VERIZON SITE NAME: **VERIZON SITE NUMBER: 9066145**

SITE TYPE: TOWER HEIGHT:

198'-0"

MONOPOLE NW BROWN ROAD-A

> SITE ADDRESS: BUSINESS UNIT #: 824653

JURISDICTION: COUNTY:

LAKE CITY, FL 32055

COLUMBIA

COLUMBIA COUNTY

1 towersource

A NextEdge Company

8000 AVALON BLVD, SUITE 700 ALPHARETTA, GA 30009

CASTLE CROWN TEMPLE TERRACE, FL 33637

1355 WINDWARD CONCOURSE SUITE 410

ALPHARETTA, GA 30005

VERIZON SUB 6-GHZ

CROWN CASTLE USA INC. SITE NAME: SITE ADDRESS: SITE INFORMATION HWY 90 AT NW BROWN RD

OCCUPANCY CLASSIFICATION: CURRENT ZONING: AREA OF CONSTRUCTION: JURISDICTION: GROUND ELEVATION: LONGITUDE: MAP/PARCEL#: LAT/LONG TYPE: ATTIUDE NAD83 33-38-16-02435-001 COLUMBIA COUNTY -82° 42′ 56.38" EXISTING 297 NW BROWN ROAD LAKE CITY, FL 32055

PROPERTY OWNER: A.D.A. COMPLIANCE: TYPE OF CONSTRUCTION:

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION

CARRIER/APPLICANT: CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317

TOWER OWNER:

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

TELCO PROVIDER: ELECTRIC PROVIDER: AT&T

FPL

PROJECT TEAM

CROWN CASTLE
USA INC. DISTRICT
CONTACTS: A&E FIRM: CROWNAE_APPROVAL@CROWNCASTLE.COM CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG, PA 15317

DEREK SMITH - PROJECT MANAGER (561) 544-4972 8000 AVALON BLVD, SUITE 700 ALPHARETTA, GA 30009

SHEET# C-1.2 9 CT C-3 C-2 S T-2 GROUNDING DETAILS GENERAL NOTES TITLE SHEET GROUNDING DETAILS EQUIPMENT SPECS EQUIPMENT SPECS EQUIPMENT SCHEDULE TOWER ELEVATION & ANTENNA PLANS EQUIPMENT PLAN SITE PLAN SHEET DESCRIPTION

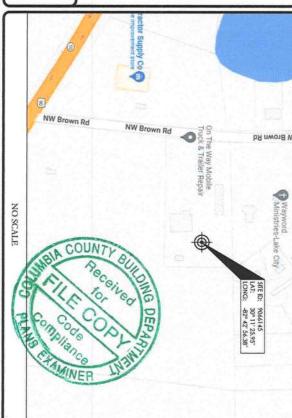
ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR INTI. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

PROJECT DESCRIPTION

DRAWING INDEX

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

- TOWER SCOPE OF WORK
 INSTALL (3) ANTENNAS
- NOTE
 INSTALL (1) SUPPORT RAIL KIT
- NONE



DRWN

FINAL

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ISSUED FOR:

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	https://pmi.vxwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	10097866
VzW LOCATION CODE (PSLC)	9066145

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

NOTES: 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 CONSTRUCTION MANAGER

LOCATION MAP



EXISTING 198'-0" MONOPOLE

297 NW BROWN ROAD LAKE CITY, FL 32055

HWY 90 AT NW BROWN RD

BU #: 824653

VERIZON SITE NUMBER:

9066145

NO SCALE

APPLICABLE CODES/REFERENCE DOCUMENTS

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS: BY OTHERS DATED: MOUNT ANALYSIS: MASER CC DATED: 08/25/2021

MASER CONSULTING

RFDS REVISION: —— DATED: 08/12/21 ORDER ID: 623626 REVISION: 0

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
BUILDING
MECHANICAL ELECTRICAL

2020 FLORIDA BUILDING CODE, 7th EDITION 2018 IMC 2017 NEC

APPLICABLE CODES: TIA-222-H / ASCE 7-16
WIND SPEED: V = 118 MPH (ULTIMATE 3 SECOND GUST)
EXPOSURE CATEGORY: I
RISK CATEGORY: II
TOPOGRAPHIC CATEGORY: 1
CREST HEIGHT: 0
CREST HEIGHT: 0 ANALYSIS CRITERIA:

SEISMIC RESPONSE:







No 87002

No 87002

No 87002

STATE OF ENGLISH ON A ENGLISH ON A ENGLISH OF STATE OF ENGLISH ON A BIGHT OF STATE OF STAT parsa by javad k parsa Date: 2022.08.04 13:32:33 -04'00'

ANY PERSON, CTHE DIRECTION L ENGINEER,

SHEET NUMBER: REVISION:

CROWN CASTLE USA

1. 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 STE YOU MUST COMMACT THE CROWN CASTLE USA INC. NOC AT 800-788-7011 & THE CROWN CASTLE USA INC. UNSA INC. CONSTRUCTION MANAGER.

2. "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, SHALL NOT COMPROMISE THE INTEGRITY OR THE 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 ROWL WERE 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 COMPROMISES DESPETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGED OF THE WIRE ROPE REPORT OF THE WIRE ROPE REPORT OF THE WIRE ROPE ROWN CASTLE USA INC. POC OR CALL THE WORLD FRENTS SHALL BE OBTAINED. ALL REQUIRED PREMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REPORTED. ALL REQUIRED PREMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL RECOVERAL MEET ANSI/ASSE ATOLAS (LATEST EDITION). FEDERAL, STATE, AND LOCAL REQUIRIOUS, AND ANY APPLICABLE ANSI/ASSE ATOLAS (LATEST EDITION). FEDERAL, STATE, AND LOCAL REQUIRIOUS SHOULD AND ANY APPLICABLE AND LOCALS WITHOUT THE SUPPORTING THE CONSTRUCTION AND ANY APPLICABLE ORDER FOR CLASS WOONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA—322 OF THE DITION). AND GROWN ASSILE USA INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR LASTED TOWN AND CROWN ASSILE WITH ANSI/TIA—322 DITAMENT OF THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA—322

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ALT SITE WORK TO COMPLY WITH DAS—STD—1008B "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE." CED—STD—10224 "STANDARD FOR INSTALLATION OF MOUNTS AND APPURENANCES," AND LATEST VERSION OF ANSI/THA—1019—A—2012 "STANDARD FOR INSTALLATION, ALTERATION, AND LATEST VERSION OF ANSI/THA—1019—A—2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF INSTALLATION."

