

**INCORPORATED COUNTY OF LOS ALAMOS ORDINANCE NO. 730**

**AN ORDINANCE RATIFYING AND AUTHORIZING AMENDMENT OF A LEASE WITH CELLCO PARTNERSHIP, D/B/A VERIZON WIRELESS FOR REPLACEMENT OF EXISTING ANTENNA COLLOCATION AND FACILITIES AT 280 NORTH MESA ROAD, LOS ALAMOS, ON THE NORTH MESA WATER TOWER**

**WHEREAS**, the Incorporated County of Los Alamos ("County") entered into a Lease for Antenna Collocation and Facilities Site ("Lease") with Verizon Wireless (VAW) LLC, d/b/a Verizon Wireless ("Verizon") on July 21, 2005, for the placement and use of certain wireless telecommunication equipment on the North Mesa Water Tower ("Water Tower"); and

**WHEREAS**, the leased space is located at 280 North Mesa Road, Los Alamos, New Mexico 87544 ("Property") and includes both ground equipment and certain antennas on County's Water Tower; and

**WHEREAS**, Cellco Partnership ("Cellco") became a successor in interest of the Lease with Verizon; and

**WHEREAS**, on December 12, 2022, County received a request from Cellco to modify the existing antenna equipment and Lease on the Water Tower and Property; and

**WHEREAS**, County has worked with Cellco since that time to identify current ground and antenna equipment, including the proposed additions and/or equipment replacements, and reviewed and approved a Cellco-produced structural analysis and engineered site plan; and

**WHEREAS**, the Department of Public Utilities ("DPU") and other affected departments have reviewed the proposed plans and specifications as provided by Cellco and find that the proposed Lease Amendment, attached hereto as Attachment A, is appropriate for the further improvement of wireless telecommunication services within the County.

**BE IT ORDAINED BY THE GOVERNING BODY OF THE INCORPORATED COUNTY OF LOS ALAMOS:**

**Section 1.** The County Council finds ratification and Amendment of the Lease is appropriate and will improve wireless telecommunication services in the County.

**Section 2.** The Utilities Manager is hereby authorized to take all action necessary to carry out the amendment of the Lease with Cellco.

**Section 3. Severability.** Should any section, paragraph, clause or provision of this Ordinance, for any reason, be held to be invalid or unenforceable, the invalidity or unenforceability of such section, paragraph, clause or provision shall not affect any of the remaining provisions of this Ordinance.

**Section 4. Effective Date.** This Ordinance shall become effective thirty (30) days after publication of notice of its adoption.

**Section 5. Repealer.** All other ordinances or resolutions, or parts thereof, inconsistent herewith are hereby repealed only to the extent of such inconsistency. This repealer shall not be construed to revive any ordinance or resolution, or part thereof, heretofore repealed.

**PASSED AND ADOPTED** this 26<sup>th</sup> day of March 2024.

**COUNCIL OF THE INCORPORATED  
COUNTY OF LOS ALAMOS, NEW MEXICO**

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**Denise Derkacs,  
Council Chair**

**ATTEST: (Seal)**

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**Naomi D. Maestas,  
Los Alamos County Clerk**

**AMENDMENT NO. 3**

**LEASE FOR ANTENNA COLLOCATION AND FACILITIES SITE**

**Between**

**INCORPORATED COUNTY OF LOS ALAMOS,**

**An Incorporated County of the State of New Mexico,**

**As Landlord**

**And**

**CELLCO PARTNERSHIP, D/B/A VERIZON WIRELESS,**

**As Tenant**

This **AMENDMENT NO. 3** is entered into by and between the **Incorporated County of Los Alamos**, an incorporated county of the State of New Mexico ("County" or "Landlord"), and **Cellco Partnership, d/b/a Verizon Wireless** ("Tenant"), to be effective for all purposes April 1, 2024.

**WHEREAS**, the original solicitation for Wireless Communications Facilities Lease, Request for Proposals, No. 2002-1350 (the "RFP") was issued on November 13, 2001; and

**WHEREAS**, County and Tenant, or their predecessors-in-interest, entered into a Lease Agreement for Antenna Collocation and Facilities Site ("Lease Agreement") on July 21, 2005, with the Primary Term of sixty (60) months. The Lease Agreement gave Tenant the right to extend the lease term for five (5) periods of five (5) years each by giving written notice of renewal to County at least ninety (90) days prior to the expiration of the then-current lease term; and

**WHEREAS**, the Primary Term was extended on October 1, 2010; and

**WHEREAS**, the Lease Agreement was amended pursuant to a certain Amendment No. 1 effective April 30, 2011 ("Amendment No. 1"); and

**WHEREAS**, the Lease Agreement was amended pursuant to a certain Amendment No. 2 effective October 1, 2015 ("Amendment No. 2"); and

**WHEREAS**, Tenant wishes to modify some of the major equipment to be used on the site identified in amended Exhibit B-3 of the Lease Agreement. Tenant will replace all nine (9) existing panel antennas with nine (9) new panel antennas; remove six (6) existing Tower Mounted Amplifier (TMA) units; install three (3) new Remote Radio Head (RRH) units; retain six (6) RRH units; retain one (1) hybrid line of coax; retain twelve (12) coaxial cables, Remote Electrical Tilt (RET); and retain one (1) twelve port junction box. All new equipment will be mounted at the very same location and heights as the existing antennas, will not extend beyond their current top height, and the modification will have no impact on the current facility's ground footprint, nor will it require any ground or water tank disturbance, all and only as shown in the ten (10) page plan set last revised on April 6, 2023 ("Plans") that are attached hereto as Exhibit B-4 and incorporated herein by this reference; and

**WHEREAS**, Tenant intends that Landlord rely on and Landlord does rely on the accuracy and reliability of all of the information in Exhibits B-4 (engineered plans); and

**WHEREAS**, Council now ratifies and affirms the award of this Amendment No. 3 and finds that ratification and affirmation of this Amendment No. 3 is in the best interest of County; and

**WHEREAS**, The Board of Public Utilities approved this Amendment No. 3 at a public meeting held on February 21, 2024; and

**WHEREAS**, the County Council approved this Amendment No. 3, by Ordinance No. 730, at a public meeting held on March 26, 2024.

**NOW, THEREFORE**, for good and valuable consideration, County and Tenant agree as follows:

**I.** The Tenant agrees that in connection with this Amendment No. 3 the County is acting solely within its proprietary rights and authority as a property owner.

**II.** To include a new Exhibit B-3 attached hereto, in its entirety. Exhibit B-3 is intended to supplement Exhibit B and Exhibit B-1 to the Lease Agreement. To the extent of a conflict between Exhibit B or Exhibit B-1 and Exhibit B-3, Exhibit B-3 shall control.

**III.** **ADMINISTRATIVE AND SITE REVIEW FEE.** Within ninety (90) days after the parties fully execute this Amendment No. 3, Tenant shall pay to Landlord a nonrefundable one-time administrative and site review fee equal to FIFTEEN THOUSAND DOLLARS (\$15,000.00) to cover Landlord's costs to review and execute this Amendment No. 3. The Administrative and Site Review Fee shall not be any offset to any Rental owed under this Third Amendment and is fully earned and non-refundable by Landlord upon the full execution of this Third Amendment.

Except as expressly modified by this Amendment No. 3, the Lease Agreement is hereby ratified and reaffirmed, and the terms and conditions of the Lease Agreement remain unchanged and in effect.

**IN WITNESS WHEREOF**, the parties have executed this Amendment No. 3 on the date(s) set forth opposite the signatures of their authorized representatives to be effective for all purposes on April 1, 2024.

**ATTEST**

**INCORPORATED COUNTY OF LOS ALAMOS**

\_\_\_\_\_  
**NAOMI D. MAESTAS**  
**COUNTY CLERK**

**BY:** \_\_\_\_\_ **DATE**  
**PHILO S. SHELTON III, P.E.**  
**UTILITIES MANAGER**

**Approved as to form:**

\_\_\_\_\_  
**J. ALVIN LEAPHART**  
**COUNTY ATTORNEY**

STATE OF NEW MEXICO            )  
  : SS  
COUNTY OF LOS ALAMOS        )

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of March 2024,  
by Philo S. Shelton III, P.E., Utilities Manager for the Incorporated County of Los Alamos.

