



**VB SITE NAME:** CR 252 BARWICK  
**VB SITE NUMBER:** US-FL-5401  
**MDG #:** 5000080338  
**SITE NAME:** CR252 BARWICK - G  
**STRUCTURE TYPE:** 150' MONOPOLE TOWER  
**MARKET:** JACKSONVILLE  
**PROJECT TYPE:** 5G L-SUB6 - CARRIER ADD

PREPARED BY

**CBVR**  
 TELECOM DESIGN GROUP  
 6505 N HIMES AVE  
 TAMPA, FLORIDA 33614  
 (813) 353-0026  
 FL CA # 31014

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PROFESSIONAL SEAL

10/29/2025

PREPARED FOR

7701 E TELECOM PKWY  
 TEMPLE TERRACE, FL 33637

PROJECT INFORMATION

5000080338  
**CR252 BARWICK - G**  
 330 SW BARWICK TERRACE  
 LAKE CITY, FL 32024  
 CBVR PROJECT #: VZW.301.25

ISSUED DATES	
0	FOR PERMIT/ CONSTRUCTION 10.29.25

SHEET NAME

**TITLE SHEET**

SHEET NUMBER

**T-1**

LOCATION SKETCH	CONTACT INFORMATION	SCOPE OF WORK	LIST OF DRAWINGS
	<b>APPLICANT:</b> VERIZON WIRELESS 7701 E TELECOM PKWY TEMPLE TERRACE, FL 33637  <b>TOWER OWNER:</b> VERTICAL BRIDGE DEVELOPMENT 750 PARK OF COMMERCE DRIVE BOCA RATON, FL 33487 SITE NAME: CR 252 BARWICK SITE NUMBER: US-FL-5401	<b>ARCHITECT/ ENGINEER:</b> CBVR/ MARIA V. MARTIN, PE 6505 N HIMES AVE TAMPA, FL 33614  <b>SCOPE OF WORK</b> THE SCOPE OF WORK CONSISTS OF MODIFYING COMMUNICATIONS INSTALLATION ON AN EXISTING TOWER:  <b>OUTDOOR CABINETS:</b> <ul style="list-style-type: none"> <li>REMOVE 7705 ROUTER IN EXISTING EQUIPMENT CABINET</li> <li>INSTALL BBUS, ROUTER, UPCONVERTER, AND GPS EQUIPMENT IN THE EXISTING EQUIPMENT CABINET.</li> <li>RETAIN (1) AIO EQUIPMENT CABINET</li> <li>RETAIN AT LEAST (4) 75A RECTIFIERS</li> <li>RETAIN (1) CHARLES CUBE FIBER CABINET</li> <li>RETAIN (1) 200AMP ILC</li> <li>RETAIN (1) EQUIPMENT CABINET WITH DISH EQUIPMENT INSIDE</li> <li>RETAIN (2) OVP-12 (6627)</li> <li>RETAIN (8) HT200ET BATTERIES INSIDE AIO (EXP 05/2028)</li> <li>RETAIN (1) 31KW DIESEL GENERATOR W/ 203GALLON TANK</li> </ul> <b>TOWER RAD:</b> <ul style="list-style-type: none"> <li>REMOVE (6) COMMSCOPE NHH-65C-R2B ANTENNAS.</li> <li>REMOVE (3) RRU 4449'S</li> <li>REMOVE (6) RRU 8843'S</li> <li>INSTALL (3) AIR3283 ANTENNAS.</li> <li>INSTALL (3) AIR6419 ANTENNAS</li> <li>INSTALL (3) RRU 4490'S</li> <li>INSTALL (3) COMMSCOPE NN-65C-HG-R2BD ANTENNAS</li> <li>RETAIN (2) OVP-12'S (6627).</li> <li>RETAIN (2) 12/24 HYBRID CABLES.</li> </ul>	<b>LIST OF DRAWINGS</b> <b>SITE GENERAL ARRANGEMENT PLANS</b> T-1 TITLE SHEET  <b>ARCHITECTURAL/ CIVIL PLANS</b> C-1 OVERALL SITE PLAN C-1.1 COMPOUND PLAN C-2 EQUIPMENT AREA PLAN C-3 TOWER ELEVATION & ANTENNA MOUNT DETAILS C-4 EQUIPMENT DETAILS AND PROPOSED ANTENNA & CABLE SCHEDULE  <b>ELECTRICAL PLANS</b> E-1 GROUNDING DETAILS
	<b>SITE DIRECTIONS</b> <b>From I-10 &amp; I-95 (Jacksonville):</b> <ol style="list-style-type: none"> <li>Head west (go 0.2 mi)</li> <li>Continue onto I-10 W (go 2.4 mi)</li> <li>Keep left to stay on I-10 W (go 35.0 mi)</li> <li>Take exit 324 toward Olustee (go 0.3 mi)</li> <li>Turn left onto US-90 W (go 18.6 mi)</li> <li>Continue straight onto US-90 W/E Duval St (go 5.9 mi)</li> <li>Turn left onto Co Rd 252B (go 276 ft)</li> <li>Turn right onto SW Deputy J Davis Ln (go 0.9 mi)</li> <li>Turn left onto Pinemount Rd (go 1.9 mi)</li> <li>Turn left onto SW Barwick Ter (go 0.3 mi)</li> <li>Destination will be on the right</li> </ol>		<b>SITE INFORMATION</b>  <b>PARCEL ID #:</b> 08-4S-16-02816-032 <b>JURISDICTION:</b> COLUMBIA COUNTY <b>COUNTY:</b> COLUMBIA <b>LATITUDE:</b> 30° 09' 31.03" NORTH (NAD 83) - 30.158619° N <b>LONGITUDE:</b> 82° 44' 28.80" WEST (NAD 83) - 82.741333° W <b>FAA OVERALL HEIGHT:</b> 160'
<b>APPLICABLE CODES</b> <ul style="list-style-type: none"> <li>FLORIDA BUILDING CODE 2023 (8th EDITION)               <ul style="list-style-type: none"> <li>WIND DESIGN CRITERIA                   <ul style="list-style-type: none"> <li>A. ASCE 7-22                       <ul style="list-style-type: none"> <li>BASIC WIND SPEED = 119 MPH</li> <li>RISK CATEGORY = II</li> <li>EXPOSURE = C</li> </ul> </li> <li>B. ANSI/ TIA-222-H                       <ul style="list-style-type: none"> <li>STRUCTURE CLASS = II</li> <li>TOPOGRAPHIC CATEGORY = 1</li> </ul> </li> </ul> </li> <li>FLORIDA FIRE PREVENTION CODE - 2023 (8TH EDITION)</li> <li>NATIONAL ELECTRIC CODE (2020)</li> <li>CITY AND OR COUNTY ORDINANCES</li> </ul> </li></ul>			



