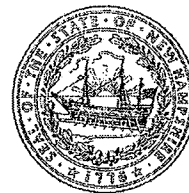


The State of New Hampshire  
**Department of Environmental Services**

**Thomas S. Burack, Commissioner**

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



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**WETLANDS AND NON-SITE SPECIFIC PERMIT 2012-02481**

**Permittee:** Greater Lawrence YMCA Inc  
101 Amesbury Street  
Lawrence, MA 01840

**Project Location:** 187 Bear Island, Meredith  
Meredith Tax Map/Lot No. L11 / 1

**Waterbody:** Lake Winnepesaukee

**NOTE--  
CONDITIONS**

**APPROVAL DATE:** 09/26/2012

**EXPIRATION DATE:** 09/26/2017

---

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:** Dredge and backfill 74 sq. ft. of lake bed and bank to install utility line for electric service from Bear Island to Dollar Island, on Lake Winnepesaukee, in Meredith.

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

1. All work shall be in accordance with plans by NH Environmental Consultants LLC dated June 21, 2012, as received by the NH Department of Environmental Services (DES) on September 12, 2012.
2. Any future work on this property that is within the jurisdiction of the DES Wetlands Bureau as specified in RSA 482-A will require a new application and approval by the Bureau.
3. The temporary impact area shall be regraded to original contours following completion of work.
4. Work authorized shall be carried out such that discharges shall be avoided in spawning or nursery areas during spawning seasons, and impacts to such areas shall be avoided or minimized to the maximum extent practicable during all times of the year.
5. Work shall be carried out in a time and manner such that disturbance to migratory waterfowl breeding and nesting areas shall be avoided.
6. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and remain in place until the area is stabilized. Silt fence(s) must be removed once the area is stabilized.
7. 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.
8. 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](http://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**

2012-02481

Page 2 of 2

Conditions Cont'd

**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.

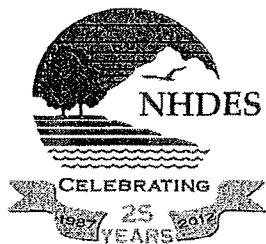
APPROVED: \_\_\_\_\_

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)

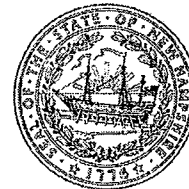
\_\_\_\_\_  
CONTRACTOR'S SIGNATURE (required)



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 2012-01846**

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**Permittee:** Judy/Russell Sabanek  
258 Sewall Rd  
Wolfeboro, NH 03894

**Project Location:** 1 Dollar Island, Meredith  
Meredith Tax Map/Lot No. I10 / 6

**Waterbody:** Lake Winnepesaukee

**NOTE--  
CONDITIONS**

Page 1 of 2

**APPROVAL DATE: 08/01/2012**

**EXPIRATION DATE: 08/01/2017**

---

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:** Dredge and backfill 83 sq. ft. of lake bed and bank to install utility line for electric service to Dollar Island, on Lake Winnepesaukee, in Meredith.

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

1. All work shall be in accordance with plans by NH Environmental Consultants LLC dated June 21, 2012, as received by the NH Department of Environmental Services (DES) on July 11, 2012.
2. Any future work on this property that is within the jurisdiction of the DES Wetlands Bureau as specified in RSA 482-A will require a new application and approval by the Bureau.
3. The temporary impact area shall be re-graded to original contours following completion of work.
4. Work authorized shall be carried out such that discharges shall be avoided in spawning or nursery areas during spawning seasons, and impacts to such areas shall be avoided or minimized to the maximum extent practicable during all times of the year.
5. Work shall be carried out in a time and manner such that disturbance to migratory waterfowl breeding and nesting areas shall be avoided.
6. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and remain in place until the area is stabilized. Silt fence(s) must be removed once the area is stabilized.
7. 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.
8. 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.