\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires:

\_\_\_\_\_

Cellco Partnership,  
D/B/A Verizon Wireless

By:

\_\_\_\_\_  
Name:

\_\_\_\_\_  
Date:

\_\_\_\_\_  
Title:

STATE OF ARIZONA                    )  
  : SS  
COUNTY OF MARICOPA            )

On \_\_\_\_\_, 2024, before me, \_\_\_\_\_,  
Notary Public, \_\_\_\_\_, who proved to me on the basis of satisfactory  
evidence to be the person whose name is subscribed to the within instrument and  
acknowledged to me that he executed the same in his authorized capacity, and that by his  
signature on the instrument the person, or the entity upon behalf of which the person acted,  
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Arizona that the  
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of notary Public

(Seal)

EXHIBIT B-3

Amendment No. 3

Verizon North Mesa Water Tower Equipment Changes

REMOVING:

- Nine (9) existing panel antennas
- Six (6) existing TMA Units

INSTALLING:

- Nine (9) new panel antennas
- Three (3) RRH units

RETAINING:

- Six (6) RRH Units
- One (1) hybrid line of coax
- Twelve (12) coaxial cables (RET)
- One (1) twelve port junction box





VERIZON SITE NAME: **NM4 QUEMAZON**

SITE ADDRESS: 280 N MESA RD  
LOS ALAMOS, NM 87544

SITE TYPE: EXISTING COMMUNICATION SITE  
PROJECT TYPE: 5G L-SUB6 - CARRIER ADD



**SPECIFIC LOCATION MAP**  
DRIVING DIRECTIONS

DIRECTION: FROM 4821 EUBANK BLVD NE HEAD SOUTH ON EUBANK BLVD., TURN RIGHT AND HEAD WEST ONTO MONTGOMERY BLVD., TURN RIGHT AND HEAD NORTH ONTO I-25 FOR 60 MILES TO EXIT #282 IN SANTA FE, TAKE US84/JUS 285 NORTH TO POJAOQUE AND HWY 502, TURN LEFT HEADING WEST FOR 16 MILES TO LOS ALAMOS, PASSING THE AIRPORT ON THE MESA, CONTINUE PAST THE "Y" IN THE ROAD AT CENTRAL AND STAY ON TRINITY FOR ABOUT 1.5 MILES UNTIL DIAMOND DRIVE, TURN RIGHT ON DIAMOND AND HEAD NORTHEAST FOR ABOUT 1.5 MILES, PASSING THE GOLF COURSE TO THE ROUND ABOUT, PROCEED THROUGH ROUND ABOUT TO MESA, FOLLOW MESA TO THE TOP OF THE HILL AND THE WATER TANK.



**PROPERTY INFORMATION**

SITE COORDINATES: (LAT/LONG)	35.896674° / -106.295104° 35° 53' 48.02"N / 106° 17' 42.37"W
GROUND ELEV:	7349± AMSL (NAVD88)
JURISDICTION:	LOS ALAMOS COUNTY
COUNTY:	LOS ALAMOS COUNTY
CITY/TOWN:	LOS ALAMOS
APPLICANT/LESSEE ADDRESS:	VERIZON WIRELESS 4821 EUBANK BLVD. NE ALBUQUERQUE, NM 87111
TOTAL LEASE AREA:	XXXX SQ. FT.
PROPERTY OWNER ADDRESS:	INCORPORATED COUNTY OF LOS ALAMOS 2451 CENTRAL AVE, SITE A LOS ALAMOS, NM 87544
CONTACT: PHONE:	TIM GLASCO 505.662.8148
TOWER OWNER ADDRESS:	INCORPORATED COUNTY OF LOS ALAMOS 2451 CENTRAL AVE, SITE A LOS ALAMOS, NM 87544
CONTACT: PHONE:	TIM GLASCO 505.662.8148
POWER COMPANY:	XXXX
TELCO COMPANY:	XXXX

**PROJECT TEAM**

SITE REP:	VERIZON CONSTRUCTION MANAGER BRANDON STATION 505.991.6330
ENGINEERING FIRM ADDRESS:	COMSITE ENGINEERING, LLC 3060 MERCER UNIVERSITY DR. SUITE 210 ATLANTA, GA 30341
CONTACT: PHONE:	PATRICK COLLINS 404.825.0981
STRUCTURAL ENGINEER ADDRESS:	GEOSTRUCTURAL, LLC. P.O. BOX 2621 BOISE, ID 83701

**APPROVALS**

DATE:	
VERIZON SITE AD:	
VERIZON RF:	
VERIZON CONST.:	
VERIZON OPS:	
LANDLORD:	

**PROJECT DESCRIPTION & SCOPE**

THIS PROJECT WILL BE COMPRISED OF:

CHANGES TO THE EXISTING VERIZON TOWER EQUIPMENT:

- REMOVE (9) EXISTING ANTENNAS
- REMOVE (6) EXISTING DIPLEXERS
- INSTALL (9) NEW ANTENNAS
- INSTALL (5) NEW CBRS RRH'S

CHANGES IN THE EXISTING VERIZON EQUIPMENT AREA:

- INSTALL (1) NEW C-BAND 6648 BBU

**CONTRACTOR GENERAL NOTES**

- PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE SCOPE OF WORK AND ALL CONDITIONS AFFECTING THE PROPOSED PROJECT.
- CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS OF THE JOB SITE AND CONFIRM THAT WORK AS INDICATED ON THESE CONSTRUCTION DOCUMENTS CAN BE ACCOMPLISHED AS SHOWN PRIOR TO COMMENCEMENT OF ANY WORK.
- ALL FIELD MODIFICATIONS BEFORE, DURING, OR AFTER CONSTRUCTION SHALL BE APPROVED IN WRITING BY A VERIZON WIRELESS REPRESENTATIVE.
- INSTALL ALL EQUIPMENT AND MATERIALS PER THE MANUFACTURER'S RECOMMENDATIONS, UNLESS INDICATED OTHERWISE.
- NOTIFY VERIZON WIRELESS, IN WRITING, OF ANY MAJOR DISCREPANCIES REGARDING THE CONTRACT DOCUMENTS, EXISTING CONDITIONS, AND DESIGN INTENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATIONS FROM A VERIZON WIRELESS REPRESENTATIVE AND ADJUSTING THE BID ACCORDINGLY.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF THE WORK UNDER THE CONTRACT.
- CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS AND FINISHES THAT ARE TO REMAIN. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY OCCUR DURING THE CONSTRUCTION TO THE SATISFACTION OF A VERIZON WIRELESS REPRESENTATIVE.
- THE CONTRACTOR IS RESPONSIBLE FOR RED-LINING THE CONSTRUCTION PLANS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE, FOLLOWING THE FINAL INSPECTION BY VERIZON WIRELESS, THE CONTRACTOR SHALL PROVIDE VERIZON WIRELESS WITH ONE COPY OF ALL RED-LINED DRAWINGS.
- VERIFY ALL FINAL EQUIPMENT WITH A VERIZON WIRELESS REPRESENTATIVE. ALL EQUIPMENT LAYOUT, SPECS, PERFORMANCE INSTALLATION AND THEIR FINAL LOCATION ARE TO BE APPROVED BY VERIZON WIRELESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS/HER WORK WITH THE CLEARANCES REQUIRED BY OTHERS RELATED TO SAID INSTALLATIONS.

**DRAWING INDEX**

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**ZONING NOTES**

**ABANDONMENT:**  
ALL WIRELESS TELECOMMUNICATIONS FACILITIES WHICH ARE NOT IN USE FOR THREE CONSECUTIVE MONTHS SHALL BE REMOVED BY THE WIRELESS TELECOMMUNICATIONS FACILITY OWNER. THIS REMOVAL SHALL TAKE PLACE WITHIN THREE MONTHS OF THE END OF SUCH THREE MONTH PERIOD. UPON REMOVAL THE SITE SHALL BE REVEGETATED TO BLEND IN WITH THE EXISTING SURROUNDING VEGETATION.

**HEALTH ISSUES:**  
EVERY WIRELESS TELECOMMUNICATIONS FACILITY SHALL MEET HEALTH AND SAFETY STANDARDS FOR ELECTROMAGNETIC FIELD EMISSIONS AS ESTABLISHED BY THE FEDERAL COMMUNICATIONS COMMISSION OR ANY SUCCESSOR THEREOF, AND ANY OTHER FEDERAL OR STATE AGENCY.

**EGG:**  
EVERY WIRELESS COMMUNICATIONS FACILITY SHALL MEET THE REGULATIONS OF THE FCC REGARDING PHYSICAL AND ELECTROMAGNETIC INTERFERENCE. THE ONLY SIGNAGE WHICH IS PERMITTED IS THAT WHICH IS REQUIRED BY STATE AND FEDERAL LAW.

