Project Title	Bright Horizons at 1010 Sunnyvale-Saratoga Road
Lead Agency Name and Address	City of Sunnyvale P.O. Box 3707, Sunnyvale, CA 94088-3707
Contact Person	Momoko Ishijima
Phone Number	(408) 730-7532
Project Location	1010 Sunnyvale-Saratoga Road (APN: 211-21-032)
Applicant's Name	DPM Property Management, Inc.
Zoning	C-1 Neighborhood Business Combining District: Planned Development
General Plan	Commercial
Other Public Agencies whose approval is required	

# **BRIEF PROJECT DESCRIPTION**

**Special Development Permit** to allow a new 18,600-square foot building to accommodate a child care center on an approximately 2.3-acre vacant site. The program will accommodate 240 children (ages between 6 weeks to 6 years old) and 49 staff positions. The facility is designed to have 20 separate classrooms. The child care center will operate 11 hours per day (Monday through Friday). The project includes an approximately 9,500-square foot outdoor play area. The play area will be enclosed with a six-foot high fence. The play area will be screened with landscaping and vegetation to provide a park-like setting. A surface parking area will be provided for staff and child drop-off/pick-up. 60 parking stalls will be provided meeting the minimum required number of parking for a 240-child capacity.

# **DETAILED PROJECT DESCRIPTION**

<u>Surrounding Uses and Setting:</u> The Project site is located at 1010 Sunnyvale-Saratoga Road at the north-east corner of the East Remington Drive intersection in Sunnyvale. The site is currently vacant and surrounded by land uses including apartments and townhouse developments to the north, south, and east, single family residences to the west, and commercial developments to the south, west, and southwest.

The Project site is located near several transit routes, including bus service operated by the VTA and passenger rail service operated by Caltrain. Bus service is provided by the Santa Clara Valley Transportation Authority (VTA) with a stop for Route 55 operating between De Anza College in the City of Cupertino and Great America amusement park in the City of Santa Clara via

Sunnyvale Transit Center. Route 55 has two stops adjacent to the Project site at Sunnyvale-Saratoga Road/East Remington Drive, and East Remington Drive/Azure Street. Both stops are within 500-feet walking distance to the Project site.

## On-site Development:

The proposed project is to construct a new 18,600-square foot building for use as a child care center on a vacant lot. The center would have a capacity of 240 children of ages 6 weeks to 6 years old. Inside the building there would be 20 classrooms and an indoor playroom along with associated support and administrative spaces. An approximately 9,500 square feet play area would be constructed on the north side.

Public vehicle access to the project site would be provided via two separate driveways on Sunnyvale-Saratoga Road and East Remington Drive. Service and emergency vehicles would access the project site from either driveway. Both driveways would be restricted to right-in/rightout movements, and both driveway entry widths would provide space for two passenger vehicles.

Pedestrian access will be provided via 10-foot wide sidewalks along Sunnyvale-Saratoga Road and East Remington Drive. There are no gaps in the adjacent sidewalk and crosswalk network that would prevent pedestrians from accessing nearby bus stops or land uses. The project would also provide pedestrian access into the child care center entrance and exterior play areas on the north side of the development. Bicyclists would be able to access the site through both driveways.

The site has an adequate number of parking and aisle width for circulation of vehicles in and out of spaces, and through the site. Locating driveways on both the adjacent roadways facilitate movements through the site without the need to make a U-Turn on site. The parking aisle widths accommodate the movement of two passenger vehicles and allow for bidirectional movements throughout the site.

A Special Development Permit (SDP) is required for the proposed use and site and architectural review.

## Off-site Improvements:

The Project includes modifications to the westbound approach on East Remington Drive to provide a dedicated right-turn lane (for a total of two left-turn lanes, one through lane, and one right-turn lane). The project would also include the dedication of a 12-foot wide right-of-way along East Remington Drive and an additional 3-foot wide right-of-way along Sunnyvale-Saratoga Road for the installation of 10-foot wide sidewalks with 4'x5' tree wells with grates along East Remington Drive and Sunnyvale Saratoga Road. The project would also install a new VTA bus stop for Route 55 in front of the project site on Sunnyvale Saratoga Road.

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# **EVALUATION OF ENVIRONMENTAL IMPACTS:**

- 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, 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).
- 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.

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#### 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.

Aesthetics	Hazards & Hazardous Materials	Public Services
Agricultural Resources	Hydrology/Water Quality	Recreation
Air Quality	Land Use/Planning	Transportation/Traffic
Biological Resources	Mineral Resources	Utilities/Service Systems
Cultural Resources	Noise	Mandatory Findings of
Geology/Soils	Population/Housing	Significance

#### 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?

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)?

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

		Yes	
	$\boxtimes$	No	
		Yes	
,	$\boxtimes$	No	
		Yes	
		ΝΙ.	

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## **DETERMINATION:**

On the basis of this initial evaluation:

I find that the proposed project COULD NOT have a significant effect on the e NEGATIVE DECLARATION will be prepared.	nvironment, and a	
I find that although the proposed project could have a significant effect on the will not be a significant effect in this case because revisions in the project have agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION	e been made by or	
I find that the proposed project MAY have a significant effect on the environme ENVIRONMENTAL IMPACT REPORT is required.	ent, and an	
I find that the proposed project MAY have a "potential significant impact" or "p unless mitigated" impact on the environment, but at least one effect (1) has be analyzed in an earlier document pursuant to applicable legal standards, and (2 addressed by mitigation measures based on the earlier analysis as described sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must ana effects that remain to be addressed.	een adequately 2) has been on attached	
I find that although the proposed project could have a significant effect on the because all potentially significant effects (a) have been analyzed in an earlier DECLARATION pursuant to applicable standards and (b) have been avoided pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions measures that are imposed upon the proposed project, nothing further is requ	EIR or NEGATIVE or mitigated s or mitigation	
Checklist Prepared By: Momoko Ishijima	Date: 11/6/17	
Title: Associate Planner	City of Sunnyvale	
Signature:		

