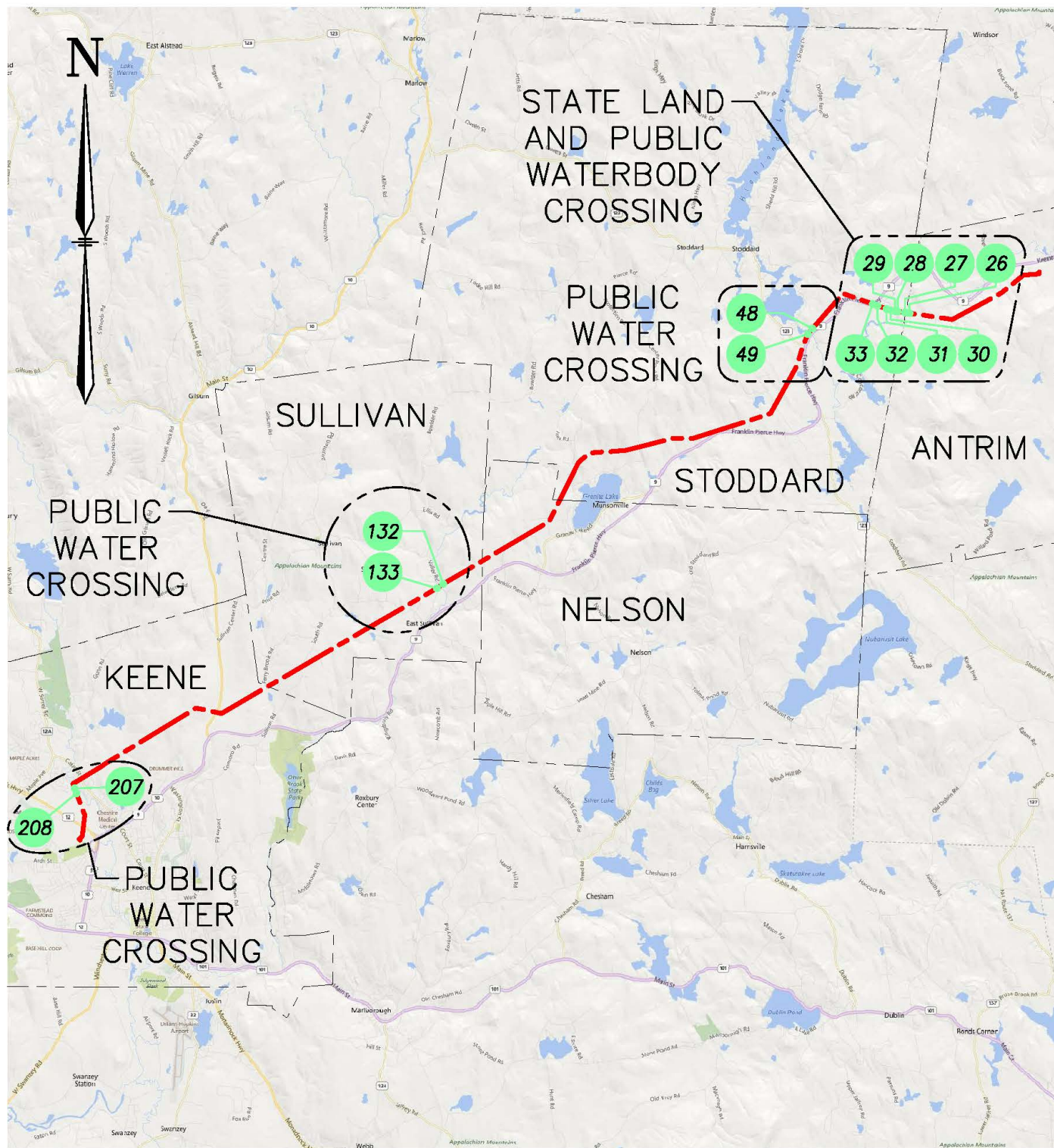




LEGEND:

L163 LINE: ---

L163 STR: 26

EVERSOURCE ENERGY

LINE L163, 115kV LINE
STATE LAND AND PUBLIC WATERBODY CROSSING
ANTRIM, STODDARD, SULLIVAN AND KEENE, NEW HAMPSHIRE
EXHIBIT 1

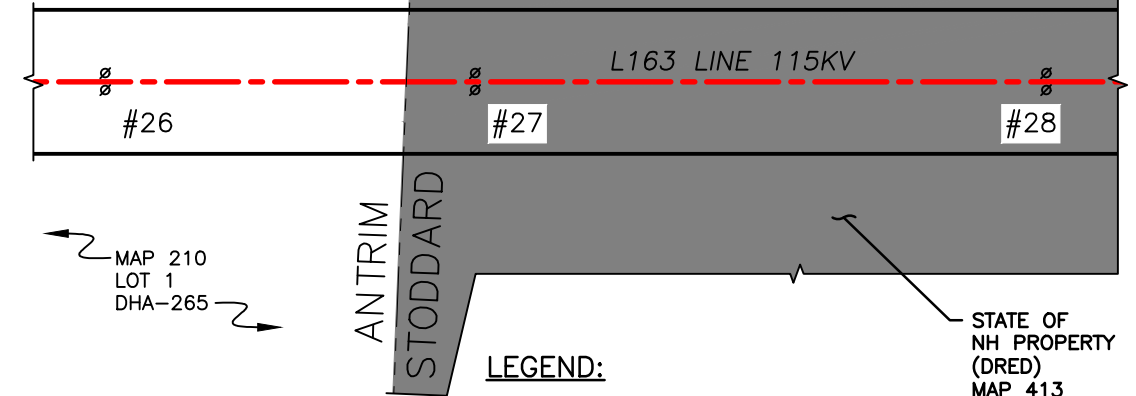
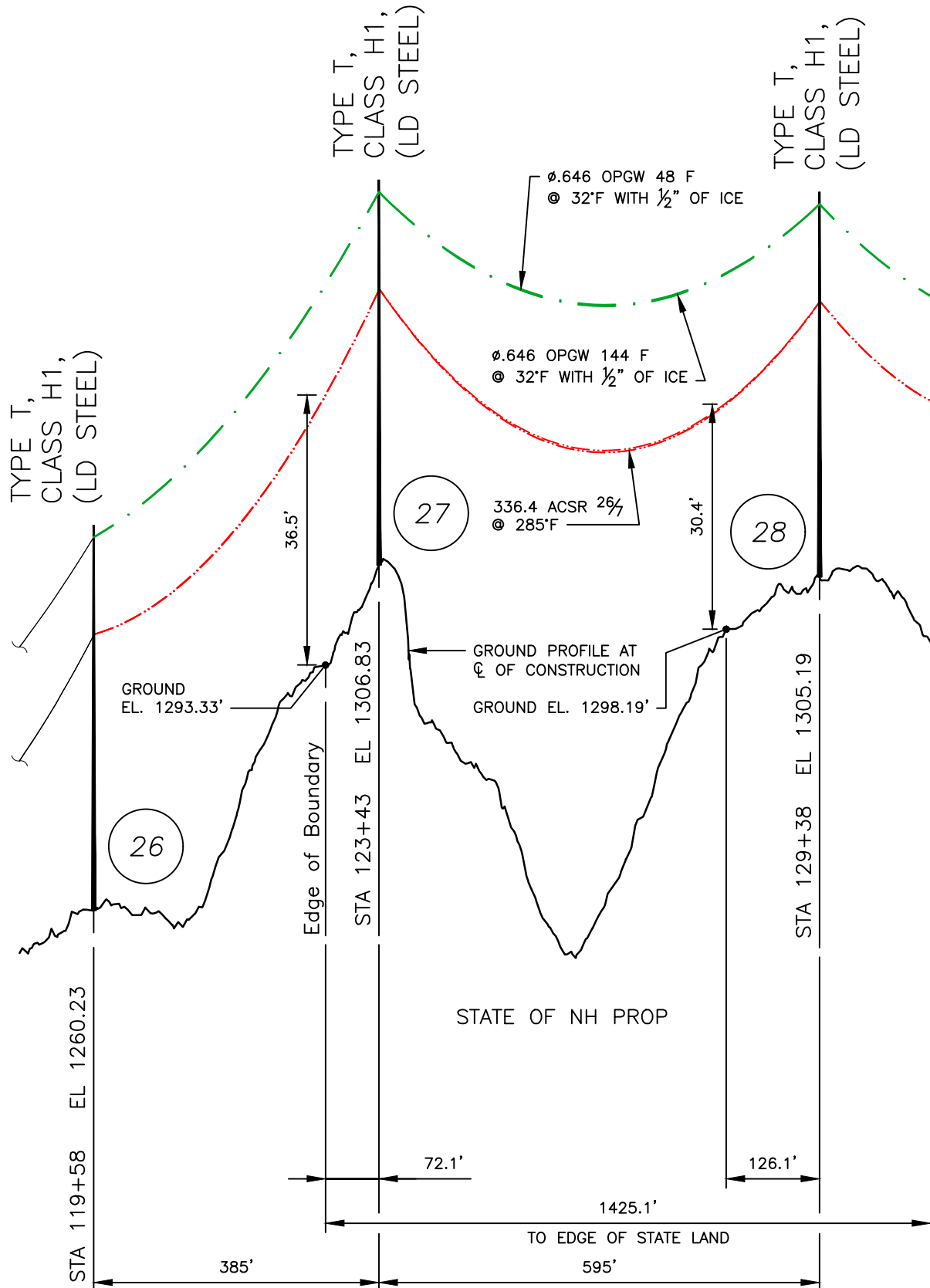
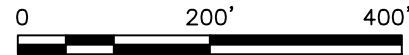
SCALE
1" = 12000'

