

**LOCATION PLAN**

**EXHIBIT 1**

**LEGEND:**

R193 LINE   
 PROPOSED R193 STR    

**EVERSOURCE ENERGY**

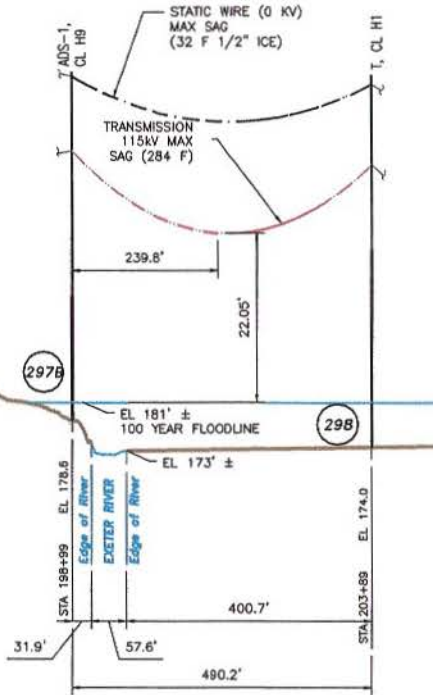
**LINE R193 115kV TRANSMISSION  
 EXETER RIVER WATERBODY CROSSING  
 AND STATE OWNED LAND CROSSING  
 DANVILLE & SANDOWN, NH**

T	1
DRAWN GEB	
ENGINEER RSN/CJT	
CHECKED DWW	
APPROVED SR	
DATE 09/15/2020	

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	LINE R193 2020 MAINT WO# TN20AL01	LEIDOS	09/15/20	GEB	DWW	SR

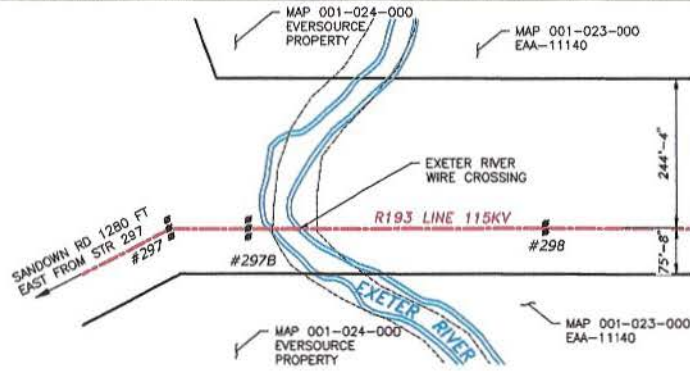
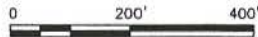
SCALE: 1" = 1000'  
 FILE: R19343903.DWG  
 IMAGE:

DRAWING NO.  
**R19343903**



**PROFILE VIEW**

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



**PLAN VIEW**

SCALE: 1" = 200'

**LEGEND:**

- ⊗ STRUCTURE
- PROPERTY BOUNDARY
- LINE, Ⓢ OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

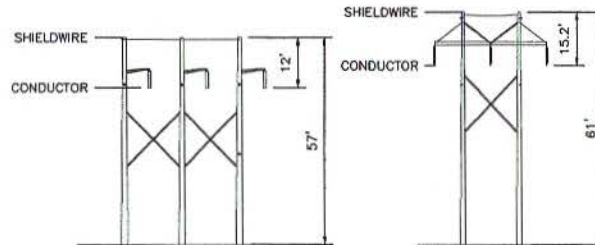
STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
297B	-71.14618001	42.95452029
298	-71.14800503	42.95441049

2012 NESC TABLE 232-1 CLEARANCE (FT)	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115KV
WATER AREAS NOT SUITABLE FOR SAILBOATING	18.6

CABLE SCHEDULE						
WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT /1000 FT	CABLE STRENGTH (LBS.)	CABLE TENSION
STATIC	2	7#8 ALUMOWELD	0.360	273	15,400	3,600 LBS NESC HEAVY
TRANSMISSION COND.	3	477 KCMIL ACSR 26/7	0.858	656	19,500	5,000 LBS NESC HEAVY

**NOTES:**

1. GROUND ELEVATION PROFILE DETERMINED USING INFORMATION FROM LIDAR SURVEY.
2. VERTICAL DATUM IS NAVD88 IN FEET.
3. ONLY LOWEST CONDUCTOR PHASE SHOWN FOR CLARITY.
4. 100-YEAR FLOODLINE ELEVATION BASED ON FEMA FLOOD MAP ACCESSED ON 6/25/2020 WITH AN EFFECTIVE DATE OF 5/17/2005.
5. PARCEL INFORMATION PROVIDED BY NH GRANIT.



**STRUCTURE 297B**  
TYPE ADS-1  
STR 297B: IS A EVERSOURCE TYPE ADS-1, SINGLE CIRCUIT STEEL 3-POLE DEAD END ANGLE, HORIZONTAL CONFIG., WITH STEEL DAMT ARMS, GUYED.