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Planning	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
<ol> <li>Aesthetics -Substantially damage scenic resources, including, but not limited to trees, historic buildings?</li> </ol>					Sunnyvale General Plan Map, Land Use and Transportation Chapter 3, and Community Character Chapter 4 of the Sunnyvale General Plan <u>www.sunnyvaleplanning.com</u>
<ol> <li>Aesthetics -Substantially degrade the existing visual character or quality of the site and its surroundings including significant adverse visual changes to neighborhood character</li> </ol>					Sunnyvale General Plan Map, Land Use and Transportation Chapter 3, and Community Character Chapter 4 of the Sunnyvale General Plan www.sunnyvaleplanning.com
3. Aesthetics -Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?					Sunnyvale General Plan Map, Land Use and Transportation Chapter 3, and Community Character Chapter 4 of the Sunnyvale General Plan www.sunnyvaleplanning.com
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?				$\square$	Sunnyvale General Plan Map, and Land Use and Transportation Chapter 3 of the Sunnyvale General Plan www.sunnyvaleplanning.com
5. Population and Housing -Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				$\boxtimes$	Land Use and Transportation Chapter 3, and Housing Chapter 5 of the Sunnyvale General Plan and General Plan Map www.sunnyvaleplanning.com
6. Population and Housing -Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				$\square$	Housing Chapter 5 of the Sunnyvale General Plan and General Plan Map www.sunnyvaleplanning.com
7. Land Use Planning - Physically divide an established community?				$\square$	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?					Land Use and Transportation Chapter 3 of the Sunnyvale General Plan, Title 19 (Zoning) of the Sunnyvale Municipal Code <u>http://qcode.us/codes/sunnyvale/vie</u> w.php?topic=19&frames=off
9. Transportation and Traffic - Result in inadequate parking capacity?				$\bowtie$	Parking Requirements (Section 19.46) in the Sunnyvale Municipal Code <u>http://qcode.us/codes/sunnyvale/view.</u> <u>php?topic=19-4-19_46&amp;frames=off</u>

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Planning	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
					Transportation Impact Analysis by Fehr and Peers, dated November 2017
10. For a project located within 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 expose people residing or working in the project area to excessive noise levels?				$\boxtimes$	Santa Clara County Airport Comprehensive Land Use Plan (CLUP), Sunnyvale Zoning Map, Sunnyvale General Plan Map www.sunnyvaleplanning.com
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?				$\boxtimes$	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?				$\boxtimes$	Santa Clara County Airport Comprehensive Land Use Plan (CLUP)
<ol> <li>Agricultural Resources - Conflict with existing zoning for agricultural use, or a Williamson Act contract?</li> </ol>				$\square$	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?					Safety and Noise Chapter of the Sunnyvale General Plan, SMC <u>www.sunnyvaleplanning.com</u> 19.42 Noise Ordinance <u>http://qcode.us/codes/sunnyvale/vie</u> <u>w.php?topic=19&amp;frames=off</u> Project Environmental Noise Analysis by Charles M. Salter Associates Inc. dated July 21, 2017
15. Noise -Exposure of persons to or generation of excessive ground borne vibration?					Safety and Noise Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com Project Environmental Noise Analysis by Charles M. Salter Associates Inc. dated July 21, 2017
16. Noise - A substantial permanent or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?					Safety and Noise Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com Project Description Project Environmental Noise Analysis by Charles M. Salter Associates Inc. dated July 21, 2017
<ol> <li>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</li> </ol>					Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com

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Planning	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
California Department of Fish and Game or U.S Wildlife Service?					
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?					Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com 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?					Environmental Management Chapter 7 of the Sunnyvale General Plan <u>www.sunnyvaleplanning.com</u> Project Description
20. Biological Resources -Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?			$\square$		SMC 19.94 Tree Preservation Ordinance Sunnyvale Inventory of Heritage Trees Arborist Report by Hirschbek Tree Surgery dated July 2017
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?					Land Use and Transportation Chapter 3 of the Sunnyvale General Plan and General Plan Map www.sunnyvaleplanning.com
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?					Community Character Chapter 4 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?					California Health and Safety Code Section 7050.5(b), CEQA Guidelines Section 15064.5(e) Project description CHRIS/NWIC Letter, dated August 1, 2017
24. Public Services - Would the project result in substantial adverse physical impacts associated with the provision of				$\square$	The following public school districts are located in the City of Sunnyvale: Fremont Union High School District,

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Planning	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
new or expanded public schools, the construction of which could cause significant environmental impacts, in order to maintain acceptable performance objectives?					Sunnyvale Elementary School District, Cupertino Union School District and Santa Clara Unified School District.
25. Air Quality - Conflict with or obstruct implementation of the <u>BAAQMD</u> air quality plan? How close is the use to a major road, hwy. or freeway?		$\boxtimes$			BAAQMD CEQA Guidelines Thresholds Sunnyvale General Plan Map Sunnyvale Air Quality Sub-Element www.sunnyvaleplanning.com
26. Air Quality - Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			$\square$		BAAQMD CEQA Guidelines Thresholds AB 32
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?					BAAQMD CEQA Guidelines Thresholds Sunnyvale Climate Action Plan 2014 AB 32
<ol> <li>Air Quality -Violate any air quality standard or contribute substantially to an existing or projected air quality violation.</li> </ol>					BAAQMD CEQA Guidelines Thresholds Sunnyvale General Plan Map Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com
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)?					BAAQMD CEQA Guidelines Thresholds Sunnyvale General Plan Map Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com
30. Air Quality -Expose sensitive receptors to substantial pollutant concentrations?					BAAQMD CEQA Guidelines Thresholds Sunnyvale General Plan Map Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com
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				$\square$	Safety and Noise Chapter 6 of the Sunnyvale General Plan www.sunnyvaleplanning.com

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Planning	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
Geologist for the area or based on other substantial evidence of a known fault?					
32. Seismic Safety - Inundation by seiche, tsunami, or mudflow?				$\square$	Safety and Noise Chapter 6 of the Sunnyvale General Plan www.sunnyvaleplanning.com
33. Seismic Safety-Strong seismic ground shaking?				$\square$	Safety and Noise Chapter 6 of the Sunnyvale General Plan www.sunnyvaleplanning.com
34. Seismic Safety-Seismic-related ground failure, including liquefaction?				$\square$	Safety and Noise Chapter 6 of the Sunnyvale General Plan www.sunnyvaleplanning.com

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

**1. Aesthetics – Scenic resources (Less than Significant)** – The project site is in an urban area with a mix of commercial, residential and public uses that has no designated scenic resources. The project would result in the removal of seven existing trees, including two protected sized trees, on the 2.31-acre site. Per Sunnyvale Municipal Code (SMC) Chapter 19.94, Chapter 19.37 and the City's Tree Replacement Standards, the project will include replacement of trees and the installation of landscaping to improve the visual/aesthetic character of the area. Therefore, the proposed project would have a less than significant impact on scenic resources at the project site.

