



## CITY OF SOMERVILLE

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

### BUSINESS LICENSE APPLICATION - Grant of Location

File #: 21-002411

License #: BL21-000027

Address: 449 CANAL ST

Licensee: Hayleigh Walker Siena Engineering Group Inc.

DBA Name: TC Systems Inc

Business Ownership Type: Corporation

Legal Name of Entity: TC Systems, Inc.

Owners/Officers: , , ,

#### License Information:

**Grant of location issued to:** TC Systems, Inc

**Describe the reason for the work, and the intended beneficiaries:** This work is to provide service to customers in the area

**Insert here the same detailed description of the work as appears in the attached Grant of Location Order:** Installation will take place between existing Frit manhole located on Foley St and continue to a point where it reaches the proposed Extenet handhole on Great River Rd; a distance of approx. 480 ft

Approval Conditions:

**Approved By:**

**Karla Cuarezma, Approved**

**Malik Drayton, Approved with Conditions**

APPROVAL CONDITION: MD20210225: Contractor shall take all necessary precautions to avoid damaging any tree or tree part with equipment.

APPROVAL CONDITION: MD20210225: 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: MD20210225: 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.

**Mark Lawhorne, Approved**

**John J. Long, Approved**



CITY OF SOMERVILLE, MASSACHUSETTS  
CITY CLERK'S OFFICE  
JOSEPH A. CURTATONE  
MAYOR

JOHN J. LONG  
CITY CLERK

March 3, 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](mailto: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:** TC Systems Inc seeks a Grant of Location to install 480 feet of conduit in Great River Road from the FRIT manhole, located in Foley Street, to a proposed handhole at the rear of 449 Canal Street.

**PLACE:** <https://attendee.gotowebinar.com/register/8574449483556572175>.

**TIME:** Thursday, March 11, 2021, at 7:00 PM.

**PURPOSE:** The work is necessary to provide or improve service to the surrounding area.

**TC SYSTEMS, INC**  
An Affiliate of  **AT&T**



LOCUS MAP  
NOT TO SCALE

# PROPOSED CONDUIT PLACEMENT GREAT RIVER ROAD AT FOLEY STREET SOMERVILLE, MASSACHUSETTS

CONDUIT CONSTRUCTION PLANS  
MIDDLESEX COUNTY  
FEBRUARY 26, 2021  
PERMIT ISSUE





Brian C.  
Dorwart  
Professional Engineer  
No. 32116  
Date: 2021.02.26 11:46:21  
05'30"

**SIENA**  
ENGINEERING GROUP INC.  
50 Mall Road, Suite 203, Burlington, MA 01803  
p. 781.221.8400 f. 781.221.7117

**PRELIMINARY**  
NOT FOR CONSTRUCTION

# LIST OF DRAWINGS

PT001	COVER
PT002	LIST OF DRAWINGS LEGEND & REFERENCES
DN001 TO DN002	PROPOSED CONDUIT PLACEMENT PLANS
DT001	MICROTRENCH, HANDHOLE, AND SURFACE RESTORATION DETAILS

