

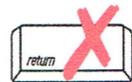


WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. General Information

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

MSR Utility Maintenance _____ msrraymond@aol.com
Name E-Mail Address

501 High St _____
Mailing Address

Dunstable _____ MA _____ 01827
City/Town State Zip Code

978 649 0921 _____
Phone Number Fax Number (if applicable)

2. Representative (if any):

Basbanes Wetland Consulting _____
Firm

Leah Basbanes _____ lbasbanes@gmail.com
Contact Name E-Mail Address

39 Hardy St _____
Mailing Address

Dunstable _____ MA _____ 01827
City/Town State Zip Code

978 649 3839 _____
Phone Number same Fax Number (if applicable)

B. Determinations

1. I request the Acton _____ make the following determination(s). Check any that apply:
Conservation Commission

- a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance** or **bylaw** of:

Acton _____
Name of Municipality

- e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).



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C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

86 Central St	Acton
Street Address	City/Town
G2	178
Assessors Map/Plat Number	Parcel/Lot Number

b. Area Description (use additional paper, if necessary):

The area of work will be within the roadway easement which is a grassed roadway shoulder approximately 10' off the pavement edge.

c. Plan and/or Map Reference(s):

Proposed Replacement Anode Bed	May 13, 2013
Title	Date
_____	_____
Title	Date
_____	_____
Title	Date
_____	_____

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

Proposing to dig a 100' x 1' trench approximately 6-10' off the roadway to install anode bed. The work will range from 15 to 30' from the wetland boundary. The work is in the buffer zone only. The work is not in the riverfront area or floodplain. Erosion control will be installed around the trench prior to any earthwork.



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

Acton
City/Town

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C. Project Description (cont.)

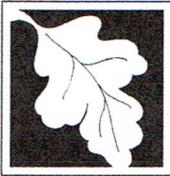
b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

Normal maintenance and improvement of town utility infrastructure.

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



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D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

