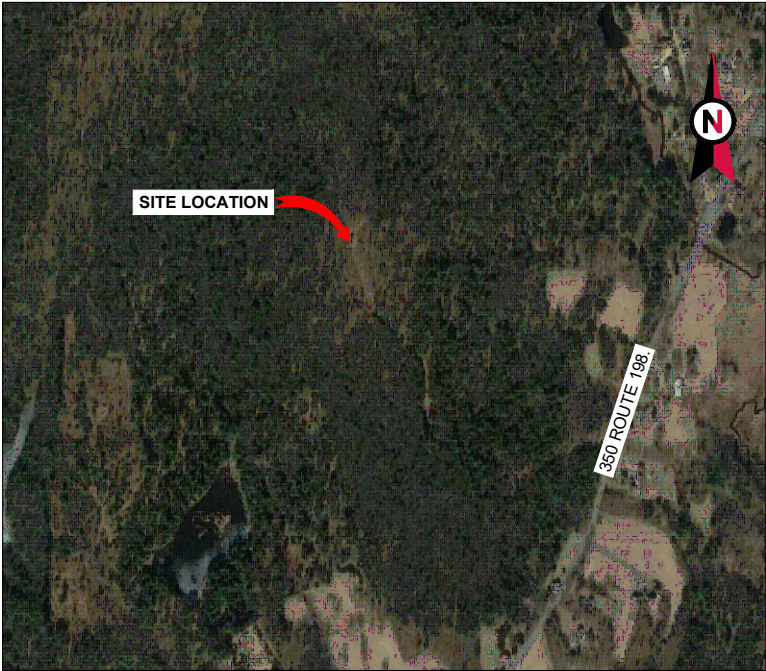


VICINITY MAP



AMERICAN TOWER®


ATC SITE NAME: WOODSTOCK 2 CT
ATC SITE NUMBER: 283425
VERIZON SITE NAME: WOODSTOCK VALLEY CT-A
VERIZON SITE NUMBER: 467968
SITE ADDRESS: 350 ROUTE 198
WOODSTOCK VALLEY, CT 06282




LOCATION MAP

VERIZON
5G L-SUB6 CARRIER ADD ANTENNA AMENDMENT DRAWINGS

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> <p>1. 2018 CONNECTICUT STATE BUILDING CODE-AMENDMENTS TO IBC 2015</p> <p>2. INTERNATIONAL BUILDING CODE 2015, INTERNATIONAL CODE COUNCIL</p> <p>3. TIA-222-G-4, STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS</p> <p>4. ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, AMERICAN SOCIETY OF CIVIL ENGINEERS</p> <p>5. STEEL CONSTRUCTION MANUAL 14TH EDITION, AMERICAN INSTITUTE OF STEEL CONSTRUCTION</p> <p>6. CITY/COUNTY ORDINANCES</p>	<p><u>SITE ADDRESS:</u></p> <p>350 ROUTE 198</p> <p>WOODSTOCK VALLEY, CT 06282</p> <p>COUNTY: WINDHAM</p> <p><u>GEOGRAPHIC COORDINATES:</u></p> <p>LATITUDE: 41.93943</p> <p>LONGITUDE: -72.08201</p> <p>GROUND ELEVATION: 800’ AMSL</p>	<p>THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:</p> <p><u>TOWER WORK:</u></p> <p>REMOVE (3) ANTENNA(s) AND (3) RRH(s),</p> <p>RELOCATE (6) ANTENNA(s)</p> <p>INSTALL MOUNT MODIFICATIONS, (3) ANTENNA(s) AND (9) RRH(s)</p> <p>EXISTING (2) OVP(s) AND (2) 6X12 1-5/8" HYBRID CABLE(s) TO REMAIN</p> <p><u>GROUND WORK:</u></p> <p>REMOVE (3) RRH(s) INSIDE SHELTER</p>	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
			G-001	TITLE SHEET	0	10/05/21	BR
			G-002	GENERAL NOTES	0	10/05/21	BR
			C-101	DETAILED SITE PLAN	0	10/05/21	BR
			C-201	TOWER ELEVATION	0	10/05/21	BR
			C-401	ANTENNA INFORMATION & SCHEDULE	0	10/05/21	BR
			C-501	CONSTRUCTION DETAILS	0	10/05/21	BR
			E-501	GROUNDING DETAILS	0	10/05/21	BR
			R-601	SUPPLEMENTAL			
			R-602	SUPPLEMENTAL			
			MOUNT MODIFICATION DRAWING (9 SHEETS)				
			</				





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PHONE: 617.695.3400
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REV.	DESCRIPTION	BY	DATE
A	PRELIM	PP	05/28/21
0	FINAL	BR	10/05/21


ATC SITE NUMBER:
283425


ATC SITE NAME:
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VERIZON SITE NAME:
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SITE ADDRESS:
350 ROUTE 198
WOODSTOCK VALLEY, CT 06282

SEAL:





DATE DRAWN:	05/28/21
ATC JOB NO:	13669424
CUSTOMER ID:	WOODSTOCK VALLEY CT-A
CUSTOMER #:	467968

TITLE SHEET

SHEET NUMBER: G-001	REVISION: 0
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GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "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 VERIZON 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 VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON 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 VERIZON 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 VERIZON 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 VERIZON 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 VERIZON 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 VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON 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 VERIZON 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 NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT 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 VERIZON REP. ANY WORK FOUND BY THE VERIZON 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. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, 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. VERIZON 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 VERIZON OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION

ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
- A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OD COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL AND

B. INSTALL ANTENNA AS INDICATE ON DRAWINGS AND VERIZON 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 GREED GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPICE 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.



AMERICAN TOWER®



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REV.	DESCRIPTION	BY	DATE
<div>A</div>	PRELIM	PP	05/28/21
<div>0</div>	FINAL	BR	10/05/21
<div></div>			
<div></div>			
<div></div>			

ATC SITE NUMBER:
283425

ATC SITE NAME:
WOODSTOCK 2 CT

VERIZON SITE NAME:
WOODSTOCK VALLEY CT-A

SITE ADDRESS:
350 ROUTE 198
WOODSTOCK VALLEY, CT 06282

SEAL:



DATE DRAWN:	05/28/21
ATC JOB NO:	13669424
CUSTOMER ID:	WOODSTOCK VALLEY CT-A
CUSTOMER #:	467968

GENERAL NOTES

SHEET NUMBER:

G-002

REVISION:

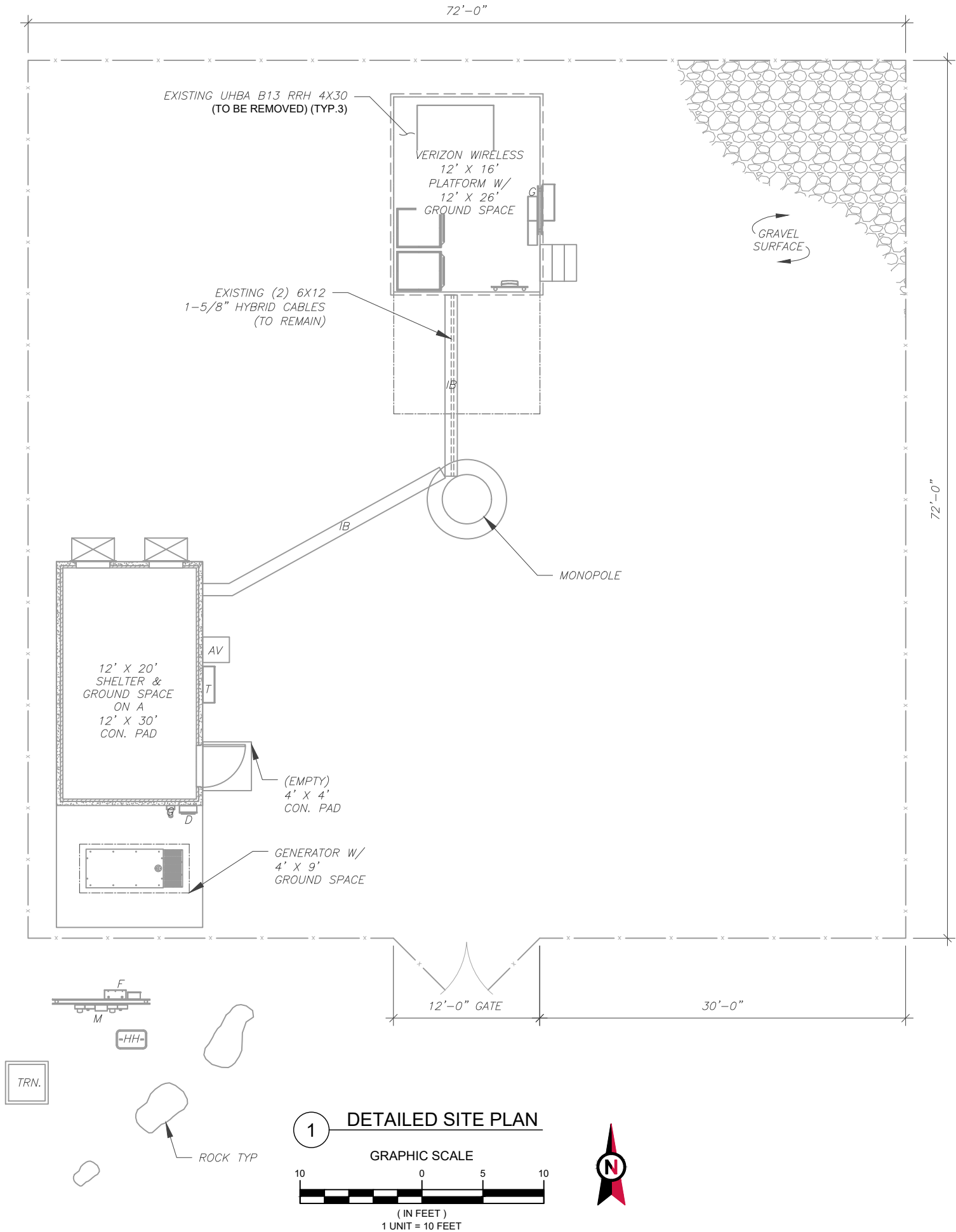
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SITE PLAN NOTES:

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.
- NO ELECTRICAL SCOPE IS INCLUDED IN THIS PROJECT.

LEGEND

⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACAL
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



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WOODSTOCK VALLEY CT-A

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350 ROUTE 198
WOODSTOCK VALLEY, CT 06282

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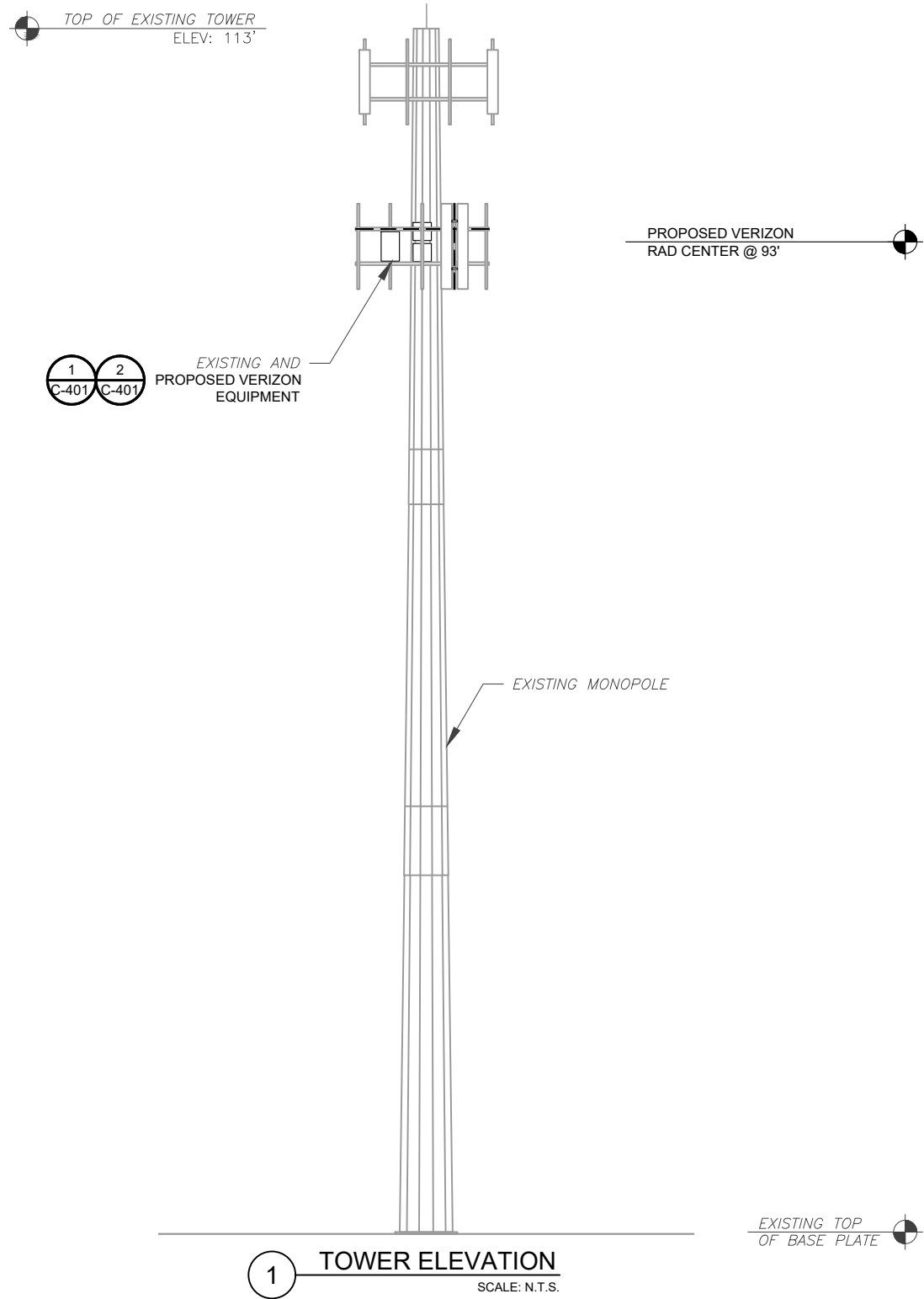


