

Page Reference	Annotation Type	Reviewer : Department	Review Comments	Verizon Response
			<p>GENERAL</p> <p>1. The applicant shall comply with all the Electric Utility Engineering Department service requirements noted during plan review.</p> <p>2. The applicant shall be responsible for identification and location of all utilities, both public and private, within the work area. Prior to any excavation work at the site, the applicant shall contact Underground Service Alert (USA) at 1-800-227-2600, at least 48 hours prior to beginning work.</p> <p>3. The applicant shall submit a request to disconnect all existing utility services and/or meters including a signed affidavit of vacancy, on the form provided by the Building Inspection Division. Utilities will be disconnected or removed within 10 working days after receipt of request. The demolition permit will be issued after all utility services and/or meters have been disconnected and removed.</p> <p>4. Per MLA section 14.0, Verizon may be required to provide a performance bond or letter of credit.</p> <p>5. All sites shall include pole loading calculations.</p> <p>6. Applicant shall install an inter duct of suitable size inside the street lighting pole, if hard wiring is to be done for the antenna system/facilities. *Applicant must keep antenna/proposed equipment's electric circuitry complete separate from utility's street lighting circuit.</p> <p>THE FOLLOWING SHALL BE INCORPORATED IN SUBMITTALS FOR ELECTRIC SERVICE</p> <p>1. A completed Electric Load Sheet and a full set of plans must be included with all applications involving electrical work. The load sheet must be included with the preliminary submittal.</p> <p>2. Industrial and large commercial customers must allow sufficient lead-time for Electric Utility Engineering and Operations (typically 8-12 weeks after advance engineering fees have been paid) to design and construct the electric service requested.</p> <p>3. Only one electric service lateral is permitted per parcel. Utilities Rule & Regulation #18.</p> <p>4. If this project requires padmount transformers, the location of the transformers shall be shown on the site plan and approved by the Utilities Department and the Architectural Review Board. Utilities Rule & Regulations #3 & #16 (see detail comments below).</p> <p>5. The developer/owner shall provide space for installing padmount equipment (i.e. transformers, switches, and interrupters) and associated substructure as required by the City.</p> <p>6. The customer shall install all electrical substructures (conduits, boxes and pads) required from the service point to the customer's switchgear. The design and installation shall be according to the City standards and shown on plans. Utilities Rule & Regulations #16 & #18.</p> <p>7. Location of the electric panel/switchboard shall be shown on the site plan and approved by the Architectural Review Board and Utilities Department.</p> <p>8. All utility meters, lines, transformers, backflow preventers, and any other required equipment shall be shown on the landscape and irrigation plans and shall show that no conflict will occur between the utilities and landscape materials. In addition, all aboveground equipment shall be screened in a manner that is consistent with the</p>	OKAY
			<p>building design and setback requirements.</p> <p>9. For services larger than 1600 amps, the customer will be required to provide a transition cabinet as the interconnection point between the utility's padmount transformer and the customer's main switchgear. The cabinet design drawings must be submitted to the Electric Utility Engineering Department for review and approval.</p> <p>10. For underground services, no more than four (4) 750 MCM conductors per phase can be connected to the transformer secondary terminals; otherwise, bus duct must be used for connections to padmount transformers. If customer installs a bus duct directly between the transformer secondary terminals and the main switchgear, the installation of a transition cabinet will not be required.</p> <p>11. The customer is responsible for sizing the service conductors and other required equipment according to the National Electric Code requirements and the City standards. Utilities Rule & Regulation #18.</p> <p>12. Any additional facilities and services requested by the Applicant that are beyond what the utility deems standard facilities will be subject to Special Facilities charges. The Special Facilities charges include the cost of installing the additional facilities as well as the cost of ownership. Utilities Rule & Regulation #20.