



July 13, 2022

Mr. Sean Lydon
Commissioner
Inspectional Services Department
1010 Massachusetts Avenue
Boston, MA 02118

RE: Estimated Fair Cost of Construction for Improvements Associated with Wireless Upgrade of Existing AT&T Wireless Facility – MAL02892 – 484 Tremont Street, Boston, MA 02116/ (the "Site")

Dear Commissioner:

The estimated fair cost of construction for improvements for the upgrade of AT&T's existing wireless facility at the Site, as depicted on the construction drawings, is estimated as follows (each cost being a not-to-exceed estimate):

Labor for Improvements \$20,000
Materials for Improvements \$80,000
Total Fair Cost for Improvements \$100,000

Sincerely,

Geoff

A handwritten signature in black ink that reads "Geoffrey Forse". The signature is stylized and cursive.

Geoffrey Forse
Qualtek Wireless
Cell (978) 437-0443
NEPermitting@qualtekwireless.com



Commonwealth of Massachusetts
Division of Occupational Licensure
Board of Building Regulations and Standards

Construction Supervisor

CS-098919

Expires: 05/04/2026

GEOFFREY B. FORSE
10 WESCROFT RD
READING MA 01867



Commissioner *Laura R. DeMilia*

Construction Supervisor

Unrestricted - Buildings of any use group which contain less than 35,000 cubic feet (991 cubic meters) of enclosed space.

Failure to possess a current edition of the Massachusetts State Building Code is cause for revocation of this license.

For information about this license
Call (617) 727-3200 or visit www.mass.gov/dpl



June 15, 2022

City of Boston
1010 Massachusetts Ave
Boston, MA 02118

RE: **Letter of Authorization**
484 Tremont Street
Boston, MA 02116
AT&T Site Name: BOSTON – CASTLE SQUARE
AT&T Site No.: MAL02892 / FA#10546859

CS to Wilm Owner LLC (“Property Owner”) does hereby appoint **New Cingular Wireless PCS, LLC (AT&T)** (“Carrier”) and its authorized contractors/agents including but not limited to **Smartlink** to act as “Applicant/Agent” for the purpose of preparing and filing any application or document necessary to ensure Carrier’s ability to use the Property as a telecommunications facility. The Property Owner understands and agrees that this application may be denied, modified, or approved with conditions and that such conditions or modifications must be complied with prior to the issuance of building permits. It is understood by both Property Owner and Carrier that the authorization given herein does not constitute a commitment by the Property Owner to Carrier or otherwise convey right to the Property to Carrier, and that such conveyance shall only be accomplished by the execution of a further agreement by both parties.

By: Ann Moy
Printed Name: Ann Moy
Title: President
Date: 6/27/2022

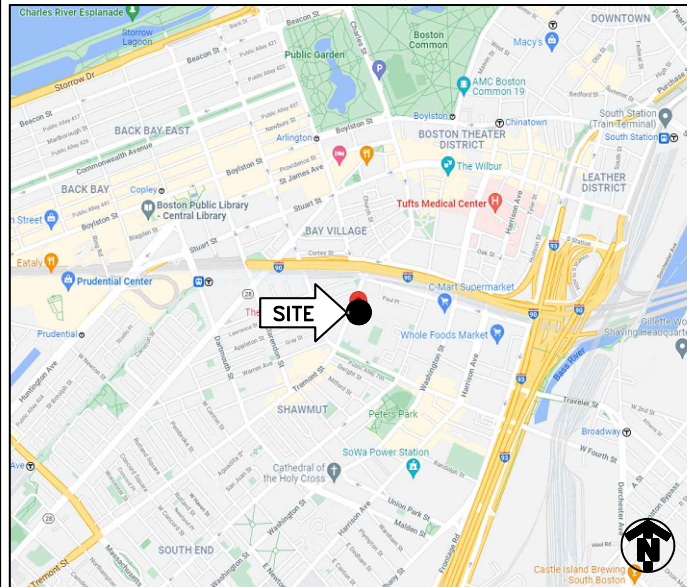
SHEET INDEX	
NO.	DESCRIPTION
T1	TITLE SHEET
C1	GENERAL NOTES
C2	OVERALL & ENLARGED SITE PLAN
C3	ELEVATION VIEW
C4	ANTENNA ORIENTATION PLAN
C5	EQUIPMENT DETAILS
C6	PLUMBING DIAGRAM
C7	GROUNDING DETAILS
S1	STRUCTURAL MODIFICATIONS
T0	
S3	

DRIVING DIRECTIONS

FROM 550 COCHITUATE RD.:

GET ON I-90 E, HEAD SOUTHWEST, TURN RIGHT TOWARD LEGGATT MCCALL CONN, TURN LEFT ONTO LEGGATT MCCALL CONN, CONTINUE ONTO BURR ST, TURN LEFT ONTO COCHITUATE RD, USE THE RIGHT LANE TO TAKE THE I-90 E/MASS PIKE RAMP TO BOSTON, FOLLOW I-90 E TO STUART ST IN BOSTON. TAKE EXIT 133 FROM I-90 E, MERGE WITH I-90 E, USE THE RIGHT LANE TO TAKE EXIT 133 TOWARD PRUDENTIAL CENTER/COPLEY SQUARE, KEEP RIGHT AT THE Y JUNCTION, FOLLOW SIGNS FOR COPLEY SQ AND MERGE WITH STUART ST, TURN RIGHT ONTO ARLINGTON ST, CONTINUE ONTO HERALD ST, TURN RIGHT ONTO SHAWMUT AVE, TURN RIGHT ONTO E BERKELEY ST, TURN RIGHT ONTO VILLAGE CT, TURN LEFT TO STAY ON VILLAGE CT.

LOCATION MAP



PROJECT
 5G NR ACTIVATION/5G NR ACTIVATION/5G NR 1SR CBAND/
 CPRI CABLE/5G NR 1SR CBAND
 SITE NAME
BOSTON - CASTLE SQUARE
 CELL SITE ID
MAL02892
 FA SITE NUMBER
10546859
 PACE ID
 MRCTB057842/MRCTB057676/MRCTB052335/
 MRCTB051566/MRCTB051549
 SITE ADDRESS
 484 TREMONT STREET
 BOSTON, MA 02116
 STRUCTURE TYPE
ROOFTOP

PROJECT TEAM

PROJECT MANAGER

1033 Watervliet Shaker Rd
 Albany, NY 12205
 Office # (518) 690-0790
 Fax # (518) 690-0793
ENGINEER

SCOPE OF WORK (PER FINAL RFDS, DATED 05/03/2022 V4.00):

- HANDICAP ACCESS REQUIREMENTS ARE NOT REQUIRED.
- FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.
- FACILITY HAS NO PLUMBING OR REFRIGERANTS.
- THIS FACILITY SHALL MEET OR EXCEED ALL FAA AND FCC REGULATORY REQUIREMENTS.
- ALL NEW MATERIAL SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR UNLESS NOTED OTHERWISE. EQUIPMENT, ANTENNAS/RRU AND CABLES FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR.

TOWER

- REMOVE (5) PANEL ANTENNAS (HPA-65R-BUU-H6)
- REMOVE (2) PANEL ANTENNAS (800-10965)
- REMOVE (1) PANEL ANTENNAS (800-10966)
- INSTALL (2) PANEL ANTENNAS (TPA65R-BU6DA-K) AND (1) PANEL ANTENNA (TPA65R-BU8DA-K)
- INSTALL (6) PANEL ANTENNAS (AIR6419 B77G+AIR6449 B77D STACKED)
- REMOVE (3) RRUS-11 B5
- ADD (3) Y CABLES

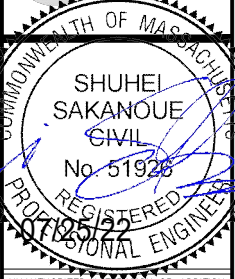
GROUND

- ADD 6648 AND XCEDE CABLE
- ADD XMU
- ADD (5) RECTIFIERS
- FINAL BBU CONFIG: (1) 5216, (2) XMU, (1) 6630 WITH IDLE, (1) 6648 WITH XCEDE

PROJECT SUMMARY

SITE NAME: BOSTON CASTLE SQUARE
 CELL SITE ID: MAL02892
 FA SITE #: 10546859
 SITE ADDRESS: 484 TREMONT STREET
 BOSTON, MA 02116
 COUNTY: SUFFOLK
 SITE COORDINATES:
 LATITUDE: 42.3462167° N (NAD 83)
 LONGITUDE: 71.0688694° W (NAD 83)
 ELEVATION: ±89' (AMSL)
 RAD CENTER ±83' & ±74' (AGL)
 LANDLORD: CSTO WINN OWNER LLC MASS LLC
 CASTLE SQ. TENANTS ORGANIZATION
 476 TREMONT ST.
 BOSTON, MA 02116
 APPLICANT: AT&T MOBILITY
 550 COCHITUATE RD.
 FRAMINGHAM, MA 01701
 CLIENT REPRESENTATIVE: SMARTLINK, LLC
 85 RANGEWAY RD. SUITE 102
 NORTH BILLERICA, MA 01862
 CONTACT: KRISTINA COTTONE
 KRISTINA.COTTONE@SMARTLINKGROUP.COM
 ENGINEER: INFINIGY
 1033 WATERVLIET SHAKER ROAD
 ALBANY, NY 12205
 CONTACT: ALEXANDRE MATOUT
 AMATOUT@INFINIGY.COM
 BUILDING CODE: MA BUILDING CODE
 UNIFORM BUILDING CODE
 BUILDING OFFICIALS & CODE ADMINISTRATORS
 UNIFORM MECHANICAL CODE
 UNIFORM PLUMBING CODE
 LOCAL BUILDING CODE
 CITY/COUNTY ORDINANCES
 ELECTRICAL CODE: NATIONAL ELECTRICAL CODE (LATEST EDITION)

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN MASSACHUSETTS, CALL DIG SAFE SYSTEM, INC.
 TOLL FREE: 1-888-344-7233 OR www.digsafe.com
 MASSACHUSETTS STATUTE REQUIRES MIN OF 2 WORKING DAYS NOTICE BEFORE YOU EXCAVATE
Know what's below. Call before you dig.



