



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

March 29, 2023

Jack Andrews
Centerline Communications
10130 Donleigh Drive
Columbia, MD 21046
jmandrews@clinellc.com

RE: **EM-AT&T-015-230316** - AT&T notice of intent to modify an existing telecommunications facility located at 1000 Trumbull Avenue (a/k/a 1320 Chopsey Hill Road), Bridgeport, Connecticut.

Dear Jack Andrews:

The Connecticut Siting Council (Council) is in receipt of your correspondence of March 29, 2023 submitted in response to the Council's March 24, 2023 notification of an incomplete request for exempt modification with regard to the above-referenced matter.

The submission renders the request for exempt modification complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

Melanie Bachman
Executive Director

MAB/ANM/laf

-----Original Message-----

From: John Andrews <jmandrews@clinellc.com>

Sent: Wednesday, March 29, 2023 1:25 PM

To: CSC-DL Siting Council <Siting.Council@ct.gov>; Fontaine, Lisa <Lisa.Fontaine@ct.gov>

Cc: Stephen Smith <slsmith@clinellc.com>; Blake.Paynter@AmericanTower.com

Subject: EM-AT&T-015-230316 - AT&T notice of intent to modify 1000 Trumbull Avenue (a/k/a 1320 Chopsey Hill Road), Bridgeport, Site #14178890

Dear CSC:

Attached are a set of Revised Drawings incorporating the correct Code Year, and a signed cover letter. Three (3) sets of hard copies will be overnighted to you this afternoon.

Thank you for your kind attention to this matter.

Thanks, J

John Andrews Jr. | Project Manager

10130 Donleigh Drive, Columbia, MD 21046 Centerline Communications

750 W Center St, Suite 301 | West Bridgewater, MA 02379

Mobile: 443.677.0144

jmandrews@clinellc.com |

<https://gcc02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.centerlinecommunications.com%2F&data=05%7C01%7CLisa.Fontaine%40ct.gov%7C293899165ab94746aa4508db307a9386%7C118b7cfaa3dd48b9b02631ff69bb738b%7C0%7C638157075694704664%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAilClQjoiV2luMzllClB1Ii6k1haWwlcXVlClGmMn0%3D%7C3000%7C%7C%7C&sdata=cjs49%2FOL9GIVMaHUzyhda7pxcuGR1HFeiq9ZQJmqIQ%3D&reserved=0>



March 29, 2023

Melanie A. Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: EM-AT&T-015-230316 - AT&T notice of intent to modify an existing telecommunications facility located at 1000 Trumbull Avenue (a/k/a 1320 Chopsey Hill Road), Bridgeport, Connecticut

Dear Ms. Bachman,

I am in receipt of your letter dated March 24, 2023, advising the Code Year must be revised on the drawings. Accordingly, enclosed please find three (3) sets of revised drawings dated 3/29/23 incorporating the 2022 Connecticut State Building Code.

I trust that you will find the new drawings satisfactory. An electronic copy of the revisions and this letter will be emailed to the Council today.

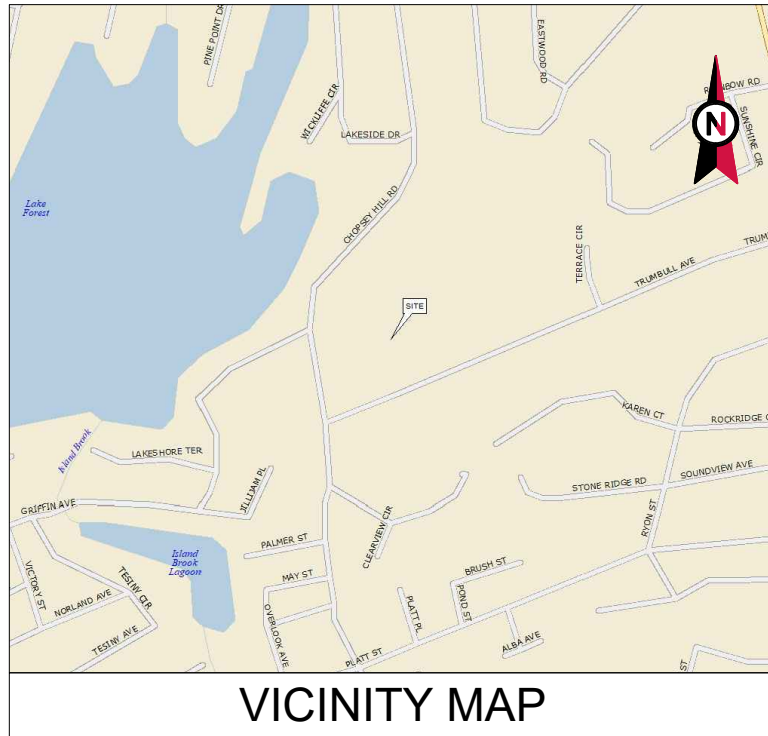
As always, please feel free to contact me with any questions or comments.

Thank you for your kind attention to this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Jack Andrews', is written over a circular stamp or seal.

Jack Andrews
Zoning Manager, Centerline Communications
10130 Donleigh Drive
Columbia, MD 21046
443-677-0144



VICINITY MAP



AMERICAN TOWER®

ATC SITE NAME: TARTAGLIA
 ATC SITE NUMBER: 383598
 AT&T MOBILITY PACE NUMBERS: MRCTB057463
 (SPLIT SECTOR - LTE)
 AT&T MOBILITY SITE ID: CTL05093
 AT&T MOBILITY FA CODE: 10070948
 AT&T MOBILITY SITE NAME: BRIDGEPORT BEARDSLEY
 SITE ADDRESS: 1000 TRUMBULL AVE

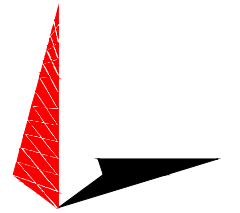
**AT&T MOBILITY
 ANTENNA AMENDMENT PLAN**



LOCATION MAP



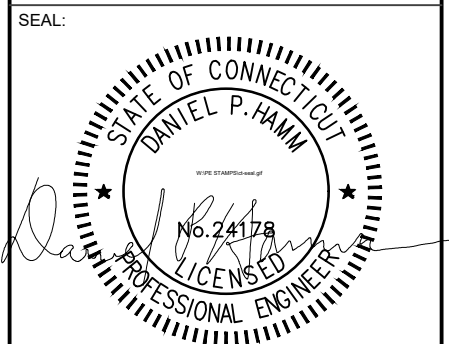
PLANS PREPARED BY:



TOWER ENGINEERING PROFESSIONALS
 326 TRYON ROAD
 RALEIGH, NC 27603-3530
 OFFICE: (919) 661-6351
 www.tepgroup.net

REV.	DESCRIPTION	BY	DATE
A	PRELIMINARY	RRG	02/01/23
0	FINALS	TR	02/16/23
1	FINALS REVISED	TR	03/29/23
△			
△			

ATC SITE NUMBER: 383598
 ATC SITE NAME: TARTAGLIA
 AT&T MOBILITY SITE NUMBER:
CTL05093
 AT&T MOBILITY SITE NAME:
BRIDGEPORT BEARDSLEY
 SITE ADDRESS:
 1000 TRUMBULL AVE
 BRIDGEPORT, CT 06606



DATE DRAWN:	02/01/23
ATC JOB NO:	14178890
CUSTOMER NAME:	BRIDGEPORT BEARDSLEY
CUSTOMER ID:	CTL05093

TITLE SHEET

SHEET NUMBER:
G-001
 REVISION:
1

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"> 2022 CONNECTICUT STATE BUILDING CODE (CSBC) 2017 NATIONAL ELECTRIC CODE (NEC 2017) LOCAL BUILDING CODE CITY/COUNTY ORDINANCES 	<p><u>SITE ADDRESS:</u> 1000 TRUMBULL AVE BRIDGEPORT, CT 06606 COUNTY: FAIRFIELD</p> <p><u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 41.21958 LONGITUDE: -73.20131 GROUND ELEVATION: 212' AMSL</p> <p><u>ZONING INFORMATION:</u> JURISDICTION: CITY OF BRIDGEPORT PARCEL ID: 2778-61B</p>	<p>THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW: <u>TOWER WORK:</u> REMOVE (1) ANTENNA, AND (2) RRU(s).</p> <p>INSTALL (1) ANTENNA, (4) RRU(s), (1) DC6, (6) DIPLEXER(s), (4) Y-CABLE(s), (3) 0.92" DC TRUNK(s), AND (1) 0.41" FIBER TRUNK.</p> <p>EXISTING (11) ANTENNA(s), (13) RRU(s), (3) Y-CABLE(s), (1) DC9, (2) DC6(s), (6) 1-5/8" COAX CABLE(s), (4) 0.92" DC TRUNK(s), AND (2) 0.41" FIBER TRUNK(s) TO REMAIN.</p> <p><u>GROUND WORK:</u> EXISTING (3) RRU(s) TO REMAIN IN EXISTING SHELTER. INSTALL (1) 6675 IN EXISTING SHELTER.</p> <p>NOTE: THIS CONSTRUCTION DRAWING SET IS NOT INTENDED TO REPRESENT ANY ELECTRICAL DESIGN OTHER THAN THE GROUNDING SHOWN, OR TO BE USED TO OBTAIN AN ELECTRICAL PERMIT. AN ELECTRICAL PERMIT IS REQUIRED TO WIRE UP THE PROPOSED EQUIPMENT. ANY ELECTRICAL UPGRADES WILL BE ENGINEERED AND PERMITTED IN A SEPARATE CONSTRUCTION DRAWING SET.</p>	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
			G-001	TITLE SHEET	1	03/29/23	TR
			G-002	GENERAL NOTES	1	03/29/23	TR
			C-101	DETAILED SITE PLAN	1	03/29/23	TR
			C-201	TOWER ELEVATION	1	03/29/23	TR
			C-401	ANTENNA INSTALLATION	1	03/29/23	TR
			C-402	ANTENNA SCHEDULE	1	03/29/23	TR
			C-501	CONSTRUCTION DETAILS	1	03/29/23	TR
			E-101	GROUNDING DETAILS	1	03/29/23	TR
			R-601	SUPPLEMENTAL			
			R-602	SUPPLEMENTAL			
			R-603	SUPPLEMENTAL			
			R-604	SUPPLEMENTAL			
			R-605	SUPPLEMENTAL			
			R-606	SUPPLEMENTAL			
			R-607	SUPPLEMENTAL			
UTILITY COMPANIES	PROJECT LOCATION DIRECTIONS	PROJECT NOTES					
<p>POWER COMPANY: UNITED ILLUMINATING COMPANY PHONE: (800) 722-5584</p> <p>TELEPHONE COMPANY: AT&T PHONE: (800) 331-0500</p>	<p>FROM DOWNTOWN NEW HAVEN CT START OUT GOING NORTHEAST ON CHURCH ST TOWARD WALL ST. CHURCH ST BECOMES WHITNEY AVE. TURN RIGHT ONTO TRUMBULL ST. TURN SLIGHT LEFT TO TAKE THE I-91 S/I-91 N RAMP. MERGE ONTO I-91 S TOWARD I-95/N.Y.CITY/NEW LONDON. KEEP RIGHT TOWARD NY CITY. MERGE ONTO I-95 S VIA THE EXIT ON THE LEFT TOWARD N Y CITY. TAKE EXIT 38 TOWARD CT-15/MERRITT PKWY/W CROSS PKWY. MERGE ONTO MILFORD PKWY. MERGE ONTO MERRITT PARKWAY/CT-15 S VIA EXIT 3B ON THE LEFT TOWARD NY 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 06606-2422, 1336 CHOPSEY HILL RD IS ON THE RIGHT. DRIVE BETWEEN HOUSES TO TOWER SITE</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. § 1455(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). 					