**Exhibit B**

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

**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: \_\_\_\_\_

  
Darlene Forst  
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**

Page 1 of 3  
**As-Built Information**

**WIN Number:** 22584789  
**W.O. Number:** 22584789  
**Service Location:** 60077636  
**Name:** RUSSELL A SABANEK  
**Staked By:** Gavarny  
**Date:** September 20, 2012

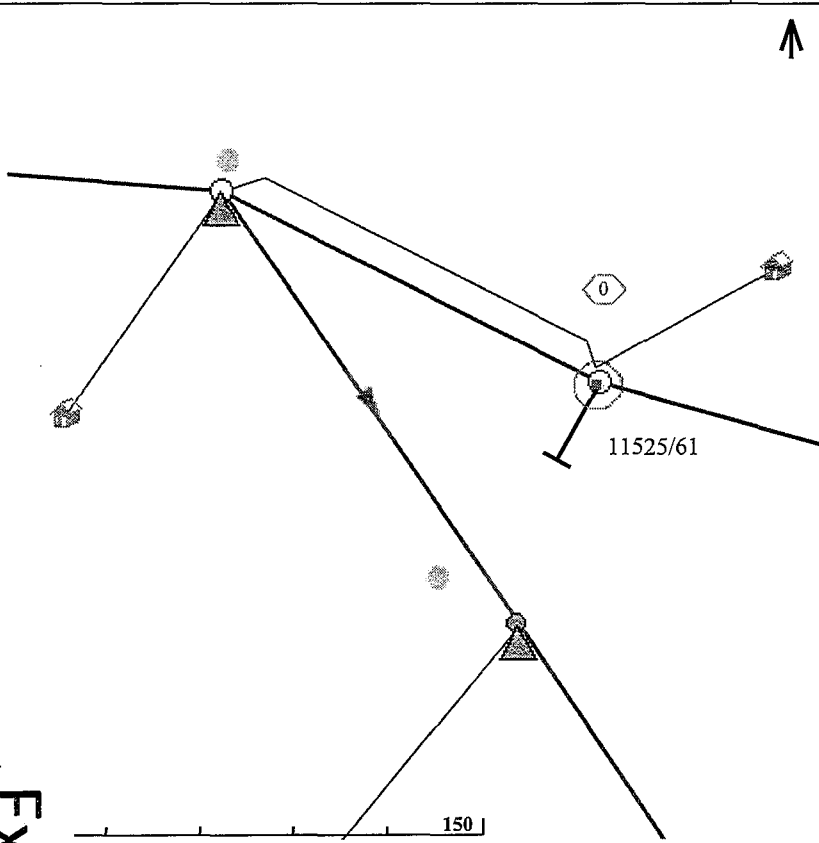
**Job Location:** GP DOLLAR ISLAND 1  
**Job Description:** Member built  
**Home Phone:**  
**Work Phone:** (603) 569-0480  
**Contractor Phone:**  
**Temp Required:** No

**Remarks:** This will be a member built line. All material except for transformer will be supplied by Member / Contractor. Matt wood 387-9684 to do all permitting from D.E.S.

**Design Approved By:** Bruce Gavarny  
**Released to Const By:**  
**Tailgate Conference By:**  
**Construction Cert. By:**  
**Closed By:**  
**Underground Flagged By:**

**Date:** 092012  
**Date:**  
**Date:**  
**Date:**  
**Date:**  
**Date:**

**Phase Change?**  
**Fuse Size:** \_\_\_\_\_ Amps  
**Meter No.**  
**Transformer No.**  
**System Voltage:** 12,470 / 7,200 15KV  
**Sub. Code:** ME11



0 Pole Number: 11525/61  
Tel. Pole Number: 1640/53  
Attachee: Y  
Existing OH 0 feet  
Source: none  
Comments: Reference location only  
ROW Comments: n/r

Existing (1) A2  
Existing (1) E1-4  
Existing (1) F5-3  
Existing (1) M2-12  
Existing (1) P35-5

Telephone Co.: Fairpoint  
Scenic Road No  
Wetlands: Yes  
Railroad X-ing: No  
PSNH X-ing: No  
Pole Renumbering: N/R  
Pole Location Plan:  
Buried Cable Petition: Yes

Town: Meredith GP  
District: Meredith-51  
Tel. 601 No.: 39835 JAS 9/20/12  
CATV No.:  
License No.:  
Pole Record By:      Date:  
740C Ref No.: 250 -  
Project No.:  
Type: NC : New Construction  
Utilization By:      Date:

Line Feet	New	Ret
OH Primary	0	0
UG Primary	2640	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

Exhibit C

**NEW HAMPSHIRE ELECTRIC COOPERATIVE, INC.**  
PLYMOUTH, NH

Page 2 of 3

**As-Built Information**

**WIN Number:** 22584789  
**W.O. Number:** 22584789  
**Service Location:** 60077636  
**Name:** RUSSELL A SABANEK  
**Staked By:** Gavarny  
**Date:** September 20, 2012

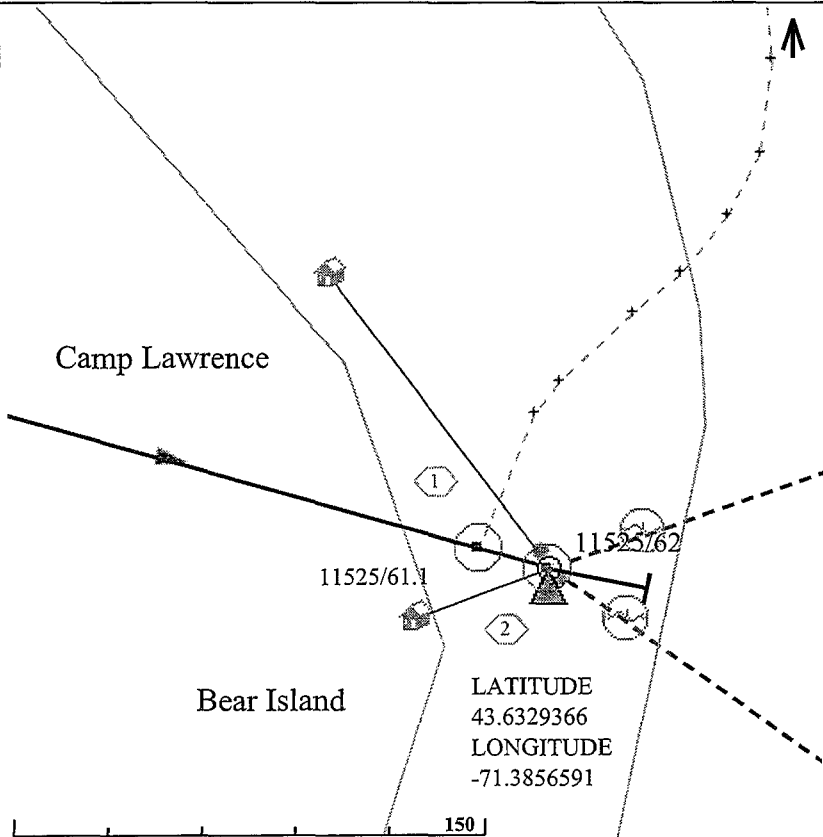
**Job Location:** GP DOLLAR ISLAND 1  
**Job Description:** Member built  
**Home Phone:**  
**Work Phone:** (603) 569-0480  
**Contractor Phone:**  
**Temp Required:** No

**Remarks:** This will be a member built line. All material except for transformer will be supplied by Member / Contractor. Matt wood 387-9684 to do all permitting from D.E.S.

**Design Approved By:** Bruce Gavarny  
**Released to Const By:**  
**Tailgate Conference By:**  
**Construction Cert. By:**  
**Closed By:**  
**Underground Flagged By:**

**Date:** 092012  
**Date:**  
**Date:**  
**Date:**  
**Date:**  
**Date:**

**Phase Change?**  
**Fuse Size:** \_\_\_\_\_ Amps  
**Meter No.**  
**Transformer No.**  
**System Voltage:** 12,470 / 7,200 15KV  
**Sub. Code:** ME11



1 Pole Number: 11525/61.1  
Tel. Pole Number:  
Attachee:  
Existing OH 230 feet  
Source: none  
Comments: Riser pole  
ROW Comments: n/r

Existing (460) 1/0 ACSR  
**New (1) A5.1**  
**New (1) A5-4.1B**  
**New (1) M2-51.1**  
**New (1) P1.40-3**  
**New (1) S1-2S.1S**  
**New (1) U1.010**

2 Pole Number: 11525/62  
Tel. Pole Number: 1640/54  
Attachee: Y  
Existing OH 20 feet  
Source: none  
Comments: Records span change only  
ROW Comments: n/r

Existing (40) 1/0 ACSR  
Existing (1) A5  
Existing (1) E1-4  
Existing (1) F5-3  
Existing (1) K14C  
Existing (1) M2-11  
Existing (1) P35-4  
Existing (1) T25S-1  
Existing (2) UA1

**Telephone Co.:** Fairpoint  
**Scenic Road No**  
**Wetlands:** Yes  
**Railroad X-ing:** No  
**PSNH X-ing:** No  
**Pole Renumbering:** N/R  
**Pole Location Plan:**  
**Buried Cable Petition:** Yes

**Town:** Meredith GP  
**District:** Meredith-51  
**Tel. 601 No.:** 39835 JAS 9/20/12  
**CATV No.:**  
**License No.:**  
**Pole Record By:** **Date:**  
**740C Ref No.:** 250 -  
**Project No.:**  
**Type:** NC : New Construction  
**Utilization By:** **Date:**

Line Feet	New	Ret
OH Primary	0	0
UG Primary	2640	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

**NEW HAMPSHIRE ELECTRIC COOPERATIVE, INC.**  
PLYMOUTH, NH

Page 3 of 3

**As-Built Information**

<b>WIN Number:</b> 22584789	<b>Job Location:</b> GP DOLLAR ISLAND 1	<b>Remarks:</b> This will be a member built line. All material except for transformer will be supplied by Member / Contractor. Matt wood 387-9684 to do all permitting from D.E.S.	<b>Design Approved By:</b> Bruce Gavarny	<b>Date:</b> 092012	<b>Phase Change?</b> <b>Fuse Size:</b> _____ Amps <b>Meter No.</b> <b>Transformer No.</b> <b>System Voltage:</b> 12,470 / 7,200 15KV <b>Sub. Code:</b> ME11
<b>W.O. Number:</b> 22584789	<b>Job Description:</b> Member built		<b>Released to Const By:</b>	<b>Date:</b>	
<b>Service Location:</b> 60077636	<b>Home Phone:</b>		<b>Tailgate Conference By:</b>	<b>Date:</b>	
<b>Name:</b> RUSSELL A SABANEK	<b>Work Phone:</b> (603) 569-0480		<b>Construction Cert. By:</b>	<b>Date:</b>	
<b>Staked By:</b> Gavarny	<b>Contractor Phone:</b>		<b>Closed By:</b>	<b>Date:</b>	
<b>Date:</b> September 20, 2012	<b>Temp Required:</b> No		<b>Underground Flagged By:</b>	<b>Date:</b>	

<p align="center">Dollar Island</p>	<p>3 Pole Number: 11525/61.2 Tel. Pole Number: Attachee: New UG Primary 2640 feet Source: none Comments: Member built line Sub Cable to vault ROW Comments: n/r</p> <p>Existing (1) U5-4 Existing (1) U6-5A New (2) U10-BWI New (1) U10-CAP New (1) U10-ELBOW.220 New (3) U10-UTIL.4 New (1) U9-11 New (1) UG2.015S.120 New (2640) UW1.010.SUB</p>	<p>4 Pole Number: Shed Tel. Pole Number: Attachee: New UG Service 20 feet Source: 1 Comments: Remote meter ROW Comments: n/r</p> <p>New (8) N.STAKE New (1) Q1 New (20) UW3.040.USE New (1) ZZBLANK</p>																														
	<p>Telephone Co.: Fairpoint Scenic Road No Wetlands: Yes Railroad X-ing: No PSNH X-ing: No Pole Renumbering: N/R Pole Location Plan: Buried Cable Petition: Yes</p>	<p>Town: Meredith GP District: Meredith-51 Tel. 601 No.: 39835 JAS 9/20/12 CATV No.: License No.: Pole Record By:      Date: 740C Ref No.: 250 - Project No.: Type: NC : New Construction Utilization By:      Date:</p>	<table><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>2640</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	2640	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
Line Feet	New	Ret																														
OH Primary	0	0																														
UG Primary	2640	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. # 22584789

I/We Merrimack Valley YMCA  
of 101 Amesbury Street 4th Floor, Lawrence

State Of Massachusetts 01840 (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 X 159 Page X 468

Land in the city/town of Meredith County of Belknap New Hampshire

On the X Southeastly side of X Bear 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 30<sup>th</sup> day of November 20 12

GRANTOR'S SIGNATURE

GRANTOR'S SIGNATURE

X STEPHEN IVES: President and CEO  
(Printed or typewritten copy of signature)

(Printed or typewritten copy of signature)

State of Massachusetts County of Essex This Area For Notary Use Only

On this 30<sup>th</sup> day of November 20 12

Before me the undersigned officer personally appeared.

Stephen Ives

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.

Manni Andriote

(Notary Public/Justice of the Peace)

July 7, 2017

(My commission expires)

Exhibit D



**Right of Easement**

W.O. # 22584789

I/We Dollar Island LLC Russell A. Sabanek and  
Judy Sprague Sabanek

of 258 Seawall Road, Wolfeboro

State Of New Hampshire

(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 2762 Page 488

Land in the city/town of Meredith County of Belknap New Hampshire

On the \_\_\_\_\_ side of Dollar 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 fall 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 26<sup>th</sup> day of September 2012

GRANTOR'S SIGNATURE

GRANTOR'S SIGNATURE

X Russell A. Sabanek

X Judy Sprague Sabanek

Russell A. Sabanek

(Printed or typewritten copy of signature)

Judy Sprague Sabanek

(Printed or typewritten copy of signature)

State of NH County of Carroll This Area For Notary Use Only

On this 26<sup>th</sup> day of September 2012

Before me the undersigned officer personally appeared.

Russell A. Sabanek and Judy Sprague Sabanek

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.

MEGAN E. RYDER  
NOTARY PUBLIC  
STATE OF NEW HAMPSHIRE  
MY COMMISSION EXP JAN. 11, 2017

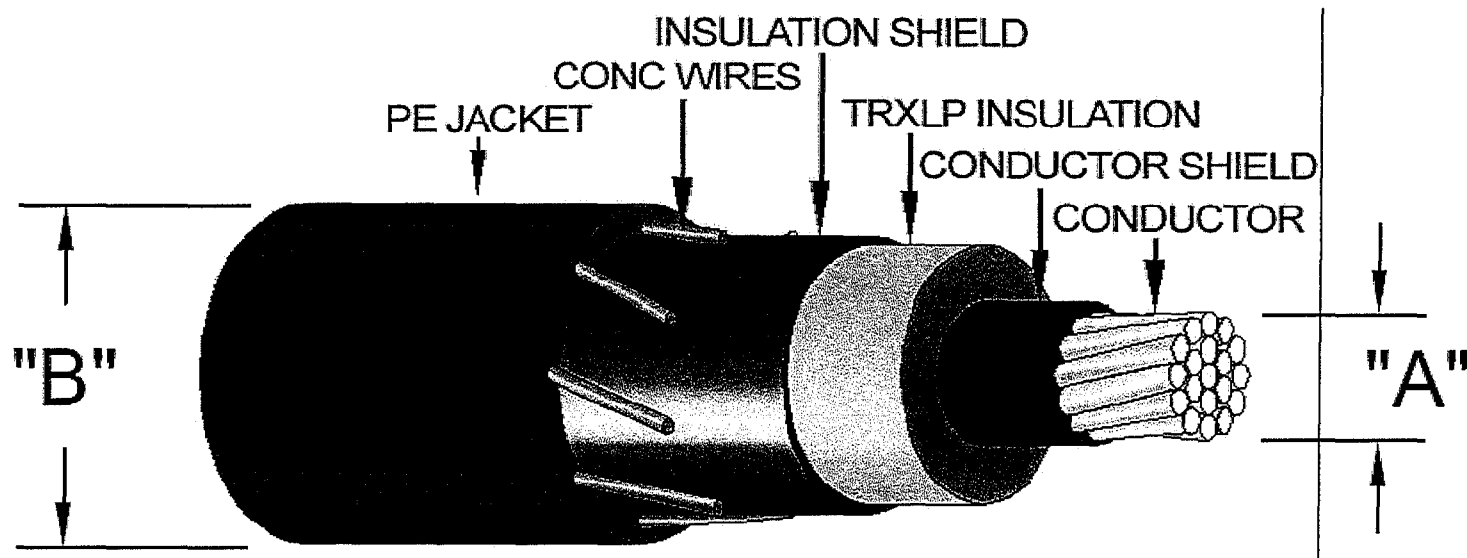
Megan Ryder

(Notary Public/Justice of the Peace)