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2	ISSUED FOR CONSTRUCTION	BMM	04/06/22
1	ISSUED FOR REVIEW	BMM	01/24/22
0	ISSUED FOR REVIEW	BMM	01/13/22

Drawn: RCD Date: 03/03/22
 Designed: ASW Date: 03/03/22
 Checked: AD Date: 03/03/22
 Project Number: 499-006

Project Title:
BOSTON CASTLE SQUARE
 MAL02892
 FA# 10546859
 484 TREMONT STREET
 BOSTON, MA 02116



Drawing Scale: AS NOTED
CD
 Date: 03/03/22

Drawing Title
TITLE PAGE

Drawing Number
T1

GENERAL NOTES

PART 1 – GENERAL REQUIREMENTS

- 1.1 THE WORK SHALL COMPLY WITH APPLICABLE NATIONAL CODES AND STANDARDS, LATEST EDITION, AND PORTIONS THEREOF, INCLUDED BUT NOT LIMITED TO THE FOLLOWING:
 - A. GR-63-CORE NEBS REQUIREMENTS: PHYSICAL PROTECTION
 - B. GR-78-CORE GENERIC REQUIREMENTS FOR THE PHYSICAL DESIGN AND MANUFACTURE OF TELECOMMUNICATIONS EQUIPMENT.
 - C. NATIONAL FIRE PROTECTION ASSOCIATION CODES AND STANDARDS (NFPA) INCLUDING NFPA 70 (NATIONAL ELECTRICAL CODE – "NEC").
 - D. AND NFPA 101 (LIFE SAFETY CODE).
 - E. AMERICAN SOCIETY FOR TESTING OF MATERIALS (ASTM).
 - F. INSTITUTE OF ELECTRONIC AND ELECTRICAL ENGINEERS (IEEE).
- 1.2 DEFINITIONS:
 - A. WORK: THE SUM OF TASKS AND RESPONSIBILITIES IDENTIFIED IN THE CONTRACT DOCUMENTS.
 - B. COMPANY: AT&T CORPORATION
 - C. ENGINEER: SYNONYMOUS WITH ARCHITECT & ENGINEER AND "A&E". THE DESIGN PROFESSIONAL HAVING PROFESSIONAL RESPONSIBILITY FOR DESIGN OF THE PROJECT.
 - D. CONTRACTOR: CONSTRUCTION CONTRACTOR; CONSTRUCTION VENDOR; INDIVIDUAL OR ENTITY WHO AFTER EXECUTION OF A CONTRACT IS BOUND TO ACCOMPLISH THE WORK.
 - E. THIRD PARTY VENDOR OR AGENCY: A VENDOR OR AGENCY ENGAGED SEPARATELY BY THE COMPANY, A&E, OR CONTRACTOR TO PROVIDE MATERIALS OR TO ACCOMPLISH SPECIFIC TASKS RELATED TO BUT NOT INCLUDED IN THE WORK.
- 1.3 POINT OF CONTACT: COMMUNICATION BETWEEN THE COMPANY AND THE CONTRACTOR SHALL FLOW THROUGH THE SINGLE COMPANY SITE DEVELOPMENT SPECIALIST OR OTHER PROJECT COORDINATOR APPOINTED TO MANAGE THE PROJECT FOR THE COMPANY.
- 1.4 ON-SITE SUPERVISION: THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL EMPLOY A COMPETENT SUPERINTENDENT WHO SHALL BE IN ATTENDANCE AT THE SITE AT ALL TIMES DURING PERFORMANCE OF THE WORK.
- 1.5 DRAWINGS, SPECIFICATIONS AND DETAILS REQUIRED AT JOBSITE: THE CONSTRUCTION CONTRACTOR SHALL MAINTAIN A FULL SET OF THE CONSTRUCTION DRAWINGS, STANDARD CONSTRUCTION DETAILS FOR WIRELESS SITES, AND THE STANDARD CONSTRUCTION SPECIFICATIONS FOR WIRELESS SITES AT THE JOBSITE FROM MOBILIZATION THROUGH CONSTRUCTION COMPLETION.
 - A. THE JOBSITE DRAWINGS, SPECIFICATIONS AND DETAILS SHALL BE CLEARLY MARKED DAILY IN PENCIL WITH ANY CHANGES IN CONSTRUCTION OVER WHAT IS DEPICTED IN THE DOCUMENTS. AT CONSTRUCTION COMPLETION, THIS JOBSITE MARKUP SET SHALL BE DELIVERED TO THE COMPANY OR COMPANY'S DESIGNATED REPRESENTATIVE TO BE FORWARDED TO THE COMPANY'S A&E VENDOR FOR PRODUCTION OF "AS-BUILT" DRAWINGS.
- 1.6 USE OF JOB SITE: THE CONTRACTOR SHALL CONFINE ALL CONSTRUCTION AND RELATED OPERATIONS INCLUDING STAGING AND STORAGE OF MATERIALS AND EQUIPMENT, PARKING, TEMPORARY FACILITIES, AND WASTE STORAGE TO THE LEASE PARCEL UNLESS OTHERWISE PERMITTED BY THE CONTRACT DOCUMENTS.
- 1.7 NOTICE TO PROCEED:
 - A. NO WORK SHALL COMMENCE PRIOR TO COMPANY'S WRITTEN NOTICE TO PROCEED.
 - B. UPON RECEIVING NOTICE TO PROCEED, CONTRACTOR SHALL FULLY PERFORM ALL WORK NECESSARY TO PROVIDE AT&T WITH AN OPERATIONAL WIRELESS FACILITY.

PART 2 – EXECUTION

- 2.1 TEMPORARY UTILITIES AND FACILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY UTILITIES AND FACILITIES NECESSARY EXCEPT AS OTHERWISE INDICATED IN THE CONSTRUCTION DOCUMENTS. TEMPORARY UTILITIES AND FACILITIES INCLUDE, POTABLE WATER, HEAT, HVAC, ELECTRICITY, SANITARY FACILITIES, WASTE DISPOSAL FACILITIES, AND TELEPHONE/COMMUNICATION SERVICES. PROVIDE TEMPORARY UTILITIES AND FACILITIES IN ACCORDANCE WITH OSHA AND THE AUTHORITY HAVING JURISDICTION. CONTRACTOR MAY UTILIZE THE COMPANY ELECTRICAL SERVICE IN THE COMPLETION OF THE WORK WHEN IT BECOMES AVAILABLE. USE OF THE LESSORS OR SITE OWNER'S UTILITIES OR FACILITIES IS EXPRESSLY FORBIDDEN EXCEPT AS OTHERWISE ALLOWED IN THE CONTRACT DOCUMENTS.
- 2.2 ACCESS TO WORK: THE CONTRACTOR SHALL PROVIDE ACCESS TO THE JOB SITE FOR AUTHORIZED COMPANY PERSONNEL AND AUTHORIZED REPRESENTATIVES OF THE ARCHITECT/ENGINEER DURING ALL PHASES OF THE WORK.
- 2.3 TESTING: REQUIREMENTS FOR TESTING BY THIS CONTRACTOR SHALL BE AS INDICATED HERewith, ON THE CONSTRUCTION DRAWINGS, AND IN THE INDIVIDUAL SECTIONS OF THESE SPECIFICATIONS. SHOULD COMPANY CHOOSE TO ENGAGE ANY THIRD-PARTY TO CONDUCT ADDITIONAL TESTING, THE CONTRACTOR SHALL COOPERATE WITH AND PROVIDE A WORK AREA FOR COMPANY'S TEST AGENCY.

- 2.4 COMPANY FURNISHED MATERIAL AND EQUIPMENT: ALL HANDLING, STORAGE AND INSTALLATION OF COMPANY FURNISHED MATERIAL AND EQUIPMENT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
 - A. CONTRACTOR SHALL PROCURE ALL OTHER REQUIRED WORK RELATED MATERIALS NOT PROVIDED BY AT&T TO SUCCESSFULLY CONSTRUCT A WIRELESS FACILITY.
- 2.5 DIMENSIONS: VERIFY DIMENSIONS INDICATED ON DRAWINGS WITH FIELD DIMENSIONS BEFORE FABRICATION OR ORDERING OF MATERIALS. DO NOT SCALE DRAWINGS.
- 2.6 EXISTING CONDITIONS: NOTIFY THE COMPANY REPRESENTATIVE OF EXISTING CONDITIONS DIFFERING FROM THOSE INDICATED ON THE DRAWINGS. DO NOT REMOVE OR ALTER STRUCTURAL COMPONENTS WITHOUT PRIOR WRITTEN APPROVAL FROM THE ARCHITECT AND ENGINEER.

PART 3 – RECEIPT OF MATERIAL & EQUIPMENT

- 3.1 RECEIPT OF MATERIAL AND EQUIPMENT: CONTRACTOR IS RESPONSIBLE FOR AT&T PROVIDED MATERIAL AND EQUIPMENT AND UPON RECEIPT SHALL:
 - A. ACCEPT DELIVERIES AS SHIPPED AND TAKE RECEIPT.
 - B. VERIFY COMPLETENESS AND CONDITION OF ALL DELIVERIES.
 - C. TAKE RESPONSIBILITY FOR EQUIPMENT AND PROVIDE INSURANCE PROTECTION AS REQUIRED IN AGREEMENT.
 - D. RECORD ANY DEFECTS OR DAMAGES AND WITHIN TWENTY-FOUR HOURS AFTER RECEIPT, REPORT TO AT&T OR ITS DESIGNATED PROJECT REPRESENTATIVE OF SUCH.
 - E. PROVIDE SECURE AND NECESSARY WEATHER PROTECTED WAREHOUSING.
 - F. COORDINATE SAFE AND SECURE TRANSPORTATION OF MATERIAL AND EQUIPMENT, DELIVERING AND OFF-LOADING FROM CONTRACTOR'S WAREHOUSE TO SITE.