Know what's below.
 Call before you dig.

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, AT&T MOBILITY "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
 - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
 - B. AC/TELCO INTERFACE BOX (PPC)
 - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
 - D. TOWERS, MONOPOLES
 - E. TOWER LIGHTING
 - F. GENERATORS & LIQUID PROPANE TANK
 - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
 - H. ANTENNAS (INSTALLED BY OTHERS)
 - I. TRANSMISSION LINE
 - J. TRANSMISSION LINE JUMPERS
 - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
 - L. TRANSMISSION LINE GROUND KITS
 - M. HANGERS
 - N. HOISTING GRIPS
 - O. BTS EQUIPMENT
2. 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 WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF AT&T MOBILITY TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE AT&T MOBILITY REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE AT&T MOBILITY REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE AT&T MOBILITY REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE AT&T MOBILITY CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE AT&T MOBILITY REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH AT&T MOBILITY AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH AT&T MOBILITY 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.

22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH AT&T MOBILITY REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY AT&T MOBILITY MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH AT&T MOBILITY SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO AT&T MOBILITY FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO AT&T MOBILITY SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. 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.
27. CONTRACTOR SHALL NOTIFY AT&T MOBILITY 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.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
29. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
30. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE AT&T MOBILITY REP. ANY WORK FOUND BY THE AT&T MOBILITY REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
31. 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.
32. AT&T MOBILITY FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE AT&T MOBILITY WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNGRATED, 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.
33. AT&T MOBILITY 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 MOBILITY OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION

ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
 - A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY AT&T MOBILITY 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.
 - B. INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND AT&T MOBILITY SPECIFICATIONS.
 - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.
 - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
 - E. CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANRITZU-PACKARD 8713B RF SCALAR NETWORK ANALYZER. SUBMIT FREQUENCY DOMAIN REFLECTOMETER(FDR) TESTS RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS "MINIMUM FIELD TESTING RECOMMENDED FOR ANTENNA AND HELIAX COAXIAL CABLE SYSTEMS" DATED 10/5/93. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE BOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.
 - F. 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.
 - G. ANTENNA AND COAXIAL CABLE GROUNDING:
 2. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR

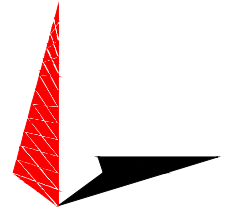
EQUAL.

3. 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.



PLANS PREPARED BY:

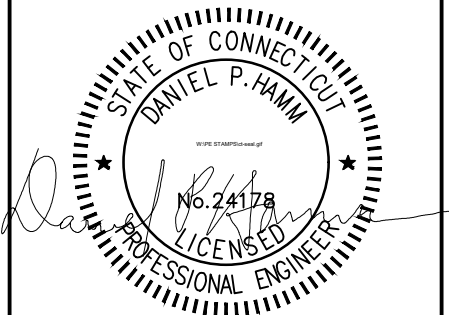


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 OFFICE: (919) 661-6351
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REV.	DESCRIPTION	BY	DATE
A	PRELIMINARY	RRG	02/01/23
0	FINALS	TR	02/16/23
1	FINALS REVISED	TR	03/29/23

ATC SITE NUMBER: 383598
 ATC SITE NAME: TARTAGLIA
 AT&T MOBILITY SITE NUMBER:
CTL05093
 AT&T MOBILITY SITE NAME:
BRIDGEPORT BEARDSLEY
 SITE ADDRESS:
 1000 TRUMBULL AVE
 BRIDGEPORT, CT 06606

SEAL:



DATE DRAWN:	02/01/23
ATC JOB NO:	14178890
CUSTOMER NAME:	BRIDGEPORT BEARDSLEY
CUSTOMER ID:	CTL05093

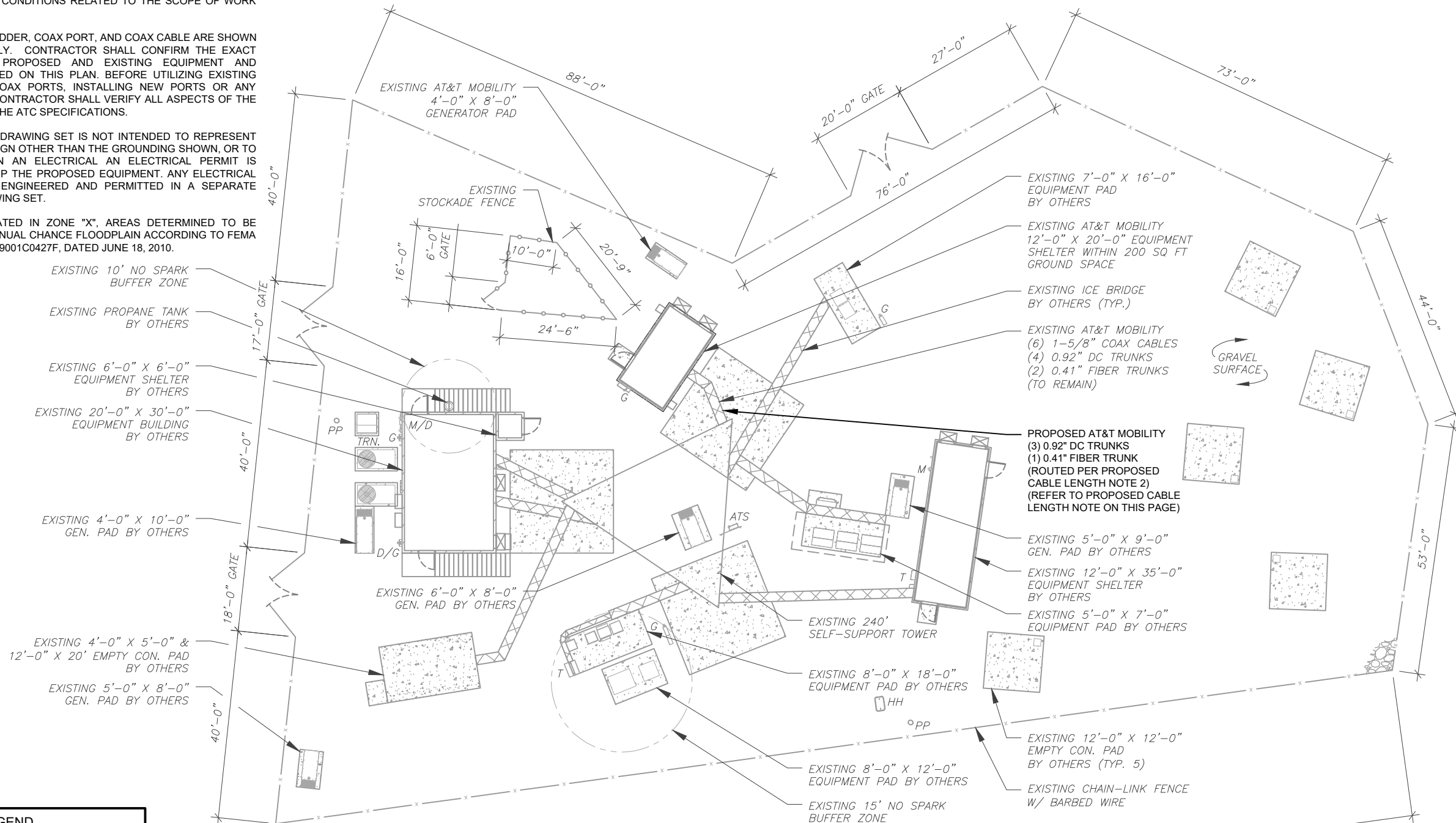
GENERAL NOTES

SHEET NUMBER: G-002	REVISION: 1
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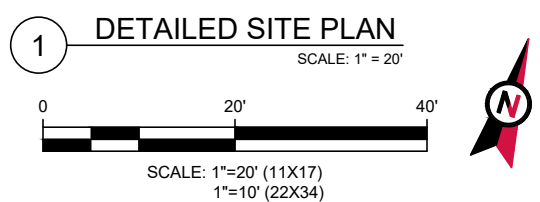
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SITE PLAN NOTES:

1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
3. THIS CONSTRUCTION DRAWING SET IS NOT INTENDED TO REPRESENT ANY ELECTRICAL DESIGN OTHER THAN THE GROUNDING SHOWN, OR TO BE USED TO OBTAIN AN ELECTRICAL AN ELECTRICAL PERMIT IS REQUIRED TO WIRE UP THE PROPOSED EQUIPMENT. ANY ELECTRICAL UPGRADES WILL BE ENGINEERED AND PERMITTED IN A SEPARATE CONSTRUCTION DRAWING SET.
4. THE TOWER IS LOCATED IN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN ACCORDING TO FEMA COMMUNITY PANEL #09001C0427F, DATED JUNE 18, 2010.



LEGEND	
⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACLE
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
—x—	CHAINLINK FENCE



PROPOSED CABLE LENGTH:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **220'**. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES), CDS DEFER TO GREATEST CABLE LENGTH.
2. 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 SNAP-INS 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).

