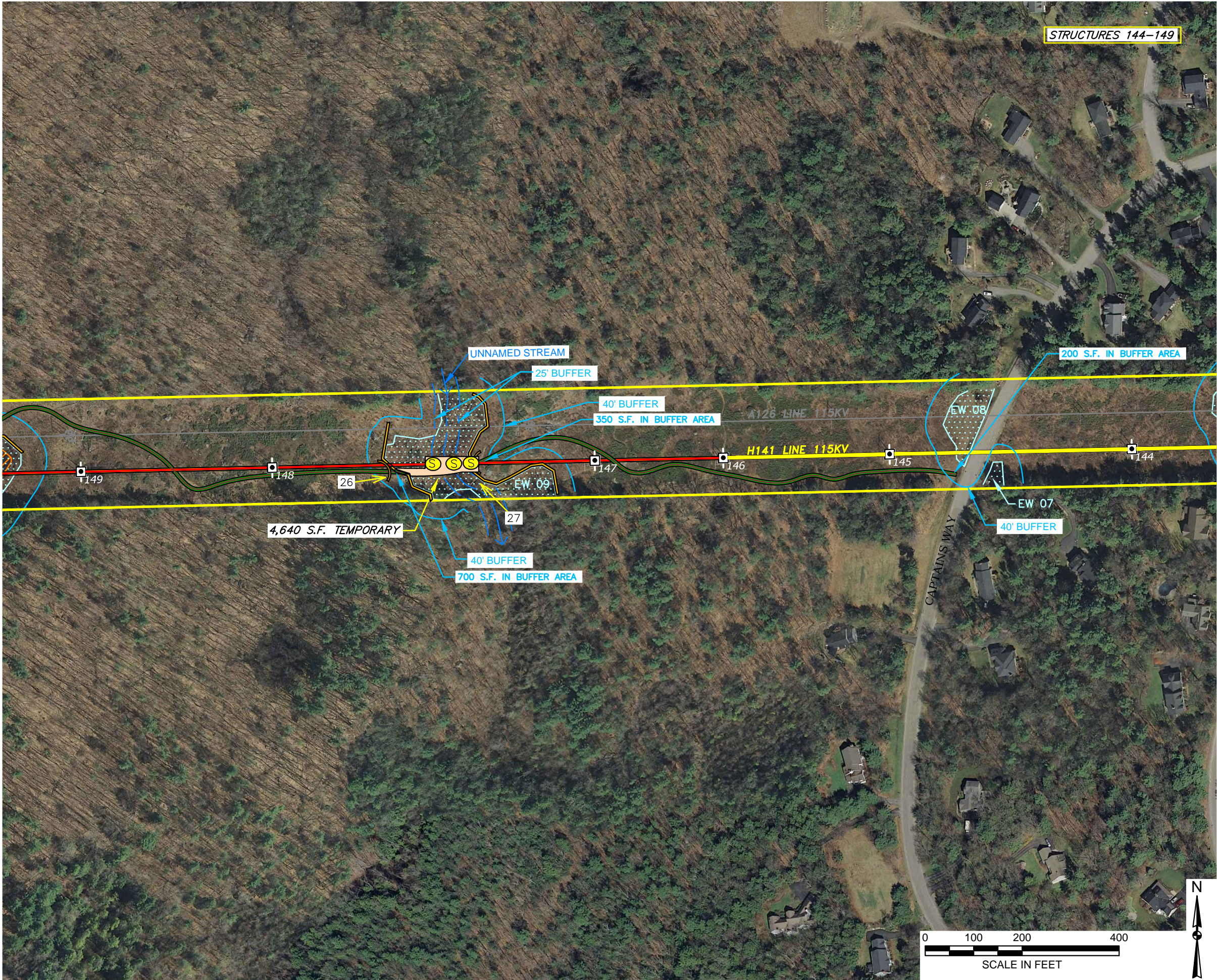


© 2008 - GZA GeoEnvironmental, Inc. GZA - C:\Users\mread\athedra\project\10180\H141 Transmission Line Permitting Plans - 102113.dwg [Figure 3.08] October 22, 2013 - 1:57pm mread.dthd



LEGEND:

- WETLAND DELINEATION
- STREAMS AND BROOKS
- OHW
- ORDINARY HIGH WATER
- HOTL
- HIGHEST OBSERVABLE TIDE LINE
- EDGE OF RIGHT OF WAY
- PROPOSED ROUTE ACCESS ROAD
- H141 LINE 115KV
- EXISTING ROUTE OF TRANSMISSION LINE
- PROPOSED TEMPORARY IMPACT AREA
- PROPOSED MATTING FOR H/A/R AREA
- PHOTO LOCATION
- CONDUCTOR SPLICE APPROXIMATE LOCATION
- DENOTES EXISTING STRUCTURE
- DENOTES REPLACEMENT OF EXISTING STRUCTURE
- RTE PLANT AREA
- STATE THREATENED PLANT OBSERVED
- RTE ANIMAL AREA
- STATE ENDANGERED ANIMAL SPECIES
- H/A/R AREA
- HISTORICAL/ARCHEOLOGICAL RESOURCES AREA
- RTE COMMUNITY
- STATE EXEMPLARY COMMUNITY
- PROPOSED STUMP GRINDINGS
- PROPOSED EROSION CONTROL BARRIER

