

APPENDIX 1

D-24581

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

Petition for a license to construct and maintain transmission lines over and across the public waters of the Connecticut River and the Sugar River in the City of Claremont.

..00..

O R D E R N O. 8696

WHEREAS, by petition filed July 11, 1967, Public Service Company of New Hampshire, an electric public utility operating under the jurisdiction of this Commission, seeks a license, pursuant to g. 21, Laws of 1967, to construct and maintain an electric transmission line over and across the Connecticut River and the Sugar River in the City of Claremont; and

WHEREAS, the petitioner represents that the proposed construction will cross approximately seven hundred thirty (730) feet of the Connecticut River, and approximately one hundred fifty (150) feet of the Sugar River, and will connect the petitioner's electric system with that of the Vermont Electric Power Company, Inc.; and

WHEREAS, following due notice, no other interested party has offered objection to the proposed construction, and, upon investigation and consideration, this Commission finds that the proposed construction is necessary in order to meet the reasonable requirements of service to the public, and that the licenses sought herein may be exercised without substantially affecting the public rights in the waters crossed; it is

ORDERED, that a license be, and hereby is, granted to the Public Service Company of New Hampshire to construct and maintain a 115 KV transmission line across approximately seven hundred thirty (730) feet of the

Connecticut River, approximately .55 mile south of the confluence of the Connecticut and Sugar Rivers, in the City of Claremont, in accordance with a plan submitted with said petition and on file in the office of this Commission; and it is

FURTHER ORDERED, that a license be, and hereby is, granted to Public Service Company of New Hampshire to construct and maintain a 115 KV transmission line across approximately one hundred fifty (150) feet of the Sugar River, at a location approximately .65 mile southeast of the confluence of the Connecticut and Sugar Rivers, in accordance with a plan submitted with the petition, and on file in the office of this Commission.

By order of the Public Utilities Commission of New Hampshire
this nineteenth day of July, 1967


secretary

PUBLIC SERVICE
Company of New Hampshire



July 7, 1967

The State of New Hampshire
Public Utilities Commission
State House Annex
Concord, New Hampshire

Attention: Mr. James W. Deon, Secretary

Re: Water Crossings, Connecticut River and
Sugar River, Claremont, N. H.

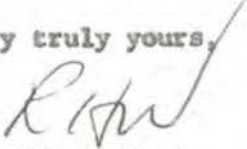
Gentlemen:

Enclosed in quadruplicate is a petition by Public Service Company of New Hampshire for a license under RSA 371:17 to construct a 115 KV electric transmission line over and across the waters of the Connecticut River and the Sugar River in Claremont, N. H., to connect our system with that of Vermont Electric Power Company. This is the line which the Commission gave us the right to construct in Claremont by Order No. 8599 dated October 26, 1966.

We propose to locate these lines directly north of existing lines of Vermont Electric Power Company and Central Vermont Public Service Corporation.

We respectfully request that these licenses be granted without the necessity of a hearing, pursuant to RSA 371:20, as amended by 1967 Session Laws, Chapter 21.

Very truly yours,


Ralph H. Wood
Attorney

RHW:LD
Enc. (4)

bcc: R. W. Hunt
Legal File ✓

THE STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

Petition of Public Service Company of New Hampshire under RSA 371:17 for licenses to construct and maintain an electric transmission line over and across the Connecticut River and the Sugar River, in the City of Claremont, New Hampshire.

TO THE PUBLIC UTILITIES COMMISSION:

Public Service Company of New Hampshire, a corporation duly organized and existing under the laws of The State of New Hampshire and engaged in the generation, transmission, and sale of electric energy in said State (hereinafter called the Petitioner), respectfully represents as follows:

(1) That in order to meet the reasonable requirements of service to the public it is necessary for the Petitioner to construct an electric transmission line or lines over and across the Connecticut River and the Sugar River, both in the City of Claremont, New Hampshire.

(2) That the two proposed water crossings are on the 115 KV line which will connect the Petitioner's system with the system of Vermont Electric Power Company, Inc, and which, by Order No. 8599 dated October 26, 1966, the Commission granted the Petitioner permission to construct in the City of Claremont.

(3) That the Petitioner proposes to erect the line across the Connecticut River at a location approximately .55 mile south of the confluence of the Connecticut and Sugar Rivers as shown on a print of a U.S.G.S. map entitled "Proposed 115 KV. Water Crossing Connecticut River Claremont, N.H. Weathersfield, Vt. May, 1967" attached hereto as Exhibit 1. The proposed construction is shown on a plan entitled "115 KV Line Crossing Connecticut River Claremont, N. H.-Weathersfield, Vt. D-7649-67" attached hereto as

Exhibit 2.

(4) That the Petitioner proposes to erect the line across the Sugar River at a location approximately .65 mile southeast of the confluence of the Connecticut and Sugar Rivers as shown on a print of a U.S.G.S. map entitled "Proposed 115 KV. Water Crossing Sugar River Claremont, N. H. May, 1967" attached hereto as Exhibit 3. The proposed construction is shown on a plan entitled "115 KV Line Crossing Sugar River Claremont, N. H. D-7649-68" attached hereto as Exhibit 4.

(5) That the lines and supporting structures on the banks of the Sugar River and on the east bank of the Connecticut River will be erected and maintained by the Petitioner pursuant to existing easements to be assigned to the Petitioner by Vermont Electric Power Company, Inc. The lines and supporting structures located on the west bank of the Connecticut River, in the State of Vermont, will be owned by Vermont Electric Power Company, Inc.

(6) That the width of the Connecticut River at the location of the proposed crossing is approximately 730 feet and the width of the Sugar River at the location of the proposed crossing is approximately 150 feet.

(7) That the Petitioner believes, and therefore avers, that the licenses hereby petitioned for may be exercised without substantially affecting the public rights in said waters.

WHEREFORE, the Petitioner prays:

(a) That the Commission find that the licenses petitioned for may be exercised without substantially affecting the public rights in the Connecticut River and the Sugar River; and

(b) That the Commission render judgment granting the Petitioner licenses to construct and maintain said crossings.

Dated at Manchester this 7th day of July, 1967.

Respectfully submitted,

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

By s/ Ralph H. Wood
Ralph H. Wood, Attorney

LEGEND

- WIRE CROSSING
- SUNAPEE-ASCUTNEY 115 KV. LINE

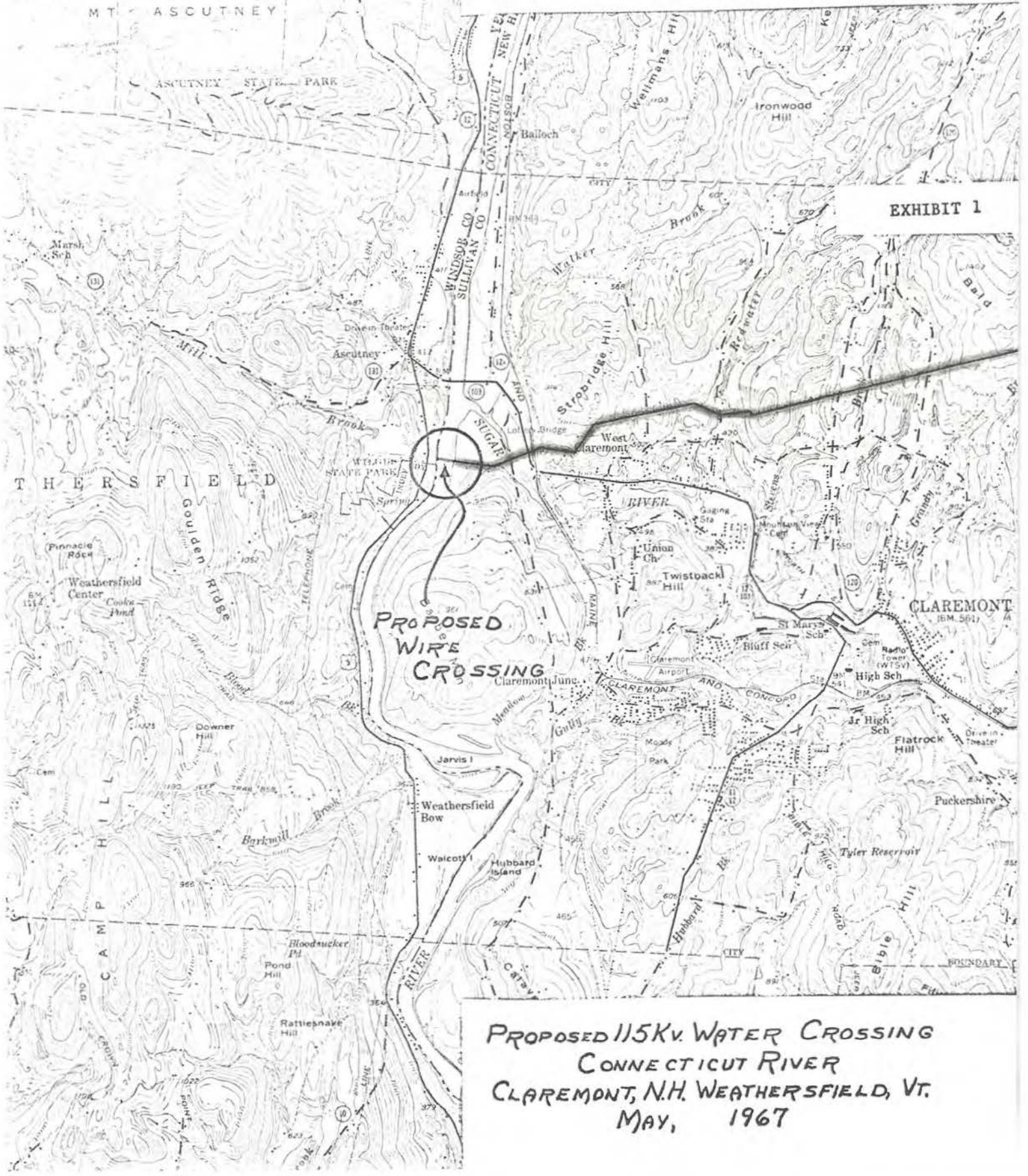


EXHIBIT 1

PROPOSED
WIRE
CROSSING

PROPOSED 115KV. WATER CROSSING
CONNECTICUT RIVER
CLAREMONT, N.H. WEATHERSFIELD, VT.
MAY, 1967

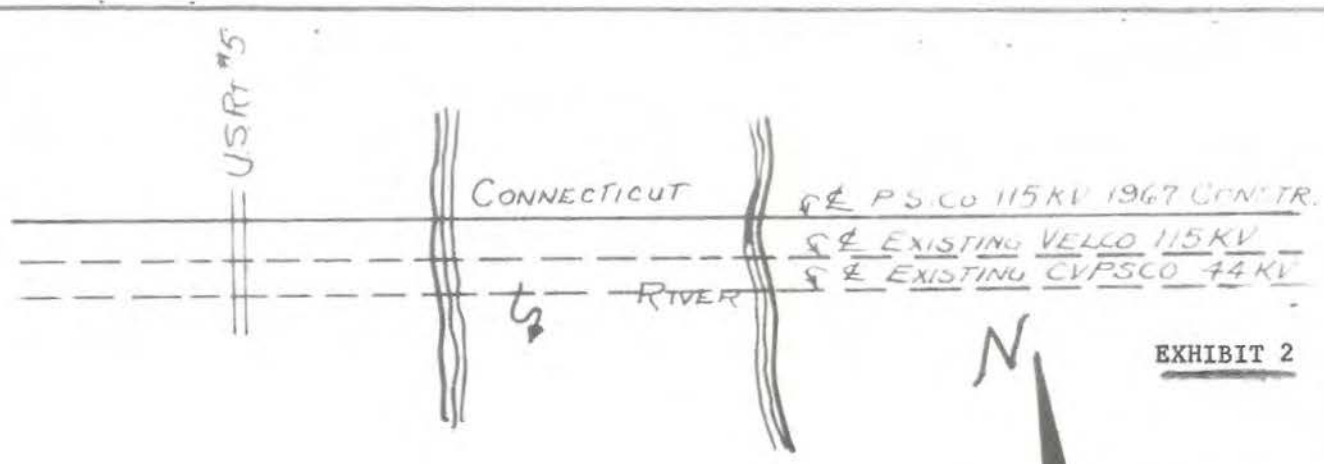
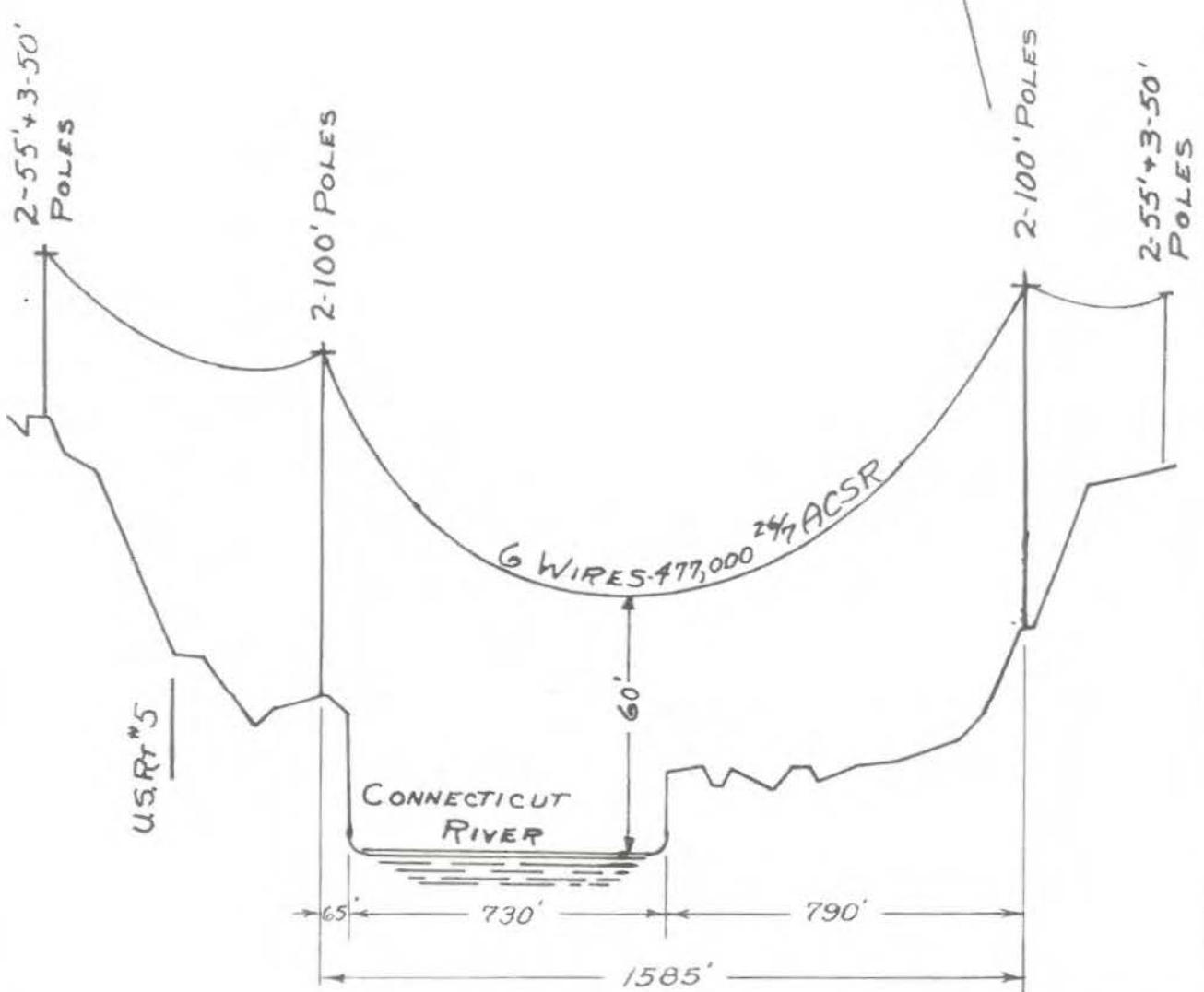


EXHIBIT 2



DES.	NO.	REVISION	DATE	BY
DR. WRL	1			
TR.	2			
CK.	3			
APPR.	4			
	5			
	6			

**115 KV LINE CROSSING
CONNECTICUT RIVER
CLAREMONT, NH. WEATHERSFIELD, VT.**

PUBLIC SERVICE CO. OF NEW HAMPSHIRE
ENGINEERING DEPARTMENT
SCALE 40' = 1" HOR. DATE 5-24-67

D-7649-67

LEGEND

- WIRE CROSSING
- SUNAPEE-ASCUTNEY 115 KV LINE

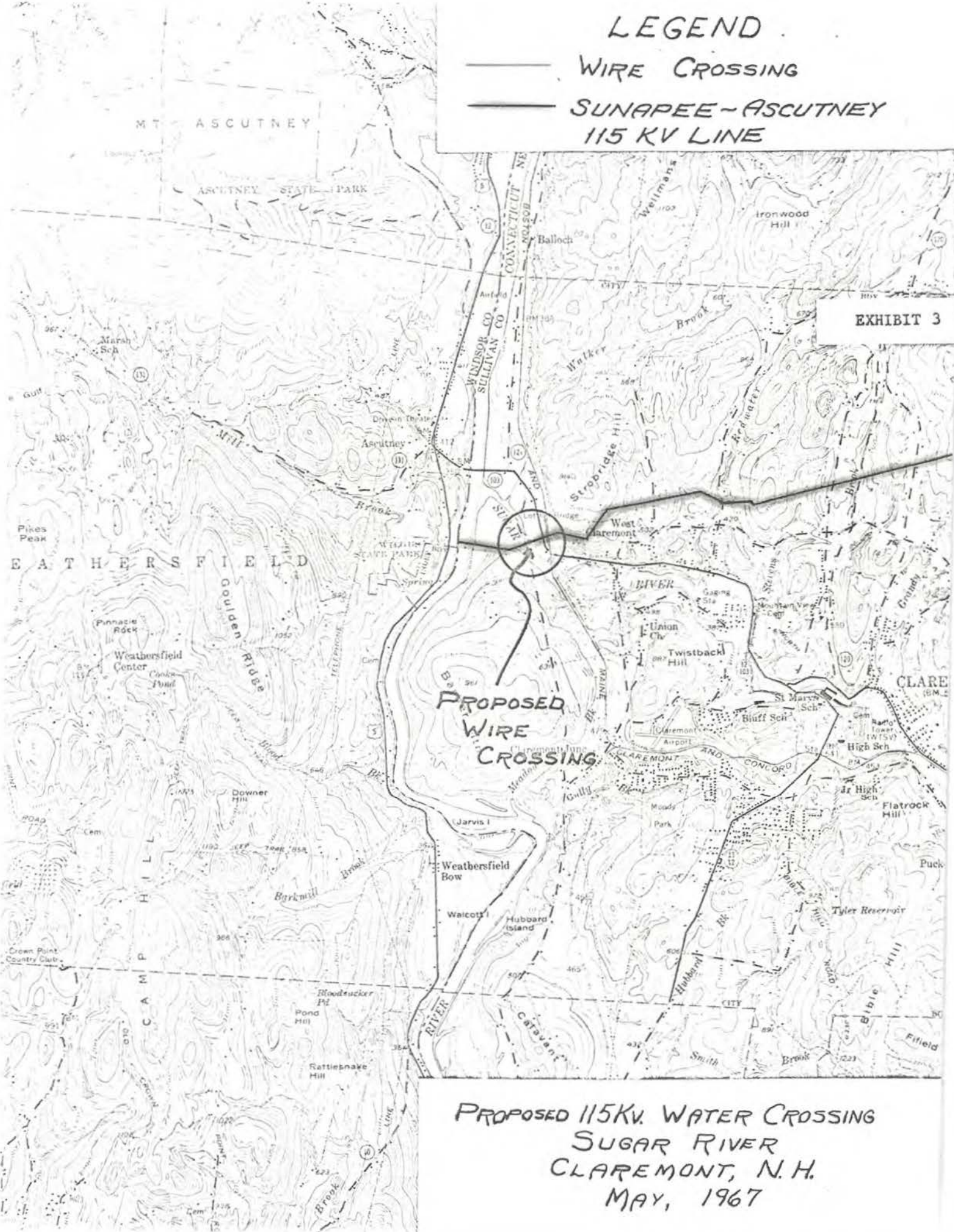


EXHIBIT 3

PROPOSED
WIRE
CROSSING

PROPOSED 115KV. WATER CROSSING
SUGAR RIVER
CLAREMONT, N.H.
MAY, 1967



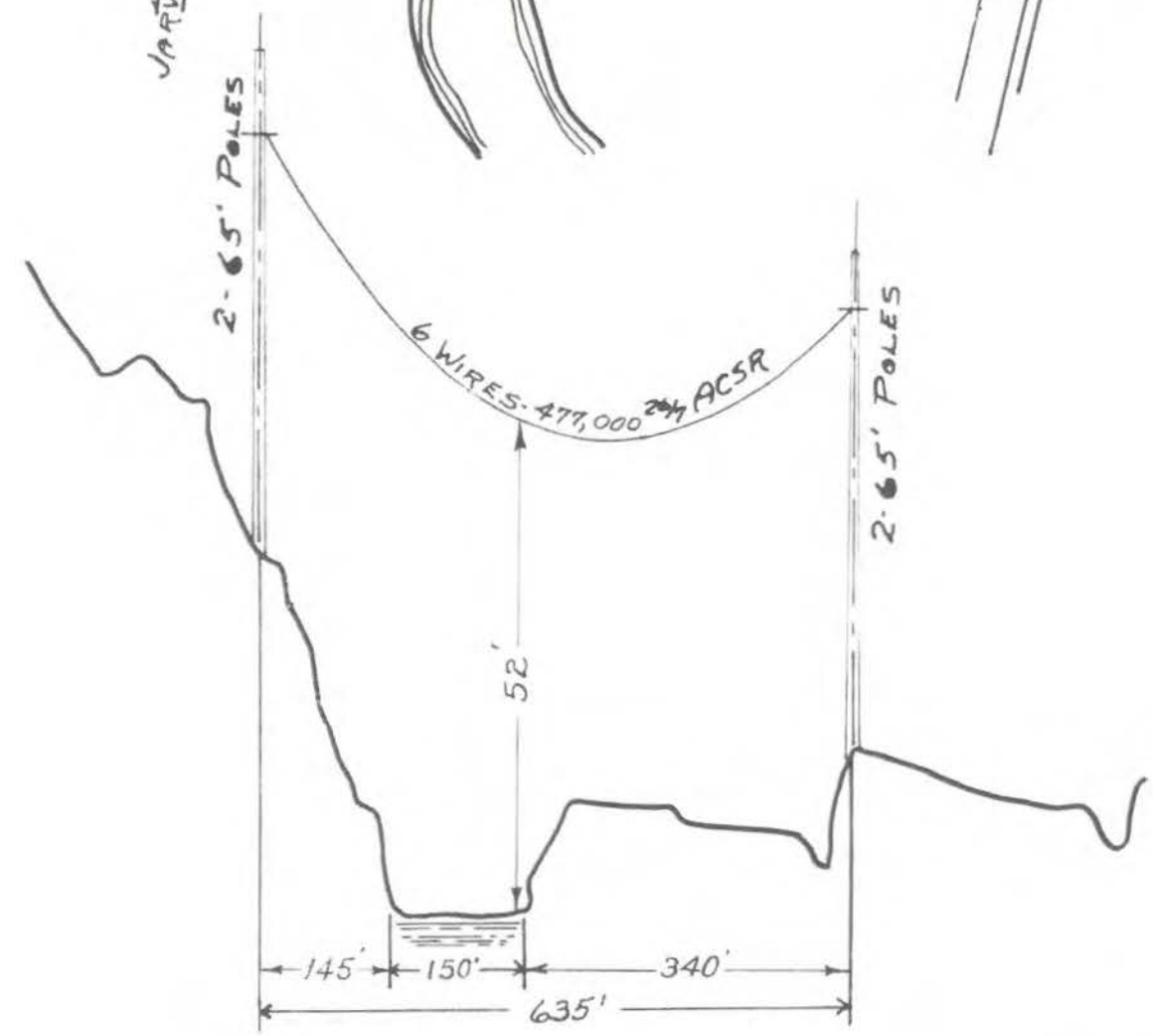
N 9° 00' W
JARVIS HILL ROAD

RIVER
SUGAR

ROUTE 12

☞ P.S. CO 115 KV 1967 CONST
☞ EXISTING VELCO 115 KV.

