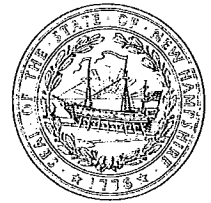


The State of New Hampshire
Department of Environmental Services

Thomas S. Burack, Commissioner

*Celebrating 25 Years of Protecting
New Hampshire's Environment*



WETLANDS AND NON-SITE SPECIFIC PERMIT 2012-00056

Permittee: Douglas H Merrill III
Mal Merrill
PO Box 949
Moultonborough, NH 03254

Project Location: Big Goodwin and Round Island, Moultonborough
Moultonborough Tax Map/Lot No. 117 / 11

Waterbody: Lake Winnepesaukee

**NOTE -
CONDITIONS**

APPROVAL DATE: 07/20/2012

EXPIRATION DATE: 07/20/2017

Based upon review of the above referenced application, in accordance with RSA 482-A and RSA 485-A:17, a Wetlands Permit and Non-Site Specific Permit was issued. This permit shall not be considered valid unless signed as specified below.

PERMIT DESCRIPTION: Install an submarine utility cable providing power from Big Goodwin Island to Round Island by excavating 65 linear feet of bank and bed to install the cable and placing 340 linear feet of cap protection over the cable in Lake Winnepesaukee, in Moultonborough.

**THIS APPROVAL IS SUBJECT TO THE FOLLOWING PROJECT SPECIFIC
CONDITIONS:**

1. All work shall be in accordance with plans , as received by the NH Department of Environmental Services (DES) on May 31, 2012.
2. Area shall be regraded to original contours following completion of work.
3. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized.
4. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate dredge area, and shall remain until suspended particles have settled and the water at the work site has returned to normal clarity.
5. Any clearing required in utility line rights-of-way shall be in accordance with the "Best Management Practices for Erosion Control on Timber Harvesting Operations in New Hampshire," 2004. Timber, slash and/or chips shall be removed from wetland areas and shall not be buried in wetlands.
6. Topsoil in wetlands shall be stripped and segregated from subsoil during construction. Wetland topsoils shall be stockpiled separately from subsoils and shall be restored following backfill.
7. All activities shall be in accordance with the Shoreland Water Quality Protection Act, RSA 483-B. The owner is responsible for obtaining any Shoreland Permit that may be required per RSA 483-B, for construction, excavation or fill that will occur within the Protected Shoreland.

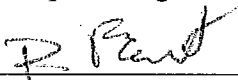
www.des.nh.gov

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3503 • TDD Access: Relay NH 1-800-735-2964

Exhibit A

GENERAL CONDITIONS THAT APPLY TO ALL DES WETLANDS PERMITS:

1. A copy of this permit shall be posted on site during construction in a prominent location visible to inspecting personnel;
2. This permit does not convey a property right, nor authorize any injury to property of others, nor invasion of rights of others;
3. The Wetlands Bureau shall be notified upon completion of work;
4. This permit does not relieve the applicant from the obligation to obtain other local, state or federal permits, and/or consult with other agencies as may be required (including US EPA, US Army Corps of Engineers, NH Department of Transportation, NH Division of Historical Resources (NH Department of Cultural Resources), NHDES-Alteration of Terrain, etc.);
5. RSA 141-E and Chapter Env-A 1800 *Asbestos Management and Control Rules* require building owners and contractors to take certain steps to identify and abate asbestos hazards in structures prior to beginning any demolition or renovation work.. For more information, contact DES at (603) 271-1370 or visit the DES website at <http://des.nh.gov/organization/divisions/air/cb/ceps/ams/index.htm>;
6. Transfer of this permit to a new owner shall require notification to and approval by DES;
7. This permit shall not be extended beyond the current expiration date.
8. This project has been screened for potential impacts to **known** occurrences of rare species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or have received only cursory inventories, unidentified sensitive species or communities may be present. This permit does not absolve the permittee from due diligence in regard to state, local or federal laws regarding such communities or species.
9. Review enclosed sheet for status of the US Army Corps of Engineers' federal wetlands permit.

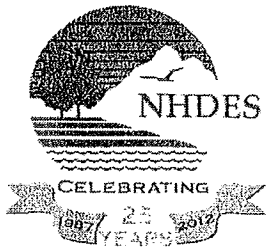
APPROVED: 
Dale Keirstead
DES Wetlands Bureau

=====

BY SIGNING BELOW I HEREBY CERTIFY THAT I HAVE FULLY READ THIS PERMIT AND AGREE TO ABIDE BY ALL PERMIT CONDITIONS.

OWNER'S SIGNATURE (required)

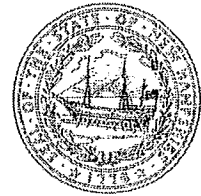
CONTRACTOR'S SIGNATURE (required)



The State of New Hampshire
Department of Environmental Services

Thomas S. Burack, Commissioner

*Celebrating 25 Years of Protecting
New Hampshire's Environment*



WETLANDS AND NON-SITE SPECIFIC PERMIT 2012-01909

Permittee: Linden G North
PO Box 637
Moultonborough, NH 03254

Project Location: Big Goodwin And Round Island, Moultonborough
Moultonborough Tax Map/Lot No. 117 / 11

Waterbody: Lake Winnepesaukee

**NOTE--
CONDITIONS**

APPROVAL DATE: 08/07/2012

EXPIRATION DATE: 08/07/2017

Based upon review of the above referenced application, in accordance with RSA 482-A and RSA 485-A:17, a Wetlands Permit and Non-Site Specific Permit was issued. This permit shall not be considered valid unless signed as specified below.

