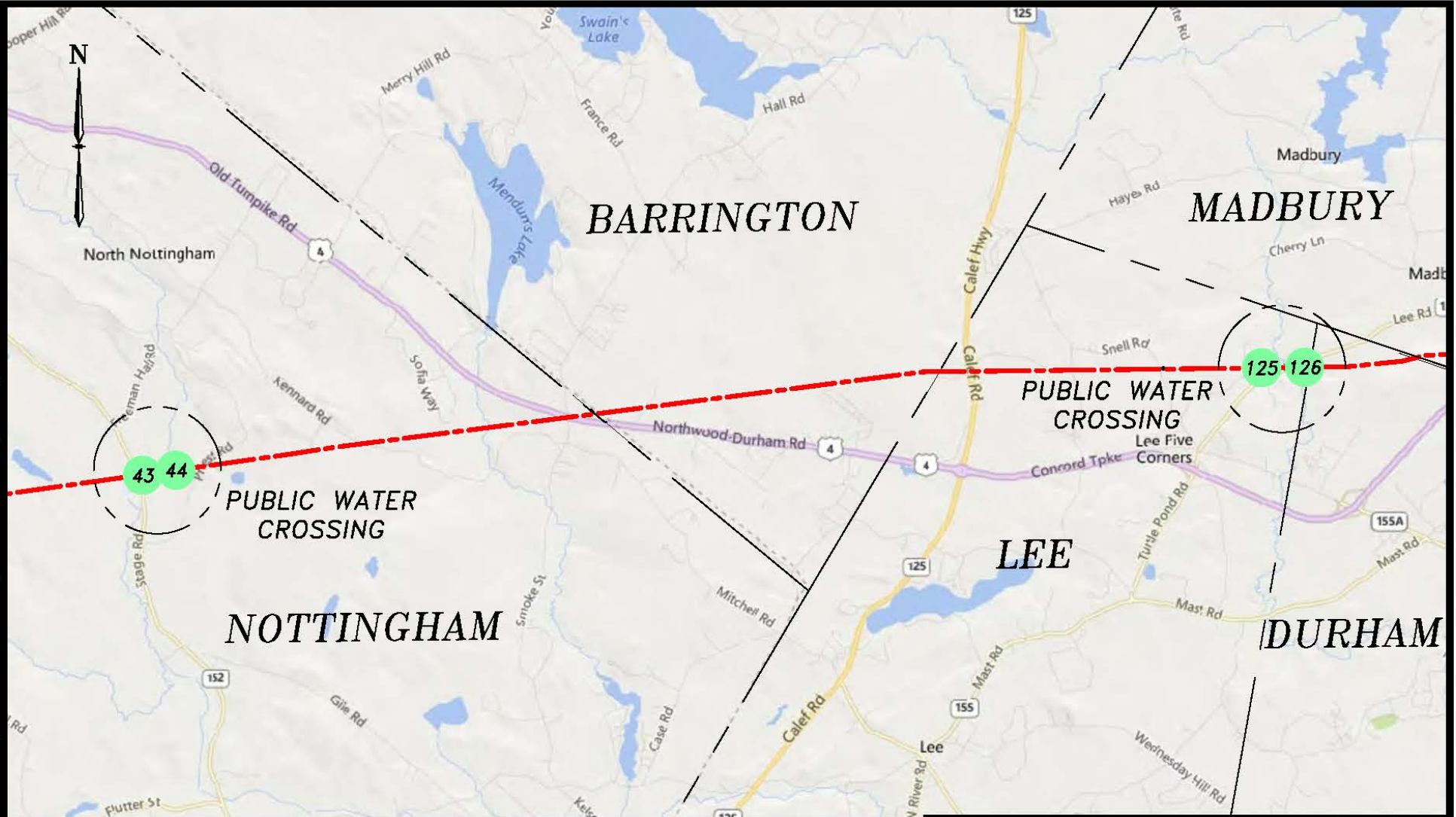


12/8/2020 1:45 PM - spensct - N:\ADEPT WORK AREA\NH WORK AREA\SPE...