

#### THE CITY OF SAN DIEGO

### Report to the Planning Commission

DATE ISSUED:	July 27, 2023	REPORT NO. PC-23-016
HEARING DATE:	August 3, 2023	
SUBJECT:	Crown Castle/T-Mobile Trout Residence, Proc	ess Four Decision
PROJECT NUMBER:	<u>694722</u>	
OWNER/APPLICANT:	Infinity Trust/Crown Castle -T-Mobile	

#### <u>SUMMARY</u>

<u>Issue(s)</u>: Should the Planning Commission approve a modification to an existing Wireless Communication Facility (WCF) at 4030 Terrace Court in the Mid-City Kensington-Talmadge Community Planning Area?

#### **Staff Recommendations:**

1. Approve Conditional Use Permit (CUP) No. 2610294.

<u>Community Planning Group Recommendation</u>: The Mid-City Kensington-Talmadge Community Planning Group voted 10-0-0, on March 8, 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). The environmental exemption determination for this project was made on March 8, 2023 and the opportunity to appeal that determination ended March 22, 2023. (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.

<u>Code Enforcement Impact</u>: None with this action.

Housing Impact Statement: None with the is action.

#### BACKGROUND

The project is an existing Wireless Communication Facility (WCF) at the rear yard of a single-family residence located at 4030 Terrace Court, in the RS-1-1 Zone, of the Mid-City Kensington-Talmadge Community Planning area (Attachments 1-3). The site is surrounded by residential uses to the North, East, and South, and Interstate-15 to the West.

The original project which consisted of four antennas mounted to the two poles was approved by the City Council, on March 19, 1996 under CUP No. 95-0350-02 which contained a ten-year expiration date condition. This condition was included to allow the City to review this site for future advancement in technology and design. The latest Permit, CUP No. 349062, was approved by the Hearing Officer in June of 2018.

WCFs are allowed in the Residential (RS-1-1) zone with approval of a Conditional Use Permit (CUP) pursuant to San Diego Municipal Code (SDMC) Sections <u>126.0302(b)</u>, and <u>141.0420. (c)(2)(B)</u> Process Four, Planning Commission.

#### **DISCUSSION**

#### Project Description:

The project consists of two poles, 15-feet and 20-feet in height supporting two antennas each located in the rear yard of an existing residence. The associated equipment cabinets are located in the backyard near the poles. There are two permittees with this application. Crown Castle is the telecom site property management operator and through their agreement, T-Mobile is a tenant on their site as the carrier. This permit consists of both Crown Castle and T-Mobile requesting a new CUP with a 10-year term to continue to operate at this location. Crown Castle and T-Mobile are proposing to install new faux ivy to the equipment area for added screening and to deter access.

Pursuant to the updated SDMC Section <u>141.0420</u> for WCFs, various camouflaging techniques shall be employed to reduce all visual impacts. For this existing site, Crown Castle and T-Mobile will continue to limit the number of antennas at this location to four to minimize the number of antennas at this location. Normally, a macro site consists of twelve to sixteen antennas. Furthermore, the antennas will be maintained on slim line poles and all antenna will continue to employ cable managements avoiding any excessive looping of the wires which will ensure an aesthetically pleasing set up as required by our <u>WCF Design Guidelines</u>. The current antenna design will continue to rely on the existing mature landscaping next to the site for integration and screening. Additional screening was considered; however, access to the site presented construction challenges. Given the site constraints, Crown Castle and T-Mobile have agreed to limit their number of antennas as a condition of this permit, not to exceed four. Staff visited this facility on numerous occasions and determined the visibility is primarily from Interstate 15 while other vantage points are properly screened.

The previous permit associated with this WCF expired in June of 2018. A 10-year expiration was added to the previous permit to allow the City to re-evaluate the WCF for advancement in

technology and design. A new application in accordance with the regulations and design requirements at the time of the submittal is required prior to the permit expiration date. In doing such, the City has the opportunity to ensure the WCF is maintained and designed to integrate with the current use and surrounding development. In this case, the existing trees and the sloping nature of the site blends the WCF with the surrounding and none of the areas in the immediate vicinity has a direct view of the poles while the I-15 minimizes the visual impact.



Figure 1. Existing and proposed antennas and equipment screening

On June 29, 2021, a new WCF application was submitted to extend the use of the facility. Under this application, Crown Castle and T-Mobile are proposing to maintain the site as is and to add extended railing around the equipment area and faux green ivy to screen the cabinets. The existing antennas are to remain on the two poles.

Crown Castle and T-Mobile have indicated that this is a vital location for their existing WCF in order to continue coverage. This facility has been in this location for over two decades providing critical voice and data coverage to the surrounding residential area and travelers on Interstate-15. The site is restricted due to its geographic location, and it has been indicated by the applicant that access and construction of any kind will require extensive disruption to the immediate area. Due to limited access to the poles, the existing antennas will remain with no plans to upgrade the antennas. This limitation also prevents significant design constraints and limits Crown Castle and T-Mobile from design changes for additional screening. The limited amount of antenna at this location compared to a full facility and the presence of the existing mature landscape are both reasonable.

#### Community Plan Analysis:

The Mid-City Kensington-Talmadge Community Plan does not address WCFs as a specific land use. However, the General Plan, Section UD-A.15, 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.

This site has been in this location for over a 20-years and the natural landscape, and the trees

planted from the previous permit, has provided coverage. Modification of this site is without major construction and disturbance of the grounds in this area. Additionally, this site is limited to only four antennas and will not be able to accommodate additional antennas based on site constraints. Therefore, staff has determined that the proposed WCF design as is consistent with the General Plan requirements for concealment of the WCFs, by limiting the number of antennas to only four at this location.

The Mid-City Kensington-Talmadge Community Planning Group Voted 10-0-0, on March 10, 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 modifying an existing WCF and would replace old equipment with new without expanding the use of the WCF. The environmental exemption determination for this project was made on March 8, 2023, and the opportunity to appeal that determination ended on March 22, 2023.

#### 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 uses nearby makes this site the only viable candidate at the current height needed to maintain the necessary coverage objective. No lower preference level solutions were available. As a result, Crown Castle and T-Mobile is proposing to remain at this location while maintaining the existing coverage area.

#### Project-Related Issues:

The project retains the existing flush mounted antenna design, directly attached to the poles for a

slim line appearance. The applicant has indicated that construction of any sort, in form of a faux tower or tree is not a viable due to the topographic and site access limitations. Any modification of this site will require a new permit that will include a redesign to comply with the current WCF Regulations for screening and integration of the antennas with the surrounding.

Pursuant to SDMC Section <u>141.421(e)(3)</u> equipment



associated with wireless communication facilities shall be located within an existing building envelope, whenever possible. If an equipment enclosure is necessary, it shall be of a height minimally necessary to conceal the equipment, with an area not to exceed 250 square feet, unless a Neighborhood Development Permit is granted. In this case, the equipment area is about 120 Square-feet, and the applicant has proposed to screen the area in the rear yard by adding extended railing and faux ivy to blend the site with the surrounding landscape to reduce visual impact and to guard against graffiti.

