

On behalf of 23 residents on Pine Island and one resident of Three Mile Island, (served from Pine Island) an approved contractor, working for the New Hampshire Electric Cooperative, Inc. will replace the submarine cable from NHEC pole 11511/3 located on Wilson Property on the mainland on Tax Map U36, Lot 4, off Powers Road in the town of Meredith, approximately 440 feet underneath Lake Winnepesaukee, coming onshore at Pine Island, onto the property of the Ahrens Family Trust, Tax Map Map I01, Lot 11 and the cable will then be placed underground, running approximately 40 feet underground up from the shore to a riser pole, 11511/6, ultimately providing electrical service to all of Pine Island and Three Mile Island.

"CONSIDERATION LESS THAN \$100"

(2/68)

RIGHT OF EASEMENT

02450  
A DIVISION OF  
New Hampshire Electric Cooperative, Inc.

I/we ....Gretchen S. Shattuck..... of .....Dedham....,  
State of ..Massachusetts..... (Unmarried) (Husband and Wife) for consideration  
paid, grant to the WHITE MOUNTAIN POWER COMPANY, a New Hampshire corporation and  
the ..... Telephone Company, a.....corporation,  
their respective successors and assign forever, with warranty covenants, the RIGHT and EASEMENT to  
construct, repair, operate, maintain, patrol, replace and remove overhead and underground lines, consisting  
of wires, cables, ducts, poles and other apparatus necessary for the transmission and distribution of elec-  
tricity and/or telephone service on, over and under my/our land in the city/town of ..Meredith.....  
....., County of.....Belknap....., New Hampshire,  
more particularly described as follows:

Land on the ....East..... side of ...Powers Road....., bounded northerly by  
land of .....Oliver....., southerly by land of .....Fields....., easterly  
by land of ..Lake Winnepesaukee....., and westerly by land of ..Powers Road.....;  
This easement by Mrs. Shattuck to the White Mountain Power Company covers the new location  
of the service pole and the proposed new cable to Pine Island and whatever power lines,  
poles and equipment are on Mrs. Shattuck's land.

This conveyance shall include the right to clear and keep clear a right-of-way of all trees and under-  
brush by such means as the grantees may select.

The location of said right-of-way shall be determined by mutual consent and become permanent upon  
the installation of said lines.

The width of the right-of-way clearing shall not exceed twenty (20) feet. Necessary guy wires  
and anchors may be located beyond the cleared area.

The grantor shall continue to enjoy use of the property for any purposes not adverse to the grantee's  
rights. Planting of trees, building of structures or storage of lumber and/or other materials within the  
granted right-of-way shall not be undertaken without the grantee's knowledge and consent. The grantee  
agrees to make reasonable modification of the lines within the grantor's property at the grantor's expense to  
accommodate future needs of the grantor in the use of his property.

The grantor (s) release to the grantee (s) all rights and dower/curtesy, homestead and other interests  
in the rights and easements hereby conveyed.

Witness my/our hand (s) and seal (s) this .....25<sup>th</sup>..... day of ..August.., 19.69  
WITNESSES:

.....Hilton J. Horner.....

GRANTORS SIGNATURES:

.....Gretchen S. Shattuck.....

STATE OF NEW HAMPSHIRE

County of ..Belknap.....

On this 25th day of ..August.., 1969, before me the undersigned officer, personally appeared Mrs. Gretchen  
S. Shattuck, known to me (or satisfactorily proved) to be the person(s) whose name(s) ..... is ..... subscribed to the  
within Instrument and acknowledged that he executed the same for the purpose therein contained.

In witness whereof I hereunto set my hand and official seal,

BK- 536 PGE-457

.....Hilton J. Horner.....  
Notary Public - Justice of the Peace  
My commission expires .....January 6, 1974.....

EXHIBIT B

I, H. R. Knight of Meredith  
in consideration of one dollar and other valuable consideration, the  
receipt of which is hereby acknowledged, grant unto the White Mountain  
Power Company, a New Hampshire Corporation, its successors and assigns,  
the right to erect and maintain necessary wood poles, wires and other  
apparatus necessary for the transmission of electricity and/or telephone  
lines upon and over my property in the Town of Meredith  
New Hampshire, and the right to keep the trees and bushes cut, so much  
as is necessary for the proper protection of the Company's system.

The purpose of this right-of-way is to grant the White  
Mountain Power Company a right to cross my property with their line  
at its present location.

Dated

June 16 1939

Witness

Josephine Eaton

Signed

Howard R. Knight



State of Ohio

County of Franklin ss.

June 16 1939

Personally appeared the above named Howard R. Knight  
and \_\_\_\_\_ and acknowledged the foregoing  
instrument to be voluntary.

Helen Fox

Notary Public  
Justice of Peace

**EXHIBIT C**

[DES Home](#) | [OneStop Home](#) | [A to Z List](#) | [OneStop Contact](#)

## Wetland And Shoreland Permits Query Results

## Column Definitions

Wetlands Contact: (603) 271-2147

Shoreland Contact: [shoreland@des.nh.gov](mailto:shoreland@des.nh.gov) (603) 271-2147

This website was last updated on 04/15/2018 08:04

[Printable Version in Excel](#) | [Printable Version Help](#)

Total Rows: 1

## Wetlands Permits

File Number: 2018-00239

Application Type: UTILITY MAINTENANCE NOTIFICATION

## Owner:

NH ELECTRIC COOPERATIVE INC

## Location:

NH ELECTRIC COOPERATIVE ROW

MEREDITH, NH

Water Body: LAKE WINNIPESAUKEE

## Designated River:

Data Received: 01/29/2018

Proposed Project: The submarine cable serving Pine Island, in Lake Winnepesaukee, in Meredith, has failed. The cable services electricity to twenty-three homes on Pine Island and then another cable comes off the island to serve one home on Three Mile Island. The cable originates from riser pole 11511/3 off Powers Road and is buried for approximately 162 feet to the shoreline of Lake Winnepesaukee where it travels approximately 440 feet along the bottom to Pine Island where it is then buried an additional 82 feet to riser pole 115811/6.

Status: NOTIFICATION COMPLETE

Tax Map: ROW

Lot Number: ROW

Reviewer: COEMK

Preliminary Category: UTILITY NOTIFICATION

Final Category: UTILITY NOTIFICATION

Agent:

[Prev](#) | [Next](#)[Printable Version in Excel](#) | [Printable Version Help](#)[Return to Query](#)

New Hampshire Department of Environmental Services | PO Box 95 | 29 Hazen Drive | Concord, NH 03302-0095  
603.271.3503 | TDD Access: Relay NH 1.800.735.2964 | Hours: M-F, 8am-4pm

[.gov](#) | [privacy policy](#) | [accessibility policy](#)

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The New Hampshire Department of Environmental Services is dedicated to making more environmental information more readily available to more people while maintaining user confidence in the information. The information is the best available according to the procedures and standards of each of the contributing programs and of this system. The programs are regularly maintaining the information in their databases, and the system is periodically being modified to respond to user needs. As a result, the system may not always provide access to all existing information, and it may occasionally contain unintentional inaccuracies. The Department has made every effort to present information in a clear and understandable way for a variety of users. We can not be responsible, however, for the misuse or misinterpretation of the information presented by this system.

EXHIBIT D



# WETLANDS UTILITY MAINTENANCE NOTIFICATION

Land Resources Management  
Check the Status of your Notification:



RSA Rule: Env-Wt 100-900

Complete No. (see bottom of page 2): \_\_\_\_\_

Administrative Use Only	Administrative Use Only	Administrative Use Only	File Number:
			Check No.
			Amount:
			Initials:

This notification form and process is for the maintenance and in-kind repair of existing utility services within existing rights of way consistent with the *Best Management Practices Manual for Utility Maintenance In and Adjacent to Wetlands and Waterbodies in New Hampshire* (Utility BMP manual) published by the New Hampshire Department of Resources and Economic Development, (January 2010). Please read the Utility BMP manual ([http://www.nhdes.gov/Portals/0/Utilities/BMPManual.pdf](#)) and RSA 482-A:3, XV, ([http://www.nhdes.gov/Portals/0/Utilities/BMPManual.pdf](#)) before proceeding. Once the form is completed and submitted to the municipal clerk and NHDES Wetlands Bureau, in accordance with RSA 482-A:3, XV, work may begin.

