

59 Bow Street, Somerville
800Amp 120-208V

WO#5515122

13.8kV Circuit 250-1N39H1

Conduit Path Sketch

Luis A. Escobar
8-31-2022

Not to Scale
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IMPORTANT CUSTOMER/CONTRACTOR NOTE:

Please leave a message on the conduit inspection line (617-541-7071), a minimum of 72 hours prior to starting construction, to arrange a required pre-construction meeting with an Eversource Inspector. All ductwork, grounding, transformer bases and manholes must be inspected by Eversource prior to backfilling or concrete encasement. All conduit must be installed per Eversource Standards:

DTR 76.650 & DTR 76.654

Customer to install an **HA300** Modified Manhole,
Per Eversource Standard **DTR 76.654**.

Customer to install secondary conduits from private property to **MH31770** to service entrance of **Building #59**.

Customer to purchase and install
Special Terminal Box.

Customer to install **2-4"** conduits encased in concrete from 2 feet within private property to Manhole **MH31770**, **L=60' +/-**.

Eversource to install **2-4"** conduits encased in concrete from Manhole **MH20747** to two feet within private property, **L=100' +/-**.

9-5", L=96' +/-, 6SP?

2-4", L=120' +/-, 1SP

**ENGINEERING DRAFT
NOT FOR
CONSTRUCTION**

#379 Somerville
Avenue

#59 Bow Street

Bow Street Place

New **MH31770**
(6'-6"x12'-6"x8")

P. Property

Sidewalk

MH23035
6.'x10'x8.2'

MH25443
11'x10'x10.6'

MH20747
6.2'x9.1'x8.2'

Bow Street

P39/8

From MH20651
4-5", L=363' +/-, 2SP?

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[Cable Sketch](#)

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Eversource to install a **3-100kVA, 120-208V** Transformer Bank in **MH31770**.
Eversource to terminate Primary and Secondary cables at the transformer.

Customer to install 2 sets of **4#500MCM CU**, Secondary cables from **MH31770** to **Special Terminal Box**, **L=45'+/-**.

Customer to terminate Secondary cables on the source and load side of **Special Terminal Box**.

#59 Bow Street

MH31770
3-100kVA(3Φ)
120/280V

Bow Street Place

Eversource to install 3-way Loadbreak junctions & **4/0AL, 20'+/-**.

Eversource to install 2 sets of **3-4/0AL, 15kV** rated cable from public way Manholes **MH25443** to **MH20747**, Tot L=**200'+/-**.

P. Property

Sidewalk

MH23035
6.'x10'x8.2'

P39/8

MH25443
11'x10'x10.6'

Bow Street

MH20747
6.2'x9.1'x8.2'

Eversource to install 2 sets of **3-4/0AL, 15kV** rated cable from **MH20747** to private property manhole **MH31770**, Tot L=**320'+/-**.



