

**LOCATION PLAN**

**EXHIBIT 1**

**LEGEND:**

385 LINE ---  
 PROPOSED 385 STR ● ●

**EVERSOURCE ENERGY**

LINE 385 345kV TRANSMISSION  
 ISINGLASS RIVER WATERBODY CROSSING  
 STRAFFORD, NH  
 EXHIBIT #1

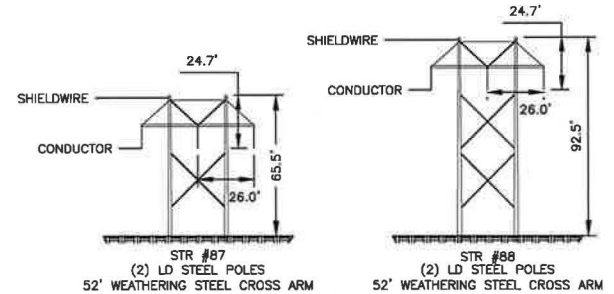
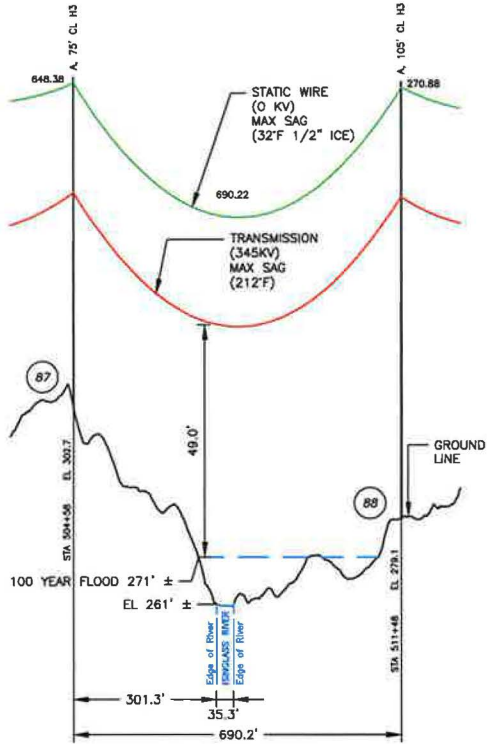
T	1
DRAWN GEB	
ENGINEER RSN	
CHECKED DWW	
APPROVED SR	
DATE 02/21/2020	

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	LINE 385 2020 MAINT WO# TL9R9W01		02/21/20			

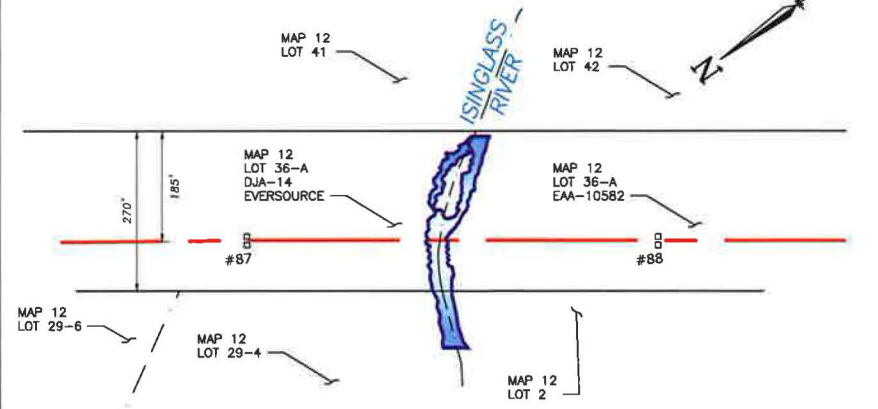
SCALE 1" = 1000'	FILE: 038543903-A.DWG
IMAGE:	

DRAWING NO.  
**038543903**

TOWN OF STAFFORD, N.H.



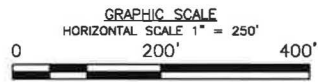
STRUCTURE DETAIL  
SCALE: NTS



NESC VERTICAL CLEARANCE (FT)	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	345KV
ROADS, STREETS, AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC	24.7
WATER AREAS NOT SUITABLE FOR SAIL BOATING OR WHERE SAIL BOATING IS PROHIBITED	23.2

PLAN LEGEND:		
□	#STR	STRUCTURE
—	—	LINE 385
—	—	PARCEL LINES
—	—	ROW LINES

- NOTES:
- GROUND ELEVATION PROFILE DETERMINED USING INFORMATION FROM LIDAR SURVEY IN LATEST PLS-CADD MODEL.
  - VERTICAL DATUM IS NAVD88 IN FEET.
  - ONLY LOWEST CONDUCTOR AND SHIELDWIRE SHOWN FOR CLARITY.
  - FLOOD ELEVATIONS PER FEMA 2005 FLOOD MAPS.
  - NESC CLEARANCE REQUIREMENT COMES FROM 2017 NESC TABLE 232-1



STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
87	-71.09975556	43.25243333
88	-71.10128889	43.25090556

CABLE SCHEDULE					
WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT /1000 FT	CABLE STRENGTH (LBS.)
STATIC	1	7#8 ALUMOWELD	0.3850	262	15,930
STATIC	1	24 FIBER OPGW	0.6460	476	23,580
TRANSMISSION COND.	6	850.8 KCMIL ACSR 45/7 BUZZARD	1.1000	985	24,300

PROFILE LEGEND:			
—	TRANSMISSION WIRE	—	GROUND LINE PROFILE
—	STATIC WIRE	—	PROPERTY LINE

REV	DATE	BY	CHKD	APPV	DESCRIPTION
1					LINE 385 2020 MAINT WOP TLR9R901

EVERSOURCE ENERGY

LINE 385 345 kV TRANSMISSION  
ISINGLASS RIVER WATERBODY CROSSING  
STAFFORD, NH  
EXHIBIT #2

SCALE AS SHOWN	FILE: 038543903-A.DWG
DRAWN: GEB	DRAWING NO. 038543903
ENGINEER: RSN	DATE: 02/21/2020
CHECKED: DWV	
APPROVED: SR	