



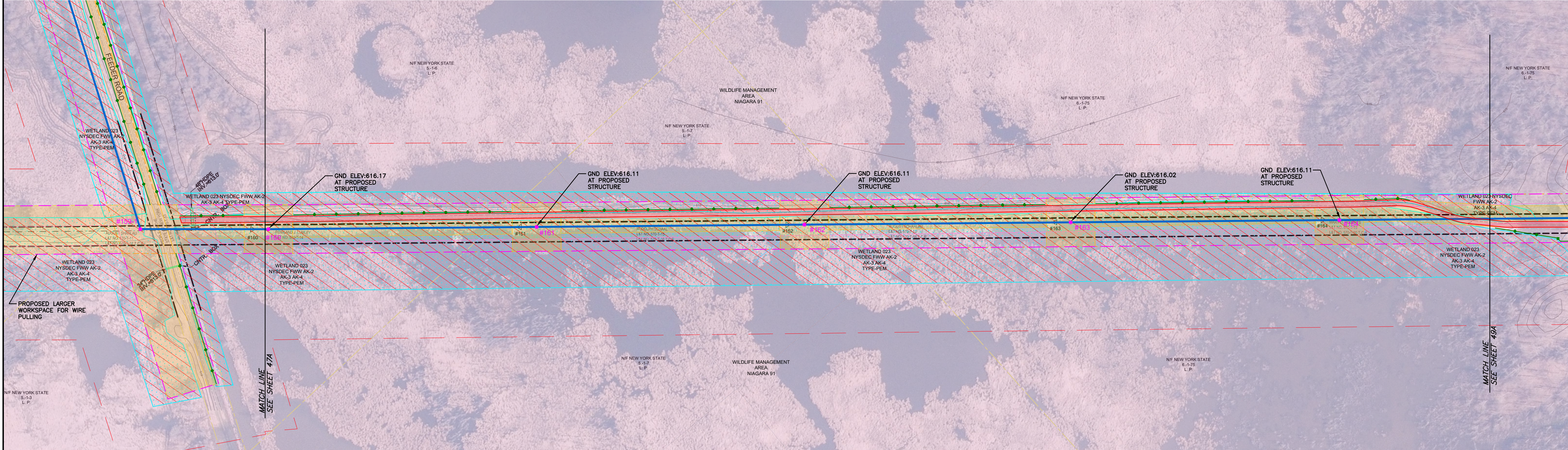
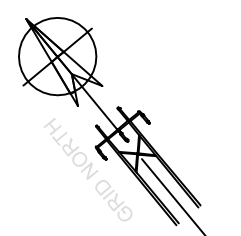
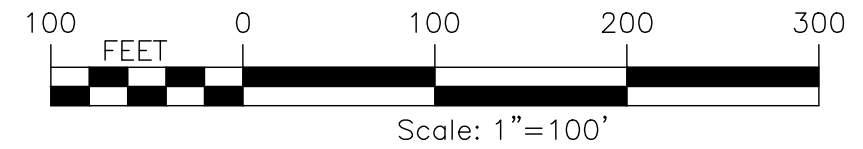
**Lockport-Batavia Line #112
Rebuild Project**

Appendix A

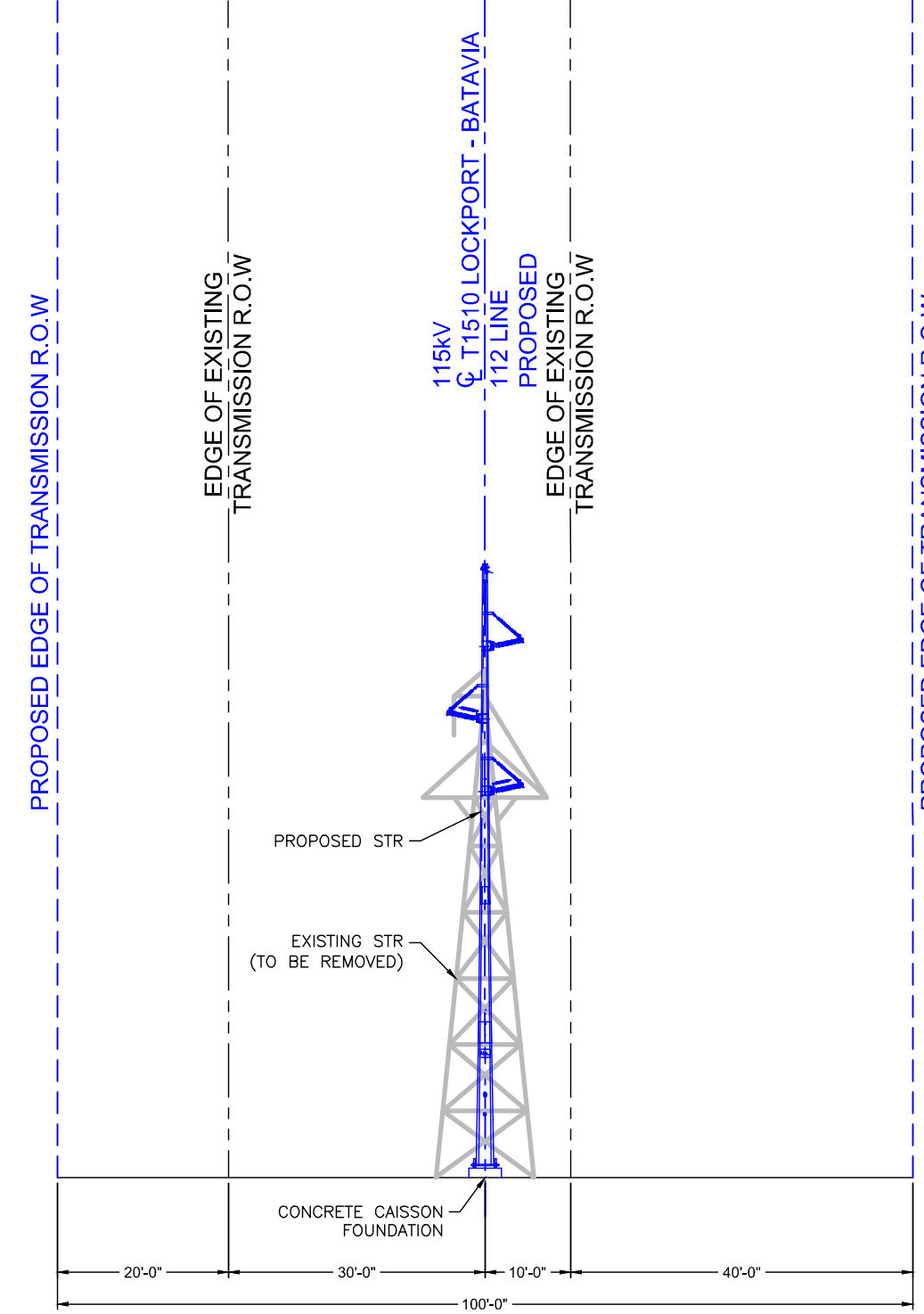
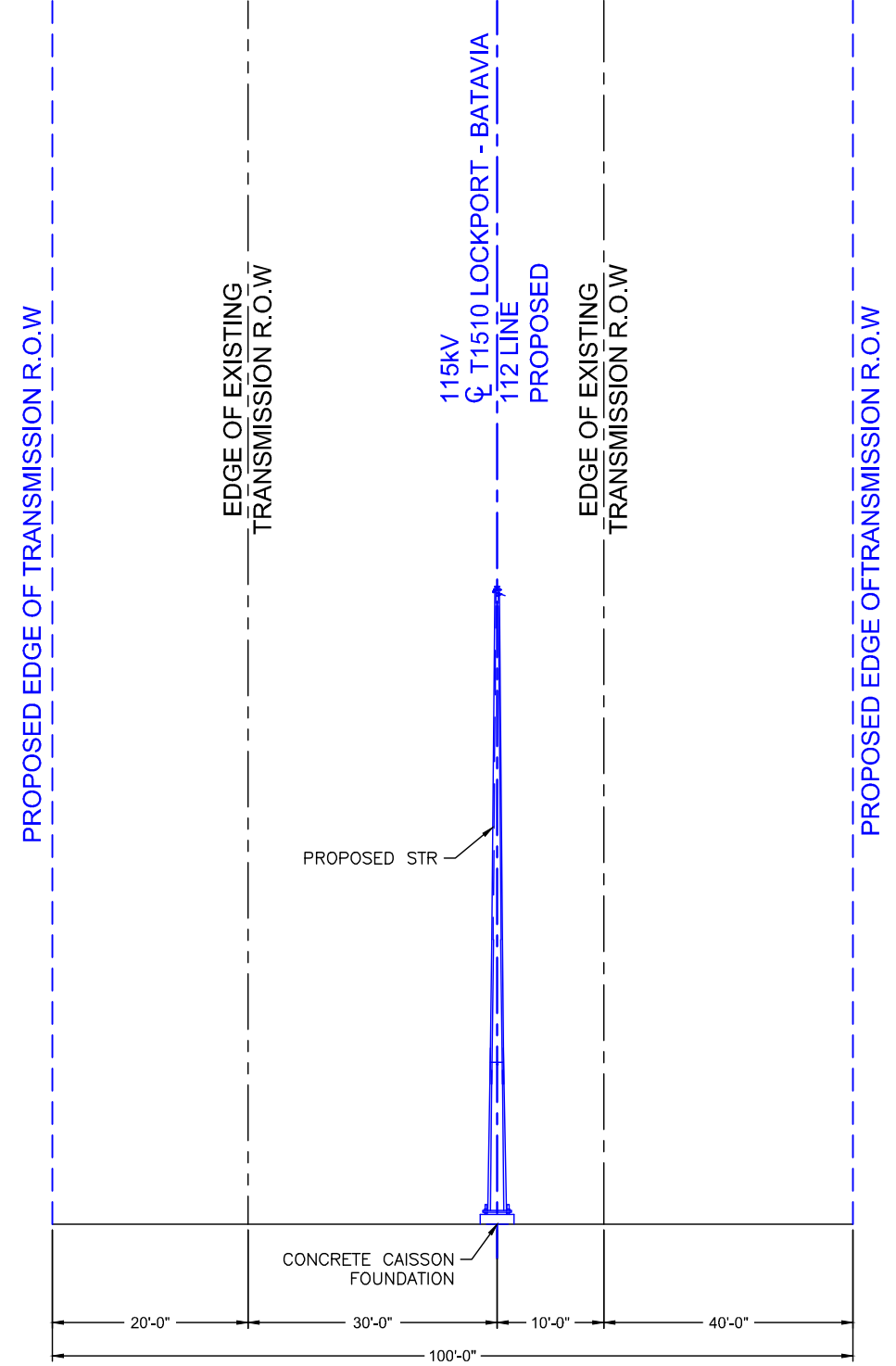
Plan & Profile Drawings