(My commission expires)

Exhibit E

# SUBMARINE CABLE



	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	-	-



**NEW HAMPSHIRE  
Electric Co-op**

## CONSTRUCTION STANDARDS

PRIMARY UNDERGROUND CABLE

**UW1**

ISSUE DATE: 01/06

# IUSUB

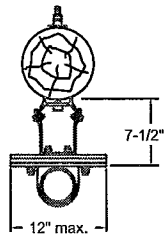
## MATERIALS FURNISHED AND INSTALLED BY CONSUMER

- 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

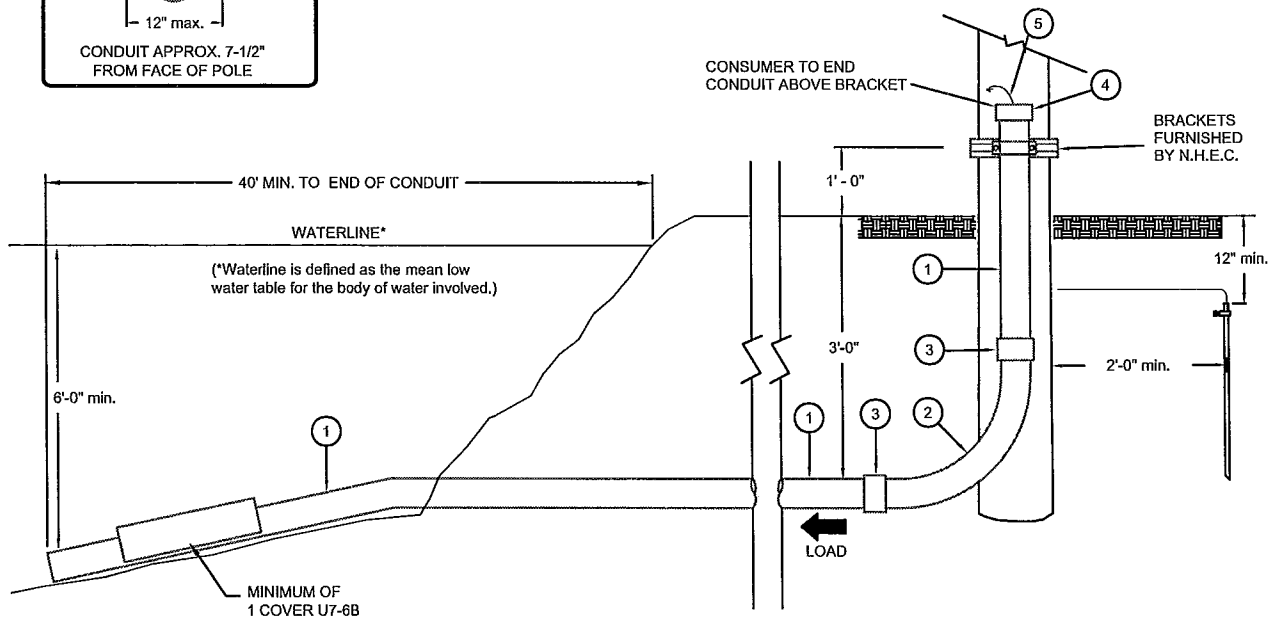


CONDUIT APPROX. 7-1/2"  
FROM FACE OF POLE

### 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.



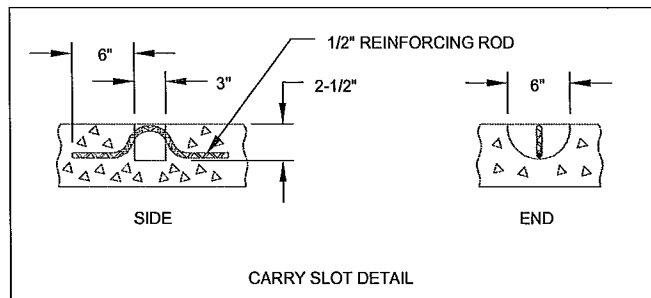
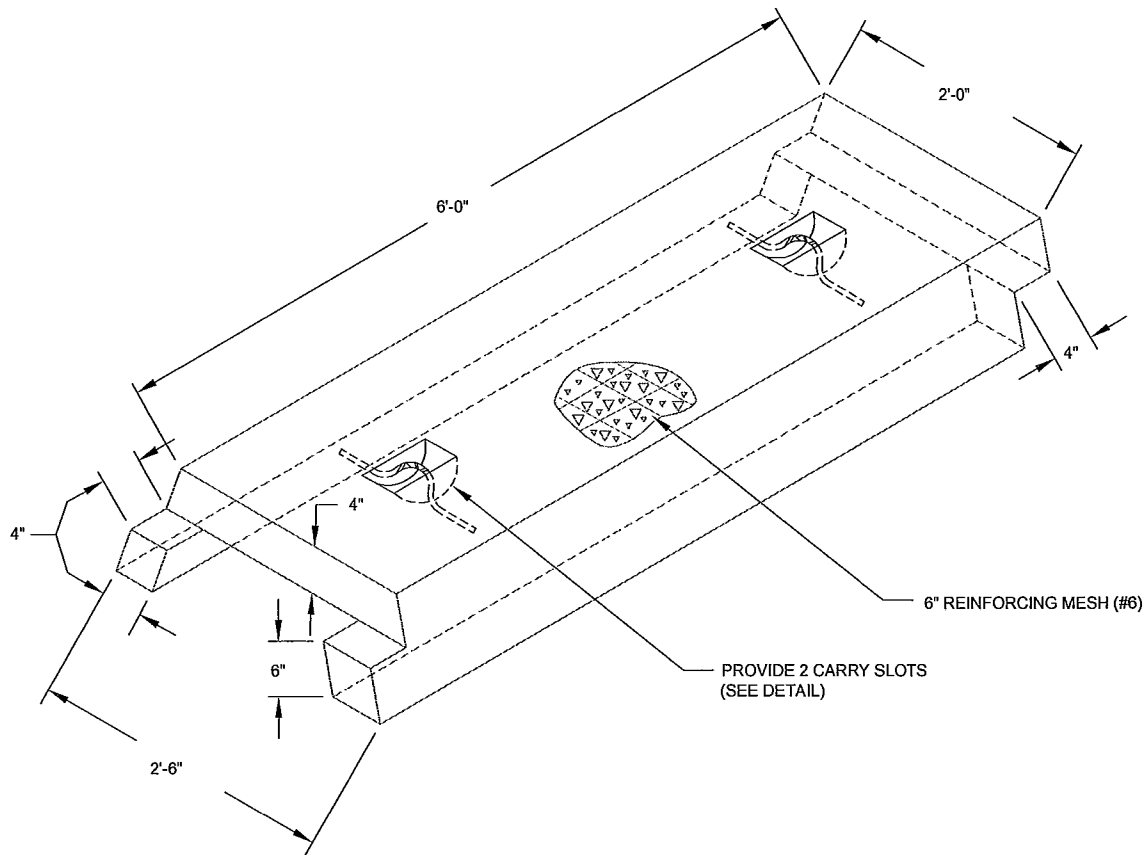
CONSTRUCTION STANDARDS  
UNDERGROUND PRIMARY  
RADIAL FEED  
PRIMARY POLE MATERIALS

