VIA EMAIL

Santa Rosa High School District
Business Office
110 Stony Point Road, Suite 225
Santa Rosa, CA 95401

Communications Site License Agreement (this "Lease") dated July 13, 2005, between City of Santa Rosa High School District of the County of Sonoma, State of California, a political subdivision of the State of California ("Landlord") and MetroPCS California, LLC, a Delaware limited liability company, formerly known as MetroPCS California/Florida, LLC, formerly known as MetroPCS California/Florida, Inc. ("Tenant").

Site Number: SF71313M

Site Address: 599 Bellevue Rd., Santa Rosa, CA 95407 (the "Property")

Dear Madam or Sir,

Tenant is in the process of updating certain equipment that supports its wireless telecommunications network. As part of this effort, Tenant will need to perform work at the above-referenced Property.

In order to update the equipment, Lessee is requesting the Lessor to review the attached drawings and then provide your consent for that work ("Consent").

By signing this Consent, the Landlord grants Tenant the right and consents to Tenant's installation as described and depicted in the attached Exhibit B together with all necessary space and easement for access and utilities for the installation and operation of antenna facility.

Should you have any questions about this consent request, please contact me at 408-540-4616 or via email at kmilbank@networkconnex.com. Please note that signing this consent does not alter, waiver or modify your existing rights under the Lease with respect to the Site. As such, we appreciate your prompt attention to this request. Thank you in advance for your cooperation in this matter.

Sincerely,

Katelyn Milbank
Network Connex
408-540-4616

Sprint | T-Mobile

Acknowledged, Accepted and Agreed:
Santa Rosa High School District of the County of Sonoma, State of California, a political subdivision of the State of California

Signature: _____

Date:_____

Please provide a contact name and telephone number, so T-Mobile can schedule the necessary work.

Contact Name & Number: Cathy Gotfrid, Facilities Project Manager, 707-975-0248

Exhibit B

DSA
DIVISION OF THE STATE ARCHITECT
DEPARTMENT OF GENERAL SERVICES

Oakland Regional Office
1515 Clay Street, Suite 1201
Oakland, CA 94612
www.dsa.dgs.ca.gov

| 510-622-3101

STATE OF CALIFORNIA
GOVERNOR GAVIN NEWSOM

1/22/2026 - APPROVAL OF PLAN(S)

Lisa August
Santa Rosa High School District
110 Stony Point Road, Suite 210
Santa Rosa, CA 95401

Project: **Elsie Allen High School**

Total Scope of Project: **Alterations to 1-Telecommunications Equipment Enclosure, Additions to 1-Light & Antenna Pole (80 foot)**

Increment #: **0**

Application #: **01-122628**

File #: **49-H7**

Drawings and specifications for the subject project have been examined and stamped by the Division of the State Architect (DSA) for identification on **1/22/2026** . This letter constitutes the "written approval of the plans as to the safety of design and construction" required before letting any contract for construction, and applies to the work shown on these drawings and specifications. The date of this letter is the DSA approval date.

Approval is limited to the particular location shown on the drawings and is conditioned on construction starting within four years from the stamped date. The inspector must be approved and the contract information, including the construction start date, must be given to DSA prior to start of construction.

DSA does not review drawings and specifications for compliance with Parts 3 (California Electrical Code), 4 (California Mechanical Code), and 5 (California Plumbing Code) of Title 24. It is the responsibility of the professional consultants named on the application to verify this compliance.

Please refer only to the boxes checked below which indicate applicable conditions specific to this project.

☒ Buildings constructed in accordance with approved drawings and specifications will meet minimum required standard given in Title 24, California Code of Regulations, for structural safety.

☒ Buildings or site improvements constructed in accordance with approved drawings and specifications will meet minimum required standard given in Title 24, California Code of Regulations, for fire and life safety.

☐ This constitutes the written approval certifying that the drawings and specifications are in compliance with state regulations for the accommodation of the disabled which are required before letting any contract for construction. (See Section 4454, Government Code.)

☐ Due to the nature of the building(s), certain precautions considered necessary to assure long service have not been required. In the condition as built, the building(s) will meet minimum required standards for structural, and fire and life safety. The owner must observe and correct deterioration in the building in order to maintain it in a safe condition.

Application #: 01-122628
File #: 49-H7

☐ Your attention is drawn to the fact that this application was submitted under the provisions of Sections 39140/81130 of the Education Code which permit repairs or replacement of a fire damaged building to be made in accordance with the drawings and specifications previously approved by this office. The drawings and specifications approved for the reconstruction of this building conform to the drawings and specifications approved under application # _____ .

☐ Due to the nature of the poles, certain precautions considered necessary to assure long service have not been insisted upon. In their condition as built, they will meet minimum required safety standards; however, your attention is directed to the comparatively short life of wood poles. It will be the responsibility of the owner to maintain them in a safe condition.

☐ Bleachers or grandstands constructed in accordance with approved drawings and specifications will meet minimum required standards for structural, and fire and life safety. The owner should provide for and require periodic safety inspections throughout the period of use to ensure framing and other parts have not been damaged or removed. On bleachers or grandstands having bolts, locking or safety devices, the owner should require that all such components be properly tightened or locked prior to each use.

☐ The building(s) was designed to support a snow load of **0** pounds per square foot of roof area. Snow removal must be considered if the amount of snow exceeds that for which the building(s) was designed.

☐ Deferred Approval(s) Items:

This project has been classified as **Class 3** . An Inspector who is certified by DSA to inspect this class of project must be approved by DSA prior to start of construction.

Please refer to the above application number in all correspondence, reports, etc., in connection with this project.

Sincerely,

for Ida Antoniolli Clair, AIA
State Architect

cc:
Architect

ADMINISTRATIVE REQUIREMENTS

1. ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR). A COPY OF ALL APPLICABLE PARTS REFERRED TO BY THE PLANS & SPECIFICATIONS, TITLE 24, C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
2. ALL ADDENDA TO BE SIGNED BY ARCHITECT OR EOR AND THE OWNER AND APPROVED BY DSA. ADDENDA ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-338, PART 1, TITLE 24.
3. CHANGES OR SUBSTITUTIONS OF ANY ELEMENT WHICH AFFECTS THE STRUCTURAL, ACCESSIBILITY OR FIRE AND LIFE SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS AFTER THE WORK HAS BEEN LET SHALL BE SUBMITTED AND APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK. CONSTRUCTION CHANGE DOCUMENTS SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION OF REGULATION IR A-6 AND SECTION 4-338(C) PART 1, TITLE 24 CCR.
4. STRUCTURAL TESTS AND SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH SECTION 4-335, PART 1, TITLE 24. THE TESTING LABORATORY SHALL BE APPROVED BY DSA AND EMPLOYED BY THE DISTRICT/OWNER.
5. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24.
6. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24 CCR. A MINIMUM CLASS 3 INSPECTOR IS REQUIRED.
7. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24.
8. CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM DSA-6) IN ACCORDANCE WITH SECTIONS 4-336 AND 4-343, PART 1, TITLE 24.
9. THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-333(a) AND 4-341, PART 1, TITLE 24.
10. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTIONS 4-343, PART 1, TITLE 24.
11. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR). SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHERE IN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. A CONSTRUCTION CHANGE DOCUMENT, OR SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.
12. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES

T-MOBILE WEST LLC

DSA ELSIE ALLEN HIGH SCHOOL

599 BELLEVUE AVE
SANTA ROSA, CA 95407

SF71313M

RFDS VER#: 6_01/06/2025

STATEMENT OF GENERAL CONFORMANCE

APPLICATION NO.: 01-122628
FILE NO.: 49-H7

The drawings identified as follows:

[X] All drawing sheets included in this set not bearing my stamp and signature.

[ ] Drawing sheets denoted in the sheet index as follows:

[ ] Drawing sheets included under the following PC approvals:

have been prepared by other design professionals or consultants who are licensed and authorized to prepare such drawings (plans) in this state. They have been examined by me for:

1) Design intent and appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and

2) Coordination with my drawings (plans) and specifications and are acceptable for incorporation into the construction of this project.

Per Title 24, Part 1, Section 4-316(b): The Statement of General Conformance shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344 of Title 24, Part 1.

Signature — Date: 01/15/2026

Kevin R. Sorensen | S4469 | 09/30/2026
PRINTED NAME | License Number | Expiration Date

PROJECT DESCRIPTION

A MODIFICATION TO AN (E) UNMANNED T-MOBILE TELECOMMUNICATION FACILITY CONSISTING OF:

- REMOVING (E) RBS 6201 CABINET
- REMOVING (E) MODCELL CABINET
- REMOVING (3) (E) ANTENNAS
- REMOVING (6) (E) DIPLEXERS @ EQUIPMENT
- REMOVING (6) (E) 7/8" COAX CABLES
- INSTALLING (3) (N) ANTENNAS ON (N) MOUNTS
- INSTALLING (6) (N) TMAS
- INSTALLING (3) (N) RADIO 4480 B71/B85 RADIOS @ EQUIPMENT
- INSTALLING (3) (N) RADIO 4460 B25/B66 RADIOS @ EQUIPMENT
- INSTALLING (2) (N) RADIO 8863 B41 RADIOS @ EQUIPMENT
- INSTALLING (1) (N) B160 BATTERY CABINET W/ (12) (N) BATTERIES INSIDE
- INSTALLING (1) (N) 6160 V2 EQUIPMENT CABINET W/ (2) (N) RP 6651 UNITS & (N) CSR IXRE V2
- INSTALLING (N) ELECTRICAL PANEL
- INSTALLING (12) (N) 7/8" COAX CABLES

PROJECT INFORMATION

SITE NAME:	DSA ELSIE ALLEN HIGH SCHOOL	SITE #:	SF71313
COUNTY:	SONOMA COUNTY	JURISDICTION:	CITY OF SANTA ROSA/DSA
APN:	134-042-032	POWER:	PG&E
SITE ADDRESS:	599 BELLEVUE AVE SANTA ROSA, CA 95407	TELEPHONE:	AT&T
CURRENT ZONING:	-	LATITUDE:	N 38° 24' 09.65" NAD 83 N 38.402681 NAD 83
CONSTRUCTION TYPE:	II-B	LONGITUDE:	W 122° 44' 11.98" NAD 83 W 122.736661 NAD 83
OCCUPANCY TYPE:	U, (UNMANNED COMMUNICATIONS FACILITY)		
PROPERTY OWNER:	SANTA ROSA CITY SCHOOLS 110 STONY POINT RD, SUITE 210 SANTA ROSA, CA 95401		
APPLICANT:	T-MOBILE WEST LLC 1200 CONCORD AVE, SUITE 500 CONCORD, CA 94520		
LEASING CONTACT:	ATTN: KATELYN MILBANK KMILBANK@NETWORKCONNEX.COM		
ZONING CONTACT:	ATTN: KATELYN MILBANK KMILBANK@NETWORKCONNEX.COM		
CONSTRUCTION CONTACT:	TBD		

At all services & grounding trenches, provide " WARNING" tape at 12" below grade.

CALL "CALL BEFORE YOU DIG" 811
NATIONWIDE UNDERGROUND SERVICE ALERT

DESIGN CRITERIA

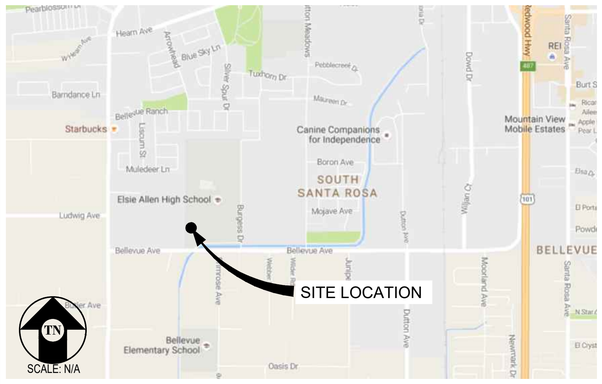
TIA STRUCTURAL CLASS: II	ROOF LIVE LOAD: N/A	FLOOR LIVE LOAD: N/A	ALLOW SOIL PASSIVE PRESSURE: N/A
WIND EXPOSURE: C	DESIGN WIND SPEED: 92 MPH	GROUND ELEVATION: 109'	TOPOGRAPHIC CATEGORY: I
SEISMIC SITE CLASS: D-DEFAULT	SEISMIC DESIGN CATEGORY: D	SEISMIC COMPONENT I_P: 1.0	a_p: 1.0 R_P: 2.5 (EQUIPMENT)
S_{DS}: 1.44	S_{D1}: 0.7763	S_S: 1.8	S_1: 0.685 R: 1.5 (MONOPOLE)

TESTS AND SPECIAL INSPECTIONS

PROVIDE COMPLETE TESTING AND INSPECTIONS IN ACCORDANCE WITH THE 2022 CBC, CHAPTER 17A & DSA-103 FORM AS NOTED BELOW:

1. POST INSTALLED ANCHORS IN ACCORDANCE WITH CURRENT ICC ESR REPORTS FOR THE SPECIFIED ANCHORAGES.
2. STRUCTURAL STEEL CONSTRUCTION, HIGH STRENGTH BOLTING AND WELDING IN ACCORDANCE W/ CBC SECTION 1705A.2 AND TABLE 1705A.2.1.

VICINITY MAP



DRIVING DIRECTIONS

FROM: 1200 CONCORD AVE, SUITE 500, CONCORD, CA 94520
TO: 599 BELLEVUE AVE, SANTA ROSA, CA 95407

1. HEAD EAST177 FT
2. TURN LEFT ONTO NEW DRIVE92 FT
3. TURN LEFT ONTO CONCORD AVE0.6 MI
4. TURN RIGHT TO MERGE ONTO I-680 N0.3 MI
5. MERGE ONTO I-680 N4.1 MI
6. KEEP LEFT TO CONTINUE ON I-6802.0 MI
7. USE THE LEFT 2 LANES TO TAKE EXIT 58A FOR I-780 TOWARD BENICIA/VALLEJO0.6 MI
8. CONTINUE ONTO I-780 W6.0 MI
9. TAKE EXIT 1B TOWARD SACRAMENTO0.3 MI
10. MERGE ONTO I-80 E2.8 MI
11. TAKE EXIT 33 FOR CA-37 TOWARD NAPA0.7 MI
12. MERGE ONTO US-101 N12.6 MI
13. TAKE EXIT 485 FOR TODD RD0.1 MI
14. CONTINUE ONTO TODD RD167 FT
15. TURN RIGHT ONTO TODD RD OVERPASS0.2 MI
16. TURN RIGHT ONTO S MOORLAND AVE328 FT
17. TURN LEFT ONTO TODD RD1.0 MI
18. TURN RIGHT ONTO PRIMROSE AVE1.0 MI
19. TURN LEFT ONTO BELLEVUE AVE0.1 MI
20. TURN RIGHT305 FT

END AT: 599 BELLEVUE AVE, SANTA ROSA, CA 95407
ESTIMATED TIME: 1 HOUR 22 MINUTES ESTIMATED DISTANCE: 59.6 MI

DEFERRED SUBMITALS

NONE REQUIRED

PROJECT INSPECTOR

CLASS 3 INSPECTOR OF RECORD REQUIRED FOR THIS PROJECT

CODE COMPLIANCE

ALL WORK & MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

2025 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2022 CALIFORNIA BUILDING CODE (CBC), PART 2, VOLUME 1&2, TITLE 24 C.C.R.
(2021 INTERNATIONAL BUILDING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2020 NATIONAL ELECTRICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.
(2021 UNIFORM MECHANICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2021 UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2021 INTERNATIONAL FIRE CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
ANSI/EIA-TIA-222-H

ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

DISABLED ACCESS REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE, TITLE 24 PART 2, SECTION 11B-203.5

SHEET INDEX (17 TOTAL SHEETS)

SHEET	DESCRIPTION	REV
T-1.1	TITLE SHEET	-
T-1.2	NOTES	-
A-1.1	OVERALL SITE PLAN	-
A-1.2	ENLARGED SITE PLAN	-
A-1.3	EQUIPMENT PLANS	-
A-2.1	ANTENNA PLANS	-
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A-3.3	ELEVATIONS	-
A-3.4	ELEVATIONS	-
A-4.1	DETAILS	-
A-5.1	BATTERY SPECIFICATIONS	-
S-1.1	STRUCTURAL DETAILS	-
S-1.2	STRUCTURAL DETAILS	-
E-1.1	(E) ELECTRICAL PLAN	-
E-1.2	(N) ELECTRICAL PLAN	-
E-1.3	GROUNDING PLANS & DETAILS	-

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122628 INC:
REVIEWED FOR
SS [x] FLS [x] ACS [ ]
DATE: 1/22/2026

DSA APPROVAL

Issued For:

SF71313M
DSA ELSIE
ALLEN SCHOOL

599 BELLEVUE AVE,
SANTA ROSA, CA 95407

PREPARED FOR

T-Mobile

1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:

NETWORK CONNEX

SITE NO:	SF71313M
PROJECT NO:	N/A
DRAWN BY:	C. COLSTON
CHECKED BY:	N. GEORGE
APPROVED BY:	K. SORENSEN

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
3	01/15/26	DSA P.C.	C.C.
2	10/17/25	CD 100%	C.C.
1	07/30/25	CLIENT REV	C.T.C
0	06/03/25	CD 90%	C.T.C

Licensee:

REGISTERED PROFESSIONAL ENGINEER
KEVIN R. SORENSEN
No. 24469
STRUCTURAL
STATE OF CALIFORNIA

ENGINEER:

Streamline Engineering and Design, Inc.
3843 Taylor Road, Suite A, Loomis, CA 95650
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1.1

PROJECT GENERAL NOTES

1. THIS FACILITY IS AN UNOCCUPIED WIRELESS TELECOMMUNICATION FACILITY.
2. PLANS ARE NOT TO BE SCALED AND ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE.
3. THE SCOPE OF WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
4. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTORS SHALL VISIT THE JOB SITE AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS, AND CONFIRM THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PAY FOR PERMIT FEES, AND TO OBTAIN SAID PERMITS AND TO COORDINATE INSPECTIONS.
6. THE CONTRACTOR SHALL RECEIVE, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
7. CALL BEFORE YOU DIG. CONTRACTOR IS REQUIRED TO CALL 811 (NATIONWIDE "CALL BEFORE YOU DIG" HOTLINE) AT LEAST 72 HOURS BEFORE DIGGING.
8. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK.
9. THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE BEST SKILLS AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. CONTRACTOR SHALL ALSO COORDINATE ALL PORTIONS OF THE WORK UNDER THE CONTRACT; INCLUDING CONTACT AND COORDINATION WITH THE CONSTRUCTION MANAGER AND WITH THE LANDLORD'S AUTHORIZED REPRESENTATIVE.
10. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBS, GALVANIZED SURFACES, ETC., AND UPON COMPLETION OF WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF THE PROJECT MANAGER.
11. KEEP GENERAL AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS AND RUBBISH. REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
12. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED, OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.
13. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND ALL OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK SHALL BE PROTECTED AT ALL TIMES.
14. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
15. THE CONTRACTOR SHALL PROVIDE A TOILET FACILITY DURING ALL PHASES OF CONSTRUCTION.
16. SUFFICIENT MONUMENTATION WAS NOT RECOVERED TO ESTABLISH THE POSITION OF THE BOUNDARY LINES SHOWN HEREON. THE BOUNDARY REPRESENTED ON THIS MAP IS BASED ON COMPILED RECORD DATA AND BEST FIT ONTO EXISTING IMPROVEMENTS. IT IS POSSIBLE FOR THE LOCATION OF THE SUBJECT PROPERTY TO SHIFT FROM THE PLACEMENT SHOWN HEREON WITH ADDITIONAL FIELD WORK AND RESEARCH. THEREFORE ANY SPATIAL REFERENCE MADE OR SHOWN BETWEEN THE RELATIONSHIP OF THE BOUNDARY LINES SHOWN HEREON AND EXISTING GROUND FEATURES, EASEMENTS OR LEASE AREA IS INTENDED TO BE APPROXIMATE AND IS SUBJECT TO VERIFICATION BY RESOLVING THE POSITION OF THE BOUNDARY LINES.
17. THE CONTRACTOR TO VERIFY THE LATEST/CURRENT RF DESIGN.
18. WHERE APPLICABLE, CONTRACTOR SHALL PROVIDE SEPARATE PLANS, SPECIFICATIONS, FEES AND PERMITS FOR ANY REVISION TO ANY FIRE SPRINKLER AND/OR ALARM SYSTEM ON THE PREMISES AS MAY BE NEEDED TO COMPLETE THE WORK DEPICTED HEREIN, USING A C-10 LICENSED SUBCONTRACTOR FOR ALL SUCH WORK.

NOTE: THE GENERAL CONTRACTOR SHALL COMPLY WITH CBC & CFC CH.33-FIRE SAFETY AND THE WRITTEN SITE SAFETY PLAN DURING CONSTRUCTION AND DEMOLITION. REFER TO DSA BULLETIN 24-05 FOR FURTHER INFORMATION.

CONSTRUCTION NOTES

1. EXISTING BUILDING CONSTRUCTION CONDITIONS INDICATED ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO PROCEEDING WITH CONSTRUCTION OR ORDERING OF MATERIALS. IF EXISTING CONDITIONS DO NOT ALLOW FOR DETAILS OF CONSTRUCTION AS SHOWN ON THESE DRAWINGS, NOTIFY ENGINEER OF RECORD FOR RESOLUTION PRIOR TO PROCEEDING. CONTRACTOR SHALL EXPOSE AND REVIEW EXISTING CONDITIONS IN A TIMELY MANNER SUCH THAT ALTERNATE DESIGNS OR DETAILS, IF REQUIRED, MAY BE GENERATED WITHOUT DELAY TO THE PROJECT.
2. DURING CONSTRUCTION, THE CONTRACTOR SHALL NOT ALTER, DAMAGE OR REMOVE ANY PART OF THE EXISTING STRUCTURE UNLESS SPECIFICALLY DETAILED ON THESE DRAWINGS.
3. THE INTENT OF THESE DRAWINGS IS THAT THE WORK OF THE ADDITION, ALTERATION, REHABILITATION, OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH THE 2022 CBC. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH THE 2022 CBC, A CONSTRUCTION CHANGE DOCUMENT, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE PREPARED AND SUBMITTED TO AND APPROVED BY THE DSA PRIOR TO PROCEEDING WITH THE WORK.
4. ALL WORK AND MATERIALS SHOWN ARE NEW UNLESS INDICATED AS EXISTING (E).
5. IT MAY BE NECESSARY TO REMOVE ARCHITECTURAL FINISHES, PLUMBING PIPES AND FIXTURES, ELECTRICAL CONDUIT, FIXTURES, PANELS, BOXES, TELEPHONE OR FIRE ALARM WIRING AND FIXTURES OR OTHER NON-STRUCTURAL ITEMS TO INSTALL STRUCTURAL WORK AND MATERIALS SHOWN ON THESE DRAWINGS. SUCH ITEMS SHALL BE REMOVED, REPAIRED AND/OR REPLACED TO MATCH PRE-CONSTRUCTION CONDITIONS AT THE CONTRACTORS EXPENSE.
6. ALL WEATHER PROOFING. INCLUDING BUT NOT LIMITED TO TORCH DOWN, CAULKING, Z-FLASHING OR ANY OTHER MATERIAL THAT MAY BE ALTERED DURING INSTALLATION SHALL BE REPAIRED REPLACED AND/OR MODIFIED TO ENSURE THE BUILDING AT THE INSTALLATION SITE IS WEATHER PROOF.
7. ANY PROPOSED SUBSTITUTIONS FOR STRUCTURAL MEMBERS, HARDWARE, ANCHOR TYPES, OR DETAILING INDICATED IN THESE DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ORDERING MATERIALS AND APPROVED BY DSA BEFORE INSTALLATION. SUCH REVIEW SHALL BE BILLED ON A TIME AND MATERIALS BASIS TO THE CONTRACTOR WITH NO GUARANTEE THAT THE SUBSTITUTION WILL BE ALLOWED.
8. CONTRACTOR SHALL ENSURE ALL ROOF AREAS HAVE POSITIVE SLOPE TO ALL EXISTING ROOF DRAINS. PROVIDE ADDITIONAL CRICKETS OR BUILD UP ROOFING AS REQUIRED TO PROVIDE POSITIVE DRAINAGE AROUND ALL NEW CONSTRUCTION INCLUDING ANY CURBS, SLEEPERS, SUPPORT BASES, ETC.

CONCRETE CORE/DRILLING NOTES

1. WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER DRIVEN PINS IN EXISTING NON-PRESTRESSED OR POST-TENSIONED REINFORCED CONCRETE (MILD REINFORCED), USE CARE & CAUTION TO AVOID CUTTING OR DAMAGING THE (E) REINFORCING BARS. WHEN INSTALLING ANCHORS INTO (E) PRE-STRESSED OR POST-TENSIONED CONCRETE LOCATE THE PRE-STRESSED OR POST-TENSIONED TENDONS BY USING A NON-DESTRUCTIVE METHOD, SUCH AS X-RAY, AT POINT OF PENETRATION, PRIOR TO INSTALLATION. EXERCISE EXTREME CARE & CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF TWO INCHES BETWEEN REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN.
2. WHEN CORING EXISTING REINFORCED CONCRETE OF ANY CONSTRUCTION TYPE (PRE-STRESSED, POST-TENSIONED OR MILD REINFORCED), LOCATE THE EXISTING REINFORCING BY USING A NON-DESTRUCTIVE METHOD, SUCH AS X-RAY, PRIOR TO CORING. EXERCISE EXTREME CARE & CAUTION TO AVOID CUTTING OR DAMAGING ANY REINFORCING DURING CORING. MAINTAIN A MINIMUM CLEARANCE OF TWO INCHES BETWEEN REINFORCEMENT AND THE CORE. THE MAXIMUM SIZE OF ANY CORE IS TO BE 6" DIAMETER AND THE MINIMUM SPACING BETWEEN CORES IS TO BE TWICE THE CORE DIAMETER (I.E. 12" SPACING FOR A 6" DIAMETER CORE).
3. INSPECTOR IS TO BE PRESENT DURING ALL CORE DRILLING OPERATIONS TO VERIFY THAT NO REINFORCING CABLES, TENDONS, OR REBAR HAVE BEEN CUT. (SEE NOTE 5 BELOW)
4. THE INSPECTOR SHALL SUBMIT A WRITTEN REPORT TO THE OWNER AND DSA.
5. THE INSPECTIONS INDICATED IN NOTES 3 AND 4 ABOVE ARE NOT REQUIRED FOR A CONCRETE FILL OVER METAL DECK APPLICATION WHERE INDICATED ON THE CONSTRUCTION DRAWINGS.

STRUCTURAL STEEL NOTES

1. ALL STEEL CONSTRUCTION INCLUDING FABRICATION, ERECTION AND MATERIALS SHALL COMPLY WITH ALL REQUIREMENTS OF THE 2016 AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS AND THE 2022 CBC.
2. ALL STRUCTURAL STEEL SHALL BE ASTM A36 UNLESS OTHERWISE NOTED. ALL WF (WIDE FLANGE) & WT (TEE) SHAPES TO BE ASTM A992 (F_Y=50,000 PSI) UNLESS NOTED OTHERWISE. ALL STRUCTURAL TUBING (TS OR HSS) SHALL BE ASTM A500 GRADE C (F_Y=50,000 PSI FOR RECT HSS & F_Y=46,000 PSI FOR ROUND HSS PER AISC MANUAL TABLE 2-4) ALL STEEL PIPE SHALL BE ASTM A53 (TYPE E OR S, GRADE B (F_Y=35,000 PSI)) SCHEDULE 40 WITH OUTSIDE DIAMETERS GIVEN UNLESS OTHERWISE NOTED.
3. ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES UNLESS OTHERWISE NOTED AND SHALL CONFORM TO AISC & AWS D1.1. WHERE FILLET WELD SIZES ARE NOT SHOWN PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC SPECIFICATION. PAINTED SURFACES SHALL BE TOUCHED UP.
4. ALL WELDING SHALL BE PERFORMED BY QUALIFIED, CERTIFIED WELDERS.
5. HIGH STRENGTH BOLTS SHALL BE HOT DIP GALVANIZED ASTM F3125/F3125M GRADE A325 MINIMUM. BOLTED CONNECTIONS SHALL BE BEARING TYPE. SEE PLANS FOR LOCATION, NUMBER, & SIZE OF BOLTS. ALL HIGH-STRENGTH BOLTS SHALL BE SAMPLED, TESTED AND INSPECTED IN COMPLIANCE WITH CBC SECTION 1705A.2.6.
6. HIGH STRENGTH BOLT NUTS SHALL BE ASTM A563/A563M AND WASHERS SHALL BE ASTM F436/ F436M.
7. THREADED RODS SHALL BE SAE J429, GRADE 5 U.O.N. THREADED RODS SHALL BE DOCUMENTED, CERTIFIED, SAMPLED AND TESTED IN COMPLIANCE WITH DSA IR 17-11.
8. ALL HOLES FOR BOLTED CONNECTIONS SHALL BE 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER. USE STANDARD AISC GAGE AND PITCH FOR BOLTS EXCEPT AS NOTED OTHERWISE. HOLES FOR ANCHOR BOLTS IN BASE PLATES MAY BE AISC "OVERSIZE" HOLES WHERE ACCOMPANIED BY OVERSIZED HARDENED HOT DIPPED GALVANIZED WASHERS.
9. ALL SHOP FABRICATED STEEL STRUCTURAL MEMBERS FOR EXTERIOR USE SHALL BE HOT DIP GALVANIZED PER ASTM A123 AFTER FABRICATION & PAINTED PER CUSTOMER SPECIFICATIONS AS REQUIRED. STEEL FOR INTERIOR USE SHALL BE SHOP COAT OR GALVANIZED & PAINTED.
10. ALL FIELD FABRICATED GALVANIZED STEEL THAT IS CUT, GROUND, DRILLED, WELDED OR DAMAGED SHALL BE TREATED WITH "ZINC RICH" COLD GALVANIZING SPRAY OR COATING. NO RAW STEEL SHALL BE EXPOSED.
11. AT ALL WEB STIFFENER PLATES LEAVE ¾"ø (OR K, WHICHEVER IS LARGER) HOLE @ WEB/FLANGE INTERSECTION UNLESS NOTED OTHERWISE.
12. U-BOLTS AT ANTENNA & RRU MOUNT TO BE GALVANIZED SAE J429, GRADE 2 WITH J995 NUTS U.O.N.
13. ALL STRUT MEMBERS USED IN EXTERIOR APPLICATIONS SHALL BE HOT DIPPED GALVANIZED PER ASTM A123 OR ASTM A153.
14. ALL STAINLESS STEEL BOLTED CONNECTIONS SHALL BE ASTM F593-17 ALLOY GROUP 1 OR 2 AND STAINLESS STEEL NUTS SHALL BE ASTM F594-09 (2015).

EXPANSION & EPOXY ANCHORS

1. EXPANSION AND EPOXY ANCHORS SHALL BE IN CONFORMANCE WITH ALL REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE (CBC).
2. ALL ANCHORS PROVIDED SHALL BE INCLUDED IN EVALUATION REPORTS OF THE INTERNATIONAL CODE COUNCIL (ICC), AND SHALL BE EVALUATED FOR 2021 IBC MINIMUM REQUIREMENTS IN THE ICC REPORT
3. CONCRETE EXPANSION ANCHORS SHALL BE KWIK BOLT TZ2 BY HILTI, INC., TULSA, OKLAHOMA AS PER ICC REPORT NO. ESR-4266 OR APPROVED EQUIVALENT.
4. CMU EXPANSION ANCHORS SHALL BE KWIK BOLT TZ2 BY HILTI, INC., TULSA, OKLAHOMA AS PER ICC REPORT NO. ESR-4561 OR APPROVED EQUIVALENT. ANCHORS SHALL BE INSTALLED A MINIMUM OF 2½" FROM ANY VERTICAL MORTAR JOINT TYPICAL. ANCHORS TO BE SPACED 8 INCHES ON CENTER MINIMUM AND LIMITED TO ONE ANCHOR PER CELL.
5. CONCRETE ADHESIVE EPOXY ANCHORS SHALL BE HIT-RE 500 V3 BY HILTI, INC., TULSA, OKLAHOMA AS PER ICC REPORT NO. ESR-3814 OR APPROVED EQUIVALENT.
6. GROUT FILLED CMU ADHESIVE EPOXY ANCHORS SHALL BE HIT-HY 200 V3 BY HILTI, INC., TULSA, OKLAHOMA AS PER ICC REPORT NO. ESR-4878 OR APPROVED EQUIVALENT.
7. PROVIDE SPECIAL INSPECTION OF ANCHORS IN ACCORDANCE WITH THE 2022 CBC, TABLE 1705A.3 AND DSA-103 FORM. TEST EXPANSION AND EPOXY ANCHORS WITH SPECIAL INSPECTION IN ACCORDANCE WITH THE 2022 CBC, SECTION 1910A.5, AND ALL REQUIREMENTS OF THE MANUFACTURER, THE MANUFACTURER'S ICC APPROVAL AND THESE DRAWINGS AND DSA-103 FORM.
8. EXPANSION ANCHORS SHALL BE 304/316 STAINLESS STEEL U.O.N. EPOXY ANCHOR THREADED ROD SHALL BE ASTM F593 CW1 (316) (¼" TO ⅝") OR F593 CW2 (316) (¾" TO 1½") STAINLESS STEEL U.O.N.
9. LOCATE AND AVOID REINFORCEMENT AND OTHER EMBEDDED ITEMS WHEN INSTALLING ANCHORS, TYPICAL. SEE CONCRETE CORE DRILLING NOTES FOR ADDITIONAL INFORMATION.
10. THE SPECIAL INSPECTOR MUST MAKE PERIODIC INSPECTIONS DURING ANCHOR INSTALLATION TO VERIFY ANCHOR TYPE AND DIMENSIONS, CONCRETE OR CMU MEMBER THICKNESS, ANCHOR SPACING, EDGE DISTANCES, TIGHTENING TORQUE, HOLE DIAMETER, DEPTH AND CLEANLINESS, ANCHOR EMBEDMENT AND ADHERENCE TO MANUFACTURER'S INSTALLATION INSTRUCTIONS. SEE NOTE 11 BELOW FOR FREQUENCY OF INSPECTIONS.
11. 50% OF ALL ANCHORS, INCLUDING ALTERNATE BOLTS IN A GROUP OF ANCHORS, SHALL BE INSPECTED PER NOTE 10 ABOVE AND TORQUE TESTED PER THE ICC REPORT TEST VALUES NOTED BELOW WITH A CALIBRATED TORQUE WRENCH. ATTAIN SPECIFIED TORQUE WITHIN ½ TURN OF NUT, ¼ TURN FOR ⅜"ø SLEEVE ANCHORS ONLY:

KB TZ2:

CONCRETE TORQUE TEST VALUES:
⅜"=30 FT LB ½"=40 FT LB ⅝"=60 FT LB ¾"=125 FT LB

CMU TORQUE TEST VALUES:
⅜"=15 FT LB ½"=25 FT LB ⅝"=35 FT LB ¾"=50 FT LB

EPOXY ANCHOR:

CONCRETE TENSION TEST VALUES:
(TO BE DETERMINED AS NEEDED. A CCD WILL BE ISSUED IF NEEDED DURING CONSTRUCTION TO ESTABLISH THE REQUIRED TENSION TEST VALUES)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122628 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐
DATE: 1/22/2026

DSA APPROVAL

Issued For:

SF71313M
DSA ELSIE ALLEN SCHOOL

599 BELLEVUE AVE.
SANTA ROSA, CA 95407

PREPARED FOR

T-Mobile

1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:

NETWORK CONNEX

SITE NO:	SF71313M
PROJECT NO:	N/A
DRAWN BY:	C. COLSTON
CHECKED BY:	N. GEORGE
APPROVED BY:	K. SORENSEN

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
3	01/15/26	DSA P.C.	C.C.
2	10/17/25	CD 100%	C.C.
1	07/30/25	CLIENT REV	C.T.C
0	06/03/25	CD 90%	C.T.C

Licensee:

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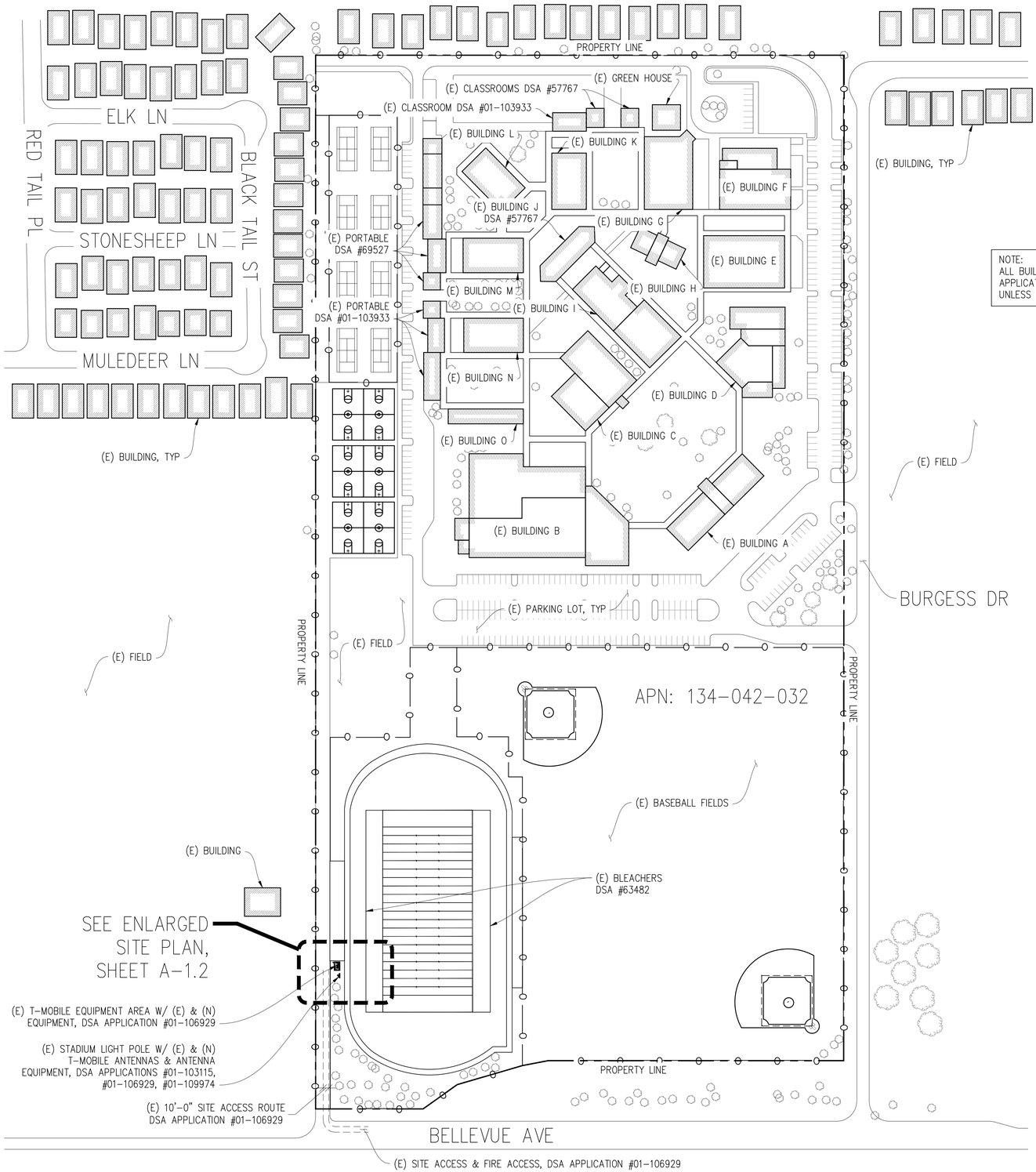
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

SHEET TITLE:

NOTES

SHEET NUMBER:

T-1.2



NOTE:
ALL BUILDINGS UNDER DSA
APPLICATION #57767
UNLESS NOTED OTHERWISE

OVERALL SITE PLAN

1"=100'-0"

0 50' 100' 200' 300' 500'

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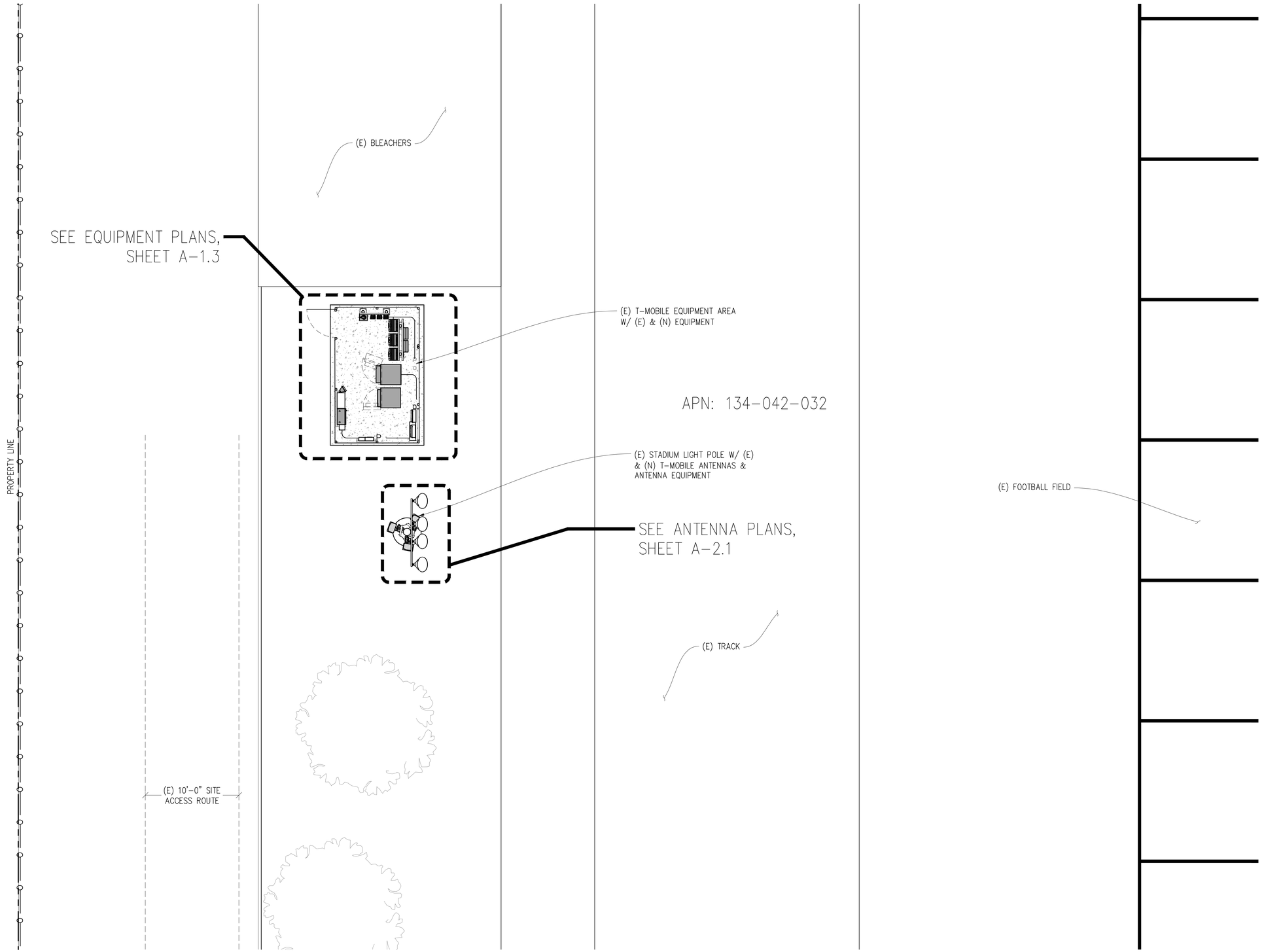
SHEET TITLE:

OVERALL
SITE PLAN

SHEET NUMBER:

A-1.1



ENLARGED SITE PLAN

1"=5'-0"

0 1' 2' 3' 4' 5' 10' 15' 25'

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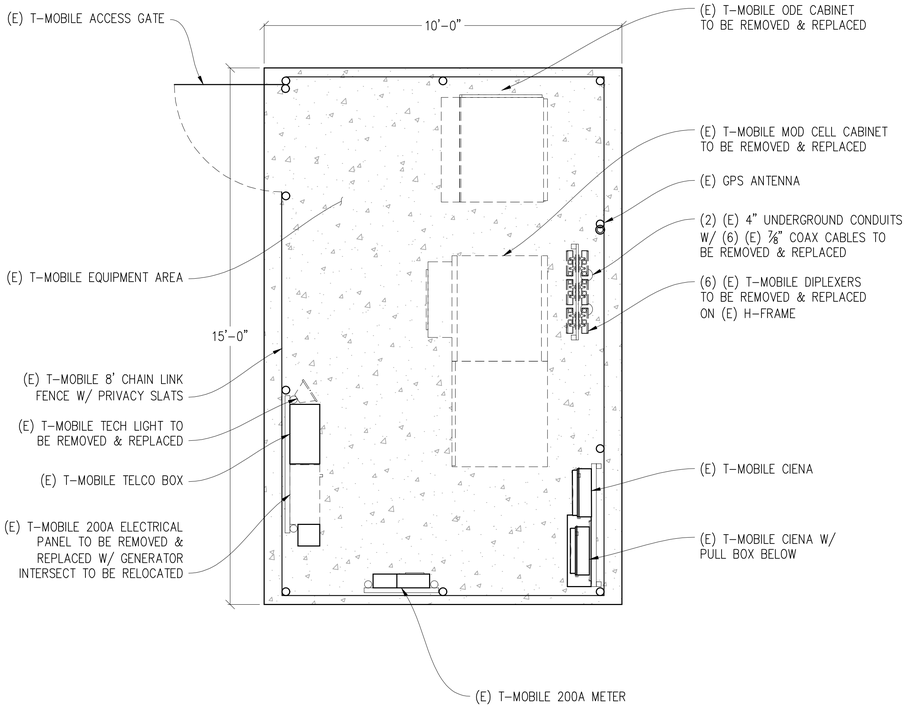
SHEET TITLE:

ENLARGED SITE PLAN

SHEET NUMBER:

A-1.2



(E) EQUIPMENT PLAN

½"=1'-0"

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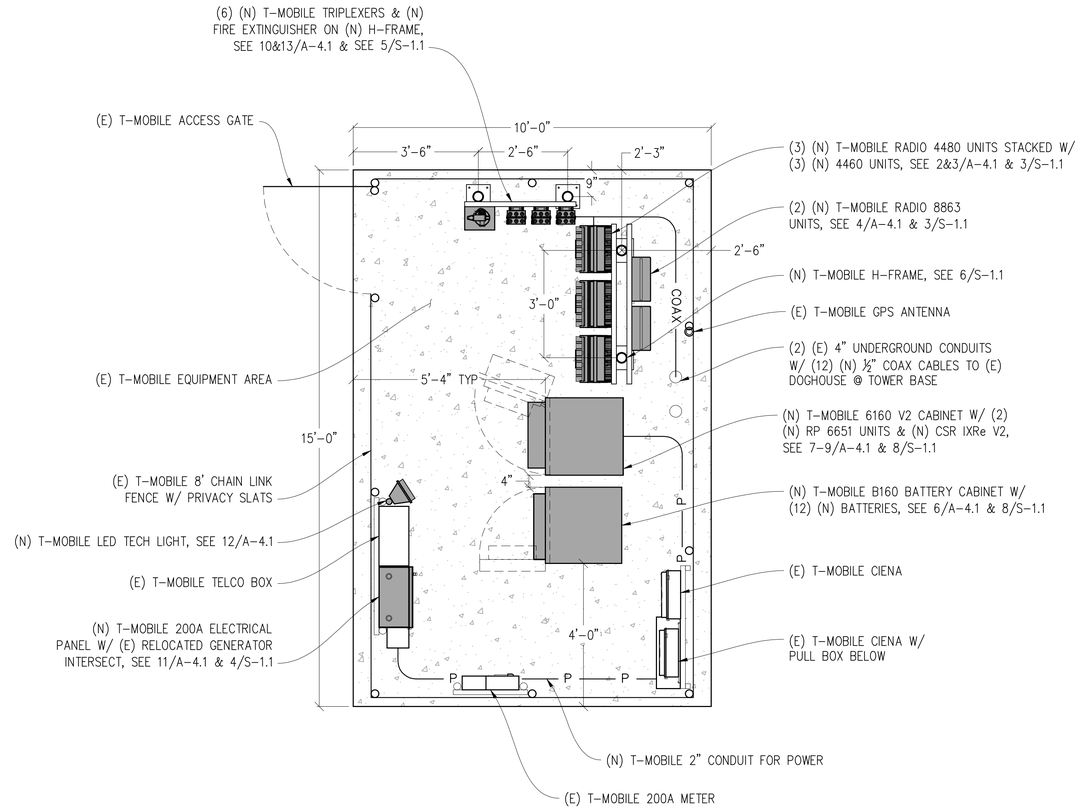

(N) EQUIPMENT PLAN

½"=1'-0"

0 6" 1' 2' 3' 5' 7' 10'

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SHEET TITLE:

EQUIPMENT PLANS

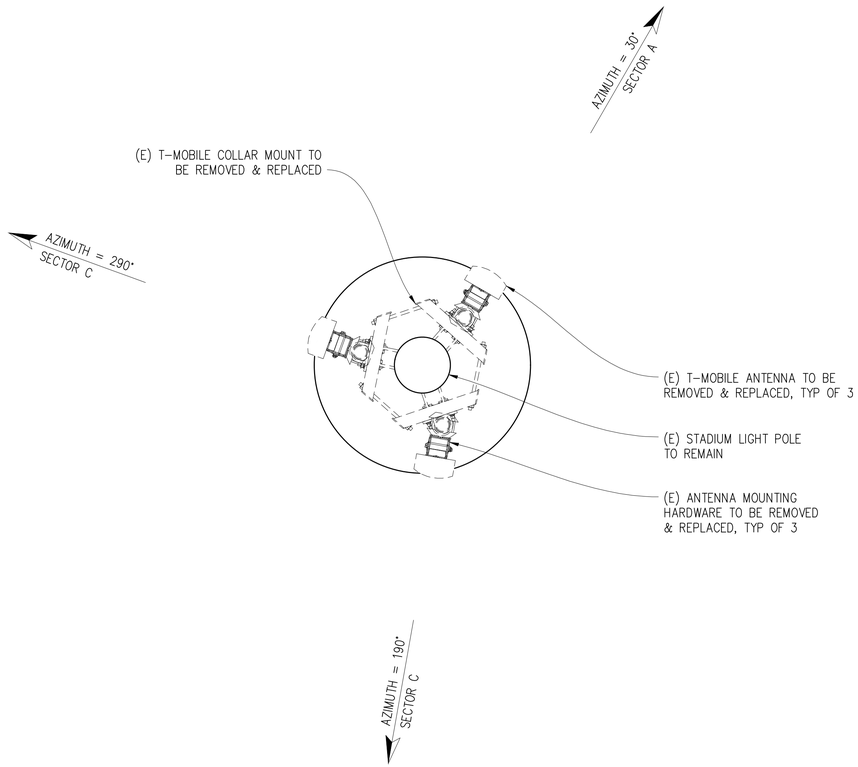
SHEET NUMBER:

A-1.3

(N) ANTENNA & CABLE SCHEDULE

	SECTOR	ANTENNA: TECHNOLOGY	ANTENNA: ANTENNA MODEL	ANTENNA: CENTER	ANTENNA: AZIMUTH	RADIO UNIT: RRU MODEL	RADIO UNIT: NO. OF RRU'S	CABLING: NO. OF ½" JUMPERS	CABLING: COAX JUMPER LENGTH	CABLING: NO. OF ⅞" COAX CABLES	CABLING: NO. OF TMAT19G21BL26-21 @ ANTENNAS	CABLING: NO. OF CTX41727T-DS-43 @ EQUIPMENT
ALPHA SECTOR	A1	N600/L700/N2500/N1900/ L1900/L2100	RFS APXVAALL18M-U-J20	70'-3"	30°	RADIO 4480 B71/B85, RADIO 4460 B25/B66 RADIO 8863 B41	3	12	±10'	4	2	2
BETA SECTOR	B1	N600/L700/N2500/N1900/ L1900/L2100	RFS APXVAALL18M-U-J20	70'-3"	190°	RADIO 4480 B71/B85, RADIO 4460 B25/B66 RADIO 8863 B41	3	12	±10'	4	2	2
GAMMA SECTOR	C1	N600/L700/N2500/N1900/ L1900/L2100	RFS APXVAALL18M-U-J20	70'-3"	290°	RADIO 4480 B71/B85, RADIO 4460 B25/B66	2	12	±10'	4	2	2

NOTE:
1. ANTENNA POSITIONS ARE LEFT TO RIGHT FROM BACK OF ANTENNA.
2. EQUIPMENT IS PRELIMINARY & SUBJECT TO CHANGE.



(E) ANTENNA PLAN

1"=1'-0"

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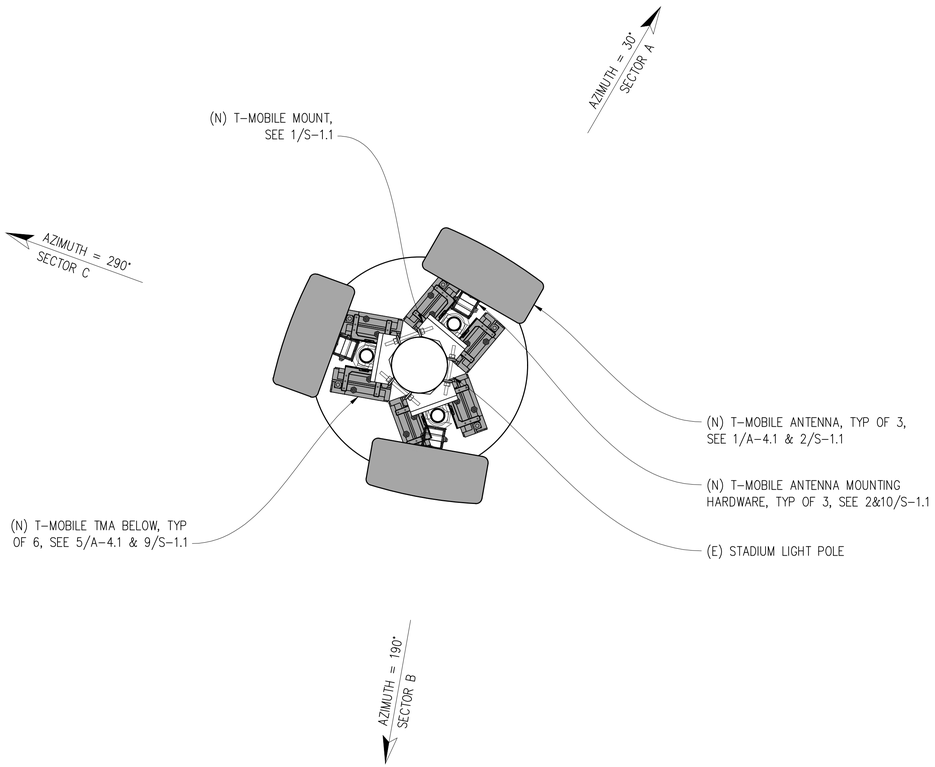

(N) ANTENNA PLAN

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Licensee:

REGISTERED PROFESSIONAL ENGINEER
KEVIN R. SORENSEN
No. 4469
STRUCTURAL
STATE OF CALIFORNIA

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.

ENGINEER:

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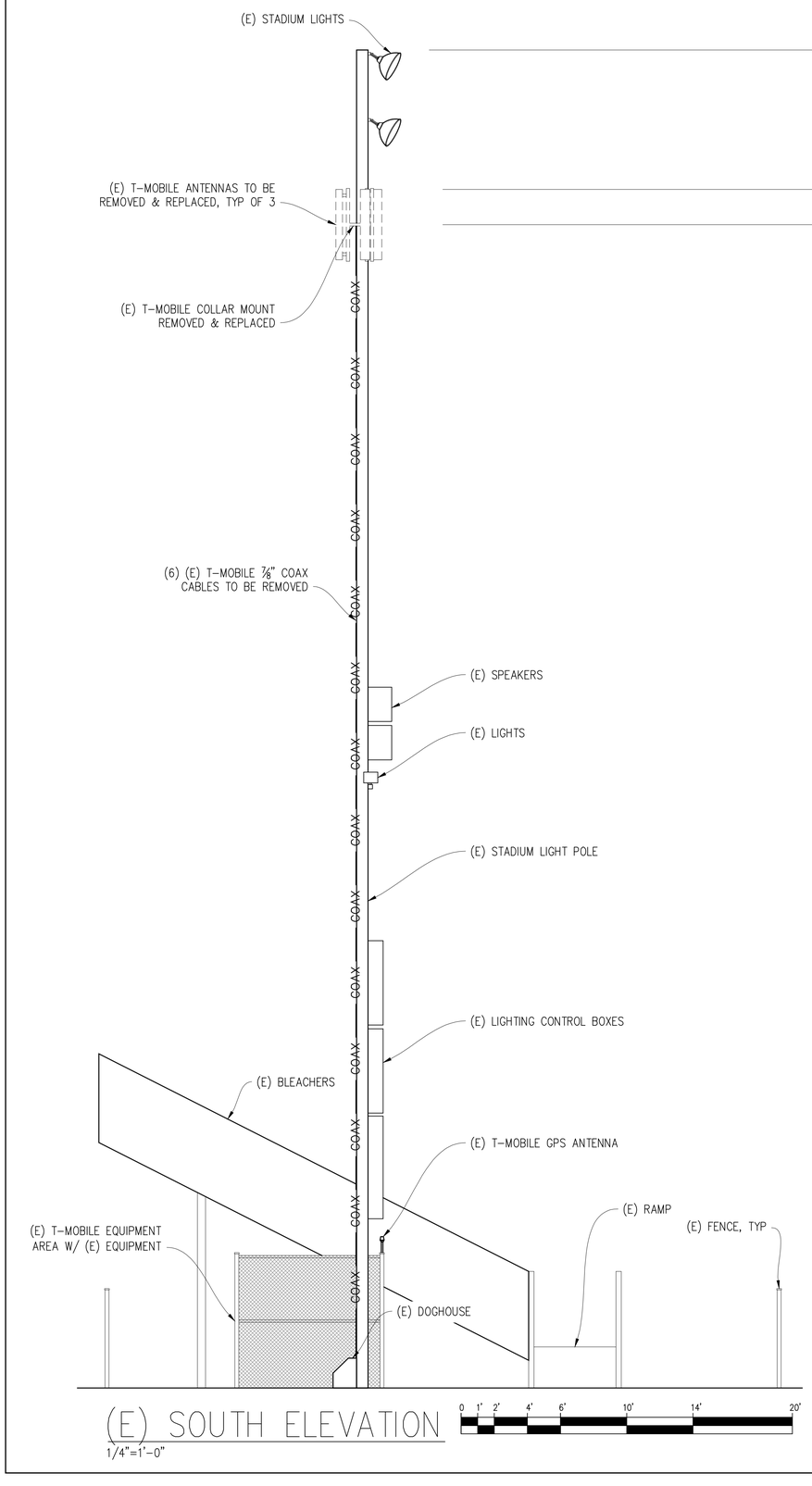
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

SHEET TITLE:

ANTENNA PLANS

SHEET NUMBER:

A-2.1



(E) SOUTH ELEVATION

1/4"=1'-0"

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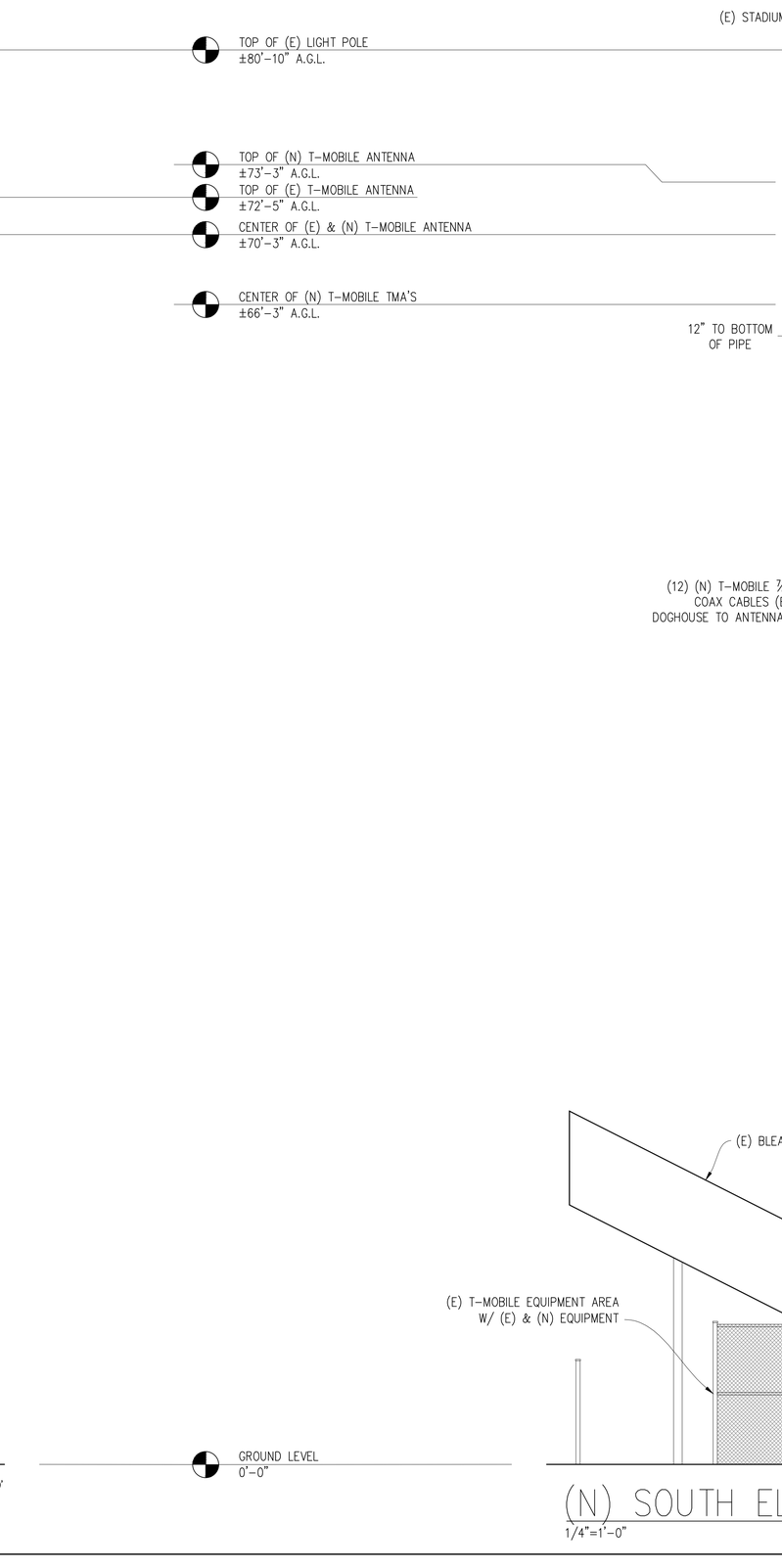

