

Project Title	MAJOR MOFFETT PARK SPECIAL DEVELOPMENT PERMIT to allow a new 160-foot tall above grade level (AGL) monopole for public safety communications and future colocation space for private wireless telecommunications carriers. The top of the antennas on the proposed monopole would reach 175 feet AGL. VARIANCE to allow the proposed monopole to exceed the 125-foot height limit in the Moffett Park Transit-Oriented Development (MP-TOD) zoning district.
Lead Agency Name and Address	City of Sunnyvale 456 W. Olive Ave. P. O. Box 3707 Sunnyvale, CA 94088-3707
Contact Person	George Schroeder, Associate Planner
Phone Number	408-730-7443
Project Location	1210 Bordeaux Drive Sunnyvale, CA 94089
Applicant's Name	City of Sunnyvale
Project Address	1210 Bordeaux Drive Sunnyvale, CA 94089
Zoning	MP-TOD
General Plan	Moffett Park Specific Plan
Other Public Agencies whose approval is required	None

DESCRIPTION OF THE PROJECT:

The proposed project is a Major Moffett Park Special Development Permit (MPSDP) to allow installation of a new 175-foot tall wireless telecommunications facility (monopole) to the rear of a City fire station (Fire Station 5) currently under construction (previous use was a one-story industrial building). The fire station project underwent environmental review through the Moffett Place EIR (State Clearinghouse Number 2013022025, <http://sunnyvale.ca.gov/Departments/CommunityDevelopment/CurrentProjectsandHearings/MoffettPlace.aspx>).

The monopole structure would be 160 feet tall above grade level (AGL), with the top of the tallest antenna proposed at 175 feet AGL. The project includes a Height Variance to exceed the maximum allowable 125 feet in the Moffett Park Transit-Oriented Development zoning district. The monopole would serve the Silicon Valley Regional Communications System (SVRCS) - radio communications for emergency responders of the combined Santa Clara County public safety organizations. The monopole would be designed to accommodate colocation of future private wireless telecommunications carriers. The monopole would be sited toward the south side of the property, adjacent to the parking lot. No exterior equipment shelter is proposed.

The Federal Aviation Administration has conducted an aeronautical study (ASN# 2015-AWP-6430-OE) of the proposed project under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77. The study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation. The FAA also finds that marking and lighting are not necessary for aviation safety.

DETAILED PROJECT DESCRIPTION:

Background:

The monopole would utilize a design with a pole nine feet in diameter at its base and two feet in diameter at its highest point, topped with an antenna assembly five feet in diameter, in which two collinear omni antennas would be located at 158 feet AGL, with the tip of antennas reaching 175 feet AGL. A third collinear omni antenna would be mounted below the top assembly at 145 feet AGL, with the tip at 156 feet AGL, and a six-foot tall microwave dish would be mounted at 90 feet AGL. The collinear omni antennas would be mounted approximately three feet from the pole and the microwave dish mounted at four feet from the pole.

Future colocation space for up to three future private wireless telecommunications carriers is considered in the project design. The antenna assemblies for each colocation space are anticipated to consist of either nine or twelve antennas, arranged radially around the pole. The total number of anticipated future antennas would be 33 four-foot tall panel antennas, 24 remote radio units (RRUs), and a six-foot tall microwave dish. The three antenna assemblies would be mounted at heights of 100, 120, and 130 feet AGL, and the microwave dish would be mounted at 80 feet AGL. Separate City permits will be required for each future installation by each carrier.

Ground-level equipment for the proposed monopole would be located entirely inside an enclosed room in the fire station building.

On-Site Development: On-site improvements will include construction of the monopole and its associated foundation. All other onsite improvements will be made in conjunction with the construction of the fire station. The monopole will not require any changes to the previously-approved fire station site layout.

Off-Site Improvements: No off-site improvements are proposed.

Construction Activities and Schedule: Construction of the proposed project is expected to occur over a period of 30 days, based on information provided by the applicant. Construction is anticipated to commence in early October 2015.

Surrounding Uses and Setting: The site is located on the east side of Bordeaux Drive, south of the t-intersection of Bordeaux Drive and 5th Avenue. The proposed monopole would lie in the southern portion of the subject property, behind the fire station building and next to the parking lot. Several mature pine trees line the south side of the project site near the proposed monopole. Surrounding land uses include the under-construction Moffett Place high-rise office development, particularly Parking Garage C to the south; one-story office/R&D/industrial buildings to the west and north; and the Santa Clara Valley Water District (SCVWD)-owned Sunnyvale West Channel to the east.