- NOTES:**
- ALL DRAWINGS HAVE BEEN PREPARED WITHOUT THE AID OF A TITLE
  - ALL DIMENSIONS, PROPERTY LINES, AND RIGHT OF WAYS ARE APPROXIMATE BASED UPON AVAILABLE ONLINE RESOURCES
  - SET BACK DIMENSIONS ARE FROM EDGE OF TOWER & PERPENDICULAR TO R.O.W./ PROPERTY LINES
  - CONTRACTOR SHALL RESTORE AND REPAIR ANY DAMAGED AREAS CAUSED BY CONSTRUCTION TO ORIGINAL OR BETTER CONDITION
  - ALL NEW WORK TO BE PERFORMED PER LATEST VERIZON WIRELESS STANDARDS & SPECIFICATIONS



**OVERALL SITE PLAN**

GRAPHIC SCALE

0' 30' 60'



(SCALE IN FEET)  
11x17 SCALE: 1"=60'

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10/29/2025

PREPARED FOR

7701 E TELECOM PKWY  
 TEMPLE TERRACE, FL 33637

PROJECT INFORMATION

5000080338  
 CR252 BARWICK - G  
 330 SW BARWICK TERRACE  
 LAKE CITY, FL 32024  
 CBVR PROJECT #: VZW.301.25

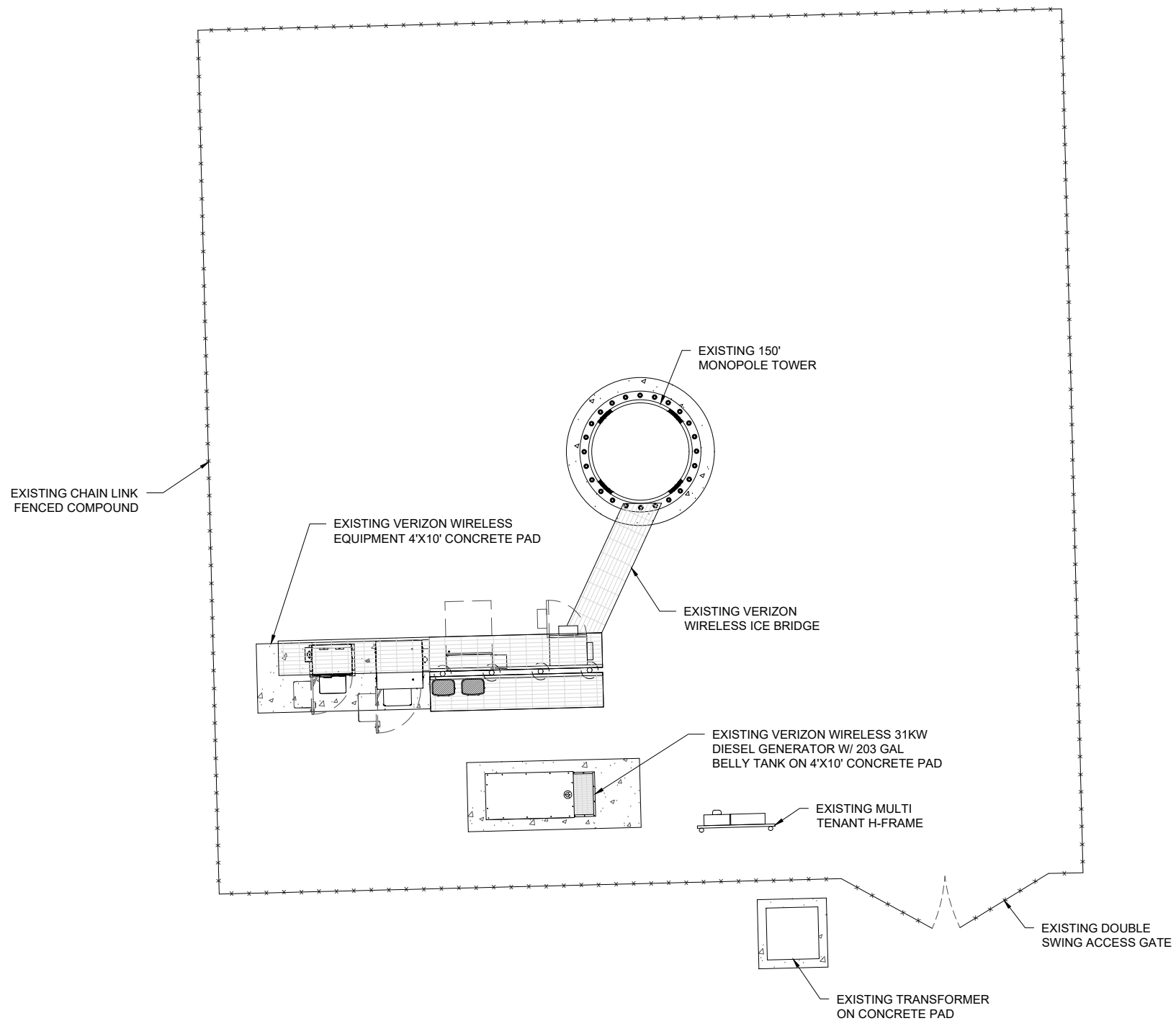
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SHEET NAME