**EVERY WIRELESS TELECOMMUNICATIONS FACILITY SHALL MEET THE NIGHT SKY RESTRICTIONS OF THE COMPREHENSIVE CITY ZONING CODE. LIGHTING OR SIGNS WILL BE PROVIDED ONLY AS REQUIRED BY FEDERAL OR STATE AGENCIES.**

**FCC COMPLIANCE:**  
RADIATION FROM THIS FACILITY WILL NOT INTERFERE WITH OPERATION OF OTHER COMMUNICATION DEVICES. THIS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. LANDINGS AND EXITS SHALL COMPLY WITH ALL APPLICABLE BUILDINGS CODES.

**CODE COMPLIANCE NOTES**

ALL CONTRACTOR'S & SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

**BUILDING CODE:** INTERNATIONAL BUILDING CODE 2015  
**ELECTRICAL CODE:** NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70  
NATIONAL ELECTRICAL CODE 2014  
**LIGHTNING PROTECTION CODE:** NFPA 780 - 2014, LIGHTNING PROTECTION CODE

ALL CONTRACTOR'S & SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

- AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION
- TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES;
- TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS
- INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM
- IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRONIC EQUIPMENT
- IEEE 682.41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY "C3" AND "HIGH SYSTEM EXPOSURE")
- TELCORDIA GR-1275, GENERAL INSTALLATION REQUIREMENTS
- TELCORDIA GR-1503, COAXIAL CABLE CONNECTIONS
- ANSI T1.311, FOR TELECOM - DC POWER SYSTEMS - TELECOM, ENVIRONMENTAL PROTECTION

**GENERAL COMPLIANCE**

- NO HAZARDOUS OR COMBUSTIBLE MATERIAL WILL BE STORED WITHIN THE FACILITY.
- DEVELOPMENT AND USE OF THIS SITE WILL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES. FIRE COMPLIANCE
- CONTRACTOR TO PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF 2A-10BC OR BETTER.
- CONTRACTOR TO INSTALL FIRE DEPARTMENT APPROVED "KNOX BOX" PER DEPARTMENT REGULATIONS.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO PERFORM ANY WORK THAT IS THE RESPONSIBILITY OF AN ENGINEER. VERIZON WIRELESS, LLC AND COMSITE ENGINEERING, LLC DISCLAIM ALL LIABILITY ASSOCIATED WITH THE REUSE, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.

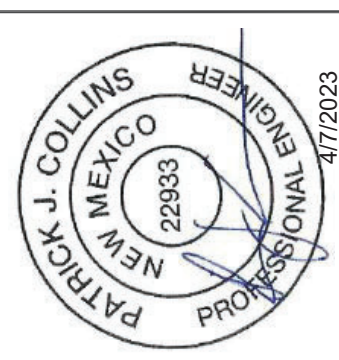
SITE NAME: **NM4 QUEMAZON**

ADDRESS: 280 N MESA RD  
LOS ALAMOS, NM 87544

SITE TYPE: WATER TANK

SHEET TITLE: **TITLE SHEET**

SHEET NUMBER: **T1**









DIVISION 01000 — GENERAL REQUIREMENTS

PART 1 — GENERAL

- ALL WORK TO BE PERFORMED BY CERTIFIED NETWORK INSTALLATION PERSONNEL. MINIMUM OF TWO MEMBERS PER CREW.
- REFER TO VERIZON WIRELESS STANDARD CONSTRUCTION SPECIFICATIONS. IN CASE OF A CONFLICT, VERIZON WIRELESS STANDARD CONSTRUCTION SPECIFICATIONS (LATEST EDITION) SHALL BE FOLLOWED.
- A STRUCTURAL ANALYSIS SHALL BE PERFORMED BY THE OWNER'S AGENT TO CERTIFY THAT THE EXISTING/PROPOSED COMMUNICATION STRUCTURE AND ITS COMPONENTS ARE STRUCTURALLY ADEQUATE TO SUPPORT THE EXISTING AND PROPOSED ANTENNAS, COAXIAL CABLES AND APPURTENANCES. PRIOR TO THE INSTALLATION OF THE PROPOSED EQUIPMENT OR MODIFICATION OF THE EXISTING STRUCTURE, THE OWNER'S AGENT SHALL FURNISH A CERTIFICATION LETTER SEALED BY A REGISTERED PROFESSIONAL ENGINEER.

PART 2 — GENERAL NOTES

- THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
- THE ARCHITECT/ENGINEER HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND/OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
- THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) VERIZON WIRELESS'S REPRESENTATIVE OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK.
- THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
- THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BIDS OR PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS.
- THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS / CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- THE CONTRACTOR SHALL MAINTAIN A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUM'S OR CLARIFICATIONS AVAILABLE FOR THE USE OF ALL PERSONNEL INVOLVED WITH THE PROJECT.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
- THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING SITE CONDITIONS DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
- THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE ALL UNNECESSARY MATERIAL.

PART 2 — GENERAL NOTES (CONTINUED)

- THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT SECTIONS OF THE STATE BASIC BUILDING CODE, LATEST EDITION, AND ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT. 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 THE ARCHITECT/ENGINEER.
- THE CONTRACTOR SHALL NOTIFY VERIZON WIRELESS'S REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL THE CONFLICT IS RESOLVED BY VERIZON WIRELESS'S REPRESENTATIVE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.
- THE CONTRACTOR SHALL NOTIFY THE RF ENGINEER FOR ANTENNA AZIMUTH VERIFICATION (DURING ANTENNA INSTALLATION) PRIOR TO CONDUCTING SITE SWEEPING.
- THE GENERAL CONTRACTOR SHALL IN ALL INSTANCES CONFORM TO THE SPECIFICATIONS ISSUED BY VERIZON WIRELESS.
- PROVIDE CORE DRILLING AS NECESSARY FOR PENETRATIONS OR RISERS THROUGH THE BUILDING. DO NOT PENETRATE STRUCTURAL MEMBERS WITHOUT STRUCTURAL ENGINEER'S APPROVAL. SLEEVES AND/OR PENETRATIONS IN FIRE RATED CONSTRUCTION SHALL BE PACKED WITH FIRE RATED MATERIAL WHICH SHALL MAINTAIN THE FIRE RATING OF THE STRUCTURE. FILL FOR FLOOR PENETRATIONS SHALL PREVENT PASSAGE OF WATER, SMOKE FIRE AND FUMES. ALL MATERIAL SHALL BE UL APPROVED FOR THIS PURPOSE.

WOOD

- ALL MATERIALS INCLUDING PLYWOOD SHALL BE AS SPECIFIED ON THESE PLANS.

SPECIAL CONSTRUCTION ANTENNA INSTALLATION

PART 1 — GENERAL

- WORK INCLUDED  
A. ANTENNAS AND FIBER CABLES SHALL BE AS SPECIFIED ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL AND PROPERTY. STRICT ADHERENCE TO OSHA STANDARDS IS MANDATED.
- INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND VERIZON WIRELESS SPECIFICATIONS.
- INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.
- INSTALL FIBER CABLES AND TERMINATION'S BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTORS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL FIBER CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.

METALS

PART 1 — GENERAL

- WORK INCLUDED  
A. THE WORK CONSISTS OF THE FABRICATION AND INSTALLATION OF ALL MATERIALS TO BE FURNISHED, AND WITHOUT LIMITING THE GENERALITY THEREOF, INCLUDES ALL EQUIPMENT, LABOR AND SERVICES REQUIRED FOR ALL STRUCTURAL STEEL WORK, INCLUDING ALL ITEMS INCIDENTAL THERETO AS SPECIFIED HEREIN AND AS SHOWN ON THE DRAWINGS. INCLUDING:
  - STEEL FRAMING INCLUDING BEAMS, ANGLES, CHANNELS AND PLATES.
  - WELDING AND BOLTING OF ATTACHMENTS.
- REFERENCE STANDARDS  
A. THE WORK SHALL CONFORM TO THE CODES AND STANDARDS OF THE FOLLOWING AGENCIES AS FURTHER CITED HEREIN:
  - ASTM: AMERICAN SOCIETY FOR TESTING AND MATERIALS, AS PUBLISHED IN "COMPILATION OF ASTM STANDARDS IN BUILDING CODES"
  - AWS: AMERICAN WELDING SOCIETY INC., AS PUBLISHED IN "STANDARD D1.1-2006, STRUCTURAL WELDING CODE"
  - AISC: AMERICAN INSTITUTE FOR STEEL CONSTRUCTION, AS PUBLISHED IN "CODE FOR STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES"; "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".

