

LEGEND:

- R187 LINE: - - -
- R187 STR: 5



LINE R187, 115kV LINE
STATE OWNED LAND CROSSING, LOCATION PLAN
LONDONDERRY, NEW HAMPSHIRE
EXHIBIT 1

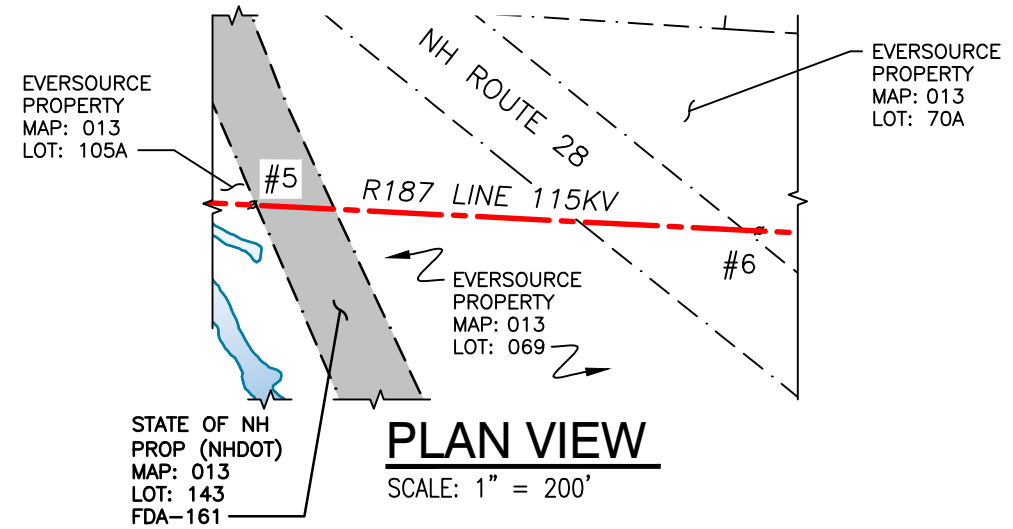
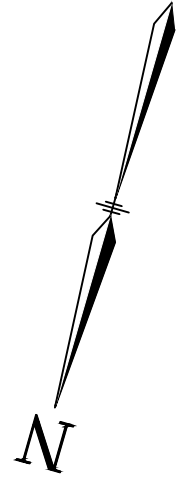
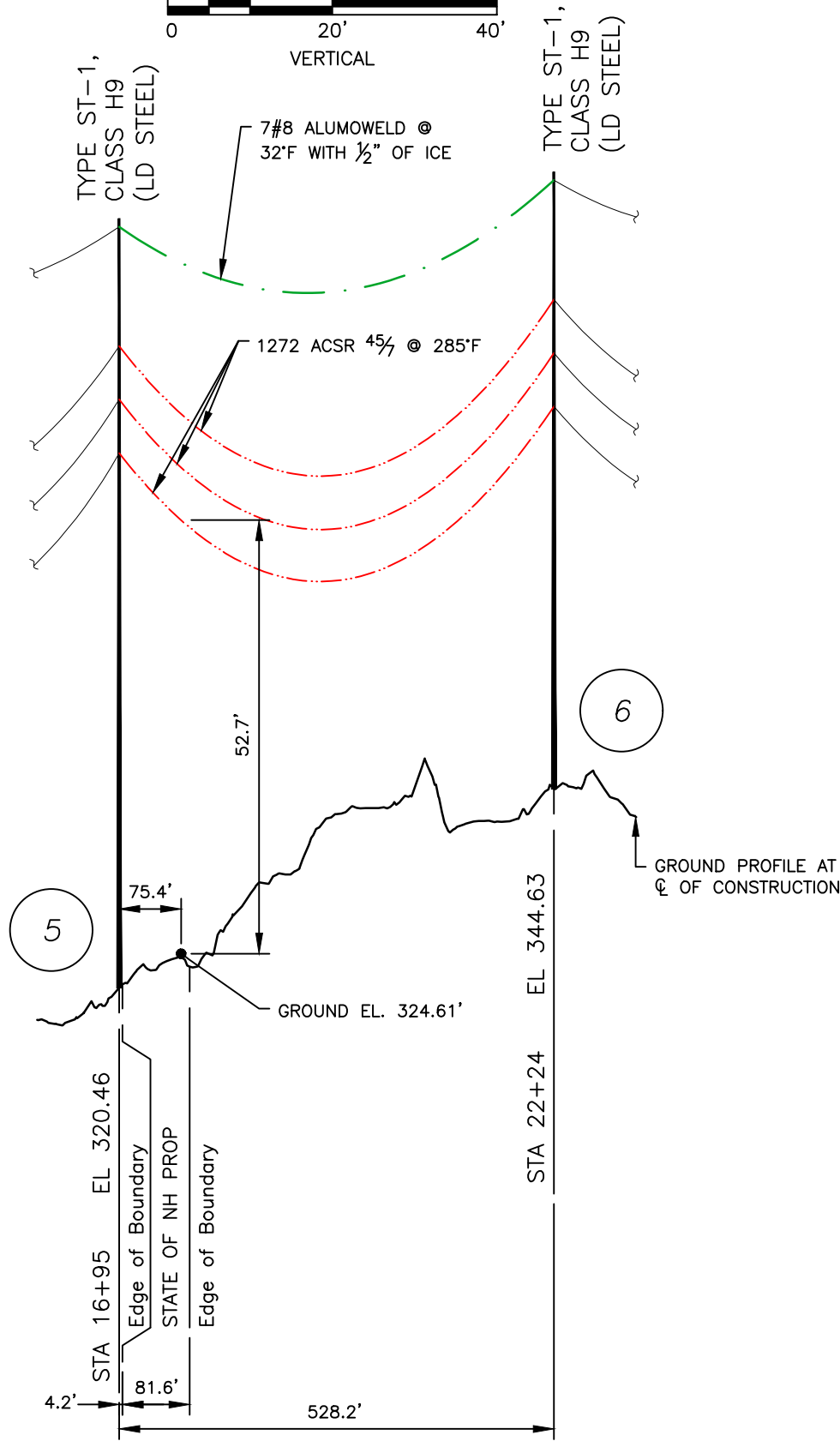
T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRK/TRC
DATE	05/07/21

