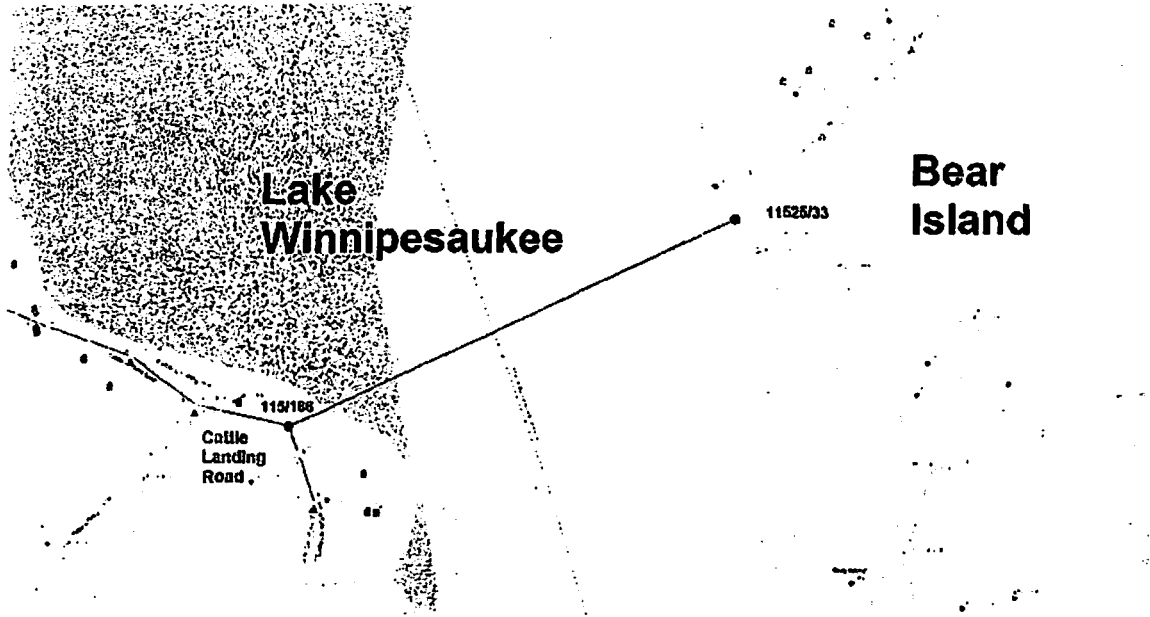


## Cable Replacement from Cattle Landing Road to Bear Island



During an inspection of our water crossings in Meredith, it was discovered that the neutral wire of the submarine cable feeding from Cattle Landing Road to Bear Island was deteriorating and the entire run of submarine cable will need to be replaced.

The cable originates at NHEC pole #115/186, located at the public dock property off Cattle Landing Road, Tax Map U33, Lot 25 owned by the Town of Meredith and then is buried approximately 45 feet before entering the lake bed, where it will travel approximately 1,785 feet to the shore of Bear Island and onto the property of Sheila Gregg, Tax Map I06, Lot 7, where it then comes out of the lake bed and is buried approximately 200 feet to riser pole 11525/33.

# EXHIBIT A

JOINT POLE LICENSE

CITY/TOWN \_\_\_\_\_ 19\_\_

UPON PETITION OF THE WHITE MOUNTAIN POWER COMPANY AND \_\_\_\_\_

The New England Telephone & Telegraph Company DATED

October 16, 1941, IT APPEARING THAT THE PUBLIC

GOOD SO REQUIRES, IT IS HEREBY

**ORDERED**

THAT SAID PETITIONERS BE AND HEREBY ARE GRANTED A LICENSE TO ERECT AND MAINTAIN POLES AND STRUCTURES, WITH WIRES, CABLES, CONDUITS AND DEVICES THEREON, TOGETHER WITH SUSTAINING, STRENGTHENING AND PROTECTING FIXTURES, IN HIGHWAYS IN SAID MUNICIPALITY AS FOLLOWS:

456 Poles and 3 Stubs on various roads as per attached

Pole Location Plan No. CM-27.

THE MAXIMUM AND MINIMUM LENGTH OF POLES SHALL BE 50 FEET AND 20 FEET RESPECTIVELY; THE MAXIMUM AND MINIMUM HEIGHT OF STRUCTURE SHALL BE 45 FEET AND 15 FEET RESPECTIVELY. THE APPROXIMATE LOCATION OF THE POLES AND STRUCTURES IS DESIGNATED OR DEFINED AS SHOWN UPON PLAN MARKED "

White Mountain Power Company - MEREDITH DIVISION

No. CM-27, DATED September 30, 1941, " ATTACHED TO AND MADE A PART OF THIS ORDER. ALL WIRES AND CABLES EXCEPT THOSE LEADING DOWN THE POLES AND STRUCTURES AND THOSE LEADING TO FIXTURES ATTACHED THERETO SHALL BE PLACED AT A HEIGHT OF NOT LESS THAN 15 FEET ABOVE THE SURFACE OF THE HIGHWAY.

Asa W. Clark BY VOTE OF \_\_\_\_\_

Marshall J. ... CITY OF \_\_\_\_\_

Harry C. ... ATTEST \_\_\_\_\_ CITY CLERK

SELECTION OF M. credits, N.H.

RECORDED IN THE Town RECORDS OF THE CITY/TOWN OF

Meredith, N.H. BOOK 3, PAGE 224

DATE October 30, 1941

ATTEST: Harry C. ... TOWN CITY CLERK

WHITE MOUNTAIN POWER COMPANY

<u>LOCATIONS</u>		<u>POLES</u>
Whitney Road	60	Poles and 1 Stub
Little Road	6	"
Lovejoy Sands Road	27	" and 1 Stub
George Webster Road	28	"
Pindieson Road	6	"
Old Road to Center Harbor	33	"
Eaton Avenue	13	"
To Parade Road	2	"
Philbrook Avenue	7	"
Hubbard Road	4	"
St. James Street	6	"
Morrison Avenue	2	"
Gould Avenue	3	"
Mudgett Avenue	3	"
Pinnacle Park Road	37	"
Road to McNeil Farm	30	"
Parade Road	39	"
Waukegan Avenue	5	"
Neal Shore Road	4	" and 1 Stub
Terrace Avenue	8	"
Lake Street	6	"
Reservoir Road	13	"
Hillrise Lane	4	"
Maple Street	7	"
Mill Street	5	"
Harder Lane	1	"
Oak Street	5	"
Stevens Avenue	9	"
Lang Street	9	"

Exhibit B-2

<u>LOCATIONS</u>		<u>POLES</u>
Dover Street	4	Poles
Sanbornton Road	11	"
High Street	7	"
Water Street	7	"
Red Gate Lane	16	"
Railroad Avenue	11	"
Highland Street	5	"
Veazey Shore Road	18	"
	<hr/>	
TOTAL	460	Poles and 3 Stubs

**WHITE MOUNTAIN POWER CO. MEREDITH (DIVISION) POLE LOCATION PLAN CM-27**

Town Meredith Road Various Roads Date 9-30-41

Pole No.	LOCATION		App Dist to T-W	App Span	Pole No.	LOCATION		App Dist to T-W	App Span
		Traveled Way					Traveled Way		
157/194 46/9	X								
193 46/10									
192 46/11	X								
191 46/12	Property Line								
190 46/13	Property Line				46/204	Property Line			
189 46/14					46/203	0			
188 46/15	X				46/202	0			
187 46/16					46/201	0			
186 46/17	X				46/200	0			
185 46/18	X	CATTLE LEASING ROAD							
46/19	X								
184 46/20									
183 46/21	X								
182 46/22	X								
181 46/23									
180 46/24	X								
179 46/25	X								
178 46/26									
46/27									
177 46/28									
176 46/29	X								
175 46/30	X								
174 46/31	X				46/6				
73 46/32	X				46/7				
46/33	X				46/8				

**Exhibit B-4**

O - Present Solely Owned Poles  
 Proposed Solely Owned Poles  
 The Location of Present and Proposed Poles as shown on Plan are not intended to be exact Unless So Indicated.  
 X - Present Joint Owned Poles  
 Proposed Joint Owned Poles

20

I/we Norman E. Grace & Baker..... of Meredith.....  
 State of New Hampshire..... (Unmarried) (Husband and Wife) for consideration  
 paid, grant to the New Hampshire Electric Cooperative, Inc., a New Hampshire corporation and  
 the New England..... Telephone Company, a New York..... corporation,  
 their respective successors and assign forever, with warranty covenant, 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 Bear Island...  
 ..... Meredith....., county of Belknap....., New Hampshire,  
 more particularly described as follows:

Land on the Bear Island... on ~~side of Lake Winnepesaukee~~, bounded northerly by  
 land of Rice and Sayce....., southerly by land of Fuller and Lake..., easterly  
 by land of Fuller....., and westerly by land of Lake.....;

*CABLE WILL BE BARRIED JOINTLY WITH THE TELEPHONE CABLE  
 BETWEEN BAKER AND FULLER.*

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 10..... 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 8<sup>th</sup>..... day of October...., 1973.

WITNESSES:

Lawrence C. Downing  
Do. Bath..... FILED

GRANTORS' SIGNATURES:

Norman E. Baker  
Grace E. Baker



1973 OCT 18 AM 9:03  
David D. Whelan  
 REGISTRY OF DEEDS  
 BELKNAP COUNTY

STATE OF NEW HAMPSHIRE

County of Belknap.....

On this 8<sup>th</sup> day of October....., 1973 before me the undersigned officer, personally appeared Norman E. and Grace E. Baker  
I. Baker..... known to me or (satisfactorily proven) to be the person (s) whose name (s) N.E. Baker..... 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.

Lawrence C. Downing  
 Notary Public - Justice of the Peace

"CONSIDERATION LESS THAN \$100"

My commission expires

BK - 620 PGE 330  
 Exhibit C



**GENERAL CONDITIONS THAT APPLY TO ALL NHDES 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 NHDES;
6. This project has been screened for potential impacts to known occurrences of protected species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or have only received 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.
7. Review enclosed sheet for status of the US Army Corps of Engineers' federal wetlands permit.

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

*D Forst*  
Darlene Forst  
NHDES 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



Clark B. Freise, Assistant Commissioner

WETLANDS AND NON-SITE SPECIFIC PERMIT 2017-00835

Permittee: **SHELIA TYLER GREGG**  
**76 LAWRENCE ST.**  
**PORTSMOUTH, NH 03801**  
Project Location: **BEAR ISLAND, MEREDITH**  
**TAX MAP/LOT NO: 106 / 7**  
Waterbody: **LAKE WINNIPESAUKEE**

**NOTE CONDITIONS**

APPROVAL DATE: **MAY 07, 2017**                      EXPIRATION DATE: **MAY 07, 2022**

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:** Temporarily impact 120 square feet of lakebed and bank to replace 40 linear feet of buried/submerged electric cable on 320 feet of frontage along Lake Winnepesaukee, on Bear Island, in Meredith.

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

1. All work shall be in accordance with plans as received by NHDES on March 29, 2017.
2. All development activities associated with this project shall be conducted in compliance with applicable requirements of RSA 483-B and N.H. Code of Administrative Rules Env-Wq 1400 during and after construction.
3. Work shall be carried out in a time and manner to avoid disturbances to migratory waterfowl breeding and nesting areas.
4. 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. Temporary controls shall be removed once the area has been stabilized.
5. 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 in place until suspended particles have settled and water at the work site has returned to normal clarity.
6. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
7. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
8. The repairs shall maintain the size, location, and configuration of the pre-existing structures.
9. The permittee/permittee's contractor shall revegetate the disturbed area with trees, shrubs and ground covers representing the density and species diversity of the existing stand of vegetation removed for this project, exclusive of any invasive or nuisance species.
10. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.

**GENERAL CONDITIONS THAT APPLY TO ALL NHDES 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 NHDES;
6. This project has been screened for potential impacts to known occurrences of protected species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or have only received 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.
7. Review enclosed sheet for status of the US Army Corps of Engineers' federal wetlands permit.

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

Darlene Forst  
NHDES Wetlands Bureau

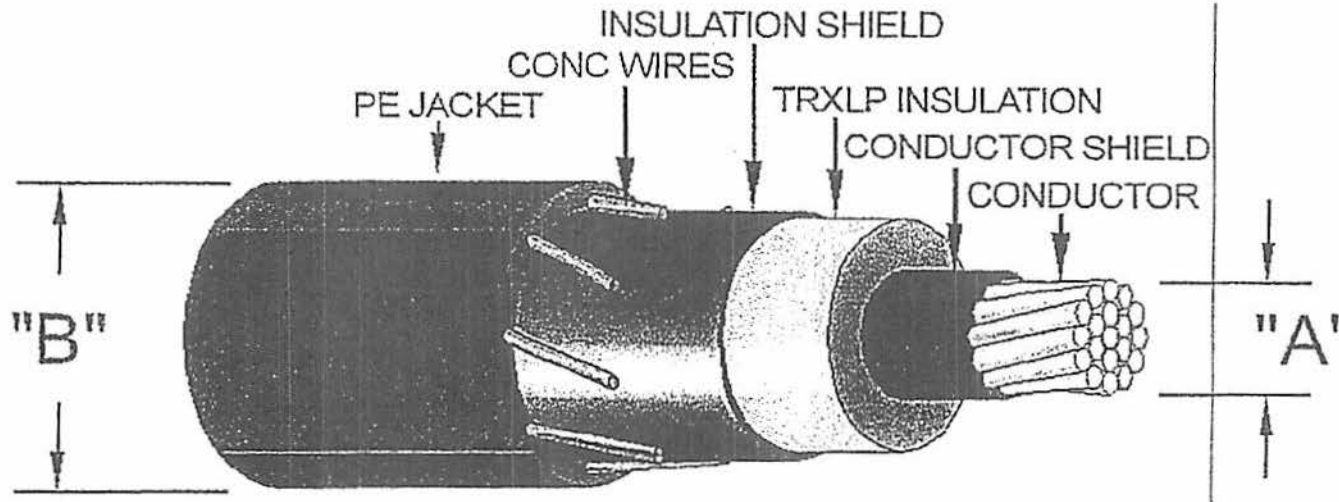
=====

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)

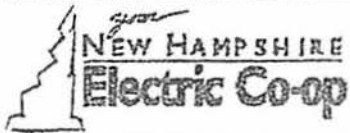
\_\_\_\_\_  
CONTRACTOR'S SIGNATURE (required)

# 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	-	-

EXHIBIT F



## CONSTRUCTION STANDARDS

PRIMARY UNDERGROUND CABLE

**UW1**

ISSUE DATE: 01/06

# IUSUB

## MATERIALS FURNISHED AND INSTALLED BY CONSUMER

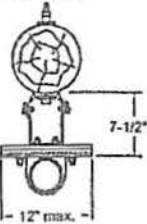
- ① 4" CONDUIT  
SCHEDULE 80 PVC
- ② 4" 90° SWEEP  
GALVANIZED STEEL
- ③ 4" ADAPTER  
(IF NEEDED)
- ④ CONDUIT END CAPS
- ⑤ 1/4" POLYPROPYLENE STRING  
INSTALLED IN ALL CONDUITS WITH STRING  
EXPOSED AND TIED OFF AT ENDS THRU  
CAPS AT END OF CONDUIT.

## MATERIALS FURNISHED AND INSTALLED BY NHEC

- POLE  
GROUND ROD AND CONNECTOR  
ALUMA-FORM STANDOFF BRACKETS

### STANDOFF BRACKET

TOP VIEW

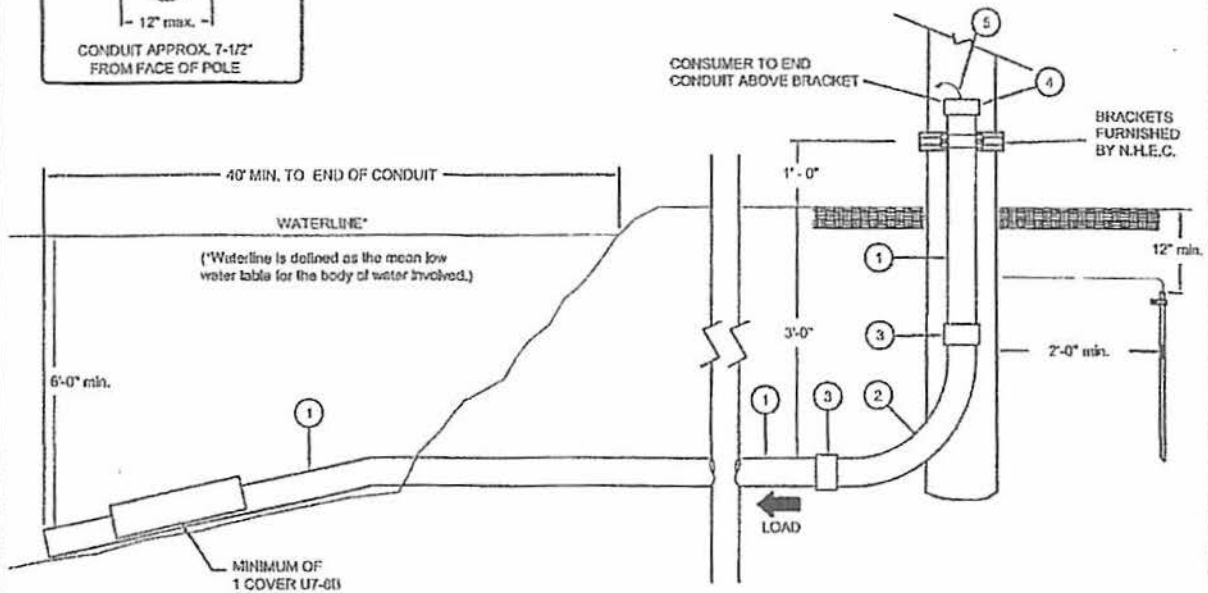


CONDUIT APPROX. 7-1/2"  
FROM FACE OF POLE

### STANDOFF BRACKET IMPORTANT NOTES:

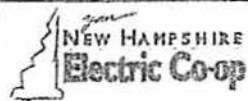
CONTRACTOR SWEEPS CONDUIT TO 7-1/2" FROM FACE OF POLE.

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.



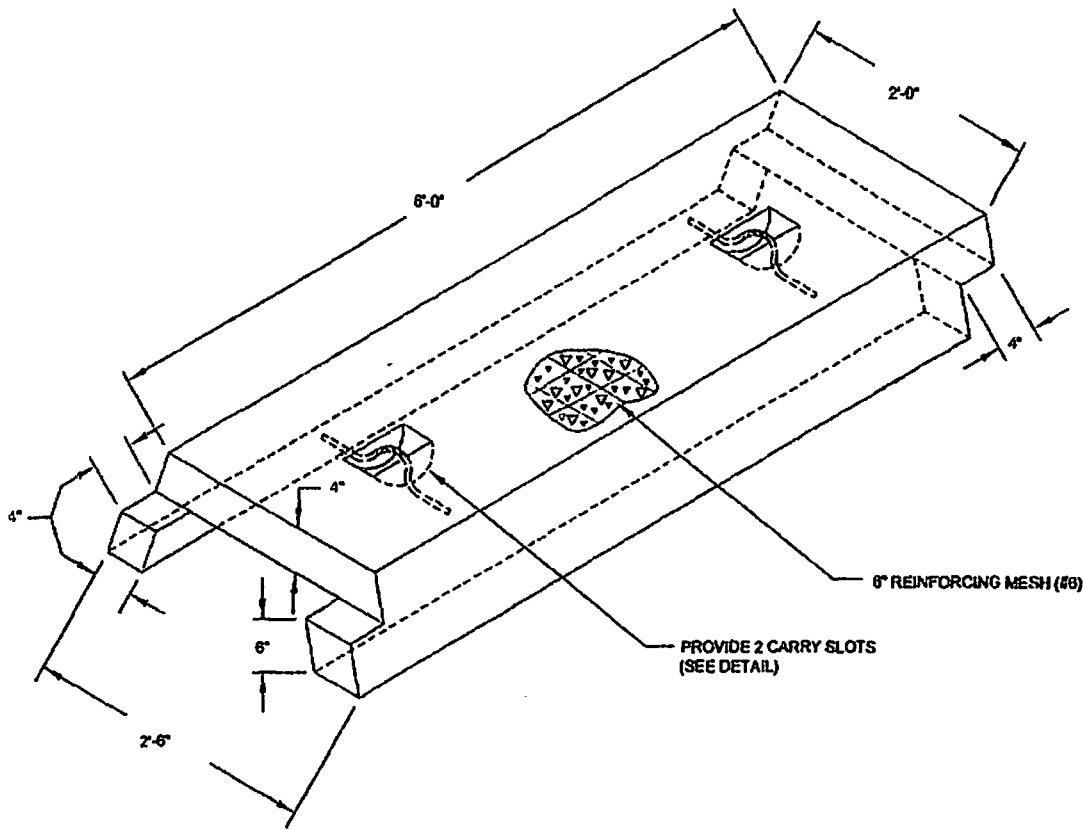
CONSTRUCTION STANDARDS  
UNDERGROUND PRIMARY  
RADIAL FEED  
PRIMARY POLE MATERIALS

# IUSUB

ISSUE DATE: 01/05

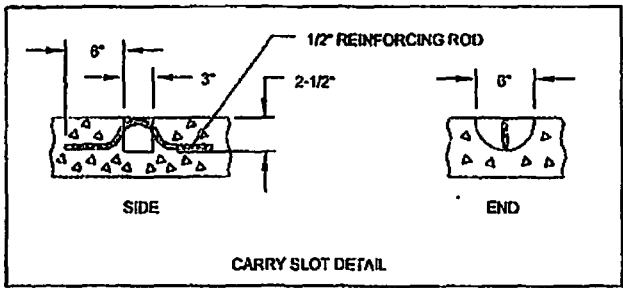
# EXHIBIT G

U7-6B



PROVIDE 2 CARRY SLOTS  
(SEE DETAIL)

6" REINFORCING MESH (#6)



**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

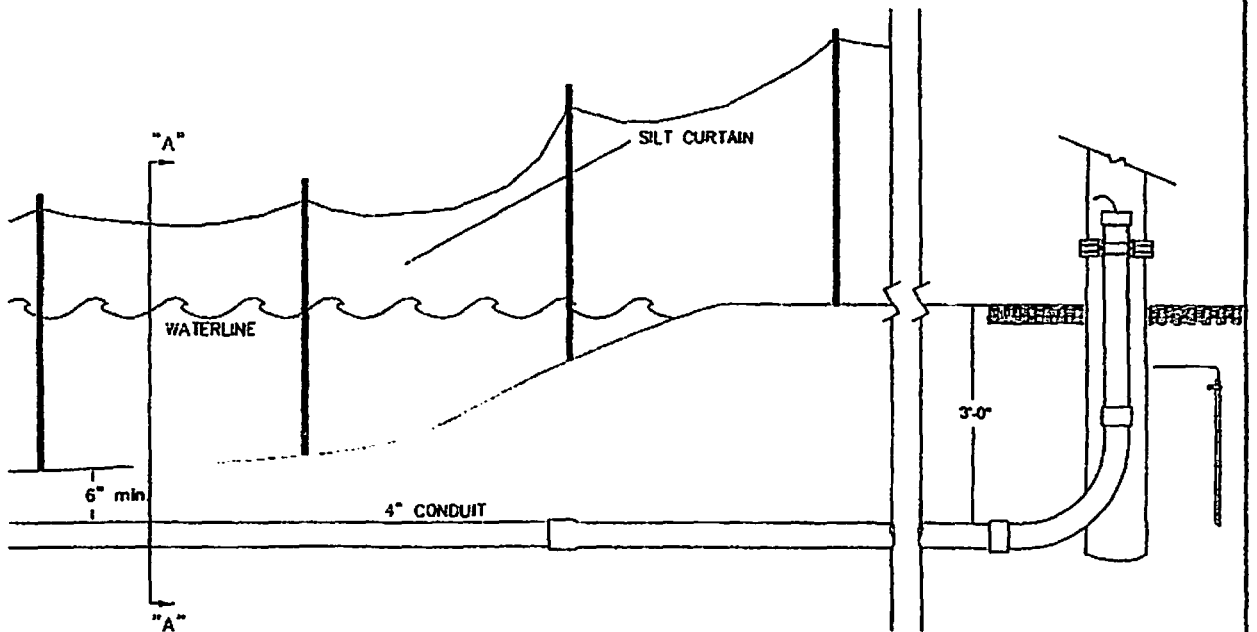
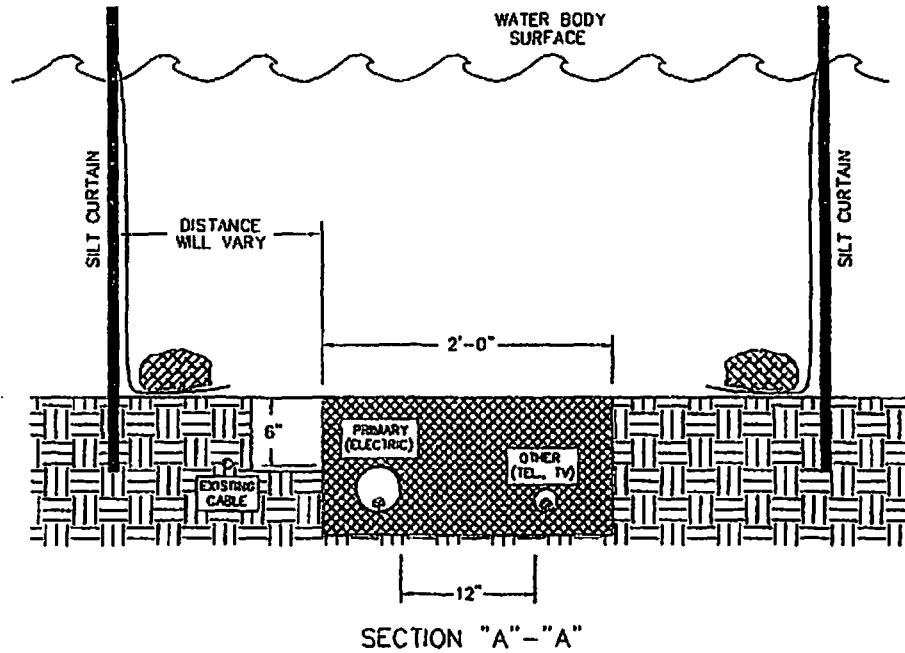
U7-6B

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