

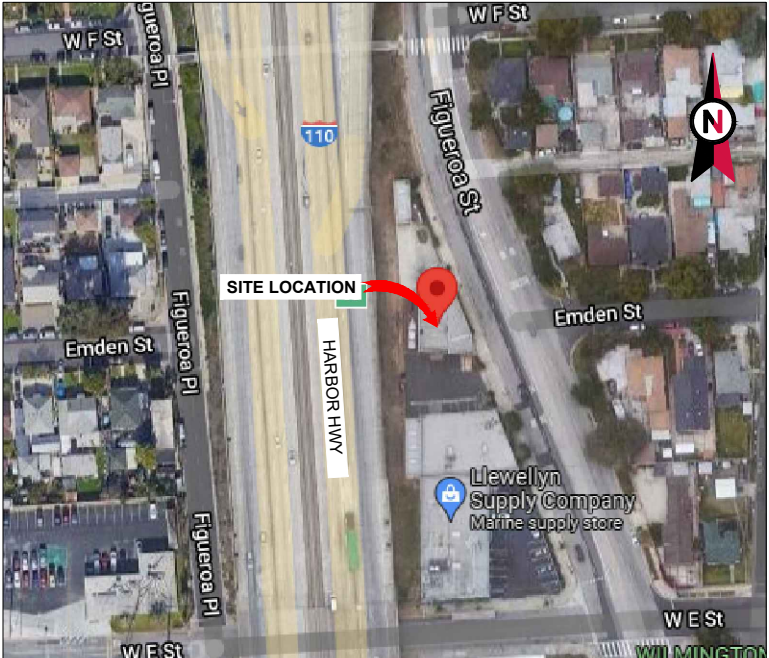
VICINITY MAP



AMERICAN TOWER®

ATC SITE NAME: ISLAND
ATC SITE NUMBER: 300898
VERIZON SITE NAME: LAX ISLAND
VERIZON SITE NUMBER: 124379
SITE ADDRESS: 537 N. FIGUEROA STREET
WILMINGTON, CA 90744

VERIZON
ANTENNA AMENDMENT DRAWINGS



LOCATION MAP

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 COUNTY OF LOS ANGELES BUILDING CODE (TITLE 26)</p> <p>2. 2020 COUNTY OF LOS ANGELES ELECTRICAL CODE (TITLE 27)</p> <p>3. 2020 COUNTY OF LOS ANGELES PLUMBING CODE (TITLE 28)</p> <p>4. 2020 COUNTY OF LOS ANGELES MECHANICAL CODE (TITLE 29)</p> <p>5. 2020 COUNTY OF LOS ANGELES RESIDENTIAL CODE (TITLE 30)</p> <p>6. 2020 COUNTY OF LOS ANGELES GREEN BUILDING STANDARDS CODE (TITLE 31)</p> <p>7. 2020 COUNTY OF LOS ANGELES EXISTING BUILDING CODE (TITLE 33)</p>	<p><u>SITE ADDRESS:</u></p> <p>537 N. FIGUEROA STREET</p> <p>WILMINGTON, CA 90744</p> <p>COUNTY: LOS ANGELES</p> <p><u>GEOGRAPHIC COORDINATES:</u></p> <p>LATITUDE: 33.775583°</p> <p>LONGITUDE: -118.2795°</p> <p>GROUND ELEVATION: 31’ AMSL</p>	<p>THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:</p> <p><u>TOWER WORK:</u></p> <p>REMOVE (9) ANTENNA(s)</p> <p>INSTALL (9) ANTENNA(s), (6) RRU(s), (2) OVP(s) AND (2) 1 5/8" HYBRID CABLE(s)</p> <p>EXISTING (12) ANTENNA(s), (6) RRU(s) (1) OVP, (6) 7/8" COAX CABLE, AND (1) 1 5/8" HYBRID CABLE TO REMAIN</p> <p><u>GROUND WORK:</u></p> <p>INSTALL (2) OVP(s)</p> <p>EXISTING (1) OVP TO REMAIN</p>	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
			G-001	TITLE SHEET	A	10/18/2021	SA
			G-002	GENERAL NOTES	A	10/18/2021	SA
			C-101	DETAILED SITE PLAN	A	10/18/2021	SA
			C-201	TOWER ELEVATION	A	10/18/2021	SA
			C-401	ANTENNA INFORMATION & SCHEDULE	A	10/18/2021	SA
			C-501	CONSTRUCTION DETAILS	A	10/18/2021	SA
			C-502	EQUIPMENT DETAILS	A	10/18/2021	SA
			E-501	GROUNDING DETAILS	A	10/18/2021	SA
			E-501	GROUNDING DETAILS	A	10/18/2021	SA
		R-601	SUPPLEMENTAL				
			</				



REV.	DESCRIPTION	BY	DATE
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ATC SITE NAME:
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VERIZON SITE NAME:
LAX ISLAND

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537 N. FIGUEROA STREET
WILMINGTON, CA 90744

SEAL:

**PRELIMINARY:
NOT FOR
CONSTRUCTION**



DATE DRAWN:	10/18/21
ATC JOB NO:	13716831
CUSTOMER ID:	LAX ISLAND
CUSTOMER #:	124379

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	A

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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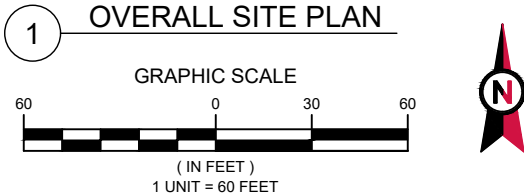
DATE DRAWN:	10/18/21
ATC JOB NO:	13716831
CUSTOMER ID:	LAX ISLAND
CUSTOMER #:	124379

GENERAL NOTES

SHEET NUMBER: G-002	REVISION: A
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NOTES:

1. BOUNDARY LINES OBTAINED FROM JURISDICTION COUNTY/SAN BERNARDINO ONLINE GIS.
2. ZONING INFORMATION OBTAINED FROM ZONING ORDINANCE.



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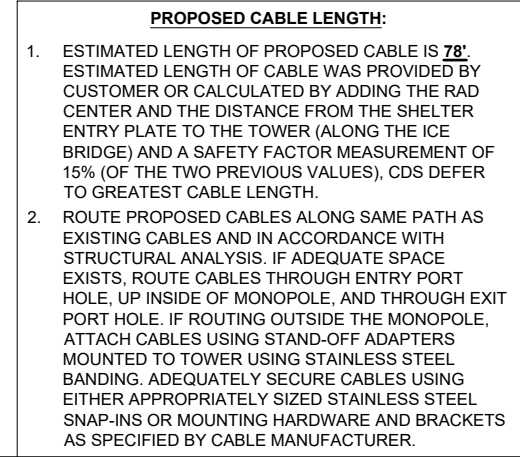
OVERALL SITE PLAN

SHEET NUMBER: C-001	REVISION: A
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LEGEND

⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACLE
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

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. THIS PROJECT INCLUDES NO INSTALL OR MODIFICATION AT GRADE.



1 **DETAILED SITE PLAN**

GRAPHIC SCALE

(IN FEET)
1 UNIT = 10 FEET



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SEAL:

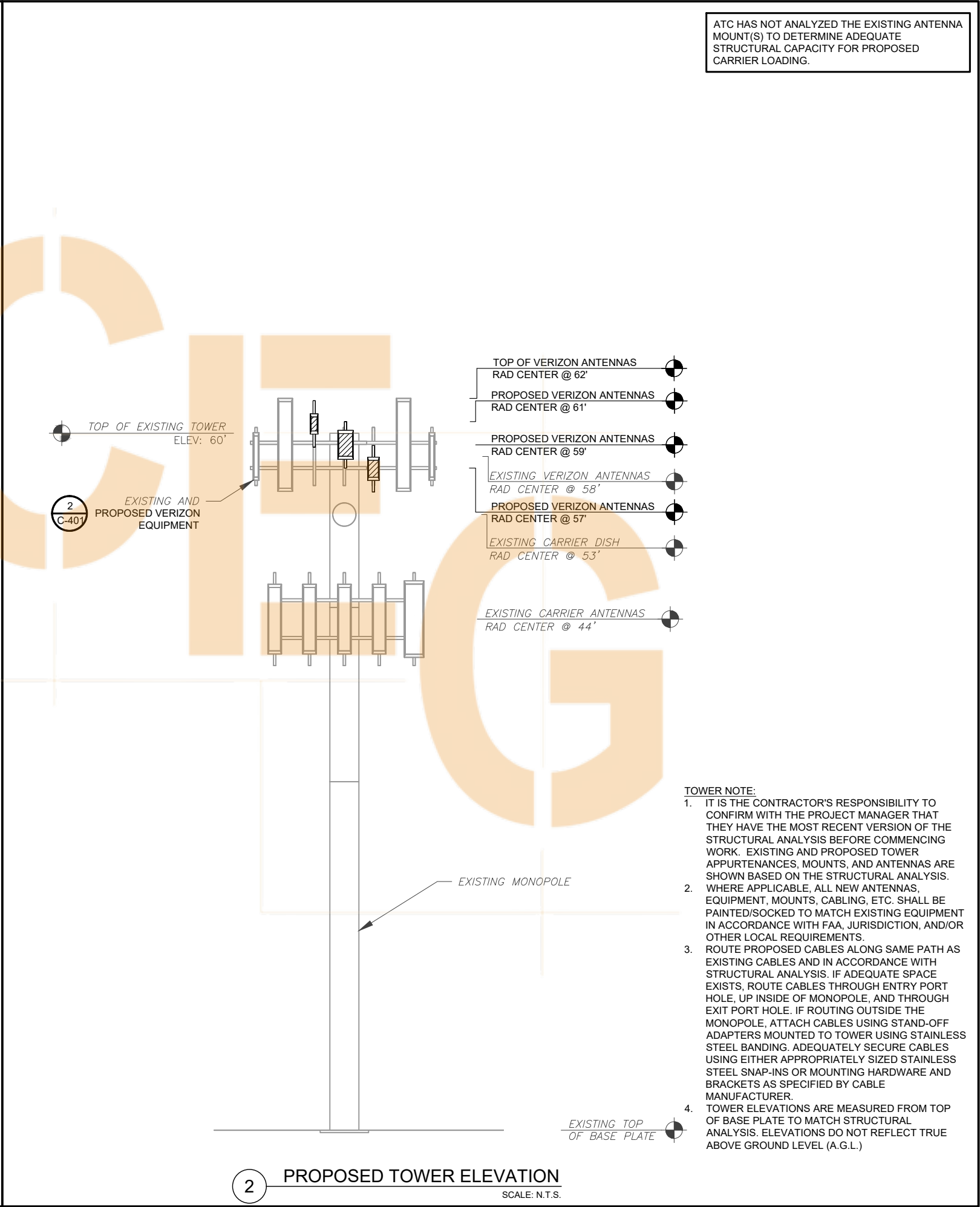
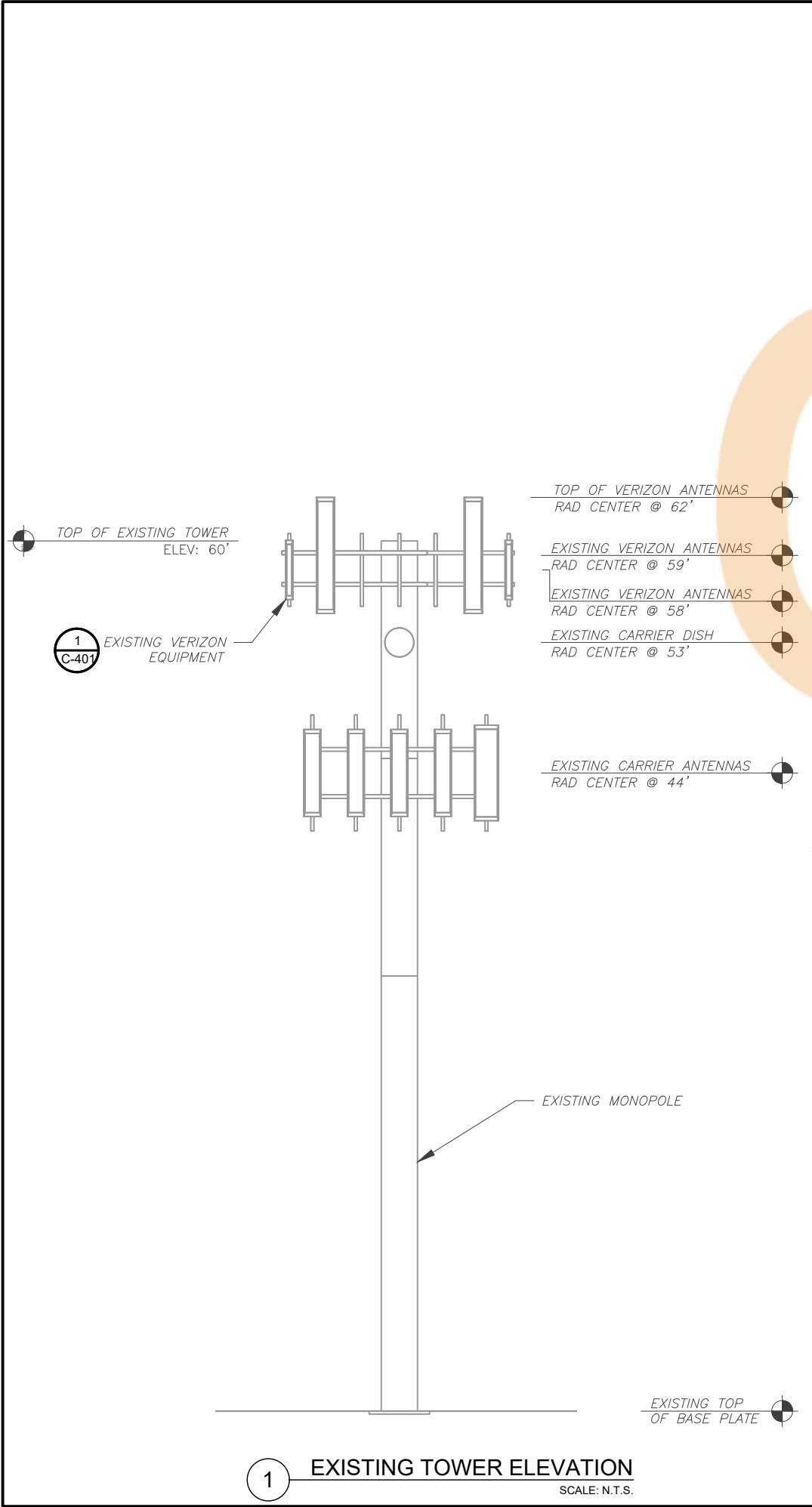



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DETAILED SITE PLAN

C-101

A





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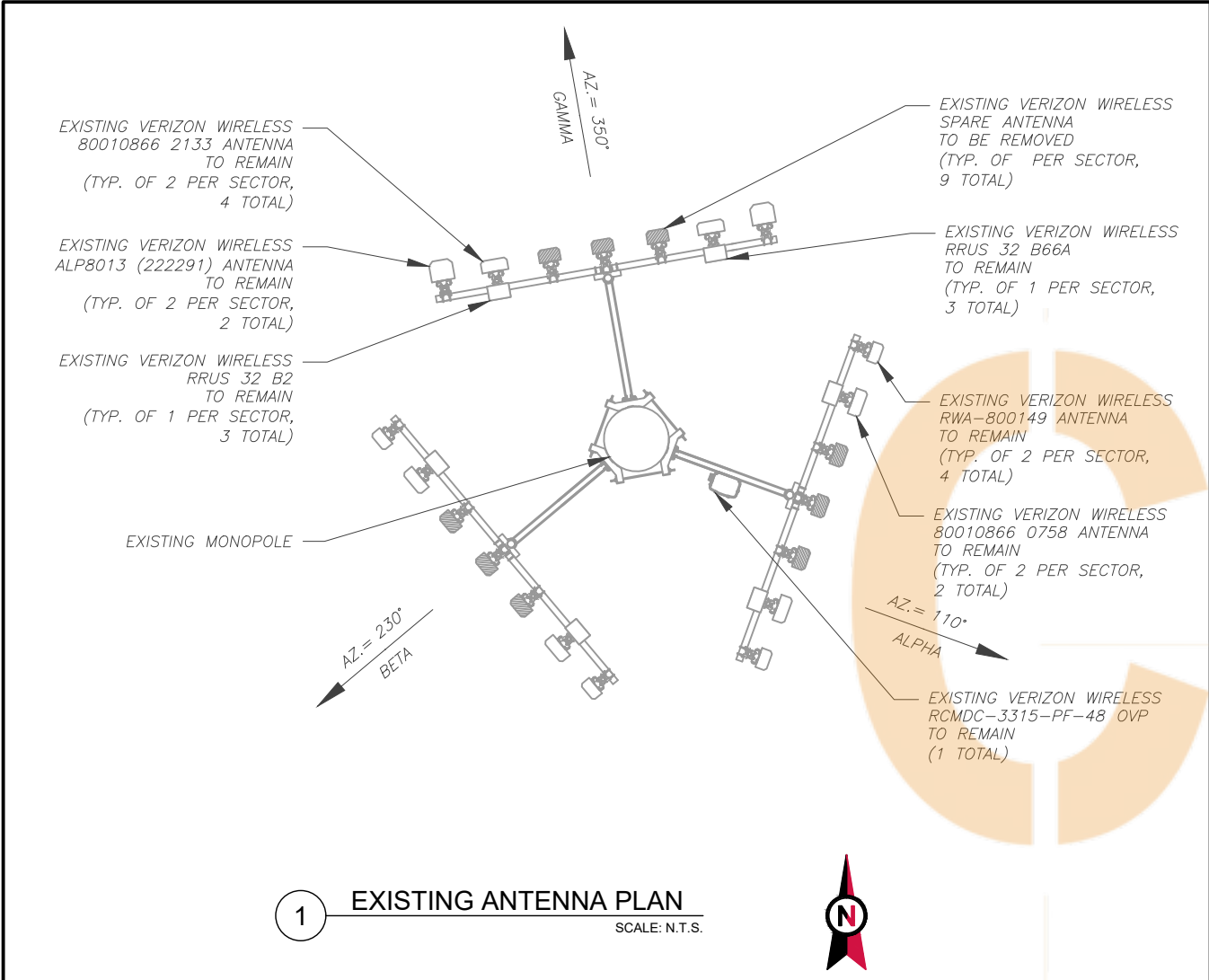
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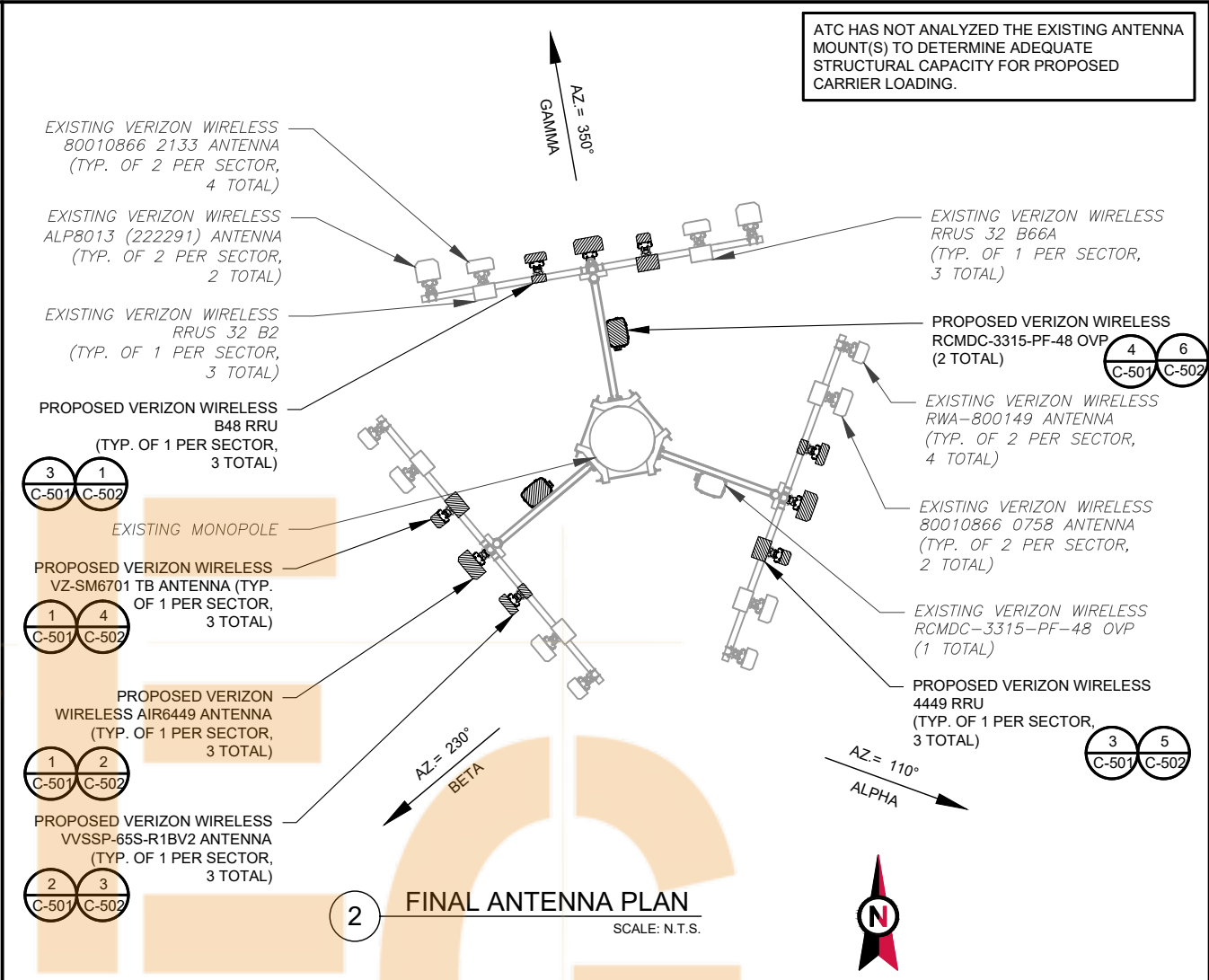
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TOWER ELEVATION

SHEET NUMBER: C-201	REVISION: A
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1 EXISTING ANTENNA PLAN
SCALE: N.T.S.



2 FINAL ANTENNA PLAN
SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE									
LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	58°	110°	A1	RWA-800149	CDMA	—	RMN	—	—
	59°		A2	80010866 0758	LTE/AWS	—	RMN	RRUS32 B2	RMN
			A3	SPARE	—	—	RMV	—	—
			A4	SPARE	—	—	RMV	—	—
			A5	SPARE	—	—	RMV	—	—
			A6	80010866 0758	LTE/AWS	—	RMN	RRUS32 B66A	RMN
	58°	A7	RWA-800149	CDMA	—	RMN	—	—	
BETA	58°	230°	B1	RWA-800149	CDMA	—	RMN	—	—
	59°		B2	80010866 2133	LTE/AWS	—	RMN	RRUS32 B2	RMN
			B3	SPARE	—	—	RMV	—	—
			B4	SPARE	—	—	RMV	—	—
			B5	SPARE	—	—	RMV	—	—
			B6	80010866 2133	LTE/AWS	—	RMN	RRUS32 B66A	RMN
	58°	B7	RWA-800149	CDMA	—	RMN	—	—	
GAMMA	58°	350°	C1	ALP8013 (222291)	CDMA	—	RMN	—	—
	59°		C2	80010866 2133	LTE/AWS	—	RMN	RRUS32 B2	RMN
			C3	SPARE	—	—	RMV	—	—
			C4	SPARE	—	—	RMV	—	—
			C5	SPARE	—	—	RMV	—	—
			C6	80010866 2133	LTE/AWS	—	RMN	RRUS32 B66A	RMN
	58°	C7	ALP8013 (222291)	CDMA	—	RMN	—	—	

- 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'

FINAL ANTENNA SCHEDULE									
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY		
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	58'	110°	A1	RWA-800149	CDMA	-	RMN	-	-
	59'		A2	80010866 0758	LTE/AWS	-	RMN	RRUS32 B2	RMN
	57'		A3	VVSSP-65S-R1BV2	CBRS	-	ADD	B48 RRU	ADD
	59'		A4	AIR6449	C-BAND	-	ADD	AIR6449 RRU	ADD
	61'		A5	VZ-SM6701 TB	C-BAND	-	ADD	-	-
	59'		A6	80010866 0758	LTE/AWS	-	RMN	RRUS32 B66A	RMN
	58'		A7	RWA-800149	CDMA	-	RMN	-	-
BETA	58'	230°	B1	RWA-800149	CDMA	-	RMN	-	-
	59'		B2	80010866 2133	LTE/AWS	-	RMN	RRUS32 B2	RMN
	57'		B3	VVSSP-65S-R1BV2	CBRS	-	ADD	B48 RRU	ADD
	59'		B4	AIR6449	C-BAND	-	ADD	AIR6449 RRU	ADD
	61'		B5	VZ-SM6701 TB	C-BAND	-	ADD	-	-
	59'		B6	80010866 2133	LTE/AWS	-	RMN	RRUS32 B66A	RMN
	58'		B7	RWA-800149	CDMA	-	RMN	-	-
GAMMA	58'	350°	C1	ALP8013 (222291)	CDMA	-	RMN	-	-
	59'		C2	80010866 2133	LTE/AWS	-	RMN	RRUS32 B2	RMN
	57'		C3	VVSSP-65S-R1BV2	CBRS	-	ADD	B48 RRU	ADD
	59'		C4	AIR6449	C-BAND	-	ADD	AIR6449 RRU	ADD
	61'		C5	VZ-SM6701 TB	C-BAND	-	ADD	-	-
	59'		C6	80010866 2133	LTE/AWS	-	RMN	RRUS32 B66A	RMN
	58'		C7	ALP8013 (222291)	CDMA	-	RMN	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
RCMDC-3315-PF-48	RMN	(6) 7/8"	(1) 1 5/8"	RMN

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
RCMDC-3315-PF-48	RMN	(6) 7/8"	(1) 1 5/8"	RMN
(2) RCMDC-3315-PF-48	ADD	-	(2) 1 5/8"	ADD

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LAX ISLAND

SITE ADDRESS:
537 N. FIGUEROA STREET
WILMINGTON, CA 90744

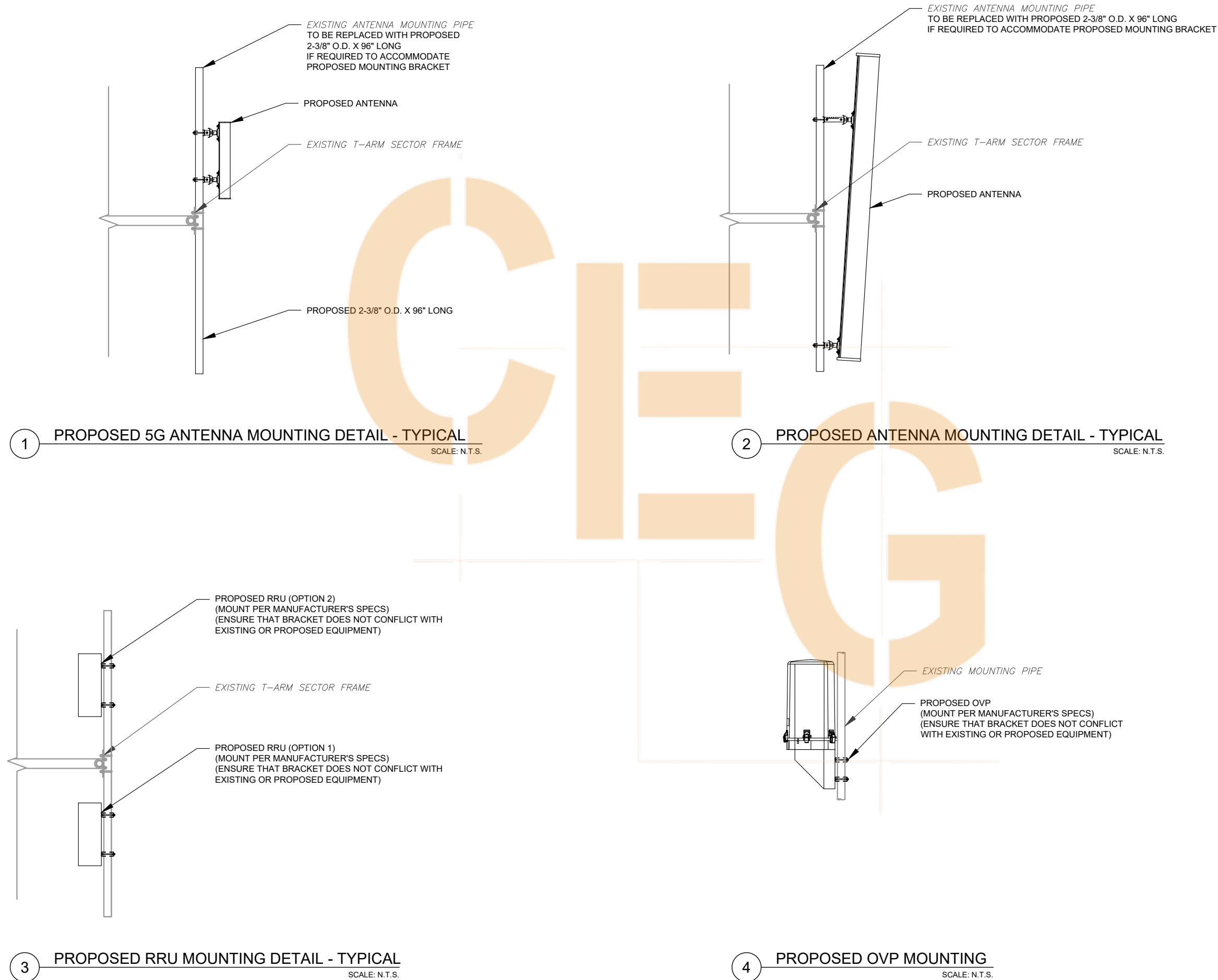
SEAL:

PRELIMINARY:
NOT FOR
CONSTRUCTION

DATE DRAWN:	10/18/21
ATC JOB NO:	13716831
CUSTOMER ID:	LAX ISLAND
CUSTOMER #:	124379

ANTENNA INFORMATION
& SCHEDULE

SHEET NUMBER: C-401	REVISION: A
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REV.	DESCRIPTION	BY	DATE
A	PRELIM	SA	10/18/21

ATC SITE NUMBER:
300898

ATC SITE NAME:
ISLAND

VERIZON SITE NAME:
LAX ISLAND

SITE ADDRESS:
537 N. FIGUEROA STREET
WILMINGTON, CA 90744

SEAL:

**PRELIMINARY:
NOT FOR
CONSTRUCTION**



DATE DRAWN:	10/18/21
ATC JOB NO:	13716831
CUSTOMER ID:	LAX ISLAND
CUSTOMER #:	124379

CONSTRUCTION
DETAILS

SHEET NUMBER:

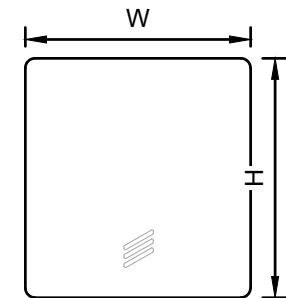
C-501

REVISION:

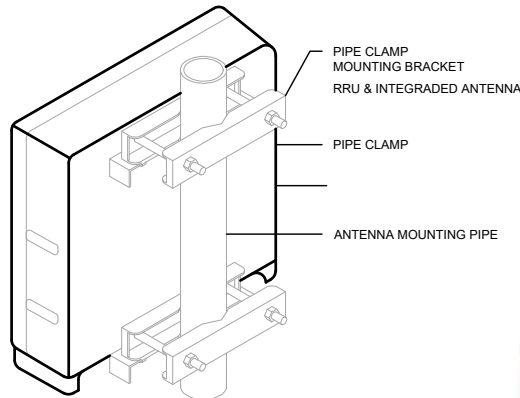
A

MANUFACTURER:		ERICSSON
MODEL NO.:		RRU 4408 W/ INTEGRATED ANTENNA
DIMENSIONS:		TOTAL WEIGHT :
H	8.4"	11.1 LBS (5 kg)
W	7.9"	
D	5.0"	

* RADIO INTEGRATED CBR5 ANTENNA



FRONT VIEW

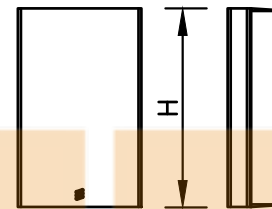


ISO VIEW

ERICSSON AIR6449	
HEIGHT (H)	30.4"
WIDTH (W)	15.9"
DEPTH (D)	8.1"
WEIGHT	81.6 LBS.

FRONT OF ANTENNA

BOTTOM VIEW



FRONT VIEW

SIDE VIEW

1 PROPOSED KRE ANTENNA DETAIL

SCALE: N.T.S.

2 PROPOSED AIR6449 ANTENNA DETAIL

SCALE: N.T.S.

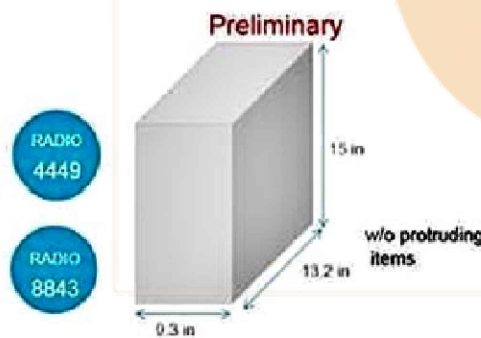
3 PROPOSED VVSSP-65S-R1BV2 ANTENNA DETAIL

SCALE: N.T.S.

DUAL BAND RADIO

4449: B13 + B5 4TX 4RX PER BAND WITHOUT PIM-C
8843: B2 + B66A 4TX 4RX PER BAND WITHOUT PIM-C

- › 4449: 4 antenna ports, 4TX/4RX for 2 bands with common RF ports
- › 8843: 8 antenna ports, 4TX/4RX for 2 bands with separate RF ports
- › Up to 320W RF power shared between 2 bands
 - › Examples 4449:
 - › 4x40W on each band or
 - › 2x60W each band on two high-power RF ports
 - › Examples 8843:
 - › 4x40W on each band or
 - › 4x20W on Band 2 and 4x60W on Band 66A
 - › 2x60W on Band 2 and 2x80W on Band 66A
- › Carrier Capacity:
 - › 4449: Up to 24 carrier and up to 10+25 MHZ OBW for LTE
 - › 8843: Up to 24 carrier and up to 60+70 MHZ OBW for LTE
- › 2x 10Gbps CPRI



Radio 4449 - B135 B5	Height	Width	Depth	Weight
w/o protruding items	15 in (380 mm)	13.2 in (335 mm)	9.3 in (235 mm)	70 lbs (31.8 Kg)

Shall not exceed dimensions

4 PROPOSED VZ-SM6701 TB ANTENNA DETAIL

SCALE: N.T.S.

5 PROPOSED 4449 RRU DETAIL

SCALE: N.T.S.

6 PROPOSED RCMDC-3315-PF-48 OVP OVP DETAIL

SCALE: N.T.S.



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SEAL:

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verizon

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CUSTOMER #:	124379

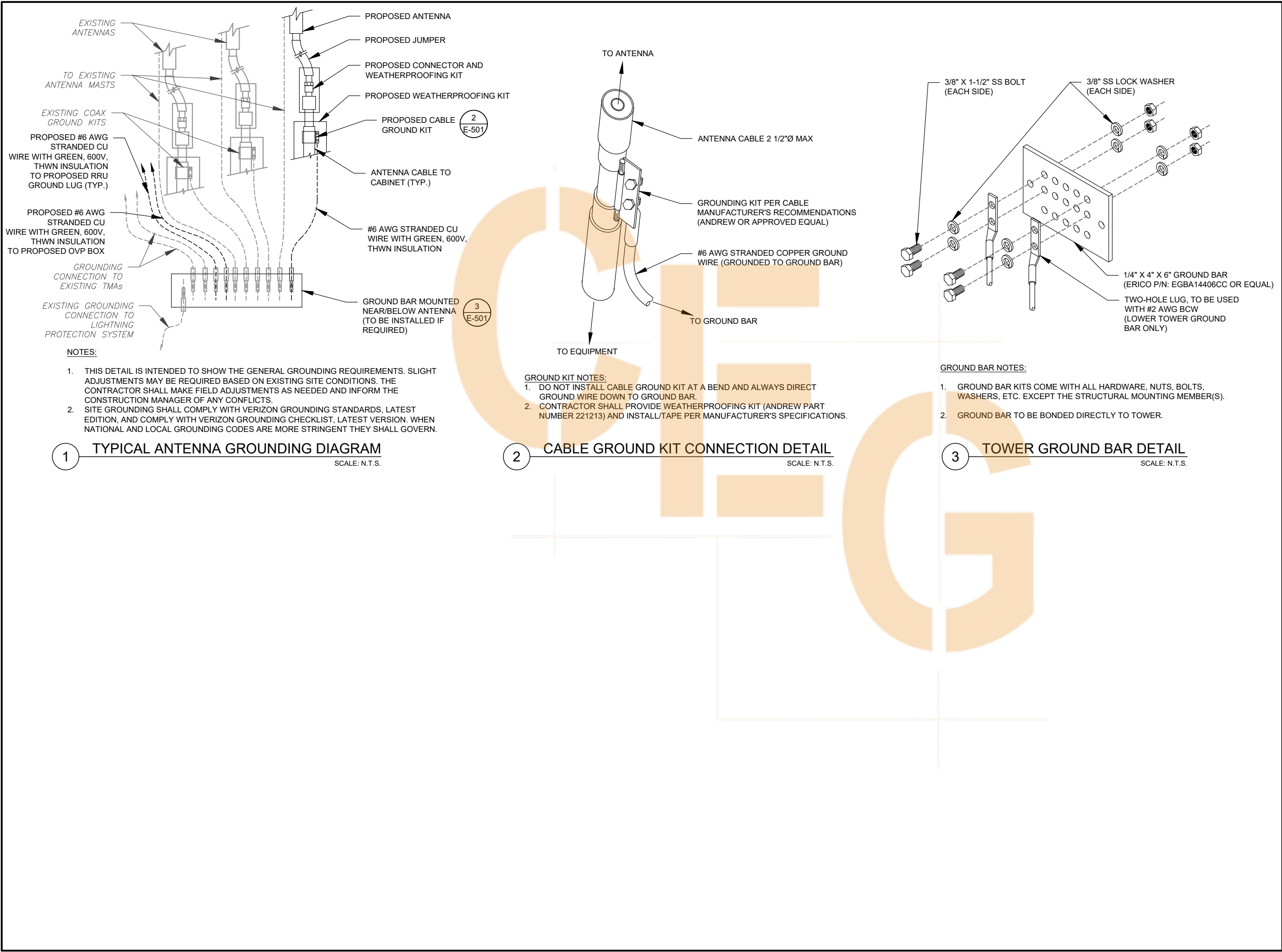
EQUIPMENT DETAILS


SHEET NUMBER:

C-502

REVISION:

A





AMERICAN TOWER®

REV.	DESCRIPTION	BY	DATE
A	PRELIM	SA	10/18/21

ATC SITE NUMBER:
300898


ATC SITE NAME:
ISLAND

VERIZON SITE NAME:
LAX ISLAND

SITE ADDRESS:
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WILMINGTON, CA 90744

SEAL:

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DATE DRAWN:	10/18/21
ATC JOB NO:	13716831
CUSTOMER ID:	LAX ISLAND
CUSTOMER #:	124379

GROUNDING DETAILS

SHEET NUMBER: E-501	REVISION: A
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SUPPLEMENTAL

SHEET NUMBER:
R-601

REVISION:
A