



## CITY OF STOCKTON

---

### COMMUNITY DEVELOPMENT DEPARTMENT

345 North El Dorado Street • Stockton, CA 95202-1997 • (209) 937-8266 • Fax (209) 937-8893

December 29, 2022

Crown Castle  
Brigitte Porter  
8445 Sierra College Blvd, Suite E  
Granite Bay, CA 95746  
brigitte@streamlineeng.com

RE: Application for Minor Design Review, Site Plan Review, and Administrative Exception #P21-0752  
(2164 E Dr Martin Luther King Jr Blvd; APN: 171-370-03)

Applicant,

This letter provides the City of Stockton's approval of Minor Design Review, Site Plan Review, and Administrative Exception Application No. P21-0752 for the installation of a new Wireless Communication Facility, at 2164 East Dr Martin Luther King Jr Boulevard (Charter Way), located in the Commercial, General (CG) Zoning district, herein referred to as the "Project." The Project will consist of the removal of an existing monopole Wireless Communication Facility and the installation of a new stealth Wireless Communication Facility with the incorporation of a stealth design. The Administrative Exception will allow the new stealth Wireless Communication Facility height to be increased by the maximum allowed 10%, to achieve a total height of 82'-0" tall. This approval is based on the following findings and requirements.

#### Design Review

Pursuant to §16.120.050(D)(1) of the Stockton Municipal Code (SMC), the project has been reviewed by Staff for compliance with the Citywide Design Guidelines and the Development Code standards. As a result of this review, staff recommends approval. The Director confirms staff's recommendation based on the original findings and project-specific requirements described below.

#### Site Plan Review Committee

On May 18, 2022 and in conformance with SMC §16.152.010, the Site Plan Review Committee (SPRC) reviewed the revised Project and made a recommendation to the Director that the project is in compliance with the requirements of SMC §16.152.010 and approval should be granted. The Director concurs with the SPRC recommendation and hereby issues approval.

## **Design Review Findings**

### Citywide Design Guidelines Consistency

1. *Finding: The proposed development is consistent with all applicable provisions of this Development Code and other applicable City ordinances. (SMC §16.120.060(A))*
2. *Finding: The general design considerations, including the character, quality, and scale of design are consistent with the purpose/intent of this chapter and the Guidelines and other design guidelines that may be adopted by the City. (SMC §16.120.060(B))*
3. *Finding: The architectural design of structures and their materials and colors are visually compatible with surrounding development. Design elements (e.g., awnings, exterior lighting, screening of equipment, signs, etc.) have been incorporated into the project to further ensure its compatibility with the character and uses of adjacent development, and/or between the different types of uses in a mixed-use development. (SMC §16.120.060(C))*
4. *Finding: The location and configuration of structures are compatible with their sites and with surrounding sites and structures and do not unnecessarily block views from other structures or dominate their surroundings. (SMC §16.120.060(D))*
5. *Finding: The general landscape design, including the color, coverage, location, size, texture, and type of plant materials, provisions for irrigation, planned maintenance, and protection of landscape elements have been considered to ensure visual relief, to complement structures, and to provide an attractive environment. (SMC §16.120.060(E))*
6. *Finding: The design and layout of the proposed project will not interfere with the use and enjoyment of neighboring existing or future development and will not result in vehicular or pedestrian hazard. (SMC §16.120.060(F))*
7. *Finding: The building design and related site plans, including on-site parking and loading, has been designed and integrated to ensure the intended use will best serve the potential users or patrons of the site. (SMC §16.120.060(G))*
8. *Finding: Special requirements or standards have been adequately incorporated, when applicable, into the building and/or site design (e.g., American Disabilities Act regulations, historic preservation, mitigation measures, open space, utilities, etc.). (SMC §16.120.060(H))*

### **Administrative Exception Findings**

1. *The granting of the exception will enable the site to be utilized in such a way as to not create a hardship in meeting a specific standard. (SMC §16.112.050(A))*

Pursuant to SMC §16.44.040 (Wireless Communications Facilities) the standard maximum allowed height is 75'-0". An Administrative Exception would allow a 10% height increase to a maximum height of 82'-6". The proposed project height of 82'-0" is permitted with an Administrative Exception. Increasing the project height from 75'-0" feet to 82'-0" will allow for collocation of other carriers, which will limit the need for additional wireless facilities in the area. Granting the exception to

increase the height of the wireless facility from 75'-0" to 82'-0" does not prevent the project from conforming with all other applicable development standards and its stealth design achieves the goal of screening from the public right-of-way due to its orientation in the existing park.

2. *The subject site would be physically suitable for the proposed administrative exception. (SMC §16.112.050(B))*

The subject site is zoned Commercial General (CG), which allows minor wireless facilities by right per SMC §16.20.020 (Allowable land uses and permit requirements). The subject site has a Wireless Facilities approval (WF015-06) and has been developed and served by existing utilities. The project provides setbacks, landscaping, and parking as required by Government Code §65915(p)(3)(C). All of this is accomplished in conformance with all applicable development standards; thereby, demonstrating the site is physically suitable for the Project.

3. *The granting of the exception, with conditions that are imposed, will not be detrimental to the public convenience, health, interest, safety, or general welfare of the City or injurious to the property or improvements in the zone or neighborhood in which the property is located. (SMC §16.112.050(C))*

The Project concerns the increase in the maximum height for a new stealth wireless facility in a Commercial General (CG) zone, which is necessary to construct the facility to maximize its use to serve the surrounding area. Granting the exception to increase the height will not be detrimental to public convenience, health, interest, safety, or general welfare of the City, or injurious to the property or improvements in the zone or neighborhood in which the Project is located.

4. *The granting of the exception will be consistent with the general land uses, objectives, policies and programs of the General Plan, any applicable specific plan, precise road plan, or master development plan, and the intent of this Development Code. (SMC §16.112.050(D)).*

Granting the exception, would be consistent with the general land uses, objectives, policies, and programs of the General Plan, and the intent of this Development Code. The granting of this exception is related to a minimal increase in the maximum structure height.

### **Project- Specific Requirements**

#### Design Review, Site Plan Review, Administrative Exception

1. The project approved by this action shall conform to the plans, elevations, and color/material board included as Exhibits A and B.
2. The replacement Monopine Cassion to replace the existing Wireless Communication Facility shall be composed of an (8') eight-foot diameter, as specified in Exhibit A.
3. The approved foliage type for the new Stealth Wireless Communication Facility is Pine 70% Green/30% Brown Foliage specified in Exhibit B.
4. The new (6') six-foot tall CMU wall shall be composed of masonry as previously approved in WF015-06.

5. The connex storage container on-site shall be removed or a Temporary Activity Permit pursuant to SMC §16.164.030 shall be required for the existing accessory structure.
6. Prior to Building Permit submittal, a 20' access easement shall be recorded on the west side of the subject parcel with the Engineering Division, as specified in Exhibit A. All work performed in the City public right-of-way or within utility easements shall be subject to the appropriate Engineering permits. A copy of the recorded easement shall be required at time of Building Permit submittal.
7. Submit the appropriate Building and Fire permits for any alterations to the wireless facility and equipment on site.
8. The maximum height of the wireless facility located at this site shall not exceed 82'-6" as specified in Exhibit A.
9. The installation of the new stealth Wireless Communication Facility shall not expand outside the footprint of the existing wireless facility enclosure location.

#### **Standard Requirements**

10. Changes to the approved plans shall be reviewed in accordance with Stockton Municipal Code §16.04 (Changes to an Approved Project).
11. Plans submitted for purposes of building permit(s) shall reflect compliance with the American Disabilities Act and standards at Development Code Table 2-3, including all other aspects of Municipal Code Title 16 (Development Code), as applicable.
12. The use shall be carried out in compliance with all applicable Federal, State, County and City codes, regulations and adopted standards and pay all applicable fees.
13. Compliance with these requirements is mandatory. Failure to comply with these requirements is unlawful, constitutes a public nuisance, and is subject to the remedies and penalties identified in the Stockton Municipal Code, including but not limited to, monetary fines and revocation or modification of said Design Review, Site Plan Review, and Administrative Exception approval.
14. This approval shall be come void unless the required building permit is submitted within 12 months of the approvals effective date. An extension may be requested in accordance with SMC §16.120.080(D).
15. All work performed under a building permit for which drawings and plans have been approved under the procedures and requirements of SMC §16.120.010 shall conform to the approved drawings and plans. The signed and/or stamped plans shall be submitted before, or at the same time as, the building permit application.
16. This approval shall become void unless the required building permit application is submitted within 12 months of the design review being issued. An extension may be requested in conformance with SMC §16.96 (Expirations and Extensions); however, any extension shall be in compliance with the



requirements of this Development Code and adopted design guidelines in effect at the time of the extension request.

### **California Environmental Quality Act**

The Site Plan Review and Design Review are Categorically Exempt from the California Environmental Quality Act (CEQA) Guidelines §15268 (Ministerial Projects). Site Plan Review approvals are ministerial actions as stated in SMC §16.152.050(C)(5) (Ministerial Action) that are not subject to SMC §16.88.040 (Environmental Determination). Design Review is a ministerial action as well given the proposed use is allowed by-right (see SMC §16.120.040(A) and §16.120.050(D)(1)(a)).

This Administrative Exception is Categorically Exempt from CEQA pursuant to CEQA Guidelines §15302 (Class 2, Replacement or Reconstruction) Replacement because the project entails the replacement of an existing wireless facility tower with a new tower at the same site, which will have substantially the same purpose and capacity.

### **Conclusion**

The Site Plan Review aspect of this decision is effective immediately. The Design Review aspect of this decision is appealable to the Planning Commission in accordance with SMC §16.120.080(A) and Chapter §16.100 (Appeals). An appeal must be made to the Community Development Department in writing within (10) ten days and accompanied by the requisite fee. The Site Plan Review aspect of this decision is effective immediately. The Design Review approval shall become valid (10) ten days after approval unless the action is appealed.

The Administrative Exception is appealable to the Planning Commission in accordance with SMC §16.112.080(A) and Chapter §16.100 (Appeals). An appeal must have been made in writing to the Community Development Department within (10) ten days and accompanied by the requisite fee.

If you have any questions, please do not hesitate to contact me at [Adrina.Cholula@stocktonca.gov](mailto:Adrina.Cholula@stocktonca.gov) or (209) 937-8605.

Regards,



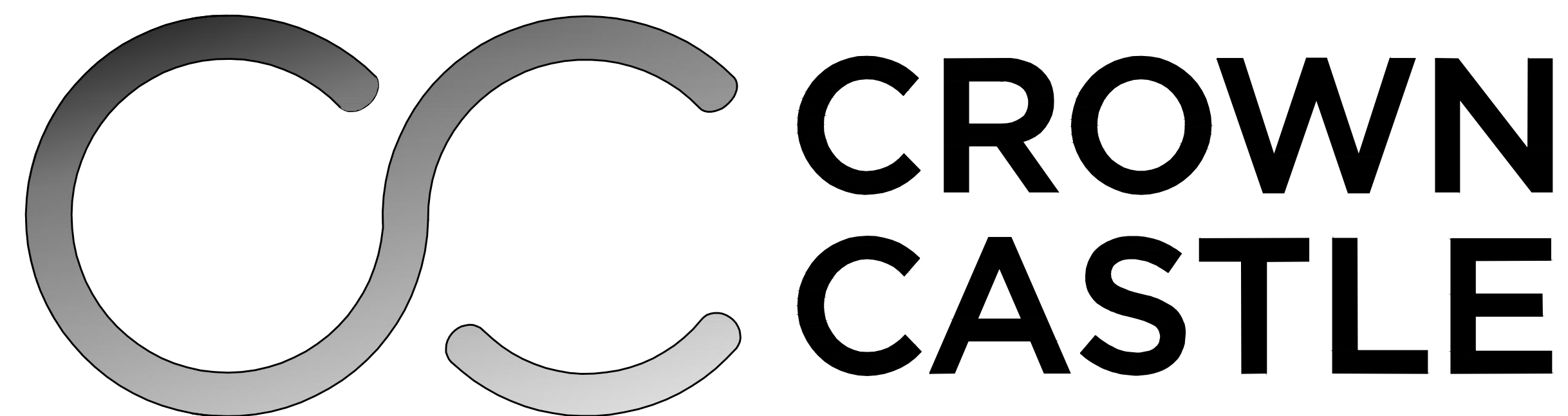
Adrina Cholula, Assistant Planner  
City of Stockton  
Community Development Department

### **Attachments:**

**Exhibit A** – Project Plans

**Exhibit B** – Color/Materials





# CROWN CASTLE

SR572 CANO FUNERAL HOME

2164 DR MARTIN LUTHER KING JR BLVD.

STOCKTON, CA 95205

BUN 828147

T-MOBILE WEST LLC



SR572 CANO FUNERAL HOME

PROJECT - CELL TOWER REPLACEMENT  
& T-MOBILE EQUIPMENT UPGRADE

2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205

SC13310B

RFDS VER#: 4

SR572 CANO FUNERAL HOME

828147

2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205

ISSUE STATUS

DATE	DESCRIPTION	
05/12/21	CD 90%	-
06/08/21	CD 95%	C.T.C
07/13/22	PLAN COMMENTS	C.T.C
-	-	-
-	-	-
-	-	-

DRAWN BY: -

CHECKED BY: -

APPROVED BY: -

DATE: 07/13/2022

**Streamline Engineering and Design, Inc.**  
 8445 Sierra College Blvd, Suite E Granite Bay, CA 95746  
 Contact: Kevin Sorensen Phone: 916-660-1930  
 E-Mail: kevin@streamlineeng.com Fax: 916-660-1941  
THESE PLANS AND ANY OTHER DOCUMENTS OR MATERIALS MADE IN CONNECTION WITH THESE ENGINEERING AND DESIGN SERVICES ARE THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGN, INC. AND ARE NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT 2008, STREAMLINE ENGINEERING AND DESIGN, INC. ALL RIGHTS RESERVED.

PRELIMINARY:  
NOT FOR  
CONSTRUCTION  
KEVIN R. SORENSEN  
S4469

**CROWN CASTLE**  
 ONE PARK PLACE, SUITE 300  
 DUBLIN, CA 94568

SHEET TITLE:  
TITLE SHEET  
SHEET NUMBER:  
**T-1**

PROJECT DESCRIPTION

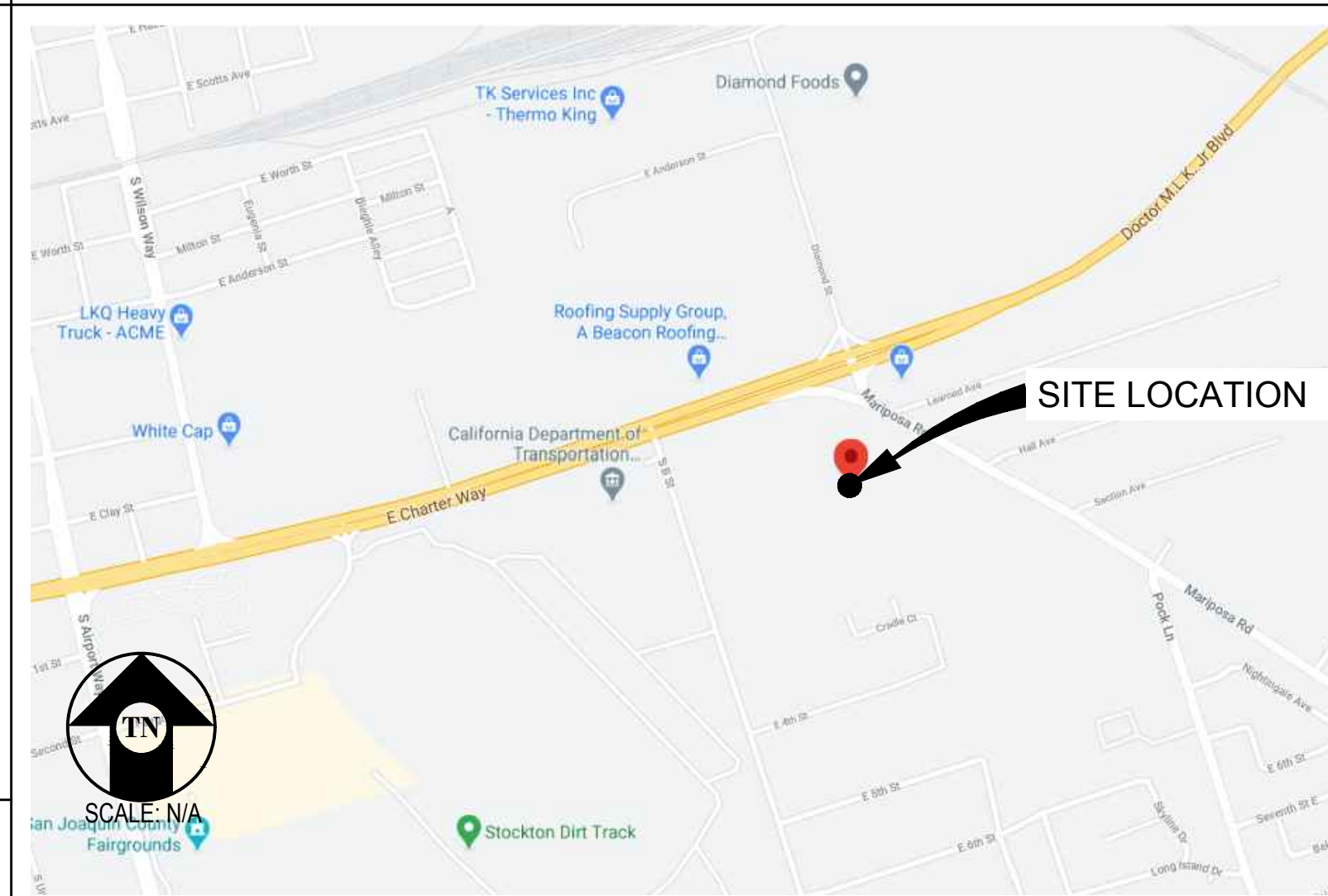
A MODIFICATION TO AN (E) UNMANNED CROWN CASTLE TELECOMMUNICATION FACILITY CONSISTING OF:

- REMOVING (E) RBS 6102 CABINET
- REMOVING (E) RBS 3106 CABINET
- REMOVING (E) CABLE TRAY
- REMOVING (3) (E) RRUS-11 UNITS
- REMOVING (6) (E) TMAS @ ANTENNAS
- REMOVING (3) (E) ANTENNAS
- REMOVING (12) (E) 7/8" COAX CABLES
- REMOVING & REPLACING (E) GEN PLUG W/ (N) 200A GENERATOR INTERSECT
- REMOVING & REPLACING (E) CROWN CASTLE MONOPOLE W/ (N) 82" CROWN CASTLE MONOPINE
- REMOVING & REPLACING (E) CROWN CASTLE CMU SECTION W/ (N) CMU WALL SECTION
- INSTALLING (N) T-MOBILE ENCLOSURE 6160 CABINET
- INSTALLING (N) T-MOBILE ENCLOSURE B160 BATTERY CABINET
- INSTALLING (N) ICE BRIDGE
- INSTALLING (N) DOUBLE TRI-SECTOR COLLAR W/ T-ARMS
- INSTALLING (6) (N) T-MOBILE ANTENNAS
- INSTALLING (3) (N) RRUS-4480 B71/B85 UNITS @ ANTENNAS
- INSTALLING (3) (N) RRUS-4460 B25/B66 UNITS @ ANTENNAS
- INSTALLING (3) (N) 6X24 HYBRID CABLES
- INSTALLING (N) 20'-0" WIDE AC PAVED ACCESS ROAD