Part 9 of 11

TOWN OF ALABAMA T.D. 5570 - GENESEE COUNTY
PLAN VIEW



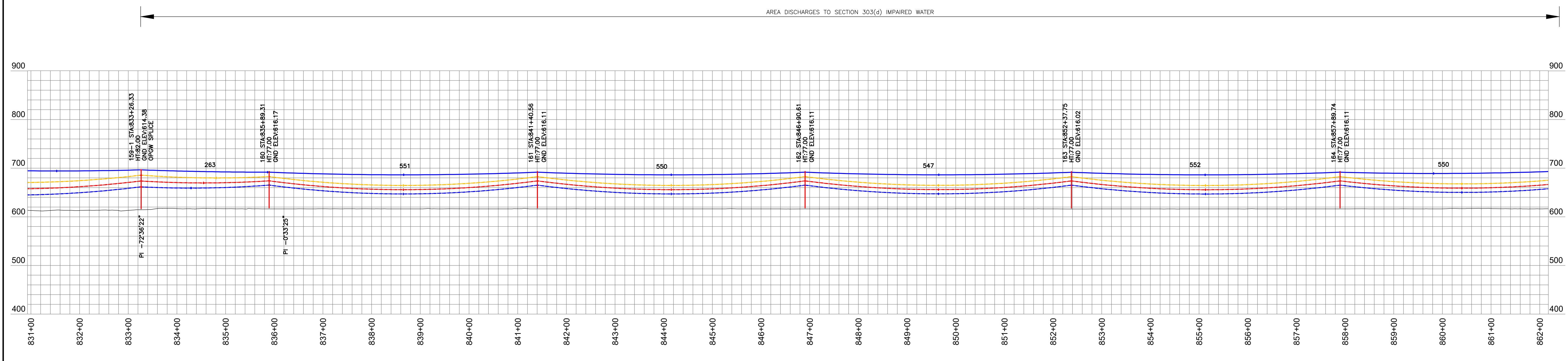
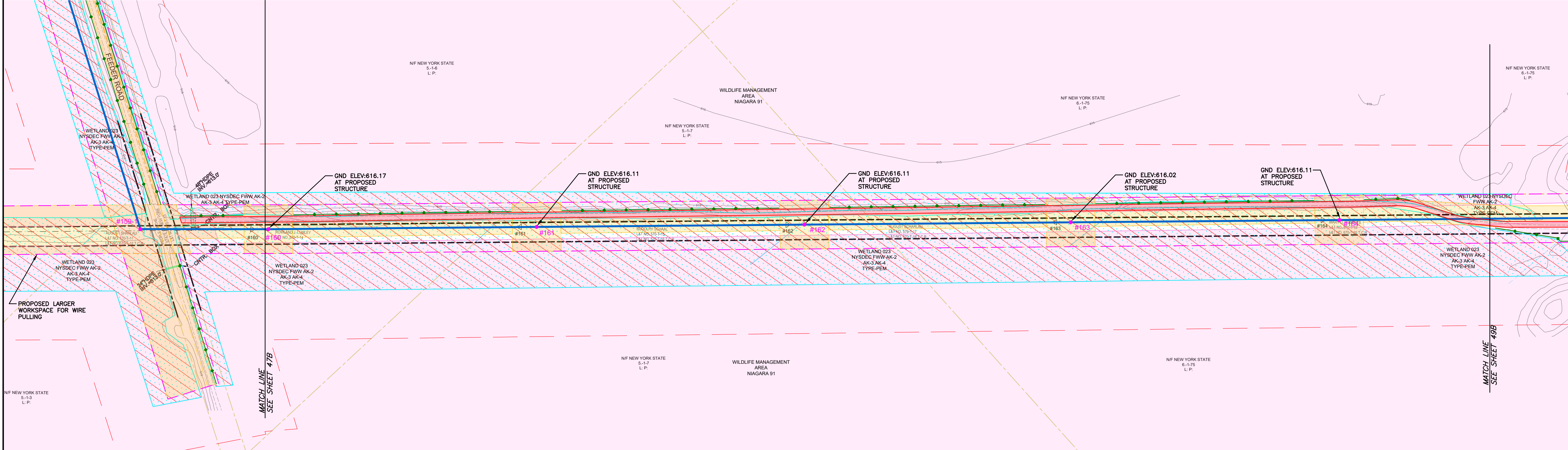
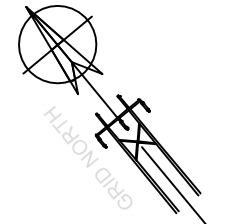
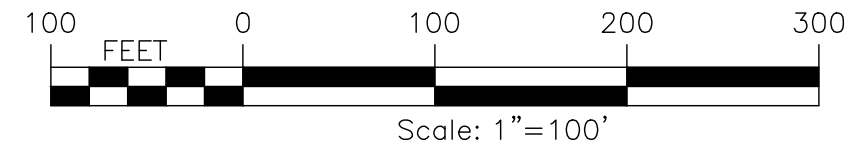
AREA DISCHARGES TO SECTION 303(d) IMPAIRED WATER