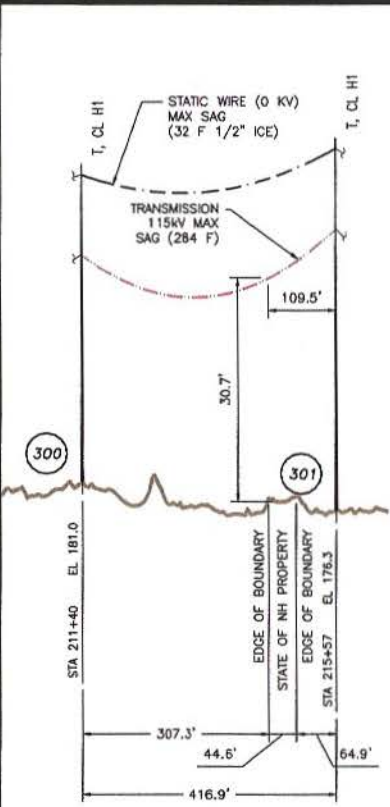
**STRUCTURE 298**  
TYPE T  
STR 298: IS A EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL 2-POLE TANGENT, HORIZONTAL CONFIG., WITH STEEL CROSSARM.

**STRUCTURE DETAIL**

SCALE: NTS

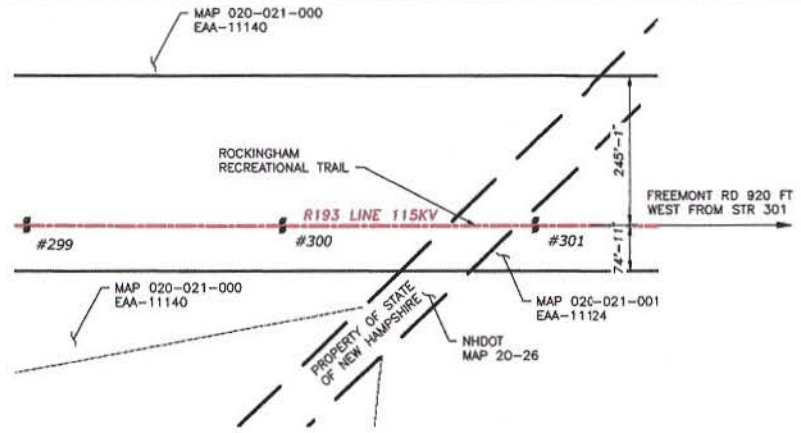
NO.	DATE	BY	CHKD	APPD	DESCRIPTION
1	09/15/20	GEB	DWW	SR	LINE R193 2020 MAINT WGE TR20KLOI

<p><b>EVERSOURCE ENERGY</b></p> <p>LINE R193 115kV TRANSMISSION EXETER RIVER WATERBODY CROSSING PLAN/PROFILE VIEW DANVILLE, NH EXHIBIT #2</p>	T	1
	DRAWN	GEB
	ENGINEER	RSN/CJT
	CHECKED	DWW
	APPROVED	SR
DATE	09/15/2020	
SCALE	AS SHOWN	
FILE: R19343903.DWG	DRAWING NO. R19343903	



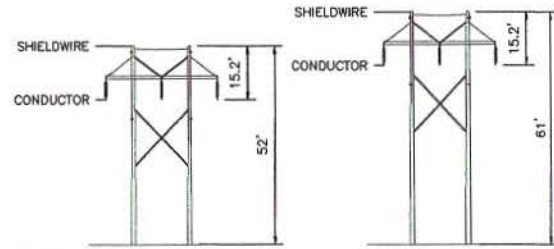
**PROFILE VIEW**

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



**PLAN VIEW**

SCALE: 1" = 200'



STRUCTURE 300  
TYPE T

STR 300: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL POLE TANGENT, HORIZONTAL CONFIG.

STRUCTURE 301  
TYPE T

STR 301: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL POLE TANGENT, HORIZONTAL CONFIG.

**STRUCTURE DETAIL**

SCALE: NTS

**LEGEND:**

- STRUCTURE
- PROPERTY BOUNDARY
- LINE,  $\epsilon$  OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY
- LIMITS OF TRAIL RIGHT OF WAY



STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
300	-71.15080318	42.95425221
301	-71.15235531	42.95416133

2012 NESC TABLE 232-1 CLEARANCE (FT)	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115KV
TRACK RAILS OF RAILROADS	28.1

CABLE SCHEDULE						
WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT /1000 FT	CABLE STRENGTH (LBS.)	CABLE TENSION
STATIC	2	7#8 ALUMOWELD	0.360	273	15,400	3,600 LBS NESC HEAVY
TRANSMISSION COND.	3	477 KCMIL ACSR 26/7	0.858	656	19,500	5,000 LBS NESC HEAVY

**NOTES:**

1. GROUND ELEVATION PROFILE DETERMINED USING INFORMATION FROM LIDAR SURVEY.
2. VERTICAL DATUM IS NAVD88 IN FEET.
3. ONLY LOWEST CONDUCTOR PHASE SHOWN FOR CLARITY.
4. PARCEL INFORMATION PROVIDED BY NH GRANIT.

		T	I
		DRWN GEB	
LINE R193 115kV TRANSMISSION NH STATE LAND CROSSING PLAN/PROFILE VIEW SANDOWN, NH EXHIBIT #3		ENGR RSN/CJT	
		CHECKD DWW	
SCALE: AS SHOWN FILE: #19343903.DWG DRAWING NO.: R19343903		APPROVED SR	
		DATE 09/15/2020	