US FISH & WILDLIFE SERVICE CLASSIFICATION


- P = PALUSTRINE WETLAND SYSTEM
- UB = UNCONSOLIDATED BOTTOM
- EM = EMERGENT
- 1 = PERSISTENT
- SS = SCRUB-SHRUB
- 1 = BROAD-LEAVED DECIDUOUS
- E = SEASONALLY FLOODED OR SATURATED
- F = SEMIPERMANENTLY FLOODED
- D = PARTIALLY DRAINED/DITCH

EW = EXETER WETLAND

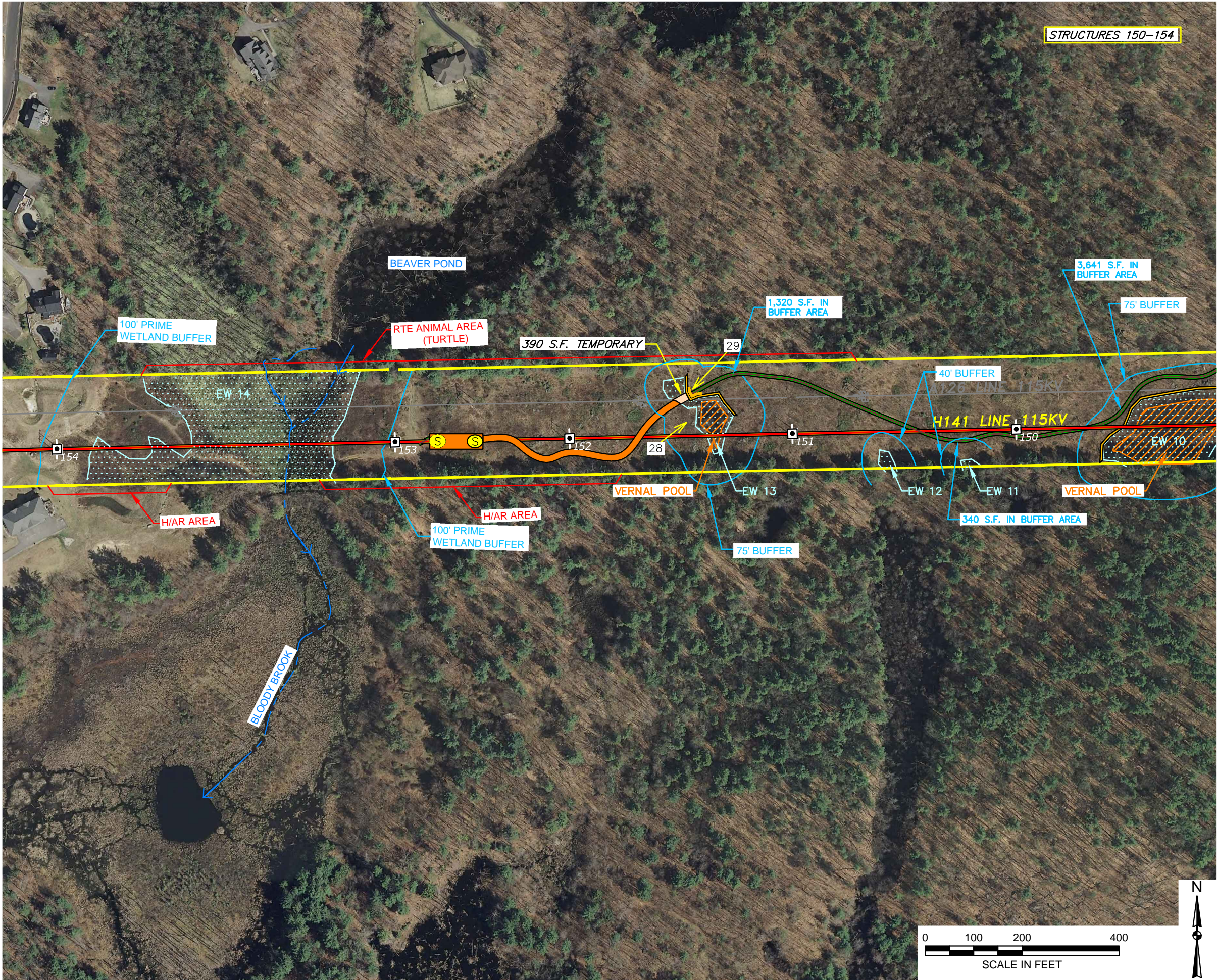
WETLANDS CLASSIFICATION

- EW 06 PUBD; PSS1E
- EW 07 PSS1E
- EW 08 PSS1E
- EW 09 PSS1E/PEM1E
- EW 10 PEM1E/F

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NO.	ISSUE/DESCRIPTION	BY	DATE
PSNH THERMAL UPRATE OF H141/R193 115KV TRANSMISSION LINES TO GREAT BAY SUBSTATION DANVILLE, FREMONT, BRENTWOOD, EXETER AND STRATHAM, NEW HAMPSHIRE			
ENVIRONMENTAL PERMITTING PLANS			
PREPARED BY:  GZA GeoEnvironmental, Inc. Engineers and Scientists 380 HARVEY ROAD MANCHESTER, NEW HAMPSHIRE 03103 (603) 623-3600		PREPARED FOR: PUBLIC SERVICE OF NEW HAMPSHIRE	
PROJ MGR:	DMZ	REVIEWED BY:	SLT
DESIGNED BY:	DMZ	DRAWN BY:	MR
DATE	OCTOBER 2013	PROJECT NO.	04.0029840.00/01
		CHECKED BY:	JCM
		SCALE:	1" = 200'
