

LEGEND:

- 379 LINE:
- 379 STR:

1	IFC WO#TN21BA01	3/16/22	CTS	DSD	CJN	
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

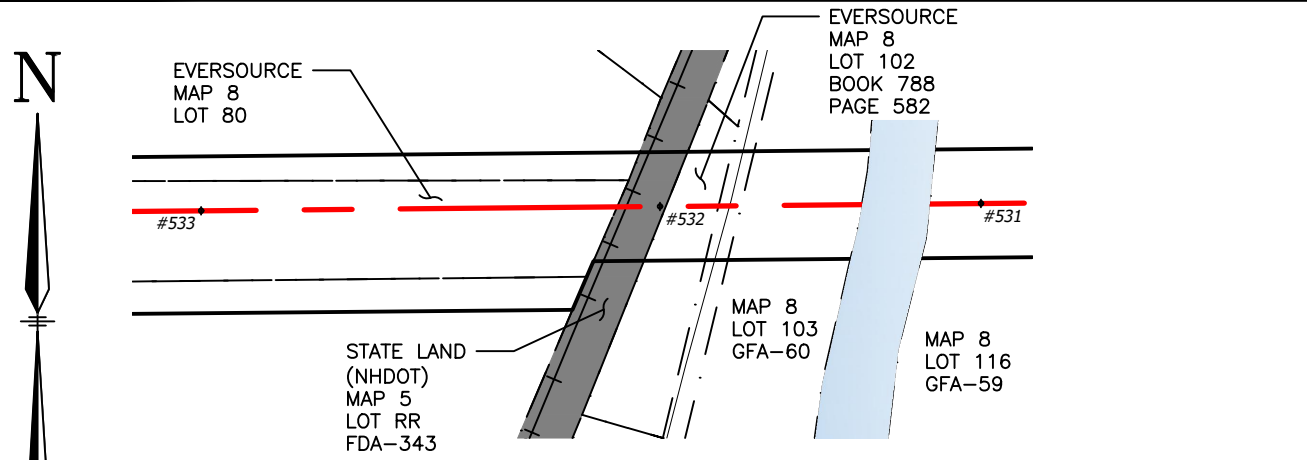
EVERSOURCE ENERGY

379, 345kV LINE
 ASHUELOT RIVER AND STATE LAND CROSSING, LOCATION PLAN
 WINCHESTER, NEW HAMPSHIRE
 EXHIBIT 1

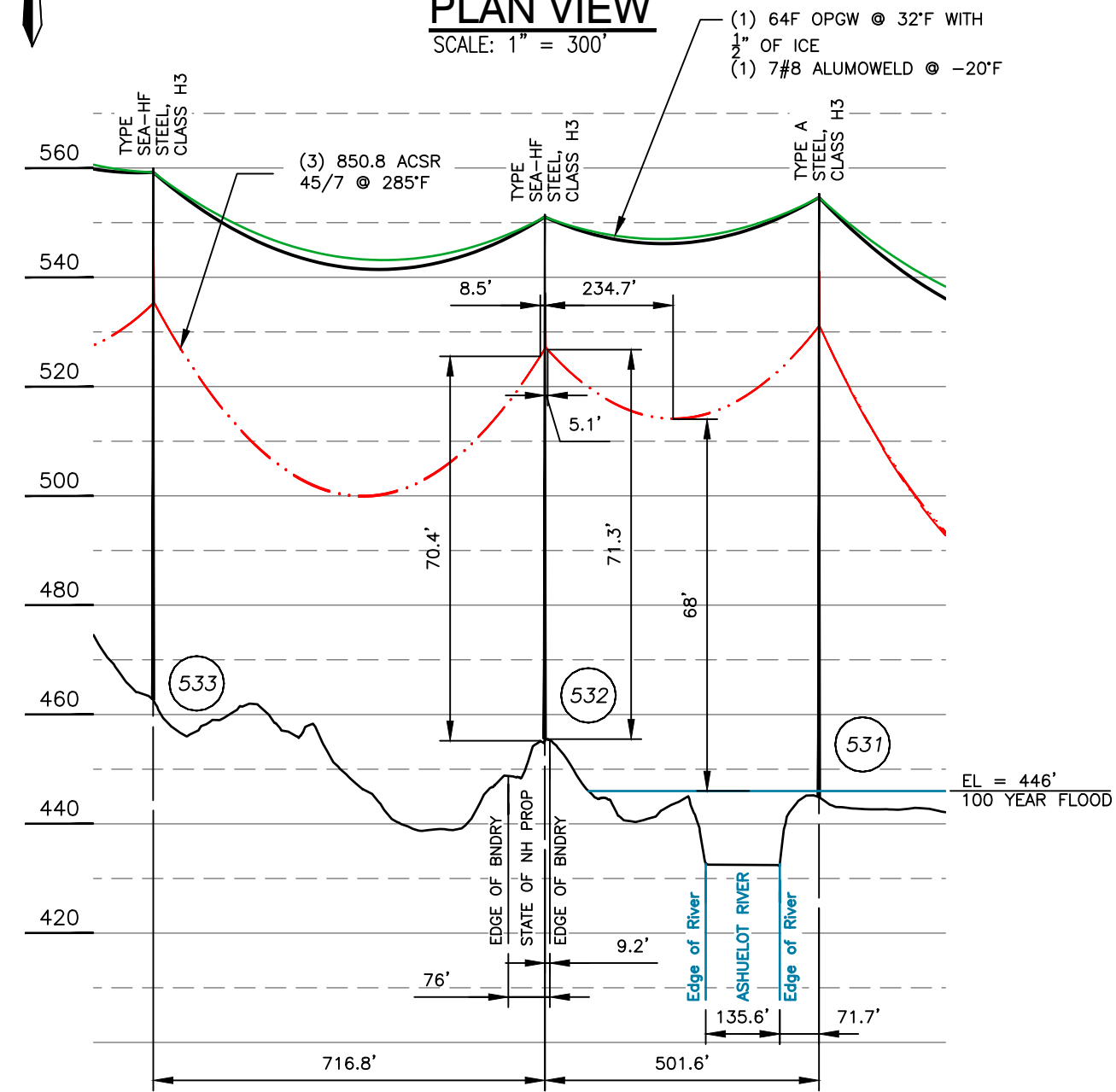
T	1
DRAWN CTS	
ENGINEER CJN	
CHECKED DSD	
APPROVED CJN	
DATE 3/16/2022	

SCALE: 1" = 1500'
 FILE: 04307-85001.DWG
 IMAGE:

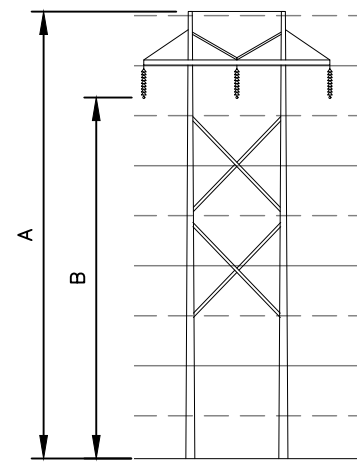
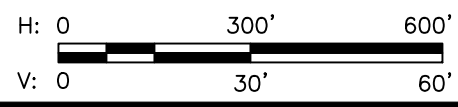
DRAWING NO.
 04307-85001



PLAN VIEW
SCALE: 1" = 300'



PROFILE VIEW
SCALE: HORZ 1" = 300'
VERT 1" = 30'



STRUCTURES 531, 532, 533
TYPE A & SEA-HF

STR 531, 532, 533: IS A EVERSOURCE TYPE A AND SEA-HF, H-FRAME, SINGLE CIRCUIT STEEL POLE TANGENT, HORIZONTAL CONFIG.

STRUCTURE DETAIL
SCALE: NTS

STRUCTURE DETAILS				
STRUCTURE	TYPE	MATERIAL	A	B
531	A	STEEL	110.5	86.2
532	SEA-HF	STEEL	96	71.6
533	SEA-HF	STEEL	97.3	72.7

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
531	-72.38268546	42.7934851
532	-72.38455391	42.79346284
533	-72.38722395	42.79343128

LEGEND:

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

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1, C2-2012	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	345kv
WATER AREAS NOT SUITABLE FOR SAIL BOATING OR WHERE SAIL BOATING IS PROHIBITED	23.0
TRACK RAILS OF RAILROADS	32.8

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 850.8 kcmil 45/7, BUZZARD	7700	0	0.5	4
STATIC	1	7#8 ALUMOWELD	4200	0	0.5	4
OPGW	1	0.646" OPGW	6200	0	0.5	4

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

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379, 345kV LINE
ASHUELOT RIVER AND STATE LAND CROSSING
WINCHESTER, NEW HAMPSHIRE
EXHIBIT 2

SCALE: AS SHOWN

FILE: 04307-85001.DWG

DRAWING NO. 04307-85001

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	IFC WO#TN21BA01		3/16/22	CTS	DSD	CJN