PROJECT INFORMATION

SITE NAME:	SR572 CANO FUNERAL HOME	CROWN BU#:	82147
COUNTY:	SAN JOAQUIN	JURISDICTION:	SAN JOAQUIN COUNTY
APN:	171-370-04	POWER:	PG&E
SITE ADDRESS:	2164 DR MARTIN LUTHER KING JR BLVD STOCKTON, CA 95205	LATITUDE:	N 37° 56' 35.04" NAD 83
CURRENT ZONING:	CG-COMMERCIAL GENERAL	LONGITUDE:	W 121° 15' 20.44" NAD 83
CONSTRUCTION TYPE:	V-B	AMSL:	±21
OCCUPANCY TYPE:	U, (UNMANNED COMMUNICATIONS FACILITY)		
PROPERTY OWNER:	ULYSSES ASSET SUB II LLC 116 HUNTINGTON AVE. BOSTON, MA 02116		
APPLICANT:	CROWN CASTLE ONE PARK PLACE, SUITE 300 DUBLIN, CA 94568		
CROWN CASTLE PROJECT MANAGER:	ATTN: BELINDA LIVINGSTON (801) 362-8720		
CROWN CASTLE D&S PROJECT MANAGER:	ATTN: BRIAN LEEGWATER (925) 737-1016		
ZONING CONTACT:	STREAMLINE ENGINEERING & DESIGN, INC ATTN: LISA ELLIOTT (209) 605-2736		
CONSTRUCTION CONTACT:	CROWN CASTLE ATTN: DAVID WARREN DAVID.WARREN@CROWNCastle.COM (918) 938-1141		

VICINITY MAP



DRIVING DIRECTIONS

- FROM: ONE PARK PLACE, SUITE 300, DUBLIN, CA 94568  
 TO: 2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205
1. START OUT GOING SOUTH ON PARK PL TOWARD DUBLIN BLVD. 0.06 MILES
  2. TURN LEFT ONTO DUBLIN BLVD. 0.12 MILES
  3. TURN RIGHT ONTO HACIENDA DR. 0.35 MILES
  4. MERGE ONTO I-580 E TOWARD STOCKTON. 18.13 MILES
  5. MERGE ONTO I-205 E VIA EXIT 65 ON THE LEFT TOWARD STOCKTON/TRACY. 14.52 MILES
  6. STAY STRAIGHT TO GO ONTO I-5 N. 11.66 MILES
  7. TAKE THE CA-4 W/CHARTER WAY EXIT, EXIT 471. 0.22 MILES
  8. KEEP RIGHT TO TAKE THE RAMP TOWARD ANGELS CAMP. 0.06 MILES
  9. MERGE ONTO W DR MARTIN LUTHER KING JR BLVD. 2.19 MILE
- END AT: 2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205
- ESTIMATED TIME: 49 MINUTES ESTIMATED DISTANCE: 47.3 MILES

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:

- 2019 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, VOLUME 1&2, TITLE 24 C.C.R. (2018 INTERNATIONAL BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R. (2018 UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2018 UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
- 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
- 2019 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

SHEET	DESCRIPTION	REV
T-1	TITLE SHEET	1
T-2	NOTES	-
A-1	OVERALL SITE PLAN & SITE PLAN	1
A-2	EQUIPMENT PLAN & DETAILS	1
A-3	ANTENNA PLAN & DETAILS	1
A-4	ELEVATIONS	1
A-5	ELEVATIONS	1
S-1	STRUCTURAL DETAILS	1
E-1	ELECTRICAL PLAN	-
E-2	GROUNDING PLAN & DETAILS	1

APPROVAL

RF
LEASING
ZONING
CONSTRUCTION
T-MOBILE



PROJECT GENERAL NOTES

- THIS FACILITY IS AN UNOCCUPIED WIRELESS TELECOMMUNICATION FACILITY.
- PLANS ARE NOT TO BE SCALED AND ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE.
- THE SCOPE OF WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- 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.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PAY FOR PERMIT FEES, AND TO OBTAIN SAID PERMITS AND TO COORDINATE INSPECTIONS.
- THE CONTRACTOR SHALL RECEIVE, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
- CALL BEFORE YOU DIG. CONTRACTOR IS REQUIRED TO CALL 811 (NATIONWIDE "CALL BEFORE YOU DIG" HOTLINE) AT LEAST 72 HOURS BEFORE DIGGING.
- 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.
- 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.
- 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.
- 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.
- 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.
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND ALL OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK SHALL BE PROTECTED AT ALL TIMES.
- 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.
- THE CONTRACTOR SHALL PROVIDE A TOILET FACILITY DURING ALL PHASES OF CONSTRUCTION.
- 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.
- THE CONTRACTOR TO VERIFY THE LATEST/CURRENT RF DESIGN.
- 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.

CONSTRUCTION NOTES

- 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.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL NOT ALTER, DAMAGE OR REMOVE ANY PART OF THE EXISTING STRUCTURE UNLESS SPECIFICALLY DETAILED ON THESE DRAWINGS.
- THE INTENT OF THESE DRAWINGS IS THAT THE WORK OF THE ADDITION, ALTERATION, REHABILITATION, OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH THE 2019 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 2019 CBC, A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE PREPARED AND SUBMITTED TO AND APPROVED BY THE BUILDING DEPARTMENT PRIOR TO PROCEEDING WITH THE WORK.
- ALL WORK AND MATERIALS SHOWN ARE NEW UNLESS INDICATED AS EXISTING (E).
- 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.
- ALL WEATHER PROOFING, INCLUDING BUT NOT LIMITED TO TORCH DOWNS, 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.
- 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. SUCH REVIEW SHALL BE BILLED ON A TIME AND MATERIALS BASIS TO THE CONTRACTOR WITH NO GUARANTEE THAT THE SUBSTITUTION WILL BE ALLOWED.
- 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

- 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.
- 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).
- 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)
- THE INSPECTOR SHALL SUBMIT A WRITTEN REPORT TO THE OWNER.
- 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

- 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 2019 CBC.
- ALL STRUCTURAL STEEL SHALL BE ASTM A36 UNLESS OTHERWISE NOTED. ALL WF (WIDE FLANGE) & WT (TEE) SHAPES TO BE ASTM A992 (F<sub>y</sub>=50,000 PSI) UNLESS NOTED OTHERWISE. ALL STRUCTURAL TUBING (TS OR HSS) SHALL BE ASTM A500 GRADE B (F<sub>y</sub>=46,000 PSI). ALL STEEL PIPE SHALL BE ASTM A53 (TYPE E OR S, GRADE B (F<sub>y</sub>=35,000 PSI)) SCHEDULE 40 WITH OUTSIDE DIAMETERS GIVEN UNLESS OTHERWISE NOTED.
- ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES UNLESS OTHERWISE NOTED AND SHALL CONFORM TO AISC & AWS D1.4. 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.
- ALL WELDING SHALL BE PERFORMED BY QUALIFIED, CERTIFIED WELDERS.
- HIGH STRENGTH BOLTS SHALL BE GALVANIZED ASTM F3125/F3125M GRADE A325 MINIMUM. BOLTED CONNECTIONS SHALL BE BEARING TYPE. SEE PLANS FOR LOCATION, NUMBER, & SIZE OF BOLTS.
- HIGH STRENGTH BOLT NUTS SHALL BE ASTM A563/A563M AND WASHERS SHALL BE ASTM F436/ F436M.
- THREADED RODS SHALL BE SAE J429, GRADE 2 U.O.N.
- 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.
- 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.
- 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.
- AT ALL WEB STIFFENER PLATES LEAVE 3/4"Ø (OR K, WHICHEVER IS LARGER) HOLE @ WEB/FLANGE INTERSECTION UNLESS NOTED OTHERWISE.
- U-BOLTS AT ANTENNA & RRU MOUNT TO BE GALVANIZED SAE J429, GRADE 2 WITH J995 NUTS U.O.N.
- ALL STRUT MEMBERS USED IN EXTERIOR APPLICATIONS SHALL BE HOT DIPPED GALVANIZED PER ASTM A123 OR ASTM A153.
- 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

- EXPANSION AND EPOXY ANCHORS SHALL BE IN CONFORMANCE WITH ALL REQUIREMENTS OF THE 2019 CALIFORNIA BUILDING CODE (CBC).
- ALL ANCHORS PROVIDED SHALL BE INCLUDED IN EVALUATION REPORTS OF THE INTERNATIONAL CODE COUNCIL (ICC), AND SHALL BE EVALUATED FOR 2018 IBC MINIMUM REQUIREMENTS IN THE ICC REPORT
- CONCRETE EXPANSION ANCHORS SHALL BE KWIK BOLT T22 BY HILTI, INC., TULSA, OKLAHOMA AS PER ICC REPORT NO. ESR-4266 OR APPROVED EQUIVALENT.
- CMU EXPANSION ANCHORS SHALL BE KWIK BOLT T22 BY HILTI, INC., TULSA, OKLAHOMA AS PER ICC REPORT NO. ESR-4561 OR APPROVED EQUIVALENT. ANCHORS SHALL BE INSTALLED A MINIMUM OF 1 1/8" FROM ANY VERTICAL MORTAR JOINT TYPICAL. ANCHORS TO BE SPACED 8 INCHES ON CENTER MINIMUM AND LIMITED TO ONE ANCHOR PER CELL.
- 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.
- GROUT FILLED CMU ADHESIVE EPOXY ANCHORS SHALL BE HIT-HY 200 BY HILTI, INC., TULSA, OKLAHOMA AS PER ICC REPORT NO. ESR-3963 OR APPROVED EQUIVALENT.
- INSTALL EXPANSION AND EPOXY ANCHORS WITH SPECIAL INSPECTION IN ACCORDANCE WITH THE 2019 CBC, TABLE 1705.3, AND ALL REQUIREMENTS OF THE MANUFACTURER, THE MANUFACTURER'S ICC APPROVAL AND THESE DRAWINGS.
- EXPANSION ANCHORS SHALL BE 304/316 STAINLESS STEEL U.O.N. EPOXY ANCHOR THREADED ROD SHALL BE ASTM F593 CW1 (316) (1/4" TO 5/8") OR F593 CW2 (316) (3/4" TO 1 1/2") STAINLESS STEEL U.O.N.
- LOCATE AND AVOID REINFORCEMENT AND OTHER EMBEDDED ITEMS WHEN INSTALLING ANCHORS, TYPICAL. SEE CONCRETE CORE DRILLING NOTES FOR ADDITIONAL INFORMATION.
- THE SPECIAL INSPECTOR MUST MAKE PERIODIC INSPECTIONS DURING ANCHOR INSTALLATION TO VERIFY ANCHOR TYPE AND DIMENSIONS, CONCRETE 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.
- 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:

**KB T22:**

CONCRETE TORQUE TEST VALUES:
3/8"=30 FT LB    1/2"=40 FT LB    5/8"=60 FT LB    3/4"=125 FT LB

CMU TORQUE TEST VALUES:
3/8"=15 FT LB    1/2"=25 FT LB    5/8"=35 FT LB    3/4"=50 FT LB

**EPOXY ANCHOR:**

CONCRETE TORQUE TEST VALUES:
1/2"=30 FT LB

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

CFC CHAPTER 12 COMPLIANCE

TOTAL = 12 BATTERIES X 2.28 kWh/BATTERY = 27.36 kWh  
(SINCE LESS THAN 70kWh OF CAPACITY, CFC CHAPTER 12, SECTIONS 1206.2.1-1206.2.12.6 NOT APPLICABLE)

BATTERY INFORMATION (BATTERY CAPACITY DATA-12V MONOBLOCKS)

BATTERY MODEL	TOTAL # OF BATTERY UNITS INSTALLED	AMP HOURS PER UNIT	TOTAL VOLTS PER UNIT	TOTAL kWh # OF BATTERIES x AMP HOURS PER UNIT x VOLTS PER UNIT / 1000
NORTHSTAR 210FT	12	210Ah	12V	12 x 210Ah x 12V/1000 = 27.36 kWh < 70kWh

BATTERY DATA CHART

ANTENNA SCHEDULE

SECTOR	TECHNOLOGY	ANTENNA MODEL	RAD CENTER	AZIMUTH	RADIO UNIT		CABLING							
					RRU MODEL	NO. OF RRU'S	NO. OF JUMPERS	JUMPER LENGTH	NO. OF HYBRID CABLES	HYBRID CABLE LENGTH	NO. OF COAX CABLES	COAX DIA.	COAX LENGTH	
ALPHA SECTOR	A1	L600/L700/N600/L2100/L1900/G1900	RFS-APXVAALL24_43-U-NA20	72'-0"	0'	RRUS-4480 B71/B85 RRUS-4460 B25/B66	2	8	10'	1	165'	-	-	-
	A2	L2500/N2500	ERICSSON AIR6449 B41	72'-0"	0'	-	-	4	10'	-	-	-	-	-
BETA SECTOR	B1	L600/L700/N600/L2100/L1900/G1900	RFS-APXVAALL24_43-U-NA20	72'-0"	120'	RRUS-4480 B71/B85 RRUS-4460 B25/B66	2	8	10'	1	165'	-	-	-
	B2	L2500/N2500	ERICSSON AIR6449 B41	72'-0"	120'	-	-	4	10'	-	-	-	-	-
GAMMA SECTOR	C1	L600/L700/N600/L2100/L1900/G1900	RFS-APXVAALL24_43-U-NA20	72'-0"	240'	RRUS-4480 B71/B85 RRUS-4460 B25/B66	2	8	10'	1	165'	-	-	-
	C2	L2500/N2500	ERICSSON AIR6449 B41	72'-0"	240'	-	-	4	10'	-	-	-	-	-

**SR572 CANO FUNERAL HOME**

**828147**  
2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205

ISSUE STATUS

Δ	DATE	DESCRIPTION	
	05/12/21	CD 90%	-
	06/08/21	CD 95%	C.T.C
Δ	07/13/22	PLAN COMMENTS	C.T.C
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: -

CHECKED BY: -

APPROVED BY: -

DATE: 07/13/2022

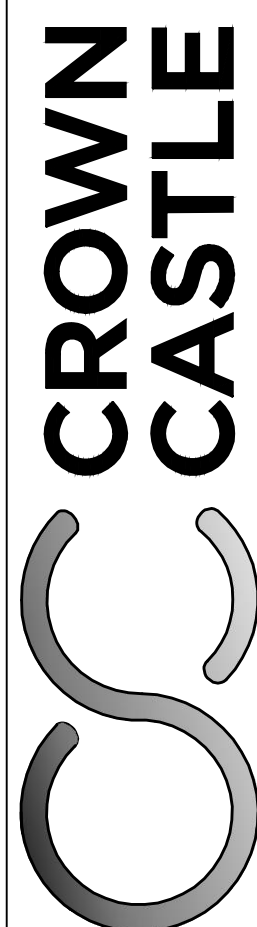


**Streamline Engineering and Design, Inc.**  
8448 Sierra College Blvd, Suite E Granite Bay, CA 95746  
Contact: Kevin Sorenson Phone: 916-660-1930  
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY STREAMLINE ENGINEERING AND DESIGN, INC. WHERE THE PROJECTS FOR WHICH THEY ARE MADE ARE EXECUTED OR NOT, THESE PLANS AND SPECIFICATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE ENGINEER. COPYRIGHT 2008, STREAMLINE ENGINEERING AND DESIGN, INC. ALL RIGHTS RESERVED.

**PRELIMINARY:  
NOT FOR  
CONSTRUCTION**

KEVIN R. SORENSON  
S4469



ONE PARK PLACE, SUITE 300  
DUBLIN, CA 94568

SHEET TITLE:

NOTES

SHEET NUMBER:

**T-2**

**SR572 CANO FUNERAL HOME**  
 828147  
 2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205

**ISSUE STATUS**

DATE	DESCRIPTION	
05/12/21	CD 90%	-
06/08/21	CD 95%	C.T.C
07/13/22	PLAN COMMENTS	C.T.C
-	-	-
-	-	-
-	-	-

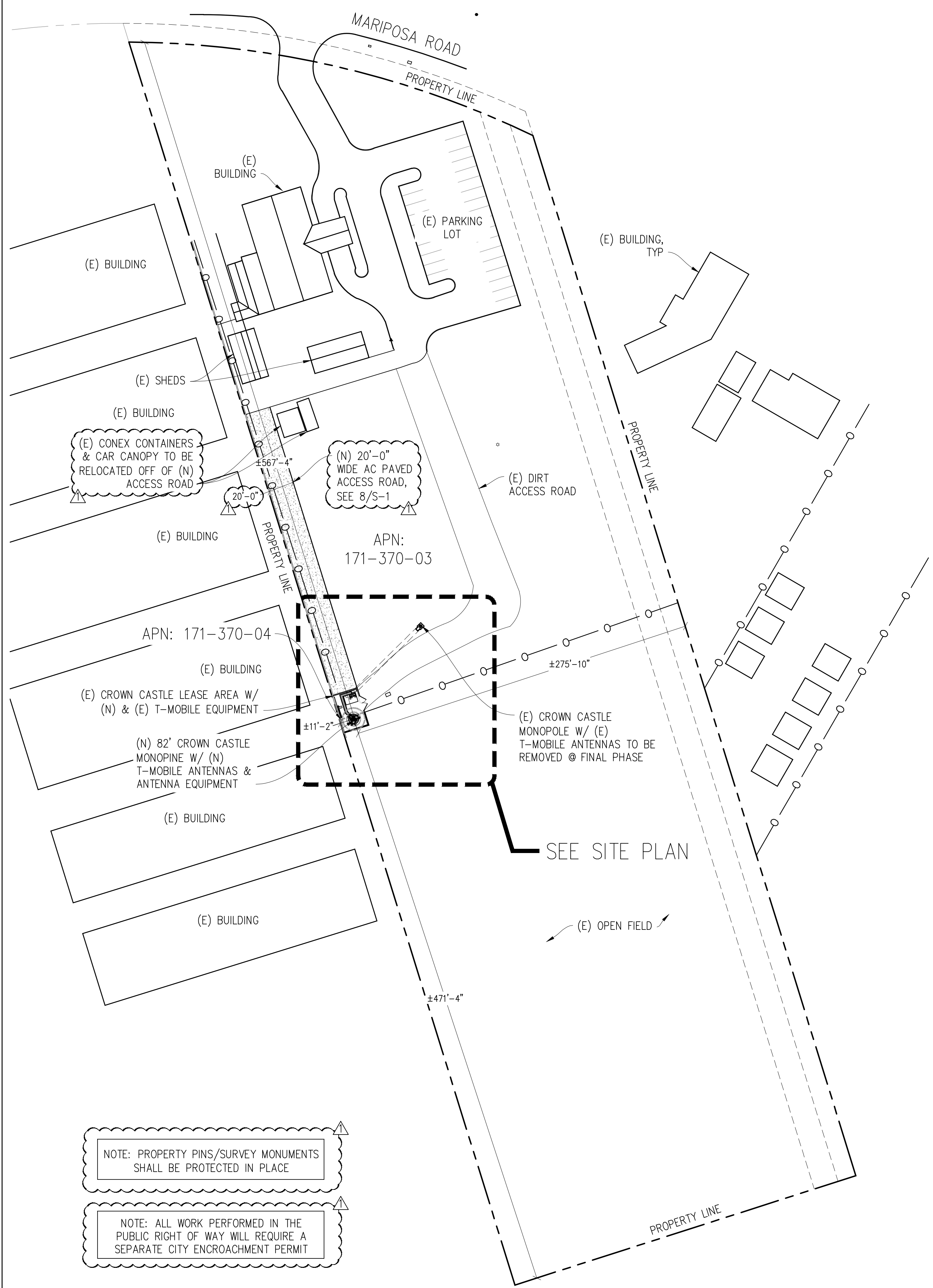
DRAWN BY: -  
 CHECKED BY: -  
 APPROVED BY: -  
 DATE: 07/13/2022

**Streamline Engineering and Design, Inc.**  
 8445 Sierra College Blvd, Suite E Granite Bay, CA 95746  
 Contact: Kevin Sorensen Phone: 916-660-1930  
 E-Mail: kevin@streamlineeng.com Fax: 916-660-1941  
THIS PLAN AND ANY OTHER INSTRUMENTS PREPARED BY STREAMLINE ENGINEERING AND DESIGN, INC. ARE THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGN, INC. AND SHALL REMAIN THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGN, INC. WHETHER THE PROJECTS FOR WHICH THE ARE MADE ARE EXECUTED OR NOT. THESE INSTRUMENTS SHALL BE RETURNED TO STREAMLINE ENGINEERING AND DESIGN, INC. UPON COMPLETION OF THE PROJECTS FOR WHICH THEY WERE PREPARED. ALL RIGHTS RESERVED.

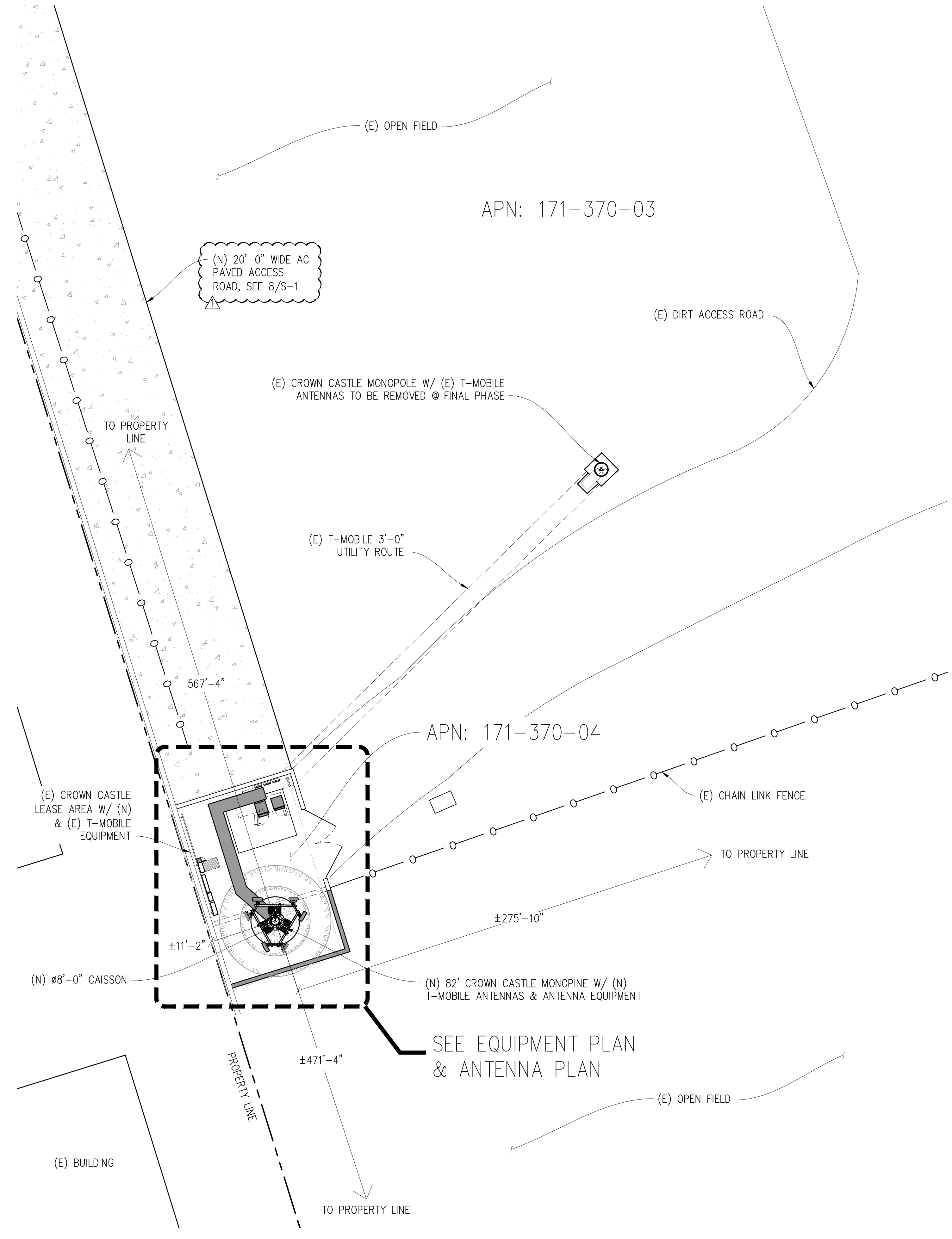
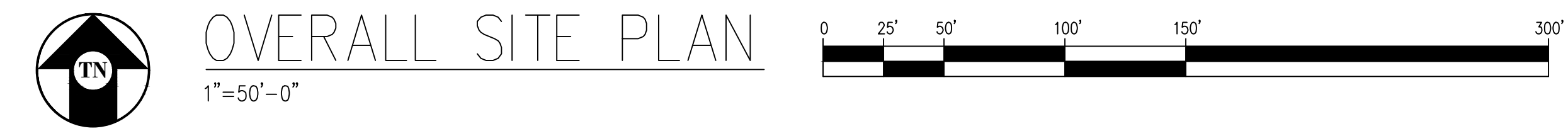
**PRELIMINARY:  
 NOT FOR  
 CONSTRUCTION**  
 KEVIN R. SORENSEN  
 S4469

**CROWN CASTLE**  
 ONE PARK PLACE, SUITE 300  
 DUBLIN, CA 94568

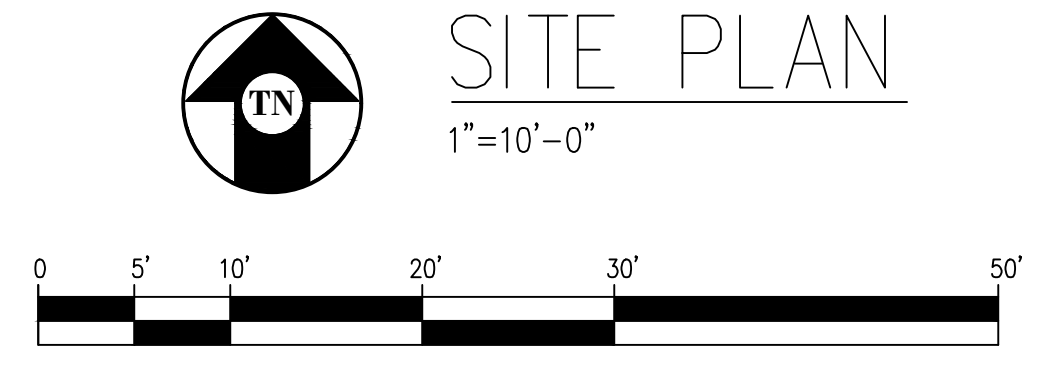
SHEET TITLE:  
**OVERALL SITE PLAN & SITE PLAN**  
 SHEET NUMBER:  
**A-1**



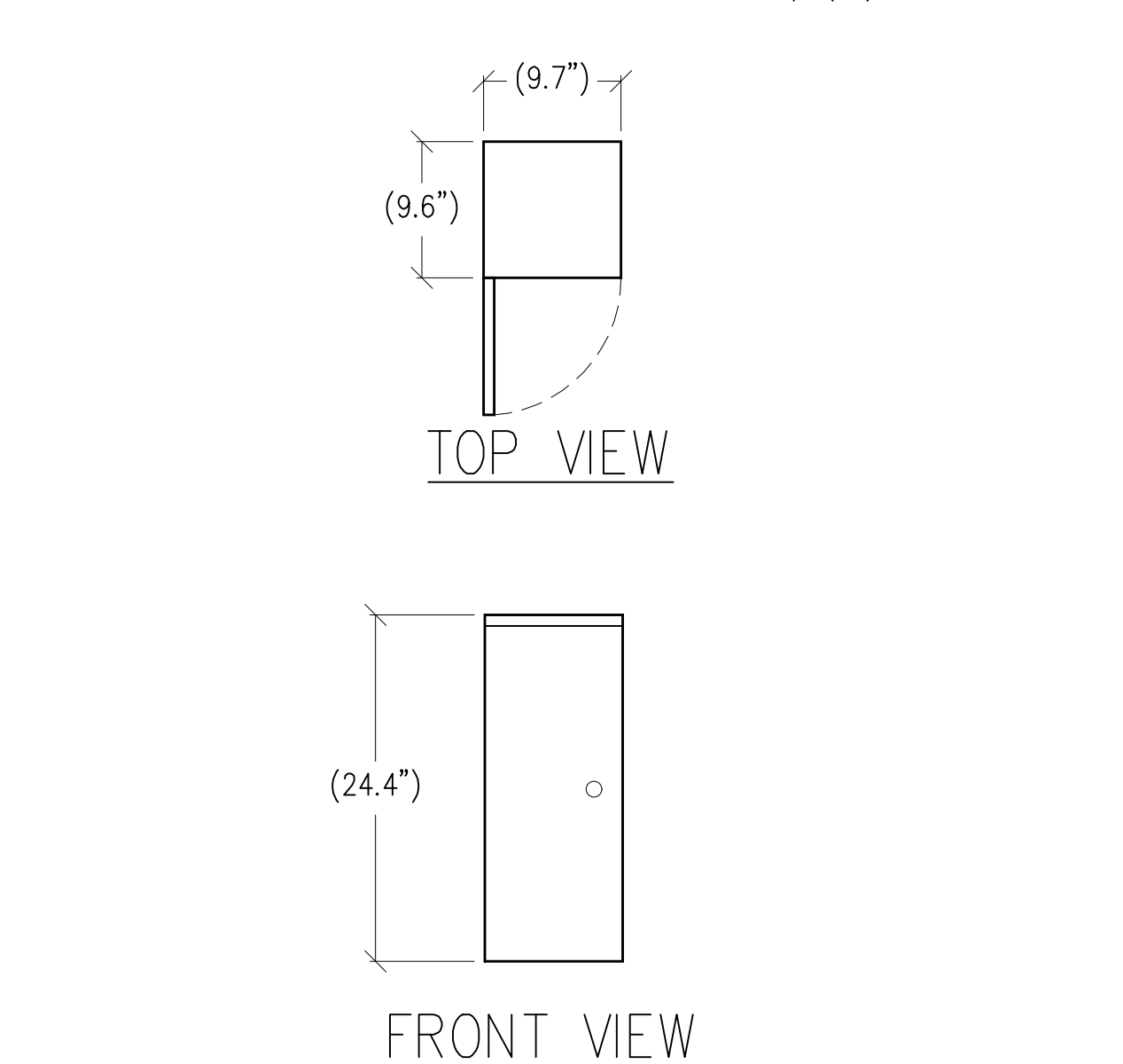
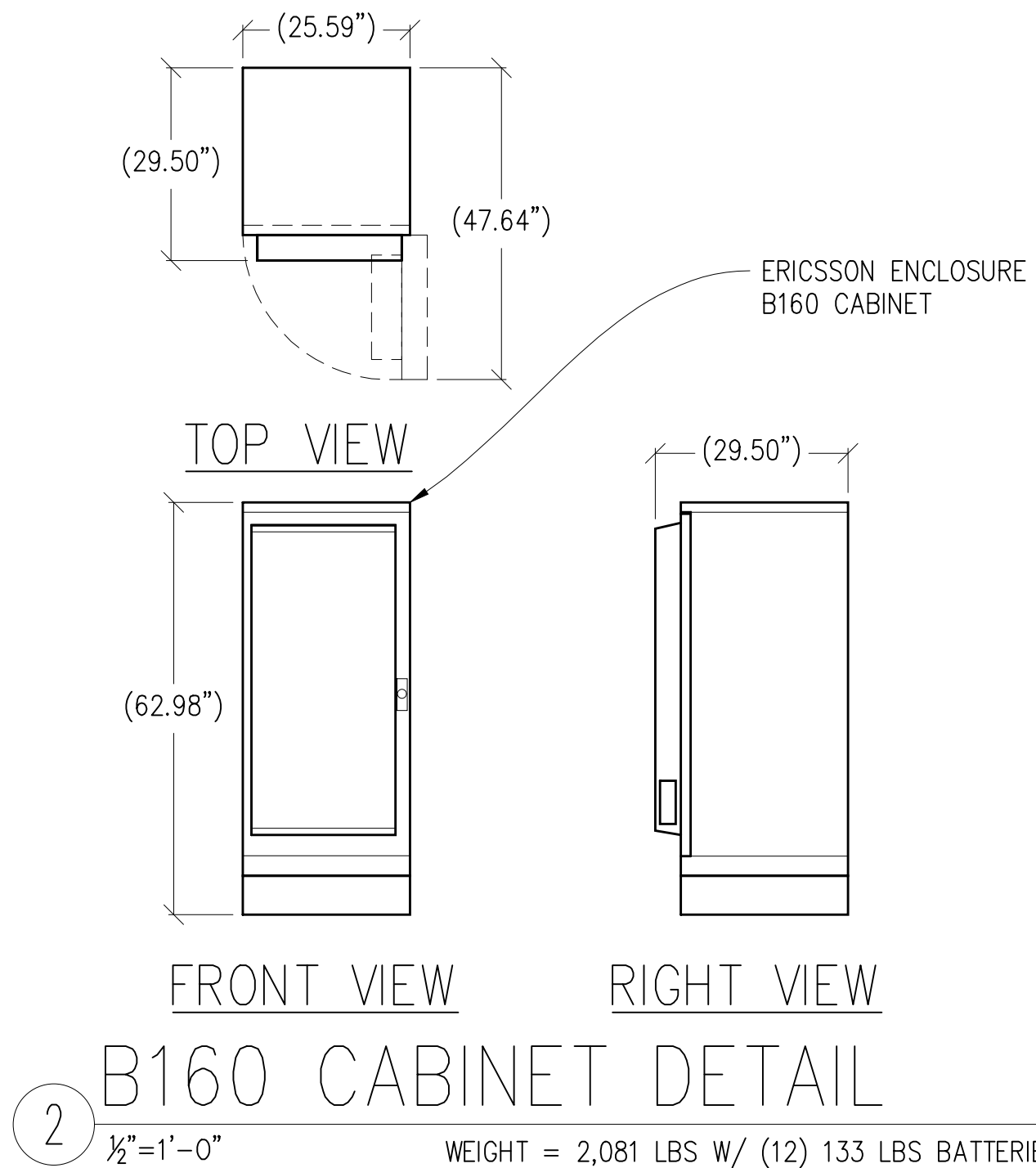
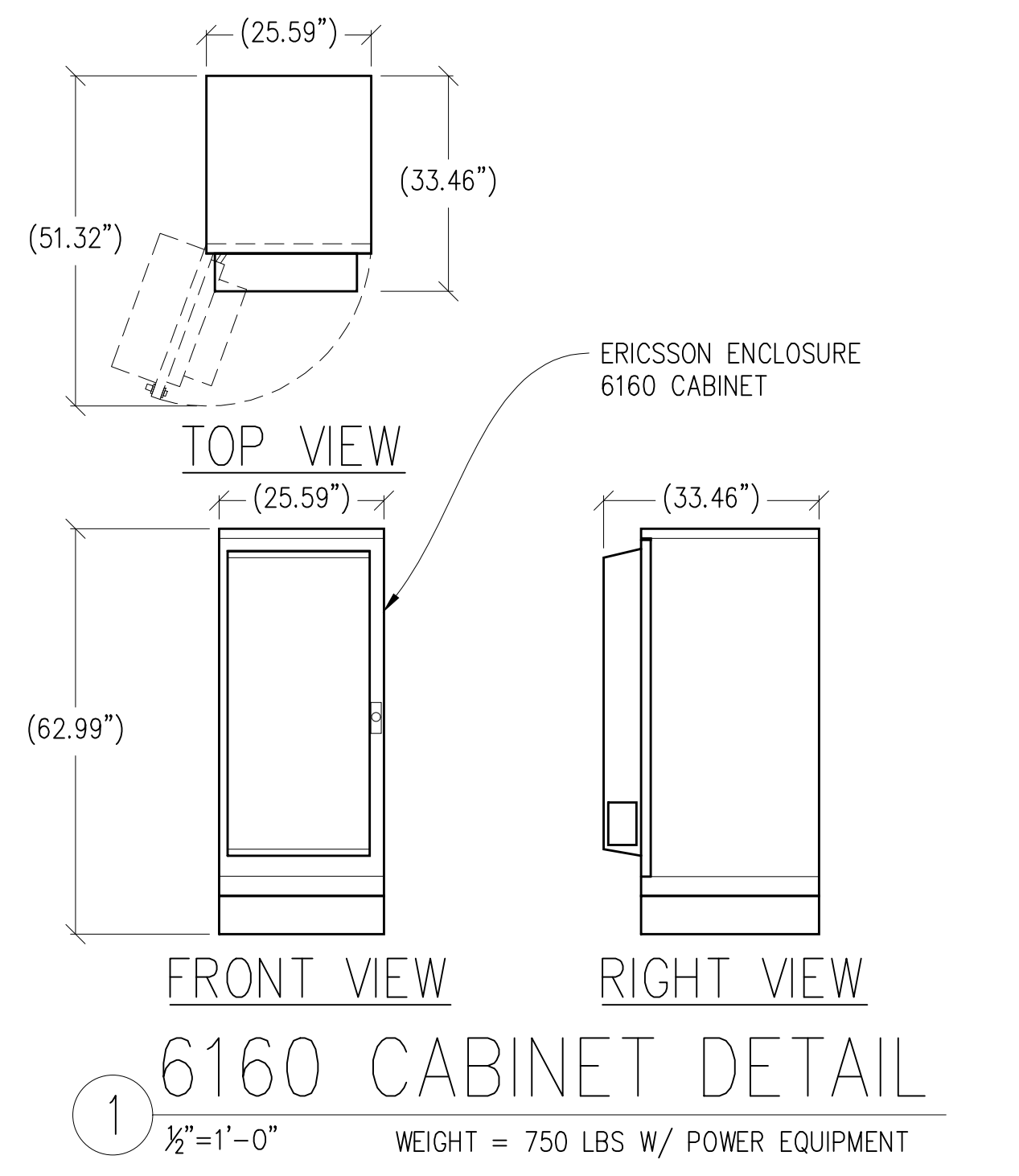
NOTE: PROPERTY PINS/SURVEY MONUMENTS SHALL BE PROTECTED IN PLACE  
 NOTE: ALL WORK PERFORMED IN THE PUBLIC RIGHT OF WAY WILL REQUIRE A SEPARATE CITY ENCROACHMENT PERMIT



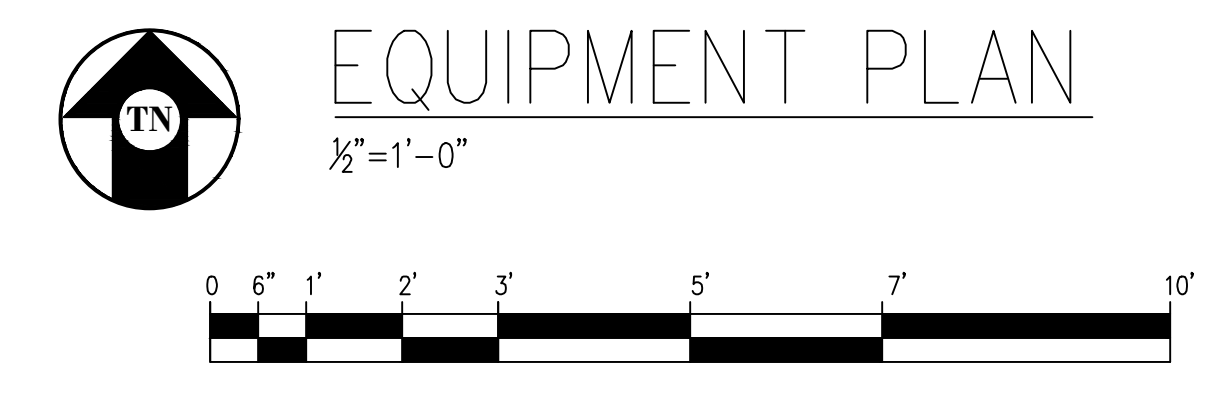
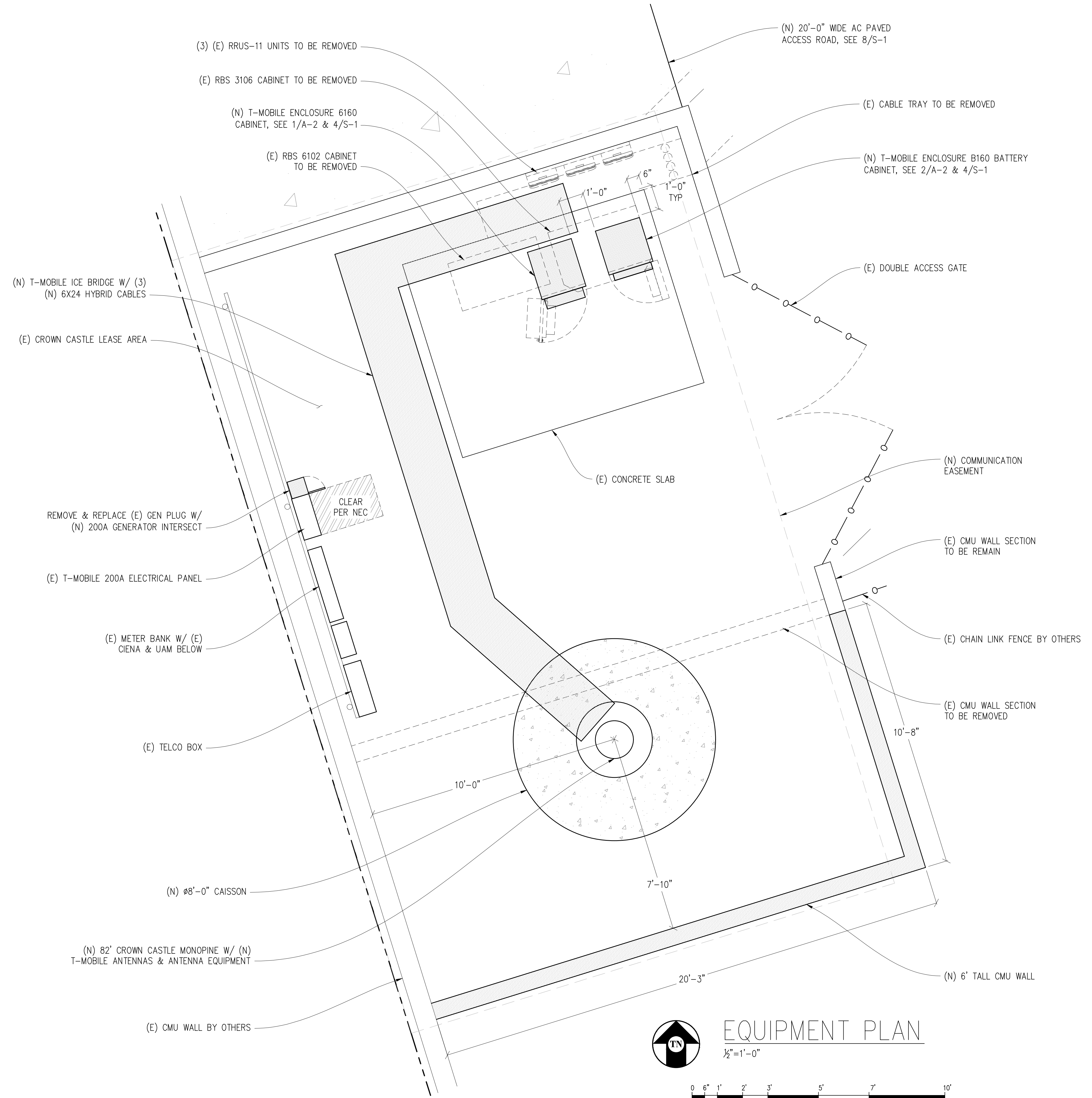
**NOTICE**  
 NEW MONOPIE TO BE ANALYZED BY OTHERS. STREAMLINE ENGINEERING & DESIGN INC. IS NOT RESPONSIBLE FOR THE EVALUATION OF THE NEW POLE, BASE PLATE, ANCHOR BOLTS, FOUNDATION OR ANTENNA/RRU MOUNT FRAMING & CONNECTIONS FOR THE NEW LOADING CONDITIONS.







3 GENERATOR INTERSECT  
1"=1'-0"



**SR572 CANO FUNERAL HOME**  
828147  
2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205

**ISSUE STATUS**

DATE	DESCRIPTION	
05/12/21	CD 90%	-
06/08/21	CD 95%	C.T.C
07/13/22	PLAN COMMENTS	C.T.C
-	-	-
-	-	-
-	-	-

DRAWN BY: -  
CHECKED BY: -  
APPROVED BY: -  
DATE: 07/13/2022

**Streamline Engineering and Design, Inc.**  
8445 Sierra College Blvd, Suite E Granite Bay, CA 95746  
Contact: Kevin Sorensen Phone: 916-660-1930  
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941  
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGN, INC. AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT 2008, STREAMLINE ENGINEERING AND DESIGN, INC. ALL RIGHTS RESERVED.

PRELIMINARY:  
NOT FOR  
CONSTRUCTION  
KEVIN R. SORENSEN  
S4469

**CROWN CASTLE**  
ONE PARK PLACE, SUITE 300  
DUBLIN, CA 94568

SHEET TITLE:  
EQUIPMENT PLAN & DETAILS  
SHEET NUMBER:  
**A-2**

**SR572 CANO FUNERAL HOME**  
 828147  
 2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205

**ISSUE STATUS**

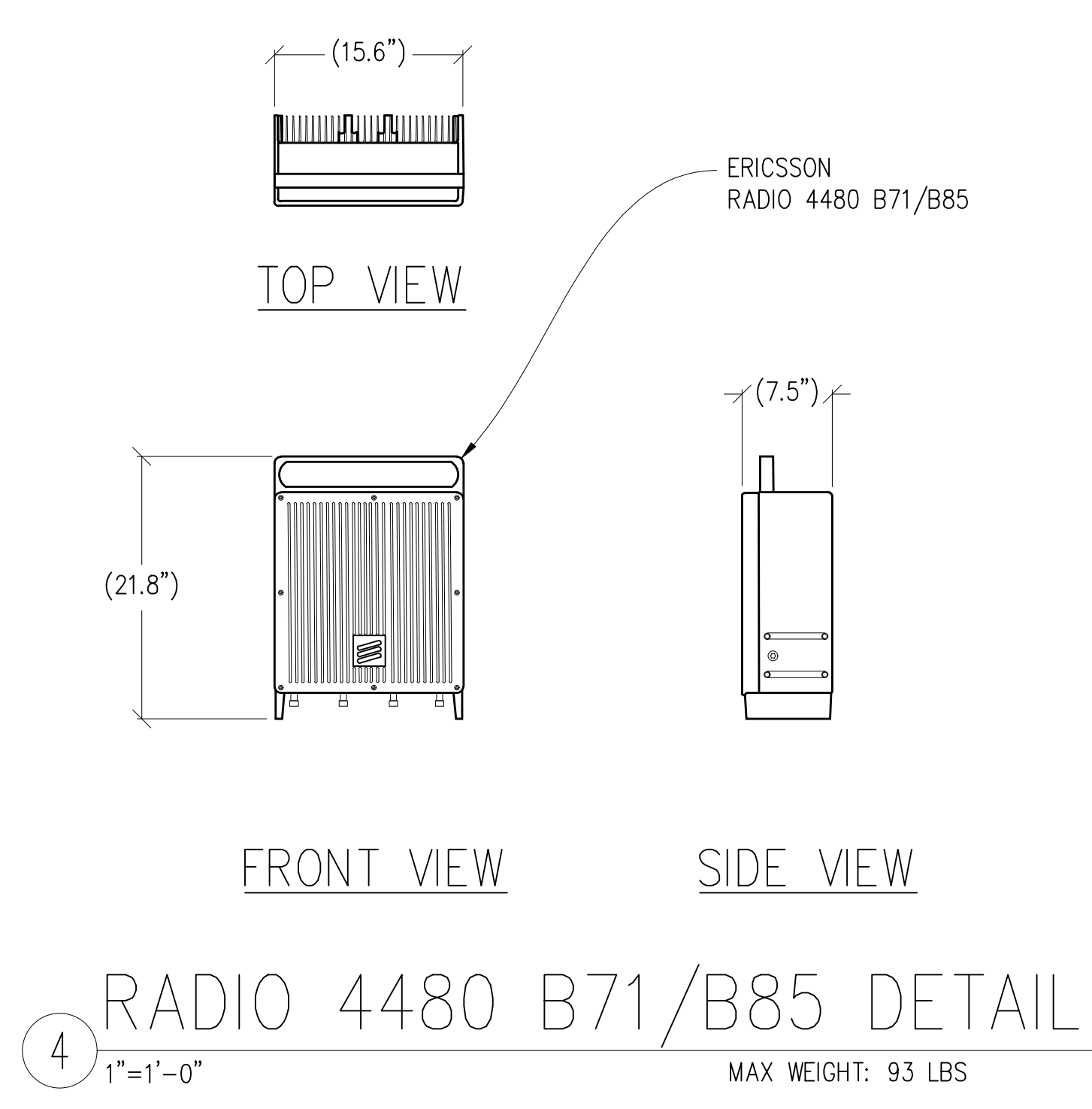
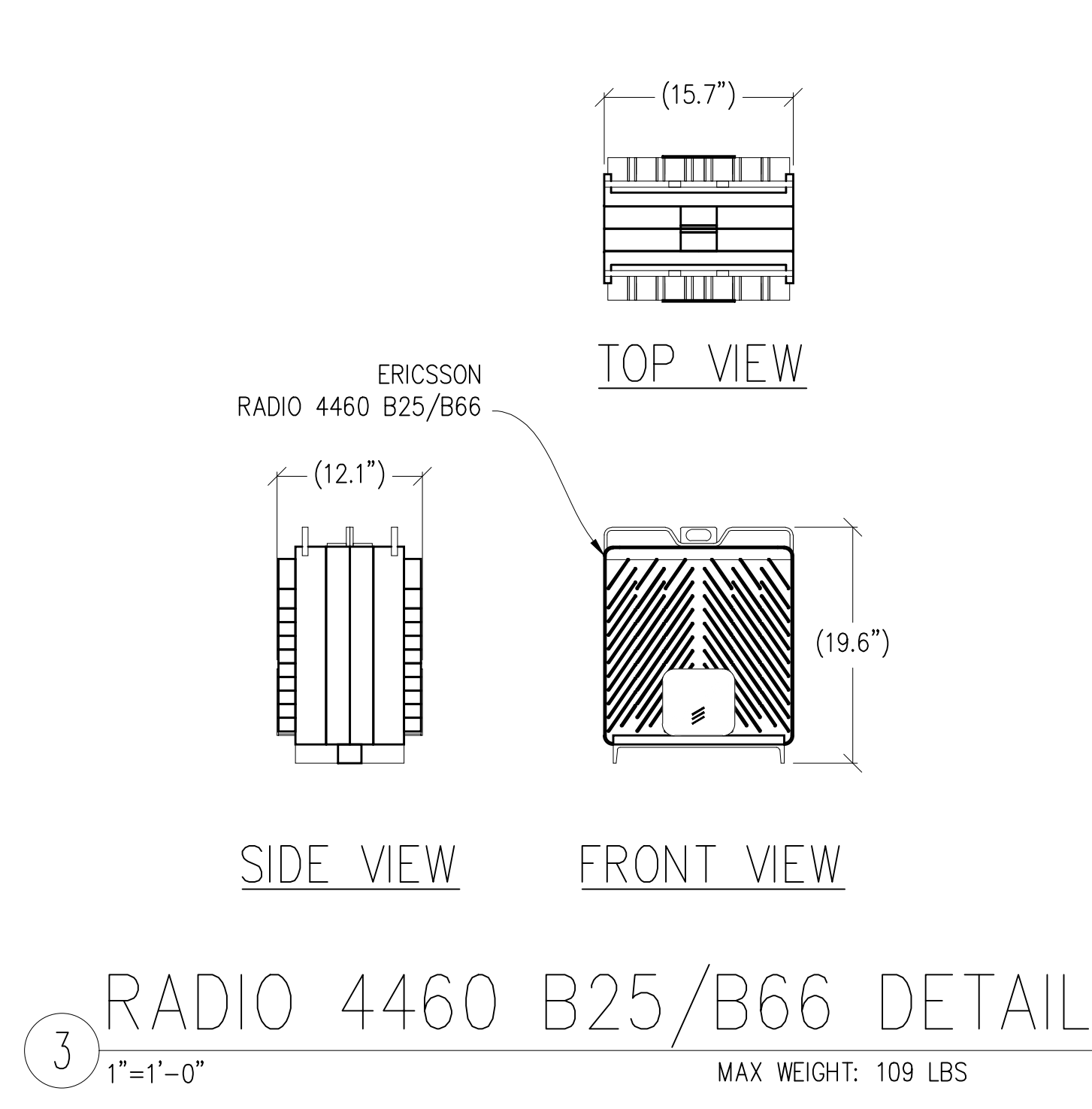
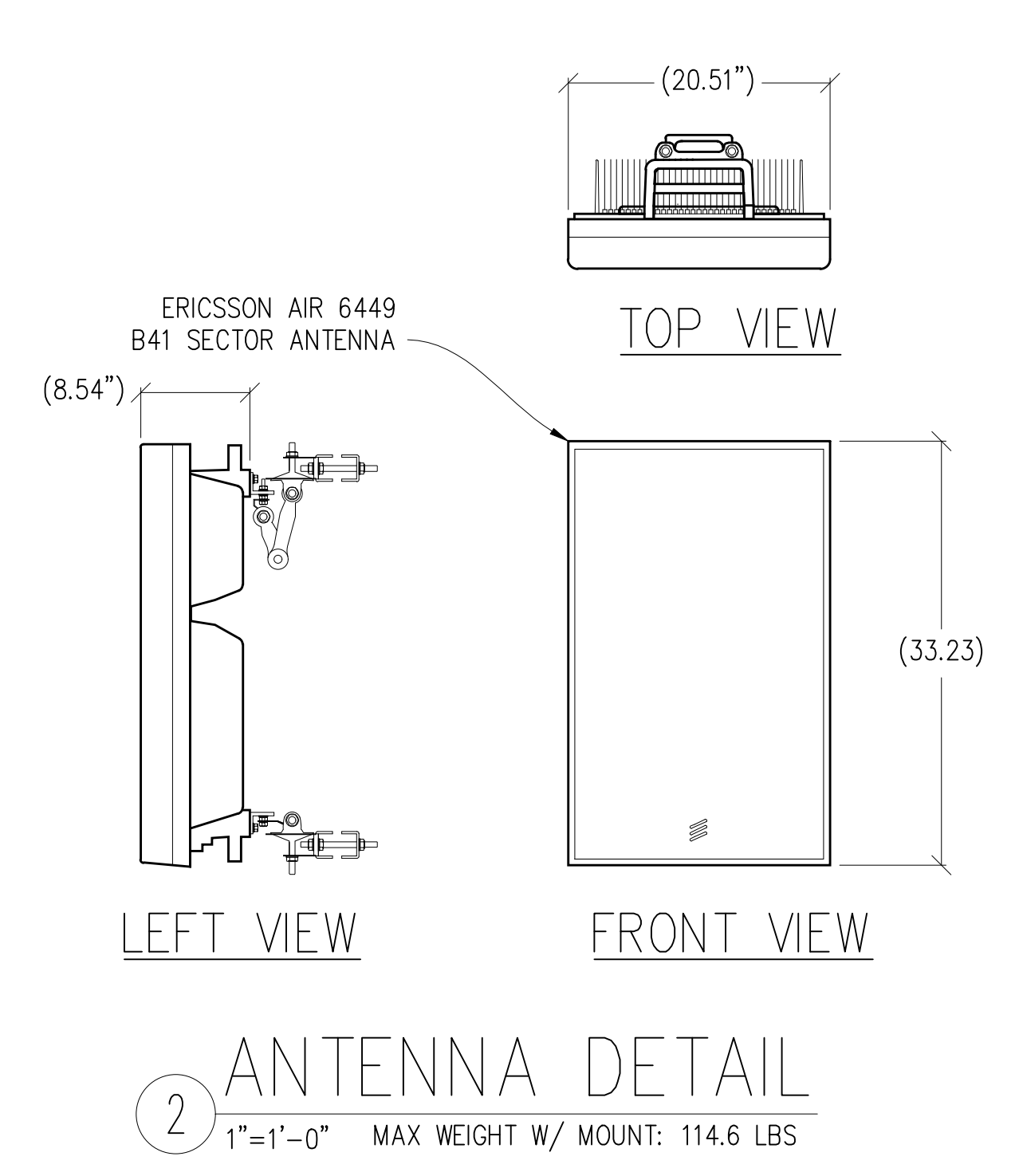
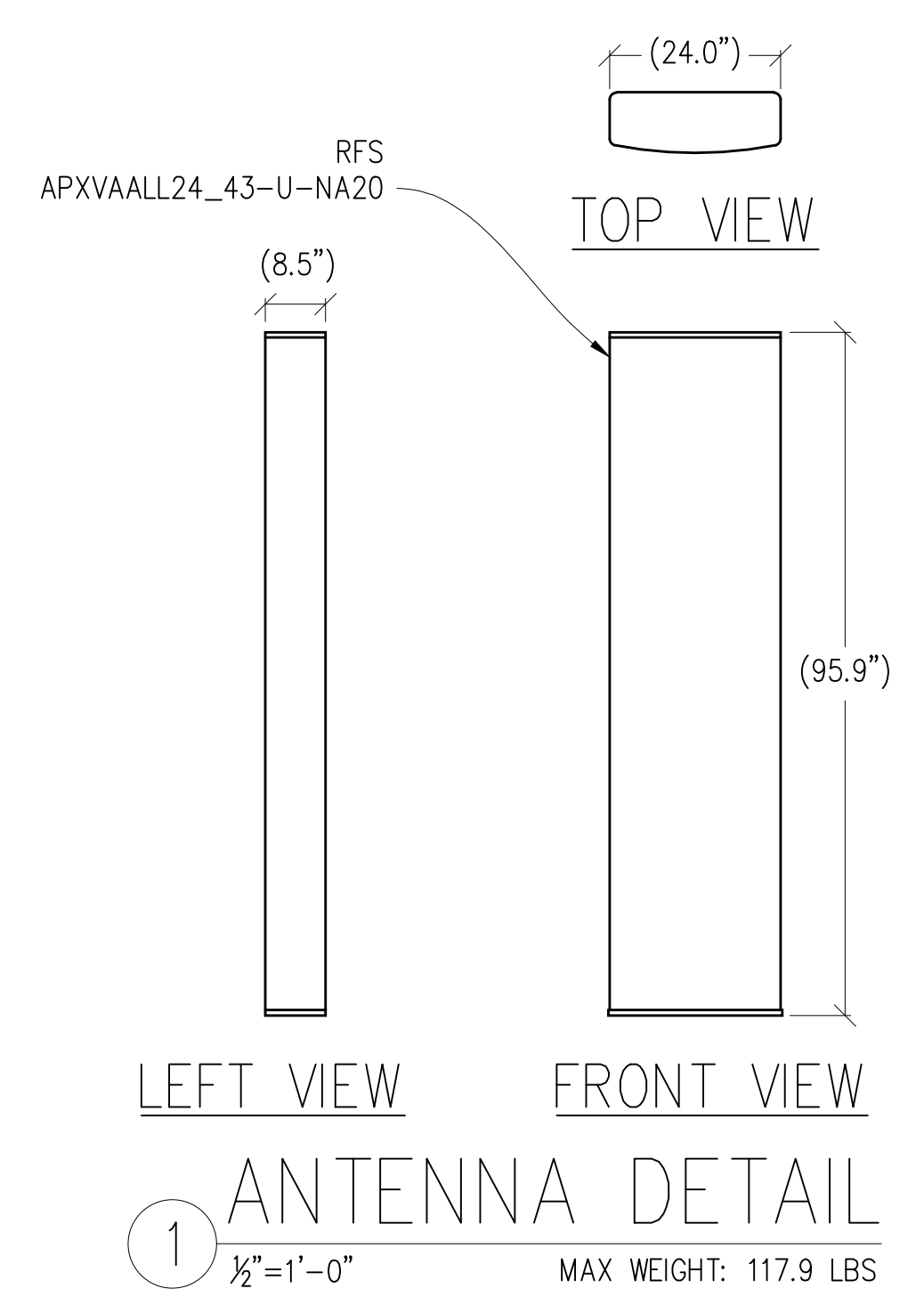
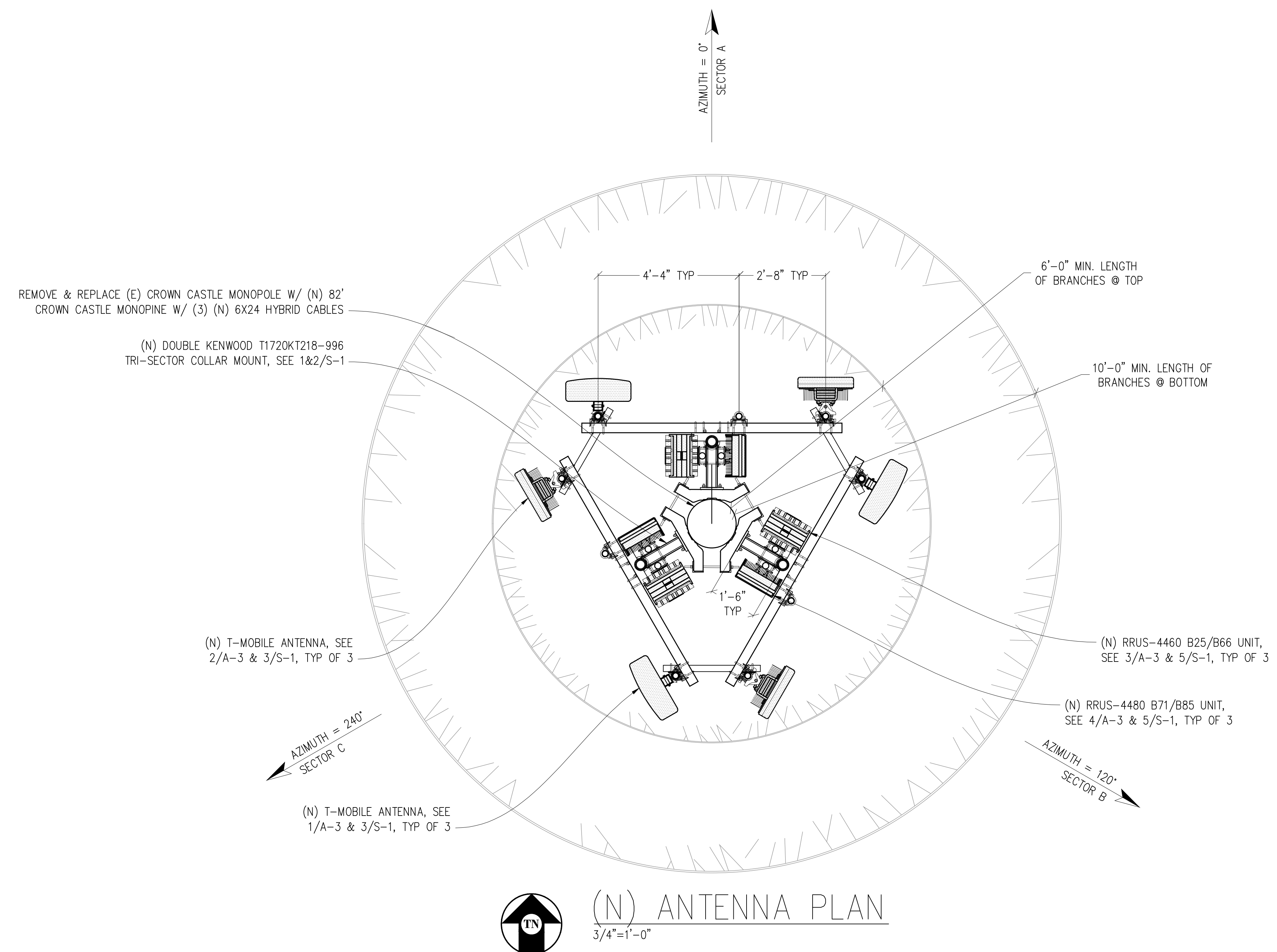
DATE	DESCRIPTION	
05/12/21	CD 90%	-
06/08/21	CD 95%	C.T.C
07/13/22	PLAN COMMENTS	C.T.C
-	-	-
-	-	-
-	-	-

DRAWN BY: -  
 CHECKED BY: -  
 APPROVED BY: -  
 DATE: 07/13/2022

**NOTICE**

NEW MONOPOLE TO BE ANALYZED BY OTHERS. STREAMLINE ENGINEERING & DESIGN INC. IS NOT RESPONSIBLE FOR THE EVALUATION OF THE NEW POLE, BASE PLATE, ANCHOR BOLTS, FOUNDATION OR ANTENNA/RRU MOUNT FRAMING & CONNECTIONS FOR THE NEW LOADING CONDITIONS.

**NOTE:**  
 1. ALL (N) ANTENNA MOUNTS, & EXPOSED CABLES TO BE PAINTED TO MATCH (E) MONOPINE & BE FULLY WITHIN MONOPINE BRANCH RADIUS.  
 2. PAINT OR 3M FILM WRAP ALL (N) ANTENNAS TO MATCH (E) MONOPINE  
 3. (N) MONOPINE TO BE, PINE 70% GREEN/30% BROWN FOLIAGE



**Streamline Engineering and Design, Inc.**  
 8445 Sierra College Blvd, Suite E Granite Bay, CA 95746  
 Contact: Kevin Sorensen Phone: 916-660-1930  
 E-Mail: kevin@streamlineeng.com Fax: 916-660-1941  
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGN, INC. WHETHER THE PROJECTS FOR WHICH THEY ARE MADE ARE EXECUTED OR NOT. THESE PLANS AND SPECIFICATIONS ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED IN THE WRITTEN CONSENT OF THE ENGINEER. Copyright 2008, Streamline Engineering and Design, Inc. All rights reserved.

PRELIMINARY:  
 NOT FOR  
 CONSTRUCTION  
 KEVIN R. SORENSEN  
 S4469

**CROWN CASTLE**  
 ONE PARK PLACE, SUITE 300  
 DUBLIN, CA 94568

SHEET TITLE:  
 ANTENNA PLAN & DETAILS  
 SHEET NUMBER:  
**A-3**



(E) T-MOBILE ANTENNA TO BE REMOVED @ FINAL PHASE, TYP OF 3

(E) CROWN CASTLE MONOPOLE TO BE REMOVED @ FINAL PHASE

TOP OF (N) MONOPINE BRANCHES  
±82'-0" A.G.L.

TOP OF (N) MONOPINE STEEL  
±77'-0" A.G.L.

TOP OF (E) MONOPOLE  
±75'-0" A.G.L.

CENTER OF (N) & (E) T-MOBILE ANTENNAS  
±72'-0" A.G.L.

CENTER OF (F) ANTENNAS BY OTHERS  
±62'-0" A.G.L.

BOTTOM OF (N) MONOPINE BRANCHES  
±20'-0" A.G.L.

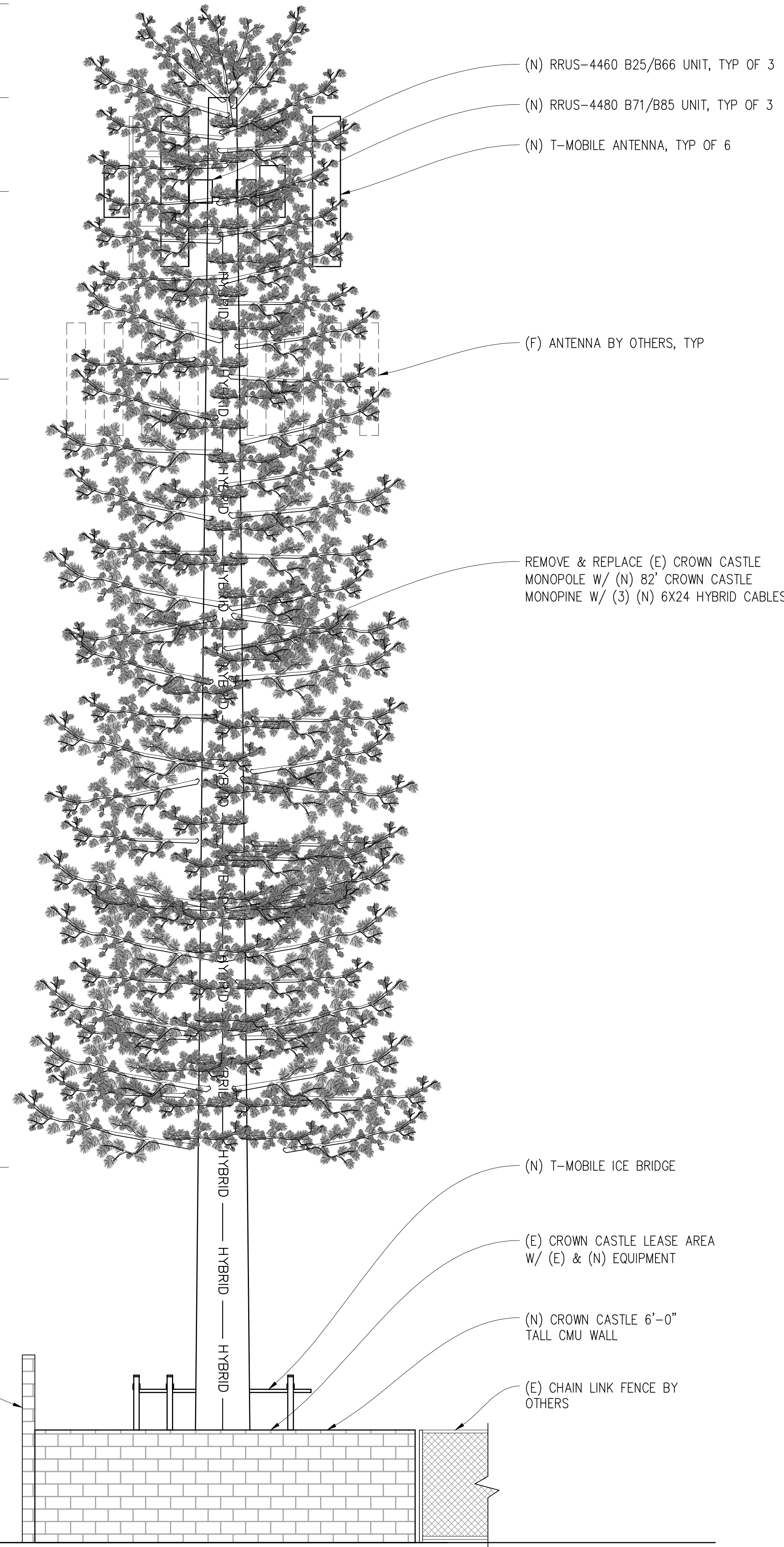
GROUND LEVEL  
0'-0"

**NOTICE**

NEW MONOPOLE TO BE ANALYZED BY OTHERS. STREAMLINE ENGINEERING & DESIGN INC. IS NOT RESPONSIBLE FOR THE EVALUATION OF THE NEW POLE, BASE PLATE, ANCHOR BOLTS, FOUNDATION OR ANTENNA/RRU MOUNT FRAMING & CONNECTIONS FOR THE NEW LOADING CONDITIONS.

**NOTE:**

1. ALL (N) ANTENNA MOUNTS, & EXPOSED CABLES TO BE PAINTED TO MATCH (E) MONOPOLE & BE FULLY WITHIN MONOPOLE BRANCH RADIUS.
2. PAINT OR 3M FILM WRAP ALL (N) ANTENNAS TO MATCH (E) MONOPOLE
3. (N) MONOPOLE TO BE, PINE 70% GREEN/30% BROWN FOLIAGE



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

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

**SR572 CANO FUNERAL HOME**  
828147  
2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205

**ISSUE STATUS**

Δ	DATE	DESCRIPTION	
	05/12/21	CD 90%	-
	06/08/21	CD 95%	C.T.C
▲	07/13/22	PLAN COMMENTS	C.T.C
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: -  
CHECKED BY: -  
APPROVED BY: -  
DATE: 07/13/2022

**Streamline Engineering and Design, Inc.**  
8445 Sierra College Blvd, Suite E Granite Bay, CA 95746  
Contact: Kevin Sorensen Phone: 916-660-1930  
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941  
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGN, INC. AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT 2008, STREAMLINE ENGINEERING AND DESIGN, INC. ALL RIGHTS RESERVED.

PRELIMINARY:  
NOT FOR  
CONSTRUCTION  
KEVIN R. SORENSEN  
S4469

**CROWN CASTLE**  
ONE PARK PLACE, SUITE 300  
DUBLIN, CA 94568

SHEET TITLE:  
ELEVATIONS  
SHEET NUMBER:  
**A-4**



(E) T-MOBILE ANTENNA TO BE REMOVED @ FINAL PHASE, TYP OF 3

(E) CROWN CASTLE MONOPOLE TO BE REMOVED @ FINAL PHASE

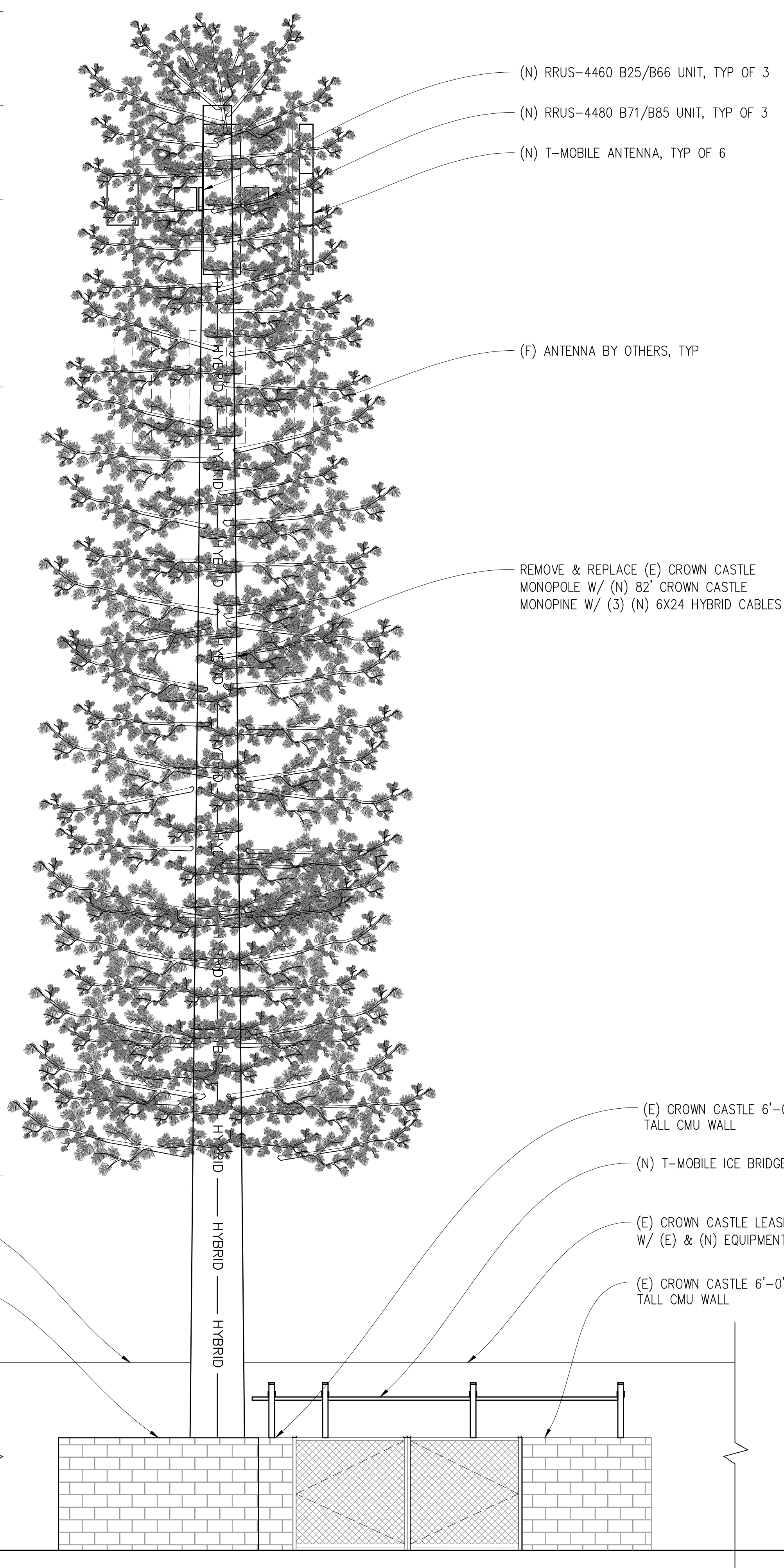
- TOP OF (N) MONOPINE BRANCHES  
±82'-0" A.G.L.
- TOP OF (N) MONOPINE STEEL  
±77'-0" A.G.L.
- TOP OF (E) MONOPOLE  
±75'-0" A.G.L.
- CENTER OF (N) & (E) T-MOBILE ANTENNAS  
±72'-0" A.G.L.
- CENTER OF (F) ANTENNAS BY OTHERS  
±62'-0" A.G.L.

**NOTICE**

NEW MONOPOLE TO BE ANALYZED BY OTHERS. STREAMLINE ENGINEERING & DESIGN INC. IS NOT RESPONSIBLE FOR THE EVALUATION OF THE NEW POLE, BASE PLATE, ANCHOR BOLTS, FOUNDATION OR ANTENNA/RRU MOUNT FRAMING & CONNECTIONS FOR THE NEW LOADING CONDITIONS.

- NOTE:**
1. ALL (N) ANTENNA MOUNTS, & EXPOSED CABLES TO BE PAINTED TO MATCH (E) MONOPOLE & BE FULLY WITHIN MONOPOLE BRANCH RADIUS.
  2. PAINT OR 3M FILM WRAP ALL (N) ANTENNAS TO MATCH (E) MONOPOLE
  3. (N) MONOPOLE TO BE, PINE 70% GREEN/30% BROWN FOLIAGE

- BOTTOM OF (N) MONOPINE BRANCHES  
±20'-0" A.G.L.
- GROUND LEVEL  
0'-0"



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

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

**SR572 CANO FUNERAL HOME**

828147  
2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205

**ISSUE STATUS**

Δ	DATE	DESCRIPTION	
	05/12/21	CD 90%	-
	06/08/21	CD 95%	C.T.C
Δ	07/13/22	PLAN COMMENTS	C.T.C
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: -  
CHECKED BY: -  
APPROVED BY: -  
DATE: 07/13/2022

**Streamline Engineering and Design, Inc.**

8445 Sierra College Blvd, Suite E Granite Bay, CA 95746  
Contact: Kevin Sorensen Phone: 916-660-1930  
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGN, INC. AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT 2008, STREAMLINE ENGINEERING AND DESIGN, INC. ALL RIGHTS RESERVED.

PRELIMINARY:  
NOT FOR  
CONSTRUCTION

KEVIN R. SORENSEN  
S4469

**CROWN CASTLE**

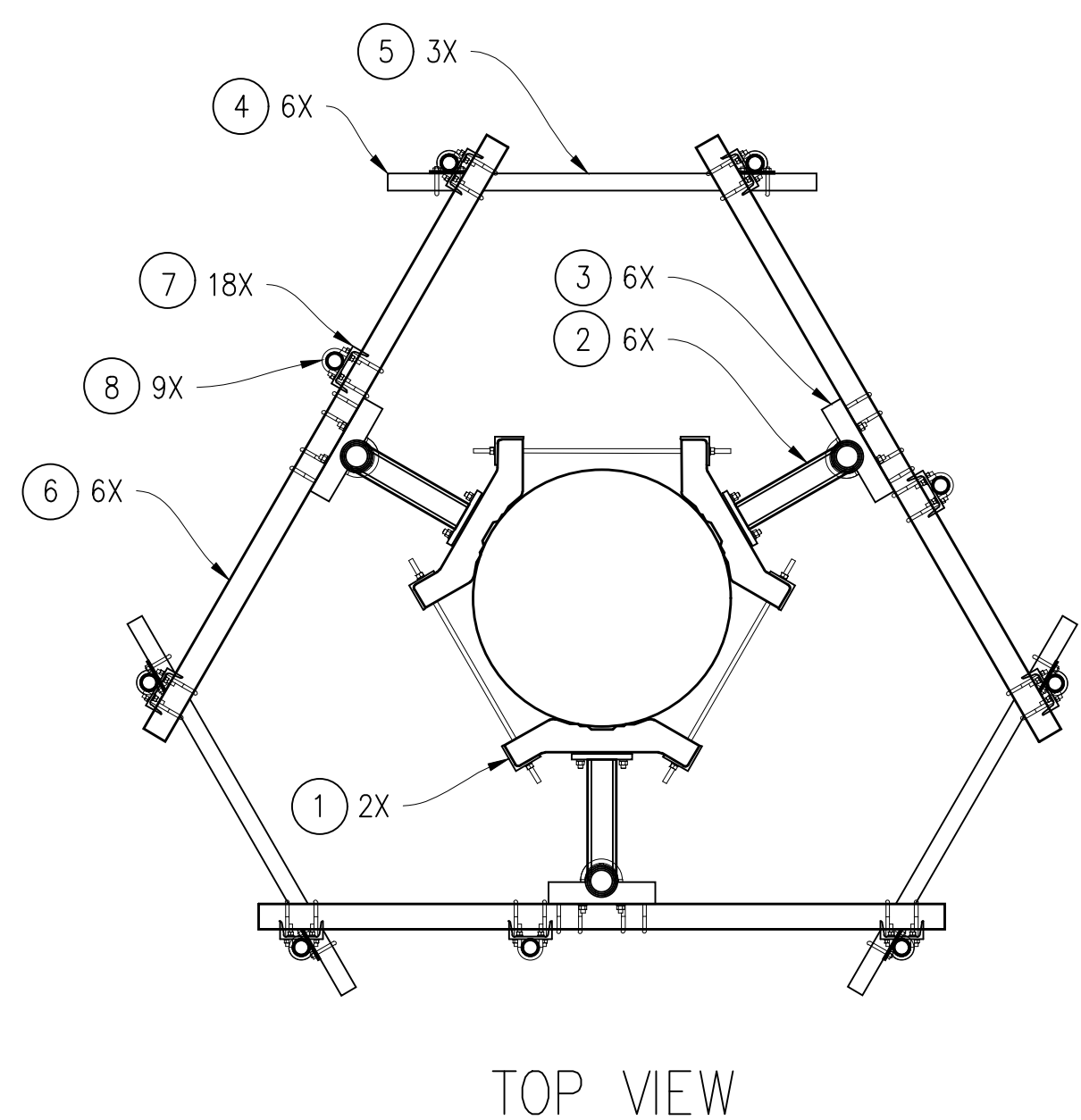
ONE PARK PLACE, SUITE 300  
DUBLIN, CA 94568

SHEET TITLE:  
ELEVATIONS

SHEET NUMBER:  
**A-5**

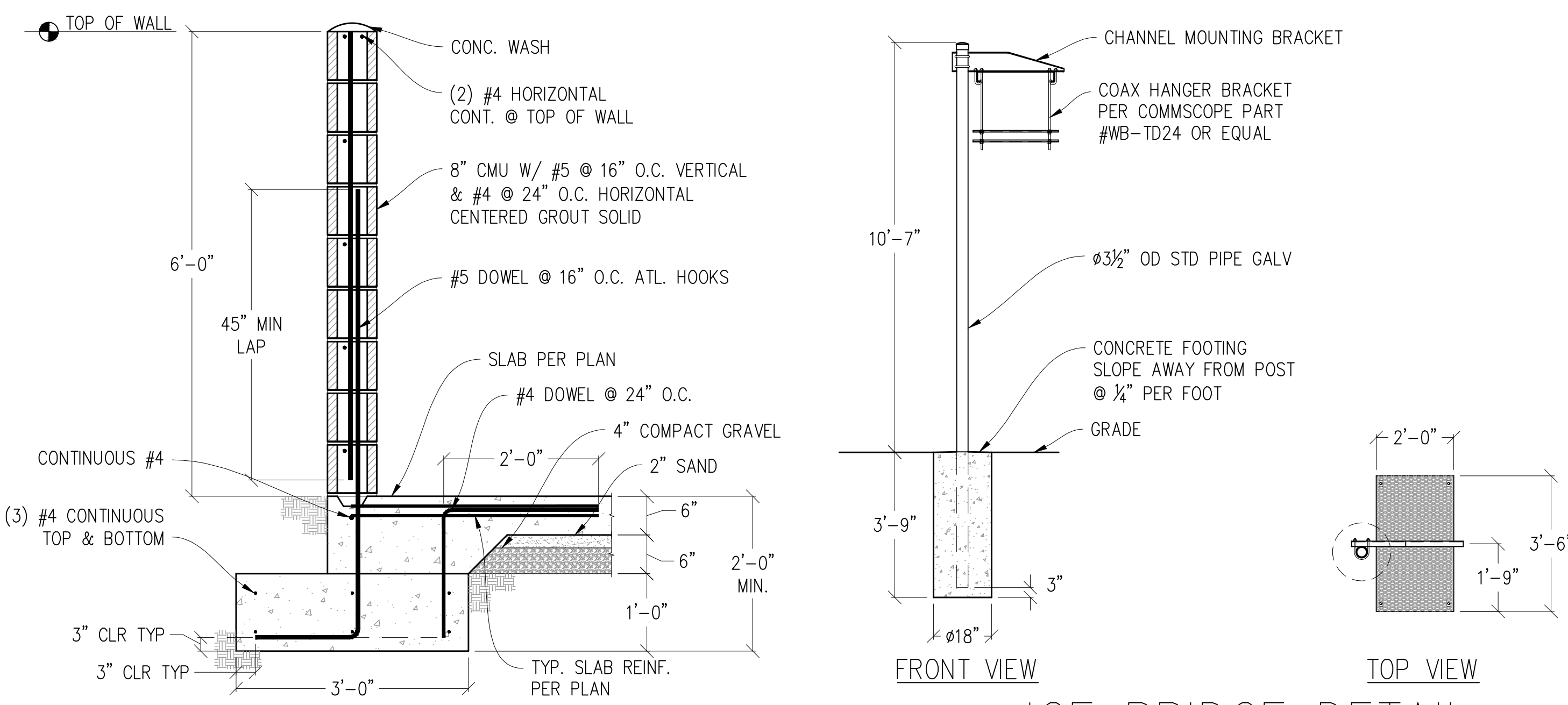


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	T1503KT40A	UNIVERSAL RING MOUNT 10"-40" KIT	2
2	K1350KT18HD	T-ARM, 18", HEAVY DUTY	6
3	T1719KTA	PIPE FRAME HARDWARE KIT FOR T-ARM	6
4	K1004KT1	CROSSOVER CLAMP KIT, 2-3/8" X 2-3/8"	6
5	P1000KT5	2-3/8" OD PIPE, 60" LONG	3
6	P1200KT8	PIPE, 3.5" OD X 8' LONG HDG	6
7	T1721KTA	PIPE MOUNT KIT 2-3/8" TO 3-1/2"	18
8	P1000KT8	2-3/8" OD PIPE, 96" LONG	9
9	K1032KT214-2	5/8" X 2-1/4" A325 BOLT KIT (4 BOLTS)	6



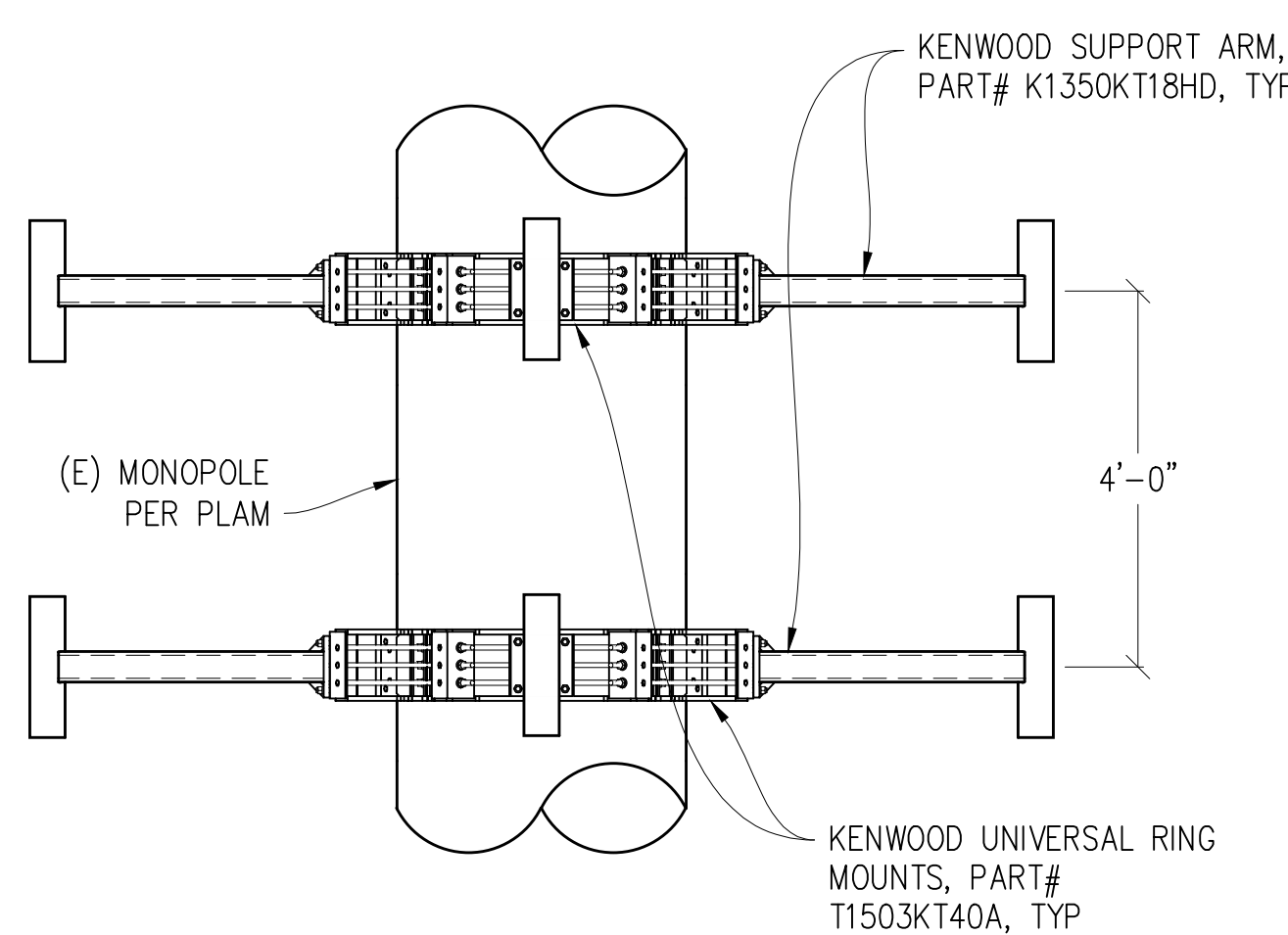
TOP VIEW

1 T1720KT218-996 KENWOOD COLLAR MOUNT  
1/2"=1'-0"

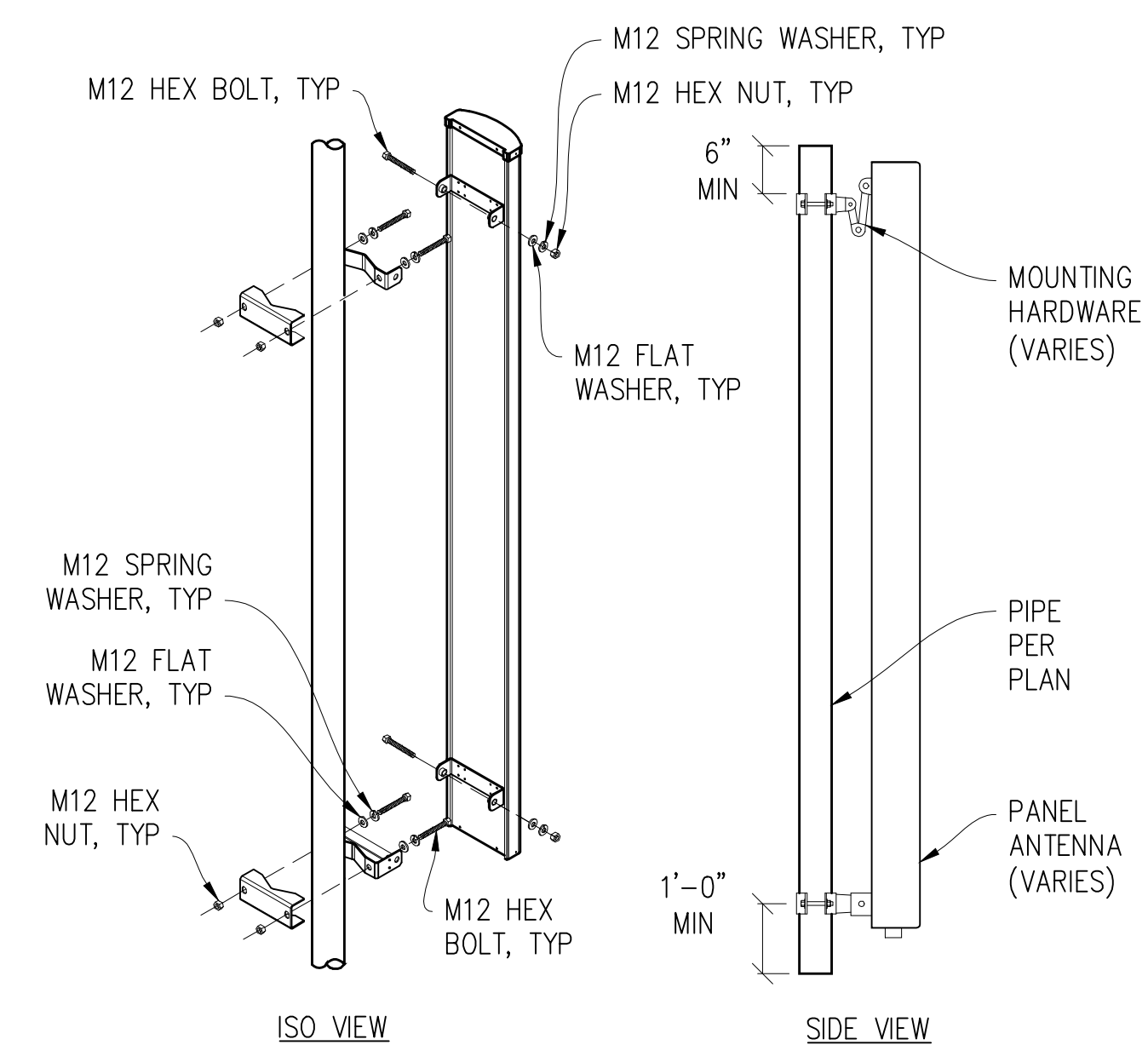


CMU ENCLOSURE WALL

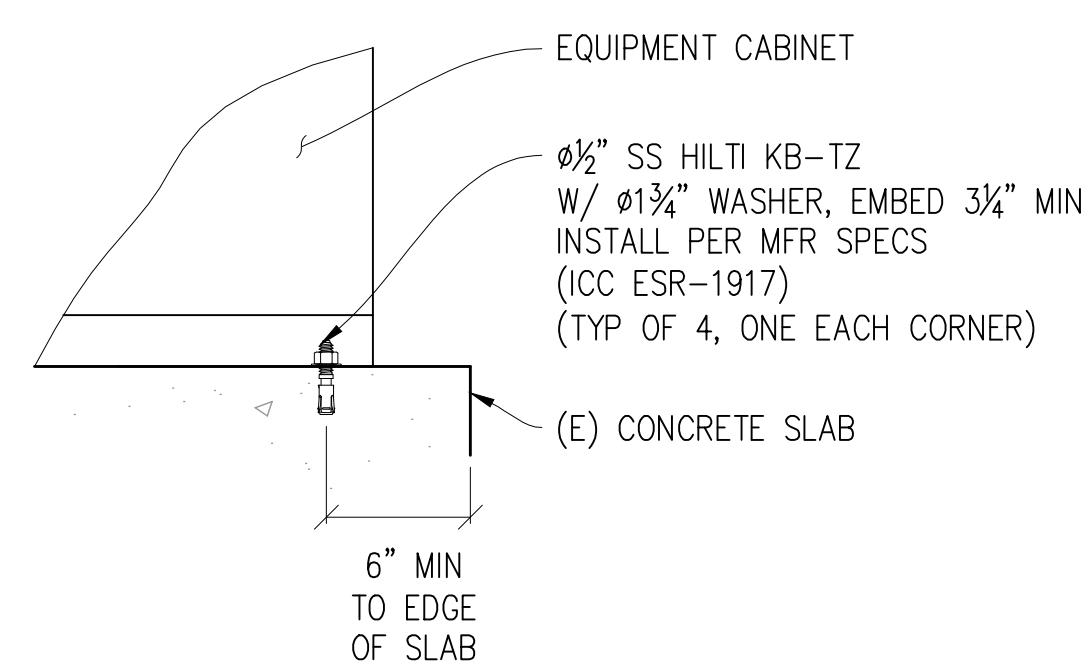
ICE BRIDGE DETAIL



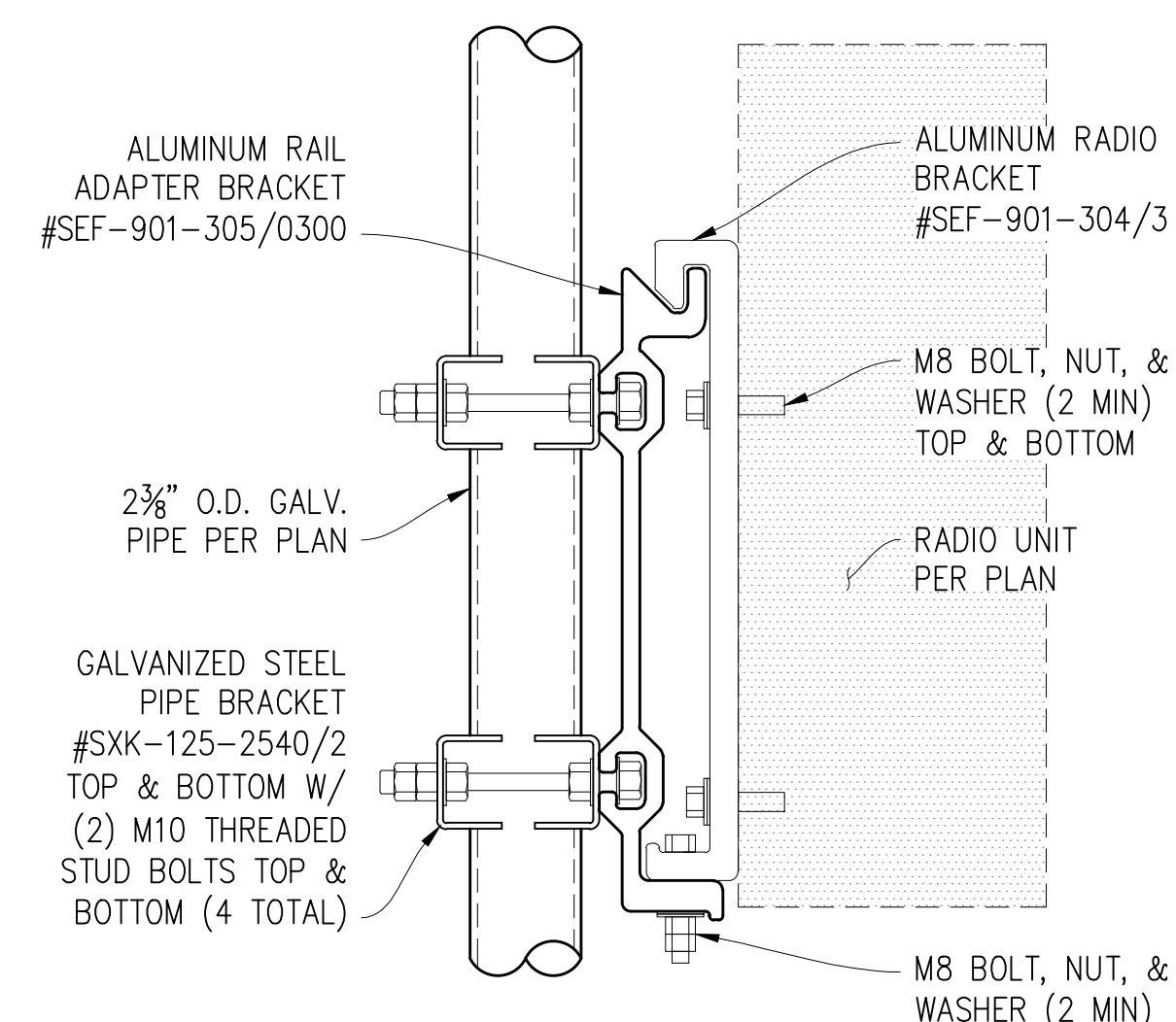
2 DOUBLE TRI-COLLAR MOUNT  
1/2"=1'-0"



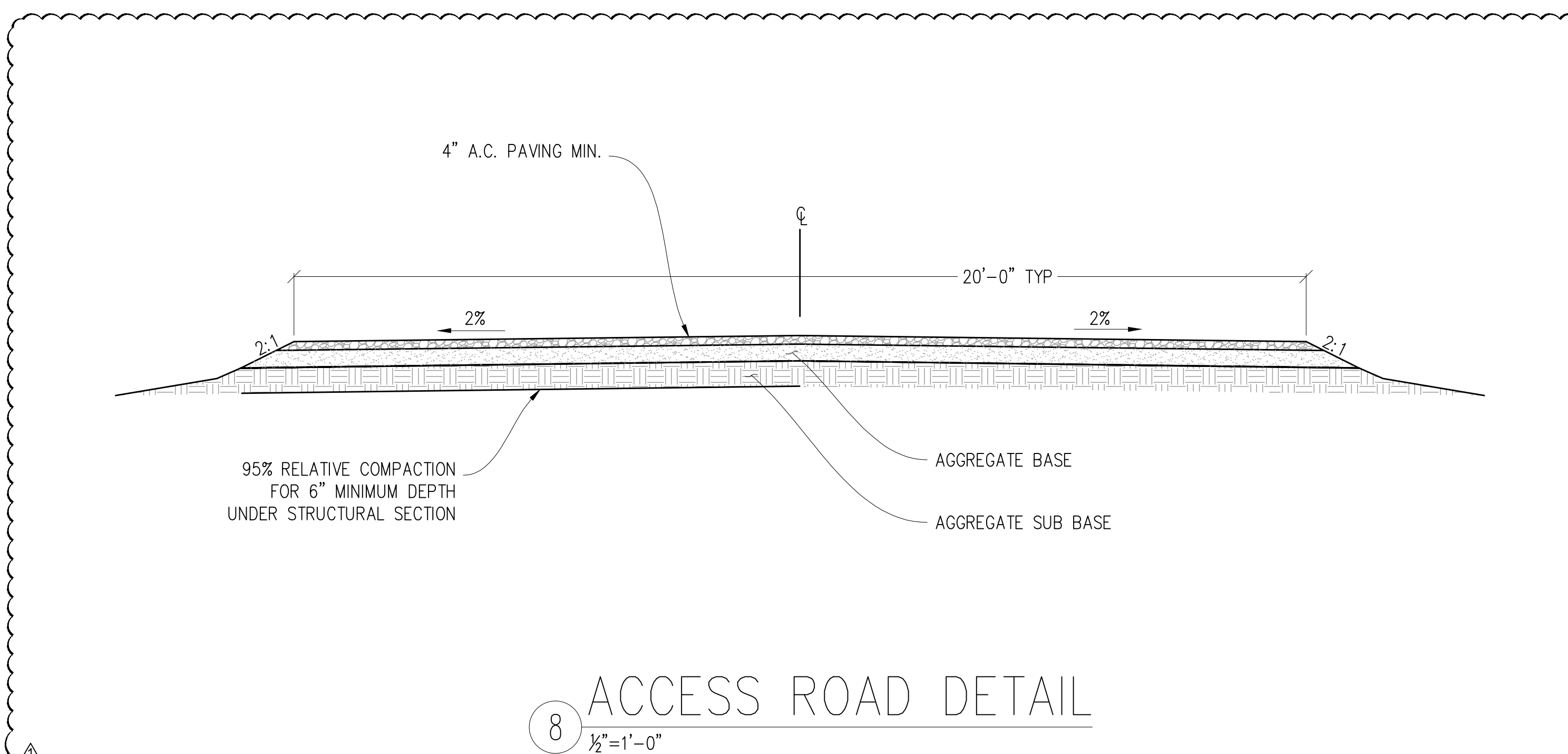
3 ANTENNA MOUNT  
1"=1'-0"



4 CABINET TO CONCRETE SLAB  
1/2"=1'-0"



5 RADIO UNIT MOUNTING  
3"=1'-0"



8 ACCESS ROAD DETAIL  
1/2"=1'-0"

**SR572 CANO FUNERAL HOME**  
828147  
2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205

ISSUE STATUS

DATE	DESCRIPTION	
05/12/21	CD 90%	-
06/08/21	CD 95%	C.T.C
07/13/22	PLAN COMMENTS	C.T.C
-	-	-
-	-	-
-	-	-

DRAWN BY: -  
CHECKED BY: -  
APPROVED BY: -  
DATE: 07/13/2022

**Streamline Engineering and Design, Inc.**  
8445 Sierra College Blvd, Suite E Granite Bay, CA 95746  
Contact: Kevin Sorensen Phone: 916-660-1930  
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941  
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGN, INC. AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT 2008, STREAMLINE ENGINEERING AND DESIGN, INC. ALL RIGHTS RESERVED.

PRELIMINARY:  
NOT FOR  
CONSTRUCTION  
KEVIN R. SORENSEN  
S4469

**CROWN CASTLE**  
ONE PARK PLACE, SUITE 300  
DUBLIN, CA 94568

SHEET TITLE:  
STRUCTURAL DETAILS  
SHEET NUMBER:  
**S-1**

# SR572 CANO FUNERAL HOME

828147  
2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205

## ISSUE STATUS

Δ	DATE	DESCRIPTION	
	05/12/21	CD 90%	-
	06/08/21	CD 95%	C.T.C
Δ	07/13/22	PLAN COMMENTS	C.T.C
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: -  
CHECKED BY: -  
APPROVED BY: -  
DATE: 07/13/2022

**Streamline Engineering and Design, Inc.**  
8445 Sierra College Blvd, Suite E Granite Bay, CA 95746  
Contact: Kevin Sorensen Phone: 916-660-1930  
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

THESE PLANS AND SPECIFICATIONS ARE PRELIMINARY AND ARE SUBJECT TO CHANGE WITHOUT NOTICE. THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGN, INC. AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT © 2018, STREAMLINE ENGINEERING AND DESIGN, INC. ALL RIGHTS RESERVED.

PRELIMINARY:  
NOT FOR  
CONSTRUCTION  
KEVIN R. SORENSEN  
S4469

**CROWN CASTLE**  
ONE PARK PLACE, SUITE 300  
DUBLIN, CA 94568

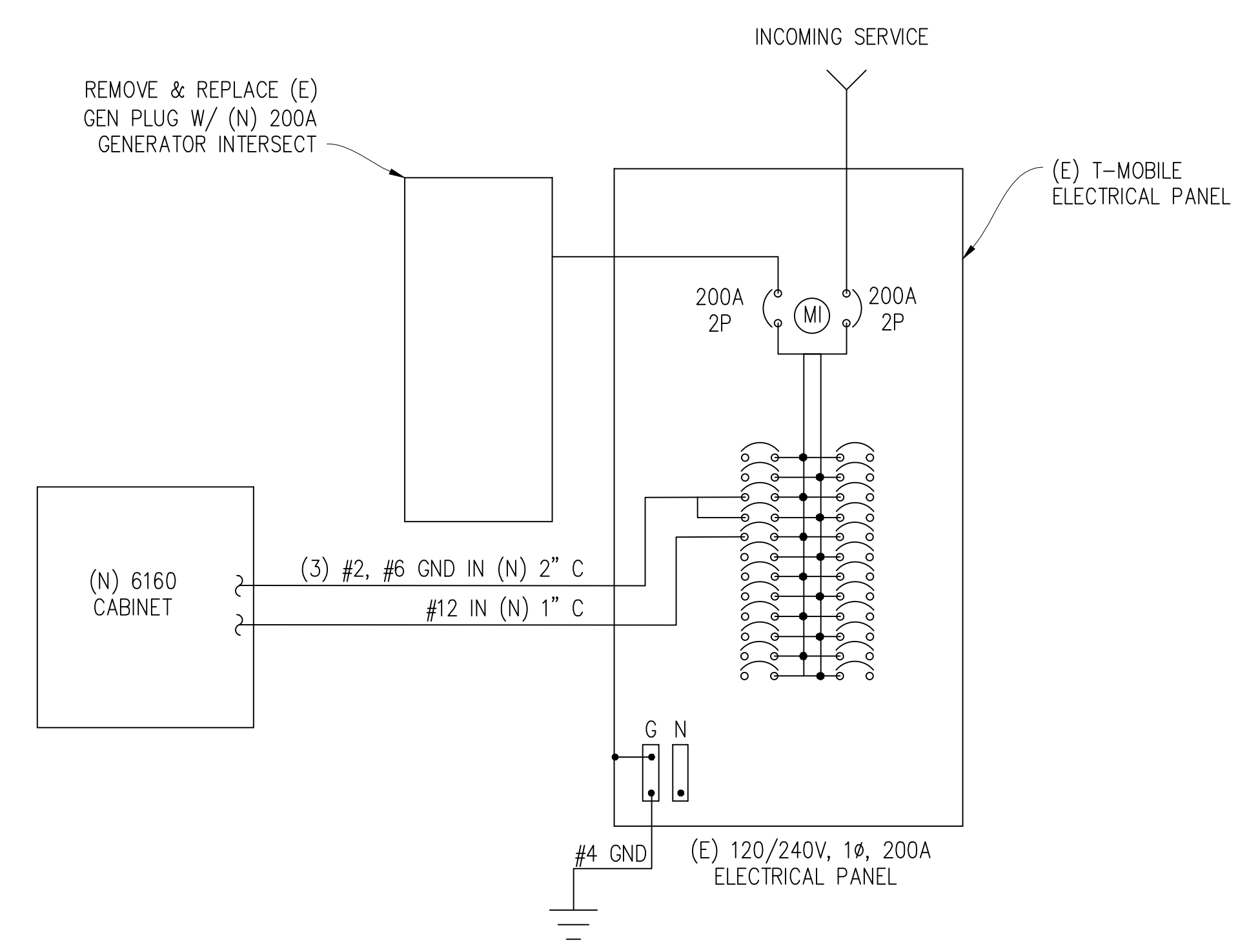
SHEET TITLE:  
ELECTRICAL PLAN  
SHEET NUMBER:  
**E-1**

## ELECTRIC LEGEND

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

## ELECTRICAL NOTES

- ALL ELECTRICAL WORK SHALL CONFORM TO THE 2019 CEC AS WELL AS ALL ADOPTED STANDARDS, APPLICABLE STATE AND LOCAL CODES.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, CONDUCTORS, PULL BOXES, TRANSFORMER PADS, POLE RISERS, AND PERFORM ALL TRENCHING AND BACKFILLING REQUIRED IN THE PLANS.
- ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED PER PLAN SPECIFICATIONS.
- 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.
- THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES.
- 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.
- ALL OUTDOOR EQUIPMENT SHALL HAVE NEMA 3R ENCLOSURE.
- ALL BURIED WIRE SHALL RUN THROUGH SCHEDULE 40 PVC CONDUIT UNLESS OTHERWISE NOTED.
- A GROUND WIRE IS TO BE PULLED IN ALL CONDUITS.
- 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.
- WHERE PLANS CALL FOR A NEW ELECTRICAL SERVICE, PRIOR TO SUBMITTING BID, CONTRACTOR SHALL VERIFY PLAN DETAILS WITH THE UTILITY'S SERVICE PLAN & REQ'TS INCLUDING SERVICE VOLTAGE, METER LOCATION, MAIN DISCONNECTING MEANS, AND AIC REQ'T, AND SHALL OBTAIN CLARIFICATION FROM THE PROJECT ENGINEER ON ANY DEVIATIONS FOUND IN THESE PLANS.
- 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:
  - POWER PLANT SHALL BE SUPPLIED BY THE WIRELESS CARRIER AS A PULL-TAG ITEM AND INSTALLED BY THE CONTRACTOR.
  - 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 MFR'S DATA FOR THE APPLIANCES SERVED.
  - 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.
  - 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.



SINGLE LINE DIAGRAM

## PANEL SCHEDULE

NAMEPLATE : PANEL A		SC LEVEL : 10,000		VOLTS: 120V/208V, 1φ				
LOCATION : INSIDE				BUS AMPS: 200A				
MOUNTING : WALL				MAIN CB: 200A				
ØA	ØB	LOAD DESCRIPTION	BKR AMP/POLE	CIRCUIT NO	BKR AMP/POLE	LOAD DESCRIPTION	ØA	ØB
LOAD VA	LOAD VA						LOAD VA	LOAD VA
180		SURGE SUPPRESSOR	60/2	1 2	-	SPARE	0	
	180	" "	" "	3 4	20/1	RECEPTACLE		180
6500		(N) 6160 CABINET	100/2	5 6	20/1	TOWER LIGHT	300	
	6500	" "	" "	7 8	-	BLANK		0
300		(N) 6160 SERVICE OUTLET	10/1	9 10	-	" "	0	
	0	BLANK	-	11 12	-	" "		0
0		" "	-	13 14	-	" "	0	
	0	" "	-	15 16	-	" "		0
0		" "	-	17 18	-	" "	0	
	0	" "	-	19 20	-	" "		0
0		" "	-	21 22	-	" "	0	
	0	" "	-	23 24	-	" "		0
6980	6680	PHASE TOTALS				PHASE TOTALS	300	180
TOTAL VA =	14140		TOTAL AMPS =	59				

NOTE: EXISTING LOADS HAVE NOT BEEN FIELD VERIFIED. THEY ARE APPROXIMATE BASED ON EXISTING CB SIZES. CONTACT THE ENGINEER IF THE LOADS DIFFER FROM THAT WHICH IS SHOWN ON THE PLANS

**GROUNDING LEGEND**

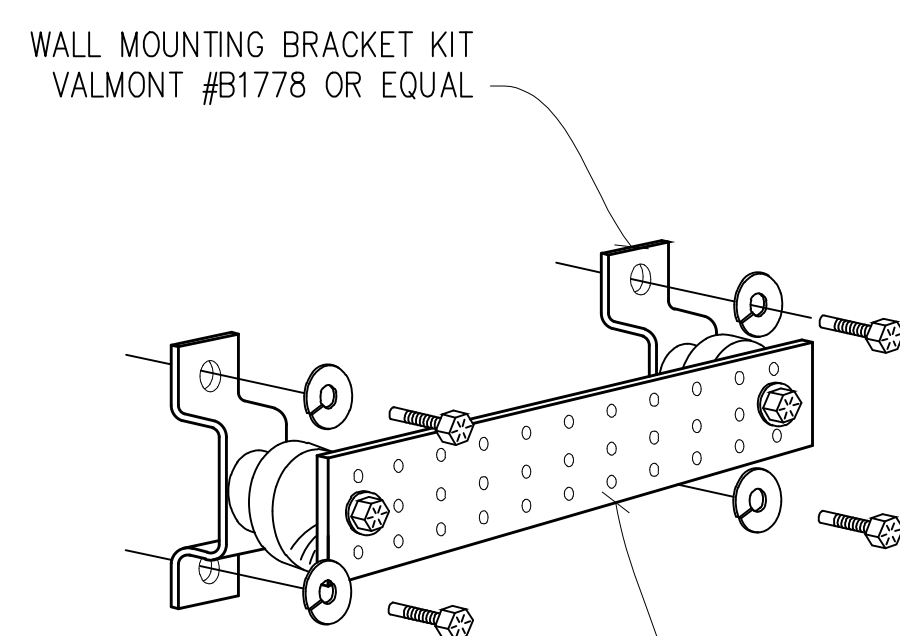
- MECHANICAL CONNECTION
- ▼ EXOTHERMIC CADWELD
- ⊕ TYP. CADWELD INSPECTION WELL
- ⊕ TYP 3/8" DIA. X 10'-0" LONG COPPER CLAD GROUND ROD @ 10' O.C. MAX & 18" MIN BELOW FINISH GRADE
- ⌒ GATE GROUNDING STRAP
- ⊖ TYP #2 TINNED BCW UNDERGROUND GND RING @ 18" MIN BELOW FINISH GRADE
- SGI— GROUND WIRE #2 STRANDED 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

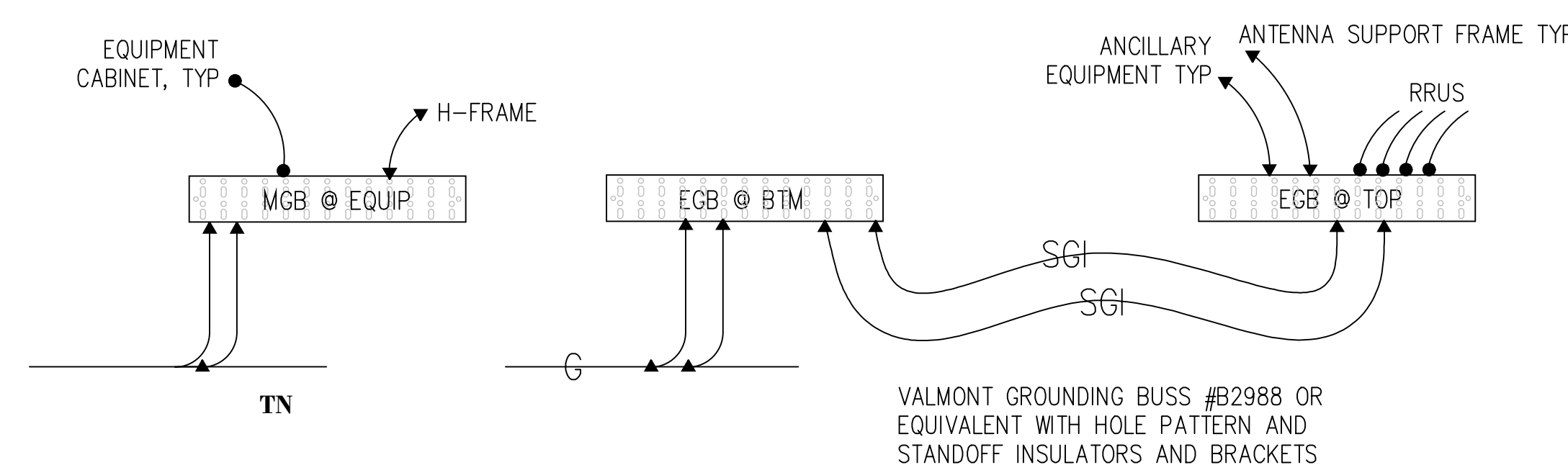
UPON COMPLETION OF THE GROUNDING INSTALLATION THE CONTRACTOR SHALL EMPLOY AN OWNER APPROVED 3RD PARTY TO CONDUCT A "FALL OF POTENTIAL" TEST AND SUBMIT A REPORT OF SUCH TEST FOR APPROVAL TO EITHER THE OWNER OR CONSTRUCTION MANAGER.



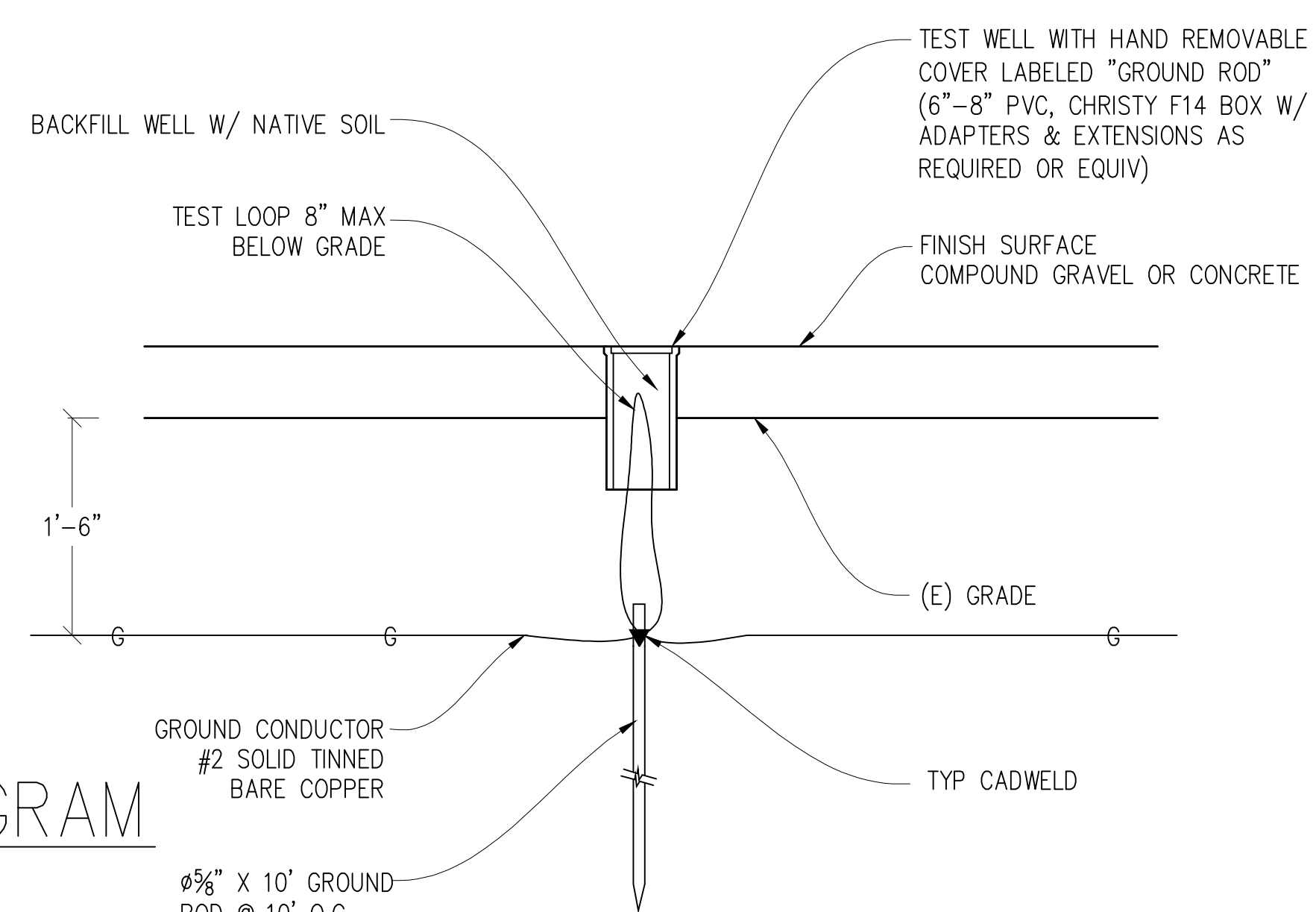
COPPER GROUND BUSS #1X4X24" VALMONT #B2988 OR EQUAL. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION. (ACTUAL GROUND BUSS SIZES WILL VARY BASED ON THE NUMBER OF GROUND CONNECTIONS)

**SINGLE LINE DIAGRAM**

**1 GROUND BUSS DETAIL**  
NOT TO SCALE

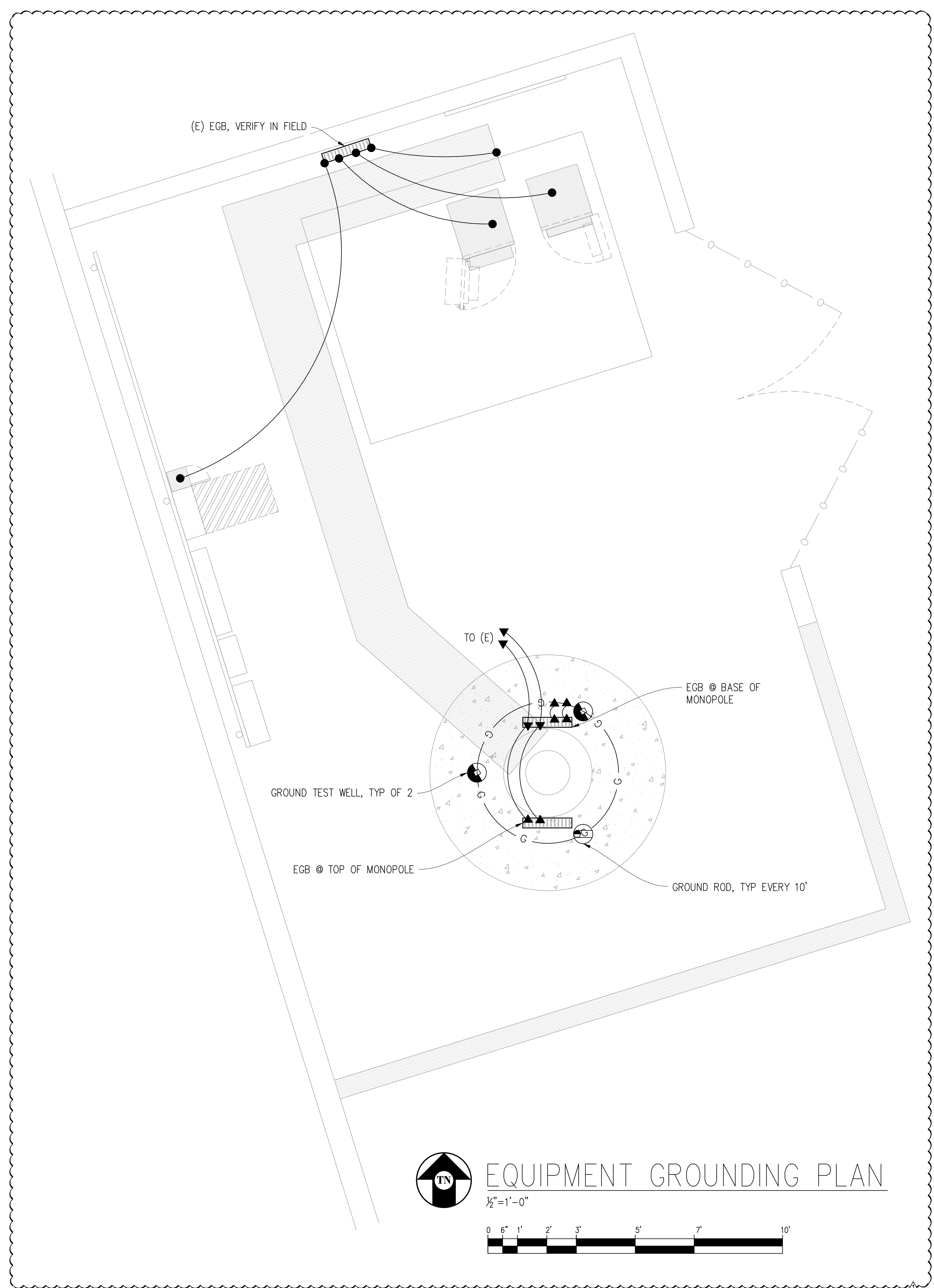


VALMONT GROUNDING BUSS #B2988 OR EQUIVALENT WITH HOLE PATTERN AND STANDOFF INSULATORS AND BRACKETS

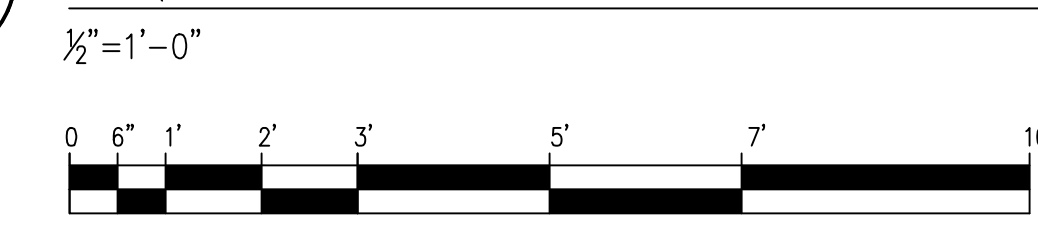


**2 TEST WELL DETAIL**  
1"=1'

NOTE: THE GROUND ELECTRODE SYSTEM SHALL CONSIST OF DRIVEN GROUND RODS. THE GROUND RODS SHALL BE 3/8" X 10' COPPER CLAD STEEL SPACED AT 10' INTERVALS MAX. RODS SHALL BE INTERCONNECTED WITH #2 SOLID TINNED BARE COPPER GROUND WIRE BURIED A MINIMUM 18" BELOW GRADE. AN ONSITE INSPECTION BY THE OWNER SHALL BE REQUIRED PRIOR TO ANY BACKFILL.



**EQUIPMENT GROUNDING PLAN**



**SR572 CANO FUNERAL HOME**  
828147  
2164 DR MARTIN LUTHER KING JR BLVD, STOCKTON, CA 95205

**ISSUE STATUS**

Δ	DATE	DESCRIPTION	
	05/12/21	CD 90%	-
	06/08/21	CD 95%	C.T.C
Δ	07/13/22	PLAN COMMENTS	C.T.C
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: -  
CHECKED BY: -  
APPROVED BY: -  
DATE: 07/13/2022

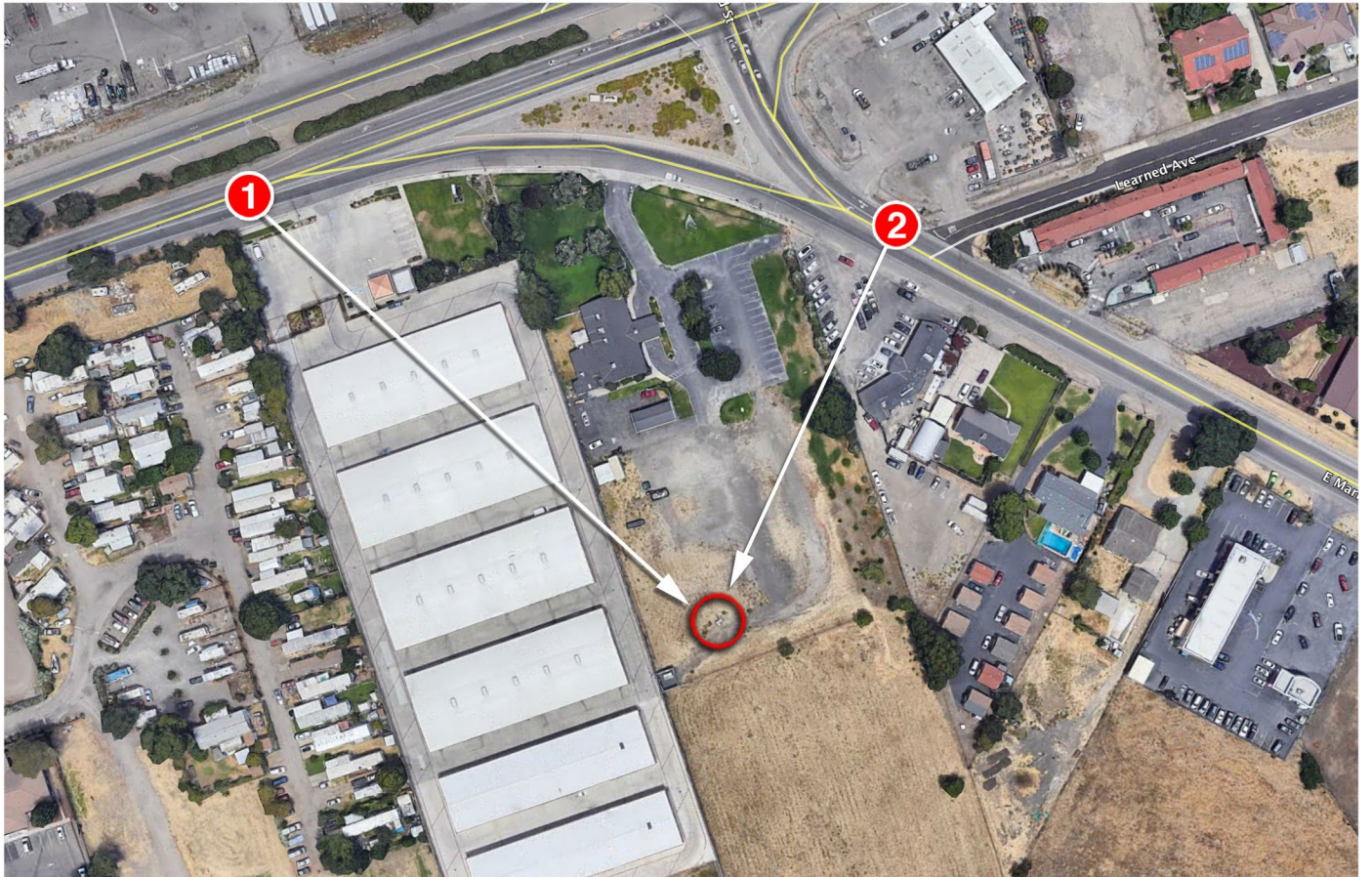
**Streamline Engineering and Design, Inc.**  
8445 Sierra College Blvd, Suite E Granite Bay, CA 95746  
Contact: Kevin Sorensen Phone: 916-660-1930  
E-Mail: Kevin@streamlineeng.com Fax: 916-660-1941  
THESE PLANS AND SPECIFICATIONS ARE PRELIMINARY AND NOT TO BE USED FOR CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGN, INC. AND SHALL BE KEPT IN CONFIDENCE. ALL RIGHTS RESERVED.

**PRELIMINARY: NOT FOR CONSTRUCTION**  
KEVIN R. SORENSEN  
S4469

**CROWN CASTLE**  
ONE PARK PLACE, SUITE 300  
DUBLIN, CA 94568

SHEET TITLE:  
**GROUNDING PLAN & DETAILS**  
SHEET NUMBER:  
**E-2**









Existing



Proposed





Existing



Proposed