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 FEATURES		PROPOSED INVASIVE SPECIES CLEANING STATION		TYPE 2 - PERMANENT ACCESS ROADS & WORK AREAS
	FENCE		LIMIT OF DISTURBANCE		GATE TO BE INSTALLED		TYPE 3 - TIMBER MAT DURING CONSTRUCTION
	OVERHEAD ELECTRIC		FENCE		TEMPORARY ORANGE CONSTRUCTION FENCE		TYPE 4 - TEMPORARY CONSTRUCTION WORK AREAS, PULLING PADS OR ACCESS, IMPROVE AS NECESSARY
	UNDER GROUND ELECTRIC		PARK BOUNDARY LINE		TYPE 1 - PROPOSED ACCESS OVER EXISTING, IMPROVE AS NECESSARY		TYPE 5 - TIMBER MAT ACCESS ROADS & WORK AREAS
	UNDER GROUND GAS LINE		FEMA FLOODPLAIN		EXISTING #112 LINE STRUCTURES TO BE REMOVED.		TYPE 6 - BERM ACCESS, IMPROVE AS NECESSARY
	UNDER GROUND FIBER OPTIC						
	UNDER GROUND WATER						
	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						
	ADJOINER PROPERTY LINES						
	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	ISSUE	6.1-L10-M5	DRAWING NUMBER	L1-41568	ACCOUNT NUMBER	48A
PREPARED BY	HP	APPROVED	FISHER	APPROVED	VL	APPROVED	RW
DES.	HP	DES.	FISHER	DES.	VL	DES.	RW
DR.	HP	DR.	FISHER	DR.	VL	DR.	RW
DATE		DATE		DATE		DATE	

TOWN OF ALABAMA T.D. 5570 - GENESEE COUNTY
PLAN VIEW



LOCKPORT - BATAVIA 112 LINE (FROM 1-5 TO 211)											
EXISTING STR NUMBER	NEW STR NUMBER	TYPE	EXISTING STRUCTURE			TYPE	MATERIAL	POLE 1			NOTES
			POLE 1	POLE 2	POLE 3			HT, FT (TOTAL/ EMB)	CL	HT, FT (TOTAL/ EMB)	
160	160	SC STL TRI LEGGED TOWER SUSP	55			BPSU-DELTA	STEEL	75/0	N/A		INSTALL CONCRETE CAISSON (1)
161	161	SC STL TRI LEGGED TOWER SUSP	55			BPSU-DELTA	STEEL	75/0	N/A		INSTALL CONCRETE CAISSON (1)
162	162	SC STL TRI LEGGED TOWER SUSP	55			BPSU-DELTA	STEEL	75/0	N/A		INSTALL CONCRETE CAISSON (1)
163	163	SC STL TRI LEGGED TOWER SUSP	56			BPSU-DELTA	STEEL	75/0	N/A		INSTALL CONCRETE CAISSON (1)
164	164	SC STL TRI LEGGED TOWER SUSP	55			BPSU-DELTA	STEEL	75/0	N/A		INSTALL CONCRETE CAISSON (1)

LOCKPORT - BATAVIA LINE 112			
OPGW 1/2"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
159	159-1	581.28	5000
159-1	170	542.64	5000

LOCKPORT - BATAVIA LINE 112			
795 KCMIL ACSR "DRAKE"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
159	159-1	580.56	8000
159-1	170	542.62	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.

6/06/25
6.1-L10-M5
L1-41568
48B

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

nationalgrid

PREPARED BY

HP
APPROVED
FISHER
VL
RW
APP.

ISS. BY
DR.

