

From: Tristen Cantelli <tcantelli@clinellc.com>
Sent: Tuesday, March 21, 2023 7:38 AM
To: CSC-DL Siting Council <Siting.Council@ct.gov>
Cc: Mike Anderson <manderson@clinellc.com>; Jill Stewart <jstewart@clinellc.com>
Subject: RE: 1000 Trumbull Ave (EM-CING-015-220330)

Good morning,

The work has been completed at this site. Here is the final affidavit from the engineer.

Thanks,
Tristen



Tristen Cantelli | Closeout Manager
95 Ryan Drive, Suite 1
Raynham, MA 02767
Cell: 781-351-1293 | Fax: 617-249-0819
tcantelli@clinellc.com | www.centerlinecommunications.com

From: Tristen Spear
Sent: Monday, January 16, 2023 8:12 AM
To: CSC-DL Siting Council <siting.council@ct.gov>
Cc: Mike Anderson <manderson@clinellc.com>
Subject: 1000 Trumbull Ave (EM-CING-015-220330)

Good morning,

We will be starting construction at this site on 1/30/23.

Thanks,
Tristen



Tristen Spear | Project Coordinator
95 Ryan Drive, Suite 1
Raynham, MA 02767
Cell: 781-351-1293 | Fax: 617-249-0819
tspear@clinellc.com | www.centerlinecommunications.com

March 23, 2023

Building Department
City of Bridgeport
45 Lyon Terrace, Room 222
Bridgeport, CT 06604

Construction Closeout Letter

ATC Site Name: Tartaglia
ATC Asset#: 383598
AT&T Site#: CTLO5093
Site Address: 1320 Chopsey Hill Road
Bridgeport, CT 06606

To Whom It May Concern:

In accordance with the requirements of the 2018 Connecticut State Building Code, Dewberry Engineers Inc. (Dewberry) reviewed the completed installation at the above location based on Rev-4 Construction Drawings dated 11/30/22. A structural analysis report dated 12/02/21 and a mount analysis report dated 06/29/22 were completed by American Tower Corporation.

Please see the attached reports and documentation for the completed site.

- March 23, 2023 – Contractor Report
- November 30, 2022 – Rev4 Construction Drawings
- September 21, 2022 –Statement of Special Inspections

Based on visual observations, it appears that the project is constructed in general conformance with the applicable plans and specifications. If you have any questions, please do not hesitate to contact Dewberry Engineers Inc.

Sincerely,
Dewberry Engineers Inc.

Benjamin Revette, P.E
Associate Vice President



Statement of Special Inspections

Contractor Report #1

Attn: Mr. Blake Paynter
Project Manager
American Tower Corporation
10 Presidential Way
Woburn, MA 01801

ATC Site Name:	Tartaglia
ATC Site#/Project#:	383598 / 13682699
Site Address:	1320 Chopsey Hill Road Bridgeport, CT 06606
Contractor:	Centerline Communications, LLC

Dewberry Engineers Inc. (Dewberry) has reviewed the photos and as-built drawings provided by the general contractor of the recently completed site improvements at the aforementioned location. The site review was performed based on Rev-4 Construction Drawings dated 11/30/22. A structural analysis report dated 12/02/21 and a mount analysis report dated 06/29/22 were completed by American Tower Corporation.

The following are on-site photos from the inspection:

- Figure 1: View of installed alpha sector antennas and RRUs on new sector frame
- Figure 2: View of installed beta sector antennas and RRUs on new sector frame
- Figure 3: View of installed gamma sector antennas and RRUs on new sector frame
- Figure 4: View of installed RBS 6601(s) in equipment shelter
- Figure 5: View of installed fiber and DC trunks in entry port
- Figure 6: View of installed fiber and DC trunks in ice bridge

All notes and items in this field report are a record of observations provided by the photos. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, the figures and photos of construction and items observed.

Prepared By: _____



Joseph Mazzeo
Engineer

Contractor Photos:



Figure 1: View of installed alpha sector antennas and RRUs on new sector frame



Figure 2: View of installed beta sector antennas and RRUs on new sector frame



Figure 3: View of installed gamma sector antennas and RRUs on new sector frame

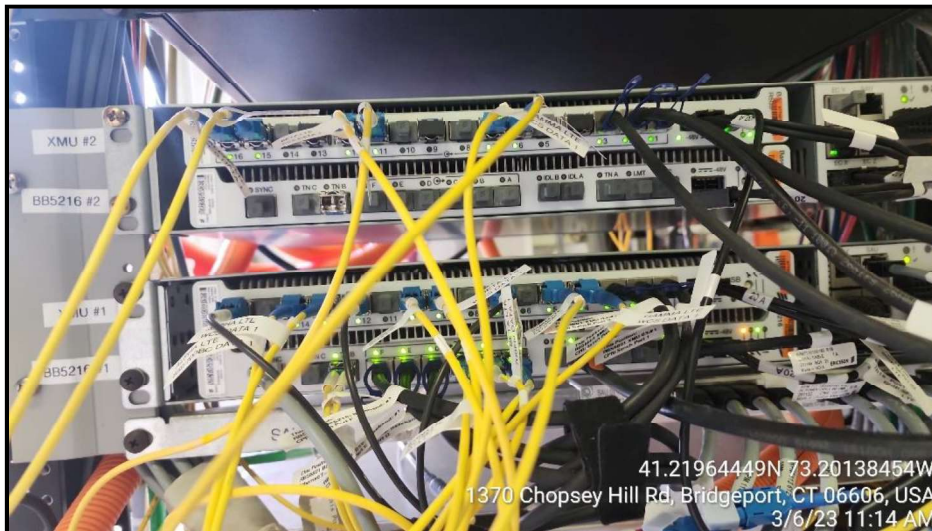
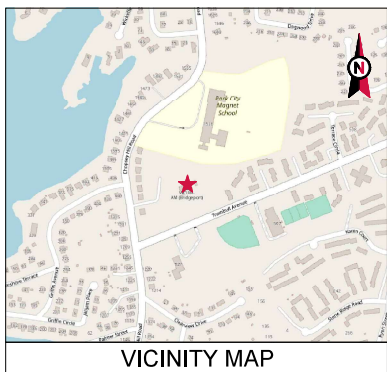


Figure 4: View of installed RBS 6601(s) in equipment shelter



AMERICAN TOWER®

ATC SITE NAME: TARTAGLIA
 ATC SITE NUMBER: 383598
 AT&T PACE NUMBERS: MRCTB051619, MRCTB051560,
 MRCTB052311

AT&T SITE ID: CTL05093
 AT&T FA CODE:10070948
 AT&T SITE NAME: BRIDGEPORT BEARDSLEY
 SITE ADDRESS: 1320 CHOPSEY HILL ROAD
 BRIDGEPORT, CT 06606