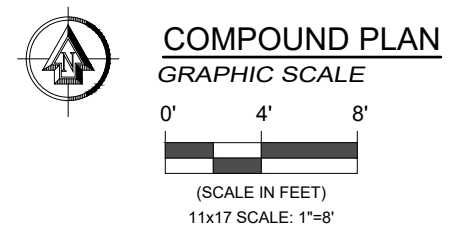
**OVERALL SITE PLAN**

SHEET NUMBER

**C-1**



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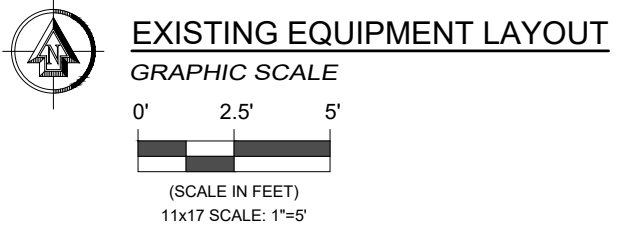
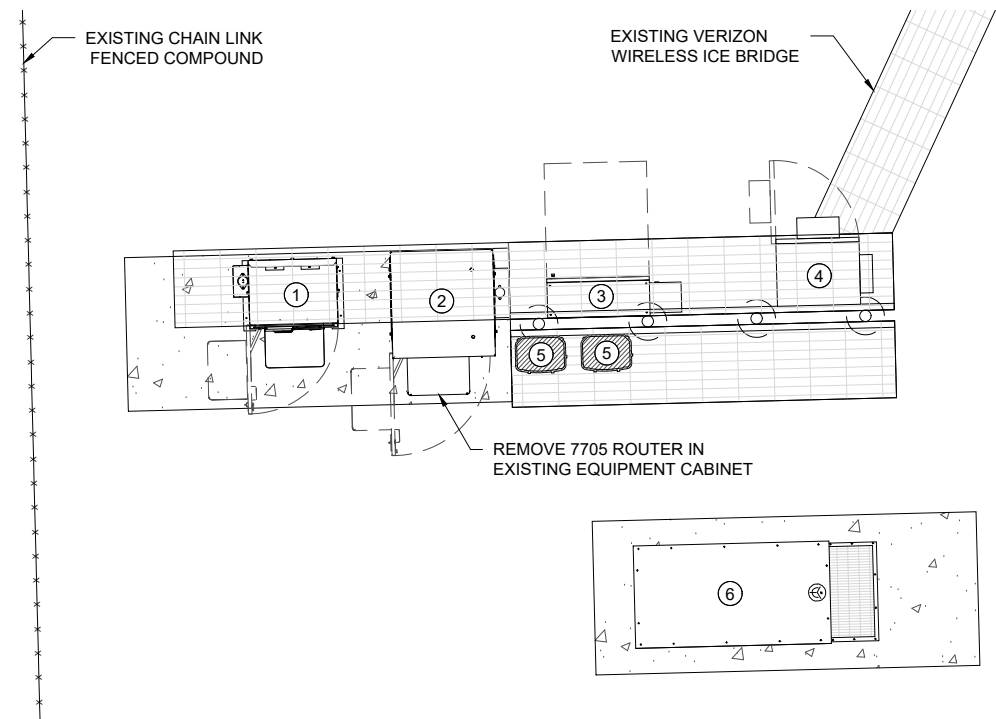
SHEET NAME

**COMPOUND PLAN**

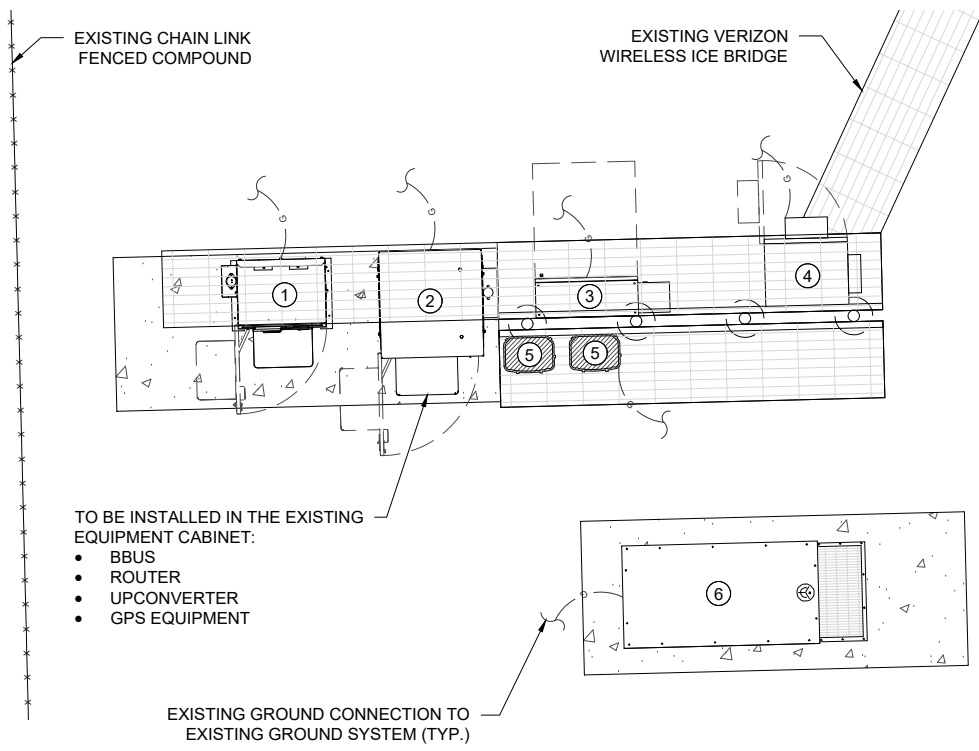
SHEET NUMBER

**C-1.1**

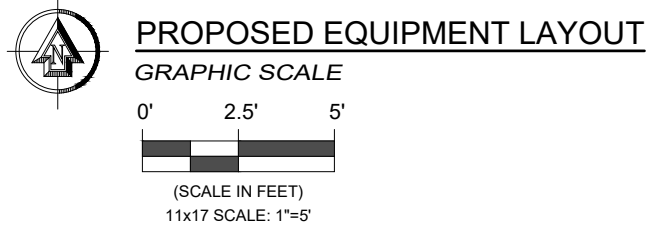
**NOTE:**  
ALL EXISTING AND PROPOSED EQUIPMENT CONFIGURATIONS SHALL BE FIELD VERIFIED AND CONFIRMED BY GC WITH THE VERIZON WIRELESS CONSTRUCTION MANAGER.