		REVISION NO.	
FIGURE			3.08
			SHEET NO.

© 2009 - GZA GeoEnvironmental, Inc. GZA - C:\Users\jmhread\appdata\local\Temp\AcadPlot_10180\H141 Transmission Line Permitting Plans - 102113.dwg [Figure 3.09] October 22, 2013 - 1:57pm mread.dhdc



LEGEND:

- WETLAND DELINEATION
- STREAMS AND BROOKS
- ORDINARY HIGH WATER
- HIGHEST OBSERVABLE TIDE LINE
- EDGE OF RIGHT OF WAY
- PROPOSED ROUTE ACCESS ROAD
- EXISTING ROUTE OF TRANSMISSION LINE
- PROPOSED TEMPORARY IMPACT AREA
- PROPOSED MATTING FOR H/AR AREA
- PHOTO LOCATION
- CONDUCTOR SPLICE APPROXIMATE LOCATION
- DENOTES EXISTING STRUCTURE
- DENOTES REPLACEMENT OF EXISTING STRUCTURE
- STATE THREATENED PLANT OBSERVED
- STATE ENDANGERED ANIMAL SPECIES
- HISTORICAL/ARCHEOLOGICAL RESOURCES AREA
- STATE EXEMPLARY COMMUNITY
- PROPOSED STUMP GRINDINGS
- PROPOSED EROSION CONTROL BARRIER

US FISH & WILDLIFE SERVICE CLASSIFICATION

P = PALUSTRINE WETLAND SYSTEM
EM = EMERGENT
1 = PERSISTENT
SS = SCRUB-SHRUB
1 = BROAD-LEAVED DECIDUOUS
E = SEASONALLY FLOODED OR SATURATED
F = SEMIPERMANENTLY FLOODED

