



LEGEND:

379 LINE: 
 379 STR: 

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	SUBMITTED TO DOE		9/20/22	CTS	-	CJN

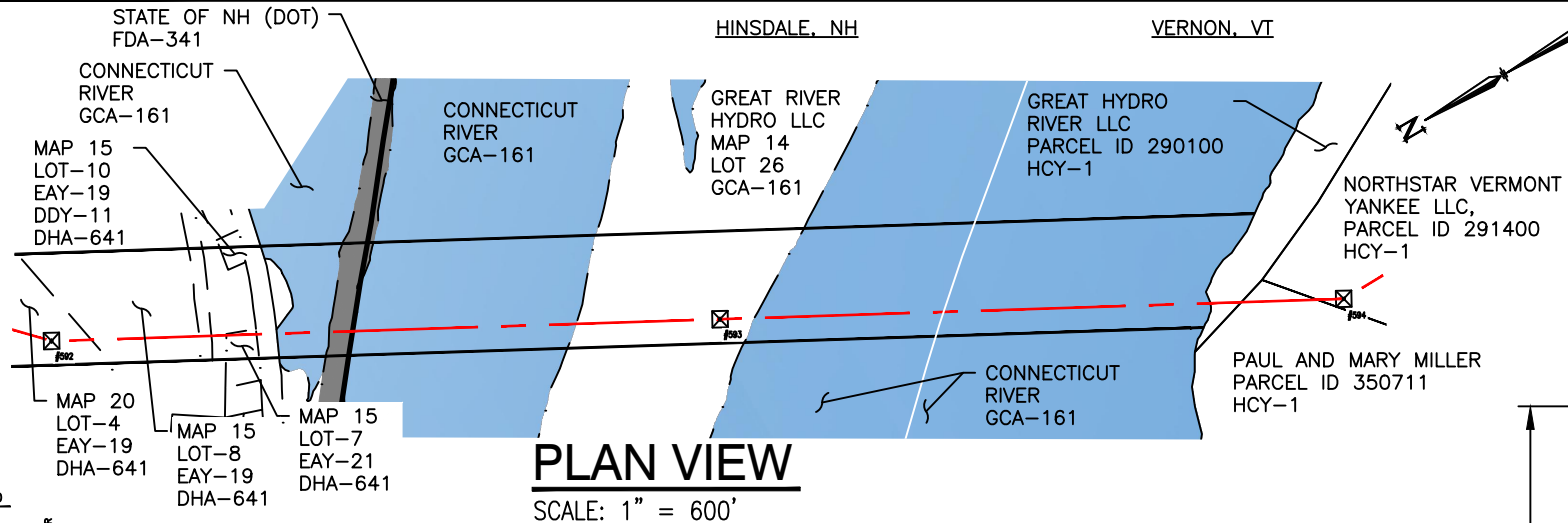
EVERSOURCE ENERGY

379, 345kV LINE
 WATER CROSSING, LOCATION PLAN
 HINSDALE, NEW HAMPSHIRE
 EXHIBIT 1

T	1
DRAWN CTS	
ENGINEER CJN	
CHECKED -	
APPROVED CJN	
DATE 9/20/2022	

SCALE 1" = 5000'	FILE: 04307-81002.DWG IMAGE:	DRAWING NO. 04307-81002
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10/19/2022 8:23 AM - spensct - C:\Users\spensct\appdata\local\temp\AcPublish_7248\04307-81002.dwg - EXHIBIT 2 (WATER CROSSING) ES VER: 12/2016

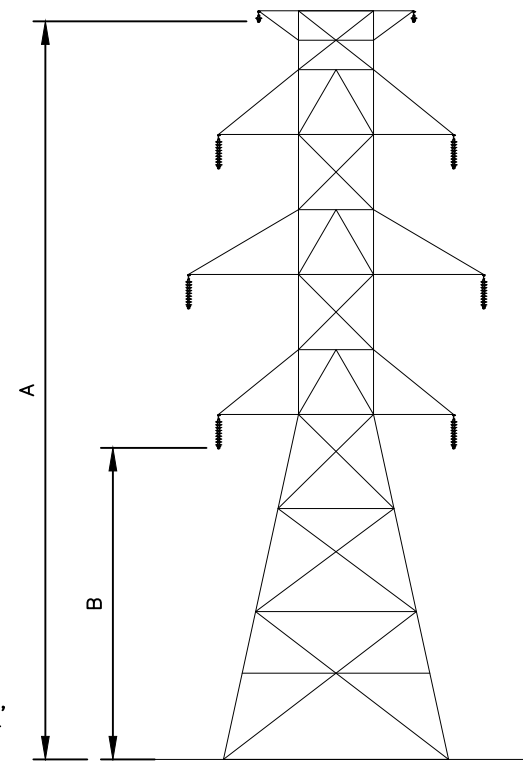


LEGEND:

- #592 STRUCTURE (WITH GUYS)
- PROPERTY BOUNDARY
- 379 LINE 345KV LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY
- WATERBODY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
592	-72.51176042	42.79501392
593	-72.51538104	42.78993911
594	-72.51876029	42.78520368

NESC VERTICAL CLEARANCE (FT)		FROM TABLE
232.1, C2-2012		
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES		345kV
WATER AREAS SUITABLE FOR SAIL BOATING INCLUDING LAKES, PONDS, RESERVOIRS, TIDAL WATERS, RIVERS, STREAMS, AND CANALS WITH AN UNOBSTRUCTED SURFACE AREA OF:		
C. OVER 200 TO 2000 ACRES		40.8'
TRACK RAILS OF RAILROADS		32.8



