

Exhibit A

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**EXHIBIT A
DRAFT RESOLUTION**

**Before the Housing and Community Development Chief of Planning
in and for the County of Monterey, State of California**

In the matter of the application of:

GARDNER EMILY SARAH ET AL (T-MOBILE) (PLN250356)

RESOLUTION NO. 26-049

Resolution by the Monterey County HCD Chief of Planning:

- 1) Finding the project Categorical Exempt pursuant to CEQA Guidelines section 15301 and no exceptions to section 15300.2 apply; and
- 2) Approving a Minor and Trivial Amendment to a previously approved Combined Development Permit (PC92-214, Planning Commission Resolution 93-021) consisting of:
 - a) A Use Permit for cellular equipment shelter; and
 - b) A Use Permit in area of visual sensitivity.

This Amendment would allow for a co-location of a wireless communications facility with associated improvements, including an increase in the height of the 62 feet monopole to 70 plus feet in height.

[PLN250356, GARDNER EMILY SARAH ET AL (T-MOBILE), 58 Asoleado Drive, Carmel Valley, Cachagua Area Plan (APN: 417-111-009-000)]

The GARDNER EMILY SARAH ET AL (T-MOBILE) application (PLN250356) came for administrative decision before the Monterey County HCD Chief of Planning on May 20, 2026. Having considered all the written and documentary evidence, the administrative record, the staff report, oral testimony, and other evidence presented, the HCD Chief of Planning finds and decides as follows:

FINDINGS

1. **FINDING:** **PROCESS REQUIREMENTS** – The County has received and processed a Minor and Trivial Amendment to previously approved Combined Development Permit (HCD Planning File No. PC92-214; Planning Commission Resolution No. 93-021).
EVIDENCE: a) On November 21, 2025, an application for a Minor and Trivial Amendment (PLN250356) was submitted to HCD-Planning staff. This application was submitted in accordance with Title 21 section 21.76.120.

- b) Background. On January 27, 1993, the Monterey County Planning Commission approved PC92-214 for a Combined Development Permit consists of: 1) A Use Permit for cellular equipment shelter and 2) a Use Permit in area of visual sensitivity. Approval of this permit included 7 conditions of approval.
- c) Conditions of Approval. All previously approved 7 conditions of approval are in a “Met” or “On-going” status. No Conditions of Approval from PC92-214 are being carried forward to this Minor and Trivial Amendments (PLN250356) due to the minor project scope of this project.
- d) The findings and evidence from PC92-214 (Planning Commission Resolution No. 93-021) are incorporated by reference. The proposed Minor and Trivial Amendment (PLN250356) will be the operating entitlement for the subject property.
- e) The application, plans, and supporting materials submitted by the project applicant to the County of Monterey HCD-Planning for the proposed amendment can be found in Project File Nos. PC92-214 and PLN250356.

2. **FINDING:** **CONSISTENCY** – The Project, as conditioned, is consistent with the applicable plans and policies which designate this area as appropriate for development.

- EVIDENCE:**
- a) During the course of review of this application, the project has been reviewed for consistency with the text, policies, and regulations in:
 - the 2010 County of Monterey General Plan;
 - Cachagua Area Plan; and
 - County of Monterey Zoning Ordinance (Title 21).

No conflicts were found to exist. No communications were received during the course of review of the project indicating any inconsistencies with the text, policies, and regulations in these documents.

- b) Project Description. The project includes co-location of a wireless communication facility, including six antennas and six remote radio units on an established, approved wireless communication facility, including a 30-foot-tall steel self-support tower antenna structure added on top of the existing platform at 40 feet. The co-location will occur at 40 feet in height of the existing 62-foot tower. With the added tower support, the resulting height will increase from 62 feet to 70 feet. Additionally, two walk-in-cabinet shelters and a new concrete slab will be constructed within the 10 by 15-foot lease area.
- c) Allowed Use. The property is located at 58 Asoleado Drive (Assessor’s Parcel Number 417-111-0090-00), Cachagua Area Plan. The parcel has split zoning of Permanent Grazing, 40 acres building site minimum, and Design Control overlay or “PG/40/D”; Permanent Grazing, 40 acres building site minimum or “PG/40, and Resource Conservation, 20 acres building site minimum, or “RC/20”. The proposed site is within the PG/40/D which allows for the co-location of wireless communication facilities pursuant to Title 21 section 21.34.040.H. Additionally, Title 21 section 21.64.310 establishes regulations for such facilities (see Finding 7). Therefore, the project is an allowed land use for this site.

- d) Minor and Trivial Amendment. In comparison to the previously approved Permit (Planning Commission Resolution No. 93-021), the amendment will have no new environmental impacts as the project is already within the existing disturbed project site. The amendment will have an inconsequential effect on land in relation to the previously approved permit and will continue to meet all relevant site development standards. Therefore, in accordance with Title 21 section 21.76.120.A, the proposed project is of a minor and trivial nature, and generally in keeping with the action of the appropriate authority, and therefore the Housing and Community Development Chief of Planning is the appropriate authority.
- e) Lot Legality. The parcel (Assessor's Parcel Number 417-111-009-000) is shown in its current size and configuration as 13.14 acres and is identified on the 1964 Assessor's Book Map in Sections 33 and 34 of Township 17 South, Range 3 East. Therefore, the County recognizes the subject property as a legal lot of record.
- f) Design and Visual Resources. The subject property zoning district does include a Design Control Overlay and is therefore subject to the regulations outlined in Title 21.44, which regulates the location, size, configuration, materials, and colors of the structures to assure the protection of the public viewshed, neighborhood character, and the visual integrity of development. The existing structure and tower are a dark grey and blend into the environment, are in a heavily forested and vegetated area, and are not visible from Cachagua Road.

Further, according to Monterey County Geographic Information System (GIS) records and Figure 12 (Cachagua Scenic Highway Corridors and Visual Sensitive Map) identify the parcel as Highly Sensitive. Pursuant to Policy CACH-3.1 in the Cachagua Area Plan states that within areas designated as "sensitive" or "highly sensitive" on Figure 12 landscaping or new development may be permitted if the development is located and designed in such a manner that public views are not disrupted. The co-location does not disrupt public views although it is identified as highly sensitive and may be permitted as the development is located and designed in such a manner that public views are not disrupted. The colors and materials proposed are to match the existing tower. Therefore, the proposed development is consistent with the neighborhood and community character

- g) Cultural Resources. County of Monterey Geographic Information System (GIS) identifies the subject property to be within a high archaeological sensitivity area, and the property is located within 750 feet of a known archaeological resource. The co-location is sited in the high archeological sensitivity area of the subject property. An archeological report is required pursuant to Title 21 section 21.66.050.C; however, the project is eligible for a Phase I archeological report waiver pursuant to Title 21 section 21.66.050.C.2.c.

The development is sited within the previously disturbed area where previous construction activities have occurred and will not involve cut, grading, or fill that affects depths that are greater than the existing and

previous project that occurred on the site. Further, the project site also has a significant amount of utility easements that crisscross the site, which impacted and disturbed more area than the proposed project.

Finally, the previous positive archeological report (LIB120167) on neighboring parcels did not indicate significant archeological resources and noted that “*the project area does not contain surface or subsurface evidence of potentially significant cultural resources*”. The location of the known archeological resource on the neighboring parcels is more than 250 feet away from the site development, therefore the requirements for the report can be waived pursuant to Title 21 section 21.66.050.C.2.e.

There is no evidence that any cultural resources would be disturbed due to the co-location, and the potential for inadvertent impacts to cultural resources is limited. This will be controlled by application of the County’s standard project condition (Condition No. 3), which requires the contractor to stop work if previously unidentified resources are discovered during construction.

- h) Wireless Telecommunication Facility. As demonstrated in Finding 7, the project is consistent with the regulations for siting and design of WCF contained in Title 21 section 21.64.310.
- i) Land Use Advisory Committee (LUAC) Review. Based on the Board of Supervisors Guidelines, the project was not referred to the Cachagua LUAC for review because the project does not involve the granting of a Design Approval at a public hearing, the preparation of an Initial Study or Environmental Impact Report, or a lot line adjustment.
- j) The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning are found in Project File PLN250356.

3. FINDING: **SITE SUITABILITY** – The site is physically suitable for the use proposed.

- EVIDENCE:**
- a) The project has been reviewed for site suitability by the following departments and agencies: HCD-Planning, HCD-Public Works, HCD-Environmental Services, and the Environmental Health Bureau. There has been no indication from these departments/agencies that the site is not suitable for the proposed development. Conditions recommended have been incorporated.
 - b) The following reports have been prepared:
 - “Radio Frequency- Electromagnetic Energy (RF-EME) Compliance Report” (LIB260082) prepared by Global Technology Associates, May 16, 2025

The above-mentioned technical reports by outside consultants indicated that there are no physical or environmental constraints that would indicate that the site is not suitable for the use proposed. County staff has independently reviewed these reports and concurs with their conclusions.

- c) Staff conducted a virtual site inspection on May 5, 2026, to verify that the site is suitable for this use.

- d) The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning are found in Project File PLN250356.

4. FINDING: **HEALTH AND SAFETY** - The establishment, maintenance, or operation of the project applied for will not under the circumstances of this particular case be detrimental to the health, safety, peace, morals, comfort, and general welfare of persons residing or working in the neighborhood of such proposed use, or be detrimental or injurious to property and improvements in the neighborhood or to the general welfare of the County.

- EVIDENCE:**
- a) The project was reviewed by HCD-Planning, HCD-Developmental Services, HCD-Environmental Services, and the Environmental Health Bureau. The respective agencies have recommended conditions, where appropriate, to ensure that the project will not have an adverse effect on the health, safety, and welfare of persons either residing or working in the neighborhood.
 - b) This is an unmanned wireless facility; necessary facilities are provided. This project would not alter these facilities. The Environmental Health Bureau has reviewed the project and made no comments.
 - c) A Radio-Frequency Electromagnetic (RF-EME) Modeling Report was prepared for the project. The RF-EME report indicated that there are no physical or environmental impacts resulting from radio frequency emissions that would be detrimental to public health and safety. This report is consistent with applicable requirements of the Federal Communications Commission (FCC).
 - d) Staff conducted a virtual site inspection on May 5, 2026, to verify that the site is suitable for this use.
 - e) The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning are found in Project File PLN250356.

5. FINDING: **NO VIOLATIONS** - The subject property is in compliance with all rules and regulations pertaining to zoning uses, subdivisions, and any other applicable provisions of the County's zoning ordinance. No violations exist on the property.

- EVIDENCE:**
- a) Staff reviewed County of Monterey HCD-Planning and HCD-Building Services records and is not aware of any violations existing on subject property.
 - b) Staff conducted a virtual site inspection on May 5, 2026, to verify that the site is suitable for this use.
 - c) The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning are found in Project File PLN250356.

6. FINDING: **CEQA (Exempt):** - The project is categorically exempt from environmental review, and no unusual circumstances were identified to exist for the proposed project.

- EVIDENCE:**
- a) California Environmental Quality Act (CEQA) Guidelines Section 15301 categorically exempts the construction and location of new, small facilities or structures.
 - b) The project involves the co-location of a new small wireless telecommunications facility, including increasing the height of an existing 62-foot tower to 70 feet with associated improvements (Finding 2, evidence “b”) in an approximately 4,200 square foot fenced area.
 - c) No adverse environmental effects were identified during staff review of the development application during a virtual site visit on May 5, 2026.
 - d) None of the exceptions under CEQA Guidelines Section 15300.2 apply to this project. The project does not involve alterations to a designated historical resource, a hazardous waste site, is not visible from a scenic highway, nor development that would result in a cumulatively significant impact. Although the project is in an area designated as having high visual sensitivity, as demonstrated in Finding Nos. 2, supporting evidence, the development is rural in design, compatible with the surrounding environment, and will not have an adverse impact on public or visual access. There are no unusual circumstances associated with undertaking the project that would create a reasonable possibility that the project would have a significant effect on the environment.
 - e) The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning for the proposed development found in Project File PLN250356.

7. FINDING WIRELESS COMMUNICATIONS FACILITIES – The development of the proposed wireless communications facility will not significantly affect any designated public viewing area, scenic corridor, or any identified environmentally sensitive area or resources. The site is adequate for the proposed development of the wireless communications facility, and the applicant has demonstrated that it is the most adequate for the provision of services as required by the Federal Communications Commission (FCC). The proposed wireless communication facility complies with all applicable requirements of County of Monterey Code (MCC) Title 21 section 21.64.310. The subject property on which the wireless communication facility is to be built is in compliance with all rules and regulations pertaining to zoning uses, subdivisions, and any other applicable provisions of MCC, and that all zoning violation abatement costs, if any, have been paid. The proposed telecommunication facility will not create a hazard for aircraft in flight.

- EVIDENCE:**
- a) The project consists of the co-location of a wireless communications facility including a 30-foot-tall steel self-support tower antenna structure added on top of the existing platform at 40 feet. The co-location will occur at 40 feet in height of the existing 62-foot tower. With the added tower support, the resulting height will increase from 62 feet to 70 feet. The site is located at 58 Asoleado Drive, Carmel Valley.
 - b) Pursuant to the requirements in Title 21 section 21.64.310.C.5, the County analyzed potential visual impacts which could result from the placement of the facility, and finds that the proposed facility will not create a significant visual impact from adjacent properties or roadways.

The subject property is in a designated Visually Sensitive area pursuant to MCC Title 21, and, according to Monterey County Geographic Information System (GIS) records identify the parcel as highly sensitive. The proposed facility will not be visible from adjacent properties and is not visible from Cachagua and Nason Road. Although the established facility has a 40-foot-high tower with an existing 22 foot monopole on top of the tower, the proposed co-location will add an additional 30 feet on top of the 40 foot high tower. The facility will not be noticeable to the passing motorist. The location is highly vegetated and is not visible from surrounding roads. Further, the facility would have similar visual impacts from this location; however, topography and vegetation further limit views of the ridgeline from this location. Conditions have been incorporated that require non-glare color treatment, that would reduce the visual impacts in the event of technological advances, and that would require removal and restoration of the site in case of termination of use (Condition Nos. 5 and 7).

- c) Title 21 section 21.64.310.H.1.b encourages co-location of wireless facilities when possible. While the existing tower will not be replaced and have minor additions, these additions will not substantially alter the visual impact of the existing metal tower as it is a co-location, when viewed from Cachagua and Nason Road. Co-location opportunities were analyzed for the proposed project, which the existing facility on the subject property is proposed to be used for co-location, meeting the coverage objectives identified in the plan provided. Photographic simulations provided by the applicant illustrate that there is not a significant increase to the visually perceived bulk or height of the existing tower. The project includes a condition to encourage future co-location by other wireless carriers (Condition No. 6).
- d) The project is consistent with MCC Chapter 21.86, Airport Approach Zoning, and does not require review by the County of Monterey Airport Land Use Commission. This project does not affect any aircraft zones identified in Title 21 section 21.86.050, and the proposed height is within the limitations outlined in Title 21 section 21.86.060.
- e) The project does not penetrate a FAR Part 77 Imaginary Surface. The project site is located approximately 16 miles (84,480 linear feet) from the Monterey Regional Airport, the nearest public use airport. If deemed necessary by the FCC, warning lights would be located on top of the structure to prevent conflict with any aircraft when visibility is limited.
- f) The project planner reviewed the project application materials and plans, as well as the County's GIS database, to verify that the project on the subject parcel conforms to the plans listed above and that the site is suitable for this use. The application, plans, and supporting materials submitted by the project applicant to County of Monterey HCD-Planning for the proposed development are found in Project File PLN250356.

8. FINDING: APPEALABILITY - The decision on this project may be appealed to the Planning Commission.

EVIDENCE: Title 21 section 21.80.040.A of the County of Monterey Zoning Ordinance states that the proposed project is appealable to the Planning Commission.

DECISION

NOW, THEREFORE, based on the above findings and evidence, the HCD Chief of Planning does hereby:

- 1) Finding the project Categorical Exempt pursuant to CEQA Guidelines section 15301 and no exceptions to section 15300.2 apply; and
- 2) Approving a Minor and Trivial Amendment to a previously approved Combined Development Permit (PC92-214, Planning Commission Resolution 93-021) consisting of:
 - a) A Use Permit for cellular equipment shelter; and
 - b) A Use Permit in area of visual sensitivity.

This Amendment would allow for a co-location of a wireless communications facility with associated improvements, including an increase in the height of the 62 feet monopole to 70 plus feet in height.

All of which are in general conformance with the attached sketch and subject to the attached conditions, all being attached hereto and incorporated herein by reference.

PASSED AND ADOPTED this 20th day of May 2026.

Melanie Beretti, AICP
Chief of Planning

COPY OF THIS DECISION MAILED TO APPLICANT ON _____.

THIS APPLICATION IS APPEALABLE TO THE PLANNING COMMISSION.

IF ANYONE WISHES TO APPEAL THIS DECISION, AN APPEAL FORM MUST BE COMPLETED AND SUBMITTED TO THE CLERK OF THE BOARD ALONG WITH THE APPROPRIATE FILING FEE ON OR BEFORE _____.

This decision, if this is the final administrative decision, is subject to judicial review pursuant to California Code of Civil Procedure Sections 1094.5 and 1094.6. Any Petition for Writ of Mandate must be filed with the Court no later than the 90th day following the date on which this decision becomes final.

NOTES

1. You will need a building permit and must comply with the County of Monterey Building Ordinance in every respect.

Additionally, the Zoning Ordinance provides that no building permit shall be issued, nor any use conducted, otherwise than in accordance with the conditions and terms of the permit granted or until ten days after the mailing of notice of the granting of the permit by the appropriate authority, or after granting of the permit by the Board of Supervisors in the event of appeal.

Do not start any construction or occupy any building until you have obtained the necessary permits and use clearances from County of Monterey HCD-Planning and HCD-Building Services Department office in Salinas.

2. This permit expires 3 years after the above date of granting thereof unless construction or use is started within this period.

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County of Monterey HCD Planning

DRAFT Conditions of Approval/Implementation Plan/Mitigation Monitoring and Reporting Plan

PLN250356

1. PD001 - SPECIFIC USES ONLY

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: Minor and Trivial Amendment to a previously approved Combined Development Permit (PC92214) to allow including the installation of six (6) new antennas, six (6) new RRUs, two (2) new cabinets, new concrete slab within existing site. This Amendment would allow for a co-location of a wireless communications facility with associated improvements, including an increase in the height of the 62 feet monopole to 70 plus feet in height. The property is located at 58 Asoleado Drive (Assessor's Parcel Number 417-111-009-000), Cachagua Area Plan. This permit was approved in accordance with County ordinances and land use regulations subject to the terms and conditions described in the project file. Neither the uses nor the construction allowed by this permit shall commence unless and until all of the conditions of this permit are met to the satisfaction of the Director of HCD - Planning. Any use or construction not in substantial conformance with the terms and conditions of this permit is a violation of County regulations and may result in modification or revocation of this permit and subsequent legal action. No use or construction other than that specified by this permit is allowed unless additional permits are approved by the appropriate authorities. To the extent that the County has delegated any condition compliance or mitigation monitoring to the Monterey County Water Resources Agency, the Water Resources Agency shall provide all information requested by the County and the County shall bear ultimate responsibility to ensure that conditions and mitigation measures are properly fulfilled. (HCD - Planning)

Compliance or Monitoring Action to be Performed: The Owner/Applicant shall adhere to conditions and uses specified in the permit on an on-going basis unless otherwise stated.

2. PD002 - NOTICE PERMIT APPROVAL

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: The applicant shall record a Permit Approval Notice. This notice shall state:
"A Minor and Trivial Amendment (Resolution Number 26-) was approved by the Chief of Planning for Assessor's Parcel Number 417-111-009-000 on May 20, 2026. The permit was granted subject to 8 conditions of approval which run with the land. A copy of the permit is on file with Monterey County HCD - Planning."

Proof of recordation of this notice shall be furnished to the Director of HCD - Planning prior to issuance of grading and building permits, Certificates of Compliance, or commencement of use, whichever occurs first and as applicable. (HCD - Planning)

Compliance or Monitoring Action to be Performed: Prior to the issuance of grading and building permits, certificates of compliance, or commencement of use, whichever occurs first and as applicable, the Owner/Applicant shall provide proof of recordation of this notice to the HCD - Planning.

3. PD003(A) - CULTURAL RESOURCES NEGATIVE ARCHAEOLOGICAL REPORT

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: If, during the course of construction, cultural, archaeological, historical or paleontological resources are uncovered at the site (surface or subsurface resources) work shall be halted immediately within 50 meters (165 feet) of the find until a qualified professional archaeologist can evaluate it. Monterey County HCD - Planning and a qualified archaeologist (i.e., an archaeologist registered with the Register of Professional Archaeologists) shall be immediately contacted by the responsible individual present on-site. When contacted, the project planner and the archaeologist shall immediately visit the site to determine the extent of the resources and to develop proper mitigation measures required for recovery.
(HCD - Planning)

Compliance or Monitoring Action to be Performed: The Owner/Applicant shall adhere to this condition on an on-going basis.
Prior to the issuance of grading or building permits and/or prior to the recordation of the final/parcel map, whichever occurs first, the Owner/Applicant shall include requirements of this condition as a note on all grading and building plans. The note shall state "Stop work within 50 meters (165 feet) of uncovered resource and contact Monterey County HCD - Planning and a qualified archaeologist immediately if cultural, archaeological, historical or paleontological resources are uncovered."

When contacted, the project planner and the archaeologist shall immediately visit the site to determine the extent of the resources and to develop proper mitigation measures required for the discovery.

4. CC01 INDEMNIFICATION

Responsible Department: County Counsel-Risk Management

Condition/Mitigation Monitoring Measure: Owner/Applicant agrees as a condition and in consideration of approval of this discretionary development permit that it will, pursuant to agreement and/or statutory provisions as applicable, including but not limited to Government Code section 66474.9, defend, indemnify, and hold harmless the County of Monterey and/or its agents, officers, and/or employees from any claim, action, or proceeding against the County and/or its agents, officers, and/or or employees to attack, set aside, void, or annul this approval and/or related subsequent approvals, including, but not limited to, design approvals, which action is brought within the time provided for under law. Owner/Applicant shall reimburse the County for any court costs and attorney's fees that the County may be required by a court to pay as a result of such action.

The County shall notify Owner/Applicant of any such claim, action, and/or proceeding as expeditiously as possible. The County may, at its sole discretion, participate in the defense of such action. However, such participation shall not relieve Owner/Applicant of his/her/its obligations under this condition. Regardless, the County shall cooperate fully in defense of the claim, action, and/or proceeding.

(County Counsel-Risk Management)

Compliance or Monitoring Action to be Performed: This Indemnification Obligation binds Owner/Applicant from the date of approval of this discretionary development permit forward. Regardless, on written demand of the County Counsel's Office, Owner/Applicant shall also execute and cause to be notarized an agreement to this effect. The County Counsel's Office shall send Owner/Applicant an indemnification agreement. Owner/Applicant shall submit such signed and notarized Indemnification Agreement to the Office of the County Counsel for County's review and signature. Owner/Applicant shall then record such indemnification agreement with the County of Monterey Recorder's Office. Owner/Applicant shall be responsible for all costs required to comply with this paragraph including, but not limited to, notary costs and Recorder fees.

5. PD039(B) - WIRELESS REDUCE VISUAL IMPACTS

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: The applicant shall agree in writing that if future technological advances allow for reducing the visual impacts of the telecommunication facility, the applicant shall make modifications to the facility accordingly to reduce the visual impact as part of the facility's normal replacement schedule. (HCD - Planning)

Compliance or Monitoring Action to be Performed: Prior to the issuance of grading or building permits, the Owner/Applicant shall submit, in writing, a declaration agreeing to comply with the terms of this condition HCD - Planning for review and approval.

6. PD039(C) - WIRELESS CO-LOCATION

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: The applicant and/or successors assigns shall encourage co-location by other wireless carriers on this tower assuming appropriate permits are approved for co-location. Any expansion or additions of microwave dishes, antennas and/or similar appurtenances located on the monopole, which are not approved pursuant to this permit, are not allowed unless the appropriate authority approves additional permits or waivers. In any case, the overall height of the pole shall not exceed the specified height. (HCD - Planning)

Compliance or Monitoring Action to be Performed: On an on-going basis, the Owner/Applicant shall encourage co-location by other wireless carriers on this tower assuming appropriate permits are approved for co-location. The overall height of the pole shall not exceed ___ feet.

7. PD039(D) - WIRELESS REMOVAL

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: If the applicant abandons the facility or terminates the use, the applicant shall remove the monopole, panel antennas, and equipment shelter. Upon such termination or abandonment, the applicant shall enter into a site restoration agreement subject to the approval of the Director of HCD - Planning and County Counsel. The site shall be restored to its natural state within six (6) months of the termination of use or abandonment of the site. (HCD - Planning)

Compliance or Monitoring Action to be Performed: Prior to abandoning the facility or terminating the use, the Owner/Applicant shall submit a site restoration agreement to HCD - Planning subject to the approval of the HCD - Director of Planning and County Counsel.

Within 6 months of termination of use or abandonment of the site, the Owner Applicant shall restore the site to its natural state.

8. PD039(E) - WIRELESS EMISSION

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: The facility must comply with Federal Communications Commission (FCC) emission standards. If the facility is in violation of FCC emission standards, the Director of HCD - Planning shall set a public hearing before the Appropriate Authority whereupon the appropriate authority may, upon a finding based on substantial evidence that the facility is in violation of the then existing FCC emission standards, revoke the permit or modify the conditions of the permit. (HCD - Planning)

Compliance or Monitoring Action to be Performed: Prior to commencement of use and on an on-going basis, the Owner/Applicant shall submit documentation demonstrating compliance with the FCC emission standards to the Director of HCD-Planning for review and approval.

On an on-going basis, if the facility is in violation of FCC emission standards, the Director of HCD-Planning shall set a public hearing before the Appropriate Authority to consider revocation or modification of the permit.

T-MOBILE WEST LLC



CARMEL HILLTOP

PROJECT - NSD
58 ASOLEADO ROAD, CARMEL VALLEY, CA 93924

SFL0007A

RFDS VER#: 1_10/29/2024

Issued For:

SFL0007A
CARMEL HILLTOP

58 ASOLEADO ROAD
CARMEL VALLEY, CA 93924

PREPARED FOR



1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:



SITE NO: SFL0007A

PROJECT NO: -

DRAWN BY: -

CHECKED BY: S. SAVIG

APPROVED BY: -

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
2	07/31/25	CLIENT REV	S.V.
1	03/21/25	CD 95%	C.T.C
0	02/14/25	CD 90%	-

Licensee:

PRELIMINARY:
NOT FOR
CONSTRUCTION

KEVIN R. SORENSEN
S4469

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:

3840 Taylor Road, Suite A, Lodi, CA 95660
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

THIS PLAN AND SPECIFICATIONS, AGREEMENTS OR CONTRACTS, AND ALL WORK UNDER THIS PLAN AND SPECIFICATIONS SHALL BE THE PROPERTY OF STREAMLINE ENGINEERING, INC. AND SHALL REMAIN THE PROPERTY OF STREAMLINE ENGINEERING, INC. ALL RIGHTS RESERVED.

