

Report to the Planning Commission

DATE ISSUED: October 21, 2023 REPORT NO. PC-23-037

HEARING DATE: November 2, 2023

SUBJECT: American Tower AT&T Tecolote Relo, Process Five Decision

PROJECT NUMBER: <u>1071544</u>

OWNER/APPLICANT: Sorrento Towers Housing Partners, Owner, and AT&T/American Tower

Corporation, Permittees

SUMMARY

<u>Issue(s)</u>: Should the Planning Commission recommend to the City Council approval of a Conditional Use Permit for modification of an existing Wireless Communication Facility (WCF) located at 2875 Cowley Way in the RM-3-7 Zone of Clairemont Mesa Community Plan Area?

Staff Recommendations:

- 1. Approve Conditional Use Permit (CUP) No. 3184904; and
- 2. Approve Site Development Permit (SDP) No. 3235043.

<u>Community Planning Group Recommendation</u>: The Clairemont Mesa Community Planning Group voted 4-0-0, on May 16, 2023, to recommend approval of the project without any conditions (Attachment 6).

<u>Environmental Review</u>: This project was determined to be categorically exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15302 (Replacement or Reconstruction). The project is not pending an appeal of the environmental determination (Attachment 9)

<u>Fiscal Impact Statement</u>: None with this action. All costs associated with the processing of this project are paid from a deposit account maintained by the applicant.

Code Enforcement Impact: None with this action.

<u>Housing Impact Statement</u>: This project application is for a WCF and is located on an existing residential development. There will be no impact to the existing developed dwelling units.

BACKGROUND

The project is proposing a modification of an existing Wireless Communication Facility (WCF) on the roof of the existing apartment building, behind Fiber Glass Reinforced Panels (FRP). The modification consists of removing six (6) antennas and installing nine (9) antennas with upgrading of the equipment inside a mechanical room on the 14th floor (Attachments 1-3). The project is located at 2875 Cowley Way within the RM-3-7 Zone and the Clairemont Mesa Height Limit Overlay Zone in the Clairemont Mesa Community Plan. The site is surrounded by residential uses to the North, and South, commercial use to the west and Tecolote open space and Golf Course to the east. This is a colocation site- Sprint antennas located within the penthouse on the roof.

The original permit was approved by the City Council on May 28, 1996. The CUP included a 10-year expiration date to allow for any upgrade and change in technology. The subsequent CUP, approved on March 13, 2012, was a major improvement over what was approved originally because it removed all exposed antennas from the surface of the building and concealed them behind an FRP screen, that was painted to match and architecturally integrate with the building.

The overall height of the building is 140-feet, 9-inches that includes the 11-feet and 9-inches FRP parapet, partially screen that does not increase the height of the building. The building is previously conforming and was constructed prior to the adoption of the Clairemont Mesa Height Limit Overly Zone (CMHLOZ). The height limit in the RM-3-7 Zone is 40-feet. The modification of the antennas behind the FRP will not impact or increase the height of the parapet screen and there is no visual impact to the surrounding areas.

WCFs are allowed in the Residential zone with approval of a Conditional Use Permit (CUP) pursuant to San Diego Municipal Code (SDMC) sections $\underline{126.0302(b)}$, and $\underline{141.0420.(c)(2)(B)}$ Process Four, Planning Commission.

Pursuant to SDMC section 126.0502 (e)(3) a Site Development Permit, a Process Five City Council approval, is required for development in the Clairemont Mesa Height Limit Overlay Zone (CMHLOZ), for which an exception to the height limit is requested. Processing of this SDP meets the requirement.

DISCUSSION

Project Description:

The project is a modification of an existing Wireless Communication Facility (WCF) on the roof of an existing building, behind Fiber Glass Reinforced Panels (FRP). The modification consists of removing six (6) antennas and installing nine (9) antennas and upgrading of the equipment inside a mechanical room on the 14th floor.

Pursuant to SDMC section 141.0420 for WCFs, various camouflaging techniques shall be employed to reduce all visual impacts. There is no addition or modification to the exterior of the mechanical screen on the roof, therefore the project does not pose any visual impact to the surrounding area. The antennas are proposed to be replaced behind the parapet wall and the upgrade of the equipment is inside the 14th floor equipment room, inside the building. The project complies with the Wireless Facility Guidelines as a Complete Concealment Facility and therefore, will not include a permit expiration. All antennas, equipment and cables will be concealed as required by the WCF Design Guidelines Section 2(a)(b)(c) Completely Concealed and Integrated Facilities (CCIFs).





Figure 1. Existing and proposed antennas behind roof screening

WCFs are permitted in all zones Citywide with the appropriate permit process. Council Policy 600-43 assigns preference levels to WCFs proposed on different land uses, with Preference 1 being the highest and Preference 4 the lowest. The most preferred locations being Preference 1 which are generally non-residential uses/zones and are permitted ministerially and the least preferred locations are residential uses in residential zones and are Preference 4, requiring a Process Four, CUP. This project is located in a multi-family zone on a residential building, which is a Preference 4, according to the Council Policy.

Pursuant to SDMC section 141.0420(c)(2)(B), the project requires a CUP Process Four when a WCF is located in a residential zone on a premises that contains residential development. The project is located in the Clairemont Mesa Height Limit Overlay Zone, which has a maximum height limit of 30 feet. Pursuant to SDMC section 132.1305(a), the project requires a SDP Process Five for the alteration of existing structures that will increase the height of the structure. Consistent with the SDMC section 112.0103, when an applicant applies for more than one permit, map, or other approval for a single development, the applications will be consolidated for processing and shall be reviewed by a single decision maker at the highest level of authority for that development. Therefore, the project as proposed would require a Process Five, Planning Commission recommendation and City Council approval.

The Telecommunication Act of 1996 preempts local governments from regulating the "placement, construction and modification of wireless communication facilities on the basis of the environmental effects of Radio Frequency (RF) emissions to the extent that such facilities comply with the Federal Communication Commission's (FCC) standards for such emissions." A Radio Frequency Electromagnetic Energy (RF-EME) Compliance Report dated May 16, 2022, from EBI Consulting was submitted to the City verifying that the proposed project meets or exceeds the requirements of the

FCC upon implementation of proposed remediation. The report will be stamped as Exhibit "A" and provided within the project file.

Community Plan Analysis:

The <u>Clairemont Mesa Community</u> Plan does not address WCFs as a specific land use. However, the General Plan, Section <u>UD-A.15</u>, states that WCFs should be concealed in existing structures when possible, or otherwise use camouflage and screening techniques to hide or blend the facilities into the surrounding area. The plan also calls for these facilities to be designed to be aesthetically pleasing and respectful of the neighborhood context. Furthermore, the plan states that equipment associated with wireless facilities shall be concealed from view.

This site has been in this location for over 20 years and has been providing vital data and communication services to the surrounding area. The antennas have been modified in the past to remain in compliance with the WCF for regulations for design and camouflaging. The antennas are screened behind the FRP mechanical screens on the roof and are not visible from the surrounding areas due to the building height. Therefore, staff has determined that the proposed WCF design as, is consistent with the General Plan requirements for concealment of the WCFs,

The Clairemont Mesa Community Planning Group Voted 4-0-0, on May 23, 2023, to recommend approval of the project without any conditions.

Environmental Analysis:

This project was determined to be categorically exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15302. CEQA Section 15302 allows for the replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site and will have substantially the same purpose and capacity as the structure being replaced. The proposed project is the continued use of an existing WCF with minor modification that includes removing and replacing of six antennas and addition of three new ones behind screening with upgrading equipment inside the building.

Council Policy 600-43:

Council Policy <u>600-43</u> guidelines establish hierarchy from the most preferred location (Preference 1) to the least preferred location (Preference 4) for WCFs. The project is proposed within a Preference 4 location according to Council Policy 600-43, which categorizes WCF's according to land use in which they are located. The applicant is required to submit a site justification explaining why a Preference 4 site was selected over any lower Preference level sites. The coverage ring and the existing coverage consists of residential and commercial uses nearby. However, this site is the only viable candidate at the current height which is needed to maintain the necessary coverage objective. As a result, AT&T is proposing to remain at this location while maintaining the existing coverage for the area.

Project-Related Issues:

Deviation- The project is located in the Clairemont Mesa Height Limit Overlay Zone and requires a

SDP Process Five to mitigate a development over the 30-foot height limit. This SDP is decided in accordance with Process Five, provided that the findings in SDMC section 126.0505 are made. The following Table 1 is a matrix of the proposed deviation:

DEVIATIONS SUMMARY Table 1			
Deviation Description	Deviation from SDMC	Allowed/Required	Proposed
Maximum Height Limit	SDMC Section 132.1306 and Table 132-13A		Development increases height from 141' to 149'

Justification- Other carriers have had WCFs on the site since 1995. The use of the building for the WCFs is preferred as it allows the carriers the additional height to provide service over a larger area. The City of San Diego prefers carriers to collocate on a single structure to reduce the amount of WCF's structures on a parcel. The modification of the existing WCF will provide critical voice and data service throughout the surrounding area. Coverage maps demonstrate the new coverage provided on the property and the loss of coverage without the construction of the WCF (Attachment 10).

The above deviation has been analyzed by staff and determined to be consistent with the goals and recommendations of the City of San Diego's General Plan (UD-A.15), Clairemont Mesa Community Plan, and the purpose and intent of the Wireless Communication Facility Ordinance (SDMC section 141.0420). The project has been designed to integrate into the surrounding community and would not adversely impact the public's health or safety. The new increased service will have a significant beneficial impact on customers and essential emergency communication services.

Conclusion:

The project has been determined by staff to be consistent with the purpose and intent of the Wireless Communication Ordinance (SDMC section 141.0420), the Wireless Design Guidelines, and Council Policy 600-43. City staff has prepared draft findings in affirmative to approve the project and recommends approval of CUP No. 3184904 and SDP No. 3235043 (Attachment4).

ALTERNATIVES

- 1. RECOMMEND the City Council to approve CUP No. 3184904 and SDP No. 3235043, modifications of an existing Wireless Communication Facility; or
- 2. DO NOT RECOMMEND the City Council to approve CUP No. 3184904 and SDP No. 3235043, modifications of an existing Wireless Communication Facility, if the City Council makes written findings based on substantial evidence that the approval is not authorized by state or local zoning law.

Respectfully submitted,

Simon Tse

Supervising Development Project Manager Development Services Department

Nilia Safi

Development Project Manager Development Services Department

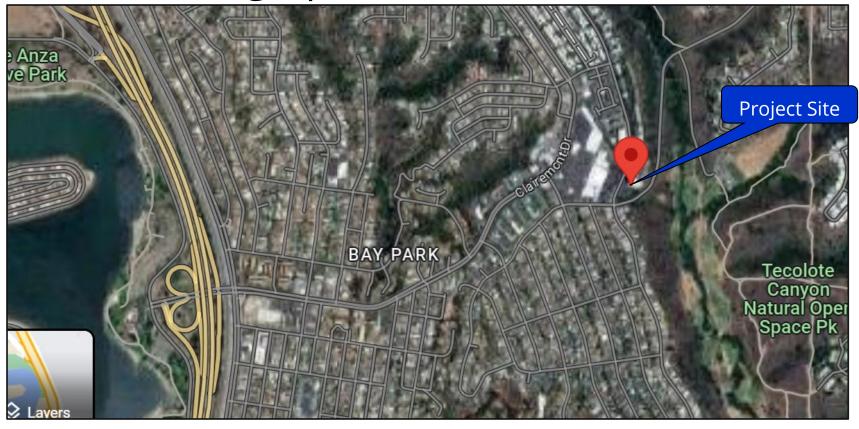
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Attachments:

- 1. Aerial Photographs
- 2. Community Plan Land Use Map Project Location Map
- 3. Draft Permit with Conditions
- 4. Draft Permit Resolution with Findings
- 5. Community Planning Group Vote
- 6. Photo Simulations
- 7. Photo Survey
- 8. Environmental Exemption
- 9. Project Plans
- 10. Site Justification
- 11. Project Ownership Form



Aerial Photograph

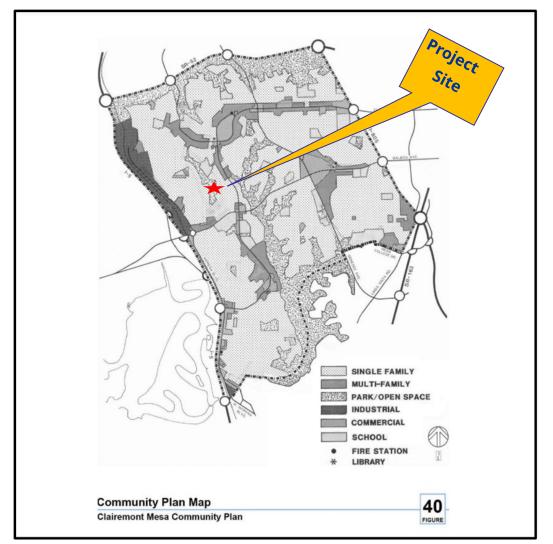




ATC AT&T Tecolote Relo Project No. 1071544 2875 Cowley Way

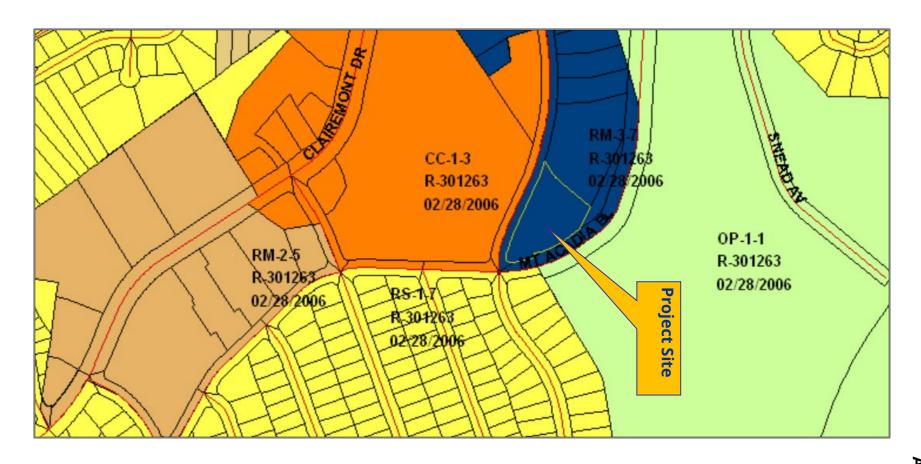


Clairmont Mesa Community Land Use Map

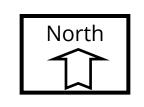




Project Location Map







RECORDING REQUESTED BY
CITY OF SAN DIEGO
DEVELOPMENT SERVICES
PERMIT INTAKE, MAIL STATION
501

Or
WHEN RECORDED MAIL TO
PROJECT MANAGEMENT
PERMIT CLERK
MAIL STATION 501

INTERNAL ORDER NUMBER: 11004545

SPACE ABOVE THIS LINE FOR RECORDER'S USE

CONDITIONAL USE PERMIT No. 3184904 SITE DEVELOPMENT PERMIT No. 3235043 AMERICAN TOWER AT&T TECOLOTE RELO PROJECT NO.1071544 CITY COUNCIL

This Conditional Use Permit (CUP) PMT-3184904 and Site Development Permit PMT- 3235043 is granted by the City Council of the City of San Diego to Sorrento Tower Housing Partner, L.P., Owner, and American Tower Corporation/AT&T, Permittees, pursuant to San Diego Municipal Code [SDMC] Sections 141.0420, 126.0302, 132.0102, 131.0406 and 126.0501. The 1.4-acre site is located at 2875 Cowley Way in the RM-3-7 Zone, and Clairemont Mesa Height Overlay Zone (CMHOZ) within the Clairemont Mesa Community Plan.

The project site is legally described as: Lot 6 of Forest Park Plaza, in the City of San Diego, County of San Diego, State of California, according to map thereof No. 7522, filed in the Office of the County Recorder of San Diego County, January 5, 1973.

Subject to the terms and conditions set forth in this Permit, permission is granted to Owner/ Permittee for a Wireless Communication Facility (WCF) described and identified by size, dimension, quantity, type, and location on the approved exhibits [Exhibit "A"] dated XXXX, 2023, on file in the Development Services Department.

The project shall include:

- Modification of an existing Wireless Communication Facility (WCF), on the roof an existing building behind Fiber Glass Reinforced Panels (FRP); the project consists of removing six (6) antennas and installing nine (9) antenna and upgrading of equipment inside a mechanical room on the 14th floor.
- Public and private accessory improvements determined by the Development Services
 Department to be consistent with the land use and development standards for this site in
 accordance with the adopted community plan, the California Environmental Quality Act
 [CEQA] and the CEQA Guidelines, the City Engineer's requirements, zoning regulations,
 conditions of this Permit, and any other applicable regulations of the SDMC.

Attachment 4

STANDARD REQUIREMENTS:

- 1. This Permit must be utilized within thirty-six (36) months after the date on which all rights of appeal have expired. If this permit is not utilized in accordance with Chapter 12, Article 6, Division 1 of the SDMC within the 36-month period, this permit shall be void unless an Extension of Time has been granted. Any such Extension of Time must meet all SDMC requirements and applicable guidelines in effect at the time the extension is considered by the appropriate decision maker. This permit must be utilized by XXXX, 2026.
- 2. The above utilization date notwithstanding, the granting of this discretionary permit does not entitle the continued operation of the existing, expired facility. Within 60 days of permit approval, applications must be made for all required construction permits. Within 90 days of application, all required construction permits must be issued. Within 90 days of permit issuance, final inspection must be obtained.
- 3. The project complies with the Wireless Communication Facility Guidelines as a Complete Concealment Facility and as a result, the permit does not contain an expiration date. The Owner/Permittees shall maintain the appearance of the approved facility to the condition set forth in this permit unless the WCF that is the subject of this Permit is removed and restored to its original condition.
- 3. No later than ninety (90) days prior to the expiration of this approval, the Owner/Permittee may submit a new application to the Development Services Department for consideration with review and a decision by the appropriate decision maker at that time. Failure to submit prior to the deadline will be cause for enforcement for noncompliance, which may include penalties and fines.
- 4. Under no circumstances does approval of this Permit authorize the Owner/Permittee to utilize this site for WCF purposes beyond the permit expiration date. Use of this Permit approval beyond the expiration date of this permit is prohibited.
- 5. No permit for the construction, occupancy, or operation of any facility or improvement described herein shall be granted, nor shall any activity authorized by this Permit be conducted on the premises until:
 - a. The Owner/Permittee signs and returns the Permit to the Development Services Department; and
 - b. The Permit is recorded in the Office of the San Diego County Recorder.
- 6. While this Permit is in effect, the subject property shall be used only for the purposes and under the terms and conditions set forth in this Permit unless otherwise authorized by the appropriate City decision maker.

Attachment 4

- 7. This Permit is a covenant running with the subject property and all of the requirements and conditions of this Permit and related documents shall be binding upon the Owner/Permittee and any successor(s) in interest.
- 8. The continued use of this Permit shall be subject to the regulations of this and any other applicable governmental agency.
- 9. Issuance of this Permit by the City of San Diego does not authorize the Owner/Permittee for this Permit to violate any Federal, State or City laws, ordinances, regulations or policies including, but not limited to, the Endangered Species Act of 1973 [ESA] and any amendments thereto (16 U.S.C. § 1531 et seq.).
- 10. The Owner/Permittee shall secure all necessary building permits. The Owner/Permittee is informed that to secure these permits, substantial building modifications and site improvements may be required to comply with applicable building, fire, mechanical, and plumbing codes, and State and Federal disability access laws.
- 11. Construction plans shall be in substantial conformity to Exhibit "A." Changes, modifications, or alterations to the construction plans are prohibited unless appropriate application(s) or amendment(s) to this Permit have been granted.
- 12. All of the conditions contained in this Permit have been considered and were determined necessary to make the findings required for approval of this Permit. The Permit holder is required to comply with each and every condition in order to maintain the entitlements that are granted by this Permit.

If any condition of this Permit, on a legal challenge by the Owner/Permittee of this Permit, is found or held by a court of competent jurisdiction to be invalid, unenforceable, or unreasonable, this Permit shall be void. However, in such an event, the Owner/Permittee shall have the right, by paying applicable processing fees, to bring a request for a new permit without the "invalid" conditions(s) back to the discretionary body which approved the Permit for a determination by that body as to whether all of the findings necessary for the issuance of the proposed permit can still be made in the absence of the "invalid" condition(s). Such hearing shall be a hearing de novo, and the discretionary body shall have the absolute right to approve, disapprove, or modify the proposed permit and the condition(s) contained therein.

13. The Owner/Permittee shall defend, indemnify, and hold harmless the City, its agents, officers, and employees from any and all claims, actions, proceedings, damages, judgments, or costs, including attorney's fees, against the City or its agents, officers, or employees, relating to the issuance of this permit including, but not limited to, any action to attack, set aside, void, challenge, or annul this development approval and any environmental document or decision. The City will promptly notify Owner/Permittee of any claim, action, or proceeding and, if the City should fail to cooperate fully in the defense, the Owner/Permittee shall not thereafter be responsible to defend, indemnify, and hold harmless the City or its agents, officers, and employees. The City may elect to conduct its own defense, participate in its own defense, or obtain independent legal counsel in defense of any claim related to this indemnification. In the event of a disagreement between the City and Owner/Permittee regarding litigation issues, the City shall have the authority to control the

Attachment 4

litigation and make litigation related decisions, including, but not limited to, settlement or other disposition of the matter. However, the Owner/Permittee shall not be required to pay or perform any settlement unless such settlement is approved by the Owner/Permittee.

ENGINEERING REQUIREMENTS:

14. Prior to the issuance of any construction permit, the Owner/Permittee shall submit a Water Pollution Control Plan (WPCP). The WPCP shall be prepared in accordance with the guidelines in Part 2 Construction BMP Standards Chapter 4 of the City's Storm Water Standards.

WCF-TELECOM REQUIREMENTS:

- 15. Every aspect of this project is considered an element of concealment including but not limited to the dimensions, bulk and scale, color, materials and texture. Any future modification to this permit must not defeat concealment.
- 16. The WCF shall conform to the approved construction plans.
- 17. Photo simulations shall be printed in color on the construction plans.
- 18. The City may require the Owner/Permittee to provide a topographical survey conforming to the provisions of the SDMC may be required if the City determines during construction, that there may be a conflict between the building(s) under construction and a condition of this Permit or a regulation of the underlying zone. The cost of any such survey shall be borne by the Owner/Permittee.
- 19. The Owner/Permittee shall install and maintain appropriate warning signage on the WCF as required by State and Federal regulations. The Owner/Permittee shall be responsible for complying with all State and Federal regulations.
- 20. The accuracy and validity of the RF Compliance Report, submitted by the Permittee, shall be assured while the WCF is in operation. If requested by the City, Owner/Permittee shall provide an updated RF Compliance Report to address any issues associated with the emitting components of the WCF.
- 21. All equipment, including transformers, emergency generators and air conditioners belonging to the Owner/Permittee shall be designed and operated consistent with the City noise ordinance. Ventilation openings shall be baffled and directed away from residential areas. Vibration resonance of operating equipment in the equipment enclosures shall be eliminated.
- 22. All facilities and related equipment shall be maintained in good working order. Any damaged equipment shall be repaired or replaced within thirty (30) calendar days of notification by the City of San Diego.
- 23. FRP should be textured and painted to match adjacent building faces at all times. Paint and texture should match completely and FRP should include finishing features such as reveals, windows, tapers, cornices, tiling, roofing materials, and/or trim.

- 24. There should be no noticeable transitions between FRP and adjacent surfaces at any time, be they paint, texture, or seam.
- 25. All private outdoor lighting shall be shaded and adjusted to fall on the same premises where such lights are located and in accordance with the applicable regulations in the SDMC.
- 26. The Owner/Permittee shall notify the City within thirty (30) calendar days of the sale or transfer of this site to any other provider or if the site is no longer operational, in which case, the removal and the restoration of this site to its original condition is required.

INFORMATION ONLY:

- Please note that a Telecom Planning Inspection Issue will be placed on the project prior to
 Final Clearance from the City's Building Inspector to ensure compliance with the approved
 plans and associated conditions. Prior to calling for your Final Inspection from your building
 inspection official, please contact the Development Services Department Wireless
 Communication Facilities staff listed on City webpage,
 https://www.sandiego.gov/development-services/codes-regulations/wireless-communication-facilities, to schedule an inspection of the completed facility. Please schedule this
 administrative inspection at least five working days ahead of the requested Final Inspection
 date.
- The issuance of this development permit alone does not allow the immediate commencement
 or continued operation of the proposed use on site. The operation allowed by this
 discretionary permit may only begin or recommence after all conditions listed on this permit
 are fully completed and all required ministerial permits have been issued and received final
 inspection.
- Any party on whom fees, dedications, reservations, or other exactions have been imposed as
 conditions of approval of this permit, may protest the imposition within ninety days of the
 approval of this development permit by filing a written protest with the City Clerk pursuant to
 California Government Code-section 66020.
- This development may be subject to impact fees at the time of construction permit issuance.

APPROVED by the City Council of the City of San Diego on XXXX, 2023 and Resolution No. XXXX.

Permit Type PTS Approvl NO.: CUP No. 3184904

SDP No. 3235043

Date of Approval: XXXX, 2023

AUTHENTICATED BY THE CITY OF SAN DIEC	GO DEVELOPMENT SERVICES DEPARTMENT
Nilia Safi Development Project Manager	
NOTE: Notary acknowledgment must be attached per Civil Code section 1189 et seq.	
	execution hereof, agrees to each and every condition of and every obligation of Owner/Permittee hereunder.
	[Sorrento Tower Housing Partners L.P.] Owner
	By NAME TITLE
	[AT&T] Permittee
	By NAME TITLE
	[AMERICAN TOWER CORPORATION] Permittee

NOTE: Notary acknowledgments must be attached per Civil Code section 1189 et seq.

By _____ NAME: TITLE:

CITY COUNCIL RESOLUTION NO. XXXX Conditional Use Permit (CUP) No. 3184904 Site Development Permit (SDP) No. 3235043

American Tower AT&T TECOLOTE RELO - PROJECT NO. 1071544

WHEREAS, Sorrento Tower Housing Partners, L.P., Owner, and American Tower Corporation and AT&T Mobility, Permittees, filed an application with the City of San Diego for a Conditional Use Permit (CUP) and a Site Development Permit (SDP) for a Wireless Communication Facility (WCF) as American Tower AT&T Tecolote Relo (Project) located at 2875 Cowley Way in the RM-3-7 Zone, and Clairemont Mesa Height Overlay Zone (CMHOZ) within the Clairemont Mesa Community Plan area and legally described as Lot 6 of Forest Park Plaza, in the City of San Diego, County of San Diego, State of California, according to map thereof No. 7522, filed in the Office of the County Recorder of San Diego County, January 5, 1973.;

WHEREAS, on XXXX, 2023, the City of San Diego, as Lead Agency, through the Development Services Department, made and issued an Environmental Determination that the project is exempt from the California Environmental Quality Act (CEQA) (Public Resources Code Section 21000 et seq.) under CEQA Guideline Section 15302 (Replacement or Reconstruction); and there was no appeal of the Environmental Determination filed within the time period provided by San Diego Municipal Code section 112.0520;

WHEREAS, on November 2, 2023, the Planning Commission of the City of San Diego considered Conditional Use Permit (CUP) No. 3184904 and Site Development Permit (SDP) No. 3235043 pursuant to Resolution No. XXXX_PC voted to recommend approval of the Permit; and

WHEREAS, under Charter section 280(a)(2) this Resolution is not subject to veto by the Mayor because this matter requires the City Council to act as a quasi-judicial body and where public hearing was required by implicating the due to process right s of individuals affected by the

decision and where the Council was required by law evidence at the hearing and to make legal findings based on the evidence presented; and

WHEREAS, the Office of the City Attorney has drafted this Resolution based on the information provided by City staff, with the understanding that the information is complete, true, and accurate; NOW, THEREFORE,

BE IT RESOLVED by the City Council of the City of San Diego, that it adopts the following findings with respect to CUP No. 3184904 and SDP No. 3235043:

Findings for CONDITIONAL USE PERMIT [126.0305]:

(1) <u>Findings for all Conditional Use Permits:</u>

a. The proposed development will not adversely affect the applicable land use plan.

The project is a modification of an existing Wireless Communication Facility (WCF) on the roof of an existing apartment building, behind Fiber Glass Reinforced Panels (FRP). The modification consists of removing six (6) antennas and installing nine (9) antennas with upgrading of the equipment inside a mechanical room on the 14th floor.

American Tower and AT&T is requesting a new permit to continue the use of the existing site with a minor modification to remove and replace antennas without any changes to the exterior of the parapet.

The Clairemont Mesa Community Plan defers all WCFs to the WCF Guidelines, regulations and the General Plan. The City of San Diego General Plan requires all wireless facilities to minimize visual impacts under <u>UD-A.15.a</u>. It also includes the following provisions: A) Conceal wireless facilities in existing structures, when possible, otherwise use camouflage and screening techniques to hide or blend them into the surrounding area; B) Design facilities to be aesthetically pleasing and respectful of the neighborhood context; and C) Conceal mechanical equipment and devices associated with wireless facilities in underground vaults or unobtrusive structures.

The project is proposing minor modifications to an existing project that includes removing six antennas and replacing it with nine antennas behind an existing parapet on the roof with minimal impact to the exterior of the parapet. The project design conceals existing structures by using screening techniques, such as FRP screens that are painted and textured to match exiting roof top screens to ensure an aesthetically pleasing set up. All antennas, equipment and cables will be concealed

as required by the <u>WCF Design Guidelines</u> Section <u>2(a)(b)(c)</u> Completely Concealed and Integrated Facilities (CCIFs).

Therefore, the proposed modification of the WCF is minor, will not adversely affect the applicable land use, and is compatible with the City of San Diego General Plan for WCFs.

b. The proposed development will not be detrimental to the public health, safety, and welfare; and

The project is a modification of an existing Wireless Communication Facility (WCF) on the roof of an existing apartment building, behind FRP. The modification consists of removing six (6) antennas and installing nine (9) antennas with upgrading of the equipment inside a mechanical room on the 14th floor.

American Tower and AT&T is requesting a new permit to continue the use of the existing site with a minor modification to remove and replace antennas without any changes to the exterior of the parapet.

The project was determined to be exempt from CEQA Guidelines section 15302 (Replacement or Reconstruction). The conditions of approval for the project will require compliance with several operational constraints and development controls intended to assure continued public health, safety, and welfare. All proposed improvement plans associated with the project will be reviewed prior to issuance of construction permits and inspected during construction to assure the project will meet or exceed all relevant and applicable building, electrical, mechanical, plumbing and fire codes.

The Telecommunication Act of 1996 preempts local governments from regulating the "placement, construction and modification of wireless communication facilities on the basis of the environmental effects of Radio Frequency (RF) emissions to the extent that such facilities comply with the Federal Communication Commission's (FCC) standards for such emissions." The proposed project would be consistent with the FCC's regulations for wireless facilities. AT&T has submitted an RF Report, dated May 16, 2022, demonstrating compliance with the required FCC regulations and Environmental Regulations.

Therefore, based on the above, the project would not result in any significant health or safety risks to the surrounding area within matters of City's jurisdiction.

c. The proposed development will comply with the regulations of the Land Development Code including any allowable deviations pursuant to the Land Development Code.

The project is a modification of an existing WCF on the roof of an existing building, behind Fiber Glass Reinforced Panels (FRP). The modification consists of removing six (6) antennas and installing nine (9) antennas with upgrading of the equipment inside a mechanical room on the 14th floor.

Pursuant to San Diego Municipal Code (SDMC) section 141.0420(e)(1)(2), WCFs should utilize the smallest, least visually intrusive antennas, components, and other necessary equipment. In addition, the applicant shall use all reasonable means to conceal or minimize the visual impacts of the WCFs through integration and installation on existing structures. Integration with existing structures or among other existing uses shall be accomplished through the use of architecture, landscape, and sitting solutions.

The existing building is previously conforming and was constructed prior to the adoption of the CMHLOZ. The height limit in the RM-3-7 Zone is 40-feet. The overall height of the building is 140-feet, 9-inches that includes the 11-feet and 9-inches FRP parapet. The existing WCF permit has expired, and the project is considered a new project to be reviewed under the current Wireless Communication Facility regulations (SDMC section 141.0420). The modification of the antennas behind the FRP will not impact or increase the height of the parapet screen and there is no visual impact to the surrounding areas.

The original permit was approved by the City Council on May 28, 1996. The CUP included a 10-year expiration date to allow for any upgrade and change in technology. The subsequent CUP, approved on March 13, 2012, was a major improvement over what was approved originally because it removed all exposed antennas from the surface of the building and concealed them behind an FRP screen, that was painted to match and architecturally integrate with the building.

American Tower and AT&T is requesting a new permit to continue the use of the existing site with a minor modification to remove and replace antennas without any changes to the exterior of the parapet. The project design conceals existing structures by using screening techniques, such as FRP screens that are painted and textured to match exiting roof top screens to ensure an aesthetically pleasing set up. All antennas, equipment and cables will be concealed as required by the WCF Design Guidelines Section 2(a)(b)(c) Completely Concealed and Integrated Facilities (CCIFs). Therefore the modification is not creating any visual impact and the antennas are screened behind FRP screens as required by our WCF Design Guidelines.

Therefore, the proposed development will comply with the regulations of the Land Development Code including any allowable deviations pursuant to the Land Development Code can be supported due to the design, coverage, and integration.

d. The proposed use is appropriate at the proposed location.

The project is a modification of an existing WCF on the roof of an existing building, behind FRP. The modification consists of removing six (6) antennas and installing nine (9) antennas with upgrading of the equipment inside a mechanical room on the 14th floor.

The original CUP was approved by the City Council in May of 1996. The latest CUP was approved by the City Council in March of 2012 which was a major improvement to the visual appearance of the façade, it pulled together several communication carriers that were scattered on the surface of the building, behind the FRP screens inside a mechanical screen on the roof.

This site is a multi-carrier WCF on the roof of a 14-story apartment complex (a previously conforming structure) located on a Preference 4 location per Council Policy 600-43. The justification for this location is predominately due to the ideal height and surrounding uses. The 14-story tall apartment complex provides an extended coverage footprint as highlighted in the coverage map and presents a design that is fully integrated and concealed resulting in a Complete Concealment Facility (CCF) designation. All CCF results in no future expiration dates. The project design conceals existing structures by using screening techniques, such as FRP screens that are painted and textured to match exiting roof top screens to ensure an aesthetically pleasing set up. All antennas, equipment and cables will be concealed as required by the WCF <u>Design Guidelines Section 2(a)(b)(c)</u> Completely Concealed and Integrated Facilities (CCIFs). Therefore, the proposed use with minor modification is appropriate at this location.

- 2. Findings for the Site Development Permit Section 126.0505
- (a) The proposed development will not adversely affect the applicable land use plan.

See Finding 1. (a)

(b) The proposed development will not be detrimental to the public health, safety, and welfare; and

See Finding 1. (b)

(c) The proposed development will comply with the regulations of the Land Development Code including any allowable deviations pursuant to the Land Development Code.

The project is a modification of an existing Wireless Communication Facility (WCF) on the roof of an existing building, behind Fiber Glass Reinforced Panels (FRP). The modification consists of removing six (6) antennas and installing nine (9) antennas and upgrading of the equipment inside a mechanical room on the 14-floor.

Pursuant to SDMC section <u>126.0502 (e)(3)</u> a Site Development Permit (SDP) approval a Process Five City Council approval is required for development in the Clairemont Mesa Height Limit Overlay Zone (CMHLOZ), for which an exception to the height limit is requested. Processing of this SDP meets the requirement.

The original Conditional Use Permit (CUP) was approved by the City Council on May 28, 1996. The CUP had a 10-year expiration date, to allow for upgrades and changes to the technology and regulations. The latest CUP was approved by the City Council, on March 13, 2012, which was a major improvement to the visual appearance of the façade. It combined multiple communication carriers -that were scattered on the roof and façade of the building- behind the FRP designed mechanical screen on the roof.

The overall height of the building is 140-feet, 9-inches. The building is previously conforming and was constructed prior to the adoption of the (CMHLOZ). This site is a multi-carrier WCF on the roof of a 14-story apartment complex, a previously conforming structure that hides the antennas behind the existing FRP. The height limit in the RM-3-7 zone is 40-feet. The existing building height, while non-conforming to the CMHOZ, is ideal for a WCF to provide service to the surrounding areas, compared to the other adjacent properties that do not have the desired elevation.

The modification of the antennas does not impact the height of the existing building including the mechanical screen, therefor the proposed development will comply with the regulations of the Land Development Code including any allowable deviations pursuant to the Land Development Code.

Supplemental Findings--Clairemont Mesa Height Limit

(1) The granting of an exception will not significantly interfere with public views from western Clairemont Mesa to Mission Bay and the Pacific Ocean within the surrounding area;

The 14-story apartment building is located at the top of the ridge that is more than a mile from Mission Bay. The property drops down to a canyon to the east, so there is no impact to the view in the west. The building was constructed in 1989 prior to the adoption of the CMHLOZ. The modification of the antennas are inside the mechanical screen on the roof, and it will not have any impact to the existing structure. Therefore, due to the height and location of the building granting of an exception will not significantly interfere with public views from western Clairemont Mesa to Mission Bay and the Pacific Ocean within the surrounding area.

(2) The granting of an exception is appropriate because there are existing structures over 30 feet in height and the proposed development will be compatible with surrounding one, two, or three-story structures; or the granting of an exception is appropriate because there are topographic constraints peculiar to the land; or the granting of the exception is needed to permit roofline and facade variations, accents, tower elements, and other similar elements and the elements will not increase the floor area of the structure.

ATTACHMENT 5

The 14-story apartment building is located at the top of the ridge that is more than a mile from Mission Bay. The property drops down to a canyon to the east, so there is no impact to the view in the west. The building was constructed in 1989 prior to the adoption of the CMHLOZ. The modification of the antennas are inside the mechanical screen on the roof, and it will not have any impact to the existing structure.

The above findings are supported by the minutes, maps and exhibits, all of which are incorporated herein by this reference.

BE IT FURTHER RESOLVED that, based on the findings hereinbefore adopted by the City

Council, CUP No. 3184904 and SDP No. 3235043 is hereby GRANTED to SORRENTO TOWER

HOUSING PARTNERS LP, Owner and AMERICAN TOWER CORPORATION and AT&T, Permittees, under the terms and conditions set forth in the attached permit which is made a part of this resolution.

APPROVED: XXX, City Attorney
Ву
[Attorney]
Deputy City Attorney
[Initials]:[Initials] [Month]/[Day]/[Year] Or.Dept:[Dept
R-R-[Reso Code]

SD

Page 3

City of San Diego · Information Bulletin 620

August 2018



Community Planning Committee Distribution Form

20)	1222 First Ave., MS-302 San Diego, CA 92101 Form				
Project Name: Sorrento Tower Ce	ll Antenna	.,	Project Numbe PRJ:1071544	r:	
Community: Clai	remont Mesa				
	log into Op	d contact information of the contact information of the contact information of the contact in th	/aca.accela.com/	/SANDIE	
	ve ve with Conditions Listed Below ve with Non-Binding Recommendations Listed Below				
# of Members Yes 4		# of Members N		# of Me	mbers Abstain 0
Conditions or Reco Motion to Approve					
☐ No Action (Please specify, e.g	No Action Please specify, e.g., Need further information, Split vote, Lack of quorum, etc.)				
NAME: Nicholas W	/illiam Reed				
TITLE: CCPG Cha	air			DATE:	May 23, 2023
	Attach additio	nal pages if neces	sary (maximum 3	3 attachn	nents).