EVALUATION OF ENVIRONMENTAL IMPACTS:

1. A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g. the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g. the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, and then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
4. “Negative Declaration: Potentially Significant Unless Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section 17, “Earlier Analysis,” may be cross-referenced).
5. Earlier analysis may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063 (c) (3) (d). In this case, a brief discussion should identify the following:
6. Earlier Analysis Used. Identify and state where they are available for review.
7. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
8. Mitigation Measures. For effects that are “Less than Significant with Mitigation Measures Incorporated,” describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project
9. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g. general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | | |
|---|--|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Public Services |
| <input type="checkbox"/> Agricultural Resources | <input type="checkbox"/> Hydrology/Water Quality | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Air Quality | <input type="checkbox"/> Land Use/Planning | <input type="checkbox"/> Transportation/Traffic |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Utilities/Service Systems |
| <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Noise | <input type="checkbox"/> Mandatory Findings of Significance |
| <input type="checkbox"/> Geology/Soils | <input type="checkbox"/> Population/Housing | |

MANDATORY FINDINGS OF SIGNIFICANCE (see checklist for further information):

Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

☐ Yes
☒ No

Mandatory Findings of Significance? Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of the past projects, the effects of other current projects, and the effects of probable future projects)?

☐ Yes
☒ No

Mandatory Findings of Significance? Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

☐ Yes
☒ No

DETERMINATION:

On the basis of this initial evaluation:

I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared. ☒

I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared. ☐

I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required. ☐

I find that the proposed project MAY have a "potential significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed. ☐

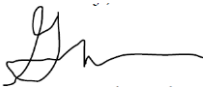
I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required. ☐

Checklist Planner Name: George Schroeder

Date: 7/6/15

Title: Associate Planner

City of Sunnyvale

Signature: 

Planning	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
1. Aesthetics -Substantially damage scenic resources, including, but not limited to trees, historic buildings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Sunnyvale General Plan Map www.sunnyvaleplanning.com Community Character and Land Use and Transportation Chapters of the Sunnyvale General Plan generalplan.inSunnyvale.com Sunnyvale Heritage Resources Inventory SMC 19.90 Tree Preservation Ordinance Sunnyvale Inventory of Heritage Trees
2. Aesthetics -Substantially degrade the existing visual character or quality of the site and its surroundings, including significant adverse visual changes to neighborhood character?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> Sunnyvale General Plan Map Community Character and Land Use Chapters of the Sunnyvale General Plan SMC 19.54 Wireless Telecommunications Ordinance http://qcode.us/codes/sunnyvale/view.php?topic=19-4-19_54&showAll=1&frames=off City-Wide Design Guidelines
3. Aesthetics -Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Sunnyvale General Plan Map Community Character and Land Use Chapters of the Sunnyvale General Plan SMC 19.54 Wireless Telecommunications Ordinance http://qcode.us/codes/sunnyvale/view.php?topic=19-4-19_54&showAll=1&frames=off City-Wide Design Guidelines
4. Population and Housing - Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure) in a way that is inconsistent with the Sunnyvale General Plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Land Use and Transportation Chapter of the Sunnyvale General Plan General Plan Map www.sunnyvaleplanning.com City of Sunnyvale General Plan Housing and Community Revitalization Sub-element
5. Population and Housing -Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Housing Chapter, Land Use and Transportation Chapter of the Sunnyvale General Plan General Plan Map www.sunnyvaleplanning.com
6. Population and Housing -Displace substantial numbers of people, necessitating the construction of	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	City of Sunnyvale General Plan, Housing Chapter www.sunnyvaleplanning.com