In addition, the antennas are located in the rear yard of the residence with no visibility from the street level and it is not highly visible from the vantage point of the I-15 south or north. Therefore, maintaining the site without screening, will eliminate the need for new construction and disturbance along the major interstate-15 while maintaining the existing data coverage for the vicinity. Lastly, a full facility typically consists of 12 or more antennas; however, due to site constraints, this facility will only support 4 antennas. Limited number of antennas, mounted directly onto the pole, with



ation from Bonnie

existing vegetations blend this site with the surrounding.

#### Conclusion:

The project has been determined by staff to be consistent with the purpose and intent of the applicable development regulations of the San Diego Municipal Code, which includes the development regulations (CUP) Section 126.0302(b), and Wireless Communication Facilities Regulations Section 141.0420(c)(2)(B). Therefore, staff recommends that the Planning Commission approve Conditional Use Permit No. 2610294.

#### **ALTERNATIVES**

- 1. APPROVE CUP No. 2610294, with modifications.
- 2. DENY CUP No. 2610294, if the Planning Commission 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

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Nilia Safi Development Project Manager Development Services Department

Attachments:

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

# Aerial Photograph





Crown Castle/T-Mobile PTS 694722 4030 Terrace Court

sandiego.gov

# Kensington-Talmadge Community Land Use Map





Crown Castle/T-Mobile PTS 694722 4030 Terrace Court **ATTACHMENT 2** 

North

# **Project Location Map**





<u>Crown Castle T-Mobile Trout Residence Project No. 694722</u> 4030 Terrace Court



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

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. 2610294 Crown Castle T-Mobile Trout Residence Project NO. 694722 PLANNING COMMISSION

This Conditional Use Permit (CUP) No. 2610294 is granted by the Planning Commission of the City of San Diego to Infinity Trust, Owner, and Crown Castle/T-Mobile, Permittees, pursuant to San Diego Municipal Code [SDMC] Sections <u>141.0420</u>, <u>126.0302</u>, <u>126.0602</u>. The site is located at 4030 Terrace Court in the RS-1-1 zone of the Mid City Kensington Talmadge-Community Plan. The project site is legally described as: legally described as Lot 14 of "Map of Resubdivision of block 10 and the south 20.00 feet of Glen Road Kensington Park Map No. 1245 and portion of the tract 'K' Normal Heights Map No. 1985" in the City of San Diego, County of San Diego, State of California, according to the map thereof No. 1503 filed in the Office of the Country recorder of San Diego County, December 5, 1912;

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 August 3, 2023, on file in the Development Services Department.

The project shall include:

- A Wireless Communication Facility (WCF) consisting of two poles, 15-foot and 20-foot each in height, supporting two (2) antennas each for a total of four (4) antennas, the equipment cabinets screened with faux green lvy in the rear yard of an existing residence.
- 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.

#### 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 August 17, 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. In light of the current structural capacity of the facility, the Permittees shall be required to redesign the facility if any future antenna and/or related equipment modifications are proposed to the existing antenna structure. To preserve the concealment element and to limit all visual impacts, no additional antennas, replacement antennas, Remote Radio Units, and/or any associated equipment can be added or modified on the existing antenna structure without a new use permit.

4. This Permit and corresponding use of this site shall expire on May 11, 2033. Upon expiration of this approval, the facilities and improvements described herein shall be removed from this site and the property shall be restored to its original condition preceding approval of this permit unless the applicant of record files a new application for a facility which will be subject to compliance with all regulations in effect at the time.

5. 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.

6. 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.

7. 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.

8. 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.

9. 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.

10. The continued use of this Permit shall be subject to the regulations of this and any other applicable governmental agency.

11. 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.).

12. 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.

13. 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.

14. 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.

15. 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 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**:

16. 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.

#### LANDSCAPE REQUIREMENTS:

17. The Owner/Permittee shall be responsible for the maintenance of all landscape improvements shown on the approved plans, including in the right-of-way, unless long-term maintenance of said landscaping will be the responsibility of another entity approved by the Development Services Department. All required landscape shall be maintained consistent with the Landscape Standards in a disease, weed, and litter free condition at all times. Severe pruning or "topping" of trees is not permitted.

18. If any required landscape (including existing or new plantings, hardscape, landscape features, etc.) indicated on the approved construction documents is damaged or removed, the Owner/Permittee shall repair and/or replace in kind and equivalent size per the approved documents to the satisfaction of the Development Services Department within 30 days of damage or Certificate of Occupancy.

#### PLANNING/DESIGN REQUIREMENTS:

19. No more than four antennas as currently identified on the approved Exhibit A shall be allowed.

20. 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.

21. No overhead cabling is permitted.

- 22. The WCF shall conform to the approved construction plans.
- 23. Photo simulations shall be printed in color on the construction plans.

24. 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.

25. 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.

26. Antennas and associated components, such as, but not limited to, remote radio units (RRUs), surge suppressors, etc., shall not exceed the height of any existing or proposed screen walls.

27. Use of or replacement of any building façade or mechanical screen with RF-transparent material for the purpose of concealing antennas shall not result in any noticeable lines or edges in the transition to the original building. All RF-transparent material shall be painted and textured to match the original building and adjacent building surfaces.

28. 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.

29. 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.

30. 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.

31. 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, <u>https://www.sandiego.gov/development-services/codes-regulations/wireless-communicationfacilities</u>, 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 Planning Commission of the City of San Diego on August 3, 2023 and Approved Resolution Number PC-XXXX.

Permit Type PTS Approvl NO.: CUP No. 2610294

Date of Approval: 8-3-2023

AUTHENTICATED BY THE CITY OF SAN DIEGO DEVELOPMENT SERVICES DEPARTMENT

Nilia Safi Development Project Manager

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

**The undersigned Owner/Permittee**, by execution hereof, agrees to each and every condition of this Permit and promises to perform each and every obligation of Owner/Permittee hereunder.

