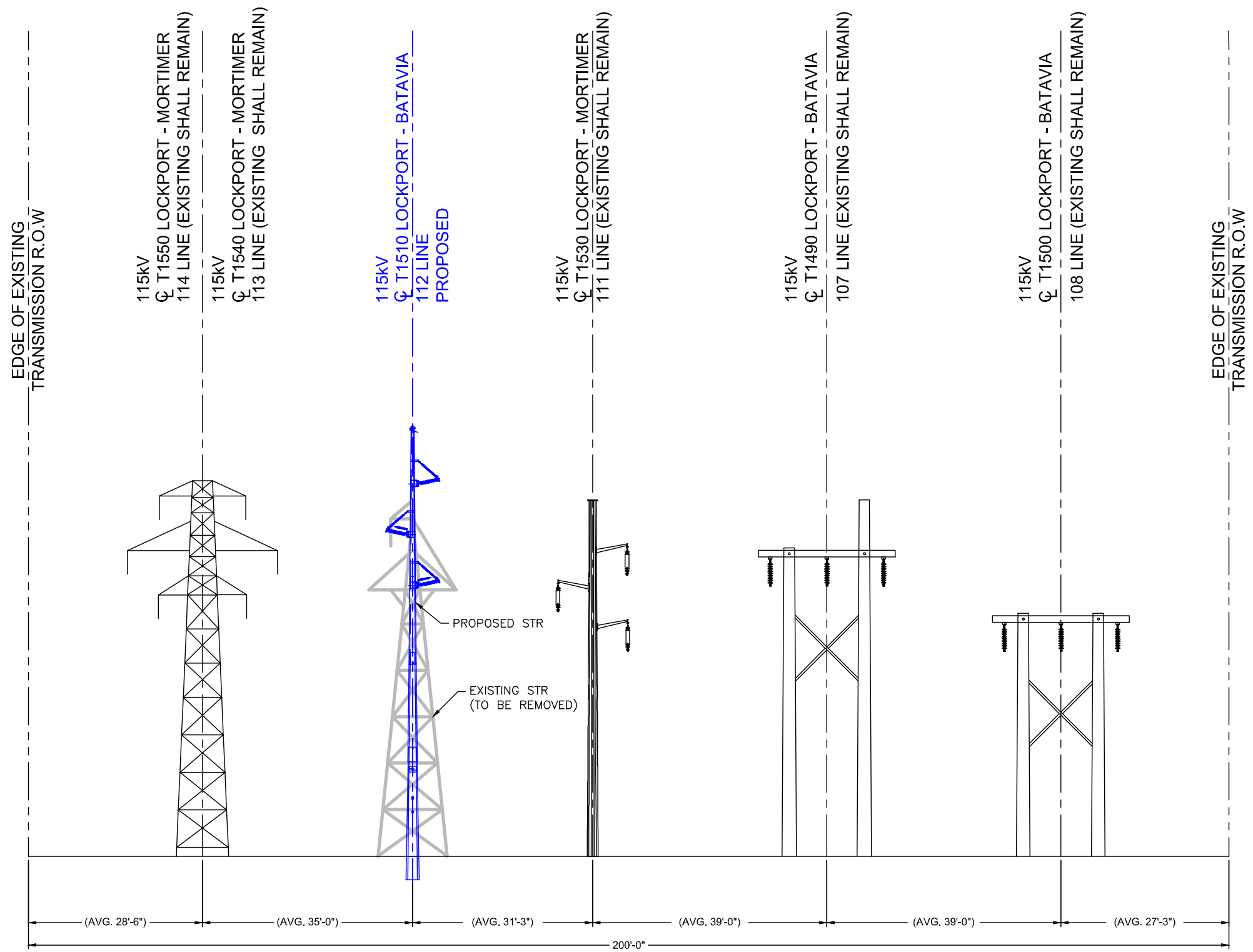
DESCRIPTION OF ISSUE OR REVISION

1
2
3
4
5
6

TOWN OF LOCKPORT T.D. 5119 - NIAGARA COUNTY
PLAN VIEW



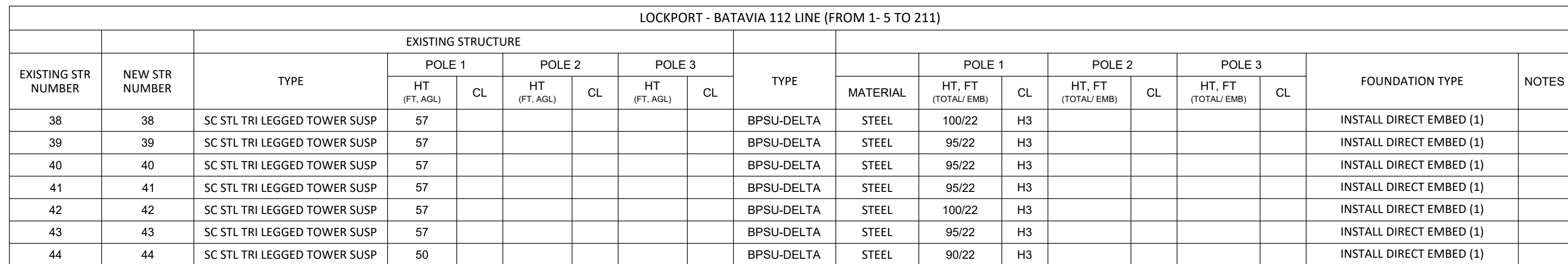
TEMPORARY ORANGE CONSTRUCTION FENCE TO BE INSTALLED ALONG
NORTHERLY PROPERTY LINES AT ALL WORK AREAS DURING LIVE CONSTRUCTION



NIAGARA MOHAWK POWER CORP.
PROPOSED CROSS-SECTION CONFIGURATION
FACING LOCKPORT SUBSTATION
STRUCTURES 37 TO 55

EXISTING FEATURES		PROPOSED FEATURES		PROPOSED PERMANENT EASEMENT		WILDLIFE MANAGEMENT AREA	
	PROPERTY COUNTY TAX MAP		DELINEATED WETLANDS		TRANSMISSION LINES (115kV)		WILDLIFE MANAGEMENT AREA
	CONTOUR LINE		WATER BODY		PROPOSED STRUCTURE LOCATION		EROSION CONTROL FILTER STRIP
	TOWN LINE		PROPOSED STR		PROPOSED INVASIVE SPECIES CLEANING STATION		TYPE 2 - PERMANENT ACCESS ROADS & WORK AREAS
	FENCE		EXISTING STR (TO BE REMOVED)		GATE TO BE INSTALLED		TYPE 3 - TIMBER MAT DURING CONSTRUCTION PREVIOUS POST CONSTRUCTION
	OVERHEAD ELECTRIC		FILTER SOCK		TEMPORARY STABILIZED CONSTRUCTION ENTRANCE		TYPE 4 - TEMPORARY CONSTRUCTION WORK AREAS, PULLING PADS OR ACCESS, IMPROVE AS NECESSARY