</p> <p>13. Projects that require the extension of high voltage primary distribution lines or reinforcement of offsite electric facilities will be at the customer's expense and must be coordinated with the Electric Utility.</p> <p>DURING CONSTRUCTION</p> <p>1. Contractors and developers shall obtain permit from the Department of Public Works before digging in the street right-of-way. This includes sidewalks, driveways and planter strips.</p> <p>2. At least 48 hours prior to starting any excavation, the customer must call Underground Service Alert (USA) at 1-800-227-2600 to have existing underground utilities located and marked. The areas to be checked by USA shall be delineated with white paint. All USA markings shall be removed by the customer or contractor when construction is complete.</p> <p>3. The customer is responsible for installing all on-site substructures (conduits, boxes and pads) required for the electric service. No more than 270 degrees of bends are allowed in a secondary conduit run. All conduits must be sized according to National Electric Code requirements and no 1/2 – inch size conduits are permitted. All off-site substructure work will be constructed by the City at the customer's expense. Where mutually agreed upon by the City and the Applicant, all or part of the off-site substructure work may be constructed by the Applicant.</p> <p>No more than 270 degrees of bends are allowed in a secondary conduit run. All conduits must be sized according to National Electric Code requirements and no 1/2 – inch size conduits are permitted. All off-site substructure work will be constructed by the City at the customer's expense. Where mutually agreed upon by the City and the Applicant, all or part of the off-site substructure work may be constructed by the Applicant.</p> <p>4. All primary electric conduits shall be concrete encased with the top of the encasement at the depth of 30 inches. No more than 180 degrees of bends are allowed in a primary conduit run. Conduit runs over 500 feet in length require additional pull boxes.</p> <p>5. All new underground conduits and substructures shall be installed per City standards and shall be inspected by the Electrical Underground Inspector before backfilling.</p> <p>6. The customer is responsible for installing all underground electric service conductors, bus duct, transition cabinets, and other required equipment. The installation shall meet the National Electric Code and the City Standards.</p> <p>7. Meter and switchboard requirements shall be in accordance with Electric Utility Service Equipment Requirements Committee (EUSERC)</p>	OKAY
8	Comment	Gregory Mckernan : Elect Utilities	Conduit needs to be 4" PVC and the run can not have more than 190 Degrees of bending.	REVISED
12	Comment	Gregory Mckernan : Elect Utilities	This is correct but pervious pages have it as a 2" x 4 is the correct size.	REVISED
16	Comment	Gregory Mckernan : Elect Utilities	4"	REVISED

16	Comment	Gregory Mckernan : Elect Utilities	Applicant to install a new box for rerouted Street Light circuit, this is to maintain Street light connectivity during construction as well as the point of connection for the street light.	REVISED
52	Comment	Gregory Mckernan : Elect Utilities	Install 24x36 Low Voltage Box, 500" pull is too far for a single pull	REVISED
56	Callout	Gregory Mckernan : Elect Utilities	Install 24x36" Low Voltage Pull Box. Box will be Verizon LV service.	REVISED
65	Comment	Gregory Mckernan : Elect Utilities	Pole should be replaced with similar to existing poles. This applies to both nodes near the Stanford shopping center.	REVISED
69	Comment	Gregory Mckernan : Elect Utilities	Calcs need to be based on the correct pole style. For both Stanford shopping center poles.	REVISED
109	Comment	Gregory Mckernan : Elect Utilities	Needs to be correct Pole for Calcs	REVISED
1	Comment	Garrett SaulsD : Planning	Change to City Cluster 5/Verizon Cluster 6B	REVISED
2	Callout	Garrett SaulsD : Planning	El Camino is just an Arterial Road. Update plans to show this.	REVISED
7	Comment	Garrett SaulsD : Planning	INCOMPLETE: Site plans (including enlarged site plans - A-2) and survey do not show location of existing Coast Live Oak tree as identified in Arborist report that is adjacent to proposed facility. Additionally, the Arborist report suggests the tree may need to be removed to support the installation but the plans do not identify if this is the case. Both documents will need to be updated to identify if trees will need to be removed and provide adequate replacements based on the Tree Technical Manual. Additional outreach will be needed to Stanford in the event a tree is being removed on their property.	REVISED
