



CITY OF SOMERVILLE

Commonwealth of Massachusetts

93 Highland Avenue

Somerville, MA 02143

(617) 625-6600

BUSINESS LICENSE APPLICATION - Grant of Location

File #: 20-012501

License #: BL20-000112

Address: 20 INNER BELT RD

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: The installation shall begin at the existing Metro Media manhole located on New Washington Street and extend to where it reaches the proposed Extenet handhole to be placed in the sidewalk on Inner Belt Road; a total distance of approx. 587 ft. This installation will also include the placement of one intermediate concrete manhole and one intermediate concrete handhole. From the proposed concrete manhole, the Contractor will also install a shorter section of conduit to a point where it reaches the existing Cable TV manhole on Inner Belt Road; a total distance of approx. 15 ft.

Approval Conditions:

Approved By:

Karla Cuarezma, Approved

Malik Drayton, Approved with Conditions

APPROVAL CONDITION: MD20200818: Contractor shall take all necessary precautions to avoid damaging any tree or tree part with equipment.

APPROVAL CONDITION: MD20200818: 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: MD20200818: 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

August 19, 2020

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 anytime 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: TC Systems Inc is applying for a Grant of Location to install a total of 602 feet of conduit as follows: Starting from existing manhole located at the corner of New Washington Street and Inner Belt Road to a proposed manhole. The proposed manhole will extend 15 feet of conduit to an existing manhole and 95 feet to a proposed handhole. From the proposed handhole, 2 feet to a proposed Extenet handhole.

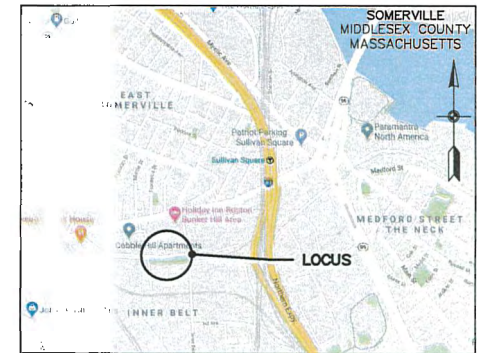
PLACE: <https://attendee.gotowebinar.com/register/2561339134055785741>

TIME: Thursday, August 27, 2020 at 7:00 PM.

PURPOSE: The work is necessary to provide service to surrounding area.

TC SYSTEMS, INC

An Affiliate of  AT&T



LOCUS MAP
NOT TO SCALE

PROPOSED CONDUIT PLACEMENT INNERBELT ROAD AT WASHINGTON STREET SOMERVILLE, MASSACHUSETTS

CONDUIT CONSTRUCTION PLANS
MIDDLESEX COUNTY
AUGUST 5, 2020
PERMIT ISSUE

PRELIMINARY
NOT FOR CONSTRUCTION

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

LIST OF DRAWINGS

	COVER
PT001	LIST OF DRAWINGS
PT002	LEGEND & REFERENCES
DN001 TO DN003	PROPOSED CONDUIT PLACEMENT PLANS
DT001	TYPICAL TRENCH DETAILS
DT002	TYPICAL SURFACE RESTORATION DETAILS
DT003	TYPICAL HANDHOLE & MANHOLE DETAILS

ISSUE DATE: 1. AUGUST 5, 2020 PERMIT ISSUE INITIALS: JCC

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NOTES:
1. SUBSURFACE UTILITY LINES AS SHOWN HEREON, WERE COMPILED ACCORDING TO AVAILABLE RECORD INFORMATION FROM THE REFERENCED COMPANIES AND PUBLIC AGENCIES. THIS INFORMATION IS APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD. SIENA ENGINEERING GROUP ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.



Call before you dig.