	UNDER GROUND ELECTRIC		CULVERT		LIMIT OF DISTURBANCE		TYPE 5 - TIMBER MAT ACCESS ROADS & WORK AREAS
	UNDER GROUND GAS LINE		BOX CULVERT		FENCE		TYPE 6 - BERM ACCESS, IMPROVE AS NECESSARY
	UNDER GROUND FIBER OPTIC		ROCK OUTLET PROTECTION		PARK BOUNDARY LINE		
	UNDER GROUND WATER		DITCH		FEMA FLOODPLAIN		
	UNDER GROUND PETROLEUM						
	UNDER GROUND STORM SEWER						
	UNDERGROUND SANITARY SEWER						
	UNDERGROUND TELEPHONE						
	NIAGARA MOHAWK POWER CORP. EXISTING PROPERTY LINES						
	NIAGARA MOHAWK POWER CORP. EXISTING EASEMENT LIMITS						
	NIAGARA MOHAWK POWER CORP. LEGACY PROPERTY LINES						
	NIAGARA MOHAWK POWER CORP. TAX MAP IDENTIFICATION NUMBER (S.B.L.)						
	SUB-TRANSMISSION & TRANSMISSION LINES						
	WOOD POLES						
	FLEX TOWERS						
	SQUARE BASE TOWERS						
	3 LEGGED TOWERS						
	GUY WIRES						
	CULVERT						
	DITCH						
	STREAM CENTERLINE, I.D. NUMBER CLASS						
	STREAM BANK, I.D. NUMBER & CLASS						
	DEC WETLAND						
	DEC WETLAND 100' ADJACENT AREA						