EXHIBIT 4



DES.	NO.	REVISION	DATE	BY
DR. W.R.L.	1			
TR.	2			
CK.	3			
APPR.	4			
	5			
	6			

<p>115 KV LINE CROSSING SUGAR RIVER CLAREMONT, N.H.</p>	
<p>PUBLIC SERVICE CO. OF NEW HAMPSHIRE ENGINEERING DEPARTMENT SCALE 20' = 1" VERT. 200' = 1" HOR.</p>	<p>D-7649-68 DATE 5-26-67</p>

State of New Hampshire

PUBLIC UTILITIES COMMISSION

CONCORD

03301



WILLIAM J. WALKER
CHAIRMAN

FRANCIS J. RIORDAN
COMMISSIONER

EDMUND L. BARKER
CHIEF ENGINEER

WINSLOW E. MELVIN
TRANSPORTATION DIRECTOR

JOHN W. MCKEE
CHIEF ACCOUNTANT

GERARD O. BERGEVIN
COMMISSIONER

JAMES W. DOON
SECRETARY

DAISY Y. JEWELL
ASSISTANT SECRETARY

JAMES E. STOCKLEY
RATE ENGINEER

July 19, 1967

BWD
WAA
EP
RAW
HJE
Legal File

William Tallman, President
Public Service Company of New Hampshire
Manchester, New Hampshire

Dear Sir:

D-E4581 Public Service Company of New Hampshire.
Petition for a license to construct and
maintain transmission lines over and
across the public waters of the Connecti-
cut River and the Sugar River in the City
of Claremont.

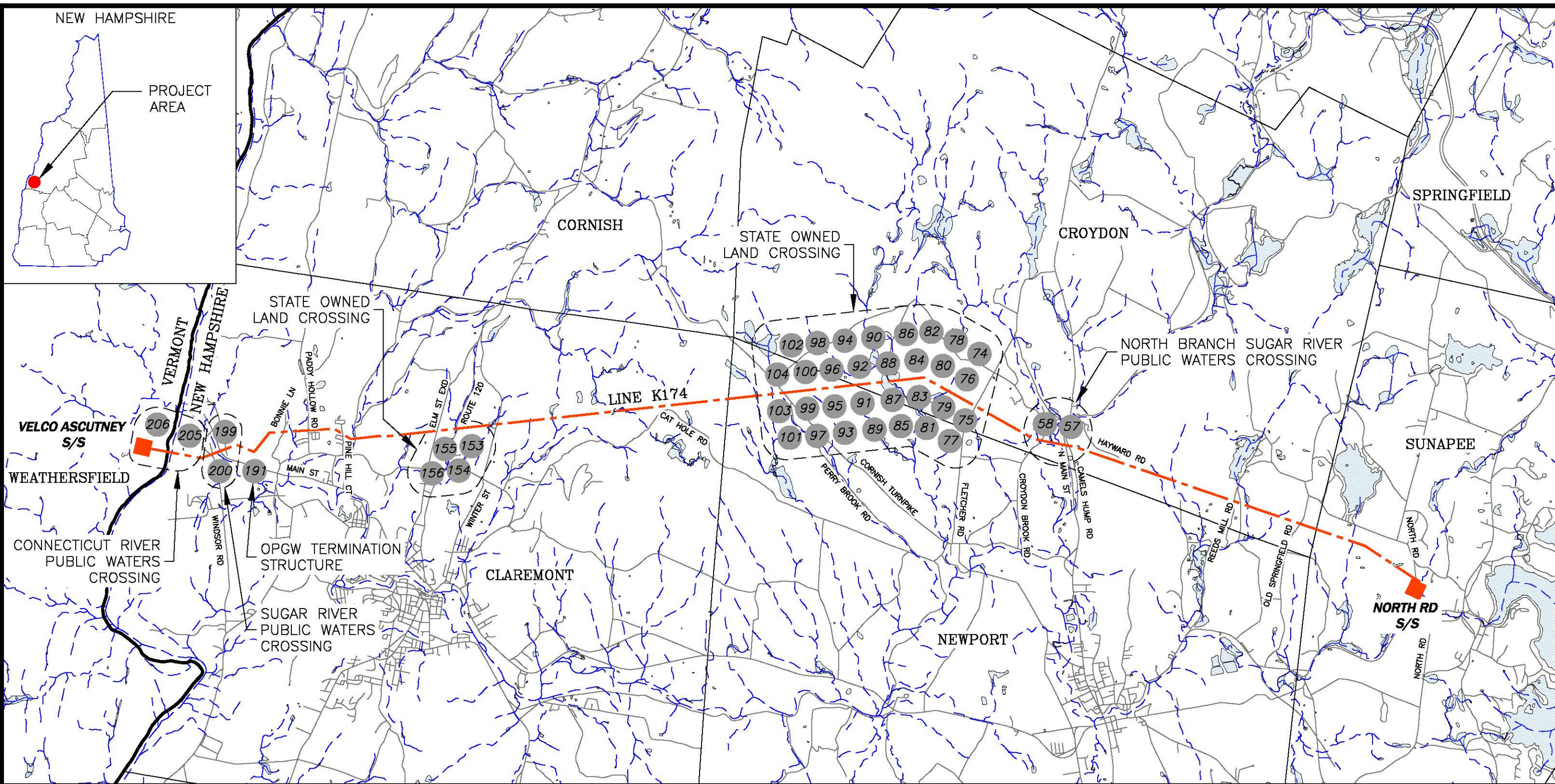
We are enclosing copy of Order No. 8696 issued by the
Commission in connection with the above entitled matter.

Very truly yours,

N. H. PUBLIC UTILITIES COMMISSION

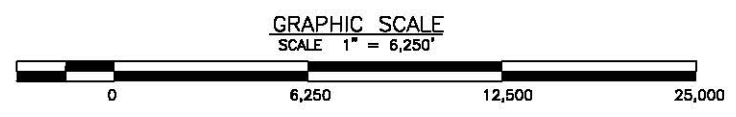
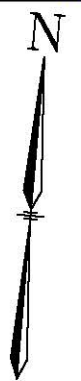
James W. Doon
Secretary

J



LEGEND:

- DENOTES TRANSMISSION LINE
- DENOTES STRUCTURE NUMBER
- DENOTES ROAD
- DENOTES WATER
- DENOTES RIVERS & STREAMS
- DENOTES COUNTY LINES
- DENOTES STATE LINE



DWG REV	ISSUED TO PUC	06/12/20	SEK	BRS	GEL	
	EPN/DESCRIPTION	CONT/PEP	DATE	DRN	CHKD	APPR
1						

T	1
DRAWN	NEB/TRC
ENGINEER	GEL/TRC
CHECKED	GEL/TRC
APPROVED	GEL/TRC
DATE	06/12/20

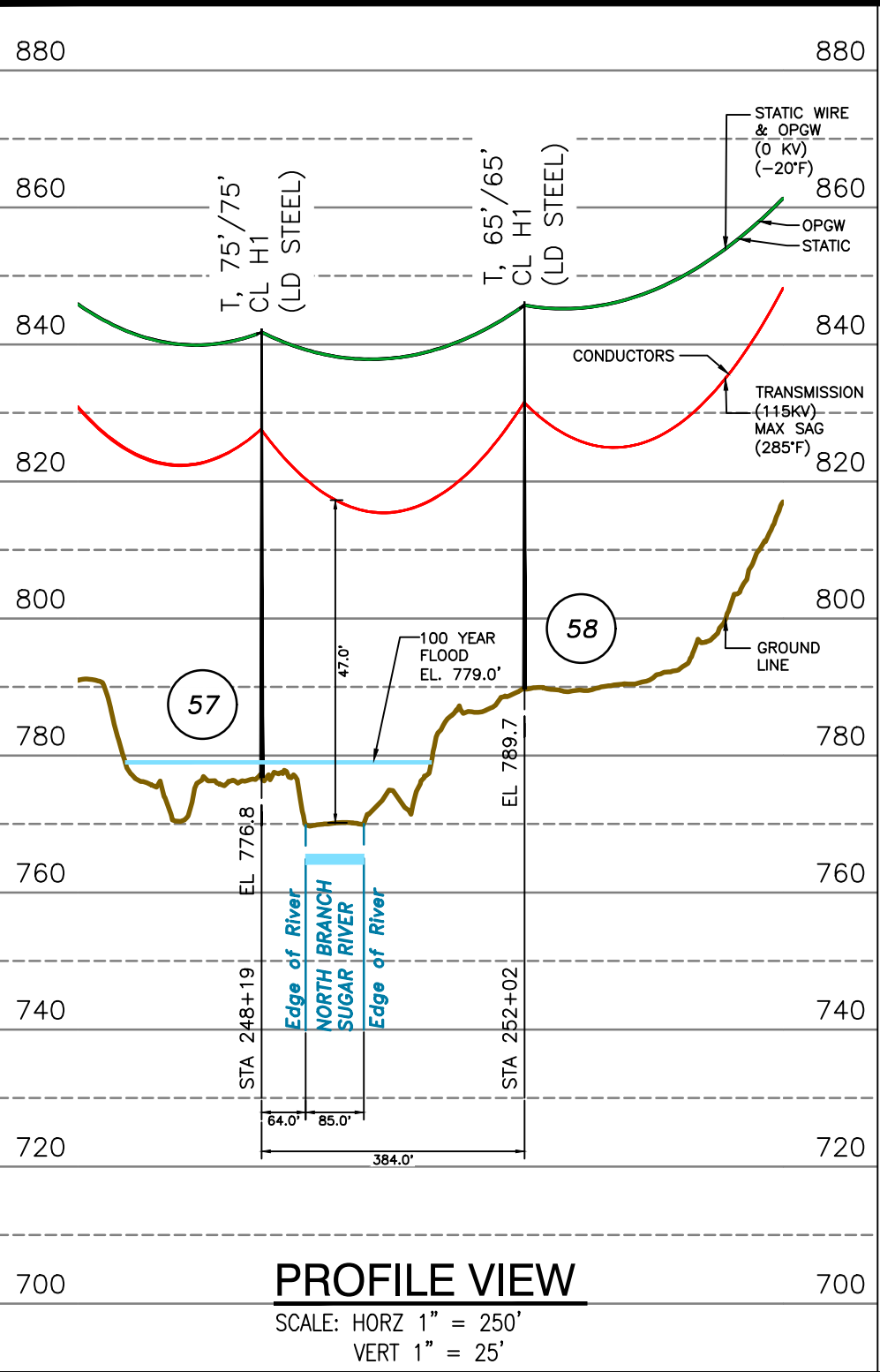
LINE K174 115KV TRANSMISSION
STATE OWNED LAND X-ING & PUBLIC WATERS X-ING
SUNAPEE TO CLAREMONT, N.H.
EXHIBIT #1

SCALE AS SHOWN

FILE: K17443902.DWG

DRAWING NO.
K17443902

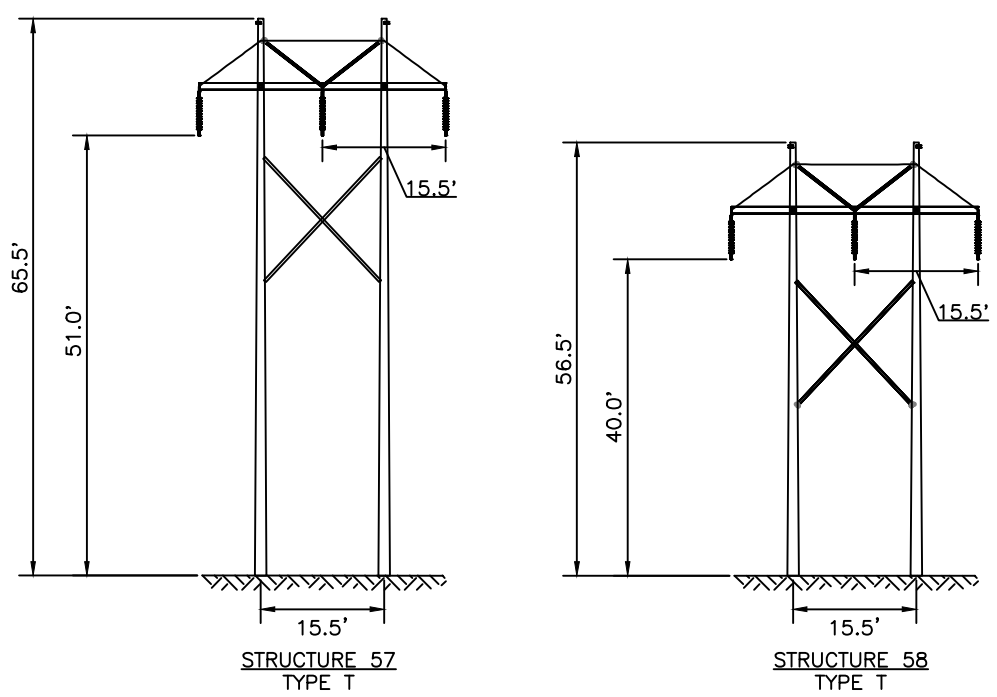
6/4/2020 1:03 PM - SKern - C:\pwworkingmp\pw1\q2576959\K17443905.dwg - EXHIBIT #2 ES VER: 12/2016



PROFILE VIEW

SCALE: HORZ 1" = 250'
VERT 1" = 25'

TOWN OF CROYDON, N.H.

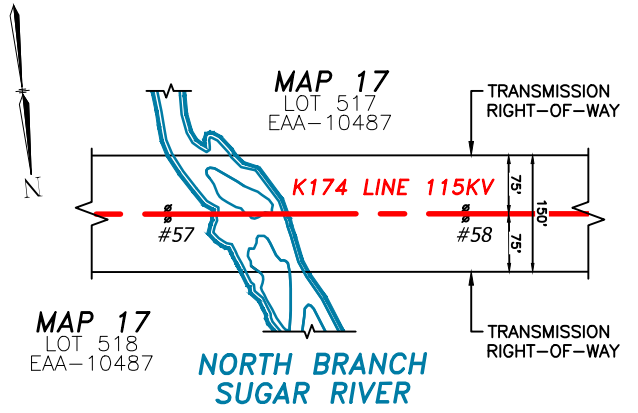


STR 57: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.
STR 58: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE DETAILS

SCALE: NTS

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



PLAN VIEW

SCALE: 1" = 250'
PARCEL LINWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

NOTES:

1. VERTICAL DATUM IS NAVD88 IN FEET.
2. COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
3. FEMA MAP FOR SELECTED AREA #33019C0144E, DATE 05/23/2006.
4. POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.

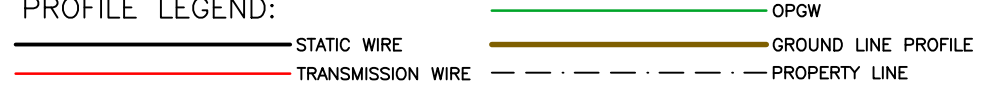
STRUCTURE LOCATION:

STR. #57 - LAT.= 43°24'36.901"N
LONG.= 72°11'17.519"W
STR. #58 - LAT.= 43°24'37.265"N
LONG.= 72°11'22.69"W

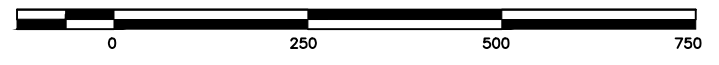
CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAW OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800

PROFILE LEGEND:



GRAPHIC SCALE
HORIZONTAL SCALE 1" = 250'



LINE K174 115KV TRANSMISSION
N. BRANCH SUGAR RIVER PUBLIC WATERS CROSSING
CROYDON, N.H.
EXHIBIT #2

T	1
DRAWN	SAL/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	06/12/20

1	ISSUED TO PUC	06/12/20	SEK	BRS	GEL	
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

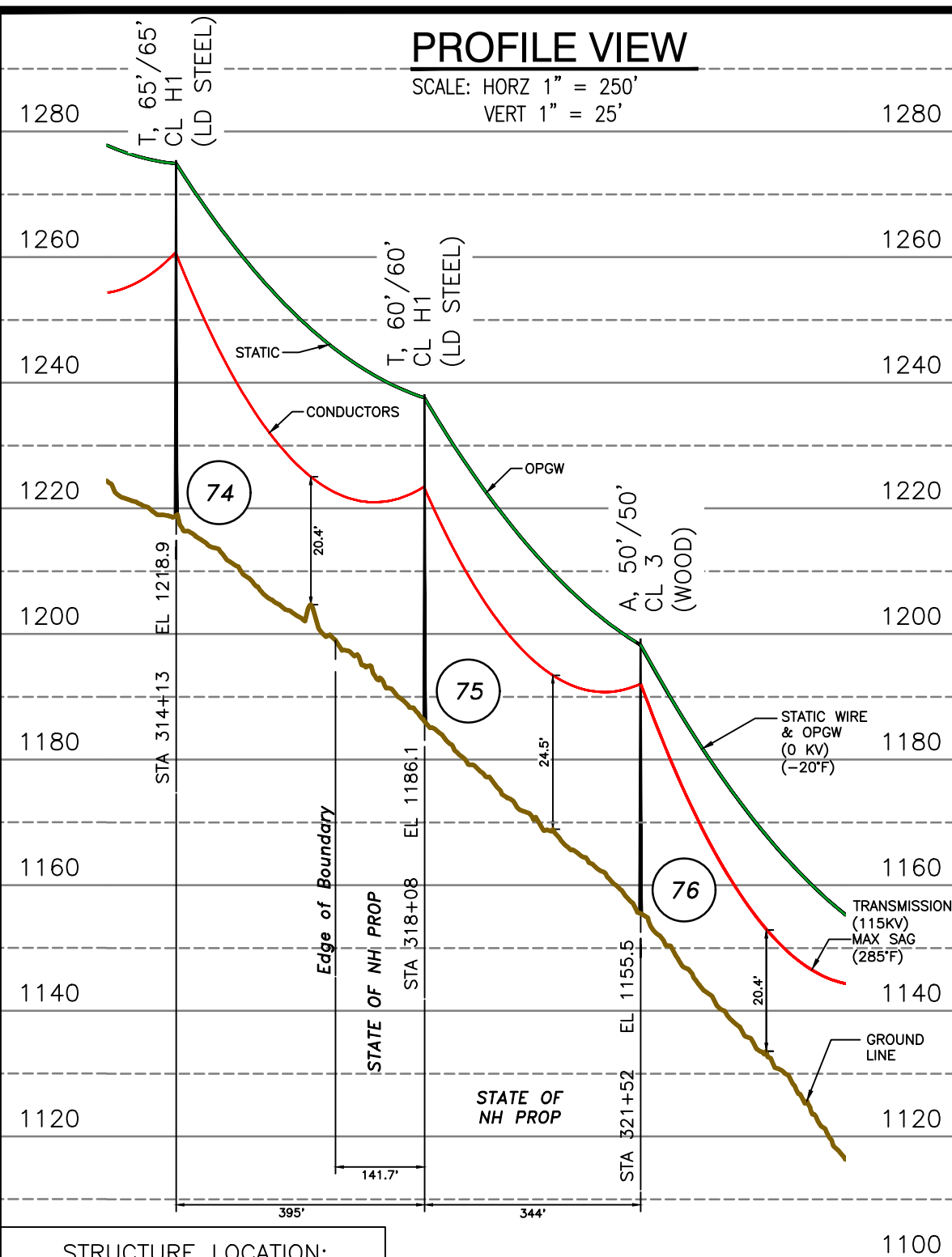
SCALE	AS SHOWN	FILE: K17443905.DWG	DRAWING NO.	K17443905
IMAGE:				

ES VER: 12/2016

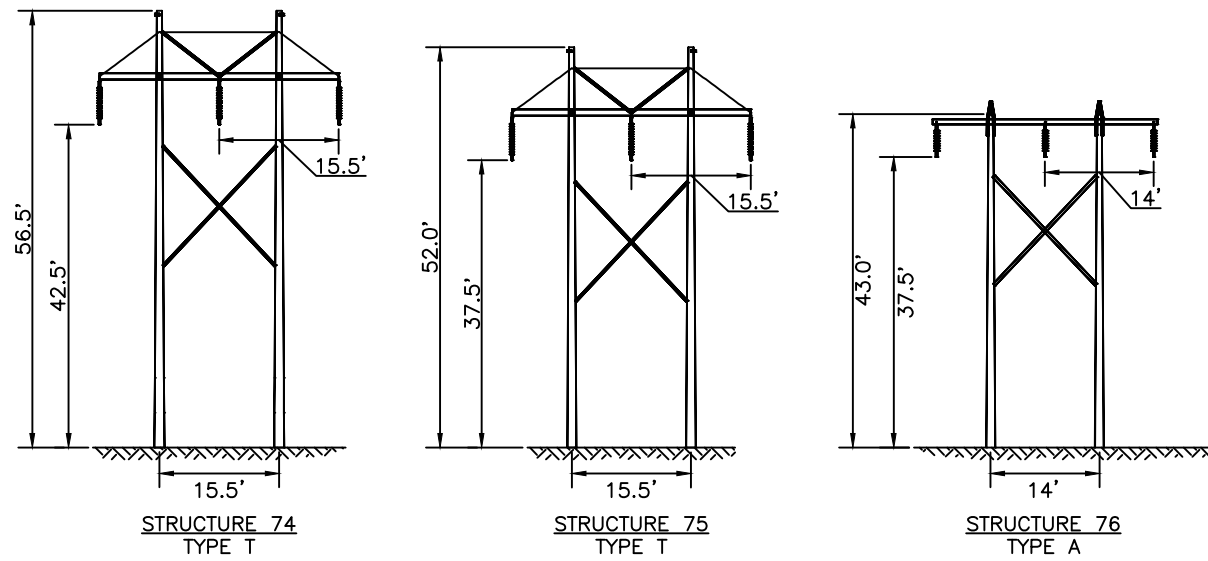
6/28/2020 1:19 PM - Skern - C:\pwworkingemp\pw1\d2576959\K17443501.dwg - EXHIBIT #3

PROFILE VIEW

SCALE: HORZ 1" = 250'
VERT 1" = 25'



TOWN OF CROYDON, N.H.



