

**LEGEND:**

- 365 LINE: —
- 365 STR: 64

NO.	DATE	BY	CHKD	APPD	DESCRIPTION

**EVERSOURCE ENERGY**

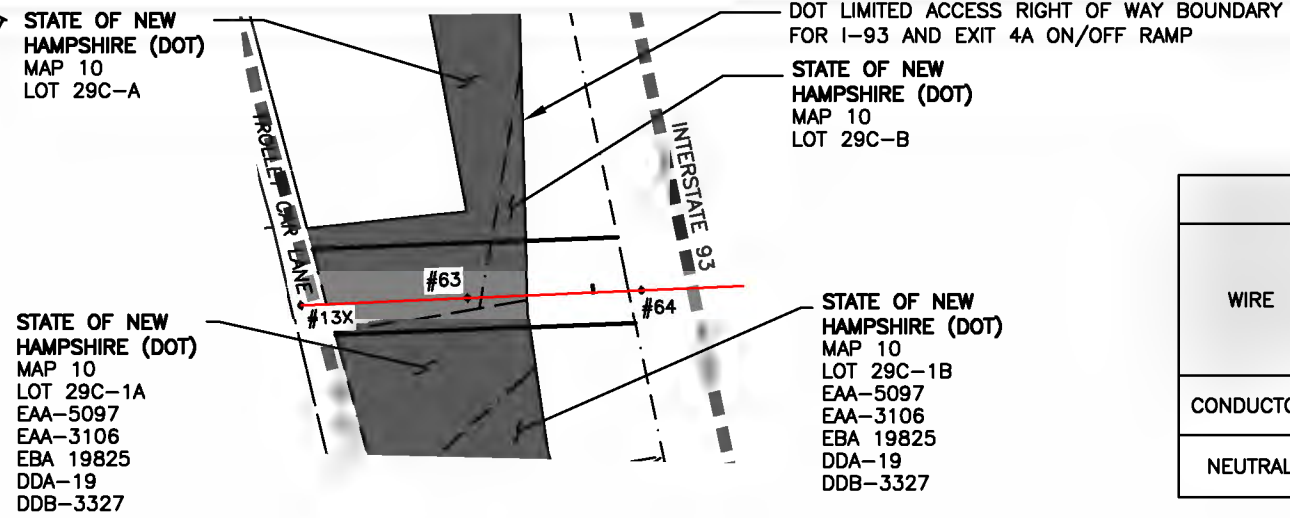
**365 34.5kV LINE  
STATE LAND CROSSING, LOCATION PLAN  
LONDONDERRY, NEW HAMPSHIRE  
EXHIBIT 1**

