

11.0 SITE-SPECIFIC RESOURCE CROSSING PLANS

This section contains detailed site-specific resource crossing plans for each impacted wetland and waterbody identified in this application. All plans are presented at a scale of 1 inch = 100 feet, or less, and an index sheet is provided to reference each site-specific crossing plan as it occurs within the proposed project area.

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CANTON MOUNTAIN WIND PROJECT VICINITY MAP



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

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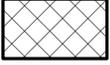
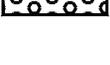
**CANTON MOUNTAIN
WIND PROJECT
RESOURCE CROSSING PLANS
SHEET INDEX**

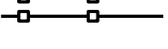
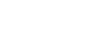
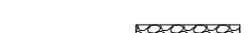
Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC
Project: CANTON MOUNTAIN WIND PROJECT CANTON, ME	

Sheet Number:
1 of 30

Dwg No.: **NRPA-01**

LEGEND

	PFO
	PEM
	PSS
	WSS-PFO
	WSS-PEM
	WSS-PSS
	MDEP JURISDICTIONAL STREAM
	WETLAND FILL
	CONVERSION OF PFO TO PSS
	TEMPORARY VEGETATION CLEARING
	CULVERT/BRIDGE STRUCTURE

	EXISTING EDGE OF ROAD
	EXISTING TREE LINE
	MDEP JURISDICTIONAL STREAM
	EROSION CONTROL BERM
	CLEARING LIMITS
	GRADING LIMITS
	PROPOSED EDGE OF ROAD
	OVERHEAD ELECTRIC LINE
	EXISTING CULVERT REPLACEMENT
	ROCK SANDWICH/ROCK MAKI
	TEMP. CONSTRUCTION ACCESS
	TIMBER MAT

TRANSMISSION LINE CONSTRUCTION NOTES:

1. THE FOLLOWING MEANS AND METHODS ARE TO BE EMPLOYED DURING THE CONSTRUCTION OF THE TRANSMISSION LINE. THE PROPER TECHNIQUE WILL BE DETERMINED BASED ON THE CONDITIONS IN THE FIELD AFTER CONSULTATION WITH THE ENGINEER AND THIRD PARTY INSPECTOR.
2. IN AREAS SHOWING A HIGH GROUND WATER TABLE OR WHERE HIGH WATER TABLE IS SUSPECTED, TIMBER MATTING CAN BE USED TO AVOID DAMAGING THE EXISTING SURFACE.
3. IN AREAS WHERE THERE IS A HIGH POSSIBILITY OF EROSION, EROSION CONTROL BARRIERS SHOULD BE INSTALLED.
4. IF UNDERDRAINAGE IS OPENED DURING THE COURSE OF CONSTRUCTION, SLASH CAN BE USED TO SEAL THE RUT.
5. ANY AREA THAT IS DAMAGED DURING CONSTRUCTION MUST BE RESTORED UPON COMPLETION.

GENERAL NOTES:

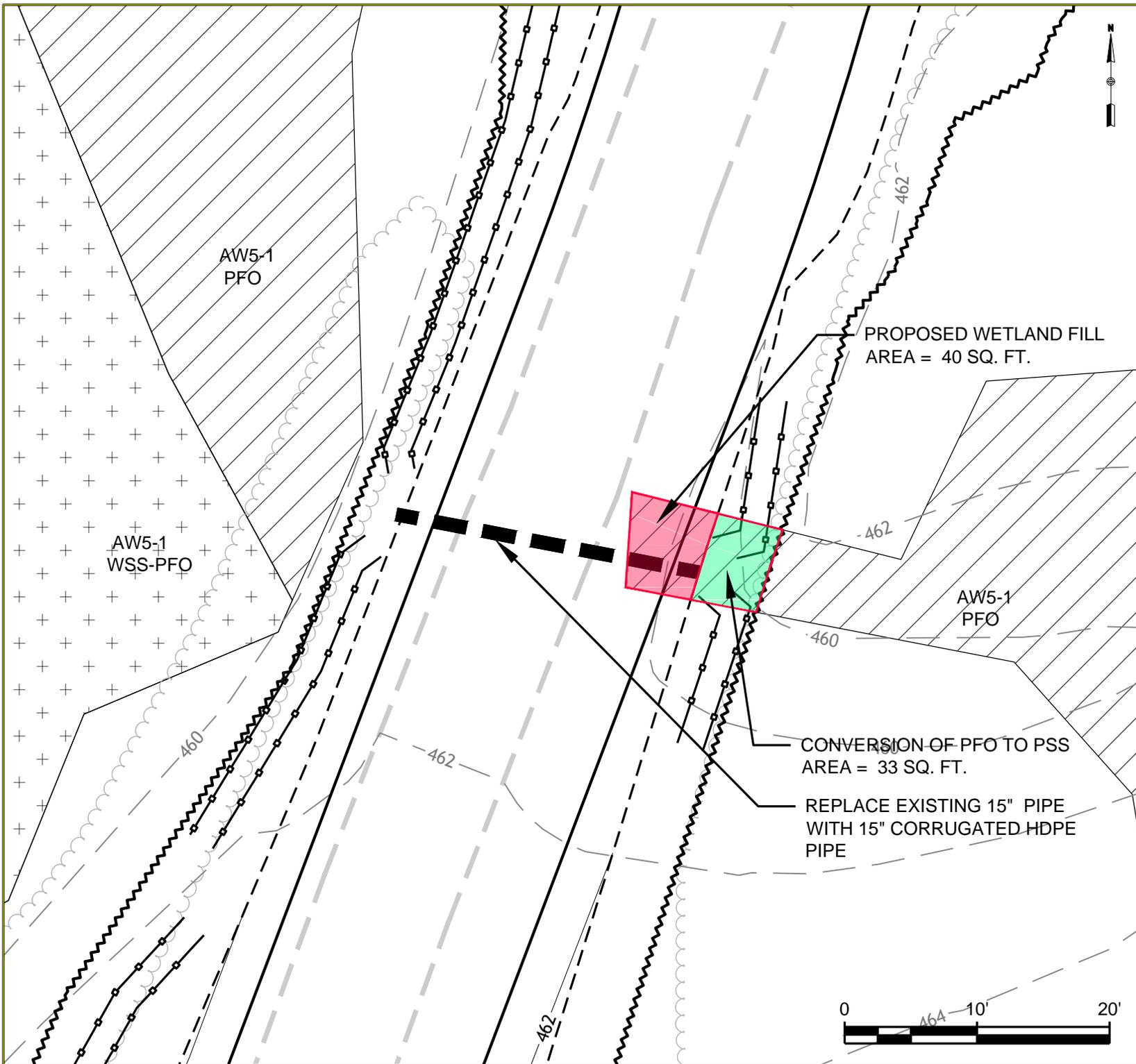
1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
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6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date
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Drawing Title:
**CANTON MOUNTAIN WIND PROJECT
 RESOURCE CROSSING PLANS**
 LEGEND/
 GENERAL NOTES

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC
Project: CANTON MOUNTAIN WIND PROJECT CANTON, ME	
Sheet Number: 2 of 30	

Dwg No.: **NRPA-02**



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
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7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

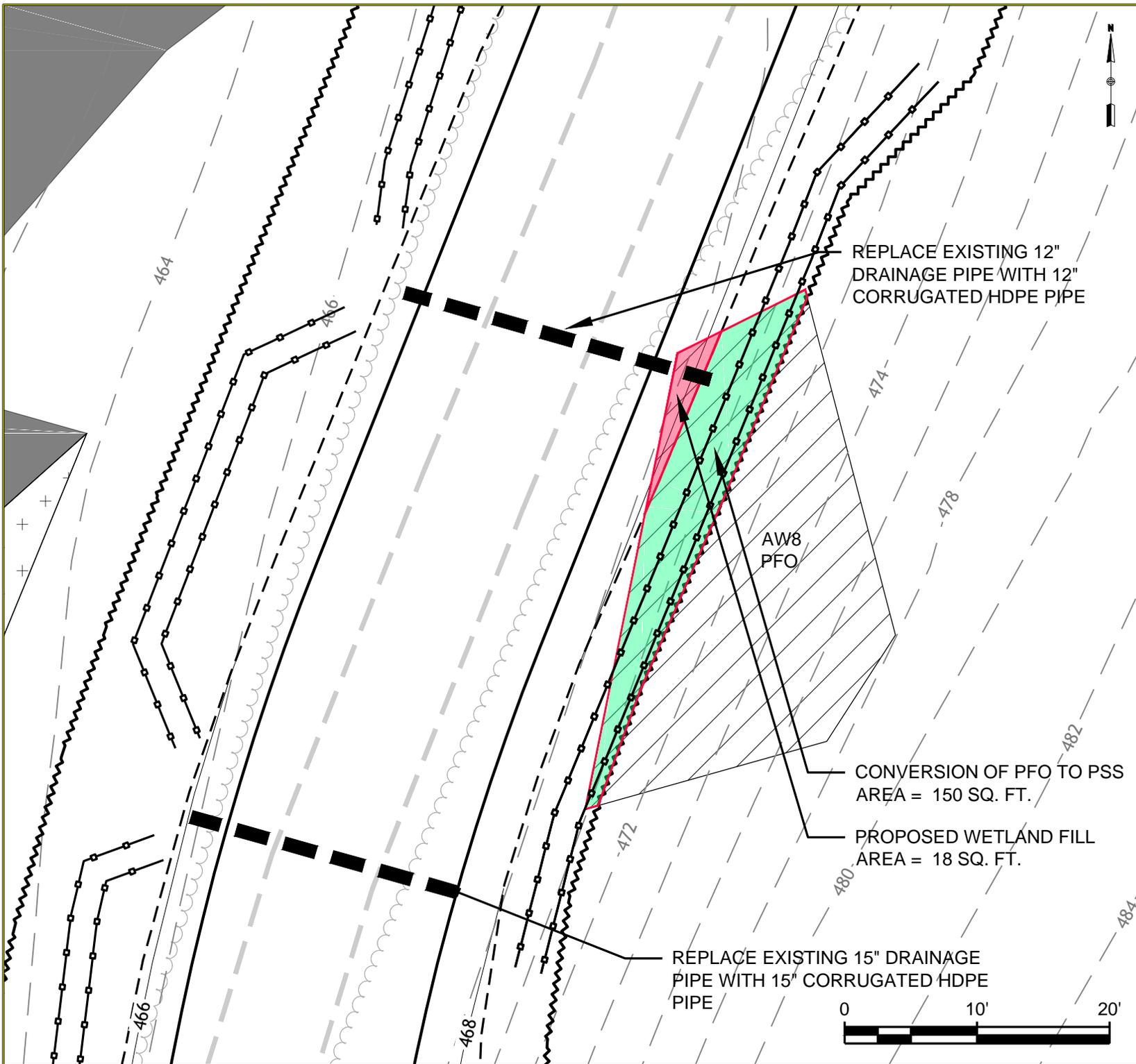
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 RESOURCE CROSSING PLANS
 WETLAND AW5-1**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND PROJECT
 CANTON, ME**

Sheet Number:
 3 of 30

Dwg No.: **NRPA-03**



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
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7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:

**CANTON MOUNTAIN
WIND PROJECT
RESOURCE CROSSING PLANS**

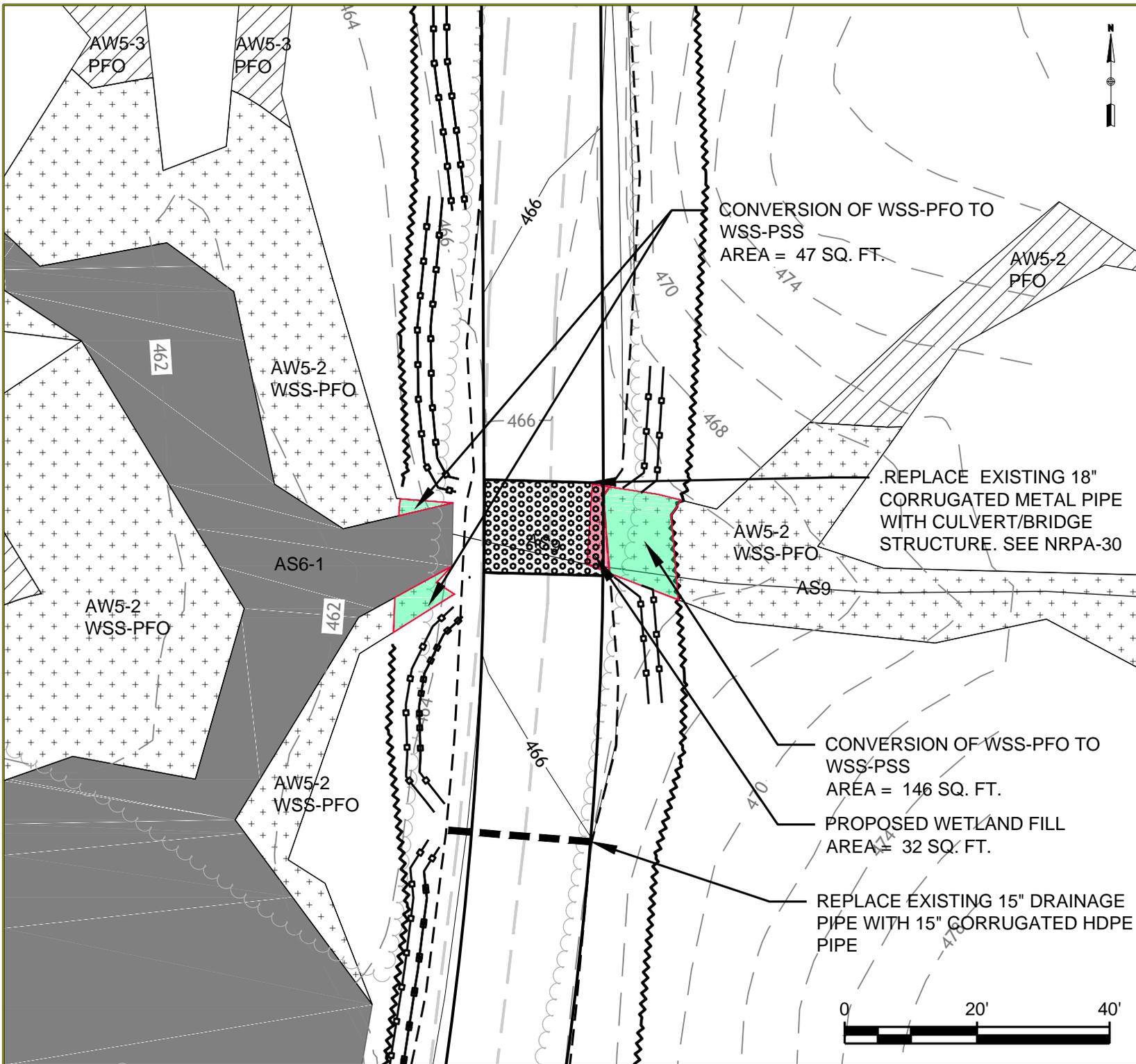
WETLAND AW8

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND
PROJECT
CANTON, ME**

Sheet Number:
4 of 30

Dwg No.: **NRPA-04**



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
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7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

