From:	Lait, Jonathan
To:	Lait, Jonathan
Cc:	Atkinson, Rebecca; Gerhardt, Jodie; French, Amy; Yang, Albert
Subject:	RE: Tier 3 WCF-Vinculums/Verizon-Cluster (17PLN-00169))
Date:	Wednesday, March 14, 2018 9:11:40 AM
Attachments:	17PLN-00169 Cluster 1 Supplement Vault Specifications 02-05-18.pdf Example Vault Installation Photo (dated 2017).pdf IMG_0608.jpg

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Chair Furth and Boardmembers,

The following are responses to questions from a Boardmember regarding the Verizon Wireless Application on the agenda for Thursday.

Q1. Manufacturer's specifications for the potential utility vaults. The report mentions a Western Utility Vault ID-717 (p. 29). I'd like to see a specification sheet or other graphic to understand the size of these vaults. I understand that these vaults are not part of the current proposal, but it is difficult to assess the feasibility of vault installation without this information.
Response: Please see attached file (17PLN-00169 Cluster 1 Supplemental Vault Specifications…). Also, included are two photographs of a vault installation in Santa Cruz.

Q2. Are there floodplain regulations pertaining to utility infrastructure within the public right-of-way? I am aware of electrical utility installations in below-grade vaults within the floodplain. My understanding is that the floodplain regulations are essentially FEMA requirements, enforced by the city, pertaining to structures covered by FEMA flood insurance.
Response: Staff will follow up with the City's utility and public works departments to understand city regulations related to undergrounding in the flood zone and report to the Board at tomorrow's meeting. However, regardless of city regulations, Verizon Wireless is asserting in this application that they are unable to locate vaults in the flood zone due to their concerns regarding compromised network functionality in the event of a flood. Additionally, separate and apart from the flood zone issue, at present, there remains a potential issue regarding compliance with the city's noise ordinance with respect to mechanical equipment in the vaults as discussed in the staff report. Verizon Wireless representatives will be at the meeting tomorrow and this question can be asked of their representatives.

Q3. The staff report (p. 30) states "It was only after thoroughly evaluating each node that Verizon determined vaulting is infeasible on 11 proposed locations." Could you provide specific and detailed information, on a site by site basis, as to how the applicant made this determination.
Response: This is a statement from the applicant's updated project description. Applicant provided their vault feasibility analysis, which was linked in the staff report and available here: https://www.cityofpaloalto.org/civicax/filebank/documents/63846.