

*Note: This page intentionally left blank*

**EXHIBIT 3: SUBSTATION DRAWINGS**

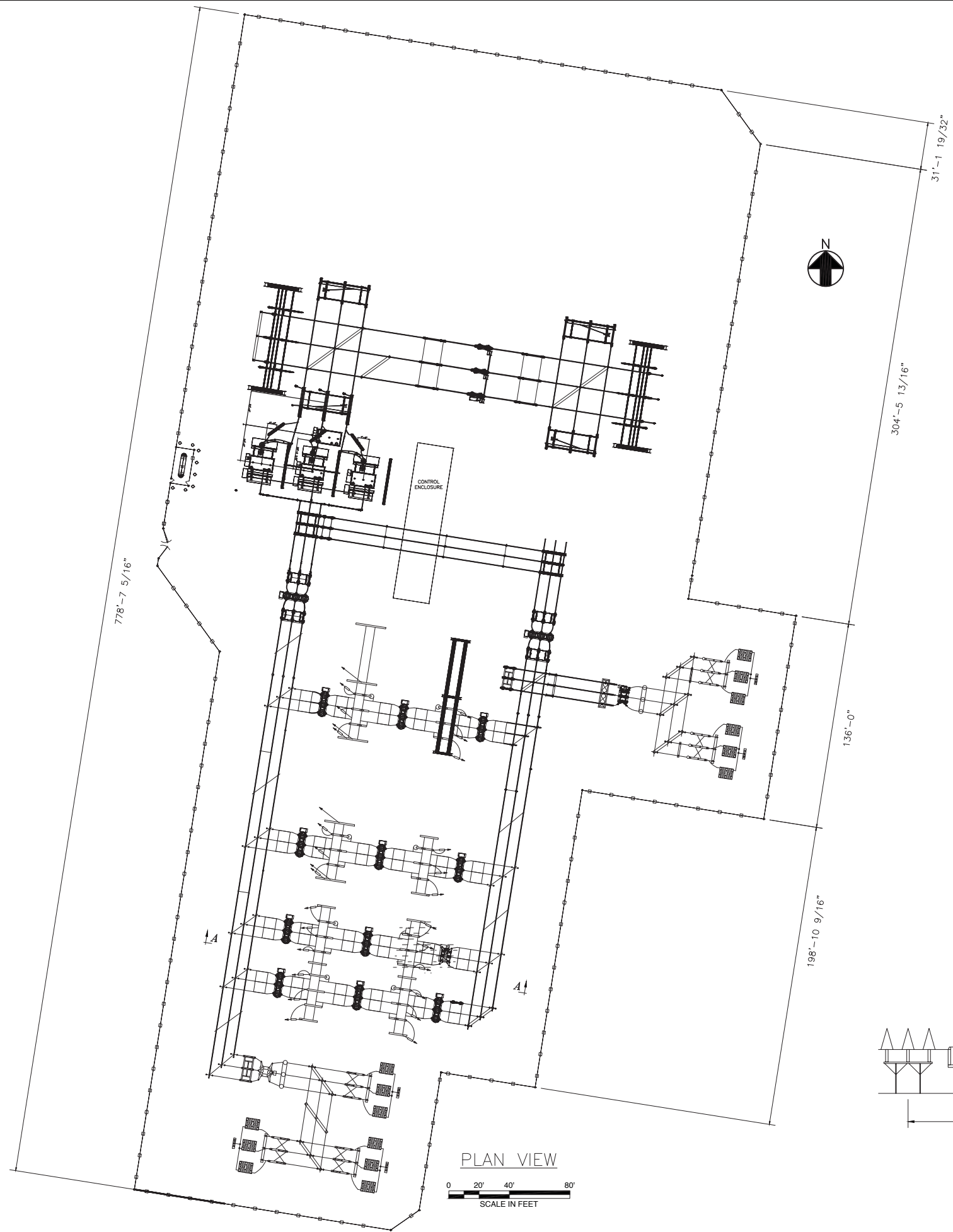
**APPENDIX 3A: PROPOSED FROST BRIDGE SUBSTATION MODIFICATIONS**

**APPENDIX 3B: PROPOSED CAMPVILLE SUBSTATION MODIFICATIONS**

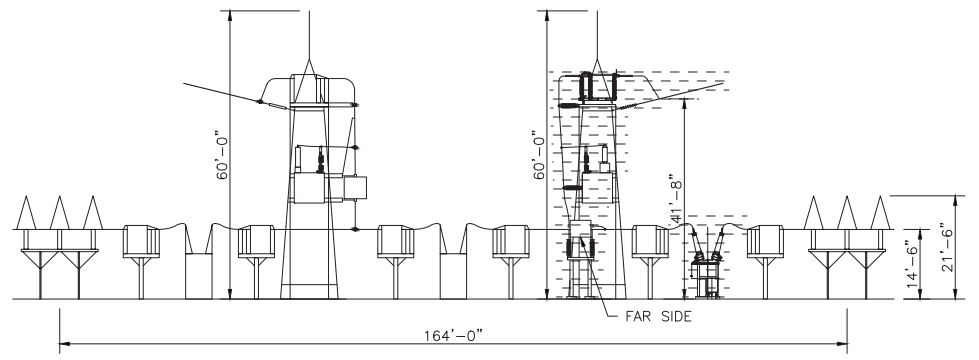
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**APPENDIX 3A: PROPOSED FROST BRIDGE SUBSTATION MODIFICATIONS**

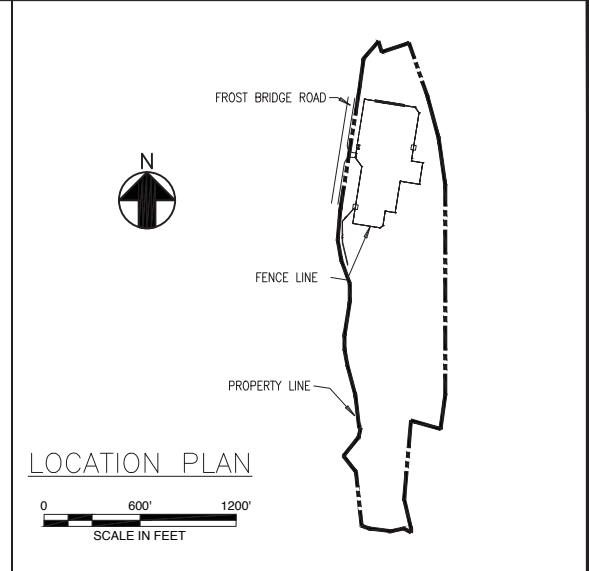
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PLAN VIEW  
 0 20' 40' 80'  
 SCALE IN FEET



SECTION A-A  
 0 10' 20' 40'  
 SCALE IN FEET



LOCATION PLAN  
 0 600' 1200'  
 SCALE IN FEET

LEGEND

- EXISTING SUBSTATION FENCE
- - - - 2018 ADDITION

REV. 1 - 5/29/15  
 SUBSTATION ADDITION

REVISIONS DURING CONSTRUCTION					
NO.	DATE	BY	DESCRIPTION	APP.	DATE

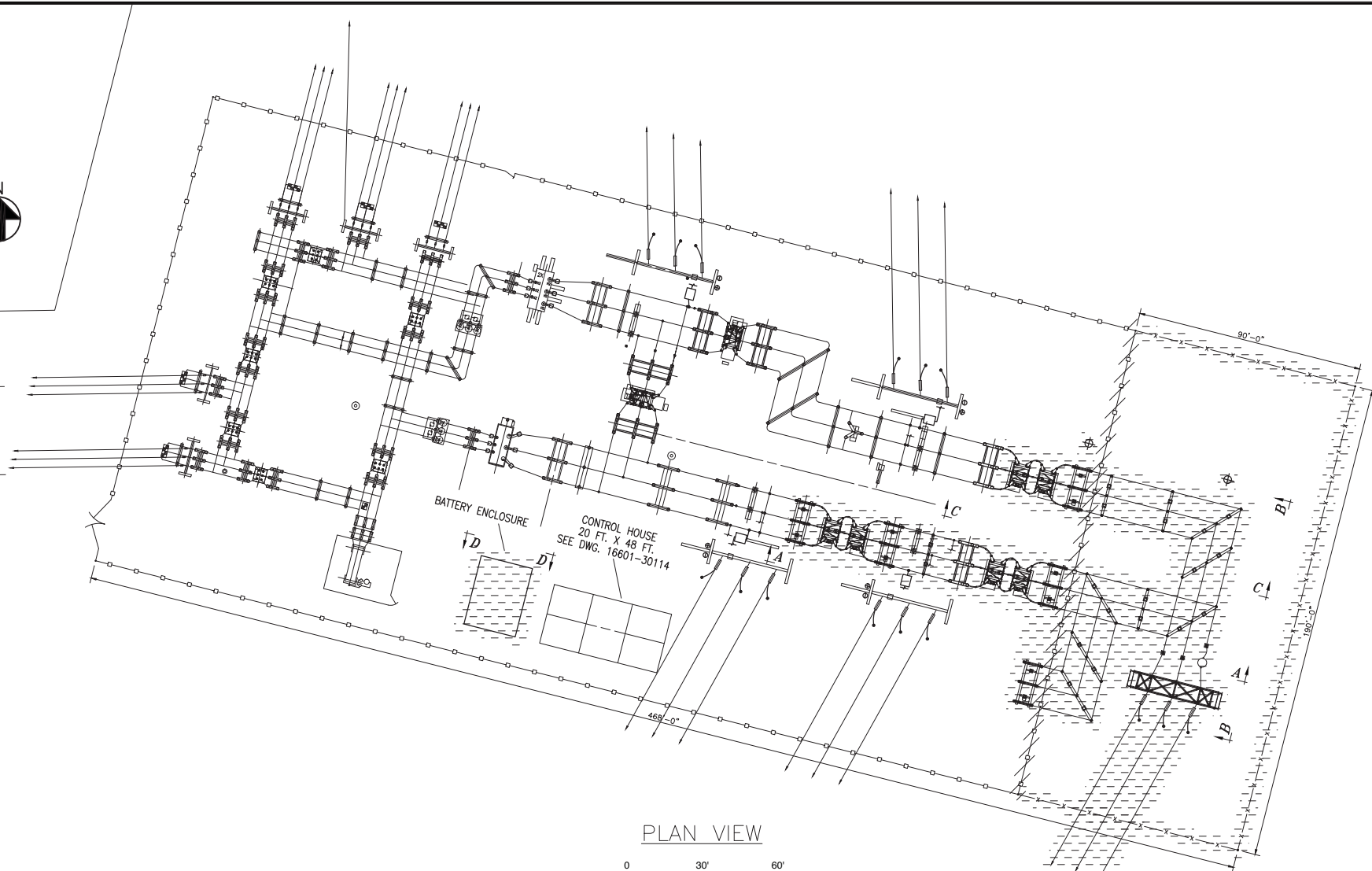
<b>EVERSOURCE ENERGY</b>					
FROST BRIDGE SUBSTATION YARD ARRANGEMENT - PLAN & SECTIONS CONNECTICUT SITING COUNCIL WATERTOWN, CT					
BY	WSP	GRD	WSP	APP	RJP
DATE	6/14/07	DATE	6/14/07	DATE	6/15/07
APP	AS NOTED	SIZE	D	FIELD BOOK & PAGES	
Y-SCALE	N/A	T.S.		REV. DWG	
REV. PROJ. NUMBER					25306-92001

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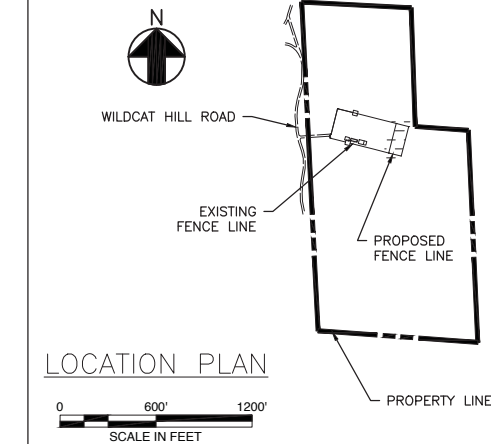
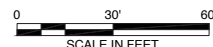
**APPENDIX 3B: PROPOSED CAMPVILLE SUBSTATION MODIFICATIONS**



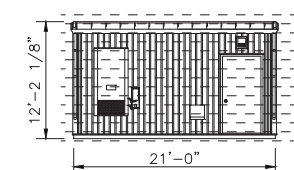
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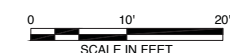
PLAN VIEW



LOCATION PLAN

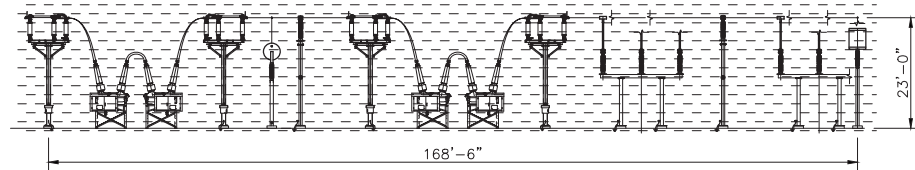


SECTION D-D

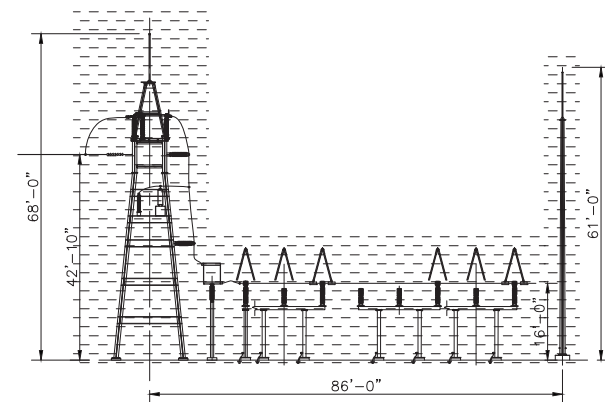
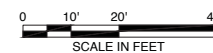


LEGEND

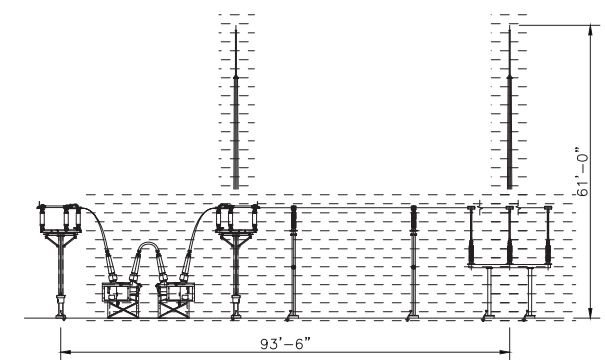
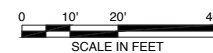
- EXISTING SUBSTATION FENCE
- EXPANDED SUBSTATION FENCE
- 2018 ADDITION
- 2018 REMOVAL



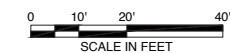
SECTION A-A



SECTION B-B



SECTION C-C



REV. 4 - 12/14/15  
SUBSTATION ADDITION

REVISIONS DURING CONSTRUCTION					
NO.	DATE	BY	DESCRIPTION	APP. NAME	DATE

FILE: CAMPVILLE SUBSTATION YARD ARRANGEMENT - PLAN & SECTIONS					
CONNECTICUT SITING COUNCIL					
HARWINTON, CT					
BY	AJM (BMcD)	DRD	MC (BMcD)	APP	DPK (BMcD)
DATE	5/27/15	DATE		DATE	
BY-SCALE	AS NOTED	SIZE	D	FIELD BOOK & PAGES	
BY-SCALE	N/A	T.S.		R.E. DWG	
R.E. PROJ. NUMBER					16601-92001