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replacement housing elsewhere?					
7. Land Use Planning - Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sunnyvale General Plan Map www.sunnyvaleplanning.com
8. Land Use Planning - Conflict with the Sunnyvale General Plan, Zoning Ordinance, San Francisco Bay Conservation and Development Commission (BCDC) area or related specific plan adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Land Use and Transportation Chapter of the Sunnyvale General Plan Title 19 (Zoning) of the Sunnyvale Municipal Code http://qcode.us/codes/sunnyvale/view.php?topic=19&frames=off
9. Transportation and Traffic - Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Parking Requirements (Section 19.46) in the Sunnyvale Municipal Code http://qcode.us/codes/sunnyvale/view.php?topic=19-4-19_46&frames=off
10. For a project located the Moffett Field AICUZ or an airport land use plan, or where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Moffett Field Air Installations Compatible Use Zones (AICUZ) Sunnyvale Zoning Map Sunnyvale General Plan Map www.sunnyvaleplanning.com FAA Determination of No Hazard to Air Navigation Letter for the project dated June 24, 2015
11. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> There are no private airstrips in or in the vicinity of Sunnyvale
12. For a project within the vicinity of Moffett Federal Airfield, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Moffett Field Air Installations Compatible Use Zones (AICUZ) Study Map FAA Determination of No Hazard to Air Navigation Letter for the project dated June 24, 2015
13. Agricultural Resources - Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Sunnyvale Zoning Map www.sunnyvaleplanning.com
14. Noise - Exposure of persons to or generation of noise levels in excess of standards established in the Noise Sub-Element, Noise limits in the Sunnyvale Municipal Code, or applicable standards of the California Building Code?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Safety and Noise Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com SMC 19.54 Wireless Telecommunications Ordinance http://qcode.us/codes/sunnyvale/view.php?topic=19-4-19_54&showAll=1&frames=off

Planning	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
					<ul style="list-style-type: none"> SMC 19.42 Noise Ordinance http://qcode.us/codes/sunnyvale/view.php?topic=19&frames=off
15. Noise -Exposure of persons to or generation of excessive_groundborne vibration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> Safety and Noise Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com SMC 19.42 Noise Ordinance http://qcode.us/codes/sunnyvale/view.php?topic=19&frames=off Moffett Place EIR
16. Noise - A substantial permanent or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Safety and Noise Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com SMC 19.54 Wireless Telecommunications Ordinance http://qcode.us/codes/sunnyvale/view.php?topic=19-4-19_54&showAll=1&frames=off SMC 19.42 Noise Ordinance http://qcode.us/codes/sunnyvale/view.php?topic=19&frames=off
17. Biological Resources - Have a substantially adverse impact on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> General Plan Map Project Description Santa Clara Valley Water District (SCVWD) Guidelines and Standards for Land Use Near Streams www.valleywater.org
18. Biological Resources -Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> General Plan Map Project Description
19. Biological Resources -Interfere substantially with the movement of any resident or migratory fish or wildlife species or with established native resident migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> General Plan Map Project Description
20. Biological Resources -Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> SMC 19.90 Tree Preservation Ordinance Sunnyvale Inventory of Heritage Trees

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21. Biological Resources -Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> General Plan Map Project Description
22. Historic and Cultural Resources - Cause a substantial adverse change in the significance of a historical resource or a substantial adverse change in an archeological resource?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Community Character Chapter of the Sunnyvale General Plan, Sunnyvale Inventory of Heritage Resources The United States Secretary of the Interior's "Guidelines for Rehabilitation" Criteria of the National Register of Historic Places
23. Historic and Cultural Resources - Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description
24. Public Services - Would the project result in substantial adverse physical impacts associated with the provision of new or expanded public schools, the construction of which could cause significant environmental impacts, in order to maintain acceptable performance objectives?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> The following public school districts are located in the City of Sunnyvale: Fremont Union High School District, Sunnyvale Elementary School District, Cupertino Union School District and Santa Clara Unified School District.
25. Air Quality - Conflict with or obstruct implementation of the BAAQMD air quality plan? How close is the use to a major road, hwy. or freeway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> BAAQMD CEQA Guidelines Sunnyvale General Plan Map www.sunnyvaleplanning.com BAAQMD Screening Analysis Tables -Advanced Screening for Mobile Hazardous Sources within 1,000 feet of Project Site
26. Air Quality - Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> BAAQMD CEQA Guidelines
27. Air Quality -Would the project conflict with any applicable plan, policy or regulation of any agency adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> BAAQMD CEQA Guidelines AB 32