<p><b>ISSUE DATE:</b> 1/28/2021</p> <p><b>ISSUE NO.:</b> 1</p> <p><b>ISSUE TYPE:</b> PRELIMINARY</p> <p><b>ISSUE BY:</b> JCS</p>	<p style="text-align: center;"><b>PRELIMINARY</b> NOT FOR CONSTRUCTION</p> <p><b>NOTES:</b></p>	 <p style="text-align: center;"><b>Call before you dig.</b></p>	<p><b>AT&amp;T PROPRIETARY</b> (Internal Use Only)</p> <p>Not for disclosure outside the AT&amp;T companies, except under written agreement.</p> <p>© 2021 AT&amp;T Intellectual Property. All Rights Reserved.</p> <p><b>AT&amp;T PROPRIETARY:</b> This information contains confidential trade secrets and proprietary information of AT&amp;T Intellectual Property and is shared for Critical Infrastructure Protection purposes only. It is not to be disclosed, distributed, or otherwise made available to any third party without the prior written permission of AT&amp;T Intellectual Property. This information is provided under the Freedom of Information Act (U.S.C. 552), Exemption (b)(3)(A)(4), and its successors under the Trade Secrets Act.</p> <p>(19 U.S.C. 1905), the Critical Infrastructure Protection Act (50 U.S.C. 3605), and any State or local law requiring disclosure of information or records. This information is not to be disclosed, distributed, or otherwise made available to any third party without the prior written permission of AT&amp;T Intellectual Property. This information is provided under the Freedom of Information Act (U.S.C. 552), Exemption (b)(3)(A)(4), and its successors under the Trade Secrets Act.</p>	<p><b>APPROVED FOR:</b> _____ <b>DATE:</b> _____</p> <p><b>SUBMITTANT:</b> _____ <b>OWNER:</b> _____</p> <p style="text-align: center;"><b>TC SYSTEMS, INC</b> An Affiliate of <b>AT&amp;T</b></p>  <p><b>SIENA</b> ENGINEERING GROUP, INC.</p> <p><b>PROJECT NAME:</b> _____</p> <p><b>PROJECT NUMBER:</b> _____</p> <p><b>SPECIFICATION:</b> _____</p> <p><b>OWNERSHIP:</b> _____</p> <p><b>LINE CODE:</b> _____</p> <p><b>CABLE CLL:</b> _____</p> <p><b>SCALE:</b> _____</p> <p style="text-align: center;">GREAT RIVER ROAD AT FOLEY STREET SOMERVILLE, MA</p> <p style="text-align: center;">LIST OF DRAWINGS</p> <p style="text-align: right;">PT001</p>
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**PRELIMINARY**  
NOT FOR CONSTRUCTION

NOTES:



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PREPARED FOR RECORD  
APPROVED FOR: ENGINEER DATE  
OUTSIDE PLANT

**TC SYSTEMS, INC**  
An Affiliate of **AT&T**



**SIENA**  
PROPRIETARY  
SPECIFICATION

PROJECT NUMBER  
OWNERSHIP:  
LINE CODE  
CABLE GLLI  
SCALE:

GREAT RIVER ROAD  
AT FOLEY STREET  
SOMERVILLE, MA

LEGEND & REFERENCES

PT002

**PLANIMETRIC SYMBOL LEGEND**

UP ○	UTILITY POLE	DECIDUOUS TREE
HYD ○	2-NOZZLE FIRE HYDRANT	STREET LIGHT
SMH ○	SEWER MANHOLE	IRRIGATION HANDHOLE
DMH ○	DRAIN MANHOLE	ELECTRIC HANDHOLE
CB □	CATCH BASIN	MASS HIGHWAY HANDHOLE
TMH ○	TELEPHONE MANHOLE	STREET LIGHT HANDHOLE
VZ MH ○	VERIZON MANHOLE	PARKING METER
⊙	STONE BOUND W/ DRILL HOLE	FIRE ALARM
⊥	SIGN	ELECTRIC OUTLET
SWTB □	STORMWATER TREATMENT BASIN	EXTENET HANDHOLE
TSCC □	TRAFFIC SIGNAL CONTROL CABINET	PROPOSED CONCRETE HANDHOLE