FILE: L16343501.DWG
MADE:

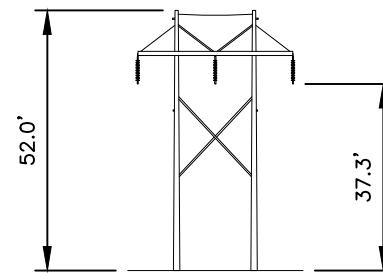
DRAWING NO.
L16343501

T	3
DRAWN	SEK/TRC
ENGINEER	GEL/TRC
CHECKED	GEL/TRC
APPROVED	BRS/TRC
DATE	12/11/20

DWG REV	EPN/DESCRIPTION	CONT/PE	DATE	DRN	CHKD	APPR
3	RE-ISSUE TO PUC		2/5/21	SEK	BRS	GEL
2	RE-ISSUE TO PUC		2/3/21	SEK	BRS	GEL
1	ISSUED TO PUC		12/20	SEK	GEL	BRS



SCALE: 1" = 200'



STR 28: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
TANGENT STEEL STRUCTURE,
HORIZONTAL CONFIG.

LEGEND:

Ø #26 STRUCTURE

STATE OF NEW HAMPSHIRE
PROPERTY

PROPERTY BOUNDARY

L163 LINE 115KV

LINE, ½ OF CONSTRUCTION

LIMITS OF EVERSOURCE
RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
26	-72.04525006	43.06457063
27	-72.04667619	43.06472036
28	-72.04887928	43.06495164

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
OTHER AREAS TRAVERSED BY VEHICLES, SUCH AS CULTIVATED, GRAZING, FOREST, AND ORCHARD LANDS, INDUSTRIAL SITES, COMMERCIAL SITES, ETC.	20.1

NOTES:

1. PARCEL INFORMATION PROVIDED BY NH GRANIT.
2. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

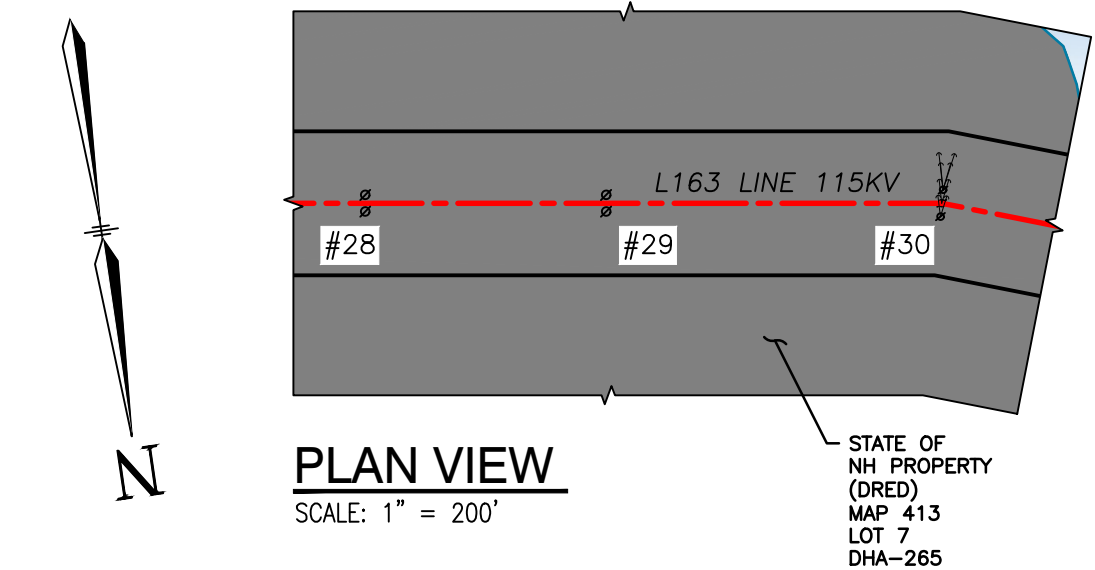
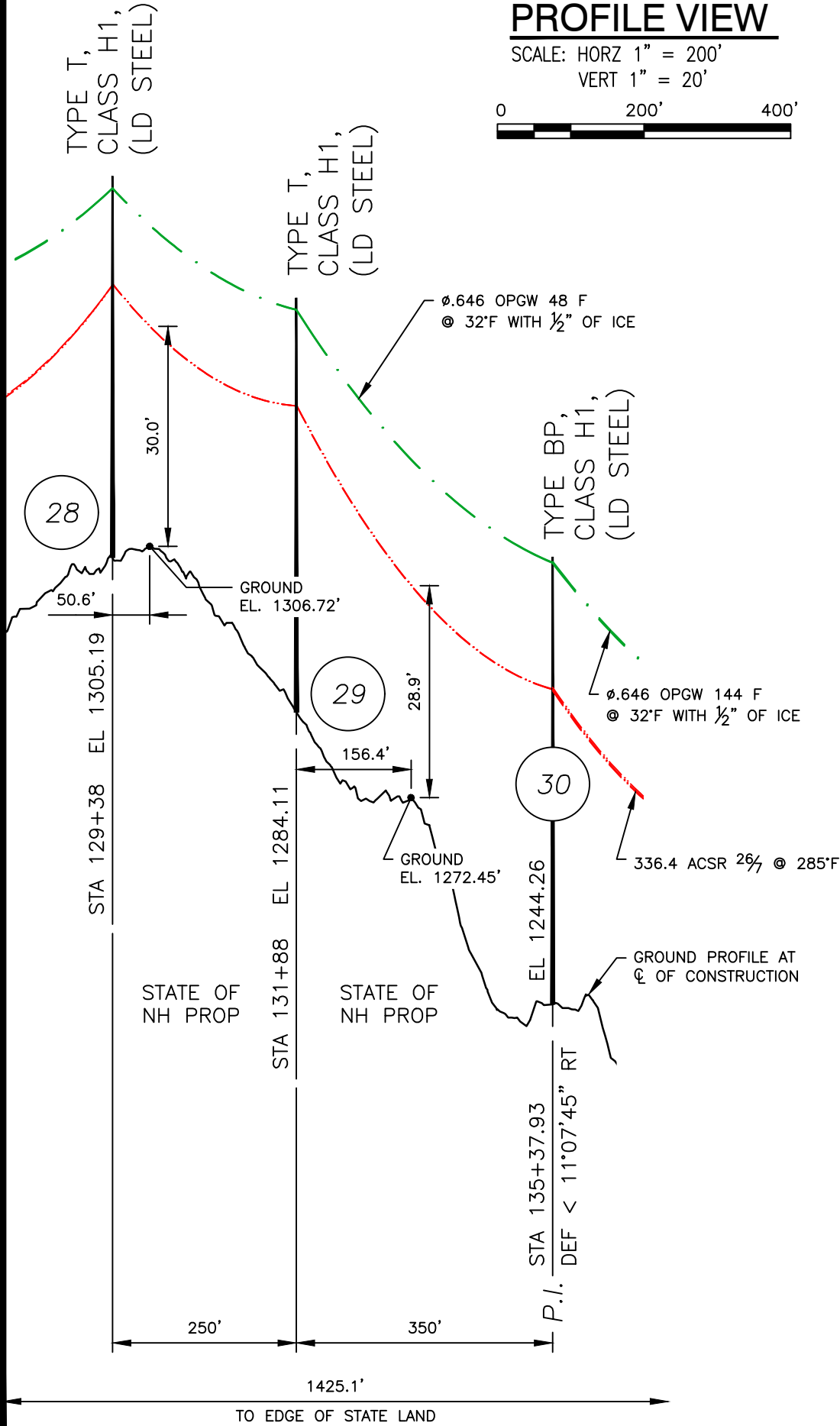
STRUCTURE DETAILS

