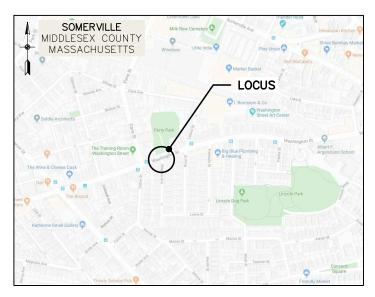


PROPOSED CONDUIT PLACEMENT WASHINGTON STREET AT MAGNUS AVENUE SOMERVILLE, MA

CONDUIT CONSTRUCTION PLANS MIDDLESEX COUNTY JULY 28, 2020 PERMIT ISSUE

> **PRELIMINARY** NOT FOR CONSTRUCTION

SIENA ENGINEERING GROUP, INC. 18-14300 Node 14 - Washington St At Dane St.Somerville, Ata.dwg Pidted: July 15, 2020 - 2:13 PM Plotted: July 28, 2020 - 3:09 PM by joseph connor - _Siena.ctb



VICINITY MAP



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	PROPOSED CONDUIT PLACEMENT PLAN
DT001	TYPICAL TRENCH & SURFACE RESTORATION DET
DT002	PROPOSED HANDHOLE & HANDHOLE PLACEMENT
DT003	PROPOSED UTILITY RISER DETAIL

TAILS NT DETAILS

PRELIMINARY
NOTES:
1. SUBSURFACE UTILITY LINES, AS SHOWN HEREON, WERE COMPILED ACCORDING TO AVAILABLE RECORD INFORMATION FROM THE REFERENCED COMPANIES AND PUBLIC AGENCIES, AND THEIR LOCATIONS MEST BE DETERMINED IN THE FIELD PRIOR TO ANY CONSTRUCTION ACTIVITIES. SIENA ENGINEERING GROUP ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.
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PREPARED FOR RECORD
OUTSIDE PLANT ENGINEER DATE
TC SYSTEMS, INC An Affiliate of SAT&T
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DRAWN BY: J. CONNOR CHECKED BY: D. PUCHALA
APPROVED BY: B. DORWART PE
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS SPECIFICATION PROJECT NUMBER
OWNERSHIP: LINE CODE: CABLE CLLI:
SCALE:
WASHINGTON STREET AT MAGNUS AVENUE SOMERVILLE, MA
LIST OF DRAWINGS

ISSUE DATE: 1. JULY 28, 2020 PERMIT ISSUE INITIALS:

PT001

PLANIMETRIC SYMBOL LEGEND

¢—¤́	UTILITY POLE W/LIGHT	\subset
UP -O-	UTILITY POLE	\square
\longrightarrow	UTILITY POLE ANCHOR	
\bigtriangleup	PAD MOUNTED TRANSFORMER	o
GM 🔘	GAS METER	
GG 🕅	GAS VALVE	
тмн 🔘	TELEPHONE MANHOLE	
WM 🖽	WATER METER	
hyd Q	2-NOZZLE FIRE HYDRANT	С
hyd -Q-	3-NOZZLE FIRE HYDRANT	
WG 🕅	WATER GATE	
C0 0	SEWER CLEAN OUT	
SMH 🔵	SEWER MANHOLE	
DMH 🔵	DRAIN MANHOLE	
СВ	CATCH BASIN	
VZ MH 🔘	VERIZON MANHOLE	
IRHH	IRRIGATION HANDHOLE	
ЕНН	ELECTRIC HANDHOLE	
EOUT 🕂	ELECTRIC OUTLET	
SLHH	STREET LIGHT HANDHOLE	
МАНН	MASS HIGHWAY HANDHOLE	
SWTB	STORMWATER TREATMENT BASIN	