SD0880 TECOLOTE RELO 2875 COWLEY WAY,

SAN DIEGO, CA 92110

Attachemnt 7



LOCATION

EXISTING



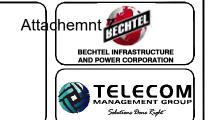


PROPOSED





SD0880 TECOLOTE RELO 2875 COWLEY WAY, SAN DIEGO, CA 92110



LOCATION



EXISTING



PROPOSED





SD0880 TECOLOTE RELO 2875 COWLEY WAY, SAN DIEGO, CA 92110

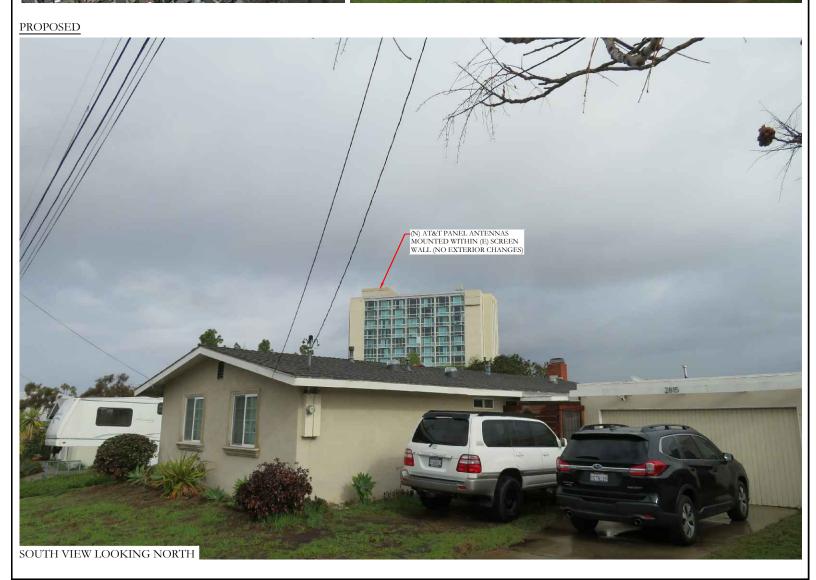


LOCATION

OCATION PAGE SITE TO A SI

EXISTING







Photographic Survey Key Map

AT&T Site ID: CAL00880 Address: 2875 Cowley Way,

San Diego, CA 92110

RESOLUTION NUMBER R-	
DATE OF FINAL PASSAGE	

A RESOLUTION OF THE COUNCIL OF THE CITY OF
SAN DIEGO DETERMINING THAT THE APPROVAL OF CUP AND SDP
TECOLOTE RELO PROJECT (PRJ# 1071544) IS CATEGORICALLY
EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT
PURSUANT TO CEQA GUIDELINES SECTION 15302 (Replacement or
Reconstruction)

WHEREAS, the project proposes to replace six antennas, install three new antennas, install one surge protector, replace one power plant and install 12 new rectifiers within an existing cabinet at an existing Wireless Communication Facility (WCF). The antenna level equipment will be concealed behind 8-foot-high Fiberglass reinforced plastic (FRP) screens. Additionally, the project includes ancillary equipment for support to the Wireless Communications Facility. The 104-square foot equipment enclosure is located on the 14th floor of a residential building and is located at 2875 Cowley Way in the RM-3-7 zone, the FAA Part 77 Noticing Area, ALUCP- Montgomery Field Review Area 2, the Clairemont Mesa Height Limit Overlay Zone, the Clairemont Mesa Community Plan; and

WHEREAS, the California Environmental Quality Act (CEQA) (Public Resources Code section 21000 et seq.), section 21084, states that the CEQA Guidelines thereto (California Code of Regulations, Title 14, Chapter 3, Section 15000 et seq.) shall list those classes of projects which have been determined not to have a significant effect on the environment and which shall be exempt from CEQA; and

WHEREAS, pursuant to that authority, CEQA Guidelines sections 15300-15333 list the categorical exemptions promulgated by the California Office of Planning and Research and adopted by the Secretary of the California Natural Resources Agency for those classes of Projects which have been determined not to have a significant effect on the environment; and

WHEREAS, the Development Services Department has established that the project is categorically exempt from CEQA pursuant to CEQA Guidelines section 15302 (Replacement or Reconstruction) and that no exception to the exemption, as set forth in CEQA Guidelines section 15300.2, applies to the project; and

WHEREAS, the Council of the City of San Diego has considered the potential environmental effects of the Project, and

WHEREAS, on DATE, the City Council held a duly noticed public meeting and considered the written record for the Project as well as public comment; and

WHEREAS, the Council of the City of San Diego, using its independent judgment, has determined that the project meets the criteria set forth in CEQA Section 15302 (Replacement or Reconstruction),

WHEREAS, CEQA Section 15302 (Replacement or Reconstruction) allows for the replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site and will have substantially the same purpose and capacity as the structure being replaced. The proposed project would replace existing WCF equipment with new equipment and would not expand the use of the WCF. Since the project would occur on the same developed site as the existing WCF no environmental impacts would occur and none of the exceptions described in CEQA Guidelines Section 15300.2 apply.

WHEREAS, under Charter section 280(a)(2) this Resolution is not subject to veto by the Mayor because this matter requires the City Council to act as a quasi-judicial body and where a public hearing was required by law implicating due process rights of individuals affected by the decision and where the City Council was required by law to consider evidence at the hearing and to make legal findings based on the evidence presented; and

WHEREAS, the Office of the City Attorney has drafted this Resolution based on the information provided by City staff, with the understanding that the information is complete, true, and accurate; NOW, THEREFORE,

BE IT RESOLVED, that the Council of the City of San Diego determines that the Project is categorically exempt from CEQA pursuant to CEQA Guidelines section 15302 (Replacement or Reconstruction); and,

BE IT FURTHER RESOLVED, that the Council of the City of San Diego has determined that an exception to the exemption as set forth in CEQA Guidelines section 15300.2 does not apply.

BE IT FURTHER RESOLVED, that the City Clerk is directed to file a Notice of Exemption regarding the Project with the Clerk of the Board of Supervisors for the County of San Diego.

APPRO\	VED:			
By:				
	, [DEPUTY CITY ATT	ORNEY or DEVI	 ELOPMENT PROJ	ECT MANAGER]

SYMBOLS/ABBREVIATIONS LEGEND

EXISTING

PROPOSED

VERIFY IN FIELD

ABOVE GRADE LINE

FINISH GRADE LINE

CENTERLINE

QUANTITY

AZIMUTH

HEIGHT

REMOTE RADIO UNIT

RADIO BASE STATION

FIBER-REINFORCED POLYMER

PROJECT TEAM

PROJECT MANAGER

BECHTEL INFRASTRUCTURE AND POWER CORPORATION 16808 ARMSTRONG AVENUE SUITE 225, IRVINE, CA 92606 CONTACT: DAN LEISGE (619) 213-1407

SITE ACQUISITION CONTACT: REBECCA KAPONO

dleisge@bechtel.com

Rakapono@bechtel.com RF ENGINEER

PHONE: 808-250-2261

ZONING

(858) 248-7678

ENGINEER

CONTACT: REBECCA KAPONO PHONE: 808-250-2261 Rakapono@bechtel.com

TELECOM MANAGEMENT GROUP 302 WASHINGTON ST., #150-6850

SAN DIEGO, CA 92103

CONTACT: EDGARDO ORTIZ

edgar.ortiz@telecommg.com

CONTACT: RAVI JINDAL PHONE: 925-922-4394 rj096d@att.com

CONSTRUCTION MANAGER CONTACT: B.J. ACOBA PHONE: (951) 764-6916

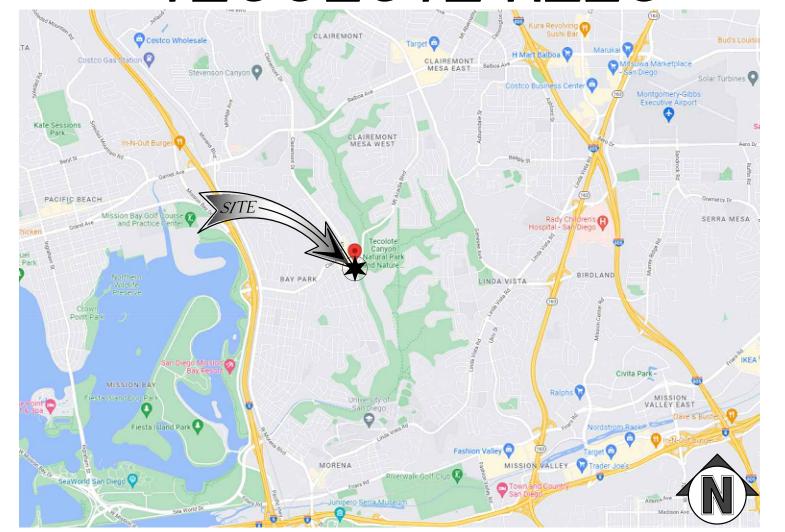
bacoba@Bechtel.com

SITE INFORMATION

10549362 USID#: MRSDL037232

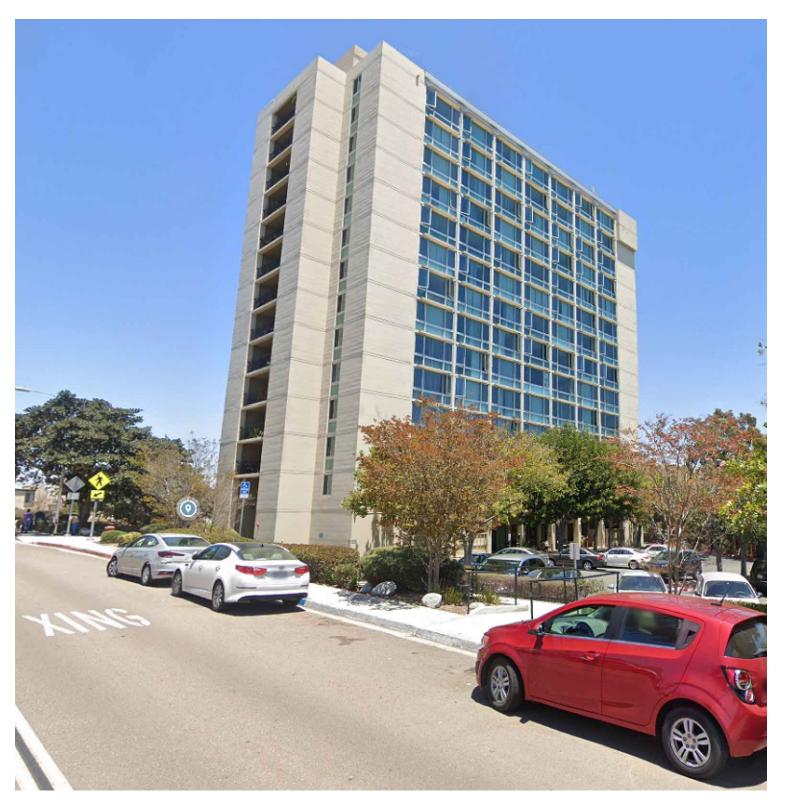
PLAN REVISION				
REV	DATE	DESCRIPTION		
Α	02/10/22	ISSUED FOR REVIEW		
0	03/01/22	ISSUED FOR REVIEW		
1	04/11/22	FINAL CD		

BUILDING PERMIT PLAN FOR: TECOLOTE RELO



VICINITY MAP

NOT TO SCALE



SITE IMAGE

NOT TO SCALE

DIRECTIONS TO SITE

FROM AT&T OFFICE: 7337 TRADE ST, SAN DIEGO, CA 92121

GET ON I-805 S FROM CAMINO SANTA FE AND MIRAMAR RD. HEAD WEST ON TRADE ST TOWARD CAMINO SANTA FE. TURN LEFT ONTO CAMINO SANTA FE. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO MIRAMAR RD. TURN RIGHT TO MERGE ONTO I-805 S. CONTINUE ON I-805 S. TAKE CA-163 S TO FRIARS RD. TAKE EXIT 4 FROM CA-163 S. MERGE ONTO I-805 S. USE THE RIGHT 2 LANES TO TAKE EXIT 20 TO MERGE ONTO CA-163 S TOWARD DOWNTOWN. TAKE EXIT 4 FOR FRIARS RD. FOLLOW FRIARS RD AND VIA LAS CUMBRES TO YOUR DESTINATION. USE THE LEFT 2 LANES TO TURN LEFT ONTO FRIARS RD. TURN RIGHT ONTO VIA LAS CUMBRES. TURN LEFT ONTO LINDA VISTA RD. TURN RIGHT. TURN LEFT.

OWNER/APPLICANT

AT&T MOBILITY

7337 TRADE STREET, SAN DIEGO, CA 92121 1(858)886-3122

SITE ADDRESS

2875 COWLEY WAY, SAN DIEGO, CA 92110

SHEET INDEX

DESCRIPTION SHEET DC

COVER SHEET

STORM WATER QUALITY NOTES - CONSTRUCTION BMP'S

NOT USED

PHOTO SIMULATIONS

LETTER OF AUTHORIZATION

GENERAL NOTES, LEGEND AND ABBREVIATIONS

SITE PLAN

ENLARGED ROOF PLAN

EQUIPMENT PLAN

ANTENNA PLAN & SCHEDULE

ELEVATIONS

ELEVATIONS ELEVATIONS

ELEVATIONS

DETAILS

DETAILS

AC PANEL SCHEDULE

GROUNDING PLANS, DETAILS & NOTES

DISCIPLINE CODE(DC) GENERAL G STRUCTURAL S ELECTRICAL E CIVIL LANDSCAPE L MECHANICAL M

SITE INFORMATION

TRAFFIC T

LATITUDE32° *32° 47′ 39" N* 117° 11′ 28″ W LONGTITUDE

RM-3-7 RESIDENTIAL CLAIREMONT ZONING

ARCHITECTURAL A

HEIGHT OVERLAY ZONE JURISDICTION CITY OF SAN DIEGO 425-670-13 PARCEL NUMBER

TYPE OF CONSTRUCTION TYPE IA OCCUPANCY

CODE COMPLIANCE

THIS PROJECT SHALL COMPLY WITH THE FOLLOWING GOVERNING CODES: 2019 CALIFORNIA BUILDING CODE

SAN DIEGO

2019 CALIFORNIA RESIDENTIAL CODE 2019 CALIFORNIA MECHANICAL CODE 2019 CALIFORNIA ELECTRICAL CODE

2019 CALIFORNIA PLUMBING CODE 2019 CALIFORNIA GREEN BUILDING CODE 2019 CALIFORNIA ENERGY CODE

The City of

2019 CALIFORNIA EXISTING BUILDING CODE

TITLE SHEET FOR:

TECOLOTE RELO

Legal Description: TR 5353 LOT 111+

SCOPE OF WORK

TOWER WORK:

EQUIPMENT AREA WORK

• REMOVE (E) POWER PLANT

REMOVE ALL BATTERY MODULES

AT&T WIRELESS PROPOSES TO MODIFY AN EXISTING WIRELESS

• INSTALL (1) DC9 SURGE PROTECTOR PER SECTOR, TOTAL OF (3)

INSTALLATION. THE SCOPE WILL CONSIST OF THE FOLLOWING:

• REMOVE (2) ANTENNA PER SECTOR. TOTAL OF (6)

• INSTALL (3) ANTENNA PER SECTOR. TOTAL OF (9)

• INSTALL NEW DC POWER PLANT W/ (12) RECTIFIERS

• INSTALL (1) HSN-8300NA IN (E) TELCO RACK

• INSTALL (3) #6AWG DC POWER TRUNKS

• INSTALL (20) BATTERY MODULES IN (E) BATTERY RACK

SHEET 1 OF 18 SHEETS

PMT NO.







	CONSTRUCTION CHANGE TABLE			
	CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	CC NO.
ولناآن				
FRASTRUCTURE				
CORPORATION				

SCALE : N/A

DEVELOPMENT SERVICES DEPARTMENT



STORM WATER QUALITY NOTES-CONSTRUCTION BMPs

PRIOR TO ANY SOIL DISTURBANCE, TEMPORARY EROSION AND SEDIMENT CONTROLSHALL BE INSTALLED BY THE CONTRACTOR OR QUALIFIED PERSON(S) AS INDICATED BELOW:

- 1. ALL REQUIREMENTS OF THE CITY OF SAN DIEGO "LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND/OR WATER POLLUTION CONTROL PLAN (WPCP) FOR CONSTRUCTION LEVEL BMP'S AND, IF APPLICABLE, THE STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) FOR POST CONSTRUCTION TREATMENT CONTROL BMP'S.
- 2. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL STORM DRAIN INLETS. INLET PROTECTION IN THE PUBLIC RIGHT OF WAY MAY BE TEMPORARILY REMOVED WHERE IT IS PRONE TO FLOODING PRIOR TO A RAIN EVENT AND REINSTALLED AFTER RAIN IS OVER.
- 3. ALL CONSTRUCTION BMPS SHALL BE INSTALLED AND PROPERLY MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
- 4. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING, AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION AND SEDIMENT CONTROL MEASURES.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SUB-CONTRACTORS AND SUPPLIERS ARE AWARE OF ALL STORM WATER QUALITY MEASURES AND IMPLEMENT SUCH MEASURES. FAILURE TO COMPLY WITH THE APPROVED SWPPP/WPCP WILL RESULT IN THE ISSUANCE OF CORRECTION NOTICES, CITATIONS, CIVIL PENALTIES AND/OR STOP WORK NOTICES.
- 6. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF ALL SILT, DEBRIS AND MUD ON AFFECTED AND ADJACENT STREET(S) AND WITHIN STORM DRAIN SYSTEM DUE TO CONSTRUCTION VEHICLES/EQUIPMENT AND CONSTRUCTION ACTIVITY AT THE END OF EACH WORK DAY.
- 7. THE CONTRACTOR SHALL PROTECT NEW AND EXISTING STORM WATER CONVEYANCE SYSTEMS FROM SEDIMENTATION, CONCRETE RINSE, OR OTHER CONSTRUCTION RELATED DEBRIS AND DISCHARGES WITH THE APPROPRIATE BMPS THAT ARE ACCEPTABLE TO THE ENGINEER AND AS INDICATED IN THE SWPPP/WPCP
- 8. THE CONTRACTOR OR QUALIFIED CONTACT PERSON SHALL CLEAR DEBRIS, SILT, AND MUD FROM ALL DITCHES AND SWALES PRIOR TO AND WITHIN 3 BUSINESS DAYS AFTER EACH RAIN EVENT OR PRIOR TO THE NEXT RAIN EVENT, WHICHEVER IS SOONER.
- 9. IF A NON-STORMWATER DISCHARGE LEAVES THE SITE, THE CONTRACTOR SHALL IMMEDIATELY STOP THE ACTIVITY AND REPAIR THE DAMAGES. THE CONTRACTOR SHALL NOTIFY THE CITY RESIDENT ENGINEER OF THE DISCHARGE, PRIOR TO RESUMING CONSTRUCTION ACTIVITY. ANY AND ALL WASTE MATERIAL, SEDIMENT, AND DEBRIS FROM EACH NON-STORMWATER DISCHARGE SHALL BE REMOVED FROM THE STORM DRAIN CONVEYANCE SYSTEM AND PROPERLY DISPOSED OF BY THE CONTRACTOR. .
- 10. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID DEPLOYMENT OF CONSTRUCTION BMPS WHEN RAIN IS IMMINENT.
- 11. THE CONTRACTOR SHALL RESTORE AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPS TO WORKING ORDER YEAR ROUND.
- 12. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES DUE TO GRADING INACTIVITY OR UNFORESEEN CIRCUMSTANCES TO PREVENT NON—STORM WATER AND SEDIMENT—LADEN DISCHARGES.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- 14. ALL EROSION AND SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED SWPPP/WPCP SHALL BE INSTALLED AND MAINTAINED. ALL EROSION AND SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE PROPERLY DOCUMENTED AND INSTALLED TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- 15. UPON NOTIFICATION BY THE RESIDENT ENGINEER, THE CONTRACTOR SHALL ARRANGE FOR MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION AND SEDIMENT CONTROL MEASURES AND OTHER BMPS RELATIVE TO ANTICIPATED CONSTRUCTION ACTIVITIES.
- 16. THE CONTRACTOR SHALL CONDUCT VISUAL INSPECTIONS DAILY AND MAINTAIN ALL BMPS AS NEEDED. VISUAL INSPECTIONS AND MAINTENANCE OF ALL BMPS SHALL BE CONDUCTED BEFORE, DURING AND AFTER EVERY RAIN EVENT AND EVERY 24 HOURS DURING ANY PROLONGED RAIN EVENT. THE CONTRACTOR SHALL MAINTAIN AND REPAIR ALL BMPS AS SOON AS POSSIBLE AS SAFETY ALLOWS.
- 17. CONSTRUCTION ENTRANCE AND EXIT AREA. TEMPORARY CONSTRUCTION ENTRANCE AND EXITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CASQA FACT SHEET TC-10R CALTRANS FACT SHEET TC-01 TO PREVENT TRACKING OF SEDIMENT AND OTHER POTENTIAL POLLUTANTS ONTO PAVED SURFACES AND TRAVELED WAYS. WIDTH SHALL BE 10'OR THE MINIMUM NECESSARY TO ACCOMMODATE VEHICLES AND EQUIPMENT WITHOUT BY PASSING THE ENTRANCE.
- (a) NON—STORMWATER DISCHARGES SHALL BE EFFECTIVELY MANAGED PER THE SAN DIEGO MUNICIPAL CODE CHAPTER 4, ARTICLE 3, DIVISION 3 "STORM WATER MANAGEMENT AND DISCHARGE CONTROL".

TITLE SHEET FOR:	
TECOLOTE REL	.0
Legal Description: TR 5353 LOT 111+	
SHEET 2 OF 18 SHEETS	PRJ NO.
SHEET Z OF RO SHEETS	PMT NO
SED ARCHING MICHAEL SHEWBRIDGE No. C-19797	<i>G2</i>





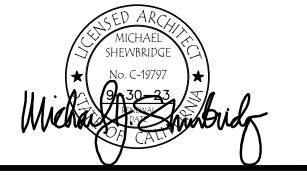


			CONSTRUCTION CHANGE TABLE	
	CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	CC NO.
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The City of





NOT USED

TITLE SHEET FOR: TECOLOTE RELO

Legal Description: TR 5353 LOT 111+

SHEET **3** OF **18** SHEETS

G3







T.			CONSTRUCTION CHANGE TABLE		
	CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	CC NO.	
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REDUCE					_
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EL INFRASTRUCTURE					_
OWER CORPORATION					

SCALE : N/A

The City of SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

PHOTOSIMULATIONS







TITLE SHEET FOR:

Legal Description: TR 5353 LOT 111+





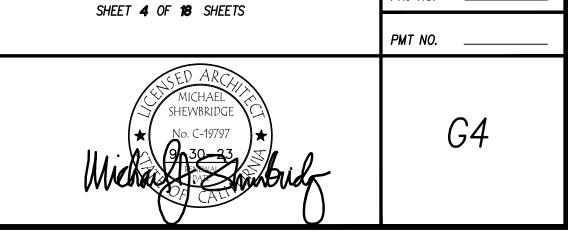


T>	CONSTRUCTION CHANGE TABLE				
	CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS		
RASTRUCTURE					
CORPORATION					



SCALE : N/A





TECOLOTE RELO

LETTER OF AUTHORIZATION



LETTER OF AUTHORIZATION

LICENSEE NAME: NEW CINGULAR WIRELESS PCS, LLC dba AT&T MOBILITY
ATC SITE # / NAME / PROJECT #: 8577 / MISSION BAY-SORRENTO TOWERS CA / OAA777910
SITE ADDRESS: 2875 COWLEY WAY, SAN DIEGO, CA 92110-1008
APN: 425-670-13-00

I, ______ of SORRENTO TOWER HOUSING PARTNERS L P (Lessor, Property Owner, and or duly authorized agent thereof) of the property identified above do hereby authorize **NEW CINGULAR WIRELESS PCS, LLC dba AT&T MOBILITY,** American Tower*, their parents, subsidiaries, affiliates, successors, assigns, contractors, and agents, to act as my non-exclusive agent for the sole purpose of filing and consummating any current or future land-use or construction permit application(s) as may be required by the applicable permitting authorities for the scope of work as outlined below.