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28. Air Quality -Violate any air quality standard or contribute substantially to an existing or projected air quality violation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> BAAQMD CEQA Guidelines CalEEMod Results
29. Air Quality -Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> BAAQMD CEQA Guidelines
30. Air Quality -Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> BAAQMD CEQA Guidelines
31. Seismic Safety -Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Safety and Noise Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com California Geological Survey – Alquist-Priolo Earthquake Fault Zones Map
32. Seismic Safety - Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Safety and Noise Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
33. Seismic Safety-Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Safety and Noise Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com California Building Code
34. Seismic Safety-Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Safety and Noise Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com 2001 ABAG Liquefaction Hazard Map www.abag.ca.gov California Building Code

Further Discussion if "Less than Significant" with or without mitigation:

2. Aesthetics (Less than Significant): The project site is a public facility property, and will be the location of the City's Fire Station 5 building. Project plans and photosimulations demonstrate that the proposed monopole would be visible from adjacent streets and from within the project site. However, given its central location within the Moffett Park Specific Plan district and cover of newly constructed high-rise office buildings at the Moffett Place development, the monopole is not expected to be visible from the nearest residential properties south of Highway 237. The proposed monopole has been designed to be minimally obtrusive with a slim profile and a matte grey color to blend in with the sky. Antenna assemblies do not project significantly from the pole structure. The design of the monopole is consistent with other existing freestanding monopoles and communication structures in the Moffett Park Specific Plan district. Depending on the view angle, there are also several mature trees that offset the visual height of the structure. Given the project's location, the

proposed design, and existing high-rise building/vegetation cover, the proposed monopole is not expected to have significant visual impacts on the site or surrounding Moffett Park Specific Plan district, nor would the monopole substantially degrade the character of the area.

15. Noise (Less than Significant): The project may require pile-driving for installation of the foundation needed to support the monopole. No known sensitive receptors are located within 300 feet of the project site. Construction noise and vibration impacts were assessed for the construction of Fire Station 5 in the Moffett Place EIR and similar construction mitigation measures would be used for the construction of the monopole. Vibration impacts with pile driving activities were found to be less than significant since sensitive receptors are located a significant distance away and pile driving would be intermittent and not continuous throughout the entire day.

Construction noise mitigation measures from the Moffett Place EIR include the following:

Prior to the issuance of demolition permits or ground disturbing activities (whichever occurs first), the Contractor shall demonstrate to the satisfaction of the City of Sunnyvale Community Development Department that the proposed project complies with the following:

- Construction contracts specify that all construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers and other state required noise attenuation devices.
- Property occupants located adjacent to the project boundary shall be sent a notice, at least 15 days prior to commencement of construction of each phase, regarding the construction schedule of the proposed project. A sign, legible at a distance of 50 feet shall also be posted at the project construction site. All notices and signs shall be reviewed and approved by the City of Sunnyvale Community Development Department prior to mailing or posting and shall indicate the dates and duration of construction activities, as well as provide a contact name and a telephone number where residents can inquire about the construction process and register complaints.
- The Contractor shall provide evidence that a construction staff member will be designated as a Noise Disturbance Coordinator and will be present on-site during construction activities. The Noise Disturbance Coordinator shall be responsible for responding to any local complaints about construction noise. When a complaint is received, the Noise Disturbance Coordinator shall notify the City within 24-hours of the complaint and determine the cause of the noise complaint (e.g., starting too early, bad muffler, etc.) and shall implement reasonable measures to resolve the complaint, as deemed acceptable by the Community Development Department. All notices that are sent and all signs posted at the construction site shall include the contact name and the telephone number for the Noise Disturbance Coordinator.
- During construction, stationary construction equipment shall be placed such that emitted noise is directed away from sensitive noise receivers.
- Pursuant to the Municipal Code Chapter 16.08, construction activities shall occur between the hours of 7:00 a.m. and 6:00 p.m. on weekdays, 7:00 a.m. and 5:00 p.m. on Saturdays, and shall be prohibited on Sundays and holidays or as approved by the Chief Building Official.