<b>1. UTILITY PROVIDER/COMPANY</b>			
UTILITY PROVIDER / COMPANY NAME: New Hampshire Electric Cooperative, Inc.			
AUTHORIZED REPRESENTATIVE: James Bakas			
UTILITY MAILING ADDRESS: 579 Tenney Mtn Hwy			
TOWN/CITY: Plymouth		STATE: NH	ZIP CODE: 03264-3154
PHONE: 603-536-8603	FAX: 603-536-8818	EMAIL: bentond@nhec.com	
<b>2. PROJECT LOCATION - A separate notification must be filed for each municipality jurisdictional impact will occur in.</b>			
TOWN/CITY: Meredith		ZIP CODE: 03253	
<b>3. PROPOSED PROJECT DESCRIPTION</b>			
<p>The submarine cable serving Pine Island in Lake Winnepesaukee in the town of Meredith has failed.</p> <p>The cable service electricity to twenty-three homes on Pine Island and then another cable comes off the island to serve one home on Three Mile Island.</p> <p>The cable originates from riser pole 11511/3 off Powers road and is buried for approximately 162 feet to the shoreline of Lake Winnepesaukee, where it then travels approximately 440 feet along the lake bottom to Pine Island, where it is then buried an additional 82 feet to riser pole 11511/6.</p>			

COPY

**4. PROJECT TYPE**

- ☒ Equipment repair and maintenance in rights of way (ROW)
- ☐ Vegetative maintenance within ROW  
(If access through private property is needed to reach the ROW, permission from the landowner(s) is required prior to conducting work)
- ☐ Overhead Electric Lines ☐ Water supply Lines
- ☐ Overhead Telephone or Cable Lines ☐ Sewer Lines
- ☐ Natural Gas Lines ☒ Other: Submarine Cable

**5. IMPACTED RESOURCES - Check all that apply**

- ☒ Temporary Non-Tidal Wetland ☐ Temporary Intermittent Stream Crossing
- ☐ Temporary (2-years max) Perennial Stream or River Crossing

**6. ATTACHMENTS - Verify the following attachments are submitted with this form by checking each box below.**

- ☒ Copy of a USGS topographic map (at its original scale 1:24,000 or 1:25,000) with the project location(s) or utility corridor clearly identified
- ☒ \$200 filing fee (nonrefundable) made payable to: Treasurer, State of NH
- ☒ A Letter or memo from the Department of Resources and Economic Development's Natural Heritage Bureau (NHB) indicating that NHB has reviewed your project. Contact NHB at (603) 271-2215 ext. 323 or [redacted] for instructions on how to submit project information (method may vary depending on project complexity).  
NHB File No.: NHB18-0186&0187

**7. CONFIRMATIONS**

- ☒ All impacts are temporary and will be restored, repaired or removed upon completion of work.
- ☒ Temporary impacts are a result of in-kind repairs or replacement
- ☒ The [redacted] has reviewed the project and reported "No potential impacts" to exemplary natural communities and state-listed species OR such elements are present but I have received recommendations on how to avoid potential impacts from NHB and/or the NH Fish and Game Department.
- ☒ I have obtained, read, understand, and retained a copy of the *Best Management Practices Manual for Utility Maintenance in and Adjacent to Wetlands and Waterbodies in New Hampshire* published by the NH Department of Resources and Economic Development. Link: [redacted]
- ☒ I understand that I may not proceed with the work until this completed application package has been submitted to NHDES and the municipal clerk.
- ☒ I understand that once I submit this form, changes or additions to the projects within the municipality will be done by way of an amendment and within the 1 year duration of this Complete Utility Maintenance Notification.
- ☒ This notification does not exempt you from meeting all other local, state, or federal permits or requirements. Work carried out in violation of any statute rule or condition is subject to enforcement action.
- ☒ I will confirm that this Utility Notification has been deemed complete and has been issued a file number from NHDES by checking the "One-Stop Wetland Permits Query" at: [redacted] or by telephone at (603) 271-2147 before starting work. I will record the NHDES file number on the top of Page 1 of this form.
- ☒ This complete Utility Maintenance Notification is valid for one year from the Notification Completion Date as found on the NHDES One Stop website.

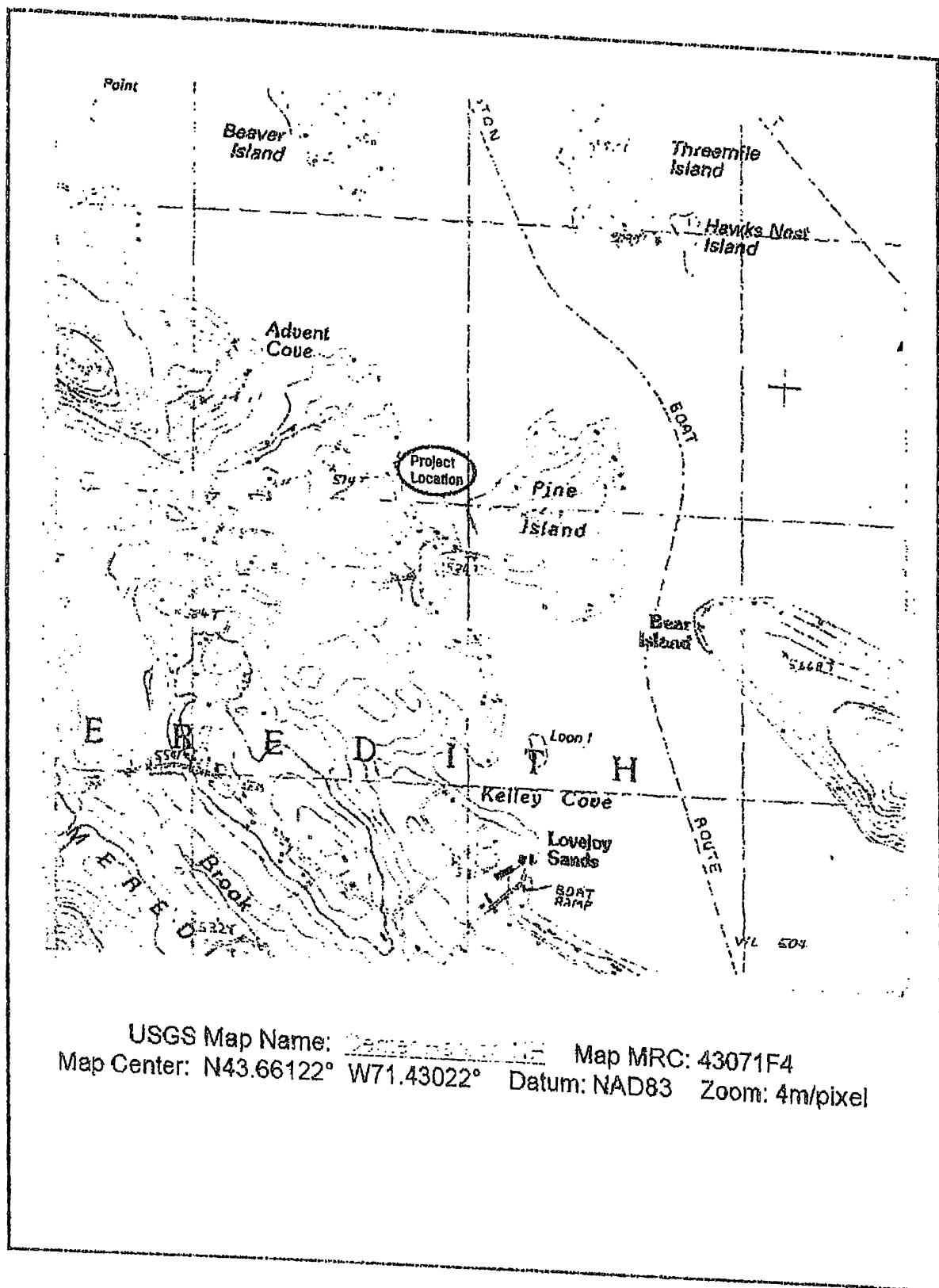
**8. SIGNATURE**

**JAMES T. BAKAS**  
PRINT NAME LEGIBLY

  
AUTHORIZED SIGNATURE

01/23/2018  
DATE

or (603) 271-2147  
NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095





## New Hampshire Natural Heritage Bureau

---

To: Dean Benton  
579 Tenney Mtn Hwy  
Plymouth, NH 03264

Date: 1/11/2018

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 1/11/2018

VALID ONLY FOR NOTIFICATION OR MINIMUM EXPEDITED APPLICATIONS SUBMITTED TO  
THE NHDES WETLANDS BUREAU

NHB File ID: NHB18-0186

Applicant: Dean Benton

Location: Tax Map(s)/Lot(s): Tax Map 101 Lot 11  
Meredith

Project Description: The submarine cable serving Pine Island in Lake Winnepesaukee in the town of Meredith has failed. The cable service electricity to twenty-three homes on Pine Island and then another cable comes off the island to serve one home on Three Mile Island. The cable originates from riser pole 11511/3 off Powers road and is buried for approximately 162 feet to the shoreline of Lake Winnepesaukee, where it then travels approximately 440 feet along the lake bottom to Pine Island, where it is then buried an additional 82 feet to riser pole 11511/6.

The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

This report is valid through 1/10/2019.





MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB18-0186





## New Hampshire Natural Heritage Bureau

---

**To:** Dean Benton  
579 Tenney Mtn Hwy  
Plymouth, NH 03264

**Date:** 1/11/2018

**From:** NH Natural Heritage Bureau

**Re:** Review by NH Natural Heritage Bureau of request dated 1/11/2018

VALID ONLY FOR NOTIFICATION OR MINIMUM EXPEDITED APPLICATIONS SUBMITTED TO  
THE NHDES WETLANDS BUREAU

NHB File ID: NHB18-0187

Applicant: Dean Benton

**Location:** Tax Map(s)/Lot(s): Tax Map U36 Lot 4  
Meredith

**Project Description:** The submarine cable serving Pine Island in Lake Winnepesaukee in the town of Meredith has failed. The cable service electricity to twenty-three homes on Pine Island and then another cable comes off the island to serve one home on Three Mile Island. The cable originates from riser pole 11511/3 off Powers road and is buried for approximately 162 feet to the shoreline of Lake Winnepesaukee, where it then travels approximately 440 feet along the lake bottom to Pine Island, where it is then buried an additional 82 feet to riser pole 11511/6.