ORIGINAL DATE	6/06/25	115KV TRANSMISSION LINES	LOCKPORT - BATAVIA 112	REBUILD PROJECT	FORESTRY & REAL ESTATE PLAN	24A
ISSUE	6.1-L10-M5					
DRAWING NUMBER	L1-41508					
NUMBER						
DATE						



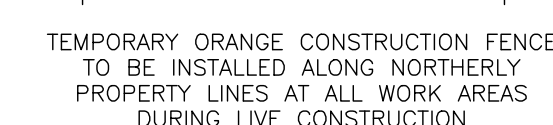
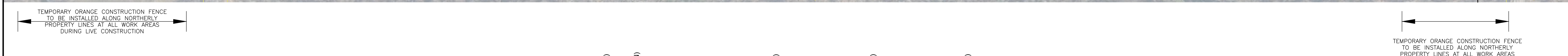
LOCKPORT - BATAVIA LINE 112			
795 KCMIL ACSR "DRAKE"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
36	56	526.47	8000

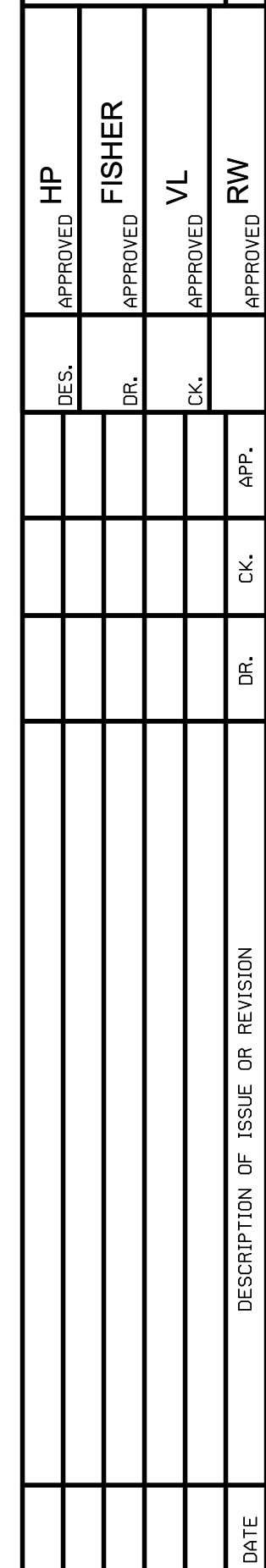
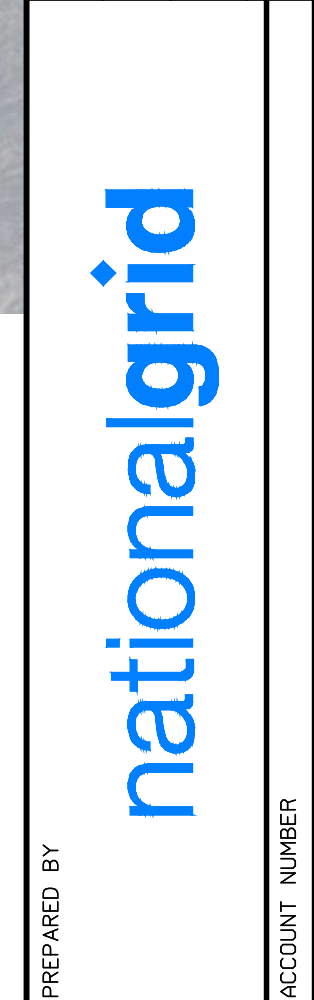
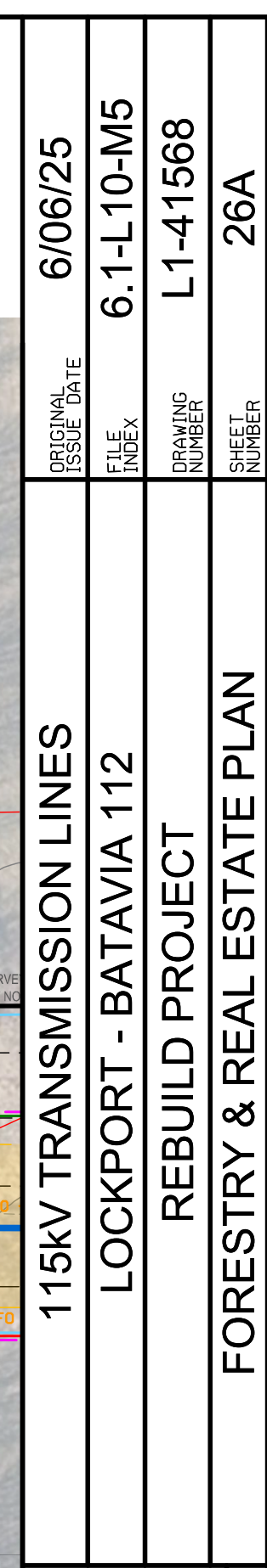
CONDUCTOR DISPLAYED AT 257° F
SHIELDWIRE DISPLAYED AT 120°F