**AT&T 5G NR C-BAND | BBU RECONFIGURATION
 AMENDMENT PLAN**

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION	SHEET INDEX																																																																
<p>ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:</p> <ol style="list-style-type: none"> 2018 CONNECTICUT STATE BUILDING CODE-AMENDMENTS TO IBC 2015 INTERNATIONAL BUILDING CODE 2015, INTERNATIONAL CODE COUNCIL TA-2230-4, STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, AMERICAN SOCIETY OF CIVIL ENGINEERS STEEL CONSTRUCTION MANUAL, 14TH EDITION, AMERICAN INSTITUTE OF STEEL CONSTRUCTION CITY/COUNTY ORDINANCES 	<p><u>SITE ADDRESS:</u> 1320 CHOPSEY HILL ROAD BRIDGEPORT, CT 06606 COUNTY: FAIRFIELD</p> <p><u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 41.21959076 LONGITUDE: -73.20129723 GROUND ELEVATION: 212' AMSL</p>	<p>THE PROPOSED PROJECT INCLUDES MODIFYING GROUND-BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:</p> <p><u>TOWER WORK:</u> REMOVE (3) SECTOR FRAMES, (12) ANTENNA(S), (3) RRUS(S), (1) DC-6 SQUID, (1) 15-PAIR FIBER TRUNK(S) AND (3) TMA(S)</p> <p>INSTALL (3) VFA-14-WLL-30120 SECTOR FRAMES, (12) ANTENNA(S), (1) DC-6 SQUID(S), (3) RRUS(S), (3) Y-CABLE(S), (1) 6AWG DC TRUNK(S) AND (1) 24-PAIR FIBER TRUNK(S)</p> <p>EXISTING (12) RRUS(S), (2) DC-6 SQUID(S), (3) FIBER AND (7) DC TRUNK(S) TO REMAIN</p> <p><u>GROUND WORK:</u> REMOVE (6) DIPLEXER(S), (6) TRIPLEXER(S) AND DECOM UMTS</p> <p>INSTALL (1) 6830 W/ XCEDE CABLE</p> <p>EXISTING (3) RRUS(S) TO REMAIN</p>	<table border="1"> <thead> <tr> <th>SHEET NO.</th> <th>DESCRIPTION</th> <th>REV.</th> <th>DATE</th> <th>BY:</th> </tr> </thead> <tbody> <tr> <td>G-001</td> <td>TITLE SHEET</td> <td>4</td> <td>11/30/22</td> <td>VL</td> </tr> <tr> <td>G-002</td> <td>GENERAL NOTES</td> <td>4</td> <td>11/30/22</td> <td>VL</td> </tr> <tr> <td>C-101</td> <td>DETAILED SITE PLAN</td> <td>4</td> <td>11/30/22</td> <td>VL</td> </tr> <tr> <td>C-201</td> <td>TOWER ELEVATION</td> <td>4</td> <td>11/30/22</td> <td>VL</td> </tr> <tr> <td>C-401</td> <td>RF SCHEDULE AND ANTENNA INSTALLATION</td> <td>4</td> <td>11/30/22</td> <td>VL</td> </tr> <tr> <td>C-501</td> <td>CONSTRUCTION DETAILS</td> <td>4</td> <td>11/30/22</td> <td>VL</td> </tr> <tr> <td>E-501</td> <td>GROUNDING DETAILS</td> <td>4</td> <td>11/30/22</td> <td>VL</td> </tr> <tr> <td>R-601</td> <td>SUPPLEMENTAL</td> <td></td> <td></td> <td></td> </tr> <tr> <td>R-602</td> <td>SUPPLEMENTAL</td> <td></td> <td></td> <td></td> </tr> <tr> <td>R-603</td> <td>SUPPLEMENTAL</td> <td></td> <td></td> <td></td> </tr> <tr> <td>R-604</td> <td>SUPPLEMENTAL</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	SHEET NO.	DESCRIPTION	REV.	DATE	BY:	G-001	TITLE SHEET	4	11/30/22	VL	G-002	GENERAL NOTES	4	11/30/22	VL	C-101	DETAILED SITE PLAN	4	11/30/22	VL	C-201	TOWER ELEVATION	4	11/30/22	VL	C-401	RF SCHEDULE AND ANTENNA INSTALLATION	4	11/30/22	VL	C-501	CONSTRUCTION DETAILS	4	11/30/22	VL	E-501	GROUNDING DETAILS	4	11/30/22	VL	R-601	SUPPLEMENTAL				R-602	SUPPLEMENTAL				R-603	SUPPLEMENTAL				R-604	SUPPLEMENTAL				<p>PROJECT NOTES</p> <ol style="list-style-type: none"> THE FACILITY IS UNMANNED. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. HANDICAP ACCESS IS NOT REQUIRED. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1453(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7). 		<p>PROJECT LOCATION DIRECTIONS</p> <p>FROM I-95 TAKE EXIT 38 TOWARD CT-15/MERRITT PKWY/W CROSS PKWY. MERGE ONTO MILFORD PKWY. MERGE ONTO MERRITT PARKWAY/CT-15 VIA EXIT 38 ON THE LEFT TOWARD WY CITY. MERGE ONTO CT-8 S VIA EXIT 52 TOWARD BRIDGEPORT. TAKE THE CT-127/WHITE PLAINS ROAD EXIT. EXIT 7. TURN SLIGHT LEFT ONTO OLD TOWN RD. OLD TOWN RD BECOMES TRUMBULL AVE. TURN RIGHT ONTO CHOPSEY HILL RD. 1336 CHOPSEY HILL RD. BRIDGEPORT, CT 06606-0422. 1336 CHOPSEY HILL RD IS ON THE RIGHT, DRIVE BETWEEN HOUSES TO TOWER SITE.</p>	
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<p>UTILITY COMPANIES</p> <p>POWER COMPANY: UNITED ILLUMINATING COMPANY PHONE: 800.722.5584</p> <p>TELEPHONE COMPANY: UNKNOWN PHONE: (824) 332-XXXX</p>	<p>PROJECT TEAM</p> <p><u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801</p> <p><u>ENGINEER:</u> DEWBERRY ENGINEERS INC. 99 SUMMER STREET SUITE 700 BOSTON, MA 02110 PHONE: 617.695.3400 FAX: 617.695.3310</p> <p><u>PROPERTY OWNER:</u> GLOBAL TOWER ASSETS LLC, 1000 TRUMBULL AVENUE BRIDGEPORT CT 06606</p>	<p><u>APPLICANT:</u> AT&T MOBILITY 550 COCHITUATE ROAD SUITES 13 & 14 FRAMINGHAM, MA 01701</p>																																																																	

Dewberry®
 Dewberry Engineers Inc.
 99 SUMMER STREET
 SUITE 700
 BOSTON, MA 02110
 PHONE: 617.531.2400
 FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
△	PRELIM	MR	12/14/21
△	FINAL	VL	07/07/22
△	FINAL	VL	07/20/22
△	FINAL	VL	08/24/22
△	FINAL	VL	11/03/22
△	FINAL	VL	11/30/22

ATC SITE NUMBER: 383598

ATC SITE NAME: TARTAGLIA

AT&T MOBILITY SITE NAME: BRIDGEPORT BEARDSLEY

SITE ADDRESS: 1320 CHOPSEY HILL ROAD
 BRIDGEPORT, CT 06606

DATE DRAWN: 12/09/21
 ATC JOB NO: 1362599L033
 CUSTOMER ID: CTL05093
 CUSTOMER #: 10070948

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	4



GENERAL CONSTRUCTION NOTES:

- OWNER FURNISHED MATERIALS, AT&T "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL.
 - ITS EQUIPMENT FRAME (PLATFORM) AND REEBRODE SHELTER (GROUND BUILD) LOCATE ONLY.
 - ACETYLENE INTERFACE BOX (PIC)
 - ICE BRIDGE (CABLE TRAY WITH COVER), (GROUND BUILD) LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION.
 - TOWERS, MONOPOLES
 - TOWER LIGHTING
 - GENERATORS & LIQUID PROPANE TANK
 - ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
 - ANTENNAS INSTALLED BY OTHERS
 - TRANSMISSION LINE
 - TRANSMISSION LINE JUMPERS
 - TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KIT'S
 - TRANSMISSION LINE GROUND KITS
 - HAVERS
 - HOISTING GRIPS
 - ITS EQUIPMENT
- THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRING, COPPER-CLAD OR ZINC CHEMICAL GROUND RODS, BUSH BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CASINGS, PADS AND/OR RUBBER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIALS AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF AT&T TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
- ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/IEEE 68-2002, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
- CONTRACTOR SHALL CONTACT LOCAL 911 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
- ALL DEVIATIONS TO, OR AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
- DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
- DETAILS SHOWN ARE TYPICAL. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
- CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC., BEFORE COMMENCING WORK.
- INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE AT&T REP PRIOR TO REINSTALL OR CORRECTIVE ACTION. ANY SUCH REINSTALL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE AT&T REP PRIOR TO PROCEEDING.
- EACH CONTRACTOR SHALL COOPERATE WITH THE AT&T REP AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
- CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE AT&T CONSTRUCTION MANAGER.
- ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
- WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE AT&T REP AND ENGINEER OF RECORD IMMEDIATELY.
- CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
- CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
- CONTRACTOR SHALL FURNISH AT&T AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
- PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH AT&T REP TO DETERMINE WHAT IF ANY ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
- PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH AT&T REP TO

- DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR, ALL REQUIRED PERMITS NOT OBTAINED BY AT&T MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
- CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH AT&T SPECIFICATIONS AND REQUIREMENTS.
 - CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO AT&T FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
 - ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO AT&T SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
 - THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
 - CONTRACTOR SHALL NOTIFY AT&T REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PIPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPPING, BARRIERS, ETC.
 - IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
 - AT&T FURNISHED EQUIPMENT SHALL BE PICKED UP AT THE AT&T WAREHOUSE NO LATER THAN 48 HOURS AFTER BEING NOTIFIED IN WRITING. STORED UPRIGHT, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
 - AT&T OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION, AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO AT&T OR THEIR ARCHITECT/ENGINEER.

STRUCTURAL STEEL NOTES:


- STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- STRUCTURAL STEEL ROLLED SHAPES, PLATES AND BARS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:
 - ASTM A472, GRADE 58 - ALL W SHAPES, UNLESS NOTED OR A992 OTHERWISE
 - ASTM A36 - ALL OTHER ROLLED SHAPES, PLATES AND BARS UNLESS NOTED OTHERWISE.
 - ASTM A500, GRADE B - HSS SECTION (SQUARE, RECTANGULAR, AND ROUND)
 - ASTM A409, TYPE 50 OR N - ALL BOLTS FOR CONNECTING STRUCTURAL MEMBERS
 - ASTM A-1554 07 - ALL ANCHOR BOLTS, UNLESS NOTED OTHERWISE
- ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A153. EXPOSED STEEL HARDWARE AND ANCHOR BOLTS SHALL BE GALVANIZED PER ASTM A153 OR 8665.
- ALL FIELD CUT SURFACES, FIELD DRILLED HOLES AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (2) BRUSHED COATS OF ZINC GALVANITE COLD GALVANIZING COMPOUND PER ASTM A170 AND MANUFACTURER'S RECOMMENDATIONS.
- DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
- CONNECTIONS:
 - ALL WELDS TO BE PERFORMED BY AWS CERTIFIED WELDERS AND CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS WELDING CODE D11.
 - ALL WELDS SHALL BE INSPECTED VISUALLY. 2% OF WELDS SHALL BE

- INSPECTED WITH DYE PENETRANT OR MAGNETIC PARTICLE TO MEET THE ACCEPTANCE CRITERIA OF AWS D11. REPAIR ALL WELDS AS NECESSARY.
- INSPECTION SHALL BE PERFORMED BY AN AWS CERTIFIED WELD INSPECTOR.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE BURNING/WELDING PERMITS AS REQUIRED BY LOCAL GOVERNING AUTHORITY AND IF REQUIRED SHALL HAVE FIRE DEPARTMENT DETAIL FOR ANY WELDING ACTIVITY.
- ALL ELECTRODES TO BE LOW HYDROGEN, MATCHING FILLER METAL, PER AWS D11, UNLESS NOTED OTHERWISE.
- MINIMUM WELD SIZE TO BE 0.1875 INCH FILLET WELDS, UNLESS NOTED OTHERWISE.
- PRIOR TO FIELD WELDING GALVANIZING MATERIAL, CONTRACTOR SHALL GRIND OFF GALVANIZING TO BEYOND ALL FIELD WELD SURFACES, AFTER WELD AND WELD INSPECTION IS COMPLETE. REPAIR ALL GROUND AND WELDED SURFACES WITH 2% GALVANITE COLD GALVANIZING COMPOUND PER ASTM A76 AND MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE REQUIRED DURING CONSTRUCTION UNTIL ALL CONNECTIONS ARE COMPLETE.
- ANY FIELD CHANGES OR SUBSTITUTIONS SHALL HAVE PRIOR APPROVAL FROM THE ENGINEER, AND A MOBILE PROJECT MANAGER IN WRITING.


SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

- WORK INCLUDED:
 - ANTENNA AND COAXIAL CABLES ARE FURNISHED BY AT&T UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL.
 - INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND AT&T SPECIFICATIONS.
 - INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.
 - INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE AND PROVIDE PRINTOUT OF THAT TEST.
 - CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANHITZ-PACKARD 8710B HF SCALAR NETWORK ANALYZER, SUMMIT FREQUENCY DOMAIN REFLECTOMETER FOR TESTS. RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS MINIMUM FIELD TESTING RECOMMENDATION FOR ANTENNA AND HEAR CONTROL CABLE SYSTEMS. DATED 10/04. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE SOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.
 - INSTALL COAXIAL CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
 - ANTENNA AND COAXIAL CABLE GROUNDING
 - ALL EXTERIOR OR GREEN GROUND WIRE "DABBY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT R21213 OR EQUAL.
 - ALL COAXIAL CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL CABLE (NOT WITHIN BENDS).

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.



American Tower



Dewberry
Dewberry Engineers Inc.

98 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617,531,2400
FAX: 617,695,3310

REV.	DESCRIPTION	BY	DATE
△	PRELIM	MR.	12/14/21
△	FINAL	VA.	07/07/22
△	FINAL	VA.	07/20/22
△	FINAL	VA.	08/24/22
△	FINAL	VA.	11/03/22
△	FINAL	VA.	11/30/22


ATC SITE NUMBER
383598


ATC SITE NAME
TARTAGLIA

AT&T MOBILITY SITE NAME
BRIDGEPORT BEARDSLEY

SITE ADDRESS
1320 CHOPSEY HILL ROAD
BRIDGEPORT, CT 06609

SEAL:

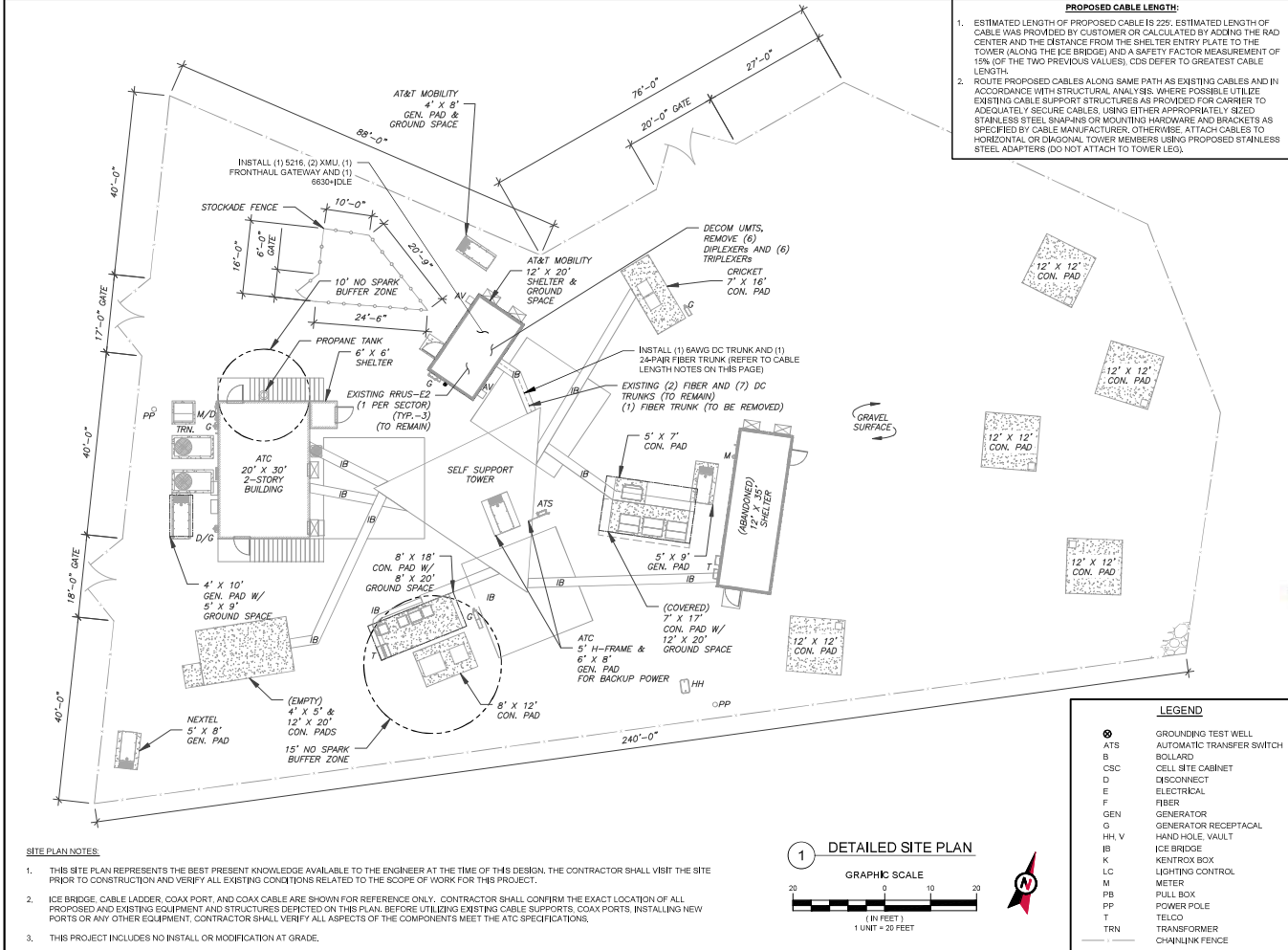




AT&T

DATE DRAWN:	12/09/21
ATC JOB NO.:	1382598L03
CUSTOMER ID:	CT105993
CUSTOMER #:	10076948

GENERAL NOTES	
SHEET NUMBER: G-002	REVISION: 4



AMERICAN TOWER

Dewberry
 Dewberry Engineers Inc.
 98 SUMMER STREET
 SUITE 700
 BOSTON, MA 02110
 PHONE: 617.531.2400
 FAX: 617.695.3310

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▲	PRELIM	MR.	12/14/21
▲	FINAL	VA.	07/07/22
▲	FINAL	VA.	07/20/22
▲	FINAL	VA.	08/24/22
▲	FINAL	VA.	11/03/22
▲	FINAL	VA.	11/30/22

ATC SITE NUMBER: 383598
 ATC SITE NAME: TARTAGLIA
 AT&T MOBILITY SITE NAME: BRIDGEPORT BEARDSLEY
 SITE ADDRESS: 1320 CHOPSEY HILL ROAD, BRIDGEPORT, CT 06609

SEAL: [Professional Engineer Seal]

AT&T

DATE DRAWN: 12/09/21	
ATC JOB NO: 1382589LQ3	
CUSTOMER ID: CTL05693	
CUSTOMER #: 10070948	

DETAILED SITE PLAN

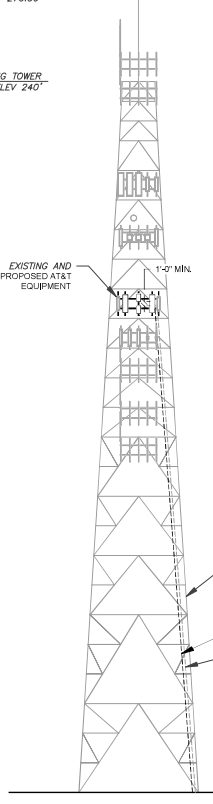
SHEET NUMBER: C-101	REVISION: 4
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TOP OF EXISTING
HIGHEST APPURTENANCE
ELEV. 270.06'

TOP OF EXISTING TOWER
ELEV. 240'

1 2
C-201 C-202
EXISTING AND
PROPOSED AT&T
EQUIPMENT



- EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV. 254'
- EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV. 244'
- EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV. 243'
- EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV. 205.3'

- EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV. 193.9'
- EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV. 187.4'

- EXISTING AT&T
RAD CENTER @ 185'
- EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV. 153.3'
- EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV. 150'
- EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV. 136'
- EXISTING CARRIER ANTENNAS
RAD CENTER @ ELEV. 124'

- EXISTING TOWER
- INSTALL (1) 6AWG DC TRUNK AND (1) 24-PAIR FIBER TRUNK
- EXISTING (2) FIBER AND (7) DC TRUNKS (TO REMAIN)
(1) FIBER TRUNK (TO BE REMOVED)

EXISTING TOP
OF BASE PLATE

1 TOWER ELEVATION
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY AMERICAN TOWER CORPORATION, DATED 06/28/22. THE EXISTING MOUNT CAN NOT ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT REPLACEMENT PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.

- TOWER NOTE:**
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
 2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT AND/OR OTHER LOCAL REQUIREMENTS.
 3. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS, WHERE POSSIBLE UTILIZE EXISTING CABLE SUPPORT STRUCTURES AS PROVIDED FOR CARRIER TO ADEQUATELY SECURE CABLES, USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAPINS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER, OTHERWISE, ATTACH CABLES TO HORIZONTAL OR DIAGONAL TOWER MEMBERS USING PROPOSED STAINLESS STEEL ADAPTERS (DO NOT ATTACH TO TOWER LEG).
 4. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.).
 5. TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.



Dewberry
Dewberry Engineers Inc.
98 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.2400
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
▲	PRELIM	MR.	12/14/21
▲	FINAL	VA.	07/07/22
▲	FINAL	VA.	07/20/22
▲	FINAL	VA.	08/24/22
▲	FINAL	VA.	11/03/22
▲	FINAL	VA.	11/30/22

ATC SITE NUMBER
383598
ATC SITE NAME
TARTAGLIA
AT&T MOBILITY SITE NAME
BRIDGEPORT BEARDSLEY
SITE ADDRESS
1320 CHOPSEY HILL ROAD
BRIDGEPORT, CT 06606



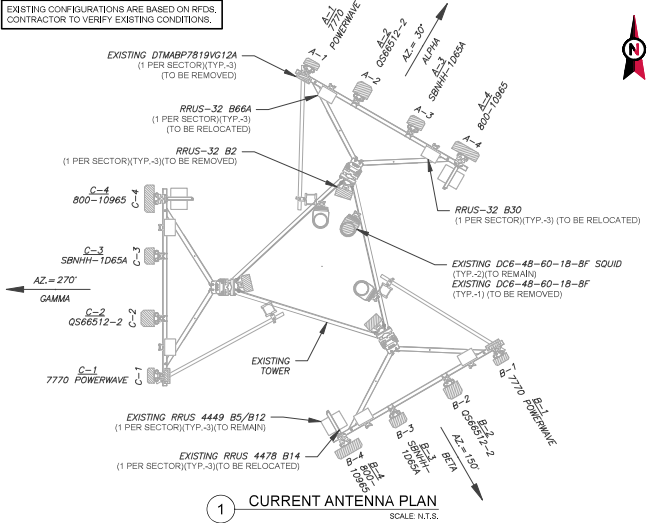
DATE DRAWN: 12/09/21
ATC JOB NO.: 13625896_L33
CUSTOMER ID: CT105093
CUSTOMER #: 10070948

TOWER ELEVATION

SHEET NUMBER: C-201	REVISION: 4
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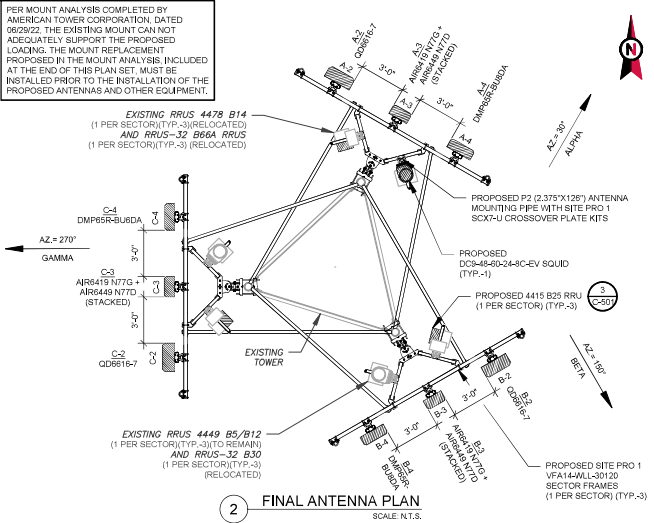
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EXISTING CONFIGURATIONS ARE BASED ON RFDS. CONTRACTOR TO VERIFY EXISTING CONDITIONS.