	<b>[Infinity Trust]</b> Owner
	By NAME TITLE
[T-Mobile] Permittee	
By NAME TITLE	
[Crown Castle] Permittee	
By NAME	

TITLE

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

#### **ATTACHMENT 5**

#### Planning Commission RESOLUTION NO. xxxx Conditional Use Permit (CUP) No. 2610294 Crown Castle T-Mobile Trout Residence PROJECT NO. 694722

WHEREAS, Infinity Trust, Owner, and Crown Castle and T-Mobile, Permittees, filed an application with the City of San Diego for a permit to maintain the use of an existing Wireless Communication Facility (as described in and by reference to the approved Exhibits "A" and corresponding conditions of approval for the associated Permit No. 2610294),

WHEREAS, the project site is located at 4030 Terrace Court in the RS-1-1 Zone of the Mid-City Kensington Talmadge Community Plan;

WHEREAS, the project site is legally described as legally described as Lot 14 of "Map of Resubdivision of block 10 and the south 20.00 feet of Glen Road Kensington Park Map No. 1245 and portion of the tract 'K' Normal Heights Map No. 1985" in the City of San Diego, County of San Diego, State of California, according to the map thereof No. 1503 filed in the Office of the Country recorder of San Diego County, December 5, 1912;

WHEREAS, on March 8, 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); 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 August 3, 2023, the Planning Commission of the City of San Diego considered CUP No. 2610294 pursuant to the Land Development Code of the City of San Diego;

BE IT RESOLVED by the Planning Commission of the City of San Diego, that it adopts the following findings with respect to CUP No. 2610294:

#### Findings for Conditional Use Permit Approval [126.0305]:

#### (1) Findings for Conditional Use Permit

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

Crown Castle and T-Mobile are requesting a new permit to continue the use of the existing site with minor modification to extend the railing and add faux ivy to the equipment area for screening without any changes to the existing poles. The site is located at 4030 Terrace Court, in the RS-1-1 Zone of Mid-City Kensington-Talmadge Community Plan. The project consists of two poles, 15-feet and 20-feet in height supporting two antennas each, located in the rear yard of an existing residence, the associated equipment cabinets are located in the backyard near the poles.

The Mid-City Kensington-Talmadge 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.

Crown Castle and T-Mobile are proposing minor modifications to extend the railings to add faux ivy to screen the equipment in the rear yard. Normally, a macro site consists of twelve to sixteen antennas. Furthermore, the antennas will be maintained on slim line poles and all antennas will continue to employ cable managements to avoid any excessive looping of the wires which will ensure an aesthetically pleasing set up as required by our <u>WCF Design Guidelines</u>. The current antenna design will continue to rely on the existing mature landscaping next to the site for integration and screening. Additional screening was considered; however, access to the site presented construction challenges. Crown Castle and T-Mobile, given the site constraints, have agreed to limit their number of antennas to a total of four as a condition of this permit. Staff visited this facility on numerous occasions and determined the visibility is primarily from Interstate 15 while other vantage points are properly screened.

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

Crown Castle and T-Mobile are requesting a new permit to continue the use of the

existing site with a minor modification to extend the railing and add faux ivy to the equipment area for screening without any changes to the existing poles. The project is located at 4030 Terrace Court, in the RS-1-1 Zone of Mid-City Kensington-Talmadge Community Plan. The project consists of two poles, 15-feet and 20-feet in height supporting two antennas each, located in the rear yard of an existing residence, the associated equipment cabinets are located in the backyard near the poles.

The project was determined to be exempt from CEQA pursuant to Section 15302 (replacement). 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. Crown Castle T-Mobile has submitted an RF Report, dated June 18, 2021, 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.

Crown Castle and T-Mobile are requesting a new permit to continue the use of the existing site with minor modification to extend the railing and add faux ivy to the equipment area for screening without any changes to the existing poles. The site is located at 4030 Terrace Court, in the RS-1-1 Zone of Kensington-Talmadge Community Plan. The project consists of two poles, 15-feet and 20-feet in height supporting two antennas each, located in the rear yard of an existing residence, the associated equipment cabinets are located in the backyard near the poles.

Pursuant to SDMC Section 141.0420(e)(1)(2), wireless communication facilities 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 wireless communication facilities 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.

Crown Castle T-Mobile are proposing minor modifications to extend the railing and

add faux ivy to screen the equipment in the rear yard. Normally, a macro site consists of twelve to sixteen antennas. In this case all antennas will be maintained on slim line poles and will continue to employ cable management to avoid any excessive looping of the wires which will ensure an aesthetically pleasing set up as required by our <u>WCF Design Guidelines</u>. The current antenna design will continue to rely on the existing mature landscaping next to the site for integration and screening. While screening the antennas was considered, access to the site presented construction challenges. Crown Castle and T-Mobile, given the site constraints, have agreed to limit their number of antennas as a condition of this permit, not to exceed four in order to reduce modification that would require any form of construction.

Pursuant to SDMC Section <u>141.421(e)(3)</u>, equipment associated with wireless communication facilities shall be located within an existing building envelope, whenever possible. If an equipment enclosure is necessary, it shall be of a height minimally necessary to conceal the equipment, with an area not to exceed 250 square feet, unless a Neighborhood Development Permit is granted. In this case, the equipment area is about 120 Square-feet. The applicant has proposed to screen the area in the rear yard by faux Ivey to blend the site with the surrounding landscape to reduce visual impact and to guard against graffiti. Staff visited this facility on numerous occasions and determined the visibility is primarily from Interstate 15 while other vantage points are properly screened. 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.

Crown Castle and T-Mobile is requesting a new permit to continue the use of the existing site with minor modification to extend the railing and add faux ivy to the equipment area with ex for screening without any changes to the existing poles. The site is located at 4030 Terrace Court, in the RS-1-1 Zone of Mid-City Kensington-Talmadge Community Plan. The project consists of two poles, 15-feet and 20-feet in height supporting two antennas each, located in the rear yard of an existing residence, the associated equipment cabinets are located in the backyard near the poles.

This WCF was originally approved in October of 1996 and 2008 subsequently, providing critical voice and data services to the surrounding areas. There are no changes proposed to the antennas except a minor modification that consists of extending the railing and addition of faux ivy to the screen the equipment. The site has been providing a critical need for data coverage in this area, and maintaining the site as proposed will continue the service. The site has been maintained by the applicant in this location for over twenty years and no code compliance issues have been reported. The project meets the General Plan requirements for design requirements. Therefore, the proposed use with minor modification is appropriate at this location.

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 PLANNING COMMISSION, CUP No. 2610294 is hereby GRANTED by the PLANNING COMMISSION to the referenced Owner/Permittee, in the form, exhibits, terms and conditions as set forth in CUP No. 2610294, a copy of which is attached hereto and made a part hereof.

Nilia Safi Development Project Manager Development Services

Adopted on: August 3, 2023

IO#: 11004545

Page 3	City of Sar	City of San Diego · Information Bulletin 620				
SD	<b>City of San Die</b> <b>Development</b> 1222 First Ave., San Diego, CA	Services MS-302			ity Planning Distribution Form	
Project Name: 4030 Terrace Court WCF		Project N PTS-694	Number: 722			
Community:	4id-City:Kensingtor	n-Talmadge				
<ul> <li>Vote to App</li> <li>Vote to App</li> </ul>	ch for Project Status	" and input	the Project N		EGO. ess project information. Date of Vote: March 08, 2023	
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NUCLEAR ALL SET OF A 1	of Members Yes # of Membe 10		0	# 01 M	/embers Abstain 0	
KTPG supports connection with subject to applitacing vandal	licant including mea	ess Comm sures satis	unication Fac factorily miti	ility located a gating the im	t 4030 Terrace Court, —–	
NAME: David M	Ioty					
TITLE: Chair, Kensington Talmadge Planning			Group	DATE:	March 10, 2023	
	Attach additiona				ments).	

Upon request, this information is available in alternative formats for persons with disabilities. DS-5620 (08-18) ONLINE FORM





3/6/2023





### **PHOTO STUDY & KEY MAP**

PROPOSAL TO OPERATE AN EXISTING COMMUNICATIONS FACILITY

Crown Castle/T-Mobile "Terrace Ct /Trout" 4030 Terrace Court San Diego, CA 92116

Prepared for: City of San Diego Development Services Department 1222 First Avenue San Diego, CA 92101

Prepared by:

PlanCom, Inc. Contractor Representatives for Crown Castle

302 State Place Escondido, CA 92029 Contact: Shelly Kilbourn, Planning Consultant (619) 208-4685

July 5, 2021



South Elevation from Adams Ave - Not Visible



Southwest Elevation from Bonnie Ct



West Elevation



View North



View South



View West



Aerial View



THE CITY OF SAN DIEGO

### Date of Notice: March 8, 2023 NOTICE OF RIGHT TO APPEAL ENVIRONMENTAL DETERMINATION DEVELOPMENT SERVICES DEPARTMENT

SAP or I.O. No. 11004545

PROJECT NAME / NUMBER: T-Mobile Trout Residence/ 694722
COMMUNITY PLAN AREA: Mid-City Talmadge
COUNCIL DISTRICT: 9
LOCATION: 4030 Terrace Court San Diego, CA 92116

**PROJECT DESCRIPTION:** Conditional Use Permit (CUP) & Planned Development Permit (PDP) to continue operation of an existing wireless facility (WCF) consisting of two poles. The project would remove some existing equipment including pipe mounts and atnennas and replace with new. The project is located at 4030 Terrace Court, in the Mid-City Commuity Plan, RS -1-1 zone and Council District 9. The WCF in unmanned and is not for human habitation.

ENTITY CONSIDERING PROJECT APPROVAL: City of San Diego Planning Commission

**ENVIRONMENTAL DETERMINATION:** Categorically exempt from CEQA pursuant to CEQA State Guidelines, Section 15302 (Replacement).

**ENTITY MAKING ENVIRONMENTAL DETERMINATION:** City of San Diego, Development Services Department

**STATEMENT SUPPORTING REASON FOR ENVIRONMENTAL DETERMINATION:** The City of San Diego conducted an environmental review which determined that the proposed project is exempt from CEQA pursuant to CEQA Guidelines 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 modifying an existing WCF and would replace old equipment with new without expanding the use of the WCF. No environmental impacts were identified for the proposed project and none of the exceptions described in CEQA Guidelines Section 15300.2 apply.

Nilia Safi 1222 First Avenue, MS 501, San Diego, CA 92101-4153 (619) 446-5236 / <u>Nsafi@sandiego.gov</u>

On March 8, 2023 the City of San Diego made the above-referenced environmental determination pursuant to the California Environmental Quality Act (CEQA). This determination is appealable to the City Council. If you have any questions about this determination, contact the City Development Project Manager listed above.

Applications to appeal CEQA determination made by staff (including the City Manager) to the City Council must be filed in the office of the City Clerk by 5:00pm within 10 business days from the date of the posting of this Notice (March 22, 2023– end of appeal period date). Appeals to the City Clerk must be filed by email or in-person as follows:

- <u>Appeals filed via E-mail</u>: The Environmental Determination Appeal Application Form <u>DS-3031</u> can be obtained at <u>https://www.sandiego.gov/sites/default/files/legacy/development-services/pdf/industry/forms/ds3031</u>. Send the completed appeal form (including grounds for appeal and supporting documentation in pdf format) by email to <u>Hearings1@sandiego.gov</u> by 5:00p.m. on the last day of the appeal period; your email appeal will be acknowledged within 24 business hours. You must separately mail the appeal fee by check payable to the City Treasurer to: City Clerk/Appeal, MS 2A, 202 C Street, San Diego, CA 92101. The appeal filing fee must be United States Postal Service (USPS) postmarked) before or on the final date of the appeal. Please include the project number on the memo line of the check.
- 2) <u>Appeals filed in person</u>: Environmental Determination Appeal Application Form <u>DS-3031</u> can be obtained at <u>https://www.sandiego.gov/sites/default/files/legacy/development-services/pdf/industry/forms/ds3031.pdf</u>. Bring the fully completed appeal application <u>DS-3031</u> (including grounds for appeal and supporting documentation) to the City Administration Building—Public Information Counter (Open 8:00am to 5:00pm Monday through Friday excluding City-approved holidays), 1st Floor Lobby, located at 202 C Street, San Diego, CA 92101, by 5:00pm on the last day of the appeal period. The completed appeal form shall include the required appeal fee, with a check payable to: City Treasurer.

The appeal application can also be obtained from the City Clerk, 202 'C' Street, Second Floor, San Diego, CA 92101.

This information will be made available in alternative formats upon request.

#### Crown Castle – Terrace Court SITE JUSTIFICATION REPORT 4030 Terrace Court

#### PROJECT DESCRIPTION

Crown Castle is requesting approval to continue operating an existing T-Mobile wireless communication facility on a residential property located at 4030 Terrace Court in the Kensington community. The property is developed with a single family residence and an AT&T wireless facility. It is surrounded by open space, I-15 freeway and residential development beyond. An aerial photograph of the property and surrounding area has been provided behind Tab 1.

The subject property is a Preference 4 location under Council Policy 600-43. It is zoned RS-1-7 and developed with a residence. The property is designated in the community plan residential uses. A zoning justification map has been provided behind Tab 2 to demonstrate the RS-1-7 zone of the subject property as well as to identify surrounding T-Mobile sites. A Conditional Use Permit (Process 4) is required for this project.

The existing wireless facility consists of two 20'-9" poles housing two (2) antennas each for T-Mobile. The WCF was previously approved in June 2008 with a 10-year expiration until June 2018. The existing wireless facility houses four (4) directional antennas. The associated equipment is located on a platform deck adjacent to the AT&T equipment enclosure. The equipment is screened from view by existing railings and landscaping, but additional screening is being added as part of this project. No other changes to the facility are proposed at this time.

#### **COVERAGE CONSIDERATIONS**

The existing wireless facility has been located on this property since 1995, providing critical voice and data service to the surrounding area. Continued operation of this site is necessary to maintain the existing levels of service to the area for T-Mobile customers. The site is an integral part of T-Mobile's network, as the site's operation is closely coordinated with other sites in the area.

Coverage maps have been provided behind Tab 3 to demonstrate the existing coverage provided by this site and the predicted loss of coverage without the site. As indicated on the maps, the loss of the existing coverage footprint could result in significant impacts to those traveling both northbound and southbound on the I-15 freeway as well as the residences located on the east and west sides of the freeway. Currently, over half of US households are "wireless-only," and businesses are starting to follow that trend. A degradation of the existing service could have a significant impact on T-Mobile customers' essential communications services.

#### SITE DESIGN AND LOCATION CONSIDERATIONS

This wireless facility is located at the eastern side of the I-15 freeway as it curves toward the I-8 freeway interchange. The facility is immediately surrounded by open space and the freeway with residential uses beyond. The existing 20'-" poles are surrounded by existing landscaping and trees. The pole is currently painted green to blend with the surrounding landscaping and are minimally visible from any vantage point as they are located in a canyon surrounded by mature landscaping. Additionally the site is located adjacent to a curved portion of the freeway where visibility by travelers is limited due to travel speed, location, and topography.

The four (4) antennas are unscreened on the poles. Due to the topography and the property location, obtaining access to the property for any major design upgrades is limited. Large construction equipment and/or cranes necessary to modify or replace the site cannot access the property. Terrace Court is a narrow alley type street with homes close to the street and each other. There is no space for large equipment to be placed on Terrace Court nor area for any staging without blocking the street to the existing residents. Access from the freeway is unsafe due to the limited shoulder area and traffic speeds along that stretch.

This site has been providing service in this location since 1995. The site is unobtrusive in a canyon at the edge of the freeway, surrounded by mature landscaping and varying topography. No alternative locations have been considered, because any change in location would negatively impact T-Mobile's customers' existing service. Any change or degradation in service would directly contravene T-Mobile's commitment to improving the reliability and performance of their networks and their customers' wireless experience. Allowing this site to continue operating will ensure that existing T-Mobile customers are not impacted.

Attachments:

Tab 1 – Aerial photograph of existing facility

- Tab 2 Zoning Justification Map
- Tab 3 Radio Frequency Coverage Map
Attachment 10

# Aerial Photograph Tab 1



Attachment 10

# Zoning Justification Map Tab 2



Attachment 10

## Coverage Map Tab 3

Crown Castle 827537 Terrace Ct Attachment 10 4030 Terrace Ct. San Diego, CA 92116

CROWN

**T-Mobile** 



ie Ct

Adams Ave

### Coverage without site

## Coverage with site

Park Pl

Simulated Coverage 2004 POOR FAIR

GOOD

# T - Mobile - -

# T-MOBILE SITE NUMBER:SD06019AT-MOBILE SITE NAME:SD019 TROUTT-MOBILE PROJECT:L600

BUSINESS UNIT #: SITE ADDRESS: COUNTY: SITE TYPE: TOWER HEIGHT: 827537 <sup>4030</sup> TERRACE CT SAN DIEGO, CA 92116 SAN DIEGO SINGLE USE TOWER 20'-0''

SITE INFORMATION		DRAWING INDEX	LOCATION MAP				
CROWN CASTLE USA I	NC. SD019	SHEET # SHEET DESCRIPTION	Eugene pj. de				
SITE NAME:		T-1 TITLE SHEET	Sugene pr				
SITE ADDRESS:	4030 TERRACE CT SAN DIEGO, CA 92116	T-2 GENERAL NOTES	AVE SALE SALE SALE SALE SALE SALE SALE SAL				
COUNTY:	SAN DIEGO	C-1.1 & OVERALL SITE PLAN	Se avorfolk Terrace				
MAP/PARCEL #:	440-500-27-00						
AREA OF CONSTRUCT		C-1.2 EXISTING & NEW SITE PLANS					
LATITUDE:	32° 45' 56.03"	C-2.1 TOWER ELEVATIONS	A TEL				
LONGITUDE:	-117° 06' 33.61"	C-2.2 TOWER ELEVATIONS	SIL				
LAT/LONG TYPE:	NAD83	C-3 ANTENNA PLANS	Biona Ay				
GROUND ELEVATION	: 332 FT.	C-4 FINAL EQUIPMENT SCHEDULE					
CURRENT ZONING:	RS-1-1	C-5 EQUIPMENT SPECS	Solo Solo Charles Calgorian Visit				
JURISDICTION:	CITY OF SAN DIEGO						
OCCUPANCY CLASSIFI	CATION: U	G-1 GROUNDING DETAILS					
TYPE OF CONSTRUCT	ION: IIB	RF-1 PLUMBING DIAGRAM	Collier Ave				
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION		Vons Saltont Ave				
PROPERTY OWNER:	SBA TOWERS VIII LLC 8051 CONGRESS AVE BOCA RATON, FL 33487	ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR	😗 — 🗊 Disatilare Italian Rite Aid 😇 🎽 Parcets 🗊 Sophie's 📾				
TOWER OWNER:	CCTMO LLC 2000 CORPORATE DRIVE CANONSBURG, PA 15317	FULL SIZE. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING	Adams Ave Adams Ave Adams Ave Adams Ave Adams Ave Adams A				
CARRIER/APPLICANT:	T-MOBILE 10509 VISTA SORRENTO PKWY, SUITE 206 SAN DIEGO, CA 92121	WITH THE WORK OR BE RESPONSIBLE FOR SAME.	John Adams Elementary School				
			Clementary School &				
ELECTRIC PROVIDER:	SAN DIEGO GAS & ELECTRIC (800) 611-7343	CALL CALIFORNIA ONE CALL 811/(800) 422-4133 CALL 3 WORKING DAYS					
ELECTRIC PROVIDER:		811/(800) 422-4133 CALL 3 WORKING DAYS BEFORE YOU DIG!	No SCALE				
TELCO PROVIDER:	(800) 611-7343 AT&T	CALL 3 WORKING DAYS	NO SCALE APPLICABLE CODES/REFERENCE DOCUM				
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TELCO PROVIDER: A&E FIRM: CROWN CASTLE USA INC. DISTRICT	(800) 611-7343 AT&T (866) 620-6900 <b>PROJECT TEAM</b> M SQUARED WIRELESS 1387 CALLE AVANZADO SAN CLEMENTE, CA 92673 200 SPECTRUM CENTER DRIVE, SUITE 1700 & 1800 IRVINE, CA 92618 MEGAN LENCEK - PROJECT MANAGER (949) 344-7797	CALL 3 WORKING DAYS BEFORE YOU DIG! PROJECT DESCRIPTION THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY. TOWER SCOPE OF WORK: • REMOVE (2) (E) PIPE MOUNTS AND IT'S CONNECTION, (1) PER SECTOR • INSTALL (4) SITEPRO 1 CWT01 ANTENNA MOUNT (2 PER SECTOR, 1 AT TOP, 1 AT BOTTOM) • RELOCATE (2) (E) AIR21 B2A B4P ANTENNAS TO (N) MOUNTS • RELOCATE (2) (E) AIR21 B2P B4A ANTENNAS TO (N) MOUNTS • INSTALL (2) COMMSCOPE FFHH-65A-R3 ANTENNAS AT EXISTING PIPE MOUNTS	APPLICABLE CODES/REFERENCE DOCUM           ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF TH           THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONF <u>CODE TYPE</u> <u>BUILDING</u> 2016 CALIFORNIA BUILDING CODE/2015 IBC           MECHANICAL         2016 CALIFORNIA MECHANICAL CODE/2015 UMC           ELECTRICAL         2016 CALIFORNIA ELECTRICAL CODE/2014 NEC				
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#### CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