ACCOUNT NUMBER

DATE

1

2

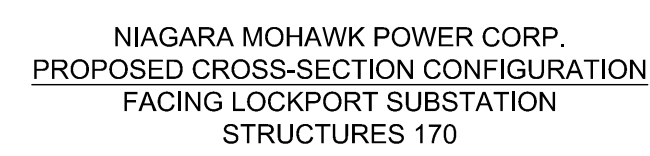
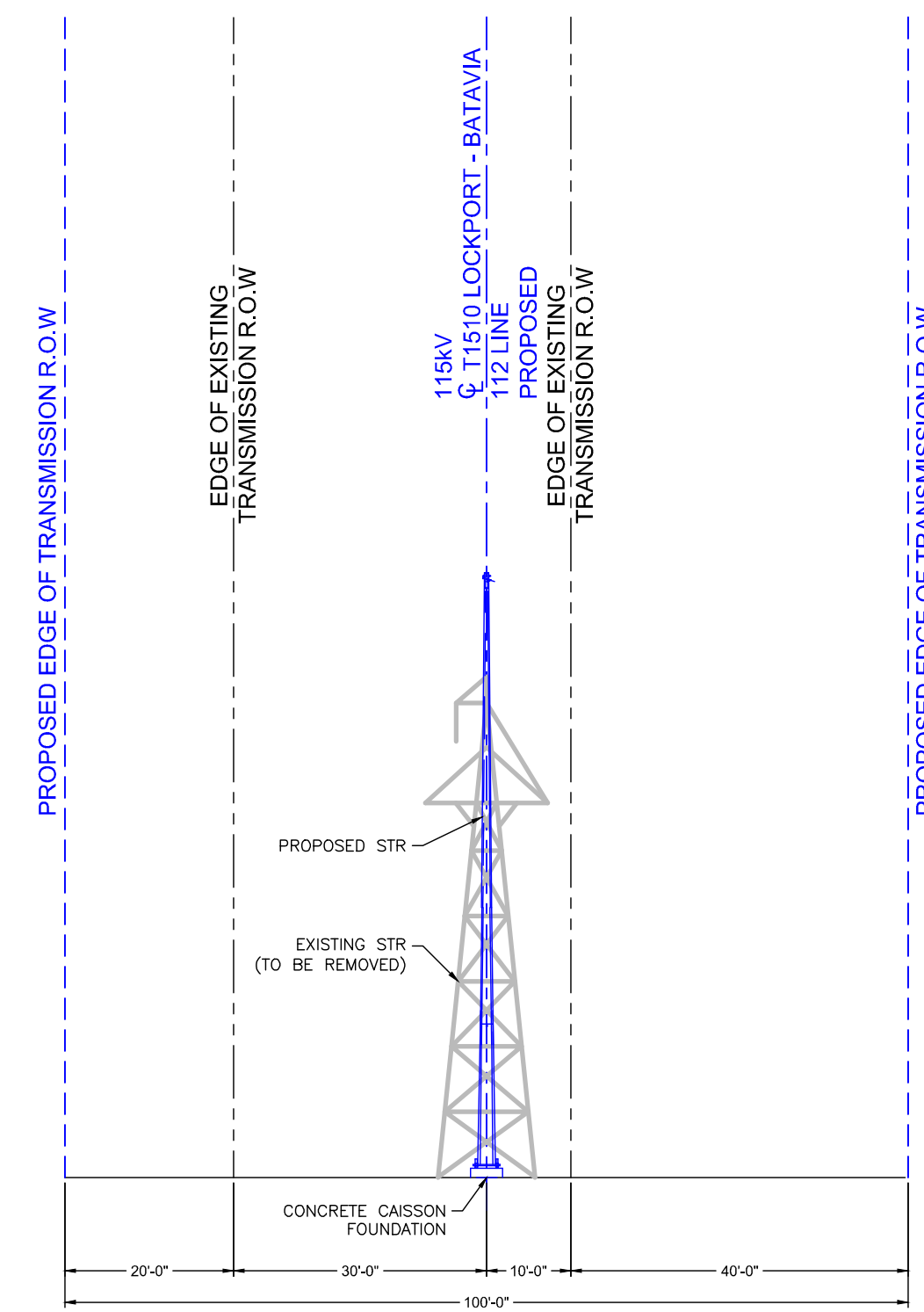
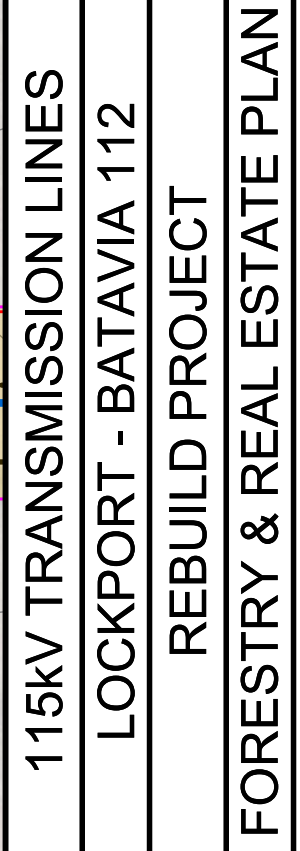
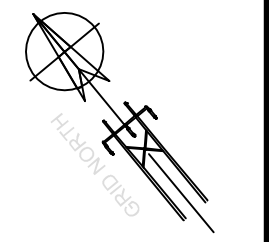
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4

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6

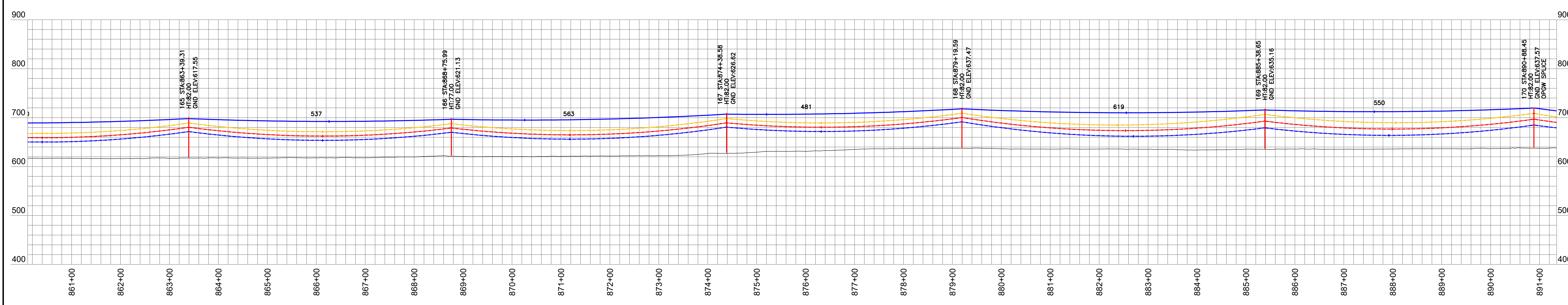
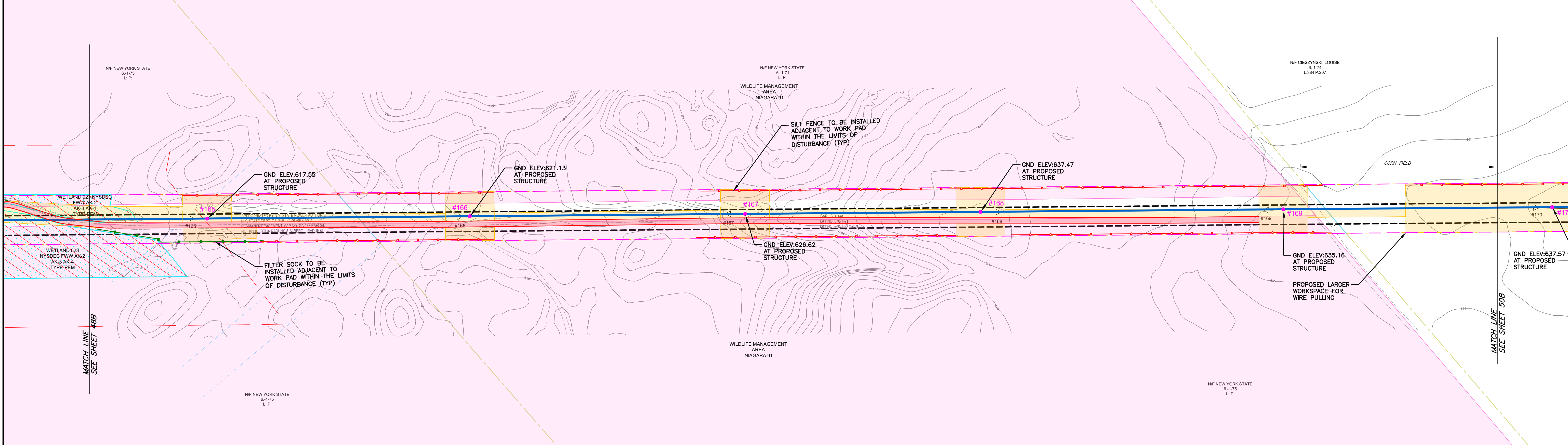
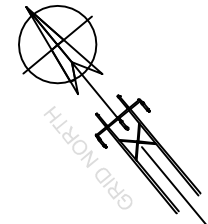
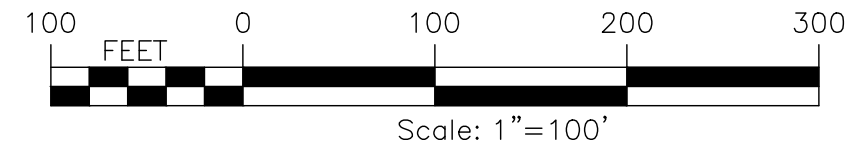
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FEET
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[illegible]

nationalgrid

115kV TRANSMISSION LINES
LOCKPORT - BATAVIA 112115kV TRANSMISSION LINES
LOCKPORT - BATAVIA 112115kV TRANSMISSION LINES
LOCKPORT - BATAVIA 112115kV TRANSMISSION LINES
LOCKPORT - BATAVIA 112