IN THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL REPORTS AND ANTENANCS."

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IN THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL REPORTS AND CORDES OF THE WORK ALL WORK CARRIED OUT SHALL COMPLY WITH ALL LAPELCABLE MUNICIPAL AND UTILITY CONTRACTOR SHALL SHOULDED AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE MUNICIPAL AND UTILITY CONTRACTOR SHALL CONTRACTOR SHALL ESS SPECIFICALLY STATED OTHERWISE.

PHE CONTRACTOR SHALL CONTRACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION. ALL EXISTING ATIVE SERVER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHERE EXOCUNITIES UN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE PROCEDED AS THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROVIDE SAFETY TRANING OF THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROVIDE SAFETY TRANING OF THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROVIDE SAFETY TRANING OF THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROVIDE SAFETY RECEIPED ON THE STAMPED CONSTRUCTION DEAWNINGS AND PROJECT SECURITION BY CONSTRUCTION OF THE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DEAWNINGS AND PROJECT SECURITION OF THE WORK, SHALL BE REMOVED FROM THE STAMPED CONSTRUCTION OF THE WORK, SHALL BE REMOVED FOR SHE AND DISPOSED OF LEGALLY.

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17. THE ARBO OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVENAY, SHALL BE CRADED TO A UNIFICIAL SUPPLY, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DEAWNIGS AND/OR PROJECT SPECIFICATIONS.

18. COMPRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION, EROSION CONTROL FOR EROSION AND SEDIMENT CONFOLLING IN CONFORMANCE WITH THE LOCAL GUIDELINES FRUCTURES, FREQUENCE DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES STRUCTURES. ANY DAMAGED PART SHALL BE REPURED AT CONTRACTOR'S SUCH AS CONSTRUCTION OF OWNER.

20. COMPRACTOR SHALL LEGALLY AND PROPERTY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER TEMS REMOYED FROM THE EXISTING FACILITY. ANTENNAS REMOYED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.

21. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION, TRASH AND DEBRIS SHOULD BE REMOYED FROM STE ON A DALY BASIS.

22. NO FILL OR EMBANKENT MATERIAL SHALL BE PLACED ON FROZEN GROUND, FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKENT.

9

1. FOR THE PURPOSE OF CONSTRUCTION DRAWNG, THE FOLLOWING DEFINITIONS SHALL APPLY:
CONTRACTOR: CENTRACTOR RESPONSIBLE FOR CONSTRUCTION
CONTRACTOR: CENTRACTOR RESPONSIBLE FOR CONSTRUCTION
CENTRACTOR: CENTRACTOR RESPONSIBLE FOR CONSTRUCTION
CENTRACTOR: CENTRACTOR AND CONTRACTOR 'n

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9.

THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES, ANY DAMAGED PART SHALL BE REPARED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF CROWN CASTLE USA. INC. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP NATERIALS SUCH AS COANAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY, ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.

DESIGNATED LOCATION.

CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.

FOUNDATIONS, AND REINFORCING

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 336, ASTM A184 ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST-INI-PAGE CONCRETE.

2. UNLESS NOTED OTHERWISE. SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000 psi.

3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSURE STRENGTH (1°) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE. NO MORE THAN 90 MINUTES SHALL ELAPSE FROM BATCH THE TO TIME OF PLACEMENT UNLESS APPROVED BY THE ENGINEER OF RECORD. TEAPERATURE OF CONCRETE SHALL NOT EXCEED 90° AT TIME OF PLACEMENT TO BE BASED ON SUZE OF AGRECATE AND E3 CLASS ENDOSURE (VERY SEVERE). CHENT UNLESS AND LOCKED TO FREEZE-THAN CYCLES SHALL CONTAIN ARE ENTRAINING ADMINITURES, AMOUNT OF AIR ENTRAINING TO BE BASED ON SUZE OF AGRECATE AND E3 CLASS ENDOSURE (VERY SEVERE). CHENT USED TO BE 71ANDARD DEFORMED SHALL CONFORM TO ASTM A185. ALL SPLICES SHALL BE CLASS "B TENSION SPLICES, UNLESS NOTED OTHERWISE. ALL HOCKS SHALL BE AS FOLLOWS:

A1 SELL SPLICES SHALL BE CLASS "B TENSION SPLICES, UNLESS NOTED OTHERWISE. ALL HOCKS SHALL BE AS FOLLOWS:

A1 BASE AND SMALLER.

A1 BE TOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORMS STEEL UNLESS SHOWN OTHERWISE. AS FOLLOWS:

A1 BASE AND LARGER.

B1 BASE B1 BASE AND LARGER.

B1 BASE B1 BASE B1 BASED B1 BASED B1 BASED B1

GREENFIELD GROUNDING NOTES:

GRADE, BY TWO OR MORE COPPER

SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND

ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE

D AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, OR LARGER FOR SHALL BE FURNISHED AND INSTALLED

1. 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 MACOCOMMUNICATION, SHALL BE DONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MACOCOMMUNICATION, STEED IN ACCORDANCE WITH THE NEE.

2. THE COMPARCTOR SHALL PERFORM LEEF FALL—OF—POTENTAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND B) FOR GROUND ESSTEMS, THE CONTRACTOR SHALL PURNISH A PERFORMANCE OF SHALL PERFORM THE ACCORDANCE WITH THE CONTRACTOR SHALL PERFORM THE ACCORDANCE WITH THE CONTRACTOR SHALL PERFORM THE ACCORDANCE WITH THE ACCORDANC JND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, M-METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE OF THE METAL CONDUIT.

GRADE TO WITHIN 3" TO 6" OF CAD-WELD TERMINATION

ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CORES/ORDINANOES.

CONDUIT ROUTHNOS ARE SOFEMATIC. CONTRACTOR SHALL INSTALL COMPLY WITH THE REQUIREMENTS OF THE NEC. AND TRIP HAZARDS ARE ELIMINATED.

WRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.

ALL COLORIS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.

ALL COLORIS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.

ALL COLORIGHRENT DEVERTABLES LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE.

ALL OVERCURRENT DEVERS SHALL HAVE AN INTERRUPTING CURRENT RATING THAT SHALL BE GREATER THAN THE SHORT CHECKIT TO WHICH THEY ARE SUBJECTED, 22.000 ALC MINIMUM, VERTIFY ANALABLE SHORT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL FIGUREDISTON.