Town of Acton

Name

472 Main St

Mailing Address

Acton

City/Town

MA

State

01720

Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

Signature of Applicant

Date

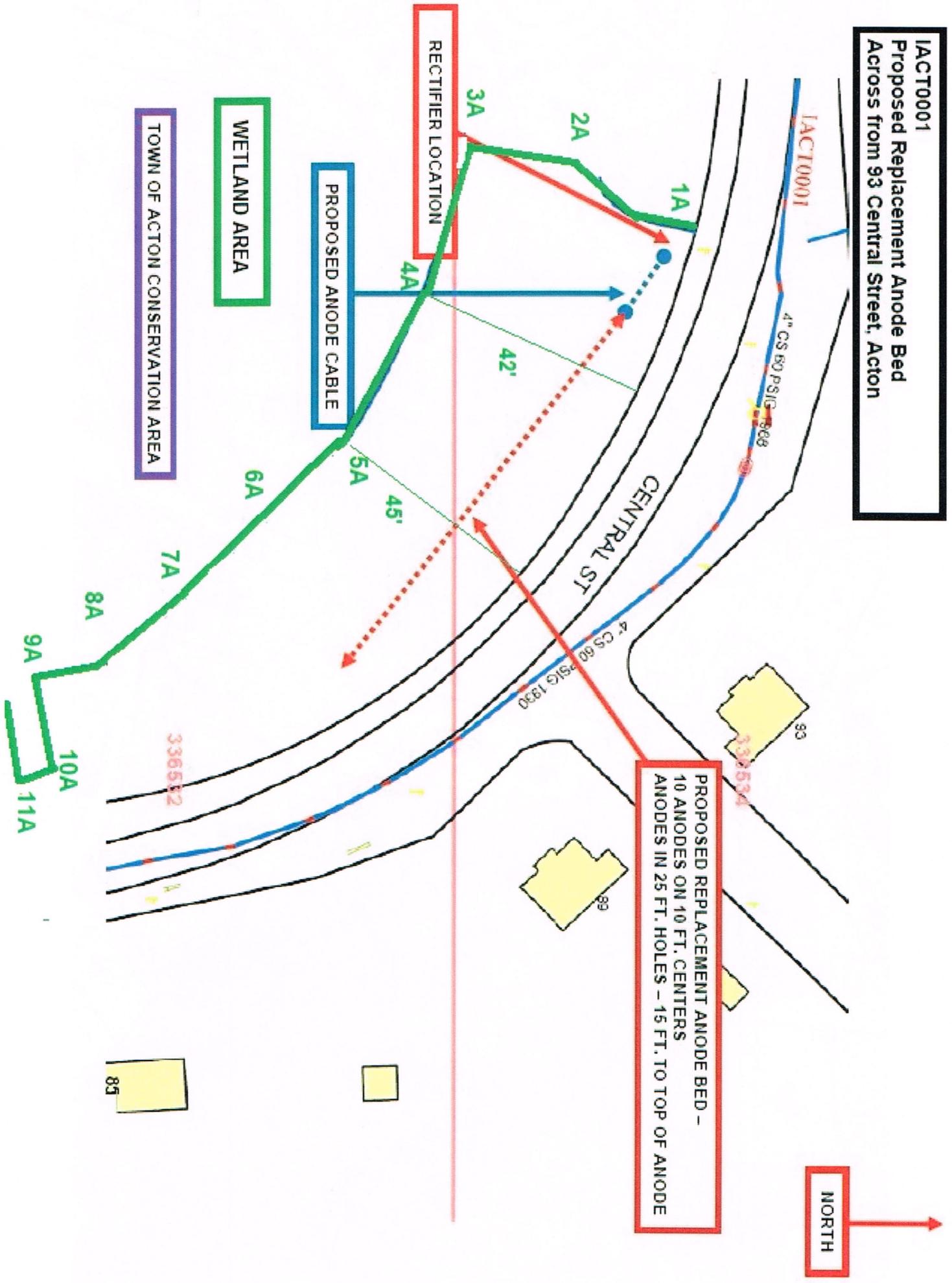
7.16.13

Signature of Representative (if any)

Date

July 16, 2013

IACT0001
Proposed Replacement Anode Bed
Across from 93 Central Street, Acton





Peggy Conservation Area

Central Street

Jowney Road

Fond Brook



Scale = 1:4,514

202,552.71 m 912,940.56 m

43



100 m
200 ft

Scale = 1:9,038

201,987.20m 912,677.52m

Hope
Cem

PH 521

INSTALLATION INSTRUCTIONS

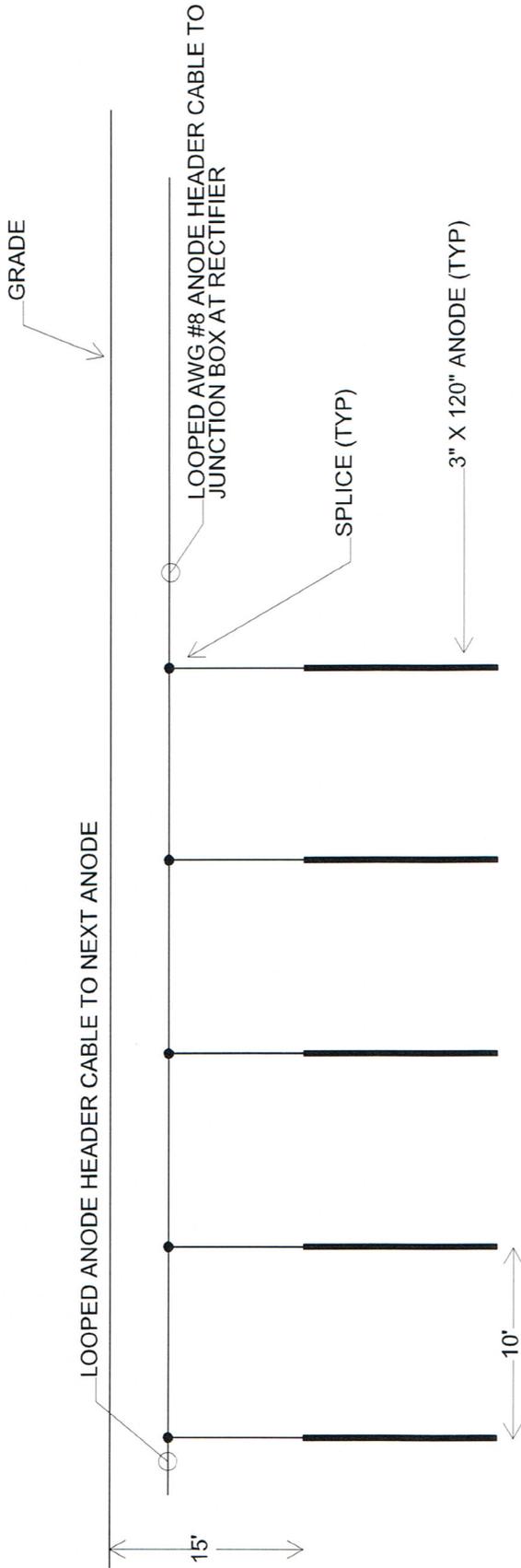
Proposed Replacement Anode Bed - IACT0001
Across from 93 Central Street, Acton
National Grid - Leominster Division
May 13, 2013

