

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:

CTI TOWERS ASSETS I LLC (T-MOBILE) (PLN250267)

RESOLUTION NO. 25-063

Resolution by the County of Monterey Chief of Planning:

- 1) Finding that the project qualifies for a Class 1 Categorical Exemption pursuant to CEQA Guidelines Section 15301 and there are no exceptions pursuant to section 15300.2; and
1. Approving a Minor and Trivial Amendment to a previously approved Coastal Administrative Permit (PLN010094) for 3 satellite radio antennas to co-locate on an existing tower and install ground equipment within an existing compound. This Amendment is to allow collocation for T-Mobile on the previously approved wireless telecommunications facility, which includes installation of a 25-foot-high tower extension, three antennas, three radios, on an existing tower with three swivel and sector mounts, as well as the installation of ground equipment within an existing compound.

[PLN250267 CTI TOWERS ASSETS I LLC, 4040 Sunset Lane, Pebble Beach, Del Monte Forest Land Use Plan (APN: 008-112-009-000)]

The CTI TOWERS ASSETS I LLC application (PLN250267) came on for an administrative decision hearing before the County of Monterey Chief of Planning on December 3rd, 2025. Having considered all the written and documentary evidence, the administrative record, the staff report, oral testimony, and other evidence presented the County of Monterey Chief of Planning finds and decides as follows:

FINDINGS

1. **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 1982 Monterey County General Plan;
 - Del Monte Forest Land Use Plan;
 - Del Monte Forest Coastal Implementation Plan (DMF CIP); and

- Monterey County Zoning Ordinance (Title 20).

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. On February 21, 2001, the Monterey County HCD-Planning department approved a permit (PLN010094) for a permit consisting of a satellite radio to co-locate on an existing tower. On September 10th, 2025, an application for a Minor and Trivial Amendment was submitted to HCD-Planning staff. The Amendment will allow collocation for T-Mobile on the previously approved wireless telecommunications facility, which includes installation of a 25-foot-high tower extension, three antennas, three radios, on an existing tower with three swivel and sector mounts, as well as the installation of ground equipment within an existing compound. The ground equipment consists of a 15-foot concrete pad, 3 enclosure cabinets including a Hoffman box, 12 batteries, an ice bridge, one GPS antennae, one meter, and underground conduits in joint trench.
- c) Allowed Use. The property is located at 4040 Sunset Lane, Pebble Beach, within the Del Monte Forst Land Use Plan (Assessor's Parcel Number 008-112-009-000). The parcel is zoned Medium Density Residential, 4 acres per unit, with a Design Overlay, or "MDR/4-D(CZ)" which allows for additions to existing approved wireless telecommunication facilities as a principally allowed use pursuant to Title 20 section 20.14.040.R. Therefore, the project is an allowed land use for this site.
- d) Lot Legality. The subject property is located in an American Tower Corporation Site No. 207954, which the owner has granted authorization to T-Mobile to co-locate on a tower ground lease agreement dated October 1st, 2013, between Comcast of California IX Inc., Comcast, and CTI Towers Assets I LLC. The subject property APN:008-112-009-000, is identified in its current configuration as a portion of Lot 9 in Block 204 of Track No. 169 in the Final Map for the City of Pebble Beach, recorded on October 27, 2016 (Volume 5, Page 21). Therefore, the County recognizes the subject property as a legal lot of record.
- e) Design and Visual Resources. The subject area includes a Design Control Overlay, which is intended to regulate the location, size, configuration, materials, and colors of structures and fences to assure the protection of the public viewshed and neighborhood character pursuant to Title 20 Chapter 20.44. The proposed collocation and additions to the existing WCF will utilize the existing utility pole, which is silver metal. The development is surrounded by existing vegetation and will blend with the surrounding environment. Pursuant to Title 20 section 20.64.310.H.1, wireless communication facilities should not be sited to create visual clutter or negatively affect specific views. The proposed development will be sited on an existing utility pole with materials and colors to not create a negative visual effect or visual clutter within the area. DMF LUP Policy 48 indicates that new development within visually prominent settings, shall be sited and designed in such a manner that will not take away the scenic value of

the area. Although there will be an increase in height from the top of the existing tower from 80 feet to 105 feet, it is still subordinate to the surrounding environment, similar to the existing height of the adjacent vegetation. Therefore, as proposed and designed, the project is consistent with the design control regulations and is subordinate to the surrounding environment.

- f) Cultural Resources. According to Monterey County Geographic Information System (GIS) records identifies the subject property to be within a moderate archaeological sensitivity area and is not within a known or potential archaeological resource area. Therefore, an archaeological report is not required under the DMF CIP section 20.147.080.B.1. There is no evidence that any cultural resources would be disturbed, 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.
- g) Wireless Telecommunication Facility. As demonstrated in Finding 6, the project is consistent with the regulations for siting and design of WCF contained in Title 20 Section 20.64.310.
- h) Land Use Advisory Committee (LUAC) Review. Based on the LUAC guidelines, the project was not referred to the Del Monte Forest Advisory Committee (LUAC) for review because it does not involve a public hearing Design Approval, a Lot Line Adjustment, preparation of an Initial study, or a Variance.
- i) The project planner conducted a site inspection on November 25th, 2025, to verify that the project on the subject parcel conforms to the plans listed above.
- j) The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning found in Project File PLN250267.

2. FINDING: **SITE SUITABILITY** – The site is physically suitable for the proposed development and/or use.

- EVIDENCE:**
- a) The project has been reviewed for site suitability by the following departments and agencies: HCD-Planning, HCD-Engineering Services, HCD-Environmental Services, Environmental Health Bureau, and Pebble Beach Community Services District. County staff reviewed the application materials and plans to verify that the project on the subject site conforms to the applicable plans and regulations, and there has been no indication from these departments/agencies that the site is not suitable for the development. Conditions recommended have been incorporated.
 - b) Staff conducted a site inspection on November 25th, 2025, 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 found in Project File PLN250267.

3. **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- Engineering Services, HCD-Environmental Services, Environmental Health Bureau, and Pebble Beach Community Services District. 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) Necessary public facilities are available. The existing power pole will continue to provide electricity. The proposed project will not require the use of water or sewer.
 - c) Staff conducted a site inspection on November 25th, 2025, 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 found in Project File PLN250267.
4. **FINDING:** **NO VIOLATIONS** – The subject property is in compliance with all rules and regulations pertaining to zoning uses, subdivision, 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 site inspection on November 25th, 2025, and researched County records to assess if any violation exists on the subject property.
 - c) The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning found in Project File PLN250267.
5. **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 maintenance or minor alterations of an existing structure.
 - b) The Amendment will install a 25-foot-high tower extension, three antennas, three radios, on an existing tower with three swivel and sector mounts, as well as the installation of ground equipment within an existing compound. Due to the installation of equipment being a collocation on an existing facility, being considered a facility used to provide electrical power for public utility services, they qualify for a Class 1 categorical exemption as described in §15301 of the CEQA Guidelines.

- c) None of the exceptions under CEQA Guidelines Section 15300.2 apply to this project. The project does not involve a designated historical resource, a hazardous waste site, unusual circumstances that would result in a significant effect, or development that would result in a cumulative significant impact. The project site does not contain environmentally sensitive habitat. Additionally, no scenic resources, such as trees, rock outcroppings, and historical buildings, within the scenic highway will be impacted by the proposed project. The development will neither create nor significantly contribute to geologic instability or geologic hazards. There is no substantial evidence that would support a fair argument that the project has a reasonable possibility of having a significant effect on the environment or that it would result in a cumulative significant impact.
- d) No adverse environmental effects were identified during staff review of the development application during a site visit on November 25th, 2025.
- e) See supporting Finding Nos. 1 and 2. The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning found in Project File PLN250267.

6. FINDING: WIRELESS COMMUNICATION 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 communications facility complies with all applicable requirements of Monterey County Code (MCC) Section 20.64.310. 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) Pursuant to the requirements in Title 20 section 20.64.310.C.7, co-location on pre-existing wireless communication facilities should be pursued to the maximum extent feasible and are allowed on any lot or parcel in any zoning district subject to the General Development Standards that is encouraged when it will decrease visual impact and discouraged in cases when it will increase visual impact. The proposed addition to the existing WCF tower by T-Mobile does not change the use of the existing CTI Towers Assets transmission tower by installing additional equipment and therefore is subject to a Minor and Trivial Amendment as identified in Title 20 section 20.76.115 as a conditional use for the proposed amendments to any coastal administrative permit issued (see evidence “b” in Finding 1).
 - b) Site Location and Analysis Site analysis confirms that the proposed additions to the existing wireless communication facility (WCF) will not substantially alter the visual impact when viewed from Huckleberry Hill or nearby scenic viewpoints, as it is not within the visually sensitive area. The

WCF will continue to match the existing pole's metal finish and blend with its surroundings, consistent with DMF LUP Policy 48.

- c) Co-location. Title 20 section 20.64.310(H)(b) encourages co-location of facilities. While the existing pole will be raised in height with minor additions and will not be replaced, this addition will not substantially alter the visual impact of the existing metal tower as it is a co-location, when viewed from Sunset Lane.

Title 20 section 20.64.310 encourages co-location of wireless facilities when possible. Co-location opportunities were analyzed for the proposed project, which is the existing WCF 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. 7).

- d) The project is consistent with Monterey County Code Chapter 20.92, Airport Approach Zoning, and does not require review by the Monterey County Airport Land Use Commission. This project does not affect any aircraft zones identified in Monterey County Code section 20.92.050 and therefore need not comply with the heights outlined in Monterey County Code section 20.92.060. The proposed collocation on an existing telecommunication facility will not create a hazard for airport approaches or departures.
- e) The project does not penetrate a Federal Aviation Regulation (FAR) Part 77 Imaginary Surface. The project site is located approximately 4.3 miles from 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. The proposed telecommunication facility will not create a hazard for aircraft in flight.
- f) The project planner reviewed the project application materials and plans and the County 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 Monterey County HCD-Planning for the proposed development are found in Project File PLN250267.

7. **FINDING:** **PUBLIC ACCESS** – The project is in conformance with the public access and recreation policies of the Coastal Act (specifically Chapter 3 of the Coastal Act of 1976, commencing with Section 30200 of the Public Resources Code) and Local Coastal Program, and does not interfere with any form of historic public use or trust rights.

- EVIDENCE:**
- a) No access is required as part of the project as no substantial adverse impact on access, either individually or cumulatively, as described in Section 20.147.130 of the Del Monte Forest Coastal Implementation Plan can be demonstrated.
 - b) The subject property is not described as an area where the Local Coastal Program requires public access (Figure 8 in the Del Monte Forest Coastal Land Use Plan).
 - c) No evidence or documentation has been submitted or found showing the existence of historic public use or trust rights over this property.
 - d) 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 PLN250267.
 - e) The project planner conducted a site inspection on November 25th, 2025.

8. FINDING: **APPEALABILITY** – The decision on this project may be appealed to the Board of Supervisors and the California Coastal Commission.

- EVIDENCE:**
- a) Board of Supervisors. In accordance with Title 20 Section 20.86.030, an appeal may be made to the Board of Supervisors by any public agency or person aggrieved by a decision of an Appropriate Authority other than the Board of Supervisors.
 - b) California Coastal Commission. In accordance with Title 20 Section 20.86.080.A, this project is appealable to the California Coastal Commission as it is between the sea and the first through public road paralleling the sea. For the Del Monte Forest, this would be Highway 68.

DECISION

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

1. Find the project qualifies for a Class 1 Categorical Exemption pursuant to CEQA Guidelines Section 15301;
2. Approve the Minor and Trivial Amendment to a previously approved Coastal Administrative Permit (PLN010094) for 3 satellite radio antennas to co-locate on an existing tower and install ground equipment within an existing compound. This Amendment is to allow collocation for T-Mobile on the previously approved wireless telecommunications facility, which includes installation of a 25-foot-high tower extension, three antennas, three radios, on an existing tower with three swivel and sector mounts, as well as the installation of ground equipment within an existing compound.

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 3rd day of December 2025.

Melanie Beretti, AICP
HCD Chief of Planning

COPY OF THIS DECISION MAILED TO APPLICANT ON DATE

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 SECRETARY OF THE PLANNING 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 Monterey County 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 Monterey County 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

PLN250267

1. PD001 - SPECIFIC USES ONLY

Responsible Department: Planning

**Condition/Mitigation
Monitoring Measure:**

This Minor and Trivial Amendment (PLN250267) to a previously approved Coastal Administrative Permit (PLN010094) allows for 3 satellite radio antennas to co-locate on an existing tower and install ground equipment within an existing compound. This Amendment is to allow collocation for T-Mobile on the previously approved wireless telecommunications facility, which includes installation of a 25-foot-high tower extension, three antennas, three radios, on an existing tower with three swivel and sector mounts, as well as the installation of ground equipment within an existing compound. The property is located at 4040 Sunset Lane, Pebble Beach (Assessor's Parcel Number 008-112-009-000), Del Monte Forest Land Use 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 _____) was approved by the Chief of Planning for Assessor's Parcel Number 008-112-009-000 on December 3rd, 2025. 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. EHSP01 - HAZARDOUS MATERIALS BUSINESS PLAN (Non-Standard)

Responsible Department: Health Department

Condition/Mitigation Monitoring Measure: The facility is anticipated to store hazardous materials in excess of threshold quantities that require registration with the California Environmental Protection Agency's California Environmental Reporting System (CERS) and an up-to-date Hazardous Materials Business Plan that meets the standards found in the California Code of Regulations, Title 19, Division 2, Chapter 4 (Hazardous Material Release Reporting, Inventory, and Response Plans) and the California Health and Safety Code, Division 20, Chapter 6.95 (Hazardous Material Release Response Plans and Inventory), and the Monterey County Code Chapter 10.65.

Compliance or Monitoring Action to be Performed: Prior to issuance of construction permit, the owner/applicant shall submit a completed Business Plan – Memorandum of Understanding (form available from EHB) that specifies the facility will be registered with CERS and that a Hazardous Materials Business Plan must be on file prior to bringing hazardous materials on site and/or commencement of operations.

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 the approved height in accordance with the attached plans.

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.

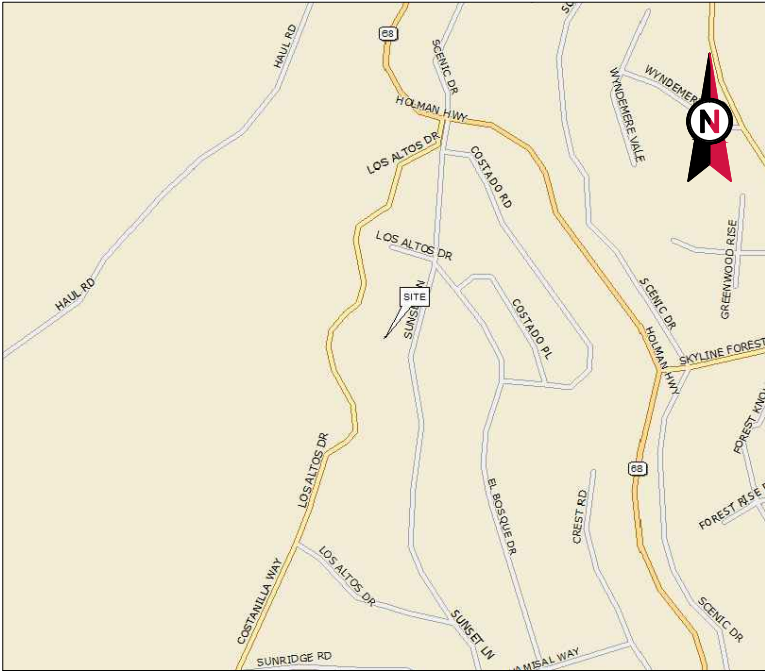
8. PD039(E) - WIRELESS EMISSION

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.



VICINITY MAP



ATC SITE NAME: PEBBLE BEACH
ATC SITE NUMBER: 207954
T-MOBILE SITE NAME: ATC: PEBBLE BEACH
T-MOBILE SITE NUMBER: SF95723A
SITE ADDRESS: 4040 SUNSET LN
DEL MONTE FOREST, CA 93953



LOCATION MAP

T-MOBILE REPLACEMENT COLLOCATION PLAN
67E59998E_1xAIR+1OP_(EXCAL) CONFIGURATION

| COMPLIANCE CODE | | PROJECT SUMMARY | | PROJECT DESCRIPTION | SHEET INDEX | | | | |
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| <p>ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.</p> <p>1. 2022 CALIFORNIA ADMINISTRATIVE CODE</p> <p>2. 2022 CALIFORNIA BUILDING CODE</p> <p>3. 2022 CALIFORNIA RESIDENTIAL CODE</p> <p>4. 2022 CALIFORNIA ELECTRICAL CODE</p> <p>5. 2022 CALIFORNIA PLUMBING CODE</p> <p>6. 2022 CALIFORNIA ENERGY CODE</p> <p>7. 2022 CALIFORNIA FIRE CODE</p> <p>8. 2022 CALIFORNIA EXISTING BUILDING CODE</p> <p>9. 2021 INTERNATIONAL BUILDING CODE (IBC)</p> <p>10. LOCAL BUILDING CODE</p> <p>11. CITY/COUNTY ORDINANCES</p> | <p><u>SITE ADDRESS:</u></p> <p>4040 SUNSET LN</p> <p>DEL MONTE FOREST, CA 93953</p> <p>COUNTY: MONTEREY</p> <p><u>GEOGRAPHIC COORDINATES:</u></p> <p>LATITUDE: 36.58617</p> <p>LONGITUDE: -121.92296</p> <p>GROUND ELEVATION: 785' AMSL</p> <p><u>ZONING INFORMATION:</u></p> <p>JURISDICTION: MONTEREY COUNTY</p> <p>PARCEL ID: 008112009000</p> | | <p>THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:</p> <p><u>TOWER WORK:</u></p> <p>INSTALL (3) VFA8-NPNH SECTOR MOUNT(S), (3) RRU DUAL SWIVEL MOUNT(S), (3) AIR 6419 B41 ANTENNA(S), (3) APXVAALL24M-U-J20 ANTENNA(S), (3) RADIO 4480 B71+B85A RRU(s), (3) RADIO 4460 B25+B66 RRU(s), (9) PIPE MOUNT(S), (9) CROSSOVER PLATE KIT(S), AND (2) 6/24 4AWG (2.00" / 50.8mm) HYBRID TRUNK(S) (LENGTH: ± 70m).</p> <p>PROPOSED TOWER EXTENSION TO BE PERMITTED AND INSTALLED BY OTHERS.</p> <p><u>GROUND WORK:</u></p> <p>INSTALL (1) 10' X 15' CONCRETE PAD(S), (1) ENCLOSURE 6160 V2 AC CABINET(S), (1) ENCLOSURE B160 CABINET(S), (12) NORTHSTAR NSB 190FT BATTER(IES), (2) H-FRAME(S), (1) 200A PPC(s), (1) HOFFMAN BOX(ES), (1) ICE BRIDGE(S), (1) GPS ANTENNA(S), (1) METER(S), (1) DISCONNECT(S), (2) RP 6651(s), (1) CSR IXRE V2(s), (1) LED LUMINAIRE(s), AND UNDERGROUND CONDUIT(S) IN JOINT TRENCH.</p> | SHEET NO: | DESCRIPTION: | REV: | DATE: | BY: | |
| | G-001 | TITLE SHEET | | 0 | 04/07/25 | SRZ | | | |
| | G-002 | GENERAL NOTES | | 0 | 04/07/25 | SRZ | | | |
| | C-001 | OVERALL SITE PLAN | | 0 | 04/07/25 | SRZ | | | |
| | C-101 | DETAILED SITE PLAN | | 0 | 04/07/25 | SRZ | | | |
| | C-102 | DETAILED EQUIPMENT LAYOUT | | 0 | 04/07/25 | SRZ | | | |
| | C-201 | TOWER ELEVATION | | 0 | 04/07/25 | SRZ | | | |
| | C-401 | ANTENNA INFORMATION & SCHEDULE | | 0 | 04/07/25 | SRZ | | | |
| | C-501 | CONSTRUCTION DETAILS | | 0 | 04/07/25 | SRZ | | | |
| | C-502 | CONSTRUCTION DETAILS | | 0 | 04/07/25 | SRZ | | | |
| C-503 | CONSTRUCTION DETAILS | 0 | 04/07/25 | SRZ | | | | | |
| C-504 | CONSTRUCTION DETAILS | 0 | 04/07/25 | SRZ | | | | | |
| E-101 | GROUNDING DETAILS & ELECTRICAL SCHEMATIC | 0 | 04/07/25 | SRZ | | | | | |
| E-501 | GROUNDING DETAILS | 0 | 04/07/25 | SRZ | | | | | |
| E-601 | PANEL SCHEDULE & ONE-LINE DIAGRAM | 0 | 04/07/25 | SRZ | | | | | |
| R-601 - R-610 | SUPPLEMENTAL | | | | | | | | |
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GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, T-MOBILE "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL

A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)

B. AC/TELCO INTERFACE BOX (PPC)

C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)

D. TOWERS, MONOPOLES

E. TOWER LIGHTING

F. GENERATORS & LIQUID PROPANE TANK

G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING

H. ANTENNAS (INSTALLED BY OTHERS)

I. TRANSMISSION LINE

J. TRANSMISSION LINE JUMPERS

K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS

L. TRANSMISSION LINE GROUND KITS

M. HANGERS

N. HOISTING GRIPS

O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF T-MOBILE TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE T-MOBILE REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE T-MOBILE REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE T-MOBILE REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE T-MOBILE CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE T-MOBILE REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH T-MOBILE AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH T-MOBILE REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.