1 CURRENT ANTENNA PLAN
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY AMERICAN TOWER CORPORATION, DATED 06/29/22, THE EXISTING MOUNT CAN NOT ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT REPLACEMENT PROPOSED IN THE MOUNT ANALYSIS INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



2 FINAL ANTENNA PLAN
SCALE: N.T.S.

SECTOR	RAD	AZ	EXISTING ANTENNA SCHEDULE				NON ANTENNA SCHEDULE			
			ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS	
ALPHA	165°	30°	A1	7770 POWERWAVE	UMTS 850	RMV	DTMBP7819VG12A	RMV		
			A2	OS66512-2	LTE 700/1900	RMV	RRUS-32 B2	RMV		
			A3	SBNHH-1D65A	LTE 700/WCS	RMV	RRUS 4478 B14	REL		
			A4	800-10965	LTE 700/850/AWS/5G 850	RMV	RRUS-32 B30	REL		
BETA	165°	150°	B1	7770 POWERWAVE	UMTS 850	RMV	RRUS-32 B66A	REL		
			B2	OS66512-2	LTE 700/1900	RMV	RRUS-32 B2	RMV		
			B3	SBNHH-1D65A	LTE 700/WCS	RMV	RRUS-32 B30	REL		
			B4	800-10965	LTE 700/850/AWS/5G 850	RMV	RRUS 4449 B5/B12	RMN		
GAMMA	265°	270°	C1	7770 POWERWAVE	UMTS 850	RMV	RRUS-32 B66A	REL		
			C2	OS66512-2	LTE 700/1900	RMV	RRUS-32 B2	RMV		
			C3	SBNHH-1D65A	LTE 700/WCS	RMV	RRUS 4478 B14	REL		
			C4	800-10965	LTE 700/850/AWS/5G 850	RMV	RRUS-32 B30	REL		

NOTES
 1. CONFIRM WITH AT&T REP FOR APPLICABLE UPDATE RESERVATIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG).
 2. GC TO CAP ALL UNUSED PORTS. CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CLIMBING PEGS.
 3. THE ANTENNA ORIENTATION PLAN IS A SCHEMATIC. ATC DID NOT CONFIRM EXISTING SITE CONDITIONS INCLUDING, BUT NOT LIMITED TO, ANTENNA AZIMUTHS, MOUNT CONFIGURATIONS AND TOWER ORIENTATION. SCALES SHOWN ARE FOR REFERENCE ONLY AND EXISTING DIMENSIONS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO INSTALLATION AND NOTIFY ATC OF ANY DISCREPANCIES.
 4. CONTRACTOR TO ENSURE PROPER SEPARATION IN ACCORDANCE WITH AT&T'S FIRSTNET REQUIREMENTS (SEE SHEET 6000).
 STATUS ABBREVIATIONS
 RMV: TO BE REMOVED
 REL: TO BE RELOCATED
 ADD: TO BE ADDED

CABLE LENGTHS FOR JUMPERS
 JUNCTION BOX TO RRU: 15'
 RRU TO ANTENNA: 10'

EXISTING FIBER DISTRIBUTION/SQUID			EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	DC	FIBER	STATUS
(2) DC6-48-60-18-BF	RMN	-	(7) DC	(2) FIBER	RMN
(1) DC6-48-60-18-BF	RMV	-	-	(1) 18-PAIR	RMV

3 EQUIPMENT SCHEDULES

SECTOR	RAD	AZ	FINAL ANTENNA SCHEDULE				NON ANTENNA SCHEDULE			
			ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS	
ALPHA	165°	30°	A2	OD6616-7	LTE 700/PCS/AWS	ADD	4478 B14 RRU	REL		
			A3	ARR6419 N77G	5G C BAND	ADD	4415 B25 RRU	ADD		
			A4	DMP65R-BU5DA	LTE 700/WCS/5G 850	ADD	RRUS-32 B66A	REL		
			B2	OD6616-7	LTE 700/PCS/AWS	ADD	RRUS-32 B30	REL		
BETA	165°	150°	B3	ARR6419 N77G	5G C BAND	ADD	4478 B14 RRU	REL		
			B4	DMP65R-BU5DA	LTE 700/WCS/5G 850	ADD	4415 B25 RRU	ADD		
			B1	ARR6419 N77G	5G C BAND	ADD	RRUS-32 B66A	REL		
			B4	DMP65R-BU5DA	LTE 700/WCS/5G 850	ADD	RRUS-32 B30	REL		
GAMMA	165°	270°	C2	OD6616-7	LTE 700/PCS/AWS	ADD	4478 B14 RRU	REL		
			C3	ARR6419 N77G	5G C BAND	ADD	4415 B25 RRU	ADD		
			C4	DMP65R-BU5DA	LTE 700/WCS/5G 850	ADD	RRUS-32 B66A	REL		
			C4	DMP65R-BU5DA	LTE 700/WCS/5G 850	ADD	RRUS-32 B30	REL		

FINAL FIBER DISTRIBUTION/SQUID			FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	DC	FIBER	STATUS
(2) DC6-48-60-18-BF	RMN	-	(7) DC	(2) FIBER	RMN
(1) DC6-48-60-18-BF	ADD	-	(1) 6AWG	(1) 24-PAIR	ADD

4

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 Dewberry Engineers Inc.
 98 SUMMER STREET
 BOSTON, MA 02110
 PHONE: 617,531,2400
 FAX: 617,695,3310

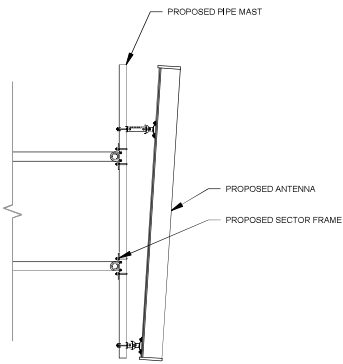
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▲	FINAL	VA.	07/07/22
▲	FINAL	VA.	07/29/22
▲	FINAL	VA.	08/24/22
▲	FINAL	VA.	11/03/22
▲	FINAL	VA.	11/30/22

ATC SITE NUMBER: 383598
 ATC SITE NAME: TARTAGLIA
 AT&T MOBILITY SITE NAME: BRIDGEPORT BEARDSLEY
 SITE ADDRESS: 1320 CHOPSEY HILL ROAD, BRIDGEPORT, CT 06609

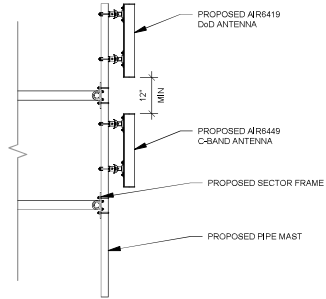
DATE DRAWN: 12/09/21
 ATC JOB NO.: 1362599L033
 CUSTOMER ID: CT105993
 CUSTOMER #: 10076948

RF SCHEDULE AND ANTENNA INSTALLATION

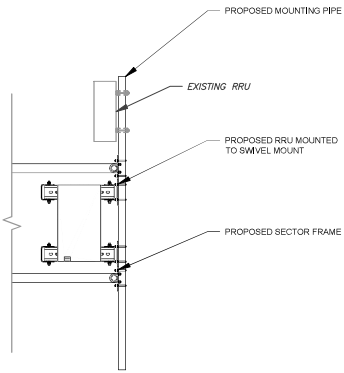
SHEET NUMBER	REVISION
C-401	4



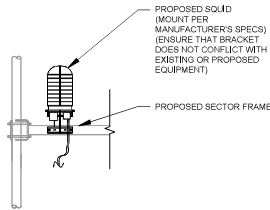
1 ANTENNA DETAIL
SCALE: N.T.S.