PREPARED FOR CONSTRUCTION GROUP USE

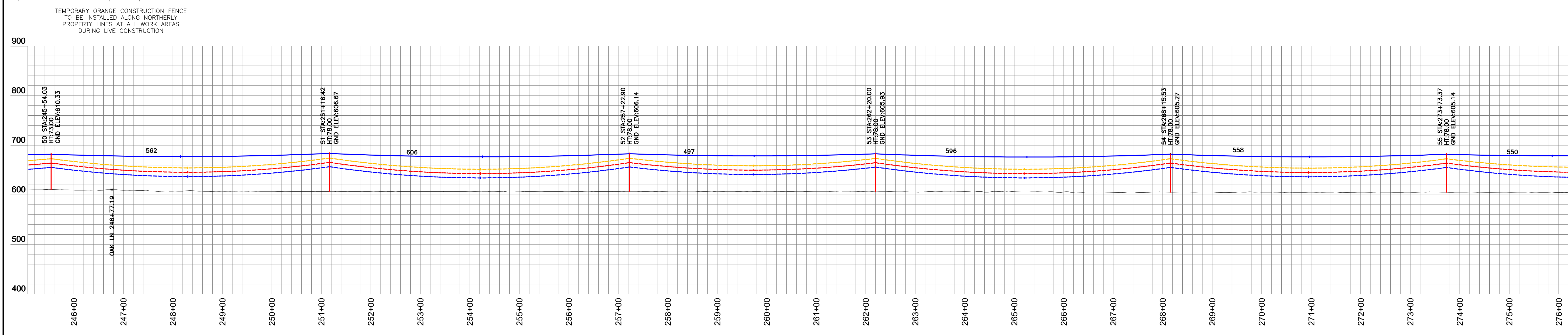
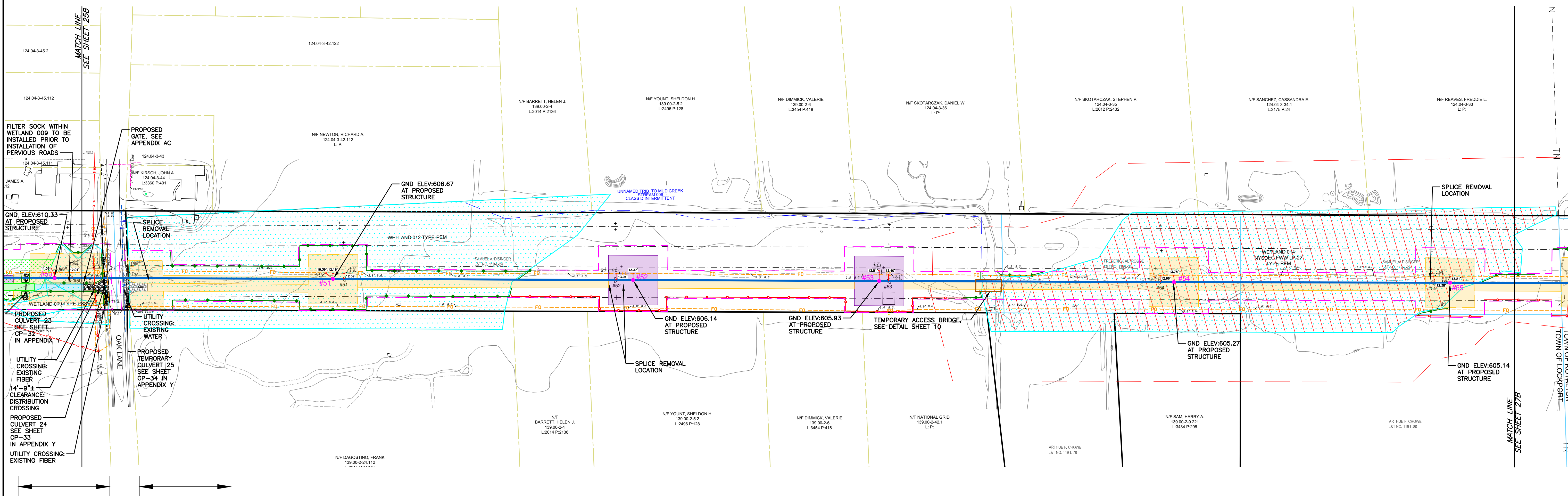
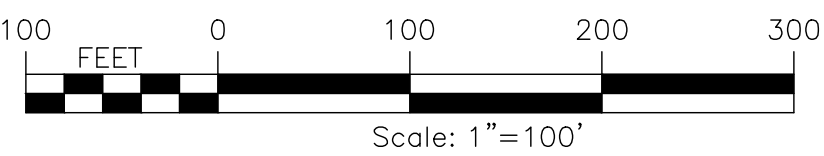
HOWEVER, THIS SHEET SHOULD NOT BE CONSIDERED
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CONJUNCTION WITH SHEETS OF THE SAME NUMBER
CONTAINED IN THIS SET OF PLANS.