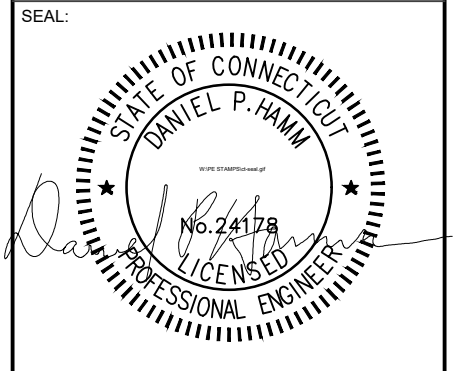


PLANS PREPARED BY:

TOWER ENGINEERING PROFESSIONALS
326 TRYON ROAD
RALEIGH, NC 27603-3530
OFFICE: (919) 661-6351
www.tepgroup.net

REV.	DESCRIPTION	BY	DATE
A	PRELIMINARY	RRG	02/01/23
0	FINALS	TR	02/16/23
1	FINALS REVISED	TR	03/29/23

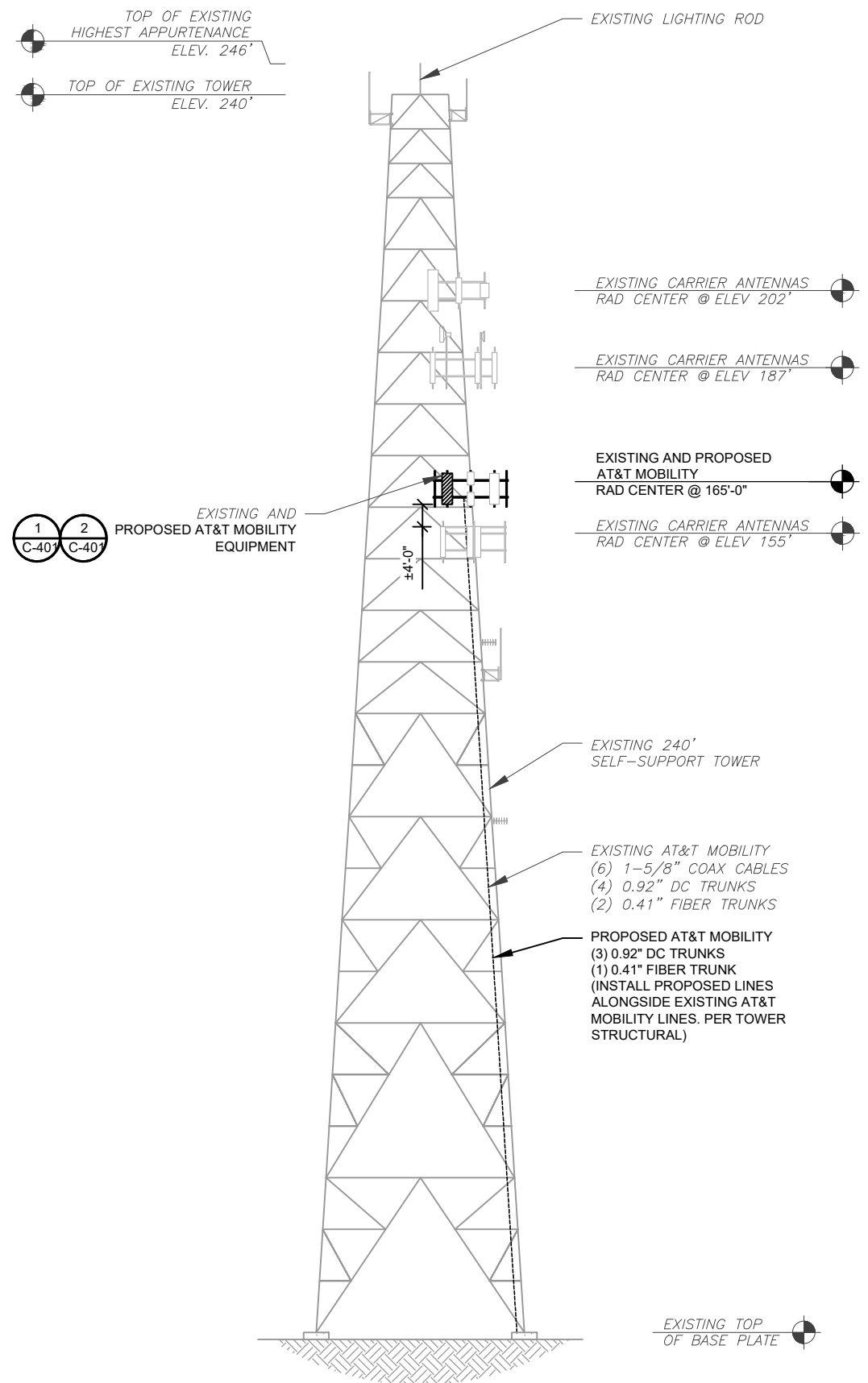
ATC SITE NUMBER: 383598
ATC SITE NAME: TARTAGLIA
AT&T MOBILITY SITE NUMBER:
CTL05093
AT&T MOBILITY SITE NAME:
BRIDGEPORT BEARDSLEY
SITE ADDRESS:
1000 TRUMBULL AVE
BRIDGEPORT, CT 06606



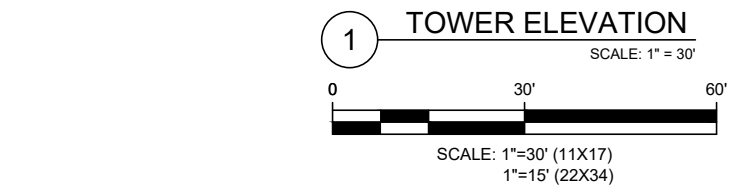
DATE DRAWN:	02/01/23
ATC JOB NO:	14178890
CUSTOMER NAME:	BRIDGEPORT BEARDSLEY
CUSTOMER ID:	CTL05093

DETAILED SITE PLAN

SHEET NUMBER: **C-101** REVISION: **1**



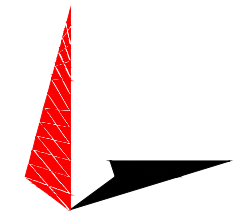
PER MOUNT ANALYSIS COMPLETED BY ATC, DATED 01/25/2023, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



- TOWER NOTE:**
- 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. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
 - 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 SNAP-INS 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).
 - TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.).
 - TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.



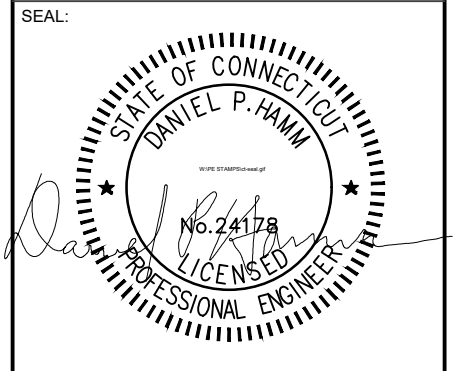
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REV.	DESCRIPTION	BY	DATE
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1	FINALS REVISED	TR	03/29/23

ATC SITE NUMBER: 383598
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 AT&T MOBILITY SITE NUMBER:
CTL05093
 AT&T MOBILITY SITE NAME:
BRIDGEPORT BEARDSLEY
 SITE ADDRESS:
 1000 TRUMBULL AVE
 BRIDGEPORT, CT 06606



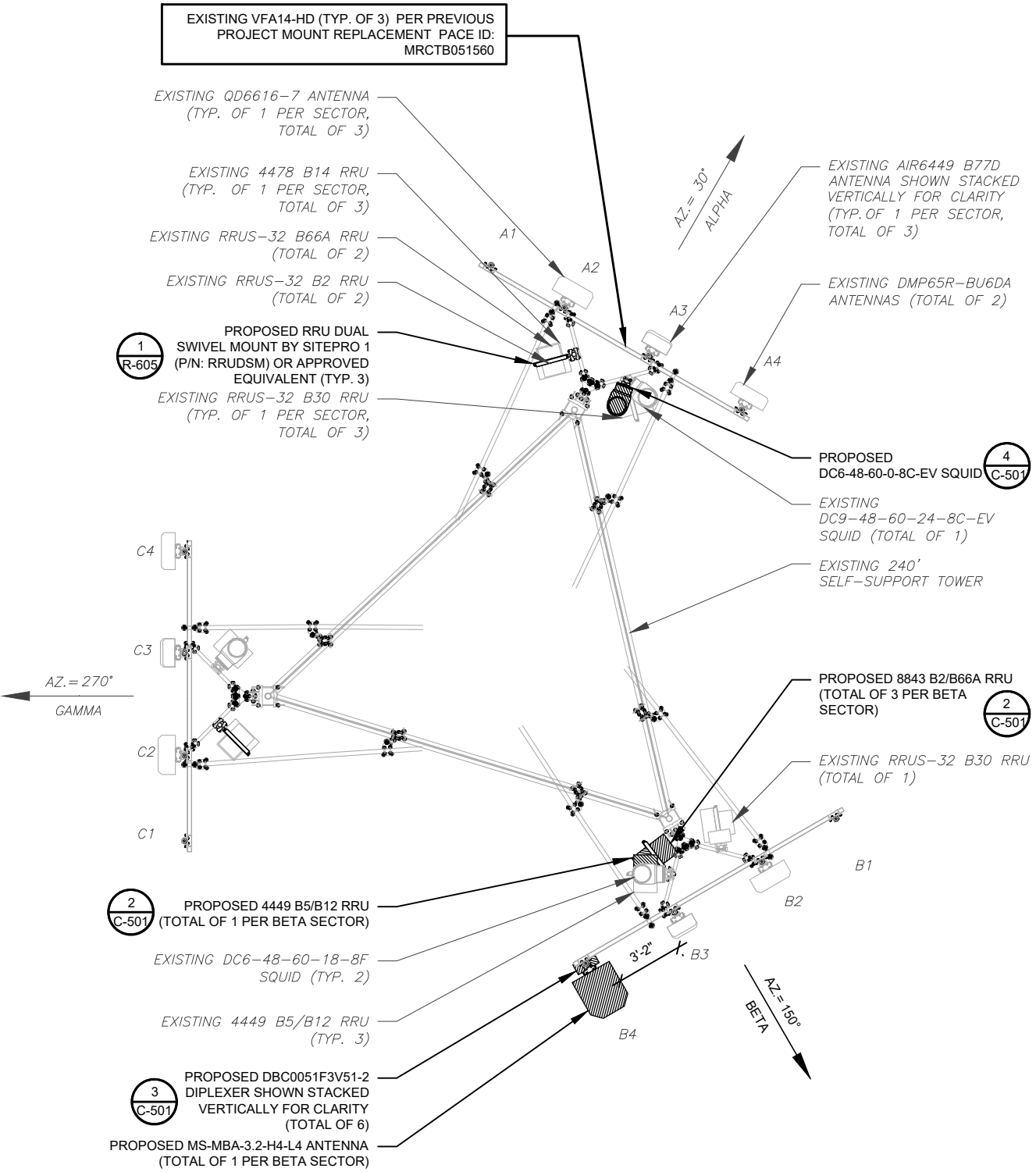
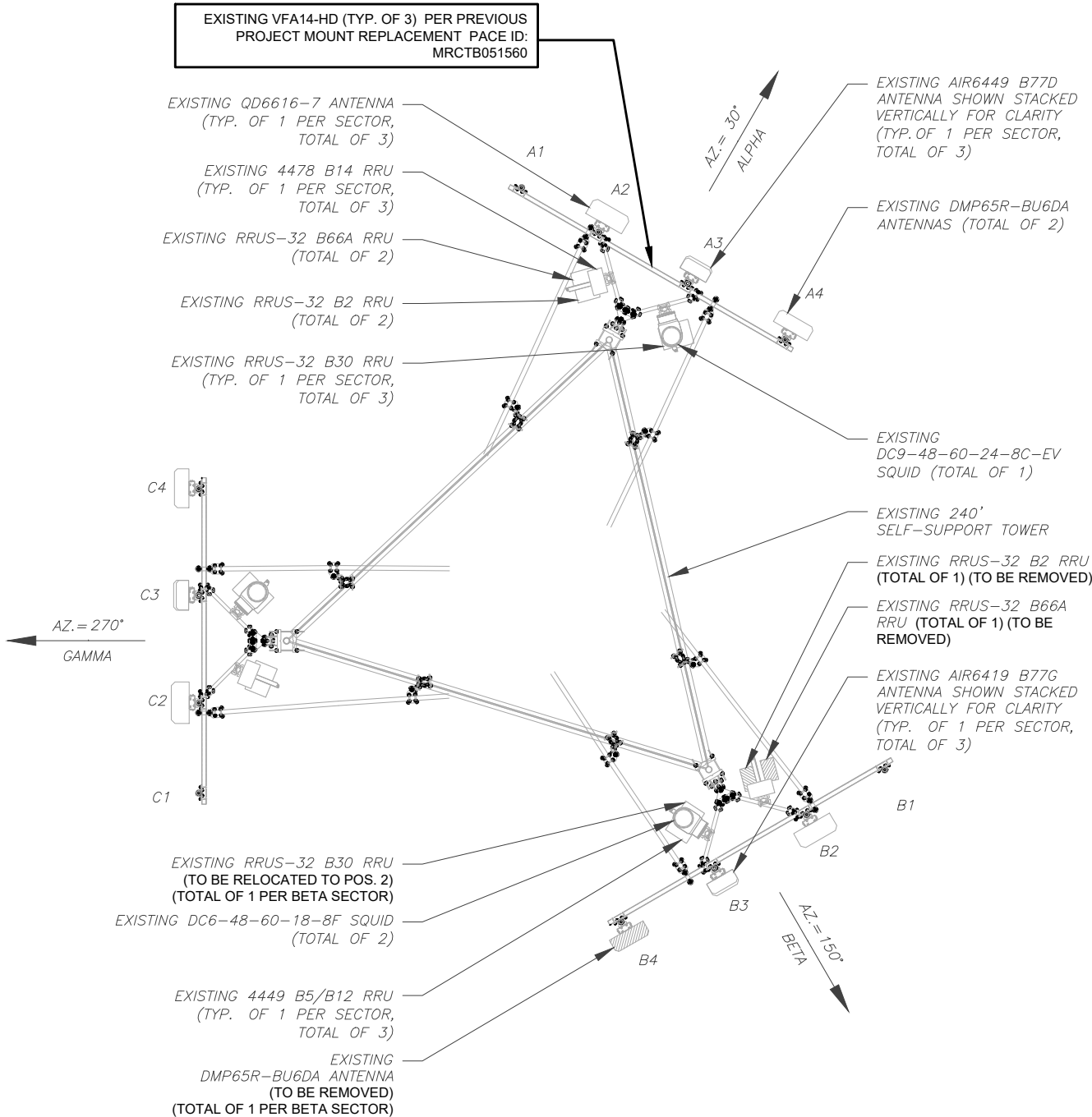
DATE DRAWN:	02/01/23
ATC JOB NO:	14178890
CUSTOMER NAME:	BRIDGEPORT BEARDSLEY
CUSTOMER ID:	CTL05093

