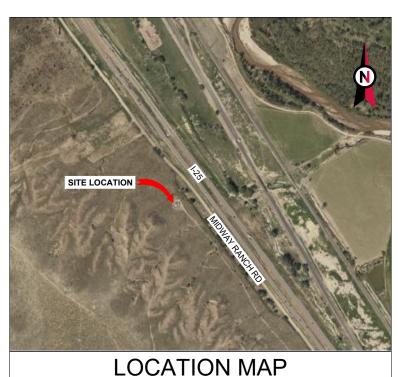




AMERICAN TOWER®

ATC SITE NAME: PPIR CO ATC SITE NUMBER: 411241 **VERIZON SITE NAME: PPIR** VERIZON SITE NUMBER: 5000268092 VERIZON FUZE PID: 16583205 SITE ADDRESS: 17610 MIDWAY RANCH ROAD FOUNTAIN, CO 80817



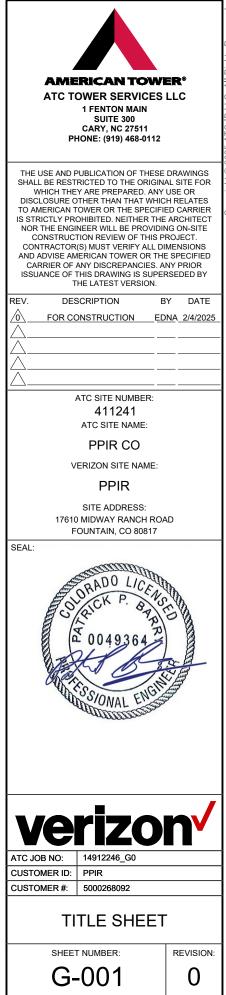
	VERIZ	ZON AMENDMENT DRAWINGS	-		
COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION		IEET INDEX	
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS	<u>SITE ADDRESS:</u> 17610 MIDWAY RANCH ROAD	THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:	SHEET NO:	DESCRIPTION:	REV
OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS	FOUNTAIN, CO 80817	TOWER SOW:	G-001	TITLE SHEET	0
TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.	COUNTY: EL PASO REGISTERED COORDINATES:	REMOVE (10) ANTENNA(s), (6) RRH(s), (2) OVP(s), AND (6) 7/8" COAX	G-002	GENERAL NOTES	0
2015 IBC	LATITUDE: 38.577286	CABLE(S) INSTALL MOUNT MODIFICATIONS, (2) SIDE-BY-SIDE ANTENNA	C-101	DETAILED SITE PLAN	0
NATIONAL ELECTRICAL CODE (NFPA 70, NEC 2020)	38° 34' 38.23" N LONGITUDE: -104.6633	MOUNT(s), (6) ANTENNA(s), (4) RRH(s), AND (1) OVP(s)	C-201	TOWER ELEVATION	0
	104° 39' 47.88" W	EXISTING (6) 7/8" COAX & (2) 1-5/8" 12X24 HYBRID CABLE(s) TO REMAIN	C-401	ANTENNA INFORMATION & SC	CHEDULE 0
	GROUND ELEVATION: 5333' AMSL		C-501	CONSTRUCTION DETAIL	LS 0
		GROUND SOW: REMOVE (2) CDMA CABINET(S)	E-501	501 GROUNDING DETAILS	
		EXISTING (3) RRH(S) TO BE RELOCATED FROM SHELTER TO TOWER		SUPPLEMENTAL SHEETS (8 F	PAGES)
-	PROJECT TEAM	PROJECT NOTES	-		
	TOWER OWNER: AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801 <u>ENGINEER:</u> ATC TOWER SERVICES LLC 1 FENTON MAIN, STE 300	 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 		CONTRACTOR	R PMI REQUIREMEI
UTILITY COMPANIES	CARY, NC 27511 PROPERTY OWNER:	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	PMI A	ACCESSED AT:	HTTPS://PMI.VZWSMAF
POWER COMPANY: MVEA PHONE: (719) 495-2283	ULYSSES ASSET SUB II, LLC 17610 MIDWAY RANCH ROAD	TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).	SMAI	RT TOOL VENDOR PROJECT NUMBER:	10260516
TELEPHONE COMPANY: UNKNOWN PHONE: N/A	FOUNTAIN, CO 80817 <u>APPLICANT:</u>	PROJECT LOCATION DIRECTIONS		LOCATION CODE (PSLC):	5000268092 IN MOUNT ANALYSIS REPOR
Know whate below. Call before you dig.	VERIZON WIRELESS 10000 PARK MEADOW DR, STE 300 LONE TREE, CO 80124 CONTACT: CHAD WEBER PHONE: 303-345-8242 EMAIL: CHESTER.WEBER@VERIZONWIRELESS.COM	DRIVING FROM PUEBLO, TAKE I-25 NORTH FOR 21 OR SO MILES. TAKE EXIT 119 AND TURN LEFT TOWARDS MIDWAY RANCH ROAD. TURN RIGHT ON MIDWAY RACH ROAD IN ABOUT A MILE YOU WILL BE AT A GATED DRIVEWAY ON YOUR LEFT. FOLLOW DRIVEWAY PAST THE HOUSE AND KEEP RIGHT WHEN THE GRAVEL PATH FORKS. FOLLOW THIS TO THE TOWER.	MOU	NT MODIFICATION REQUIRED: APPROVED SMART KIT VENDORS:	YES REFER TO MOUNT MO PAGES FOR VZW SMA

REV:	DATE:	BY:
0	2/4/2025	EDNA
IENTS	6	

ZWSMART.COM

REPORT

UNT MODIFICATION DRAWINGS ZW SMART KIT APPROVED VENDORS



GENERAL CONSTRUCTION NOTES:

- OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
 - BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
 - 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
 - TOWER LIGHTING GENERATORS & LIQUID PROPANE TANK
- ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
- ANTENNAS (INSTALLED BY OTHERS)
- TRANSMISSION LINE
- TRANSMISSION LINE JUMPERS
- TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS TRANSMISSION LINE GROUND KITS
- HANGERS
- HOISTING GRIPS
- O. BTS EQUIPMENT
- THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING 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
- ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS
- CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
- 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.
- DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS 7
- 8 DETAILS SHOWN ARE TYPICAL: SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION 9. SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR
- CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED 10. FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, 34. ANCHOR BOLTS, ETC.
- CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES. GROUNDS 11. DRAINS, DRAIN PIPES, VENTS, ETC, BEFORE COMMENCING WORK
- INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON 12. REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION, ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
- EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS 13. 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
- ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING 15. INSTALLATION USING A SILICONE SEALANT
- WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET. 16. CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY
- CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE 17. AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT
- CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF 18. EACH DAY
- CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER 19. CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
- CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) 20. ITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WOR
- 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 21. 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
- 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
- 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 BS OF EXTERNAL AND DIRECT THE PROJECT DESCRICTION THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR 27. SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND
- WHEN THE PROJECT SCOPE REQUIRES THE USE OF THE SAFETY CLIMB, THE GENERAL 28. CONTRACTOR SHALL ENSURE THE SAFETY CLIMB IS FREE OF OBSTRUCTIONS, NOT RUBBING ON OR TRAPPED BY ANY INSTALLED CUSTOMER EQUIPMENT, IS VISUALLY TAUT, MEETS MANUFACTURER INSTALLATION SPECIFICATIONS, AND IS FIRMLY SECURED AT ALL CABLE GUIDE LOCATIONS UPON PROJECT COMPLETION.
- COMPLETION OF PROJECT SHALL NOT OBSTRUCT TRAP LOOSEN OR OTHERWISE CAUSE FAILURE TO MEET MANUFACTURER INSTALLATION REQUIREMENTS FOR THE SAFETY CLIMB.
- 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.
- THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND 31. 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.
- 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
- 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.
- 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 APPLIBTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
- 35. 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:

29.

30.

33.

2.

- ANTENNA AND COAXIAL/HYBRID CABLES ARE FURNISHED BY VERIZON 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
- B. INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND VERIZON SPECIFICATIONS.
- C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.
- D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE
- INSTALL COAXIAL/HYBRID CABLES AND TERMINATING BETWEEN ANTENNAS AND E. EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL/HYBRID CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED
- ANTENNA AND COAXIAL/HYBRID CABLE GROUNDING:
- A. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL

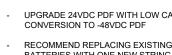
ALL COAXIAL/HYBRID CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL/HYBRID CABLE (NOT WITHIN BENDS) В.

AMERICAN TOWER®
ATC TOWER SERVICES LLC
1 FENTON MAIN SUITE 300
CARY, NC 27511
PHONE: (919) 468-0112
THE USE AND PUBLICATION OF THESE DRAWINGS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OR THE SPECIFIED CARRIER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION.
REV. DESCRIPTION BY DATE
O FOR CONSTRUCTION EDNA 2/4/2025
△
ATC SITE NUMBER: 411241
ATC SITE NAME:
PPIR CO
VERIZON SITE NAME:
PPIR
SITE ADDRESS:
17610 MIDWAY RANCH ROAD FOUNTAIN, CO 80817
SEAL:
SOURADO LICEA SOURADO LICEA REICK P. SPASTO TO 0049364 SOURAL ENGINE
Digitally Signed: 2025-02-04
Verizon
CUSTOMER ID: PPIR
CUSTOMER #: 5000268092
GENERAL NOTES
SHEET NUMBER: REVISION:
G-002 0

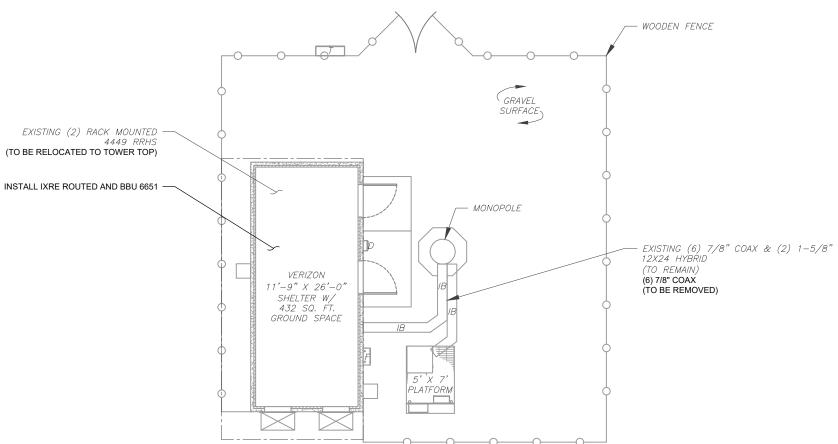
ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE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

SITE PLAN NOTES:

- THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL 1. VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
- 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 2. 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.
- NO ELECTRICAL SCOPE IS INCLUDED IN THIS PROJECT. 3.