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	ISSUED TO PUC		05/21	JAM	SEK	BRK

SCALE 1"=1000'	FILE: R18743501.DWG	DRAWING NO. R18743901
	IMAGE:	

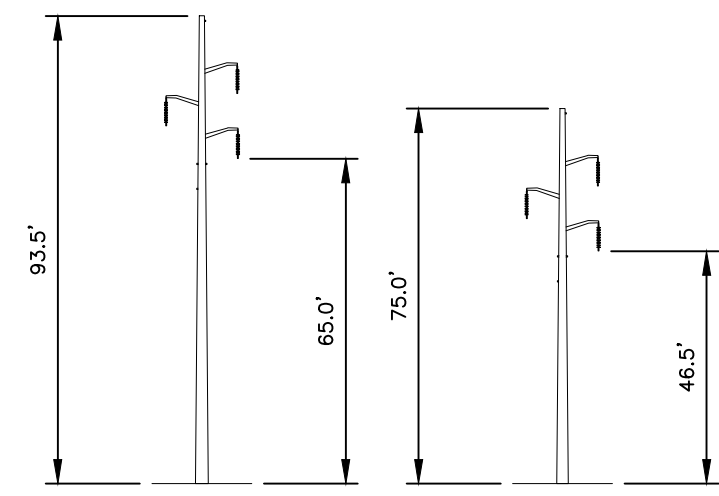
PROFILE VIEW

SCALE: HORZ 1" = 200'
 VERT 1" = 20'
 HORIZONTAL
 0 200' 400'
 VERTICAL
 0 20' 40'



PLAN VIEW

SCALE: 1" = 200'



STRUCTURE 5
 TYPE ST-1
 STR 5: IS AN EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, DELTA CONFIG.