EACH END OF EXERY POWER PHASE CONDUCTOR, ROUNDING 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 DEVILLATION OR ELECTRICAL TAPE (3M BRAND), 1/2" PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE DEVILLATION OR ELECTRICAL TABE WITH LABICODD TAXS SHOWNON THEIR RATED VOLTAGE, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (1.s., PANEL BOARD AND CHARLE WITH THE SHORT CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (1.s., PANEL BOARD AND CHARLE WITH THE SHORT CIRCUIT ID NUMBERS (1.s., PANEL BOARD AND CHARLE WITH THE SHORT CIRCUIT ID NUMBERS (1.s., PANEL BOARD AND CHARLE WITH THE SHORT CIRCUIT ID NUMBERS (1.s., PANEL BOARD AND CHARLE WITH THE SHORT CIRCUIT ID NUMBERS (1.s., PANEL BOARD AND CHARLE WITH THE SHORT CIRCUIT ID NUMBERS (1.s., PANEL BOARD AND CHARLE WITH THE SHORT CIRCUIT ID NUMBERS (1.s., PANEL BOARD AND CHARLE WITH THE SHORT CIRCUIT ID NUMBERS (1.s

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CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPRAUTI PAUSTIC LABELS.

CIRCUIT 10'S).

7. PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PAUSTIC LABELS.

8. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.

8. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.

8. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHALD SHOULD COPPER CONDUCTOR (\$14 OR LARGER) ALL TIEW THAT AND CONTROL WIRING IN TUSING OR CONDUIT SHALL BE SIGGLE COPPER CONDUCTOR (\$60 PLARGER) WITH TYPE THHW, THWN. THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.

10. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE MULTI-CONDUCTOR, TYPE TO CABLE (\$14 OR LARGER) WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.

11. POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI-CONDUCTOR, TYPE TO CABLE (\$14 OR LARGER) WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THWN, THWN-1, THWN-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.

11. ALL POWER AND CONTROL WIRING FOR USE IN ACCORDANCE WITH NEWA, THE LOSS AND WIRE NUTS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS (OR ECUAL), LUGS AND WIRE NUTS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS OR RECONDUCTOR. TYPE TO CABLE (\$14 OR LARGER), WITH TYPE THHW, THWN, THWN, THWN-1, XHHW-2, THW, THWN, TO CABLE (\$15 CH FAULLABLE), AND REPOSED INDOOR LOCATIONS.

10. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (MC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.

11. SCHEDULE 40 PVC UNDER GROUND ON STRAIGHTS AND SCHEDULE BO PVC FOR ALL ELBOWS/90S AND ALL APPROVED ABOVE GRADE PVC CHOUNT.

12. CLEDITACIAL METALLIC CUBING (BMT) ON METAL-CLAD CABLE (MC) SHALL BE USED INDOORS AND ALL APPROVED ABOVE GRADE PVC PVC AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCORDANCE WITH NEWA, UL, ANSI/IE

20. CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEWA, UL, ANSI/TEEE AND THE NEC.

21. WREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS (WINERADOL) SPECMATE WREWAY).

22. SOLTED WIRING DUCT SHALL BE PYC AND INCLUDE COVER (PANDUIT TYPE E OR EDUAL).

23. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON-PERFORATED STRAPS AND HANGERS EXPLOSIVE EXPLOSIVE EXPLOSIVE FOR ATTACHNON HANGERS TO STRUCTURE WILL NOT BE PERMITED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MANTAN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS SHALL BE FASTEN OR DESTRUCTURE, MANTAN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS SHALL BE TISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TRIBED WALL AND EXPLOSED IN A NEW AND WORKMANIKE MANNER. PARALLEL AND PERFECUNCULAR TO STRUCTURE WALL AND CELLIVO LINES, ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTION ENTRY ON CONDUITS SHALL BE RIGIDLY CLAPPED TO BOXES BY GALVANIZED AND STRUCTION SHALL BE RIGIDLY CLAPPED TO BOXES BY GALVANIZED WALLEAD AND REPORT ON PREVENT CONTROLE. TEAMING ADVES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED OR EPOXY-

00110	מסוומט מסרמו מסחר	בסוג טסטר
SYSTEM	CONDUCTOR	COLOR
	A PHASE	BLACK
100/0/00	B PHASE	RED
120/2404, 10	NEUTRAL	STIHM
	GROUND	GREEN
	A PHASE	BLACK
	B PHASE	RED
120/208V, 3Ø	C PHASE	BLUE
	NEUTRAL	STIHM
	GROUND	GREEN
	A PHASE	BROWN
	B PHASE	ORANGE OR PURPLE
277/480V, 3Ø	C PHASE	YELLOW
	NEUTRAL	GREY
	GROUND	GREEN
DO VIOLENCE	POS (+)	RED**
DO ADDIVOR	NEG (-)	BLACK**

UNIFORM COLOR CODE:

GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIALS TEMPORARY SURVEY MARKINGS PROPOSED EXCAVATION CONDUIT, AND LIGHTING CABLES. CABLES, OR CONDUIT AND TRAFFIC LOOPS

SEWERS AND DRAIN LINES RECLAIMED WATER, IRRIGATION, AND SLURRY LINES

POTABLE WATER

ABBREVIATIONS:

POLARITY MARKED AT

TERMINATION

W.P. SIAND STAND S EXISTING
EXISTING
FACILITY INTERFACE FRAME
GENERATOR
GLOBAL POSITIONING SYSTEM
GLOBAL SYSTEM FOR MOBILI
CONG TERM EVOLUTION
MASTER GROUND BAR
MICROWAVE ELECTRIC

RECIPIER
READIO BASE STATION
REMOTE ELECTRIC TILI
REMOTE READIO HEAD
REMOTE RADIO HEAD
REMOTE RADIO UNIT
SMART INTEGRATED DEVICE
TOWER MOUNTED AMPLIFIER
TYPICAL
UNIVERSAL MOBILE TELECOMMUNICATIONS SY
WORK POINT

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



towersource

A NextEdge Company
1355 WINDWARD CONCOURSE
SUITE 410

ALPHARETTA, GA 30005

VERIZON SITE NUMBER: 9066145

BU #: 824653

HWY 90 AT NW BROWN RD 297 NW BROWN ROAD LAKE CITY, FL 32055

EXISTING 198'-0" MONOPOLE

		ISSUE	ISSUED FOR:	
REV D	DATE	DRWN	DESCRIPTION	DES/Q
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ONAL ENGINE	STATE OF LA	No 87002	MANAGENS A STREET
		11111111	

THIS TERM HAS BEEN DIGIT LILY SIGNED AND SEALED BY

JAVAD K, PASA, PE ON THE DOTHERY TO THE SEAL.

PRINTED COPIES OF THIS DOCHMENT ARE NOT CONSIDERED

SIGNED AND SELECTRONIC COPIES.

VERHIED ON ANY ELECTRONIC COPIES.

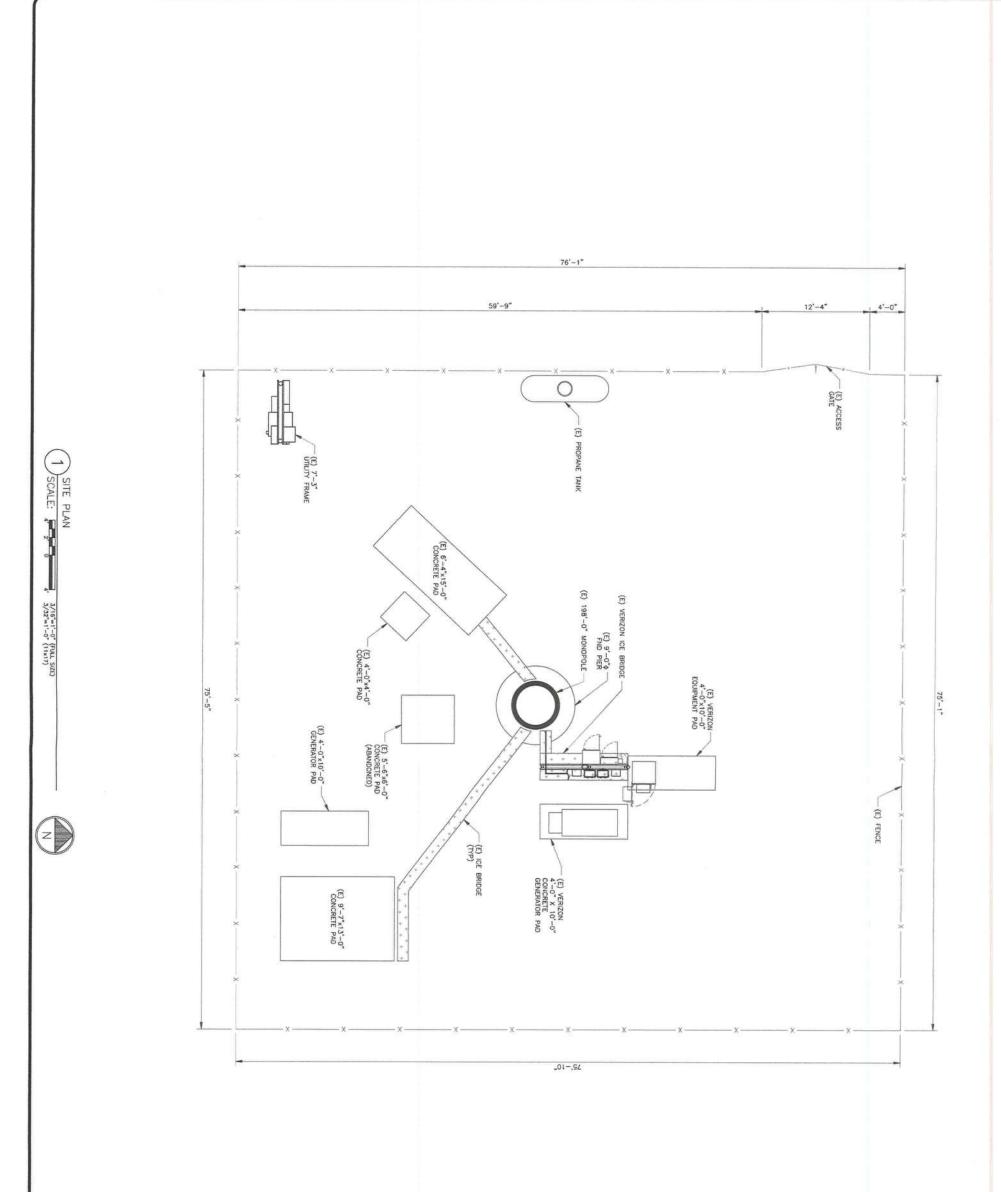
IT IS A VIOLATION OF LAW FOR ANY PERSON,

UNLESS THEY ARE ACTING UNDER THE DIRECTION

OF A LICENSED PROPESSIONAL ENGINEER,

OF A LICENSED PROPESSIONAL ENGINEER.

SHEET NUMBER: REVISION:





REVISION:

THIS TEM HAS BEEN DIGITIALLY SIGNED AND SEALED BY JAYAD 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 VEHIFED ON ANY ELECTRON COPIES.

IT IS A VIOLATION OF LAW FOR ANY PRESON, UNLESS THEY ARE ACTING INDER THE DIRECTION OF A LICENSED PROPESSIONAL REGINEER, TO ALTER THIS DOCUMENT.