- LEGEND**
- ① EQUIPMENT CABINET WITH DISH EQUIPMENT
  - ② AIO EQUIPMENT CABINET
  - ③ 200A ILC
  - ④ CHARLES CUBE FIBER CABINET
  - ⑤ OVP-12
  - ⑥ 31KW DIESEL GENERATOR W/ 203 GAL BELLY TANK



- TO BE INSTALLED IN THE EXISTING EQUIPMENT CABINET:
- BBUS
  - ROUTER
  - UPCONVERTER
  - GPS EQUIPMENT



- LEGEND**
- ① EQUIPMENT CABINET WITH DISH EQUIPMENT
  - ② AIO EQUIPMENT CABINET
  - ③ 200A ILC
  - ④ CHARLES CUBE FIBER CABINET
  - ⑤ OVP-12
  - ⑥ 31KW DIESEL GENERATOR W/ 203 GAL BELLY TANK

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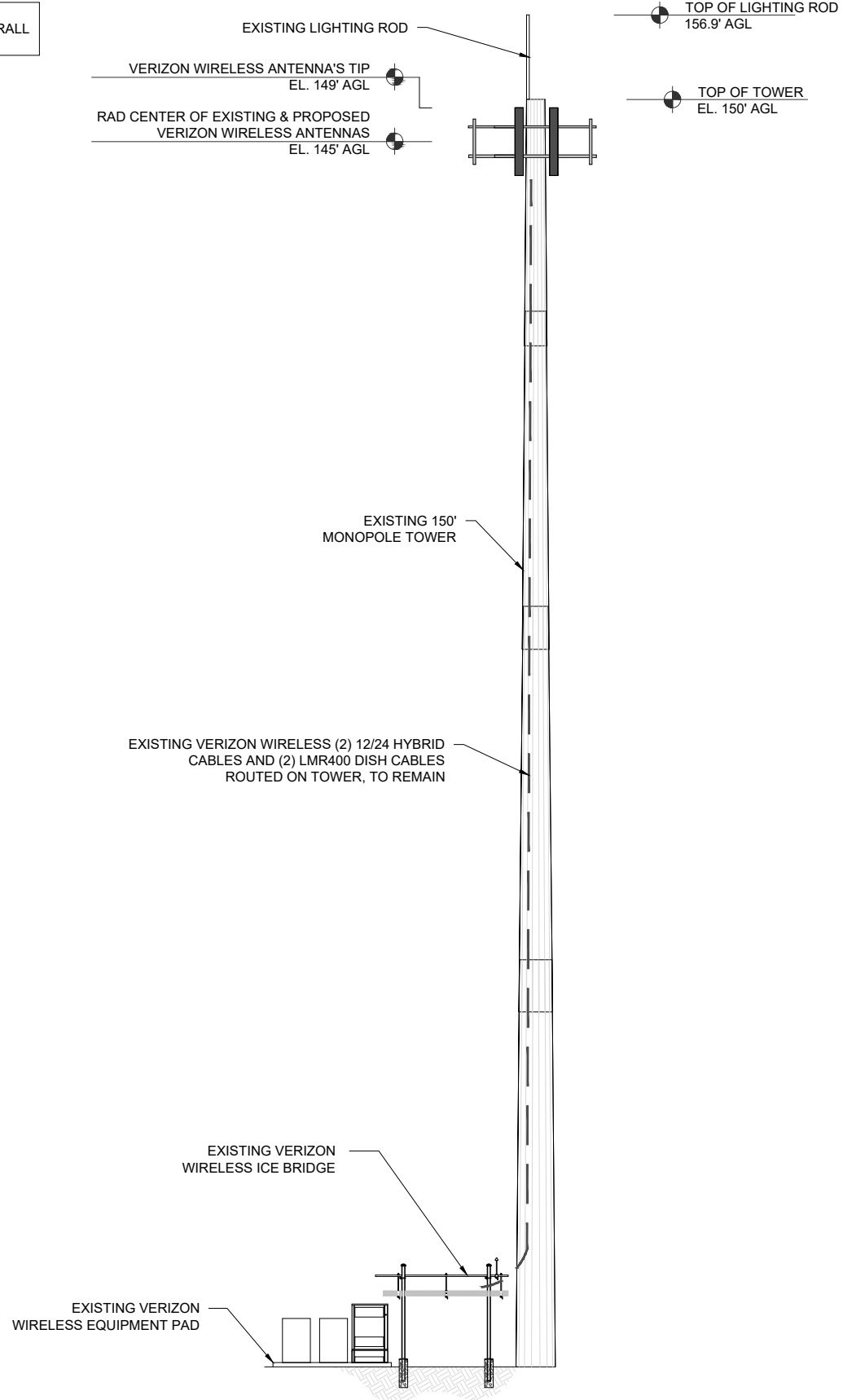
SHEET NAME

**EQUIPMENT AREA PLAN**

SHEET NUMBER

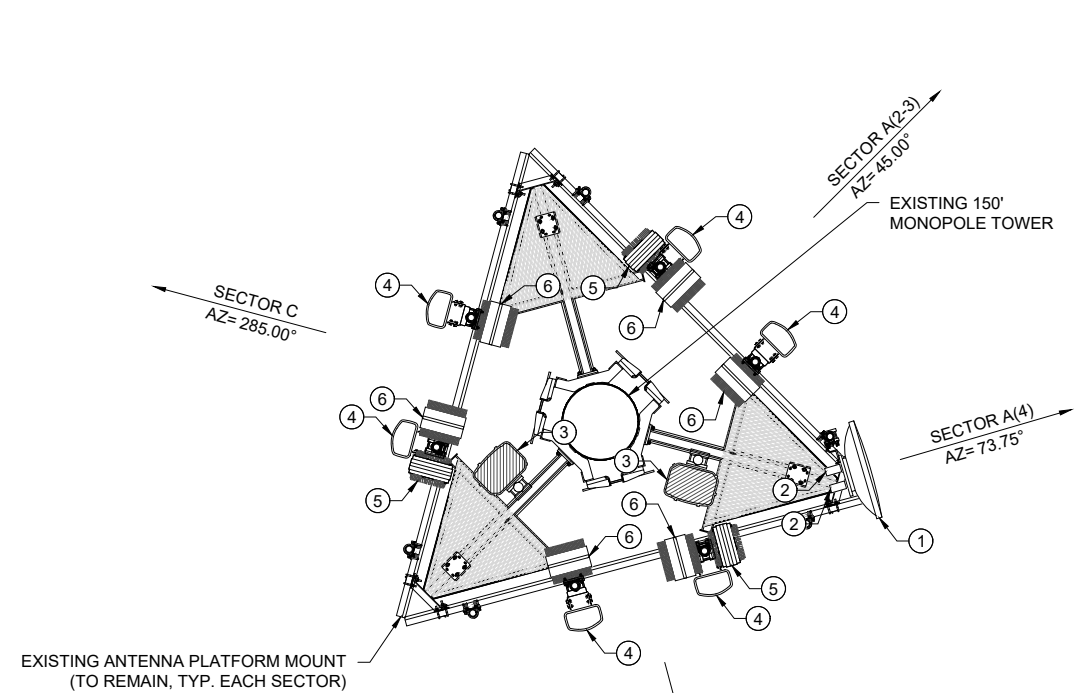
**C-2**

FAA NOTE:  
FAA APPROVED OVERALL  
HEIGHT = 160' AGL



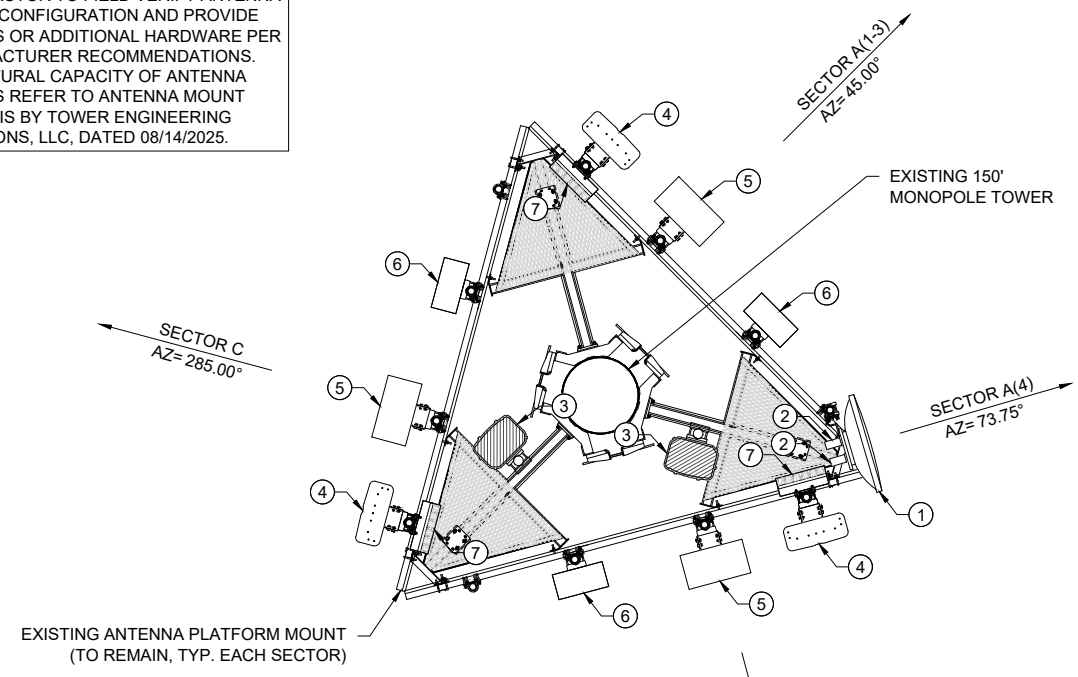
**TOWER ELEVATION**  
NOT TO SCALE

- NOTES:**
- CONTRACTOR TO FIELD VERIFY ANTENNA MOUNT CONFIGURATION AND PROVIDE MOUNTS OR ADDITIONAL HARDWARE IF REQUIRED TO SUPPORT PROPOSED EQUIPMENT.
  - ALL EQUIPMENT AND MOUNTING HARDWARE SHALL CONFORM TO DESIGN REQUIREMENTS PER FLORIDA BUILDING CODE (8TH EDITION, 2023) AND ANSI/TIA-222-H STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS: BASIC WIND SPEED 119 MPH, 3 SECOND GUST.
  - AZIMUTH INFO TAKEN FROM VERIZON WIRELESS RF SITE DESIGN DATA. TOWER AND ANTENNAS HEIGHTS TAKEN FROM RECENT TOWER SURVEY DATA.
  - REFERENCE STRUCTURAL ANALYSIS REPORT BY DELTA OAKS GROUP, DATED 09/17/2025.



- LEGEND**
- ① VHLPX3-11W DISH ANTENNA
  - ② ODU
  - ③ OVP-12
  - ④ NHH-65C-R2B ANTENNA (TO BE REMOVED)
  - ⑤ RRU 4449 (TO BE REMOVED)
  - ⑥ RRU 8843 (TO BE REMOVED)

**NOTE:**  
CONTRACTOR TO FIELD VERIFY ANTENNA MOUNT CONFIGURATION AND PROVIDE MOUNTS OR ADDITIONAL HARDWARE PER MANUFACTURER RECOMMENDATIONS. STRUCTURAL CAPACITY OF ANTENNA MOUNTS REFER TO ANTENNA MOUNT ANALYSIS BY TOWER ENGINEERING SOLUTIONS, LLC, DATED 08/14/2025.



- LEGEND**
- ① VHLPX3-11W DISH ANTENNA
  - ② ODU
  - ③ OVP-12
  - ④ PROPOSED NN-65C-HG-R2BD ANTENNA
  - ⑤ PROPOSED AIR 3283 ANTENNA
  - ⑥ PROPOSED AIR 6419 ANTENNA
  - ⑦ PROPOSED RRU 4490

**EXISTING ANTENNA MOUNT DETAIL**  
NOT TO SCALE

**PROPOSED ANTENNA MOUNT DETAIL**  
NOT TO SCALE

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**TOWER ELEVATION & ANTENNA MOUNT DETAILS**

SHEET NUMBER

**C-3**

# AIR3283 B25+B66 dual band

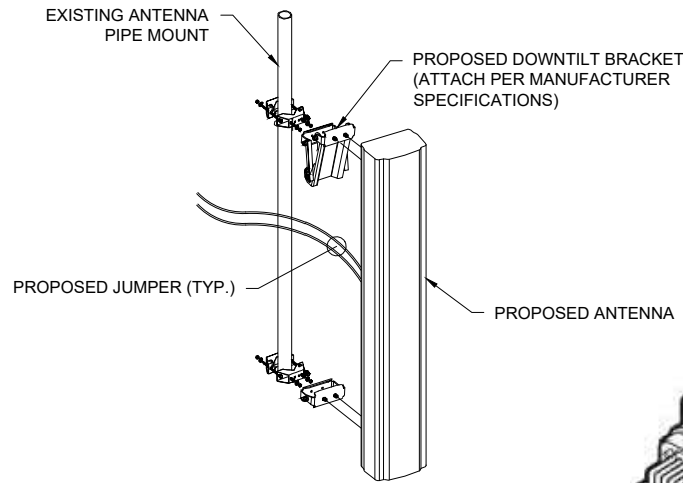
Pending Commercial Agreement

- 32 TX/RX B25+B66 dual band
- LTE and NR support
- 320 W total shared RF output power (max 240W/Band)
- Full band IBW, TCBW 100 MHz shared between bands
  - Max 60 MHz CBW/Band
- Max 3 carriers/Band
- 8 column x 2 rows antenna, 192 antenna elements
- RET 2-12° downtilt
- Interface: 2 x 25Gb eCPRI