[illegible]

[illegible][illegible]



TOWN OF LOCKPORT T.D. 5119 - NIAGARA COUNTY
PLAN VIEW



LOCKPORT - BATAVIA 112 LINE (FROM 1- 5 TO 211)																		
EXISTING STR NUMBER	NEW STR NUMBER	TYPE	EXISTING STRUCTURE						TYPE	POLE 1			POLE 2		POLE 3		FOUNDATION TYPE	NOTES
			POLE 1		POLE 2		POLE 3			MATERIAL	HT, FT (TOTAL/ EMB)	CL	HT, FT (TOTAL/ EMB)	CL	HT, FT (TOTAL/ EMB)	CL		
			HT (FT, AGL)	CL	HT (FT, AGL)	CL	HT (FT, AGL)	CL										
50	50	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	95/22	H3					INSTALL DIRECT EMBED (1)	
51	51	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	100/22	H3					INSTALL DIRECT EMBED (1)	
52	52	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	100/22	H3					INSTALL DIRECT EMBED (1)	
53	53	SC STL TRI LEGGED TOWER SUSP	58						BPSU-DELTA	STEEL	100/22	H3					INSTALL DIRECT EMBED (1)	
54	54	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	100/22	H3					INSTALL DIRECT EMBED (1)	
55	55	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	100/22	H3					INSTALL DIRECT EMBED (1)	

LOCKPORT - BATAVIA LINE 112			
OPGW 1/2"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
36	56	526.50	5000

LOCKPORT - BATAVIA LINE 112			
795 KCMIL ACSR "DRAKE"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
36	56	526.47	8000

CONDUCTOR DISPLAYED AT 257° F
SHIELDWIRE DISPLAYED AT 120°F

PREPARED FOR CONSTRUCTION GROUP USE

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115KV TRANSMISSION LINES
LOCKPORT - BATAVIA 112
REBUILD PROJECT
CONSTRUCTION PLAN & PROFILE

6/06/25
6.1-L10-M5
L1-41568
26B

nationalgrid

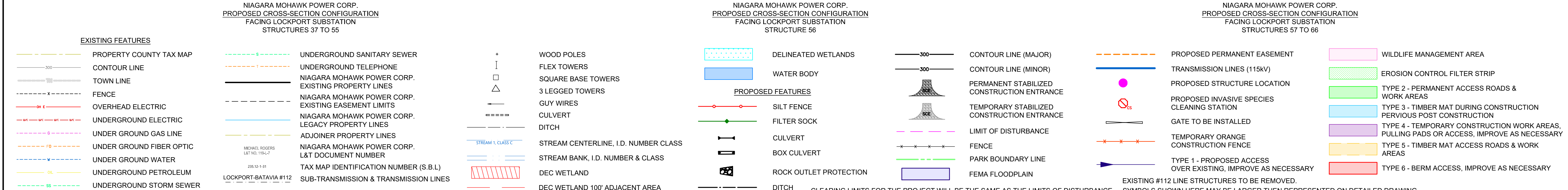
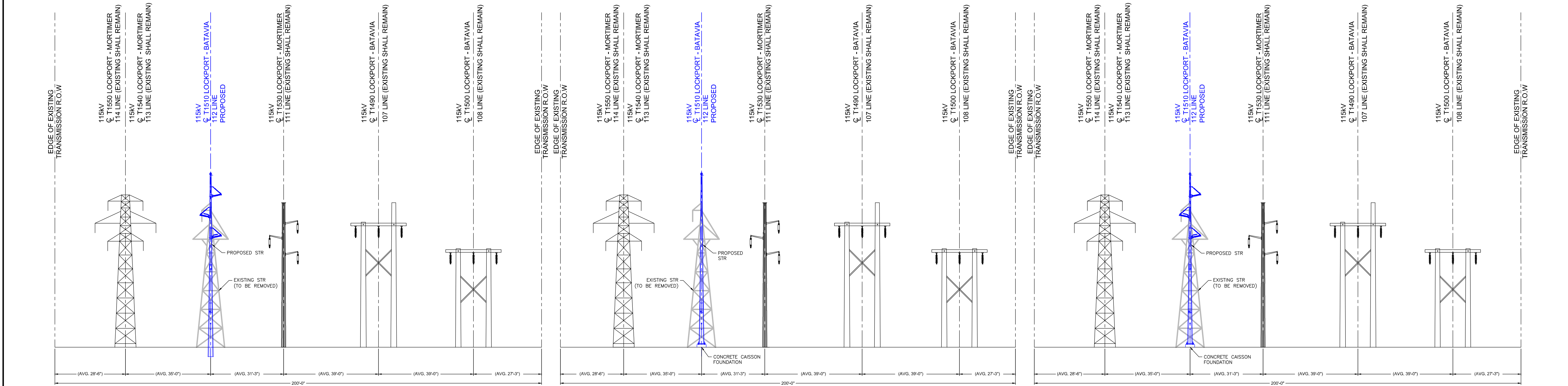
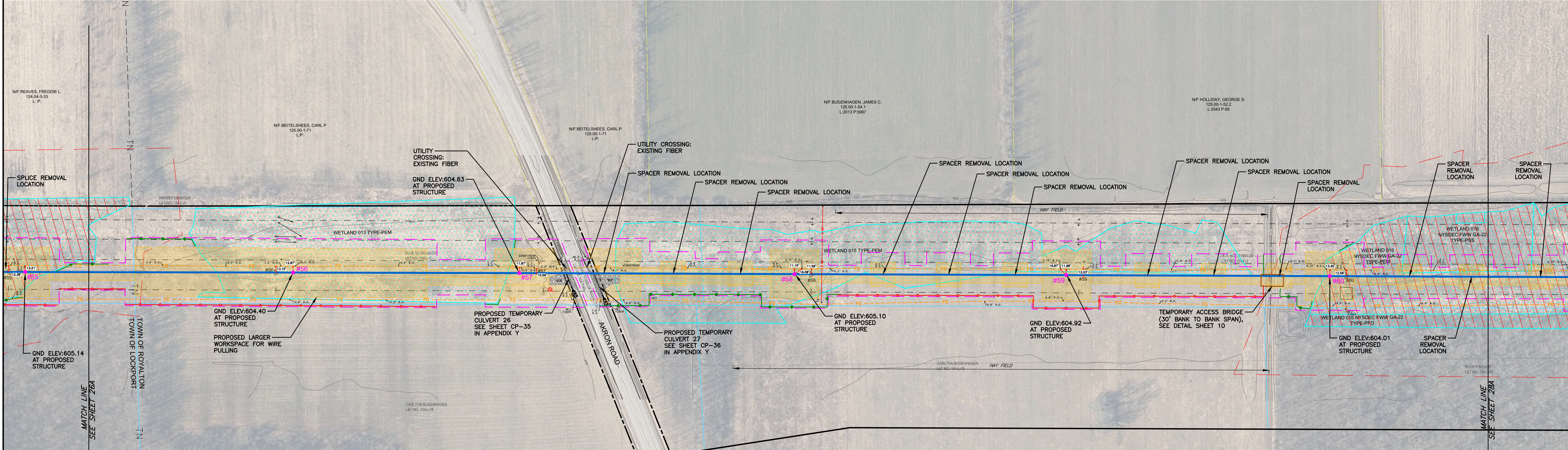
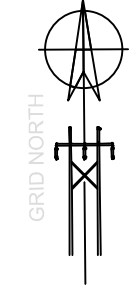
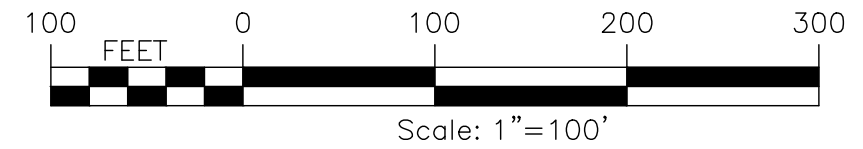
PREPARED BY
HP
FISHER
VL
RW
BESS
RPL
CK
APP.
DR.