verizon

DATE DRAWN:	05/28/21
ATC JOB NO:	13669424
CUSTOMER ID:	WOODSTOCK VALLEY CT-A
CUSTOMER #:	467968

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0



PER MOUNT ANALYSIS COMPLETED BY GPD
ENGINEERING AND ARCHITECTURE
PROFESSIONAL CORPORATION, DATED
08/11/2021, THE EXISTING MOUNT MUST BE
MODIFIED TO ADEQUATELY SUPPORT THE
PROPOSED LOADING. THE MOUNT MODIFICATION
DETAILED 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
IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR
OTHER LOCAL REQUIREMENTS.
 3. TOWER ELEVATIONS ARE MEASURED FROM TOP
OF BASE PLATE TO MATCH STRUCTURAL
ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE
ABOVE GROUND LEVEL (A.G.L.)



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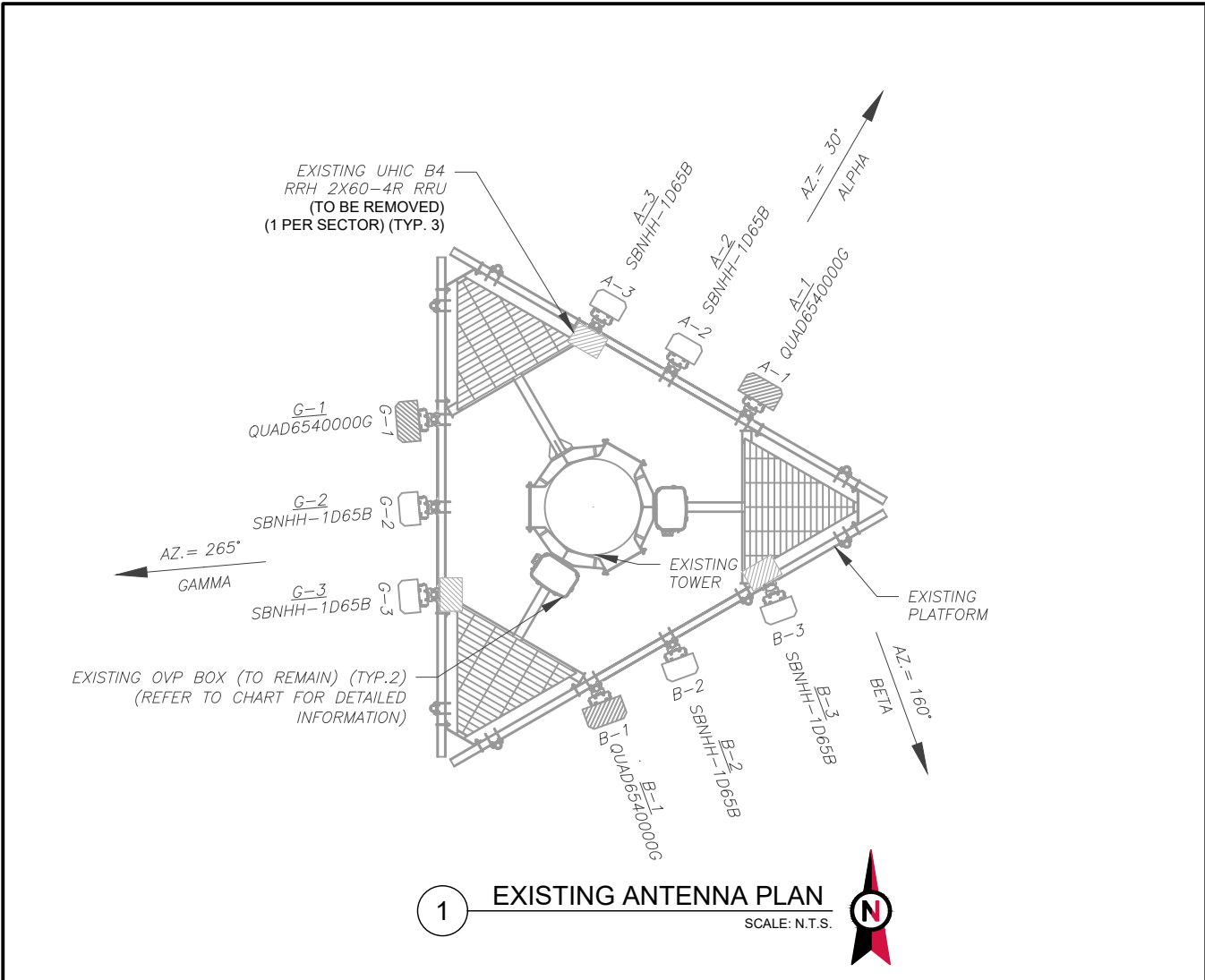
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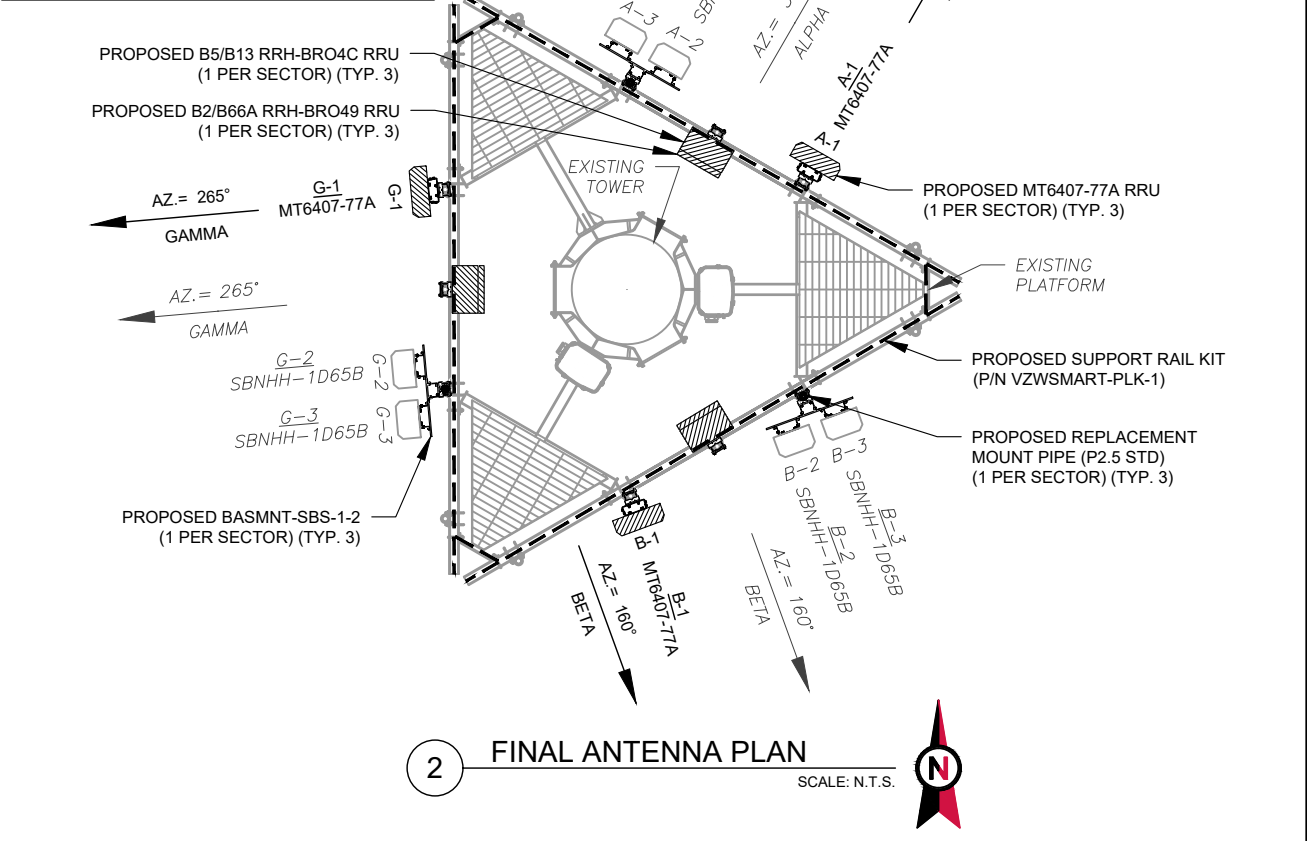
DATE DRAWN:	05/28/21
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CUSTOMER #:	467968

TOWER ELEVATION

SHEET NUMBER: C-201	REVISION: 0
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PER MOUNT ANALYSIS COMPLETED BY GPD ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION, DATED 08/11/2021, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION DETAILED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



EXISTING ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT
ALPHA	93°	30°	A1	QUAD6540000G	-	-	RMV	-
			A2	SBNHH-1D65B	700/AWS	0/0,0	REL	-
			A3	SBNHH-1D65B	700/AWS	0/0,0	REL	UHIC B4 RRH 2X60-4R
BETA	93°	160°	B1	QUAD6540000G	-	-	RMV	-
			B2	SBNHH-1D65B	700/AWS	0/0,0	REL	-
			B3	SBNHH-1D65B	700/AWS	0/0,0	REL	UHIC B4 RRH 2X60-4R
GAMMA	93°	265°	G1	QUAD6540000G	-	-	RMV	-
			G2	SBNHH-1D65B	700/AWS	0/0,0	REL	-
			G3	SBNHH-1D65B	700/AWS	0/0,0	REL	UHIC B4 RRH 2X60-4R

- NOTES
1. CONFIRM WITH VERIZON REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
 2. CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.

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	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	93°	30°	A1	MT6407-77A	L-SUB6	0/6	ADD	MT6407-77A	ADD
			A2	SBNHH-1D65B	700/850/1900/AWS	0/0,0,0	REL	B5/B13 RRH-BR04C	ADD
			A3	SBNHH-1D65B	700/850/1900/AWS	0/0,0,0	REL	B2/B66A RRH-BR049	ADD
BETA	93°	160°	B1	MT6407-77A	L-SUB6	0/6	ADD	MT6407-77A	ADD
			B2	SBNHH-1D65B	700/850/1900/AWS	0/0,0,0	REL	B5/B13 RRH-BR04C	ADD
			B3	SBNHH-1D65B	700/850/1900/AWS	0/0,0,0	REL	B2/B66A RRH-BR049	ADD
GAMMA	93°	265°	G1	MT6407-77A	L-SUB6	0/6	ADD	MT6407-77A	ADD
			G2	SBNHH-1D65B	700/850/1900/AWS	0/0,0,0	REL	B5/B13 RRH-BR04C	ADD
			G3	SBNHH-1D65B	700/850/1900/AWS	0/0,0,0	REL	B2/B66A RRH-BR049	ADD

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) DB-T1-6Z-8AB-0Z	RMN	-	(2) 6X12 1-5/8"	RMN

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) DB-T1-6Z-8AB-0Z	RMN	-	(2) 6X12 1-5/8"	RMN



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350 ROUTE 198
WOODSTOCK VALLEY, CT 06282