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

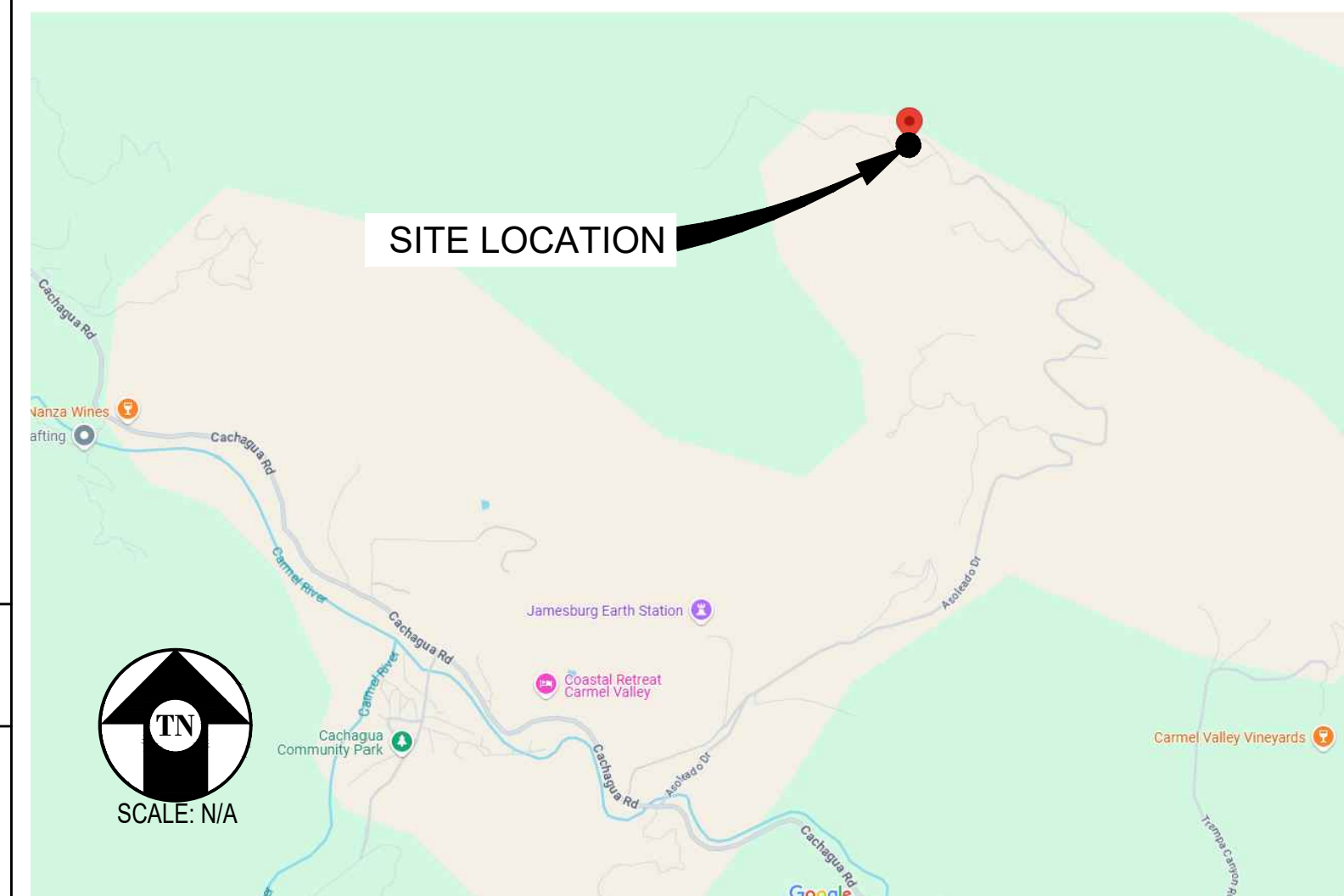
T-1.1

PROJECT DESCRIPTION

A (N) T-MOBILE COLOCATION TO (E) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF:

- (N) 10'-0"x15'-0" (150 SQ FT) LEASE AREA
- INSTALLING (3) (N) SITE PRO 1 V-FRAMES & (3) STIFF ARMS
- INSTALLING (6) (N) ANTENNAS ON (N) TOWER EXTENSION
- INSTALLING (3) (N) RRUS-4480 B71/B85 RADIOS @ ANTENNAS
- INSTALLING (3) (N) RRUS-4460 B25/B66 RADIOS @ ANTENNAS
- INSTALLING (2) (N) 6X24 HYBRID CABLES
- INSTALLING (N) 3'-6"x6'-0" CONCRETE SLAB
- INSTALLING (1) (N) B160 BATTERY CABINET W/ (N) BATTERIES INSIDE
- INSTALLING (1) (N) 6160 EQUIPMENT CABINET W/ (N) RACK MOUNTED EQUIPMENT INSIDE
- INSTALLING (1) (N) FIBER WINDER BOX
- INSTALLING (N) UTILITIES TO (N) SITE LOCATION

VICINITY MAP



DRIVING DIRECTIONS

FROM: 1200 CONCORD AVE, SUITE 500, CONCORD, CA 94520
TO: 58 ASOLEADO ROAD, CARMEL VALLEY, CA 93924

1. HEAD NORTH TOWARD CONTRA COSTA BLVD 266 FT
2. TURN LEFT ONTO CONCORD AVE 0.7 MI
3. TURN RIGHT ONTO CONTRA COSTA BLVD 0.1 MI
4. TURN RIGHT TO MERGE ONTO I-680 S 0.1 MI
5. MERGE ONTO I-680 S 51.1 MI
6. USE THE RIGHT 3 LANES TO TAKE EXIT 1B ONTO US-101 S 57.8 MI
7. TAKE EXIT 327 TO MERGE ONTO CA-68 W 0.1 MI
8. MERGE ONTO CA-68W 0.8 MI
9. USE LEFT 2 LANES TO TURN LEFT ONTO CA-68 W 9.6 MI
10. USE THE LEFT 2 LANES TO TURN LEFT ONTO LAURELES GRADE 5.8 MI
11. TURN LEFT ONTO W CARMEL VALLEY RD 6.4 MI
12. TURN RIGHT ONTO CACHAGUA RD 6.6 MI
13. TURN LEFT ONTO ASOLEADO DR 2.9 MI

END AT: 58 ASOLEADO ROAD, CARMEL VALLEY, CA 93924

ESTIMATED TIME: 2 HOURS 45 MINUTES ESTIMATED DISTANCE: 142 MI

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:

- 2022 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.

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

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PROJECT INFORMATION

SITE NAME:	CARMEL HILLTOP	SITE #:	SFL0007A
COUNTY:	MONTEREY	JURISDICTION:	MONTEREY COUNTY
APN:	417-111-009	POWER:	PG&E
SITE ADDRESS:	58 ASOLEADO ROAD CARMEL VALLEY, CA 93924	TELEPHONE:	AT&T
CURRENT ZONING:	TBD	LATITUDE:	N 36° 25' 07.38" NAD 83 N 36.418717° NAD 83
CONSTRUCTION TYPE:	V-B	LONGITUDE:	W 121° 38' 17.64" NAD 83 W 121.638233° NAD 83
OCCUPANCY TYPE:	U, (UNMANNED COMMUNICATIONS FACILITY)	GROUND ELEVATION:	2212.2' AMSL
PROPERTY OWNER:	GARDNER EMILY SARAH ET AL 10 W CARMEL VALLEY CARMEL VALLEY, CA 93924		
APPLICANT:	T-MOBILE WEST LLC 1200 CONCORD AVE, SUITE 500 CONCORD, CA 94520		
SITE ACQUISITION COMPANY:	SMARTLINK GROUP 1997 ANNAPOLIS EXCHANGE PARKWAY, SUITE 200 ANNAPOLIS, MD 21401		
LEASING CONTACT:	ATTN: ELIZABETH ROSE (225) 408-2584 ELIZABETH.ROSE@SMARTLINKGROUP.COM		
ZONING CONTACT:	ATTN: ERIC LENTZ (805) 895-4394 LENTZPLANNING@GMAIL.COM		
CONSTRUCTION CONTACT:	ATTN: JOHN HARRIS (312) 607-8870 JOHN.HARRIS@SMARTLINKGROUP.COM		

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



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 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 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 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.
- 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 2022 CBC.
- 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 B (F_y=46,000 PSI). 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.
- 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).

CONCRETE NOTES

- ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 318-19. CONCRETE MIX DESIGN SHALL BE REVIEWED BY AN INDEPENDENT TESTING LABORATORY AND SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW.
- CONTRACTOR SHALL VERIFY SITE CONDITIONS & ALL DIMENSIONS PRIOR TO STARTING WORK. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES FOR RESOLUTION PRIOR TO PROCEEDING.
- ALL CONCRETE SHALL BE A MINIMUM 5 SACK MIX WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.
- CEMENT SHALL CONFORM TO ASTM C150, TYPE II.
- CONCRETE AGGREGATES SHALL CONFORM TO ASTM C33.
- ALL REINFORCING STEEL SHALL BE GRADE 60 AND CONFORM TO ASTM A615 UNLESS OTHERWISE NOTED. SEE PLAN FOR SIZE AND PLACEMENT.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064.
- REINFORCING STEEL SHALL BE FABRICATED ACCORDING TO "MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION".
- MINIMUM LAP SPLICE SHALL BE 56 BAR DIAMETERS UNLESS OTHERWISE NOTED.
- MINIMUM BEND DIAMETER SHALL BE 6 BAR DIAMETERS UNLESS OTHERWISE NOTED.
- MINIMUM REINFORCING COVERAGE IS 3" UNLESS OTHERWISE NOTED.
- CONCRETE SHALL BE PLACED AGAINST FIRM UNDISTURBED NON EXPANSIVE SOIL AT DEPTH SHOWN. WHERE OTHER CONDITIONS ARE ENCOUNTERED DURING EXCAVATION THE ENGINEER SHALL BE NOTIFIED AND REMEDIAL MEASURES PRESCRIBED PRIOR TO PROCEEDING WITH WORK.
- BOTTOM OF ALL FOOTING TRENCHES SHALL BE CLEAN AND LEVEL. REMOVE ALL DEBRIS BEFORE PLACING ANY CONCRETE.
- ALL ANCHOR BOLTS & THREADED ROD SHALL BE ASTM F1554, GR.36 MINIMUM UNLESS OTHERWISE NOTED, NEW, & WITHOUT SIGNIFICANT RUST.
- A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE UNLESS OTHERWISE NOTED.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE.
- ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED BY MOTORIZED VIBRATORY MEANS AND THOROUGHLY WORKED AROUND REINFORCEMENT, EMBEDDED ITEMS AND INTO CORNERS OF FORMS.

EXPANSION & EPOXY ANCHORS

- EXPANSION AND EPOXY ANCHORS SHALL BE IN CONFORMANCE WITH ALL REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE (CBC).
- 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
- CONCRETE EXPANSION ANCHORS SHALL BE KWIK BOLT TZ2 BY HILTI, INC., TULSA, OKLAHOMA AS PER ICC REPORT NO. ESR-4266 OR APPROVED EQUIVALENT.
- 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 1 3/8" 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 2022 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 CWI (316) (1/4" TO 3/8") OR F593 CW2 (316) (3/8" 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 TZ2

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)

TRENCHING NOTES

- CALL BEFORE YOU DIG. CONTRACTOR IS REQUIRED TO CALL 811 (NATIONWIDE "CALL BEFORE YOU DIG" HOTLINE) AT LEAST 72 HOURS BEFORE DIGGING.
- VERIFY ALL TRENCHING REQUIREMENTS WITH SERVING UTILITIES.
- RESTORE GRADE TO ORIGINAL CONDITION OR BETTER.
- RETURN FILL TO 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM STANDARDS.
- RESTORE CUT CONCRETE OR ASPHALT TO ORIGINAL CONDITION OR BETTER.



NATIONWIDE UNDERGROUND SERVICE ALERT

Issued For:

SFL0007A
CARMEL HILLTOP

 58 ASOLEADO ROAD
 CARMEL VALLEY, CA 93924

PREPARED FOR

T-Mobile

 1200 CONCORD AVE, SUITE 500
 CONCORD, CA 94520

Vendor:

smartlink

SITE NO: SFL0007A
 PROJECT NO: -
 DRAWN BY: -
 CHECKED BY: S. SAVIG
 APPROVED BY: -

ISSUE STATUS			
NO.	DATE	DESCRIPTION	CAD
2	07/31/25	CLIENT REV	S.V.
1	03/21/25	CD 95%	C.T.C
0	02/14/25	CD 90%	-
REV	DATE	DESCRIPTION	CAD

Licensee:

PRELIMINARY:
NOT FOR
CONSTRUCTION

 KEVIN R. SORENSEN
 S4469

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
 3840 Taylor Road, Suite A, Leominster, MA 01450
 Contact: Kevin Sorensen Phone: 916-660-1930
 E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

THIS PLAN AND SPECIFICATIONS, AGREEMENTS OR CONTRACTS ARE THE PROPERTY OF STREAMLINE ENGINEERING. ANY REVISIONS TO THIS PLAN SHALL BE MADE BY ANY WRITTEN INSTRUMENT. WITHOUT SUCH INSTRUMENT, ANY REVISIONS SHALL BE VOID. THIS PLAN IS THE PROPERTY OF STREAMLINE ENGINEERING, INC. ALL RIGHTS RESERVED.

SHEET TITLE:

NOTES

SHEET NUMBER:

T-1.2

CFC CHAPTER 12 COMPLIANCE

TOTAL = 12 BATTERIES X 2.28 kWh/BATTERY = 27.36 kWh
 (SINCE LESS THAN 70kWh OF CAPACITY, CFC CHAPTER 1207, TABLE 1207.1.1, SECTIONS 1207.1.2-1207.11.10 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

BATTERY TYPE: NSB210FT RED
 NUMBER OF UNITS W/ BATTERIES: 1
 NUMBER OF BATTERIES PER SITE: 12
 MATERIAL: ELECTROLYTE VOLUME: 2.4 GALLONS SITE TOTAL: 28.8 GALLONS
 MATERIAL: ACID WEIGHT: 14.9 LBS SITE TOTAL: 178.8 LBS
 MATERIAL: LEAD WEIGHT: 43.6 LBS SITE TOTAL: 523.2 LBS
 MATERIAL: LEAD OXIDE WEIGHT: 56.6 LBS SITE TOTAL: 679.2 LBS

PROPERTY INFORMATION

OWNER: GARDNER EMILY SARAH ET AL
 ADDRESS: 10 W CARMEL VALLEY
 CARMEL VALLEY, CA 93924
 SITE: CARMEL HILLTOP
 58 ASOLEADO ROAD
 CARMEL VALLEY, CA 93924

ASSESSOR'S PARCEL NUMBER: 417-111-009
 EXISTING GROUND ELEVATION: CENTER OF SECTORS=2212.2'AMSL

SURVEYOR'S NOTES

ALL EASEMENTS CONTAINED IN SAID TITLE REPORT AFFECTING THE IMMEDIATE AREA SURROUNDING THE LEASE HAVE BEEN PLOTTED. SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE ISSUED. THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.

BASIS OF BEARING

BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM STATE PLANE COORDINATE ZONE 3, DETERMINED BY GPS OBSERVATIONS.

BENCHMARK

ELEVATION ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS, APPLYING GEOID 99 SEPARATIONS, CONSTRAINING TO NGS CONTROL STATION 'LUTZ' ELEVATION=450.0' (NAVD88)

TITLE REPORT

NO TITLE REPORT WAS PROVIDED AT THE TIME OF SURVEY.

LESSOR'S LEGAL DESCRIPTION

ALL THAT CERTAIN REAL PROPERTY SITUATE IN THE COUNTY OF MONTEREY, STATE OF CALIFORNIA, AND AS SHOWN ON SAID TITLE REPORT.

SURVEY DATE

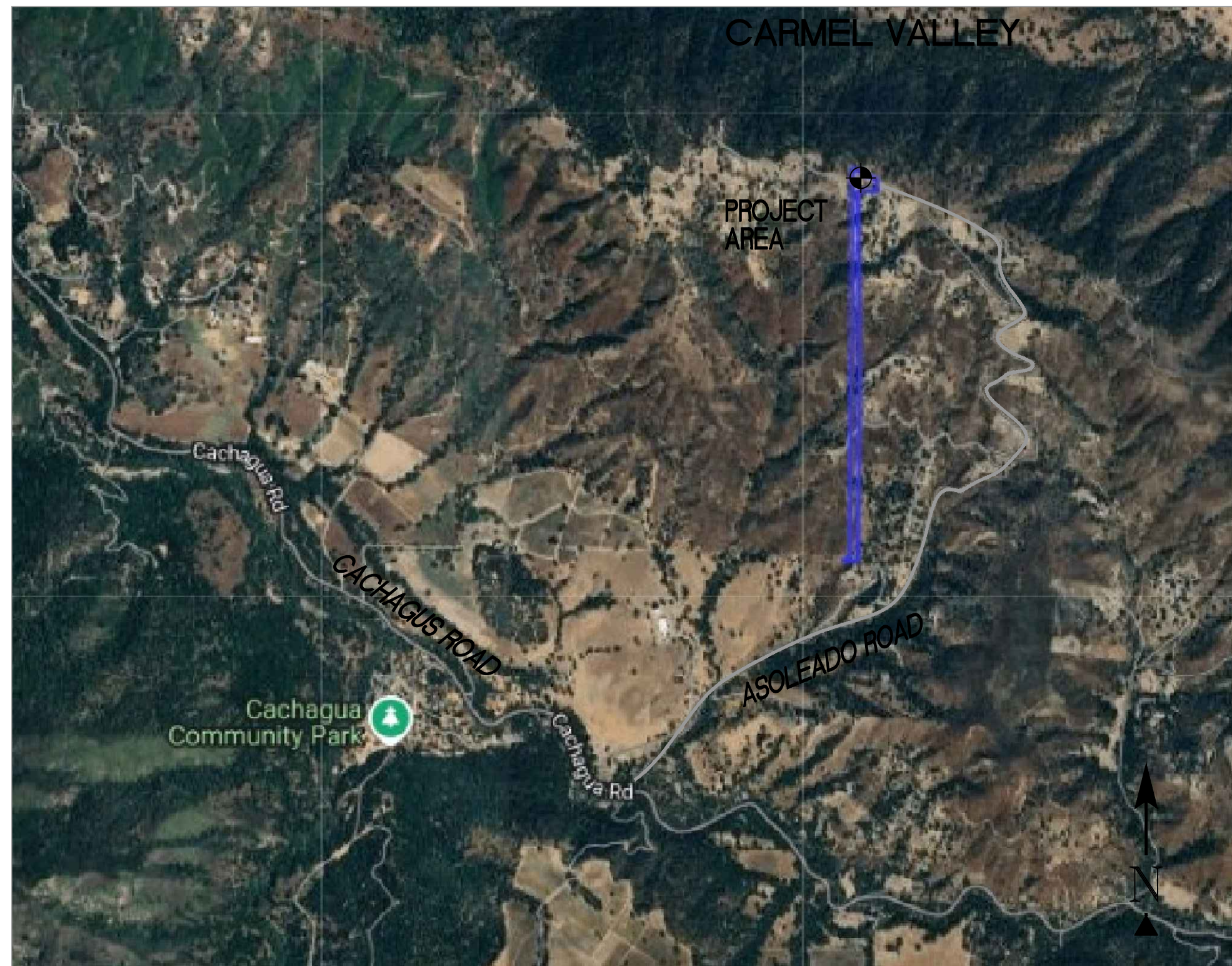
1/22/2025

LEGEND

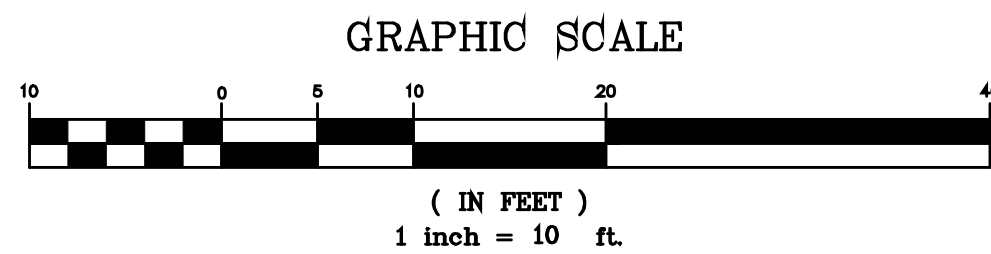
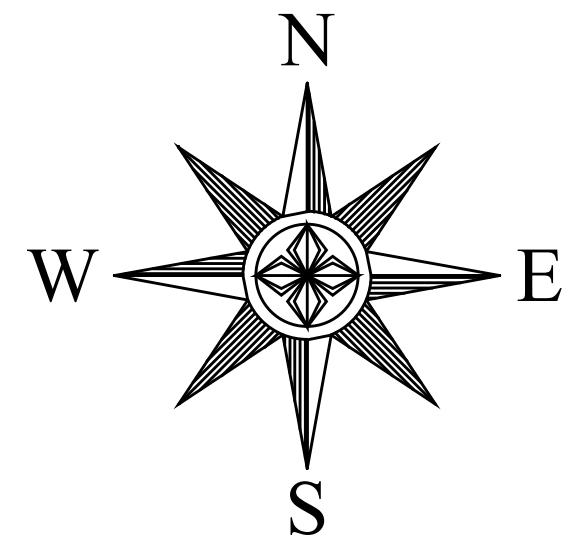
- P.O.B. POINT OF BEGINNING
- TFC TOP FACE OF CURB
- R/W RIGHT OF WAY
- EP EDGE OF PAVEMENT
- D/W ACCESS DRIVEWAY
- PS PARKING SPACE
- SW SIDEWALK
- PAR TOP OF PARAPET
- ROOF TOP OF ROOF
- GR GROUND SHOT
- WATER CONTROL VALVE
- FIRE HYDRANT
- GUY CONDUCTOR
- FOUND AS NOTED
- POWER POLE
- LIGHT POLE
- ELECTRICAL TRANSFORMER
- AIR CONDITIONING UNIT
- TELEPHONE PEDESTAL
- TELEPHONE VAULT
- TELEPHONE MANHOLE
- GAS VALVE
- GAS METER
- GEODETIC COORDINATES
- SPOT ELEVATION
- DISH ANTENNA
- PROPERTY LINE
- CHAIN LINK FENCE

UTILITY NOTES

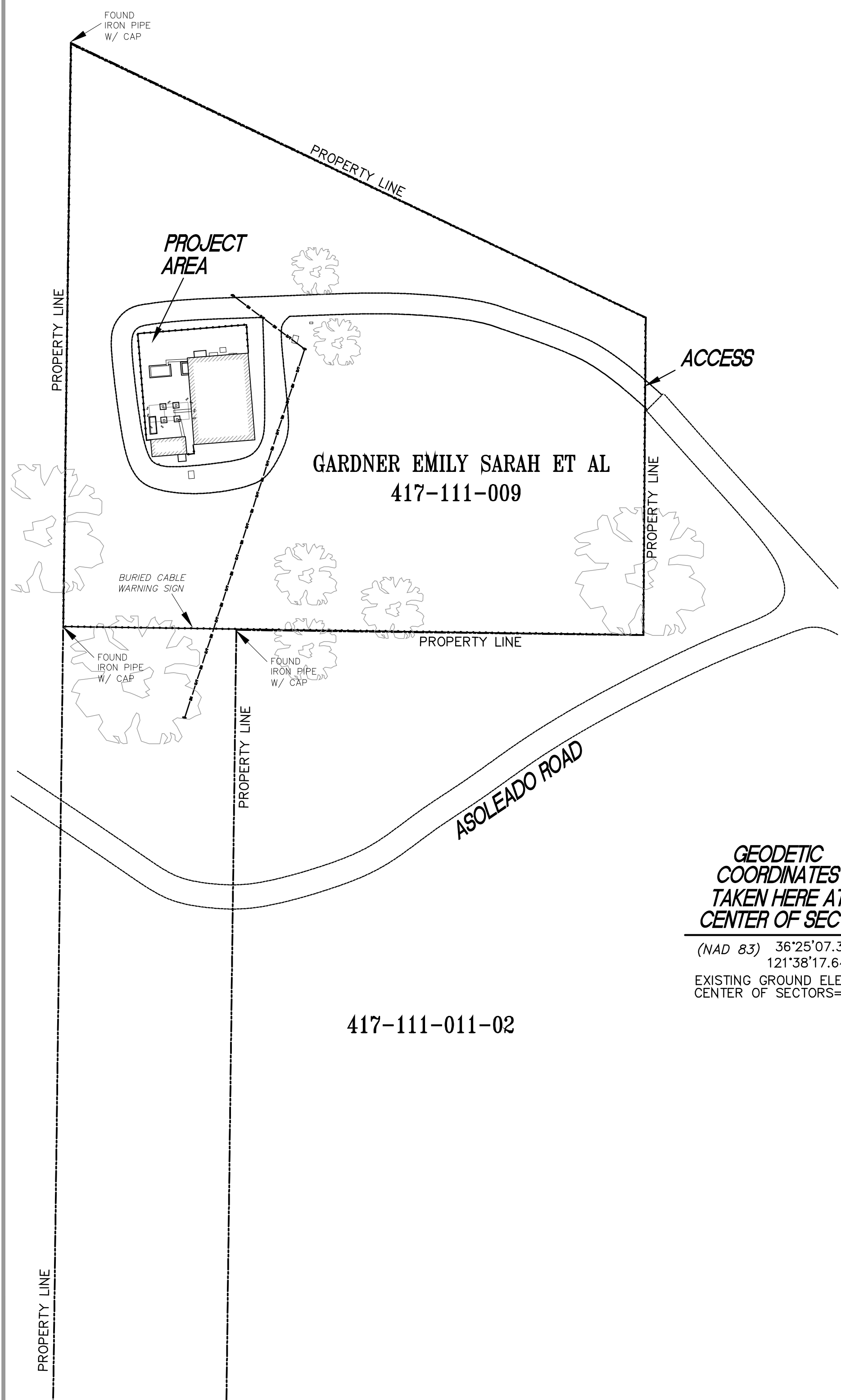
SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT U.S.A. AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.



