APPROVED

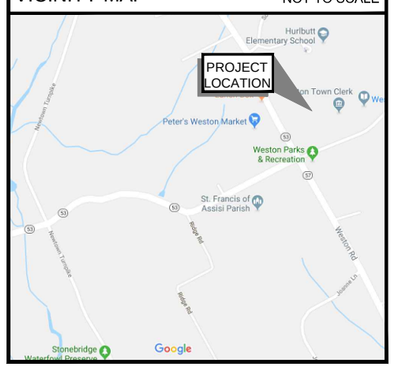
verizon

WESTON CT

CROWN CASTLE BU #:829046
56 NORFIELD RD. (TOWN HALL)
WESTON, CT 06883

VICINITY MAP

NOT TO SCALE



DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE LESSEE/LICENSEE REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

CONSULTANT TEAM

APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE WALLINGFORD, CT 06492 CONTACT: JAMES O'DONNELL
APPLICANT'S CONTACT:	JAMES O'DONNELL (413) 575-2626
ARCHITECT:	JACOBS ENGINEERING GROUP, INC. 120 SAINT JAMES AVENUE 5TH FLOOR BOSTON, MA 02116
STRUCTURAL ENGINEER:	JACOBS ENGINEERING GROUP, INC. 120 SAINT JAMES AVENUE 5TH FLOOR BOSTON, MA 02116
ELECTRICAL ENGINEER:	JACOBS ENGINEERING GROUP, INC. 120 SAINT JAMES AVENUE 5TH FLOOR BOSTON, MA 02116

PROJECT SUMMARY

VERIZON SITE NAME:	WESTON CT
CROWN CASTLE SITE NAME:	WESTON/RT-57/NORFIELD R
TOWER OWNER:	CROWN CASTLE LLC 67 SHARP STREET HINGHAM, MA 02043
COORDINATES:	N 41° 12' 8.40" W -73° 22' 46.60"
APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE WALLINGFORD, CT 06492

PROJECT DIRECTORY

SITE ADDRESS:	56 NORFIELD RD. (TOWN HALL) WESTON, CT 06883

PROJECT DESCRIPTION

INSTALL (6) ANTENNAS, INSTALL (6) RADIOS, INSTALL (1) OVP BOX, INSTALL (1) HYBRID CABLE, INSTALL (3) MOUNTS, REMOVE (6) ANTENNAS, REMOVE (6) RADIOS, REMOVE (1) OVP BOX AND REMOVE (1) HYBRID CABLE.

THIS DOCUMENT WAS DEVELOPED TO REFLECT A SPECIFIC SITE AND ITS SITE CONDITIONS AND IS NOT TO BE USED FOR ANOTHER SITE OR WHEN CONDITIONS PERTAIN. REUSE OF THIS DOCUMENT IS AT THE SOLE RISK OF THE USER.

A.D.A. COMPLIANCE:
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION

SHEET INDEX

T-1	TITLE SHEET
A-1	SITE PLAN
A-2	ELEVATION PLAN
A-3	EQUIPMENT DETAILS
A-4	PLUMBING DIA

811

UNDERGROUND SERVICE ALERT

THE LAW REQUIRES
TWO WORKING DAYS NOTICE PRIOR
TO ANY EARTH MOVING ACTIVITIES.
DIAL 811

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20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NEW YORK, 12065

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120 ST JAMES AVENUE
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BOSTON, MA 02116
TEL (617) 242-9222
FAX (617) 242-9824

STATE OF CONNECTICUT
DANIEL J. CORNING
34055
LICENSED
PROFESSIONAL ENGINEER

APPROVALS

LANDLORD _____
LEASING _____
R.F. _____
ZONING _____
CONSTRUCTION _____
A & E _____

PROJECT NO: ERCC0004

DRAWN BY: EBG

CHECKED BY: CAT

SUBMITTALS

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SITE NAME:
WESTON CT
CROWN CASTLE BU#:
829046