PART 4 – GENERAL REQUIREMENTS FOR CONSTRUCTION

- 4.1 CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH. AT THE COMPLETION OF THE WORK, CONTRACTOR SHALL REMOVE FROM THE SITE ALL REMAINING RUBBISH, IMPLEMENTS, TEMPORARY FACILITIES, AND SURPLUS MATERIALS.
- 4.2 EQUIPMENT ROOMS SHALL AT ALL TIMES BE MAINTAINED "BROOM CLEAN" AND CLEAR OF DEBRIS.
- 4.3 CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO DISCOVER AND LOCATE ANY HAZARDOUS CONDITION.
 - A. IN THE EVENT CONTRACTOR ENCOUNTERS ANY HAZARDOUS CONDITION WHICH HAS NOT BEEN ABATED OR OTHERWISE MITIGATED, CONTRACTOR AND ALL OTHER PERSONS SHALL IMMEDIATELY STOP WORK IN THE AFFECTED AREA AND NOTIFY COMPANY IN WRITING. THE WORK IN THE AFFECTED AREA SHALL NOT BE RESUMED EXCEPT BY WRITTEN NOTIFICATION BY COMPANY.
 - B. CONTRACTOR AGREES TO USE CARE WHILE ON THE SITE AND SHALL NOT TAKE ANY ACTION THAT WILL OR MAY RESULT IN OR CAUSE THE HAZARDOUS CONDITION TO BE FURTHER RELEASED IN THE ENVIRONMENT, OR TO FURTHER EXPOSE INDIVIDUALS TO THE HAZARD.
- 4.4 CONTRACTOR'S ACTIVITIES SHALL BE RESTRICTED TO THE PROJECT LIMITS. SHOULD AREAS OUTSIDE THE PROJECT LIMITS BE AFFECTED BY CONTRACTOR'S ACTIVITIES, CONTRACTOR SHALL IMMEDIATELY RETURN THEM TO ORIGINAL CONDITION.
- 4.5 CONDUCT TESTING AS REQUIRED HEREIN.

PART 5 – TESTS AND INSPECTIONS

- 5.1 TESTS AND INSPECTIONS:
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION TESTS, INSPECTIONS AND PROJECT DOCUMENTATION.
 - B. CONTRACTOR SHALL COORDINATE TEST AND INSPECTION SCHEDULES WITH COMPANY'S REPRESENTATIVE WHO MUST BE ON SITE TO WITNESS SUCH TESTS AND INSPECTIONS.
 - C. WHEN THE USE OF A THIRD PARTY INDEPENDENT TESTING AGENCY IS REQUIRED, THE AGENCY THAT IS SELECTED MUST PERFORM SUCH WORK ON A REGULAR BASIS IN THE STATE WHERE THE PROJECT IS LOCATED AND HAVE A THOROUGH UNDERSTANDING OF LOCAL AVAILABLE MATERIALS, INCLUDING THE SOIL, ROCK, AND GROUNDWATER CONDITIONS.
 - D. THE THIRD PARTY TESTING AGENCY IS TO BE FAMILIAR WITH THE APPLICABLE REQUIREMENTS FOR THE TESTS TO BE DONE, EQUIPMENT TO BE USED, AND ASSOCIATED HEALTH AND SAFETY ISSUES.
 - E. SITE RESISTANCE TO EARTH TESTING PER EXHIBIT: CELL SITE GROUNDING SYSTEM DESIGN.

- F. ANTENNA AND COAX SWEEP TESTS PER EXHIBIT: ANTENNA TRANSMISSION LINE ACCEPTANCE STANDARDS.
- G. ALL OTHER TESTS REQUIRED BY COMPANY OR JURISDICTION.

PART 6 – TRENCHING AND BACKFILLING

- 6.1 TRENCHING AND BACKFILLING: THE CONTRACTOR SHALL PERFORM ALL EXCAVATION OF EVERY DESCRIPTION AND OF WHATEVER SUBSTANCES ENCOUNTERED, TO THE DEPTHS INDICATED ON THE CONSTRUCTION DRAWINGS OR AS OTHERWISE SPECIFIED.
 - A. PROTECTION OF EXISTING UTILITIES: THE CONTRACTOR SHALL CHECK WITH THE LOCAL UTILITIES AND THE RESPECTIVE UTILITY LOCATOR COMPANIES PRIOR TO STARTING EXCAVATION OPERATIONS IN EACH RESPECTIVE AREA TO ASCERTAIN THE LOCATIONS OF KNOWN UTILITY LINES. THE LOCATIONS, NUMBER AND TYPES OF EXISTING UTILITY LINES DETAILED ON THE CONSTRUCTION DRAWINGS ARE APPROXIMATE AND DO NOT REPRESENT EXACT INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL LINES DAMAGED DURING EXCAVATION AND ALL ASSOCIATED OPERATIONS. ALL UTILITY LINES UNCOVERED DURING THE EXCAVATION OPERATIONS, SHALL BE PROTECTED FROM DAMAGE DURING EXCAVATION AND ASSOCIATED OPERATIONS. ALL REPAIRS SHALL BE APPROVED BY THE UTILITY COMPANY.
 - B. HAND DIGGING: UNLESS APPROVED IN WRITING OTHERWISE, ALL DIGGING WITHIN AN EXISTING CELL SITE COMPOUND IS TO BE DONE BY HAND.
 - C. DURING EXCAVATION, MATERIAL SUITABLE FOR BACKFILLING SHALL BE STOCKPILED IN AN ORDERLY MANNER A SUFFICIENT DISTANCE FROM THE BANKS OF THE TRENCH TO AVOID OVERLOADING AND TO PREVENT SLIDES OR CAVE-INS. ALL EXCAVATED MATERIALS NOT REQUIRED OR SUITABLE FOR BACKFILL SHALL BE REMOVED AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
 - D. GRADING SHALL BE DONE AS MAY BE NECESSARY TO PREVENT SURFACE WATER FROM FLOWING INTO TRENCHES OR OTHER EXCAVATIONS, AND ANY WATER ACCUMULATING THEREIN SHALL BE REMOVED BY PUMPING OR BY OTHER APPROVED METHOD.
 - E. SHEETING AND SHORING SHALL BE DONE AS NECESSARY FOR THE PROTECTION OF THE WORK AND FOR THE SAFETY OF PERSONNEL. UNLESS OTHERWISE INDICATED, EXCAVATION SHALL BE BY OPEN CUT, EXCEPT THAT SHORT SECTIONS OF A TRENCH MAY BE TUNNELED IF, THE CONDUIT CAN BE SAFELY AND PROPERLY INSTALLED AND BACKFILL CAN BE PROPERLY TAMPED IN SUCH TUNNEL SECTIONS. EARTH EXCAVATION SHALL COMPRISE ALL MATERIALS AND SHALL INCLUDE CLAY, SILT, SAND, MUCK, GRAVEL, HARDPAN, LOOSE SHALE, AND LOOSE STONE.
 - F. TRENCHES SHALL BE OF NECESSARY WIDTH FOR THE PROPER LAYING OF THE CONDUIT OR CABLE, AND THE BANKS SHALL BE AS NEARLY VERTICAL AS PRACTICABLE. THE BOTTOM OF THE TRENCHES SHALL BE ACCURATELY GRADED TO PROVIDE UNIFORM BEARING AND SUPPORT FOR EACH SECTION OF THE CONDUIT OR CABLE ON UNDISTURBED SOIL AT EVERY POINT ALONG ITS ENTIRE LENGTH. EXCEPT WHERE ROCK IS ENCOUNTERED, CARE SHALL BE TAKEN NOT TO EXCAVATE BELOW THE DEPTHS INDICATED. WHERE ROCK EXCAVATIONS ARE NECESSARY, THE ROCK SHALL BE EXCAVATED TO A MINIMUM OVER DEPTH OF 6 INCHES BELOW THE TRENCH DEPTHS INDICATED ON THE CONSTRUCTION DRAWINGS OR SPECIFIED. OVER DEPTHS IN THE ROCK EXCAVATION AND UNAUTHORIZED OVER DEPTHS SHALL BE THOROUGHLY BACK FILLED AND TAMPED TO THE APPROPRIATE GRADE. WHENEVER WET OR OTHERWISE UNSTABLE SOIL THAT IS INCAPABLE OF PROPERLY SUPPORTING THE CONDUIT OR CABLE IS ENCOUNTERED IN THE BOTTOM OF THE TRENCH, SUCH SOLID SHALL BE REMOVED TO A MINIMUM OVER DEPTH OF 6 INCHES AND THE TRENCH BACKFILLED TO THE PROPER GRADE WITH EARTH OF OTHER SUITABLE MATERIAL, AS HEREINAFTER SPECIFIED.
 - G. BACKFILLING OF TRENCHES. TRENCHES SHALL NOT BE BACKFILLED UNTIL ALL SPECIFIED TESTS HAVE BEEN PERFORMED AND ACCEPTED. WHERE COMPACTED BACKFILL IS NOT INDICATED THE TRENCHES SHALL BE CAREFULLY BACKFILLED WITH SELECT MATERIAL SUCH AS EXCAVATED SOILS THAT ARE FREE OF ROOTS, SOD, RUBBISH OR STONES, DEPOSITED IN 6 INCH LAYERS AND THOROUGHLY AND CAREFULLY RAMMED UNTIL THE CONDUIT OR CABLE HAS A COVER OF NOT LESS THAN 1 FOOT. THE REMAINDER OF THE BACKFILL MATERIAL SHALL BE GRANULAR IN NATURE AND SHALL NOT CONTAIN ROOTS, SOD, RUBBING, OR STONES OF 2-1/2 INCH MAXIMUM DIMENSION. BACKFILL SHALL BE CAREFULLY PLACED IN THE TRENCH AND IN 1 FOOT LAYERS AND EACH LAYER TAMPED. SETTLING THE BACKFILL WITH WATER WILL BE PERMITTED. THE SURFACE SHALL BE GRADED TO A REASONABLE UNIFORMITY AND THE MOUNDING OVER THE TRENCHES LEFT IN A UNIFORM AND NEAT CONDITION.

