



CITY OF SOMERVILLE
Commonwealth of Massachusetts
93 Highland Avenue
Somerville, MA 02143
(617) 625-6600

BUSINESS LICENSE APPLICATION - Grant of Location

File #: 19-014862

License #: BL21-000082

Address: 343 SOMERVILLE AVE

Licensee: Matthew Pricco Network Building + Consulting

DBA Name: ExteNet Systems, Inc.

Business Ownership Type: Corporation

Legal Name of Entity: ExteNet Systems, Inc.

Owners/Officers: James A. Hyde, H. Anthony Lehy, Daniel L. Timm,

License Information:

Grant of location issued to: ExteNet Systems, Inc.

Describe the reason for the work, and the intended beneficiaries: This work is necessary to provide an underground connection for a small wireless facility at 343 Somerville Ave. The facility will improve wireless communications services for residents, businesses, and visitors in the vicinity.

Insert here the same detailed description of the work as appears in the attached Grant of

Location Order: Somerville Ave: - Starting at existing Eversource MH #20656 placing (1) 3" PVC for Power Feed approximately 61' to the Proposed Handhole 2' SE of Proposed NE-MA-BSTN3N01-03317 Node Location. - Proposed 24x24x24 Handhole to service NE-MA-BSTN3N01-03317 Node Location. - Starting at Proposed Handhole placing (1) 3" PVC for Power Feed approximately 2' to the Proposed NE-MA-BSTN3N01-03317 Node Location.

Approval Conditions:

Approved By:

Karla Cuarezma, Approved

Malik Drayton, Approved with Conditions

APPROVAL CONDITION: MD20210621: Contractor shall take all necessary precautions to avoid damaging any tree or tree part with equipment.

APPROVAL CONDITION: MD20210621: All nearby street tree(s) shall be protected prior to and during all construction activities using TREE BOX or TREE WRAPS. . TREE BOX shall be constructed from 2 in. x 4 in. lumber creating a box around the border of the tree pit with 2 in. x 4 in. lumber standing straight up at the corners and wrapped with orange snow fence. Detail attached. . TREE WRAPS (TREE TRUNK WRAPPING PROTECTION LUMBER) shall consist of 2 in. x 4 in. and 8 ft. height lumber wired together in close spacing with zip ties or 16 gauge galvanized steel wire to form a protective enclosure around tree trunks. Use burlap to separate the wood from the bark if necessary to prevent wood from scraping or bruising bark. Do not use

staples or puncture the trunk in any way.

APPROVAL CONDITION: MD20210621: Any tree roots less than two (2) inches in diameter that cannot be avoided during construction shall be carefully and cleanly cut with a clean pair of pruning shears or loppers. Roots are to be cut back flush with the edge of the trench. If any tree roots greater than two (2) inches in diameter are encountered, stop work immediately and contact the City Urban Forester. Any and all pruning of roots greater than 2 inches in diameter must be completed under the supervision of the City Urban Forester.

Eric Weisman, Approved

John J. Long, Approved



CITY OF SOMERVILLE, MASSACHUSETTS
CITY CLERK'S OFFICE

JOSEPH A. CURTATONE
MAYOR

JOHN J. LONG
CITY CLERK

June 28, 2021

NOTICE OF PUBLIC HEARING

You are hereby notified that the Somerville City Council will hold a Public Hearing on the following Petition. You are receiving this Notice because the Petitioner has reported that you own property that abuts the work that is being proposed. You and other members of the public are invited to attend and be heard at this Hearing.

Because of Governor Baker's and Mayor Curtatone's recent orders limiting the number of people that may gather in one place, **this meeting of the City Council will be conducted via remote participation, online in a webinar hosted on the GoToWebinar platform.**

You have two ways to be heard at this meeting:

1. To attend and be heard, enter the link exactly as it appears below into your internet browser any time before the meeting. You will then be asked to register for the meeting. After registering, you will receive an email with instructions to join the webinar when it starts.
2. If you are unable to attend but wish to be heard, you may send written comments by US mail to the City Clerk at the address below, or by email to cityclerk@somervillema.gov. Your comments must arrive no later than 12 Noon on the day of the Hearing, in order to be sure they are conveyed to the Council.