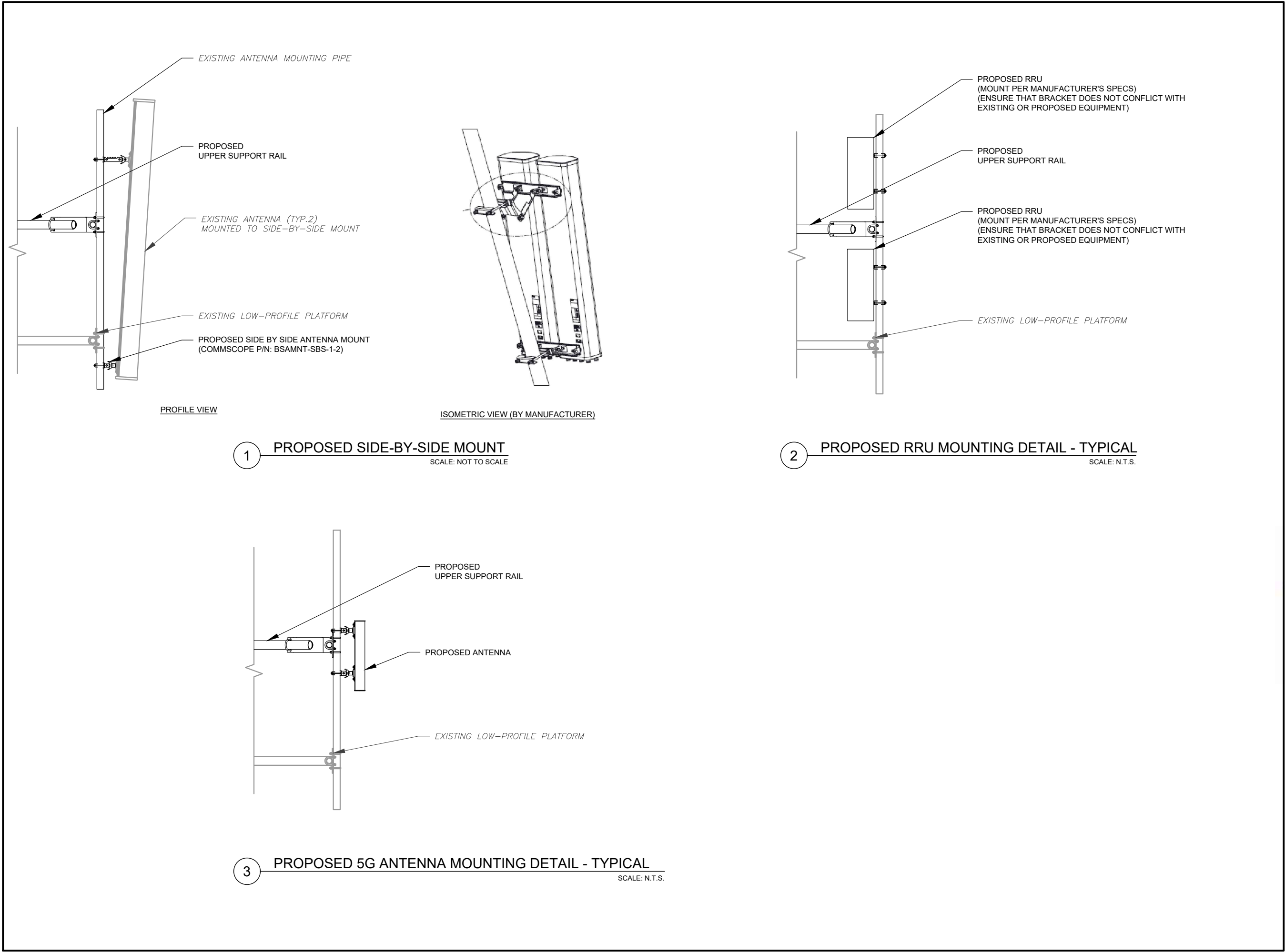
SEAL:




DATE DRAWN:	05/28/21
ATC JOB NO:	13669424
CUSTOMER ID:	WOODSTOCK VALLEY CT-A
CUSTOMER #:	467968


ANTENNA INFORMATION
& SCHEDULE

SHEET NUMBER: C-401	REVISION: 0
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AMERICAN TOWER®



Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
A	PRELIM	PP	05/28/21
0	FINAL	BR	10/05/21


ATC SITE NUMBER:
283425


ATC SITE NAME:
WOODSTOCK 2 CT

VERIZON SITE NAME:
WOODSTOCK VALLEY CT-A

SITE ADDRESS:
350 ROUTE 198
WOODSTOCK VALLEY, CT 06282

SEAL:

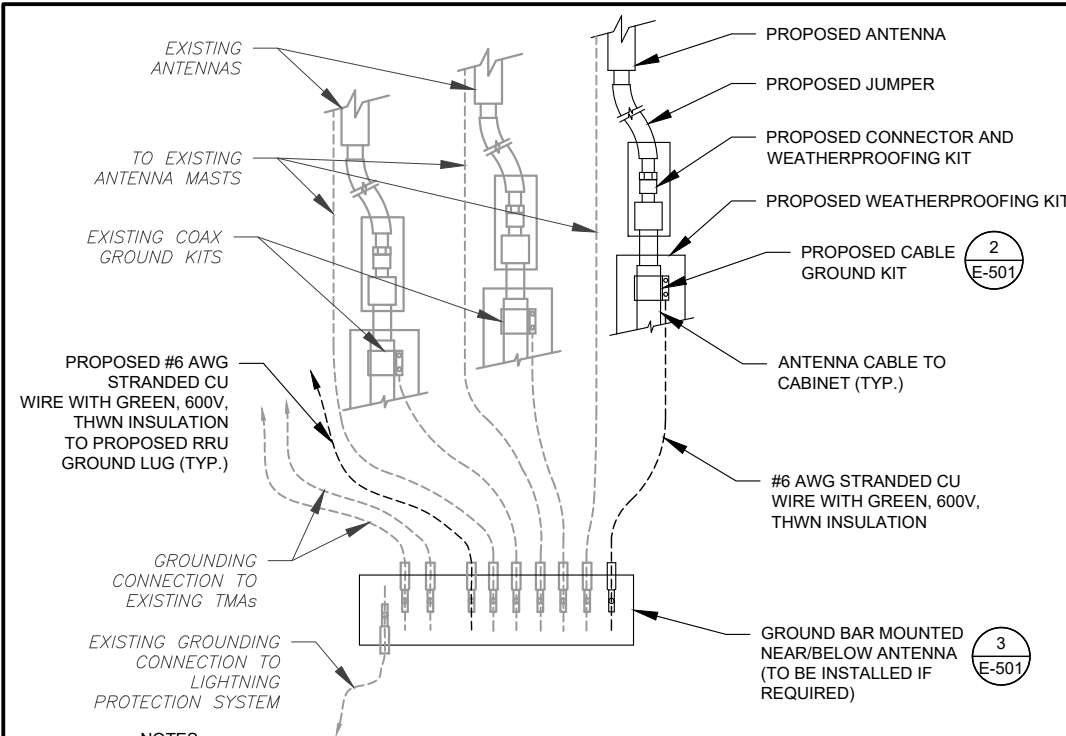




DATE DRAWN:	05/28/21
ATC JOB NO:	13669424
CUSTOMER ID:	WOODSTOCK VALLEY CT-A
CUSTOMER #:	467968

CONSTRUCTION
DETAILS

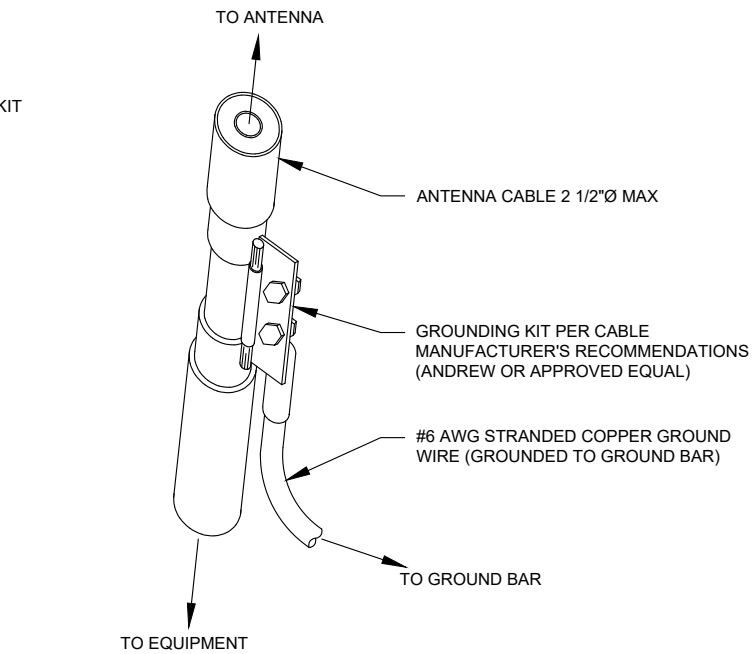
SHEET NUMBER: C-501	REVISION: 0
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NOTES:

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 VERIZON GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

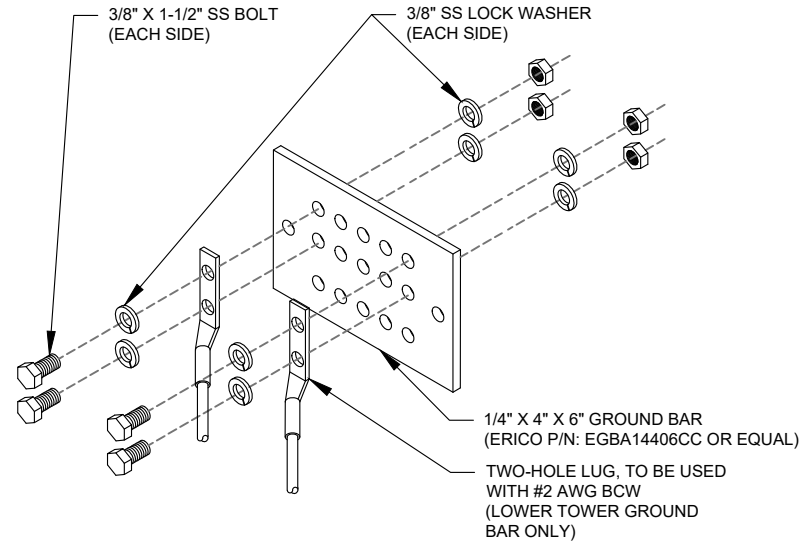
1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.



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.



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99 SUMMER STREET
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BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
A	PRELIM	PP	05/28/21
0	FINAL	BR	10/05/21

ATC SITE NUMBER:
283425

ATC SITE NAME:
WOODSTOCK 2 CT

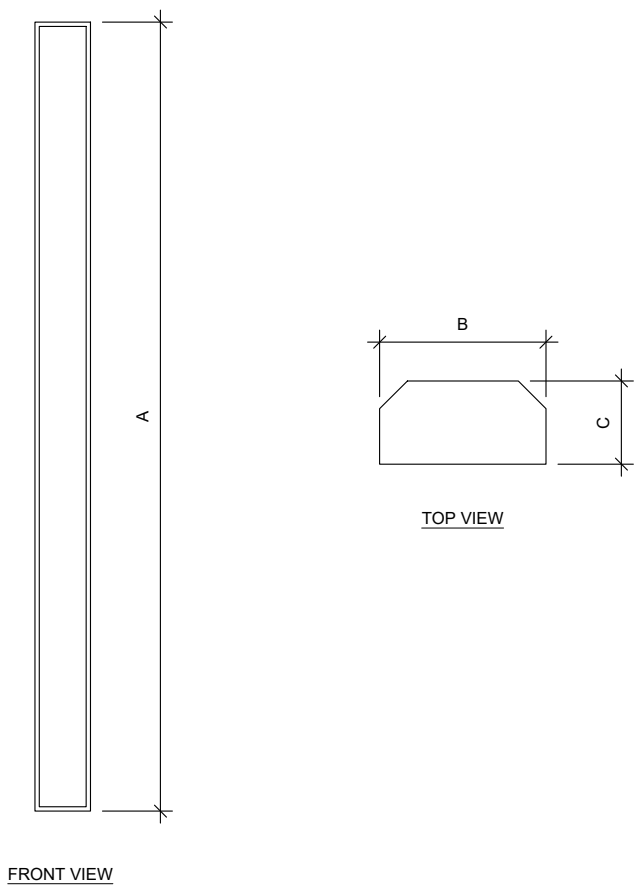
VERIZON SITE NAME:
WOODSTOCK VALLEY CT-A