SYMBOL	DESCRIPTION
	CIRCUIT BREAKER
	NON-FUSIBLE DISCONNECT SWITCH
	FUSIBLE DISCONNECT SWITCH
	SURFACE MOUNTED PANEL BOARD
	TRANSFORMER
	KILOWATT HOUR METER
	JUNCTION BOX
	PULL BOX TO NEC/TELCO STANDARDS
-----	UNDERGROUND UTILITIES
	EXOTHERMIC WELD CONNECTION
	MECHANICAL CONNECTION
	GROUND ROD
	GROUND ROD WITH INSPECTION SLEEVE
	GROUND BAR
	120AC DUPLEX RECEPTACLE
	GROUND CONDUCTOR
	DC POWER AND FIBER OPTIC TRUNK CABLES
	DC POWER CABLES

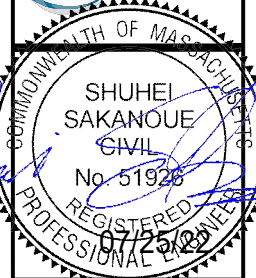
REPRESENTS DETAIL NUMBER
 REF. DRAWING NUMBER

ABBREVIATIONS

CIGBE	COAX ISOLATED GROUND BAR EXTERNAL
MIGB	MASTER ISOLATED GROUND BAR
SST	SELF SUPPORTING TOWER
GPS	GLOBAL POSITIONING SYSTEM
TYP.	TYPICAL
DWG	DRAWING
BCW	BARE COPPER WIRE
BFG	BELOW FINISH GRADE
PVC	POLYVINYL CHLORIDE
CAB	CABINET
C	CONDUIT
SS	STAINLESS STEEL
G	GROUND
AWG	AMERICAN WIRE GAUGE
RGS	RIGID GALVANIZED STEEL
AHJ	AUTHORITY HAVING JURISDICTION
TTLNA	TOWER TOP LOW NOISE AMPLIFIER
UNO	UNLESS NOTED OTHERWISE
EMT	ELECTRICAL METALLIC TUBING
AGL	ABOVE GROUND LEVEL

INFINIGY

1033 Watervliet Shaker Rd
Albany, NY 12206
Office # (518) 690-0790
Fax # (518) 690-0793



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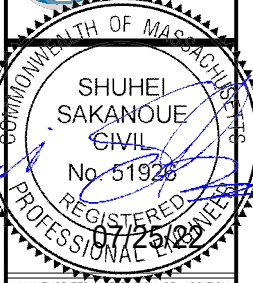
Prepared For:

smartlink

Drawing Scale: AS NOTED	CD
Date: 03/03/22	

Drawing Title
GENERAL NOTES

Drawing Number
C1



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Checked: AD Date: 03/03/22
Project Number: 499-006

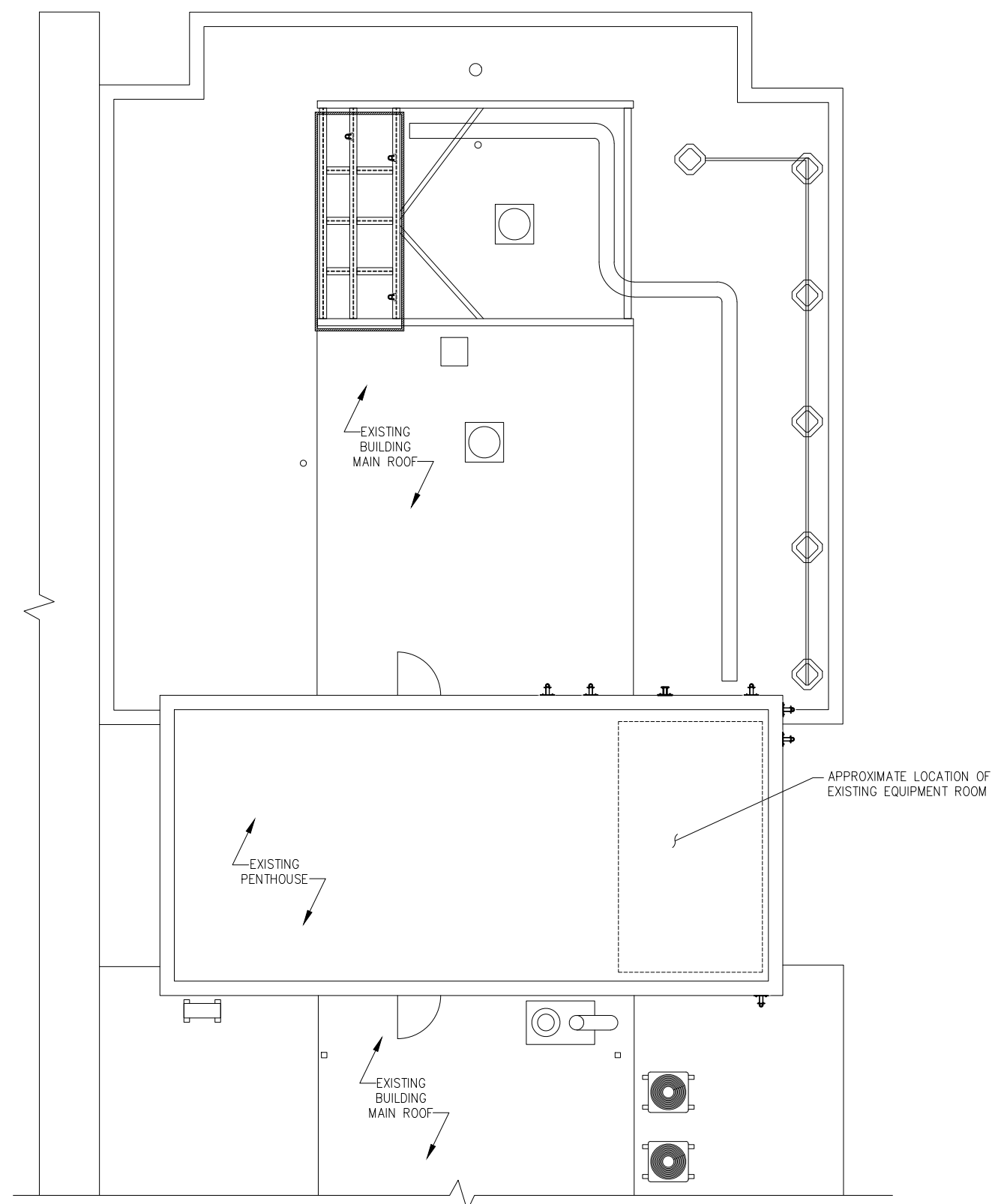
Project Title:
BOSTON CASTLE SQUARE
MAL02892
FA# 10546859
484 TREMONT STREET
BOSTON, MA 02116



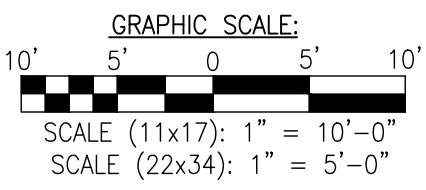
Drawing Scale: AS NOTED
Date: 03/03/22
CD

Drawing Title:
OVERALL & ENLARGED SITE PLAN

Drawing Number:
C2



1 OVERALL COMPOUND PLAN
SCALE: AS NOTED



EXISTING AT&T RRUS-4426 B66 TO REMAIN (TYP. OF (2) TOTAL, FOR ALPHA & BETA SECTORS)

EXISTING AT&T RRUS-4478 B14 TO REMAIN (TYP. OF (2) TOTAL, FOR ALPHA & BETA SECTORS)

EXISTING AT&T RRUS-4449 B5/B12 TO REMAIN (TYP. OF (2) TOTAL, FOR ALPHA & BETA SECTORS)

EXISTING AT&T RRUS-32 B2 TO REMAIN (TYP. OF (2) TOTAL, FOR ALPHA & BETA SECTORS)

EXISTING AIR CONDITIONING #2

EXISTING AIR CONDITIONING #1

EXISTING AT&T FIF RACK

- PROPOSED EQUIPMENT TO BE INSTALLED IN EXISTING FIF RACK:**
- ADD BB6648 AND XCEDE CABLE
 - ADD XMU
 - ADD (5) RECTIFIERS

FINAL BBU CONFIG: (1) 5216, (2) XMU, (1) 6630 WITH IDLE, (1) 6648 WITH XCEDE

EXISTING 200 AMP PANLE

EXISTING PANEL DISCONNECT

EXISTING CABLE PORTS/WALL PENETRATIONS

EXISTING CEILING MOUNTED CABLE TRAY FROM EQUIPMENT TO CABLE PORTS
(12) (E) 1-1/4" COAX
(6) 18-PAIR FIBER CABLES
(12) 10AWG DC CABLES

EXISTING AT&T RRUS-11 B5 TO BE REMOVED (TYP. OF (2) TOTAL, FOR ALPHA & BETA SECTORS)

EXISTING AT&T RRUS-32 B30 TO REMAIN (TYP. OF (2) TOTAL, FOR ALPHA & BETA SECTORS)

EXISTING INFINITY DC POWER PLANT

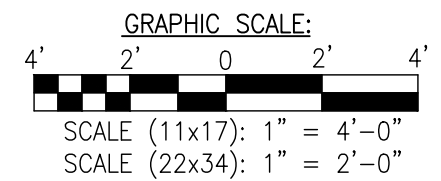
EXISTING BATTERY BACK-UP RACK

EXISTING FIBER STORAGE BOX

EXISTING AT&T DC6 'SQUID' (TYP. OF (4) TOTAL, FOR ALPHA & BETA SECTORS)

EXISTING TELCO BOARD

2 ENLARGED EQUIPMENT PLAN
SCALE: AS NOTED

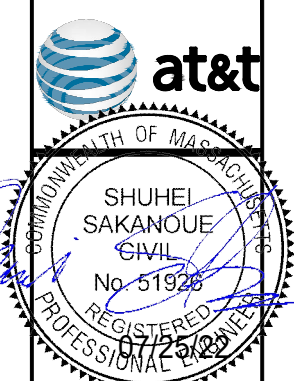


BASEMAPPING PREPARED FROM A SITE WALK PERFORMED BY INFINIGY ENGINEERING ON 09/13/17 AND PROVIDED INFORMATION, AND DOES NOT REPRESENT AN ACTUAL FIELD SURVEY.

