

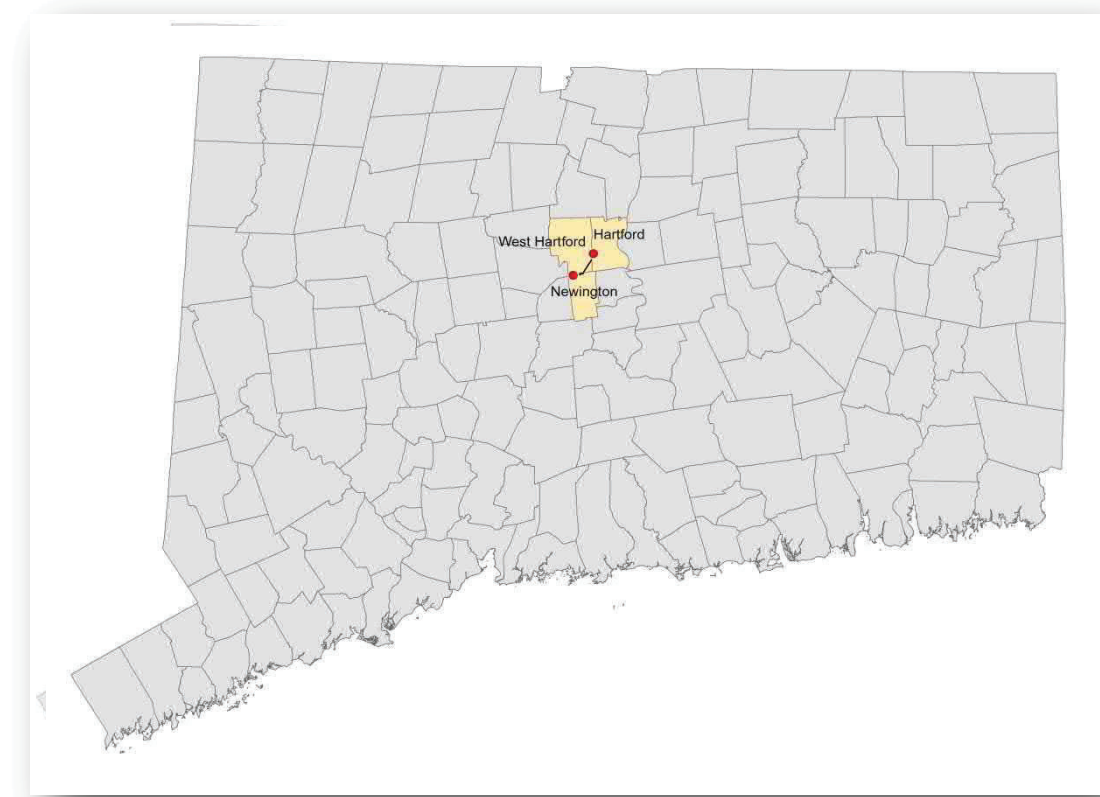


GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT

DEVELOPMENT AND MANAGEMENT PLAN FOR NEW 115-kV TRANSMISSION LINE - OVERHEAD SEGMENT

VOLUME 1-OH
APPENDICES

MARCH 2019



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EVERSOURCE ENERGY

GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT DEVELOPMENT AND MANAGEMENT PLAN FOR NEW 115-KV TRANSMISSION LINE – OVERHEAD SEGMENT VOLUME 1-OH APPENDICES

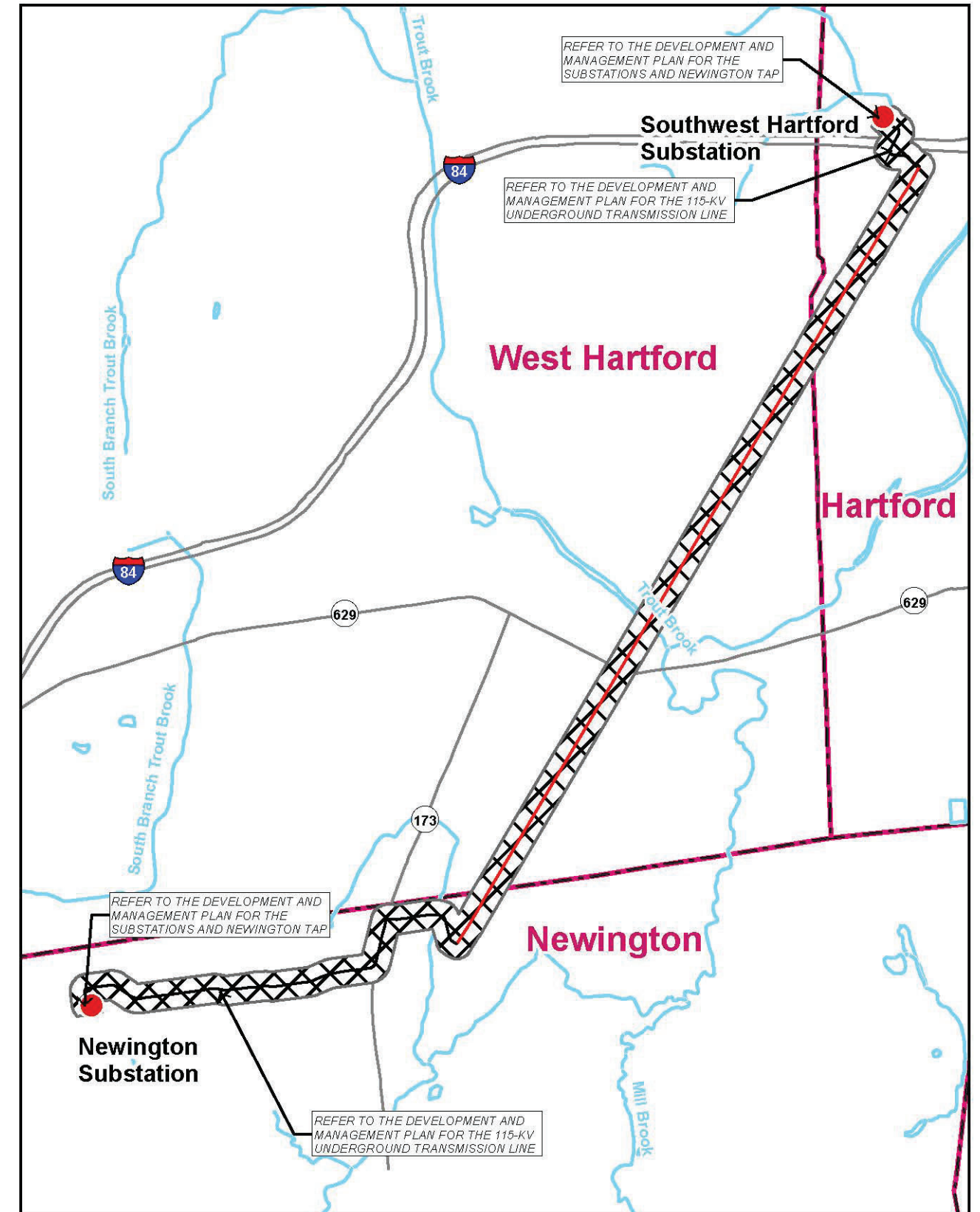
TABLE OF CONTENTS

APPENDIX A: OVERHEAD SEGMENT OF THE 115-KV TRANSMISSION LINE

EXHIBIT A.1	CROSS SECTION SHEETS: 115-KV OVERHEAD LINE
EXHIBIT A.2	TYPICAL TRANSITION STRUCTURE DETAIL
EXHIBIT A.3	TYPICAL STRUCTURE FOUNDATION DETAIL
EXHIBIT A.4	USGS / MAP SHEET INDEX (1:24,000 SCALE)
EXHIBIT A.5	AERIAL MAP SHEETS 1-11 (1:1,200 SCALE)
EXHIBIT A.6	OVERHEAD PLAN AND PROFILE DRAWINGS

APPENDIX B: DETAIL SHEETS

1	EROSION AND SEDIMENT CONTROL PROTOCOLS
2	EROSION AND SEDIMENT CONTROL DETAILS



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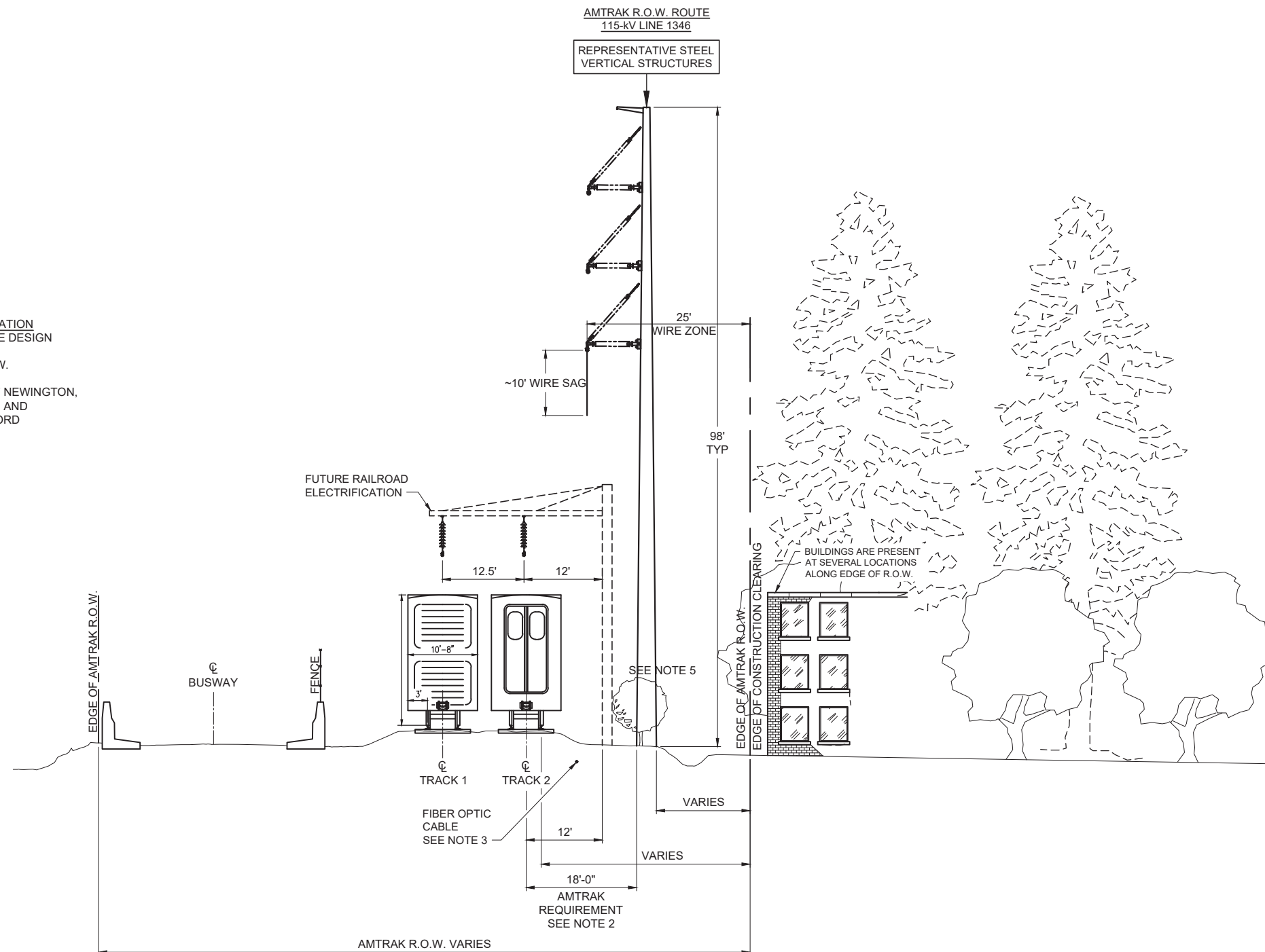
APPENDIX A

OVERHEAD SEGMENT OF THE 115-kV TRANSMISSION LINE

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ROUTE CONFIGURATION
VERTICAL STEEL POLE DESIGN
AMTRAK R.O.W.
IN THE MUNICIPALITIES OF NEWINGTON,
WEST HARTFORD AND
CITY OF HARTFORD
LOOKING
NORTH
(2.4 MILES)



NOTES:

1. DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.
2. PER CE-4 SPECIFICATIONS FOR WIRE, CONDUIT AND CABLE OCCUPATIONS OF NATIONAL RAILROAD PASSENGER CORPORATION PROPERTY SECTION 3.C.5.A, "POLES SHALL BE SET NO CLOSER THAN 18'-0" FROM FACE OF POLE TO CENTERLINE OF NEAREST TRACK. WHEN NECESSARY, HOWEVER, EACH LOCATION WILL BE ANALYZED TO CONSIDER SPEED, TRAFFIC, ETC."
3. UNDERGROUND POWER AND DATA SIGNAL LINES MAY NEED TO BE RE-ROUTED AROUND PROPOSED TRANSMISSION LINE STRUCTURE.
4. CLEARING OUTSIDE AMTRAK ROW IS EXPECTED TO BE LIMITED TO DANGER TREES AND AREAS WITHIN APPROVED WORKSPACES.
5. NO WOODY SHRUB SPECIES, LOW MATURING TREES AND DOGWOODS (WITH MATURE HEIGHTS GREATER THAN 15') WILL BE ALLOWED INSIDE THE WIRE ZONE AFTER INITIAL CONSTRUCTION CLEARING.

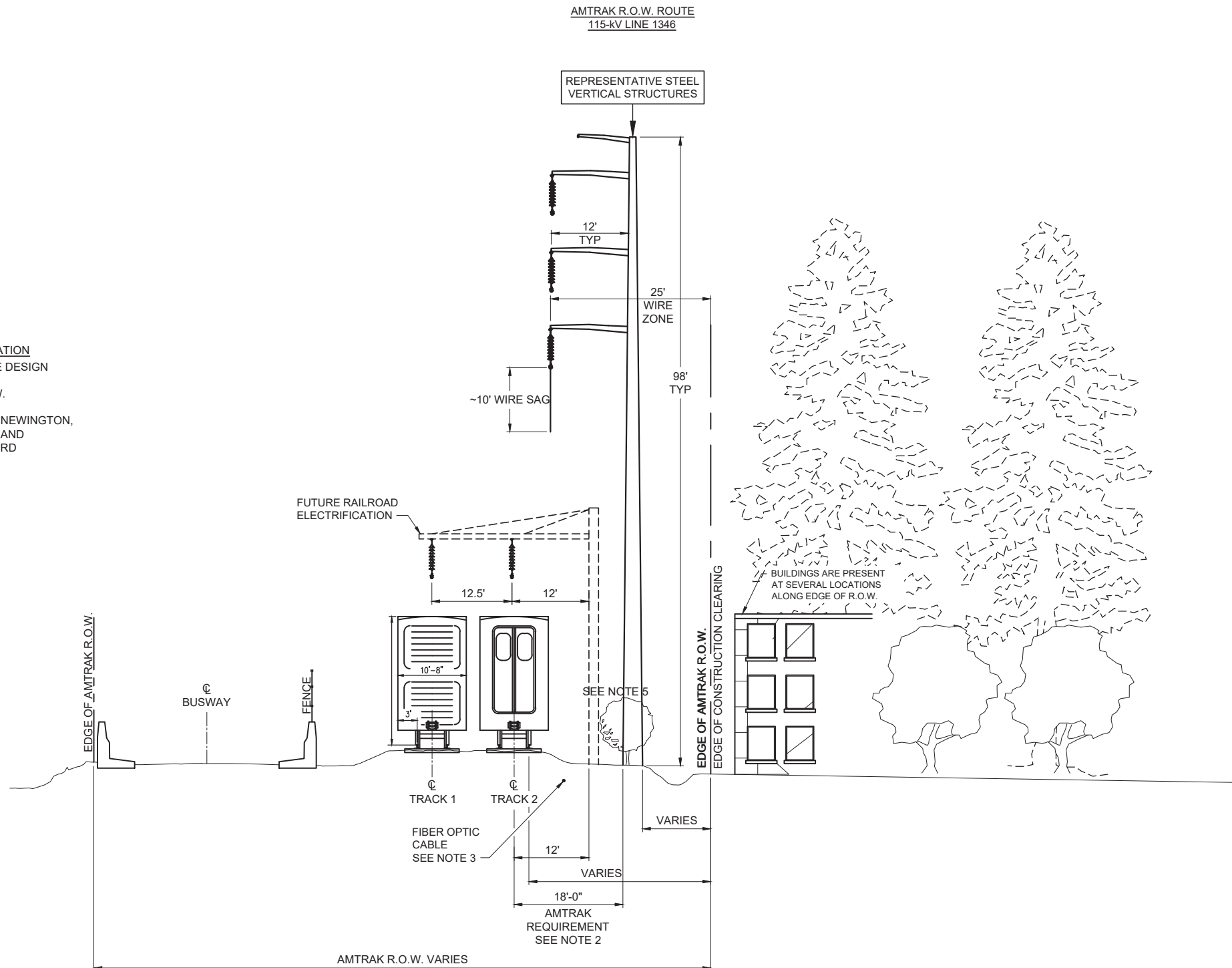
Exhibit A.1

EVERSOURCE
ENERGY

TITLE
**GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT
PROPOSED CROSS SECTION - VERTICAL CONFIGURATION
ALONG AMTRAK ROW**

BY	M. PEPICH	CHKD	D. CAMPBELL	APP	APP
DATE	12/07/17	DATE	12/07/17	DATE	DATE
SCALE	NONE	MICROFILM	DATE	DWG. NO.	XS-1
P.A. #					

ROUTE CONFIGURATION
VERTICAL STEEL POLE DESIGN
AMTRAK R.O.W.
IN THE MUNICIPALITIES OF NEWINGTON,
WEST HARTFORD AND
CITY OF HARTFORD
LOOKING
NORTH
(2.4 MILES)



NOTES:

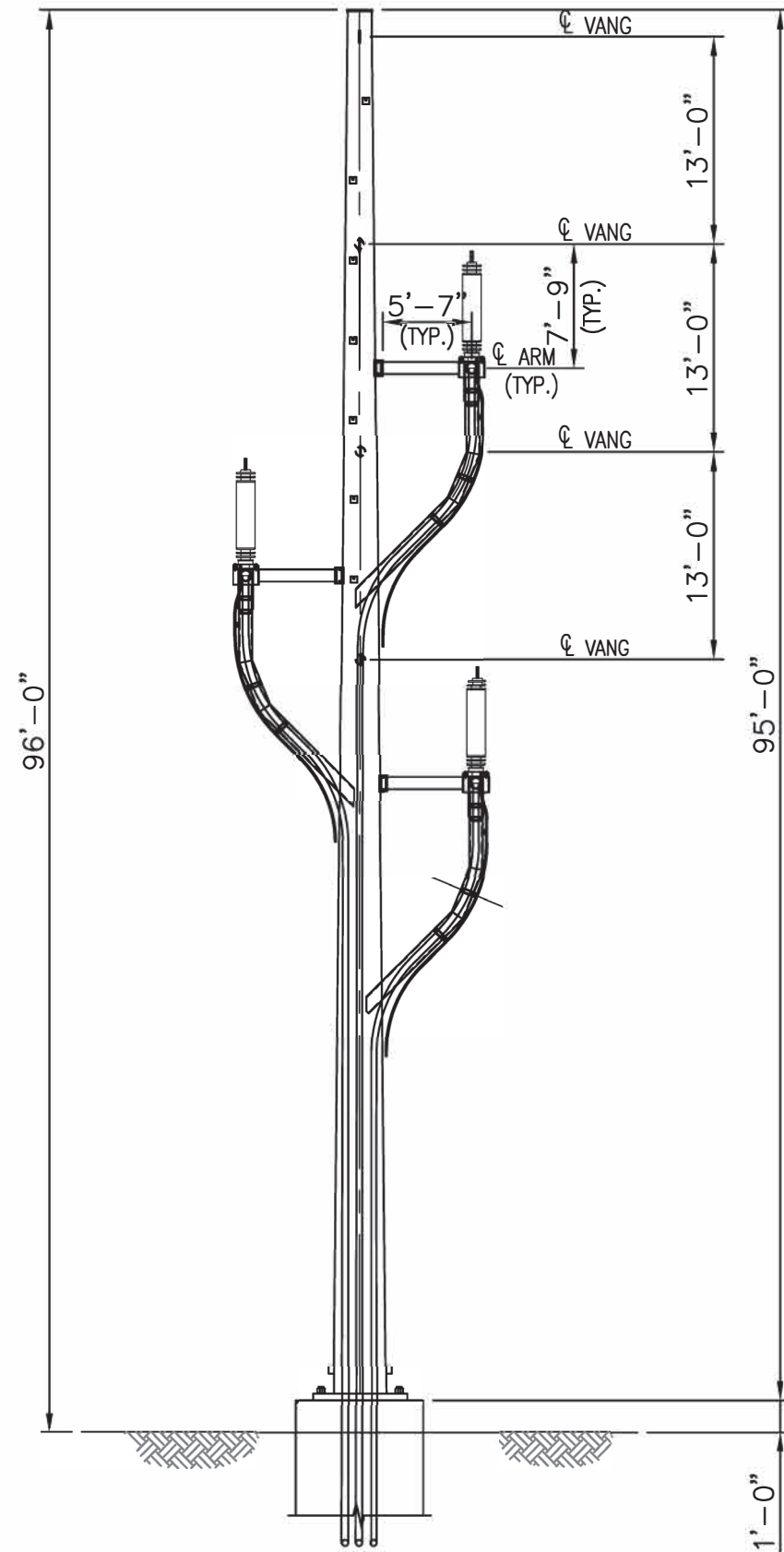
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Exhibit A.1

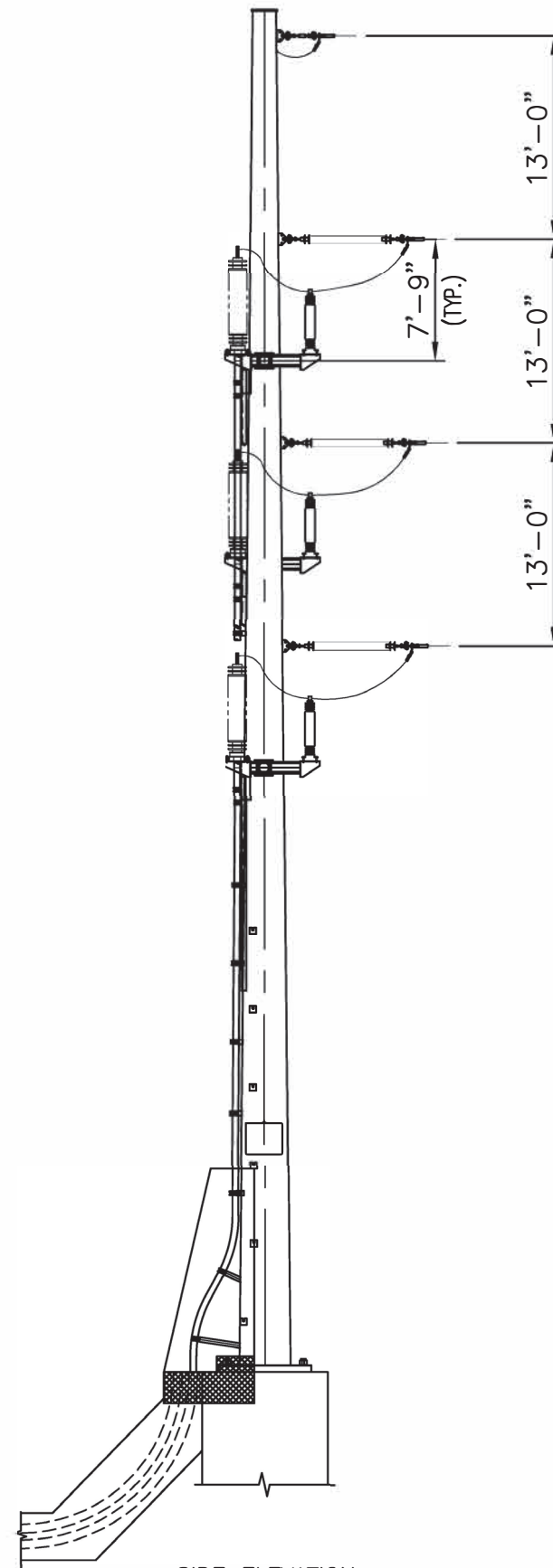
EVERSOURCE
ENERGY

TITLE
**GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT
PROPOSED CROSS SECTION - VERTICAL CONFIGURATION
ALONG AMTRAK ROW**

BY	M. PEPICH	CHKD	D. CAMPBELL	APP	APP
DATE	12/07/17	DATE	12/07/17	DATE	DATE
SCALE	NONE	MICROFILM	DATE	DWG. NO.	XS-2
P.A. #					



FRONT ELEVATION



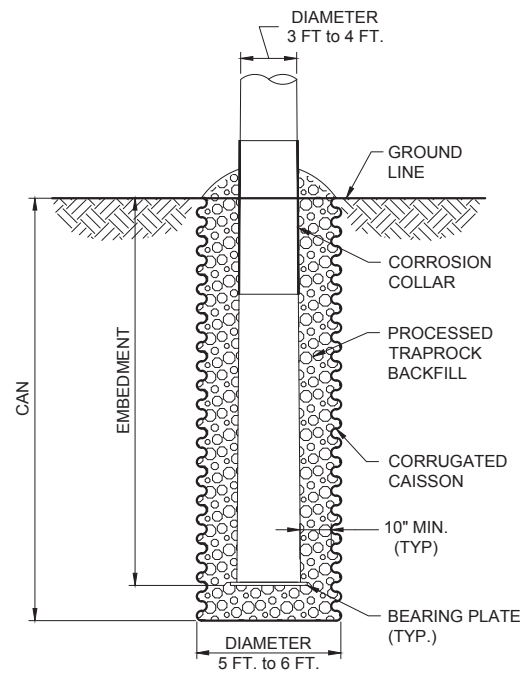
SIDE ELEVATION

Exhibit A.2

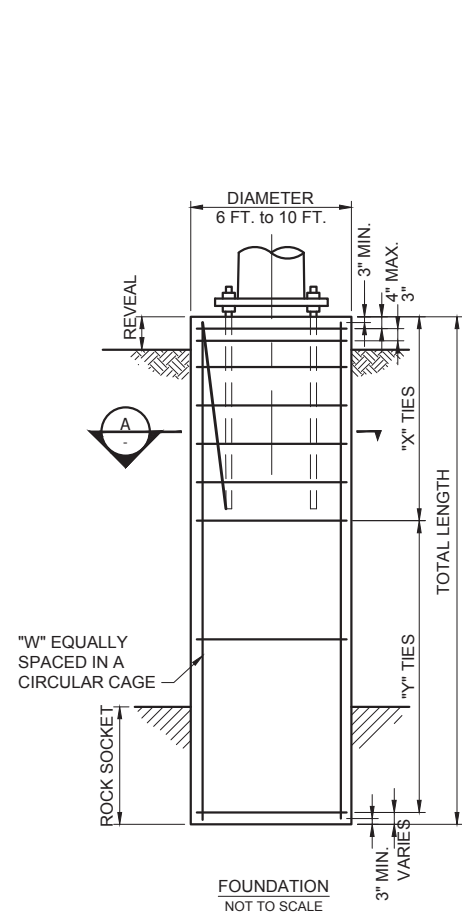
EVERSOURCE
ENERGY

TITLE
GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT
PROPOSED TRANSITION STRUCTURE

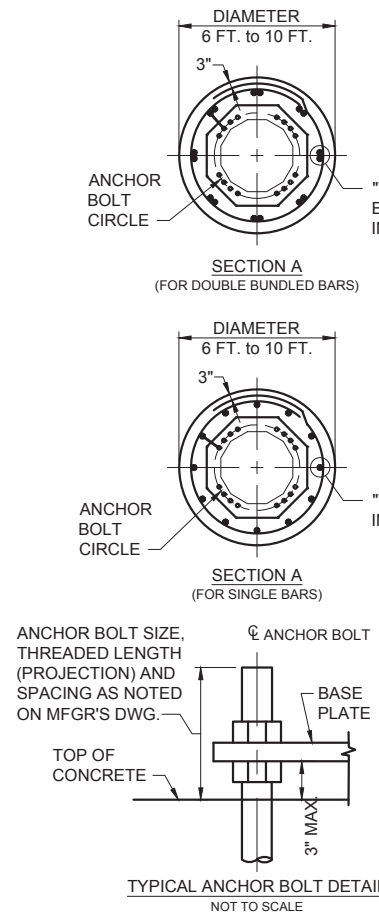
BY M. PEPICH	CHKD D. CAMPBELL	APP	APP
DATE 04/13/17	DATE 04/13/17	DATE	DATE
SCALE NONE	MICROFILM DATE	DWG. NO. TRANSITION STR.	
P.A. #			



DETAIL 1
DIRECT EMBEDDED FOUNDATION



DETAIL 2
DRILLED SHAFT FOUNDATION



DETAIL 3
STEEL CASING FOUNDATION

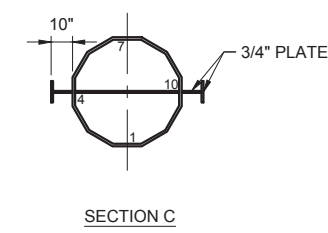
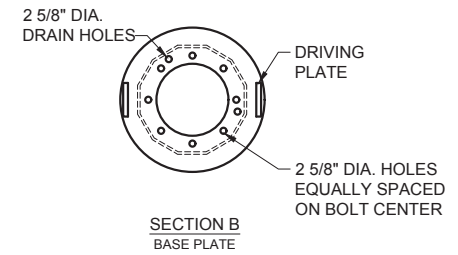
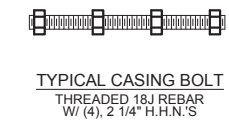
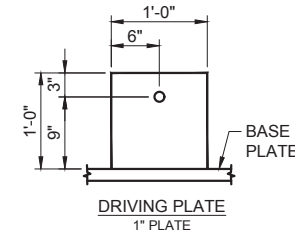
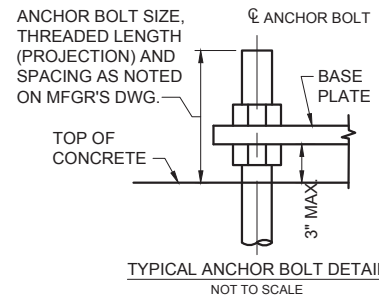
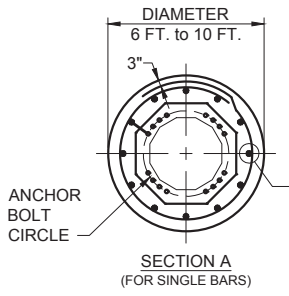
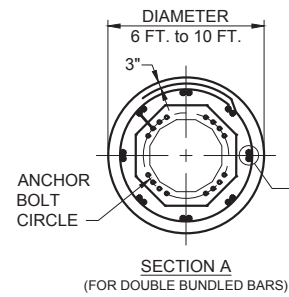