SCALE: NTS

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 336.4 kcmil 26/7, LINNET	4500	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	5000	0	0.5	4

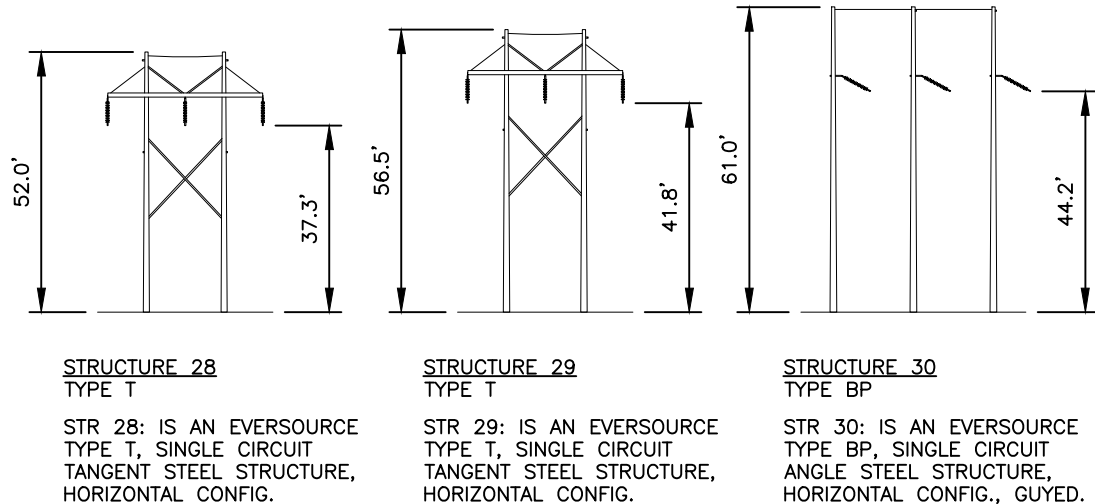
3	RE-ISSUE TO PUC		2/5/21	SEK	BRS	GE			
2	RE-ISSUE TO PUC		2/3/21	SEK	BRS	GE			
1	ISSUED TO PUC		12/20	SEK	GEL	BRS			
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APP			

	T 1	
	DRAWN SEK/TRC	
	ENGINEER GEL/TRC	
	CHECKED GEL/TRC	
	APPROVED BRS/TRC	
LINE L163, 115kV LINE STATE LAND CROSSING ANTRIM & STODDARD, NEW HAMPSHIRE EXHIBIT 2		
SCALE AS SHOWN	FILE: L16343501.DWG IMAGE:	DRAWING NO. L16343501
		DATE 12/11/20



LEGEND:

- #30 STRUCTURE (WITH GUYS)
- STATE OF NEW HAMPSHIRE PROPERTY
- STREAM, EDGE OF RIVER/WATER
- PROPERTY BOUNDARY
- L163 LINE 115KV
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY



STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
28	-72.04887928	43.06495164
29	-72.04980813	43.06504914
30	-72.05110780	43.06517037

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kv
OTHER AREAS TRAVERSED BY VEHICLES, SUCH AS CULTIVATED, GRAZING, FOREST, AND ORCHARD LANDS, INDUSTRIAL SITES, COMMERCIAL SITES, ETC.	20.1
WATER AREAS NOT SUITABLE FOR SAIL BOATING OR WHERE SAIL BOATING IS PROHIBITED	18.6

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, 336.4 kcmil 26/7, LINNET	4500	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	5000	0	0.5	4

- NOTES:**
- PARCEL INFORMATION PROVIDED BY NH GRANIT.
 - ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
 - 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 01/16/2020.

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
3	RE-ISSUE TO PUC		2/5/21	SEK	BRS	GEL
2	RE-ISSUE TO PUC		2/3/21	SEK	BRS	GEL
1	ISSUED TO PUC		12/20	SEK	GEL	BRS

EVERSOURCE ENERGY

LINE L163, 115kV LINE
N. BRANCH RIVER, WATERBODY & STATE LAND CROSSING
STODDARD, NEW HAMPSHIRE
EXHIBIT 3

SCALE: AS SHOWN
FILE: L16343501.DWG
IMAGE:

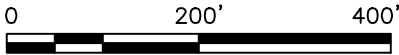
DRAWING NO. L16343501

T	1
DRAWN	SEK/TRC
ENGINEER	GEL/TRC
CHECKED	GEL/TRC
APPROVED	BRS/TRC
DATE	12/11/20

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
30	-72.05110780	43.06517037
31	-72.05235056	43.06550492
32	-72.00513318	43.06621832

