



VICINITY MAP



AMERICAN TOWER®

ATC SITE NAME: COLUMBIA - NEXTEL BTS

ATC SITE NUMBER: 21806

VERIZON SITE NAME: ATC COLUMBIA

VERIZON SITE NUMBER: 131312

SITE ADDRESS: 3969 SW TUSTENUGGEE AVE
LAKE CITY, FL 32024



LOCATION MAP

VERIZON
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. 2020 FLORIDA BUILDING CODE, 7TH EDITION</p> <p>2. ANSI/TIA-222-H</p> <p>3. 6TH EDITION FLORIDA FIRE PREVENTION CODE (NFPA 70)</p> <p>4. 2017 NATIONAL ELECTRICAL CODE</p> <p>5. BASIC WIND SPEED: 125 MPH (3-SECOND GUST)</p> <p>6. CITY/COUNTY ORDINANCES</p>	<p><u>SITE ADDRESS:</u></p> <p>3969 SW TUSTENUGGEE AVE</p> <p>LAKE CITY, FL 32024</p> <p>COUNTY: COLUMBIA</p> <p><u>GEOGRAPHIC COORDINATES:</u></p> <p>LATITUDE: 30.08611107</p> <p>LONGITUDE: -82.64020538</p> <p>GROUND ELEVATION: 96' AMSL</p>		<p>THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:</p> <p>REMOVE (6) ANTENNA(s), (6) RRH(s), (2) DIPLEXER(s), AND (1) 1 5/8" COAX CABLE(s)</p> <p>INSTALL (3) ANTENNA(s), (6) RRH(s), (1) OVP(s), AND (1) 12X24 HYBRID CABLE(s)</p> <p>EXISTING (6) ANTENNA(s), (1) OVP(s), (6) 1 5/8" COAX CABLE(s), AND (1) 6X12 HYBRID CABLE(s) TO REMAIN</p> <p><u>GROUND WORK:</u></p> <p>REMOVE (1) 6201 CABINET(S), (1) GENERATOR, (1) ATS(S), (1) PPC(S), AND SUBPANEL(S).</p> <p>NSTALL (1) CONSOLIDATED EQUIPMENT, PAD EXPANSION AND POWER CABINET(S), (1) 50KW GENERATOR(S), (1) 200A ILC(S)</p>	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
				G-001	TITLE SHEET	1	09/13/21	LR
				G-002	GENERAL NOTES	0	09/02/21	JP
				C-101	DETAILED SITE PLAN	0	09/02/21	JP
				C-102	DETAILED SITE PLAN	0	09/02/21	JP
				C-201	TOWER ELEVATION	0	09/02/21	JP
				C-401	ANTENNA INFORMATION & SCHEDULE	0	09/02/21	JP
				C-501	CONSTRUCTION DETAILS	0	09/02/21	JP
				E-101	CONDUIT LAYOUT	0	09/02/21	JP
				E-501	GROUNDING DETAILS	0	09/02/21	JP
				E-601	ONE-LINE DIAGRAM	1	09/13/21	LR
				E-602	PANEL SCHEDULE AND ELECTRICAL DETAILS	0	09/02/21	JP
			R-601	SUPPLEMENTAL				
			R-602	SUPPLEMENTAL				
			R-603	SUPPLEMENTAL				
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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JP	09/02/21
1	REMOVE SPECS/UPDATE ONELINE	LR	09/13/21

ATC SITE NUMBER:
21806

ATC SITE NAME:
COLUMBIA - NEXTEL BTS

VERIZON SITE NAME:
ATC COLUMBIA

SITE ADDRESS:
3969 SW TUSTENUGGEE AVE
LAKE CITY, FL 32024



DATE DRAWN:	09/02/21
ATC JOB NO:	13692328_D1
CUSTOMER ID:	ATC COLUMBIA
CUSTOMER #:	131312

TITLE SHEET	
SHEET NUMBER: G-001	REVISION: 1

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 NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
30. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE 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.



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REV.	DESCRIPTION	BY	DATE
△	FOR CONSTRUCTION	JP	09/02/21
△			
△			
△			
△			

ATC SITE NUMBER:
21806

ATC SITE NAME:
COLUMBIA - NEXTEL BTS

VERIZON SITE NAME:
ATC COLUMBIA

SITE ADDRESS:
3969 SW TUSTENUGGEE AVE
LAKE CITY, FL 32024

SEAL:



DATE DRAWN:	09/02/21
ATC JOB NO:	13692328_D1
CUSTOMER ID:	ATC COLUMBIA
CUSTOMER #:	131312

GENERAL NOTES

SHEET NUMBER:
G-002

REVISION:
0

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.

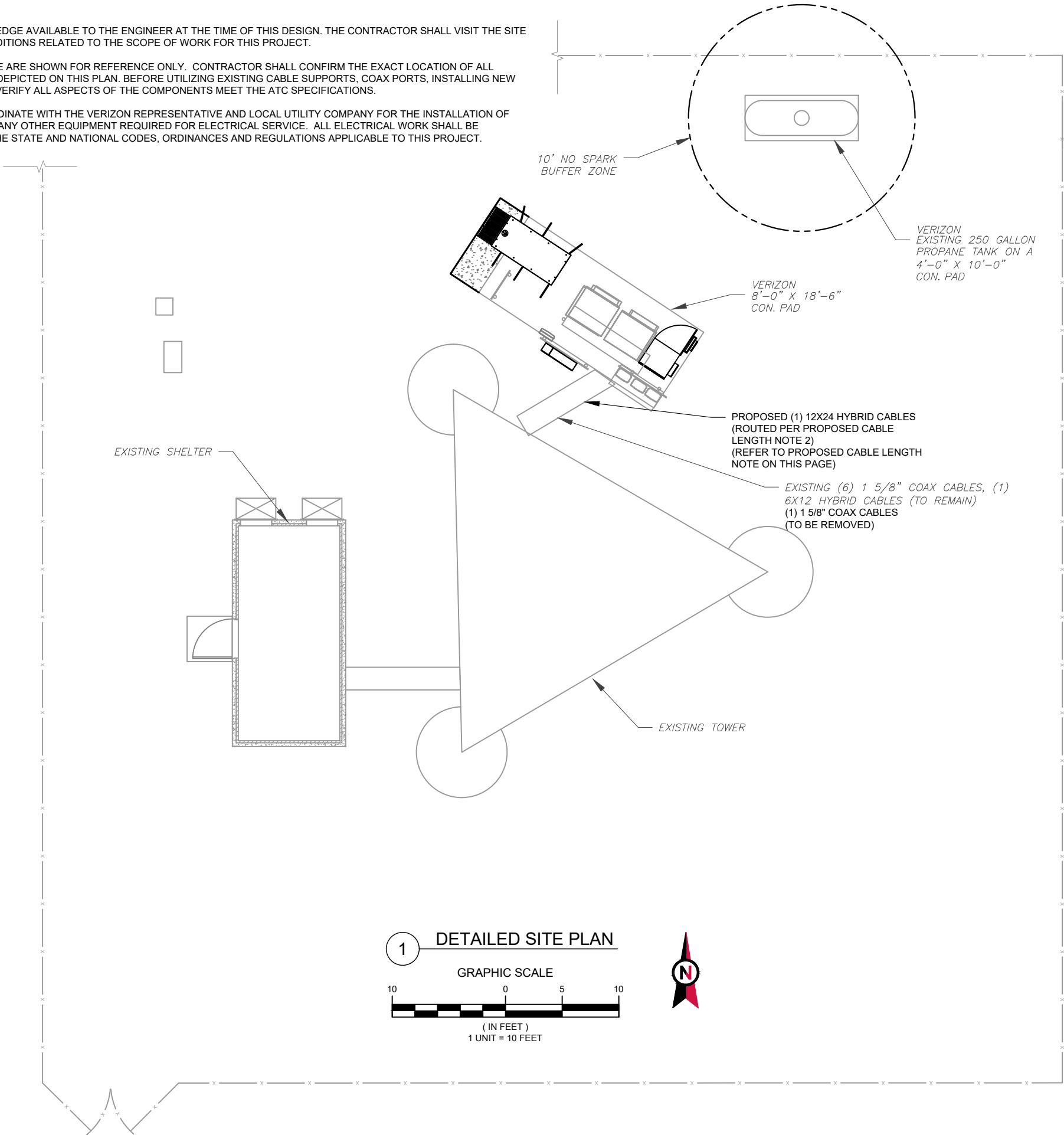
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE VERIZON REPRESENTATIVE AND LOCAL UTILITY COMPANY FOR THE INSTALLATION OF CONDUITS, CONDUCTORS, BREAKERS, DISCONNECTS, OR ANY OTHER EQUIPMENT REQUIRED FOR ELECTRICAL SERVICE. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE STATE AND NATIONAL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO 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

- PROPOSED CABLE LENGTH:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **280'**. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES), CDS DEFER TO GREATEST CABLE LENGTH.

2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. WHERE POSSIBLE UTILIZE EXISTING CABLE SUPPORT STRUCTURES AS PROVIDED FOR CARRIER TO ADEQUATELY SECURE CABLES, USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER. OTHERWISE, ATTACH CABLES TO HORIZONTAL OR DIAGONAL TOWER MEMBERS USING PROPOSED STAINLESS STEEL ADAPTERS (DO NOT ATTACH TO TOWER LEG).





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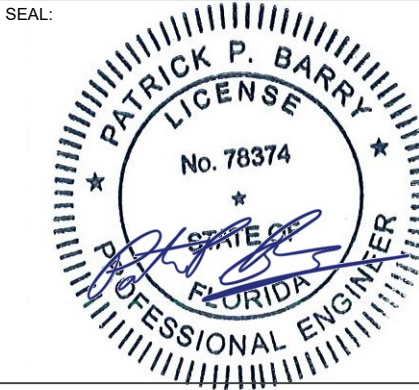
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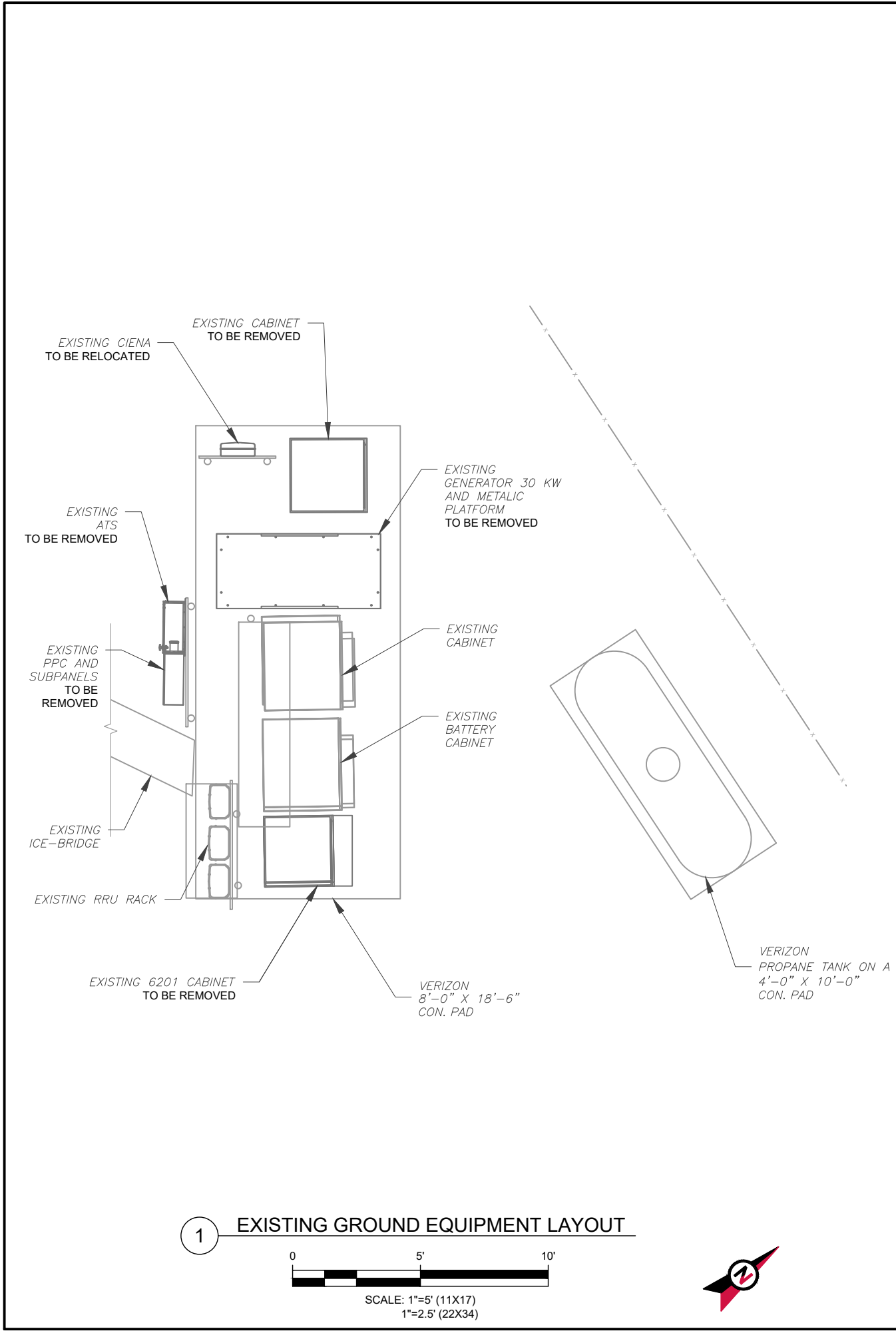
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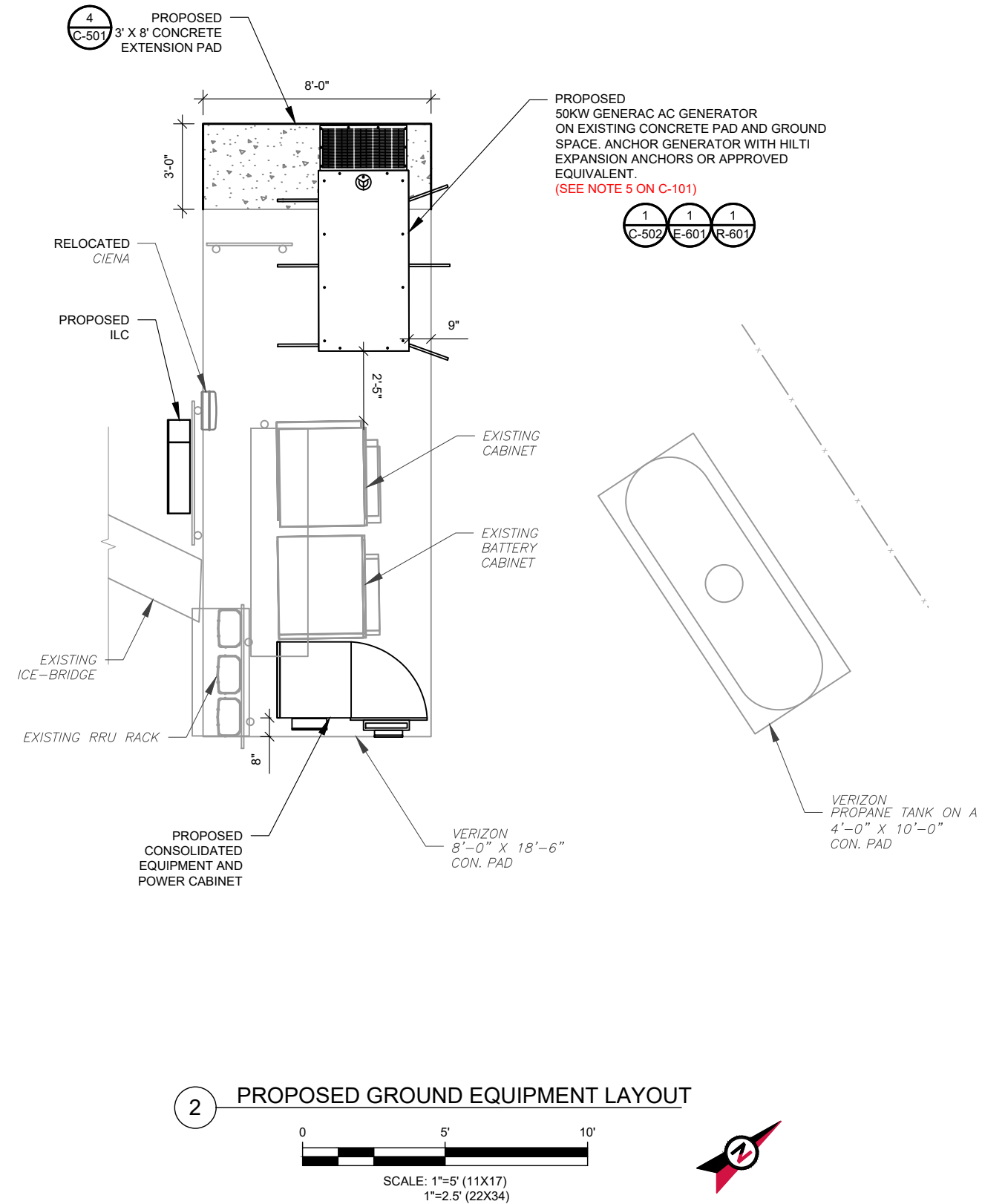
DETAILED SITE PLAN	
SHEET NUMBER: C-101	REVISION: 0



VERIZON CM APPROVAL REQUIRED
BEFORE INSTALLING CABINETS

SOW:

1. INSTALL CONSOLIDATED EQUIPMENT AND POWER CABINET IN AVAILABLE SPACE IN LINEUP.
2. REMOVE 6201 CABINET.
3. INSTALL NEW 200A ILC ON EXISTING H-FRAME OR EXTENSION.
4. REMOVE PPC / ATS / SUBPANELS.



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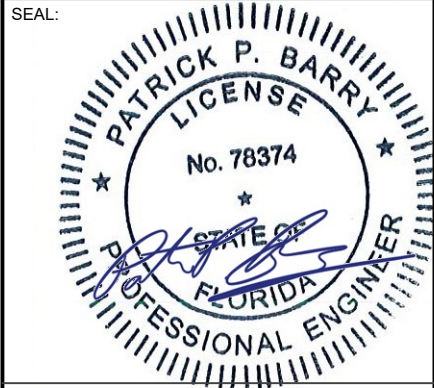
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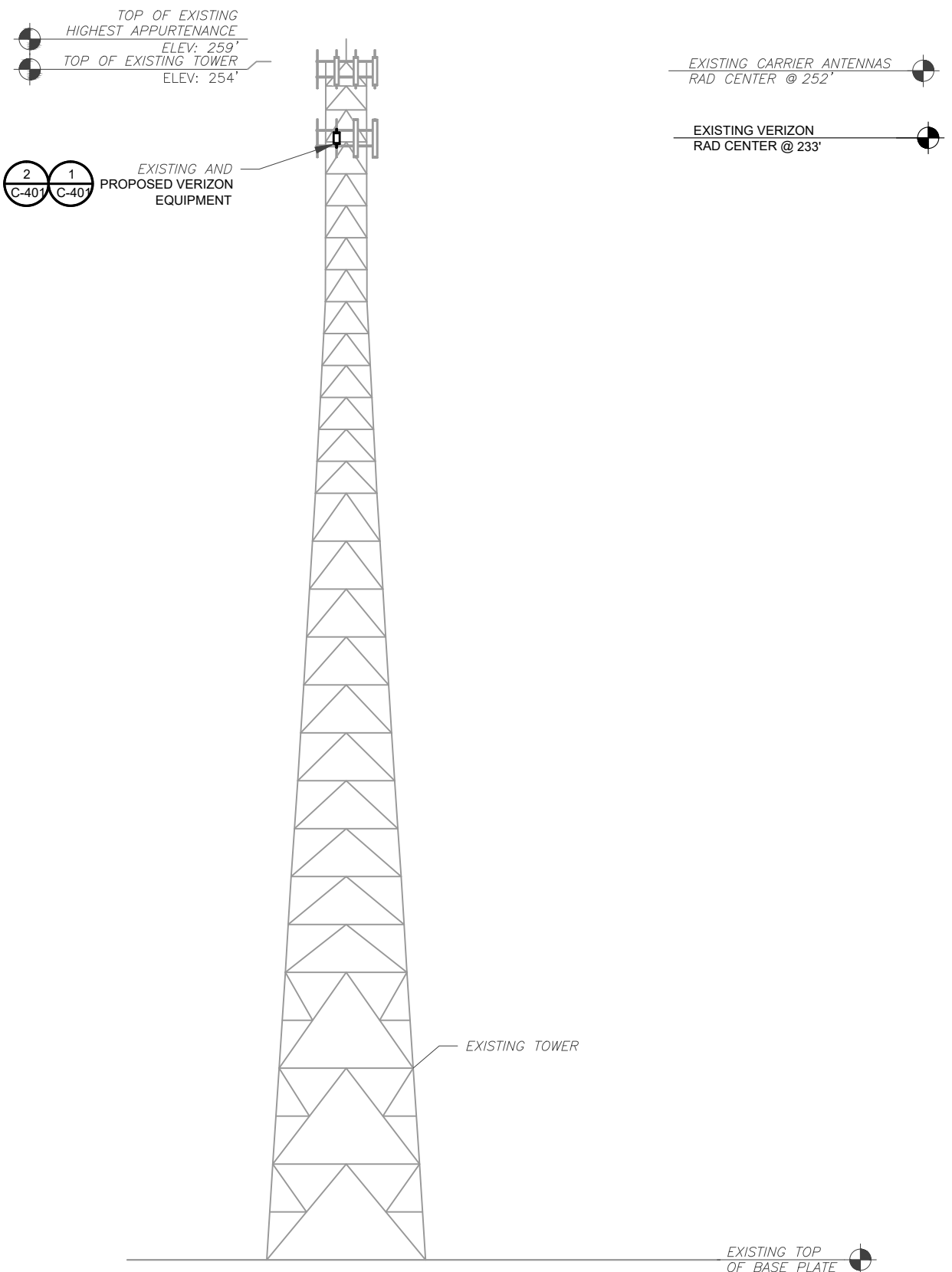
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DATE DRAWN:	09/02/21
ATC JOB NO:	13692328_D1
CUSTOMER ID:	ATC COLUMBIA
CUSTOMER #:	131312

DETAILED SITE PLAN	
SHEET NUMBER: C-102	REVISION: 0



ATC HAS NOT ANALYZED THE EXISTING ANTENNA MOUNT(S) TO DETERMINE ADEQUATE STRUCTURAL CAPACITY FOR PROPOSED CARRIER LOADING.

- TOWER NOTE:**
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
 - WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
 - ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. WHERE POSSIBLE UTILIZE EXISTING CABLE SUPPORT STRUCTURES AS PROVIDED FOR CARRIER TO ADEQUATELY SECURE CABLES, USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER. OTHERWISE, ATTACH CABLES TO HORIZONTAL OR DIAGONAL TOWER MEMBERS USING PROPOSED STAINLESS STEEL ADAPTERS (DO NOT ATTACH TO TOWER LEG).
 - TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)

1 TOWER ELEVATION
SCALE: N.T.S.



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PHONE: (919) 468-0112
COA: 9053

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JP	09/02/21

ATC SITE NUMBER:
21806

ATC SITE NAME:
COLUMBIA - NEXTEL BTS

VERIZON SITE NAME:
ATC COLUMBIA

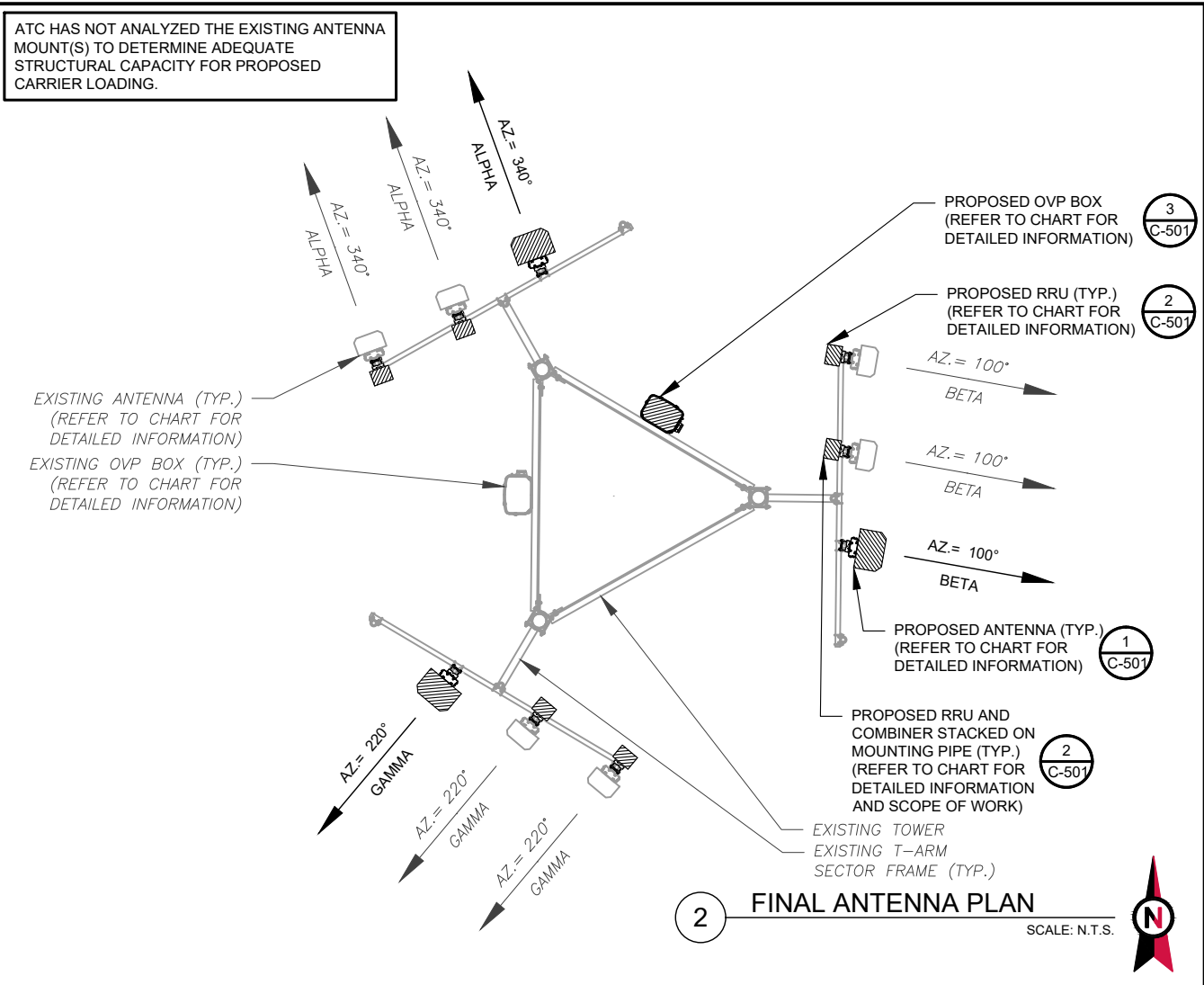
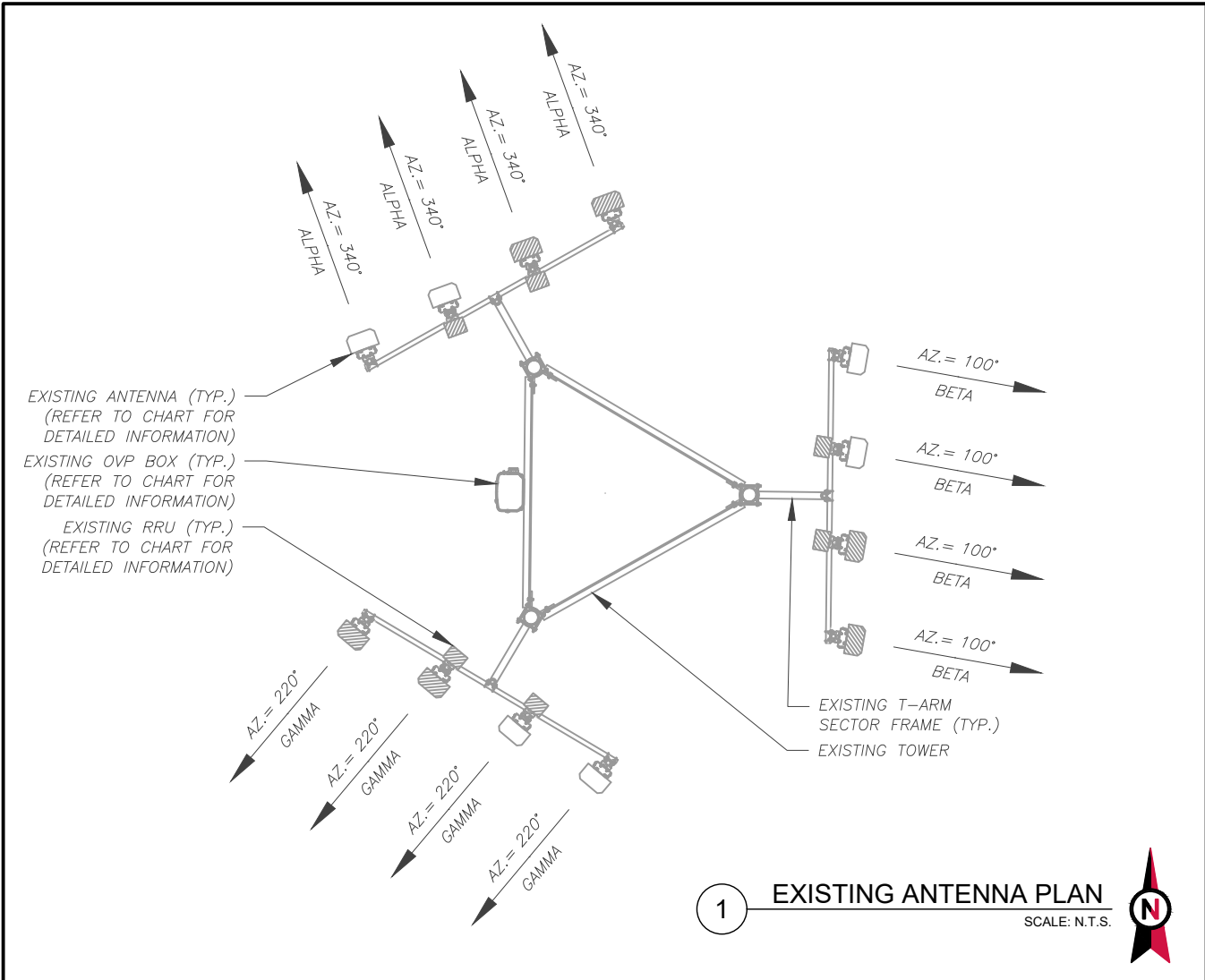
SITE ADDRESS:
3969 SW TUSTENUGGEE AVE
LAKE CITY, FL 32024



DATE DRAWN:	09/02/21
ATC JOB NO:	13692328_D1
CUSTOMER ID:	ATC COLUMBIA
CUSTOMER #:	131312

TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0



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	233'	340°	A1	NHH-65C-R2B	1900/AWS/AWS3	-	RMN	-
			A2	NHH-65C-R2B	1900/AWS/AWS3	-	RMN	RRUS32 B2
			A3	X7CAP-865-C4	850	-	RMV	RRUS32 B66A
			A4	X7CAP-865-C4	850	-	RMV	-
BETA	233'	100°	B1	NHH-65C-R2B	1900/AWS/AWS3	-	RMN	-
			B2	NHH-65C-R2B	1900/AWS/AWS3	-	RMN	RRUS32 B2
			B3	X7CAP-865-C4	850	-	RMV	RRUS32 B66A
			B4	X7CAP-865-C4	850	-	RMV	-
GAMMA	233'	220°	C1	NHH-65C-R2B	1900/AWS/AWS3	-	RMN	-
			C2	NHH-65C-R2B	1900/AWS/AWS3	-	RMN	RRUS32 B2
			C3	X7CAP-865-C4	850	-	RMV	RRUS32 B66A
			C4	X7CAP-865-C4	850	-	RMV	-

- 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'

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
-	-	(6) 1 5/8"	(1) 6X12	RMN
-	-	(1) 1 5/8"	----	RMV

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
-	-	(6) 1 5/8"	(1) 6X12	RMN
-	-	----	(1) 12X24	ADD



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ATC TOWER SERVICES, LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
COA: 9053

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JP	09/02/21
1			
2			
3			


ATC SITE NUMBER:
21806


ATC SITE NAME:
COLUMBIA - NEXTEL BTS

VERIZON SITE NAME:
ATC COLUMBIA

SITE ADDRESS:
3969 SW TUSTENUGGEE AVE
LAKE CITY, FL 32024

SEAL:

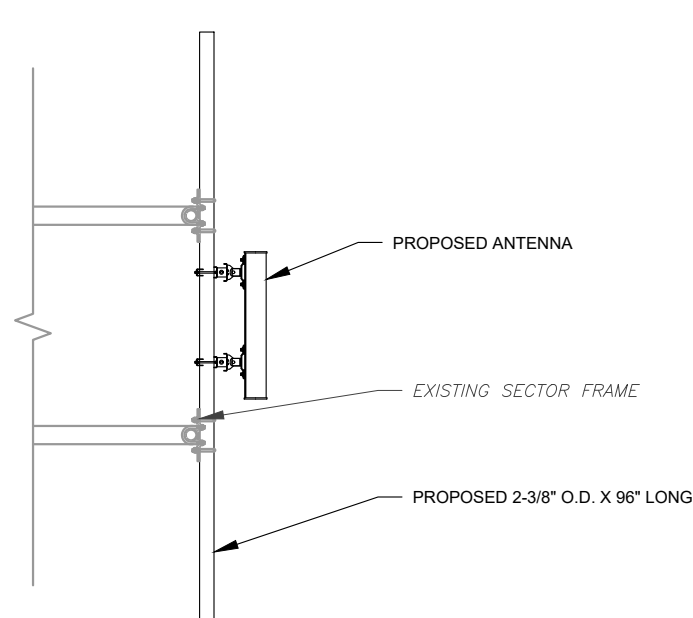


verizon 

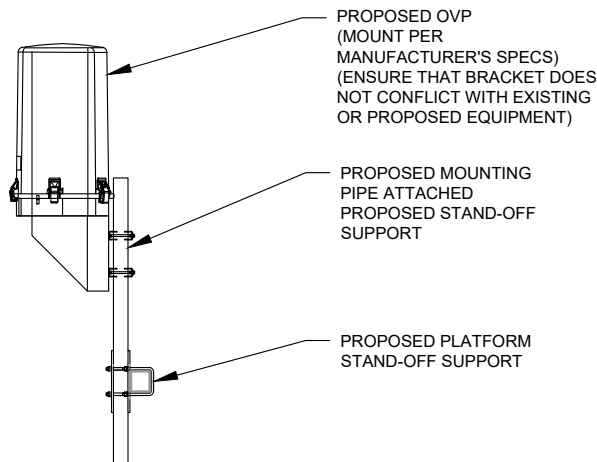
DATE DRAWN:	09/02/21
ATC JOB NO:	13692328_D1
CUSTOMER ID:	ATC COLUMBIA
CUSTOMER #:	131312

ANTENNA INFORMATION & SCHEDULE

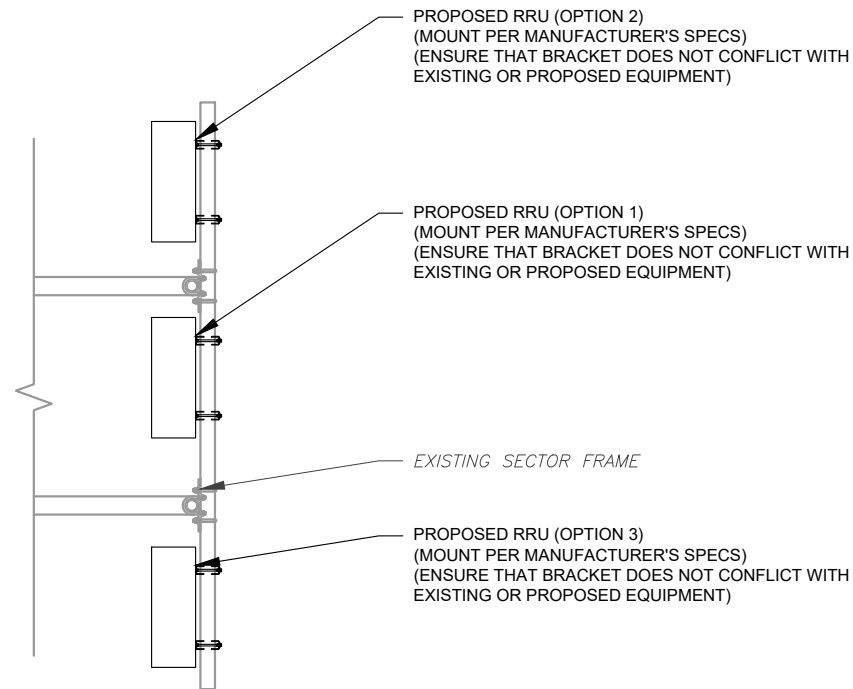
SHEET NUMBER: C-401	REVISION: 0
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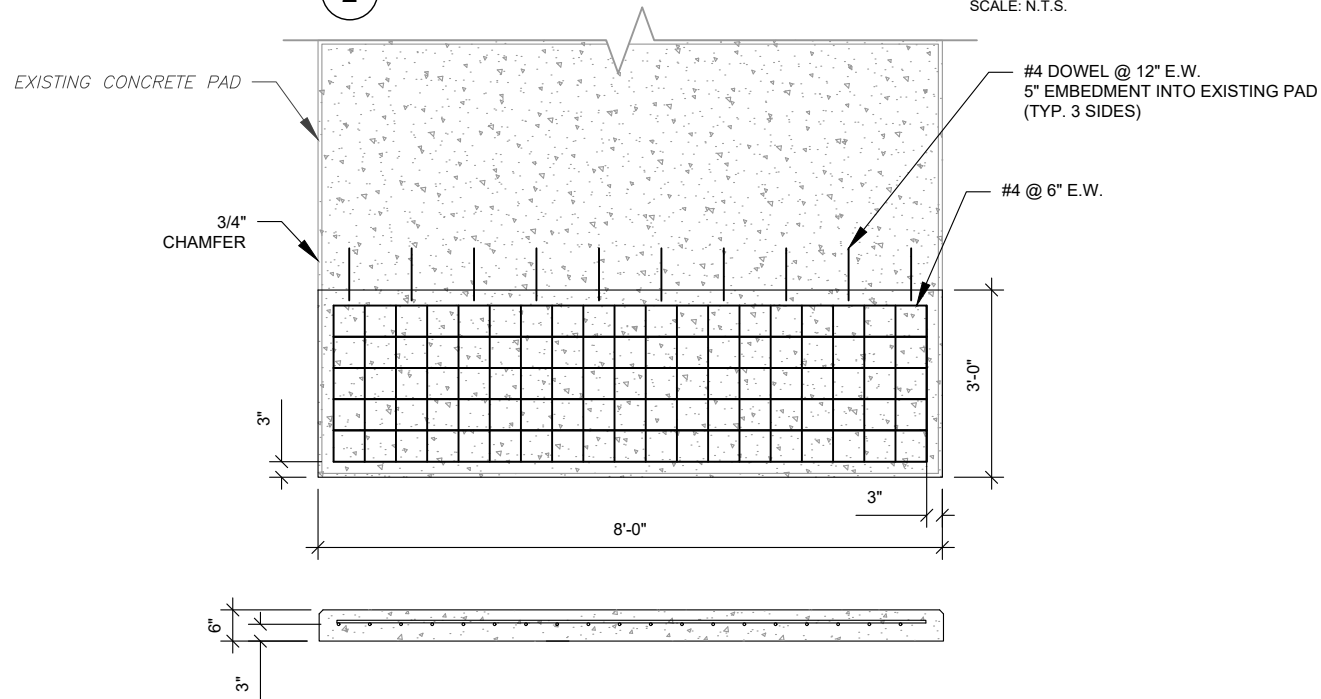
1 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.



3 PROPOSED OVP MOUNTING
SCALE: N.T.S.



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



PAD NOTES:

1. SUBGRADE AND FILL SHALL CONSIST OF CLEAN SOIL. DELETERIOUS MATERIAL AND ORGANICS SHALL BE REMOVED.
2. COMPACT SUBGRADE TO 95%.
3. USE GALVANIZED HILTI EXPANSION ANCHORS OR, APPROVED EQUAL, FOR EQUIPMENT ANCHORAGE.
4. FOR SIZE AND LOCATION OF ANCHORS AND OTHER REQUIREMENT, SEE EQUIPMENT VENDOR DRAWINGS.
5. DETAIL FOR ILLUSTRATIVE PURPOSES ONLY. MODIFY PER GENERATOR MANUFACTURER SPECIFICATIONS TO ACCOMMODATE STUB UP.

4 CONCRETE PAD EXPANSION FOR GENERATOR
SCALE: NOT TO SCALE



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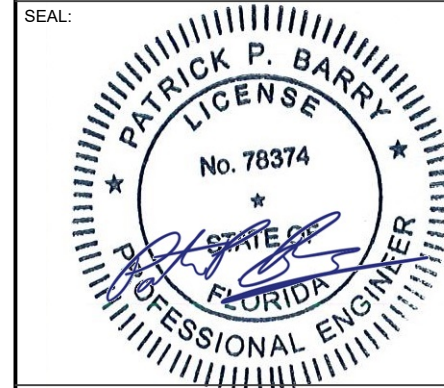
REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JP	09/02/21

ATC SITE NUMBER:
21806

ATC SITE NAME:
COLUMBIA - NEXTEL BTS

VERIZON SITE NAME:
ATC COLUMBIA

SITE ADDRESS:
3969 SW TUSTENUGGEE AVE
LAKE CITY, FL 32024



DATE DRAWN:	09/02/21
ATC JOB NO:	13692328_D1
CUSTOMER ID:	ATC COLUMBIA
CUSTOMER #:	131312

CONSTRUCTION DETAILS	
SHEET NUMBER: C-501	REVISION: 0

LABEL LIST:

- (4)-1½" CONDUITS FOR RECTIFIERS IN CONSOLIDATED EQUIPMENT AND POWER CABINET
- (1)-1" CONDUIT FOR GENERATOR AND ILC ALARM FORM ILC TO CONSOLIDATED EQUIPMENT AND POWER CABINET
- (1)-1" CONDUIT FOR GENERATOR HEATER & BATTERY CHARGER FROM ILC TO GENERATOR
- (1)-1" CONDUIT FOR ALARM AND CONTROL WIRING FROM ILC TO GENERATOR
- (1)- 2½" CONDUIT FOR POWER FROM ILC TO GENERATOR
- (1)-2" CONDUIT FOR POWER FROM SERVICE DISCONNECT/CIRCUIT BREAKER TO ILC
- (1)-2" CONDUIT FOR BATTERY CABINET FROM CONSOLIDATED EQUIPMENT AND POWER CABINET TO BATTERY CABINET
- (1)-1" CONDUIT FOR BATTERY CABINET FROM ILC TO BATTERY CABINET. CONTRACTOR TO REUSE CONDUIT AND CONDUIT AND CONDUCTORS IF SUFFICIENTLY SIZED.
- (1)-1½" CONDUIT FOR EXISTING BTS CABINET FROM ILC TO BTS CABINET. CONTRACTOR TO REUSE CONDUIT AND CONDUIT AND CONDUCTORS IF SUFFICIENTLY SIZED.
- LP LINE TO BE SIZED AND INSTALLED BY A QUALIFIED CONTRACTOR