PETITION: Extenet seeks a Grant of Location to install a total of 63 feet of conduit in Somerville Avenue as follows: Starting from Eversource Manhole 20656 to a proposed handhole, then continuing 2 feet to a small wireless facility node located near 343 Somerville Avenue.

PLACE: <https://attendee.gotowebinar.com/register/1881707914128204556>.

TIME: Thursday, July 8, 2021, at 7:00 PM.

PURPOSE: The work is necessary to provide service to a small wireless facility.



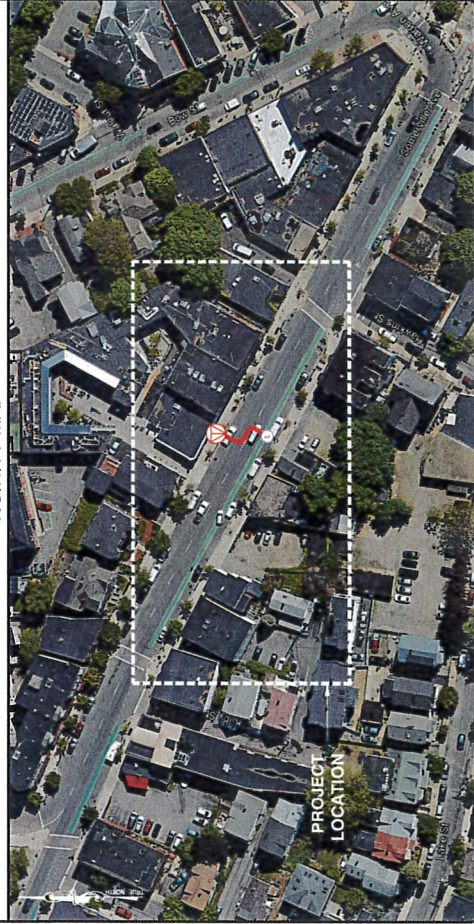
NE-MA-BSTN3N01-TMO-03317

HUB: 4BS0364A

PETITION PLANS

343 SOMERVILLE AVENUE, SOMERVILLE, MA 02215
CITY OF SOMERVILLE, MIDDLESEX COUNTY

VICINITY MAP



LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY
- EXISTING FENCE LINE
- EDGE OF PAVEMENT
- EXISTING GAS LINE
- EXISTING SEWER LINE
- EXISTING STORM DRAIN LINE
- EXISTING 0/4 UTILITY LINE
- EXISTING WATER SERVICE
- EXISTING TELEPHONE
- EXISTING ELECTRIC
- EXISTING CONDUIT
- PROPOSED TRENCH
- PROPOSED ELECTRIC
- PROPOSED UNDERGROUND FIBER
- HUB
- FIBER NODE
- SPUR ENCLOSURE
- SLACK LOOP
- PROPOSED POLE
- RISER
- POLE GROUNDING
- UTILITY POLE
- LIGHT POLE
- TRAFFIC POLE
- WATER VALVE
- GAS VALVE
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- UNKNOWN MANHOLE
- HANDHOLE
- STORM DRAIN
- ELECTRIC VAULT
- EXISTING STRUCTURE
- STORM DRAIN MANHOLE
- SANITARY SEWER MANHOLE
- HYDRANT
- EXISTING DOWN GUY WITH ANCHOR
- PROPOSED DOWN GUY WITH ANCHOR
- EXISTING DOWN GUY WITH ANCHOR
- EXISTING ANCHOR

PROJECT INFORMATION

SITE NAME: NE-MA-BSTN3N01-TMO-03317
NB-C ES PROJECT NUMBER: 100590
JURISDICTION: CITY OF BOSTON
SUPPLY COUNTY: RICK ANGELINI
LISLE, IL 60532
NOC: (866) 892-5327
HUB LOCATION: 4BS0364A
SOMERVILLE STREET
SOMERVILLE, MA 02215
EVERSOURCE
ELECTRIC COMPANY:

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AND STANDARDS. THIS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.