TOWN OF ALABAMA T.D. 5570 - GENESEE COUNTY
PLAN VIEW



LOCKPORT - BATAVIA 112 LINE (FROM 1- 5 TO 211)																			
EXISTING STR NUMBER	NEW STR NUMBER	TYPE	EXISTING STRUCTURE						TYPE									FOUNDATION TYPE	NOTES
			POLE 1		POLE 2		POLE 3			MATERIAL	POLE 1		POLE 2		POLE 3				
			HT (FT, AGL)	CL	HT (FT, AGL)	CL	HT (FT, AGL)	CL			HT, FT (TOTAL/ EMB)	CL	HT, FT (TOTAL/ EMB)	CL	HT, FT (TOTAL/ EMB)	CL			
164	164	SC STL TRI LEGGED TOWER SUSP	55						BPSU-DELTA	STEEL	75/0	N/A				INSTALL CONCRETE CAISSON (1)			
165	165	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	80/0	N/A				INSTALL CONCRETE CAISSON (1)			
166	166	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	75/0	N/A				INSTALL CONCRETE CAISSON (1)			
167	167	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	80/0	N/A				INSTALL CONCRETE CAISSON (1)			
168	168	SC STL TRI LEGGED TOWER DE	57						BPSU-DELTA	STEEL	80/0	N/A				INSTALL CONCRETE CAISSON (1)			
169	169	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	80/0	N/A				INSTALL CONCRETE CAISSON (1)			
170	170	SC STL TRI LEGGED TOWER SUSP	58						SPDE	STEEL	80/0	N/A				INSTALL CONCRETE CAISSON (1)			

LOCKPORT - BATAVIA LINE 112			
OPGW 1/2"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
159-1	170	542.64	5000

LOCKPORT - BATAVIA LINE 112			
795 KCMIL ACSR "DRAKE"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
159-1	170	542.62	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.