PART 2 — PRODUCTS

- MATERIALS  
A. STRUCTURAL STEEL SHALL COMPLY WITH THE REQUIREMENTS OF ASTM A36 AND A50 FOR STRUCTURAL STEEL.
- WELDING  
A. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS. CERTIFICATION DOCUMENTS SHALL BE MADE AVAILABLE FOR ENGINEER'S AND/OR OWNER'S REVIEW IF REQUESTED.  
B. WELDING ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING SHALL CONFORM TO ASTM A-233, E70 SERIES. BARE ELECTRODES AND GRANULAR FLUX USED IN THE SUBMERGED ARC PROCESS SHALL CONFORM TO AISC SPECIFICATIONS.  
C. FIELD WELDING SHALL BE DONE AS PER AWS D1.1 REQUIREMENTS VISUAL INSPECTION IS ACCEPTABLE WHEN FILLET SIZES ARE NOT SHOWN.  
D. STUD WELDING SHALL BE ACCOMPLISHED BY CAPACITOR DISCHARGE (CD) WELDING TECHNIQUE USING MIDWEST FASTENERS, INC. CD100 CAPACITOR DISCHARGE STUD WELDER, NELSON STUD WELDER OR EQUAL.  
2.2 PROVIDE STUD FASTENERS OF MATERIALS AND SIZES SHOWN ON DRAWINGS OR AS RECOMMENDED BY THE MANUFACTURER FOR STRUCTURAL LOADINGS REQUIRED.  
2.3 FOLLOW MANUFACTURERS SPECIFICATIONS AND INSTRUCTIONS TO PROPERLY SELECT AND INSTALL STUD WELDS.  
2.03 BOLTING  
A. BOLTS SHALL BE 3/4" Ø (MINIMUM) CONFORMING TO ASTM A325, HOT DIP GALVANIZED OR ASTM A153. NUTS SHALL BE HEAVY HEX TYPE.  
B. ALL BOLTS SHALL BE INSTALLED IN SLIP CRITICAL CONNECTIONS CONFORMING TO AISC, USING THE 1/4" TURN METHOD.  
2.04 FABRICATION  
A. FABRICATION OF STEEL SHALL CONFORM TO THE AISC AND AWS STANDARDS AND CODES.  
2.05 FINISH  
A. ALL STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123.  
2.06 PROTECTION  
A. UPON COMPLETION OF ERECTION INSPECT ALL GALVANIZED STEEL AND PAINT ANY FIELD CUTS, WELDS, OR GALVANIZED BREAKS WITH ZINC BASED PAINT. COLOR TO MATCH THE GALVANIZING PROCESS.  
PART 3 — EXECUTION  
3.01 ERECTION OF STEEL  
A. PROVIDE ALL ERECTION EQUIPMENT, BRACING, PLANKING, FIELD BOLTS, NUTS, WASHERS, DRIFT PINS, AND SIMILAR MATERIALS WHICH DO NOT FORM A PART OF THE COMPLETED CONSTRUCTION BUT ARE NECESSARY FOR ITS PROPER ERECTION.  
B. ERECT AND ANCHOR ALL STRUCTURAL STEEL IN ACCORDANCE WITH AISC REFERENCE STANDARDS. ALL WORK SHALL BE ACCURATELY SET TO ESTABLISHED LINES AND ELEVATIONS AND RIGIDLY FASTENED IN PLACE WITH SUITABLE ATTACHMENTS TO THE CONSTRUCTION OF THE BUILDING.  
C. TEMPORARY BRACING, GUYING AND SUPPORT SHALL BE PROVIDED TO KEEP THE STRUCTURE SAFE AND ALIGNED AT ALL TIMES DURING CONSTRUCTION AND TEMPORARY LOADS AND STAY WITHIN SAFE CAPACITY OF ALL BUILDING COMPONENTS.

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SITE NAME: NM4 QUEMAZON

ADDRESS: 280 N MESA RD  
LOS ALAMOS, NM 87544

SITE TYPE: WATER TANK

SHEET TITLE:

GENERAL NOTES:  
TOWERS

SHEET NUMBER:

GN2







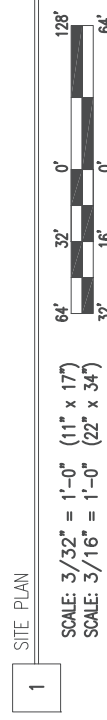
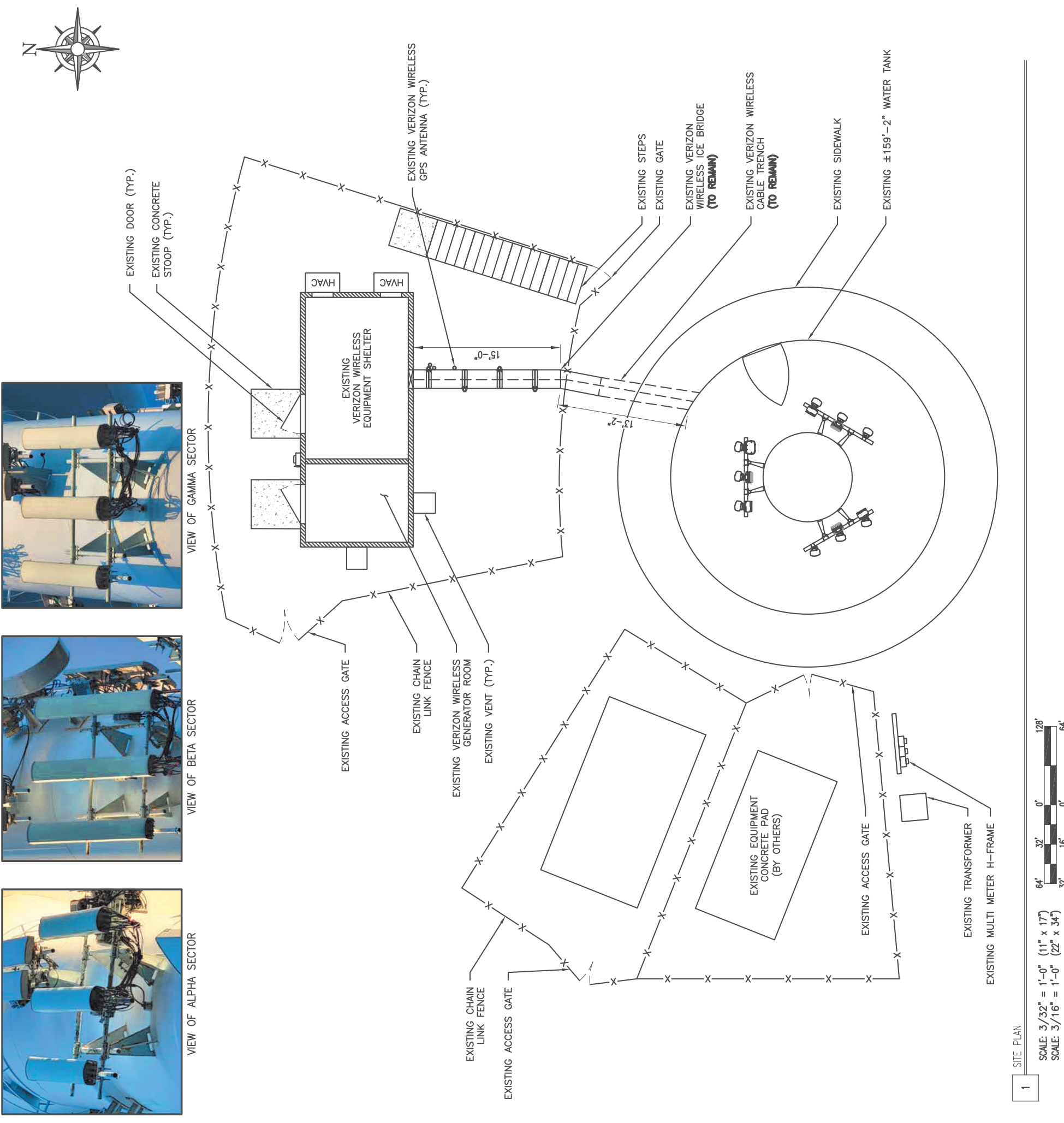
DRAWN BY:	MA	CHECKED BY:	PC
REV	DATE	DESCRIPTION	
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A	04/05/23	ISSUED FOR REVIEW	



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ADDRESS: 280 N MESA RD  
LOS ALAMOS, NM 87544  
SITE TYPE: WATER TANK

SHEET TITLE: **SITE PLAN**  
SHEET NUMBER: **C1**



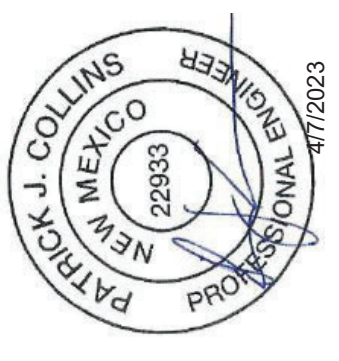
**NOTE:**

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- HVAC LOADING AND ELECTRICAL DESIGNS AND COORDINATION BY OTHERS.
- INFORMATION SHOWN FOR DEPICTION PURPOSES ONLY. THIS INFORMATION IS NOT A LEGAL BOUNDARY SURVEY AND SHOULD NOT BE USED AS SUCH.
- EXISTING UNDERGROUND UTILITIES ARE LIKELY TO BE PRESENT THROUGHOUT THE COMPOUND. THE EXACT LOCATIONS ARE UNKNOWN. CONTRACTOR TO CONDUCT UNDERGROUND UTILITY LOCATES PRIOR TO CONSTRUCTION.