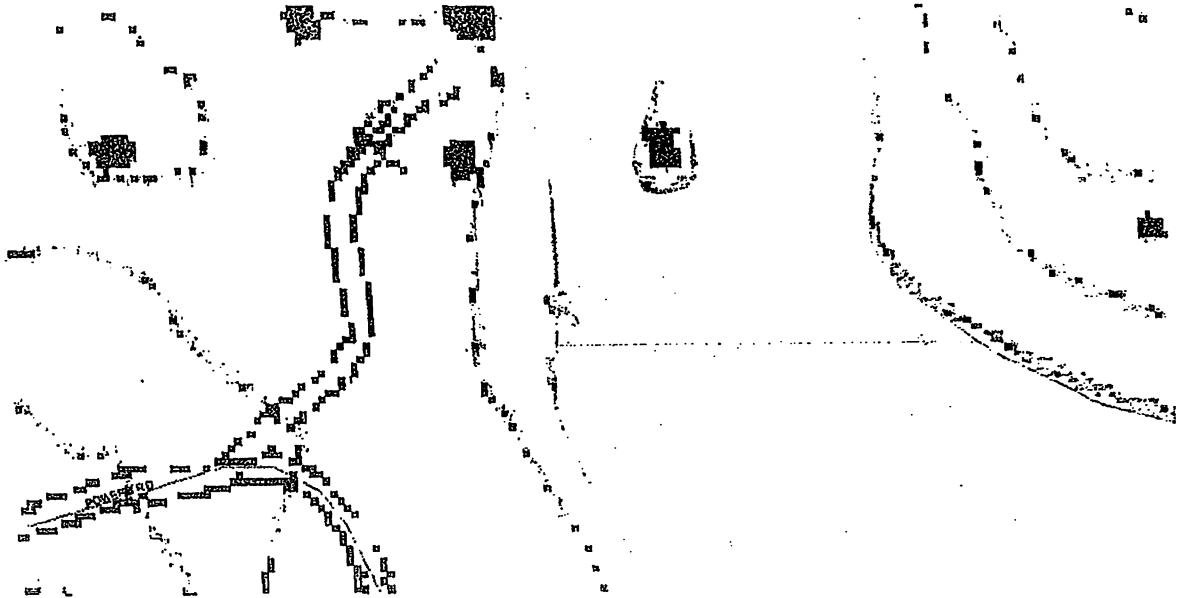
The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

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This report is valid through 1/10/2019.



MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB18-0187



## Pine Island Data Sheet

Property owner on the Mainland	Coop Account Info
Joann Shattuck Wilson and Edward Wilson Jr.	Jodi S. Wilson
(NHEC Account name- Jodi S. Wilson)	PO Box 1711
94 Powers Rd.	Meredith, NH 03253
Meredith, NH	603-293-0788
Tax Map U36, Lot 4	

Property owner on the Island	Coop Account Info
C&G Ahrens Family Trust	Cathy W. Ahrens
Glenn R. Ahens and Cathy W. Ahrens -Trustees	3 Van Ger Drive
10 Pine Island	Box, NH 03304
Tax Map I01, Lot 11	603-228-5338 -Home
	Cell phone 603-496-0791
	Business 603-230-1128

Construction Contractor	NH DES Contact
JCR Construction Company	Karl Benedict
181 Route 27	Wetlands Specialist
Raymond, NH 03077	NHDES Wetlands Bureau
603-895-4062	29 Hazen Drive, PO Box 95
	Concord, NH 03302
	Phone: (603) 271-4188
	Fax: (603) 271-6588

"CONSIDERATION LESS THAN \$100"

RIGHT OF EASEMENT

A Division of 02450

New Hampshire Electric Cooperative, Inc.

(2/68)

I/we .....Gretchen S. Shattuck..... of .....Dedham.....  
State of ..Massachusetts..... (Unmarried) (Husband and Wife) for consideration  
paid, grant to the WHITE MOUNTAIN POWER COMPANY, a New Hampshire corporation and  
the ..... Telephone Company, a ..... corporation,  
their respective successors and assign forever, with warranty covenants, the RIGHT and EASEMENT to  
construct, repair, operate, maintain, patrol, replace and remove overhead and underground lines, consisting  
of wires, cables, ducts, poles and other apparatus necessary for the transmission and distribution of elec-  
tricity and/or telephone service on, over and under my/our land in the city/town of ..Meredith.....  
....., County of .....Belknap....., New Hampshire,  
more particularly described as follows:

Land on the ....East..... side of ...Powers Road....., bounded northerly by  
land of .....Oliver....., southerly by land of .....Fields....., easterly  
by ~~land of Lake Winnepesaukee~~....., and westerly by ~~land of Powers Road~~.....;  
This easement by Mrs. Shattuck to the White Mountain Power Company covers the new location  
of the service pole and the proposed new cable to Pine Island and whatever power lines,  
poles and equipment are on Mrs. Shattuck's land.

This conveyance shall include the right to clear and keep clear a right-of-way of all trees and under-  
brush by such means as the grantees may select.

The location of said right-of-way shall be determined by mutual consent and become permanent upon  
the installation of said lines.

The width of the right-of-way clearing shall not exceed twenty (20) feet. Necessary guy wires  
and anchors may be located beyond the cleared area.

The grantor shall continue to enjoy use of the property for any purposes not adverse to the grantee's  
rights. Planting of trees, building of structures or storage of lumber and/or other materials within the  
granted right-of-way shall not be undertaken without the grantee's knowledge and consent. The grantee  
agrees to make reasonable modification of the lines within the grantor's property at the grantor's expense to  
accommodate future needs of the grantor in the use of his property.

The grantor (s) release to the grantee (s) all rights and dower/curtesy, homestead and other interests  
in the rights and easements hereby conveyed.

Witness my/our hand (s) and seal (s) this .....25<sup>th</sup>..... day of ..August.., 19.69

WITNESSES:

GRANTORS SIGNATURES:

.....Hilton J. Horne.....

.....Gretchen S. Shattuck.....

STATE OF NEW HAMPSHIRE  
County of .....Belknap.....

FILED  
Overseer Wheeler  
1970 APR 10 AM 9:50

On this 25<sup>th</sup> day of ..August.., 1969, before me the undersigned officer, personally appeared Mrs. Gretchen  
S. Shattuck..... known to me (or satisfactorily proved) to be the person(s) whose name(s) ..... is..... subscribed to the  
within instrument and acknowledged that he executed the same for the purpose therein contained.

In witness whereof I hereunto set my hand and official seal.

BK- 536 PGE-457

.....Hilton J. Horne.....  
Notary Public - Justice of the Peace

My commission expires .....January 6, 1974.....

I, H. R. Knight of Meredith

in consideration of one dollar and other valuable consideration, the receipt of which is hereby acknowledged, grant unto the White Mountain Power Company, a New Hampshire Corporation, its successors and assigns, the right to erect and maintain necessary wood poles, wires and other apparatus necessary for the transmission of electricity and/or telephone lines upon and over my property in the Town of Meredith New Hampshire, and the right to keep the trees and bushes cut, so much as is necessary for the proper protection of the Company's system.

The purpose of this right-of-way is to grant the White Mountain Power Company a right to cross my property with their line at its present location.

(Pine Island) 26/211 (Shindan Hill)

Dated June 9 16 1939

Witness

Josephine Eaton

Signed

Howard R. Knight



State of Ohio

County of Franklin ss.

June 16 1939

Personally appeared the above named

Howard R. Knight

and \_\_\_\_\_ and acknowledged the foregoing

instrument to be voluntary.

Helen Fox

Notary Public

Justice of Peace

RIGHT-OF-WAY #137

H. R. Knight

June 16, 1939

BELKNAP COUNTY REGISTRAR.	
RECEIVED	June 24 19 39
9 h.	30 m. A.M.
Recorded Book 239 Page 288	
Examined by	
<i>[Signature]</i> Registrar.	

**94 POWERS RD****Location** 94 POWERS RD**MBLU** U36/ 4/ / /**Acct#** 42850**Owner** WILSON, JOANN SHATTUCK&  
WILSON,EDWARD JR**Assessment** \$957,600**Appraisal** \$957,600**PID** 5238**Building Count** 2**Utility** Well,Septic**Current Value**

Appraisal			
Valuation Year	Improvements	Land	Total
2017	\$244,700	\$712,900	\$957,600
Assessment			
Valuation Year	Improvements	Land	Total
2017	\$244,700	\$712,900	\$957,600

**Owner of Record**

**Owner** WILSON, JOANN SHATTUCK& WILSON,EDWARD JR **Sale Price** \$0  
**Co-Owner** **Certificate**  
**Book & Page** 2310/0193  
**Sale Date** 06/20/2006  
**Instrument** 1A

**Ownership History**

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
WILSON, JOANN SHATTUCK& WILSON,EDWARD JR	\$0		2310/0193	1A	06/20/2006
WILSON, JOANN SHATTUCK	\$0		1851/ 44	1S	02/26/2003
WILSON, JOANN SHATTUCK	\$0		1786/ 311	1S	09/03/2002
SHATTUCK, EDMUND J JR 96 TRUST	\$0		/PRB#	1S	07/17/2001
SHATTUCK, EDMUND J	\$0		373/ 374	1V	10/11/1955

**Building Information****Building 1 : Section 1**

**Year Built:** 1947  
**Living Area:** 1,737

**Building Photo**



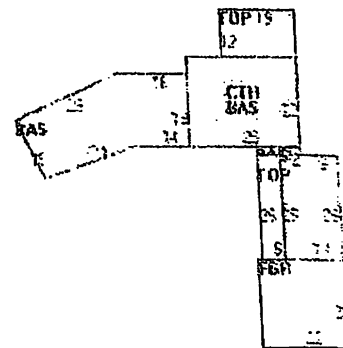
Replacement Cost: \$110,425  
 Building Percent: 64  
 Good:  
 Replacement Cost  
 Less Depreciation: \$70,700

