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# 15-DAY PUBLIC NOTICE



**US Army Corps  
of Engineers**®  
New England District  
696 Virginia Road  
Concord, MA 01742-2751

**Comment Period Begins:** October 17, 2017

**Comment Period Ends:** November 1, 2017

**File Number:** NAE-2017-01974

**In Reply Refer To:** Daniel Breen

**Phone:** (978) 318-8732

**E-mail:** Daniel.B.Breen@usace.army.mil

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The District Engineer has received a permit application to conduct work in waters of the United States from Algonquin Gas Transmission, LLC (Algonquin) of 890 Winter Street, Waltham, Massachusetts, 02451 (POC: TRC Environmental Corporation, 6 Ashley Drive, Scarborough, Maine, 04074). This work is proposed in tidal wetlands adjacent to Belcher Cove, located near Brown Street in the Town of Warren, Bristol County, Rhode Island. The site coordinates are: Latitude 41.7356°N, Longitude 71.2819°W.

Algonquin is responsible for maintaining the safety and reliability of its high-pressure natural gas pipeline systems, which includes providing adequate cathodic protection (CP) of its existing pipeline through the installation of CP ground beds. Recent close interval surveys conducted along Algonquin's existing Line G-6 pipeline system in the Town of Warren indicate that additional CP is required because the original system has become depleted and is no longer functional. This proposed work involves the in-kind replacement of 10 new anodes and electric header cable over a distance of approximately 770 feet. Specifically, the 10 replacement anodes will be drilled to a depth of 10 feet using a lightweight, low ground pressure hollow stem drill coring machine. Each anode is connected with a header cable that will run back to an existing rectifier to power the system. The header cable will be installed in a trench that will be excavated by hand. All work will be limited to the existing 20-foot wide cathodic protection (CP) easement. This work will involve temporary impacts in the form of fill material within 3,775 square feet of a salt marsh adjacent to Belcher Cove. The salt marsh will be restored to existing conditions and stabilized following the completion of construction.

The proposed work is illustrated on the attached plans in two sheets entitled "Ground Bed Installation, Brown Street, Warren, RI, 02885," dated June 6, 2017.

## **AUTHORITY**

Permits are required pursuant to:

Section 10 of the Rivers and Harbors Act of 1899

Section 404 of the Clean Water Act

Section 103 of the Marine Protection, Research and Sanctuaries Act.

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers, New England District (Corps), is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. The Corps will consider all comments received to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972, as amended.

### **ESSENTIAL FISH HABITAT**

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). Essential Fish Habitat describes waters and substrate necessary for fish for spawning, breeding, feeding or growth to maturity.

This project will temporarily impact 3,775 square feet (0.09 acre) of Essential Fish Habitat (*EFH*). This habitat consists of tidal salt marsh. Loss of this habitat may adversely affect species that use these waters and substrate. However, the District Engineer has made a preliminary determination that the site-specific adverse effect will not be substantial. Further consultation with the National Marine Fisheries Service regarding EFH conservation recommendations is being conducted and will be concluded prior to the final decision.

### **NATIONAL HISTORIC PRESERVATION ACT**

Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended, is necessary. This determination is based upon one or more of the following:

- a. The permit area has been extensively modified by previous work.
- b. The permit area has been recently created.
- c. The proposed activity is of limited nature and scope.
- d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general vicinity.
- e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer(s).



**ENDANGERED SPECIES CONSULTATION**

The Corps has reviewed the application for the potential impact on Federally-listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act as amended. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it may affect but is not likely to adversely affect listed species or their critical habitat. We are coordinating with the NMFS and/or U.S. Fish and Wildlife Service on listed species under their jurisdiction and the ESA consultation will be concluded prior to the final decision.

**OTHER GOVERNMENT AUTHORIZATIONS**

The states of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved Coastal Zone Management Programs. Where applicable, the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The following authorizations have been applied for, or have been, or will be obtained:

- Permit, license or assent from State.
- Permit from local wetland agency or conservation commission.
- Water Quality Certification in accordance with Section 401 of the Clean Water Act.

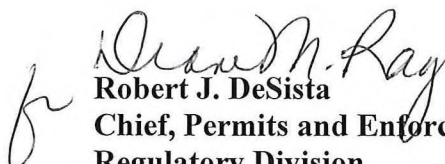
**COMMENTS**

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. Comments should be submitted in writing by the above date. If you have any questions, please contact Daniel Breen at (978) 318-8732, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

**THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.**

  
**Robert J. DeSista**  
**Chief, Permits and Enforcement Branch**  
**Regulatory Division**

**CENAE-R**  
**FILE NO. NAE-2017-01974**

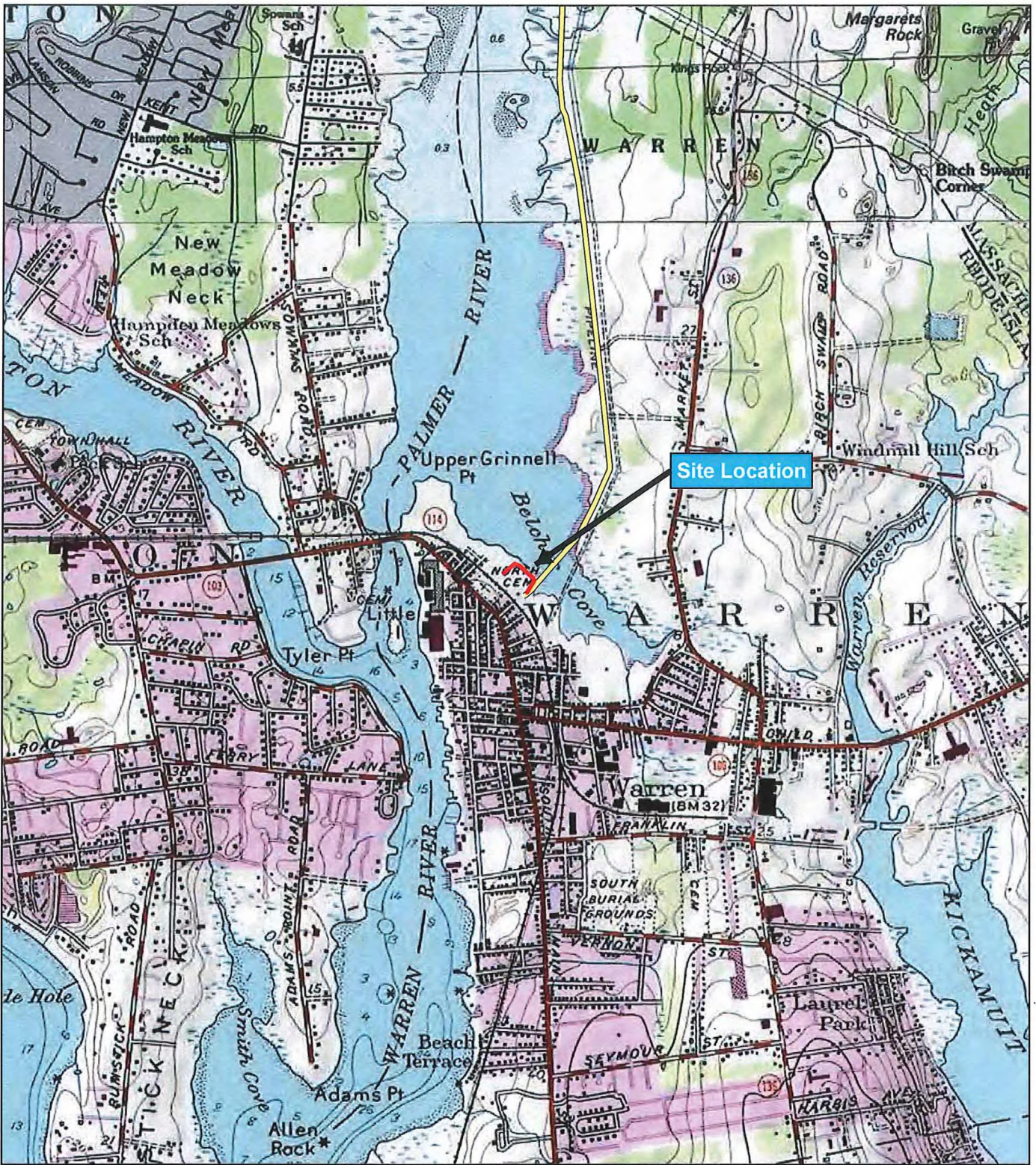
If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at [bettina.m.chaisson@usace.army.mil](mailto:bettina.m.chaisson@usace.army.mil). You may also check here ( ) and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: \_\_\_\_\_

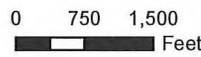
ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_





- Proposed Ground Bed System Replacement
- Existing Algonquin G-6 System



Wannalancit Mills  
650 Suffolk Street  
Lowell, MA 01854  
978-970-5600



**SITE LOCATION MAP**  
ALGONQUIN GAS TRANSMISSION, LLC  
8-INCH G-6 SYSTEM GAS PIPELINE  
CATHODIC PROTECTION SYSTEM  
REPLACEMENT PROJECT  
WARREN, RI

Base Map: Copyright:© 2013 National Geographic Society, i-cubed



**GENERAL NOTES**

1. THE PROPERTY LINES SHOWN ARE FROM DEEDS AND PLANS OF RECORD. PROPERTY LINE ARE SHOWN GRAPHICALLY AND SHOULD BE CONSIDERED APPROXIMATE.
2. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS AND INFORMATION OF RECORD. THEY ARE NOT WARRANTED TO BE EXACTLY LOCATED NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN.
3. HORIZONTAL DATUM IS BASED ON UTM 19, NAD 1983. ELEVATIONS SHOWN ON THIS PLAN REFER TO THE NAVD OF 1988.
4. THE WETLANDS SHOWN ON THIS PLAN WERE DELINEATED AND LOCATED BY TRC ENVIRONMENTAL INC. USING GPS IN MAY OF 2017.
5. THE EXISTING CONDITIONS SHOWN ON THIS PLAN ARE BASED UPON AN ACTUAL ON THE GROUND INSTRUMENT SURVEY PERFORMED BY VANASSE HANGEN BRUSTLIN, INC. IN MAY 2017.

**CONSTRUCTION NOTES:**

1. ANODES TO BE INSTALLED UTILIZING A LOW PSI TRACKED CORE DRILLER.
2. CABLE FOR ANODES TO BE INSTALLED USING BY HAND TOOLS, TRENCH SHALL BE DUG AND BACKFILLED WITHIN THE SAME DAY.
3. PROPOSED DESIGN AND METHODS ARE BY HMI SERVICES AND ARE SHOWN FOR GRAPHICAL PURPOSES ONLY, SEE PLAN CP-1 DATED 6-7-2017.
4. FINAL LOCATION OF EROSION CONTROL MAY BE ADJUSTED BASED ON FIELD REVIEW BY ENVIRONMENTAL INSPECTOR. SEE DETAILS EC-1 AND EC-2 IN EROSION AND SEDIMENTATION CONTROL PLAN

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS;

**TOPOGRAPHIC INFORMATION**

TYPE OF SURVEY: DATA ACCUMULATION SURVEY - CLASS III.

**PROPERTY INFORMATION**

TYPE OF SURVEY: COMPILATION PLAN - CLASS IV. PROPERTY INFORMATION DEPICTED ON THIS PLAN HAS BEEN PREPARED FROM SOURCES OF INFORMATION AND DATA WHOSE POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED. THE PROPERTY LINES DEPICTED HERON DO NOT REPRESENT A BOUNDARY OPINION AND IS SUBJECT TO SUCH CHANGES AS AN AUTHORITATIVE FIELD SURVEY MAY DISCLOSE.

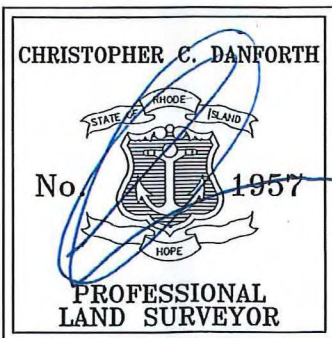
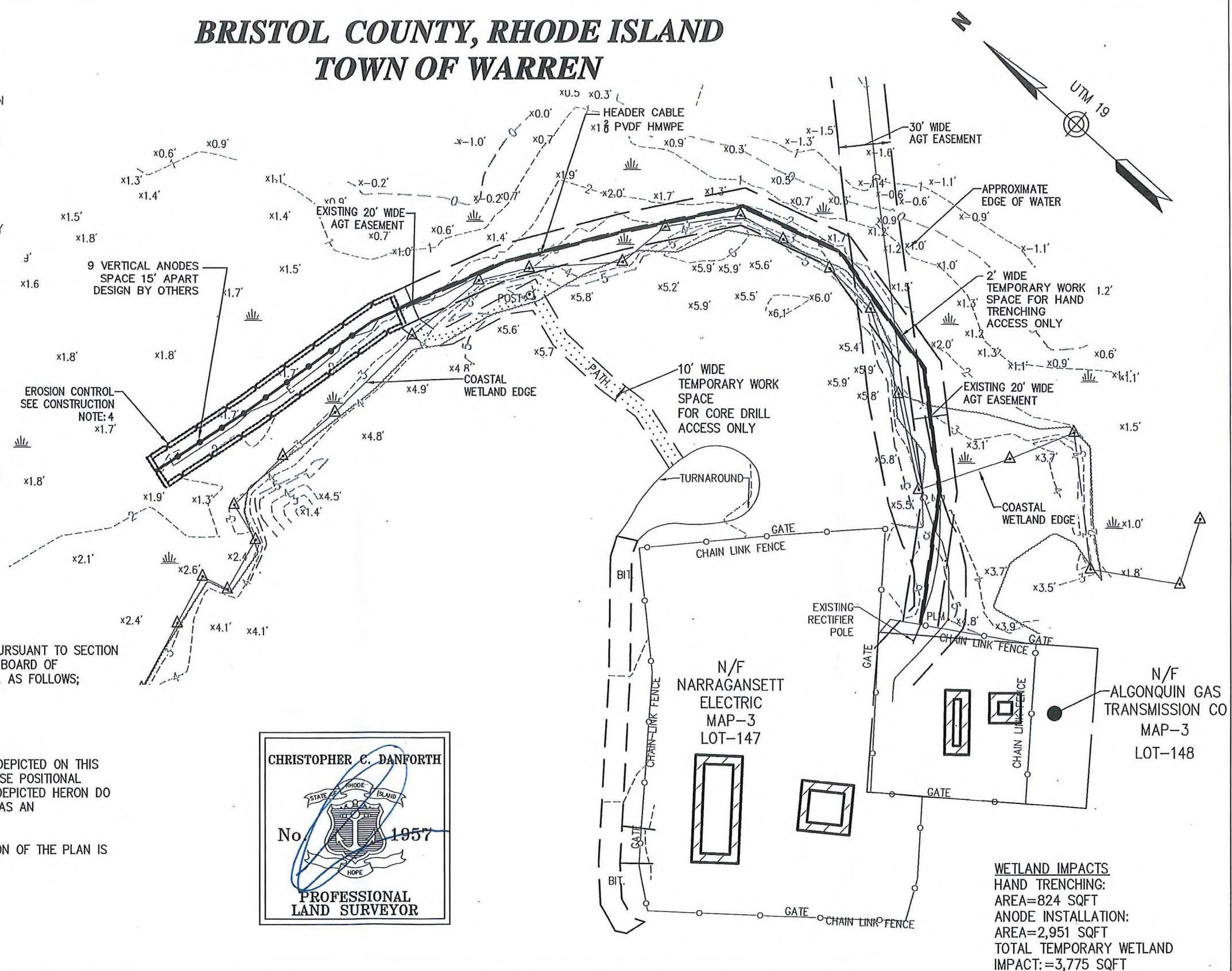
THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: DEPICT AND MARK PROPERTY BOUNDARIES.

BY  6/6/17



CHRISTOPHER C. DANFORTH, P.L.S. #1957 DATE

COA NO. A92

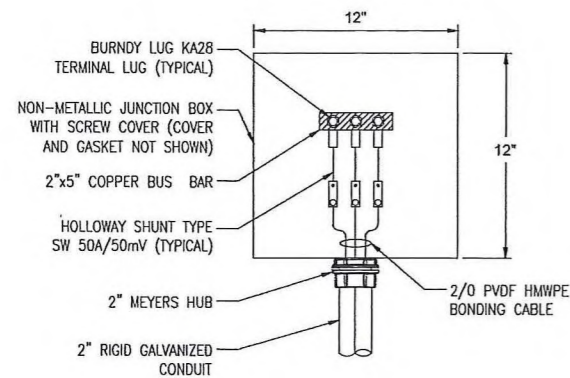
# BRISTOL COUNTY, RHODE ISLAND TOWN OF WARREN



C:\Civil 3D Projects\13700.04-EXIST.dwg - PLOT TIME: 7/14/2017 1:04 PM

IC.#			 <small>Transportation Land Development Environmental Services</small> <small>101 Walnut Street, P.O. Box 9151 Warrenton, Massachusetts 02474-9151 617 924 1770 • FAX 617 924 2286</small>							 <small>Algonquin Gas Transmission, LLC 5400 Westheimer Ct. Houston, TX 77056-5310 713 / 627-5400</small>			
	REV.#	DESCRIPTION		DATE	PROJ. ENG.	DP	TITLE: GROUND BED INSTALLATION BROWN STREET WARREN, RI 02885		REV.: 0				
					CHECKED BY:	DP	DRAWN BY:	S.L.T.	LOC.: WARREN, RI		YR.: 2017	W.O. 004120028	DWG. NO.
					SCALE: 1"=80'	JUNE 6	YR.: 2017	W.O. 004120028	DWG. NO.				

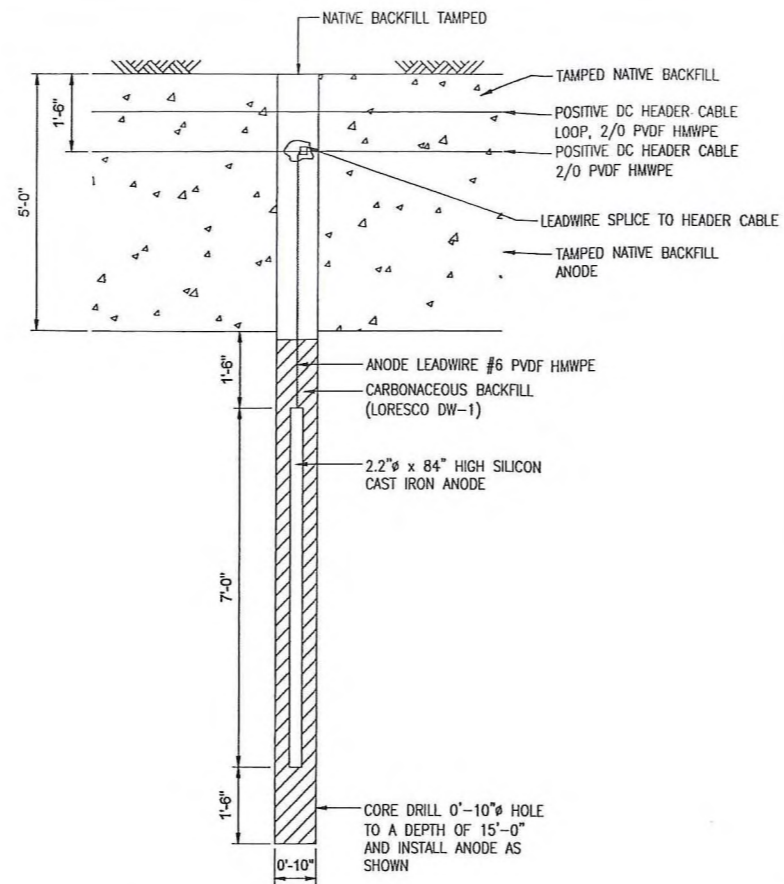




- NOTES:
1. 12"x12"x6" NON-METALLIC JUNCTION BOX WITH SCREW COVER
  2. 3/8" THICK PHENOLIC BACKING MOUNTED INSIDE JUNCTION BOX
  3. ALL COPPER BOLTS, BUS BAR, LUGS AND NUTS
  4. CABLES SHALL BE LABELED: HEADER TO RECTIFIER, HEADER TO GROUND BED, HEADER FROM GROUND BED
  5. JUNCTION BOX MOUNTED ON 4"x4" POST. METALLIC STRUT SHALL BE ATTACHED TO BACK OF JUNCTION BOX FOR MOUNTING TO POST.

**1** NEGATIVE CABLES JUNCTION BOX  
DETAIL

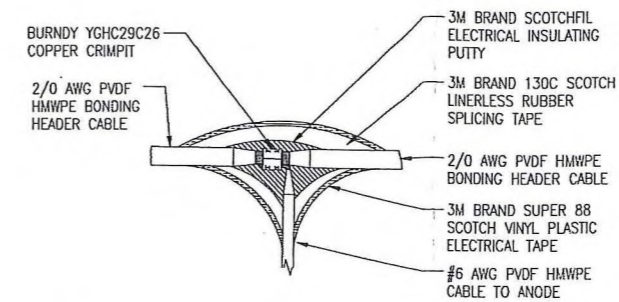
Scale: N.T.S.



- NOTES:
1. SEE DETAIL #3 FOR SPLICE DETAILS

**2** VERTICAL ANODE DETAIL  
(TYPICAL)

Scale: N.T.S.



- NOTES:
1. SPLICE AREA SHALL BE CLEAN AND DRY PRIOR TO TAPING.
  2. SPLICE SHALL BE TAPED AS SHOWN IN 3 LAYERS WITH NO WRINKLES OR IMPERFECTIONS.
  3. SPLICE SHALL BE COATED WITH 3M SCOTCHKOTE ELECTRICAL COATING AFTER THE FINAL LAYER OF 3M SUPER 88 VINYL PLASTIC TAPE IS APPLIED.
  4. BACKFILLING OF THE SPLICE SHALL NOT BE ALLOWED UNTIL THE ELECTRICAL COATING HAS DRIED.

**3** 3 LAYER TAPED SPLICE DETAIL  
(ANODE) (TYPICAL)

Scale: NOT TO SCALE

REV	DATE	DESCRIPTION	DRWN	CHKD	APP'D
A	6/7/17	ISSUED FOR REVIEW	DPK	JC	PL
PROJECT#: 312C-AGT702					
GROUNDBED INSTALLATION - DETAILS BROWN ST. WARREN, RI 02885					
DRAWN BY: DPK		SCALE: N.T.S.		DATE: 5/22/17	
DESIGN BY: PA		DWG NO.:		REV.:	
CHECKED BY: JC		CP1 SHT. 2 OF 2		A	
APPROVED BY: PL					