

**WCF: Proposed Minor Antenna Modification
Crown Castle/T-Mobile – 856199 Skoff Trucking BA20403A**

**Project Narrative
1 Casa Grande Rd.
Petaluma, CA 94954
City of Petaluma
APN: 05-050-037**

Crown Castle and T-Mobile are requesting to modify T-Mobile's existing Wireless Communications Facility located in the City of Petaluma at 1 Casa Grande Rd. The purpose of this project is to enhance broadband connectivity and capacity to the existing wireless facility. They are proposing to remove and replace three (3) existing antennas with three (3) new antennas, remove six (6) existing TMAs and three (3) existing RRUs and replacing them with six (6) new RRU's (leaving (2) antennas and (2) RRHs per sector). They will also remove twelve (12) existing coax cables and replace them with two (2) 6x24 4AWG 30MG hybrid fiber cables. In the equipment area, they will remove six (6) RUS01 B2 radios along with six (6) RUS01 B4 radios and three (3) RRUS11 B12 radios from the existing RBS 6102 equipment cabinet and install one (1) PSU 4813 radio in it. Then they will install one (1) B160 Battery cabinet and one (1) 6160 equipment cabinet along with one (1) BB 6648 radio and one (1) PSU 4813 radio within the new equipment cabinet; all within the existing lease equipment area. These changes are in response to a drop in data capacity for T-Mobile in the surrounding area due to technological advances. All proposed equipment will be painted to match the pine tree as necessary to ensure that the site is adequately disguised so that it blends into its surroundings.

The proposed parcel is zoned MU1B Mixed Use - Commercial 1 district, which complies with the development standards specified in Section 12.020F that provides a height exception for telecommunications facilities, has an existing 78' Monopole. Per the City of Petaluma Municipal Development Code, Chapter 14.4 – Telecommunications Facilities- 14.44.090 & 14.44.210: so long as the minor antenna modifications do not increase the height of the tower or the modification to the tower is not greater than 10%, and does not increase the size of the equipment compound, the Planning Director shall retain the right to determine whether proposed facilities meet these criteria, and administrative approval is allowed; **this site meets this requirement.** The new equipment will be installed to accommodate the capacity issues in the area, which will improve coverage by reducing dropped calls, offloading surrounding sites, and conforming to the requirements of the City of Petaluma Development Code. There will be no changes to the existing ingress/egress (access) to the site, no changes to the T-Mobile equipment compound size, and no increase in visual impact from the associated ground equipment as it will be housed within the existing equipment compound. This proposed project is exempt from the CEQA pursuant to Section 15301 (existing facilities). All appropriate measures will be taken to conceal or disguise the tower and antenna from external view. The proposed site will meet the follow requirements per the City of Petaluma Municipal Ordinance:

1. Facilities must meet all applicable zoning setback and height regulations of the underlying zone district. All proposed facilities that exceed the maximum height established by the underlying zone district are subject to FAA approval and none shall be sited in a location where it will obstruct the operations of any airport and shall not extend into any multi-purpose easement or public

utility easement that is adjacent to any public roadway or streets. **This site meets this requirement.**