PERMIT DESCRIPTION: Install an submarine utility cable providing power from Big Goodwin Island to Round Island by excavating 31 linear feet of bank and bed to install the cable and placing 20 linear feet of cap protection over the cable in Lake Winnepesaukee, in Moultonborough.

**THIS APPROVAL IS SUBJECT TO THE FOLLOWING PROJECT SPECIFIC
CONDITIONS:**

1. All work shall be in accordance with plans , as received by the NH Department of Environmental Services (DES) on July 18, 2012.
2. Area shall be regraded to original contours following completion of work.
3. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized.
4. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate dredge area, and shall remain until suspended particles have settled and the water at the work site has returned to normal clarity.
5. Any clearing required in utility line rights-of-way shall be in accordance with the "Best Management Practices for Erosion Control on Timber Harvesting Operations in New Hampshire," 2004. Timber, slash and/or chips shall be removed from wetland areas and shall not be buried in wetlands.
6. Topsoil in wetlands shall be stripped and segregated from subsoil during construction. Wetland topsoils shall be stockpiled separately from subsoils and shall be restored following backfill.
7. All activities shall be in accordance with the Shoreland Water Quality Protection Act, RSA 483-B. The owner is responsible for obtaining any Shoreland Permit that may be required per RSA 483-B, for construction, excavation or fill that will occur within the Protected Shoreland.

www.des.nh.gov

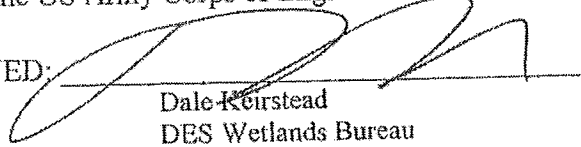
29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3503 • TDD Access: Relay NH 1-800-735-2964

Exhibit B

GENERAL CONDITIONS THAT APPLY TO ALL DES WETLANDS PERMITS:

1. A copy of this permit shall be posted on site during construction in a prominent location visible to inspecting personnel;
2. This permit does not convey a property right, nor authorize any injury to property of others, nor invasion of rights of others;
3. The Wetlands Bureau shall be notified upon completion of work;
4. This permit does not relieve the applicant from the obligation to obtain other local, state or federal permits, and/or consult with other agencies as may be required (including US EPA, US Army Corps of Engineers, NH Department of Transportation, NH Division of Historical Resources (NH Department of Cultural Resources), NHDES-Alteration of Terrain, etc.);
5. Transfer of this permit to a new owner shall require notification to and approval by DES;
6. This permit shall not be extended beyond the current expiration date.
7. This project has been screened for potential impacts to **known** occurrences of rare species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or have received only cursory inventories, unidentified sensitive species or communities may be present. This permit does not absolve the permittee from due diligence in regard to state, local or federal laws regarding such communities or species.
8. Review enclosed sheet for status of the US Army Corps of Engineers' federal wetlands permit.