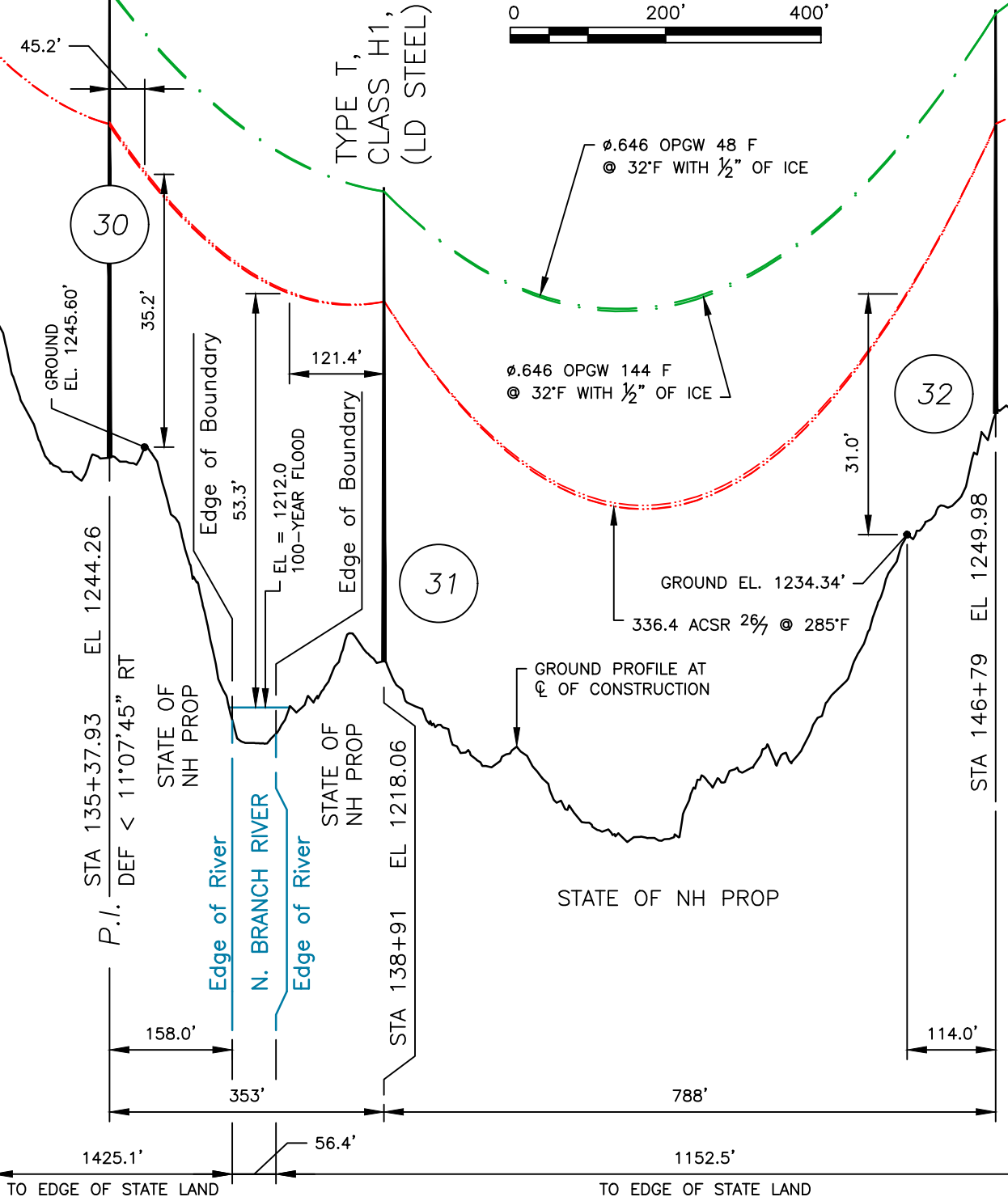
PROFILE VIEW

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

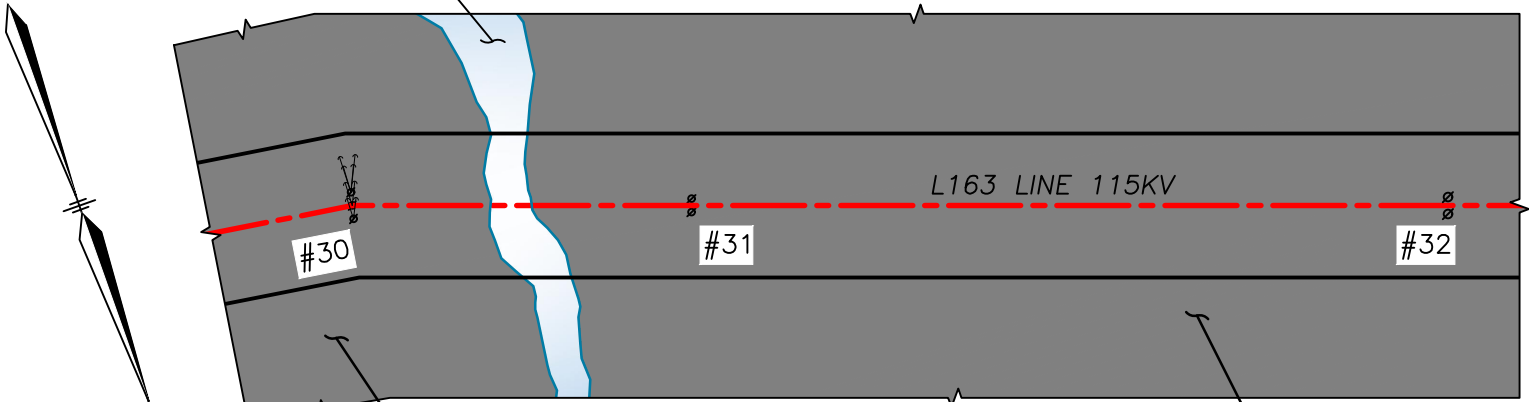


TYPE T,
CLASS H1,
(LD STEEL)

TYPE BP,
CLASS H1,
(LD STEEL)



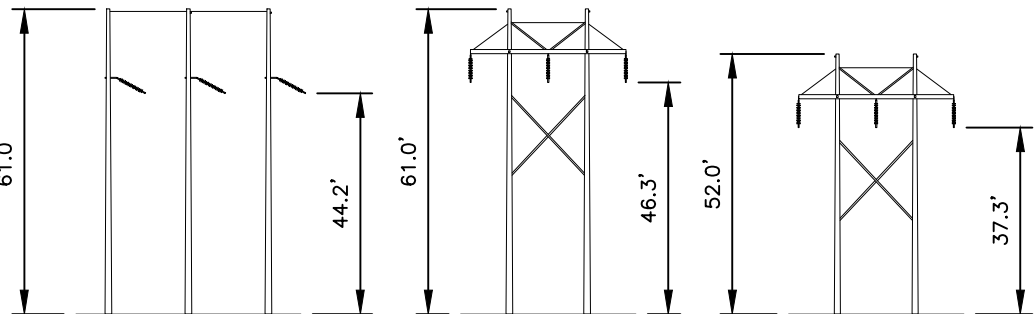
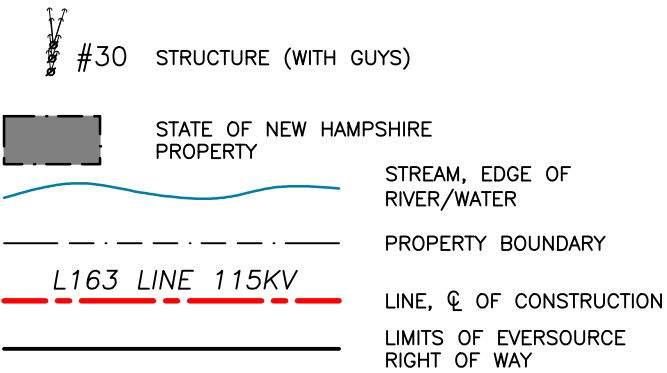
N. BRANCH RIVER



PLAN VIEW

SCALE: 1" = 200'

LEGEND:



STRUCTURE 30
TYPE BP

STR 30: IS AN EVERSOURCE
TYPE BP, SINGLE CIRCUIT
ANGLE STEEL STRUCTURE,
HORIZONTAL CONFIG., GUYED.

STRUCTURE 31
TYPE T

STR 31: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
TANGENT STEEL STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 32
TYPE T

STR 32: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
TANGENT STEEL 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, 336.4 kcmil 26/7, LINNET	4500	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	5000	0	0.5	4

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kv
OTHER AREAS TRAVERSED BY VEHICLES, SUCH AS CULTIVATED, GRAZING, FOREST, AND ORCHARD LANDS, INDUSTRIAL SITES, COMMERCIAL SITES, ETC.	20.1
WATER AREAS NOT SUITABLE FOR SAIL BOATING OR WHERE SAIL BOATING IS PROHIBITED	18.6

NOTES:

1. PARCEL INFORMATION PROVIDED BY NH GRANIT.
2. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
3. 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 01/16/2020.