ACCOUNT NUMBER

DATE

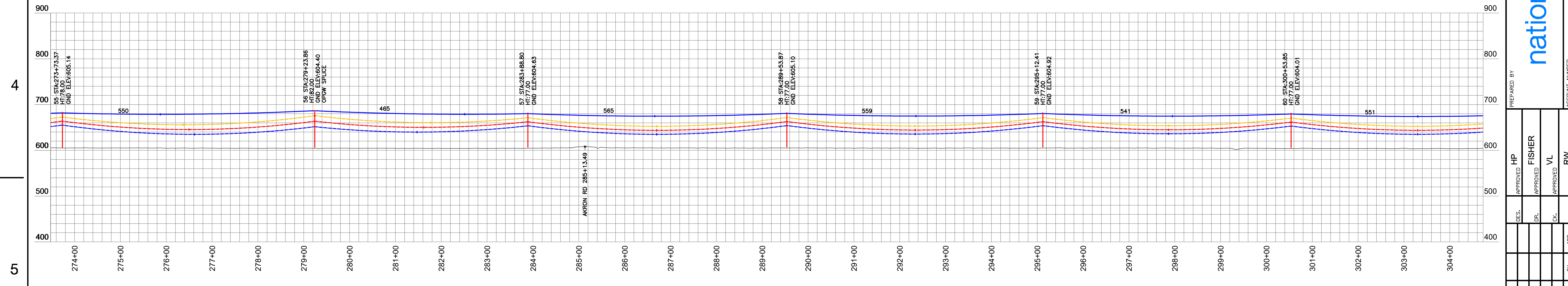
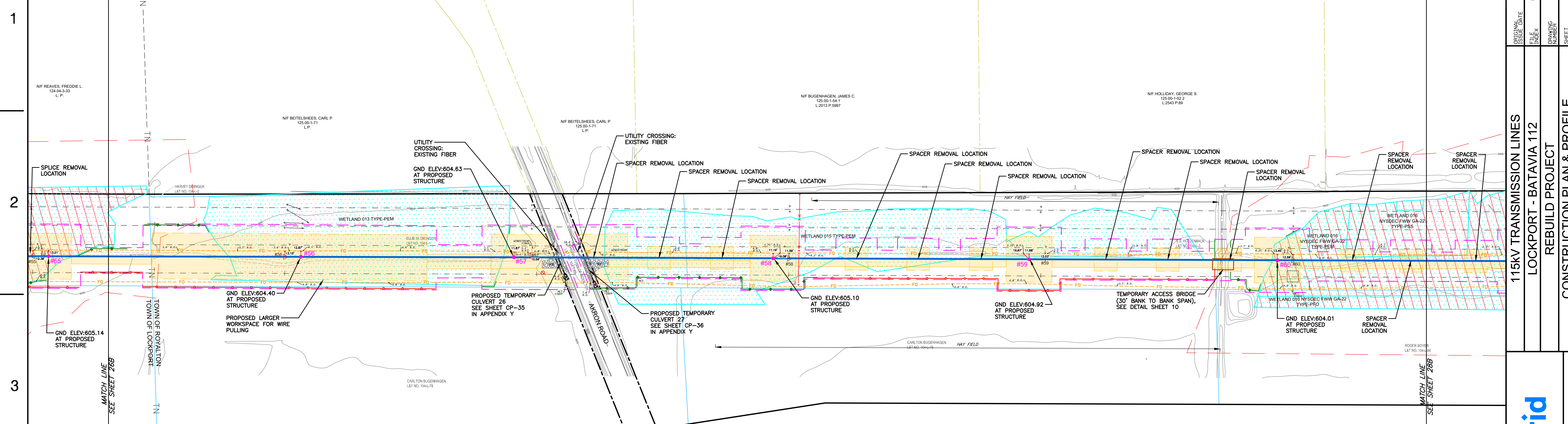
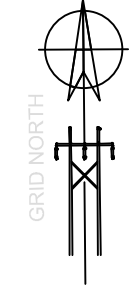
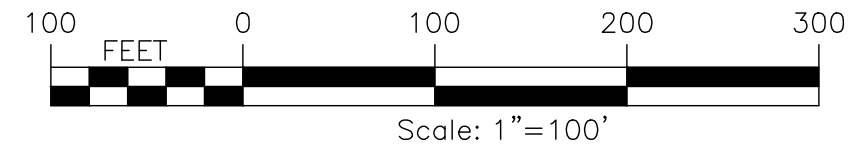
DESCRIPTION OF ISSUE OR REVISION