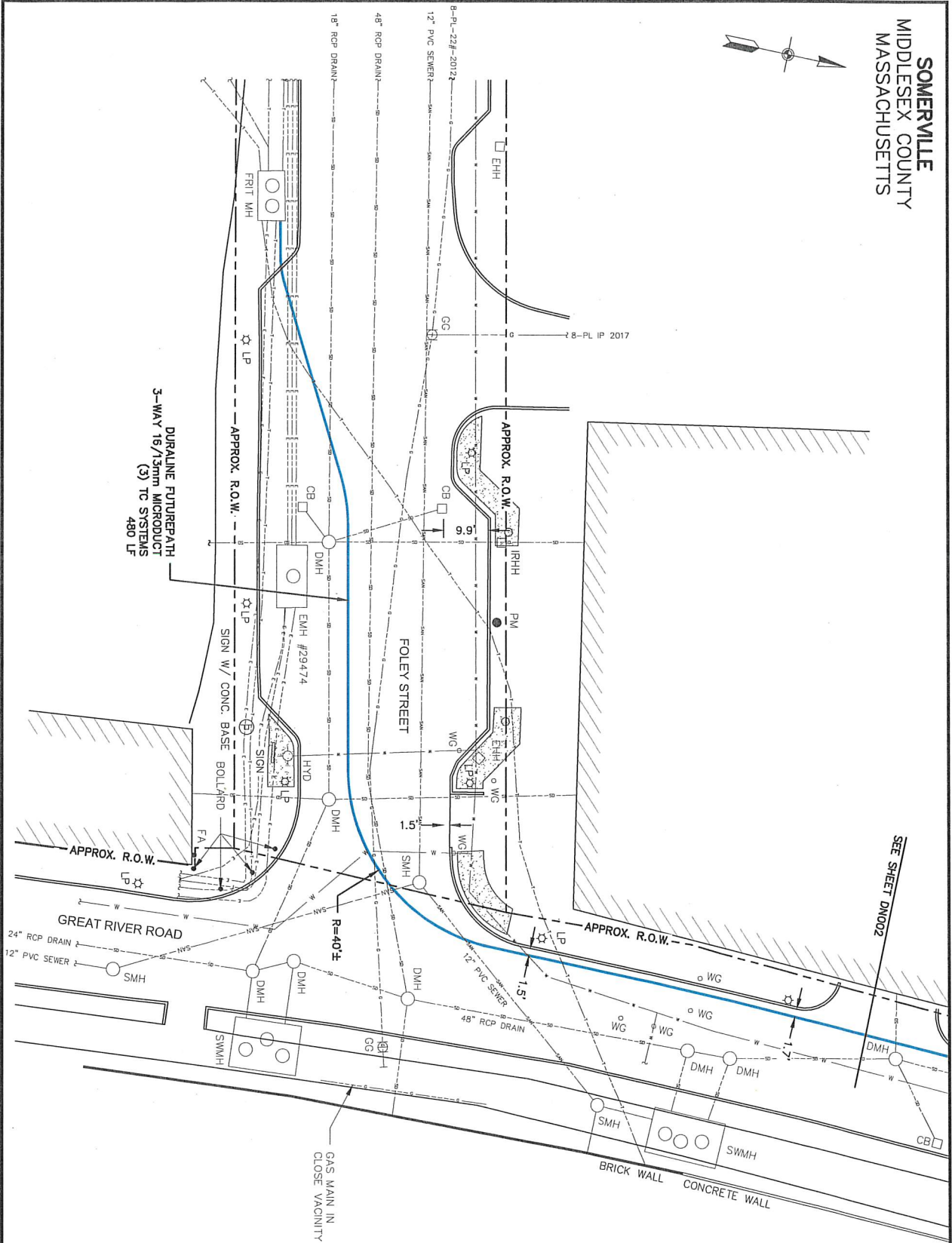
**LINETYPE LEGEND**

— OHW —	OVERHEAD WIRES
— E —	BURIED ELECTRIC LINE
— T —	BURIED TELEPHONE LINE
— TV —	BURIED CABLE TV LINE
— SAN —	SANITARY SEWER LINE
— SD —	STORM DRAIN LINE
— W —	WATER LINE
— G —	GAS LINE
— —	PROPERTY LINE
— — —	RIGHT-OF-WAY LINE
— — —	PROPOSED BURIED CONDUIT

**REFERENCES & NOTES**

1. ELECTRIC UTILITY INFORMATION PER RECORD PLANS PROVIDED BY EVERSOURCE.
2. TELECOM UTILITY INFORMATION PER RECORD PLANS PROVIDED BY VERIZON, AT&T, COMCAST & LIGHTTOWER.
3. GAS UTILITY INFORMATION PER RECORD PLANS PROVIDED BY EVERSOURCE.
4. WATER, SEWER & DRAIN UTILITY INFORMATION PER RECORD PLANS PROVIDED BY CITY OF SOMERVILLE.

**SOMERVILLE**  
**MIDDLESEX COUNTY**  
**MASSACHUSETTS**



SEE SHEET DN002

ISSUE DATE: \_\_\_\_\_ INITIALS: \_\_\_\_\_  
 1. PREPARED BY: \_\_\_\_\_  
 2. CHECKED BY: \_\_\_\_\_  
 3. APPROVED BY: \_\_\_\_\_  
 4. DATE: \_\_\_\_\_

**PRELIMINARY**  
**NOT FOR CONSTRUCTION**

NOTES:  
 1. ALL UTILITIES SHOWN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS AND APPROPRIATE TESTS TO VERIFY THE LOCATION AND DEPTH OF UTILITIES. THE ENGINEER HAS NOT CONDUCTED ANY TESTS TO VERIFY THE LOCATION AND DEPTH OF UTILITIES. THE ENGINEER HAS NOT CONDUCTED ANY TESTS TO VERIFY THE LOCATION AND DEPTH OF UTILITIES.

**811**  
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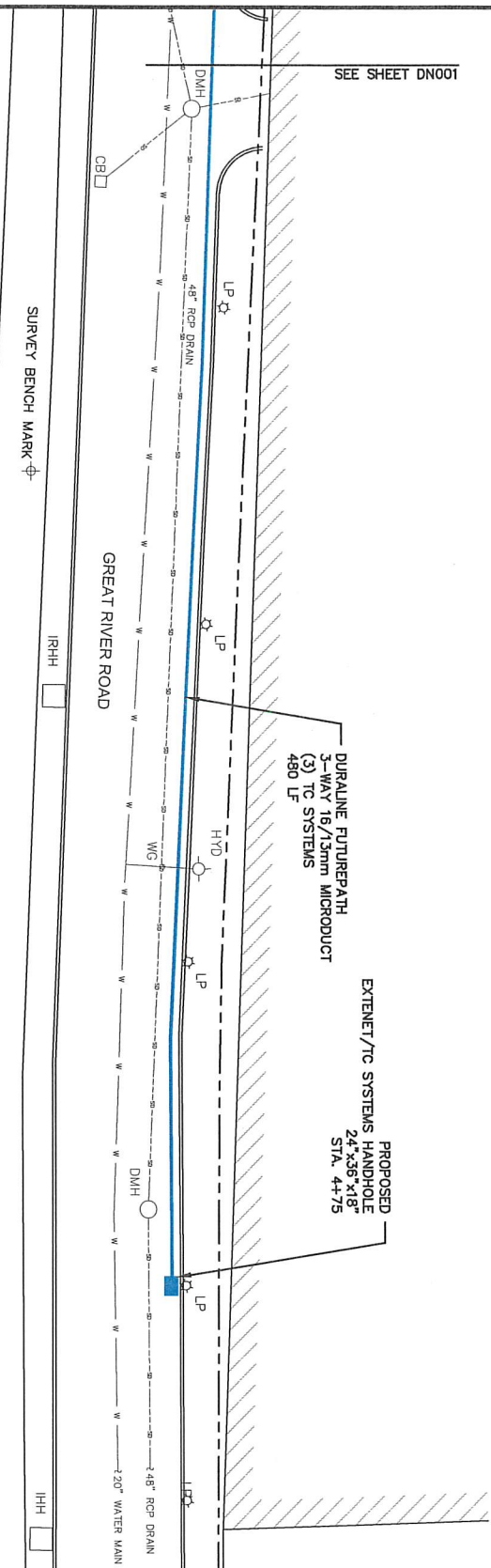
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**TC SYSTEMS, INC**  
 An Affiliate of **AT&T**

**SIENA**  
 SIENA ENGINEERING GROUP, INC.  
 18-14300 Node 12 Foley Street at Great River Rd W5.dwg  
 Edited: February 23, 2021 - 2:45 PM  
 Plotted: February 26, 2021 - 11:01 AM by Joseph connor -  
 \_Sienna.ctb

SCALE: 1" = 20'
GREAT RIVER ROAD
AT FOLEY STREET
SOMERVILLE, MA
PROPOSED CONDUIT
PLACEMENT PLAN
DN001

**SOMERVILLE**  
**MIDDLESEX COUNTY**  
**MASSACHUSETTS**



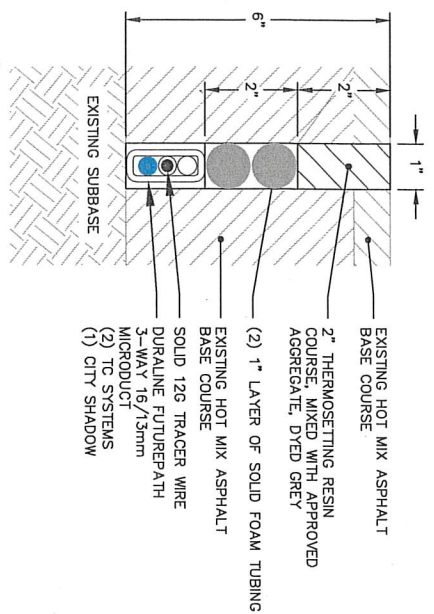
PROPOSED  
 EXTENET/TC SYSTEMS HANDHOLE  
 24"x36"x18"  
 STA. 4+75

DURALINE FUTUREPATH  
 3-WAY 16/13mm MICRODUCT  
 480 LF

SIENA ENGINEERING GROUP, INC.  
 18-14300 Node 12 Foley Street at Great River Rd WS.dwg  
 Edited: February 23, 2021 - 2:45 PM  
 Plotted: February 26, 2021 - 11:01 AM by Joseph connor -  
 -Sienna.ctb

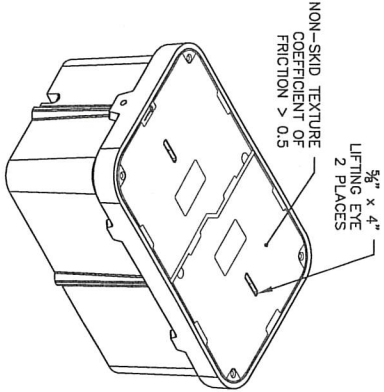
ISSUE DATE: 1 FEBRUARY 26, 2021	PROJECT CODE: DNO02	INITIALS:
<b>PRELIMINARY</b>		
<b>NOT FOR CONSTRUCTION</b>		
<p>NOTES:</p> <p>1. CONSULT THE CITY OF SOMERVILLE, MASSACHUSETTS, FOR ALL NECESSARY PERMITS AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND REGULATIONS.</p>		
<p><b>811</b></p> <p>Call before you dig.</p> <p>AT&amp;T PROPRIETARY          (Internal Use Only)</p> <p>Not for disclosure outside the AT&amp;T companies, except under written agreement.</p> <p>© 2021 AT&amp;T Intellectual Property. All rights reserved.</p> <p>AT&amp;T and the AT&amp;T logo are trademarks of AT&amp;T Knowledge Ventures, L.P. All other marks contained herein are trademarks of their respective owners.</p> <p>2021 AT&amp;T Intellectual Property. All rights reserved.</p> <p>1911 U.S.C. Title 37, Section 1131, and 1911 U.S.C. Title 37, Section 1133, prohibit the reproduction, distribution, or disclosure of this information without the express written permission of AT&amp;T Knowledge Ventures, L.P. This consent is given on the condition that the recipient of this information will not be held liable for any damages, including consequential damages, arising from the use or disclosure of this information, except as may be provided in writing by AT&amp;T Knowledge Ventures, L.P.</p> <p>PREPARED FOR RECORD</p> <p>DESIGNED BY: [ ] ENGINEER: [ ] DATE: [ ]</p> <p>CHECKED BY: [ ]</p> <p>APPROVED BY: [ ]</p> <p>PROJECT NO.: [ ]</p> <p>DATE: [ ]</p> <p>SCALE: 1" = 20'</p> <p>GREAT RIVER ROAD          AT FOLEY STREET          SOMERVILLE, MA</p> <p>PROPOSED CONDUIT          PLACEMENT PLAN</p> <p>DNO02</p>		





- EXISTING HOT MIX ASPHALT BASE COURSE
- 2" THERMOSETTING RESIN COURSE, MIXED WITH APPROVED AGGREGATE, DYED GREY
- (2) 1" LAYER OF SOLID FOAM TUBING
- EXISTING HOT MIX ASPHALT BASE COURSE
- SOLID 126 TRACER WIRE
- DURALINE FUTURERPATH 3-WAY 16/15mm MICRODUCT
- (2) TC SYSTEMS
- (1) CITY SHADOW

PROPOSED MICROTRENCH DETAIL  
 NOT TO SCALE

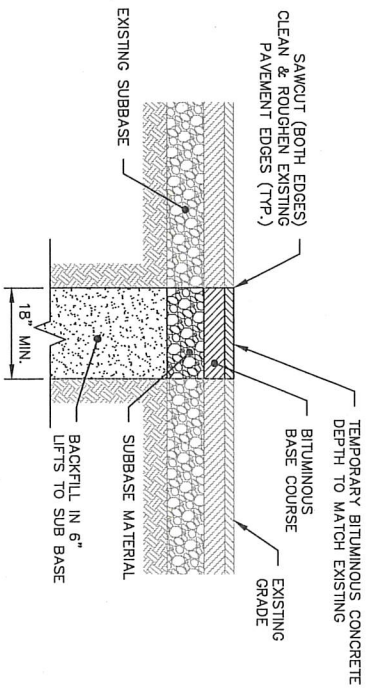


TYPICAL HANDHOLE DETAIL - 24"x36"x18"  
 NOT TO SCALE

- NOTES:
1. HANDHOLES INSTALLED IN ACCORDANCE WITH THE LATEST REVISION OF TC SYSTEMS (TOB) STANDARD SPECIFICATIONS AND REMOVAL.
  2. HANDHOLE SECTIONS PROPERLY ALIGNED AND FREE OF DIRT AND STONES WHEN JOINED.
  3. HANDHOLE RACKING CONFORMS WITH TC SYSTEMS (TOB) SPECIFICATIONS.
  4. PER AT&T SPECIFICATIONS.
  5. HANDHOLE MATERIAL IS POLYMER CONCRETE.
  6. HANDHOLE MANUFACTURED BY OLDCASTLE ENCLOSURE SOLUTIONS, 901 S. PINE ST., MADERA, CA 95367  
 1-800-486-7070. UNIT, PC2436-18.

TRENCH & RESTORATION NOTES:

1. SUBBASE & TRENCH BACKFILL SHALL CONFORM TO CITY OF SOMERVILLE SPECIFICATIONS FOR MATERIAL, PLACEMENT, & COMPACTION
2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL POthOLE EXISTING UTILITIES MAINTAIN 12" CLEARANCE TO FROM BOTTOM OF MICRODUCT.
3. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL INSPECT THE PROPOSED MICROTRENCH RUNNING LINE FOR INDICATIONS OF EXISTING MICROTRENCH INSTALLATIONS. IF A MICROTRENCH IS FOUND, THE PROPOSED CROSSING SHALL BE DONE BY OPEN CUT EXCAVATION TO PREVENT DAMAGE TO EITHER MICROTRENCH INSTALLATION. ONCE COMPLETED, REPAIR THE PAVEMENT SECTION IN ACCORDANCE WITH TEMPORARY BITUMINOUS CONCRETE ROADWAY RESTORATION OR CONCRETE SIDEWALK RESTORATION DETAIL.
4. CONTRACTOR SHALL USE STIRLING LLOYD POLYURETHAN, SAFETRACK MT INLAID ROAD REPAIR SYSTEM, A BITUMEN-FREE, COLD LIQUID-APPLIED, FAST CURING, HIGH MODULUS, THERMOSETTING RESIN INLAID CRACK SYSTEM TO SEAL CRACKS IN NON-POROUS BITUMINOUS AND ROADWAY SURFACE, OR ENGINEER APPROVED EQUAL.
5. 1/8" (3mm) THERMOSETTING RESIN, DYED GREY, SHALL BE MIXED WITH APPROVED AGGREGATE (GRANITE, BASALT, OR CALCINATED BAUXITE) FOR RESTORATION TOP COURSE
6. 3/8" (10mm) THERMOSETTING RESIN, DYED GREY, SHALL BE PLACED AS MIDDLE COURSE.
7. 1-1/2" OF FOAM BOARD SHALL BE PLACED AS BASE COURSE OVER LITEACCESS MICRODUCT.
8. PRIOR TO INSTALLATION OF MICRODUCT, CONTRACTOR SHALL REMOVE DEBRIS AND EXCESS WATER USING HIGH PRESSURE AIR.
9. IF BOTTOM OF MICROTRENCH IS ROUGH, CONTRACTOR SHALL FILL WITH SAND EQUAL TO ONE (1) INCH DEPTH AND THEN COMPACT IT TO A FLAT BED.
10. IF CONDUIT PATH REQUIRES A 90 DEGREE BEND, CONTRACTOR SHALL PLAN ACCORDINGLY AND CUT A 45 DEGREE INTERSECTING CUT TO RELIEVE PRESSURE ON MICRODUCT, AND BE CAREFUL TO AVOID CREATING BIND POINTS DURING DUCT INSTALLATION.



TEMPORARY BITUMINOUS CONCRETE ROADWAY RESTORATION DETAIL  
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**FOLEY ST AT GREAT RIVER RD - IMMEDIATE  
SOMERVILLE, MA**

Map	Blk	Blot	Lot	Use	Alt	Area	Stree	Location	Grantee	Co Grantee's Name	Mailing Address	City	St Zip	Use
85	A		5	5A	0		FOLEY ST	COMM OF MASS	C/O DIVISION OF CAPITAL A ONE ASHBURTON PL	15TH FLR	BOSTON	MA 02108	920V COMM OF MA	
85	A		11	RES	445		ARTISAN WAY	STREET RETAIL INC	C/O TAX DEPT WALDORF CO	4040 WILSON BLVD, STE 1000	ARLINGTON	VA 22203	112C APT OVER 8	
85	A		11	RETA	445		ARTISAN WAY	STREET RETAIL INC	C/O FEDERAL REALTY INVEST	909 ROSE AVE, SUITE 200	NORTH BETHESDA	MD 20852	3270 RETAIL CND	
85	A		13		449		CANAL ST	STREET RETAIL INC	C/O FEDERAL REALTY INVEST	909 ROSE AVE, SUITE 200	NORTH BETHESDA	MD 20852	0112 APT OVER 8	
85	A		19		0		GREAT RIVER RD	MBTA	10 PARK PLAZA		BOSTON	MA 02116	972V MBTA VACAN	
98	A		4		0		MYSTIC AVE	MBTA	C/O MARK DOYLE R E DIRECT	10 PARK PLAZA	BOSTON	MA 02116	972V MBTA VACAN	
99	A		14		301		ASSEMBLY ROW	SRI ASSEMBLY ROW B8 LLC	C/O FEDERAL REALTY INVEST	909 ROSE AVE, SUITE 200	NORTH BETHESDA	MD 20852	0112 APT OVER 8	
99	A		17	85-A-14	0		ASSEMBLY ROW	CITY OF SOMERVILLE	93 HIGHLAND AVE		SOMERVILLE	MA 02143	9300 CITY VACAN	