8	Comment	Garrett SaulsD : Planning	INCOMPLETE: Site Plans do not show tree protection for trees affected by trenching to point of connection for street light pole. Additionally, the arborist report shall be updated to verify tree protection measures and impacts from work needed to provide underground work to point of connection. Update A-1, A-1.1, A-1.4, and A-2 to correct this.	REVISED
8	Comment	Garrett SaulsD : Planning	INCOMPLETE: Per the Tier 2 Checklist, an applicant is required to submit all requests for exceptions to the objective standards at time of submittal. The Objective Standards state that a WCF shall be placed where there are existing or new opportunities for street/amenity trees to interrupt direct views of the facility. Staff's interpretation of "direct views" requires a tree on either side of the facility in a linear fashion along the same side of the street, an interpretation consistent with conversations that occurred when this policy was enacted, and consistently applied by the City when reviewing applications. The emphasis in the City's Landscape Screening standard is for applicants to prioritize locating WCFs where opportunities for such screening exist. The application needs an exception to this requirement, including supporting documentation for why the City must approve a WCF in this location rather than one that is adequately screened. Update the project documents to indicate this exception and provide supporting documentation to include both the specific provision(s) from which exception is sought and the basis of the request, including all supporting evidence on which the applicant relies in conjunction with PAMC section 18.42.110(k).	REQUESTED EXCEPTION
16	Callout	Garrett SaulsD : Planning	Munsell color not used on these street light poles. Per Style Placement Guide, these poles must be painted RAL #7022. Correct this on all sheets for this node.	ALL POLES ARE TO BE RAL 5.5 GY 2.76/2.1
17	Comment	Garrett SaulsD : Planning	When measured on the plans, drawings are not matching scales provided on the sets. Update to ensure plans are consistent with scaling and height dimensions indicated. This applies to all sheets in the plan set submittal between all nodes.	REVISED
17	Comment	Garrett SaulsD : Planning	INCOMPLETE: Update elevations to call out materials of the pole including texture and finish of surfaces. This comment applies to all elevation sheets in the plan set for each node.	REVISED
17	Comment	Garrett SaulsD : Planning	INCOMPLETE: Per the Tier 2 Checklist, an applicant is required to submit all requests for exceptions to the objective standards at time of submittal. The Objective Standards identify that applicants must follow the Style Placement Guide standards where they exist including all elements of the pole (such as light mast arm, fluting, decorative base, tapering, bolt and foundation designs, etc). The elevation drawings do not support that the El Camino Design standard will be followed related to color, height of light pole, and use of decorative base not found in the Style Placement Guide. The exact differences between the City's standard and the applicant's proposal shall be identified. Update the project documents to indicate this exception and provide supporting documentation to include both the specific provision(s) from which the exception is sought and the basis of the request, including all supporting evidence on which the applicant relies in conjunction with PAMC section 18.42.110(k).	REQUESTED EXCEPTION
23	Comment	Garrett SaulsD : Planning	INCOMPLETE: This details shows the Downtown Design Standard as the model for the El Camino Real standard. This must be changed to reflect the accurate style. Additional incomplete items may be provided upon review of this correction. If the applicant's intent is to modify the design, it would require an exception to the Objective Standards and would need to provide evidence to support this exception per 18.42.110(k).	REVISED