STRUCTURE 6
 TYPE ST-1
 STR 6: IS AN EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, DELTA CONFIG.

STRUCTURE DETAILS

SCALE: NTS

LEGEND:

- ⊘ #5 STRUCTURE
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- R187 LINE 115KV
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
5	-71.34570780	42.90111752
6	-71.34762926	42.90079308

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

NOTES:

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

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 1272 kcmil 45/7, BITTERN	9500	0	0.5	4
SHIELD WIRE	1	7 NO. 8 AW	4000	0	0.5	4

DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	JAM	SEK	BRK
1				05/21	JAM	SEK	BRK

EVERSOURCE ENERGY

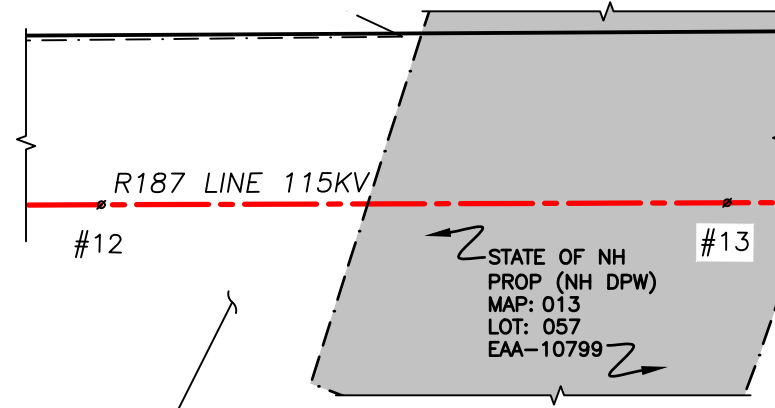
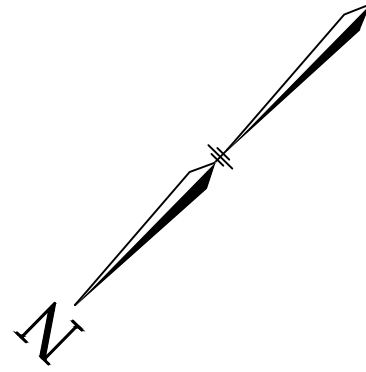
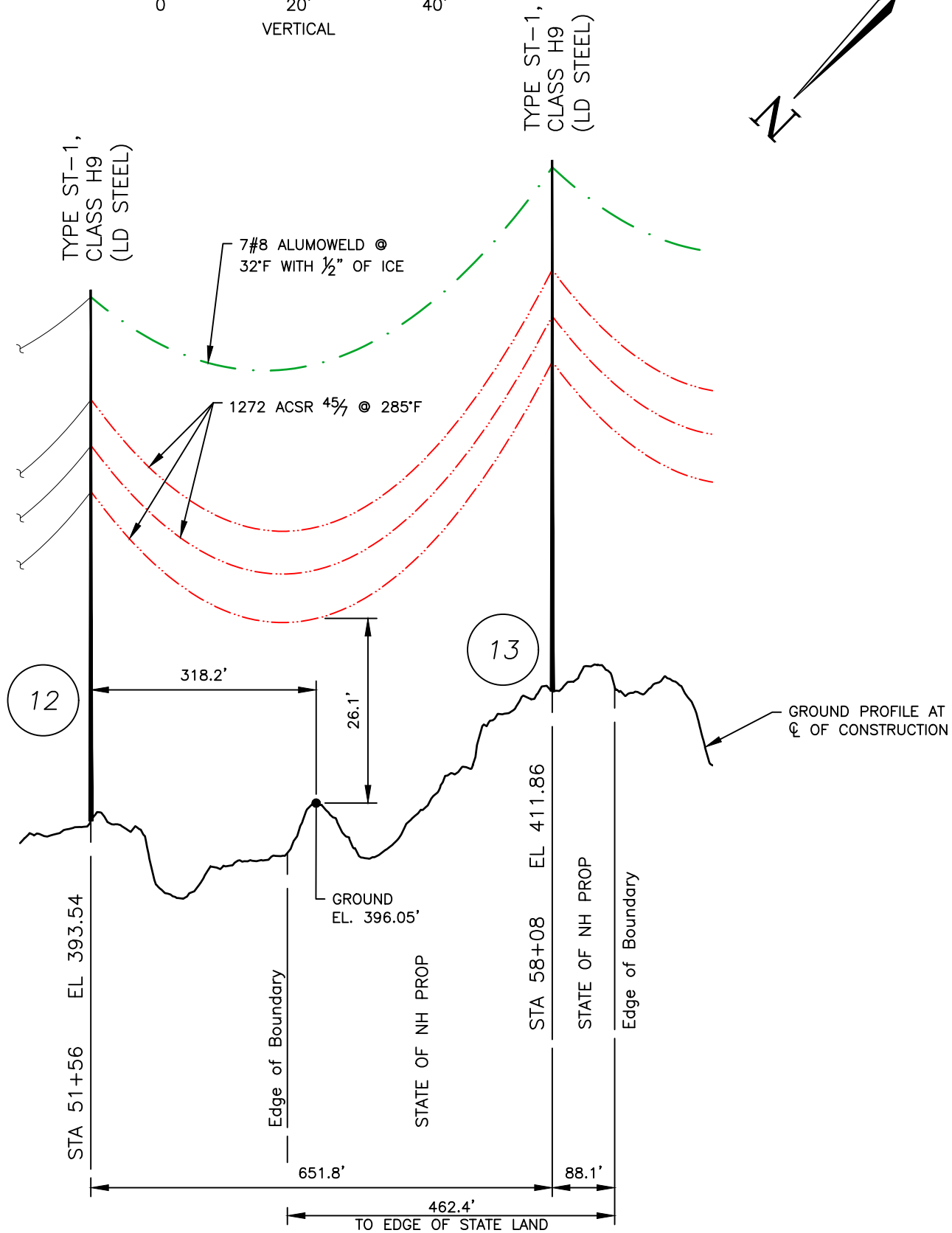
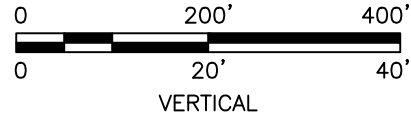
LINE R187, 115kV LINE
 STATE OWNED LAND CROSSING
 LONDONDERRY, NEW HAMPSHIRE
 EXHIBIT 2