EXISTING UTILITIES

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

		^	
	TRAFFIC SIGNAL POLE	\bigtriangleup	SURVEY ANGLE POINT
	TRAFFIC SIGNAL POLE W/LUMINARE	- -	SURVEY BENCH MARK
\diamond	TRAFFIC SIGNAL SUPPORT POLE	0	SURVEY IRON PIPE
0 77	FLASHING WARNING SYSTEM	\oplus	MONUMENT (IN CASE)
\boxtimes	JUNCTION BOX		MONUMENT (SURFACE)
	R/R CROSSING GATE	BUS	BUS STOP
∠_ _⊅	R/R CROSSING SIGNAL	<u> </u>	
\bowtie	SIGNAL CONTROLLER		MAIL BOX
oo	SIGN BRIDGE		
o	CANTILEVERED SIGN		ROCKERY
<u> </u>	SINGLE POST	had	SHRUBBERY
Ą	DOUBLE POST		SIGN
			CONIFER TREE
#	COUNTY ROAD	\bigcirc	DECIDUOUS TREE
(##)	INTERSTATE HIGHWAY	LP 🌣	LIGHT POLE
(##)	STATE HIGHWAY	<u>117</u>	WETLAND
(##)	US HIGHWAY	\longrightarrow	WATER FLOW
⊗ MW	MONITORING WELL	GP o	GUARD POST
		PM ●	PARKING METER
		FA O	FIRE ALARM

LINETYPE LEGEND

SURFACE FEATURES

 RAILROAD TRACKS
 ---- EASEMENT LINE

 DITCH
 ---- PROPERTY LINE

 TREE LINE
 ---- RIGHT-OF-WAY LINE

 O
 O
 GUARD RAIL

 ---- FENCE

 V
 V
 RETAINING WALL

REFERENCES & NOTES

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

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	AT&T SPLICE MANHOLE
	AT&T MANHOLE
	AT&T HANDHOLE
\bigcirc	AT&T VAULT
	AT&T REGEN
<124 103+00 7′ L	AT&T MARKER (CABLE LEFT)
123 102+,00 8,00	AT&T MARKER (CABLE RIGHT)
M.P. 341	MILEPOST
48 <u>"DOC</u>	DEPTH OF CABLE NOTE
•	ELECTRONIC MARKER BALL
	TONE WIRE GROUND
T	TONE WIRE MARKER POLE
(T_x)	TONE WIRE SPLICE

AT&T CONDUIT

PROPOSED BURIED CONDUIT

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NOTES: 1. SUBSURFACE UTILITY LINES. AS SHOWN HEREON, WERE COMPLED ACCORDING TO AVAILABLE RECORD INFORMATION FROM THE REFERENCER COMMONS ARE APPOXIMATE ONLY. A ACTUAL LOCATIONS ARE APPOXIMATE ONLY. A CTUAL LOCATIONS NUTS ED EXTERNINED IN THE FELD PROR TO ANY CONSTRUCTION ACTIVITIES. SIENA ENGINEERING GROUP ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.
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SIENA ENGINEERING GROUP INC. 90 Mail Road, Subar 2018, Aufrighton, MA 07803 978 2221 8400
DRAWN BY: J. CONNOR CHECKED BY: D. PUCHALA
APPROVED BY: B. DORWART PE
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS SPECIFICATION
PROJECT NUMBER
OWNERSHIP: LINE CODE: CABLE CLLI:
SCALE:
WASHINGTON STREET AT
MAGNUS AVENUE
SOMERVILLE, MA
LEGEND & REFERENCES

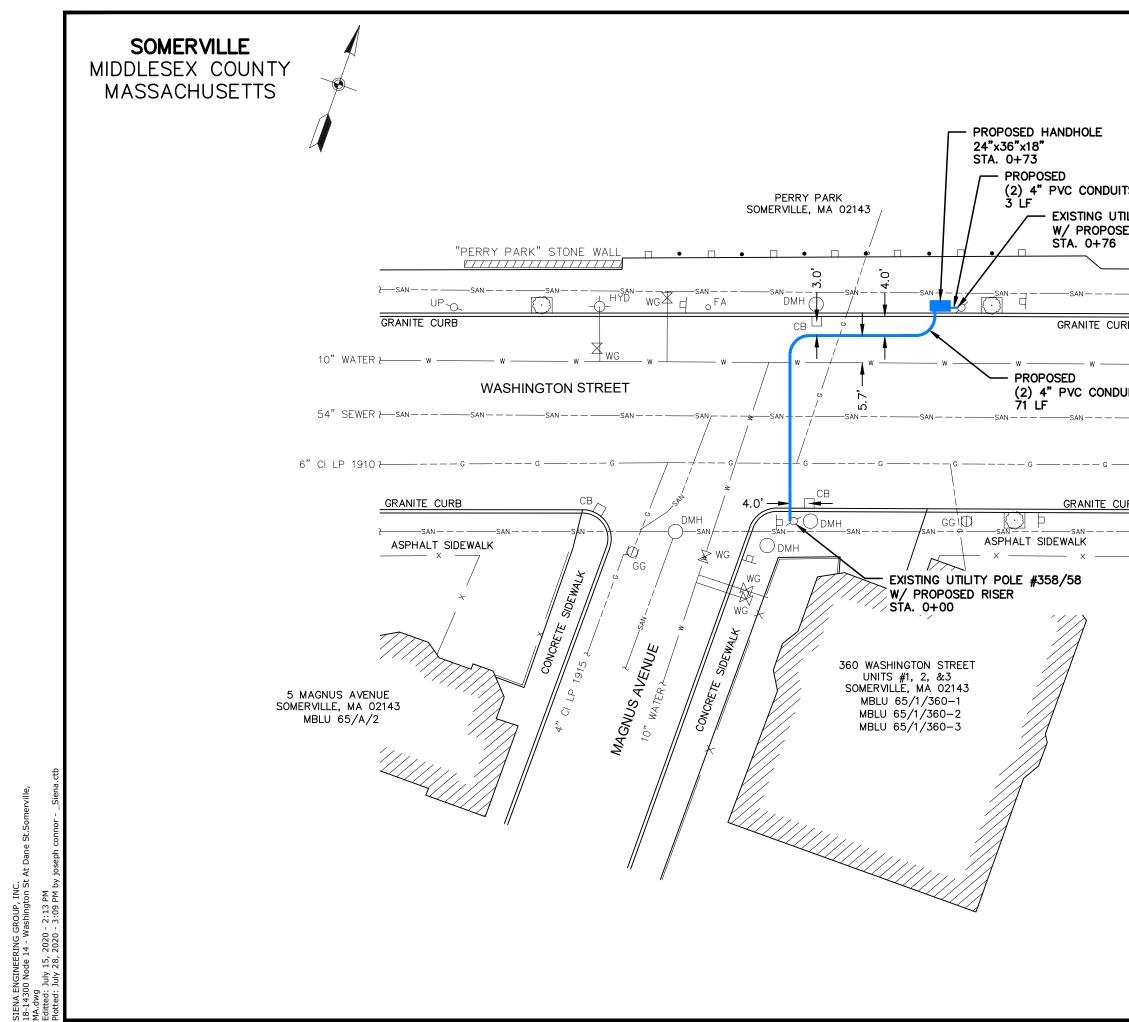
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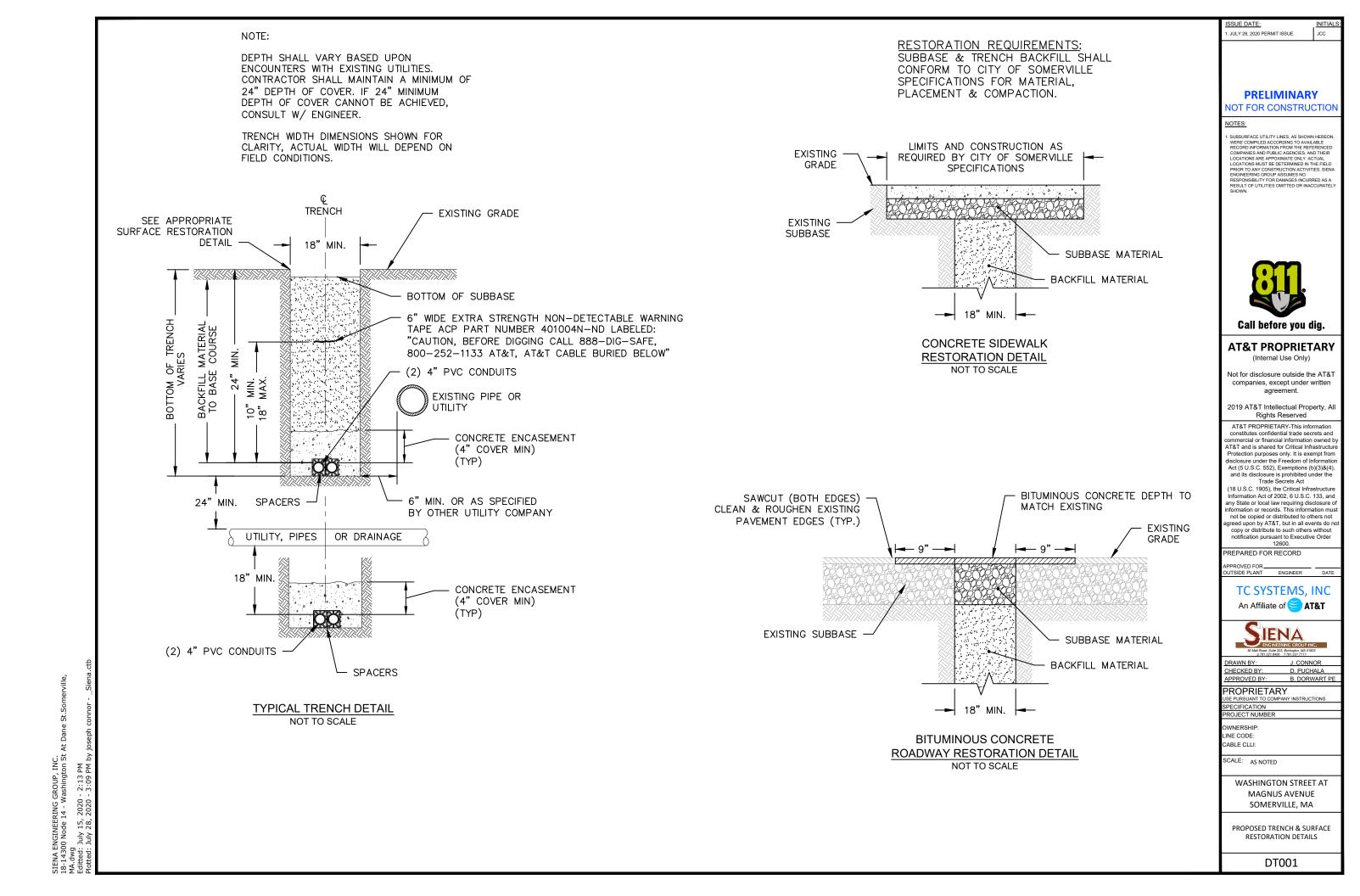
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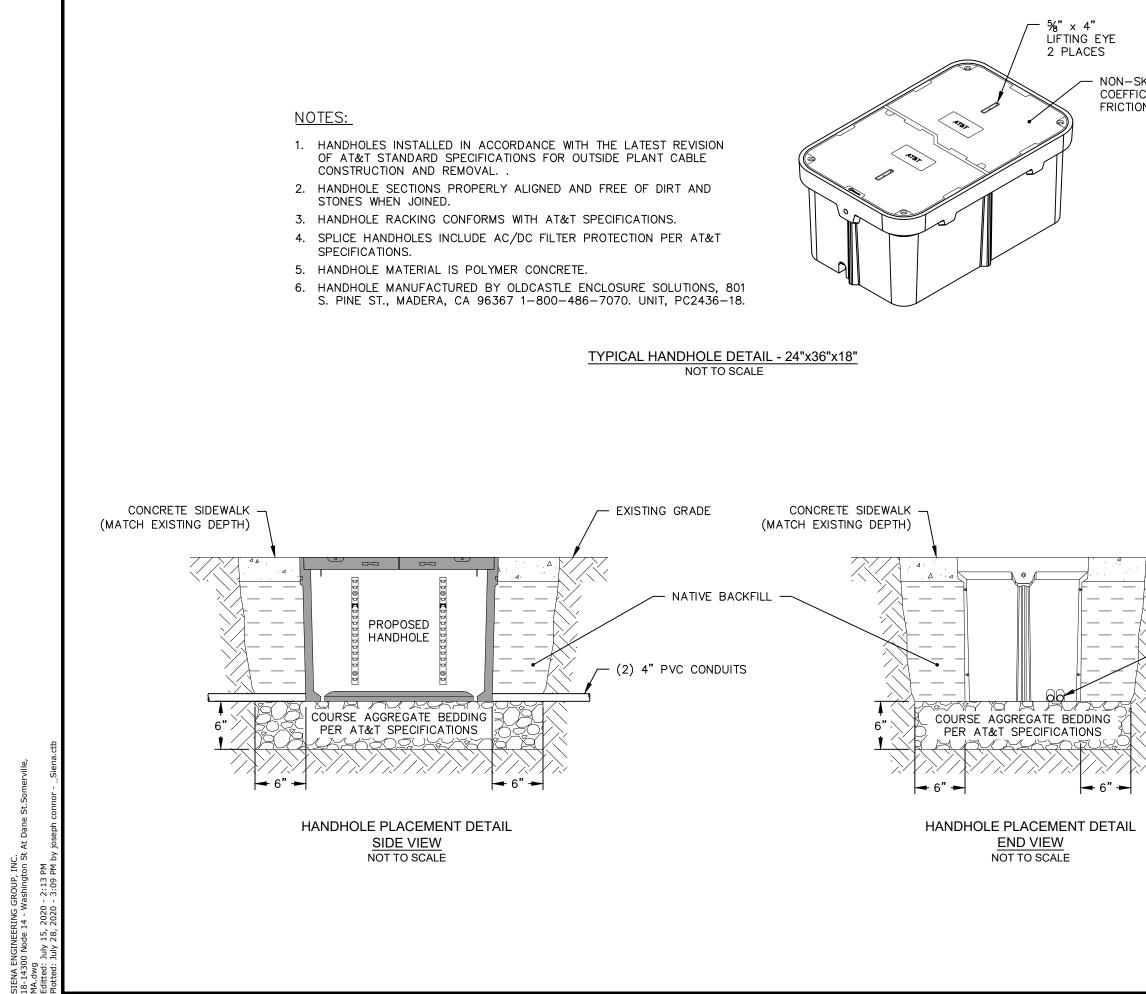
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	An Affiliate of 🤤	AT&T
	SIENA	
	ENGINEERING GROU 50 Mail Road, Suite 203, Burlington, M p 781.221.8400 f 781.221.71	
	DRAWN BY: J. CC	NNOR
		JCHALA DRWART PE
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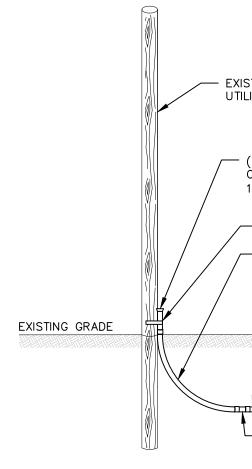