Exhibit A.3

NOT ISSUED FOR
CONSTRUCTION

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
B	04/06/18	UPDATED DRILLED PIER DIAMETER	MSP	DEC	-	-
A	11/22/17	IFR - 70% DESIGN	MSP	DEC	-	-

**BURNS
MEDONNELL**

83707

date JUN. 3, 2016 detailed M. PEPICH

designed D. CAMPBELL checked -

NO.	DATE	AS BUILT REVISIONS	BY	CHK	APP	APP
-	-	-	-	-	-	-

**EVERSOURCE
ENERGY**

GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT
TYPICAL FOUNDATION DETAILS

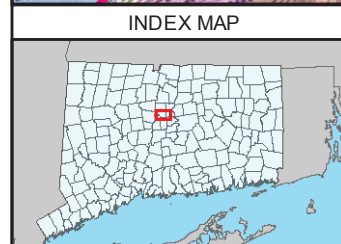
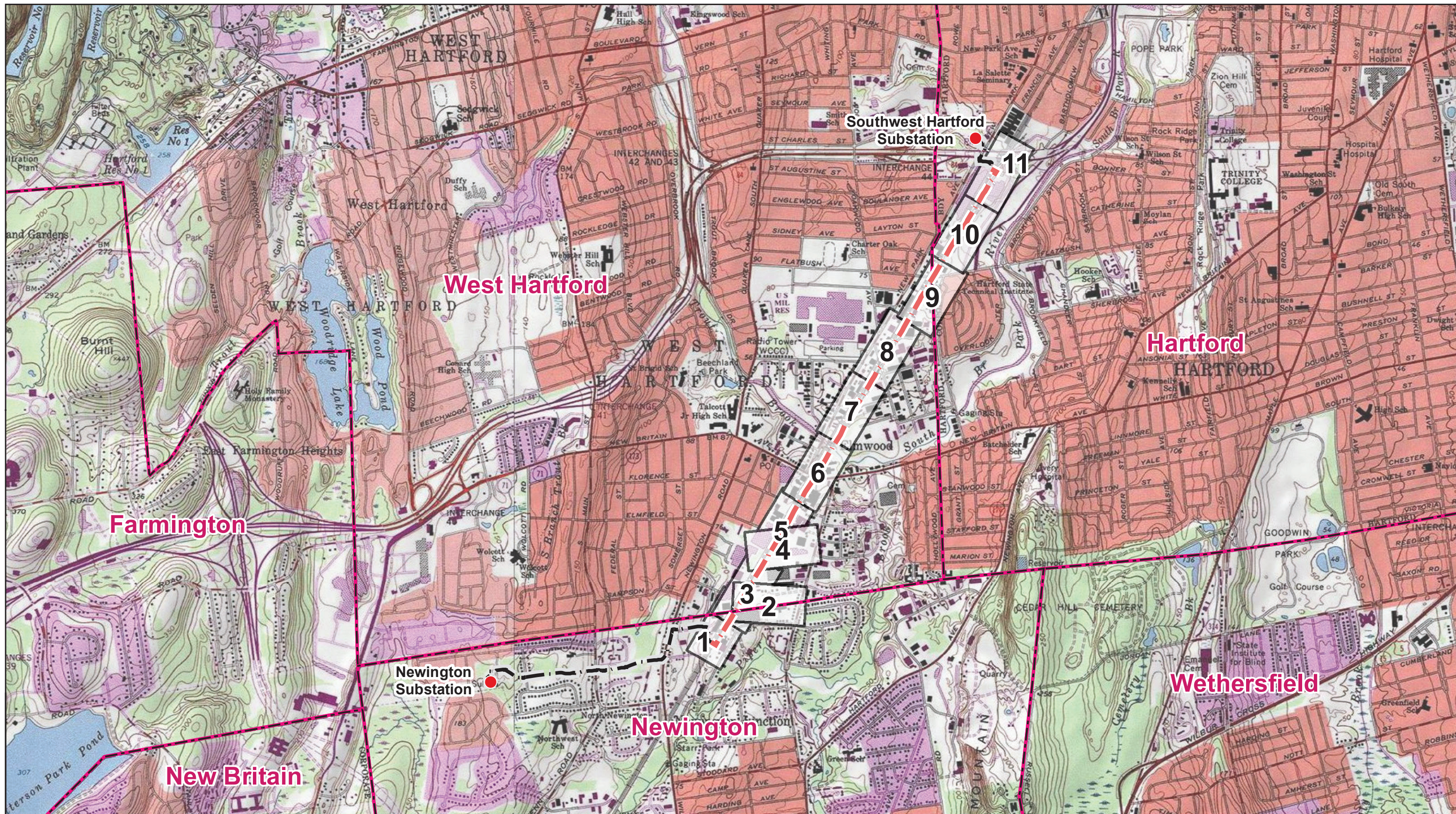
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BY	DATE	DATE	DATE	DATE
BMCD/MSP	06/24/16	BMCD/VCM	06/24/16	APP -

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V-SCALE N/A V.S. R.E. DWG

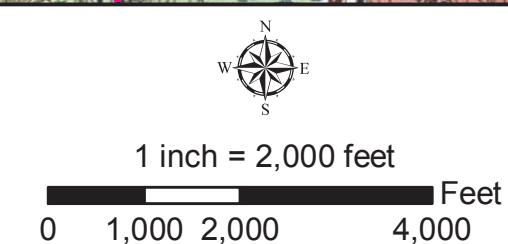
R.E. PROJ. NUMBER DWG NO. SHEET 1 of 1

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Legend

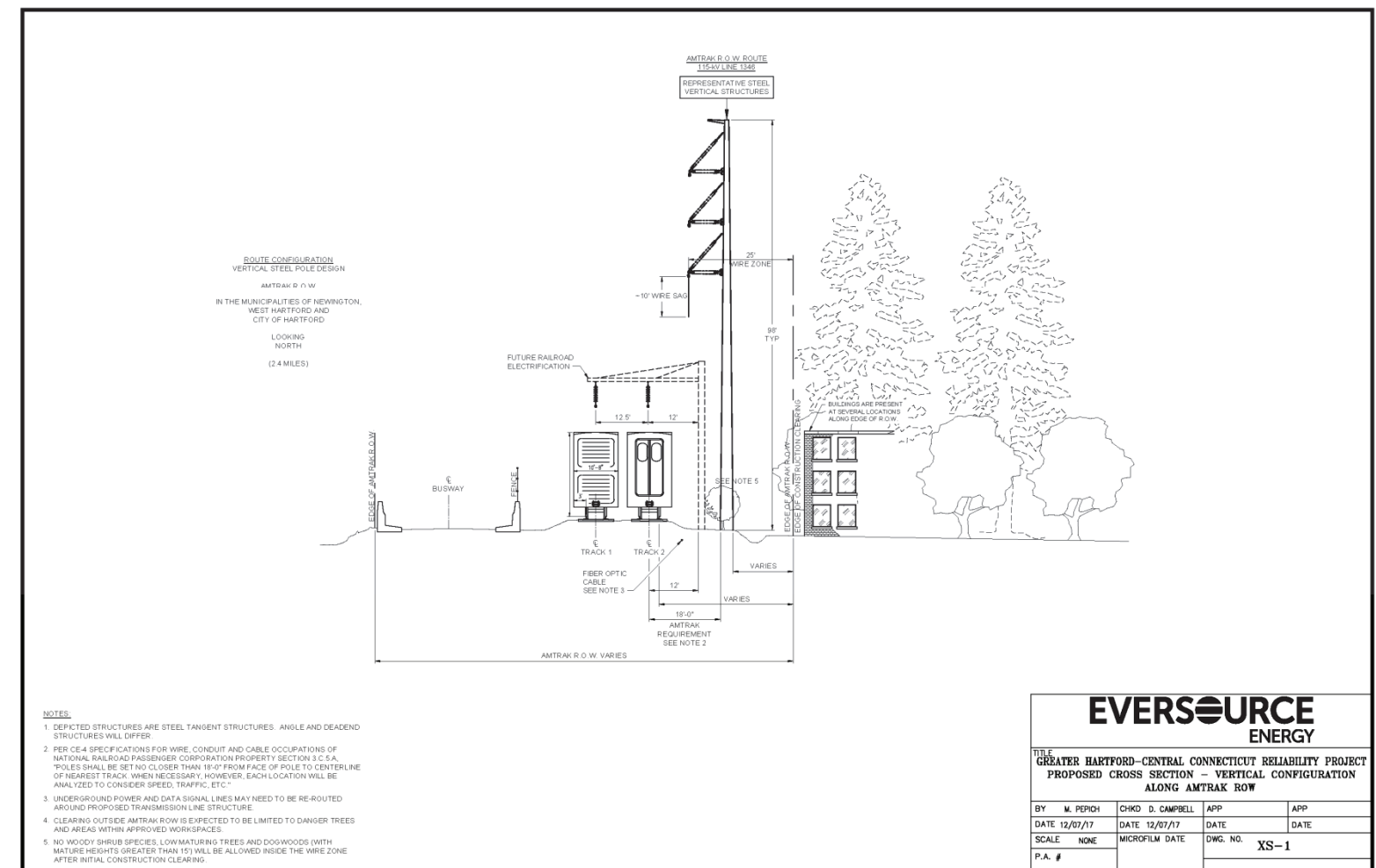
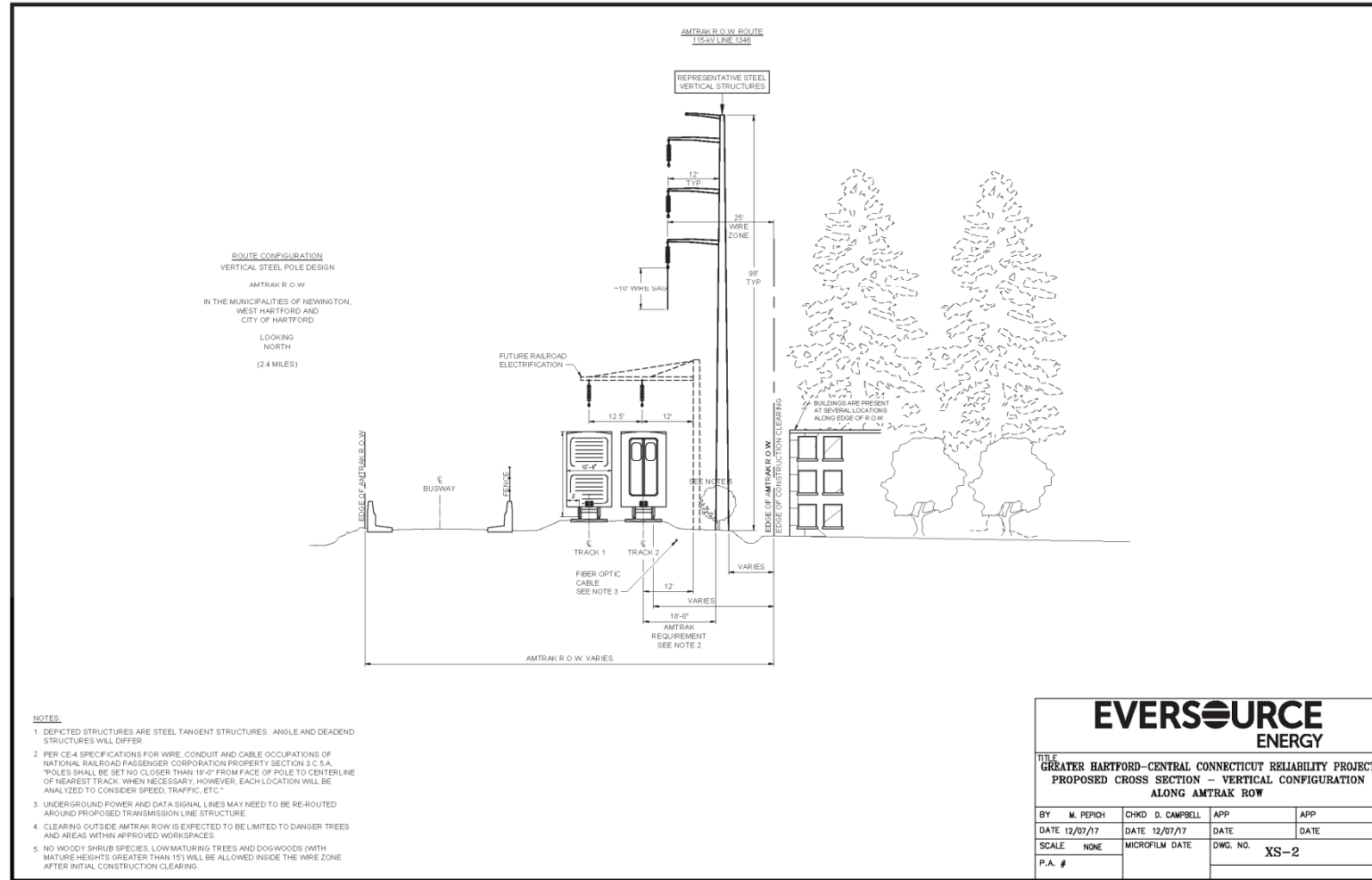
- Substation
- - - Overhead Eversource Line
- - - Underground Eversource Line
- Municipal Boundary
- Map Sheet Extent and Number



EVERSOURCE
 Greater Hartford-Central Connecticut
 Reliability Project (GHCCRP)
 Overhead Segment of the
 115-kV Transmission Line
 Newington, West Hartford, and Hartford, CT

Exhibit A.4	AECOM
2/6/2019	

MAP SHEET 1 of 11
Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
115-kV Transmission Line – Overhead Segment
Newington & West Hartford, Connecticut

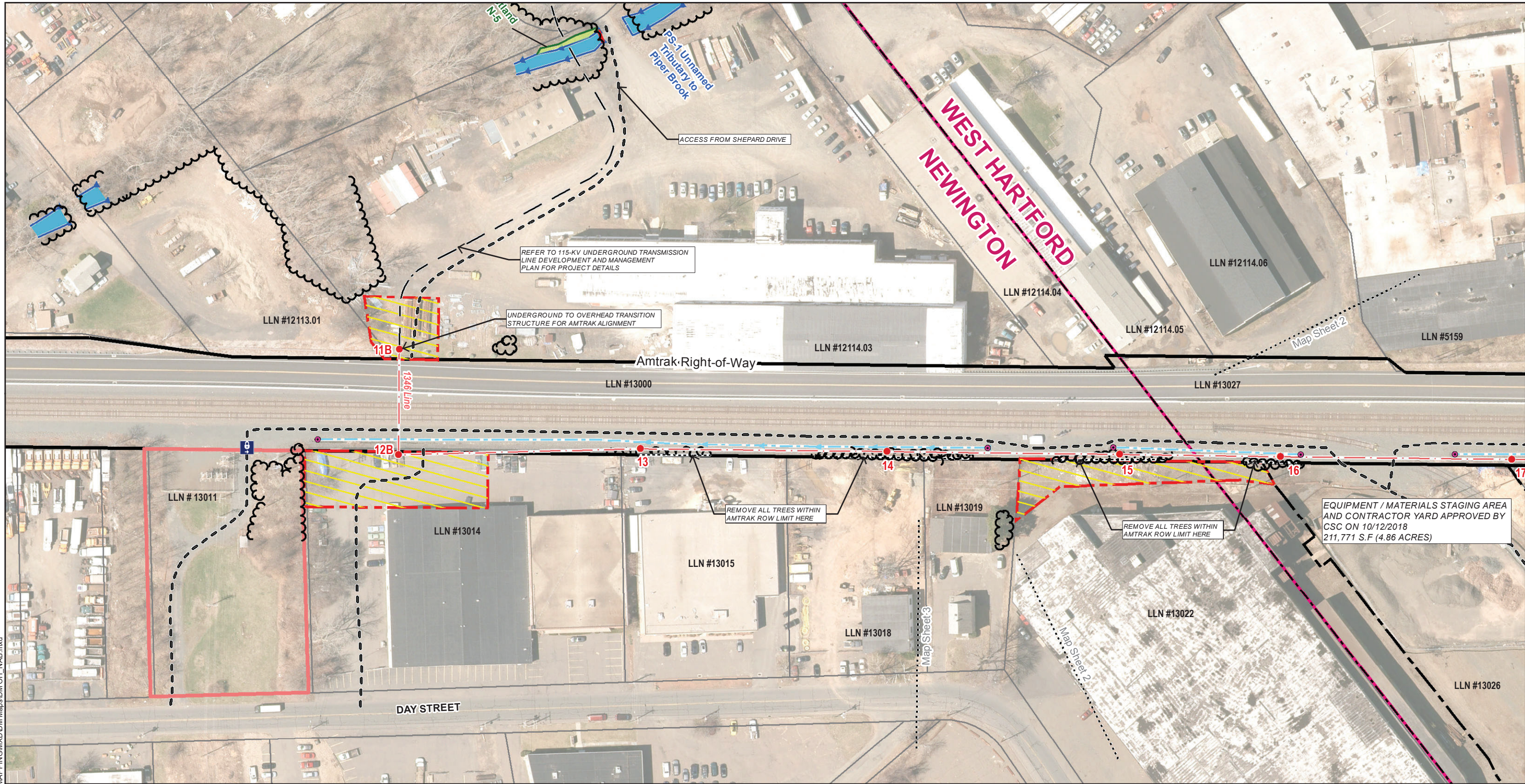


Line List Number	Town	Site Address	Owner Name
5159	WEST HARTFORD	60 BROOK STREET	H-K CONNECTICUT HOLDING COMPANY LLC
12113.01	NEWINGTON	64-66 SPRING STREET	ROBERT BIELLA LU ETAL
12114.03	NEWINGTON	53-55 SHEPARD DRIVE	3S ASSOCIATES LLC
12114.04	NEWINGTON	48 SHEPARD DRIVE	C & G PROPERTIES LLC
12114.05	WEST HARTFORD	51C BROOK STREET	C & G PROPERTIES LLC
12114.06	WEST HARTFORD	51B BROOK STREET	ROSE MILLS HOLDINGS LLC
13000	NEWINGTON	176 WILLARD AVE	NATIONAL RAILROAD PASSENGER CORP
13011	NEWINGTON	160 DAY STREET	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)
13014	NEWINGTON	136-140 DAY STREET	GEORGE A GUERTIN TRUST
13015	NEWINGTON	124-128 DAY STREET	EAZ REALTY LLC
13018	NEWINGTON	110 DAY STREET	MARTIN & MARTIN LLC
13019	NEWINGTON	100-102 DAY STREET	SOUZA FAMILY LIMITED PARTNERSHIP
13022	NEWINGTON	90 DAY STREET	90 DAY STREET LLC
13026	WEST HARTFORD	15 JANSEN COURT	90 DAY STREET LLC
13027	WEST HARTFORD	1037 NEW BRITAIN AVENUE	NATIONAL RAILROAD PASSENGER CORP (AMTRAK)

Str # *	X-SEC	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
11B	N/A	RISER/TRANSITION	95	GALVANIZED STEEL POLE	DRILLED SHAFT
12B	XS-2	DEADEND	100	GALVANIZED STEEL POLE	DRILLED SHAFT
13	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
14	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
15	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
16	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON

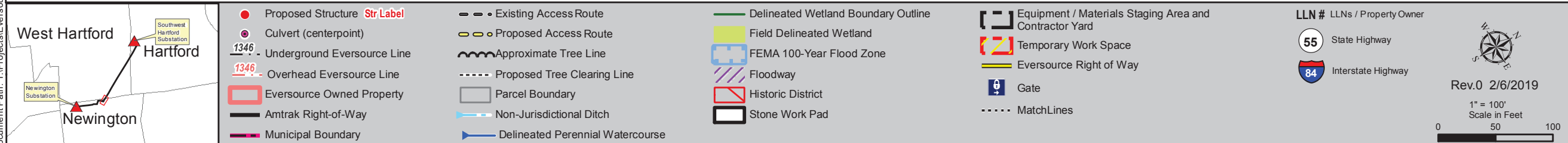
* OVERHEAD LINE STRUCTURE NUMBERS ON THE 1346 LINE BEGIN AT NUMBER 11B AND INCREASE THEREAFTER (I.E., THERE ARE NO STRUCTURES 1-10)

- SITE SPECIFIC NOTES**
- A. DEWATERING DISCHARGES SHALL BE PUMPED INTO AN APPROPRIATE SEDIMENT CONTROL BASIN OR DEWATERING BAG, FRAC TANK OR WATER TRUCK, OR AS SPECIFIED IN EVERSOURCE'S BMP MANUAL.
 - B. EXISTING NON-JURISDICTIONAL STORMWATER DITCH SHALL BE SUITABLY BRIDGED OR CULVERTED BENEATH CONSTRUCTION WORK PADS TO ALLOW FOR UNIMPEDED FLOW.



General Notes:

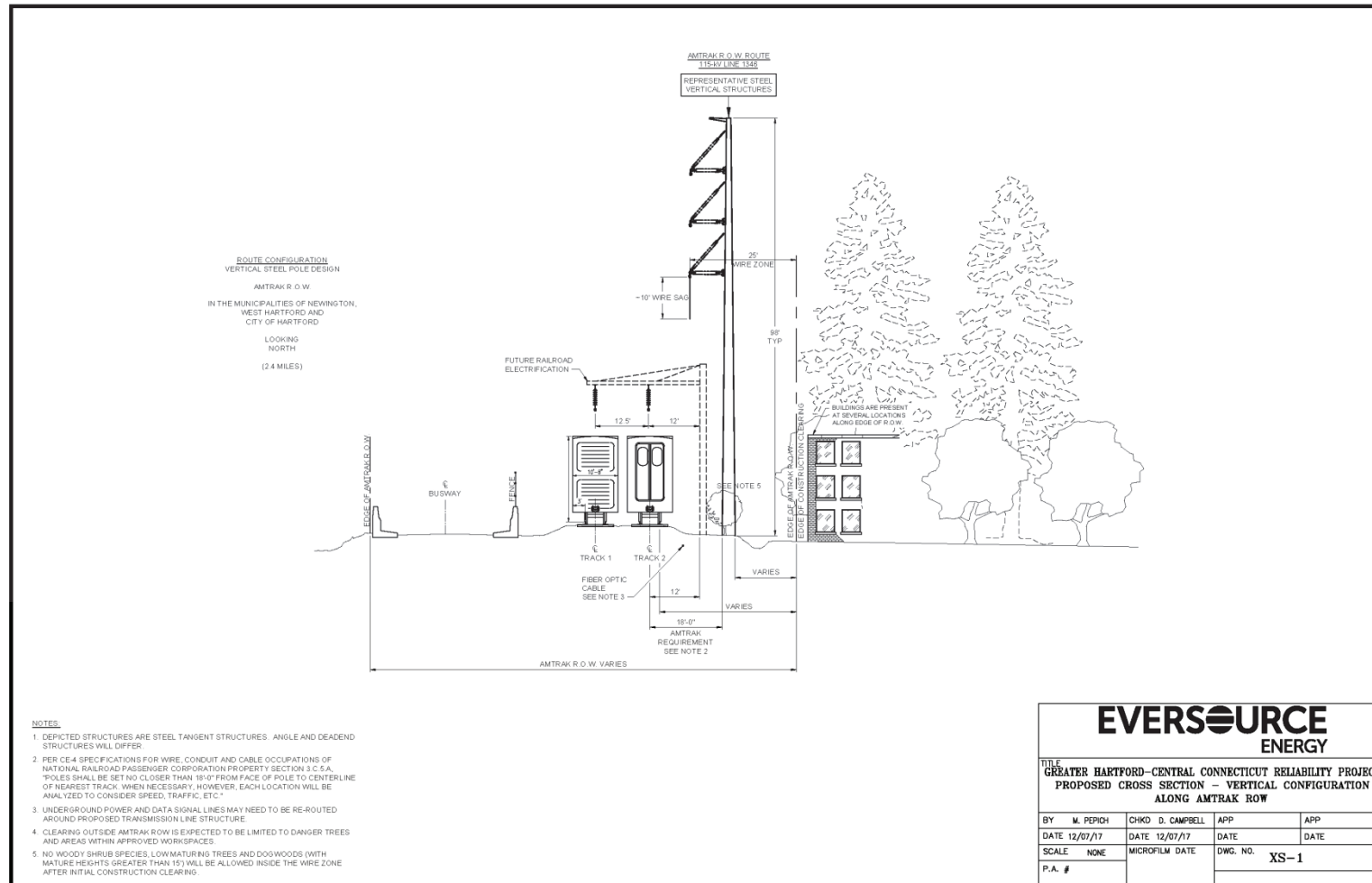
1. The limits of tree clearing, as shown, define areas where vegetation removal and grubbing, grading, and excavation may occur. Minor deviations may be required in some locations. Additionally, danger or hazard tree removal may be required outside of the tree clearing limits.
2. All work will be conducted in accordance with the relevant portions of Eversource's "Best Management Practices Manual for Massachusetts and Connecticut (September 2016)" (BMP Manual), unless more stringent project-specific measures apply. All work will be conducted in accordance with the requirements of siting approvals from the Council and regulatory approvals from the Connecticut Department of Energy and Environmental Protection, and all project protocols. Refer to Appendix B, Detail Sheets 1-2.
3. Erosion and Sedimentation Control Measures will be installed during construction, as required, to comply with the provisions, as applicable, of the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, Eversource's BMP Manual, and regulatory approvals.
4. Existing culverts will be protected, as deemed necessary, to prevent damage during construction. Inlet protection shall be installed for any stormwater catch basin within the work zone.
5. Paved surfaces shall be protected during construction as necessary and any damage to surfaces shall be repaired at the expense of the contractor. Safety signage to indicate construction work zones shall be installed along public roads as necessary and as required through coordination with state and local entities.
6. Spoils resulting from construction activities will be stockpiled in designated areas and will be disposed of in accordance with regulatory requirements.



EVERSOURCE	
Greater Hartford-Central Connecticut Reliability Project (GHCCRP) Overhead Segment of the 115-kV Transmission Line Newington, West Hartford, and Hartford, CT	
Exhibit A.5: Aerial Map	AECOM
Page 1 of 11	

Document Path: Y:\Projects\Eversource\GHCCRP\Map\MapSheet\MapSheet3.mxd

MAP SHEET 2 of 11
Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
115-kV Transmission Line – Overhead Segment
Newington & West Hartford, Connecticut



- NOTES:**
1. DEPICTED STRUCTURES ARE STEEL TANGENT STRUCTURES. ANGLE AND DEADEND STRUCTURES WILL DIFFER.
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5159	WEST HARTFORD	60 BROOK STREET	H-K CONNECTICUT HOLDING COMPANY LLC
12114.06	WEST HARTFORD	51B BROOK STREET	ROSE MILLS HOLDINGS LLC
13019	NEWINGTON	100-102 DAY STREET	SOUZA FAMILY LIMITED PARTNERSHIP
13022	NEWINGTON	90 DAY STREET	90 DAY STREET LLC
13026	WEST HARTFORD	15 JANSEN COURT	90 DAY STREET LLC
13027	WEST HARTFORD	1037 NEW BRITAIN AVENUE	NATIONAL RAILROAD PASSENGER CORP (AMTRAK)
13028	WEST HARTFORD	38 JANSEN COURT	SACK PROPERTIES II LLC

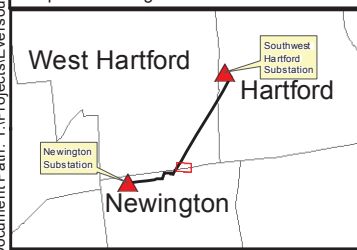
Str #	X-SEC	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
16	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
17	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON

- SITE SPECIFIC NOTES**
- A. DEWATERING DISCHARGES SHALL BE PUMPED INTO AN APPROPRIATE SEDIMENT CONTROL BASIN OR DEWATERING BAG, FRAC TANK OR WATER TRUCK, OR AS SPECIFIED IN EVERSOURCE'S BMP MANUAL.
 - B. EXISTING NON-JURISDICTIONAL STORMWATER DITCH SHALL BE SUITABLY BRIDGED OR CULVERTED BENEATH CONSTRUCTION WORK PADS TO ALLOW FOR UNIMPEDED FLOW.

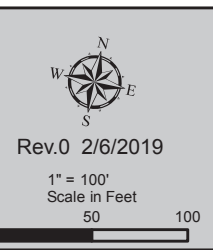


General Notes:

- The limits of tree clearing, as shown, define areas where vegetation removal and grubbing, grading, and excavation may occur. Minor deviations may be required in some locations. Additionally, danger or hazard tree removal may be required outside of the tree clearing limits.
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- Spoils resulting from construction activities will be stockpiled in designated areas and will be disposed of in accordance with regulatory requirements.