**Building Attributes**

Field	Description
Style	Camp
Model	Residential
Grade:	Average
Stories:	1
Occupancy	1
Exterior Wall 1	Board & Batten
Exterior Wall 2	
Roof Structure:	Gable/Hip
Roof Cover	Asphalt
Interior Wall 1	K Pine boards
Interior Wall 2	
Interior Flr 1	Pine/Soft Wood
Interior Flr 2	
Heat Fuel	Coal/Wood/None
Heat Type:	None
AC Type:	None
Total Bedrooms:	3 Bedrooms
Total Bthrms:	2
Total Half Baths:	1
Total Xtra Fixtrs:	0
Total Rooms:	5
Bath Style:	Average/Modern
Kitchen Style:	Average/Modern



(<http://images.vgsi.com/photos/MeredithNHPhotos/\00\00\60\26.jpg>)

**Building Layout**

Building Sub-Areas (sq ft)			Legend	
Code	Description	Gross Area	Living Area	
BAS	First Floor	1,737	1,737	
CTH	Cathedral Ceiling	616	0	
FGR	Garage, Framed	484	0	
FOP	Porch, Open	384	0	
		3,221	1,737	

**Building 2 : Section 1**

Year Built: 2005  
 Living Area: 1,328  
 Replacement Cost: \$178,742  
 Building Percent: 92  
 Good:  
 Replacement Cost  
 Less Depreciation: \$164,400

**Building Attributes : Bldg 2 of 2**

Field	Description
Style	Ranch
Model	Residential

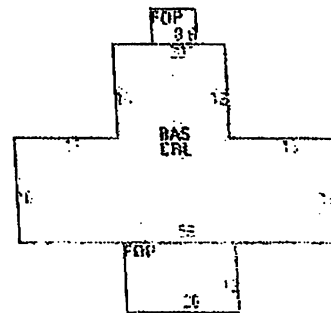
**Building Photo**

Grade:	Average +20
Stories:	1
Occupancy	1
Exterior Wall 1	Board & Batten
Exterior Wall 2	
Roof Structure:	Gable/Hip
Roof Cover	Asphalt
Interior Wall 1	Drywall
Interior Wall 2	
Interior Flr 1	Pine/Soft Wood
Interior Flr 2	
Heat Fuel	Gas
Heat Type:	Wall Unit
AC Type:	Heat Pump
Total Bedrooms:	3 Bedrooms
Total Bthrms:	1
Total Half Baths:	2
Total Xtra Fixtrs:	1
Total Rooms:	5
Bath Style:	Average/Modern
Kitchen Style:	Average/Modern



(http://images.vgsi.com/photos/MeredithNHPhotos/\00\00\60\25.jpg)

### Building Layout



Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	1,328	1,328
CRL	Crawl Space	1,328	0
FOP	Porch, Open	288	0
		2,944	1,328

### Extra Features

Extra Features				Legend
Code	Description	Size	Value	Bldg #
FPL1	FIREPLACE 1 ST	1 UNITS	\$1,900	1

### Land

#### Land Use

Use Code 1090  
 Description MULTI HSES  
 Zone S  
 Neighborhood W04  
 All Land Appr No

#### Land Line Valuation

Size (Acres) 1.48  
 Depth 0  
 Assessed Value \$712,900  
 Appraised Value \$712,900

## Category

## Outbuildings

Outbuildings				Legend	
Code	Description	Sub Code	Sub Description	Size	Bldg #
PAT2	PATIO-GOOD			144 S.F.	2
DCK1	DOCK-AVG			240 S.F.	1
PAT1	PATIO-AVG			382 S.F.	1
PAT1	PATIO-AVG			300 S.F.	1

## Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2016	\$238,000	\$696,900	\$934,900
Assessment			
Valuation Year	Improvements	Land	Total
2016	\$238,000	\$696,900	\$934,900

**10 PINE ISLAND****Location** 10 PINE ISLAND**MBLU** 101/ 11/ //**Acct#** 16630**Owner** AHRENS, C & G FAMILY  
TRUST**Assessment** \$363,000**Appraisal** \$363,000**PID** 22**Building Count** 1**Utility** Septic,Lake Water**Current Value**

Appraisal			
Valuation Year	Improvements	Land	Total
2017	\$61,200	\$301,800	\$363,000
Assessment			
Valuation Year	Improvements	Land	Total
2017	\$61,200	\$301,800	\$363,000

**Owner of Record****Owner** AHRENS, C & G FAMILY TRUST  
**Co-Owner** AHRENS, GLENN R & CATHY W TRUSTEES**Sale Price** \$0  
**Certificate**  
**Book & Page** 2942/0497  
**Sale Date** 11/18/2014  
**Instrument** 1A**Ownership History**

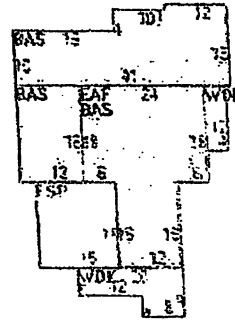
Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
AHRENS, C & G FAMILY TRUST	\$0		2942/0497	1A	11/18/2014
AHRENS, GLENN R & CATHY W	\$305,500		2660/0127	10	09/02/2010
2004 FRENCH, MARIAN S REVOCABLE TRUST	\$0		2488/0235	1A	04/21/2008
FRENCH, HERBERT SPENCER JR & MARIAN SOUTH	\$7,000		0420/0071	00	11/29/1961

**Building Information****Building 1 : Section 1****Year Built:** 1891  
**Living Area:** 1,537  
**Replacement Cost:** \$87,271**Building Photo**

### Building Attributes

A black and white photograph of a large, multi-story wooden building, likely a school or institutional structure, with a prominent chimney and a covered porch area. The building is surrounded by trees and appears to be situated on a hillside.

## Building Layout



## Extra Features

**Land**

### Land Line Valuation

Size (Acres)	2.07
Depth	

Zone S  
 Neighborhood PI  
 Alt Land Appr No  
 Category

Assessed Value \$301,800  
 Appraised Value \$301,800

**Outbuildings**

Outbuildings						Legend
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
DCK1	DOCK-AVG			346 S.F.	\$6,100	1

**Valuation History**

Appraisal			
Valuation Year	Improvements	Land	Total
2016	\$66,000	\$272,600	\$338,600

Assessment			
Valuation Year	Improvements	Land	Total
2016	\$66,000	\$272,600	\$338,600

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D-13443

WHITE MOUNTAIN POWER COMPANY

Petition for a license to cross public waters.

200.

Appearances for the petitioner, Alice Sellers.

00.

ORDER NO. 6669

WHEREAS, R. L. c. 294, s. 17 was amended by Laws of 1953, s. 2, in such manner as to more clearly define the jurisdiction of this Commission with respect to the crossing of public waters by public utilities; and

WHEREAS, the White Mountain Power Company petitioned this Commission for licenses to construct and maintain the water crossings below listed, thereby legalizing existing crossings; and

WHEREAS, after hearing held upon said petition in Concord on August 17, 1955, at which no opposition appeared, this Commission finds that, in order to meet the reasonable requirements of service to the public, it is necessary that said water crossings should be constructed and maintained, and that the licenses petitioned for may be exercised without substantially affecting the public rights in the waters crossed, and hereby renders judgment granting said licenses; it is

ORDERED, that licenses be, and hereby are granted to the White Mountain Power Company to construct and maintain lines of wires and cables across public waters at the sites specified as follows:

1. Over Lake Winnepesaukee at Route No. 11 highway bridge in Alton Bay in the Town of Alton, as shown on Plan No. 1.
2. Over Little Squam Lake at Route No. 3 highway bridge in the Town of Holderness, as shown on Plan No. 2.

3. Over the southwest corner of Highland Lake in the Town of Andover, as shown on Plan No. 3.
4. Over the southwest corner of Highland Lake adjacent to No. 3 above, in the Town of Andover, as shown on Plan No. 4.
5. Over the northeast section of Highland Lake in the Town of East Andover, as shown on Plan No. 5.
6. Over the northwest corner of Stinson Lake in the Town of Rumney, as shown on Plan No. 6.
7. Over the northern inlet of Stinson Lake in the Town of Rumney, as shown on Plan No. 7.
8. Over the northern inlet of Stinson Lake in the Town of Rumney, as shown on Plan No. 8.
9. Over Lake Waukegan at the Waukegan Road bridge in the Towns of Center Harbor and New Hampton, as shown on Plan No. 9.
10. Under Squam Lake from the mainland to Kent Island in the Town of Moultonboro, as shown on Plan No. 10.
11. Over Lake Winnepesaukee from the northern shore of Moultonboro Neck to an island owned by Arthur J. May, in the Town of Moultonboro, as shown on Plan No. 11.
12. Over Lake Winnepesaukee from Moultonboro Neck to Long Island, at the highway bridge in the Town of Moultonboro, as shown on Plan No. 12.
13. Over Lake Winnepesaukee from Moultonboro Neck to Black Island in the Town of Moultonboro, as shown on Plan No. 13.
14. Over Salmon Meadow Cove in Lake Winnepesaukee in the Town of Moultonboro, as shown on Plan No. 14.
15. Under Lake Winnepesaukee from Meredith Neck to Pine Island in the Town of Meredith, as shown on Plan No. 15.

said licenses to remain in full force and effect until revoked by this Commission.

By order of the Public Utilities Commission of New Hampshire  
this first day of September, 1955.

James W. Poon  
Secretary

RECEIVED  
SEP 11 1955  
PUBLIC UTILITIES COMMISSION  
NEW HAMPSHIRE



TOWN OF MEREDITH

PINE ISLAND 21

Plan # 14

PROPERTY OWNER:

Edmond J. Shattuck  
92 River Place  
Dedham, Mass.