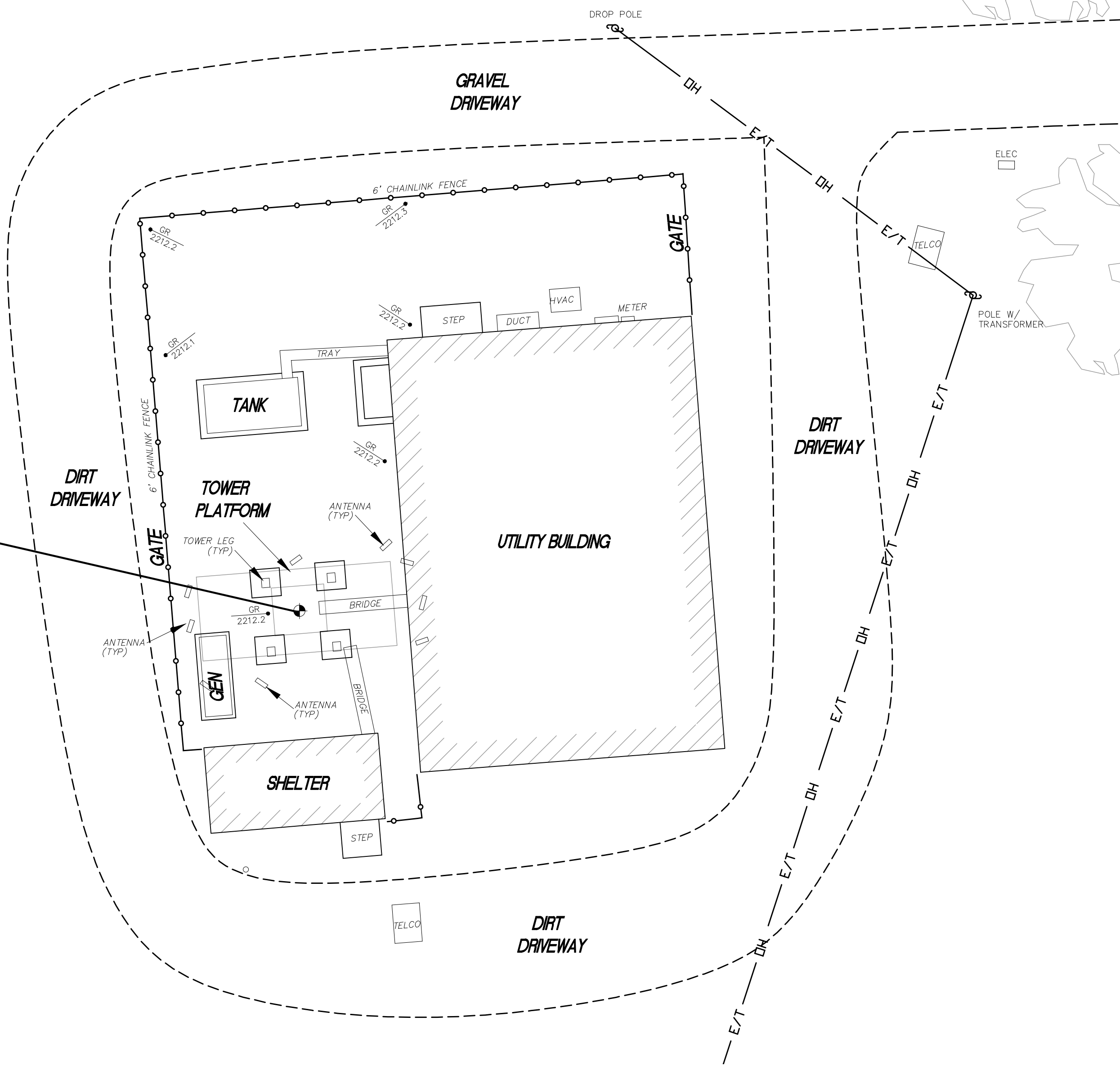
VICINITY MAP



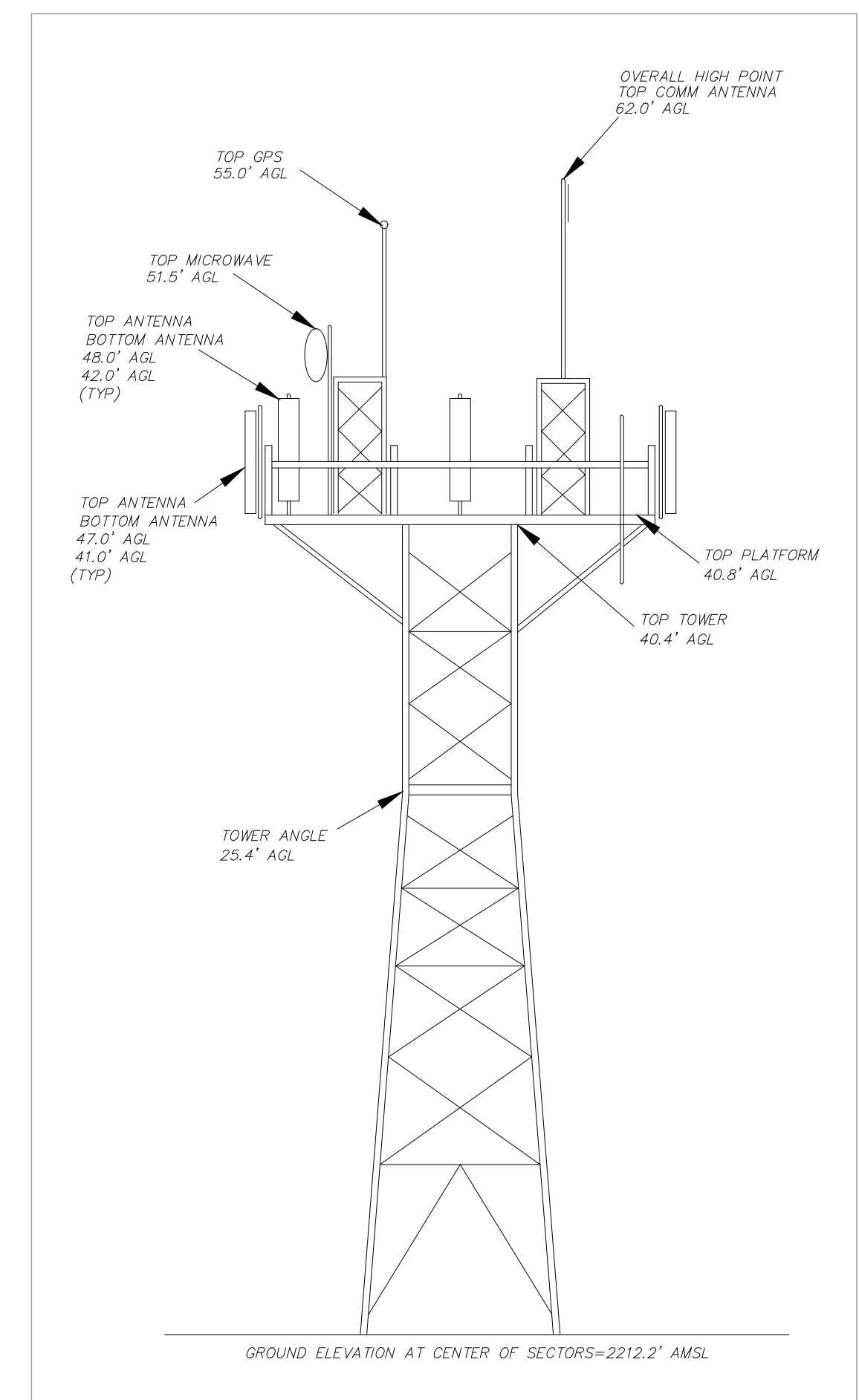
GARDNER EMILY SARAH ET AL
 417-111-009



OVERALL VIEW 50 SCALE



PROJECT AREA 10 SCALE



TOWER PLATFORM DETAIL
 N.T.S.

REV.	DESCRIPTION	DATE
1	SITE PLAN	1/22/2025

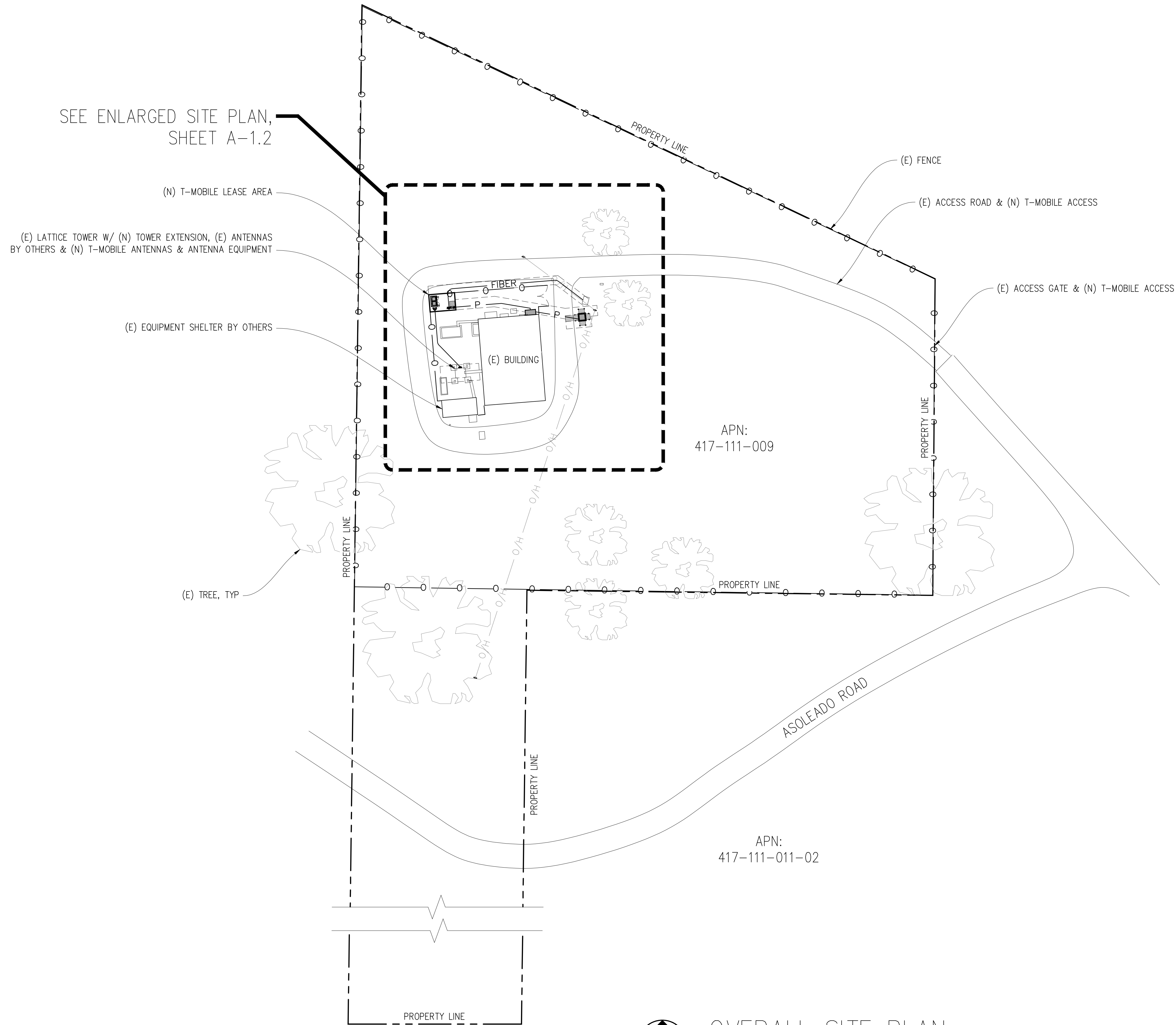
HAYES
 Land Surveying
 And Mapping
 2830 MADRIGAN COURT
 CONCORD, CA 94518



TMO CANVY, LLC
T-Mobile
 1855 GATEWAY BLVD 9TH FLOOR
 CONCORD, CA 94520

TOPOGRAPHIC SURVEY
 EXISTING CONDITIONS
 SFL0007
 CARMEL HILLTOP
 58 ASOLEADO ROAD
 CARMEL VALLEY, CA 93924

C-1
 SHEET 1 of 1



SEE ENLARGED SITE PLAN,
SHEET A-1.2

(N) T-MOBILE LEASE AREA

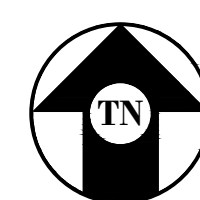
(E) LATTICE TOWER W/ (N) TOWER EXTENSION, (E) ANTENNAS
BY OTHERS & (N) T-MOBILE ANTENNAS & ANTENNA EQUIPMENT

(E) EQUIPMENT SHELTER BY OTHERS

(E) TREE, TYP

APN:
417-111-009

APN:
417-111-011-02



OVERALL SITE PLAN

1"=30'-0"



Issued For:

SFL0007A
CARMEL HILLTOP

58 ASOLEADO ROAD
CARMEL VALLEY, CA 93924

PREPARED FOR

T-Mobile

1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:

smartlink

SITE NO: SFL0007A

PROJECT NO: -

DRAWN BY: -

CHECKED BY: S. SAVIG

APPROVED BY: -

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
2	07/31/25	CLIENT REV	S.V.
1	03/21/25	CD 95%	C.T.C
0	02/14/25	CD 90%	-

Licensee:

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CONSTRUCTION

KEVIN R. SORENSEN
S4469

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ENGINEER, TO ALTER THIS DOCUMENT.

ENGINEER:

Streamline Engineering
CONSULTING INC.

3840 Taylor Road, Suite A, Los Gatos, CA 95030
Contact: Kevin SorenSEN Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

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SHEET TITLE:

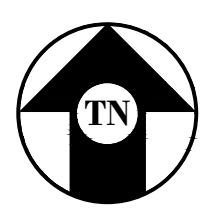
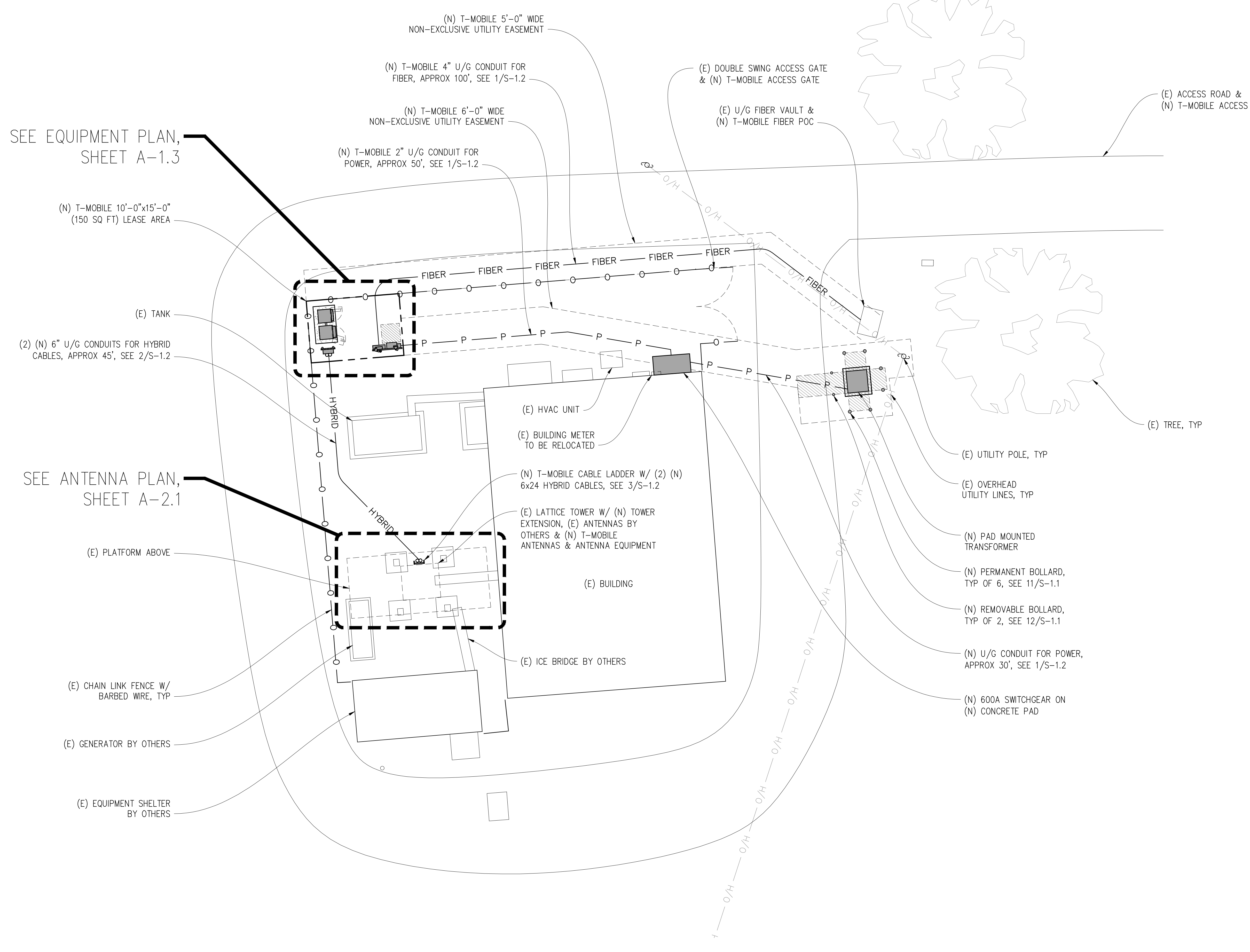
OVERALL
SITE PLAN

SHEET NUMBER:

A-1.1

SEE EQUIPMENT PLAN,
SHEET A-1.3

SEE ANTENNA PLAN,
SHEET A-2.1



ENLARGED SITE PLAN

1/8"=1'-0"



Issued For:
SFL0007A
CARMEL HILLTOP
58 ASOLEADO ROAD
CARMEL VALLEY, CA 93924

PREPARED FOR
T-Mobile
1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:
smartlink

SITE NO: SFL0007A
PROJECT NO: -
DRAWN BY: -
CHECKED BY: S. SAVIG
APPROVED BY: -

ISSUE STATUS			
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SHEET TITLE:
**ENLARGED
SITE PLAN**

SHEET NUMBER:
A-1.2

Issued For:

SFL0007A
CARMEL HILLTOP

58 ASOLEADO ROAD
CARMEL VALLEY, CA 93924

PREPARED FOR

T-Mobile

1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:

smartlink

SITE NO: SFL0007A

PROJECT NO: -

DRAWN BY: -

CHECKED BY: S. SAVIG

APPROVED BY: -

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
2	07/31/25	CLIENT REV	S.V.
1	03/21/25	CD 95%	C.T.C
0	02/14/25	CD 90%	-

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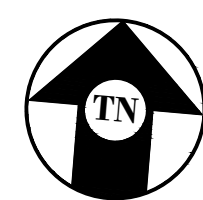
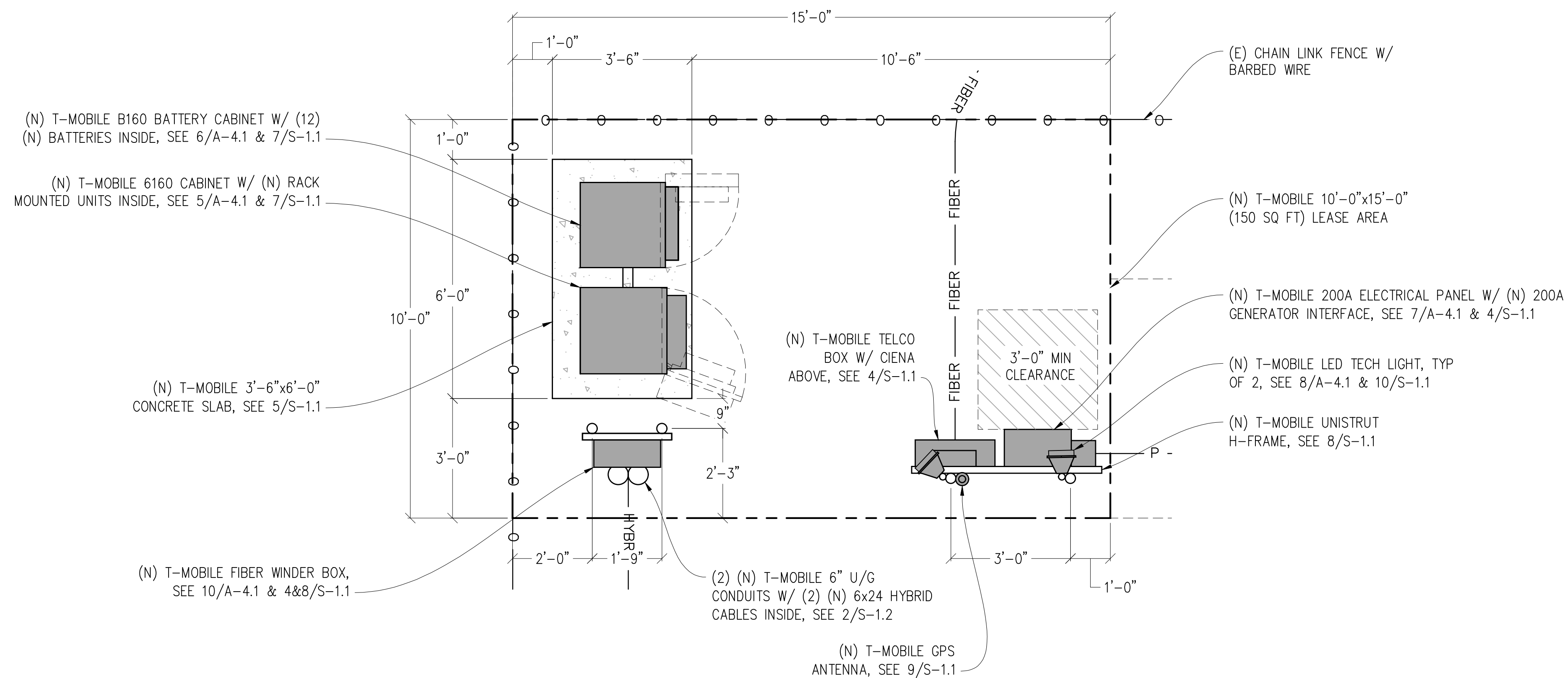
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Streamline Engineering
AMERICAN INSTITUTE OF PROFESSIONAL ENGINEERS

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EQUIPMENT PLAN

1/2"=1'-0"



SHEET TITLE:

EQUIPMENT PLAN

SHEET NUMBER:

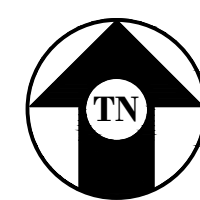
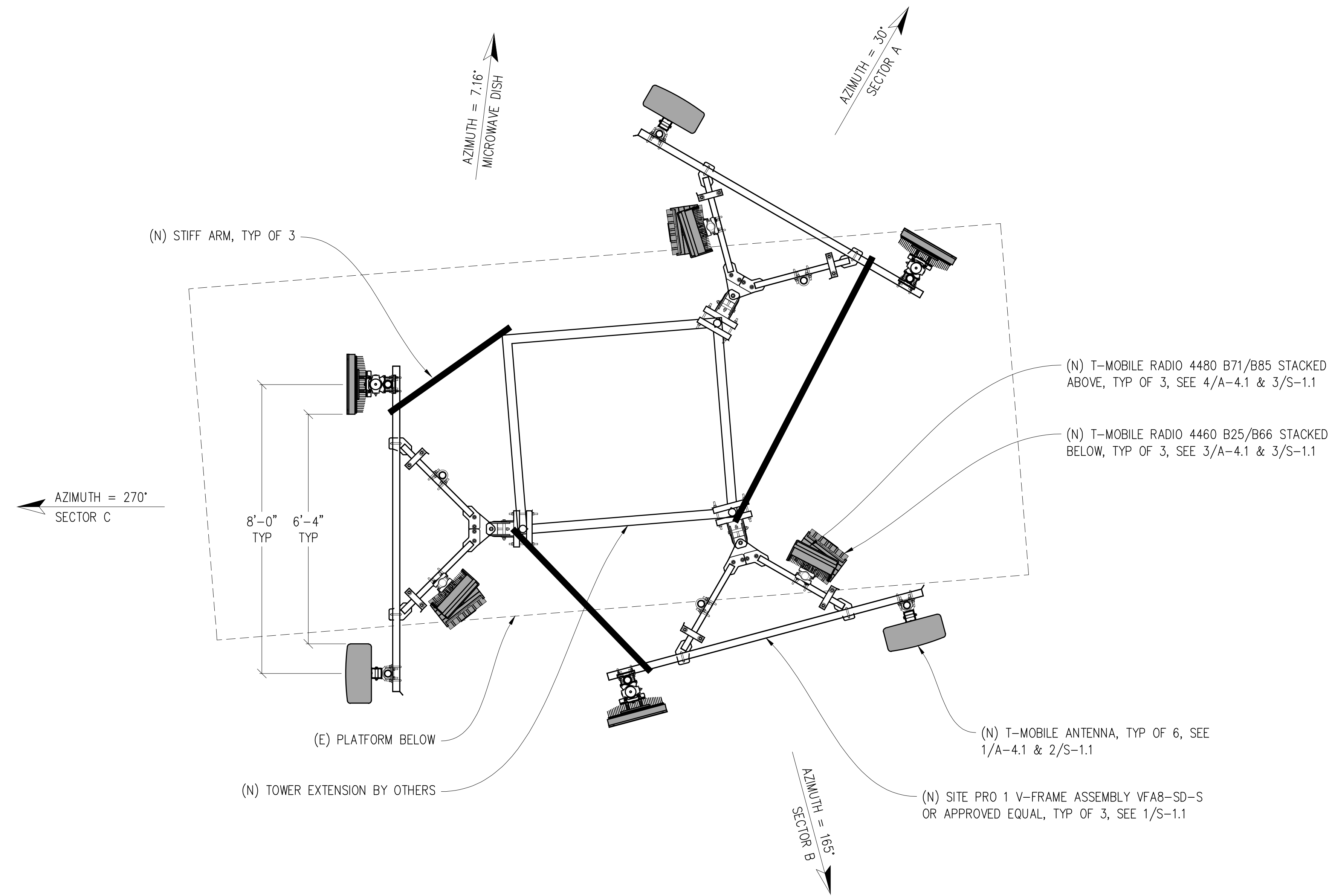
A-1.3

RF NOTES:

1. MATERIALS IN FRONT AND SIDE OF ANTENNAS MUST BE RF TRANSPARENT TO MINIMIZE PIM ISSUES.
2. PLEASE MAKE SURE NO RUST ON COMPONENTS AND NO LOOSE CONNECTIONS.
3. ENSURE THERE ARE NO PIM ISSUES DURING INSTALLATION.
4. ANTENNAS CAN'T SHOOT INTO METAL, OTHER OPERATOR ANTENNAS, ANYTHING THAT CAN CAUSE PIM, ETC.
5. NO ANTENNA SHADOWING. ALL ANTENNAS ARE TO BE CO-PLANAR.
6. RADIOS CANNOT TOUCH ANTENNAS.
7. CALL OUT THE USE OF THE CONCEALFAB PIM SHIELD KIT

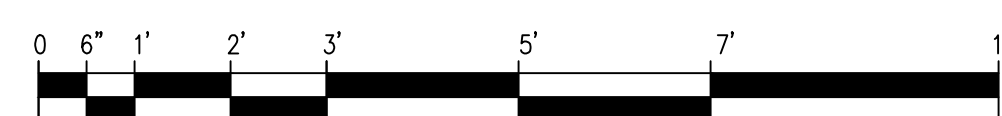
(N) ANTENNA & CABLE SCHEDULE												
	ANTENNA				RADIO UNIT			CABLING				
	SECTOR	TECHNOLOGY	ANTENNA MODEL	CENTER	AZIMUTH	RRU MODEL	NO. OF RRU'S	NO. OF 1/2" COAX JUMPERS	JUMPER LENGTH	NO. OF HYBRID CABLES	HYBRID CABLE LENGTH	NO. OF FIBER JUMPERS
ALPHA SECTOR	A1	N600/L700/N1900/L1900/L2100/N2100	AMPHENOL APXVAALL24M-U-J20	66'-0"	30°	RRUS-4480 B71/B85, RRUS-4460 B25/B66	2	8	8'	(1) 6x24	±110'	0
	A2	N2500	ERICSSON AIR6419 B41	66'-0"	30°	INTEGRATED	0	0	-	SHARED	-	2
BETA SECTOR	B1	N600/L700/N1900/L1900/L2100/N2100	AMPHENOL APXVAALL24M-U-J20	66'-0"	165°	RRUS-4480 B71/B85, RRUS-4460 B25/B66	2	8	8'	(1) 6x24	±110'	0
	B2	N2500	ERICSSON AIR6419 B41	66'-0"	165°	INTEGRATED	0	0	-	SHARED	-	2
GAMMA SECTOR	C1	N600/L700/N1900/L1900/L2100/N2100	AMPHENOL APXVAALL24M-U-J20	66'-0"	270°	RRUS-4480 B71/B85, RRUS-4460 B25/B66	2	8	8'	SHARED	TBD	0
	C2	N2500	ERICSSON AIR6419 B41	66'-0"	270°	INTEGRATED	0	0	-	SHARED	-	2