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

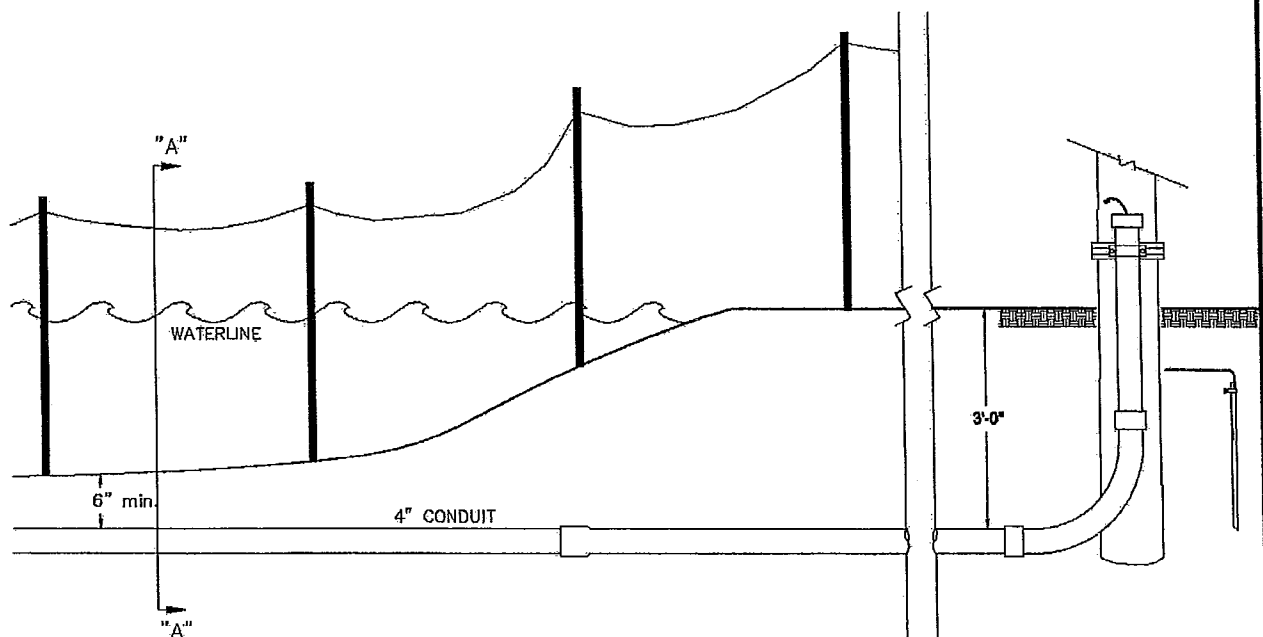
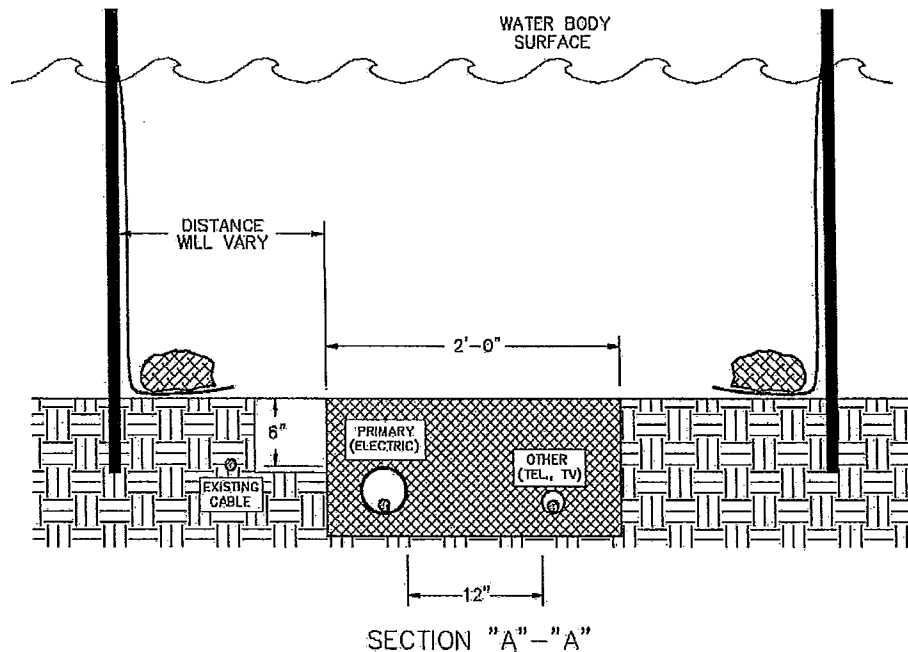
U7-6B

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