- 2015 INTERNATIONAL BUILDING CODE (MASSACHUSETTS AMENDED 9TH EDITION)
- 2017 NATIONAL ELECTRICAL CODE
- NFPA 1-2015 EDITION
- 2015 FC - REFERENCE 527 CMR
- AMERICAN CONCRETE INSTITUTE
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION
- MANUAL OF STEEL CONSTRUCTION 13TH EDITION
- ANSI/TIA-222-G
- TIA 607
- INSTITUTE FOR ELECTRICAL & ELECTRONICS ENGINEER 81
- IEEE C2 NATIONAL ELECTRIC SAFETY CODE LATEST EDITION
- TELECORDIA GR-125
- ANSI/T 311

DRAWING INDEX

- 01 TITLE SHEET
- 02 NOTES
- 03 UTILITY PLAN
- 04 DETAILS
- 05 FOUNDATION DETAILS & NOTES

PROJECT TEAM

ENGINEERING FIRM: NB-C ENGINEERING SERVICES, LLC.
100 APOLLO DRIVE, SUITE 303
CHAMBERLAIN, MA 01924
(978) 856-8308

DRAWING SCALE

THESE DRAWINGS ARE SCALED TO FULL SIZE AT 27'X34" AND PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE DESIGNER / CONTRACTOR OF ANY DISCREPANCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAME. CONTRACTOR SHALL USE REASONABLE CARE TO PREVENT STORM WATER POLLUTION DURING CONSTRUCTION.

COBUCS#

1592887872790



NE-MA-BSTN3N01-03317
343 SOMERVILLE AVENUE
SOMERVILLE, MA 02215
CITY OF SOMERVILLE
MIDDLESEX COUNTY

REVISIONS

REV	DATE	DESCRIPTION	BY
0	10/21/20	PRELIMINARY	JAS



KRUPAKARAN N. JANDAVELU, P.E.
MA PROFESSIONAL ENGINEER LIC. #93019

TITLE SHEET

SHEET
01 OF 05

[illegible]

25. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATE BRACING AND PROTECTING ALL EXISTING UTILITIES FROM DAMAGE DURING EXCAVATION AND SHORING. THE GENERAL ARRANGEMENTS OF SYSTEMS SHALL BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES LOCATIONS SHALL BE COVERED BY ACTUAL FIELD CONDITIONS AND/OR INSTRUCTIONS OF THE ENGINEER AND/OR OWNER REPRESENTATIVE.
 26. THE DRAWINGS ARE DIAGRAMATIC AND INDICATE THE GENERAL ARRANGEMENTS OF SYSTEMS LOCATIONS SHALL BE COVERED BY ACTUAL FIELD CONDITIONS AND/OR INSTRUCTIONS OF THE ENGINEER AND/OR OWNER REPRESENTATIVE.
 27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORE AND/OR RESTORATION OF ALL DAMAGE TO EXISTING UTILITIES. ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER UPON COMPLETION OF ALL WORK.
 28. ALL ANCHORS SHALL BE 6" LONG, DOUBLE EYED, 10" SCREW TYPE UNLESS OTHERWISE SPECIFIED ON PANELS.
 29. ALL ANCHOR SHALL BE DOUBLE-LASHED USING 0.45 STAINLESS LASHING WIRE.
 30. THE TOP OF ALL BURIED CONDUIT/CABLE WILL BE PLACED 48" BELOW GRADE UNLESS OTHERWISE SPECIFIED ON PANELS.
 31. MAXIMUM PULLING TENSION ON CABLES IS 800 LBS.
 32. THE CONTRACTOR MUST CONTACT ONE CALL FOR LOCATION OF EXISTING UTILITIES MINIMUM 72 HOURS PRIOR TO CONSTRUCTION.
 33. FOR OPTIMUM PROTECTION, CONNECTION TO EXISTING MULTI-GROUNDED NEUTRAL (MGN) SHALL BE MADE BY BONDING TO THE MGN. FOR BONDING PER NECO 98-2, CABLE GROUNDED SYSTEMS ARE TO BE BOND TO THE MGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES TO TOTAL NOT LESS THAN FOUR GROUNDS IN EACH MILE.
 34. PERMIT PLACARDS MUST BE ON SITE AND MADE AVAILABLE TO THE INSPECTOR UPON REQUEST, FAILURE TO COMPLY WILL RESULT IN THE PROJECT BEING SHUT DOWN, TAGGED, AND A DOUBLING OF THE UNIT FEE.
 35. THE CONTRACTOR SHALL SHOW EXISTING UTILITIES, BEST AVAILABLE INFORMATION FROM EXISTING DISCREPANCY, AND FIELD CONDITIONS. LOCATIONS SHOULD BE CONSIDERED APPROXIMATE, AND A FIELD INVESTIGATION MUST BE PERFORMED IN THE VICINITY OF ANY DISCREPANCY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES PRESENT AT THE SITE.
- MANHOLE NOTES:**
1. THE TOPS OF MANHOLE FRAMES AND COVERS SHALL BE INSTALLED FLUSH WITH GROUND, 1/2" PAVEMENT OR SIDEWALK.
 2. THE BRAN HOLE SHALL BE FILLED WITH AGGREGATE CONFORMING TO THE REQUIREMENTS OF BOD, GROUND NO. 67.
 3. CONDUIT ENTERING MANHOLES SHALL BE TERMINATED FLUSH WITH THE INSIDE WALL.
 4. CONDUITS SHALL BE ANCHORED IN AS NEARLY A STRAIGHT LINE AS POSSIBLE TO ALLOW FOR EASE OF PULLING CABLE.
 5. THE SPACE REMAINING BETWEEN THE CONDUIT AND THE STRUCTURE WALL SHALL BE FILLED OR PATCHED WITH CONCRETE OR ACCEPTABLE EQUAL. THIS THERE WILL BE NO LEAKAGE.
 6. MANHOLES SHALL BE SEATED ON FRENCH FILL MEETING THE REQUIREMENTS OF BOD 05 IN ORDER TO PREVENT SETTLEMENT.
 7. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 8" RADIUS FOR THE TOP OF THE MANHOLE COVER. THE COVER SHALL BE RATED TO THE REQUIREMENTS OF BOD 05.
 8. COVERS FOR MANHOLES AND MANHOLE SLABS BE COVERED ON THE OUTSIDE MARKING SHALL BE PLACED PARALLEL TO THE LONG SIDE OF THE COVER.
 9. EACH COVER SHALL HAVE TWO 0.875 INCH PICK HOLES TO ALLOW THE COVER TO BE REMOVED.
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION AND SHORING NECESSARY IN ORDER TO INSTALL THE MANHOLES AND HANDHOLE SHOW ON THE PLANS.
 11. THE CONTRACTOR SHALL ELECTRICALLY GROUND ALL METALLIC OBJECTS COMPRISING THE MANHOLE OR MANHOLE SLAB INCLUDING THE FRAME AND COVER, CABLE RACKS AND REINFORCING BARS.
 12. CABLE RACKS SHALL BE INSTALLED IN THE MANHOLE, AS DIRECTED BY THE ENGINEER.
 13. THE CONTRACTOR SHALL ADJUST THE MANHOLE TO GRADE USING A POURED CONCRETE COLLAR.
 14. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR TEMPORARY PATVENS AROUND THE MANHOLE AND HANDHOLE AND MAINTENANCE OF THE PATCH UNTIL THE PERMANENT STREET CURB REMAINS HAVE BEEN MADE.
 15. THE CONTRACTOR WILL SUBMIT CATALOG CUTS OF ALL PRECAST MANHOLES AND HANDHOLES TO BE INSTALLED. ALL STRUCTURES TO BE INSTALLED THE ROADWAY OR ADJACENT SIDEWALK TO BE PROTECTED BY A CONCRETE COLLAR.