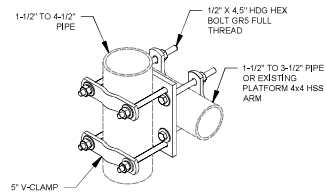
2 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.




3 PROPOSED RRU MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.




4 PROPOSED SQUID MOUNTING
SCALE: N.T.S.



5 SITE PRO SCX7-U DETAIL
SCALE: N.T.S.



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Dewberry
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617,531,2400
FAX: 617,695,3310

REV.	DESCRIPTION	BY	DATE
△	PRELIM	MR.	12/14/21
△	FINAL	VA.	07/07/22
△	FINAL	VA.	07/20/22
△	FINAL	VA.	08/24/22
△	FINAL	VA.	11/03/22
△	FINAL	VA.	11/30/22


ATC SITE NUMBER
383598


ATC SITE NAME
TARTAGLIA

AT&T MOBILITY SITE NAME
BRIDGEPORT BEARDSLEY

SITE ADDRESS:
1320 CHOPSEY HILL ROAD
BRIDGEPORT, CT 06606

SEAL:



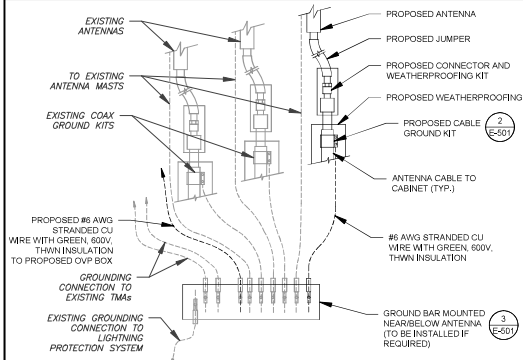


DATE DRAWN: 12/09/21
ATC JOB NO: 13662599LQ3
CUSTOMER ID: CTL05693
CUSTOMER #: 10076948

CONSTRUCTION DETAILS

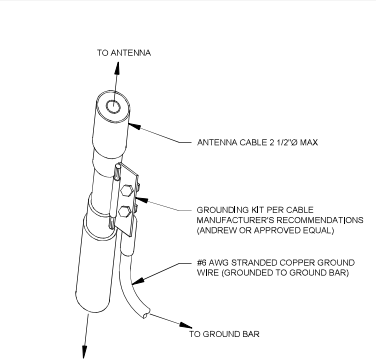
SHEET NUMBER: C-501	REVISION: 4
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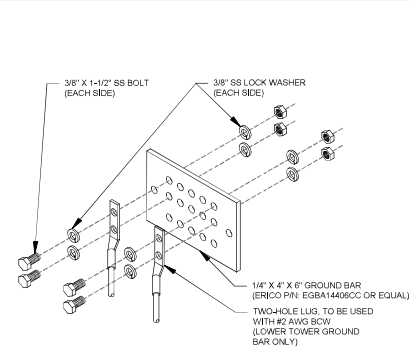
- NOTES:**
1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
 2. SITE GROUNDING SHALL COMPLY WITH AT&T GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH AT&T GROUNDING CHECKLIST, LATEST VERSION, WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.



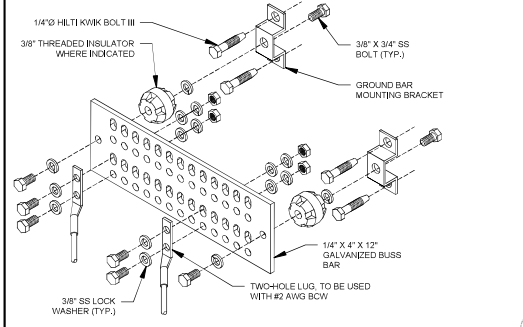
- GROUND KIT NOTES:**
1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
 2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL TAPE PER MANUFACTURER'S SPECIFICATIONS.

2 CABLE GROUND KIT CONNECTION DETAIL
SCALE: N.T.S.



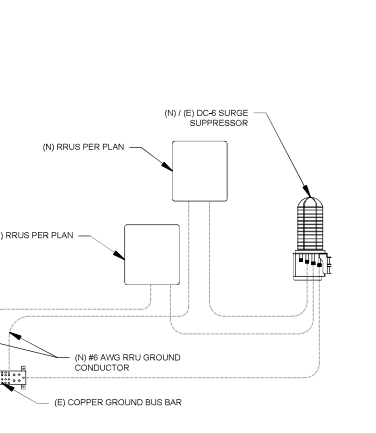
- GROUND BAR NOTES:**
1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC., EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
 2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

3 TOWER GROUND BAR DETAIL
SCALE: N.T.S.

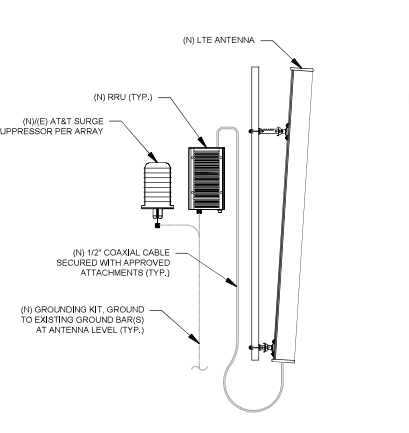


- GROUND BAR NOTES:**
1. GROUND KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC., EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
 2. GROUND BAR SHALL BE BOLTED TO STRUCTURAL MEMBER OR ANCHORED TO CONCRETE SLAB W/ HILTI KWIK BOLT III.

4 MAIN GROUND BAR DETAIL
SCALE: N.T.S.



5 RRU GROUNDING
SCALE: N.T.S.



6 ANTENNA/RRU GROUNDING
SCALE: N.T.S.

Dewberry
Dewberry Engineers Inc.
98 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.2400
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
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▲	FINAL	VA.	07/07/22
▲	FINAL	VA.	07/20/22
▲	FINAL	VA.	08/24/22
▲	FINAL	VA.	11/03/22
▲	FINAL	VA.	11/30/22

ATC SITE NUMBER: 383598

ATC SITE NAME: TARTAGLIA

AT&T MOBILITY SITE NAME: BRIDGEPORT BEARDSLEY

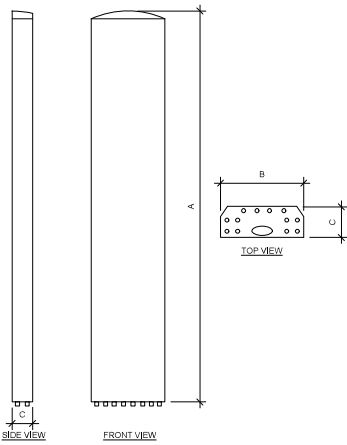
SITE ADDRESS: 1320 CHOPSEY HILL ROAD
BRIDGEPORT, CT 06609

SEAL:

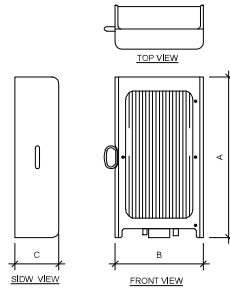
DATE DRAWN: 12/09/21
ATC JOB NO: 1362589LQ3
CUSTOMER ID: CTL05923
CUSTOMER #: 1007648