<ul style="list-style-type: none"> Proposed Structure Str Label Culvert (centerpoint) Underground Eversource Line Overhead Eversource Line Eversource Owned Property Amtrak Right-of-Way Municipal Boundary 	<ul style="list-style-type: none"> Existing Access Route Proposed Access Route Approximate Tree Line Proposed Tree Clearing Line Parcel Boundary Non-Jurisdictional Ditch Delineated Perennial Watercourse 	<ul style="list-style-type: none"> Delineated Wetland Boundary Outline Field Delineated Wetland FEMA 100-Year Flood Zone Floodway Historic District Stone Work Pad 	<ul style="list-style-type: none"> Equipment / Materials Staging Area and Contractor Yard Temporary Work Space Eversource Right of Way Gate MatchLines 	<p>LLN # LLNs / Property Owner</p> <ul style="list-style-type: none"> State Highway Interstate Highway
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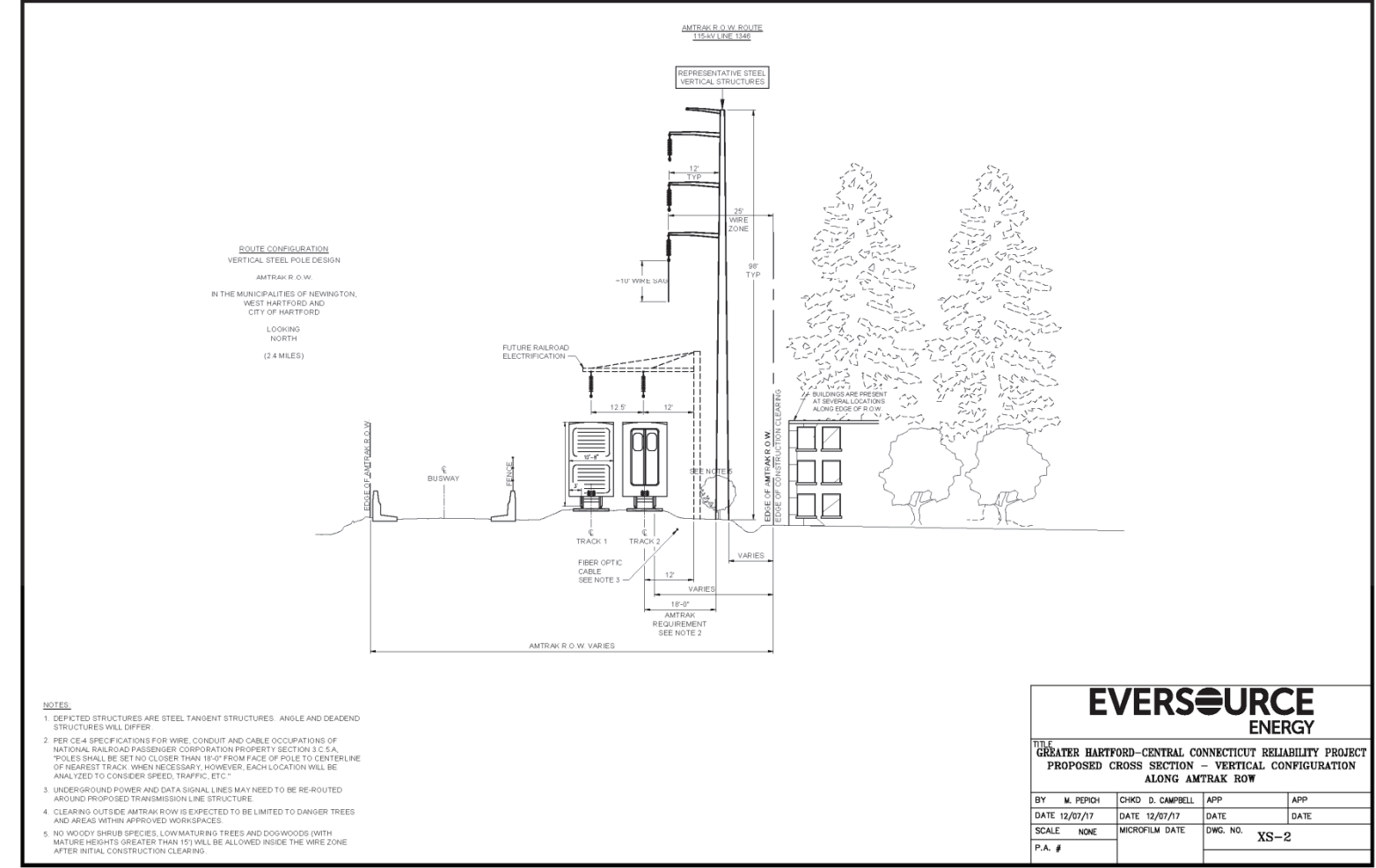
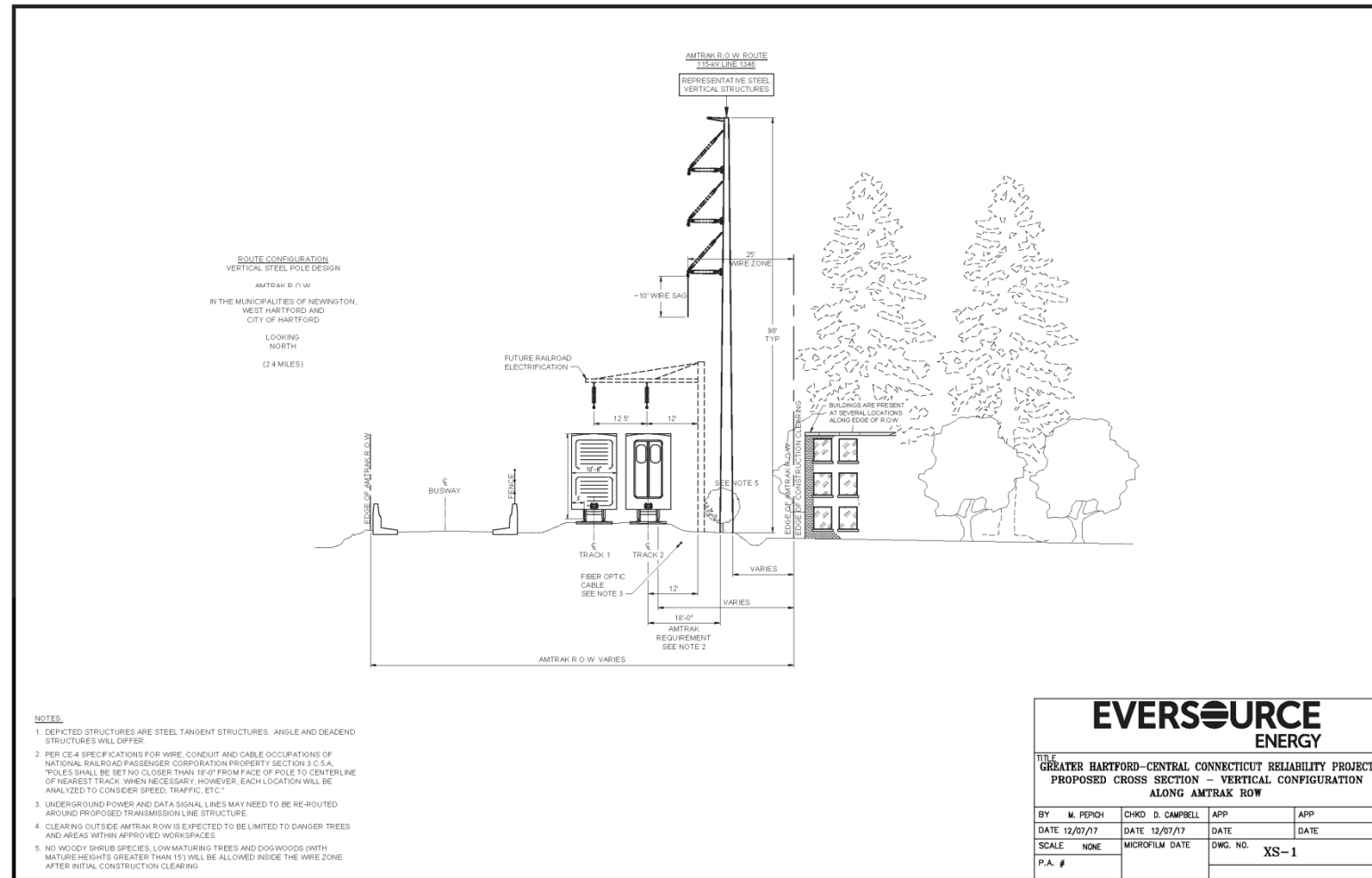
EVERSOURCE
 Greater Hartford-Central Connecticut
 Reliability Project (GHCCRP)
 Overhead Segment of the
 115-kV Transmission Line
 Newington, West Hartford, and Hartford, CT

Exhibit A.5: Aerial Map

Page 2 of 11

AECOM

MAP SHEET 3 of 11
Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
115-kV Transmission Line – Overhead Segment
Newington & West Hartford, Connecticut



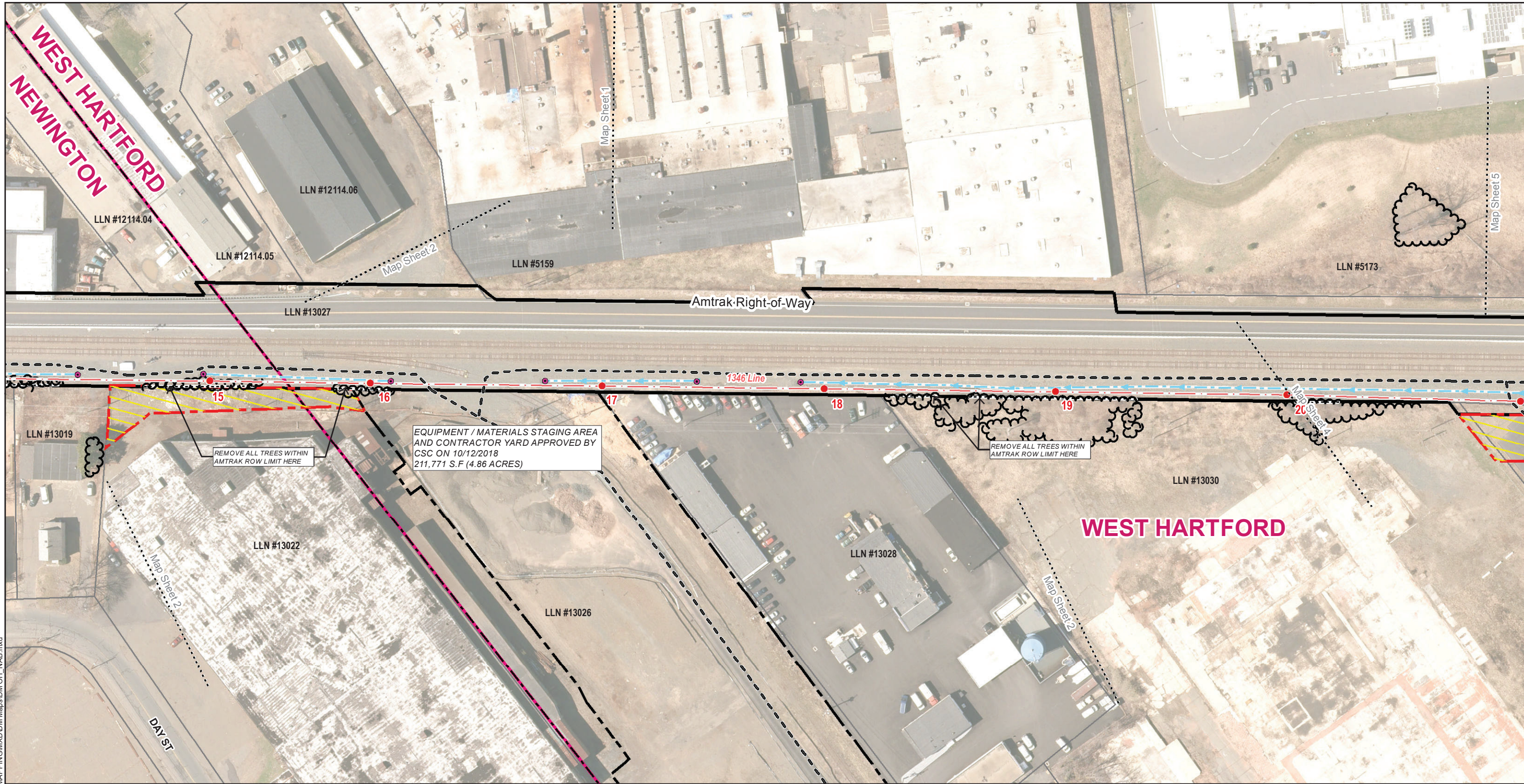
Line List Number	Town	Site Address	Owner Name
5159	WEST HARTFORD	60 BROOK STREET	H-K CONNECTICUT HOLDING COMPANY LLC
5173	WEST HARTFORD	176 NEWINGTON ROAD	WEST HARTFORD GROCERY CENTER DISTRICT
12114.03	NEWINGTON	53-55 SHEPARD DRIVE	3S ASSOCIATES LLC
12114.04	NEWINGTON	48 SHEPARD DRIVE	C & G PROPERTIES LLC
12114.05	WEST HARTFORD	51C BROOK STREET	C & G PROPERTIES LLC
12114.06	WEST HARTFORD	51B BROOK STREET	ROSE MILLS HOLDINGS LLC
13000	NEWINGTON	176 WILLARD AVE	NATIONAL RAILROAD PASSENGER CORP
13019	NEWINGTON	100-102 DAY STREET	SOUZA FAMILY LIMITED PARTNERSHIP
13022	NEWINGTON	90 DAY STREET	90 DAY STREET LLC
13026	WEST HARTFORD	15 JANSEN COURT	90 DAY STREET LLC
13027	WEST HARTFORD	1037 NEW BRITAIN AVENUE	NATIONAL RAILROAD PASSENGER CORP (AMTRAK)
13028	WEST HARTFORD	38 JANSEN COURT	SACK PROPERTIES II LLC
13030	WEST HARTFORD	179 SOUTH STREET	HONEYWELL INTERNATIONAL INC C/O ATLAS GROUP US INC

Str #	X-SEC	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
15	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
16	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
17	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
18	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
19	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
20	XS-2	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON

SITE SPECIFIC NOTES

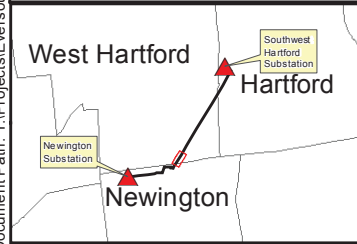
A. DEWATERING DISCHARGES SHALL BE PUMPED INTO AN APPROPRIATE SEDIMENT CONTROL BASIN OR DEWATERING BAG, FRAC TANK OR WATER TRUCK, OR AS SPECIFIED IN EVERSOURCE'S BMP MANUAL.

B. EXISTING NON-JURISDICTIONAL STORMWATER DITCH SHALL BE SUITABLY BRIDGED OR CULVERTED BENEATH CONSTRUCTION WORK PADS TO ALLOW FOR UNIMPEDED FLOW.

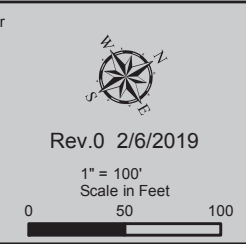


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4. Existing culverts will be protected, as deemed necessary, to prevent damage during construction. Inlet protection shall be installed for any stormwater catch basin within the work zone.
5. Paved surfaces shall be protected during construction as necessary and any damage to surfaces shall be repaired at the expense of the contractor. Safety signage to indicate construction work zones shall be installed along public roads as necessary and as required through coordination with state and local entities.
6. Spoils resulting from construction activities will be stockpiled in designated areas and will be disposed of in accordance with regulatory requirements.



<ul style="list-style-type: none"> ● Proposed Structure Str Label ○ Culvert (centerpoint) 1346 - Underground Eversource Line 1346 - Overhead Eversource Line □ Eversource Owned Property — Amtrak Right-of-Way — Municipal Boundary 	<ul style="list-style-type: none"> — Existing Access Route — Proposed Access Route — Approximate Tree Line — Proposed Tree Clearing Line □ Parcel Boundary — Non-Jurisdictional Ditch — Delineated Perennial Watercourse 	<ul style="list-style-type: none"> — Delineated Wetland Boundary Outline □ Field Delineated Wetland □ FEMA 100-Year Flood Zone □ Floodway □ Historic District □ Stone Work Pad 	<ul style="list-style-type: none"> □ Equipment / Materials Staging Area and Contractor Yard □ Temporary Work Space — Eversource Right of Way □ Gate — MatchLines 	<p>LLN # LLNs / Property Owner</p> <ul style="list-style-type: none"> 55 State Highway 84 Interstate Highway
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EVERSOURCE

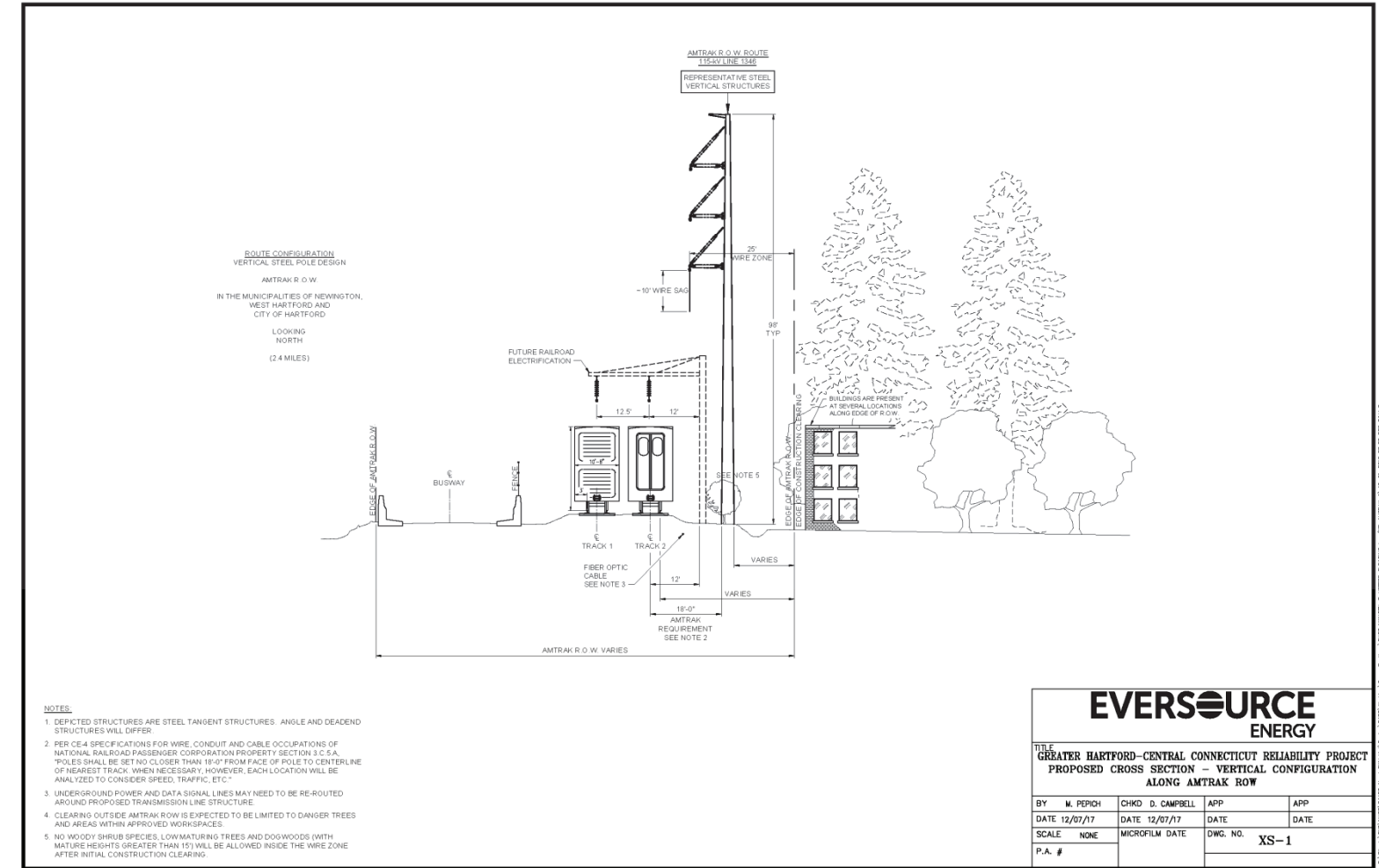
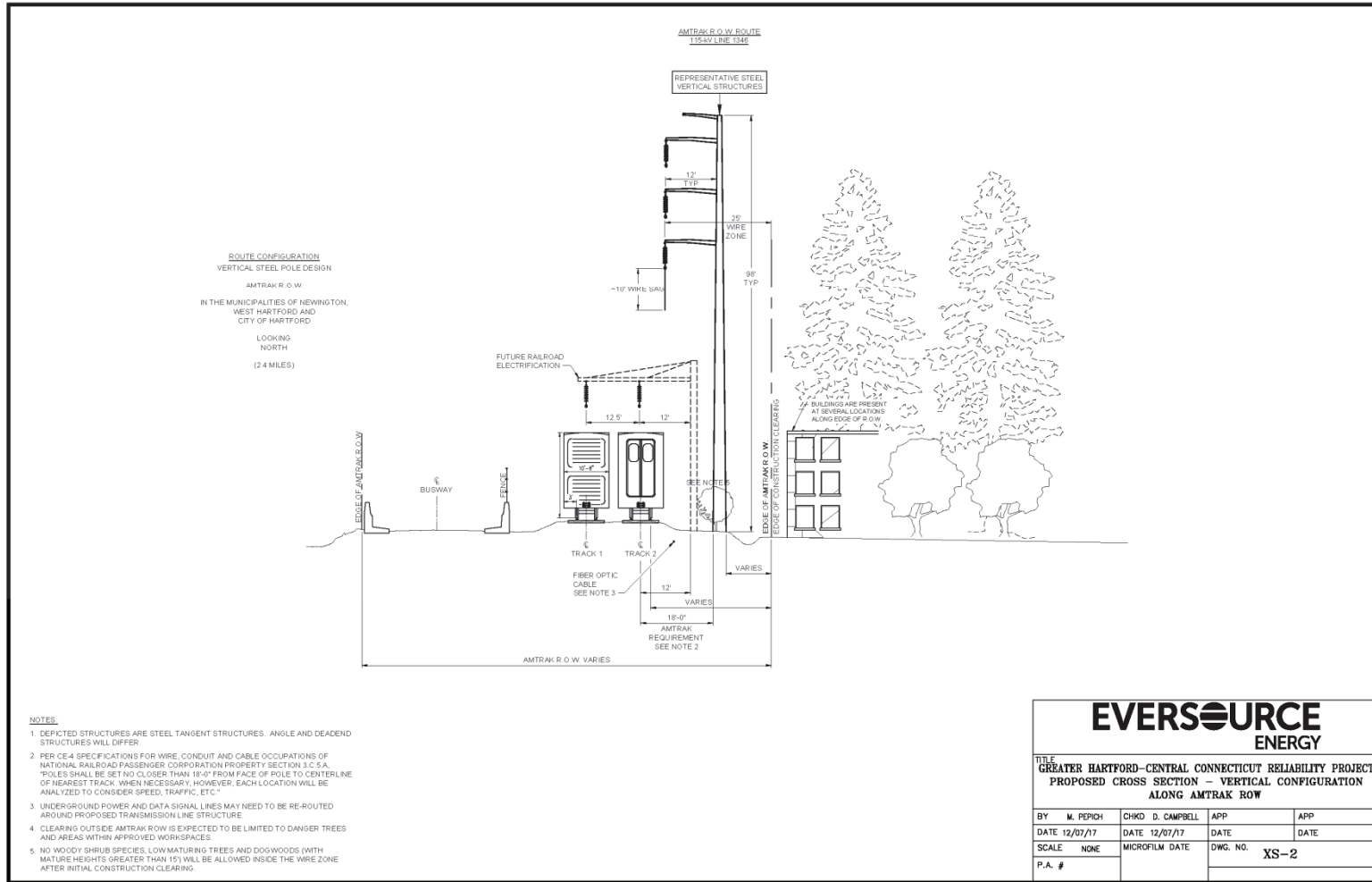
Greater Hartford-Central Connecticut
Reliability Project (GHCCRP)
Overhead Segment of the
115-kV Transmission Line
Newington, West Hartford, and Hartford, CT

Exhibit A.5: Aerial Map
AECOM

Page 3 of 11

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MAP SHEET 4 of 11
Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
115-kV Transmission Line – Overhead Segment
West Hartford, Connecticut



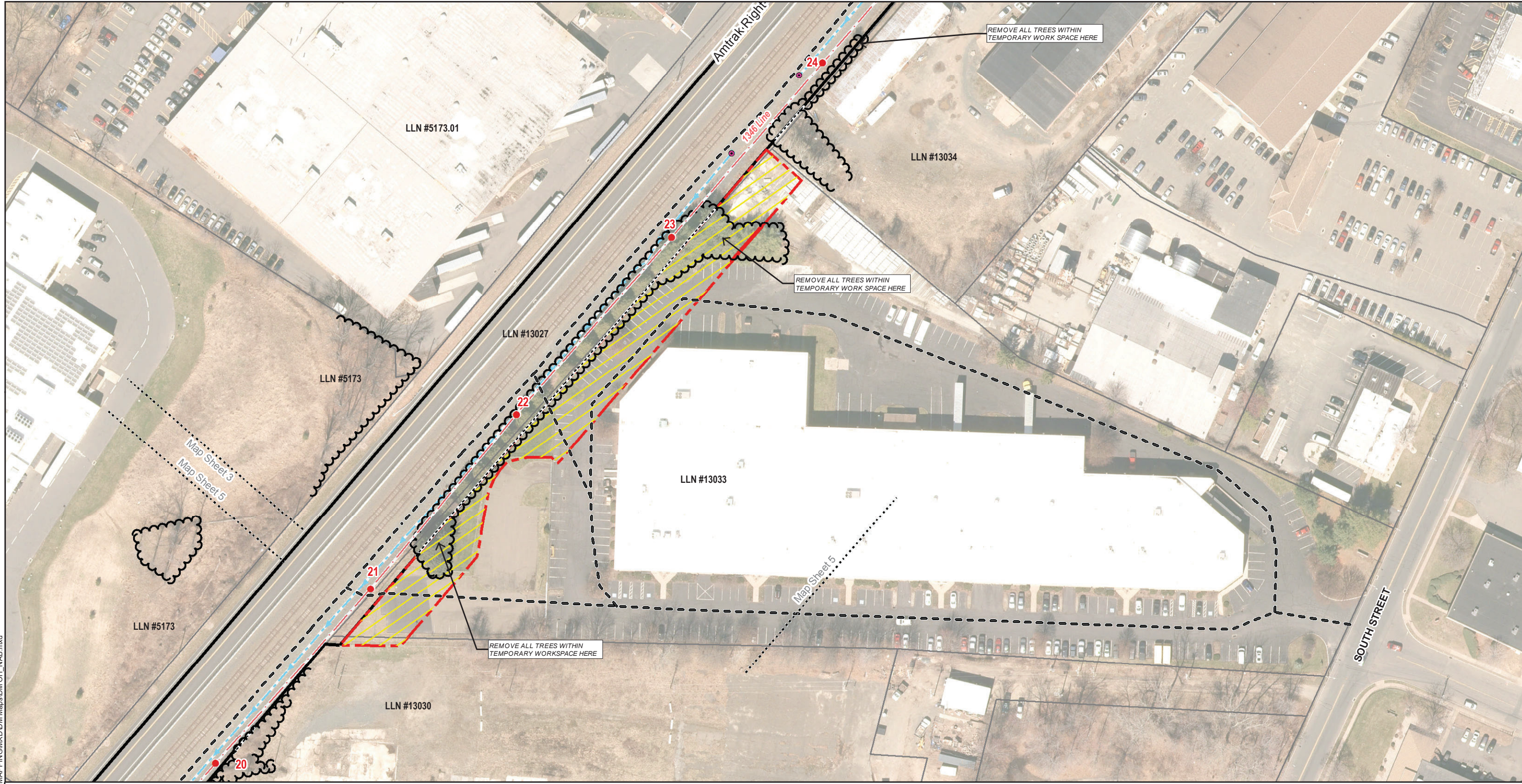
Line List Number	Town	Site Address	Owner Name
5173	WEST HARTFORD	176 NEWINGTON ROAD	WEST HARTFORD GROCERY CENTER DISTRICT
5173.01	WEST HARTFORD	60 WOODLAWN STREET	THE WIREMOLD COMPANY
13027	WEST HARTFORD	1037 NEW BRITAIN AVENUE	NATIONAL RAILROAD PASSENGER CORP (AMTRAK)
13030	WEST HARTFORD	179 SOUTH STREET	HONEYWELL INTERNATIONAL INC C/O ATLAS GROUP US INC
13033	WEST HARTFORD	141 SOUTH STREET	LM SOUTH STREET LLC
13034	WEST HARTFORD	1 CARNEY ROAD	UNITED TOOL & DIE COMPANY

Str #	X-SEC	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
20	XS-2	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
21	XS-2	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
22	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
23	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
24	XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON

SITE SPECIFIC NOTES

A. DEWATERING DISCHARGES SHALL BE PUMPED INTO AN APPROPRIATE SEDIMENT CONTROL BASIN OR DEWATERING BAG, FRAC TANK OR WATER TRUCK, OR AS SPECIFIED IN EVERSOURCE'S BMP MANUAL.

B. EXISTING NON-JURISDICTIONAL STORMWATER DITCH SHALL BE SUITABLY BRIDGED OR CULVERTED BENEATH CONSTRUCTION WORK PADS TO ALLOW FOR UNIMPEDED FLOW.