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

6/06/25
6.1-L10-M5
L1-41568
49B

nationalgrid

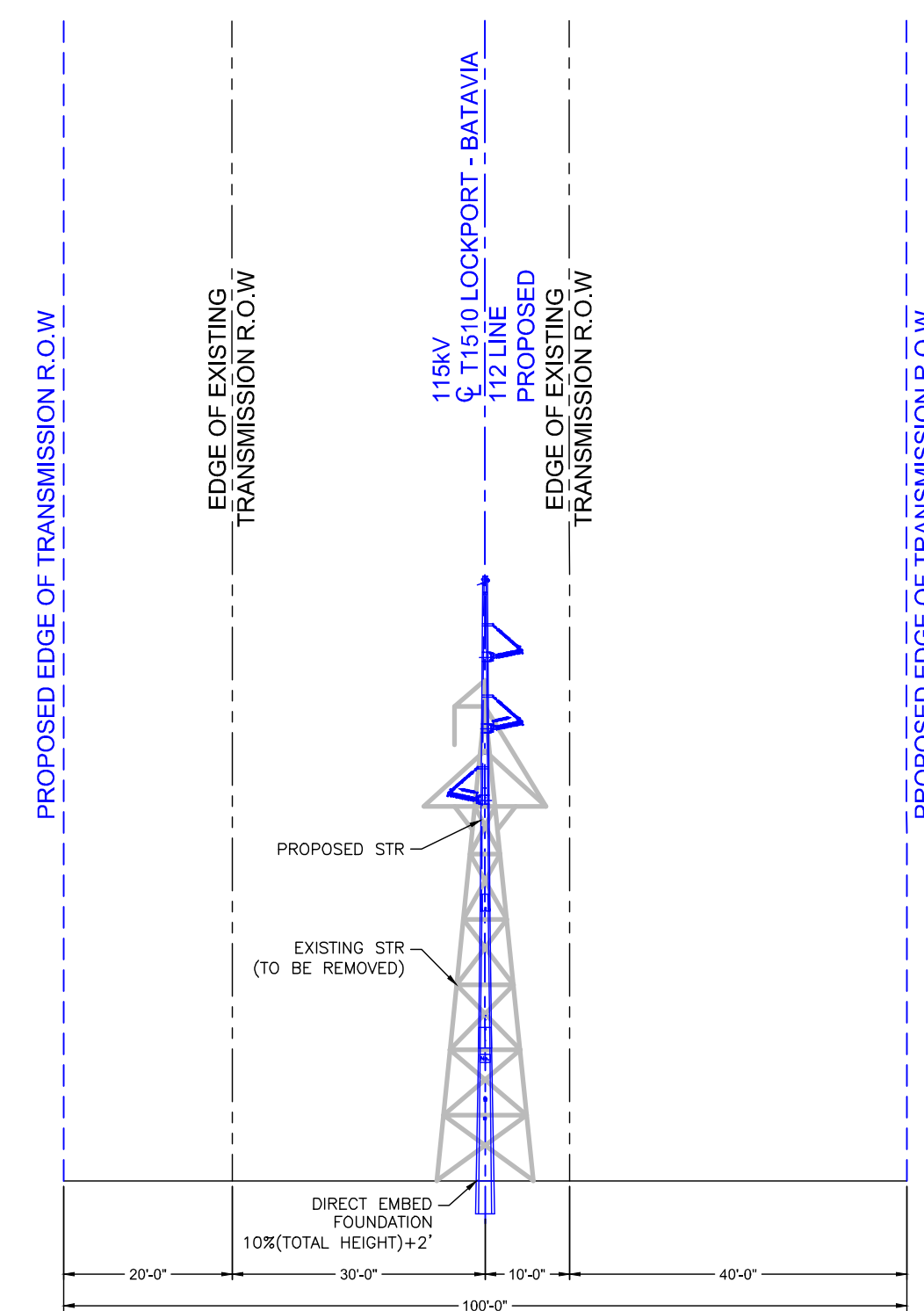
PREPARED BY:
HP
FISHER
VL
RW

DATE

ISSUE DATE
FILE
DRAWING NUMBER
SHEET NUMBER

ACCOUNT NUMBER

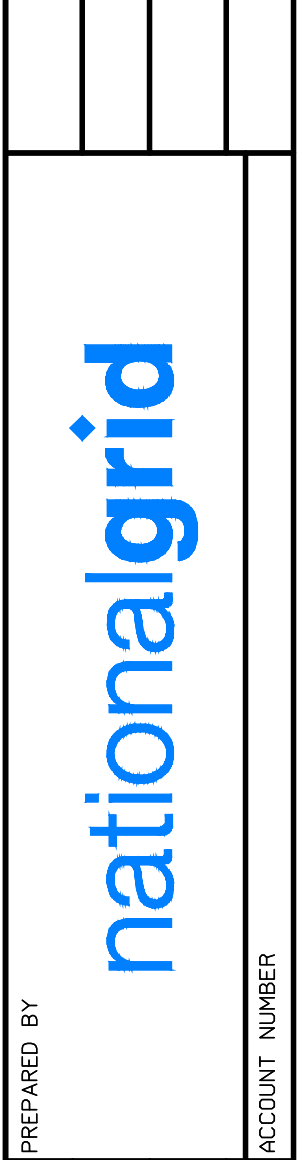
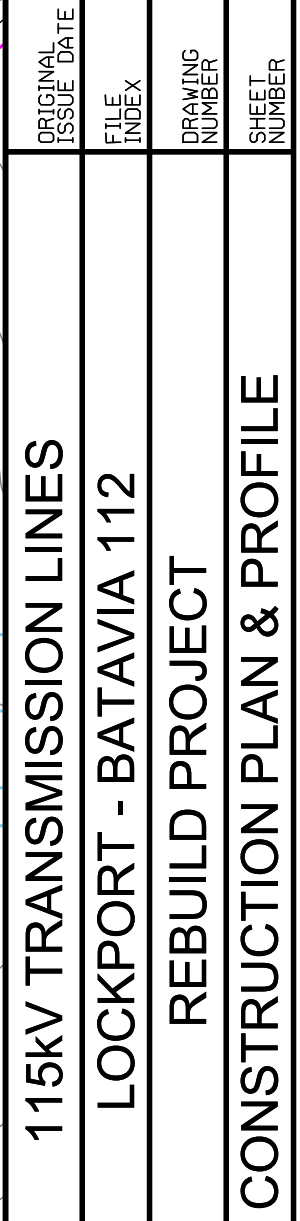
DESCRIPTION OF ISSUE OR REVISION



NIAGARA MOHAWK POWER CORP.
PROPOSED CROSS-SECTION CONFIGURATION
FACING LOCKPORT SUBSTATION
STRUCTURE 173

- | DATE | DESCRIPTION OF ISSUE OR REVISION | UPL | CK | APP. | DES. | HP
APPROVED | FISHER
APPROVED | VL
APPROVED | RW
APPROVED |
|------|----------------------------------|-----|----|------|------|----------------|--------------------|----------------|----------------|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
- PREPARED BY





LOCKPORT - BATAVIA LINE 112			
OPGW 1/2"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
159-1	170	542.64	5000
170	173-1/2	501.39	3300

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

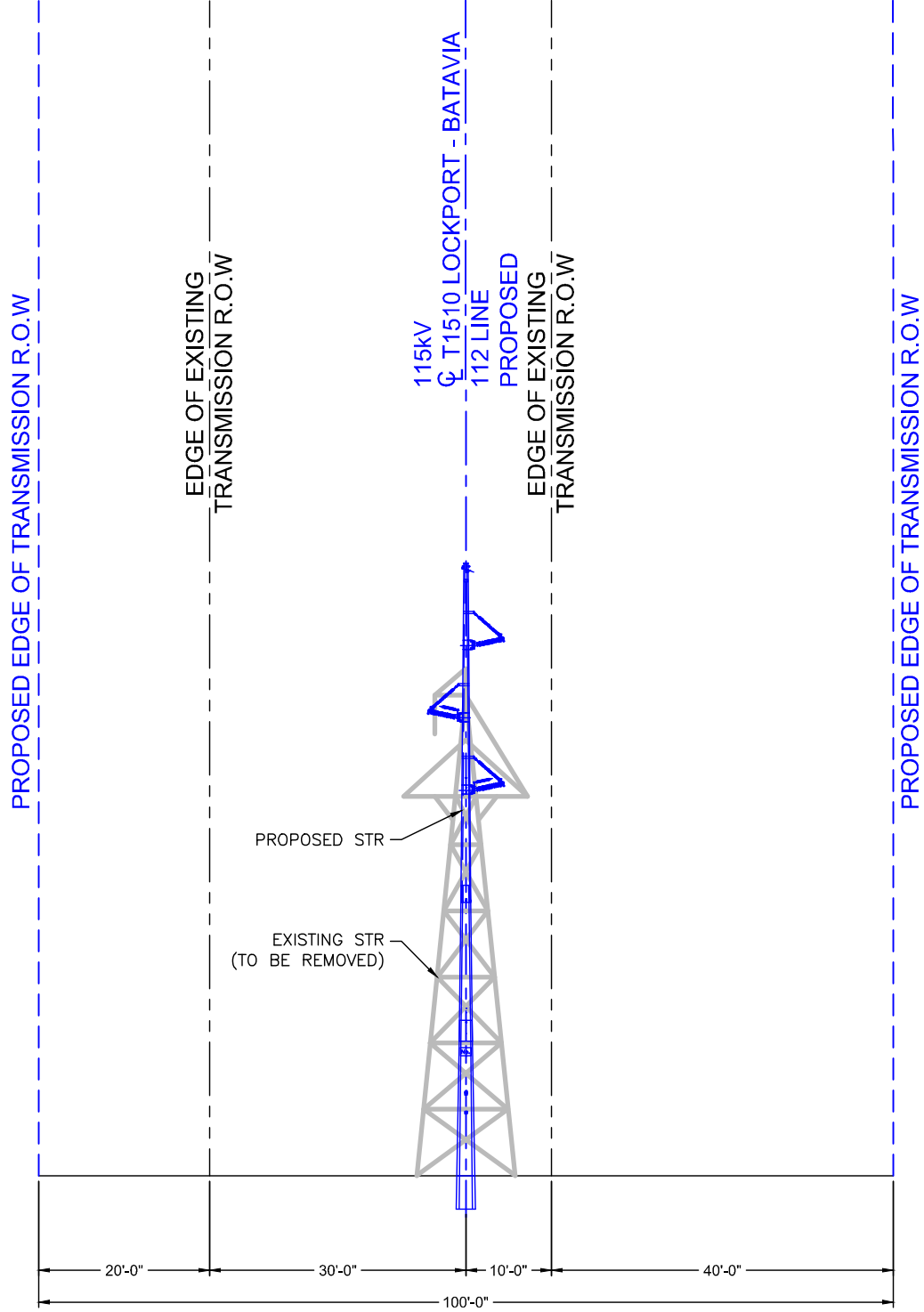
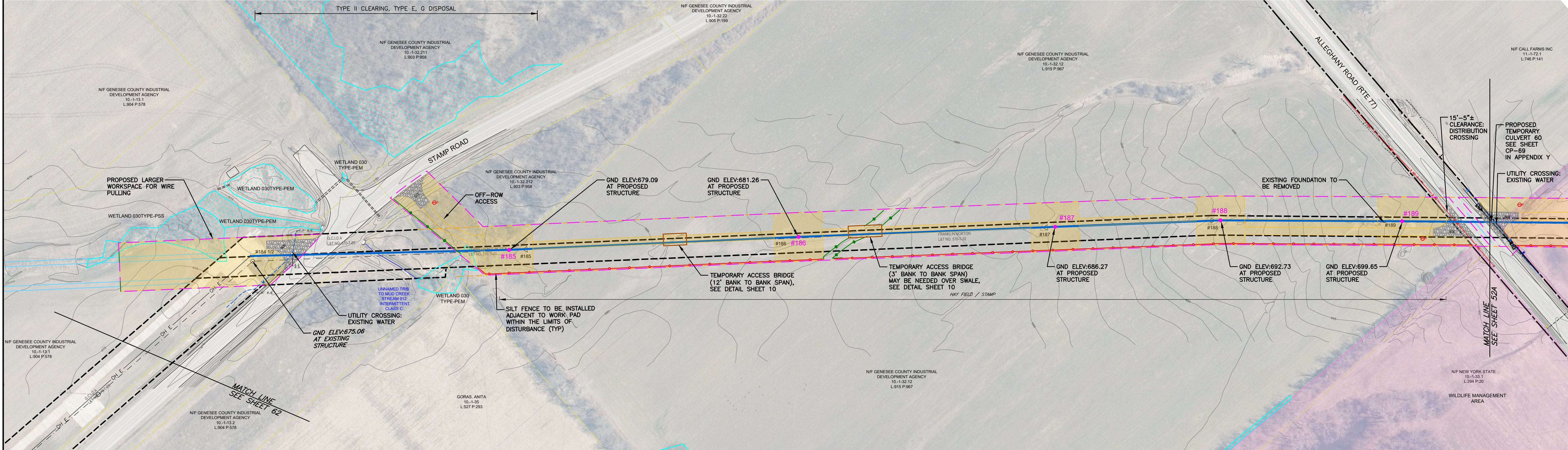
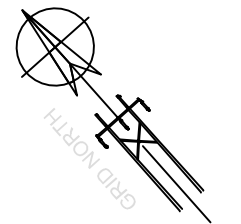
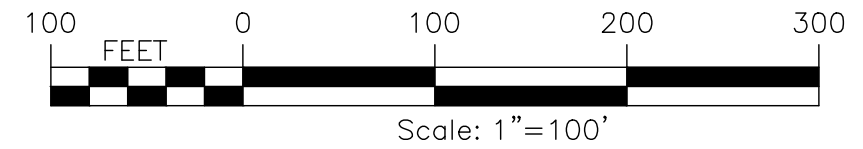
PREPARED FOR CONSTRUCTION GROUP USE