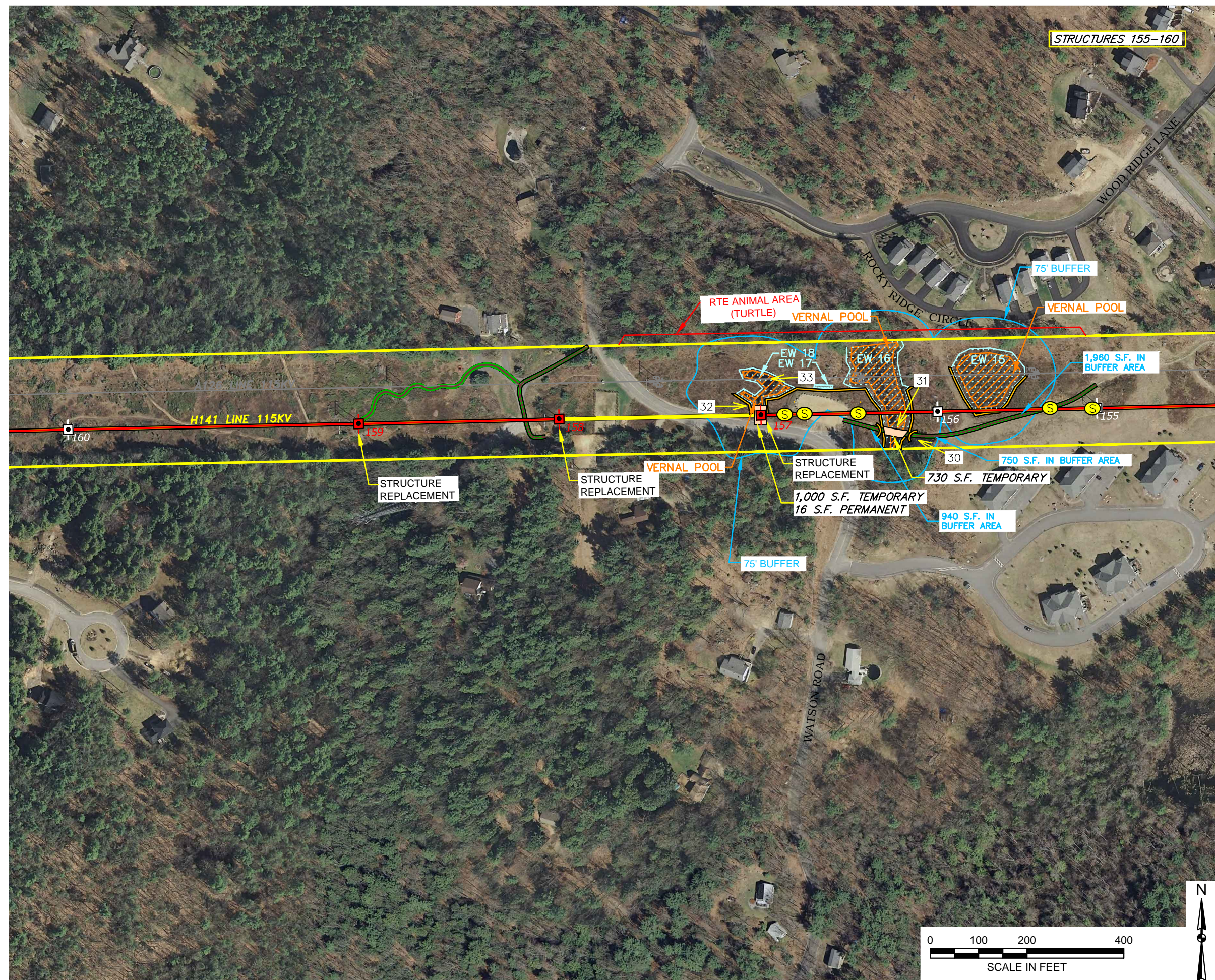
EW = EXETER WETLAND

WETLANDS CLASSIFICATION