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**EXHIBIT 4: PROPOSED ROUTE CROSS SECTIONS AND PLAN AND PROFILE DRAWINGS**

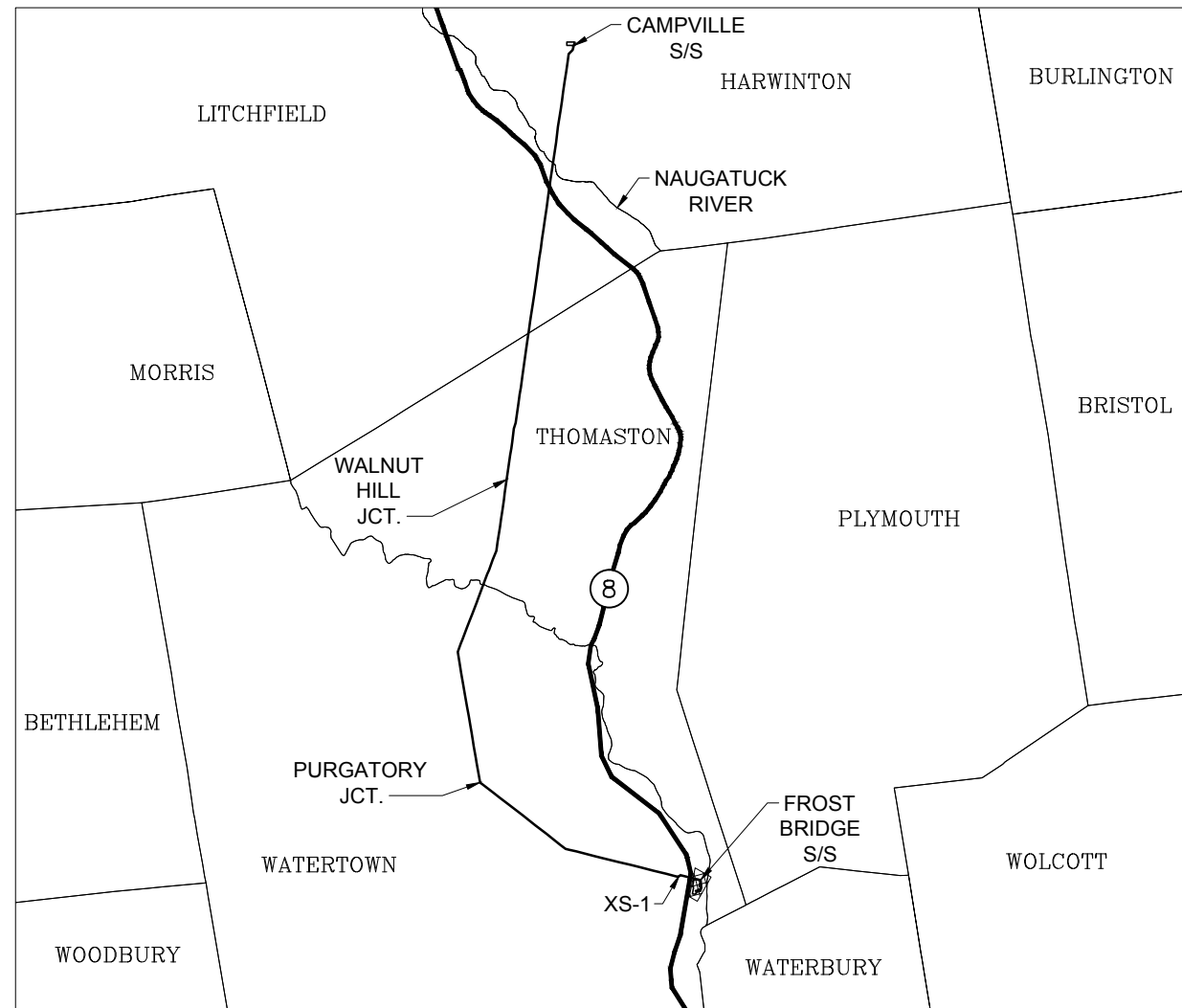
**APPENDIX 4A: TYPICAL CROSS SECTIONS**

**APPENDIX 4B: PLAN AND PROFILE DRAWINGS**

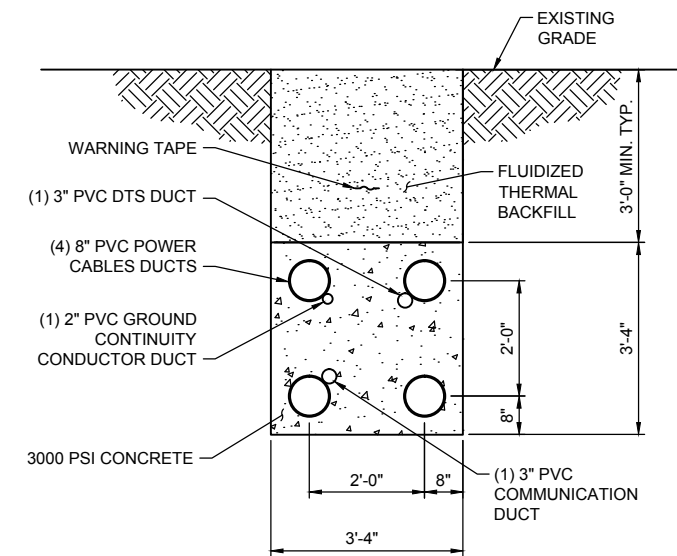
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## **APPENDIX 4A: TYPICAL CROSS SECTIONS**

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KEY MAP  
NOT TO SCALE



TYPICAL 115-kV DUCT BANK SECTION  
NOT TO SCALE

PROPOSED ORIENTATION

FROST BRIDGE SUBSTATION LINE EXIT

IN THE TOWN OF  
WATERTOWN

LOOKING  
SOUTH, EAST AND NORTH

(0.1 MILE)

PRELIMINARY DESIGN

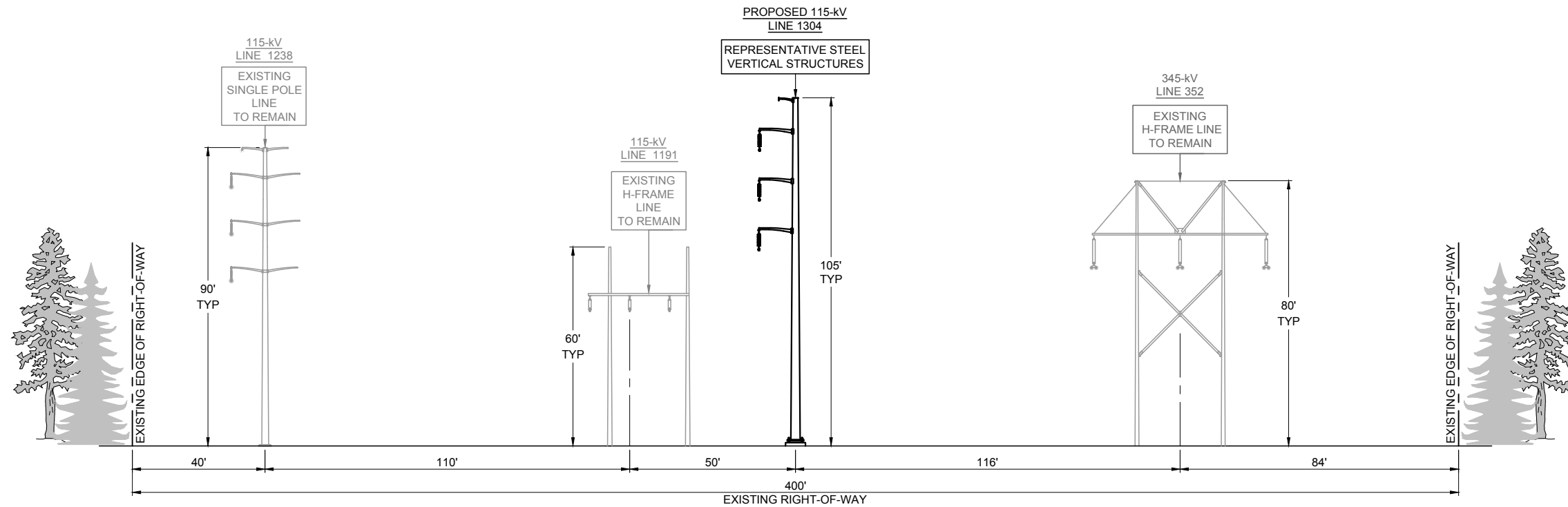
NOTES:

1. NEW TRANSMISSION LINE ALIGNMENT ON EVERSOURCE-OWNED PROPERTY.
2. DOES NOT INCLUDE THE LENGTH OF THE OVERHEAD TRANSMISSION LINE FROM THE SUBSTATION TERMINAL STRUCTURE TO THE TRANSITION STRUCTURE OUTSIDE THE FENCE LINE. THE LINE EXIT IS SHOWN IN FIGURE 3-2 OF VOLUME 1 AND EXHIBIT 1 AND 2 OF VOLUME 5.

TITLE <b>FROST BRIDGE TO CAMPVILLE 115-kV PROJECT FROST BRIDGE SUBSTATION LINE EXIT</b>			
BY C. KUNTZ	CHKD D. GOGOL	APP	APP
DATE 12/4/15	DATE 12/4/15	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	<b>XS-1</b>
P.A. #			



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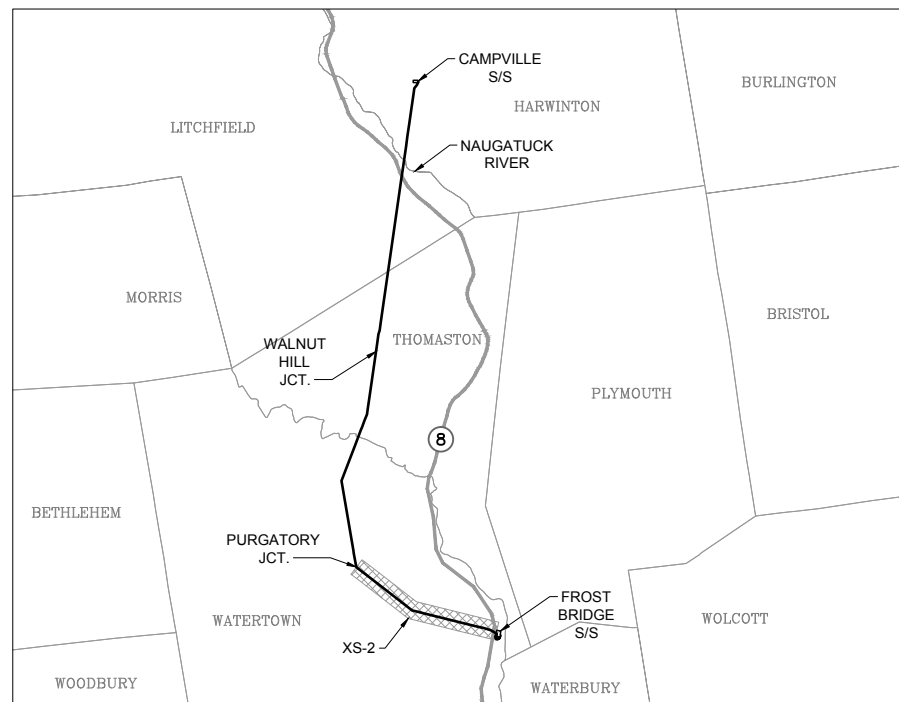
**PROPOSED CONFIGURATION  
VERTICAL DESIGN**

FROST BRIDGE SUBSTATION LINE EXIT  
TO  
PURGATORY JUNCTION

IN THE TOWN OF  
WATERTOWN

LOOKING  
WEST

(2.5 MILES)



KEY MAP  
NOT TO SCALE



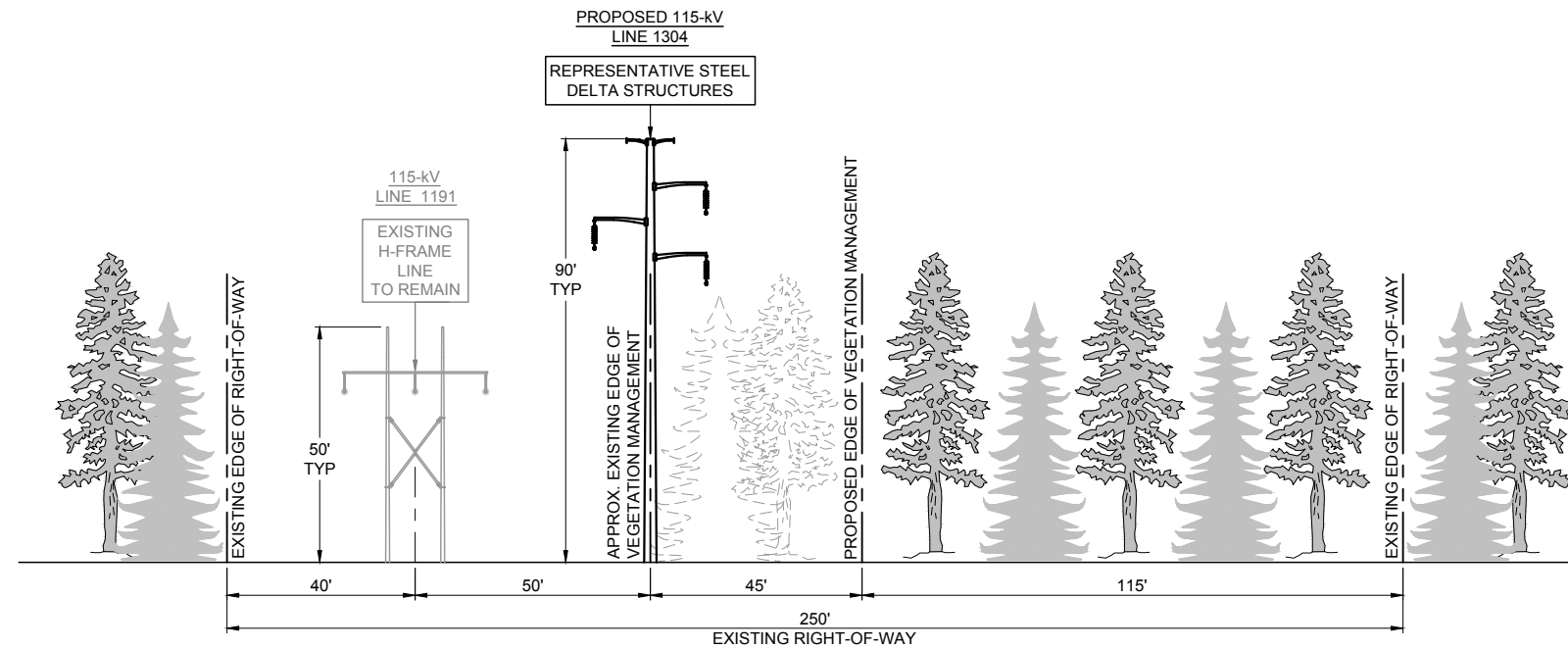
**PRELIMINARY  
DESIGN**

**NOTES:**

- EXISTING LINES TO REMAIN.
- PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
- EXISTING VEGETATION MANAGEMENT EDGES ARE TYPICAL.
- AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
- DEPICTED REPRESENTATIVE STRUCTURES ARE STEEL TANGENT STRUCTURES UTILIZING DIRECT EMBEDDED FOUNDATIONS. ANGLE AND DEADEND STRUCTURES WILL DIFFER AND BE PLACED ON CONCRETE FOUNDATIONS.