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CONTAINED IN THIS SET OF PLANS.

PREPARED FOR CONSTRUCTION GROUP USE

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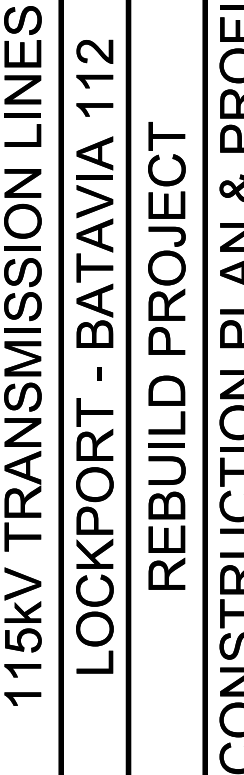
TOWN OF ALABAMA T.D. 5570 - GENESEE COUNTY
PLAN VIEW



NIAGARA MOHAWK POWER CORP.
PROPOSED CROSS-SECTION CONFIGURATION
FACING LOCKPORT SUBSTATION
STRUCTURE 185 TO 199

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 FEATURES		PROPOSED INVASIVE SPECIES CLEANING STATION		TYPE 2 - PERMANENT ACCESS ROADS & WORK AREAS
	FENCE		LIMIT OF DISTURBANCE		GATE TO BE INSTALLED		TYPE 3 - TIMBER MAT DURING CONSTRUCTION
	OVERHEAD ELECTRIC		FENCE		TEMPORARY ORANGE CONSTRUCTION FENCE		TYPE 4 - TEMPORARY CONSTRUCTION WORK AREAS, PULLING PADS OR ACCESS, IMPROVE AS NECESSARY
	UNDER GROUND ELECTRIC		PARK BOUNDARY LINE		TYPE 1 - PROPOSED ACCESS OVER EXISTING, IMPROVE AS NECESSARY		TYPE 5 - TIMBER MAT ACCESS ROADS & WORK AREAS
	UNDER GROUND GAS LINE		FEMA FLOODPLAIN		EXISTING #112 LINE STRUCTURES TO BE REMOVED.		TYPE 6 - BERM ACCESS, IMPROVE AS NECESSARY
	UNDER GROUND FIBER OPTIC						
	UNDER GROUND WATER						
	UNDER GROUND PETROLEUM						
	UNDER GROUND STORM SEWER						
	UNDER GROUND SANITARY SEWER						
	UNDER GROUND 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. L&T DOCUMENT NUMBER						
	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						

115KV TRANSMISSION LINES	6/06/25	1
LOCKPORT - BATAVIA 112	6.1-L-10-M5	2
REBUILD PROJECT	L1-41568	3
FORESTRY & REAL ESTATE PLAN	51A	4
DATE	DESCRIPTION OF ISSUE OR REVISION	5
		6



LOCKPORT - BATAVIA LINE 112			
OPGW 1/2"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
184-1/2	200	494.02	5000

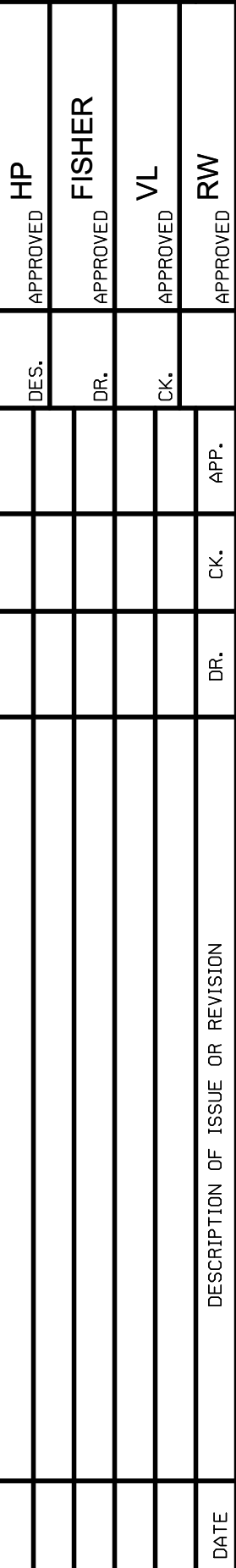
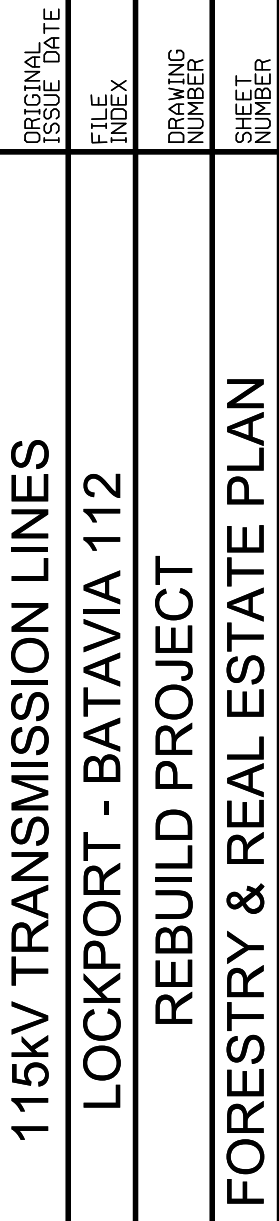
LOCKPORT - BATAVIA LINE 112			
795 KCMIL ACSR "DRAKE"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
184-1/2	200	493.94	8000