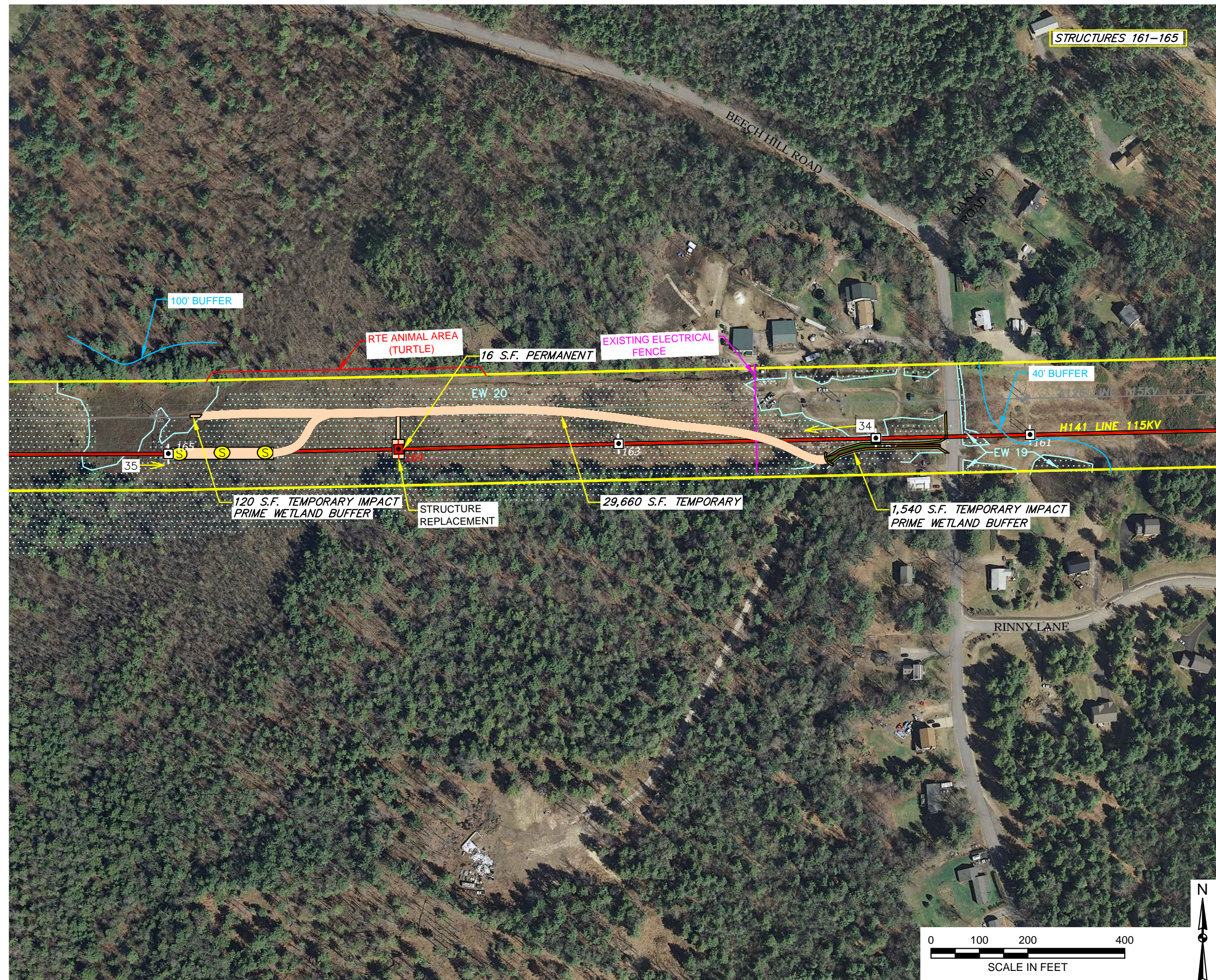
EW 10	PSS1E/F
EW 11	PSS1E
EW 12	PSS1E
EW 13	PSS/EM1E
EW 14	PEM1F