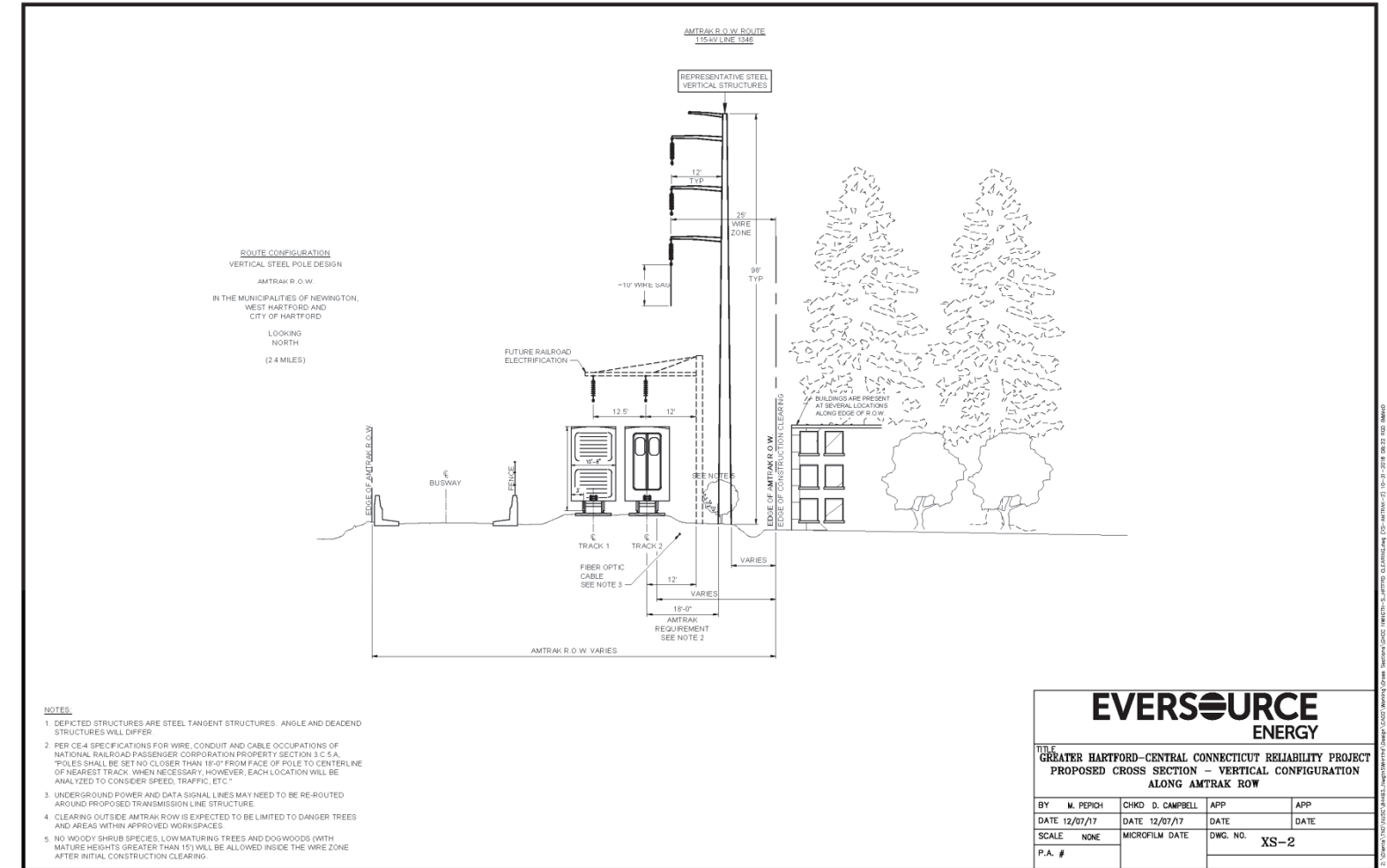
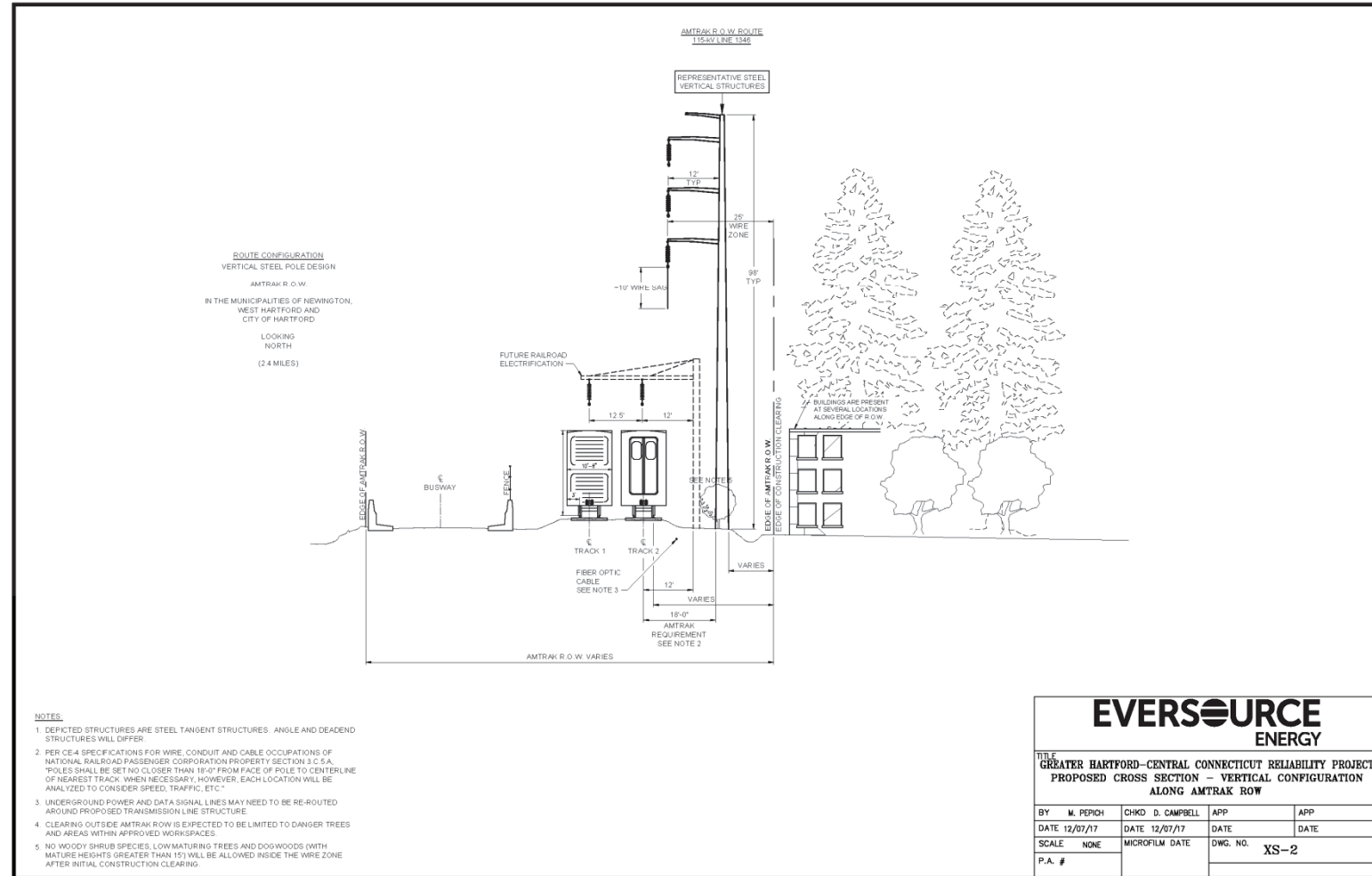
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	<ul style="list-style-type: none"> ● Proposed Structure Str Label ○ Culvert (centerpoint) 1345 - Underground Eversource Line 1346 - Overhead Eversource Line □ Eversource Owned Property — Amtrak Right-of-Way — Municipal Boundary 	<ul style="list-style-type: none"> — Existing Access Route — Proposed Access Route ~ Approximate Tree Line --- Proposed Tree Clearing Line □ Parcel Boundary — Non-Jurisdictional Ditch — Delineated Perennial Watercourse 	<ul style="list-style-type: none"> — Delineated Wetland Boundary Outline ■ Field Delineated Wetland ■ FEMA 100-Year Flood Zone — Floodway — Historic District — Stone Work Pad 	<ul style="list-style-type: none"> □ Equipment / Materials Staging Area and Contractor Yard ■ Temporary Work Space — Eversource Right of Way □ Gate --- MatchLines 	<ul style="list-style-type: none"> LLN # LLNs / Property Owner 55 State Highway 84 Interstate Highway 	<p>Rev.0 2/6/2019 1" = 100' Scale in Feet 0 50 100</p>	<p>EVERSOURCE Greater Hartford-Central Connecticut Reliability Project (GHCCRP) Overhead Segment of the 115-kV Transmission Line Newington, West Hartford, and Hartford, CT</p>
	<p>Exhibit A.5: Aerial Map</p> <p>Page 4 of 11</p>						

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MAP SHEET 5 of 11
Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
115-kV Transmission Line – Overhead Segment
West Hartford, Connecticut

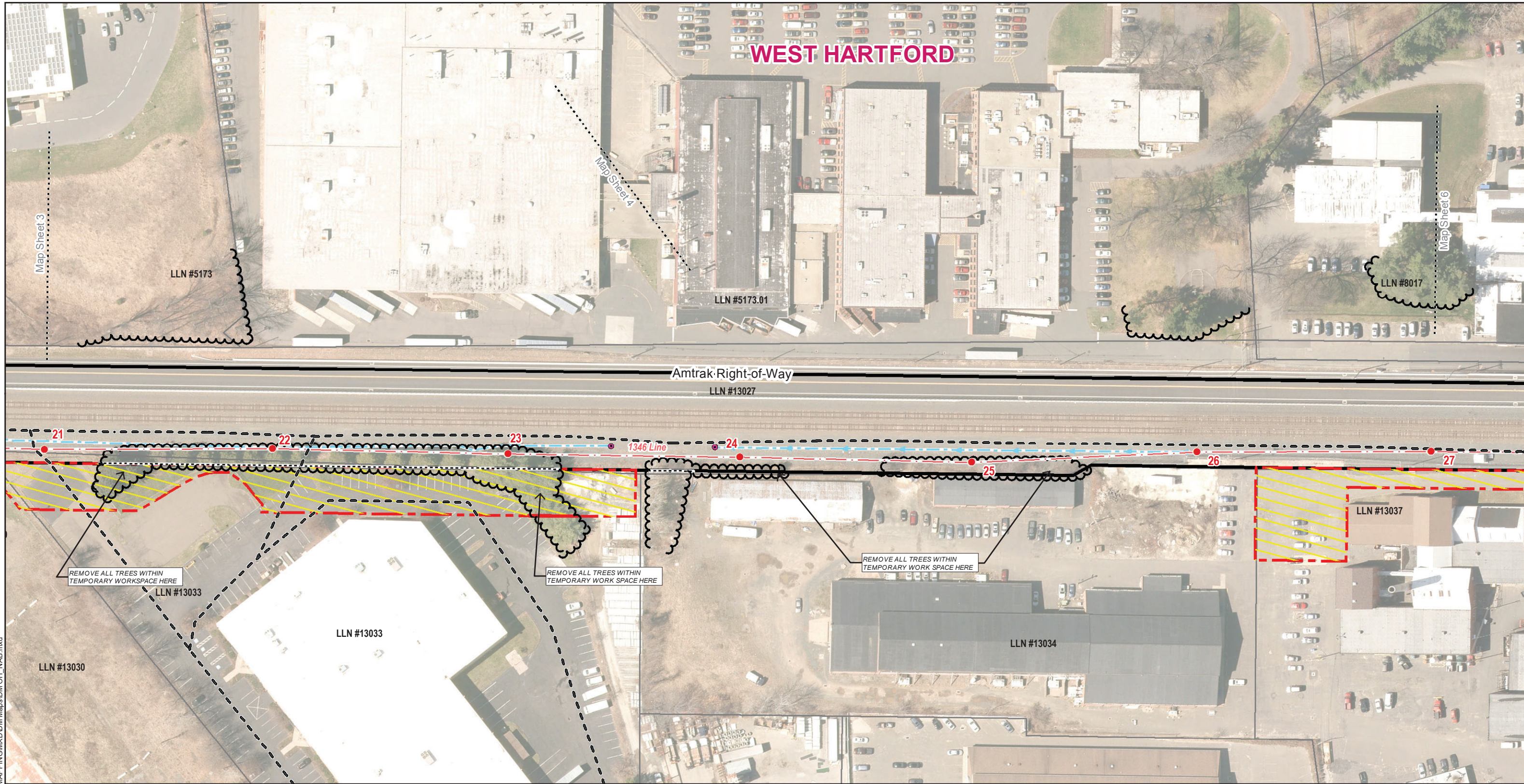


Line List Number	Town	Site Address	Owner Name
5173	WEST HARTFORD	176 NEWINGTON ROAD	WEST HARTFORD GROCERY CENTER DISTRICT
5173.01	WEST HARTFORD	60 WOODLAWN STREET	THE WIREMOLD COMPANY
8017	WEST HARTFORD	19 RAILROAD PLACE	ABBOTT BALL COMPANY
13027	WEST HARTFORD	1037 NEW BRITAIN AVENUE	NATIONAL RAILROAD PASSENGER CORP (AMTRAK)
13030	WEST HARTFORD	179 SOUTH STREET	HONEYWELL INTERNATIONAL INC C/O ATLAS GROUP US INC
13033	WEST HARTFORD	141 SOUTH STREET	LM SOUTH STREET LLC
13034	WEST HARTFORD	1 CARNEY ROAD	UNITED TOOL & DIE COMPANY
13037	WEST HARTFORD	1031 NEW BRITAIN AVENUE	WH-ELM LLC

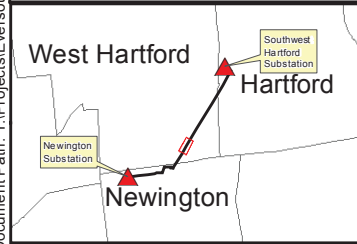
Str #	X-SEC	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
21	CLEARING XS-2	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
22	CLEARING XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
23	CLEARING XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
24	CLEARING XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
25	CLEARING XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
26	CLEARING XS-1	TANGENT	100	GALVANIZED STEEL POLE	VIBRATORY CAISSON
27	CLEARING XS-1	TANGENT	100	GALVANIZED STEEL POLE	VIBRATORY CAISSON

- SITE SPECIFIC NOTES**
- A. DEWATERING DISCHARGES SHALL BE PUMPED INTO AN APPROPRIATE SEDIMENT CONTROL BASIN OR DEWATERING BAG, FRAC TANK OR WATER TRUCK, OR AS SPECIFIED IN EVERSOURCE'S BMP MANUAL.
 - B. EXISTING NON-JURISDICTIONAL STORMWATER DITCH SHALL BE SUITABLY BRIDGED OR CULVERTED BENEATH CONSTRUCTION WORK PADS TO ALLOW FOR UNIMPEDED FLOW.

WEST HARTFORD



- General Notes:**
1. The limits of tree clearing, as shown, define areas where vegetation removal and grubbing, grading, and excavation may occur. Minor deviations may be required in some locations. Additionally, danger or hazard tree removal may be required outside of the tree clearing limits.
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● Proposed Structure Str Label	--- Existing Access Route	--- Delineated Wetland Boundary Outline	☐ Equipment / Materials Staging Area and Contractor Yard	LLN # LLNs / Property Owner
● Culvert (centerpoint)	--- Proposed Access Route	■ Field Delineated Wetland	☐ Temporary Work Space	55 State Highway
1346 - Underground Eversource Line	--- Approximate Tree Line	☐ FEMA 100-Year Flood Zone	--- Eversource Right of Way	84 Interstate Highway
1346 - Overhead Eversource Line	--- Proposed Tree Clearing Line	☐ Floodway	☐ Gate	
☐ Eversource Owned Property	--- Parcel Boundary	☐ Historic District	--- MatchLines	
--- Amtrak Right-of-Way	--- Non-Jurisdictional Ditch	☐ Stone Work Pad		
--- Municipal Boundary	--- Delineated Perennial Watercourse			

Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
Overhead Segment of the 115-kV Transmission Line
Newington, West Hartford, and Hartford, CT

Rev.0 2/6/2019

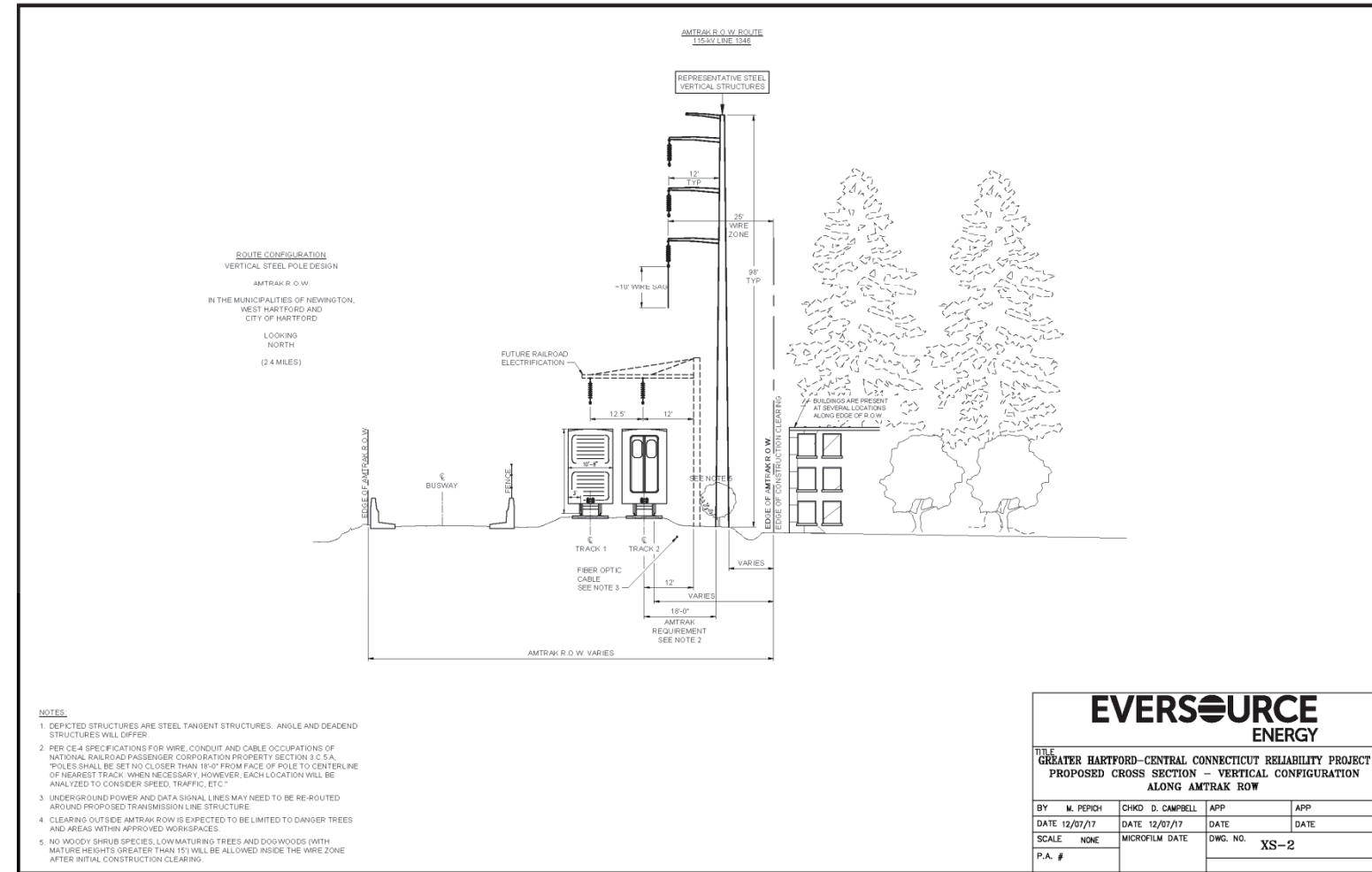
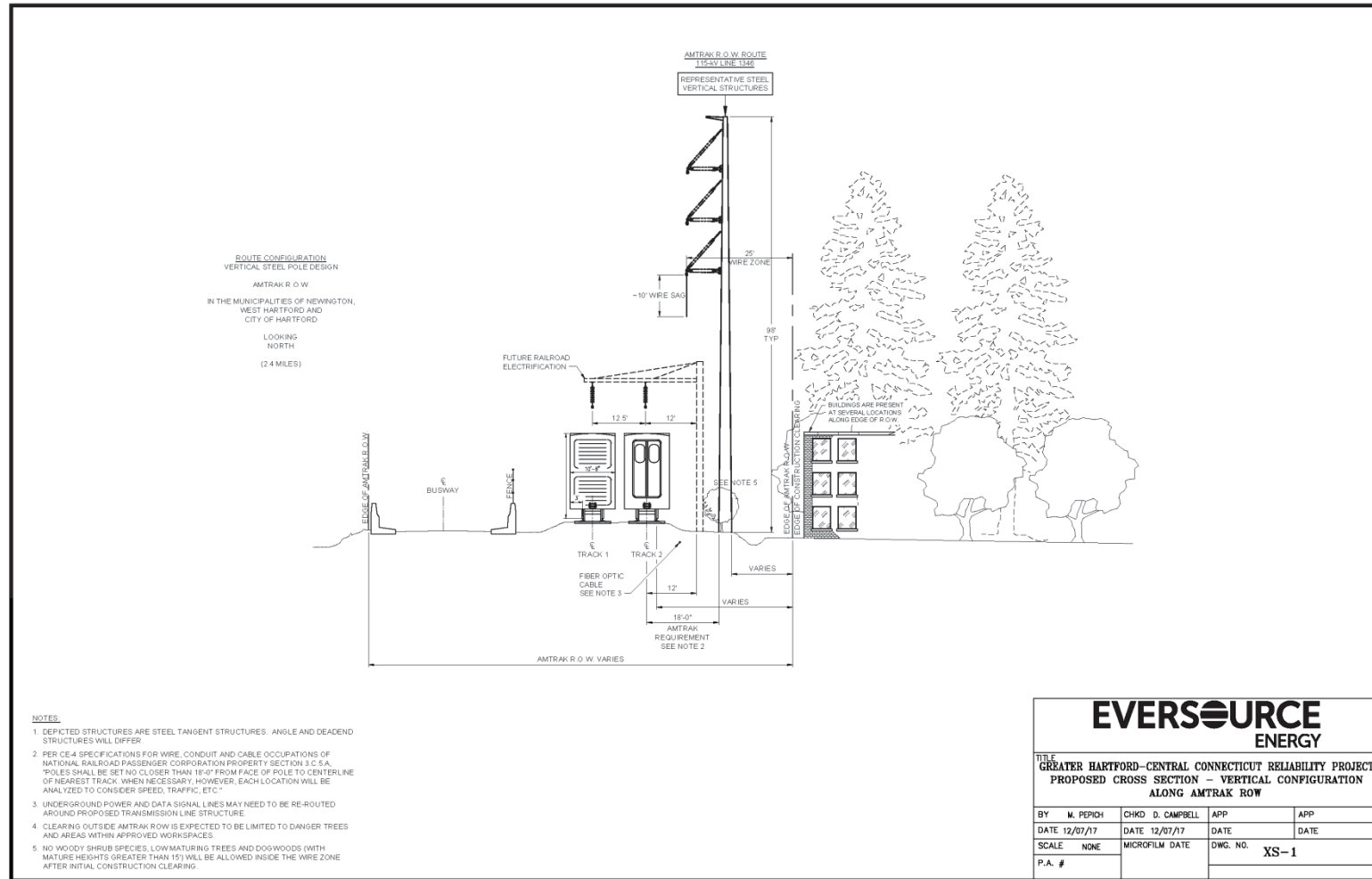
1" = 100'
Scale in Feet

Exhibit A.5: Aerial Map

Page 5 of 11

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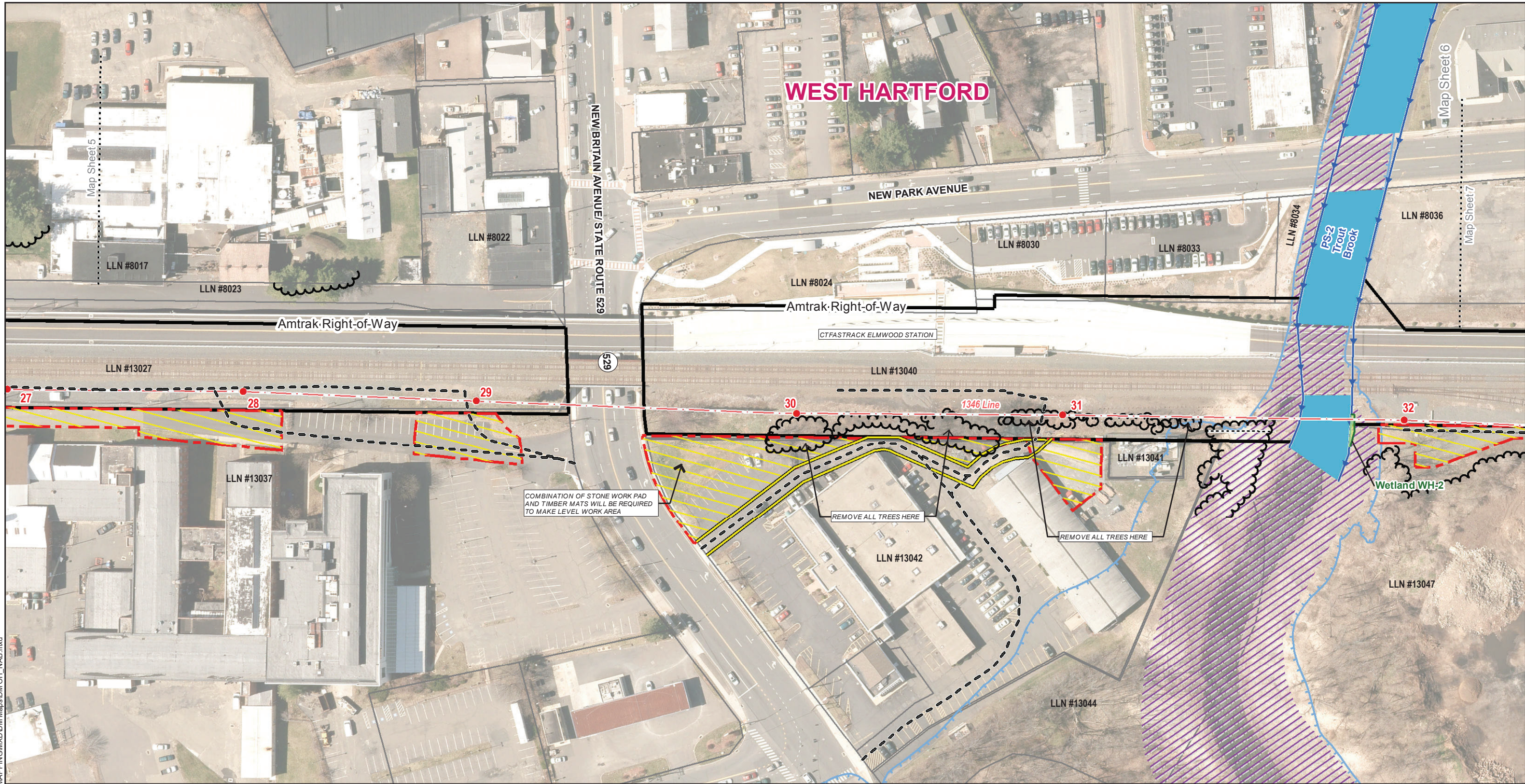
MAP SHEET 6 of 11
Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
115-kV Transmission Line – Overhead Segment
West Hartford, Connecticut



Line List Number	Town	Site Address	Owner Name
8017	WEST HARTFORD	19 RAILROAD PLACE	ABBOTT BALL COMPANY
8022	WEST HARTFORD	1041 NEW BRITAIN AVENUE	KELFIN LLC
8023	WEST HARTFORD	10 RAILROAD PLACE	NATIONAL RAILROAD PASSENGER AMTRAK
8024	WEST HARTFORD	646 NEW PARK AVENUE	STATE OF CONNECTICUT DOT-RIGHTS OF WAY-UNIT 403
8030	WEST HARTFORD	642 NEW PARK AVENUE	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION OFFICE OF RIGHTS OF WAY-UNIT 403
8033	WEST HARTFORD	634 NEW PARK AVENUE	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION OFFICE OF RIGHTS OF WAY-UNIT 403
8034	WEST HARTFORD	620 NEW PARK AVENUE	TROUT BROOK REALTY ADVISORS INC
8036	WEST HARTFORD	620 NEW PARK AVENUE	TROUT BROOK REALTY ADVISORS INC
13027	WEST HARTFORD	1037 NEW BRITAIN AVENUE	NATIONAL RAILROAD PASSENGER CORP (AMTRAK)
13037	WEST HARTFORD	1031 NEW BRITAIN AVENUE	WH-ELM LLC
13040	WEST HARTFORD	1040 NEW BRITAIN AVENUE	NATIONAL RAILROAD PASSENGER CORPORATION AMTRAK
13041	WEST HARTFORD	1030R NEW BRITAIN AVENUE	TEN THIRTY TOWER COMPANY LLC
13042	WEST HARTFORD	1030 NEW BRITAIN AVENUE	TEN THIRTY BUILDING COMPANY LLC C/O HIRSCHFELD MGMT INC #106
13044	WEST HARTFORD	1012 NEW BRITAIN AVENUE	STATE OF CONNECTICUT FLOOD CONTROL
13047	WEST HARTFORD	17 BRIXTON STREET	TOWN OF WEST HARTFORD

Str #	X-SEC	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
27	CLEARING XS-1	TANGENT	100	GALVANIZED STEEL POLE	VIBRATORY CAISSON
28	CLEARING XS-1	TANGENT	100	GALVANIZED STEEL POLE	VIBRATORY CAISSON
29	CLEARING XS-1	TANGENT	105	GALVANIZED STEEL POLE	VIBRATORY CAISSON
30	CLEARING XS-1	TANGENT	105	GALVANIZED STEEL POLE	VIBRATORY CAISSON
31	CLEARING XS-1	TANGENT	110	GALVANIZED STEEL POLE	VIBRATORY CAISSON
32	CLEARING XS-2	TANGENT	105	GALVANIZED STEEL POLE	VIBRATORY CAISSON

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 - B. EXISTING NON-JURISDICTIONAL STORMWATER DITCH SHALL BE SUITABLY BRIDGED OR CULVERTED BENEATH CONSTRUCTION WORK PADS TO ALLOW FOR UNIMPEDED FLOW.
 - C. TREE REMOVAL IN TROUT BROOK 100-YEAR FLOODPLAIN LIMIT TO BE COMPLETED FROM ADJACENT UPLANDS (I.E., NO WORK WITHIN THE TROUT BROOK ORDINARY HIGH WATER MARK IS AUTHORIZED) AND TREE STUMPS TO BE LEFT IN PLACE TO AVOID DESTABILIZATION OF SOILS AND STREAM BANK.