NO 87002

	ISSUE	ISSUED FOR:	
H	DRWN	DESCRIPTION	DES./Q.
1/33	38	TANH	HÍS
			t

EXISTING 198'-0" MONOPOLE

297 NW BROWN ROAD LAKE CITY, FL 32055

BU #: 824653 HWY 90 AT NW BROWN RD

VERIZON SITE NUMBER: 9066145

towersource

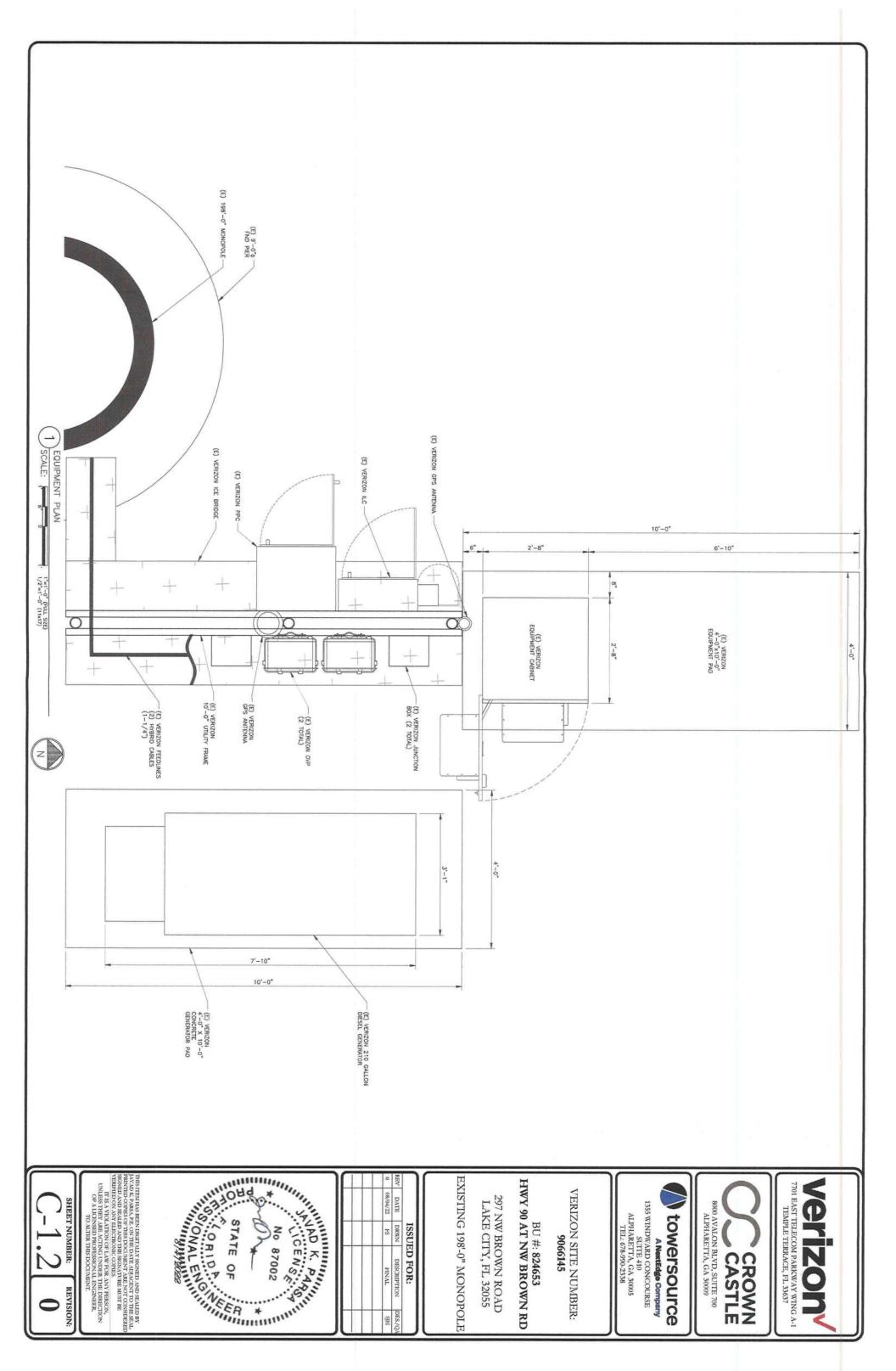
A NeartEdge Company

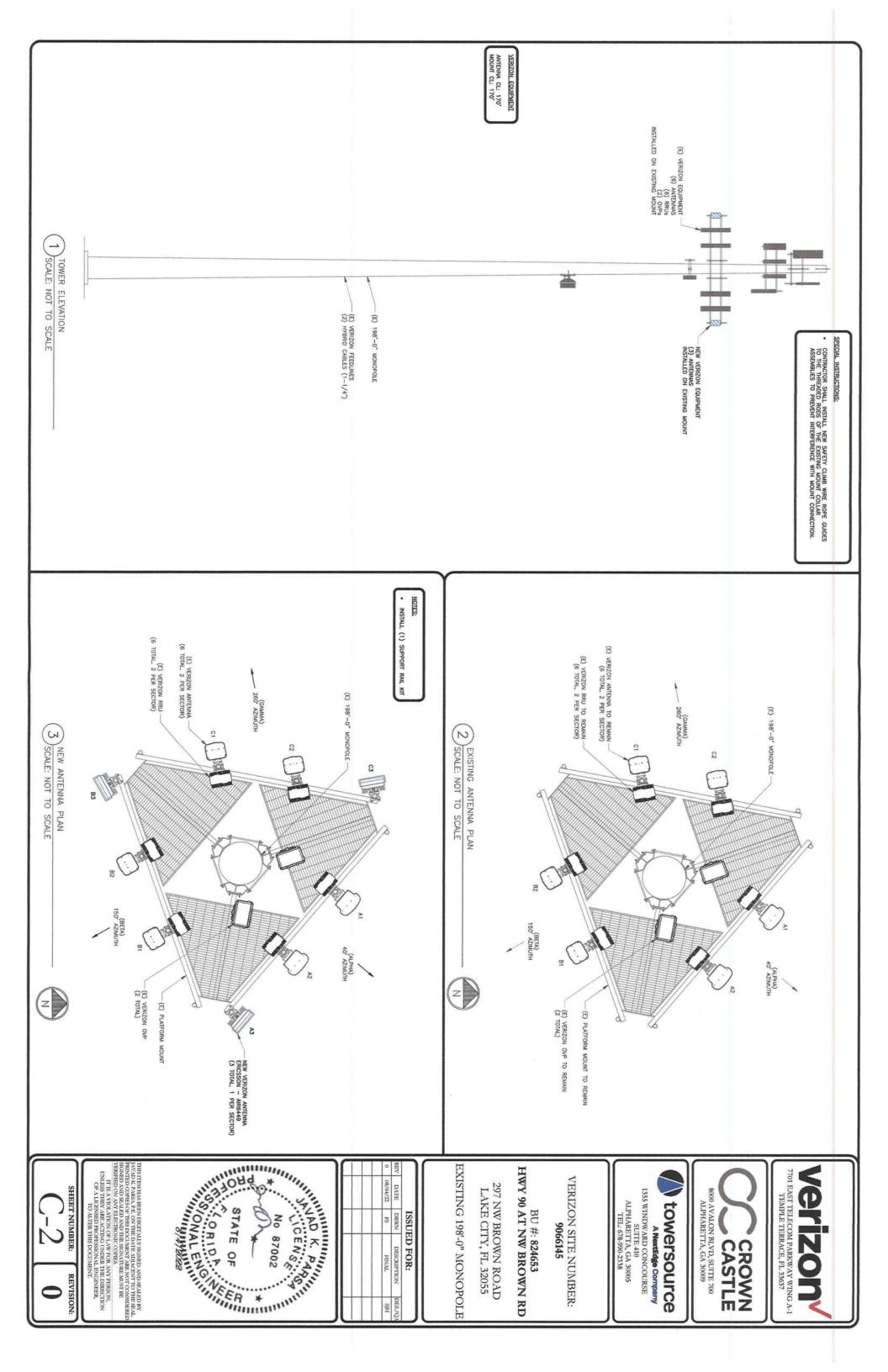
1355 WINDWARD CONCOURSE
SUITE 410
ALPHARETTA, GA 30005
TEL: 678-990-2338

8000 AVALON BLVD, SUITE 700 ALPHARETTA, GA 30009









1) SCALE: NOT TO SCALE

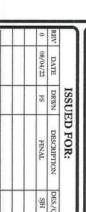
SHEET NUMBER:

REVISION:

SECTOR C2 CI 82 81 S \$ A EXISTING EXISTING EXISTING EXISTING EXISTING STATUS NEW WEW ANTENNA MANUFACTURER ERICSSON ERICSSON AML JNA JMA JMA JWA JMA ANTENNA MODEL MX06FIT845-02 MX06FIT845-02 MX06FIT845-02 MX06FIT845-02 MX06FIT845-02 MX06FIT845-02 AIR6449 AIR6449 FINAL EQUIPMENT SCHEDULE CENTERLINE 170 170' 170 170 170 170 170 170 170 HILIMIZA 260 260 260 150 150 150 ð, 40 40 ERICSSON ERICSSON ERICSSON RAYCAP TOWER EQUIPMENT QTY/MODEL (1) RADIO 8843 (1) RRFDC-3315-PF-48 (1) RADIO 8843 (1) RRFDC-3315-PF-48 (1) RADIO 8843 (1) RADIO 4449 (1) RADIO 4449 (1) RADIO 4449

NOTE:
REFER TO RFDS FOR ELECTRICAL
& MECHANICAL DOWNTILTS

2				TOTAL CABLE OTY:
2	220'-0"±	1-1/4"	HYBRID	EXISTING
QTY	LENGTH	SIZE	CABLE TYPE	STATUS
	Ë	SCHEDU	FINAL CABLE SCHEDULE	



08/04/22	DATE	
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HNAL	DESCRIPTION	ISSUED FOR:
SJH	DES/QA	

No 87002

NO 87ATE OF GRANNINGS ONAL ENGINEERS

EXISTING 198'-0" MONOPOLE

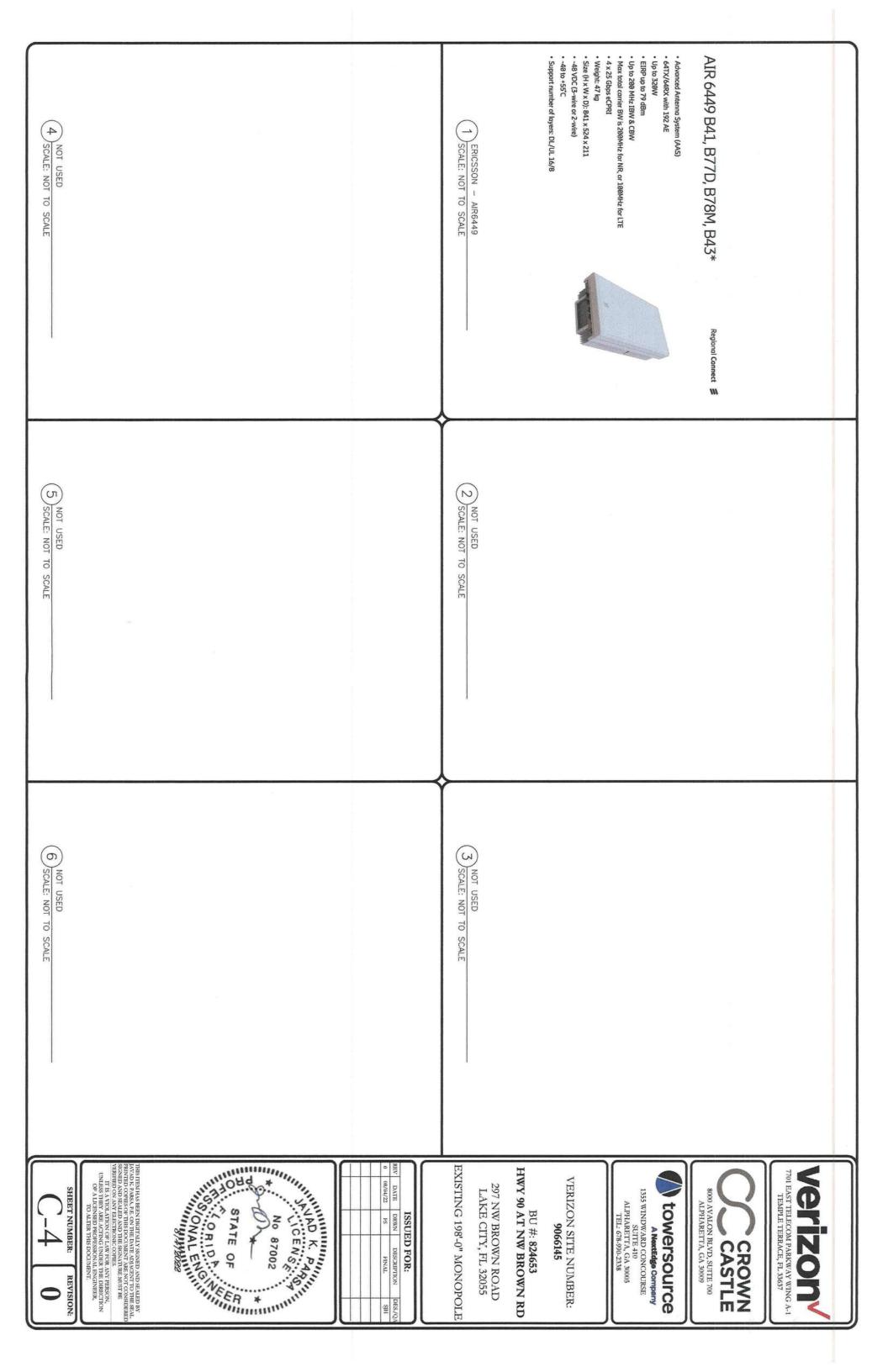
297 NW BROWN ROAD LAKE CITY, FL 32055

BU #: 824653 HWY 90 AT NW BROWN RD

VERIZON SITE NUMBER: 9066145

towersource 1355 WINDWARD CONCOURSE SUITE 410 ALPHARETTA, GA 30005 TEL: 678-990-2338 A NextEdge Company