TOWN OF ROYALTON T.D. 5104 - NIAGARA COUNTY
PLAN VIEW



115KV TRANSMISSION LINES	6/06/25	6.1-L10-M5	27A
LOCKPORT - BATAVIA 112	DATE	ISSUE DATE	REVISION
REBUILD PROJECT	DATE	ISSUE DATE	REVISION
FORESTRY & REAL ESTATE PLAN	DATE	ISSUE DATE	REVISION

TOWN OF ROYALTON T.D. 5104 - NIAGARA COUNTY
PLAN VIEW



LOCKPORT - BATAVIA LINE 112 (FROM 1-5 TO 211)												
EXISTING STR NUMBER	NEW STR NUMBER	TYPE	EXISTING STRUCTURE			TYPE	POLE 1					
			POLE 1		POLE 2		POLE 2		POLE 3		POLE 3	
			HT (FT, AGL)	CL	HT (FT, AGL)		HT, FT (TOTAL/ EMB)	CL	HT, FT (TOTAL/ EMB)	CL	HT, FT (TOTAL/ EMB)	CL
55	55	SC STL TRI LEGGED TOWER SUSP	57			BPSU-DELTA	100/22	H3				
56	56	SC STL TRI LEGGED TOWER SUSP	57			SPDE	80/0	N/A				
57	57	SC WD MONOPOLE DA SUSP	70			BPSU-DELTA	75/0	N/A				
58	58	SC STL TRI LEGGED TOWER SUSP	57			BPSU-DELTA	75/0	N/A				
59	59	SC WD MONOPOLE DA SUSP	61			BPSU-DELTA	75/0	N/A				
60	60	SC STL TRI LEGGED TOWER SUSP	57			BPSU-DELTA	75/0	N/A				

LOCKPORT - BATAVIA LINE 112			
OPGW 1/2"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
36	56	526.50	5000
56	67	555.21	5000

LOCKPORT - BATAVIA LINE 112			
795 KCMIL ACSR "DRAKE"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
36	56	526.47	8000
56	67	555.17	8000

CONDUCTOR DISPLAYED AT 257° F
SHIELDWIRE DISPLAYED AT 120° F

PREPARED FOR CONSTRUCTION GROUP USE

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115KV TRANSMISSION LINES
LOCKPORT - BATAVIA 112
REBUILD PROJECT
CONSTRUCTION PLAN & PROFILE

6/06/25
6.1-L10-M5
L1-41568
27B

DATE
DESCRIPTION OF ISSUE OR REVISION
DR.
CK.
APP.
RW
VL
FISHER
HP
BESS
APPROVED

ACCOUNT NUMBER

1

2

3

4

5

6