

VERIZON SITE NUMBER: 228807

COMMERCE VERIZON SITE NAME:

SITE TYPE:

185'-6" **TOWER HEIGHT:**

BUSINESS UNIT #: 846219

682 SOUTHWEST COMMERCE DRIVE **SITE ADDRESS:** LAKE CITY, FL 32025

COLUMBIA COUNTY:

COLUMBIA COUNTY JURISDICTION:

LOCATION MAP

Windsong Apartmer

Planet Fitness

SW Mary Ethel Ln

Tellus Self Storage

hn Kasak - State

TEMPLE TERRACE, FL 3363





1080 HOLCOMB BRIDGE ROAD BUILDING 100, SUITE 350 ROSWELL, GA 30076 TEL: 678-990-2338 FAX: 678-990-2342

VERIZON SITE NUMBER: 228807

sw Man

OFLAKE

BU #: **846219 FAIRGROUNDS**

682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

EXISTING 185'-6" GUYED

ISSUED FOR:					
REV	DATE	DRWN	DESCRIPTION	DES./QA	
0	02/04/22	SJH	FINAL	MDS	



AD K. PARSA, P.E. ON THE DATE ADJACENT TO THE SEAL ITED COPIES OF THIS DOCUMENT ARE NOT CONSIDERE ED AND SEALED AND THE SIGNATURE MUST BE IFIED ON ANY ELECTRONIC COPIES.

T IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT

REVISION:

VERIZON SUB 6-GHZ

SITE INFORMATION

FAIRGROUNDS

CROWN CASTLE USA INC.

SITE ADDRESS: 682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

COUNTY: COLUMBIA MAP/PARCEL#: 02-4S-16-02717-000 AREA OF CONSTRUCTION: EXISTING LATITUDE: 30° 10' 26.43" LONGITUDE -82° 40' 49.87

LAT/LONG TYPE: GROUND ELEVATION: CURRENT ZONING:

IURISDICTION: COLUMBIA COUNTY

OCCUPANCY CLASSIFICATION: U

TYPE OF CONSTRUCTION:

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

NAD83

PROPERTY OWNER: COLUMBIA COUNTY RESOURCE, INC.

P.O. BOX 1376

LAKE CITY, FL 32056

TOWER OWNER: CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317

VERIZON WIRELESS CARRIER/APPLICANT

7701 EAST TELECOM PARKWAY WING A-1 TEMPLE TERRACE, FL 33637

ELECTRIC PROVIDER

CONTACTS:

TELCO PROVIDER:

DRAWING INDEX SHEET# SHEET DESCRIPTION TITLE SHEET GENERAL NOTES T-2 SITE PLAN EQUIPMENT PLAN C-2 TOWER ELEVATION & ANTENNA PLANS EQUIPMENT SCHEDULE C-3 EQUIPMENT SPECS C-4 EQUIPMENT SPECS GROUNDING DETAILS GROUNDING DETAILS ONE-LINE DIAGRAM/PANEL SCHEDULE

GUYED

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 1X17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OF BE RESPONSIBLE FOR SAME

CONTRACTOR PMI REQUIREMENTS

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY

TOWER SCOPE OF WORK

- REMOVE (3) ANTENNAS
- REMOVE (3) RRUs
- INSTALL (9) ANTENNAS
- INSTALL (6) RRUs
- INSTALL (1) OVP
- INSTALL (1) 1-5/8" HYBRID CABLE INSTALL (6) SITEPRO1 CLAMPS
- RELOCATE (3) EXISTING TIE BACK CONNECTIONS TO MOUNT AND TOWER

GROUND SCOPE OF WORK

- REMOVE (1) 6201 CABINET
- REMOVE (1) CDMA CABINET
- REMOVE EXISTING BATTERIES INSTALL (1) -48 STRING OF EAST PENN AVR 95-21
 - BATTERIES OR EQUIVALENT INSTALL (1) -48 DC PLANT
- REMOVE (12) RRUs
- REMOVE (1) ATS
- INSTALL (1) ILC
- REMOVE (1) 35 kW GENERATOR
- INSTALL (1) 50 kW GENERATOR

- CONTRACTOR TO CONFIRM LATEST RFDS VERSION WITH VERIZON PRIOR TO WORK COMMENCEMENT
- PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN NOC AT (800) 788-7011 & CROWN

NO SCALE APPLICABLE CODES/REFERENCE DOCUMENTS

PROJECT TEAM

A&E FIRM: CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG, PA 15317

CROWNAE.APPROVAL@CROWNCASTLE.COM

CROWN CASTLE 8000 AVALON BLVD, SUITE 700 USA INC. DISTRICT ALPHARETTA, GA 30009

> DEREK SMITH - PROJECT MANAGER (561) 544-4972

SMART TOOL VENDOR PROIECT NUMBER

VzW LOCATION CODE (PSLC)

https://pmi.vxwsmart.com

*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED

VzW APPROVED SMART KIT VENDORS

REFER TO MOUNT MODIFICATION DRAWINGS PAGE FOR VzW SMART KIT APPROVED VENDORS

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO

PERMIT WORK NOT CONFORMING TO THESE CODES: CODE TYPE 2020 FLORIDA BUILDING CODE, 7th EDITION BUILDING

MECHANICAI 2018 TMC ELECTRICAL 2017 NEC

SEISMIC RESPONSE:

APPLICABLE CODES: TIA-222-H / ASCE 7-16
WIND SPEED: V = 118 MPH (ULTIMATE 3 SECOND GUST)
EXPOSURE CATEGORY: II

REFERENCE DOCUMENTS STRUCTURAL ANALYSIS: BY OTHERS

DATED

MOUNT ANALYSIS: PAUL J. FORD & COMPANY DATED: 09/01/21

RFDS REVISION: DATED: 08/11/21 ORDER ID: 567455 REVISION:



(800) 432-4770 CALL 3 WORKING DAYS

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

- NOTICE TO PROCEED- NO WORK SHALL COMMENCE PRIOR TO CROWN CASTLE USA INC. WRITTEN NOTICE TO PROCEED (NTP) AND THE ISSUANCE OF A PURCHASE ORDER. PRIOR TO ACCESSING/ENTERING THE STUDY OF THE CONTACT THE CROWN CASTLE USA INC. NOC AT 800-788-7011 & THE CROWN CASTLE USA INC. CONSTRUCTION MANAGER.
- "LOOK UP" CROWN CASTLE USA INC. SAFETY CLIMB REQUIREMENT: THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. TOWER MODIFICATION, MOUNT REINFORCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OR FEINTORGEMENTS, AND/OW EQUIPMENT INSTALLATIONS STALL NOT COMPROMISE THE INTEGRIT OF FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE ROPE, BENDING OF THE WIRE ROPE FROM ITS SUPPORTS, DIRECT CONTACT OR CLOSE PROXIMITY TO THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR CROWN CASTLE USA INC. POC OR CALL THE NOC TO GENERATE A SAFETY CLIM MAINTENANCE AND CONTRACTOR NOTICE TICKET.
- PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED. THIS INCLUDES, BUT IS NOT LIMITED TO, BUILDING, ELECTRICAL, MECHANICAL, FIRE, FLOOD ZONE, ENVIRONMENTAL, AND ZONING. AFTER ONSITE ACTIVITIES AND CONSTRUCTION ARE COMPLETED, ALL REQUIRED PERMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REQUIREMENTS
- ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN, AND SHALL MEET ANSI/ASSE A10.48 (LATEST EDITION); FEDERAL, STATE, AND LOCAL REGULATIONS; AND ANY APPLICABLE INDUSTRY CONSENSUS STANDARDS RELATED TO THE CONSTRUCTION ACTIVITIES BEING PERFORMED. ALL RIGGING PLANS SHALL ADHERE TO ANSI/ASSE A10.48 (LATEST EDITION) AND CROWN CASTLE USA INC. STANDARD CED-STD-10253, INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA-322
- ALL SITE WORK TO COMPLY WITH DAS-STD-10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE," CED-STD-10294 "STANDARD FOR INSTALLATION OF MOUNTS AND APPURTENANCES," AND LATEST VERSION OF ANSI/TIA-1019-A-2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS." IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR
- SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
- PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
 ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE
 CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND
 COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC
 AUTHORITY REGARDING THE PERFORMANCE OF THE WORK, ALL WORK CARRIED OUT SHALL COMPLY WITH
 ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- RECOMMENDATIONS ONLESS SPECIFICALLY STATED OTHERWISE.

 9. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.

 10. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E) CONSTRUCTION SAFETY PROCEDURES
- CONSTRUCTION SAFETY PROCEDURES.
 ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT
 SPECIFICATIONS, LATEST APPROVED REVISION.
 CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT
 THE COMPLETION OF THE WORK. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER
 REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
 ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE
- EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF CONTRACTOR, TOWER OWNER, CROWN CASTLE USA INC., AND/OR LOCAL UTILITIES.
- THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE REQUIRED BY LOCAL JURISDICTION AND SIGNAGE REQUIRED ON INDIVIDUAL PIECES OF EQUIPMENT, ROOMS, AND SHELTERS.
- THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT
- THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
- SURFACE APPLICATION.

 THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DRAWINGS AND/OR PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION FROSION CONTRO SURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES : EROSION AND SEDIMENT CONTROL.
- THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION
- 20. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.

 CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED.
- FROM SITE ON A DAILY BASIS.
- NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

GENERAL NOTES:

- FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:
 CONTRACTOR: GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION
 CARRIER: VERIZON
 VERIZON
- OWER OWNER: CROWN CASTLE USA INC.
- TOWER OWNER: CROWN CASTLE USA INC.

 THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. IT IS ASSUMED THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKPEOPLE WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
- MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
 THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY FOR PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, FORMWORK, SHORING, ETC. SIE VISITS BY THE ENGINEER OR HIS PREPERSENTATIVE WILL DOWN INCLUDE INSPECTION OF THESE ITEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY.
- INSPECTION OF THESE HEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY.

 NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL

 DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT,
 AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCES COCUR BETWEEN PLANS, DETAILS,
 GENERAL NOTES, AND SPECIFICATIONS, THE GREATER, MORE STRICT REQUIREMENTS, SHALL GOVERN. IF FURTHER
 CLARIFICATION IS REQUIRED CONTACT THE ENGINEER OF RECORD.

 SUBSTANTIAL EFFORT HAS BEEN MADE TO PROVIDE ACCURATE DIMENSIONS AND MEASUREMENTS ON THE DRAWINGS TO
- ASSIST IN THE FABRICATION AND/OR PLACEMENT OF CONSTRUCTION ELEMENTS BUT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE DIMENSIONS, MEASUREMENTS, AND/OR CLEARANCES SHOWN IN THE CONSTRUCTION DRAWINGS PRIOR TO FABRICATION OR CUTTING OF ANY NEW OR EXISTING CONSTRUCTION ELEMENTS. F IT IS DETERMINED THAT THERE ARE DISCREPANCIES AND/OR CONFLICTS WITH THE CONSTRUCTION DRAWINGS THE
- IF IT IS DETERMINED THAT THERE ARE DISCREPANCIES AND/OR CONFLICTS WITH THE CONSTRUCTION DRAWINGS THE ENGINEER OF RECORD IS TO BE NOTHED AS SOON AS POSSIBLE.

 PRIOR TO THE SUBMISSION OF BIOS, THE BIDDING CONTRACTOR SHALL WIST THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CROWN CASTLE.

 ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE WUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.

 UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.

 THE CONTRACTOR SHALL INSTALLAL LEQUIPMENT AND MATERIALS, IN ACCORDANCE WITH MANUFACTURER'S

- THE CONTRACTOR SHALL INSTALLAL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CARRIER AND CROWN CASTLE PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.

 CONTRACTOR IS TO PEFFORM A SITE INVESTIGATION AND IS TO DETERMINE THE BEST ROUTING OF ALL CONDUITS FOR POWER, AND TELCO AND FOR GROUNDING CABLES AS SHOWN IN THE POWER, TELCO, AND GROUNDING PLAN
- HE CONTRACTOR SHALL PROTECT EXISTING IMPROVEM<mark>ENTS. PAVEMENTS. CURBS. LANDS</mark>CAPING AND STRUCTURES. ANY
- DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF GROWN CASTLE USA INC. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION
- CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST—IN—PLACE CONCRETE.
 UNLESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000 psf.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE. NO MORE THAN 90 MINUTES SHALL ELAPSE FROM BATCH TIME TO TIME OF PLACEMENT UNLESS APPROVED BY THE ENGINEER OF RECORD. TEMPERATURE OF CONCRETE SHALL NOT EXCEED 90'F AT TIME OF PLACEMENT.
- CONCRETE EXPOSED TO FREEZE—THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES. AMOUNT OF AIR ENTRAINMENT TO BE BASED ON SIZE OF AGGREGATE AND F3 CLASS EXPOSURE (VERY SEVERE). CEMENT USED TO BE TYPE II PORTLAND CEMENT WITH A MAXIMUM WATER-TO-CEMENT RATIO (W/C) OF 0.45.
- ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185. ALL SPLICES SHALL BE CLASS "B" TENSION SPLICES, UNLESS NOTED OTHERWISE. ALL HOOKS SHALL BE STANDARD 90 DEGREE HOOKS, UNLESS NOTED OTHERWISE. YIELD STRENGTH (Fy) OF STANDARD DEFORMED BARS ARE AS FOLLOWS: #4 BARS AND SMALLER
- ON DRAWINGS CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH...
- CONCRETE EXPOSED TO EARTH OR WEATHER
 #6 BARS AND LARGER..... #5 BARS AND SMALLER. ..1-1/2"
- CONCRETE NOT EXPOSED TO FARTH OR WEATHER: BEAMS AND COLUMNS.
- A TOOLED EDGE OR A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

GREENFIELD GROUNDING NOTES:

- ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC
- THE CONTRACTOR SHALL PERFORM IEEE FALL—OF—POTENTAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.

 THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE
- METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT
- WETAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
- EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BTS.
- CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
- ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
 ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
 USE OF 90' BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45' BENDS CAN BE ADEQUATELY SUPPORTED.
 EXCITERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.

- ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.

 COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.

 ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.

- RE BRIDGE BONDING CONDUCTORS SHALL BE EXCHERMICALLY BONDED OR BOLIED TO THE BRIDGE AND THE TOWER GROUND BAR.

 APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.

 ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.

 MISCELLANGOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.

 BOND ALL METALLIC OBJECTS WITHIN 6 ft OF MAIN GROUND RING WITH (1) #2 BARE SOLD TINNED COPPER GROUND CONDUCTORS.

 GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS,

 METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET COPE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (i.e., NONMETALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.

 ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE GRADE MUST BE #2 BARE SOLID TINNED COPPER IN 3/4" NON-METALLIC, FLEXIBLE CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD-WELD TERMINATION
- POINT. THE EXPOSED END OF THE CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL).
 BUILDINGS WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE CONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP, TOWERS, AND WATER TOWERS GROUNDING RING, TO THE EXISTING GROUNDING SYSTEM, THE GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN 2/O COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS, LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY).

ELECTRICAL INSTALLATION NOTES:

- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE
- FEDERAL, STATE, AND LOCAL CODES/ORDINANCES.
 CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED.
- AND TRIP HAZARDS ARE FLIMINATED

- AND TRIP HAZARDS ARE ELIMINATED.
 WIRING, RACEWAY AND SUPPORT WEHTHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
 ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
 I. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO
 REQUIREMENT OF THE NATIONAL ELECTRICAL CODE.
 2. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING THAT SHALL BE GREATER THAN THE SHORT
 CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 22,000 AIC MINIMUM. VERYIFY AVAILABLE SHORT CIRCUIT CURRENT DOES
 NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADOPTED CODE PRE THE GOVERNING JURISDICTION.
 EACH END OF EVERY POWER PHASE CONDUCTOR, GROUNDING CONDUCTOR, AND TELCO CONDUCTOR OR CABLE SHALL BE
- LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2" PLASTIC ELECTRICAL TAPE WITH UV
- PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC AND OSHA.
 ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH LAMICOID TAGS SHOWING THEIR RATED VOLTAGE, PHASE CIRCUIT ID'S).

- PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
 ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
 ALL POWER AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE COPPER CONDUCTOR (#14 OR LARGER)
 WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, FHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.
- SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE COPPER CONDUCTOR (#6 OR LARGER) WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.

 POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI-CONDUCTOR, TYPE SOOW CORD (#14 OR LARGER) UNLESS
- OTHERWISE SPECIFIED.
- POWER AND CONTROL WIRING FOR USE IN CABLE TRAY SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (#14 OR LARGER), WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS ANI BETTS (OR EQUAL). LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION NOT LESS THAN 75' C (90' C IF AVAILABLE).
- RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL. ANSI/IEEE
- 15. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR
- EXPOSED INDOOR LOCATIONS.
- ELECTRICAL METALLIC TUBING (EMT) OR METAL—CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.

 SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/90s AND ALL APPROVED ABOVE
- GRADE PVC CONDUIT. 18. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION
- COURS OR FLEXIBLE WEIGHT SINCEDED.

 COURS OR FLEXIBILITY IS NEEDED.

 CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION—TYPE AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
- 20. CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND
- WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS
- (WIREMOLD SPECMATE WIREWAY).
 SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
- SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUIAL).

 CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON-PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER-ACTUATED) FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO ROUTE AROUND OBSTACLES SHALL BE MADE WITH CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE RIGHDY CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE RIGHDY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY—COATED SHEET STEEL. SHALL MEET OR EXCEED UL 50 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND NEMA 3R (OR BETTER) FOR EXTERIOR LOCATIONS.
- BETTER) FOR EXTERIOR LOCATIONS.
- METAL RECEPTACLE, SWITCH AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY—COATED OR NON—CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS
- NONMETALLIC RECEPTACLE, SWITCH AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2 (NEWEST REVISION) AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
- THE CONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CARRIER AND/OR CROWN CASTLE USA INC.
 BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
 THE CONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE
 WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD LIFE AND PROPERTY.
- INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "VERIZON"
- ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

CONDUCTOR COLOR CODE					
CONDUCTOR	COLOR				
A PHASE	BLACK				
B PHASE	RED				
NEUTRAL	WHITE				
GROUND	GREEN				
A PHASE	BLACK				
B PHASE	RED				
C PHASE	BLUE				
NEUTRAL	WHITE				
GROUND	GREEN				
A PHASE	BROWN				
B PHASE	ORANGE OR PURPLE				
C PHASE	YELLOW				
NEUTRAL	GREY				
GROUND	GREEN				
POS (+)	RED**				
NEG (-)	BLACK**				
	CONDUCTOR A PHASE B PHASE NEUTRAL GROUND A PHASE C PHASE NEUTRAL GROUND A PHASE C PHASE NEUTRAL GROUND A PHASE C PHASE B PHASE C PHASE NEUTRAL GROUND POS (+) NEG (-)				

* SEE NEC 210.5(C)(1) AND (2)
** POLARITY MARKED AT TERMINATION

WHITE PROPOSED EXCAVATION TEMPORARY SURVEY MARKINGS ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLES YELLOW GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIALS COMMUNICATION, ALARM OR SIGNAL LINES, CABLES, OR CONDUIT AND TRAFFIC LOOPS POTABLE WATER

UMTS W.P.

ΔΝΙΤΕΝΙΝΙΔ EXISTING FACILITY INTERFACE FRAME GEN GPS GSM LTE MGB MW GENERATOR GLOBAL POSITIONING SYSTEM GLOBAL SYSTEM FOR MOBILE LONG TERM EVOLUTION MASTER GROUND BAR MICROWAVE (N) NEC NEW NATIONAL ELECTRIC CODE (P) PROPOSED POWER PLANT QTY RECT QUANTITY RECTIFIER RADIO BASE STATION RADIO BASE STATION
REMOTE ELECTRIC TILT
RADIO FREQUENCY DATA SHEET
REMOTE RADIO HEAD
REMOTE RADIO UNIT
SMART INTEGRATED DEVICE TOWER MOUNTED AMPLIFIER

UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM

APWA UNIFORM COLOR CODE:

RECLAIMED WATER, IRRIGATION, AND SLURRY LINES

SEWERS AND DRAIN LINES







ALPHARETTA, GA 30009

BUILDING 100, SUITE 350 ROSWELL, GA 30076 TEL: 678-990-2338 FAX: 678-990-2342

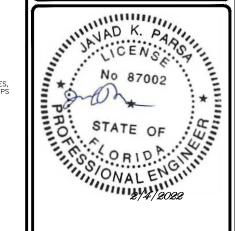
VERIZON SITE NUMBER: 228807

> BU #: **846219 FAIRGROUNDS**

682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

EXISTING 185'-6" GUYED

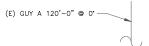
E			ISSU	ED FOR:	
	REV	DATE	DRWN	DESCRIPTION	DES./Q
	0	02/04/22	SJH	FINAL	MDS

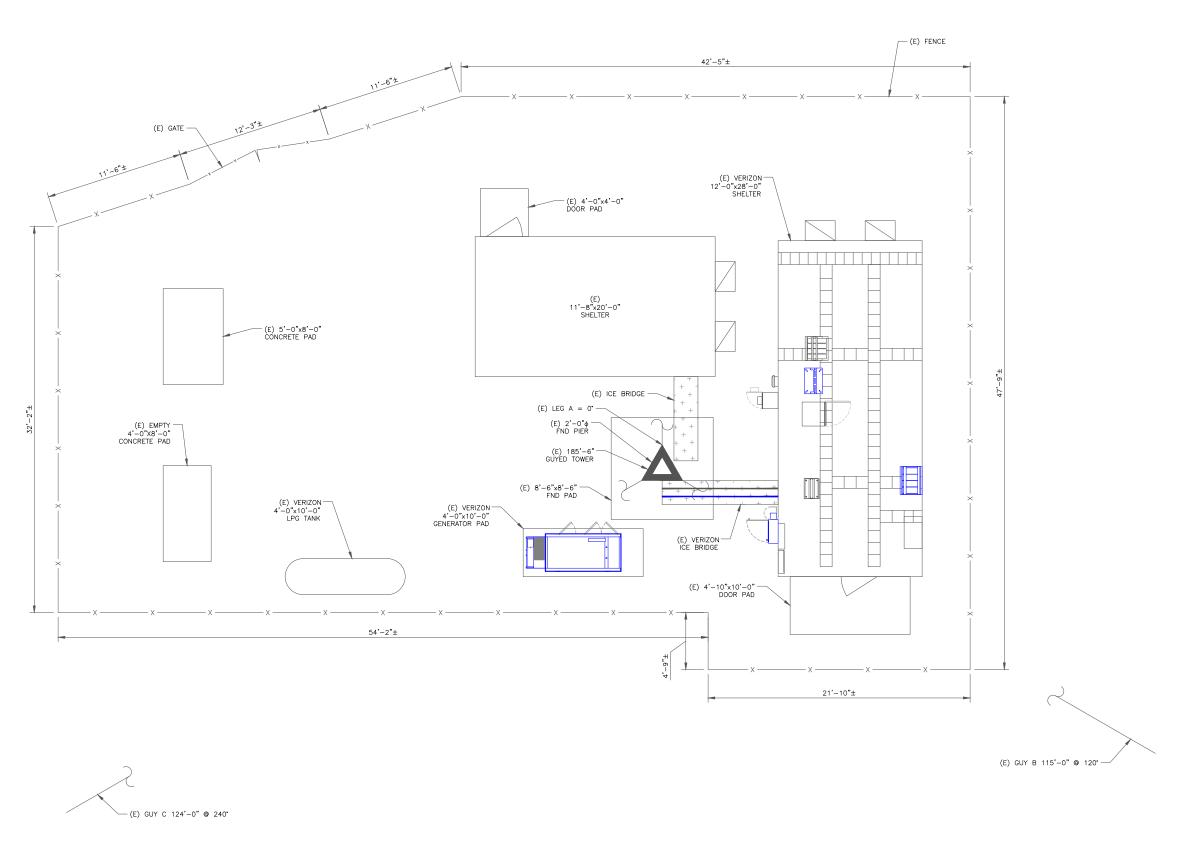


IIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY AD K. PARSA, P.E. ON THE DATE ADJACENT TO THE SEA INTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERE NED AND SEALED AND THE SIGNATURE MUST BE ERIFIED ON ANY ELECTRONIC COPIES.

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. TO ALTER THIS DOCUMENT

SHEET NUMBER:











1080 HOLCOMB BRIDGE ROAD BUILDING 100, SUITE 350 ROSWELL, GA 30076 TEL: 678-990-2338 FAX: 678-990-2342

VERIZON SITE NUMBER: 228807

> BU #: **846219 FAIRGROUNDS**

682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

EXISTING 185'-6" GUYED

	ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./QA	
0	02/04/22	SJH	FINAL	MDS	



HIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY WAD K. PARSA, P.E. ON THE DATE ADJACENT TO THE SEAL. RINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDEREI IGNED AND SEALED AND THE SIGNATURE MUST BE ERRIFED ON ANY ELECTRONIC COPIES.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

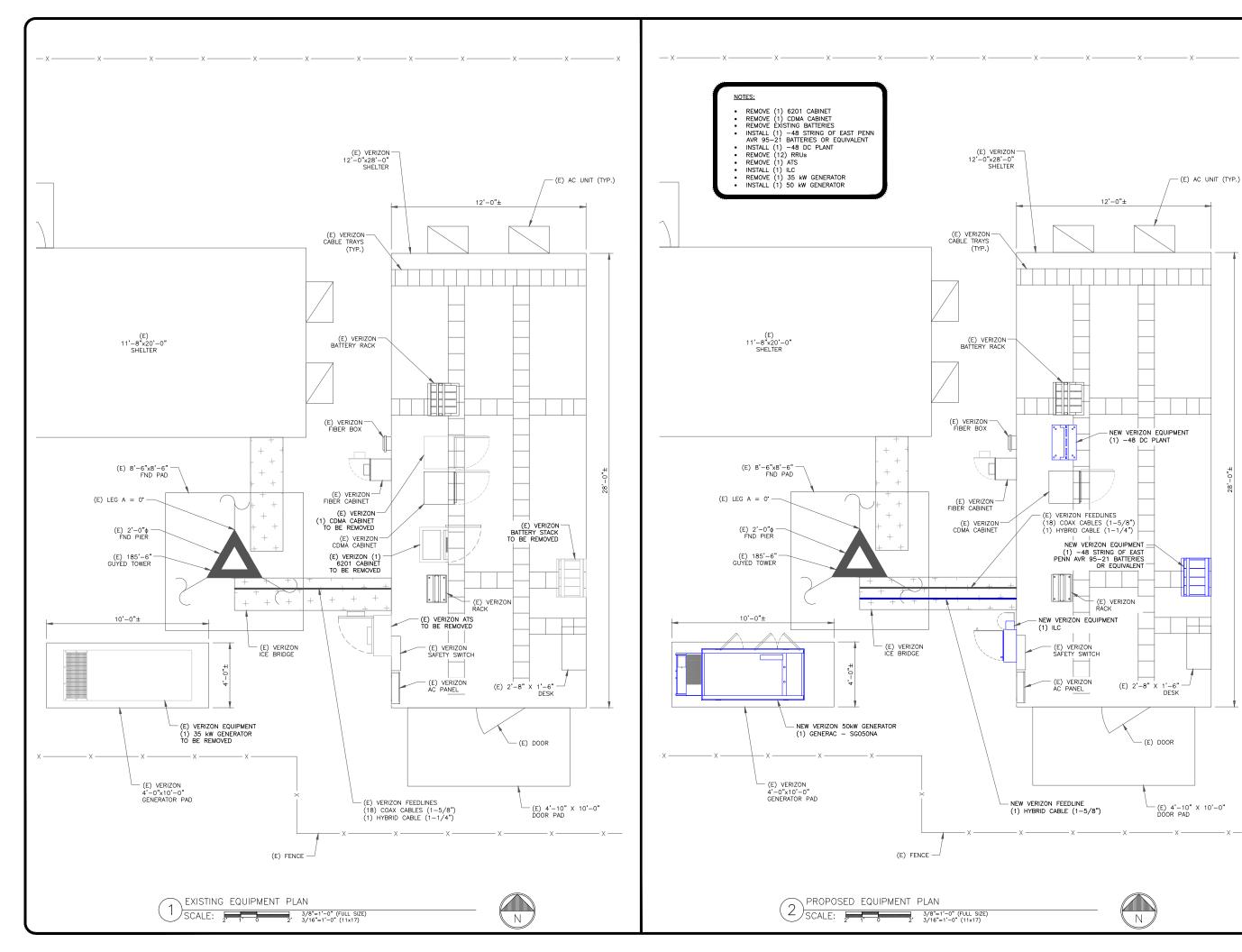
SHEET NUMBER:

REVISION:



SITE PLAN











ALPHARETTA, GA 30009

1080 HOLCOMB BRIDGE ROAD BUILDING 100, SUITE 350 ROSWELL, GA 30076 TEL: 678-990-2338 FAX: 678-990-2342

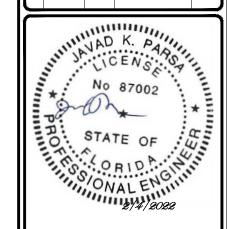
VERIZON SITE NUMBER: 228807

> BU #: **846219 FAIRGROUNDS**

682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

EXISTING 185'-6" GUYED

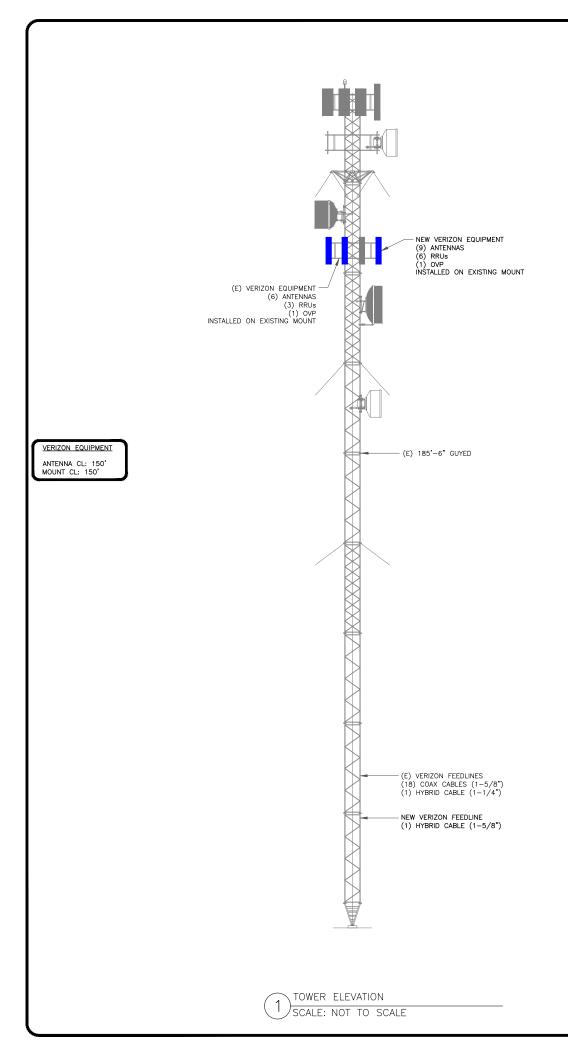
ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	02/04/22	SJH	FINAL	MDS

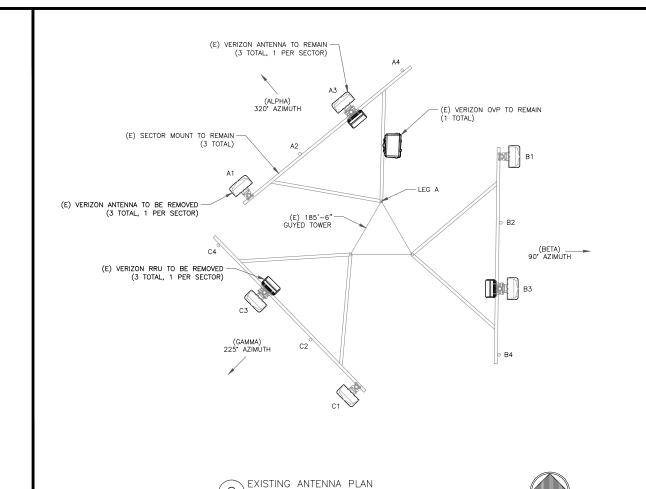


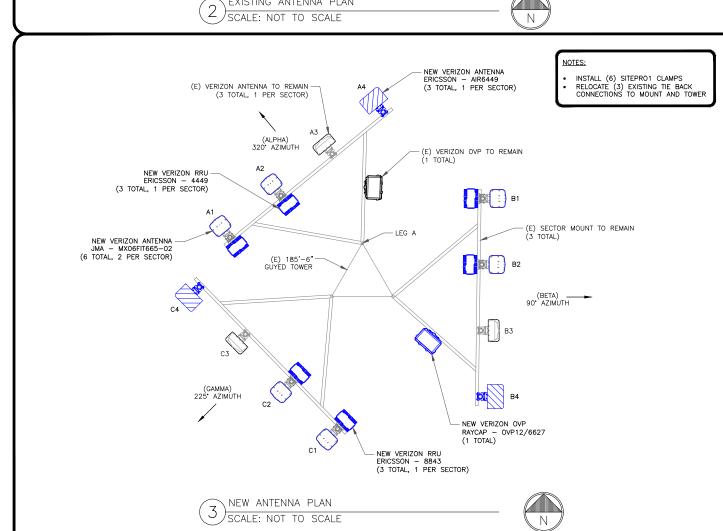
IIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY IS THEM HAS BEEN DIGHTALLT SIGNED AND SEALED BY VAD K. PARSA, P.E. ON THE DATE ADJACENT TO THE SEAL INTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERE GNED AND SEALED AND THE SIGNATURE MUST BE RIFIED ON ANY ELECTRONIC COPIES.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER:













1080 HOLCOMB BRIDGE ROAD BUILDING 100, SUITE 350 ROSWELL, GA 30076 TEL: 678-990-2338 FAX: 678-990-2342

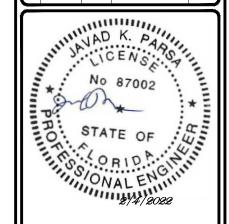
VERIZON SITE NUMBER: 228807

BU #: **846219 FAIRGROUNDS**

682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

EXISTING 185'-6" GUYED

_				_
ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	02/04/22	SJH	FINAL	MDS



ITHIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY AVAD K. PARSA, P.E. ON THE DATE ADJACENT TO THE SEAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER:

C-2

FINAL EQUIPMENT SCHEDULE							
SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	NEW	JMA	MX06FIT665-02	150'	320°	ERICSSON	(1) RADIO 8843
A2	NEW	JMA	MX06FIT665-02	150'	320°	ERICSSON	(1) RADIO 4449
A3	EXISTING	CSS ANTENNA	X7CQAP-665-V	150'	320°	RAYCAP	(1) RHSDC-3315-PF-48
A4	NEW	ERICSSON	AIR6449	150'	320°	-	-
B1	NEW	JMA	MX06FIT665-02	150'	90•	ERICSSON	(1) RADIO 8843
B2	NEW	JMA	MX06FIT665-02	150'	90•	ERICSSON	(1) RADIO 4449
В3	EXISTING	CSS ANTENNA	X7CQAP-665-V	150'	90°	RAYCAP	(1) OVP12/6627
B4	NEW	ERICSSON	AIR6449	150'	90•	-	-
C1	NEW	JMA	MX06FIT665-02	150'	225*	ERICSSON	(1) RADIO 8843
C2	NEW	JMA	MX06FIT665-02	150'	225*	ERICSSON	(1) RADIO 4449
C3	EXISTING	CSS ANTENNA	X7CQAP-665-V	150'	225*	-	-
C4	NEW	ERICSSON	AIR6449	150'	225°	-	-

FINAL CABLE SCHEDULE				
STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	200'-0"±	18
EXISTING	HYBRID	1-1/4"	200'-0"±	1
NEW	HYBRID	1-5/8"	200'-0"±	1
TOTAL CABLE QTY: 20				

REFER TO RFDS FOR ELECTRICAL & MECHANICAL DOWNTILTS







1080 HOLCOMB BRIDGE ROAD BUILDING 100, SUITE 350 ROSWELL, GA 30076 TEL: 678-990-2338 FAX: 678-990-2342

VERIZON SITE NUMBER: 228807

> BU #: **846219 FAIRGROUNDS**

682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

EXISTING 185'-6" GUYED

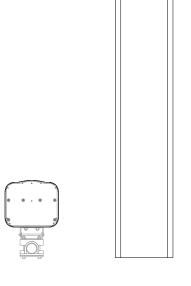
				_
ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	02/04/22	SJH	FINAL	MDS



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JAVAD K. PARSA, P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

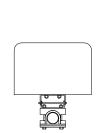
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER:



JMA WIRELESS — MX06FIT665—02 WEIGHT: 58.0 LBS SIZE (HxWxD): 71.3x12.2x10.7 IN.

JMA WIRELESS - MX06FIT665-02 SCALE: NOT TO SCALE



ERICSSON — AIR6449 WEIGHT: 104.0 LBS SIZE (HxWxD): 33.1x20.6x8.6 IN.

ERICSSON - AIR6449 ERICSSUN - AII.04-10
SCALE: NOT TO SCALE



ERICSSON - RADIO 8843 WEIGHT: 71.9 LBS SIZE (HxWxD): 18.0x13.2x11.1 IN.

ERICSSON - RADIO 8843 SCALE: NOT TO SCALE







1080 HOLCOMB BRIDGE ROAD BUILDING 100, SUITE 350 ROSWELL, GA 30076 TEL: 678-990-2338 FAX: 678-990-2342

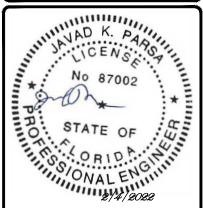
VERIZON SITE NUMBER: 228807

> BU #: **846219 FAIRGROUNDS**

682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

EXISTING 185'-6" GUYED

ſ	ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./Q/	
0	02/04/22	SJH	FINAL	MDS	



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY AVAD K. PARSA, P.E. ON THE DATE ADJACENT TO THE SEAL. RINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDEREI IGNED AND SEALED AND THE SIGNATURE MUST BE PERIFIED ON ANY ELECTRONIC COPIES.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER:

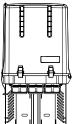
REVISION:



ERICSSON – RADIO 4449 WEIGHT: 67.2 LBS SIZE (HxWxD): 17.9x13.2x9.3 IN.

ERICSSON - RADIO 4449 (4) SCALE: NOT TO SCALE





RAYCAP OVP12/6627 WEIGHT: 32.0 LBS SIZE (HxWxD): 28.93x15.73x10.31 IN.

RAYCAP - OVP12/6627 SCALE: NOT TO SCALE

NOT USED

(6) SCALE: NOT TO SCALE

INDUSTRIAL SPARK-IGNITED GENERATOR SET

GENERAC INDUSTRIAL

EPA Certified Stationary

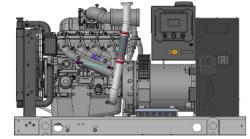
Standby Power Rating

50 kW, 63 kVA, 60 Hz

Demand Response Rating 50 kW, 63 kVA, 60 Hz

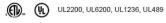
Prime Power Rating 45 kW, 56 kVA, 60 Hz





Codes and Standards

Not all codes and standards apply to all configurations. Contact



CSA C22.2







NFPA 37, 70, 99, 110

ANSI C62.41



NEC700, 701, 702, 708



ISO 3046, 7637, 8528, 9001



NEMA ICS10, MG1, 250, ICS6, AB1



IBC 2009, CBC 2010, IBC 2012, os 7pd 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 singlesource 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.

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

Make	Generac
Cylinder#	4
Гуре	In-Line
Displacement - in ³ (L)	275.0 (4.5)
Bore - in (mm)	4.5 (114.0)
Stroke - in (mm)	4.25 (107.95)
Compression Ratio	9.94:1
ntake Air Method	Naturally Aspirated
Number of Main Bearings	5
Connecting Rods	Forged Steel, Fractured Split, Bushingles
Cylinder Head	Cast Iron
Cylinder Liners	Cast Iron
gnition	Coil Near Plug Solid State Inductive
Piston Type	Cast Aluminum Flat Top
Crankshaft Type	Forged Steel
Lifter Type	Hydraulic
ntake Valve Material	Stainless Steel
Exhaust Valve Material	Stainless Steel
Hardened Valve Seats	High Steel Iron Alloy

Engine Governing

Governor	Electronic
Frequency Regulation (Steady State)	±0.25%

Lubrication System

Oil Filter Type	Full-Flow Spin-On Cartridge	
Crankcase Capacity - qt (L)	21 (20)	
Cooling System		
Cooling System Type	Pressurized Closed	
Fan Type	Pusher	
Fan Speed - RPM	2,100	
Fan Diameter - in (mm)	20 (508)	
Fuel System		
Fuel Type	Natural Gas, Propane	
Fuel Injection	Electronic	
Fuel Shut Off	Dual	
NG Operating Fuel Pressure - in H ₂	0 (kPa) 5 - 14 (1.2 - 3.5)	
LP Operating Fuel Pressure - in H ₂ (0 (kPa) 7 - 14 (1.7 - 3.5)	

Engine Electrical System

System Voltage	12 VDC	
Battery Charger Alternator	35 A	
Battery Size	See Battery Index 0161970SBY	
Battery Voltage	12 VDC	
Ground Polarity	Negative	

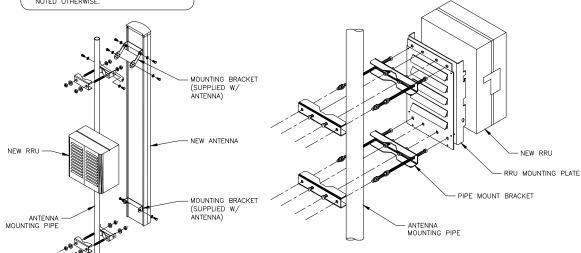
ALTERNATOR SPECIFICATIONS

Standard Model	K0050124Y21	
Poles	4	
Field Type	Revolving	
Insulation Class - Rotor	Н	
Insulation Class - Stator	Н	
Total Harmonic Distortion	<5% (3-Phase)	
Telenhone Interference Eactor (TIE)	-50	

Standard Excitation	Synchronous Brushless	
Bearings	Sealed Ball	
Coupling	Direct via Flexible Disc	
Prototype Short Circuit Test	Yes	
Voltage Regulator Type	Full Digital	
Number of Sensed Phases	All	
Regulation Accuracy (Steady State)	±0.25%	

INSTALLER NOTES:

- COMPLY WITH MANUFACTURERS INSTRUCTIONS TO ENSURE THAT ALL RRUS RECEIVE ELECTRICAL POWER WITHIN 24 HOURS OF BEING REMOVED FROM THE
- HOURS OF BEING REMOVED FROM THE MANUFACTURER'S PACKAGING. 2. DO NOT OPEN RRU PACKAGES IN THE RAIN. 3. ALL PIPES, BRACKETS, AND MISCELLANEOUS HARDWARE TO BE GALVANIZED UNLESS NOTED OTHERWISE.









ALPHARETTA, GA 30009

1080 HOLCOMB BRIDGE ROAD BUILDING 100, SUITE 350 ROSWELL, GA 30076 TEL: 678-990-2338 FAX: 678-990-2342

VERIZON SITE NUMBER: 228807

> BU #: **846219 FAIRGROUNDS**

682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

EXISTING 185'-6" GUYED

		ISSUE	D FOR:	
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	02/04/22	SJH	FINAL	MDS



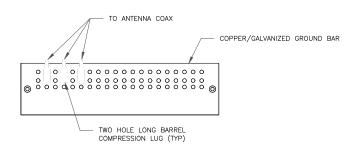
IIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY VAD K. PARSA, P.E. ON THE DATE ADJACENT TO THE SEAL INTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED ED AND SEALED AND THE SIGNATURE MUST BE ERIFIED ON ANY ELECTRONIC COPIES.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER:

REVISION:

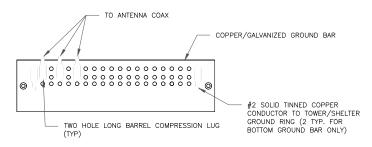
GENERAC - SG050NA LPG GENERATOR



NOTES:

- 1. DOUBLING UP "OR STACKING" OF CONNECTIONS IS NOT PERMITTED
- 2. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
- 3. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO ANTENNA MOUNT STEEL.

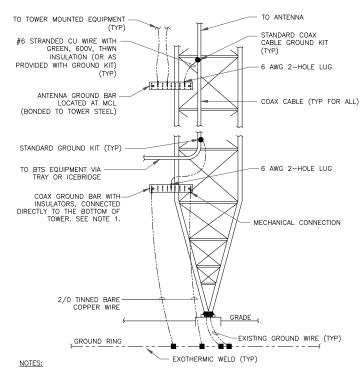
1) ANTENNA SECTOR GROUND BAR DETAIL SCALE: NOT TO SCALE



NOTES:

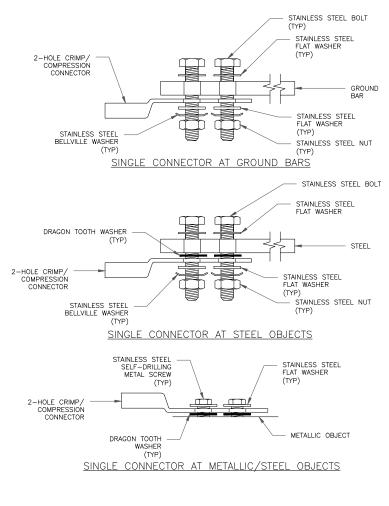
- 1. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
- 2. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER, MOUNT DIRECTLY TO TOWER STEEL (TOWER ONLY).
- 3. GROUND BAR SHALL BE ISOLATED FROM BUILDING OR SHELTER.



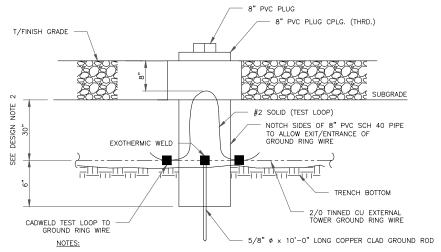


- NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATIONS AND CONNECTION ORIENTATION. COAXIAL CABLES EXCEEDING 200 FEET ON THE TOWER SHALL HAVE GROUND KITS AT THE MIDPOINT. PROVIDE AS REQUIRED.
- ONLY MECHANICAL CONNECTIONS ARE ALLOWED TO BE MADE TO CROWN CASTLE USA INC. TOWERS. ALL MECHANICAL CONNECTIONS SHALL BE TREATED WITH AN ANTI-OXIDANT COATING.
- 3. ALL TOWER GROUNDING SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF THE RECOGNIZED EDITION OF ANSI/TIA 222 AND NFPA 780.

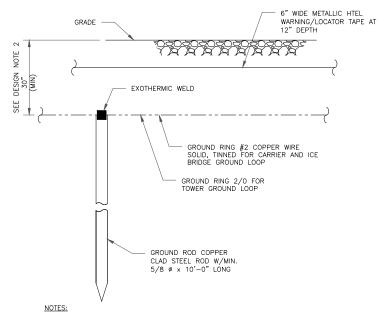
TYPICAL ANTENNA CABLE GROUNDING SCALE: NOT TO SCALE



HARDWARE DETAIL FOR EXTERIOR CONNECTIONS SCALE: NOT TO SCALE



- 1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE
- 2. GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE. (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)
- 3 INSPECTION WELL DETAIL SCALE: NOT TO SCALE



- 1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE
- VERTICAL

 GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE
 (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)

GROUND ROD DETAIL
SCALE: NOT TO SCALE







1080 HOLCOMB BRIDGE ROAD BUILDING 100, SUITE 350 ROSWELL, GA 30076 TEL: 678-990-2338 FAX: 678-990-2342

VERIZON SITE NUMBER: **228807**

BU #: **846219 FAIRGROUNDS**

682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

EXISTING 185'-6" GUYED

[ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./QA	
0	02/04/22	SJH	FINAL	MDS	

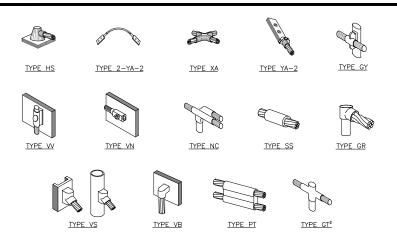


ITHIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY AND AND SEAR P.E. ON THE DATE ADJACENT TO THE SEAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERE SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER:

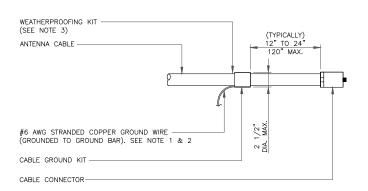
G-1



NOTE:

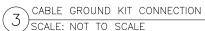
- ERICO EXOTHERMIC "MOLD TYPES" SHOWN HERE ARE EXAMPLES. CONSULT WITH CONSTRUCTION MANAGER FOR SPECIFIC MOLDS TO BE USED FOR THIS PROJECT.
 MOLD TYPE ONLY TO BE USED BELOW GRADE WHEN CONNECTING GROUND RING TO GROUND ROD.

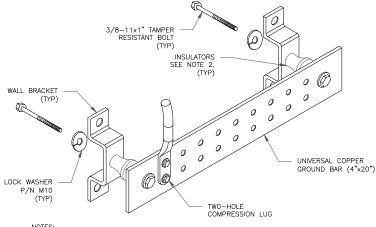
CADWELD GROUNDING CONNECTIONS SCALE: NOT TO SCALE



NOTES:

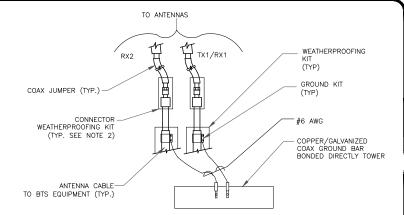
- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
- GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
- WEATHER PROOFING SHALL BE TWO-PART TAPE KIT, COLD SHRINK SHALL NOT





- 1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS—STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION, CAD—WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
- 2. OMIT INSULATOR WHEN MOUNTING TO TOWER STEEL OR PLATFORM STEEL USE INSULATORS WHEN ATTACHING TO BUILDING OR SHELTERS.