**2-3.** Aesthetics – Visual Character (Less than Significant) – Construction of the project will alter the visual character of the site and neighboring properties, which include one-story commercial offices and a retail building, a gasoline station, and one and two-story residential structures. The existing site has been vacant since 2011 when a fire damaged restaurant was demolished. The proposed commercial building is one-story with an architectural style that is contemporary with stucco, horizontal siding, metal tubes and louvers for exterior materials. The proposed project includes a request for deviations to the front setback and frontage landscape requirements, which can be considered through the Special Development Permit process.

The project is subject to the City's development approval process, where the proposed use, design and architecture, and deviations from specified SMC standards will be considered. This review and approval process requires a public hearing by the Planning Commission for final decision. This review would ensure that the proposed design, construction materials and lighting would not adversely affect the visual quality of the area or create a substantial new source of light or glare. The City's implementation of the City-Wide Design Guidelines and staff's review of final development plans during the building permit review process, will ensure that the final design of the project is consistent with the approved plans. Therefore, impacts would be less than significant.

8. Land Use Planning Conflict (Less than Significant) – The proposed project is on an infill site in an urban area that is currently vacant. The proposed child care facility will not physically divide an established community and it is consistent with the land use designation in the Sunnyvale General Plan of Neighborhood Commercial. The Neighborhood Commercial designation allows for a broad range of commercial activities, including commercial uses that serve the communities in neighboring areas. Neighborhood/Community Commercial uses typically have a strong connection to and provide services and amenities for the nearby community and should be designed to promote that connection with an appropriate urban form that supports walking, transit use and public interaction. The proposed child care facility will serve the local community and is an allowable use with a Special Development Permit. The proposed project, therefore, will not

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conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, or zoning ordinance).

**9. Transportation and Traffic (Less than Significant)** –The Project has two separate public access vehicle driveways; one on Sunnyvale Saratoga Road and one on Remington Drive. Both driveways are right-in/right-out driveways. Pedestrian access will be provided via existing sidewalks along Sunnyvale Saratoga Road and Remington Drive. Bicyclists would be able to access the site through both driveways. The design of the Project driveways would adequately accommodate vehicle ingress and egress to the site. There are no gaps in the adjacent sidewalk and crosswalk network that would prevent pedestrians from accessing nearby bus stops or land uses. Existing pedestrian and bicycle facilities would adequately accommodate demand from the Project site to existing and planned transit routes and stops. Based on the requirements of the Sunnyvale Municipal Code (SMC), the Project is required to provide 60 parking spaces for the child care center. The proposed parking supply is sufficient to meet this requirement. The SMC requires a minimum of four bicycle parking spaces with a minimum of three spaces required to be Class II spaces (e.g., bike racks). The proposed site plan proposes the required number of bicycle parking.

**14-15.** Noise (Less than Significant with Mitigation) – An Environmental Noise Analysis for the project was prepared by Charles M. Salter Associates, Inc., dated July 21, 2017. The report includes analysis of noise from children playing, project-generated traffic, operational noise from mechanical equipment.

The proposed child care center would occupy the new 18,600-square foot building with the 9,500-square foot play area located on the north side of the building. The center would operate Monday through Friday between the hours of 7:00 A.M. to 6:00 P.M. with the capacity of 240 children. The outdoor play time would be in 30 to 45 minute staggered intervals from 9:00 A.M. to 12:00 P.M. separated in the three play areas by age, and between 3:00 P.M. to 5:30 P.M. Residential uses are located directly to the north and east separated by a six to nine-foot high masonry wall along the perimeter. The parking area along the north and east side would be utilized by the parents for drop off and pick up parking and by the employees.

To quantify the existing noise environment one long-term noise measurement between June 22 and 27, 2017 along with two short-term measurements were conducted. Project-generated traffic could result in a significant increase in vehicular noise along the adjacent roadways if the existing levels would be increased by more than 3-dB. To generate more than a 3-dB increase in traffic noise levels, the project would roughly need to more than double the amount of traffic on the adjacent roadways. The traffic consultant estimate that 14 percent of the project-trips would be diverted/pass-by trips. Therefore, we do not expect the project-generated traffic to significantly increase current ambient noise levels.

A preliminary analysis was conducted assuming that the project mechanical equipment would be located on the roof of the building or near the building perimeter. The equipment could be located approximately 60 to 80 feet from the neighboring property lines. The analysis calculated that the proposed equipment could not generate the noise levels at a nominal distance of 10 feet. These acceptable noise limits should be feasible to achieve for common air-conditioning and exhaust systems by selecting appropriate models, locating them away from the residences as needed, and providing additional noise barrier screen walls, if required. During the design phase, a detailed analysis of the project mechanical noise, specific equipment locations, and specific noise reduction measures should be performed to confirm compliance with the City Noise Ordinance Limits.

Equipment noise was also compared based on the operating schedule of the facility, HVAC noise that meets the City Noise Ordinance limits would be expected to generate daily average noise levels between DNL 57 dB and 60 dB at the neighboring residences. This would be in-line with the existing ambient noise levels at the site of DNL 59 dB to 70 dB and "Normally Acceptable" land-use noise compatibility guidelines of the City General Plan. Per the above preliminary analysis, we expect that project operational equipment noise can be designed to meet the City Noise Ordinance limits and General Plan guidelines. In addition, equipment noise would not cause a significant increase in current ambient noise levels at the neighboring residences.

To study noise from children playing, average noise levels was measured at another Bright Horizons facility in San Ramon with a similar outdoor play area. The noise level from approximately 20 children playing was measured to be 56 dB at a distance of 75 feet. Based on that measurement, it was estimated the potential noise levels that would be transmitted to neighboring residential properties at the Sunnyvale site. the maximum limit of 120 children at Sunnyvale site would be distributed across the 9,500 square feet play area.

At the San Ramon Bright Horizons facility, indoors noise levels was also measured. We found the indoor noise to be slightly quieter than the outdoor noise. At the Sunnyvale site, the noise from indoor activities is expected to be further reduced by the building envelope, even if windows were open. Therefore, the indoor activity noise emitted to the property line is expected to be even quieter than the outdoor activity noise. The noise from children playing is not expected to significantly increase the ambient levels. Therefore, the noise from children playing would be compatible with the neighboring residential land-uses.