22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH T-MOBILE REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY T-MOBILE MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH T-MOBILE SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO T-MOBILE FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO T-MOBILE SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY T-MOBILE REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. WHEN THE PROJECT SCOPE REQUIRES THE USE OF THE SAFETY CLIMB, THE GENERAL CONTRACTOR SHALL ENSURE THE SAFETY CLIMB IS FREE OF OBSTRUCTIONS, NOT RUBBING ON OR TRAPPED BY ANY INSTALLED CUSTOMER EQUIPMENT, IS VISUALLY TAUT, MEETS MANUFACTURER INSTALLATION SPECIFICATIONS, AND IS FIRMLY SECURED AT ALL CABLE GUIDE LOCATIONS UPON PROJECT COMPLETION.
29. COMPLETION OF PROJECT SHALL NOT OBSTRUCT, TRAP, LOOSEN, OR OTHERWISE CAUSE FAILURE TO MEET MANUFACTURER INSTALLATION REQUIREMENTS FOR THE SAFETY CLIMB.
30. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
31. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
32. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE T-MOBILE REP. ANY WORK FOUND BY THE T-MOBILE REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
33. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
34. T-MOBILE FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE T-MOBILE WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
35. T-MOBILE OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO T-MOBILE OR THEIR ARCHITECT/ENGINEER.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."
2. STRUCTURAL STEEL ROLLED SHAPES, PLATES AND BARS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:

A. ASTM A-572, GRADE 50 - ALL W SHAPES, UNLESS NOTED OR A992 OTHERWISE

B. ASTM A-36 - ALL OTHER ROLLED SHAPES, PLATES AND BARS UNLESS NOTED OTHERWISE.

C. ASTM A-500, GRADE B - HSS SECTION (SQUARE, RECTANGULAR, AND ROUND)

D. ASTM A-325, TYPE SC OR N - ALL BOLTS FOR CONNECTING STRUCTURAL MEMBERS

E. ASTM F-1554 07 - ALL ANCHOR BOLTS, UNLESS NOTED OTHERWISE
3. ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. EXPOSED STEEL HARDWARE AND ANCHOR BOLTS SHALL BE GALVANIZED PER ASTM A153 OR B695.
4. ALL FIELD CUT SURFACES, FIELD DRILLED HOLES AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (2) BRUSHED COATS OF ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.
5. DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND

DETAILED ON STRUCTURAL DRAWINGS.

6. CONNECTIONS:

A. ALL WELDING TO BE PERFORMED BY AWS CERTIFIED WELDERS AND CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS WELDING CODE D1.1.

B. ALL WELDS SHALL BE INSPECTED VISUALLY. 25% OF WELDS SHALL BE INSPECTED WITH DYE PENETRANT OR MAGNETIC PARTICLE TO MEET THE ACCEPTANCE CRITERIA OF AWS D1.1. REPAIR ALL WELDS AS NECESSARY.

C. INSPECTION SHALL BE PERFORMED BY AN AWS CERTIFIED WELD INSPECTOR.

D. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE BURNING/WELDING PERMITS AS REQUIRED BY LOCAL GOVERNING AUTHORITY AND IF REQUIRED SHALL HAVE FIRE DEPARTMENT DETAIL FOR ANY WELDING ACTIVITY.

E. ALL ELECTRODES TO BE LOW HYDROGEN, MATCHING FILLER METAL, PER AWS D1.1, UNLESS NOTED OTHERWISE.

F. MINIMUM WELD SIZE TO BE 0.1875 INCH FILLET WELDS, UNLESS NOTED OTHERWISE.

G. PRIOR TO FIELD WELDING GALVANIZING MATERIAL, CONTRACTOR SHALL GRIND OFF GALVANIZING 1/2" BEYOND ALL FIELD WELD SURFACES. AFTER WELD AND WELD INSPECTION IS COMPLETE, REPAIR ALL GROUND AND WELDED SURFACES WITH ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS RECOMMENDATIONS.

H. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE REQUIRED DURING CONSTRUCTION UNTIL ALL CONNECTIONS ARE COMPLETE.

I. ANY FIELD CHANGES OR SUBSTITUTIONS SHALL HAVE PRIOR APPROVAL FROM THE ENGINEER, AND T-MOBILE PROJECT MANAGER IN WRITING
7. SPECIAL CONSTRUCTION
8. ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:

A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY T-MOBILE UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL

B. INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND T-MOBILE SPECIFICATIONS.

C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.

D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE AND PROVIDE PRINTOUT OF THAT TEST.

E. CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANRITZU-PACKARD 8713B RF SCALAR NETWORK ANALYZER. SUBMIT FREQUENCY DOMAIN REFLECTOMETER(FDR) TESTS RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS "MINIMUM FIELD TESTING RECOMMENDED FOR ANTENNA AND HELIAX COAXIAL CABLE SYSTEMS" DATED 10/5/93. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE BOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.

F. INSTALL COAXIAL CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.

G. ANTENNA AND COAXIAL CABLE GROUNDING:

1. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPICE WEATHERPROOFING KIT #221213 OR EQUAL.

2. ALL COAXIAL CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL CABLE (NOT WITHIN BENDS).

9. CONCRETE AND REINFORCING STEEL NOTES:

1. DESIGN AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF ALL APPLICABLE CODES INCLUDING: ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 117 "SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS", AND ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."

2. MIX DESIGN SHALL BE APPROVED BY T-MOBILE REP PRIOR TO PLACING CONCRETE.

3. CONCRETE SHALL BE NORMAL WEIGHT, 6 % AIR ENTRAINED (+/- 1.5%) WITH A SLUMP RANGE OF 3-6" AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4500 PSI UNLESS OTHERWISE NOTED.

4. THE FOLLOWING MATERIALS SHALL BE USED:

PORTLAND CEMENT: ASTM C150, TYPE 2

REINFORCEMENT: ASTM A185, PLAIN STEEL WELDED WIRE FABRIC

REINFORCEMENT BARS: ASTM A615, GRADE 60, DEFORMED

NORMAL WEIGHT AGGREGATE: ASTM C33

WATER: ASTM C 94/C 94M

WELDED WIRE FABRIC: ASTM A185

ADMXTURES:

-WATER-REDUCING AGENT: ASTM C 494/C 494M, TYPE A

-AIR-ENTERING AGENT: ASTM C 260/C 260M

-SUPERPLASTICIZER: ASTM C494, TYPE F OR TYPE G

-RETARDING: ASTM C 494/C 494M, TYPE B

5. MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE NO LESS THAN 3".

6. A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE IN ACCORDANCE WITH ACI 301 SECTION 4.2.4, UNLESS NOTED OTHERWISE.

7. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL, OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR APPROVAL FROM AN ATC ENGINEER WHEN DRILLING HOLES IN CONCRETE.

8. ADMXTURES SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN "METHOD 1" OF ACI 301.

9. DO NOT WELD OR TACK WELD REINFORCING STEEL.

10. ALL DOWELS, ANCHOR BOLTS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT.

11. REINFORCEMENT SHALL BE COLD BENT WHENEVER BENDING IS REQUIRED.

12. DO NOT PLACE CONCRETE IN WATER, ICE, OR ON FROZEN GROUND.

13. FOR COLD-WEATHER (ACI 306) AND HOT-WEATHER (ACI 301M) CONCRETE PLACEMENT, CONFORM TO APPLICABLE ACI CODES AND RECOMMENDATIONS. IN EITHER CASE, MATERIALS CONTAINING CHLORIDE, CALCIUM, SALTS, ETC. SHALL NOT BE USED. PROTECT FRESH CONCRETE FROM WEATHER FOR 7 DAYS, MINIMUM.

14. ALL CONCRETE SHALL HAVE A "SMOOTH FORM FINISH."

15. SPLICING OF REINFORCEMENT IS PERMITTED ONLY AT LOCATIONS SHOWN IN THE CONTRACT DRAWINGS OR AS ACCEPTED BY THE ENGINEER. UNLESS OTHERWISE SHOWN OR NOTED REINFORCING STEEL SHALL BE SPLICED TO DEVELOP ITS FULL TENSILE CAPACITY (CLASS A) IN ACCORDANCE WITH ACI 318.

16. DETAILING OF REINFORCING STEEL SHALL CONFORM TO "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 315).

17. ALL SLAB CONSTRUCTION SHALL BE CAST MONOLITHICALLY WITHOUT HORIZONTAL CONSTRUCTION JOINTS, UNLESS SHOWN IN THE CONTRACT DRAWINGS.

18. LOCATION OF ALL CONSTRUCTION JOINTS ARE SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, CONFORMANCE WITH ACI 318, AND ACCEPTANCE OF THE ENGINEER. DRAWINGS SHOWING LOCATION OF DETAILS OF THE PROPOSED CONSTRUCTION JOINTS SHALL BE SUBMITTED WITH REINFORCING STEEL PLACEMENT DRAWINGS.

19. SPLICES OF WWF, AT ALL SPLICED EDGES, SHALL BE SUCH THAT THE OVERLAP MEASURED BETWEEN OUTERMOST CROSS WIRES OF EACH FABRIC SHEET IS NOT LESS THAN THE SPACING OF THE CROSS WIRE PLUS 2 INCHES, NOR LESS THAN 6".

20. BAR SUPPORTS SHALL BE ALL-GALVANIZED METAL WITH PLASTIC TIPS.

21. ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT BY CONSTRUCTION TRAFFIC OR CONCRETE. TIE WIRE SHALL BE OF SUFFICIENT STRENGTH FOR INTENDED PURPOSE, BUT NOT LESS THAN NO. 18 GAUGE.

22. SLAB ON GROUND: COMPACT STRUCTURAL FILL TO 95% DENSITY AND THEN PLACE 6" GRAVEL BENEATH SLAB.

1. ELECTRICAL WORK SHALL BE PERFORMED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL ENSURE THAT ALL WORK COMPLIES WITH ALL APPLICABLE LOCAL AND STATE CODES AND NATIONAL ELECTRICAL CODE.

2. ALL SUGGESTED ELECTRICAL ELEMENTS (SUCH AS BREAKER SIZES, WIRE SIZES, CONDUITS SIZES) ARE FOR ZONING PURPOSES ONLY. IT IS THE RESPONSIBILITY TO OF THE ELECTRICAL CONTRACTOR TO CONFIRM COMPLIANCE WITH LOCAL ELECTRICAL CODES AND PASS ALL APPLICABLE AND NECESSARY INSPECTIONS. IN SOME EVENTS, IT MAY BE NECESSARY TO PERFORM AN ELECTRICAL LOAD STUDY TO VERIFY THE CAPACITY OF THE EXISTING SERVICE. THIS IS NOT THE RESPONSIBILITY OF ATC. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.

3. CONTRACTOR SHALL FIELD LOCATE ALL BELOW GRADE GROUNDING CABLES AND UTILITY LINES PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR RELOCATION OF ALL UTILITIES AND GROUNDING LINES THAT MAY BECOME DISTURBED OR CONFLICTING IN THE COURSE OF CONSTRUCTION.

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

PLANS PREPARED BY:

326 TRYON ROAD
RALEIGH, NC 27603-3530
OFFICE: (919) 661-6351
www.tepgroup.net

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| REV. | DESCRIPTION | BY | DATE |
|------|-------------------|-----|----------|
| | PRELIMINARY | PVW | 02/17/25 |
| | 100% CONSTRUCTION | SRZ | 04/07/25 |
| | | | |
| | | | |
| | | | |

ATC SITE NUMBER:
207954

ATC SITE NAME:
PEBBLE BEACH

T-MOBILE SITE NAME:
ATC: PEBBLE BEACH

SITE ADDRESS:
4040 SUNSET LN
DEL MONTE FOREST, CA 93953

SEAL:

04/07/25

T-Mobile

| | |
|----------------|-------------------|
| DATE DRAWN: | 04/07/25 |
| ATC JOB NO: | 14921636 |
| CUSTOMER NAME: | ATC: PEBBLE BEACH |
| CUSTOMER ID: | SF95723A |

GENERAL NOTES

SHEET NUMBER:

G-002

REVISION:

0

NOTES:

1. BOUNDARY LINES OBTAINED FROM MONTEREY COUNTY ONLINE GIS.
2. ZONING INFORMATION OBTAINED FROM MONTEREY COUNTY.



LEGEND

--- EXISTING PROPERTY LINE

--- EXISTING ADJACENT PROPERTY LINE

--- EXISTING LEASE AREA

1 OVERALL SITE PLAN

SCALE: 1" = 30'

0 30' 60'

SCALE: 1"=30' (11X17)
1"=15' (22X34)

N



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ATC SITE NUMBER:
207954

ATC SITE NAME:
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ATC: PEBBLE BEACH

SITE ADDRESS:
4040 SUNSET LN
DEL MONTE FOREST, CA 93953

SEAL:

04/07/25



| | |
|----------------|-------------------|
| DATE DRAWN: | 04/07/25 |
| ATC JOB NO: | 14921636 |
| CUSTOMER NAME: | ATC: PEBBLE BEACH |
| CUSTOMER ID: | SF95723A |

OVERALL SITE PLAN

| | |
|---------------|-----------|
| SHEET NUMBER: | REVISION: |
| C-001 | 0 |

SITE PLAN NOTES:

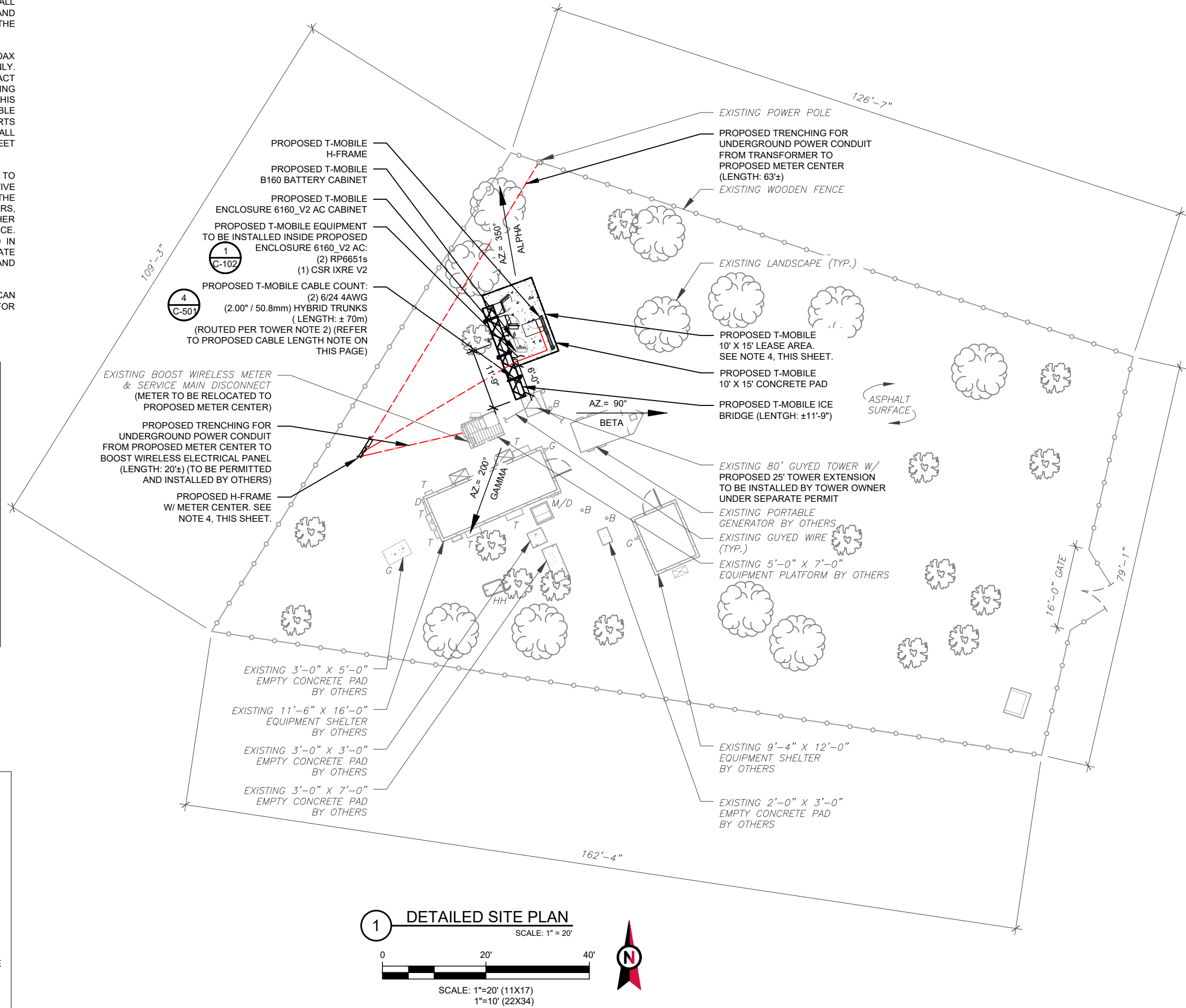
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE T-MOBILE REPRESENTATIVE AND LOCAL UTILITY COMPANY FOR THE INSTALLATION OF CONDUITS, CONDUCTORS, BREAKERS, DISCONNECTS, OR ANY OTHER EQUIPMENT REQUIRED FOR ELECTRICAL SERVICE. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE STATE AND NATIONAL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS PROJECT.
4. SEE ELECTRICAL INSTALLATION PLAN BY AMERICAN TOWER CORPORATION DATED MARCH 19, 2025 FOR FURTHER PROPOSED ELECTRICAL DETAILS.

LEGEND

| | |
|-------|---------------------------|
| ⊗ | GROUNDING TEST WELL |
| ATS | AUTOMATIC TRANSFER SWITCH |
| B | BOLLARD |
| CSC | CELL SITE CABINET |
| D | DISCONNECT |
| E | ELECTRICAL |
| F | FIBER |
| GEN | GENERATOR |
| G | GENERATOR RECEPTACLE |
| HH, V | HAND HOLE, VAULT |
| IB | ICE BRIDGE |
| K | KENTROX BOX |
| LC | LIGHTING CONTROL |
| M | METER |
| PB | PULL BOX |
| PP | POWER POLE |
| T | TELCO |
| TRN | TRANSFORMER |
| —○— | WOODEN FENCE |

PROPOSED CABLE NOTES:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **70m**. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES). CDS DEFER TO GREATEST CABLE LENGTH.
2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. WHERE POSSIBLE UTILIZE EXISTING CABLE SUPPORT STRUCTURES AS PROVIDED FOR CARRIER TO ADEQUATELY SECURE CABLES, USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER. OTHERWISE, ATTACH CABLES TO HORIZONTAL OR DIAGONAL TOWER MEMBERS USING PROPOSED STAINLESS STEEL ADAPTERS (DO NOT ATTACH TO TOWER LEG).