NOTE:
SEE MOUNT ANALYSIS LETTER COMPLETED BY INFINIGY, DATED 03/23/22 FOR ADDITIONAL STRUCTURAL INFORMATION.

NOTE:
SEE STRUCTURAL EVALUATION LETTER COMPLETED BY INFINIGY, DATED 03/11/22 FOR ADDITIONAL STRUCTURAL INFORMATION.

INFINIGY
1033 Watervliet Shaker Rd
Albany, NY 12205
Office # (518) 690-0790
Fax # (518) 690-0793



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FA# 10546859
484 TREMONT STREET
BOSTON, MA 02116



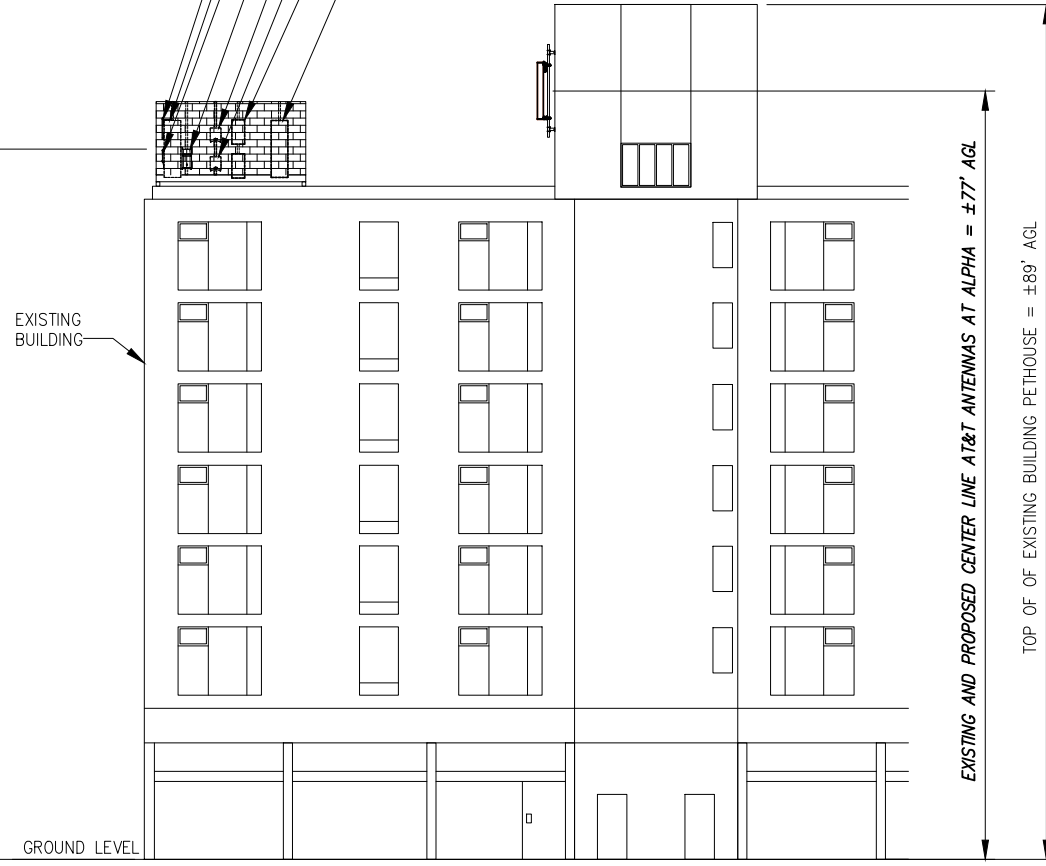
Drawing Scale: AS NOTED
Date: 03/03/22
Drawing Title: **ELEVATION VIEW**
Drawing Number: **C3**

- EXISTING AT&T RRUS-32 B2 TO REMAIN (TYP. OF (1) TOTAL, FOR GAMMA SECTOR)
- EXISTING AT&T (CCI - DMP65R-BU8DA) ANTENNA TO REMAIN (TYP. OF (1) PER SECTOR, (3) SECTORS TOTAL)
- EXISTING AT&T RRUS-4449 B5/B12 TO REMAIN (TYP. OF (1) TOTAL, FOR GAMMA SECTOR)
- EXISTING AT&T RRUS-32 B30 TO REMAIN (TYP. OF (1) TOTAL, FOR GAMMA SECTOR)
- RELOCATED EXISTING AT&T RRUS-4478 B14 (TYP. OF (1) PER SECTOR (3) SECTORS TOTAL)
- RELOCATED EXISTING AT&T RRUS-4426 B66 (TYP. OF (1) PER SECTOR (3) SECTORS TOTAL)
- PROPOSED AT&T (ERICSSON - AIR6419 B77G+AIR6449 B77D STACKED) ANTENNA (TYP. OF (2) PER SECTOR, (3) SECTORS TOTAL)
- PROPOSED AT&T (CCI - TPA65R-BU6DA-K) ANTENNA (TYP. OF (1) PER SECTOR, (3) SECTORS TOTAL)

FINAL ANTENNA CONFIGURATION & CABLE SCHEDULE BASED ON V4 FINAL RFDS DATED 05/03/22

SECTOR	ANTENNA POSITION	ANTENNA STATUS & TECHNOLOGY	ANTENNA MANF./MODEL	TMA/DIPLEXER	RRUS	AZIMUTH	ANTENNA C. HEIGHT	CABLE FEEDER		RAYCAP UNIT
								TYPE	LENGTH	
ALPHA	A-1	(P) LTE 700/AWS/WCS/ 5G AWS	CCI TPA65R-BU6DA-K	--	(1) RRUS-4478 B14 (1) RRUS-4426 B66 (1) RRUS-32 B2	30°	±77'	(1) (E) FIBER LINES (2) (E) DC CABLES	±120'	(6) (E) 'SQUID'
	A-2	--	--	--	--	--	--	--	--	
	A-3	(P) 5G DOD/5G CBAND	ERICSSON AIR6419 B77G+AIR6449 B77D STACKED	--	--	30°	±77'	SEE A-4 FOR CABLE INFORMATION	--	
	A-4	(E) LTE 700/1900/5G 850/1900	CCI DMP65R-BU6DA	--	(1) RRUS-32 B30 (1) RRUS-4449 B5/B12	30°	±77'	(1) (E) FIBER LINES (2) (E) DC CABLES (1) (P) Y CABLE	±120'	
BETA	B-1	(P) LTE 700/AWS/WCS/ 5G AWS	CCI TPA65R-BU8DA-K	--	(1) RRUS-4478 B14 (1) RRUS-4426 B66 (1) RRUS-32 B2	150°	±81'	(1) (E) FIBER LINES (2) (E) DC CABLES	±120'	
	B-2	--	--	--	--	--	--	--	--	
	B-3	(P) 5G DOD/5G CBAND	ERICSSON AIR6419 B77G+AIR6449 B77D STACKED	--	--	150°	±81'	SEE B-4 FOR CABLE INFORMATION	--	
	B-4	(E) LTE 700/1900/5G 850/1900	CCI DMP65R-BU8DA	--	(1) RRUS-32 B30 (1) RRUS-4449 B5/B12	150°	±81'	(1) (E) FIBER LINES (2) (E) DC CABLES (1) (P) Y CABLE	±120'	
GAMMA	G-1	(P) LTE 700/AWS/WCS/ 5G AWS	CCI TPA65R-BU6DA-K	--	(1) RRUS-4478 B14 (1) RRUS-4426 B66 (1) RRUS-32 B2	270°	±74'	(1) (E) FIBER LINES (2) (E) DC CABLES	±120'	
	G-2	--	--	--	--	--	--	--	--	
	G-3	(P) 5G DOD/5G CBAND	ERICSSON AIR6419 B77G+AIR6449 B77D STACKED	--	--	270°	±74'	SEE C-4 FOR CABLE INFORMATION	--	
	G-4	(E) LTE 700/1900/5G 850/1900	CCI DMP65R-BU6DA	--	(1) RRUS-32 B30 (1) RRUS-4449 B5/B12	270°	±74'	(1) (E) FIBER LINES (2) (E) DC CABLES (1) (P) Y CABLE	±120'	

EXISTING AND PROPOSED CENTER LINE AT&T ANTENNAS (GAMMA SECTOR) = ±74' AGL

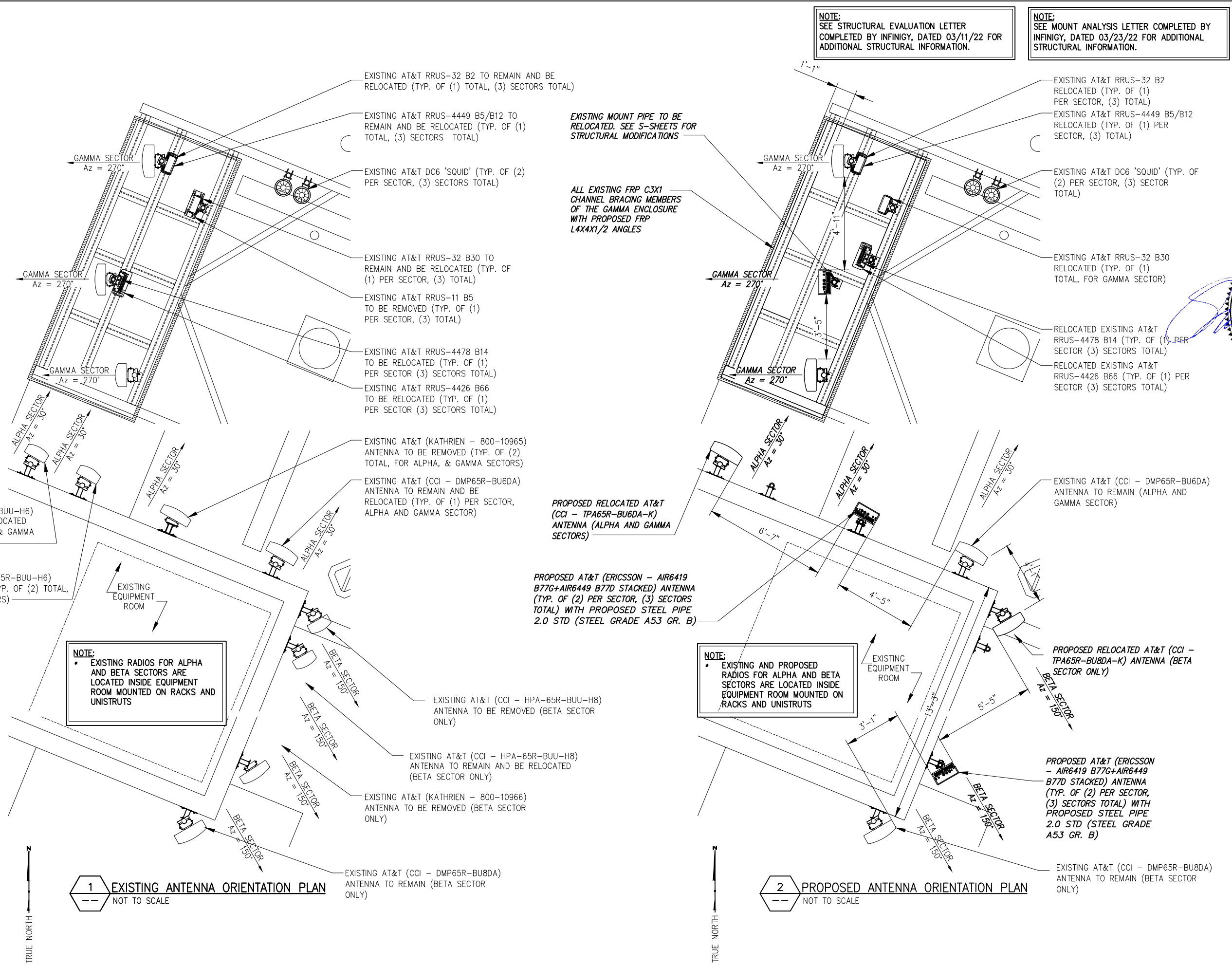


EXISTING AND PROPOSED CENTER LINE AT&T ANTENNAS AT ALPHA = ±77' AGL

TOP OF OF EXISTING BUILDING PETHOUSE = ±89' AGL

1 ELEVATION VIEW
NOT TO SCALE

2 AT&T ANTENNA SCHEDULE
NOT TO SCALE



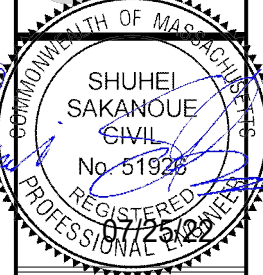
1 EXISTING ANTENNA ORIENTATION PLAN
NOT TO SCALE

2 PROPOSED ANTENNA ORIENTATION PLAN
NOT TO SCALE

NOTE:
SEE STRUCTURAL EVALUATION LETTER COMPLETED BY INFINIGY, DATED 03/11/22 FOR ADDITIONAL STRUCTURAL INFORMATION.

NOTE:
SEE MOUNT ANALYSIS LETTER COMPLETED BY INFINIGY, DATED 03/23/22 FOR ADDITIONAL STRUCTURAL INFORMATION.

INFINIGY
1033 Watervliet Shaker Rd
Albany, NY 12206
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Fax # (518) 690-0793



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Drawn:	RGD	Date:	03/03/22
Designed:	ASW	Date:	03/03/22
Checked:	AJD	Date:	03/03/22
Project Number: 499-006			

Project Title:
BOSTON CASTLE SQUARE
MAL02892
FA# 10546859
484 TREMONT STREET
BOSTON, MA 02116

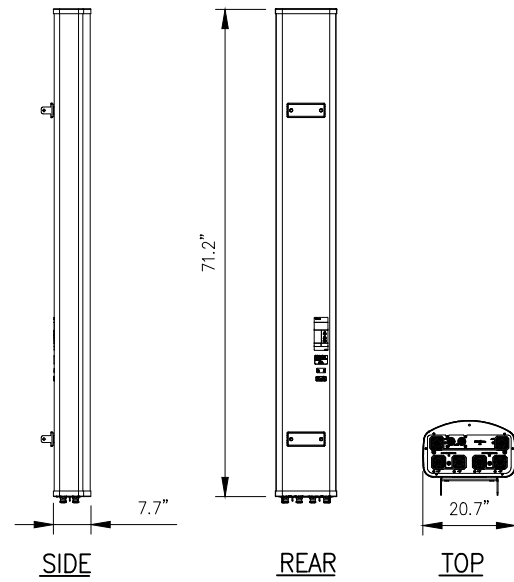


Drawing Scale:
AS NOTED
Date:
03/03/22

CD

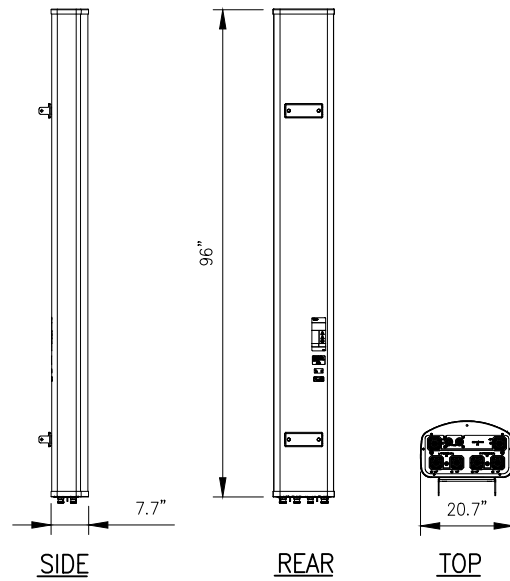
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ANTENNA ORIENTATION PLAN

Drawing Number:
C4



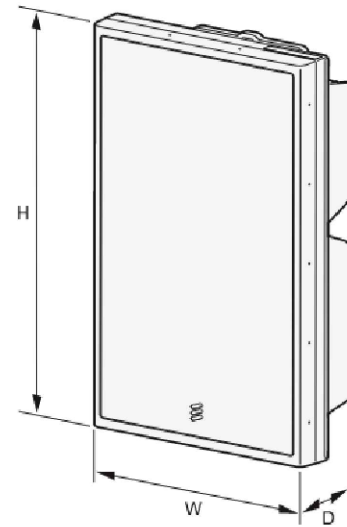
CCI MODEL NO.:	TPA65R-BU6DA-K
RADOME MATERIAL:	FIBERGLASS, UV RESISTANT
RADOME COLOR:	LIGHT GRAY
DIMENSIONS, HxWxD:	71.2.0"x20.7"x7.7"
WEIGHT, W/ PRE-MOUNTED BRACKETS:	69.0 LBS
CONNECTOR:	7-16 DIN FEMALE

1 ANTENNA DETAIL
-- NOT TO SCALE



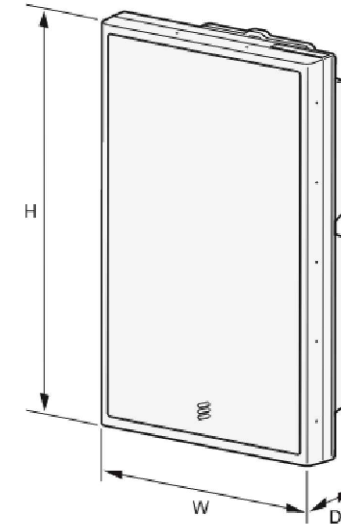
CCI MODEL NO.:	TPA65R-BU8DA-K
RADOME MATERIAL:	FIBERGLASS, UV RESISTANT
RADOME COLOR:	LIGHT GRAY
DIMENSIONS, HxWxD:	96"x20.7"x7.7"
WEIGHT, W/ PRE-MOUNTED BRACKETS:	87.1 LBS
CONNECTOR:	7-16 DIN FEMALE

4 ANTENNA DETAIL
-- NOT TO SCALE



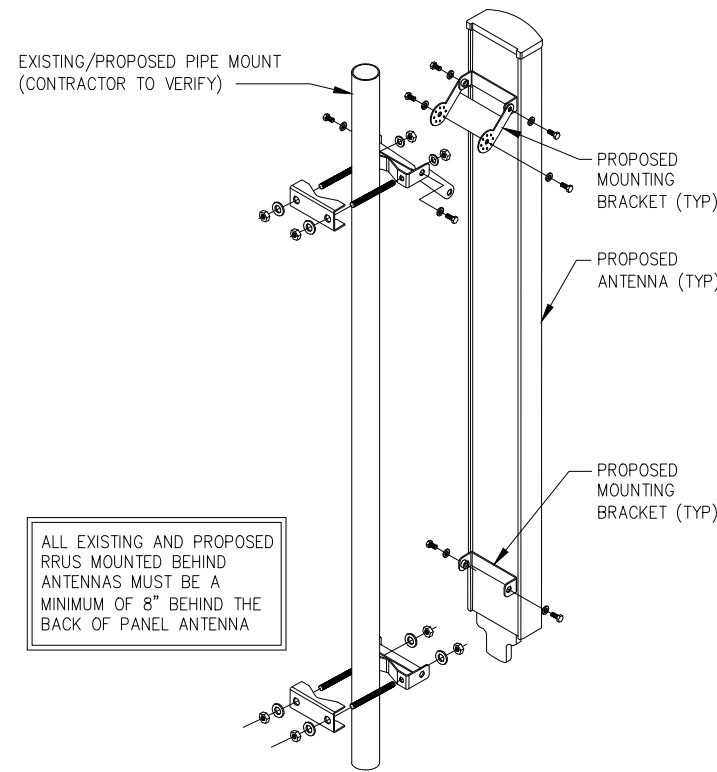
ERICSSON MODEL NO.:	AIR6419 B77G
RADOME COLOR:	LIGHT GRAY
DIMENSIONS, HxWxD:	30.4"x15.9"x8.1"
WEIGHT, W/ PRE-MOUNTED BRACKETS:	81.6 LBS
CONNECTOR:	7-16 DIN FEMALE