Due to the proximity of the nearest residences to the project site, noise generated by project construction would result in short-term increases in ambient noise levels at the nearby residences. Construction is anticipated to take six to eight months. Outdoor noise levels at noise-sensitive receptors 50 ft. from the noise source could reach as high as 89 dBA. Therefore, the following noise mitigation measures are recommended. Because construction would be short-term in duration, significant permanent noise impacts are not anticipated. In addition, SMC Section 16.08.030 places restrictions on time of construction to minimize nuisance to neighboring properties.

## MITIGATION – CONSTRUCTION NOISE

#### WHAT:

- (1) Provide a temporary noise barrier along the project site boundaries adjacent to residential uses.
- (2) Project construction activities should be limited to daytime hours unless conditions warrant that certain construction activities occur during evening or early morning hours (i.e. extreme heat);
- (3) All noise-producing project equipment and vehicles using internal-combustion engines shall be equipped with mufflers, air-inlet silencers where appropriate, and any other shrouds, shields, or other noise-reducing features in good operating condition that meet or exceed original factory specifications. Mobile or fixed "package" equipment (e.g., arc welders, air compressors) shall be equipped with shrouds and noise-control features that are readily available for that type of equipment.
- (4) All mobile or fixed noise-producing equipment used on the project site that are regulated for noise output by a federal, state, or local agency shall comply with such regulations while in the course of project activity;
- (5) Electrically powered equipment shall be used instead of pneumatic or internal combustion-powered equipment, where feasible;
- (6) Material stockpiles and mobile equipment staging, parking, and maintenance areas shall be located as far as practicable from noise-sensitive receptors;
- (7) The use of noise-producing signals, including horns, whistles, alarms, and bells, shall be for safety warning purposes only; and
- (8) No project-related public address or music system shall be audible at any adjacent noise-sensitive receptor.

<u>WHEN:</u> These mitigations shall be incorporated into conditions of approval for the Special Development Permit (SDP) prior to its final approval by the City Council. The conditions will become valid when the SDP is approved and prior to building permit issuance.

<u>WHO:</u> The project property owner/developer shall be solely responsible for implementation and maintenance of these mitigation measures.

<u>HOW:</u> The conditions of approval will require these mitigation measures to be incorporated into the construction plans.

**20. Biological Resources (Less than Significant)** – An Arborist Report was prepared by Hirschbeck Tree Surgery, dated July 10, 2017. A total of two protected trees were included in the report. Both trees, in fair condition, are proposed for removal, as well as five other non-protected trees, due to conflict with the driveway, street dedication, and offsite improvement requirements. The two protected trees are located near the driveway on East Remington Drive and there are five non-protected trees near the driveway on Sunnyvale Saratoga Road. A protected tree is defined as having a trunk size of at least 38 inches in circumference, as measured 4.5 feet from the ground. Tree removal is reviewed through the Special Development Permit process and replacement trees are required to be planted as a condition of the approval. The City's Tree Replacement Policy require a minimum of eight 24-inch box trees be planted to mitigate the loss of the existing protected trees. The project includes a proposal to plant at least 34 trees on the site which will offset the loss of the existing trees in accordance with Sunnyvale Municipal Code Section 19.94 and the City's Tree Replacement Policy. The removal of the existing onsite trees is therefore a less than significant impact.

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**23. Historic and Cultural Resources (Less than Significant with Mitigation)** –The project construction will include grading and land disturbance. Neither the project site nor the existing buildings are on the City of Sunnyvale list of Heritage Resources. A records search by the California Historical Resources Information System/Northwest Information Center of Sonoma State University (CHRIS/NWIC) was conducted for the project area in August 2017. Review of the NWIC base maps that reference cultural resources records and reports, historic-period maps and literature for Santa Clara County indicates that there have been no cultural resource studies that cover the project site. The project area contains no recorded archaeological resources. The State Office of Historic Preservation Historic Property Directory (OHP HPD) (which includes listings of the California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and the National Register of Historic Places) lists no recorded buildings or structures within the proposed project area. In addition to these inventories, the NWIC base maps show no recorded buildings or structures within the proposed project area.

Based on an evaluation of the environmental setting and features associated with known sites and review of historical literature, there is a low potential of identifying Native American archaeological resources and a low potential of identifying historic-period archaeological resources in the project area. Because of these low possibilities, further study is not recommended at this time. The following mitigations are recommended to reduce any potential impacts to historic and cultural resources to a less than significant level should they be encountered during construction:

#### MITIGATIONS – HISTORIC AND CULTURAL RESOURCES

WHAT:

- (1) Contact the local Native American tribes regarding traditional, cultural and religious heritage values.
- (2) A qualified archaeologist shall conduct further archival and field study to identify cultural resources. Field study may include, but is not limited to, pedestrian survey, hand auger sampling, shovel test units, or geoarchaeological analyses as well as other common methods used to identify the presence of archaeological resources. Please refer to the list of consultants who meet the Secretary of Interior's Standards at http://www.chrisinfo.org.
- (3) If archaeological resources are encountered during construction, work shall be temporarily halted in the vicinity of the discovered materials and workers shall not alter the materials and their context until a qualified professional archaeologist has evaluated the situation and provided appropriate recommendations. Project personnel shall not collect cultural resources. Native American resources include chert or obsidian flakes, projectile points, mortars, and pestles; and dark friable soil containing shell and bone dietary debris, heat-affected rock, or human burials. Historic-period resources include stone or adobe foundations or walls; structures and remains with square nails; and refuse deposits or bottle dumps, often located in old wells or privies.
- (4) Any identified cultural resources shall be recorded on DPR 523 historic resource recordation forms.

<u>WHEN:</u> These mitigations shall be incorporated into conditions of approval for the Special Development Permit (SDP) prior to its final approval by the City Council. The conditions will become valid when the SDP is approved and prior to building permit issuance.

<u>WHO:</u> The project property owner/developer shall be solely responsible for implementation and maintenance of these mitigation measures.

<u>HOW:</u> The conditions of approval will require these mitigation measures to be incorporated into the construction plans.

**25.** Air Quality (Less than Significant with Mitigation) – The significance of potential impacts for air quality was determined based on BAAQMD CEQA Air Quality Guidelines. The project construction would generate short-term emissions of air pollutants due to activities such as grading, asphalt paving, building construction and architectural coating. The following mitigations are recommended to be in compliance with BAAQMD's 2010 Bay Area Clean Air Plan.

#### MITIGATION - DUST CONTROL MEASURES

<u>WHAT:</u> The construction contractor shall reduce construction-related air pollutant emissions by implementing BAAQMD's basic fugitive dust control measures, including:

- (1) All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.
- (2) All haul trucks transporting soil, sand, or other loose material off site shall be covered.