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



ANTENNA PLAN

1/2" = 1'-0"



Issued For:
SFL0007A
CARMEL HILLTOP

58 ASOLEADO ROAD
CARMEL VALLEY, CA 93924

PREPARED FOR
T-Mobile

1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:
smartlink

SITE NO: SFL0007A
PROJECT NO: -
DRAWN BY: -
CHECKED BY: S. SAVIG
APPROVED BY: -

ISSUE STATUS			
REV	DATE	DESCRIPTION	CAD
2	07/31/25	CLIENT REV	S.V.
1	03/21/25	CD 95%	C.T.C
0	02/14/25	CD 90%	-

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SHEET TITLE:
ANTENNA PLANS

SHEET NUMBER:
A-2.1

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CARMEL HILLTOP
 58 ASOLEADO ROAD
 CARMEL VALLEY, CA 93924

PREPARED FOR
T-Mobile
 1200 CONCORD AVE, SUITE 500
 CONCORD, CA 94520

Vendor:


SITE NO: SFL0007A
 PROJECT NO: -
 DRAWN BY: -
 CHECKED BY: S. SAVIG
 APPROVED BY: -

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0	02/14/25	CD 90%	-

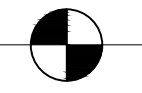
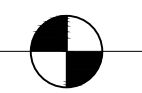
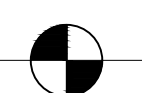
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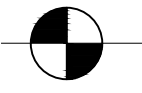

ENGINEER:

 3840 Taylor Road, Suite A, Lodi, CA 95660
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SHEET TITLE:
ELEVATIONS

SHEET NUMBER:
A-3.1

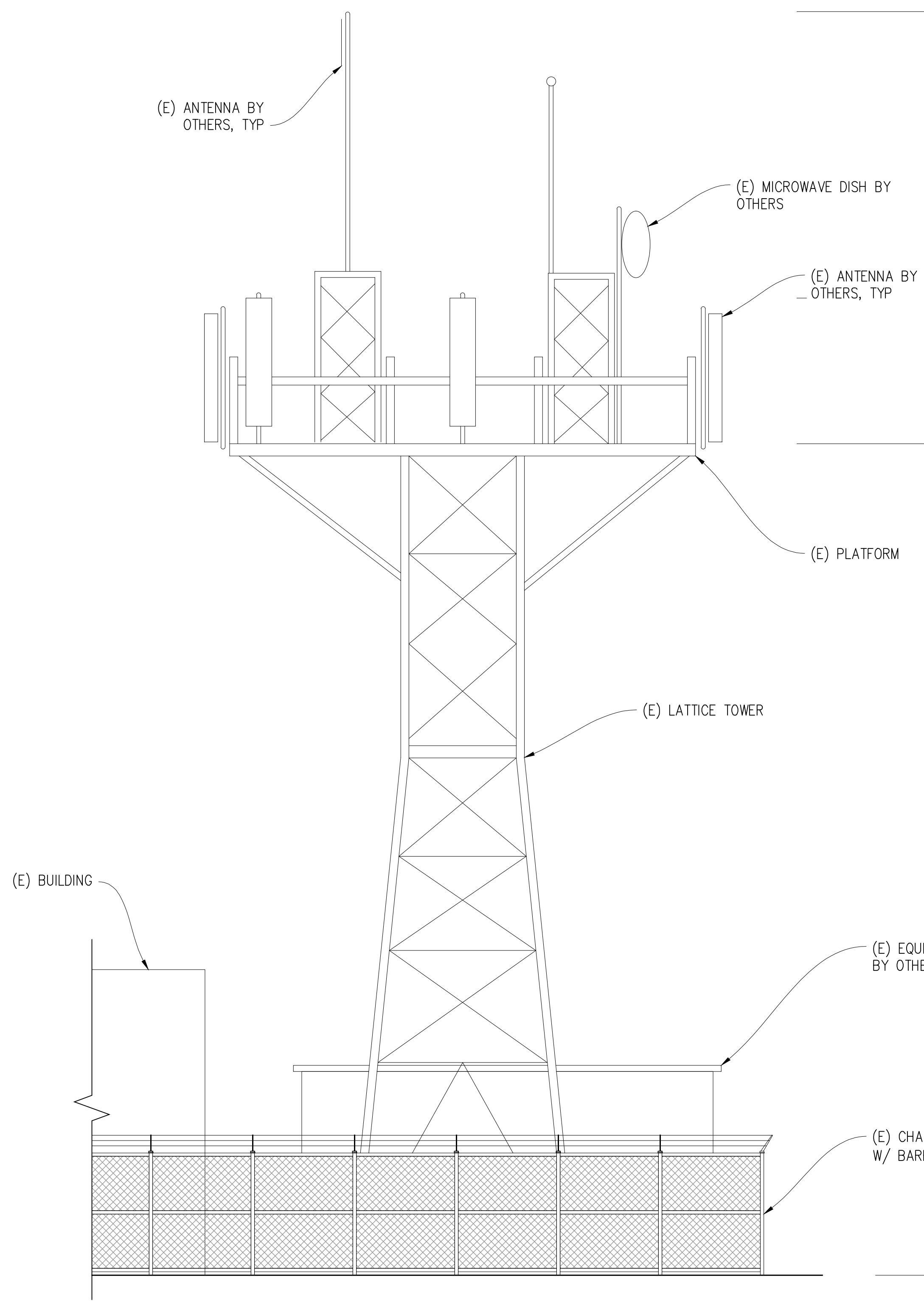
-  TOP OF (N) TOWER EXTENSION / T-MOBILE ANTENNAS
±70'-0" A.G.L.
-  CENTER OF (N) T-MOBILE ANTENNAS
±66'-0" A.G.L.
-  TOP OF (E) ANTENNA BY OTHERS /
BOTTOM OF (N) T-MOBILE ANTENNAS
±62'-0" A.G.L.

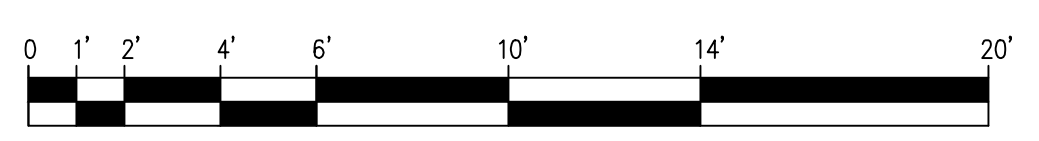
-  TOP OF (E) ANTENNA BY OTHERS
±48'-0" A.G.L.
-  TOP OF (E) PLATFORM
±40'-0" A.G.L.

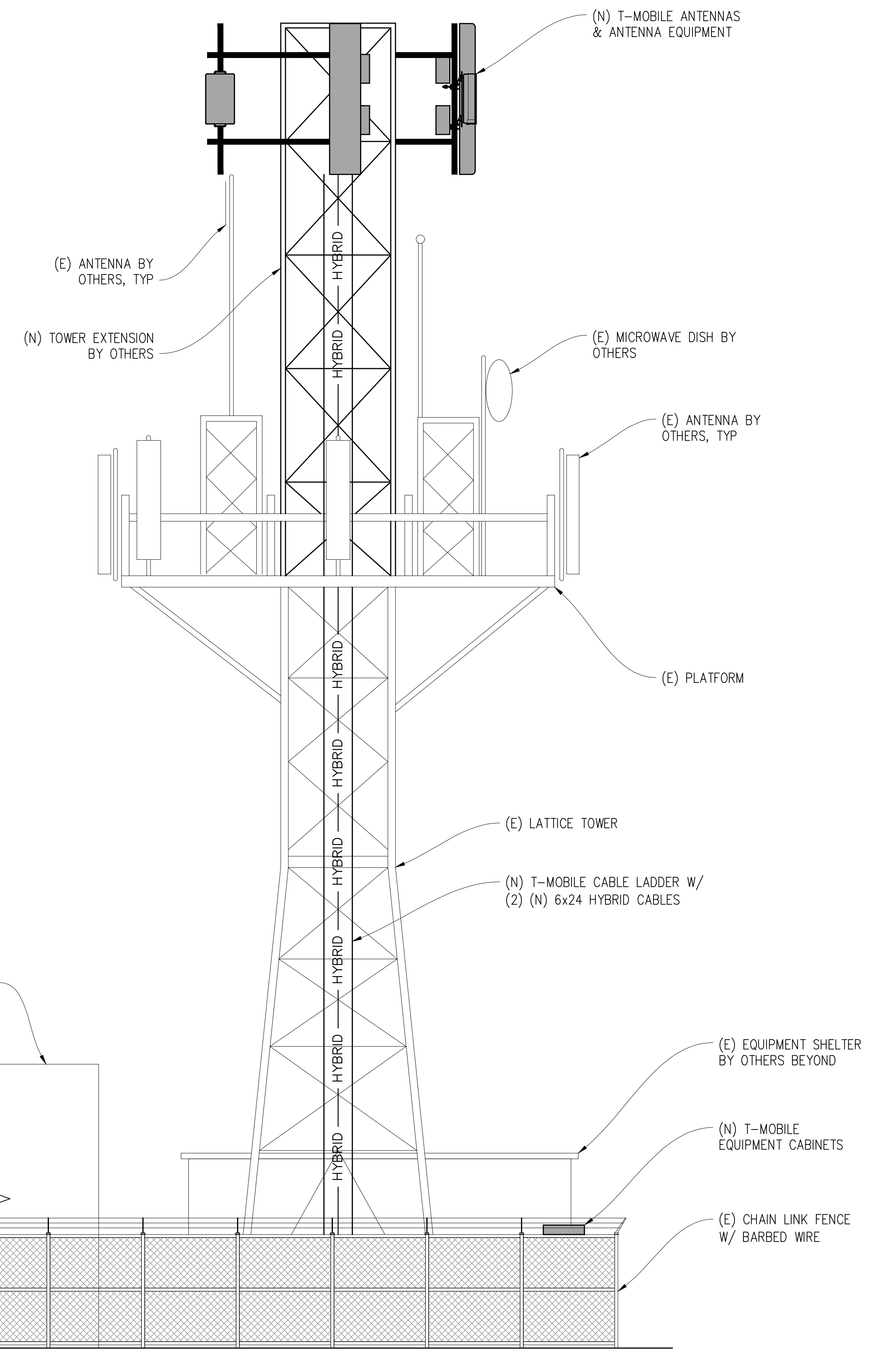
NOTICE

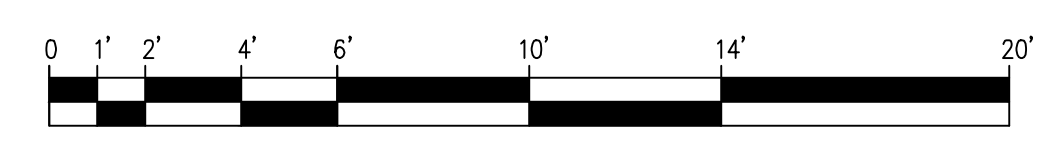
EXISTING TOWER TO BE ANALYZED BY OTHERS. STREAMLINE ENGINEERING & DESIGN INC. IS NOT RESPONSIBLE FOR THE EVALUATION OF THE EXISTING TOWER, BASE PLATE, ANCHOR BOLTS, FOUNDATION OR ANTENNA/RRU MOUNT FRAMING & CONNECTIONS FOR THE EXISTING AND NEW LOADING CONDITIONS.

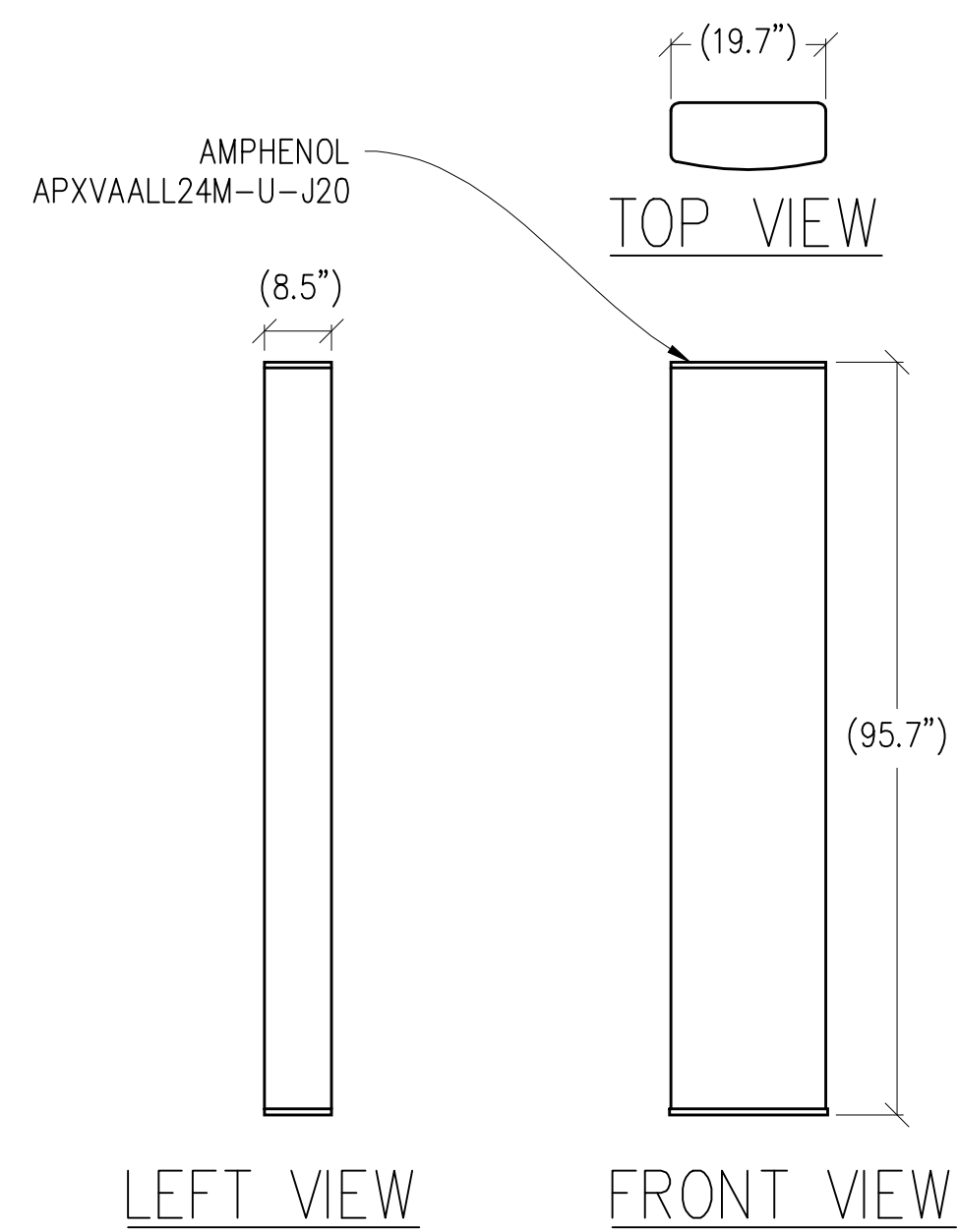
 GROUND LEVEL
0'-0"



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




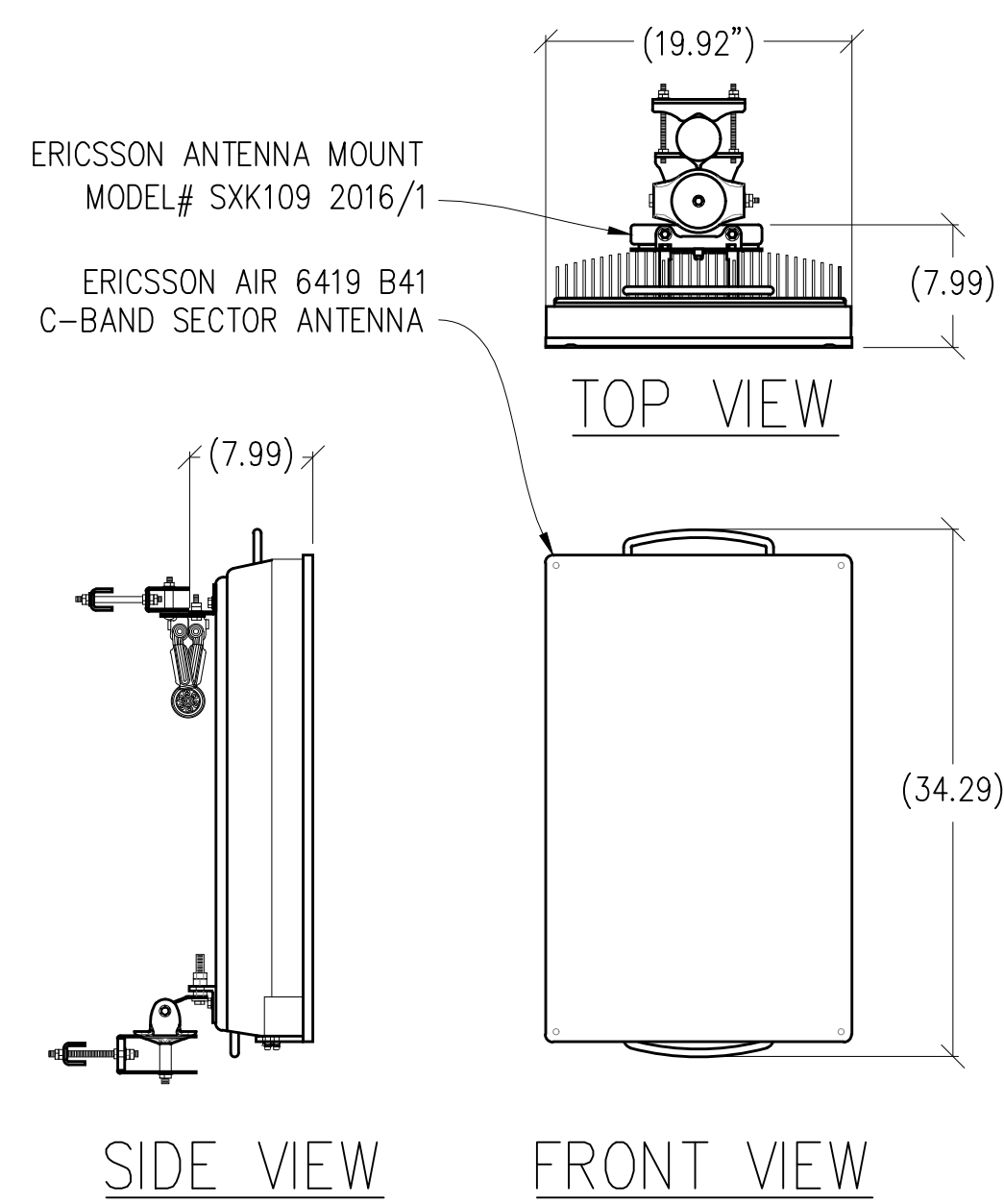
(N) NORTH ELEVATION
 1/4"=1'-0"




LEFT VIEW FRONT VIEW

1 ANTENNA DETAIL

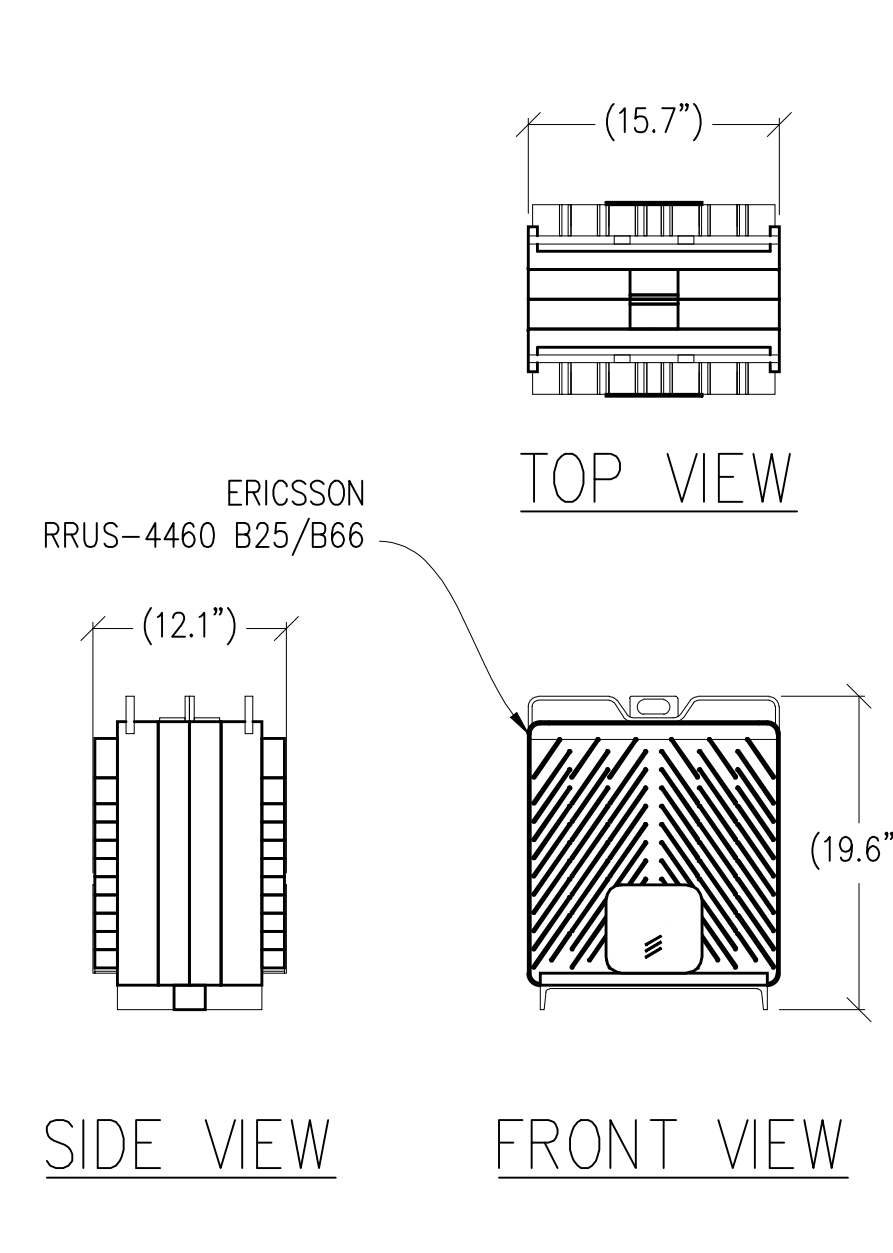
1/2"=1'-0" MAX WEIGHT: 92.4 LBS



SIDE VIEW FRONT VIEW

2 ANTENNA DETAIL

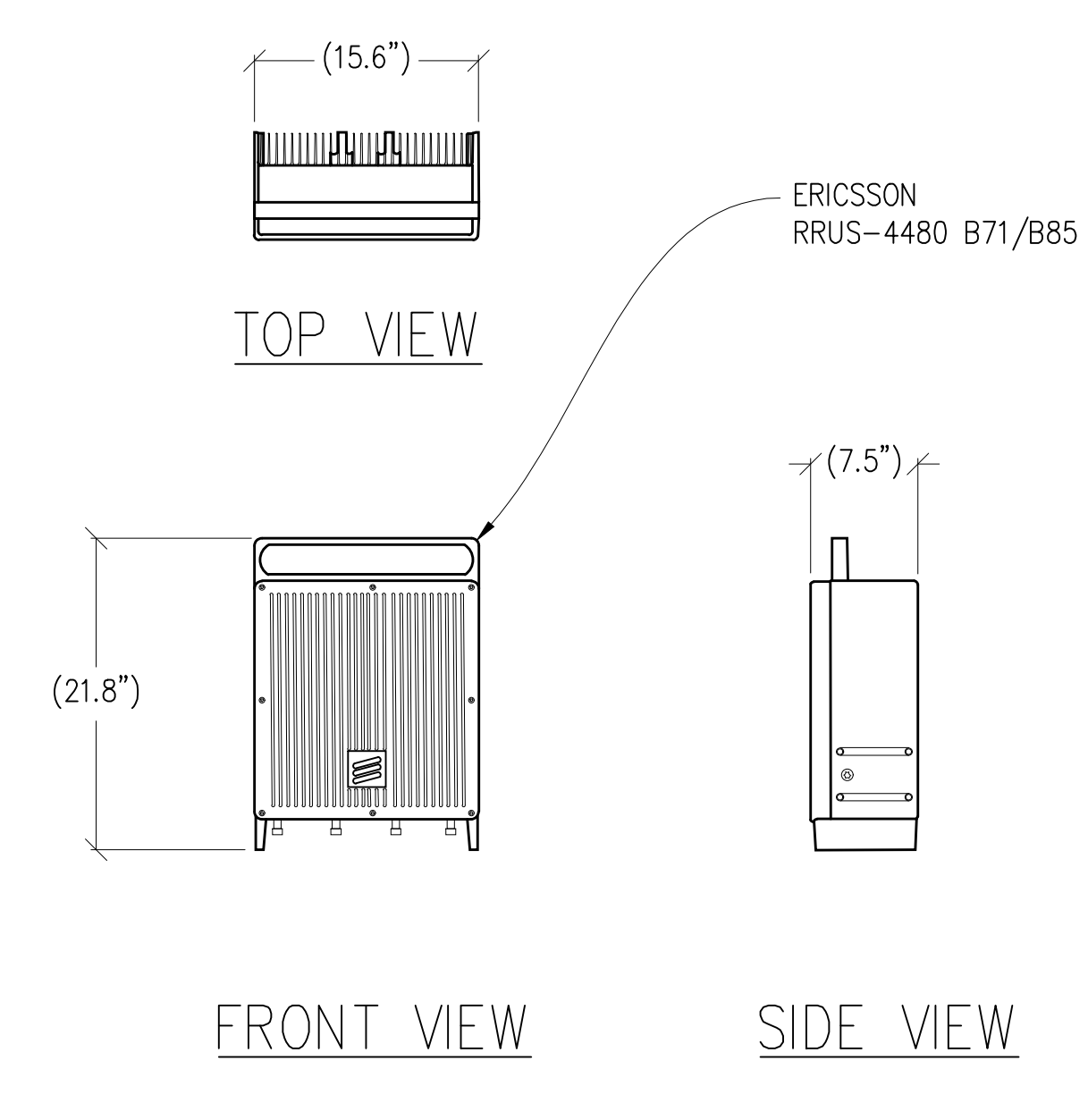
1"=1'-0" MAX WEIGHT W/ MOUNT: 76.5 LBS



SIDE VIEW FRONT VIEW

3 RRUS-4460 B25/B66 DETAIL

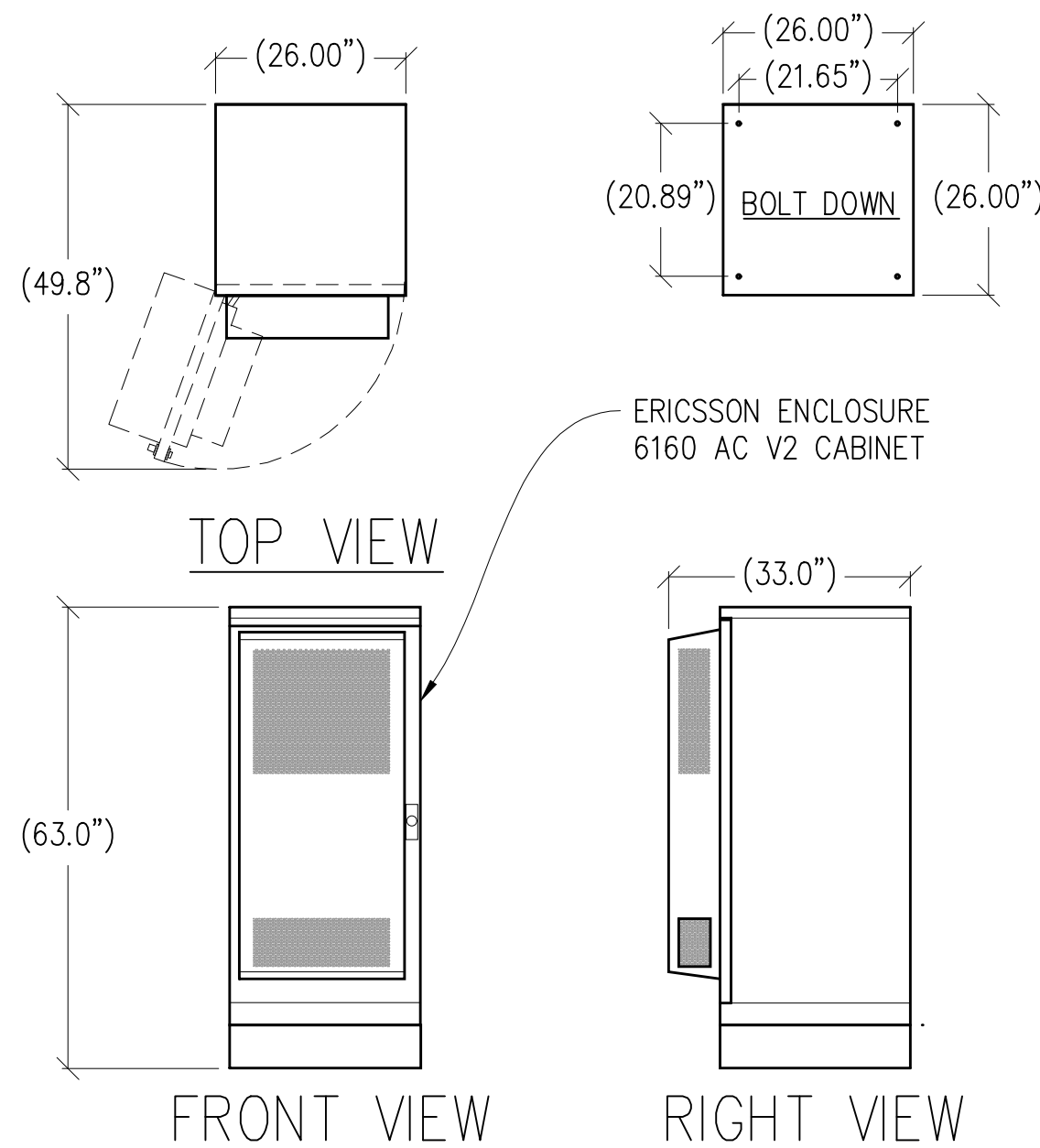
1"=1'-0" MAX WEIGHT: 109 LBS



FRONT VIEW SIDE VIEW

4 RRUS-4480 B71/B85 DETAIL

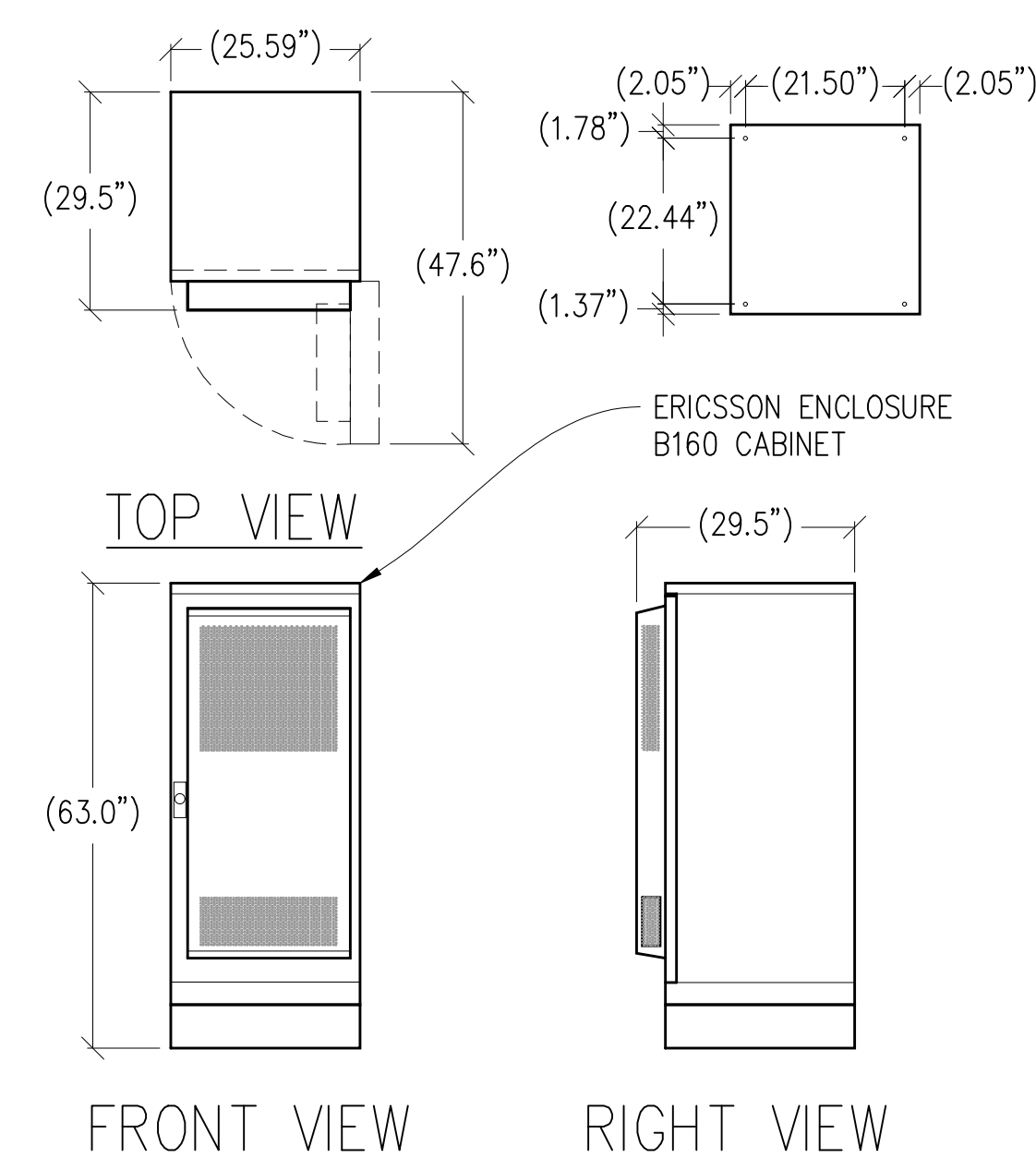
1"=1'-0" MAX WEIGHT: 93 LBS



TOP VIEW FRONT VIEW RIGHT VIEW

5 6160 AC V2 CABINET DETAIL

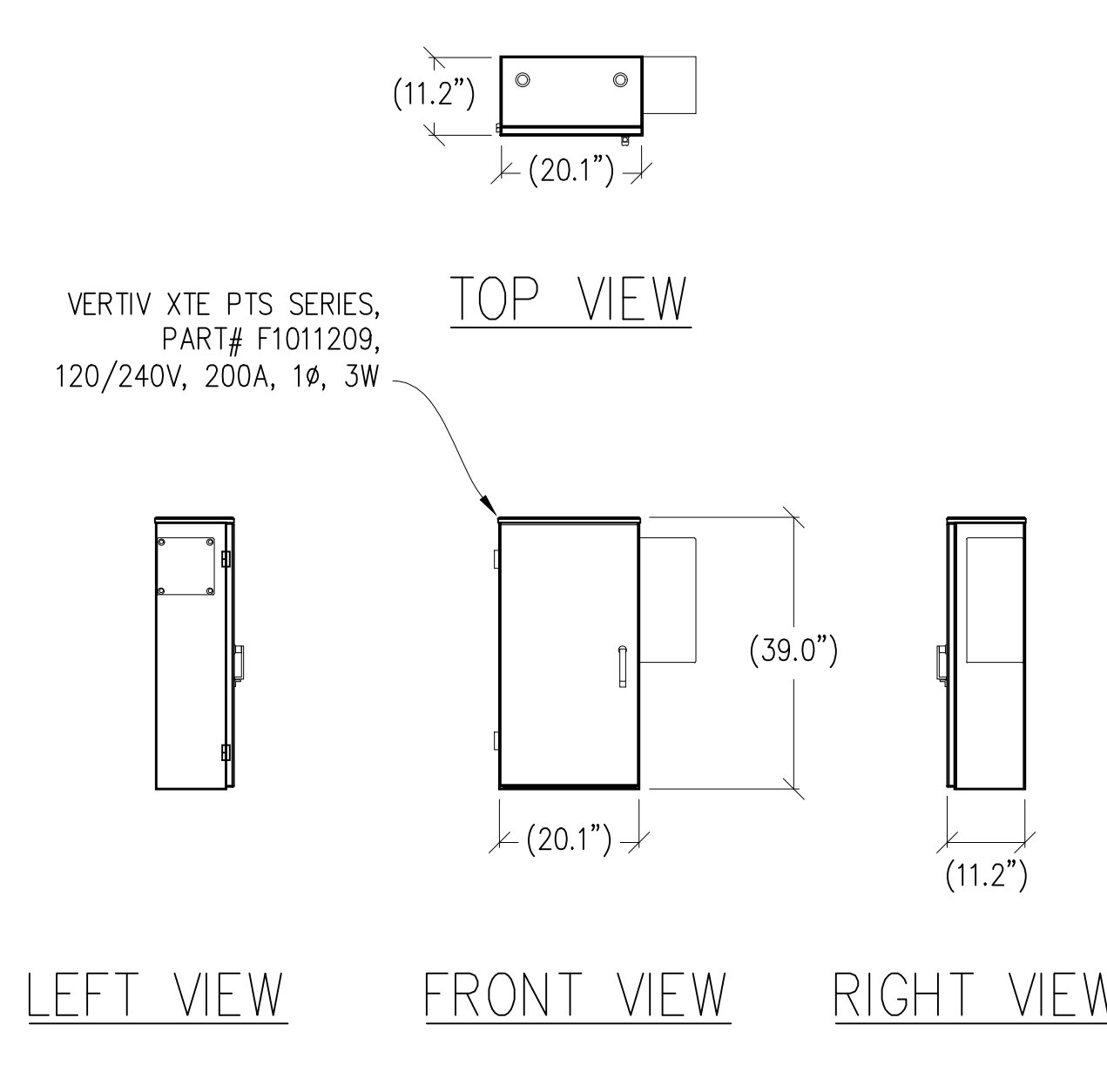
1/2"=1'-0" WEIGHT = 433 LBS W/O USER EQUIPMENT & RECTIFIER



TOP VIEW FRONT VIEW RIGHT VIEW

6 B160 CABINET DETAIL

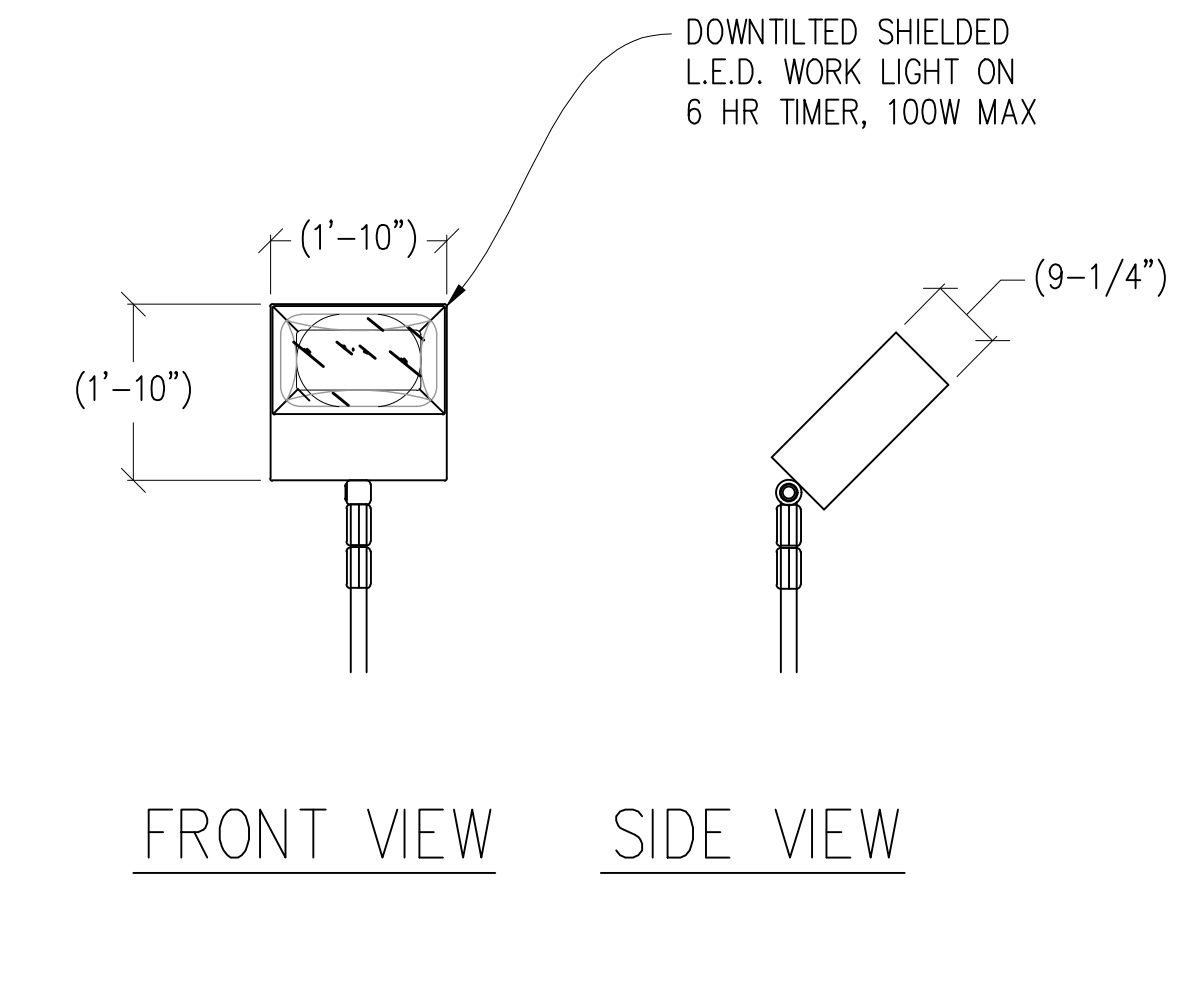
1/2"=1'-0" WEIGHT = 2,230 LBS W/ (12) 145 LBS BATTERIES



LEFT VIEW FRONT VIEW RIGHT VIEW

7 ELECTRICAL PANEL DETAIL

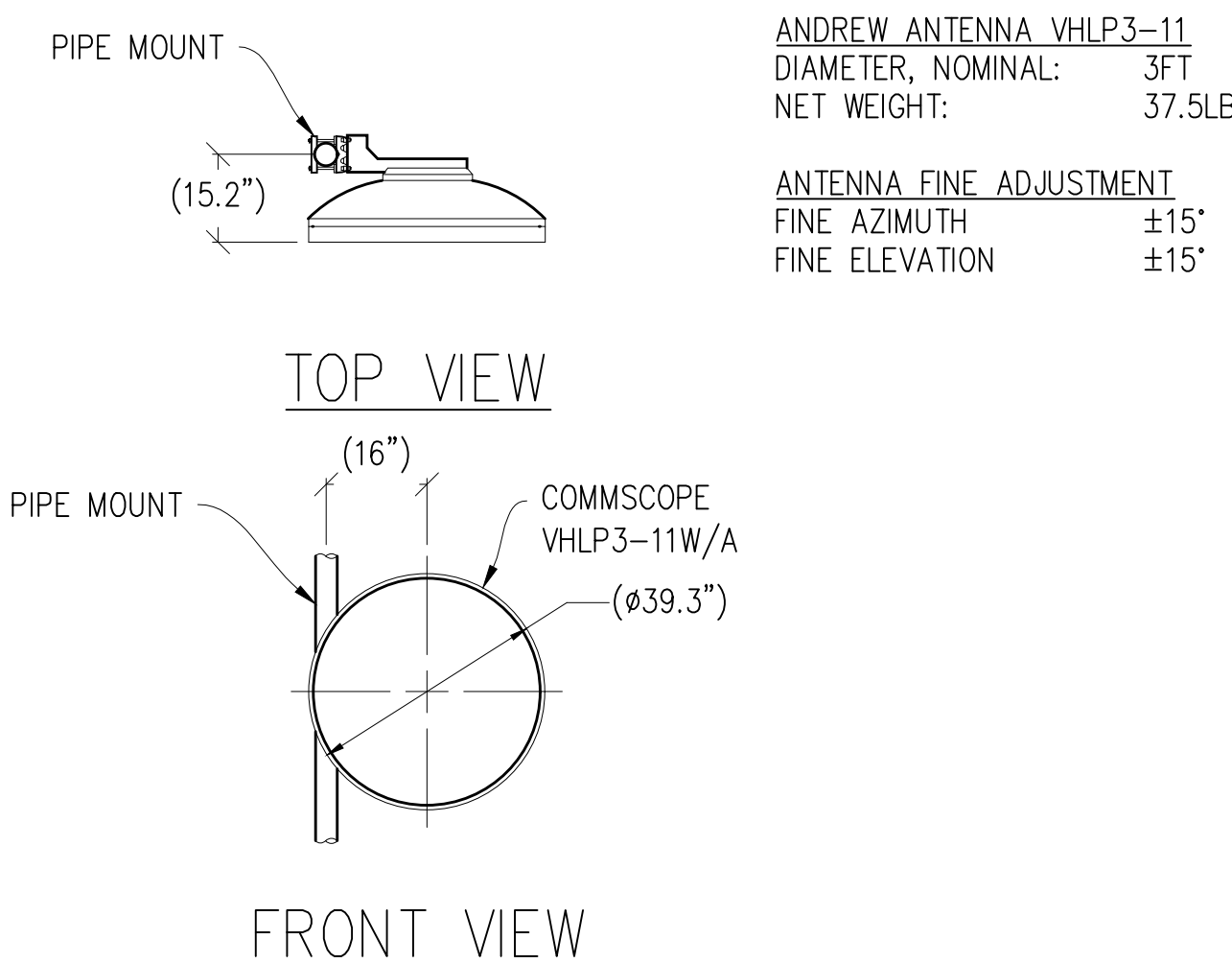
1/2"=1'-0" MAX WEIGHT: 75 LBS.



FRONT VIEW SIDE VIEW

8 TECH LIGHT DETAIL

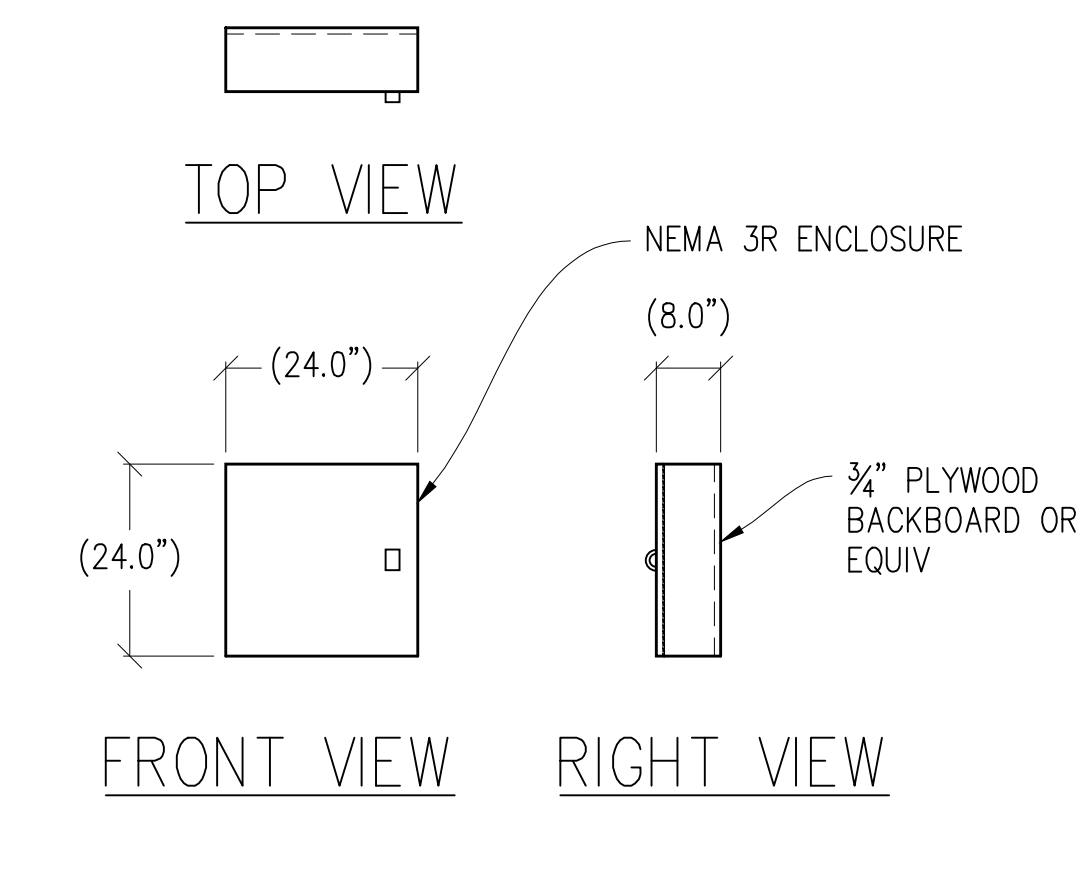
1/2"=1'-0"



TOP VIEW FRONT VIEW

9 MICROWAVE ANTENNA DETAIL

3/8"=1'-0" MAX WEIGHT: 37.5 LBS



TOP VIEW FRONT VIEW RIGHT VIEW

10 FIBER WINDER BOX DETAIL

1/2"=1'-0"

Issued For:
SFL0007A
CARMEL HILLTOP
58 ASOLEADO ROAD
CARMEL VALLEY, CA 93924

PREPARED FOR
T-Mobile
1200 CONCORD AVE, SUITE 500
CONCORD, CA 94520

Vendor:
smartlink

SITE NO: SFL0007A
PROJECT NO: -
DRAWN BY: -
CHECKED BY: S. SAVIG
APPROVED BY: -

ISSUE STATUS			
REV	DATE	DESCRIPTION	CAD
2	07/31/25	CLIENT REV	S.V.
1	03/21/25	CD 95%	C.T.C
0	02/14/25	CD 90%	-

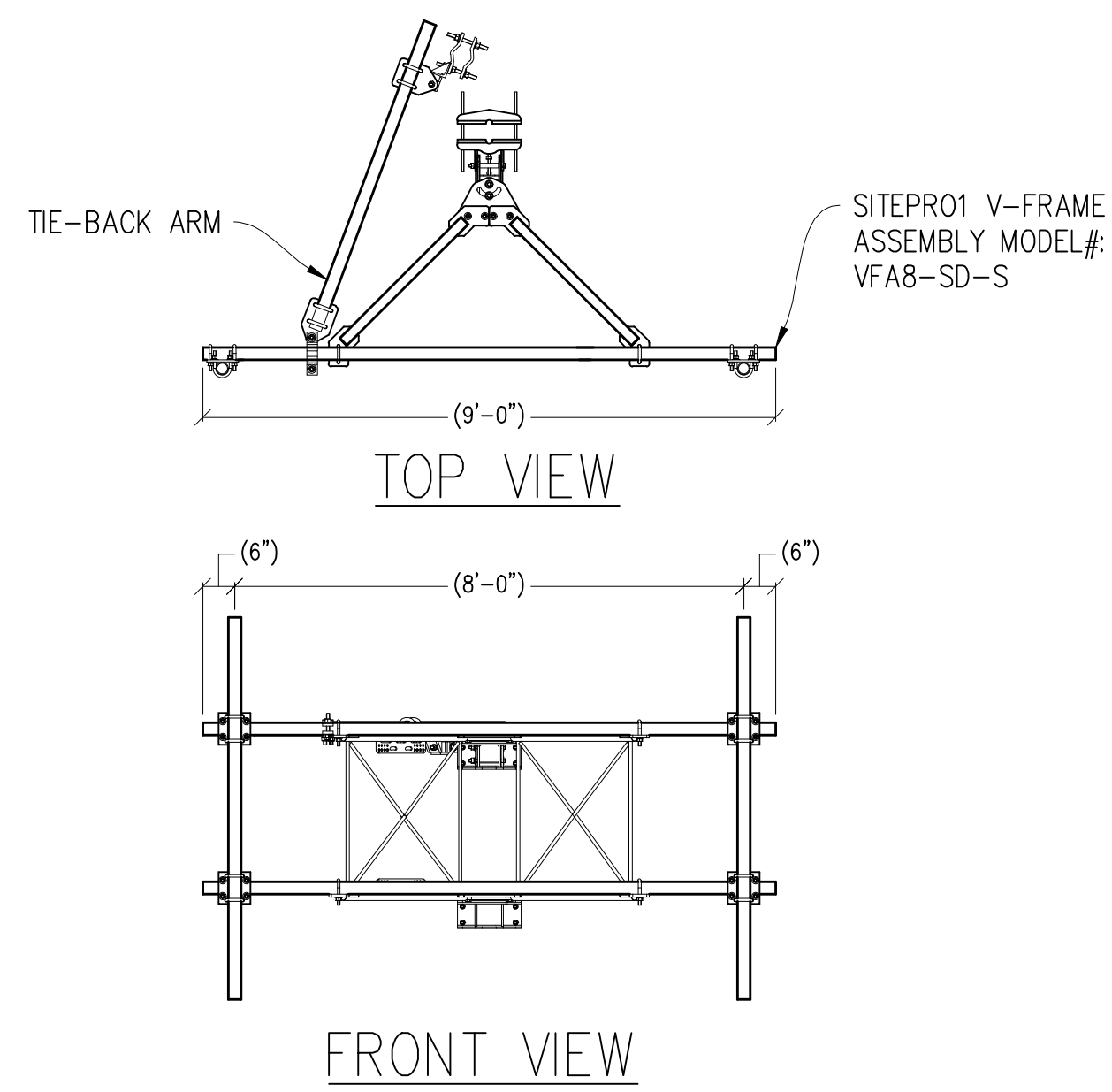
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KEVIN R. SORENSEN
S4469