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	WASHINGTON STREE MAGNUS AVENUE SOMERVILLE, MA	
	PROPOSED HANDHOLE HANDHOLE PLACEMENT D	

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PROPOSED RISER

	1. JULY 28, 2020 PERMIT ISSUE	JCC
STING LITY POLE	PRELIMINAR	
(2) 4" GALV. STEEL CONDUITS CAPPED FOR FUTURE USE, 12" LENGTH	NOTES: 1. SUBSURFACE UTILITY LINES AS SHOWN WERE COMPILED ACCORDING TO AVAIL RECORD INFORMATION FROM THE REFI COMPANIES AND PUBLIC AGENCIES, AN LOCATIONS ARE APPOINTED ONLY. AC LOCATIONS MUST BE DETERMINED IN T PRIOR TO AVY CONSTRUCTION ACTIVIT ENGINEERING GROUP ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURIN RESULT OF UTILITIES OMITTED OR INAC SHOWN.	ABLE ERENCED ID THEIR CTUAL HE FIELD IES. SIENA RED AS A
- MOUNT CONDUITS TO POLE		
— 48" SWEEP OF (2) 4" RIGID STEEL		
PROPOSED (2) 4" PVC CONDUITS	Call before you d	lia.
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4" GALV. STEEL TO	2019 AT&T Intellectual Prop Rights Reserved	erty, All
4" PVC COUPLING <u>R DETAIL</u> E	AT&T PROPRIETARY-This info constitutes confidential trade sec commercial or financial information AT&T and is shared for Critical Infr Protection purposes only. It is exe disclosure under the Freedom of Ir Act (5 U.S.C. 552), Exemptions (t and Its disclosure is prohibited un Trade Secrets Act (18 U.S.C. 1905), the Critical Infr Information Act of 2002, 6 U.S.C. any State or local law requiring dis information Act of 2002, 6 U.S.C. any State or local law requiring dis information or records. This inform, not be copied or distributed to ot agreed upon by AT&T, but in all ev copy or distribute to such others notification pursuant to Executiv 12600.	rets and owned by astructure mpt from nformation b)(3)&(4), nder the structure 133, and closure of ation must hers not ents do not without
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	TC SYSTEMS, An Affiliate of SAT	INC
	SIENA BO MAR ROAC SUITE 203, BUTTINGTON, MAY 198 P 781.2214 ADD 00 7781.221.7117	C.
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	PROPOSED UTILITY RISER DETAIL	
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