8000 AVALON BLVD, SUITE 700 ALPHARETTA, GA 30009 CASTLE 7701 EAST TELECOM PARKWAY WING A-1 TEMPLE TERRACE, FL 33637



NOT USED

SCALE: NOT TO SCALE

3 SCALE: NOT TO SCALE

NEW ANTENNA

G PIPE

- PIPE MOUNT BRACKET

- RRU MOUNTING PLATE NEW RRU

No 87002

NO 87002

NO 87002

NO STATE OF ENGLISH ON ALENGHAMENT OF STATE O

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

2 SCALE: NOT TO SCALE

DATE DRWN 08/04/22 FS

ISSUED FOR:

EXISTING 198'-0" MONOPOLE

297 NW BROWN ROAD LAKE CITY, FL 32055

BU #: 824653 HWY 90 AT NW BROWN RD

VERIZON SITE NUMBER: 9066145

A Noxtedge Company
1355 WINDWARD CONCOURSE
SUITE 410
ALPHARETTA, GA 30005
TEL: 678-990-2338

towersource

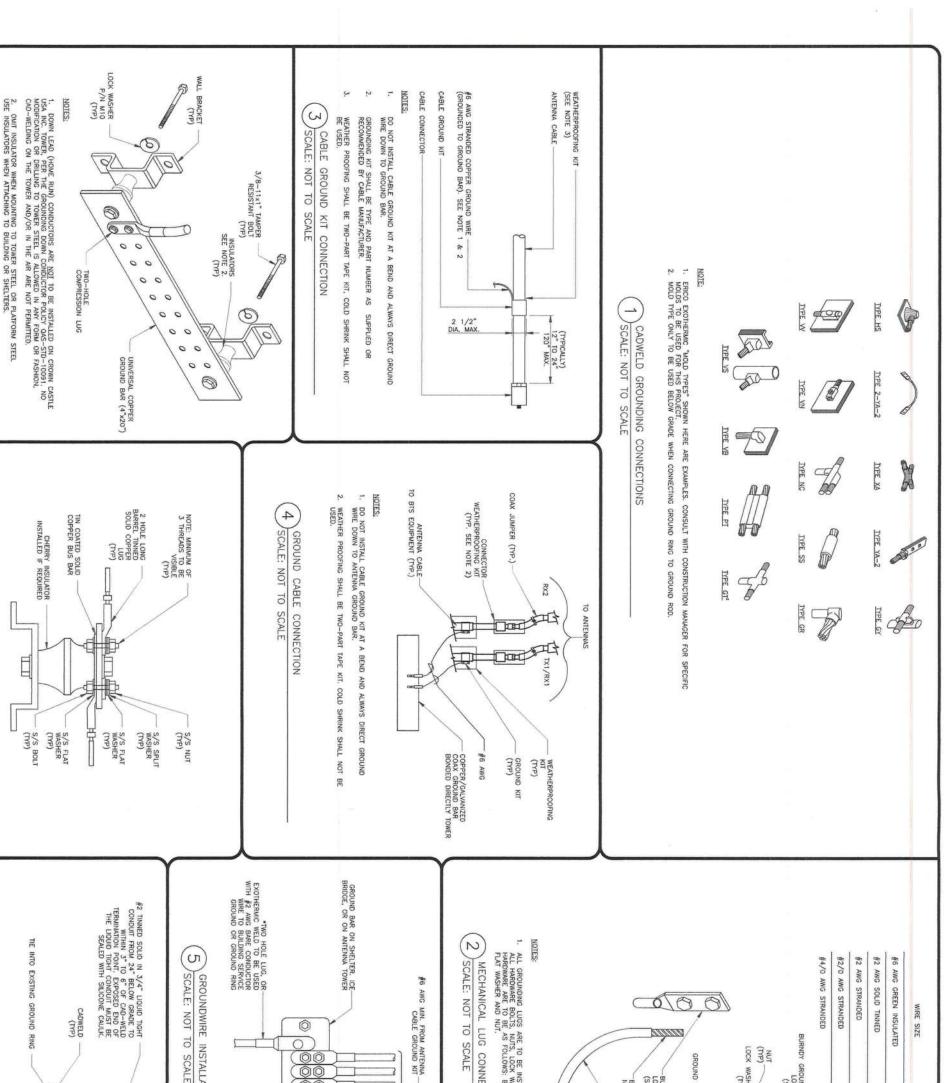


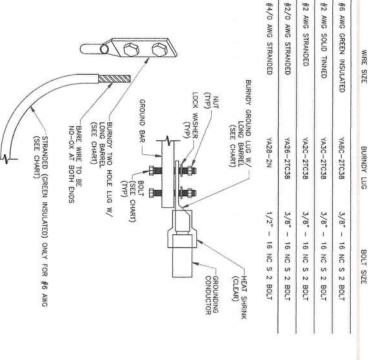
7701 EAST TELECOM PARKWAY WING A-1 TEMPLE TERRACE, FL 33637

REVISION:

THIS TIEM HAS MEEN DIGITALLY SIGNED AND SEALED BY INVIDEN PARK, FE EN WHE DATE ADJACET TO THE SEA MENTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNALUME MUST BE VERHIED ON ANY ELECTRONIC COPIES.

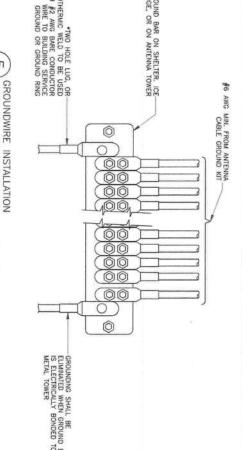
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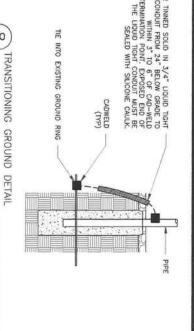




ALL GROUNDING LUGS ARE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 ALL HARDWARE BOLTS, NUTS, LOCK WASHERS SHALL BE STAINLESS STEEL, ALL
 HARDWARE ARE TO BE AS FOLLOWS: BOLT, FLAT WASHER, GROUND BAR, GROUND LUG,
 FLAT WASHER AND NUT.

MECHANICAL LUG CONNECTION





CROWN

8000 AVALON BLVD, SUITE 700 ALPHARETTA, GA 30009

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

1355 WINDWARD CONCOURSE SUITE 410 ALPHARETTA, GA 30005 TEL: 678-990-2338

towersource A NextEdge Company

DATE DRWN ISSUED FOR: DESCRIPTION

EXISTING 198'-0" MONOPOLE

HWY 90 AT NW BROWN RD

BU #: 824653

297 NW BROWN ROAD LAKE CITY, FL 32055

VERIZON SITE NUMBER: 9066145

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SHEET NUMBER: REVISION:

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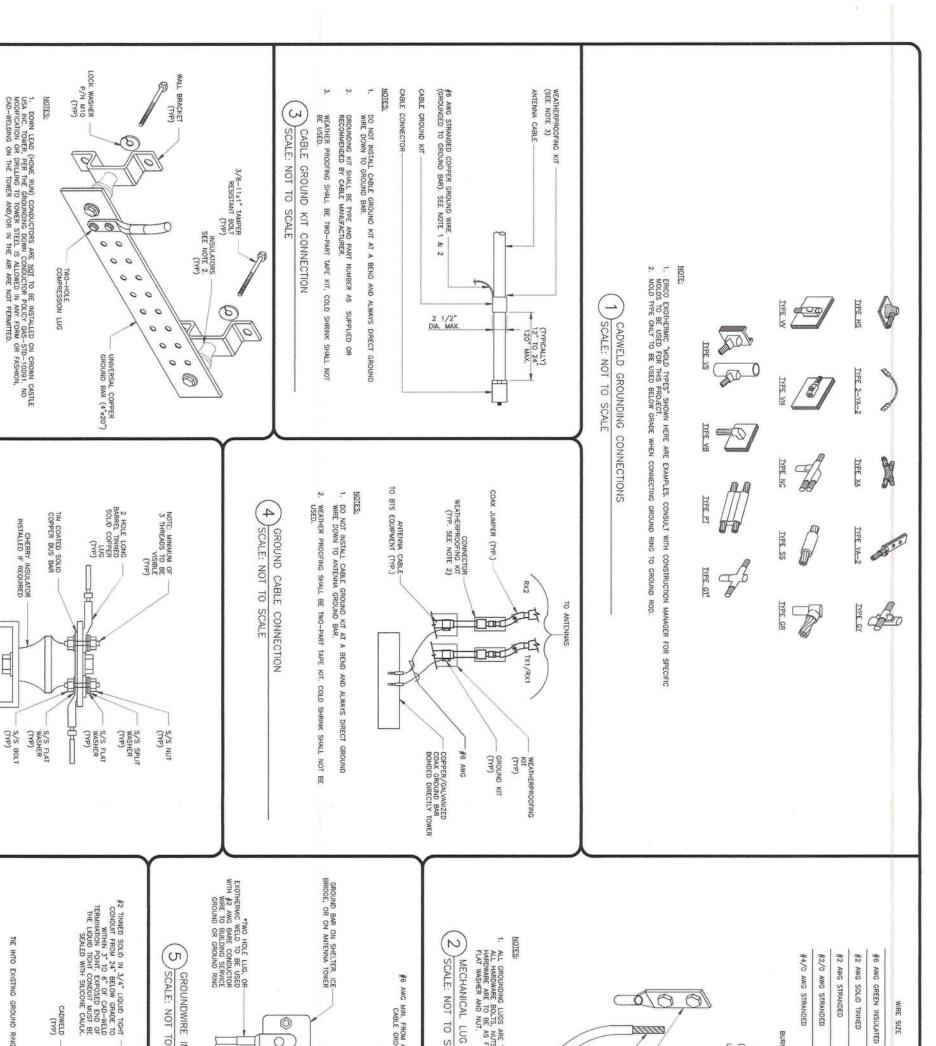
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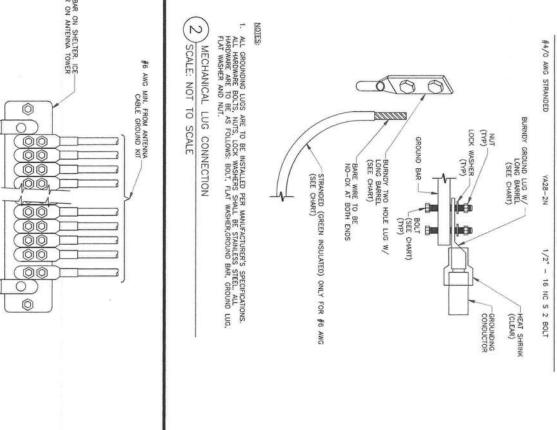
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SCALE: NOT TO SCALE

GROUND BAR DETAIL





EXISTING 198'-0" MONOPOLE

DATE 08/04/22

DRWN

DESCRIPTION
FINAL

DES./Q

ISSUED FOR:

HWY 90 AT NW BROWN RD

BU #: 824653

297 NW BROWN ROAD LAKE CITY, FL 32055

VERIZON SITE NUMBER:

9066145

towersource

8000 AVALON BLVD, SUITE 700 ALPHARETTA, GA 30009

CASTLE CROWN

1355 WINDWARD CONCOURSE

A NextEdge Company

SUITE 410 ALPHARETTA, GA 30005 TEL: 678-990-2338

YA26-2TC38 YA2C-2TC38 YA3C-2TC38 YA6C-2TC38 BURNDY LUG

3/8" -

16 NC S 2 BOLT

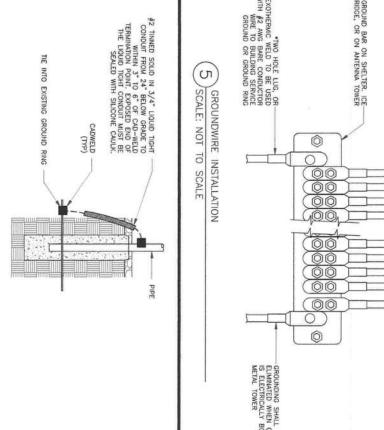
7701 EAST TELECOM PARKWAY WING A-1 TEMPLE TERRACE, FL 33637

3/8" - 16 NC S 2 BOLT

3/8" -

3/8" -

16 NC S 2 BOLT 16 NC S 2 BOLT BOLT SIZE



OMIT INSULATOR WHEN MOUNTING TO TOWER STEEL OR PLATFORM STEEL INSULATORS WHEN ATTACHING TO BUILDING OR SHELTERS.

SCALE: NOT TO SCALE

SCALE: NOT TO SCALE

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SCALE: NOT TO SCALE

TRANSITIONING GROUND DETAIL

E

GROUND BAR DETAIL