APPROVED: _____

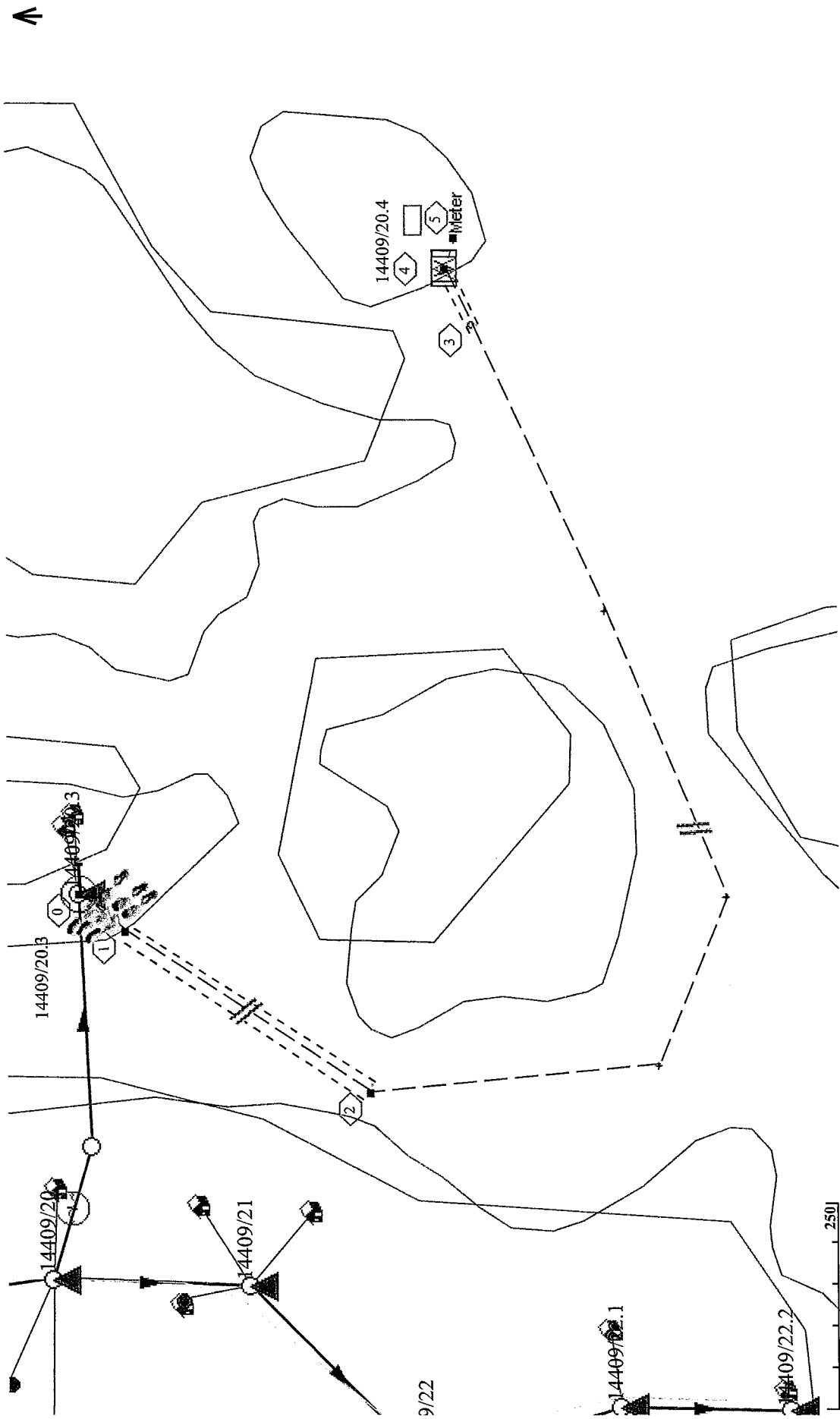


Dale Keirstead
DES Wetlands Bureau

BY SIGNING BELOW I HEREBY CERTIFY THAT I HAVE FULLY READ THIS PERMIT AND AGREE TO ABIDE BY ALL PERMIT CONDITIONS.

OWNER'S SIGNATURE (required)

CONTRACTOR'S SIGNATURE (required)



NEW HAMPSHIRE ELECTRIC COOPERATIVE, INC.
PLYMOUTH, NH

As-Built Information

Job Location: HB TWO ROUND ISLAND
Job Description: member built line-(sub cable)
Home Phone:
Work Phone: (603) 253-7701
Contractor Phone:
Temp Required:

WIN Number: 22553993
W.O. Number: 22553993
Service Location: 60077066
Name: KELLY A KEENAN
Staked By: Walsh
Date: September 13, 2012

Engineering Appr. By: Bob Walsh **Date:** 2011-10-26
Engineering Released By: Darnelle Faro **Date:** 2012-09-13
Tailgate Conference By: **Date:**
Construction Cert. By: **Date:**
Closed By: **Date:**
Underground Flagged By: **Date:**

Remarks: MEMBER BUILT LINE JOB

Phase Change?
Fuse Size: _____ Amps
Meter No.
Transformer No.
System Voltage: 12.470 / 7,200
Sub. Code:

<p>0 Pole Number: 14409/20.3 Tel. Pole Number: Existing OH 0 feet Source: none Comments: ROW Comments: Existing (1) A7 Existing (1) E1-4 Existing (1) F5-2 Existing (1) G106 Existing (1) J10 Existing (1) M2-11 Existing (1) P40-5 Existing (0) W1.002.ACSR New (1) S1-1.1 New (1) U1.010</p>	<p>1 Pole Number: Tel. Pole Number: New UG Primary 85 feet Source: 0 Comments: The member is responsible for providing a NHEC approved trench with concrete cap to water's edge ROW Comments: This area is solid ledge. New (8) U8-C4.40P Comment: provided by member New (125) UW1.010.SUB</p>	<p>2 Pole Number: Tel. Pole Number: New UG Primary 360 feet Source: 1 Comments: this area is less than 6' deep water ROW Comments: cable must be in conduit and covered with cable covers this entire distance New (60) U7-6B New (360) U8-C4.40P New (360) UW1.010.SUB</p>	<p>3 Pole Number: Tel. Pole Number: New UG Primary 1390 feet Source: 2 Comments: ROW Comments: this length will be submerged cable is 6'+ water depth New (1390) UW1.010.SUB</p>	<p>4 Pole Number: 14409/20.4 Tel. Pole Number: New UG Primary 72 feet Source: 3 Comments: ROW Comments: conduit with U7-6B cable covers the section in water depth less than 6' deep New (2) U10-BWI New (1) U10-CAP New (1) U10-ELBOW.220 New (3) U10-SPADE.2 New (1) U5-4 New (1) U6-5A New (12) U7-6B New (70) U8-C4.40P New (1) U9-11 New (1) UG2.015S.120 New (72) UW1.010.SUB</p>	<p>5 Pole Number: service drop to meter Tel. Pole Number: New UG Service 20 feet Source: 4 Comments: USE4 style meter on post ROW Comments: nr New (20) N.STAKE New (1) Q1 New (20) UW3.040.USE</p>
---	---	---	--	---	---