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- (3) All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
- (4) All vehicle speeds on unpaved roads shall be limited to 15 miles per hour.
- (5) All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
- (6) A publicly visible sign shall be posted with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action with 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

<u>WHEN:</u> These mitigations shall be incorporated into conditions of approval for the Special Development Permit (SDP) prior to its final approval by the City Council. The conditions will become valid when the SDP is approved and prior to building permit issuance.

<u>WHO:</u> The project property owner/developer shall be solely responsible for implementation and maintenance of these mitigation measures.

<u>HOW:</u> The conditions of approval will require these mitigation measures to be incorporated into the construction plans.

#### MITIGATION – BASIC EXHAUST EMISSIONS REDUCTION MEASURES

<u>WHAT:</u> The construction contractor shall implement the following measures during construction to reduce construction-related exhaust emissions:

- Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations). Clear signage shall be provided for construction workers at all access points.
- (2) All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.

<u>WHEN:</u> These mitigations shall be incorporated into conditions of approval for the Special Development Permit (SDP) prior to its final approval by the City Council. The conditions will become valid when the SDP is approved and prior to building permit issuance.

<u>WHO:</u> The project property owner/developer shall be solely responsible for implementation and maintenance of these mitigation measures.

<u>HOW:</u> The conditions of approval will require these mitigation measures to be incorporated into the construction plans.

**26 & 27. Air Quality – Greenhouse Gases (Less than Significant)** – The proposed project's estimated construction and operational GHG emissions are expected to be below the BAAQMD threshold of 4.6 metric tons per service population. A "Climate Action Plan CEQA Checklist" was completed for the project, which provides further analysis related to project greenhouse gas emissions. The Checklist demonstrates conformance with the City's adopted Climate Action Plan; therefore, the project is not expected to have an impact on greenhouse gas emissions.

Responsible Division: Planning Division

Completed by: Momoko Ishijima Date: 11/6/17

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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?					Land Use and Transportation Chapter 3 of the Sunnyvale General Plan www.sunnyvaleplanning.com Santa Clara Valley Transportation Authority Congestion Management Program http://www.vta.org/cmp/ Transportation Impact Analysis by Fehr and Peers, dated November 2017
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?					Santa Clara Valley Transportation Authority Congestion Management Program <u>http://www.vta.org/cmp/</u> Transportation Impact Analysis by Fehr and Peers, dated November 2017
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?					Land Use and Transportation Chapter 3 of the Sunnyvale General Plan www.sunnyvaleplanning.com Project Description, Transportation Impact Analysis by Fehr and Peers, dated November 2017
38. Substantially increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)?					Land Use and Transportation Chapter 3 of the Sunnyvale General Plan www.sunnyvaleplanning.com Project Description, Transportation Impact Analysis by Fehr and Peers, dated November 2017
39. Conflict with adopted policies, plans, or programs regarding public transit or nonmotorized transportation?					Land Use and Transportation Chapter 3 of the Sunnyvale General Plan www.sunnyvaleplanning.com Santa Clara Valley Transportation Authority Congestion Management Program http://www.vta.org/cmp/ Transportation Impact Analysis by Fehr and Peers, dated November 2017

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Transportation	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
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)?					Land Use and Transportation Chapter 3 of the Sunnyvale General Plan www.sunnyvaleplanning.com Santa Clara Valley Transportation Authority Congestion Management Program http://www.vta.org/cmp/ Transportation Impact Analysis by Fehr and Peers, dated November 2017
41. Reduce, sever, or eliminate pedestrian or bicycle circulation or access, or preclude future planned and approved bicycle or pedestrian circulation?					Land Use and Transportation Chapter 3 of the Sunnyvale General Plan www.sunnyvaleplanning.com Santa Clara Valley Transportation Authority Congestion Management Program http://www.vta.org/cmp/ Transportation Impact Analysis by Fehr and Peers, dated November 2017
42. Cause a degradation of the performance or availability of all transit including buses, light or heavy rail for people or goods movement?					Land Use and Transportation Chapter 3 of the Sunnyvale General Plan www.sunnyvaleplanning.com Santa Clara Valley Transportation Authority Congestion Management Program http://www.vta.org/cmp/ Transportation Impact Analysis by Fehr and Peers, dated November 2017

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

**Transportation and Traffic (Less than Significant)** – A Traffic Impact Report was prepared for the project by Fehr & Peers, dated November, 2017. The project trip generation rate was analyzed by using the Institute of Transportation Engineers (ITE) Trip Generation Manual, 9<sup>th</sup> Edition (2012). The ITE provides three variables for analyzing child care centers: number of employees, building square footage, and the number of children. Although all three variables resulted in similar results, the trip generation analysis was based on number of employees, which yielded the higher estimate, to present a more conservative analysis. A pass-by trip reduction of 14% was applied to account for child care patrons who would be stopping by on their route from home to work. The project generates 1,127 daily trips, 205 AM peak hour trips (108 entering and 97 exiting), and 200 PM peak hour trips (94 entering and 106 exiting). The TIA analyzed 11 study intersections in the vicinity of the project based on City of Sunnyvale and VTA Congestion Management Program

guidelines to determine significant impacts. The project is expected to have less than significant impacts at all 11 intersections under Existing, Background, and Cumulative conditions and no vehicular intersection mitigation measures are proposed as part of the Project.

Although there are no significant impacts related to traffic, the project incorporates the following improvements at the Sunnyvale Saratoga Road and East Remington Drive intersection:

- Westbound approach on East Remington Drive to provide a dedicated right-turn lane (for a total of two left-turn lanes, one through lane, and one right-turn lane).
- Dedication of a 12-foot wide right-of-way along East Remington Drive and an additional 3-foot wide right-of-way along Sunnyvale-Saratoga Road for the installation of 10-foot wide sidewalks with 4'x5' tree wells with grates along East Remington Drive and Sunnyvale Saratoga Road.