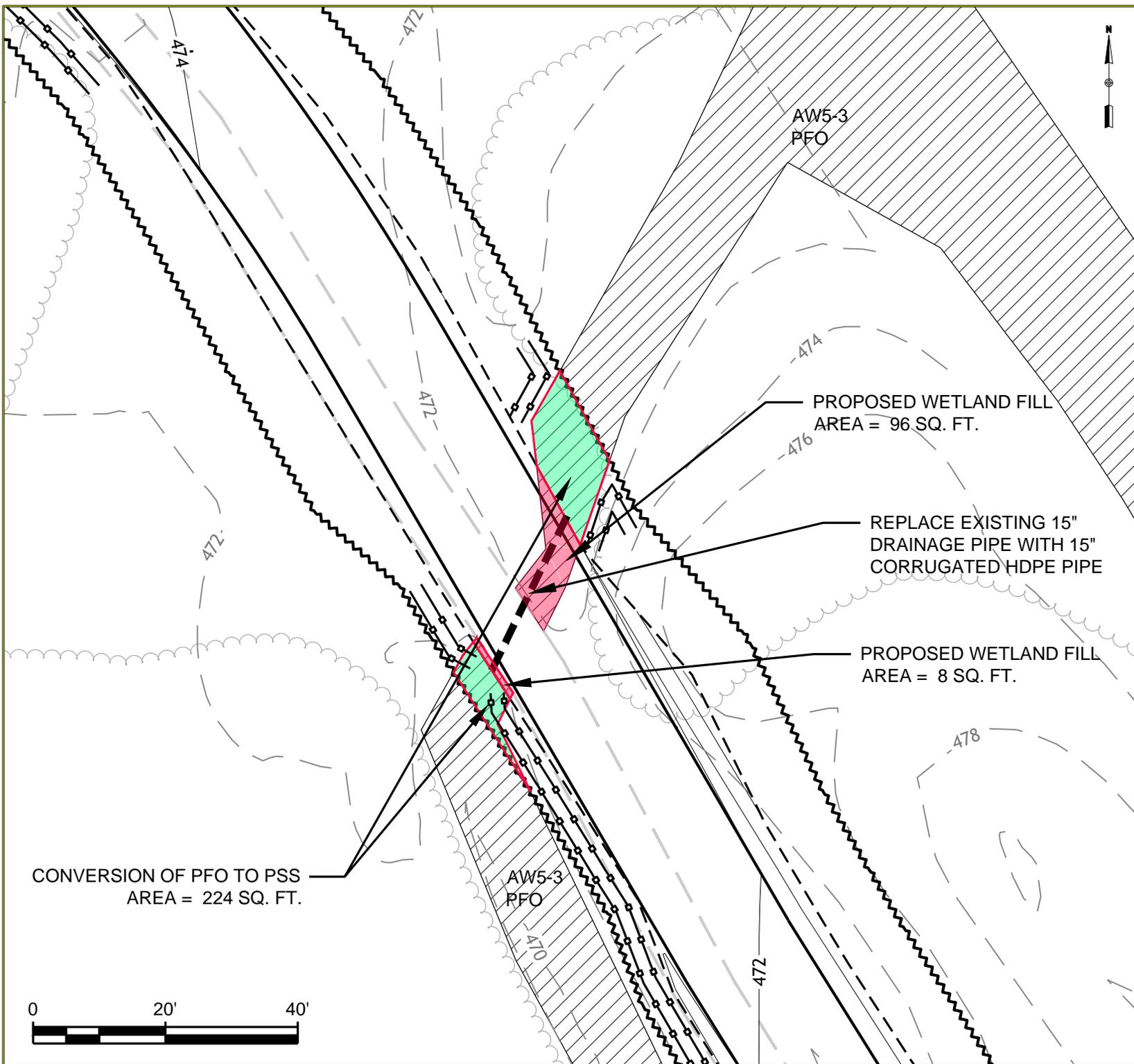
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 RESOURCE CROSSING PLANS
 WETLAND AW5-2
 AND
 STREAM AS9**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC
Project: CANTON MOUNTAIN WIND PROJECT CANTON, ME	

Sheet Number:
5 of 30

Dwg No.: **NRPA-05**





GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
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6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:
**CANTON MOUNTAIN WIND PROJECT
 RESOURCE CROSSING PLANS
 WETLAND AW5-3**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND PROJECT
 CANTON, ME**

Sheet Number:
 6 of 30

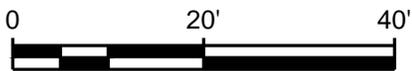
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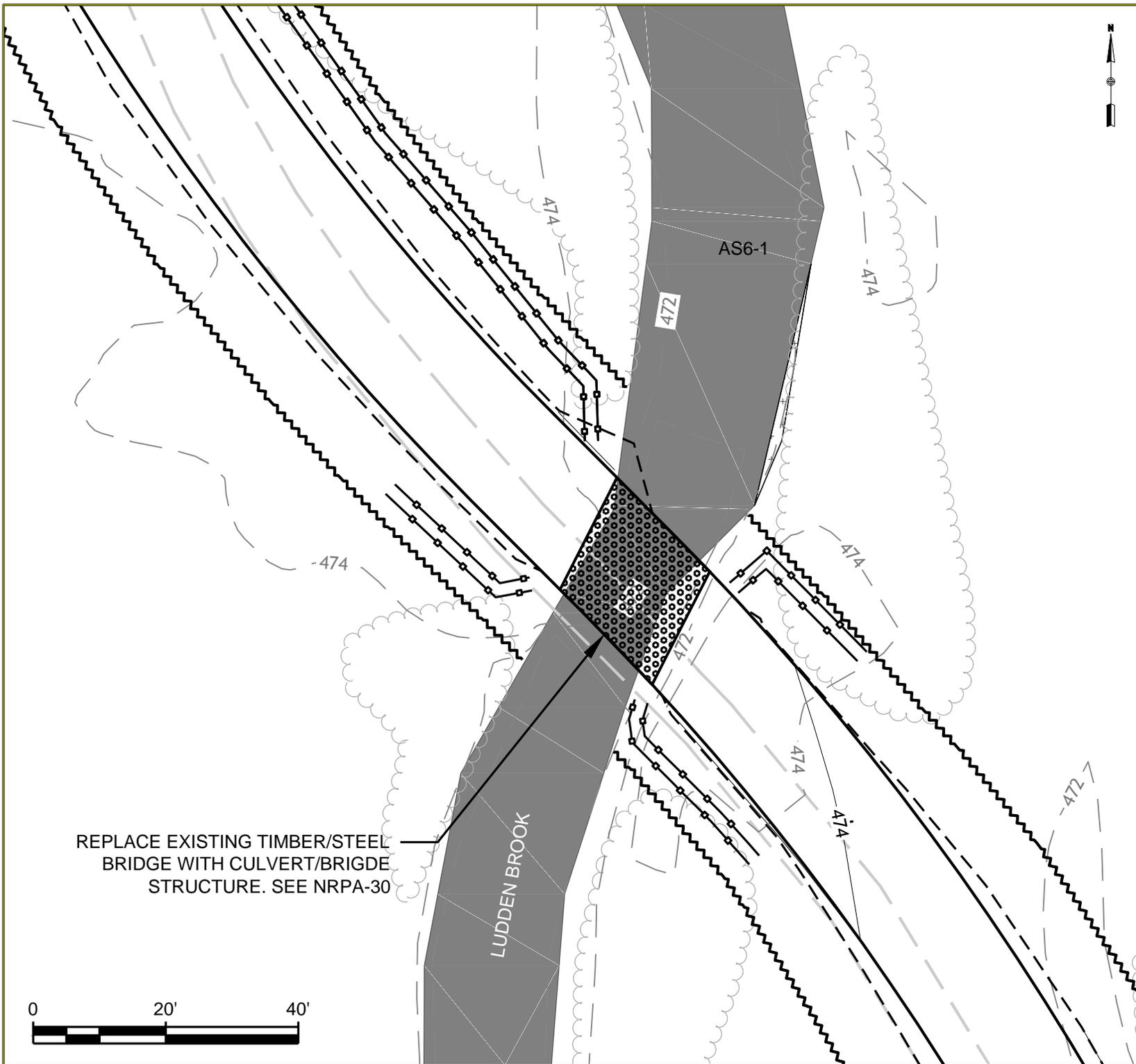
CONVERSION OF PFO TO PSS
 AREA = 224 SQ. FT.

PROPOSED WETLAND FILL
 AREA = 96 SQ. FT.

REPLACE EXISTING 15"
 DRAINAGE PIPE WITH 15"
 CORRUGATED HDPE PIPE

PROPOSED WETLAND FILL
 AREA = 8 SQ. FT.





GENERAL NOTES:

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7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:
**CANTON MOUNTAIN WIND PROJECT
 RESOURCE CROSSING PLANS
 STREAM AS6-1**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

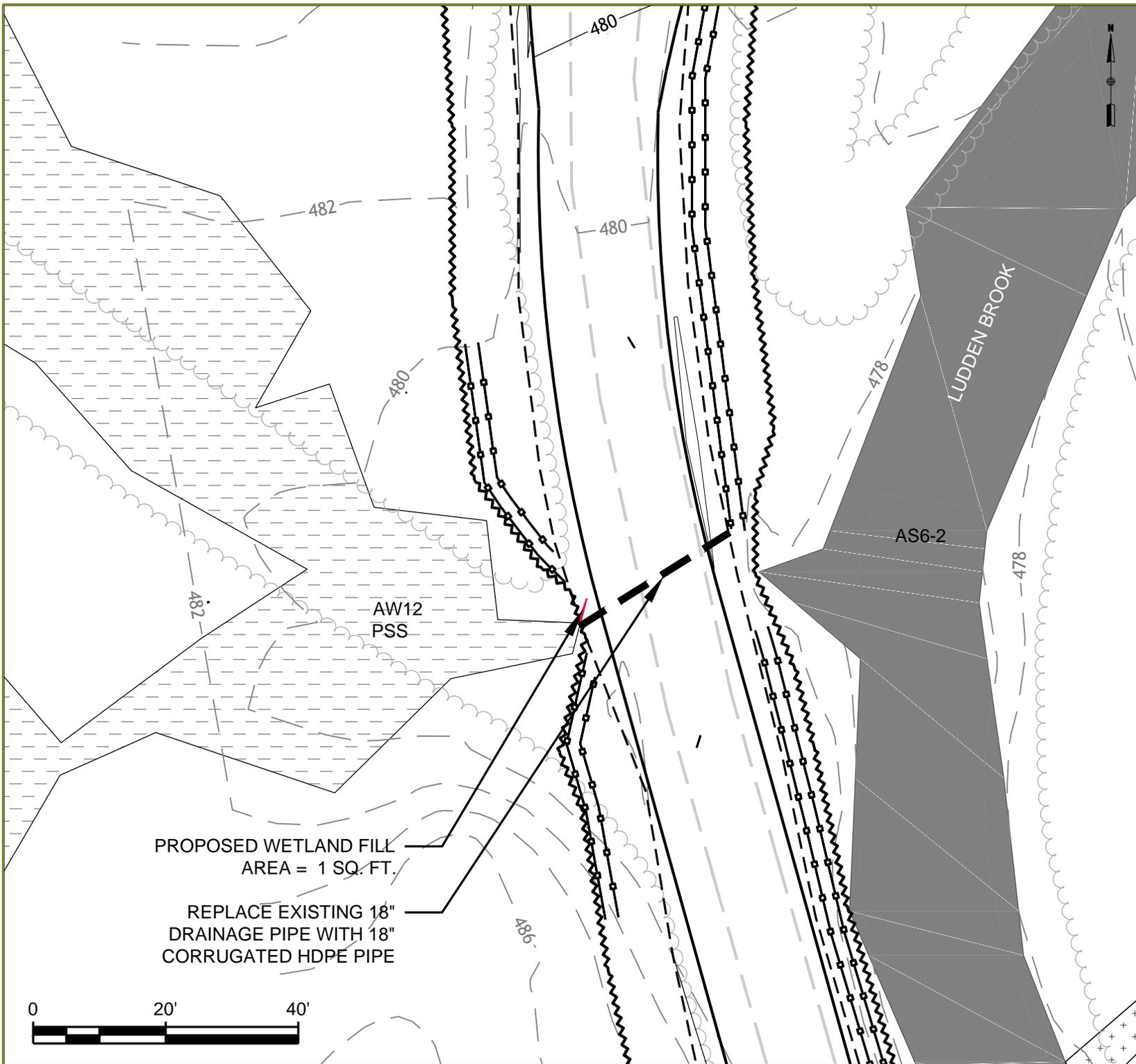
Project:
**CANTON MOUNTAIN WIND PROJECT
 CANTON, ME**

Sheet Number:
 7 of 30

Dwg No.: **NRPA-07**

REPLACE EXISTING TIMBER/STEEL BRIDGE WITH CULVERT/BRIDGE STRUCTURE. SEE NRPA-30





GENERAL NOTES:

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7. REFER TO SHEET 2 FOR LEGEND

