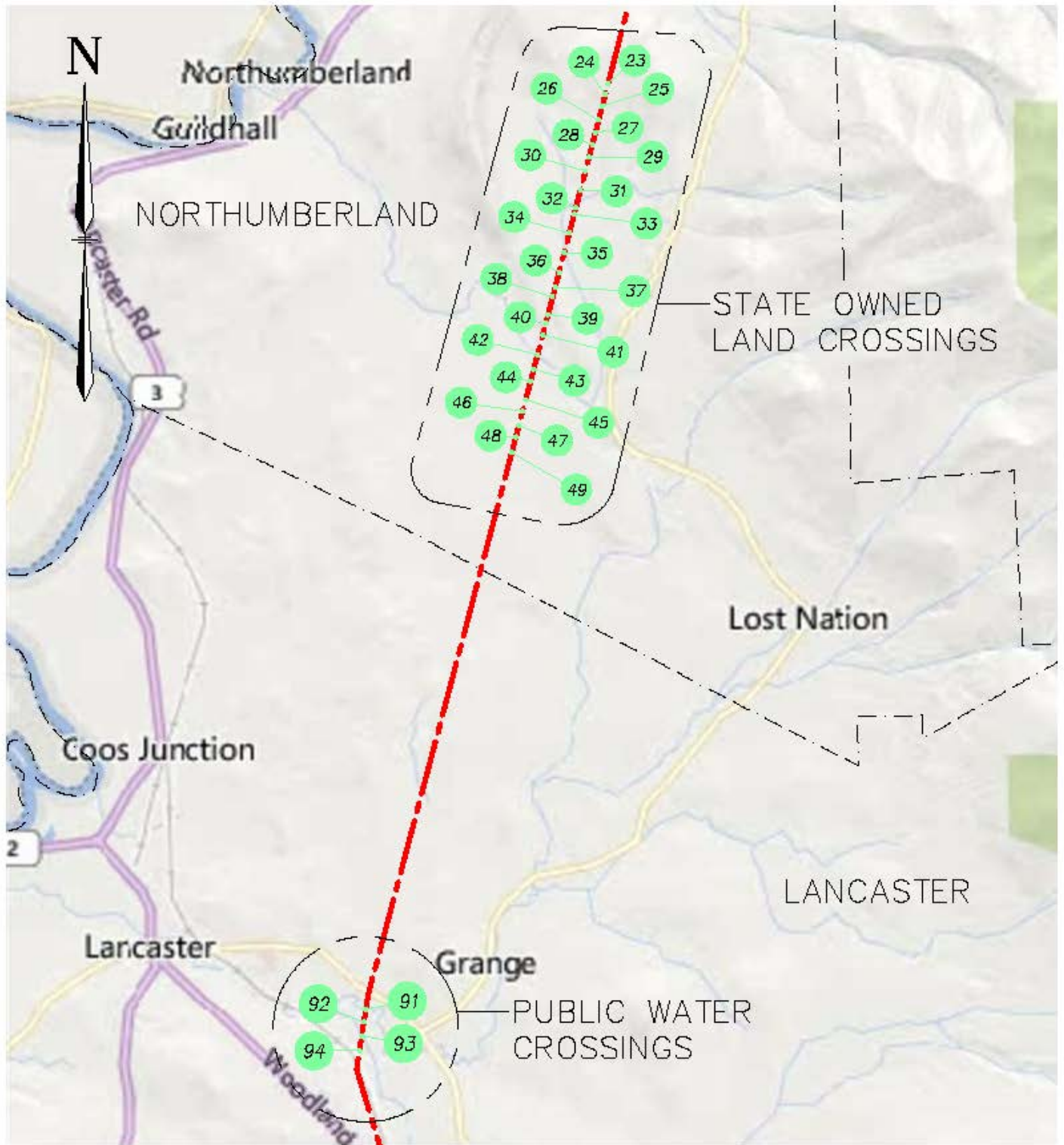




LEGEND:

D142 LINE: 
 D142 STR: 

EVERSOURCE
ENERGY

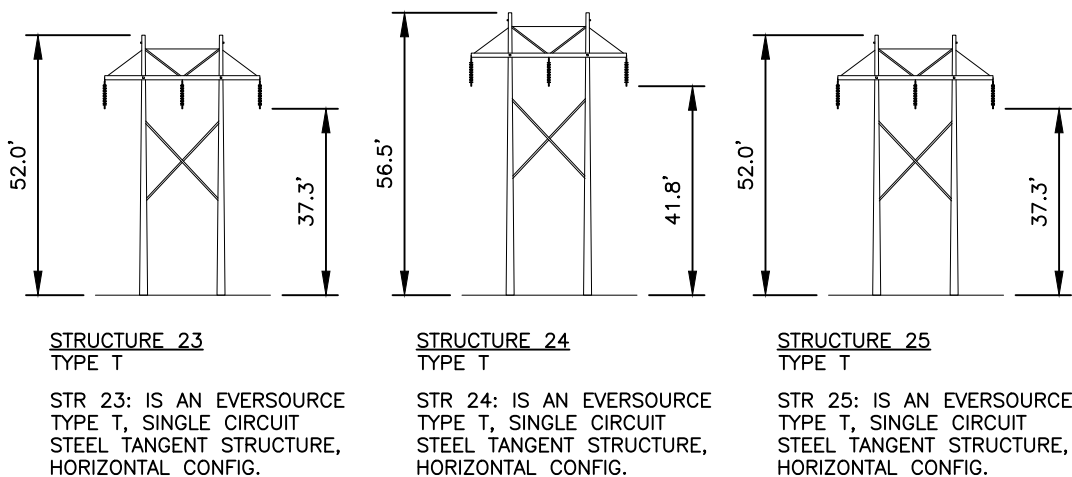
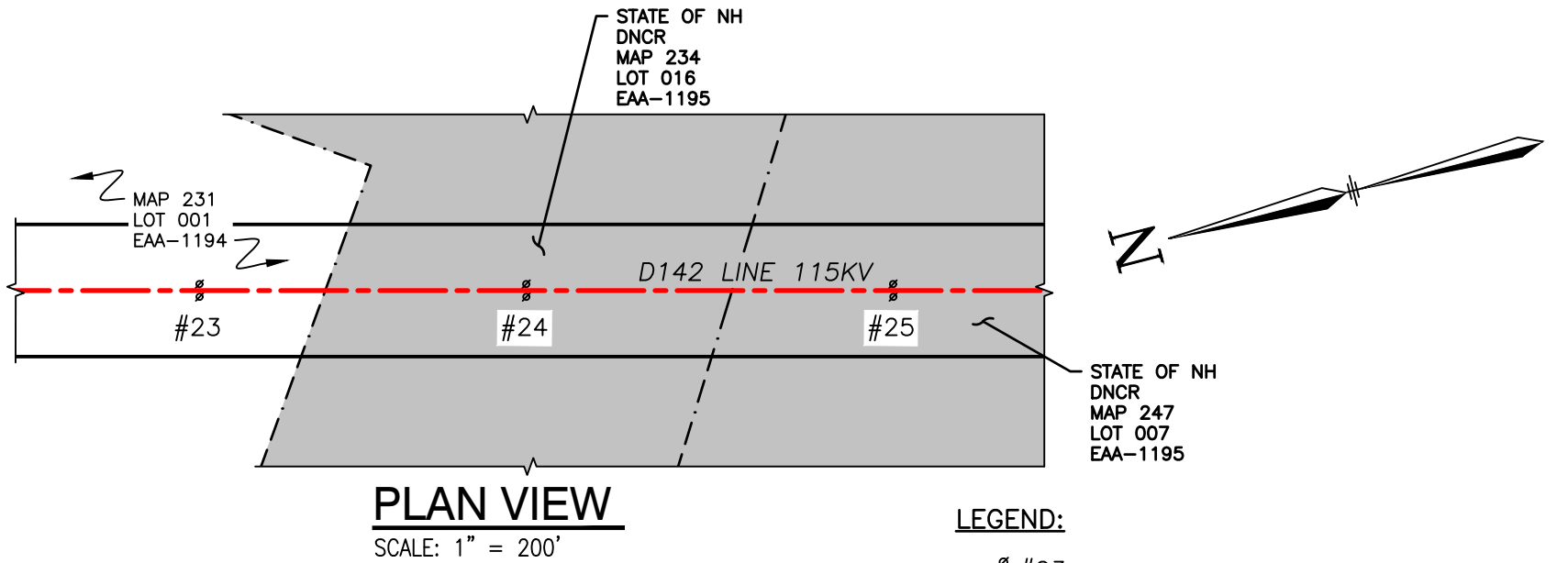
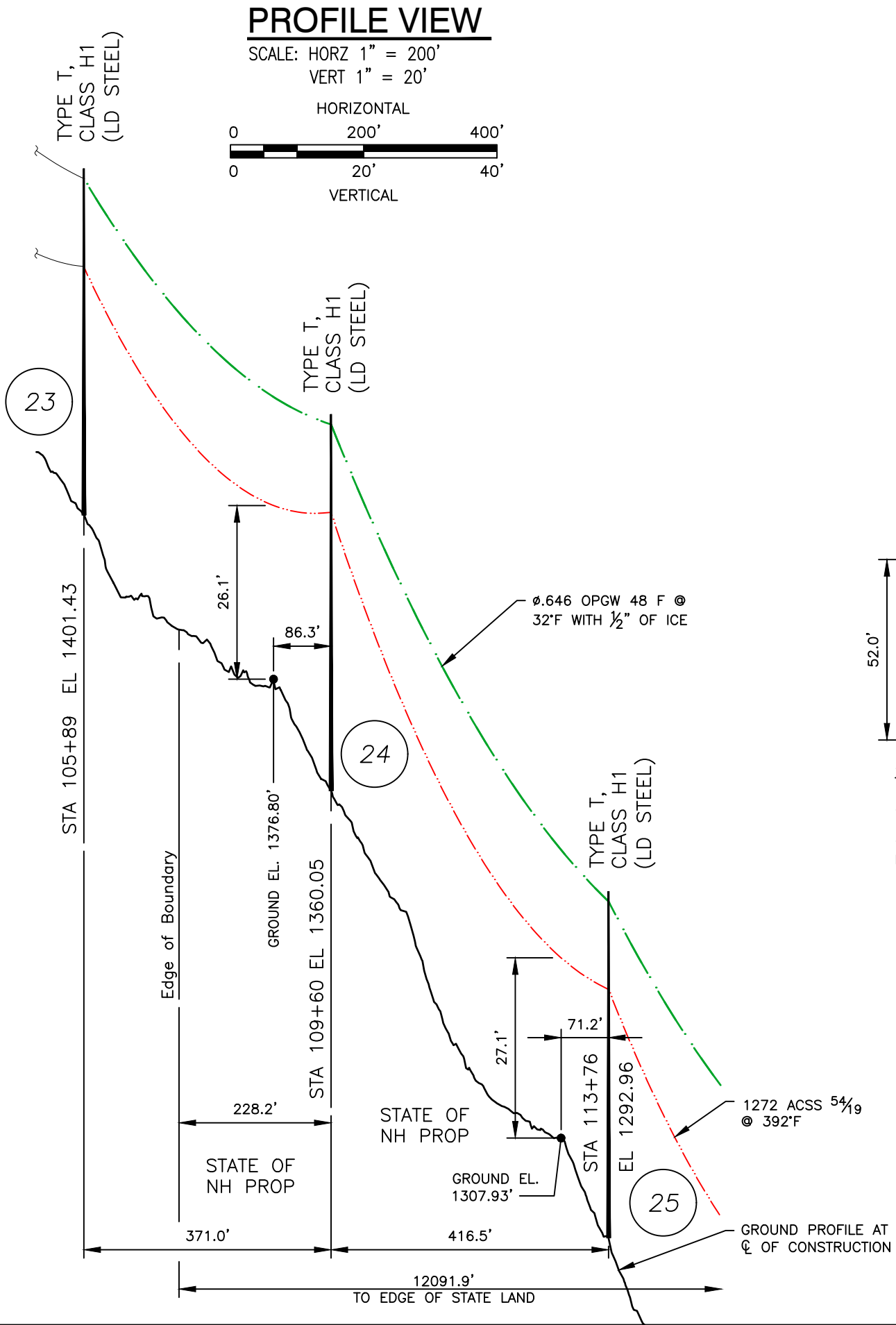
LINE D142, 115kV LINE
 STATE OWNED LAND AND PUBLIC WATER CROSSINGS, LOCATION PLAN
 NORTHUMBERLAND & LANCASTER, NEW HAMPSHIRE
 EXHIBIT 1

T	1
DRUM	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	03/30/21

DWG REV	ISSUED TO	DATE	DRN	CHKD	APPR
1	ISSUED TO PUC	03/21	JAM	SEK	BRS
	EPN/DESCRIPTION	CONT/PEP			

SCALE: 1" = 5000'
 FILE: D14243501.DWG
 IMAGE:

DRAWING NO.
D14243501



STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
23	-71.50899464	44.56871446
24	-71.50935482	44.56772992
25	-71.50975916	44.56662464

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

- NOTES:
- PARCEL INFORMATION PROVIDED BY NH GRANIT.
 - 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F 0.646 AFL 53-81/69/646	5000	0	0.5	4

DWG	REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	JAM	SEK	BRS
1					03/21			

EVERSOURCE ENERGY

LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 2

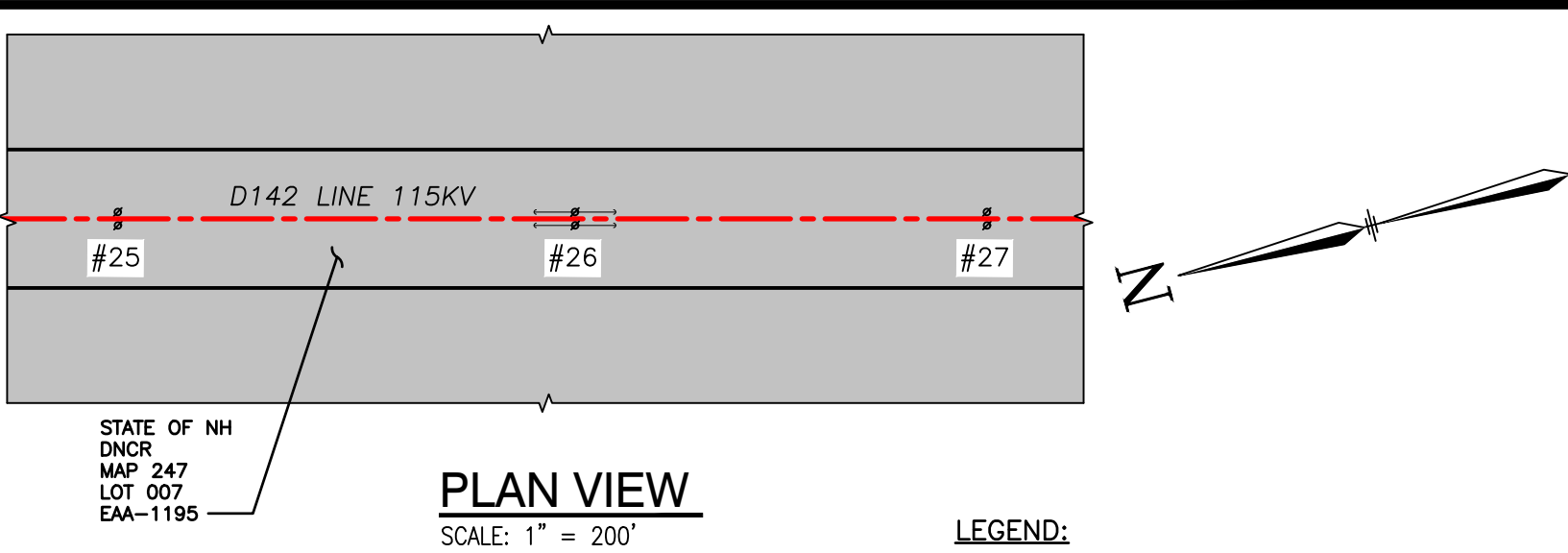
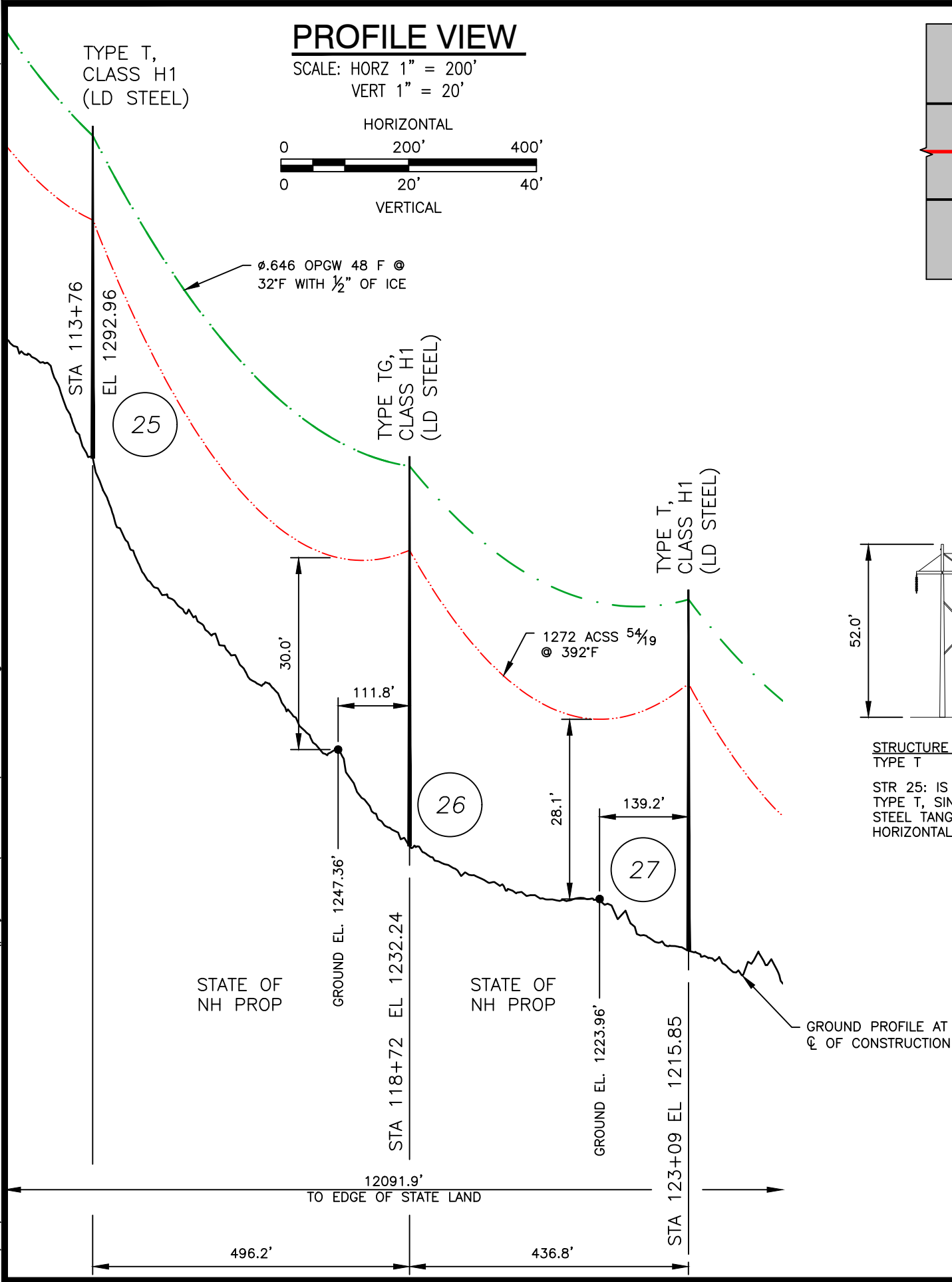
SCALE: AS SHOWN
FILE: D14243501.DWG
IMAGE:

DRAWING NO. D14243501

T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	03/30/21

3/26/2021 8:15 AM - JAMcDonald - C:\projectwise\q2576959\D14243501.dwg - EXHIBIT 3

ES VER: 12/2016



LEGEND:

#26 STRUCTURE (WITH GUYS)

STATE OF NEW HAMPSHIRE PROPERTY

PROPERTY BOUNDARY

D142 LINE 115KV

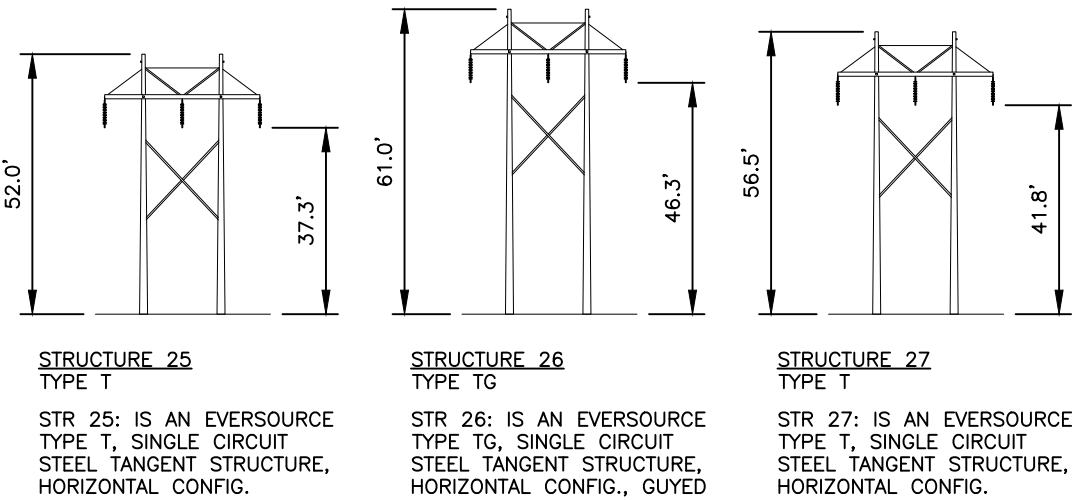
LINE, CL OF CONSTRUCTION

LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
25	-71.50975916	44.56662464
26	-71.51024066	44.56530838
27	-71.51066162	44.56414936

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

- NOTES:**
- PARCEL INFORMATION PROVIDED BY NH GRANIT.
 - 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F Ø0.646 AFL 53-81/69/646	5000	0	0.5	4

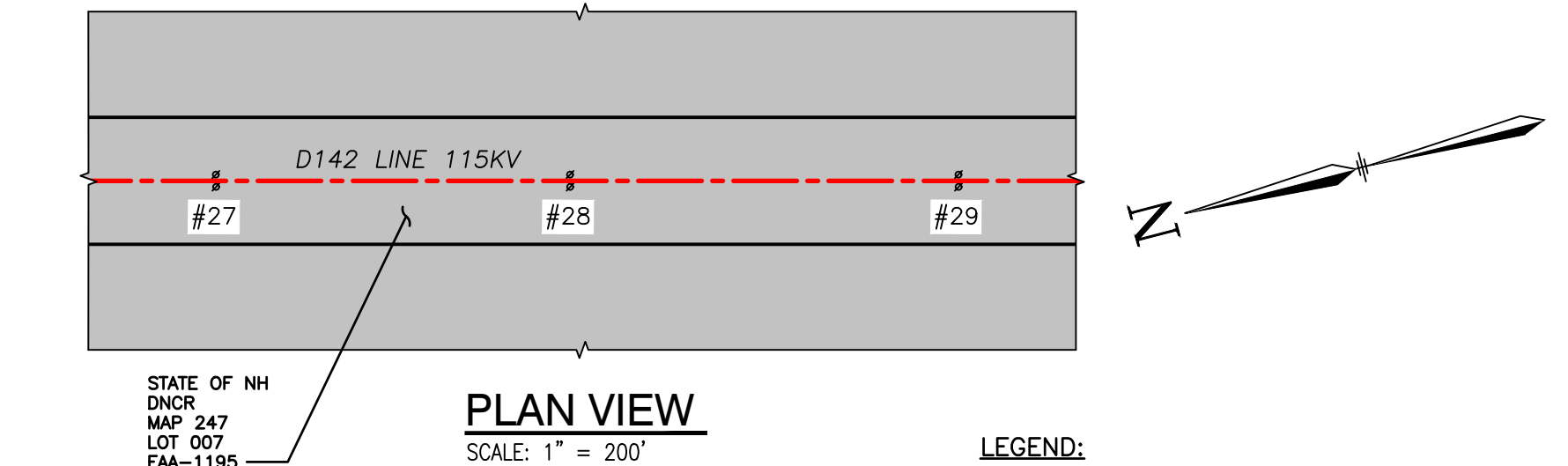
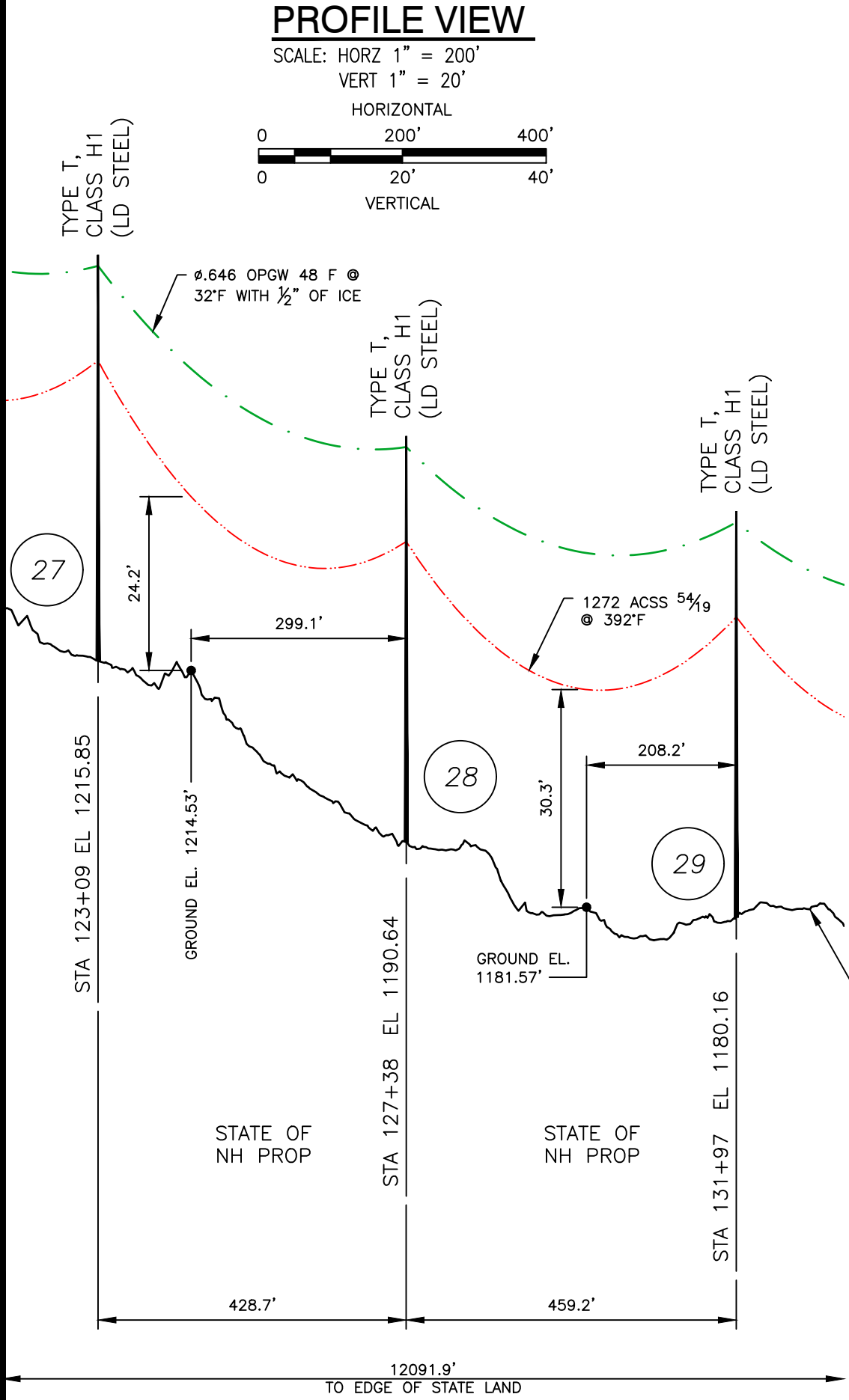
1	ISSUED TO PUC		03/21	JAM	SEK	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

EVERSOURCE ENERGY

LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 3

SCALE AS SHOWN	FILE: D14243501.DWG IMAGE:	DRAWING NO. D14243501
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T	1
DRAWN JAM/TRC	
ENGINEER GEL/TRC	
CHECKED SEK/TRC	
APPROVED BRS/TRC	
DATE 03/30/21	



LEGEND:

Ø #27 STRUCTURE

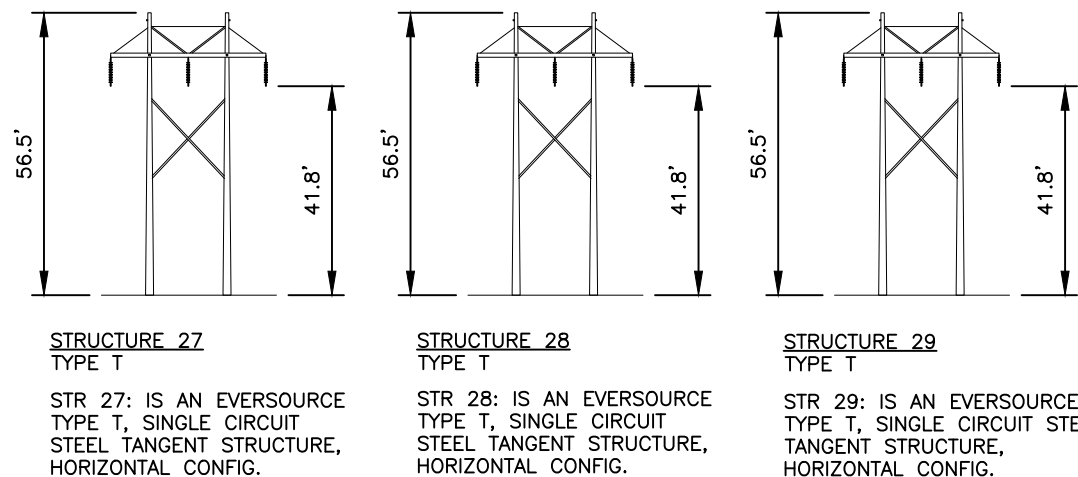
STATE OF NEW HAMPSHIRE PROPERTY

PROPERTY BOUNDARY

D142 LINE 115KV

LINE, CL OF CONSTRUCTION

LIMITS OF EVERSOURCE RIGHT OF WAY



STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
27	-71.51066162	44.56414936
28	-71.51108080	44.56301156
29	-71.51152657	44.56179282

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

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F Ø0.646 AFL 53-81/69/646	5000	0	0.5	4

1	ISSUED TO PUC		03/21	JAM	SEK	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

NOTES:

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

EVERSOURCE ENERGY

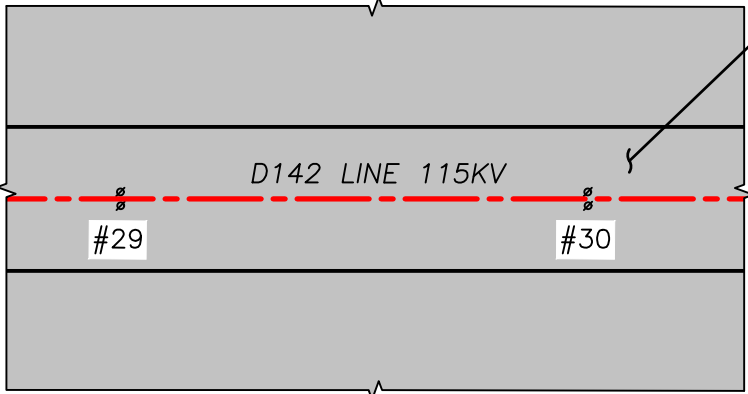
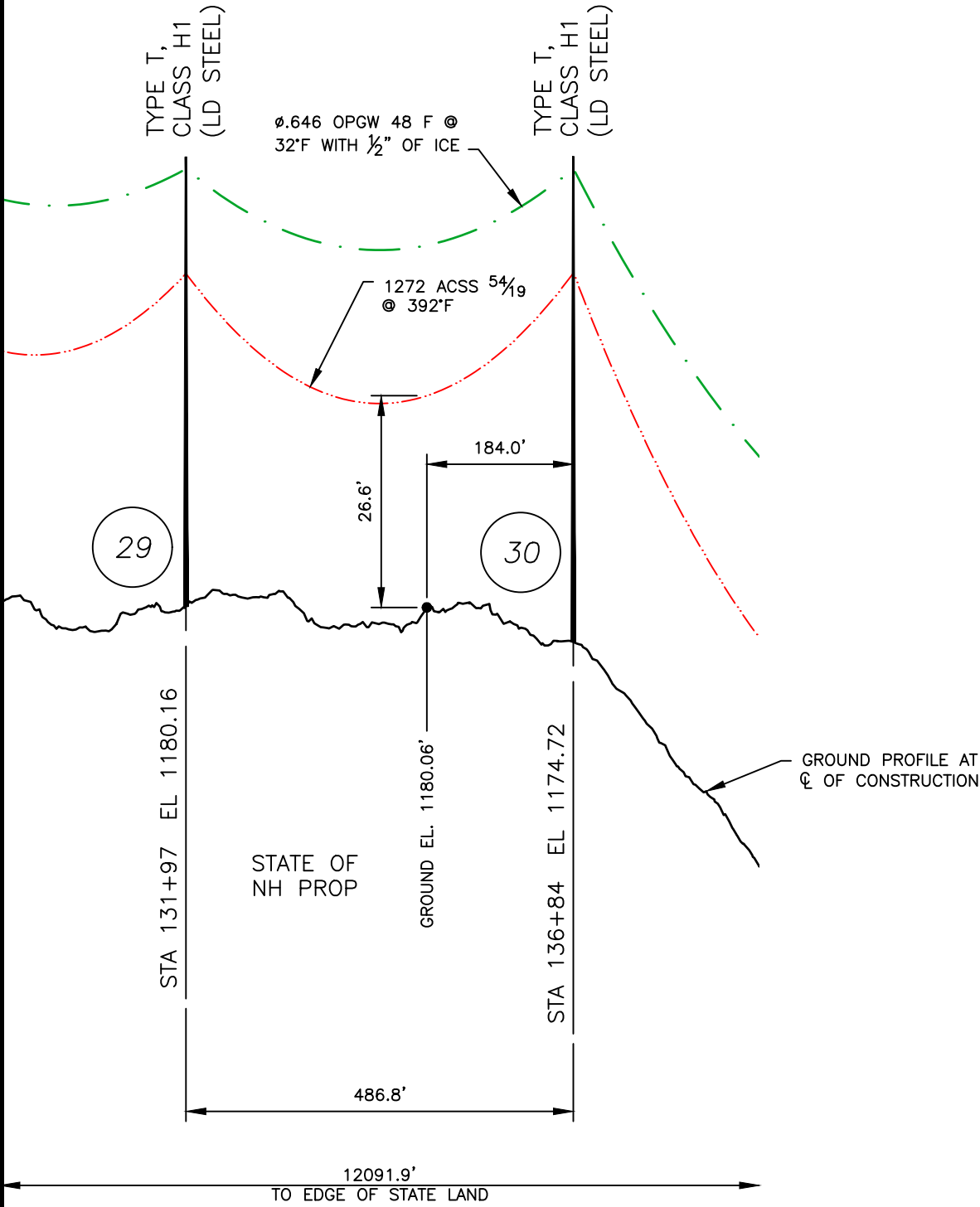
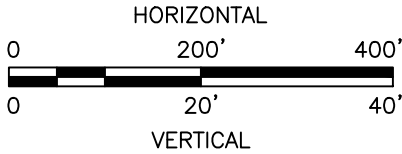
LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 4

T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	03/30/21

SCALE AS SHOWN	FILE: D14243501.DWG IMAGE:	DRAWING NO. D14243501
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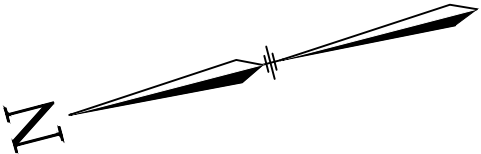
PROFILE VIEW