PROPERTY OWNER:

Sheridan W. Bell  
12 Franklin St.  
Delaware, Ohio

W.M.P. Co.  
POLE #36-167

546'

W.M.P. Co.  
POLE #36-213

LAKE  
WINNIPESAUKEE

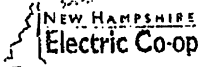
#6/2 PARKWAY CABLE, 2400 VOLTS

W.M.P. Co.  
POLE #36-167

LAKE WINNIPESAUKEE

W.M.P. Co.  
POLE #36-

PLEASE DETACH AND RETAIN



579 Tenney Mountain Highway  
Plymouth, NH 03264-3154

No. 162998

Date: 01/19/2018

DATE	INVOICE	DESCRIPTION	GROSS	NET
01/16/2018	APP FEE	FILING FEE NH WETLANDS\PINE IS-MEREDITH	200.00	200.00
Totals:			200.00	200.00

VOID AFTER 180 DAYS

Accounts Payable

No. 162998

54-7513/113



579 Tenney Mountain Highway  
Plymouth, NH 03264-3154

TWO HUNDRED AND NO / 100\*\*\*\*\*

Void after 180 days

PAY STATE OF NH - TREASURER  
TO NHDES WETLANDS BUREAU  
THE PO BOX 95  
ORDER CONCORD NH 03302-0095  
OF

DATE	CHECK NO.	AMOUNT
01/19/2018	162998	\$*****200.00

Aaron L. Davis



# SHORELAND PERMIT BY NOTIFICATION (PBN)

Water Division/ Shoreland Program

Land Resources Management

Check the status of your PBN: <https://www.des.nh.gov/onestop/>

RSA/Rule: RSA 483-B, Env-Wq 1400



<b>RECEIVED</b> Administrative Use Only MAY 02 2018 NHDES LAND RESOURCES MANAGEMENT	<input checked="" type="checkbox"/> PBN Accepted, Expires: <b>5/3/2023</b>	Reviewer Initials: <b>CWD</b>
	<input type="checkbox"/> PBN Rejected	Admin Initials: <b>RS</b>
	File Number: <b>2018-01227</b>	Amount: <b>—</b>
	Check No. <b>Fee Exempt</b>	

This form requests authorization to excavate, fill, or construct new structures within the protected shoreland, which is 250 feet landward of the reference line, as regulated under RSA 483-B. Refer to the cover sheet to determine your eligibility to use this form in lieu of the standard Shoreland Permit Application. Please type or print clearly. Please note: Notification packages missing required components will be rejected and the fee will not be returned.

<b>1. PROPERTY OWNER</b>			
LAST NAME, FIRST NAME, M.I.: Wilson, Joann and Edward Wilson			
ADDRESS: PO Box 1711	TOWN/CITY: Meredith	STATE: NH	ZIP CODE: 03253
PHONE: 603-455-3590	EMAIL: jwilson@metrocast.net, <b>edwilson@metrocast.net</b>		
<b>2. PROJECT LOCATION</b>			
ADDRESS: 94 Powers Road	TOWN/CITY: Meredith	STATE: NH	ZIP CODE: 03253
WATERBODY NAME: Lake Winnepesaukee	TAX MAP: U36	LOT NUMBER: 4	
<b>3. CONTRACTOR OR AGENT</b>			
LAST NAME, FIRST NAME, M.I.: Dean Benton for New Hampshire Electric Cooperative, Inc.			
ADDRESS: 579 Tenney Mtn Hwy	TOWN/CITY: Plymouth	STATE: NH	ZIP CODE: 03264-3154
PHONE: 603-536-8603	EMAIL: bentond@nhec.com		
<b>4. PROJECT DESCRIPTION</b>			
<p><u>Description of the project to replace cable to Pine Island by the New Hampshire Electric Cooperative, Inc.</u></p> <p>The submarine cable serving twenty-three homes on Pine Island and one home on Three Mile Island in Lake Winnepesaukee in the town of Meredith has failed. The New Hampshire Electric Cooperative has temporarily repaired it, but the cable needs to be replaced to be a reliable source of power. The directly buried cable originates from riser pole 11511/3 on the Wilson property, off Powers Road. We need to re-trench new cable from that pole location approximately 162 feet to the shoreline of Lake Winnepesaukee, the cable will then be trenched out into the water to a depth of 6 feet and then covered with concrete covers to a point about 8' from the shoreline. The trenching will be about 3' wide. The cable will then travel approximately 440 feet along the bottom of Lake Winnepesaukee to Pine Island, where we will re-trench the cable about 40 feet up from the shoreline and placing it in conduit, we will also replace the existing pole and anchor to meet today's standards. This incoming cable will also be trenched out into the water until it is in a depth 6 feet and concrete covers will be placed over it to a point about 8' from the shoreline. The trenching will be about 3' wide.</p>			
TOTAL SQUARE FEET OF IMPACT: 240 TOTAL SQUARE FEET OF NEW IMPERVIOUS AREA: 0			
Total impact area is determined by the sum of all areas disturbed by excavation, filling, and construction. Examples include, but are not limited to: constructing new driveways, constructing new structures, removing or replacing structure foundations, grading, and installing a new septic system or well.			

[lm@des.nh.gov](mailto:lm@des.nh.gov) or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095  
[www.des.nh.gov](http://www.des.nh.gov)

## EXHIBIT E-1

**5. PBN CRITERIA: Check one of the following project type criteria.**

(RSA 483-B:5-b)

<input type="checkbox"/> 1. STANDARD	This project impacts less than 1,500 square feet of which no more than 900 square feet is a net increase in impervious area.
<input type="checkbox"/> 2.	This project is directly related to stormwater management improvements, erosion control, or environmental restoration or enhancement. PBN Impact Limit: None / Fee: \$100.
<input checked="" type="checkbox"/> 3.	This project is for the maintenance, repair or improvement of public utilities, public roads, or public access facilities. PBN Impact Limit: None / Fee: Fee Exempt.
<input type="checkbox"/> 4.	Per Env-Wq 1406.05, this project consists of geotechnical borings, test wells, drinking water wells or is a site remediation project. PBN Impact Limit: None / Fee: Capped at \$250.

**6. FEE**

The PBN fee is the standard permit application fee of \$100 plus \$0.10 per square foot of the total impact area in Section 4. For example, 500 square feet of impact equals a fee of \$150. Projects solely funded by municipal, county, state or federal entities are fee exempt, and the special project types in Section 5 have alternate fee schedules as listed above.  
Checks and money orders payable to "Treasurer - State of NH".

**TOTAL FEE: \$ EXEMPT**

**7. PHOTOS**

Required for all projects.	Dated photographs of <u>each</u> area proposed to be impacted.
----------------------------	--

**8. PLAN REQUIREMENTS: Check Yes or No to all statements, and review the applicable plan requirements. If your plans do not include the information that is required, your notification will be rejected.**

Required for all projects.	A clear and detailed plan of work depicting, at a minimum, all the impact areas, the reference line and property lines. Plans that are not to scale must show all relevant distances and dimensions.	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	This project proposes an increase in <u>impervious</u> (i.e. non-permeable) area. Plans must include the dimensions and locations of all existing and proposed impervious surfaces within 250 feet of the reference line. Decks are typically considered impervious.	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	< 20%	This project proposes an increase in impervious area, and the total post-construction impervious area within 250 feet of the reference line will not exceed 20%.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	20 – 30%	This project proposes an increase in impervious area such that the total impervious area within 250 feet of the reference line will be greater than 20% but less than 30%. Plans must include a stormwater management system that will infiltrate increased stormwater runoff from development per <u>RSA 483-B:9, V(g)(2)</u> and in accordance with <u>Env-Wq 1500</u> .
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	> 30%	This project proposes an increase in impervious area such that the total impervious area within 250 feet of the reference line will be greater than 30%. Plans must include a stormwater management system designed and certified by a professional engineer to account for all new development, <u>and</u> plans must demonstrate how the vegetation point score is met as per RSA 483-B:9, V(g)(1,3).
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project proposes impacts within 50 feet of the reference line. Plans and photos must show each area of the Waterfront Buffer that will be impacted, including groundcover, and calculate the tree point scores in accordance with the <u>Vegetation Management Fact Sheet</u> .	

lrm@des.nh.gov or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project proposes impacts between 50 and 150 feet of the reference line. Plans must depict the 25% area of the Woodland Buffer to be designated and maintained as natural woodland. See the <u>Vegetation Management Fact Sheet</u> .
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	This project proposes to install or expand an <u>accessory structure</u> , such as a patio or shed, within 50 feet of the reference line. Plans must demonstrate that the limits and setbacks for accessory structures will be met. Review these requirements at the link above or in Env-Wq 1405.  The <u>shoreland frontage</u> on this lot is: _____ linear feet. <input type="checkbox"/> N/A – There is no direct frontage on this lot.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	This project proposes a pervious (i.e. permeable) surface technology. Plans must include the location and type of the surface and a cross-section depicting the construction method, materials and specifications as to how this surface will be maintained as a pervious technology.

**9. CONDITIONS: Initial each of the required conditions below.**

(Env-Wq 1406.20)

- DWB for NHEC 4/10/18*
- ☒ 1. Erosion and siltation control measures shall: be installed prior to the start of work; be maintained throughout the project; and remain in place until all disturbed surfaces are stabilized.
- DWB for NHEC 4/10/18*
- ☒ 2. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
- DWB for NHEC 4/10/18*
- ☒ 3. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
- DWB for NHEC 4/10/18*
- ☒ 4. Any fill used shall be clean sand, gravel, rock, or other suitable material.
- DWB for NHEC 4/10/18*
- ☒ 5. For any project where mechanized equipment will be used, orange construction fence shall: be installed prior to the start of work at the limits of the temporary impact area as shown on the plans approved as part of a permit or accepted as part of the permit by notification; be maintained throughout the project; and remain in place until all mechanized equipment has been removed from the site.