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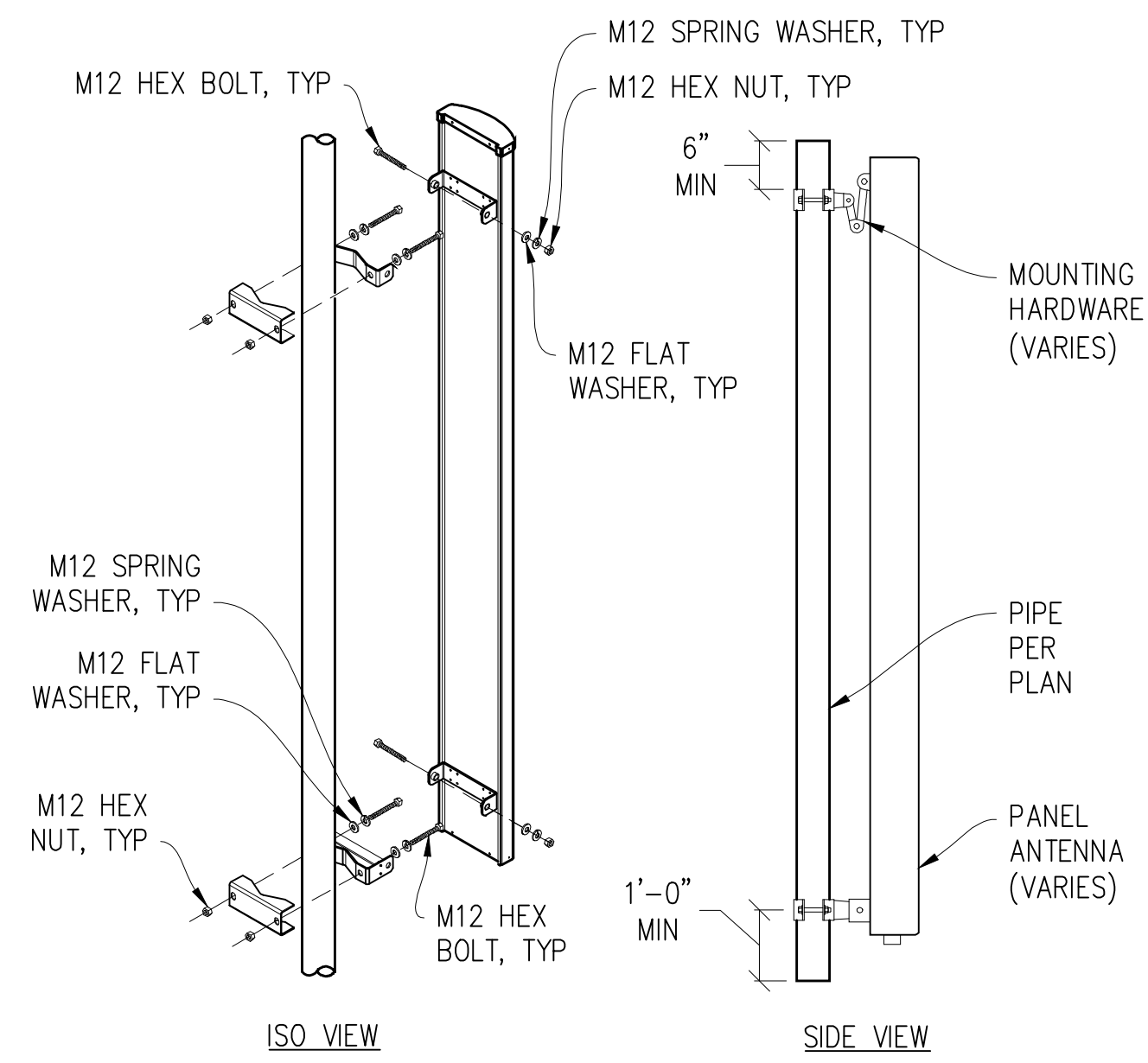
ENGINEER:
Streamline Engineering
3843 Taylor Road, Suite A, Leominster, MA 01453
Contact: Kevin Sorensen Phone: 916-660-1830
E-Mail: kevin@streamlineeng.com Fax: 916-660-1841
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DETAILS

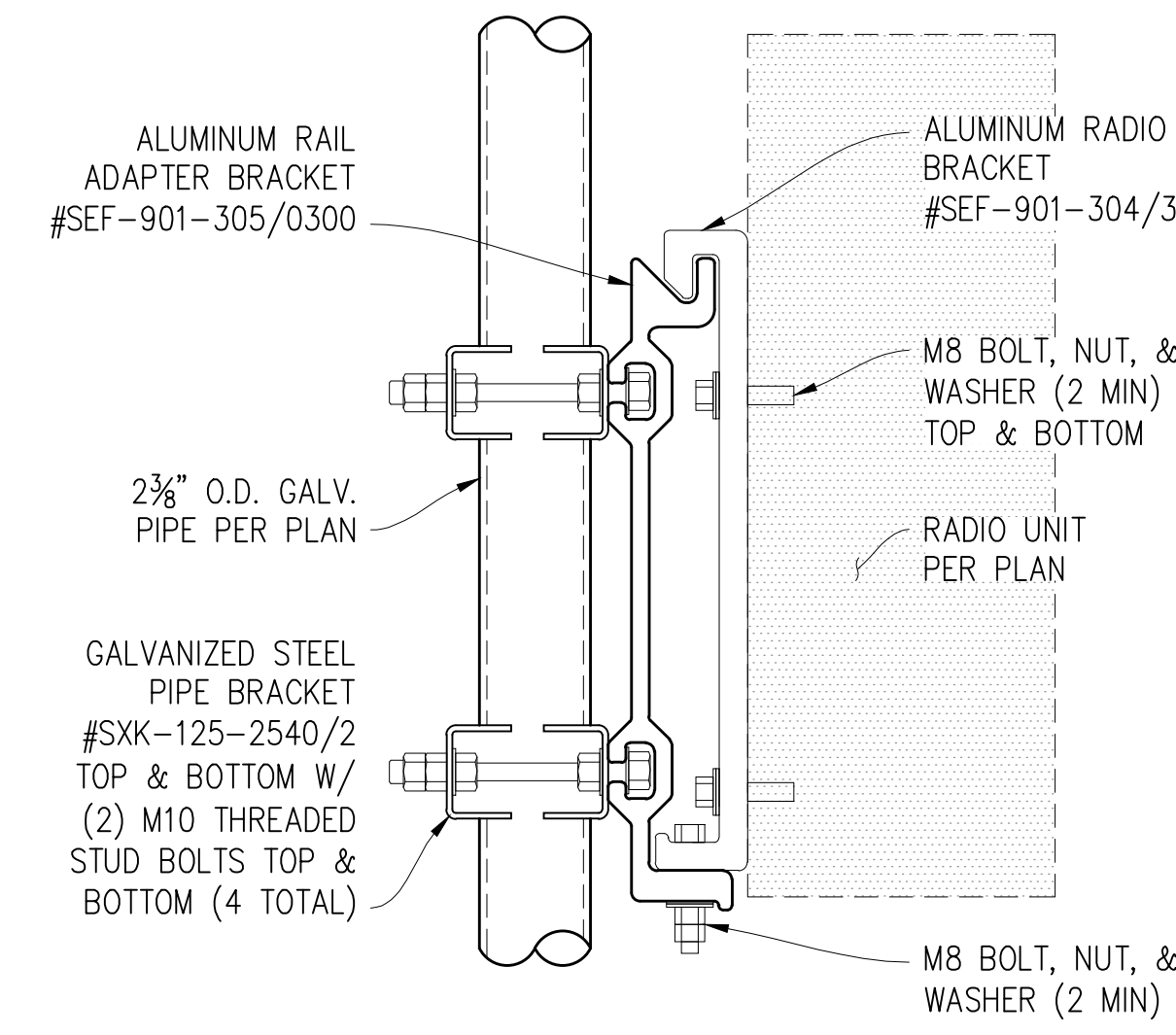
SHEET NUMBER:
A-4.1



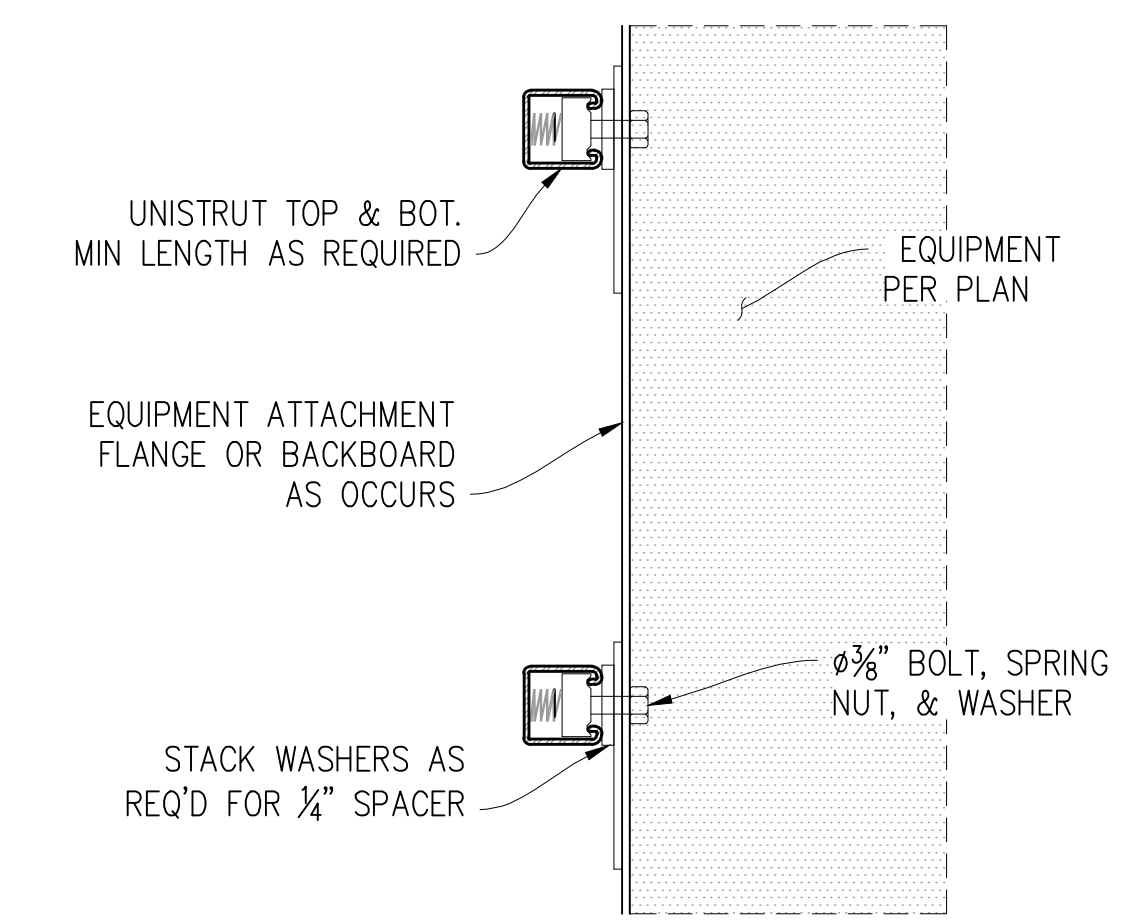
1 ANTENNA MOUNT
3/8"=1'-0"



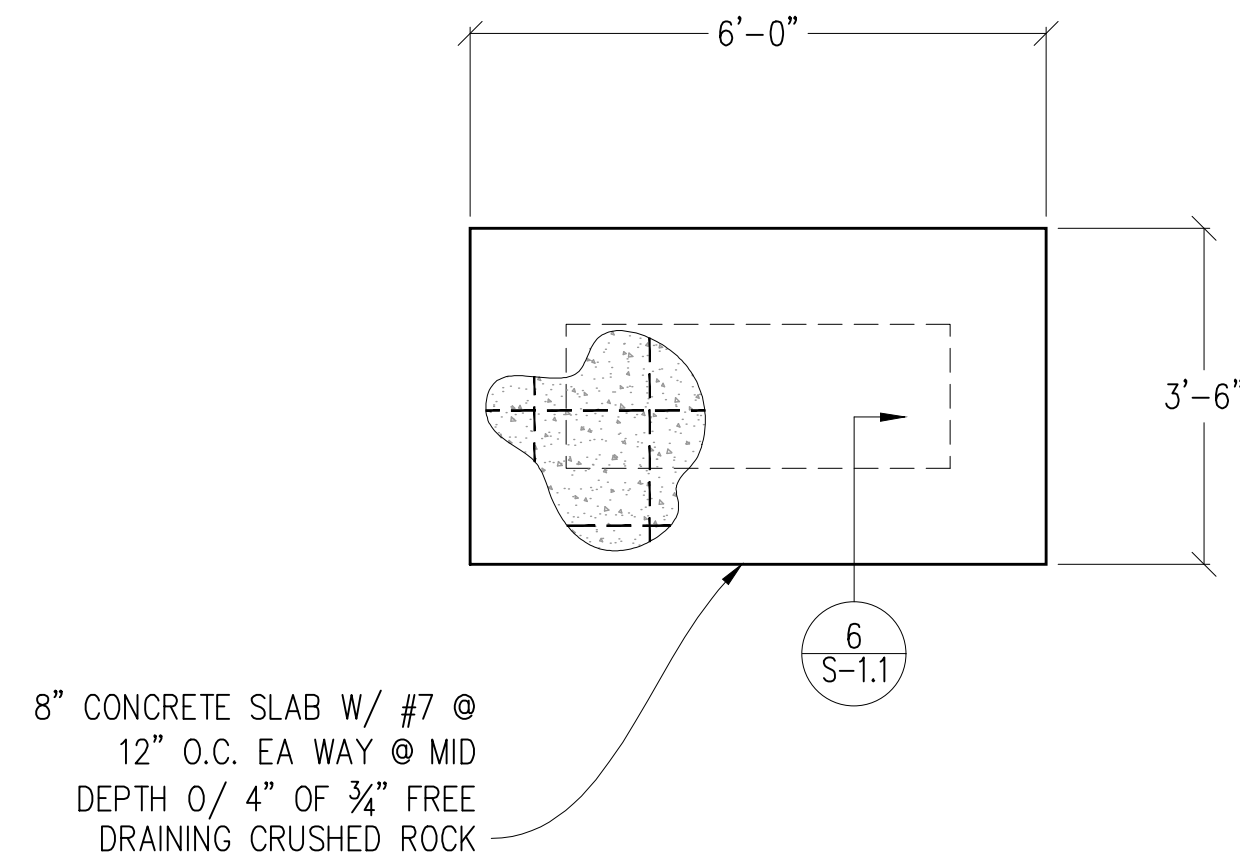
2 ANTENNA MOUNT
1"=1'-0"



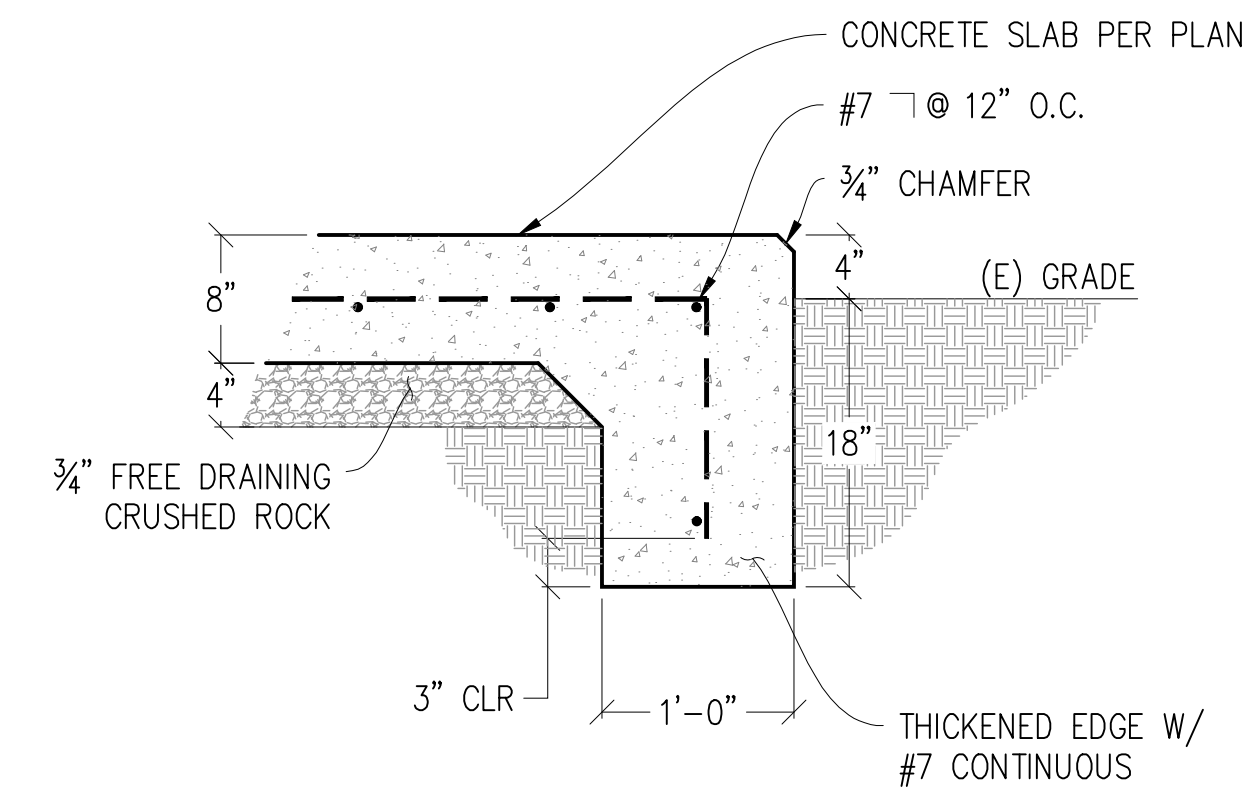
3 RADIO UNIT MOUNTING
3"=1'-0"



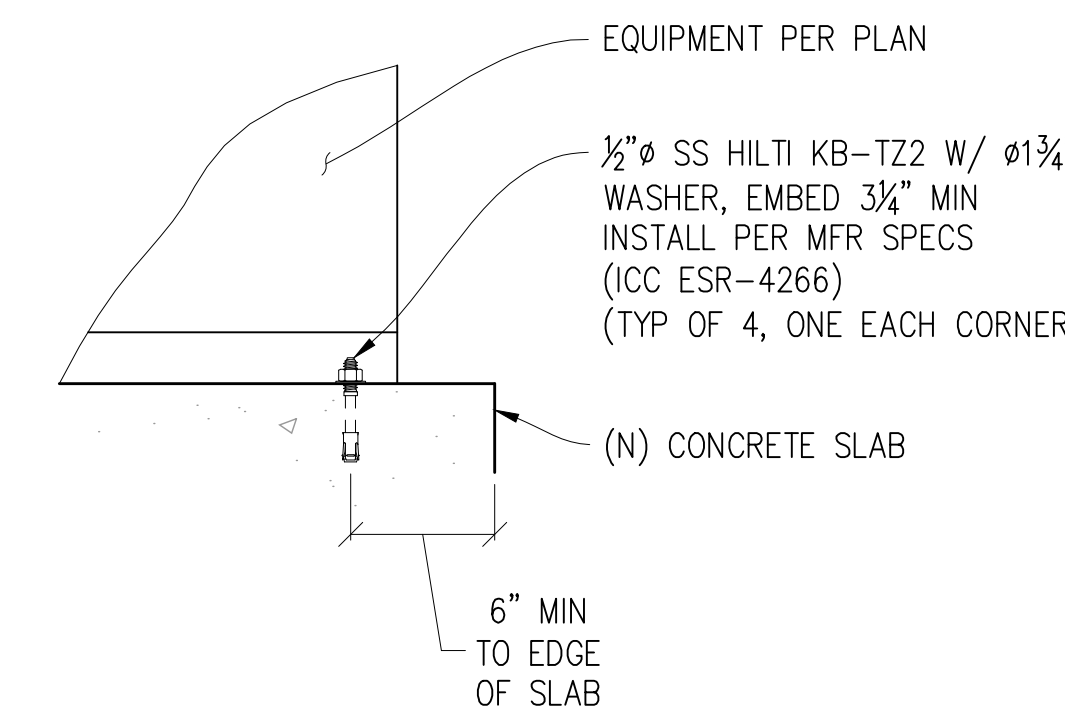
4 EQUIPMENT MOUNTING
3"=1'-0"



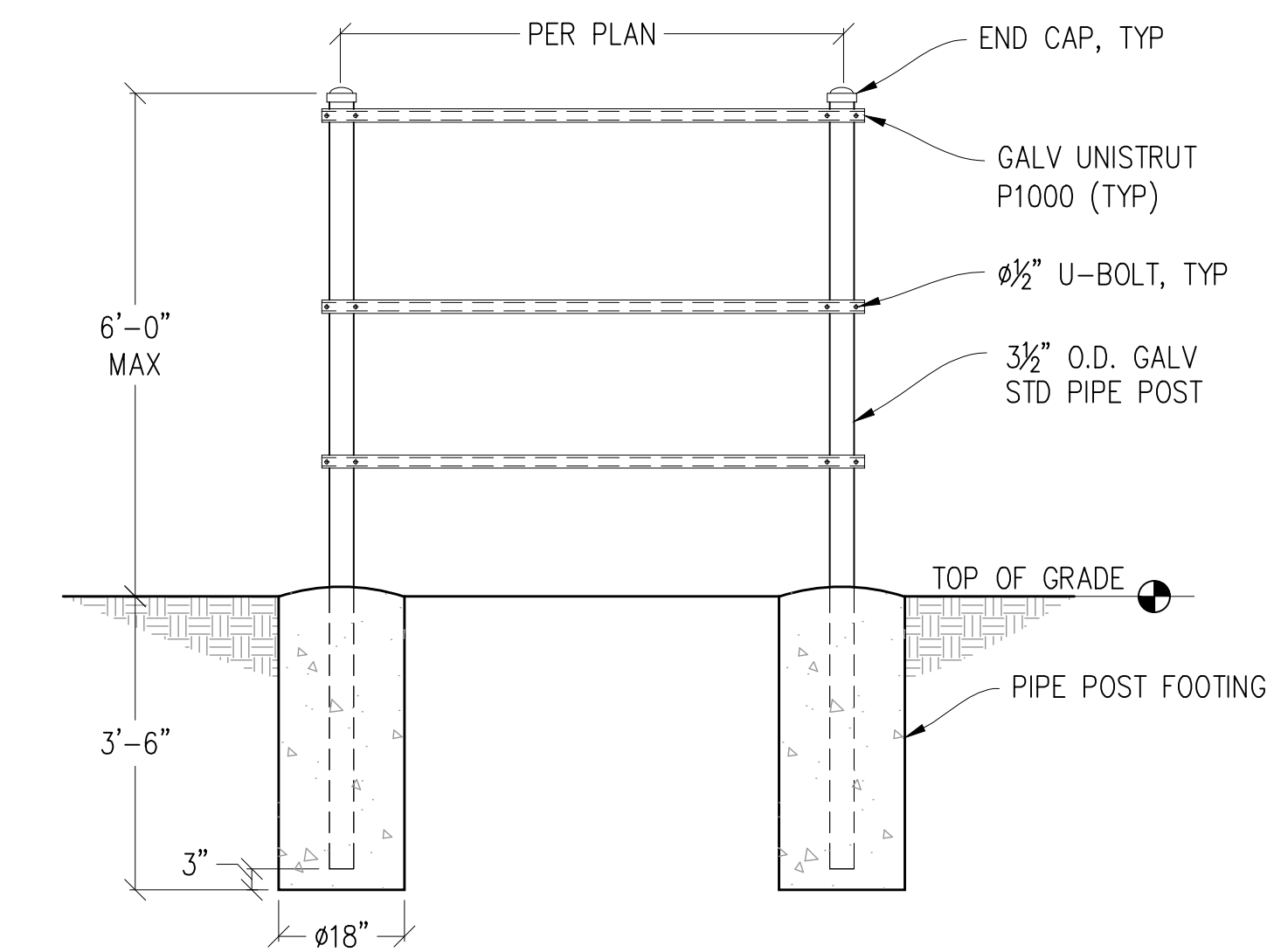
5 CONC. SLAB DETAIL
1/4"=1'-0"



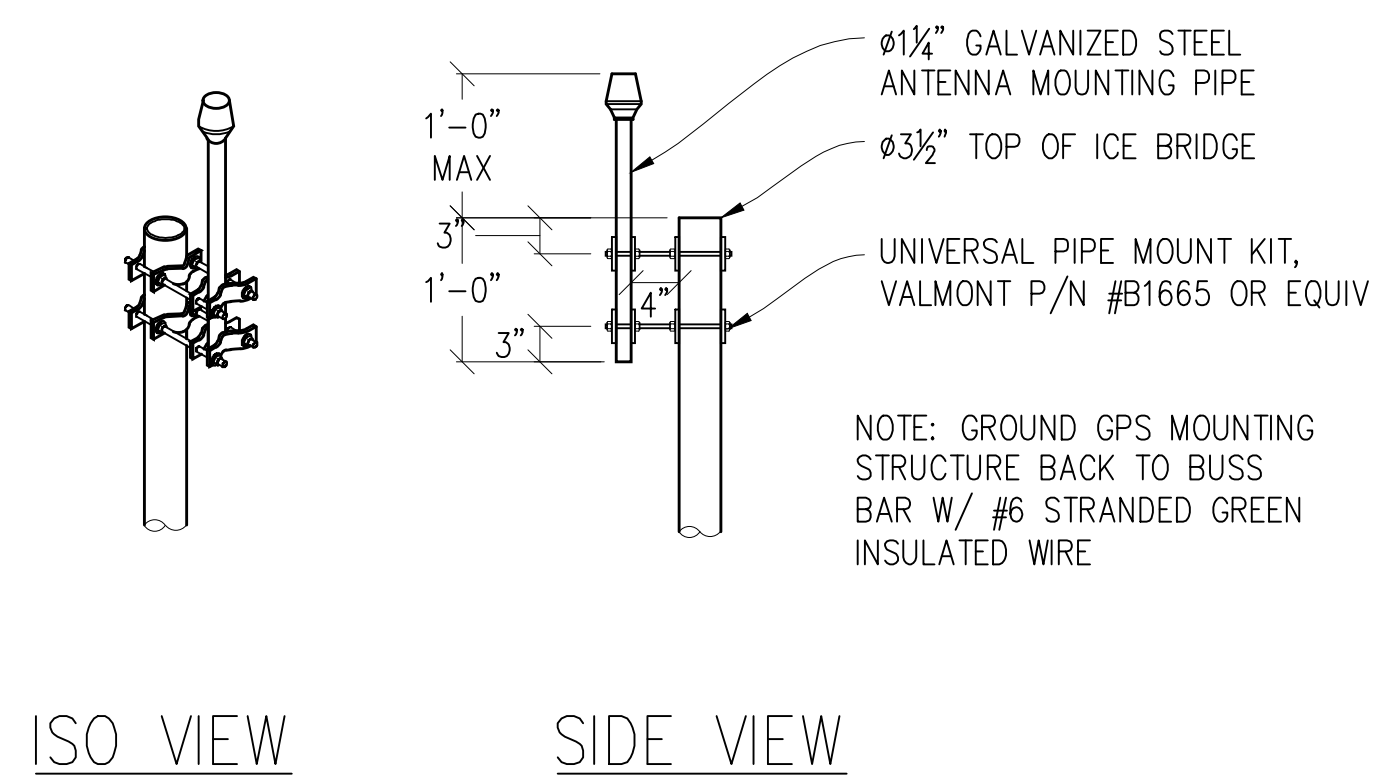
6 THICKENED EDGE SLAB
1"=1'-0"