DRAWN JAM/TRC	T 1
ENGINEER GEL/TRC	
CHECKED SEK/TRC	
APPROVED BRK/TRC	
DATE 05/07/21	

SCALE AS SHOWN	FILE: R18743501.DWG IMAGE:	DRAWING NO. R18743501
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PROFILE VIEW

SCALE: HORZ 1" = 200'
VERT 1" = 20'
HORIZONTAL
VERTICAL



PLAN VIEW

SCALE: 1" = 200'

EVERSOURCE PROPERTY
MAP: 013
LOT: 056

LEGEND:

Ø #12 STRUCTURE

STATE OF NEW HAMPSHIRE PROPERTY

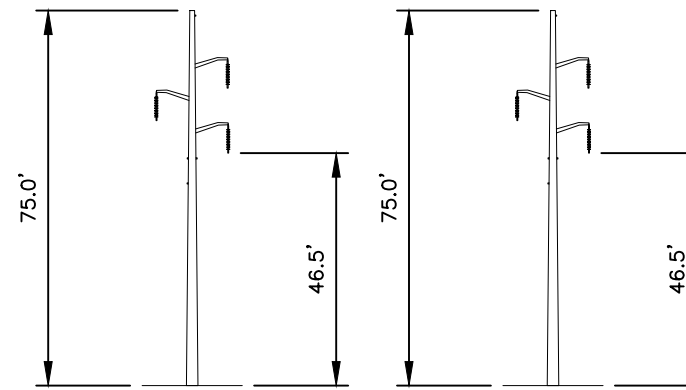
PROPERTY BOUNDARY

R187 LINE 115KV
LINE, Q OF CONSTRUCTION

LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
12	-71.35737879	42.89774141
13	-71.35911672	42.89648994