2 ANTENNA DETAIL
-- NOT TO SCALE

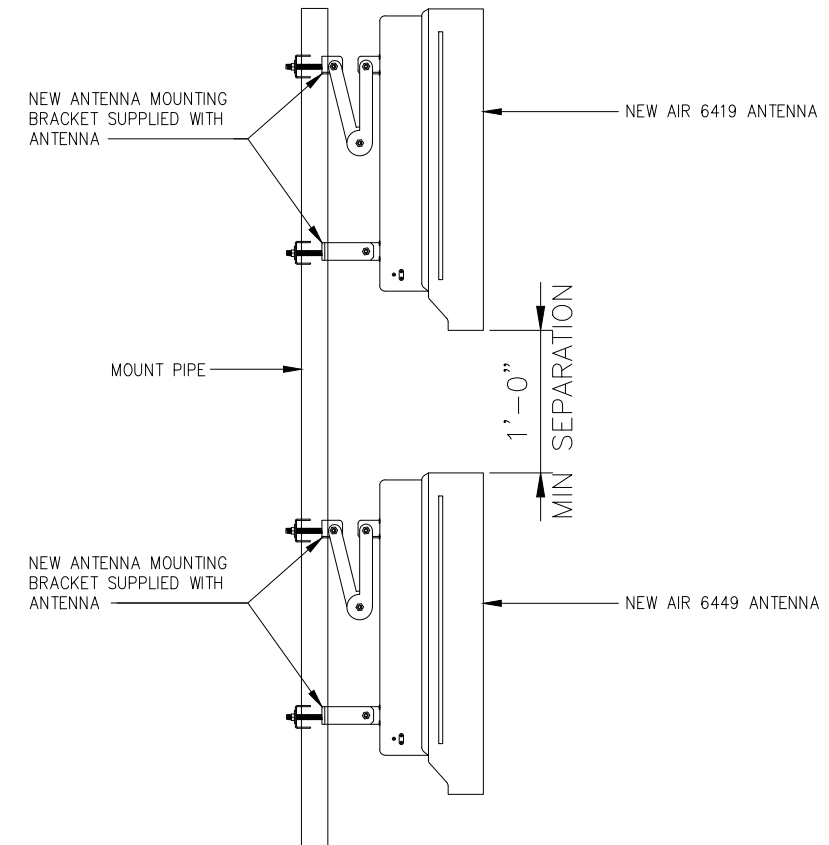


ERICSSON MODEL NO.:	AIR6449 B77D
RADOME COLOR:	LIGHT GRAY
DIMENSIONS, HxWxD:	30.4"x15.9"x8.1"
WEIGHT, W/ PRE-MOUNTED BRACKETS:	81.6 LBS
CONNECTOR:	7-16 DIN FEMALE

3 ANTENNA DETAIL
-- NOT TO SCALE



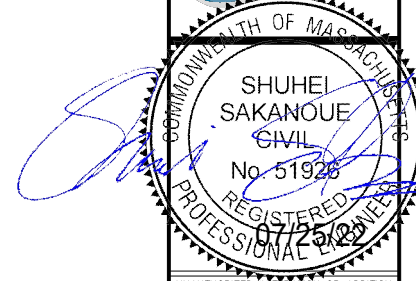
5 ANTENNA MOUNTING DETAIL
-- NOT TO SCALE



6 STACKED ANTENNA DETAIL
-- NOT TO SCALE

INFINIGY

1033 Watervliet Shaker Rd
Albany, NY 12205
Office # (518) 690-0790
Fax # (518) 690-0793



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Designed:	ASW	Date:	03/03/22
Checked:	AD	Date:	03/03/22

Project Number:
499-006

Project Title:
BOSTON CASTLE SQUARE MAL02892 FA# 10546859
484 TREMONT STREET BOSTON, MA 02116



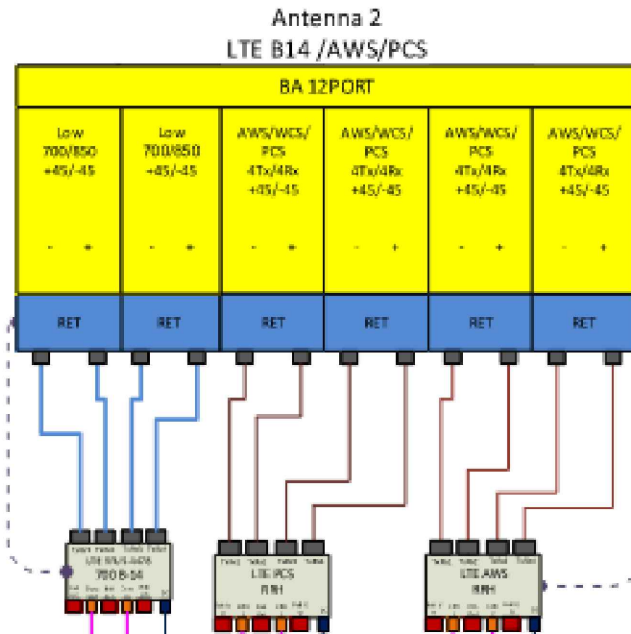
Drawing Scale:
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Date:
03/03/22

Drawing Title:
EQUIPMENT DETAILS

Drawing Number:
C5

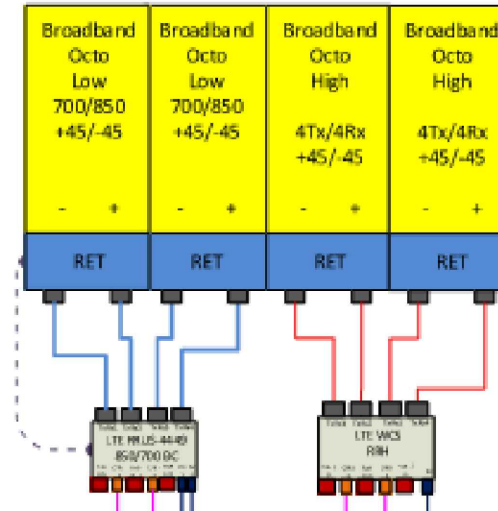
ANTENNA POSITION 1
EMPTY



Antenna 3
DoD + Cband



Antenna 4
LTE 700 BC / 850 / WCS



Fiber/DC Demarcation Box (Squid)

2 Squid per sector

Fiber/DC-1 Demarcation Box (Squid)

(Y-Cable)

- 3 Feet Minimum Separation between ALL Antennas
- 6 Feet Minimum Separation between 700BC & 700 DE
- 12" Vertical Separation between DoD and C Band Antenna.
- Use "Y Cable" for Dual Band RRHs

DC Plant



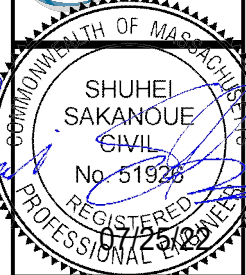
IDLe

Xcede

ALPHA/BETA/GAMMA

1 PLUMBING DIAGRAM (FINAL CONFIGURATION)
NOT TO SCALE

INFINIGY
1033 Watervliet Shaker Rd
Albany, NY 12205
Office # (518) 690-0790
Fax # (518) 690-0793



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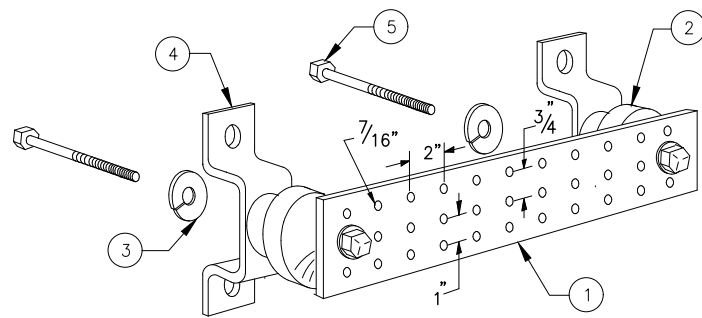