23	Comment	Garrett SaulsD : Planning	These comments are provided from Ryan Johnson of DPW - Electrical Utilities: -They will need to get the Caltrans spec for bases on ECR even though the streetlight is CPA and have Caltrans inspect. -This location currently has no SL pull box. There are two conduits going in and out of the existing base. What we've done in the past is turn the existing base into a pull box to capture the conduits and build the new base next to that connecting the new box to new base. I believe Caltrans we'll need to inspect the box as well. -Pole height is 26' in their proposal, Per SPG (style placement guide)it needs to be 28'. -Arm rise from where it mounts to pole to head needs to be 46", that is not stated in their proposal. -Clam shell base is not correct in their proposal, needs to follow SPG for ECR area. -Anchor bolt circle is not correct in their proposal. They need to be 12"-13.5" not 13.5"-15". -No detail of the streetlight head in proposal. Its in the SPG for them to reference. -Color needs to be RAL #7022, not Munsell green which is what they are stating	1. BASE IS PER PALO ALTO STYLE PLACEMENT GUIDE 2. REVISED 3. REVISED 4. REVISED 5. REVISED 6. REVISED 7. REVISED 8. REVISED - MUNSELL RAL 5.5 GY 2.76/2.1
25	Comment	Garrett SaulsD : Planning	This light pole does not have a top mounted 4G antenna. Update this drawing to show correct proposal.	REVISED
28	Comment	Garrett SaulsD : Planning	This graphic represents the Downtown standard design rather than the El Camino Real standard. If the structural calculations based analysis on this pole type, then they will need to be modified to use the correct pole type. Update the plans and project documents to correct this.	REVISED
42	Comment	Garrett SaulsD : Planning	Roadway Type is just an Arterial street, not a Residential Arterial. Update this on the plans.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
47	Comment	Garrett SaulsD : Planning	INCOMPLETE: Looking at Google Street View, there is an existing tree that is planted to the right of the proposed facility when looking at it from the street. The survey, site plans, and arborist report do not include this existing tree in their reports. Additionally, the proposed underground vaults for the facility appear as though they will interfere with the tree's location and should be directed towards the opposite side of the pole to maintain the tree and allow the installation to occur. Update these documents to include this information.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL

48	Comment	Garrett SaulsD : Planning	INCOMPLETE: Per the Tier 2 Checklist, applicants must identify the distance to closest habitable/occupied structure for each azimuth proposed or distance to closest habitable/occupied structures in each direction if an omni- directional antenna is proposed. Update the plans to correct this issue.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
48	Comment	Garrett SaulsD : Planning	This location does not appear as though it will provide enough space for the tree to be located without growing into the proposed equipment vaults. Additional information will need to be provide in the arborist report analysis which identifies the capability for this tree to survive, grow to maturity, and not significantly impact the facility.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
48	Callout	Garrett SaulsD : Planning	Table has no information. Update with the correct information.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
48	Comment	Garrett SaulsD : Planning	Additional clarification will be needed to identify what a 'large' and 'small' amenity trees is (i.e. how large will it grow, canopy, etc.). The continuation of the cork oak along this street is supportable, but the use of hopseed bush doesn't appear as though it will meet the needs the City is looking for in relation to screening of facilities. Instead, the cork oak shall be used to maintain consistency along this street as it appears to provide no interruption with the facility's capabilities. Update the plans to address this comment.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
49	Callout	Garrett SaulsD : Planning	Measure distance between existing trees and proposed facility to determine if they are located within 35 feet of each other to meet the screening objective. Update survey/site plans accordingly.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
56	Comment	Garrett SaulsD : Planning	Munsell color not used on these street light poles. Existing poles to be replaced are not painted and are aluminum. Update the plans to correct this.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
57	Comment	Garrett SaulsD : Planning	INCOMPLETE: Update elevations to call out materials of the pole including texture and finish of surfaces. This comment applies to all elevation sheets in the plan set for each node.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