<p>Notes:</p>	<p>Telephone Co.: Attach to TelCo Pole? Specify: Attach to TelCo Anchor? Specify: Install Material for TelCo? Specify: CATV Attached to Takeoff Pole? Scenic Road? No Project No.:</p>	<p>Town: Moultonboro HB District: Meredith-51 Tel. 601 No.: X smm 11/1/11 CATV No.: License No.: Pole Record By: Date: 740C Ref No.: 250 - Project: Type: NC : New Construction Utilization By: Date:</p>	<table border="1"> <tr> <th>Line Feet</th> <th>New</th> <th>Ret</th> </tr> <tr> <td>OH Primary</td> <td>0</td> <td>0</td> </tr> <tr> <td>UG Primary</td> <td>1907</td> <td>0</td> </tr> <tr> <td>OH Secondary</td> <td>0</td> <td>0</td> </tr> <tr> <td>UG Secondary</td> <td>0</td> <td>0</td> </tr> <tr> <td>OH Service</td> <td>0</td> <td>0</td> </tr> <tr> <td>UG Service</td> <td>20</td> <td>0</td> </tr> <tr> <td>Unit Categories</td> <td>New</td> <td>Ret</td> </tr> <tr> <td>Services</td> <td>1</td> <td>0</td> </tr> <tr> <td>Lights</td> <td>0</td> <td>0</td> </tr> </table>	Line Feet	New	Ret	OH Primary	0	0	UG Primary	1907	0	OH Secondary	0	0	UG Secondary	0	0	OH Service	0	0	UG Service	20	0	Unit Categories	New	Ret	Services	1	0	Lights	0	0
Line Feet	New	Ret																															
OH Primary	0	0																															
UG Primary	1907	0																															
OH Secondary	0	0																															
UG Secondary	0	0																															
OH Service	0	0																															
UG Service	20	0																															
Unit Categories	New	Ret																															
Services	1	0																															
Lights	0	0																															

Right of Easement

W.O. # 22553993

I/We Harold Douglas Merrill, Mal Towne Merrill, Suzanne Merrill Maybee & David Alan Maybee

of PO Box 949, Center Harbor

State Of New Hampshire 03226 (Unmarried) (Husband And Wife) (Hereinafter "Grantor")

for consideration paid, grant to the NEW HAMPSHIRE ELECTRIC COOPERATIVE, INC., 579 TENNEY MOUNTAIN HIGHWAY PLYMOUTH, NEW HAMPSHIRE 03264, a New Hampshire corporation, and NORTHERN NEW ENGLAND TELEPHONE OPERATIONS LLC d/b/a FairPoint Communications - NNE, a limited liability company organized under the laws of the State of Delaware, having a place of business at 100 Gay Street, Manchester, New Hampshire, 03103; their respective successors and assigns forever (hereinafter "Grantee") with warranty covenants, the RIGHT and EASEMENT to construct, repair, operate, maintain, patrol, replace and remove overhead and underground lines consisting of wires, ducts, cables, poles, and other apparatus necessary for the transmission and distribution of electricity and/or telephone service on, over and under my/our land in New Hampshire,

More particularly described in deed recorded in Registry of Deeds at Book 1570 Page 0134

Land in the city/town of Moultonboro County of Carroll New Hampshire

On the Southeasterly side of Goodwin Island

This conveyance shall include the right to clear and keep clear a right-of-way of all trees and underbrush by such means as the grantee may select and to cut down from time to time all dead, weak, leaning or dangerous trees that may exist outside of the right of way, but are tall enough to strike the wires in falling. The location of said right-of-way shall be determined by mutual consent and become permanent upon installation of said lines.

The width of right-of-way shall be 15 Ft. each side of pole and/or ditch line for primary lines (over 600 volts), and 5 Ft. each side of pole and/or ditch line for secondary (under 600 volts). Necessary guy wires and anchors may be located beyond the cleared area.

In the event it becomes necessary to disturb the pavement/landscaping above underground conductors for maintenance purposes the grantor(s), directors, successors or assigns will be responsible for the same.

The grantor shall continue to enjoy use of the property for any purpose 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. 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 the property.

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

Witness my/our hand(s) and seal(s) this 16th day of October 20 12

GRANTOR'S SIGNATURE

GRANTOR'S SIGNATURE

X [Handwritten signature of Harold Douglas Merrill]

X [Handwritten signature of Mal Towne Merrill]

Harold Douglas Merrill (Printed or typewritten copy of signature)

Mal Towne Merrill (Printed or typewritten copy of signature)

State of New Hampshire County of Carroll This Area For Notary Use Only

On this 16th day of October 20 12

Before me the undersigned officer personally appeared.