TOWER WORK:

- REMOVE (2) ANTENNA PER SECTOR. TOTAL OF (6)
- INSTALL (3) ANTENNA PER SECTOR. TOTAL OF (9)
- INSTALL (1) DC9 SURGE PROTECTOR PER SECTOR, TOTAL OF (3)

EQUIPMENT AREA WORK

- REMOVE (E) POWER PLANT
- REMOVE ALL BATTERY MODULES
- INSTALL NEW DC POWER PLANT W/ (12) RECTIFIERS
- INSTALL (20) BATTERY MODULES IN (E) BATTERY RACK
- INSTALL (1) HSN-8300NA IN (E) TELCO RACK
- INSTALL (3) #6AWG DC POWER TRUNKS

Signature

Print Name: Casey Haeling - Manager
SORRENTO TOWER HOUSING PARTNERS L P

SCALE : N/A

NOTARY BLOCK (See California Acknowledgement Attached)

*American Tower as used herein includes any affiliates or subsidiaries of American Tower Corporation

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TITLE SHEET FOR:

TECOLOTE RELO

Legal Description: TR 5353 LOT 111+

SHEET **5** OF **18** SHEETS

PMT NO. _____

G5



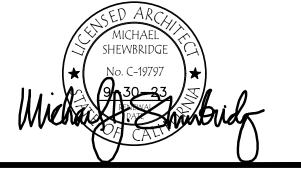




		CONSTRUCTION CHANGE TABLE	
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	CC NO.







GENERAL CONSTRUCTION NOTES

- FOR THE PURPOSE OF CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY: GENERAL CONTRACTOR - SEE PROJECT TEAM IN TITLE SHEET SUBCONTRACTOR - CONTRACTOR (CONSTRUCTION)
- 2. ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND AT&T PROJECT SPECIFICATIONS.
- GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL VISIT THE SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS. GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK. VERIFY WITH SITE OWNER IF A PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE PROCEEDING WITH ANY CONSTRUCTION.
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. GENERAL CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF WORK.
- ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
- UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS THE MINIMUM REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS, SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK. DETAILS ARE INTENDED TO SHOWN DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF WORK AND PREPARED BY THE ENGINEER PRIOR TO PROCEEDING WITH WORK.
- THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE ENGINEER AND DSA PRIOR TO
- 10. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFIRM TO ALL OSHA REQUIREMENTS AND AS PER CALIFORNIA BUILDING CODE CHAPTER 33 AS STATED IN
- 11. GENERAL CONTRACTOR SHALL COORDINATE WORK AND SCHEDULE WORK ACTIVITIES WITH OTHER DISCIPLINES.
- ERECTION SHALL BE DONE IN A WORKMANLIKE MANNER BY COMPETENT EXPERIENCED WORKMAN IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST ACCEPTED PRACTICE. ALL MEMBERS SHALL BE LAID PLUMB AND TRUE AS INDICATED ON THE DRAWINGS.
- 13. SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH UL LISTED MATERIALS APPROVED BY LOCAL JURISDICTION. SUBCONTRACTOR SHALL KEEP AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DEBRIS.
- 14. WORK PREVIOUSLY COMPLETED IS REPRESENTED BY LIGHT SHADED LINES AND NOTES. THE SCOPE OF WORK FOR THIS PROJECT IS REPRESENTED BY DARK SHADED LINES AND NOTES. SUBCONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY EXISTING CONDITIONS THAT DEVIATE FROM THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.
- 15. SUBCONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE CONSTRUCTION MANAGER 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
- 16. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION
- 17. THE SUBCONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION
- 18. GENERAL CONTRACTOR SHALL COORDINATE AND MAINTAIN ACCESS FOR ALL TRADES AND SUBCONTRACTORS TO THE SITE AND/OR BUILDING.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY OF THE SITE FOR THE DURATION OF CONSTRUCTION UNTIL JOB COMPLETION.
- 20. THE GENERAL CONTRACTOR SHALL MAINTAIN IN GOOD CONDITION ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES.
- 21. THE GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A OT 2-A:10-B:C AND SHALL BE WITHIN 25 FEET OF TRAVEL DISTANCE TO ALL PORTIONS OF WHERE THE WORK IS BEING COMPLETED DURING CONSTRUCTION.
- 22. ALL NECESSARY RUBBISH, STUMPS, DEBRIS, STICKS, STONES, AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER.
- 23. ALL BROCHURES, OPERATING AND MAINTENANCE MANUALS, CATALOGS, SHOP DRAWINGS, AND OTHER DOCUMENTS SHALL BE TURNED OVER TO THE GENERAL CONTRACTOR AT COMPLETION OF CONSTRUCTION AND
- 24. SUBCONTRACTOR SHALL SUBMIT A COMPLETE SET OF AS-BUILT REDLINES TO THE GENERAL CONTRACTOR UPON COMPLETION OF PROJECT AND PRIOR TO FINAL PAYMENT.
- 25. SUBCONTRACTOR SHALL LEAVE PREMISES IN A CLEAN CONDITION.
- 26. THE PROPOSED FACILITY WILL BE UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SEWER SERVICE. AND IS NOT FOR HUMAN HABITAT (NO HANDICAP ACCESS REQUIRED).
- 27. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH, BY AT&T TECHNICIANS.
- 28. NO OUTDOOR STORAGE OR SOLID WASTE CONTAINERS ARE PROPOSED.
- 29. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST REVISION AT&T MOBILITY GROUNDING STANDARD "TECHNICAL SPECIFICATION FOR CONSTRUCTION OF GSM/GPRS WIRELESS SITES" AND "TECHNICAL SPECIFICATION FOR FACILITY GROUNDING". IN CASE OF A CONFLICT BETWEEN THE CONSTRUCTION SPECIFICATION AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN.
- 30. SUBCONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS REQUIRED FOR CONSTRUCTION. IF SUBCONTRACTOR CANNOT OBTAIN A PERMIT, THEY MUST NOTIFY THE GENERAL CONTRACTOR
- 31. SUBCONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
- 32. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND/OR DRAWINGS PROVIDED BY THE SITE OWNER. CONTRACTORS SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
- 33. NO WHITE STROBIC LIGHTS ARE PERMITTED. LIGHTING IF REQUIRED, WILL MEET FAA STANDARDS AND REQUIREMENTS.
- 34. ALL FIBER/POWER CABLE INSTALLATIONS TO FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
- 35. NO NOISE, SMOKE, DUST, ODOR, OR VIBRATIONS WILL RESULT FROM THIS FACILITY
- 36. NO LANDSCAPING IS PROPOSED AT THIS SITE.
- 37. CONTRACTOR OPERATIONS SHALL NOT BLOCK, HINDER, IMPEDE OR OTHERWISE INHIBIT THE USE OF REQUIRED EXITS AT ANY TIME. CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED ACCESS TO FIRE EXTINGUISHERS, FIRE HYDRANTS, TEMPORARY FIRE PROTECTION FACILITIES, STAIRWAYS AND OTHER ACCESS ROUTES FOR FIRE-FIGHTING EQUIPMENT AND OR PERSONNEL.

PART 1 — GENERAL

1.1 GENERAL CONDITIONS:

- CONTRACTOR SHALL INSPECT THE EXISTING SITE CONDITIONS PRIOR TO SUBMITTING BID. ANY QUESTIONS ARISING DURING THE BID PERIOD IN REGARDS TO THE SUBCONTRACTORS FUNCTIONS, THE SCOPE OF WORK, OR ANY OTHER ISSUE RELATED TO THIS PROJECT SHALL BE BROUGHT UP DURING THE BID PERIOD WITH THE PROJECT MANAGER FOR CLARIFICATION, NOT AFTER THE CONTRACT HAS BEEN AWARDED.
- THE SUBCONTRACTOR SHALL OBTAIN PERMITS, LICENSES, MAKE ALL DEPOSITS, AND PAY ALL FEES REQUIRED FOR THE CONSTRUCTION PERFORMANCE FOR THE WORK UNDER THIS SECTION.
- DRAWINGS SHOW THE GENERAL ARRANGEMENT OF ALL SYSTEMS AND COMPONENTS COVERED UNDER THIS SECTION. THE SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS. DRAWING SHALL NOT BE SCALED TO
- 1.2 LAWS, REGULATIONS, ORDINANCES, STATUTES AND CODES.
- ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2016 EDITION CALIFORNIA ELECTRICAL CODE, AND ALL APPLICABLE LOCAL LAWS, REGULATIONS, ORDINANCES, STATUTES AND CODES. CONDUIT BENDS SHALL BE THE RADIUS BEND FOR THE TRADE SIZE OF CONDUIT IN COMPLIANCE WITH THE LATEST EDITIONS
- OF NEC. 1.3 REFERENCES:
- A. THE PUBLICATIONS LISTED BELOW ARE PART OF THIS SPECIFICATION. EACH PUBLICATION SHALL BE THE LATEST REVISION AND ADDENDUM IN EFFECT ON THE DATE. THIS SPECIFICATION IS ISSUED FOR CONSTRUCTION UNLESS OTHERWISE NOTED. EXCEPT AS MODIFIED BY THE REQUIREMENT SPECIFIED HEREIN OR THE DETAILS OF THE DRAWINGS, WORK INCLUDED IN THIS SPECIFICATION SHALL CONFORM TO THE APPLICABLE PROVISION OF THESE PUBLICATIONS.
 - 1. ANSI/IEEE (AMERICAN NATIONAL STANDARDS INSTITUTE)
 - 2. ASTM (AMERICAN SOCIETY FOR TESTING AND MATERIALS) 3. ICE (INSULATED CABLE ENGINEERS ASSOCIATION)
 - 4. NEMA (NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION) 5. NFPA (NATIONAL FIRE PROTECTION ASSOCIATION)
 - 6. OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION)
- 7. UL (UNDERWRITERS LABORATORIES. INC.) 8. AT&T GROUNDING AND BONDING STANDARDS TP-76416 9. TITLE 24 CCR

BE SUBMITTED AT COMPLETION OF THE PROJECT.

- WORK UNDER THIS SECTION SHALL CONSIST OF FURNISHING ALL LABOR, MATERIAL, AND ASSOCIATED SERVICES REQUIRED TO COMPLETE REQUIRED CONSTRUCTION AND BE OPERATIONAL.
- ALL ELECTRICAL EQUIPMENT UNDER THIS CONTRACT SHALL BE PROPERLY TESTED, ADJUSTED, AND ALIGNED BY A_{\perp} THE SUBCONTRACTOR
- THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATING, DRAINING, TRENCHES, BACKFILLING, AND REMOVAL OF EXCESS DIRT.
- THE SUBCONTRACTOR SHALL FURNISH TO THE OWNER WITH CERTIFICATES OF A FINAL INSPECTION AND
- APPROVAL FROM THE INSPECTION AUTHORITIES HAVING JURISDICTION. THE SUBCONTRACTOR SHALL PREPARE A COMPLETE SET OF AS-BUILT DRAWINGS, DOCUMENT ALL WIRING EQUIPMENT CONDITIONS, AND CHANGES WHILE COMPLETING THIS CONTRACT. THE AS-BUILT DRAWINGS SHALL
- PART 2 PRODUCTS

- A. ALL MATERIALS AND EQUIPMENT SHALL BE UL LISTED, NEW, AND FREE FROM DEFECTS.
- B. ALL ITEMS OF MATERIALS AND EQUIPMENT SHALL BE ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION AS 1. SUITABLE FOR THE USE INTENDED.
- ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE CALIFORNIA ELECTRICAL CODE.
- D. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING EQUAL TO OR GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 10,000 AIC MINIMUM. VERIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT.
- 2.2 MATERIALS AND EQUIPMENT:

A. CONDUIT:

- RIGID METAL CONDUIT (RMC) SHALL BE HOT-DIPPED GALVANIZED INSIDE AND OUTSIDE INCLUDING ENDS AND THREADS AND ENAMELED OR LACQUERED INSIDE IN ADDITION TO GALVANIZING.
- LIQUIDTIGHT FLEXIBLE METAL CONDUIT SHALL BE UL LISTED.
- CONDUIT CLAMPS, STRAPS AND SUPPORTS SHALL BE STEEL OR MALLEABLE IRON. ALL FITTINGS SHALL BE COMPRESSION AND CONCRETE TIGHT TYPE. GROUNDING BUSHINGS WITH INSULATED THROATS SHALL BE INSTALLED ON ALL CONDUIT TERMINATIONS.
- NONMETALLIC CONDUIT AND FITTINGS SHALL BE SCHEDULE 40 PVC. INSTALL USING SOLVENT—CEMENT—TYPE JOINTS AS RECOMMENDED BY THE MANUFACTURER.

B. CONDUCTORS AND CABLE:

- CONDUCTORS AND CABLE SHALL BE FLAME-RETARDANT, MOISTURE AND HEAT RESISTANT THERMOPLASTIC, SINGLE CONDUCTOR, COPPER, TYPE THHN/THWN-2, 600 VOLT, SIZE AS INDICATED, #12 AWG SHALL BE THE
- #10 AWG AND SMALLER CONDUCTOR SHALL BE SOLID OR STRANDED AND #8 AWG AND LARGER CONDUCTORS SHALL BE STRANDED.
- SOLDERLESS, COMPRESSION-TYPE CONNECTORS SHALL BE USED FOR TERMINATION OF ALL STRANDED CONDUCTORS.
- STRAIN-RELIEF SUPPORTS GRIPS SHALL BE HUBBELL KELLEMS OR APPROVED EQUAL. CABLES SHALL BE SUPPORTED IN ACCORDANCE WITH THE NEC AND CABLE MANUFACTURER'S RECOMMENDATIONS. ALL CONDUCTORS SHALL BE TAGGED AT BOTH ENDS OF THE CONDUCTOR, AT ALL PULL BOXES, J-BOXES.
- EQUIPMENT AND CABINETS AND SHALL BE IDENTIFIED WITH APPROVED PLASTIC TAGS (ACTION CRAFT. BRADY. OR APPROVED EQUAL).

C. DISCONNECT SWITCHES:

DISCONNECT SWITCHES SHALL BE HEAVY DUTY, DEAD-FRONT, QUICK-MAKE, QUICK-BREAK, EXTERNALLY OPERABLE, HANDLE LOCKABLE AND INTERLOCK WITH COVER IN CLOSED POSITION, RATING AS INDICATED, UL LABELED FURNISHED IN NEMA 3R ENCLOSURE, SQUARE-D OR ENGINEERED APPROVED EQUAL.

D. CHEMICAL ELECTROLYTIC GROUNDING SYSTEM:

- INSTALL CHEMICAL GROUNDING AS REQUIRED. THE SYSTEM SHALL BE ELECTROLYTIC MAINTENANCE FREE ELECTRODE CONSISTING OF RODS WITH A MINIMUM 2 AWG CU EXOTHERMALLY WELDED PIGTAIL, PROTECTIVE BOXES, AND BACKFILL MATERIAL. MANUFACTURER SHALL BE LYNCOLE XIT GROUNDING ROD TYPES K2—(*)CS OR K2L-(*)CS (*) LENGTH AS REQUIRED.
- GROUND ACCESS BOX SHALL BE A POLYPLASTIC BOX FOR NON-TRAFFIC APPLICATIONS, INCLUDING BOLT DOWN FLUSH COVER WITH "BREATHER" HOLES. XIT MODEL #XB-22. ALL DISCONNECT SWITCHES AND CONTROLLING DEVICES SHALL BE PROVIDED WITH ENGRAVED LAMICOID NAMEPLATES INDICATING EQUIPMENT CONTROLLED, BRANCH CIRCUITS ID NUMBERING, AND THE ELECTRICAL POWER SOURCE.
- 3. BACKFILL MATERIAL SHALL BE LYNCONITE AND LYNCOLE GROUNDING GRAVEL.

E. SYSTEM GROUNDING:

- ALL GROUNDING COMPONENTS SHALL BE TINNED AND GROUNDING CONDUCTOR SHALL BE 2 AWG BARE, SOLID, TINNED, COPPER, ABOVE GRADE GROUNDING CONDUCTORS SHALL BE INSULATED WHERE NOTED.
- 2. GROUNDING BUSES SHALL BE BARE, TINNED, ANNEALED COPPER BARS OF RECTANGULAR CROSS SECTION. STANDARD BUS BARS MGB, SHALL BE FURNISHED AND INSTALLED BY THE SUBCONTRACTOR. THEY SHALL NOT BE FABRICATED OR MODIFIED IN THE FIELD. ALL GROUNDING BUSES SHALL BE IDENTIFIED WITH MINIMUM 3/4" LETTERS BY WAY OF STENCILING OR DESIGNATION PLATE.
- CONNECTORS SHALL BE HIGH-CONDUCTIVITY, HEAVY DUTY, LISTED AND LABELED AS GROUNDING FOR THE MATERIALS USED. USE TWO-HOLE COMPRESSION LUGS WITH HEAT SHRINK FOR MECHANICAL CONNECTIONS. INTERIOR CONNECTIONS USE TWO-HOLE COMPRESSION LUGS WITH INSPECTION WINDOW AND CLEAR HEAT
- 4. EXOTHERMIC WELDED CONNECTIONS SHALL BE PROVIDED IN KIT FORM AND SELECTED FOR THE SPECIFIC TYPES, SIZES, AND COMBINATIONS OF CONDUCTORS AND OTHER ITEMS TO BE CONNECTED.
- GROUND RODS SHALL BE COPPER-CLAD STEEL WITH HIGH-STRENGTH STEEL CORE AND ELECTROLYTIC-GRADE COPPER OUTER SHEATH, MOLTEN WELDED TO CORE, 5/8"x10'-0". ALL GROUNDING RODS SHALL BE INSTALLED WITH INSPECTION SLEEVES.
- 6. INSTALL AN EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS IN COMPLIANCE WITH THE AT&T SPECIFICATIONS AND NEC. THE EQUIPMENT GROUNDING CONDUCTORS SHALL BE BONDED AT ALL JUNCTION BOXES, PULLBOXES, DISCONNECT SWITCHES, STARTERS, AND EQUIPMENT CABINETS.

F. OTHER MATERIALS:

- THE SUBCONTRACTOR SHALL PROVIDE OTHER MATERIALS, THOUGH NOT SPECIFICALLY DESCRIBED, WHICH ARE REQUIRED FOR A COMPLETELY OPERATIONAL SYSTEM AND PROPER INSTALLATION OF THE WORK. 2. PROVIDE PULL BOXES AND JUNCTION BOXES WHERE SHOWN OR REQUIRED BY NEC.
- G. PANELS AND LOAD CENTERS:
- 1. ALL PANEL DIRECTORIES SHALL BE TYPEWRITTEN.

PART 3 - EXECUTION

- A. ALL MATERIAL AND EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS
- B. EQUIPMENT SHALL BE TIGHTLY COVERED AND PROTECTED AGAINST DIRT OR WATER, AND AGAINST CHEMICAL OR MECHANICAL INJURY DURING INSTALLATION AND CONSTRUCTION PERIODS.

3.2 LABOR AND WORKMANSHIP:

- ALL LABOR FOR THE INSTALLATION OF MATERIALS AND EQUIPMENT FURNISHED FOR THE ELECTRICAL SYSTEM SHALL BE INSTALLED BY EXPERIENCED WIREMEN, IN A NEAT AND WORKMAN-LIKE MANNER.
- ALL ELECTRICAL EQUIPMENT SHALL BE ADJUSTED, ALIGNED AND TESTED BY THE SUBCONTRACTOR AS REQUIRED TO PRODUCE THE INTENDED PERFORMANCE.
- C. UPON COMPLETION OF WORK, THE SUBCONTRACTOR SHALL THOROUGHLY CLEAN ALL EXPOSED EQUIPMENT REMOVE ALL LABELS AND ANY DEBRIS, CRATING OR CARTONS AND LEAVE THE INSTALLATION FINISHED AND READY FOR OPERATION.
- 3.3 COORDINATION:
- THE SUBCONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL ITEMS WITH THE OWNER-FURNISHED EQUIPMENT DELIVERY SCHEDULE TO PREVENT UNNECESSARY DELAYS IN THE TOTAL WORK.
- 3.4 INSTALLATION:

- ALL ELECTRICAL WIRING SHALL BE INSTALLED IN CONDUIT AS SPECIFIED. NO CONDUIT OR TUBING OF LESS THAN 3/4 INCH TRADE SIZE.
- PROVIDE RIGID PVC SCHEDULE 80 CONDUITS FOR ALL RISERS, RMC OTHERWISE NOTED. EMT MAY BE INSTALLED FOR EXTERIOR CONDUITS WHERE NOT SUBJECT TO PHYSICAL DAMAGE.
- 3. THE INSTALLATION OF SCHEDULE 40 PVC AND RMC CONDUITS SHALL BE 24 INCHES MINIMUM DEPTH. ALL 90 DEGREE BENDS SHALL BE RMC. EXPANSION JOINTS ARE REQUIRED ON ALL CONDUIT RISERS.
- 4. USE GALVANIZED FLEXIBLE STEEL CONDUIT WHERE DIRECT CONNECTION TO EQUIPMENT WITH MOVEMENT, VIBRATION, OR FOR EASE OF MAINTENANCE. USE LIQUID TIGHT, FLEXIBLE METAL CONDUIT FOR OUTDOOR APPLICATIONS. INSTALL GALVANIZED FLEXIBLE STEEL CONDUIT AT ALL POINTS OF CONNECTION TO EQUIPMENT MOUNTED ON SUPPORT TO ALLOW FOR EXPANSION AND CONTRACTION.
- A RUN OF CONDUIT BETWEEN BOXES OR EQUIPMENT SHALL NOT CONTAIN MORE THAN THE EQUIVALENT OF THREE QUARTER-BENDS. CONDUIT BEND SHALL BE MADE WITH THE UL LISTED BENDER OR FACTORY 90 DEGREE ELBOWS MAY BE USED.
- 6. FIELD FABRICATED CONDUITS SHALL BE CUT SQUARE WITH A CONDUIT CUTTING TOOL AND REAMED TO
- 7. PROVIDE INSULATED GROUNDING BUSHING FOR ALL CONDUITS.

PROVIDE A SMOOTH INSIDE SURFACE.

- SUBCONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL CONDUITS DURING CONSTRUCTION. TEMPORARY OPENINGS IN THE CONDUIT SYSTEM SHALL BE PLUGGED OR CAPPED TO PREVENT ENTRANCE OF MOISTURE OR FOREIGN MATTER. SUBCONTRACTOR SHALL REPLACE ANY CONDUITS CONTAINING FOREIGN MATERIALS THAT
- 9. ALL CONDUITS SHALL BE SWABBED CLEAN BY PULLING AN APPROPRIATE SIZE MANDREL THROUGH THE CONDUIT BEFORE INSTALLATION OF CONDUCTORS OR CABLES. CONDUIT SHALL BE FREE OF DIRT AND DEBRIS.
- 10. INSTALL PULL STRINGS IN ALL CLEAN EMPTY CONDUITS. IDENTIFY PULL STRINGS AT EACH END.
- 11. INSTALL 2" HIGHLY VISIBLE AND DETECTABLE TAPE 12" ABOVE ALL UNDERGROUND CONDUITS AND
- 12. CONDUITS SHALL BE INSTALLED IN SUCH A MANNER AS TO INSURE AGAINST COLLECTION OF TRAPPED CONDENSATION.
- B. CONDUCTORS AND CABLE:
- ALL POWER WIRING SHALL BE COLOR CODED AS FOLLOWS: 208/240/120 VOLT SYSTEMS PHASE . PHASE (GROUNDING

AND REPLACED AT THE SUBCONTRACTOR'S EXPENSE.

- SPLICES SHALL BE MADE ONLY AT OUTLETS, JUNCTION BOXES, OR ACCESSIBLE RACEWAY CONDULETS APPROVED FOR THIS PURPOSE.
- 3. PULLING LUBRICANTS SHALL BE UL APPROVED. SUBCONTRACTOR SHALL USE NYLON OR HEMP ROPE FOR PULLING CONDUCTOR OR CABLES INTO THE CONDUIT.
- 4. CABLES SHALL BE NEATLY TRAINED, WITHOUT INTERLACING, AND BE OF SUFFICIENT LENGTH IN ALL BOXES & EQUIPMENT TO PERMIT MAKING A NEAT ARRANGEMENT. CABLES SHALL BE SECURED IN A MANNER TO AVOID TENSION ON CONDUCTORS OR TERMINALS. CONDUCTORS SHALL BE PROTECTED FROM MECHANICAL INJURY AND MOISTURE. SHARP BENDS OVER CONDUIT BUSHINGS ARE PROHIBITED. DAMAGED CABLES SHALL BE REMOVED

- C. DISCONNECT SWITCHES:
- INSTALL DISCONNECT SWITCHES LEVEL AND PLUMB. CONNECT TO WIRING SYSTEM AND GROUNDING SYSTEM AS INDICATED.

- ALL METALLIC PARTS OF ELECTRICAL EQUIPMENT WHICH DO NOT CARRY CURRENT SHALL
- GROUNDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING MANUFACTURER, AT&T GROUNDING AND BONDING STANDARDS TP-76416, ND-00135, AND THE CALIFORNIA ELECTRICAL CODE.
- PROVIDE ELECTRICAL GROUNDING AND BONDING SYSTEM INDICATED WITH ASSEMBLY OF MATERIALS, INCLUDING GROUNDING ELECTRODES, BONDING JUMPERS AND ADDITIONAL ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION.
- ALL GROUNDING CONDUCTORS SHALL PROVIDE A STRAIGHT DOWNWARD PATH TO GROUND WITH GRADUAL BEND AS REQUIRED. GROUNDING CONDUCTORS SHALL NOT BE LOOPED OR SHARPLY BENT. ROUTE GROUNDING CONNECTIONS AND CONDUCTORS TO GROUND IN THE SHORTEST AND STRAIGHTEST PATHS POSSIBLE TO MINIMIZE TRANSIENT VOLTAGE RISES.
- 4. BUILDINGS AND/OR NEW TOWERS GREATER THAN 75 FEET IN HEIGHT AND WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE SUBCONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP, TOWERS, AND WATER TOWERS GROUNDING RING, TO THE EXISTING GROUNDING SYSTEM, THE GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN 2/O AWG COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS, LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY). SEE STANDARD 6.3.2.2.
- TIGHTEN GROUNDING AND BONDING CONNECTORS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE TIGHTENING VALUES FOR CONNECTORS AND BOLTS. WHERE MANUFACTURER'S TORQUING REQUIREMENTS ARE NOT AVAILABLE. TIGHTEN CONNECTIONS TO COMPLY WITH TIGHTENING TORQUE VALUES SPECIFIED IN UL TO ASSURE PERMANENT AND EFFECTIVE GROUNDING. SUBCONTRACTOR SHALL VERIFY THE LOCATIONS OF GROUNDING TIE-IN-POINTS TO THE EXISTING
- GROUNDING SYSTEM. ALL UNDERGROUND GROUNDING CONNECTIONS SHALL BE MADE BY THE EXOTHERMIC WELD PROCESS AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- ALL GROUNDING CONNECTIONS SHALL BE INSPECTED FOR TIGHTNESS. EXOTHERMIC WELDED CONNECTIONS SHALL BE APPROVED BY THE INSPECTOR HAVING JURISDICTION BEFORE BEING PERMANENTLY CONCEALED.
- 8. APPLY CORROSION—RESISTANCE FINISH TO FIELD CONNECTIONS AND PLACES WHERE FACTORY APPLIED PROTECTIVE COATINGS HAVE BEEN DESTROYED. USE KOPR-SHIELD ANTI-OXIDATION COMPOUND ON ALL COMPRESSION GROUNDING CONNECTIONS.
- 9. A SEPARATE, CONTINUOUS, INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED IN ALL FEEDER AND BRANCH CIRCUITS.
- 10. BOND ALL INSULATED GROUNDING BUSHINGS WITH A BARE 6 AWG GROUNDING CONDUCTOR TO A GROUND BUS.
- 36" MINIMUM BELOW GRADE, OR 6" BELOW THE FROST LINE, USE THE GREATER OF THE

DIRECT BURIED GROUNDING CONDUCTORS SHALL BE INSTALLED AT A NOMINAL DEPTH OF

INSTALLED IN SCHEDULE 40 PVC CONDUIT. 13. THE INSTALLATION OF CHEMICAL ELECTROLYTIC GROUNDING SYSTEM IN STRICT

12. ALL GROUNDING CONDUCTORS EMBEDDED IN OR PENETRATING CONCRETE SHALL BE

LEACHING AND BREATHER HOLES. INSTALL PROTECTIVE BOX FLUSH WITH GRADE. 14. DRIVE GROUND RODS UNTIL TOPS ARE A MINIMUM DISTANCE OF 36" DEPTH OR 6" BELOW

FROST LINE, USING THE GREATER OF THE TWO DISTANCES.

ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. REMOVE SEALING TAPE FROM

BASE OF THE TOWER, A SECOND GROUNDING BAR WILL BE NEEDED AT THE END OF THE ICE BRIDGE, TO GROUND THE COAX CABLE GROUNDING KITS AND IN-LINE ARRESTERS.

16. SUBCONTRACTOR SHALL REPAIR, AND/OR REPLACE, EXISTING GROUNDING SYSTEM

15. IF COAX ON THE ICE BRIDGE IS MORE THAN 6 FT. FROM THE GROUNDING BAR AT THE

- COMPONENTS DAMAGED DURING CONSTRUCTION AT THE SUBCONTRACTORS EXPENSE.
- 3.5 ACCEPTANCE TESTING: CERTIFIED PERSONNEL USING CERTIFIED EQUIPMENT SHALL PERFORM REQUIRED TESTS AND SUBMIT WRITTEN TEST REPORTS UPON COMPLETION.
- WHEN MATERIAL AND/OR WORKMANSHIP IS FOUND NOT TO COMPLY WITH THE SPECIFIED REQUIREMENTS, THE NON COMPLYING ITEMS SHALL BE REMOVED FROM THE PROJECT SITE AND REPLACED WITH ITEMS COMPLYING WITH THE SPECIFIED REQUIREMENTS PROMPTLY AFTER RECEIPT OF NOTICE FOR NON-COMPLIANCE.
- C. TEST PROCEDURES:

FOR ALL TEST LISTED TO SUBCONTRACTOR.

- ALL FEEDERS SHALL HAVE INSULATION TESTED AFTER INSTALLATION, BEFORE CONNECTION TO DEVICES. THE CONDUCTORS SHALL TEST FREE FROM SHORT CIRCUITS AND GROUNDS. TESTING SHALL BE FOR ONE MINUTE USING 1000V DC. PROVIDE WRITTEN DOCUMENTATION
- PRIOR TO ENERGIZING CIRCUITRY, TEST WIRING DEVICES FOR ELECTRICAL CONTINUITY AND PROPER POLARITY CONNECTIONS.
- MEASURE AND RECORD VOLTAGES BETWEEN PHASES AND BETWEEN PHASE CONDUCTORS AND NEUTRALS. SUBMIT A REPORT OF MAXIMUM AND MINIMUM VOLTAGES.
- 4. PERFORM GROUNDING TEST TO MEASURE GROUNDING RESISTANCE OF GROUNDING SYSTEM USING THE IEEE STANDARD 3-POINT "FALL-OF-POTENTIAL" METHOD. PROVIDE PLOTTED TEST VALUES AND LOCATION SKETCH. NOTIFY THE ENGINEER IMMEDIATELY IF MEASURED

TITLE SHEET FOR: TECOLOTE RELO

SHEET 6 OF 18 SHEETS

Legal Description: TR 5353 LOT 111+

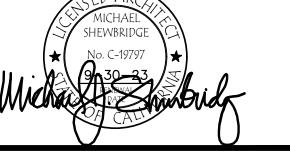
PRJ NO.

PMT NO.

The City of SAN DIEGO

VALUE IS OVER 5 OHMS.

DEVELOPMENT SERVICES DEPARTMENT



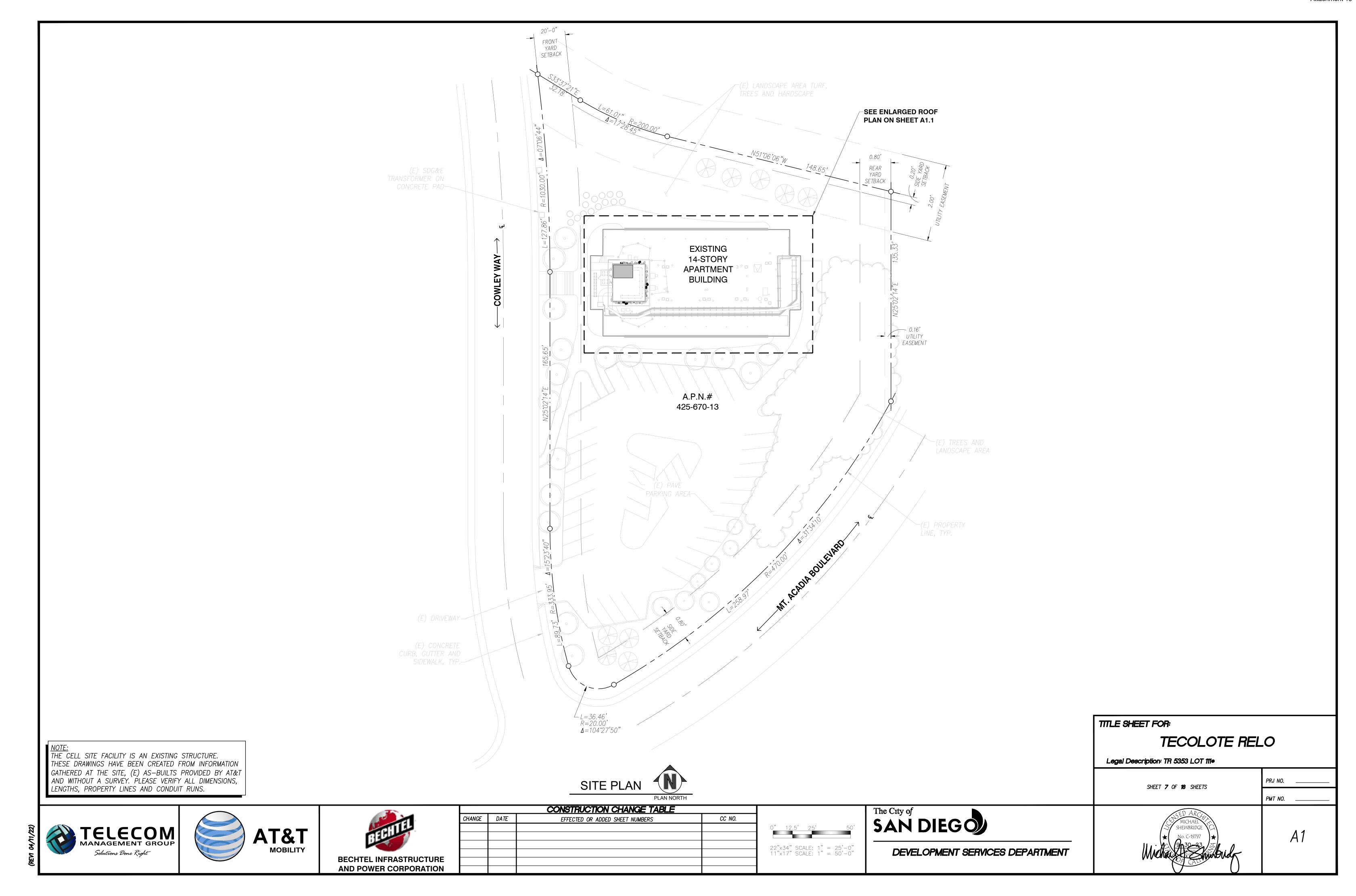
relecom MANAGEMENT GROUP Solutions Done Right

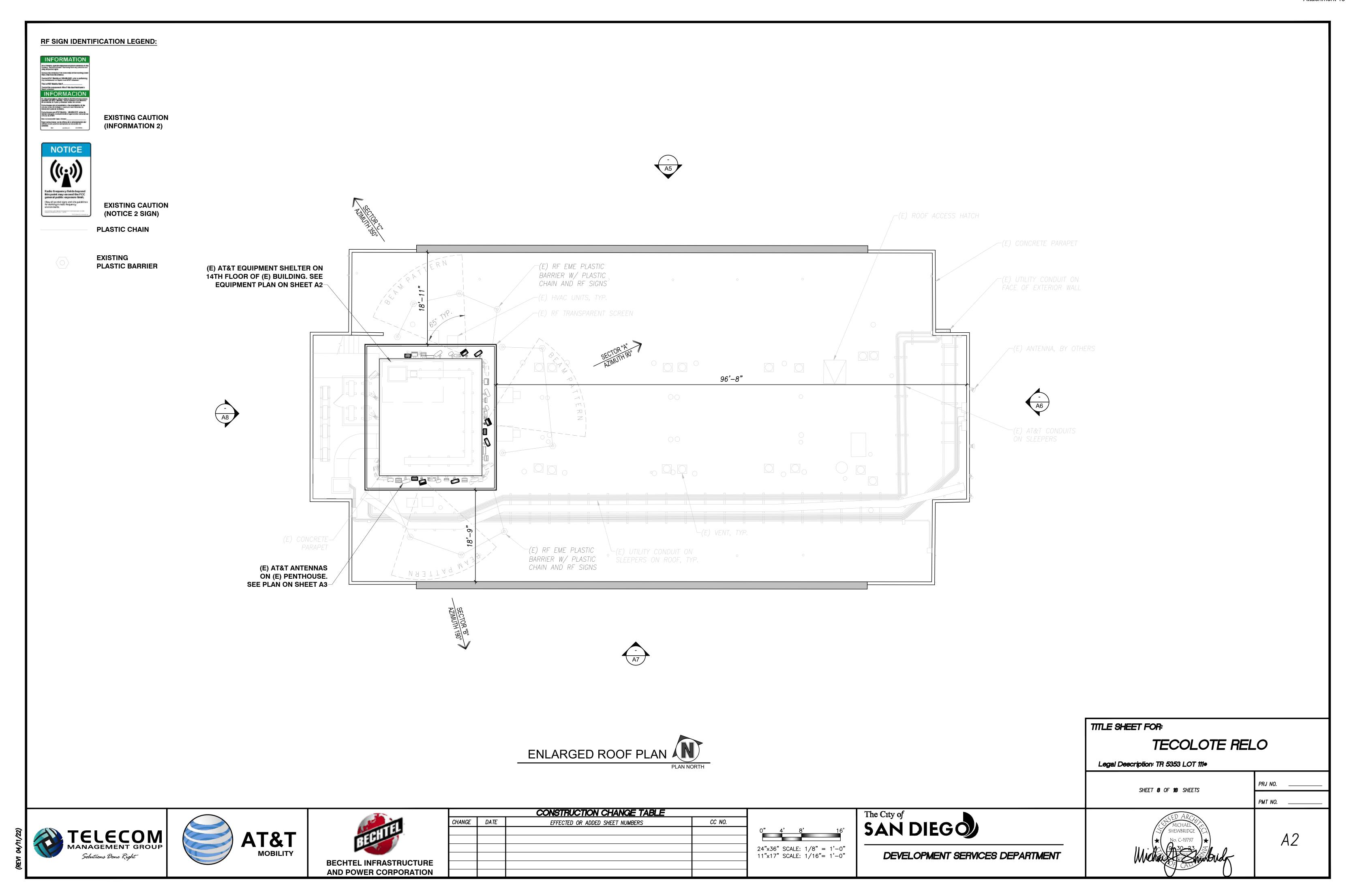


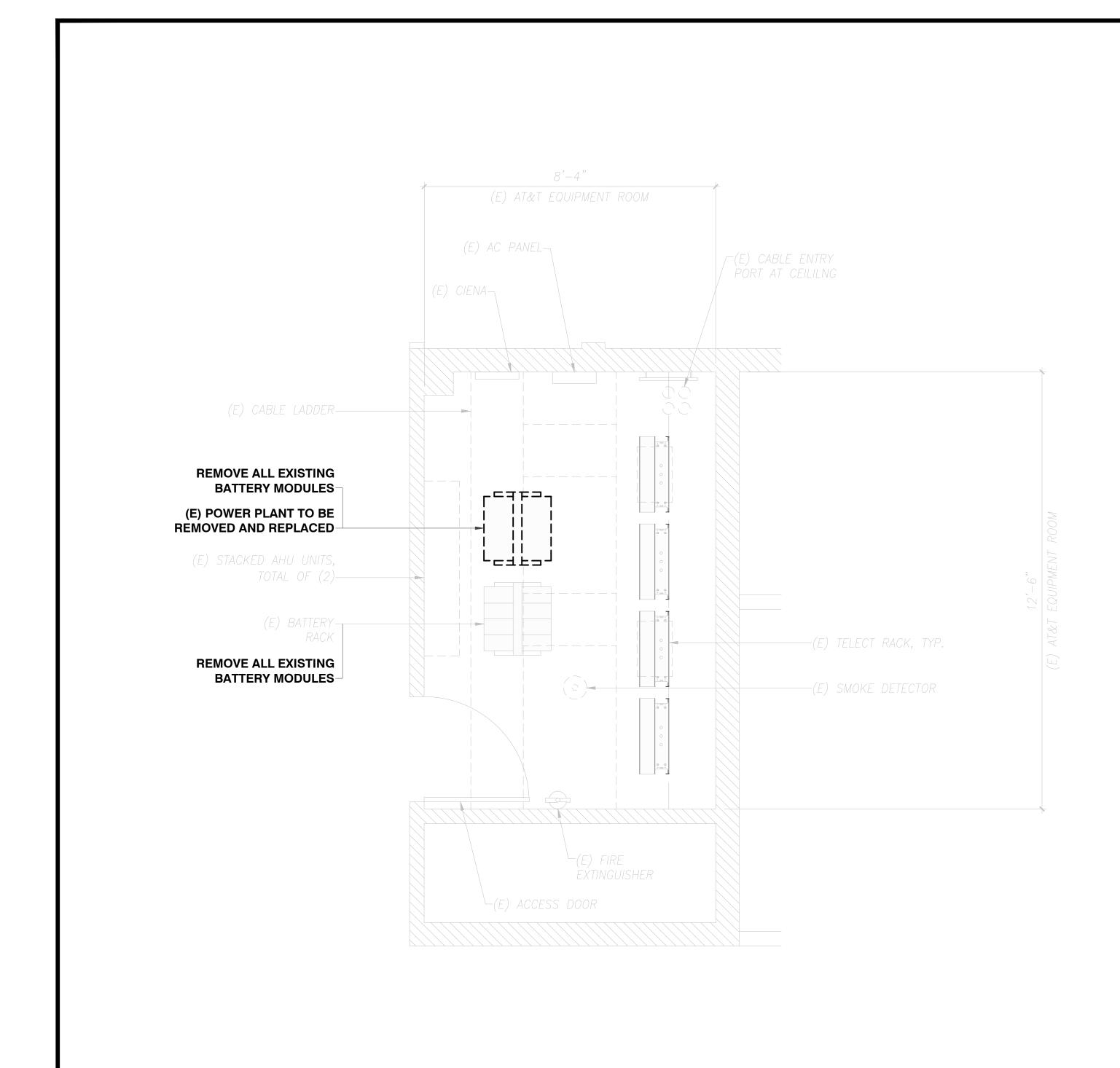


CONSTRUCTION CHANGE TABLE CHANGE DATE CC NO. EFFECTED OR ADDED SHEET NUMBERS AND POWER CORPORATION

SCALE: N/A

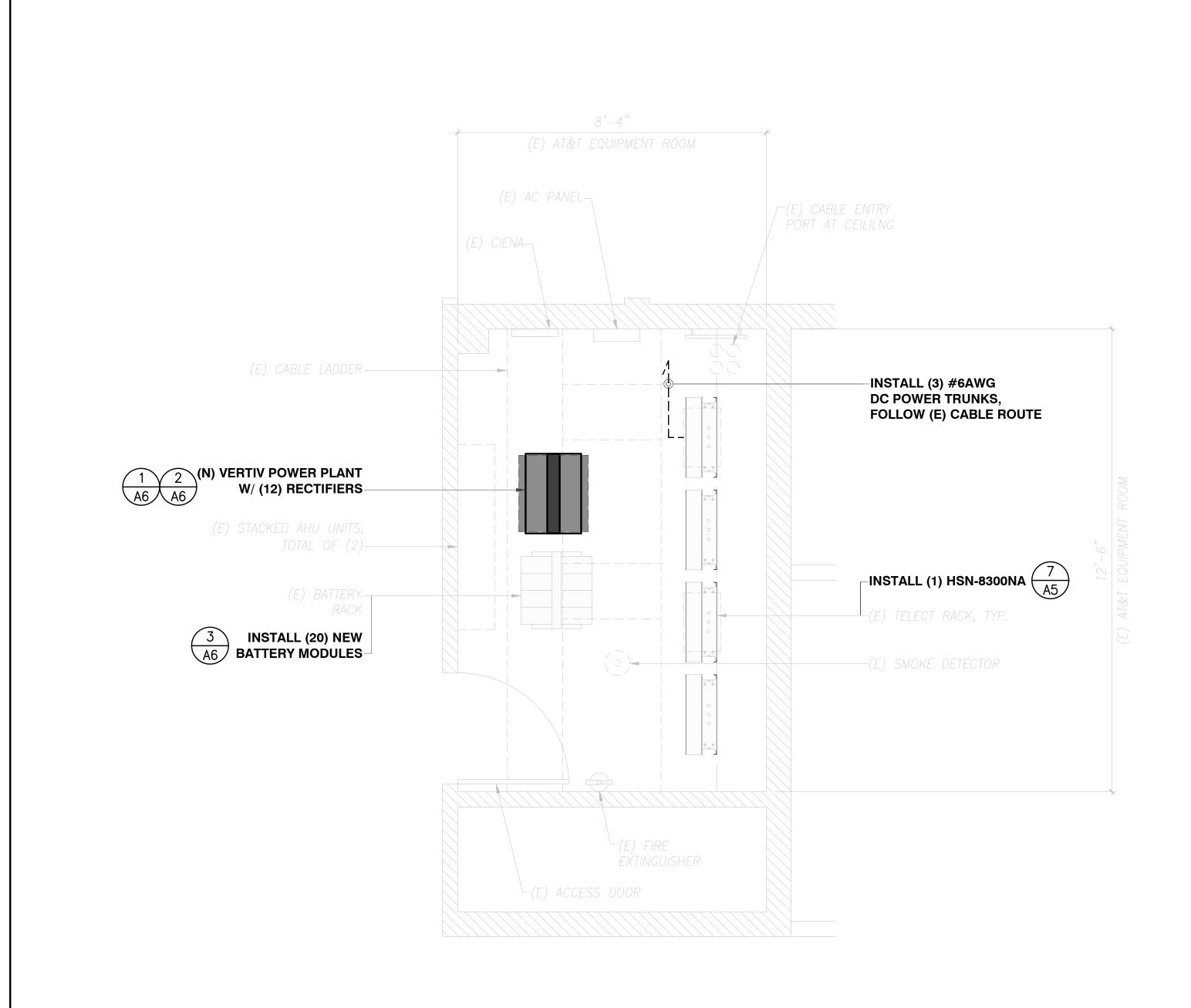






(E) EQUIPMENT PLAN (AT 14TH FLOOR)





(N) EQUIPMENT PLAN (AT 14TH FLOOR)



TITLE SHEET FOR:

Legal Description: TR 5353 LOT 111+

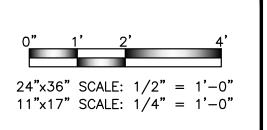
NOTE:
CONTRACTOR TO CHECK AT&T FILENET AND SAQ VENDOR FOR ANY
INTERNAL DC POWER PLANT WORK THAT IS APPROVED BY AT&T







			CONSTRUCTION CHANGE TABLE	
	CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	CC NO.
L				
RE				
ON [





A3

PMT NO. ____

MICHAEL
SHEWBRIDGE

No. C-19797

90.30-23

FOR ALL

MICHAEL
SHEWBRIDGE

No. C-19797

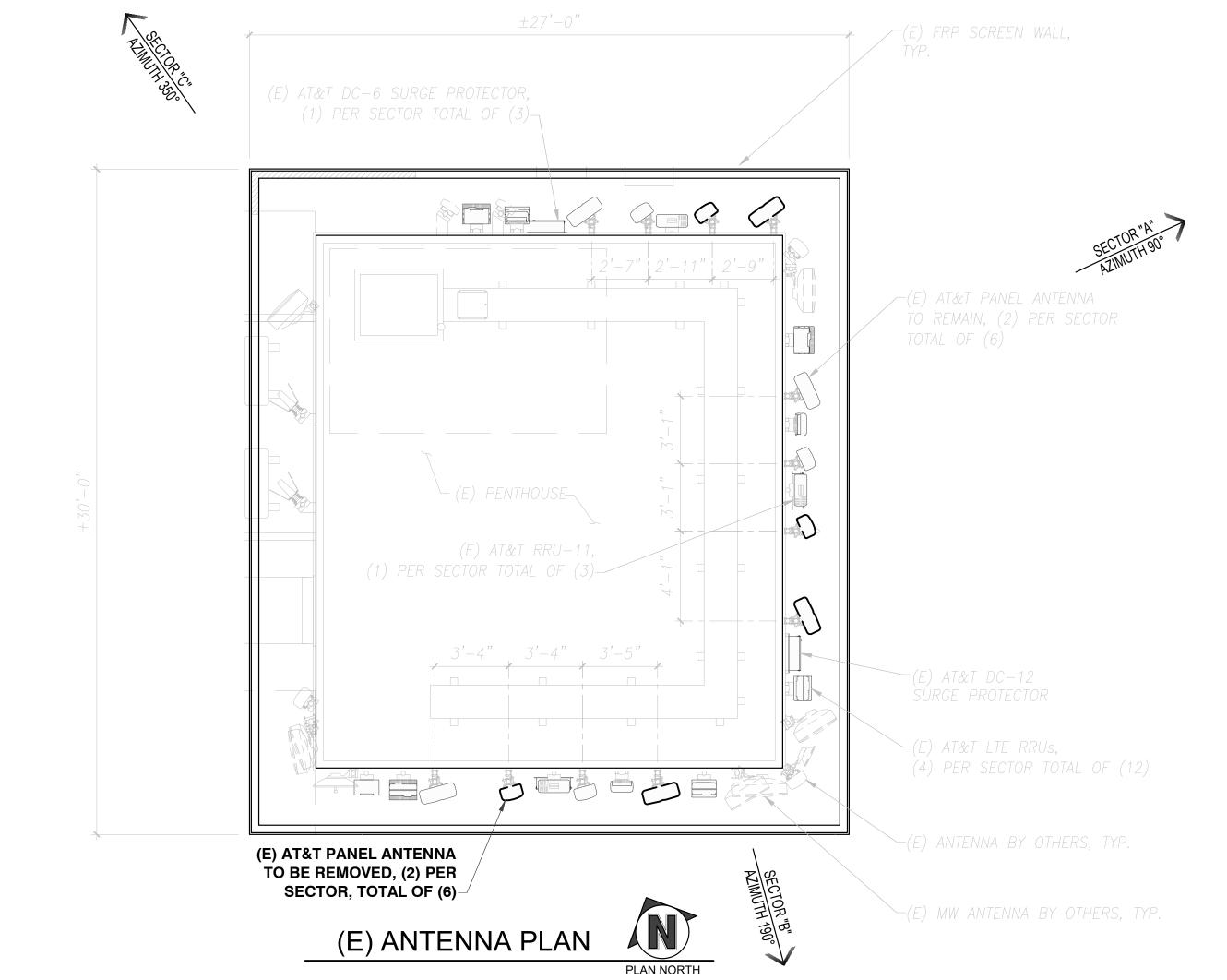
ALL

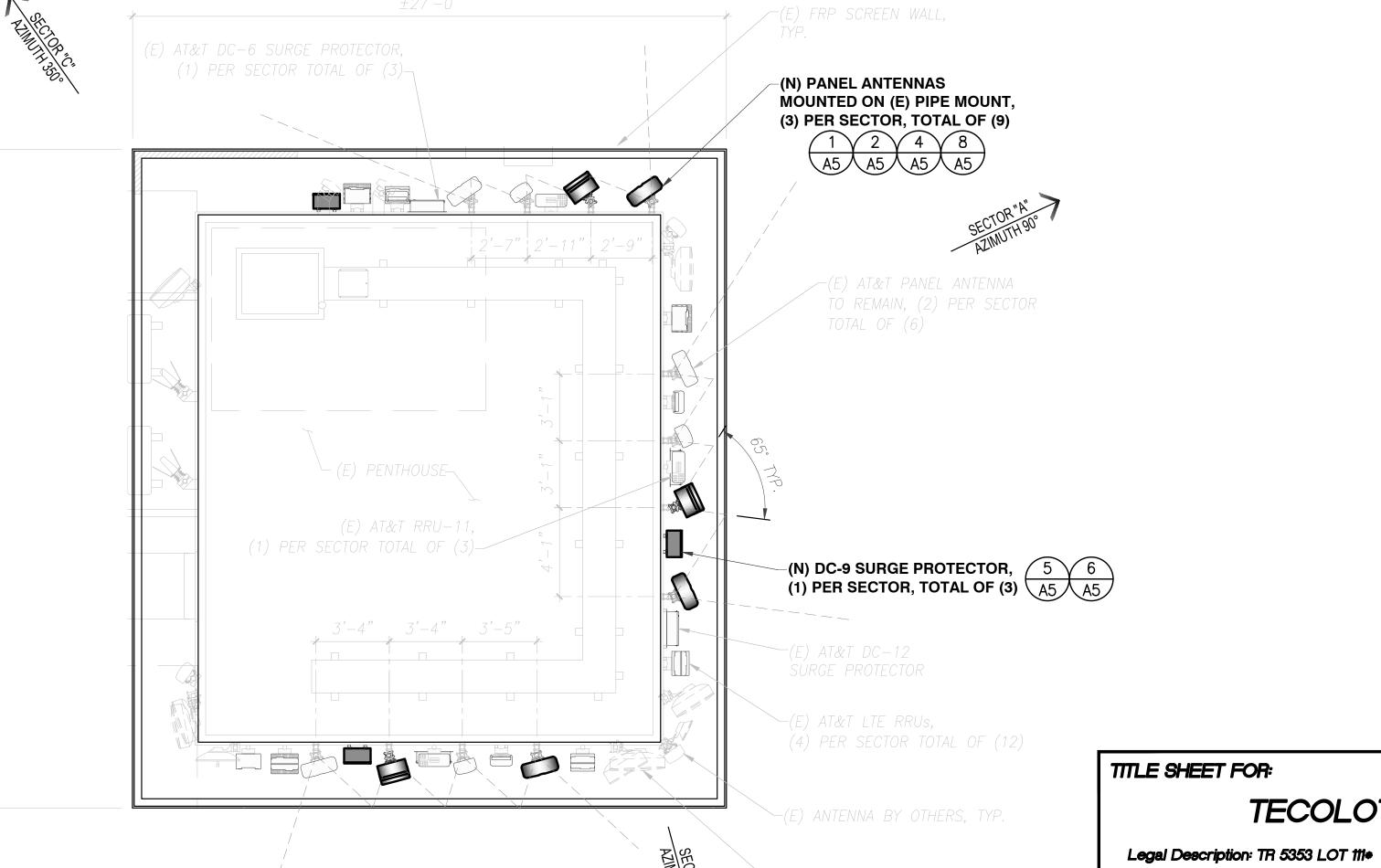
MICHAEL
SHEWBRIDGE

SHEET **9** OF **18** SHEETS

TECOLOTE RELO

								ANTENNA / R	RU SCHEDULE							
Sector		TECHN	TECHNOLOGY		ANTENNA MODEL		AZIMUTH		ENTER	REMOTE RADIO (QTY.)		TMA'S / FILTER / C	OMBINERS (QTY.)	TRANSMISSION		
360	ioi	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	LENGTH
ha	A1	LTE 700 LTE 850 5G 850 LTE 1900	LTE 700 LTE 850 5G 850 LTE 1900	NNHH-65C-R4	NNH4-65C-R6-V3	90°	90°	136'-0"	136'-0"	4449 B5/B12 (1) 8843 B2/B66A (1)	4449 B5/B12 (1) 8843 B2/B66A (1)	-	-	FIBER	FIBER	±70'
	A2	UMTS 850	5G C-BAND	SBNHH-1D65C	AIR ANTENNA (STACKED)	90°	90°	136'-0"	137'-0"	-	INTEGRATED IN ANTENNA	-	-	FIBER	FIBER	±70'
Αlβ	А3	LTE WCS	-	SBNHH-1D65C	SBNHH-1D65C	90°	90°	136'-0"	136'-0"	RRU 32 B30 (1)	-	-	-	FIBER	-	±70'
	A4	FIRSTNET LTE AWS	FIRSTNET LTE AWS LTE WCS	NNHH-65C-R4	NNHH-65C-R4	90°	90°	136'-0"	136'-0"	4478 B14 (1)	4478 B14 (1) RRU32 B30 (1)	-	-	FIBER	FIBER	±70'
Beta	B1	FIRSTNET LTE AWS	FIRSTNET LTE AWS LTE WCS	NNHH-65C-R4	NNHH-65C-R4	190°	190°	136'-0"	136'-0"	4478 B14 (1)	4478 B14 (1) RRU32 B30 (1)	-	-	FIBER	FIBER	±85′
	B2	UMTS 850	5G C-BAND	SBNHH-1D65C	AIR ANTENNA (STACKED)	190°	190°	136'-0"	137'-0"	-	INTEGRATED IN ANTENNA	-	-	FIBER	FIBER	±85'
	В3	LTE WCS	-	SBNHH-1D65C	SBNHH-1D65C	190°	190°	136'-0"	136'-0"	RRU 32 B30 (1)	-	-	-	FIBER	-	±85′
	В4	LTE 700 LTE 850 5G 850 LTE 1900	LTE 700 LTE 850 5G 850 LTE 1900	NNHH-65C-R4	NNH4-65C-R6-V3	190°	190°	136'-0"	136'-0"	4449 B5/B12 (1) 8843 B2/B66A (1)	4449 B5/B12 (1) 8843 B2/B66A (1)	-	-	FIBER	FIBER	±85′
	C1	LTE 700 LTE 850 5G 850 LTE 1900	LTE 700 LTE 850 5G 850 LTE 1900	NNHH-65C-R4	NNH4-65C-R6-V3	350°	350°	136'-0"	136'-0"	4449 B5/B12 (1) 8843 B2/B66A (1)	4449 B5/B12 (1) 8843 B2/B66A (1)	-	-	FIBER	FIBER	±100'
ıma	C2	UMTS 850	5G C-BAND	SBNHH-1D65C	AIR ANTENNA (STACKED)	350°	350°	136'-0"	137'-0"	-	INTEGRATED IN ANTENNA	-	-	FIBER	FIBER	±100'
Gam	СЗ	LTE WCS	-	SBNHH-1D65C	SBNHH-1D65C	350°	350°	136'-0"	136'-0"	RRU 32 B30 (1)	-	-	-	FIBER	-	±100'
	C4	FIRSTNET LTE AWS	FIRSTNET LTE AWS LTE WCS	NNHH-65C-R4	NNHH-65C-R4	350°	350°	136'-0"	136'-0"	4478 B14 (1)	4478 B14 (1) RRU32 B30 (1)	-	-	FIBER	FIBER	±100'



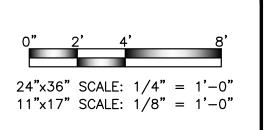






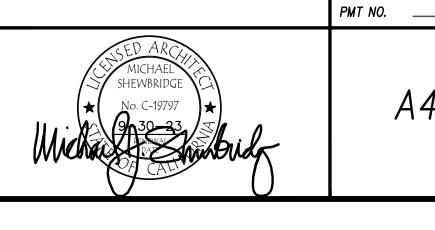


		CONSTRUCTION CHANGE TABL	E
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	CC NO.



(N) ANTENNA PLAN



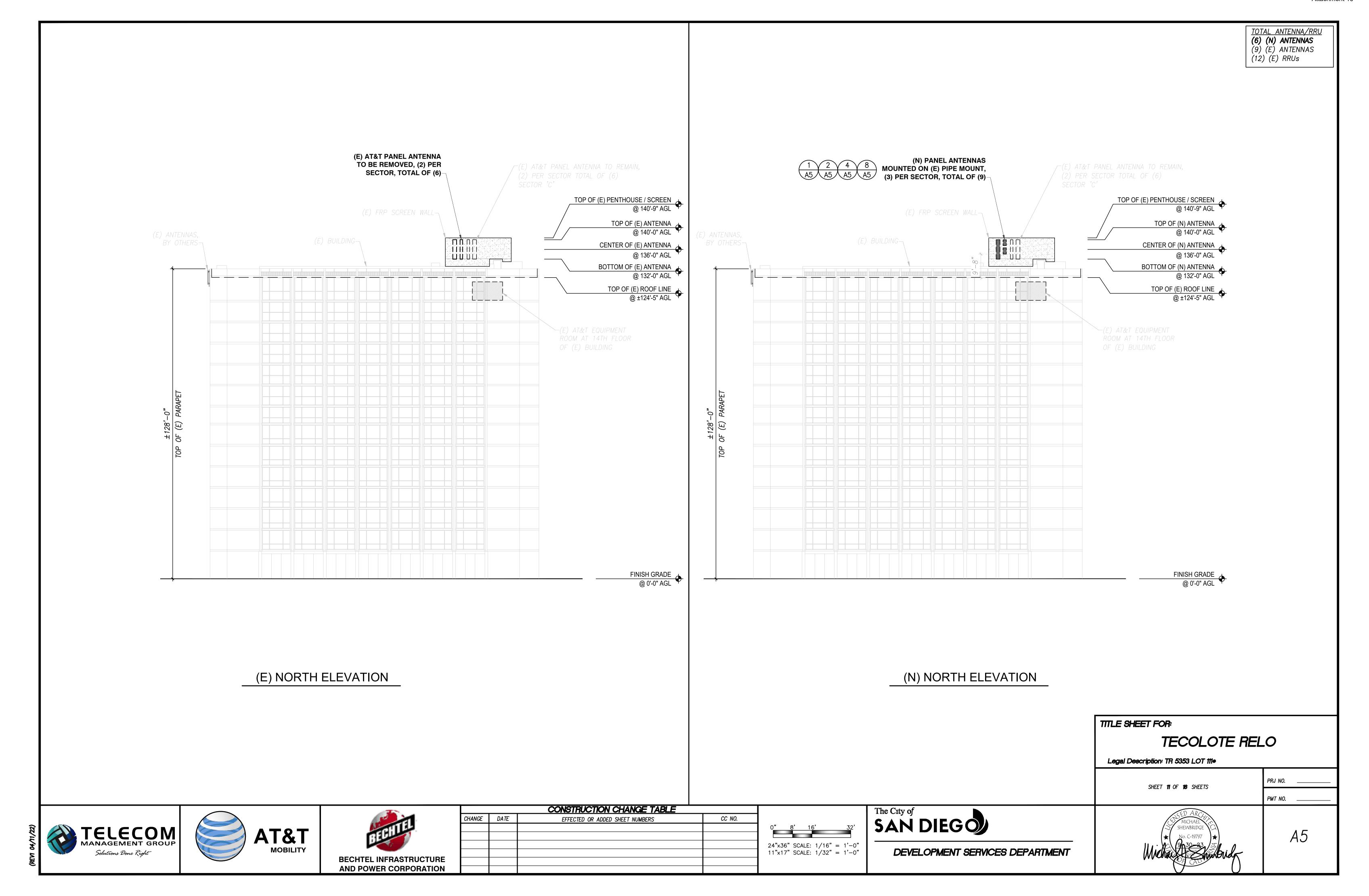


SHEET 10 OF 18 SHEETS

TECOLOTE RELO

A4

PRJ NO. ____

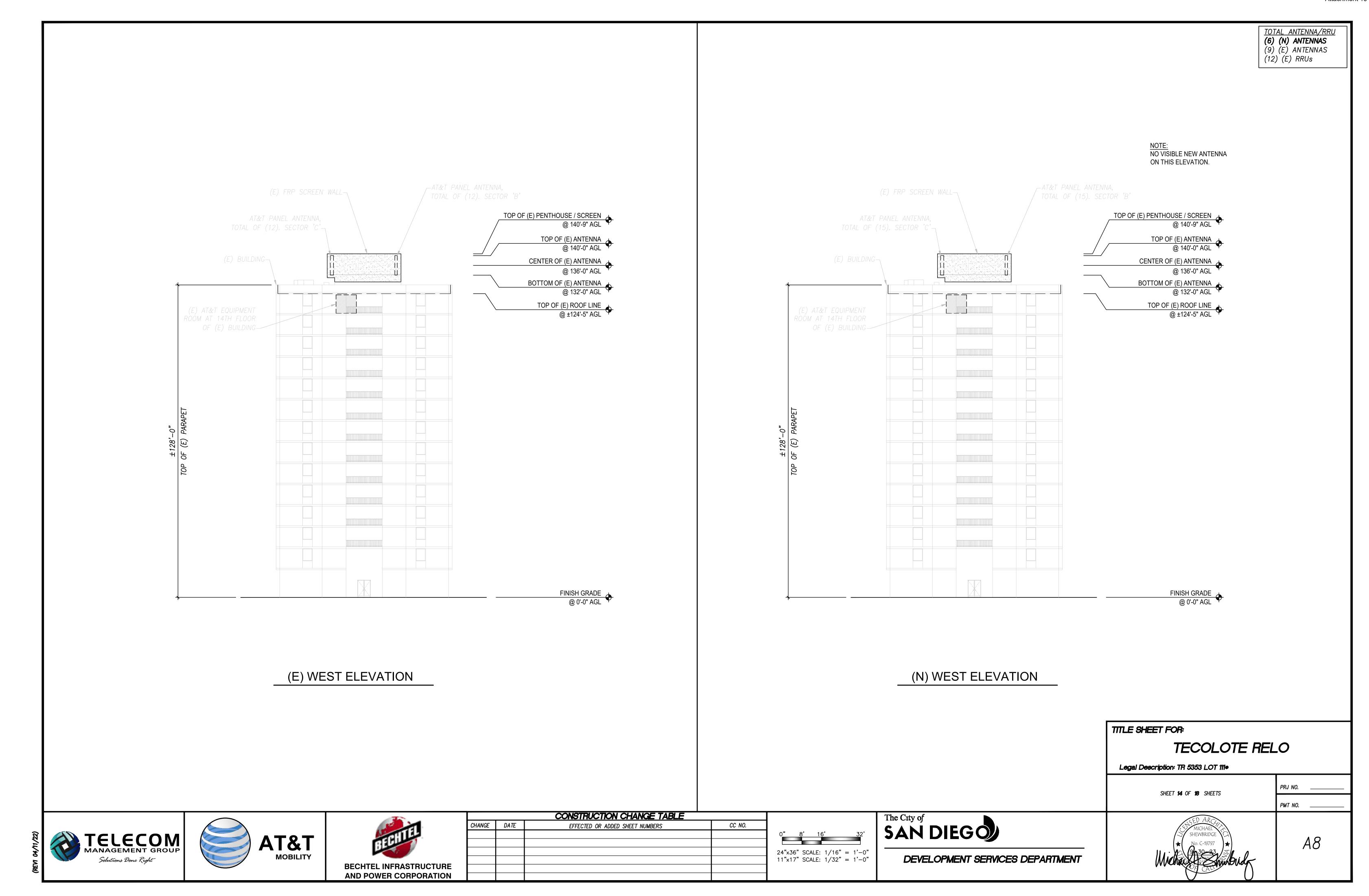


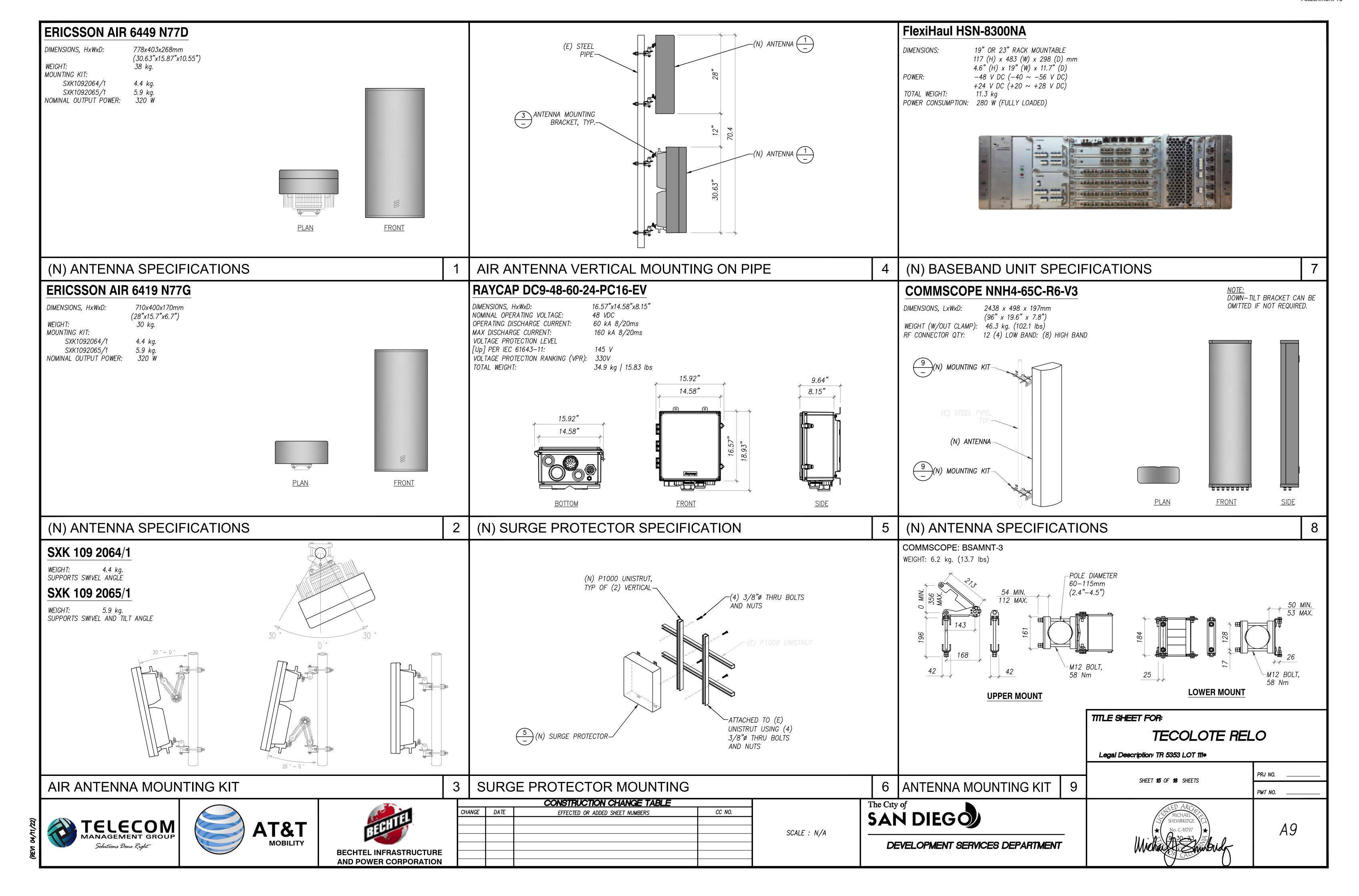
TOTAL ANTENNA/RRU
(6) (N) ANTENNAS
(9) (E) ANTENNAS
(12) (E) RRUs (E) AT&T PANEL ANTENNA (N) PANEL ANTENNAS MOUNTED ON (E) PIPE MOUNT, (3) PER SECTOR, TOTAL OF (9) TO BE REMOVED, (2) PER SECTOR, TOTAL OF (6) TOP OF (E) PENTHOUSE / SCREEN @ 140'-9" AGL TOP OF (E) PENTHOUSE / SCREEN @ 140'-9" AGL TOP OF (E) ANTENNA @ 140'-0" AGL TOP OF (N) ANTENNA @ 140'-0" AGL CENTER OF (E) ANTENNA @ 136'-0" AGL CENTER OF (N) ANTENNA
@ 136'-0" AGL **i i ii** ii i i BOTTOM OF (E) ANTENNA @ 132'-0" AGL BOTTOM OF (N) ANTENNA @ 132'-0" AGL TOP OF (E) ROOF LINE @ ±124'-5" AGL TOP OF (E) ROOF LINE @ ±124'-5" AGL FINISH GRADE @ 0'-0" AGL FINISH GRADE @ 0'-0" AGL (E) EAST ELEVATION (N) EAST ELEVATION TITLE SHEET FOR: TECOLOTE RELO Legal Description: TR 5353 LOT 111+ PRJ NO. SHEET 12 OF 18 SHEETS PMT NO. ____ CONSTRUCTION CHANGE TABLE The City of CHANGE DATE EFFECTED OR ADDED SHEET NUMBERS CC NO. SAN DIEGO TELECOM MANAGEMENT GROUP AT&T MOBILITY *A6* 24"x36" SCALE: 1/16" = 1'-0" 11"x17" SCALE: 1/32" = 1'-0" DEVELOPMENT SERVICES DEPARTMENT BECHTEL INFRASTRUCTURE AND POWER CORPORATION

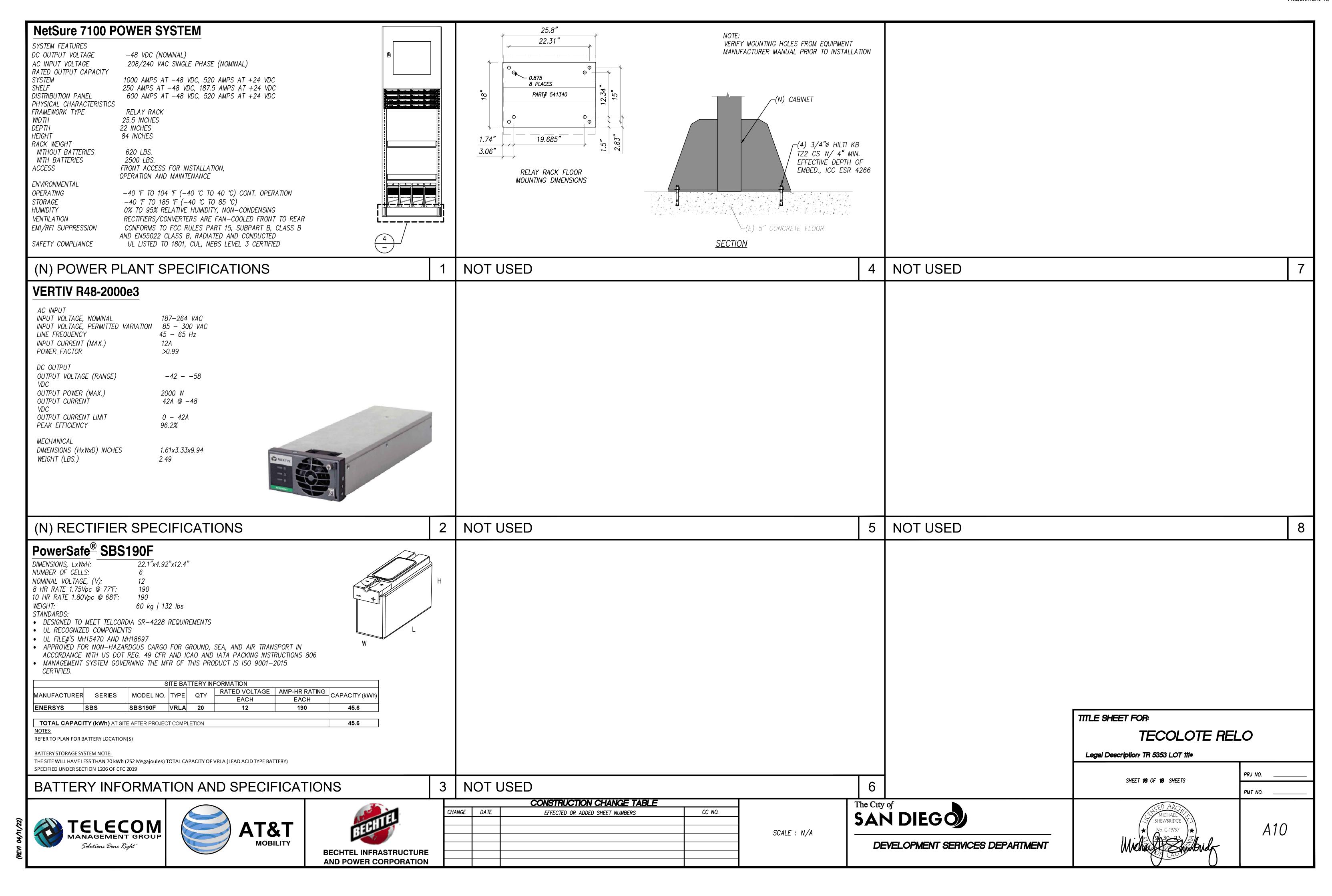
TOTAL ANTENNA/RRU
(6) (N) ANTENNAS
(9) (E) ANTENNAS

(12) (E) RRUs

(E) AT&T PANEL ANTENNA (N) PANEL ANTENNAS TO BE REMOVED, (2) PER MOUNTED ON (E) PIPE MOUNT, SECTOR, TOTAL OF (6)-(3) PER SECTOR, TOTAL OF (9) 1 2 4 8 A5 A5 A5 A5 TOP OF (E) PENTHOUSE / SCREEN @ 140'-9" AGL TOP OF (E) PENTHOUSE / SCREEN @ 140'-9" AGL TOP OF (E) ANTENNA @ 140'-0" AGL TOP OF (N) ANTENNA @ 140'-0" AGL CENTER OF (E) ANTENNA CENTER OF (N) ANTENNA @ 136'-0" AGL @ 136'-0" AGL BOTTOM OF (E) ANTENNA @ 132'-0" AGL BOTTOM OF (N) ANTENNA
@ 132'-0" AGL TOP OF (E) ROOF LINE @ ±124'-5" AGL TOP OF (E) ROOF LINE @ ±124'-5" AGL FINISH GRADE FINISH GRADE @ 0'-0" AGL @ 0'-0" AGL (E) SOUTH ELEVATION (N) SOUTH ELEVATION TITLE SHEET FOR: TECOLOTE RELO Legal Description: TR 5353 LOT 111+ SHEET 13 OF 18 SHEETS PMT NO. CONSTRUCTION CHANGE TABLE The City of CHANGE DATE EFFECTED OR ADDED SHEET NUMBERS CC NO. SAN DIEGO TELECOM MANAGEMENT GROUP AT&T
MOBILITY 24"x36" SCALE: 1/16" = 1'-0" 11"x17" SCALE: 1/32" = 1'-0" DEVELOPMENT SERVICES DEPARTMENT **BECHTEL INFRASTRUCTURE** AND POWER CORPORATION







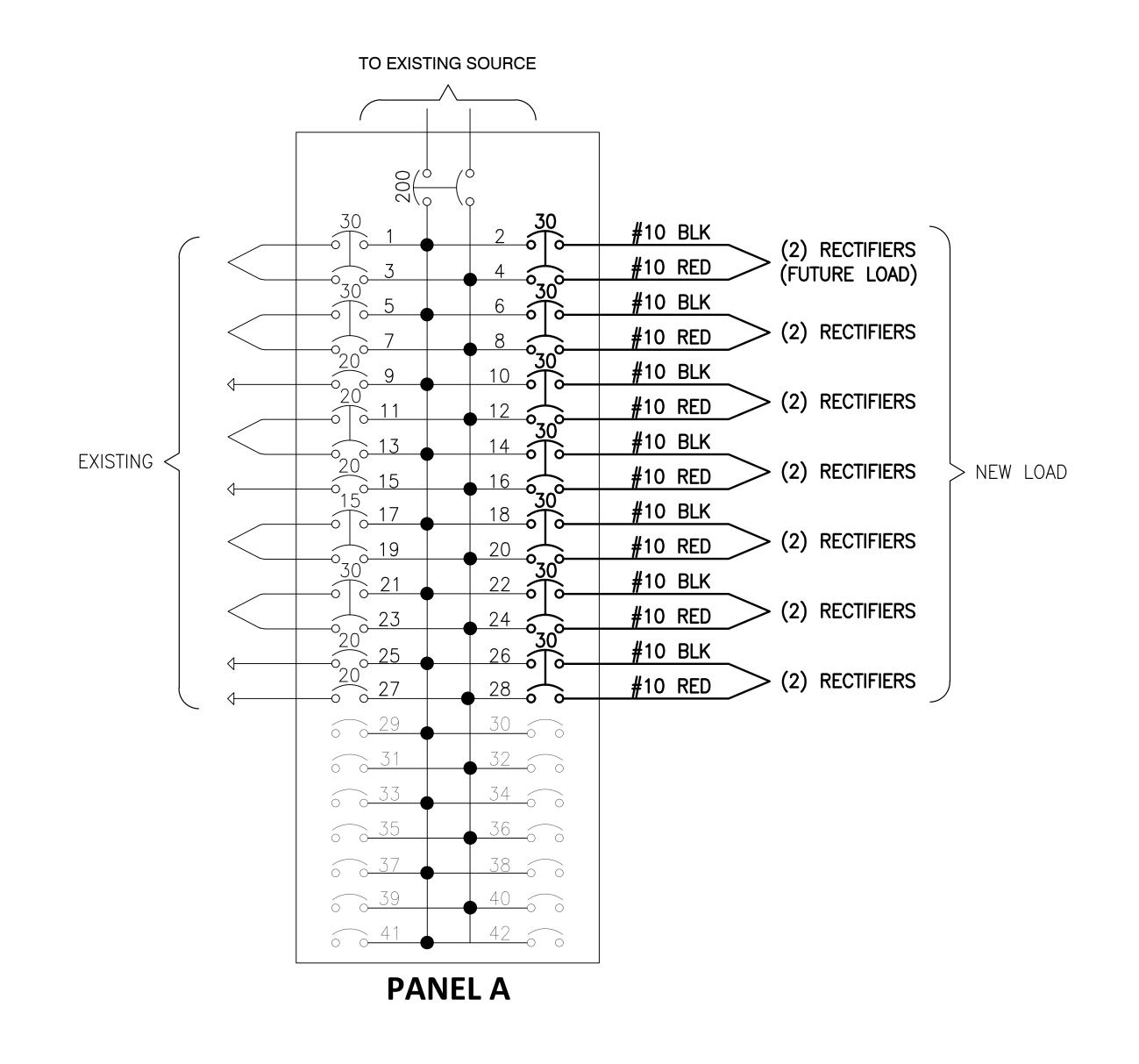
							LO	AD CENTE	R SCHEDU	JLE										
	SITE:]																	
	CDOGGO	VOLTAGE: 120/240								LOCATION/ENCLOSURE: INDOOR TYPE 1										
	SD0880 TECOLOTE RELO)						PHASE:	1											
	72002072712			WIRE: 3																
	PANEL DESIGNATION:		MAIN BREAKER: 200A UM																	
	PANEL A																			
		T		·	1		1	BRACING:	10 KAIC, MAII	N / BRANCH -			T	l			_			
CKT	LOAD DESCRIPTION	BREAKER AMPS	BREAKER POLES	BREAKER STATUS	SERVICE LOAD VA	USAGE FACTOR	C/NC	PHASE A VA	PHASE B VA	C/NC	USAGE FACTOR	SERVICE LOAD VA	BREAKER STATUS	BREAKER POLES	BREAKER AMPS	LOAD DESCRIPTION				
1	LIANC CLIH 1	20	,	ON	3600	0.50	NC	1800					055	,	20	VERTIV (2) RECTIFIERS	T			
3	HAVC CU# 1	30	2	ON	3600	0.50	NC		1800				OFF	2	30	VERTIV (2) RECTIFIERS	Γ			
5	10/46/6/14/2	20	2	011	3600	0.50	NC	3950		NC	1.00	2150	04/	2			20	20	VERTIL (2) DECTIFIEDS	T
7	HVAC CU# 2	30	2	ON	3600	0.50	NC		3950	NC	1.00	2150	ON	2	30	VERTIV (2) RECTIFIERS	ſ			
9	HVAC GFCI	20	1	ON	180	1.00	NC	2330		NC	1.00	2150	04/	2	20	VERTIV (2) DECTIFIEDS	T			
11	LICUTE (DECEDITACIE	20	_	211	600	1.00	С		2750	NC	1.00	2150	ON	2	30	30	VERTIV (2) RECTIFIERS	Ī		
13	LIGHTS / RECEPTACLE	20	2	ON	600	1.00	С	2750		NC	1.00	2150				V5DTU / (2) D5 CTUTUS C	7			
15	RECEPTACLE / TELCO	20	1	ON	360	1.00	NC		2510	NC	1.00	2150	ON	2	30	VERTIV (2) RECTIFIERS	ľ			
17					5	1.00	NC	2155		NC	1.00	2150		2			T			
19	POWER FAIL	15	2	ON	5	1.00	NC		2155	NC	1.00	2150	ON		30	VERTIV (2) RECTIFIERS	ľ			
21			_		0	0.00	NC	2150		NC	1.00	2150					T			
23	SURGE SUPPRESSOR	30	2	ON	0	0.00	NC		2150	NC	1.00	2150	ON	2 30		VERTIV (2) RECTIFIERS	t			
25	SMOKE	20	1	ON	50	1.00	NC	2200		NC	1.00	2150						\dagger		
27	AC PUMP RECEPTACLE	20	1	ON	100	1.00	NC		2250	NC	1.00	2150	ON	2	30	VERTIV (2) RECTIFIERS	f			
 29								0									\dagger			
31									0								†			
33								0									†			
35									0								†			
37								0									\dagger			
39									0								\dagger			
41								0									†			
OTES	<u>;</u>		<u> </u>	l		l .	PHAS	SE A TOTAL VA		17335	1	LEGEND:	<u> </u>	l .			_			
CIRCUIT BREAKERS 10,000 A.I.C.					PHASE B TOTAL VA					17565			MAIN CIRCUI	T BREAKER						
								5% LCL & LML		538		C - CONTINC NC - NON-CO	IUS LUAD ONTINOUS LOA	D						
							12	TOTAL KVA		35.44		1								
								TOTAL AMPS		147.66		1								