56 NORFIELD RD. (TOWN HALL)
WESTON, CT 06883

TITLE SHEET

T-1

CONSTRUCTION

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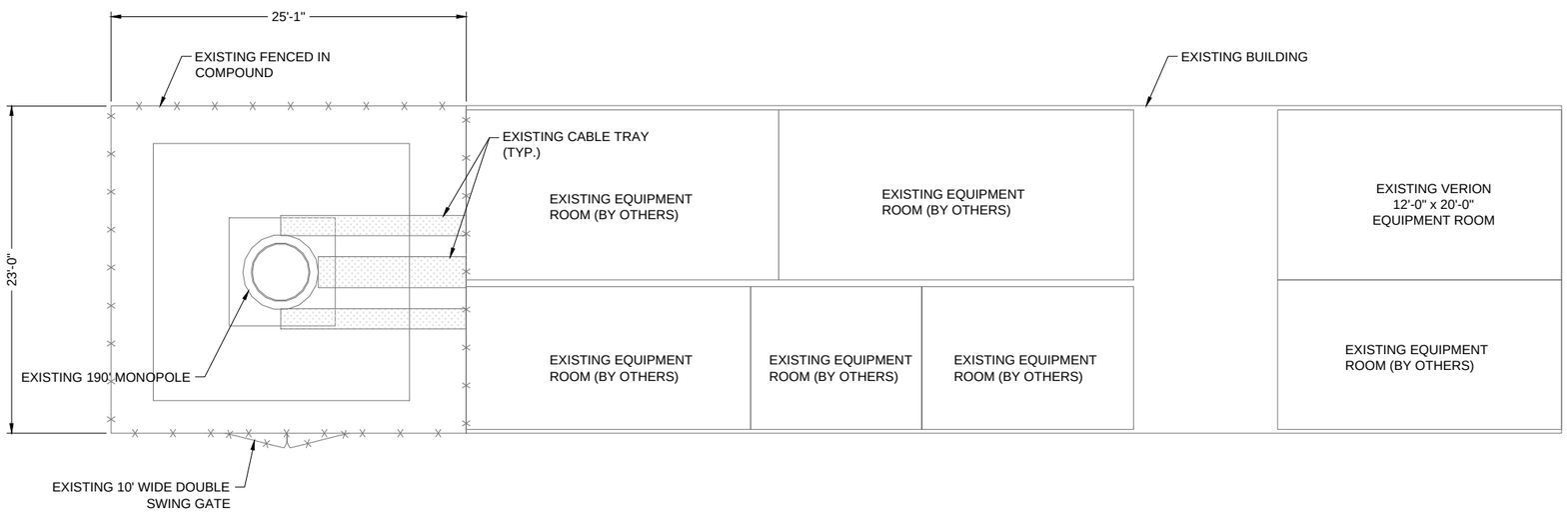

1
A–2

GENERAL NOTES:

1. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
2. NORTH SHOWN AS APPROXIMATE.
3. EXISTING ANTENNAS SHOWN AS APPROXIMATE. ELEVATION BASED ON EXISTING INFORMATION AND VISUAL INSPECTION AND HAVE NOT BEEN VERIFIED THROUGH AN ANTENNA MAPPING.
4. PLANS BASED ON DRAWINGS FROM CROWN CASTLE AS-BUILT.
5. ANTENNAS TO BE INSTALLED PER TOWER MANUFACTURER RECOMMENDATIONS AND TOWER STRUCTURAL ANALYSIS SPECIFICATIONS.
6. REUSED EXISTING ANTENNA MOUNTS AND COAX. INSPECT FOR DAMAGE OR DECAY AND REPLACE AS NEEDED PER STRUCTURAL ANALYSIS.
7. CONTRACTOR TO VERIFY FINAL ANTENNA DESIGN AND NOTIFY CARRIER AND ENGINEER WITH ANY DISCREPANCIES PRIOR TO THE INSTALLATION.
8. INSTALL ALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS.
9. ALL EQUIPMENT SHALL BE GROUNDED PER VERIZON WIRELESS STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
10. EQUIPMENT MOUNTING DETAIL IS PROVIDED AS SCHEMATIC IN NATURE WITH SUGGESTED PART NUMBERS, ACTUAL PARTS, MOUNTING METHOD, LOCATION AND ORIENTATION MUST BE IN ACCORDANCE WITH THE STRUCTURAL ANALYSIS OR CONFIRMED WITH THE STRUCTURAL ENGINEER THAT COMPLETED THE REPORT IF NOT PROVIDED.
11. ALL PROPOSED EQUIPMENT INCLUDING ANTENNAS, COAX, SURGE ARRESTORS, RRU'S, ETC. SHALL BE MOUNTED IN ACCORDANCE WITH THE STRUCTURAL ANALYSIS (BY OTHERS)
12. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR PRIOR TO ALL FABRICATION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO ENGINEER.
13. CONSTRUCTION SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THESE DRAWINGS DO NOT INCLUDE NECESSARY SAFETY COMPONENTS.
14. BRACE STRUCTURES SUCH AS LATERAL BRACING, ANCHOR BOLTS, ETC. SHALL BE INSTALLED UNTIL ALL STRUCTURAL ELEMENTS REACH TO REQUIRED STABILITY.
15. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OF NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE OWNER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING.
16. EACH CONTRACTOR SHALL COOPERATE WITH THE OWNER'S REPRESENTATIVE AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
17. REPAIR ANY DAMAGE DURING CONSTRUCTION TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE CONSTRUCTION MANAGER.
18. CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
19. REUSE EXISTING ANTENNA MOUNTS AND COAX. INSPECT FOR DAMAGE OR DECAY AND REPLACE AS NEEDED PER STRUCTURAL ANALYSIS.
20. CONTRACTOR TO VERIFY FINAL ANTENNA DESIGN AND NOTIFY CARRIER AND ENGINEER WITH ANY DISCREPANCIES PRIOR TO THE INSTALLATION.

1 **SITE PLAN**

SCALE: 3/16" = 1'-0"

verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NEW YORK, 12065

JACOBS
Jacobs Engineering Group, Inc.
120 ST JAMES AVENUE
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34055
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APPROVALS

LANDLORD _____
LEASING _____
R.F. _____
ZONING _____
CONSTRUCTION _____
A & E _____

PROJECT NO: ERCC0004

DRAWN BY: EBG

CHECKED BY: CAT

SUBMITTALS

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56 NORFIELD RD. (TOWN HALL)
WESTON, CT 06883