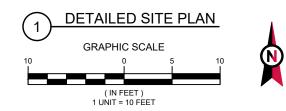


REMOVE (2) CDMA CABINETS





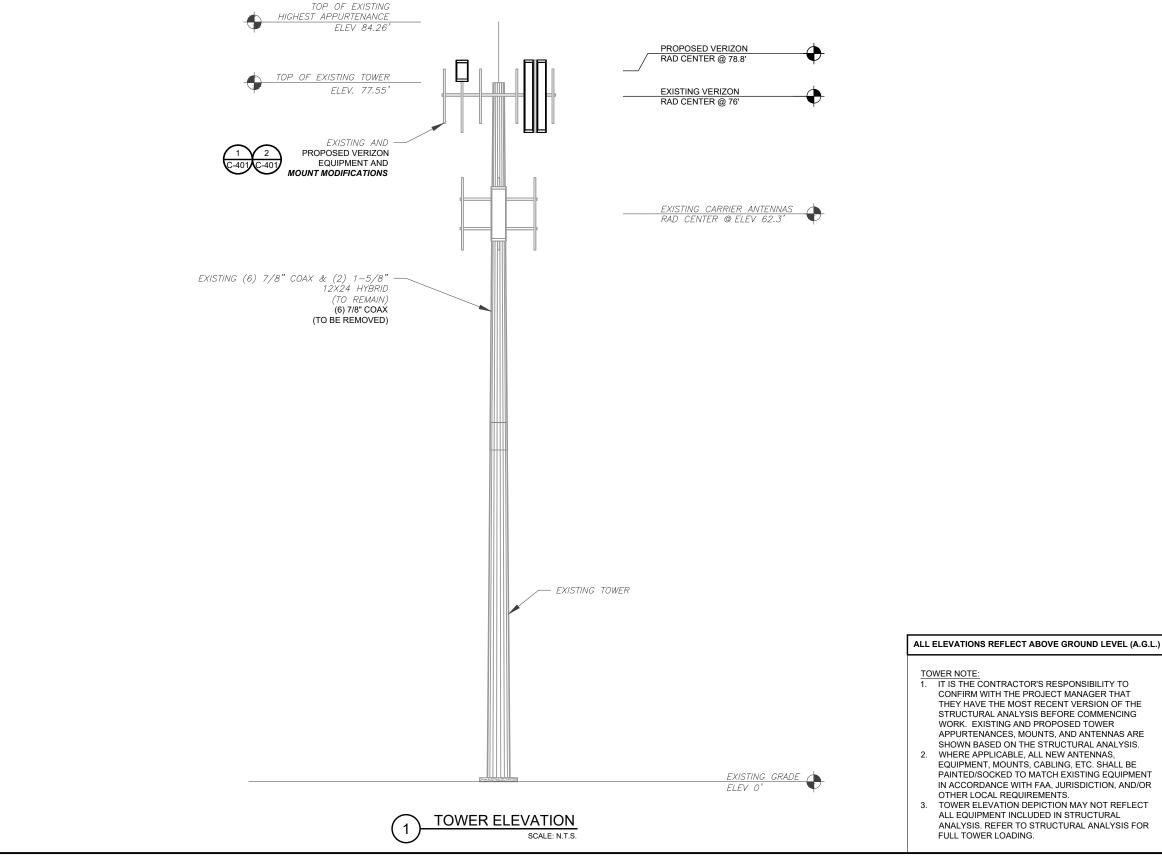
LEGEND



AP INFINITY M G GNB G OF SAFT TLX THE NEWLY	AMERICAN TOWN ATC TOWER SERVICES 1 FENTON MAIN SUITE 300 CARY, NC 27511 PHONE: (919) 468-0112	
	THE USE AND PUBLICATION OF THESE SHALL BE RESTRICTED TO THE ORIGIN. WHICH THEY ARE PREPARED. ANY DISCLOSURE OTHER THAN THAT WHIC TO AMERICAN TOWER OR THE SPECIFII IS STRICTLY PROHIBITED. NEITHER THE NOR THE ENGINEER WILL BE PROVIDIN CONSTRUCTION REVIEW OF THIS P CONTRACTOR(S) MUST VERIFY ALL DI AND ADVISE AMERICAN TOWER OR THH CARRIER OF ANY DISCREPANCIES. A ISSUANCE OF THIS DRAWING IS SUPEF THE LATEST VERSION.	AL SITE FOR USE OR H RELATES ED CARRIER ARCHITECT NG ON-SITE ROJECT. MENSIONS E SPECIFIED NY PRIOR 3SEDED BY
	REV. DESCRIPTION B	Y DATE NA_2/4/2025
	ATC SITE NUMBER: 411241 ATC SITE NAME: PPIR CO VERIZON SITE NAME: PPIR	
	SITE ADDRESS: 17610 MIDWAY RANCH ROA FOUNTAIN, CO 80817 SEAL:	٨D
	OURADO LICEN	
	Digitally Signed: 2025-0)2-04
	VERIZO	n⁄
	CUSTOMER ID: PPIR	
	CUSTOMER #: 5000268092	
	DETAILED SITE P	LAN
	SHEET NUMBER:	REVISION
	C-101	0

RECOMMEND REPLACING EXISTING BATTERIES WITH ONE NEW STRING 180S LOCATED ON SHELVE UNDER UPGRADED PDF

EQUIPMENT.

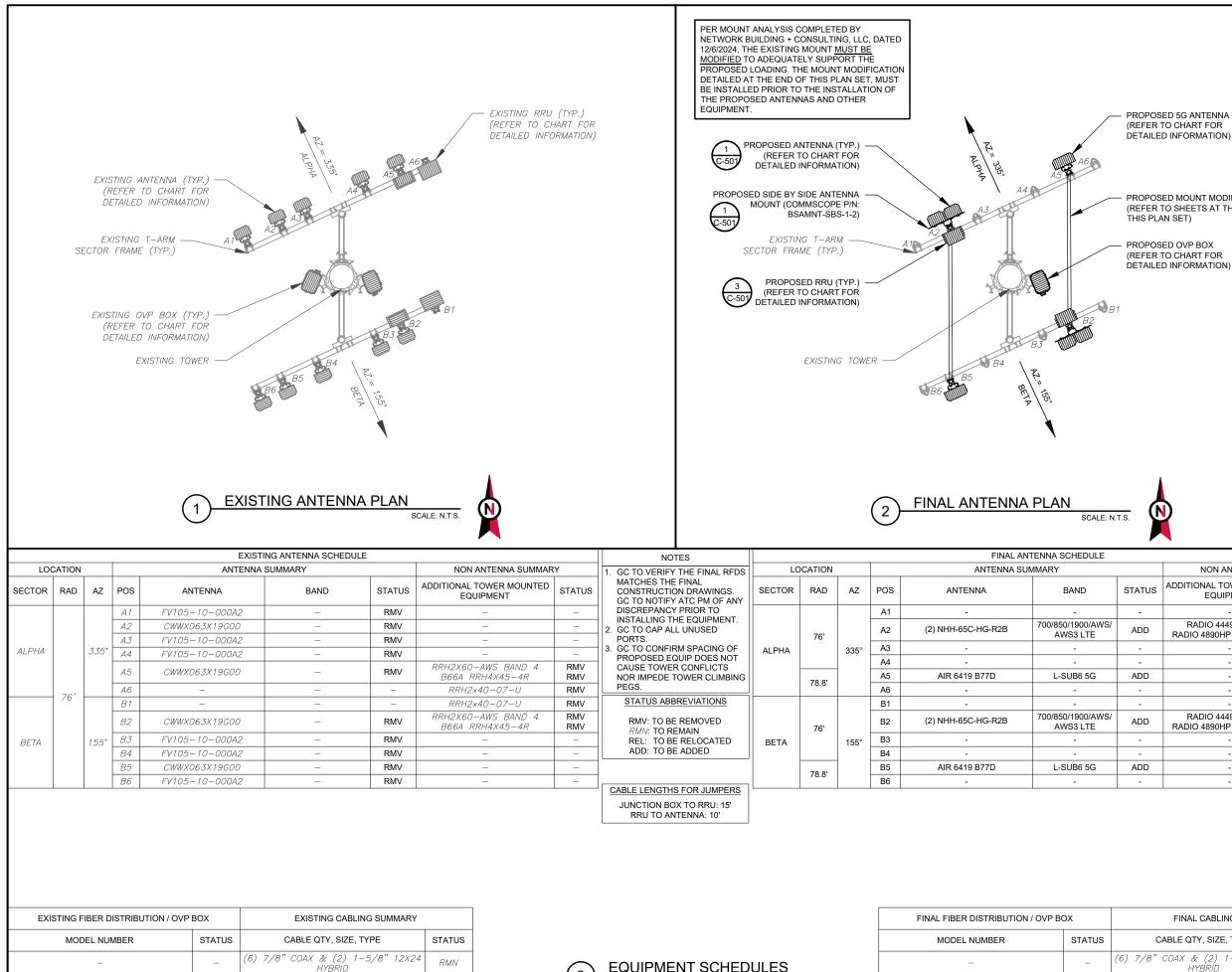


PER MOUNT ANALYSIS COMPLETED BY NETWORK BUILDING + CONSULTING, LLC, DATED 12/6/2024, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION DETAILED AT THE END OF THIS PLAN SET. MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER

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 TOWER ELEVATION DEPICTION MAY NOT REFLECT

ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR





(6) 7/8" COAX

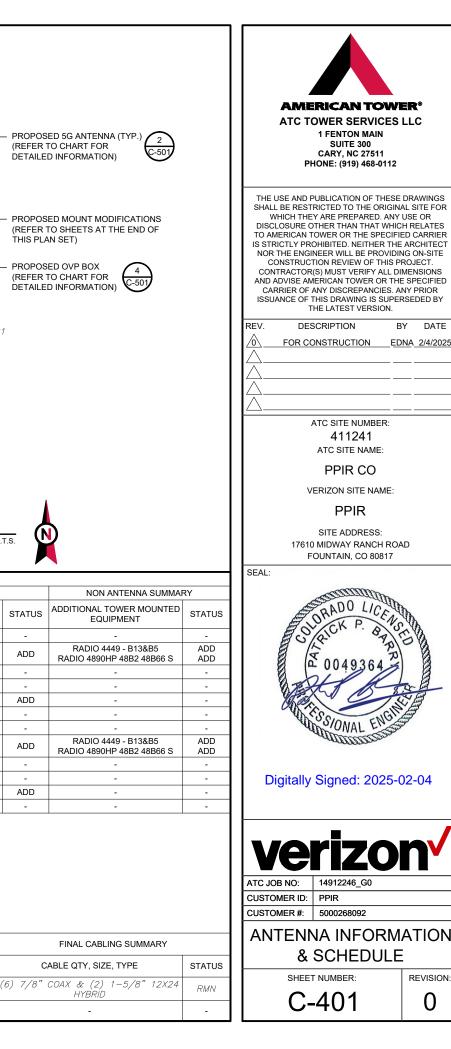
RMV

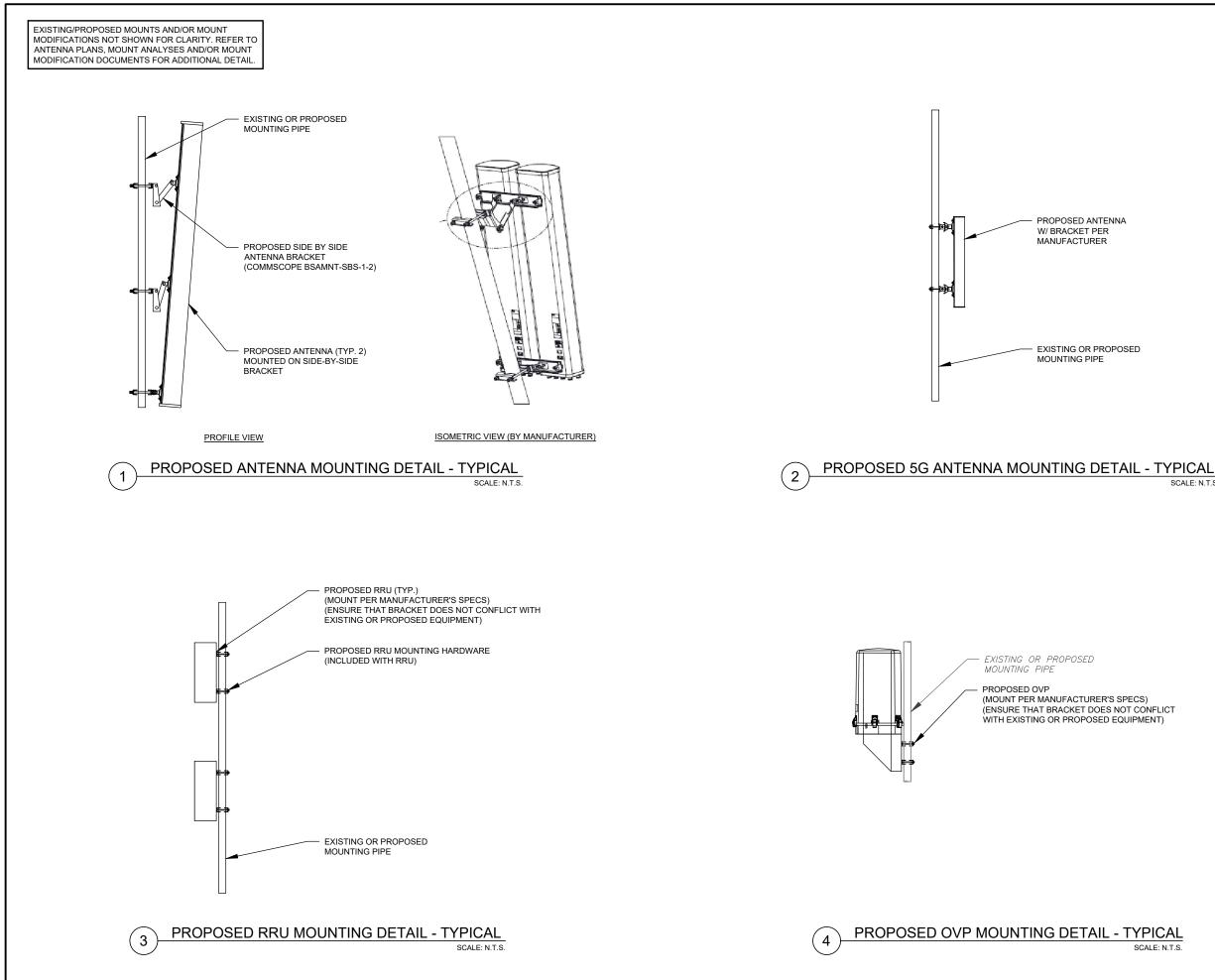
(2) RXXDC-3315-PF-48 (OVP6)

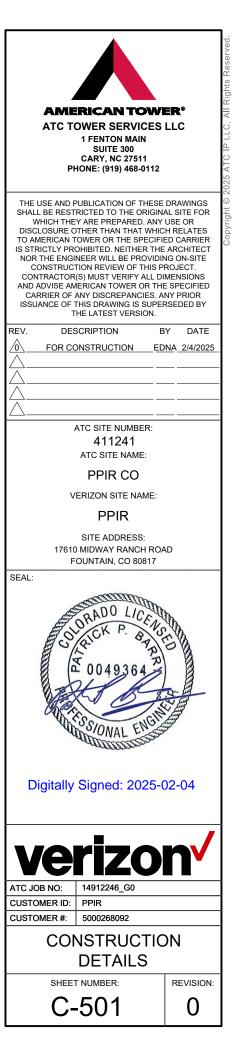
RMV

EQUIPMENT SCHEDULES 3

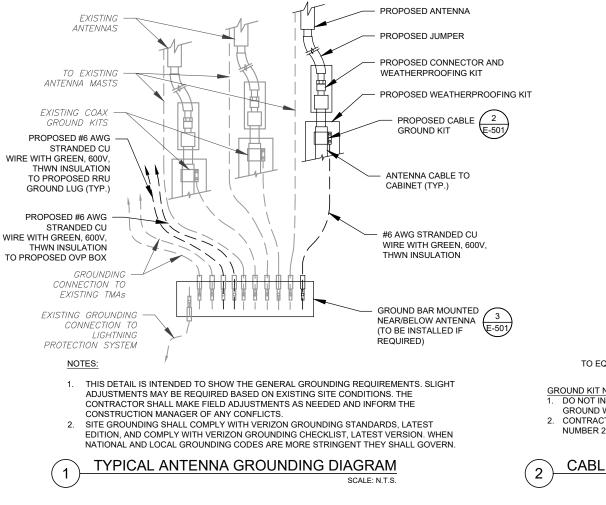
RCMDC-6627-PF-48 (OVP12) ADD 0

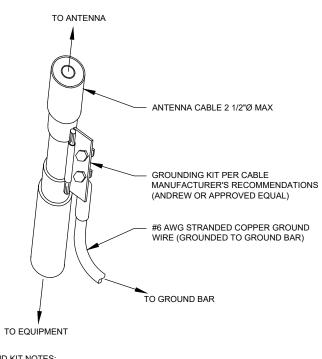








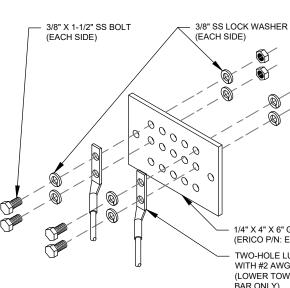






2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

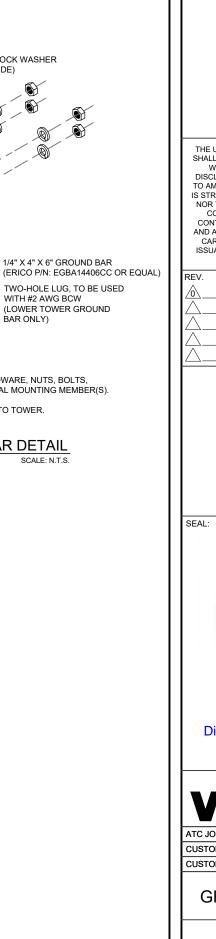




GROUND BAR NOTES:

- 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.