TOWER ELEVATION	
SHEET NUMBER: C-201	REVISION: 1

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EXISTING CONFIGURATIONS ARE BASED ON RFDS.
CONTRACTOR TO VERIFY EXISTING CONDITIONS.

PER MOUNT ANALYSIS COMPLETED BY ATC,
DATED 01/25/2023, THE EXISTING MOUNT CAN
ADEQUATELY SUPPORT THE PROPOSED
LOADING.



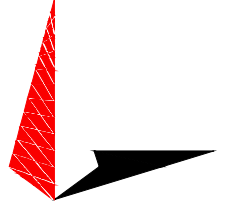
1 EXISTING ANTENNA PLAN
SCALE: 1" = 5'
0 5' 10'
SCALE: 1"=5' (11X17)
1"=2.5' (22X34)

2 FINAL ANTENNA PLAN
SCALE: 1" = 5'
0 5' 10'
SCALE: 1"=5' (11X17)
1"=2.5' (22X34)

PROPOSED RRUS MUST BE
INSTALLED A MINIMUM OF 12"
AWAY FROM ALL ANTENNAS



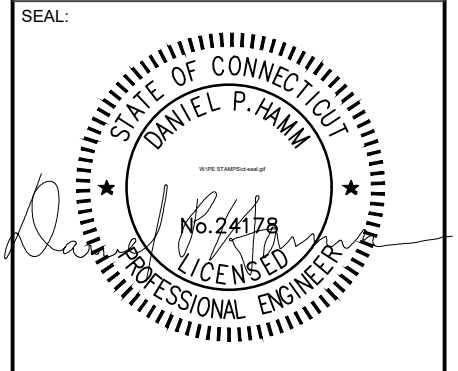
PLANS PREPARED BY:



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DATE DRAWN:	02/01/23
ATC JOB NO:	14178890
CUSTOMER NAME:	BRIDGEPORT BEARDSLEY
CUSTOMER ID:	CTL05093

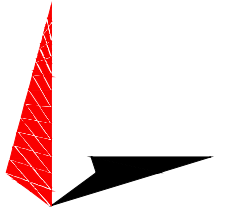
ANTENNA INSTALLATION

SHEET NUMBER:	REVISION:
C-401	1

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EXISTING ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	165'	30°	A1	-	-	-	-	-
			A2	QD6616-7	LTE 700/LTE 1900/ LTE AWS/5G 1900/ 5G AWS	RMN	(1) 4478 B14 (1) RRUS-32 B2 (1) RRUS-32 B66A (1) RRUS-E2 B29	RMN RMN RMN RMN
	167'	A3A	AIR6419 B77G	5G CBAND	RMN	-	-	
	163'	A3B	AIR6449 B77D	5G CBAND	RMN	-	-	
	165'	A4	DMP65R-BU6DA	LTE 700/5G 850/ LTE WCS	RMN	(1) 4449 B5/B12 (1) RRUS-32 B30 (1) Y-CABLE	RMN RMN RMN	
BETA	165'	150°	B1	-	-	-	-	-
			B2	QD6616-7	LTE 700/LTE 1900/ LTE AWS/5G 1900/ 5G AWS	RMN	(1) 4478 B14 (1) RRUS-32 B2 (1) RRUS-32 B66A (1) RRUS-E2 B29	RMN RMV RMV RMN
	167'	B3A	AIR6419 B77G	5G CBAND	RMN	-	-	
	163'	B3B	AIR6449 B77D	5G CBAND	RMN	-	-	
	165'	B4	DMP65R-BU6DA	LTE 700/5G 850/ LTE WCS	RMV	(1) 4449 B5/B12 (1) RRUS-32 B30 (1) Y-CABLE	RMN REL RMN	
GAMMA	165'	270°	C1	-	-	-	-	-
			C2	QD6616-7	LTE 700/LTE 1900/ LTE AWS/5G 1900/ 5G AWS	RMN	(1) 4478 B14 (1) RRUS-32 B2 (1) RRUS-32 B66A (1) RRUS-E2 B29	RMN RMN RMN RMN
	167'	C3A	AIR6419 B77G	5G CBAND	RMN	-	-	
	163'	C3B	AIR6449 B77D	5G CBAND	RMN	-	-	
	165'	C4	DMP65R-BU6DA	LTE 700/5G 850/ LTE WCS	RMN	(1) 4449 B5/B12 (1) RRUS-32 B30 (1) Y-CABLE	RMN RMN RMN	

NOTES

- CONFIRM WITH AT&T MOBILITY REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
- CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.
- 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.
- CONTRACTOR TO ENSURE PROPER SEPARATION IN ACCORDANCE WITH AT&T'S FIRSTNET REQUIREMENTS (SEE SHEET R-607)

STATUS ABBREVIATIONS

RMV: TO BE REMOVED
RMN: TO REMAIN
REL: TO BE RELOCATED
ADD: TO BE ADDED

CABLE LENGTHS FOR JUMPERS

JUNCTION BOX TO RRU: 15'
RRU TO ANTENNA: 10'

FINAL ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	165'	30°	A1	-	-	-	-	-
			A2	QD6616-7	LTE 700/LTE 1900/ LTE AWS/5G 1900/ 5G AWS	RMN	(1) 4478 B14 (1) RRUS-32 B2 (1) RRUS-32 B66A (1) RRUS-E2 B29	RMN RMN RMN RMN
	167'	A3	AIR6419 B77G	5G CBAND	RMN	-	-	
	163'	A3	AIR6449 B77D	5G CBAND	RMN	-	-	
BETA	165'	150°	B1	-	-	-	-	-
			B2	QD6616-7	LTE 700/LTE WCS	RMN	(1) 4478 B14 (1) RRUS-32 B30 (1) RRUS-E2 B29	RMN REL RMN
	167'	B3	AIR6419 B77G	5G CBAND	RMN	-	-	
	163'	B3	AIR6449 B77D	5G CBAND	RMN	-	-	
GAMMA	165'	270°	B4	MS-MBA-3.2-H4-L4	LTE 700/LTE 1900/ 5G 850/LTE AWS/ 5G AWS/5G 1900	ADD	(1) 4449 B5/B12 (1) Y-CABLE (1) 4449 B5/B12 (3) 8843 B2/B66A (6) DBC0051F3V51-2 (4) Y-CABLES	RMN RMN ADD ADD ADD ADD
			C1	-	-	-	-	-
	167'	C2	QD6616-7	LTE 700/LTE 1900/ LTE AWS/5G 1900/ 5G AWS	RMN	(1) 4478 B14 (1) RRUS-32 B2 (1) RRUS-32 B66A (1) RRUS-E2 B29	RMN RMN RMN RMN	
	163'	C3	AIR6419 B77G	5G CBAND	RMN	-	-	
165'	270°	C3	AIR6449 B77D	5G CBAND	RMN	-	-	
		C4	DMP65R-BU6DA	LTE 700/5G 850/ LTE WCS	RMN	(1) 4449 B5/B12 (1) RRUS-32 B30 (1) Y-CABLE	RMN RMN RMN	

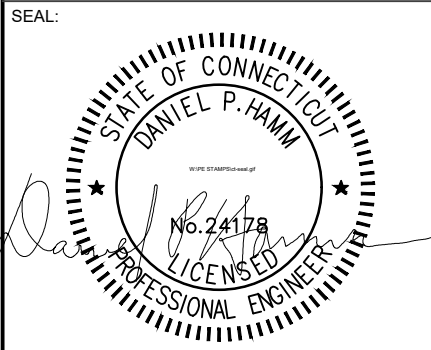
EXISTING FIBER DISTRIBUTION/SQUID		EXISTING CABLING SUMMARY			
MODEL NUMBER	STATUS	COAX	DC	FIBER	STATUS
(1) DC9-48-60-24-8C-EV (2) DC6-48-60-18-8F	RMN	(6) 1-5/8"	(4) 0.92"	(2) 0.41"	RMN