SITE PLAN

A-1

CONSTRUCTION

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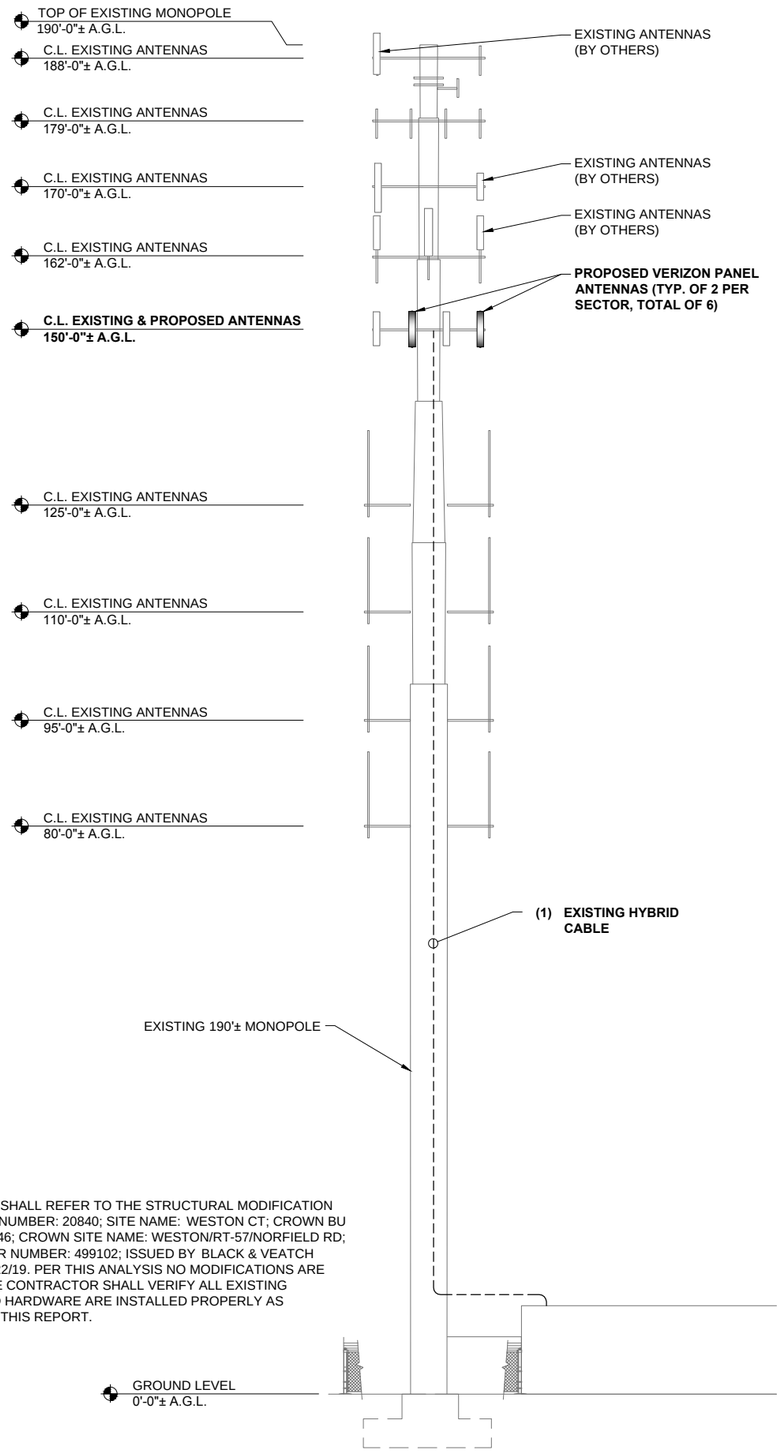
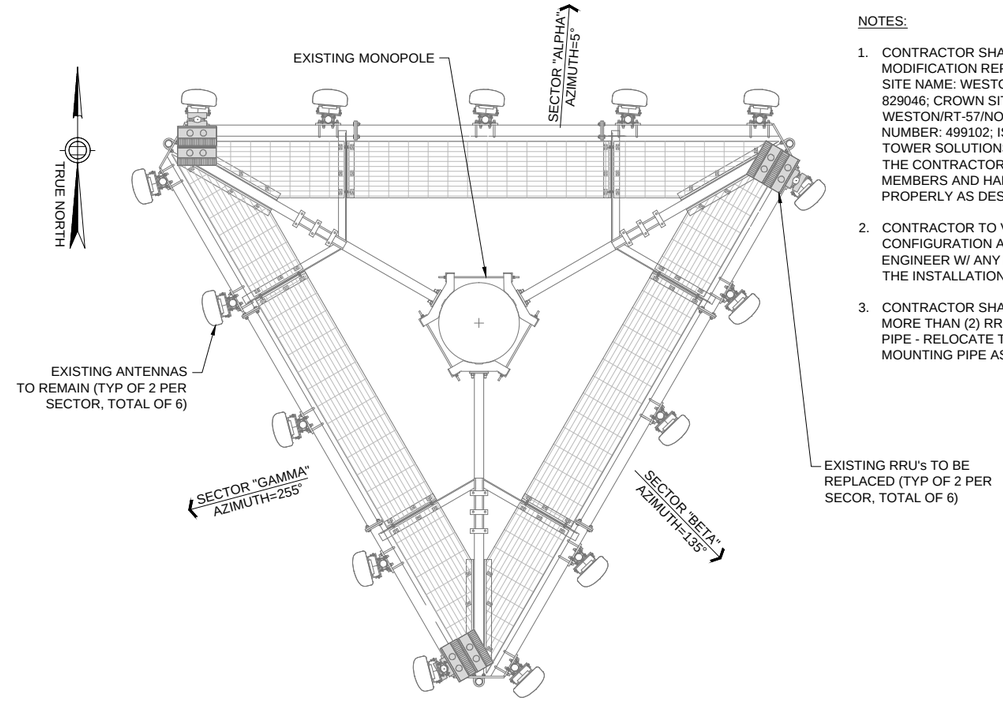