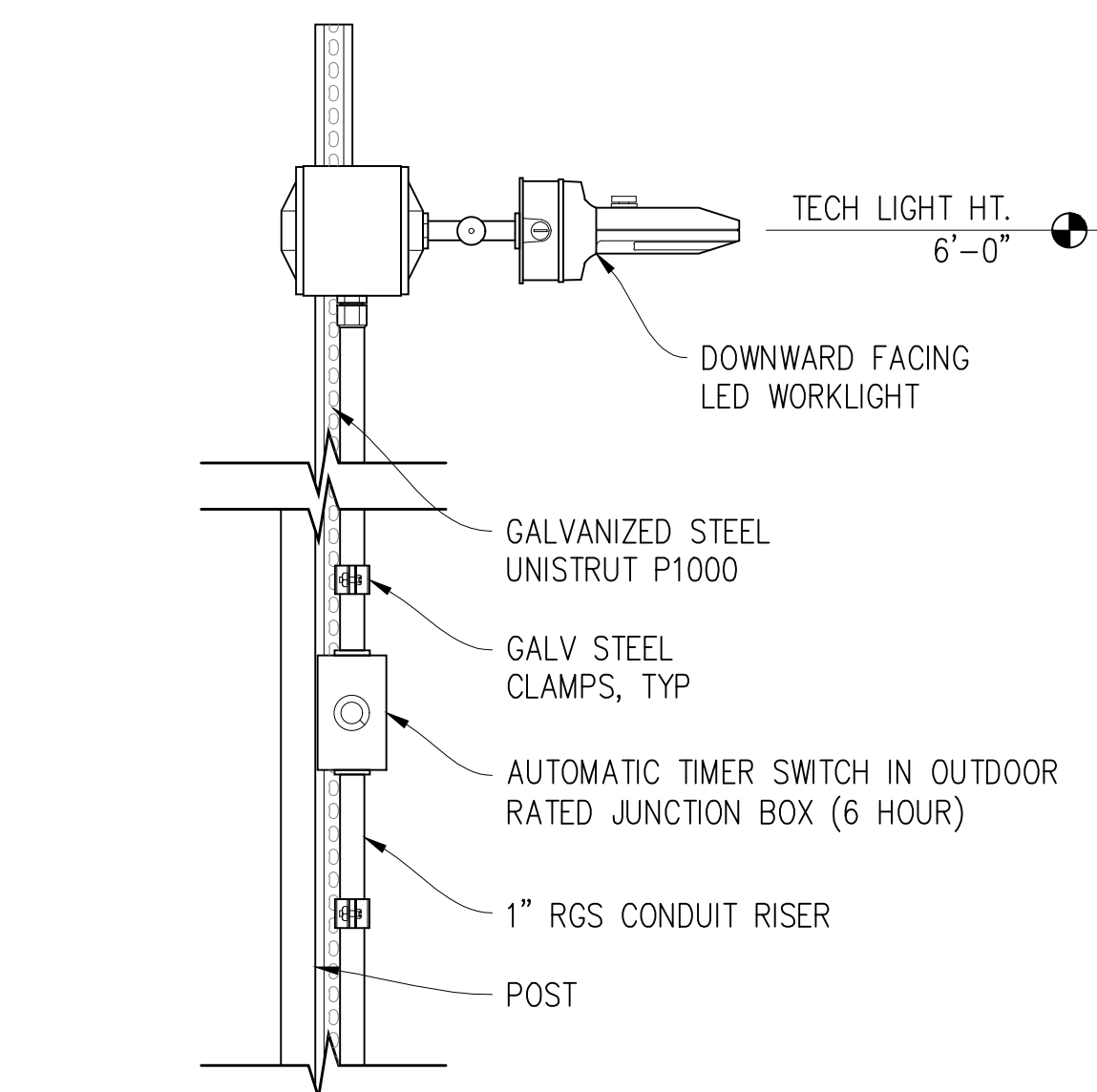
7 CABINET TO CONC
1 1/2"=1'-0"



8 H-FRAME DETAIL
1/2"=1'-0"



9 GPS MOUNT DETAIL
3/4"=1'-0"



10 TECH LIGHT MOUNTING
1 1/2"=1'-0"

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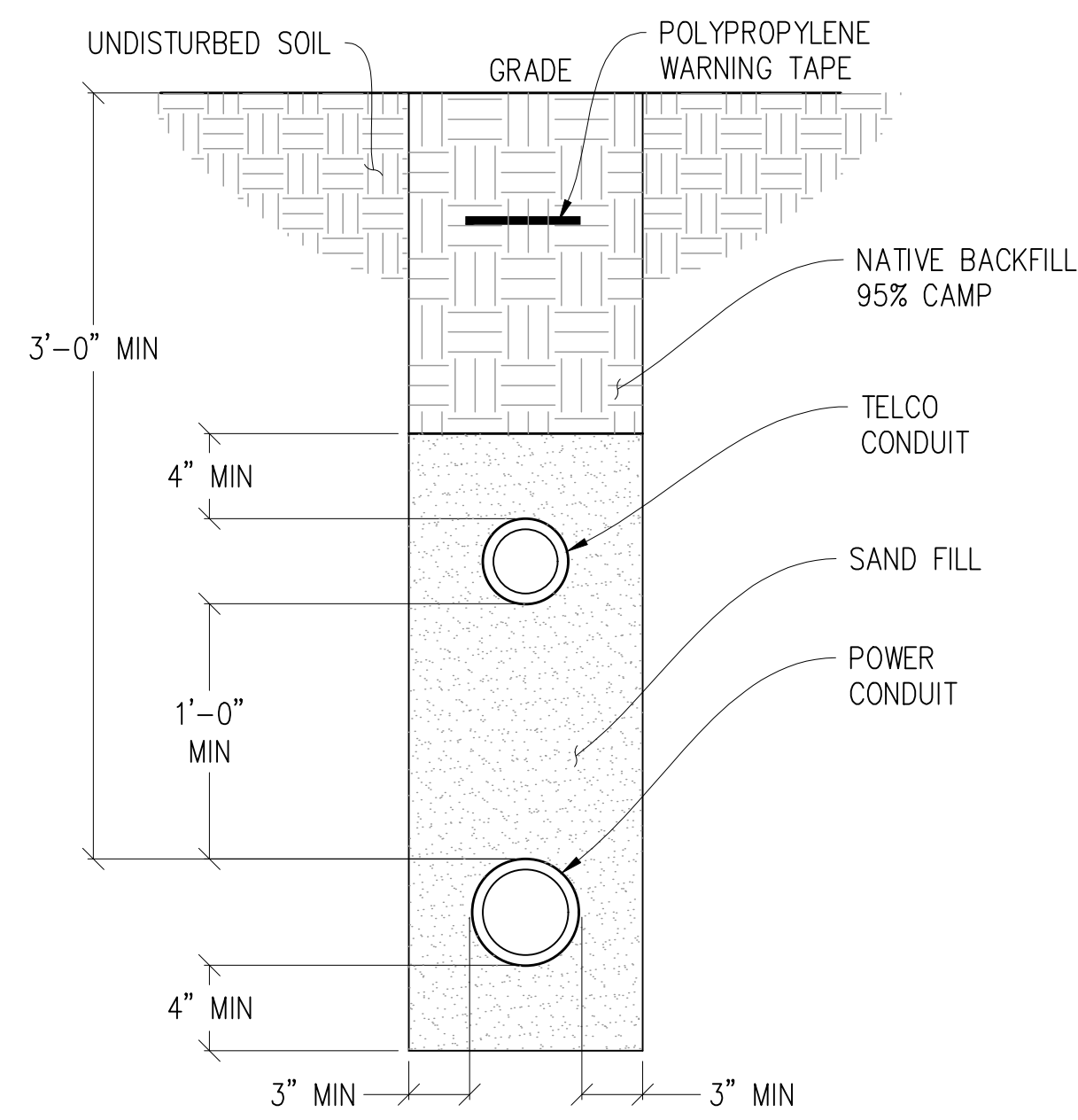
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ENGINEER:
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3843 Taylor Road, Suite A, Lodi, CA 95660
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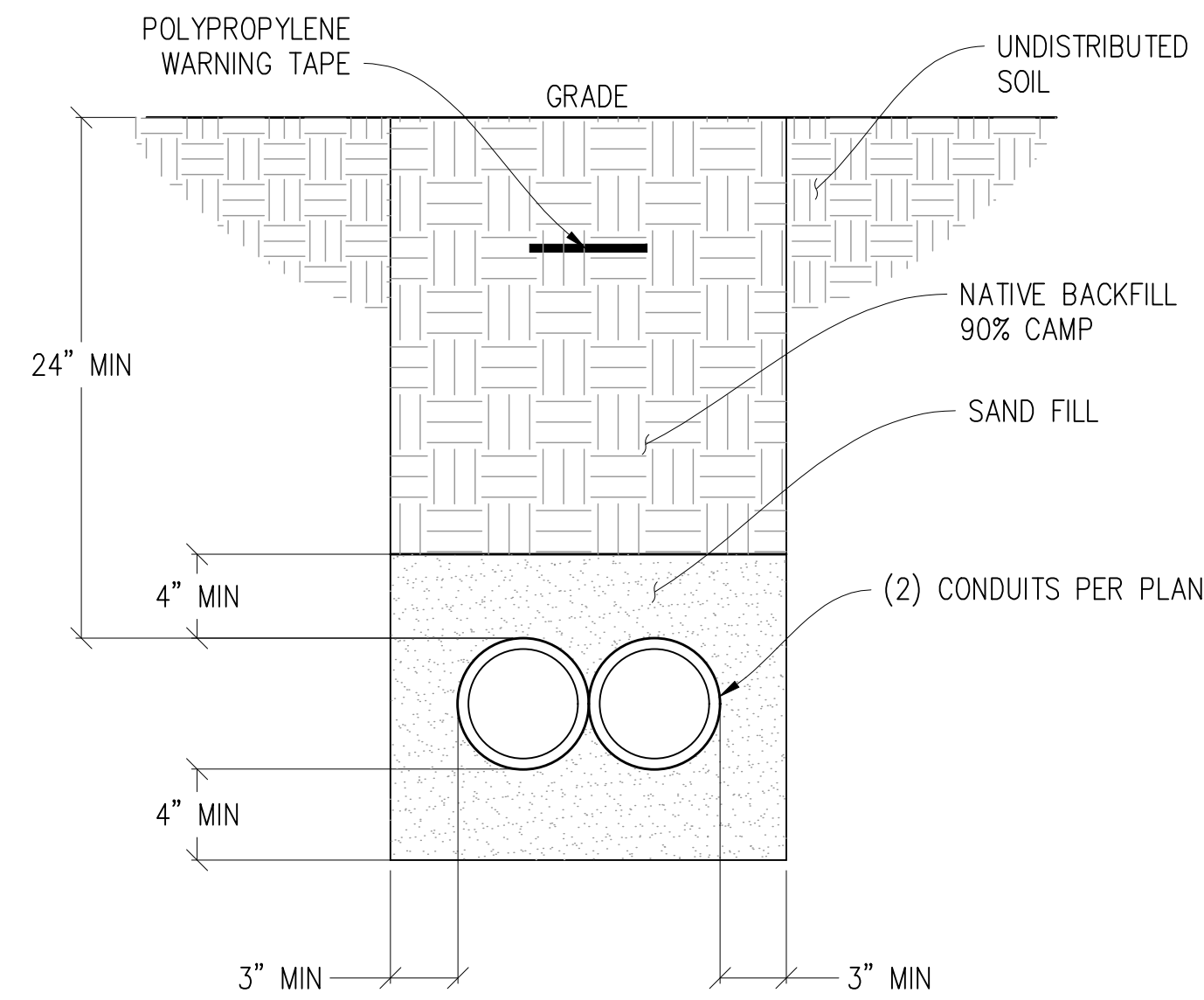
SHEET TITLE:
**STRUCTURAL
DETAILS**

SHEET NUMBER:
S-1.1



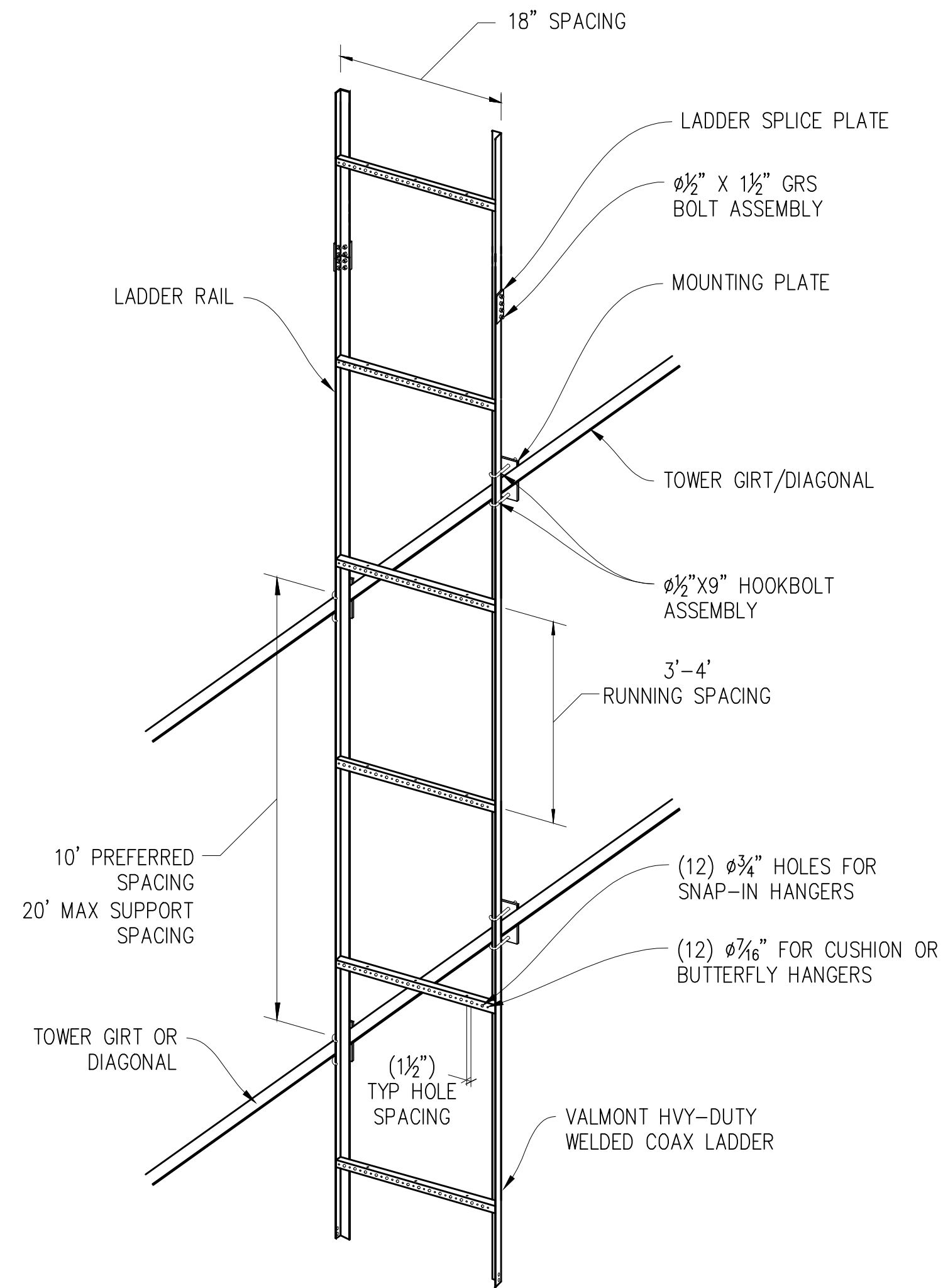
1 CONDUIT TRENCH DETAIL

1/2"=1'-0"



2 CONDUIT TRENCH DETAIL

1/2"=1'-0"



3 COAX LADDER TO TOWER

NOT TO SCALE

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DETAILS

SHEET NUMBER:

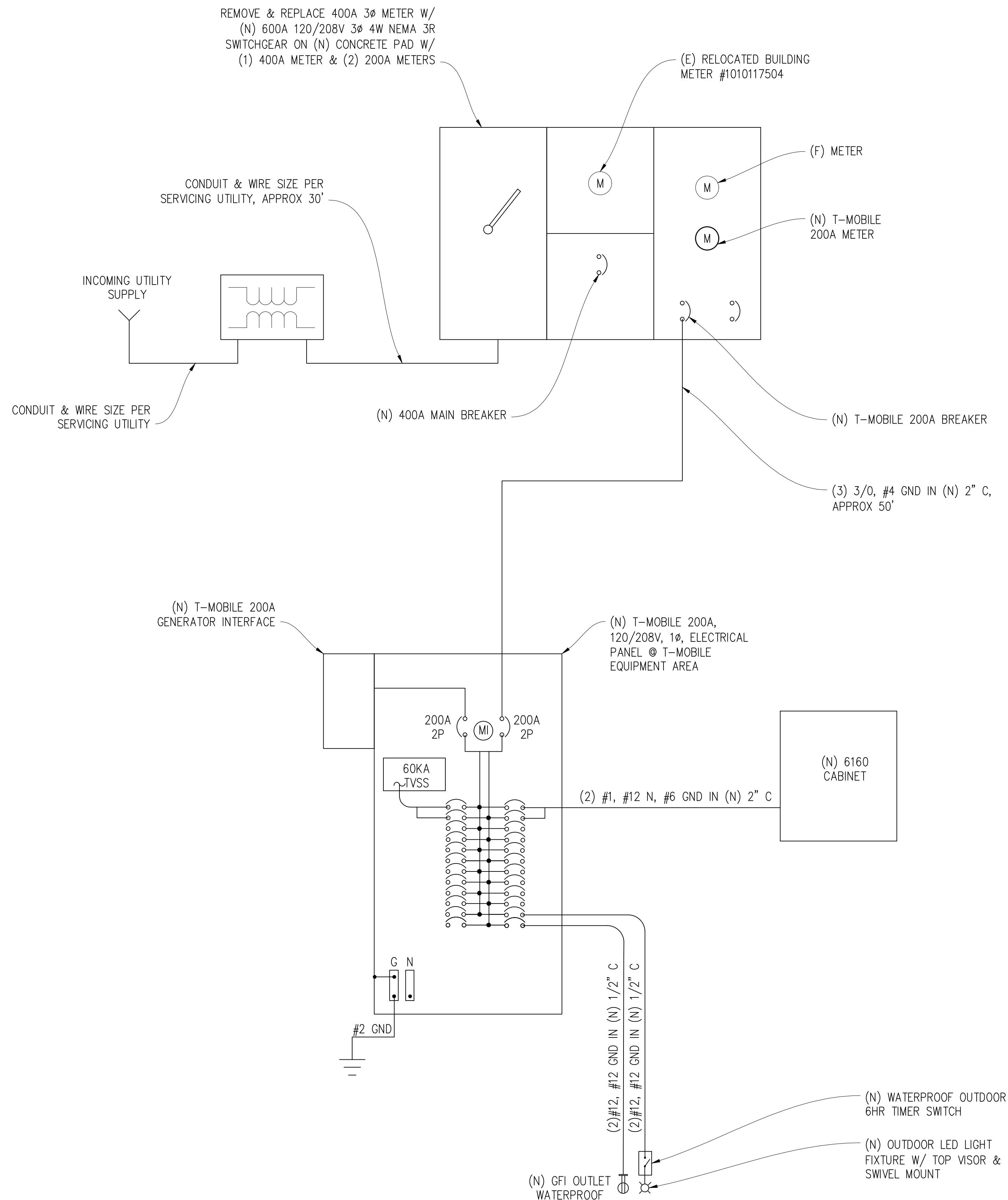
S-1.2

ELECTRICAL LABELING REQUIREMENTS

- 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
- ALL PANELS, XFMR's AND PULL BOXES SHALL BE LABELED WITH DEVICE 'NAME', VOLTAGE(S), RATING FOR XFMR's, AND "FED FROM" DATA.
- 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.
- ALL (N) OR RETROFITTED LIGHTING FIXTURES SHALL BE LABELED WITH THE "FED FROM" DATA (SWITCH#)
- 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.
- "FED FROM: DATA = <panel name> <brkr#> EG: "PANEL X/1,3,5"

ELECTRICAL NOTES

- ALL ELECTRICAL WORK SHALL CONFORM TO THE 2022 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 MFG'R'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.



(N) SINGLE LINE DIAGRAM

ELECTRIC LEGEND

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

(N) PANEL SCHEDULE

NAMEPLATE : PANEL A		SC LEVEL 65000				VOLTS: 120V/208V, 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	ØB
LOAD VA	LOAD VA						LOAD VA	LOAD VA
30		SURGE ARRESTOR	60/2	1 2	20/1	GFCI	180	
	30	" "	" "	3 4	20/1	SPARE		0
		BLANK	- 5	6	125/2	(N) 6160 CABINET	9500	
		" "	- 7	8	" "	" "		9500
		" "	- 9	10	-	BLANK		
		" "	- 11	12	-	" "		
		" "	- 13	14	-	" "		
		" "	- 15	16	-	" "		
		" "	- 17	18	-	" "		
		" "	- 19	20	-	" "		
		" "	- 21	22	20/1	TECH LIGHT	300	
		" "	- 23	24	20/1	GFI		180
30	30	PHASE TOTALS				PHASE TOTALS	9980	9680
TOTAL VA =	19720	TOTAL AMPS=		95				

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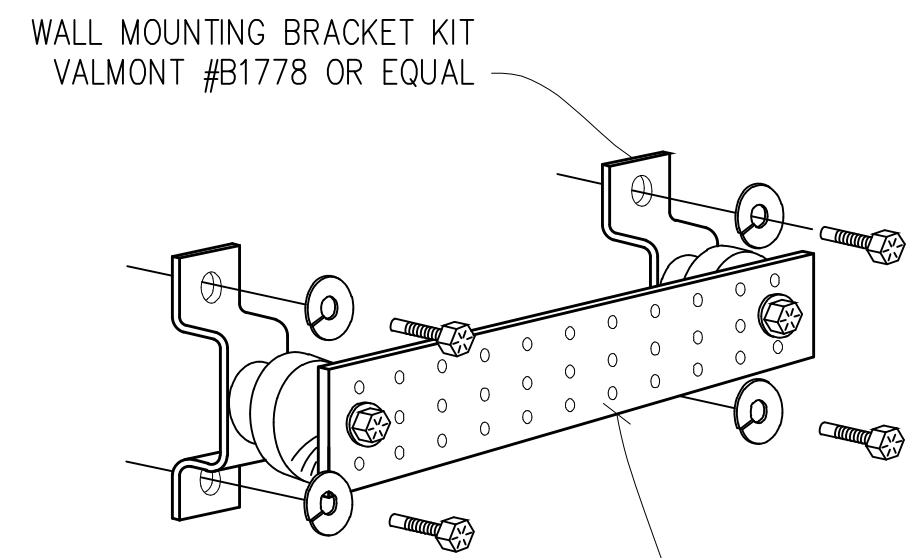
ENGINEER:
Streamline Engineering

3840 Taylor Road, Suite A, Los Altos, CA 94024
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

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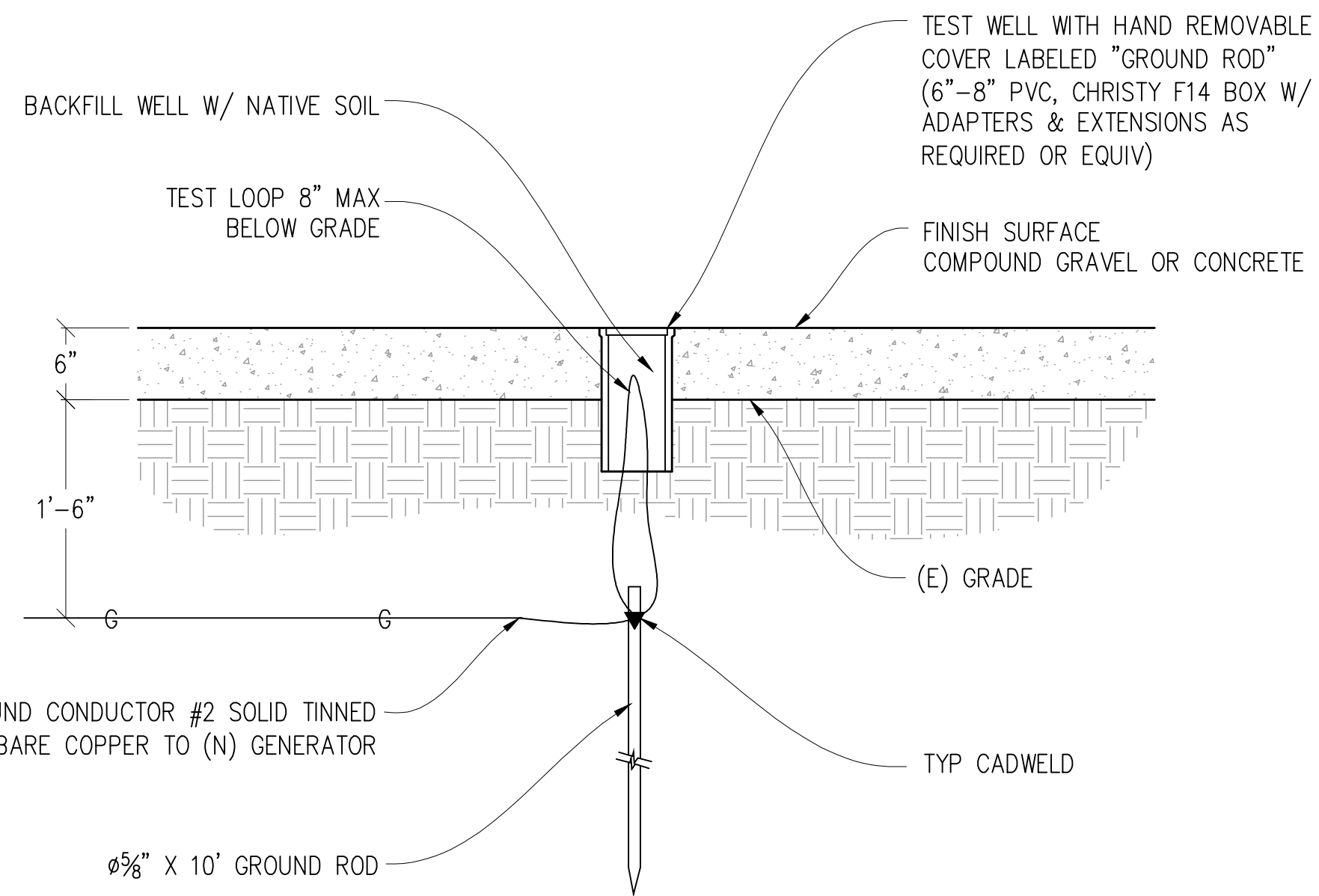
SHEET TITLE:
ELECTRICAL PLAN

SHEET NUMBER:
E-1.1



WALL MOUNTING BRACKET KIT
VALMONT #B1778 OR EQUAL

COPPER GROUND BUSS $\frac{1}{2}$ "X4"X24"
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)



2 TEST WELL DETAIL
NOT TO SCALE

GROUNDING LEGEND

- MECHANICAL CONNECTION
- ▼ EXOTHERMIC CADWELD
- ⊕ TYP. CADWELD INSPECTION WELL
- ⊖ TYP. $\frac{3}{8}$ " 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

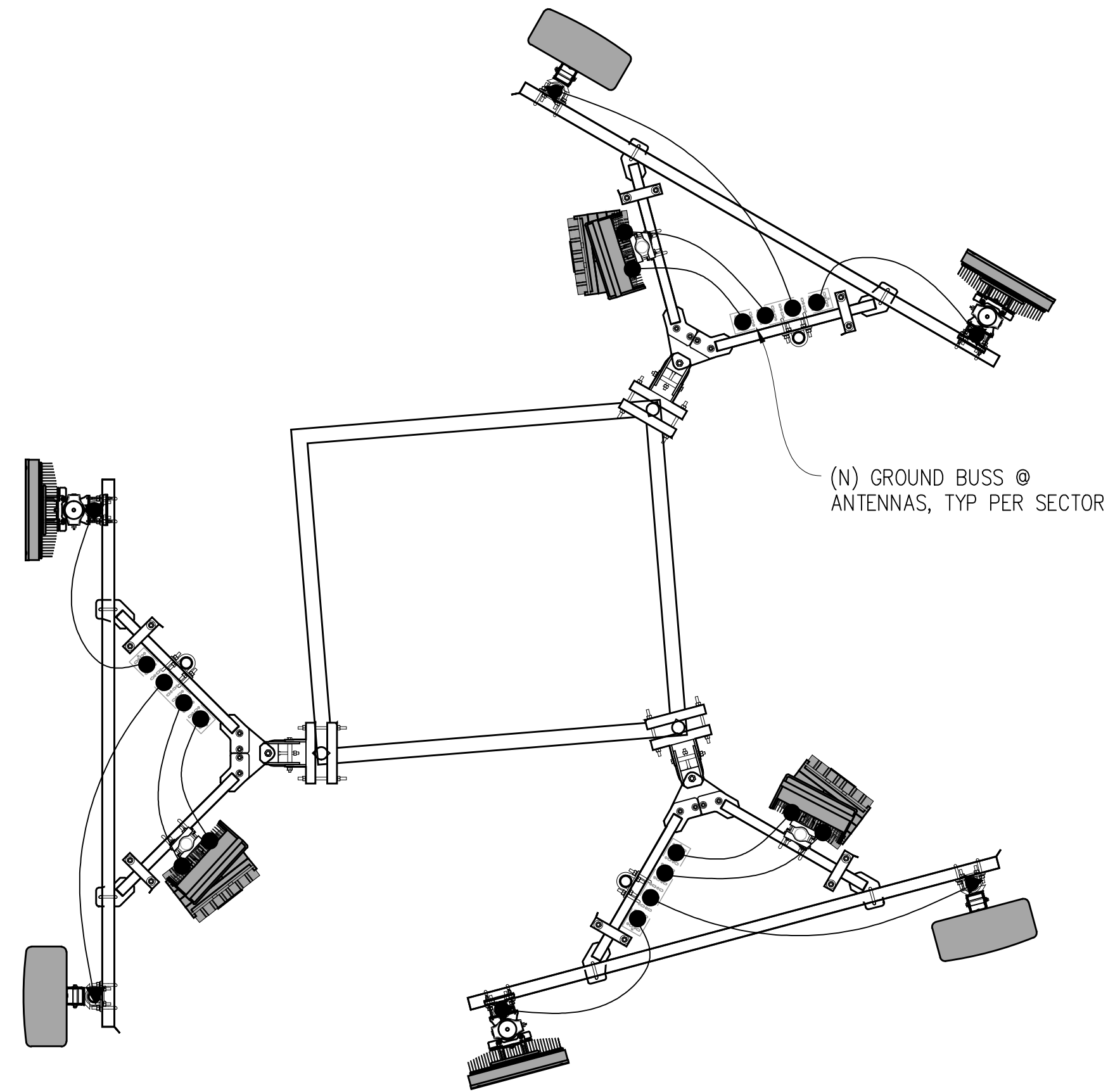
GROUNDING NOTES

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:

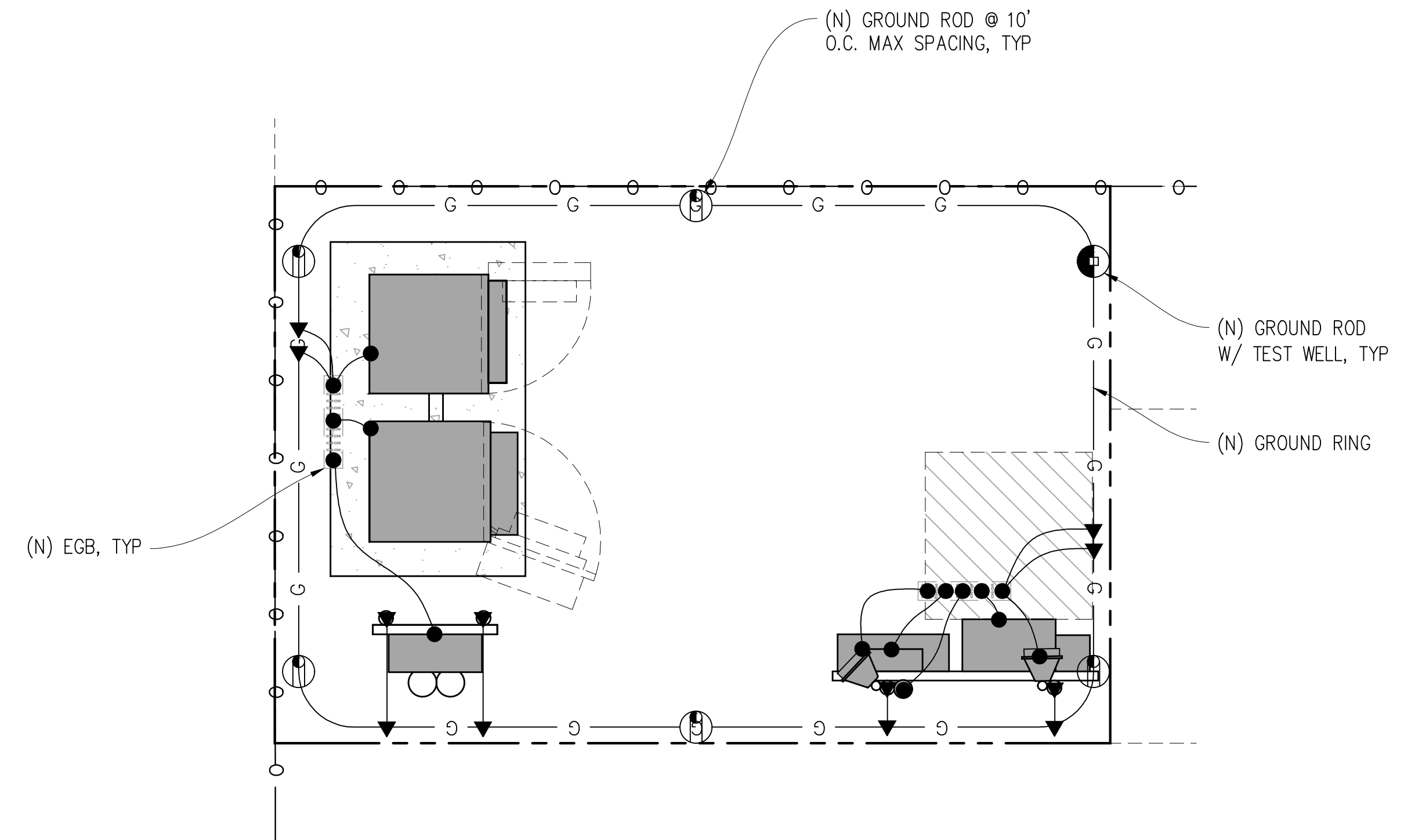
- A. CONNECT TO EXISTING GROUNDING SYSTEMS
- B. CONNECT TO BUILDING STEEL COLUMNS
- C. INSTALL A NEW GROUNDING SYSTEM

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.

1 GROUND BUSS DETAIL
NOT TO SCALE



ANTENNA GROUNDING PLAN



EQUIPMENT GROUNDING PLAN

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CONSULTING INC.

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GROUNDING PLANS

SHEET NUMBER:

E-1.2

SFL0007A Coverage Plots

58 Asoleado Drive
Carmel Valley, CA 93924



SFL0007A – Site Location (Aerial View)



SFL0007A - 36.4187031, -121.638226



Google Earth

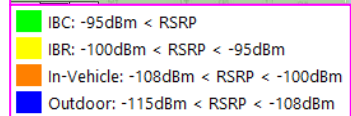
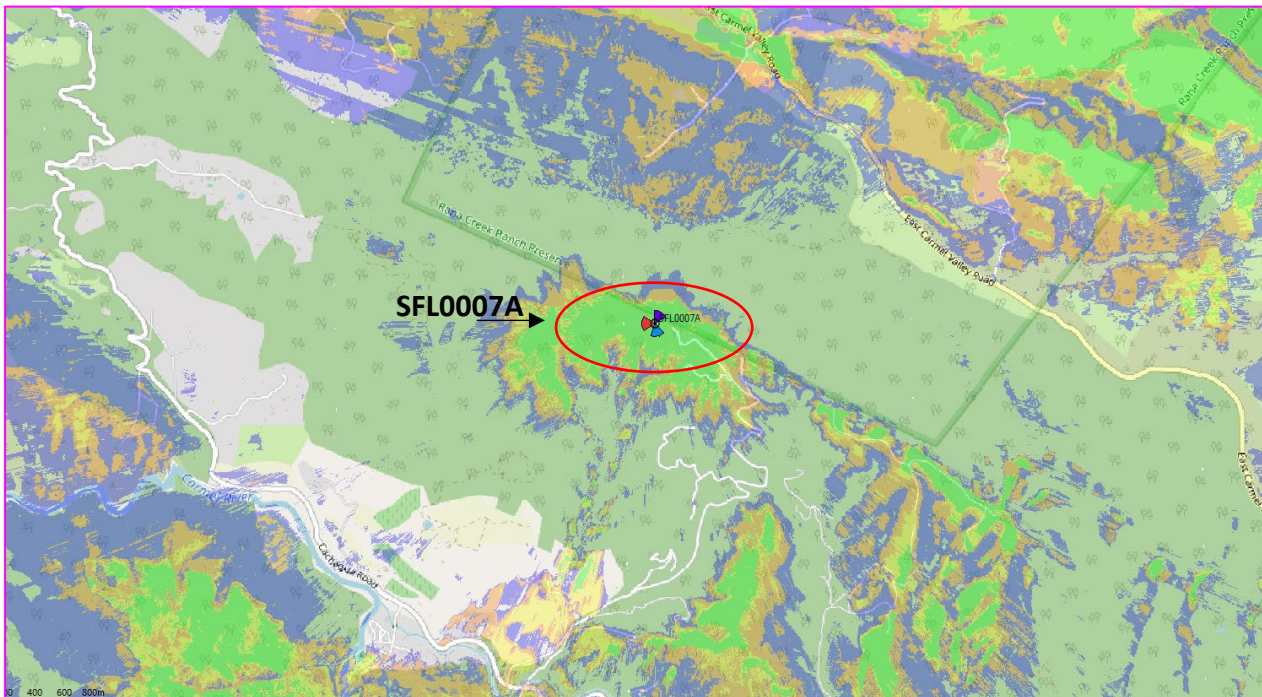
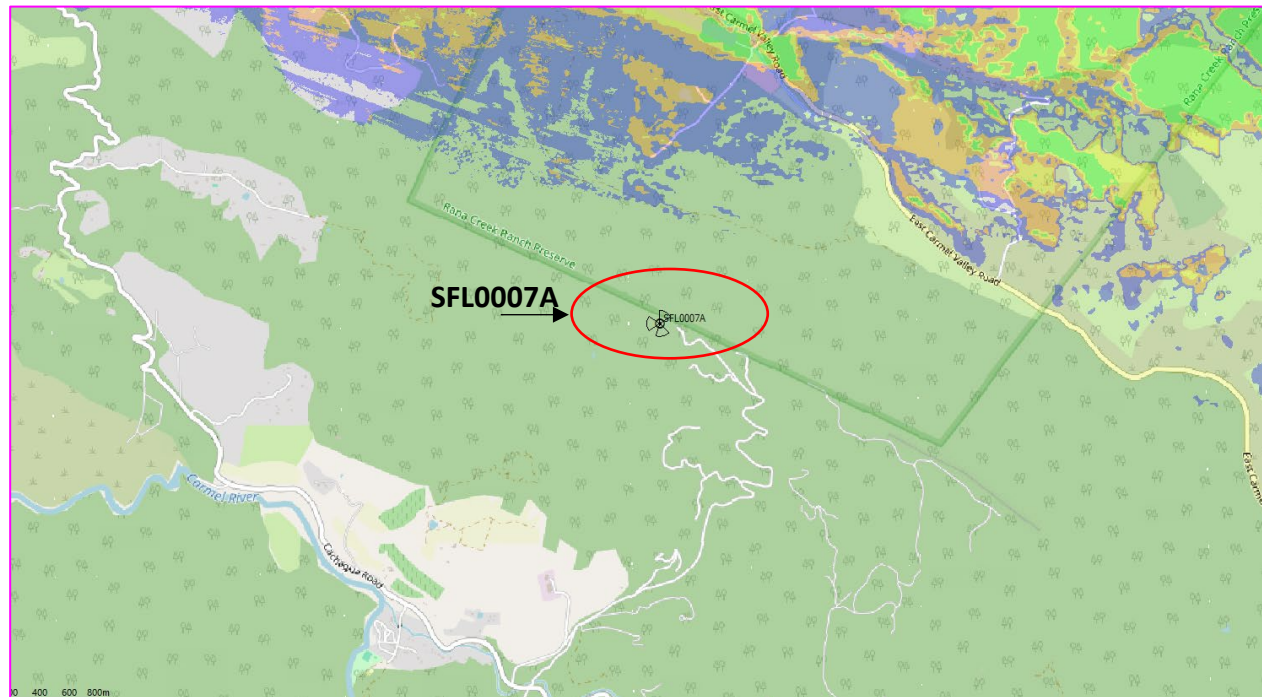
Image © 2025 Airbus

SFL0007A L2100 Coverage



L2100 Coverage – Without Site

L2100 Coverage – With Site

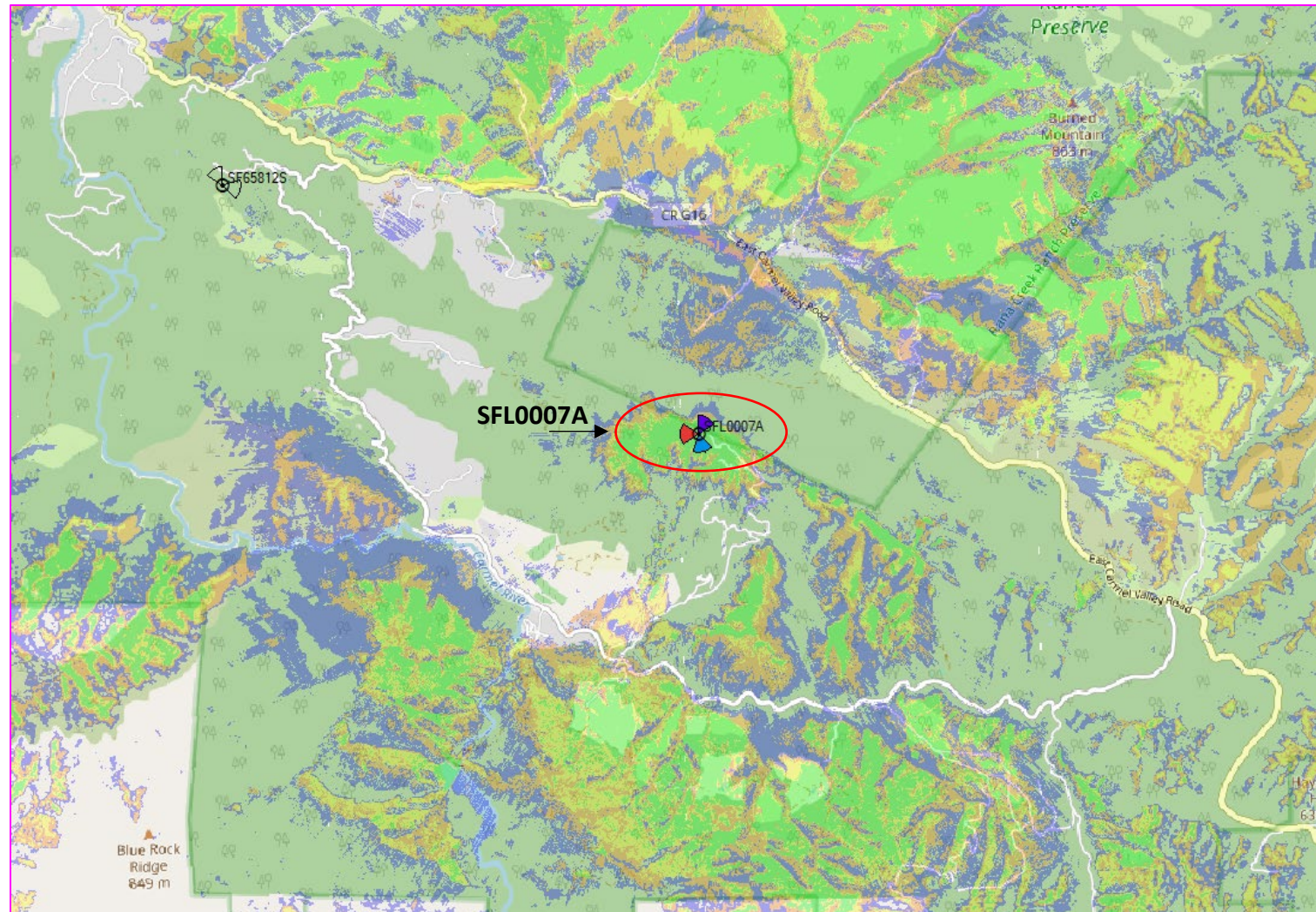


Legend (POPs Count)	POP Without site	POP With site	Delta
IBC: -95dBm < RSRP	30	30	0
IBR: -100dBm < RSRP < -95dBm	23	31	8
In-Vehicle: -108dBm < RSRP < -100dBm	25	110	85
Outdoor: -115dBm < RSRP < -108dBm	223	294	71

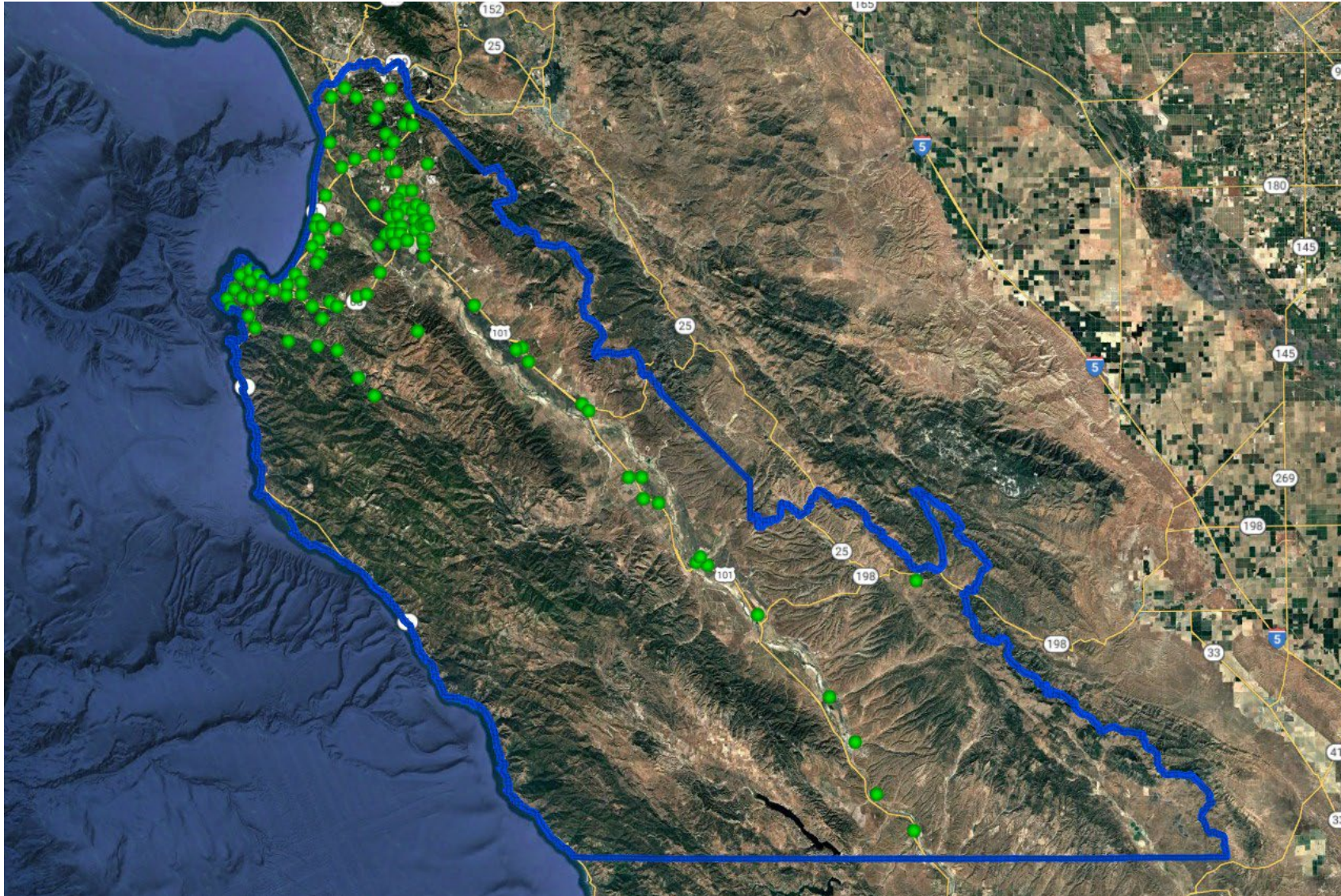
SFL0007A L2100 Coverage - Standalone



L2100 Coverage – Standalone

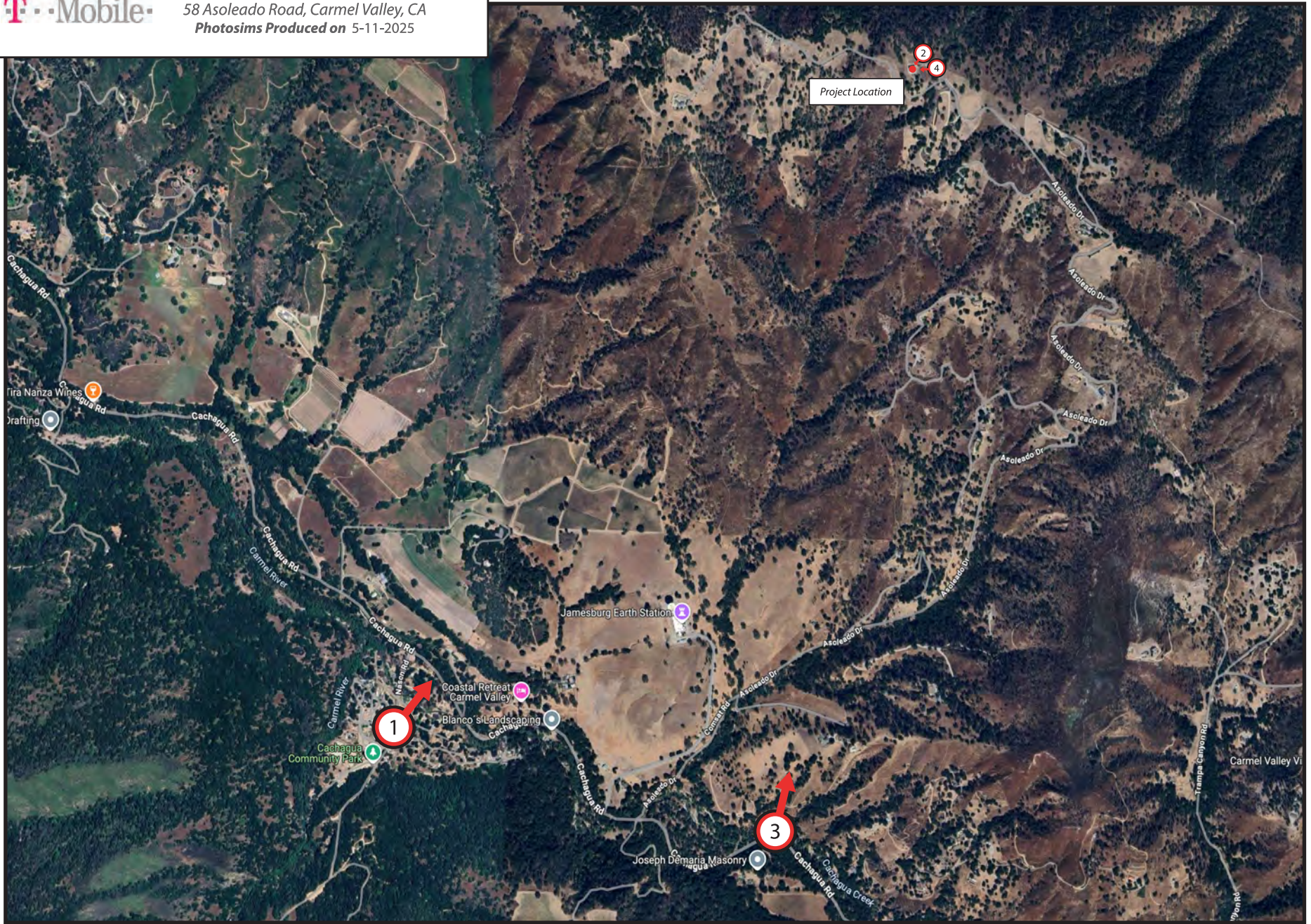


Monterey – On Air Sites (2D View)



ARE
YOU
WITH
US?[®]

T-Mobile[™]



Existing



Proposed



Proposed T-Mobile
Installation Not Visible

view from Nason Road looking northeast at site

Existing



Existing
Installation

Proposed



Proposed T-Mobile
Installation

view from property looking southwest at site

Existing



Proposed



Proposed T-Mobile
Installation Not Visible

view from Cachagua Road looking northwest at site

view from property looking west at site



SFL0007A Carmel Hilltop
58 Asoleado Road, Carmel Valley, CA
Photosims Produced on 5-11-2025

Existing

Proposed