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ENVIRONMENTAL PERMITTING PLANS			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists 380 HARVEY ROAD MANCHESTER, NEW HAMPSHIRE 03103 (603) 623-3600		PREPARED FOR: PUBLIC SERVICE OF NEW HAMPSHIRE	
PROJ MGR: DMZ	REVIEWED BY: SLT	CHECKED BY: JCM	FIGURE 3.09
DESIGNED BY: DMZ	DRAWN BY: MR	SCALE: 1" = 200'	SHEET NO.
DATE: OCTOBER 2013	PROJECT NO.: 04.0029840.00/01	REVISION NO.	



LEGEND:




LEGEND:

US FISH & WILDLIFE SERVICE CLASSIFICATION

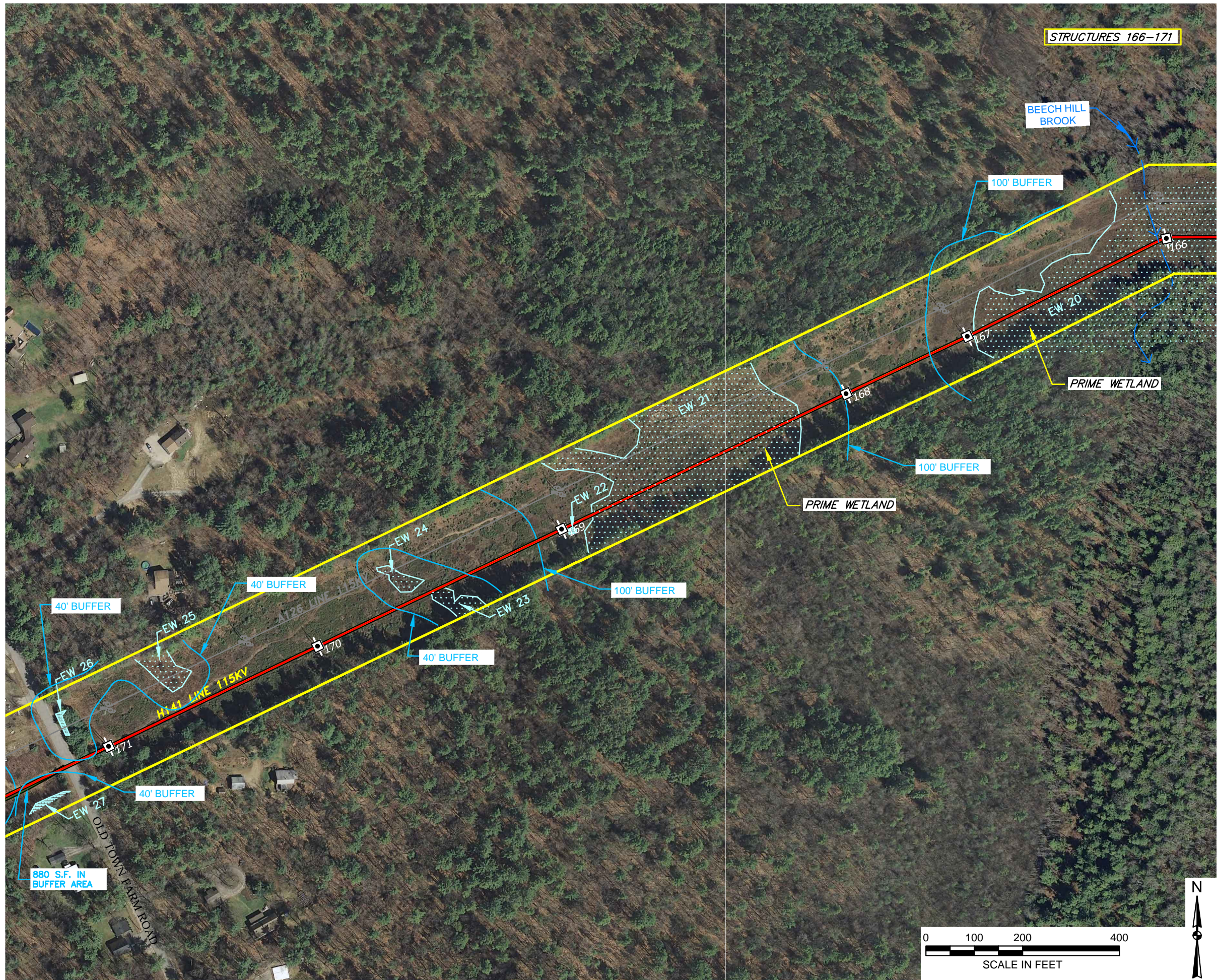
EW = EXETER WETLAND

<u>WETLANDS</u>	<u>CLASSIFICATION</u>
EW 19	PEM1F
EW 20	PSS1E/F

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NO.		ISSUE/DESCRIPTION		BY	DATE
<p align="center">PSNH THERMAL UPRATE OF H141/R193 115KV TRANSMISSION LINES TO GREAT BAY SUBSTATION DANVILLE, FREMONT, BRENTWOOD, EXETER AND STRATHAM, NEW HAMPSHIRE</p>					
<p align="center">ENVIRONMENTAL PERMITTING PLANS</p>					
PREPARED BY:  GZA GeoEnvironmental, Inc. Engineers and Scientists 380 HARVEY ROAD MANCHESTER, NEW HAMPSHIRE 03103 (603) 623-3600			PREPARED FOR: PUBLIC SERVICE OF NEW HAMPSHIRE		
PROJ MGR: DMZ		REVIEWED BY: SLT		CHECKED BY: JCM	
DESIGNED BY: DMZ		DRAWN BY: MR		SCALE: 1" = 200'	
DATE OCTOBER 2013		PROJECT NO. 04.0029840.00/01		REVISION NO.	
				FIGURE <div align="center">3.11</div>	
				SHEET NO.	

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LEGEND:

- WETLAND DELINEATION
- STREAMS AND BROOKS
- OHW
- HOTL
- EDGE OF RIGHT OF WAY
- PROPOSED ROUTE ACCESS ROAD
- H141 LINE 115KV
- EXISTING ROUTE OF TRANSMISSION LINE
- PROPOSED TEMPORARY IMPACT AREA
- PROPOSED MATTING FOR H/AR AREA
- 1
- PHOTO LOCATION
- S
- CONDUCTOR SPLICE APPROXIMATE LOCATION
-
- DENOTES EXISTING STRUCTURE
- 20
- DENOTES REPLACEMENT OF EXISTING STRUCTURE
- RTE PLANT AREA
- STATE THREATENED PLANT OBSERVED
- RTE ANIMAL AREA
- STATE ENDANGERED ANIMAL SPECIES
- H/AR AREA
- HISTORICAL/ARCHEOLOGICAL RESOURCES AREA
- RTE COMMUNITY
- STATE EXEMPLARY COMMUNITY
- PROPOSED STUMP GRINDINGS
- PROPOSED EROSION CONTROL BARRIER