1. The proposed location for the replacement anode bed is in the grass area across from 93 Central Street.
2. Before installation of this proposed anode bed, verify that there are no other underground structures in the area to be excavated and/or augered.
 - a. There is a 4-inch CS National Grid gas main in the area of the proposed anode bed.
 - b. The underground AC service to the rectifier is in the area of the proposed anode bed.
 - c. There may be other structures in the area of the proposed anode bed.
3. Install the anode bed as shown on the attached drawings and pictures and specified in the Bill of Materials.
 - a. Install the replacement anodes at approximately the same location as the original anodes. An as-built sketch of the original anode bed is included with this design package.
 - b. Install 10 anodes vertically in 25 ft. augered holes. 15 ft. to top of anode.
 - c. Install the anodes on minimum 10 ft. centers.
 - d. The depth, spacing and number of anodes may be altered at the time of installation with the approval of National Grid or its representative.
4. Install a looped anode header cable from the anode bed to the existing rectifier.
 - a. Splice the anode lead wires to a looped AWG #8 HMWPE header cable using split-bolt or crimp connectors. Splice all of the lead wires to one leg of the loop.
 - b. Cover each splice with a DRYCONN® Visilock™ with SmartGel™ Waterproof Splice Box or approved equal.
 - c. Route both ends of the looped header cable into the rectifier.

BILL OF MATERIALS

Proposed Replacement Anode Bed - IACT0001
Across from 93 Central Street, Acton
National Grid - Leominster Division
May 13, 2013

ITEM	QUANTITY	DESCRIPTION
1	10	Anodes: Matcor, Inc. Model MMP31208 - Mixed Metal Oxide Anodes - anode element packaged in 3" x 120" canister, 20 year life at 8 amperes output, with 30 ft. of AWG #8 copper lead wire with HMWPE insulation.
2	300 ft.	Cable: AWG #8 copper cable with HMWPE insulation.
3	10	Connectors: Burndy KS-15 Copper Split-bolt Connectors.
4	10	Splice Kits: DRYCONN® Visilock™ with SmartGel™ Waterproof Splice Box or approved equal.



ANODE BED LAYOUT - SIDE VIEW

NOTES:

1. TEN (10) ANODES ARE TO BE INSTALLED.
2. INSTALL ANODES VERTICALLY. 15 FT TO TOP OF ANODE.
3. BACKFILL AROUND ANODES WITH NATIVE SOIL. DO NOT USE SAND.