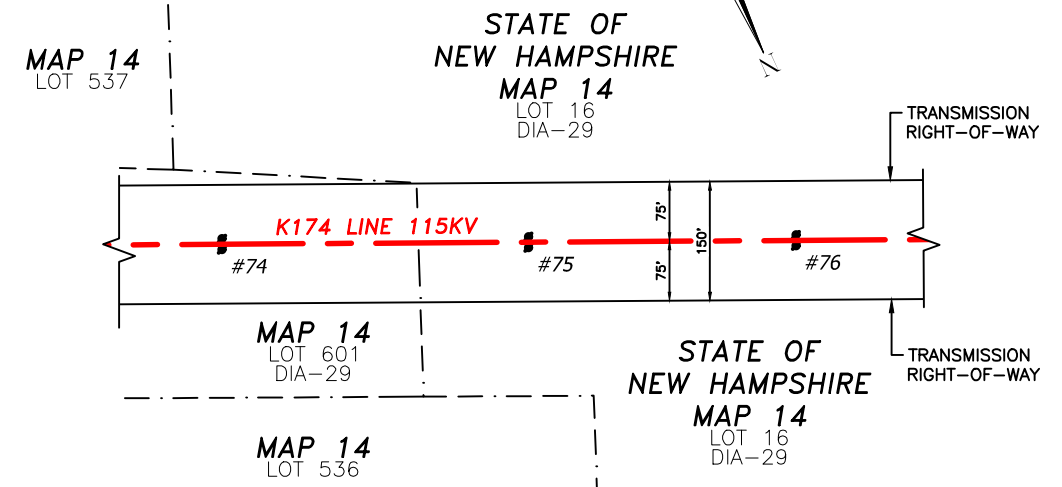
STR 74: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.
STR 75: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.
STR 76: IS A SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE DETAILS

SCALE: NTS

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE (kV)
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	115
	16.1

- NOTES:
- VERTICAL DATUM IS NAVD88 IN FEET.
 - COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
 - POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.
 - WIDTH OF STATE OF NH PROP FROM EAST OF STR. #75 TO WEST OF STR. #102 IS 11,687.7'. ADDITIONAL STATE LAND CROSSING WIDTH OF 175' BETWEEN STR. #103 AND THE EASTERLY BOUNDARY OF THE CORNISH TURNPIKE ROW.



PLAN VIEW

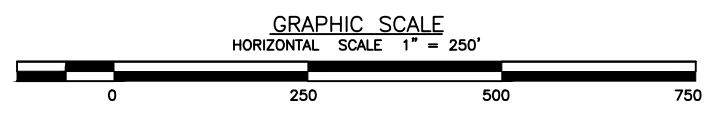
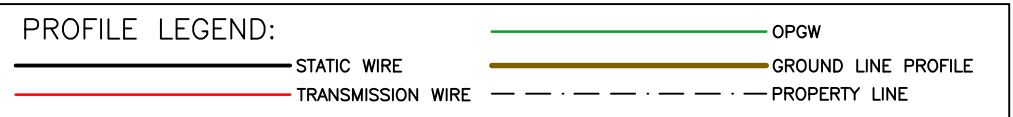
SCALE: 1" = 250'
PARCEL LINWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

STRUCTURE LOCATION:

- STR. #74 - LAT.= 43°24'57.932"N
LONG.= 72°12'41.108"W
- STR. #75 - LAT.= 43°24'59.516"N
LONG.= 72°12'46.000"W
- STR. #76 - LAT.= 43°25'0.908"N
LONG.= 72°12'50.257"W

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INACAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800



LINE K174 115KV TRANSMISSION
STATE OWNED LAND CROSSING
CROYDON, N.H.
EXHIBIT #3

1	ISSUED TO PUC	07/02/20	SEK	BRS	GEL	
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

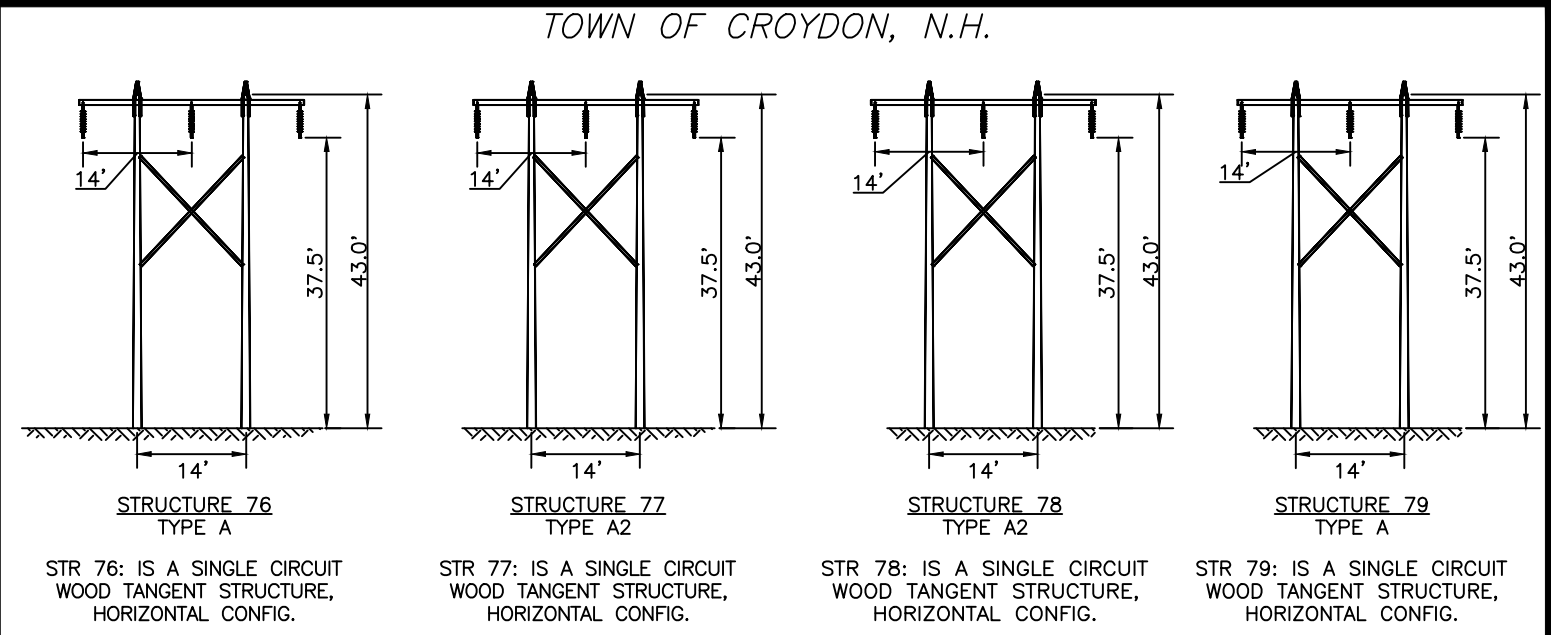
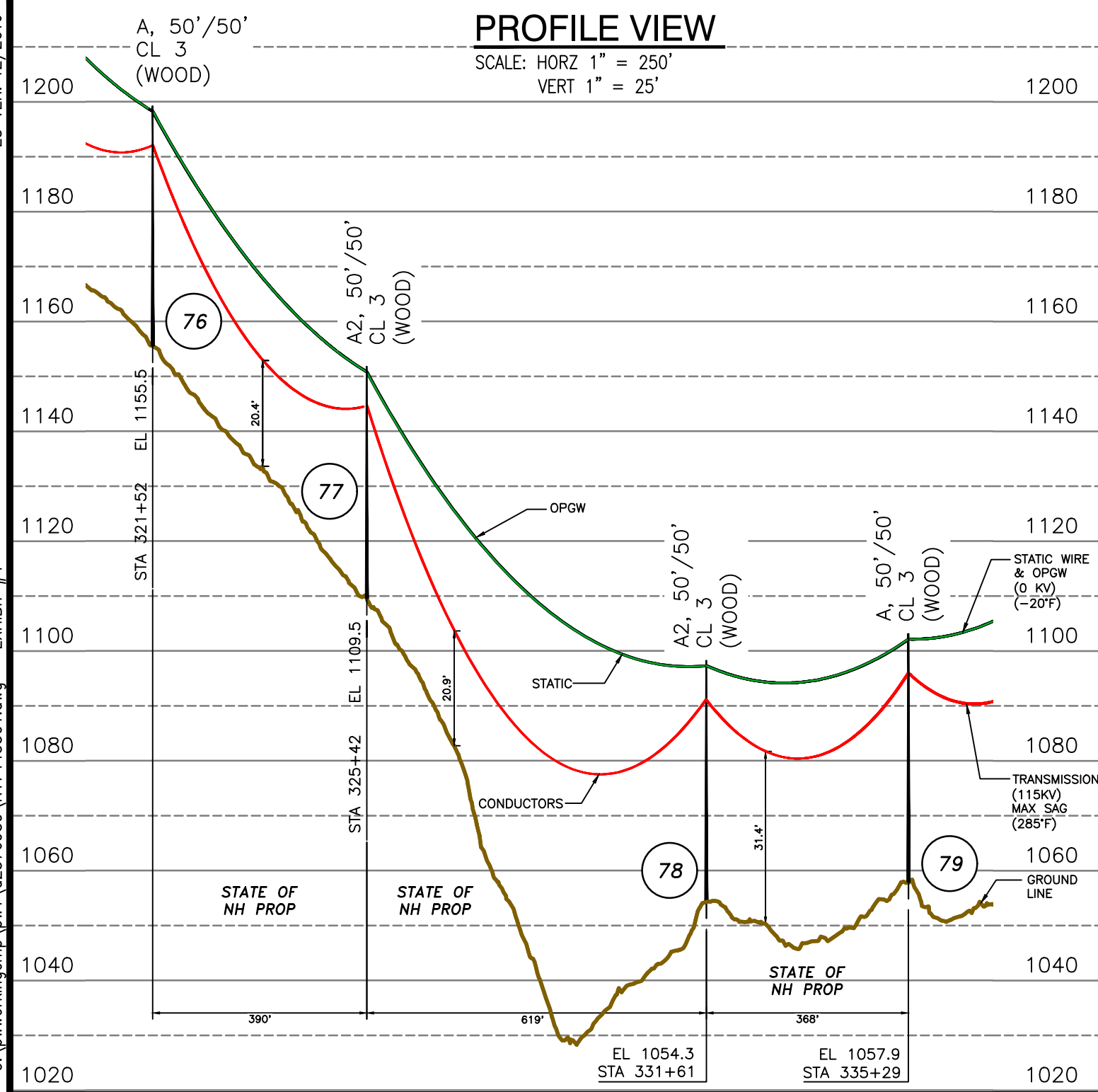
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DATE 07/02/20	ENGINEER GEL/TRC	CHECKED SAL/TRC

ES VER: 12/2016

6/28/2020 1:19 PM - Skern - C:\pwworking\mp\pw1\d2576959\K17443501.dwg - EXHIBIT #4

PROFILE VIEW

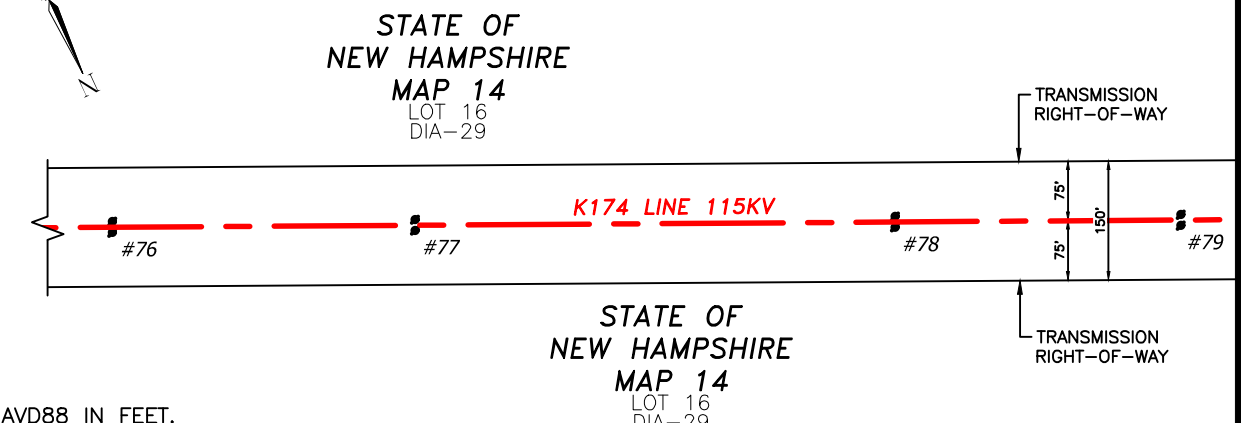
SCALE: HORZ 1" = 250'
VERT 1" = 25'



STRUCTURE DETAILS

SCALE: NTS

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE (kV)
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	115
	16.1



NOTES:

1. VERTICAL DATUM IS NAVD88 IN FEET.
2. COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
3. POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.
4. WIDTH OF STATE OF NH PROP FROM EAST OF STR. #75 TO WEST OF STR. #102 IS 11,687.7'. ADDITIONAL STATE LAND CROSSING WIDTH OF 175' BETWEEN STR. #103 AND THE EASTERLY BOUNDARY OF THE CORNISH TURNPIKE ROW.

PLAN VIEW

SCALE: 1" = 250'
PARCEL LINWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

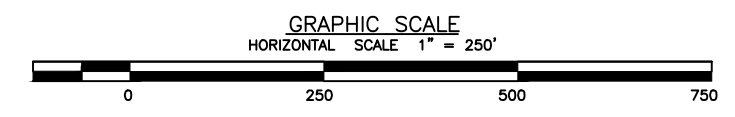
STRUCTURE LOCATION:

- STR. #76 - LAT.= 43°25'0.908"N
LONG.= 72°12'50.257"W
- STR. #77 - LAT.= 43°25'2.475"N
LONG.= 72°12'55.085"W
- STR. #78 - LAT.= 43°25'4.948"N
LONG.= 72°13'2.751"W
- STR. #79 - LAT.= 43°25'6.44"N
LONG.= 72°13'7.304"W

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800

PROFILE LEGEND:



EVERSOURCE ENERGY

LINE K174 115KV TRANSMISSION
STATE OWNED LAND CROSSING
CROYDON, N.H.
EXHIBIT #4

DATE 07/02/20	DRAWING NO. K17443501
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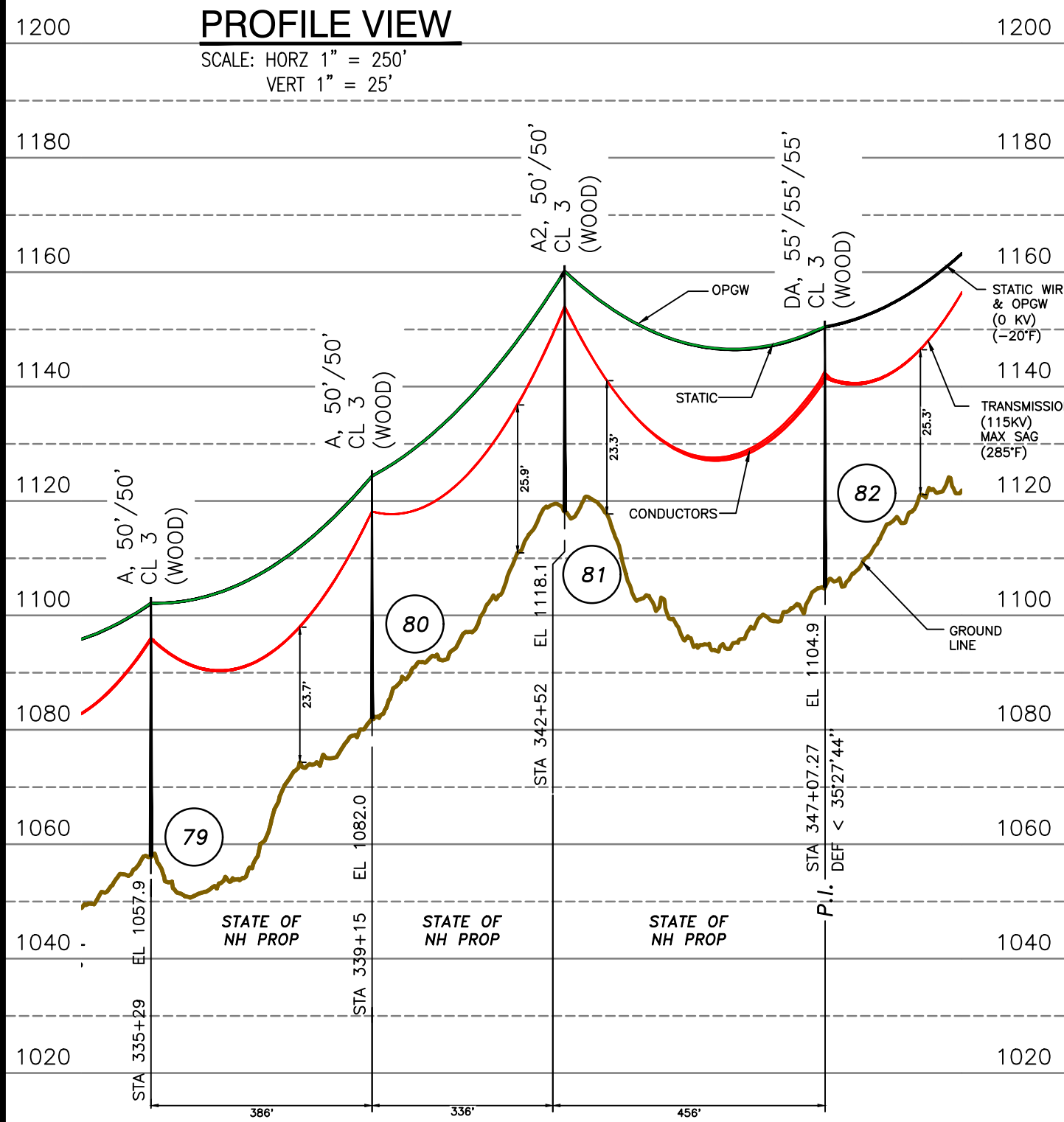
DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	ISSUED TO PUC			07/02/20	SEK	BRS	GEL

ES VER: 12/2016

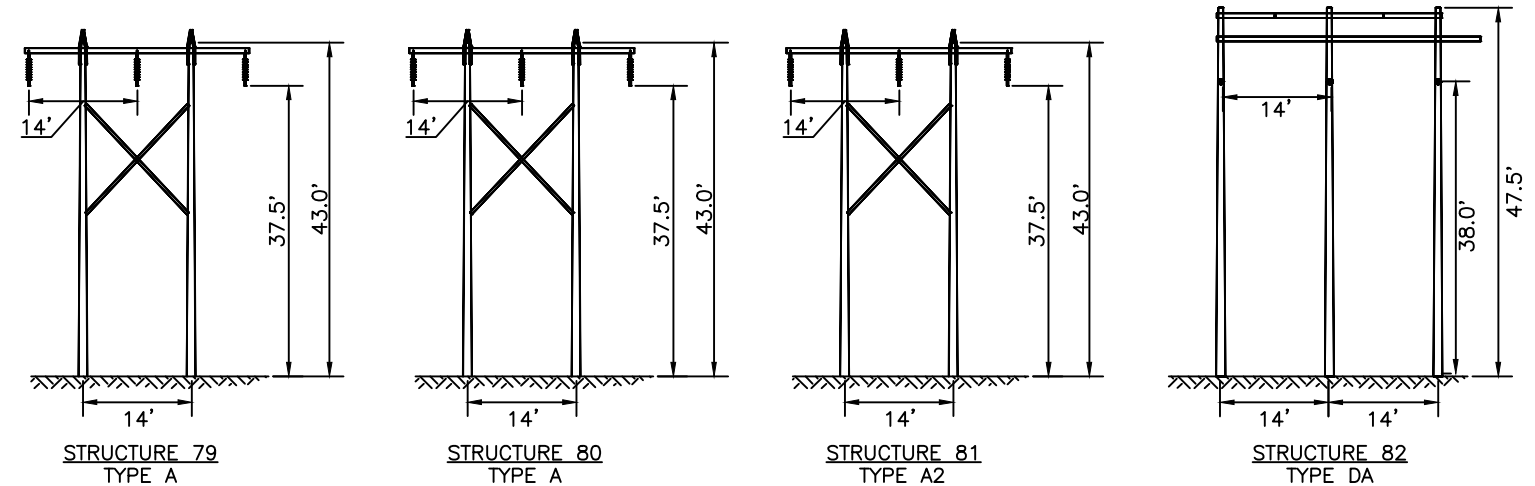
6/28/2020 1:19 PM - Skern - C:\pwworkingemp\pw1\d2576959\K17443501.dwg - EXHIBIT #5

PROFILE VIEW

SCALE: HORZ 1" = 250'
VERT 1" = 25'



TOWN OF CROYDON, N.H.