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



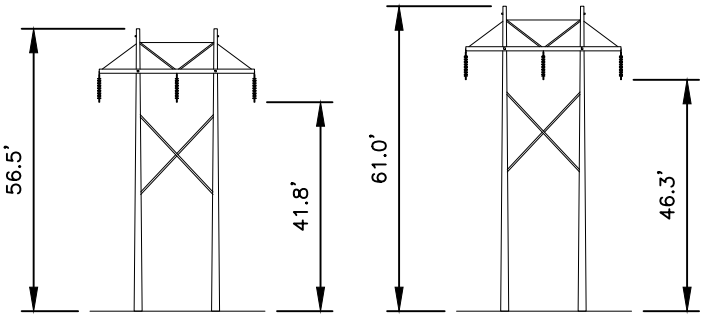
PLAN VIEW

SCALE: 1" = 200'



LEGEND:

- #29 STRUCTURE
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- D142 LINE 115KV
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY



STRUCTURE 29
TYPE T

STR 29: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 30
TYPE T

STR 30: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F 0.646 AFL S3-81/69/646	5000	0	0.5	4

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
29	-71.51152657	44.56179282
30	-71.51199901	44.56050110

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

NOTES:

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

1	ISSUED TO PUC		03/21	JAM	SEK	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

EVERSOURCE
ENERGY

LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 5

SCALE
AS SHOWN

FILE: D14243501.DWG
IMAGE:

DRAWING NO.
D14243501

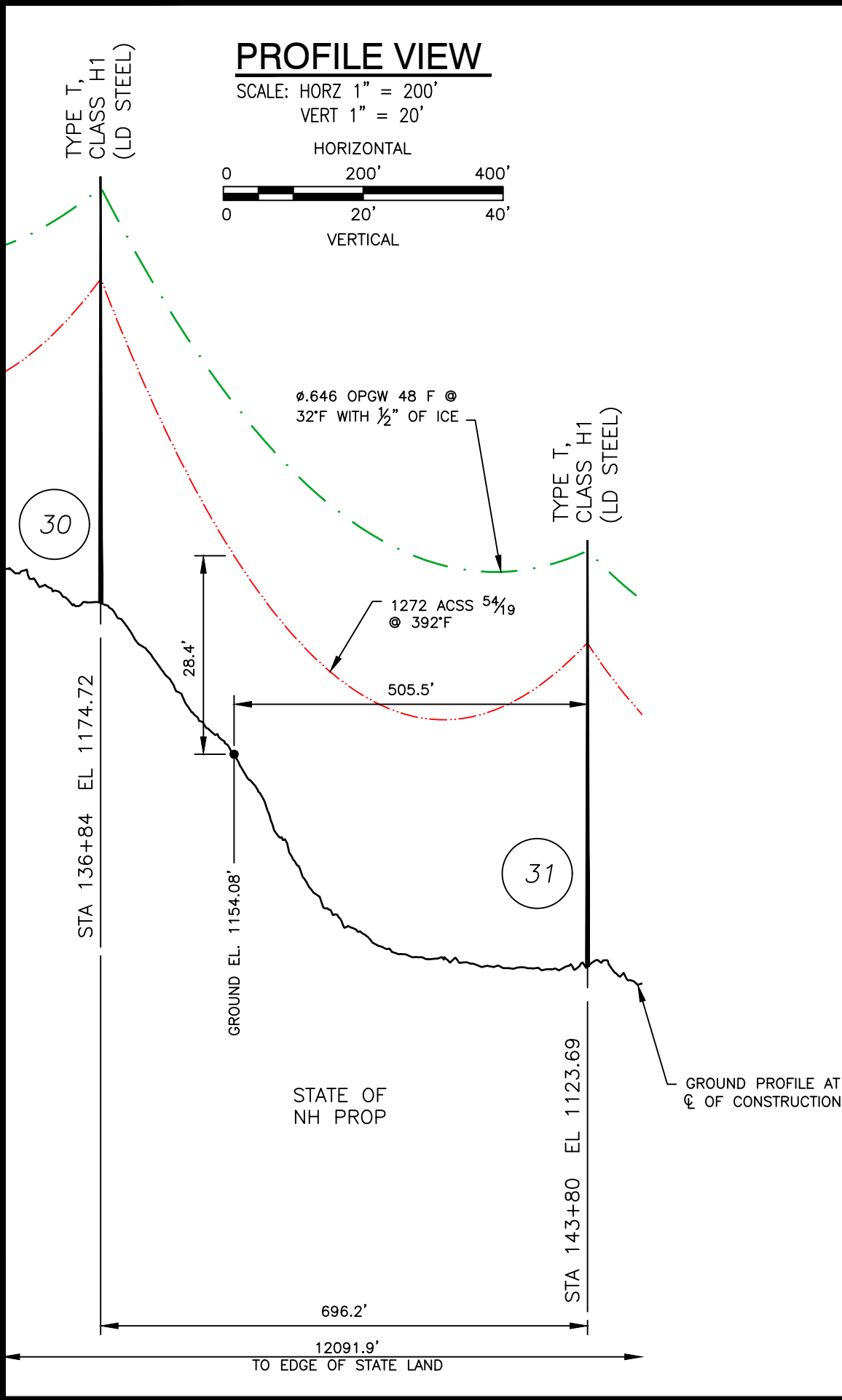
T
DRAWN
JAM/TRC

1
ENGINEER
GEL/TRC

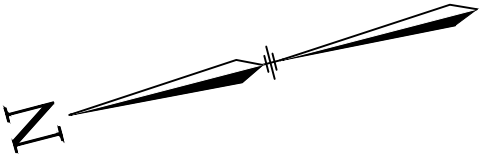
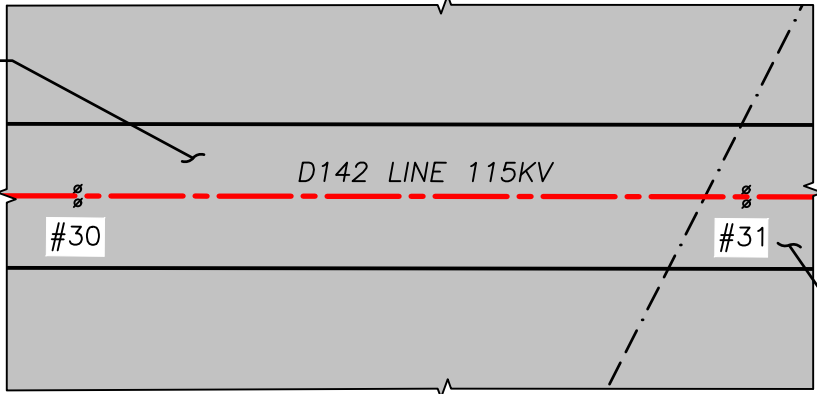
CHECKED
SEK/TRC

APPROVED
BRS/TRC

DATE
03/30/21



STATE OF NH
DNCR
MAP 247
LOT 007
EAA-1195



LEGEND:

#30 STRUCTURE

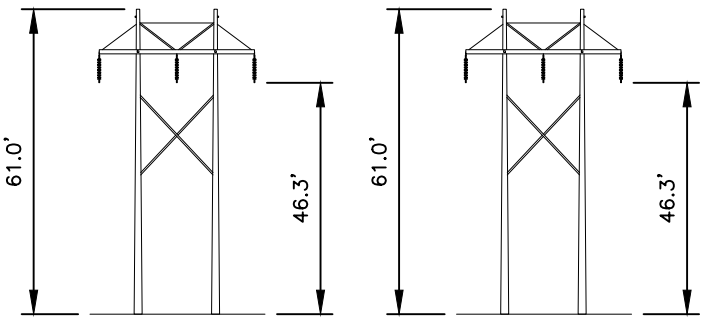
STATE OF NEW HAMPSHIRE PROPERTY

PROPERTY BOUNDARY

D142 LINE 115KV

LINE, CL OF CONSTRUCTION

LIMITS OF EVERSOURCE RIGHT OF WAY



STR 30: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

STR 31: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F 0.646 AFL 53-81/69/646	5000	0	0.5	4

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
30	-71.51199901	44.56050110
31	-71.51267475	44.55865342

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

NOTES:

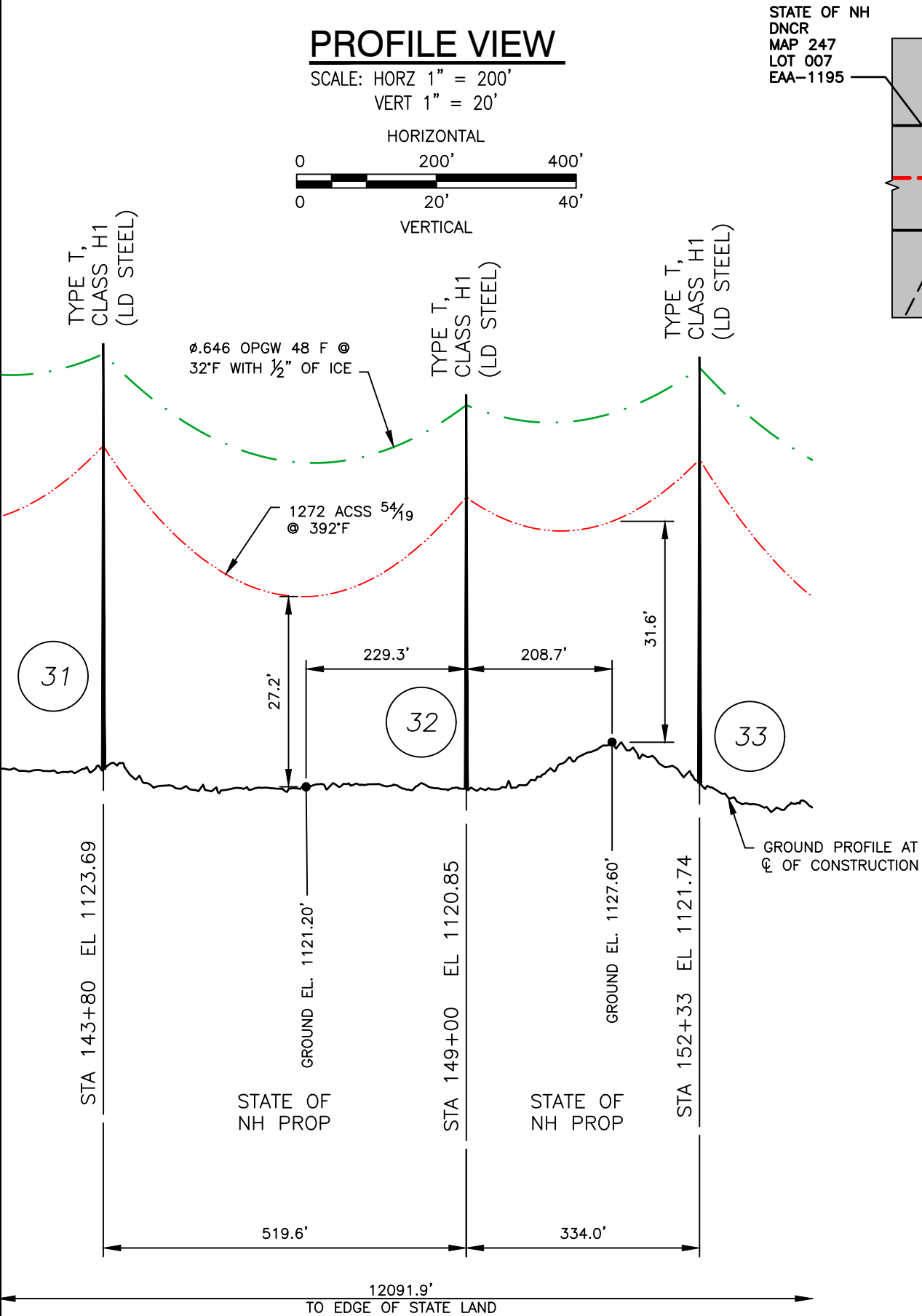
- PARCEL INFORMATION PROVIDED BY NH GRANIT.
- ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

1	ISSUED TO PUC		03/21	JAM	SEK	BRS	
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR	

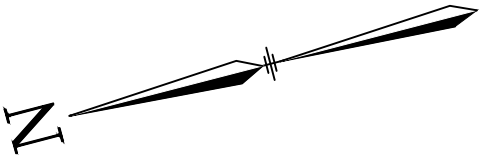
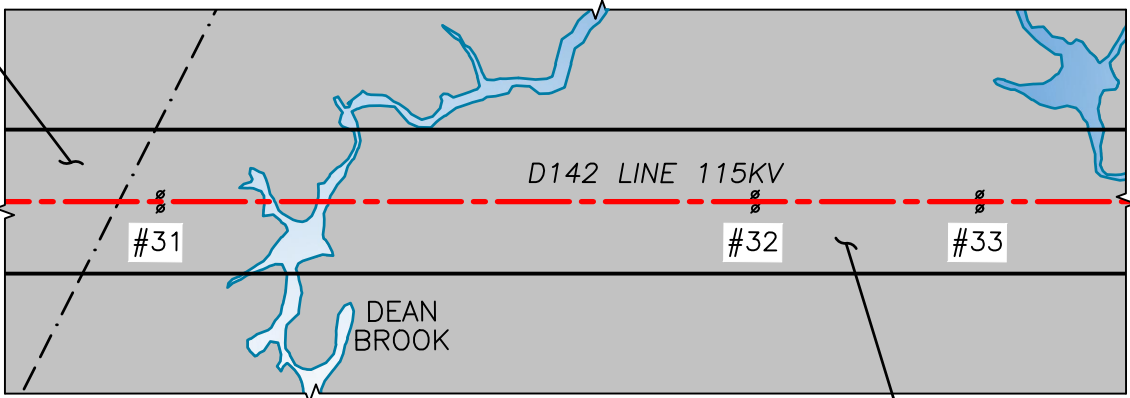
LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 6

SCALE AS SHOWN	FILE: D14243501.DWG IMAGE:	DRAWING NO. D14243501
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T	1
DRAWN JAM/TRC	
ENGINEER GEL/TRC	
CHECKED SEK/TRC	
APPROVED BRS/TRC	
DATE 03/30/21	



STATE OF NH
DNCR
MAP 247
LOT 007
EAA-1195



LEGEND:

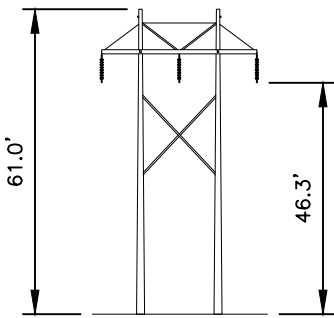
- #32 STRUCTURE
- STATE OF NEW HAMPSHIRE PROPERTY
- STREAM, EDGE OF RIVER/WATER
- PROPERTY BOUNDARY
- D142 LINE 115KV
- LINE, CL OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
31	-71.51267475	44.55865342
32	-71.51317892	44.55727478
33	-71.51350296	44.55638867

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

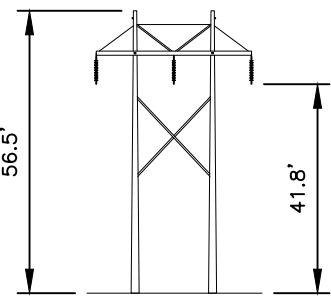
NOTES:

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



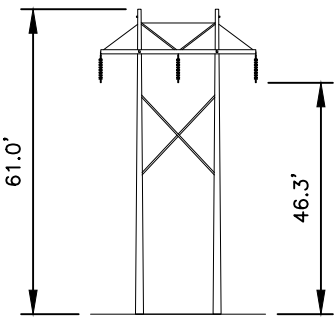
STRUCTURE 31
TYPE T

STR 31: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.



STRUCTURE 32
TYPE T

STR 32: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.



STRUCTURE 33
TYPE T

STR 33: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F 0.646 AFL 53-81/69/646	5000	0	0.5	4

1	ISSUED TO PUC		03/21	JAM	SEK	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

EVERSOURCE ENERGY

LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 7

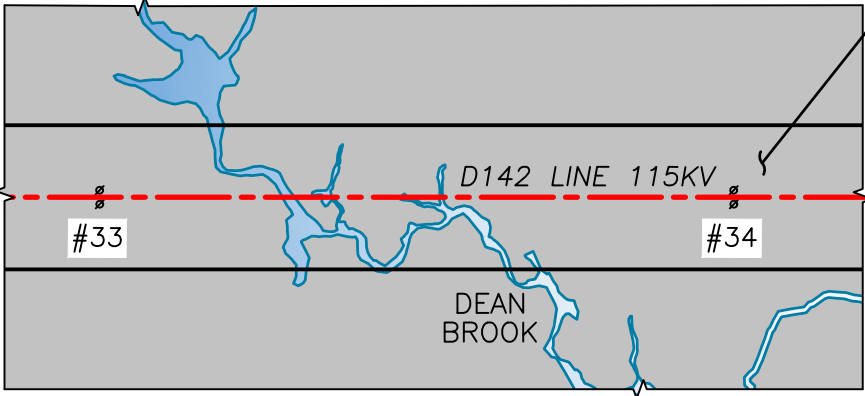
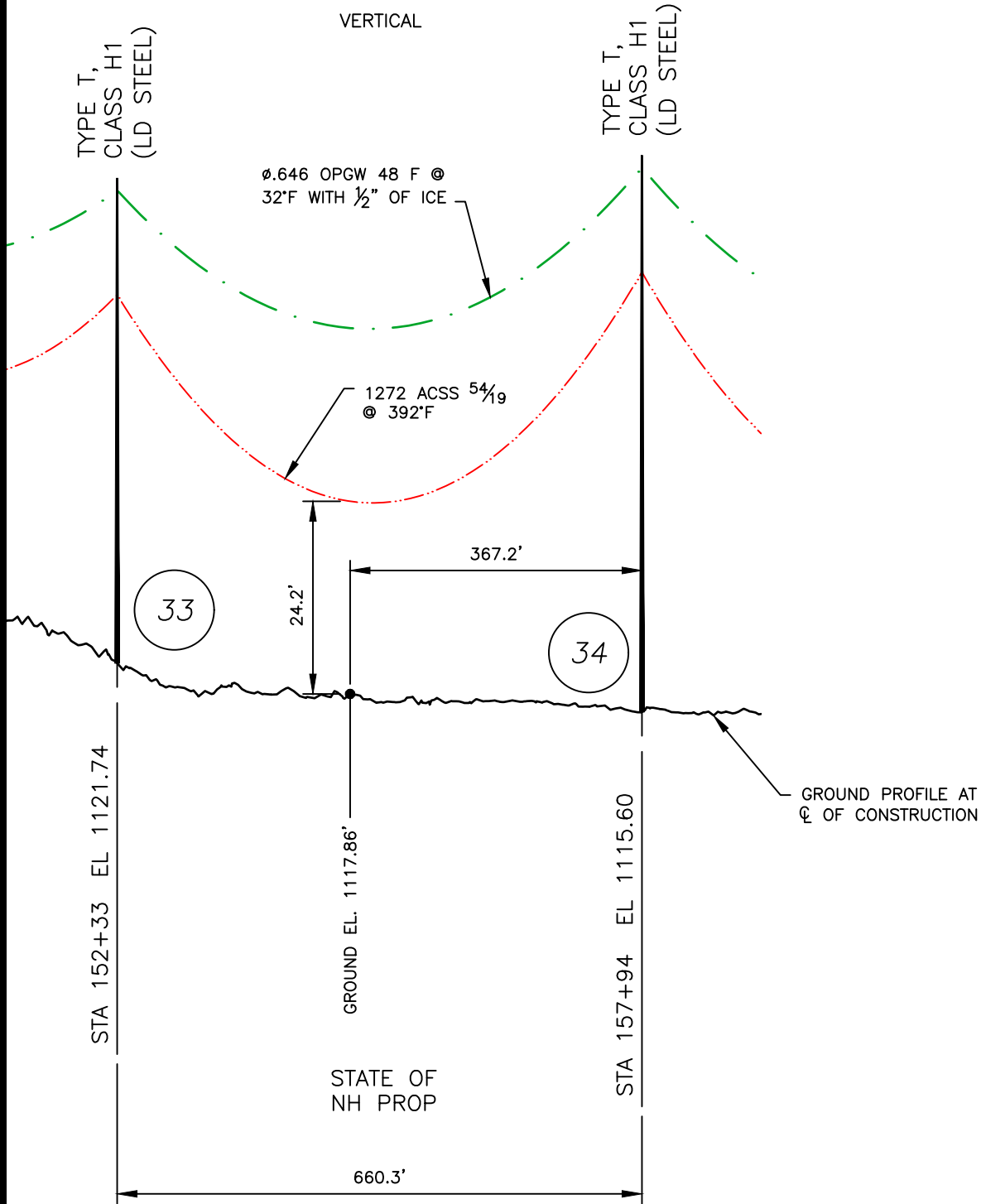
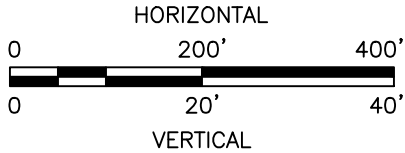
SCALE: AS SHOWN
FILE: D14243501.DWG
IMAGE:

DRAWING NO. D14243501

T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	03/30/21

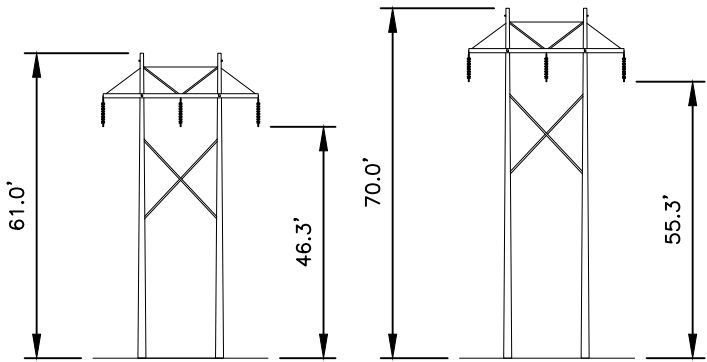
PROFILE VIEW

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



PLAN VIEW

SCALE: 1" = 200'



STRUCTURE 33
TYPE T

STR 33: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 34
TYPE T

STR 34: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F 0.646 AFL S3-81/69/646	5000	0	0.5	4

1	ISSUED TO PUC		03/21	JAM	SEK	BRS	
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR	

LEGEND:

- #33 STRUCTURE
- STATE OF NEW HAMPSHIRE PROPERTY
- STREAM, EDGE OF RIVER/WATER
- PROPERTY BOUNDARY
- D142 LINE 115KV
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
33	-71.51350296	44.55638867
34	-71.51414377	44.55463626

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

NOTES:

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

EVERSOURCE
ENERGY

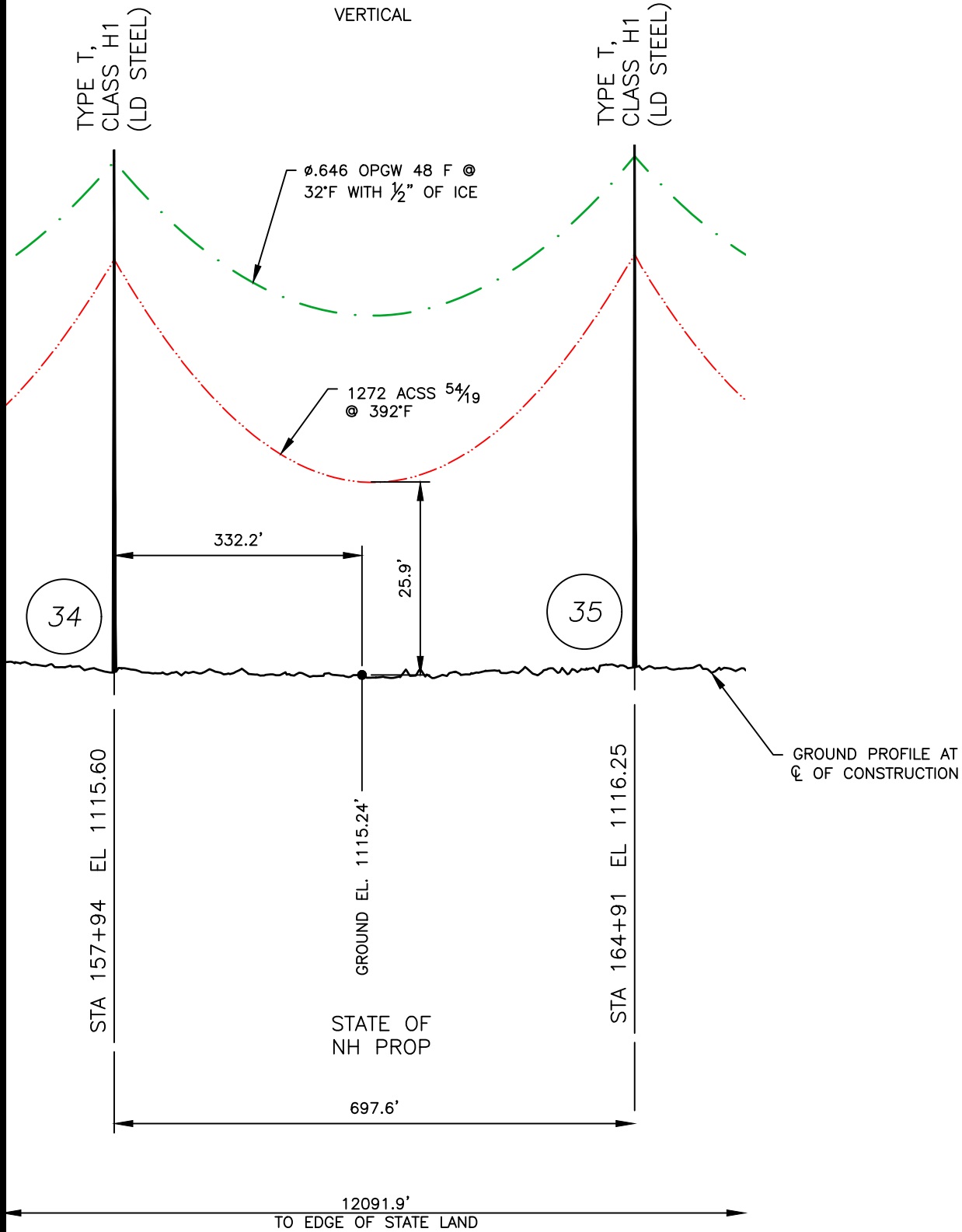
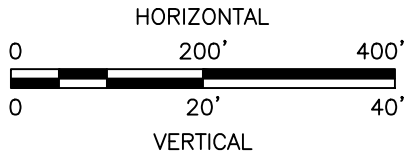
LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 8

SCALE: AS SHOWN
FILE: D14243501.DWG
DRAWING NO.: D14243501

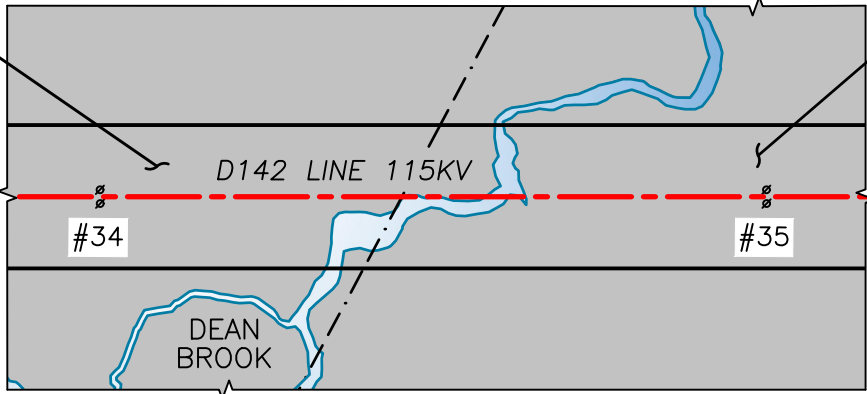
T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	03/30/21

PROFILE VIEW

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

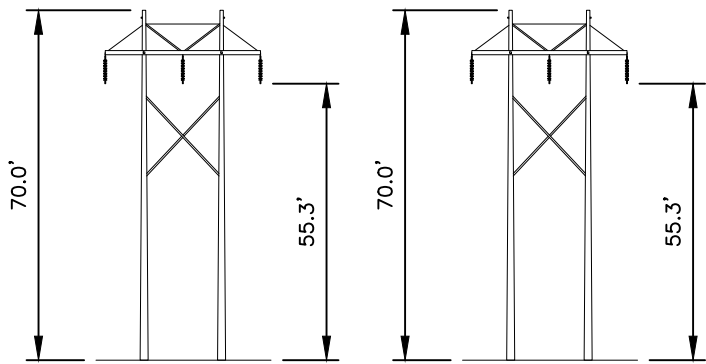


STATE OF NH
DNCR
MAP 234
LOT 017



PLAN VIEW

SCALE: 1" = 200'



STRUCTURE 34
TYPE T

STR 34: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 35
TYPE T

STR 35: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

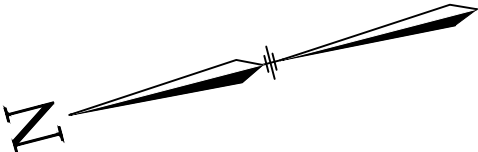
STRUCTURE DETAILS

SCALE: NTS

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F Ø0.646 AFL 53-81/69/646	5000	0	0.5	4

1	ISSUED TO PUC		03/21	JAM	SEK	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

STATE OF NH
DNCR
MAP 247
LOT 007



LEGEND:

- #34 STRUCTURE
- STATE OF NEW HAMPSHIRE PROPERTY
- STREAM, EDGE OF RIVER/WATER
- PROPERTY BOUNDARY
- D142 LINE 115KV
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
34	-71.51414377	44.55463626
35	-71.51482070	44.55278494

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

NOTES:

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

EVERSOURCE
ENERGY

LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 9

SCALE
AS SHOWN

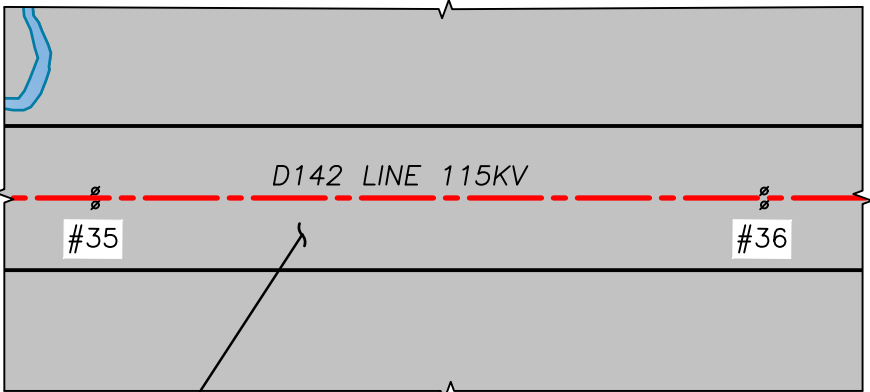
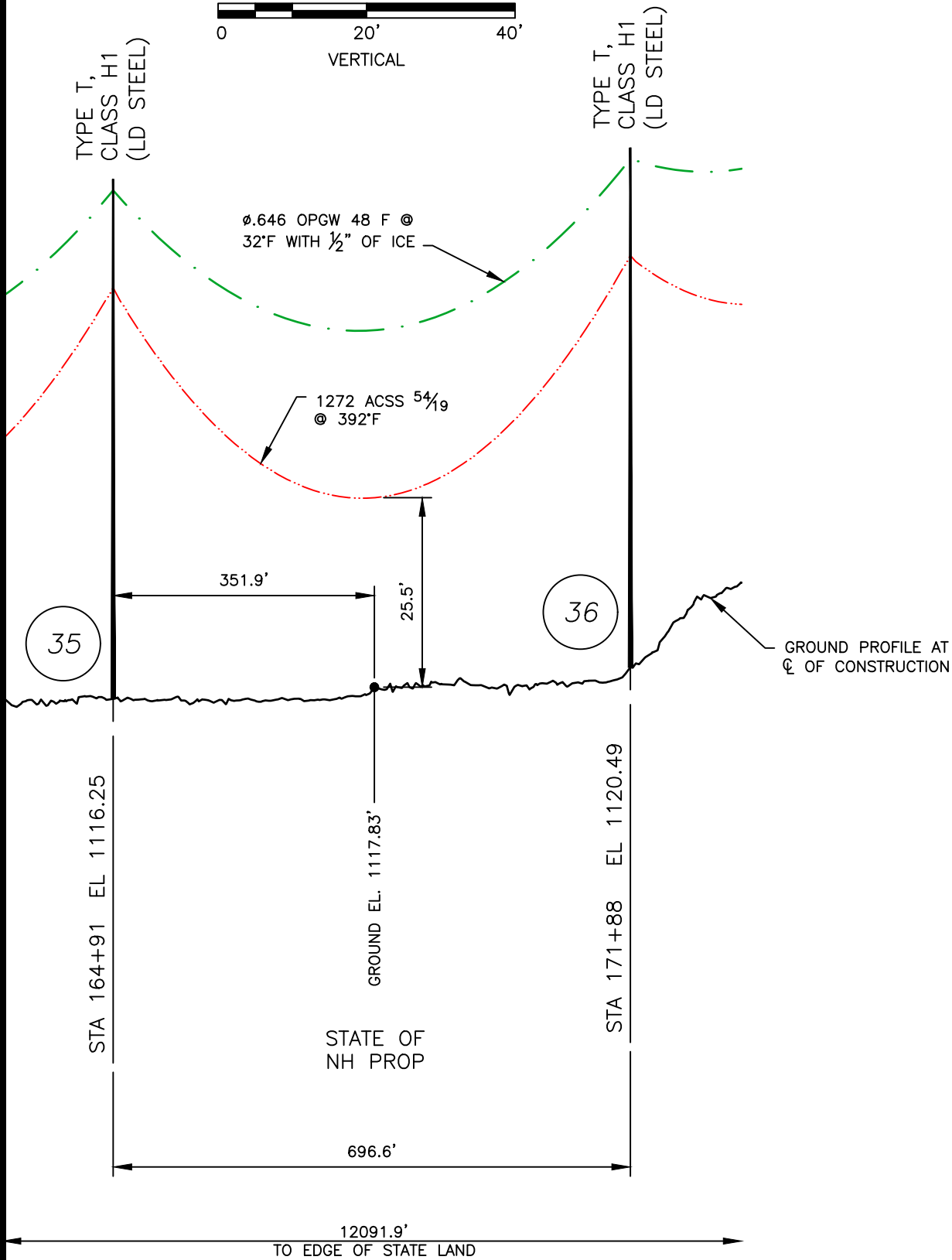
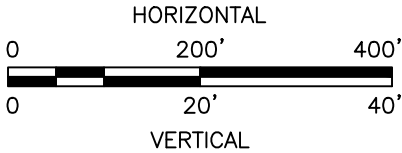
FILE: D14243501.DWG
IMAGE:

DRAWING NO.
D14243501

T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	03/30/21

PROFILE VIEW

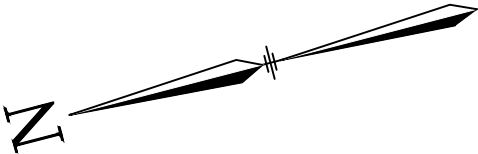
SCALE: HORZ 1" = 200'
VERT 1" = 20'



STATE OF NH
DNCR
MAP 247
LOT 007

PLAN VIEW

SCALE: 1" = 200'

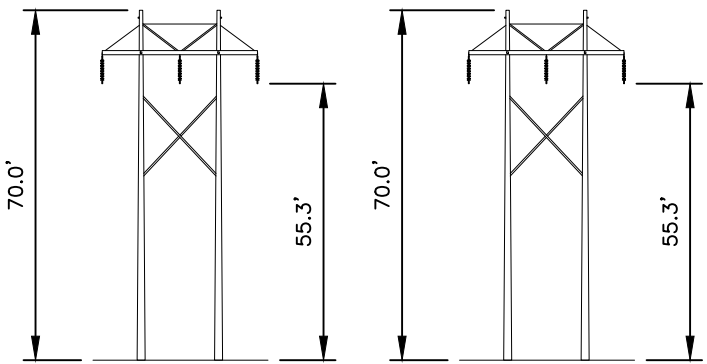


LEGEND:

#35 STRUCTURE

STATE OF NEW HAMPSHIRE PROPERTY

PROPERTY BOUNDARY
D142 LINE 115KV
LINE, C OF CONSTRUCTION
LIMITS OF EVERSOURCE
RIGHT OF WAY



STRUCTURE 35
TYPE T

STR 35: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 36
TYPE T

STR 36: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F 0.646 AFL 53-81/69/646	5000	0	0.5	4

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
35	-71.51482070	44.55278494
36	-71.51549664	44.55093619