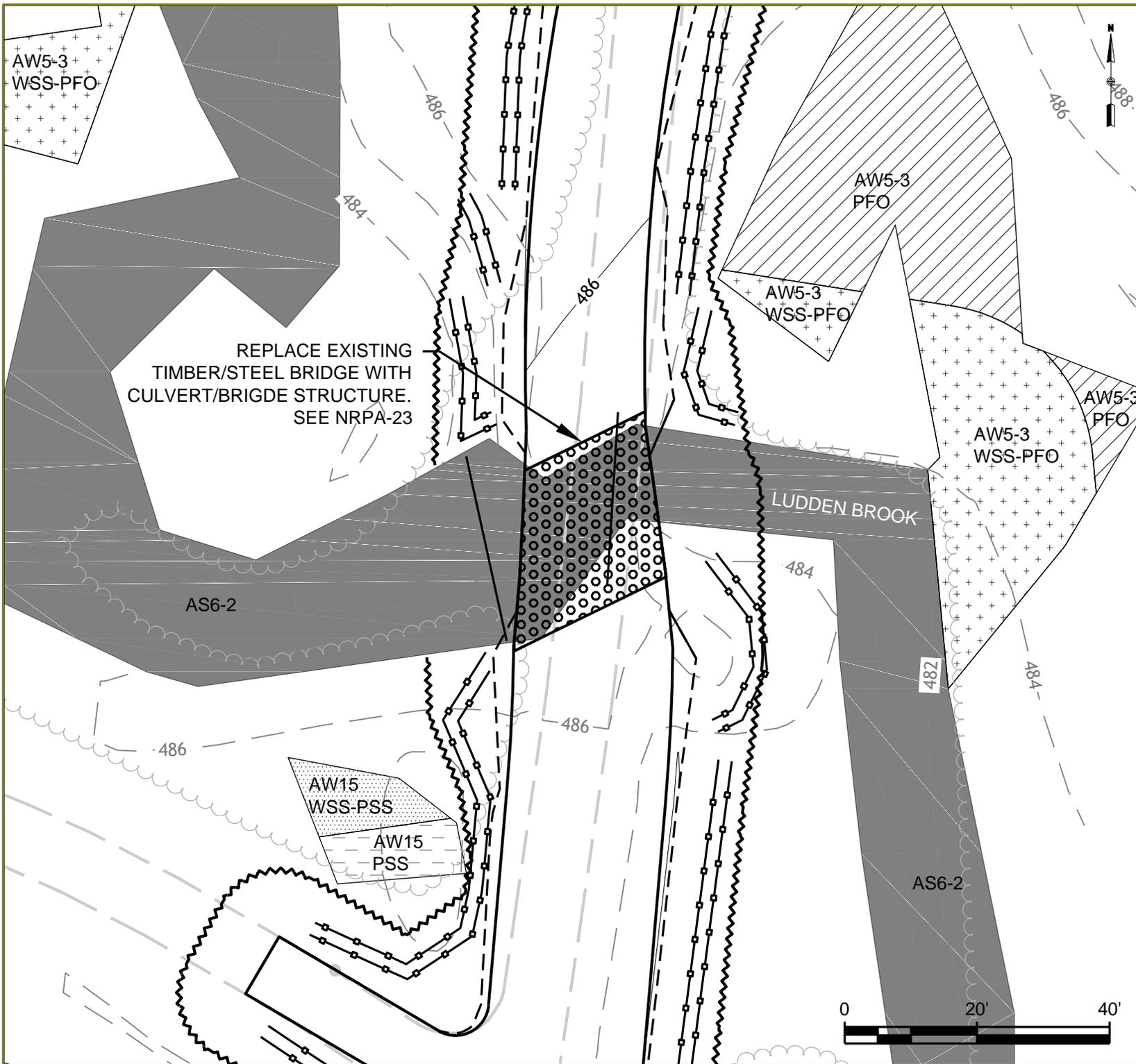
No.	Revision/Issue	Date

Drawing Title:
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 RESOURCE CROSSING PLANS
 WETLAND AW12**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC
Project: CANTON MOUNTAIN WIND PROJECT CANTON, ME	

Sheet Number:
 8 of 30

Dwg No.: **NRPA-08**



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
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7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

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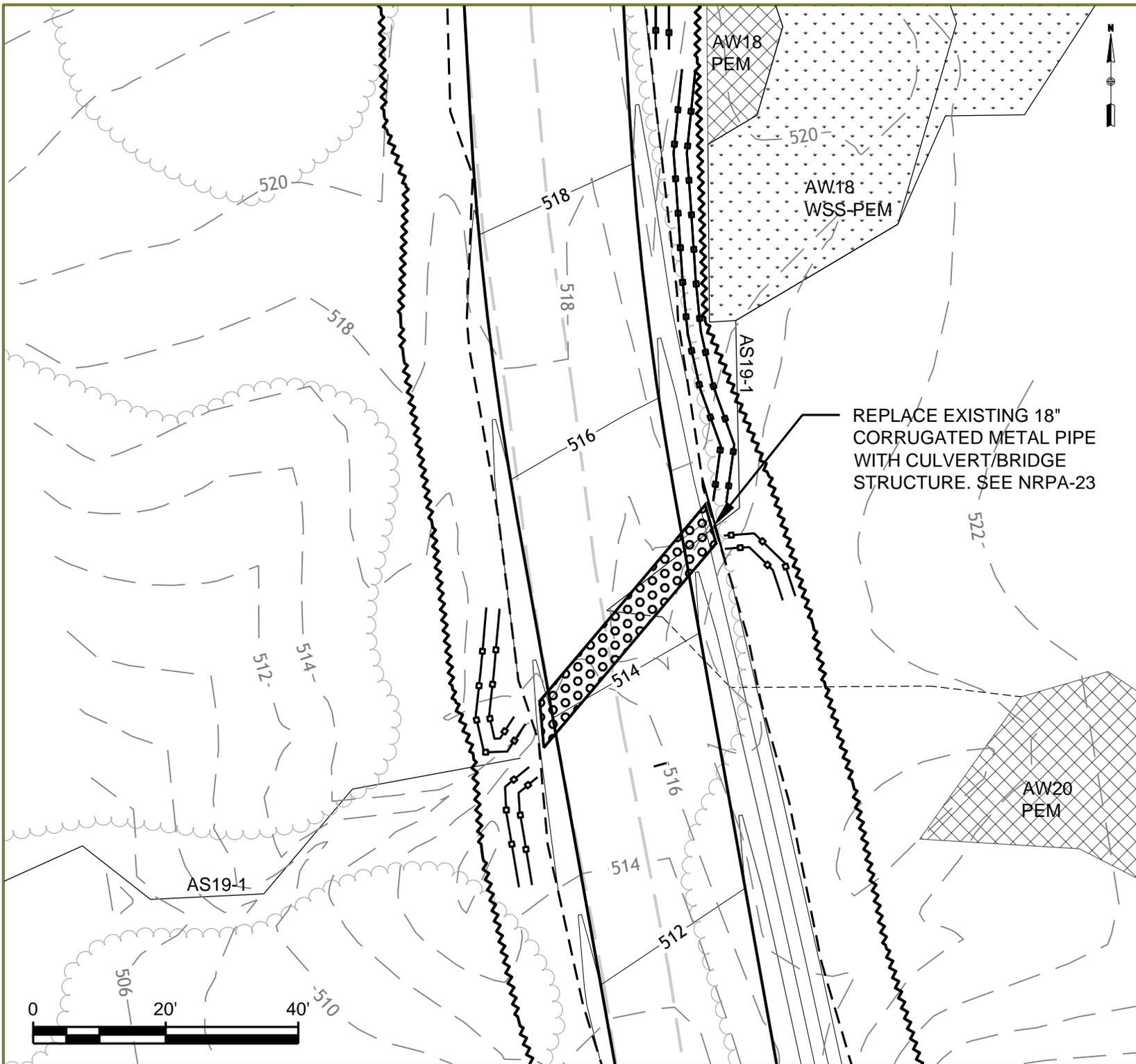
**CANTON MOUNTAIN
WIND PROJECT
RESOURCE CROSSING PLANS
STREAM AS6-2**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND
PROJECT
CANTON, ME**

Sheet Number:
9 of 30

Dwg No.: **NRPA-09**



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
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7. REFER TO SHEET 2 FOR LEGEND



No.	Revision/Issue	Date

Drawing Title:
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 WIND PROJECT
 RESOURCE CROSSING PLANS
 STREAM AS19-1**

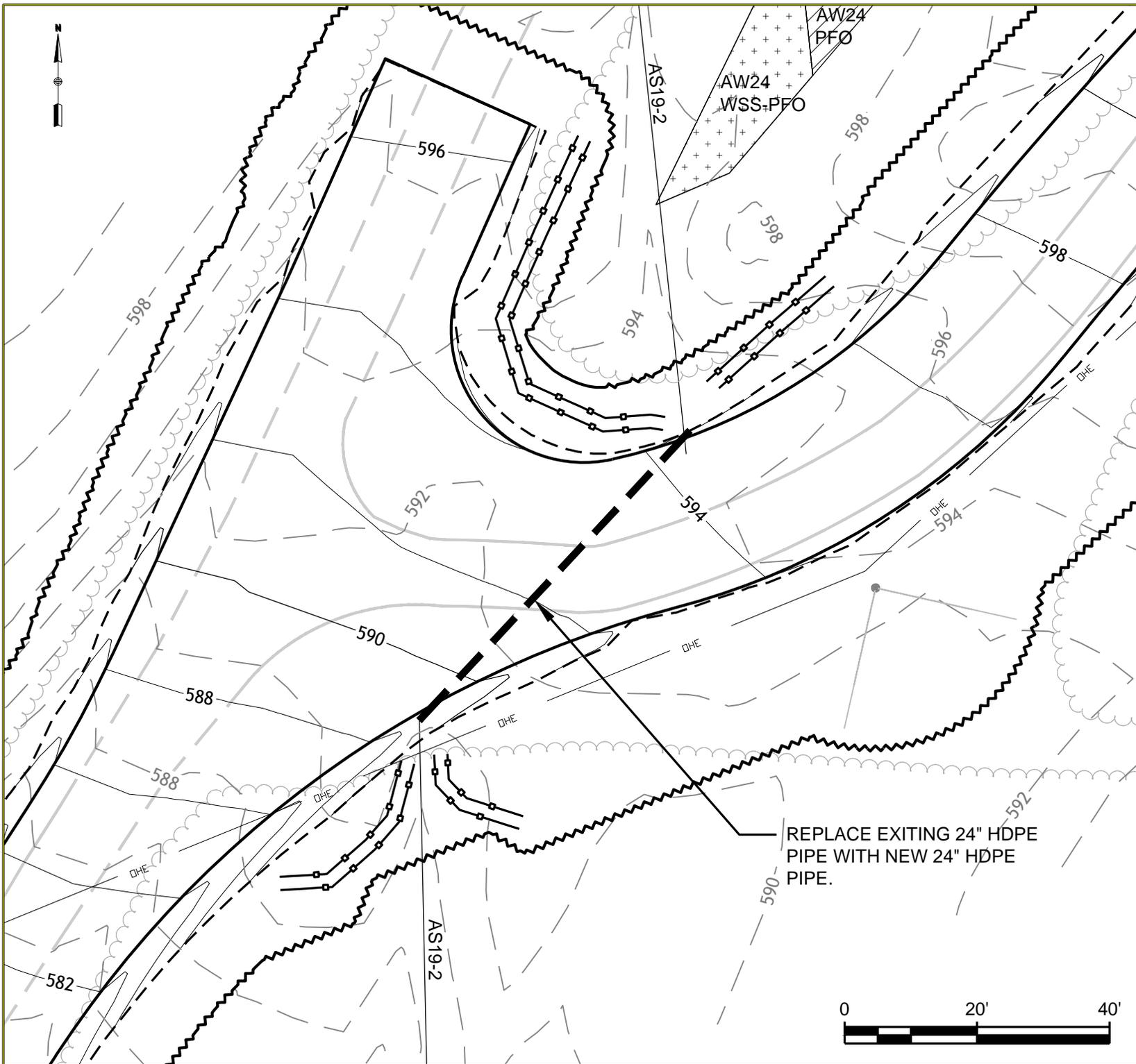
Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND
 PROJECT
 CANTON, ME**

Sheet Number:
 10 of 30

Dwg No.: **NRPA-10**





GENERAL NOTES:

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No.	Revision/Issue	Date

Drawing Title:
**CANTON MOUNTAIN WIND PROJECT
 RESOURCE CROSSING PLANS
 STREAM AS19-2**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND PROJECT
 CANTON, ME**

Sheet Number:
 11 of 30

Dwg No.: **NRPA-11**





REMOVE EXISTING 15" DRAINAGE PIPE. INSTALL ROCK SANDWICH WITH 15" HDPE OUTLET.

PROPOSED TEMPORARY VEGETATION CLEARING AREA = 1240 SQ. FT.

PROPOSED WETLAND FILL AREA = 1120 SQ. FT.

REMOVE EXISTING 18" DRAINAGE PIPE. INSTALL ROCK SANDWICH WITH 18" HDPE OUTLET.

AW27
PEM

CONVERSION OF PFO TO PSS
AREA = 1038 SQ. FT.

PROPOSED WETLAND FILL
AREA = 5 SQ. FT.

AW25
PFO

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No.	Revision/Issue	Date

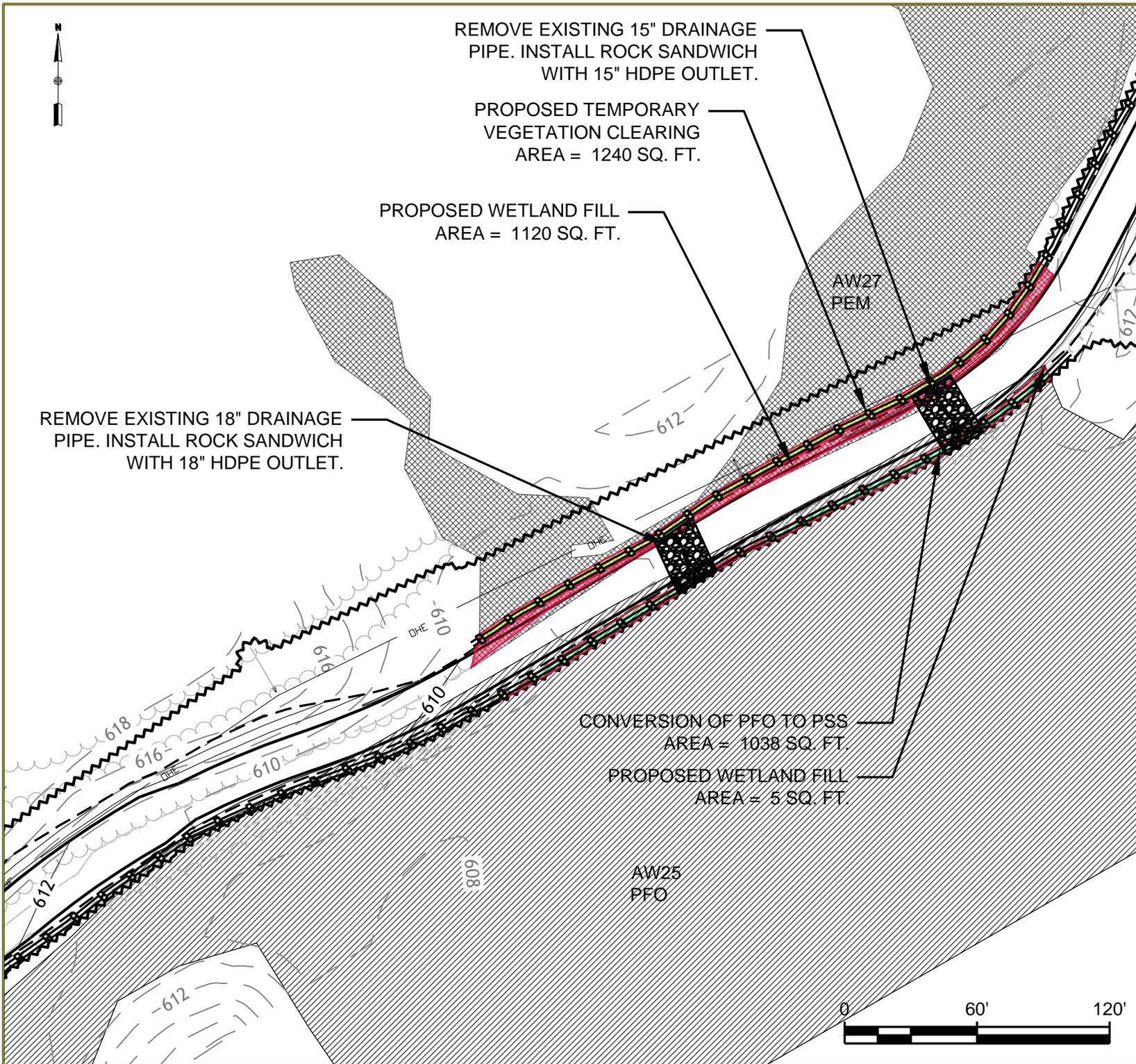
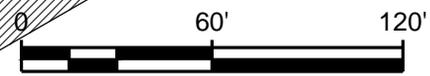
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RESOURCE CROSSING PLANS
WETLANDS AW25
AND
AW27**