- 1. CONTRACTOR SHALL INSTALL AND RUN ANY NEW CONDUCTORS TOGETHER IN A
- NEW 1" EMT CONDUIT NO MORE THAN (6) CURRENT CARRYING CONDUCTORS

 2. ADDITIONAL DC LOAD HAS BEEN INCLUDED IN THE AC LOAD CALCULATIONS.

 3. CONTRACTOR TO VERIFY BREAKER SIZE PER PANEL SCHEDULE IF A BREAKER WILL BE RE-USED.
- 4. CONTRACTOR TO ENSURE BREAKER IS SEATED PROPERLY.

AC PANEL SCHEDULE



AC SINGLE LINE DIAGRAM

IIILE SHEET FOR:											
TECOLOTE RELO											
Legal Description: TR 5353 LOT 111+											
SHEET 17 OF 18 SHEETS	PRJ NO.										
	PMT NO										
MICHAEL SHEWBRIDGE No. C-19797 9730-23 WORKER PARCE MICHAEL SHEWBRIDGE A No. C-19797	E1										

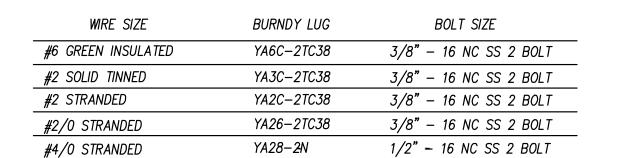


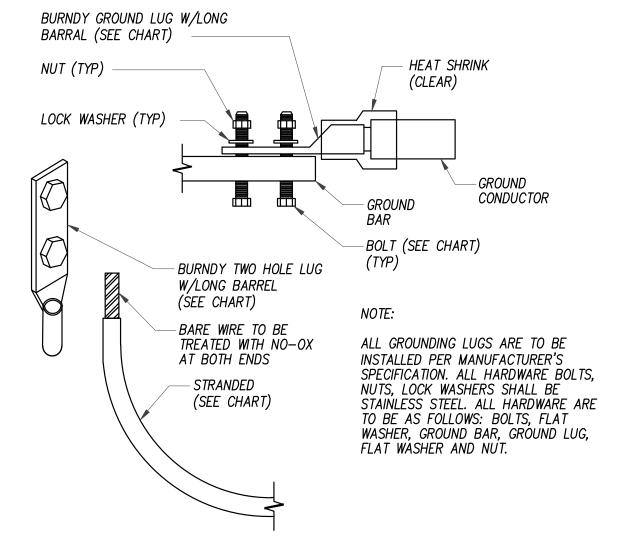




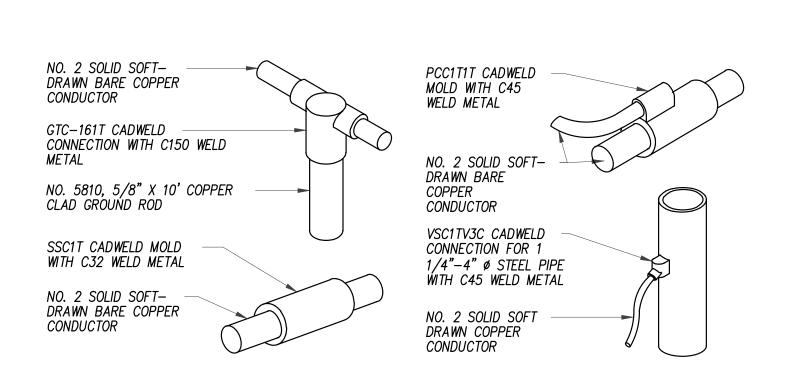
		CONSTRUCTION CHANGE TABLE	
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	CC NO.

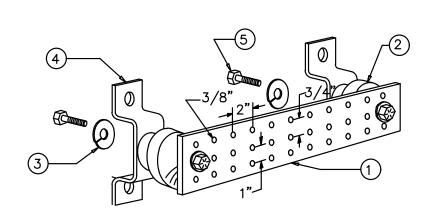
The City of SAN DIEGO SCALE : N/A





MECHANICAL LUG CONNECTION



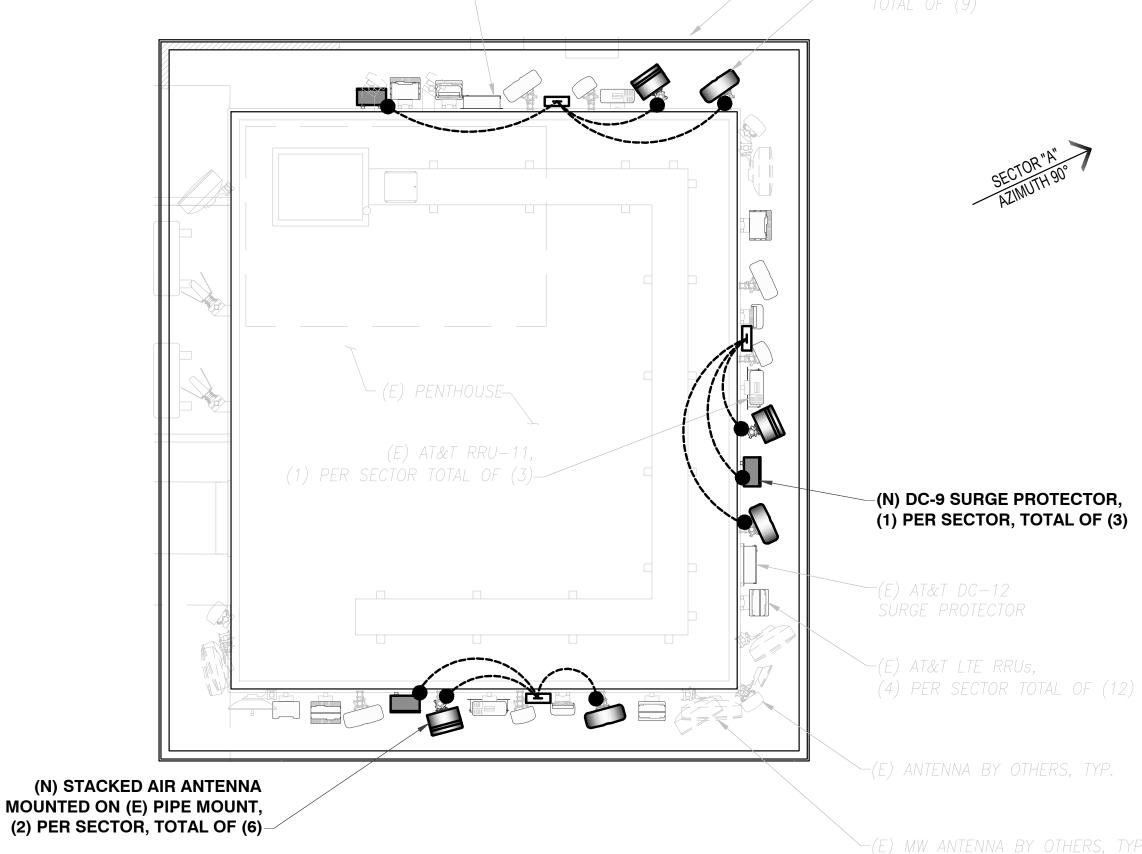


- 1- TINNED COPPER GROUND BAR. 1/4"x4"x20". NEWTON INSTRUMENT CO. CAT. NO. B-6142 OR EQUAL. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION.
- 2- INSULATORS, NEWTON INSTRUMENT CAT. NO. 3061-4
- 3- 5/8" LOCKWASHERS, NEWTON INSTRUMENT CO. CAT. NO. 3015-8
- 4- WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO. CAT NO. A-5056
- 5- 5/8-11 X 1" HHCS BOLTS, NEWTON INSTRUMENT CO. CAT NO. 3012-1

- 1. ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL GROUNDING INSTALLATION REQUIREMENTS AND CONSTRUCTION ACCORDING TO SITE CONDITIONS.
- 2. ALL GROUNDING CONDUCTORS: #2 AWG SOLID BARE TINNED COPPER WIRE UNLESS OTHERWISE NOTED. GROUND BAR LOCATED IN BASE" OF EQUIPMENT WILL BE PROVIDED, FURNISHED AND INSTALLED BY THE
- 4. ALL BELOW GRADE CONNECTIONS: EXOTHERMIC WELD TYPE, ABOVE GRADE CONNECTIONS: EXOTHERMIC
- 5. GROUND RING SHALL BE LOCATED A MINIMUM OF 30" BELOW GRADE OR 6" MINIMUM BELOW THE FROST LINE, WHICH EVER IS DEEPER.
- 6. INSTALL GROUND CONDUCTORS AND GROUND ROD MINIMUM OF 1'-0" FROM EQUIPMENT CONCRETE SLAB, SPREAD FOOTING, OR FENCE.
- EXOTHERMIC WELD GROUND CONNECTION TO FENCE POST: TREAT WITH A COLD GALVANIZED SPRAY. GROUND BARS:
- A. EQUIPMENT GROUND BUS BAR (EGB) LOCATED AT BOTTOM OF ANTENNA POLE/MAST FOR MAKING GROUNDING JUMPER CONNECTIONS TO COAX FEEDER CABLES SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. JUMPERS (FURNISHED BY OWNERS) SHALL BE INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR.
- B. MAIN GROUND BUS BAR (MGB) LOCATED NEAR THE BASE OF THE RADIO EQUIPMENT CABINET(S) SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- ALL GROUNDING INSTALLATIONS AND CONNECTIONS SHALL BE MADE BY ELECTRICAL CONTRACTOR. 10. OBSERVE N.E.C. AND LOCAL UTILITY REQUIREMENTS FOR ELECTRICAL SERVICE GROUNDING.
- 11. GROUNDING ATTACHMENT TO TOWER SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS OR AT GROUNDING POINTS PROVIDED (2 MINIMUM).

3 GROUNDING NOTES MASTER GROUND BAR

> LEGEND EXOTHERMIC CONNECTION MECHANICAL CONNECTION ANTENNA GROUND BAR



TITLE SHEET FOR:

TECOLOTE RELO

Legal Description: TR 5353 LOT 111+

SHEET 18 OF 18 SHEETS

PRJ NO. PMT NO.

MASTER GROUND BAR

CADWELDS

2 ANTENNA GROUNDING PLAN







	CONSTRUCTION CHANGE TABLE										
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	CC NO.								

SCALE: N/A

The City of

SAN DIEGO

DEVELOPMENT SERVICES DEPARTMENT





September 16, 2022

Site Justification Map

SITE ID: *CAL00880 (FA: 10549362)*

CARRIER & PROJECT NAME: TECOLOTE RELO (Rooftop) SITE ADDRESS: 2875 Cowley Way, San Diego, CA 92110

To Whom it May concern:

A new Site Justification Map is not applicable to renew the entitlement for this existing AT&T Wireless Facility. The site will remain in the same location as when it was approved for entitlement by the City of San Diego under Conditional Use Permit 749247 and subsequent City issued Spectrum Act approvals. The site is located at 2875 Cowley Way in the RM-3-7 Residential Clairemont Height Overlay Zone and is surrounded by similarly zoned properties.

Should you have any questions, please do not hesitate to ask. Thank you!

Michele Vernotico

Contractor, AT&T Mobility and Bechtel Infrastructure and Power Corporation SCV Consulting Inc.

Email: Michele@scvgrp.net



619.417.9925 801.910.2965



STEPHANIE@SCVGRP.NET JEFF.VANDERVEEN@SCVGRP.NET





City of San Diego Development Services 1222 First Ave., MS 302 San Diego, CA 92101 (619) 446-5000

Ownership Disclosure Statement

FORM

DS-318

October 2017

Annual Toron Charles and an arrandata has			b D Natable and a selection	Han Damait F	3 Ct-l Dl	t D i t
Approval Type: Check appropriate bo ☐ Neighborhood Development Perm ☐ Tentative Map ☐ Vesting Tentative	it 🛭 Site Dev	velopment Permit 🗆	Planned Developm	nent Permit 🏻	☐ Conditional Use P	
Project Title:				Project No	. For City Use Only	:
Project Address:						
Specify Form of Ownership/Legal S	Status (nleas	se check).				
□ Corporation □ Limited Liability -o	=		Corporate	Identification	n No	
☐ Partnership ☐ Individual			·			
By signing the Ownership Disclosure with the City of San Diego on the sowner(s), applicant(s), and other final individual, firm, co-partnership, joint with a financial interest in the applic individuals owning more than 10% officers. (A separate page may be at ANY person serving as an officer of A signature is required of at least of notifying the Project Manager of an ownership are to be given to the Project and current ownership info	ubject prope incially intered wenture, association. If the off the shares, tached if ned re director off ne of the property changes in bject Manage	erty with the intent of the sted persons of the sociation, social cluber applicant includes of the publicly-owned ressary.) If any person operty owners. Attacownership during the rat least thirty days	to record an encume above referenced of the fraternal organization or padd corporation, including an ization or as truach additional page the time the application to any publication to any publication or	nbrance again property. A tion, corporation, in tion, corporation in the name ganization or stee or beness if needed. Ation is being thearing on the property of the property of the property of the property.	nst the property. P financially interested ition, estate, trust, r clude the names, tit s, titles, and addres a trust, list the name ficiary of the nonp Note: The applicar g processed or cons	Please list below the d party includes any eceiver or syndicate cles, addresses of all ses of the corporate les and addresses of profit organization. In the sidered. Changes in
Property Owner			01			
Name of Individual:				_ □ Owner	☐ Tenant/Lessee	☐ Successor Agency
Street Address:						
City:					State:	Zip:
Phone No.:		Fax No.:		Email:		
Signature:				Date:		
Additional pages Attached:	⊒ Yes	□ No				
Applicant						
Name of Individual:				□ Owner	☐ Tenant/Lessee	☐ Successor Agency
Street Address:						
City:					State:	Zip:
Phone No.:		Fax No.:		Email:		·
Signature:				Date:		
Additional pages Attached:	⊒ Yes	□ No				
Other Financially Interested Perso	ns					
Name of Individual:				☐ Owner	☐ Tenant/Lessee	☐ Successor Agency
Street Address:						
City:					State:	Zip:
Phone No.:						
Signature:						
3	⊒ Yes	□ No				



LETTER OF AUTHORIZATION

LICENSEE NAME: NEW CINGULAR WIRELESS PCS, LLC dba AT&T MOBILITY
ATC SITE # / NAME / PROJECT #: 8577 / MISSION BAY-SORRENTO TOWERS CA / OAA777910
SITE ADDRESS: 2875 COWLEY WAY, SAN DIEGO, CA 92110-1008
APN: 425-670-13-00

I, ________ of SORRENTO TOWER HOUSING PARTNERS L P (Lessor, Property Owner, and or duly authorized agent thereof) of the property identified above do hereby authorize NEW CINGULAR WIRELESS PCS, LLC dba AT&T MOBILITY, American Tower*, their parents, subsidiaries, affiliates, successors, assigns,

contractors, and agents, to act as my non-exclusive agent for the sole purpose of filing and consummating any current or future land-use or construction permit application(s) as may be required by the applicable permitting authorities for the scope of work as outlined below.

TOWER WORK:

- REMOVE (2) ANTENNA PER SECTOR. TOTAL OF (6)
- INSTALL (3) ANTENNA PER SECTOR. TOTAL OF (9)
- INSTALL (1) DC9 SURGE PROTECTOR PER SECTOR, TOTAL OF (3)

EQUIPMENT AREA WORK

- REMOVE (E) POWER PLANT
- REMOVE ALL BATTERY MODULES
- INSTALL NEW DC POWER PLANT W/ (12) RECTIFIERS
- INSTALL (20) BATTERY MODULES IN (E) BATTERY RACK
- INSTALL (1) HSN-8300NA IN (E) TELCO RACK
- INSTALL (3) #6AWG DC POWER TRUNKS

Signature:

Print Name:

Casey Haeling - Manager

SORRENTO TOWER HOUSING PARTNERS L P

NOTARY BLOCK (See California Acknowledgement Attached)

*American Tower as used herein includes any affiliates or subsidiaries of American Tower Corporation



March 24th, 2022

Re: LETTER OF AUTHORIZATION SoCal Market – MCA / LTE MODS

To Whom It May Concern:

SCV Consulting Inc, its employees and agents are authorized representatives of Bechtel Infrastructure and Power Corporation to New Cingular Wireless PCS, LLC, doing business as AT&T Mobility. SCV Consulting, Inc, its employees and agents have been contracted to perform real estate leasing, land-use entitlements, and architectural, construction, and engineering services on behalf of Bechtel Infrastructure who represent AT&T Mobility telecommunications facilities.

As an authorized representative of Bechtel Infrastructure and Power Corporation, its employees and or agents may sign, file, review land-use applications and permits, representing AT&T Mobility at hearings, accept conditions of approval, and negotiate leases on behalf of AT&T Mobility.

Should you have any questions, or need additional information, please do not hesitate to contact me at the above contact information.

Sincerely,

Kapono, Rebecca (RAKAPONO)

(RAKAPONO)

(RAKAPONO)

(RAKAPONO)

Digitally signed by: Kapono, Rebecca
(RAKAPONO)
DN: CN = Kapono, Rebecca(RAKAPONO) C =
US O = Bechtel Global Corporation
Date: 2022.03.24 17:13:42 -07'00'

Rebecca A Kapono
Site Acquisition Manager
AT&T Mobility | MCA/LTE Project | SoCal Market
M:808-250-2261
W:725-223-0856
E: rakapono@bechtel.com