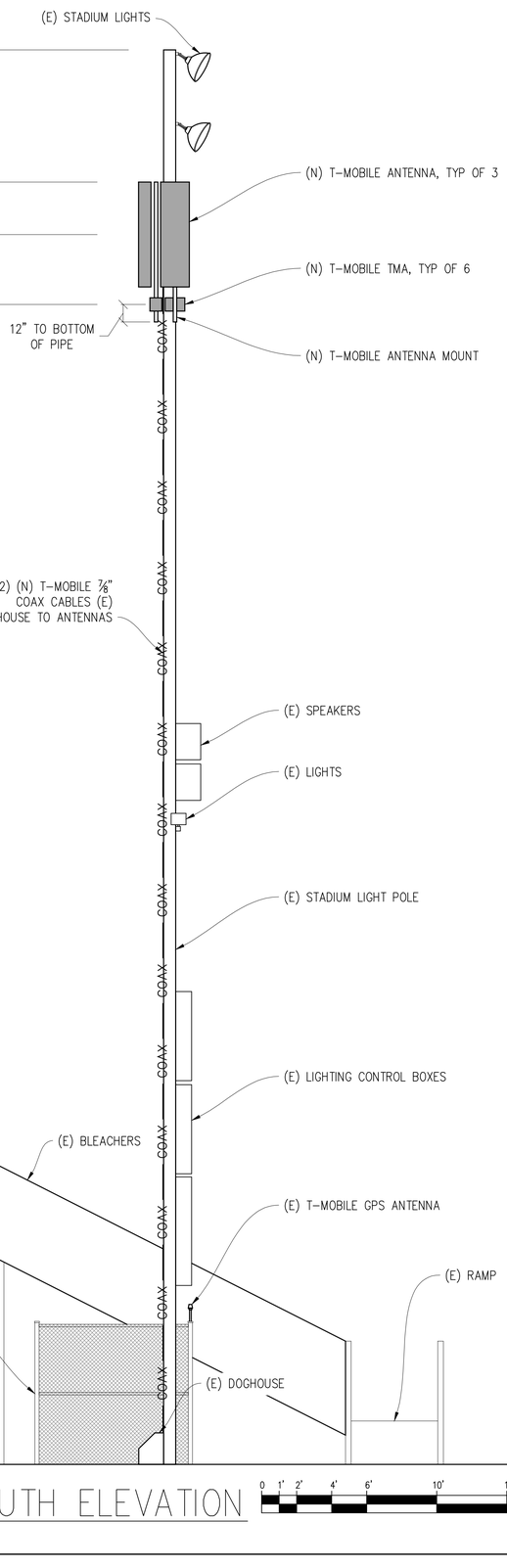

(N) SOUTH ELEVATION

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T-Mobile

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Vendor:

NETWORK CONNEX

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CHECKED BY:	N. GEORGE
APPROVED BY:	K. SORENSEN

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0	06/03/25	CD 90%	C.T.C

Licensee:

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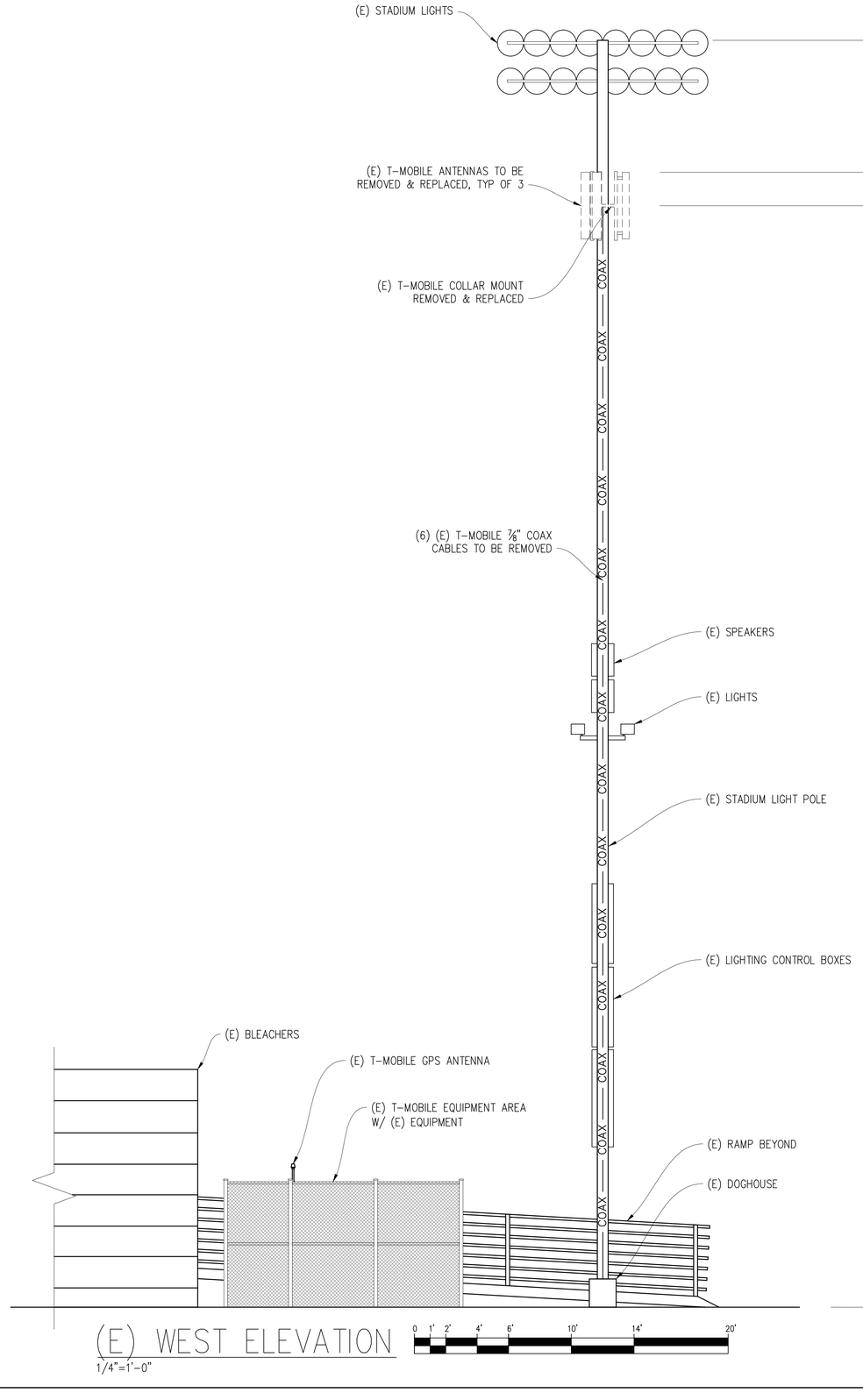
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

SHEET TITLE:

ELEVATIONS

SHEET NUMBER:

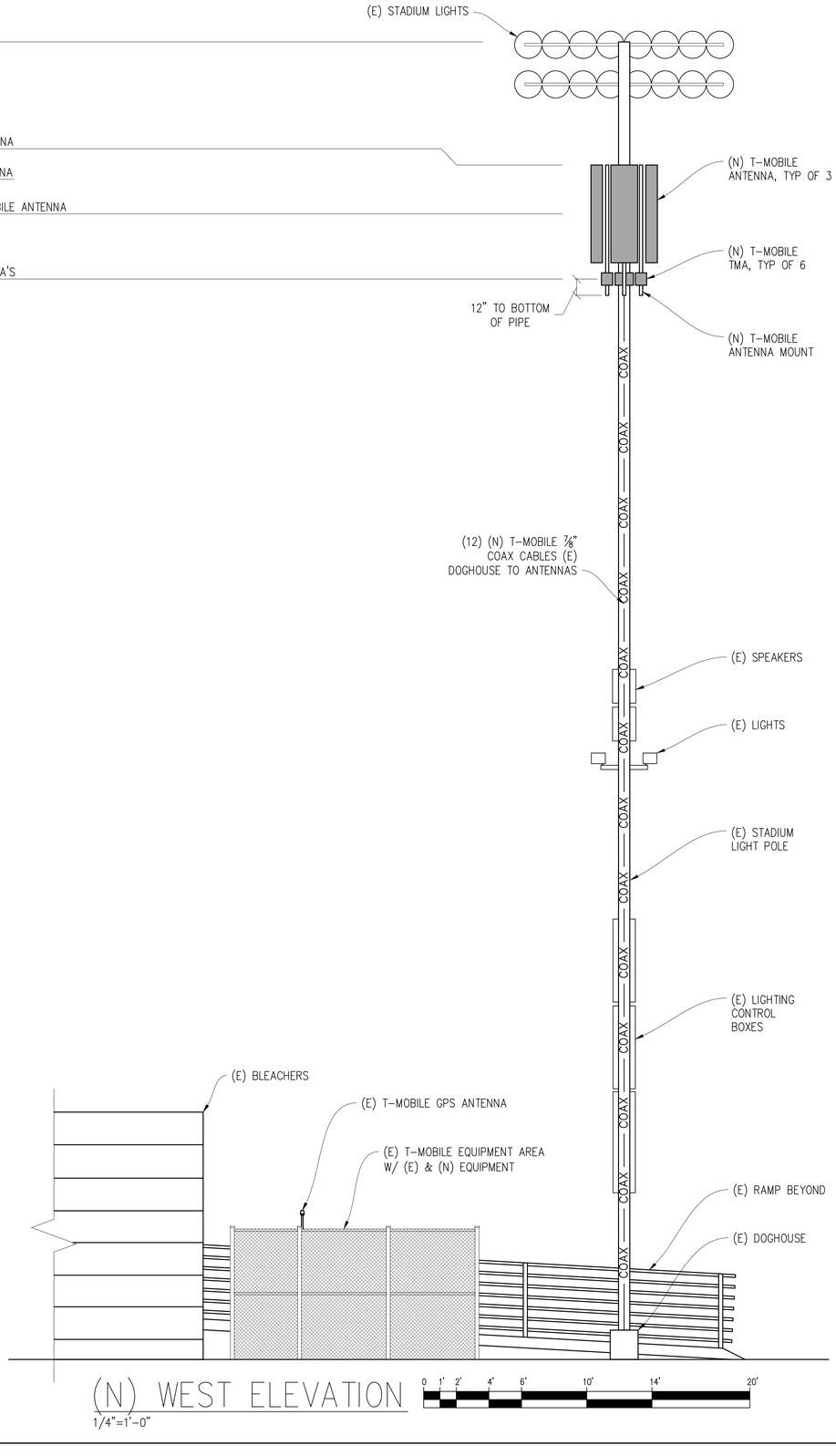
A-3.1



(E) WEST ELEVATION

1/4"=1'-0"

0 1' 2' 4' 6' 10' 14' 20'



(N) WEST ELEVATION

1/4"=1'-0"

0 1' 2' 4' 6' 10' 14' 20'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122628 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐
DATE: 1/22/2026

DSA APPROVAL

Issued For:

SF71313M
DSA ELSIE ALLEN SCHOOL

599 BELLEVUE AVE.
SANTA ROSA, CA 95407

PREPARED FOR

T-Mobile

1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:

NETWORK CONNEX

SITE NO:	SF71313M
PROJECT NO:	N/A
DRAWN BY:	C. COLSTON
CHECKED BY:	N. GEORGE
APPROVED BY:	K. SORENSEN

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
3	01/15/26	DSA P.C.	C.C.
2	10/17/25	CD 100%	C.C.
1	07/30/25	CLIENT REV	C.T.C
0	06/03/25	CD 90%	C.T.C

Licensee:

REGISTERED PROFESSIONAL ENGINEER
KEVIN R. SORENSEN
No. 4469
STRUCTURAL
STATE OF CALIFORNIA

ENGINEER:

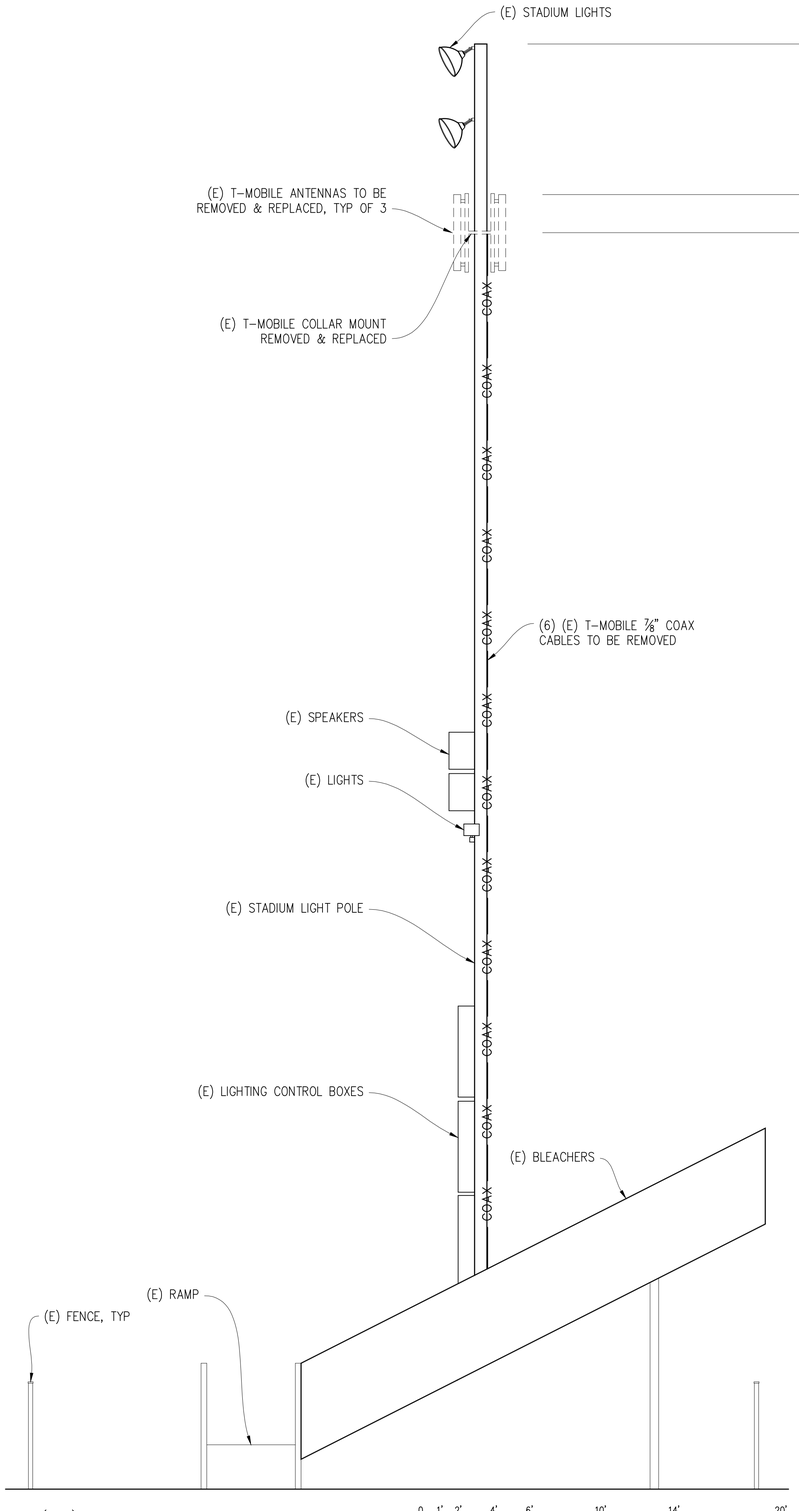
Streamline Engineering and Design, Inc.
3843 Taylor Road, Suite A, Loomis, CA 95650
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

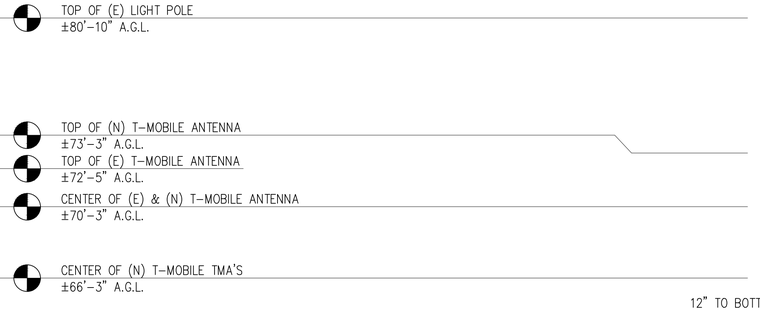
SHEET TITLE:

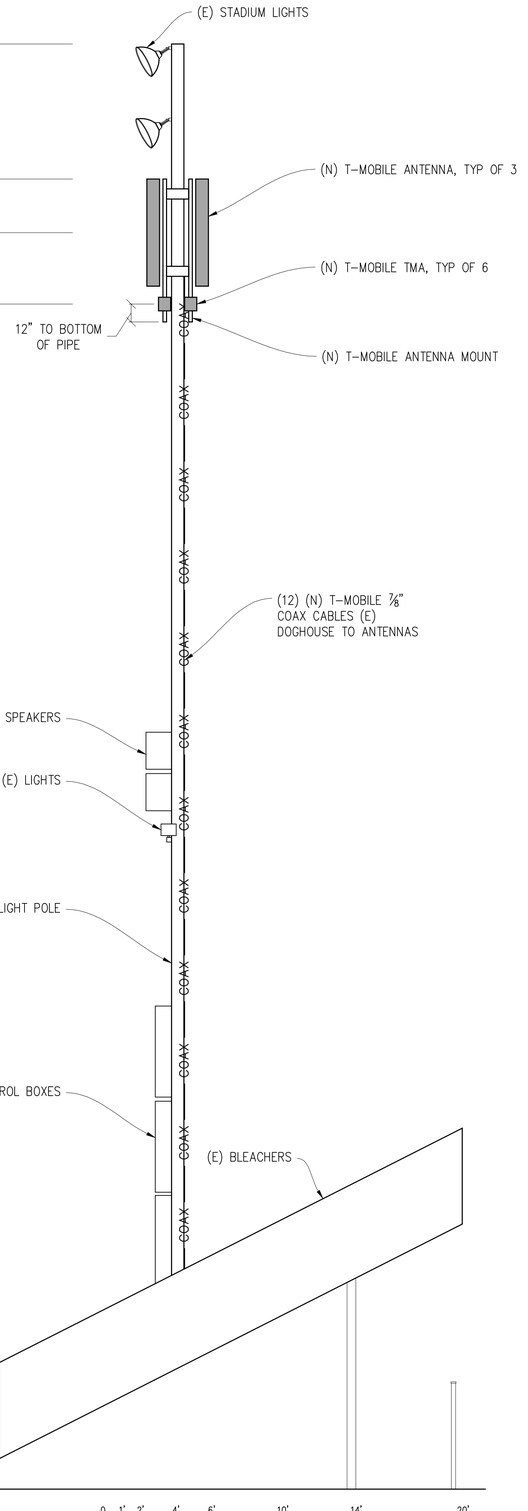
ELEVATIONS

SHEET NUMBER:

A-3.2







GROUND LEVEL
0'-0"

(E) NORTH ELEVATION
1/4"=1'-0"

0 1' 2' 4' 6' 10' 14' 20'

(N) NORTH ELEVATION
1/4"=1'-0"

0 1' 2' 4' 6' 10' 14' 20'

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KEVIN R. SORENSEN
No. 14469
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STATE OF CALIFORNIA

ENGINEER:

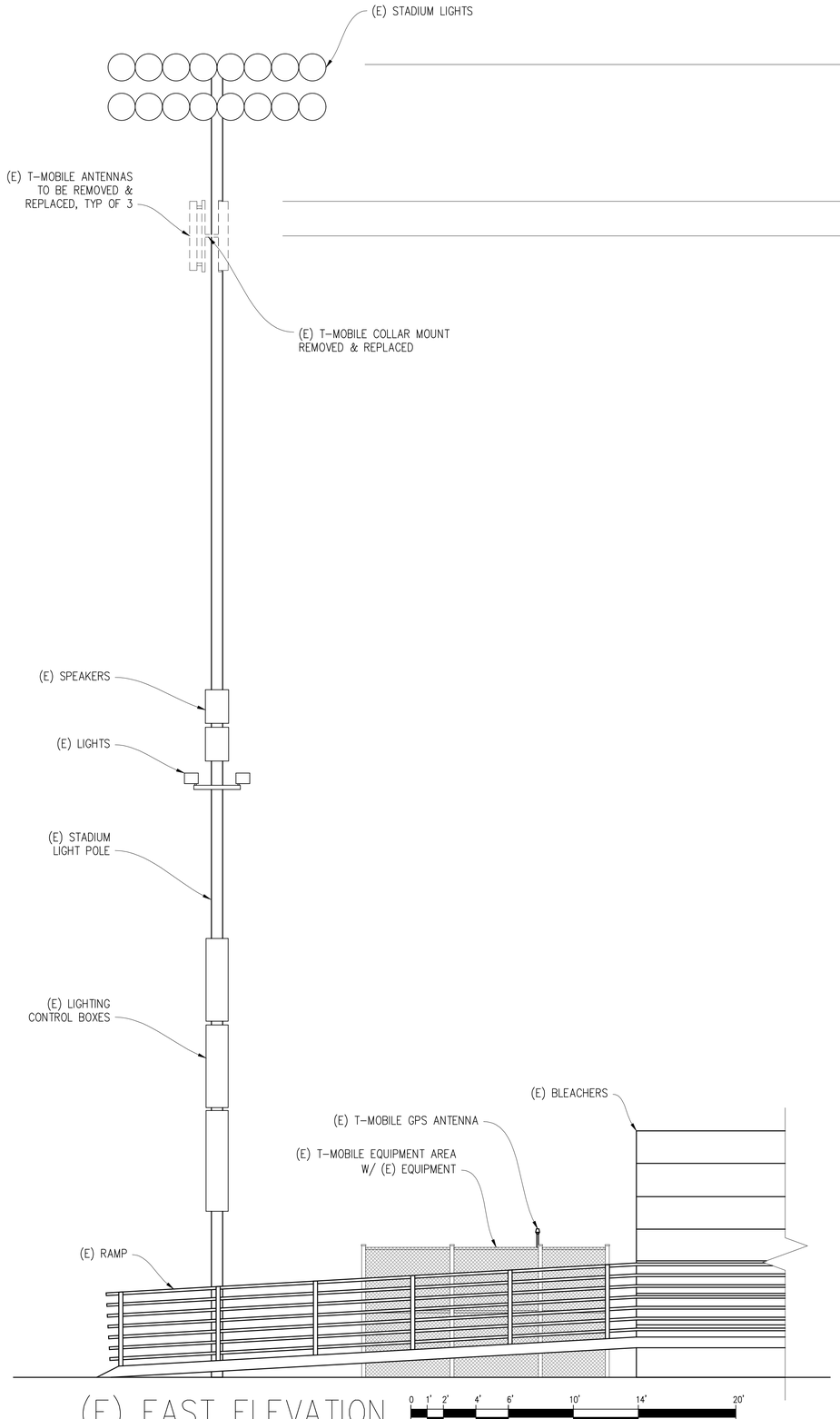
Streamline Engineering and Design, Inc.
3843 Taylor Road, Suite A, Loomis, CA 95650
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

SHEET TITLE:

ELEVATIONS

SHEET NUMBER:

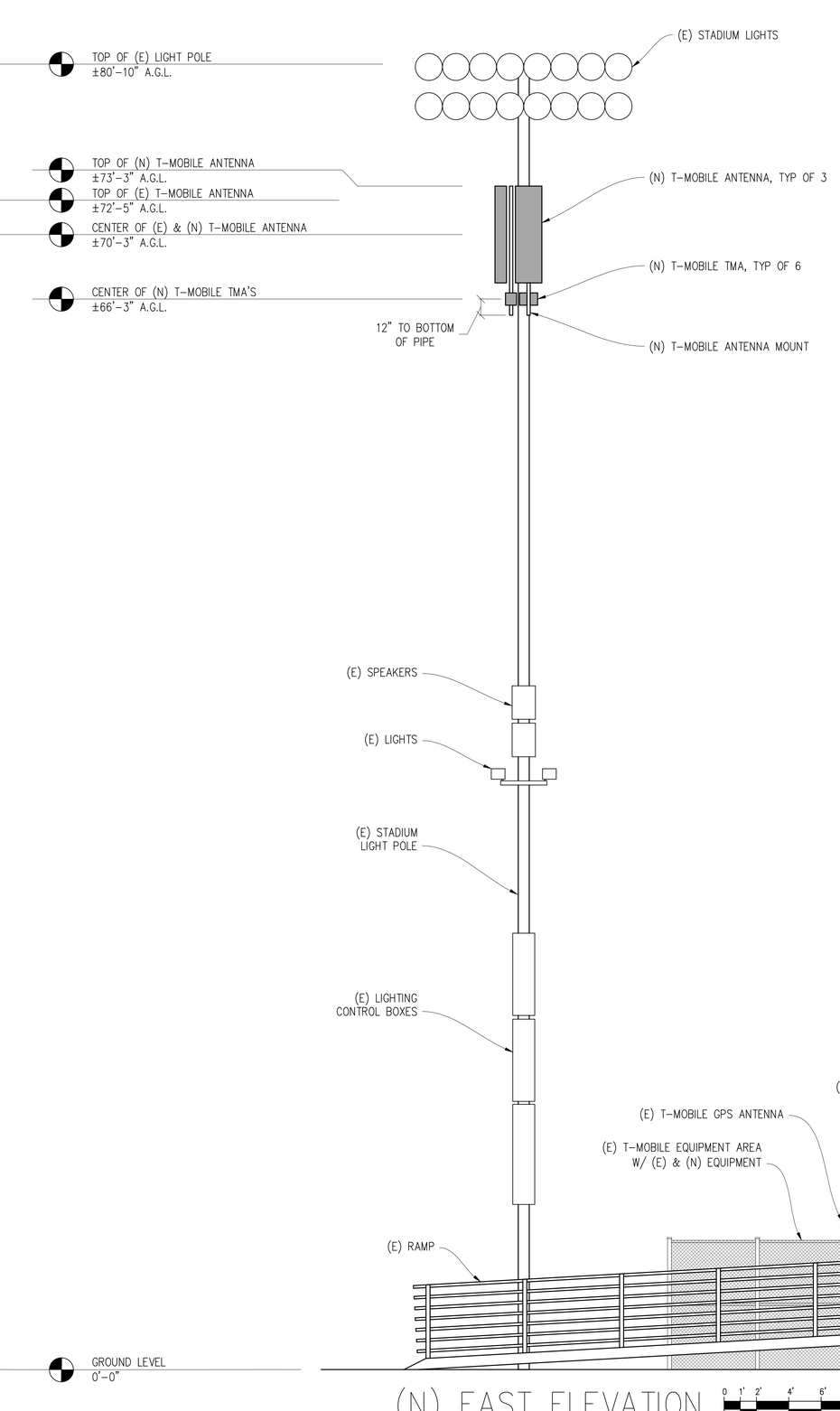
A-3.3



(E) EAST ELEVATION

1/4"=1'-0"

0 1' 2' 4' 6' 10' 14' 20'



(N) EAST ELEVATION

1/4"=1'-0"

0 1' 2' 4' 6' 10' 14' 20'

IDENTIFICATION STAMP
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NETWORK CONNEX

SITE NO:	SF71313M
PROJECT NO:	N/A
DRAWN BY:	C. COLSTON
CHECKED BY:	N. GEORGE
APPROVED BY:	K. SORENSEN

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
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2	10/17/25	CD 100%	C.C.
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Licensee:

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KEVIN R. SORENSEN
No. 14469
STRUCTURAL
STATE OF CALIFORNIA

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.

ENGINEER:

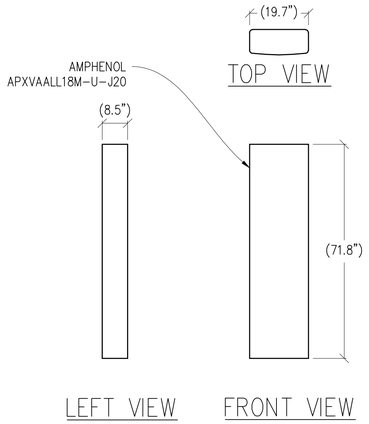
Streamline Engineering and Design, Inc.
3843 Taylor Road, Suite A, Loomis, CA 95650
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

SHEET TITLE:

ELEVATIONS

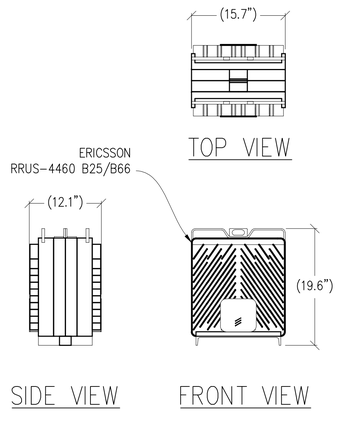
SHEET NUMBER:

A-3.4



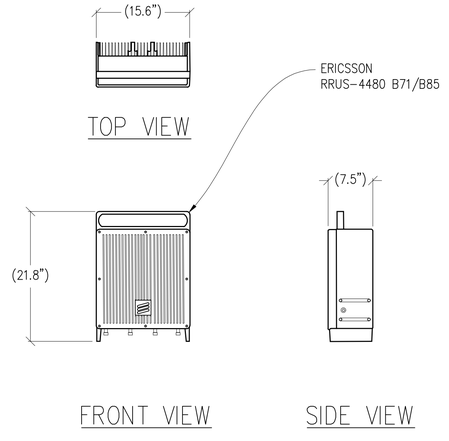
1 ANTENNA DETAIL

½"=1'-0" MAX WEIGHT W/ MOUNT: 76.9 LBS



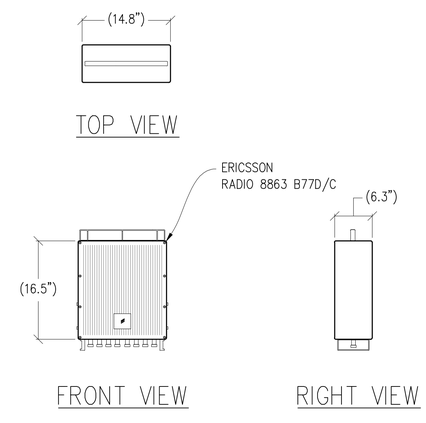
2 RRUS-4460 B25/B66 DETAIL

1"=1'-0" MAX WEIGHT: 109 LBS



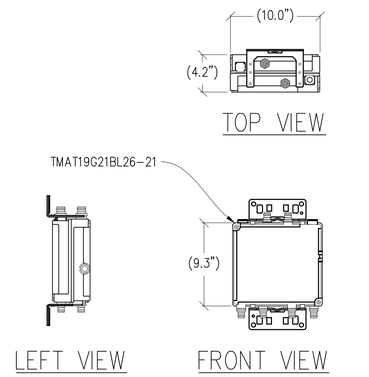
3 RRUS-4480 B71/B85 DETAIL

1"=1'-0" MAX WEIGHT: 93 LBS



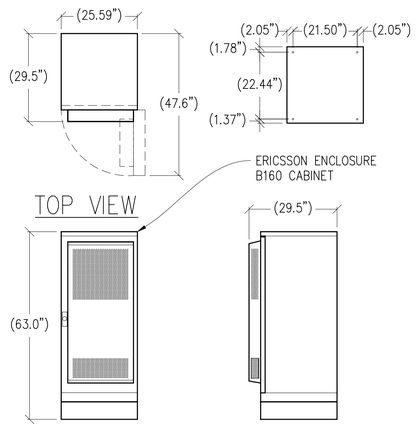
4 RADIO 8863 DETAIL

1"=1'-0" MAX WEIGHT: 57.4 LBS



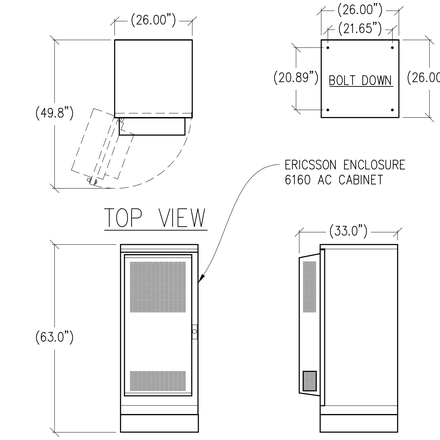
5 STYLE 3CY TMA DETAIL

1½"=1'-0" MAX WEIGHT = 17.6 LB



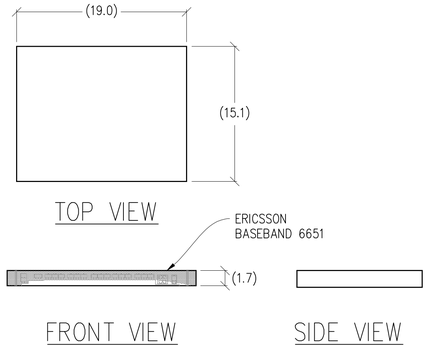
6 B160 CABINET DETAIL

½"=1'-0" WEIGHT = 2086 LBS W/ (12) 133 LBS BATTERIES



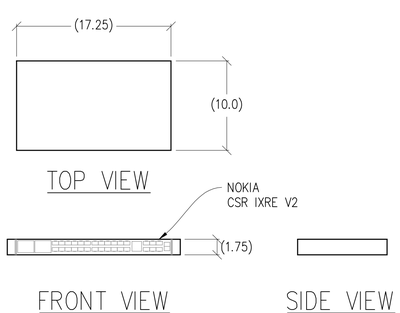
7 6160 V2 CABINET DETAIL

½"=1'-0" WEIGHT = 750 LBS



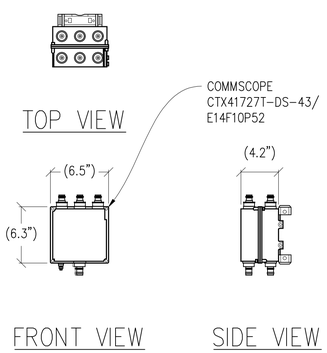
8 6651 UNIT

1½"=1'-0" WEIGHT: 17.6 LBS



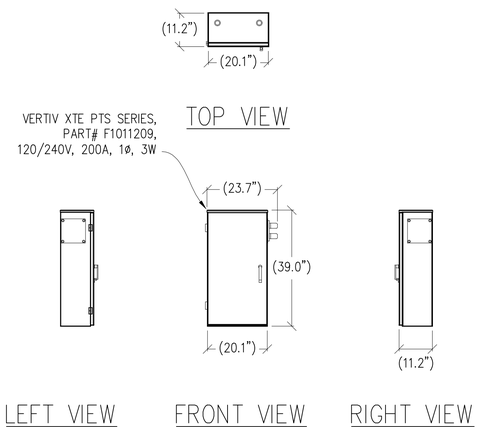
9 CSR IXRE V2 UNIT

1½"=1'-0" WEIGHT: 11.2 LBS



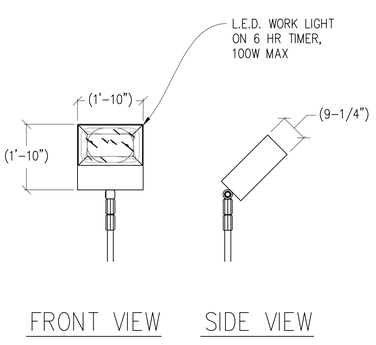
10 TRIPLEXER DETAIL

1½"=1'-0" MAX WEIGHT: 10.4 LBS



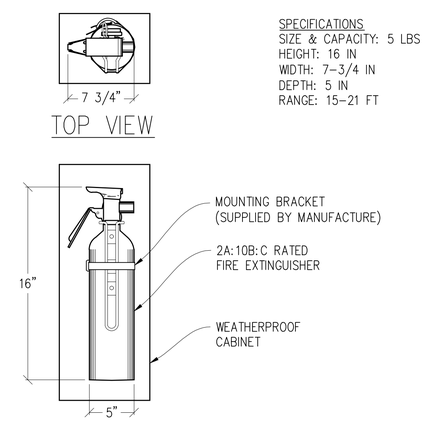
11 ELECTRICAL PANEL DETAIL

½"=1'-0" MAX WEIGHT: 75 LBS.



12 TECH LIGHT DETAIL

½"=1'-0" MAX WEIGHT: 3.4 LBS.



13 FIRE EXTINGUISHER DETAIL

N.T.S. MAX WEIGHT: 15 LBS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122628 INC:
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DSA APPROVAL

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SF71313M
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1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:

NETWORK CONNEX

SITE NO:	SF71313M
PROJECT NO:	N/A
DRAWN BY:	C. COLSTON
CHECKED BY:	N. GEORGE
APPROVED BY:	K. SORENSEN

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
3	01/15/26	DSA P.C.	C.C.
2	10/17/25	CD 100%	C.C.
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0	06/03/25	CD 90%	C.T.C

Licensee:

REGISTERED PROFESSIONAL ENGINEER
KEVIN R. SORENSEN
No. 4369
STRUCTURAL
STATE OF CALIFORNIA

ENGINEER:
Streamline Engineering and Design, Inc.
3843 Taylor Road, Suite A, Loomis, CA 95650
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

SHEET TITLE:

DETAILS

SHEET NUMBER:

A-4.1

EnerSys
Power-Full Solutions

PowerSafe®

SBS Performance Specifications

Features and Benefits

- Capacity range 7-361Ah
- 2V, 6V and 12V monobloc configurations
- Multiple string configurations available
- Two year shelf life
- SR-4228 compliant
- Long service life
- High energy density and cycling capability

Construction

- Utilizes Thin Plate Pure Lead (TPPL) technology. Thin positive grids are produced from high purity lead from a unique manufacturing process to maximize corrosion resistance and service life while increasing energy density.
- Separators are Absorbent Glass Mat (AGM) made from high purity, superior quality fibers. The electrolyte is absorbed within the AGM, preventing acid spills in case of accidental damage.
- High purity electrolyte to reduce self discharge rate and float currents
- Container and cover in flame retardant UL94-V0 material, highly resistant to shock and vibration
- Front terminal batteries use tin-plated copper terminals. Top terminal batteries use a copper alloy insert.
- Self-regulating one way pressure relief valves prevent air ingress

Installation and Operation

- Space efficient footprint
- Valve Regulated Lead Acid (VRLA) design reduces maintenance requirements
- Greater than 10 year life expectancy in float service at 77°F (25°C).
- TPPL technology provides increased active material surface area which yields increased energy density
- Operating temperature: -40°F (-40°C) to 122°F (50°C) Recommended temperature: 68°F (20°C) to 86°F (30°C)

Standards

- Approved as non-hazardous cargo for ground, sea and air transportation. Please see our SDS for complete packaging requirements at www.enersys.com
- Complies with Telcordia® SR-4228, Network Equipment Building System (NEBS™) Criteria Levels
- The management systems governing the manufacture of this product are ISO 9001:2008 and ISO 14001:2004 certified

General Specifications

Battery Type	Number of Cells	Nominal Voltage (V)	8hr. Rate 1.75Vpc @ 77°F	10hr. Rate 1.80Vpc @ 20°C	Nominal Dimensions: Length in	Length mm	Width in	Width mm	Height in	Height mm	Typical Weight lbs	Typical Weight kg	Short Circuit Current (Amps)	Internal* Resistance Milli-ohms	Terminals	Electrolyte (1.300 S.G.): Volume (per bloc) gal	Volume (per bloc) L	Weight (per bloc) lbs	Weight (per bloc) kg	Pure Acid (H2SO4): Volume (per bloc) lbs	Volume (per bloc) kg	Weight (per bloc) lbs	Weight (per bloc) kg	Lead Weight (per bloc)
SBS 8	6	12	7	7	5.43	138	3.39	86.0	3.90	99.0	5.95	2.70	455	27.1	M4 F	0.10	0.38	1.08	0.49	0.03	0.11	0.43	0.19	4.26 1.93
SBS 15	6	12	14	14	7.87	200	3.03	77.0	5.51	140	11.5	5.20	891	13.5	M6 M	0.20	0.75	2.14	0.97	0.06	0.21	0.85	0.38	7.83 3.55
SBS 30	6	12	26	26	9.84	250	3.82	97.0	6.14	156	20.9	9.50	1556	7.90	M6 M	0.40	1.51	4.33	1.96	0.11	0.43	1.72	0.78	15.5 7.04
HB30	6	12	26	26	9.84	250	3.82	97.0	6.14	156	21.2	9.60	1556	7.90	harness	0.40	1.51	4.33	1.96	0.11	0.43	1.72	0.78	15.5 7.04
SBS 40	6	12	38	38	9.84	250	3.82	97.0	8.11	206	29.1	13.2	2184	5.60	M6 M	0.59	2.23	6.39	2.90	0.17	0.63	2.53	1.15	21.2 9.61
SBS 60	6	12	51	51	8.66	220	4.76	121	10.3	261	40.8	18.5	2618	4.40	M6 M	0.85	3.22	9.21	4.17	0.24	0.91	3.65	1.66	29.1 13.2
SBS 110	3	6	116	115	7.87	200	8.19	208	9.41	239	46.7	21.2	3804	1.70	M8 M	0.95	3.60	10.3	4.67	0.27	1.01	4.08	1.85	31.6 14.3
SBS 130	3	6	133	132	7.87	200	8.19	208	9.41	239	50.0	22.7	4111	1.40	M8 M	0.98	3.70	10.6	4.80	0.28	1.04	4.20	1.90	34.2 15.5
SBS 300	1	2	307	310	7.87	200	8.19	208	9.41	239	47.8	21.7	8700	0.23	M8 M	0.95	3.60	10.3	4.67	0.27	1.01	4.08	1.85	31.9 14.5
SBS 390	1	2	361	360	7.87	200	8.19	208	9.41	239	51.1	23.2	11101	0.18	M8 M	0.90	3.39	9.70	4.40	0.25	0.95	3.85	1.75	34.7 15.7
SBS J13	6	12	12	12	6.89	175	3.27	83.0	5.08	129	11.5	5.20	957	13.0	M6 F	0.18	0.68	1.95	0.88	0.05	0.19	0.77	0.35	8.11 3.68
SBS J16	6	12	15	15	7.13	181	2.99	76.0	6.57	167	14.8	6.70	1111	11.0	M6 F	0.23	0.87	2.49	1.13	0.06	0.25	0.99	0.45	11.0 5.00
SBS J30	6	12	26	26	6.54	166	6.89	175	4.92	125	26.0	11.8	1760	7.00	M6 F	0.39	1.48	4.22	1.92	0.11	0.42	1.68	0.76	18.1 8.19
SBS J40	6	12	39	39	7.76	197	6.50	165	6.69	170	35.1	15.9	2400	5.20	M6 F	0.61	2.31	6.61	3.00	0.17	0.65	2.62	1.19	27.6 12.5
SBS J70	6	12	64	64	13.0	329	6.54	166	6.85	174	60.8	27.6	3500	3.50	M6 F	0.98	3.71	10.6	4.81	0.28	1.04	4.21	1.91	44.4 20.2
SBS J13X	6	12	12	12	7.0	177	3.27	85.6	5.17	131	11.5	5.20	957	13.0	M6 F	0.18	0.68	1.95	0.88	0.05	0.19	0.77	0.35	8.11 3.68
SBS J16X	6	12	15	15	7.27	185	3.11	78.5	6.87	16	14.8	6.70	1111	11.0	M6 F	0.23	0.87	2.49	1.13	0.06	0.25	0.99	0.45	11.0 5.00
SBS J30X	6	12	26	26	6.64	169	7.05	179	5.04	128	26.0	11.8	1766	7.00	M6 F	0.39	1.48	4.22	1.92	0.11	0.42	1.68	0.76	18.1 8.19
SBS J40X	6	12	39	39	7.87	200	6.66	169	6.80	173	35.1	15.9	2400	5.20	M6 F	0.61	2.31	6.61	3.00	0.17	0.65	2.62	1.19	27.6 12.5
SBS J70X	6	12	64	64	13.03	331	6.63	168	6.97	177	60.8	27.6	3500	3.50	M6 F	0.98	3.71	10.6	4.81	0.28	1.04	4.21	1.91	44.4 20.2
SBS B14X	6	12	62	62	12.83	326	3.94	100	10.5	266	42.1	19.1	1800	7.00	M8 F	0.78	2.95	8.45	3.83	0.22	0.83	3.35	1.52	29.6 13.4
SBS B8	6	12	31	31	11.0	280	3.82	97.0	6.26	159	22.7	10.3	1270	10.0	M8 F	0.37	1.42	4.05	1.84	0.11	0.40	1.61	0.73	15.6 7.08
SBS B10	6	12	38	38	11.0	280	3.82	97.0	7.24	184	26.0	11.8	1390	9.00	M8 F	0.48	1.80	5.15	2.34	0.13	0.51	2.04	0.93	17.7 8.03
SBS B14	6	12	62	62	11.0	280	3.82	97.0	10.4	264	42.1	19.1	1800	7.00	M8 F	0.78	2.95	8.45	3.83	0.22	0.83	3.35	1.52	29.6 13.4
SBS C11	6	12	91	92	15.6	395	4.13	105	10.4	264	61.7	28.0	2200	5.50	M8 F	1.28	4.85	13.9	6.29	0.36	1.36	5.50	2.49	43.3 19.7
SBS 100	6	12	100	100	15.6	395	4.25	108	11.3	287	71.9	32.6	2210	5.60	M8 F	1.34	5.09	14.6	6.60	0.38	1.43	5.77	2.62	49.7 22.6
SBS145	6	12	145	145	16.9	429	6.77	172	9.37	238	105	47.6	4100	3.00	M8 F	2.21	8.37	23.9	10.9	0.62	2.35	9.49	4.31	79.5 36.1
SBS B8F	6	12	31	31	11.9	303	3.82	97.0	6.26	159	22.7	10.3	1270	10.0	M6 M	0.37	1.42	4.05	1.84	0.11	0.40	1.61	0.73	15.6 7.08
SBS B10F	6	12	38	38	11.9	303	3.82	97.0	7.24	184	28.2	12.8	1390	9.00	M6 M	0.48	1.80	5.15	2.34	0.13	0.51	2.04	0.93	17.7 8.03
SBS B14F	6	12	62	62	11.9	303	3.82	97.0	10.4	264	42.0	19.1	1800	7.00	M6 M	0.78	2.95	8.45	3.83	0.22	0.83	3.35	1.52	29.6 13.4
SBS C11F	6	12	91	92	16.4	417	4.13	105	10.3	256	61.6	28.0	2200	5.50	M6 M	1.28	4.85	13.9	6.29	0.36	1.36	5.50	2.49	43.3 19.7
SBS 100F	6	12	100	100	15.6	395	4.25	108	11.3	287	71.9	32.6	2210	5.60	M6 M	1.34	5.09	14.6	6.60	0.38	1.43	5.77	2.62	49.7 22.6
SBS 112F	6	12	112	112	22.1	561	4.92	125	8.98	228	90.4	41.0	2500	5.00	M6 M	1.71	6.48	18.5	8.41	0.48	1.82	7.35	3.34	56.8 25.8
SBS 145F	6	12	145	145	17.8	452	6.77	172	9.37	238	105	47.6	4100	3.00	M6 M	2.25	8.51	24.3	11.0	0.63	2.39	9.66	4.38	72.4 32.8
SBS 165F	6	12	165	165	17.8	452	6.77	172	10.8	274	116	52.8	3700	2.30	M6 M	2.45	9.27	26.5	12.0	0.64	2.42	9.72	4.41	82.7 37.5
SBS 170F	6	12	170	170	22.1	561	4.92	125	11.1	283	116	52.5	3500	3.50	M6 M	2.09	7.92	22.7	10.3	0.59	2.23	8.99	4.08	82.0 37.2
SBS 190F	6	12	190	190	22.1	561	4.92	125	12.4	316	132	60.0	3990	3.20	M6 M	2.34	8.86	25.3	11.5	0.66	2.49	10.1	4.56	95.8 43.4

*Resistance values are for reference only and not intended to represent an Ohmic value or base line measurement.

Constant Current Discharge Performance Data

Discharge Currents (Amperes) to 1.75Vpc at 77°F (25°C)

Battery Type	Standby Time (Minutes): 15	30	45	Standby Time (Hours): 1	2	3	4	5	6	7	8	10	20
SBS 8	18.0	10.4	7.5	5.8	3.2	2.2	1.7	1.4	1.2	1.1	0.9	0.8	0.4
SBS 15	32.8	19.5	14.1	11.2	6.2	4.4	3.4	2.8	2.4	2.0	1.8	1.5	0.8
SBS 30	61.1	36.1	26.1	20.6	11.4	8.0	6.2	5.1	4.3	3.8	3.3	2.8	1.5
SBS 40	83.4	50.7	37.0	29.3	16.3	11.4	8.9	7.3	6.2	5.4	4.7	3.9	2.1
SBS 60	108.9	66.7	48.9	39.0	22.0	15.5	12.1	9.9	8.4	7.3	6.5	5.3	2.8
SBS 110	209.2	135.1	101.4	81.9	47.6	34.0	26.7	22.0	18.8	16.4	14.6	12.0	6.5
SBS 130	246.1	156.2	116.8	94.2	54.7	39.2	30.7	25.3	21.6	18.9	16.7	13.7	7.4
SBS 300	602.7	384.5	283.7	227.3	129.3	90.7	71.0	58.6	50.0	43.7	39.0	32.2	17.7
SBS 390	647.4	427.3	323.3	261.6	152.1	108.8	84.9	69.8	59.2	51.5	45.7	37.0	19.9
SBS J13	27.5	16.5	11.9	9.4	5.2	3.7	2.9	2.3	2.0	1.7	1.5	1.2	0.6
SBS J16	34.5	20.9	15.2	12.0	6.8	4.8	3.7	3.0	2.6	2.2	2.0	1.6	0.8
SBS J30	63.3	37.9	27.3	21.5	11.8	8.2	6.3	5.2	4.4	3.8	3.4	2.7	1.5
SBS J40	89.3	54.4	39.6	31.3	17.4	12.2	9.4	7.7	6.5	5.7	5.0	4.1	2.2
SBS J70	151.1	91.6	66.3	52.2	28.6	19.8	15.2	12.4	10.4	9.0	7.9	6.4	3.4
SBS B8(F)	68.8	40.2	29.2	23.1	13.1	9.2	7.2	5.9	5.0	4.4	3.9	3.2	1.7
SBS B10(F)	79.8	47.6	34.5	27.2	15.3	10.9	8.5	7.1	6.1	5.4	4.8	4.0	2.2
SBS B14(F)	122.8	76.1	56.4	45.1	25.7	18.2	14.3	11.8	10.1	8.8	7.8	6.4	3.5
SBS C11(F)	172.6	109.3	80.9	64.7	37.0	26.3	20.5	17.0	14.5	12.8	11.4	9.5	5.3
SBS 100(F)	195.9	126.1	94.2	75.4	43.1	30.5	23.7	19.4	16.5	14.4	12.8	10.5	5.8
SBS 112F	196.3	128.4	97.2	78.9	46.1	33.0	25.8	21.3	18.1	15.8	14.0	11.4	5.9
SBS 145(F)	262.0	164.8	122.1	98.1	56.4	40.1	32.0	26.7	23.1	20.3	18.2	15.0	7.7
SBS 165F	303.0	195.0	146.0	120.0	68.5	48.5	37.8	31.0	26.9	23.5	20.8	17.0	9.5
SBS 170F	293.7	199.2	152.2	124.0	71.7	51.0	39.6	32.5	27.7	24.2	21.5	17.7	9.6
SBS 190F	332.7	222.8	169.3	137.4	79.9	57.1	44.5	36.6	31.1	27.2	24.1	19.8	10.7

Discharge Currents (Amperes) to 1.80Vpc at 77°F (25°C)

Battery Type	Standby Time (Minutes): 15	30	45	Standby Time (Hours): 1	2	3	4	5	6	7	8	10	20
SBS 8	17.5	10.2	7.3	5.7	3.2	2.2	1.7	1.4	1.2	1.0	0.9	0.8	0.4
SBS 15	32.0	19.2	13.9	11.0	6.1	4.3	3.4	2.7	2.3	2.0	1.8	1.4	0.8
SBS 30	59.4	35.5	25.7	20.3	11.2	7.9	6.1	5.0	4.3	3.7	3.3	2.7	1.5
SBS 40	80.8	49.7	36.3	28.8	16.1	11.3	8.7	7.2	6.1	5.3	4.7	3.8	2.1
SBS 60	104.8	65.2	48.0	38.3	21.7	15.3	11.9	9.8	8.3	7.2	6.4	5.2	2.8
SBS 110	198.6	130.6	98.7	79.9	46.7	33.5	26.3	21.7	18.5	16.2	14.4	11.8	6.4
SBS 130	234.0	150.7	113.4	91.6	53.6	38.5	30.2	25.0	21.3	18.6	16.5	13.5	7.3
SBS 300	561.6	363.2	268.3	216.1	123.3	87.3	68.6	56.9	48.8	42.8	38.3	31.8	17.7
SBS 390	615.6	412.9	314.3	255.0	149.1	106.9	83.6	68.7	58.4	50.8	45.1	36.6	19.7
SBS J13	26.6	16.1	11.7	9.3	5.2	3.6	2.8	2.3	1.9	1.7	1.5	1.2	0.6
SBS J16	33.2	20.3	14.8	11.8	6.6	4.7	3.6	3.0	2.5	2.2	1.9	1.6	0.8
SBS J30	61.0	36.9	26.7	21.1	11.6	8.1	6.3	5.1	4.3	3.8	3.3	2.7	1.4
SBS J40	85.4	52.7	38.6	30.7	17.1	12.0	9.3	7.6	6.4	5.6	4.9	4.0	2.1
SBS J70	143.0	88.2	64.3	50.9	28.1	19.5	15.0	12.2	10.3	8.9	7.8	6.3	3.3
SBS B8(F)	67.7	39.5	28.5	22.6	12.9	9.1	7.1	5.9	5.0	4.3	3.8	3.1	1.7
SBS B10(F)	77.4	47.0	34.0	26.8	15.2	10.7	8.4	7.0	6.0	5.3	4.8	4.0	2.2
SBS B14(F)	115.4	72.7	54.3	43.7	25.1	18.0	14.1	11.7	10.0	8.8	7.8	6.4	3.4
SBS C11(F)	163.0	105.0	78.5	63.1	36.5	26.0	20.4	16.9	14.4	12.7	11.4	9.4	5.3
SBS 100(F)	181.4	118.9	89.9	72.5	41.9	29.9	23.2	19.1	16.2	14.1	12.6	10.4	5.7
SBS 112F	182.1	121.7	93.1	76.1	45.0	32.3	25.4	20.9	17.8	15.5	13.8	11.2	5.8
SBS 145F	244.9	158.2	118.3	95.5	55.1	39.4	31.4	26.2	22.6	19.9	17.8	14.6	7.5
SBS 165F	283.0	186.0	141.0	116.0	67.1	47.6	37.1	30.5	26.5	23.1	20.5	16.8	9.0
SBS 170F	266.2	187.8	145.7	119.4	69.9	49.9	38.9	32.0	27.2	23.8	21.2	17.4	9.4
SBS 190F	304.6	209.8	161.6	132.2	77.9	56.0	43.8	36.0	30.7	26.8	23.8	19.5	10.6

PowerSafe® SBS

Constant Current Discharge Performance Data continued

Discharge Currents (Amperes) to 1.85Vpc at 77°F (25°C)

Battery Type	Standby Time (Minutes): 15	30	45	Standby Time (Hours): 1	2	3	4	5	6	7	8	10	20
SBS 8	16.8	9.9	7.2	5.6	3.1	2.1	1.7	1.4	1.2	1.0	0.9	0.7	0.4
SBS 15	30.8	18.7	13.6	10.7	6.0	4.2	3.3	2.7	2.3	2.0	1.7	1.4	0.7
SBS 30	57.1	34.5	25.0	19.8	10.9	7.7	5.9	4.9	4.1	3.6	3.2	2.6	1.4
SBS 40	76.9	48.0	35.2	28.1	15.6	11.0	8.5	7.0	5.9	5.1	4.5	3.7	2.0
SBS 60	98.6	62.4	46.3	36.9	21.1	14.9	11.6	9.5	8.1	7.0	6.2	5.1	2.7
SBS 110	186.4	125.1	94.7	76.9	45.4	32.5	25.5	21.2	18.1	15.8	14.0	11.5	6.3
SBS 130	220.4	144.1	108.2	87.7	51.7	37.4	29.3	24.2	20.7	18.1	16.1	13.2	7.1
SBS 300	512.7	325.2	243.1	196.3	113.6	81.5	64.7	53.9	46.4	40.9	36.8	30.8	17.6
SBS 390	573.5	394.0	300.2	244.4	145.2	103.6	80.9	67.0	57.0	49.5	44.0	35.8	19.6
SBS J13	25.2	15.5	11.4	9.0	5.0	3.5	2.7	2.2	1.9	1.6	1.5	1.2	0.6
SBS J16	31.4	19.6	14.3	11.4	6.4	4.5	3.5	2.9	2.4	2.1	1.9	1.5	0.8
SBS J30	57.6	35.6	25.9	20.4	11.3	7.9	6.1	5.0	4.2	3.6	3.2	2.6	1.4
SBS J40	80.1	50.4	37.3	29.5	16.6	11.7	9.0	7.4	6.2	5.4	4.8	3.9	2.1
SBS J70	133.3	83.5	61.4	48.9	27.3	19.0	14.6	11.9	10.0	8.6	7.6	6.2	3.2
SBS B8(F)	66.8	38.8	28.0	22.0	12.5	8.9	7.0	5.8	4.9	4.3	3.8	3.1	1.6
SBS B10(F)	73.7	45.9	33.1	26.1	14.7	10.4	8.2	6.8	5.8	5.2	4.7	3.9	2.2
SBS B14(F)	106.5	68.2	51.4	41.5	24.3	17.4	13.8	11.5	9.8	8.6	7.7	6.3	3.4
SBS C11(F)	151.8	99.4	74.8	60.5	35.5	25.7	20.3	16.7	14.3	12.6	11.2	9.3	5.2
SBS 100(F)	164.3	110.6	84.0	67.9	40.2	28.8	22.6	18.6	15.8	13.8	12.2	10.1	5.6
SBS 112F	164.6	113.0	87.4	71.6	43.2	31.2	24.5	20.2	17.2	15.0	13.3	10.8	5.6
SBS 145F	224.0	148.0	112.4	91.3	52.9	38.3	30.5	25.4	21.9	19.3	17.2	14.1	7.3
SBS 165F	261.0	176.0	135.0	112.0	65.3	46.6	36.4	29.9	26.0	22.7	20.1	16.5	8.0
SBS 170F	246.6	175.0	137.9	113.3	67.2	48.1	37.6	30.9	26.3	22.9	20.4	16.7	9.1
SBS 190F	275.2	194.2	151.8	124.7	74.9	54.3	42.4	35.0	29.9	26.1	23.2	19.0	10.3

Constant Power Discharge Performance Data

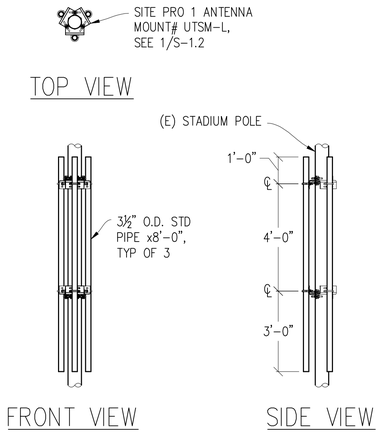
Discharge Power (Watts per Cell) to 1.75Vpc at 77°F (25°C)

Battery Type	Standby Time (Minutes): 15	30	45	Standby Time (Hours): 1	2	3	4	5	6	7	8	10	20
SBS 8	34	20	14	11	6.2	4.3	3.4	2.8	2.3	2.0	1.8	1.5	0.8
SBS 15	62	37	27	21	12	8.5	6.6	5.4	4.6	4.0	3.5	2.9	1.5
SBS 30	116	69	50	40	22	15	12	10	8.4	7.3	6.5	5.3	2.9
SBS 40	157	96	71	56	32	22	17	14	12	10	9.2	7.5	4.1
SBS 60	203	126	93	74	42	30	23	19	16	14	13	10	5.5
SBS 110	385	253	191	155	91	65	51	42	36	32	28	23	13
SBS 130	456	293	221	179	105	75	59	49	42	36	32	27	14
SBS 300	1109	719	534	430	247	174	136	113	97	84	75	62	35
SBS 390	1185	797	608	495	290	208	163	134	114	99	88	72	39
SBS J13	52	31	23	18	10	7.1	5.5	4.5	3.8	3.3	2.9	2.4	1.3
SBS J16	65	40	29	23	13	9.2	7.2	5.9	5.0	4.3	3.8	3.1	1.6
SBS J30	119	72	52	41	23	16	12	10	8.5	7.4	6.5	5.3	2.8
SBS J40	166	103	76	60	34	24	18	15	13	11	10	7.9	4.2
SBS J70	281	173	126	100	55	38	29	24	20	18	15	13	6.5
SBS B8(F)	132	77	56	44	25	18	14	11	10	8.5	7.5	6.2	3.3
SBS B10(F)	150	91	66	52	30	21	16	14	12	10	9.2	7.7	4.3
SBS B14(F)	229	145	108	87	50	36	28	23	20	17	16	13	6.9
SBS C11(F)	318	205	153	123	71	51	40	33	28	25	22	18	10
SBS 100(F)	358	235	177	143	82	59	46	37	32	28	25	20	11
SBS 112F	359	239	183	149	88	64	50	41	35	31	27	22	12
SBS 145F	483	309	231	186	108	77	61	51	44	39	35	29	15
SBS 165F	569	374	283	234	136	97	76	62	54	47	42	34	18
SBS 170F	535	372	289	237	139	100	78	64	54	48	42	35	19
SBS 190F	606	418	323	264	157	113	88	72	62	54	48	39	21

Constant Power Discharge Performance Data continued

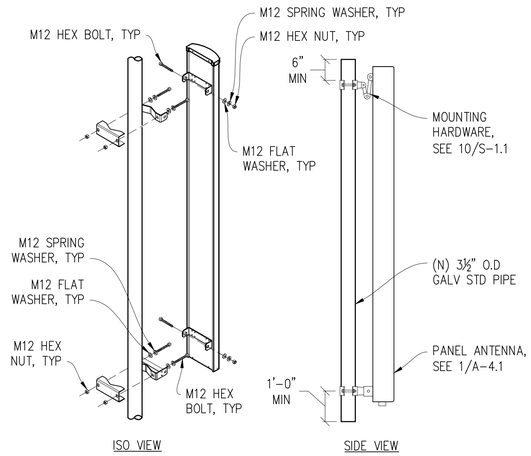
Discharge Power (Watts per Cell) to 1.80Vpc at 77°F (25°C)

Battery Type	Standby Time (Minutes): 15	30	45	Standby Time (Hours): 1	2	3	4	5	6	7	8	10	20
SBS 8	34	20	14	11	6.2	4.3	3.3	2.7	2.3	2.0	1.8	1.5	0.8
SBS 15	61	37	27	21	12	8.4	6.5	5.3	4.5	3.9	3.5	2.8	1.5
SBS 30	113	68	50	39	22	15	12	10	8.3	7.2	6.4	5.3	2.9
SBS 40	153	95	70	56	31	22	17	14	12	10	9.1	7.5	4.1
SBS 60	198	124	92	74	42	30	23	19	16	14	12	10	5.5
SBS J13	50	31	23	18	10	7.1	5.5	4.5	3.8	3.3	2.9	2.4	1.2
SBS J16	63	39	29	23	13	9.1	7.0	5.8	4.9	4.3	3.8	3.1	1.6
SBS J30	115	71	52	41	23	16	12	10	8.4	7.3	6.5	5.3	2.8
SBS J40	161	101	74	59	33	23	18	15	13	11	10	7.8	4.1
SBS J70	269	168	123	98	55	38	29	24	20	17	15	12	6.5



1 UTSM-L MOUNT DETAIL

⅜"=1'-0"



2 ANTENNA MOUNT

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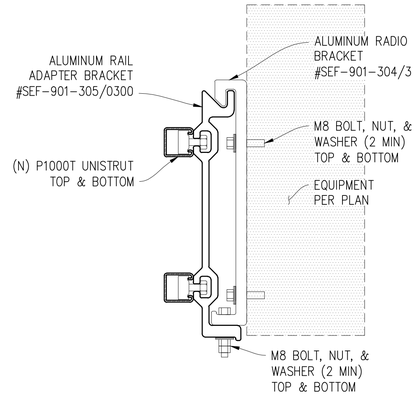

3 EQUIPMENT MOUNTING

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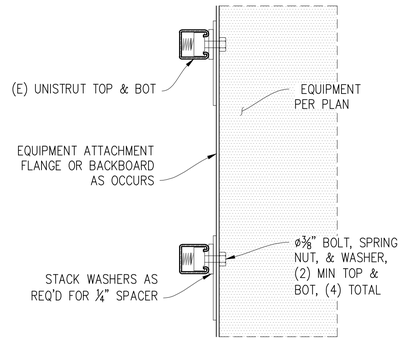

4 EQUIPMENT MOUNTING

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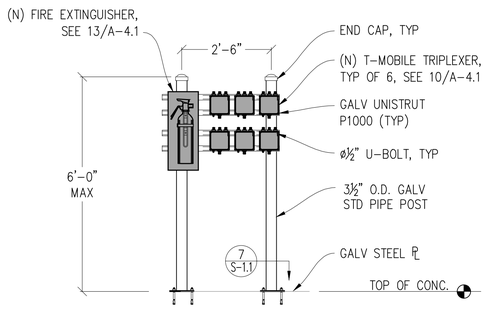
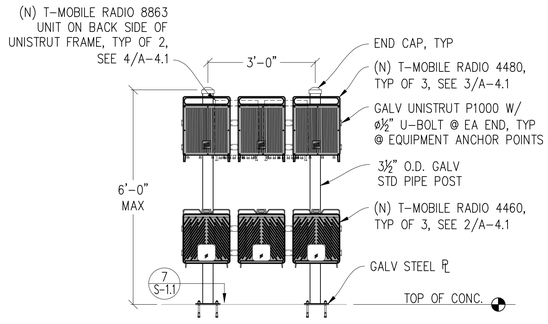


5 H-FRAME DETAIL

½"=1'-0"



6 H-FRAME DETAIL

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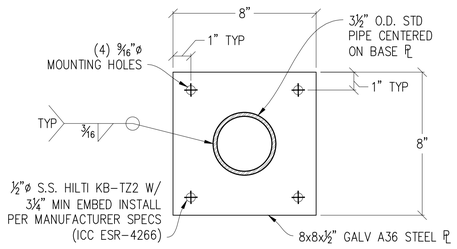

7 H-FRAME BASE PLATE

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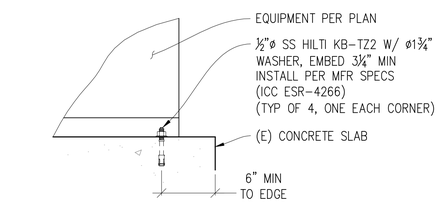
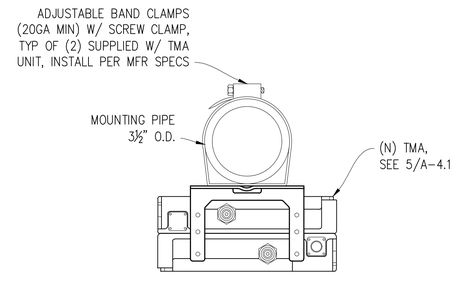


8 CABINET TO CONC

1½"=1'-0"



9 TMA MOUNTING

3"=1'-0"

NOTES:

1. ALL THREADED ROD CONNECTIONS @ COLLAR MOUNTS SHALL BE INSTALLED TO A SNUG-TIGHT CONDITION.
2. PROVIDE LOCKWASHERS & NUTS @ ALL POLE CLAMP CONNECTIONS.
3. ALL FASTENERS INCLUDING HEX BOLTS, SPRING WASHERS & PLAIN WASHERS SHALL BE PER STEEL NOTE 12 AND NOTE 14 WHERE OCCURS.
4. INSTALLATION TORQUE FOR ANTENNA & EQUIPMENT MOUNT FASTENERS:

M6	(¼")	8 FT-LBS
M8	(5⁄16")	18 FT-LBS
M10	(⅜")	30 FT-LBS
M12	(½")	43 FT-LBS
M16	(⅝")	87 FT-LBS

A TORQUE TABLE

MOUNTING KITS 85-1_DE — PROSE

General:

Panel Antenna Mechanical Downtilt Mounting Kit For OD:50~114 mm (2.0~4.5 in) Mast.
Mounting Kits Contains One Top Bracket And One Bottom Bracket.

General Specification:

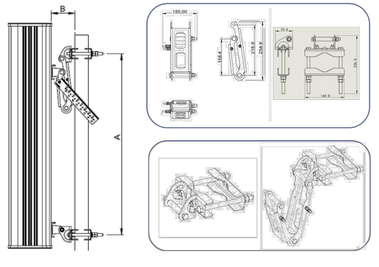
Package Quantity	1 Set
Kit Includes	Brackets & Hardware
Color	Silver
Material Type	Galvanized Carbon Steel
Application	Outdoor
Environment	RoHS Compliant

Mechanical Specification

Compatible Mast Diameter Maximum:	114mm / 4.5 in
Compatible Mast Diameter Minimum:	50mm / 2.0 in
Net Weight:	4.2 kg / 9.4 lb
Pack Size:	440*255*85mm
Mass Weight:	4.5Kg/9.9 lb
Bracket Distance (A):	Maximum 1800mm
Antenna to Pipe Distance (B):	88 mm Nominal
Mechanical Downtilt:	0°- 12°

Design And Manufacture

This Mounting Kits Is Designed, Manufactured, Distributed Under ***PROSE.***

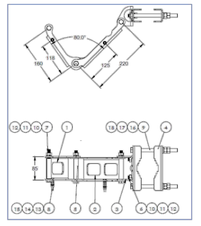


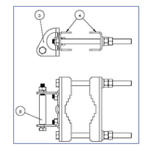
www.prosetechnologies.com
1/2

MOUNTING KITS 85-1_DE — PROSE

Brackets Material List

Pos.	Q'ty	Description
1	1	Tilt short arm
2	1	Tilt long arm
3	2	Tilt joint
4	4	Clamp
5	4	Bushing
6	4	Bolt M10x25
7	4	Bolt M10x110
8	2	Bolt M6x40
9	4	Bolt M12x180
10	8	M10 Plain washer
11	8	M10 spring washer
12	8	M10 Nut
13	3	M6 plain washer
14	3	M6 spring washer
15	8	M6 Nut
16	4	M12 plain washer
17	4	M12 spring washer
18	8	M12 Nut





NOTE:
SEE A/S-1.1 FOR TORQUE TABLE

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2/2

10 ANTENNA BRACKET MOUNT CUT SHEET

NOT TO SCALE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122628 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐
DATE: 1/22/2026

DSA APPROVAL

Issued For:

SF71313M
DSA ELSIE ALLEN SCHOOL

599 BELLEVUE AVE.
SANTA ROSA, CA 95407

PREPARED FOR

T-Mobile

1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:

NETWORK CONNEX

SITE NO:	SF71313M
PROJECT NO:	N/A
DRAWN BY:	C. COLSTON
CHECKED BY:	N. GEORGE
APPROVED BY:	K. SORENSEN

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
3	01/15/26	DSA P.C.	C.C.
2	10/17/25	CD 100%	C.C.
1	07/30/25	CLIENT REV	C.T.C
0	06/03/25	CD 90%	C.T.C

Licensee:

REGISTERED PROFESSIONAL ENGINEER
KEVIN R. SORENSEN
No. 4469
STRUCTURAL
STATE OF CALIFORNIA

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.

ENGINEER:

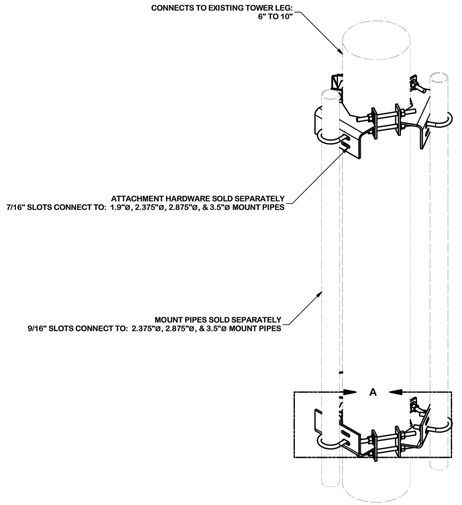
Streamline Engineering and Design, Inc.
3843 Taylor Road, Suite A, Loomis, CA 95650
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

SHEET TITLE:

STRUCTURAL DETAILS

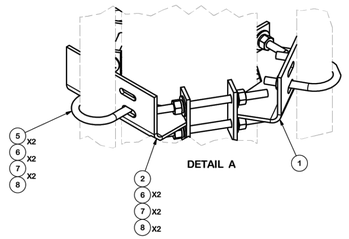
SHEET NUMBER:

S-1.1



PARTS LIST

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	6	X-UTSML	UNIVERSAL TRI-SECTOR MOUNT WEDLEMNT FOR LARGER LEGS		4.65	27.88
2	12	G12R-8	1/2" x 8" THREADED ROD (HDG.)		0.45	5.35
3	6	X-UTSML-P1	MOUNT PLATE FOR X-UTSM & X-UTSML	4 in	0.39	2.34
4	6	X-UTSML-BPL	BENT PLATE FOR UTSM-L	8 1/4 in	3.60	21.60
5	6	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.60	3.58
6	36	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	1.23
7	36	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.50
8	36	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	2.58
					TOTAL WT. #	49.87



NOTE:
SEE A/S-1.1 FOR TORQUE TABLE

TOLERANCE NOTES
TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
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LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

PROPRIETARY NOTE:
THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

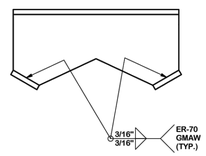
DESCRIPTION: UNIVERSAL TRI-SECTOR MOUNT KIT FOR LARGER LEGS

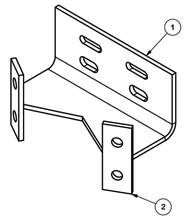
SITE PRO 1 — Engineering Support Team: 1-888-753-7446 — Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX; Tampa, FL

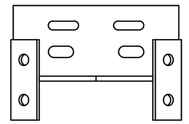
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	CEK 3/7/2019	2/25/2020	UTSM-L
CLASS / SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81 / 02	CUSTOMER	BMC 2/25/2020	UTSM-L

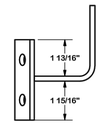
PAGE 1 OF 2

1 UNIVERSAL TRI-SECTOR MOUNT KIT UTSM-L
NOT TO SCALE









FINISH:
HOT DIP GALVANIZED.

PARTS LIST

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	X-UTSM-BPL	BENT PLATE FOR UTSM-L	8 1/4 in	3.60	3.60
2	2	X-UTSM-P1	MOUNT PLATE FOR X-UTSM & X-UTSML	4 in	0.39	0.78
					TOTAL WT. #	4.65

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DESCRIPTION: UNIVERSAL TRI-SECTOR MOUNT WEDLEMNT FOR LARGER LEGS

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CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	CEK 3/8/2019	2/24/2020	X-UTSML
CLASS / SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81 / 02	SHOP	BMC 2/24/2020	X-UTSML

PAGE 1 OF 1

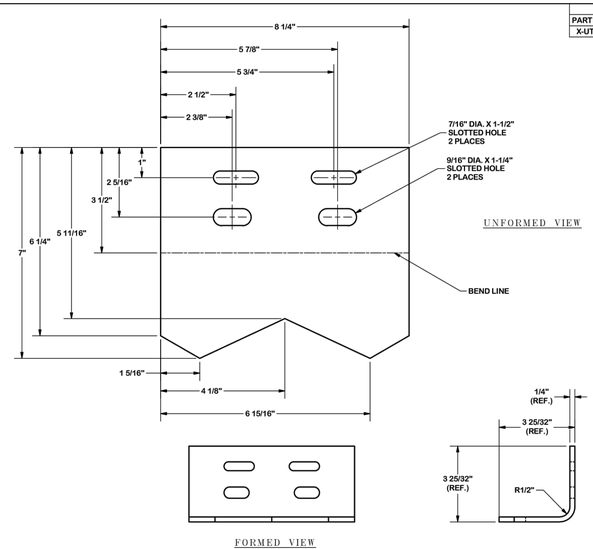
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
B	CHANGED 7/16" SLOT SIZE		CSL	2/24/2020
A	ADDED 7/16" SLOTS		CSL	1/10/2020

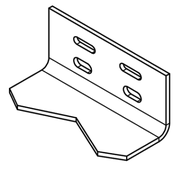
REVISION HISTORY

2 X-UTSML
NOT TO SCALE

MATERIAL LIST

PART NUMBER	STOCK NO.	MATERIAL DESCRIPTION	LENGTH	WEIGHT
X-UTSM-BPL	351308	1/4" MILL PLATE (FY = 35 KSI MIN)	8 1/4 in	3.60





UNFORMED VIEW

FORMED VIEW

FINISH:
BLACK

TOLERANCE NOTES
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DESCRIPTION: BENT PLATE FOR UTSM-L

SITE PRO 1 — Engineering Support Team: 1-888-753-7446 — Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX; Tampa, FL

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	CEK 3/8/2019	2/24/2020	X-UTSM-BPL
CLASS / SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81 / 03	SHOP	BMC 2/24/2020	X-UTSM-BPL

PAGE 1 OF 1

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
B	CHANGED 7/16" SLOT SIZE		CSL	2/24/2020
A	ADDED 7/16" SLOTS		CSL	1/10/2020

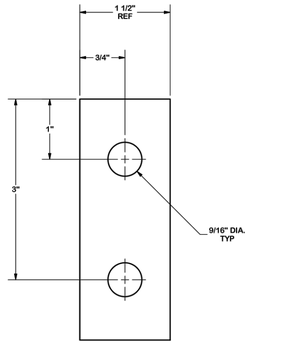
REVISION HISTORY

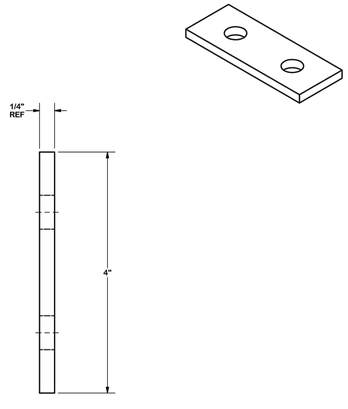
3 X-UTSM-BPL
NOT TO SCALE

WRITE P/N IN YELLOW

PARTS LIST

PART NO.	STOCK NUMB	PART DESCRIPTION	LENGTH	UNIT WT.
X-UTSM-P1	350382	1/4" x 1 1/2" FLAT STOCK (A36)	4 in	0.39





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DESCRIPTION: MOUNT PLATE FOR UTSM

SITE PRO 1 — Engineering Support Team: 1-888-753-7446 — Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	CSL3	3RD PARTY	X-UTSM-P1
CLASS / SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
	SHOP	BMC 4/27/2017	X-UTSM-P1

PAGE 1 OF 1

4 X-UTSM-P1
NOT TO SCALE

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DIV. OF THE STATE ARCHITECT
APP: 01-122628 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐
DATE: 1/22/2026

DSA APPROVAL

Issued For:

SF71313M
DSA ELSIE ALLEN SCHOOL

599 BELLEVUE AVE,
SANTA ROSA, CA 95407

PREPARED FOR

T-Mobile

1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:

NETWORK CONNEX

SITE NO:	SF71313M
PROJECT NO:	N/A
DRAWN BY:	C. COLSTON
CHECKED BY:	N. GEORGE
APPROVED BY:	K. SORENSEN

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
3	01/15/26	DSA P.C.	C.C.
2	10/17/25	CD 100%	C.C.
1	07/30/25	CLIENT REV	C.T.C
0	06/03/25	CD 90%	C.T.C

Licensee:

REGISTERED PROFESSIONAL ENGINEER
KEVIN R. SORENSEN
No. 14469
STRUCTURAL
STATE OF CALIFORNIA

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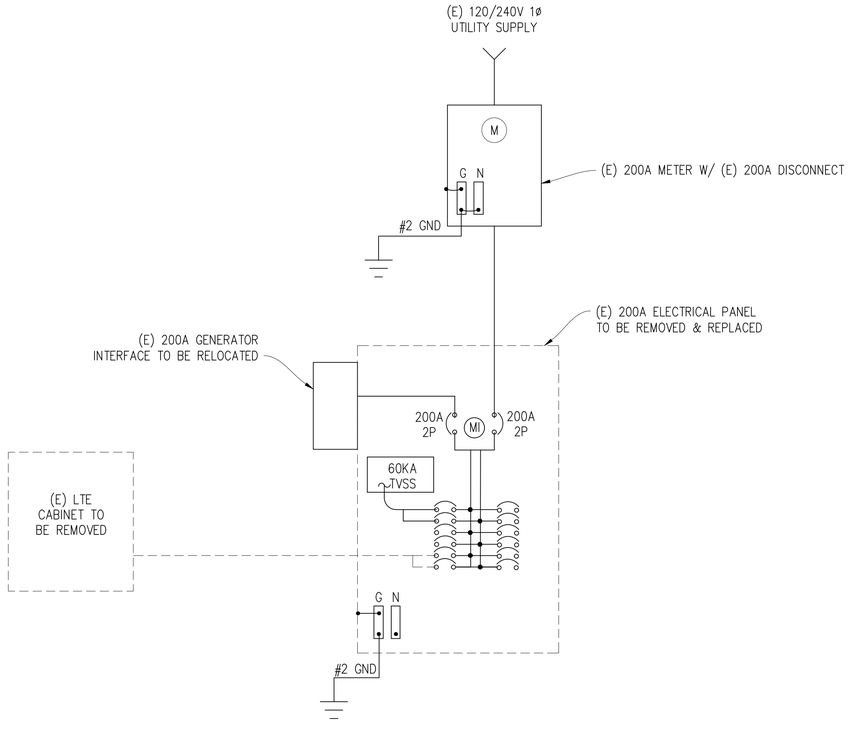
ENGINEER:

Streamline Engineering and Design, Inc.
3843 Taylor Road, Suite A, Loomis, CA 95650
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

SHEET TITLE:
STRUCTURAL DETAILS

SHEET NUMBER:
S-1.2



SINGLE LINE DIAGRAM

ELECTRIC LEGEND

- MI — MECHANICAL INTERLINK
- M — METER
- CIRCUIT BREAKER
- SERVICE GROUND
- WIRED CONNECTION
- TIMER SWITCH, WATERPROOF
- OUTDOOR LIGHT
- GFI OUTLET, WATERPROOF

Applicable Code: 2022 CBC

MEP Component Anchorage Note

All mechanical, plumbing, and electrical components shall be anchored and installed per the details on the DSA-approved construction documents. The following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2022 CBC Sections 1617A.1.18 through 1617A.1.26 and ASCE 7-16 Chapters 13, 26, and 30:

1. All permanent equipment and components.
2. Temporary, movable or mobile equipment that is permanently attached (e.g., hard wired) to the building utility services such as electricity, gas or water. □Permanently attached□ shall include all electrical connections except plugs for 110/220 volt receptacles having a flexible cable.
3. Temporary, movable or mobile equipment which is heavier than 400 pounds or has a center of mass located 4 feet or more above the adjacent floor or roof level that directly support the component is required to be restrained in a manner approved by DSA.

The following mechanical and electrical components shall be positively attached to the structure but need not demonstrate design compliance with the references noted above. These components shall have flexible connections provided between the component and associated ductwork, piping, and conduit. Flexible connections must allow movement in both transverse and longitudinal directions:

A. Components weighing less than 400 pounds and having a center of mass located 4 feet or less above the adjacent floor or roof level that directly support the component.
B. Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from a roof or floor or hung from a wall.

The anchorage of all mechanical, electrical and plumbing components shall be subject to the approval of the design professional in general responsible charge or structural engineer delegated responsibility and acceptance by DSA. The project inspector will verify that all components and equipment have been anchored in accordance with the above requirements.

Applicable Code: 2022 CBC per IR 16-13.

MEP Distribution System Bracing Note for Piping, Ductwork, and Electrical Conduit

Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7 Section 13.3 as defined in ASCE 7 Sections 13.6.5, 13.6.6, 13.6.7, and 13.6.8; and 2022 CBC Sections 1617A.1.24, 1617A.1.25, and 1617A.1.26.

The method of showing bracing and attachments to the structure for the identified distribution systems are as noted below. The MEP design professional engineer responsible for content on these sheets has verified that the design methods identified below are in accordance with DSA IR 16-13.

Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping (PP), Electrical Distribution Systems (E):

MP☐ MD☐ PP☐ E☒ Option 1: Project-Specific Design.

MP☐ MD☐ PP☐ E☐ Option 2: Design Based on OSHPD OPM, Within Project Submittal.

MP☐ MD☐ PP☐ E☐ Option 3: Design Based on OSHPD OPM, Deferred Submittal.

(E) PANEL SCHEDULE

NAMEPLATE : PANEL A			SC LEVEL 65000				VOLTS: 120V/240V, 1ø		
LOCATION : OUTSIDE							BUSS AMPS: 200A		
MOUNTING : H-FRAME							MAIN CB: 200A		
øA	øB	LOAD DESCRIPTION	BKR AMP/	CIRCUIT NO		BKR AMP/	LOAD DESCRIPTION	øA	øB
LOAD VA	LOAD VA		POLE			POLE		LOAD VA	LOAD VA
30		TVSS	30/2	1	2	80/2	SPARE	0	
	30	" "	" "	3	4	" "	" "		0
180		GFCI	15/1	5	6	80/2	SPARE	0	
	300	TECH LIGHT	20/1	7	8	" "	" "		0
5500		LTE	60/2	9	10	–	BLANK		
	5500	" "	–	11	12	–	" "		
5710	5830	PHASE TOTALS					PHASE TOTALS	0	0
TOTAL VA =	11540	TOTAL AMPS=	48						
TOTAL KVA =	11.54								

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SS ☑ FLS ☑ ACS ☐
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Vendor:

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PROJECT NO:	N/A
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Licensee:

REGISTERED PROFESSIONAL ENGINEER
RICHARD A. MALONE
12.8.25
No.15161
ELECTRICAL
STATE OF CALIFORNIA

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ENGINEER:

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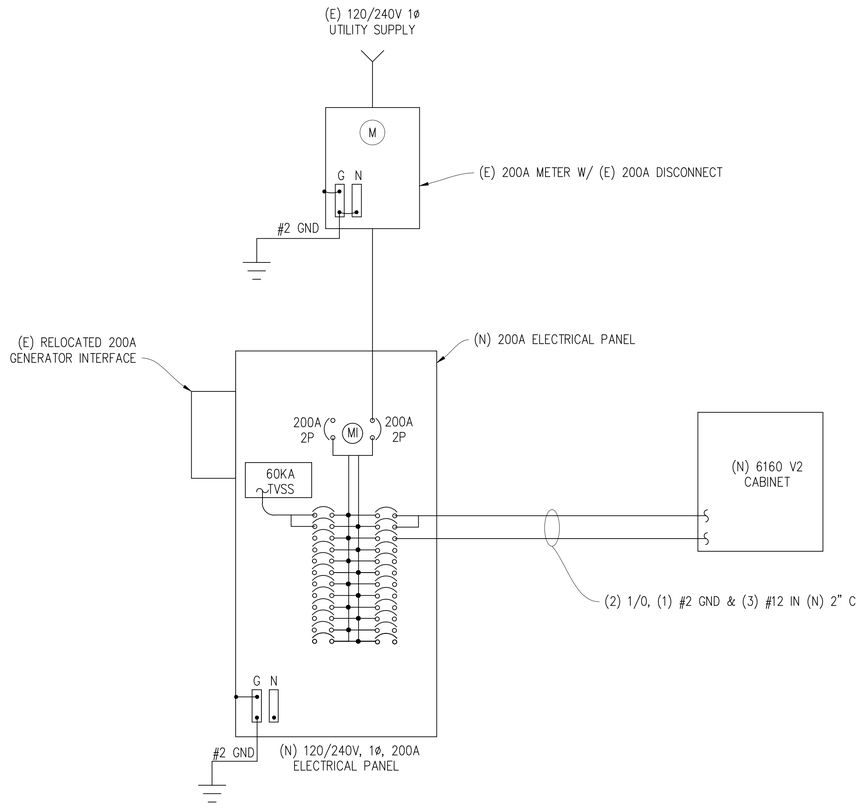
3843 Taylor Road, Suite A, Loomis, CA 95650
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

SHEET TITLE:

(E) ELECTRICAL PLAN

SHEET NUMBER:

E-1.1



SINGLE LINE DIAGRAM

ELECTRICAL LABELING REQUIREMENTS

1. CONTRACTOR SHALL LABEL ALL ELECTRICAL DEVICES INSTALLED OR ALTERED PURSUANT TO THIS CONTRACT PER THE FOLLOWING. LABELS SHALL BE PERMANENT BLACK ON WHITE PEEL & STICK LABEL MAKER TYPE FOR ALL SWITCH & OUTLET PLATES, CONDUITS AND CEILING FIXTURES, AND SHALL BE PHENOLIC TAG TYPE FOR PANELS, XFMR's, PULL BOXES, ETC.; PHENOLIC TAGS SHALL BE RED IN COLOR WHERE BACKED UP BY GENERATOR
2. ALL PANELS, XFMR's AND PULL BOXES SHALL BE LABELED WITH DEVICE 'NAME', VOLTAGE(S), RATING FOR XFMR's, AND "FED FROM" DATA.
3. ALL SWITCH & OUTLET PLATES SHALL BE LABELED WITH "FED FROM" CIRCUIT DATA (PANEL NAME & CIRCUIT#); ALL GANG SWITCHES SHALL BEAR SWITCH NUMBERS BEGINNING W/#1 ON LEFT OF THE MAIN LIGHTING SWITCH FOR EACH ROOM FOR COORDINATION W/FIXTURE LABELS.
4. ALL (N) OR RETROFITTED LIGHTING FIXTURES SHALL BE LABELED WITH THE "FED FROM" DATA (SWITCH#)
5. ALL CONDUITS EXITING A PANEL BOARD SHALL BE LABELED "CIRCUIT(S) 'X'..." WHERE X IS/ARE THE BREAKER#(S). CONDUITS EXITING XFMR'S SHALL BE LABELED "FEEDER TO <PANEL, DEVICE>", E.G. "FEEDER TO PANEL <panel name>. CONDUITS ENTERING/EXITING A ROOM OR FLOOR SHALL BE LABELED AT THE ENTRY & EXIT (OR IN A SINGLE LOCATION IF OBVIOUS) W/"FED FROM..." & "TO PANEL/XFMR/..."DATA.
6. "FED FROM: DATA = <panel name> <brkr#> EG: "PANEL X/1,3,5")

ELECTRIC LEGEND

- (MI) MECHANICAL INTERLINK
- (M) METER
- CIRCUIT BREAKER
- SERVICE GROUND
- WIRED CONNECTION
- TIMER SWITCH, WATERPROOF
- OUTDOOR LIGHT
- GFI OUTLET, WATERPROOF

ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE 2022 CEC AS WELL AS ALL ADOPTED STANDARDS, APPLICABLE STATE AND LOCAL CODES.
2. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, CONDUCTORS, PULL BOXES, TRANSFORMER PADS, POLE RISERS, AND PERFORM ALL TRENCHING AND BACKFILLING REQUIRED IN THE PLANS.
3. ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED PER PLAN SPECIFICATIONS.
4. ALL CIRCUIT BREAKERS, FUSES, AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTION RATING NOT LESS THAN THE MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED WITH A MINIMUM OF 10,000 A.I.C. OR AS REQUIRED.
5. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES.
6. ELECTRICAL WIRING SHALL BE COPPER #12 AWG MIN WITH TYPE THHN, THWN-2 OR THW-2, INSULATION RATED FOR 90°C DRY OR 70°C WET.
7. ALL OUTDOOR EQUIPMENT SHALL HAVE NEMA 3R ENCLOSURE.
8. ALL BURIED WIRE SHALL RUN THROUGH SCHEDULE 40 PVC CONDUIT UNLESS OTHERWISE NOTED.
9. A GROUND WIRE IS TO BE PULLED IN ALL CONDUITS.
10. WHERE ELECTRICAL WIRING OCCURS OUTSIDE A STRUCTURE AND HAS THE POTENTIAL FOR EXPOSURE TO WEATHER, WIRING SHALL BE IN WATERTIGHT GALVANIZED RIGID STEEL OR FLEXIBLE CONDUIT.
11. WHERE PLANS CALL FOR A NEW ELECTRICAL SERVICE, PRIOR TO SUBMITTING BID, CONTRACTOR SHALL VERIFY PLAN DETAILS WITH THE UTILITY'S SERVICE PLAN & REQ'MTS INCLUDING SERVICE VOLTAGE, METER LOCATION, MAIN DISCONNECTING MEANS, AND AIC REQ'MT, AND SHALL OBTAIN CLARIFICATION FROM THE PROJECT ENGINEER ON ANY DEVIATIONS FOUND IN THESE PLANS.
12. WHERE THESE PLANS SHOW A DC POWER PLANT, THE INSTALLATION OPERATING AT LESS THAN 50 VDC UNGROUNDED, 2-WIRE, SHALL COMPLY WITH ARTICLE 720, AS FOLLOWS:
    A. POWER PLANT SHALL BE SUPPLIED BY THE WIRELESS CARRIER AS A PULL-TAG ITEM AND INSTALLED BY THE CONTRACTOR.
    B. CONDUCTORS SHALL NOT BE SMALLER THAN #12 AWG COPPER MIN, CONDUCTORS FOR BRANCH CIRCUITS SUPPLYING MORE THAN ONE APPLIANCE SHALL BE 10 AWG CU MIN; CONTRACTOR SHALL SIZE CONDUCTORS BASED ON MFGR'S DATA FOR THE APPLIANCES SERVED.
    C. THERE ARE NO DC RECEPTACLES OR LUMINARIES ALLOWED ON THIS PROJECT. ALL CIRCUITS SHALL ORIGINATE AT AN INTEGRATED DOUBLE LUG TAP OR SOCKET TERMINATION ON AN INTEGRATED DC CIRCUIT BREAKER AT AN INDIVIDUAL RECTIFIER MODULE AND TERMINATE AT THE SPECIALIZED LUG ON THE RESPECTIVE APPLIANCE AS A SINGLE RUN OF WIRE WITHOUT SPLICES. ALL DC WIRING SHALL BE LABELED AT THE DC PLANT WITH THE APPLIANCE SERVED AND THE DC VOLTAGE.
    D. ALL CABLING SHALL BE INSTALLED IN A NEAT AND WORKMAN LIKE MANNER AND SUPPORTED BY BUILDING STRUCTURE, EG. (N) CABLE TRAY OVERHEAD, IN SUCH A MANNER THAT THE CABLE WILL NOT BE DAMAGED BY NORMAL USE.

(N) PANEL SCHEDULE

NAMEPLATE : PANEL A			SC LEVEL 65000				VOLTS: 120V/240V, 1ø		
LOCATION : OUTSIDE							BUSS AMPS: 200A		
MOUNTING : H-FRAME							MAIN CB: 200A		
øA	øB	LOAD DESCRIPTION	BKR AMP/ POLE	CIRCUIT NO		BKR AMP/ POLE	LOAD DESCRIPTION	øA LOAD VA	øB LOAD VA
LOAD VA	LOAD VA								
30		SURGE	30/2	1	2	125/2	(N) 6160 V2 CABINET	10500	
	30	" "	" "	3	4	" "	" "		10500
180		GFCI	15/1	5	6	20/1	(N) 6160 V2 GFCI	180	
	300	TECH LIGHT	20/1	7	8	–	BLANK		
		BLANK	–	9	10	–	" "		
		" "	–	11	12	–	" "		
		" "	–	13	14	–	" "		
		" "	–	15	16	–	" "		
		" "	–	17	18	–	" "		
		" "	–	19	20	–	" "		
		" "	–	21	22	–	" "		
		" "	–	23	24	–	" "		
210	330	PHASE TOTALS					PHASE TOTALS	10680	10500
TOTAL VA =	21720	TOTAL AMPS=	91						
TOTAL KVA =	21.72								

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122628 INC:
REVIEWED FOR
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DATE: 1/22/2026

DSA APPROVAL

Issued For:

SF71313M
DSA ELSIE
ALLEN SCHOOL

599 BELLEVUE AVE.
SANTA ROSA, CA 95407

PREPARED FOR

T-Mobile

1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:

NETWORK CONNEX

SITE NO:	SF71313M
PROJECT NO:	N/A
DRAWN BY:	C. COLSTON
CHECKED BY:	N. GEORGE
APPROVED BY:	K. SORENSEN

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
3	01/15/26	DSA P.C.	C.C.
2	10/17/25	CD 100%	C.C.
1	07/30/25	CLIENT REV	C.T.C
0	06/03/25	CD 90%	C.T.C

Licensee:

REGISTERED PROFESSIONAL ENGINEER
RICHARD A. MALONE
12/8/25
No.15161
ELECTRICAL
STATE OF CALIFORNIA

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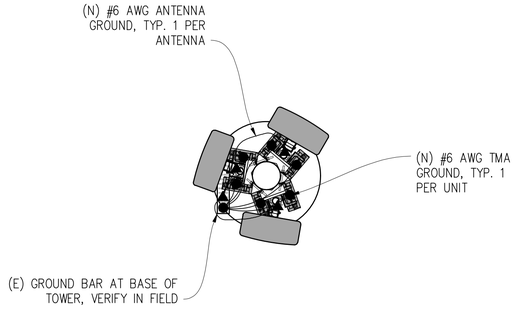
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

SHEET TITLE:

(N) ELECTRICAL PLAN

SHEET NUMBER:

E-1.2



ANTENNA GROUNDING PLAN

½"=1'-0"

GROUNDING LEGEND

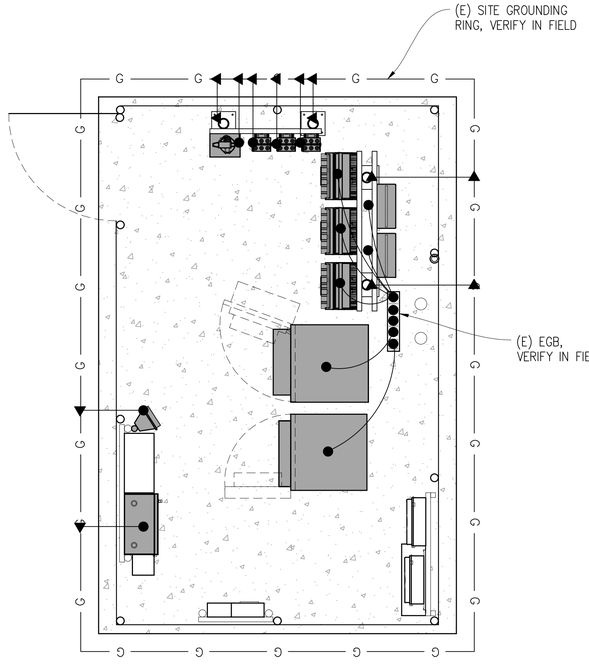
- MECHANICAL CONNECTION
- EXOTHERMIC CADWELD
- TYP. CADWELD INSPECTION WELL
- TYP ⅝" DIA. X 10'-0" LONG COPPER CLAD GROUND ROD @ 10' O.C. MAX & 18" MIN BELOW FINISH GRADE
- GATE GROUNDING STRAP
- G — TYP #2 TINNED BCW UNDERGROUND GND RING @ 18" MIN BELOW FINISH GRADE
- SGI — GROUND WIRE #2 STRANDED GREEN INSULATED WIRE

GROUNDING NOTES

1. GROUNDING SHALL COMPLY WITH CEC ARTICLE 250.
2. USE #2 COPPER STRANDED WIRE WITH GREEN COLOR INSULATION FOR ABOVE GRADE GROUNDING (UNLESS OTHERWISE SPECIFIED) AND #2 SOLID TINNED BARE COPPER WIRE FOR BELOW GRADE GROUNDING AS INDICATED ON THE DRAWING.
3. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
4. EXPOSED GROUNDING CONNECTIONS SHALL BE MADE WITH BURNDY HYGROUND COMPRESSION TYPE CONNECTORS OR EXOTHERMIC WELDS AS SPECIFIED IN THE PLANS.
5. CONNECTIONS TO EQUIPMENT SHALL BE MADE USING STAINLESS STEEL HARDWARE.
6. APPLY BUTYL & ELECTRICAL TAPE OVER COLD SHRINK AT ALL LOCATIONS FOR WEATHER PROOFING OVER COAX GROUND KITS.
7. CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS WITH STAR WASHERS AND NO-OX OR EQUIVALENT PLACED BETWEEN CONNECTOR AND GROUND BAR.
8. ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWISE INDICATED. GROUNDING LEADS SHOULD NEVER BE BENT AT RIGHT ANGLES. ALWAYS MAKE A 12" RADIUS BEND, HOWEVER, #6 WIRE CAN BE BENT AT A 6" RADIUS WHEN NECESSARY.
9. THE SYSTEM GROUND RESISTANCE MUST BE 10 OHMS OR LESS. TO ACHIEVE THIS LEVEL OF RESISTANCE THE CONTRACTOR SHALL PURSUE ONE OF THE FOLLOWING FOUR OPTIONS:

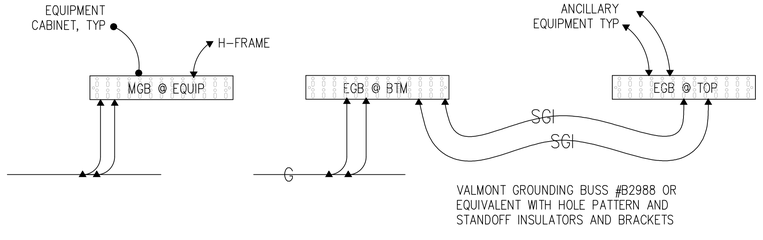
   A. CONNECT TO EXISTING GROUNDING SYSTEMS
   B. CONNECT TO BUILDING STEEL COLUMNS
   C. INSTALL A NEW GROUNDING SYSTEM

   UPON COMPLETION OF THE GROUNDING INSTALLATION THE CONTRACTOR SHALL EMPLOY AN OWNER APPROVED 3RD PARTY TO CONDUCT A "FALL OF POTENTIAL" TEST AND SUBMIT A REPORT OF SUCH TEST FOR APPROVAL TO EITHER THE OWNER OR CONSTRUCTION MANAGER.



EQUIPMENT GROUNDING PLAN

½"=1'-0"



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SHEET TITLE:

GROUNDING PLANS & DETAILS

SHEET NUMBER:

E-1.3