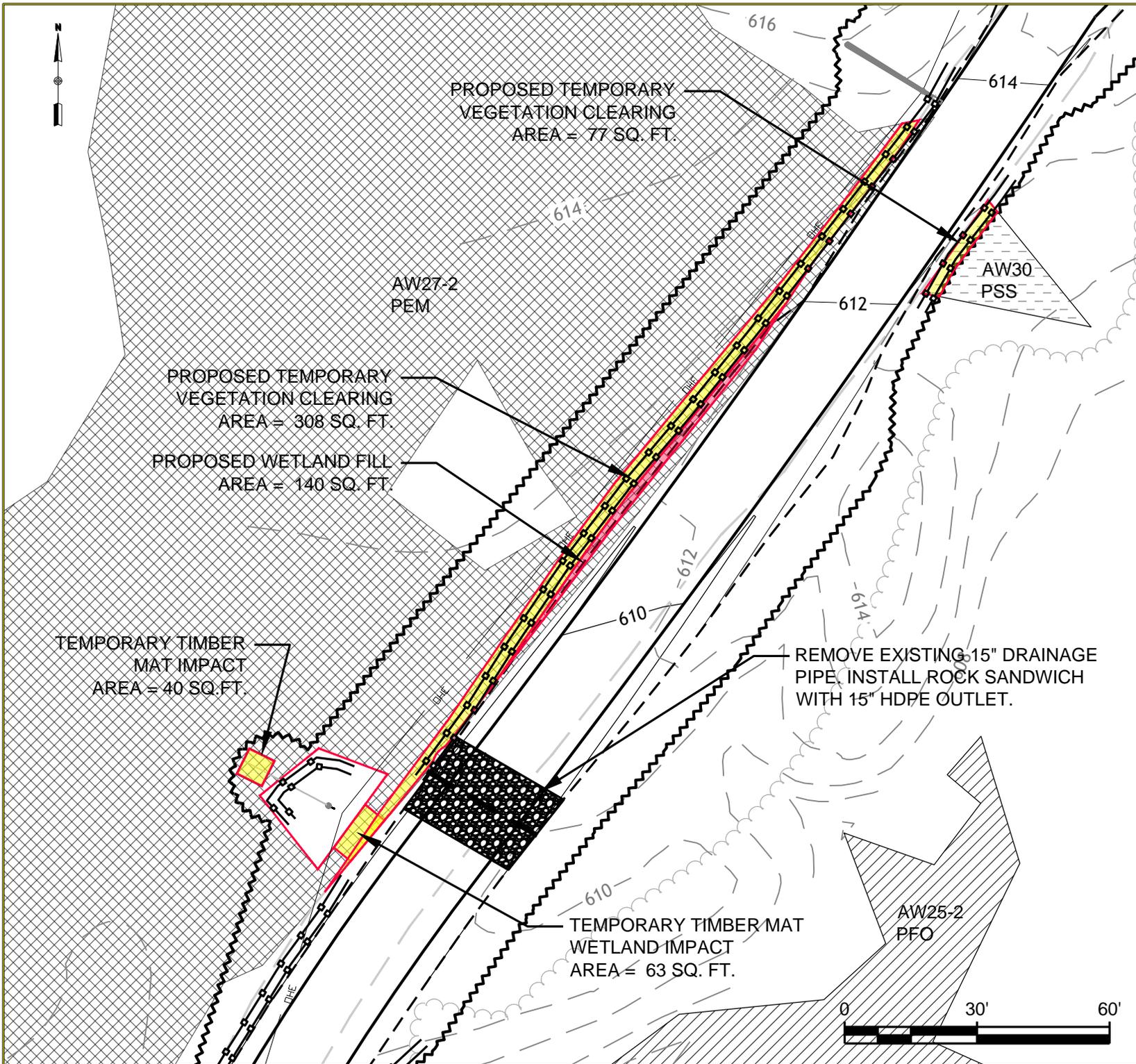
Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND PROJECT
CANTON, ME**

Sheet Number:
12 of 30

Dwg No.: **NRPA-12**





GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
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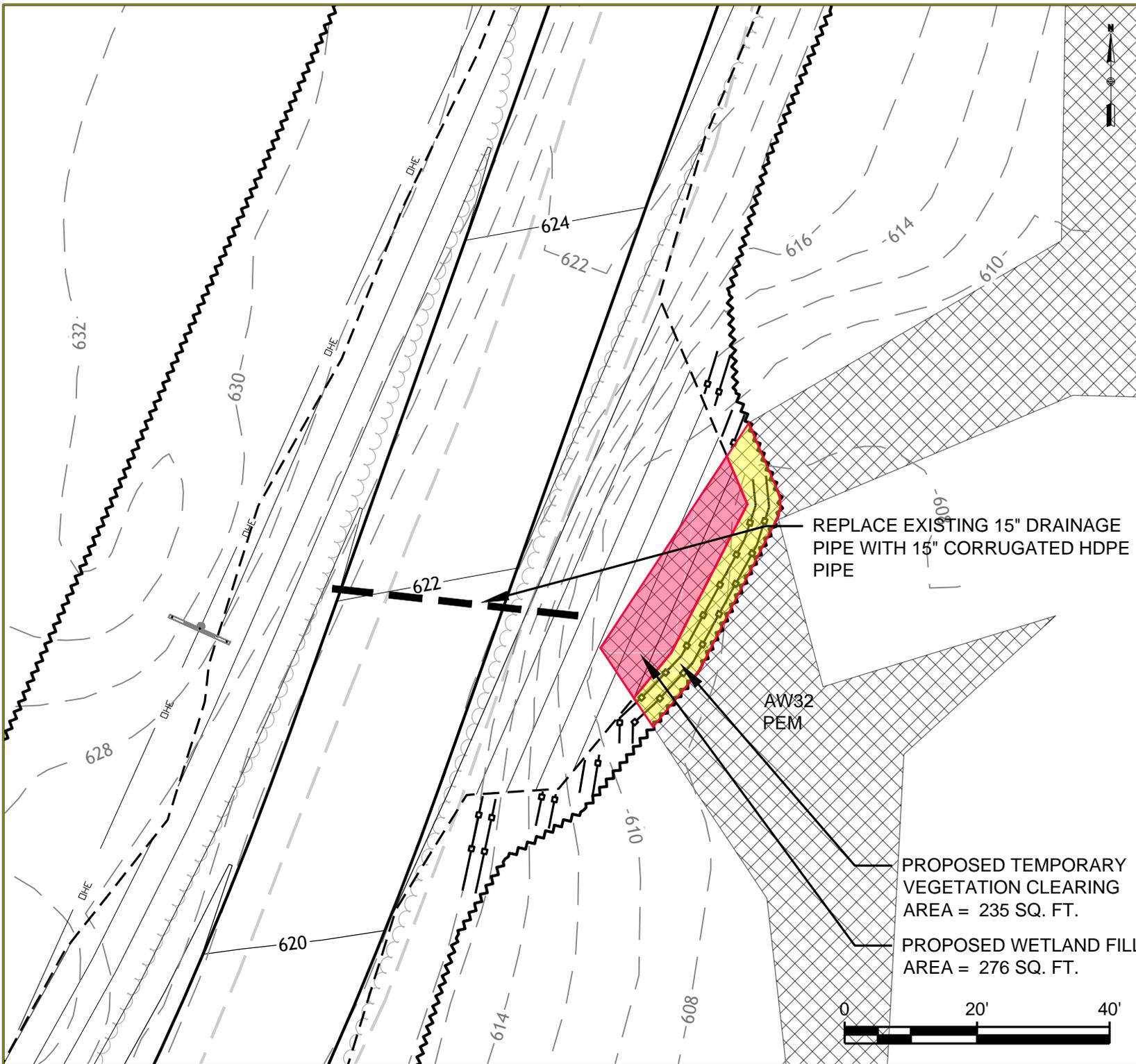
Drawing Title:
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 RESOURCE CROSSING PLANS
 WETLANDS AW27-2
 AND
 AW30**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND PROJECT
 CANTON, ME**

Sheet Number:
 13 of 30

Dwg No.: **NRPA-13**



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
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3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:
**CANTON MOUNTAIN WIND PROJECT
 RESOURCE CROSSING PLANS
 WETLAND AW32**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND PROJECT
 CANTON, ME**

Sheet Number:
 14 of 30

Dwg No.: **NRPA-14**

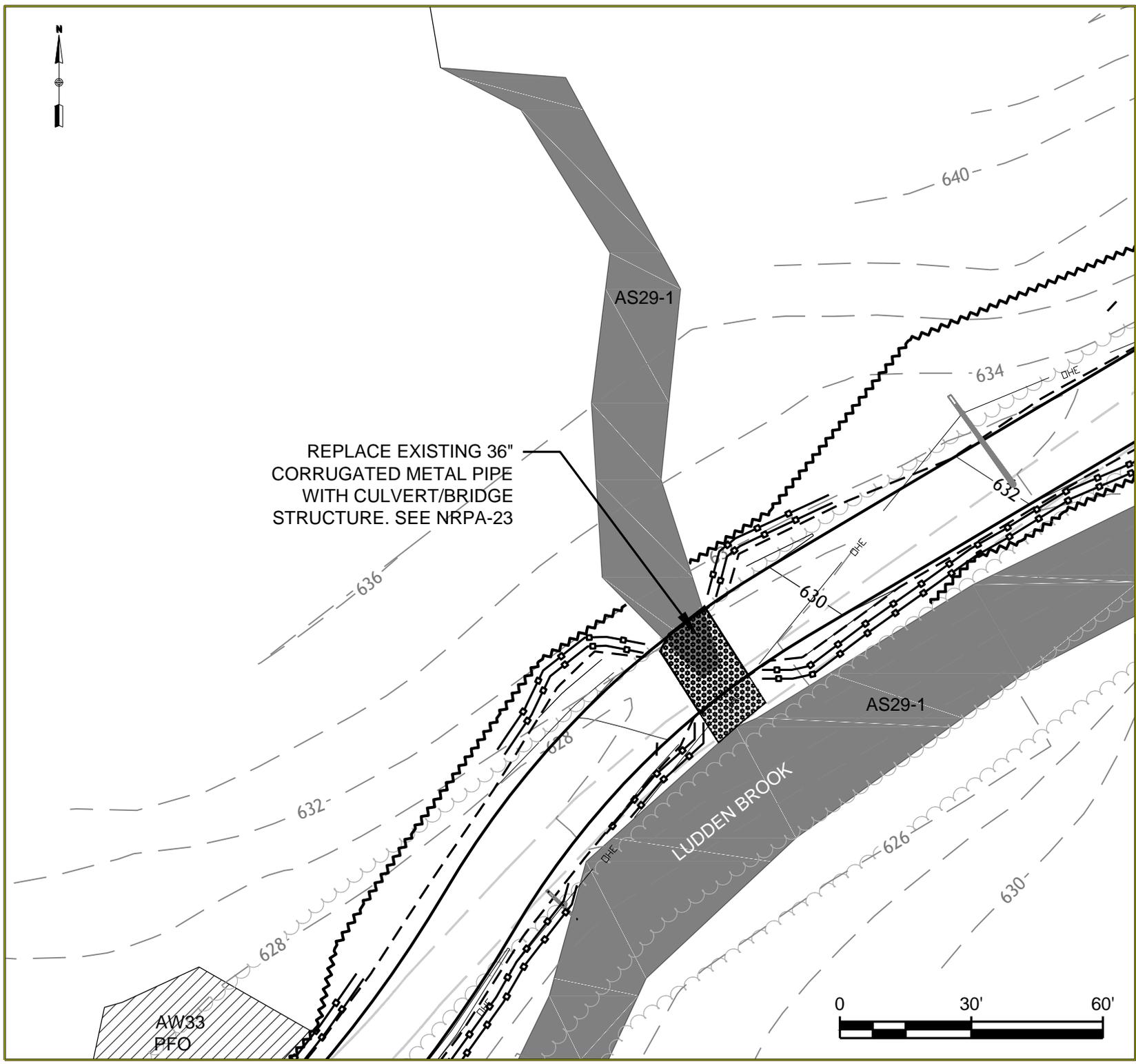
REPLACE EXISTING 15" DRAINAGE PIPE WITH 15" CORRUGATED HDPE PIPE

AW32
 PEM

PROPOSED TEMPORARY VEGETATION CLEARING AREA = 235 SQ. FT.

PROPOSED WETLAND FILL AREA = 276 SQ. FT.





GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:

**CANTON MOUNTAIN
WIND PROJECT
RESOURCE CROSSING PLANS

STREAM AS29-1**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND
PROJECT
CANTON, ME**

Sheet Number:
15 of 30

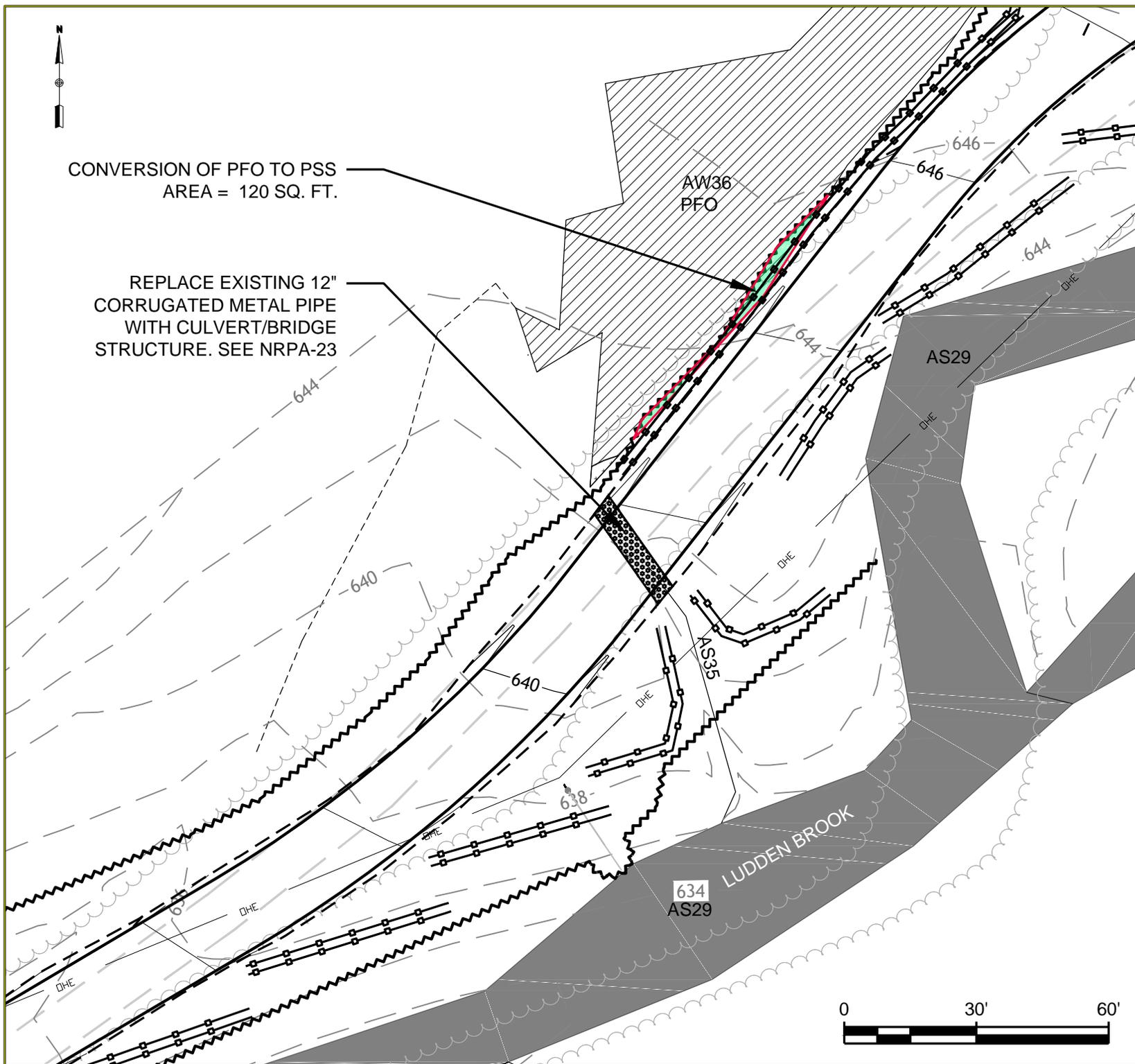
Dwg No.: **NRPA-15**





CONVERSION OF PFO TO PSS
AREA = 120 SQ. FT.

REPLACE EXISTING 12"
CORRUGATED METAL PIPE
WITH CULVERT/BRIDGE
STRUCTURE. SEE NRPA-23



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:
**CANTON MOUNTAIN
WIND PROJECT
RESOURCE CROSSING PLANS**

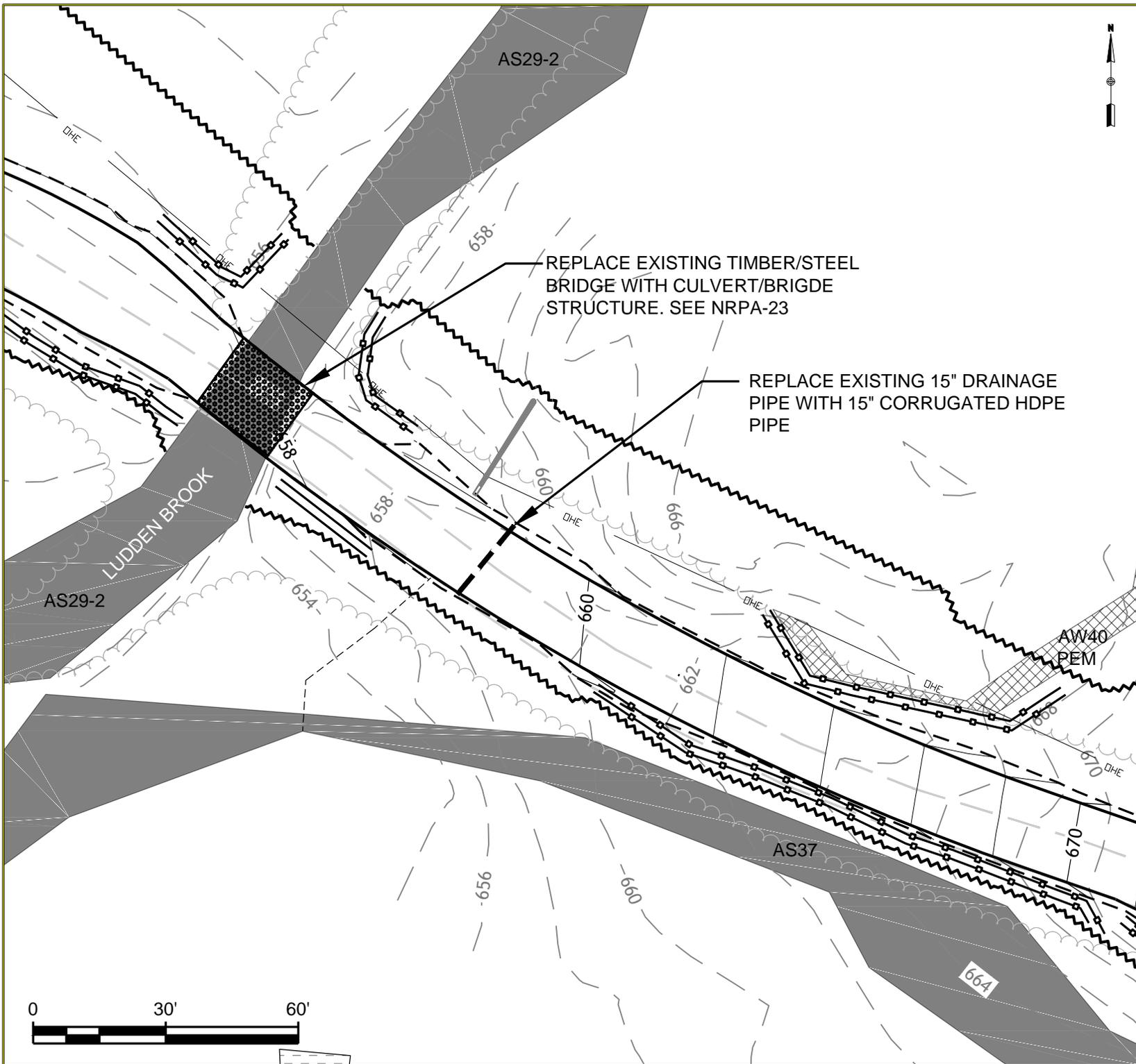
**STREAM AS35
WETLAND AW36**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND
PROJECT
CANTON, ME**

Sheet Number:
16 of 30

Dwg No.: **NRPA-16**



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND



No.	Revision/Issue	Date

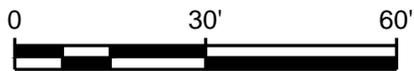
Drawing Title:
**CANTON MOUNTAIN WIND PROJECT
 RESOURCE CROSSING PLANS
 STREAM AS29-2**

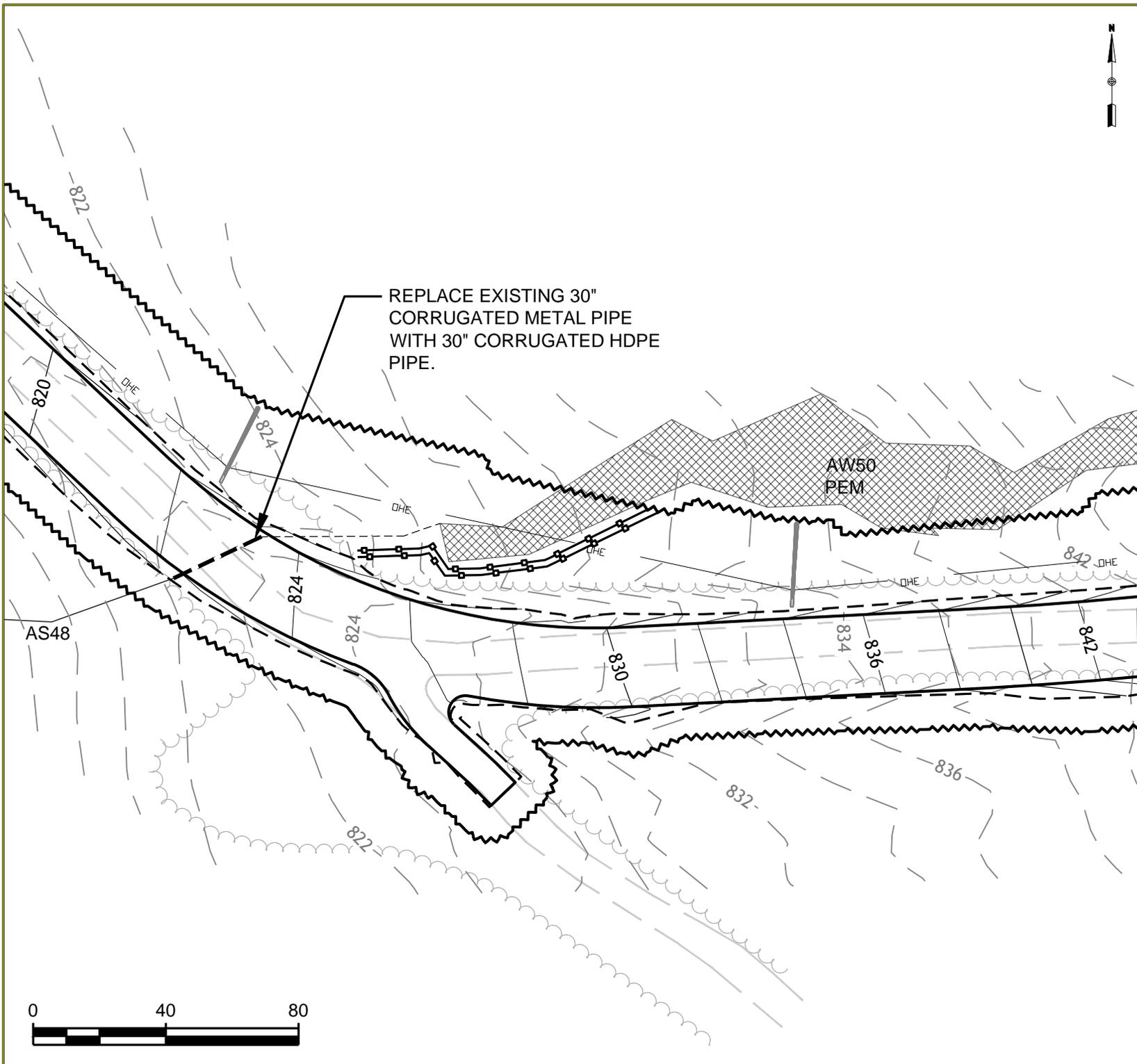
Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND PROJECT
 CANTON, ME**

Sheet Number:
 17 of 30

Dwg No.: **NRPA-17**





GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:
**CANTON MOUNTAIN WIND PROJECT
 RESOURCE CROSSING PLANS
 STREAM AS48**

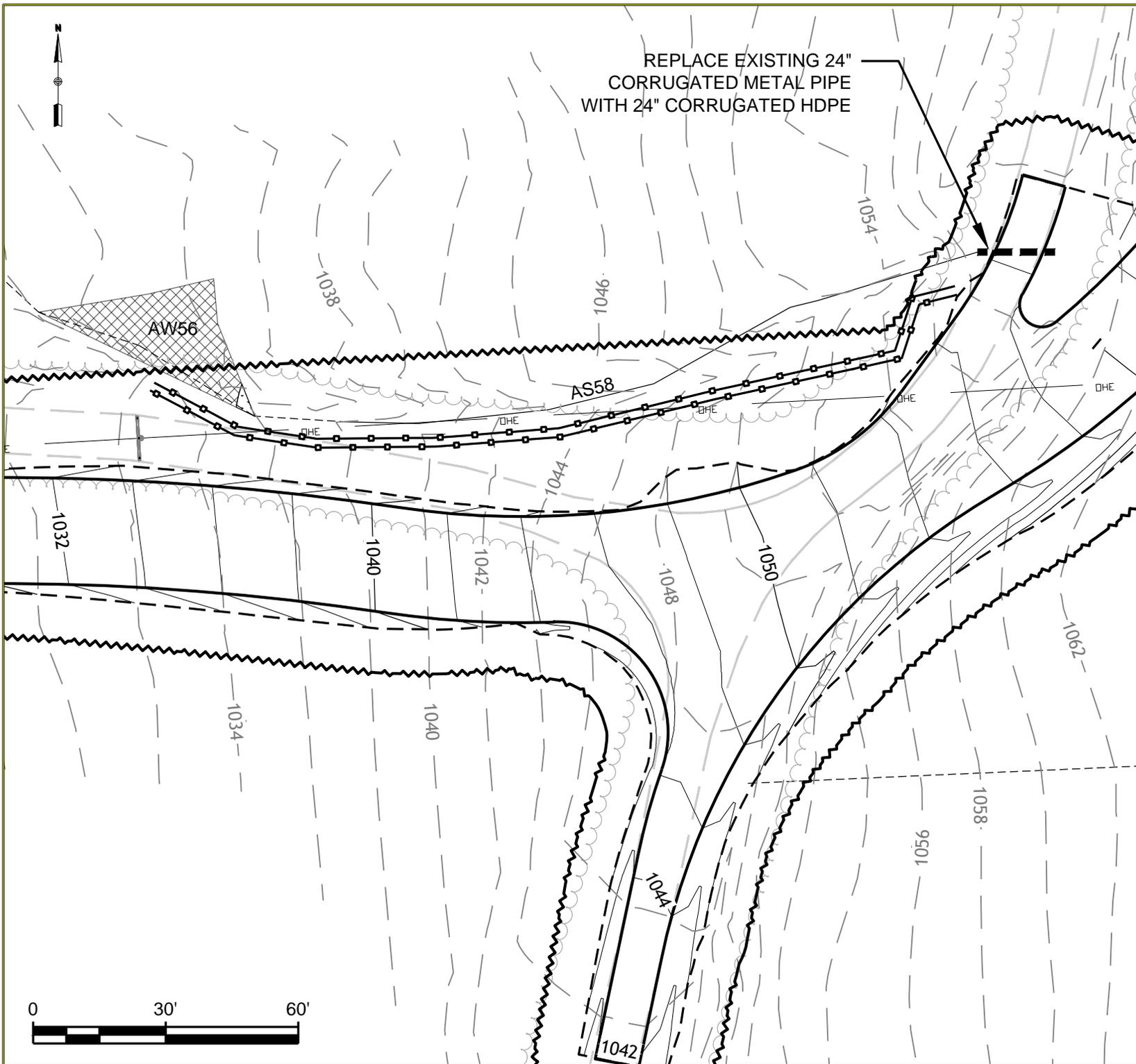
Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND PROJECT
 CANTON, ME**