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

NOTES:

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

1	ISSUED TO PUC		03/21	JAM	SEK	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

EVERSOURCE
ENERGY

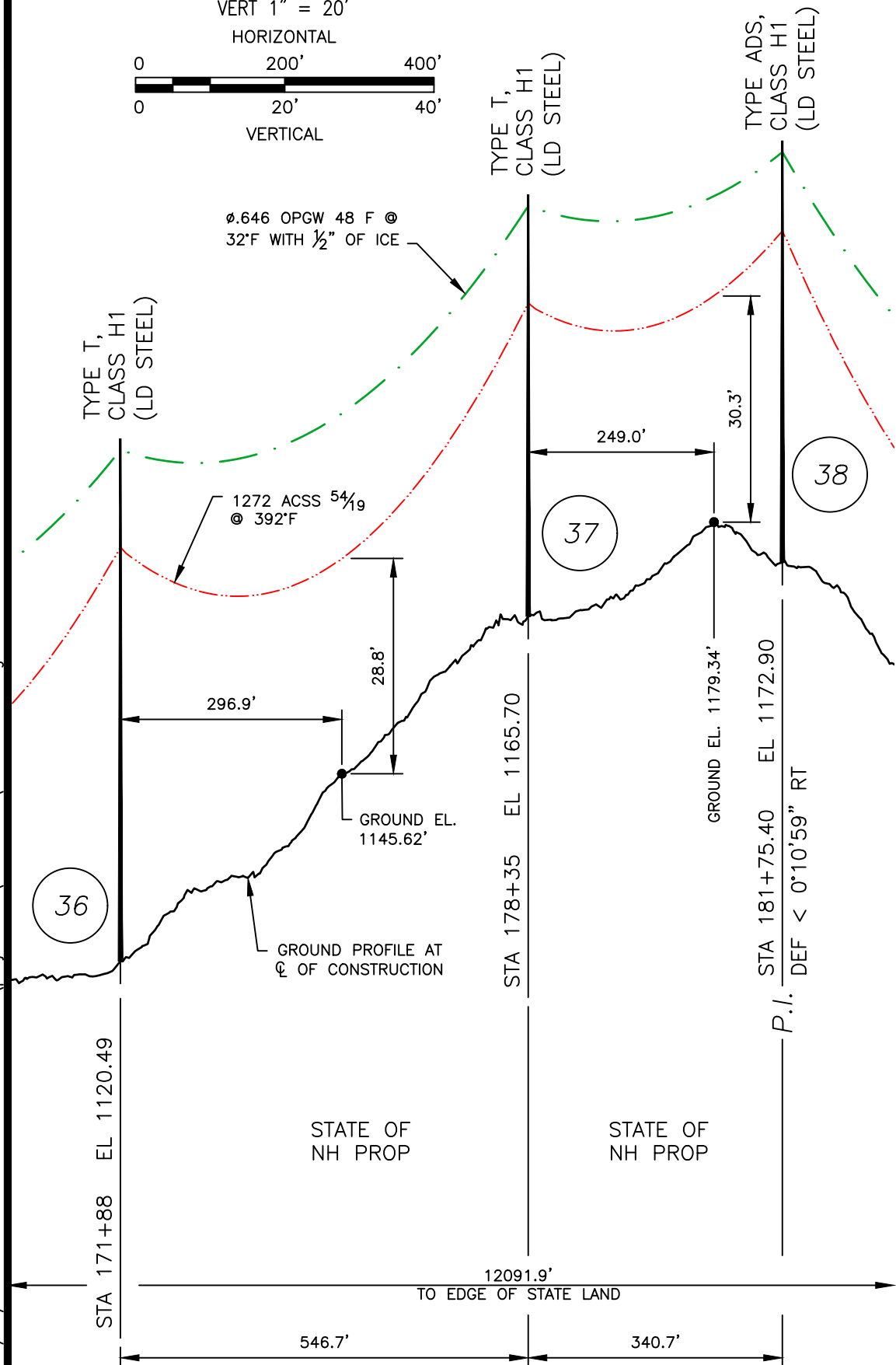
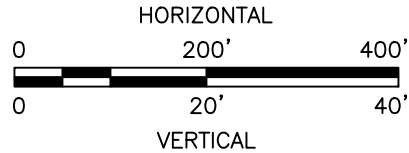
LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 10

SCALE: AS SHOWN
FILE: D14243501.DWG
DRAWING NO.: D14243501

T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	03/30/21

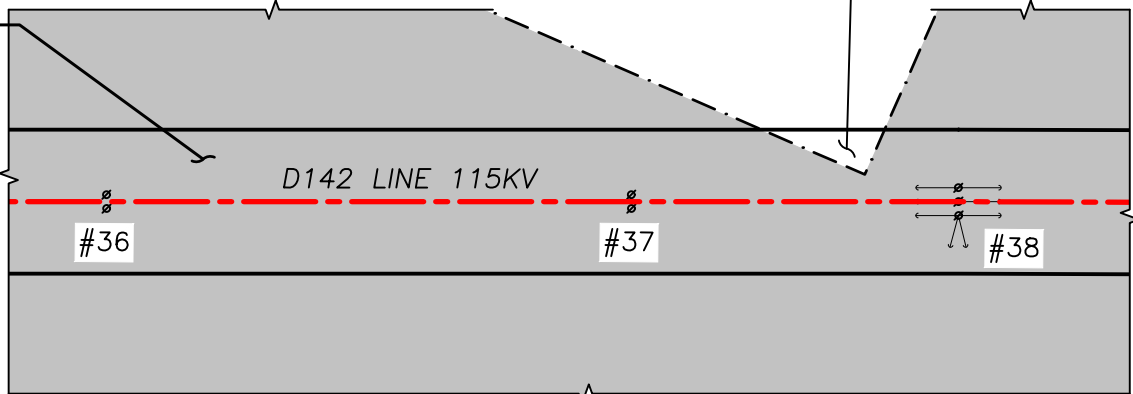
PROFILE VIEW

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



STATE OF NH
DNCR
MAP 247
LOT 007

MAP 243
LOT 014
EAA-1196

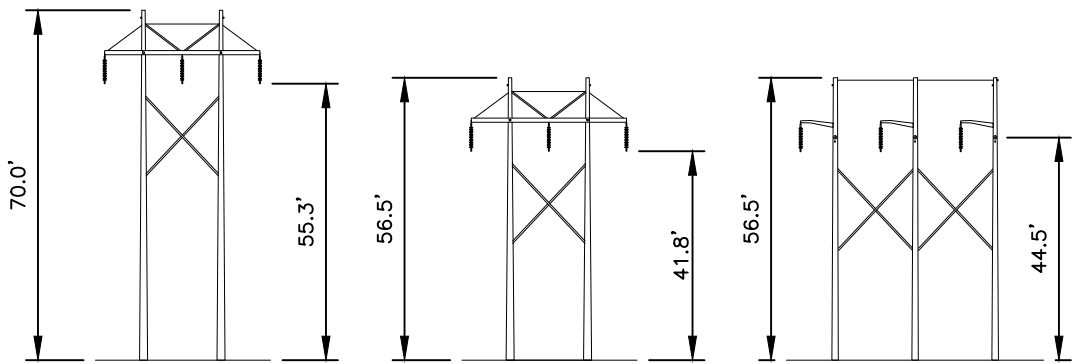


PLAN VIEW

SCALE: 1" = 200'

LEGEND:

- #38 STRUCTURE (WITH GUYS)
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- D142 LINE 115KV
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY



STRUCTURE 36
TYPE T

STR 36: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 37
TYPE T

STR 37: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 38
TYPE ADS

STR 38: IS AN EVERSOURCE
TYPE ADS, SINGLE CIRCUIT
STEEL DEADEND STRUCTURE,
HORIZONTAL CONFIG., GUYED

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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F Ø0.646 AFL 53-81/69/646	5000	0	0.5	4

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
36	-71.51549664	44.55093619
37	-71.51592705	44.54948540
38	-71.51625761	44.54858123

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

NOTES:

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

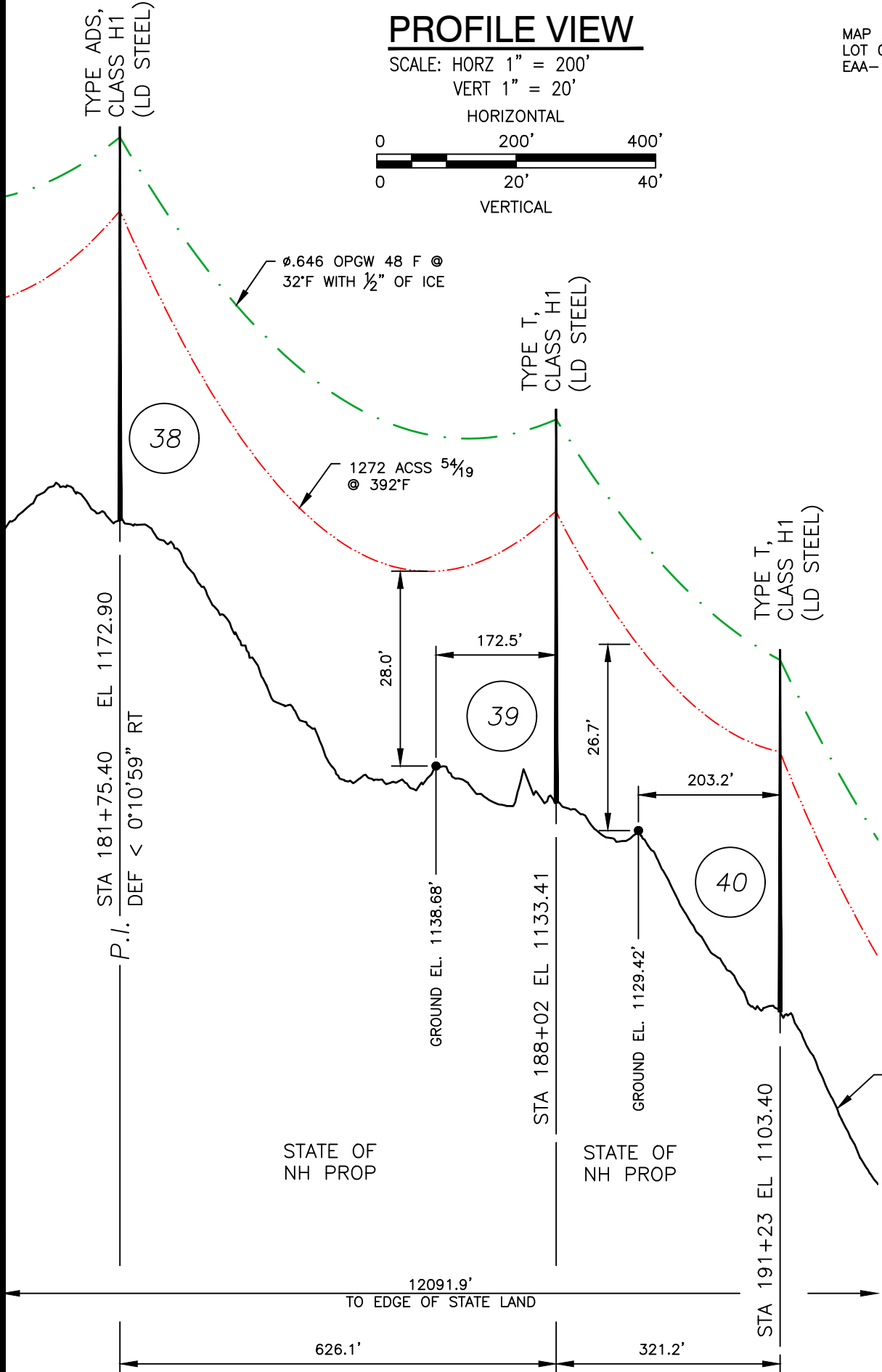
EVERSOURCE
ENERGY

LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 11

T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	03/30/21

SCALE	FILE: D14243501.DWG	DRAWING NO.
AS SHOWN	IMAGE:	D14243501

DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	JAM	SEK	BRS
1				03/21			



PROFILE VIEW

SCALE: HORZ 1" = 200'

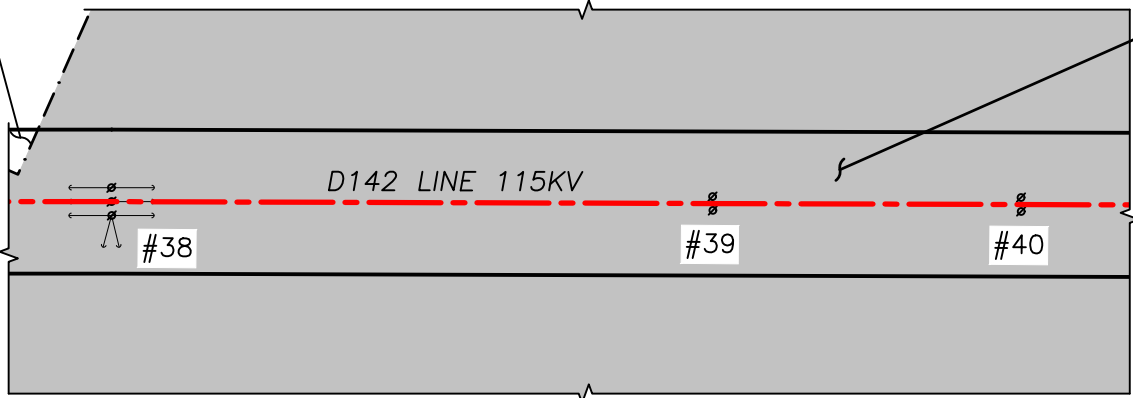
VERT 1" = 20'

HORIZONTAL

0 200' 400'

VERTICAL

0 20' 40'



PLAN VIEW

SCALE: 1" = 200'

LEGEND:

#38 STRUCTURE (WITH GUYS)

STATE OF NEW HAMPSHIRE PROPERTY

PROPERTY BOUNDARY

D142 LINE 115KV

LINE, Q OF CONSTRUCTION

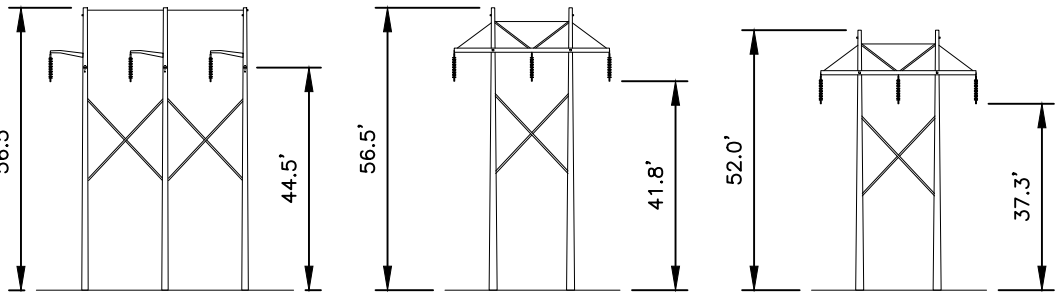
LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
38	-71.51625761	44.54858123
39	-71.51687244	44.54692107
40	-71.51718790	44.54606925

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

NOTES:

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



STRUCTURE 38
TYPE ADS

STR 38: IS AN EVERSOURCE
TYPE ADS, SINGLE CIRCUIT
STEEL DEADEND STRUCTURE,
HORIZONTAL CONFIG., GUYED

STRUCTURE 39
TYPE T

STR 39: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 40
TYPE T

STR 40: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F 0.646 AFL 53-81/69/646	5000	0	0.5	4

1	ISSUED TO PUC	03/21	JAM	SEK	BRS	
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

EVERSOURCE
ENERGY

LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 12

SCALE
AS SHOWN

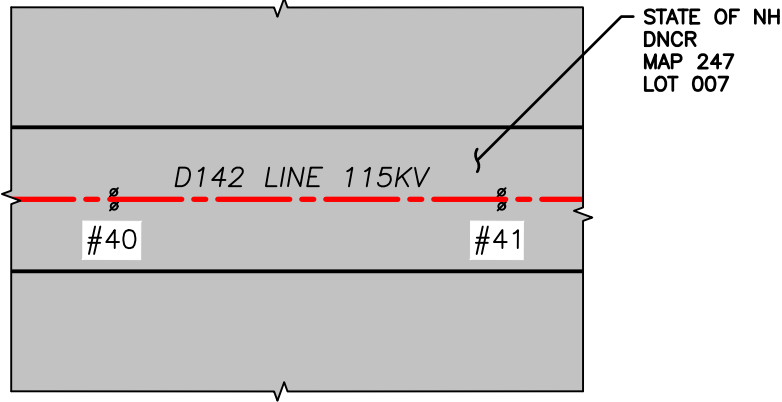
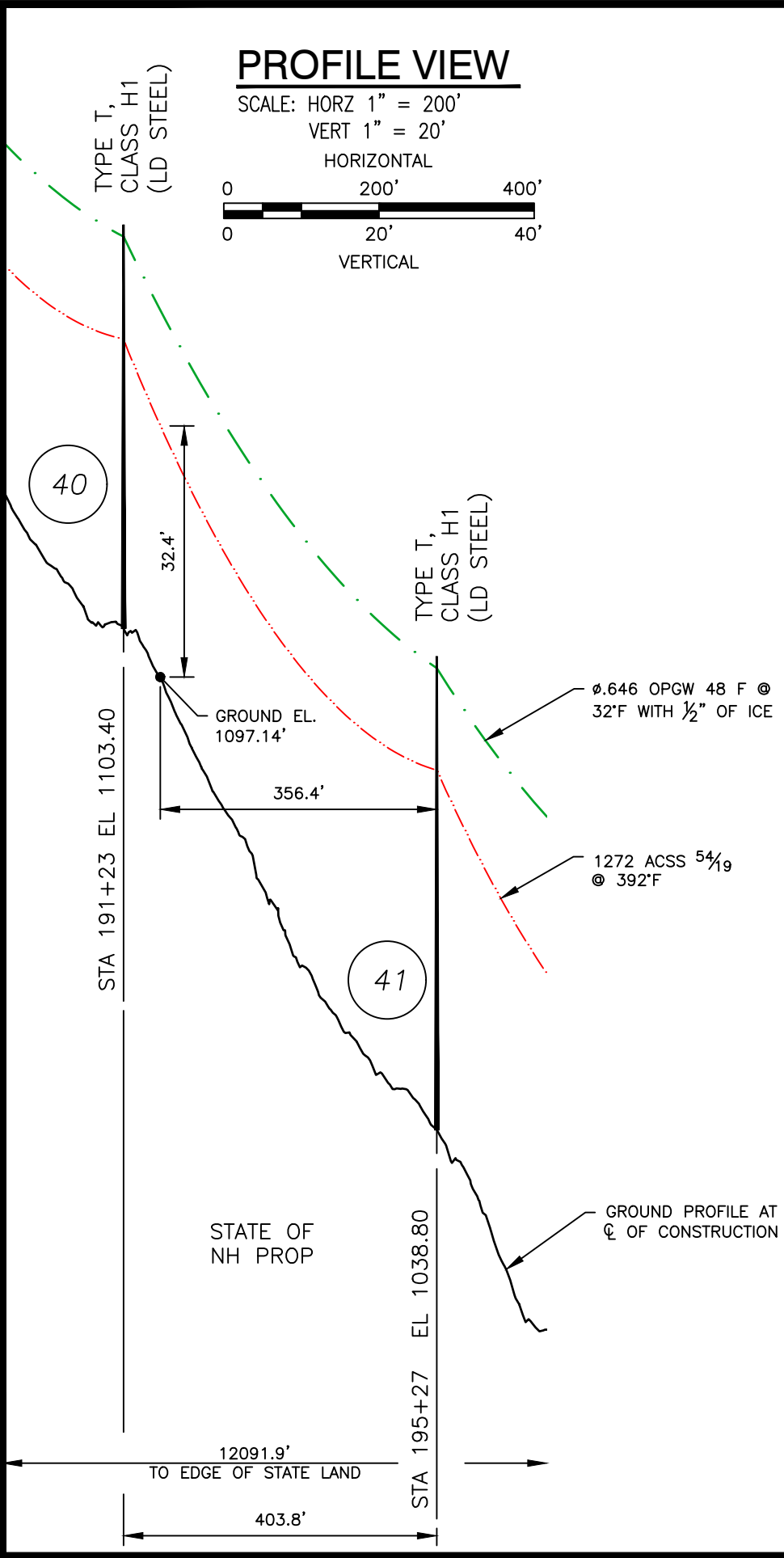
FILE: D14243501.DWG
IMAGE:

DRAWING NO.
D14243501

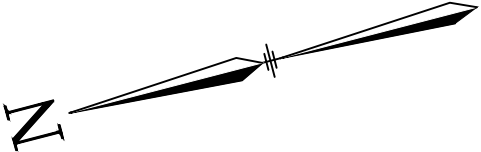
T 1
DRAWN
JAM/TRC
ENGINEER
GEL/TRC
CHECKED
SEK/TRC
APPROVED
BRS/TRC
DATE
03/30/21

ES VER: 12/2016

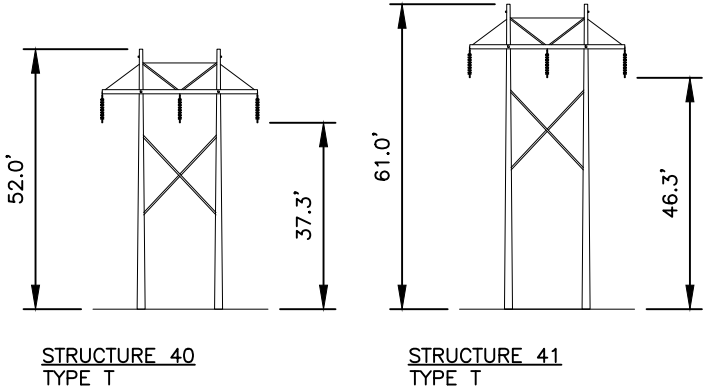
3/26/2021 8:15 AM - JAMcDonald - C:\projectwise\q2576959\D14243501.dwg - EXHIBIT 13



PLAN VIEW
SCALE: 1" = 200'



- LEGEND:**
- #40 STRUCTURE
 - STATE OF NEW HAMPSHIRE PROPERTY
 - PROPERTY BOUNDARY
 - D142 LINE 115KV
 - LINE, CL OF CONSTRUCTION
 - LIMITS OF EVERSOURCE RIGHT OF WAY



STR 40: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

STR 41: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE DETAILS
SCALE: NTS

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
40	-71.51718790	44.54606925
41	-71.51768435	44.54499867

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

- NOTES:**
- PARCEL INFORMATION PROVIDED BY NH GRANIT.
 - 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F Ø0.646 AFL S3-81/69/646	5000	0	0.5	4

1	ISSUED TO PUC		03/21	JAM	SEK	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

EVERSOURCE
ENERGY

LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 13

SCALE
AS SHOWN

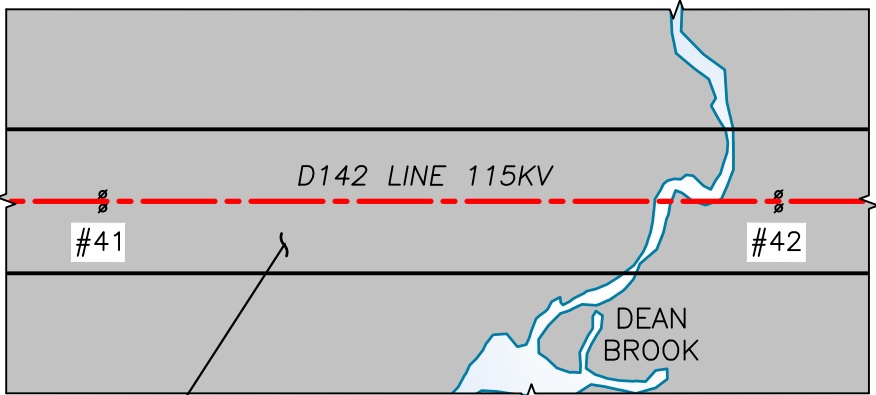
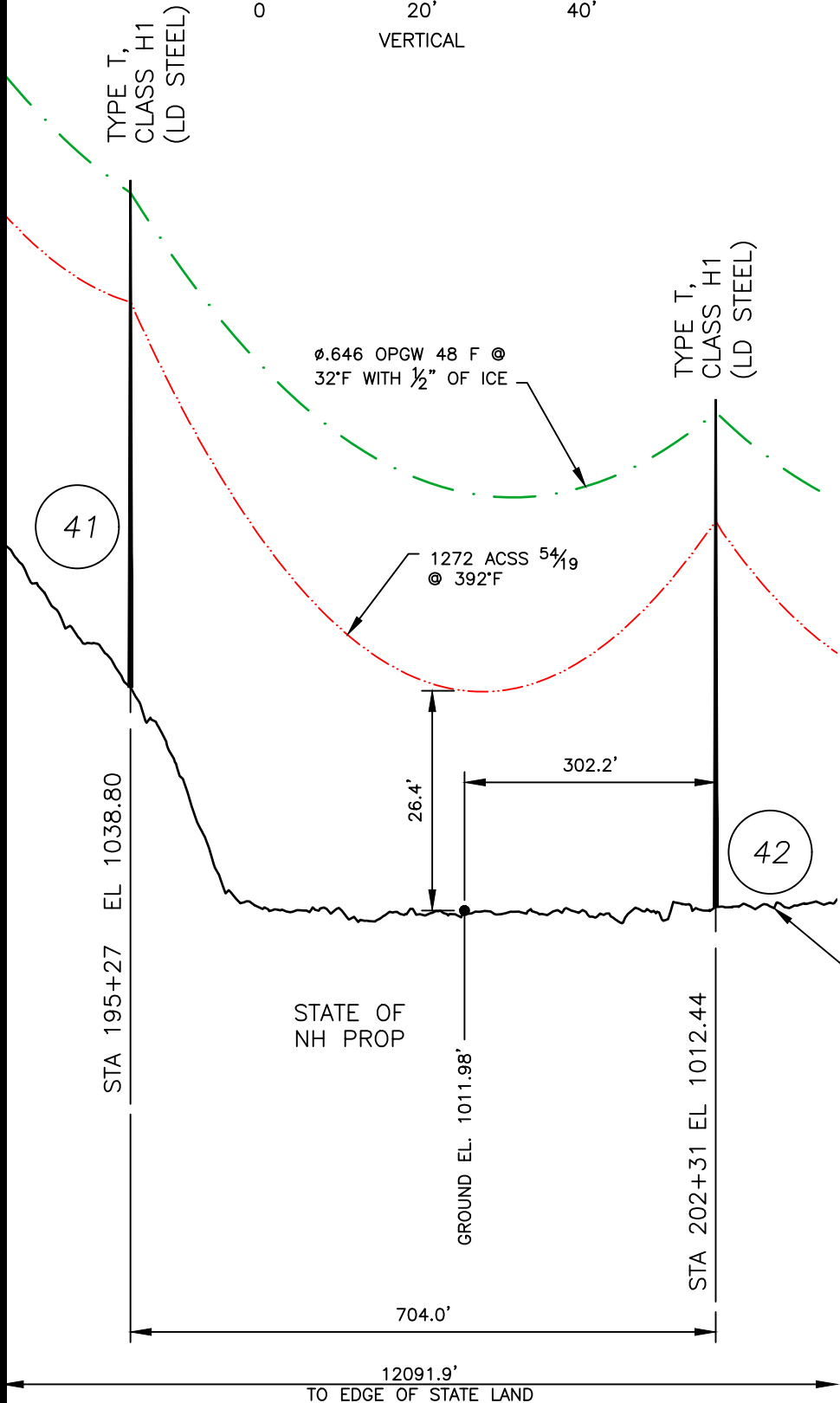
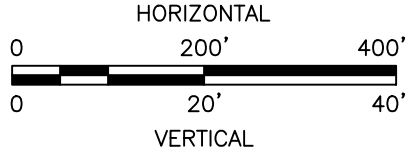
FILE: D14243501.DWG
IMAGE:

DRAWING NO.
D14243501

T	1
DRAWN JAM/TRC	
ENGINEER GEL/TRC	
CHECKED SEK/TRC	
APPROVED BRS/TRC	
DATE 03/30/21	

PROFILE VIEW

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



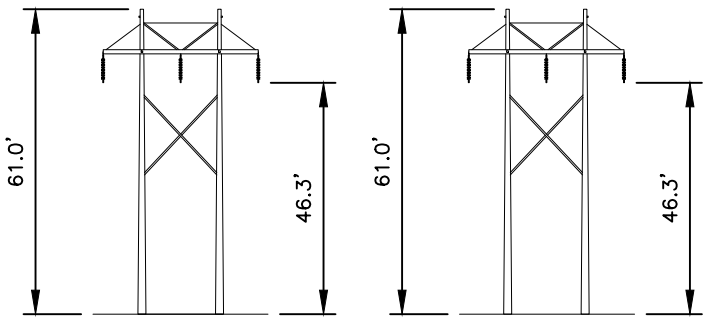
PLAN VIEW

SCALE: 1" = 200'

STATE OF NH
DNCR
MAP 247
LOT 007

LEGEND:

- #41 STRUCTURE
- STATE OF NEW HAMPSHIRE PROPERTY
- STREAM, EDGE OF RIVER/WATER
- PROPERTY BOUNDARY
- D142 LINE 115KV
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY



STRUCTURE 41
TYPE T

STR 41: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 42
TYPE T

STR 42: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F ø0.646 AFL S3-81/69/646	5000	0	0.5	4

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
41	-71.51768435	44.54499867
42	-71.51837559	44.54313194

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

NOTES:

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

1	ISSUED TO PUC	03/21	JAM	SEK	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD

EVERSOURCE
ENERGY

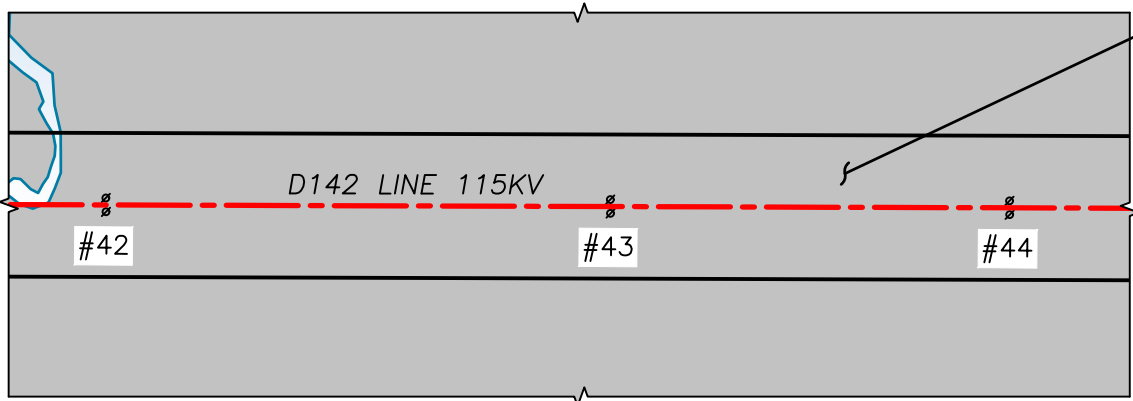
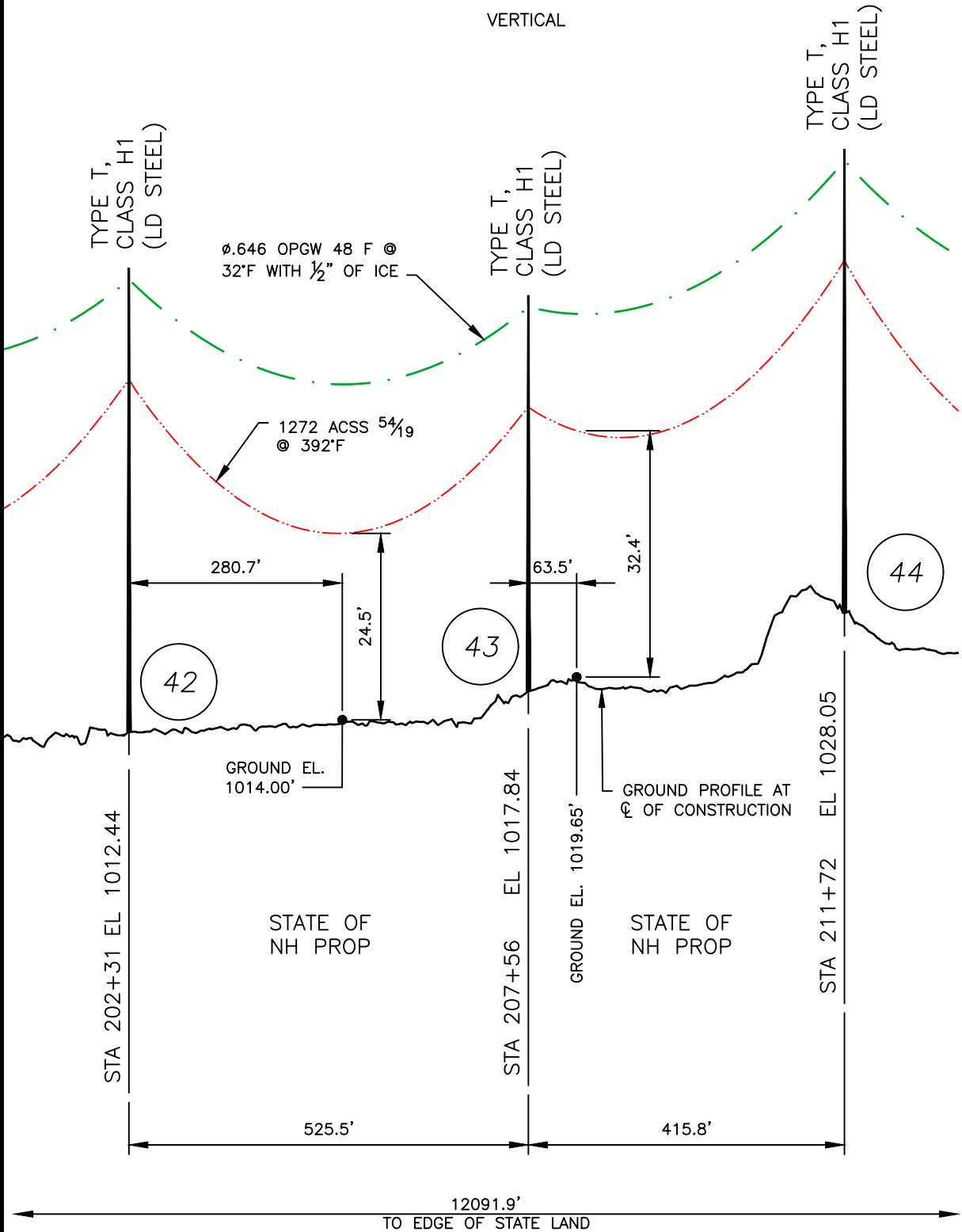
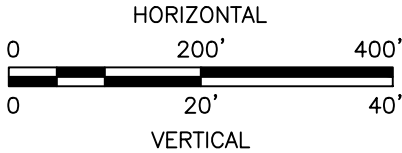
LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 14

T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	03/30/21

SCALE AS SHOWN	FILE: D14243501.DWG IMAGE:	DRAWING NO. D14243501
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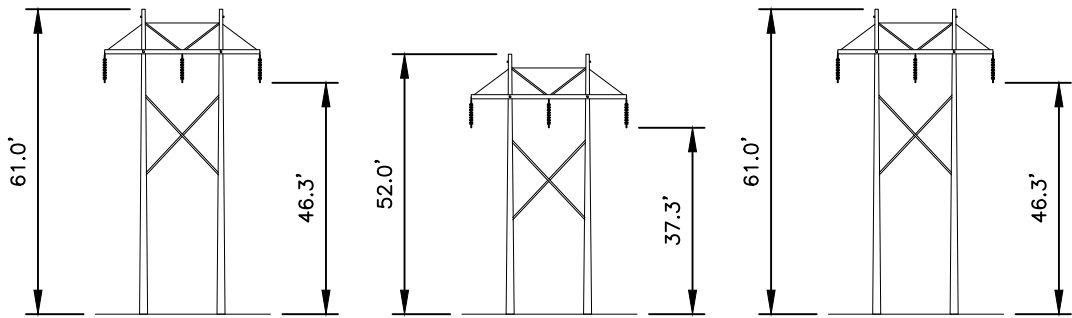
PROFILE VIEW

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



PLAN VIEW

SCALE: 1" = 200'



STRUCTURE 42
TYPE T

STR 42: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 43
TYPE T

STR 43: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 44
TYPE T

STR 44: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F Ø0.646 AFL 53-81/69/646	5000	0	0.5	4