Install a new VTA bus stop for Route 55 in front of the project site on Sunnyvale Saratoga Road

The following recommendations for intersection left-turn pocket queuing improvements were identified in the TIA:

- Sunnyvale Saratoga Road and Remington Drive West Bound
- Sunnyvale Saratoga Road and Fremont Avenue South Bound
- Wolfe Road and Fremont Avenue North Bound

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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?				$\boxtimes$	FEMA Flood Insurance Rate Map Effective 5/18/09 <u>www.sunnyvaleplanning.com</u> , 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?				$\square$	FEMA Flood Insurance Rate Map Effective 5/18/09 <u>www.sunnyvaleplanning.com</u> , 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?				$\square$	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?				$\square$	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?					Safety and Noise Chapter of the Sunnyvale General Plan, <u>www.sunnyvaleplanning.com</u> California Plumbing, Mechanical, and Electrical Codes and 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?					California Plumbing, Mechanical, and Electrical Codes and Title 16 (Building) of the Sunnyvale Municipal Code

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

**43-45. Hydrology and Water Quality (No Impact)** – The California Building Code contains a series of building code requirements to address safety issues regarding seismic shaking, flooding, and soil types. In addition, Title 16.62 of the 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.

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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?					Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com
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?					Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com
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?					Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com
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?					Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com
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?					Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com
54. Utilities and Service Systems: Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?					Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com
55. Hydrology and Water Quality - Violate any water quality standards or waste discharge requirements?					Regional Water Quality Control Board (RWQCB) Region 2 Municipal Regional Permit http://www.waterboards.ca.gov/

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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)?					RWQCB, Region 2 Municipal Regional Permit http://www.waterboards.ca.gov/ City of Sunnyvale Stormwater Quality Best Management Practices (BMP) Guidance Manual for New and Redevelopment Projects www.sunnyvaleplanning.com
57. 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)?					RWQCB, Region 2 Municipal Regional Permit http://www.waterboards.ca.gov/ City of Sunnyvale Stormwater Quality Best Management Practices (BMP) Guidance Manual for New and Redevelopment Projects www.sunnyvaleplanning.com
58. Hydrology and Water Quality - Otherwise substantially degrade water quality?				$\square$	Santa Clara Valley Water District Groundwater Protection Ordinance www.valleywater.org
59. 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?					RWQCB, Region 2 Municipal Regional Permit <u>http://www.waterboards.ca.gov/</u> City of Sunnyvale Stormwater Quality Best Management Practices (BMP) Guidance Manual for New and Redevelopment Projects <u>www.sunnyvaleplanning.com</u>
60. 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?					RWQCB, Region 2 Municipal Regional Permit <u>http://www.waterboards.ca.gov/</u> City of Sunnyvale Stormwater Quality Best Management Practices (BMP) Guidance Manual for New and Redevelopment Projects <u>www.sunnyvaleplanning.com</u>
61. Utilities and Service Systems: Comply with federal, state, and local statues and regulations related to solid waste?				$\square$	Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com

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Engineering	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
62. 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?					Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com

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

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Public Safety	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
63. 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?					Safety and Noise Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
64. Public Services Police and Fire protection - Would the project result in inadequate emergency access?				$\square$	California Building Code SMC Section 16.52 Fire Code

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

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	Public Safety – Hazardous Materials		Less than Sig. With Mitigation	Less Than Significant No Impact		Source Other Than Project Description and Plans
65.	Hazards and Hazardous Materials - Create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?				$\boxtimes$	Safety and Noise Chapter 6 of the Sunnyvale General Plan, www.sunnyvaleplanning.com
66.	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?					Safety and Noise Chapter 6 of the Sunnyvale General Plan, <u>www.sunnyvaleplanning.com</u> Title 20 of the City of Sunnyvale Municipal Code Phase I Environmental Site Assessment by Applied Water Resources, dated June 29, 2017
67.	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?				$\boxtimes$	Sunnyvale Zoning Map www.sunnyvaleplanning.com
68.	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?				$\boxtimes$	State of California Hazardous Waste and Substances Site List (Cortese List), Department of Toxic Substance Control Phase I Environmental Site Assessment by Applied Water Resources, dated June 29, 2017
69.	Hazards and Hazardous Materials - Impair implementation of, or physically interfere with an adopted emergency response plan or emergency evacuation plan?				$\square$	Safety and Noise Chapter 6 of the Sunnyvale General Plan www.sunnyvaleplanning.com

## Further Discussion if "Less Than Significant" with or without mitigation:

**66.** Hazards and Hazardous Materials (Less than Significant) – A Phase I Environmental Site Assessment was prepared by Applied Water Resources in June 2017. The project site historical use information states that the project site was mostly agricultural use before the surrounding areas were developed into residential and commercial uses. The site was developed for a restaurant in 1975. The assessment has revealed no evidence of Recognized Environmental Conditions in connection with the subject property. The adjacent gasoline station to the south across Remington Drive had a underground gas tank leak in 1989. The case was closed in November 2000. Based on the closed status and the depth of groundwater (60 to 100 feet below the ground surface), this release is de minimus to the subject site. Therefore, any potential impact would be less than significant.

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Community Services	Potentially Significant Impact Less than Sig. With Mitigation		Less Than Significant	No Impact	Source Other Than Project Description and Plans
70. 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?					Land Use and Transportation Chapter of the Sunnyvale General Plan, Community Character Chapter of the Sunnyvale General Plan <u>www.sunnyvaleplanning.com</u> SMC Chapter 18.10
71. 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?				$\square$	Land Use and Transportation Chapter of the Sunnyvale General Plan, Community Character Chapter of the Sunnyvale General Plan <u>www.sunnyvaleplanning.com</u> SMC Chapter 18.10
72. 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?				$\boxtimes$	Land Use and Transportation Chapter of the Sunnyvale General Plan, Community Character Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
Tribal Cultural Resources					
73. Tribal Cultural Resources - Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:					Sunnyvale Historical Resources List California Register of Historical Resources California Historical Resources Information System/Northwest Information Center of Sonoma State University (CHRIS/NWIC) Records Search Letter, dated August 1, 2017
73.1. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or					
73.2.				$\square$	Sunnyvale Historical Resources List
A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources					California Register of Historical Resources National Register of Historical Places

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Community Services	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.					California Historical Resources Information System/Northwest Information Center of Sonoma State University (CHRIS/NWIC) Records Search Letter, dated August 1, 2017

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

# **ENVIRONMENTAL SOURCES**

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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 Climate Action Plan 2014

## 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
- 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 <u>http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/TE</u> <u>Animals.pdf</u>
- The Leaking Underground Petroleum Storage Tank List <u>www.geotracker.waterboards.ca.gov</u>

# ENVIRONMENTAL SOURCES

 The Federal EPA Superfund List <u>www.epa.gov/region9/cleanup/california.html</u>

 The Hazardous Waste and Substance Site List <u>www.dtsc.ca.gov/SiteCleanup/Cortese\_List.cfm</u>