**10. CERTIFICATIONS: Initial each of the required certifications below.**

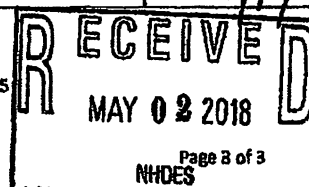
(Env-Wq 1406.18)

- DWB for NHEC 4/10/18*
- ☒ 1. The property owner shall sign the notification form.
- DWB for NHEC 4/10/18 (Property owner requested this remain un-checked)*
- ☐ 2. The signature(s) shall constitute certification that: the information provided is true, complete, and not misleading to the knowledge and belief of the signer; the signer understands that any permit by notification obtained based on false, incomplete, or misleading information is not valid; the project as proposed complies with the minimum standards established in RSA 483-B:9, V and will be constructed in strict accordance with the proposal; the signer accepts the responsibility for understanding and maintaining compliance with RSA 483-B and these rules; the signer understands that an accepted shoreland permit by notification shall not exempt the work proposed from other state, local, or federal approvals; and the signer understands that incomplete notifications shall be rejected and the notification fee shall not be returned. The signer is subject to the applicable penalties in RSA 641, Falsification in Official Matters.

**11. SIGNATURE OF OWNER**

OWNER SIGNATURE: <i>Edward J. Wilson Jr.</i>	PRINT NAME LEGIBLY: <i>Edward J. Wilson Jr.</i>	DATE: <i>4/7/18</i>
OWNER SIGNATURE: <i>JoAnn S. Wilson</i>	PRINT NAME LEGIBLY: <i>JoAnn S. Wilson</i>	DATE: <i>4/7/2018</i>

irm@des.nh.gov or (603) 271-2147  
 NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095  
 www.des.nh.gov





# SHORELAND PERMIT BY NOTIFICATION (PBN)

Water Division/ Shoreland Program  
Land Resources Management

Check the status of your PBN: <https://www.des.nh.gov/onestop/>



RSA/Rule: RSA 483-B, Env-Wq 1400

<b>RECEIVED</b> Administrative APR 27 2018 Only NHDES LAND RESOURCES MANAGEMENT	<input checked="" type="checkbox"/> PBN Accepted, Expires: <u>4/28/2023</u>	Reviewer Initials: <u>CWD</u>
	<input type="checkbox"/> PBN Rejected	Admin Initials: <u>Emk</u>
	File Number: <u>2018-01197</u>	Amount: <u>Fee Exempt</u>
	Check No. <u>N/A</u>	

This form requests authorization to excavate, fill, or construct new structures within the protected shoreland, which is 250 feet landward of the reference line, as regulated under RSA 483-B. Refer to the cover sheet to determine your eligibility to use this form in lieu of the standard Shoreland Permit Application. Please type or print clearly. Please note: Notification packages missing required components will be rejected and the fee will not be returned.

## 1. PROPERTY OWNER

LAST NAME, FIRST NAME, M.I.: Ahrens Family Trust, C&G- Glenn R. Ahrens and Cathy W. Ahrens, Trustees

ADDRESS: 3 Van Ger Drive

TOWN/CITY: Bow

STATE: NH

ZIP CODE: 03304

PHONE: 603-496-0791

EMAIL: wendel68@comcast.net

## 2. PROJECT LOCATION

ADDRESS: 10 Pine Island

TOWN/CITY: Meredith

STATE: NH

ZIP CODE: 03253

WATERBODY NAME: Winnepesaukee

TAX MAP: 101

LOT NUMBER: 11

## 3. CONTRACTOR OR AGENT

LAST NAME, FIRST NAME, M.I.: Dean Benton for New Hampshire Electric Cooperative, Inc.

ADDRESS: 579 Tenney Mtn Hwy

TOWN/CITY:  
Plymouth

STATE: NH

ZIP CODE:  
03264-3154

PHONE: 603-536-8603

EMAIL: bentond@nhec.com

## 4. PROJECT DESCRIPTION

Provide a brief description of the proposed project including square footage of impacts and dimensions of new structures.

The New Hampshire Electric Cooperative needs replace the submarine cable that feeds from Powers Road in Meredith to Pine Island, where it supplies power to twenty-three homes and one home on Three Mile Island.

The submarine cable has temporarily been repaired but needs to be replaced to be a reliable source of power to the 24 homes on these two islands.

On Pine Island, we will need to set a new pole and anchor, retrench the cable about 40 feet up from the shoreline and place it in conduit. The cable will also be trenched out into the water until it is under 6 feet of water and concrete covers will cover it to a point about 8' from the shoreline. The trenching will be about 3' wide.

TOTAL SQUARE FEET OF IMPACT: 240 TOTAL SQUARE FEET OF NEW IMPERVIOUS AREA: 0

Total Impact area is determined by the sum of all areas disturbed by excavation, filling, and construction. Examples include, but are not limited to: constructing new driveways, constructing new structures, removing or replacing structure foundations, grading, and installing a new septic system or well.

[lrn@des.nh.gov](mailto:lrn@des.nh.gov) or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

[www.des.nh.gov](http://www.des.nh.gov)

# EXHIBIT E-2

**5. PBN CRITERIA: Check one of the following project type criteria.**

(RSA 483-B:5-b)

<input type="checkbox"/> 1. STANDARD	This project impacts less than 1,500 square feet of which no more than 900 square feet is a net increase in impervious area.
<input type="checkbox"/> 2.	This project is directly related to stormwater management improvements, erosion control, or environmental restoration or enhancement. <i>PBN Impact Limit: None / Fee: \$100.</i>
<input checked="" type="checkbox"/> 3.	This project is for the maintenance, repair or improvement of public utilities, public roads, or public access facilities. <i>PBN Impact Limit: None / Fee: Fee Exempt.</i>
<input type="checkbox"/> 4.	Per Env-Wq 1406.05, this project consists of geotechnical borings, test wells, drinking water wells or is a site remediation project. <i>PBN Impact Limit: None / Fee: Capped at \$250.</i>

**6. FEE**

The PBN fee is the standard permit application fee of \$100 plus \$0.10 per square foot of the total impact area in Section 4. For example, 500 square feet of impact equals a fee of \$150. Projects solely funded by municipal, county, state or federal entities are fee exempt, and the special project types in Section 5 have alternate fee schedules as listed above.  
 Checks and money orders payable to "Treasurer - State of NH". **TOTAL FEE: \$EXEMPT**

**7. PHOTOS**

Required for all projects.	Dated photographs of <u>each</u> area proposed to be impacted.
----------------------------	--

**8. PLAN REQUIREMENTS: Check Yes or No to all statements, and review the applicable plan requirements. If your plans do not include the information that is required, your notification will be rejected.**

Required for all projects.	A clear and detailed plan of work depicting, at a minimum, all the impact areas, the reference line and property lines. Plans that are not to scale must show all relevant distances and dimensions.	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	This project proposes an increase in <u>impervious</u> (i.e. non-permeable) area. Plans must include the dimensions and locations of all existing and proposed impervious surfaces within 250 feet of the reference line. Decks are typically considered impervious.	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	< 20%	This project proposes an increase in impervious area, and the total post-construction impervious area within 250 feet of the reference line will not exceed 20%.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	20 – 30%	This project proposes an increase in impervious area such that the total impervious area within 250 feet of the reference line will be greater than 20% but less than 30%. Plans must include a stormwater management system that will infiltrate increased stormwater runoff from development per <u>RSA 483-B:9, V(g)(2)</u> and in accordance with <u>Env-Wq 1500</u> .
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	> 30%	This project proposes an increase in impervious area such that the total impervious area within 250 feet of the reference line will be greater than 30%. Plans must include a stormwater management system designed and certified by a professional engineer to account for all new development, <u>and</u> plans must demonstrate how the vegetation point score is met as per RSA 483-B:9, V(g)(1,3).
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project proposes impacts within 50 feet of the reference line. Plans and photos must show each area of the Waterfront Buffer that will be impacted, including groundcover, and calculate the tree point scores in accordance with the <u>Vegetation Management Fact Sheet</u> .	

lrm@des.nh.gov or (603) 271 2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095  
 www.des.nh.gov



<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project proposes Impacts between 50 and 150 feet of the reference line. Plans must depict the 25% area of the Woodland Buffer to be designated and maintained as natural woodland. See the <u>Vegetation Management Fact Sheet</u> . <b>SEE ATTACHED DETAILED PHOTO -</b>
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	This project proposes to install or expand an <u>accessory structure</u> , such as a patio or shed, within 50 feet of the reference line. Plans must demonstrate that the limits and setbacks for accessory structures will be met. Review these requirements at the link above or in Env-Wq 1405.  The <u>shoreland frontage</u> on this lot is: _____ linear feet. <input type="checkbox"/> N/A – There is no direct frontage on this lot.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	This project proposes a pervious (i.e. permeable) surface technology. Plans must include the location and type of the surface and a cross-section depicting the construction method, materials and specifications as to how this surface will be maintained as a pervious technology.