WEST > Desert Mountain Plains > Mountain Plains > Aurora-2 > PPIR Eicens, Bryan - bryan.eicens@verizonwireless.com - 20240923_170357

Project I	Details						Location Information	1						
		C	arrier Aggre	gation	N				Site Id	394690				
				Ecip	N			Sear	ch Ring#					
			Project	Name	4G CBRS - CA	RRIER ADD		E-No	odeB ID#	16513				
			Project Alt	Name	PPIR - C-BANI	D ONETOUCH			PSLC#	119048				
			Pro	ject Id	16583205			Swit	ch Name					
		Designed	Sector Carr	ier 4G	10			Tower Type						
		Designed	Sector Carr	ier 5G	2			9	Site Type	MACRO				
		Additional	Sector Carr	ier 4G	0			Street Address 16650 Midway Ranch Rd						
Additional Sector Carrier 5G 0								City Fountain						
	Suffix								State	00				
	FF	FP Solution Type & Tech Type MODIFICATION:4G_AWS3;5G_L-Sub6;4G_ PCS;4G_Radio Swap					-	:	Zip Code	30817				
								County						
							La			38.577286/ 38° 34' 3	8.230"			
								Longitude -104.6633/ 104° 39' 47.880"						
						An	tenna Summary							
Added A	Antenna					1								
700	850	1900	AWS	AWS3	L-Sub6	Make	Model	Center line	Tip Height	Azimuth	Install Type	Quantit		
					5G	Ericsson	AIR6419	76.8	78	335(A), 155(B)	PHYSICAL	2		
LTE	LTE	LTE	LTE	LTE		CommScope	NHH-65C-HG-R2B	76.8	80.8	335(B), 155(A)	PHYSICAL	4		

Removed	Removed Antenna													
700	850	1900	AWS	AWS3	L-Sub6	Make	Model	Center line	Tip Height	Azimuth	Install Type	Quantit		
	LTE					DECIBEL PRODUCTS	DB844H105ESX_0	78	80	335(B),155(A)	PHYSICAL	4		
LTE			LTE			AMPHENOL	HEX656CW0000X	76.8	79.9	335(A), 155(B)	PHYSICAL	4		

Retained	Retained Antenna												
700	850	1900	AWS	AWS3	L-Sub6	Make		Center line	Tip Height	Azimuth	Install Type	Quantit	

			Added: 6			Removed: 8		Retained: 0		
						Nor	n Antenna Summary			
Added Non A	ntenna									_
Equipment Type	Location	700	850	1900	AWS	L-Sub6	Make	Model	Install Type	Quantity
OVP	Tower	LTE	LTE	LTE	LTE	5G		12 OVP	PHYSICAL	1
OVP	Shelter							12 OVP	PHYSICAL	1
Hybrid Cable	Tower						N/A	12x24 Hybriflex	PHYSICAL	2
RRU	Tower	LTE	LTE				Ericsson	4449	PHYSICAL	2
RRU	Tower			LTE	LTE		Ericsson	4890	PHYSICAL	2
BBU	Shelter						Ericsson	6651	PHYSICAL	1
RRU	Tower					5G	Ericsson	AIR6419 B77D	PHYSICAL	0
Mount	Tower						Commscope	BASMNT-SBS-1-2	PHYSICAL	2

Removed Nor	Removed Non Antenna													
Equipment Type	Location	700	850	1900	AWS	L-Sub6	Make	Model	Install Type	Quantity				
RRU	Shelter		LTE				Ericsson	4449	PHYSICAL	2				
RRU	Tower	LTE					Alcatel-Lucent	UHBA B13 RRH 4x30	PHYSICAL	2				
RRU	Tower				LTE		Alcatel-Lucent	UHIC B4 RRH 2x60-4R	PHYSICAL	2				

Retained Non	Retained Non Antenna													
Equipment Type	Location	700	850	1900	AWS	L-Sub6	Make	Model	Install Type	Quantity				
RRU	Tower						Ericsson	4449	LEASE	2				
BBU	Shelter						Ericsson	6630	PHYSICAL	1				

Added: 11

1

Removed: 6 Retained: 3

RFDS EQUIPMENT SUMMARY

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



SUPPLEMENTAL

NHH-65C-HG-R2B

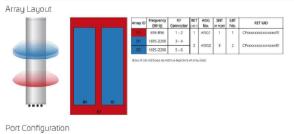


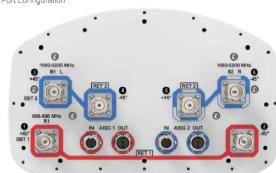
6-port Next Generation High Gain sector antenna, 2x 698–896 and 4x 1695–2200 MHz, 65° HPBW, 2x RET

 Powered by CommScop+'s next generation high-efficiency SEED TM technology
 Antenna optimized for higher gain with improved radiation efficiency
 Designed to reduce SUB 1 alarm triggers with pattern consistency between low band and mid band rference mitigation for improved SINR and throughput sole technology results into an attractive, low wind load mechanic liew remote RFT control from the radio over the RF jumper cable

General Specifications	
Antenna Type	Sector
Band	Multiband
Color	Light Gray (RAL 7035)
Grounding Type	RF connector body grounded to reflector and mounting bracket
Performance Note	Outdoor usage
RF Connector Interface	4.3-10 Female
RF Connector Location	Bottom
RF Connector Quantity, Low band	2
RF Connector Quantity, Mid band	4
RF Connector Quantity, Total	6
Remote Electrical Tilt (RET) Infor	mation
RET Hardware	CommRET v2
RET Interface	8-pin DIN Male 8-pin DIN Female
Power Consumption, idle state, maximum	2 W
Power Consumption, active state, maximum	10 W
Input Voltage	10-30 Vdc
Protocol	3GPP/AISG 2.0 (Simple RET)
Internal RET, Low band	1
Internal RET, Mid band	1
Internal Bias Tee	Port 1:Port 3
RET Interface, quantity	2 Male 2 Fernale
Antenna Dimensions and Weigh	t
Length	2438 mm 96.0 in
Width	301 mm 11.9 m
Depth	180 mm 7.1 in
Net Weight, without mounting kit	26 kg 57.3 lb

NHH-65C-HG-R2B





NHH-65C-HG-R2B

Operating Frequency Band		698 - 896 MH	z 1695 - 2200 MHz		
Impedance, ohms		50 ohm			
Polarization		±45*			
Electrical Specifications					
RF Ports	1, 2	1, 2	3, 4, 5, 6	3, 4, 5, 6	3, 4, 5, 6
Array	R1	R1	B1, B2	B1, B2	B1, B2
Frequency Sub-Range, MHz	698-798	824-896	1695-1880	1850-1990	1920-220
Gain, Maximum, dBi	17.4	17.4	19.4	19.5	20.1
Gain, dBi	17	17.3	19.1	19.3	19.B
Beamwidth, Horizontal, degrees	65	60	66	65	63
Beamwidth, Vertical, degrees	8.7	7.7	5.2	4.9	4.7
UGLG (First Lobe), dD	16	16	17	10	10
Beam Tilt, degrees	0-11	0-11	0-7	0-7	0-7
Front-to-Back Ratio at 180°, dB	30	31	37	35	37
CPR at Boresight, dB	17	14	17	18	19
Isolation, Cross-Polarization, dB	25	25	25	25	25
PIM, 3rd Order, 2 x 20 W, dBc	+153	-153	+153	-153	-153
VSWR Return loss, dB	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0
Input Power per port, Maximum (at elevated temp 50°C), Watt	300	300	250	250	250
Material Specifications					
Radiator Material		Copper Low Ir	uss circuit board		
Radome Material		Fiberglass, UV r	resistant		
Reflector Material		Aluminum			
Mechanical Specification	S				
Wind Loading @ Velocity, frontal		393 N @ 150 k	m/h (88.3 lbf @ 150	km/h)	
Wind Loading @ Velocity, lateral		330 N @ 150 k	m/h (74.2 lbf @ 150	km/h)	
Wind Loading @ Velocity, rear		198 N 85 150 k	m/h (89.5 lbt @ 150	km/b)	
Wind Loading @ Velocity, maximum			m/h (170.2 lbf @ 15		
Wind Speed, maximum		241 km/h 150			
Packaging and Weights Net Weight					
		2571 mm 1404	2.14		
Length, packed		2571 mm 101			
Width, packed		380 mm 15.0			
Depth, packed		295 mm 11.6	in		

NHH-65C-HG-R2B

Regulatory Compliance/Certifications Agency

ISO 9001:2015 Designed, manufactured and/or distributed under this guality management syste

ISO

Page 1 of 4

Page 3 of 4

COMMSCOPE

COMMSCOPE

Included Products

BSAMNT-3 — Wide Profile Antenna Do bracket set and one bottom bracket set. nting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top

* Footnotes

Performance Note Severe environmental conditions may degrade optimum performance

AIR 6419 B77D/ C-Band

- Advanced Antenna System (AAS)
- 64TX/64RX with 192 AE, (3x1)x(4x8) x-pol
- Up to 320W , PSD 4W/MHz
- EIRP up to 79 dBm
- Up to 200 MHz IBW
- Max total carrier BW: 200MHz for NR

Support number of layers: DL/UL 16/8

AIR 6419 B77D/ C-Band	Height	Width	Depth	Weight	
wo protruding items	28.3 ln (717 mm)	16.1 In (408 mm)	7.25 ln (184 mm)	64 lbs	
w protruding items	31.3 ln (793 mm)	16.1 In (408 mm)	9.1 ln (230 mm)	(28.6 Kg)	
			The weight is	given with ±5% occurate	

3 x 25 Gbps eCPRI

- 48 VDC (3-wire or 2-wire), Fuse Minimum 40 A, maximum 50 A
- Power consumption with 100% Load @ 25C is 1200W
- 40 to +55°C



BSAMNT-SBS-1-2

Side-By-Side Mounting Kit to mount two antennas on a pipe with 2.375 - 4.5 inch (60 – 115 mm) diameter

Supports SBNHH and NHH 65° and 85° antennas

Product Classification

Product Type Mounting kit

General Specifications

Application Outdoor Color Silver

Dimensions

Compatible Diameter, maximum 114.3 mm | 4.5 in 61 mm | 2.402 in Compatible Diameter, minimum

Weight, net 11.6 kg | 25.574 lb

Material Specifications Material Type Galvanized steel

Packaging and Weights

Included Brackets | Hardware Packaging quantity

12.3 kg | 27.117 lb Weight, gross

Compliant

Regulatory Compliance/Certifications Classification Agency

CHINA-ROHS Below maximum concentration value ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance





Page 1 of 2

EQUIPMENT SPECIFICATIONS 1

COMMSCOPE"

Page 4 of 4

COMMSCOPE

SCALE: N.T.S.

NOTE: THIS SHEET O BY REQUEST



Pending Commercial Agreements

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OF CUSTOMER WITHOUT EDIT.







max measurements/ will not exceed

– B13 + B5 Radio 4449 4Tx 4RX per band

- > 4 antenna ports, 4TX/4RX for 2 bands with common RF ports
- > Up to 320W RF Power shared between 2 bands
 - Examples:
 - > 4x40W on each band or
 - > 2x60W each band on two high-power RF ports
- Carrier Capacity:
- > Up to 24 carrier and up to 10+25 MHZ OBW for LTE
- > 2x 10Gbps CPRI
- Size and Weight:

Radio 4449 - B13& B5	Height	Width	Depth	Weight
wo protruding items	15 ln (380 mm)	13.2 ln (335 mm)	9.3 ln (235 mm)	70 lbs
w protruding items	18 ln (455 mm)	13.2 In (335 mm)	9.4 ln (240 mm)	(31.7 Kg)

> -48 VDC

- > 2x20A fuse (2 power connectors, 2 or 3 wire)
- > AISG TMA & RET support (2 Bias-T, 1 ALD port)
- > Type 4.3-10 RF connectors
- > 2 external alarms
- > IP 65, -40 to +55 ℃

Commercial in confidence | Anders OTTO | 2017-07-13 | Page 1



Portrait Mount Only



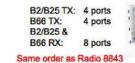
Radio 4890HP 48B2 48B66 S 2

- 8 RF ports, 4T8R per band (S for TX)
- B2: 4x60W
- B66: 4x60W
- Up to 480W in total RF power
- L, NR, NB-IoT
- 2x 2.5/4.9/9.8/10.1/24.3 Gbps CPRI/eCPRI

Radio 4890HP 48B2 48B66 S	Height	Width	Depth	Weight	
wo protruding items	17.5 In (444 mm)	15.2 In (384 mm)	7.0 ln (176 mm)	~69.5 lbs	
w protruding items	20.6 ln (522 mm)	15.7 in (397 mm)	7.2 In (182 mm)	(~31.5 Kg)	

- -48 VDC 2-wire (single DC-connector),
- AISG v3.0 TMA & RET support via RS-485 or RF connectors
- Type 4.3-10 RF + connectors
- 2 external alarm
- Convectional cooling
- Optional fan for increased site flexibility
- IP 65, -40 to +55°C





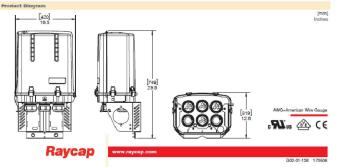
max measurements/ will not exceed



Moder Numbers	RCMDC-6627-PF-48
Nominal Operating Voltage	48 VDO
Nominal Discharge Ourrent [I,]	20 kA 8/20 µs
Maximum Surge Ourrent [Imm]	60 KA 8/20 µs
Maximum impulse (Lightning) Ourrent per IEO 61643-11	6 KA 10/360 µs
Maximum Continuous Operating Voltage [U,]	75 VDO
Voltage Protection Rating (VPR) per UL 1449 4th Edition	400V
Protection Class as per IEO 61643-11	Olass I
Power Alarm	cross polarity, short circuit, or power outage
Intrusion Sensor	microswitch
Maisture Sensor	Infrared moleture detector
Strikesorb Module Type	80-V1-20HV Strikesorb modules installed to protect 12 Remote Radio Heads
Power Boost Ready	RS486 twisted pair connection available
lechanical	
Suppression Connection Method	Compression lug, #14 - #2 AWG (2 mm ² - 88 mm ²)
Fiber Connection Method	LO-LO Single mode
Pressure Equalizing Vent	Gore™ Vent
Environmental Rating	IP 67
Operating Temperature	-40° C to +80° C
UV Registant	Yeo
Dimensions (L x W x H)	12.6" x 16.6" x 29.6" [819mm x 420mm 749mm]
	System: 32 lbs (14.51 kg)
Weight	

Standarda

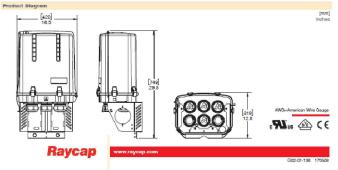
Protective Device (DPD) Gandards UL 1449 4 Feddion, IEC 61643-112011, EN 61643-112012, IEEE C82.11, IEEE C82.41, J. IEEE C82.45 NESS certified to: GR-83-CORE Issue 4, GR-1089-CORE Issue 6, GR-310 GR-487-CORE Issue 4, GR-480-CORE Issue 1



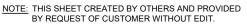


Moder Numbers	RCMDC-6627-PF-48
Nominal Operating Voltage	48 VDO
Nominal Discharge Ourrent [I,]	20kA 8/20 µs
Maximum Surge Ourrent [I]	60kA 8/20 µ8
Maximum Impulse (Lightning) Ourrent per IEO 61643-11	5 kA 10/350 µa
Maximum Continuous Operating Voltage [U,]	76 VDO
Voltage Protection Rating (VPR) per UL 1449 4th Edition	400V
Protection Olass as per IEO 81848-11	Olass I
Power Alarm	cross polarity, short circuit, or power outage
Intrusion Sensor	microswitch
Molsture Sensor	Infrared molature detector
Strikesorb Module Type	30-V1-20HV Strikesorb modules installed to protect 12 Remote Radio Heads
Power Boost Ready	RS485 twisted pair connection available
lechanical	
Suppression Connection Method	Compression lug, #14 - #2 AWG (2 mm ² - 88 mm ²)
Fiber Connection Method	LO-LO Single mode
Pressure Equalizing Vent	Giore™ Vent
Environmental Rating	IP 67
Operating Temperature	-40° O to +80° O
UV Resistant	Yes
Dimensions (L x W x H)	12.6" x 16.5" x 29.5" [319mm x 420mm 749mm]
Weight	System: 82 lbs (14.51 kg)
Combined Wind Loading	160mph (sustained): 185 lbs (823 N)
tandards Compliance	
Strikesorb modules are compliant to the following Surge	Protective Device (SPD) Standards

UL 1449 47 60100, IEC 61645-112011, EN 61643-112012, IEEE C82.11, IEEE C62.41.2, IEEE C62.45 NEES certified to GR-63-CORE Issue 4, GR-1089-CORE Issue 6, GR-3108-GR-87-CORE Issue 4, GR-950-CORE Issue 1



RE Issue 3,





REVISION: 0

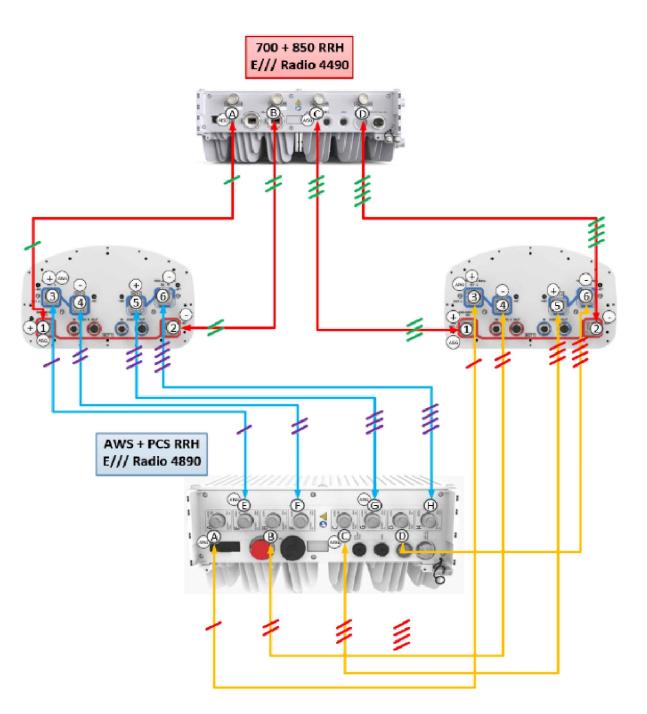
SUPPLEMENTAL



Now confirmed

3

Andrew NHH-65-HG A/B/C-R2B 2x 6-Port Antennas + 2x RRHs per sector



Proprietary and Confidential. Not for disclosure outside of Verizon.



RFDS PLUMBING DIAGRAM 1

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

SUPPLEMENTAL



REVISION: 0





Network Building + Consulting, LLC 1777 Sentry Parkway W VEVA 17, Suite 400 Blue Bell, PA 19422 (267) 460-0122 NBC_SmartTool@nbcllc.com

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10260516 NB+C Project #: 100820

December 6, 2024

Site Information	Site ID:	5000268092-VZW / PPIR
	Site Name:	PPIR
	Carrier Name:	Verizon Wireless
	Address:	16650 Midway Ranch Rd
		Fountain, Colorado 80817
		El Paso County
	Latitude:	38.577286°
	Longitude:	-104.663300°
		70 5/14
Structure Information	Tower Type:	78-Ft Monopole
	Mount Type:	12.50-Ft T-Arms

FUZE ID # 16583205

Analysis Results

(2) T-Arms: 73.7% Pass w/ Modifications*

*Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.

<u>***Contractor PMI Requirements:</u> Included at the end of this MA report Available & Submitted via portal at https://pmi.vzwsmart.com For additional questions and support, please reach out to: vzwpmisupport@nbcllc.com

Report Prepared By: Ziena Ali, EIT



Mount Post-Modification Analysis Report (2) 12.50-Ft T-Arms

December 6, 2024 Site ID: 5000268092-VZW / PPIR Page | 6

Requirements:

The existing mounts will be SUFFICIENT for the final loading configuration (attachment 2) after the modifications detailed in attachment 3 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. Contractor Required PMI Report Deliverables
- 2. Antenna Placement Diagrams
- 3. Mount Modification Drawings
- 4. Mount Photos
- 5. Mount Mapping Report (for reference only)
- 6. Analysis Calculations

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 CONTRUCTION.



SHEET NUMBER: R-605

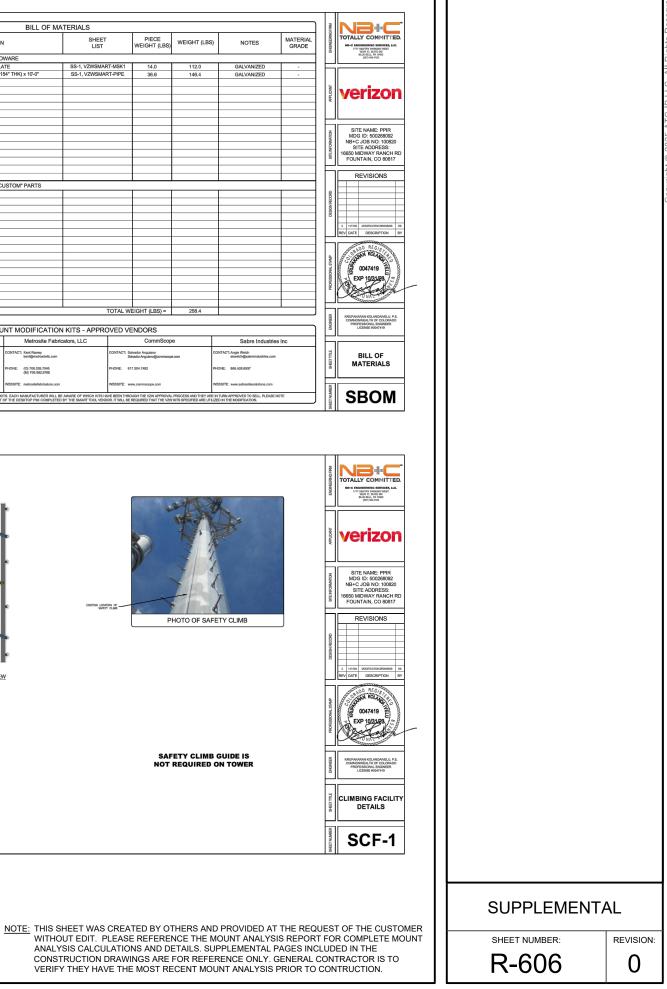
SUPPLEMENTAL

REVISION: 0

MOUNT MODIFICATIONS ່1

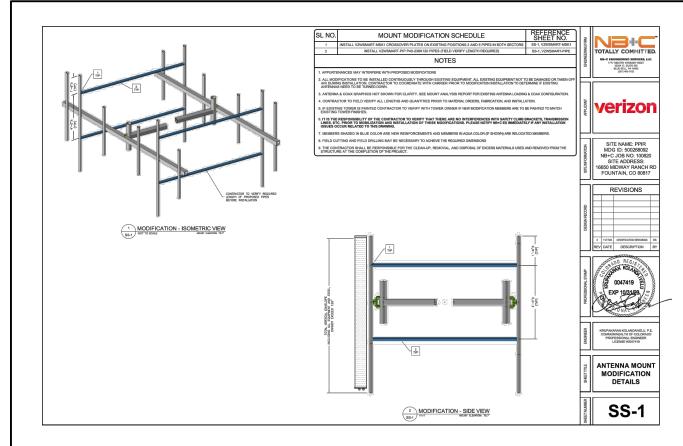
GENERAL NOTES			BOLT HOLE DIMENSIONS			N				
	STEEL: 1. ALL PROPOSED MEMBERS TO USE THE PREFERRED MATERIAL SPECIFICATION AS DEFINED	BOLT DIAMETER	STANDARD HOLE DIAMETER	OVERSIZED HOLE DIAMETER	SHORT SLOTTED	LONG SLOTTED	NGF	TOTALLY COMMITTED.		
ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES. IT IS THE CONTRACTORS BESPONSEILITY TO ORTAIN ALL PERMITS NECESSARY TO COMPLETE THE	BY THE AISC CODE AND ASTM SPECIFICATIONS.	1/2"	9/16"	5/8"	9/16" x 11/16" +	9/16° x 1-1/4" •	8	NB+C ENGINEERING SERVICES, LLC.		
RESPONSIBLITY TO OBTAIN ALL PERMITS NECESSARY TO COMPLETE THE PROJECT AND ABDE BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.	 ALL CONNECTIONS OF STRUCTURAL STEEL MEMBERS SHALL BE MADE USING SPECIFIED WELDS WITH WELDING ELECTRODES E-70XX OR SPECIFIED HIGH STRENGTH BOLTS TO BE 	5/8"	11/16"	13/16"	11/16" x 7/8" •	11/16" x 1-9/16" o	ENG	1777 SENTRY PAGGANY WEBT VENA 17, SUITE 400 BUJE BELL, PA 19422 (207) 460-0122		
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS AT THE SITE BEFORE	ASTM A325N, THREAD INCLUDED WITH SHEAR PLANE (UNLESS OTHERWISE NOTED). 3. ALL BOLTED CONNECTIONS TO BE INSTALLED TO A SNUG-TIGHTENED CONDITION IN	3/4*	13/16"	15/16"	13/16" x 1" o	13/16° x 1−7/8° ⇔		(267) 468-5122		
ORDERING ANY MATERIALS OR DOING ANY WORK. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCE BETWEEN ACTUAL	ACCORDANCE WITH AISC 15 PART 16.2, "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS, SECTION 8.1, UNLESS OTHERWISE SPECIFIED, WHEN "X" TYPE	7/8"	15/16"	1-1/16"	15/16" x 1-1/8" o	15/16" x 2-3/16"				
DIMENSIONS AND DIMENSIONS INDICATED ON THE CONSTRUCTION DRAWINGS. ANY SUCH DISCREPANCY IN DIMENSION WHICH MAY BE FOUND SHALL BE SUBMITTED TO NB-CE INDINEERING SERVICES. LLC. FOR CONSIDERATION	BOLTS ARE USED, CONTRACTOR MAY BE REQUIRED TO STACK ADDITIONAL WASHERS TO OBTAIN PROPER SNUG TIGHT INSTALLATION. ALL NUTS SHALL BE HEAVY HEX UNLESS OTHERWISE NOTED.	<u> </u>	1-1/16"	1-1/4"	1-1/16" x 1-5/16" o	1-1/16" x 2-1/2"				
BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK IN THE AFFECTED	4. ALL STEEL, AFTER FARRICATION, SHALL BE HOT DIPPED GAI VAN/ZED PER ASTM A-123. ALL				NUT ROTATION	FROM	ž			
 INCORRECTLY FABRICATED, DAMAGED, OTHERWISE MISFITTING, OR NON CONFORMANC MATERIALS AND CONFIDENCES IN A REPORTED TO 	DAMAGED SURFACES, WELDED AREAS AND AUTHORIZED NON-GALVANIZED MEMBERS OR PARTS (EXENTION OR NEW) SHALL BE TREATED AS SPECIFIED IN THE "COLD GALVMCKITIONSURFACE PREPARATION NOTES" SECTION ON THIS SHELT.	MINIMONED	GE DISTANCE	°	SNUG-TIGHT CON	DITION ^{a,b}	PL0	verizon		
NON-CONFORMING MATERIALS AND CONDITIONS SHALL BE REPORTED TO NBHC EINGNEERING SERVICES, ILC. PRIOR TO ANY REMEDIAL OR CORRECTIVE ACTION. ALL ACTIONS SHALL REQUIRE NBHC EINSINEERING SERVICES, ILC.	5. ALL SHOP AND FIELD WELDING SHALL BE DONE BY WELDERS QUALIFIED AS DESCRIBED IN					R FACE OF BOLTED PARTS	₹			
APPROVAL. 4. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION	THE "AMERICAN WELDING SOCIETY'S STANDARD QUALIFICATION PROCEDURE" TO PERFORM THIT TYPE OF WORK REQUIRED, CONTRACTOR IS REQUIRED TO PROVIDE UNKNEENING SERVICES, LLC, WHA A PASSING CRETIFIED WELDING INSPECTION FOR ALL WELDIN.	BOLT DIAMETER	WINIMUM EDGE DIST	ANCE BOLT LET	IGTH [®] BOTH FACES NORMAL T	O BOLT SLOPED NOT MORE				
PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OF FELD	6. STRUCTURAL STEEL MAY NOT BE TORCH OUT FOR FABRICATION. ALL STEEL FABRICATION	1/2*	7/8*		NORMAL TO AXIS, O' BOLT AXIS SLOPED MORE THAI	NOT NORMAL TO BOLT	E			
MODIFICATIONS, THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR THE DOWNS THAT MAY BE NECESSARY, SUCH MATERIAL SHALL BE REMOVED AFTER THE COMPLETION OF THE PROJECT.	MUST FOLLOW AISC STANDARDS.	5/6"	1-1/8*	NOT MORE T			s	SITE NAME: PPIR MDG ID: 500268092		
5. CONTRACTOR SHALL PROMPTLY REMOVE ANY & ALL DEBRIS FROM SITE AND	 ALL STEEL SHALL MEET OR EXCEED THE MINIMUM STRENGTH AS SPECIFIED IN THE DRAWINISS. IF YIELD STRENGTH WAS NOT NOTED IN THE DRAWINGS, CONTRACTORS SHALL CONTACT UNH-C FOR DIRECTION. 	3/4"	1-1/4*				TEMPS	NB+C JOB NO: 100820		
RESTORE AS BEST AS POSSIBLE TO PRECONSTRUCTION CONDITION. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO,	 FOR THREADED ROD CONNECTIONS, TRIM EXCESS THREADED ROD TO NO MORE THAN 3" PAST THE NUT. TREAT AS SPECIFIED IN THE "COLD GALVANIZATION SURFACE PREPARATION 	7/8"	1-1/2* (4)	NOT MORE THAN			E NFO	SITE ADDRESS: 16650 MIDWAY RANCH RD		
ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE	NOTES" SECTION ON THIS SHEET,	1*	1-3/4* [4]	NOT MORE THAN NOT MORE THAN NOTES:	80, BUT 2/3 TURN 5/6 TU WN 126, 2/3 TURN 5/6 TU	JRN 1 TURN	EIS	FOUNTAIN, CO 80817		
FOR THE EXECUTION OF THE WORK CONTAINED HEREIN AND SWALL MEET ASSP A10.48 (LATEST EXTRON), OSHA, AND GENERAL JUDUSTRY STANDARDS, ALL RIGGING PLANS SHALL ADHERE TO ASSP A10.48 AND ANSISTIA-322 (LATEST	MISCELLANEOUS NOTES: 1. ALL MODIFICATIONS ARE ASSUMED TO BE MADE ON AN EMPTY TOWER. CONTRACTOR IS	1-1/8*	2"		TATION IS RELATIVE TO BOLT REGAR	DLESS OF THE ELEMENT INUT OR				
EDITIONS) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.	RESPONSIBLE TO MAKE PROVISIONS TO SUPPORT OR WORK AROUND EXISTING ANTENNAS AND TRANSMISSION LINES. MODIFICATIONS MUST BE CONTINUOUS THROUGH ALL AREAS		2-1/4*	LESS, T ROTATE	TATION IS RELATIVE TO BOLT REGAR EINS TURNED, FOR REQUIRED NUT R HE TOLERANCE IS PLUS ON MINUS 30 DNS OF 2/3 TURN AND MORE, THE TO	DEGREES: FOR REQUIRED NUT LERANCE IS PLUS OR MINUS 45		REVISIONS		
 THE USE OF GAS TORCH OR WELDER ARE NOT ALLOWED ON ANY TOWER STRUCTURE WITHOUT THE CONSENT OF THE TOWER OWNER. 	SHOWN. 2. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.	1-1/4*		b. APPLIC	ABLE ONLY TO JOINTS IN WHICH ALL !	MATERIAL WITHIN THE GRIP IS				
CONTRACTOR GUALIFICATION NOTES:	FABRICATION NOTES:	GVER 1-1/4"	1-3/4" × d				8			
 ALL REPARS SHALL BE PERFORMED BY A TOWER CONTRACTOR WITH A MINIMUM 5 YEARS EXPERIENCE IN TOWER ERECTION AND RETROFT AND WITH 	 ALL DIMENSIONS ARE PRELIMINARY UNTIL FIELD VERIFIED BY CONTRACTOR. ANY CHANGES MUST BE APPROVED BY ENGINEER OF RECORD IN WRITING PRIOR TO FABRICATION AND 	TYPICAL BC	OLT ASSEMBLY		 WHEN THE BOLT LEAGTH EXCEEDS 12D, THE REQUIRED NUT ROTATION SHALL BE DETERMINED BY ACTUAL TESTING IN A SUITABLE TENSION CALIBRATION THAT SIMULATE THE CONDITIONS OF SOLIDLY FITTING STEEL BEVELED WASHER NOT USED. 		NRE			
WORKING KNOWLEDGE OF THE ANSITTA-222-H "STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS AND SMALL WIND	INSTALLATION.				D WHATER NOT GAED.		DESIG			
TURBINE SUPPORT STRUCTURES". 2. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND	 New Steel, MEMBERS MUST HAVE SINGLE DRILLED HOLES, SLOTTED AND DOUBLE DRILLED HOLES ARE NOT ACCEPTABLE MEANS OF FABRICATION UNLESS OTHERWISE NOTED. 				WORKABLE GA			0 11/1154 MODIFICATION DRAWINGS DS		
METHODS. SHOULD THE CONTRACTOR REQUIRE DIRECT CONSULTATION, NB+C ENGINEERING SERVICES, LLC. IS WILLING TO OFFER SERVICES BASED	SUBSTITUTES AND/OR EQUALS:				WORNABLE OF	NGE3		REV DATE DESCRIPTION BY		
UPON AN AGREED FEE FOR THE WORK REQUIRED. 3. ALL SUBMITTAL INFORMATION MUST BE SENT TO PMI INSPECTOR. ANY	 IF CONTRACTOR WISHES TO FURNISH OR USE A SUBSTITUTE ITEM OF MATERIAL OR EQUIPMENT, CONTRACTOR SHALL FIRST MAKE WRITTEN APPLICATION TO ENGNEER OF RECORD FOR ACCEPTANCE THEREOF, CERTIFYING THAT THE PROPOSED SUBSTITUTE WILL 		BOLT	ANG	LE SIZE GAGE					
VARIATION OF THESE SPECIFICATIONS OR DRAWINGS WITHOUT CONSENT FROM NB+C ENGINEERING SERVICES, LLC, WILL VOID ANY RESPONSIBILITY OR	PERFORM ADEQUATELY THE FUNCTIONS AND ACHIEVE THE RESULTS CALLED FOR BY THE GENERAL DESIGN. BE SIM LAR IN SUBSTANCE TO THAT SPECIFIED AND SUITED TO THE SAME	-				GAGE		STADO REGIS		
LIABILITY FOR DAMAGE (MATERIAL OR PHYSICAL) TOWARDS NB+C ENGINEERING SERVICES, LLC.	USE AS THAT SPECIFIED. ALL VARIATIONS OF THE PROPOSED SUBSTITUTE FROM THAT SPECIFIED WILL BE IDENTIFIED IN THE APPLICATION AND AWALABLE MAINTENANCE, REPAIR AND REPLACEMENT SERVICE WILL BE INDICATED. THE APPLICATION WILL ALSO CONTAIN AN		FLAT WASH		3/4" 1'		٩W	STARAN KOLING		
 ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE ASSP A10.46 AND ANSI/TIA-322 STANDARDS. 	ITEMZED ESTIMATE OF ALL COSTS OR CREDITS THAT WILL RESULT DIRECTLY OR INDIRECTLY FROM ACCEPTANCE OF SUCH SUBSTITUTE INCLUDING COSTS OF REDESIGN AND		LOCK WAS	IER	2" 1 1/8"		MLST	§ 0047419		
IOB SITE SAFETY & NOTES:	CLAIMS OF OTHER CONTRACTORS AFFECTED BY THE RESULTING CHANGE, ALL OF WHICH WILL BE CONSIDERED BY ENGINEER OF RECORD IN EVALUATION OF THE PROPOSE SUBSTITUTE. ENGINEER OF RECORD MAY REQUIRE CONTRACTOR TO FURNISH ADDITIONAL		NUT		z 1/2' 1 3/8'		10 SS	EXP 10/31/29		
 NEITHER THE PROFESSIONAL ACTIVITIES OF NB+C ENGINEERING SERVICES, LLC. NOR THE PRESENCE OF NB+C ENGINEERING SERVICES, LLC. OR 	DATA ABOUT THE PROPOSED SUBSTITUTE.				3* 1 3/4*	U	ROF	X90 PI	_	
RELIEVE THE GENERAL CONTRACTOR AND OR SUBCONTRACTORS AND ANY OTHER ENTITY OF THEIR OR KORTONS OF THES AND RESPONSIBILITIES	FELD HOT WORK PLAN NOTES: 1. ALL CONTRACTORS RESPONSIBILITY TO COMPLETE A HOT WORK PLAN IF AWARDED PER				3 1/2" 2"		~	Con Car		
INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING.	CUSTOMER SPECIFICATIONS GUIDELINES FOR WELDING, CUTTING & SPARK PRODUCING WORK.				4* 2 1/2*		μ	- Vamaria		
SUPERINTENDING OR COORDINATING ALL PORTIONS OF THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY	 HAVE A FIRE PLAN APPROVED BY THE CUSTOMER AND THEIR SAFETY MANAGEMENT DEPARTMENT. 			WORKABLE	CORING		×	KRUPAKARAN KOLANDAMELU, P.E.		
AGENCIES. THE GENERAL CONTRACTOR AND OR SUBCONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SAFETY, AND WARRANTS THAT THIS INTENT IS EVIDENT	3. CONTRACTOR MUST OBTAIN THE CONTACT INFO OF THE LOCAL FIRE DEPARTMENT AND THE						GNEE	COMMONWEALTH OF COLORADO PROFESSIONAL ENGINEER		
BY ACCEPTING THIS WORK. COLD GALVANIZATIONSURFACE PREPARATION NOTES:	911 ADDRESS OF THE TOWER SITE BEFORE CONSTRUCTION. 4. CONTRACTOR SHALL MAKE SURE THAT CELL PHONE COVERAGE IS AVAILABLE IN THE TOWER		1.5 X L (MAX)	LIMIT OF ALLOWABLE PORTION OF ANGLE	WITHOUT		6	LICENSE 80047419		
1. CONTRACTOR TO USE ZINC KOTE COLD GALVANIZATION COMPOUND.	SITE IF CELL COVERAGE IS NOT AVAILABLE, AN INMEDIATE AVAILABLE MEANS OF DIRECT COMMUNICATION WITH THE FIRE DEPARTMENT SHALL BE DETERMINED PRIOR TO CONSTRUCTION START.	1.1.1		ENGINEER'S PRIOR V		17	F			
 PREPARE RUSTED/CORRODED SURFACE FOR TREATMENT ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. 	CONSTRUCTION SHALL BE PERFORMED UNDER WIND SPEED LESS THAN 10 MPH ON THE GROUND LEVEL. IF WIND SPEED INCREASES, CONTRACTOR MUST DETERMINE IF				1/4	7-1	щ			
 CONTRACTOR TO APPLY AT LEAST (2) COATS OF COLD GALVANIZATION COMPOUND PER PER ASTM A 760 AND MANUFACTURERS RECOMMENSATION. 	GROUND LEVEL. IF WIND SPEED INCREASES, CONTRACTOR MUST DETERMINE IF CONSTRUCTION SHALL BE DISCONTINUED.		,-				Ē	GENERAL		
DRYING AND CURING TIMES MUST BE UTILIZED PER MANUFACTURER'S RECOMMENDATION.	6. FIRE SUPPRESSION EQUIPMENT MUST BE MADE AVAILABLE ON SITE AND READY TO USE.	NOTES:					몽	NOTES		
 APPLY ALL COATINGS BY BRUSH IN CALM WIND CONDITIONS. 	CONTRACTOR SHALL ASSIGN A FIRE WATCHER TO PERFORM FIRE-FIGHTING DUTIES. ALL WELDERS SHALL BE AWS OR STATE CERTIFIED. THEY MUST ALSO BE EXPERIENCED IN	1. ALL DIMENSIC SHALL VERIFY THOSE PROVI	ONS REPRESENTED IN THIS Y EXISTING CONDITIONS IN DED	SHEET ARE AISC MIN FIELD AND NOTIFY EN	MUM REQUIREMENTS: CONTRACTOR GINEER IF DISTANCES ARE LESS THAN		Ш			
 IF THE TOWER IS PAINTED, BRUSH PAINT ALL TREATED AREAS TO MATCH TOWER AFTER COLD GALVANIZATION CONPOLIND IS ALLOWED TO CURE. 	WELDING ON GALVANIZED MATERIALS.				TUAL DIMENSIONS OF PROPOSES		6			NOTE:
	 IF IT IS POSSIBLE, ALL EXISTING COAX NEAR WELDING AREA SHALL BE TEMPORARILY MOVED AWAY FROM THE WELDING AREA BEFORE WELDING. 	3. SHORT SLOT	HOLES SHALL ONLY BE US	ED WHEN DEPICTED IN	THE DRAWINGS.		NUMB	SGN-1		INSTALL SHALL NOT CAUSE HARM STRUCTURE, CLMBING FACILITY, ANY SYSTEM INSTALLED ON THE
	10. PLEASE REPORT ANY FIELD ISSUE TO NB+C @ 267-460-0122	 MATCH EXIST 	ING GAGES WHEN APPLICA	BLE, UNLESS MINIMUN	EDGE DISTANCE ARE COMPROMISED		Б.	JUN-I		LALL ALTER INSTALLED ON THE

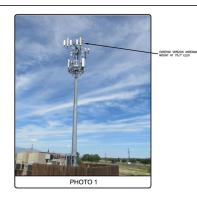
SAFETY CLIMB LOCATION - TOP VIEW	

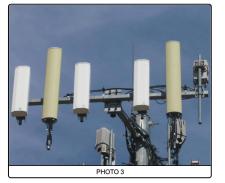


			QUANTITY QUANTITY PART COUNTED PROVIDED NUMBER
		BLLE BELL, PA 19422 (207) 460-0152	MATE
MOUNT MODIFICATION DR			8 8 VZWSMART-MSK1 CR
PROPOSED CARRIER: VERIZON	AVIINGS		4 4 P40-238X120 PIPE 2 SCH40 (2
TOWER OWNER: AMERICAN TOWER CORPOR TOWER OWNER SITE # : 411241 CARRIER SITE NAME: PPIR	ATION	STITE NAME: PPIR MDG ID: 50026902 915 - JOB NO: 10622 18650/HD NDFESSICH RD FOUNTAIN, CO 80817 REVISIONS	FOLLOWING IT
CARDIER LOCATION ID. FRANCISCO		8	
CARRIER LOCATION ID: 5000268092		USA REC	
COORDINATES (LATITUDE: 38.577286°, LONGITUDE	-104.6633°)		
	,	0 11/194 MODIFICATION DIVENINGS DS REV DATE DESCRIPTION BY	
FUZE ID # : 16583205			
		ans 10000000	
	DRAWING INDEX	ONAL TASE	
	ST-1 TITLE SHEET SBOM BILL OF MATERIALS		
CONTRACTOR PMI REQUIREMENTS	SIGNA BILL OF MALERALS SGN-1 GENERAL NOTES	KRUPAKARAN KOLANDAIVELU, P.E. COMMONWEALTH OF COLORADO PROFESSIONAL ENGINEER UCENSE #0047419	
	SCF-1 CLIMBING FACILITY DETAILS SS-1 ANTENNA MOUNT MODIFICATION DETAILS	LICENSE #0047419	
WHOT TOOL, VIENDORF PROJECT MAREER 1000014 OL OCATHOLIE 60002680/2 D1 TWOOLAVUTS(IN EEPORT PROJECT MAREER: 10000 D2FT DOLTAVUTS(IN EEPORT PROJECT MAREER: 10000	SS-1 ANTERNA NOUNT INCURE. I ION DE TALS SS-2 ANTENNA MOUNT PHOTOS - SPECIFICATION SHEETS		PerfectVision SitePro1 CONTACT: Wreises Salas winitesselat@perfect-ition.com CONTACT: Paula Boswell publa.boswell@vetmont.com
*** PMI AND REQUIREMENTS EMBEDDED IN MOUNT ANN, YSIS REPORT		8	PHONE: 844.887.6723 PHONE: 972.236.9843
VZW APPROVED SMART KIT VENDORS		ST-1	WEBSITE: www.silepro1.com WEBSITE: www.silepro1.com
			THE MANUFACTURERS LISTED ARE THE ONLY APPROVED VENDORS FOR

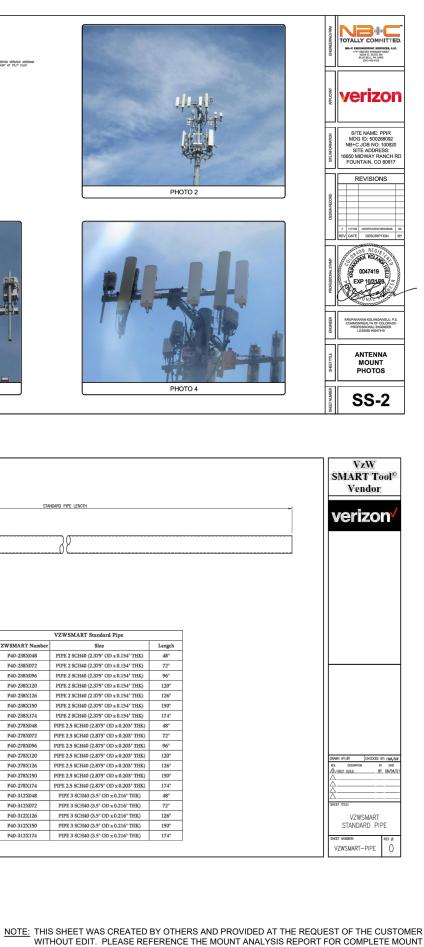
				BILL OF MA	TERIALS				
QUANTITY COUNTED	QUANTITY PROVIDED	PART NUMBER	DESCRIPTIO	N	SHEET LIST		PIECE WEIGHT (LBS)	WEIGHT (LBS)	NOTES
			MATERIAL & HARD	DWARE					
8	8	VZWSMART-MS	K1 CROSSOVER PL	ATE	SS-1, VZWSMAR	RT-MSK1	14.0	112.0	GALVANIZED
4	4	P40-238X120	PIPE 2 SCH40 (2.375" OD x 0.	154" THK) x 10'-0"	SS-1, VZWSMA	RT-PIPE	36.6	146.4	GALVANIZED
			FOLLOWING ITEMS ARE "C	USTOM" PARTS					
					1				
									-
						TOTAL WE	EIGHT (LBS) =	258.4	
			VZW MOI	JNT MODIFICATION	KITS - APPRO		NDORS		
	De de altreire	T					CommScor		Sabre Industrie
	PerfectVision SitePro1		Metrosite Fabricators, LLC						
ONTACT: Wireless wireless	Sales ales@perfect-vision.cc	Vision.com CONTACT: Paula Boowell CONTACT: Kent Ramey CONTACT: Salvador Anguiano Salvador Anguiano Salvador Anguiano Salvador Anguiano Contractor Salvador Anguia		e.com	CONTACT: Angle Welch akwelch@sabreindustries.com				
HONE: 844.887.	1723	Р	HONE: 972.236.9843	PHONE: (0) 706.335.7045 (M) 706.982.9788	(O) 708.335.7045		7.304.7492		PHONE: 866.428.6937
VEBSITE: www.per	iect-vision.com	v	VEBSITE: www.sitepro1.com	WEBSITE: metrositefabricators.com		WEBSITE: ww	w.commscope.com		WEBSITE: www.sabresitesolutions.com
	THE MAN	FACTURERS LISTED AR	E THE ONLY APPROVED VENDORS FOR THE VZW MOUNT	TTS. EACH MANUFACTURER WILL BE	AWARE OF WHICH KITS H	VE BEEN THRO	UGH THE VZW APPROVA	L PROCESS AND THEY ARE	IN TURN APPROVED TO SELL PLEASE
	THAT THE	MATERIAL UTILIZED ON	THE MOUNT MODIFICATIONS WILL BE REVIEWED AS PART	OF THE DESKTOP PMI COMPLETED	BY THE SMART TOOL VEND	KORL IT WILL BE F	REQUIRED THAT THE VZV	I KITS SPECIFIED ARE UTIL	IZED IN THE MODIFICATION.

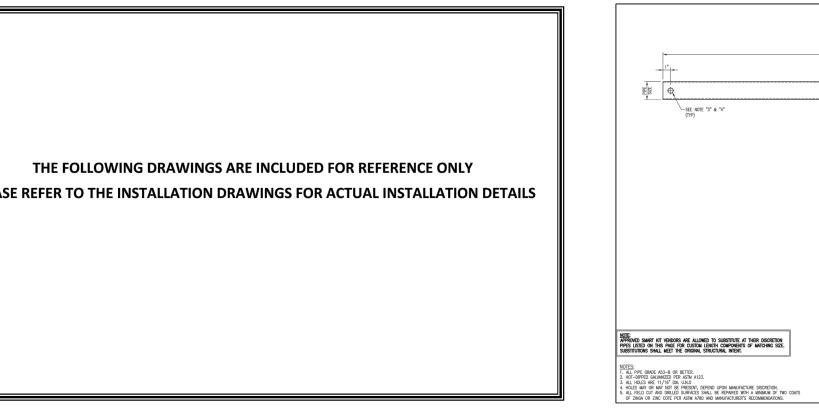






VZWSMART Numbe





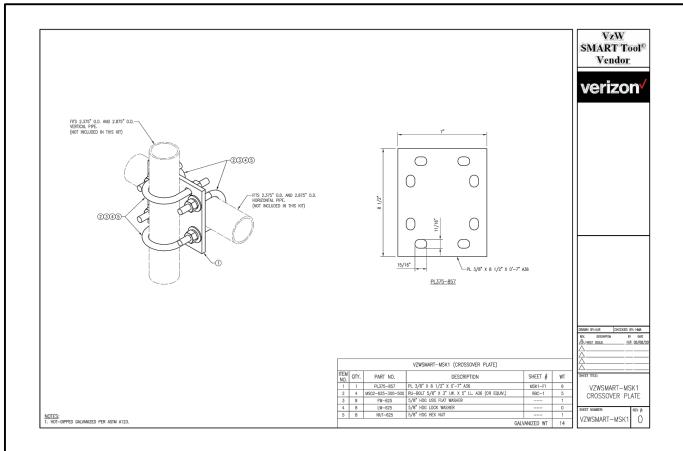
ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONTRUCTION.

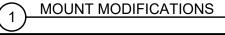


PLEASE REFER TO THE INSTALLATION DRAWINGS FOR ACTUAL INSTALLATION DETAILS



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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 CONTRUCTION.



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SUPPLEMENTAL