EVERSOURCE
ENERGY

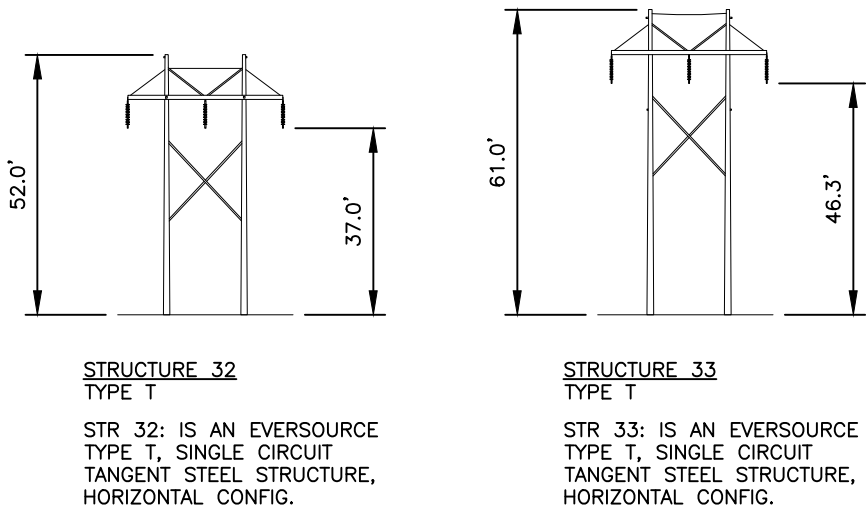
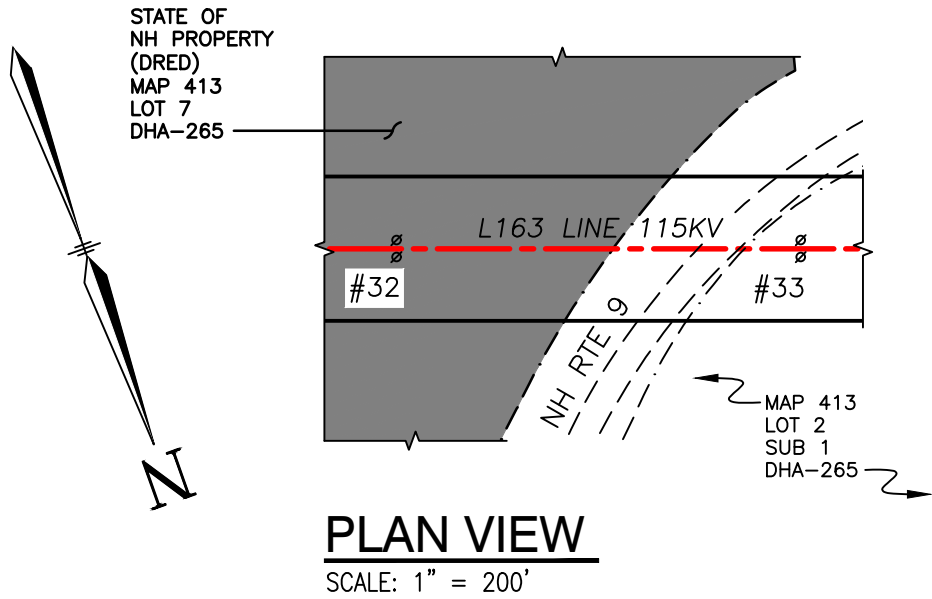
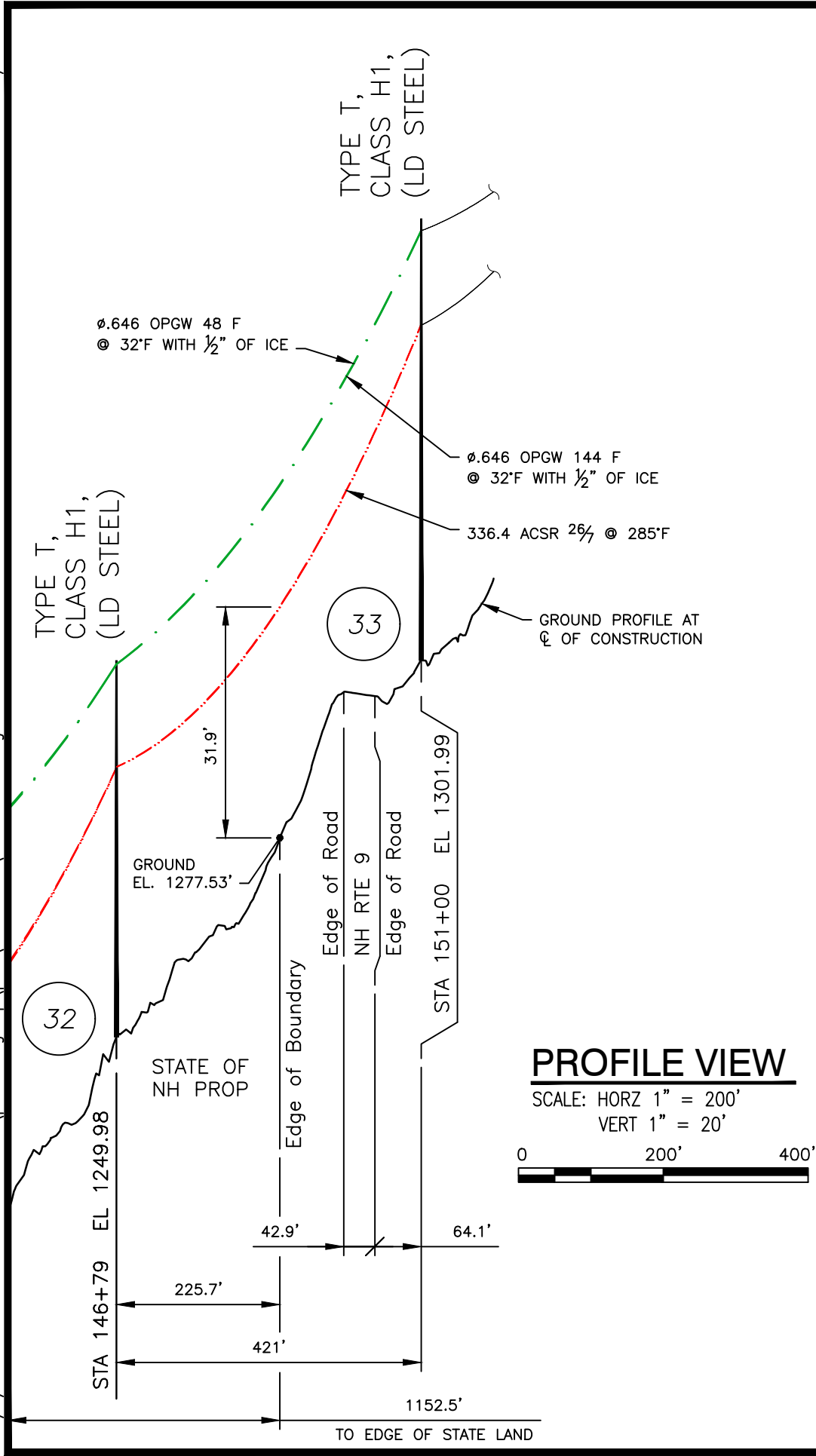
LINE L163, 115kV LINE
N. BRANCH RIVER, WATERBODY & STATE LAND CROSSING
STODDARD, NEW HAMPSHIRE
EXHIBIT 4

SCALE: AS SHOWN
FILE: L16343501.DWG
IMAGE:

DRAWING NO.
L16343501

T	1
DRAWN	SEK/TRC
ENGINEER	GEL/TRC
CHECKED	GEL/TRC
APPROVED	BRS/TRC
DATE	12/11/20

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
3	RE-ISSUE TO PUC		2/5/21	SEK	BRS	GEL
2	RE-ISSUE TO PUC		2/3/21	SEK	BRS	GEL
1	ISSUED TO PUC		12/20	SEK	GEL	BRS



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, 336.4 kcmil 26/7, LINNET	4500	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	5000	0	0.5	4

3	RE--ISSUE TO PUC		2/5/21	SEK	BRS	GEL
2	RE--ISSUE TO PUC		2/3/21	SEK	BRS	GEL
1	ISSUED TO PUC		12/20	SEK	GEL	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

LEGEND:

Ø #33 STRUCTURE

STATE OF NEW HAMPSHIRE PROPERTY

PROPERTY BOUNDARY

L163 LINE 115KV

LINE, CL OF CONSTRUCTION

LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
32	-72.05513318	43.06621832
33	-72.05662032	43.06659955

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kv
OTHER AREAS TRAVERSED BY VEHICLES, SUCH AS CULTIVATED, GRAZING, FOREST, AND ORCHARD LANDS, INDUSTRIAL SITES, COMMERCIAL SITES, ETC.	20.1

NOTES:

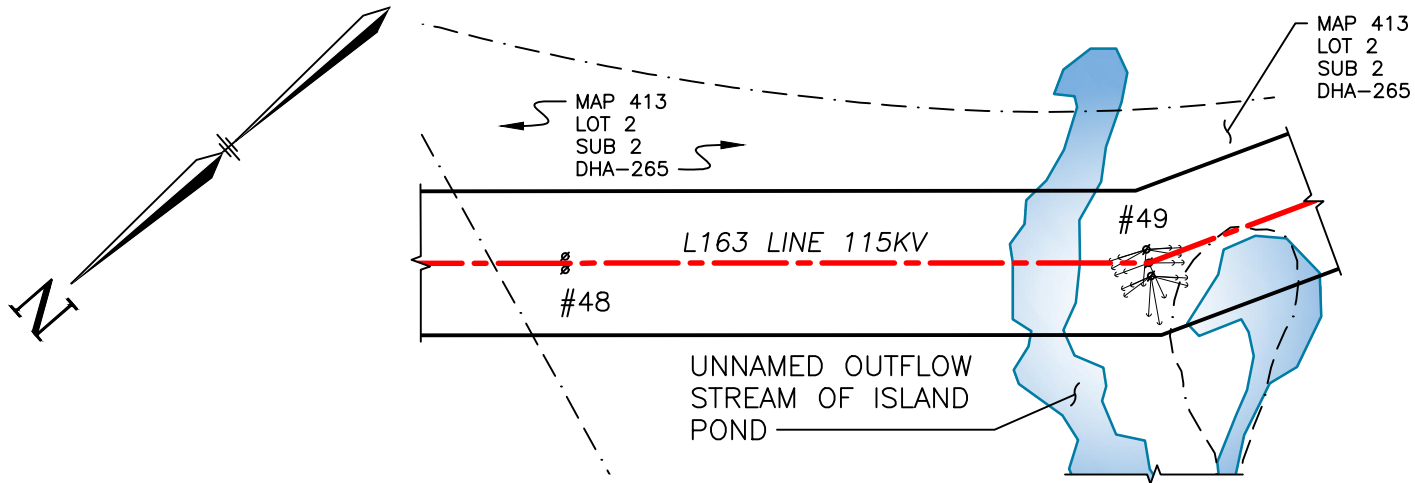
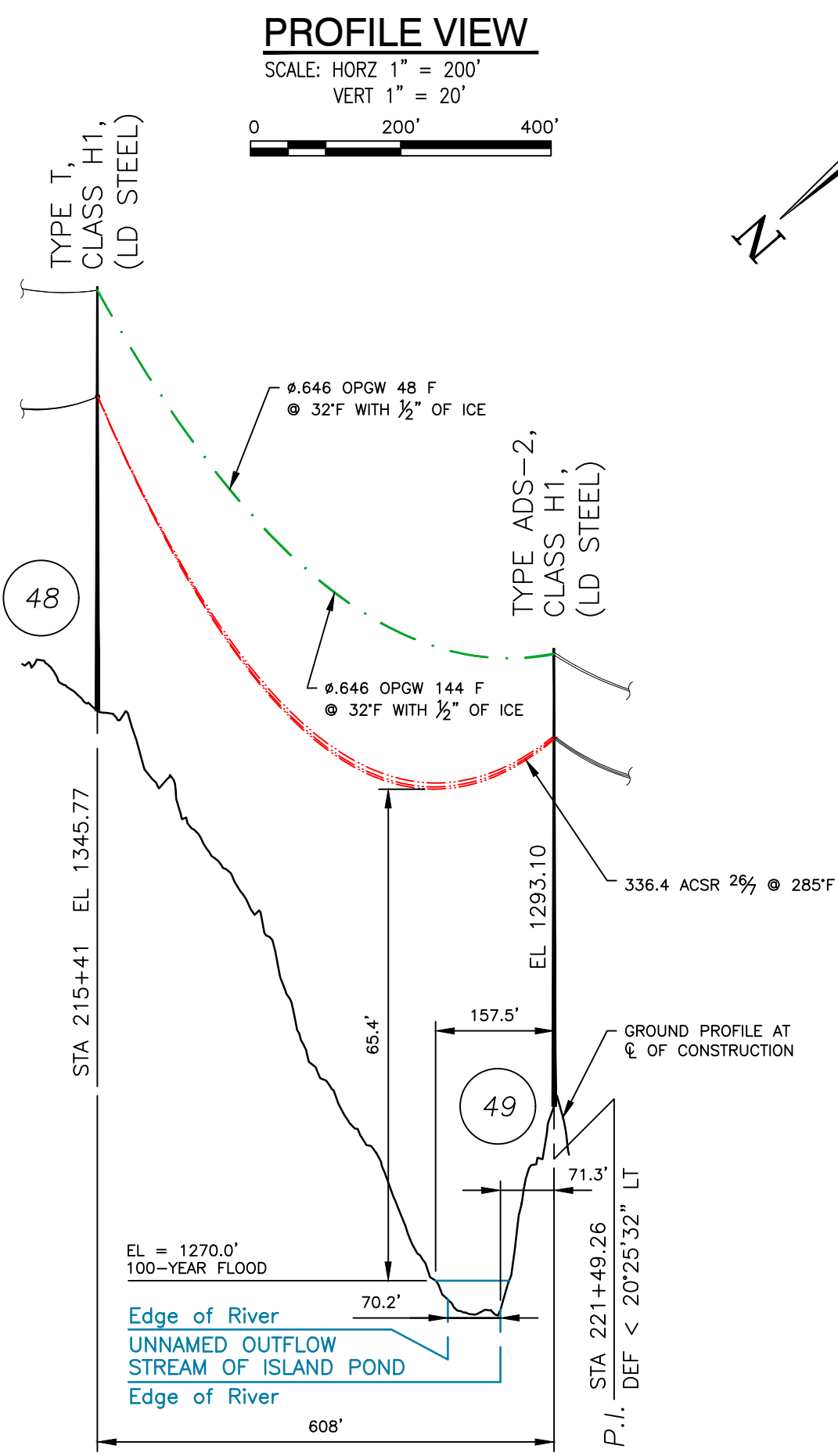
1. PARCEL INFORMATION PROVIDED BY NH GRANIT.

2. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

LINE L163, 115kV LINE
STATE LAND CROSSING
STODDARD, NEW HAMPSHIRE
EXHIBIT 5

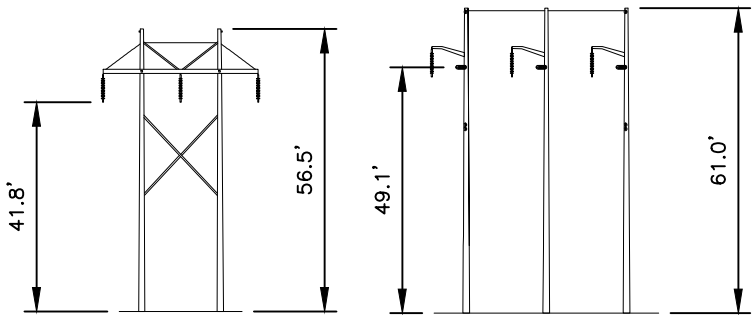
SCALE AS SHOWN	FILE: L16343501.DWG IMAGE:	DRAWING NO. L16343501
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T	1
DRAWN SEK/TRC	
ENGINEER GEL/TRC	
CHECKED GEL/TRC	
APPROVED BRS/TRC	
DATE 12/11/20	



PLAN VIEW

SCALE: 1" = 200'



STRUCTURE 48
TYPE T
STR 48: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT TANGENT STEEL STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 49
TYPE ADS-2
STR 49: IS AN EVERSOURCE TYPE ADS-2, SINGLE CIRCUIT DEADEND STEEL 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, 336.4 kcmil 26/7, LINNET	4500	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	5000	0	0.5	4

3	RE-ISSUE TO PUC		2/5/21	SEK	BRS	GEL
2	RE-ISSUE TO PUC		2/3/21	SEK	BRS	GEL
1	ISSUED TO PUC		12/20	SEK	GEL	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

LEGEND:

#49
STRUCTURE (WITH GUYS)

STREAM, EDGE OF RIVER/WATER

PROPERTY BOUNDARY

L163 LINE 115KV
LINE, CL OF CONSTRUCTION

LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
48	-72.07518214	43.06098880
49	-72.07666392	43.05972351

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

- ### NOTES:
- PARCEL INFORMATION PROVIDED BY NH GRANIT.
 - ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
 - 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 01/16/2020.