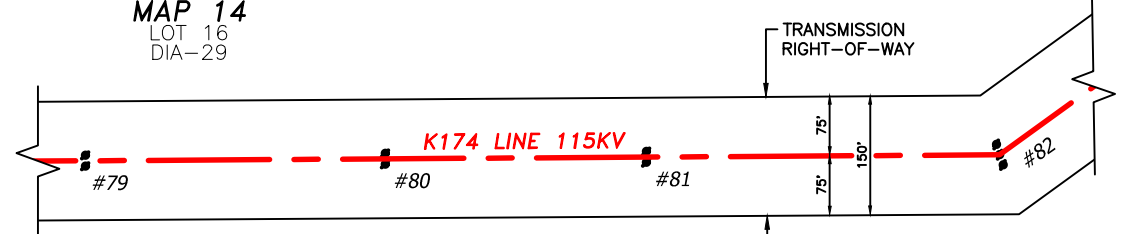
STR 79: IS A SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.
STR 80: IS A SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.
STR 81: IS A SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.
STR 82: IS A SINGLE CIRCUIT WOOD DEADEND STRUCTURE, HORIZONTAL CONFIG., GUYED.

STRUCTURE DETAILS

SCALE: NTS

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE (kV)
	115
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	16.1

STATE OF
NEW HAMPSHIRE
MAP 14
LOT 16
DIA-29



STATE OF
NEW HAMPSHIRE
MAP 14
LOT 16
DIA-29

PLAN VIEW

SCALE: 1" = 250'
PARCEL LINEWORK FROM NH GRANIT
UNLESS NOTED OTHERWISE.

NOTES:

- VERTICAL DATUM IS NAVD88 IN FEET.
- COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
- POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.
- WIDTH OF STATE OF NH PROP FROM EAST OF STR. #102 IS 11,687.7'. ADDITIONAL STATE LAND CROSSING WIDTH OF 175' BETWEEN STR. #103 AND THE EASTERLY BOUNDARY OF THE CORNISH TURNPIKE ROW.

STRUCTURE LOCATION:

- STR. #79 - LAT.= 43°25'6.44"N
LONG.= 72°13'7.304"W
- STR. #80 - LAT.= 43°25'7.982"N
LONG.= 72°13'12.09"W
- STR. #81 - LAT.= 43°25'9.327"N
LONG.= 72°13'16.259"W
- STR. #82 - LAT.= 43°25'11.144"N
LONG.= 72°13'21.903"W

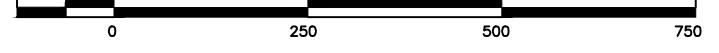
CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800

PROFILE LEGEND:

- OPGW
- STATIC WIRE
- TRANSMISSION WIRE
- GROUND LINE PROFILE
- PROPERTY LINE

GRAPHIC SCALE



LINE K174 115KV TRANSMISSION
STATE OWNED LAND CROSSING
CROYDON, N.H.
EXHIBIT #5

T	1
DRAWN	DRL/TRC
ENGINEER	GEL/TRC
CHECKED	SAL/TRC
APPROVED	GEL/TRC
DATE	07/02/20

DWG REV	1	ISSUED TO PUC	07/02/20	SEK	BRS	GEL
		EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD

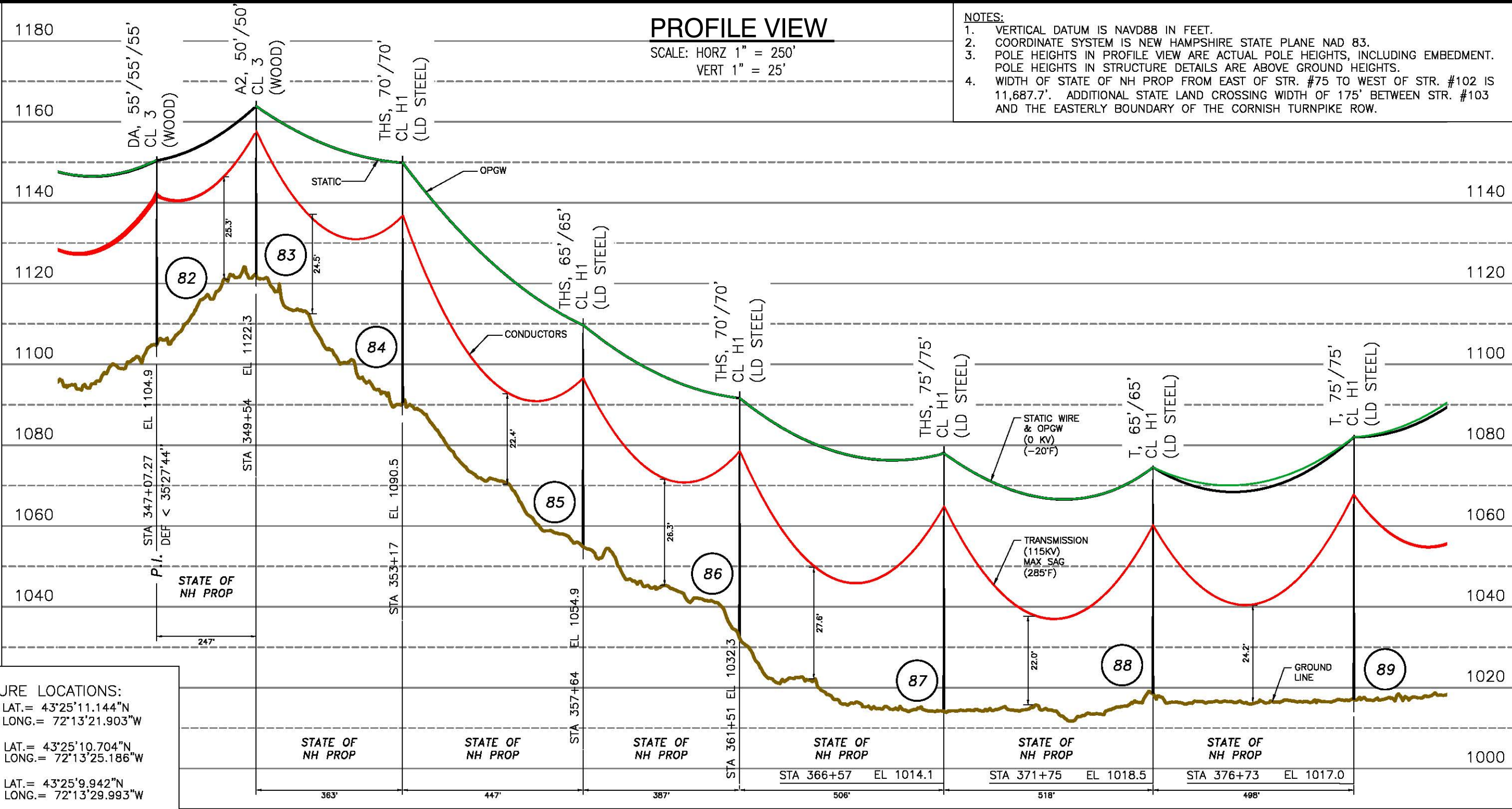
SCALE	AS SHOWN	FILE:	K17443501.DWG	DRAWING NO.	K17443501
IMAGE:					

PROFILE VIEW

SCALE: HORIZ 1" = 250'
VERT 1" = 25'

NOTES:

1. VERTICAL DATUM IS NAVD88 IN FEET.
2. COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
3. POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.
4. WIDTH OF STATE OF NH PROP FROM EAST OF STR. #75 TO WEST OF STR. #102 IS 11,687.7'. ADDITIONAL STATE LAND CROSSING WIDTH OF 175' BETWEEN STR. #103 AND THE EASTERLY BOUNDARY OF THE CORNISH TURNPIKE ROW.



STRUCTURE LOCATIONS:

- STR. #82 - LAT.= 43°25'11.144"N
LONG.= 72°13'21.903"W
- STR. #83 - LAT.= 43°25'10.704"N
LONG.= 72°13'25.186"W
- STR. #84 - LAT.= 43°25'9.942"N
LONG.= 72°13'29.993"W
- STR. #85 - LAT.= 43°25'9.061"N
LONG.= 72°13'35.927"W
- STR. #86 - LAT.= 43°25'8.296"N
LONG.= 72°13'41.076"W
- STR. #87 - LAT.= 43°25'7.298"N
LONG.= 72°13'47.795"W
- STR. #88 - LAT.= 43°25'6.277"N
LONG.= 72°13'54.67"W
- STR. #89 - LAT.= 43°25'5.295"N
LONG.= 72°14'1.279"W

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800

PROFILE LEGEND:

- OPGW
- STATIC WIRE
- TRANSMISSION WIRE
- GROUND LINE PROFILE
- PROPERTY LINE

GRAPHIC SCALE

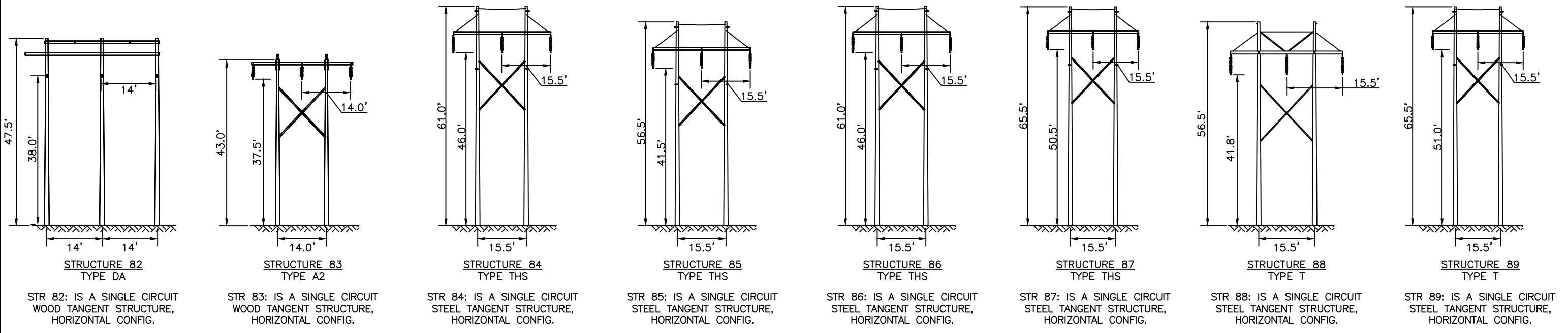


LINE K174 115KV TRANSMISSION
STATE OWNED LAND CROSSING
CROYDON, N.H.
EXHIBIT #6

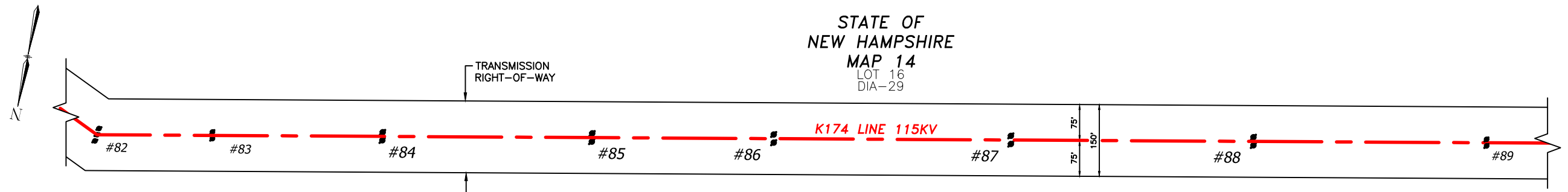
T	1
DRAWN	NEB/TRC
ENGINEER	GEL/TRC
CHECKED	GEL/TRC
APPROVED	GEL/TRC
DATE	07/02/20

DWG REV	ISSUED TO PUC	07/02/20	SEK	BRS	GEL	SCALE AS SHOWN	FILE: K17443501.DWG	DRAWING NO. K17443501
	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR	IMAGE:	

TOWN OF CROYDON, N.H.



STRUCTURE DETAILS
SCALE: NTS



STATE OF NEW HAMPSHIRE
MAP 14
LOT 16
DIA-29

STATE OF NEW HAMPSHIRE
MAP 14
LOT 16
DIA-29

PLAN VIEW

SCALE: 1" = 250'
PARCEL LINWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE (kV)
	115
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	16.1

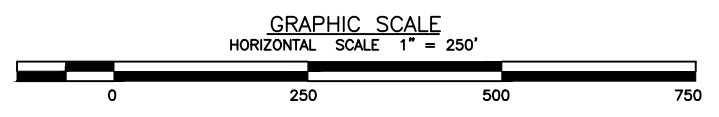
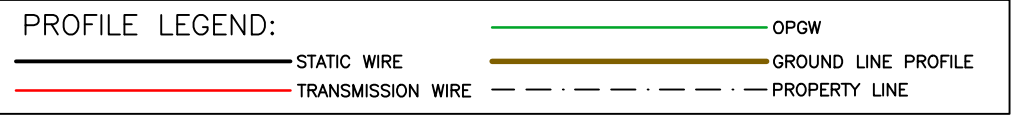
STRUCTURE LOCATIONS:

STR. #82	- LAT.= 43°25'11.144"N LONG.= 72°13'21.903"W
STR. #83	- LAT.= 43°25'10.704"N LONG.= 72°13'25.186"W
STR. #84	- LAT.= 43°25'9.942"N LONG.= 72°13'29.993"W
STR. #85	- LAT.= 43°25'9.061"N LONG.= 72°13'35.927"W
STR. #86	- LAT.= 43°25'8.296"N LONG.= 72°13'41.076"W
STR. #87	- LAT.= 43°25'7.298"N LONG.= 72°13'47.795"W
STR. #88	- LAT.= 43°25'6.324"N LONG.= 72°13'54.544"W
STR. #89	- LAT.= 43°25'5.295"N LONG.= 72°14'1.279"W

- NOTES:**
1. VERTICAL DATUM IS NAVD88 IN FEET.
 2. COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
 3. POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.
 4. WIDTH OF STATE OF NH PROP FROM EAST OF STR. #75 TO WEST OF STR. #102 IS 11,687.7'. ADDITIONAL STATE LAND CROSSING WIDTH OF 175' BETWEEN STR. #103 AND THE EASTERLY BOUNDARY OF THE CORNISH TURNPIKE ROW.

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800



DWG REV	ISSUED TO PUC	07/02/20	SEK	BRS	GEL	
	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

EVERSOURCE ENERGY

LINE K174 115KV TRANSMISSION
STATE OWNED LAND CROSSING
CROYDON, N.H.
EXHIBIT #6

T	1
DRAWN	NEB/TRC
ENGINEER	GEL/TRC
CHECKED	JJD/TRC
APPROVED	GEL/TRC
DATE	07/02/20

SCALE AS SHOWN FILE: K17443501.DWG DRAWING NO. K17443501

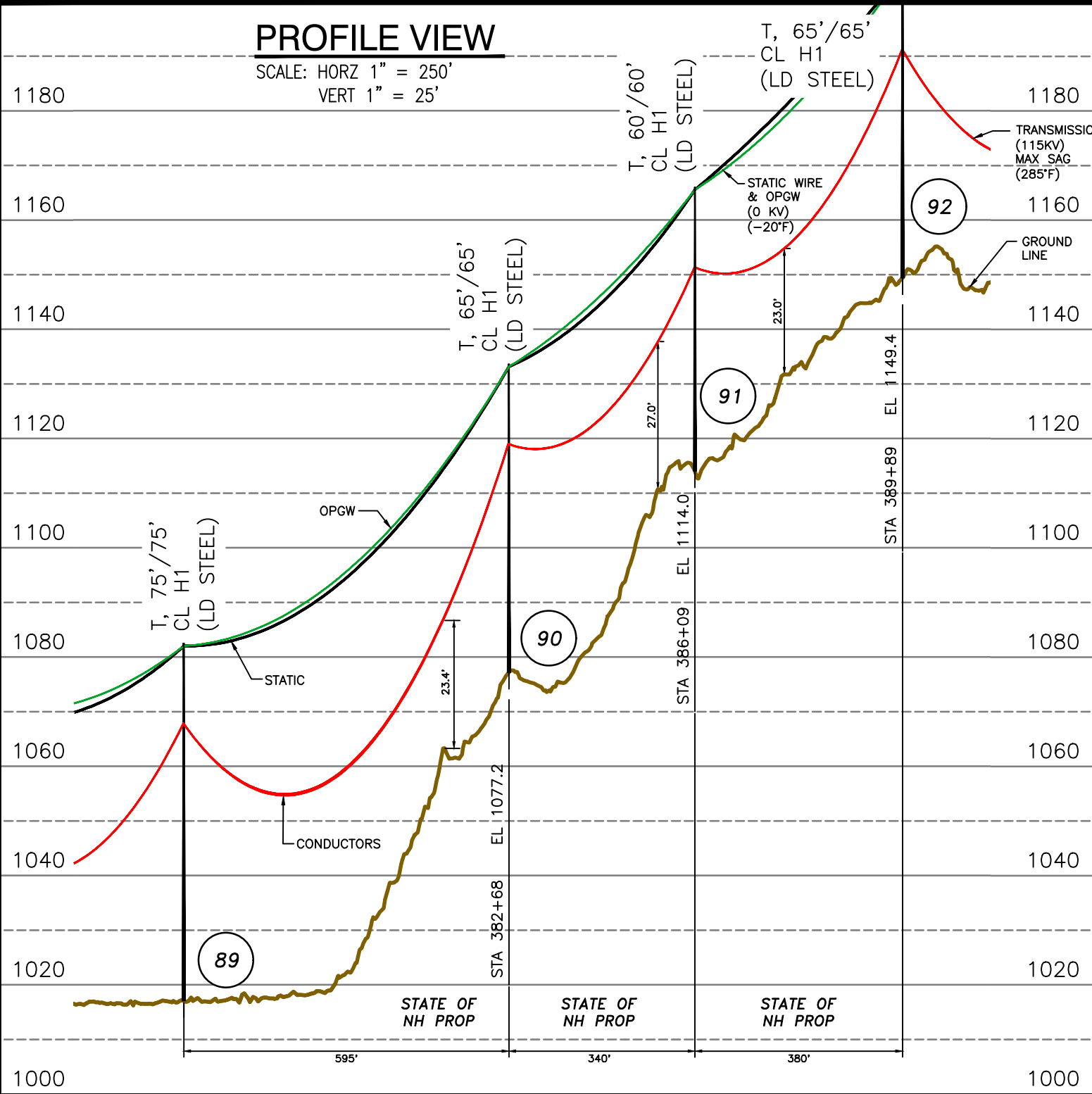
ES VER: 12/2016

EXHIBIT #7

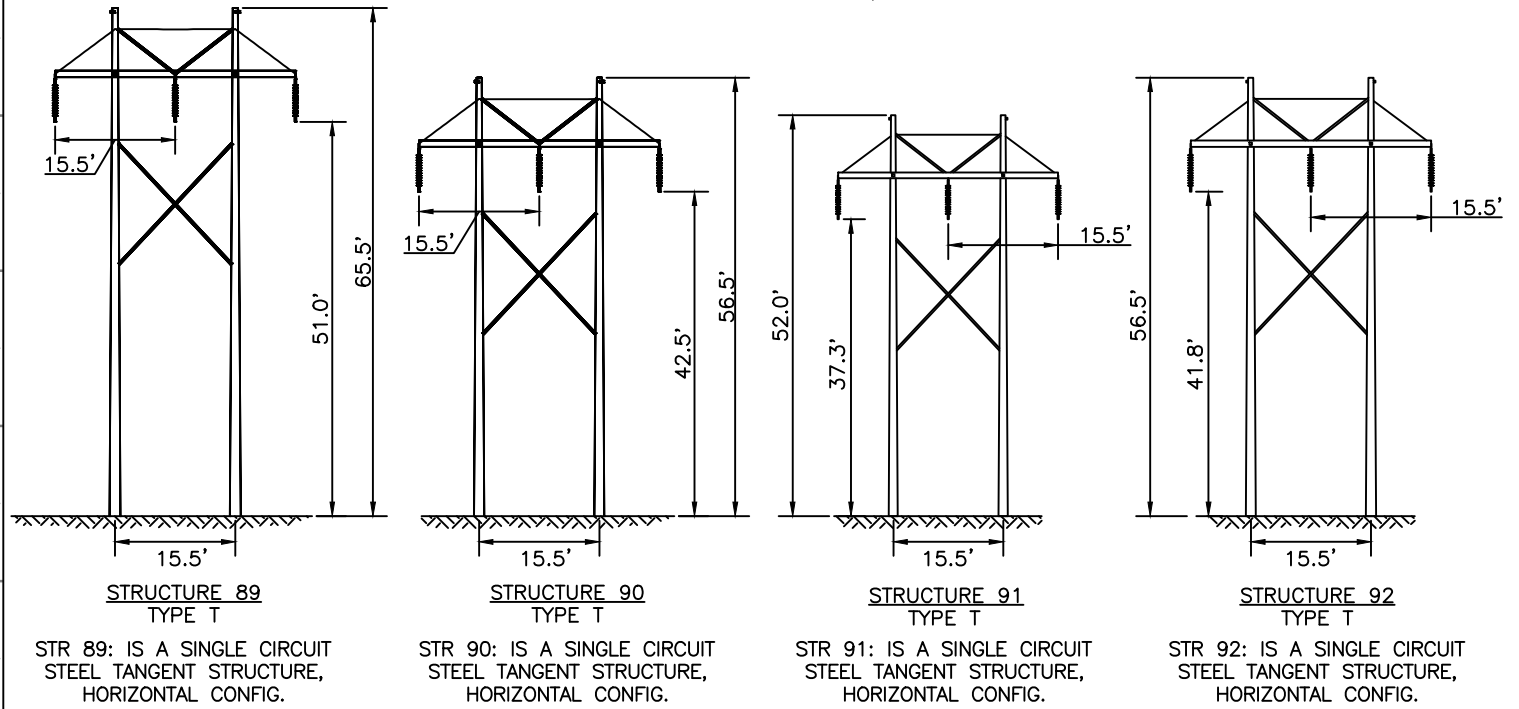
6/28/2020 1:19 PM - Skern - C:\pwworking\emp\pw1\d2576959\K17443501.dwg

PROFILE VIEW

SCALE: HORZ 1" = 250'
VERT 1" = 25'



TOWN OF CROYDON, N.H.