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PREPARED FOR RECORD

APPROVED FOR OUTSIDE PLANT ENGINEER DATE

TC SYSTEMS, INC.
An Affiliate of AT&T



PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS

SPECIFICATION
PROJECT NUMBER

OWNERSHIP:
LINE CODE:
CABLE CLU:























SCALE:

INNER BELT ROAD AT
WASHINGTON STREET
SOMERVILLE, MA

LIST OF DRAWINGS

PT001

PLANIMETRIC SYMBOL LEGEND

UP -○-	UTILITY POLE		DECIDUOUS TREE
HYD 	2-NOZZLE FIRE HYDRANT		STREET LIGHT
	WATER GATE	IRHH 	IRRIGATION HANDHOLE
SMH 	SEWER MANHOLE	EHH 	ELECTRIC HANDHOLE
DMH 	DRAIN MANHOLE	MAHH 	MASS HIGHWAY HANDHOLE
CB 	CATCH BASIN	SLHH 	STREET LIGHT HANDHOLE
TMH 	TELEPHONE MANHOLE	PM 	PARKING METER
VZ MH 	VERIZON MANHOLE	FA 	FIRE ALARM
	STONE BOUND W/ DRILL HOLE	EOUT 	ELECTRIC OUTLET
	SIGN	SWTB 	STORMWATER TREATMENT BASIN
	TCB CONCRETE MANHOLE	TSCC 	TRAFFIC SIGNAL CONTROL CABINET
	TCB 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

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

ISSUE DATE: 1 AUGUST 5, 2020 PERMIT ISSUE INITIALS: JC

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PREPARED FOR RECORD

APPROVED FOR OUTSIDE PLANT: ENGINEER: DATE:

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



PROPRIETARY

USE PURSUANT TO COMPANY INSTRUCTIONS

SPECIFICATION

PROJECT NUMBER

OWNERSHIP:

LINE CODE:

CABLE CLL:

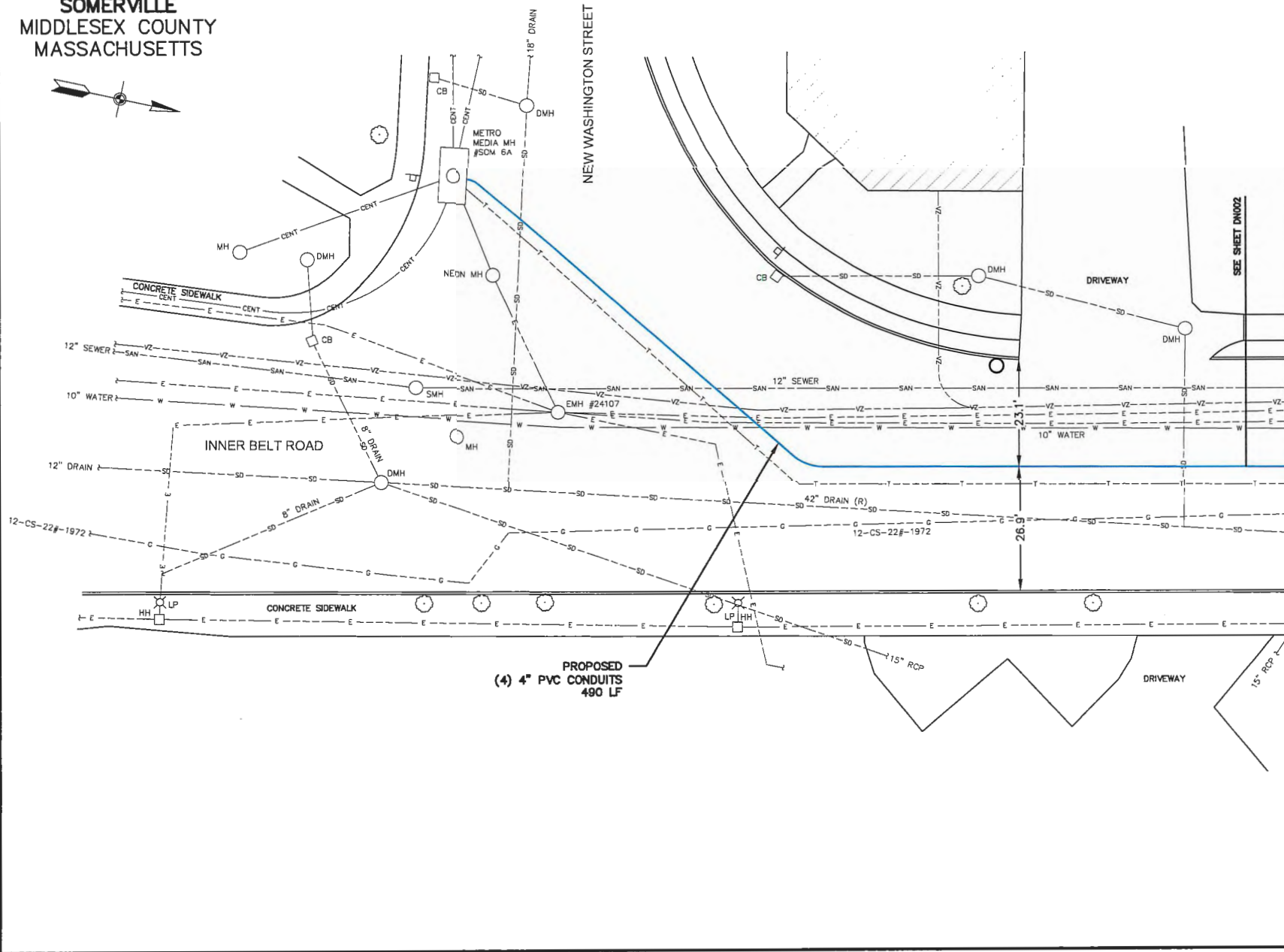
SCALE:




INNER BELT ROAD AT
WASHINGTON STREET
SOMERVILLE, MA

LEGEND & REFERENCES

PT002

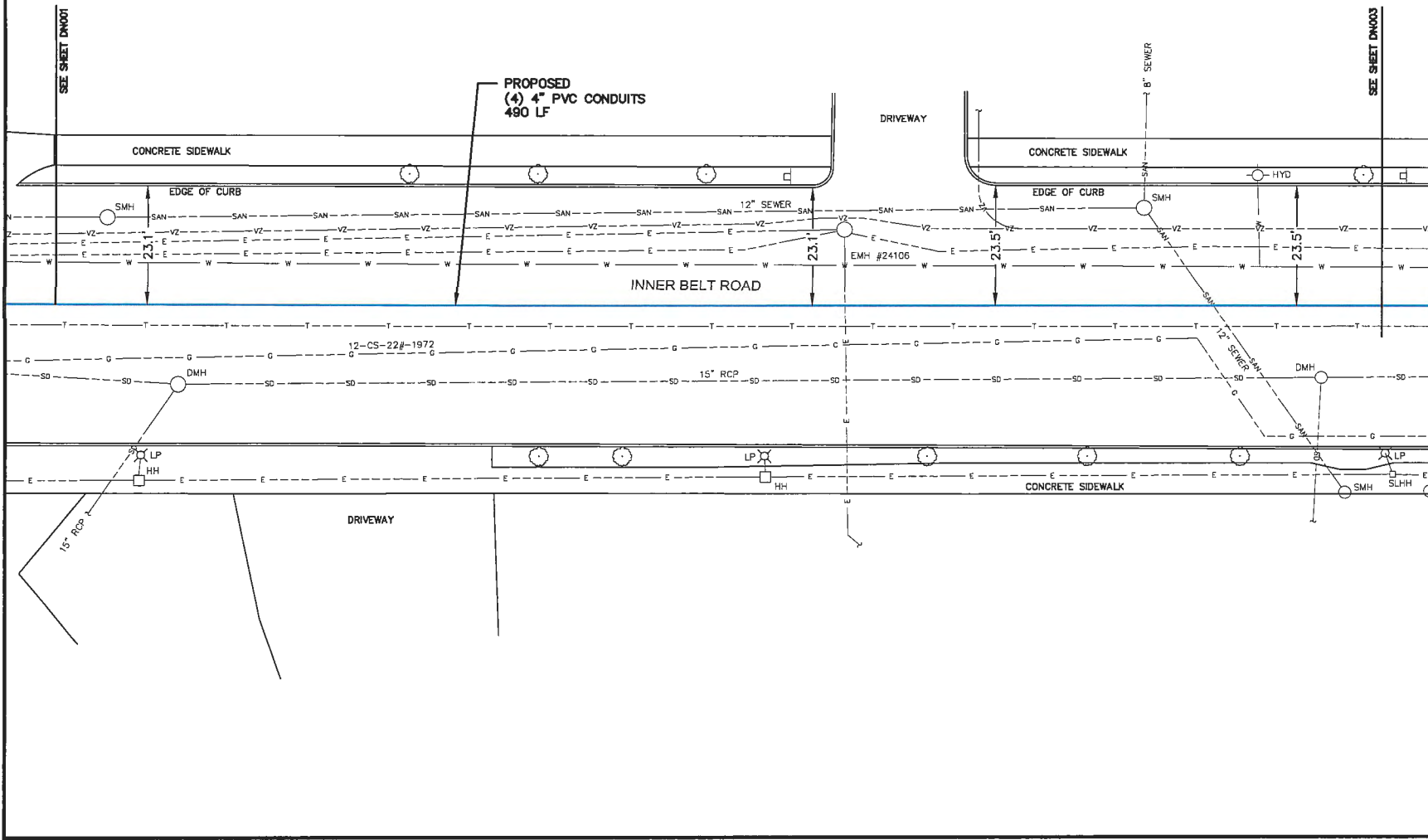
**SOMERVILLE
MIDDLESEX COUNTY
MASSACHUSETTS**



ISSUE DATE: 1. AUGUST 5, 2020 PERMIT ISSUE		INITIALS: JCC
PRELIMINARY NOT FOR CONSTRUCTION		
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PREPARED FOR RECORD		
APPROVED FOR OUTSIDE PLANT	ENGINEER	DATE
TC SYSTEMS, INC An Affiliate of 		
		
PROFITABILITY ONLY NOT FOR CONSTRUCTION		
SPECIFICATION		
PROJECT NUMBER		
OWNERSHIP:		
LINE CODE:		
CABLE CLI:		
SCALE: 1" = 20'		
INNER BELT ROAD AT WASHINGTON STREET SOMERVILLE, MA		
PROPOSED CONDUIT PLACEMENT PLAN		
DN001		

SIENA ENGINEERING GROUP, INC.
 18-14300 Route 8 Intersect Road W5.dwg
 Plotted: August 5, 2020 - 12:58 PM by Joseph Connor
 -Sienna.ctb

SOMERVILLE
MIDDLESEX COUNTY
MASSACHUSETTS



ISSUE DATE: 1 AUGUST 5, 2020 PERMIT ISSUE		INITIALS: JCC
<p>PRELIMINARY NOT FOR CONSTRUCTION</p>		
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<p>PREPARED FOR RECORD</p> <p>APPROVED FOR OUTSIDE PLANT _____ ENGINEER _____ DATE _____</p>		
<p>TC SYSTEMS, INC An Affiliate of AT&T</p>		
<p>SIENA ENGINEERING GROUP, INC. 1101 Washington Street, Suite 200 Somerville, MA 02143 (617) 629-1001</p>		
<p>PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS</p> <p>SPECIFICATION _____</p> <p>PROJECT NUMBER _____</p> <p>OWNERSHIP: _____</p> <p>LINE CODE: _____</p> <p>CABLE CLL: _____</p> <p>SCALE: 1" = 20'</p>		
<p>INNER BELT ROAD AT WASHINGTON STREET SOMERVILLE, MA</p>		
<p>PROPOSED CONDUIT PLACEMENT PLAN</p>		
<p>DN002</p>		