- NOTICE TO PROCEED- NO WORK SHALL COMMENCE PRIOR TO CROWN CASTLE USA INC. WRITTEN NOTICE TO PROCEED (NTP) AND THE ISSUANCE OF A PURCHASE ORDER. PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN CASTLE USA INC. NOC AT 800-788-7011 & THE CROWN CASTLE USA INC. CONSTRUCTION MANAGER. "LOOK LIP" - CROWN CASTLE LISA INC. SAFETY CLIMB REQUIREMENT:
- THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. TOWER MODIFICATION, MOUNT REINFORCEMENTS DURING ALL STALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OR FUNCTIONAL USE OF THE SAFETY AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OR FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE ROPE, BENDING OF THE WIRE ROPE FROM ITS SUPPORTS, DIRECT CONTACT OR CLOSE PROXIMITY TO THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR CROWN CASTLE USA INC. POC OR CALL THE NOC TO GENERATE A SAFETY CLIMB MAINTENANCE AND CONTRACTOR NOTICE TICKET.
- PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED. THIS INCLUDES, BUT IS NOT LIMITED TO, BUILDING, ELECTRICAL, MECHANICAL, FIRE, FLOOD ZONE, ENVIRONMENTAL, AND ZONING. AFTER ONSITE ACTIVITIES AND CONSTRUCTION ARE COMPLETED, ALL REQUIRED PERMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REQUIREMENTS.
- OUT ACCURDING TO LOCAL JUNISDICTIONAL REQUIREMENTS. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN, AND SHALL MEET ANSI/ASSE A10.48 (LATEST EDITION); FEDERAL, STATE, AND LOCAL REGULATIONS; AND ANY APPLICABLE INDUSTRY CONSENSUS STANDARDS RELATED TO THE CONSTRUCTION ACTIVITIES BEING PERFORMED. ALL RIGGING PLANS SHALL ADHERE TO ANSI/ASSE A10.48 (LATEST EDITION) AND CROWN CASTLE USA INC. STANDARD CED-STD-10253, INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA-322 (LATEST EDITION).
- ALL SITE WORK TO COMPLY WITH QAS-STD-10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE" AND LATEST VERSION OF ANSI/TIA-1019-A-2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS."
- IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH
- PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. 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 THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS. THE CONTENTOR TO AND LAND AUTOMATION AND CARDINATIONS AND APPLICABLE REGULATIONS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S
- RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION THE CONTRACT STALL CONTRACT OFFICE CAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) 10.
- ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E) CONSTRUCTION SAFETY PROCEDURES. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS, LATEST APPROVED REVISION.
- CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT THE COMPLETION OF THE WORK. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
   ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION
- OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF CONTRACTOR, TOWER OWNER, CROWN CASTLE USA INC., AND/OR LOCAL UTILITIES.
- THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE REQUIRED BY LOCAL JURISDICTION AND SIGNAGE REQUIRED ON INDIVIDUAL PIECES OF EQUIPMENT, RO 14 ROOMS. AND SHELTERS.
- 15. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT AND TOWER ARFAS
- 16. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
- THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DRAWINGS AND/OR PROJECT SPECIFICATIONS. 17.
- CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL. 18.
- THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES, ANY 19. DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER. 20. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND
- OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED | OCATION CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON
- A DAILY BASIS
- 22. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

#### GREENFIELD GROUNDING NOTES:

- ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC
- THE CONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE
- TESTING RESULTS. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED RONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS
- METAL CONDUCT AND TRATS TABLE BE GROUNDED AND MADE ELECTRICALET CONTINUOUS WITH LISTED BUNDING FITTINGS OR BT BUNDING ARCOSS THE DISCUMINION WITH #0 COPPER WIRE OF APPROVED GROUNDING THE CONDUCT CLAMPS. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT. EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 BARE SOLID TINNED
- COPPER FOR OUTDOOR BTS. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
- ALL EXTERNIC WELDS IN THE ORDINO BUS SHALL BE SED FOR ALL GROUNDING CONNECTIONS BEAR TO DEPOSITE SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED. ALUMINUM CONDUCTOR OR COOPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.

- EXCIDENTIC EVENTS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS. ICE BRIDGE BONDING CONNECTIONS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR. APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
- MISCELLANEOUS LECCINCIC AND NON-ELECTRICAL METAL BOXES, PRAMES AND SOPPORTS SHALL BE BONDED TO THE GROUND KING, IN ACCORDANCE WITH THE NEC. BOND ALL METALLIC OBJECTS WITHIN 6 ft of main ground ring with (1) #2 bare solid tinned copper ground conductor, GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTHING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, MET. SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (i.e., NOMMETALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT. 20. ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE GRADE MUST BE #2 BARE SOLID TINNED COPPER IN 3/4" NON-METALLIC, FLEXIBLE CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD-WELD TERMINATION POINT. THE EXPOSED END OF THE CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL). 21. BUILDINGS WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO BRADE, THE CONTRACTOR 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 2/0 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).

- GENERAL NOTES:
- FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY: CONTRACTOR: GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION CARRIER: T-MOBILE
  - TOWER OWNER: CROWN CASTLE USA INC.
- TOWER OWNER: CROWN CASTLE USA INC. THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. IT IS ASSUMED THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKPEOPLE WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN DATA THE DURINGE OF THE ADVENTION OF ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
- MISCELLANEOUS WORK NOT EXPLICITLY SHOWN. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE CONTRACTOR SHALL PROVIDE ALL MEASURES INCESSARY FOR PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, FORWNORK, SHORING, ETC. SITE VISITS BY THE ENGINEER OR HIS REPRESENTATIVE WILL NOT INCLUDE INSPECTION OF THESE ITEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY.
- INSPECTION OF THESE TIEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY. NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE GREATER, MORE STRICT REQUIREMENTS, SHALL GOVERN. IF FURTHER CLARIFICATION IS REQUIRED CONTACT THE ENGINEER OF RECORD. SUBSTANTIAL EFFORT HAS BEEN MADE TO PROVIDE ACCURATE DIMENSIONS AND MEASUREMENTS ON THE DRAWINGS TO
- ASSIST IN THE FABRICATION AND/OR PLACEMENT OF CONSTRUCTION ELEMENTS BUT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE DIMENSIONS, MEASUREMENTS, AND/OR CLEARANCES SHOWN IN THE CONSTRUCTION DRAWINGS PRIOR TO FABRICATION OR CUTTING OF ANY NEW OR EXISTING CONSTRUCTION ELEMENTS.
- CONSTRUCTION DRAWINGS PRIOR TO FABRICATION OR CUTTING OF ANY NEW OF EXISTING CONSTRUCTION ELEMENTS. IF IT IS DETERMINED THAT THERE ARE DISCREPANCIES AND/OR CONFLICTS WITH THE CONSTRUCTION DRAWINGS THE ENGINEER OF RECORD IS TO BE NOTIFIED AS SOON AS POSSIBLE. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL WIST THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CROWN CASTLE. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE BROUGHT TO THE ATTENTION OF CROWN CASTLE. ORDINANCES, RULES, REGULATIONS AND 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 THE 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, APPLYRTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL INSTALLE ADDRET AND MATERIALS, EQUIPMENT, APPLYRTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.

- THE CONTRACTOR SHALL INSTALLATION AS INDICATED ON THE UNRAWINGS. THE CONTRACTOR SHALL INSTALLAL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CARRIER AND CROWN CASTLE PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION. CONTRACTOR IS TO PERFORM A SITE INVESTIGATION. AND IS TO DETERMINE THE BEST ROUTING OF ALL CONDUITS FOR POWER, AND TELCO AND FOR GROUNDING CABLES AS SHOWN IN THE POWER, TELCO, AND GROUNDING PLAN PDAWINGS
- DRAWINGS. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES, ANY
- 12. DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF CROWN CASTLE USA INC. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND
  - OTHER ITEMS REMOVED FROM THE EXISTING FACILITY, ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION
- CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON DAILY BASIS

#### CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST-IN-PLACE CONCRET
- LESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED BE 1000 psf.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE. NO MORE THAN 90 MINUTES SHALL ELAPSE FROM BATCH TIME TO TIME OF PLACEMENT UNLESS APPROVED BY THE ENGINEER OF RECORD. TEMPERATURE OF CONCRETE SHALL NOT EXCEED 90'F AT TIME OF PLACEMENT
- CONCRETE EXPOSED TO FREEZE-THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES. AMOUNT OF AIR ENTRAINMENT TO BE BASED ON SIZE OF AGGREGATE AND F3 CLASS EXPOSURE (VERY SEVERE). CEMENT USED TO BE TYPE IL PORTLAND CEMENT WITH A MAXIMUM WATER-TO-CEMENT RATIO (W/C) OF 0.45.
- ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185, ALL SPLICES SHALL BE CLASS "B" TENSION SPLICES, UNLESS NOTED OTHERWISE, ALL HOOKS SHALL BE STANDARD 90 DEGREE HOOKS, UNLESS NOTED OTHERWISE, YIELD STRENGTH (Fy) OF STANDARD DEFORMED BARS ARE AS FOLLOWS 4 BARS AND SMALLEF 40 ks
- #5 BARS AND LARGER THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS: .3'

2"

1 - 1/2" 3/4"

- CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH . CONCRETE EXPOSED TO EARTH OR WEATHER #6 BARS AND LARGER
- #5 BARS AND SMALLER CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
- SLAB AND WALLS
- BEAMS AND COLUMNS A TOOLED EDGE OR A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

- ELECTRICAL INSTALLATION NOTES:
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES/ORDINANCES.
- CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED. 2
- NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC. ALL CIRCUITS SHALL BESEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC. ALL EQUIREMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE. ALL OVERCURRENT OF THE NATIONAL ELECTRICAL CODE. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING THAT SHALL BE GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 20,000 ALC MINIMUM, VERYIFY AVAILABLE SHORT CIRCUIT CURPENT DOFS NOT EVERED THE PATING CO ELECTRICAL MOUNDENT IN ACCORDANCE WITH APTICLE
- 4.2
- I'HE SHORT CURRENT DOES NOT EXCEED THE TARE SUBJECTED, 20,000 AIC MINIMUM VERTIFT AVMILABLE SHO CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADOPTED CODE PRE THE GOVERNING JURISDICTION. EACH END OF EVERY POWER PHASE CONDUCTOR, GROUNDING CONDUCTOR, AND TELCO CONDUCTOR OR CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2" PLASTIC ELECTRICAL
- TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC AND OSHA. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH LAMICOID TAGS SHOWING THEIR RATED VOLTAGE.
- PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (i.e. PANEL BOARD AND CIRCUIT ID'S).
- PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES. ALL POWER AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE COPPER CONDUCTOR (#14
- UNLESS OTHERWISE SPECIFIED. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE COPPER CONDUCTOR (#6 OR
- LARGER) WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI-CONDUCTOR, TYPE SOOW CORD (#14 OR
- LARGER) UNLESS OTHERWISE SPECIFIED. 12
- OTHERWISE SPECIFIED. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY 13
- THOMAS AND BETTS (OR EQUAL). LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION NOT LESS THAN 75 C C IF AVAILABLE) ACCEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL,
- ANSI/IFEE AND NEC. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
- 16. ELECTRICAL METALLIC TUBING (EMT) OR METAL-CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR OCATIONS
- SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/90s AND ALL APPROVED ABOVE GRADE PVC CONDUIT.

- ANSI/IEEE AND THE NEC. WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWWARDS (WREMOLD SPECMATE WREWAY). SLOTTED WRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
- 22. 23. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON-PERFORATED STRAPS AND HANGERS. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON-PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER-ACTUATED) FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. PARALLEL AND PERFENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR DOBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TEMPORARILY CAPPED FLUSH TO FINISH GRADE TO PREVENT CONCRETE, PLASTER OR DIRT FROM ENTERING. CONDUITS SHALL BE RIGIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL. SHALL MEET OR EXCEED UL 50 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR IOCATIONS AND NEMA 3R. (OR BETTER) FOR EXTERIOR LOCATIONS
- 25.
- AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
- 26. NOMMETALLIC RECEPTACLE, SWITCH AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2 (NEWEST REVISION) AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS. 27
- 28.
- 29. INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "T-MOBILE".
- 30. ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

SYSTEM	CONDUCTOR	COLOR		
	A PHASE	BLACK		
120/240V, 1Ø	B PHASE	RED		
120/2400, 10	NEUTRAL	WHITE		
	GROUND	GREEN		
	A PHASE	BLACK		
	B PHASE	RED		
120/208V, 3Ø	C PHASE	BLUE		
	NEUTRAL	WHITE		
	GROUND	GREEN		
	A PHASE	BROWN		
	B PHASE	ORANGE OF PURPLE		
277/480V, 3Ø	C PHASE	YELLOW		
	NEUTRAL	GREY		
	GROUND	GREEN		
DC VOLTAGE	POS (+)	RED**		
DC VOLTAGE	NEG (-)	BLACK**		

ABBRE	VIATIONS:
ANT	ANTENNA
(E)	EXISTING
FIF	FACILITY INTERFACE FRAME
GEN	GENERATOR
GPS	GLOBAL POSITIONING SYSTEM
GSM	GLOBAL SYSTEM FOR MOBILE
LTE	LONG TERM EVOLUTION
MGB	MASTER GROUND BAR
MW	MICROWAVE

(N) NEC

(P)

OR LARGER) WITH TYPE THHW. THWN. THWN-2, XHHW. XHHW-2, THW. THW-2, RHW. OR RHW-2 INSULATION

POWER AND CONTROL WRING FOR USE IN CABLE TRAY SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (#14 OR LARGER), WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS

LOCATIONS AND NEMA STATES FOR EXTERIOR LOCATIONS. METAL RECEPTACLE, SWITCH AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS

LATEINON EDGATIONS. THE CONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CARRIER AND/OR CROWN CASTLE USA INC. BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS. THE CONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD LIFE AND PROPERTY.