57	Comment	Garrett SaulsD : Planning	INCOMPLETE: Per the Tier 2 Checklist, an applicant is required to submit all requests for exceptions to the objective standards at time of submittal. The Objective Standards identify that applicants must follow the Style Placement Guide standards where they exist including all elements of the pole (such as light mast arm, fluting, decorative base, tapering, bolt and foundation designs, etc). The elevation drawings do not support that the existing standard will be followed related to color and style as plans call out to use El Camino Real standards. The exact differences between the City's standard and the applicant's proposal shall be identified. Update the project documents to indicate this exception and provide supporting documentation to include both the specific provision(s) from which the exception is sought and the basis of the request, including all supporting evidence on which the applicant relies in conjunction with PAMC section 18.42.110(k).	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
57	Comment	Garrett SaulsD : Planning	When measured on the plans, drawings are not matching scales provided on the sets. Update to ensure plans are consistent with scaling and height dimensions indicated. This applies to all sheets in the plan set submittal between all nodes.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
57	Comment	Garrett SaulsD : Planning	INCOMPLETE: Per the Tier 2 checklist, applicant's must provide an illustrative vertical section including foundation to maximum height in context with surrounding site features, such as trees. All elevation drawings shall be updated to show the outline of the existing cork trees adjacent to the facility.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
63	Callout	Garrett SaulsD : Planning	Identify diameter of shroud.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
64	Comment	Garrett SaulsD : Planning	INCOMPLETE: This details shows the Downtown and El Camino Real standards as the model for the existing light pole to be replaced. This must be changed to reflect the accurate style. Additional incomplete items may be provided upon review of this correction. If the applicant's intent is to modify the design, it would require an exception to the Objective Standards and would need to provide evidence to support this exception per 18.42.110(k).	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
64	Comment	Garrett SaulsD : Planning	These comments are provided from Ryan Johnson of DPW - Electrical Utilities: Replace w/ aluminum pole like existing	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
70	Comment	Garrett SaulsD : Planning	This graphic represents the Downtown standard design rather than the existing pole type. If the structural calculations based analysis on this pole type, then they will need to be modified to use the correct pole type. Update the plans and project documents to correct this.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
83	Callout	Garrett SaulsD : Planning	Arboretum Road is an Arterial Road. Update this.	REVISED
84	Comment	Garrett SaulsD : Planning	Both photosimulations and elevation drawings are inconsistent. This page shows the inclusion of the brace under the light mast arm, however the elevations do not show this. Update the documents to be internally consistent.	REVISED
89	Comment	Garrett SaulsD : Planning	INCOMPLETE: Per the Tier 2 Checklist, applicants must identify the distance to closest habitable/occupied structure for each azimuth proposed or distance to closest habitable/occupied structures in each direction if an omni- directional antenna is proposed. Update the plans to correct this issue.	REVISED
89	Callout	Garrett SaulsD : Planning	This graphic represents the Downtown standard design rather than the existing pole type. If the structural calculations based analysis on this pole type, then they will need to be modified to use the correct pole type. Update the plans and project documents to correct this.	REVISED
89	Callout	Garrett SaulsD : Planning	Measure distance between existing trees and proposed facility to determine if they are located within 35 feet of each other to meet the screening objective. Update survey/site plans accordingly.	REVISED
97	Callout	Garrett SaulsD : Planning	Munsell color not used on these street light poles. Existing poles to be replaced are not painted and are aluminum. Update the plans to correct this.	REVISED - MUNSELL RAL 5.5 GY 2.76/2.1
98	Comment	Garrett SaulsD : Planning	INCOMPLETE: Per the Tier 2 checklist, applicant's must provide an illustrative vertical section including foundation to maximum height in context with surrounding site features, such as trees. All elevation drawings shall be updated to show the outline of the existing palm trees adjacent to the facility.	REVISED