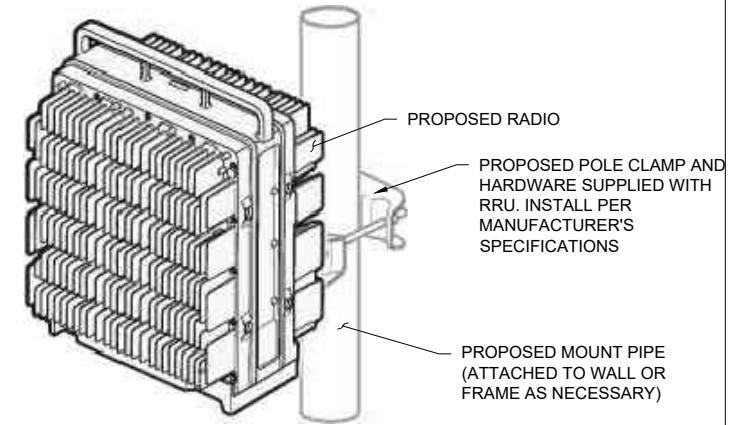
AIR3283- B25 & B66	Height	Width	Depth	Weight
w/ protruding items	47.2 In (1200 mm)	20 In (508 mm)	10.9 In (277 mm)	<110 lbs (50 Kg)
w/ protruding items	47.2 In (1200 mm)	20 In (508 mm)	12.9 In (328 mm)	

- -48v DC, 3 wire or 2 wire, 50A fuse
- Max Power consumption @100 Load: TBD W
- Power Consumption @ 50% load: TBD W

Now confirmed max measurements/ will not exceed



ANTENNA MOUNT DETAIL  
NOT TO SCALE



RADIO PIPE MOUNT DETAIL

## AIR 3283 ANTENNA SPECIFICATIONS

# AIR 6419 B77D/ C-Band

Pending Commercial Agreements

- 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
w/ protruding items	28.3 In (717 mm)	16.1 In (408 mm)	8.0 In (202 mm)	71 lbs (32 Kg)
w/ protruding items	31.3 In (793 mm)	16.1 In (408 mm)	9.8 In (248 mm)	

- -48 VDC (5-wire or 2-wire), Fuse Minimum 40 A, maximum 50 A
- Power consumption: TBD
- -40 to +55°C



max measurements/ will not exceed

## AIR 6419 ANTENNA SPECIFICATIONS

# Radio 4490HP 44B5 44B13 C

Pending Commercial Agreements

- 4 common RF ports (C)
- B5: 4x60W, B13: 4x60W
- 480W total RF output power
- L, NR, NB-IoT
- 2x 2.5/4.9/9.8/10.1/24.3 Gbps CPRI/eCPRI

Radio 4490HP 44B5 44B13 C	Height	Width	Depth	Weight
w/ protruding items	17.5 In (444 mm)	15.2 In (384 mm)	6.8 In (172 mm)	~68.4 lbs (~31 kg)
w/ protruding items	20.6 In (522 mm)	15.7 In (397 mm)	7.0 In (178 mm)	

- -48 VDC 2-wire (one DC connector input)
- 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

B5 B13: 4 ports  
Common antenna  
Common tilt

Now confirmed  
max measurements/ will not exceed



## RRU4490 DETAIL

PROPOSED ANTENNA & CABLE SCHEDULE											
SECTOR	POS.	USE	MANUFACTURER (MODEL #)	RAD CENTER	CABLE SIZE	AZIMUTH (TN)	CABLE LENGTH	MECH. D-TILT	ELEC. D-TILT	EQUIPMENT (MODEL #)	OVP-BOX (TOWER)
ALPHA	1	700 LTE 850 LTE 850 5G 1900 LTE AWS LTE AWS3 5G L-Sub6 5G	COMMSCOPE (NN-65C-HG-R2BD)	145°	(2) 12/24 HYBRID CABLES  (2) LMR400 DISH CABLES	45°	N/A	*	*	(1) ERICSSON RRU (RRU 4490)	(2) RAYCAP OVP'S (OVP-12)
	2		ERICSSON (AIR 3283)					*	*		
	3		ERICSSON (AIR 6419)					*	*		
	4		COMMSCOPE (VHLPX3-11W)					*	*		
BETA	1	700 LTE 850 LTE 850 5G 1900 LTE AWS LTE AWS3 5G L-Sub6 5G	COMMSCOPE (NN-65C-HG-R2BD)	145°	(2) 12/24 HYBRID CABLES  (2) LMR400 DISH CABLES	165°	N/A	*	*	(1) ERICSSON RRU (RRU 4490)	(2) RAYCAP OVP'S (OVP-12)
	2		ERICSSON (AIR 3283)					*	*		
	3		ERICSSON (AIR 6419)					*	*		
	4							*	*		
GAMMA	1	700 LTE 850 LTE 850 5G 1900 LTE AWS LTE AWS3 5G L-Sub6 5G	COMMSCOPE (NN-65C-HG-R2BD)	145°	(2) 12/24 HYBRID CABLES  (2) LMR400 DISH CABLES	285°	N/A	*	*	(1) ERICSSON RRU (RRU 4490)	(2) RAYCAP OVP'S (OVP-12)
	2		ERICSSON (AIR 3283)					*	*		
	3		ERICSSON (AIR 6419)					*	*		
	4							*	*		

PROPOSED EQUIPMENT IN BOLD  
\* REFER TO RFDS

### NOTES:

1. VERIZON WIRELESS CURRENTLY HAS (2) 12/24 HYBRID CABLES INSTALLED, TO REMAIN.
2. REQUEST CURRENT RFDS BEFORE INSTALLATION.
3. ALL VERIZON WIRELESS ANTENNA AND CABLE DATA BASED ON ASSUMED ANTENNA HEIGHT, CONTRACTOR SHALL VERIFY PROPOSED ANTENNA HEIGHT PRIOR TO INITIATION OF CONSTRUCTION ACTIVITIES, INCLUDING, BUT NOT LIMITED TO, ORDERING OF ANY ANTENNA OR CABLE MOUNTING HARDWARE.