19. Biological Resources – Riparian (Less than Significant): The project site is considered a “streamside” property because it is located within 75 feet of the centerline of a waterway owned by the Santa Clara Valley Water District (SCVWD). As a result, the project is subject to the SCVWD’s Guidelines for Land Use Near Streams. The Sunnyvale West Channel to the east of the site is not itself an open riparian corridor of any habitat value. Riparian habitat impacts were assessed for the construction of Fire Station 5 in the Moffett Place EIR and similar mitigation measures would be used for the construction of the monopole to ensure no indirect adverse effects on potential riparian and aquatic habitats of the Sunnyvale West Channel:

- Dust control must be practiced during demolition and grading.
- The City of Sunnyvale routinely requires implementation of protective measures for all projects adjacent to stream courses. For all work adjacent to stream channels, best management practices (BMPs) shall be implemented to prevent bank erosion, sedimentation, release of contaminants, accidental incursion by construction equipment below the tops of bank. Such measures may include installation of silt fencing, hay bales, straw wattles or other protective devices to prevent the downslope migration of silt or sediment from the construction site.
- Post-construction BMPs incorporated into the project’s drainage plan shall comply with Provision C.3.c of the Municipal Regional Stormwater Permit (see Impact 4.5-5 in Section 4.3, Hydrology and Water Quality, for more discussion) to ensure that no significant adverse effects on water quality of the Sunnyvale West Channel or the adjacent riparian habitat would result.
- All storm water treatment facilities must be in accordance with local and regional water quality standards to ensure there is no release of contaminants into the aquatic environment.

17. Biological Resources – Movement of Wildlife (Less than Significant): The Moffett Place EIR studied potential impacts to wildlife with development on the project site and found that although the project site is situated adjacent to the Sunnyvale West Channel, the existing site conditions do not represent a significant wildlife movement corridor between Sunnyvale West Channel and other significant wildlife habitats. Therefore, any movement of wildlife from the channel onto the site are likely currently restricted to incidental movements related to foraging, ostensibly by common and widespread species that associate humans with food sources (e.g., rubbish), or that prey on such animals. The EIR concluded that the Moffett Place and fire station project implementation would not have a significant effect on wildlife movements or use of native wildlife nursery sites.

Due to the large percentage of glass and extensive landscaping proposed for the Moffett Place development and its potential to result in bird collisions and mortalities, the EIR specified that the project shall incorporate design features for bird-safe buildings. The proposed monopole project is consistent with the City's Bird-Safe Design Guidelines since it does not propose reflective materials, glass, or lighting. Moreover, the monopole is slender in nature and is not expected to obstruct movement. Therefore, the proposed project would not have a significant impact on wildlife movements.

Responsible Division: Planning Division

Completed by: George Schroeder Date: 7/6/15

Transportation	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
35. Exceeds the capacity of the existing circulation system, based on an applicable measure of effectiveness (as designated in a general plan policy, ordinance, etc.), taking into account all modes of transportation including nonmotorized travel and all relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian walkways, bicycle paths, and mass transit?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description Land Use and Transportation Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
36. Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measurements, or other standards established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description Land Use and Transportation Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com 2009 VTA Congestion Management Program
37. Results in a change in air traffic patterns, including either an increase in air traffic levels or a change in flight patterns or location that results in substantial safety risks to vehicles, bicycles, or pedestrians?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description Land Use and Transportation Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
38. Substantially increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description Land Use and Transportation Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
39. Conflict with adopted policies, plans, or programs regarding public transit or nonmotorized transportation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description Land Use and Transportation Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
40. Affect the multi-modal performance of the highway and/or street and/or rail and/or off road nonmotorized trail transportation facilities, in terms of structural, operational, or perception-based measures of effectiveness (e.g. quality of service for nonmotorized and transit modes)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description Land Use and Transportation Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
41. Reduce, sever, or eliminate pedestrian or bicycle circulation or access, or preclude future planned and approved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description Land Use and Transportation Chapter of the Sunnyvale

Transportation	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
bicycle or pedestrian circulation?					General Plan www.sunnyvaleplanning.com
42. Cause a degradation of the performance or availability of all transit including buses, light or heavy rail for people or goods movement?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> • Project description • 2009 VTA Congestion Management Program

Further Discussion if "Less than Significant" with or without mitigation: None required.