Harold Douglas Merrill & Mal Towne Merrill

known to me (or satisfactorily proven) to be the person(s) whose name(s) is/are subscribed to the within instrument that he executed the same for the purpose therein contained.

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



[Handwritten signature of Winifred Boynton]

6-17-14

(Notary Public/Justice of the Peace)

(My commission expires)

✓ The grantor(s) release to the grantee(s) all right, homestead and other interests in the rights and easements hereby conveyed
Witness my/our hand(s) and seal(s) this 16th day of October 20 12

GRANTOR'S SIGNATURE

GRANTOR'S SIGNATURE

X Suzanne Merrill Maybee

X David A. Maybee

Suzanne Merrill Maybee
(Printed or typewritten copy of signature)

David Alan Maybee
(Printed or typewritten copy of signature)

State of New Hampshire County of Carroll This Area For Notary Use Only

On this 16th day of October 20 12

Before me the undersigned officer personally appeared.
Suzanne Merrill Maybee & David Alan Maybee

known to me (or satisfactorily proven) to be the person(s) whose name(s) is/are subscribed to the within instrument that he executed the same for the purpose therein contained.
✓ In witness whereof I hereunto set my hand and official seal.



Winifred Boynton
(Notary Public/Justice of the Peace)

6-17-14
(My commission expires)

Right of Easement

W.O. # 22553993

I/We KELLY A. KEENAN & LINDEN G. NORTH REVOCABLE TRUSTS

of P.O. BOX 637 MOULTONBOROUGH

State of NEW HAMPSHIRE 03254 (hereinafter "Grantor")

for consideration paid, grant to the NEW HAMPSHIRE ELECTRIC COOPERATIVE, INC., 579 TENNEY MOUNTAIN HIGHWAY PLYMOUTH, NEW HAMPSHIRE 03264, a New Hampshire corporation, and NORTHERN NEW ENGLAND TELEPHONE OPERATIONS LLC d/b/a FairPoint Communications - NNE, a limited liability company organized under the laws of the State of Delaware, having a place of business at 100 Gay Street, Manchester, New Hampshire, 03103; their respective successors and assigns forever (hereinafter "Grantee") with warranty covenants, the RIGHT and EASEMENT to construct, repair, operate, maintain, patrol, replace and remove overhead and underground lines consisting of wires, ducts, cables, poles, and other apparatus necessary for the transmission and distribution of electricity and/or telephone service on, over and under my/our land in New Hampshire,

More particularly described in deed recorded in Registry of Deeds at Book 2786 Page 0359

Land in the city/town of Moultonborough County of Carroll New Hampshire

On the Southwesterly side of Round Island

This conveyance shall include the right to clear and keep clear a right-of-way of all trees and underbrush by such means as the grantee may select and to cut down from time to time all dead, weak, leaning or dangerous trees that may exist outside of the right of way, but are tall enough to strike the wires in falling. The location of said right-of-way shall be determined by mutual consent and become permanent upon installation of said lines.

The width of right-of-way shall not exceed 15 Ft. each side of pole and/or ditch line. Necessary guy wires and anchors may be located beyond the cleared area.

In the event it becomes necessary to disturb the pavement/landscaping above underground conductors for maintenance purposes the grantor(s), directors, successors or assigns will be responsible for the same.

The grantor shall continue to enjoy use of the property for any purpose 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. 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 the property.

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

Witness my/our hand(s) and seal(s) this 16 day of October 20 17

GRANTOR'S SIGNATURE

Kelly Keenan

Kelly A. Keenan - Trustee

(Printed or typewritten copy of signature)

GRANTOR'S SIGNATURE

Linden G. North

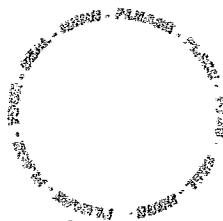
Linden G. North - Trustee

(Printed or typewritten copy of signature)

State of New Hampshire County of Carroll ~~This Area For Notary Use Only~~

On this 16 day of Oct. 20 17

Before me the undersigned officer personally appeared Kelly A. Keenan & Linden G. North known to me (or satisfactorily proven) to be the person(s) whose name(s) is/are subscribed to the within instrument that he executed the same for the purpose therein contained. In witness whereof I hereunto set my hand and official seal.



Alison Grace Kepple

(Notary Public/Justice of the Peace)

Sept. 19, 2017

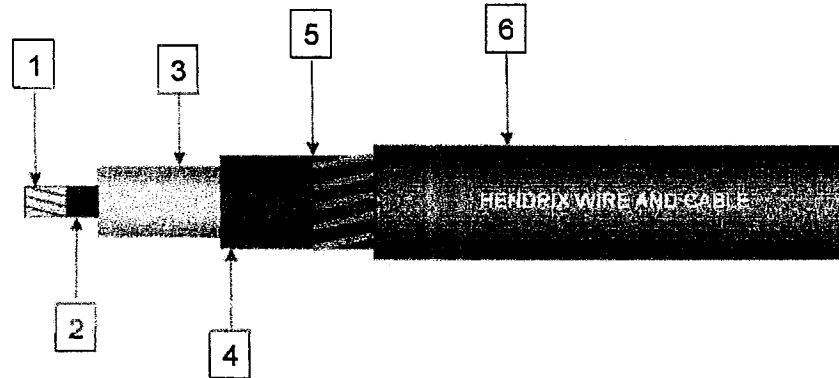
(My commission expires)
ALISON GRACE KEPPLER, Notary Public
My Commission Expires September 19, 2017