EVERSOURCE ENERGY

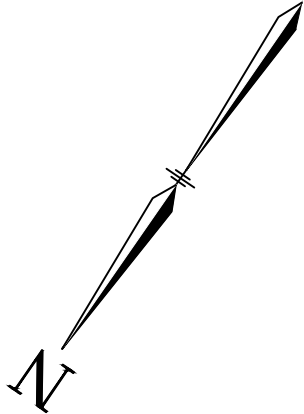
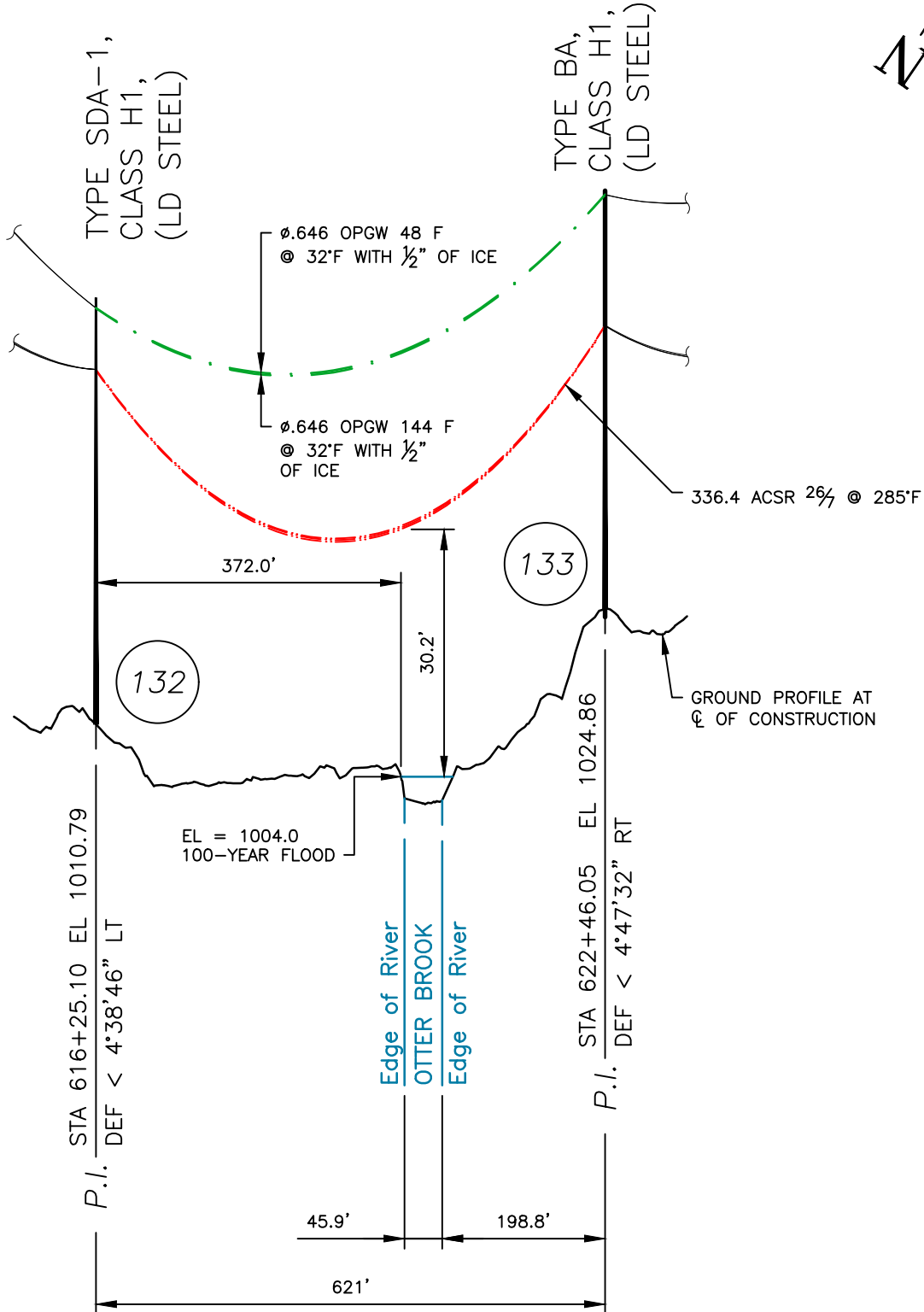
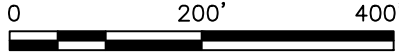
LINE L163, 115kV LINE
UNNAMED OUTFLOW STREAM OF ISLAND POND, WATERBODY CROSSING
STODDARD, NEW HAMPSHIRE
EXHIBIT 6

T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	12/11/20

SCALE	FILE: L16343901.DWG	DRAWING NO.
AS SHOWN	IMAGE:	L16343901

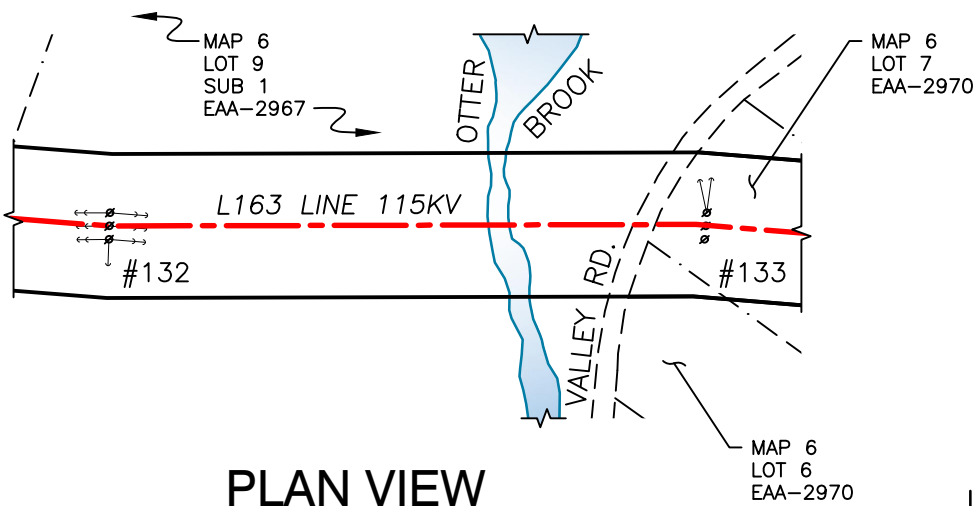
PROFILE VIEW

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

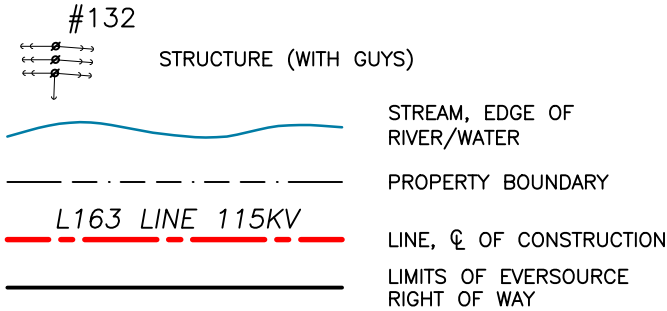


PLAN VIEW

SCALE: 1" = 200'



LEGEND:



STRUCTURE LOCATION

STRUCTURE	LONGITUDE	LATITUDE
132	-72.18881215	43.00267702
133	-72.19071266	43.00169940

NESC VERTICAL CLEARANCE (FT)
FROM TABLE 232.1

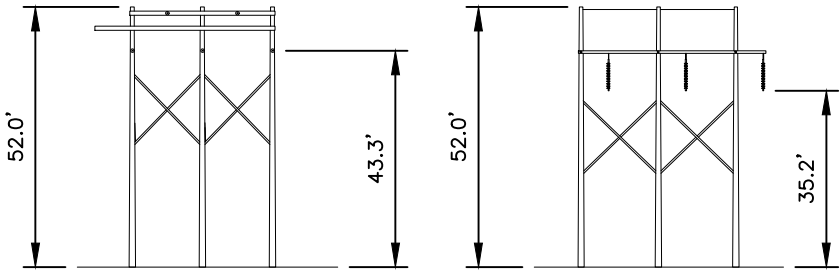
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
WATER AREAS NOT SUITABLE FOR SAIL BOATING OR WHERE SAIL BOATING IS PROHIBITED	18.6

NOTES:

1. PARCEL INFORMATION PROVIDED BY NH GRANIT.
2. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
3. 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 01/16/2020.

STRUCTURE DETAILS

SCALE: NTS



STRUCTURE 132
TYPE SDA-1

STR 132: IS AN EVERSOURCE
TYPE SDA-1, SINGLE CIRCUIT
DEADEND STEEL STRUCTURE,
HORIZONTAL CONFIG., GUYED.

STRUCTURE 133
TYPE BA

STR 133: IS AN EVERSOURCE
TYPE BA, SINGLE CIRCUIT
TANGENT STEEL STRUCTURE,
HORIZONTAL CONFIG., GUYED.

CABLE SCHEDULE

WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 336.4 kcmil 26/7, LINNET	4500	0	0.5	4
OPGW	1	48F 0.646 AFL S3-81/69/646	5500	0	0.5	4
OPGW	1	144F 0.646 AFL S3-81/51/646	5500	0	0.5	4

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
3	RE-ISSUE TO PUC		2/5/21	SEK	BRS	GEL
2	RE-ISSUE TO PUC		2/3/21	SEK	BRS	GEL
1	ISSUED TO PUC		12/20	SEK	GEL	BRS

EVERSOURCE
ENERGY

LINE L163, 115kV LINE
OTTER BROOK, WATERBODY CROSSING
SULLIVAN, NEW HAMPSHIRE
EXHIBIT 7

SCALE
AS SHOWN

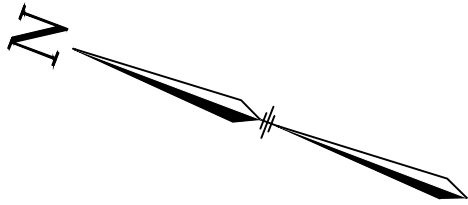
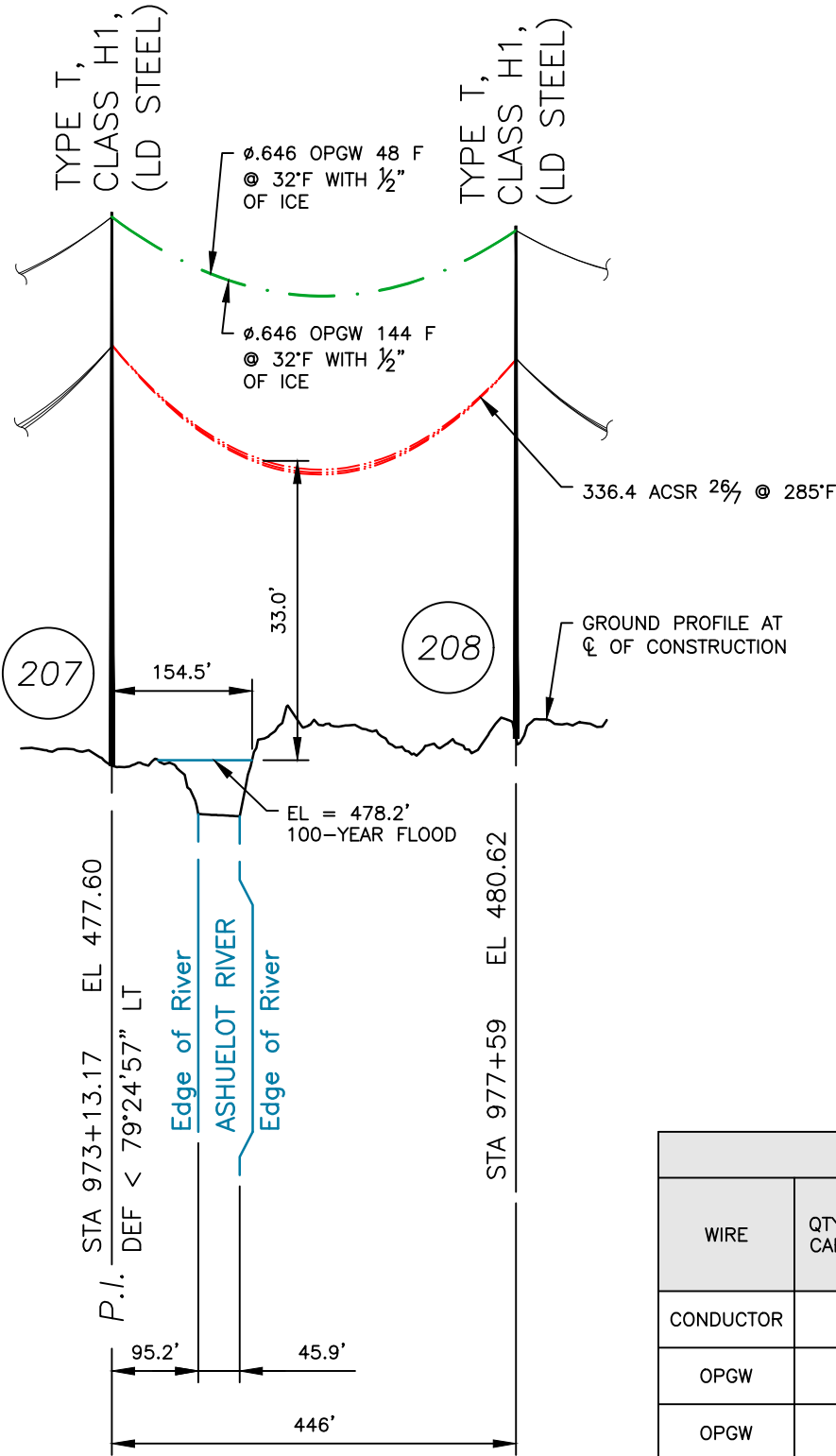
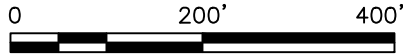
FILE: L16343902.DWG
IMAGE:

DRAWING NO.
L16343902

T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	12/11/20

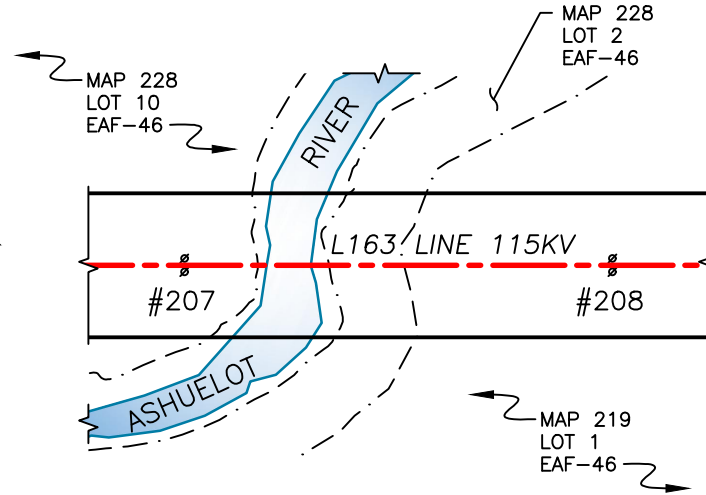
PROFILE VIEW

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



PLAN VIEW

SCALE: 1" = 200'



LEGEND:

- #207 STRUCTURE
- STREAM, EDGE OF RIVER/WATER
- PROPERTY BOUNDARY
- L163 LINE 115KV
- LINE, CL OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
207	-72.30201207	42.95579255
208	-72.30140992	42.95465270

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

NOTES:

- PARCEL INFORMATION PROVIDED BY NH GRANIT.
- ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
- 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 01/16/2020.

STRUCTURE 207
TYPE T

STR 207: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
TANGENT STEEL STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 208
TYPE T

STR 208: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
TANGENT STEEL STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE DETAILS

SCALE: NTS

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
3	RE-ISSUE TO PUC		2/5/21	SEK	BRS	GEL
2	RE-ISSUE TO PUC		2/3/21	SEK	BRS	GEL
1	ISSUED TO PUC		12/20	SEK	GEL	BRS

LINE L163, 115kV LINE
ASHUELOT RIVER, WATERBODY CROSSING
KEENE, NEW HAMPSHIRE
EXHIBIT 8

SCALE AS SHOWN	FILE: L16343903.DWG IMAGE:	DRAWING NO. L16343903
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T	1
DRAWN JAM/TRC	
ENGINEER GEL/TRC	
CHECKED SEK/TRC	
APPROVED BRS/TRC	
DATE 12/11/20	

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 336.4 kcmil 26/7, LINNET	4500	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	5000	0	0.5	4