

LEGEND:

- Y138 LINE: - - - - -
- Y138 STR: 42

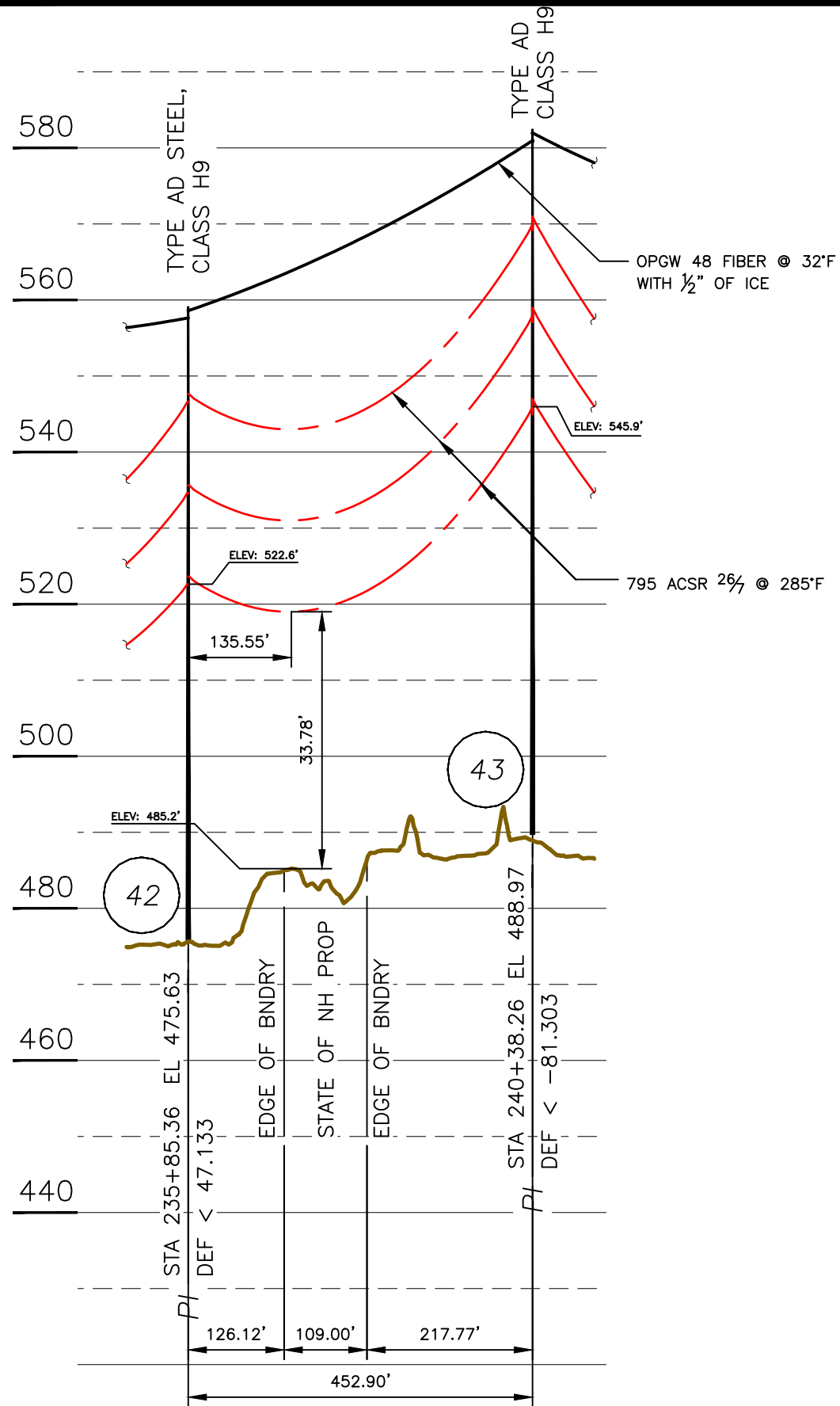
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	ISSUED TO DOE WO#TN21BT01		5/10/22	CTS	CJN	CJT