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| B | 100% CONSTRUCTION | SRZ | 04/07/25 |
| C | | | |
| D | | | |
| E | | | |

ATC SITE NUMBER:
207954

ATC SITE NAME:
PEBBLE BEACH

T-MOBILE SITE NAME:
ATC: PEBBLE BEACH

SITE ADDRESS:
4040 SUNSET LN
DEL MONTE FOREST, CA 93953

SEAL:



04/07/25

T-Mobile

| | |
|----------------|-------------------|
| DATE DRAWN: | 04/07/25 |
| ATC JOB NO: | 14921636 |
| CUSTOMER NAME: | ATC: PEBBLE BEACH |
| CUSTOMER ID: | SF95723A |

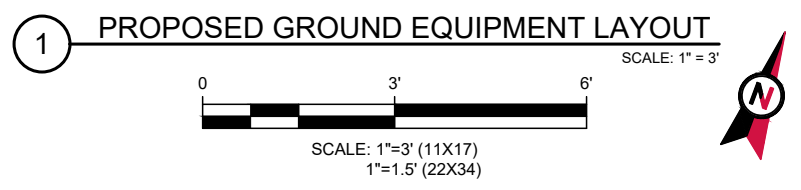
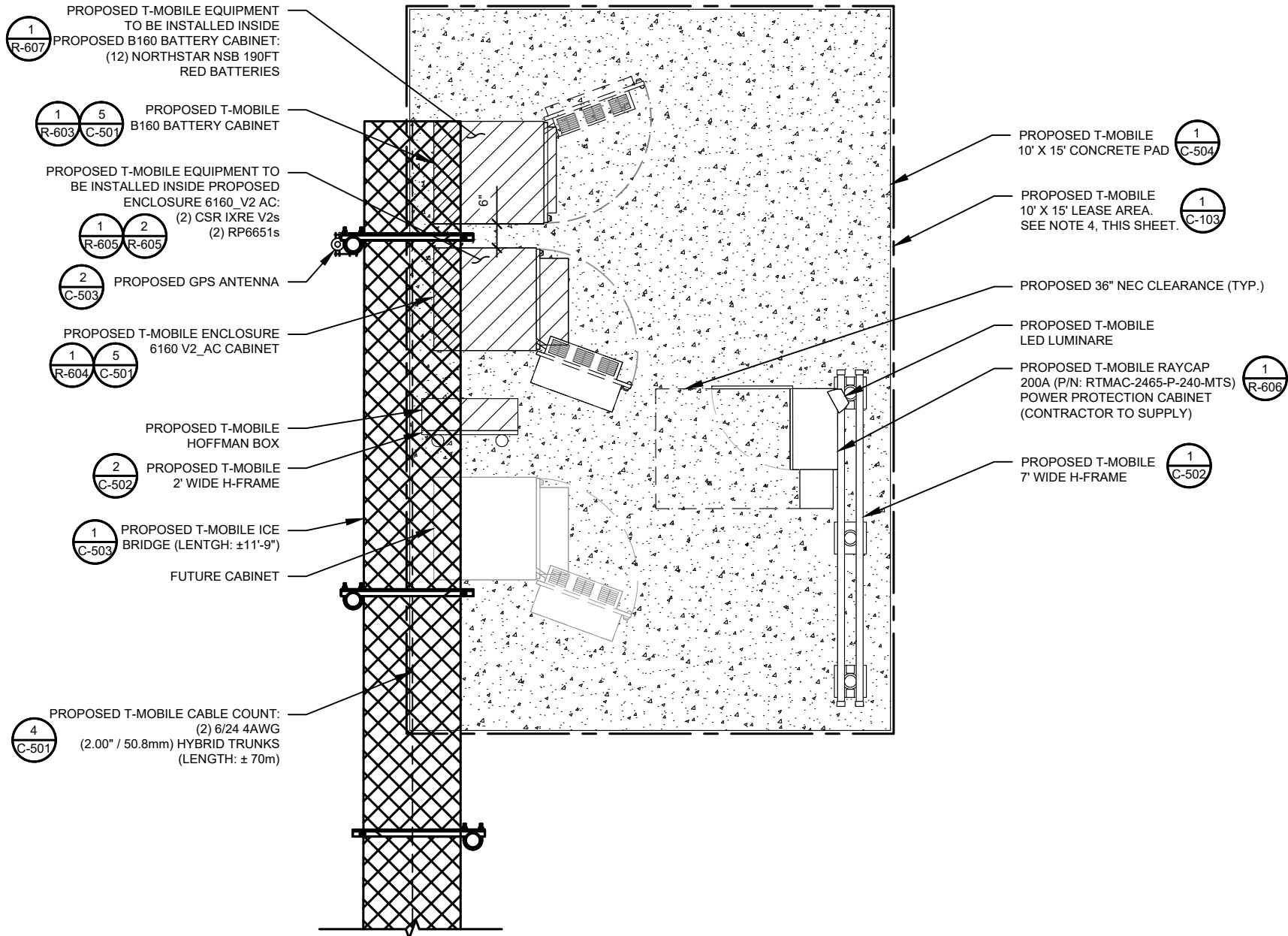
DETAILED SITE PLAN

SHEET NUMBER:

C-101

REVISION:

0



PLANS PREPARED BY:



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ATC SITE NUMBER:
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ATC SITE NAME:
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T-MOBILE SITE NAME:
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4040 SUNSET LN
DEL MONTE FOREST, CA 93953

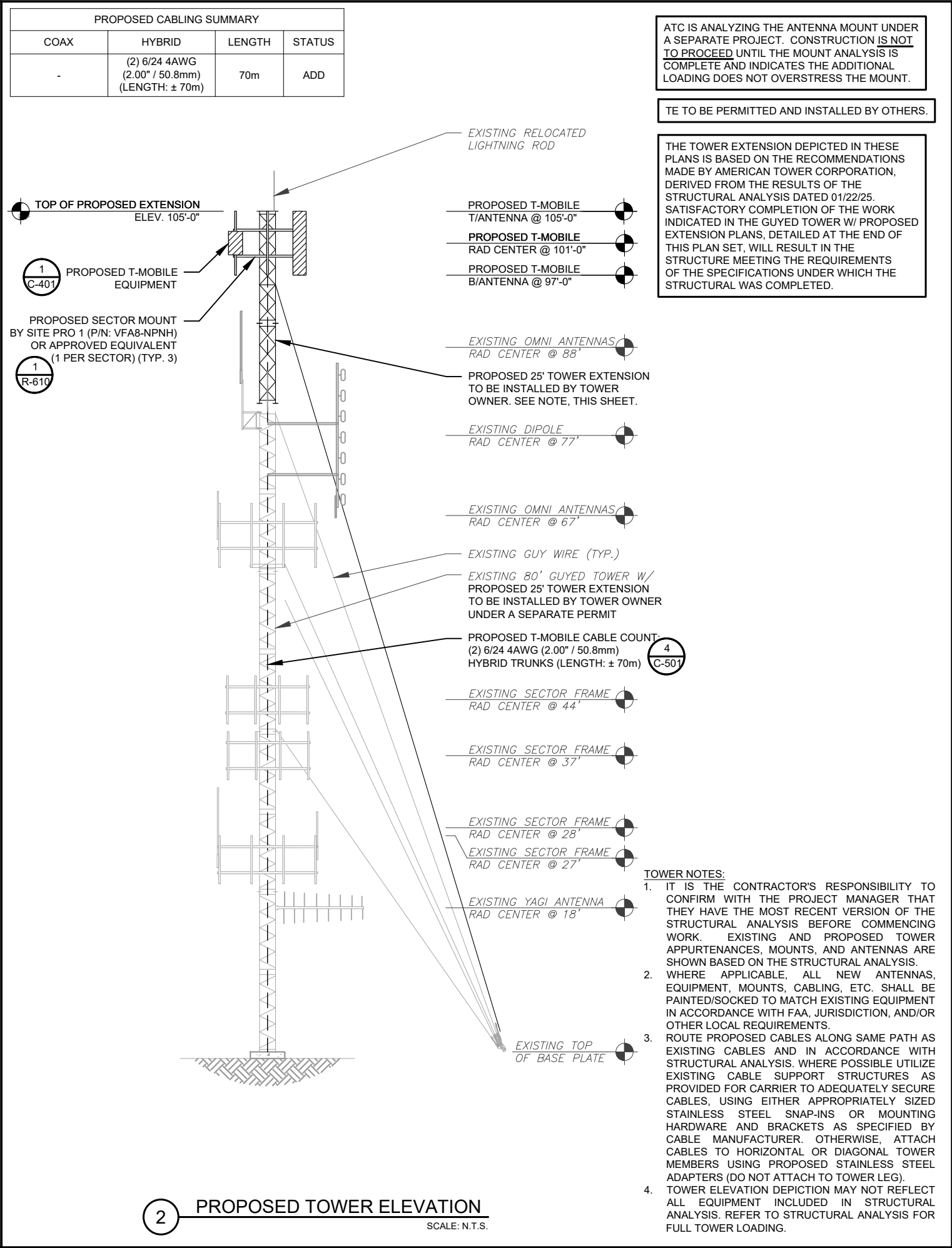
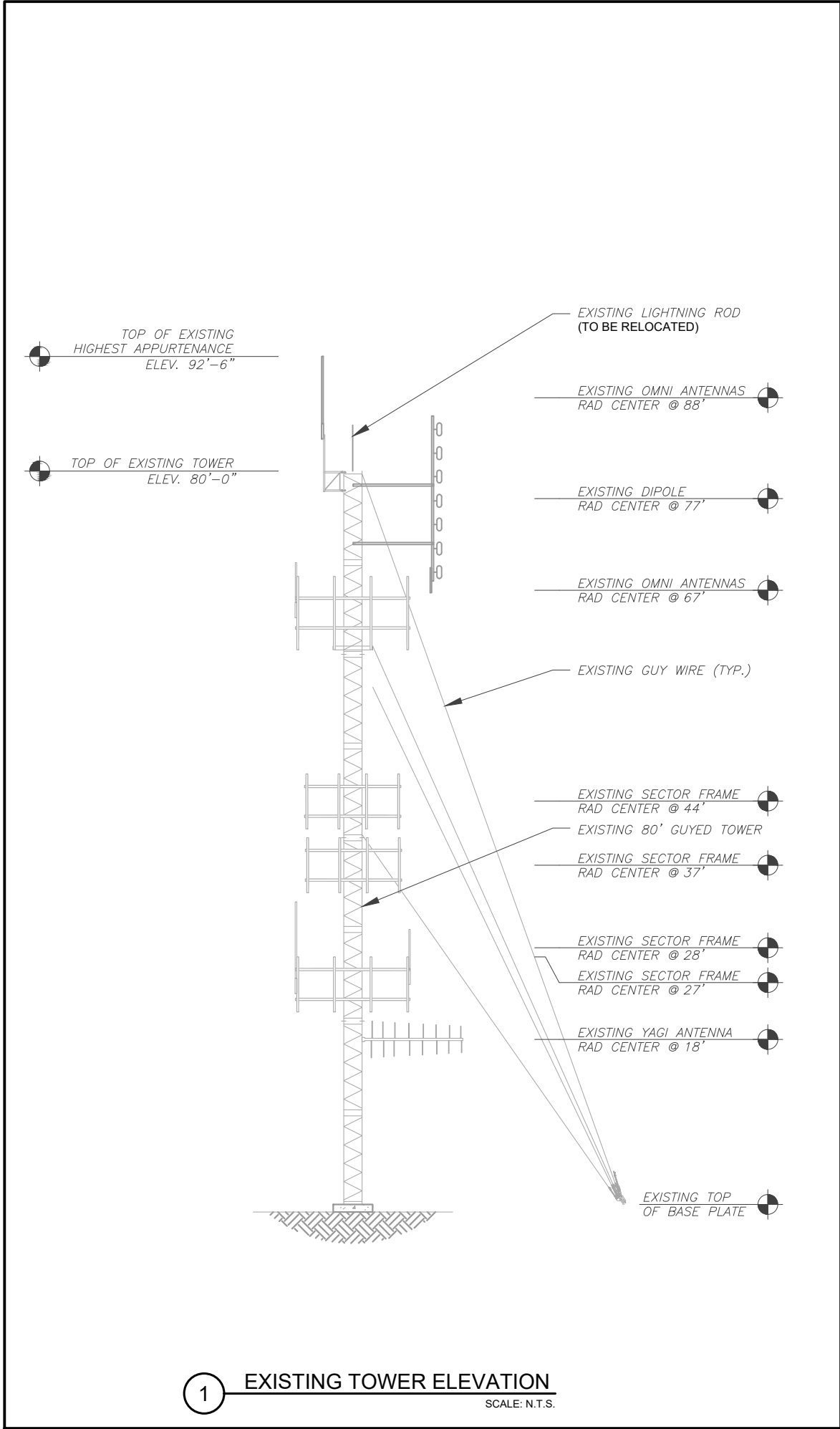


04/07/25



| | |
|----------------|-------------------|
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| CUSTOMER NAME: | ATC: PEBBLE BEACH |
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| | |
|---------------------------|----------------|
| DETAILED EQUIPMENT LAYOUT | |
| SHEET NUMBER: C-102 | REVISION: 0 |



AMERICAN TOWER®

PLANS PREPARED BY:

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04/07/25

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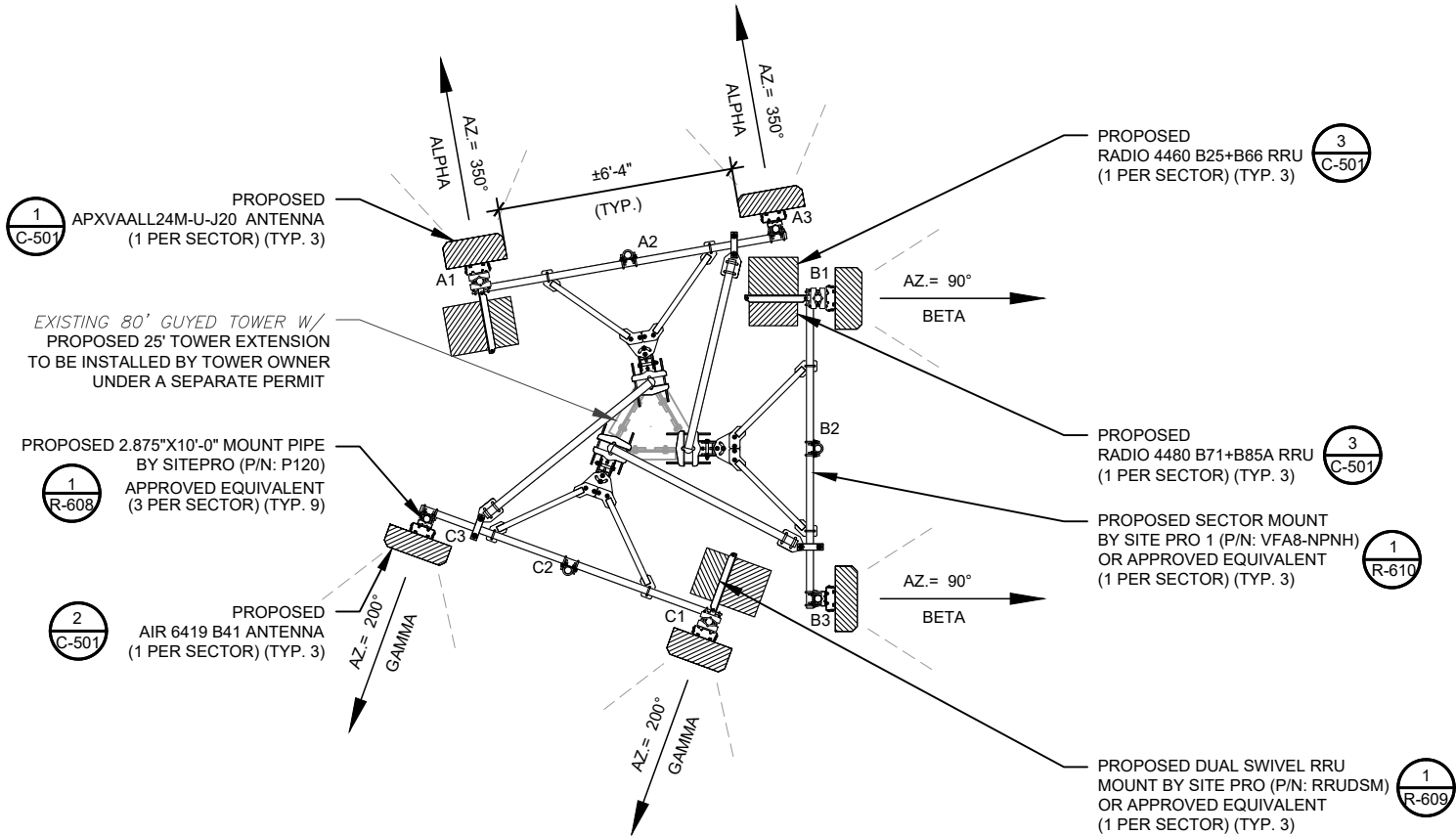
TOWER ELEVATION

| | |
|------------------------|----------------|
| SHEET NUMBER: C-201 | REVISION: 0 |
|------------------------|----------------|

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 CONCEAL FAB PIM SHIELD KIT.

ATC IS ANALYZING THE ANTENNA MOUNT UNDER A SEPARATE PROJECT. CONSTRUCTION IS **NOT TO PROCEED** UNTIL THE MOUNT ANALYSIS IS COMPLETE AND INDICATES THE ADDITIONAL LOADING DOES NOT OVERSTRESS THE MOUNT.



1 **FINAL ANTENNA PLAN**
SCALE: N.T.S.

| FINAL ANTENNA SCHEDULE | | | | | | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-----------------|-------------------|----------------------------------------|---------------------|--------|--------------------------------------------------|------------|---------------------------------------------------------------------------------------------------|------------|------------|
| LOCATION | | | ANTENNA SUMMARY | | | | | NON ANTENNA SUMMARY | | CABLE SUMMARY | | |
| SECTOR | RAD | AZ | POS | ANTENNA | BAND | MECH/ELEC D-TILT | STATUS | ADDITIONAL TOWER MOUNTED EQUIPMENT | STATUS | JUMPERS | LENGTH | STATUS |
| ALPHA | 101' | 350° | A1 | APXVAALL24M-U-J20 | L700/N600/N1900/ L2100/ L1900/N2100 | 0°/- | ADD | (1) RADIO 4480 B71+B85 (1) RADIO 4460 B25+B66 | ADD ADD | (8) JUMPER 8 FT SUREFLEX 4.3 - 10 TO 4.3 - 10 (6) FIBER JUMPER - 2F SM OUTDOORCON- LCD W COVER | 10FT 5m | ADD ADD |
| | | | A2 | - | - | - | - | - | - | - | - | - |
| | | | A3 | AIR 6419 B41 | N2500 | 0°/- | ADD | - | - | (3) FIBER JUMPER - 2F SM OUTDOORCON- LCD W COVER | 5m | ADD |
| BETA | 101' | 90° | B1 | APXVAALL24M-U-J20 | L700/N600/N1900/ L2100/ L1900/N2100 | 0°/- | ADD | (1) RADIO 4480 B71+B85 (1) RADIO 4460 B25+B66 | ADD ADD | (8) JUMPER 8 FT SUREFLEX 4.3 - 10 TO 4.3 - 10 (6) FIBER JUMPER - 2F SM OUTDOORCON- LCD W COVER | 10FT 5m | ADD ADD |
| | | | B2 | - | - | - | - | - | - | - | - | - |
| | | | B3 | AIR 6419 B41 | N2500 | 0°/- | ADD | - | - | (3) FIBER JUMPER - 2F SM OUTDOORCON- LCD W COVER | 5m | ADD |
| GAMMA | 101' | 200° | C1 | APXVAALL24M-U-J20 | L700/N600/N1900/ L2100/ L1900/N2100 | 0°/- | ADD | (1) RADIO 4480 B71+B85 (1) RADIO 4460 B25+B66 | ADD ADD | (8) JUMPER 8 FT SUREFLEX 4.3 - 10 TO 4.3 - 10 (6) FIBER JUMPER - 2F SM OUTDOORCON- LCD W COVER | 10FT 5m | ADD ADD |
| | | | C2 | - | - | - | - | - | - | - | - | - |
| | | | C3 | AIR 6419 B41 | N2500 | 0°/- | ADD | - | - | (3) FIBER JUMPER - 2F SM OUTDOORCON- LCD W COVER | 5m | ADD |
| 1. BASED ON APPROVED ATC APPLICATION 14921636, DATED UNKNOWN. CONFIRM WITH T-MOBILE REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS. 2. CONFIRM SPACING OF PROPOSED EQUIPMENT DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS. | | | | | | | | | | | | |

CABLE LENGTHS FOR JUMPERS
FIBER DISTRIBUTION/OVP TO RRU: 15'
RRU TO COMBINER: 10'
COMBINER TO ANTENNA: 10'

2 **ANTENNA SCHEDULE**

| PROPOSED FIBER DISTRIBUTION/OVP BOX | | PROPOSED CABLING SUMMARY | | | |
|-------------------------------------|--------|--------------------------|----------------------------------------------------|--------|--------|
| MODEL NUMBER | STATUS | COAX | HYBRID/FIBER | LENGTH | STATUS |
| - | - | - | (2) 6/24 4AWG 70m (2.00" / 50.8MM) (LENGTH: ± 70m) | 70m | ADD |



PLANS PREPARED BY:



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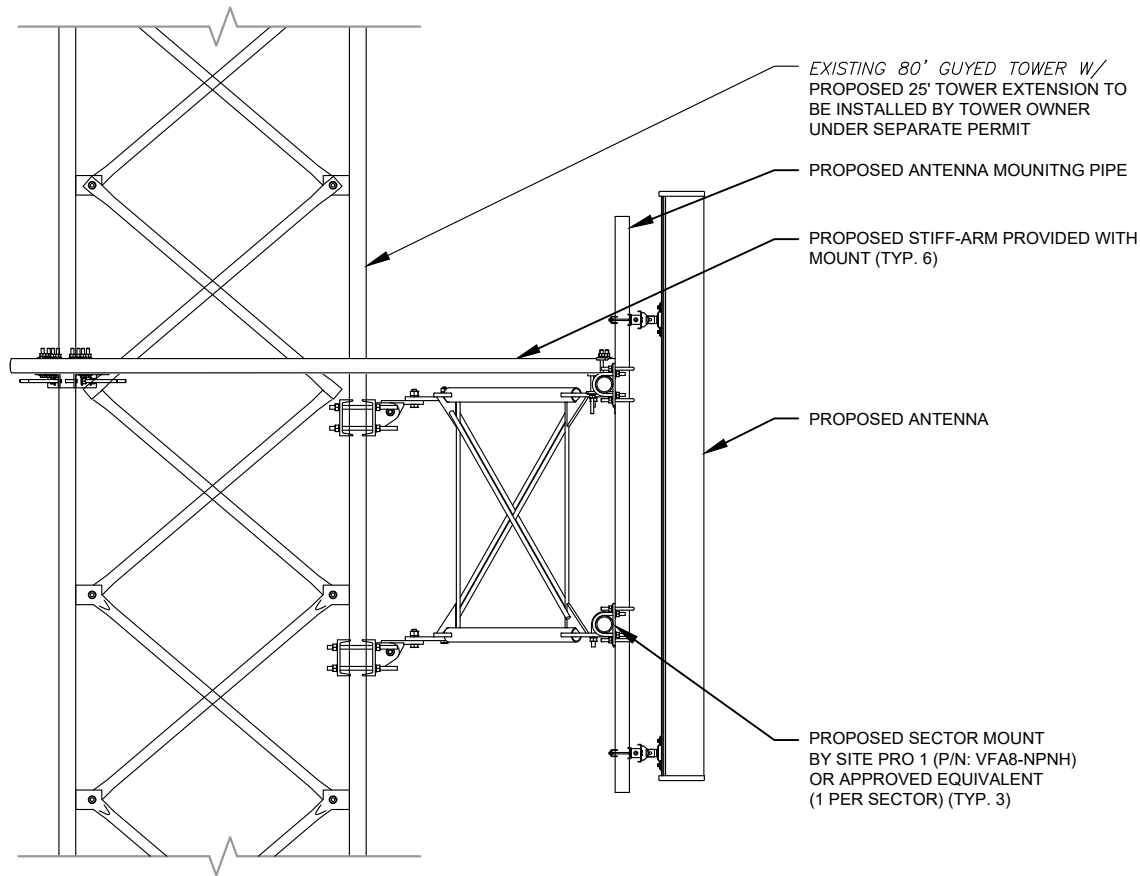
ATC SITE NUMBER:
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T-MOBILE SITE NAME:
ATC: PEBBLE BEACH
SITE ADDRESS:
4040 SUNSET LN
DEL MONTE FOREST, CA 93953

SEAL:

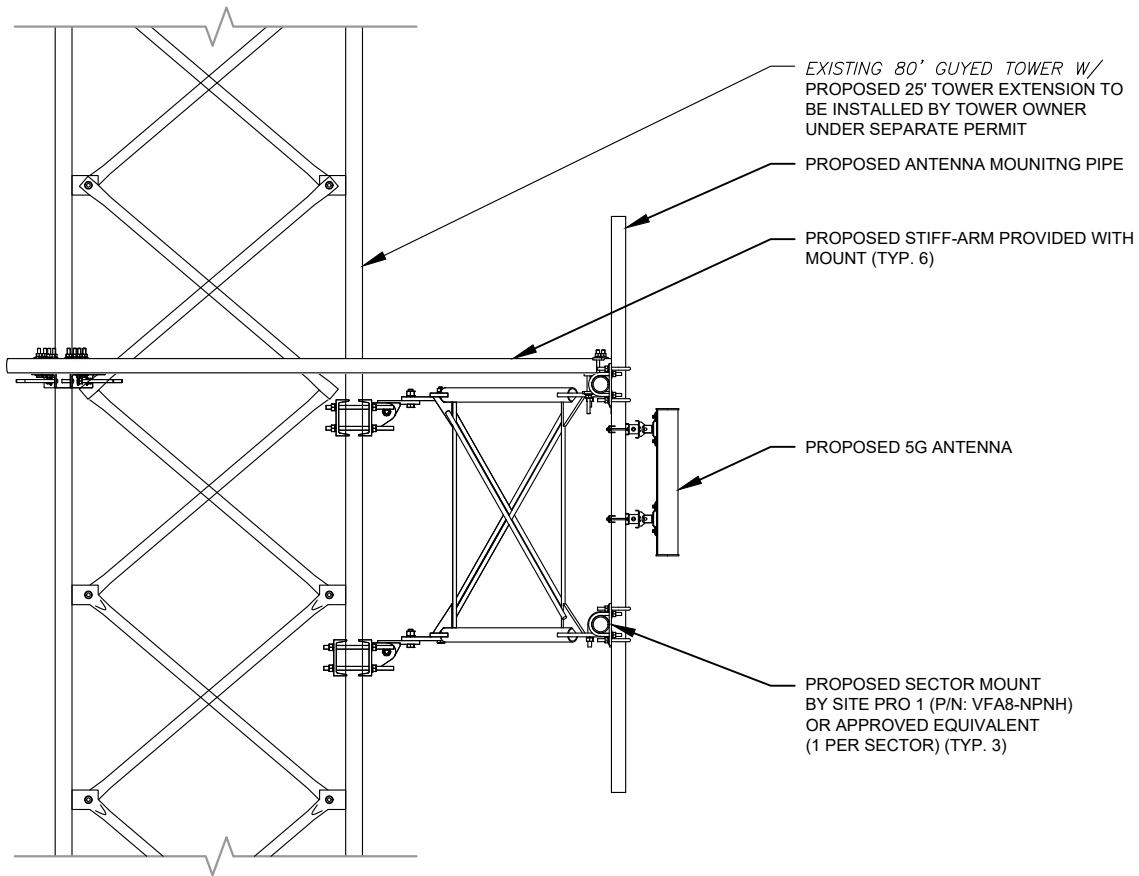
04/07/25

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|----------------|-------------------|
| | |
| DATE DRAWN: | 04/07/25 |
| ATC JOB NO: | 14921636 |
| CUSTOMER NAME: | ATC: PEBBLE BEACH |
| CUSTOMER ID: | SF95723A |

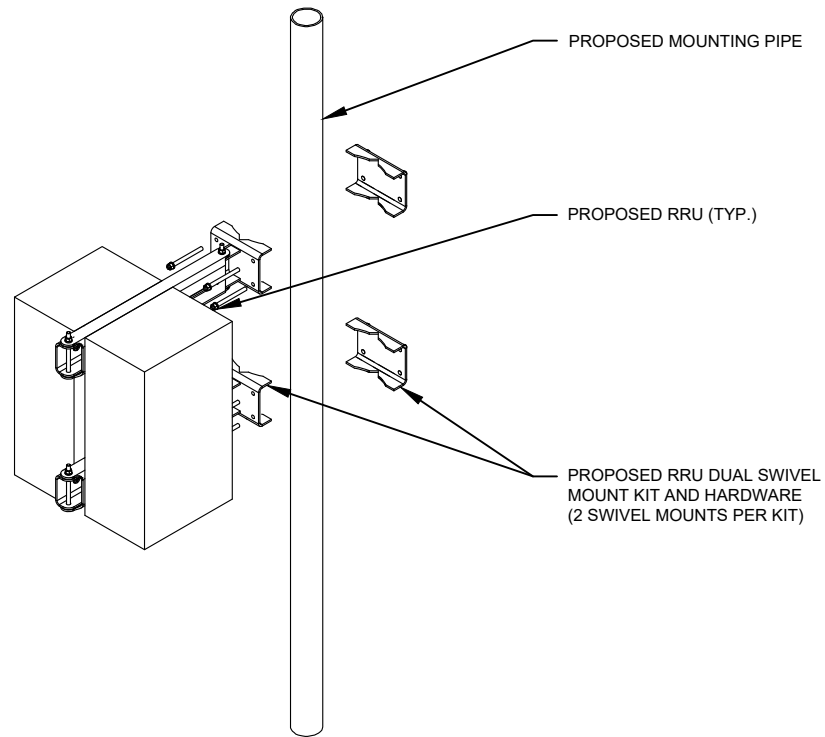
| ANTENNA INFORMATION & SCHEDULE | |
|--------------------------------|-----------------------|
| SHEET NUMBER: C-401 | REVISION: 0 |



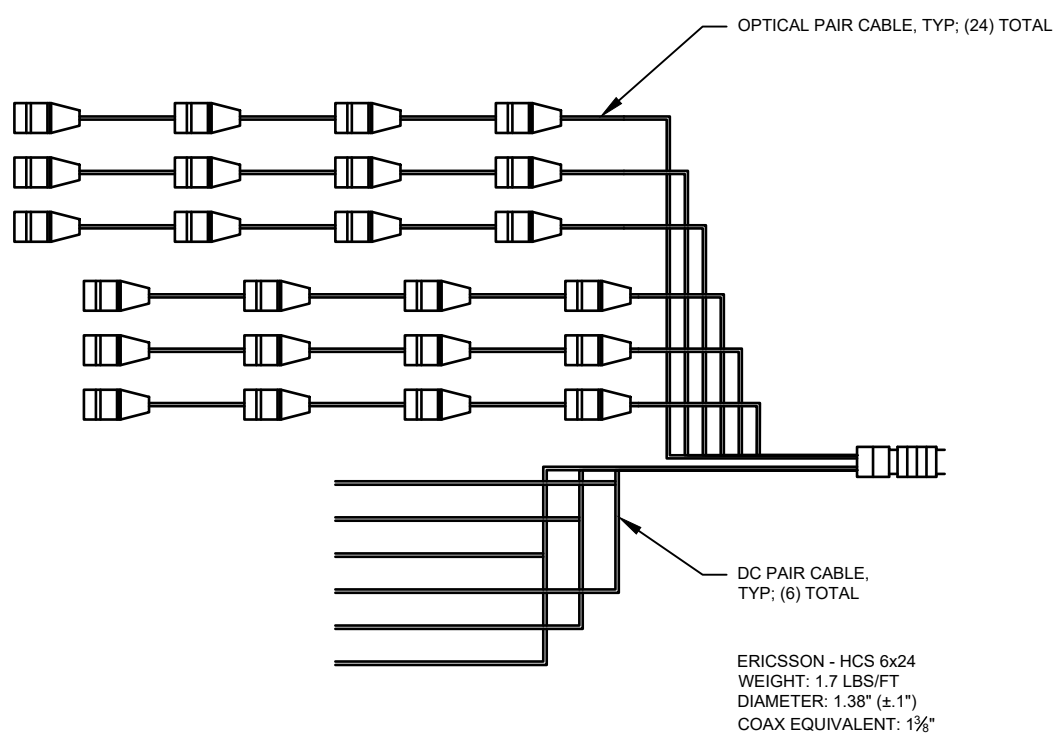
1 PROPOSED ANTENNA MOUNTING DETAIL
SCALE: N.T.S.



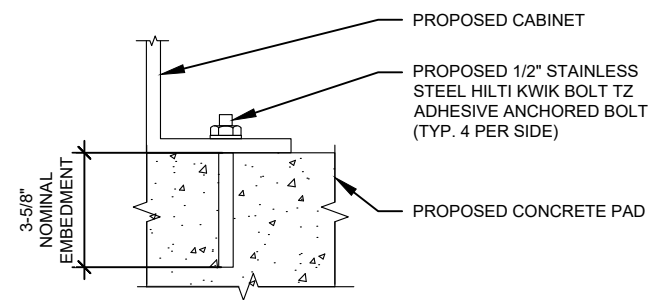
2 PROPOSED 5G ANTENNA MOUNTING DETAIL
SCALE: N.T.S.



3 PROPOSED RRU MOUNTING DETAIL
SCALE: N.T.S.



4 PROPOSED HCS DETAIL
SCALE: N.T.S.



NOTE:
INSTALL HILTI KWIK BOLT ANCHORS STRICTLY PER
INSTALLATION INSTRUCTIONS INCLUDED WITH PRODUCT OR
FOUND ONLINE AT WWW.US.HILTI.COM. PROPER
INSTALLATION IS CRITICAL FOR FULL PERFORMANCE.
SPECIAL INSPECTION IS REQUIRED.

5 CABINET ATTACHMENT DETAIL
SCALE: N.T.S.



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DEL MONTE FOREST, CA 93953

SEAL:



04/07/25



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| CUSTOMER ID: | SF95723A |

CONSTRUCTION
DETAILS

SHEET NUMBER:

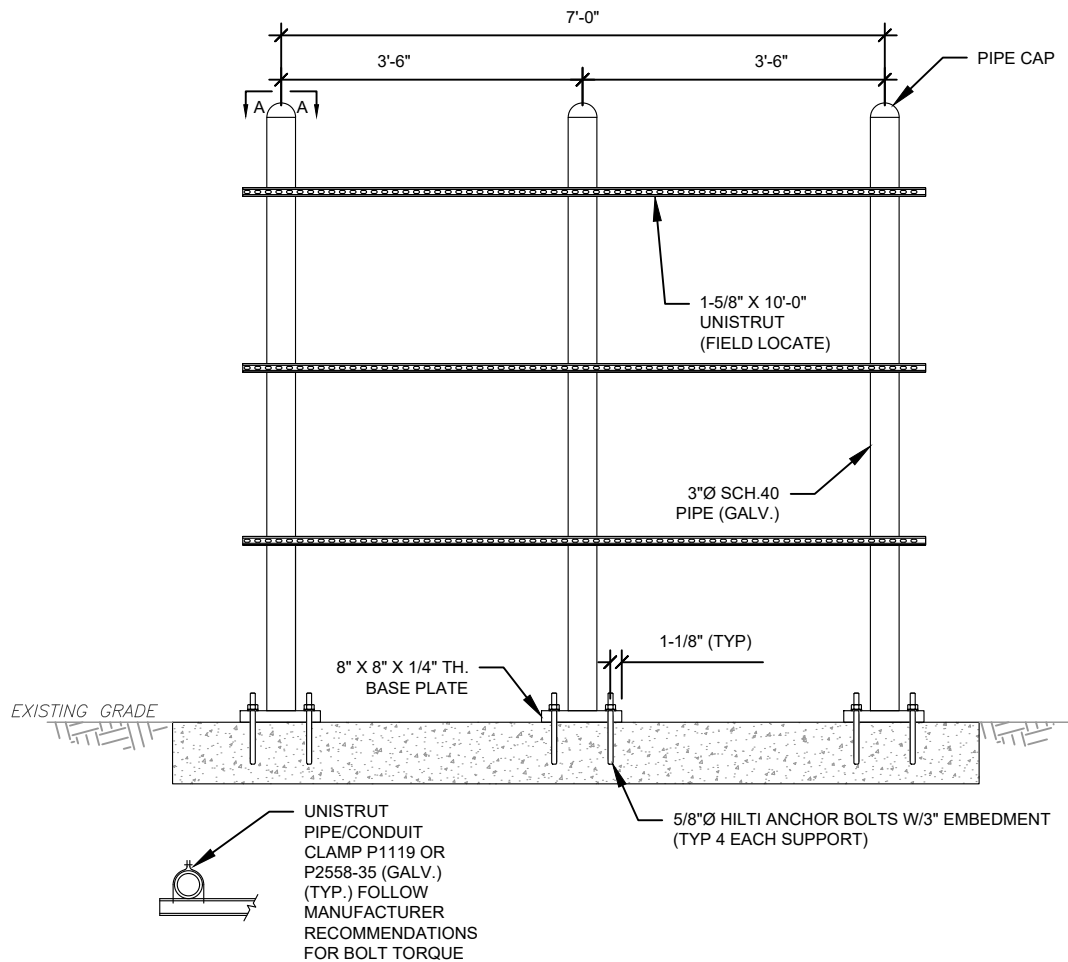
C-501

REVISION:

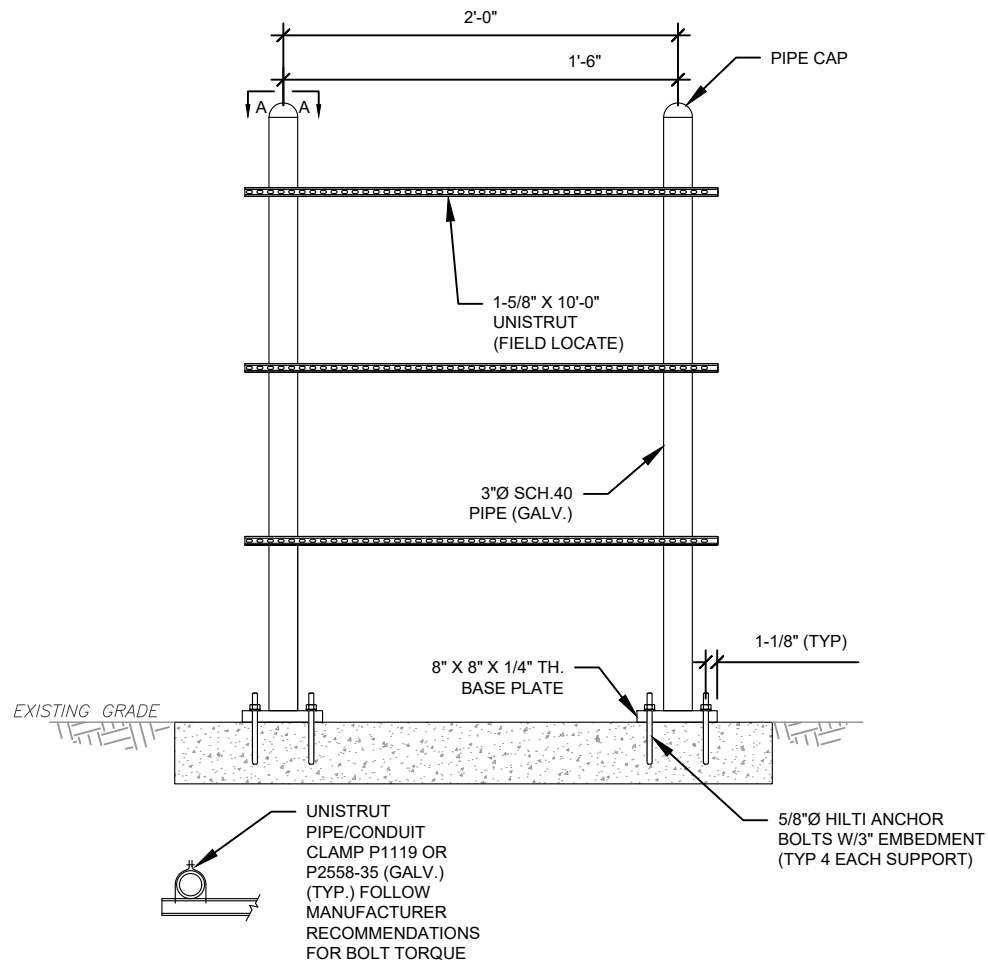
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H-FRAME NOTES:

1. IF IT IS NECESSARY TO EXTEND THE H-FRAME, AN ADDITIONAL POST WILL ALWAYS BE REQUIRED.
2. PROPOSED UNISTRUTS TO BE FIELD CUT AND SHOULD NOT EXTEND MORE THAN 6 INCHES BEYOND THE LAST POST.
3. SPRAY ENDS OF UNISTRUT WITH COLD GALVANIZING SPRAY PAINT, ALLOW TO DRY, THEN COVER WITH RUBBER PROTECTIVE CAPS FOR SAFETY.
4. UNISTRUT TO BE CUT FLUSH WITH NO SHARP OR JAGGED EDGES.
5. ALL PROPOSED HARDWARE TO BE MOUNTED PER MANUFACTURERS SPECS.



1 PROPOSED 7' WIDE H-FRAME DETAIL
SCALE: NOT TO SCALE



2 PROPOSED 2' WIDE H-FRAME DETAIL
SCALE: NOT TO SCALE



PLANS PREPARED BY:



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| REV. | DESCRIPTION | BY | DATE |
|------|-------------------|-----|----------|
| A | PRELIMINARY | PVW | 02/17/25 |
| 0 | 100% CONSTRUCTION | SRZ | 04/07/25 |
| | | | |
| | | | |
| | | | |

ATC SITE NUMBER:
207954
ATC SITE NAME:
PEBBLE BEACH
T-MOBILE SITE NAME:
ATC: PEBBLE BEACH
SITE ADDRESS:
4040 SUNSET LN
DEL MONTE FOREST, CA 93953

SEAL:



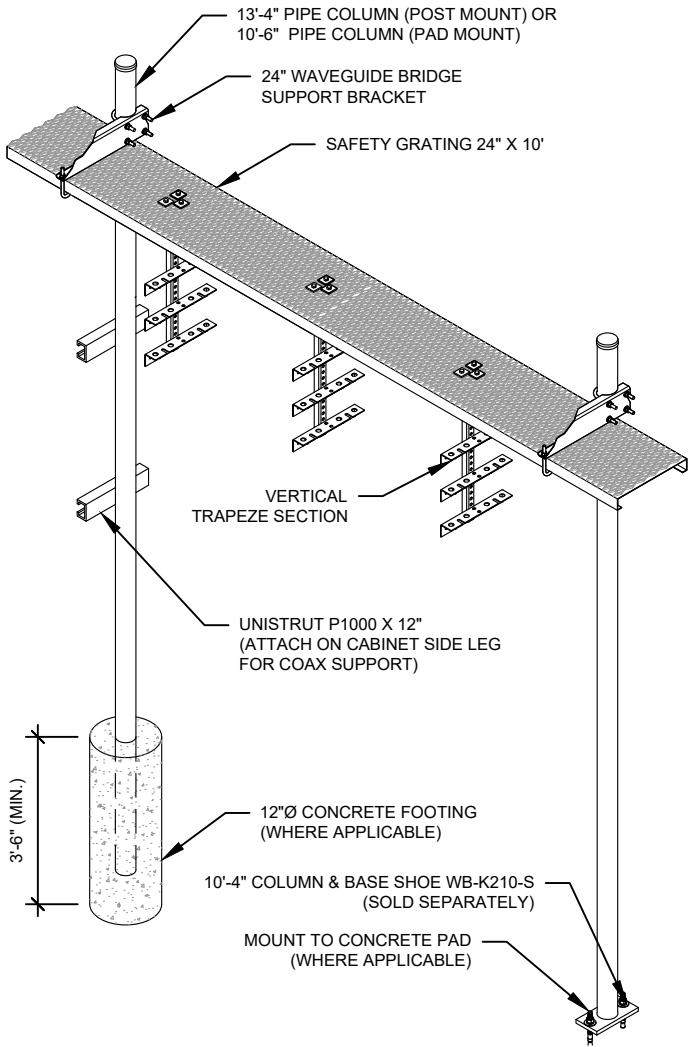
04/07/25



| | |
|----------------|-------------------|
| DATE DRAWN: | 04/07/25 |
| ATC JOB NO: | 14921636 |
| CUSTOMER NAME: | ATC: PEBBLE BEACH |
| CUSTOMER ID: | SF95723A |

CONSTRUCTION
DETAILS

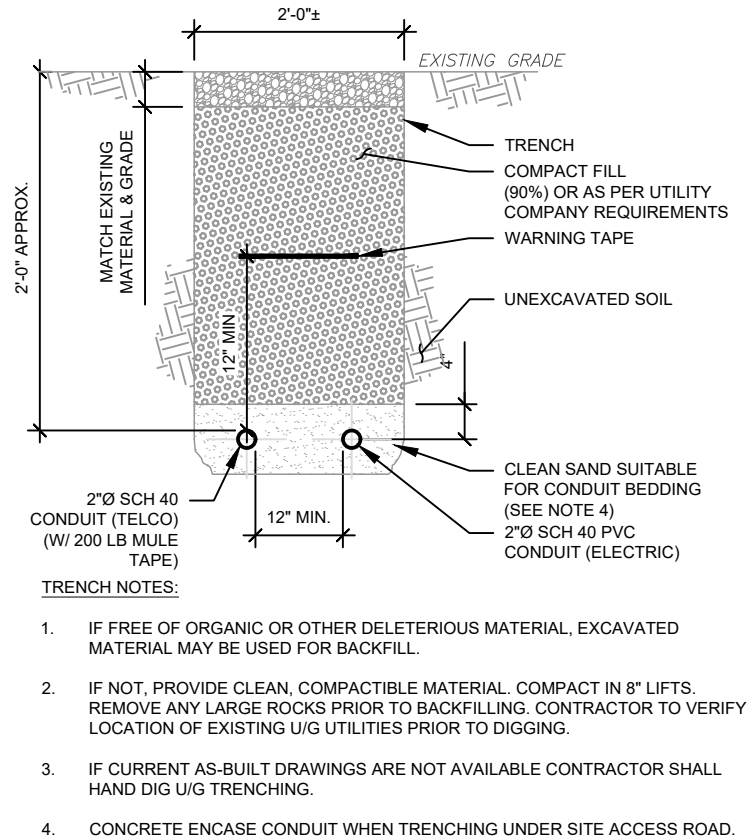
| | |
|---------------|-----------|
| SHEET NUMBER: | REVISION: |
| C-502 | 0 |



CONSTRUCTION NOTES:

1. INSTALL ICE BRIDGE TO ALLOW 7 FEET CLEARANCE ABOVE GRADE TO LOWEST APPURTENANCE.
2. INSTALL PER MANUFACTURES SPECIFICATION.

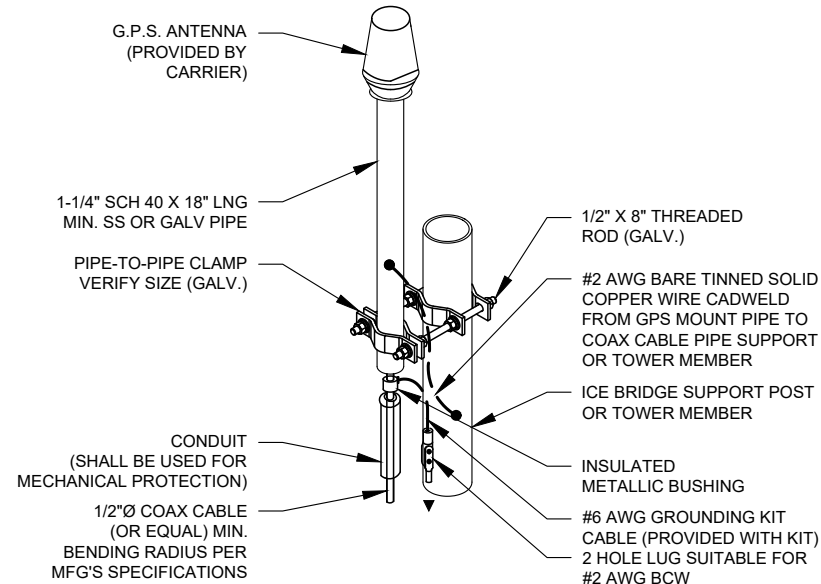
1 WAVEGUIDE BRIDGE KIT
SCALE: N.T.S.



TRENCH NOTES:

1. IF FREE OF ORGANIC OR OTHER DELETERIOUS MATERIAL, EXCAVATED MATERIAL MAY BE USED FOR BACKFILL.
2. IF NOT, PROVIDE CLEAN, COMPACTIBLE MATERIAL. COMPACT IN 8" LIFTS. REMOVE ANY LARGE ROCKS PRIOR TO BACKFILLING. CONTRACTOR TO VERIFY LOCATION OF EXISTING U/G UTILITIES PRIOR TO DIGGING.
3. IF CURRENT AS-BUILT DRAWINGS ARE NOT AVAILABLE CONTRACTOR SHALL HAND DIG U/G TRENCHING.
4. CONCRETE ENCASE CONDUIT WHEN TRENCHING UNDER SITE ACCESS ROAD.

2 TELCO AND POWER CONDUIT JOINT TRENCH
SCALE: N.T.S.



NOTES:

1. GPS SHALL BE PLACED WITH CLEAR SIGHT LINE TO THE SOUTHERN SKY.
2. CONTRACTOR TO SUPPLY COAX FOR GPS UNIT.

3 GPS ANTENNA ATTACHMENT DETAIL
SCALE: N.T.S.



PLANS PREPARED BY:



326 TRYON ROAD
RALEIGH, NC 27603-3530
OFFICE: (919) 661-6351
www.tepgroup.net

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SEAL:



04/07/25



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| DATE DRAWN: | 04/07/25 |
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CONSTRUCTION
DETAILS

SHEET NUMBER:

C-503

REVISION:

0

FOUNDATION NOTES:

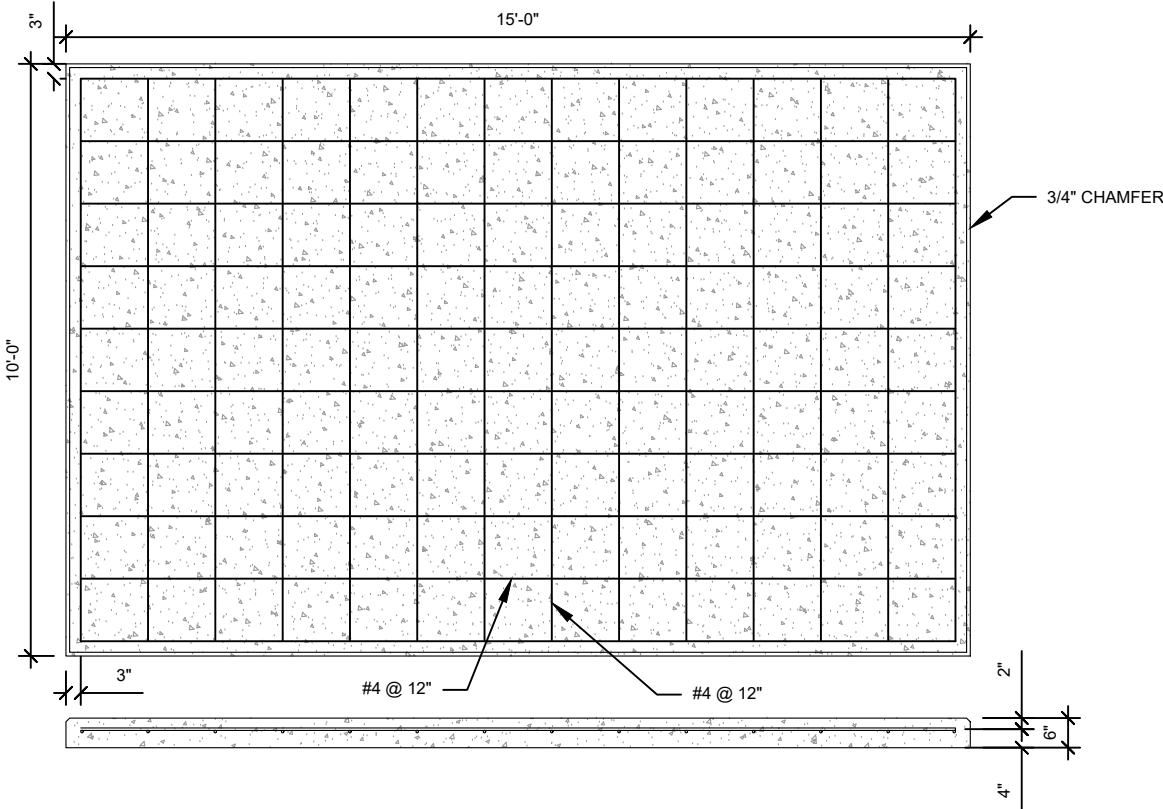
- FOUNDATION BASED ON 2,000 PSF SOIL BEARING CAPACITY.
- CONCRETE SHALL BE MIN. 4,000 PSI AFTER 28 DAYS.
- REINFORCING STEEL $F_y = 60,000$ PSI.
- ALL BACKFILL SHALL BE THOROUGHLY COMPACTED TO A MINIMUM OF 95% DENSITY USING THE MODIFIED PROCTOR METHOD.
- SURFACE OF FINISHED SLAB SHALL BE LEVEL AND FLAT WITHIN 1/4".
- CONTRACTOR SHALL VERIFY MANUFACTURER ACTUAL DIMENSIONS OF CABINET PRIOR TO LAYING OUT FOUNDATION.
- MAXIMUM SIZE OF CONCRETE AGGREGATE SHALL NOT EXCEED 1 INCH; SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED; OR ONE-THIRD CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING.
- REINFORCEMENT SHALL BE DEFORMED AND CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED.
- WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.
- MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.
- CONCRETE COVER FROM TOP OF FOUNDATION TO ENDS OF VERTICAL REINFORCEMENT SHALL BE 3 INCHES MINIMUM.
- FOUNDATION DESIGN ASSUMES FIELD INSPECTIONS WILL BE PERFORMED TO VERIFY THAT CONSTRUCTION MATERIALS, INSTALLATION METHODS, AND ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED ON CONDITIONS EXISTING AT THE SITE.
- FOUNDATION DESIGN ASSUMED CONTINUOUS CONCRETE PLACEMENT WITHOUT CONSTRUCTION JOINTS.
- WELDED WIRE FABRIC SHALL BE SUPPLIED IN FLAT SHEETS, (NOT ROLLED).
- TEST CYLINDERS SHALL BE MOLDED AND LABORATORY CURED IN ACCORDANCE WITH ASTM C31. THREE CYLINDERS SHALL BE TAKEN FOR EACH DAYS CONCRETE PLACEMENT. CYLINDERS SHALL BE TESTED IN ACCORDANCE WITH ASTM C39.
- TOPS OF CONCRETE FOUNDATION MUST BE WITHIN 0.02" OF ELEVATION SPECIFIED BY THE CUSTOMER.

GENERAL STRUCTURAL NOTES:

- ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH ACI 318-14.
- REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE".

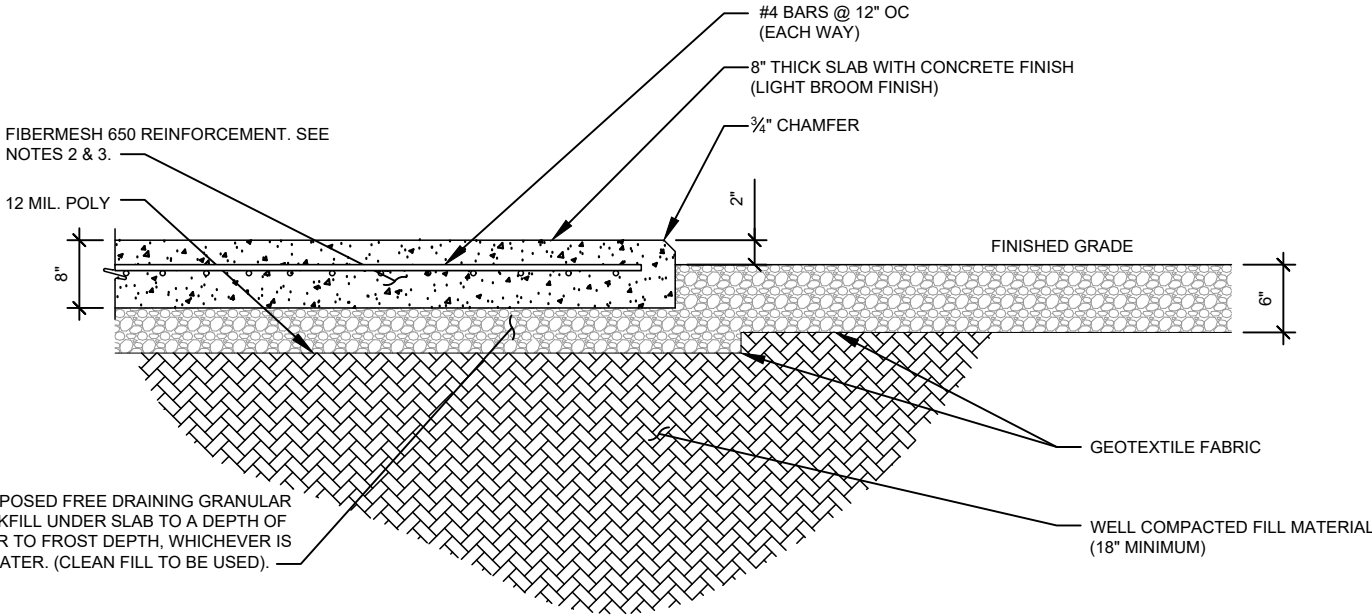
NOTES:

- FROST DEPTH FOR MONTEREY COUNTY IS 5 INCHES.
- APPLICATION RATE OF FIBERS SHALL BE DETERMINED BY THE READY MIX CONCRETE SUPPLIER.
- THE CONCRETE SUPPLIER SHALL FOLLOW ALL MANUFACTURER RECOMMENDATIONS FOR FIBERMESH APPLICATION INCLUDING MINIMUM APPLICATION RATE OF 3LBS/YD³.



1 REINFORCED PAD LAYOUT

SCALE: N.T.S.



2 FOUNDATION SECTION VIEW

SCALE: N.T.S.



PLANS PREPARED BY:



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T-Mobile

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CONSTRUCTION
DETAILS

SHEET NUMBER:

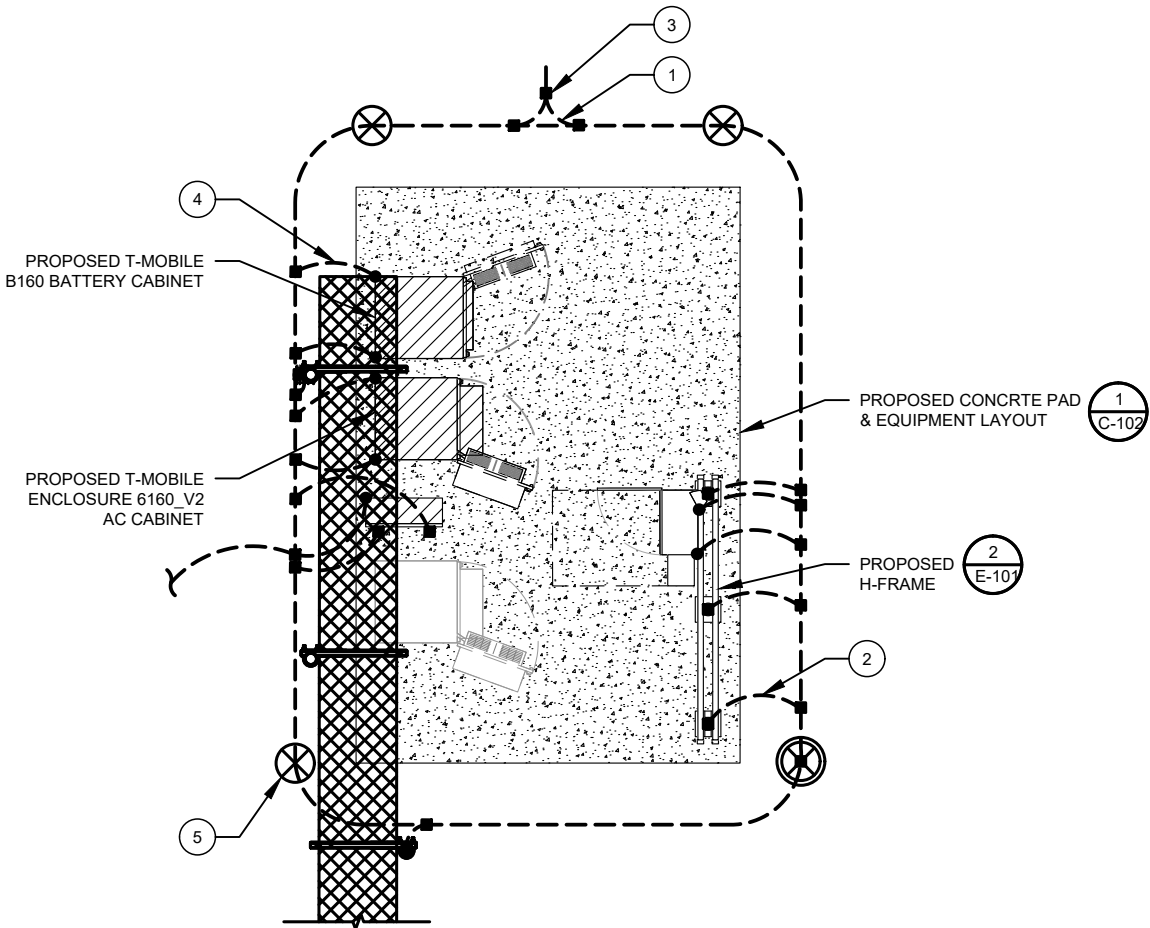
C-504

REVISION:

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GROUNDING NOTES:

1. ALL EQUIPMENT ENCLOSURES, DEVICES AND CONDUITS SHALL BE GROUNDED TO CONFORM WITH THE LATEST REQUIREMENTS OF THE NEC BY THE INSTALLATION OF A SEPARATE, GREEN, INSULATED GROUND CONDUCTOR FOR ALL FEEDER AND BRANCH CIRCUITS. GROUND CONDUCTORS SHALL BE OF THE SIZE INDICATED ON THE DRAWINGS. GROUND CONDUCTORS SHALL BE CONTINUOUS IN LENGTH AND SHALL BE BONDED TO EACH ENCLOSURE THEY PASS THROUGH. CONDUIT SHALL NOT BE USED AS A GROUNDING CONDUCTOR.
2. GROUNDING CONDUCTORS SHALL:
- A. BE #2 AWG SOLID BARE TINNED COPPER (SBTC) FOR ALL GROUNDING SYSTEM WIRE UNLESS OTHERWISE NOTED, OR OTHERWISE REQUIRED BY CODE.
 - B. BE MINIMUM 12" BEND RADIUS. KEEP NUMBER OF BENDS TO A MINIMUM.
 - C. AVOID LONG BONDING CONNECTION RUNS. MAKE DIRECT AS POSSIBLE.
 - D. NOT HAVE ANY U-SHAPED RUNS.
 - E. BE IN NON-METALLIC CONDUIT ONLY, IF IN CONDUIT.
 - F. BE PLACED THROUGH NON-METALLIC SLEEVES IN FLOORS, WALLS, CEILINGS, ETC.
 - G. PROTECTED IN NON-METALLIC CONDUIT WHERE EXPOSED ABOVE GRADE.
2. INSTALL ALL GROUNDING RINGS AND RADIALS WITH CONDUCTIVE CEMENT, SANKOSHA AS DISTRIBUTED BY ELECTRIC MOTION COMPANY, INC., WINSTED, CT 06098, OR AS SPECIFICALLY INDICATED. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
3. GROUND RINGS SHALL BE:
- A. MINIMUM 30" BELOW GRADE, OR BELOW FROST LINE WHICHEVER IS DEEPER.
 - B. MINIMUM 2' FROM FOUNDATIONS, FOOTINGS, OTHER GROUNDING SYSTEMS AND ALL CONDUCTIVE OBJECTS.
 - C. WITH MINIMUM 12" BEND RADII.
 - D. WITH ALL CONNECTIONS IN CONTACT WITH EARTH, BONDED BY EXOTHERMIC WELDING.
 - E. BONDED TO A SINGLE POINT GROUND (SPG) WITH A SINGLE WIRE AS INDICATED ON DRAWINGS.
4. GROUND RODS SHALL BE:
- A. MINIMUM 5/8" DIAMETER.
 - B. MINIMUM 10' LONG.
 - C. COPPER-CLAD GALVANIZED STEEL OR STAINLESS STEEL.
 - D. PLACED IN UNDISTURBED SOIL AND BELOW THE FROST LINE.
 - E. INSTALLED WITH MINIMUM SEPARATION DISTANCE OF TWICE THE DEPTH OF THE ROD(S), OR AS INDICATED ON DRAWINGS.
 - F. MINIMUM TWO (2) RODS ON THE TOWER RING OR ONE (1) PER LEG WHICHEVER IS LARGER, MINIMUM FOUR (4) RODS ON EVERY EQUIPMENT BUILDING RING WITH ONE AT EACH CORNER OR AS INDICATED, MINIMUM ONE (1) ROD FOR POWER SERVICE GROUNDING ELECTRODE, AND MINIMUM ONE (1) ROD AT END OF EACH RADIAL.
5. CONDUCTIVE OBJECTS, SUCH AS FENCES, SHALL BE BONDED TO THE GROUNDING SYSTEM IF WITHIN 20' OF THE TOWER GROUNDING SYSTEM, OR 5' OF ANY OTHER GROUNDED COMPONENT.