FINAL FIBER DISTRIBUTION/SQUID		FINAL CABLING SUMMARY			
MODEL NUMBER	STATUS	COAX	DC	FIBER	STATUS
(1) DC9-48-60-24-8C-EV (2) DC6-48-60-18-8F	RMN	(6) 1-5/8"	(4) 0.92"	(2) 0.41"	RMN
(1) DC6-48-60-0-8C-EV	ADD	-	(3) 0.92"	(1) 0.41"	ADD

1 EQUIPMENT SCHEDULES

REV.	DESCRIPTION	BY	DATE
A	PRELIMINARY	RRG	02/01/23
0	FINALS	TR	02/16/23
1	FINALS REVISED	TR	03/29/23

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ATC SITE NAME: TARTAGLIA
AT&T MOBILITY SITE NUMBER:
CTL05093
AT&T MOBILITY SITE NAME:
BRIDGEPORT BEARDSLEY
SITE ADDRESS:
1000 TRUMBULL AVE
BRIDGEPORT, CT 06606

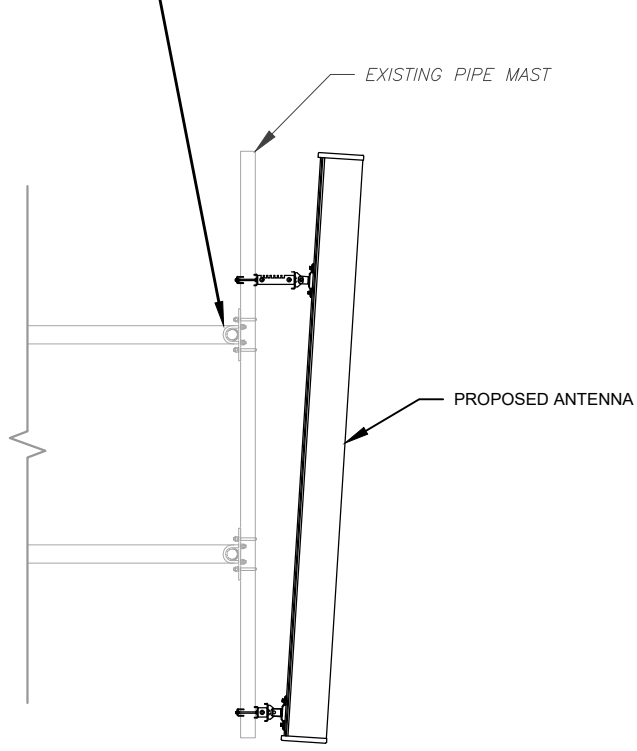


DATE DRAWN:	02/01/23
ATC JOB NO:	14178890
CUSTOMER NAME:	BRIDGEPORT BEARDSLEY
CUSTOMER ID:	CTL05093

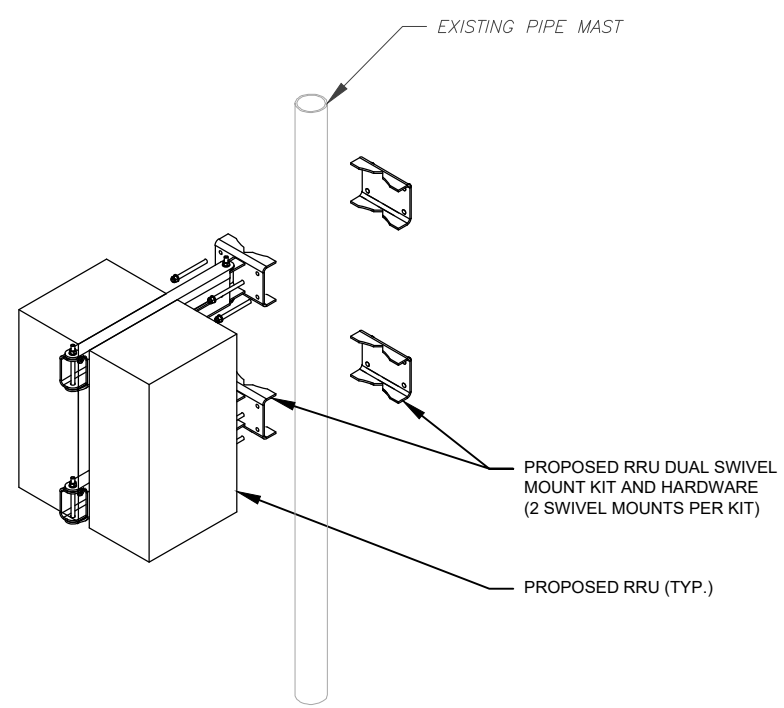
ANTENNA SCHEDULE

SHEET NUMBER: **C-402** REVISION: **1**

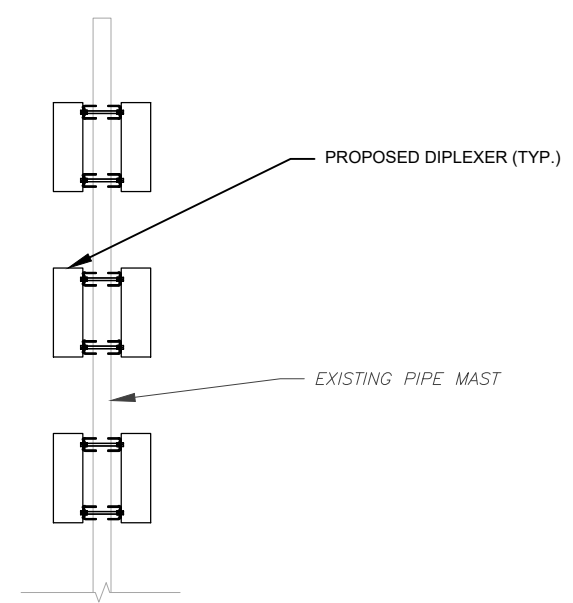
EXISTING VFA14-HD (TYP. OF 3) PER PREVIOUS PROJECT MOUNT REPLACEMENT PACE ID: MRCTB051560



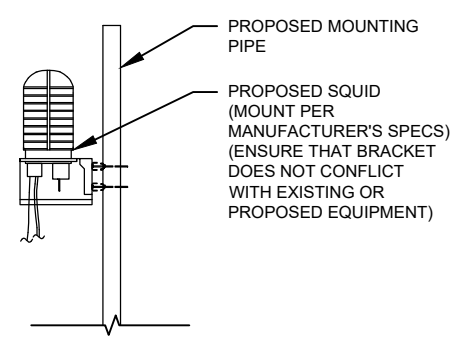
1 PROPOSED ANTENNA MOUNTING DETAIL
SCALE: N.T.S.



2 PROPOSED RRU MOUNTING DETAIL
SCALE: N.T.S.



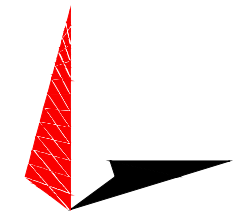
3 PROPOSED DIPLEXER MOUNTING DETAIL
SCALE: N.T.S.



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



PLANS PREPARED BY:

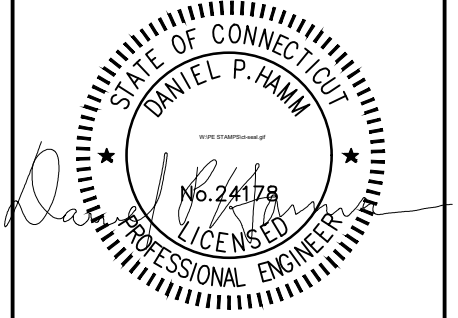


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AT&T MOBILITY SITE NAME:
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SITE ADDRESS:
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BRIDGEPORT, CT 06606

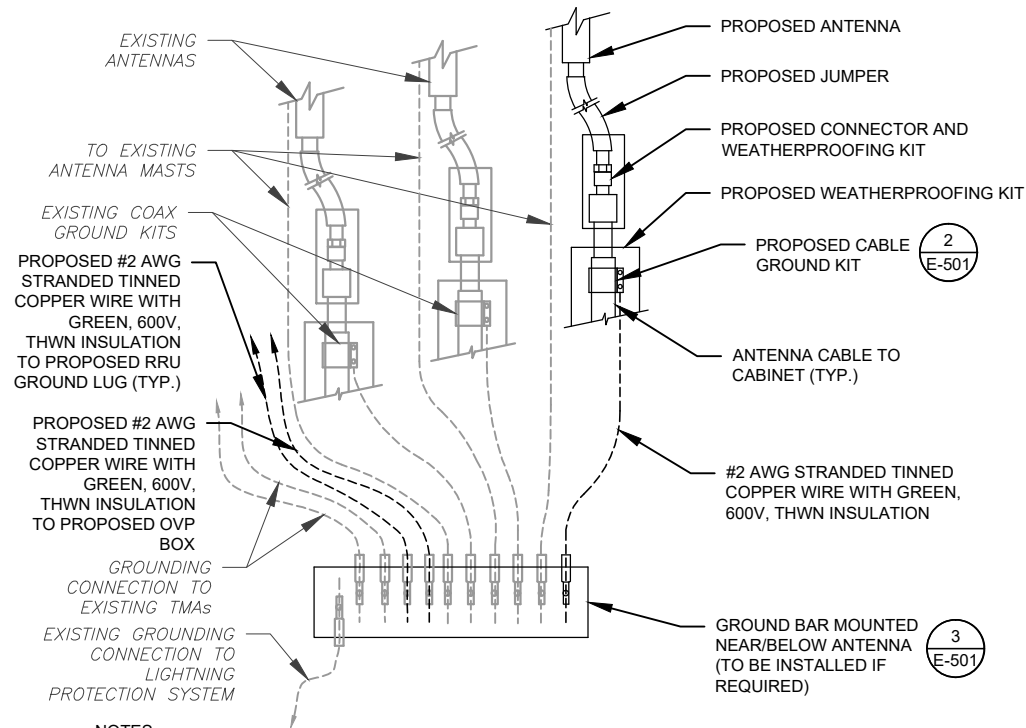
SEAL:



DATE DRAWN:	02/01/23
ATC JOB NO:	14178890
CUSTOMER NAME:	BRIDGEPORT BEARDSLEY
CUSTOMER ID:	CTL05093

**CONSTRUCTION
DETAILS**

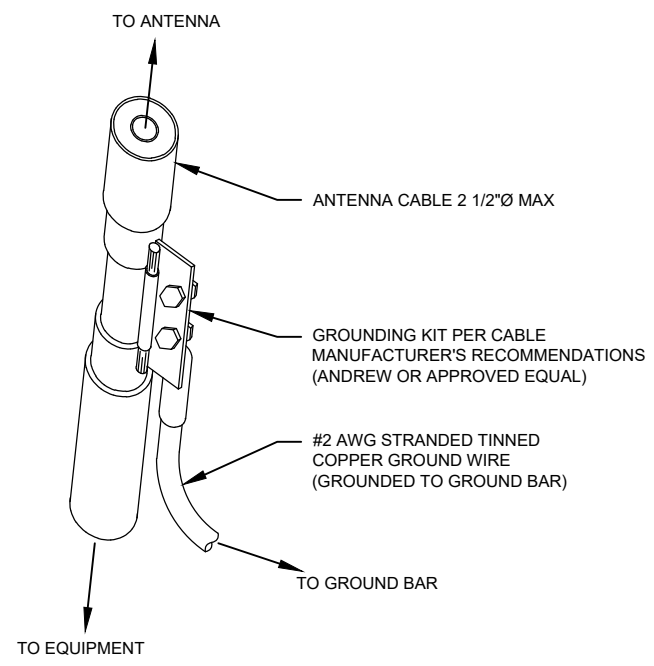
SHEET NUMBER: C-501	REVISION: 1
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NOTES:

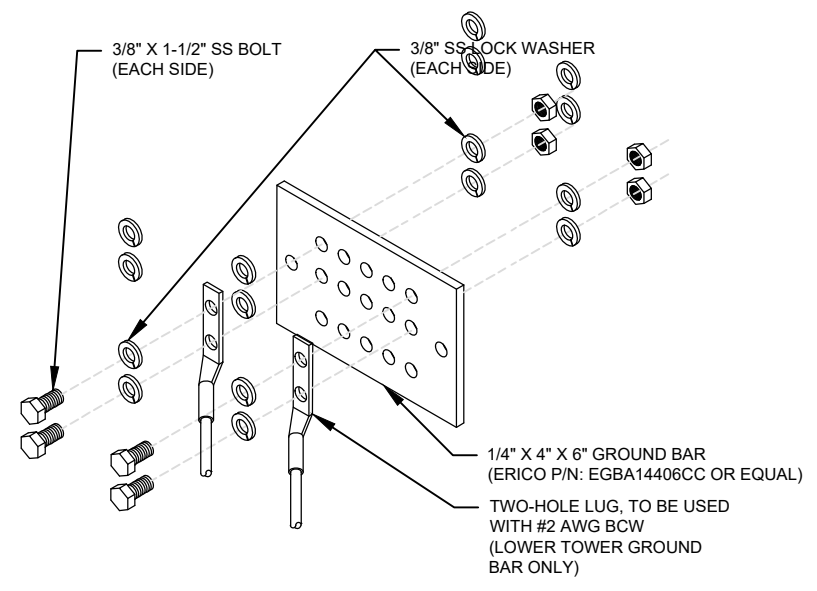
1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH AT&T MOBILITY GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH AT&T MOBILITY 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.

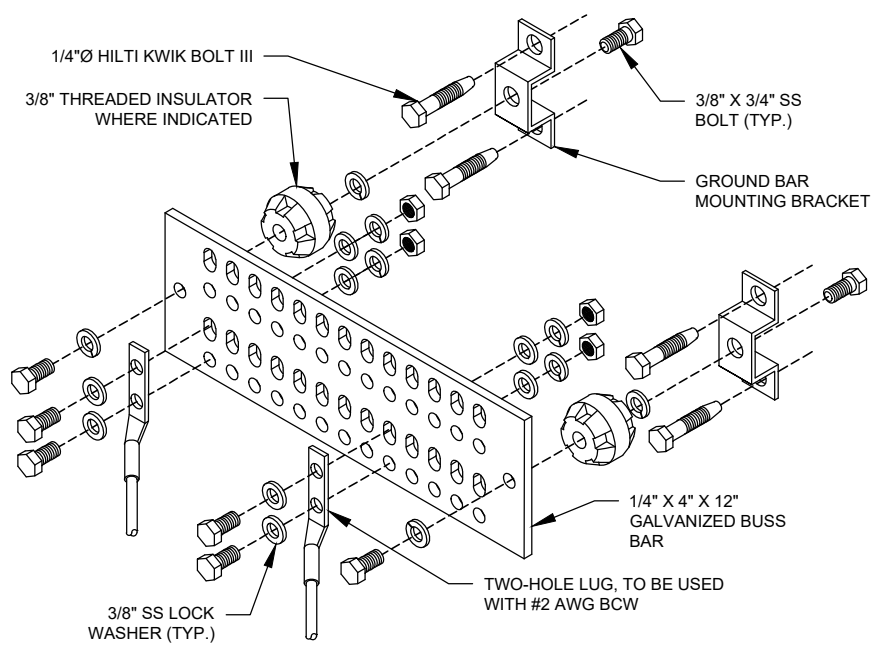
2 CABLE GROUND KIT CONNECTION DETAIL
SCALE: N.T.S.



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.

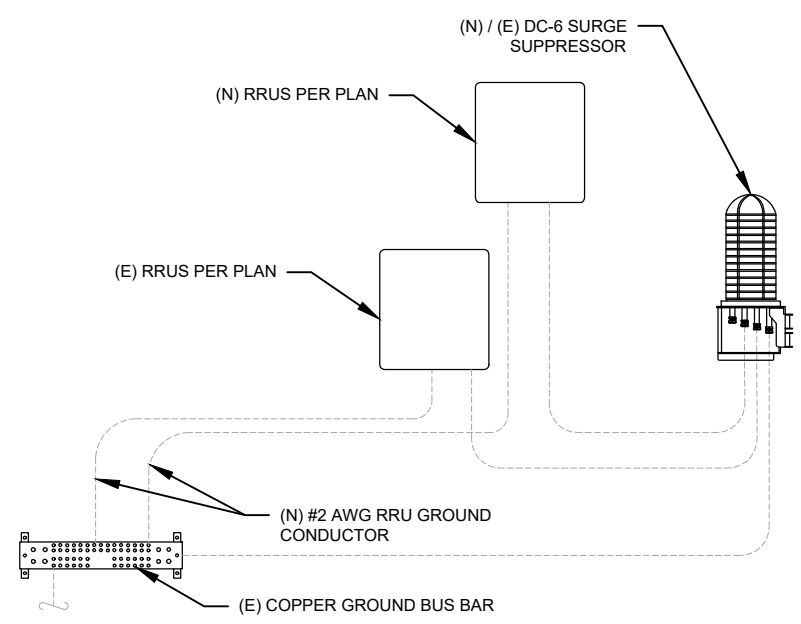
3 TOWER GROUND BAR DETAIL
SCALE: N.T.S.



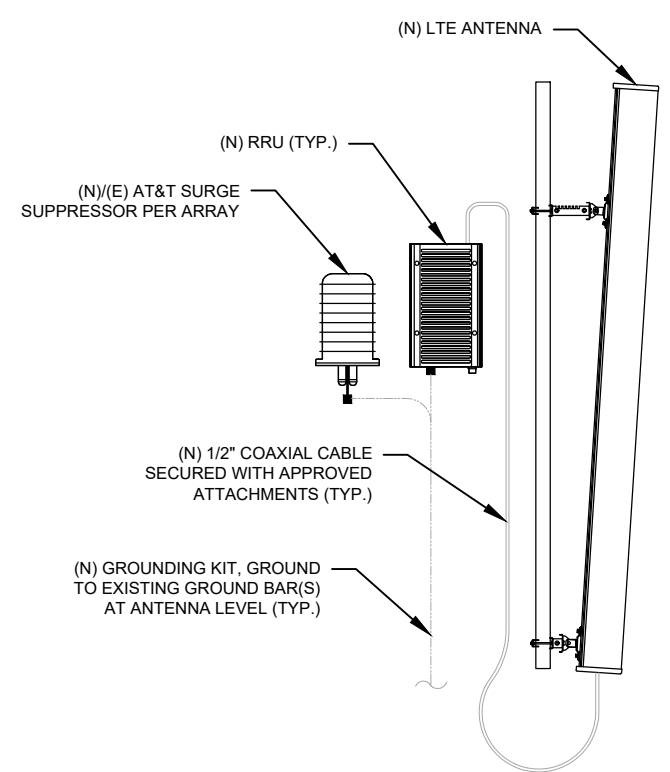
GROUND BAR NOTES

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.



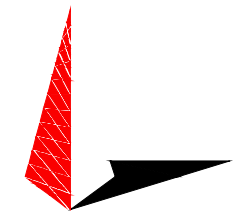
5 RRU GROUNDING
SCALE: N.T.S.



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



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CTL05093

AT&T MOBILITY SITE NAME:

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SITE ADDRESS:
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SEAL:

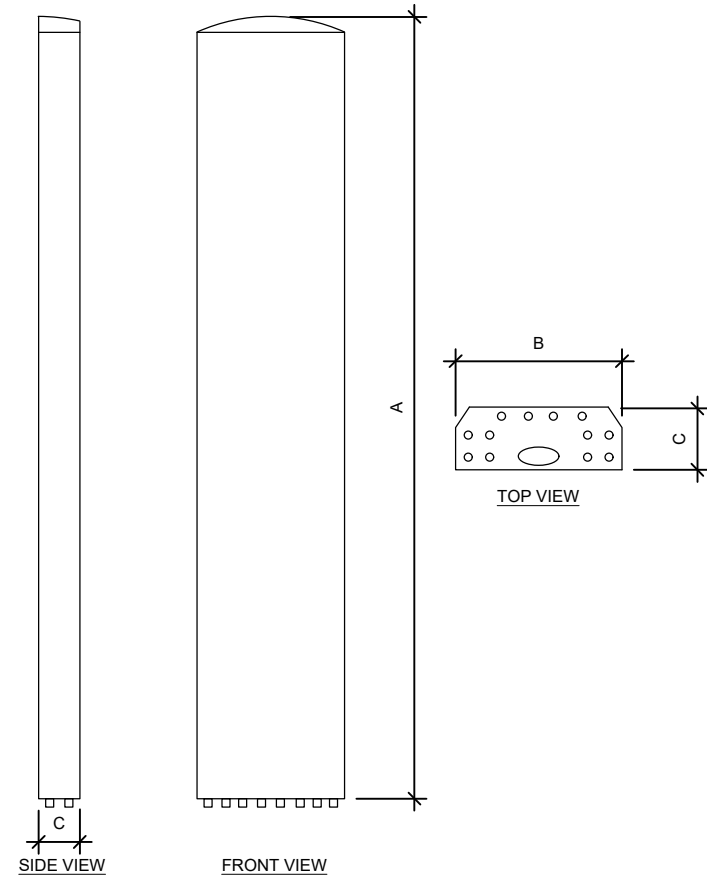


DATE DRAWN:	02/01/23
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CUSTOMER ID:	CTL05093