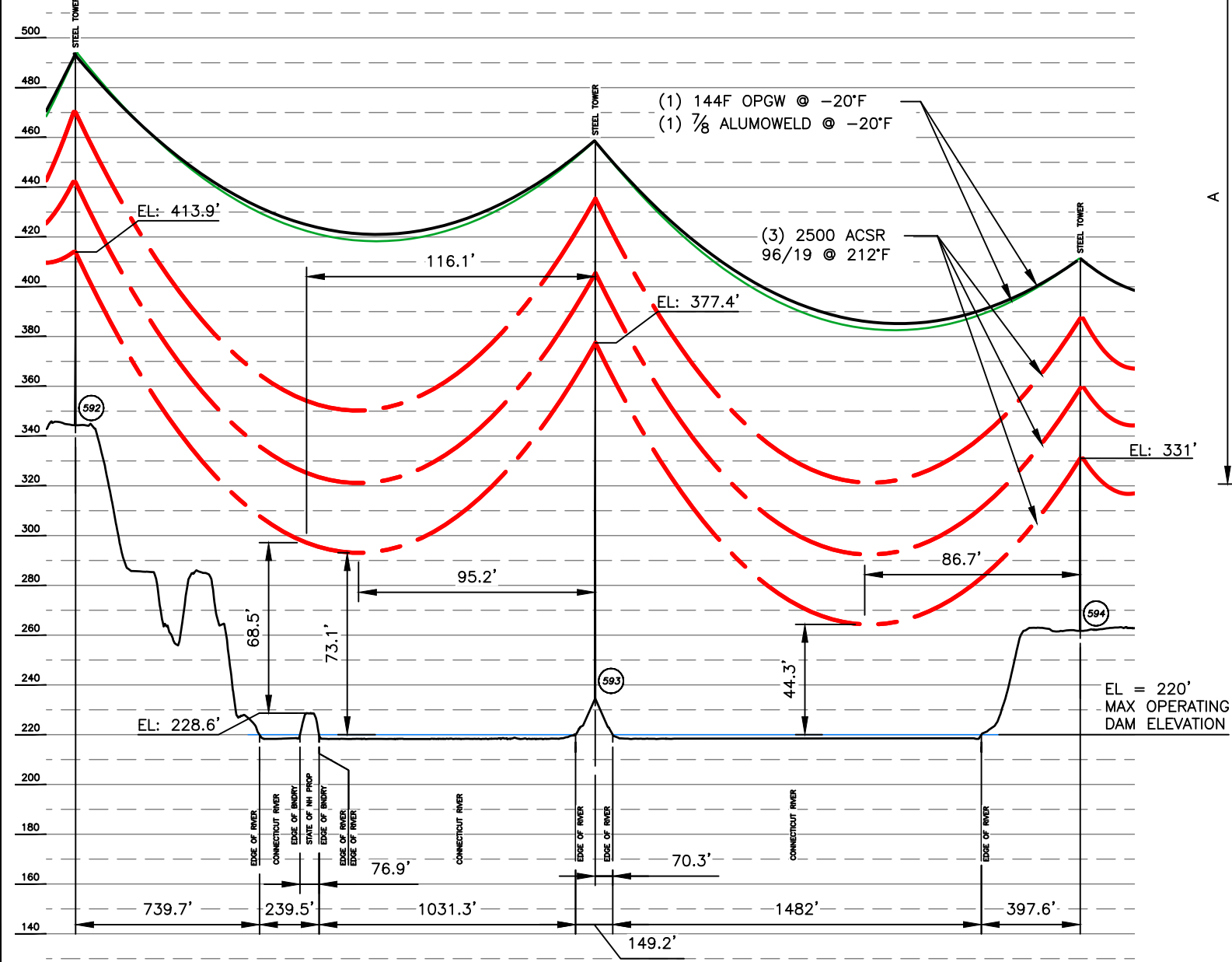
STRUCTURE 592, 593, 594
TYPE LATTICE TOWER
STR'S 592, 593, 594: ARE AN EVERSOURCE TOWER, DOUBLE CIRCUIT STEEL STRUCTURES, HORIZONTAL CONFIGURATION.

STRUCTURE DETAILS					
STRUCTURE	TYPE	MATERIAL	A	B	
592	TOWER	STEEL	149.5	69.7	
593	TOWER	STEEL	224	142.7	
594	TOWER	STEEL	149.5	69.3	

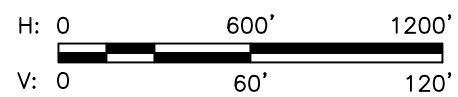
STRUCTURE DETAIL
SCALE: NTS

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	2500 ACSR 96/19	35,500	0	0.5	4
STATIC	1	7#8 ALUMOWELD	22,900	0	0.5	4
OPGW	1	0.646" 144F OPGW	11,000	0	0.5	4

- NOTES:**
1. PARCEL INFORMATION PROVIDED BY NH GRANIT.
 2. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
 3. PER NESC, 2012, TABLE 232-2 NOTE 17, THE WATER ELEVATIONS ARE BASED UPON THE DESIGN HIGH WATER LEVEL OF THE VERNON DAM



PROFILE VIEW
SCALE: HORZ 1" = 600'
VERT 1" = 60'



EVERSOURCE ENERGY

379, 345kV LINE
CONNECTICUT RIVER & STATE LAND, CROSSING
HINSDALE, NEW HAMPSHIRE
EXHIBIT 2

T	1
DRAWN	CTS
ENGINEER	CJN
CHECKED	-
APPROVED	CJN
DATE	9/20/2022

SCALE: AS SHOWN
FILE: 04307-81002.DWG
DRAWING NO.: 04307-81002

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