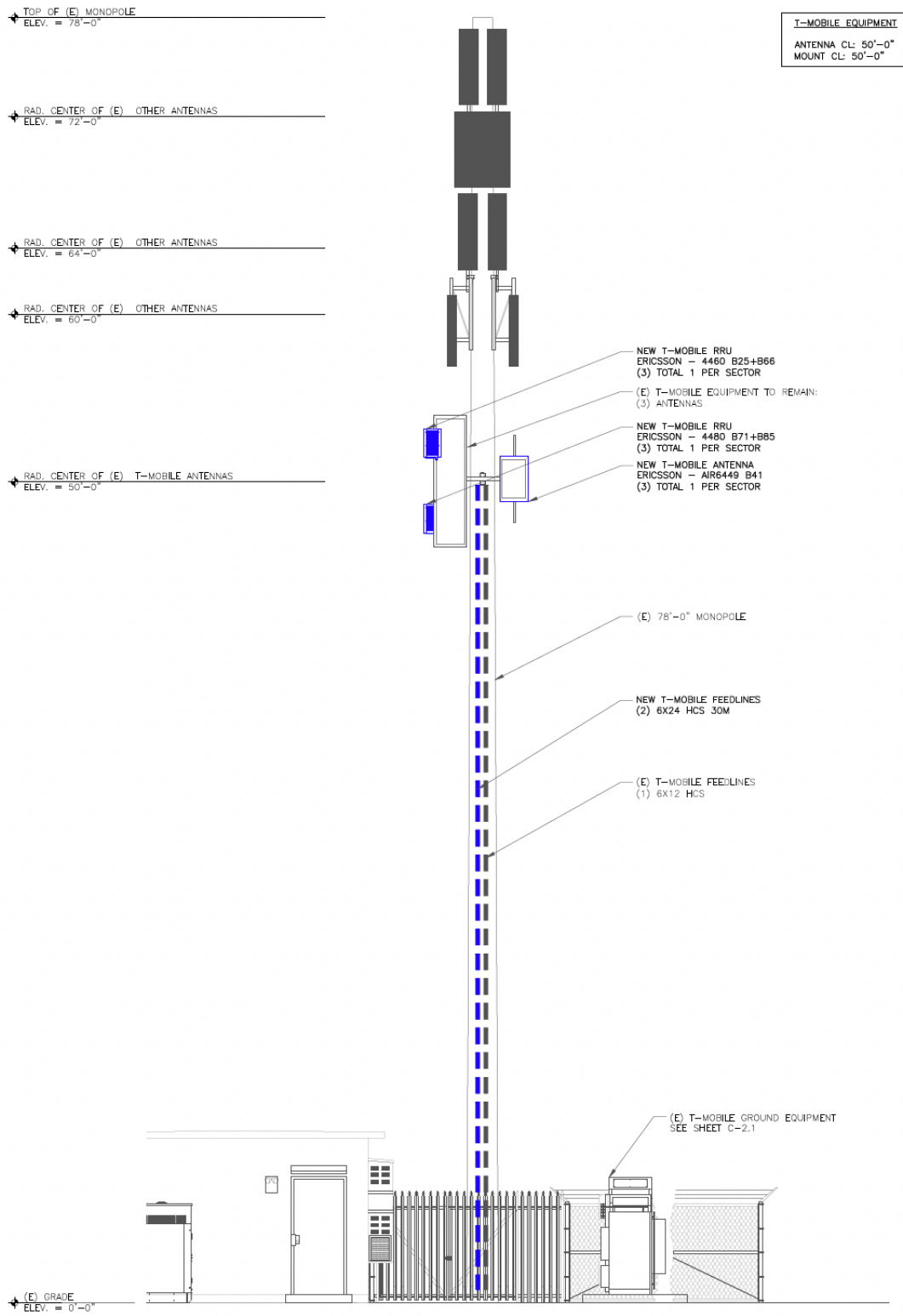
2. Co-located facilities are permitted with only an administrative approval. Any such installation or modification must also be found not to create the potential for adverse noise, access or grading problems and to minimize the effect on environmental resources. Co-location on existing facilities with the same types of antennae as those currently present and where the height of the existing antennae pole does not increase. **This site is existing and meets this requirement.**
3. Facility structures and equipment shall be located, designed, and screened to blend with the existing natural or built surroundings so as to reduce visual impacts to the extent feasible considering the technological requires of the proposed telecommunication service and the need to be compatible with neighboring residences and the character of the community. **This site meets this requirement.**
4. Installations which are located so far from any prospective viewer in such a way as to have a backdrop of terrain which obscures the visibility of the antennae as to make it visibly unobtrusive and effectively unnoticeable. **This site meets this requirement.**

Also attached to this narrative will be:

Plans showing elevation drawings of the exterior of each element of the proposed modifications to the wireless communication facility