**9. CONDITIONS: Initial each of the required conditions below.**

(Env-Wq 1406.20)

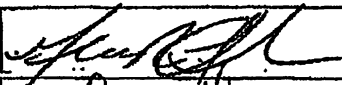
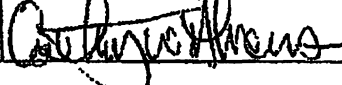
- ☒ 1. Erosion and siltation control measures shall: be installed prior to the start of work; be maintained throughout the project; and remain in place until all disturbed surfaces are stabilized.
- ☒ 2. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
- ☒ 3. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
- ☒ 4. Any fill used shall be clean sand, gravel, rock, or other suitable material.
- ☒ 5. For any project where mechanized equipment will be used, orange construction fence shall: be installed prior to the start of work at the limits of the temporary impact area as shown on the plans approved as part of a permit or accepted as part of the permit by notification; be maintained throughout the project; and remain in place until all mechanized equipment has been removed from the site.

**10. CERTIFICATIONS: Initial each of the required certifications below.**

(Env-Wq 1406.18)

- ☒ 1. The property owner shall sign the notification form.
- ☒ 2. The signature(s) shall constitute certification that: the information provided is true, complete, and not misleading to the knowledge and belief of the signer; the signer understands that any permit by notification obtained based on false, incomplete, or misleading information is not valid; the project as proposed complies with the minimum standards established in RSA 483-B:9, V and will be constructed in strict accordance with the proposal; the signer accepts the responsibility for understanding and maintaining compliance with RSA 483-B and these rules; the signer understands that an accepted shoreland permit by notification shall not exempt the work proposed from other state, local, or federal approvals; and the signer understands that incomplete notifications shall be rejected and the notification fee shall not be returned. The signer is subject to the applicable penalties in RSA 641, Falsification in Official Matters.

**11. SIGNATURE OF OWNER**

OWNER SIGNATURE:		PRINT NAME LEGIBLY: Glenn R. Ahrens	DATE: 2/4/18
OWNER SIGNATURE:		PRINT NAME LEGIBLY: Cathy W. Ahrens	DATE: 2/4/18

irm@des.nh.gov or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov



# SUBMARINE CABLE

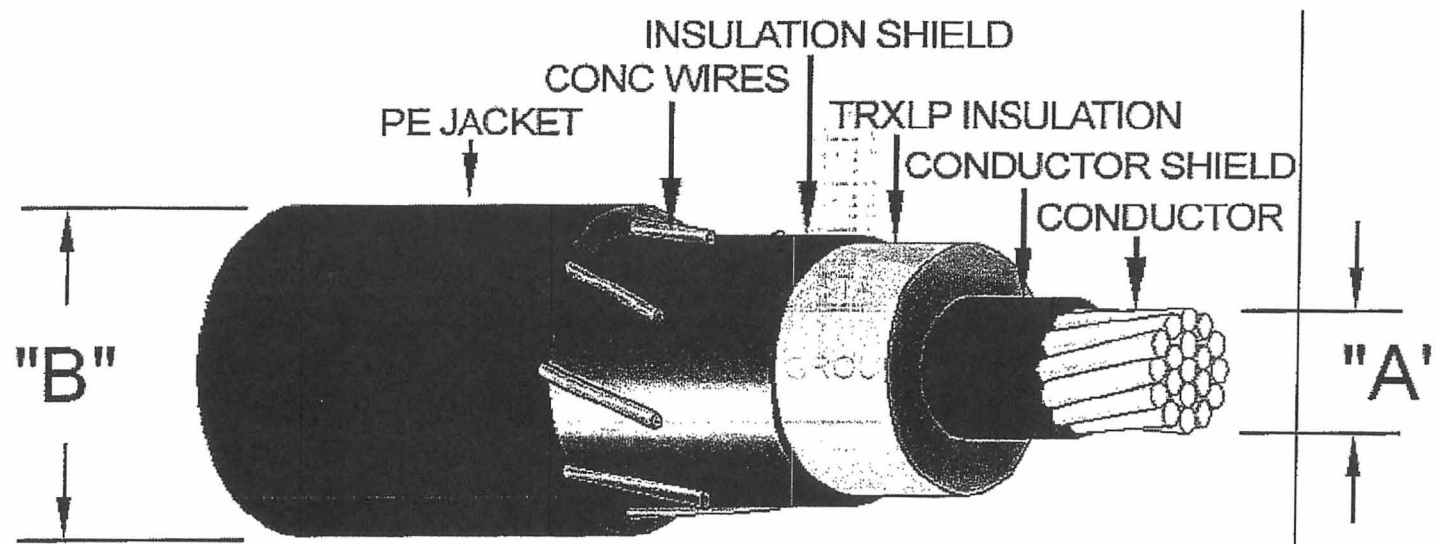


EXHIBIT F

	Material #	Description	A(IN.)	B(IN.)
UW1.010.SUB	15560005	Cond, Sub 1/0 AL 15 kV	.398	1.720
ZUW1.010.SUB	15560006	Cond, Sub 1/0 AL 35 kV	-	-



## CONSTRUCTION STANDARDS

PRIMARY UNDERGROUND CABLE

UW1

ISSUE DATE: 01/06

# IUSUB

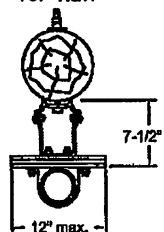
## MATERIALS FURNISHED AND INSTALLED BY CONSUMER

- ① 4" CONDUIT  
SCHEDULE 80 PVC
- ② 4" 90° SWEEP  
GALVANIZED STEEL
- ③ 4" ADAPTER  
(IF NEEDED)
- ④ CONDUIT END CAPS
- ⑤ 1/4" POLYPROPYLENE STRING  
INSTALLED IN ALL CONDUITS WITH STRING  
EXPOSED AND TIED OFF AT ENDS THRU  
CAPS AT END OF CONDUIT.

## MATERIALS FURNISHED AND INSTALLED BY NHEC

- POLE  
GROUND ROD AND CONNECTOR  
ALUMA-FORM STANDOFF BRACKETS

### STANDOFF BRACKET TOP VIEW

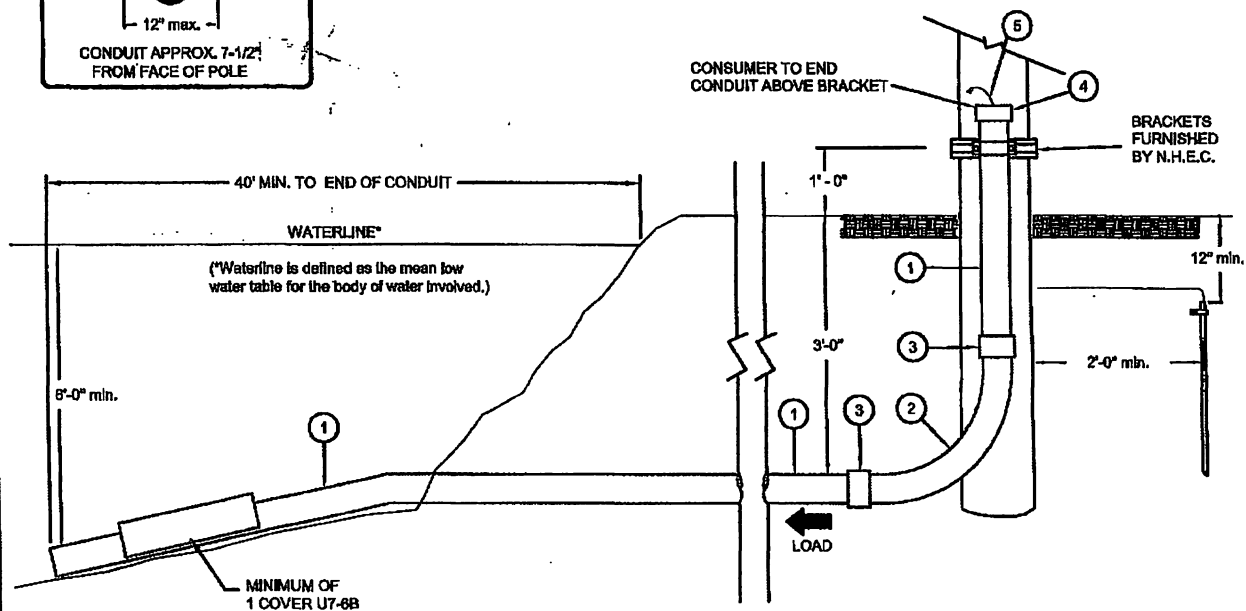


CONDUIT APPROX. 7-1/2"  
FROM FACE OF POLE

### STANDOFF BRACKET IMPORTANT NOTES:

CONTRACTOR SWEEPS CONDUIT TO 7-1/2" FROM FACE OF POLE.

NHEC PERSONNEL WILL PROVIDE A STANDOFF BRACKET TO ASSIST  
STEEL SWEEP DISTANCE TO THE POLE.



### NOTES:

- 1.) ALL CONDUIT AND ACCESSORIES MUST MEET ELECTRICAL GRADE SPECIFICATIONS.
- 2.) ALL CONSUMER FURNISHED MATERIAL TO BE ON HAND, AND ALL NECESSARY EXCAVATION AND CONDUIT READY PRIOR TO TIME OF INSTALLATION OF EQUIPMENT ON POLE BY NHEC PERSONNEL.
- 3.) CONDUIT TO BE ON QUADRANT OF POLE OPPOSITE FLOW OF TRAFFIC.