SITE ADDRESS:
350 ROUTE 198
WOODSTOCK VALLEY, CT 06282



DATE DRAWN:	05/28/21
ATC JOB NO:	13669424
CUSTOMER ID:	WOODSTOCK VALLEY CT-A
CUSTOMER #:	467968

GROUNDING DETAILS	
SHEET NUMBER: E-501	REVISION: 0

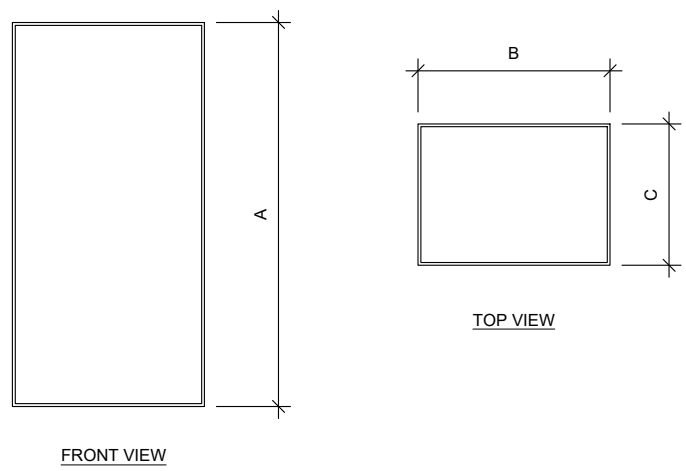


1

ANTENNA SPECIFICATIONS

FOR ILLUSTRATIVE PURPOSES ONLY - NOT TO SCALE

ANTENNA SPECIFICATIONS				
ANTENNA MODEL	A	B	C	WEIGHT (LBS)
MT6407-77A	35.1"	16.1"	5.5"	81.6




2

RRU SPECIFICATIONS

FOR ILLUSTRATIVE PURPOSES ONLY - NOT TO SCALE

RRU SPECIFICATIONS				
RRU MODEL	A	B	C	WEIGHT (LBS)
B2/B66A RRH-BR049	15.0"	15.0"	10.0"	84.4
B5/B13 RRH-BR04C	15.0"	15.0"	8.1"	70.3
MT6407-77A	35.1"	16.1"	5.5"	81.6



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99 SUMMER STREET
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PHONE: 617.695.3400
FAX: 617.695.3310

ATC SITE NUMBER:
283425

ATC SITE NAME:
WOODSTOCK 2 CT

VERIZON SITE NAME:
WOODSTOCK VALLEY CT-A

SITE ADDRESS:
350 ROUTE 198
WOODSTOCK VALLEY, CT 06282

SEAL:



DATE DRAWN:	05/28/21
ATC JOB NO:	13669424
CUSTOMER ID:	WOODSTOCK VALLEY CT-A
CUSTOMER #:	467968

SUPPLEMENTAL

SHEET NUMBER:

R-601



GPD Engineering And Architecture Professional Corporation
520 South Main Street, Suite 2531
Akron, OH 44311
(317) 295-3174

Maser Consulting Contact:
Peter.albano@colliersengineering.com
(856) 371-9457



Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10091169
GPD Project #: 2021740.467968.02
Maser Project #: 21777447

August 11, 2021

Site Information

Site ID: 467968-VZW / WOODSTOCK VALLEY CT - A
Site Name: WOODSTOCK VALLEY CT - A
Carrier Name: Verizon Wireless
Address: ATC Tower 350 Rte 198
Woodstock, Connecticut 06282, Windham County
Latitude: 41.939333°
Longitude: -72.081836°

Structure Information

Tower Type: Monopole
Mount Type: 12.50-Ft Platform Mount

FUZE ID # 16272143

Analysis Results

Platform Mount: 76.0% Pass

***Contractor PMI Requirements:

Included at the end of this MA report

Available & Submitted via portal at <https://pmi.vzwsmart.com>

Contractor - Please Review Specific Site PMI Requirements Upon Award

Requirements also Noted on Mount Modification Drawings

Requirements may also be Noted on A & E drawings

Report Prepared by: Eric Nieto

Respectfully Submitted by:

Christopher J. Scheks, P.E.
Connecticut #: 0030026



8/11/2021

Mount Post-Modification Analysis Report
(1) 12.50-Ft Platform Mount

August 11, 2021
Site ID: 467968-VZW / WOODSTOCK VALLEY CT - A
Page | 5

Analysis Results:

Component	Utilization %	Pass/Fail
Toe Rail	13.0 %	Pass
Standoff Arm	40.4 %	Pass
Cross Arm	22.2 %	Pass
Grating Angle	12.5 %	Pass
Connection Plate (End)	13.9 %	Pass
Connection Plate (Mid)	37.8 %	Pass
Mod Pipe Mount (P2.5 STD)	20.3 %	Pass
Pipe Mount (P2 STD)	23.5 %	Pass
Mod Support Rail	15.6 %	Pass
Mod Support Rail Corner Angle	22.0 %	Pass
Mount Connection	76.0 %	Pass

Structure Rating – (Controlling Utilization of all Components)	76.0%
--	-------

Recommendation:

The existing mount will be **SUFFICIENT** for the final loading after the proposed modifications are successfully completed.

ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

Attachments:

1. Mount Photos
2. Analysis Calculations
3. Contractor Required PMI Report Deliverables
4. Antenna Placement Diagrams
5. TIA Adoption Wind Speed Letter



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ATC SITE NAME:
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VERIZON SITE NAME:
WOODSTOCK VALLEY CT-A

SITE ADDRESS:
350 ROUTE 198
WOODSTOCK VALLEY, CT 06282

SEAL:



DATE DRAWN:	05/28/21
ATC JOB NO:	13669424
CUSTOMER ID:	WOODSTOCK VALLEY CT-A
CUSTOMER #:	467968

SUPPLEMENTAL

SHEET NUMBER:

R-602

WOODSTOCK VALLEY CT - A

SITE #: 467968

SMART TOOL PROJECT #: 10091169



PROJECT CONTACTS:

MASER CONSULTING CONTACT:

PETER ALBANO
PETER.ALBANO@COLLIERSENGINEERING.COM
(856) 371-9457
PROJECT #: 21777447

ENGINEER CONTACT:

GPD ENGINEERING AND ARCHITECTURE
PROFESSIONAL CORPORATION
520 SOUTH MAIN STREET, SUITE 2531
AKRON, OH 44311
(330)572-2100
FOR QUESTIONS PLEASE EMAIL:
GPDMODS@GPDGROUP.COM

SHEET INDEX:

T-01: TITLE SHEET
N-01: PROJECT NOTES & INSPECTION CHECKLIST
S-01: BILL OF MATERIALS
S-02: CLIMBING FACILITY DETAIL
S-03: MODIFICATION SCHEDULE & DETAILS
S-04 - S-05: DETAILS/PARTS
S-06: MOUNT GEOMETRY VERIFICATION
P-01: MOUNT PHOTOS

CONTRACTOR PMI REQUIREMENTS:

PMI LOCATION:	HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #:	10091169
VZW LOCATION CODE (PSLC):	467968
FUZE ID:	16272143

REFERENCED DOCUMENTS:

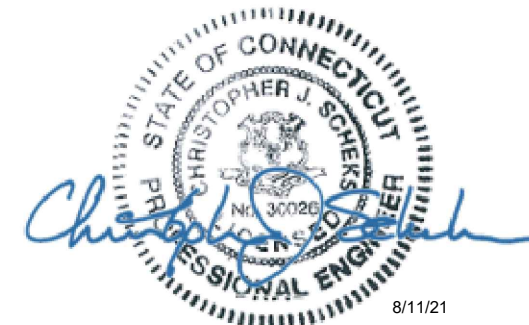
PASSING MOUNT ANALYSIS REPORT	
SMART TOOL PROJECT #:	10091169
GPD PROJECT #:	2021740.467968.02
ANALYSIS DATE:	8/11/2021

MOUNT INFORMATION:

MOUNT TYPE: 12'-6" PLATFORM
SITE LOCATION:
LAT.: 41.939333°
LONG.: -72.081836°
STREET ADDRESS: ATC TOWER 350 RTE 198
CITY, STATE ZIP: WOODSTOCK, CT 06282
COUNTY: WINDHAM
TOWER OWNER: ATC
TOWER SITE NUMBER: 283425

CODE COMPLIANCE:

GOVERNING CODES: TIA-222-H
WIND SPEEDS: 119 MPH 3-SECOND GUST
50 MPH 3-SECOND GUST (W/ ICE)
ICE THICKNESS: 1.5"
RISK CATEGORY: II
EXPOSURE CATEGORY: B
TOPO CATEGORY: 1
SEISMIC CRITERIA:
SITE CLASS: D
RESPONSE COEFFICIENT (R): 2
1-SECOND SPECTRAL RESPONSE ACCELERATION (S_1): 0.055
SHORT PERIOD SPECTRAL RESPONSE ACCELERATION (S_s): 0.180



REV.	DATE	DESCRIPTION
0	8/11/21	INITIAL RELEASE

WOODSTOCK VALLEY CT - A
ATC TOWER 350 RTE 198
WOODSTOCK, CT 06282

TITLE SHEET

ISSUED FOR:	
PERMIT	8/11/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.
2021740.467968.02

T-01

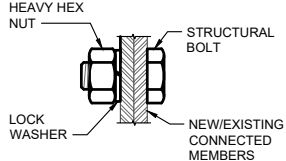
MODIFICATION INSPECTION CHECKLIST

REQUIRED	REPORT ITEM	BRIEF DESCRIPTION
		PRE-CONSTRUCTION
X	PACKING SLIPS	ANY RECEIPT OF PURCHASE FOR THE MODIFICATION MATERIAL IS ACCEPTABLE.
X	CERTIFICATE OF CONFORMANCE	ALL PRE-ENGINEERED KITS, PARTS, AND/OR ASSEMBLIES PURCHASED FROM REPUTABLE SUPPLIERS SHALL HAVE A SITE SPECIFIC CERTIFICATE OF CONFORMANCE PROVIDED TO CONFIRM ACCEPTABILITY.
X	MATERIAL TEST REPORT (CUSTOM ORDERED OR FABRICATED HARDWARE ONLY)	ALL HARDWARE NOT SPECIFICALLY PROVIDED AS A PRE-ENGINEERED KIT, PART, AND/OR ASSEMBLY SHALL REQUIRE MTR'S TO VERIFY ACCEPTABILITY.
X	EXISTING MOUNT(S)	PHOTOS OF ALL SECTORS (WHERE APPLICABLE) PRIOR TO MODIFICATIONS.
X	HARDWARE PRIOR TO INSTALLATION	PHOTOS OF ALL HARDWARE BEFORE BEING INSTALLED ON THE MOUNT(S).
X	NDT - ALL FULL PENETRATION OR WELDS > 5/16"	AWS STAMPED REPORT REQUIRED. WELDING REQUIREMENTS NOT APPLICABLE FOR PRE-ENGINEERED KITS, PARTS OR ASSEMBLIES FROM REPUTABLE SUPPLIERS.
X	FABRICATOR CERTIFIED WELD INSPECTION	
X	WELDER'S CERTIFICATIONS	

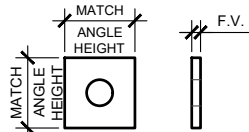
POST-CONSTRUCTION

X	ON SITE COLD GALVANIZING VERIFICATION (IF APPLICABLE, SEE STRUCTURAL STEEL NOTE #2)	ANY DAMAGE TO THE TOWER SHALL BE REPAIRED IN ACCORDANCE WITH STRUCTURAL STEEL NOTE #2.
X	GC AS-BUILT DRAWINGS	ALL DEVIATIONS TO THE DRAWINGS THAT WERE FOUND MUST BE CLEARLY MARKED AND APPROVED BY THE EOR.
X	MEMBER SIZES	NEW MEMBERS SHALL BE VERIFIED WITH A TAPE MEASURE, CALIPERS, THICKNESS GAUGE, OR OTHER STANDARD INDUSTRY EQUIPMENT.
X	CONNECTION HARDWARE	BOLT SIZE (VIA CALIPERS), FIT-UP, LOCKING MECHANISMS, AND TIGHTNESS SHALL ALL BE VERIFIED AND DOCUMENTED.
X	CRITICAL DIMENSIONS	ALL DIMENSIONS SPECIFICALLY CALLED OUT IN THE DRAWING PACKAGE SHALL BE VERIFIED WITH A TAPE MEASURE. THIS INCLUDES MEMBER LENGTHS, HORIZONTAL AND/OR VERTICAL OFFSETS, SPACING REQUIREMENTS, ETC.
X	FINAL INSTALLED CONFIGURATION	THE COMPLETE MODIFIED CONDITION SHALL BE INSPECTED TO ENSURE FULL CONFORMANCE WITH THE DESIGN DRAWINGS.