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REV	DATE	DESCRIPTION	
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A	04/05/23	ISSUED FOR REVIEW	

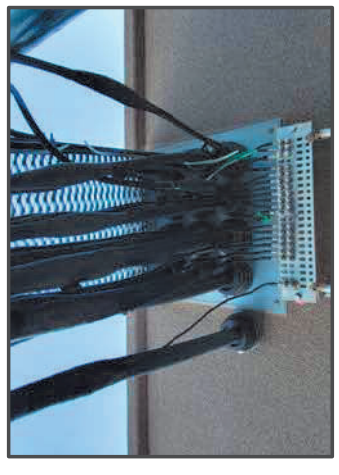
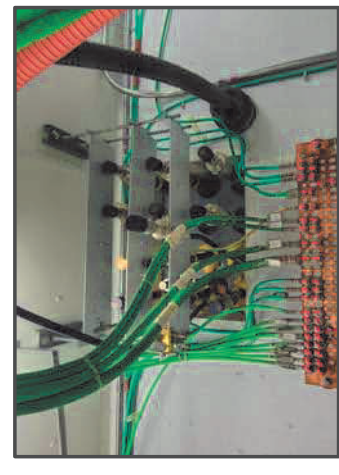
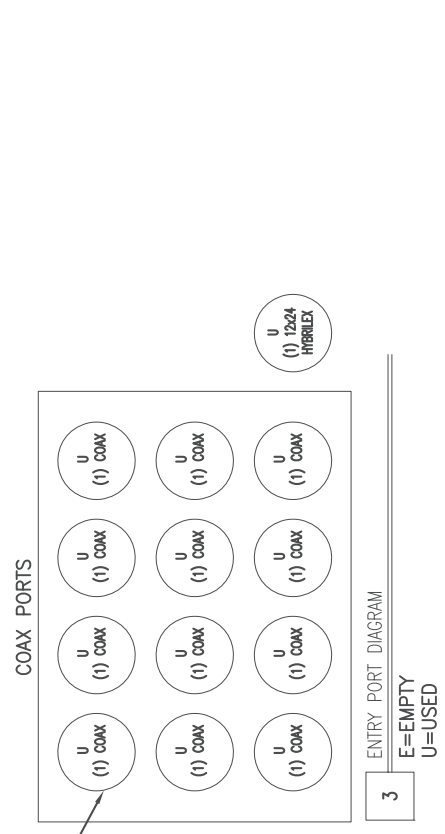


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SITE NAME: NM4 QUEMAZON  
 ADDRESS: 280 N MESA RD  
 LOS ALAMOS, NM 87544  
 SITE TYPE: WATER TANK

SHEET TITLE:  
**EXISTING EQUIPMENT PLAN**

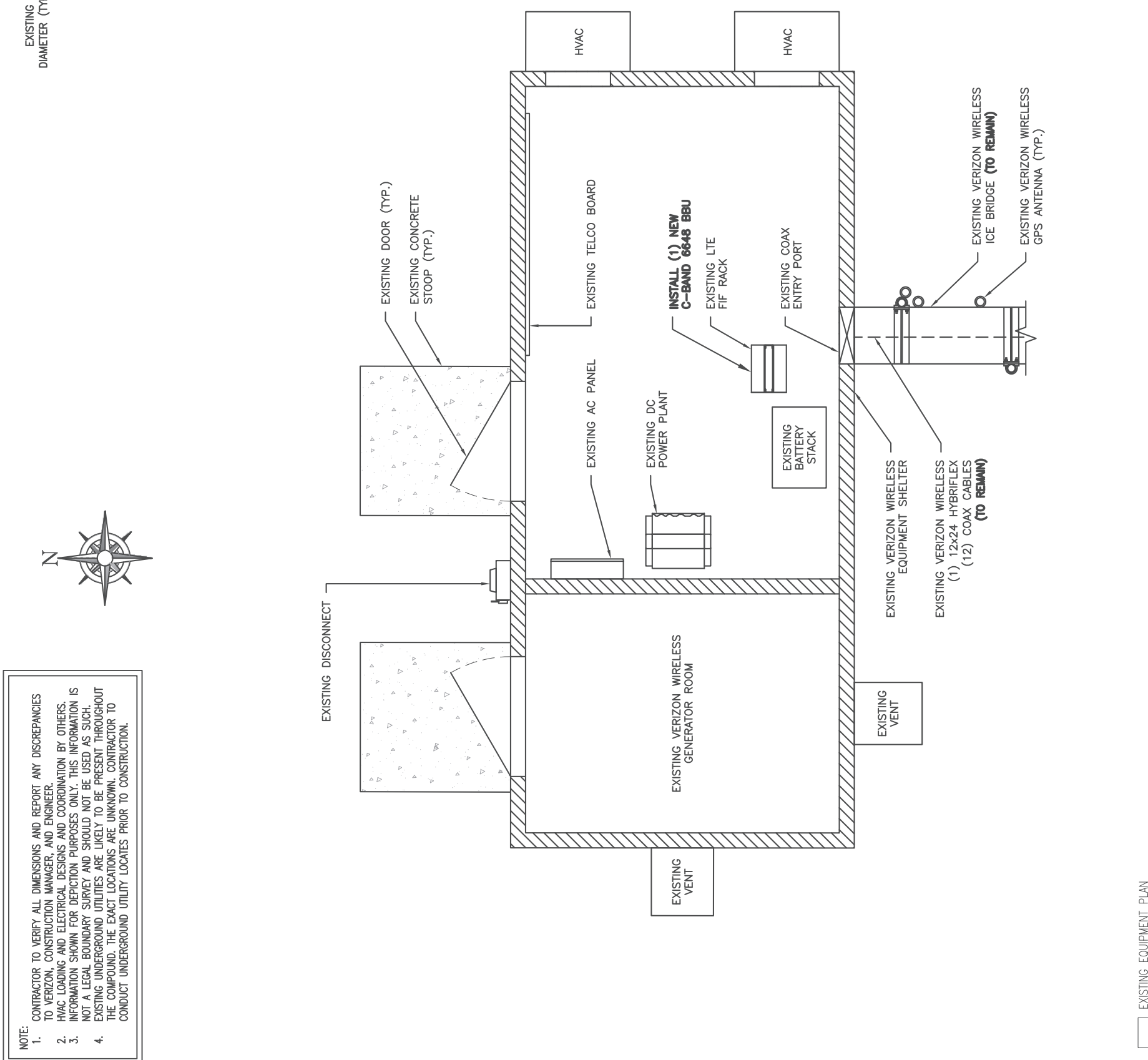
SHEET NUMBER:  
**C2**



EXISTING ESTIMATED CABLE LENGTHS\*

SECTOR	ALPHA	BETA	GAMMA
HORZ.	±38'	±38'	±38'
VERT	±107'	±107'	±107'
+10%	±15'	±15'	±15'
TOTAL <FT>	±160'	±160'	±160'

\*ALL DIMENSIONS TO BE VERIFIED IN FIELD (V.I.F.)



NOTE:  
 1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO VERIZON, CONSTRUCTION MANAGER, AND ENGINEER.  
 2. HVAC LOADING AND ELECTRICAL DESIGNS AND COORDINATION BY OTHERS.  
 3. INFORMATION SHOWN FOR DEPICTION PURPOSES ONLY. THIS INFORMATION IS NOT A LEGAL BOUNDARY SURVEY AND SHOULD NOT BE USED AS SUCH.  
 4. EXISTING UNDERGROUND UTILITIES ARE LIKELY TO BE PRESENT THROUGHOUT THE COMPOUND. THE EXACT LOCATIONS ARE UNKNOWN. CONTRACTOR TO CONDUCT UNDERGROUND UTILITY LOCATES PRIOR TO CONSTRUCTION.