Responsible Division: Planning Division

Completed by: George Schroeder Date: 7/6/15

Building	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
43. Hydrology and Water Quality - Place housing within a 100-year floodplain, as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> FEMA Flood Insurance Rate Map No. 06085C0045H Effective 5/18/09 California Building Code Title 16 (Building) of the Sunnyvale Municipal Code
44. Hydrology and Water Quality - Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> FEMA Flood Insurance Rate Map No. 06085C0045H Effective 5/18/09 California Building Code Title 16 (Building) of the Sunnyvale Municipal Code
45. Hydrology and Water Quality - Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> 1995 ABAG Dam Inundation Map www.abag.ca.gov California Building Code Title 16 (Building) of the Sunnyvale Municipal Code
46. Geology and Soils -Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Sunnyvale Municipal Code 12.60 Storm Water Quality Best Sunnyvale Management Practices Guideline Manual
47. Geology and Soils -Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> Safety and Noise Chapter of the Sunnyvale General Plan, www.sunnyvaleplanning.com California Building Code California Plumbing, Mechanical, and Electrical Codes Title 16 (Building) of the Sunnyvale Municipal Code
48. Geology and Soils -Be located on expansive soil, as defined by the current building code, creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> California Building Code California Plumbing, Mechanical, and Electrical Codes Title 16 (Building) of the Sunnyvale Municipal Code

Further Discussion if "Less than Significant" with or without mitigation:

47 and 48. Geology and Soils (Less than Significant): The project's geotechnical report notes potential liquefaction of several sand and silt layers below the design ground water depth of five feet. The California Building Code contains a series of requirements to address safety issues regarding seismic shaking, flooding, and potential hazards associated with various soil types. In addition, Title 16.62 of the City of Sunnyvale Municipal Code requires a series of measures for provisions to reduce flood-related hazards to buildings. These standards are suggested by the Federal Emergency Management Agency and required by Code by the City of Sunnyvale. These standards must be met for a Building permit to be issued.

Engineering	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
49. Utilities and Service Systems: Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Environmental Management Chapter of the Sunnyvale General Plan
50. Utilities and Service Systems: Require or result in construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project Description Environmental Management Chapter of the Sunnyvale General Plan
51. Utilities and Service Systems: Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project Description Environmental Management Chapter of the Sunnyvale General Plan
52. Utilities and Service Systems: Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project Description Environmental Management Chapter of the Sunnyvale General Plan
53. Utilities and Service Systems: Result in a determination by the wastewater treatment provider which services or may serve the project determined that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project Description Environmental Management Chapter of the Sunnyvale General Plan
54. Utilities and Service Systems: Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Environmental Management Chapter of the Sunnyvale General Plan
55. Hydrology and Water Quality - Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description Regional Water Quality Control Board (RWQCB) Region 2 Municipal Regional Permit

Engineering	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
56. Hydrology and Water Quality - Substantially degrade groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Santa Clara Valley Water District Groundwater Protection Ordinance www.valleywater.org
57. Hydrology and Water Quality - Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description Environmental Management Chapter of the Sunnyvale General Plan
58. Hydrology and Water Quality - Create or contribute runoff which would exceed the capacity of existing or planned storm water drainage systems in a manner which could create flooding or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> RWQCB, Region 2 Municipal Regional Permit, Storm water Quality BMP Guidance Manual for New and Redevelopment Projects www.sunnyvaleplanning.com
59. Hydrology and Water Quality - Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Santa Clara Valley Water District (SCVWD) Guidelines and Standards for Land Use Near Streams www.valleywater.org City of Sunnyvale Storm water Quality Best Management Practices (BMP) Guidance Manual for New and Redevelopment Projects
60. Utilities and Service Systems: Comply with federal, state, and local statues and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Environmental Management Chapter of the Sunnyvale General Plan
61. Public Services Infrastructure? Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Public Safety	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
62. Public Services Police and Fire protection - Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Safety and Noise Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
63. Public Services Police and Fire protection - Would the project result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	California Building Code SMC Section 16.52 Fire Code

Further Discussion if “Less Than Significant” with or without mitigation: None required.

Responsible Division: Planning Division

Completed by: George Schroeder Date: 7/6/15

Public Safety – Hazardous Materials	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
64. Hazards and Hazardous Materials - Create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<ul style="list-style-type: none"> Project description
65. Hazards and Hazardous Materials - Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description Sunnyvale Project Environmental Information Form
66. Hazards and Hazardous Materials - Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Project description Sunnyvale Zoning Map General Plan Map Community Vision Chapter of the City of Sunnyvale General Plan
67. Hazards and Hazardous Materials - Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Envirostar Hazardous Waste and Substances Site List (State of California) SWRCB GeoTracker Map Sunnyvale Project Environmental Information Form
68. Hazards and Hazardous Materials - Impair implementation of, or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Safety and Noise Chapter of the City of Sunnyvale General Plan www.sunnyvaleplanning.com