BOLTING DETAILS



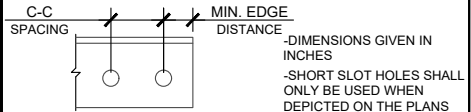
TYPICAL BOLT ASSEMBLY



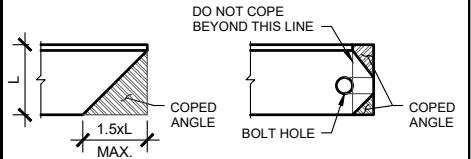
TYPICAL STITCH WASHER

BOLT SCHEDULE

BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	C-C SPACING
1/2	9/16	9/16x11/16	7/8	1-1/2
5/8	11/16	11/16x7/8	1-1/8	1-7/8
3/4	13/16	13/16x1	1-1/4	2-1/4
7/8	15/16	15/16x1-1/8	1-1/2	2-5/8
1	1-1/8	1-1/8x1-5/16	1-3/4	3




ALLOWABLE ANGLE COPE



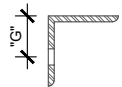
WORKABLE GAGES

LEG	4	3-1/2	3	2-1/2	2	1-3/4
G	2-1/2	2	1-3/4	1-3/8	1-1/8	1



-DIMENSIONS GIVEN IN INCHES

-MATCH EXISTING WHEN APPLICABLE

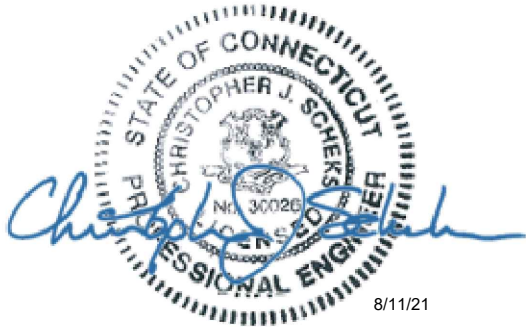


-DIMENSIONS GIVEN IN INCHES

-MATCH EXISTING WHEN
APPLICABLE

NOTES:

1. ALL DIMENSIONS REPRESENTED IN THESE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
2. THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
3. AS AN ALTERNATIVE TO USING A LOCK WASHER PAL-NUTS CAN BE INSTALLED ABOVE THE HEX NUT. ALL BOLTS MUST HAVE LOCKING DEVICES INSTALLED AS PART OF THE ASSEMBLY.
4. ADDITIONAL HARDENED FLAT WASHERS MAY BE REQUIRED IN CASES WHERE OVERSIZED OR SLOTTED HOLES ARE PRESENT. EXISTING CONDITIONS SHALL BE APPROVED BY THE EOR.



8/11/21

GENERAL NOTES

- THIS DESIGN IS IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF TIA/EIA-222, AWS, ANSI TIA-322, AND AISC. MATERIALS, FABRICATION, INSTALLATION, AND ALL OTHER SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES AND THE CONTRACT SPECIFICATIONS.
- THIS DESIGN ASSUMES THE TOWER AND MOUNTS HAVE BEEN WELL MAINTAINED, ARE IN GOOD CONDITION, AND ARE WITHOUT DEFECT. BENT MEMBERS, CORRODED MEMBERS, LOOSE BOLTS, CRACKED WELDS AND OTHER MEMBER DEFECTS HAVE NOT BEEN CONSIDERED. THE TOWER IS ASSUMED TO BE PLUMB AND THE SITE IS ASSUMED TO BE LEVEL. THIS DESIGN IS BEING PROVIDED WITHOUT THE BENEFIT OF A CONDITION ASSESSMENT BY GPD.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING; ANY PROBLEMS WITH ACCESS, INTERFERENCE, ETC. SHALL BE RESOLVED PRIOR TO MOBILIZATION. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND NOTE ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS OR THAT INTERFERE WITH THE CONTINUOUS INSTALLATION OF THE MODIFICATIONS. CONTRACTOR SHALL NOTE ALL ATTACHMENT POINTS, ANTENNAS, MOUNTS, COAX, LIGHTING, CLIMBING SUPPORTS, STEP BOLTS, PORT HOLES, AND ANY OTHER APPURTENANCES IN THE REGION OF THE MODIFICATIONS. GPD SHALL BE CONTACTED IMMEDIATELY TO EVALUATE THE SIGNIFICANCE OF ANY DEVIATION PRIOR TO ORDERING MATERIAL.
- ALL MATERIAL SPECIFIED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZES AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR DETERMINING IF SUBSTITUTE IS SUITABLE FOR USE AND MEETS THE ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER.
- CONTRACTOR IS RESPONSIBLE FOR ENGAGING A MODIFICATION INSPECTOR AT THE TIME OF AWARD TO COORDINATE AN INSPECTION SCHEDULE AND ENSURE PROPER DOCUMENTATION IS RETAINED THROUGHOUT THE PROJECT. REFER TO THE MODIFICATION INSPECTION TABLES ON THIS SHEET.
- INSTALLATION OF THE PROPOSED LOADING IS BY OTHERS AND IS BEYOND THE SCOPE OF THESE DRAWINGS.
- ALL CONTRACTORS AND LOWER TIER CONTRACTORS MUST ACKNOWLEDGE IN WRITING TO TOWER OWNER AND GPD THAT THEY HAVE OBTAINED, UNDERSTAND, AND WILL FOLLOW TOWER OWNER STANDARDS OF PRACTICE, CONSTRUCTION GUIDELINES, ALL SITE AND TOWER SAFETY PROCEDURES, ALL PRODUCT LIMITATIONS AND INSTALLATION PROCEDURES USED ON SITE, AND PROPOSED MODIFICATIONS DESCRIBED. RECEIPT OF ACKNOWLEDGMENT MUST OCCUR PRIOR TO BEGINNING CONSTRUCTION OR CLIMBING. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE THIS DOCUMENTATION FOR TOWER OWNER AND GPD ON COMPANY LETTERHEAD AND THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN THIS DOCUMENTATION FROM LOWER TIER SUBCONTRACTORS (ON SUBCONTRACTOR LETTERHEAD) AND DELIVER IT TO TOWER OWNER AND GPD.
- IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE. THIS INCLUDES PROVIDING THE NECESSARY CERTIFICATIONS TO THE TOWER OWNER AND ENGINEER.
- THESE DRAWINGS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
- THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR THE SAFETY OF THEIR WORK FORCE, THE WORK AREA, ADJACENT AREA, AND ANY PROPERTY OCCUPANTS WHO MAY BE AFFECTED BY THE WORK UNDER CONTRACT. THE CONTRACTOR SHALL REVIEW AND ABIDE BY ALL LANDOWNER, PRIME CONTRACTOR, CARRIER, OSHA, AND LOCAL SAFETY GUIDELINES. ALL TOWER WORKERS SHALL UTILIZE APPROPRIATE FALL PROTECTION AND SAFETY EQUIPMENT THAT IS UP-TO-DATE AND INSPECTED PER OSHA AND INDUSTRY GUIDELINES. ALL WORKERS SHALL BE TRAINED AND MONITORED TO ENSURE SAFE WORKING PRACTICES ARE MAINTAINED.
- CONTRACTOR IS RESPONSIBLE FOR TEMPORARILY REMOVING ALL COAX, T-BRACKETS, ANTENNA MOUNTS, AND ANY OTHER APPURTENANCE THAT MAY INTERFERE WITH THE TOWER MODIFICATIONS. ALL TOWER APPURTENANCES MUST BE REPLACED AND/OR RESTORED TO ITS ORIGINAL LOCATION. SOME ATTACHMENTS MAY REQUIRE CUSTOM MODIFICATIONS TO PROPERLY FIT THE MODIFIED REGION OF THE STRUCTURE. THESE CUSTOMIZATIONS ARE DESIGNED BY OTHERS AND MUST BE APPROVED BY THE ENGINEER PRIOR TO REMOVING SUCH ATTACHMENTS. ANY CARRIER DOWNTIME MUST BE COORDINATED WITH THE TOWER OWNER IN WRITING.
- CONTRACTOR SHALL ONLY WORK WITHIN THE LIMITS OF THE TOWER OWNER'S PROPERTY OR LEASE AREA AND APPROVED EASEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY WORK IS WITHIN THESE BOUNDARIES. CONTRACTOR SHALL EMPLOY A SURVEYOR AS REQUIRED. ANY WORK OUTSIDE THESE BOUNDARIES SHALL BE APPROVED IN WRITING BY THE LAND OWNER PRIOR TO MOBILIZATION. CONSTRUCTION STAKING AND BOUNDARY MARKING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE STRUCTURAL INTEGRITY OF THIS DESIGN EXTENDS TO THE COMPLETE CONDITION ONLY. THE CONTRACTOR MUST BE COGNIZANT THAT THE REMOVAL OF ANY STRUCTURAL COMPONENT HAS THE POTENTIAL TO CAUSE THE PARTIAL OR COMPLETE COLLAPSE OF THE STRUCTURE. ALL NECESSARY PRECAUTIONS MUST BE TAKEN TO ENSURE THE STRUCTURAL INTEGRITY, INCLUDING, BUT NOT LIMITED TO, ENGINEERING ASSESSMENT OF CONSTRUCTION STRESSES WITH INSTALLATION MAXIMUM WIND SPEED AND/OR TEMPORARY BRACING AND SHORING.
- WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 10-MPH). ALL TEMPORARY BRACING AND TEMPORARY SUPPORTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- VERIFY IF THIS STRUCTURE IS AN FM TOWER AND TAKE NECESSARY ACTIONS TO PROVIDE SAFE WORKING CONDITIONS INCLUDING, BUT NOT LIMITED TO HAVING FM SIGNAL TURNED OFF. CONTRACTOR SHALL HAVE PROPER RADMAN FOR NOTIFICATION OF EXCESSIVE RF EXPOSURE FOR ALL INDIVIDUALS WORKING ON SITE IF FM ANTENNAS ARE PRESENT.
- ALL MANUFACTURERS HARDWARE AND ASSEMBLY INSTRUCTIONS SHALL BE FOLLOWED EXACTLY. DEVIATION FROM THE INSTRUCTIONS IS UNACCEPTABLE AND REQUIRES WRITTEN APPROVAL FROM ENGINEER.
- DO NOT SCALE DRAWINGS.
- THE CLIMBING FACILITIES, SAFETY CLIMB AND ALL ASSOCIATED HARDWARE SHALL NOT BE IMPEDED OR MODIFIED WITHOUT THE WRITTEN CONSENT OF GPD.
- INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB OR ANY SYSTEM INSTALLED ON THE STRUCTURE.

STRUCTURAL STEEL NOTES

1. ALL NEW STEEL SHALL BE HOT-DIPPED GALVANIZED PER ASTM A123, ASTM A153/A153M, OR ASTM A653 G90, AS APPLICABLE FOR FULL WEATHER PROTECTION. FOR HIGH STRENGTH STEEL FASTENERS WHERE HOT-DIPPED GALVANIZING IS NOT PERMITTED MAGN 565 COATING (OR ENGINEER APPROVED EQUIVALENT) SHALL BE USED. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING TOWER STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
2. ALL EXPOSED STRUCTURAL STEEL AS THE RESULT OF THIS SCOPE OF WORK INCLUDING, BUT NOT LIMITED TO, DAMAGED MEMBERS, FIELD WELDS, FIELD CUT MEMBERS, FIELD DRILLED HOLES, AND SHAFT INTERIORS (WHERE APPLICABLE), SHALL BE SOLVENT CLEANED AND HAVE TWO (2) COATS OF BRUSHED ON ZRC ZINC RICH COLD GALVANIZING PAINT APPLIED AND SHALL BE PAINTED TO MATCH THE TOWER FINISH (WHERE APPLICABLE). PHOTO DOCUMENTATION IS REQUIRED TO BE SUBMITTED TO THE MODIFICATION INSPECTOR.
3. ALL STRUCTURAL STEEL SHALL CONFORM TO THE LISTED REQUIREMENTS U.N.O. IN THESE DRAWINGS:
 - STEEL ANGLE: ASTM A36 (Fy=36 KSI)
 - PIPE (ROUND): ASTM A53 GRADE B (Fy=35 KSI)
 - BOLTS: ASTM A325 TYPE 1
 - THREADED RODS: ASTM A307 GRADE A
 - U-BOLTS: ASTM A307 GRADE A
 - NUTS: ASTM A563 GRADE DH
 - WASHERS (AS REQUIRED): ASTM F436 TYPE 1
 - LOCKING DEVICES: PAL-NUT OR SPLIT WASHER
4. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF TIA/EIA-222 REQUIREMENTS.
5. ALL BOLTS, INCLUDING U-BOLTS, SHALL BE TIGHTENED IN ACCORDANCE WITH AISC "SNUG TIGHT" REQUIREMENTS, U.N.O.
6. ALL U-BOLTS SPECIFIED SHALL MEET THE REQUIREMENTS OF ASME B18.31.5-2011 BENT BOLTS.
7. STRUCTURAL STEEL SHOP DRAWINGS SHALL BE PROVIDED TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
8. UNLESS NOTED OTHERWISE, ALL NEW MEMBERS SHALL MAINTAIN THE EXISTING MEMBER WORK LINES AND NOT INTRODUCE ECCENTRICITIES INTO THE STRUCTURE.
9. WELDING OF ANY KIND IS NOT PERMITTED ON SITE UNLESS SPECIFIED WITHIN THESE DRAWINGS. OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING OR OPEN FLAME IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.
10. FOR ALL SHOP WELDING, USE E70XX ELECTRODES FOR SMAW PROCESS AND E7XT-XX ELECTRODES FOR FCAW PROCESS, UNO.