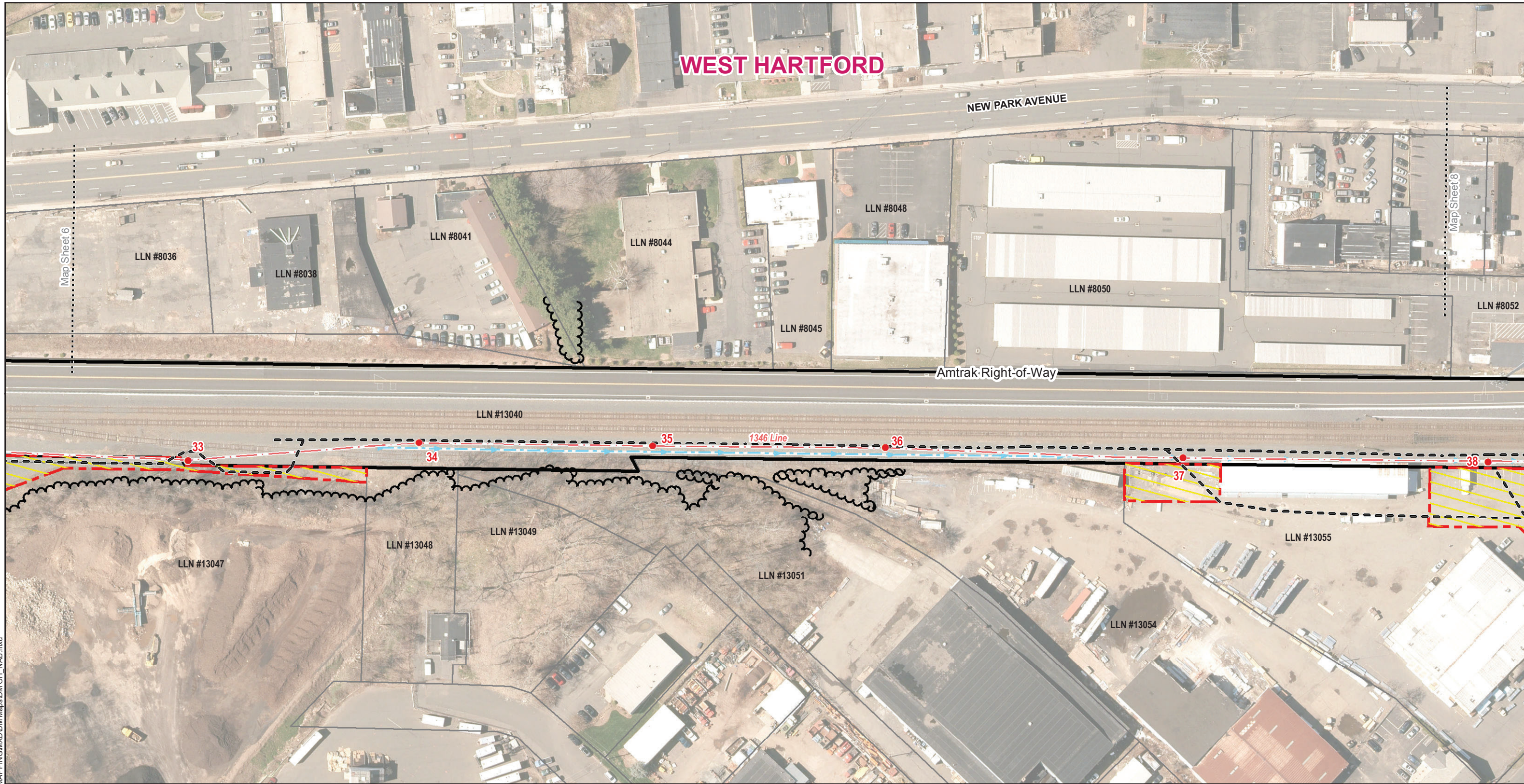


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WEST HARTFORD

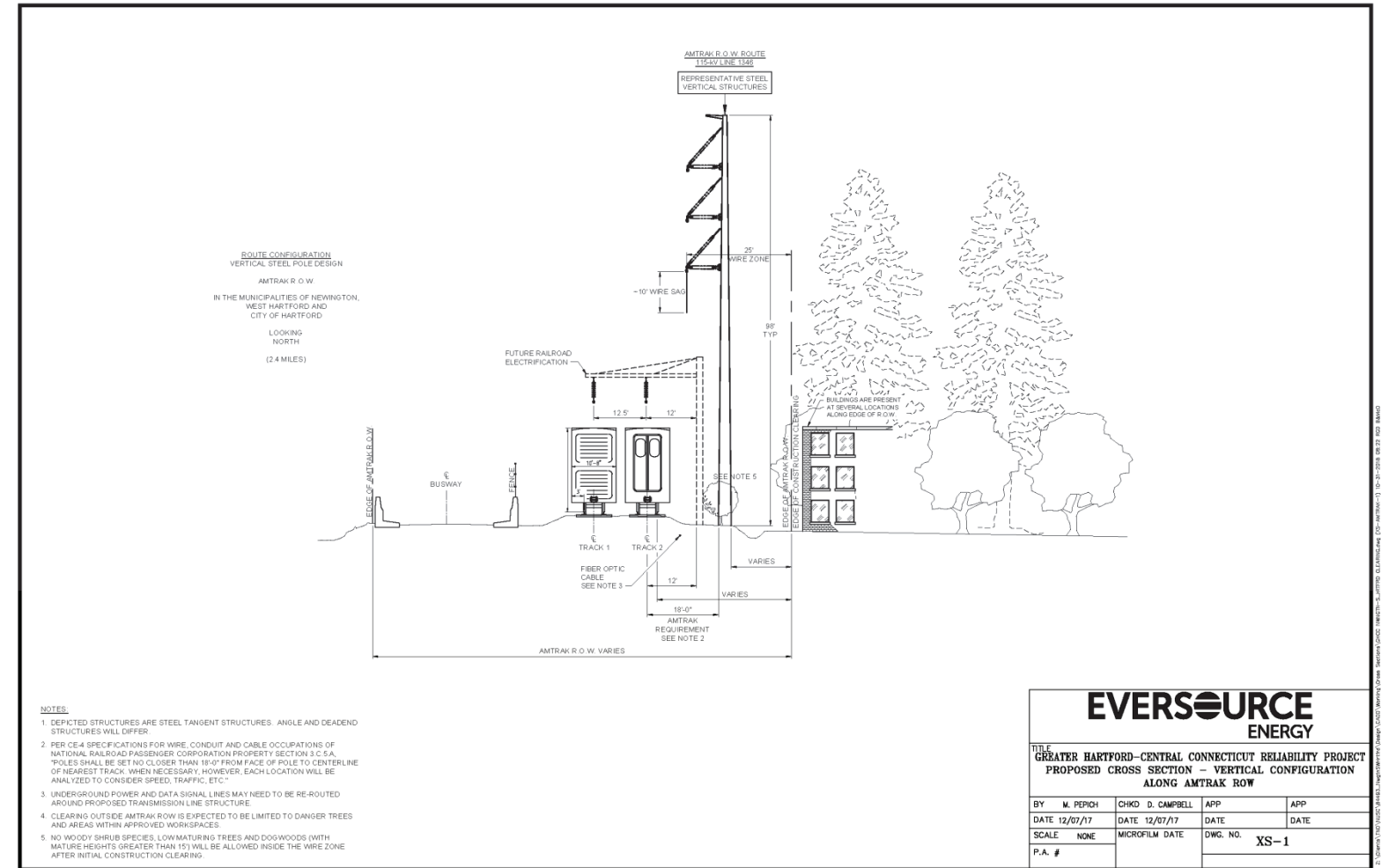
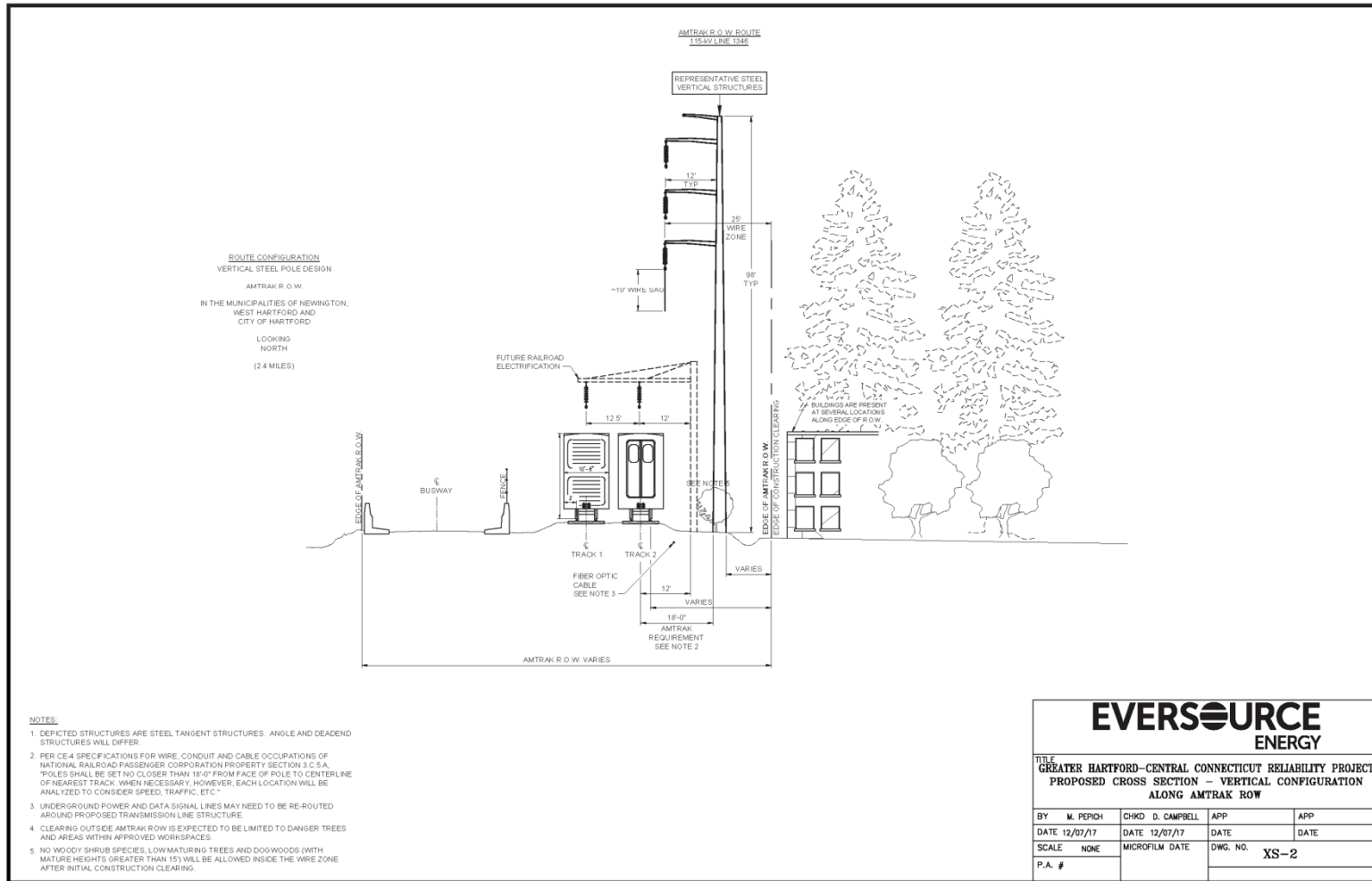


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	<p>West Hartford</p> <p>Hartford</p> <p>Newington</p>	<p>Exhibit A.5: Aerial Map</p> <p>Page 7 of 11</p>	<p>AECOM</p>				

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MAP SHEET 8 of 11
Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
115-kV Transmission Line – Overhead Segment
West Hartford, Connecticut



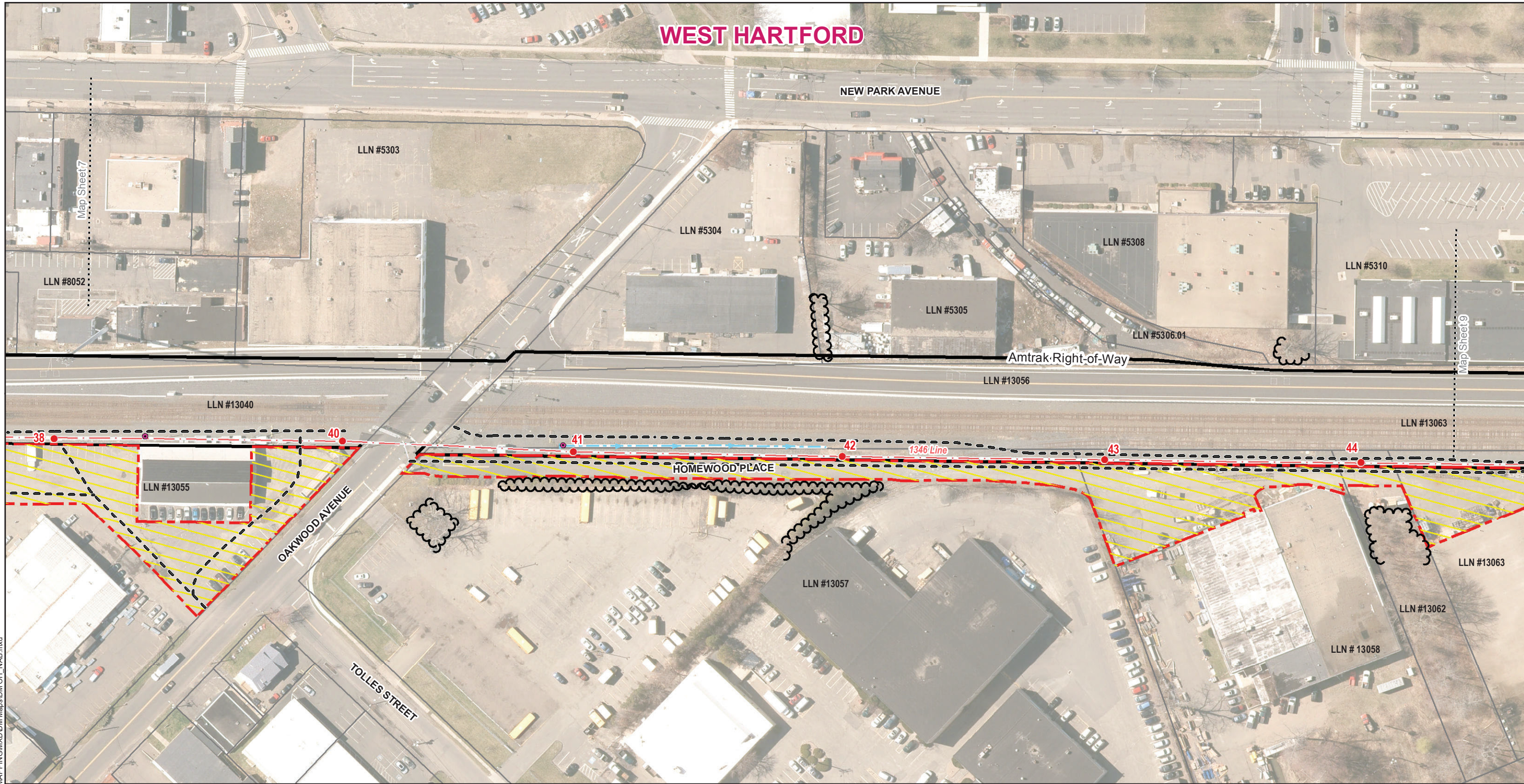
Line List Number	Town	Site Address	Owner Name
5303	WEST HARTFORD	540 NEW PARK AVENUE	THE GRODY COMPANY C/O ISHAM REALTY COMPANY
5304	WEST HARTFORD	600 OAKWOOD AVENUE	JOSEPH R & AMY E DIFAZIO
5305	WEST HARTFORD	528 NEW PARK AVENUE	GERALD BREEN
5306.01	WEST HARTFORD	522 NEW PARK AVENUE	PAULGIANNA LLC
5308	WEST HARTFORD	510 NEW PARK AVENUE	HAWTHORNE MBM LLC
5310	WEST HARTFORD	486 NEW PARK AVENUE	WEST HARTFORD PROPERTY LLC
8052	WEST HARTFORD	570 NEW PARK AVENUE	570 NEW PARK LLC C/O MICHAEL REINER
13040	WEST HARTFORD	1040 NEW BRITAIN AVENUE	NATIONAL RAILROAD PASSENGER CORPORATION AMTRAK
13055	WEST HARTFORD	639 OAKWOOD AVENUE	639 OAKWOOD AVENUE CORPORATION
13056	WEST HARTFORD	610 OAKWOOD AVENUE	N Y N H + H R R CO NEW HAVEN
13057	WEST HARTFORD	630 OAKWOOD AVENUE	SIX HUNDRED THIRTY OAKWOOD AVENUE CORP C/O MARJAM SUPPLY CO INC
13058	WEST HARTFORD	620 OAKWOOD AVENUE	DIVERSIFIED HOLDINGS LLC
13062	WEST HARTFORD	600 OAKWOOD AVENUE	PENTECOSTAL TABERNACLE (APOSTOLIC) INC
13063	WEST HARTFORD	251 NEWFIELD AVENUE	PENTECOSTAL TABERNACLE (APOSTOLIC) INC

Str # *	X-SEC	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
40	CLEARING XS-2	TANGENT	105	GALVANIZED STEEL POLE	VIBRATORY CAISSON
41	CLEARING XS-1	TANGENT	100	GALVANIZED STEEL POLE	VIBRATORY CAISSON
42	CLEARING XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
43	CLEARING XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
44	CLEARING XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON

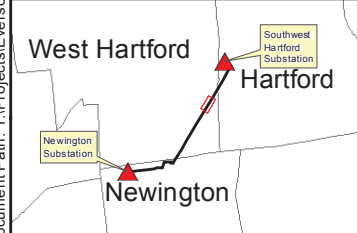
* ALONG THE OVERHEAD LINE SEGMENT, STRUCTURES ARE NUMBERED 11B THROUGH 61; THERE ARE NO STRUCTURE NOS. 39 OR 45.

- SITE SPECIFIC NOTES**
- A. DEWATERING DISCHARGES SHALL BE PUMPED INTO AN APPROPRIATE SEDIMENT CONTROL BASIN OR DEWATERING BAG, FRAC TANK OR WATER TRUCK, OR AS SPECIFIED IN EVERSOURCE'S BMP MANUAL.
 - B. EXISTING NON-JURISDICTIONAL STORMWATER DITCH SHALL BE SUITABLY BRIDGED OR CULVERTED BENEATH CONSTRUCTION WORK PADS TO ALLOW FOR UNIMPEDED FLOW.

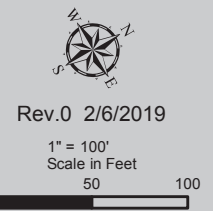
WEST HARTFORD



- General Notes:**
1. The limits of tree clearing, as shown, define areas where vegetation removal and grubbing, grading, and excavation may occur. Minor deviations may be required in some locations. Additionally, danger or hazard tree removal may be required outside of the tree clearing limits.
 2. All work will be conducted in accordance with the relevant portions of Eversource's "Best Management Practices Manual for Massachusetts and Connecticut (September 2016)" (BMP Manual), unless more stringent project-specific measures apply. All work will be conducted in accordance with the requirements of siting approvals from the Council and regulatory approvals from the Connecticut Department of Energy and Environmental Protection, and all project protocols. Refer to Appendix B, Detail Sheets 1-2.
 3. Erosion and Sedimentation Control Measures will be installed during construction, as required, to comply with the provisions, as applicable, of the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, Eversource's BMP Manual, and regulatory approvals.
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 5. Paved surfaces shall be protected during construction as necessary and any damage to surfaces shall be repaired at the expense of the contractor. Safety signage to indicate construction work zones shall be installed along public roads as necessary and as required through coordination with state and local entities.
 6. Spoils resulting from construction activities will be stockpiled in designated areas and will be disposed of in accordance with regulatory requirements.



<ul style="list-style-type: none"> ● Proposed Structure Str Label ○ Culvert (centerpoint) — 1346 - Underground Eversource Line — 1346 - Overhead Eversource Line ▭ Eversource Owned Property — Amtrak Right-of-Way — Municipal Boundary 	<ul style="list-style-type: none"> — Existing Access Route — Proposed Access Route — Approximate Tree Line — Proposed Tree Clearing Line ▭ Parcel Boundary — Non-Jurisdictional Ditch — Delineated Perennial Watercourse 	<ul style="list-style-type: none"> — Delineated Wetland Boundary Outline ▭ Field Delineated Wetland ▭ FEMA 100-Year Flood Zone ▭ Floodway ▭ Historic District ▭ Stone Work Pad 	<ul style="list-style-type: none"> ▭ Equipment / Materials Staging Area and Contractor Yard ▭ Temporary Work Space ▭ Eversource Right of Way ▭ Gate — MatchLines 	<p>LLN # LLNs / Property Owner</p> <ul style="list-style-type: none"> 55 State Highway 84 Interstate Highway
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EVERSOURCE

Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
Overhead Segment of the 115-kV Transmission Line
Newington, West Hartford, and Hartford, CT

Exhibit A.5: Aerial Map

Page 8 of 11

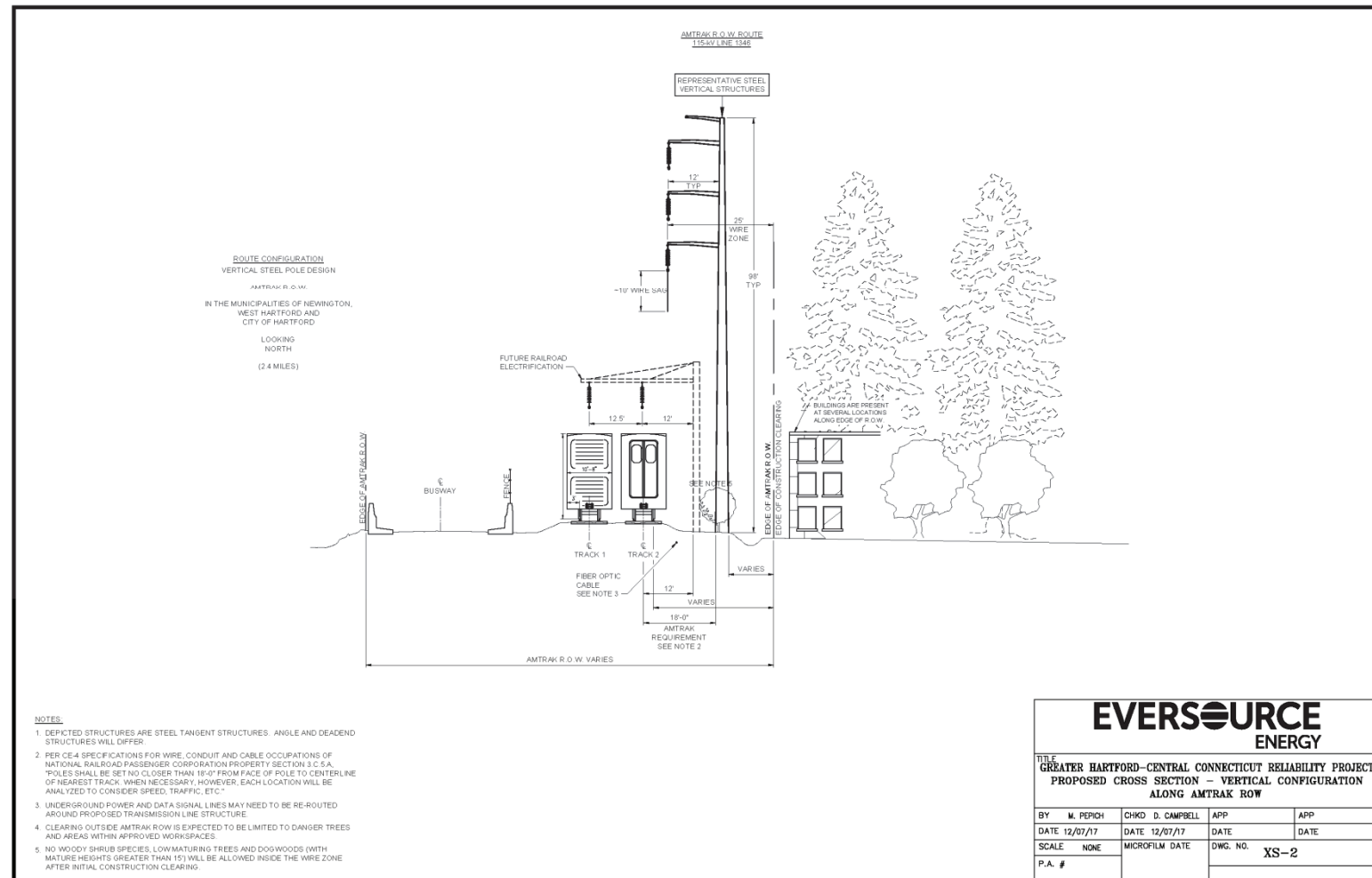
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MAP SHEET 9 of 11

Greater Hartford-Central Connecticut Reliability Project (GHCCRP)

115-kV Transmission Line – Overhead Segment

West Hartford & Hartford, Connecticut



EVSOURCE
ENERGY

TITLE
GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT
PROPOSED CROSS SECTION – VERTICAL CONFIGURATION
ALONG AMTRAK ROW

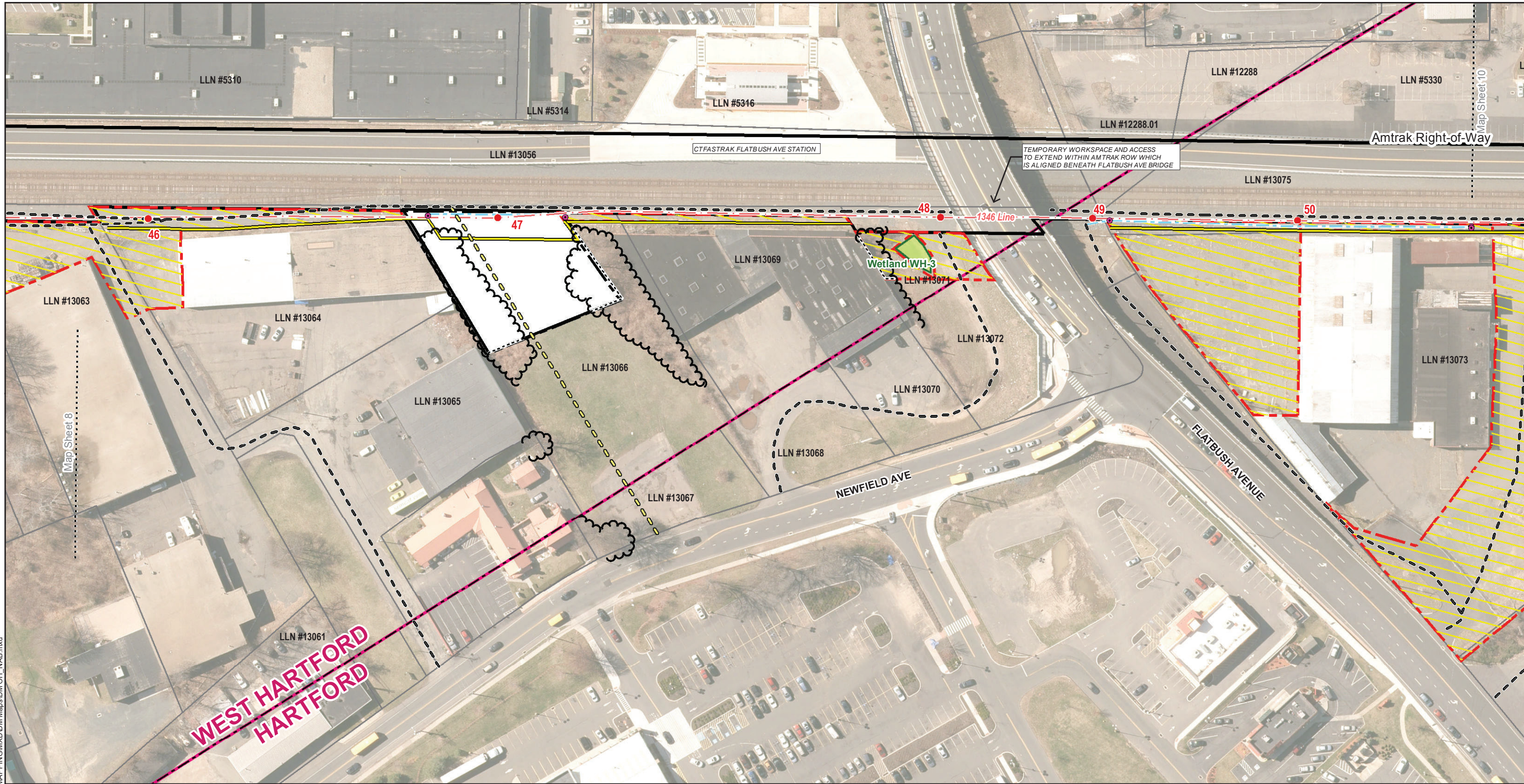
BY	M. PEPIH	CHKD	D. CAMPBELL	APP		APP	
DATE	12/07/17	DATE	12/07/17	DATE		DATE	
SCALE	NONE	MICROFILM	DATE	DWG. NO.	XS-2		
P.A. #							

Line List Number	Town	Site Address	Owner Name
5310	WEST HARTFORD	486 NEW PARK AVENUE	WEST HARTFORD PROPERTY LLC
5314	WEST HARTFORD	472 NEW PARK AVENUE	ST CT DOT/RIGHTS OF WAY-0403
5316	WEST HARTFORD	470 NEW PARK AVENUE	ST CT DOT/RIGHTS OF WAY-0403
5330	HARTFORD	420 NEW PARK AVENUE	430 NEW PARK AVENUE LLC
12288	WEST HARTFORD	590 FLATBUSH AVENUE	NATIONAL RAILROAD PASSENGER CORPORATION (AMTRAK)
12288.01	WEST HARTFORD	598 FLATBUSH AVENUE	430 NEW PARK AVENUE LLC C/O REESE COMM REAL ESTATE SERVICES
13056	WEST HARTFORD	610 OAKWOOD AVENUE	N Y N H + H R R CO NEW HAVEN
13063	WEST HARTFORD	251 NEWFIELD AVENUE	PENTECOSTAL TABERNACLE (APOSTOLIC) INC
13064	WEST HARTFORD	235 NEWFIELD AVENUE	REARDON REALTY CT LLC
13065	WEST HARTFORD	251 NEWFIELD AVENUE	BRIDGEWATER GROUP LLC
13066	WEST HARTFORD	265 NEWFIELD AVENUE	PENTECOSTAL TABERNACLE (APOSTOLIC) INC
13067	HARTFORD	261 NEWFIELD AVENUE	PENTECOSTAL TABERNACLE (APOSTOLIC) INC
13068	HARTFORD	281 NEWFIELD AVENUE	SK REALTY
13069	WEST HARTFORD	285 NEWFIELD AVENUE	SK REALTY
13070	HARTFORD	285 NEWFIELD AVENUE	SK REALTY
13071	WEST HARTFORD	583 FLATBUSH AVENUE	STATE OF CONNECTICUT
13072	HARTFORD	569 FLATBUSH AVENUE	STATE OF CONNECTICUT DEPT OF TRANS
13073	HARTFORD	540 FLATBUSH AVENUE	HARSCO CORP
13075	HARTFORD	AMTRAK ROW	NATIONAL RAILROAD PASSENGER CORP (AMTRAK)

Str #	X-SEC	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
46	CLEARING XS-2	DEADEND	100	GALVANIZED STEEL POLE	DRILLED SHAFT
47	CLEARING XS-2	TANGENT	135	GALVANIZED STEEL POLE	DRILLED SHAFT
48	CLEARING XS-2	TANGENT	135	GALVANIZED STEEL POLE	DRILLED SHAFT
49	CLEARING XS-2	TANGENT	135	GALVANIZED STEEL POLE	DRILLED SHAFT
50	CLEARING XS-2	DEADEND	100	GALVANIZED STEEL POLE	DRILLED SHAFT

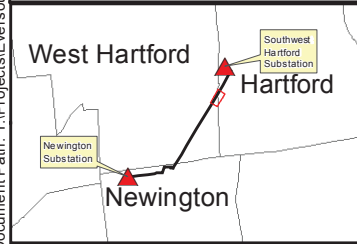
* ALONG THE OVERHEAD LINE SEGMENT, STRUCTURES ARE NUMBERED 11B THROUGH 61; THERE ARE NO STRUCTURE NOS. 39 OR 45.

- SITE SPECIFIC NOTES**
- A. WETLAND WH-3 TO BE AVOIDED AND PROTECTED THROUGH INSTALLATION OF PERIMETER E&S CONTROLS.
 - B. NO OVERNIGHT PARKING, STORAGE OF MOBILE EQUIPMENT, REFUELING OR STORAGE OF FUELS OR HAZARDOUS MATERIALS ALLOWED WITHIN 25 FEET OF WETLAND WH-3, EXCEPT UNDER THE FOLLOWING CIRCUMSTANCES: ONLY EQUIPMENT THAT IS NOT READILY MOBILE OR MUST REMAIN ON-SITE FOR PROLONGED PERIODS TO SAFELY COMPLETE A CONSTRUCTION TASK MAY BE REFUELED IN OR NEAR WETLANDS, PROVIDING PROPER TEMPORARY SPILL PREVENTION, CONTROL, AND CONTAINMENT PROCEDURES ARE FOLLOWED.
 - C. DEWATERING DISCHARGES SHALL BE PUMPED INTO AN APPROPRIATE SEDIMENT CONTROL BASIN OR DEWATERING BAG, FRAC TANK OR WATER TRUCK, OR AS SPECIFIED IN EVERSOURCE'S BMP MANUAL.
 - D. EXISTING NON-JURISDICTIONAL STORMWATER DITCH SHALL BE SUITABLY BRIDGED OR CULVERTED BENEATH CONSTRUCTION WORK PADS TO ALLOW FOR UNIMPEDED FLOW



General Notes:

1. The limits of tree clearing, as shown, define areas where vegetation removal and grubbing, grading, and excavation may occur. Minor deviations may be required in some locations. Additionally, danger or hazard tree removal may be required outside of the tree clearing limits.
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4. Existing culverts will be protected, as deemed necessary, to prevent damage during construction. Inlet protection shall be installed for any stormwater catch basin within the work zone.
5. Paved surfaces shall be protected during construction as necessary and any damage to surfaces shall be repaired at the expense of the contractor. Safety signage to indicate construction work zones shall be installed along public roads as necessary and as required through coordination with state and local entities.
6. Spoils resulting from construction activities will be stockpiled in designated areas and will be disposed of in accordance with regulatory requirements.