**T** · · Mobile · · · 3257 EAST GUASTI ROAD, SUITE 200

ONTARIO, CA 91764





1387 CALLE AVANZADO SAN CLEMENTE CA 92673 (949) 391-6824

#### T-MOBILE SITE NUMBER: SD06019A

BU #: 827537 **SD019** 

4030 TERRACE CT SAN DIEGO, CA 92116

EXISTING 20'-0" SINGLE USE TOWER

#### **ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES./QA
2	06/28/2019	AP	100% REVISED	JAC
3	08/07/2019	ĒG	100% REVISED	JAC
4	08/24/2019	NC	100% REVISED	JAC
5	07/16/2022	DR	100% REVISED	JAC
⚠	05/04/2022	EZG	100% REVISED - JX	RDL



DATE SIGNED: 05/04/2022

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. TO ALTER THIS DOCUMENT

REVISION:

0

SHEET NUMBER:

RECTIFIER RADIO BASE STATION REMOTE ELECTRIC TILT RADIO FREQUENCY DATA SHEET REMOTE RADIO HEAD REMOTE RADIO UNIT SMART INTEGRATED DEVICE TOWER MOUNTED AMPLIFIER TYPICAL UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM WORK POINT

OUANTITY

RECT RBS RET RFDS

RRH RRU

SIAD TMA TYP UMTS W.P.



















NOTE: PRIOR TO ORDERING ANTENNAS, VERIFY CORRECT MODEL NUMBER WITH LATEST REDS AND NOTIFY ENGINEER OF RECORD IMMEDIATELY IF DISCREPANCY IS FOUND.

	FINAL EQUIPMENT SCHEDULE (VERIFY WITH CURRENT RFDS)																	
ALPHA	ALPHA ANTENNA RADIO DIPLEXER TMA SURGE PROTECTION CABLES																	
POSITION	TECH.	STATUS/MANUFACTURER MODEL	AZIMUTH	RAD CENTER	QTY.	STATUS/MODEL	LOCATION	QTY.	STATUS	LOCATION	QTY.	STATUS	QTY.	STATUS/MODEL	QTY.	STATUS/TYPE	SIZE	LENGTH
A1	L600 L700	(N) COMMSCOPE FFHH-65A-R3	340'	19'-0"	1	(N) RRUS 4449 B12/B71	TOWER	_	_	-	_	_	-	_	2	(E) COAX	1/4"	20'-0"
A2	L2100	(E) ERICSSON AIR21 B2P-B4A	340'	19'-0"	-	_	-	-	-	_	-	-	-	_	4	(N) DC POWER CABLE REEL 6AWG	7/8"	20'-0"
A3	G1900 U1900	(E) ERICSSON AIR21 B2A-B4P	340'	19'-0"	_	_	_	_	_	_	2	(E)	_	_	2	(E) COAX	1/2"	20'-0"
AS	U1900	(E) ERICSSON AIRZT BZA-B4P	340	19 -0	-	_	_	_	_	Ι	2	(Ľ)	-	_	2	(E) HYBRID	1-3/8"	20'-0"
BETA	BETA																	
В1	L600 L700	(N) COMMSCOPE FFHH-65A-R3	200'	14'-0"	1	(N) RRUS 4449 B12/B71	TOWER	-	-	-	-	-	-	-	2	(E) COAX	1/4"	20'-0"
B2	L2100	(E) ERICSSON AIR21 B2P-B4A	200*	14'-0"	-	-	-	-	-	-	-	_	I	-	4	(N) SM FIBER	5/8"	20'-0"
B3	G1900 U1900	(E) ERICSSON AIR21 B2A-B4P	200*	14'-0"	-	_	-	_	_	-	2	(E)	-	_	2	(E) COAX	1/2"	20'-0"













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

# Ownership Disclosure Statement

**DS-318** 

FORM

October 2017

Approval Type: Check appropriate box for type Approval Type: Check appropriate box for type Neighborhood Development Permit Site Tentative Map	Development Permit 🖪 Pla	anned Development Permit	Coastal Developm Conditional Use P	ent Permit ermit 🛛 Variance
Project Title: Crown Castle TMO Terrace Court		Project No	. For City Use Only	
Project Address: 4030 Terrace Court				
Specify Form of Ownership/Legal Status (pl	ease check):			
Corporation Limited Liability -or- Gene	eral – What State?	Corporate Identification	No	
🗅 Partnership 🖪 Individual				
By signing the Ownership Disclosure Statement with the City of San Diego on the subject pro- owner(s), applicant(s), and other financially inti- individual, firm, co-partnership, joint venture, with a financial interest in the application. If individuals owning more than 10% of the sha officers. (A separate page may be attached if <b>ANY</b> person serving as an officer or directo A signature is required of at least one of the notifying the Project Manager of any changer ownership are to be given to the Project Man accurate and current ownership information c	operty with the intent to re- terested persons of the ab- association, social club, fra- the applicant includes a co- res. If a publicly-owned co- necessary.) If any person is r of the nonprofit organiz property owners. Attach s in ownership during the ager at least thirty days pri-	ecord an encumbrance again ove referenced property. A faternal organization, corpora propration or partnership, ind propration, include the names s a nonprofit organization or zation or as trustee or bene additional pages if needed. time the application is being ior to any public hearing on t	hast the property. P financially interester tion, estate, trust, r clude the names, tit s, titles, and addres a trust, list the nam ficiary of the nong Note: The applican processed or cons	lease list below the d party includes any eceiver or syndicate les, addresses of all ses of the corporate les and addresses of profit organization. It is responsible for idered. Changes in
Property Owner				
Name of Individual: Infinity Trust		🗷 Owner	Tenant/Lessee	Successor Agency
Street Address: _4030 Terrace court				
City: _ San Diego			State: CA	Zip:
Phone No.:	Fax No.:			
Signature:	1111-6	Date: 5	127/21	
Additional pages Attached:	D No			
Applicant				
Name of Individual: Crown Castle - Jim Lee		Owner	Tenant/Lessee	Successor Agency
Street Address: _200 Spectrum Center Drive, Suite	1700			
City: _Irvine			State: CA	7in: 92618
	Fax No.:	Empile	State:	
00000	FdX NO			
signature:		Date:	5/28/2021	
Additional pages Attached: 🛛 Yes	□ No			
Other Financially Interested Persons				
Name of Individual:		Owner	□ Tenant/Lessee	Successor Agency
Street Address:				
City:			State:	Zip:
Phone No.:	Fax No.:	Email:		
Signature:		Date:		
Additional pages Attached: 🛛 Yes	D No			

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