New England CP, Inc.
WEST BRIDGEWATER, MA

PROPOSED REPLACEMENT ANODE BED
93 CENTRAL ST, ACTON
IACT0001
NATIONAL GRID

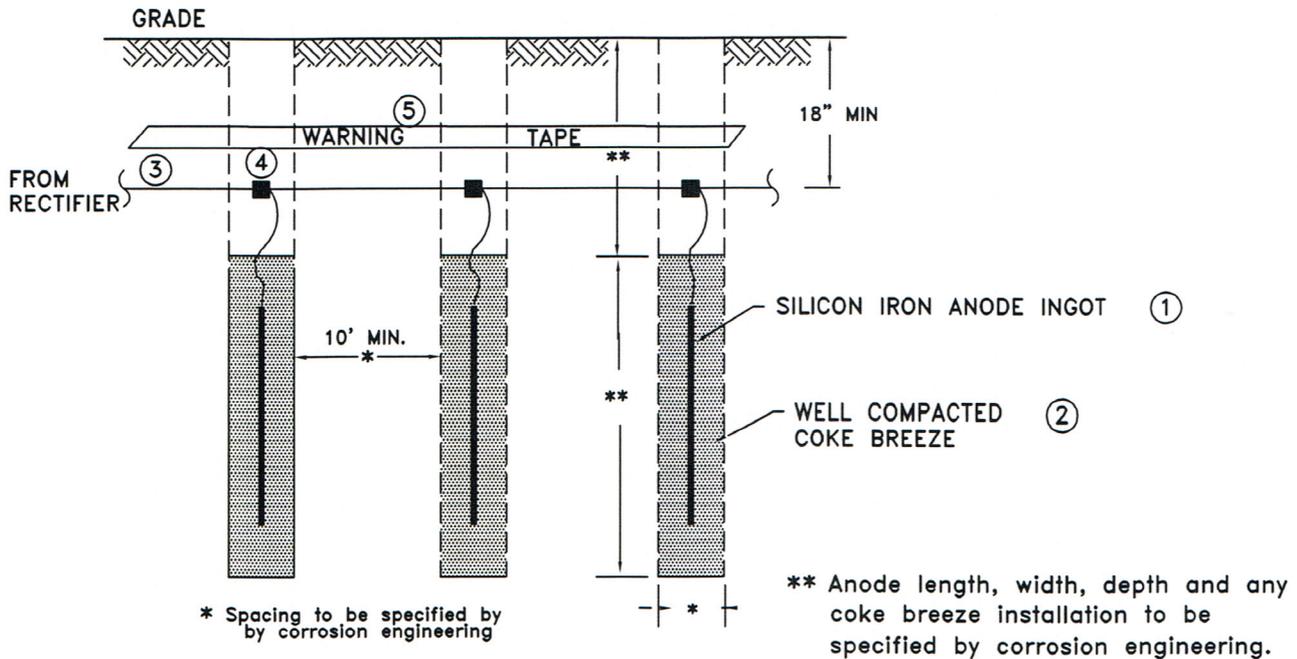
SCALE: NONE
DRAWN BY: TBW

DWG: IACT0001A1

DATE: 5/13/2013
REV:

VERTICAL INSTALLATION

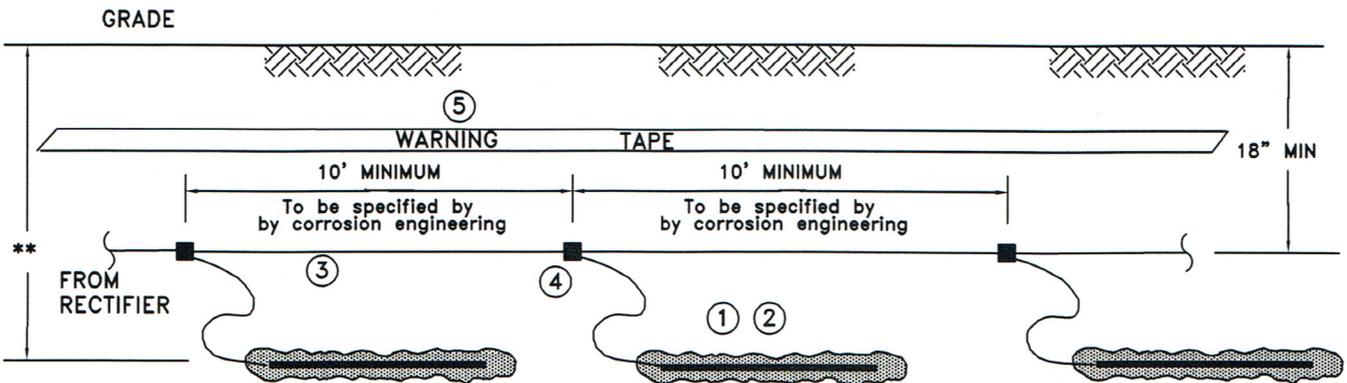
(PREFERRED)



HORIZONTAL INSTALLATION

(ALTERNATIVE)

SEE NOTE C



nationalgrid

ALL REGIONS

INSTALLATION OF IMPRESSED CURRENT ANODE

REVISIONS: NEW

DATE: 04/15/2010

EFFECTIVE DATE: 04/15/2010

DESIGN: PG

STD. DWG. **060023-CS**

APPROVED: PS

NO.

89 CENTRALST

TOWN OF ACTON CONSERVATION AREA

RECTIFIER LOCATION

PROPOSED REPLACEMENT ANODE BED -
10 ANODES ON 10 FT. CENTERS
ANODES IN 25 FT. HOLES - 15 FT. TO TOP OF ANODE

PROPOSED ANODE CABLE