MODIFICATION INSPECTION NOTES

GENERAL

1. THE MI IS AN ON-SITE AND HANDS-ON INSPECTION OF THE MODIFICATIONS INCLUDING A REVIEW OF CONSTRUCTION REPORTS AND ADDITIONAL PERTINENT DOCUMENTATION PROVIDED BY THE GENERAL CONTRACTOR (GC), AS WELL AS AND INSPECTION DOCUMENTS PROVIDED BY 3RD PARTY INSPECTORS. THE MI IS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE MODIFICATION DRAWINGS; IN ACCORDANCE WITH ALL APPLICABLE INDUSTRY STANDARDS; AND AS DESIGNED BY THE ENGINEER OF RECORD (EOR).
2. NO DOCUMENT, CODE, OR POLICY CAN ANTICIPATE EVERY SITUATION THAT MAY ARISE. ACCORDINGLY, THE CHECKLIST IS INTENDED TO SERVE AS A SOURCE OF GUIDING PRINCIPLES IN ESTABLISHING GUIDELINES FOR THE MODIFICATION INSPECTION.
3. THE MI IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AND IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF, AND THE MI INSPECTOR DOES NOT TAKE OWNERSHIP OF THE DESIGN. THE MI INSPECTOR SHALL INSPECT AN NOTE CONFORMANCE/NON-CONFORMANCE AND PROVIDE TO THE TOWER/STRUCTURE OWNER AND EOR FOR EVALUATION.
4. TO ENSURE THAT THE REQUIREMENTS OF THE MODIFICATION INSPECTION ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MI INSPECTOR BEGIN COMMUNICATING AND COORDINATING AS SOON AS A PO OR PAYMENT IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY. CONTACT LISTED ON THE TITLE SHEET SHALL BE CONTACTED IF SPECIFIC INSPECTOR CONTACT INFORMATION IS NOT KNOWN.

FAILING INSPECTION REQUIREMENTS

1. IF THE MODIFICATION INSTALLATION WOULD FAIL THE MODIFICATION INSPECTION ("FAILED MODIFICATION INSPECTION"), THE GC SHALL WORK WITH THE MI INSPECTOR TO COORDINATE A REMEDIATION PLAN IN ONE OF TWO WAYS:
- CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL MODIFICATION DRAWINGS AND COORDINATE A SUPPLEMENT MODIFICATION INSPECTION.
 - OR, WITH TOWER OWNER APPROVAL, THE GC MAY WORK WITH THE ENGINEER OF RECORD TO RE-ANALYZE THE MODIFICATION/REINFORCEMENT USING THE AS-BUILT CONDITION.

SERVICE LEVEL COMMITMENT

1. THE FOLLOWING RECOMMENDATIONS AND SUGGESTIONS ARE OFFERED TO ENHANCE THE EFFICIENCY AND EFFECTIVENESS OF DELIVERING AN MI REPORT:
- THE GC SHALL PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, PREFERABLY 10, TO THE MI INSPECTOR AS TO WHEN THE SITE WILL BE READY TO THE MI TO BE CONDUCTED.
 - THE GC AND MI INSPECTOR COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
 - WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE DURING THE MI TO HAVE THE MINOR DISCREPANCIES CORRECTED DURING THE INITIAL CHECK THEREOF. THE GC MAY CHOOSE TO COORDINATE THE MI CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES ARE AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.

REQUIRED PHOTOS

1. BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS, AT A MINIMUM, ARE TO BE TAKEN AND INCLUDED IN THE MI REPORT:
 - PRE-CONSTRUCTION GENERAL SITE CONDITION
 - PHOTOGRAPHS DURING THE MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION
 - RAW MATERIALS
 - PHOTOS OF ALL CRITICAL DETAILS
 - WELD PREPARATION
 - BOLT INSTALLATION
 - FINAL INSTALLED CONDITION
 - SURFACE COATING REPAIR
 - ANY OTHER PHOTOS DEEMED RELEVANT TO SHOW COMPLETE DETAILS OF THE MODIFICATIONS.
2. PHOTOS OF ELEVATED MODIFICATION TAKEN ONLY FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.



520 South Main Street
Akron, OH 44311
330.572.2100 Fax 330.572.2102



WOODSTOCK VALLEY CT - A
SITE #: 467968
SMART TOOL PROJECT #: 10091169

[illegible]

WOODSTOCK VALLEY CT - A
ATC TOWER 350 RTE 198
WOODSTOCK, CT 06282

PROJECT NOTES & INSPECTION CHECKLIST

ISSUED FOR:	
PERMIT	8/11/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.
2021740.467968.02

N-01

BILL OF MATERIALS	
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VZWSMART KITS									
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QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT	WEIGHT
1	VZWSMART	VZWSMART-PLK1	SUPPORT RAIL KIT	FIELD TRIM CORNER ANGLES TO REQUIRED LENGTH.	504	504
3		VZWSMART-MSK2	CROSSOVER PLATE ASSEMBLY		15	45

OTHER REQUIRED KITS	

3	-	6'-0" P2.5 STD PIPE	MOUNT PIPE	SEE PAGE N-01 FOR STEEL GRADE REQUIREMENTS.	35	105
TOTAL:						654

VZWSMART KITS - APPROVED VENDORS

COMMSCOPE

CONTACT	SALVADOR ANGUIANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM
WEBSITE	WWW.COMMSCOPE.COM

METROSITE FABRICATORS, LLC	
CONTACT	KENT RAMEY

CONTACT	KENT RAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELLC.COM
WEBSITE	METROSITEFABRICATORS.COM

PERFECTVISION	
CONTACT	WIRELESS SALES

CONTACT	WIRELESS SALES
PHONE	(844) 887-6723
EMAIL	WIRELESSSALES@PERFECT-VISION.COM
WEBSITE	WWW.PERFECT-VISION.COM

SABRE INDUSTRIES, INC.	
CONTACT	ANGIE WELCH

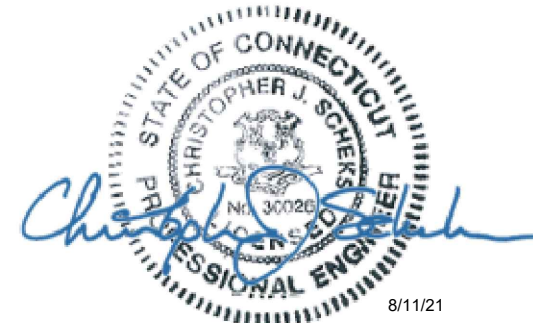
CONTACT	ANGIE WELCH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES.COM
WEBSITE	WWW.SABRESITESOLUTIONS.COM

SITE PRO 1	
CONTACT	PAULA ROSWELL

CONTACT	PAULA BOSWELL
PHONE	(972) 236-9843
EMAIL	PAULA.BOSWELL@VALMONT.COM
WEBSITE	WWW.SITEPRO1.COM

NOTES:

1. THE MANUFACTURERS LISTED ARE THE APPROVED VENDORS FOR THE VZW MOUNT KITS. EACH MANUFACTURER WILL BE AWARE OF WHICH KITS HAVE BEEN THROUGH THE VZW APPROVAL PROCESS AND THEY ARE IN TURN APPROVED TO PLEASE NOTE THAT THE MATERIAL UTILIZED ON THE MOUNT MODIFICATIONS WILL BE REVIEWED AS A PART OF THE DESKTOP PMI COMPLETED BY THE SMART TOOL VENDOR. IT WILL BE REQUIRED THAT THE VZW KITS SPECIFIED ARE UTILIZED IN THE MODIFICATIONS.
2. ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.



**GPD Engineering and Architecture
Professional Corporation**

520 South Main Street
Akron, OH 44311
330.572.2100 Fax 330.572.2102

DESIGN DRAWINGS
PREPARED FOR:

verizon

WOODSTOCK VALLEY CT - A
SITE # 467966
SMART TOOL PROJECT # 1009169

[illegible]

WOODSTOCK VALLEY CT - A
ATC TOWER 350 RTE 198
WOODSTOCK, CT 06282

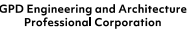
BILL OF MATERIALS

ISSUED FOR:	
PERMIT	8/11/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.
2021740.467968.02

S-01



520 South Main Street
Akron, OH 44311
330.572.2100 Fax 330.572.2102

DESIGN DRAWINGS
PREPARED FOR:

WOODSTOCK VALLEY CI - A
SITE #: 467968
SMART TOOL PROJECT #: 10091169

[illegible]

WOODSTOCK VALLEY CT - A
ATC TOWER 350 RTE 198
WOODSTOCK, CT 06282

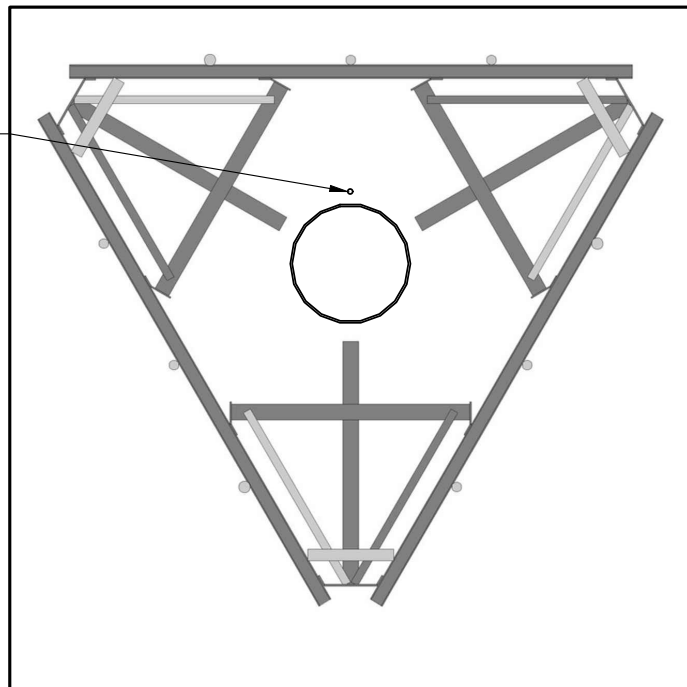
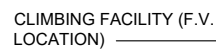
CLIMBING FACILITY DETAIL

ISSUED FOR:	
PERMIT	8/11/2021
BID	-
CONSTRUCTION	-
RECORD	-

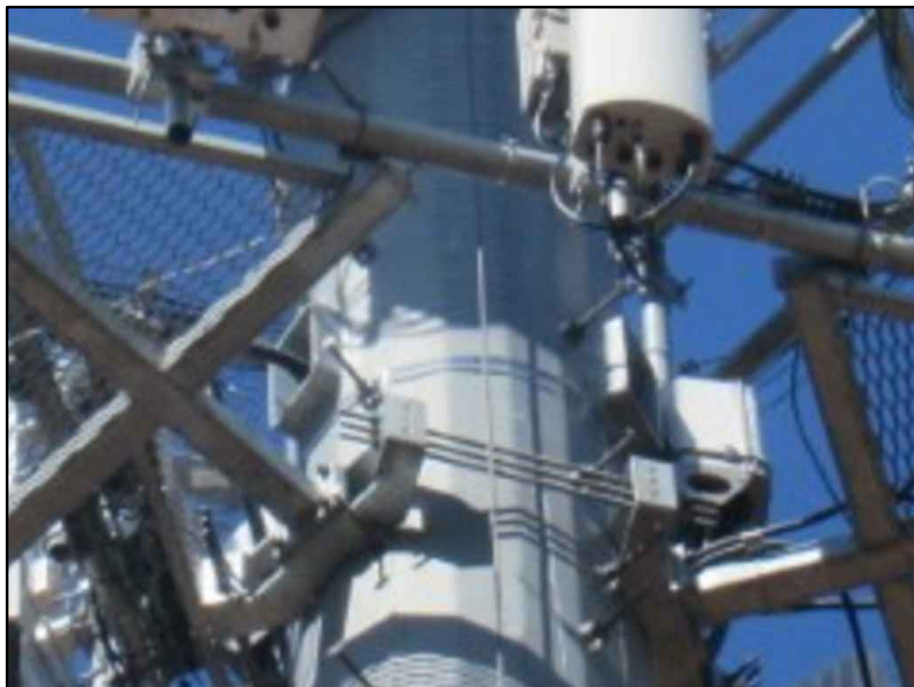
ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.
2021740.467968.02