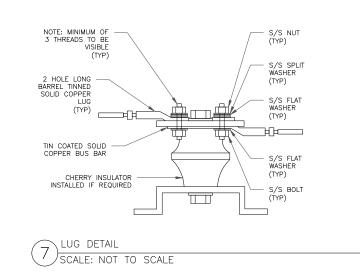
GROUND BAR DETAIL (6) SCALE: NOT TO SCALE

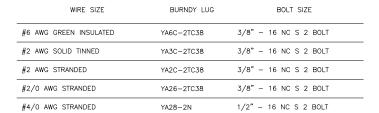


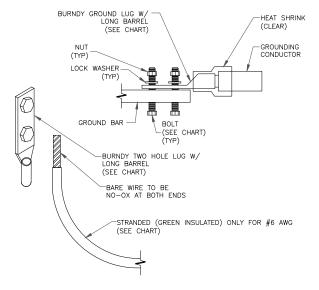
NOTES:

- 1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND
- 2. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT. COLD SHRINK SHALL NOT BE USED.

GROUND CABLE CONNECTION SCALE: NOT TO SCALE



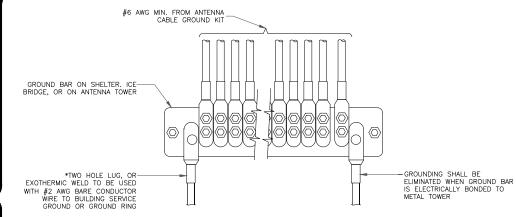




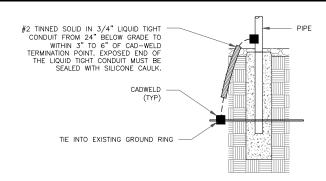
NOTES:

ALL GROUNDING LUGS ARE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL HARDWARE BOLTS, NUTS, LOCK WASHERS SHALL BE STAINLESS STEEL. ALL HARDWARE ARE TO BE AS FOLLOWS: BOLT, FLAT WASHER, GROUND BAR, GROUND LUG, FLAT WASHER AND NUT.

MECHANICAL LUG CONNECTION SCALE: NOT TO SCALE



GROUNDWIRE INSTALLATION SCALE: NOT TO SCALE



TRANSITIONING GROUND DETAIL SCALE: NOT TO SCALE







1080 HOLCOMB BRIDGE ROAD BUILDING 100, SUITE 350 ROSWELL, GA 30076 TEL: 678-990-2338 FAX: 678-990-2342

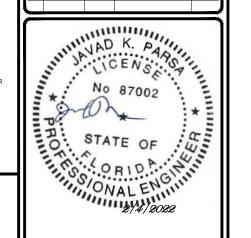
VERIZON SITE NUMBER: 228807

> BU #: **846219 FAIRGROUNDS**

682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

EXISTING 185'-6" GUYED

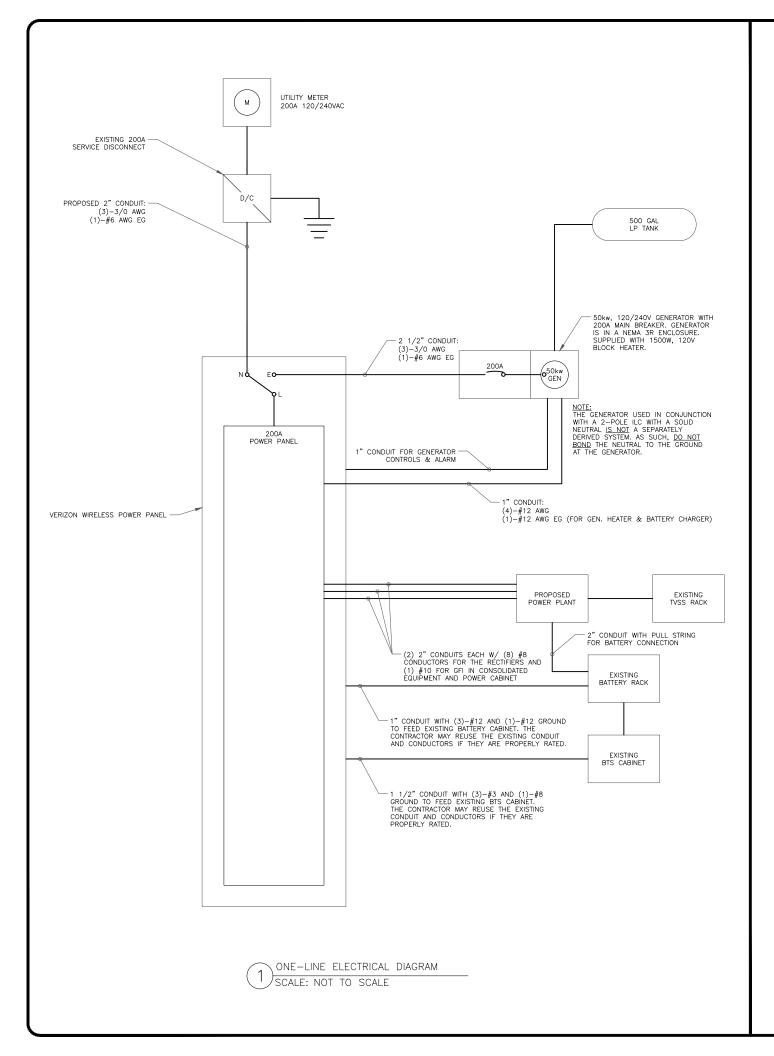
	ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./QA	
0	02/04/22	SJH	FINAL	MDS	



IS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY AD K. PARSA, P.E. ON THE DATE ADJACENT TO THE SEAL NTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERE ED AND SEALED AND THE SIGNATURE MUST BE RIFIED ON ANY ELECTRONIC COPIES.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER:



200A 120/240V 10 3W VERIZON POWER PANEL SCHEDULE CKT# TRIP LOAD DESCRIPTION TRIP CKT# PHASE LOAD DESCRIPTION RECTIFIER #1 RECTIFIER #2 40A 40A RECTIFIER #3 40A 40A RECTIFIER #4 RECTIFIER #5 RECTIFIER #6 40A 40A RECTIFIER #7 40A 60A POWER PLANT BTS CABINET 100A 200A GENERATOR INTERIOR & EXTERIOR LIGHTS HALON ALARM PANEL AC 3 WALL MOUNT AC 3 WALL MOUNT COMP 1 COMP 1 EXTERIOR RECEPTACLES 20A 20A RECEPTACLES DSX FRAME RECEPTACL 30A 20A 30A 20A AC CONTROL PANEL 20A 20A 20A PUMP VORTEX 20A







1080 HOLCOMB BRIDGE ROAD BUILDING 100, SUITE 350 ROSWELL, GA 30076 TEL: 678-990-2338 FAX: 678-990-2342

VERIZON SITE NUMBER: **228807**

BU #: **846219 FAIRGROUNDS**

682 SOUTHWEST COMMERCE DRIVE LAKE CITY, FL 32025

EXISTING 185'-6" GUYED

_				_		
ſ	ISSUED FOR:					
REV	DATE	DRWN	DESCRIPTION	DES./QA		
0	02/04/22	SJH	FINAL	MDS		



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY AND AND REASA, P.E. ON THE DATE ADJACENT TO THE SEAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS THEY ARE ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO A LITER THIS DOCUMENT.

SHEET NUMBER:

E-1

REVISION:

PANEL SCHEDULE
SCALE: NOT TO SCALE