SIENA ENGINEERING GROUP, INC.
18-14300 Node B Innerbelt Road WS.dwg
Plotted: August 5, 2020 - 12:58 PM
Printed: August 5, 2020 - 11:58 PM by Joseph Connor -
Sienna.ctb

- PROPOSED
(4) 4" PVC CONDUITS
490 LF

- PROPOSED
(2) 4" PVC CONDUITS
95 LF

INNER BELT ROAD

PROPOSE
CONCRETE MANHOL
4'x4'x

PROPOSED
CONCRETE HANDHOLE
24"x36"x18"

PROPOSED
(1) 4" PVC CONDUIT
2.15

- PROPOSED FUTURE
EXTENET HANDHOLE

WASHINGTON STREET

WASHINGTON STREET

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NOT FOR CONSTRUCTION

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PREPARED FOR RECORD

APPROVED FOR _____
OUTSIDE PLANT _____ ENGINEER _____ DATE _____

TC SYSTEMS, INC
An Affiliate of  AT&T



SIENA
ENGINEERING GROUP, INC.
161 Main Street, Suite 204, Burlington, MA 01803

PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION
PROJECT NUMBER

OWNERSHIP:
LINE CODE:
CABLE CLLI:

SCALE: 1" = 20'

INNER BELT ROAD AT
WASHINGTON STREET
SOMERVILLE, MA

PROPOSED CONDUIT PLACEMENT PLAN

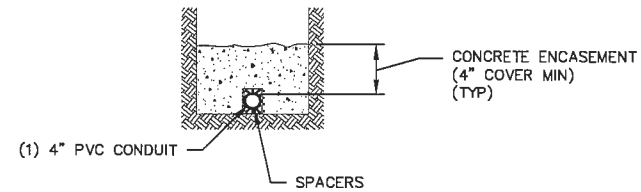
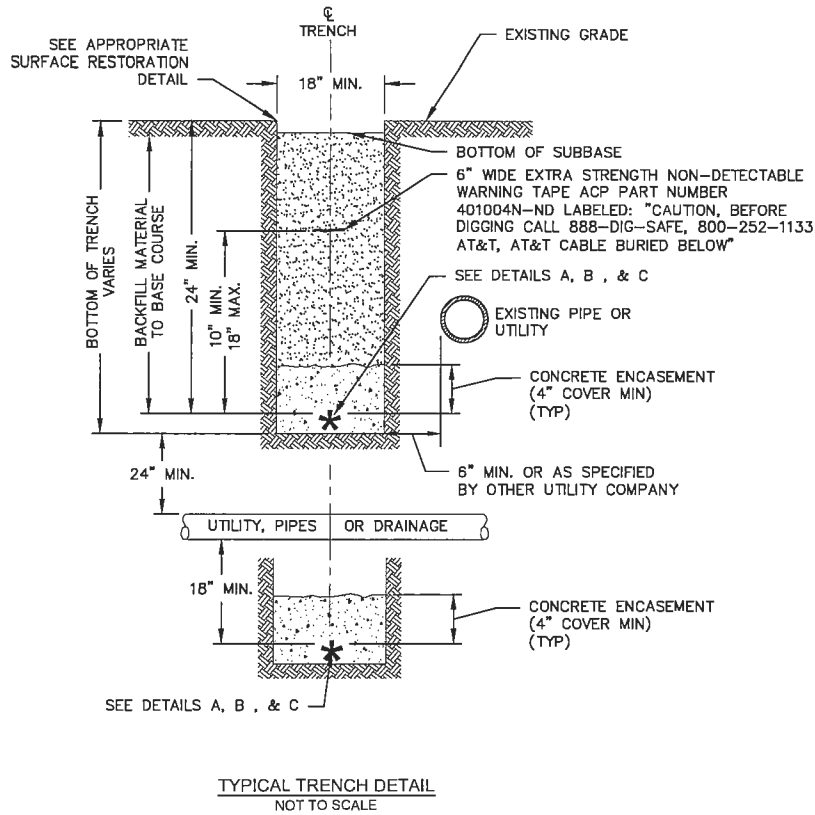
DN003