T	1
DRAWN	CTS
ENGINEER	CJT
CHECKED	CJN
APPROVED	CJT
DATE	1/26/2022

NO.	DATE	BY	CHKD	APPD	DESCRIPTION
1	1/28/22	CTS	CJN	CJT	SUBMITTED TO DDE

SCALE	1" = 1500'
FILE	036544501.DWG
INWG	

DRAWING NO. **036544501**



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

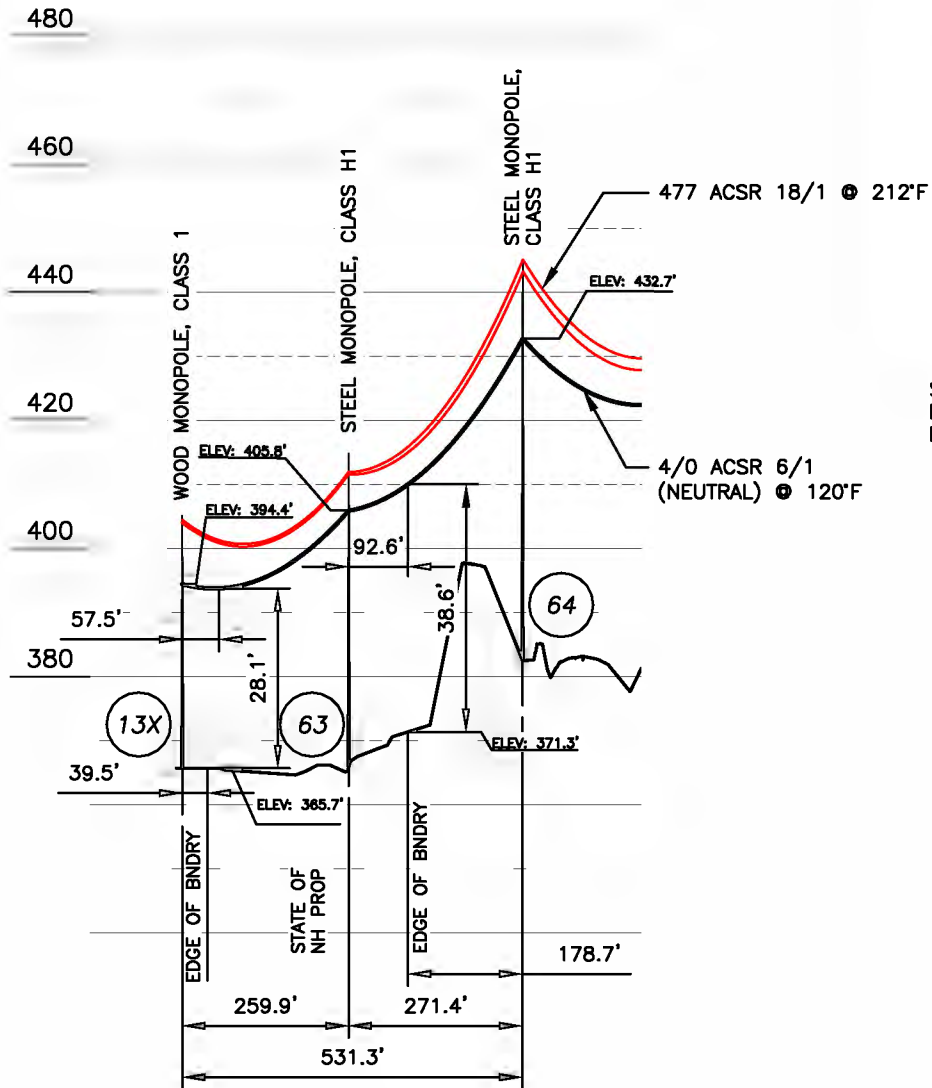
CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lbs)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 477 kcmil 18/1, PELICAN	3,000	0	0.5	4
NEUTRAL	1	ACSR, 4/0 AWG 6/1 PENGUIN	2,500	0	0.5	4

**LEGEND:**

- #63 STRUCTURE
- PROPERTY BOUNDARY
- 365 LINE 34.5KV LINE, ☉ OF CONSTRUCTION
- ===== LIMITS OF EVERSOURCE RIGHT OF WAY
- ROADS

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
63	-71.35206718	42.88628747
64	-71.35119578	42.88666664
13X	-71.3529018	42.88592426

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1		
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE (kV)	
	NEUTRAL / ADSS	34.5
OTHER AREAS TRAVERSED BY VEHICLES, SUCH AS CULTIVATED, GRAZING, FOREST, AND ORCHARD LANDS, INDUSTRIAL SITES, COMMERCIAL SITES, ETC	15.5	18.5



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

**STRUCTURE 63:** IS AN EVERSOURCE DEAD END, SINGLE CIRCUIT STEEL MONOPOLE, HORIZONTAL CONFIG.

**STRUCTURE 64:** IS AN EVERSOURCE TANGENT, SINGLE CIRCUIT STEEL MONOPOLE, HORIZONTAL CONFIG.

**STRUCTURE 13X:** IS AN EVERSOURCE DEADEND, SINGLE CIRCUIT WOOD MONOPOLE, HORIZONTAL CONFIG.

**STRUCTURE DETAIL**  
SCALE: NTS

STRUCTURE DETAILS					
STRUCTURE	TYPE	MATERIAL	A (FT)	B (FT)	C (FT)
63	TANGENT	STEEL	49.0	45.6	40
64	TANGENT	STEEL	62.5	60.7	50.2
13X	DEADEND	WOOD	39.5	38.3	28.7

- NOTES:**
- PARCEL INFORMATION PROVIDED BY VHB (01/07/2022).
  - ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

**EVERSOURCE ENERGY**

365, 34.5kV LINE  
STATE OWNED LAND CROSSING  
LONDONDERRY, NEW HAMPSHIRE  
EXHIBIT 2

T 1  
CTS  
CJT  
CJN  
CJT  
1/26/2022

AS SHOWN FILE: 038544601