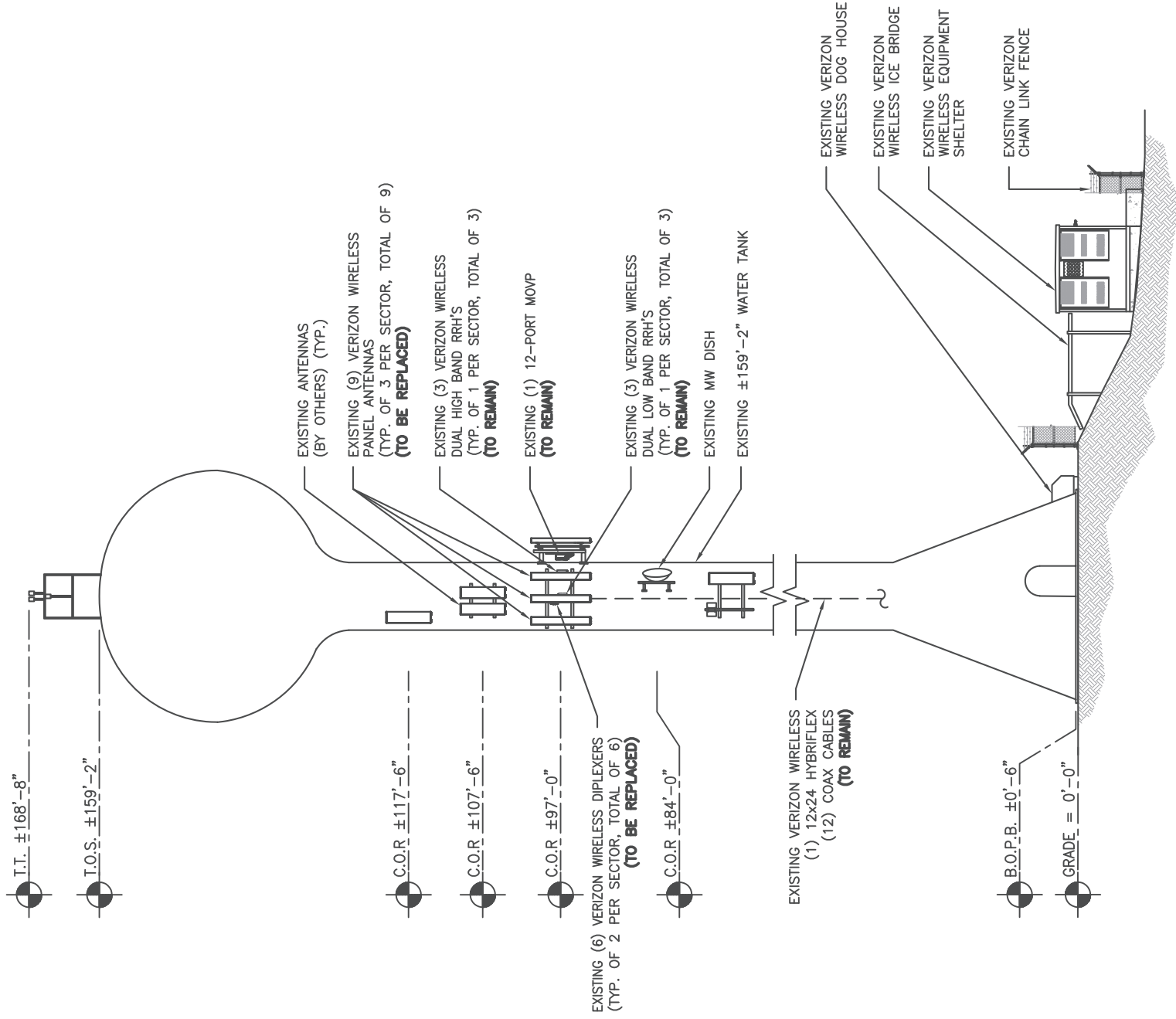
EXISTING EQUIPMENT PLAN  
 SCALE: 1/4" = 1'-0" (11" x 17")  
 SCALE: 1/2" = 1'-0" (22" x 34")

COAX CONFIGURATION & CABLE LENGTHS

2

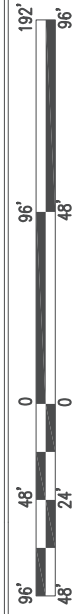


NOTE:  
CONTRACTOR TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO VERIZON CONSTRUCTION MANAGER AND ENGINEER

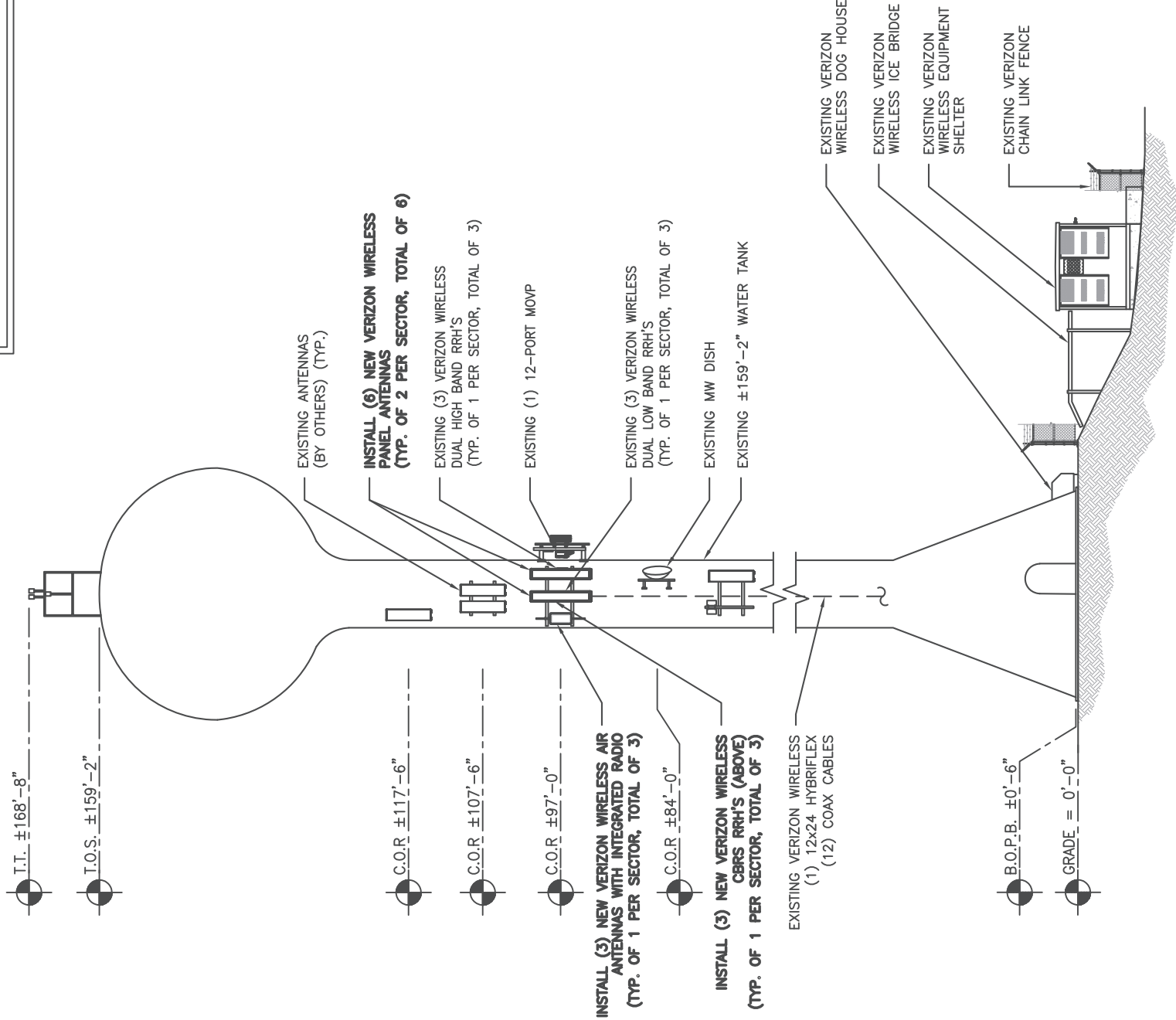


1 EXISTING ELEVATION

SCALE: 1" = 1/8'-0" (11" x 17")  
SCALE: 1" = 1/4'-0" (22" x 34")



NOTE:  
INSTALL ALL ANTENNAS AND EQUIPMENT PER THE MOUNT & STRUCTURAL ANALYSIS. COORDINATE ANY MODIFICATIONS WITH VERIZON WIRELESS CM AND ENGINEER.