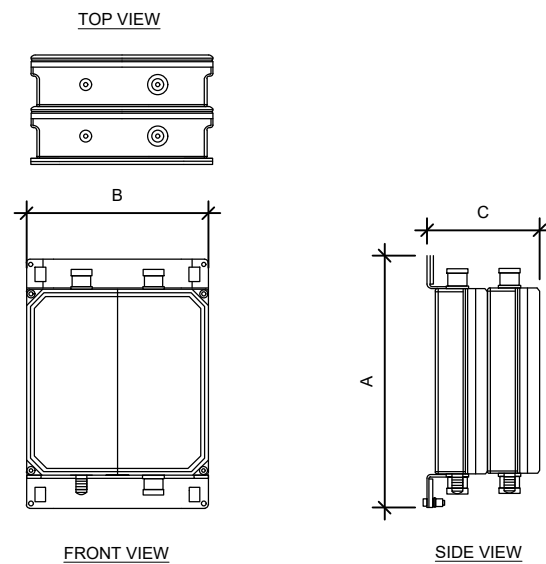
GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	1

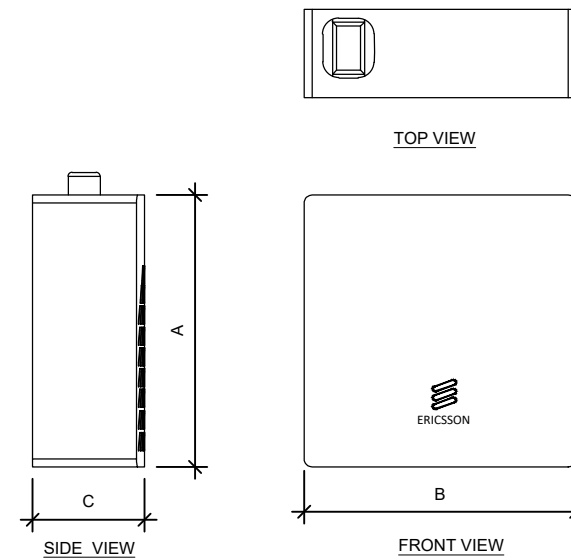
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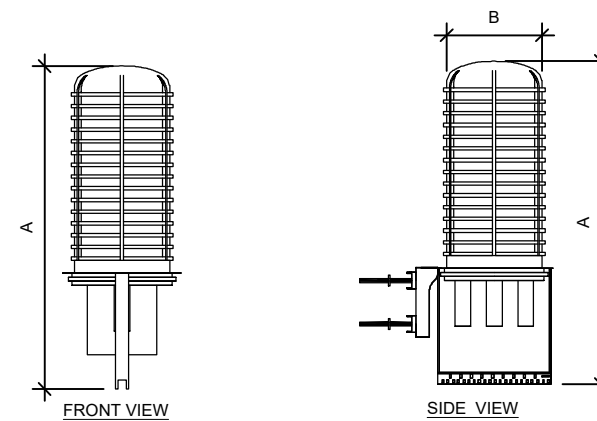
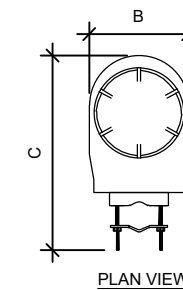
ANTENNA SPECIFICATIONS				
ANTENNA MODEL	A	B	C	WEIGHT (LBS)
MS-MBA-3.2-H4-L4	72.0"	24.0"	26.0"	130.0



DIPLEXER SPECIFICATIONS				
DIPLEXER MODEL	A	B	C	WEIGHT (LBS)
DBC0051F3V51-2	8.0"	6.2"	4.4"	12.4



RRU SPECIFICATIONS				
RRU MODEL	A	B	C	WEIGHT (LBS)
4449 B5/B12	17.9"	13.2"	9.4"	71.0
8843 B2/B66A	14.9"	13.2"	10.9"	72.0

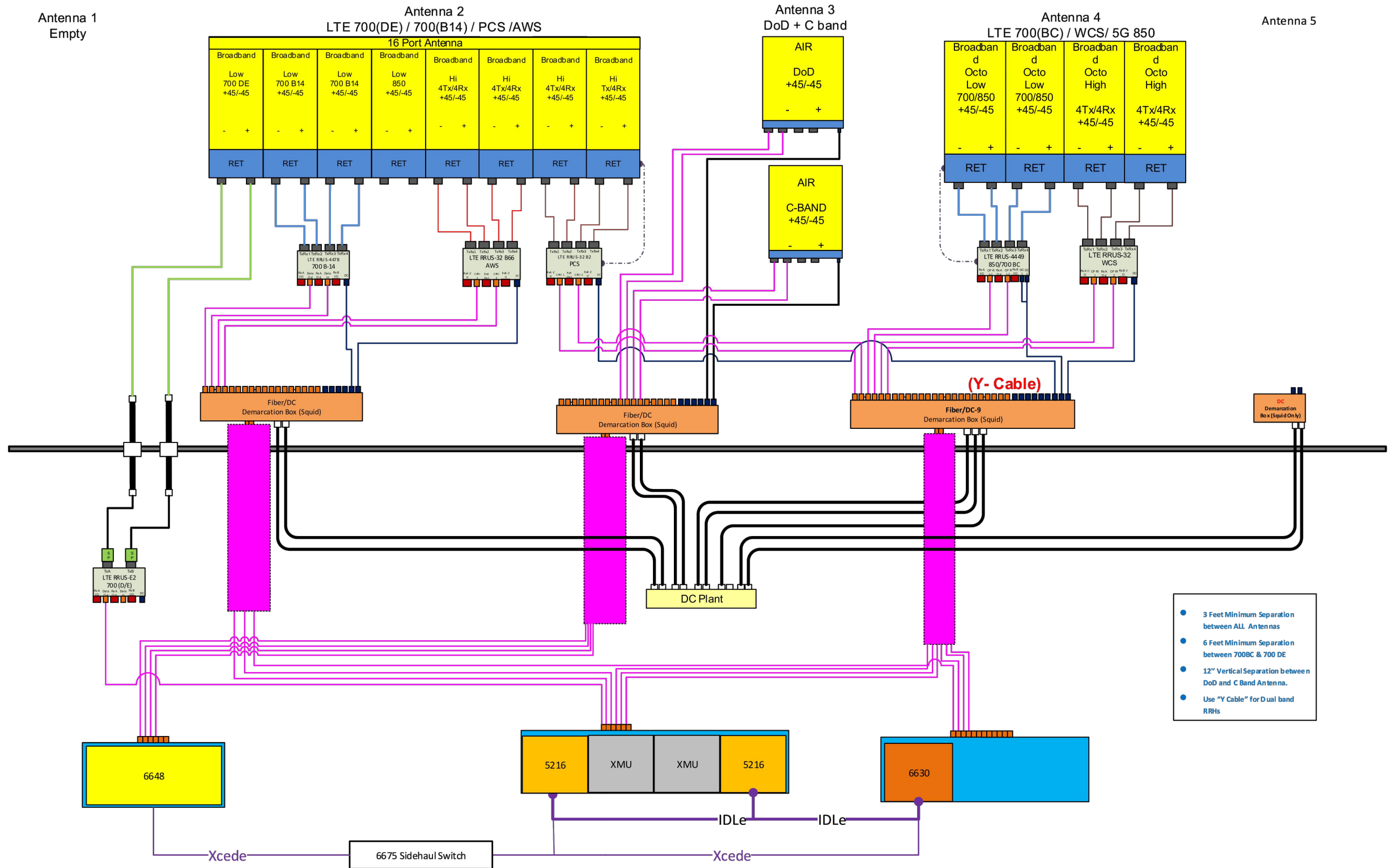


RAYCAP SPECIFICATIONS				
RAYCAP MODEL	A	B	C	WEIGHT (LBS)
DC6-48-60-0-8C-EV	18.3"	10.2"	31.4"	16.0

1 EQUIPMENT SPECIFICATIONS
SCALE: N.T.S.

SUPPLEMENTAL

SHEET NUMBER: R-601
REVISION: 1

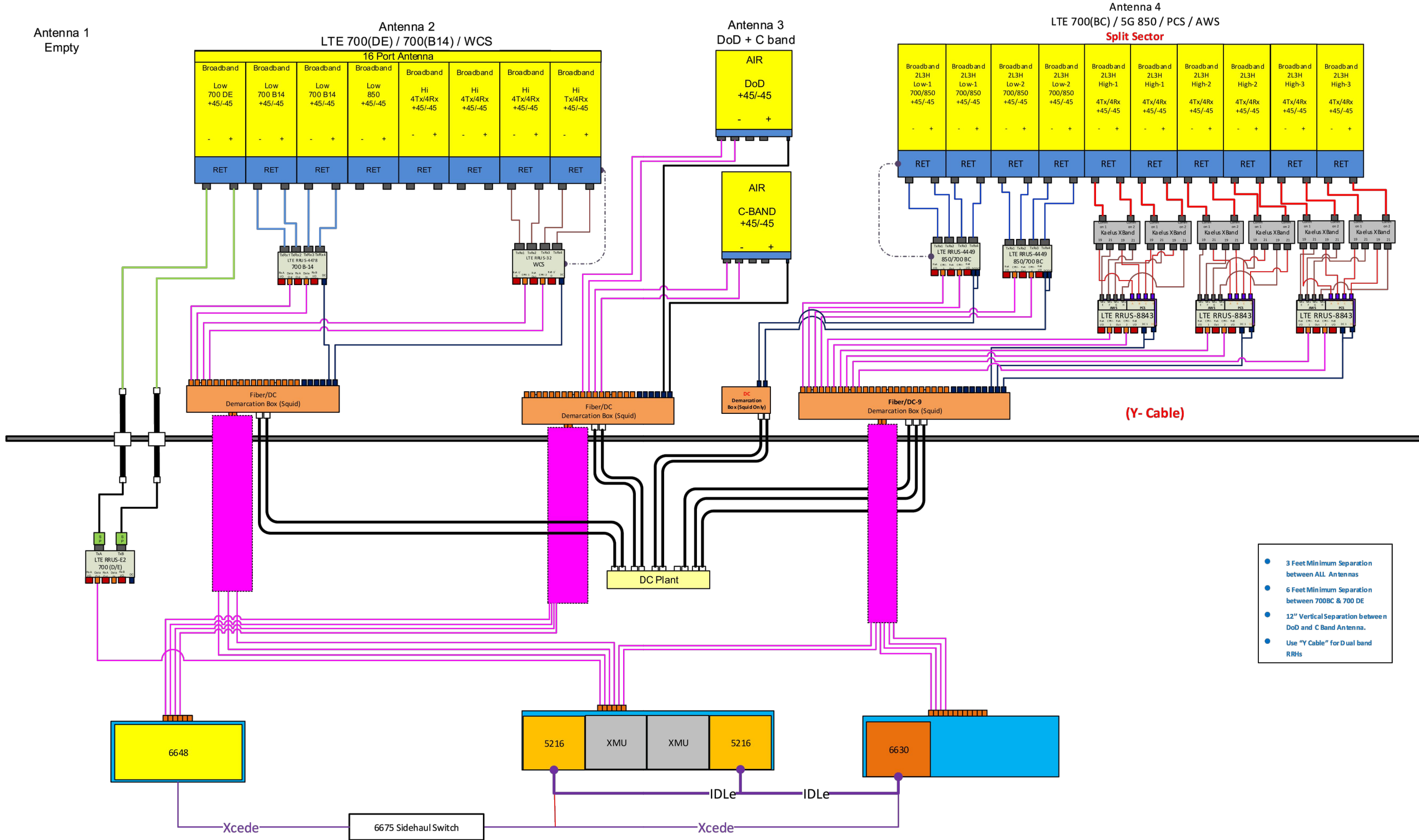


- 3 Feet Minimum Separation between ALL Antennas
- 6 Feet Minimum Separation between 700BC & 700 DE
- 12" Vertical Separation between DoD and C Band Antenna.
- Use "Y Cable" for Dual band RRHs