Exhibit E

Submarine



1/0 - 35kV, .345 mil



SPECIFICATIONS
Hendrix HQ 200 POLY-ARMORED
SUBMARINE CABLE

<u>Cable Construction</u>		<u>Diameters-Inches</u>
1.	1/0 AWG 7X equivalent 6201 – T81 Aluminum Alloy	0.398"
2.	.012" Semi-conducting XLP conductor shield	0.428"
3.	.345" Tree Retardant Cross-linked Polyethylene	1.150" (+/- .030")
4.	.040" Semi-conducting XLP insulation shield	1.250" (+/- .050")
5.	24 # 12 AWG Soft Copper Neutral Wires (148%)	1.410" (+/- .050")
6.	.030" Semi-conducting DRTP PE neutral shield	1.480" (+/- .050")
7.	.110" Abrasion and Impact Resistant HDPE Jacket	1.720" (+/- .050")
 <u>Cable Data</u>		
1.	Cable Weight	1540 lbs/1000'
2.	Specific Gravity	1.53
3.	Maximum Pulling Tension on Conductor	1420 lbs
4.	Maximum Self Supporting Length in Water	1410'
5.	DC Resistance at 90°C	.210 ohms/1000'
6.	AC Resistance at 75°C	.195 ohms/1000'
7.	Inductive Reactance – 1 phase	.034 ohms/1000'
8.	Inductive Reactance – 3 phase	.099 ohms/1000'
9.	Maximum Conductor Operating Temperature	90°C
10.	*Ampacity – 100% LF, RHO-90, Amperes	
	a) 1/c Direct Buried, 10°C Ambient	235
	b) 1/c Direct Buried, 20°C Ambient	220

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*Application considerations for submarine cable should include ampacity limitations based on shore conditions.

This cable is designed, manufactured and tested in accordance with applicable requirements in ICEA/NEMA and AEIC standards, latest revisions, and in accordance with Hendrix Wire and Cable company HQ 200 specifications which exceed industry standards/

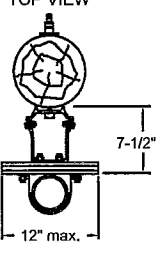
MATERIALS FURNISHED AND INSTALLED BY CONSUMER

- 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

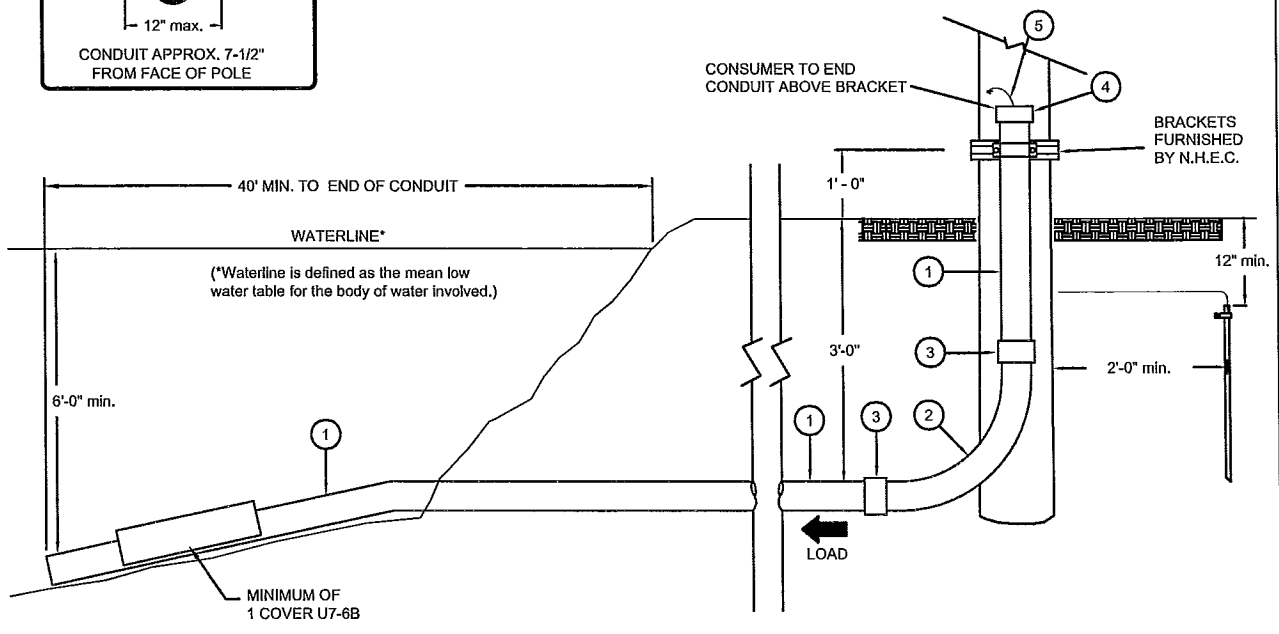
STANDOFF BRACKET TOP VIEW



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:

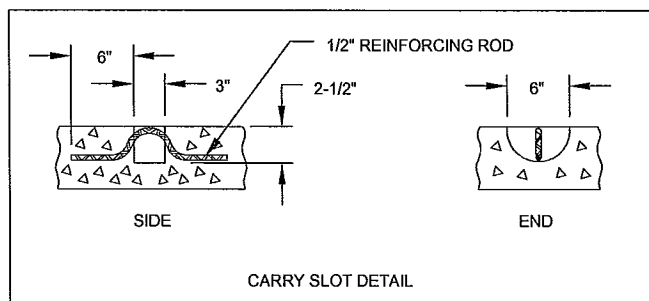
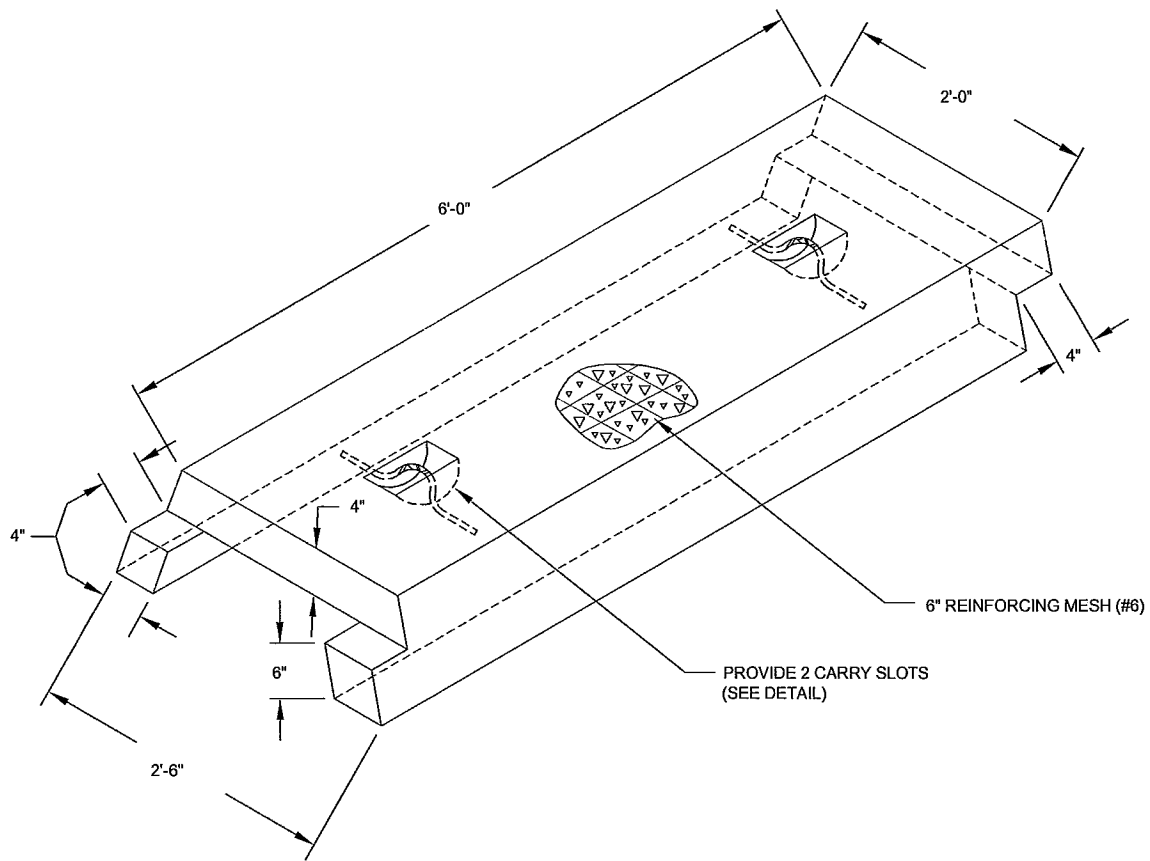
- 1.) ALL CONDUIT AND ACCESSORIES MUST MEET ELECTRICAL GRADE SPECIFICATIONS.
- 2.) ALL CONSUMER FURNISHED MATERIAL TO BE ON HAND, AND ALL NECESSARY EXCAVATION AND CONDUIT READY PRIOR TO TIME OF INSTALLATION OF EQUIPMENT ON POLE BY NHEC PERSONNEL.
- 3.) CONDUIT TO BE ON QUADRANT OF POLE OPPOSITE FLOW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