SIENA ENGINEERING GROUP, INC.
18-14300 Node 8 Innerbelt Road WS.dwg
Edited: August 5, 2020 - 12:51 PM
Plotted: August 5, 2020 - 12:56 PM by joseph connor -
_Siena.ctb

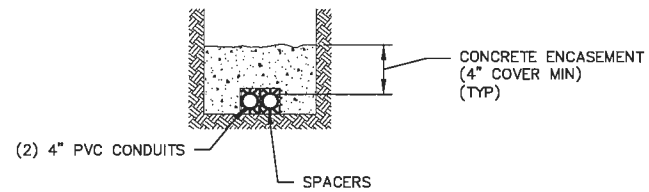
NOTE:

DEPTH SHALL VARY BASED UPON ENCOUNTERS WITH EXISTING UTILITIES.
CONTRACTOR SHALL MAINTAIN A MINIMUM OF 24" DEPTH OF COVER. IF 24"
MINIMUM DEPTH OF COVER CANNOT BE ACHIEVED, CONSULT W/ ENGINEER.

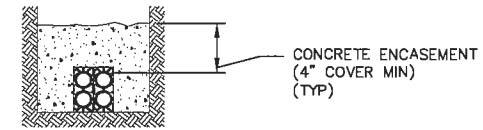
TRENCH WIDTH DIMENSIONS SHOWN FOR CLARITY, ACTUAL WIDTH WILL DEPEND ON
FIELD CONDITIONS.



DETAIL 'A' - 1 CONDUIT
NOT TO SCALE



DETAIL 'B' - 2 CONDUITS
NOT TO SCALE



DETAIL 'C' - 4 CONDUITS
NOT TO SCALE

ISSUE DATE: 1 AUGUST 5, 2020 PERMIT ISSUE INITIALS: JCC

PRELIMINARY
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TC SYSTEMS, INC.
An Affiliate of AT&T



PROPRIETARY

USE PLIUSANT TO COMPANY INSTRUCTIONS

SPECIFICATION

PROJECT NUMBER

OWNERSHIP:

LINE CODE:

CABLE CUI:

SCALE: AS NOTED

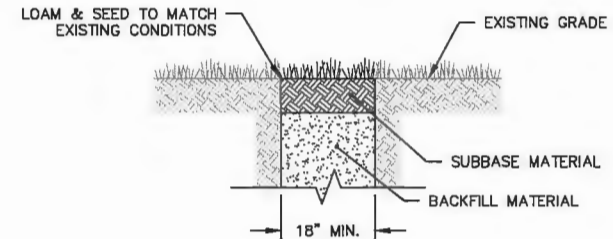
INNER BELT ROAD AT
WASHINGTON STREET
SOMERVILLE, MA

TYPICAL TRENCH DETAILS

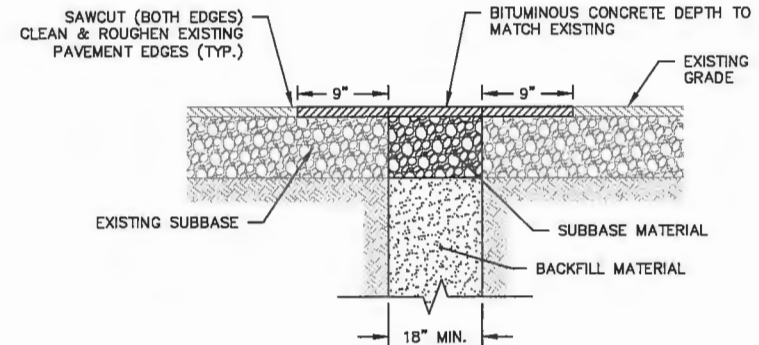
DT001

SIENA ENGINEERING GROUP, INC.
 1000 Washington Street
 Somerville, MA 02143
 Edited: August 5, 2020 - 12:51 PM
 Plotted: August 5, 2020 - 12:58 PM by Joseph Connor -
 -Sienna.ctb

RESTORATION REQUIREMENTS:
 SUBBASE & TRENCH BACKFILL SHALL
 CONFORM TO CITY OF SOMERVILLE
 SPECIFICATIONS FOR MATERIAL,
 PLACEMENT & COMPACTION.



LOAM/GRASS RESTORATION DETAIL
 NOT TO SCALE



BITUMINOUS CONCRETE
 ROADWAY RESTORATION DETAIL
 NOT TO SCALE

ISSUE DATE: INITIALS:
 1. AUGUST 5, 2020 PERMIT ISSUE ICE

PRELIMINARY
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PREPARED FOR RECORD

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TC SYSTEMS, INC.
 An Affiliate of AT&T



SIENA ENGINEERING GROUP, INC.
 1000 WASHINGTON STREET
 SOMERVILLE, MA 02143
 USE PURSUANT TO COMPANY INSTRUCTIONS

SPECIFICATION PROJECT NUMBER

OWNERSHIP:
 LINE CODE:
 CABLE CODE:

SCALE: AS NOTED

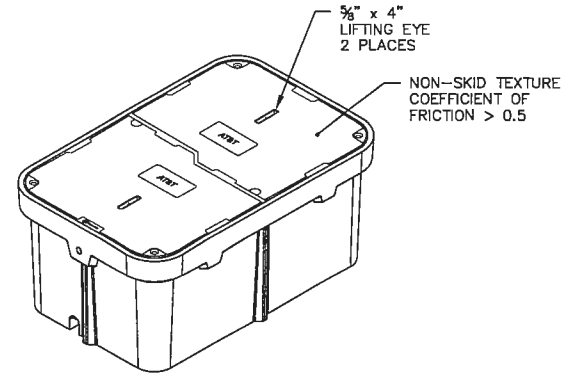
INNER BELT ROAD AT
 WASHINGTON STREET
 SOMERVILLE, MA

TYPICAL SURFACE
 RESTORATION DETAILS

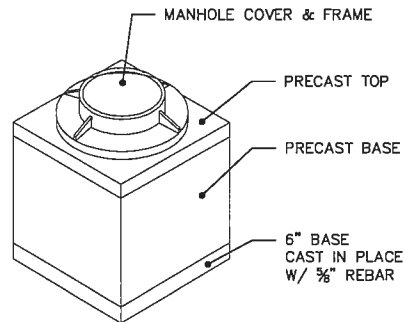
DT002

NOTES:

1. HANDHOLES INSTALLED IN ACCORDANCE WITH THE LATEST REVISION OF AT&T STANDARD SPECIFICATIONS FOR OUTSIDE PLANT CABLE CONSTRUCTION AND REMOVAL. .
2. HANDHOLE SECTIONS PROPERLY ALIGNED AND FREE OF DIRT AND STONES WHEN JOINED.
3. HANDHOLE RACKING CONFORMS WITH AT&T SPECIFICATIONS.
4. SPLICE HANDHOLES INCLUDE AC/DC FILTER PROTECTION PER AT&T SPECIFICATIONS.
5. HANDHOLE MATERIAL IS POLYMER CONCRETE.
6. HANDHOLE MANUFACTURED BY OLDCASTLE ENCLOSURE SOLUTIONS, 801 S. PINE ST., MADERA, CA 95367 1-800-486-7070. UNIT, PC2436-18.



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



TYPICAL CONCRETE MANHOLE - 4'x4'x4'
NOT TO SCALE

NOTES:

1. MANHOLES INSTALLED IN ACCORDANCE WITH THE LATEST REVISION OF TCB STANDARD SPECIFICATIONS FOR OUTSIDE PLANT CABLE CONSTRUCTION AND REMOVAL.
2. MANHOLE SECTIONS PROPERLY ALIGNED AND FREE OF DIRT AND STONES WHEN JOINED.
3. MANHOLE RACKING CONFORMS WITH TCB SPECIFICATIONS.
4. SPLICE MANHOLES INCLUDE AC/DC FILTER PROTECTION PER TCB SPECIFICATIONS.
5. MANHOLE MATERIAL IS POLYMER CONCRETE.
6. CORED OPENINGS LOCATED TO BE DETERMINED ON SITE.
7. MANHOLE MANUFACTURED BY SHEA CONCRETE PRODUCTS, 773 SALEM STREET, WILMINGTON, MA 1-800-696-7432. UTILITY MANHOLE 4'-0"W x 4'-0"L x 4'-0"H WITH KNOCKOUTS, PAGE K2.7, DRAWING NO. UM 4x4x4.dwg.

ISSUE DATE: 1 AUGUST 5, 2020 PERMIT ISSUE INITIALS: JCC

PRELIMINARY NOT FOR CONSTRUCTION

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PREPARED FOR RECORD
APPROVED FOR OUTSIDE PLANT ENGINEER DATE

TC SYSTEMS, INC
An Affiliate of AT&T



PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS

SPECIFICATION
PROJECT NUMBER

OWNERSHIP:
LINE CODE:
CABLE CLU:

SCALE: AS NOTED

INNER BELT ROAD AT
WASHINGTON STREET
SOMERVILLE, MA

TYPICAL HANDHOLE
& MANHOLE DETAILS

DT003

Washington St. / Innerbelt Rd.
SOMERVILLE, MA

Map	Blo	Lot	Stree													Use
ap	Cut	Bloc	Cut	Lot	Cut	Unit	Alternate	Numbe	Location	Grantee	Co grantee-s Name	Mailing Address	City	St	Zip	Code Use Descri
05		C		19	A			21	WASHINGTON ST	APAZIDIS IOANNIS & NIKOLAOS TR	PK REALTY TRUST	14 SMITH ROAD		RANDOLPH		MA 02368 0322 STORE/SHOP
05		C		20				25	WASHINGTON ST	JSADB5 LLC		25 WASHINGTON ST		SOMERVILLE		MA 02143 316I COMM WHSE
05		D		19				7	WASHINGTON ST	WASHDEV2 LLC		22 MCGRATH HIGHWAY SUITE 206		SOMERVILLE		MA 02143 1010 SING FAMLY
05		D		20				11	WASHINGTON ST	LEE CHUNG TRUSTEE	C & S REALTY TRUST	33 THIRD ST		MEDFORD		MA 02155 3370 PARK LOT
05		D		21				17	WASHINGTON ST	TRANFAGLIA SANDRA &	ACCOLLA ANTHONY TRS AJ'S	347 HILLSIDE RD		NORTH ANDOVER		MA 01845 3400 OFFICE BLD
06		A		4				17	INNER BELT RD	DEVITTO RALPH C JR & BRAM A TR	RCD FOUNDATION R.T. C/O B	26 BRIGHTON ST		BELMONT		MA 02478 3410 BANK BLDG
06		A		5				0	NEW WASHINGTON ST	CITY OF SOMERVILLE	VACANT LAND COBBLE HILL	93 HIGHLAND AVE		SOMERVILLE		MA 02143 9300 CITY VACAN
07		A		2			3	30	WASHINGTON ST	DDH HOTEL SOMERVILLE LLC		319 SPEEN ST		NATICK		MA 01760-1506 3000 HOTELS
07		B		1				20	INNER BELT RD	SOMERVILLE CITY CLUB		20 INNER BELT ROAD		SOMERVILLE		MA 02145 3530 FRATNL ORG
10		A		2					INNER BELT RD	MBTA	C/O MARK DOYLE R E DIRECT	10 PARK PLAZA SUITE 5720		BOSTON		MA 02116 972V MBTA VACAN