Sheet Number:
 18 of 30

Dwg No.: **NRPA-18**





REPLACE EXISTING 24"
CORRUGATED METAL PIPE
WITH 24" CORRUGATED HDPE

GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:
**CANTON MOUNTAIN
WIND PROJECT
RESOURCE CROSSING PLANS
STREAM AS58**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND
PROJECT
CANTON, ME**

Sheet Number:
19 of 30

Dwg No.: **NRPA-19**



INSTALL CULVERT/BRIDGE
STRUCTURE. SEE NRPA-30

GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

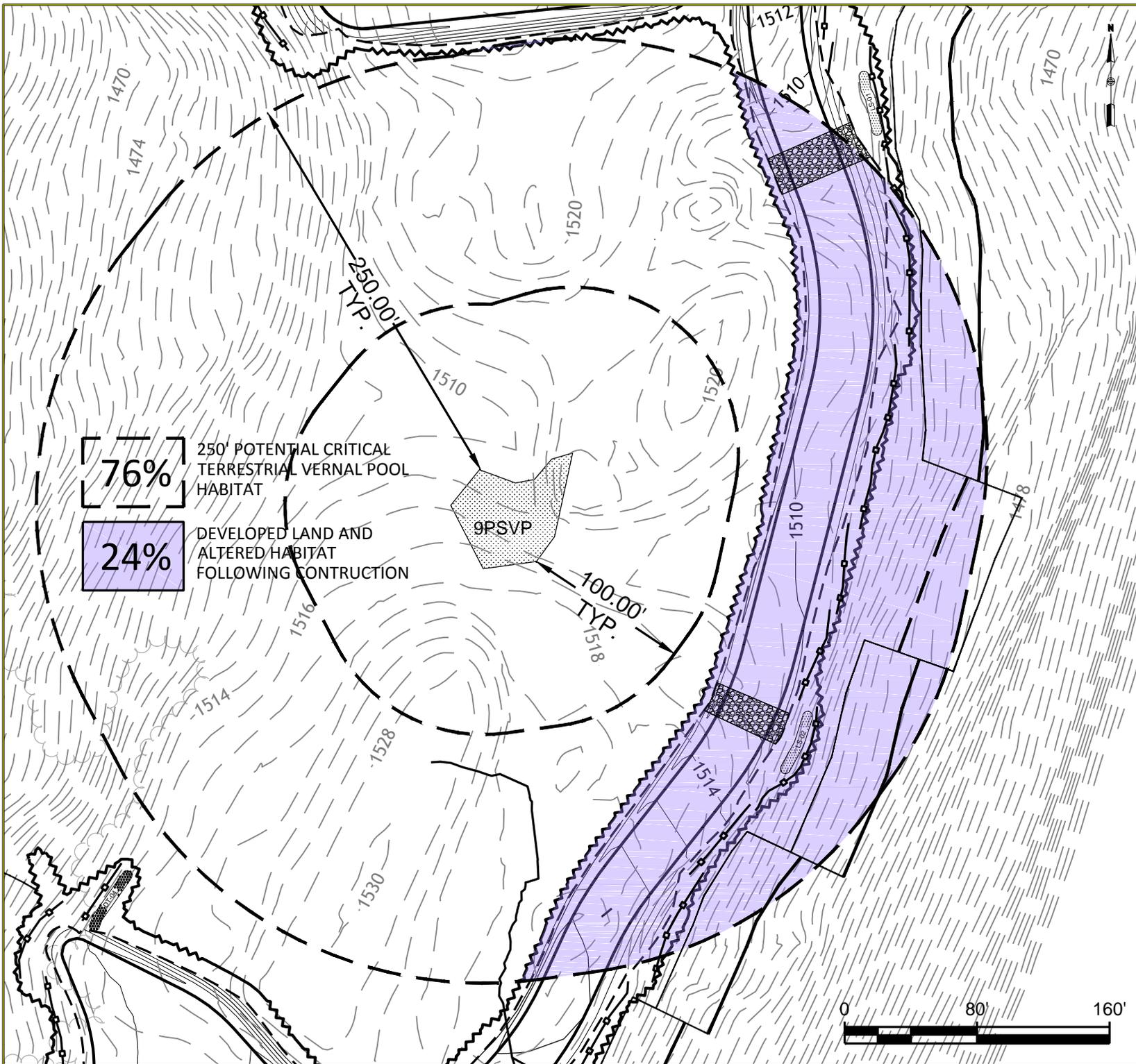
Drawing Title:
**CANTON MOUNTAIN
WIND PROJECT
RESOURCE CROSSING PLANS
STREAM AS49**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND
PROJECT
CANTON, ME**

Sheet Number:
20 of 30

Dwg No.: **NRPA-20**



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:

**CANTON MOUNTAIN
WIND PROJECT
RESOURCE CROSSING PLANS**

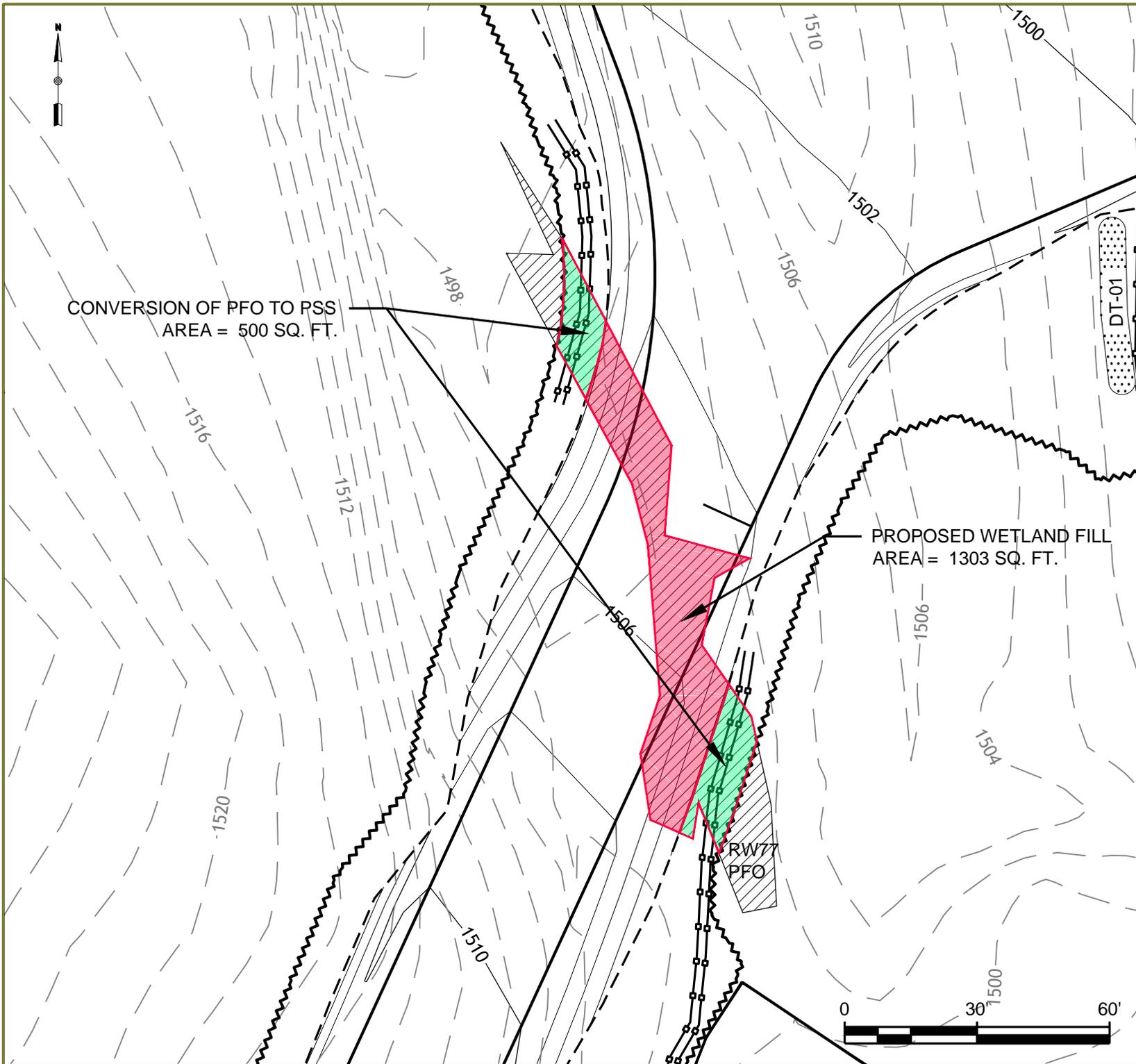
**250' POTENTIAL CRITICAL
ADJACENT VERNAL POOL
HABITAT**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND
PROJECT
CANTON, ME**

Sheet Number:
21 of 30

Dwg No.: **NRPA-21**



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

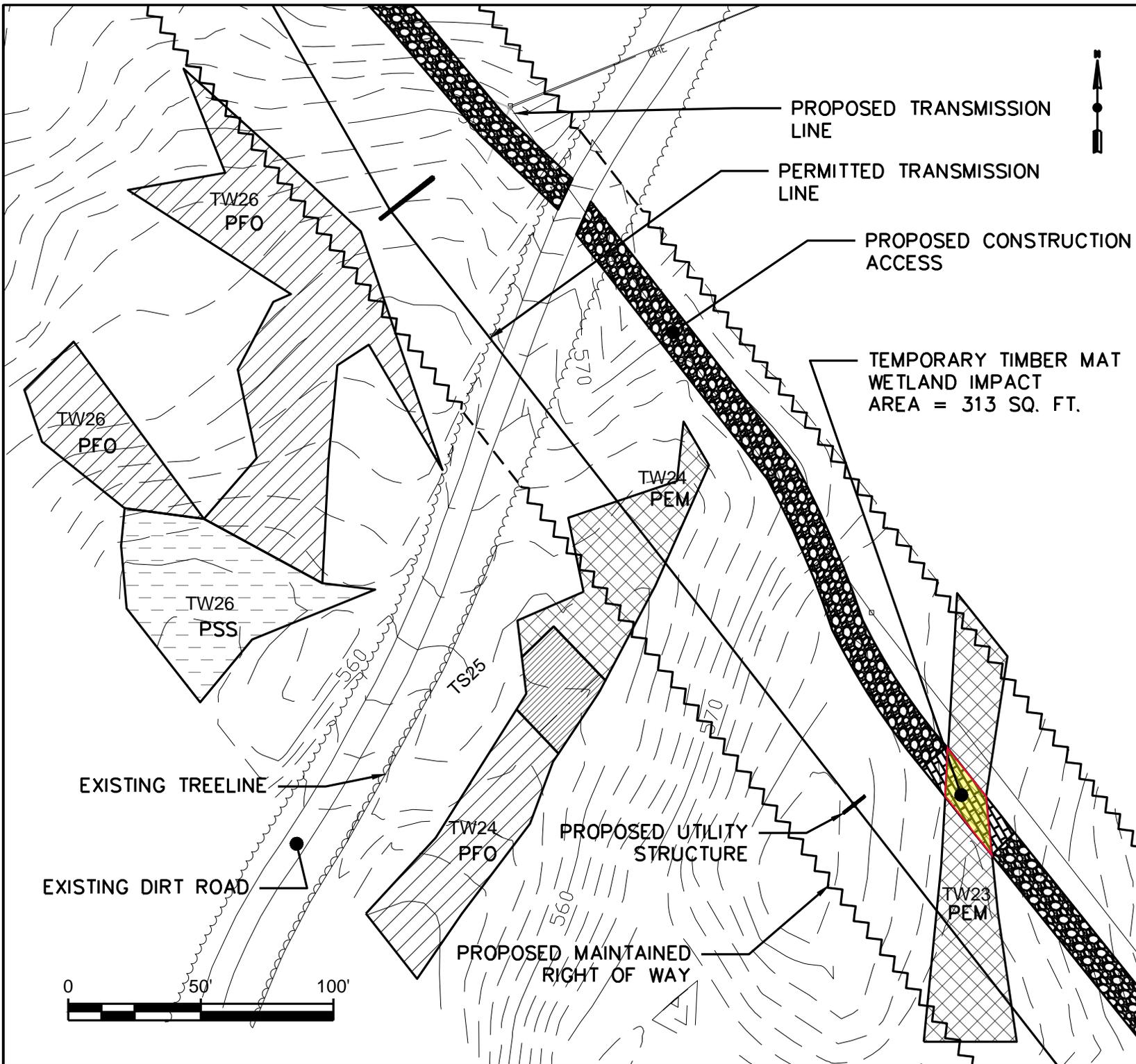
Drawing Title:
**CANTON MOUNTAIN
 WIND PROJECT
 RESOURCE CROSSING PLANS
 WETLAND RW77**

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
**CANTON MOUNTAIN WIND
 PROJECT
 CANTON, ME**