2 PROPOSED ELEVATION

- COMSITE ENGINEERING, LLC HAS NOT PERFORMED A STRUCTURAL ANALYSIS FOR THE STRUCTURAL CAPACITY OF THE TOWER, FOUNDATION, MOUNTS, ANTENNAS, RADIOS, CABLES OR ANY OTHER APPURTENANCE ON THE STRUCTURE. THE CONTRACTOR AND SUBCONTRACTOR SHALL COORDINATE WITH AND COMPLY WITH THE PROVISIONS OF THE STRUCTURAL ANALYSIS PREPARED BY OTHERS FOR THIS SITE AND PROJECT PRIOR TO THE INSTALLATION OF ANY EQUIPMENT ON THE STRUCTURE. IMMEDIATELY REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND THE STRUCTURAL ANALYSIS TO VERIZON AND THE ENGINEER.
- REFER TO THE STRUCTURAL ANALYSIS AND/OR STRUCTURAL LETTER FOR THE APPROVAL OF ALL MODIFICATIONS TO AND ADDING EQUIPMENT OF NEW APPURTENANCES.
- REFER TO ADDITIONAL DRAWINGS SPECIFIC TO STRUCTURE REINFORCEMENT FOR THIS SITE SHOULD THERE BE A REQUIREMENT FOR ANY REINFORCEMENT.
- REFER TO STRUCTURAL ANALYSIS FOR COAXIAL AND OTHER CABLE SUPPORT AND CONFIGURATION DETAILS.
- REFER TO STRUCTURAL ANALYSIS FOR ALL CARRIERS' APPURTENANCES AS THEY MAY NOT BE SHOWN IN ELEVATION DETAIL.



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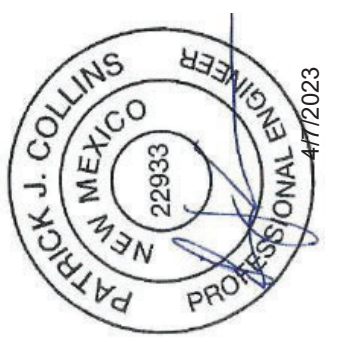
SITE NAME: NM4 QUEMAZON  
ADDRESS: 280 N MESA RD LOS ALAMOS, NM 87544  
SITE TYPE: WATER TANK

SHEET TITLE:  
**TOWER ELEVATION**  
**EXISTING/ PROPOSED**

SHEET NUMBER:  
**C3**



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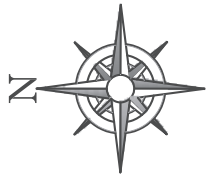


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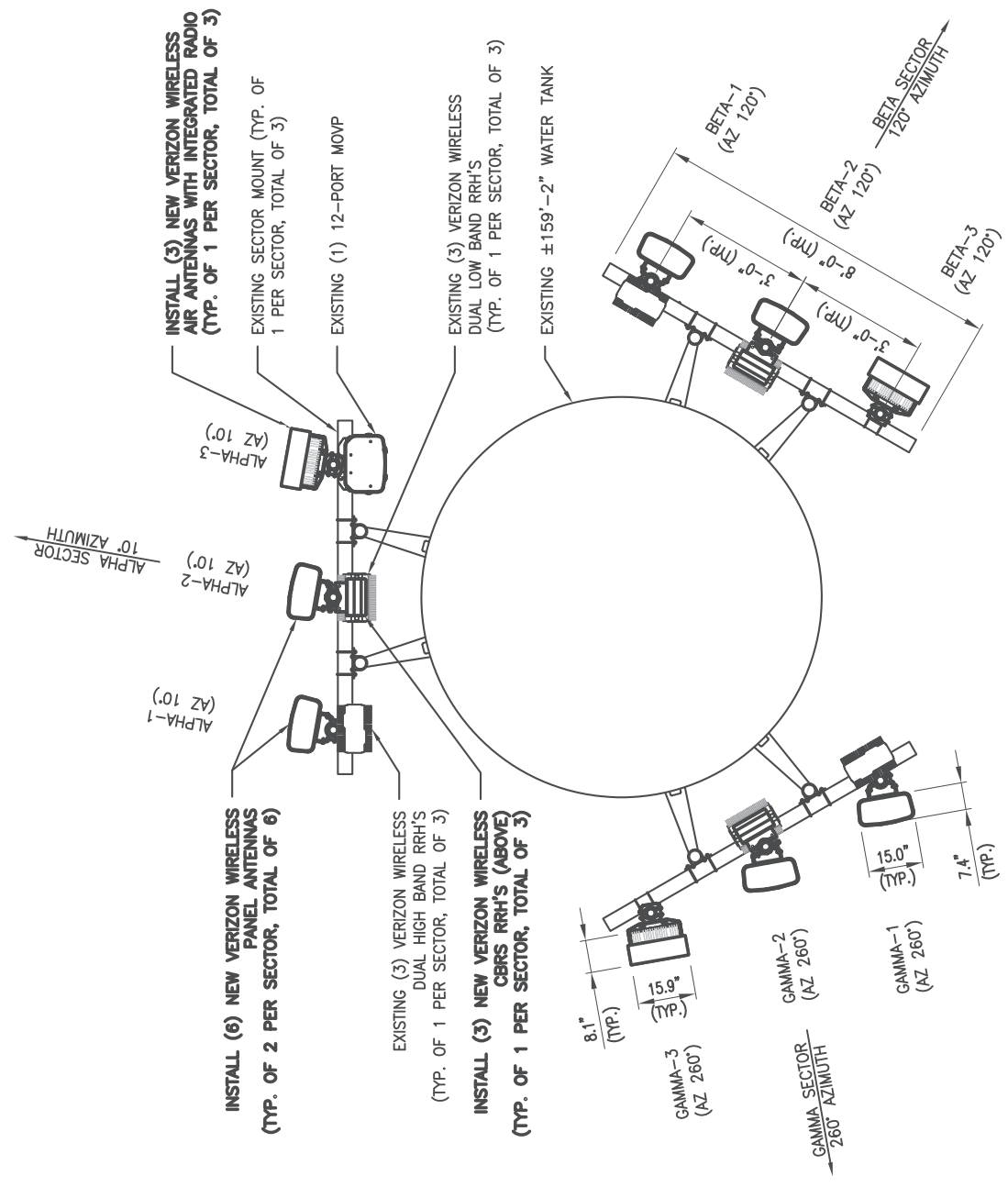
SITE NAME: NM4 QUEMAZON  
ADDRESS: 280 N MESA RD  
LOS ALAMOS, NM 87544  
SITE TYPE: WATER TANK