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
OTHER AREAS TRAVERSED BY VEHICLES, SUCH AS CULTIVATED, GRAZING, FOREST, AND ORCHARD LANDS, INDUSTRIAL SITES, COMMERCIAL SITES, ETC.	20.1



STRUCTURE 12
TYPE ST-1

STR 12: IS AN EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, DELTA CONFIG.

STRUCTURE 13
TYPE ST-1

STR 13: IS AN EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, DELTA CONFIG.

STRUCTURE DETAILS

SCALE: NTS

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 1272 kcmil 45/7, BITTERN	10500	0	0.5	4
SHIELD WIRE	1	7 NO. 8 AW	3500	0	0.5	4

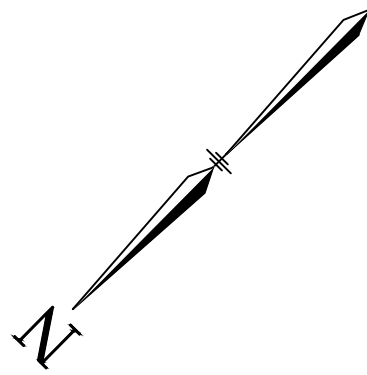
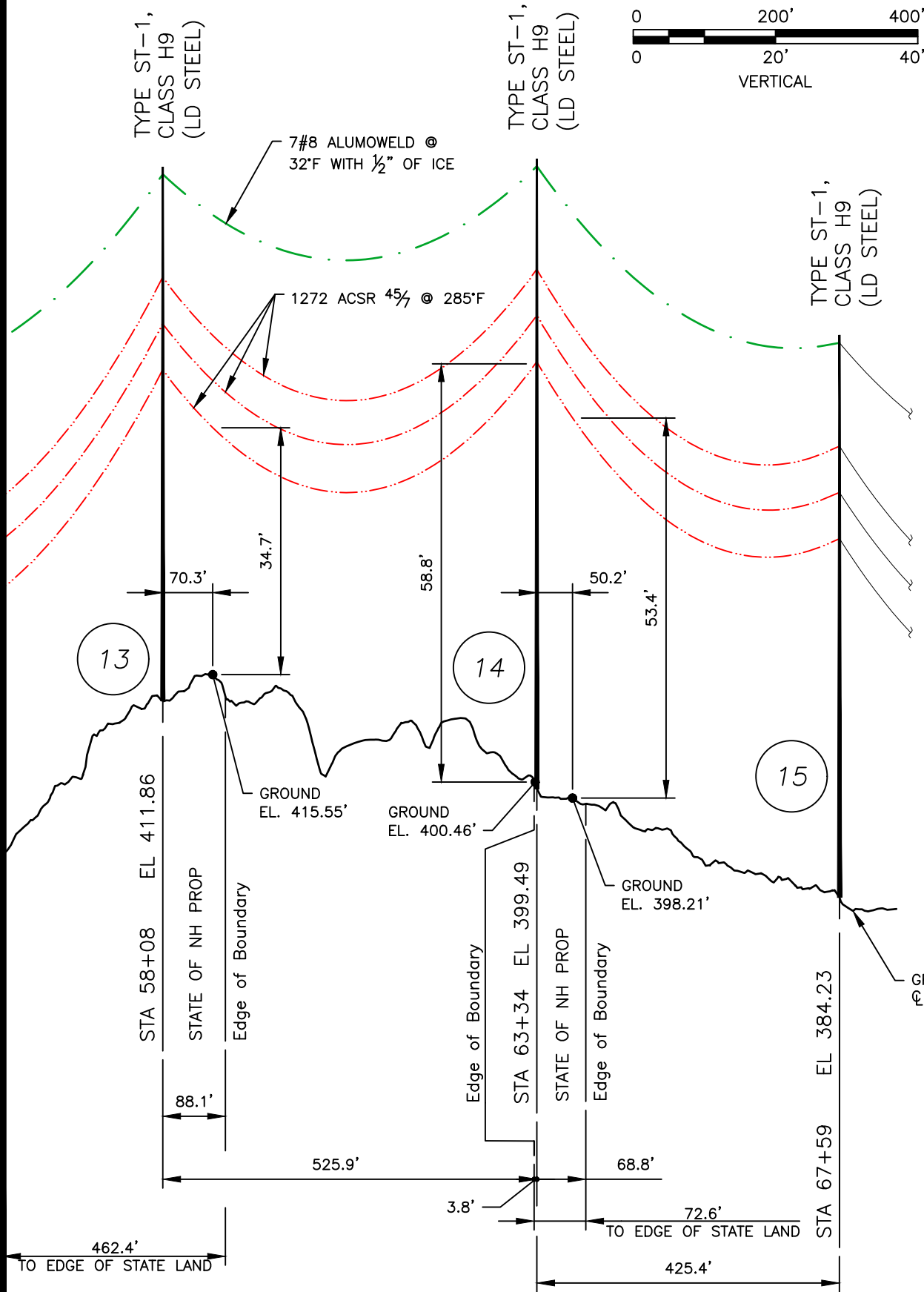
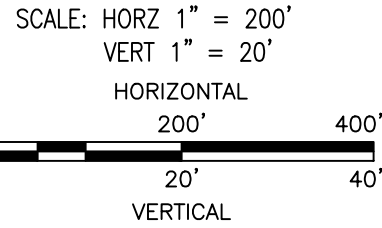
NOTES:

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

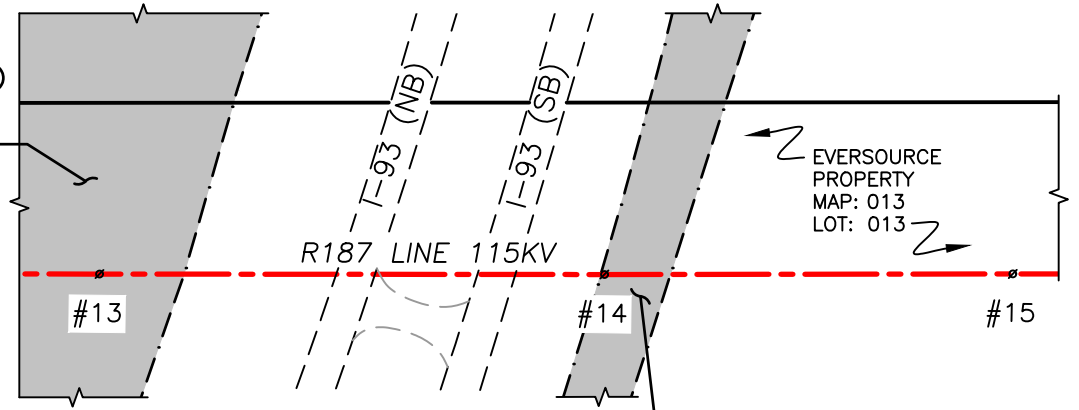
	T	1
	DRAWN	JAM/TRC
	ENGINEER	GEL/TRC
	CHECKED	SEK/TRC
	APPROVED	BRK/TRC
	DATE	05/07/21
LINE R187, 115kV LINE STATE OWNED LAND CROSSING LONDONDERRY, NEW HAMPSHIRE EXHIBIT 3		
SCALE AS SHOWN	FILE: R18743502.DWG IMAGE:	DRAWING NO. R18743502