98	Comment	Garrett SaulsD : Planning	INCOMPLETE: Update elevations to call out materials of the pole including texture and finish of surfaces. This comment applies to all elevation sheets in the plan set for each node.	REVISED
98	Comment	Garrett SaulsD : Planning	INCOMPLETE: Per the Tier 2 Checklist, an applicant is required to submit all requests for exceptions to the objective standards at time of submittal. The Objective Standards identify that applicants must follow the Style Placement Guide standards where they exist including all elements of the pole (such as light mast arm, fluting, decorative base, tapering, bolt and foundation designs, etc). The elevation drawings do not support that the existing standard will be followed related to color and style as plans show that the light mast arm brace will not be maintained. The exact differences between the City's standard and the applicant's proposal shall be identified. Update the project documents to indicate this exception and provide supporting documentation to include both the specific provision(s) from which the exception is sought and the basis of the request, including all supporting evidence on which the applicant relies in conjunction with PAMC section 18.42.110(k).	REQUESTED EXCEPTION
98	Comment	Garrett SaulsD : Planning	When measured on the plans, drawings are not matching scales provided on the sets. Update to ensure plans are consistent with scaling and height dimensions indicated. This applies to all sheets in the plan set submittal between all nodes.	REVISED
104	Callout	Garrett SaulsD : Planning	Identify diameter of shroud.	SEE 12" DIAMETER CALLED OUT JUST ABOVE YOUR NOI COMMENT

105	Comment	Garrett SaulsD : Planning	This detail shows the decorative base for the pole to be more embellished than is the standard for this pole. This must be changed to reflect the accurate style. Additional incomplete items may be provided upon review of this correction. If the applicant's intent is to modify the design, it would require an exception to the Objective Standards and would need to provide evidence to support this exception per 18.42.110(k).	REQUESTED EXCEPTION
105	Comment	Garrett SaulsD : Planning	These comments are provided from Ryan Johnson of DPW - Electrical Utilities: -Needs to note the transformer base the pole currently sits on. -Replace with aluminum pole like existing.	1. REVISED 2. REVISED
106	Comment	Garrett SaulsD : Planning	INCOMPLETE: Applicant must provide luminaire details to be used on the facility.	REVISED
57	Comment	ShrupathDPatel : Transportation	Provide at minimum 8 feet clearance between sidewalk and bottom of the proposed sign. Adjust height for the proposed transformer.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
57	Comment	ShrupathDPatel : Transportation	Where equipment is proposed on a street with a bikeway, pole-mounted equipment shall be oriented away from bike lanes, including the air space over bike lanes and paths.	THIS NODE HAS BEEN REMOVED FROM RESUBMITTAL
1	Comment	Walter Passmore : Urban Forestry	Ensure that a tree disclosure statement is completed and signed on each T-1 sheet	REVISED
56	Comment	Walter Passmore : Urban Forestry	New trees shall be 10 feet or more from underground infrastructure such as vaults and utilities	REVISED
78	Comment	Walter Passmore : Urban Forestry	Western Redbud is an acceptable selection, but not Hopseed bush	REVISED
97	Comment	Walter Passmore : Urban Forestry	Locate vaults to minimize the excavation in tree protection zones (a radius equal to 10 times the trunk diameter). Vaults and bore receiver pits should be located in areas likely to have fewer roots or unavoidable disturbance such as in the street or along the same alignment with existing utilities.	REVISED
1	Comment	John Nguy : WGW Utilities	<p>Development Review - Department Comments</p> <p>City Department:</p> <p>DUtilities Water-Gas-Wastewater Engineering</p> <p>Staff Contact:</p> <p>DJohn Nguy, Engineer</p> <p>Phone: 566 4523</p> <p>Email: john.nguy@cityofpaloalto.org</p> <p>Date:</p> <p>D2/17/2021</p> <p>Project Address/File #:</p> <p>D250 Hamilton Ave 21PLN-00056</p> <p>A.DThe following comments are required to be addressed prior to Planning entitlement approval:</p> <p>1.DPlease see WGW utility review comments marked up in DigEplan.