#### **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

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- 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 2013
- Bay Area Clean Air Plan
- BAAQMD CEQA Guidelines 1999 Thresholds

## **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
- Project Development Plans and Preliminary Storm Water Management Plan dated August 3, 2017
- Project Noise Analysis by Charles M. Salter Associates, Inc. dated July 21, 2017
- Project Arborist Report by Hirschebek Tree Surgery, dated July 10, 2017
- California Historical Resources Information System/Northwest Information Center of Sonoma State University (CHRIS/NWIC) Records Search Letter, dated August 1, 2017
- Transportation Impact Analysis by Fehr & Peers, dated October 2017
- Phase I Environmental Site Assessment by Applied Water Resources, dated June 29, 2017

## Summary

This checklist identifies the minimum criteria a project must demonstrate to use the City's CAP for purposes of streamlining the analysis of greenhouse gas emissions under CEQA. Minimum criteria outlined below includes: 1) consistency with CAP forecasts, and 2) incorporation of applicable Near-Term (prior to 2016) strategies and measures from the CAP as binding and enforceable components of the project.

# Section 1: Consistency with CAP Forecasts

The CAP's achievement of the 15% reduction below 2008 target is based on growth assumptions in the City's General Plan and regional growth forecasts. For eligibility to streamline from the CAP for purposes of an environmental analysis, projects must demonstrate consistency with CAP forecast assumptions using the criteria listed below. As appropriate, these criteria should be cited as evidence in any subsequent environmental document.

# 1A. Does the project include large stationary emissions sources that would be regulated by the Air District?

🗌 Yes 🛛 🖾 No

If **no**, then the project may be eligible to claim consistency with growth assumptions that were used for CAP modeling. Skip to question **1C** to determine consistency with CAP forecasts.

**If yes**, the project may trigger additional changes to the physical environment that were not considered in the CAP and would otherwise by regulated by the Bay Area Air Quality Management District. Complete **1B**.

# 1B. If this project is a stationary source emitter as outlined under 1A, does it also include any of the following emissions sources?

Residential uses	Yes	□ No
Commercial uses	Yes	🗌 No

If **no**, the project does not include any emissions sources that were assumed in CAP growth forecasts. Therefore, the project may trigger additional changes to the physical environment that were not considered in the CAP. CAP measures may be used to mitigate GHG emissions, but project-level analysis of GHG emissions using the California Emissions Estimator Model (CALEEMod) or another method must be prepared by a qualified air quality consultant.

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If **yes**, the project may include emissions sources mitigated by the CAP. Therefore, any sources identified in 1B may be eligible to claim consistency with the CAP. All stationary sources regulated by the Bay Area Air Quality Management District shall be analyzed separately. Other sources that were analyzed in the CAP may still qualify for streamlining, should the project demonstrate consistency with the CAP as outlined in **1C** and following sections below.

# 1C. Does the project trigger an amendment to or adoption of any of the following planning documents?

General Plan	🗌 Yes	🔀 No
Specific Plan	🗌 Yes	🖾 No
Precise Plan for El Camino Real	🗌 Yes	🖂 No

Please describe any amendments or adoption of new specific plans or special planning areas, as applicable:

If **no**, then <u>the project is eligible to claim consistency with growth assumptions that were used</u> <u>for CAP forecasts.</u>

If **yes**, the project would trigger an amendment to or adoption of one or more of the documents list above, complete **1D** below.

1D. If the project triggers an amendment to the General Plan, specific plans, and/or special planning areas, complete the following table:

	Existing & Proposed Project			Proposed on City		
	Existing or Allowed Under Existing Zoning (A)	Proposed Project (B)	Net Change from Existing Zoning (C=B-A)	2020 CAP Forecast (D)	Proposed Project's Net Effect on Citywide 2020 Forecast (E = D+C)	Would Net Effect of Project Exceed the Citywide 2020 CAP Forecast?
Population				145,020		
Jobs				89,750		
Households / Dwelling Units				59,660		

Please describe any assumptions used to calculate existing, allowed, or proposed conditions:

If **no for all indicators above**, then the project may be eligible to claim consistency with CAP growth assumptions. The project's assumed residents, employees, and households would not create a net increase on community-wide growth assumed in the CAP. The CAP uses these community-wide growth indicators to forecast community-wide emissions from residential energy use, nonresidential energy use, water-related emissions, and waste. Because the CAP uses these comparable indicators to forecast non-transportation related emissions, and the project would not exceed the CAP's assumed 2020 residents, employees, and dwelling units, the project's non-transportation emissions are therefore consistent with CAP growth assumptions and captured within the CAP's emissions forecast. Complete **1E** below.

If **yes to one or more indicators above**, the proposed project's net effect on citywide 2020 forecasts would exceed the 2020 CAP forecast assumptions. Therefore, the project may trigger additional emissions not assumed in CAP growth forecasts.

Any projects that exceed the 2020 forecasts may still rely on the CAP for identification of measures and standards for mitigation. However, since such projects exceed the assumptions of the CAP forecast, it is recommended that the project demonstrate anticipated project-level GHG emissions estimates using CALEEMod or another tool. (estimates prepared by consultant).

# 1E. If the project is consistent with CAP growth forecasts as identified in 1D above, provide the following information.

Would the project have a potentially significant impact after mitigation on any of the following standards of significance identified in the State CEQA Guidelines, Appendix G?

a) Conflict with an applicable plan, program, or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	🗌 Yes	🖂 No
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	🗌 Yes	🔀 No
c) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	Yes	🛛 No

If **yes to one or more standards above**, the proposed project's net effect on citywide 2020 forecasts is inconsistent with plans, programs, or policies that informed the assumptions for the 2020 transportation forecast. Therefore, the project is inconsistent with transportation emissions forecasts and <u>is not eligible to claim consistency</u> with the CAP for purposes of GHG emissions and impacts on climate change.

If **no for all standards above**, then the project is consistent with the plans, programs, policies, or ordinances that informed the travel demand model for the 2020 transportation forecast of the CAP. Therefore, the project is consistent with CAP growth assumptions for transportation emissions in the CAP and is eligible to claim consistency with CAP transportation forecasts.

# Section 2: Consistency with CAP Measures

The CAP provides measures that achieve a 15% reduction below 2008 emissions levels by 2020. Each of the measures contains a bulleted list of action items/project standards that help projects achieve that goal. Projects that wish to demonstrate consistency with the CAP must demonstrate consistency with all applicable measures and action items/project standards from the CAP. Consistency with all applicable measures should be cited as evidence to support tiering from the CAP.