NOTES:

1. CONTRACTOR SHALL REFER TO THE STRUCTURAL MODIFICATION REPORT; SITE NUMBER: 20840; SITE NAME: WESTON CT; CROWN BU NUMBER: 829046; CROWN SITE NAME: WESTON/RT-57/NORFIELD RD; CROWN ORDER NUMBER: 499102; ISSUED BY BLACK & VEATCH DATED ON 07/22/19. PER THIS ANALYSIS NO MODIFICATIONS ARE REQUIRED.THE CONTRACTOR SHALL VERIFY ALL EXISTING MEMBERS AND HARDWARE ARE INSTALLED PROPERLY AS DESCRIBED IN THIS REPORT.

1 SITE ELEVATION

SCALE:3/32" = 1'-0"

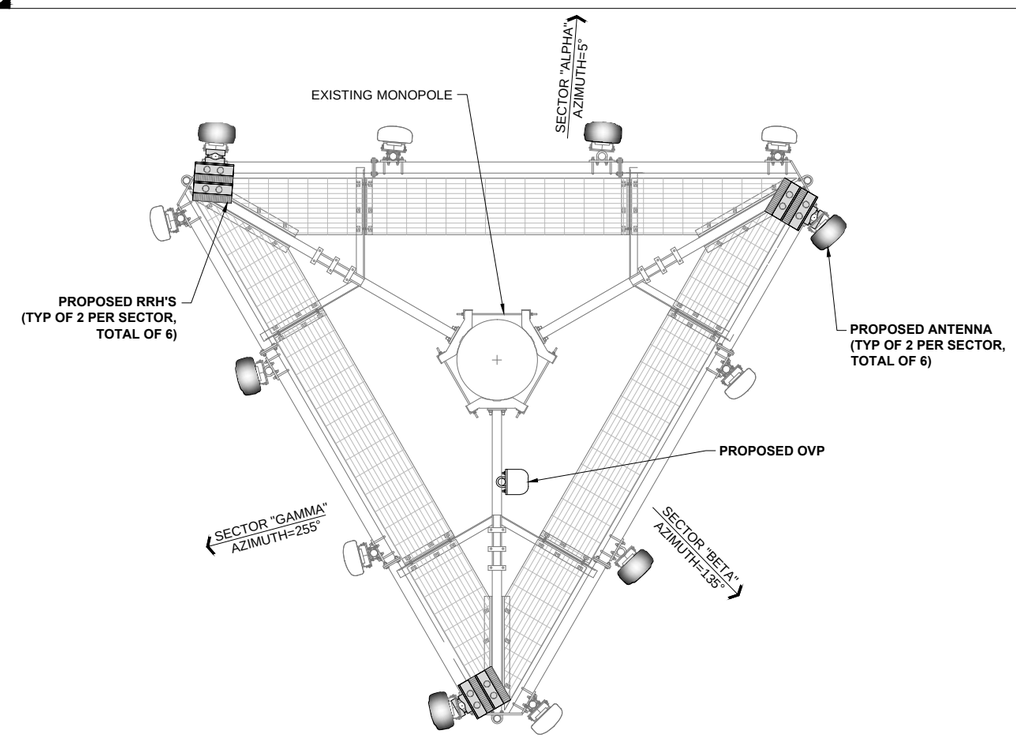


NOTES:

1. CONTRACTOR SHALL REFER TO THE MOUNT MODIFICATION REPORT; SITE NUMBER: 20840; SITE NAME: WESTON CT; CROWN BU NUMBER: 829046; CROWN SITE NAME: WESTON/RT-57/NORFIELD RD; CROWN ORDER NUMBER: 499102; ISSUED BY ENGINEERED TOWER SOLUTIONS PLLC, DATED ON 07/15/19. THE CONTRACTOR SHALL VERIFY ALL EXISTING MEMBERS AND HARDWARE ARE INSTALLED PROPERLY AS DESCRIBED IN THIS REPORT.
2. CONTRACTOR TO VERIFY FINAL RF CONFIGURATION AND NOTIFY CARRIER AND ENGINEER W/ ANY DISCREPANCIES PRIOR TO THE INSTALLATION.
3. CONTRACTOR SHALL NOT EXCEED MOUNTING MORE THAN (2) RRHS PER ANTENNA MOUNTING PIPE - RELOCATE TO AN ADJACENT ANTENNA MOUNTING PIPE AS NEEDED.

2 EXISTING ANTENNA LAYOUT

SCALE:3/32"=1'-0"



3 PROPOSED ANTENNA LAYOUT

SCALE:3/32"=1'-0"

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20 ALEXANDER DRIVE
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PROJECT NO: ERCC0004

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SITE ELEVATION AND
ANTENNA LAYOUT

A-2

CONSTRUCTION

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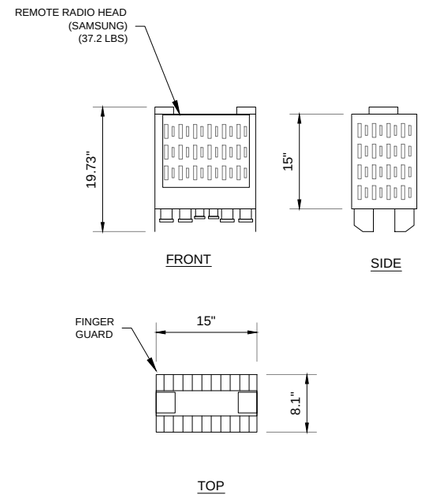
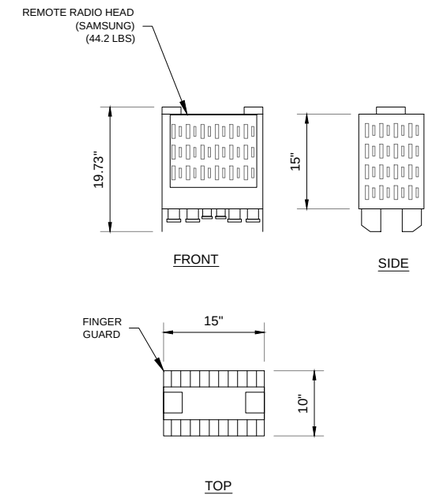
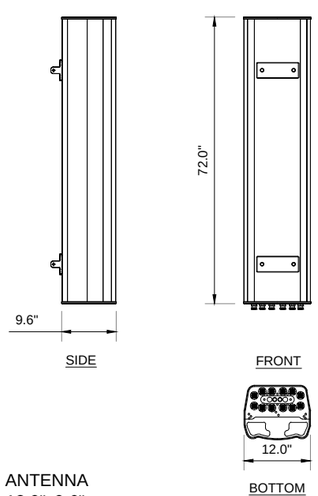
1 **GENERAL NOTES** SCALE: NTS



2 **SAMSUNG 700/850 RRH - RFV01U-D2A** SCALE: NTS



3 SAMSUNG 1900/2100 RRH - RFV01U-D1A SCALE: NTS



QUINTEL QS665-5D ANTENNA
DIMENSIONS: 72.0"x12.0"x9.6"
WEIGHT: 88.0 LBS.