\L17543901.dwg - EXHIBITES VER: 12/2016



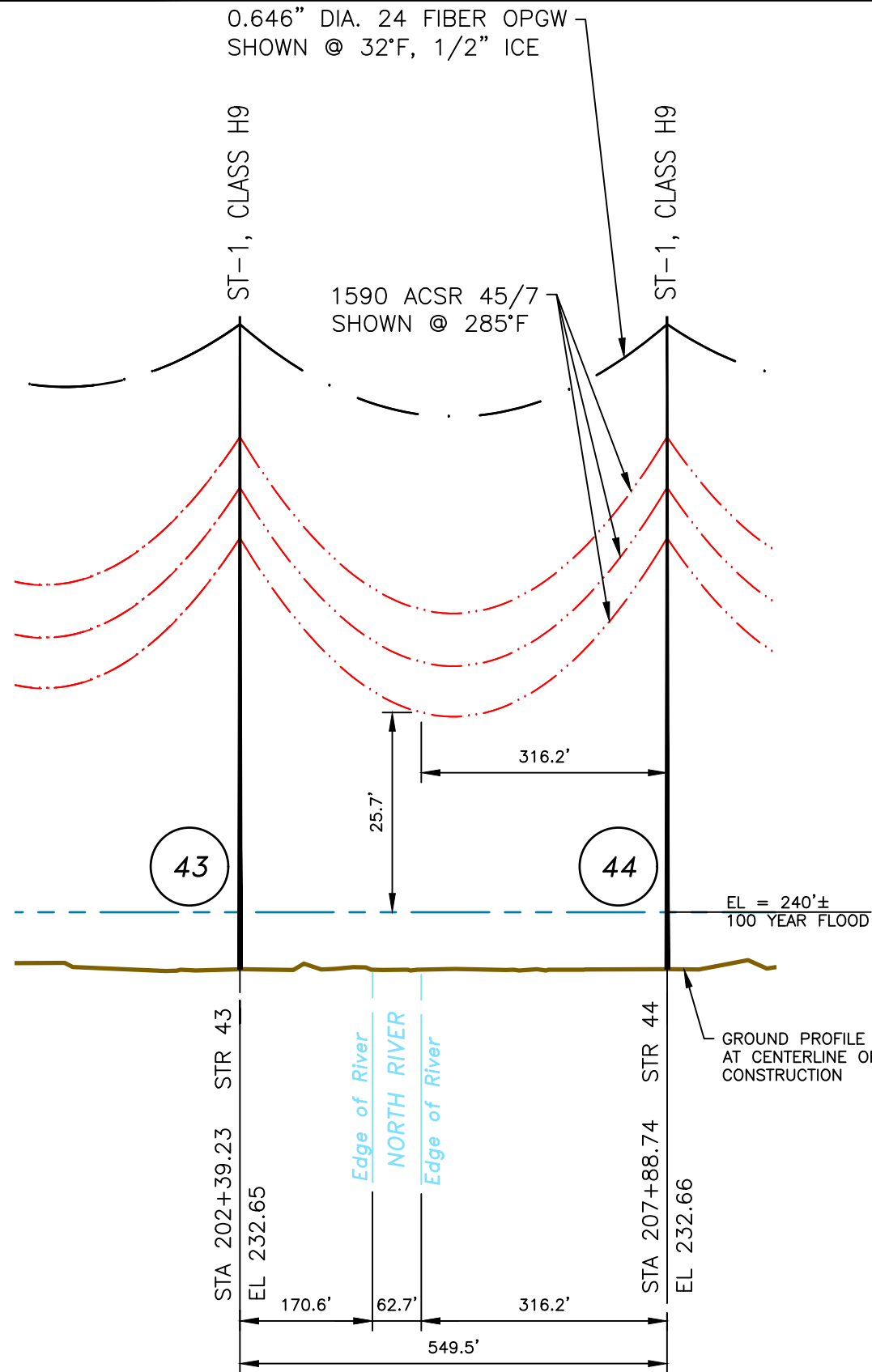
LEGEND:

- L175 LINE: ———
- L175 STR: #

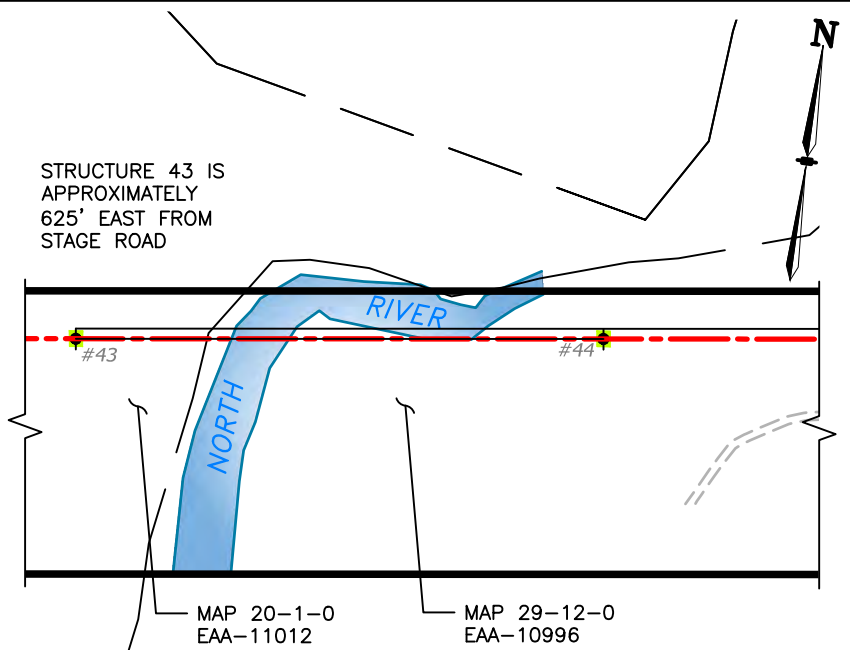
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	SUBMITTED TO PUC WO#T1417A01		12/02/20	CTS	JRS	APS

EVERSOURCE ENERGY		1
DRAWN CTS		
ENGINEER APS		
CHECKED JRS		
APPROVED APS		
DATE 12/02/20		
L175 LINE, 115kV LINE NORTH RIVER & OYSTER RIVER WATERBODY CROSSING NOTTINGHAM & LEE, NEW HAMPSHIRE EXHIBIT 1		
SCALE 1: 5000	FILE: L17543901.DWG IMAGE:	DRAWING NO. L17543901

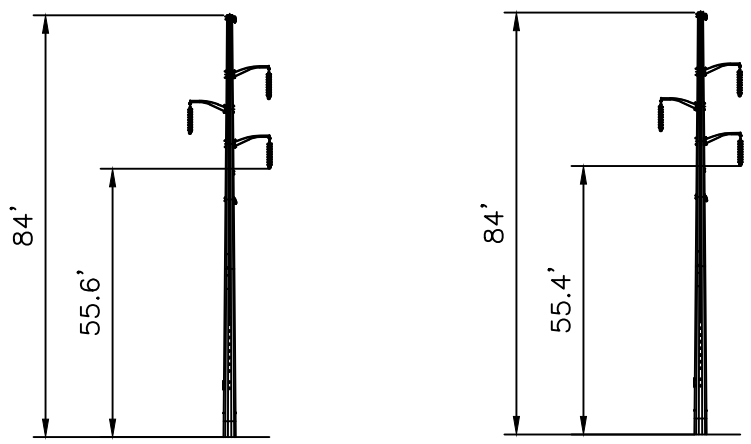
12/8/2020 1:45 PM - spensct - N:\ADEPT WORK AREA\NH WORK AREA\SPENSCT\115KV MILESHEET WORK...L17543901.dwg - EXHIBIT 2 ES VER: 12/2016



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



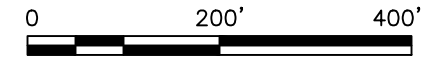
PLAN VIEW
SCALE: 1" = 200'



STRUCTURE 43
TYPE ST-1
STR 43: IS A EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL POLE TANGENT, DELTA CONFIG.

STRUCTURE 44
TYPE ST-1
STR 44: IS A EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL POLE TANGENT, DELTA CONFIG.

STRUCTURE DETAIL
SCALE: NTS



LEGEND:

- #126 STRUCTURE
- PROPERTY BOUNDARY
- L175 LINE 115KV** LINE, ϕ OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
43	-71.1111870	43.1495636
44	-71.1091472	43.1497639

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

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	1590 ACSR $\frac{45}{7}$	10000	0	0.5	4
OPGW	1	24 FIBER OPGW	4000	0	0.5	4

- NOTES:**
1. PARCEL INFORMATION PROVIDED BY GRANIT
 2. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 IN FEET.
 3. THE 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 10/23/2020 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.



L175 LINE, 115kV LINE
NORTH RIVER, PUBLIC WATER CROSSING
NOTTINGHAM, NEW HAMPSHIRE
EXHIBIT 2





T	1
DRAWN	CTS
ENGINEER	APS
CHECKED	JRS
APPROVED	APS
DATE	12/02/20

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	SUBMITTED TO PUC WO#11417A01		12/02/20	CTS	JRS	APS

EXHIBIT 2A - Site Location Map

Line 175, 115kV
North River Waterbody Crossing
Nottingham, New Hampshire
Image Credit: Google Earth (2018)

Legend

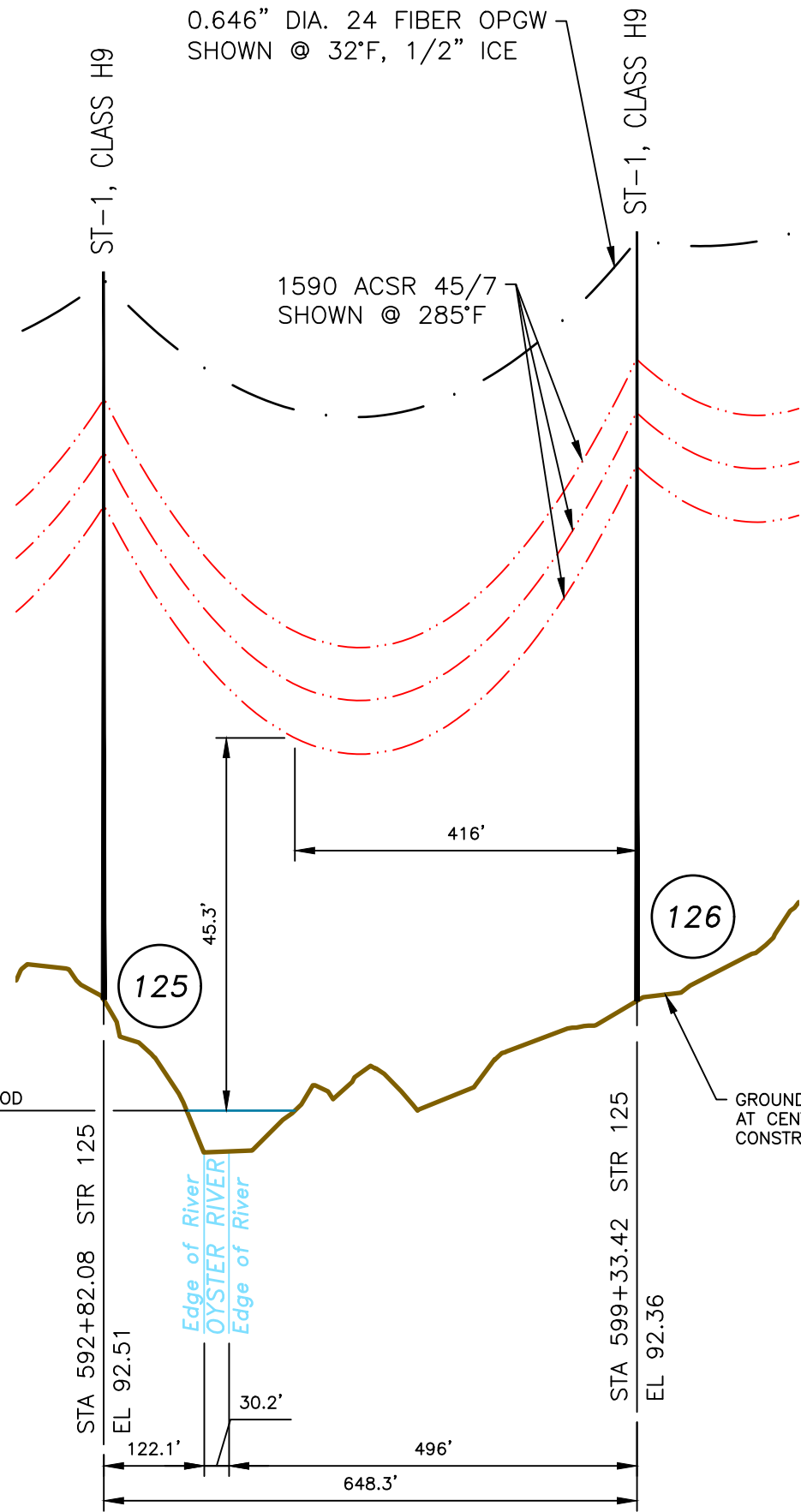
-  Higher Ground Baptist Church
-  Nottingham Elementary School
-  Nottingham Fire Dept Headquarters
-  Line 175 Structure

Str 43 (-71.1111870, 43.1495636)
Str 44 (-71.1091472, 43.1497639)

Stage Rd

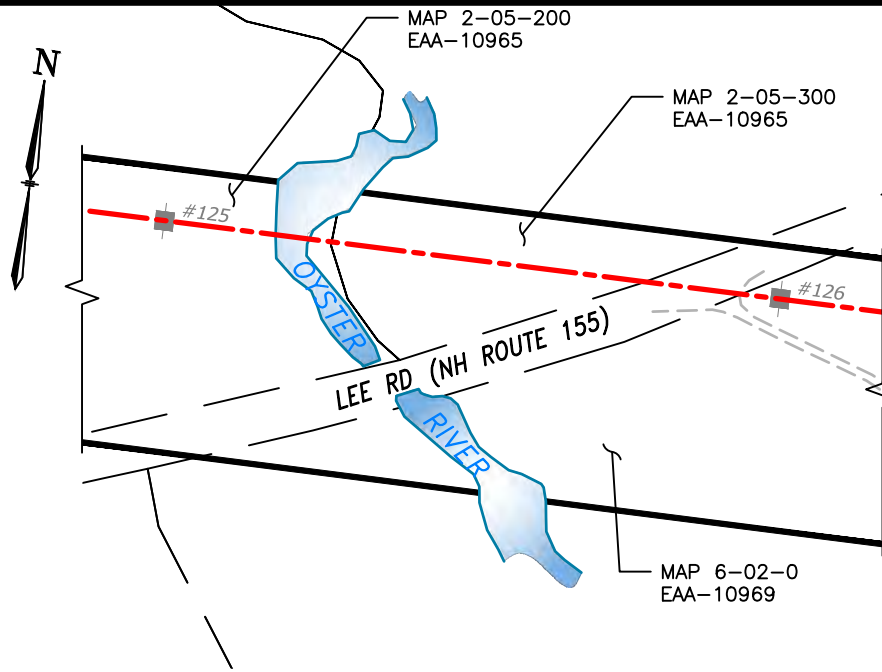
152





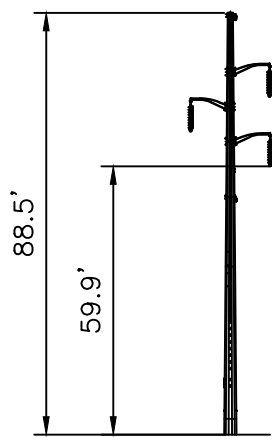
PROFILE VIEW

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



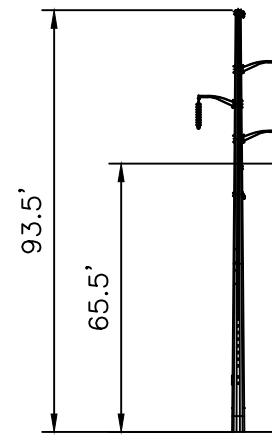
PLAN VIEW

SCALE: 1" = 200'



STRUCTURE 125
TYPE ST-1

STR 125: IS A EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL POLE TANGENT, DELTA CONFIG.



STRUCTURE 126
TYPE ST-1

STR 126: IS A EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL POLE TANGENT, DELTA CONFIG.

STRUCTURE DETAIL

SCALE: NTS



LEGEND:

- #126 STRUCTURE
- PROPERTY BOUNDARY
- L175 LINE 115KV LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
125	-70.9656332	43.1587542
126	-70.9632034	43.1587621

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

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	1590 ACSR #	10000	0	0.5	4
OPGW	1	24 FIBER OPGW	4000	0	0.5	4

NOTES:

1. PARCEL INFORMATION PROVIDED BY GRANIT
2. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 IN FEET.
3. THE 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 10/23/2020 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 CTS
ENGINEER APS	CHECKED JRS
APPROVED APS	DATE 12/02/20
L175 LINE, 115kV LINE OYSTER RIVER, PUBLIC WATER CROSSING LEE, NEW HAMPSHIRE EXHIBIT 3	
SCALE AS SHOWN	DRAWING NO. L17543901

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	SUBMITTED TO PUC WO#T1417A01		12/02/20	CTS	JRS	APS

EXHIBIT 3A - Site Location Map

Line L175, 115 kV
Oyster River Waterbody Crossing
Lee, New Hampshire
Image Credit: Google Earth (2018)

Madbury

Legend

- Andes Acres Alpacas
- Line 175
- Madbury Fire Dept
- Madbury Public Library
- Moharimet Elementary School
- NH DOT District 6

Str 125 (-70.9656332, 43.1587542)

Str 126 (-70.9632034, 43.1587621)

Google Earth

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4000 ft