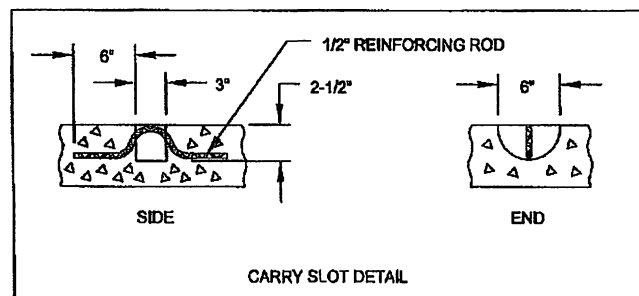
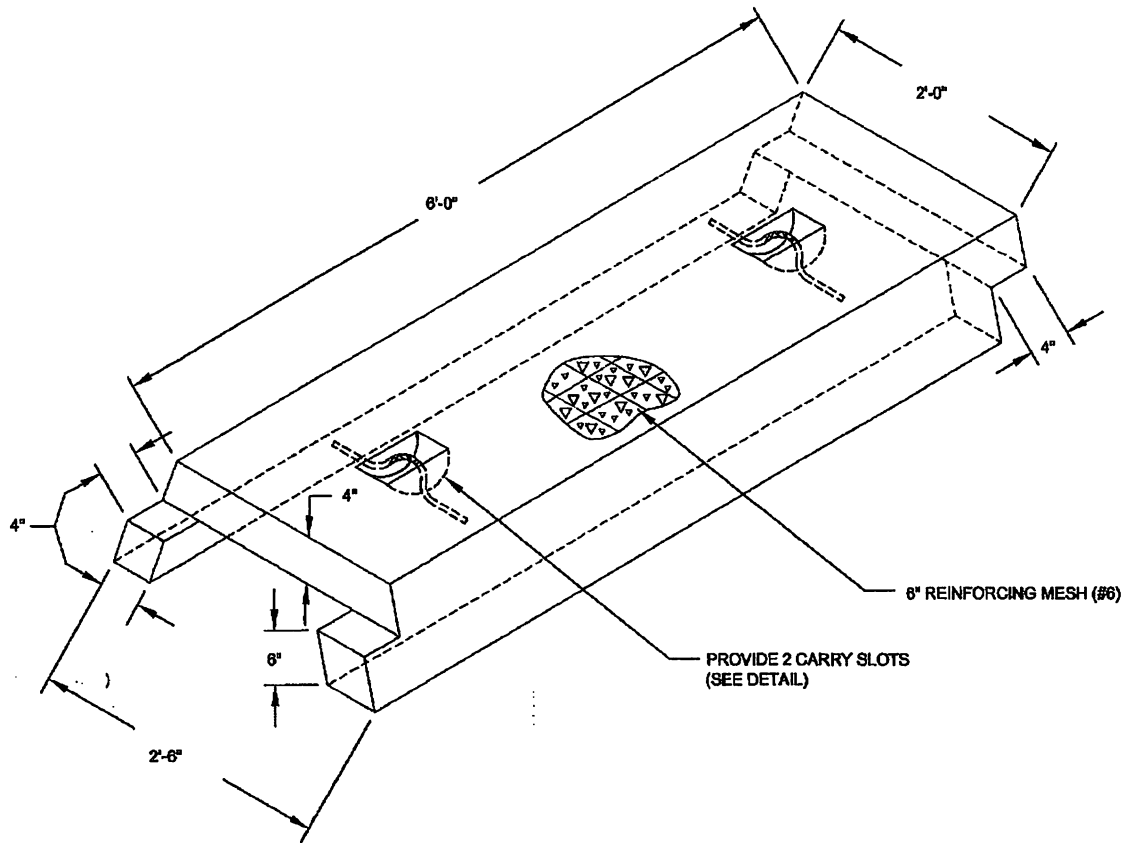
CONSTRUCTION STANDARDS  
UNDERGROUND PRIMARY  
RADIAL FEED  
PRIMARY POLE MATERIALS

IUSUB

ISSUE DATE: 01/06

EXHIBIT G

U7-6B



**NOTE:**

- 1.) CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 5000 P.S.I. AFTER 28 DAYS WHEN TESTED IN ACCORDANCE WITH ASTM C 39-72 (LATEST EDITION).



CONSTRUCTION STANDARDS

UNDERWATER CABLE COVER

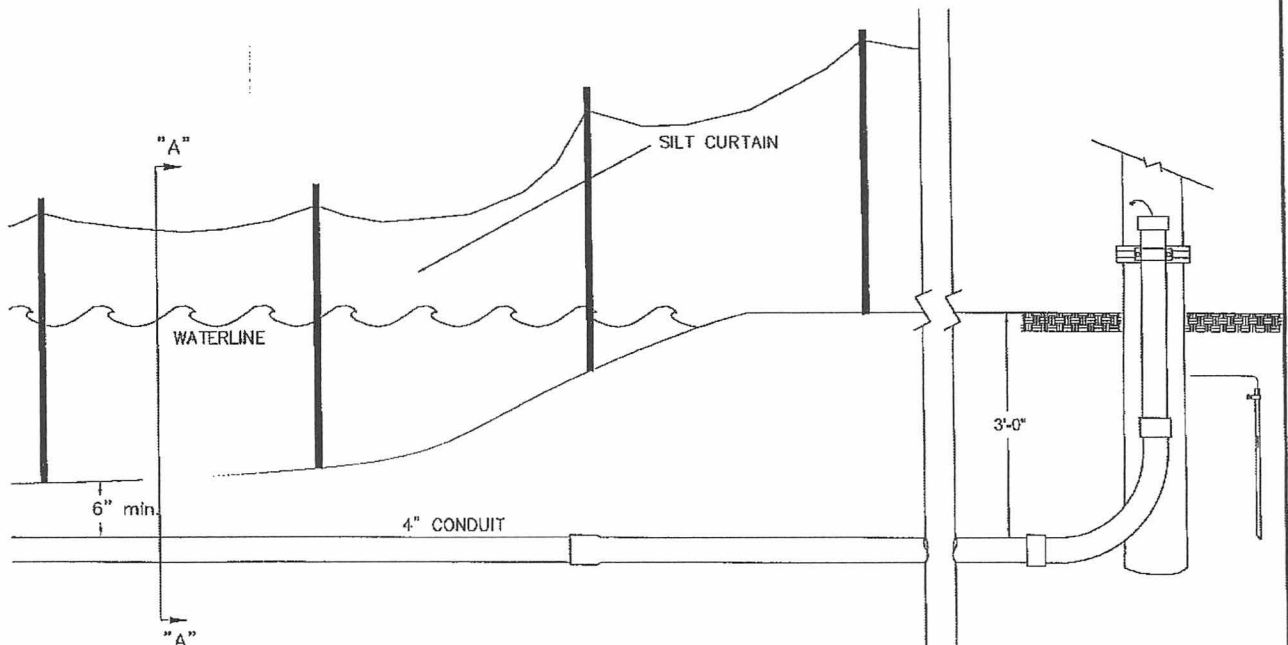
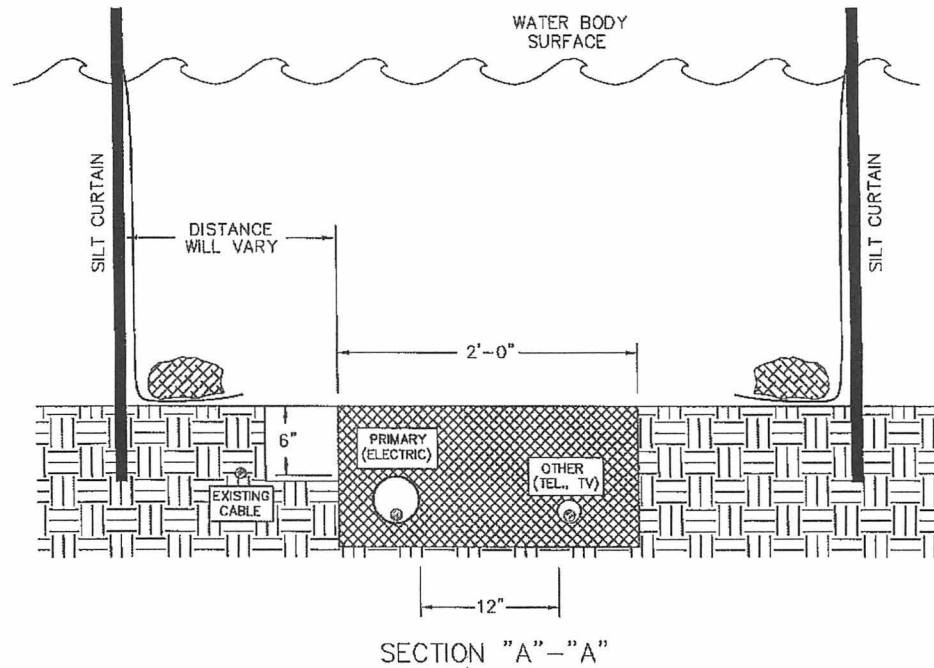
U7-6B

ISSUE DATE: 01/08

**EXHIBIT H**

# INSTALLATION REQUIREMENTS FOR SUBMARINE CABLES


## TYPICAL CONDUIT SETUP IN WATER



## EXHIBIT I

### NOTES:

- 1.) THIS CROSS-SECTION SHOWS THE 4" CONDUIT ENTERING THE BOTTOM OF THE BODY OF WATER IN A TYPICAL SETTING. THE CONDUIT WILL BE IN A TRENCH, 36" - 40" DEEP UNTIL IT ENTERS THE WATER, AND AT THAT POINT IT WILL HAVE A 6" COVER OF EXISTING MATERIAL.

	REV.	DATE	<b>UNDERGROUND PRIMARY RADIAL FEED PRIMARY POLE MATERIALS</b>		TRENCH
	ORIGINAL	1/04	OPER. APPROVAL: J.D.	ENG. APPROVAL: J.S.	URD 1W-1