

APPLICATION/AGREEMENT
For Trench/Disturbance Permit within the City of New Bedford

Permit # _____
Dig Safe: _____
Date: 11/03/2021

TO THE MAYOR AND CITY COUNCIL: DISTURBANCE PERMIT/TRENCH SAFETY PERMIT

Permission is hereby requested to excavate the surface of : X City Property and/or X Private Property
Provide Sketch

Location of Work: Brock Ave.
Wking W. side of Brock Ave from Ricketson St. continue 200' S.
Gas Line Maintenance

Work will begin (weather permitting) on: November 17, 2021

Applicant Name: Kevin O'Sullivan (ra) Excavator(s) Name: _____

Company Name: Eversource Hoisting Equipment License Number: _____

Grade: _____ Expiration Date: _____

Contact Number: 508-441-5817 Name & Contact Number of Insurer: _____

Competent Person on Work Site: ON FILE APPROVED BY: _____ DATE: _____

TITLE: Daniel February 2022

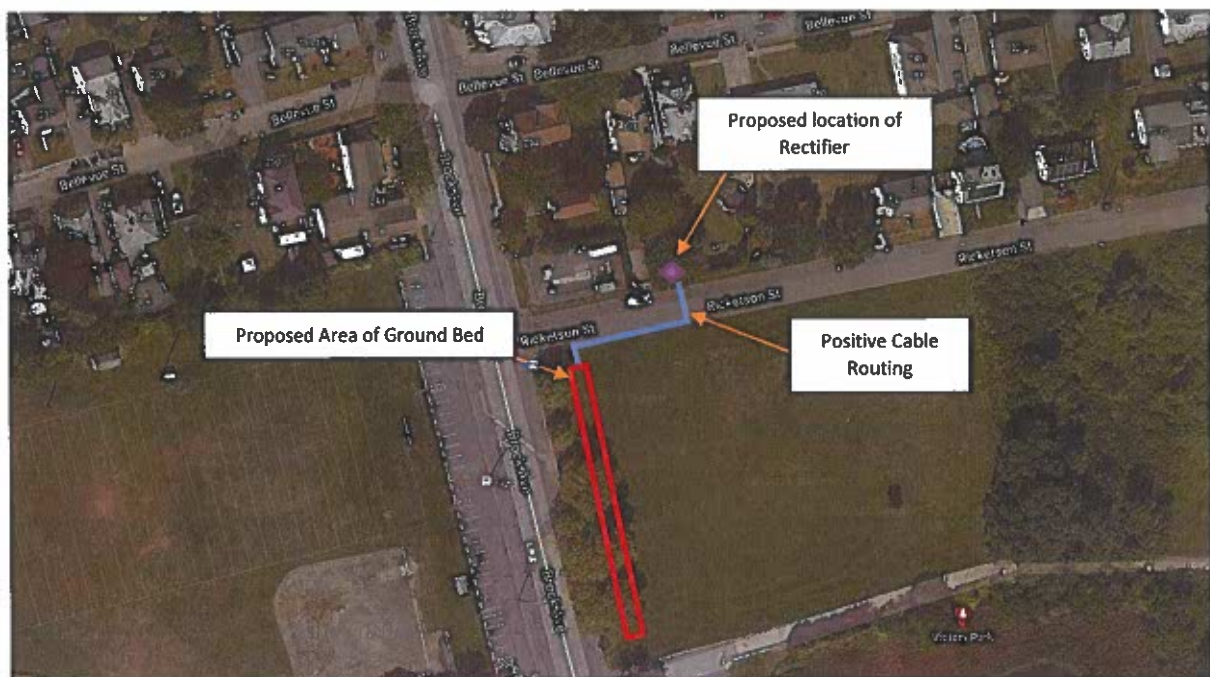
This permit shall be posted at the work site, and shall remain until the work is completed. It is subject to inspection at all times.

Material list:

Item No.	Amps	Volts (DC)	Input Voltage	Air Cooled	Case Dimensions	Meters	Variable or Manual	Mfg./Supplier	Catalog no.
584628	12	100	115/230 VAC, 1 Phase set for 115V, 60 Hertz	Yes	19" x 14.5" x 9.5"	Dual meters for voltage and amperage	Manual (Tap Control)	BMS INC(DIV OF ABLESTAR)	ASAI-100-12-AACR

Item Number	Description	Commodity Code	Quantity
586524	ANODE, 3 X 120 CANISTER, 30 FT OF AWG #8 C U LEAD, MIXED METAL OXIDE, 8 A OUTPUT	32141102	11
509530	ANODE, FILL, COKE BREEZE, 50 LB BAG, USE WITH IN 509529	32141102	325
	Cable #8		800ft

Site Overview:









HMI UTILITIES, LLC | 1395 ATWOOD AVENUE, SUITE 115 | JOHNSTON, RHODE ISLAND 02919 |

Eversource Energy
157 Cordaville Rd,
Southborough, MA 01772

Attn: Mark Walraven
Supervisor, MA Corrosion

Re: Shore St System – R-00033-NEB

Proposed includes the installation of an additional ground bed and rectifier for Main R-00033-NEB

Proposed Horizontal Ground bed of 11 anodes at 10ft spacing end to end overall length of approximately 190 ft.

- Anode Spacing 10ft End to End
- Anode Bed: 12in Wide by 5ft Deep Trench by approximately 190 ft long
- 12in by 24in trench for header cable
- Anticipated Ground bed Resistance 8 Ohms

Anode installation to be as follows:

- Anodes to be laid in continuous Coke bed, 6 inch of SC.3 back fill coating the base of the trench.
- Anodes to be installed on top of Coke base at 10ft spacing end to end an additional 6 inches SC.3 back fill in trench making a 12in-by-12in Coke column.
- Header cable is to be looped style back to rectifier with T style 3-layer underground linemen's splice off header cable to each anode (Performed by HMI).

Rectifier installation to be as follows:

- New Rectifier to be mounted on pole near Victory Park regulator.
- Rectifier to be installed by ESG provided electrician.
- Material for installing rectifier are to be provided by electrician, Including conduit and conduit connectors.
- HMI can provide this material upon request.

Devin Ford

Corrosion Technician – New England

HMI Utilities, LLC

A Henkels & McCoy Group Company