GROUNDING DETAILS

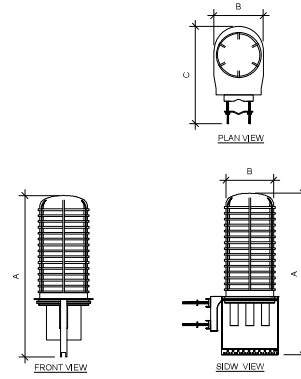
SHEET NUMBER: E-501	REVISION: 4
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ANTENNA SPECIFICATIONS				
ANTENNA MODEL	A	B	C	WEIGHT (LBS)
QD6616-7	72"	22"	9.6"	130.0
AR6449 N77D	39.4"	15.9"	5.1"	81.6
DMP65R-6UEDA	71.2"	20.7"	7.7"	78.4



RRU SPECIFICATIONS				
RRU MODEL	A	B	C	WEIGHT (LBS)
RRUS 4415 B25	16.5"	13.4"	5.9"	46.0



RAYCAP SPECIFICATIONS				
RAYCAP MODEL	A	B	C	WEIGHT (LBS)
DC9-46-40-24-8C-EV	31.4"	18.3"	10.2"	16.0

1 EQUIPMENT SPECIFICATIONS
SCALE: N.T.S.



Dewberry®
Dewberry Engineers Inc.
86 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.3400
FAX: 617.695.3310

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AT&T MOBILITY SITE NAME
BRIDGEPORT BEARDSLEY
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BRIDGEPORT, CT 06606



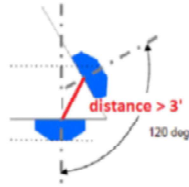
DATE DRAWN: 12/09/21
ATC JOB NO: 13682599L03
CUSTOMER ID: CTL05093
CUSTOMER #: 10076946

SUPPLEMENTAL

SHEET NUMBER:
R-601

RF REQUIREMENTS FOR 700 B14 FIRSTNET, 700 B12, 700D B29 ANTENNA SEPARATION

- Horizontal separation (side to side of antenna): $\geq 3'$
- Vertical separation (between the tips of the antennas): $> 3'$
- Inter-sector separation: $> 3'$ between the center of the antenna backplanes.



- Please note additional horizontal separation may be required if B14 antennas azimuth are different from others or antennas are severely angled with respect to the mount.
- Typical 3' horizontal separation can tolerate skew angle up to 6° .



NOTE: THIS SHEET CREATED BY OTHERS AND PROVIDED BY REQUEST OF CUSTOMER WITHOUT EDIT.



Dewberry
Dewberry Engineers Inc.
86 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617,531,3400
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ATC SITE NUMBER
383598

ATC SITE NAME
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AT&T MOBILITY SITE NAME
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1320 CHOPSEY HILL ROAD
BRIDGEPORT, CT 06606



DATE DRAWN: 12/09/21
ATC JOB NO: 13662599L03
CUSTOMER ID: CTL05693
CUSTOMER #: 10076948

SUPPLEMENTAL

SHEET NUMBER:

R-602



Eng. Number 13682699_C8_09
June 29, 2022
Page 1

Mount Analysis Report

ATC Site Name : Tartaglia, CT
 ATC Site Number : 383598
 Engineering Number : 13682699_C8_09
 Mount Elevation : 165 ft
 Carrier : AT&T Mobility
 Carrier Site Name : MRCTB051560
 Carrier Site Number : N/A
 Site Location : 1000 Trumbull Avenue
 Bridgeport, CT 6606
 41.21959076 , -73.20129723
 County : Fairfield
 Date : June 29, 2022
 Max Usage : 49%
 Result : Pass - Pending Replacement

Prepared By:
Garrett Williams
Structural Engineer I
Garrett Williams

Reviewed By:



Authorized by "EOR"
29 Jun 2022 08:20:55 *cosign*

COA: PEC.0001553

Introduction

The purpose of this report is to summarize results of the mount analysis performed for AT&T Mobility at 165 ft.

Supporting Documents

Specifications Sheet	Site Pro 1 VFA14-WLL-30120, dated June 29, 2018
Radio Frequency Data Sheet	RFDS ID #10070948, dated October 25, 2021
Reference Photos	Site photos from 2019

Analysis

This mount was analyzed using American Tower Corporation's Mount Analysis Program and RISA-3D

Basic Wind Speed:	119 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 1.00" radial ice concurrent
Codes:	ANSI/TIA-222-H
Exposure Category:	C
Risk Category:	II
Topographic Factor Procedure:	Method 2
Feature:	Flat
Crest Height (H):	0 ft
Crest Length (L):	0 ft
Spectral Response:	Ss = 0.211, S1 = 0.054
Site Class:	D - Stiff Soil
Live Loads:	Lm = 500 lbs, Lv = 250 lbs

Conclusion

Due to customer antenna spacing/separation requirements, the existing mount cannot support the equipment as described in this report and must be replaced with the mount listed below. Based on the analysis results, the proposed mount meets the requirements, per the applicable codes listed above, and can support the equipment as described in this report.

- Analysis based on new installation of Site Pro 1 VFA14-WLL-30120 V-Frame(s) (M900R(1500)-4(6)).
- Install P2 (2.375" x 126") antenna mounting pipe(s) (Mount Pipe F & G) with Site Pro 1 SCX7-U (ANT 16985 or approved equivalent) crossover plate kits.
- No structural failures were addressed with the noted contingencies. Contingencies address Carrier's antenna spacing requirements.
- Remove and replace the existing mounts with Site Pro 1 VFA14-WLL-30120.

If you have any questions or require additional information, please contact American Tower via email at Engineering@americantower.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.



Dewberry
Dewberry Engineers Inc.
86 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.3400
FAX: 617.695.3310

ATC SITE NUMBER
383598

ATC SITE NAME
TARTAGLIA

AT&T MOBILITY SITE NAME
BRIDGEPORT BEARDSLEY

SITE ADDRESS:
1320 CHOPSEY HILL ROAD
BRIDGEPORT, CT 06609



DATE DRAWN: 12/09/21
 ATC JOB NO.: 13682699_L33
 CUSTOMER ID: CTL05093
 CUSTOMER #: 10076948

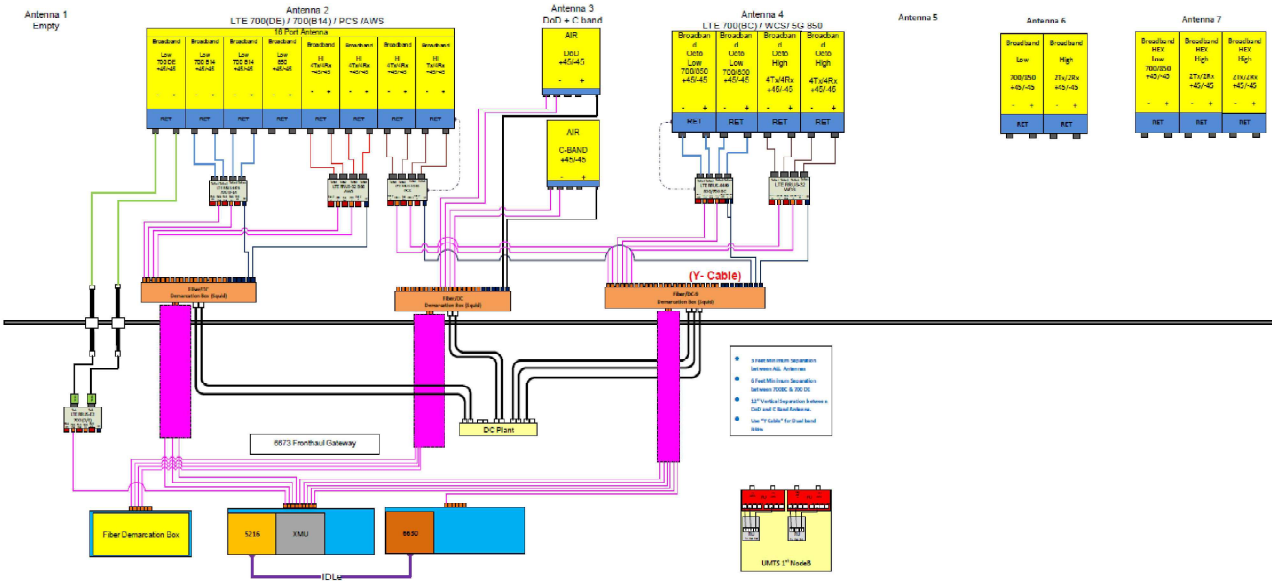
SUPPLEMENTAL

SHEET NUMBER:
R-603

1 MOUNT ANALYSIS

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTORS TO VERIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONSTRUCTION.

Diagram - Sector: A
 Cell Site Name: CT1583
 Location Name: BRIDGEPORT BEARDSLEY
 Market: CONNECTICUT
 Market Cluster: NEW ENGLAND



1 RFDS PLUMBING DIAGRAM

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. GENERAL CONTRACTORS TO CHECK WITH THE AT&T CM TO ENSURE THIS IS THE MOST RECENT VERSION OF THE RFDS.

AMERICAN TOWER

Dewberry
 Dewberry Engineers Inc.
 86 SUMMER STREET
 SUITE 700
 BOSTON, MA 02110
 PHONE: 617,531,3400
 FAX: 617,695,3310

AT&T SITE NUMBER: 383598
 AT&T SITE NAME: TARTAGLIA
 AT&T MOBILITY SITE NAME: BRIDGEPORT BEARDSLEY
 SITE ADDRESS: 1320 CHOPSEY HILL ROAD, BRIDGEPORT, CT 06606

AT&T

DATE DRAWN: 12/09/21
 AT&T JOB NO: 136625896_G3
 CUSTOMER ID: CTL05693
 CUSTOMER #: 10076946

SUPPLEMENTAL

SHEET NUMBER: R-604

Statement of Special Inspections

Project: *ATC Project# 13682699 - AT&T Mobility CTL05093 (10070948)*

Location: *1000 Trumbull Avenue, Bridgeport, CT 06606*

Owner: *American Tower Corporation*

Design Professional in Responsible Charge: *Benjamin B. Revette, P.E.*

This *Statement of Special Inspections* is submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project as well as the name of the Special Inspection Coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This *Statement of Special Inspections* encompass the following disciplines:

- Structural Mechanical/Electrical/Plumbing
 Architectural X Other: *As described*

The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official and the Registered Design Professional in Responsible Charge.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.


Job site safety and means and methods of construction are solely the responsibility of the Contractor.

Interim Report Frequency: *N/A, Final Inspection Only* or per attached schedule.

Prepared by:

Joseph Mazzeo

(type or print name)



Signature

09/21/2022

Date



Owner's Authorization:

Building Official's Acceptance:

Signature

Date

Signature

Date

Schedule of Inspection and Testing Agencies

This Statement of Special Inspections / Quality Assurance Plan includes the following building systems:

- | | |
|--|--|
| <input type="checkbox"/> Soils and Foundations | <input type="checkbox"/> Spray Fire Resistant Material |
| <input type="checkbox"/> Cast-in-Place Concrete | <input type="checkbox"/> Wood Construction |
| <input type="checkbox"/> Precast Concrete | <input type="checkbox"/> Exterior Insulation and Finish System |
| <input type="checkbox"/> Masonry | <input type="checkbox"/> Mechanical & Electrical Systems |
| <input type="checkbox"/> Structural Steel | <input type="checkbox"/> Architectural Systems |
| <input type="checkbox"/> Cold-Formed Steel Framing | <input checked="" type="checkbox"/> Special Cases |

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. Special Inspection Coordinator	<i>Dewberry Engineers Inc. Benjamin B. Revette, P.E.</i>	<i>99 Summer Street, Suite 700 Boston, MA 02110-1200 Phone: (617) 531-0800 Email: brevette@dewberry.com</i>
2. Inspector	<i>Dewberry Engineers Inc.</i>	<i>99 Summer Street, Suite 700 Boston, MA 02110-1200 Phone: (617) 695-3400</i>
3. Inspector		
4. Testing Agency		
5. Testing Agency		
6. Other		

Note: The inspectors and testing agencies shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

Quality Assurance Plan

Quality Assurance for Seismic Resistance

Seismic Design Category *B*
Quality Assurance Plan Required (Y/N) *N*

Description of seismic force resisting system and designated seismic systems:
Not required per section 1705 of 2018 Connecticut State Building Code.

Quality Assurance for Wind Requirements

Basic Wind Speed (3 second gust) *120 mph*
Wind Exposure Category *B*
Quality Assurance Plan Required (Y/N) *N*

Description of wind force resisting system and designated wind resisting components:
Not required per section 1705 of 2018 Connecticut State Building Code.

Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility.

Qualifications of Inspectors and Testing Technicians

The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all Inspectors and testing technicians shall be provided if requested.

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test or inspection have a specific certification or license as indicated below, such designation shall appear below the *Agency Number* on the Schedule.

PE/SE	Structural Engineer – a licensed SE or PE specializing in the design of building structures
PE/GE	Geotechnical Engineer – a licensed PE specializing in soil mechanics and foundations
EIT	Engineer-In-Training – a graduate engineer who has passed the Fundamentals of Engineering examination

American Concrete Institute (ACI) Certification

ACI-CFTT	Concrete Field Testing Technician – Grade 1
ACI-CCI	Concrete Construction Inspector
ACI-LTT	Laboratory Testing Technician – Grade 1&2
ACI-STT	Strength Testing Technician

American Welding Society (AWS) Certification

AWS-CWI	Certified Welding Inspector
AWS/AISC-SSI	Certified Structural Steel Inspector

American Society of Non-Destructive Testing (ASNT) Certification

ASNT	Non-Destructive Testing Technician – Level II or III.
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International Code Council (ICC) Certification

ICC-SMSI	Structural Masonry Special Inspector
ICC-SWSI	Structural Steel and Welding Special Inspector
ICC-SFSI	Spray-Applied Fireproofing Special Inspector
ICC-PCSI	Prestressed Concrete Special Inspector
ICC-RCSI	Reinforced Concrete Special Inspector

National Institute for Certification in Engineering Technologies (NICET)

NICET-CT	Concrete Technician – Levels I, II, III & IV
NICET-ST	Soils Technician - Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician - Levels I, II, III & IV

Exterior Design Institute (EDI) Certification

EDI-EIFS	EIFS Third Party Inspector
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Other

Item	Agency # (Qualif.)	Scope
<p><i>Construction Drawings by American Tower Corporation, prepared by Dewberry Engineers Inc.</i></p> <p><i>AT&T CT5093, ATC, 383598 (13682699) AE (CD). REV2 dated 08/24/22</i></p>	<p><i>P.E.</i></p>	<p><i>AT&T's proposed antenna amendment project includes replacing (3) existing antenna mounts with (3) new antenna mounts, removing (6) antennas, (3) RRUs and (3) TMAs, and installing (12) antennas, (1) squid, (3) RRUs and (3) Y-cables. At grade, (6) diplexers and (6) triplexers will be removed, the UMTS BBU will be decommissioned, and (1) 6630+xcde will be installed.</i></p> <p><i>A mount analysis report, dated 06/09/2022, and a tower structural analysis report, dated 12/02/2021, were completed by American Tower Corporation</i></p>



Figure 5: View of installed fiber and DC trunks in entry port



Figure 6: View of installed fiber and DC trunks in ice bridge