SHEET TITLE:  
**ANTENNA PLAN  
EXISTING / PROPOSED**

SHEET NUMBER:  
**C4**



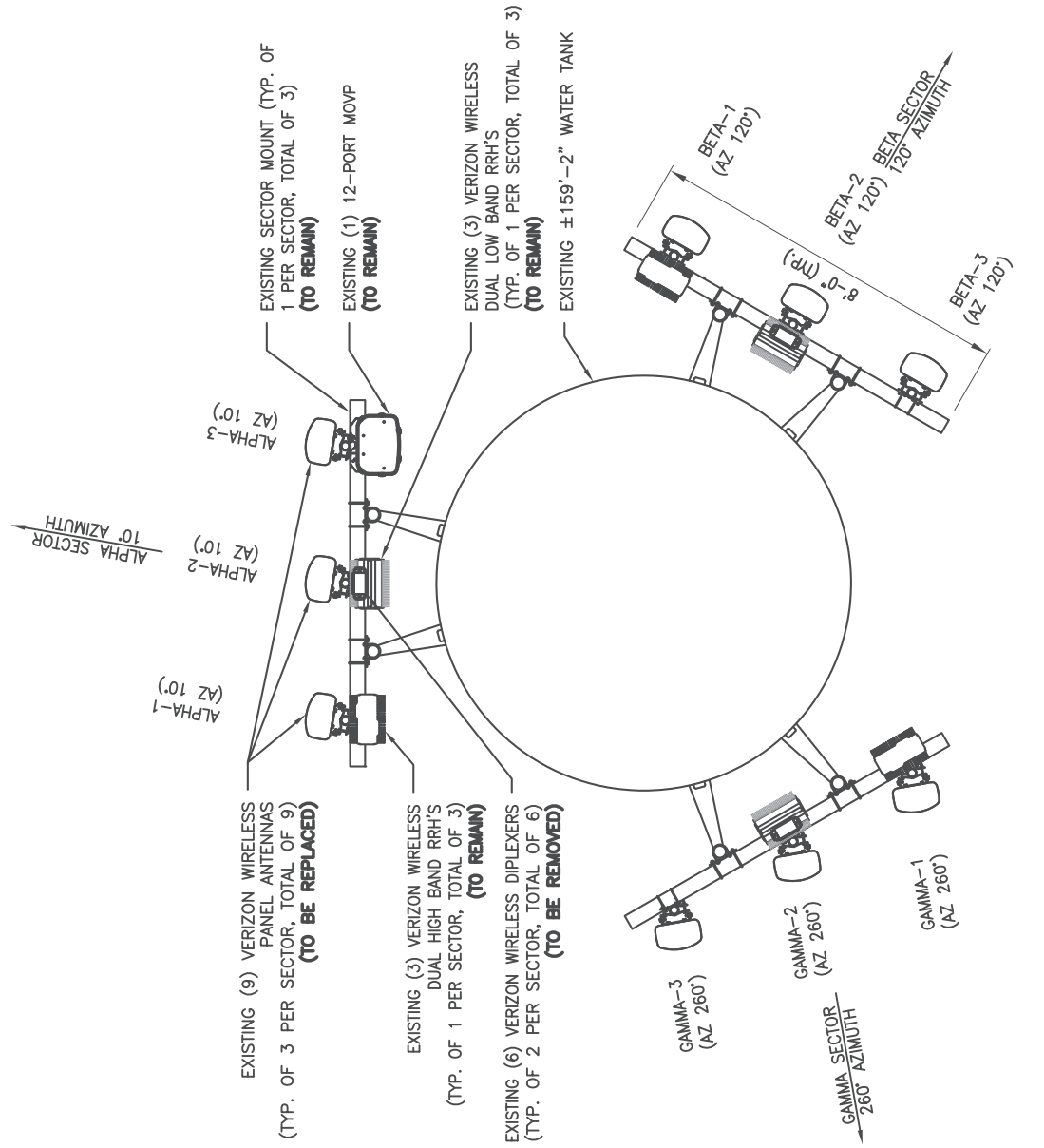
NOTE:  
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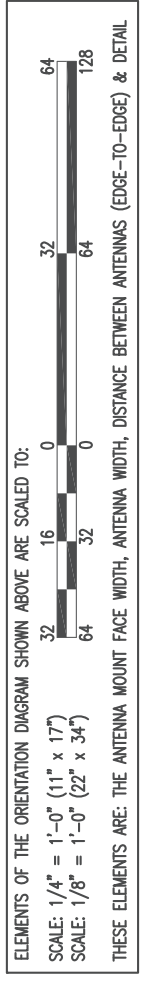
2 PROPOSED ANTENNA PLAN

- COMSITE ENGINEERING, LLC HAS NOT PERFORMED A STRUCTURAL ANALYSIS FOR THE STRUCTURAL CAPACITY OF THE TOWER, FOUNDATION, MOUNTS, ANTENNAS, RADIOS, CABLES OR ANY OTHER APPURTENANCE ON THE STRUCTURE. THE CONTRACTOR AND SUBCONTRACTOR SHALL COORDINATE WITH AND COMPLY WITH THE PROVISIONS OF THE STRUCTURAL ANALYSIS PREPARED BY OTHERS FOR THIS SITE AND PROJECT PRIOR TO THE INSTALLATION OF ANY EQUIPMENT ON THE STRUCTURE. IMMEDIATELY REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND THE STRUCTURAL ANALYSIS TO VERIZON AND THE ENGINEER.
- REFER TO THE STRUCTURAL ANALYSIS AND/OR STRUCTURAL LETTER FOR THE APPROVAL OF ALL MODIFICATIONS TO AND ADDING EQUIPMENT OF NEW APPURTENANCES.
- REFER TO ADDITIONAL DRAWINGS SPECIFIC TO STRUCTURE REINFORCEMENT FOR THIS SITE SHOULD THERE BE A REQUIREMENT FOR ANY REINFORCEMENT.
- REFER TO STRUCTURAL ANALYSIS FOR COAXIAL AND OTHER CABLE SUPPORT AND CONFIGURATION DETAILS.
- REFER TO STRUCTURAL ANALYSIS FOR ALL CARRIERS APPURTENANCES AS THEY MAY NOT BE SHOWN IN ELEVATION DETAIL.

NOTE:  
CONTRACTOR TO VERIFY THE FINAL RF CONFIGURATION MATCHES THESE DRAWINGS PRIOR TO THE REMOVAL AND INSTALLATION OF ANY EQUIPMENT. CONTRACTOR TO REPORT ALL DISCREPANCIES TO VERIZON CONSTRUCTION MANAGER AND ENGINEER.



1 EXISTING ANTENNA PLAN



NOTE:  
CONTRACTOR TO REFER TO CM FOR FINAL RF  
CONFIGURATION AND ANTENNA AND RADIO PLUMBING

Added																
700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	Item ID
							Ericsson	PANEL ANTENNA	97	98.3	10(0001) 120(0002) 260(0003)	false	false	PHYSICAL	3	
LTE	5G	LTE	LTE	LTE	LTE		JMA	PANEL ANTENNA	97	101	10(01) 120(02) 260(03)	false	false	PHYSICAL	6	MX10FRO860-03
Removed																
700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	Item ID
							ANDREW	PANEL ANTENNA	97	101	10(0001) 10(01) 120(0002) 120(02) 260(0003) 260(03)	false	false	PHYSICAL	9	
LTE	CDMA	LTE	LTE	LTE												
Retained																
700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	Item ID



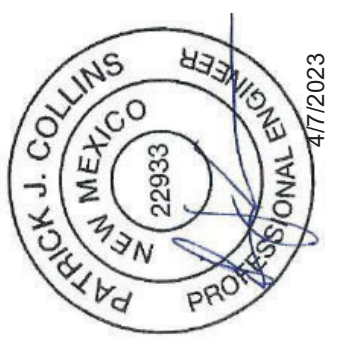
1 PROPOSED ANTENNA CONFIGURATION



4821 EUBANK BLVD NE  
ALBUQUERQUE, NM 87111



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BEING A LICENSED PROFESSIONAL ENGINEER OR WITHOUT  
ENGINEERING LIC DISCLAIMS ALL LIABILITY ASSOCIATED WITH THE  
REUSE, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.

SITE NAME: NM4 QUEMAZON  
ADDRESS: 280 N MESA RD  
LOS ALAMOS, NM 87544  
SITE TYPE: WATER TANK

SHEET TITLE:  
RF DATA SHEET & COAX  
ANTENNA DIAGRAM

SHEET NUMBER:  
C5

Equipment Summary

Added															
Equipment Type	Location	700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Cable Length	Cable Size	Install Type	Quantity	Item ID
RRU	Tower						LTE		Ericsson	4408 B48 (w/out Antenna)			PHYSICAL	3	KRC161746/1
Removed															
Equipment Type	Location	700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Cable Length	Cable Size	Install Type	Quantity	Item ID
Retained															
Equipment Type	Location	700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Cable Length	Cable Size	Install Type	Quantity	Item ID
Hybrid Cable	Tower								Commscope	12x24 Hybrid			PHYSICAL	1	
Coaxial Cables	Tower								Commscope	AWA5-50			PHYSICAL	6	
Coaxial Cables	Tower								Commscope	AWA7-50			PHYSICAL	6	
RRU	Tower	LTE	5G						Ericsson	4408			PHYSICAL	3	
RRU	Tower	LTE	LTE						Ericsson	86-93			PHYSICAL	3	
OMP Box	Tower								Flagrap	OMP-12			PHYSICAL	1	
OMP Box	Shelter								Flagrap	OMP-12			PHYSICAL	1	

2 PROPOSED NON ANTENNA EQUIPMENT



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SITE NAME: NM4 QUEMAZON  
ADDRESS: 280 N MESA RD  
LOS ALAMOS, NM 87544  
SITE TYPE: WATER TANK

SHEET TITLE:  
**GROUNDING DETAILS**

SHEET NUMBER:  
**G1**