4 **QUNTEL QS6656-5D ANTENNA** SCALE: NTS

5 **DETAIL NOT USED** SCALE: NTS

6 **DETAIL NOT USED** SCALE: NTS

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CHECKED BY: CAT

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56 NORFIELD RD. (TOWN HALL)
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EQUIPMENT DETAILS

A-3

CONSTRUCTION

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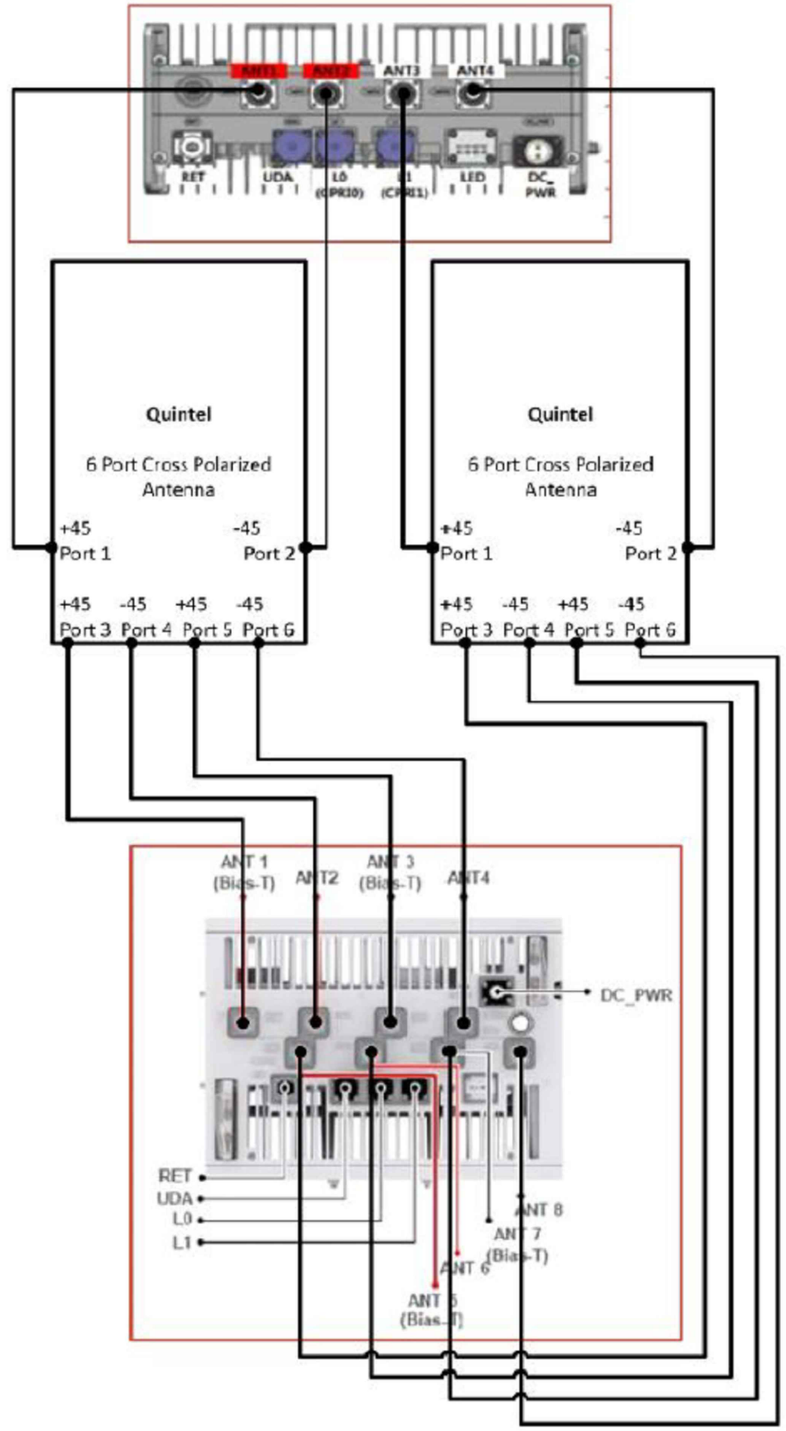

1 **SCHEMATIC PLUMBING DIAGRAM**

SCALE: NTS

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PLUMBING DIA

A-4

CONSTRUCTION

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