1 RFDS PLUMBING DIAGRAM

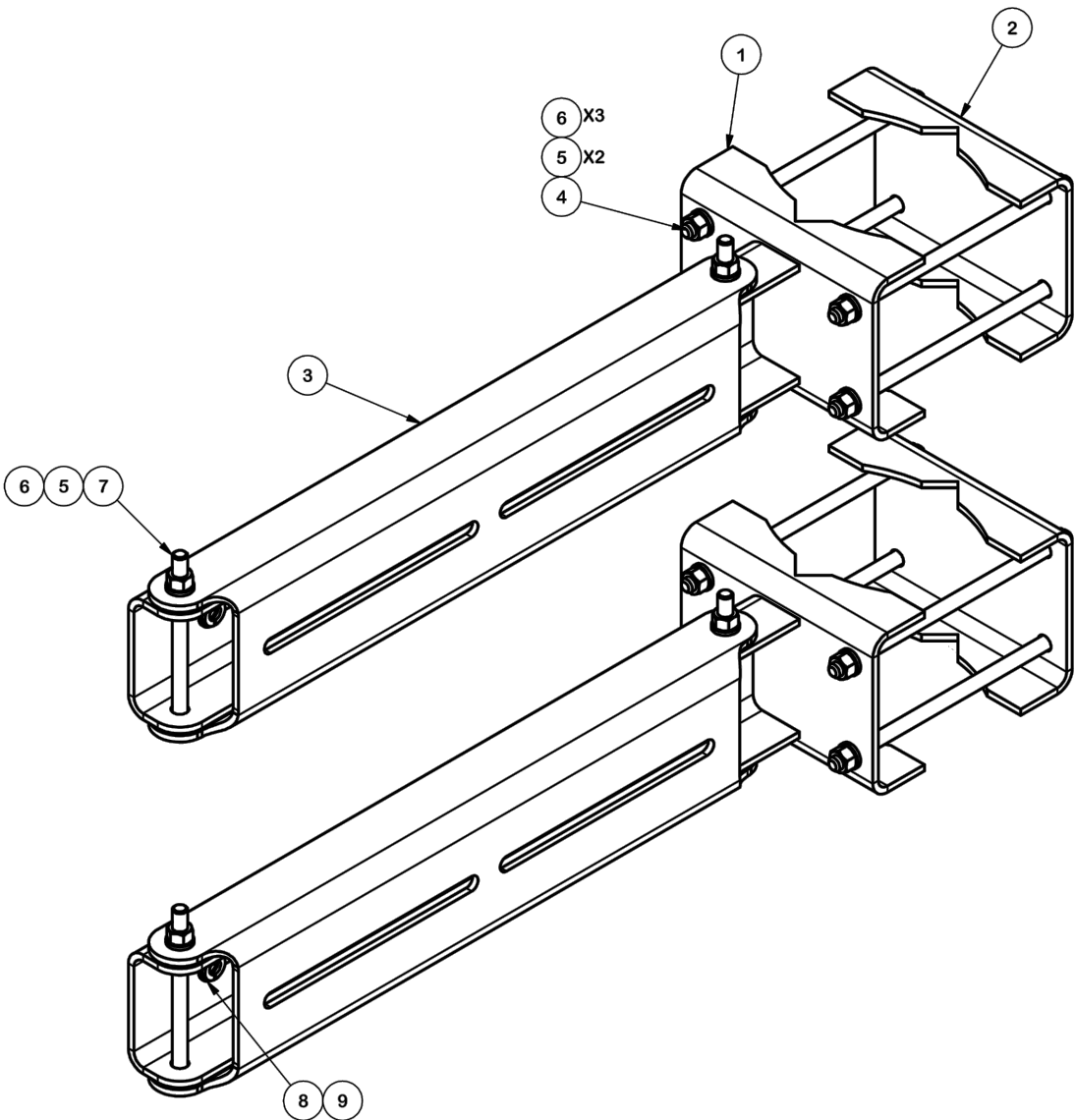
NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. GENERAL CONTRACTOR IS TO CHECK WITH THE AT&T MOBILITY CM TO ENSURE THIS IS THE MOST RECENT VERSION OF THE RFDS.

SUPPLEMENTAL	
SHEET NUMBER: R-602	REVISION: 1

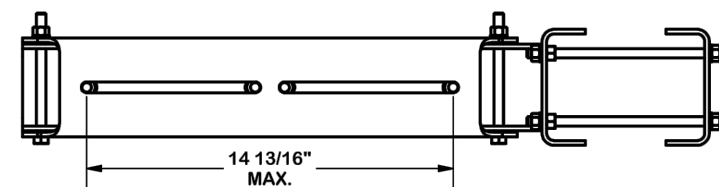
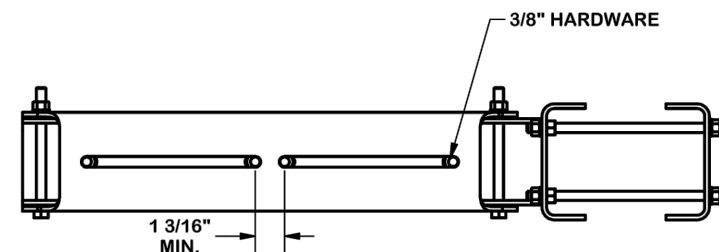
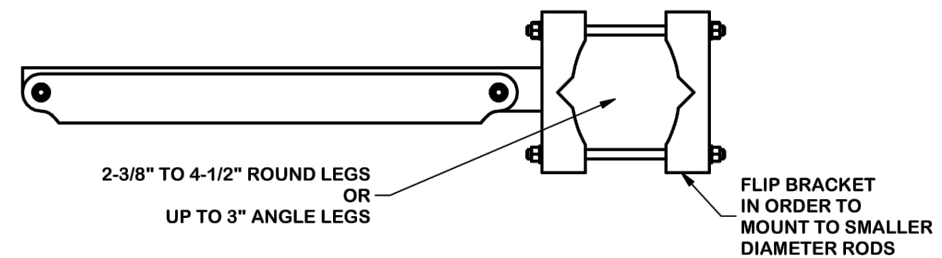


1 RFDS PLUMBING DIAGRAM

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



PARTS LIST					
ITEM	QTY	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	MOUNTING ARM		8.99	17.97
2	2	CLAMP PLATE		2.35	4.69
3	2	SWIVEL MOUNT		6.65	13.30
4	8	3/8"-16 UNC X 8" GALV. THREADED ROD		0.25	2.00
5	20	3/8" GALV LOCK WASHER		0.01	0.13
6	28	3/8"-16 UNC GALV HEX NUT		0.02	0.52
7	4	3/8" X 5" GALV BOLT		0.18	0.71
8	8	3/8" SS FLAT WASHER		0.01	0.06
9	8	3/8" SS LOCK WASHER		0.01	0.05
TOTAL WT. #				39.43	



TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
 SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$)
 DRILLED AND GAS CUT HOLES ($\pm 0.030"$) - NO CONING OF HOLES
 LASER CUT EDGES AND HOLES ($\pm 0.010"$) - NO CONING OF HOLES
 BENDS ARE $\pm 1/2$ DEGREE
 ALL OTHER MACHINING ($\pm 0.030"$)
 ALL OTHER ASSEMBLY ($\pm 0.060"$)

PROPRIETARY NOTE:
 THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION
 RRU
 DUAL SWIVEL MOUNT



Locations:
 New York, NY
 Atlanta, GA
 Los Angeles, CA
 Plymouth, IN
 Salem, OR
 Dallas, TX
 Engineering Support Team:
 1-888-753-7446

CPD NO.	DRAWN BY	ENG. APPROVAL
	CEK 1/12/2015	
CLASS	SUB	DRAWING USAGE
81	01	SHOP
		CHECKED BY
		BMC 2/3/2015

PART NO.	RRUDSM
DWG. NO.	RRUDSM

PAGE
 1 OF 1

1 PROPOSED RRU DUAL SWIVEL MOUNT DETAIL
 SCALE: N.T.S.

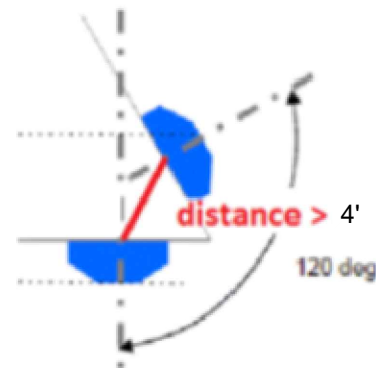
NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

SHEET NUMBER:
R-605
 REVISION:
1

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.

SUPPLEMENTAL

SHEET NUMBER:
R-606

REVISION:
1



Mount Analysis Report

ATC Asset Name : Tartaglia
ATC Asset Number : 383598
Engineering Number : 14178890_C8_01
Mount Elevation : 165 ft
Proposed Carrier : AT&T Mobility
Carrier Site Name : MRCTB057463
Carrier Site Number : CTL05093
Site Location : 1000 Trumbull Avenue
 Bridgeport, CT 6606
 41.21958, -73.201313
County : Fairfield
Date : January 25, 2023
Max Usage : 51%
Analysis Result : Pass - Pending Mod

Prepared By:
Sharon Thorne
Structural Engineer

Reviewed I



Authorized by "EOR"
29 Jan 2023 04:33:58

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-HD, dated June 29, 2018
Previous Analysis:	ATC Project #13682699_C8_09, dated June 29, 2022
Radio Frequency Data Sheet:	RFDS ID #10070948, dated January 17, 2023
Reference Photos:	Site photos from 2020
Other Document:	ATC Project # 13682699_G3 dated December 9, 2021

* The modifications by ATC Job # 13682699_C8_09 are scheduled to be installed at construction of the referenced project.

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 / 2021 IBC / 2022 Connecticut State Building Code
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 - Default
Live Loads:	Lm = 500 lbs, Lv = 250 lbs

Conclusion

Based on the analysis results, the mount meets the requirements per the applicable codes listed above. The mount can support the equipment as described in this report. If the pending modifications cited in the Supporting Documents table are not completed, the results of this analysis are no longer valid, and AT&T Mobility should contact American Tower's Site Manager for further direction on how to proceed.

- Analysis based on new installation of Site Pro 1 VFA14-HD V-Frame(s) (M900R(1500)-4[6]).

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.

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 CONTRACTOR IS TO VERIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONSTRUCTION.