

Franklin Park Electrical Connection Site Detail



0 0.05 0.1 0.2 Miles









STADEN AV HÄLSINGE
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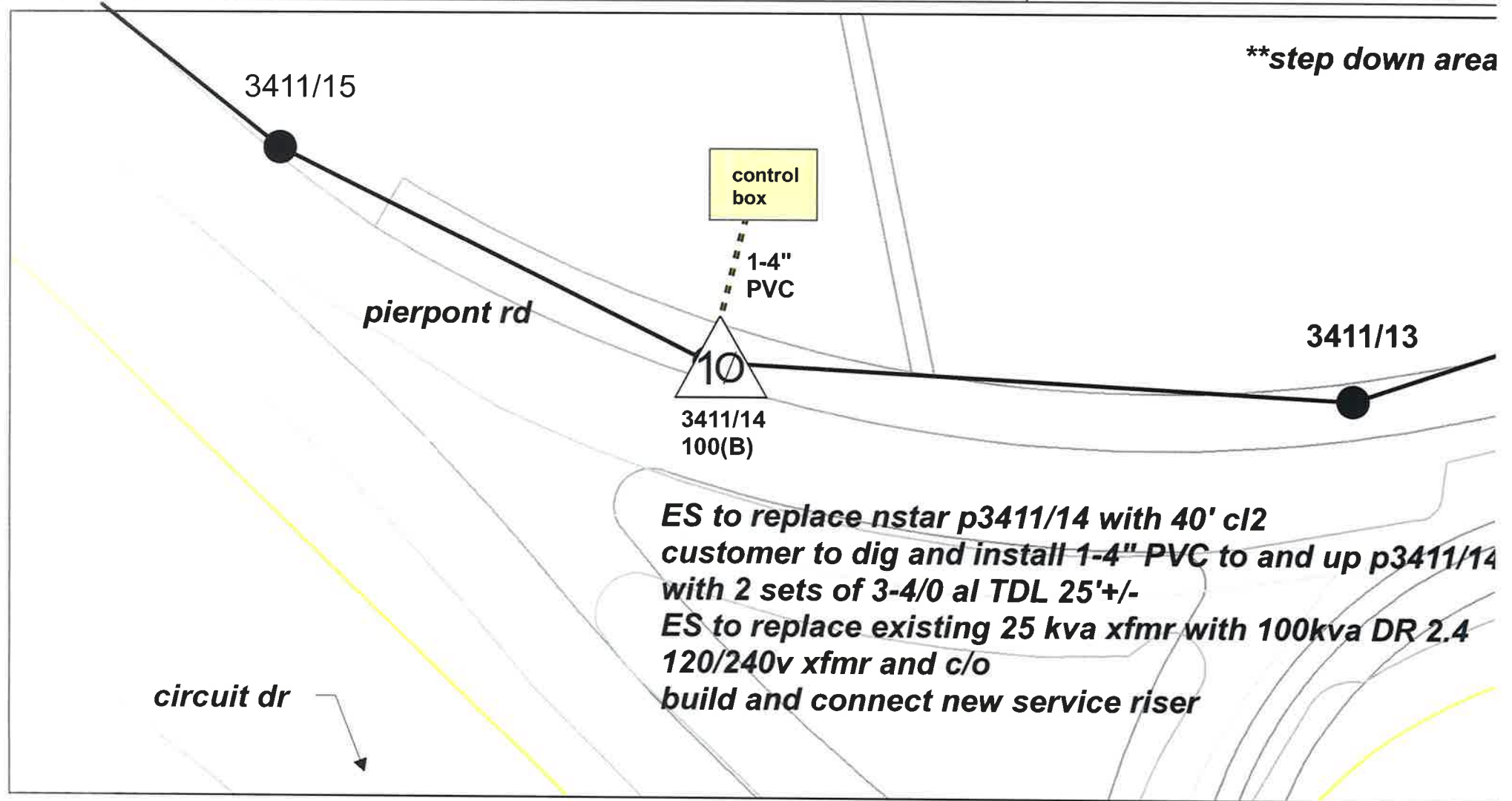
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2021
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Customer's Name/Title: city of boston	Prepared by: M Maloney	Date: 05/11/19	Construction Work Assigned To:	Construction Work Completed By:
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Sales Representative: p riley	<input checked="" type="checkbox"/> Overhead <input type="checkbox"/> Underground	Circuit Number: 554-79h1
Electrician: city rep john bailey 617-888-4573		Purchase Order Number:
Switch Size: 400 amp		Secondary Sheet Number:



Extra Cost	Overtime	Tree Trimming	Rock Holes
Man-Hours:			

JC LENTINE ELECTRIC SERVICE, INC.

ELECTRICAL AND FIRE ALARM CONTRACTORS
COMMERCIAL – INDUSTRIAL – MUNICIPAL – INSTALLATIONS
MASTER ELECTRICIAN LIC. A-16522

PHONE (617) 361-1500
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54R WALTER STREET #6
HYDE PARK, MA 02136

August 10, 2021

Ms. Erica Holm
Field Operations Coordinator
Emerald Necklace Conservancy
350 Jamaicaway
Boston, MA 02130

PROPOSAL TO INSTALL SERVICE CABINET – PLAYSTEAD PLAYGROUND

Dear Erica:

We are pleased to provide the following proposal for your consideration:

Provide labor, equipment, and materials to install a new service cabinet and electric service as directed at Playstead. Install new cabinet on a new concrete pad located between the (2) rock outcroppings, within 15' of the utility pole.

After replacement of the utility pole by Eversource, install new 4" riser conduit on the pole and 4" underground conduit to the proposed equipment pad. Install galvanized rigid steel sweeps and 10' galvanized rigid conduit riser on the pole. Install galvanized rigid steel conduit at the pad, into the meter socket. Underground conduit to be 4" schedule 40 PVC.

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Provide excavation for trench and pad, stone base for pad, and sand around underground conduit. Remove excess excavated material from the site. Form and place approximately 3' x 6' x10" concrete pad. Loam and seed excavated area.

This proposal assumes no ledge or large boulders will be encountered. Ledge or large boulders will impact project cost.

Install stainless steel cabinet being offered by Boston Parks and recreation from their inventory. Transport cabinet to and from fabricator and have cabinet modified to provide a small, locking door on the side to route temporary cables out of so that the main doors can be secured. Painting of the cabinet a different color is NOT included.

Set cabinet on the concrete pad. Install foam adhesive gasket material under the cabinet and caulk around the perimeter of the cabinet with Dymonic hybrid sealant.

Install ground rod at the utility pole and at the concrete pad. Bond both ground rods together, and to the riser conduit as well as to the new service equipment.

Install a class 320, 120/240 volt, single phase meter socket on the rear exterior of the cabinet. Inside the cabinet install a 400 amp 120/240 single phase panelboard with bolt-on breakers and a 400 amp main breaker. Panel to have (6) 1 pole 20 amp, (1) 2 pole 30 amp, (1) 2 pole 50 amp, (1) 2 pole 60 amp, and (1) 2 pole 100 amp breakers. The above breakers are NOT GFCI breakers as they are currently not required to be, but this may change in the future.

Install (4) GFCI duplex outlets in the cabinet on (4) dedicated 20 amp circuits. Install 400 amp cam-lock receptacles connected to the 2 pole 100 amp breaker, neutral, and ground.

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Install (1) 4' LED strip light and switch inside the cabinet.

Install 500 MCM copper type XHHW conductors from the riser pole, leaving adequate slack for Eversource connections, to the meter socket, and into the panel.

Provide all necessary code required grounding and bonding.

Provide boom truck to set the cabinet on the pad, and provide bucket truck to secure the wires at a safe height on the riser pole to reduce vandalism.

Please note, once the wiring is installed in the conduit and secured on the pole, we will NOT be responsible for any theft or vandalism due to the high value of copper at this time.

This proposal includes a City of Boston electrical permit and associated fee. This proposal also includes contacting Dig Safe prior to the work, and any necessary coordination with Eversource and Boston Parks and Recreation. Eversource connection fees are NOT included.

This proposal is based on all work being performed during normal work hours of Monday – Friday, 7:00 AM to 3:30 PM. All work will be performed by Massachusetts licensed electricians and/or state registered apprentices. All employees have completed the 10-Hour OSHA mandated training class.

This proposal DOES NOT include any City of Boston DPW permits, Boston Parks access permits or associated permit fees. This proposal DOES NOT include any costs for Police details, pedestrian or traffic control devices, etc. This proposal does NOT include provisions such as on site toilet facilities or hand washing stations if mandated by Inspectional Services.

Please note that the means and methods, and material types specified herein are of first quality and are consistent with Boston Parks and Recreation Department specifications for this work.

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COST TO PERFORM THIS WORK: \$26,625.00

**This proposal is firm for 30 days due to current market volatility.
Please note many materials are experiencing very long lead times.**

Terms: All invoices NET 30 Days, progress billing as work progresses.
1 1/2 % per month plus any associated collection or legal fees will be charged to
all past due accounts.

Very truly yours,

John C. Lentine

PROPOSAL ACCEPTED BY:

(print)

(signature of authorized person)

Date:_____