1 DETAILED GROUNDING PLAN

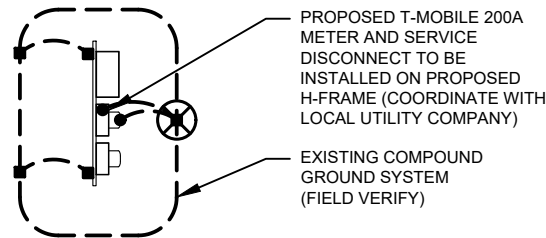
SCALE: N.T.S.

GROUNDING PLAN LEGEND:

- EXISTING GROUND WIRE
- - - GROUND WIRE
- EXOTHERMIC WELD
- MECHANICAL WELD
- ⊗ 5/8"Ø X 10' COPPER GROUND ROD
- ⊗ TEST WELL

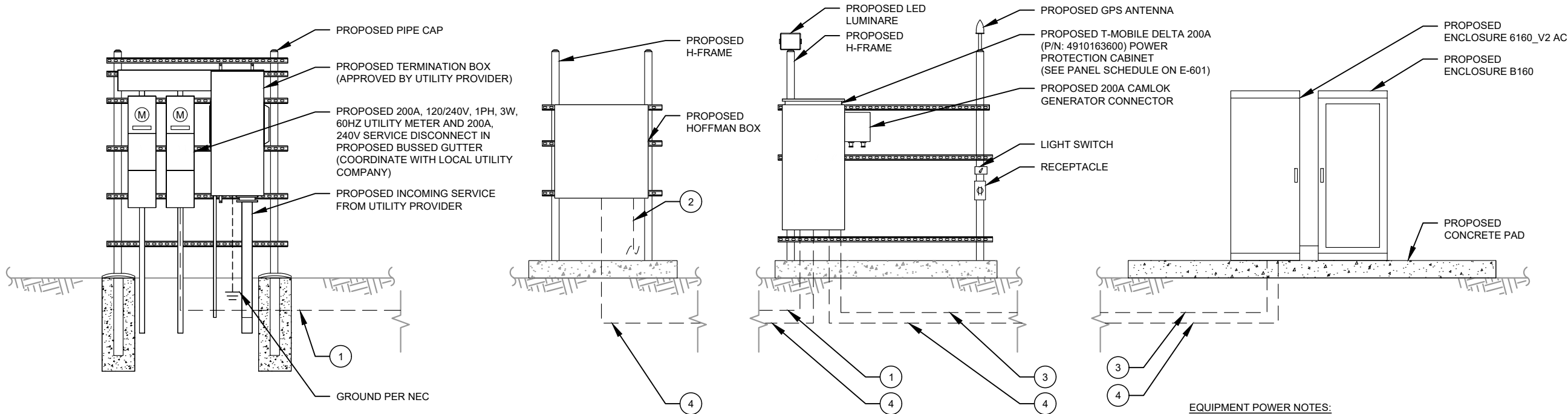
GROUNDING KEYED NOTES:

- 1 BOND TO TOWER GROUND RING
- 2 #2 AWG BOND FROM VERTICAL H-FRAME AND ICE BRIDGE POST TO EXTERNAL GROUND RING (TYP. EVERY POST).
- 3 #2 AWG SBTC BOND FROM TOWER GROUND RING TO EQUIPMENT.
- 4 EQUIPMENT BOND TO GROUND RING (TYP.)
- 5 5/8Ø" X 10 FT GROUND ROD.



2 METER GROUNDING PLAN

SCALE: N.T.S.



3 EQUIPMENT POWER AND TELCO SCHEMATIC

SCALE: N.T.S.

EQUIPMENT POWER NOTES:

- 1 2" CONDUIT WITH (3) 3/0 AWG AND (1) #6 GND PPC POWER
- 2 4" CONDUIT FOR TELCO FEEDER SERVICE TO TELCO SOURCE PER UTILITY
- 3 2" CONDUIT WITH (3) 2/0 AWG, (1) #4 AWG CU G FOR 6160 SSC POWER AND (2) #12 AWG CU, (1) #12 AWG CU G FOR 6160 GFCI
- 4 4" CONDUIT FOR CAT6



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| C | | | |
| D | | | |
| E | | | |

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ATC: PEBBLE BEACH

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SEAL:



04/07/25



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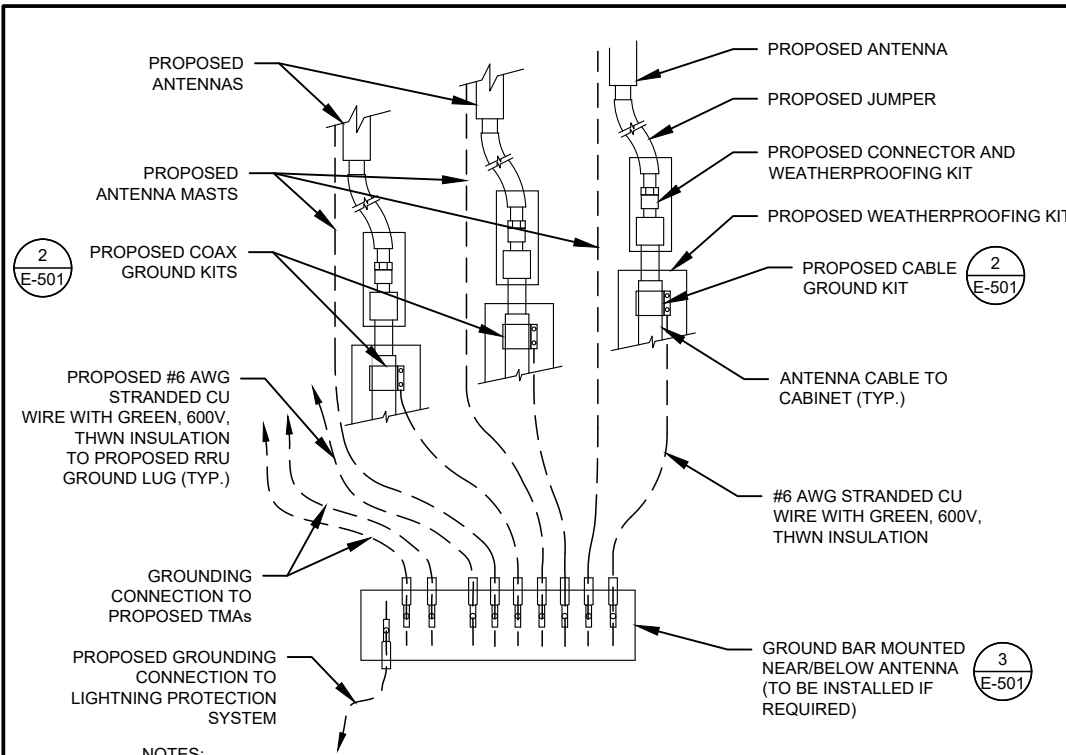
GROUNDING DETAILS & ELECTRICAL SCHEMATIC

SHEET NUMBER:

E-101

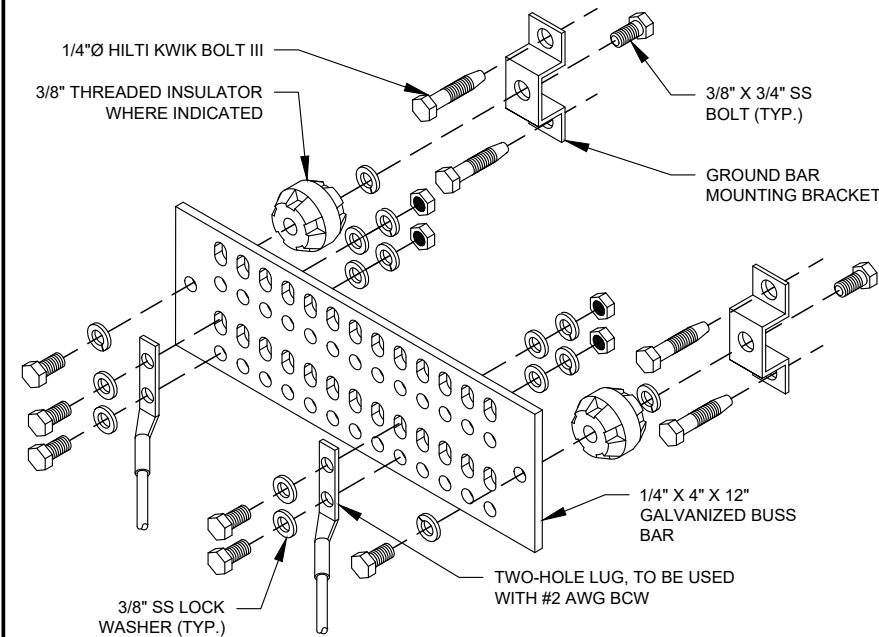
REVISION:

0



- NOTES:
- THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
 - SITE GROUNDING SHALL COMPLY WITH T-MOBILE GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH T-MOBILE GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

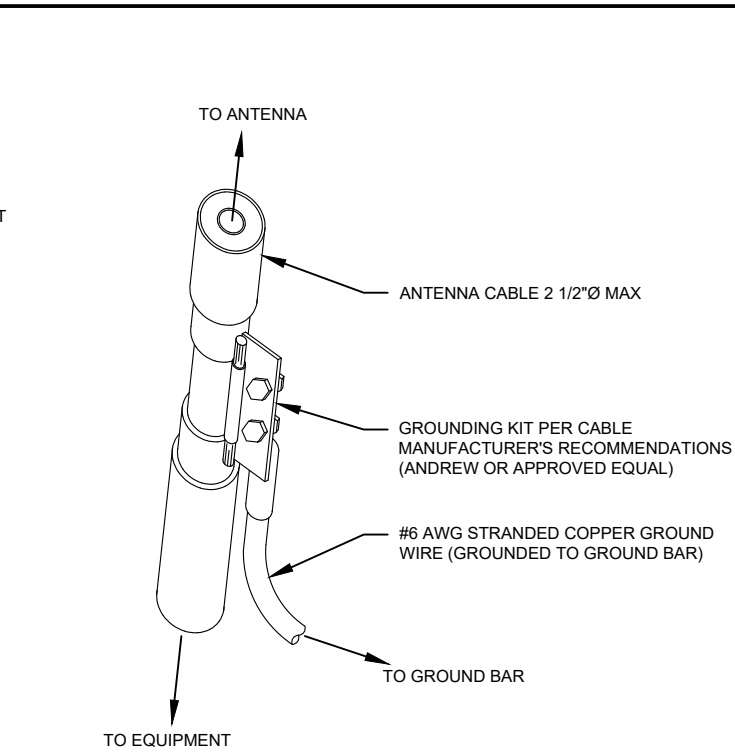
1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.



GROUND BAR NOTES

- GROUND KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
- GROUND BAR SHALL BE BOLTED TO STRUCTURAL MEMBER OR ANCHORED TO CONCRETE SLAB W/ HILTI KWIK BOLT III.

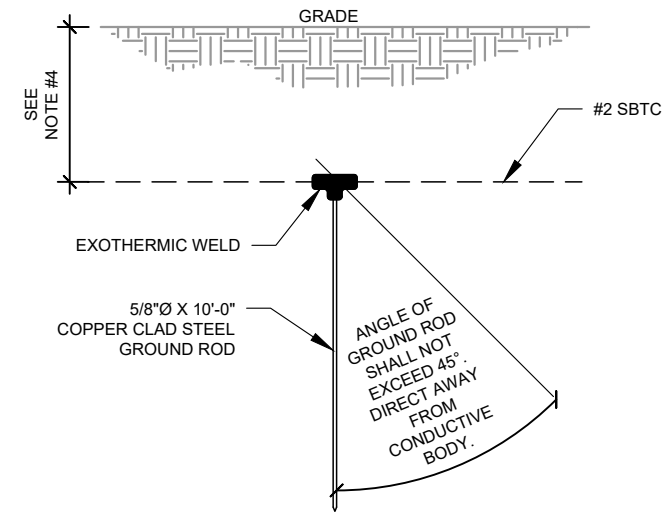
4 MAIN GROUND BAR DETAIL
SCALE: N.T.S.



GROUND KIT NOTES:

- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
- CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

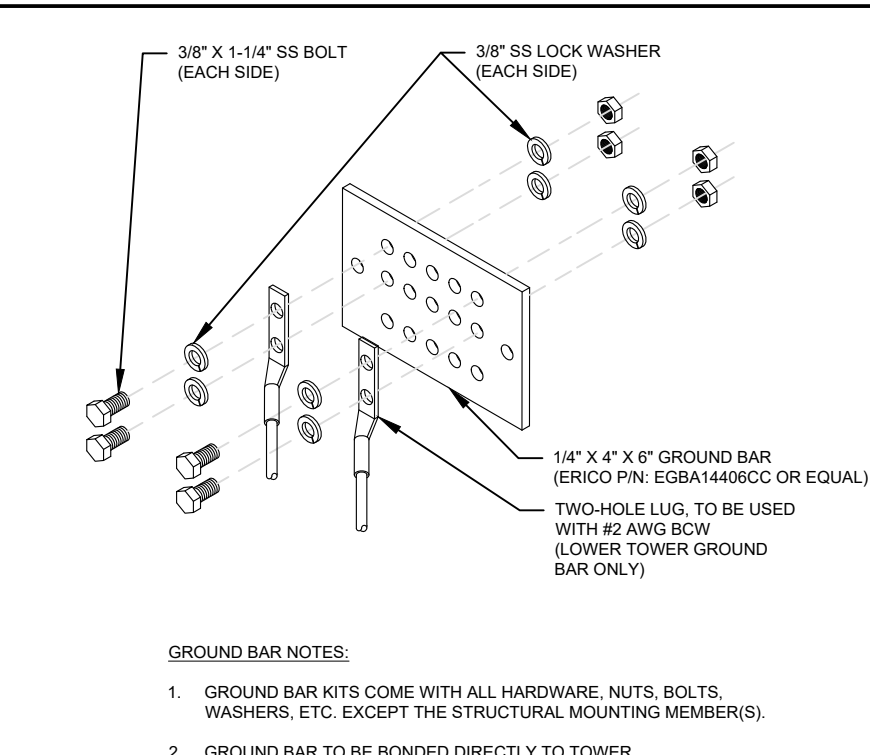
2 CABLE GROUND KIT CONNECTION DETAIL
SCALE: N.T.S.



NOTES:

- SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS.
- COORDINATE UTILITY, LOCATE BEFORE DIGGING.
- CONDUIT TRENCHING DEPTHS AT 36\"/>
- ALL RING AND RADIAL DEPTHS AT 30\"/>

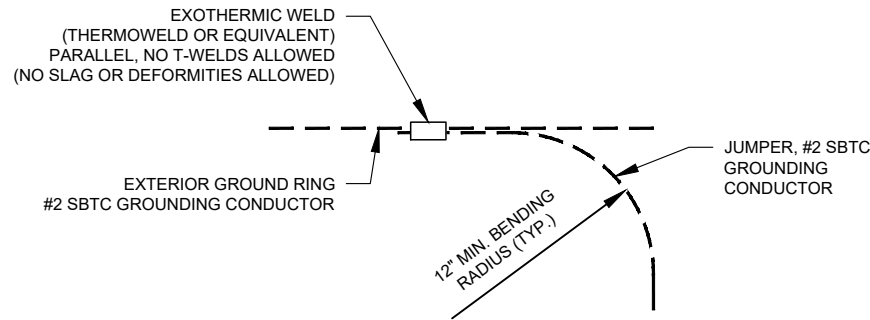
5 GROUND ROD DETAIL
SCALE: N.T.S.




GROUND BAR NOTES:

- GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
- GROUND BAR TO BE BONDED DIRECTLY TO TOWER.


3 TOWER GROUND BAR DETAIL
SCALE: N.T.S.



6 TIE CONNECTION DETAIL
SCALE: N.T.S.



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GROUNDING DETAILS

| | |
|------------------------|----------------|
| SHEET NUMBER: E-501 | REVISION: 0 |
|------------------------|----------------|

PANEL DESIGNATION

TMO

TYPE MOUNTING ENCLOSURE

SURFACE NEMA 3R

LIGHTING & APPLIANCE

SYSTEM

120/240V, 1Ø, 3W, 20 CKT

LOCATION

T-MOBILE LEASE AREA

MAIN BREAKER (MB):

200A MCB

MAIN BUS RATING:

200A

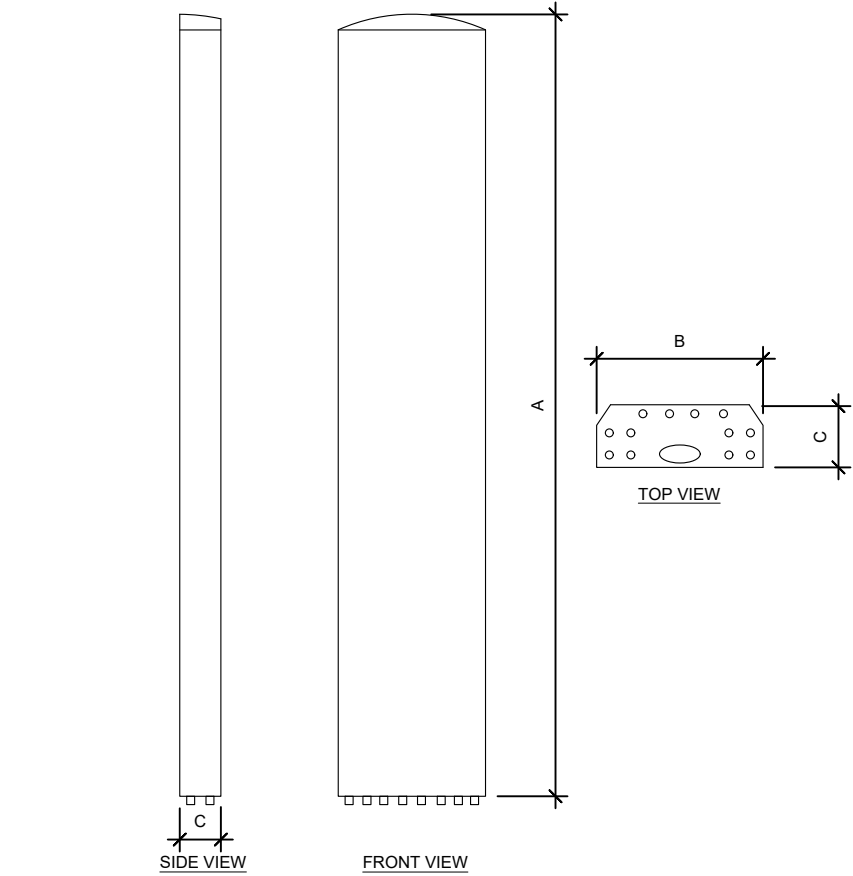
MIN. A.I.C. RATING:

65 KAIC

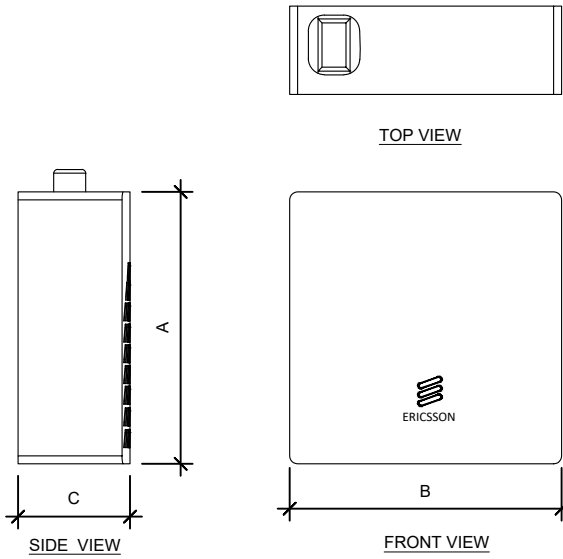
PANEL NOTES:

RAYCAP PPC PANEL WITH CAM-LOCK WITH SW D MANUAL TRANSFER SWITCH INTERCONNECT KIT

| CONNECTED LOAD (KVA) | | BRIEF DESCRIPTION | FEEDER OR BRANCH CIRCUIT | | | | | CIRC. NOTES | POLE NO. | FEEDER OR BRANCH CIRCUIT | | | | | BRIEF DESCRIPTION | CONNECTED LOAD (KVA) | | |
|----------------------|------|-------------------|--------------------------|-------|------|-----|-------|-------------|----------|--------------------------|-------|-------|------------------------|------|-------------------|----------------------|------|--|
| A | B | | AMPS | POLES | WIRE | GND | COND. | | | COND. | GND | WIRE | POLES | AMPS | | A | B | |
| 8.02 | | 6160 SSC | 125 | 2 | 2/0 | #4 | 2" | | 1 | | | | | 20 | RECEPTACLE | 0.72 | | |
| | 8.02 | | | | | | | | 3 | | | | | 20 | LIGHT | | 0.30 | |
| 0.18 | | 6160 GFCI | 20 | 1 | #12 | #12 | | | 5 | | | | | | SPACE | 0.00 | | |
| | 0.0 | SPACE | | | | | | | 7 | | | | | | SPACE | | 0.00 | |
| 0.0 | | SPACE | | | | | | | 9 | | | | | | SPACE | 0.00 | | |
| | 0.0 | | | | | | | | 11 | | | | | | SPACE | 0.00 | | |
| 0.0 | | SURGE | 30 | 2 | #10 | #10 | 3/4" | | 13 | | | | | | SPACE | 0.00 | | |
| | 0.0 | SPACE | | | | | | | 15 | | | | | | SPACE | 0.00 | 0.00 | |
| 0.0 | | SPACE | | | | | | | 17 | | | | | | SPACE | 0.00 | | |
| | 0.0 | SPACE | | | | | | | 19 | | | | | | SPACE | | 0.00 | |
| 8.20 | 8.02 | | | | | | | | | A | B | TOTAL | | | | | | |
| | | | | | | | | | 8.92 | 8.32 | 17.24 | | CONNECTED LOAD (kVA) | | | | | |
| | | | | | | | | | 8.92 | 8.32 | 17.24 | | DEMAND LOAD (kVA) | | | | | |
| | | | | | | | | | 89.79 | | 21.55 | | 125% DEMAND LOAD (kVA) | | | | | |
| | | | | | | | | | | | | | | | | | | |
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| ANTENNA SPECIFICATIONS | | | | |
|------------------------|-------|-------|------|--------------|
| ANTENNA MODEL | A | B | C | WEIGHT (LBS) |
| APXVAALL24M-U-J20 | 95.7" | 19.7" | 8.5" | 86.0 |
| AIR 6419 B41 | 35.2" | 20.9" | 7.0" | 83.0 |

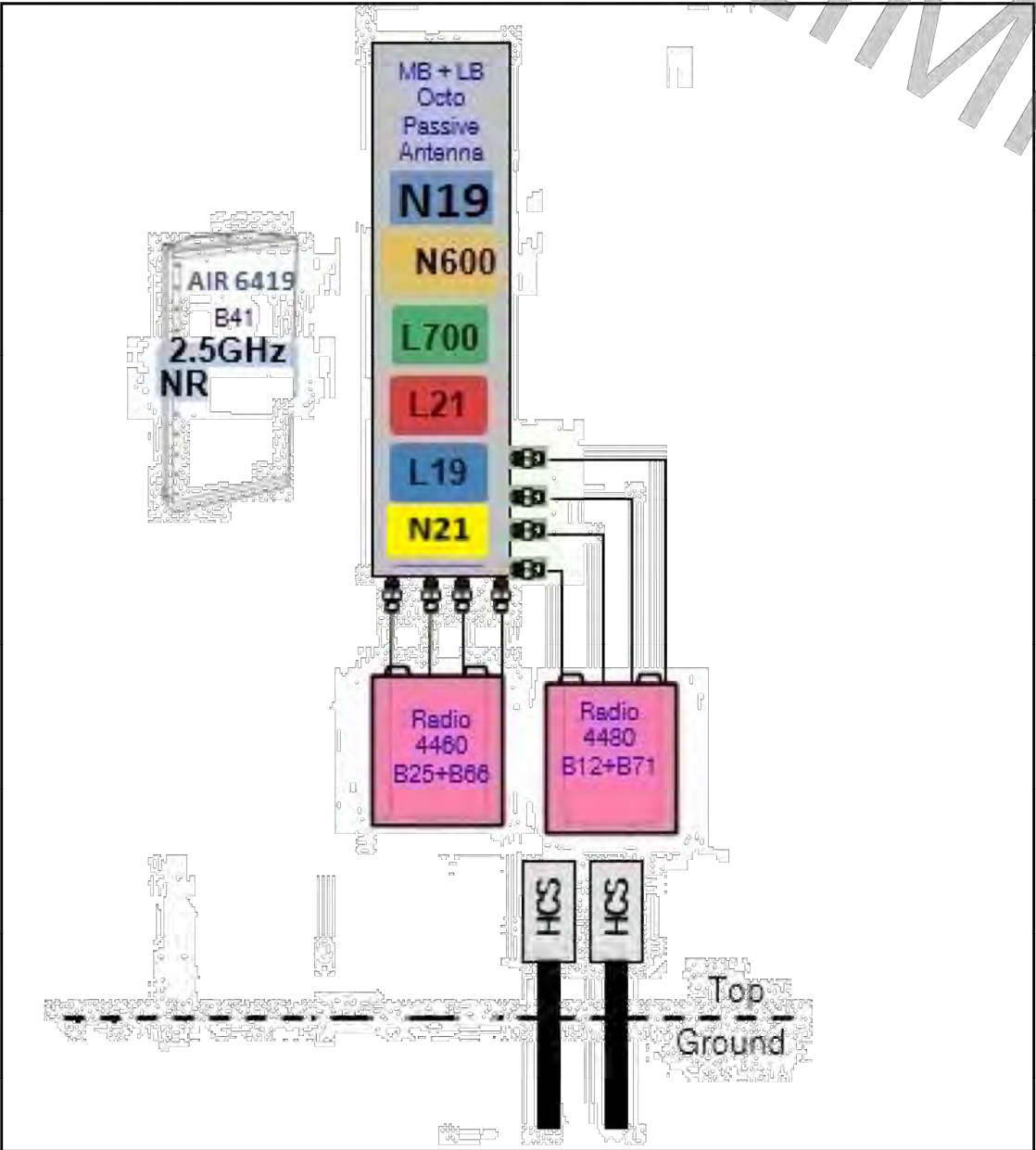


| RRU SPECIFICATIONS | | | | |
|---------------------|-------|-------|-------|--------------|
| RRU MODEL | A | B | C | WEIGHT (LBS) |
| RADIO 4460 B25+B66 | 19.6" | 15.7" | 12.1" | 109.0 |
| RADIO 4480 B71+B85A | 21.8" | 15.4" | 7.5" | 93.0 |

| Proposed RAN Equipment | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------|
| Template: 67E5D998E 6160 | | |
| Enclosure | 1 | 2 |
| Enclosure Type | Enclosure 6160_v2 AC | B160 |
| Baseband | RP 6651 N2500 RP 6651 N600 N1900 N2100 L700 L1900 L2100 | |
| Transport System | CSR IXRe V2 (Gen2) | |
| Hybrid Cable System | Hybrid Trunk 6/24 4AWG 70m (x2) | |
| RAN Scope of Work: | | |
| 10/15/2024: RC Updated from 60' to 99' as per instruction i.e tower extension. 9/20/2024: RC changed from 40' to 60' as per Vanessa/Dev. 1. Add (1) RP6651 for L7/N6 + L19/L21/N19/N21 MMBB 2. Add (1) RP6651 for N2500 3. Add (1) iXRe Router 4. Add E6160 and B160 Cabinets 5. Add (2) 6x24 HCS 4 AWG 70M | | |

1 PROPOSED CABINET CONFIGURATION
SCALE: N.T.S.

67E5D998E_With N19_No U19_No L600_No L25_Dark passive (1).jpg



Notes:

2 PROPOSED ANTENNA CONFIGURATION
SCALE: N.T.S.

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

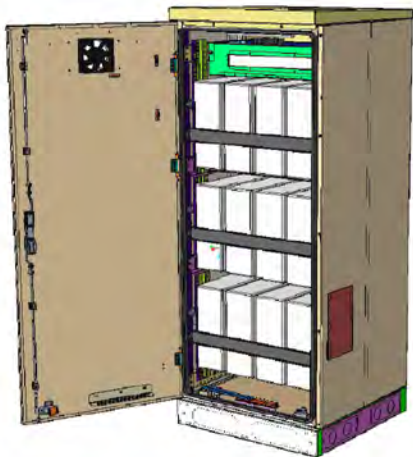
SHEET NUMBER:

R-602

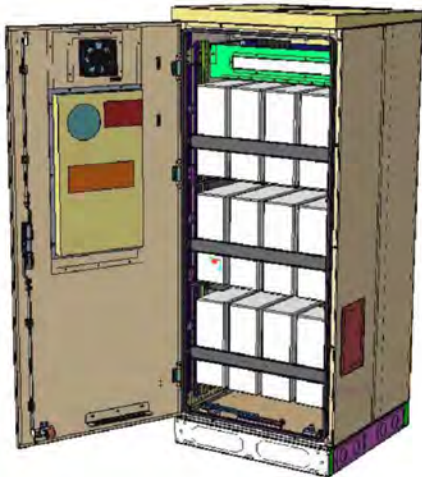
REVISION:

-

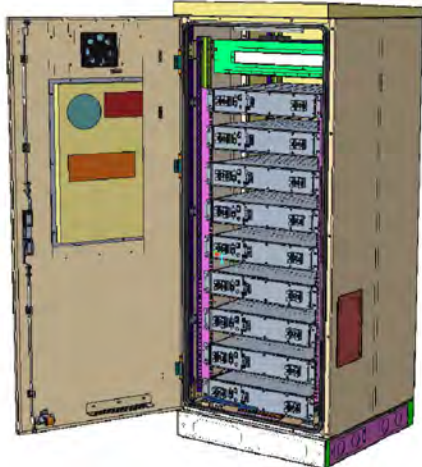
Enclosure B160



Enclosure B160
AirCon + VRLA



Enclosure B160
AirCon + Li-Ion



Enclosure B160
Convection Cooling
+ VRLA

PA1 | 2019-02-03 | Ericsson Confidential | Page 1

Enclosure B160

- Capacity
- VRLA 12V: 100Ah / 150Ah / 170Ah / 190Ah / 210Ah
 - Li-Ion: 24U 19" / 23"
 - Sodium-Nickel: 3x FIAMM
- Electrical specification
- DC Output: -48VDC/200A
 - Battery breakers: 2x 125/2p
 - Alarms: Door open, Climate failure, MCB Connection
- Mechanical specification
- Weight: 134kg
 - Dimensions: 63 x 26 x 26 in. (incl. Base frame)
 - Base frame height: 6 in.
 - Material: Galvanized steel (180g/m²)
 - Color: Powder paint NCS 2002-B
 - Door: Front access
 - Locking type: Pad lock / cylinder

- Environmental specification
- Ingress protection: VRLA/Sodium IP44
Li-Ion IP55
 - Relative humidity: 15-100%
- Climate system
- Air Conditioner
 - Fan type: DC
 - Cooling capacity: 500W @L35/L35
 - Convection cooling
 - Emergency fan

PA1 | 2019-02-03 | Ericsson Confidential | Page 2



Enclosure 6160 AC

The Enclosure 6160 is a multi-purpose site cabinet designed to support a multitude of equipment such as ERS Baseband, Transport, Li-Ion battery and 3PP vendor equipment. It also provides a highly capable power system and battery back-up - all in a streamlined design and minimized footprint to support cost efficient expansion of mobile broadband.

Being an all-in-one enclosure, the Enclosure 6160 is a very fitting choice for all types of sites where the capacity need is large or room for future expansion is needed. It is ideally used for modernizing existing sites or in greenfield scenarios to match both current and future needs.

With a robust design, IP65 compliance and a sealed Heat Exchanger (HEX) climate system the Enclosure 6160 ensures optimal environmental protection of the active equipment - enabling them for a long-lasting service. The complete system is also integrated and verified for the entire Ericsson Radio System and ensures best-in-class service.

The power system offers 31,5kW of power in total and provides 24kW of -48V DC power for both internal and external consumers.

The equipment space allows 19U of rack space ensuring well enough capacity for existing need and future expansion.

One of the main advantages of the Enclosure 6160 is its default integration with ENM - allowing for advanced remote monitoring and control such a fault management (alarms), inventory management and performance measurements. The cabinet also provides an open O&M interface for integration to 3PP O&M systems.



Preliminary technical specification for Enclosure 6160 AC

CAPACITY

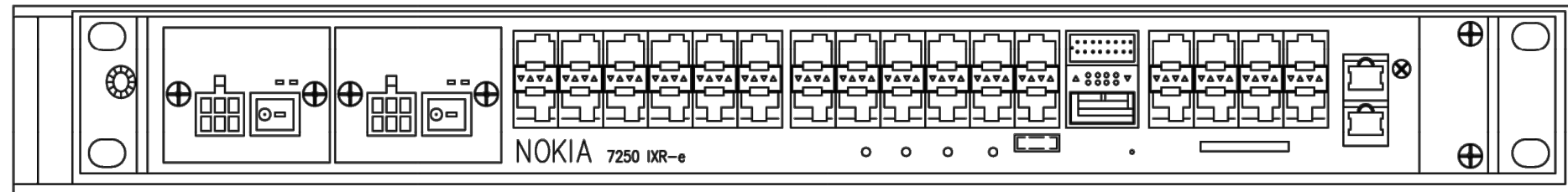
| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rack space user equipment | 19U (19" rack) |
| Hardware capabilities | Power and CPRI support for multi-standard remote radios (RRU or AIR) ERS Baseband and Transport units Li-Ion batteries 3PP equipment Additional power feed available as option |

MECHANICAL SPECIFICATION

| | |
|-----------------------|-------------------------------------------------------------------------------|
| Weight | 145 kg (excluding active equipment) 320 lbs (excluding active equipment) |
| Dimension (H x W x D) | 1600 x 650 x 650 mm (incl. Base frame) 63 x 26 x 26 in. (incl. Base frame) |
| Base frame height | 150 mm 6 in. |
| Mounting position | Ground |
| Enclosure material | Aluminum |
| Color | Power paint NCS 2002-B |
| Door | Front access |
| Rack type | 19" (IEC 60297-3-100) |
| Locking type | Pad lock or Cylinder |

POWER SYSTEM

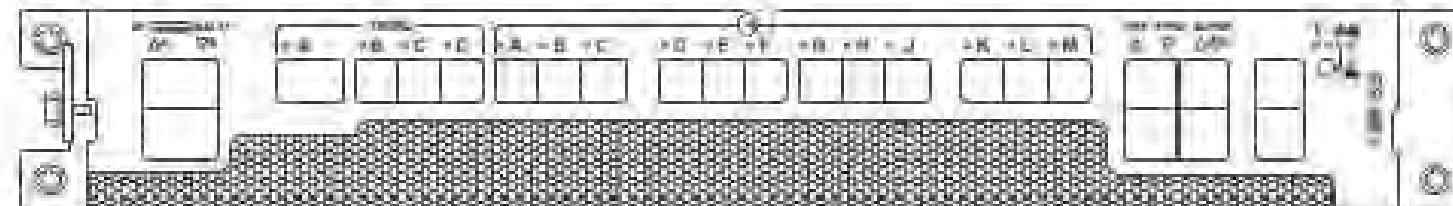
| | |
|--------------------------------|--------------------------------------------------------------------------------------|
| Input voltage | 3P+N+PE: 346/200-415/240 VAC 2P+N+PE: 208/120-220/127 VAC 1P+N+PE: 200-250 VAC |
| Input power | <33kW |
| Output load (-48VDC) | 24kW |
| Total capacity (-48VDC) | 31.5kW |
| AC SPD | Class 2/Type 2 |
| DC SPD | Class 2/Type 2 |
| PSU Slots | 9x |
| Service outlet | Optional |
| Priority load | 8x Circuit Breaker |
| LLVD 1 | 6x Circuit Breaker |
| LLVD 2 | 6x Circuit Breaker |
| CB ratings | 3A / 5A / 10A / 15A / 20A / 25A / 30A / 40A / 50A / 60A / 80A / 100A |
| Battery Interface | 2x Circuit Breaker |
| Battery Circuit Breaker rating | 125A 2pol (200A) |
| PSU capacity | 3500W |



NOKIA – CSR IXRE V2 ROUTER
WEIGHT: 11.2 LBS.
SIZE (HxWxD): 1.75x17.25x10.0 IN.

1 PROPOSED CSR IXRE V2 DETAIL
SCALE: N.T.S.

| | | |
|---------------|--------|--------------------|
| MANUFACTURER: | | ERICSSON |
| MODEL NO.: | | RF 6651 |
| DIMENSIONS: | | TOTAL WEIGHT |
| | 1.75" | |
| | 19" | |
| | 13.85" | 16.53 LBS (7.5 KG) |



2 PROPOSED RP 6651 DETAIL
SCALE: N.T.S.

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

| | |
|-------------------------------|-----------------------|
| SHEET NUMBER: R-605 | REVISION: - |
|-------------------------------|-----------------------|



Power Protection Cabinet (PPC) 225A with Generator Input and AC Alarm

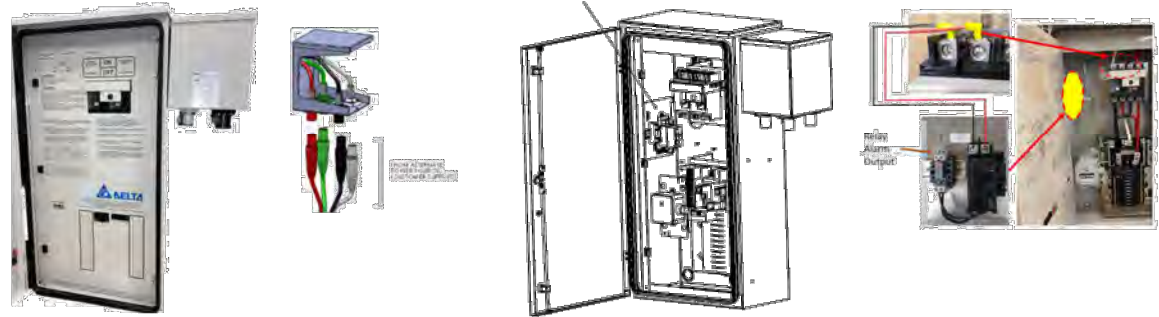
Product Features

- Single wall Aluminum enclosure
- Powder coated finish
- Pad lockable 3-point door latch
- Type 3R & IP55 rated
- Metal oxide varistor surge protection
- Camlok generator connection
- Main AC Input Detection Alarm



Specifications

| Model / Part Number | | 4910163600 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 1. General | | |
| Construction | Single layer Aluminum enclosure, Type 3R | |
| Dimensions (W x H x D) | 20.2 x 39 x 11.2 inch excludes generator connections 29.7 x 39 x 11.2 inch including RH Camlok generator box | |
| Weight | 71 lbs (without packaging) | |
| Finish | Polyester Powder Paint | |
| Door Latch | 3-Point latching, pad lockable | |
| Safety | UL50 (Cabinet) | |
| | UL891 Dead Front Switchboard Listed | |
| | Suitable for Use as Service Equipment (N-G Bonding kit included) | |
| 2. Environment | | |
| Operating temperature | -40°C to +46°C (-40°F to 115°F) | |
| Humidity (relative) | 95%, non-condensing (Max.) | |
| Protection class | Type 3R | |
| 3. AC Section | | |
| Voltage | 240/120 Single Phase (3 wire + Ground) | |
| Current | 225A | |
| AIC Rating | Utility 65,000 Amps | |
| Other features | Generator Interface: Camlok Connections (Right Mount) | |
| | Service Disconnect: Square D 225 Amp (65kAIC) Mechanical | |
| | Slide Bar Interlock | |
| | Load Center: Square D 225 Amp, QO Series, 24 Position | |
| | Surge Protection Device (SPD) - 1 ea. AC2080M-02 | |
| | Square D 30 Amp, 2-Pole Breaker for SPD | |
| | Ground Bar | |
| | Silkscreen Dead-Front Lift Off Style | |
| | Captive Dead-Front Fasteners | |
| | Loss of AC Input Alarm | |
| | | |
| 5. Ordering information | | |
| PPC | 4910163600 | Power Pedestal Cabinet - 225A w/ AC Alarm |
| AC Alarm Relay Kit FRU | 5630102506 | Alarm Monitoring Retrofit Kit for PPC |



GENERATOR INPUT

*Male Receptacle Twist Lock Panel Mount connectors (not included)

*All specifications are subject to change without prior notice.

Delta Group Website:
www.deltaww.com

Product Website:
www.deltapowersolutions.com

United States of America & Canada:
Delta Electronics (USA) Inc.
2925 E. Plano Parkway
Plano, TX (Texas) 75074

Sales and Orders:
DEUSTPS.Sales@deltaww.com
DEUSTPS.Orders@deltaww.com

Field Support:
1-877-DELTA-08 option 3
(877-335-8208 option 3)
DEUSTPS.Support@deltaww.com

Installation Services:
DEUSTPS.Services@deltaww.com

RMA:
DEUSTPS.RMA@deltaww.com

EN_z23n2P17/ FH

www.deltaww.com



1 PROPOSED 225A PPC DETAIL
SCALE: N.T.S.

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

SHEET NUMBER:

R-606

REVISION:

-



The NSB RED Battery® delivers long life for reliable and unreliable grid conditions.

- Pure lead electrochemistry greatly increases temp and corrosion resistance, while reducing component aging
- Thin plates deliver large surface area, high power density and low resistance
- Design life 15+ years at 20°C (68°F)
- EUROBAT design life definition: Very Long Life (12+ years)
- Fast recharging
- Operating temperature range -40°C to +65°C (-40°F to 149°F)
- State-of-the-art automated manufacturing ensures consistency and reliability
- Shelf life of up to 24 months
- Advanced 3 stage terminal design to ensure leak-free operation - brass terminals provide maximum performance
- High modulus Polyphenylene Oxide (PPO) plastic materials designed to withstand extended elevated operating temperatures and maintain high battery compression essential for reliable operation
- Non-halogenated, thermally sealed plastic casing
- Flame retardant (UL 94 VO) and LOI of at least 28%
- Approved as non-hazardous cargo for ground, sea, and air transport - DOT 49CFR173.159(d), (i) and (ii)

Release date: 2021-09-05



NSB 190FT RED

Technical Specifications

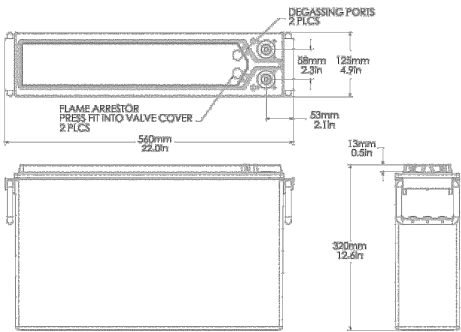
Dimensions (Nominal)

| | | | |
|--------|---------|--------|---------|
| Height | 12.6 in | Width | 4.9 in |
| Length | 22 in | Weight | 123 lbs |

Electrical

| | |
|-----------------------------------------------|----------------------|
| Terminal | Female M8 x 1.25 |
| Terminal torque | 8.0 Nm (71 in-lbs) |
| 1 hr capacity to 1.70VPC @ 20/25°C (68/77°F) | 123 / 129 Ah |
| 3 hr capacity to 1.75VPC @ 20/25°C (68/77°F) | 160 / 164 Ah |
| 8 hr capacity to 1.75VPC @ 20/25°C (68/77°F) | 183 / 186 Ah |
| 10 hr capacity to 1.80VPC @ 20/25°C (68/77°F) | 187 / 190 Ah |
| Float voltage @ 20/25°C (68/77°F) | 2.28 / 2.27 VPC |
| Impedance (1Khz) | 2.8 mΩ @ 25°C (77°F) |
| Conductance | 1900 S |
| Short circuit current | 6000 A |
| Operation temperature range | -40°C to +65°C |
| Nominal voltage | 12 V |

Technical Drawing



• Approved as non-hazardous cargo for ground, sea, and air transportation in accordance with US DOT Regulation 49 and ICAO & IATA Packing Instruction 806. Please see our SDS for complete details at www.enersys.com

• Complies with Telcordia® SR-4228, Network Equipment Building System (NEBS™) Criteria Levels

• The management systems governing the manufacture of this product are ISO 9001 and ISO 14001 certified

EnerSys World Headquarters
2366 Bernville Road
Reading, PA 19605, USA
Tel: +1-610-208-1991/+1-800-538-3627

Release date: 2021-09-05

Pxxx: Bulk Pipe



| Part # | Length | OD x Length (in) |
|-------------|--------|------------------|
| Schedule 40 | | |
| P260 | 5'-0" | 2-3/8" x 60" |
| P263 | 5'-3" | 2-3/8" x 63" |
| P272 | 6'-0" | 2-3/8" x 72" |
| P284 | 7'-0" | 2-3/8" x 84" |
| P296 | 8'-0" | 2-3/8" x 96" |
| P2108 | 9'-0" | 2-3/8" x 108" |
| P2120 | 10'-0" | 2-3/8" x 120" |
| P2126 | 10'-6" | 2-3/8" x 126" |
| P2150 | 12'-6" | 2-3/8" x 150" |
| P2174 | 14'-6" | 2-3/8" x 174" |
| P2252 | 21'-0" | 2-3/8" x 252" |
| P3072 | 6'-0" | 2-7/8" x 72" |
| P3084 | 7'-0" | 2-7/8" x 84" |
| P3096 | 8'-0" | 2-7/8" x 96" |
| P30108 | 9'-0" | 2-7/8" x 108" |
| P30120 | 10'-0" | 2-7/8" x 120" |
| P30126 | 10'-6" | 2-7/8" x 126" |
| P30150 | 12'-6" | 2-7/8" x 150" |
| P30174 | 14'-6" | 2-7/8" x 174" |
| P30252 | 21'-0" | 2-7/8" x 252" |
| P360 | 5'-0" | 3-1/2" x 60" |
| P372 | 6'-0" | 3-1/2" x 72" |
| P384 | 7'-0" | 3-1/2" x 84" |
| P396 | 8'-0" | 3-1/2" x 96" |
| P3150 | 12'-6" | 3-1/2" x 150" |
| P3160 | 13'-4" | 3-1/2" x 160" |
| P3174 | 14'-6" | 3-1/2" x 174" |
| P3216 | 18'-0" | 3-1/2" x 216" |
| P3252 | 21'-0" | 3-1/2" x 252" |
| P472 | 6'-0" | 4-1/2" x 72" |
| P4126 | 10'-6" | 4-1/2" x 126" |
| P4252 | 21'-0" | 4-1/2" x 252" |



- Features:**
- Factory cut end, hot-dip galvanized pipe
- Construction:**
- ASTM A53 Grade B
 - Schedule 40 or Schedule 80
- Design Criteria:**
- ASTM A53 Grade B (Yield Fy = 35 ksi [240 MPa]/ Tensile Fu = 60 ksi [415 MPa])
 - Hot dip galvanized in accordance with ASTM A123 requirements

| Part # | Length | OD x Length (in) |
|-------------|--------|------------------|
| Schedule 80 | | |
| P2252-80 | 21' | 2-1/2" x 252" |
| P30126-80 | 10'-6" | 2-7/8" x 126" |
| P30252-80 | 21' | 2-7/8" x 252" |
| P3252-80 | 21' | 3-1/2" x 252" |

SitePro1.com

888-438-7761

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

| ITEM | QTY | PART NO. | PART DESCRIPTION | LENGTH | UNIT WT. | NET WT. |
|-------------|-----|----------|------------------|--------|----------|---------|
| 1 | 1 | SCX7 | CROSSOVER PLATE | 8 in | 7.55 | 7.55 |
| 2 | 2 | X-115785 | 5\"/> | | | |
| 3 | 2 | X-100064 | CLAMP (S) (4\"/> | | | |
| 4 | 8 | G12085 | 1/2\"/> | | | |
| 5 | 4 | G12045 | 1/2\"/> | | | |
| 6 | 16 | G12FW | 1/2\"/> | | | |
| 7 | 8 | G12LW | 1/2\"/> | | | |
| 8 | 8 | G12NUT | 1/2\"/> | | | |
| TOTAL WT. # | | | | | 16.98 | |

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$)
DRILLED AND GAS CUT HOLES ($\pm 0.030"$) - NO CONING OF HOLES
LASER CUT EDGES AND HOLES ($\pm 0.030"$) - NO CONING OF HOLES
BENDS ARE $\pm 1/2$ DEGREE
ALL OTHER MACHINING ($\pm 0.030"$)
ALL OTHER ASSEMBLY ($\pm 0.005"$)

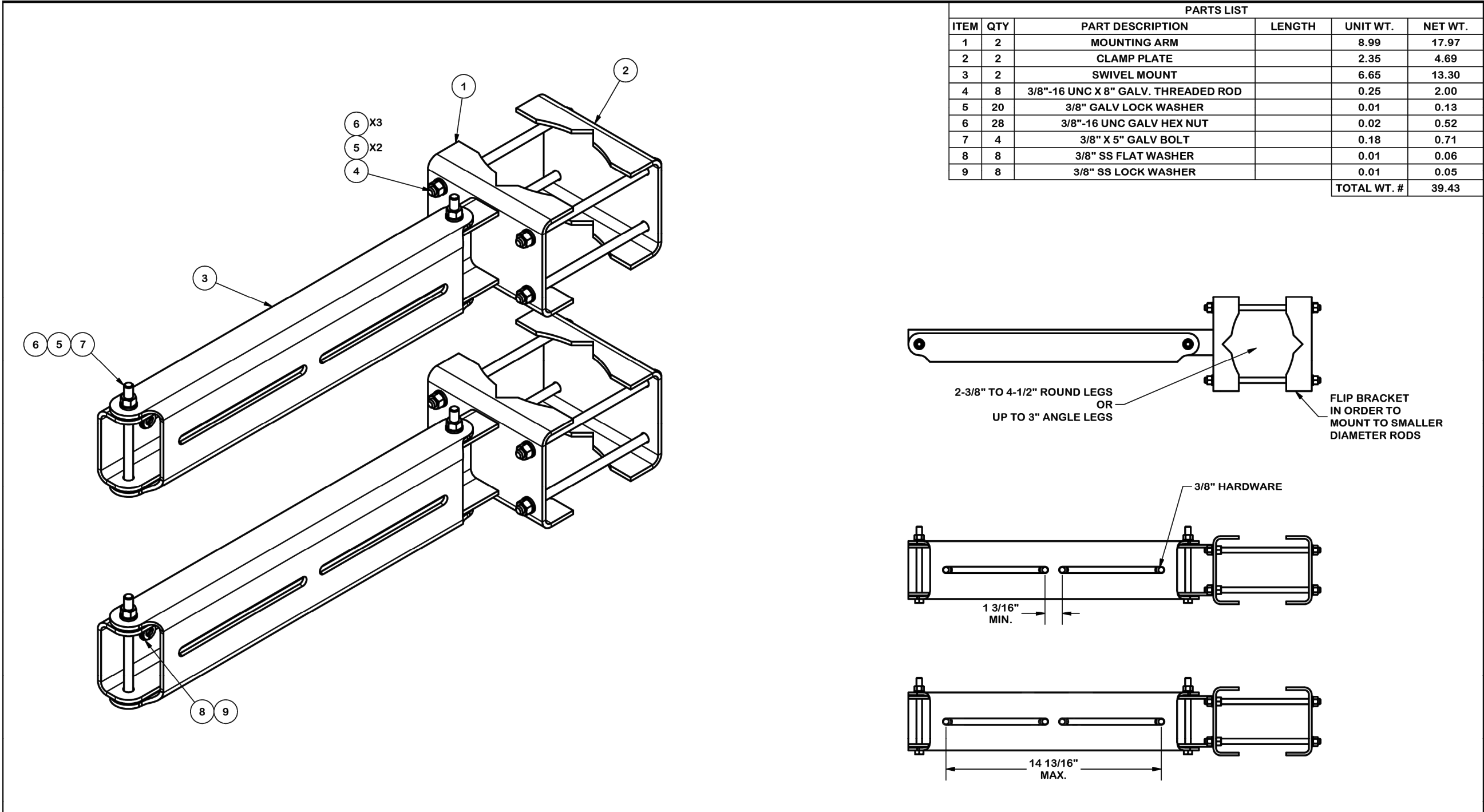
PROPRIETARY NOTE:
THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS EXPRESSLY PROHIBITED.

| DESCRIPTION | | CROSSOVER PLATE (V-CLAMP STYLE) | |
|---------------|--------|---------------------------------|-----------|
| CPD NO. | CEK | DRAWN BY | 10/7/2010 |
| ENG. APPROVAL | | CHECKED BY | BMC |
| PART NO. | SCX7-U | ENG. NO. | SCX7-U |

Locations: New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Dallas, TX

Engineering Support Team:
1-888-753-7446

SUPPLEMENTAL



| PARTS LIST | | | | | |
|-------------|-----|-------------------------------------|--------|----------|---------|
| ITEM | QTY | PART DESCRIPTION | LENGTH | UNIT WT. | NET WT. |
| 1 | 2 | MOUNTING ARM | | 8.99 | 17.97 |
| 2 | 2 | CLAMP PLATE | | 2.35 | 4.69 |
| 3 | 2 | SWIVEL MOUNT | | 6.65 | 13.30 |
| 4 | 8 | 3/8"-16 UNC X 8" GALV. THREADED ROD | | 0.25 | 2.00 |
| 5 | 20 | 3/8" GALV LOCK WASHER | | 0.01 | 0.13 |
| 6 | 28 | 3/8"-16 UNC GALV HEX NUT | | 0.02 | 0.52 |
| 7 | 4 | 3/8" X 5" GALV BOLT | | 0.18 | 0.71 |
| 8 | 8 | 3/8" SS FLAT WASHER | | 0.01 | 0.06 |
| 9 | 8 | 3/8" SS LOCK WASHER | | 0.01 | 0.05 |
| TOTAL WT. # | | | | 39.43 | |

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$)
DRILLED AND GAS CUT HOLES ($\pm 0.030"$) - NO CONING OF HOLES
LASER CUT EDGES AND HOLES ($\pm 0.010"$) - NO CONING OF HOLES
BENDS ARE $\pm 1/2$ DEGREE
ALL OTHER MACHINING ($\pm 0.030"$)
ALL OTHER ASSEMBLY ($\pm 0.060"$)

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

DESCRIPTION

**RRU
DUAL SWIVEL MOUNT**

| | | |
|-------------|----------------------------|-----------------------|
| CPD NO. | DRAWN BY CEK 1/12/2015 | ENG. APPROVAL |
| CLASS 81 | SUB 01 | DRAWING USAGE SHOP |
| | CHECKED BY BMC 2/3/2015 | |



Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

Engineering
Support Team:
1-888-753-7446

A valmont COMPANY

| | |
|---------------------------|----------------|
| PART NO. RRUDSM | PAGE 1 OF 1 |
| DWG. NO. RRUDSM | |

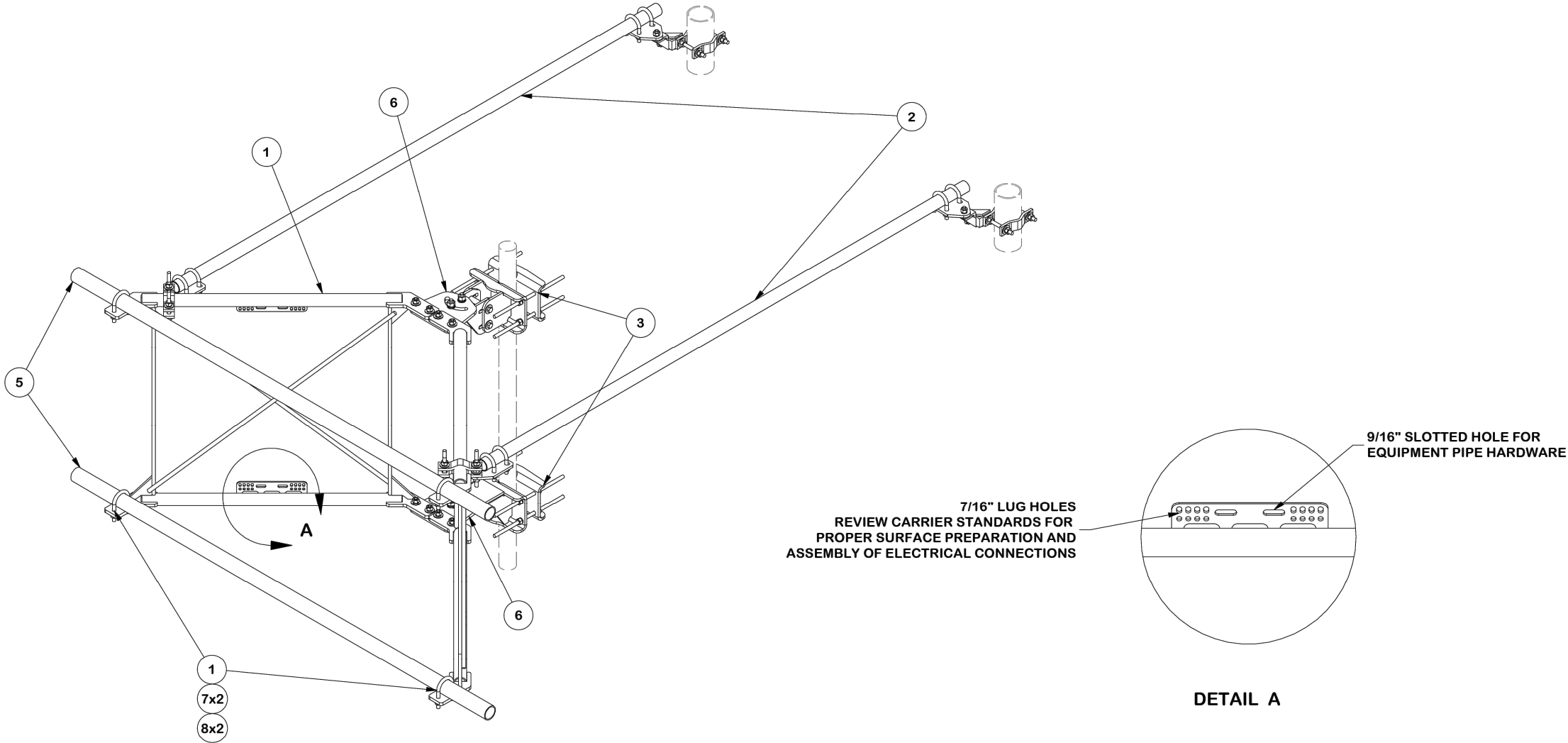
1 PROPOSED RRU DUAL SWIVEL MOUNT DETAIL
SCALE: N.T.S.

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

| | |
|-------------------------------|-----------------------|
| SHEET NUMBER: R-609 | REVISION: - |
|-------------------------------|-----------------------|

| PARTS LIST | | | | | | |
|------------|-----|----------|-----------------------------------------------------------|--------|-------------|---------|
| ITEM | QTY | PART NO. | PART DESCRIPTION | LENGTH | UNIT WT. | NET WT. |
| 1 | 2 | X-VXDW45 | XTREME DUTY 45" VERTICAL SUPPORT ARM | | 100.07 | 200.13 |
| 2 | 2 | SPTB | SLIDING TIE-BACK ASSEMBLY KIT | | 93.55 | 187.10 |
| 3 | 1 | BCAM-HD | HEAVY DUTY BOLT CALIBRATED ANGLE MAINSTAY | | 147.01 | 147.01 |
| 5 | 2 | P30108 | 2-7/8" O.D. X 108" SCH. 40 PIPE (A53 Gr.B Fy=35 ksi min.) | 108 in | 52.32 | 104.63 |
| 6 | 1 | VFAPL4-K | HD FRAME PIVOT PLATE KIT | | 39.25 | 39.25 |
| 7 | 8 | G58NUT | 5/8" HDG HEAVY 2H HEX NUT | | 0.13 | 1.04 |
| 8 | 8 | G58LW | 5/8" HDG LOCKWASHER | | 0.03 | 0.21 |
| | | | | | TOTAL WT. # | 694.77 |



TOLERANCE NOTES

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LASER CUT EDGES AND HOLES ($\pm 0.010"$) - NO CONING OF HOLES
BENDS AND ANGLES ARE $\pm 1/2$ DEGREE
ALL OTHER MACHINING ($\pm 0.030"$)
ALL OTHER ASSEMBLY ($\pm 0.060"$)

PATENT INFORMATION: WWW.SITEPRO1.COM/PATENTS

PROPRIETARY NOTE:
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DESCRIPTION

8' XTREME DUTY V-FRAME ASSEMBLY WITH TWO
STIFF ARMS 5' STAND-OFF



Engineering
Support Team:
sp1engineering@valmont.com

A valmont COMPANY

CPD NO.

SP1

DRAWN BY

ADB 11/5/2024

ENG. APPROVAL

DRAWING USAGE

CUSTOMER

CHECKED BY

PART NO.

VFA8-XD-NPNH

DWG. NO.

VFA8-XD-NPNH

PAGE
1 OF 14

1 PROPOSED SECTOR MOUNT DETAIL
SCALE: N.T.S.

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED
AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

SHEET NUMBER:

R-610

REVISION:

-