STRUCTURE 89
TYPE T
STR 89: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 90
TYPE T
STR 90: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

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

STRUCTURE 92
TYPE T
STR 92: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

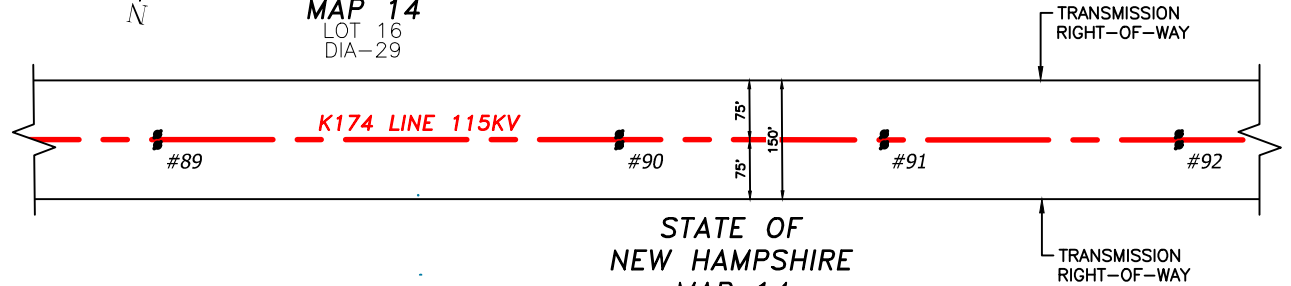
STRUCTURE DETAILS

SCALE: NTS



STATE OF NEW HAMPSHIRE
MAP 14
LOT 16
DIA-29

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE (kV)
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	115
	16.1



STATE OF NEW HAMPSHIRE
MAP 14
LOT 16
DIA-29

NOTES:

1. VERTICAL DATUM IS NAVD88 IN FEET.
2. COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
3. POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.
4. WIDTH OF STATE OF NH PROP FROM EAST OF STR. #75 TO WEST OF STR. #102 IS 11,687.7'. ADDITIONAL STATE LAND CROSSING WIDTH OF 175' BETWEEN STR. #103 AND THE EASTERLY BOUNDARY OF THE CORNISH TURNPIKE ROW.

PLAN VIEW

SCALE: 1" = 250'
PARCEL LINWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

STRUCTURE LOCATION:

- STR. #89 - LAT.= 43°25'5.295"N
LONG.= 72°14'1.279"W
- STR. #90 - LAT.= 43°25'4.121"N
LONG.= 72°14'9.181"W
- STR. #91 - LAT.= 43°25'3.449"N
LONG.= 72°14'13.702"W
- STR. #92 - LAT.= 43°25'2.699"N
LONG.= 72°14'18.747"W

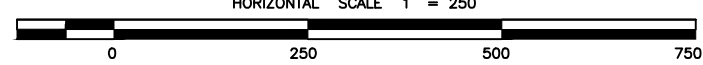
CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800

PROFILE LEGEND:



GRAPHIC SCALE



LINE K174 115KV TRANSMISSION
STATE OWNED LAND CROSSING
CROYDON, N.H.
EXHIBIT #7

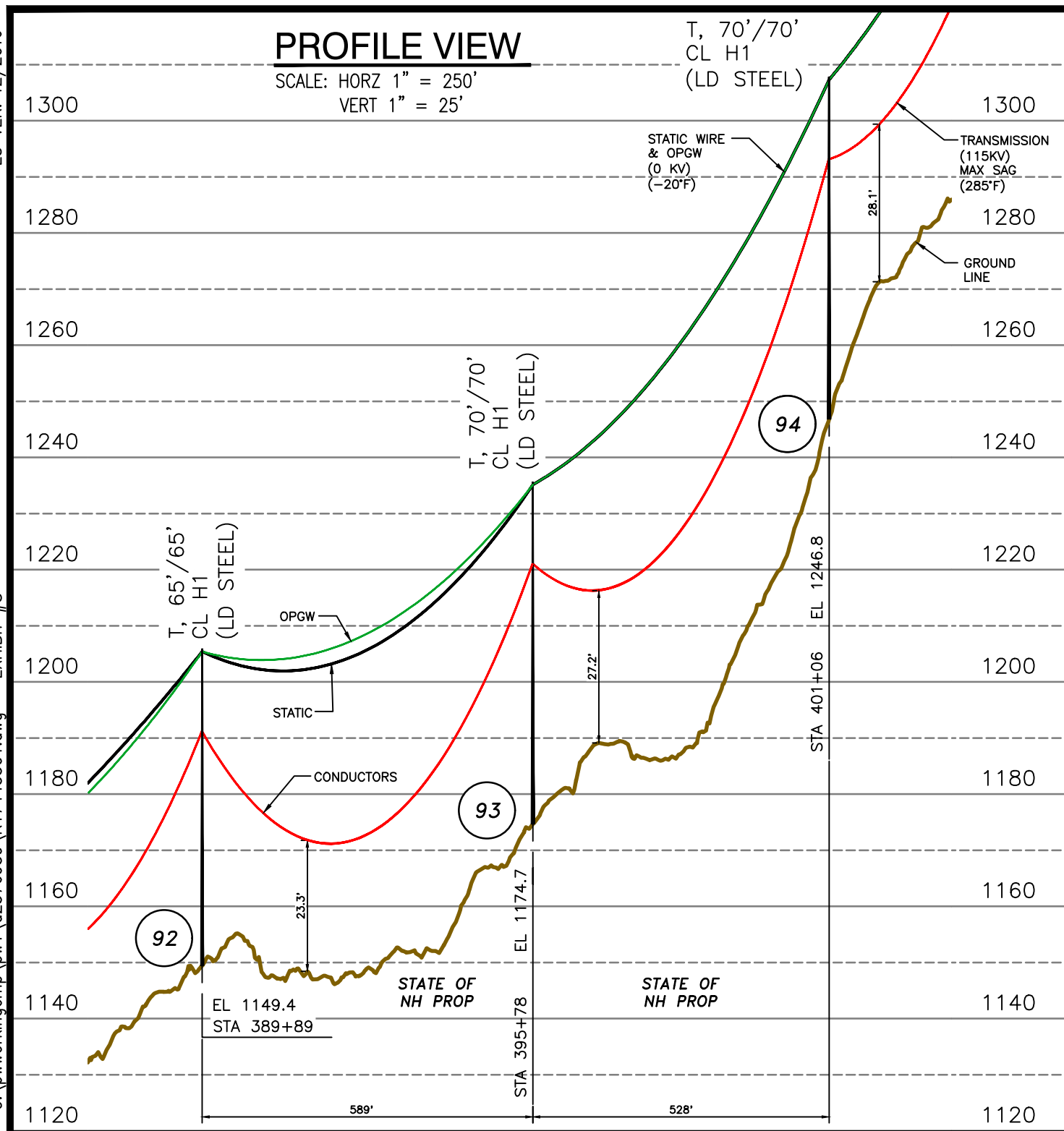
T	1
DRAWN	DRL/TRC
ENGINEER	GEL/TRC
CHECKED	SAL/TRC
APPROVED	GEL/TRC
DATE	07/02/20

ES VER: 12/2016

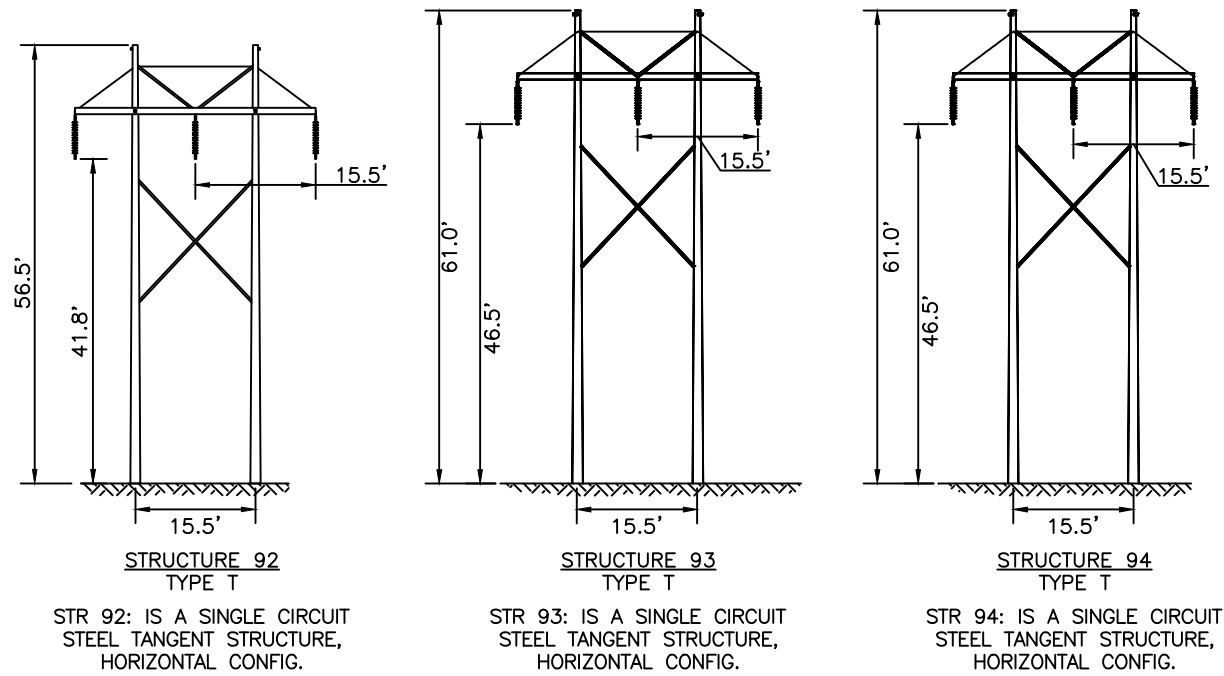
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PROFILE VIEW

SCALE: HORZ 1" = 250'
VERT 1" = 25'



TOWNS OF CROYDON AND NEWPORT, N.H.

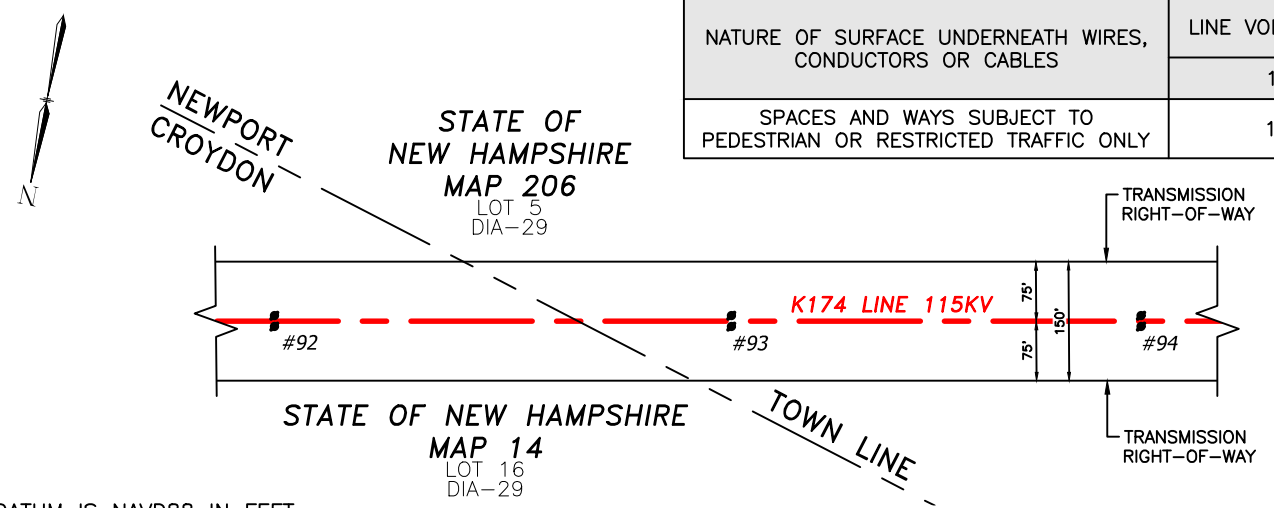


STRUCTURE DETAILS

SCALE: NTS

STR 92: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.
STR 93: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.
STR 94: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE (kV)
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	115
	16.1



PLAN VIEW

SCALE: 1" = 250'
PARCEL LINWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

NOTES:

1. VERTICAL DATUM IS NAVD88 IN FEET.
2. COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
3. POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.
4. WIDTH OF STATE OF NH PROP FROM EAST OF STR. #75 TO WEST OF STR. #102 IS 11,687.7'. ADDITIONAL STATE LAND CROSSING WIDTH OF 175' BETWEEN STR. #103 AND THE EASTERLY BOUNDARY OF THE CORNISH TURNPIKE ROW.

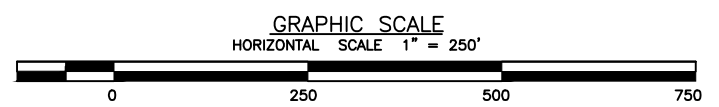
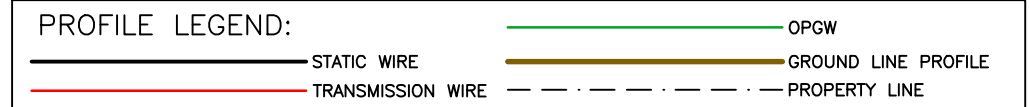
STRUCTURE LOCATION:

- STR. #92 - LAT.= 43°25'2.699"N
LONG.= 72°14'18.747"W
- STR. #93 - LAT.= 43°25'1.558"N
LONG.= 72°14'26.576"W
- STR. #94 - LAT.= 43°25'0.495"N
LONG.= 72°14'33.578"W

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800

PROFILE LEGEND:



EVERSOURCE ENERGY

LINE K174 115KV TRANSMISSION
STATE OWNED LAND CROSSING
CROYDON AND NEWPORT, N.H.
EXHIBIT #8

SCALE AS SHOWN	FILE: K17443501.DWG	DRAWING NO. K17443501
DATE: 07/02/20		

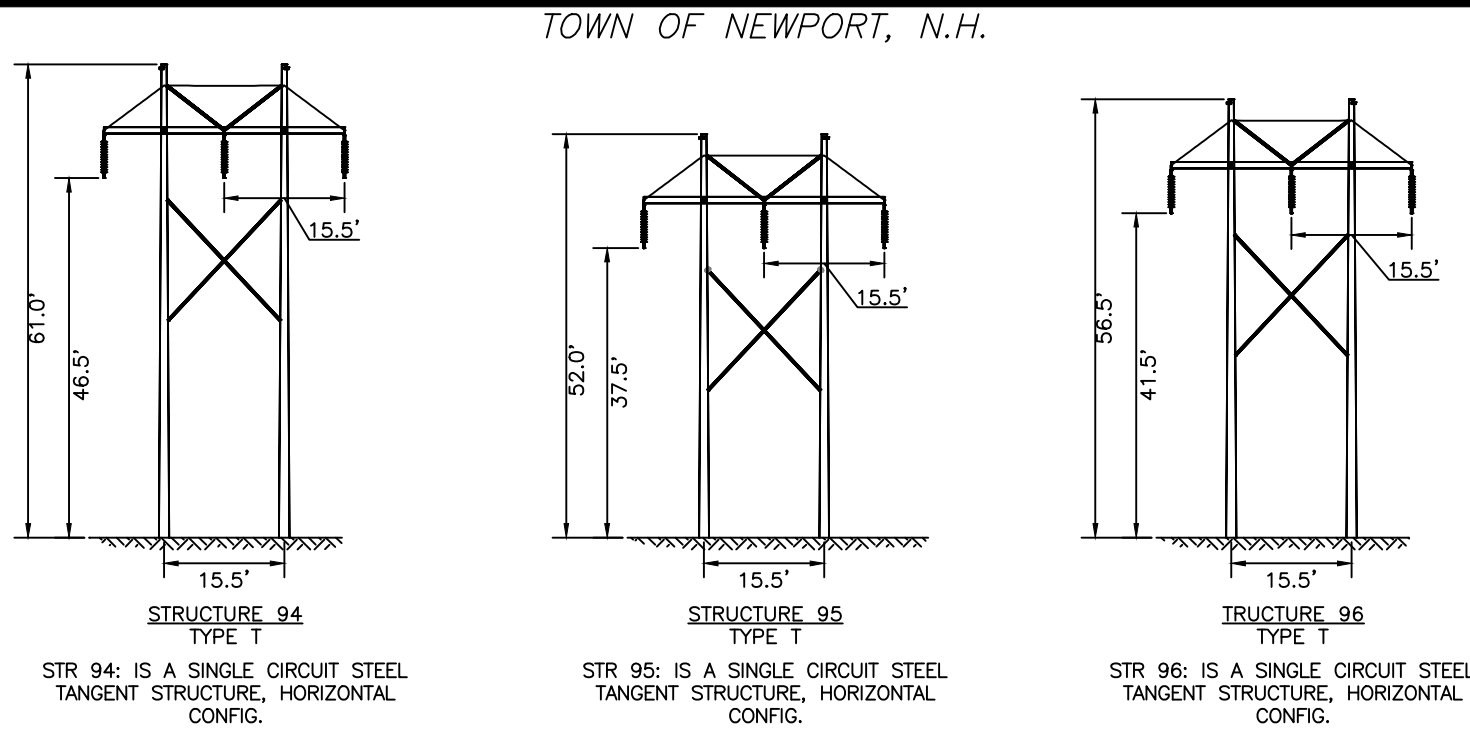
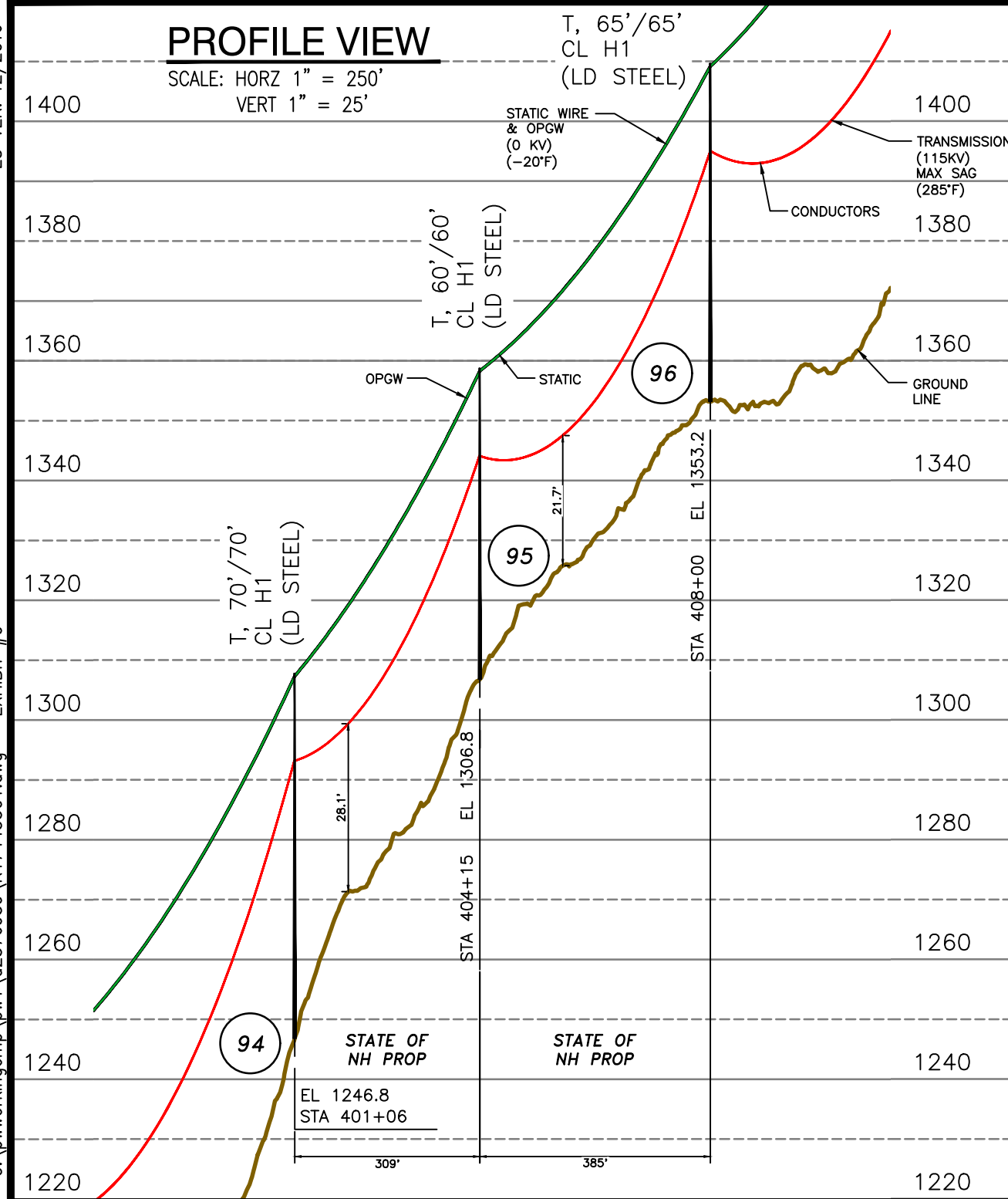
DWG REV	ISSUED TO PUC	07/02/20	SEK	BRS	GEL	
	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1						

