

McClenagan, Laura

Subject: FW: CCL02143/ARCATA/Design Update/Clarification to July 15th Meeting
Attachments: PWM Tower #2.JPG; PWM Tower #3.JPG; PWM Tower #4.JPG; PWM Tower #5.JPG; PWM Tower #1.JPG; CCL02143_Arcata_Design Update.pdf

From: Ashley Smith <Ashley.Smith@epicwireless.net>
Sent: Monday, August 2, 2021 12:46 PM
To: Brian Millar <brian@landlogistics.com>
Subject: CCL02143/ARCATA/Design Update/Clarification to July 15th Meeting

Good Afternoon Brian,

Thank you for the call moments ago. Per the conversation our office would like to clarify a statement, as well as provide an updated design for review by Staff and the Commissioners leading up the August 5th Planning Commission.

Our office wanted to clarify a few items. Per the last meeting it was corresponded that there was another tower located off of G Street that was owned and operated by PWM INC. It was also stated on that meeting that AT&T was collocated on said tower. Our office wants to clarify that AT&T, **nor any carrier** is collocated on that tower. From our understanding that tower was constructed in 2017, nearly four years ago, and as of a trip up north last weekend, there are no current tenants on that tower. Please find the attached photos that were taken the other weekend for reference.

Our office wants to state once again, that once the AT&T tower is constructed, AT&T will be on the tower to provide services to AT&T customers in the area. This tower will not be vacant once constructed. Per the outpouring of support of the AT&T Tower from the residences of Arcata, it is important for this project to be approved to allow services to be available as soon as possible to the Arcata Community.

Lastly, as the main concern with AT&T's tower was that of future collocation opportunities, our office has updated the tower design to allow for a fourth carrier. This design includes the tower to be extended by 20' to allow for all four carriers to be located and concealed within the Faux Water Tank FRP Screening. Per the Finding's in Section 3 of the Staff Report, the support structure is designed as a stealthed water tank and thus meets the standards of Humboldt County. Additionally as all four carriers would be concealed by the FRP Screening, antennas and radios would not be visible to the surrounding residences. The updated design has been attached for County review.

Please let me know if you have any questions.

Thank you,

Ashley Smith
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- 4) **FINDING:** The proposed development is inconsistent with the purposes of the existing zone in which the site is located, and the proposed development conforms to all applicable standards and requirements of these regulations.

EVIDENCE: (c) The proposed project is inconsistent with County policies and standards for new telecommunications facilities, **including with respect to co-location of telecommunications facilities (more than three wireless carriers should be provided for to reduce potential for future placement of additional wireless towers in the Arcata Bottoms);** and with respect to facility design (proximity to off-site residences, a school and church, as noted herein), combined with a nominal setback from Foster Avenue of approximately 60 ft.

- 5) **FINDING:** The proposed development and conditions under which it may be operated or maintained will be detrimental to the public health, safety, or welfare; or materially injurious to property or improvements in the vicinity.

EVIDENCE: (a) As noted above, the proposed project is inconsistent with County General plan policies and standards for new telecommunications facilities, including with respect to co-location of telecommunications facilities and facility design, and therefore, the required public health and safety findings cannot be made. The project proposes collation of two wireless carrier equipment groupings within the faux water tank, and a third carrier on the lattice tower support legs; **additional wireless carriers would be preferred to reduce future potential for placement of other wireless carrier towers in the Arcata Bottoms.** (b) The project is subject to approval of a Special Permit pursuant to the County's zoning requirements. As noted herein, the required findings for approval of the Special Permit cannot be made.

After further review, it has been determined that by extending the height of the tower by twenty (20) feet we can achieve the ability to allow for collocation of a fourth carrier **within** the FRP Screening of the Water Tank. This allows desirable RAD Centerlines for three additional carriers, as well as concealment of the antennas from the surrounding residences. The design is shown in the attached exhibit for review.

The new proposed design is listed below:

- 1) **120' Water Tank:** Extending the tower by 20' would allow for four (4) carriers to be located **within** the FRP Screening of the Faux Water Tank. The RAD Centers for the carriers would be as follows:
 - AT&T at the 115' RAD Center
 - Second Carrier at the 105' RAD Center
 - Third Carrier at the 95' RAD Center
 - Fourth Carrier at the 85' RAD Center










877-888-0424

NO OBSTRUCTION OR ENCROACHMENT

Site# CA0603

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PWM, Inc.

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