S-02



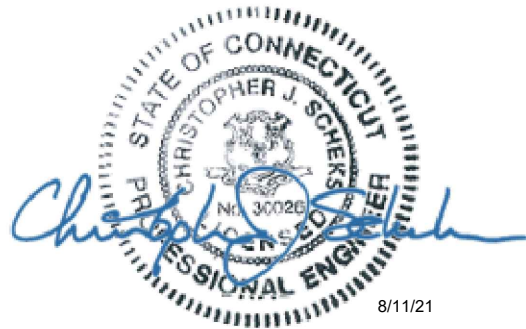
CLIMBING FACILITY LOCATION



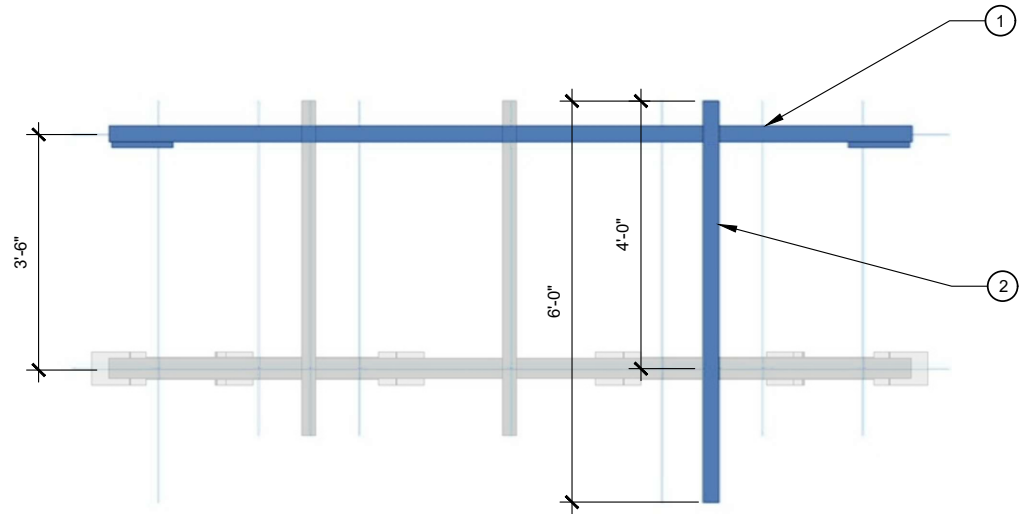
CLIMBING FACILITY PHOTO

NOTES:

1. CONTRACTOR TO INSPECT CLIMBING FACILITIES AT SITE AND ENSURE THAT THE SAFETY CLIMB IS IN GOOD CONDITION AND THAT THE WIRE ROPE DOES NOT OR WILL NOT INTERFERE WITH THE EXISTING OR PROPOSED MOUNT CONNECTIONS. CONTRACTOR SHALL INSTALL SAFETY CLIMB WIRE ROPE GUIDED AROUND MOUNT CONNECTIONS AS NEEDED.
2. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

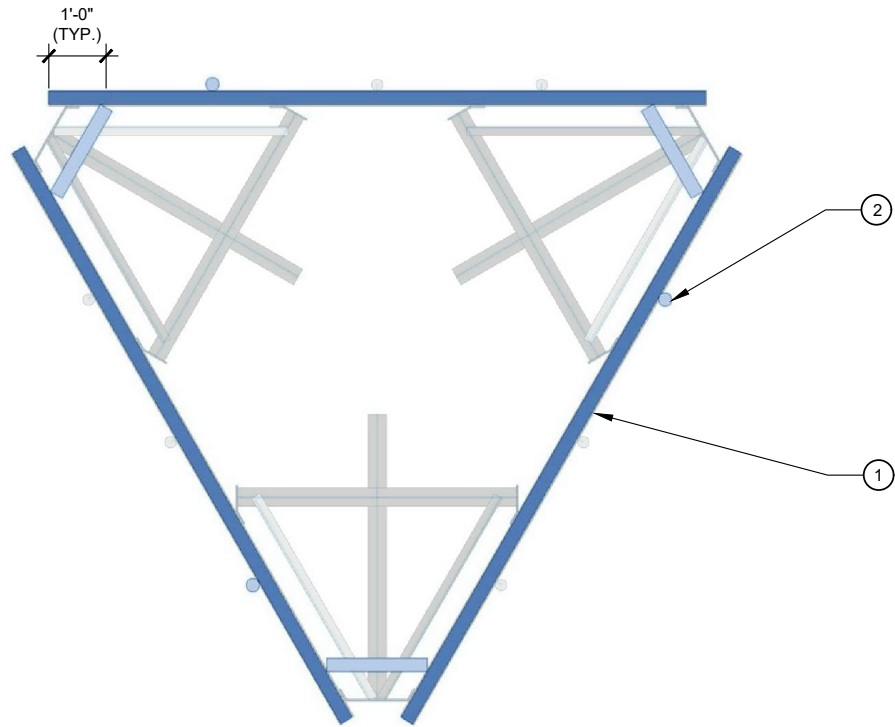


8/11/21



1 ELEVATION VIEW
S-03

- NOTE:
1. DETAIL IS TYPICAL FOR ALL THREE SECTORS. ONLY ONE SECTOR SHOWN FOR DETAIL CLARITY.
 2. ALL FIELD CUT ANGLES AND DRILLED HOLES SHALL BE SOLVENT CLEANED AND TOUCHED UP WITH TWO COATS OF BRUSH APPLIED ZRC ZINC RICH COLD GALVANIZING PAINT.

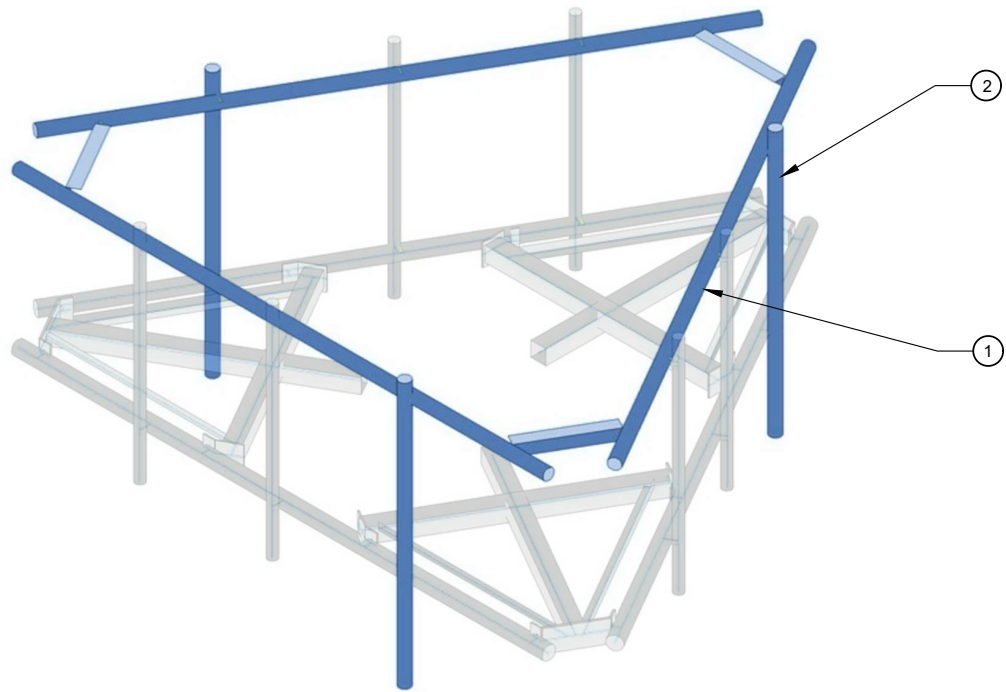
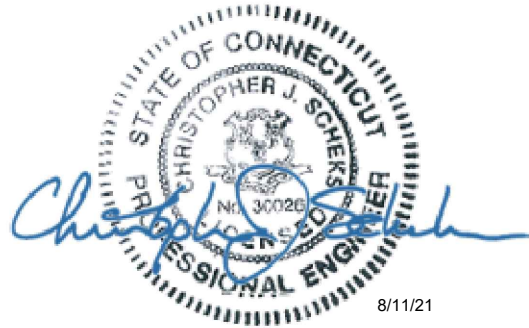


2 PLAN VIEW
S-03

- NOTE:
1. ALL FIELD CUT ANGLES AND DRILLED HOLES SHALL BE SOLVENT CLEANED AND TOUCHED UP WITH TWO COATS OF BRUSH APPLIED ZRC ZINC RICH COLD GALVANIZING PAINT.

MOUNT MODIFICATION SCHEDULE				
NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	92'-0"±	1	PROPOSED SUPPORT RAIL KIT (PART #: VZWSMART-PLK1)	INSTALL A NEW SUPPORT RAIL KIT (VERIZON P/N: VZWSMART-PLK1) CONNECTED TO MOUNT PIPES. FIELD TRIM REINFORCEMENT ANGLES TO REQUIRED LENGTH.
2		3	REPLACEMENT MOUNT PIPE (P2.5 STD)	REPLACE EXISTING MOUNT PIPE WITH NEW LARGER DIAMETER MOUNT PIPE. CONNECT NEW MOUNT PIPE TO TOERAIL USING NEW CROSSOVER PLATE ASSEMBLIES (VERIZON P/N: VZWSMART-MSK2).

- NOTES:
1. ANY SUBSTITUTION OF PARTS SPECIFIED IN THIS DESIGN PACKAGE SHALL REQUIRE ENGINEER APPROVAL PRIOR TO FABRICATION.
 2. ALL MATERIAL REMOVED FROM MOUNT SHALL BE DISPOSED OF BY CONTRACTOR OFF SITE.
 3. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB OR ANY SYSTEM INSTALLED ON THE STRUCTURE.



3 ISOMETRIC VIEW
S-03

- NOTE:
1. ALL FIELD CUT ANGLES AND DRILLED HOLES SHALL BE SOLVENT CLEANED AND TOUCHED UP WITH TWO COATS OF BRUSH APPLIED ZRC ZINC RICH COLD GALVANIZING PAINT.

REV.	DATE	DESCRIPTION
0	8/11/21	INITIAL RELEASE

WOODSTOCK VALLEY CT - A
ATC TOWER 350 RTE 198
WOODSTOCK, CT 06282
MODIFICATION SCHEDULE
& DETAILS

ISSUED FOR:	
PERMIT	8/11/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.
2021740.467968.02

S-03

[illegible]

WOODSTOCK VALLEY CT - A
ATC TOWER 350 RTE 198
WOODSTOCK, CT 06282

DETAILS/PARTS

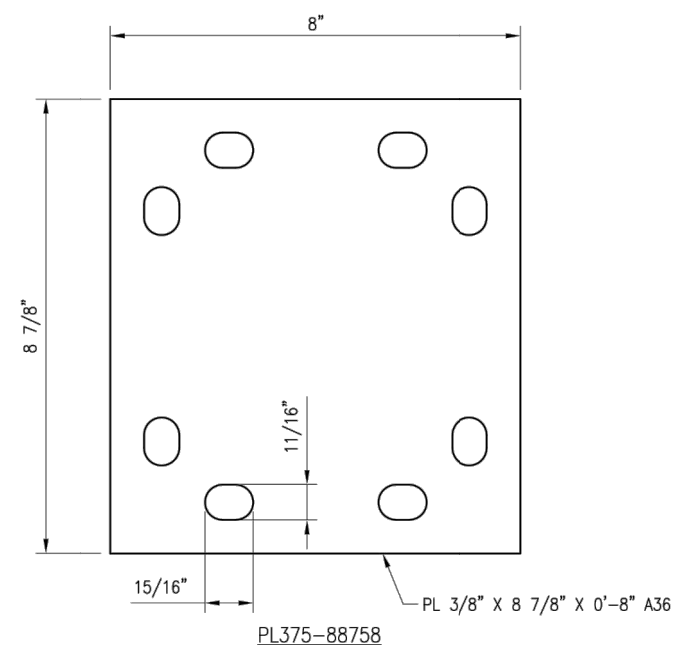
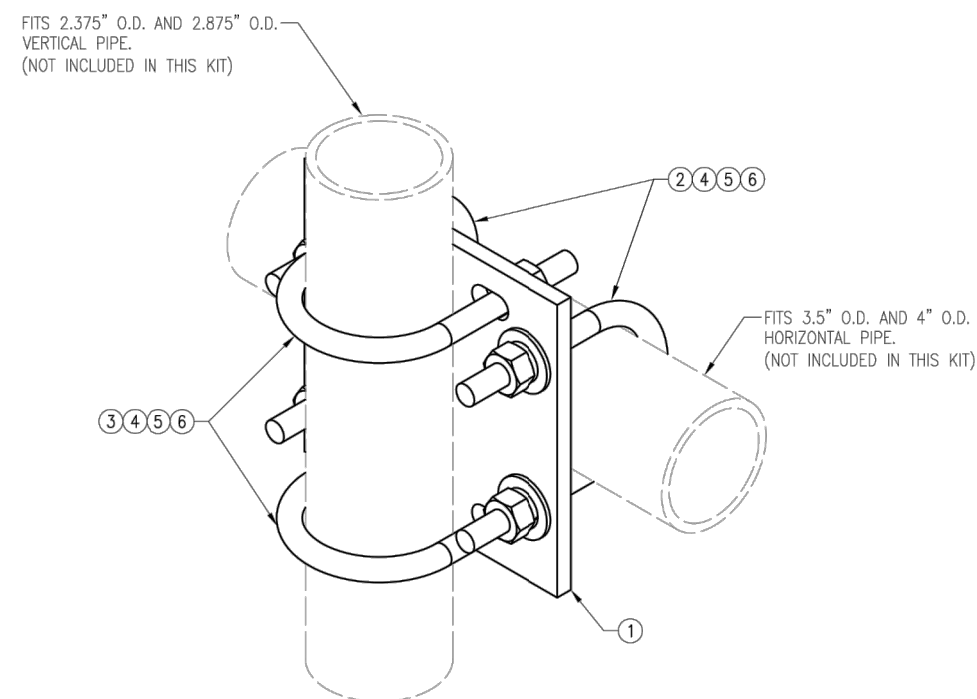
ISSUED FOR:	
PERMIT	8/11/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.
2021740.467968.02

S-04

**VzW
SMART Tool®
Vendor**



VZSMART-MSK2 (CROSSOVER PLATE)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	PL375-88758	PL 3/8" X 8 3/4" X 0'-8" A36	MSK2-F1	8
2	2	MS02-625-4125-600	RU-BOLT 5/8" X 4 1/8" I.W. X 6" I.L. A36 (OR EQUIV.)	RBC-1	3
3	2	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	3
4	8	FW-625	5/8" HDG USS FLAT WASHER	---	1
5	8	LW-625	5/8" HDG LOCK WASHER	---	0
6	8	NUT-625	5/8" HDG HEX NUT	---	1
GALVANIZED WT					15

NOTES:
1. HOT-DIPPED GALVANIZED PER ASTM A123.