ES VER: 12/2016

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PROFILE VIEW

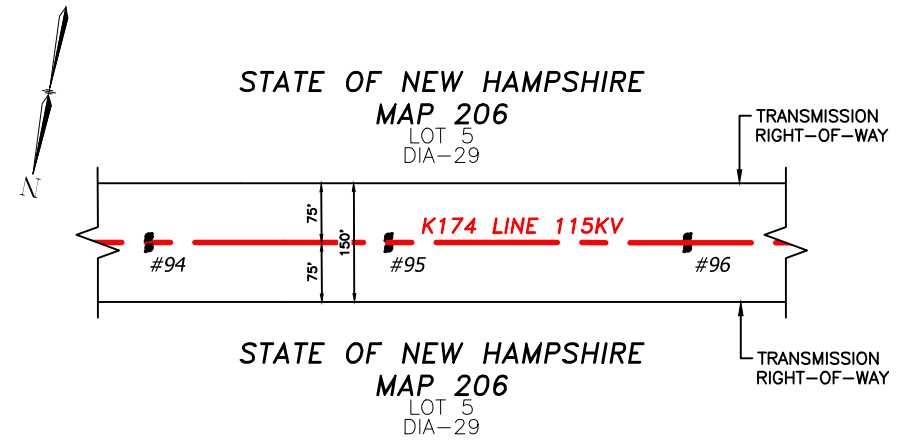
SCALE: HORZ 1" = 250'
VERT 1" = 25'



STRUCTURE DETAILS

SCALE: NTS

NEC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE (kV)
	115
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	16.1



PLAN VIEW

SCALE: 1" = 250'
PARCEL LINEWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

- NOTES:
1. VERTICAL DATUM IS NAVD88 IN FEET.
 2. COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
 3. POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.
 4. WIDTH OF STATE OF NH PROP FROM EAST OF STR. #75 TO WEST OF STR. #102 IS 11,687.7'. ADDITIONAL STATE LAND CROSSING WIDTH OF 175' BETWEEN STR. #103 AND THE EASTERLY BOUNDARY OF THE CORNISH TURNPIKE ROW.

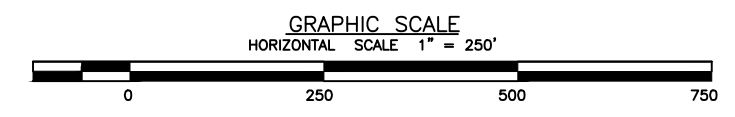
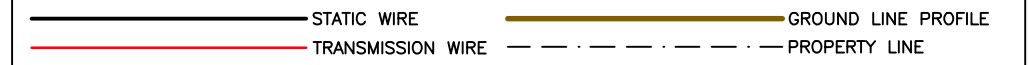
STRUCTURE LOCATION:

- STR. #94 - LAT.= 43°25'0.495"N
LONG.= 72°14'33.578"W
- STR. #95 - LAT.= 43°24'59.885"N
LONG.= 72°14'37.683"W
- STR. #96 - LAT.= 43°24'59.125"N
LONG.= 72°14'42.797"W

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800

PROFILE LEGEND:



EVERSOURCE ENERGY

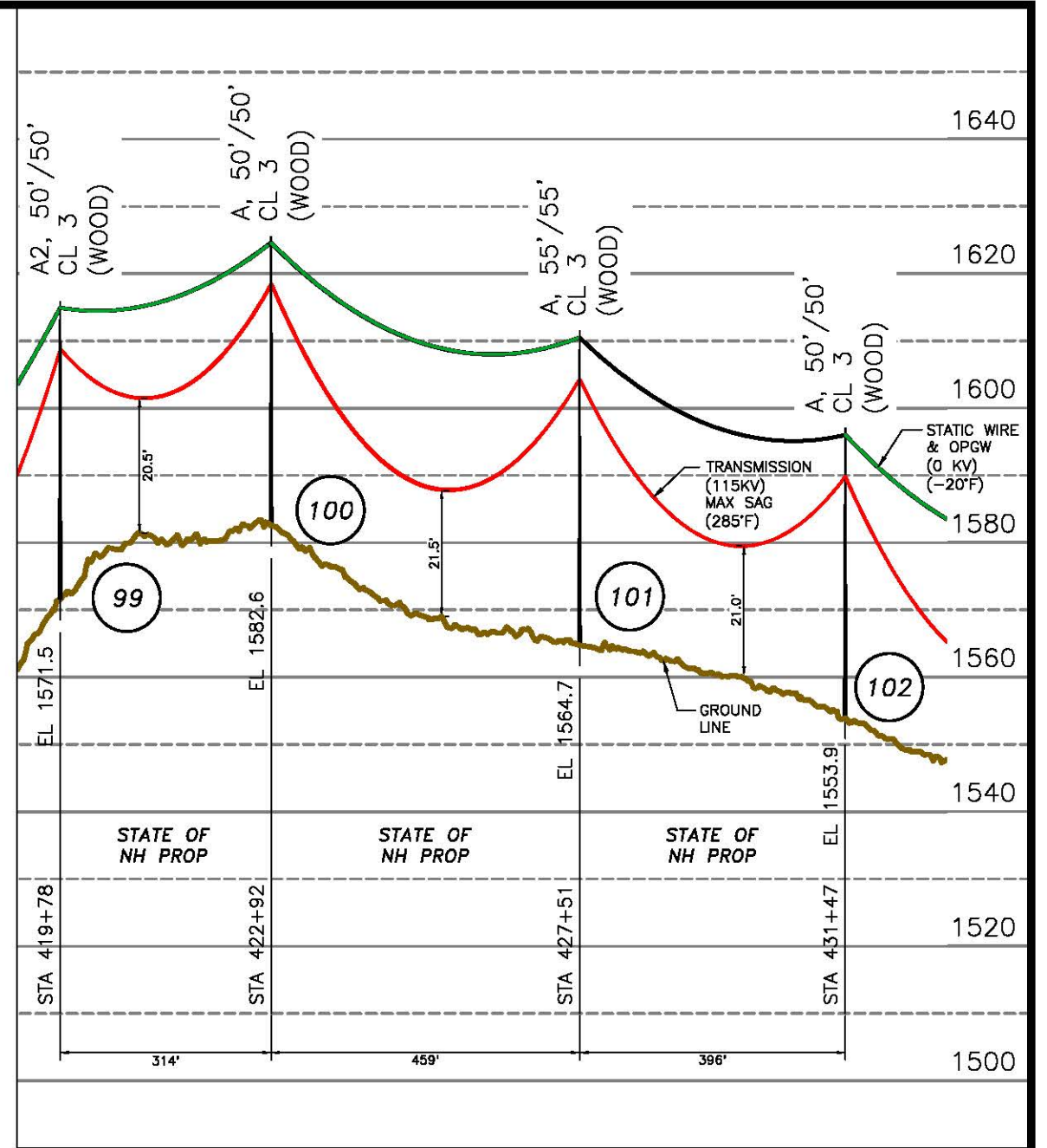
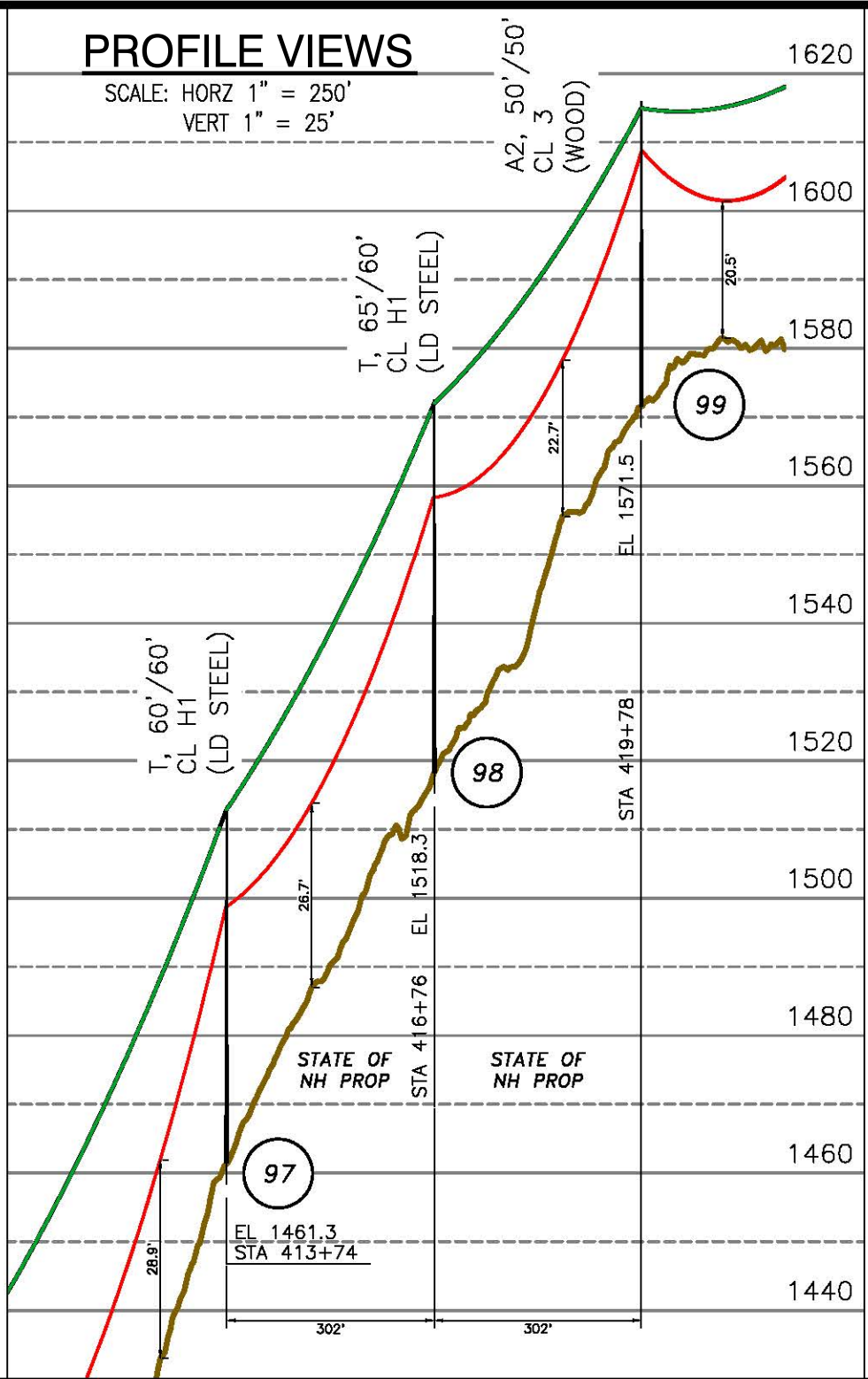
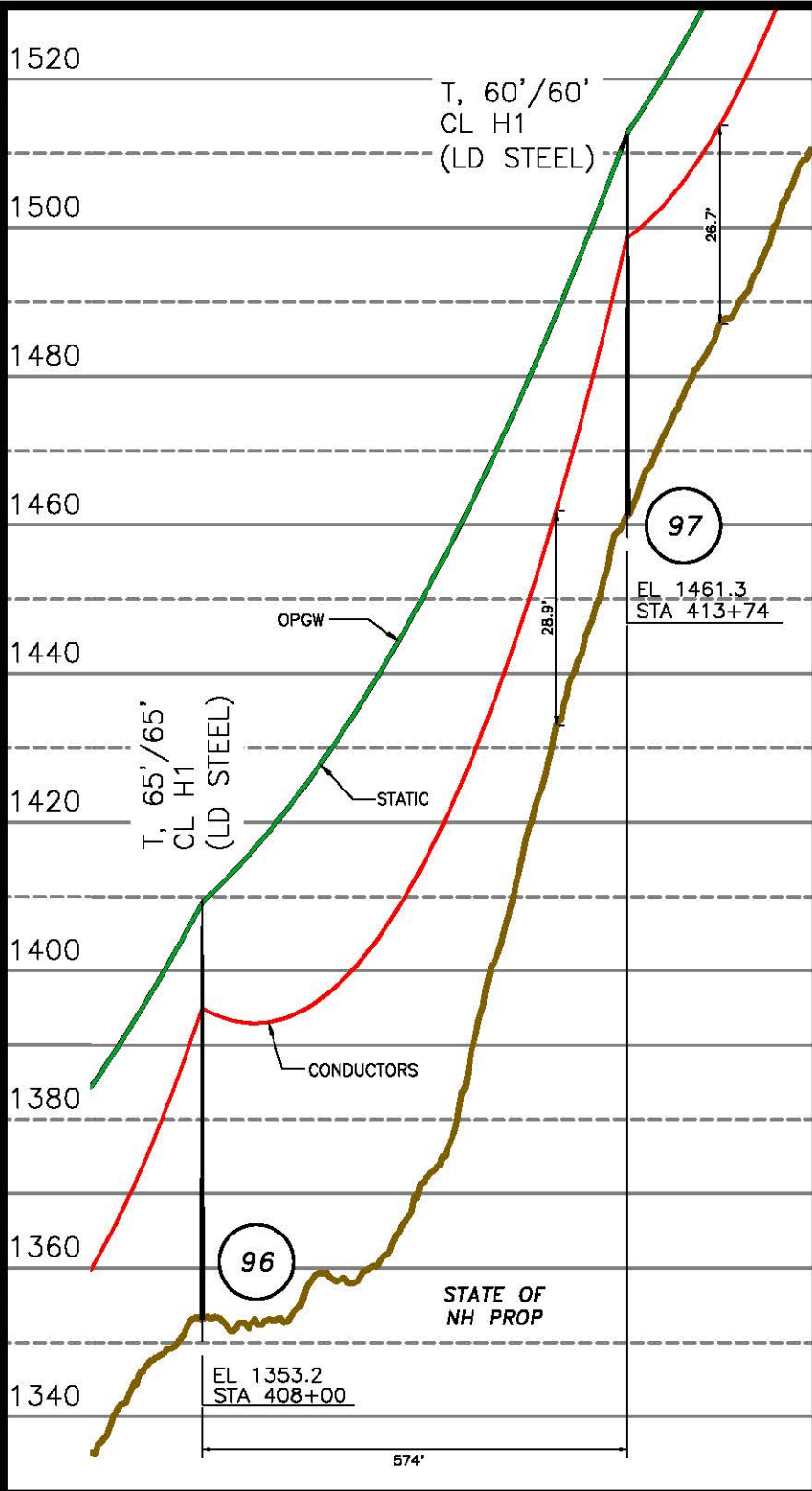
LINE K174 115KV TRANSMISSION
STATE OWNED LAND CROSSING
NEWPORT, N.H.
EXHIBIT #9

DATE: 07/02/20

DRAWING NO. K17443501

DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	ISSUED TO PUC			07/02/20	SEK	BRS	GEL

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NOTES:
 1. VERTICAL DATUM IS NAVD88 IN FEET.
 2. COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
 3. POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.
 4. WIDTH OF STATE OF NH PROP FROM EAST OF STR. #75 TO WEST OF STR. #102 IS 11,687.7'. ADDITIONAL STATE LAND CROSSING WIDTH OF 175' BETWEEN STR. #103 AND THE EASTERLY BOUNDARY OF THE CORNISH TURNPIKE ROW.

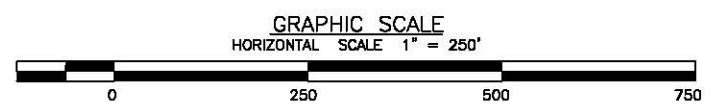
STRUCTURE LOCATION:
 SEE CORRESPONDING PLAN
 VIEW FOR LAT/LONG.

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800

PROFILE LEGEND:

	OPGW
	STATIC WIRE
	TRANSMISSION WIRE
	GROUND LINE PROFILE
	PROPERTY LINE



EVERSOURCE ENERGY

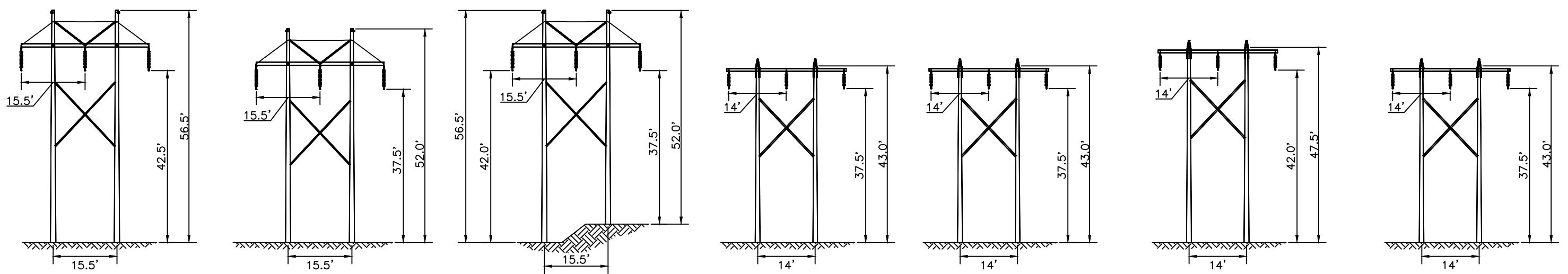
LINE K174 115KV TRANSMISSION
 STATE OWNED LAND CROSSING
 NEWPORT, N.H.
 EXHIBIT #10

DRAWN DRL/TRC	T 1
ENGINEER GEL/TRC	
CHECKED SAL/TRC	
APPROVED GEL/TRC	
DATE 07/02/20	

DRAWING NO.
K17443501

1	ISSUED TO PUC	07/02/20	SEK	BRS	GEL
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD

TOWN OF NEWPORT, N.H.



STRUCTURE 96
TYPE T
STR 96: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 97
TYPE T
STR 97: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 98
TYPE T
STR 98: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 99
TYPE A2
STR 99: IS A SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 100
TYPE A
STR 100: IS A SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

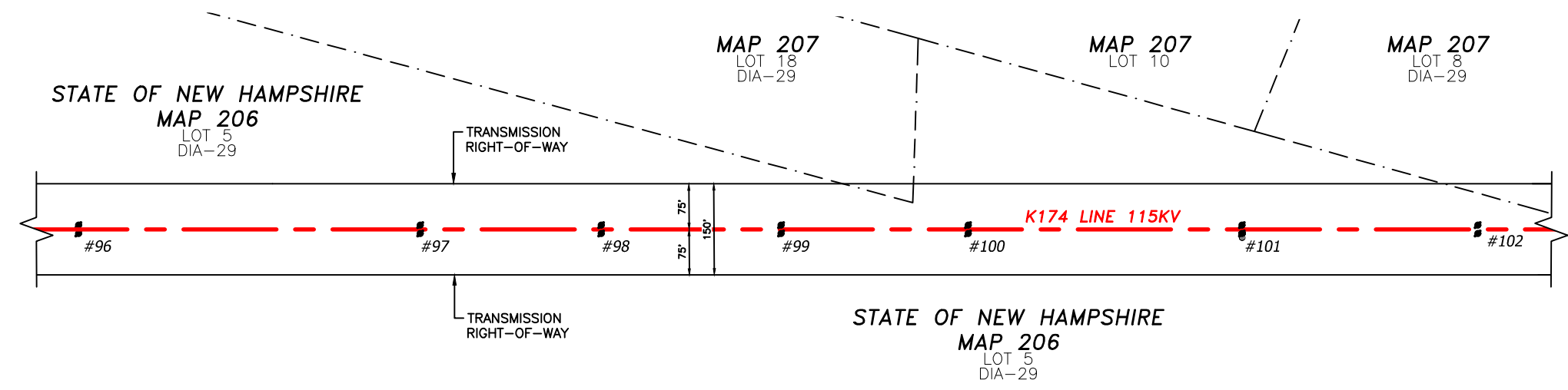
STRUCTURE 101
TYPE A
STR 101: IS A SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 102
TYPE A
STR 102: IS A SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE DETAILS

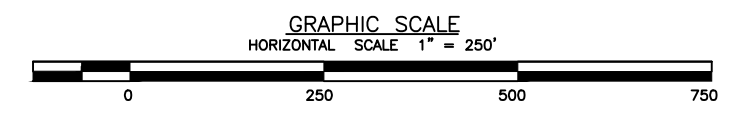
SCALE: NTS

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE (kv) 115
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	16.1



PLAN VIEW

SCALE: 1" = 250'
PARCEL LINEWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

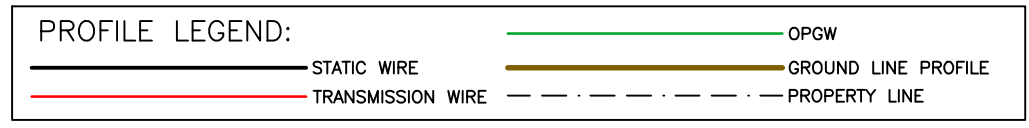


- STRUCTURE LOCATION:**
- STR. #96 - LAT.= 43°24'59.125"N
LONG.= 72°14'42.797"W
 - STR. #97 - LAT.= 43°24'57.993"N
LONG.= 72°14'50.405"W
 - STR. #98 - LAT.= 43°24'57.395"N
LONG.= 72°14'54.426"W
 - STR. #99 - LAT.= 43°24'56.808"N
LONG.= 72°14'58.434"W
 - STR. #100 - LAT.= 43°24'56.185"N
LONG.= 72°15'2.598"W
 - STR. #101 - LAT.= 43°24'55.271"N
LONG.= 72°15'8.692"W
 - STR. #102 - LAT.= 43°24'54.498"N
LONG.= 72°15'13.944"W

- NOTES:**
- VERTICAL DATUM IS NAVD88 IN FEET.
 - COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
 - POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.
 - WIDTH OF STATE OF NH PROP FROM EAST OF STR. #75 TO WEST OF STR. #102 IS 11,687.7'. ADDITIONAL STATE LAND CROSSING WIDTH OF 175' BETWEEN STR. #103 AND THE EASTERLY BOUNDARY OF THE CORNISH TURNPIKE ROW.