Drawing Scale: AS NOTED
Date: 03/03/22
CD

Drawing Title:
PLUMBING DIAGRAM

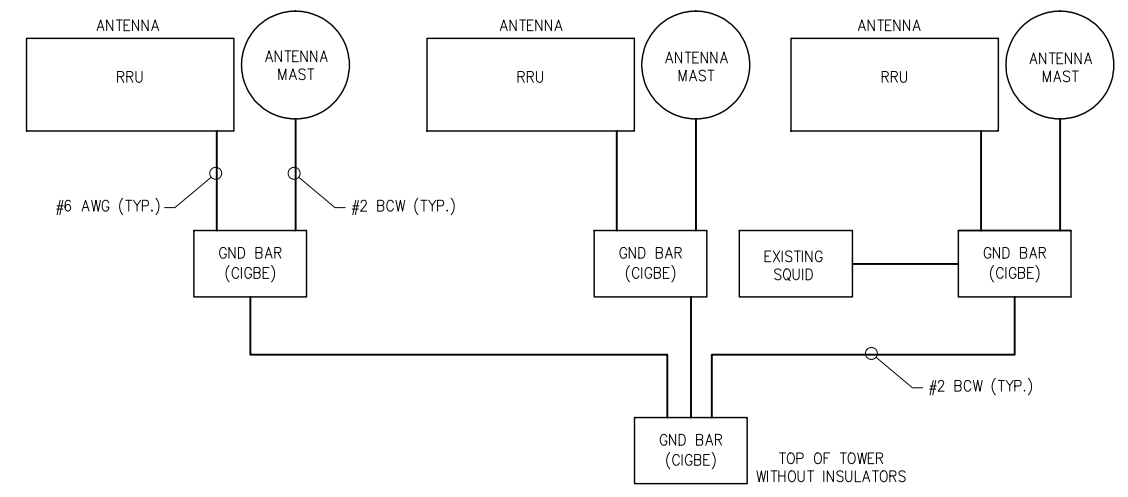
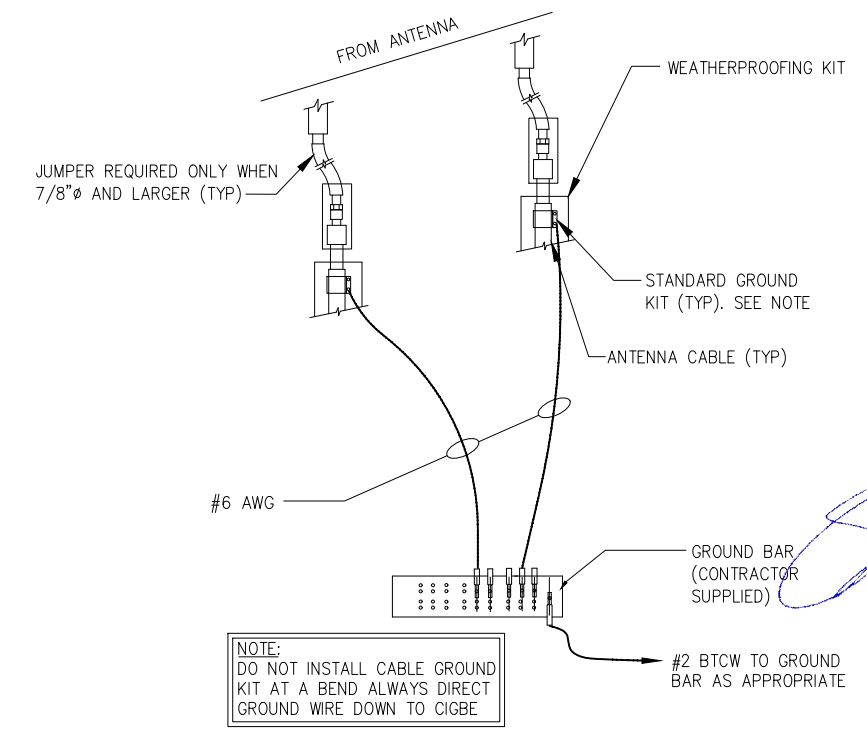
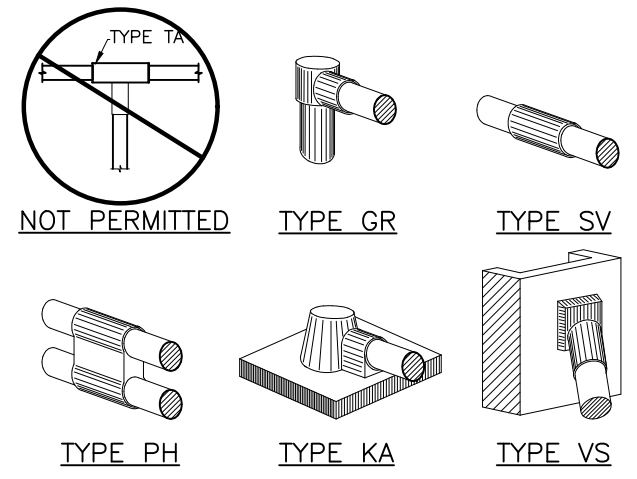
Drawing Number:
C6

*BASED ON LTE RFDS,
DATED 05/03/2022, V4.00

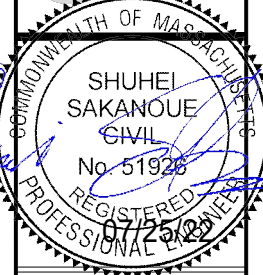


LEGEND

- 1 - SOLID TINNED COPPER GROUND BAR, 1/4"x 4"x 20" MIN., NEWTON INSTRUMENT CO. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION
- 2 - INSULATORS, NEWTON INSTRUMENT CAT. NO. 3061-4
- 3 - 5/8" LOCKWASHERS, NEWTON INSTRUMENT CO. CAT. NO. 3015-8
- 4 - WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO. CAT NO. A-6056
- 5 - 5/8-11 X 1" H.H.C.S. BOLTS, NEWTON INSTRUMENT CO. CAT NO. 3012-1
- 6 - GROUND BAR SHALL BE SIZED TO ACCOMODATE ALL GROUNDING CONNECTIONS REQUIRED PLUS PROVIDE 50% SPARE CAPACITY
- 7 - GROUND BARS SHALL NEITHER BE FIELD FABRICATED NOR NEW HOLES DRILLED
- 8 - GROUND LUGS SHALL MATCH THE HOLE SPACING ON THE BAR
- 9 - HARDWARE DIAMETER SHALL BE MINIMUM 3/8"



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 FA# 10546859
 484 TREMONT STREET
 BOSTON, MA 02116



Drawing Scale:
 AS NOTED
 Date:
 03/03/22

CD

Drawing Title
GROUNDING DETAILS

Drawing Number
C7

Photo Location Map



**Boston-Castle Square
MAL02892
484 TREMONT STREET
BOSTON, MA 02116**



AT&T Mobility
550 Cochituate Road
Framingham, MA 01701

Photo Location



AT&T antennas



885 Woodstock Road, Suite 430-309
Roswell, Georgia 30075
Phone: 770-617-2958

PROJECT DESCRIPTION

This visual impact study is provided by photograph simulations which were created from data collected by photographs on site. Visual impacts will be affected by location and visibility of observer. This document is for planning and information purposes only and is purely conceptual. This is solely the photographer's interpretation of the proposed development.

Photo Simulation

Boston-Castle Square

Boston-Castle Square
MA02892
484 TREMONT STREET
BOSTON, MA 02116



AT&T Mobility
550 Cochituate Road
Framingham, MA 01701

1



885 Woodstock Road, Suite 430-309
Roswell, Georgia 30075
Phone: 770-617-2958



Existing



Proposed

Photo Simulation

Boston-Castle Square

Boston-Castle Square
MAL02892
484 TREMONT STREET
BOSTON, MA 02116



AT&T Mobility
550 Cochituate Road
Framingham, MA 01701

2



885 Woodstock Road, Suite 430-309
Roswell, Georgia 30075
Phone: 770-617-2958



Existing



Proposed

Photo Simulation

Boston-Castle Square

Boston-Castle Square
MAL02892
484 TREMONT STREET
BOSTON, MA 02116



AT&T Mobility
550 Cochituate Road
Framingham, MA 01701

3



885 Woodstock Road, Suite 430-309
Roswell, Georgia 30075
Phone: 770-617-2958



Existing



Proposed

Photo Simulation

Boston-Castle Square

Boston-Castle Square
MAL02892
484 TREMONT STREET
BOSTON, MA 02116



AT&T Mobility
550 Cochituate Road
Framingham, MA 01701

4



885 Woodstock Road, Suite 430-309
Roswell, Georgia 30075
Phone: 770-617-2958



Existing



Proposed

INFINIGY

June 1, 2022

RE: AT&T-SMARTLINK-MAL02892 – Structural Evaluation Letter

AT&T Mobility Site Name:	Boston-Castle Square
AT&T Mobility Site Number:	MAL02892
AT&T Mobility FA Number:	10546859
Infinigy Job Number:	1106-A0001-B
Site Address:	484 Tremont Street, Boston, MA 02116
Building Code:	MA State Building Code 9yh Edition
Design Standard:	ASCE 7-10
Result:	Sufficient
Note:	The existing building is adequate to support the proposed loading.

Infinigy has evaluated the above referenced structure to determine its ability to support the proposed and existing telecommunication appurtenances. The radios, antennas and mounts are installed over the roof of the building penthouse. AT&T plans to replace (8) existing antennas with (9) new antennas, and remove (3) radios. This evaluation is based on a review of the information from the provided AT&T RFDS (dated May 3, 2022) and the construction drawing provided (dated May 18, 2022).



Existing canister and antennas

Per Sections 807.4 and 807.5 of the 2015 International Existing Building Code, additions and alterations to the parent building that do not exceed the lateral and gravity design loading by 10% and 5%, respectively, can be considered acceptable and adequate. By observation, we believe the AT&T equipment and mounts are within the thresholds of these provisions and that further structural investigations are not necessary.

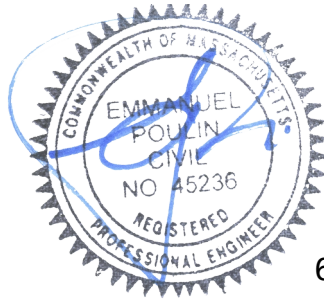
AZ CA CO FL GA IL MD NC NH NJ NY TX WA

Consequently, Infinigy Engineering considers this building is adequate to support AT&T's proposed equipment loading.

This evaluation assumes that all structural members are in good condition, have not been altered from the manufacturer's original design, and have been installed per the manufacturer's requirements. This evaluation assumed that the existing structure is adequate to support the original loads per the designer. Infinigy has not reviewed the original design documents. Prior to installation of any new appurtenances, the contractor shall inspect the condition of all relevant members and connections and shall tighten all connections. The contractor is responsible for the means and the methods of construction and shall notify Infinigy immediately if any field conditions differ from those listed above. This letter is not a construction document.

Should there be any questions, please do not hesitate to contact us (949) 338-6143.

Sincerely,



6/1/22

Emmanuel Poulin, PE
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