1	ISSUED TO PUC		03/21	JAM	SEK	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

LEGEND:

#42 STRUCTURE

STATE OF NEW HAMPSHIRE PROPERTY

PROPERTY BOUNDARY
D142 LINE 115KV
LINE, Q OF CONSTRUCTION
LIMITS OF EVERSOURCE RIGHT OF WAY

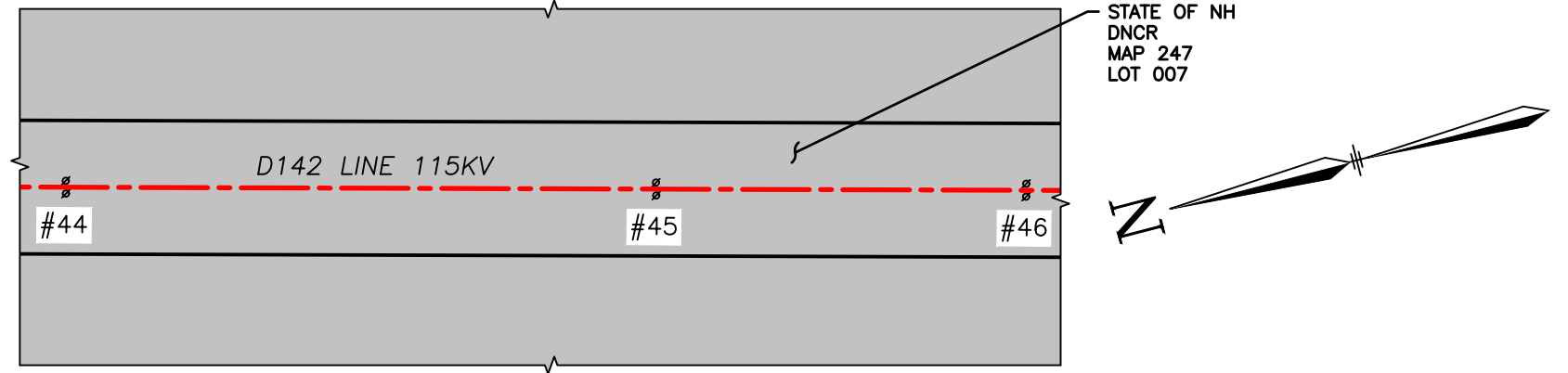
STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
42	-71.51837559	44.54313194
43	-71.51889153	44.54172854
44	-71.51929971	44.54063612

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

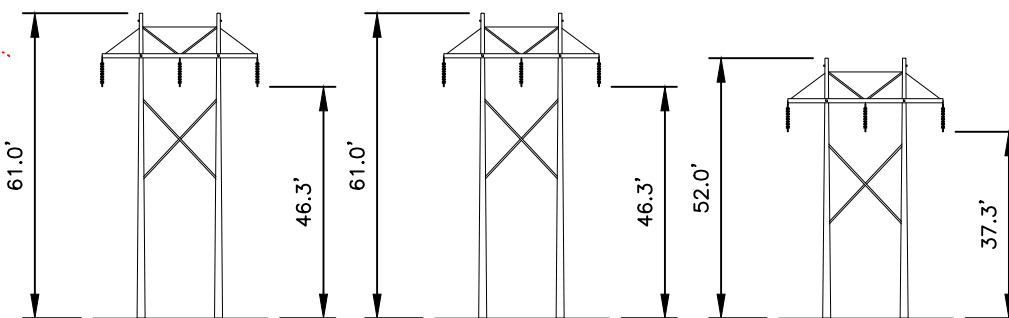
NOTES:

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

EVERSOURCE ENERGY		T	1
		DRAWN	JAM/TRC
		ENGINEER	GEL/TRC
		CHECKED	SEK/TRC
LINE D142, 115kV LINE STATE OWNED LAND CROSSING NORTHUMBERLAND, NEW HAMPSHIRE EXHIBIT 15		APPROVED	BRS/TRC
		DATE	03/30/21
SCALE AS SHOWN	FILE: D14243501.DWG IMAGE:	DRAWING NO. D14243501	



SCALE: 1" = 200'



STR 46: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

SCALE: NTS

CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
CONDUCTOR	3	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F Ø0.646 AFL S3-81/69/646	5000	0	0.5	4

1	ISSUED TO PUC		03/21	JAM	SEK	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

LEGEND:

- 
 STATE OF NEW HAMPSHIRE PROPERTY
- _____ PROPERTY BOUNDARY
- D142 LINE 115KV
- _____ LINE, ½ OF CONSTRUCTION
- _____ LIMITS OF EVERSOURCE
 RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
44	-71.51929971	44.54063612
45	-71.51994986	44.53888009
46	-71.52035751	44.53777901

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

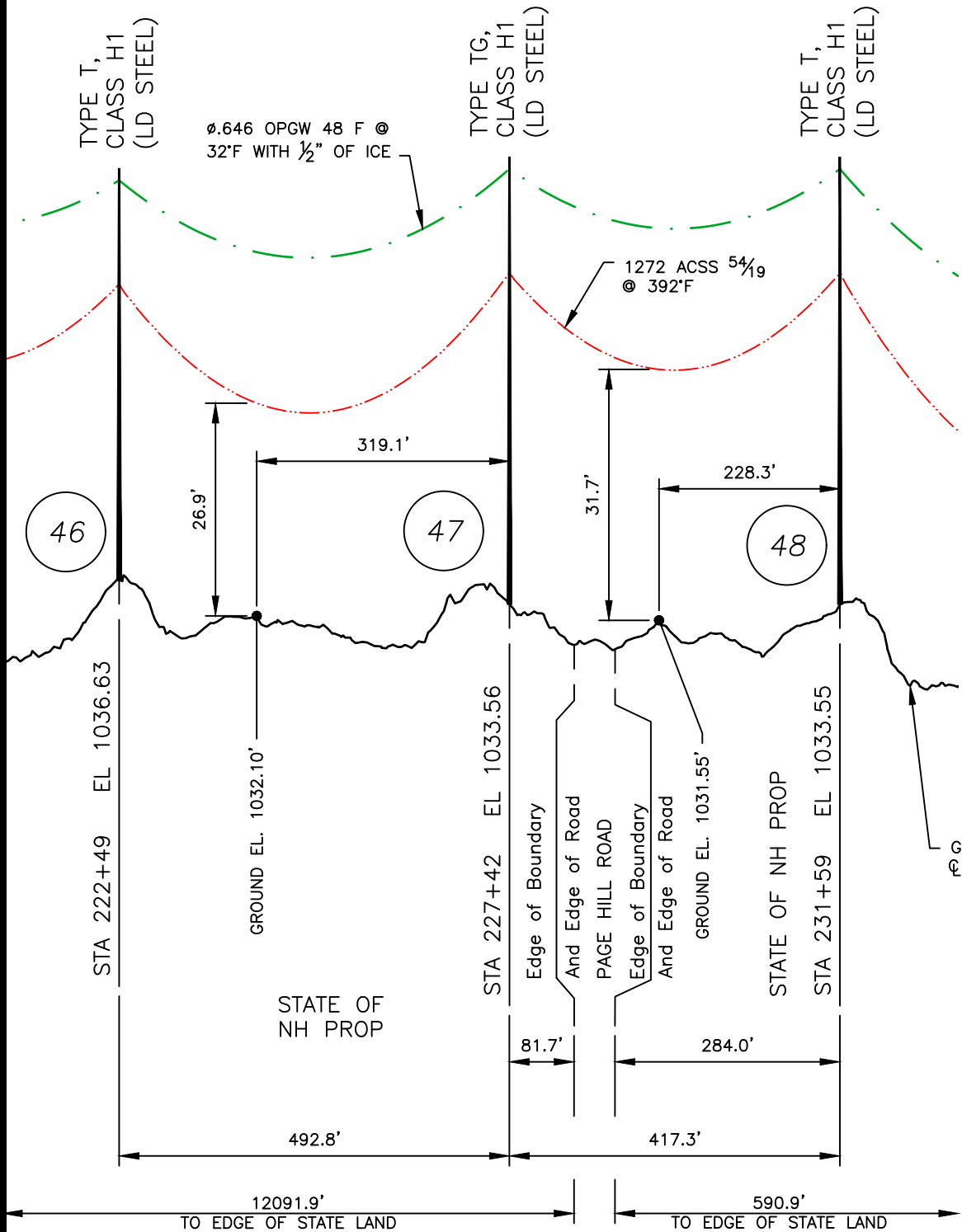
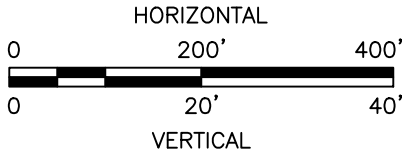
NOTES:

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

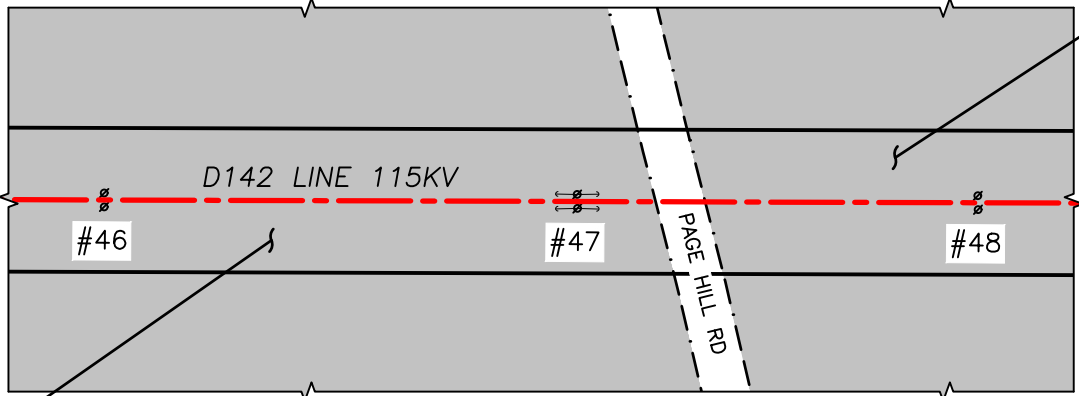
		T	1
		DRAWN JAM/TRC	
LINE D142, 115kV LINE STATE OWNED LAND CROSSING NORTHUMBERLAND, NEW HAMPSHIRE EXHIBIT 16		ENGINEER GEL/TRC	
		CHECKED SEK/TRC	
		APPROVED BRS/TRC	
		DATE 03/30/21	
SCALE AS SHOWN	FILE: D14243501.DWG IMAGE:	DRAWING NO. D14243501	

PROFILE VIEW

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



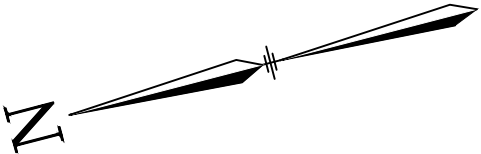
STATE OF NH
DNCR
MAP 247
LOT 007



PLAN VIEW

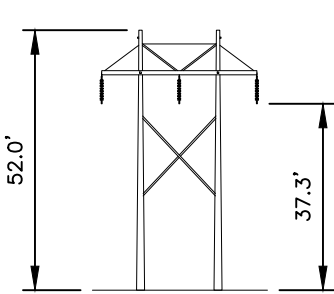
SCALE: 1" = 200'

STATE OF NH
DNCR
MAP 247
LOT 001
EAA-1199

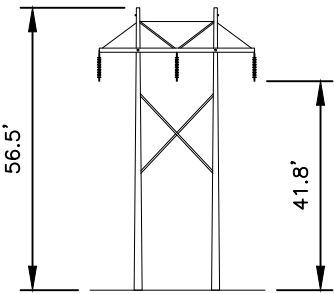


LEGEND:

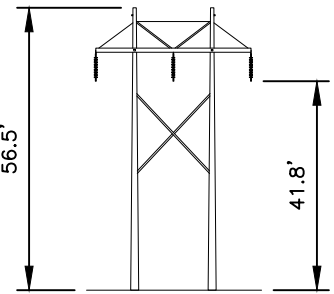
- #47 STRUCTURE (WITH GUYS)
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- D142 LINE 115KV
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY



STRUCTURE 46
TYPE T
STR 46: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.



STRUCTURE 47
TYPE TG
STR 47: IS AN EVERSOURCE TYPE TG, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG., GUYED



STRUCTURE 48
TYPE T
STR 48: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F Ø0.646 AFL 53-81/69/646	5000	0	0.5	4

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
46	-71.52035751	44.53777901
47	-71.52084121	44.53647242
48	-71.52125078	44.53536603

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

NOTES:

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

EVERSOURCE
ENERGY

LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 17

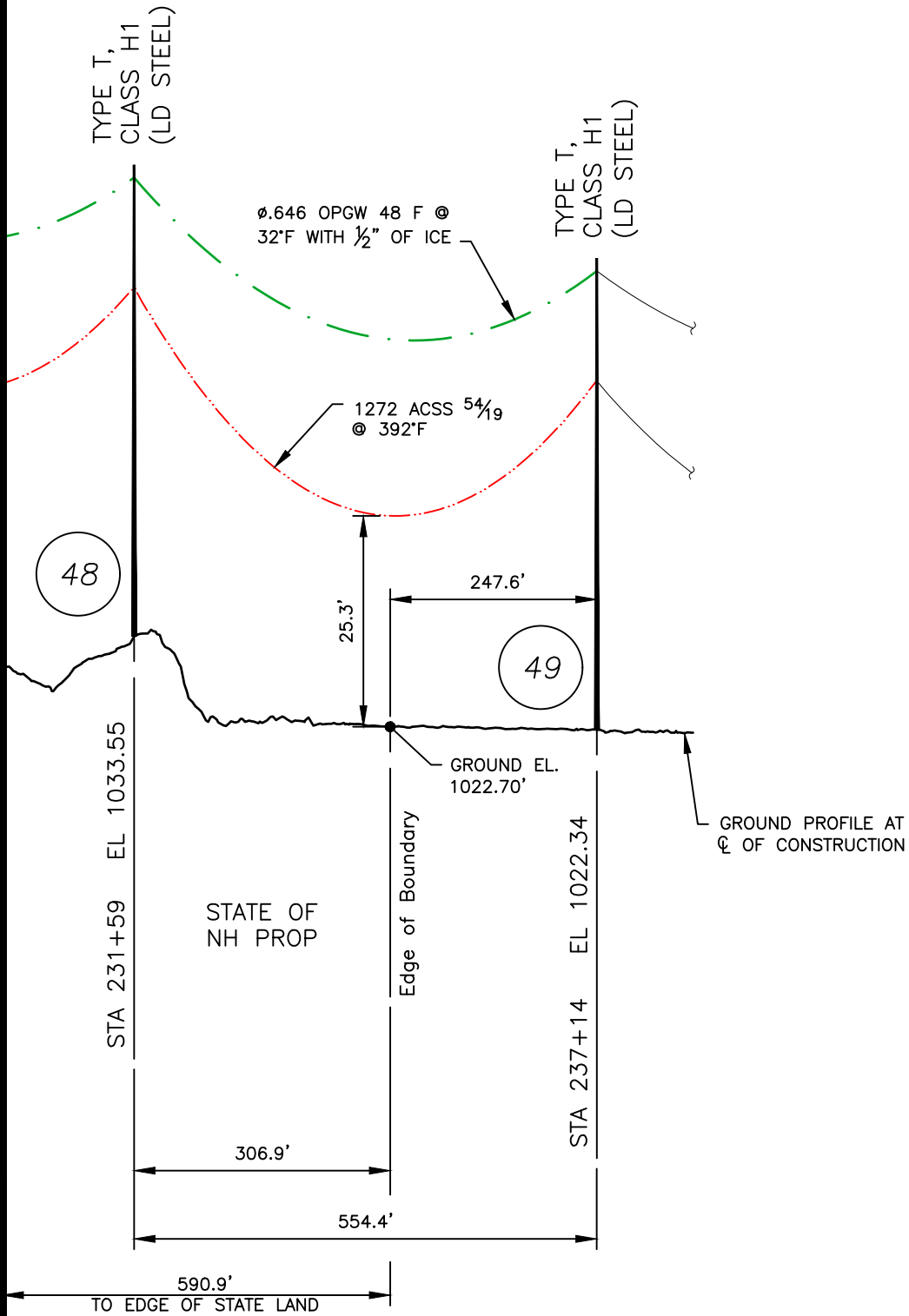
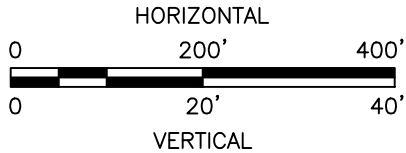
T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	03/30/21

SCALE	FILE: D14243501.DWG	DRAWING NO.
AS SHOWN	IMAGE:	D14243501

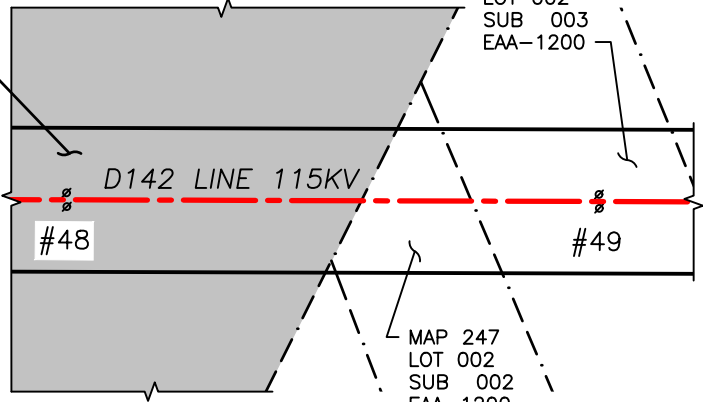
DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	JAM	SEK	BRS
1				03/21				

PROFILE VIEW

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

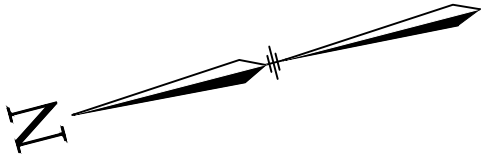


STATE OF NH
DNCR
MAP 247
LOT 001
EAA-1199



PLAN VIEW

SCALE: 1" = 200'



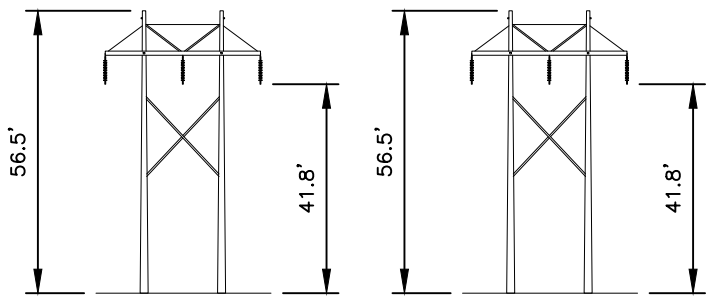
LEGEND:

#48 STRUCTURE

STATE OF NEW HAMPSHIRE PROPERTY

PROPERTY BOUNDARY

D142 LINE 115KV
LINE, CL OF CONSTRUCTION
LIMITS OF EVERSOURCE
RIGHT OF WAY



STRUCTURE 48
TYPE T

STR 48: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL CONFIG.