NOTES:

- POWER AND TELCO CONDUITS RECEIVING CONDUCTORS BY OTHERS TO HAVE PULL ROPES.
- ALL TELCO CONDUITS ARE TO BE STUBBED IN D-MARC LOCATION.
- ALL POWER CONDUITS ARE TO BE TERMINATED AT THE METER CENTER.
- THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO TRENCHING. ANY DAMAGE CAUSED TO THE EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- ALL CONDUITS SHALL BE INSTALLED PRIOR TO FINISH GRADING, GEOFABRIC, AND STONE INSTALLATION.
- CONTRACTOR SHALL INSTALL SWEEPS AT ALL CONDUIT DIRECTION CHANGES UNLESS NOTED OTHERWISE.
- RUN CONDUITS FROM ILC TO GENERATOR UNDERGROUND AND STUB UP CONDUITS MINIMUM 6" HIGH INSIDE GENERATOR BASE AND TERMINATE WITH MALE ADAPTER AND THREADED BUSHING.
- WHEN ALL RRUs ARE GROUND MOUNTED, OMIT OVPs AND RUN FIBER/POWER FROM CONSOLIDATED EQUIPMENT DIRECTLY TO RRUs.

GROUNDING KEYED NOTES:

1 #2 SBTC GROUNDING ELECTRODE CONDUCTOR

PROPOSED
50KW GENERAC AC GENERATOR
ON EXISTING CONCRETE PAD AND GROUND
SPACE.

PROPOSED
ILC

1

PROPOSED
CONSOLIDATED
EQUIPMENT AND
POWER CABINET

2 GROUNDING PLAN
SCALE: N.T.S.

PROPOSED
ILC

PROPOSED
CONSOLIDATED
EQUIPMENT AND
POWER CABINET

1 POWER ROUTING PLAN
SCALE: N.T.S.

PROPOSED
50KW GENERAC AC GENERATOR
ON EXISTING CONCRETE PAD AND GROUND
SPACE.

PROpane TANK ON A
4'-0" X 10'-0"
CON. PAD

PROpane TANK ON A
4'-0" X 10'-0"
CON. PAD



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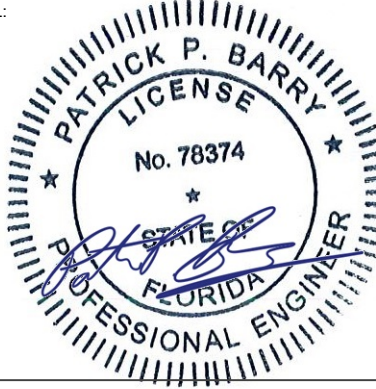
ATC SITE NUMBER:
21806

ATC SITE NAME:
COLUMBIA - NEXTEL BTS

VERIZON SITE NAME:
ATC COLUMBIA

SITE ADDRESS:
3969 SW TUSTENUGGEE AVE
LAKE CITY, FL 32024

SEAL:



verizon

DATE DRAWN:	09/02/21
ATC JOB NO:	13692328_D1
CUSTOMER ID:	ATC COLUMBIA
CUSTOMER #:	131312

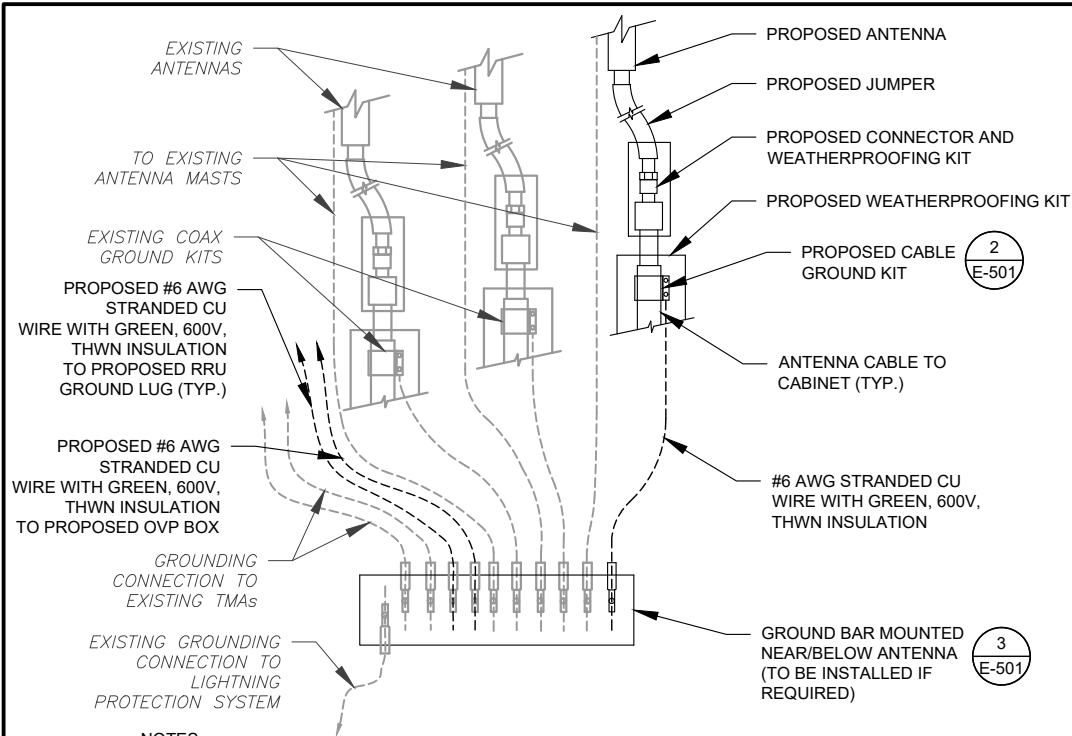
CONDUIT LAYOUT

SHEET NUMBER:

E-101

REVISION:

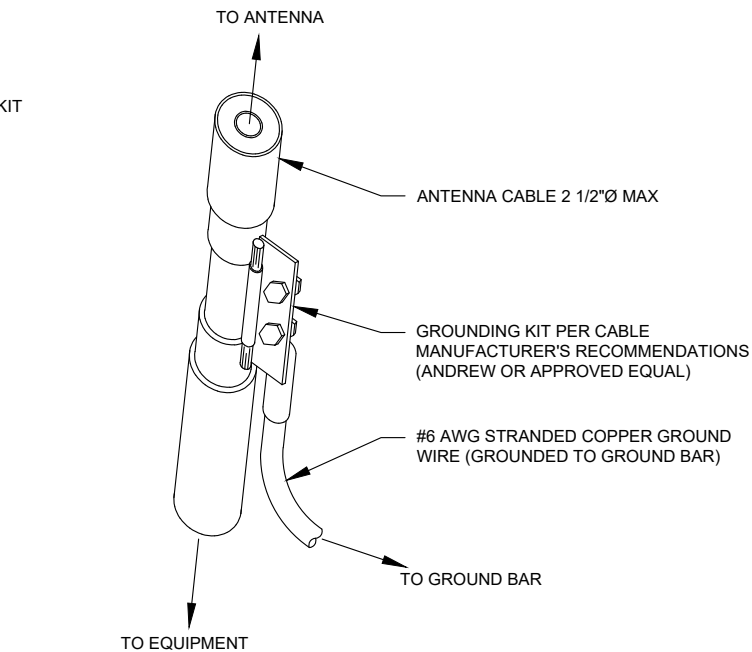
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NOTES:

- 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.
- 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.

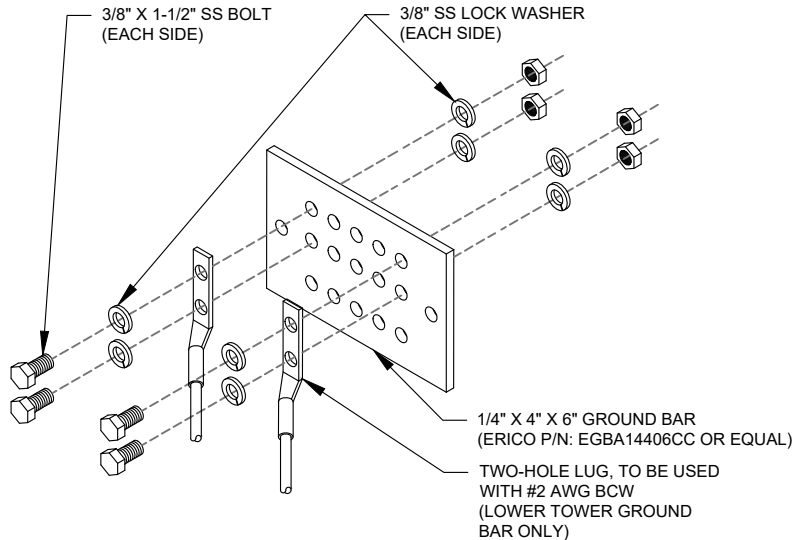
1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.



GROUND KIT NOTES:

- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
- CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

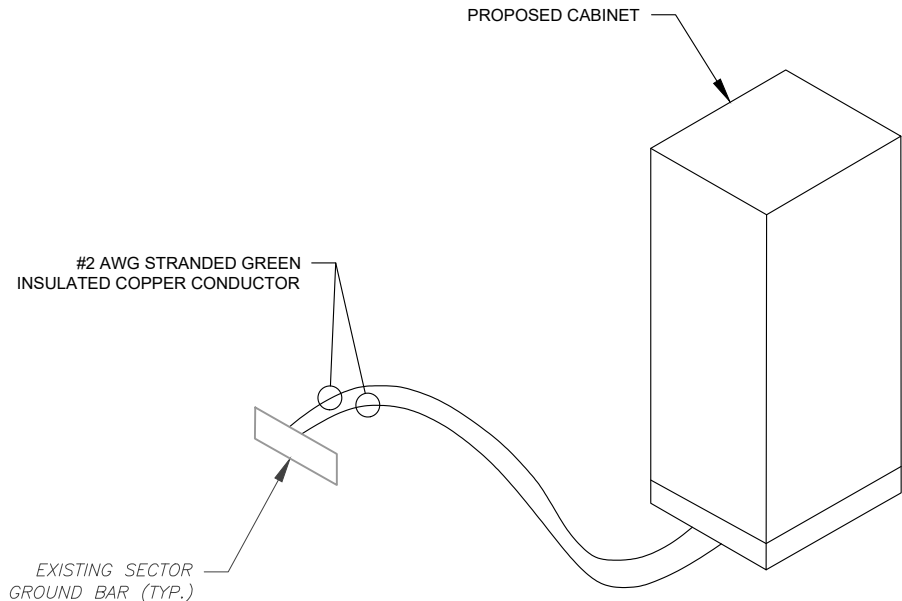
2 CABLE GROUND KIT CONNECTION DETAIL
SCALE: N.T.S.



GROUND BAR NOTES:

- GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
- GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

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



4 CABINET GROUNDING DETAIL
SCALE: N.T.S.



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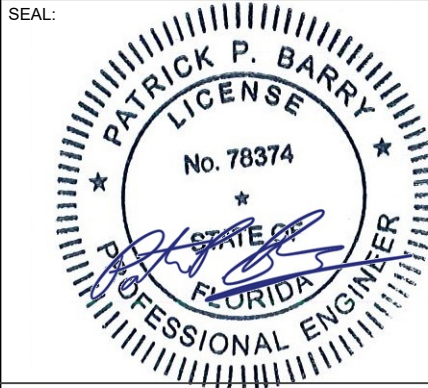
REV.	DESCRIPTION	BY	DATE
Δ	FOR CONSTRUCTION	JP	09/02/21
Δ			
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Δ			
Δ			

ATC SITE NUMBER:
21806

ATC SITE NAME:
COLUMBIA - NEXTEL BTS

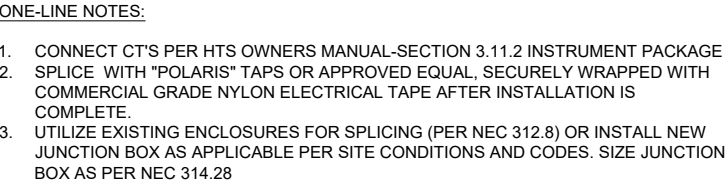
VERIZON SITE NAME:
ATC COLUMBIA

SITE ADDRESS:
3969 SW TUSTENUGGEE AVE
LAKE CITY, FL 32024



DATE DRAWN:	09/02/21
ATC JOB NO:	13692328_D1
CUSTOMER ID:	ATC COLUMBIA
CUSTOMER #:	131312

GROUNDING DETAILS	
SHEET NUMBER: E-501	REVISION: 0



SCALE: NOT TO SCALE



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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JP	09/02/21
1	REMOVE SPECS/UPDATE ONELINE	RL	09/13/21

ATC SITE NUMBER:
21806

ATC SITE NAME:
COLUMBIA - NEXTEL BTS

VERIZON SITE NAME:
ATC COLUMBIA

SITE ADDRESS:
3969 SW TUSTENUGGEE AVE
LAKE CITY, FL 32024

SEAL:



DATE DRAWN:	09/02/21
ATC JOB NO:	13692328_D1
CUSTOMER ID:	ATC COLUMBIA
CUSTOMER #:	131312

ONE-LINE DIAGRAM

SHEET NUMBER:

E-601

REVISION:

1

PANEL DESIGNATION:VERIZON

TYPE:LIGHTING & APPLIANCE

SYSTEM:120/240V, 1Ø, 3W, 42 CKT

LOCATION:VZW LEASE EQUIPMENT AREA

MOUNTING:SURFACE

MAIN BREAKER (MB):200A

PANEL NOTES:PROPOSED

ENCLOSURE:NEMA 3R

MAIN BUS RATING:200A

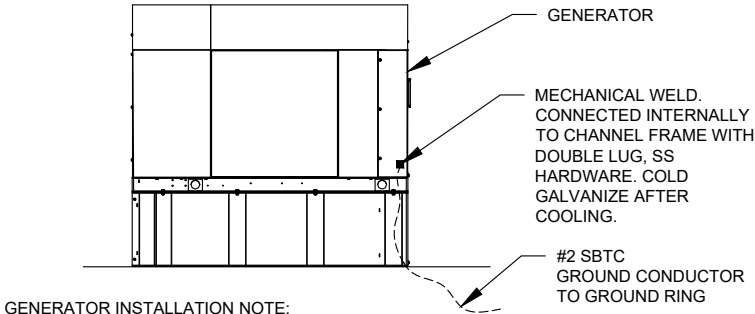
MIN. A.I.C. RATING:N/A

CONNECTED LOAD (kVA)		BRIEF DESCRIPTION	FEEDER OR BRANCH CIRCUIT								FEEDER OR BRANCH CIRCUIT							BRIEF DESCRIPTION	CONNECTED LOAD (kVA)			
A	B		BREAKER		CIRCUIT			POLE NO.	CIRC. NOTES		CIRC. NOTES	POLE NO.	CIRCUIT			BREAKER			A	B		
			AMPS	POLES	WIRE	GND	COND.						COND.	GND	WIRE	POLES	AMPS					
1.14		RECTIFIER	30	2	3-#10	#10	1/2"	1	3		3	2	1/2"	#10	3-#10	2	30	RECTIFIER	1.14			
	1.14		3	4																		1.14
1.14		RECTIFIER	30	2	3-#10	#10	1/2"	5	3		3	6	1/2"	#10	3-#10	2	30	RECTIFIER	1.14			
	1.14		7	8																		1.14
1.14		RECTIFIER	30	2	3-#10	#10	1/2"	9	3		3	10	1/2"	#10	3-#10	2	30	RECTIFIER	1.14			
	1.14		11	12																		1.14
1.14		RECTIFIER	30	2	3-#10	#10	1/2"	13	3		3	14	1/2"	#10	3-#10	2	30	EBRE	1.20			
	1.14		15	16																		1.20
4.00		BTS	100	2	3-#1	#8	2"	17	3		3	18	1/2"	#12	2-#12	1	20	DF CABINET	1.80			
	4.00		19	20																	TELCO RECEPT	
0.00								21			3	22	1/2"	#12	2-#12	1	20	EEN RECEPT	0.18			
	0.00							23			3	24	1/2"	#12	2-#12	1	20	GEN BATTERY CHARGER		1.92		
0.00								25			3	26	1/2"	#12	2-#12	1	20	GEN BLOCK HEATER	1.92			
	0.00							27				28								0.00		
0.00								29				30							0.00			
8.5	8.5								A	B	TOTAL										8.5	6.7
									17.1	15.3	32.3			CONNECTED LOAD (kVA)								
									17.1	15.3	32.3			DEMAND LOAD (kVA)							DERATING FACTOR (80%)	