TITLE <b>FROST BRIDGE TO CAMPVILLE 115-kV PROJECT PROPOSED CROSS SECTIONS FROST BRIDGE S/S LINE EXIT TO PURGATORY JCT.</b>			
BY D. LAURSEN	CHKD V. MONTEMURRO	APP	APP
DATE 12/16/15	DATE 12/16/15	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	<b>XS-2</b>
P.A. #			

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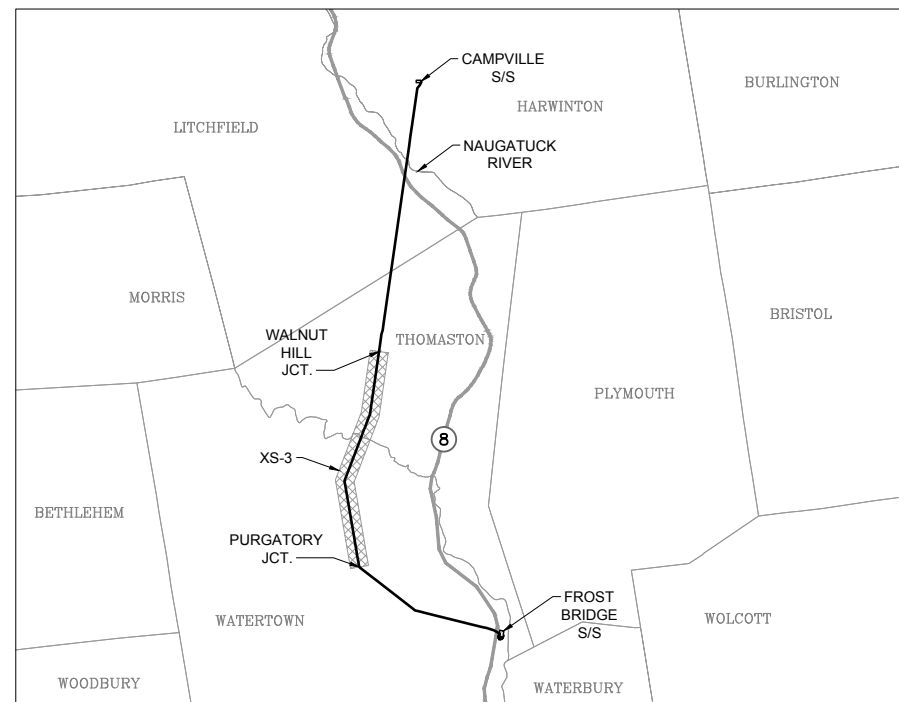


**PROPOSED CONFIGURATION  
DELTA DESIGN**

PURGATORY JUNCTION  
TO  
WALNUT HILL JUNCTION  
IN THE TOWNS OF  
WATERTOWN & THOMASTON

LOOKING  
NORTH

(3.8 MILES)



KEY MAP  
NOT TO SCALE

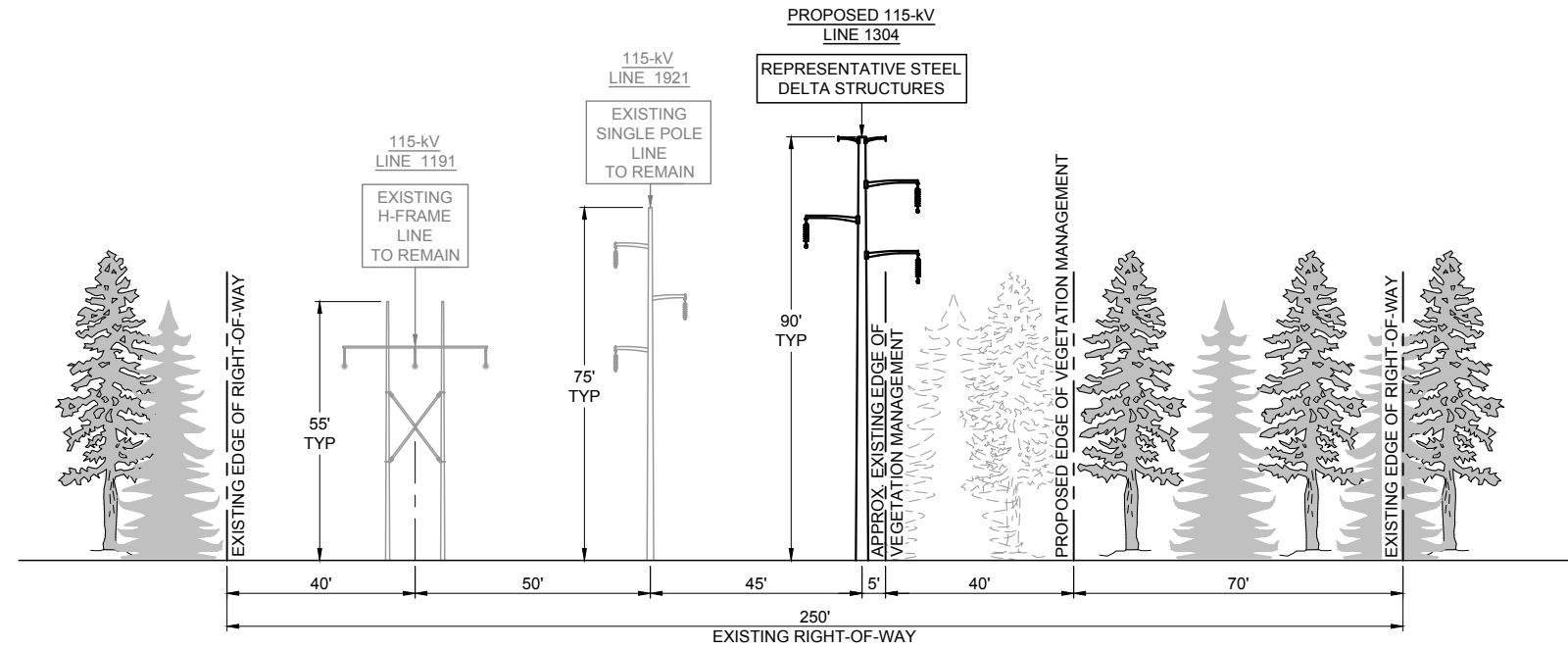
**PRELIMINARY  
DESIGN**

**NOTES:**

- EXISTING LINES TO REMAIN.
- PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
- EXISTING VEGETATION MANAGEMENT EDGES ARE TYPICAL.
- AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
- DEPICTED REPRESENTATIVE STRUCTURES ARE STEEL TANGENT STRUCTURES UTILIZING DIRECT EMBEDDED FOUNDATIONS. ANGLE AND DEADEND STRUCTURES WILL DIFFER AND BE PLACED ON CONCRETE FOUNDATIONS.

TITLE <b>FROST BRIDGE TO CAMPVILLE 115-kV PROJECT PROPOSED CROSS SECTIONS PURGATORY JCT. TO WALNUT HILL JCT.</b>			
BY D. LAURSEN	CHKD V. MONTEMURRO	APP	APP
DATE 12/16/15	DATE 12/16/15	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	<b>XS-3</b>
P.A. #			

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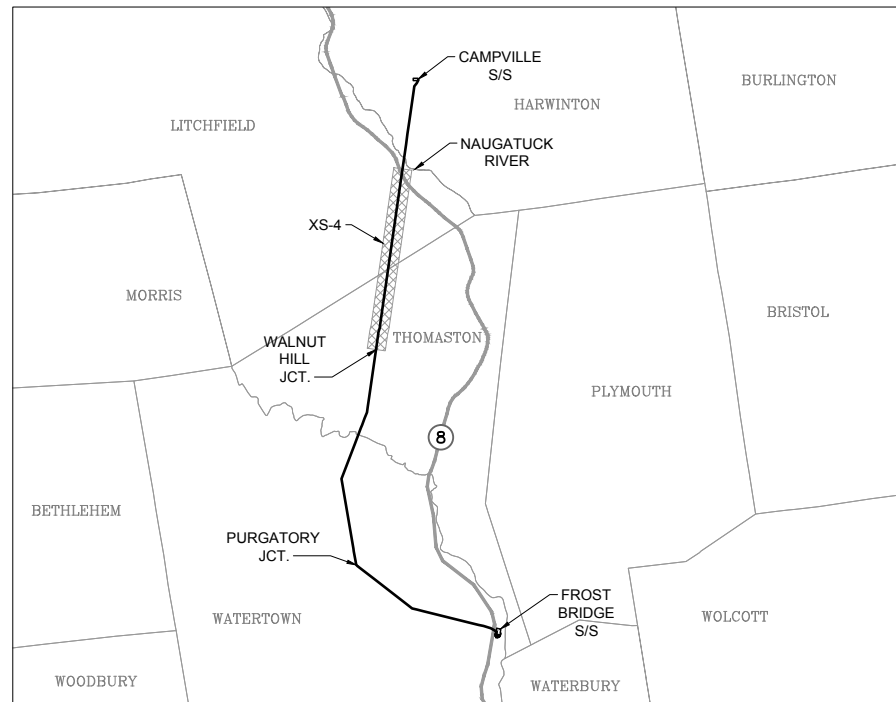
**PROPOSED CONFIGURATION  
DELTA DESIGN**

WALNUT HILL JUNCTION  
TO  
SOUTH BANK OF NAUGATUCK RIVER

IN THE TOWNS OF  
THOMASTON & LITCHFIELD

LOOKING  
NORTH

(2.5 MILES)



KEY MAP  
NOT TO SCALE



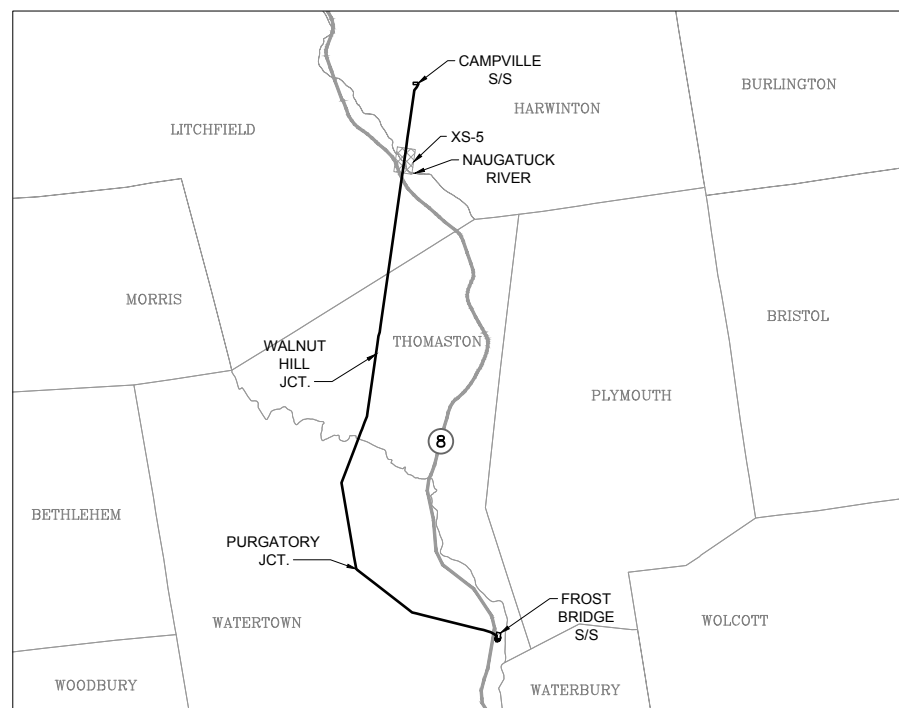
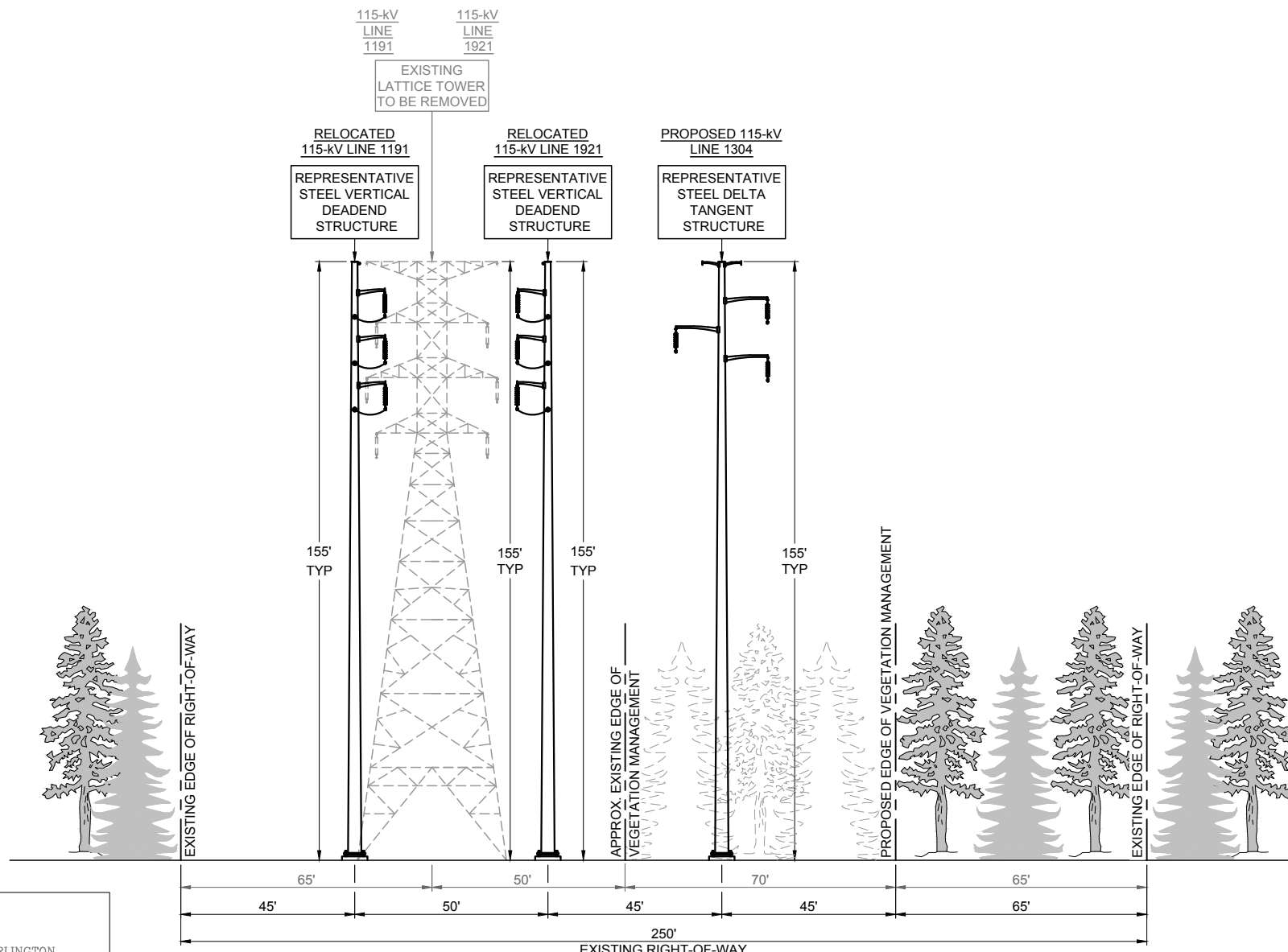
**PRELIMINARY  
DESIGN**

**NOTES:**

1. EXISTING LINES TO REMAIN.
2. PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
3. EXISTING VEGETATION MANAGEMENT EDGES ARE TYPICAL.
4. AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
5. DEPICTED REPRESENTATIVE STRUCTURES ARE STEEL TANGENT STRUCTURES UTILIZING DIRECT EMBEDDED FOUNDATIONS. ANGLE AND DEADEND STRUCTURES WILL DIFFER AND BE PLACED ON CONCRETE FOUNDATIONS.

TITLE <b>FROST BRIDGE TO CAMPVILLE 115-kV PROJECT PROPOSED CROSS SECTIONS WALNUT HILL JCT. TO S. BANK OF NAUGATUCK RIVER</b>			
BY D. LAURSEN	CHKD V. MONTEMURRO	APP	APP
DATE 12/16/15	DATE 12/16/15	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	<b>XS-4</b>
P.A. #			

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KEY MAP  
NOT TO SCALE

**PROPOSED CONFIGURATION  
DELTA DESIGN**

SOUTH BANK OF NAUGATUCK RIVER  
TO  
NORTH BANK OF NAUGATUCK RIVER

IN THE TOWNS OF  
LITCHFIELD & HARWINTON

LOOKING  
NORTH

(0.4 MILE)

**NOTES:**

- EXISTING LINES TO REMAIN.
- PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
- EXISTING VEGETATION MANAGEMENT EDGES ARE TYPICAL.
- AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.

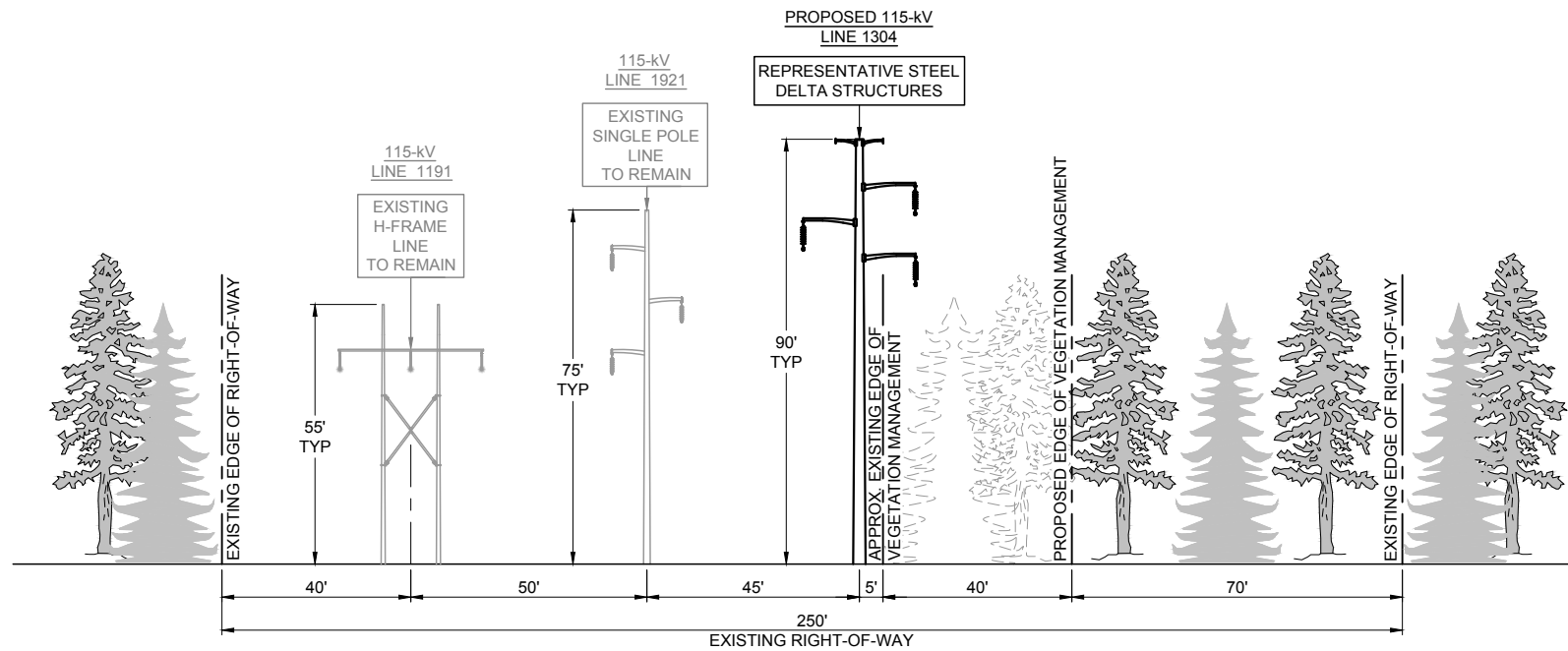
**PRELIMINARY  
DESIGN**

TITLE  
**FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
PROPOSED CROSS SECTIONS  
S. BANK OF NAUGATUCK RIVER. TO N. BANK OF NAUGATUCK RIVER**

BY D. LAURSEN	CHKD V. MONTEMURRO	APP	APP
DATE 12/16/15	DATE 12/16/15	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	<b>XS-5</b>
P.A. #			



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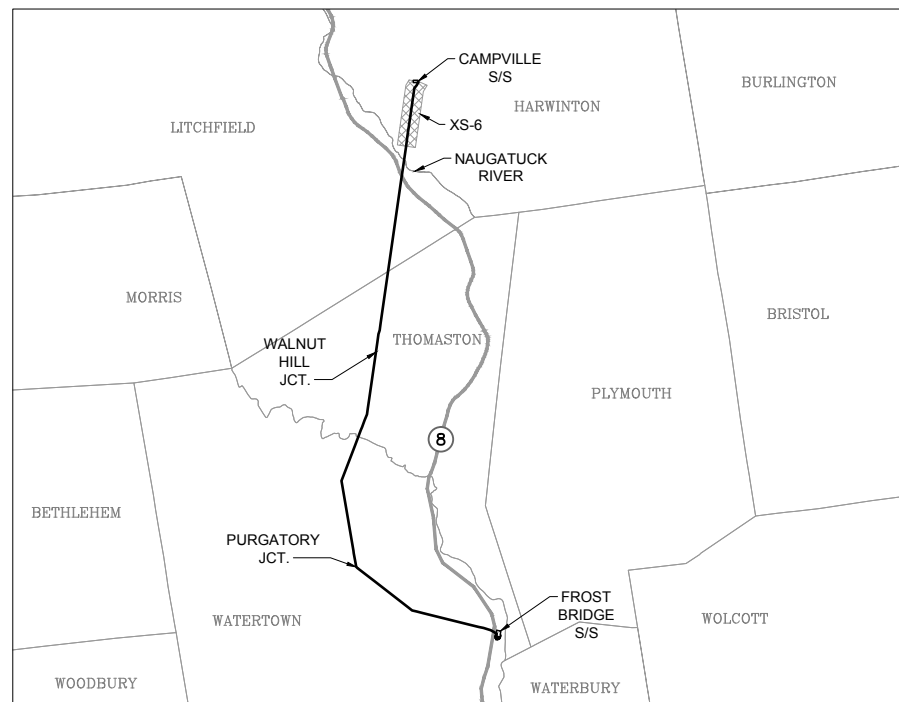
**PROPOSED CONFIGURATION  
DELTA DESIGN**

**NORTH BANK OF NAUGATUCK RIVER  
TO  
CAMPVILLE SUBSTATION**

**IN THE TOWN OF  
HARWINTON**

**LOOKING  
NORTH**

**(1.0 MILES)**



KEY MAP  
NOT TO SCALE



**PRELIMINARY  
DESIGN**

**NOTES:**

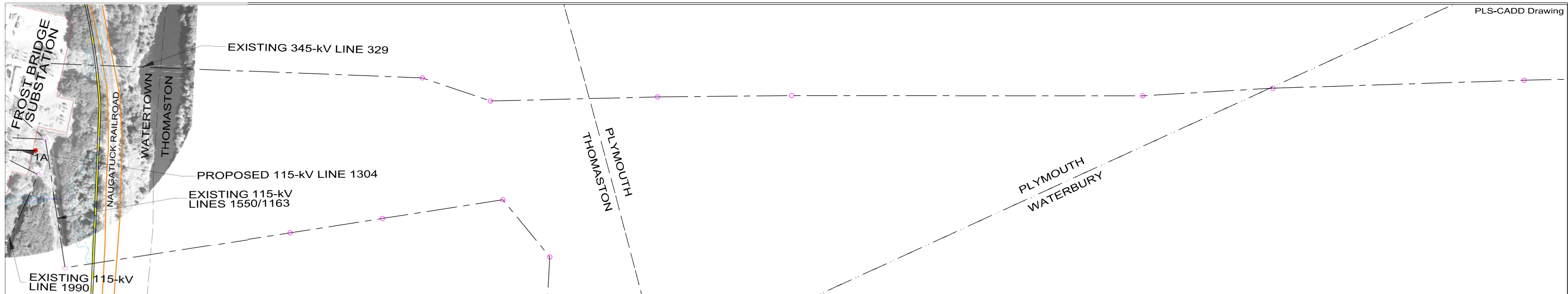
1. EXISTING LINES TO REMAIN.
2. PRELIMINARY STRUCTURE SPOTTING IS BASED ON STRUCTURE-FOR-STRUCTURE INSTALLATION.
3. EXISTING VEGETATION MANAGEMENT EDGES ARE TYPICAL.
4. AFTER THE CONDUCTORS HAVE BEEN INSTALLED, A REFERENCE IS ESTABLISHED THAT MAY IDENTIFY ADDITIONAL DANGER TREES OUTSIDE THE INITIALLY CLEARED AREA THAT MIGHT NEED TO BE REMOVED.
5. DEPICTED REPRESENTATIVE STRUCTURES ARE STEEL TANGENT STRUCTURES UTILIZING DIRECT EMBEDDED FOUNDATIONS. ANGLE AND DEADEND STRUCTURES WILL DIFFER AND BE PLACED ON CONCRETE FOUNDATIONS.

TITLE <b>FROST BRIDGE TO CAMPVILLE 115-kV PROJECT PROPOSED CROSS SECTIONS N. BANK OF NAUGATUCK RIVER TO CAMPVILLE SUBSTATION</b>			
BY D. LAURSEN	CHKD V. MONTEMURRO	APP	APP
DATE 12/16/15	DATE 12/16/15	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO.	<b>XS-6</b>
P.A. #			

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**APPENDIX 4B: PLAN AND PROFILE DRAWINGS**

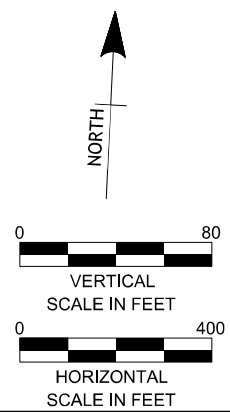
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PRELIMINARY DESIGN

**LEGEND**

PROPOSED 115-kV CENTERLINE		PROPOSED STRUCTURE	
PROPOSED 115-kV CONDUCTOR		EXISTING STRUCTURE TO REMAIN	
PROPOSED 115-kV SHIELD WIRE		DISTRIBUTION WIRE CROSSING	
EXISTING TRANSMISSION CENTERLINE		WETLANDS	
EXISTING ROW PROPERTY LINE		WATER	
TOWN/STATE BOUNDARY		GND PROFILE LEFT 16'	
		GND PROFILE CENTER	
		GND PROFILE RIGHT 16'	



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP



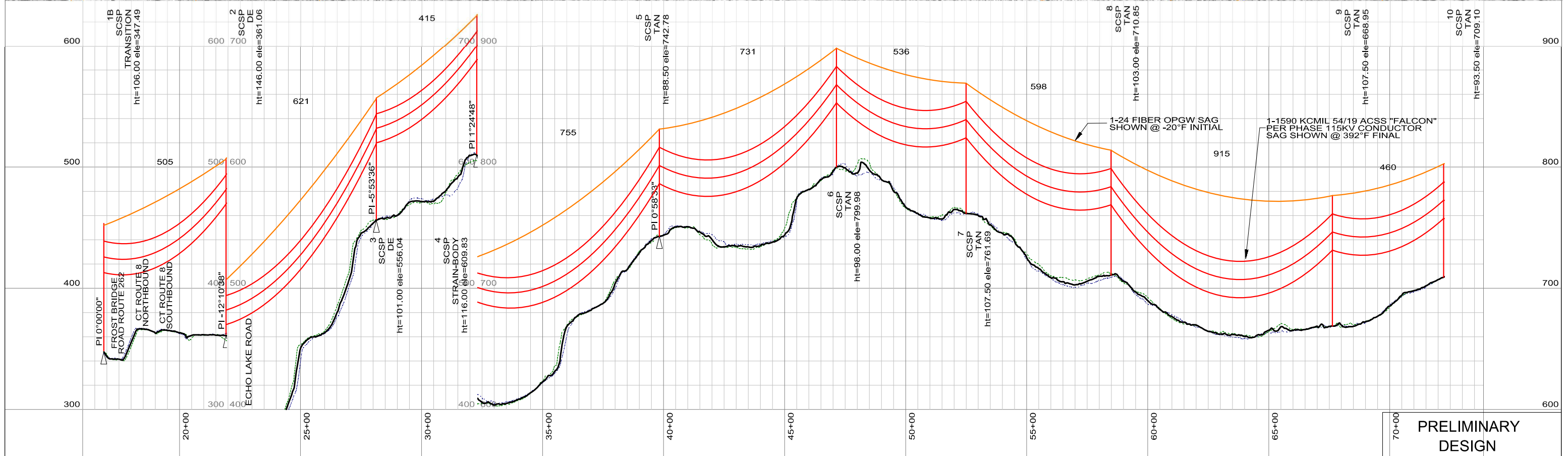
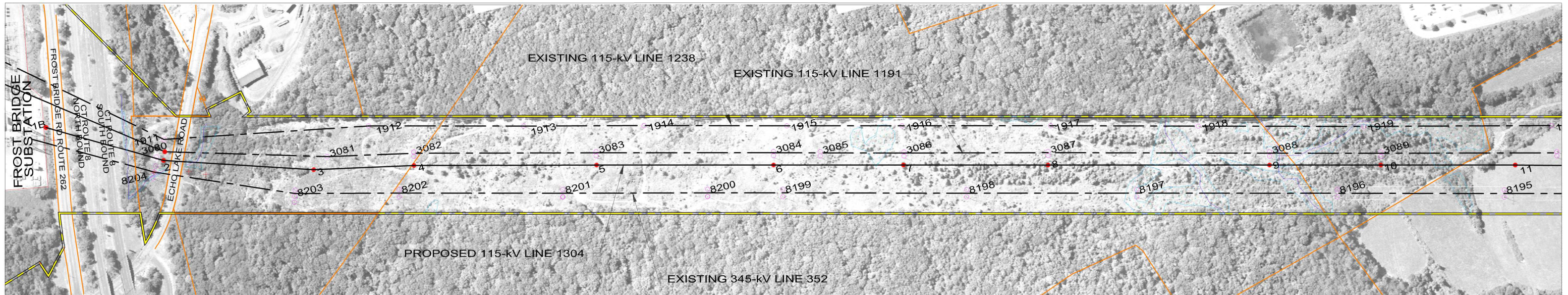
83707

date	11/24/2015	detailed	V. Montemurro
designed	V. Montemurro	checked	P. Williams

**EVERSOURCE ENERGY**

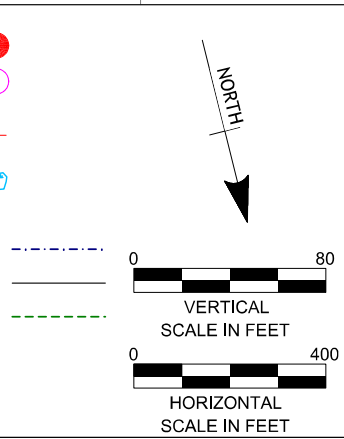
TITLE  
**FROST BRIDGE TO CAMPVILLE 115-kV PROJECT**  
 PLAN & PROFILE SHEET 1 OF 12

BY	BMcD	CHKD	APP	APP
DATE	2015	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	
H-SCALE	1":400'	V.S.	FIELD BOOK & PAGES	
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			



**LEGEND**

PROPOSED 115-kV CENTERLINE	—	PROPOSED STRUCTURE	●
PROPOSED 115-kV CONDUCTOR	—	EXISTING STRUCTURE TO REMAIN	○
PROPOSED 115-kV SHIELD WIRE	—	DISTRIBUTION WIRE CROSSING	+
EXISTING TRANSMISSION CENTERLINE	- - -	WETLANDS	
EXISTING ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 16'	- - -
TOWN/STATE BOUNDARY	- . - .	GND PROFILE CENTER	—
		GND PROFILE RIGHT 16'	- - -



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP

**BURNS MCDONNELL**

83707

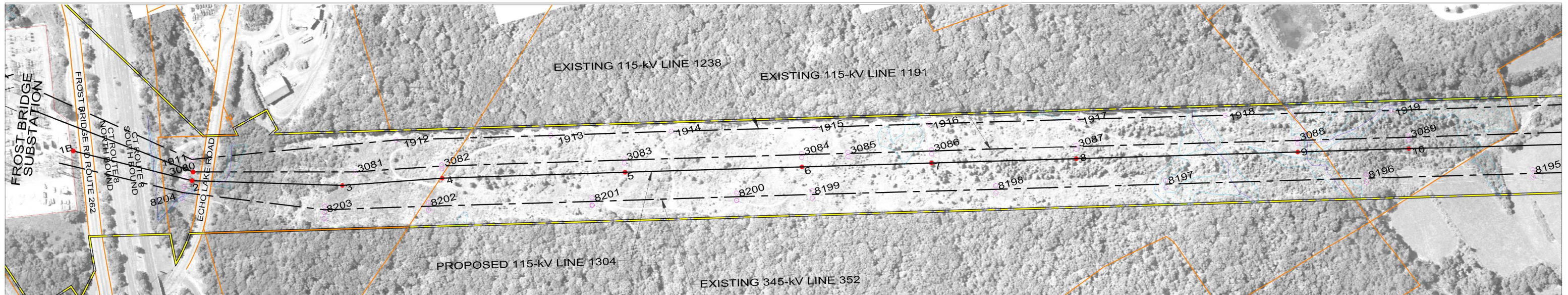
date 11/24/2015  
designed V. Montemurro

detailed V. Montemurro  
checked P. Williams

**EVERSOURCE ENERGY**

TITLE  
FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
PLAN & PROFILE SHEET 2 OF 12

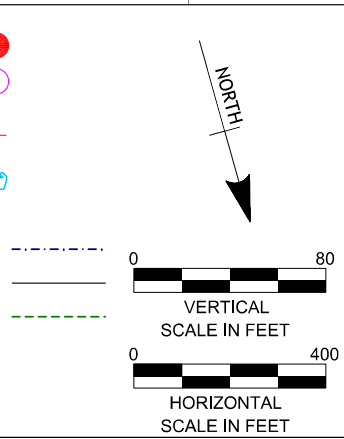
BY	BMCD	CHKD	APP	APP
DATE	2015	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1":400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER				EVERSOURCE DWG NO.



PRELIMINARY DESIGN

**LEGEND**

PROPOSED 115-kV CENTERLINE	—	PROPOSED STRUCTURE	●
PROPOSED 115-kV CONDUCTOR	—	EXISTING STRUCTURE TO REMAIN	○
PROPOSED 115-kV SHIELD WIRE	—	DISTRIBUTION WIRE CROSSING	+
EXISTING TRANSMISSION CENTERLINE	- - -	WETLANDS	
EXISTING ROW PROPERTY LINE	— · — ·	WATER	
TOWN/STATE BOUNDARY	- · - · - ·	GND PROFILE LEFT 16.0'	- · - · - ·
		GND PROFILE CENTER	—
		GND PROFILE RIGHT 16.0'	- · - · - ·



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP

**BURNS MCDONNELL**

83707

date 11/24/2015 detailed V. Montemurro

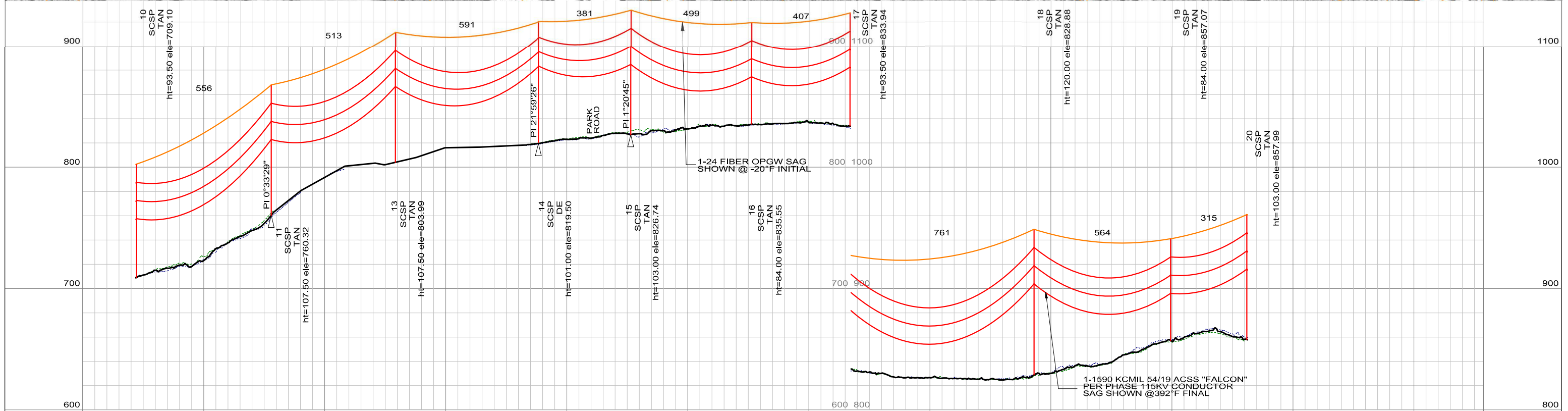
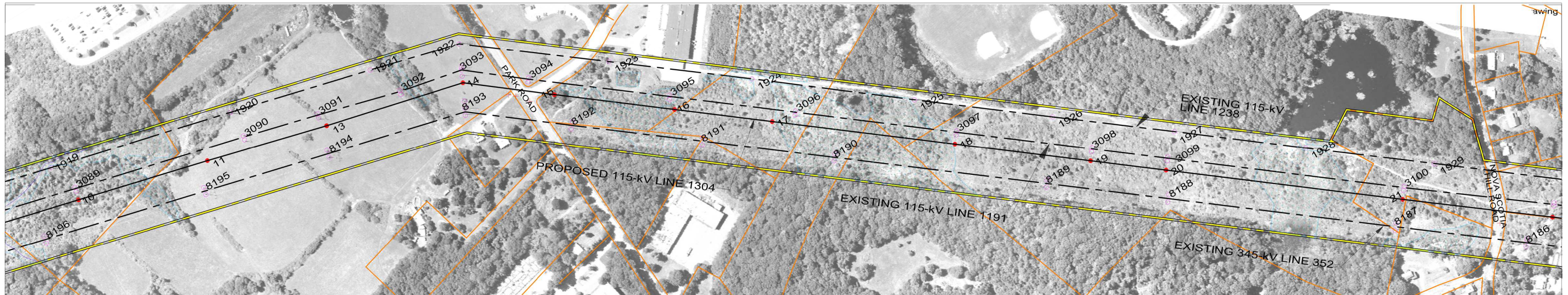
designed V. Montemurro checked P. Williams

**EVERSOURCE ENERGY**

TITLE  
FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
PLAN & PROFILE SHEET 2A OF 12

BY	BMcD	CHKD	APP	APP
DATE	2015	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	
H-SCALE	1"=400'	V.S.	FIELD BOOK & PAGES	
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			

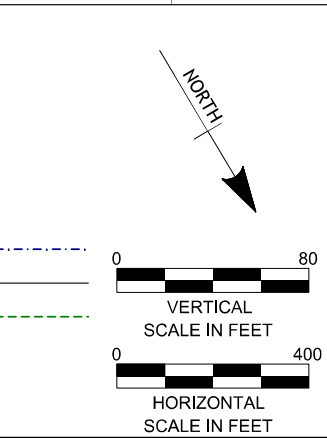




PRELIMINARY DESIGN

**LEGEND**

PROPOSED 115-kV CENTERLINE	—	PROPOSED STRUCTURE	●
PROPOSED 115-kV CONDUCTOR	—	EXISTING STRUCTURE TO REMAIN	○
PROPOSED 115-kV SHIELD WIRE	—	DISTRIBUTION WIRE CROSSING	+
EXISTING TRANSMISSION CENTERLINE	- - -	WETLANDS	
EXISTING ROW PROPERTY LINE	—	WATER	
TOWN/STATE BOUNDARY	- · - ·	GND PROFILE LEFT 16'	- · - ·
		GND PROFILE CENTER	—
		GND PROFILE RIGHT 16'	- · - ·



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP

**BURNS MCDONNELL**

83707

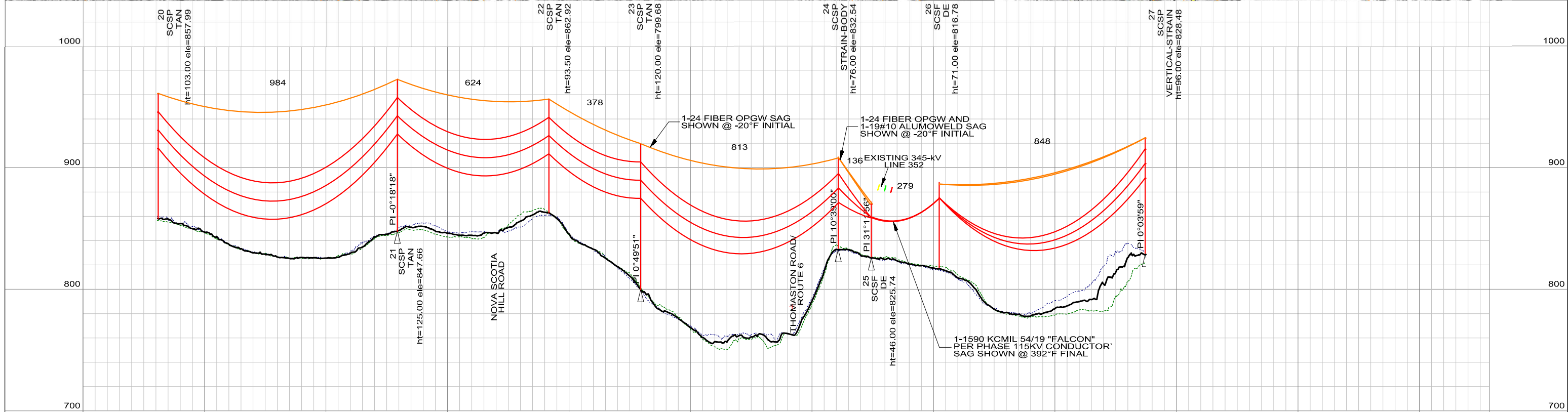
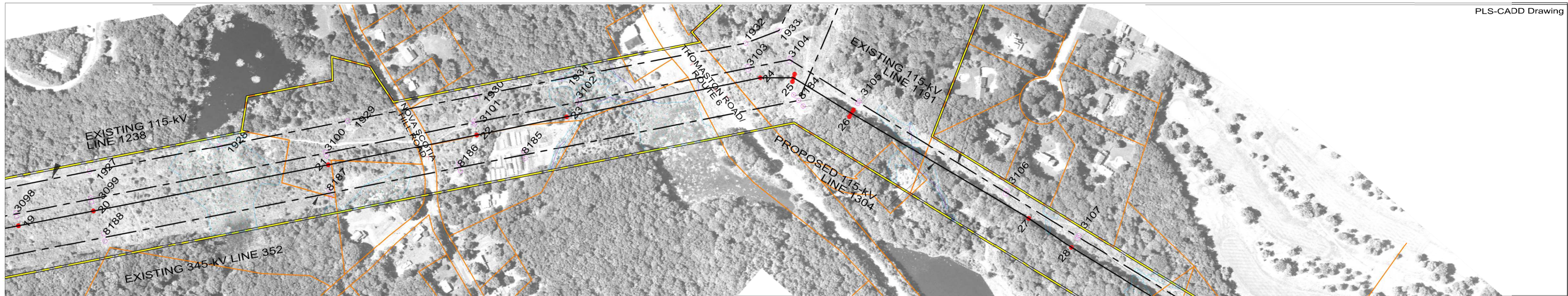
date 11/24/2015 detailed V. Montemurro

designed V. Montemurro checked P. Williams

**EVERSOURCE ENERGY**

TITLE  
FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
PLAN & PROFILE SHEET 3 OF 12

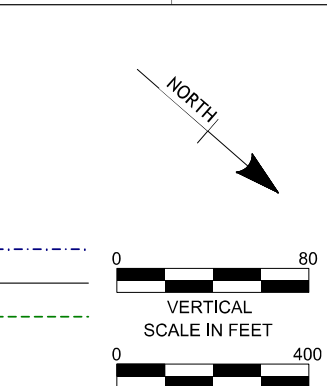
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DATE	2015	DATE	DATE	DATE
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H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			



PRELIMINARY DESIGN

**LEGEND**

PROPOSED 115-kV CENTERLINE	—	PROPOSED STRUCTURE	●
PROPOSED 115-kV CONDUCTOR	—	EXISTING STRUCTURE TO REMAIN	○
PROPOSED 115-kV SHIELD WIRE	—	DISTRIBUTION WIRE CROSSING	+
EXISTING TRANSMISSION CENTERLINE	- - -	WETLANDS	
EXISTING ROW PROPERTY LINE	— · — ·	WATER	
TOWN/STATE BOUNDARY	- · - · - ·	GND PROFILE LEFT 16'	- · - · - ·
		GND PROFILE CENTER	—
		GND PROFILE RIGHT 16'	- · - · - ·



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP

**BURNS MCDONNELL**

83707

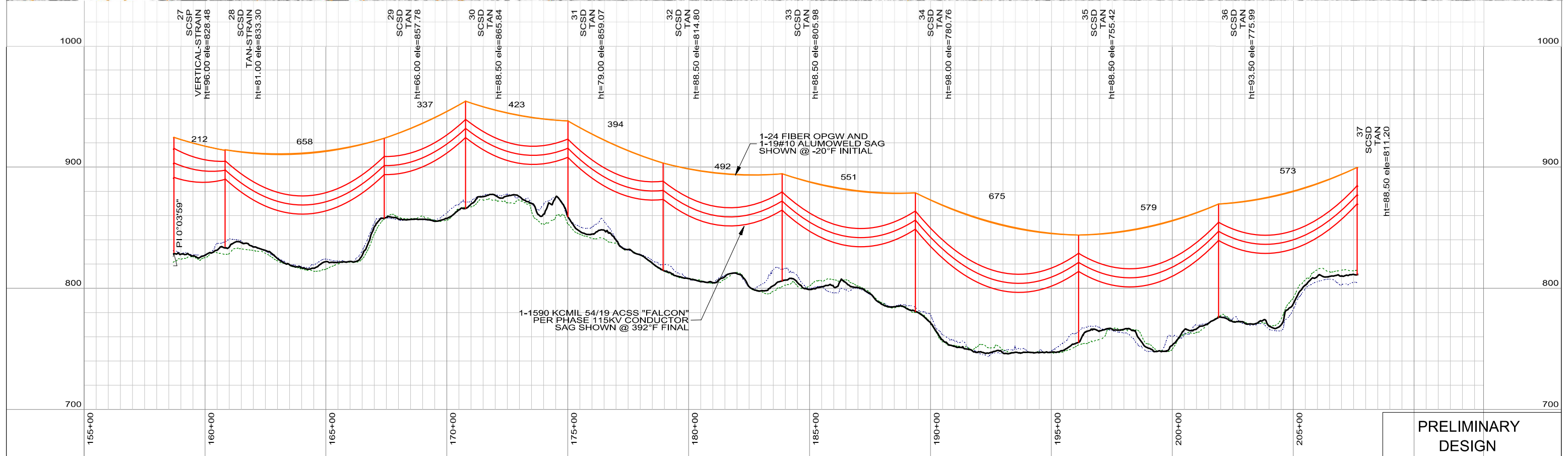
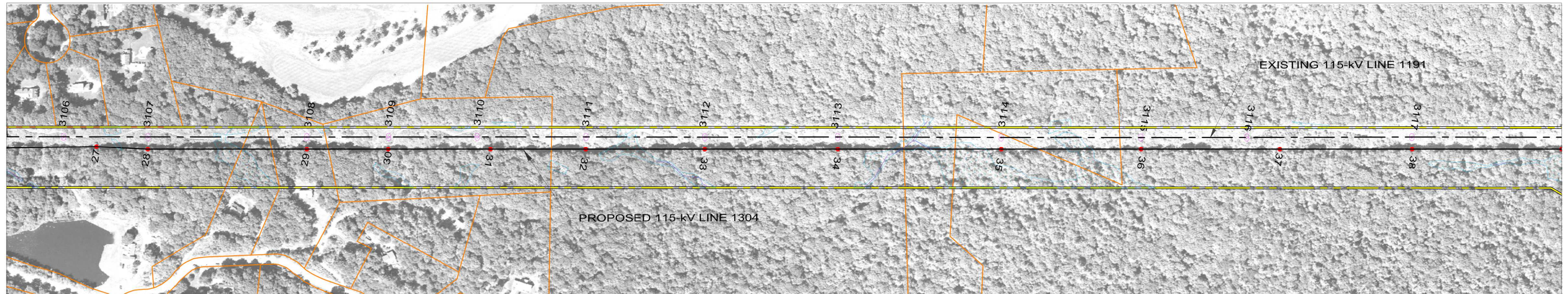
date 11/24/2015  
designed V. Montemurro

detailed V. Montemurro  
checked P. Williams

**EVERSOURCE ENERGY**

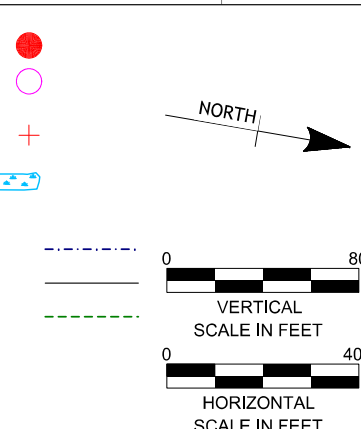
TITLE  
FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
PLAN & PROFILE SHEET 4 OF 12

BY	BMcD	CHKD	APP	APP
DATE	2015	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	FIELD BOOK & PAGES	
H-SCALE	1"=400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			



PRELIMINARY DESIGN

- LEGEND**
- PROPOSED 115-kV CENTERLINE
  - PROPOSED 115-kV CONDUCTOR
  - PROPOSED 115-kV SHIELD WIRE
  - EXISTING TRANSMISSION CENTERLINE
  - EXISTING ROW
  - PROPERTY LINE
  - TOWN/STATE BOUNDARY
  - PROPOSED STRUCTURE
  - EXISTING STRUCTURE TO REMAIN
  - DISTRIBUTION WIRE CROSSING
  - WETLANDS
  - WATER
  - GND PROFILE LEFT 16'
  - GND PROFILE CENTER
  - GND PROFILE RIGHT 16'



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP

**BURNS MCDONNELL**

83707

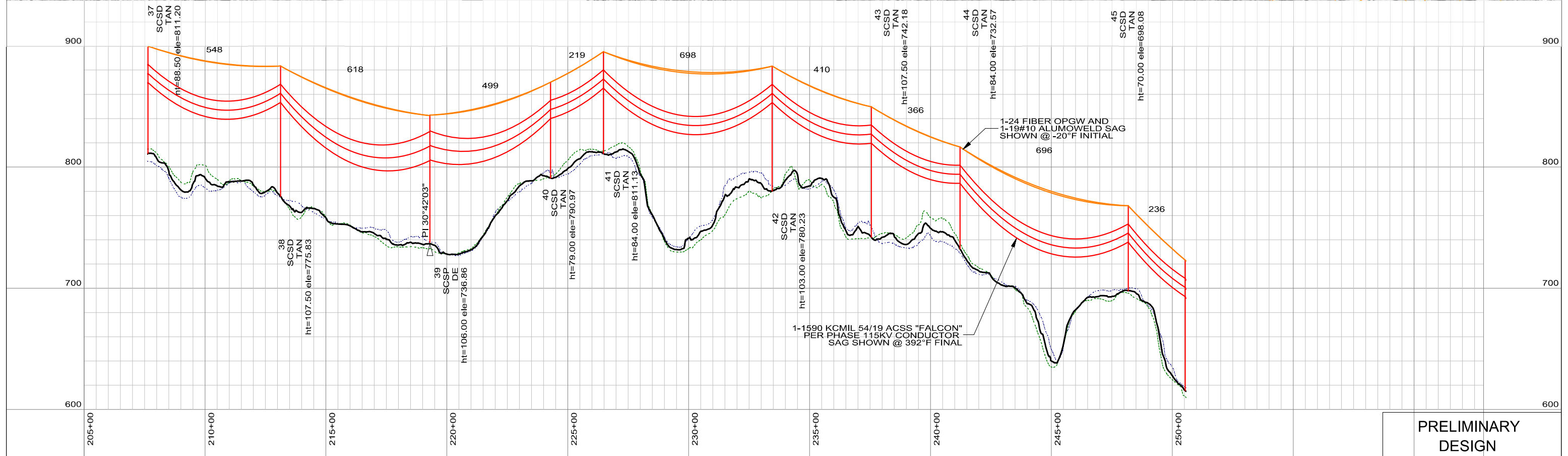
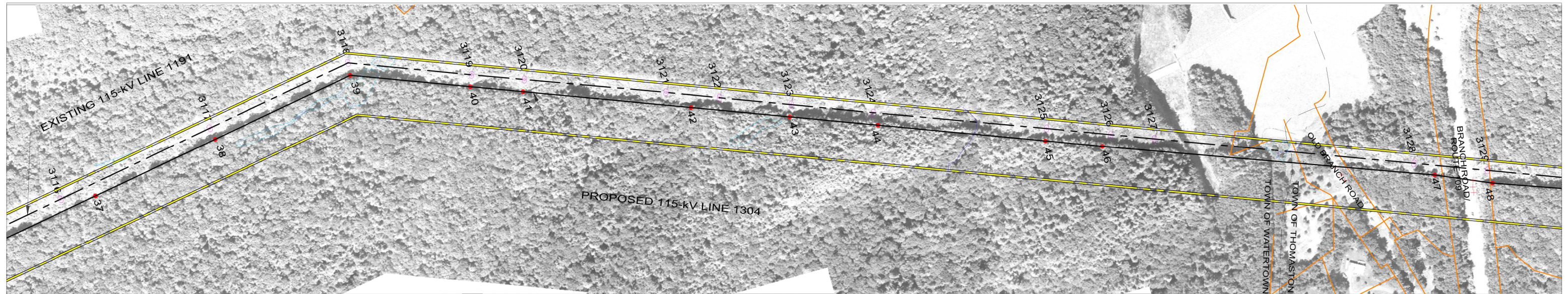
date 11/24/2015  
designed V. Montemurro

detailed V. Montemurro  
checked P. Williams

**EVERSOURCE ENERGY**

TITLE  
FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
PLAN & PROFILE SHEET 5 OF 12

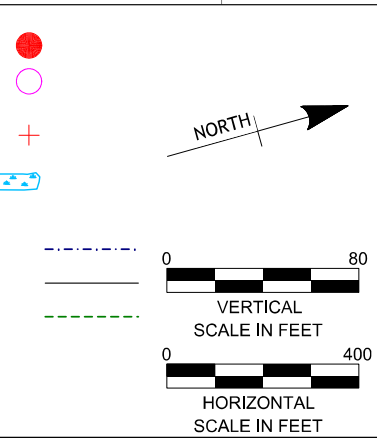
BY	BMcd	CHKD	APP	APP
DATE	2015	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	
H-SCALE	1"=400'	V.S.	FIELD BOOK & PAGES	
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			



PRELIMINARY DESIGN

**LEGEND**

PROPOSED 115-kV CENTERLINE	—	PROPOSED STRUCTURE	●
PROPOSED 115-kV CONDUCTOR	—	EXISTING STRUCTURE TO REMAIN	○
PROPOSED 115-kV SHIELD WIRE	—	DISTRIBUTION WIRE CROSSING	+
EXISTING TRANSMISSION CENTERLINE	- - -	WETLANDS	
EXISTING ROW PROPERTY LINE	— · — ·	WATER	
TOWN/STATE BOUNDARY	- · - ·	GND PROFILE LEFT 16'	- · - ·
		GND PROFILE CENTER	—
		GND PROFILE RIGHT 16'	- · - ·



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP

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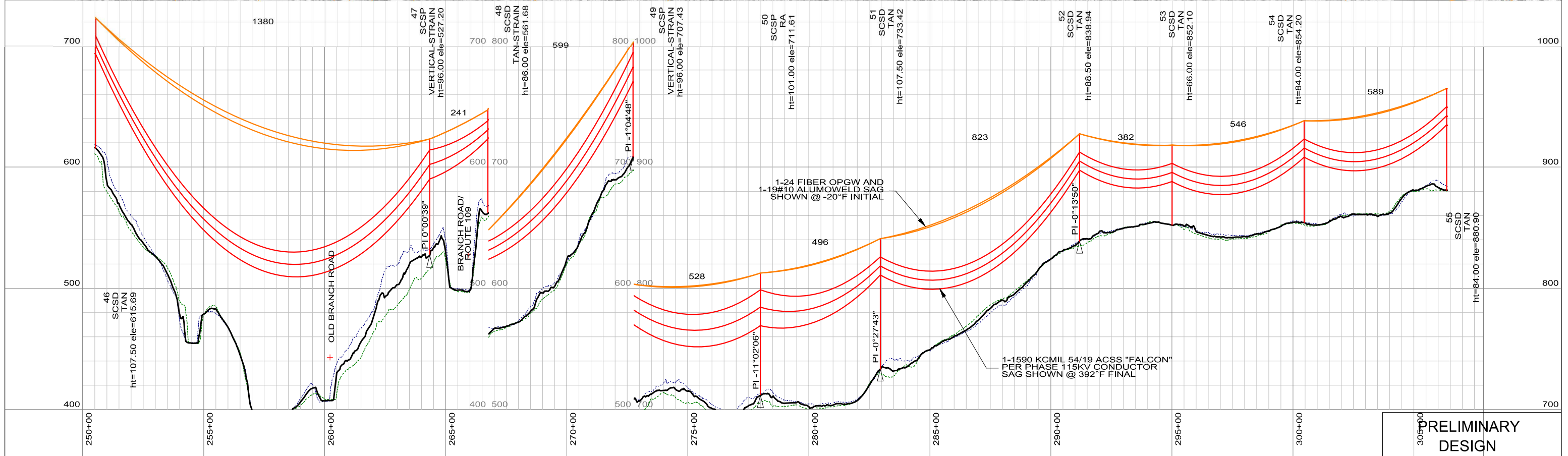
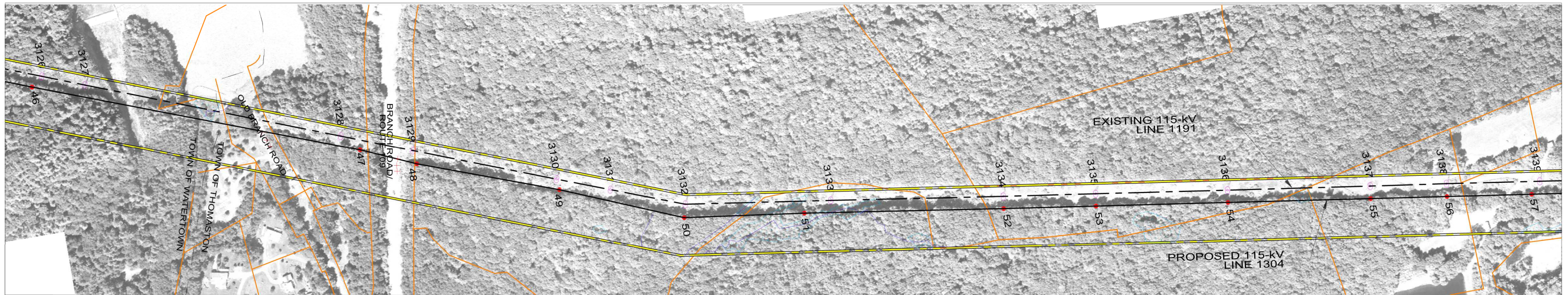
date 11/24/2015  
designed V. Montemurro

detailed V. Montemurro  
checked P. Williams

**EVERSOURCE ENERGY**

TITLE  
FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
PLAN & PROFILE SHEET 6 OF 12

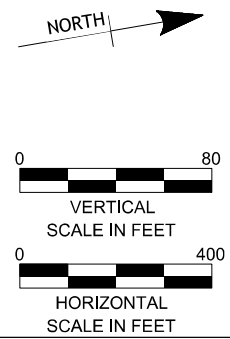
BY	BMcD	CHKD	APP	APP
DATE	2015	DATE	DATE	DATE
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H-SCALE	1"=400'	V.S.	FIELD BOOK & PAGES	
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			



PRELIMINARY DESIGN

**LEGEND**

PROPOSED 115-kV CENTERLINE		PROPOSED STRUCTURE	
PROPOSED 115-kV CONDUCTOR		EXISTING STRUCTURE TO REMAIN	
PROPOSED 115-kV SHIELD WIRE		DISTRIBUTION WIRE CROSSING	
EXISTING TRANSMISSION CENTERLINE		WETLANDS	
EXISTING ROW PROPERTY LINE		WATER	
TOWN/STATE BOUNDARY		GND PROFILE LEFT 16'	
		GND PROFILE CENTER	
		GND PROFILE RIGHT 16'	



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP



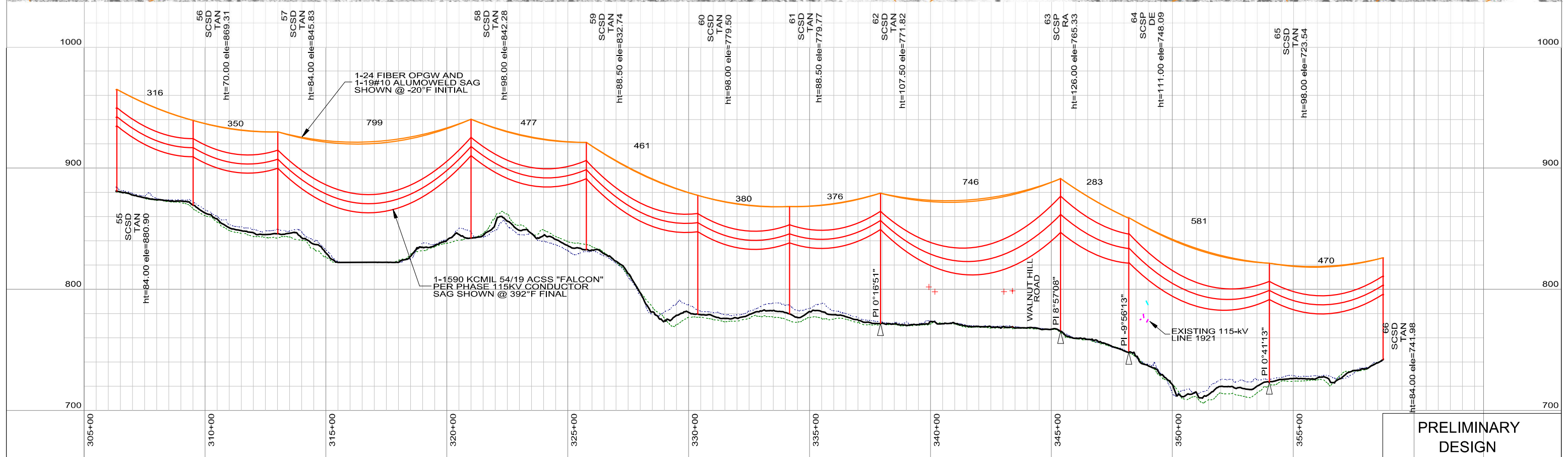
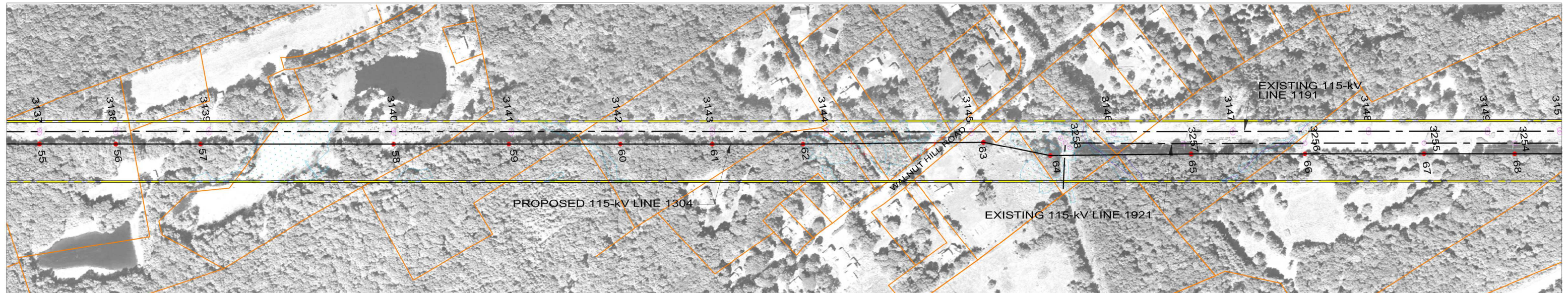
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date	11/24/2015	detailed	V. Montemurro
designed	V. Montemurro	checked	P. Williams

**EVERSOURCE ENERGY**

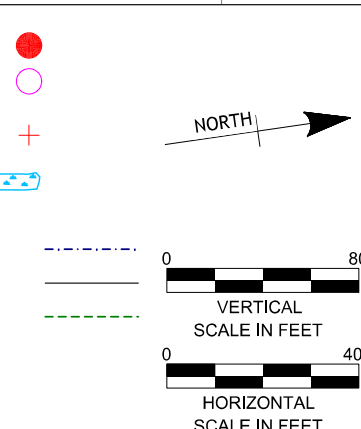
TITLE  
**FROST BRIDGE TO CAMPVILLE 115-kV PROJECT**  
 PLAN & PROFILE SHEET 7 OF 12

BY	BMcD	CHKD	APP	APP
DATE	2015	DATE	DATE	DATE
V-SCALE	1"=.80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=.400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			



**LEGEND**

PROPOSED 115-kV CENTERLINE	—	PROPOSED STRUCTURE	●
PROPOSED 115-kV CONDUCTOR	—	EXISTING STRUCTURE TO REMAIN	○
PROPOSED 115-kV SHIELD WIRE	—	DISTRIBUTION WIRE CROSSING	+
EXISTING TRANSMISSION CENTERLINE	- - -	WETLANDS	
EXISTING ROW PROPERTY LINE	—	WATER	
TOWN/STATE BOUNDARY	- · - ·	GND PROFILE LEFT 16'	- · - ·
		GND PROFILE CENTER	—
		GND PROFILE RIGHT 16'	- · - ·



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP

**BURNS MCDONNELL**

83707

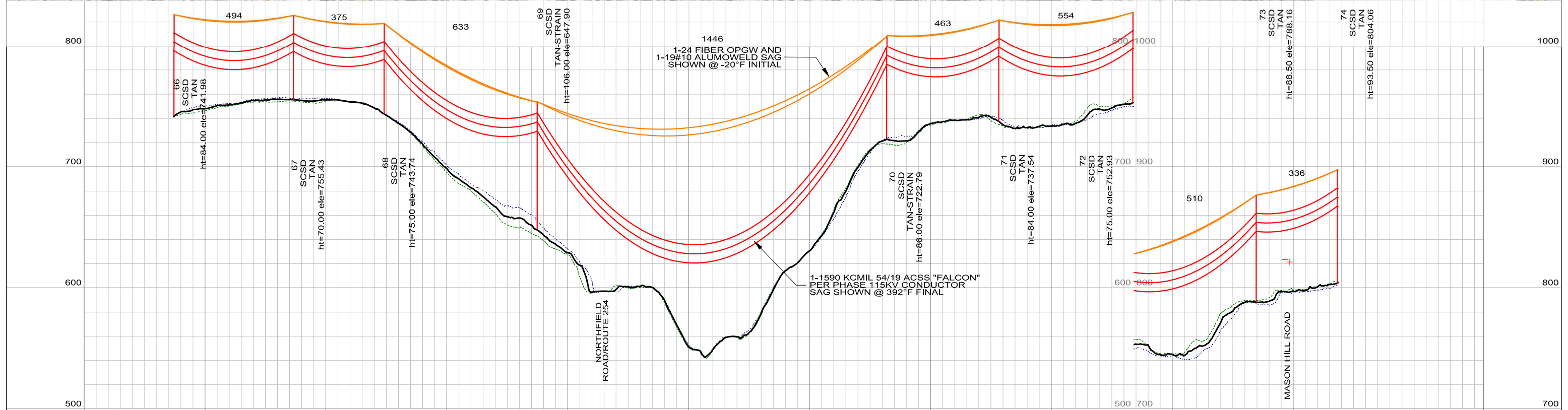
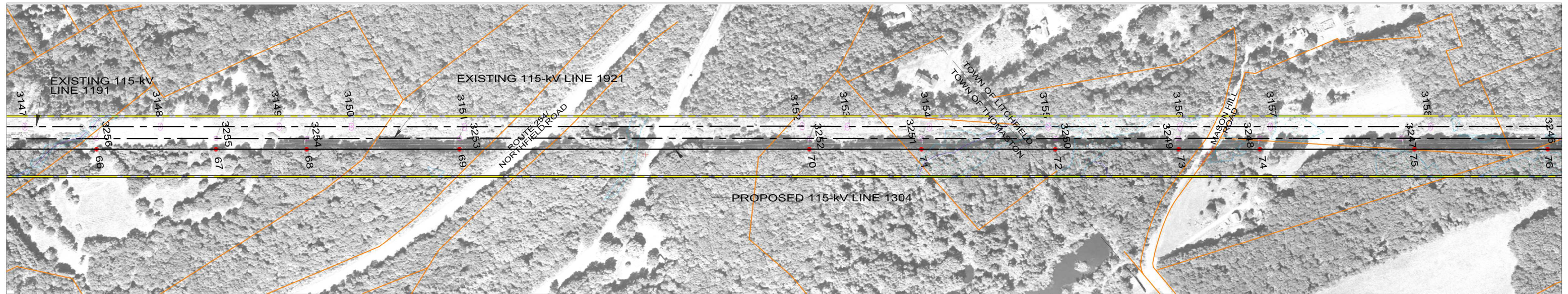
date 11/24/2015  
designed V. Montemurro

detailed V. Montemurro  
checked P. Williams

**EVERSOURCE ENERGY**

TITLE  
FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
PLAN & PROFILE SHEET 8 OF 12

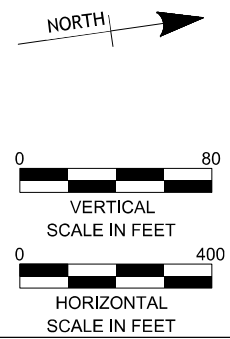
BY	BMcD	CHKD	APP	APP
DATE	2015	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	
H-SCALE	1"=400'	V.S.	FIELD BOOK & PAGES	
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			



PRELIMINARY DESIGN

**LEGEND**

PROPOSED 115-kV CENTERLINE	—	PROPOSED STRUCTURE	●
PROPOSED 115-kV CONDUCTOR	—	EXISTING STRUCTURE TO REMAIN	○
PROPOSED 115-kV SHIELD WIRE	—	DISTRIBUTION WIRE CROSSING	+
EXISTING TRANSMISSION CENTERLINE	- - -	WETLANDS	
EXISTING ROW PROPERTY LINE	— · — ·	WATER	
TOWN/STATE BOUNDARY	- · - ·	GND PROFILE LEFT 16'	- · - ·
		GND PROFILE CENTER	—
		GND PROFILE RIGHT 16'	- · - ·



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP



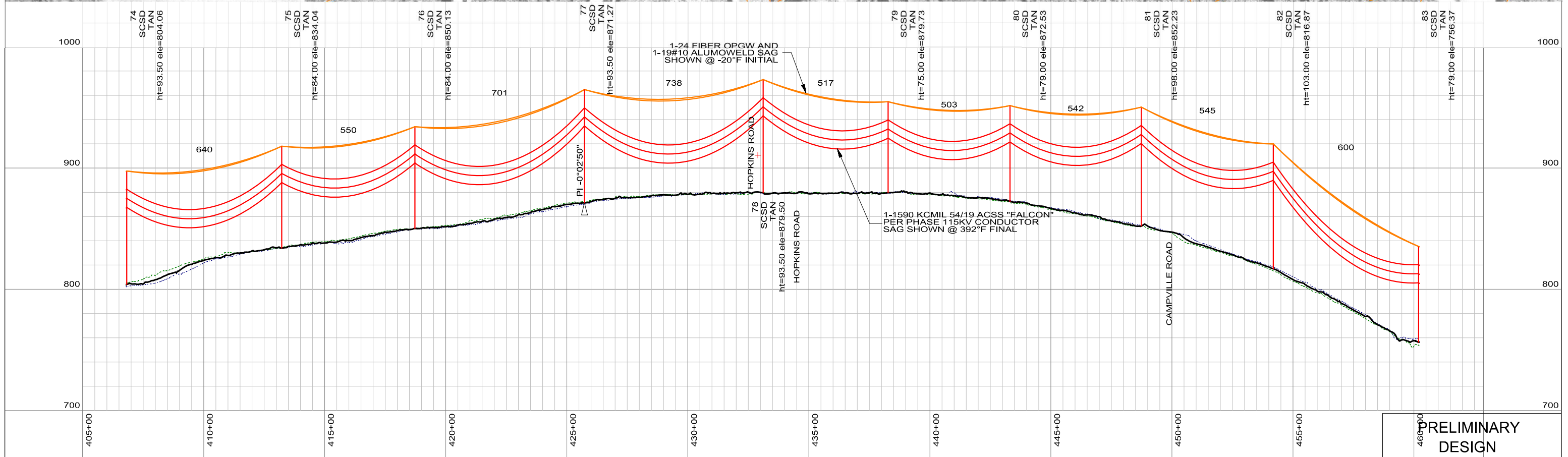
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date	11/24/2015	detailed	V. Montemurro
designed	V. Montemurro	checked	P. Williams

**EVERSOURCE ENERGY**

TITLE  
**FROST BRIDGE TO CAMPVILLE 115-kV PROJECT**  
 PLAN & PROFILE SHEET 9 OF 12

BY	BMcD	CHKD	APP	APP
DATE	2015	DATE	DATE	DATE
V-SCALE	1"=80'	SIZE	B	FIELD BOOK & PAGES
H-SCALE	1"=400'	V.S.		R.E.DWG. NO.
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			



PRELIMINARY DESIGN

**LEGEND**

PROPOSED 115-kV CENTERLINE		PROPOSED STRUCTURE	
PROPOSED 115-kV CONDUCTOR		EXISTING STRUCTURE TO REMAIN	
PROPOSED 115-kV SHIELD WIRE		DISTRIBUTION WIRE CROSSING	
EXISTING TRANSMISSION CENTERLINE		WETLANDS	
EXISTING ROW PROPERTY LINE		WATER	
TOWN/STATE BOUNDARY		GND PROFILE LEFT 16'	
		GND PROFILE CENTER	
		GND PROFILE RIGHT 16'	

NORTH

VERTICAL SCALE IN FEET

HORIZONTAL SCALE IN FEET

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP

83707

date	11/24/2015	detailed	V. Montemurro
designed	V. Montemurro	checked	P. Williams

**EVERSOURCE ENERGY**

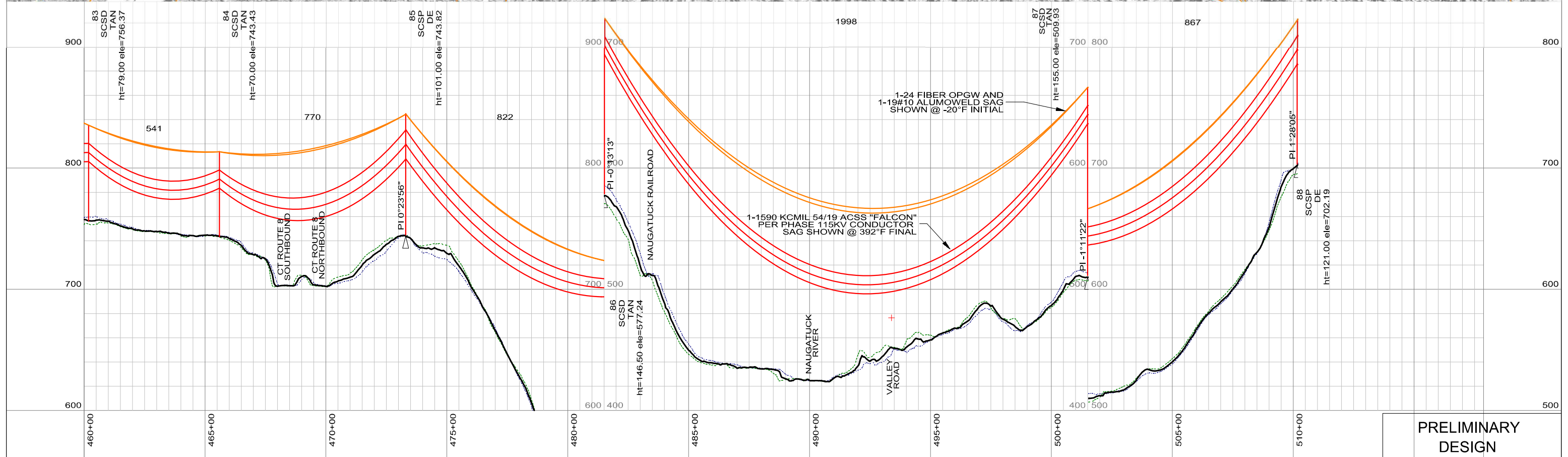
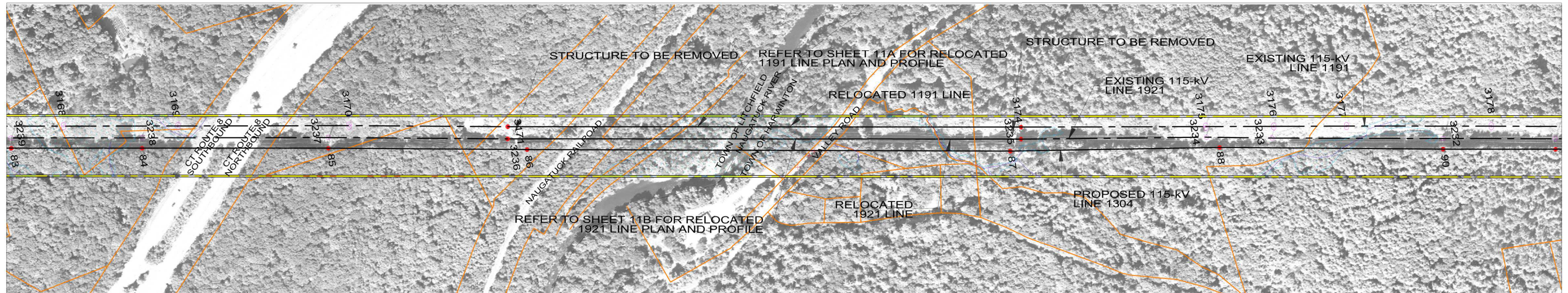
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**FROST BRIDGE TO CAMPVILLE 115-kV PROJECT**

**PLAN & PROFILE SHEET 10 OF 12**

BY	BMcD	CHKD	APP	APP
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H-SCALE	1":400'	V.S.	FIELD BOOK & PAGES	
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			

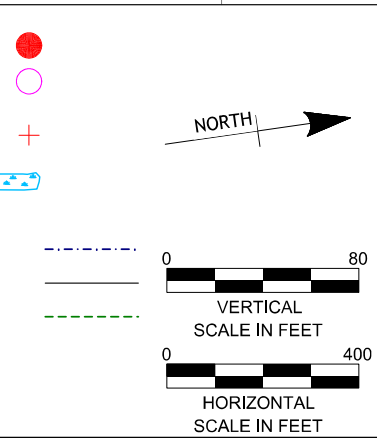




PRELIMINARY DESIGN

**LEGEND**

PROPOSED 115-kV CENTERLINE	—	PROPOSED STRUCTURE	●
PROPOSED 115-kV CONDUCTOR	—	EXISTING STRUCTURE TO REMAIN	○
PROPOSED 115-kV SHIELD WIRE	—	DISTRIBUTION WIRE CROSSING	+
EXISTING TRANSMISSION CENTERLINE	- - -	WETLANDS	
EXISTING ROW	—	WATER	
PROPERTY LINE	—	GND PROFILE LEFT 16'	- - -
TOWN/STATE BOUNDARY	- · - ·	GND PROFILE CENTER	—
		GND PROFILE RIGHT 16'	- - -



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP

**BURNS & MCDONNELL**

83707

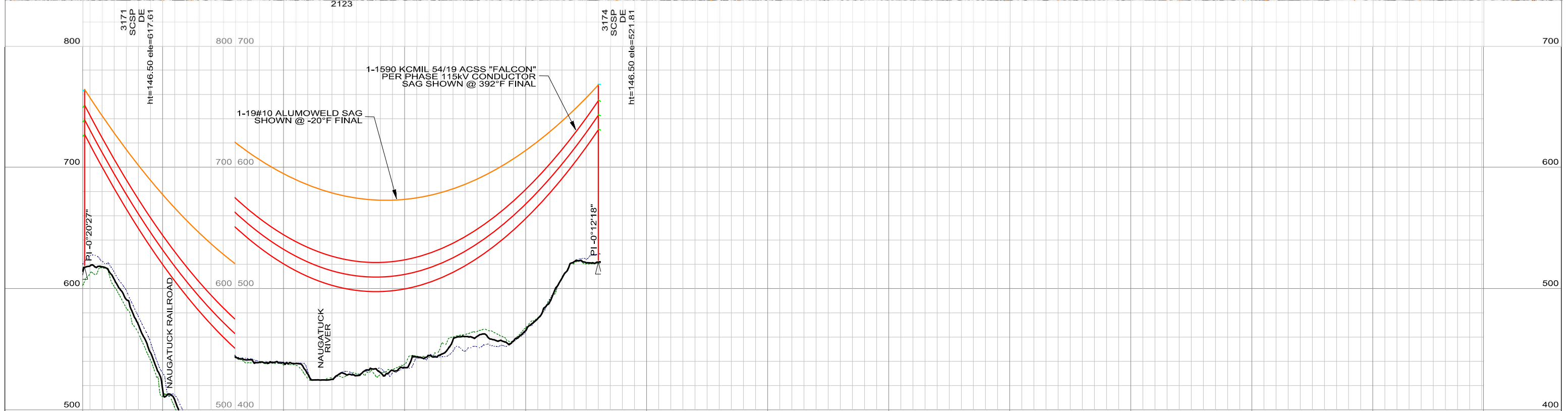
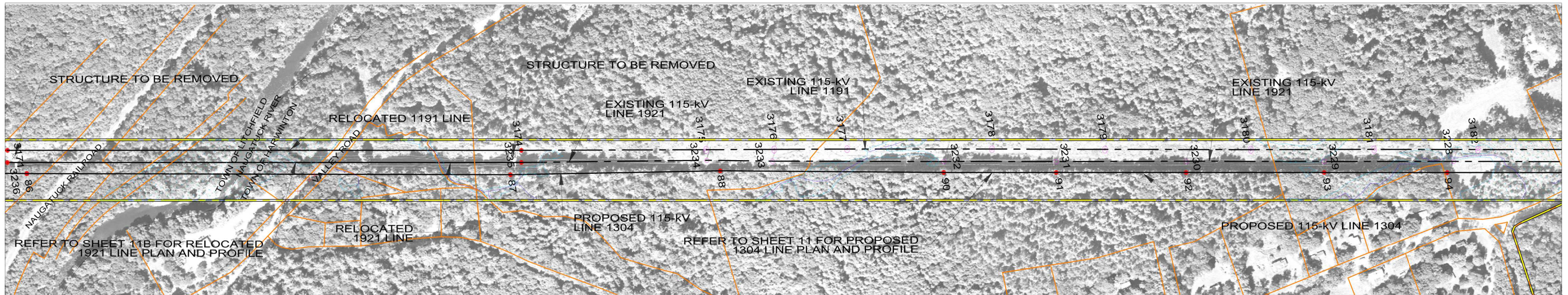
date 11/24/2015  
designed V. Montemurro

detailed V. Montemurro  
checked P. Williams

**EVERSOURCE ENERGY**

TITLE  
FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
PLAN & PROFILE SHEET 11 OF 12

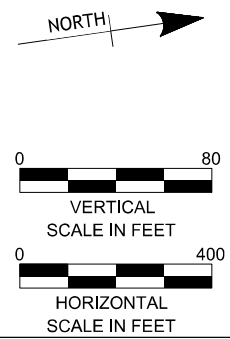
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H-SCALE	1"=400'	V.S.	FIELD BOOK & PAGES	
R.E. PROJ. NUMBER	R.E.DWG. NO.			
			EVERSOURCE DWG NO.	



PRELIMINARY DESIGN

**LEGEND**

- PROPOSED 115-kV CENTERLINE
- PROPOSED 115-kV CONDUCTOR
- PROPOSED 115-kV SHIELD WIRE
- EXISTING TRANSMISSION CENTERLINE
- EXISTING ROW
- PROPERTY LINE
- TOWN/STATE BOUNDARY
- PROPOSED STRUCTURE
- EXISTING STRUCTURE TO REMAIN
- DISTRIBUTION WIRE CROSSING
- WETLANDS
- WATER
- GND PROFILE LEFT 16'
- GND PROFILE CENTER
- GND PROFILE RIGHT 16'



NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP



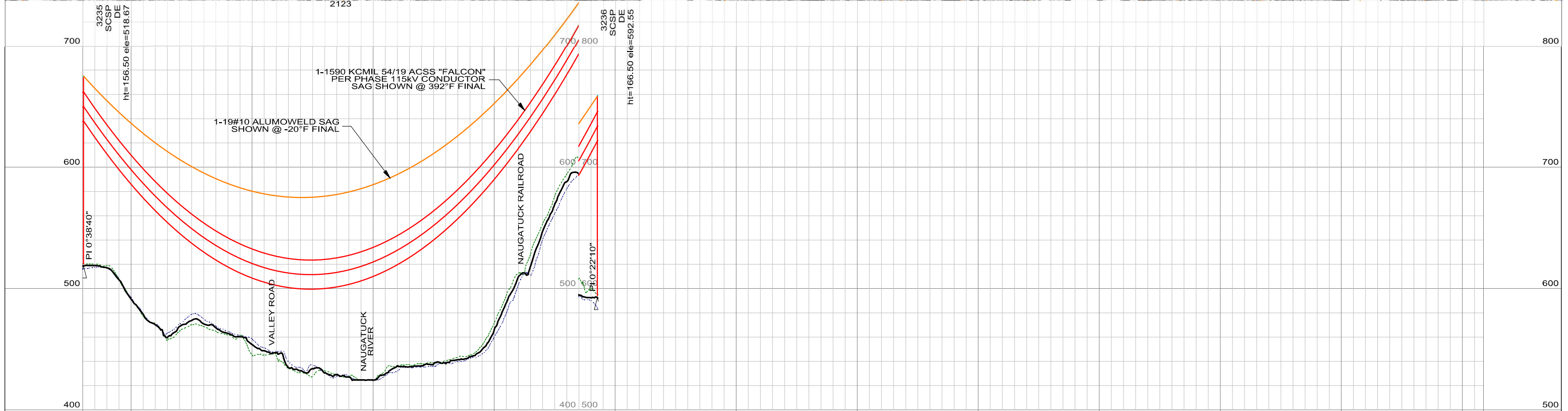
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date 11/24/2015  
 detailed V. Montemurro  
 designed V. Montemurro  
 checked P. Williams

**EVERSOURCE ENERGY**

TITLE  
**FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
 PLAN & PROFILE SHEET 11A OF 12**

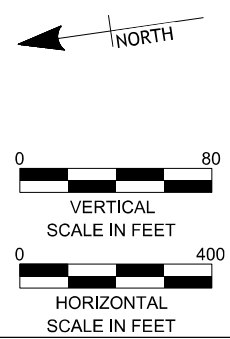
BY BMcD	CHKD	APP	APP
DATE 2015	DATE	DATE	DATE
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H-SCALE 1"=400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER		EVERSOURCE DWG NO.	



PRELIMINARY  
DESIGN

**LEGEND**

- PROPOSED 115-kV CENTERLINE
- PROPOSED 115-kV CONDUCTOR
- PROPOSED 115-kV SHIELD WIRE
- EXISTING TRANSMISSION CENTERLINE
- EXISTING ROW
- PROPERTY LINE
- TOWN/STATE BOUNDARY
- PROPOSED STRUCTURE
- EXISTING STRUCTURE TO REMAIN
- DISTRIBUTION WIRE CROSSING
- WETLANDS
- WATER
- GND PROFILE LEFT 16'
- GND PROFILE CENTER
- GND PROFILE RIGHT 16'



83707

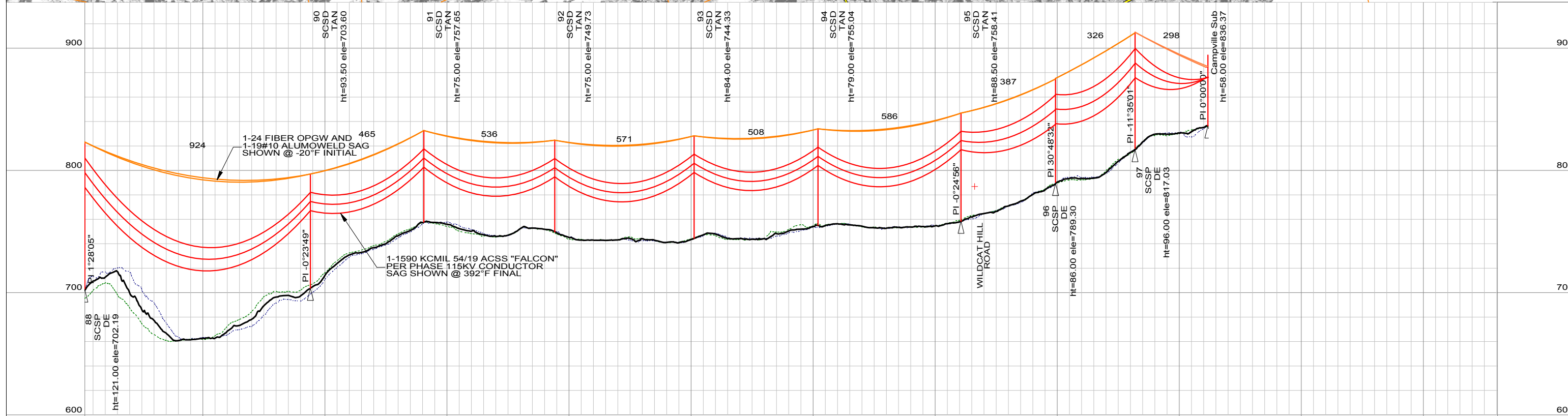
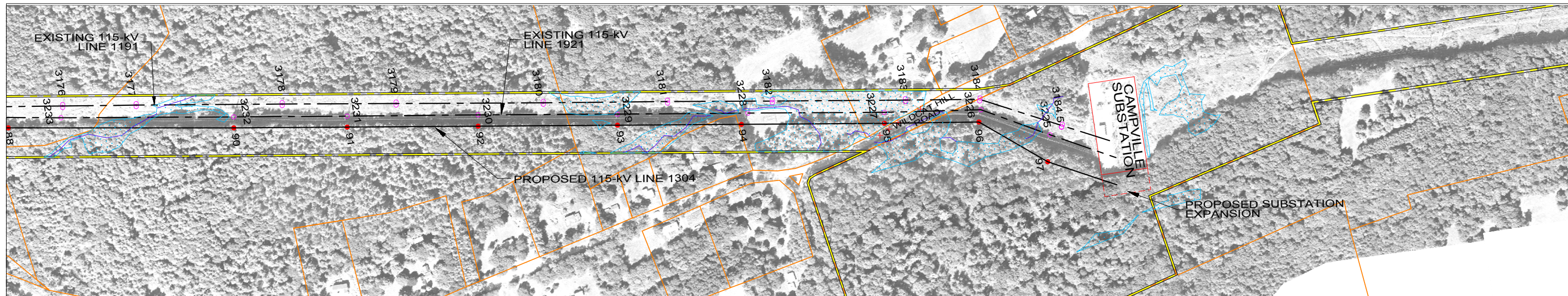
date 11/24/2015  
designed V. Montemurro  
detailed V. Montemurro  
checked P. Williams

**EVERSOURCE ENERGY**

TITLE  
FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
PLAN & PROFILE SHEET 11B OF 12

BY	BMcD	CHKD	APP	APP
DATE	2015	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	FIELD BOOK & PAGES	
H-SCALE	1":400'	V.S.	R.E.DWG. NO.	
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP



PRELIMINARY DESIGN

**LEGEND**

PROPOSED 115-kV CENTERLINE	—	PROPOSED STRUCTURE	●
PROPOSED 115-kV CONDUCTOR	—	EXISTING STRUCTURE TO REMAIN	○
PROPOSED 115-kV SHIELD WIRE	—	DISTRIBUTION WIRE CROSSING	+
EXISTING TRANSMISSION CENTERLINE	- - -	WETLANDS	
EXISTING ROW PROPERTY LINE	— · — ·	WATER	
TOWN/STATE BOUNDARY	- · - ·	GND PROFILE LEFT 16'	- · - ·
		GND PROFILE CENTER	—
		GND PROFILE RIGHT 16'	- · - ·

NORTH

VERTICAL SCALE IN FEET

HORIZONTAL SCALE IN FEET

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP

**BURNS MCDONNELL**

83707

date 11/24/2015  
designed V. Montemurro

detailed V. Montemurro  
checked P. Williams

**EVERSOURCE ENERGY**

TITLE  
FROST BRIDGE TO CAMPVILLE 115-kV PROJECT  
PLAN & PROFILE SHEET 12 OF 12

BY	BMcD	CHKD	APP	APP
DATE	2015	DATE	DATE	DATE
V-SCALE	1":80'	SIZE	B	
H-SCALE	1":400'	V.S.	FIELD BOOK & PAGES	
R.E. PROJ. NUMBER	EVERSOURCE DWG NO.			