EVERSOURCE ENERGY

Y138 115kV LINE
STATE LAND CROSSING, LOCATION PLAN
MADISON, NEW HAMPSHIRE
EXHIBIT 1

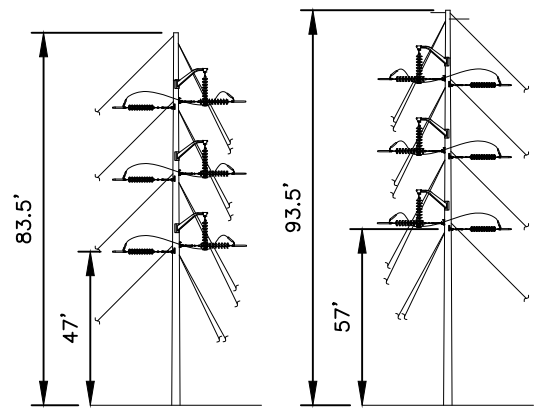
T	1
DRAWN CTS	
ENGINEER CJT	
CHECKED CJN	
APPROVED CJT	
DATE 5/10/2022	

SCALE 1" = 1500'	FILE: Y13843503.DWG IMAGE:	DRAWING NO. Y13843503
---------------------	-------------------------------	--------------------------



PROFILE VIEW
SCALE: HORZ 1" = 200'
VERT 1" = 20'

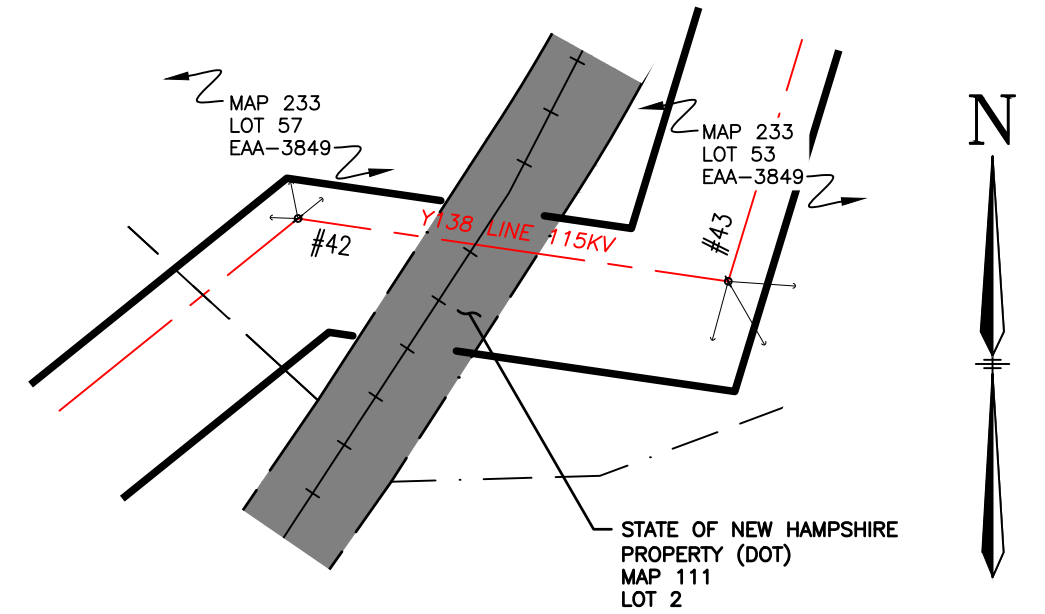
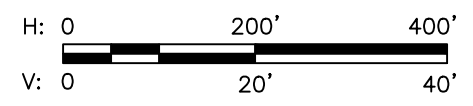
STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
42	-71.16819057	43.89496628
43	-71.16649324	43.8947827



STR 42: IS AN EVERSOURCE TYPE AD, SINGLE CIRCUIT STEEL POLE DEAD END ANGLE, VERTICAL CONFIG, GUYED
STR 43: IS AN EVERSOURCE TYPE AD, SINGLE CIRCUIT STEEL POLE DEAD END ANGLE, VERTICAL CONFIG, GUYED

STRUCTURE DETAIL
SCALE: NTS

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lbs)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	795 ACSR 26	9100	0	0.5	4
OPGW	1	48 FIBER OPGW	4500	0	0.5	4



PLAN VIEW
SCALE: 1" = 200'

2012 NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115 kV
TRACK RAILS OF RAIL ROAD	28.1

LEGEND:

- STRUCTURE (WITH GUYS)
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- Y138 LINE 115KV** LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

NOTES:

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

EVERSOURCE ENERGY	T 3
	DRAWN CTS
Y138, 115kV LINE STATE LAND CROSSING MADISON, NEW HAMPSHIRE EXHIBIT 2	ENGINEER CJT
	CHECKED CJN
1" = 200'	APPROVED CJT
	DATE 05/10/2022
DRAWING NO. Y13843503	

DWG REV	ISSUED TO	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	ISSUED TO DOE WO#TN21BT01			5/10/22	CTS	CJN	CJT