US FISH & WILDLIFE SERVICE CLASSIFICATION

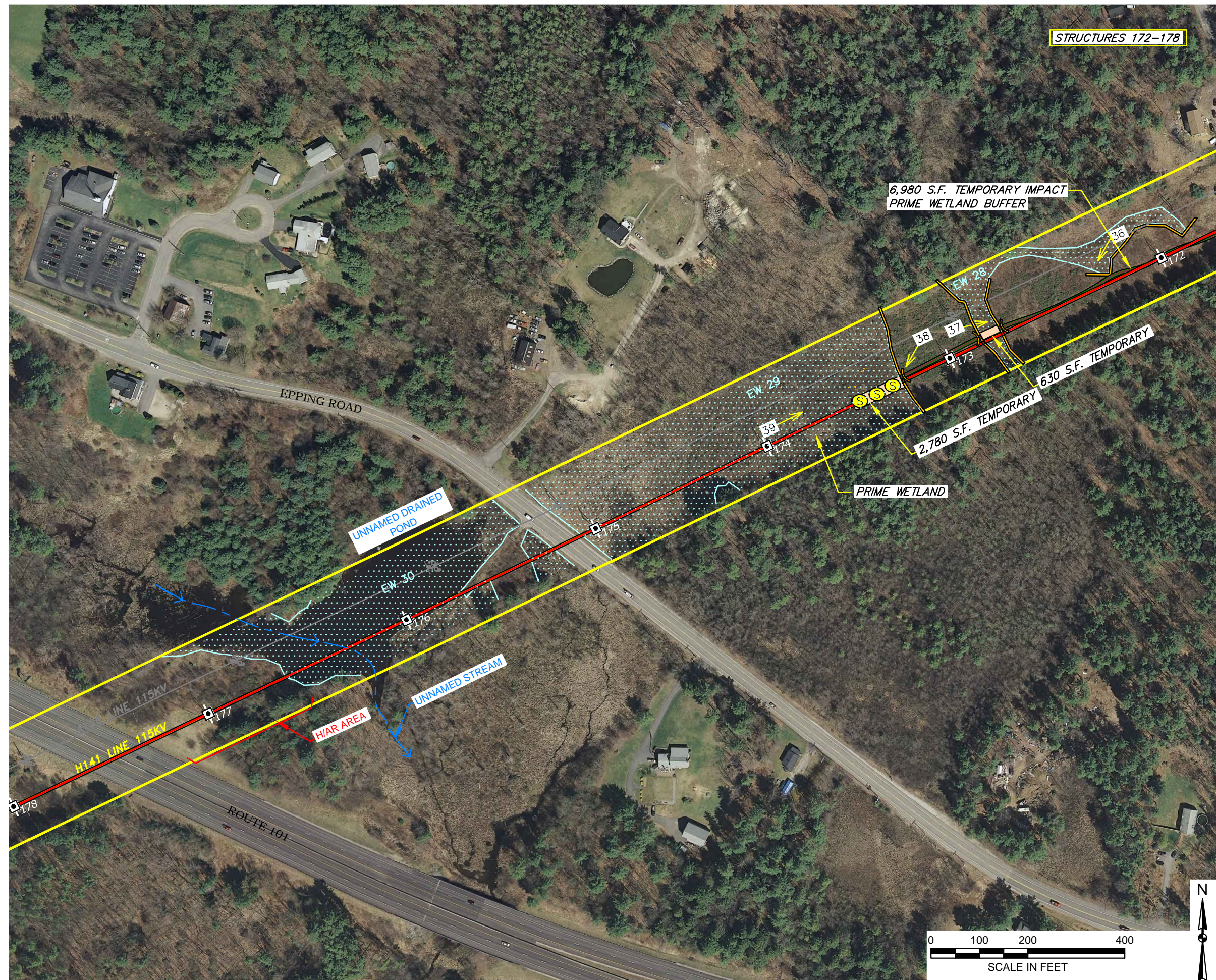
- P = PALUSTRINE WETLAND SYSTEM
- SS = SCRUB-SHRUB
- 1 = BROAD-LEAVED DECIDUOUS
- E = SEASONALLY FLOODED OR SATURATED
- F = SEMIPERMANENTLY FLOODED

EW = EXETER WETLAND

WETLANDS	CLASSIFICATION
EW 20	PSS1E/F
EW 21	PSS1E/F
EW 22	PSS1E/F
EW 23	PSS1E
EW 24	PSS1E
EW 25	PSS1E
EW 26	PSS1E
EW 27	PSS1E

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PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists 380 HARVEY ROAD MANCHESTER, NEW HAMPSHIRE 03103 (603) 623-3600		PREPARED FOR: PUBLIC SERVICE OF NEW HAMPSHIRE	
PROJ MGR: DMZ	REVIEWED BY: SLT	CHECKED BY: JCM	FIGURE 3.12
DESIGNED BY: DMZ	DRAWN BY: MR	SCALE: 1" = 200'	SHEET NO.
DATE: OCTOBER 2013	PROJECT NO.: 04.0029840.00/01	REVISION NO.	