1. THE TOPS OF MANHOLE FRAMES AND COVERS SHALL BE INSTALLED FLUSH WITH GROUND, PAVEMENT OR SIDEWALK.

1. THE TOP OF MANHOLE FRAMES AND COVERS SHALL BE INSTALLED FLUSH WITH GROUND, OR PAVEMENT OF SIDEWALK.
2. THE DRAIN HOLE SHALL BE FILLED WITH AGGREGATE CONFORMING TO THE REQUIREMENTS OF 805, GRADE NO. 87.
3. CONDUIT ENTERING MANHOLES SHALL BE TERMINATED FLUSH WITH THE INSIDE WALL.
4. CONDUITS SHALL BE ALIGNED IN AS NEARLY A STRAIGHT LINE AS POSSIBLE TO ALLOW FOR EASE OF PULLING CABLE.
5. THE SPACE REMAINING BETWEEN THE CONDUIT AND THE STRUCTURE WALL SHALL BE FILLED OR PATCHED WITH CONCRETE OR ACCEPTABLE EQUAL SO THERE WILL BE NO LEAKAGE.
6. MANHOLES SHALL BE SEATED ON TRENCH FILL MEETING THE REQUIREMENTS OF 804.05 IN ORDER TO PREVENT SETTLEMENT.
7. THE FRAME AND COVER SHALL BE PAINTED BEFORE INSTALLATION WITH 1 FIELD COAT OF PRIMER MEETING THE REQUIREMENTS OF 811.03.
8. ALL MANHOLES SHALL BE MARKED WITH A 6" X 6" X 1/2" SIGN ON THE OUTSIDE MARKING SHALL BE PLACED PARALLEL TO THE LONG SIDE OF THE COVER.
9. EACH COVER SHALL HAVE TWO 0.875" INCH PICK HOLES TO ALLOW THE COVER TO BE REMOVED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION AND SHORING NECESSARY IN ORDER TO INSTALL THE MANHOLES AND HANDLE SHOW ON THE PLANS.
11. THE CONTRACTOR SHALL ELECTRICALLY GROUND ALL METALLIC COMPONENTS COMPRISING THE MANHOLE OR HANDLE INCLUDING THE FRAME AND COVER, CABLE RACKS AND REINFORCING STEEL AS APPROPRIATE.
12. CABLE RACKS SHALL BE INSTALLED IN THE MANHOLE, AS DIRECTED BY THE ENGINEER.
13. THE CONTRACTOR SHALL ADJUST THE MANHOLE TO GRADE USING A POURED CONCRETE COLLAR.
14. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR TEMPORARY FENCING AROUND THE MANHOLE AND MANHOLE AND MAINTENANCE OF THE PATCH UNTIL THE PERMANENT STREET CURB REPAIRS HAVE BEEN MADE.
15. THE CONTRACTOR WILL SUBMIT CATALOG CUTS OF ALL PRECAST MANHOLES AND HANDLES. THE CONTRACTOR SHALL PROVIDE THE MANHOLE AND HANDLE TO BE INSTALLED TO THE ROADWAY SURFACE. ALL MANHOLES AND HANDLES SHALL BE INSTALLED TO THE ROADWAY SURFACE.

**Know what's below.
Call before you dig.**

COBUCS#
1592887872790

NBC+U
TOTALLY COMMITTED.
NBC ENGINEERING SERVICES, LLC.
100 APOLLO DRIVE, SUITE 303
CHESAPEAKE, VA 23060
(757) 656-6338

extenet
YOUR NETWORK EVERYWHERE
3030 WASHINGTON BLVD., SUITE 300
LITTLE ROCK, AR 72616
(501) 655-3500

Mobile

NE-MA-BSTN3NO1-03317
343 SOMERVILLE AVENUE
SOMERVILLE, MA 02215
CITY OF SOMERVILLE
MIDDLESEX COUNTY

REV	DATE	DESCRIPTION	BY
0	12/2/00	PRELIMINARY	JAS

REVISIONS

DESIGN RECORD

PROFESSIONAL STAMP
SEAL OF THE BOARD OF PROFESSIONAL ENGINEERS
COMMONWEALTH OF MASSACHUSETTS
REGISTERED PROFESSIONAL ENGINEER
NO. 50019