Sheet Number:
 22 of 30

Dwg No.: **NRPA-22**



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

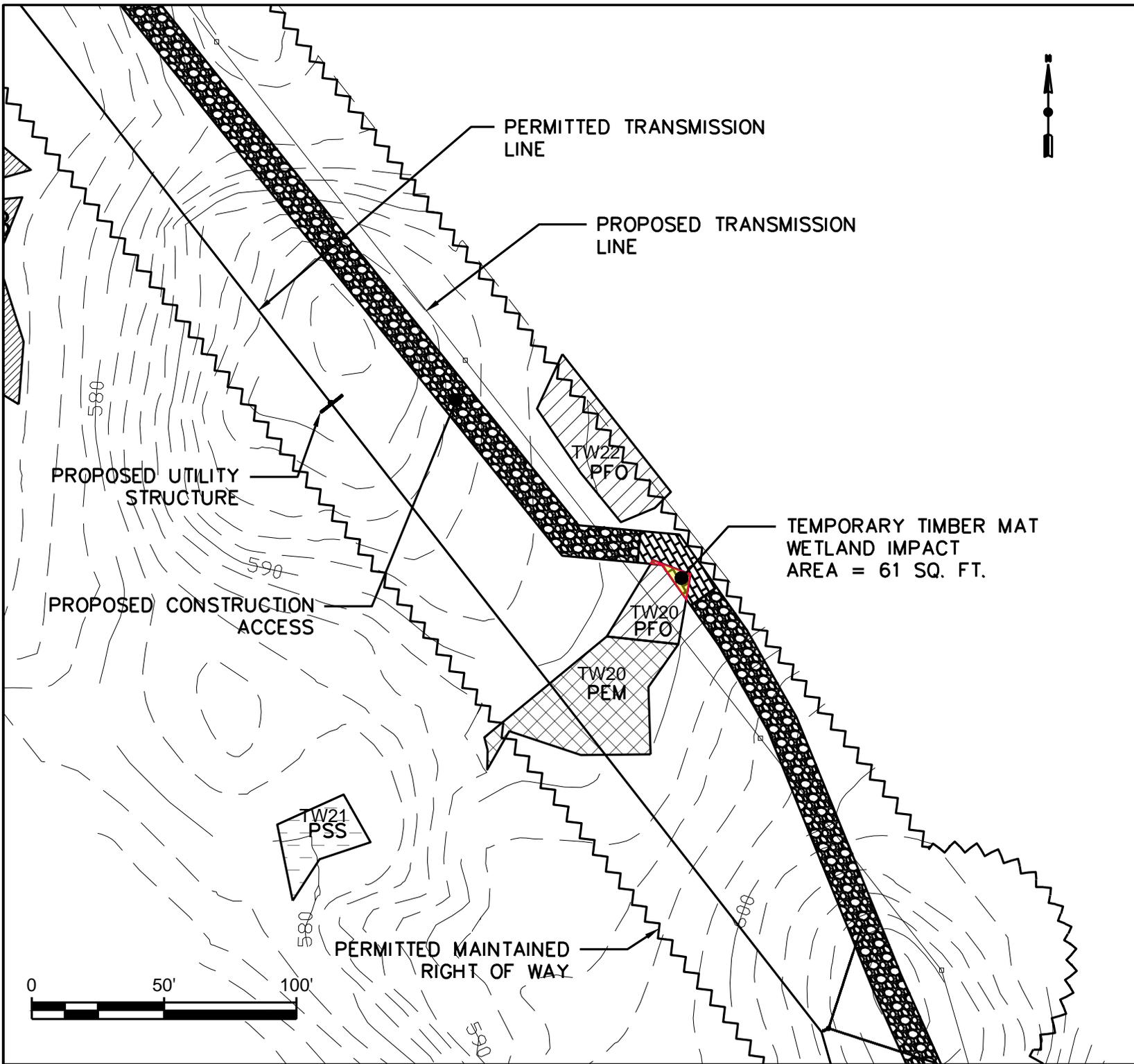
Drawing Title:
 CANTON MOUNTAIN
 WIND PROJECT
 RESOURCE CROSSING PLANS
 WETLAND TW23

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
 CANTON MOUNTAIN WIND
 WIND PROJECT
 CANTON, ME

Sheet Number:
 23 of 30

Dwg No.:
 NRPA-23



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
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5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:

CANTON MOUNTAIN
WIND PROJECT
RESOURCE CROSSING PLANS

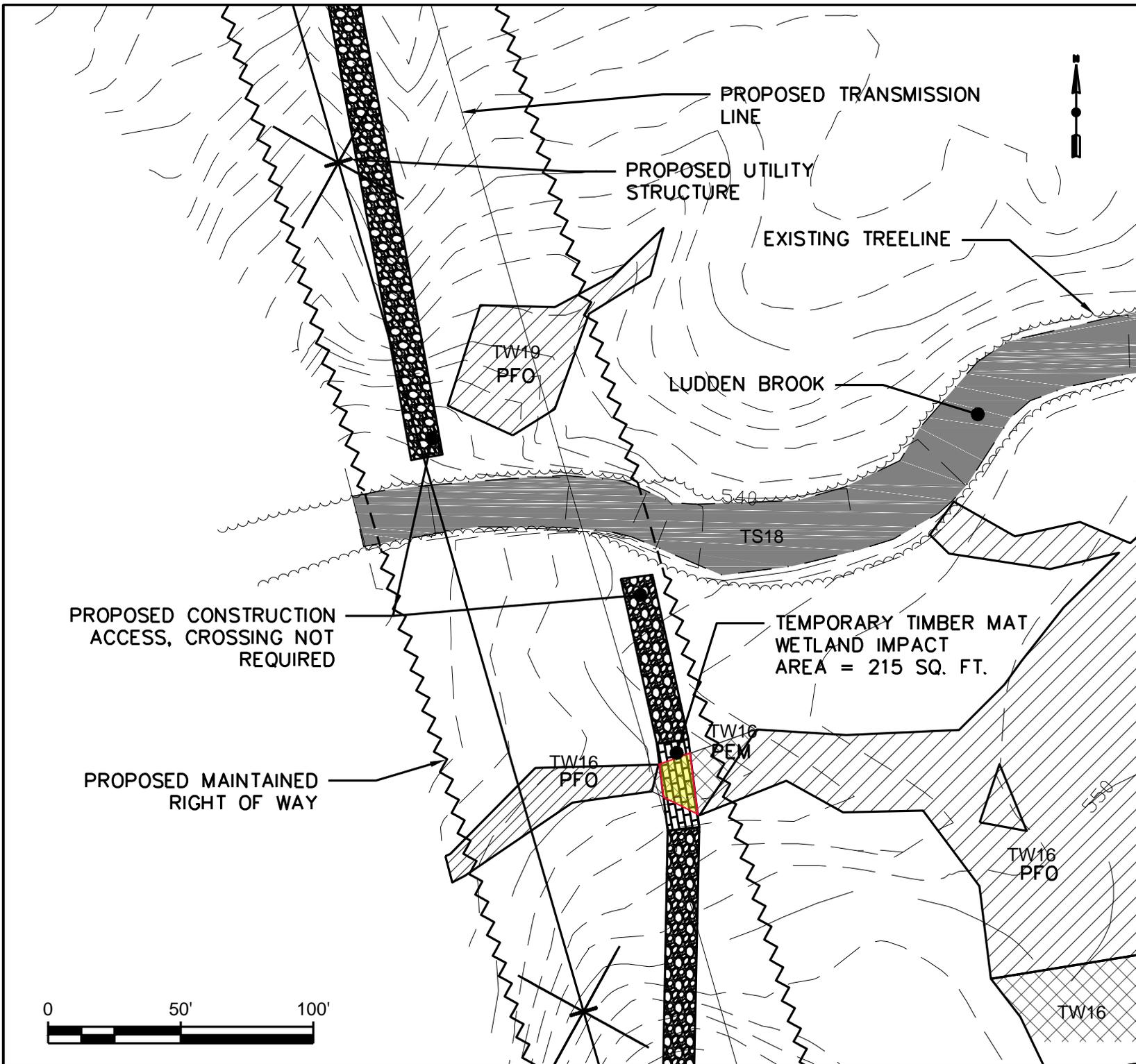
WETLANDS
TW20 AND TW22

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
CANTON MOUNTAIN WIND
WIND PROJECT
CANTON, ME

Sheet Number:
24 of 30

Dwg No.:
NRPA-24



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:

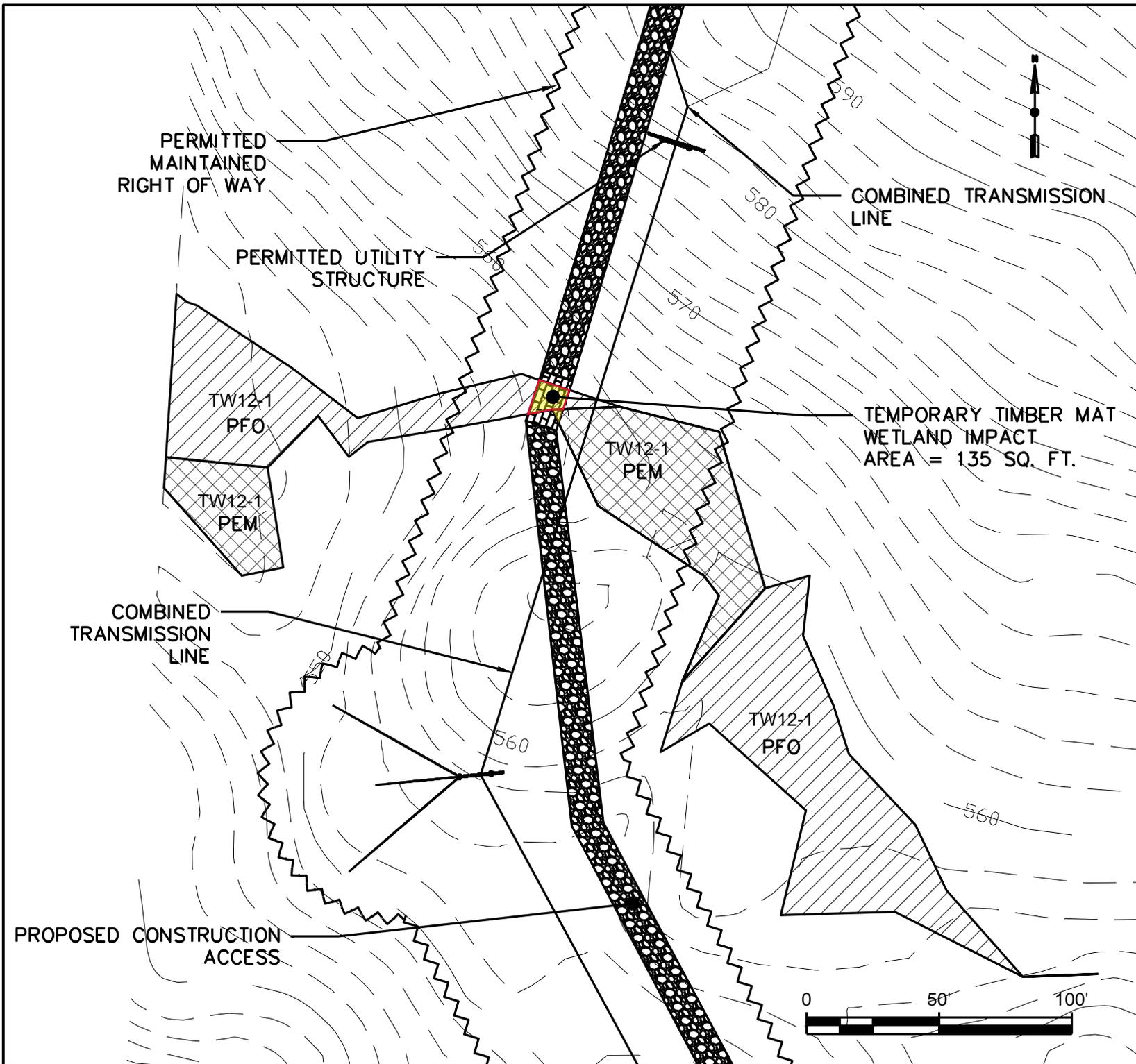
CANTON MOUNTAIN WIND PROJECT
 RESOURCE CROSSING PLANS
 WETLANDS
 TW16 AND TW19
 AND
 STREAM TS18

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
 CANTON MOUNTAIN WIND PROJECT
 CANTON, ME

Sheet Number:
 25 of 30

Dwg No.:
 NRPA-25



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

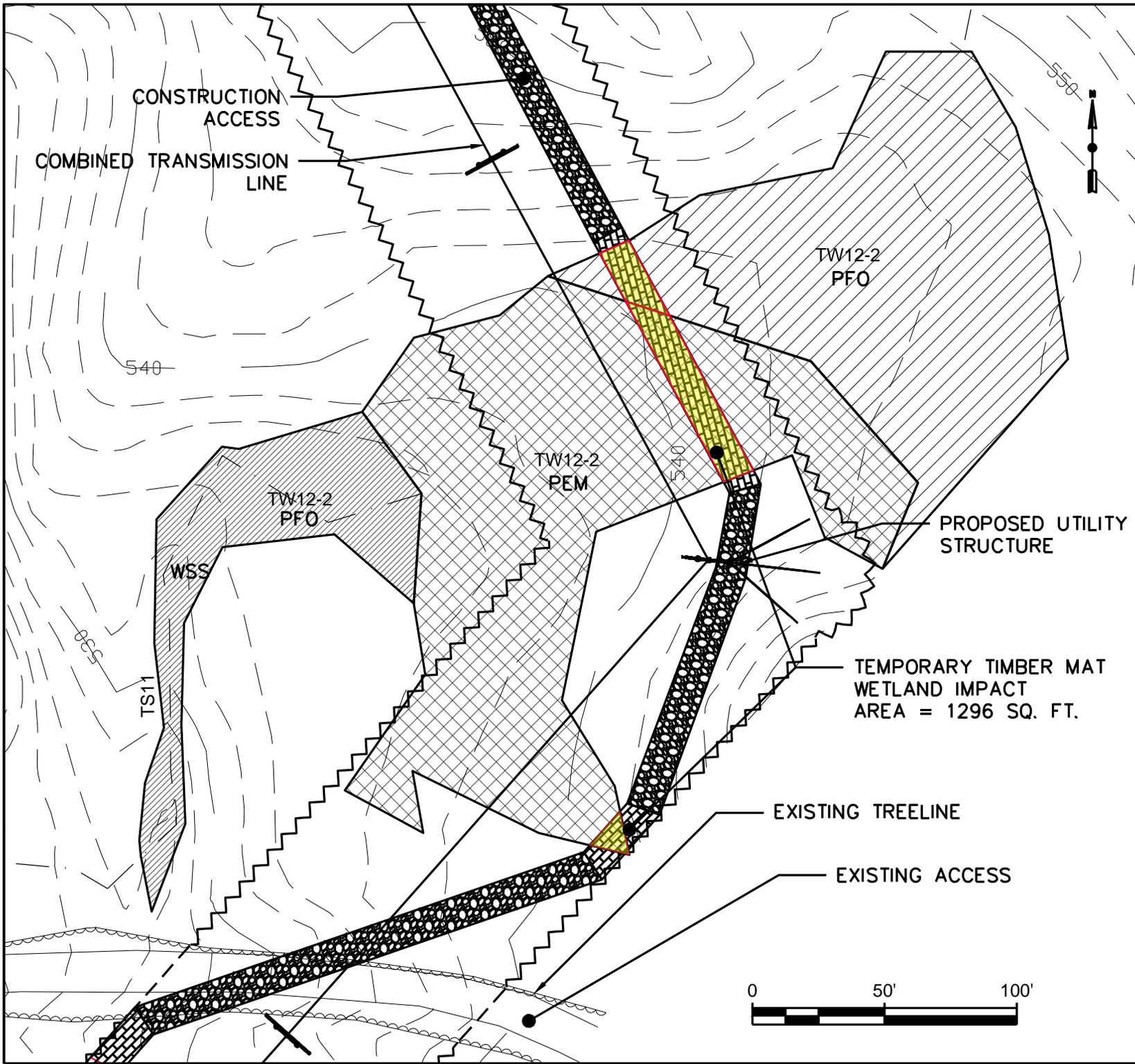
Drawing Title:
 CANTON MOUNTAIN WIND PROJECT
 RESOURCE CROSSING PLANS
 WETLAND TW12-1