</p> <p>B. DThe following comments are required to be addressed prior to any future related permit application such as a Building Permit, Excavation and Grading Permit, Certificate of Compliance, Street Work Permit, Encroachment Permit, etc. These comments are provided as a courtesy and are not required to be addressed prior to the Planning entitlement approval:</p> <p>WGW UTILITY ENGINEERING CONDITIONS:</p> <p>1.DThe contractor shall contact underground service alert (800) 227-2600 one week in advance of starting excavation to provide for marking of underground utilities.</p> <p>2.DThe contractor shall provide potholing and verify the exact location of existing and abandoned utilities, inverts, depth and elevations to confirm the horizontal and vertical alignment of the new pipes crossing the streets. The project engineer must report to Utilities Engineering any proposed underground work is conflict with existing WGW utility services/mains.</p>	<p>A.1. - REVISED PER WGW COMMENTS</p> <p>B.1. - OKAY</p> <p>B.2. - OKAY</p>

			<p>3.DThe applicant shall provide a cross section or profile showing the proposed vertical alignment for the (N) conduits and the crossing of existing underground utilities. The profile must be drawn to scale with approximate depths of (e) pipes.</p> <p>4.DThe applicant shall provide protection for utility lines subject to damage. Utility lines within a pit or trench shall be adequately supported. All exposed water, gas, and sewer lines shall be inspected by the WGW Utilities Inspector prior to backfilling.</p> <p>5.DWhen trenching: For crossing utilities the contractor shall maintain 12" clear, above and below, from the existing utilities to new underground facilities. For parallel utilities maintain minimum 3' clear horizontal (not diagonal) separation.</p> <p>6.DWhen boring new pipes or conduits: the pilot bore hole shall be 24" clear from any crossing existing WGW utility pipes and all existing utility crossings shall be potholed prior to starting work. For parallel utilities maintain minimum 5' clear horizontal (not diagonal) separation.</p> <p>7.DUtility vaults, transformers, utility cabinets, concrete bases, or other structures can not be placed over existing water, gas or wastewater mains/services. Maintain 1' horizontal clear separation from the vault/cabinet/concrete base to existing utilities as found in the field. If there is a conflict with existing utilities, Cabinets/vaults/bases shall be relocated from the plan location as needed to meet field conditions.</p> <p>8.DAll utility work/installations shall be in accordance with the City of Palo Alto utility standards for water, gas & wastewater.</p> <p>9.DFor any utility work in Caltrans right-of-way, the applicant shall obtain an encroachment permit from Caltrans for all utility work in the El Camino Real right-of-way. The applicant must provide a copy of the permit to the WGW engineering section.</p> <p>10.DFor any utility work in a County right-of-way, the applicant shall obtain an encroachment permit from Santa Clara county department of transportation for all utility work in the county road right-of-way. The applicant must provide a copy of the permit to the WGW engineering section.</p> <p>11.DFor any utility work in or near SCVWD right-of-way, the applicant shall obtain a construction permit from Santa Clara Valley Water District for the utility work by the City of Palo Alto Utilities.</p> <p>12.DAll WGW utility work shall be inspected and approved by the WGW utilities inspector. Inspection costs shall be paid by the applicant's contractor prior to starting work. Schedule WGW utilities inspections at 650/566-4504 five working days before start of constructions.</p> <p>13.DThe applicant's contractor shall immediately notify the Utilities Department (650) 496-6982 or 650/329-2413 if the existing water, wastewater or gas mains are disturbed or damaged.</p> <p>14.DNo water or gas valves or other facilities owned by Utilities Department shall be operated for any purpose by the applicant's contractor. All required operation will only be performed by authorized utilities department personnel. The applicant's contractor shall notify the Utilities Department not less than forty-eight (48)</p>	B.3.-B.14 - INCLUDED IN REVISED PLAN SET
			<p>hours in advance of the time that such operation is required.</p> <p>15.DThe contractor shall not disconnect any part of the existing water, gas, or wastewater mains except by expressed permission of the WGW utilities inspector and shall submit a schedule of the estimated shutdown time to obtain said permission.</p> <p>16.DOnly City forces can work on the City gas distribution system.</p> <p>EMERGENCY SERVICES ALL AREA CODES ARE (650) UNLESS OTHERWISE NOTED CITY COMMUNICATION CENTER (FOR POLICE OR FIRE 24 HOURS)D329-2413 CITY WATER-GAS-WASTEWATER OPERATIONS D496-6982 CITY WATER-GAS-WASTEWATER INSPECTOR D566-4553 UNDERGROUND SERVICE ALERT (USA) D(800) 227-2600 CITY ELECTRIC/FIELD OPERATIONS D496-6914 CITY ELECTRIC/TRAFFIC SIGNALS D496-6991 CITY CHIEF ELECTRIC UNDERGROUND INSPECTOR D496-6965</p>	B.15-B.16 - OKAY