ENGINEER
KULIPAKARAN KOJANDANVELL P.E.
MA PROFESSIONAL ENGINEER LIC #50019

SHEET TITLE
UTILITY PLAN

SHEET NUMBER
03 OF 05

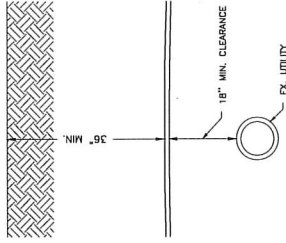
GRAPHIC SCALE
1 INCH = 40 FEET (12.20M)
1 INCH = 20 FEET (6.10M)

BOSTON WATER AND SEWER COMMISSION
LOCATION APPROVED UNDER THE FOLLOWING CONDITIONS:
No masonry, concrete, duct or pipe shall be placed nearer than one foot of water or sewer pipe.
No structure shall be laid on the same grade as a water or sewer pipe thereby blanketing the water and sewer pipes and preventing service pipes being installed.
No structure shall be laid over a water or sewer pipe and running parallel with said water or sewer pipe, thereby preventing access to it from surface of the street.
The bending of any water and sewer pipe is absolutely forbidden.
No interference with any water and sewer structure shall occur.

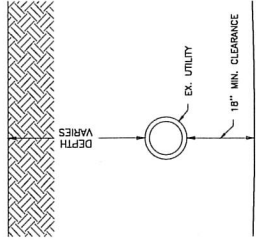
NOTE:
EXISTING UTILITY INFORMATION SHOWN REPRESENTS THE BEST DATA AVAILABLE FROM EXISTING DOCUMENTATION AND FIELD EVIDENCE. ALLOWANCES SHOULD BE MADE IN THE VICINITY OF ANY CONSTRUCTION ACTIVITIES. NOTE THAT THESE PLANS MAY NOT SHOW ALL UTILITIES THAT ARE PRESENT AT THE SITE.

JOHN P. SULLIVAN, JR., P.E.
Chief Engineer

COBUCS# 1592887/872790	COBUCS INFORMATION								
 TOTALLY COMMITTED. NB-C ENGINEERING SERVICES, LLC. 1000 WASHINGTON STREET, SUITE 300 CHELSEA, MA 02156 (617) 554-8308	ENGINEERING FIRM								
 YOUR NETWORK EVERYWHERE SYSTEMS 3030 WARENDVILLE ROAD, SUITE 340 LITTLE ROCK, AR 72205 (501) 555-3995 	APPLICANT								
NE-MA-BSTN3N01-03317 343 SOMERVILLE AVENUE SOMERVILLE, MA 02215 CITY OF SOMERVILLE MIDDLESEX COUNTY	SITE INFORMATION								
REVISIONS <table border="1"><thead><tr><th>REV</th><th>DATE</th><th>DESCRIPTION</th><th>BY</th></tr></thead><tbody><tr><td>0</td><td>10/21/09</td><td>PRELIMINARY</td><td>JAS</td></tr></tbody></table>	REV	DATE	DESCRIPTION	BY	0	10/21/09	PRELIMINARY	JAS	DESIGN RECORD
REV	DATE	DESCRIPTION	BY						
0	10/21/09	PRELIMINARY	JAS						
	PROFESSIONAL STAMP								
KRUPAKARAN KOJANDAVELU, P.E. MA PROFESSIONAL ENGINEER LIC. #56019	ENGINEER								
SHEET TITLE	DETAILS								
SHEET NUMBER	SHEET 04 OF 05								

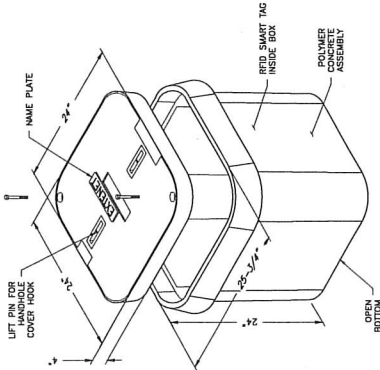


3 TYPICAL UTILITY CROSSING ABOVE
04 NOT TO SCALE



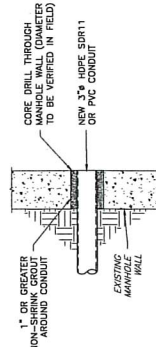
2 TYPICAL UTILITY CROSSING BELOW
04 NOT TO SCALE

- NOTES:**
1. THE MANHOLE SHALL BE SET WITH THE TOP COVER LEVELLED AND MATCHING THE EXISTING SURFACE.
 2. THE FLOOR OF THE PIT SHALL BE COVERED WITH 10\"/>