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
 CANTON MOUNTAIN WIND PROJECT
 WIND PROJECT
 CANTON, ME

Sheet Number:
 26 of 30

Dwg No.:
 NRPA-26



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

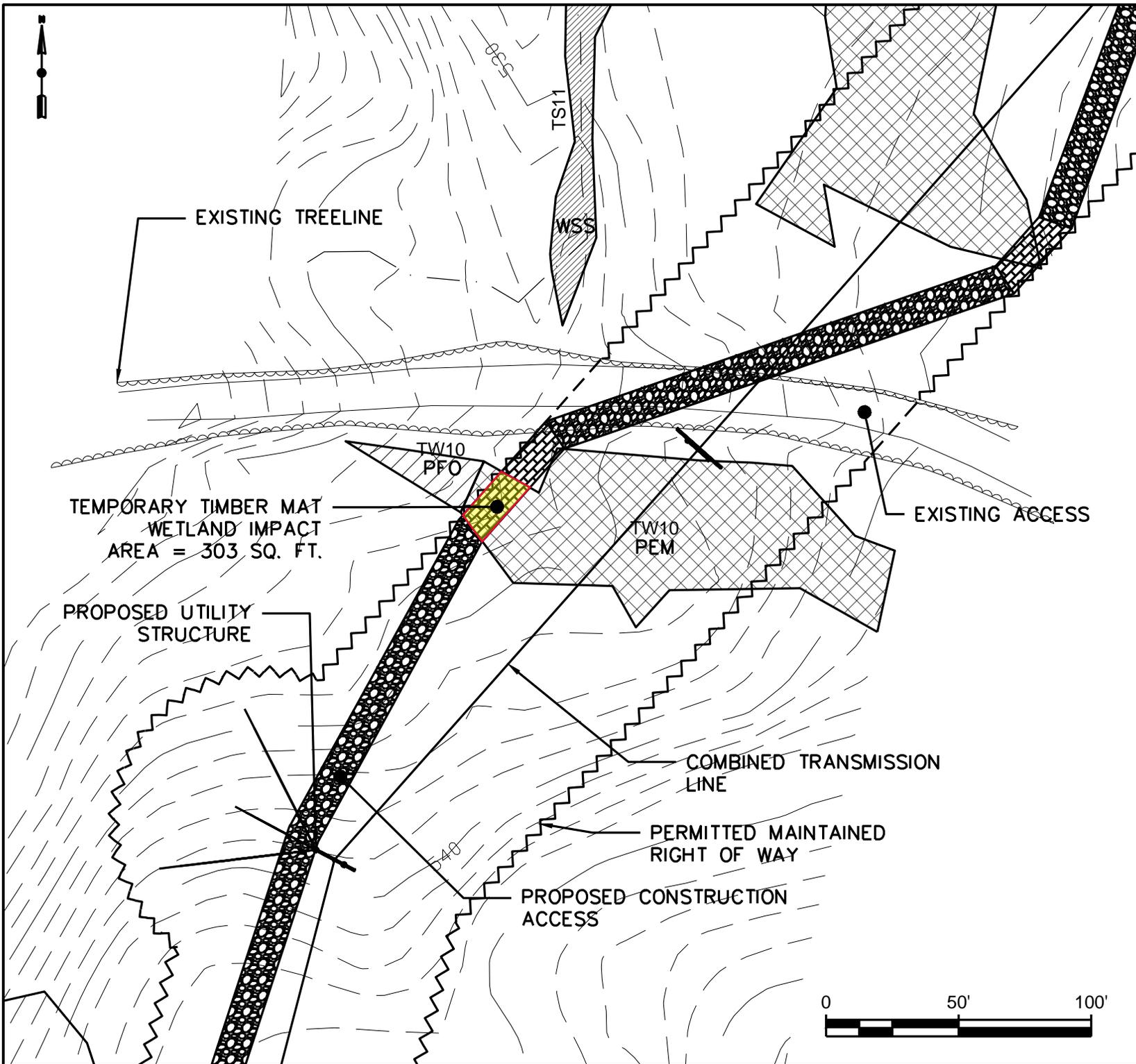
Drawing Title:
 CANTON MOUNTAIN
 WIND PROJECT
 RESOURCE CROSSING PLANS
 WETLAND TW12-2

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
 CANTON MOUNTAIN WIND
 WIND PROJECT
 CANTON, ME

Sheet Number:
 27 of 30

Dwg No.:
 NRPA-27



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

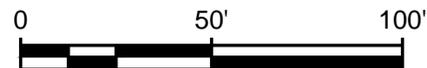
Drawing Title:
 CANTON MOUNTAIN WIND PROJECT
 RESOURCE CROSSING PLANS
 WETLAND TW10

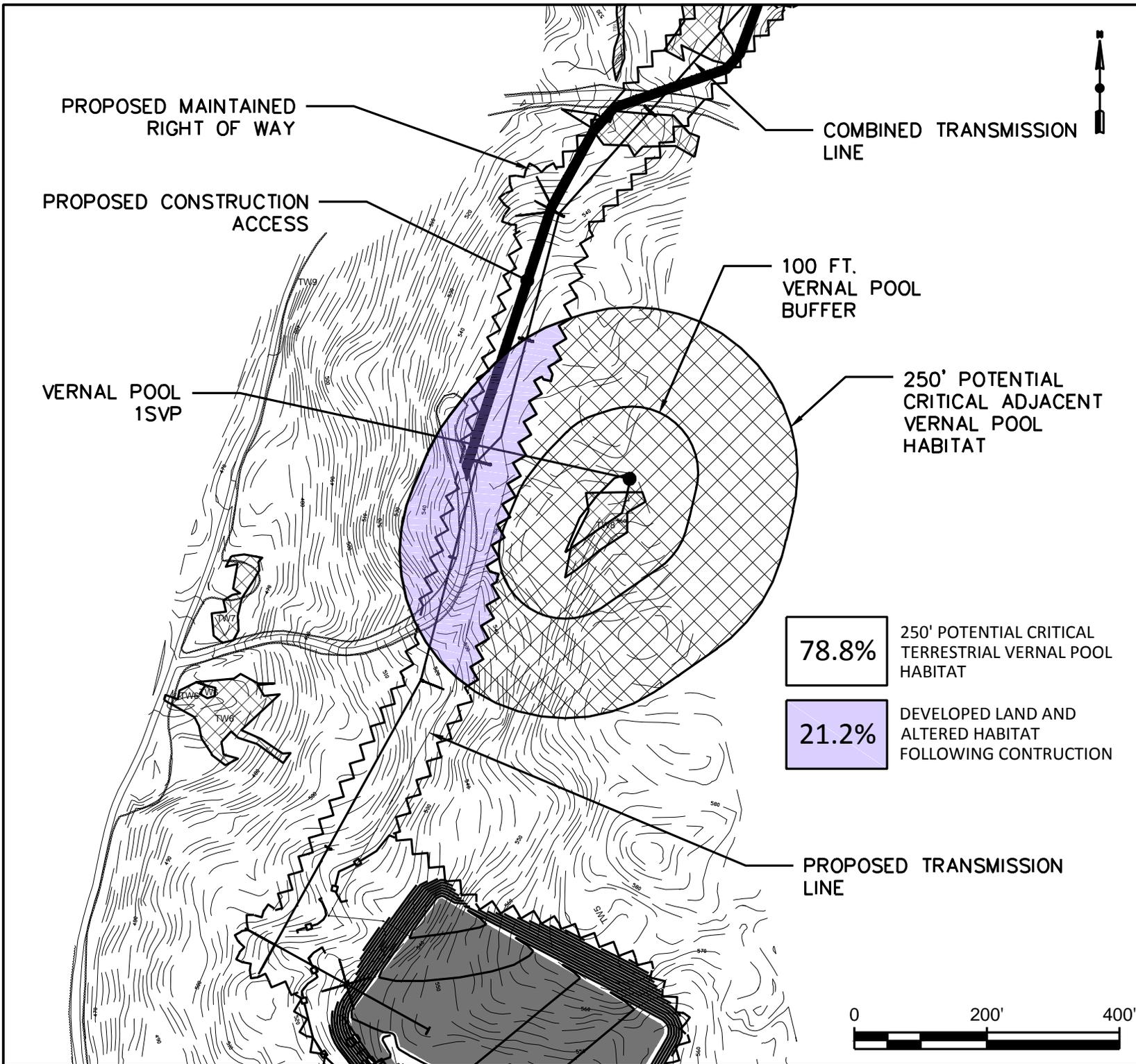
Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
 CANTON MOUNTAIN WIND PROJECT
 CANTON, ME

Sheet Number:
 28 of 30

Dwg No.:
 NRPA-28





PROPOSED MAINTAINED
RIGHT OF WAY

PROPOSED CONSTRUCTION
ACCESS

VERNAL POOL
1SVP

COMBINED TRANSMISSION
LINE

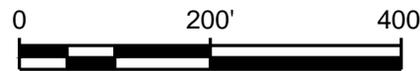
100 FT.
VERNAL POOL
BUFFER

250' POTENTIAL
CRITICAL ADJACENT
VERNAL POOL
HABITAT

78.8% 250' POTENTIAL CRITICAL
TERRESTRIAL VERNAL POOL
HABITAT

21.2% DEVELOPED LAND AND
ALTERED HABITAT
FOLLOWING CONSTRUCTION

PROPOSED TRANSMISSION
LINE



GENERAL NOTES:

1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

No.	Revision/Issue	Date

Drawing Title:

 CANTON MOUNTAIN
 WIND PROJECT
 RESOURCE CROSSING PLANS

 VERNAL POOL
 1SVP

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
CANTON MOUNTAIN WIND
 WIND PROJECT
 CANTON, ME

Sheet Number:
29 of 30

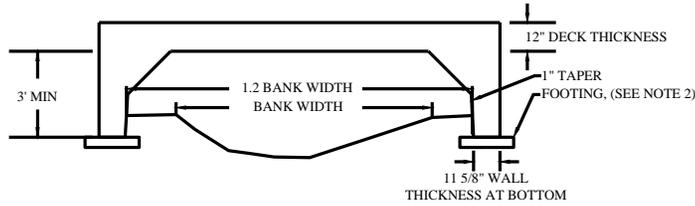
Dwg No.:
NRPA-29

GENERAL NOTES:

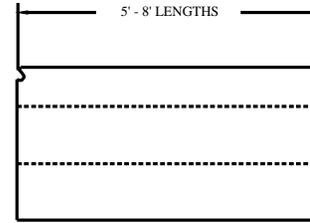
1. NORTH IS REFERENCED TO GRID NORTH NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
2. ELEVATIONS ARE REFERENCED TO NAD83 MAINE STATE PLANES, WEST ZONE, US FOOT.
3. EXISTING TOPOGRAPHIC AND PLANNIMETRIC SURVEY INFORMATION WAS THE RESULT OF AERIAL TOPOGRAPHIC PHOTOGRAPHY AND AERIAL TOPOGRAPHIC MAPPING COMPLETED BY PHOTOGRAMMETRIC TECHNOLOGY, INC.
4. SOIL MAPPING WAS COMPLETED BY ALBERT FRICK ASSOCIATES, INC.
5. ENVIRONMENTAL RESOURCE MAPPING (WETLANDS, STREAMS, VERNAL POOLS, ETC.) WAS COMPLETED BY TETRA TECH, INC.
6. PROPERTY LINES ARE THE RESULT OF ACTUAL SURVEY LINES SURVEYED BY KENNEBEC RIVER COMPANY, INC.
7. REFER TO SHEET 2 FOR LEGEND

STREAM CROSSINGS DETAIL

NOT TO SCALE



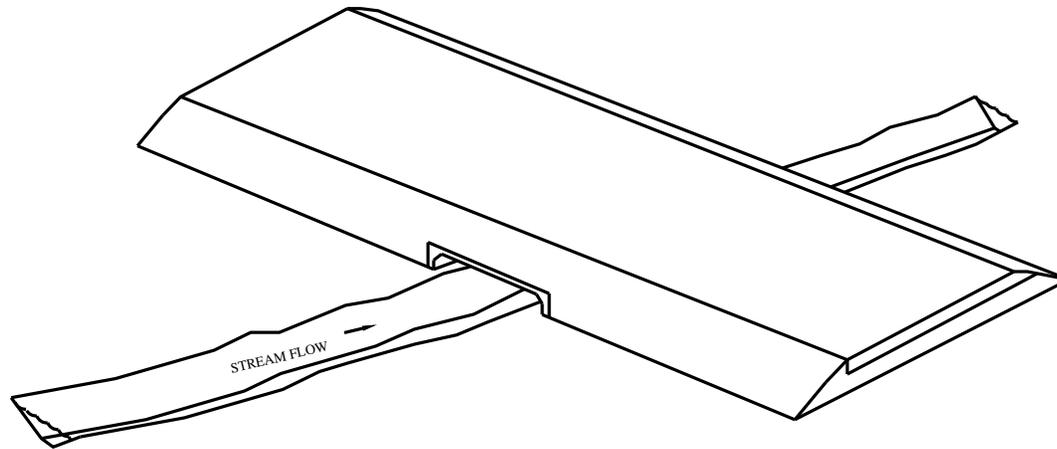
LONGITUDINAL SECTION VIEW
NOT TO SCALE



TRANSVERSE SECTION VIEW
NOT TO SCALE

NOTES:

1. SPECIAL CULVERT SECTION PRECAST BY OLDCASTLE PRECAST.
2. SPECIAL CULVERT SECTION RESTS ON SMALL FOOTINGS, WHERE THE VENDOR DEEMS NEEDED
3. USE SPECIAL CULVERT SECTION FOR STREAMS OF SPECIAL INTEREST.
4. HEIGHT AND TOTAL SPAN WILL VARY AT BRIDGE CROSSINGS.
5. INTERIOR OF CULVERT TO BE CLEAR OF RIPRAP BACK FILL AND DEBRIS



ISOMETRIC VIEW
NOT TO SCALE

No.	Revision/Issue	Date

Drawing Title:

CANTON MOUNTAIN
WIND PROJECT
RESOURCE CROSSING PLANS

CULVERT/BRIDGE
DETAIL

Date: 11/21/11	Scale: AS SHOWN
Drawn By: GD	Chk'd By: BC

Project:
CANTON MOUNTAIN WIND
PROJECT
CANTON, ME

Sheet Number:
30 of 30

Dwg No.: **NRPA-30**