

**LEGEND:**

- 326 LINE:
- 326 STR:

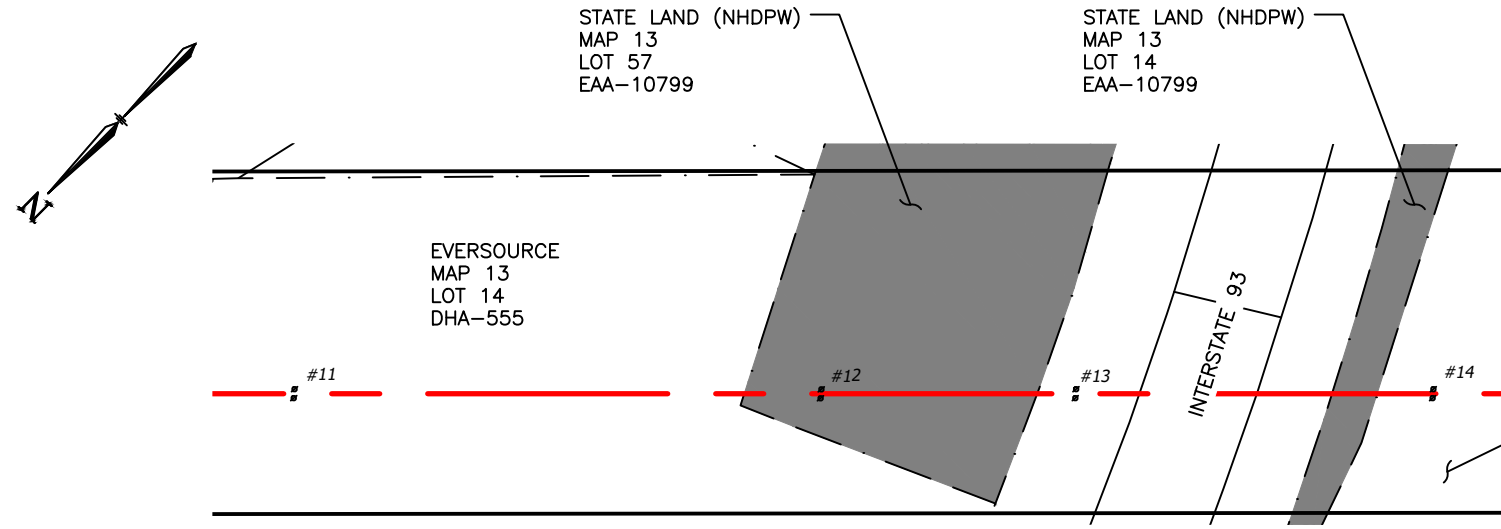


326, 345kV LINE  
 STATE OWNED LAND CROSSING, LOCATION PLAN  
 LONDONDERRY, NEW HAMPSHIRE  
 EXHIBIT 1

T	1
DRAWN CTS	
ENGINEER CJN	
CHECKED DSD	
APPROVED CJN	
DATE 03/01/2022	

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	SUBMITTED TO DOE		3/1/22	CTS	DSD	CJN

SCALE 1" = 1500'	FILE: 04302-85001.DWG IMAGE:	DRAWING NO. 04302-85001
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**LEGEND:**

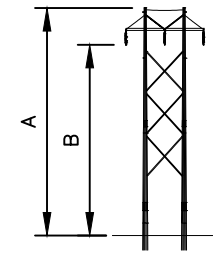
- #14 STRUCTURE
- LINE,  $\phi$  OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY
- STATE OF NEW HAMPSHIRE PROPERTY

(1) 64F OPGW @ 32°F WITH  $\frac{1}{2}$ " OF ICE  
 (1) 7#8 ALUMOWELD @ -20°F

**PLAN VIEW**  
 SCALE: 1" = 300'

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
11	-71.35652377	42.89900995
12	-71.35869211	42.89744964
13	-71.35975041	42.89668397
14	-71.3612369	42.89561051