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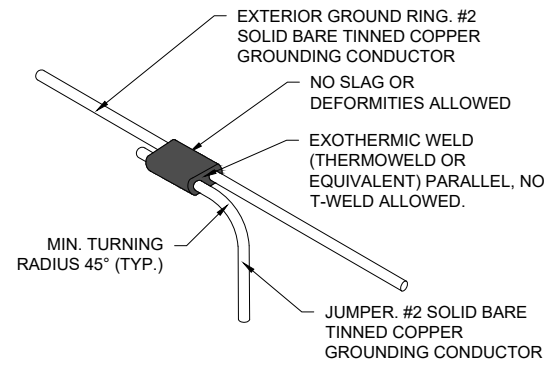
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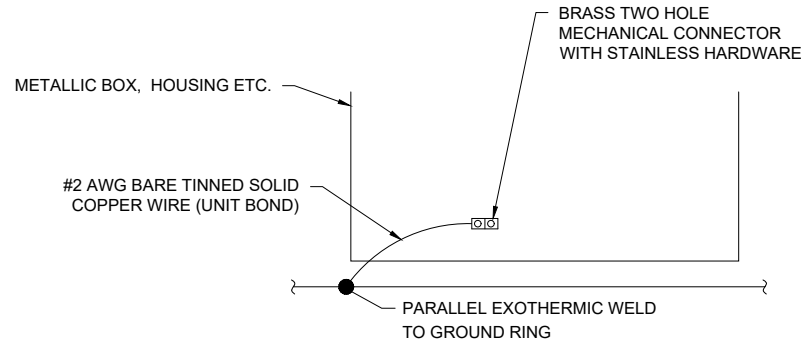
SHEET NAME  
**EQUIPMENT DETAILS AND PROPOSED ANTENNA & CABLE SCHEDULE**

SHEET NUMBER  
**C-4**



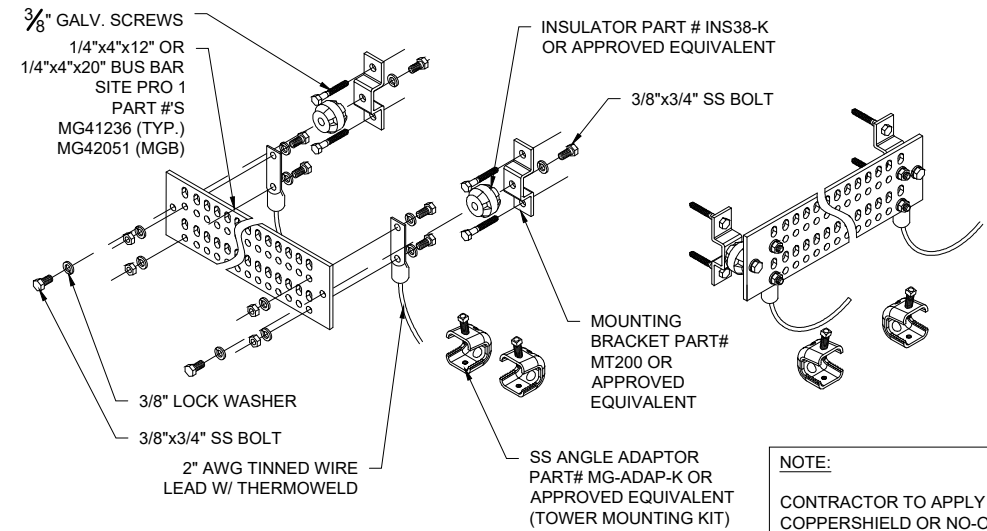
### EXOTHERMIC WELD DETAIL

SCALE : N.T.S.



### TYP. METALLIC GROUNDING DETAIL

SCALE : N.T.S.



### TYPICAL GROUND BAR DETAIL

SCALE : N.T.S.

### ELECTRICAL NOTES:

ALL ELECTRICAL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (N.E.C.), AND APPLICABLE LOCAL CODES.

GROUNDING SHALL COMPLY WITH ARTICLE 250 OF NATIONAL ELECTRICAL CODE.

ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED.

ALL WIRES SHALL BE AWG MIN #12 THHN COPPER UNLESS NOTED.

CONDUCTORS SHALL BE INSTALLED IN SCHEDULE 40 PVC CONDUIT UNLESS NOTED OTHERWISE.

ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE. BEND GROUNDING LEADS WITH A MINIMUM 8" RADIUS.

ENGAGE AN INDEPENDENT TESTING FIRM TO TEST AND VERIFY THAT RESISTANCE DOES NOT EXCEED 5 OHMS TO GROUND. TEST GROUND RING RESISTANCE PRIOR TO MAKING FINAL GROUND CONNECTIONS TO INFRASTRUCTURE AND EQUIPMENT. GROUNDING AND OTHER OPERATIONAL TESTING SHALL BE WITNESSED BY VERIZON WIRELESS REPRESENTATIVE.

PROVIDE PULL BOXES AND JUNCTION BOXES WHERE REQUIRED SO THAT CONDUIT BENDS DO NOT EXCEED 360°.

THE ROWSTAR SITES ARE LOCATED WITHIN FDOT JURISDICTION THEREFORE WE DO NOT SEEK OR OBTAIN LOCAL JURISDICTION PERMIT OR INSPECTIONS.

REDLINED AS-BUILTS ARE TO BE DELIVERED TO VERIZON WIRELESS REPRESENTATIVE.

ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE BUILDING CODES AND LOCAL ORDINANCES, INSTALLED IN A NEAT MANNER, AND SHALL BE SUBJECT TO APPROVAL BY VERIZON WIRELESS REPRESENTATIVE.

CONDUCT A PRE-CONSTRUCTION SITE VISIT AND VERIFY EXISTING SITE CONDITIONS AFFECTING THIS WORK. REPORT ANY OMISSIONS OR DISCREPANCIES FOR CLARIFICATION PRIOR TO THE START OF CONSTRUCTION.

PROTECT ADJACENT STRUCTURES AND FINISHES FROM DAMAGE. REPAIR TO ORIGINAL CONDITION ANY DAMAGED AREA.

REMOVE DEBRIS ON A DAILY BASIS. DEBRIS NOT REMOVED IN A TIMELY FASHION WILL BE REMOVED BY OTHERS AND THE RESPONSIBLE SUBCONTRACTOR SHALL BE CHARGED ACCORDINGLY. REMOVAL OF DEBRIS SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. DEBRIS SHALL BE REMOVED FROM THE PROPERTY AND DISPOSED OF LEGALLY.