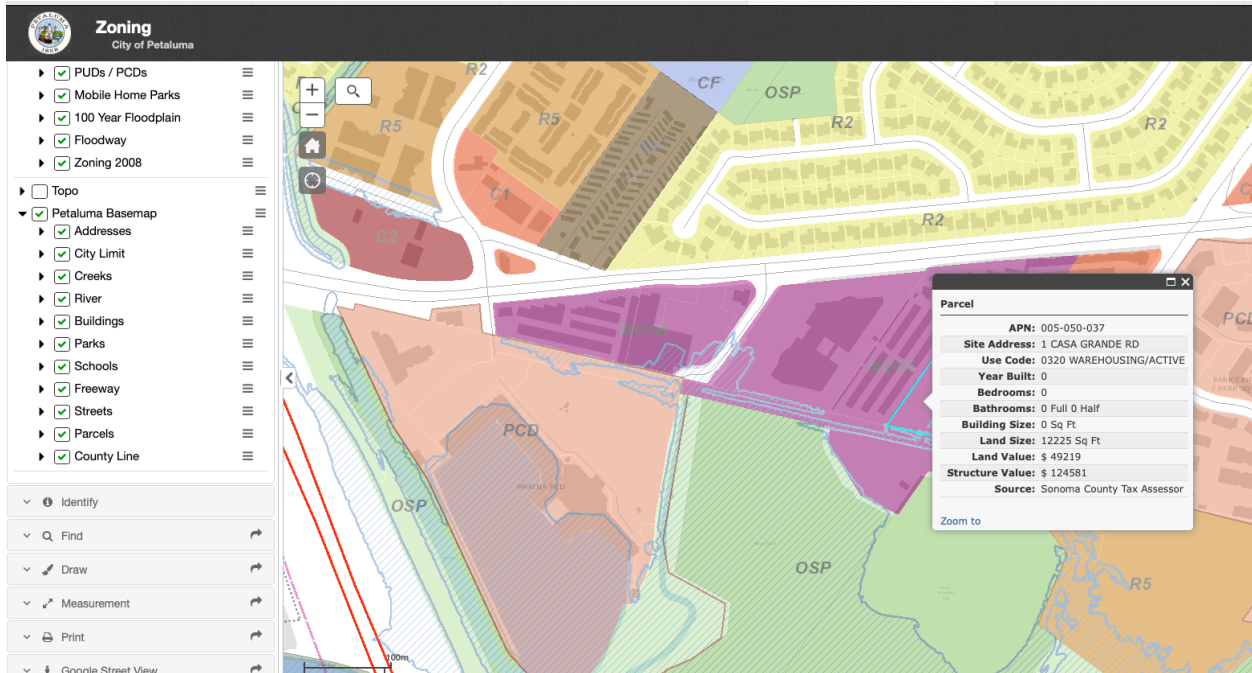
*Crown Castle & T-Mobile Certify that the wireless communication facility, as represented in this application, will comply with all FAA, FCC and other applicable regulations.

Existing Monopole Elevation



*Please see sheet C-5 for additional clarification

Parcel/Zoning Map



In addition to the requirements listed above, the following apply:

A. The addition of the T-Mobile antennas and associated equipment will meet the RF offload objectives as well as the structural capacity needs to ensure there will be no detriment to the health, safety, or general welfare of persons living or working in the vicinity, to adjacent properties, to the neighborhood, or to the public in general;

B. The proposed modification conforms to the purposes, intent, and policies of the General Plan and its policies and any applicable area, neighborhood, or other plan officially adopted by City Council;

C. The proposed modifications conform with the conditions, requirements, or standards prescribed by the Development Code and any other applicable local, State, or Federal requirements; and,

D. The proposed modifications, as conditioned, would not unreasonably interfere with the use and enjoyment of the property or any nearby properties.

Please let me know if you have any questions or need any additional information.

Thank you,

Nancy Garera

Contractor for TelCyte

Representing Crown Castle & T-Mobile

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