12	Comment	John Nguy : WGW Utilities	Provide complete and accurate cross section. This crossing should be drawn to scale according to the best available information. Crossing elevations — Provide top/bottom-of-pipe elevations for water, gas mains and electrical duct banks. Provide invert elevations for non-potable water and storm drains at all crossings. Show the proposed vertical alignment. Indicate the anticipated depth for the new conduits. TYPICAL	REVISED
12	Comment	John Nguy : WGW Utilities	Proposed conduit must be installed per City STD. DWG. No. 402 (TYPICAL)	REVISED
12	Comment	John Nguy : WGW Utilities	MISSING UNDERGROUND UTILITIES, 4" PE GAS MAIN, 6" ACP WATER MAIN, AND GAS SERVICES AND WATER METER/FIRE HYDRANT ETC. SEE SHEET A-1.2	REVISED
12	Comment	John Nguy : WGW Utilities	Applicant to provide building address (Typical)	REVISED
12	Comment	John Nguy : WGW Utilities	Applicant to provide building address (Typical)	REVISED
15	Comment	John Nguy : WGW Utilities	MISSING GAS MAIN	REVISED
55	Comment	John Nguy : WGW Utilities	Proposed conduit must be installed per City STD. DWG. No. 402 (TYPICAL)	REVISED
56	Comment	John Nguy : WGW Utilities	Proposed conduit must be installed per City STD. DWG. No. 402 (TYPICAL)	REVISED
56	Comment	John Nguy : WGW Utilities	Applicant to provide the building address (typical)	REVISED
90	Comment	John Nguy : WGW Utilities	Applicant to provide the building address (typical).	REVISED
96	Comment	John Nguy : WGW Utilities	PROPOSED VAULT IS NOT MEETING MIN. SEPARATION FROM EXISTING WATER MAIN APPLICANT TO VERIFY E. WATER MAIN.	REVISED

C1_250HAM_DOC S cluster 6 batch B Project Narrative 02-03-21.pdf	Comment	Garrett SaulsD : Planning	Relabel City Cluster 5/Verizon Cluster 6B	REVISED
RF Coverage Maps 4G-5G.pdf	Comment	Garrett SaulsD : Planning	Clarify on map if Red, Yellow, and Green color scheme is intended to identify Good, Fair, and Poor coverage due to other existing facilities, or if they signal something else. The images aren't inherently clear what they are trying to identify other than areas of coverage.	REVISED
RF Coverage Maps 4G-5G.pdf	Comment	Garrett SaulsD : Planning	Update legend to identify markers being used.	REVISED
After Coverage Set 1 (002).pdf	Comment	Garrett SaulsD : Planning	Similar to previous comment, clarify if color scheme on map is used to identify quality of signal or other metric.	REVISED
47	Comment	Garrett SaulsD : Planning	INCOMPLETE: Per the Tier 2 checklist, the Cost Recovery Form must be filled out, signed, and returned to the City. This form has been provided to Vinculums before, but I can send it again if need be. Provide this in the resubmittal.	ADDED TO DOCS
47	Comment	Garrett SaulsD : Planning	INCOMPLETE: Staff will have CTC perform comparison review of nodes proposed in this application. I will provide the consultant scope of work and cost within a week after completion of review of these materials.	PENDING FROM GARRETT SAULS
52	Comment	Garrett SaulsD : Planning	INCOMPLETE IF NOT PROVIDED BY 2/17	ADDED TO DOCS
Planning Application Form FINAL 02-03-21.pdf	Comment	Garrett SaulsD : Planning	INCOMPLETE: Application form must be signed by Real Estate. Remove this item from the DOCS attachment and submit as a separate item: C1_250HAM_APPLY.	REVISED
121 Tree Protection Report REVISED 2020-12-27.pdf	Comment	Garrett SaulsD : Planning	Is this in reference to the pole number? Page one indicates this number is 157, not 167. Provide the correct information in this document.	REVISED
425225 SF Palo Alto 121 RevAppendix A 02012021 (ID 65805).pdf	Comment	Garrett SaulsD : Planning	Clarify what is excluded from this checklist and what is part 30 referenced here. Include in the resubmittal.	"Completion of this FCC checklist indicates that the proposed small cell operation is NOT categorically excluded from site-specific analysis. That further analysis has been done, as summarized in our report dated December 16, 2020. Our findings were that the proposed operation "will comply with the prevailing standards for limiting public exposure to radio frequency energy" and that "[t]raining authorized personnel and posting explanatory signs are recommended to establish compliance with FCC guidelines." Please utilize CTC to confirm.
COMBINED DOCS BY NODE 162.pdf	Comment	Garrett SaulsD : Planning	INCOMPLETE: No Arborist report for this node was included in this attachment.	ADDED TO DOCS