Further Discussion if "Less than Significant" with or without mitigation:

64. Hazards and Hazardous Materials (Less than Significant with Mitigation):

The proposed wireless telecommunications facility is expected to generate Radio Frequency (RF) emissions. The facility is subject to the standards and limits set by the Federal Communications Commission (FCC) for human exposure to radiofrequency emissions. The project is required to provide an RF emissions analysis prior to issuance of building permits demonstrating that the emissions generated by the proposed project would be substantially below the maximum permissible exposure limit established by the FCC. Additionally, future wireless telecommunications carriers will be required to provide individual RF emissions analyses. As a result, the proposed project is not expected to have significant adverse effects related to hazardous materials or emissions.

Community Services	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
69. Public Services Parks-Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Land Use and Transportation Chapter of the Sunnyvale General Plan, Community Character Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
70. Recreation - Would the project increase the use of existing neighborhood or regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Land Use and Transportation Chapter of the Sunnyvale General Plan, Community Character Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
71. Recreation - Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Land Use and Transportation Chapter of the Sunnyvale General Plan, Community Character Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com

Further Discussion if "Less Than Significant" with or without mitigation: None required.

Responsible Division: Planning Division

Completed by: George Schroeder Date: 7/6/15

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City of Sunnyvale General Plan:

Sunnyvale General Plan Consolidated in (2011)

generalplan.InSunnyvale.com

- Community Vision
- Land Use and Transportation
- Community Character
- Housing
- Safety and Noise
- Environmental Management
- Appendix A: Implementation Plans

City of Sunnyvale Municipal Code:

- Title 8 Health and Sanitation
- Title 9 Public Peace, Safety or Welfare
- Title 10 Vehicles and Traffic
- Title 12 Water and Sewers
- Chapter 12.60 Storm Water Management
- Title 13 Streets and Sidewalks
- Title 16 Buildings and Construction
 - Chapter 16.52 Fire Code
 - Chapter 16.54 Building Standards for Buildings Exceeding Seventy –Five Feet in Height
- Title 18 Subdivisions
- Title 19 Zoning
 - Chapter 19.28 Downtown Specific Plan District
 - Chapter 19.29 Moffett Park Specific plan District
 - Chapter 19.39 Green Building Regulations
 - Chapter 19.42 Operating Standards
 - Chapter 19.54 Wireless Telecommunication Facilities
 - Chapter 19.81 Streamside Development Review
 - Chapter 19.96 Heritage Preservation
- Title 20 Hazardous Materials

Specific Plans:

- Downtown Specific Plan
- El Camino Real Precise Plan
- Lockheed Site Master Use Permit
- Moffett Park Specific Plan
- 101 & Lawrence Site Specific Plan
- Southern Pacific Corridor Plan
- Lakeside Specific Plan
- Arques Campus Specific Plan

Environmental Impact Reports:

- Futures Study Environmental Impact Report
- Lockheed Site Master Use Permit Environmental Impact Report

- Tasman Corridor LRT Environmental Impact Study (supplemental)
- Kaiser Permanente Medical Center Replacement Center Environmental Impact Report (City of Santa Clara)
- Downtown Development Program Environmental Impact Report
- Caribbean-Moffett Park Environmental Impact Report
- Southern Pacific Corridor Plan Environmental Impact Report
- East Sunnyvale ITR General Plan Amendment EIR
- Palo Alto Medical Foundation Medical Clinic Project EIR
- Luminaire (Lawrence Station Road/Hwy 237 residential) EIR
- NASA Ames Development Plan Programmatic EIS
- Mary Avenue Overpass EIR
- Mathilda Avenue Bridge EIR

Maps:

- General Plan Map
- Zoning Map
- City of Sunnyvale Aerial Maps
- Flood Insurance Rate Maps (FEMA)
- Santa Clara County Assessor's Parcel
- Utility Maps
- Air Installations Compatible Use Zones (AICUZ) Study Map
- 2010 Noise Conditions Map

Legislation / Acts / Bills / Resource Agency Codes and Permits:

- Subdivision Map Act
- San Francisco Bay Region
- Municipal Regional Stormwater NPDES Permit
- Santa Clara County Valley Water District Groundwater Protection Ordinance
- Section 404 of Clean Water Act

Lists / Inventories:

- Sunnyvale Cultural Resources Inventory List
- Heritage Landmark Designation List
- Santa Clara County Heritage Resource Inventory
- Hazardous Waste & Substances Sites List (State of California)
- List of Known Contaminants in Sunnyvale
- USFWS / CA Dept. F&G Endangered and Threatened Animals of California
<http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/TEAnimals.pdf>

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- The Leaking Underground Petroleum Storage Tank List www.geotracker.waterboards.ca.gov
- The Federal EPA Superfund List www.epa.gov/region9/cleanup/california.html
- The Hazardous Waste and Substance Site List www.dtsc.ca.gov/SiteCleanup/Cortese_List.cfm

Guidelines and Best Management Practices

- Storm Water Quality Best Management Practices Guidelines Manual 2007
- Sunnyvale Citywide Design Guidelines
- Sunnyvale Industrial Guidelines
- Sunnyvale Single-Family Design Techniques
- Sunnyvale Eichler Guidelines
- Blueprint for a Clean Bay
- Santa Clara Valley Water District (SCVWD) Guidelines and Standards for Land Use Near Streams
- The United States Secretary of the Interior 's Guidelines for Rehabilitation
- Criteria of the National Register of Historic Places

Transportation:

- California Department of Transportation Highway Design Manual
- California Department of Transportation Traffic Manual
- California Department of Transportation Standard Plans & Standard Specifications
- Highway Capacity Manual
- Institute of Transportation Engineers - Trip Generation Manual & Trip Generation Handbook
- Institute of Transportation Engineers - Traffic Engineering Handbook
- Institute of Transportation Engineers - Manual of Traffic Engineering Studies
- Institute of Transportation Engineers - Transportation Planning Handbook
- Institute of Transportation Engineers - Manual of Traffic Signal Design
- Institute of Transportation Engineers - Transportation and Land Development
- U.S. Dept. of Transportation Federal Highway Administration Manual on Uniform Traffic Control Devices for Street and Highways & CA Supplements
- California Vehicle Code
- Santa Clara County Congestion Management Program and Technical Guidelines
- Santa Clara County Transportation Agency Short Range Transit Plan
- Santa Clara County Transportation Plan

- Traffic Volume Studies, City of Sunnyvale Public Works Department of Traffic Engineering Division
- Statewide Integrated Traffic Records System
- Sunnyvale Zoning Ordinance – including Titles 10 & 13
- City of Sunnyvale General Plan – land Use and Transportation Element
- City of Sunnyvale Bicycle Plan
- City of Sunnyvale Neighborhood Traffic Calming Program
- Valley Transportation Authority Bicycle Technical Guidelines
- Valley Transportation Authority Community Design & Transportation – Manual of Best Practices for Integrating Transportation and Land Use
- Santa Clara County Sub-Regional Deficiency Plan
- City of Sunnyvale Deficiency Plan
- AASHTO: A Policy on Geometric Design of Highways and Streets

Public Works:

- Standard Specifications and Details of the Department of Public Works
- Storm Drain Master Plan
- Sanitary Sewer Master Plan
- Water Master Plan
- Solid Waste Management Plan of Santa Clara County
- Geotechnical Investigation Reports
- Engineering Division Project Files
- Subdivision and Parcel Map Files

Miscellaneous Agency Plans:

- ABAG Projections 2010
- Bay Area Clean Air Plan
- BAAQMD CEQA Guidelines

Building Safety:

- California Building Code,
- California Energy Code
- California Plumbing Code,
- California Mechanical Code,
- California Electrical Code
- California Fire Code
- Title 16.52 Sunnyvale Municipal Code
- Title 16.53 Sunnyvale Municipal Code
- Title 16.54 Sunnyvale Municipal Code
- Title 19 California Code of Regulations
- National Fire Protection Association (NFPA) standards

OTHER:

Project Specific Information

- Project Description
- Sunnyvale Project Environmental Information Form dated June 23, 2015
- Project Development Plans, dated June 30, 2015
- Geotechnical Investigation for Fire Station 5, dated April 18, 2014
- Project Supplemental Deep Foundation Recommendations, dated January 14, 2015
- Project photosimulations dated July 6, 2015
- Moffett Place Final Subsequent EIR dated October 2013
- FAA Determination of No Hazard to Air Navigation letter dated June 24, 2015