

For Trench/Disturbance Permit within the City of New Bedford

Date: 11/03/2021

DISTURBANCE PERMIT/TRENCH SAFETY PERMIT

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

Wking from Brock Ave go W. appx 100' E. on Ricketson St.

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

Company Name: Eversource

Contact Number: 508-441-5817

Name & Contact Number of Insurer: _____

Competent Person on Work Site: ON FILE

APPROVED BY: _____ DATE: _____

TITLE: David Feb. 2023

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.



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

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Material list:

Item No.	584628	
Amps	12	
Volts (DC)	100	
Input Voltage	115/230 VAC, 1 Phase set for 115V, 60 Hertz	
Air Cooled	Yes	
Case Dimensions	19" x 14.5" x 9.5"	
Meters	Dual meters for voltage and amperage	
Variable or Manual	Manual (Tap Control)	
Mfg./Supplier	BMS INC(DIV OF ABLESTAR)	
Catalog no.	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, FILT, COKE BREZEZ, 50 LB BAG, USE WITH IN 509529	32141102	325
	Cable #8		800ft

Site Overview:





