



at&t

FA# 15758529
USID# 317743
PACE I.D.: MRSFR089326

SITE NUMBER: CVL02811
SITE NAME: YERINGTON

402 NORTH MAIN STREET
YERINGTON, NV 89447

JURISDICTION: CITY OF YERLINGTON
APN: 001-059-02

SITE TYPE: W.I.C. SHELTER /
MONOPOLE

Issued For:
CVL02811

YERINGTON
402 NORTH MAIN STREET
YERINGTON, NV 89447
FA# 15758529
USID# 317743

Prepared For:

at&t
5001 Executive Parkway
San Ramon, California 94583

Vendor:

EPIC
WIRELESS GROUP LLC
Connecting a Wireless World
605 Coolidge Drive, Suite 100
Folsom, California 95630

AT&T SITE NO: CVL02811

PROJECT NO: 22-008

DRAWN BY: BW

CHECKED BY: BW

| REV | DATE | DESCRIPTION |
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| B | 6/20/2022 | 100% ZD SUB. |
| A | 6/3/2022 | 90% ZD SUB. |

Licensee:



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.

Designer / Engineer:

Norman
Scheel
Structural
Engineer
33 YEARS OF
EXPERIENCE
5022 Sunrise Blvd.
Fair Oaks, California 95628

Sheet Title:

TITLE SHEET

Sheet Number:

T-1

| PROJECT DESCRIPTION | PROJECT INFORMATION | PROJECT TEAM | SHEET INDEX | REV |
|--|--|--|---|---|
| NEW SITE BUILD UNMANNED TELECOMMUNICATIONS FACILITY. 1. (P) AT&T LEASE AREA 19'-0" x 33'-0" (TOTAL 627 S.F. AT&T LEASE AREA) 2. (P) (1) AT&T MOBILITY 90'-0" TALL MONOPOLE TOWER 3. (P) (1) SITEPRO FP4-12-H10 TOWER MOUNT ASSEMBLY 4. (P) (12) AT&T MOBILITY PANEL ANTENNAS 5. (P) (12) AT&T MOBILITY RRUS REMOTE RADIO UNITS 6. (P) (3) DCS SURGE SUPPRESSORS 7. (P) (1) (W/C) WALK IN CLOSET SHELTER 8. (P) (1) 30kW DIESEL GENERATOR w/ 150 GALLON UL142 RATED FUEL TANK 9. (P) (9) DC POWER TRUNKS & (3) FIBER TRUNKS 10. (P) (1) GPS ANTENNA 11. (P) (8) 150AH BATTERIES | PROPERTY INFORMATION: SITE NAME: YERINGTON SITE NUMBER: CVL02811 SITE ADDRESS: 402 NORTH MAIN STREET YERINGTON, NV 89447 A.P.N.: 001-059-02 CURRENT ZONING: M1 JURISDICTION: CITY OF YERLINGTON LATITUDE: N38° 59' 32.37" NAD 83 (N 38 992325) LONGITUDE: W119° 09' 43.86" NAD 83 (W 119 162183) GROUND ELEVATION: 4383.0 FT. AMSL PROPERTY OWNER: PETE AIAZZI 160 DENSMORE LANE YERINGTON, NV 89447 POINT CONTACT: PROPERTY MGR: LEANDRA CARR LAHONTAN PROPERTIES PH: (775) 690-2591 EMAIL: leandracarr@hotmail.com POWER AGENCY: NV ENERGY 6226 W. SAHARA AVENUE LAS VEGAS, NV 89146 PH: (775) 473-6998 TELEPHONE AGENCY: AT&T 325 MARKET STREET, SPEAR TOWER SAN FRANCISCO, CA 94105 PH: 1-(800) 310-2355 | APPLICANT / LESSEE: AT&T 5001 EXECUTIVE PARKWAY SAN RAMON, CA 94583 CONSTRUCTION MANAGER: EPIC WIRELESS 605 COOLIDGE DRIVE, SUITE 100 FOLSOM, CA 95630 CONTACT: ANDREW MEDINA EMAIL: andrew.madina@epicwireless.net PH: (530) 574-4773 RF ENGINEER: AT&T 5001 EXECUTIVE PKWY SAN RAMON, CA 94583 CONTACT: NEVILLE PATEL EMAIL: np6057@att.com ARCHITECT / ENGINEER: N.S.S.E. 5022 SUNRISE BOULEVARD FAIR OAKS, CA 95628 CONTACT: BRIAN K. WINSLOW EMAIL: brian@nsse.com PH: (916) 536-9585 SITE ACQUISITION: EPIC WIRELESS CONTACT: CARL JONES EMAIL: carl.jones@epicwireless.net PH: (916) 798-8875 ZONING MANAGER: EPIC WIRELESS CONTACT: CARL JONES EMAIL: carl.jones@epicwireless.net PH: (916) 798-8875 CIVIL VENDOR: QUALTEK CONTACT: MATHEW STEWART AUBURN, CA 95603 EMAIL: matstewart@qualtekwireless.com PH: (707) 522-9458 | 1. T-1 TITLE SHEET 2. GN-1 GENERAL NOTES, ABBREVIATIONS, & LEGEND 3. GN-2 SITE SIGNAGE 4. GN-3 BATTERY SPECIFICATIONS 5. C-1 PLOT PLAN AND SITE TOPOGRAPHY 6. A-1 OVERALL SITE PLAN 7. A-1.1 ENLARGED SITE PLAN 8. A-2 AREA EQUIPMENT PLAN 9. A-3 ANTENNA PLAN, SCHEDULE, & DETAILS 10. A-3.1 RRH DETAILS 11. A-3.2 SECTOR FRAME DETAILS 12. A-4.1 PROPOSED ELEVATIONS 13. A-4.2 PROPOSED ELEVATIONS 14. A-5 CONSTRUCTION DETAILS - EQUIPMENT 15. A-5.1 CONSTRUCTION DETAILS - EQUIPMENT 16. E-1 GENERAL ELECTRICAL NOTES 17. E-2 POWER SINGLE LINE DIAGRAM | B B B B B B B B B B B B B B B B B |
| CODE COMPLIANCE ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS ARE TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. 1. 2018 INTERNATIONAL BUILDING CODE 2. 2018 INTERNATIONAL EXISTING BUILDING CODE 3. 2018 INTERNATIONAL ENERGY CONSERVATION CODE 4. 2018 INTERNATIONAL FUEL GAS CODE 5. 2018 INTERNATIONAL MECHANICAL CODE 6. 2018 INTERNATIONAL PLUMBING CODE 7. 2018 UNIFORM MECHANICAL CODE 8. 2019 UNIFORM PLUMBING CODE 9. 2017 NATIONAL ELECTRICAL CODE 10. ANSI / EIA-TIA-222-H 11. 2018 NFPA 101, LIFE SAFETY CODE 12. 2018 NFPA 72, NATIONAL FIRE ALARM CODE 13. 2018 NFPA 13, FIRE SPRINKLER CODE | VICINITY MAP SPECIAL INSPECTIONS SPECIAL INSPECTIONS PER 2018 I.B.C. SECTION 1704 ARE REQUIRED FOR THE FOLLOWING: 1. ANCHOR BOLTS WET-SET INTO CONCRETE 2. EXPANSION BOLTS INTO EXISTING CONCRETE 3. HIGH STRENGTH BOLTING 4. WELDING 5. STEEL REINFORCING / REBAR PLACEMENT 6. STEEL MATERIAL VERIFICATION 7. SOILS ENGINEER TO INSPECT DRILLED PIERS STRUCTURAL DESIGN CRITERIA: 1. SOIL CLASSIFICATION: D 2. SOIL BEARING CAPACITY: 1,000 PSF 3. MINIMUM CONCRETE STRENGTH: 2,500 PSI 4. SEISMIC IMPORTANCE FACTOR: 1.0 5. SITE COORDINATES: N 38 5956389 W-122.5474917 NAD 83 6. SPECTRAL RESPONSE ACCELERATIONS: Ss = 1.647g S1 = 0.544g 7. SPECTRAL RESPONSE COEFFICIENTS: SDs = 1.098g SD1 = 0.544g 8. SITE COEFFICIENTS: Fa = 1.000 Fv = 1.500 9. SEISMIC DESIGN CRITERIA: D | DIRECTIONS DIRECTIONS FROM AT&T'S OFFICE AT 5001 EXECUTIVE PARKWAY, SAN RAMON, CA 1. HEAD SOUTH ON BOLLINGER CANYON RD. 2. TURN RIGHT ONTO BOLLINGER CANYON DRIVE 3. MERGE ONTO I-680 NORTH 4. TAKE EXIT 71A TOWARD I-80E 5. MERGE ONTO I-80E 6. USE RIGHT TWO LANES TO TAKE EXIT 70 FOR 113 N TOWARDS WOODLAND 7. TAKE EXIT 538 FOR CA-113 TOWARD YUBA CITY 8. TURN RIGHT ONTO CA-113 N/ N EAST STREET 9. TURN RIGHT ON CO ROAD 17 10. TURN LEFT ONTO CO ROAD 102 11. CONTINUE ONTO CA-113 N DESTINATION WILL BE ON LEFT | APPROVALS APPROVED BY: INITIALS: DATE: AT&T: _____ VENDOR: _____ RF ENGINEER: _____ LEASING / LANDLORD: _____ ZONING: _____ CONSTRUCTION: _____ POWER / TELCO: _____ PG&E: _____ | GENERAL CONTRACTOR NOTES DO NOT SCALE DRAWINGS THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 24" x 36". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOBSITE, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS, OR BE RESPONSIBLE FOR THE SAME. |
| OCCUPANCY AND CONSTRUCTION TYPE OCCUPANCY: S-2 (UNMANNED TELECOMMUNICATIONS FACILITY), U (TOWER) CONSTRUCTION TYPE: V-B | | | | |
| ACCESSIBILITY REQUIREMENTS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION, ACCESSIBILITY ACCESS AND REQUIREMENTS RE NOT REQUIRED, IN ACCORDANCE WITH 2018 INTERNATIONAL BUILDING CODE, CHAPTER 11, SECTION 1103B.1, EXCEPTION 1 & SECTION 1134B.2.1, EXCEPTION 4. | | | | |



GENERAL CONSTRUCTION NOTES:

3. PLANS ARE INTENDED TO BE DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR SHALL OBTAIN, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL CONTACT USA (UNDERGROUND SERVICE ALERT) AT (800) 227-2600, FOR UTILITY LOCATIONS, 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION, SITE WORK OR CONSTRUCTION.
4. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CBC / UBC'S REQUIREMENTS REGARDING EARTHQUAKE RESISTANCE, FOR, BUT NOT LIMITED TO, PIPING, LIGHT FIXTURES, CEILING GRID, INTERIOR PARTITIONS, AND MECHANICAL EQUIPMENT. ALL WORK MUST COMPLY WITH LOCAL EARTHQUAKE CODES AND REGULATIONS.
6. REPRESENTATIONS OF TRUE NORTH, OTHER THAN THOSE FOUND ON THE PLOT OF SURVEY DRAWINGS, SHALL NOT BE USED TO IDENTIFY OR ESTABLISH BEARING OF TRUE NORTH AT THE SITE. THE CONTRACTOR SHALL RELY SOLELY ON THE PLOT OF SURVEY DRAWING AND ANY SURVEYOR'S MARKINGS AT THE SITE FOR THE ESTABLISHMENT OF TRUE NORTH, AND SHALL NOTIFY THE ARCHITECT / ENGINEER PRIOR TO PROCEEDING WITH THE WORK IF ANY DISCREPANCY IS FOUND BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CIVIL SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIABILITY FOR ANY FAILURE TO NOTIFY THE ARCHITECT / ENGINEER.
7. THE BUILDING DEPARTMENT ISSUING THE PERMITS SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK, OR AS OTHERWISE STIPULATED BY THE CODE ENFORCEMENT OFFICIAL HAVING JURISDICTION.
8. DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
9. ALL EXISTING UTILITIES, FACILITIES, CONDITIONS, AND THEIR DIMENSIONS SHOWN ON THE PLAN HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT / ENGINEER AND THE OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR THE ACCURACY OF THE INFORMATION SHOWN ON THE PLANS, OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTORS SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTORS SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.
10. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, BOTH HORIZONTAL AND VERTICALLY, PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHOULD BE IMMEDIATELY REPORTED TO THE ARCHITECT / ENGINEER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT / ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE.
11. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK.
12. ANY DRAIN AND/OR FIELD TILE ENCOUNTERED / DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO ITS ORIGINAL CONDITION PRIOR TO COMPLETION OF WORK. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON "AS-BUILT" DRAWINGS BY GENERAL CONTRACTOR, AND ISSUED TO THE ARCHITECT / ENGINEER AT COMPLETION OF PROJECT.
13. ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
14. INCLUDE MISC. ITEMS PER AUST SPECIFICATIONS.

APPLICABLE CODES, REGULATIONS AND STANDARDS:

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (A.H.J.) FOR THE LOCATION.

THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS

- AMERICAN CONCRETE INSTITUTE (CI) 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-H, STRUCTURAL STANDARD FOR STRUCTURAL ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES
- 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 ELECTRICAL EQUIPMENT
- IEEE C62.41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY "C3" AND "HIGH SYSTEM EXPOSURE")

TIA 607 COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS
EQUIPMENT-BUILDING SYSTEM (NEBS); PHYSICAL PROTECTION

TELCORDIA GR-347 CENTRAL OFFICE POWER WIRING

TELCORDIA GR-1275 GENERAL INSTALLATION REQUIREMENTS

TELCORDIA GR-1503 COAXIAL CABLE CONNECTIONS

ANY AND ALL OTHER LOCAL & STATE LAWS AND REGULATION

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

ABBREVIATIONS

| | | |
|------------------|------------|--------------------------------|
| ANCHOR BOLT | ICGB, | ISOLATED COPPER GROUND BUS |
| ABV, | INCH(ES) | |
| ABOVE | INT. (") | INTERIOR |
| ACCA | LB (#) | POUNDS() |
| ADD'L | LAG BOLTS | |
| A.F.F. | L.F. | LINEAR FEET (FOOT) |
| A.F.G. | L | LONGITUDINAL |
| ALUM. | MAS. | MASONRY |
| ALT. | MAX. | MAXIMUM |
| ANT. | M.B | MACHINE BOLT |
| APPROX. | MECH. | MECHANICAL |
| ARCH. | MFR. | MANUFACTURER |
| AWG. | MIN. | MINIMUM |
| BLDG. | MISC. | MISCELLANEOUS |
| BLK. | MTL | METAL |
| BLKG. | (N) | NEW |
| BM. | NO.(#) | NUMBER |
| B.N. | N.T.S. | NOT TO SCALE |
| BTCV. | ON CENTER | |
| B.O.F. | O.C. | OPENING |
| B/U | OPNG. | |
| CAB. | PIC | PRECAST CONCRETE |
| CANT. | PCS | PERSONAL COMMUNICATION SERVICE |
| C.I.P. | PLY. | PLYWOOD |
| CLG. | PPC | POWER PROTECTION CABINET |
| CLR. | PRC | PRIMARY RADIO CABINET |
| COL. | P.S.F. | POUNDS PER SQUARE FOOT |
| CONC. | P.S.I. | POUNDS PER SQUARE INCH |
| CONN. | P.T. | PRESSURE TREATED |
| CONST. | PWR. | POWER (CABINET) |
| CONT. | QTY. | QUANTITY |
| d | RAD.(R) | RADIUS |
| DBL | REF. | REFERENCE |
| DEPT. | REIN. | REINFORCEMENT(ING) |
| D.F. | REQ'D/ | REQUIRED |
| DIA. | RGB. | RIGID GALVANIZED STEEL |
| DIG. | SCA. | SCHEDULE |
| DM. | SHR. | SHEET |
| DWG. | SM. | SIMILAR |
| DWL. | SPEC. | SPECIFICATIONS |
| EA. | SQ. | SQUARE |
| EL. | S.S. | STAINLESS STEEL |
| ELEC. | STD. | STANDARD |
| ELEV. | STEL | |
| EXT. | STRUC. | STRUCTURAL |
| E.N. | TEMP. | TEMPORARY |
| ENG. | THK. | THICKNESS |
| EQ. | T.N. | TIE NAIL |
| EXP. | T.O.A. | TOP OF ANTENNA |
| EXST. (E) | T.O.C. | TOP OF CURB |
| EXT. | T.O.F. | TOP OF FOUNDATION |
| FAB. | T.O.P. | TOP OF PLATE (PARAPET) |
| F.F. | T.O.S. | TOP OF STEEL |
| F.G. | T.O.W. | TOP OF WALL |
| FIN. | TYP. | TYPICAL |
| FLR. | U.G. | UNDER GROUND |
| FDN. | U.L. | UNDERWRITERS LABORATORY |
| F.O.C. | U.N.O. | UNLESS NOTED OTHERWISE |
| F.O.M. | V.I.F. | VERIFY IN FIELD |
| F.O.S. | W | WIDE (WIDTH) |
| F.O.W. | w/ | WITH |
| F.S. | WO | WOOD |
| FT. () | W.P. | WEATHERPROOF |
| FTG. | WT. | WEIGHT |
| G | Q | CENTERLINE |
| GROWTH (CABINET) | R | PLATE, PROPERTY LINE |
| GA. | | |
| GL. | | |
| G.F.I. | | |
| GLB. (GLU-LAM) | | |
| GPS | | |
| GRND. | | |
| HDR. | | |
| HGR. | | |

SYMBOLS LEGEND

| | | | |
|--|---------------|--|----------------------------|
| | BLDG. SECTION | | GROUT OR PLASTER |
| | | | (E) BRICK |
| | | | (E) MASONRY |
| | | | CONCRETE |
| | | | EARTH |
| | | | GRAVEL |
| | | | PLYWOOD |
| | | | SAND |
| | | | PLYWOOD |
| | | | SAND |
| | | | (E) STEEL |
| | | | MATCH LINE |
| | | | GROUND CONDUCTOR |
| | | | OVERHEAD SERVICE CONDUCTOR |
| | | | TELEPHONE CONDUIT |
| | | | POWER CONDUIT |
| | | | COAXIAL CABLE |
| | | | CHAIN LINK FENCE |
| | | | WOOD FENCE |
| | | | (P) ANTENNA |
| | | | (P) RRU |
| | | | (P) DC SURGE SUPPRESSION |
| | | | (F) ANTENNA |
| | | | (F) RRU |
| | | | (E) EQUIPMENT |

CVL0281

YERINGTON
402 NORTH MAIN STREET
YERINGTON, NV 89447
FAX 15758529
LISIDN 317342

Prepared For:



Vendor



AT&T SITE NO: CVL028

PROJECT NO: 22-000

DRAWN BY: BW

CHECKED BY: BW

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Licensee



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

Designer / Engineer




Sheet Title

GENERAL NOTES, ABBREVIATIONS, & LEGEND

Sheet Number

GN-1

 **at&t**

This Site Operated By:
AT&T MOBILITY
2600 CAMINO RAMON, 4W650 N
SAN RAMON, CA 94583
IN CASE OF FIRE AND THE NEED FOR SHUTDOWN
TO DEACTIVATE ANTENNAS CALL THE
FOLLOWING NUMBER:
For 24 Hour Emergency Contact and Access Please Call:
(800) 832-6662
Reference Site#: _____
Site Address: _____

11 FENCED COMPOUND SIGNAGE
N.T.S.



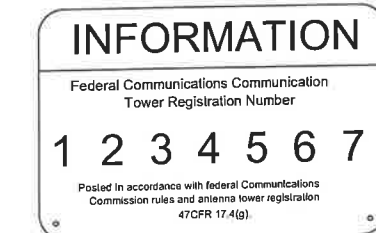
10 FENCED COMPOUND SIGNAGE
N.T.S.



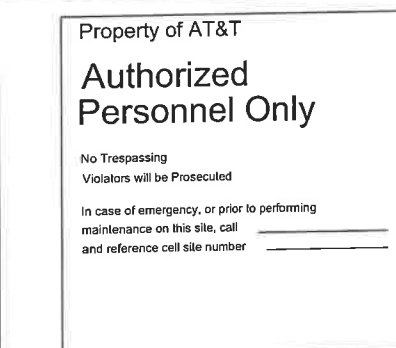
9 DOOR / EQUIPMENT SIGN
N.T.S.



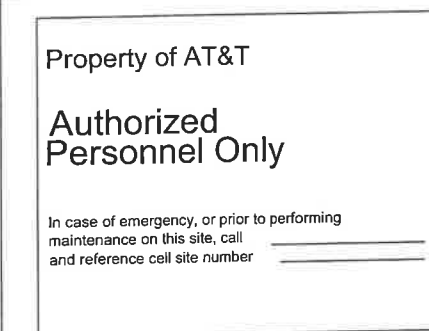
8 NOT USED
N.T.S.



7 FCC ASR SIGNAGE
N.T.S.



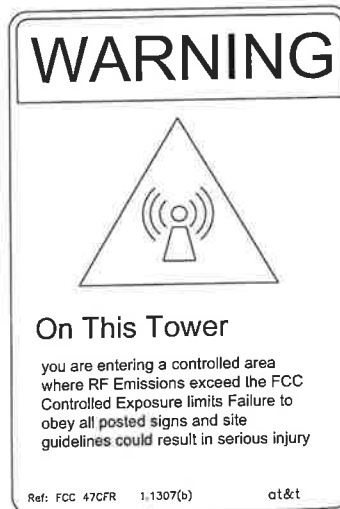
6 GATE SIGNAGE
N.T.S.



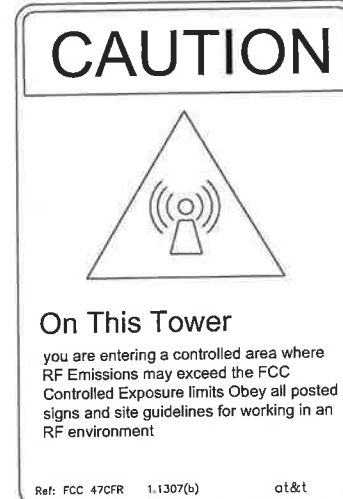
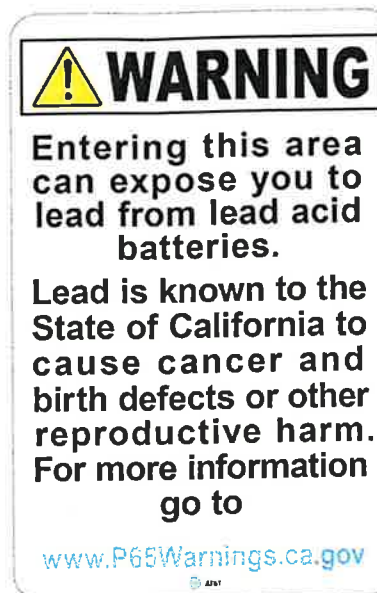
5 SHELTER / CABINET DOORS SIGNAGE
N.T.S.



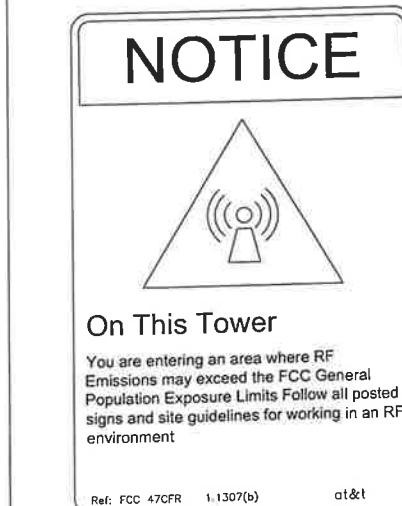
4 PROP 65 WARNING SIGNAGE
N.T.S.



3 CAUTION AND WARNING SIGN
N.T.S.



2 GENERAL NOTES
N.T.S.



1 NOTICE SIGN
N.T.S.



- SIGNAGE AND STRIPING INFORMATION**
- THE FOLLOWING INFORMATION IS A GUIDELINE w/ RESPECT TO PREVAILING STANDARDS LIMITING HUMAN EXPOSURE TO RADIO FREQUENCY ENERGY AND SHOULD BE USED AS SUCH. IF THE SITE'S EMF REPORT OR ANY LOCAL, STATE OR FEDERAL GUIDELINES OR REGULATIONS SHOULD BE IN CONFLICT w/ ANY PART OF THESE NOTES OR PLANS, THE MORE RESTRICTIVE GUIDELINE OR REGULATION SHALL BE FOLLOWED AND OVERRIDE THE LESSER.
 - THE PUBLIC LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 1mW/cm² AND THE OCCUPATIONAL LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 5mW/cm².
 - IF THE BOTTOM OF THE ANTENNA IS MOUNTED (8) EIGHT FEET ABOVE THE GROUND OR WORKING PLATFORM LINE OF THE PERSONAL COMMUNICATION SYSTEM (PCS) AND DOES NOT EXCEED THE PUBLIC LIMIT OF RF EXPOSURE, LIMIT THEN NO STRIPING OR BARRICADES SHOULD BE NEEDED.
 - IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
 - IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
 - ALL TRANSMIT ANTENNAS REQUIRE A THREE LANGUAGE WARNING SIGN WRITTEN IN ENGLISH, SPANISH, AND CHINESE. THIS SIGN SHALL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION. THE LARGER SIGN SHALL BE PLACED IN PLAIN SIGHT AT ALL ROOF ACCESS LOCATIONS AND ON ALL ENCLOSURES IN A MANNER THAT IS EASILY SEEN BY ANY PERSON ON THE ROOF. WARNING SIGNS SHALL COMPLY w/ ANSI C85.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS. ALL SIGNS SHALL HAVE AT&T'S NAME AND THE COMPANY CONTACT INFORMATION (e.g. TELEPHONE NUMBER) TO ARRANGE FOR ACCESS TO THE RESTRICTED AREAS. THIS TELEPHONE NUMBER SHALL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION.
 - PHOTOS OF ALL STRIPING, BARRICADES & SIGNAGE SHALL BE PART OF THE CONTRACTORS CLOSE OUT PACKAGE & SHALL BE TURNED INTO THE AT&T CONSTRUCTION PROJECT MANAGER AT THE END OF CONSTRUCTION. STRIPING SHALL BE DONE w/ FADE RESISTANT YELLOW SAFETY PAINT IN A CROSS-HATCH PATTERN AS DETAILED BY THE CONSTRUCTION DRAWINGS. ALL BARRICADES SHALL BE MADE OF AN RF FRIENDLY MATERIAL SO AS NOT TO BLOCK OR INTERFERE w/ THE OPERATION OF THE ANTENNAS. BARRICADES SHALL BE PAINTED w/ FADE RESISTANT YELLOW SAFETY PAINT. THE CONTRACTOR SHALL PROVIDE ALL RF FRIENDLY BARRICADES NEEDED, & SHALL PROVIDE THE AT&T CONSTRUCTION PROJECT MANAGER w/ A DETAILED SHOP DRAWING OF EACH BARRICADE, UPON CONSTRUCTION COMPLETION.


Issued For:
CVL02811
YERINGTON
402 NORTH MAIN STREET
YERINGTON, NV 89447
FAX 15758529
USIDW 317743

Prepared For:
 **at&t**
5001 Executive Parkway
San Ramon, California 94583

Vendor:
 **EPIC**
WIRELESS GROUP LLC
Connecting a Wireless World
605 Coolidge Drive, Suite 100
Folsom, California 95630

AT&T SITE NO: CVL02811
PROJECT NO: 22-008
DRAWN BY: BW
CHECKED BY: BW

| REV | DATE | DESCRIPTION |
|-----|-----------|--------------|
| 3 | | |
| 2 | | |
| 1 | | |
| 0 | | |
| C | | |
| B | 6/20/2022 | 100% ZD SUB. |
| A | 6/20/2022 | 90% ZD SUB. |

Licensee:

N.J. SCHEEL
Exp 6/30/22
No. 5786
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.

Designer / Engineer:

Norman Scheel Structural Engineer
33 YEARS OF EXPERIENCE
5022 Sunrise Blvd.
Fair Oaks, California 95628

Sheet Title:
SITE SIGNAGE

Sheet Number:
GN-2

[illegible]

SAFETY DATA SHEET

Form #: SDS 6.01
Revised: 03/2016
Supersedes All
ECO # 1000131

Product Information

Intergas, lead and antimony acid electrolyte for the primary components of a direct energy storage battery manufactured by EnerSys Energy Products. There are no chemicals or substances contained in Intergas that are known to be carcinogenic, mutagenic or otherwise hazardous as defined by California Proposition 65.

HAZARD IDENTIFICATION

Section 2.1: Signal Word: **Hazardous to the Environment**
Section 2.2: Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.3: Precautionary Statement: **Prevent release to the environment**
Section 2.4: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.5: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.6: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.7: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.8: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.9: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.10: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.11: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.12: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.13: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.14: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.15: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.16: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.17: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.18: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.19: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.20: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.21: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.22: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.23: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.24: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.25: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.26: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.27: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.28: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.29: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.30: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.31: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.32: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.33: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.34: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.35: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.36: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.37: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.38: Environmental Hazard Statement: **Harmful to the Environment**

HAZARD IDENTIFICATION

Section 2.39: Environmental Hazard Statement: **Harmful to the Environment**
Section 2.40: Environmental Hazard Statement: **Harmful to the Environment**

[illegible]

PowerSafe
SBS

Telecommunications
Front Terminal
AGS® - Certified

Battery Range Summary

The PowerSafe® SBS® Front Terminal battery further extends the successful leadership of PowerSafe SBS battery products line: not only do PowerSafe SBS Front Terminal modules retain the benefits typically associated with Thin Plate Pure Lead (TPPL) Technology such as long life, high energy density, superior shelf life, etc., they also deliver exceptional cyclic performance in both float and full charge applications, even in the hottest and harshest operating environments.

Where conventional Valve Regulated Lead Acid (VRLA) Absorbed Glass Mat (AGM) batteries struggle to cope with harsh conditions and frequent power outages, cutting-edge (TPPL) technology makes PowerSafe 12V the perfect solution for the challenging operating conditions of today's telecommunication networks.

PowerSafe SBS batteries are designed to high quality standards and a unique manufacturing methods ensure superior energy and power, high performance and proven reliability, there is no substitute to PowerSafe SBS Front Terminal batteries.

Features and Benefits

- Capacity range 31-190Ah
- 12V monobloc configurations
- Multiple string configurations available
- Two year shelf life
- SRA228 compliant
- Proven long service life
- High energy density and cycling capability

Issued For:

CVL02811

YERINGTON

402 NORTH MAIN STREET
YERINGTON, NV 89447

FA# 15758529
USID# 317743

Prepared For:

 **at&t**


5001 Executive Parkway
San Ramon, California 94583

Vendor:

EPIC
WIRELESS GROUP LLC
Connecting a Wireless World
605 Coolidge Drive, Suite 100
Folsom, California 95630

| | |
|---------------|----------|
| AT&T SITE NO: | CVL02B11 |
| PROJECT NO: | 22-008 |
| DRAWN BY: | BW |
| CHECKED BY: | BW |

[illegible][illegible]



Important Information

SAFETY DATA SHEET

Form #: SDS #HS127
Revised: AD
September: AF
9/13/16 10/27/16

Energizer's proprietary prepackaged system containing sodium dichromate is the atmosphere due to extensive use of COCs and other waste discharging chemicals (HOCs) added by the USER to the Cell's electrolyte. Persons in Section III of the Chem Risk Management (CRM) of this MSDS, Modified on January 19, 1995, Energizer, do not intend a policy to eliminate the use of Class I COCs prior to the date (3, 1995) expiration.

STATE REGULATIONS

Warning: Battery parts, terminals and related accessories should not be used for components, elements known to the State of California to cause cancer and reproductive harm. Battery parts should also avoid use in the State of California in any case. Work inside your building.

INTERNATIONAL REGULATIONS

GLOBAL REGULATIONS:
Classification per Globex as follows: Classified Product Regulatory (CPR) 24/1 and 24/2.

Underlines may not be, or include applicable (Structure) or the use, requires Export of the product assets.

Article 11 of the REACH regulation (Reg. EC 1907/2006), which entered into force on 1st of June 2007 in the European Union, requires that manufacturers communicate the presence of Substances of Very High Concern (SVHC) as Articles (that already) in concentrations greater than 0.1% by weight.

Effective the 1st of June 2016, the European Chemical Agency (ECA) updated the Candidate List with the inclusion of Lead Metal (ECAS No. 7439-92-3). With the inclusion of Lead as an SVHC, applicants to all of Energizer Lead based battery products regardless of the design (WetCell, Gel, AGM, etc.)

USE RESTRICTIONS/NOTES

Restrictions: None

NETA Hazard Rating for Sealed-Air Acid

Flammability (F+H) = 0

Health (H) = 1

Reactivity (R) = 2

Stability (S) = 1 (Stable) with no other hazard (if confirmed)

DISCLAIMER

The Safety Data Sheet is created by the manufacturer in compliance with the requirements of 29 CFR 1910.1200. It is the user's responsibility to use the manufacturer's battery assembly standards, any facility to use these parts, including users of this product, against, but not limited to, occupational or other dangers, arising out of the use of or reliance on, this Safety Data Sheet.

Construction

- Internal positive pressure is designed to prolong service life and enhance corrosion resistance
- Separation of the ventricular membranes (VEM), the electrolyte is contained within the VEM, preventing vent gases in case of accidental damage
- Corrosion and creep is borne without US-A-10 material, highly resistant to shock and vibration
- Ventilation is designed over three stages with the access control alloy ring. The first and second ventilation provide moisture reduction
- Self-regulating air wet pressure relief valves prevents ingress of atmospheric oxygen

Installation and Operation

- Space efficient design
- VEM design reduces maintenance requirements
- Lifting handles for easy handling
- Greater than 10 year life expectancy in final service at 177°F (81°C)
- Increased active material surface area yields great cycling capability
- Operating temperature -40°F (-40°C) to 127°F (53°C)
- Recommended temperature 60°F (20°C) to 107°F (42°C)

Standards

- Meets criteria for "top-spec" batteries
- Complies with "Sealed Air" (SEALED) Network Equipment Building System (NEBS) 3 Criteria Levels
- The management systems governing the manufacturing process are ISO 9001:2004 and ISO 14001:2004 certified

General Specifications

| Size Type | Dimensions | | Weight | | Volume | | Capacity | | | |
|--------------|-----------------------------|----------------------------|--------|-------|--------|-------|----------|-------|------|------|
| | 6 to 12V @ 100% 400°C | 6 to 12V @ 75% 400°C | W | Depth | W | Depth | W | Depth | | |
| SDS 600 | 35 | 35 | 11.9 | 309 | 2.8 | 27 | 6.3 | 133 | 22.7 | 10.9 |
| SDS 610 | 35 | 35 | 11.9 | 309 | 3.0 | 27 | 7.2 | 184 | 29.4 | 13.8 |
| SDS 1100 | 61 | 61 | 12.9 | 303 | 3.9 | 37 | 10.4 | 254 | 26.0 | 12.3 |
| SDS 1110 | 61 | 61 | 14.4 | 313 | 4.1 | 38 | 11.1 | 265 | 26.8 | 12.5 |
| SDS 1500 | 100 | 100 | 14.9 | 364 | 4.3 | 38 | 12.3 | 373 | 31.0 | 14.6 |
| SDS 1510 | 100 | 100 | 16.4 | 374 | 4.5 | 39 | 13.0 | 384 | 31.8 | 14.8 |
| SDS 1800 | 145 | 145 | 17.2 | 455 | 4.9 | 47 | 9.4 | 258 | 34.0 | 17.2 |
| SDS 1810 | 145 | 145 | 17.8 | 455 | 4.9 | 47 | 10.0 | 275 | 35.7 | 18.3 |
| SDS 11000 | 110 | 120 | 20.1 | 561 | 4.9 | 52 | 11.9 | 740 | 51.7 | 24.5 |
| SDS 11100 | 110 | 120 | 20.7 | 561 | 4.9 | 52 | 12.4 | 770 | 53.2 | 25.2 |

SDS 600 (12V)

SDS 610 (12V)

SDS 1100 (12V)

SDS 1400 (12V)

ALPINE
POWER SYSTEMS

Battery Services for Backup Power

- Battery Replacement
- Capacity and Acceptance

| | | |
|-----|-----------|--------------|
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| | | |
| | | |
| 3 | | |
| 2 | | |
| 1 | | |
| 0 | | |
| C | | |
| B | 6/20/2022 | 100% ZD SUB. |
| A | 6/3/2022 | 90% ZD SUB. |
| REV | DATE | DESCRIPTION |

Licensee:



A circular professional engineer seal for the State of New York. The outer ring contains the text "PROFESSIONAL ENGINEER - STATE OF NEW YORK". The inner circle contains the text "N.J. SCHEEL", "Exp. 09/01/22", and "STRUCTURAL". At the bottom of the seal, it says "No. 3780".

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.

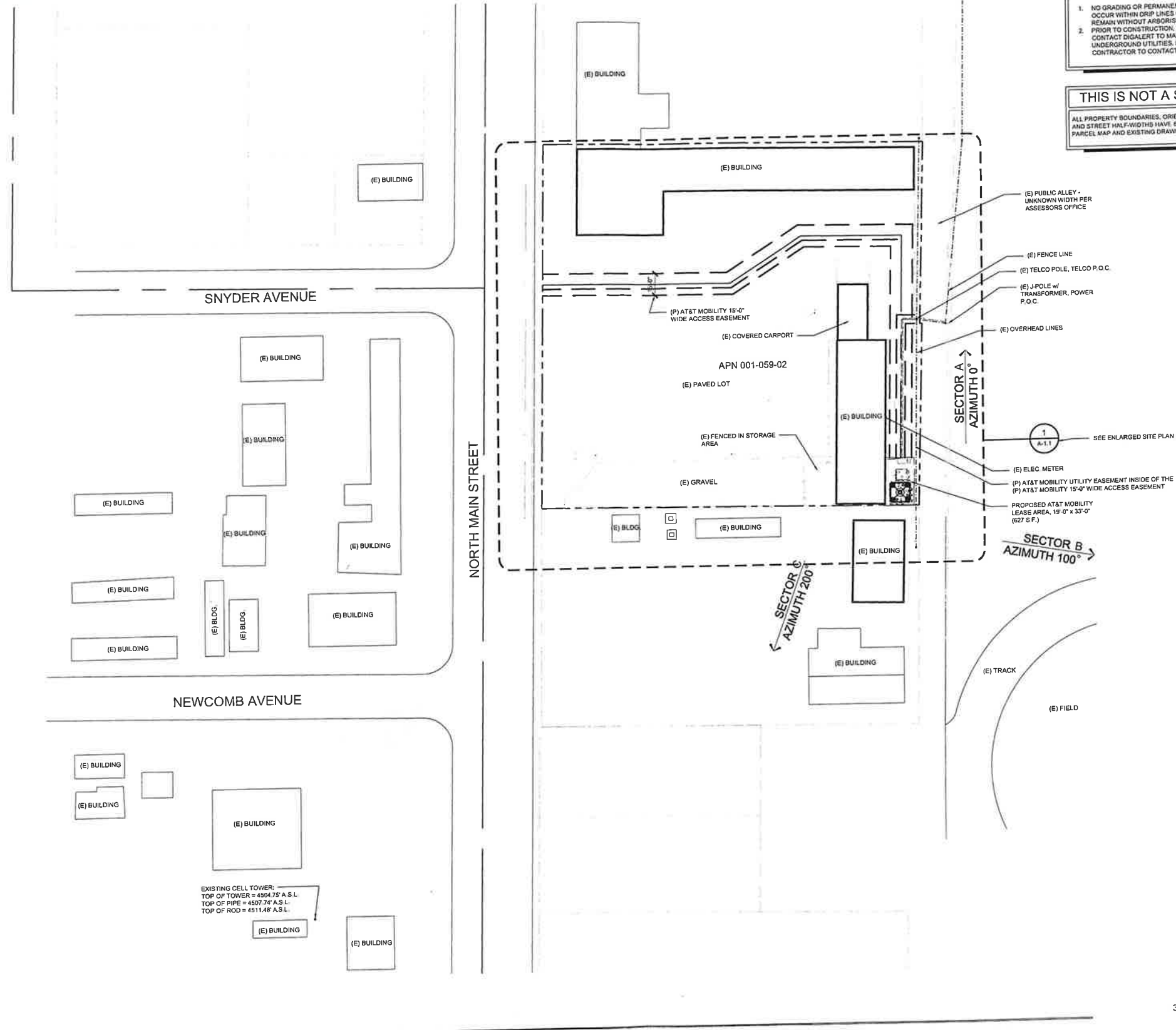
Designer / Engineer:

Norman
Scheel
Structural
Engineer

1928 - 2020
33
YEARS OF
EXCELLENCE
Norman Scheel
Structural Engineer

5022 Sunrise Blvd.
Fair Oaks, California, 95628

| BATTERY INFORMATION | | | | | | | | | |
|---|------------------------------------|-----------------------------------|-----------------------------------|---|---|-------------------------------------|--|-------------------------------|--------------------------------|
| BATTERY ELECTROLYTE DATA - 12V MONOBLOCKS | | | | | | | | | |
| BATTERY MODEL | TOTAL # OF BATTERY UNITS INSTALLED | TOTAL ELECTROLYTE VOLUME GAL/UNIT | TOTAL ELECTROLYTE WEIGHT LBS/UNIT | % SULPHURIC ACID BY VOLUME = $\frac{\text{ACID VOLUME/UNIT}}{\text{ELECTROLYTE VOLUME PER UNIT}}$ | % SULPHURIC ACID BY WEIGHT = $\frac{\text{TOTAL ACID WEIGHT}}{\text{TOTAL ELECTROLYTE WEIGHT}}$ | TOTAL SULPHURIC VOLUME (GAL) | TOTAL UNITS X ELECTROLYTE VOLUME/UNITS | TOTAL SULPHURIC WEIGHT (LBS) | TOTAL UNITS X ACID WEIGHT/UNIT |
| ALPINE POWER SYSTEMS POWERSAFE SBS SBS 190F | 8 UNITS | 2.47 GAL | 27.3 LBS | 29.95% = 0.74 GAL/2.47 GAL | 41.7% = 11.4 LBS/27.3 LBS | 19.76 GAL = 8 UNITS x 2.47 GAL/UNIT | | 91.2 LBS = 8 UNITS X 11.4 LBS | |



1 OVERALL SITE PLAN
1/32" = 1'-0"

32' 16' 0" 32' 64'
1/32" = 1'-0"

Issued For:
CVL02811
YERINGTON
402 NORTH MAIN STREET
YERINGTON, NV 89447
FAX 15758529
USID# 317743

Prepared For:

5001 Executive Parkway
San Ramon, California 94583

Vendor:

WIRELESS GROUP LLC
Connecting a Wireless World
605 Coolidge Drive, Suite 100
Folsom, California 95630

AT&T SITE NO: CVL02811
PROJECT NO: 22-008
DRAWN BY: BW
CHECKED BY: BW

| REV | DATE | DESCRIPTION |
|-----|-----------|-------------|
| 3 | | |
| 2 | | |
| 1 | | |
| 0 | | |
| C | | |
| B | 6/20/2022 | 100% ZD SUB |
| A | 6/5/2022 | 90% ZD SUB |

Licensee:

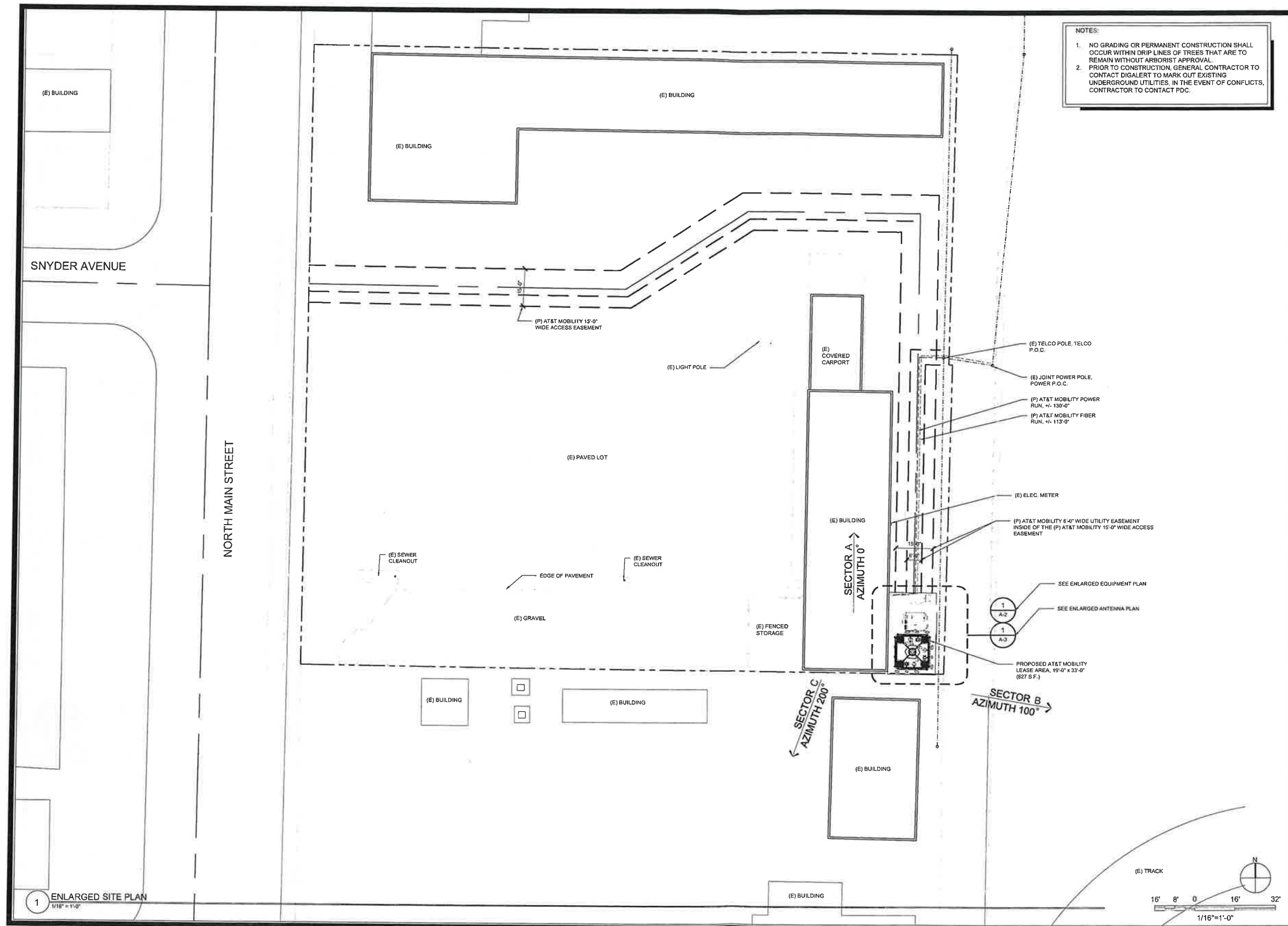
N.J. SCHEEL
Exp. 6/30/22
STRUCTURAL ENGINEER

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.

Designer / Engineer:
Norman Scheel
Structural Engineer
33 YEARS OF EXPERIENCE
5022 Sunrise Blvd.
Fair Oaks, California 95628

Sheet Title:
OVERALL SITE PLAN

Sheet Number:
A-1



Issued For:

CVL02811

YERINGTON

402 NORTH MAIN STREET
YERINGTON, NV 89447
FA# 15759529
USID# 317743

Prepared For:



5001 Executive Parkway
San Ramon, California 94583

Vendor:



605 Coolidge Drive, Suite 100
Folsom, California 95630

AT&T SITE NO: CVL02811

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| REV | DATE | DESCRIPTION |
|-----|-----------|-------------|
| 3 | | |
| 2 | | |
| 1 | | |
| 0 | | |
| C | | |
| B | 6/20/2022 | 100% ZD SUB |
| A | 6/7/2022 | 90% ZD SUB |

Licensee:



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.

Designer / Engineer:



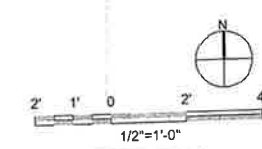
5022 Sunrise Blvd.
Fair Oaks, California 95628

Sheet Title:

ENLARGED SITE PLAN

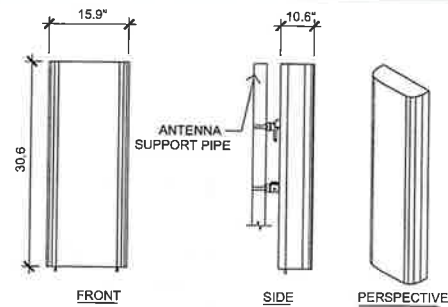
Sheet Number:

A-1.1

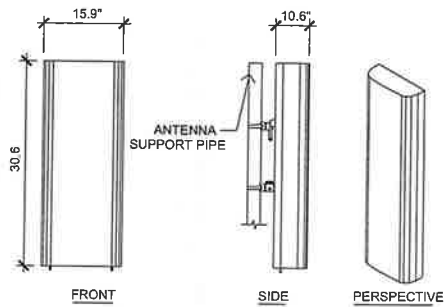


- (1) (H) RF RACK (12) MC2000RBN INSTALLED IN RACK
- (2) (H) POWER PLANT RACK w/ (2) STRINGS OF BATTERIES, INSTAL (12) RECTIFIERS WITH (2) GPB IN RACK
- (3) (H) RF RACK
- (4) (H) #4X4 CONCRETE STOOD
- (5) (H) 3A 200C RATED FIRE EXTINGUISHEN IN WEATHER RES-STANT CAN NET
- (6) (H) GPB UNIT
- (7) (H) CAMELOCK INTEGRATED INTERFACE ON LEAD CASTER
- (8) (H) 3000X 4G DIESEL STANDBY GENERATOR W/ LEVEL 2 ACOUSTIC ENCLOSURE & ATTACHED 160 GAL CAPACITY BELLY TANK
- (9) (H) EXF SHELTER SLAB
- (10) (H) CHAIN LINK FENCING
- (11) (H) 8'-0" TALL CHAIN LINK FENCING w/ (3) ROWS OF STRANDED BARB WIRING
- (12) (H) 5X10' GENERATOR SLAB
- (13) (H) 1AT8 8'-0" X 8'-0" CELLULOSATE RACK IN SHELTER
- (14) (H) INTEREST 200A IN INTEGRATED LEAD CENTER w/ (H) RATED 20A AUTOMATIC C-TRANSFER SWITCH
- (15) (H) 200A TEST FACILITY & INTEGRATED CAMELOCK
- (16) (H) SPO DSC MOUNTED ON VMC
- (17) (H) HVAC UNIT PROVIDED WITH WALK IN EQUIPMENT SHELTER
- (18) (H) HVAC DAMPER HOOD
- (19) (H) NON-EXCLUSIVE 8'-0" WIDE ATILITY MOBILITY UTILITY EASEMENT
- (20) (H) NON-EXCLUSIVE 10'-0" ATILITY MOBILITY ACCESS EASEMENT
- (21) (H) FIBER CABLE / HOFFMAN BOX MOUNTED ON (H) H FRAME
- (22) NOT USED
- (23) (H) 200A METER (H) H FRAME
- (24) (H) GRAVEL BED COVER MARFEE WHEED BARRIER THROUGHOUT ATILITY COMPOUND
- (25) (H) 12'-0" SLIDING CHAIN LINK FENCE GATE w/ KNOX BOX FOR FIRE
- (26) (H) CARRIER CONTACT SIGNAGE AT GATE
- (27) (H) UTILITY H-FRAME
- (28) NEC CLEAR WORKING AREA TYPICAL
- (29) (H) ICE BRIDGE, 8'-0" LONG AT SHELTER, 4'-0" TO MONGPOLE
- (30) (H) 80'-0" TALL ATILITY MOBILITY MONGPOLE & FOUNDATION
- (31) (H) (H) DC TRUNKS, (12) FIBER TRUNKS RUN FROM SHELTER TO ANTENNA ON TOWER, 40-50'
- (32) (H) PROPERTY LINE
- (33) (H) BUILDING

Sheet Number:
A-2



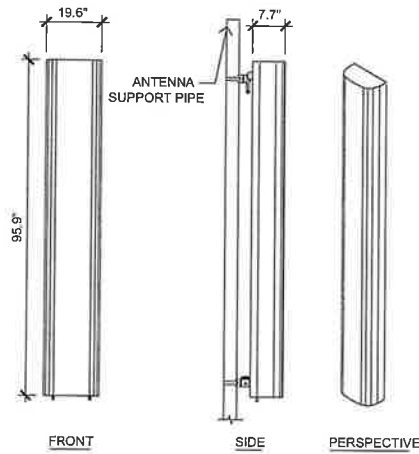
FRONT SIDE PERSPECTIVE
ANTENNA = ERICSSON - AIR6449 B77D
WEIGHT = 150.0 LBS
DIMENSIONS = 30.6" (H) x 15.9" (W) x 10.6" (D)



FRONT SIDE PERSPECTIVE
ANTENNA = ERICSSON - AIR6449 B77D
WEIGHT = 150.0 LBS
DIMENSIONS = 30.6" (H) x 15.9" (W) x 10.6" (D)

5 PROPOSED ANTENNA SPEC NOT TO SCALE

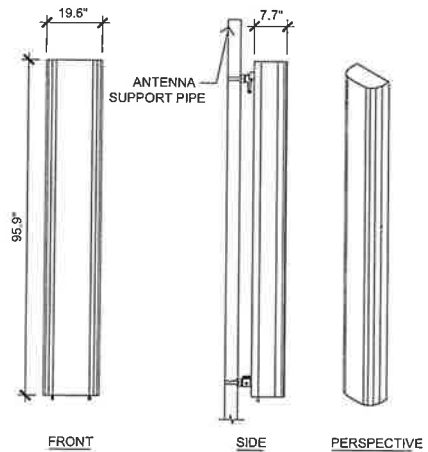
EQUIPMENT SUBJECT TO CHANGE



FRONT SIDE PERSPECTIVE
ANTENNA = COMMScope NNH4-65C-R4
WEIGHT = 86.4 LBS
DIMENSIONS = 95.9" (H) x 19.6" (W) x 7.7" (D)

4 PROPOSED ANTENNA SPEC NOT TO SCALE

EQUIPMENT SUBJECT TO CHANGE



FRONT SIDE PERSPECTIVE
ANTENNA = COMMScope NNH4-65C-R8D
WEIGHT = 131.1 LBS
DIMENSIONS = 95.9" (H) x 19.6" (W) x 7.7" (D)

3 PROPOSED ANTENNA SPEC NOT TO SCALE

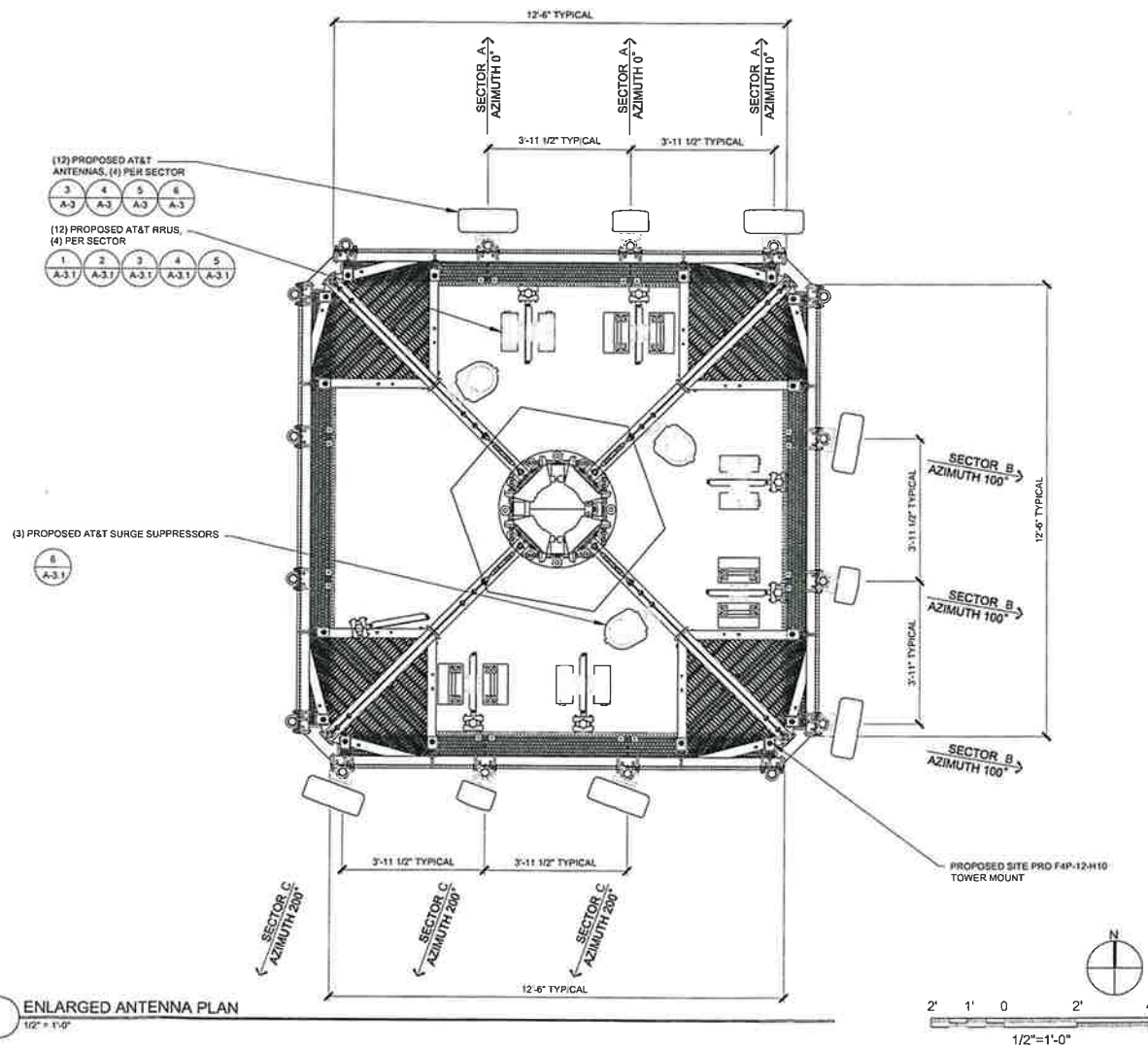
| RF SCHEDULE | | | | | | | | | | |
|-------------|-------------------|--|------------|----------|-----------------------------------|--------------|-------------|-------------|---------|---------|
| SECTOR | ANTENNA MODEL NO. | AZIMUTH | CENTERLINE | RRH | TMA | FIBER LENGTH | COAX LENGTH | JUMPER TYPE | RRU NO. | DC FEED |
| ALPHA | A1 | COMMScope - NNH4-65C-R8-HG | 0° | ± 86°-0" | (1) 4449 B5/B12 / (1) 8843 B2/B66 | - | ± 60M | - | LDF4 | (2) (4) |
| | A2 | ERICSSON - AIR 6449 B77D +AIR 6419 B77G STACKED | 0° | ± 86°-0" | INTEGRATED | - | ± 60M | - | LDF4 | - (1) |
| | A3 | COMMScope - NNH4-65C-R8-HG | 0° | ± 86°-0" | (1) 4478 B14 / (1) 4415 B25 | - | ± 60M | - | LDF4 | (2) (1) |
| | - | - | - | - | - | - | - | - | - | - |
| BETA | B1 | COMMScope - NNH4-65C-R8-HG | 100° | ± 86°-0" | (1) 4449 B5/B12 / (1) 8843 B2/B66 | - | ± 60M | - | LDF4 | (2) (4) |
| | B2 | ERICSSON - AIR 6449 B77D +AIR 6419 B77G STACKED | 100° | ± 86°-0" | INTEGRATED | - | ± 60M | - | LDF4 | - (1) |
| | B3 | COMMScope - NNH4-65C-R8-HG | 100° | ± 86°-0" | (1) 4478 B14 / (1) 4415 B25 | - | ± 60M | - | LDF4 | (2) (1) |
| | - | - | - | - | - | - | - | - | - | - |
| GAMMA | C1 | COMMScope - NNH4-65C-R8-HG | 200° | ± 86°-0" | (1) 4449 B5/B12 / (1) 8843 B2/B66 | - | ± 60M | - | LDF4 | (2) (4) |
| | C2 | ERICSSON - AIR 6449 B77D +AIR 6419 B77G STACKED | 200° | ± 86°-0" | INTEGRATED | - | ± 60M | - | LDF4 | - (1) |
| | C3 | COMMScope - NNH4-65C-R8-HG | 200° | ± 86°-0" | (1) 4478 B14 / (1) 4415 B25 | - | ± 60M | - | LDF4 | (2) (1) |
| | - | - | - | - | - | - | - | - | - | - |

2 RF SCHEDULE NO SCALE

RF DATA SHEET 1, v1.00 DATED 08/17/2022

NOTE: ANTENNA POSITIONS ARE LEFT TO RIGHT FROM FRONT OF ANTENNA

EQUIPMENT IS PRELIMINARY AND SUBJECT TO CHANGE.



1 ENLARGED ANTENNA PLAN 1/2" = 1'-0"

Issued For:
CVL02811
YERINGTON
402 NORTH MAIN STREET
YERINGTON, NV 89447
FA# 15758529
USID# 317743

Prepared For:

5001 Executive Parkway
San Ramon, California 94583

Vendor:

WIRELESS GROUP LLC
Connecting a Wireless World
605 Coolidge Drive, Suite 100
Folsom, California 95630

AT&T SITE NO: CVL02811
PROJECT NO: 22-008
DRAWN BY: BW
CHECKED BY: BW

| REV | DATE | DESCRIPTION |
|-----|-----------|--------------|
| 3 | | |
| 2 | | |
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| 0 | | |
| C | | |
| B | 8/20/2022 | 100% ZD SUB. |
| A | 6/3/2022 | 90% ZD SUB. |

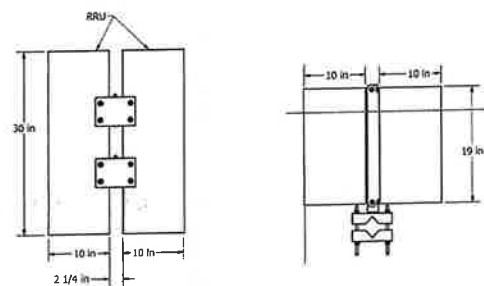
Licensee:

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Designer / Engineer:
Norman Scheel
Structural Engineer
5022 Sunrise Blvd.
Fair Oaks, California 95628

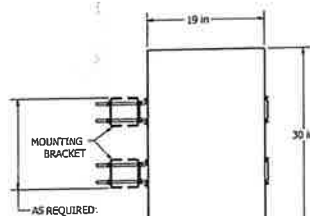
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ANTENNA PLAN, SCHEDULE & DETAILS

Sheet Number:
A-3

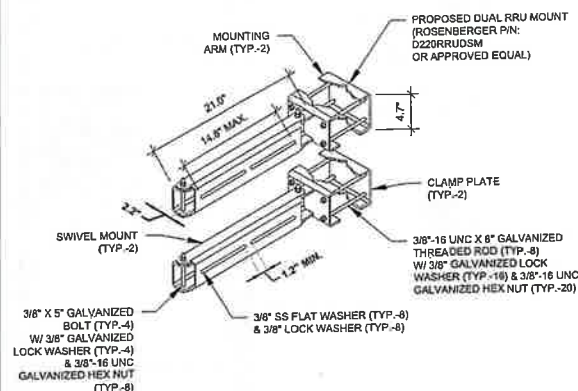


END VIEW

TOP VIEW



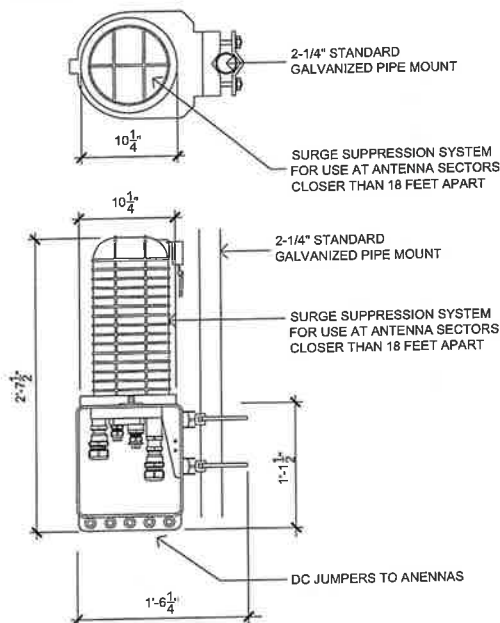
SIDE VIEW



7 ROSENBERGER D220RRUDSM DUAL RRU MOUNT
1-1/2" = 1'-0"

RAYCAP DC9-48-60-24-8C-EV SURGE SUPPRESSION SOLUTION

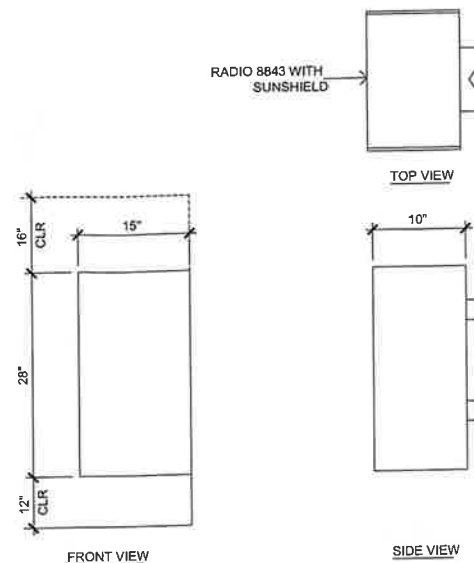
COLOR: BLACK/SILVER
DIMENSIONS: 10.25" DIA X 2'-7.5" TALL W/ 1'-1.5" BASE
WEIGHT: 26.2 LBS.±



6 DC SURGE SUPPRESSION (SQUID)
1-1/2" = 1'-0"

ERICSSON RADIO 8843 REMOTE RADIO UNIT

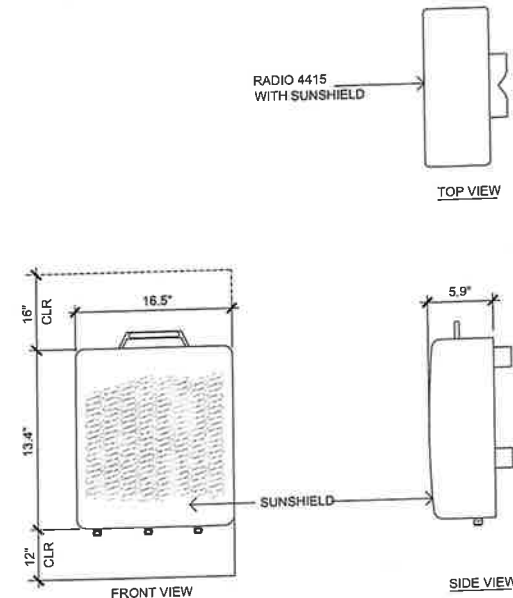
COLOR: WHITE
DIMENSIONS: 28" TALL X 15" WIDE X 10" DEEP (INCLUDING SUNSHIELD)
WEIGHT: 85 LBS.± (INCLUDING MOUNTING HARDWARE)



4 ERICSSON RADIO 8843 REMOTE RADIO UNIT
1-1/2" = 1'-0"

ERICSSON RADIO 4415 B25 REMOTE RADIO UNIT

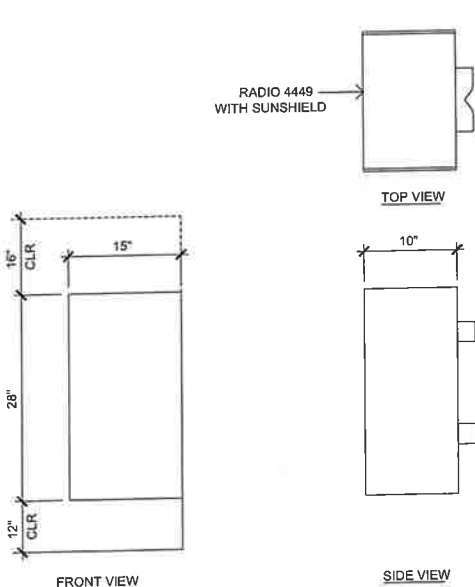
COLOR: WHITE
DIMENSIONS: 16.5" TALL X 13.4" WIDE X 5.9" DEEP (INCLUDING SUNSHIELD)
WEIGHT: 46 LBS.± (INCLUDING MOUNTING HARDWARE)



2 ERICSSON RADIO 4415 REMOTE RADIO UNIT
1-1/2" = 1'-0"

ERICSSON RADIO 4449 REMOTE RADIO UNIT

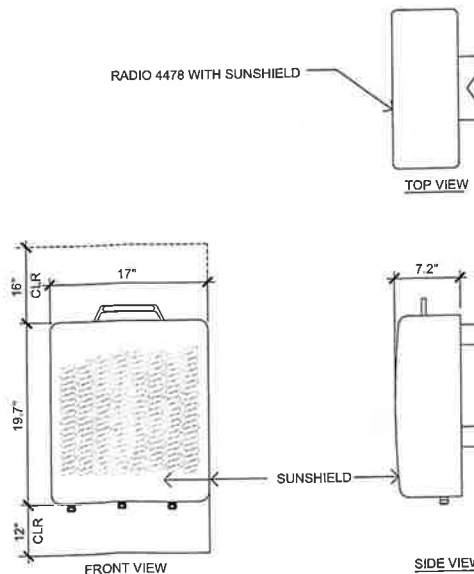
COLOR: WHITE
DIMENSIONS: 28" TALL X 15" WIDE X 10" DEEP (INCLUDING SUNSHIELD)
WEIGHT: 85 LBS.± (INCLUDING MOUNTING HARDWARE)



5 ERICSSON RADIO 4449 REMOTE RADIO UNIT
1-1/2" = 1'-0"

ERICSSON RADIO 4478 REMOTE RADIO UNIT

COLOR: WHITE
DIMENSIONS: 19.7" TALL X 17" WIDE X 7.2" DEEP (INCLUDING SUNSHIELD)
WEIGHT: +/- 50 LBS. (INCLUDING MOUNTING HARDWARE)



3 ERICSSON RADIO 4478 REMOTE RADIO UNIT
1-1/2" = 1'-0"

Issued For:

CVL02811

YERINGTON

402 NORTH MAIN STREET
YERINGTON, NV 89447
FAX 15759529
USID# 317743

Prepared For:

 **at&t**
5001 Executive Parkway
San Ramon, California 94583

Vendor:

 **EPIC**
WIRELESS GROUP LLC
Connecting a Wireless World
605 Coolidge Drive, Suite 100
Folsom, California 95630

AT&T SITE NO: CVL02811

PROJECT NO: 22-008

DRAWN BY: BW

CHECKED BY: BW

| REV | DATE | DESCRIPTION |
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| 3 | | |
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| 0 | | |
| C | | |
| B | 6/20/2022 | 100% ZD SUB. |
| A | 6/20/2022 | 90% ZD SUB. |

Licensee:



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Designer / Engineer:

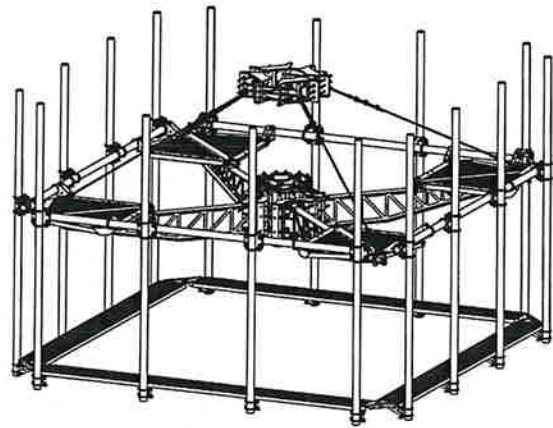
Norman Scheel
Structural Engineer
33 YEARS OF EXPERIENCE
5022 Sunrise Blvd.
Fair Oaks, California 95628

Sheet Title:

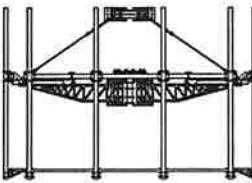
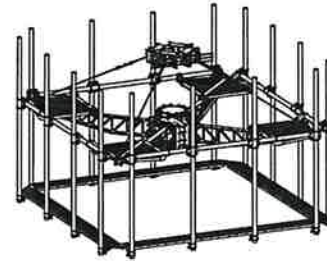
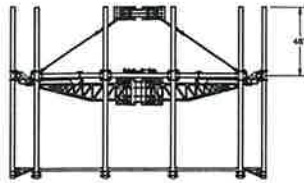
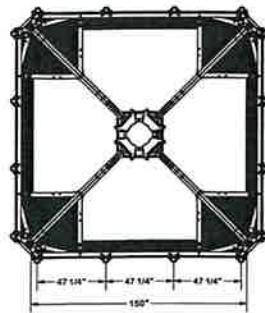
RRH DETAILS

Sheet Number:

A-3.1



| PARTS LIST | | | | | |
|-------------|-----|------------|---|--------|----------|
| ITEM | QTY | PART NO. | PART DESCRIPTION | LENGTH | UNIT WT. |
| 1 | 4 | X-LPP-SA14 | SIDE ARM WELDMENT FOR 14" LOW PROFILE PLATFORM | 151.68 | 606.71 |
| 2 | 4 | X-LPP-CN | LOW PROFILE PLATFORM CORNER WELDMENT | 199.78 | 785.81 |
| 3 | 4 | X-8MM-HD | WELDMENT FOR 4-SIDED HEAVY DUTY RING MOUNT | 71.37 | 289.08 |
| 4 | 4 | X-WWSP4 | WALKWAY SUPPORT PLATE FOR 4-SIDED PLATFORM | 12.00 | 22.01 |
| 5 | 16 | X-LPP-PC | FACE PIPE CONNECTION BRACKET FOR TOWER PLATFORM | 7.91 | 112.15 |
| 6 | 16 | X-WWSS | WALKWAY SUPPORT BRACKET | 6.73 | 107.67 |
| 7 | 16 | X-SCGZ-FR | FORTRESS CROSSOVER PLATE | 6.91 | 105.92 |
| 8 | 16 | X-LPP-A7 | CORNER WELDMENT ATTACHMENT ANGLE | 2.12 | 20.33 |
| 9 | 4 | GR12-12 | 12" WIDE GRIP STRUT | 120.00 | 31.06 |
| 10 | 4 | P02150 | 2-7/8" x 150" (2-1/2" SCH. 40) GALVANNEED PIPE | 150.00 | 76.84 |
| 11 | 16 | P02120 | 2-7/8" x 120" (2-1/2" SCH. 40) GALVANNEED PIPE | 120.00 | 58.07 |
| 12 | 28 | G58F-48 | 5/8" x 48" THREADED ROD (HOG.) | 48.00 | 9.40 |
| 12 | 28 | G58F-24 | 5/8" x 24" THREADED ROD (HOG.) | 24.00 | 4.70 |
| 13 | 8 | G58F-6 | 5/8" x 6" THREADED ROD (HOG.) | 6.00 | 0.70 |
| 14 | 16 | X-UB330A | 5/8" x 3" x 5-1/4" x 3-1/2" U-BOLT (HOG.) | 0.38 | 15.60 |
| 15 | 64 | X-UB3300 | 5/8" x 3" x 5-1/4" x 3-1/2" U-BOLT (HOG.) | 1.15 | 23.06 |
| 17 | 48 | G58214 | 5/8" x 2-1/4" HDG HEX BOLT ORS | 0.29 | 13.99 |
| 18 | 24 | ASFW | 5/8" HDG A325 FLATWASHER | 0.53 | 0.82 |
| 19 | 224 | G58FW | 5/8" HDG USS FLATWASHER | 0.37 | 15.78 |
| 20 | 296 | G58LW | 5/8" HDG LOCKWASHER | 0.23 | 7.72 |
| 21 | 296 | G58NUT | 5/8" HDG HEAVY 2H HEX NUT | 0.13 | 38.45 |
| 22 | 32 | X-UB3312 | 5/8" x 3-1/2" x 4-3/4" x 2" U-BOLT (HOG.) | 0.73 | 33.41 |
| 23 | 64 | G58B2 | 3/4" x 2" HDG HEX BOLT QCS | 0.09 | 3.82 |
| 24 | 48 | G58W3 | 3/4" SQUARE WASHER | 0.25 | 13.88 |
| 25 | 128 | G3FW | 3/8" HDG USS FLATWASHER | 0.01 | 1.05 |
| 26 | 128 | G3LW | 3/8" HDG LOCKWASHER | 0.01 | 0.85 |
| 27 | 128 | G3HNUT | 3/8" HDG HEAVY 2H HEX NUT | 0.03 | 4.33 |
| 28 | 4 | X-102290 | QUAD BRACKET | 60.35 | 217.34 |
| 29 | 4 | 3207514 | 5/16" CHAIN SHACKLE | 0.78 | 3.95 |
| 30 | 8 | 320777-1 | 5/16" THIMBLE | 0.06 | 0.48 |
| 31 | 4 | 3-109F | T-BRACKET WELDMENT | 13.60 | 54.40 |
| 32 | 16 | G4224 | 5/8" UNC HEX BOLT (A325) | 0.38 | 5.69 |
| 33 | 4 | 3206014 | 5/8" TURNBUCKLE | 2.63 | 10.53 |
| 34 | 4 | 320193 | 3/8" EHS CUT STRAND | 3.50 | 14.82 |
| 35 | 16 | 2201524 | 9/16" CABLE CLAMP | 1.32 | 21.04 |
| 36 | 1 | HALO | HALO | | |
| TOTAL WT. # | | | | | 4299.82 |



TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.007")
DRILLED AND GAS CUT HOLES (± 0.007") - NO CORING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CORING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.007")
ALL OTHER ASSEMBLY (± 0.007")

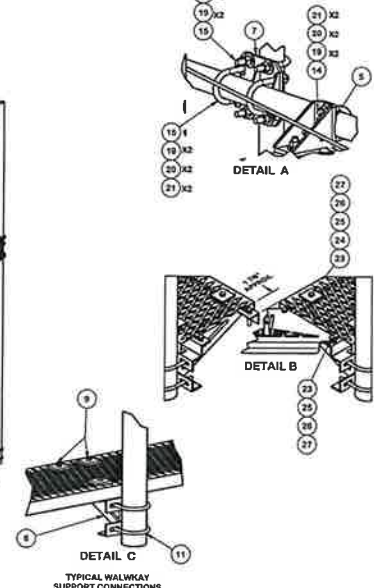
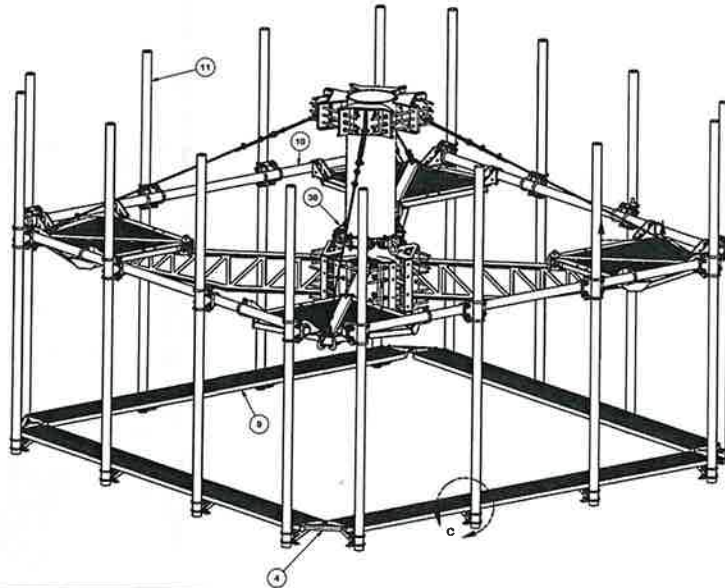
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| DATE | DESIGNED BY | ENCL. APPROVAL | PART NO. |
| 10/2/2017 | CEK | | F4P-12-H10 |
| DATE | CHECKED BY | ENCL. NO. | |
| 11/1/2017 | BMC | | |

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.007")
DRILLED AND GAS CUT HOLES (± 0.007") - NO CORING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CORING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.007")
ALL OTHER ASSEMBLY (± 0.007")

| DESCRIPTION | | | |
|-------------|-------------|----------------|------------|
| F4P-12-H10 | | | |
| DATE | DESIGNED BY | ENCL. APPROVAL | PART NO. |
| 10/2/2017 | CEK | | F4P-12-H10 |
| DATE | CHECKED BY | ENCL. NO. | |
| 11/1/2017 | BMC | | |

NOTE:
ANTENNA MOUNTING PIPES AND WALKWAY
REMOVED FOR CLAIRTY



DETAIL A

DETAIL B

DETAIL C

TOLERANCE NOTES

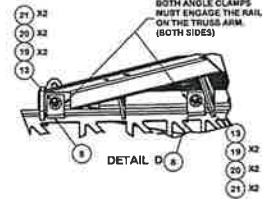
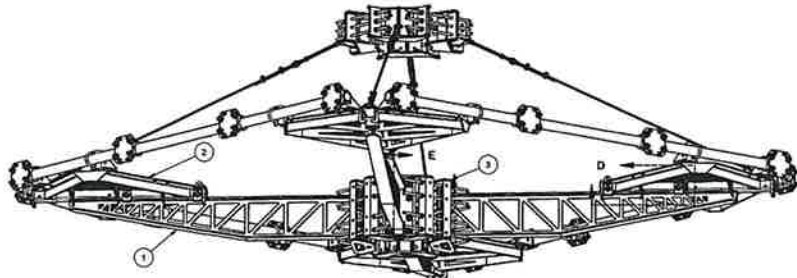
TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
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DRILLED AND GAS CUT HOLES (± 0.007") - NO CORING OF HOLES
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ALL OTHER MACHINING (± 0.007")
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| DESCRIPTION | | | |
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| F4P-12-H10 | | | |
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LASER CUT EDGES AND HOLES (± 0.010") - NO CORING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.007")
ALL OTHER ASSEMBLY (± 0.007")

| DESCRIPTION | | | |
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| DATE | DESIGNED BY | ENCL. APPROVAL | PART NO. |
| 10/2/2017 | CEK | | F4P-12-H10 |
| DATE | CHECKED BY | ENCL. NO. | |
| 11/1/2017 | BMC | | |



DETAIL D

DETAIL E

Issued For:

CVL02811

YERINGTON

402 NORTH MAIN STREET
YERINGTON, NV 89447
FAX 15755529
USID# 317743

Prepared For:



5001 Executive Parkway
San Ramon, California 94583

Vendor:

EPIC
WIRELESS GROUP LLC
Connecting a Wireless World
605 Coolidge Drive, Suite 100
Folsom, California 95630

AT&T SITE NO: CVL02811

PROJECT NO: 22-008

DRAWN BY: BW

CHECKED BY: BW

| REV | DATE | DESCRIPTION |
|-----|-----------|--------------|
| 3 | | |
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| 1 | | |
| 0 | | |
| C | | |
| B | 6/20/2022 | 100% ZD SUB. |
| A | 6/3/2022 | 50% ZD SUB. |

Licensee:



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Designer / Engineer:

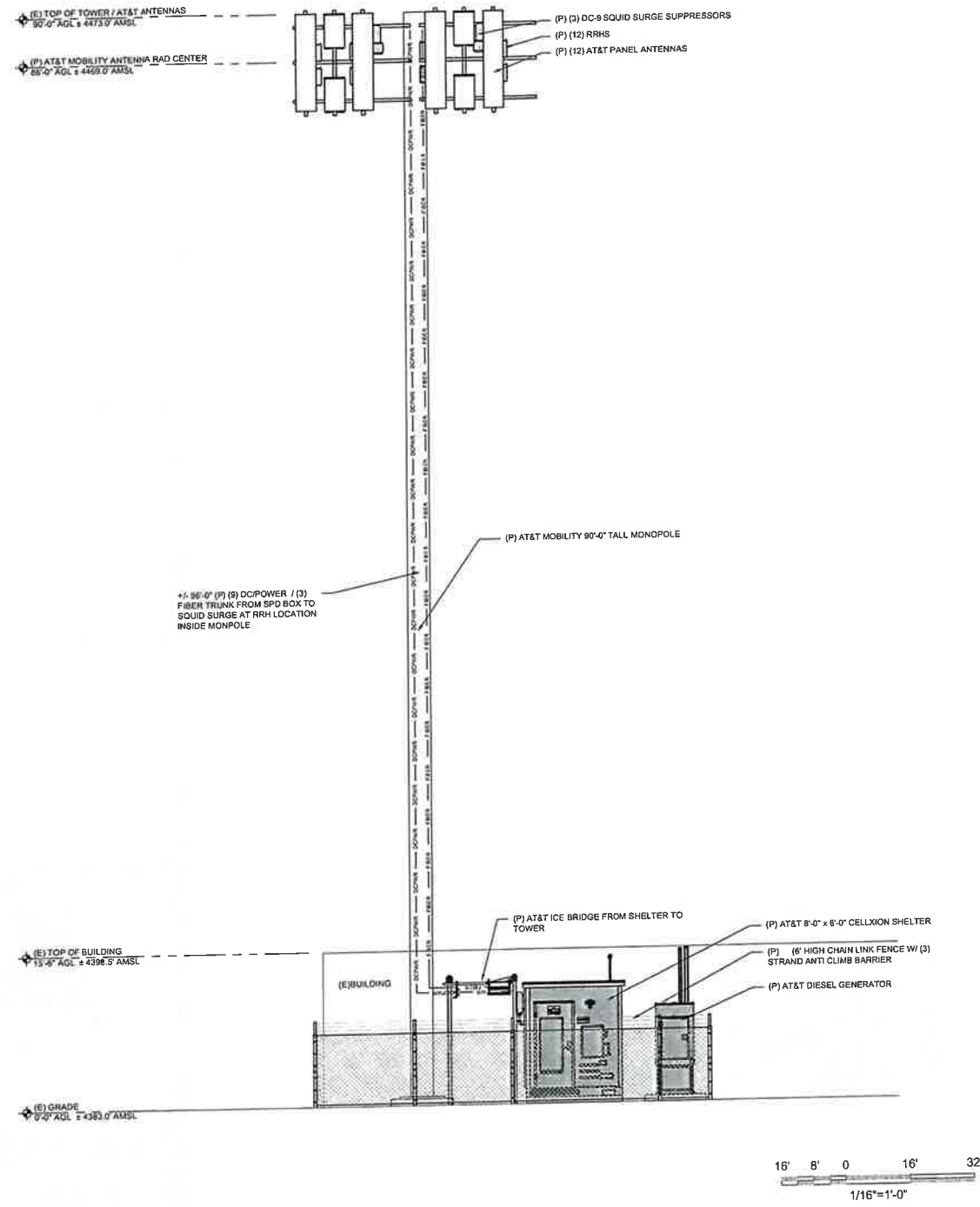
Norman
Scheel
Structural
Engineer
5022 Sunrise Blvd.
Fair Oaks, California 95628

Sheet Title:

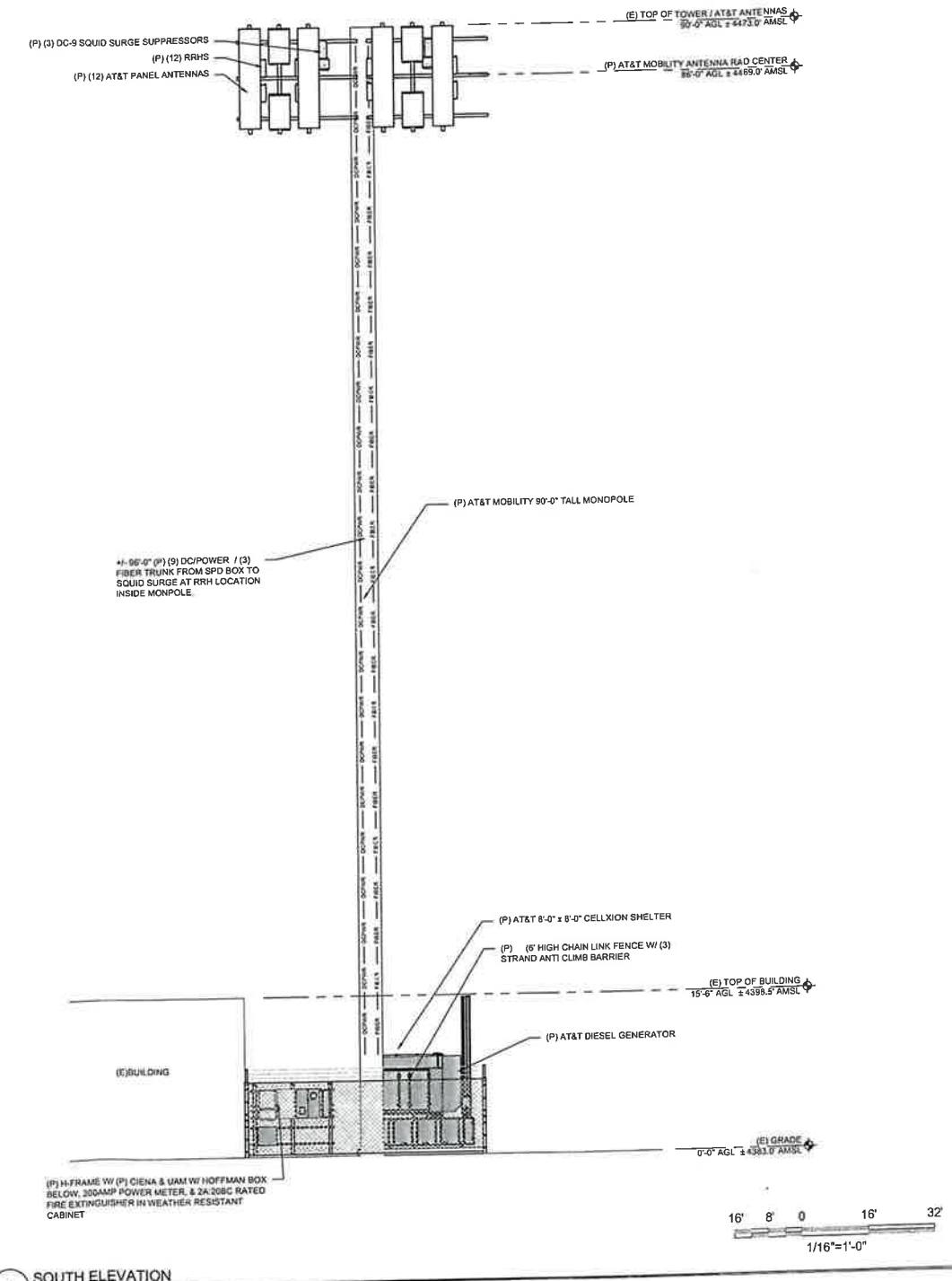
T-ARM DETAILS

Sheet Number:

A-3.2



1 EAST ELEVATION
1/16" = 1'-0"



2 SOUTH ELEVATION
1/16" = 1'-0"

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YERINGTON
402 NORTH MAIN STREET
YERINGTON, NV 89447
FA# 15758529
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at&t
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| 3 | | |
| 2 | | |
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| 0 | | |
| C | | |
| B | 6/20/2022 | 100% 2D SUB |
| A | 6/3/2022 | 90% 2D SUB |

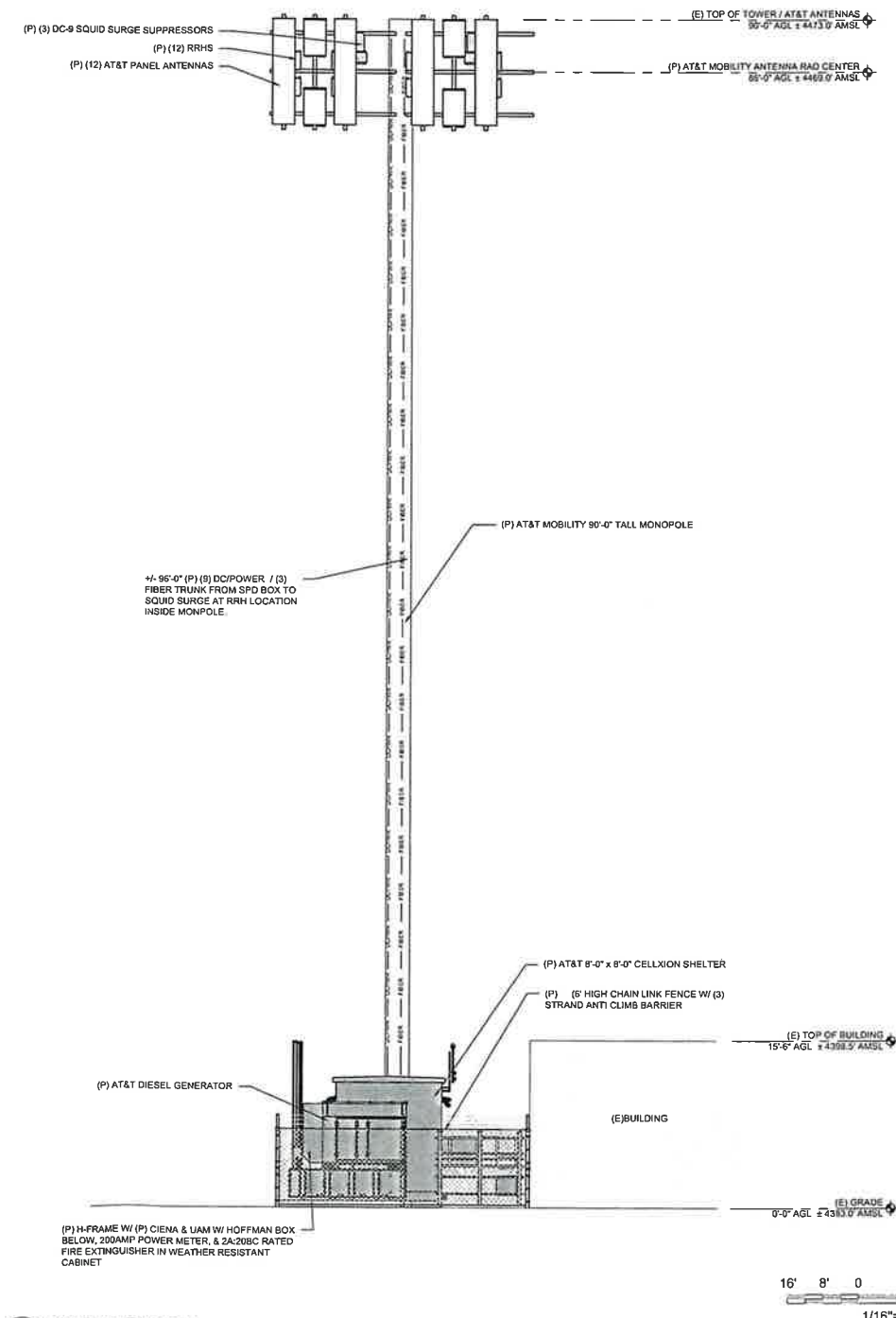
Licensee:
N.J. SCHEEL
Exp. 12/02/22
STRUCTURAL CIVIL
No. 5780 E.D.

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Designer / Engineer:
Norman Scheel Structural Engineer
33 YEARS OF EXPERIENCE
5022 Sunrise Blvd.
Fair Oaks, California 95628

Sheet Title:
PROPOSED ELEVATIONS

Sheet Number:
A-4.1



1 NORTH ELEVATION
1/16" = 1'-0"

Issued For:

CVL02811

YERINGTON

402 NORTH MAIN STREET
YERINGTON, NV 89447
FA# 15758529
USID# 317743

Prepared For:

5001 Executive Parkway
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Vendor:

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Folsom, California 95630

AT&T SITE NO: CVL02811

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| C | | |
| B | 6/20/2022 | 100% ZD SUB. |
| A | 6/3/2022 | 90% ZD SUB. |
| REV | DATE | DESCRIPTION |

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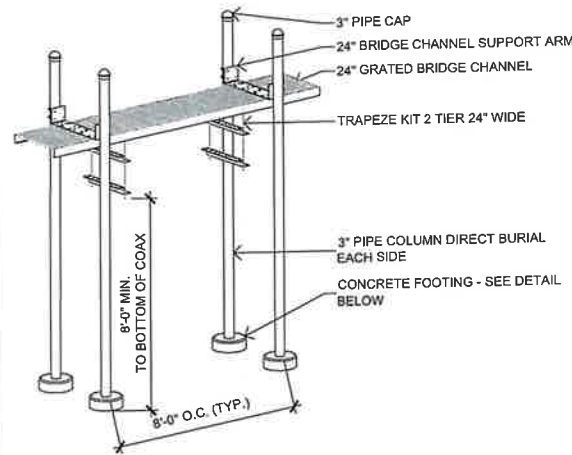
5022 Sunrise Blvd.
Fair Oaks, California 95628

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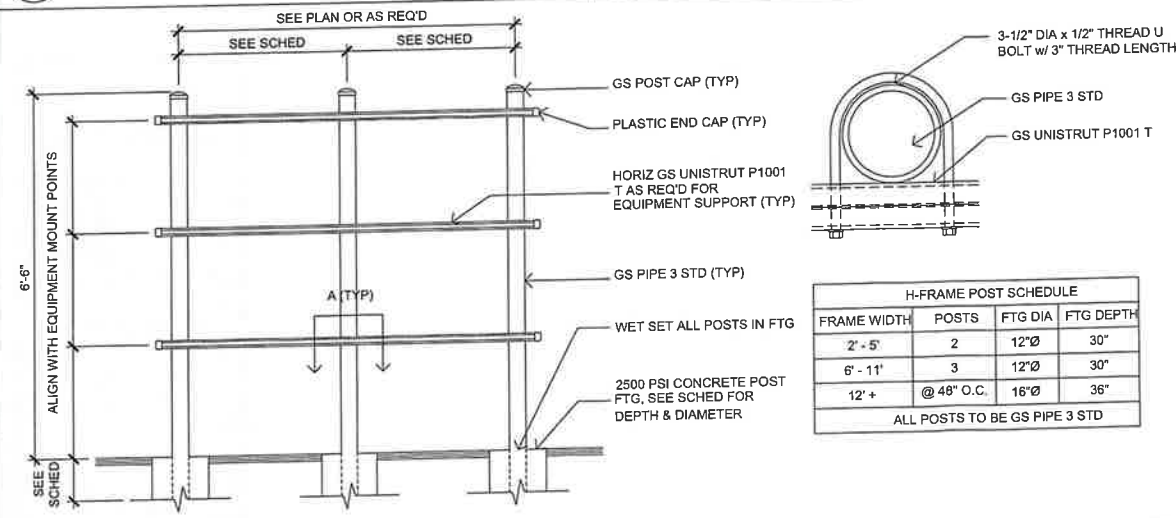
PROPOSED ELEVATIONS

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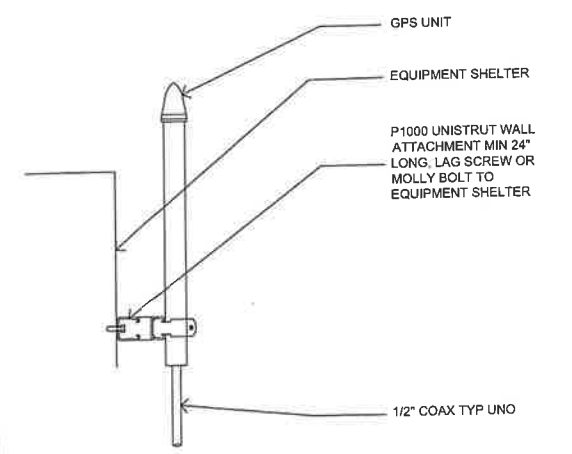
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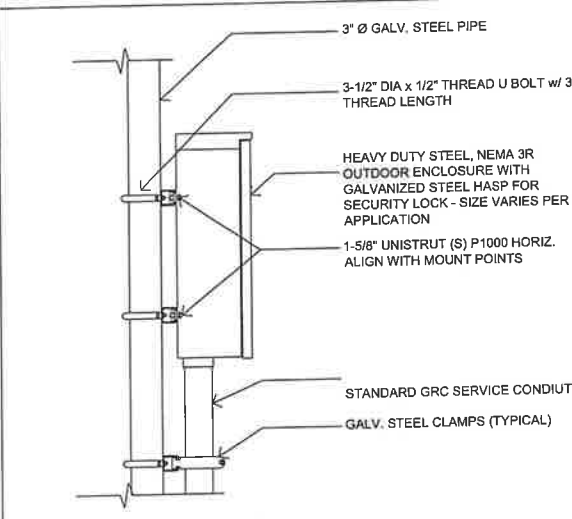
8 ICE BRIDGE DETAIL
NO SCALE



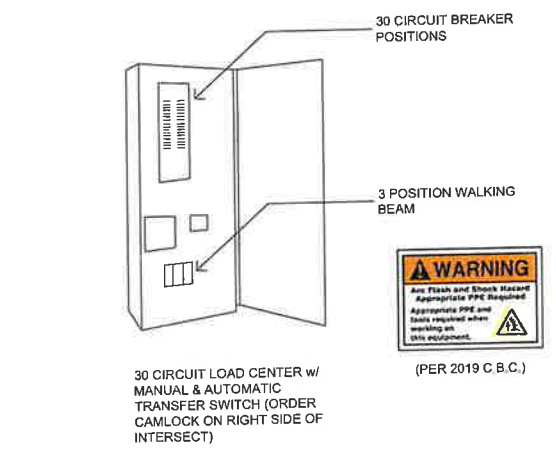
5 TYPICAL EQUIPMENT H-FRAME
3/4" = 1'-0"



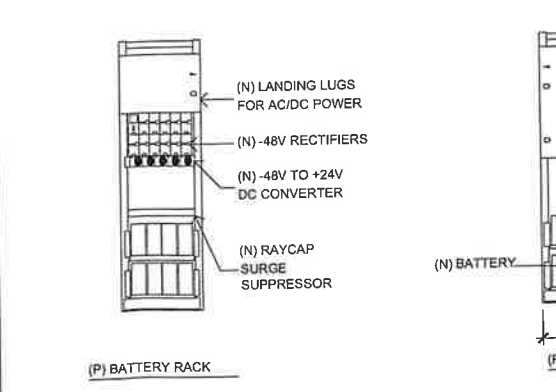
7 GPS MOUNTING DETAIL
NOT TO SCALE



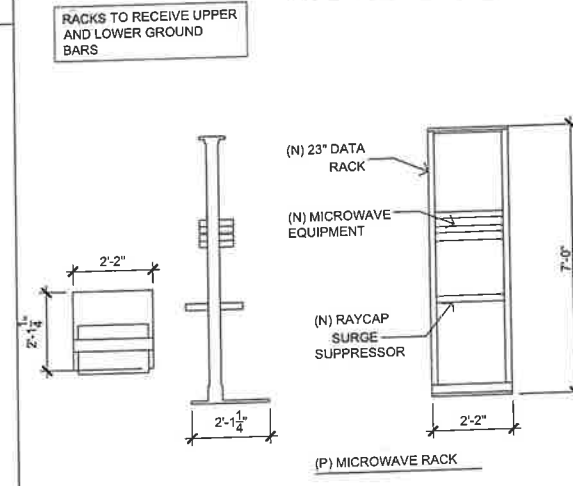
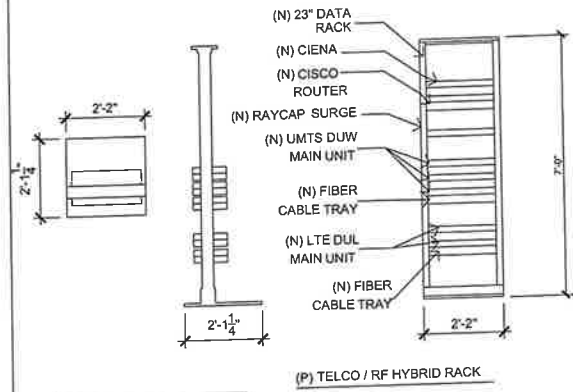
6 UTILITY BOX MOUNTING DETAIL
1-1/2" = 1'-0"



3 INTERSECT PTLC-ATS-3S-12200 INTERGRATED LOAD CENTER
NOT TO SCALE



1 POWER / BATTERY RACK DETAILS
1-1/2" = 1'-0"



1 SHELTER RACK DETAILS
1-1/2" = 1'-0"

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| 3 | | |
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| 1 | | |
| 0 | | |
| C | | |
| B | 6/20/2022 | 100% 2D SUB |
| A | 6/3/2022 | 90% 2D SUB |

Licensee:
Norman Scheel
Professional Engineer - State of Nevada
Exp. 9/30/22
No. 5780

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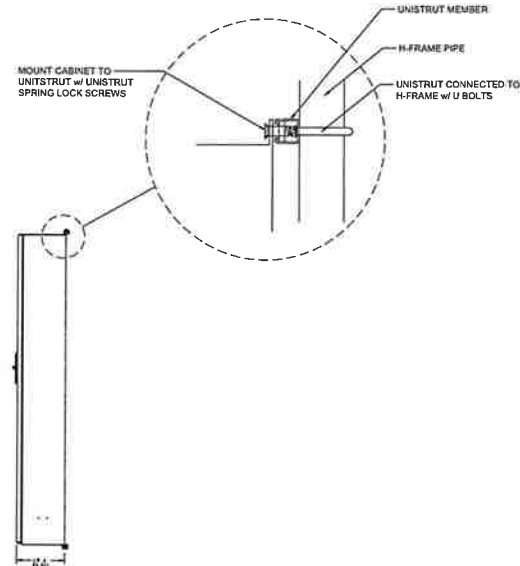
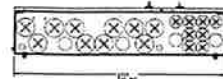
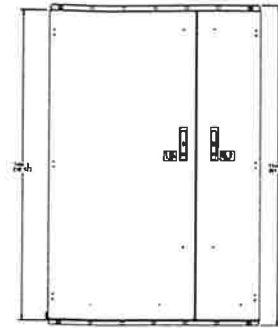
Designer / Engineer:
Norman Scheel
Structural Engineer
33 YEARS OF PROFESSIONAL EXPERIENCE
5022 Sunrise Blvd.
Fair Oaks, California 95628

Sheet Title:
CONSTRUCTION DETAILS - EQUIPMENT

Sheet Number:
A-5

SPD Box Overview

- Total 3 Chambers: Wet Chamber, DC Power, Fiber Termination
- 60"H x 40"W x 9"D
- Two-door configuration
- Fiber trunk cable entry via grommets in bottom chamber
- 2" trade size KO's for power and fiber cables
- Wet Chamber to prevent water/moisture entering the main chamber
- Power section
 - Includes 2 x 26-position DC circuit breaker panels
 - Input voltage -48VDC or -58VDC
 - 2 x DC surge protection devices
- Fiber section
 - 48 LC Duplex Fiber Ports
 - Spool for fiber slack storage



6 SPD BOX
1/4" = 1'-0"

Issued For:
CVL02811
YERINGTON
402 NORTH MAIN STREET
YERINGTON, NV 89447
FA# 15758529
USID# 317743

Prepared For:

5001 Executive Parkway
San Ramon, California 94583

Vendor:

WIRELESS GROUP LLC
Connecting a Wireless World
605 Coolidge Drive, Suite 100
Folsom, California 95630

AT&T SITE NO: CVL02811
PROJECT NO: 22-008
DRAWN BY: BW
CHECKED BY: BW

| REV | DATE | DESCRIPTION |
|-----|-----------|--------------|
| 3 | | |
| 2 | | |
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| 0 | | |
| C | | |
| B | 6/20/2022 | 100% ZD SUB. |
| A | 6/9/2022 | 90% ZD SUB. |

Licensee:

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.

Designer / Engineer:

5022 Sunrise Blvd.
Fair Oaks, California 95628

Sheet Title:
**CONSTRUCTION
DETAILS -
EQUIPMENT**

Sheet Number:
A-5.1

ELECTRICAL NOTES

GENERAL REQUIREMENTS:

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRICAL CODE AND ALL STATE AND LOCAL CODES. NOTHING IN THESE PLANS OR SPECIFICATIONS SHALL BE CONSTRUED AS TO PERMIT WORK NOT CONFORMING TO THE MOST STRINGENT OF THESE CODES. SHOULD CHANGES BE NECESSARY IN THE DRAWINGS OR SPECIFICATIONS TO MAKE THE WORK COMPLY WITH THESE REQUIREMENTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING AND CEASE WORK ON PARTS OF THE CONTRACT WHICH ARE AFFECTED.
2. THE CONTRACTOR SHALL MAKE A SITE VISIT PRIOR TO BIDDING AND CONSTRUCTION TO VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES. THE CONTRACTOR ASSUMES ALL LIABILITY FOR FAILURE TO COMPLY WITH THIS PROVISION.
3. THE EXTENT OF THE WORK IS INDICATED BY THE DRAWINGS, SCHEDULES, AND SPECIFICATIONS AND IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT. THE WORK SHALL CONSIST OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS, AND SUPPLIES NECESSARY FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. THE WORK SHALL ALSO INCLUDE THE COMPLETION OF ALL ELECTRICAL WORK NOT MENTIONED OR SHOWN WHICH IS NECESSARY FOR SUCCESSFUL OPERATION OF ALL SYSTEMS.
4. THE CONTRACTOR SHALL PREPARE A BID FOR A COMPLETE AND OPERATIONAL SYSTEM, WHICH INCLUDES THE COST FOR MATERIAL AND LABOR.
5. WORKMANSHIP AND NEAT APPEARANCE SHALL BE AS IMPORTANT AS THE OPERATION. DEFECTIVE OR DAMAGED MATERIALS SHALL BE REPLACED OR REPAIRED PRIOR TO FINAL ACCEPTANCE IN A MANNER ACCEPTABLE TO OWNER AND ENGINEER.
6. COMPLETE THE ENTIRE INSTALLATION AS SOON AS THE PROGRESS OF THE WORK WILL PERMIT. ARRANGE ANY OUTAGE OF SERVICE WITH THE OWNER AND BUILDING MANAGER IN ADVANCE. MINIMIZE DOWNTIME ON THE BUILDING ELECTRICAL SYSTEM.
7. THE ENTIRE ELECTRICAL SYSTEM INSTALLED UNDER THIS CONTRACT SHALL BE DELIVERED IN PROPER WORKING ORDER. REPLACE, WITHOUT ADDITIONAL COST TO THE OWNER, ANY DEFECTIVE MATERIAL AND EQUIPMENT WITHIN ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.
8. ANY ERROR, OMISSION OR DESIGN DISCREPANCY ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION OR CORRECTION BEFORE CONSTRUCTION.
9. "PROVIDE" INDICATES THAT ALL ITEMS ARE TO BE FURNISHED, INSTALLED AND CONNECTED IN PLACE.
10. CONTRACTOR SHALL SECURE ALL NECESSARY BUILDING PERMITS AND PAY ALL REQUIRED FEES.

EQUIPMENT LOCATIONS:

1. THE DRAWINGS INDICATE DIAGRAMMATICALLY THE DESIRED LOCATIONS OR ARRANGEMENTS OF THE CONDUIT RUNS, OUTLETS, EQUIPMENT, ETC., AND ARE TO BE FOLLOWED AS CLOSELY AS PROPER JUDGEMENT MUST BE EXERCISED IN EXECUTING THE WORK SO AS TO SECURE THE BEST POSSIBLE INSTALLATION IN THE AVAILABLE SPACE. LIMITATIONS OR INTERFERENCE OF STRUCTURE CONDITIONS ENCOUNTERED.
2. IN THE EVENT CHANGES IN THE INDICATED LOCATIONS OR ARRANGEMENTS ARE NECESSARY, DUE TO FIELD CONDITIONS IN THE BUILDING CONSTRUCTION OR REARRANGEMENT OF FURNISHINGS OR EQUIPMENT, SUCH CHANGES SHALL BE MADE WITHOUT COST, PROVIDING THE CHANGE IS ORDERED BEFORE THE CONDUIT RUNS, ETC., AND WORK DIRECTLY CONNECTED TO THE SAME IS INSTALLED AND NO EXTRA MATERIAL IS REQUIRED.
3. LIGHTING FIXTURES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ONLY. COORDINATE THE FIXTURE LOCATION WITH MECHANICAL EQUIPMENT TO AVOID INTERFERENCE.
4. COORDINATE THE WORK OF THIS SECTION WITH THAT OF ALL OTHER TRADES, WHERE CONFLICTS OCCUR, CONSULT WITH THE RESPECTIVE CONTRACTOR AND COME TO AGREEMENT AS TO CHANGES NECESSARY, OBTAIN WRITTEN ACCEPTANCE FROM ENGINEER FOR THE PROPOSED CHANGES BEFORE PROCEEDING.

SHOP DRAWINGS:

1. N/A UNLESS NOTED OTHERWISE.

SUBSTITUTIONS:

1. NO SUBSTITUTIONS ARE ALLOWED.

TESTS:

1. BEFORE FINAL ACCEPTANCE OF WORK, THE CONTRACTOR SHALL INSURE THAT ALL EQUIPMENT, SYSTEMS, FIXTURES, ETC., ARE WORKING SATISFACTORILY AND TO THE INTENT OF THE DRAWINGS.

PERMITS:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING OUT AND PAYING FOR ALL REQUIRED PERMITS, INSPECTION AND EXAMINATION WITHOUT ADDITIONAL EXPENSE TO THE OWNER.

GROUNDING:

1. THE CONTRACTOR SHALL PROVIDE A COMPLETE, AND APPROVED GROUNDING SYSTEM INCLUDING ELECTRODES, ELECTRODE CONDUCTOR, BONDING CONDUCTORS, AND EQUIPMENT CONDUCTORS AS REQUIRED BY ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
2. CONDUITS CONNECTED TO EQUIPMENT AND DEVICES SHALL BE METALLICALLY JOINED TOGETHER TO PROVIDE EFFECTIVE ELECTRICAL CONTINUITY.
3. FEEDERS AND BRANCH CIRCUIT WIRING INSTALLED IN A NONMETALLIC CONDUIT SHALL INCLUDE A CODE SIZED GROUNDING CONDUCTOR HAVING GREEN INSULATION. THE GROUND CONDUCTOR SHALL BE PROPERLY CONNECTED AT BOTH ENDS TO MAINTAIN ELECTRICAL CONTINUITY.
4. REFER TO GROUND BUS DETAILS. PROVIDE NEW GROUND SYSTEM COMPLETE WITH CONDUCTORS, GROUND ROD AND DESCRIBED TERMINATIONS.
5. ALL GROUNDING CONDUCTORS SHALL BE SOLID TINNED COPPER AND ANNEALED #2 UNLESS NOTED OTHERWISE.
6. ALL NON-DIRECT BURIED TELEPHONE EQUIPMENT GROUND CONDUCTORS SHALL BE #2 STRANDED THHN (GREEN) INSULATION.
7. ALL GROUND CONNECTIONS SHALL BE MADE WITH "HYGROUND" COMPRESSION SYSTEM BURNDY CONNECTORS EXCEPT WHERE NOTED OTHERWISE.
8. PAINT AT ALL GROUND CONNECTIONS SHALL BE REMOVED.
9. GROUNDING SYSTEM RESISTANCE SHALL NOT EXCEED 5 OHMS. IF THE RESISTANCE VALUE IS EXCEEDED, NOTIFY THE OWNER FOR FUTURE INSTRUCTION ON METHODS FOR REDUCING THE RESISTANCE VALUE. SUBMIT TEST REPORTS AND FURNISH TO SMART SMR ONE COMPLETE SET OF PRINTS SHOWING "INSTALLED WORK".

UTILITY SERVICE:

1. TELEPHONE AND ELECTRICAL METERING FACILITIES SHALL CONFORM TO THE REQUIREMENTS OF THE SERVING UTILITY COMPANIES. CONTRACTOR SHALL VERIFY SERVICE LOCATIONS AND REQUIREMENTS. SERVICE INFORMATION WILL BE FURNISHED BY THE SERVING UTILITIES.
2. CONFORM TO ALL REQUIREMENTS OF THE SERVING UTILITY COMPANIES.

PRODUCTS:

1. ALL MATERIALS SHALL BE NEW, CONFORMING WITH NEC, ANSI, NEMA, AND THEY SHALL BE U.L. LISTED AND LABELED.
2. CONDUIT:
 - A) RIGID CONDUIT SHALL BE U.L. LABEL GALVANIZED ZINC COATED WITH ZINC INTERIOR AND SHALL BE USED WHEN INSTALLED IN OR UNDER CONCRETE SLABS. IN CONTACT WITH THE EARTH, UNDER PUBLIC ROADWAYS, IN MASONRY WALLS OR EXPOSED ON BUILDING EXTERIOR, RIGID CONDUIT IN CONTACT WITH EARTH SHALL BE 1/2 LAPPED WRAPPED WITH HUNTS WRAP PROCESS NO. 3.
 - B) ELECTRICAL METALLIC TUBING SHALL U.L. LABEL. FITTINGS SHALL BE COMPRESSION TYPE. EMT SHALL BE USED ONLY FOR INTERIOR RUNS.
 - C) FLEXIBLE METALLIC CONDUIT SHALL HAVE U.L. LISTED LABEL AND MAY BE USED WHERE PERMITTED BY CODE. FITTINGS SHALL BE "JAKE" OR "SQUEEZE" TYPE. SEAL TIGHT FLEXIBLE CONDUIT. ALL CONDUIT EXCESS OF SIX FEET IN LENGTH SHALL HAVE FULL SIZE GROUND WIRE.
 - D) CONDUIT RUNS MAY BE SURFACE MOUNTED IN CEILING OR WALLS UNLESS INDICATED OTHERWISE. CONDUIT INDICATED SHALL RUN PARALLEL OR AT RIGHT ANGLES TO CEILING, FLOOR OR BEAMS. VERIFY EXACT ROUTING OF ALL EXPOSED CONDUIT WITH ARCHITECT PRIOR TO INSTALLING.
 - E) ALL UNDERGROUND CONDUITS SHALL BE PVC SCHEDULE 40 (UNLESS NOTED OTHERWISE) AT A MINIMUM DEPTH OF 24" BELOW GRADE.
 - F) ALL CONDUIT ONLY (C.O.) SHALL HAVE PULL ROPE.
 - G) CONDUITS RUN ON ROOFS SHALL BE INSTALLED ON 4x4 REDWOOD SLEEPERS, 8'-0" ON CENTER, SET IN NON-HARDENING MASTIC.
3. ALL WIRE AND CABLE SHALL BE COPPER, 600 VOLT, #12 AWG MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS. CONDUCTORS #10 AWG AND SMALLER SHALL BE SOLID. CONDUCTORS #8 AWG AND LARGER SHALL BE STRANDED. TYPE THHN INSULATION USED UNLESS CONDUCTORS INSTALLED IN CONDUIT EXPOSED TO WEATHER, IN WHICH CASE TYPE THWN INSULATION SHALL BE USED.
4. PROVIDE GALVANIZED COATED STEEL BOXES AND ACCESSORIES SIZED PER CODE TO ACCOMMODATE ALL DEVICES AND WIRING.
5. DUPLEX RECEPTACLES SHALL BE SPECIFICATION GRADE WITH WHITE FINISH (UNLESS NOTED BY ENGINEER), 20 AMP, 125 VOLT, THREE WIRE GROUNDING TYPE, NEMA 5-20R. MOUNT RECEPTACLE AT 12" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED ON DRAWINGS OR DETAILS. WEATHERPROOF RECEPTACLES SHALL BE GROUND FAULT INTERRUPTER TYPE WITH SIERRA #WPO-8 LIFT COVER PLATES.
6. TOGGLE SWITCHES SHALL BE 20 AMP, 120 VOLT AC, SPECIFICATION GRADE WHITE (UNLESS NOTED OTHERWISE) FINISH. MOUNT SWITCHES AT 48" ABOVE FINISHED FLOOR.
7. PANEL BOARDS SHALL BE DEAD FRONT SAFETY TYPE WITH ANTI-BURST SOLDERLESS COMPRESSION APPROVED FOR COPPER CONDUCTORS. COPPER BUS BARS, FULL SIZED NEUTRAL BUS, GROUND BUS AND EQUIPPED WITH QUICK-MAKE QUICK-BREAK BOLT-IN TYPE THERMAL MAGNETIC CIRCUIT BREAKERS. MOUNT TOP OF THE PANEL BOARD AT 6'-3" ABOVE FINISH FLOOR. PROVIDE TYPE WRITTEN CIRCUIT DIRECTORY.
8. ALL CIRCUIT BREAKERS, MAGNETIC STARTERS, AND OTHER ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING RATING NOT LESS THAN THE MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED.
9. GROUND RODS SHALL BE COPPER CLAD STEEL, 5/8" DIA. ROUND AND 10'-0" LONG. COPPERWELD OR APPROVED EQUAL.

INSTALLATION:

1. PROVIDE SUPPORTING DEVICES FOR ALL ELECTRICAL EQUIPMENT, FIXTURES, BOXES, PANEL, ETC. SUPPORT LUMINARIES FROM THE UNDERSIDE OF STRUCTURAL CEILING. EQUIPMENT SHALL BE BRACED TO WITHSTAND HORIZONTAL FORCES IN ACCORDANCE WITH STATE AND LOCAL CODE REQUIREMENTS. PROVIDE PRIOR ALIGNMENT AND LEVELING OF ALL DEVICES AND FIXTURES.
2. CUTTING, PATCHING, CHASES, OPENINGS, PROVIDE LAYOUT IN ADVANCE TO ELIMINATE UNNECESSARY CUTTING OR DRILLING OF WALLS, FLOORS, CEILINGS, AND ROOFS. ANY DAMAGE TO BUILDING STRUCTURE OR EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR, OBTAIN PERMISSION FROM THE ENGINEER BEFORE CORING.
3. IN DRILLING HOLES INTO THE CONCRETE WHETHER FOR FASTENING OR ANCHORING PURPOSES, OR PENETRATIONS THROUGH THE FLOOR FOR CONDUIT RUNS, PIPE RUNS, ETC., IT MUST BE CLEARLY UNDERSTOOD THAT TENDONS AND/OR REINFORCING STEEL WILL NOT BE DRILLED INTO, CUT OR DAMAGED UNDER ANY CIRCUMSTANCES.
4. LOCATION OF TENDONS AND/OR REINFORCING STEEL ARE NOT DEFINITELY KNOWN AND THEREFORE, MUST BE SEARCHED FOR BY APPROPRIATE METHODS AND EQUIPMENT VIA X-RAY OR OTHER DEVICES THAT CAN ACCURATELY LOCATE THE REINFORCING AND/OR STEEL TENDONS.
5. PENETRATIONS IN FIRE RATED WALLS SHALL BE FIRE STOPPED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT C.B.C.

PROJECT CLOSEOUT:

1. UPON COMPLETION OF WORK, CONDUCT CONTINUITY, SHORT CIRCUIT, AND FALL POTENTIAL GROUNDING TESTS FOR APPROVAL. SUBMIT TEST REPORTS TO PROJECT MANAGER. CLEAN PREMISES OF ALL DEBRIS RESULTING FROM WORK AND LEAVE WORK IN A COMPLETE AND UNDAMAGED CONDITION.
2. PROVIDE PROJECT MANAGER WITH ONE SET OF COMPLETE ELECTRICAL "AS INSTALLED" DRAWINGS AT THE COMPLETION OF THE JOB, SHOWING ACTUAL DIMENSIONS, ROUTINGS AND CIRCUITS.
3. ALL BROCHURES, OPERATING MANUALS, CATALOG, SHOP DRAWINGS, ETC., SHALL BE TURNED OVER TO OWNER AT JOB COMPLETION.

GROUNDING NOTES:

1. ALL DETAILS ARE SHOWN IN GENERAL TERMS, ACTUAL GROUNDING INSTALLATION REQUIREMENTS AND CONSTRUCTION ACCORDING TO SITE CONDITIONS, AT&T'S GROUNDING SPECIFICATIONS NUMBER ATT-TP-76416 (CHAPTER 7), AND MANUFACTURER SPECIFICATION.
2. ALL GROUNDING CONDUCTORS: #2 AWG SOLID BARE TINNED COPPER WIRE UNLESS OTHERWISE NOTED.
3. GROUND BAR LOCATED IN BASE OF EQUIPMENT WILL BE PROVIDED, FURNISHED AND INSTALLED BY THE VENDOR.
4. ALL BELOW GRADE CONNECTIONS: EXOTHERMIC WELD TYPE, ABOVE GRADE CONNECTIONS, EXOTHERMIC WELD TYPE.
5. GROUND RING SHALL BE LOCATED A MINIMUM OF 24" BELOW GRADE OR 6" MINIMUM BELOW THE FROST LINE.
6. INSTALL GROUND CONDUCTORS AND GROUND ROD MINIMUM OF 1'-0" FROM EQUIPMENT CONCRETE SLAB, SPREAD FOOTING, OR FENCE.
7. EXOTHERMIC WELD GROUND CONNECTION TO FENCE POST: TREAT WITH A COLD GALVANIZED SPRAY.
8. GROUND BARS:
 - A) EQUIPMENT GROUND BUS BAR (EGB) LOCATED AT THE BOTTOM OF ANTENNA POLE/MAST FOR MAKING GROUNDING JUMPER CONNECTIONS TO COAX FEEDER CABLES SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. JUMPERS (FURNISHED BY OWNERS) SHALL BE INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR.
9. ALL GROUNDING INSTALLATIONS AND CONNECTIONS SHALL BE MADE BY ELECTRICAL CONTRACTOR.
10. OBSERVE N.E.C. AND LOCAL UTILITY REQUIREMENTS FOR ELECTRICAL SERVICE GROUNDING.
11. GROUNDING ATTACHMENT TO TOWER SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS OR AT GROUNDING POINTS PROVIDED (2 MINIMUM).
12. IF EQUIPMENT IS IN A C.L. FENCE ENCLOSURE, GROUND ONLY CORNER POSTS AND SUPPORT POSTS OF GATE. IF CHAIN LINK LID IS USED, THEN GROUND LID ALSO.
13. GROUNDING AT PPC CABINET SHALL BE VERTICALLY INSTALLED.
14. ALL GROUNDING FOR ANTENNAS SHALL BE CONNECTED SO THAT IT WILL BY-PASS MAIN BUSS BAR.
15. ALL EMT RUNS SHALL BE GROUNDED AND HAVE A BUSHING, NO PVC ABOVE GROUND.
16. USE SEPARATE HOLES FOR GROUNDING AT BUSS BAR, NO "DOUBLE-UP" OF LUGS.
17. POWER AND TELCO CABINETS SHALL BE GROUNDED (BONDED) TOGETHER.
18. NO LBS ALLOWED ON GROUNDING.
19. PROVIDE STAINLESS STEEL CLAMP AND BRASS TAGS ON COAX AT ANTENNAS AND DOGHOUSE.

Issued For:

CVL02811

YERINGTON

402 NORTH MAIN STREET
YERINGTON, NV 89447
FAX 15758529
USID# 317743

Prepared For:



5001 Executive Parkway
San Ramon, California 94583

Vendor:



AT&T SITE NO: CVL02811

PROJECT NO: 22-008

DRAWN BY: BW

CHECKED BY: BW

| REV | DATE | DESCRIPTION |
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| C | | |
| B | 6/20/2022 | 100% ZD SUB |
| A | 6/3/2022 | 90% ZD SUB |

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Designer / Engineer:



Sheet Title:

GENERAL
ELECTRICAL
NOTES

Sheet Number:

E-1

This installation shall comply with the currently adopted edition of

- 4 ELECTRICAL NOTES
1/4" = 1'-0"

| NAME/DATE: PANEL A | | | | SC LEVEL: 22.000 | | | | VOLTS: 120/240V, 1Ø, 3W | | | | | |
|---------------------|---------|------|------------------|-------------------|-------------|---------------|------|-------------------------|--|--|---------|---------|--|
| LOCATION: ATAT SITE | | | | | | | | BUS AMPS: 200A | | | | | |
| MOUNTING: WALL | | | | | | | | MAIN CB: 200A | | | | | |
| ØA | ØB | | | | | | | | | | ØA | ØB | |
| LOAD VA | LOAD VA | CONF | LOAD DESCRIPTION | BKR AMPY POLE | CIRCUIT NO. | BKR AMPY POLE | CONF | LOAD DESCRIPTION | | | LOAD VA | LOAD VA | |
| 1,120 | - | Y | RECTIFIER #1 | 3Ø1 | 01 02 | 3Ø2 | Y | RECTIFIER #4 | | | 1,120 | - | |
| - | 1,120 | Y | RECTIFIER #1 | - | 03 04 | - | Y | RECTIFIER #5 | | | - | 1,120 | |
| 1,120 | - | Y | RECTIFIER #2 | 3Ø2 | 05 06 | 3Ø2 | Y | RECTIFIER #6 | | | 1,120 | - | |
| - | 1,120 | Y | RECTIFIER #2 | - | 07 08 | - | Y | RECTIFIER #5 | | | - | 1,120 | |
| 1,120 | - | Y | RECTIFIER #3 | 3Ø2 | 09 10 | 3Ø2 | Y | RECTIFIER #6 | | | 1,120 | - | |
| - | 1,120 | Y | RECTIFIER #3 | - | 11 12 | - | Y | RECTIFIER #6 | | | - | 1,120 | |
| 1,120 | - | Y | RECTIFIER #7 | 3Ø3 | 13 14 | 3Ø2 | Y | RECTIFIER #10 | | | 1,120 | - | |
| - | 1,120 | Y | RECTIFIER #7 | - | 15 16 | - | Y | RECTIFIER #10 | | | - | 1,120 | |
| 1,120 | - | Y | RECTIFIER #8 | 3Ø2 | 17 18 | 3Ø2 | Y | RECTIFIER #11 | | | 1,120 | - | |
| - | 1,120 | Y | RECTIFIER #8 | - | 19 20 | - | Y | RECTIFIER #11 | | | - | 1,120 | |
| 1,120 | - | Y | RECTIFIER #9 | 3Ø2 | 21 22 | - | N | SPACE | | | 1,120 | - | |
| - | 1,120 | Y | RECTIFIER #9 | - | 23 24 | 3Ø1 | Y | GFCI RECEPTACLE | | | - | 300 | |
| 1,600 | - | Y | HVAC 1 | 3Ø3 | 25 26 | 3Ø1 | Y | EXTERIOR LIGHT | | | 700 | - | |
| - | 1,600 | Y | HVAC 1 | - | 27 28 | 2Ø1 | Y | BATTERY HEATER BLOCK | | | - | 1,000 | |
| 180 | - | N | GFCI RECEPTACLE | | 29 30 | 2Ø1 | Y | BATTERY CHARGER BLOCK | | | 250 | - | |
| 9,700 | 9,520 | | PHASE TOTALS | | | | | PHASE TOTALS | | | 5,470 | 6,900 | |
| TOTAL VA = 34,590VA | | | | TOTAL AMPS = 148A | | | | | | | | | |

| | |
|------|--|
| BCW | BARE COPPER WIRE |
| BTS | BASE TRANSCIVER STATION |
| C | CONDUIT |
| (E) | EXISTING |
| EG | EQUIPMENT GROUND |
| (F) | FUTURE |
| FACP | FIRE ALARM CONTROL PANEL |
| GEN | GENERATOR |
| IG | ISOLATED GROUND |
| IMC | INTERMEDIATE METAL CONDUIT |
| LFMC | LIQUID TIGHT FLEXIBLE METAL CONDUIT |
| MCM | MILLION CIRCULAR MILLS |
| MI | MECHANICAL INTERLOCK |
| MP&S | SEE MECHANICAL PLANS & SPECIFICATIONS |
| (N) | NEW |
| NEMA | NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION |
| NL | NIGHT LIGHT - FIXTURE TO BE UNSWITCHED |
| PFB | PROVISION FOR FUTURE BREAKER |
| PVC | POLYVINYL CHLORIDE CONDUIT |
| (R) | RELOCATE |
| RG | RELAY TO MONITOR GENERATOR POWER |
| RU | RELAY TO MONITOR UTILITY POWER |
| TYP | TYPICAL |
| UON | UNLESS OTHERWISE NOTED |
| WP | WEATHERPROOF |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER |

NOTE: SYMBOLS INDICATED ABOVE MAY NOT NECESSARILY APPEAR AS PART OF THESE DRAWINGS IF NOT REQUIRED.

Prepared For:

 at&t

5001 Executive Parkway
San Ramon, California 94583

Vendor:



WIRELESS GROUP LLC
Connecting a Wireless World
605 Coolidge Drive, Suite 100
Folsom, California 95630

| | |
|---------------|----------|
| AT&T SITE NO: | CVL02811 |
| PROJECT NO: | 22-008 |
| DRAWN BY: | BW |
| CHECKED BY: | BW |

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| B | 6/20/2022 | 100% ZD SUB |
| A | 6/3/2022 | 99% ZD SUB |
| REV | DATE | DESCRIPTION |

Licensee:



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Designer / Engineer:

**Norman
Scheel
Structural
Engineer**

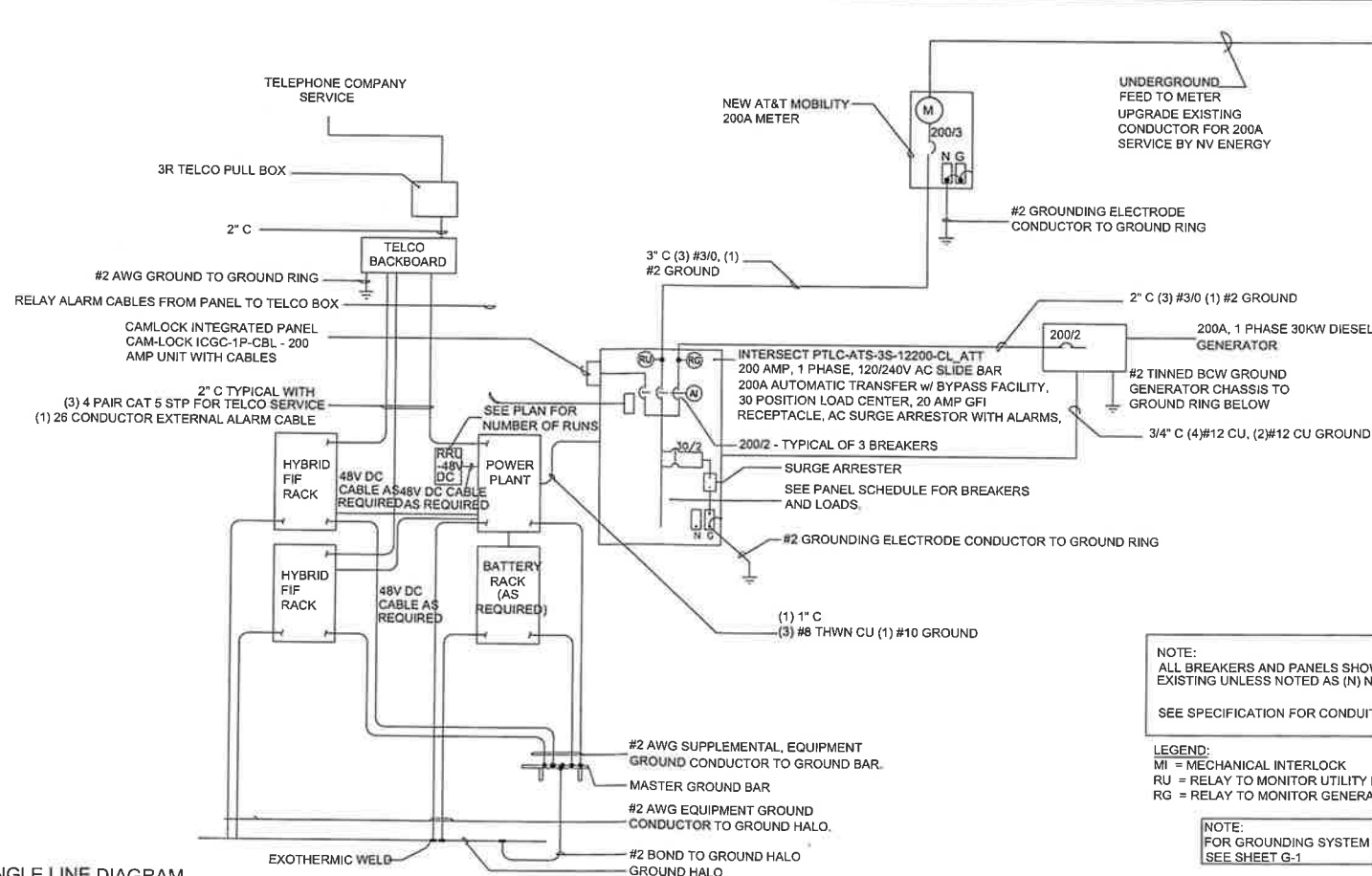
5022 Sunrise Blvd.
Fair Oaks, California 95628

Sheet Title:
**POWER SINGLE
LINE DIAGRAM**

Sheet Number:

E-2

1 SINGLE LINE DIAGRAM



NOTE:
ALL BREAKERS AND PANELS SHOWN ARE
EXISTING UNLESS NOTED AS (N) NEW.

SEE SPECIFICATION FOR CONDUIT TYPE.

LEGEND:
MI = MECHANICAL INTERLOCK
RU = RELAY TO MONITOR UTILITY POWER
RG = RELAY TO MONITOR GENERATOR POWER

NOTE:
FOR GROUNDING SYSTEM
SEE SHEET G-1

BOUNDARY SHOWN IS BASED ON MONUMENTATION FOUND AND RECORD INFORMATION. THIS IS NOT A BOUNDARY SURVEY. THIS IS A SPECIALIZED TOPOGRAPHIC MAP WITH PROPERTY LINES AND EASEMENTS BEING A GRAPHIC DEPICTION BASED ON INFORMATION GATHERED FROM VARIOUS SOURCES OF RECORD AND AVAILABLE MONUMENTATION FOUND DURING THE FIELD SURVEY. NO EASEMENTS RESEARCHED OR PLOTTED. PROPERTY LINES AND LINES OF TITLE WERE NOT INVESTIGATED NOR SURVEYED. NO PROPERTY MONUMENTS WERE SET.

Date of Observation: 04-27-22

Equipment/Procedure Used to Obtain Coordinates: Trimble Pathfinder Pro XL post processed with Pathfinder Office software.

Type of Antenna Mount: Proposed Monopole Tower

Coordinates (Tower):
Latitude: N 38° 59' 32.37" (NAD83) N 38° 59' 32.67" (NAD27)
Longitude: W 119° 09' 43.86" (NAD83) W 119° 09' 40.31" (NAD27)

ELEVATION of Structure (NAVD88) 4383' AMSL

CERTIFICATION: I, the undersigned, do hereby certify elevation listed above is based on a field survey done under my supervision and that the accuracy of those elevations meet or exceed 1-A Standards as defined in the FAA ASAC Information Sheet 91-003, and that they are true and accurate to the best of my knowledge and belief.

Kenneth D. Geil Nevada PLS 13385

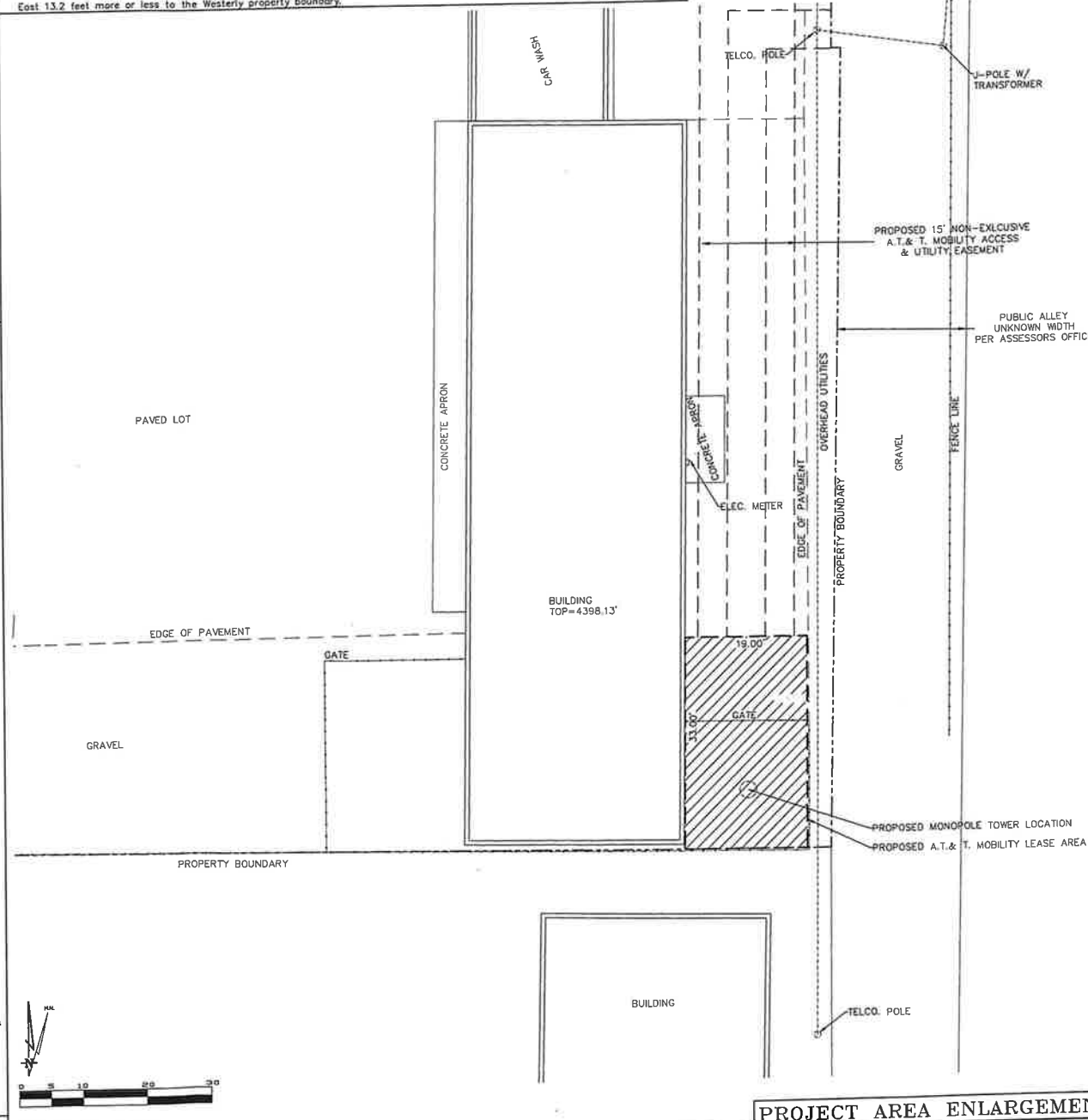
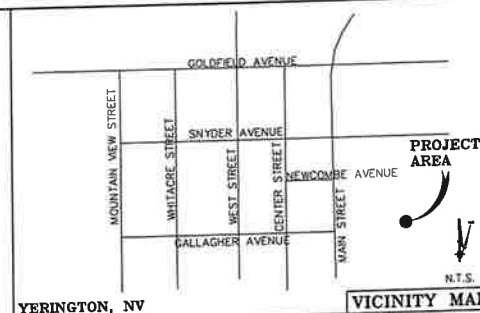
Lease Area Description

All that certain lease area being a portion of that certain Parcel 2 as is described in that certain Deed recorded on September 3, 1984 as Document No. 88166, Official Records of Lyon County, State of Nevada, being a portion of the NW 1/4 of Section 14, Township 13 North, Range 25 East, M.D.B. & M., being more particularly described as follows:

Commencing at a standard monument in well set for the West 1/4 corner of said Section 14 as shown on that certain Parcel Map filed for record at File No. 404082, from which a similar monument bears North 00°32'00" East 1354.77 feet; thence from said point of commencement North 89°25'40" East 81.95 feet to the True Point of Beginning; thence from said point at beginning North 00°32'40" East 19.00 feet; thence North 00°34'20" West 33.00 feet; thence North 89°25'40" West 19.00 feet; thence South 00°34'20" East 33.00 feet to the point of beginning.

Together with a non-exclusive easement for access and utility purposes fifteen feet in width the centerline of which is described as follows: beginning at the midpoint on the North boundary of the above described lease and running thence North 00°46'22" West 152.79 feet; thence North 89°25'40" West 69.17 feet; thence South 57°17'08" West 58.51 feet; thence North 89°25'40" West 127.8 feet more or less to the public right of way more commonly known as Main Street.

Also together with a non-exclusive easement for utility purposes ten feet in width the centerline of which is described as follows: beginning at the midpoint on the North boundary of the above described lease and running thence North 00°46'22" West 94.95 feet; thence South 89°16'40" East 13.2 feet more or less to the Westerly property boundary.



| | | | | | | |
|---------------------|--|--|--|--------|----------|------|
| P Project | GEIL ENGINEERING CONSULTING • SURVEYING • PLANNING 1850 HIGH STREET AUBURN, CALIFORNIA 96903 phone (415) 882-1028 fax (415) 882-1029 | | | DEPT | APPROVED | DATE |
| | | | | A&C | | |
| | | | | RE | | |
| | | | | HF | | |
| | | | | INT | | |
| | | | | EE/IN | | |
| | | | | OPS | | |
| | | | | EE/OUT | | |



CVL02811
YERINGTON
402 NORTH MAIN STREET
YERINGTON, CA 89447
PLOT PLAN AND
SITE TOPOGRAPHY

| REVISIONS | | |
|-----------|-----------------------|-------------------|
| REV | 04-29-22 N, R/O-DE | DRAWING SUBMITTAL |
| REV | 06-07-22 N, R/O-DE | LEASE AREA PLACED |
| REV | | |
| REV | | |

C-1

OVERALL SITE PLAN

SCALE 1" = 10