CIRCUIT NOTES

- 1) PANEL SCHEDULE BASED ON INFO PROVIDED TO AE; IF PANEL HAS DIFFERENT EXISTING LOADS THAN SHOWN, STOP WORK AND CONTACT EOR
- 2) EXISTING CIRCUIT, UNKNOWN LOAD, MAX DEMAND ASSUMED FOR LOAD CAPACITY ASSESSMENT.
- 3) EXISTING CIRCUIT, KNOWN LOAD FOR LOAD CAPACITY ASSESSMENT
- 4) PROPOSED CIRCUIT, KNOWN LOAD FOR LOAD CAPACITY ASSESSMENT

1 PANEL SCHEDULE

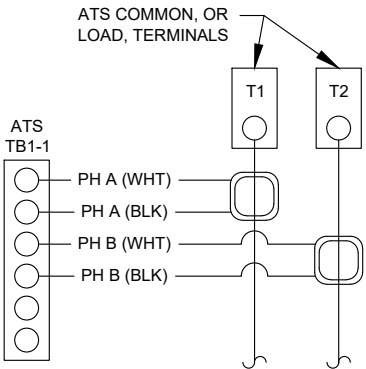


GENERATOR INSTALLATION NOTE:

INSTALL GENERATOR AND TRANSFER SWITCH WITH ALL SUPPLIED ACCESSORIES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SPECIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, ACCESSORIES FOR THE EXHAUST SYSTEM, FUEL SYSTEM, ENCLOSURE INTEGRITY (CAPS, PLUGS, COVERS, ETC.), ELECTRICAL CONNECTIONS, AND GROUNDING CONNECTIONS.

2 GENERATOR GROUNDING

SCALE: NOT TO SCALE



CT NOTES:

1. CT'S FURNISHED BY GENERAC WITH LEAD WIRE OPTION, PART NUMBER 0F7784B, 200:1 AMP RATIO.
2. WIRING SHOWN FOR SINGLE PHASE TENANT LOAD ON PHASES A-B. ADJUST ACCORDINGLY FOR INDIVIDUAL SITES THAT ARE BALANCING THREE PHASE SERVICES.
3. 1-PHASE: MOUNT ONE CT WITH WHITE DOT FACING AWAY FROM, AND OTHER CT WITH WHITE DOT FACING TOWARDS, THE ATS TERMINAL CONNECTIONS
4. 3-PHASE: MOUNT ALL CT'S WITH WHITE DOTS ALL FACING AWAY FROM THE ATS TERMINAL CONNECTIONS

3 CT WIRING DIAGRAM

SCALE: NOT TO SCALE

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COA: 9053

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CUSTOMER #:	131312

PANEL SCHEDULE AND ELECTRICAL DETAILS

SHEET NUMBER: E-602	REVISION: 0
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SG050 | 5.4L | 50 kW
INDUSTRIAL SPARK-IGNITED GENERATOR SET
EPA Certified Stationary Emergency



Standby Power Rating
50 kW, 83 kVA, 60 Hz

Prime Power Rating*
45 kW, 56 kVA, 60 Hz



Image used for illustration purposes only

Codes and Standards

Generac products are designed to the following standards:

- UL2200, UL508, UL489
- CSA 22.2
- BS5514 and DIN 6271
- SAE J1349
- NFPA 37, 70, 99, 110
- NEC700, 701, 702, 708
- ISO 3046, 7637, 8528, 9001
- NEMA ICS10, MG1, 250, ICS6, AB1
- ANSI C62.41
- IBC 2009, CBC 2010, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)

Powering Ahead

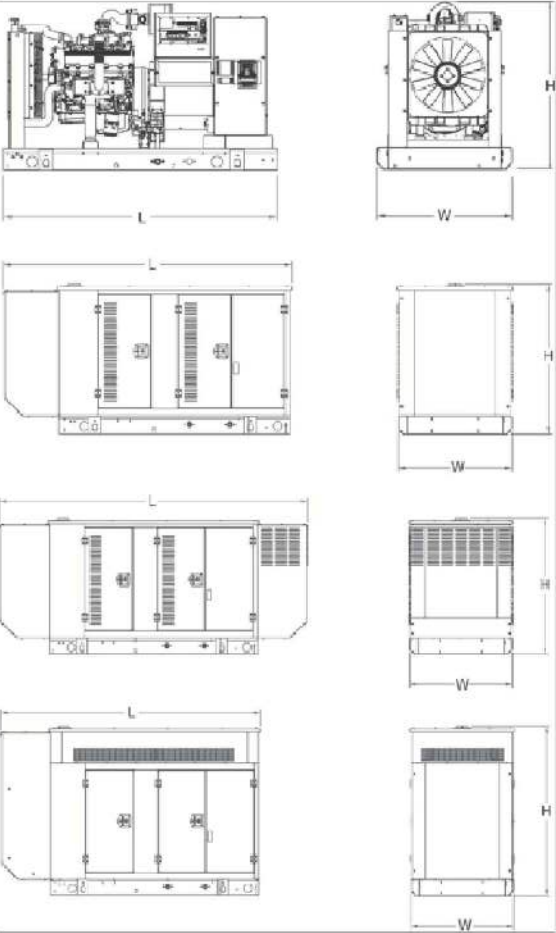
Generac ensures superior quality by designing and manufacturing most of its generator components, such as alternators, enclosures, control systems and communications software. Generac also makes its own spark-ignited engines, and you'll find them on every Generac gaseous-fueled generator. We engineer and manufacture them from the block up — all at our facilities throughout Wisconsin. Applying natural gas and LP-fueled engines to generators requires advanced engineering expertise to ensure reliability, durability and necessary performance. By designing specifically for these dry, hotter-burning fuels, the engines last longer and require less maintenance. Building our own engines also means we control every step of the supply chain and delivery process, so you benefit from single-source responsibility.

Plus, Generac Industrial Power's distribution network provides all parts and service so you don't have to deal with third-party suppliers. It all leads to a positive owner experience and higher confidence level. Generac spark-ignited engines give you more options in commercial and industrial generator applications as well as extended run time from utility-supplied natural gas.

SG050 | 5.4L | 50 kW
INDUSTRIAL SPARK-IGNITED GENERATOR SET
EPA Certified Stationary Emergency



DIMENSIONS AND WEIGHTS*



OPEN SET (Includes Exhaust Flex)

L x W x H - in (mm)	76.0 (1,930.0) x 37.4 (950.0) x 46.3 (1,176.0)
Weight - lbs (kg)	2,256 (1,023)

STANDARD ENCLOSURE

L x W x H - in (mm)	84.3 (2,108.9) x 38.0 (965.1) x 49.5 (1,258.1)
Weight - lbs (kg)	Steel: 2,697 (1,223) Aluminum: 1,754 (795)

LEVEL 1 ACOUSTIC ENCLOSURE

L x W x H - in (mm)	112.5 (2,857.1) x 38.0 (965.1) x 49.5 (1,258.1)
Weight - lbs (kg)	Steel: 2,776 (1,263) Aluminum: 2,508 (1,138)

LEVEL 2 ACOUSTIC ENCLOSURE

L x W x H - in (mm)	84.3 (2,108.9) x 38.0 (965.1) x 69.1 (1,755.0)
Weight - lbs (kg)	Steel: 2,926 (1,328) Aluminum: 2,574 (1,168)

* All measurements are approximate and for estimation purposes only.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

Specification characteristics may change without notice. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings.

Generac Power Systems, Inc. | P.O. Box 8 | Waukegan, WI 53189
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Part No. 04284
Rev. D 11/16/17

SPEC SHEET
1 of 6

SPEC SHEET
3 of 6

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-601	0

NOTICE

DISCONNECT FOR
UTILITY POWER TO
GENERATOR IS LOCATED
INSIDE THIS ENCLOSURE

CAUTION: TWO
SOURCES OF SUPPLY.
STANDBY
GENERATOR
LOCATED OUTDOOR.

WARNING

SHOCK HAZARD EXISTS IF
GROUNDING ELECTRODE CONDUCTOR
OR BONDING JUMPER CONNECTION IN
THIS EQUIPMENT IS REMOVED WHILE
ALTERNATE SOURCE(S) IS ENERGIZED

1 REQUIRED SIGNS
SCALE: N.T.S.

SUPPLEMENTAL

SHEET NUMBER:
R-602

REVISION:
0



**THIS UNIT MAY START
AUTOMATICALLY. FOLLOW
OPERATING PROCEDURES TO
DISABLE AUTO-START FUNCTION ON
ALL AVAILABLE A.T.S. BEFORE
SERVICING**

**ACCESS
BY AUTHORIZED
PERSONNEL ONLY**

1 REQUIRED SIGNS
SCALE: N.T.S.

SUPPLEMENTAL

SHEET NUMBER: R-603	REVISION: 0
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