UPON COMPLETION OF WORK, THE SITE SHALL BE CLEAN AND FREE OF DUST AND FINGERPRINTS.

### GROUNDING NOTES:

ALL DOWN GROUND WIRE AND GROUND SYSTEM WIRE SHALL BE #2 AWG, SOLID, BARE, TINNED COPPER. ALL CONNECTIONS TO GROUND SYSTEM SHALL BE EXOTHERMICALLY WELDED.

WHERE MECHANICAL GROUNDING CONNECTIONS ARE SPECIFIED, BOLTED, COMPRESSION-TYPE CLAMPS OR SPLIT-BOLT TYPE CONNECTORS SHALL BE USED.

GRIND OFF GALVANIZING IN AFFECTED AREA. EXOTHERMICALLY WELD #2 CONDUCTOR. COLD-GALV AFTER. EXOTHERMICALLY WELD OTHER END TO GROUND.

FOLLOWING COMPLETION OF WORK, CONDUCT GROUND TEST. SUBMIT WRITTEN TEST TO CONSTRUCTION MANAGER AND PROJECT MANAGER.

ALL GROUNDING WORK SHALL COMPLY WITH VERIZON WIRELESS STANDARDS.

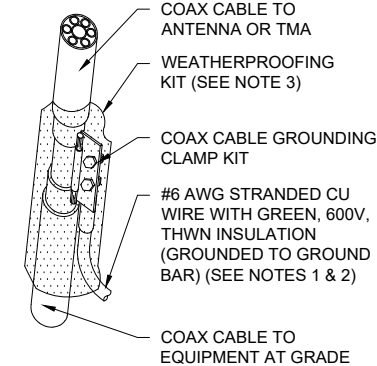
UNLESS NOTED OTHERWISE, ALL GROUNDING SHALL BE IN ACCORDANCE WITH VERIZON WIRELESS'S REQUIREMENTS FOR "BONDING, GROUNDING AND TRANSIENT PROTECTION FOR CELL SITES", AND "SITE RESISTANCE TO EARTH TESTING". ALL GROUNDING SHALL ALSO COMPLY WITH ALL STATE AND LOCAL CODES, AND THE NATIONAL ELECTRICAL CODE (NEC).

UNLESS NOTED OTHERWISE, ALL GROUNDING CONNECTIONS SHALL BE MADE BY AN EXOTHERMIC WELD.

RESISTANCE TO EARTH TESTING IS REQUIRED PER NEC STANDARDS ON ALL NEW SITES.

NEW INSTALLED ANTENNA PIPE MOUNTS SHALL BE EXOTHERMICALLY GROUNDED W/ #2 AWG SOLID TINNED COPPER TO EXISTING GROUND SYSTEM (EACH SECTOR).

ALL NEW COAX OR HYBRID CABLES SHALL BE GROUNDED W/ SUPPLIED GROUND KIT TO SECTOR GROUND SYSTEM.

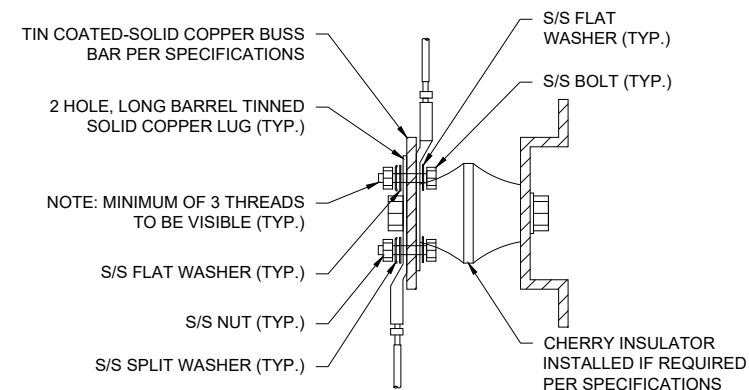


### NOTES:

- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR
- GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
- WEATHERPROOFING SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
- BUTYL TAPE WEATHERPROOFING MUST FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH THE FOLLOWING MODIFICATION: ON THE FIRST TAPE PASS PROVIDE A COURTESY WRAP TO AVOID PERMANENTLY ADHERING TO THE COAX CONNECTOR. START TAPE APPROXIMATELY 5 INCHES FROM THE CONNECTOR AND WRAP 2 INCHES TOWARD THE CONNECTOR, THEN REVERSE THE TAPE A HALF TURN OR SO THAT THE STICKY SIDE IS UP. CONTINUE WRAPPING THE TAPE OVER THE CONNECTOR UNTIL 3 INCHES BEYOND THE CONNECTOR AND REVERSE THE TAPE A HALF TURN AGAIN OR SO THAT THE STICKY SIDE IS DOWN FOR ANOTHER 2 INCHES.
- WHEN APPLIED, THE TAPE MUST BE ABOVE 32°F (0°C) TO ENSURE ADHESION
- DO NOT STRETCH THE TAPE AND DO NOT PULL THE TAPE TO TEAR IT - ALWAYS CUT IT. PULLED TAPE EVENTUALLY UNRAVELS, DECREASING POSITION.
- TIGHTLY WRAP THE RUBBER TAPE WITH 2 LAYERS OF VINYL INSULATING TAPE.

### COAX CABLE GROUND

SCALE : N.T.S.



### NOTES:

- ALL HARDWARE 18-8 STAINLESS STEEL INCLUDING SPLIT WASHERS.
- COAT WIRE END WITH ANTI-OXIDATION COMPOUND PRIOR TO INSERTION INTO LUG BARREL AND CRIMPING.
- APPLY ANTI-OXIDATION COMPOUND BETWEEN ALL LUGS AND BUSS BARS PRIOR TO MATING AND BOLTING.

### GROUNDING BAR LUG DETAILS

SCALE : N.T.S.

PREPARED BY

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PROFESSIONAL SEAL

10/29/2025

PREPARED FOR

7701 E TELECOM PKWY  
TEMPLE TERRACE, FL 33637

PROJECT INFORMATION

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CR252 BARWICK - G  
330 SW BARWICK TERRACE  
LAKE CITY, FL 32024  
CBVR PROJECT #: VZW.301.25

ISSUED DATES	
0	FOR PERMIT/ CONSTRUCTION 10.29.25

SHEET NAME

**GROUNDING DETAILS**

SHEET NUMBER

**E-1**