DRAWN BY: H.R	CHECKED BY: HMA
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REV.	DESCRIPTION	BY	DATE
①	FIRST ISSUE	H.R	05/08/20
△			
△			
△			
△			

SHEET TITLE:

VZWSMART-MSK2
CROSSOVER PLATE

SHEET NUMBER:	REV. #:
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VZWSMART-MSK2	0
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REV #

0

REV.	DATE	DESCRIPTION
0	8/11/21	INITIAL RELEASE

WOODSTOCK VALLEY CT - A
ATC TOWER 350 RTE 198
WOODSTOCK, CT 06282

DETAILS/PARTS

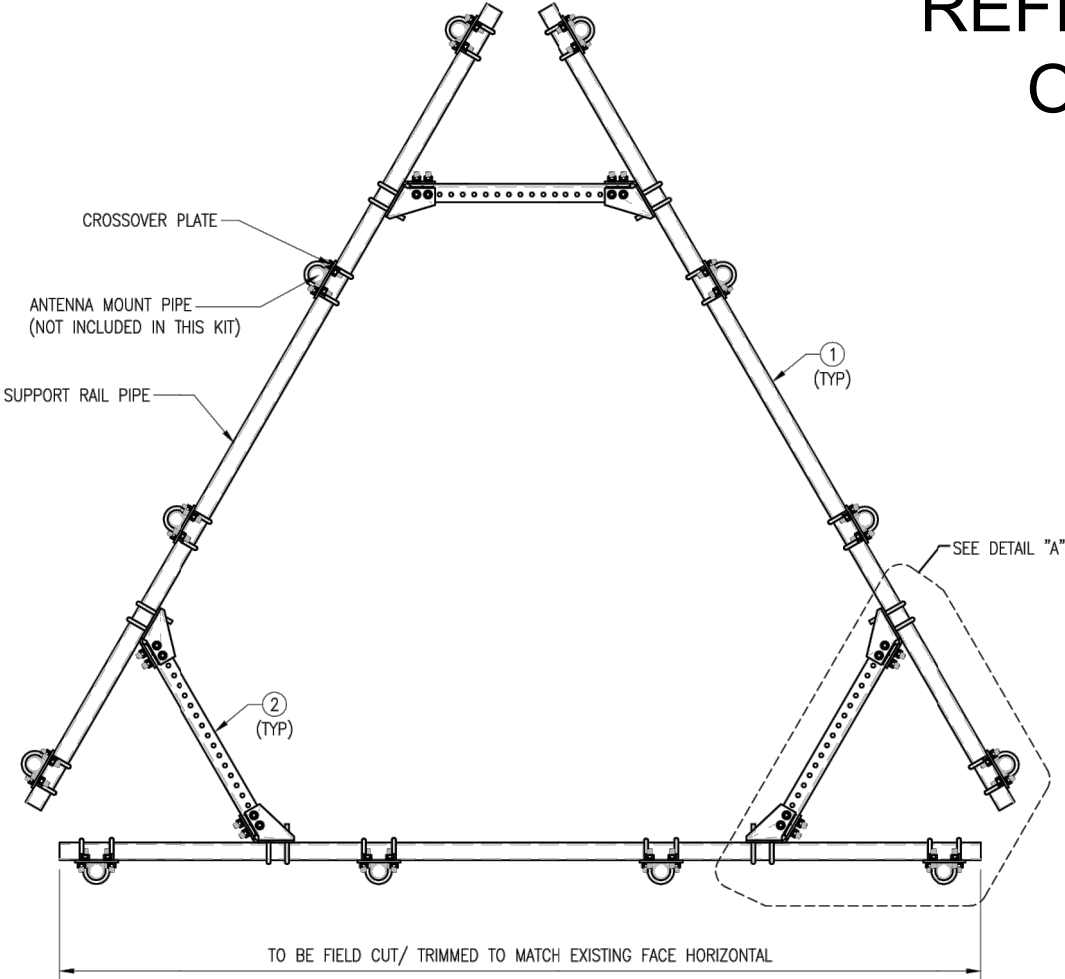
ISSUED FOR:	
PERMIT	8/11/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

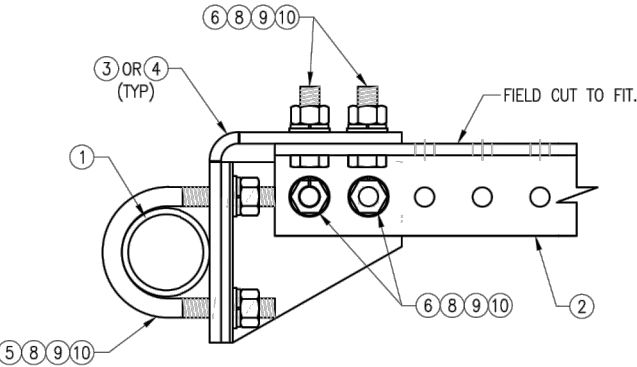
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2021740.467968.02

S-05

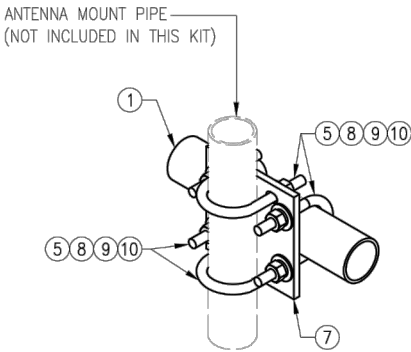
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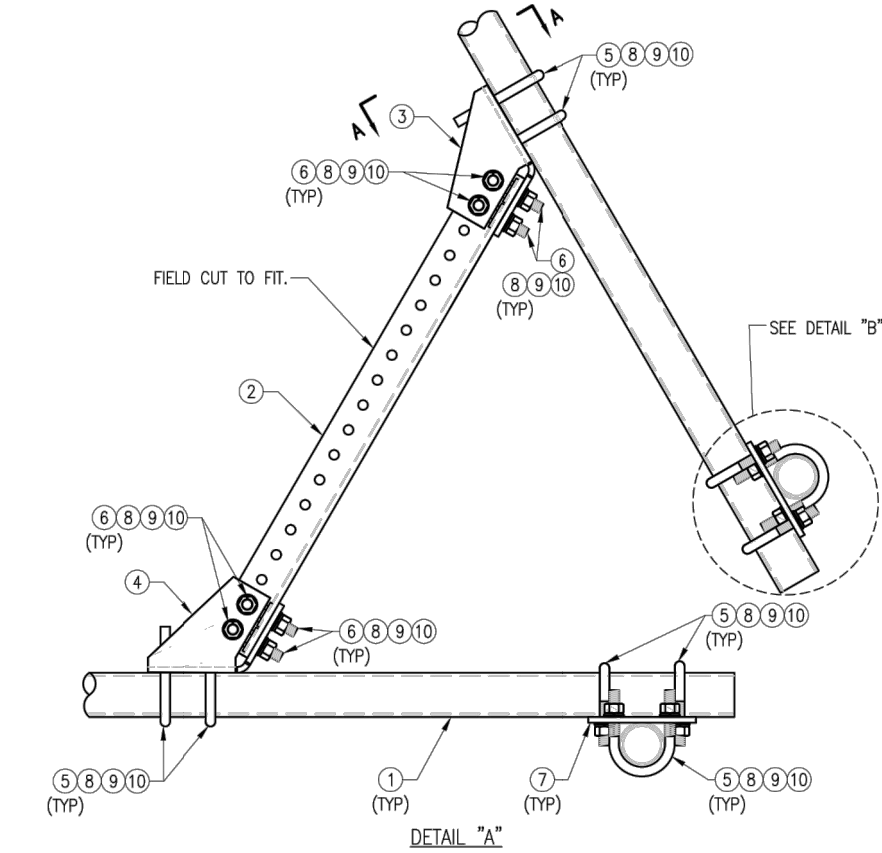
PLAN VIEW



SECTION "A-A"



DETAIL "B"



DETAIL "A"

NOTES:
1. HOT-DIPPED GALVANIZED PER ASTM A123.

VZW SMART-PLK1 (SUPPORT RAIL KIT)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	3	PST2875-12.5	2.5" PST (2.875" O.D. X 0.203" THK.) X 12'-6" A53 GR-B	PLK1-F1	292
2	3	L33375-3	L 3" X 3" X 3/8" X 3'-0" A36	PLK1-F1	66
3	3	CBP-L	CORNER BENT PLATE BRACKET	PLK1-F2	28
4	3	CBP-R	CORNER BENT PLATE BRACKET	PLK1-F2	28
5	60	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	82
6	24	---	BOLT 5/8" X 2" A325	---	9
7	12	PL375-857	PL 3/8" X 8 1/2" X 7'-0" A36	PLK1-F3	77
8	144	FW-625	5/8" HDG USS FLAT WASHER	---	12
9	144	LW-625	5/8" HDG LOCK WASHER	---	3
10	144	NUT-625	5/8" HDG HEX NUT	---	17
GALVANIZED WT					504

VZW
SMART Tool®
Vendor

verizon

DRAWN BY: H.R. CHECKED BY: HMA

REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	H.R.	05/08/20

SHEET TITLE:

VZWSMART-PLK1
SUPPORT RAIL KIT

SHEET NUMBER:

VZWSMART-PLK1

REV #:

0

Technical drawing of a steel truss structure, likely a roof or bridge component, showing dimensions and material specifications.

Dimensions:

- Top horizontal span: $12'-6" \pm 3"$
- Top horizontal member spacing: $3'-9" \pm 3"$
- Bottom horizontal span: $5'-0" \pm 3"$
- Bottom horizontal member spacing: $1'-6" \pm 3"$
- Bottom horizontal member spacing: $3'-9" \pm 3"$

Material Specifications:

- 0.5" X 6" PLATE
- HSS4X4X0.1875
- 0.375" X 6" PLATE
- P3 STD (3.5" O.D. X 0.216" THICK)
- L2X2X0.1875

Notes:

- SECTION: (indicated by a line pointing to the structure)
- PLATE WELD - 3/16" FILLET
- 5" C-C SPACING

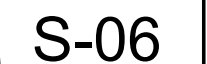
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND MEMBER SIZES SHOWN IN THIS SKETCH. DOCUMENT ALL VARIATIONS OR DEVIATIONS VIA PHOTOS AND SKETCHES AND PROVIDE TO THE EOR FOR EVALUATION

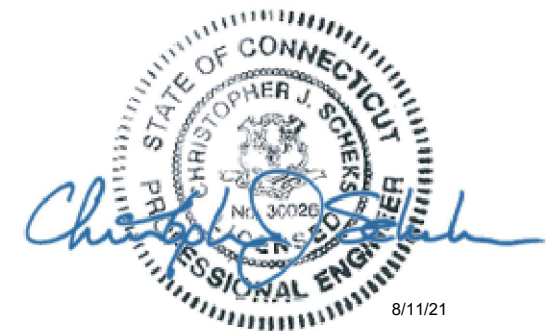
5'-0" (TYP.)

4'-0" (TYP.)

3'-0" ± 3" (TYP.)

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND MEMBER SIZES SHOWN IN THIS SKETCH. DOCUMENT ALL VARIATIONS OR DEVIATIONS VIA PHOTOS AND SKETCHES AND PROVIDE TO THE EOR FOR EVALUATION





verizon

DESIGN DRAWINGS
PREPARED FOR:

WOODSTOCK VALLEY CT - A
SITE # 467968
SMART TOOL PROJECT # 10091169

[illegible]

WOODSTOCK VALLEY CT - A
ATC TOWER 350 RTE 198
WOODSTOCK, CT 06282

MOUNT PHOTOS

ISSUED FOR:	
PERMIT	8/11/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.
2021740.467968.02