● Proposed Structure Str Label	--- Existing Access Route	--- Delineated Wetland Boundary Outline	□ Equipment / Materials Staging Area and Contractor Yard
○ Culvert (centerpoint)	○ Proposed Access Route	■ Field Delineated Wetland	□ Temporary Work Space
--- 1345 - Underground Eversource Line	~ Approximate Tree Line	□ FEMA 100-Year Flood Zone	--- Eversource Right of Way
--- 1346 - Overhead Eversource Line	--- Proposed Tree Clearing Line	□ Floodway	□ Gate
□ Eversource Owned Property	□ Parcel Boundary	□ Historic District	--- MatchLines
--- Amtrak Right-of-Way	--- Non-Jurisdictional Ditch	□ Stone Work Pad	
--- Municipal Boundary	--- Delineated Perennial Watercourse		

LLN # LLNs / Property Owner

55 State Highway

84 Interstate Highway

Rev.0 2/6/2019

1" = 100'
Scale in Feet

0 50 100

EVERSOURCE

Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
Overhead Segment of the 115-kV Transmission Line
Newington, West Hartford, and Hartford, CT

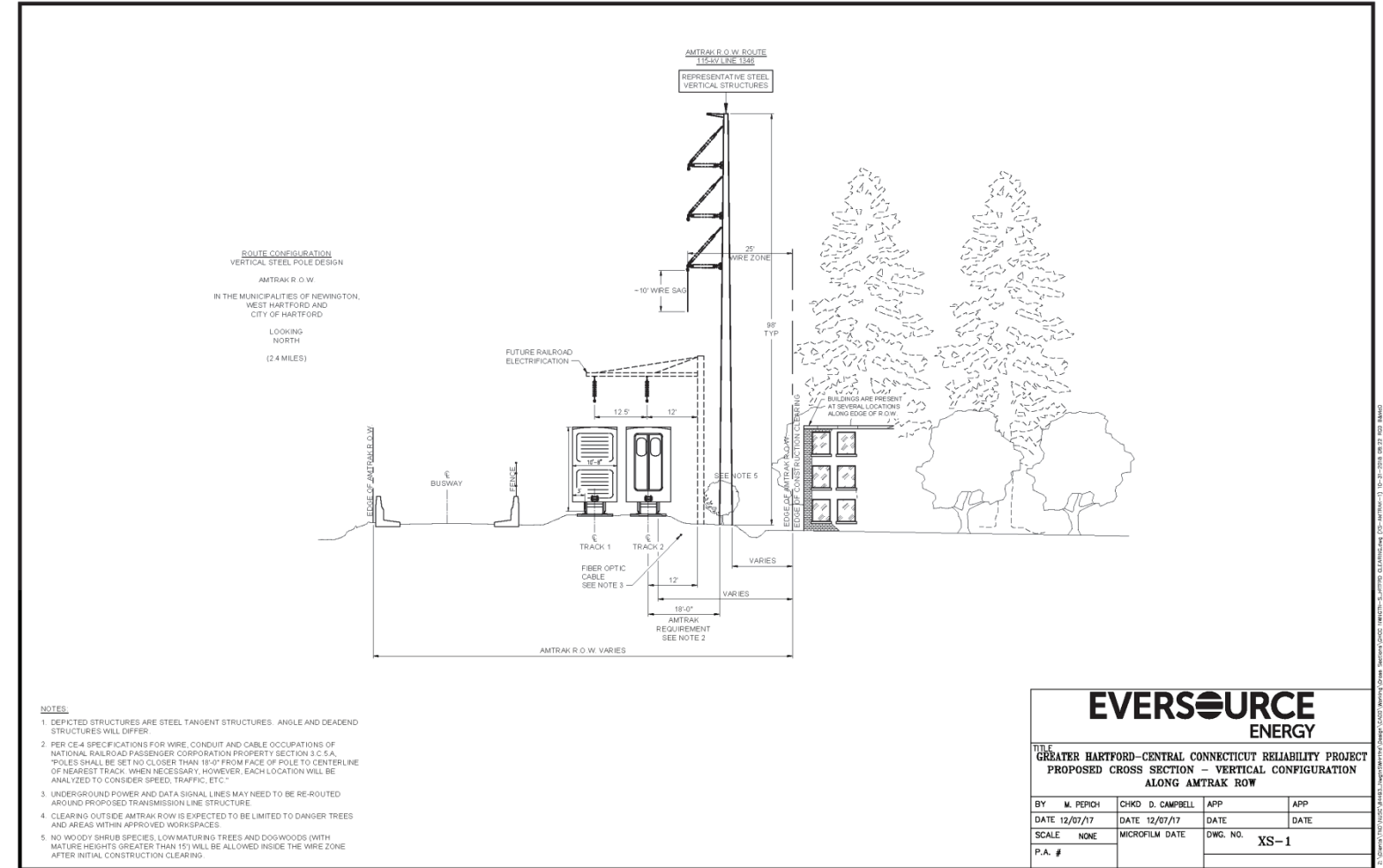
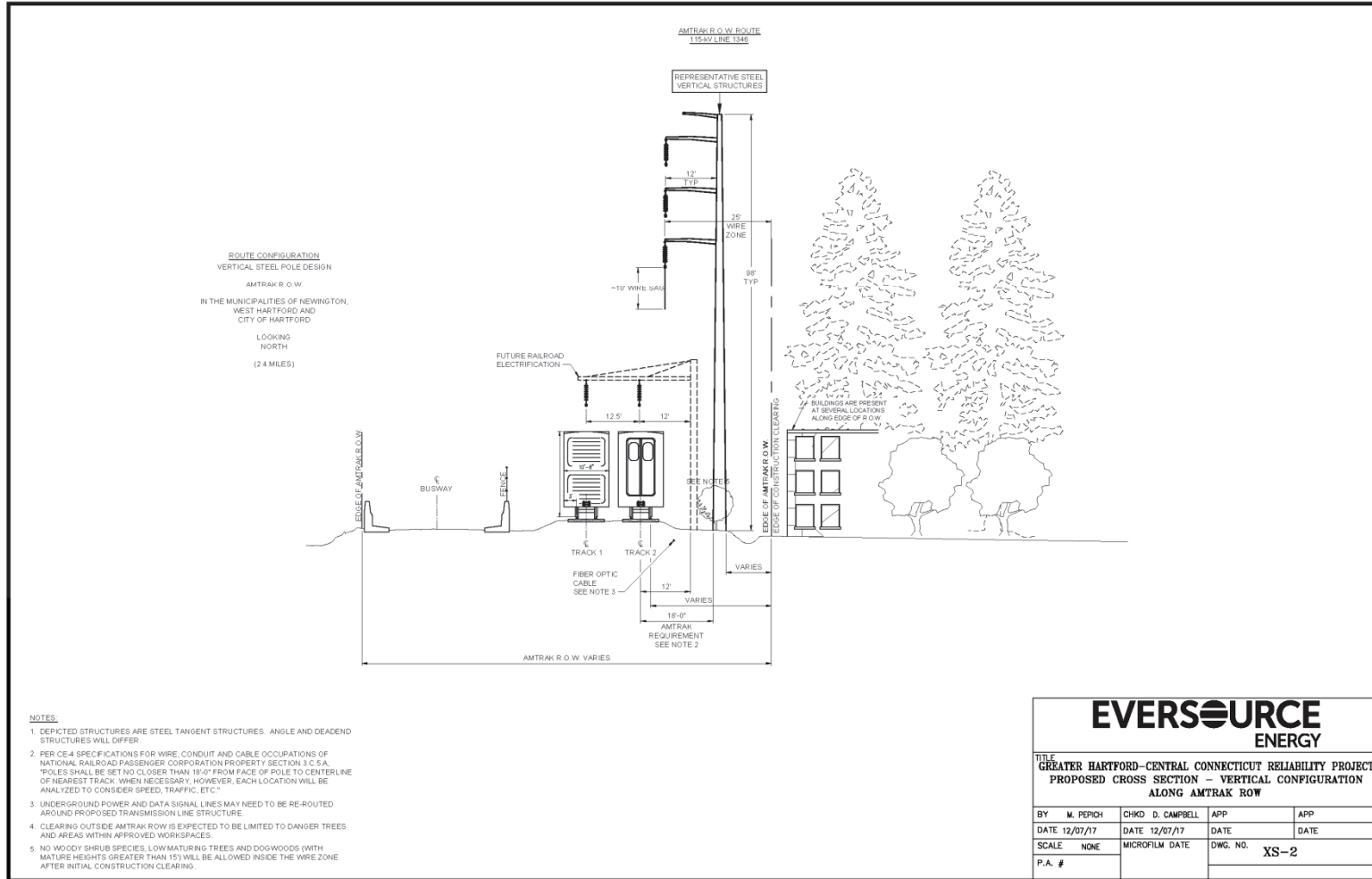
Exhibit A.5: Aerial Map

Page 9 of 11

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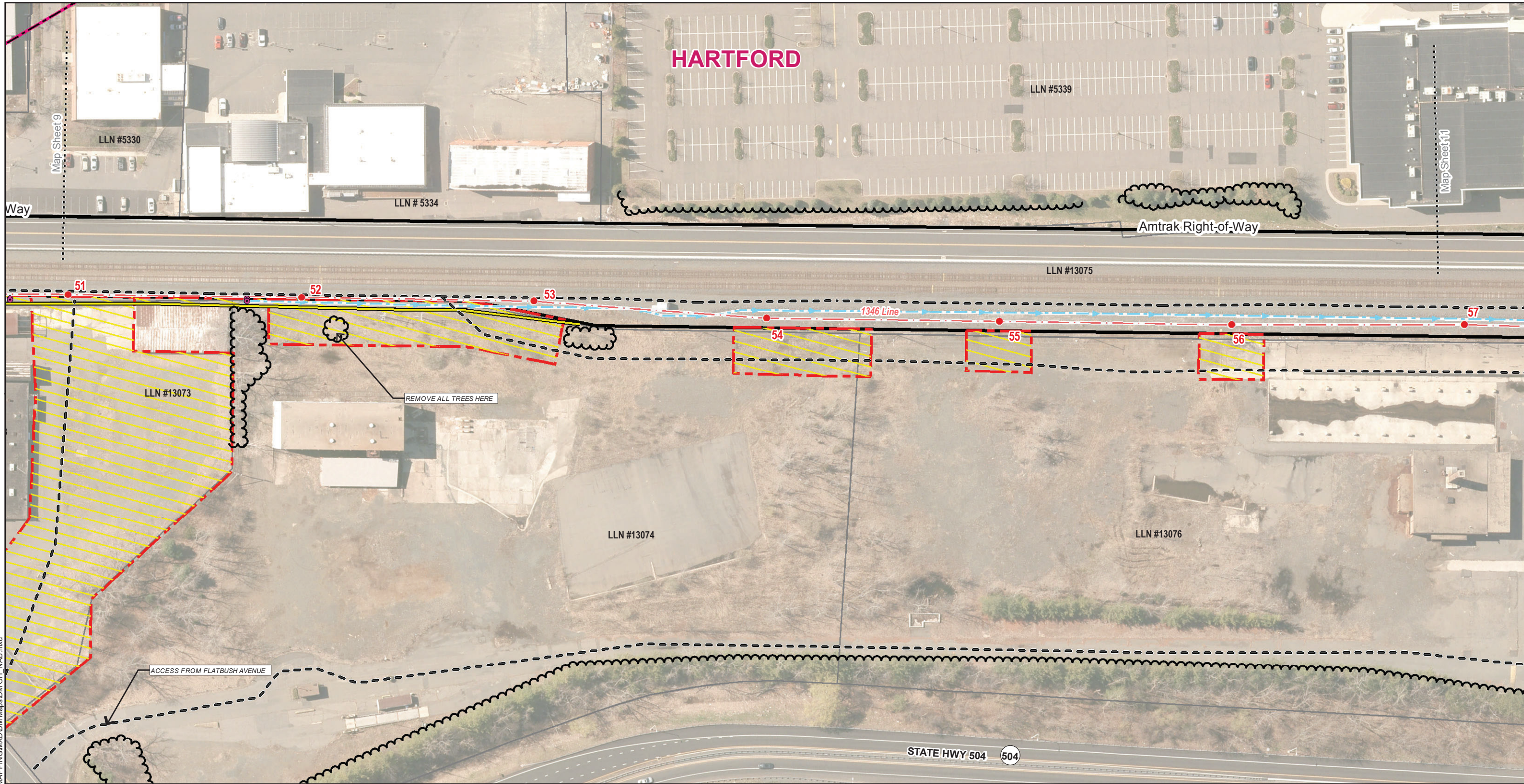
MAP SHEET 10 of 11
Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
115-kV Transmission Line – Overhead Segment
Hartford, Connecticut



Line List Number	Town	Site Address	Owner Name
5330	HARTFORD	420 NEW PARK AVENUE	430 NEW PARK AVENUE LLC
5334	HARTFORD	398 NEW PARK AVENUE	NEW PARK AVENUE ASSOCIATES LLC
5339	HARTFORD	330 NEW PARK AVENUE	DP 103 LLC
13073	HARTFORD	540 FLATBUSH AVENUE	HARSCO CORP
13074	HARTFORD	500 FLATBUSH AVENUE	DANNY CORP
13075	HARTFORD	AMTRAK ROW	NATIONAL RAILROAD PASSENGER CORP (AMTRAK)
13076	HARTFORD	490 FLATBUSH AVENUE	DANNY CORP
13077	HARTFORD	49 OLIVE STREET	ROJ RECYCLING LLC

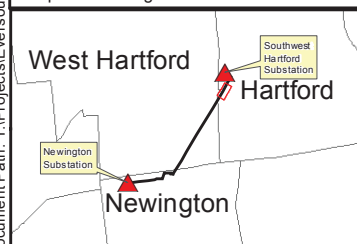
Str #	X-SEC	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
51	CLEARING XS-2	TANGENT	100	GALVANIZED STEEL POLE	VIBRATORY CAISSON
52	CLEARING XS-2	TANGENT	100	GALVANIZED STEEL POLE	VIBRATORY CAISSON
53	CLEARING XS-2	TANGENT	100	GALVANIZED STEEL POLE	VIBRATORY CAISSON
54	CLEARING XS-2	TANGENT	100	GALVANIZED STEEL POLE	VIBRATORY CAISSON
55	CLEARING XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
56	CLEARING XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON
57	CLEARING XS-1	TANGENT	95	GALVANIZED STEEL POLE	VIBRATORY CAISSON

- SITE SPECIFIC NOTES**
- DEWATERING DISCHARGES SHALL BE PUMPED INTO AN APPROPRIATE SEDIMENT CONTROL BASIN OR DEWATERING BAG, FRAC TANK OR WATER TRUCK, OR AS SPECIFIED IN EVERSOURCE'S BMP MANUAL.
 - EXISTING NON-JURISDICTIONAL STORMWATER DITCH SHALL BE SUITABLY BRIDGED OR CULVERTED BENEATH CONSTRUCTION WORK PADS TO ALLOW FOR UNIMPEDED FLOW.



General Notes:

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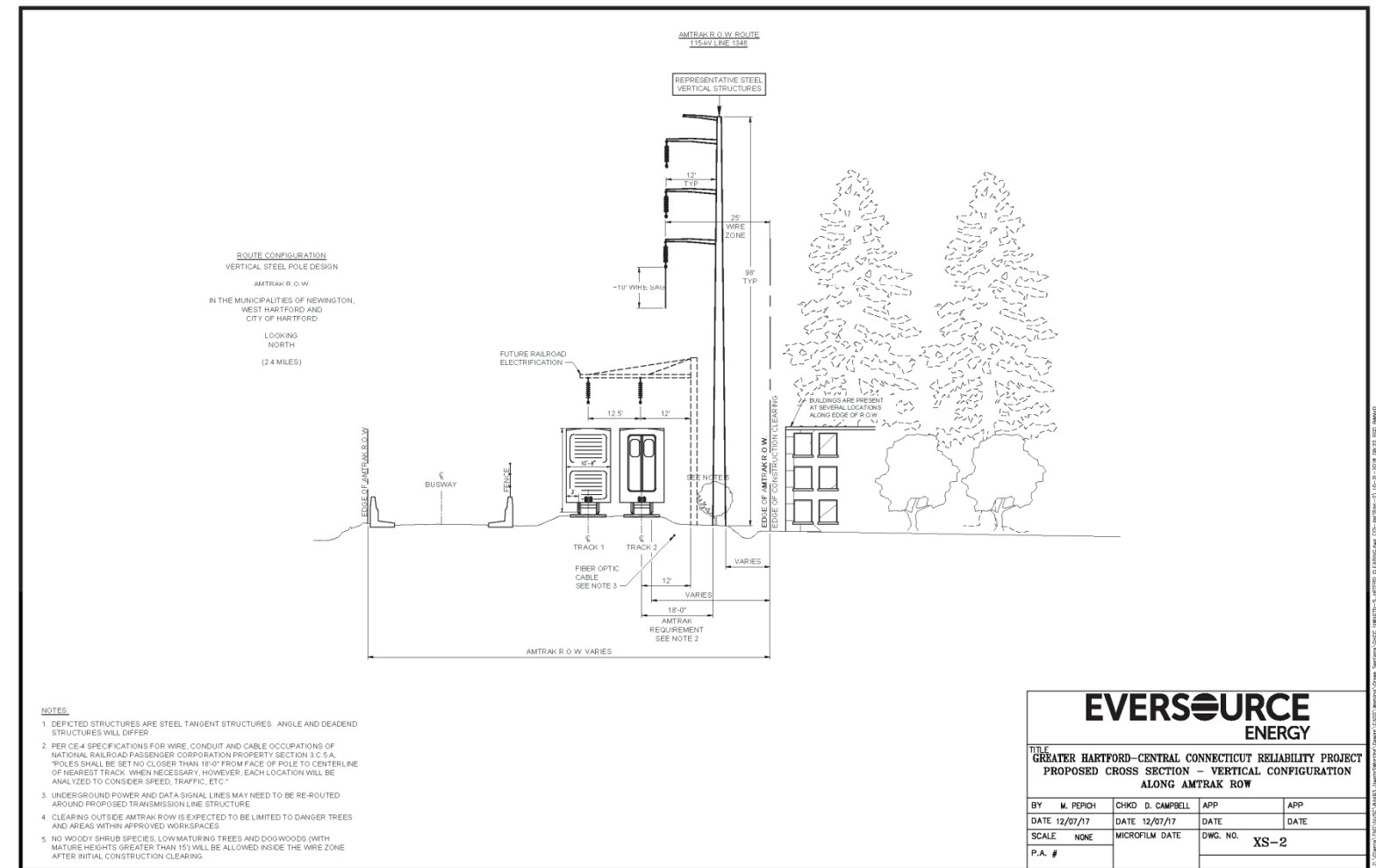
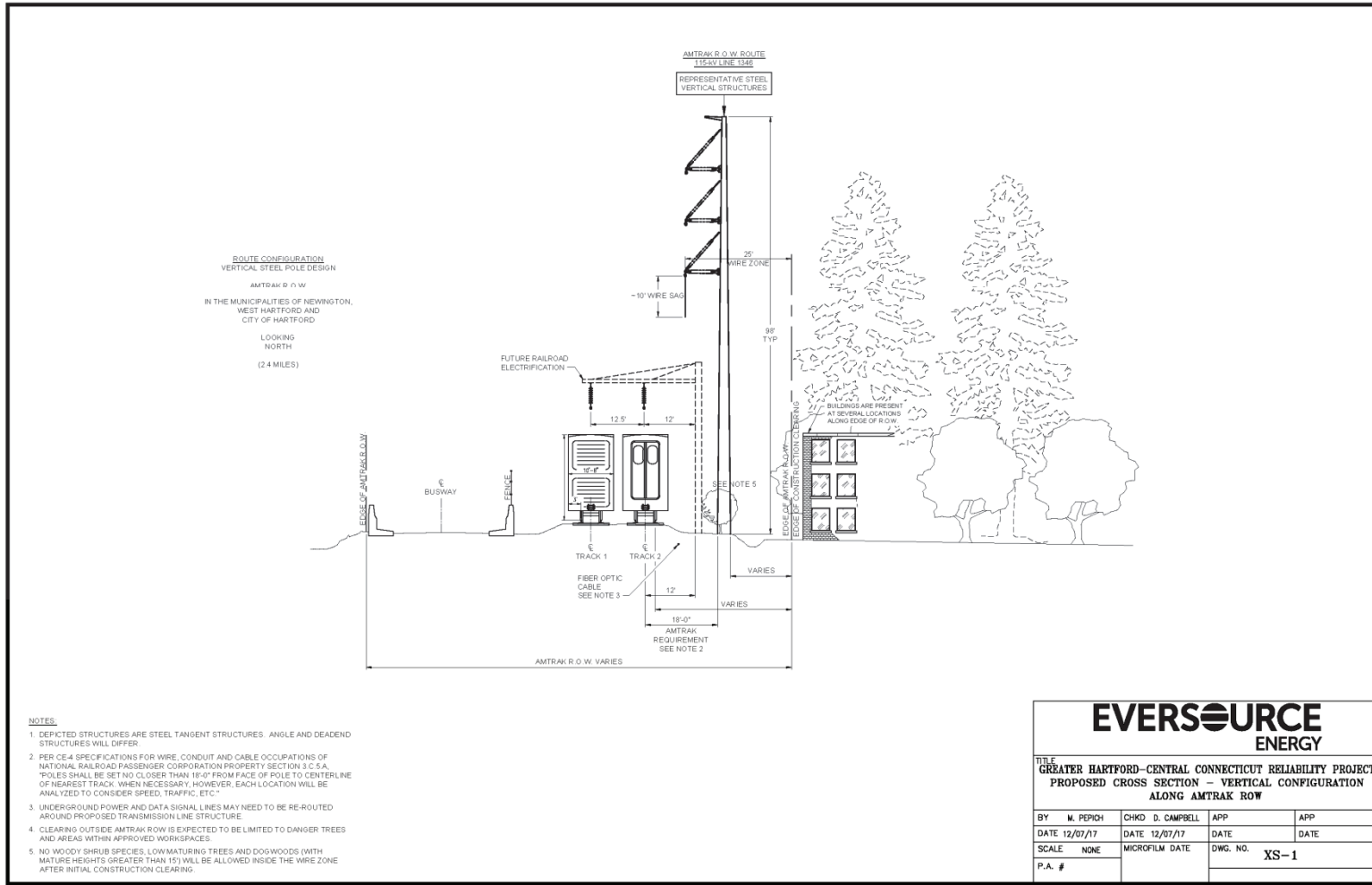


Proposed Structure Str Label	Existing Access Route	Delineated Wetland Boundary Outline	Equipment / Materials Staging Area and Contractor Yard	LLN # LLNs / Property Owner
Culvert (centerpoint)	Proposed Access Route	Field Delineated Wetland	Temporary Work Space	State Highway
1346 - Underground Eversource Line	Approximate Tree Line	FEMA 100-Year Flood Zone	Eversource Right of Way	Interstate Highway
1346 - Overhead Eversource Line	Proposed Tree Clearing Line	Floodway	Gate	Rev.0 2/6/2019
Eversource Owned Property	Parcel Boundary	Historic District	MatchLines	1" = 100' Scale in Feet
Amtrak Right-of-Way	Non-Jurisdictional Ditch	Stone Work Pad		0 50 100
Municipal Boundary	Delineated Perennial Watercourse			

Greater Hartford-Central Connecticut Reliability Project (GHCCRP) Overhead Segment of the 115-kV Transmission Line Newington, West Hartford, and Hartford, CT	
Exhibit A.5: Aerial Map	
Page 10 of 11	

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MAP SHEET 11 of 11
Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
115-kV Transmission Line – Overhead Segment
Hartford, Connecticut



Line List Number	Town	Site Address	Owner Name
5339	HARTFORD	330 NEW PARK AVENUE	DP 103 LLC
5356	HARTFORD	152 NEW PARK AVENUE	STATE OF CONNECTICUT HIGHWAY DEPARTMENT
5363	HARTFORD	150 NEW PARK AVENUE	REHOLD HARTFORD LLC C/O AHOLD FINANCIAL SERVICES
13075	HARTFORD	AMTRAK ROW	NATIONAL RAILROAD PASSENGER CORP (AMTRAK)
13076	HARTFORD	490 FLATBUSH AVENUE	DANNY CORP
13077	HARTFORD	49 OLIVE STREET	ROJ RECYCLING LLC
13078	HARTFORD	502 FATBUSH AVENUE	STATE OF CONNECTICUT

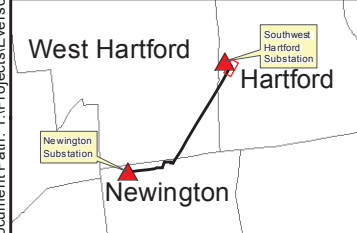
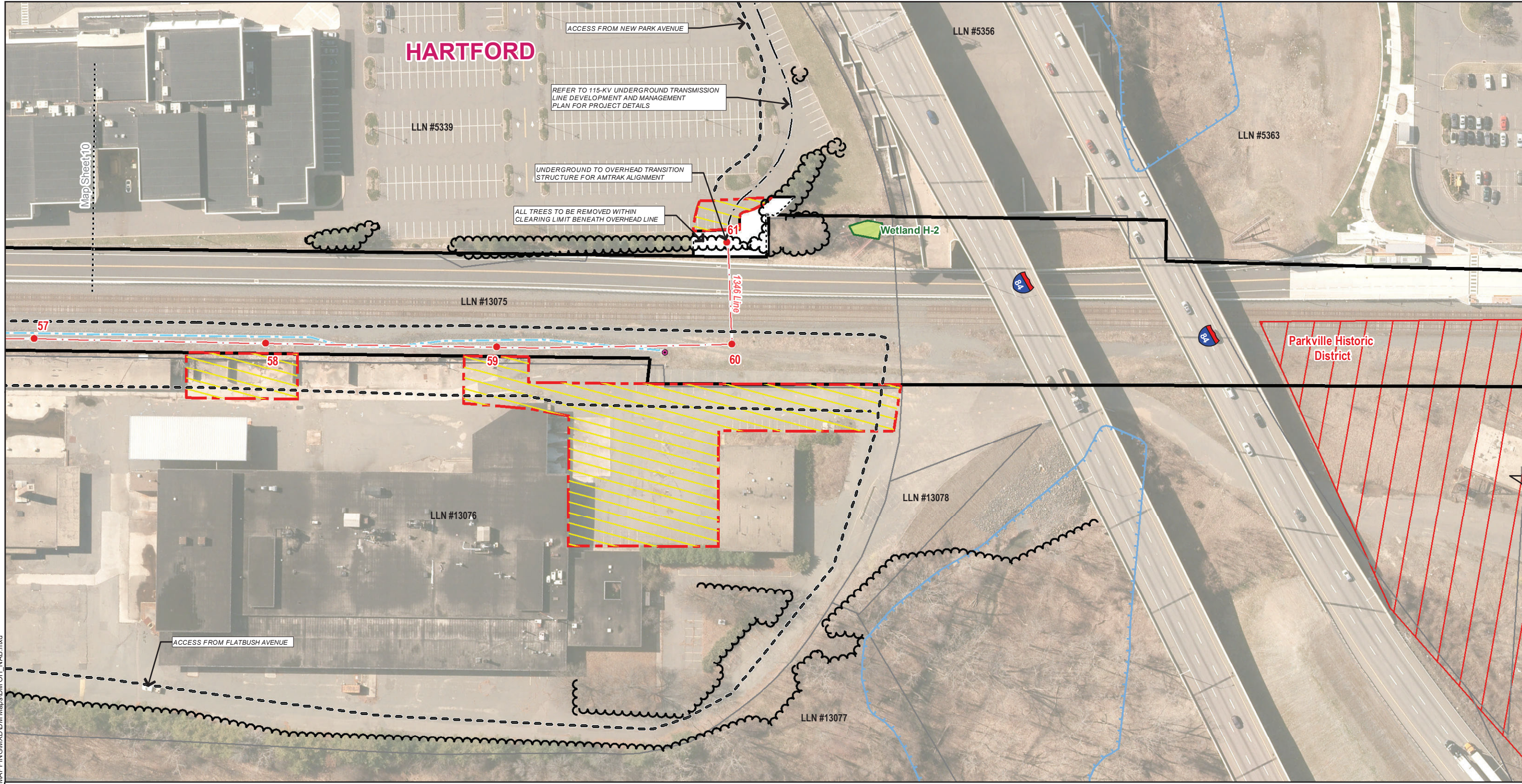
Str #	X-SEC	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
57	CLEARING XS-1	TANGENT	90	GALVANIZED STEEL POLE	VIBRATORY CAISSON
58	CLEARING XS-1	TANGENT	90	GALVANIZED STEEL POLE	VIBRATORY CAISSON
59	CLEARING XS-1	TANGENT	90	GALVANIZED STEEL POLE	VIBRATORY CAISSON
60	CLEARING XS-2	DEADEND	95	GALVANIZED STEEL POLE	DRILLED SHAFT
61	N/A	RISER/TRANSITION	95	GALVANIZED STEEL POLE	DRILLED SHAFT

SITE SPECIFIC NOTES

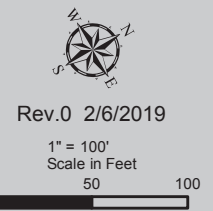
A. DEWATERING DISCHARGES SHALL BE PUMPED INTO AN APPROPRIATE SEDIMENT CONTROL BASIN OR DEWATERING BAG, FRAC TANK OR WATER TRUCK, OR AS SPECIFIED IN EVERSOURCE'S BMP MANUAL.

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HARTFORD



<ul style="list-style-type: none"> Proposed Structure Str Label Culvert (centerpoint) 1345 - Underground Eversource Line 1346 - Overhead Eversource Line Eversource Owned Property Amtrak Right-of-Way Municipal Boundary 	<ul style="list-style-type: none"> Existing Access Route Proposed Access Route Approximate Tree Line Proposed Tree Clearing Line Parcel Boundary Non-Jurisdictional Ditch Delineated Perennial Watercourse 	<ul style="list-style-type: none"> Delineated Wetland Boundary Outline Field Delineated Wetland FEMA 100-Year Flood Zone Floodway Historic District Stone Work Pad 	<ul style="list-style-type: none"> Equipment / Materials Staging Area and Contractor Yard Temporary Work Space Eversource Right of Way Gate MatchLines 	<ul style="list-style-type: none"> LLN # LLNs / Property Owner 55 State Highway 84 Interstate Highway
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EVERSOURCE

Greater Hartford-Central Connecticut Reliability Project (GHCCRP)
Overhead Segment of the
115-kV Transmission Line
Newington, West Hartford, and Hartford, CT

Exhibit A.5: Aerial Map

Page 11 of 11

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Transmission Structure Type Legend

Manufacturing Code
Calls out details regarding Pole Construction

Digit 1	Digit 2	Digit 3	Digit 4
Insulator Type	Material Identifier	Design Attachment	Foundation Type
U-Suspension	W-Weathering Steel	G-Guyed	C-Casing
S-Strain	N-Natural Wood	O-OPGW Splice	D-Drilled Shaft
D-Dead End (Column Deadend)	G-Galvanized	X-No Attachment Pre-design	E-Direct Embed
B-Braced Post			

Special Structure Designation
Included when necessary

HSW – Heavy Shield Wire
 UPA – Designed for All Wires in Uplift
 UPS – Designed for Shield Wires in Uplift
 ULL – Designed for Uneven Leg Lengths
 AED – Additional Embedment Depth

Maximum Allowable Line Angle
Denotes the maximum line angle for which the structure is designed. Actual line angle will be less than this design angle.

Structure Height
Identifies the structure height above the foundation for anchor bolt type structures and the above ground height for direct embed type structures.

Voltage Identifier
10 – One 115-kV Ckt.

Structure Drawing No. → **XX-YYYY-ZZZZ-WWW-TTTTT-SSS.HHH**

Structure Type Identifier
Calls out type of pole configuration

SCSP – Single Circuit Steel Pole Vertical
 SCSD – Single Circuit Steel Pole in Delta Config
 SCSF – Single Circuit Steel H-Frame
 SCLT – Single Circuit Steel Lattice Tower
 SCUG – Single Circuit Steel Underground

Loading Code

Digit 1	Digit 2	Digit 3	Digits 4 & 5
Wind Zone Identifier	Wind Span Design Code	Weight Span Design Code	Conductor Identifier
J-Central CT Zone	A-300 Feet	D-500 Feet	Identifies conductor that the structure is designed to accommodate for given load data previously called out. First digit is highest voltage if more than one exists.
K-SE CT/Coastal Zone	B-400 Feet	E-600 Feet	T – 1272 KCMIL 54/19 ACSS "Pheasant"
L-NW CT/WMECO Zone	C-500 Feet	F-1200 Feet	Z – No Conductor (Place holder for single circuit structures)

Example 10-SCSP-UGXE-002-KBETZ.110
 REFERS TO A 115-kV SINGLE CIRCUIT STEEL MONOPOLE STRUCTURE WITH SUSPENSION INSULATORS AND IS DESIGNED FOR A 2 DEGREE LINE ANGLE, 400 FOOT WIND SPAN, 600 FOOT WEIGHT SPAN, IN THE SE CT/COASTAL ZONE WIND LOADING ZONE. IT IS DESIGNED FOR 1-1272 KCMIL CONDUCTOR PER PHASE AND IS UNGUYED WITH DIRECT EMBED FOUNDATIONS. THE TOTAL POLE LENGTH IS 110 FEET AND THE STRUCTURE HAS A GALVANIZED STEEL FINISH.

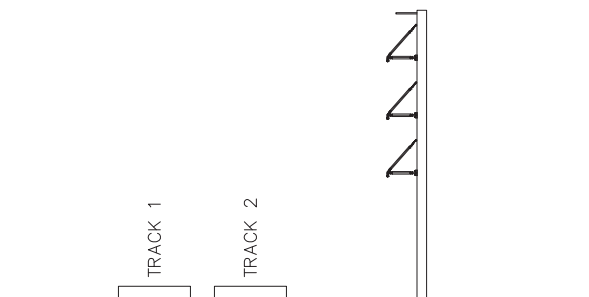
Structure Callouts (Typical)

- XXXX – ES STRUCTURE NUMBER
 - STA=31+36.45 – STATIONING
 - 10-SCSP-UGXE-002-JBETZ – STRUCTURE TYPE
 - 3 TM-2B-115-B – QTY*, 115-kV ASSEMBLY
 - 1 09000-70015 PG1-DE – QTY*, OPGW DEADEND ASSEMBLY
 - 1 09000-70015 PG1-HDW – QTY*, OPGW SUSPENSION HOLD DOWN WEIGHT
 - 1 09000-70015 PG1-SUSP – QTY*, OPGW SUSPENSION ASSEMBLY
 - 1 09000-70015 PG1 SVD – QTY*, OPGW VIBRATION DAMPER
 - 1 G-1-Y – QTY*, GROUND RING, FOUNDATION MOUNTED STEEL POLE
 - 1 G-2-Y – QTY*, GROUND RING, DIRECT EMBEDDED STEEL POLE
 - 1 G-3-Y – QTY*, GROUND RING, CASING MOUNTED STEEL POLE
 - 1 SIGN-3 – QTY*, STRUCTURE NUMBER SIGN
 - 1 SIGN-4 – QTY*, STRUCTURE LINE NUMBER SIGN
 - 1 SIGN-5 – QTY*, STRUCTURE WARNING SIGN FOR STEEL POLES
 - 1 BRACKET-1 – QTY*, AERIAL STRUCTURE NUMBER SIGN
 - 1 BRACKET-1-EXT – QTY*, AERIAL STRUCTURE NUMBER BRACKET EXTENSION
 - 1 2M-2G-### – QTY*, CONDUCTOR WEIGHT 50/100 POUNDS PER PHASE
 - 1 LA – QTY*, LINE ARRESTOR
 - OPGW SPLICE – QTY*, OPGW SPLICE LOCATION, MATERIAL PER DWG 09000-70021 PG003
- * QUANTITY IS 1 UNLESS NOTED.

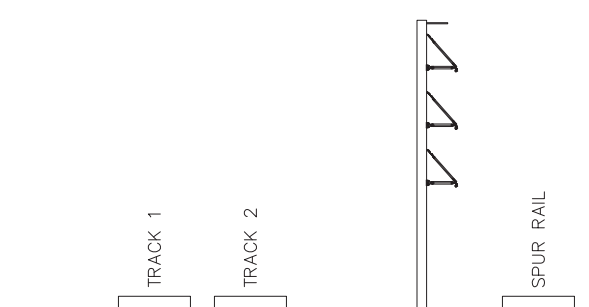
CALL BEFORE YOU DIG
 FOR CONNECTICUT
 1-800-922-4455
 TWO WEEKS NOTICE BEFORE YOU DIG
 www.ctytd.com

NOT ISSUED FOR
 CONSTRUCTION

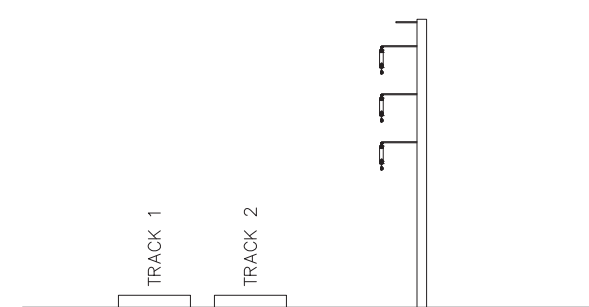
REVISIONS DURING CONSTRUCTION			
NO.	DATE	DESCRIPTION	BY



Typical Braced Post Orientation



Structure 34 Orientation



Typical Davit Arm Orientation

CONDUCTOR TENSION DESIGN CRITERIA		
DESIGN CONDITIONS	DESIGN DESCRIPTION	TENSION LIMITATIONS
GENERAL LIMITATIONS TO ALL WIRES		
NESC 250B	0 DEGREE, 4# WIND, 1/2" ICE	60% RTS, CREEP
NESC 250B	0 DEGREE, 4# WIND, 1/2" ICE	60% RTS, LOAD
NESC 250C	60 DEGREE, 32# WIND, NO ICE	80% RTS, CREEP
NESC 250C	60 DEGREE, 32# WIND, NO ICE	80% RTS, LOAD
NESC 250D	15 DEGREE, 4.1# WIND, 1" ICE	80% RTS, CREEP
NESC 250D	15 DEGREE, 4.1# WIND, 1" ICE	80% RTS, LOAD
60 Deg F	60 DEGREE, NO WIND, NO ICE	35% RTS, INITIAL
60 Deg F	60 DEGREE, NO WIND, NO ICE	25% RTS, CREEP
60 Deg F	60 DEGREE, NO WIND, NO ICE	25% RTS, LOAD
CONDUCTOR SPECIFIC LIMITATIONS		
NESC 250B	0 DEGREE, 4# WIND, 1/2" ICE	10,000, CREEP
NESC 250B	0 DEGREE, 4# WIND, 1/2" ICE	10,000, LOAD
CONDUCTOR SPECIFIC LIMITATIONS FOR SPANS STR 11B-12B, STR 60-61		
NESC 250B	0 DEGREE, 4# WIND, 1/2" ICE	5,700, CREEP
NESC 250B	0 DEGREE, 4# WIND, 1/2" ICE	5,700, LOAD
OPGW/GROUND WIRE SPECIFIC LIMITATIONS		
NESC 250B	0 DEGREE, 4# WIND, 1/2" ICE	5,500, CREEP
NESC 250B	0 DEGREE, 4# WIND, 1/2" ICE	5,500, LOAD
GROUND WIRE SPECIFIC LIMITATIONS FOR SPANS STR 11B-12B, STR 60-61		
NESC 250B	0 DEGREE, 4# WIND, 1/2" ICE	2,750, CREEP
NESC 250B	0 DEGREE, 4# WIND, 1/2" ICE	2,750, LOAD

General Notes:

- CONDUCTOR SAGS ON PLAN & PROFILE SHEETS ARE SHOWN AS FOLLOWS UNLESS NOTED:
 A. OVERHEAD GROUND WIRES/OPGW: -20' F. FINAL, NO WIND
 B. 115-kV CONDUCTORS: 60' F. FINAL, NO WIND AND 392' F. FINAL, NO WIND
- SEE CONSTRUCTABILITY MAPS, DEVELOPMENT & MANAGEMENT PLANS, AND ENVIRONMENTAL COMPLIANCE PLAN FOR STRUCTURE REMOVAL, EROSION CONTROL, AND CONSTRUCTION REQUIREMENTS.
- HORIZONTAL DATUM: NAD 83 CONNECTICUT STATE PLANE, MAINLAND ZONE, US FOOT
 VERTICAL DATUM: NAVD 88.
- ALL UNDERGROUND UTILITIES, CABLE, AND FACILITIES MUST BE LOCATED AND PROTECTED BEFORE ANY EXCAVATING, DRILLING, BORING/DIRECTION DRILLING, GROUND PENETRATING ACTIVITIES, OR CONSTRUCTION TAKE PLACE. THIS INCLUDES RAILROAD AND COMMERCIAL UTILITIES, CABLES, DUCT LINES, AND FACILITIES. THESE ACTIVITIES WILL NOT BE PERFORMED IN CLOSE PROXIMITY TO THE AMTRAK DUCT LINES UNLESS MONITORED BY ON-SITE AMTRAK COMMUNICATIONS AND SIGNAL (C&S) DEPARTMENT PERSONNEL. HAND DIGGING MAY BE REQUIRED, AS DIRECTED BY AMTRAK THROUGH THE ON-SITE AMTRAK PERSONNEL. AMTRAK MAINTAINS THE RIGHT TO ACCESS ALL EXISTING CABLES AND CONDUITS THROUGHOUT CONSTRUCTION. AMTRAK ALSO RESERVES THE RIGHT TO UPGRADE AND INSTALL NEW CABLES AND CONDUITS IN THE AFFECTED AREA. THE "ONE-CALL" PROCESS MUST BE FOLLOWED. PLEASE NOTE THAT AMTRAK IS NOT A PART OF THE ONE-CALL PROCESS; CONTACT AMTRAK ENGINEERING TO HAVE ALL UNDERGROUND FACILITIES AND ASSETS LOCATED. PRECAUTIONS MUST BE TAKEN TO PREVENT AND INTERRUPTION TO AMTRAK'S OPERATION.
- ALL CONTRACTORS MUST EXECUTE THE THEN CURRENT VERSION OF AMTRAK'S "TEMPORARY PERMIT TO ENTER UPON PROPERTY" WHICH REQUIRES ALL PERSONS THAT ARE ON OR ADJACENT TO AMTRAK PROPERTY TO SUCCESSFULLY COMPLETE THE CONTRACTOR ORIENTATION TRAINING. ALL CONTRACTORS MUST CARRY THEIR "AMTRAK CONTRACTOR ROADWAY WORKER PROTECTION" CARD WITH THAT AT ALL TIMES WHILE ON OR ADJACENT TO AMTRAK PROPERTY.
- CONTRACTOR TO SUPPLY ADEQUATE LENGTH OF GROUNDING CABLE (4/0 COPPER) WITH APPROVED CLAMPERS PER THE ATTACHED AMTRAK SPECIFICATION NO. 16064 SPECIFICATION FOR EQUIPMENT AND VEHICLE GROUNDING NEAR ENERGIZED OVERHEAD WIRES.
- CONTRACTOR MUST CONTACT AND COORDINATE WITH AMTRAK'S NEW ENGLAND DIVISION REPRESENTATIVES. A TWO WEEK LOOK AHEAD SCHEDULE MUST BE PROVIDED IN ADVANCE SO THAT AMTRAK'S NEW ENGLAND DIVISION REPRESENTATIVES CAN DETERMINE PROTECTION NEEDS ON A PER LOCATION BASIS.
- CONTRACTOR MUST FOLLOW AMTRAK ENGINEERING PRACTICES EP3014 SPECIFICATIONS FOR ALL CONTRACTOR WORK ON AMTRAK RIGHT-OF-WAY (ROW) AND ADJACENT TO AMTRAK TRACKS.

NO.	DATE	DESIGN REVISIONS	BY	CHK	APP	APP
C	08/24/18	90% DESIGN	BMS	ELM	DEC	-
B	04/06/18	UPDATED LOADING ZONE	MSP	DEC	-	-
A	12/21/17	IFR - 70% DESIGN	MSP	DEC	-	-
-	06/30/17	ISSUED FOR REVIEW	MSP	DEC	-	-

Exhibit A.6

BURNS & MCDONNELL

84493

date JUNE 30, 2017 detailed M. PEPICH

designed D. CAMPBELL checked -

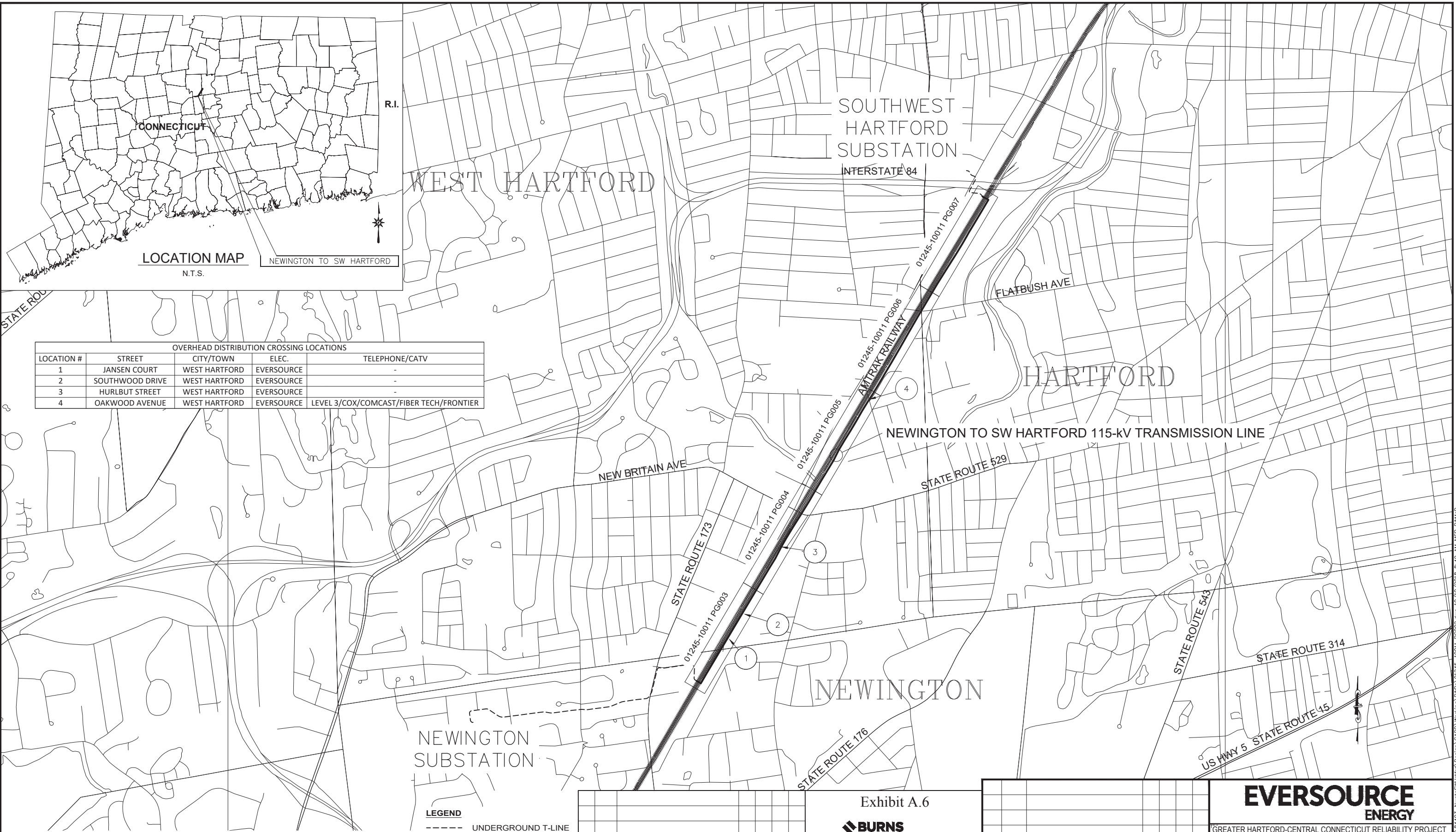
NO.	DATE	AS BUILT REVISIONS	BY	CHK	APP	APP

EVERSOURCE ENERGY

GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT
 TRANSITION STR. 11B TO TRANSITION STR. 61
 115-kV LEGEND

CT

BY MSP (BMcD)	CRD VCM (BMcD)	APP -	APP -
DATE 06/30/17	DATE 06/30/17	DATE -	DATE -
H-SCALE 1" = 200'	SHEET D	FIELD BOOK & PAGES	
V-SCALE 1" = 80'	V.S.	R.E. DWG	
R.E. PROJ. NUMBER	NUSC		01245-10011 PG001



LOCATION MAP
N.T.S.
NEWINGTON TO SW HARTFORD

OVERHEAD DISTRIBUTION CROSSING LOCATIONS				
LOCATION #	STREET	CITY/TOWN	ELEC.	TELEPHONE/CATV
1	JANSEN COURT	WEST HARTFORD	EVERSOURCE	-
2	SOUTHWOOD DRIVE	WEST HARTFORD	EVERSOURCE	-
3	HURLBUT STREET	WEST HARTFORD	EVERSOURCE	-
4	OAKWOOD AVENUE	WEST HARTFORD	EVERSOURCE	LEVEL 3/COX/COMCAST/FIBER TECH/FRONTIER

LEGEND
 - - - - UNDERGROUND T-LINE
 ——— OVERHEAD T-LINE
 □ P&P SHEETS

NOT ISSUED FOR CONSTRUCTION

A		08/24/18		90% DESIGN		RGD	ELM	DEC	-
NO.	DATE	DESIGN REVISIONS		BY	CHK	APP	APP		

Exhibit A.6

BURNS MEDONNELL

84493

date	AUGUST 24, 2018	detailed	R. DAWSON
designed	D. CAMPBELL	checked	E. MEYER

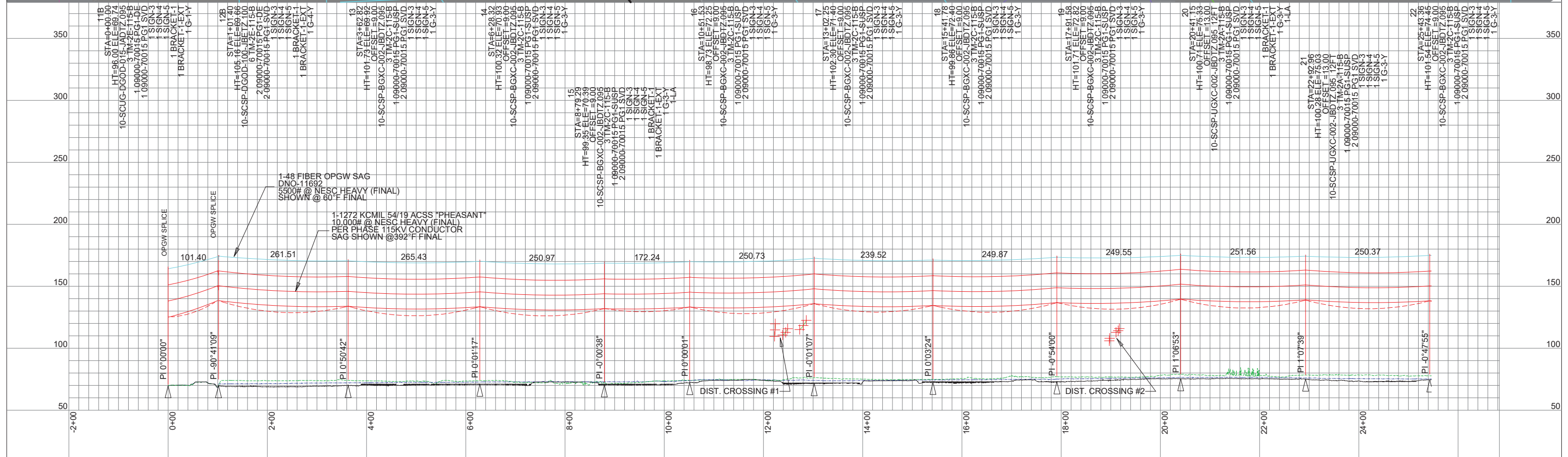
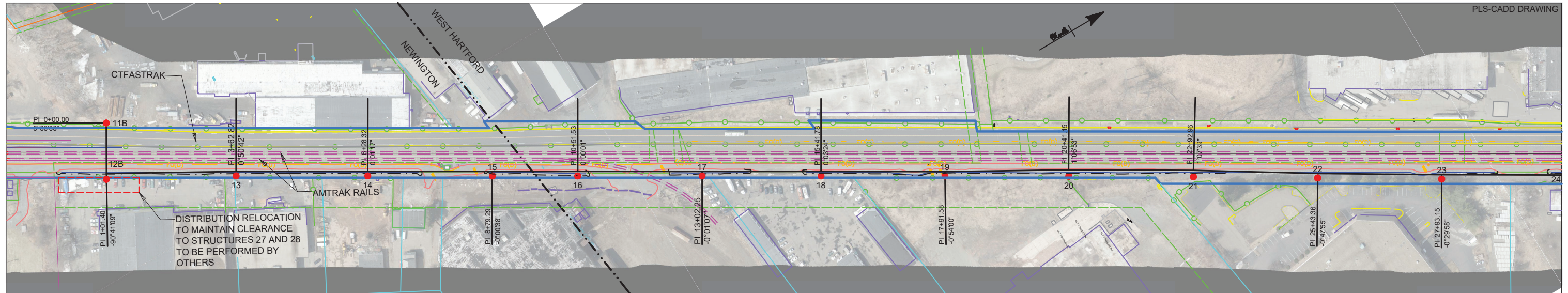
AS BUILT REVISIONS		BY	CHK	APP	APP
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EVERSOURCE ENERGY

GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT
115kV LINE 1346
KEY MAP

BY	BMcD	CHKD	-	APP	-	APP	-
DATE	4/6/2018	DATE		DATE		DATE	
H-SCALE	N/A	SIZE	D	FIELD BOOK & PAGES			
V-SCALE	N/A	V.S.		R.E. DWG			
R.E. PROJ. NUMBER				DWG NO. 01245-10011 PG002			

I:\projects\180818\180818-10011-PG002.dwg 10/10/2018 8:49 AM MSP B&MCD



LEGEND

PROPOSED 115-kV CENTERLINE	—	RIPRAP OUTLINE	- - - - -	DISTRIBUTION CROSSING	+
OUTER EDGES OF THE RAILS	- - - - -	FENCE	- - - - -	PI LOCATION	△
RAILROAD R.O.W. LINE	—	EXISTING ACCESS ROAD	—	PROPOSED STRUCTURE LOCATION	●
TOWN BOUNDARIES	- · - · - · -	GROUND PROFILE 10' LEFT	- - - - -		
EASEMENT BOUNDARIES	- · - · - · -	GROUND PROFILE CENTER	- - - - -		
UG STORM DRAIN	— SD(C) —	GROUND PROFILE 10' RIGHT	- - - - -		
UG FO CABLE	— FO(D) —	OPGW / OHGW @ 60° F	—		
CENTERLINE STORM DITCH	—	CONDUCTOR @ 60° F	—		
PROPERTY LINE	—	CONDUCTOR @ MAX. OP. TEMP. (SEE NOTE 1)	—		

0 200'
HORIZONTAL SCALE

0 80'
VERTICAL SCALE

no.	date	revisions	det	dsn	chk	app
B	08/24/18	90% DESIGN	RGD	DEC	ELM	DEC
A	12/21/17	70% DESIGN	MSP	DEC	ELM	DEC

Exhibit A.6

BURNS MCDONNELL

84493

date APRIL 10, 2017
designed D. CAMPBELL

detailed M. PEPICH
checked E. MEYER

EVERSOURCE ENERGY

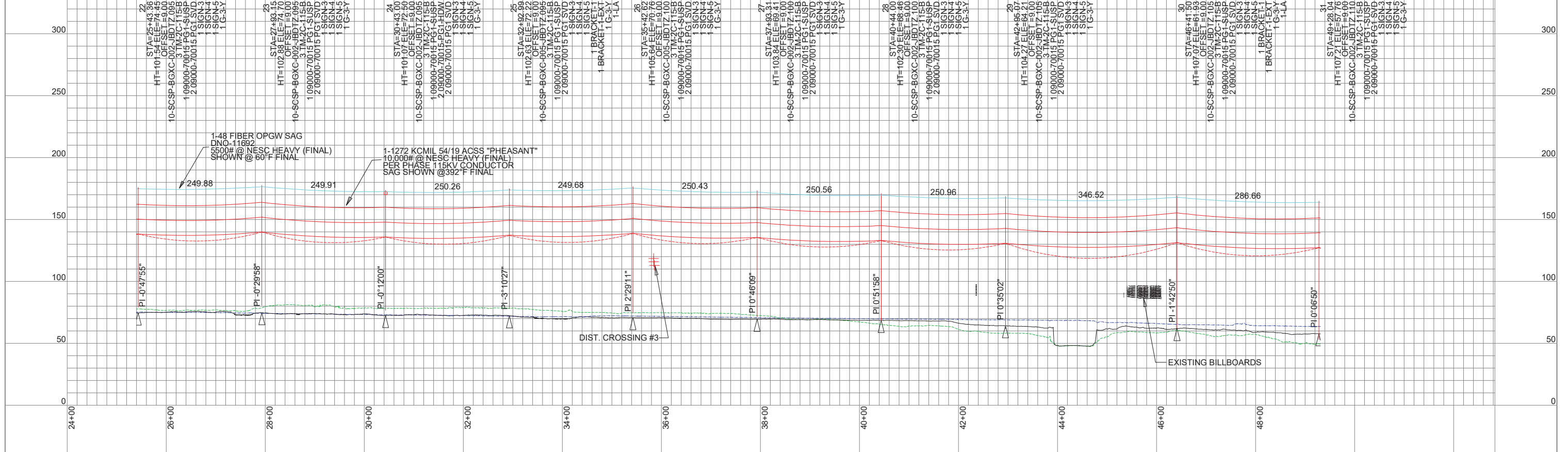
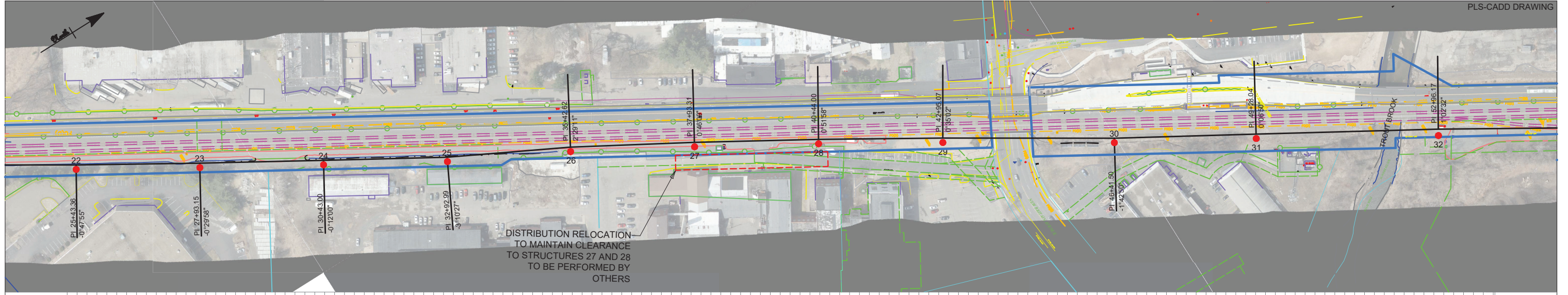
GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT

115-kV LINE 1346
PLAN AND PROFILE

CT

BY BMcD/MSP	CHKD BMcD/DEC	APP	APP
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V-SCALE 1" = 80'	V.S.	R.E. DWG	
R.E. PROJ. NUMBER	DWG NO. 01245-10011 PG003		

NOT ISSUED FOR CONSTRUCTION



LEGEND

PROPOSED 115-KV CENTERLINE	—	RIPRAP OUTLINE	- - - - -	DISTRIBUTION CROSSING	+
OUTER EDGES OF THE RAILS	- - - - -	FENCE	- - - - -	PI LOCATION	△
RAILROAD R.O.W. LINE	—	EXISTING ACCESS ROAD	—	PROPOSED STRUCTURE LOCATION	●
TOWN BOUNDARIES	- · - · - · -	GROUND PROFILE 10' LEFT	- - - - -		
EASEMENT BOUNDARIES	- · - · - · -	GROUND PROFILE CENTER	- - - - -		
UG STORM DRAIN	—	GROUND PROFILE 10' RIGHT	- - - - -		
UG FO CABLE	—	OPGW / OHGW @ 60° F	—		
CENTERLINE STORM DITCH	—	CONDUCTOR @ 60° F	—		
PROPERTY LINE	—	CONDUCTOR @ MAX. OP. TEMP. (SEE NOTE 1)	—		

0 200'
HORIZONTAL SCALE

0 80'
VERTICAL SCALE

no.	date	revisions	det	dsn	chk	app
B	08/24/18	90% DESIGN	RGD	DEC	ELM	DEC
A	12/21/17	70% DESIGN	MSP	DEC	ELM	DEC

Exhibit A.6

BURNS MCDONNELL

84493

date: APRIL 10, 2017
designed: D. CAMPBELL

detailed: M. PEPICH
checked: E. MEYER

EVERSOURCE ENERGY

GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT

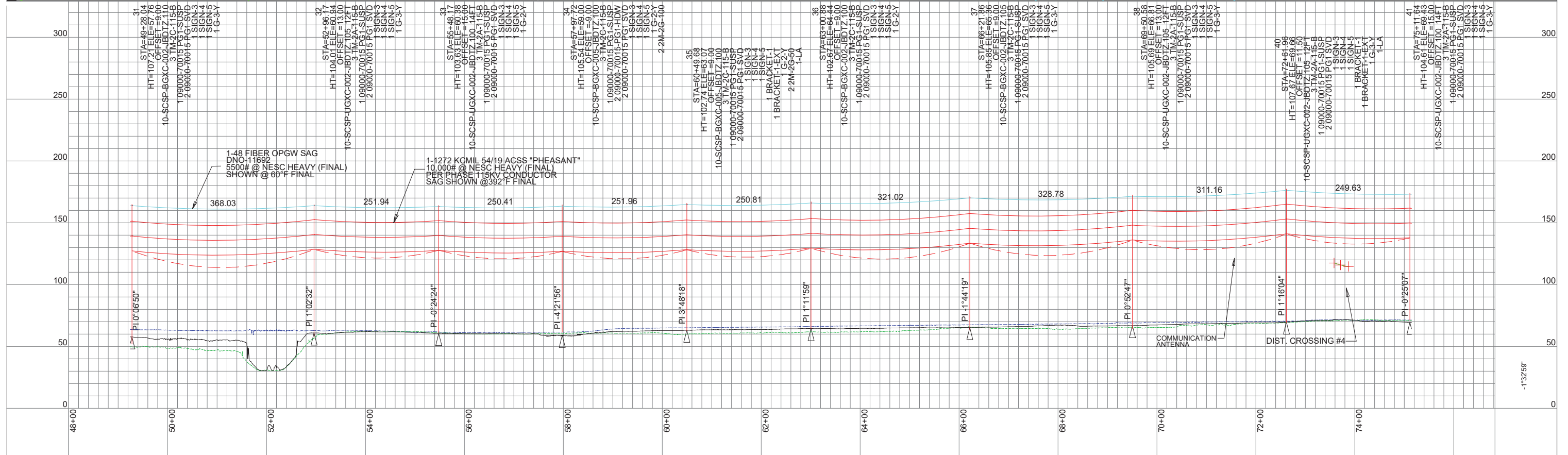
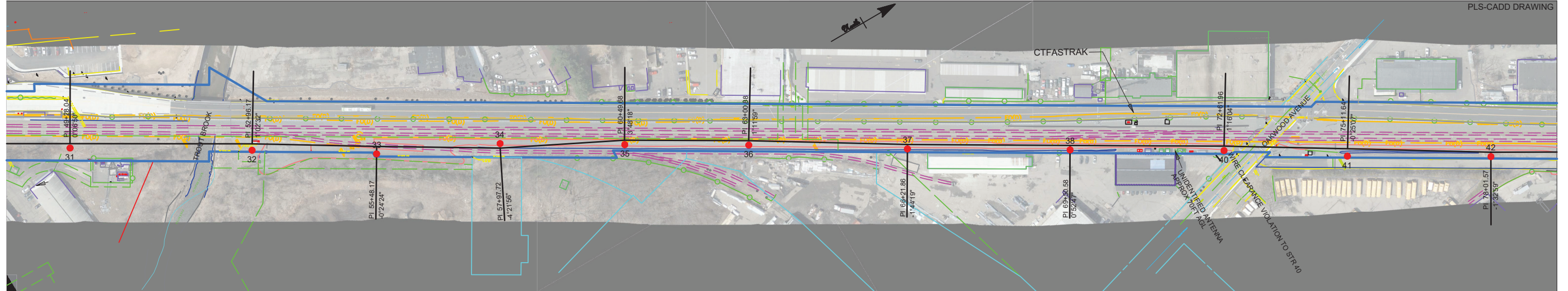
115-KV LINE 1346

PLAN AND PROFILE

CT

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V-SCALE: 1" = 80'	V.S.:	R.E. DWG	
R.E. PROJ. NUMBER:	DWG NO. 01245-10011 PG004		

NOT ISSUED FOR CONSTRUCTION



LEGEND

PROPOSED 115-kV CENTERLINE	—	RIPRAP OUTLINE	- - - - -	DISTRIBUTION CROSSING	+
OUTER EDGES OF THE RAILS	- - - - -	FENCE	- - - - -	PI LOCATION	△
RAILROAD R.O.W. LINE	—	EXISTING ACCESS ROAD	—	PROPOSED STRUCTURE LOCATION	●
TOWN BOUNDARIES	- · - · - · -	GROUND PROFILE 10' LEFT	- - - - -		
EASEMENT BOUNDARIES	- - - - -	GROUND PROFILE CENTER	- - - - -		
UG STORM DRAIN	— SD(C) —	GROUND PROFILE 10' RIGHT	- - - - -		
UG FO CABLE	— FO(D) —	CONDUCTOR @ 60° F	—		
CENTERLINE STORM DITCH	—	CONDUCTOR @ MAX. OP. TEMP. (SEE NOTE 1)	—		
PROPERTY LINE	—				

0 200'
HORIZONTAL SCALE

0 80'
VERTICAL SCALE

no.	date	revisions	det	dsn	chk	app
B	08/24/18	90% DESIGN	RGD	DEC	ELM	DEC
A	12/21/17	70% DESIGN	MSP	DEC	ELM	DEC

Exhibit A.6

BURNS MCDONNELL

84493

date APRIL 10, 2017
designed D. CAMPBELL

detailed M. PEPICH
checked E. MEYER

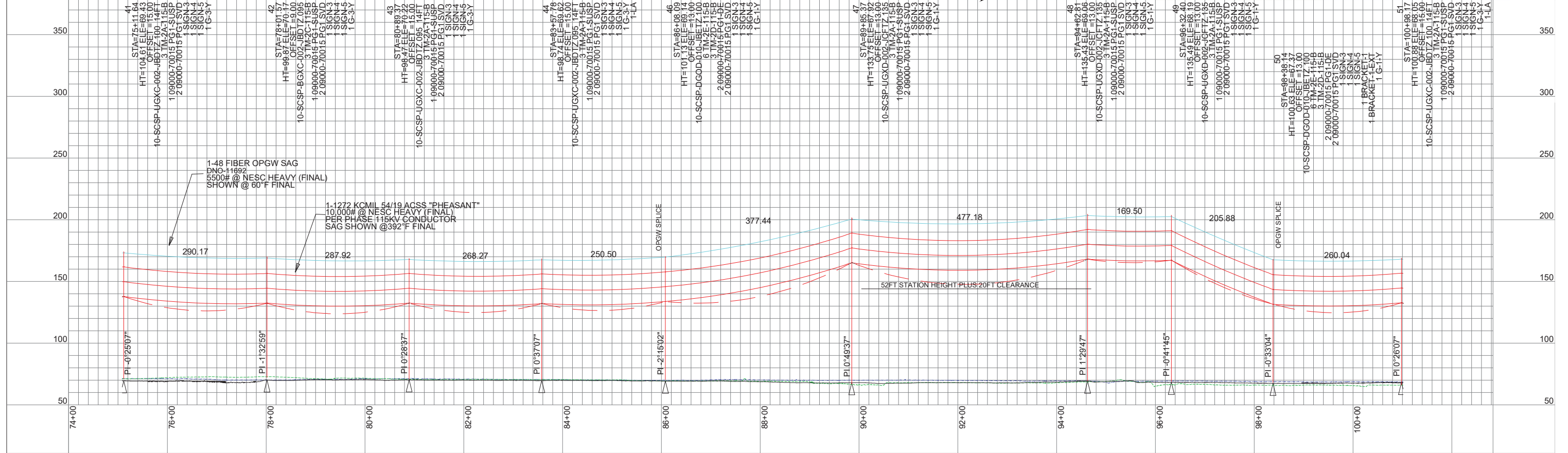
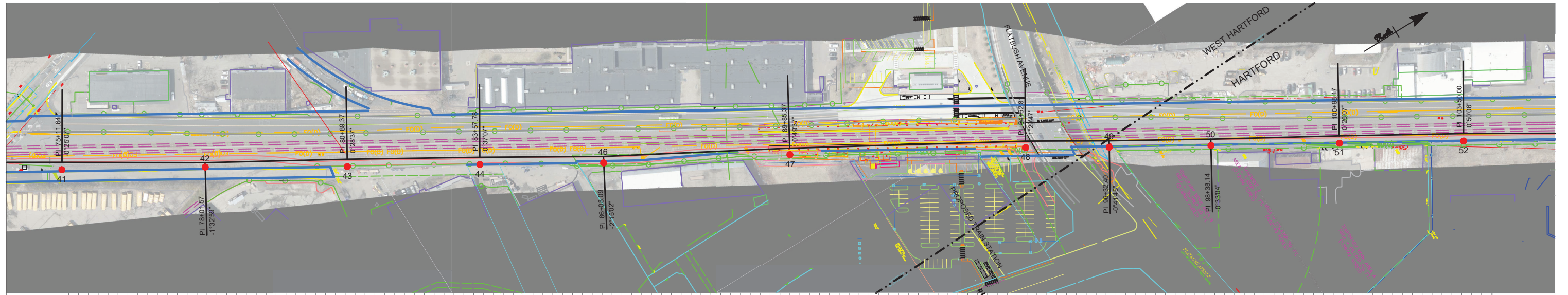
EVERSOURCE ENERGY

GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT

115-kV LINE 1346
PLAN AND PROFILE
CT

BY BMcD/MSP	CHKD BMcD/DEC	APP	APP
DATE 04/10/17	DATE 04/10/17	DATE	DATE
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V-SCALE 1" = 80'	V.S.	R.E. DWG	
R.E. PROJ. NUMBER	DWG NO. 01245-10011 PG005		

NOT ISSUED FOR CONSTRUCTION



LEGEND

PROPOSED 115-kV CENTERLINE	—	RIPRAP OUTLINE	- - - - -	DISTRIBUTION CROSSING	+
OUTER EDGES OF THE RAILS	- - - - -	FENCE	—○—○—	PI LOCATION	△
RAILROAD R.O.W. LINE	—	EXISTING ACCESS ROAD	—	PROPOSED STRUCTURE LOCATION	●
TOWN BOUNDARIES	- · - · - · -	GROUND PROFILE 10' LEFT	- - - - -		
EASEMENT BOUNDARIES	- · - · - · -	GROUND PROFILE CENTER	- - - - -		
UG STORM DRAIN	—SD(C)—	GROUND PROFILE 10' RIGHT	- - - - -		
UG FO CABLE	—FO(D)—	OPGW / OHGW @ 60° F	—		
CENTERLINE STORM DITCH	—	CONDUCTOR @ 60° F	—		
PROPERTY LINE	—	CONDUCTOR @ MAX. OP. TEMP. (SEE NOTE 1)	—		

0 200'
HORIZONTAL SCALE

0 80'
VERTICAL SCALE

no.	date	revisions	det	dsn	chk	app
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A	12/21/17	70% DESIGN	MSP	DEC	ELM	DEC

Exhibit A.6

BURNS MCDONNELL

84493

date: APRIL 10, 2017

designed: D. CAMPBELL

detailed: M. PEPICH

checked: E. MEYER

EVERSOURCE ENERGY

GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT

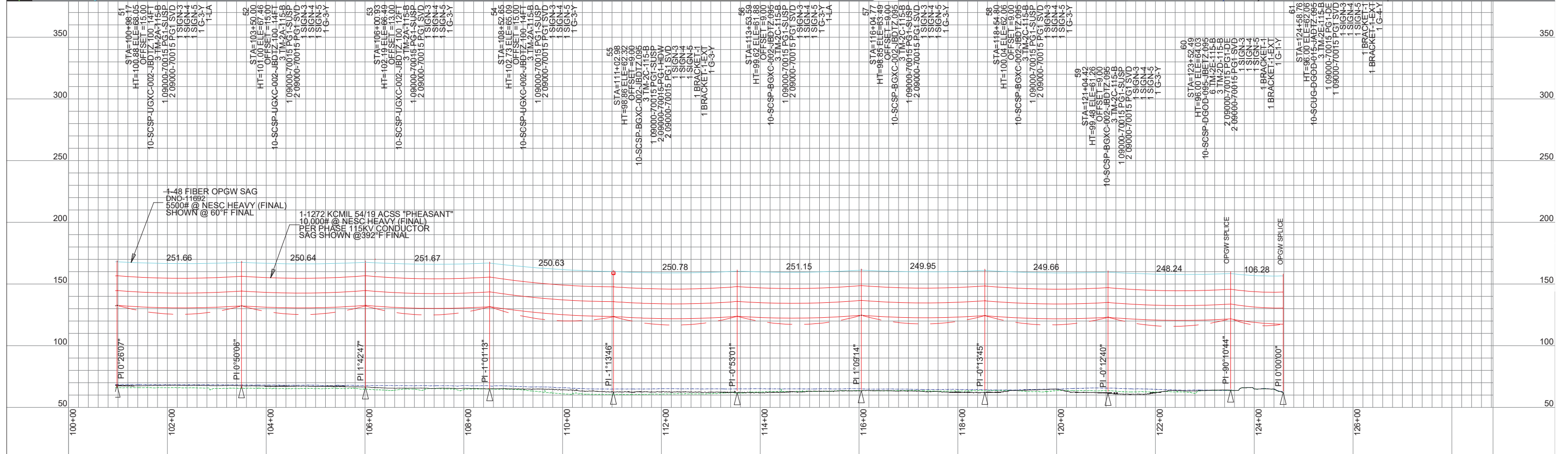
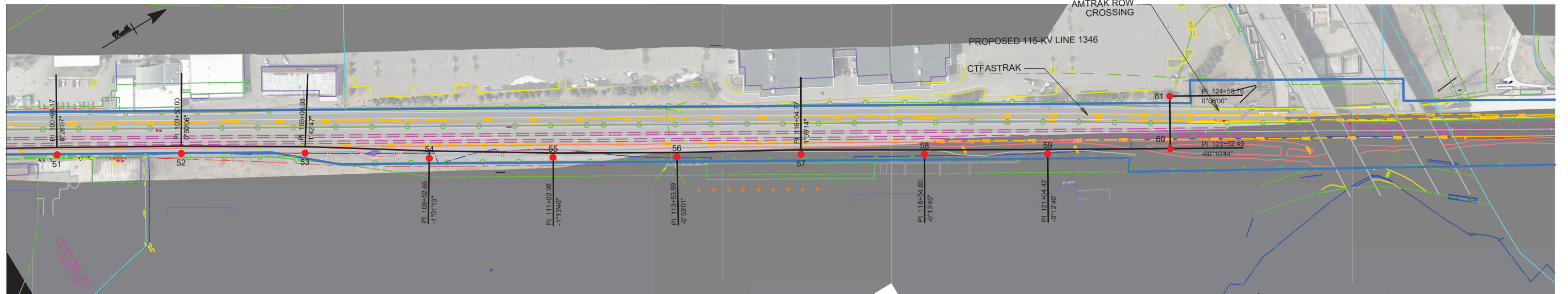
115-kV LINE 1346

PLAN AND PROFILE

CT

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V-SCALE: 1" = 80'	V.S.:	R.E. DWG	
R.E. PROJ. NUMBER	DWG NO. 01245-10011 PG006		

NOT ISSUED FOR CONSTRUCTION



LEGEND

PROPOSED 115-kV CENTERLINE	—	RIPRAP OUTLINE	- · - · -	DISTRIBUTION CROSSING	+
OUTER EDGES OF THE RAILS	- - - - -	FENCE	—○—○—	PI LOCATION	△
RAILROAD R.O.W. LINE	—	EXISTING ACCESS ROAD	—	PROPOSED STRUCTURE LOCATION	●
TOWN BOUNDARIES	- · · · - · · · -	GROUND PROFILE 10' LEFT	—		
EASEMENT BOUNDARIES	- · · · - · · · -	GROUND PROFILE CENTER	—		
UG STORM DRAIN	—SD(C)—	GROUND PROFILE 10' RIGHT	—		
UG FO CABLE	—FO(D)—	OPGW / OHGW @ 60° F	—		
CENTERLINE STORM DITCH	—	CONDUCTOR @ 60° F	—		
PROPERTY LINE	—	CONDUCTOR @ MAX. OP. TEMP. (SEE NOTE 1)	—		

0 200'
HORIZONTAL SCALE

0 80'
VERTICAL SCALE

no.	date	revisions	det	dsn	chk	app
B	08/24/18	90% DESIGN	BMS	DEC	ELM	DEC
A	12/21/17	70% DESIGN	MSP	DEC	ELM	DEC

Exhibit A.6

BURNS & MCDONNELL

84493

date: APRIL 10, 2017
designed: D. CAMPBELL

detailed: M. PEPICH
checked: E. MEYER

EVERSOURCE ENERGY

GREATER HARTFORD-CENTRAL CONNECTICUT RELIABILITY PROJECT

115-kV LINE 1346
PLAN AND PROFILE

CT

BY: BMcD/MSP	CHKD: BMcD/DEC	APP:	APP:
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V-SCALE: 1" = 80'	V.S.:	R.E. DWG	
R.E. PROJ. NUMBER:	DWG NO. 01245-10011 PG007		

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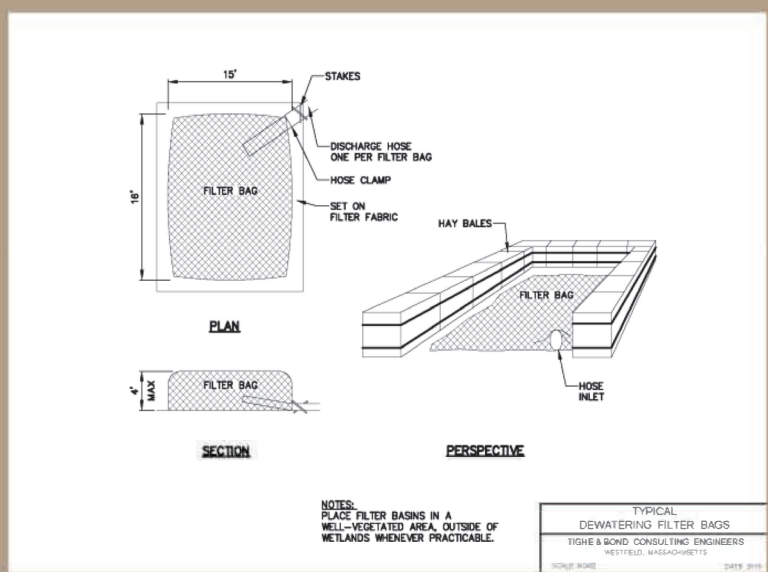
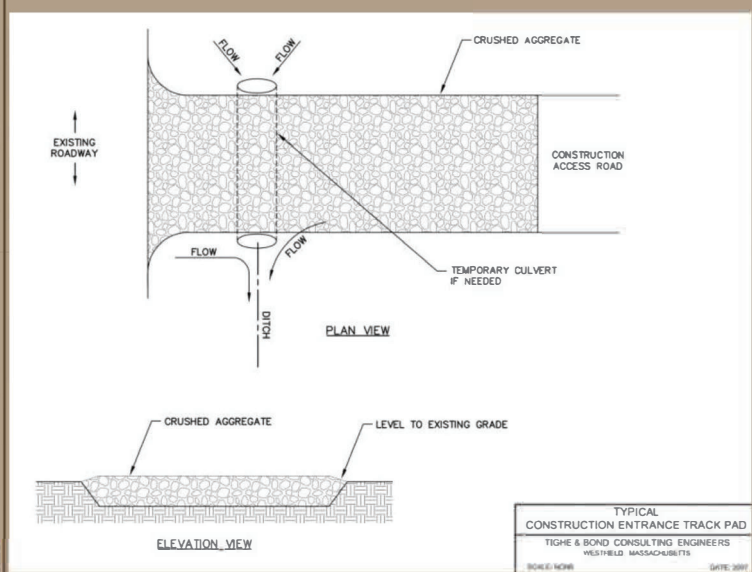
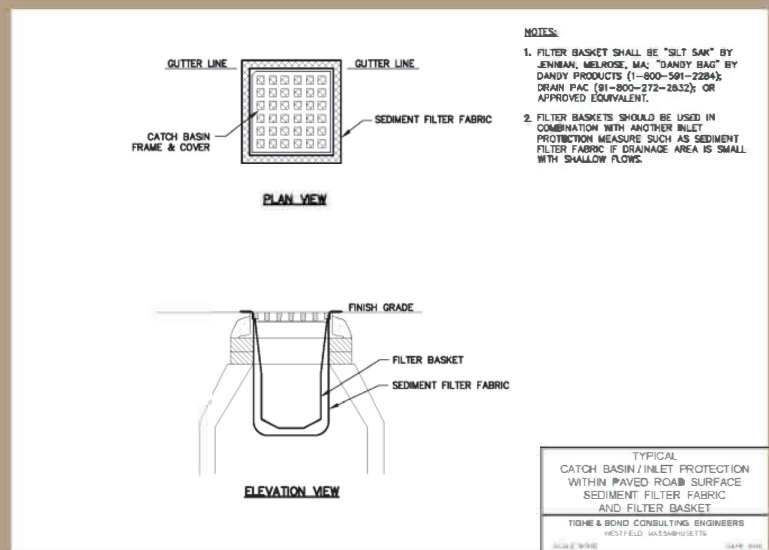
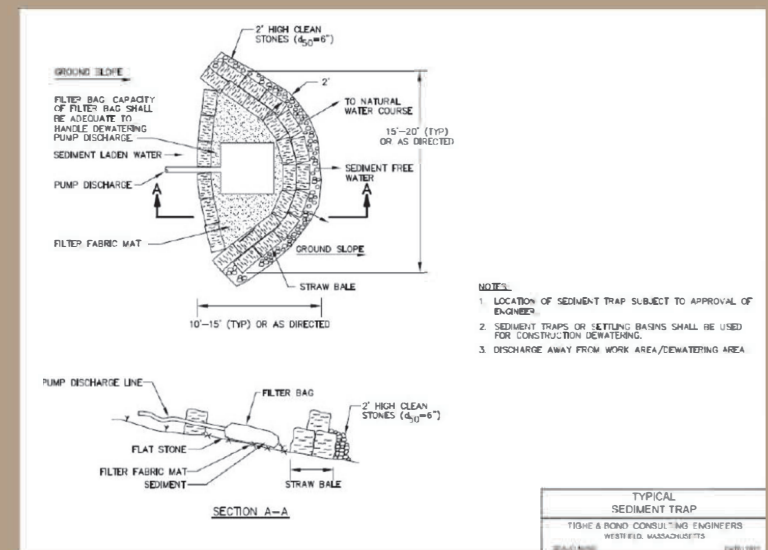
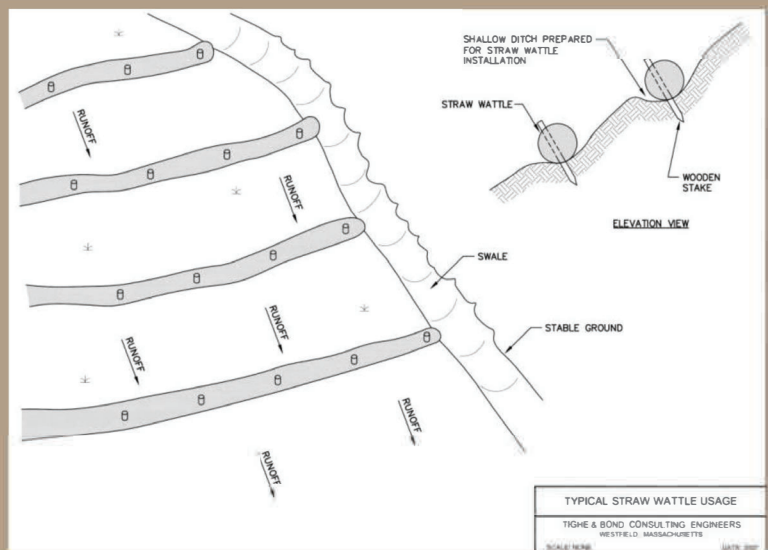
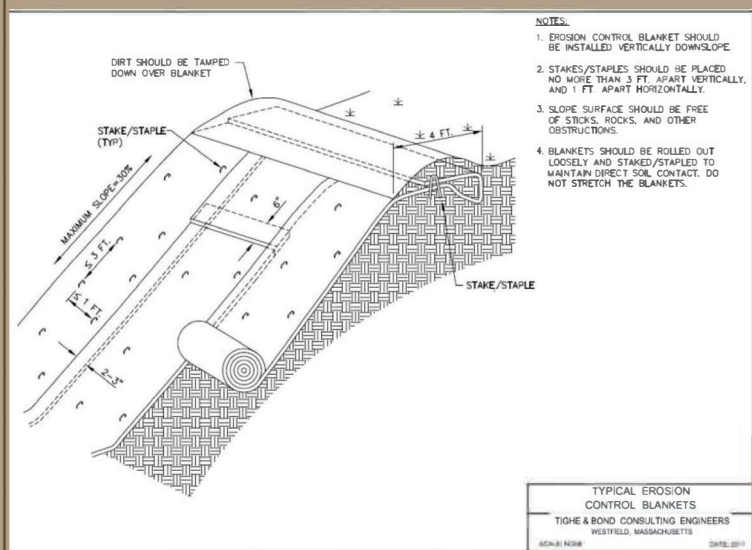
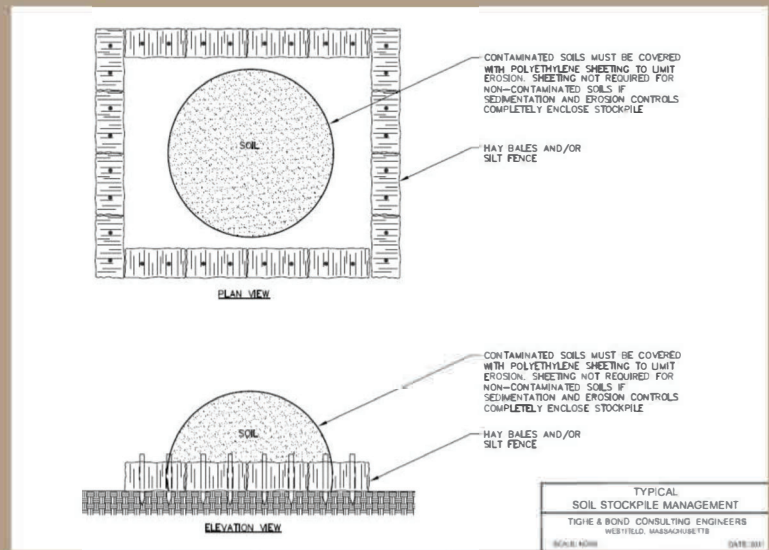
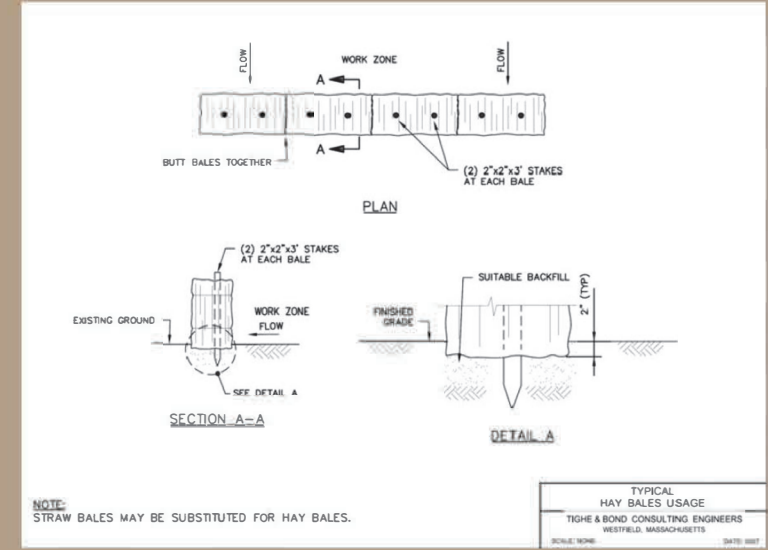
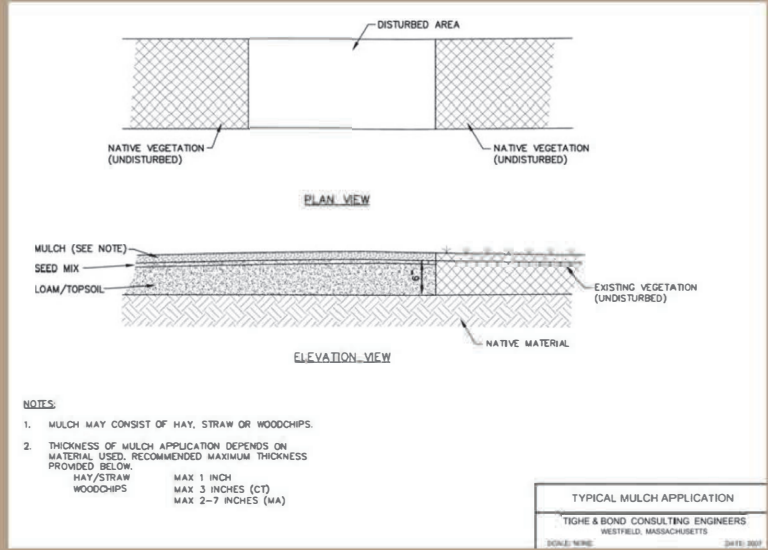
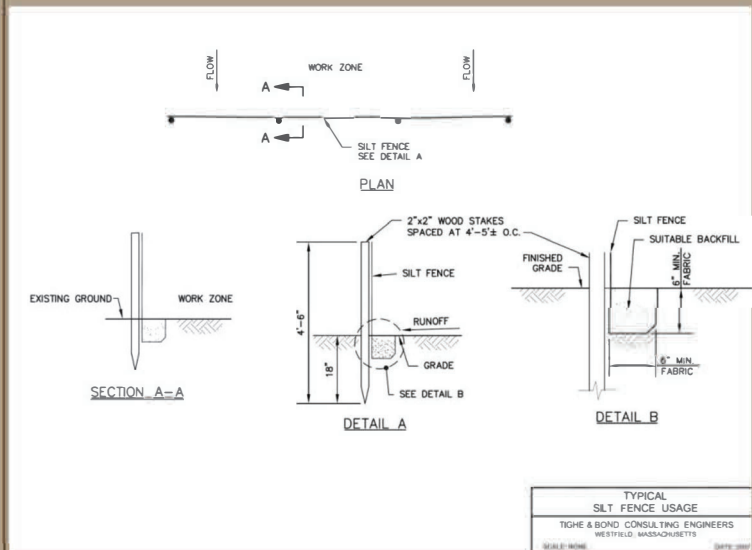
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APPENDIX B

DETAIL SHEETS

- | | |
|---|---|
| 1 | EROSION AND SEDIMENTATION CONTROL PROTOCOLS |
| 2 | EROSION AND SEDIMENTATION CONTROL DETAILS |

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EVERSOURCE

Greater Hartford – Central Connecticut
Reliability Project (GHCRP)
Overhead Segment of the
115-kV Transmission Line
Development and Management Plan

Erosion and Sediment Control Details

Detail Sheet 2 of 2

12/4/2018

AECOM

NO.	DATE	REVISIONS	BY	CHK	APP	APP