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800



EVERSOURCE ENERGY

LINE K174 115KV TRANSMISSION
STATE OWNED LAND CROSSING
NEWPORT, N.H.
EXHIBIT #10

T	1
DRAWN	DRL/TRC
ENGINEER	GEL/TRC
CHECKED	SAL/TRC
APPROVED	GEL/TRC
DATE	07/02/20

SCALE AS SHOWN FILE: K17443501.DWG DRAWING NO. K17443501

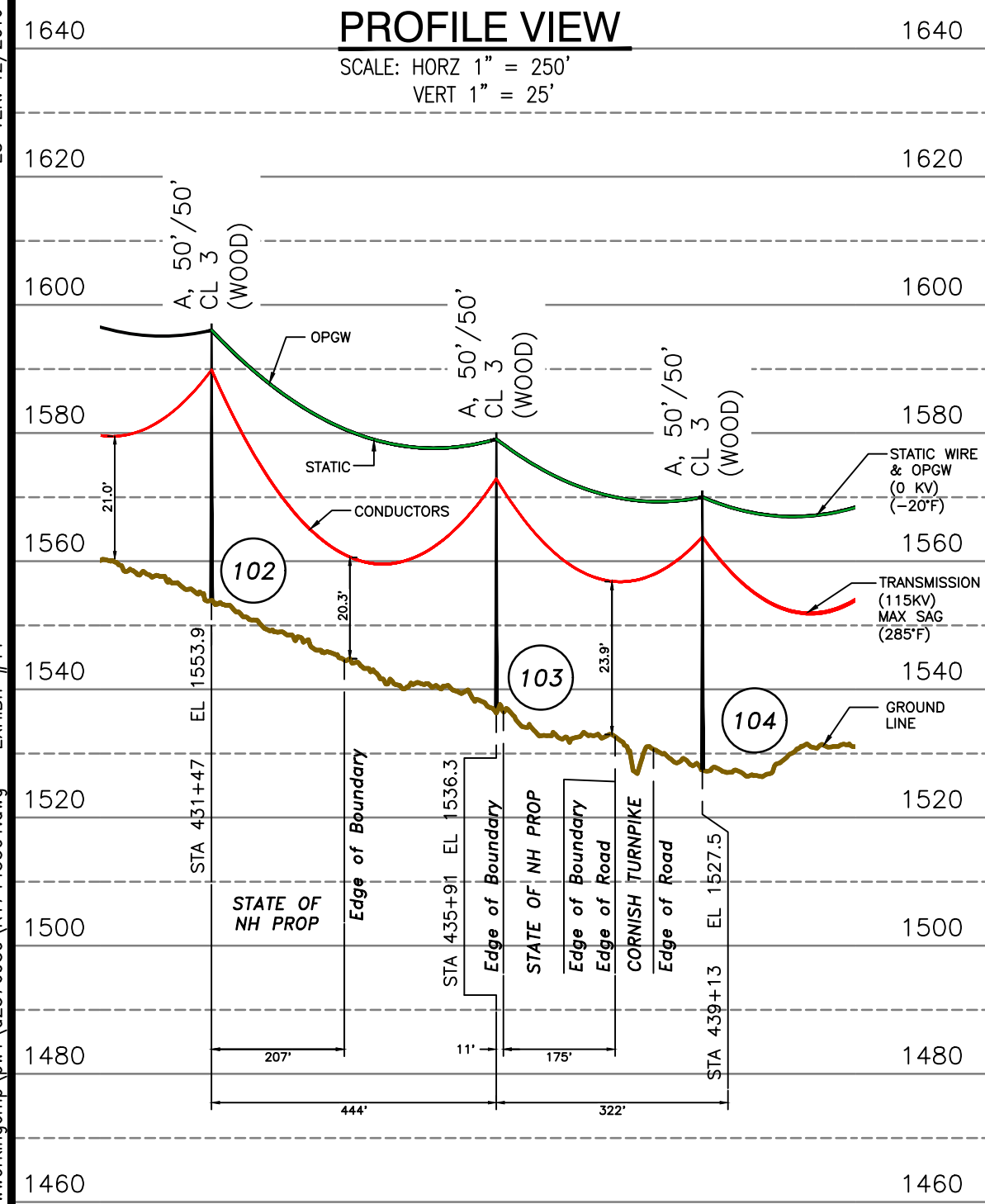
1	ISSUED TO PUC	07/02/20	SEK	BRS	GEL
DWG REV	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD

ES VER: 12/2016

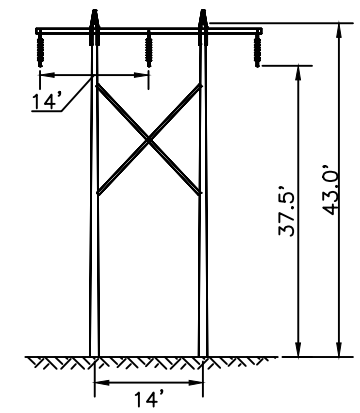
6/28/2020 1:19 PM - Skern - C:\pwworkingemp\pw1\d2576959\K17443501.dwg - EXHIBIT #11

PROFILE VIEW

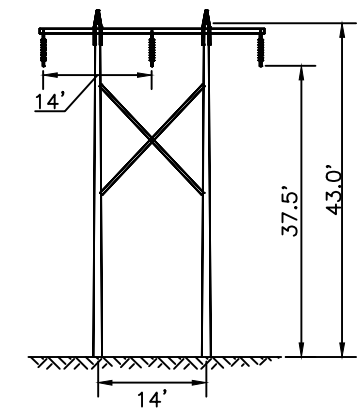
SCALE: HORZ 1" = 250'
VERT 1" = 25'



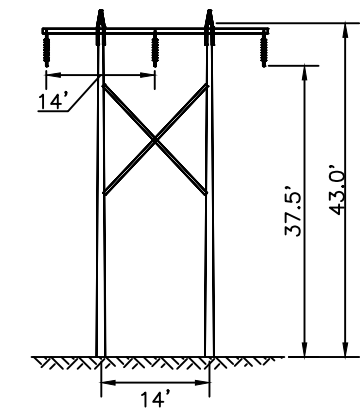
TOWN OF NEWPORT, N.H.



STRUCTURE 102
TYPE A
STR 102: IS A SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.



STRUCTURE 103
TYPE A
STR 103: IS A SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.



STRUCTURE 104
TYPE A
STR 104: IS A SINGLE CIRCUIT WOOD TANGENT STRUCTURE, HORIZONTAL CONFIG.

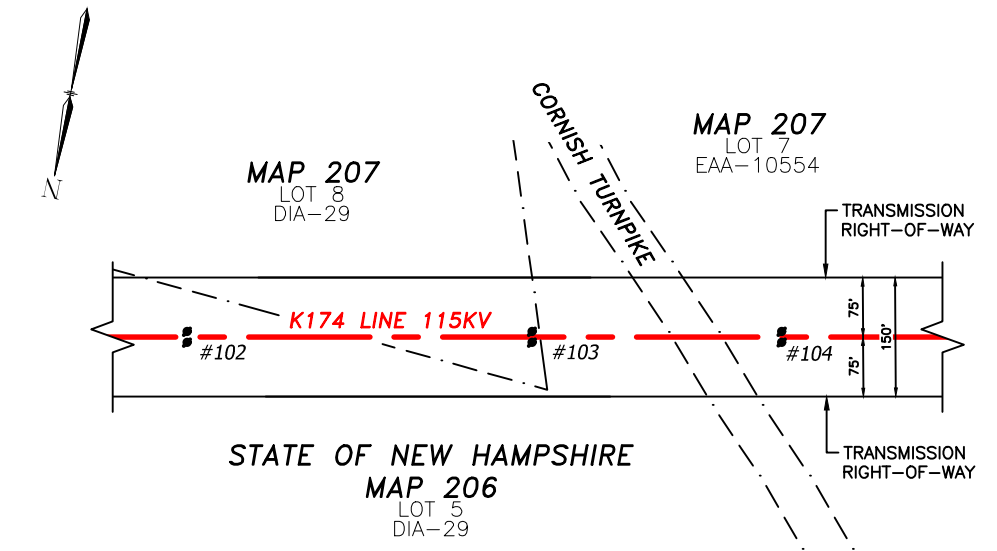
STRUCTURE DETAILS

SCALE: NTS

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE (kv)
	115
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	16.1

NOTES:

1. VERTICAL DATUM IS NAVD88 IN FEET.
2. COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
3. POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.
4. WIDTH OF STATE OF NH PROP FROM EAST OF STR. #75 TO WEST OF STR. #102 IS 11,687.7'. ADDITIONAL STATE LAND CROSSING WIDTH OF 175' BETWEEN STR. #103 AND THE EASTERLY BOUNDARY OF THE CORNISH TURNPIKE ROW.



PLAN VIEW

SCALE: 1" = 250'
PARCEL LINWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

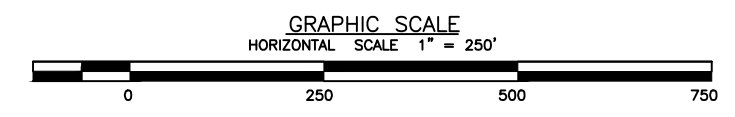
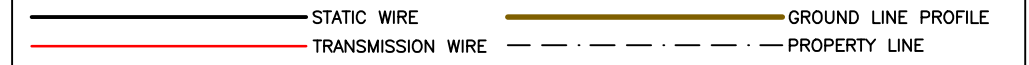
STRUCTURE LOCATION:

- STR. #102 - LAT.= 43°24'54.498"N
LONG.= 72°15'13.944"W
- STR. #103 - LAT.= 43°24'53.61"N
LONG.= 72°15'19.841"W
- STR. #104 - LAT.= 43°24'52.977"N
LONG.= 72°15'24.112"W

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800

PROFILE LEGEND:



LINE K174 115KV TRANSMISSION
STATE OWNED LAND CROSSING
NEWPORT, N.H.
EXHIBIT #11

DWG REV	ISSUED TO PUC	07/02/20	SEK	BRS	GEL
	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD

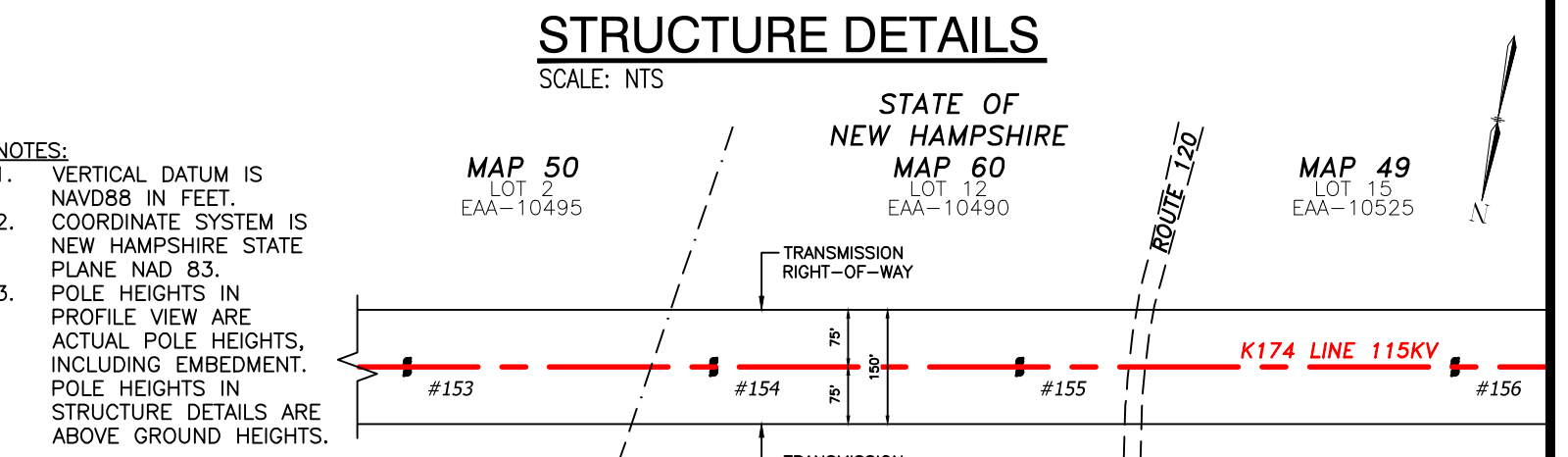
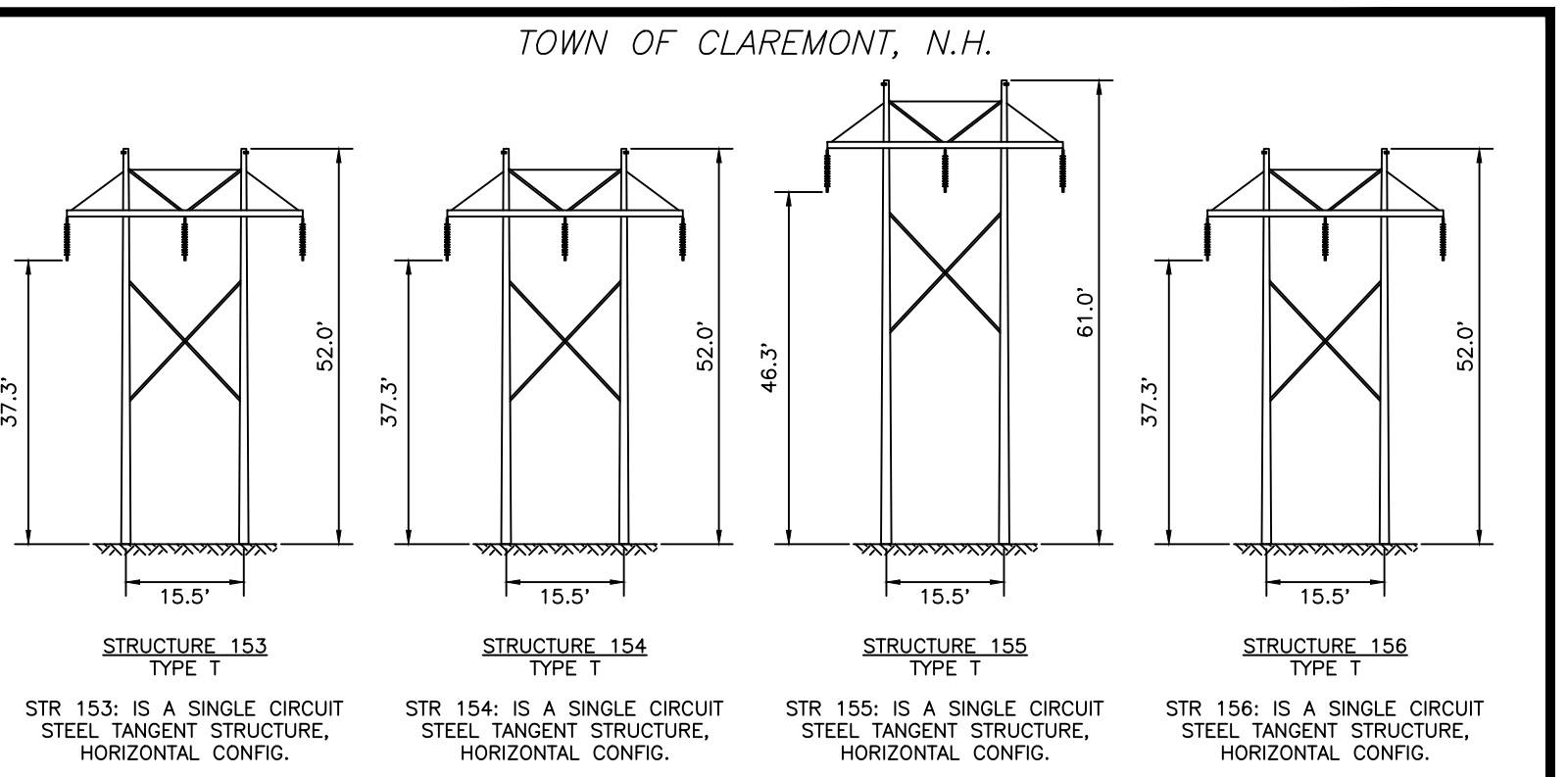
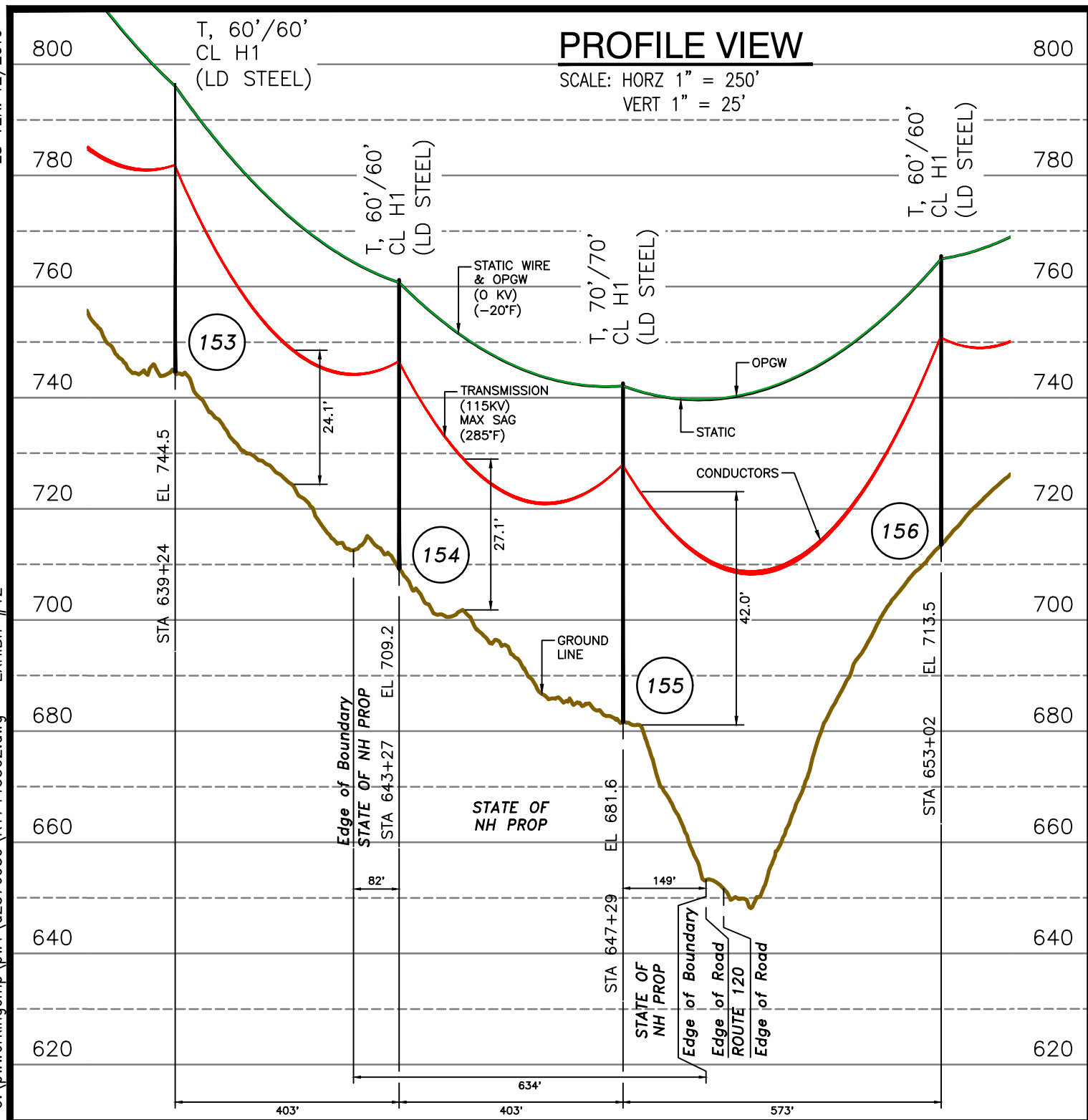
SCALE AS SHOWN	FILE: K17443501.DWG	DRAWING NO. K17443501
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T	1
DRAWN	DRL/TRC
ENGINEER	GEL/TRC
CHECKED	SAL/TRC
APPROVED	GEL/TRC
DATE	07/02/20

ES VER: 12/2016

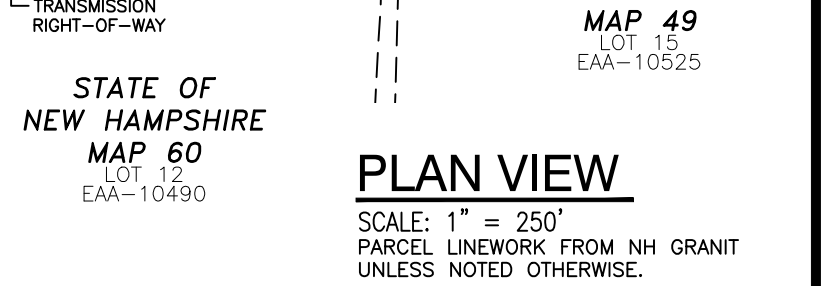
EXHIBIT #12

6/4/2020 1:09 PM - Skern - C:\pwworkingmp\pw1\q2576959\K17443502.dwg



- NOTES:**
- VERTICAL DATUM IS NAVD88 IN FEET. COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
 - POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	LINE VOLTAGE (kV)
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	115
	16.1

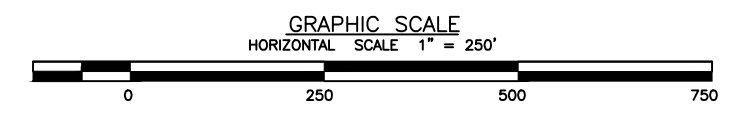
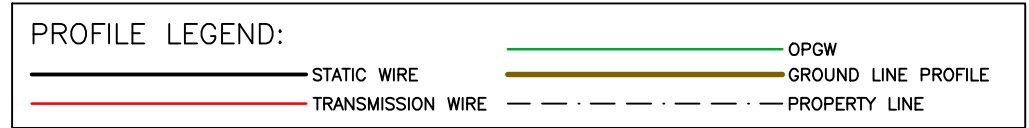


STRUCTURE LOCATION:

STR. #153	- LAT.= 43°24'13.371"N LONG.= 72°19'49.708"W
STR. #154	- LAT.= 43°24'12.571"N LONG.= 72°19'55.056"W
STR. #155	- LAT.= 43°24'11.772"N LONG.= 72°20'0.4"W
STR. #156	- LAT.= 43°24'10.636"N LONG.= 72°20'7.999"W

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
OPGW	1	INCAB OPGW	0.457	245	11,719
STATIC	1	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800



**LINE K174 115KV TRANSMISSION
STATE OWNED LAND CROSSING
CLAREMONT, N.H.
EXHIBIT #12**

<p>SCALE AS SHOWN</p> <p>FILE: K17443502.DWG</p> <p>IMAGE:</p>	<p>DRAWING NO. K17443502</p> <p>DATE 06/12/20</p>
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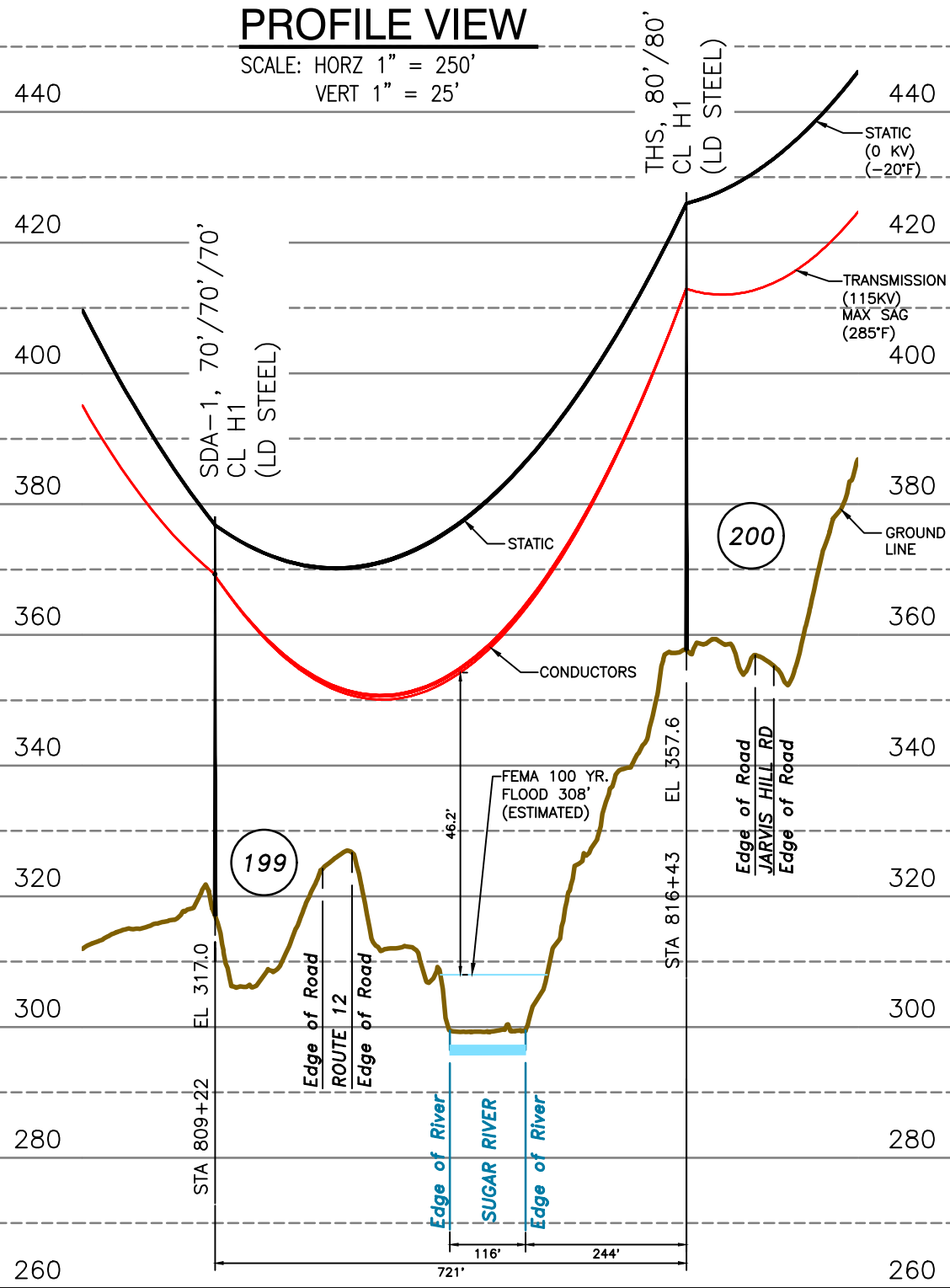
DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	ISSUED TO PUC			06/12/20	SEK	BRS	GEL

ES VER: 12/2016

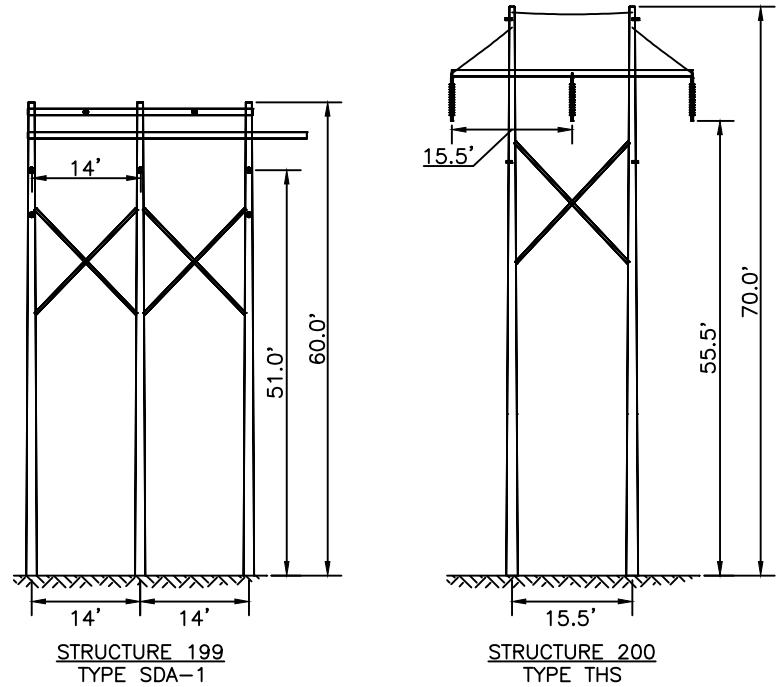
6/4/2020 1:05 PM - Skern - C:\pwworkingmp\pw1\q2576959\K17443903.dwg - EXHIBIT #13

PROFILE VIEW

SCALE: HORZ 1" = 250'
VERT 1" = 25'



TOWN OF CLAREMONT, N.H.

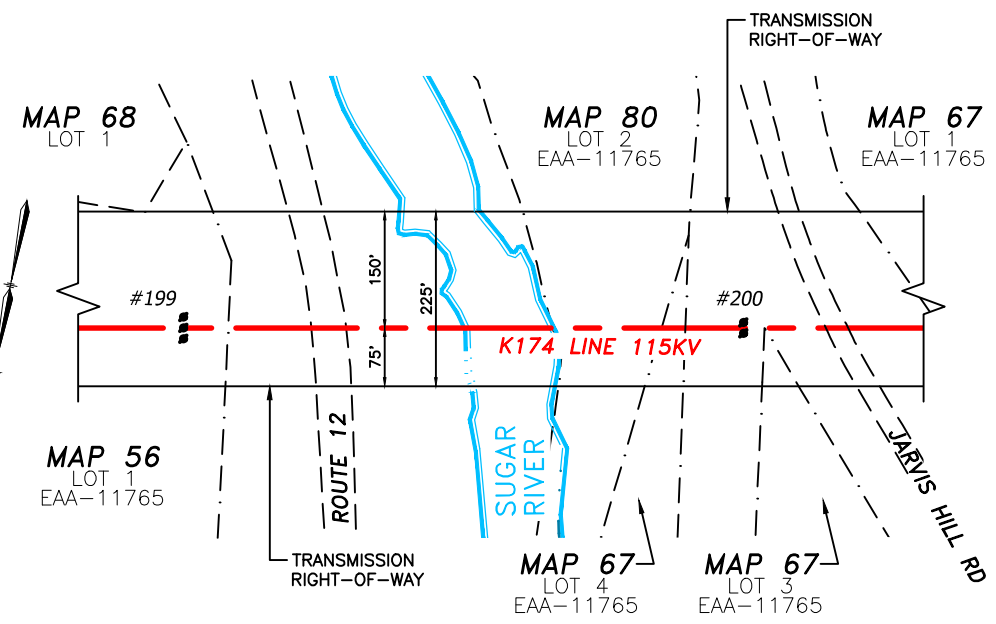


STR 199: IS A SINGLE CIRCUIT STEEL DEADEND STRUCTURE, HORIZONTAL CONFIG., GUYED.
STR 200: IS A SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE DETAILS

SCALE: NTS

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



PLAN VIEW

SCALE: 1" = 250'
PARCEL LINWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

NOTES:

1. VERTICAL DATUM IS NAVD88 IN FEET.
2. COORDINATE SYSTEM IS NEW HAMPSHIRE STATE PLANE NAD 83.
3. FEMA MAP FOR SELECTED AREA #33019C0144E, DATED 05/23/2006.
4. POLE HEIGHTS IN PROFILE VIEW ARE ACTUAL POLE HEIGHTS, INCLUDING EMBEDMENT. POLE HEIGHTS IN STRUCTURE DETAILS ARE ABOVE GROUND HEIGHTS.

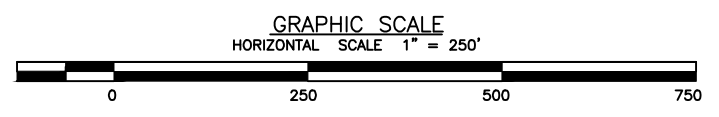
STRUCTURE LOCATION:

STR. #199 - LAT.= 43°23'44.094"N
LONG.= 72°23'23.693"W
STR. #200 - LAT.= 43°23'40.959"N
LONG.= 72°23'32.469"W

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
STATIC	2	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 36/1 ACSR COOT	1.040	803.6	16,800

PROFILE LEGEND:

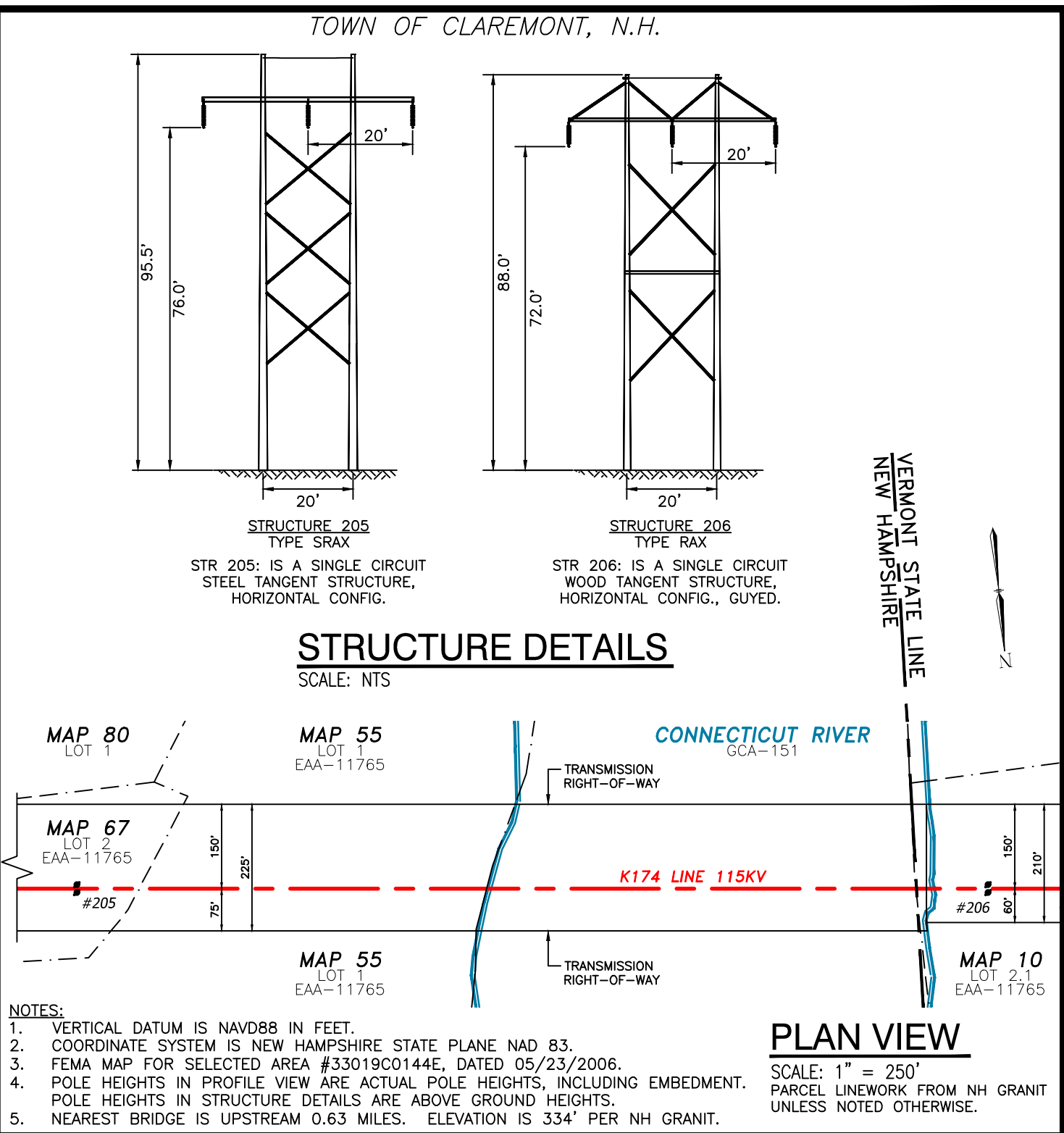
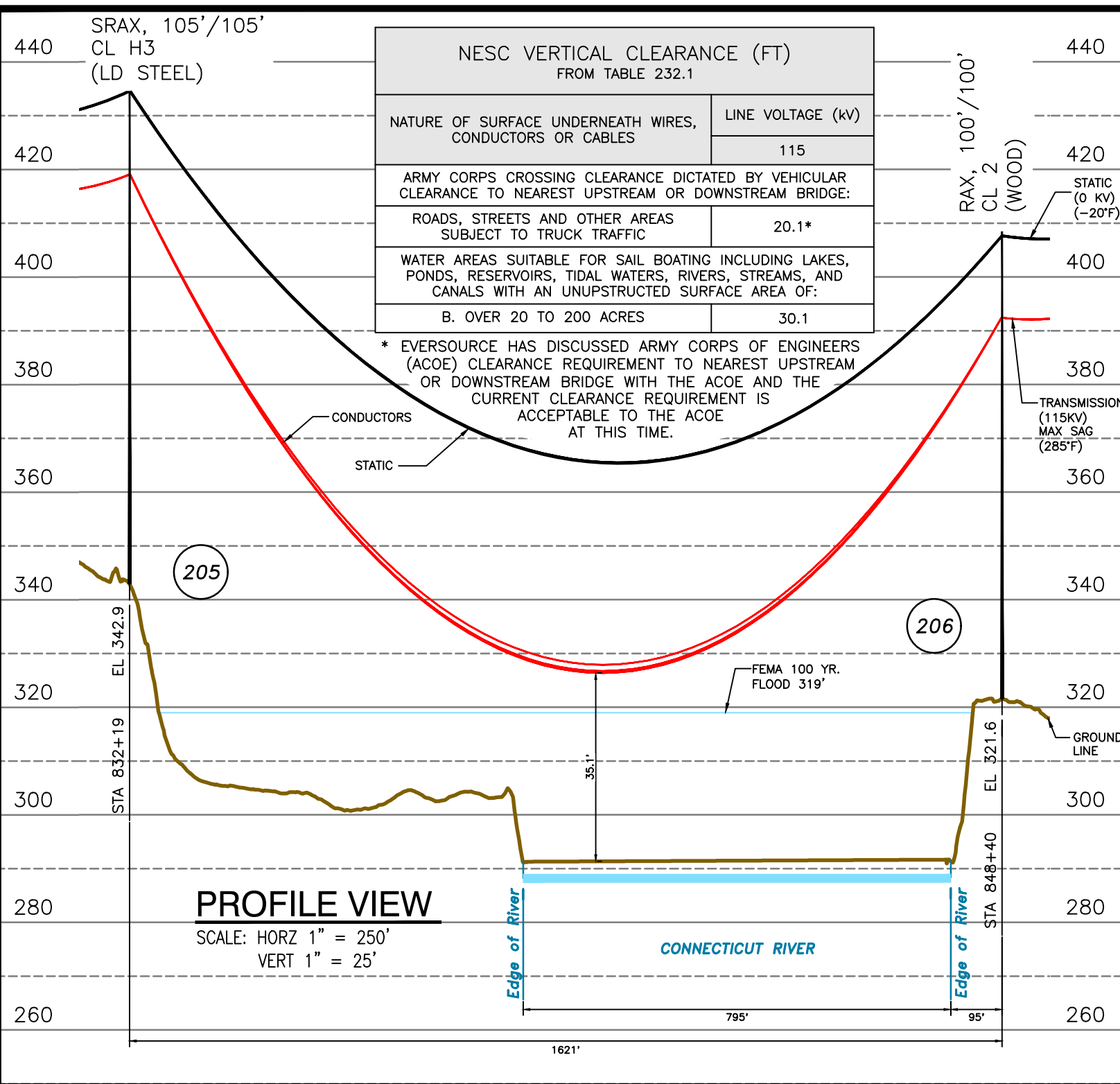


LINE K174 115KV TRANSMISSION
SUGAR RIVER PUBLIC WATERS CROSSING
CLAREMONT, N.H.
EXHIBIT #13

T	1
DRAWN	DRL/TRC
ENGINEER	GEL/TRC
CHECKED	SAL/TRC
APPROVED	GEL/TRC
DATE	06/12/20

DWG REV	1	ISSUED TO PUC	06/12/20	SEK	BRS	GEL	SCALE AS SHOWN	FILE: K17443903.DWG	DRAWING NO. K17443903
		EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR	IMAGE:	

6/26/2020 2:58 PM - Skern - C:\pwworking\pwworking\p1\d2576959\K17443904.dwg - EXHIBIT #14 ES VER: 12/2016



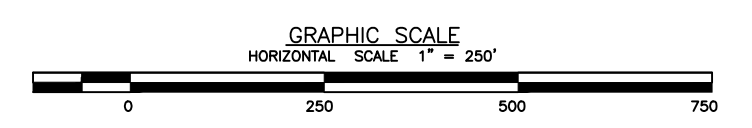
STRUCTURE LOCATION:

STR. #205 - LAT.= 43°23'38.428"N
LONG.= 72°23'52.723"W

STR. #206 - LAT.= 43°23'39.797"N
LONG.= 72°24'14.604"W

CABLE SCHEDULE:

WIRE	# OF CABLES	TYPE	DIA. (IN.)	WEIGHT/1000 FT	CABLE STRENGTH (LBS.)
STATIC	2	7#8 ALUMOWELD	0.385	262	15,930
TRANSMISSION COND.	3	795 KCM 26/7 ACSR DRAKE	1.108	1093.4	31,500



DWG REV	ISSUED TO PUC	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR
1	ISSUED TO PUC			07/02/20	SEK	BRS	GEL

EVERSOURCE ENERGY

LINE K174 115KV TRANSMISSION
CONNECTICUT RIVER PUBLIC WATERS CROSSING
CLAREMONT, N.H.
EXHIBIT #14

SCALE: AS SHOWN FILE: K17443904.DWG DRAWING NO. K17443904

T	1
DRAWN	DRL/TRC
ENGINEER	GEL/TRC
CHECKED	SAL/TRC
APPROVED	GEL/TRC
DATE	07/02/20