STRUCTURE 49
TYPE T

STR 49: IS AN EVERSOURCE
TYPE T, SINGLE CIRCUIT
STEEL TANGENT STRUCTURE,
HORIZONTAL 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F 0.646 AFL 53-81/69/646	5000	0	0.5	4

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
48	-71.52125078	44.53536603
49	-71.52179506	44.53389570

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

NOTES:

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

EVERSOURCE
ENERGY

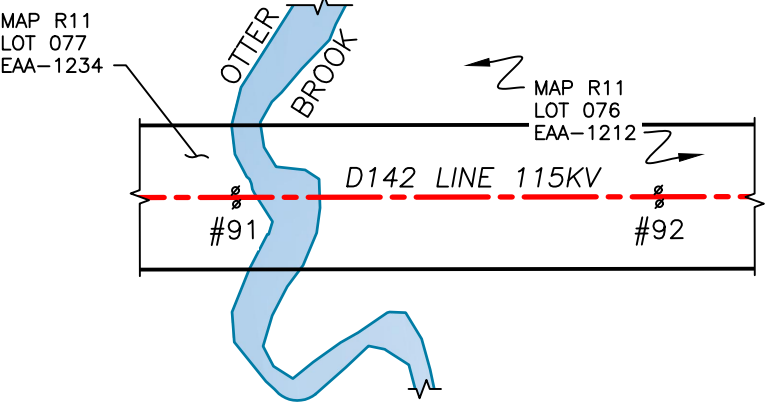
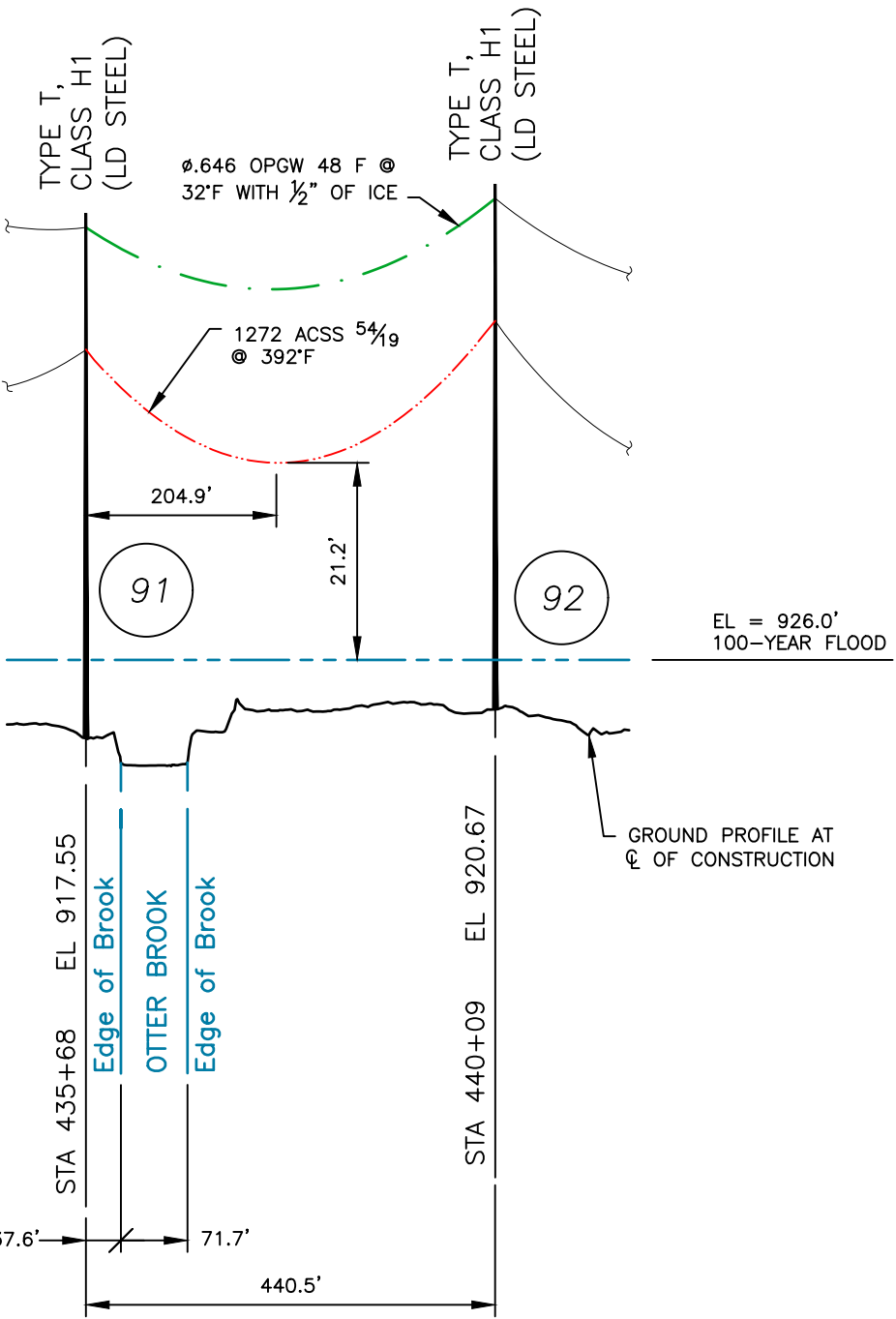
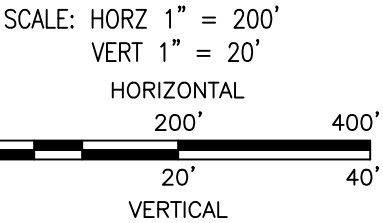
LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
NORTHUMBERLAND, NEW HAMPSHIRE
EXHIBIT 18

T	1
DRAWN	JAM/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	03/30/21

SCALE	FILE: D14243501.DWG	DRAWING NO.
AS SHOWN	IMAGE:	D14243501

DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	JAM	SEK	BRS
1				03/21				

PROFILE VIEW

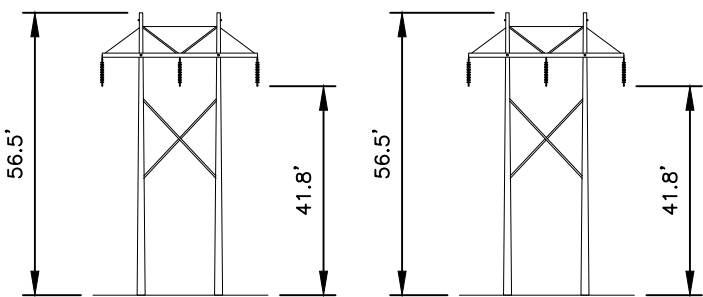


PLAN VIEW

SCALE: 1" = 200'

LEGEND:

- #91 STRUCTURE
- STREAM, EDGE OF RIVER/WATER
- PROPERTY BOUNDARY
- D142 LINE 115KV
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY



STRUCTURE 91
TYPE T
STR 91: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 92
TYPE T
STR 92: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL 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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F 0.646 AFL 53-81/69/646	5500	0	0.5	4

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
91	-71.54119127	44.48124092
92	-71.54145057	44.48004696

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
WATER AREAS NOT SUITABLE FOR SAIL BOATING OR WHERE SAIL BOATING IS PROHIBITED	18.6

NOTES:

- PARCEL INFORMATION PROVIDED BY NH GRANIT.
- ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
- 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 01/16/2020.

EVERSOURCE
ENERGY

LINE D142, 115kV LINE
OTTER BROOK, PUBLIC WATER CROSSING
LANCASTER, NEW HAMPSHIRE
EXHIBIT 19

T
DRAWN
JAM/TRC

ENGINEER
GEL/TRC

CHECKED
SEK/TRC

APPROVED
BRS/TRC

DATE
03/30/21

SCALE
AS SHOWN

FILE: D14243901.DWG
IMAGE:

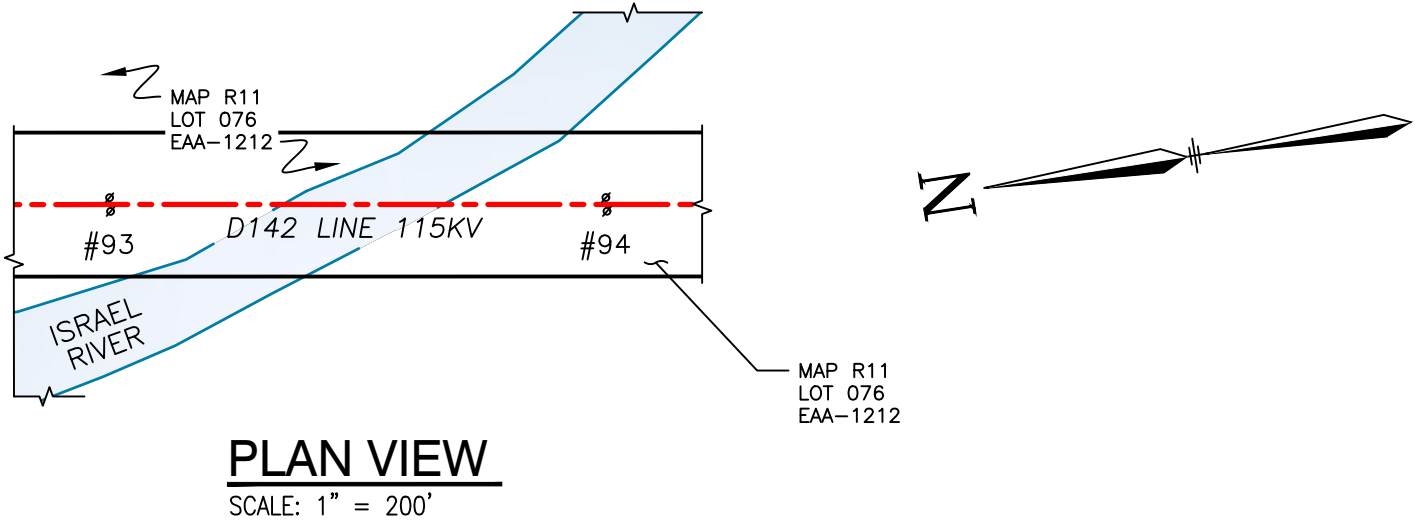
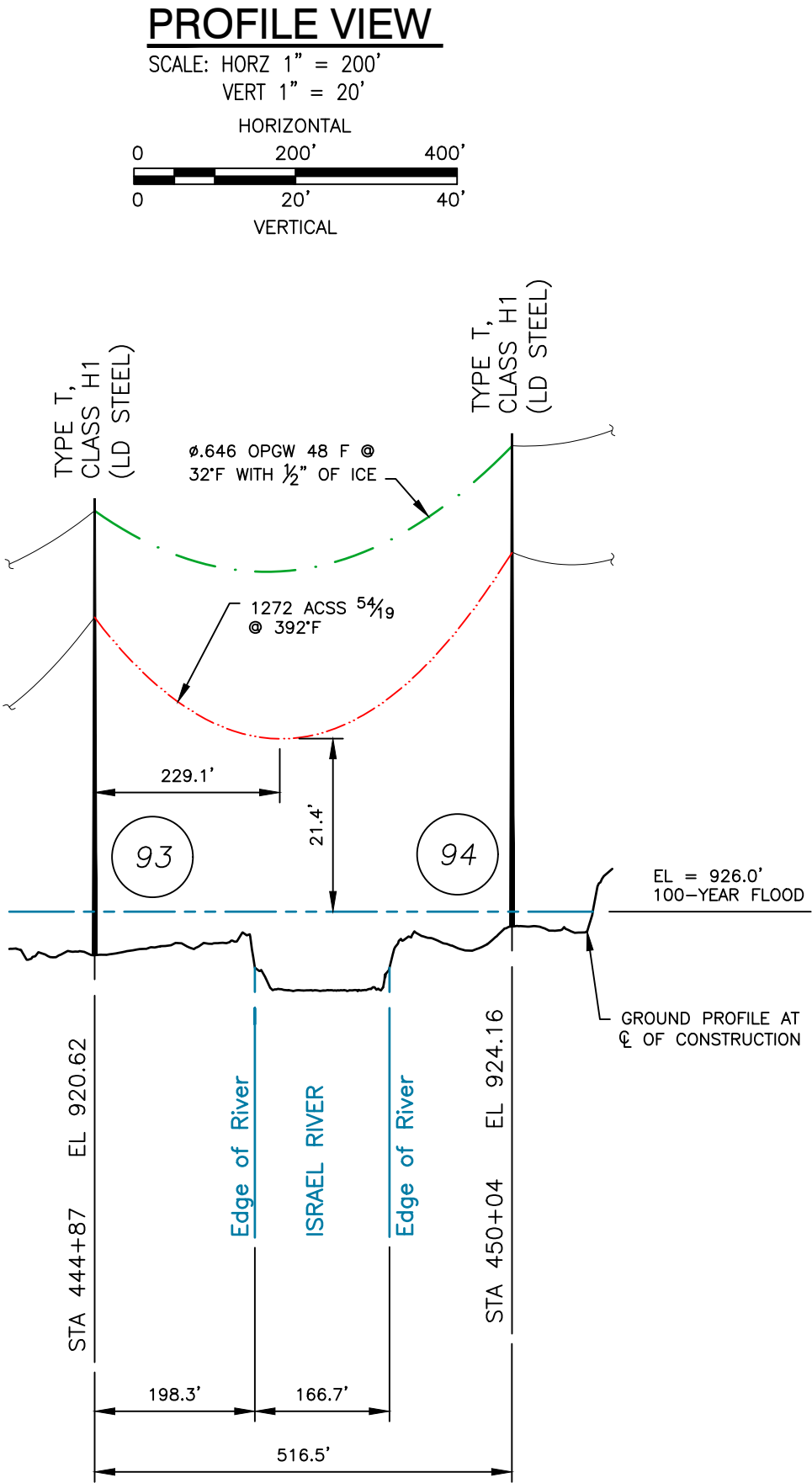
DRAWING NO.
D14243901

DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	ISSUED TO PUC		03/21	JAM	SEK	BRS

Exhibit 21. Structure Table
Line D142, 115kV Line State Land and Public Waterbody Crossing
Northumberland and Lancaster, New Hampshire

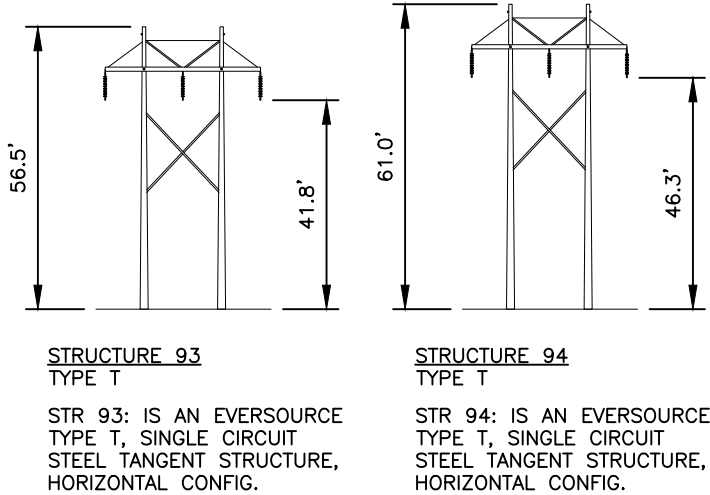
Eversource D142 Line Rebuild - PUC State Land and Waterbody Crossings			
Existing Structure #	New Structure #	Structure Move (ft)*	Height Change
Cape Horn State Park - DNCR			
325	23	10	10
326	24	10	15
327	25	10	10
328	26	20	20
329	27	10	15
330	28	30	15
331	29	10	15
332	30	20	20
333	31	6	25
334	32	10	20
335	33	80	15
336	34	10	25
337	35	80	30
338	36	291	30
339 (Permanently Removed)			
340	37	30	15
341	38	0	5
342	39	10	15
343	40	10	10
344	41	30	5
345	42	40	20
346	43	120	10
347	44	50	10
348	45	10	10
349	46	10	10
350	47	15	10
351	48	20	15
352	49	10	15
Otter Brook Waterbody Crossing			
396	91	30	10
397	92	10	10
Israel Waterbody Crossing			
398	93	10	10
399	94	10	10

* - Structures move in both direction along the existing alignment



LEGEND:

- #93 STRUCTURE
- STREAM, EDGE OF RIVER/WATER
- PROPERTY BOUNDARY
- D142 LINE 115KV
- LINE, CL OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY



STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
93	-71.54173237	44.47874933
94	-71.54203667	44.47734802

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
WATER AREAS NOT SUITABLE FOR SAIL BOATING OR WHERE SAIL BOATING IS PROHIBITED	18.6

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	ACSS, 1272 kcmil 54/19, PHEASANT	9500	0	0.5	4
OPGW	2	48F 0.646 AFL S3-81/69/646	5500	0	0.5	4

- #### NOTES:
- PARCEL INFORMATION PROVIDED BY NH GRANIT.
 - ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
 - 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 01/16/2020.

1	ISSUED TO PUC		03/21	JAM	SEK	BRS
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

EVERSOURCE ENERGY

LINE D142, 115kV LINE
ISRAEL RIVER, PUBLIC WATER CROSSING
LANCASTER, NEW HAMPSHIRE
EXHIBIT 20

SCALE AS SHOWN	FILE: D14243902.DWG IMAGE:	DRAWING NO. D14243902
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T	1
DRAWN JAM/TRC	
ENGINEER GEL/TRC	
CHECKED SEK/TRC	
APPROVED BRS/TRC	
DATE 03/30/21	