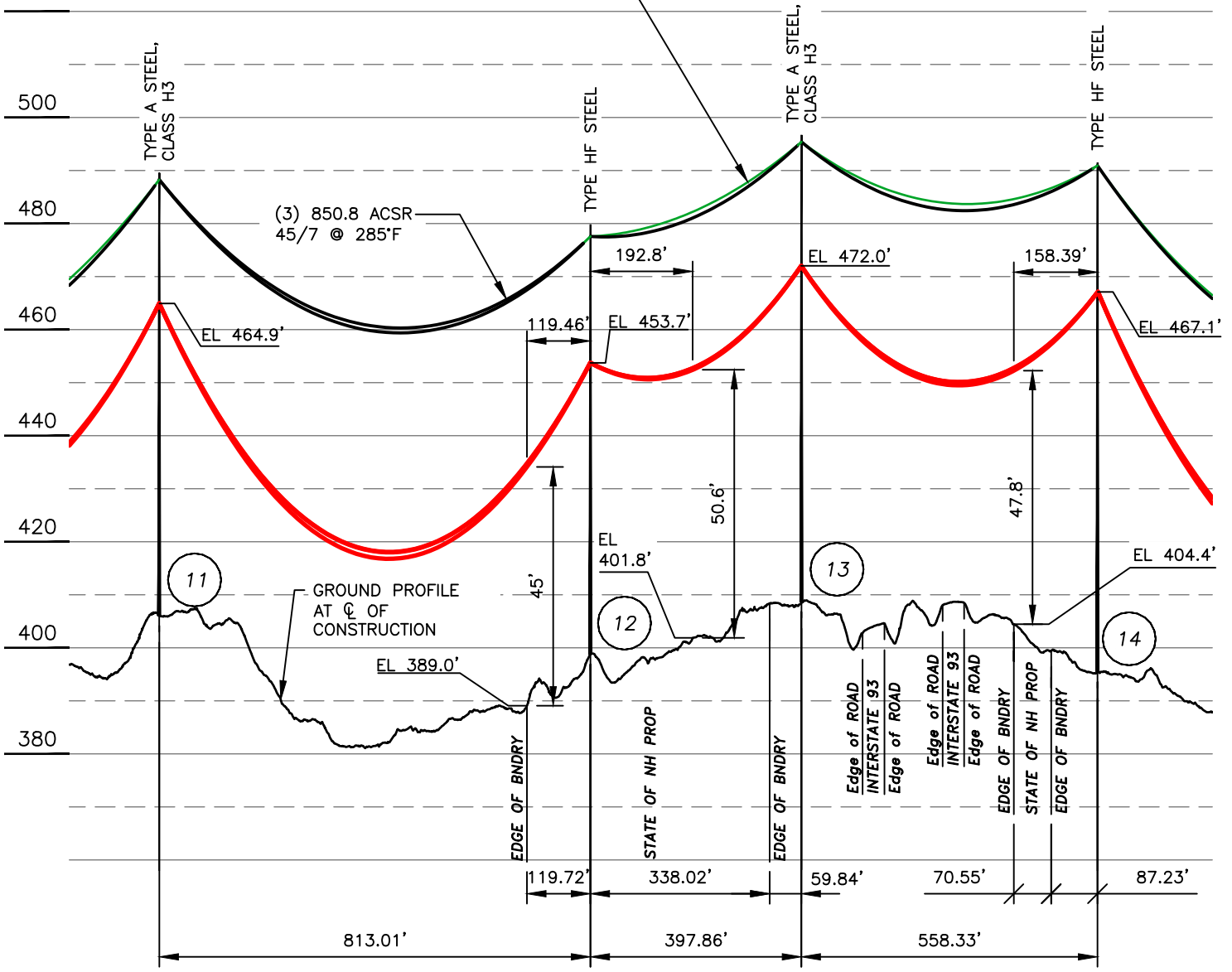
NEVC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE 345kV
OTHER AREAS TRAVERSED BY VEHICLES, SUCH AS CULTIVATED, GRAZING, FOREST, AND ORCHARD LANDS, INDUSTRIAL SITES, COMMERCIAL SITES, ETC	24.8'



STRUCTURES 11, 12, 13, 14  
 TYPE A & HF  
 STR'S 11, 12, 13, 14: ARE AN EVERSOURCE H-FRAME, SINGLE CIRCUIT STEEL POLES, HORIZONTAL CONFIGURATION.

STRUCTURE DETAILS					
STRUCTURE	TYPE	MATERIAL	A	B	
11	A	STEEL	83.5	58.9	
12	HF	STEEL	81	55	
13	A	STEEL	88	63.4	
14	HF	STEEL	96	62.7	

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITION			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR 850.8 Kcmil 45/7	7500	0	0.5	4
OPGW	1	0.646" OPGW 64F	4600	0	0.5	4
STATIC	1	7#8 ALUMOWELD	3400	0	0.5	4



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

**STRUCTURE DETAIL**  
 SCALE: NTS

- NOTES:**
1. PARCEL INFORMATION PROVIDED BY NH GRANIT.
  2. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

DWG REV	SUBMITTED TO DOE	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CTS	DSD	CJN
1				3/1/22				

**EVERSOURCE ENERGY**

326, 345kV LINE  
 STATE OWNED LAND CROSSING  
 LONDONDERRY, NEW HAMPSHIRE  
 EXHIBIT 2

T	1
DRAWN	CTS
ENGINEER	CJN
CHECKED	DSD
APPROVED	CJN
DATE	03/01/2022

SCALE AS SHOWN FILE: 04302-85001.DWG DRAWING NO. 04302-85001