CONSTRUCTION STANDARDS
UNDERGROUND PRIMARY
RADIAL FEED
PRIMARY POLE MATERIALS

IUSUB
ISSUE DATE: 01/06

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: 01/06

Exhibit H

INSTALLATION REQUIREMENTS FOR SUBMARINE CABLES

TYPICAL CONDUIT SETUP IN WATER

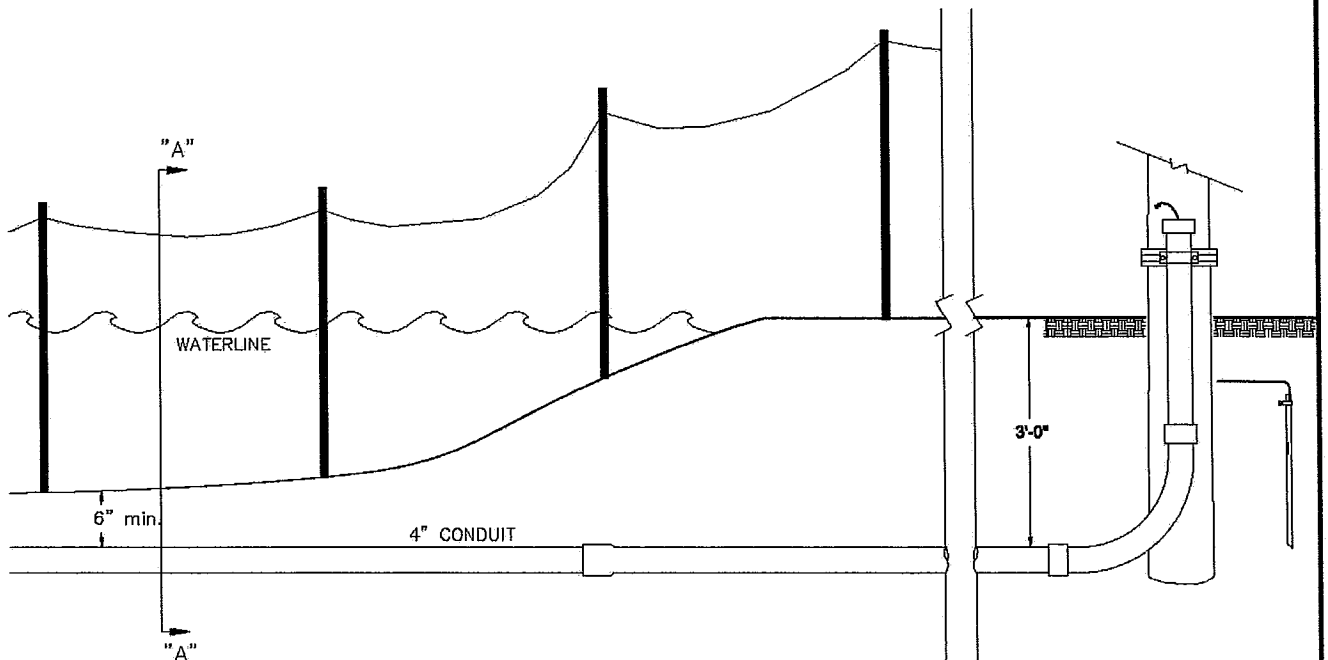
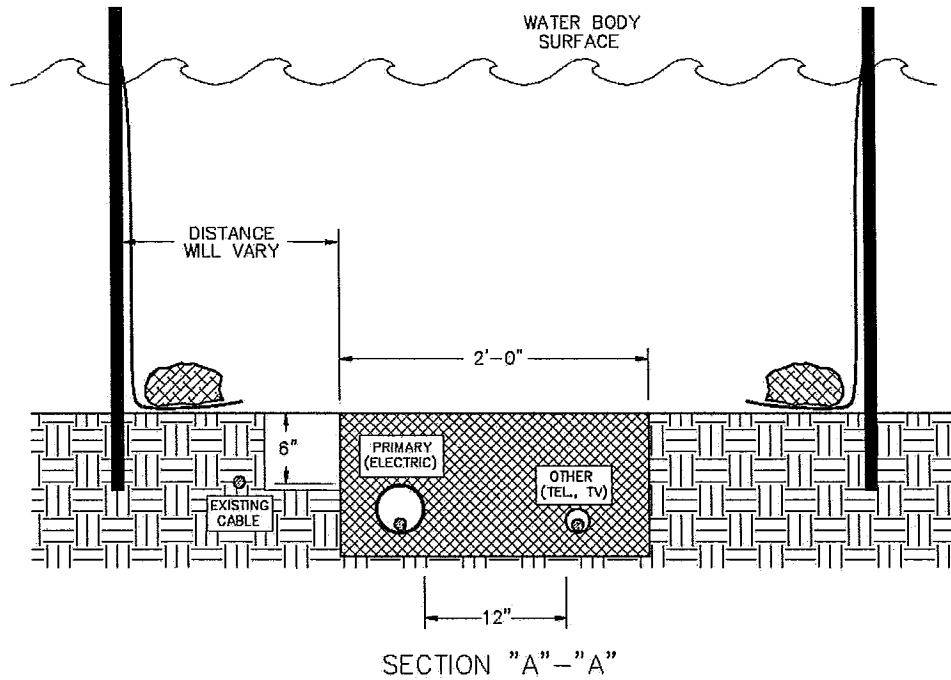


Exhibit I

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
ORIGINAL	1/04

UNDERGROUND PRIMARY RADIAL FEED PRIMARY POLE MATERIALS	
OPER. APPROVAL: J.D.	ENG. APPROVAL: J.S.

TRENCH
URD 1W-1