PERSONNEL OF HOUSE AND PARLIAMENT	NAME	AGE	DES.	HP	
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					FISHER
					APPROVED
					OK.
					VL
					APPROVED
					RW

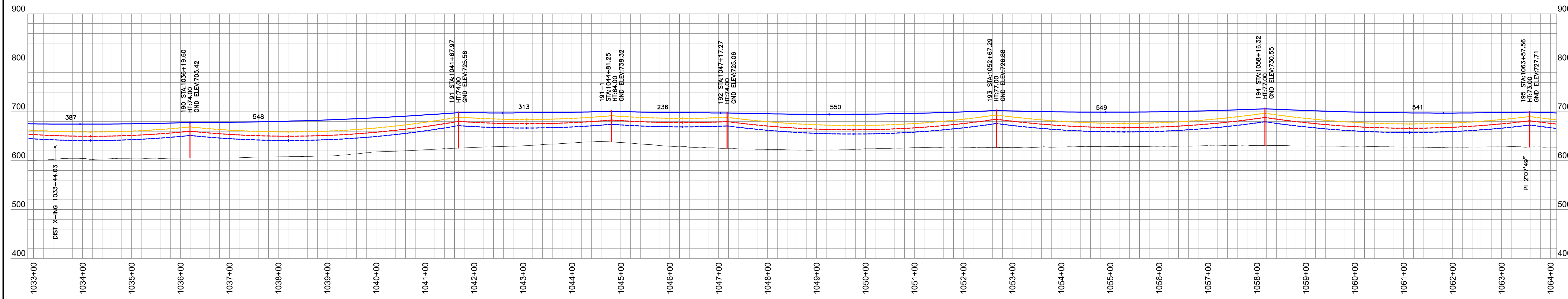
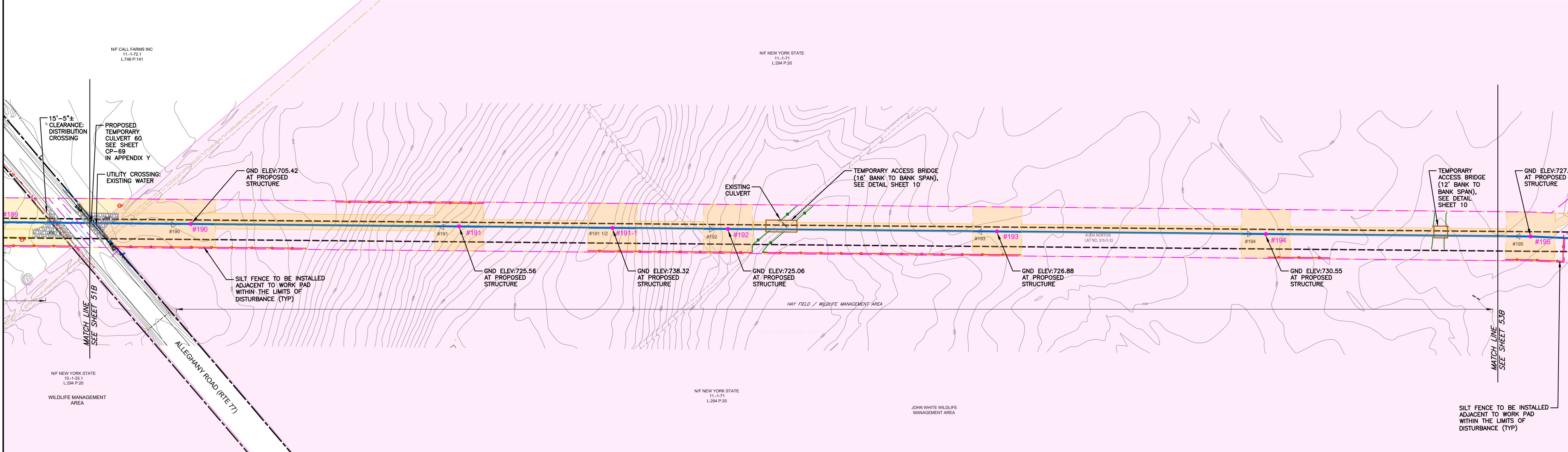
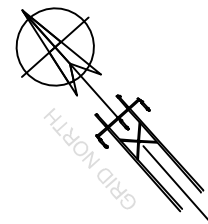
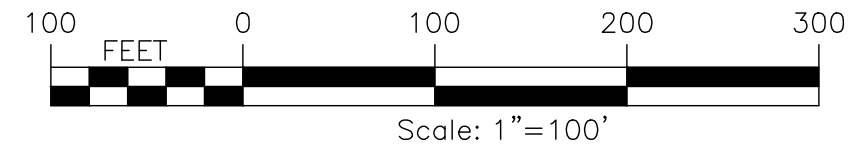
100 0 100 200 300

FEET

Scale: 1"=100'



TOWN OF ALABAMA T.D. 5570 - GENESEE 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	POLE 1		POLE 2		POLE 3			
			HT (FT, AGL)	CL	HT (FT, AGL)	CL	HT (FT, AGL)	CL			HT, FT (TOTAL/ EMB)	CL	HT, FT (TOTAL/ EMB)	CL	HT, FT (TOTAL/ EMB)	CL		
189	189	SC WD MONOPOLE DA SUSP	70	UNK					BPSU-DELTA	STEEL	100/22	H3					INSTALL DIRECT EMBED (1)	
190	190	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	90/16	H3					INSTALL DIRECT EMBED (1)	
191	191	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	90/16	H3					INSTALL DIRECT EMBED (1)	
191-1/2	191-1	SC WD MONOPOLE DA SUSP	56	UNK					BPSU-DELTA	STEEL	80/16	H3					INSTALL DIRECT EMBED (1)	
192	192	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	90/16	H3					INSTALL DIRECT EMBED (1)	
193	193	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	95/18	H3					INSTALL DIRECT EMBED (1)	
194	194	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	95/18	H3					INSTALL DIRECT EMBED (1)	
195	195	SC STL TRI LEGGED TOWER SUSP	57						BPSU-DELTA	STEEL	90/17	H4					INSTALL DIRECT EMBED (1)	

LOCKPORT - BATAVIA LINE 112			
OPGW 1/2"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
184-1/2		494.02	5000

LOCKPORT - BATAVIA LINE 112			
795 KCMIL ACSR "DRAKE"			
FROM	TO	RULING SPAN	NESC HEAVY TENSION (LBS)
184-1/2	200	493.94	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

52B

nationalgrid

PREPARED BY

HP
APPROVED

FISHER
APPROVED

VL
APPROVED

RW
APPROVED

DATE

DESCRIPTION OF ISSUE OR REVISION

DR.

CHK.

APP.

ACCOUNT NUMBER

4

5

6