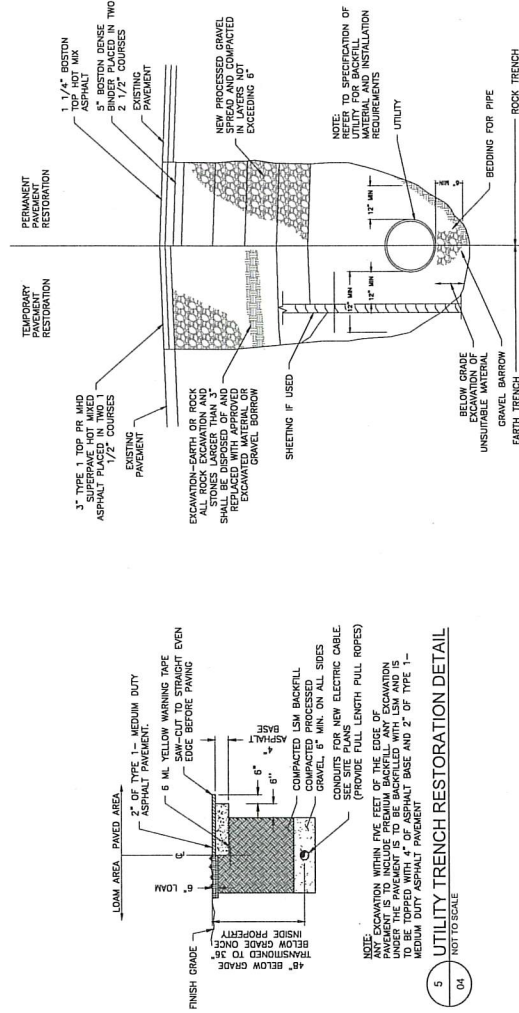


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24\"/>

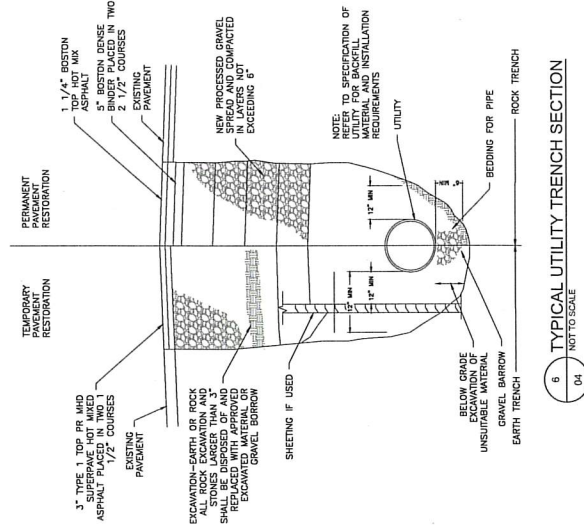
1 TYPICAL TYPE-A VAULT DETAILS
04 NOT TO SCALE



4 MANHOLE CONDUIT PENETRATION
04 NOT TO SCALE



5 UTILITY TRENCH RESTORATION DETAIL
04 NOT TO SCALE



6 TYPICAL UTILITY TRENCH SECTION
04 NOT TO SCALE

Location:

74/ B/ 13/ /
346 SOMERVILLE AVE

Owner:

PALMAC REALTY CORP
C/O JMC/STM UNION SQUARE LLC
100 GRANDVIEW ROAD, SUITE 207
BRAINTREE, MA 02184

Location:

74/ B/ 14/ /
338 SOMERVILLE AVE

Owner:

LOH WO-KWUN SALLY
338 SOMERVILLE AVE
SOMERVILLE, MA 02143

Location:

74/ C/ 24/ /
343 SOMERVILLE AVE

Owner:

AMARAL ANTONIO DA COSTA & ANN
8 BURLINGTON ST
BURLINGTON, MA 01803