

LEGEND:

- D121 LINE: - - -
- D121 STR: 81

DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	ISSUED TO PUC			05/21	JAM	SEK	BRK

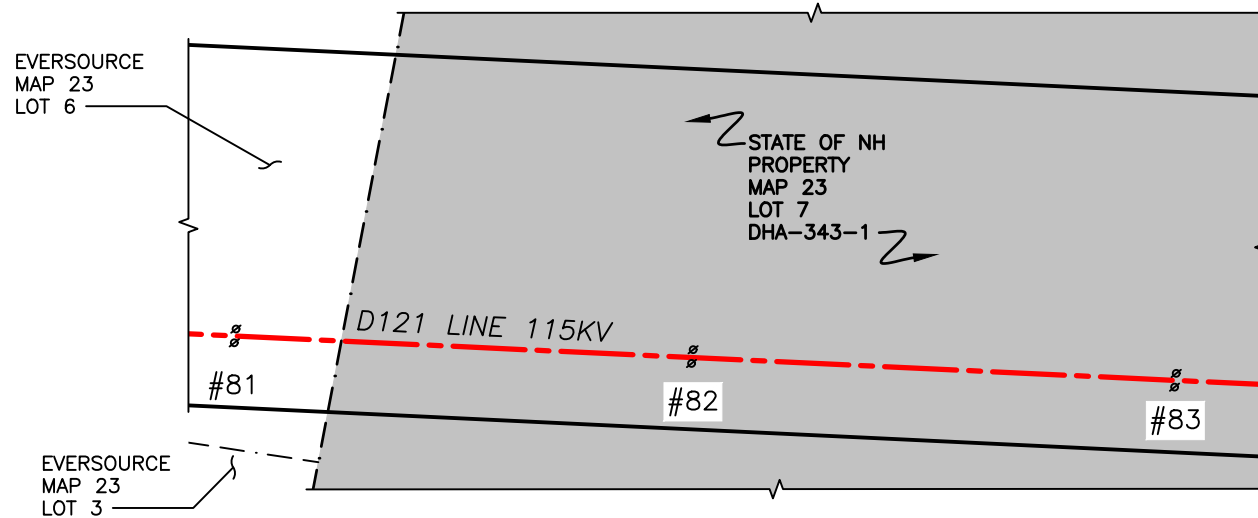
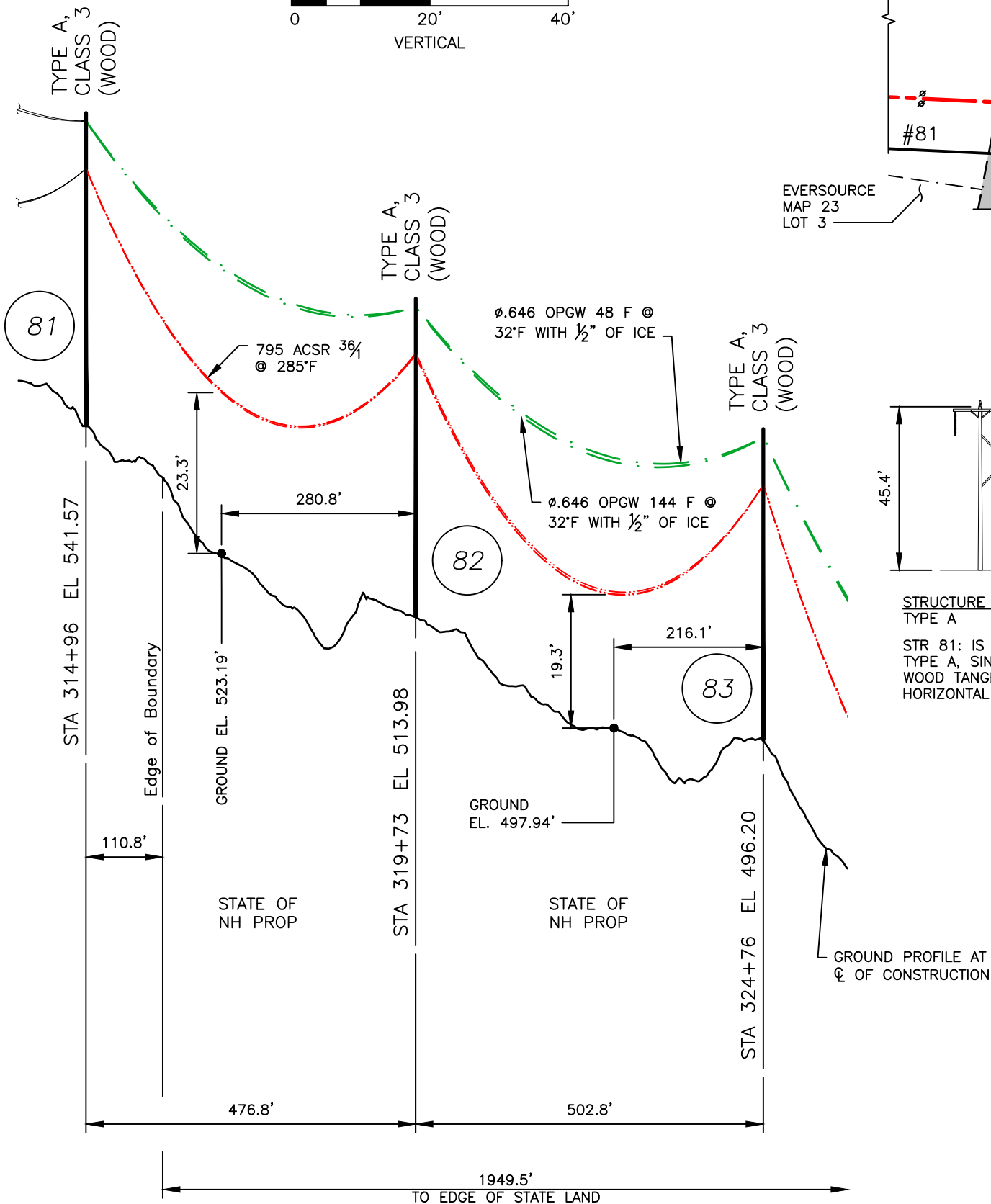
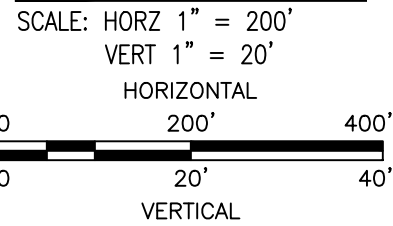


LINE D121, 115kV LINE
STATE OWNED LAND & PUBLIC WATER CROSSING, LOCATION PLAN
HOOKSETT & MANCHESTER, NEW HAMPSHIRE
EXHIBIT 1

T	1
DRAWN JAM/TRC	
ENGINEER GEL/TRC	
CHECKED SEK/TRC	
APPROVED BRK/TRC	
DATE 05/14/21	

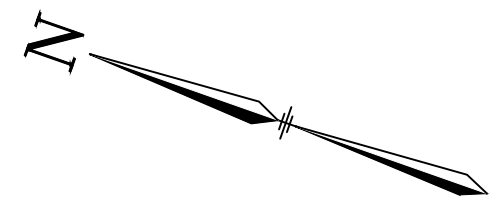
SCALE 1" = 2500'	FILE: D12143501.DWG IMAGE:	DRAWING NO. D12143501
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PROFILE VIEW



PLAN VIEW

SCALE: 1" = 200'

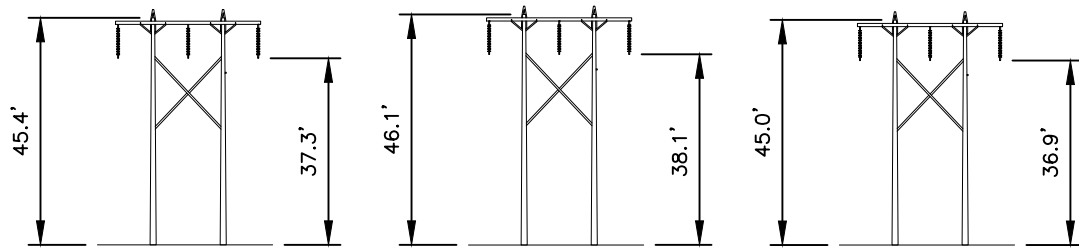


LEGEND:

- #81 STRUCTURE
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- D121 LINE 115KV
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
81	-71.48076807	43.06100273
82	-71.48025797	43.05974901
83	-71.47972662	43.05842577

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
SPACES AND WAYS SUBJECT TO PEDESTRIANS OR RESTRICTED TRAFFIC ONLY	16.1



STRUCTURE 81
TYPE A

STR 81: IS AN EVERSOURCE TYPE A, SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 82
TYPE A

STR 82: IS AN EVERSOURCE TYPE A, SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 83
TYPE A

STR 83: IS AN EVERSOURCE TYPE A, SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE DETAILS

SCALE: NTS

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 795 kcmil 36/1, COOT	5500	0	0.5	4
OPGW	1	48F 0.646 AFL S3-81/69/646	5000	0	0.5	4
OPGW	1	144F 0.646 AFL S3-81/51/646	4500	0	0.5	4

NOTES:

- NH GRANIT PROPERTY BOUNDARY DATA WAS FOUND TO BE INACCURATE. PARCEL INFORMATION IS A COMPILATION OF RECORD INFORMATION FROM A VARIETY OF SOURCES. THE RECORD INFORMATION DISCOVERED DURING THE DEEDS RESEARCH CONDUCTED AT THE MERRIMACK, HILLSBOROUGH, AND ROCKINGHAM COUNTY REGISTRIES OF DEEDS HAVE BEEN RECONCILED WITH INFORMATION CONTAINED ON A VARIETY OF AERIAL PHOTOGRAPHS AND OTHER ELECTRONIC INFORMATION OBTAINED FROM THE STATE OF NEW HAMPSHIRE ARCHIVES AND NH GRANIT.
- ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

**LINE D121, 115kV LINE
STATE OWNED LAND CROSSING
HOOKSETT, NEW HAMPSHIRE
EXHIBIT 2**

SCALE AS SHOWN	FILE: D12143501.DWG IMAGE:	DRAWING NO. D12143501
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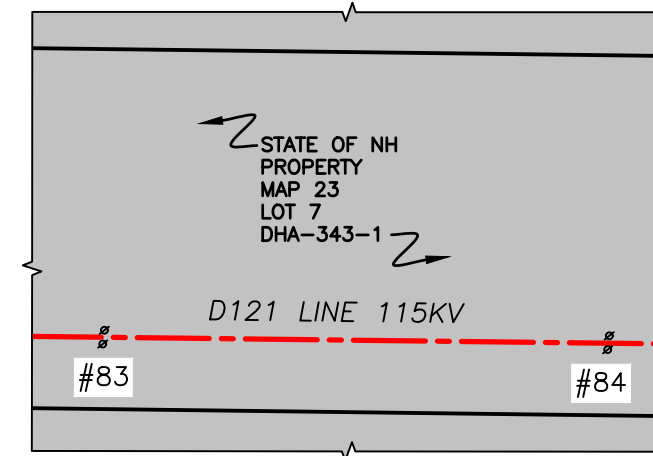
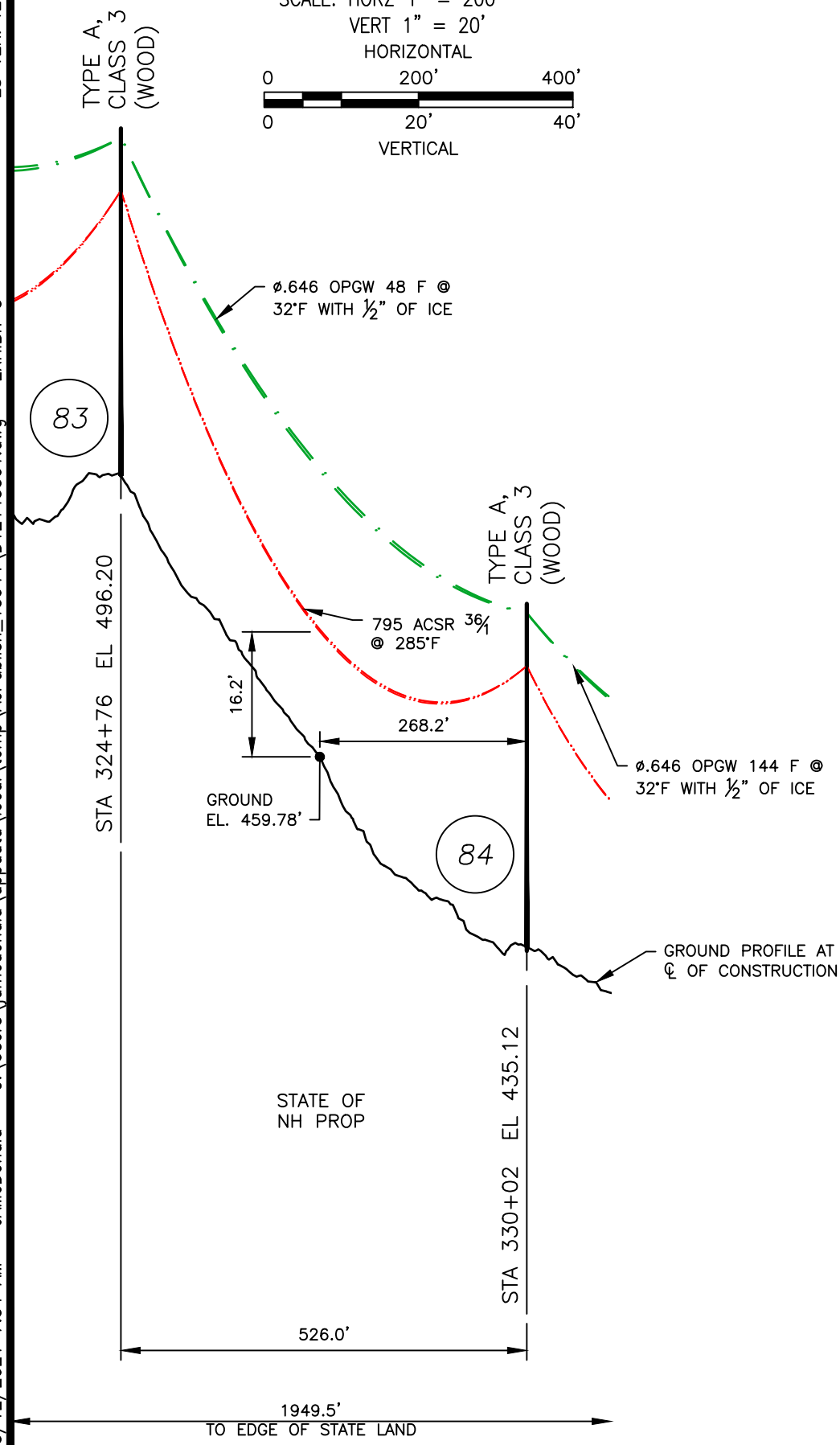
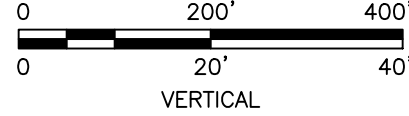
DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	JAM	SEK	BRK
1				05/21			

ES VER: 12/2016

5/12/2021 7:54 AM - JAMcDonald - C:\Users\jamcDonald\appdata\local\temp\AcPublish_15944\D12143501.dwg - EXHIBIT 3

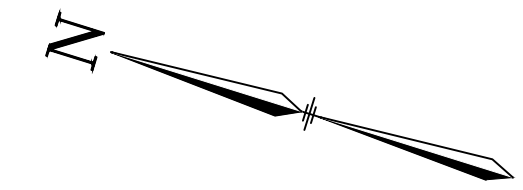
PROFILE VIEW

SCALE: HORZ 1" = 200'
VERT 1" = 20'



PLAN VIEW

SCALE: 1" = 200'

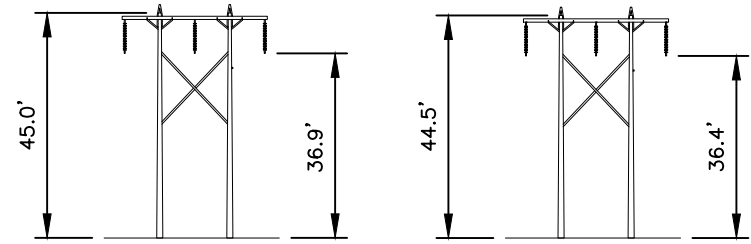


LEGEND:

- #83 STRUCTURE
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- D121 LINE 115KV
- LINE, C/L OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
83	-71.47972662	43.05842577
84	-71.47916610	43.05704235

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
SPACES AND WAYS SUBJECT TO PEDESTRIANS OR RESTRICTED TRAFFIC ONLY	16.1



STRUCTURE 83
TYPE A
STR 83: IS AN EVERSOURCE TYPE A, SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 84
TYPE A
STR 84: IS AN EVERSOURCE TYPE A, SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE DETAILS

SCALE: NTS

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 795 kcmil 36/1, COOT	5500	0	0.5	4
OPGW	1	48F 0.646 AFL S3-81/69/646	5000	0	0.5	4
OPGW	1	144F 0.646 AFL S3-81/51/646	4500	0	0.5	4

- ### NOTES:
- NH GRANIT PROPERTY BOUNDARY DATA WAS FOUND TO BE INACCURATE. PARCEL INFORMATION IS A COMPILATION OF RECORD INFORMATION FROM A VARIETY OF SOURCES. THE RECORD INFORMATION DISCOVERED DURING THE DEEDS RESEARCH CONDUCTED AT THE MERRIMACK, HILLSBOROUGH, AND ROCKINGHAM COUNTY REGISTRIES OF DEEDS HAVE BEEN RECONCILED WITH INFORMATION CONTAINED ON A VARIETY OF AERIAL PHOTOGRAPHS AND OTHER ELECTRONIC INFORMATION OBTAINED FROM THE STATE OF NEW HAMPSHIRE ARCHIVES AND NH GRANIT.
 - ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

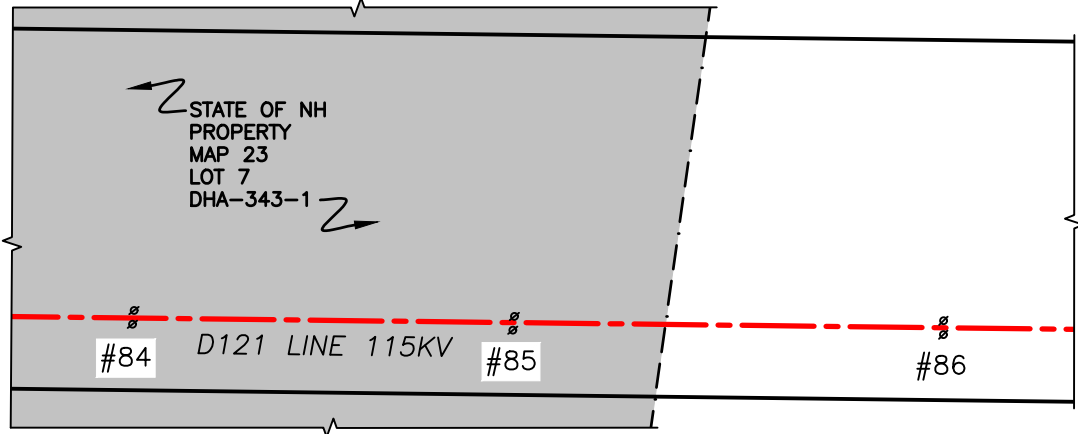
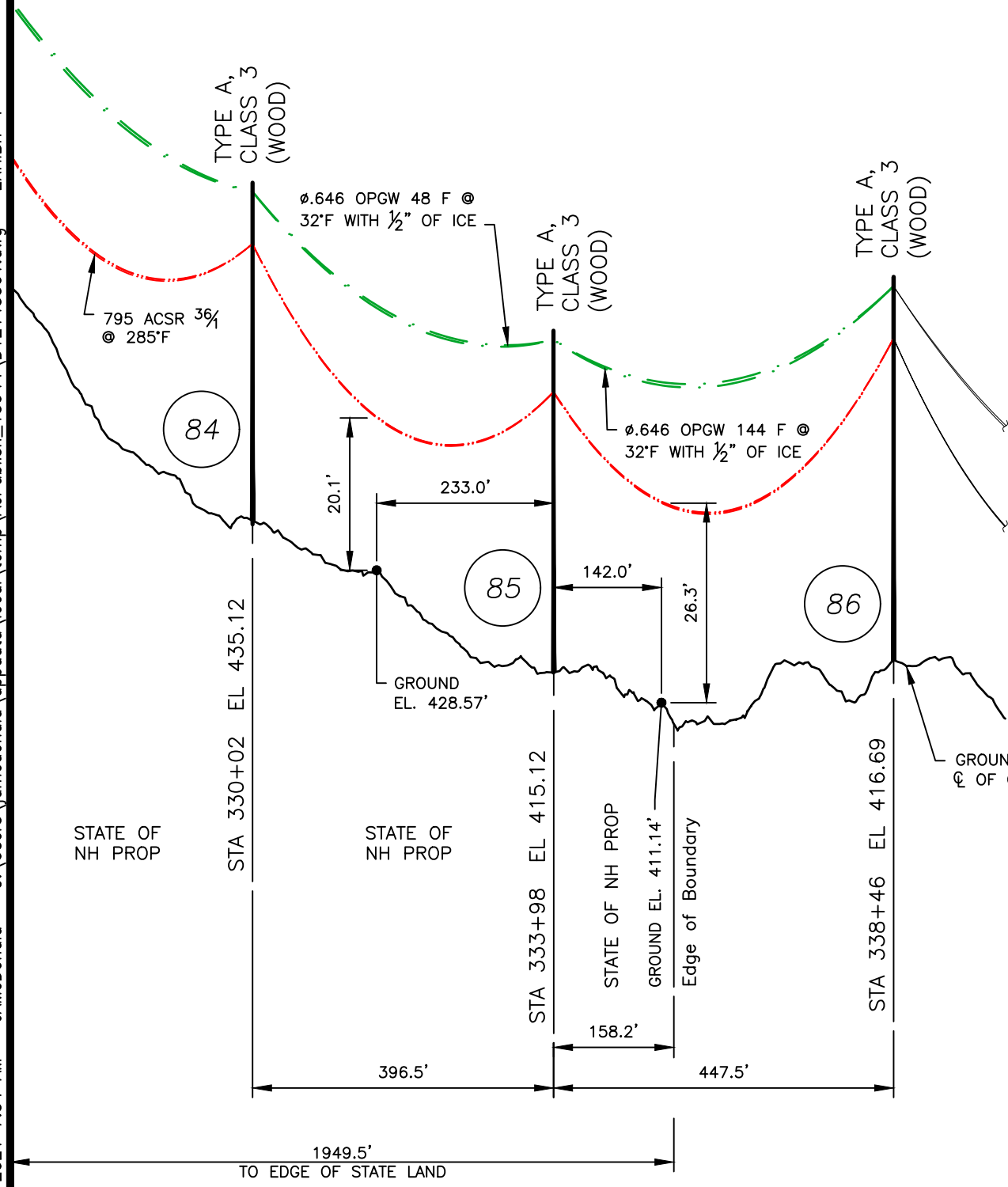
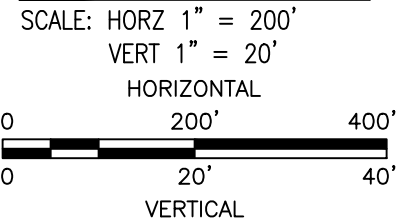
T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRK/TRC
DATE	05/14/21

**LINE D121, 115kV LINE
STATE OWNED LAND CROSSING
HOOKSETT, NEW HAMPSHIRE
EXHIBIT 3**

SCALE AS SHOWN	FILE: D12143501.DWG IMAGE:	DRAWING NO. D12143501	
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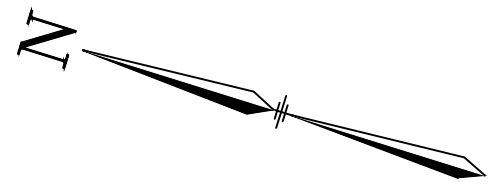
DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	JAM	SEK	BRK
1				05/21				

PROFILE VIEW



PLAN VIEW

SCALE: 1" = 200'

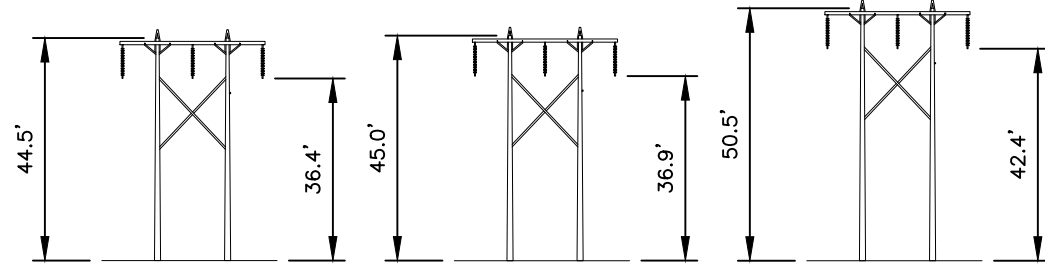


LEGEND:

- #84 STRUCTURE
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- D121 LINE 115KV LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
84	-71.47916610	43.05704235
85	-71.47874936	43.05599898
86	-71.47827117	43.05482159

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
SPACES AND WAYS SUBJECT TO PEDESTRIANS OR RESTRICTED TRAFFIC ONLY	16.1



STRUCTURE 84
TYPE A
STR 84: IS AN EVERSOURCE TYPE A, SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 85
TYPE A
STR 85: IS AN EVERSOURCE TYPE A, SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 86
TYPE A
STR 86: IS AN EVERSOURCE TYPE A, SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE DETAILS

SCALE: NTS

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 795 kcmil 36/1, COOT	5500	0	0.5	4
OPGW	1	48F 0.646 AFL S3-81/69/646	5000	0	0.5	4
OPGW	1	144F 0.646 AFL S3-81/51/646	4500	0	0.5	4

NOTES:

- NH GRANIT PROPERTY BOUNDARY DATA WAS FOUND TO BE INACCURATE. PARCEL INFORMATION IS A COMPILATION OF RECORD INFORMATION FROM A VARIETY OF SOURCES. THE RECORD INFORMATION DISCOVERED DURING THE DEEDS RESEARCH CONDUCTED AT THE MERRIMACK, HILLSBOROUGH, AND ROCKINGHAM COUNTY REGISTRIES OF DEEDS HAVE BEEN RECONCILED WITH INFORMATION CONTAINED ON A VARIETY OF AERIAL PHOTOGRAPHS AND OTHER ELECTRONIC INFORMATION OBTAINED FROM THE STATE OF NEW HAMPSHIRE ARCHIVES AND NH GRANIT.
- ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

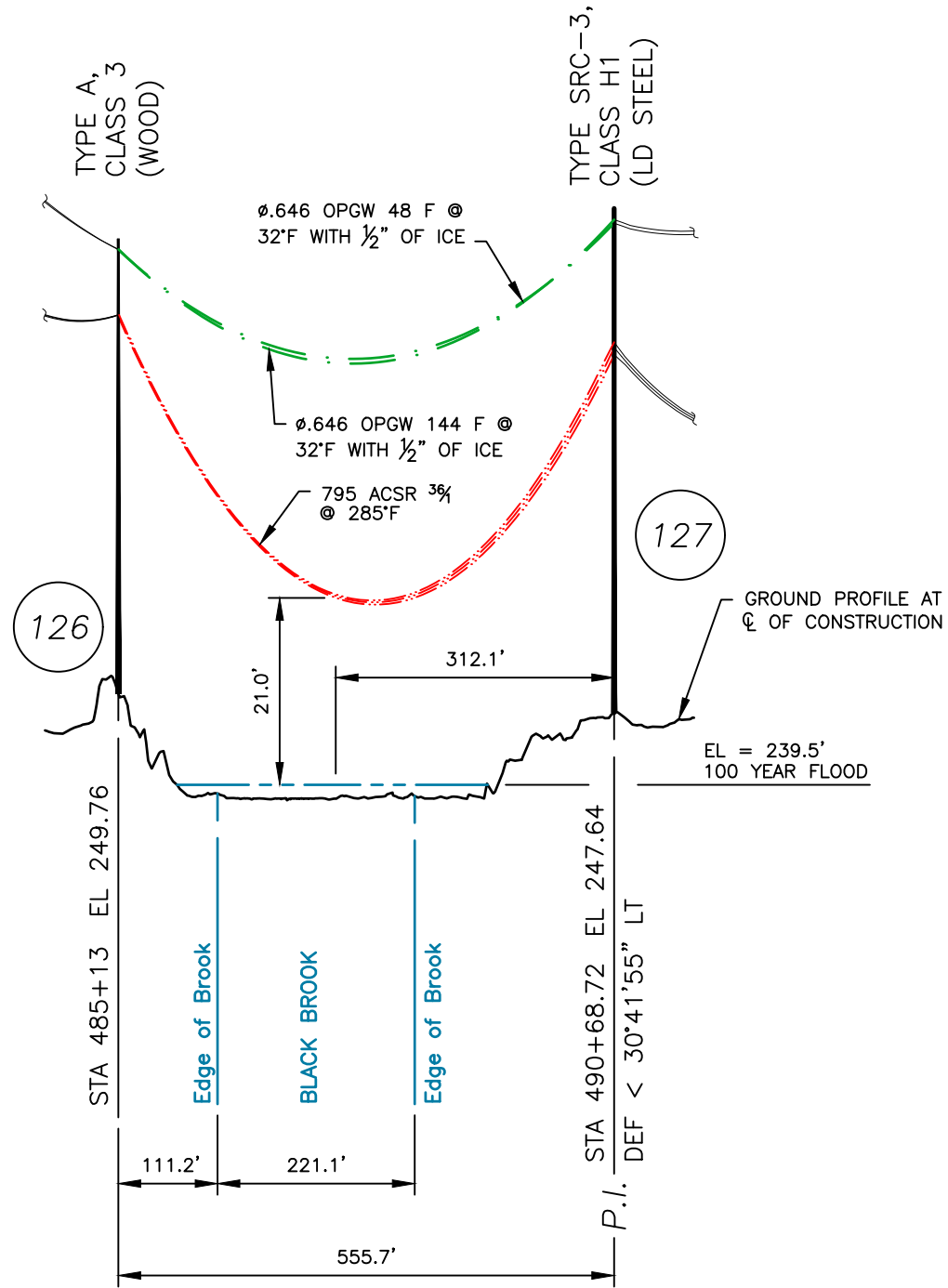
**LINE D121, 115KV LINE
STATE OWNED LAND CROSSING
HOOKSETT, NEW HAMPSHIRE
EXHIBIT 4**

SCALE AS SHOWN	FILE: D12143501.DWG IMAGE:	DRAWING NO. D12143501
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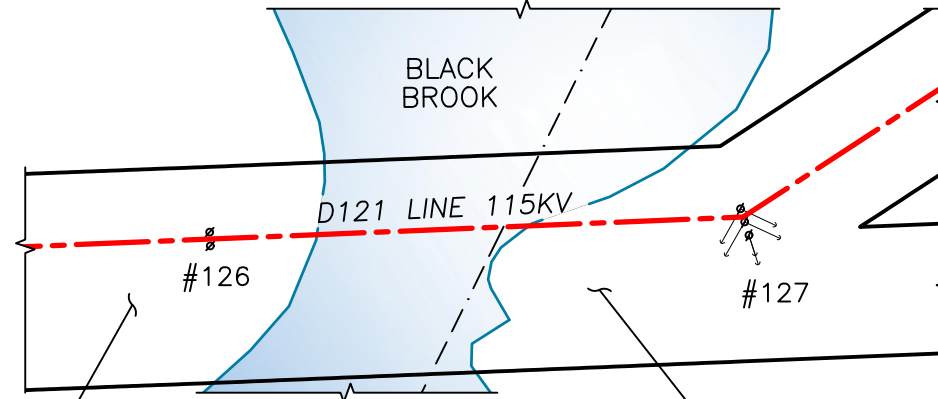
DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	JAM	SEK	BRK
1				05/21				

PROFILE VIEW

SCALE: HORZ 1" = 200'
 VERT 1" = 20'
 HORIZONTAL
 0 200' 400'
 VERTICAL
 0 20' 40'



MAP 890
 LOT 21
 EAF-74
 EAA-3541
 EAA-3550
 EAA-3555
 EAA-3556
 EAA-3559
 EAA-3627



PLAN VIEW

SCALE: 1" = 200'

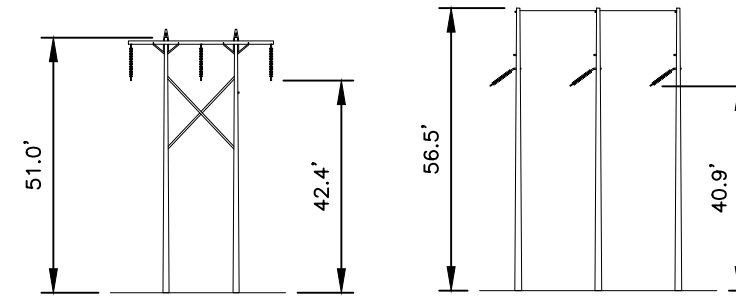
MAP 890
 LOT 4
 EAA-3563
 EAF-73

LEGEND:

- #127 STRUCTURE (WITH GUYS)
- STREAM, EDGE OF RIVER/WATER
- PROPERTY BOUNDARY
- D121 LINE 115KV
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
126	-71.49488623	43.01777811
127	-71.49588312	43.01643558

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
WATER AREAS NOT SUITABLE FOR SAIL BOATING OR WHERE SAIL BOATING IS PROHIBITED	18.6



STRUCTURE 126
 TYPE A

STR 126: IS AN EVERSOURCE TYPE A, SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 127
 TYPE SRC-3

STR 127: IS AN EVERSOURCE TYPE SRC-3, SINGLE CIRCUIT STEEL ANGLE STRUCTURE, HORIZONTAL CONFIG., GUYED

STRUCTURE DETAILS

SCALE: NTS

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 795 kcmil 36/1, COOT	5000	0	0.5	4
OPGW	1	48F Ø0.646 AFL S3-81/69/646	5000	0	0.5	4
OPGW	1	144F Ø0.646 AFL S3-81/51/646	4500	0	0.5	4

NOTES:

- PARCEL INFORMATION PROVIDED BY NH GRANIT.
- ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
- THE 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 03/23/2020 IS A ZONE A. THE ELEVATION WAS DEVELOPED THROUGH CONTOUR INTERPOLATION AS DEFINED IN THE FEMA APPROXIMATE ZONE A AREAS, A GUIDE FOR OBTAINING AND DEVELOPING BASE (100 YEAR) FLOOD ELEVATIONS, SECTION V. DEVELOPING BASE (100 YEAR) FLOOD ELEVATIONS.

		T	1
		DRAWN	JAM/TRC
LINE D121, 115kV LINE BLACK BROOK, PUBLIC WATER CROSSING MANCHESTER, NEW HAMPSHIRE EXHIBIT 5		ENGINEER	GEL/TRC
		CHECKED	SEK/TRC
SCALE AS SHOWN FILE: D12143901.DWG DRAWING NO. D12143901		APPROVED	BRK/TRC
		DATE	05/14/21

DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	JAM	SEK	BRK
1	ISSUED TO PUC			05/21	JAM	SEK	BRK