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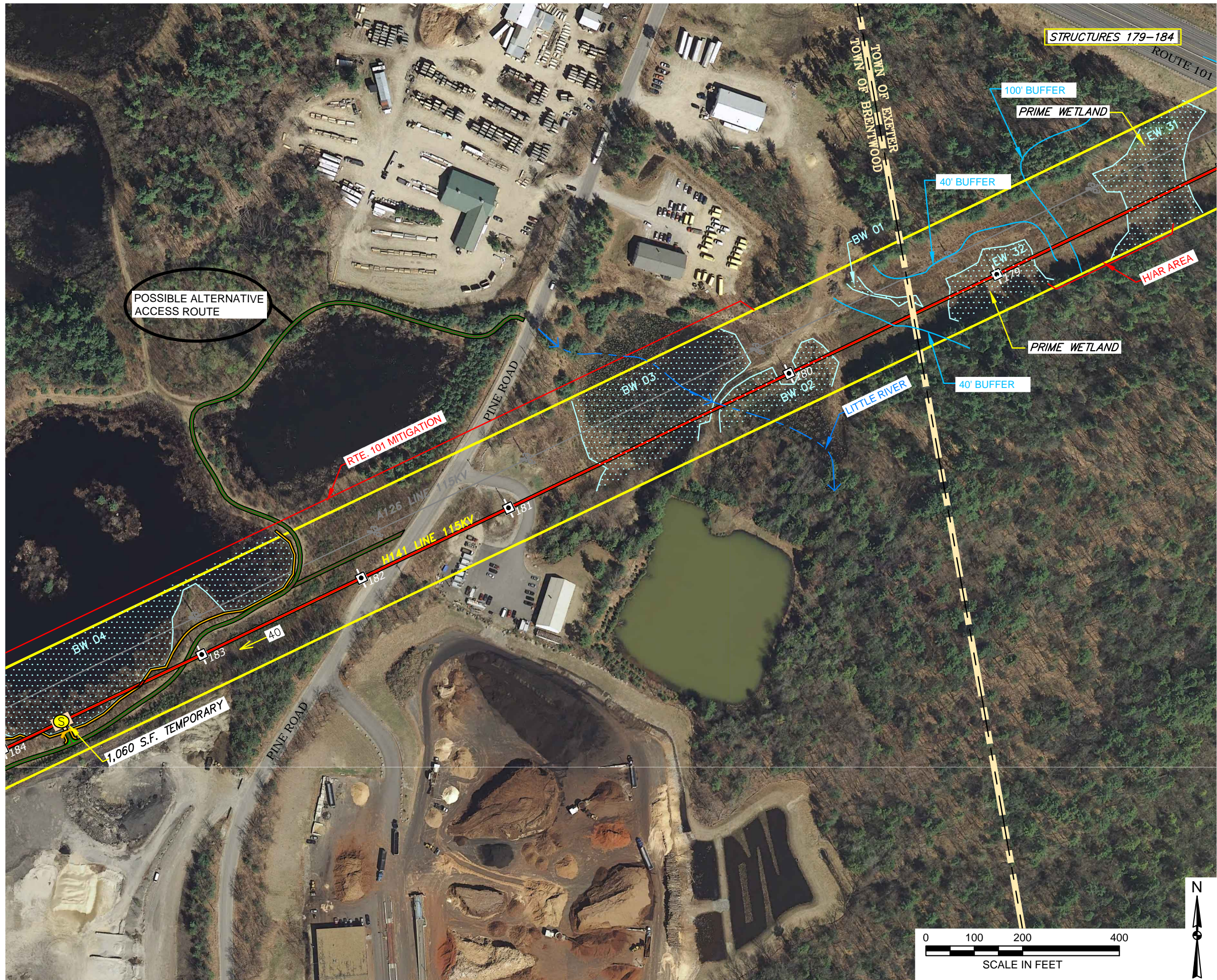
US FISH & WILDLIFE SERVICE CLASSIFICATION

EW = EXETER WETLAND

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DESIGNED BY:	DMZ	DRAWN BY:	MR	SCALE: 1" = 200'
DATE	PROJECT NO.		REVISION NO.	
OCTOBER 2013	04.0029840.00/01			
			FIGURE 3.13 SHEET NO.	

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LEGEND:

- WETLAND DELINEATION
- STREAMS AND BROOKS
- OHW
- HOTL
- EDGE OF RIGHT OF WAY
- PROPOSED ROUTE ACCESS ROAD
- H141 LINE 115KV
- EXISTING ROUTE OF TRANSMISSION LINE
- PROPOSED TEMPORARY IMPACT AREA
- PROPOSED MATTING FOR H/AR AREA
- 1
- PHOTO LOCATION
- S
- CONDUCTOR SPLICE APPROXIMATE LOCATION
-
- DENOTES EXISTING STRUCTURE
- 20
- DENOTES REPLACEMENT OF EXISTING STRUCTURE
- RTE PLANT AREA
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1 = PERSISTENT
SS = SCRUB-SHRUB
1 = BROAD-LEAVED DECIDUOUS
E = SEASONALLY FLOODED OR SATURATED
F = SEMIPERMANENTLY FLOODED

OW = OPEN WATER
EW = EXETER WETLAND
BW = BRENTWOOD WETLAND

WETLANDS	CLASSIFICATION
EW 31	PSS1E
EW 32	PSS1E
BW 01	PSS1E
BW 02	PSS1E
BW 03	PEM1F
BW 04	PEM1F; POW

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PROJ MGR: DMZ	REVIEWED BY: SLT	CHECKED BY: JCM	FIGURE 3.14
DESIGNED BY: DMZ	DRAWN BY: MR	SCALE: 1" = 200'	SHEET NO.
DATE: OCTOBER 2013	PROJECT NO.: 04.0029840.00/01	REVISION NO.	