DWG REV	ISSUED TO PUC EPN/DESCRIPTION	CONT/PE#	DATE	JAM DRN	SEK CHKD	BRK APPR
1			05/21			

PROFILE VIEW



STATE OF NH
PROP (NH DPW)
MAP: 013
LOT: 057
EAA-10799



PLAN VIEW

SCALE: 1" = 200'

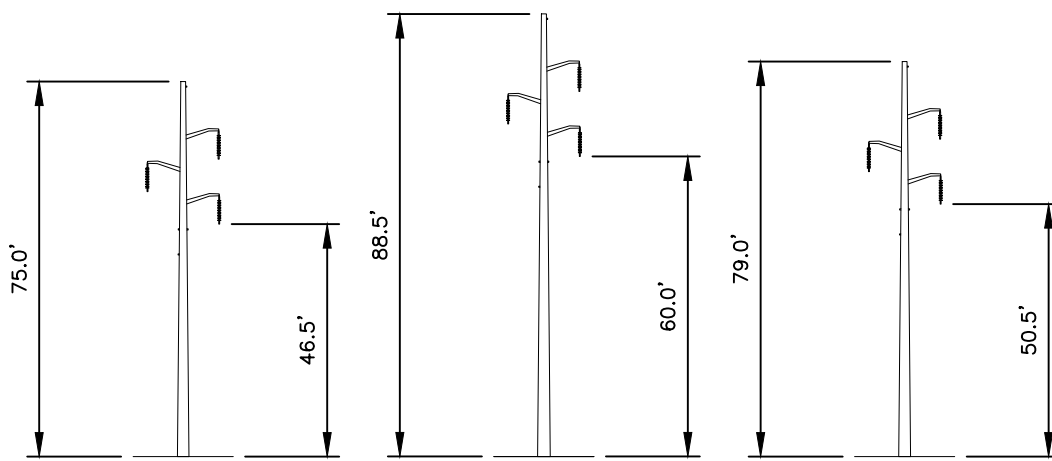
STATE OF NH
PROP (NH DPW)
MAP: 013
LOT: 014
EAA-10799

LEGEND:

- ⊙ #13 STRUCTURE
- ▭ STATE OF NEW HAMPSHIRE PROPERTY
- - - - - PROPERTY BOUNDARY
- R187 LINE 115KV — LINE, ☉ OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
13	-71.35911672	42.89648994
14	-71.36051764	42.89547947
15	-71.36164831	42.89466015

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kv
OTHER AREAS TRAVERSED BY VEHICLES, SUCH AS CULTIVATED, GRAZING, FOREST, AND ORCHARD LANDS, INDUSTRIAL SITES, COMMERCIAL SITES, ETC.	20.1



STRUCTURE 13
TYPE ST-1

STR 13: IS AN EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, DELTA CONFIG.

STRUCTURE 14
TYPE ST-1

STR 14: IS AN EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, DELTA CONFIG.

STRUCTURE 15
TYPE ST-1

STR 15: IS AN EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, DELTA CONFIG.

STRUCTURE DETAILS

SCALE: NTS

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSR, 1272 kcmil 45/7, BITTERN	10500	0	0.5	4
SHIELD WIRE	1	7 NO. 8 AW	3500	0	0.5	4

NOTES:

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

EVERSOURCE ENERGY

LINE R187, 115kV LINE
STATE OWNED LAND CROSSING
LONDONDERRY, NEW HAMPSHIRE
EXHIBIT 4

T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRK/TRC
DATE	05/07/21

DWG REV	ISSUED TO PUC	FILE: R18743502.DWG	DATE	JAM	SEK	BRK
	EPN/DESCRIPTION	IMAGE:	CONT/PE#	DRN	CHKD	APPR
1			05/21	JAM	SEK	BRK

SCALE AS SHOWN
DRAWING NO. R18743502