# 2A. Using the action items/project standards identified on the following pages, identify all measures and action items/project standards that are applicable to the project. Identify applicability and project compliance with each action item/project standard.

If a project demonstrates all applicable mandatory standards, <u>the project is eligible to claim</u> <u>consistency with CAP measures and is eligible for CAP streamlining.</u>

If a project does not integrate all applicable mandatory standards, the project is ineligible to claim consistency with CAP measures and is not eligible for CAP streamlining.

Additional voluntary measures may also be recommended. Projects inconsistent with growth forecasts should consider integrating all feasible voluntary and mandatory CAP measures.

# Standards for Climate Action Plan Consistency/Private Development

Applicable? (Yes or No)	Measure	Action Item/Project Standard	Describe whether standards are applicable and how the project demonstrates consistency with applicable standards
Yes	OS-2	Provide availability and access to outdoor space for recreation or social purposes, including access to public open spaces on privately owned property such as retail shopping centers	The project is a child care center for 240 children. A 9,500-square foot outdoor play area is proposed for use by the children.
Yes	OS-3.1	Continue to implement the City's Tree Preservation requirements.	Replacement trees will be provided for the removal of protected trees.
Yes	EC-2.2	Continue to require energy- efficient siting of buildings. Buildings should be oriented and landscape material should be selected to provide maximum energy efficiency for the buildings	The project would be subject to City requirements including Green Building Code requirements. Project is required to achieve minimum LEED Silver standards.

# (Includes Near-Term Action Items and Action Items Already Implemented by the City)

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Yes	WC-2.3	Require new open space and street trees to be drought- tolerant	The project is subject to City requirements including water efficient landscape design.
No	LW-2.1	Require multi-family homes to participate in the City's Multi- family Recycling Program	Not a residential project.
Yes	LW-2.2	Select materials to be targeted for diversion methods, services or technologies based on the results of the Zero Waste Strategic Plan	The project is subject to City requirements including the Zero Waste Strategic Plan.
Yes	CA-1.7	Actively promote the use of alternative modes of transportation as safe modes of travel. When applicable, promote viable programs sponsored by 511.org, the BAAQMD and other recognized agencies on the City's website and publications	The project is not a large generator of peak hour trips. The project is adjacent to VTA bus services on both Sunnyvale Saratoga Road and East Remington Drive and within 1.5 miles of the Sunnyvale Caltrain Station.
Yes	CTO-1.1	Incorporate the provisions of AB 1358, the California Complete Streets Act of 2008, into roadway design, construction and maintenance activities	The project includes improvements at the Sunnyvale Saratoga Road and East Remington Drive intersection with the creation of a right turn pocket on East Remington Drive, wider sidewalks with street trees, and new traffic signals.
Yes	CTO-1.2	Implement the street space allocation policy (RTC 8-085, April 28, 2009) in coordination with road reconstruction or resurfacing projects to provide road configurations that accommodate all travel modes.	The project includes the improvement of a VTA bus stop along Sunnyvale Saratoga Road, the creation of a right turn pocket on East Remington Drive, wider sidewalks with street trees, and new traffic signals.
Yes	CTO-1.3	Require new development to provide cross-parcel access and linkages from the development entrance to the public sidewalk system, transit stops, nearby employment and shopping centers, schools, parks and other parcels for ease of pedestrian and cyclist access	The project provides linkages from the development entrance to the public sidewalk and bicycle lanes. The project is located adjacent to VTA bus services and within 1.5 miles of the Sunnyvale Caltrain Station.
Yes	CTO-1.4	Improve pedestrian safety and comfort through design elements such as landscaped medians, pedestrian-level amenities, sidewalk improvements and compliance with ADA design standards, particularly for areas serving high volumes of traffic.	The project provides sidewalk improvements and ADA requirements would be met through Building Code requirements. The project includes the improvement of a VTA bus stop along Sunnyvale Saratoga Road, the creation of a right turn pocket on East Remington Drive, wider sidewalks with street trees, and new traffic signals to improve the safety of crosswalks and pedestrian conflicts.

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Yes	CTO-1.5	Improve bicycle facilities and perceptions of comfort through pavement marking/coloring, physical separation, specialized signs and markings and other design elements.	Both Sunnyvale Saratoga Road and East Remington Drive have existing bicycle lanes and the project would provide bicycle parking for both employees and customers.
Yes	CTO-1.6	Require sidewalks to be a minimum of 6 feet wide in order to allow side-by-side walking at identified locations that currently serve high pedestrian traffic volumes or locations planned to serve high volumes of pedestrian traffic.	The project would be subject to City requirements – 10-foot wide sidewalks with 4-foot by 5-foot tree wells along on Sunnyvale Saratoga Road and East Remington Drive.
Yes	CTO-2.1	Require public areas and new development to provide bicycle parking consistent with the VTA Bicycle Technical Guidelines, as amended.	The project would provide four bicycle parking spaces.
No	CTO-3.1	Continue sponsoring projects to provide transit rider amenities at bus stops and rail stations.	Not applicable.
No	CTO-4.1	Require existing and future major employers to utilize a variety of transportation demand management measures such as flexible work schedules, telecommuting, guaranteed rides home, low or no cost transit passes, parking "cash-out" incentives and other programs that provide employees with alternatives to single-occupant commutes.	Not applicable.
No	EP-2.3	Prevent buildings and additions from shading more than 10% of roofs of other structures.	The project is a one story structure and would not shade the surrounding two story residences.
No	EP-2.3	Continue to allow and encourage solar facilities above paved parking areas.	Not applicable.
Yes	OR-1.3	In project review, encourage the replacement of high- maintenance landscapes (like grass turf) with native vegetation to reduce the need for gas-powered lawn and garden equipment.	The project is subject to City requirements including water efficient landscape design.
Yes	OR-2.1	Idling times will be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California toxics control measure Title 13, Section 2485	The project would be subject to mitigation measures imposed by the City, which would likely include standard Bay Area Air Quality Management District (BAAQMD) recommended Best Management Practices for construction projects; these measures will also be

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		of California Code of Regulations [CCR]) or less. Clear signage will be provided at all access points to remind construction workers of idling restrictions.	included in the Conditions of Approval for the project.
Yes	OR-2.2	Construction equipment must be maintained per manufacturer's specifications	This requirement will be included in the Conditions of Approval for the project.
	OR-2.3	Planning and Building staff will work with project applicants to limit GHG emissions from construction equipment by selecting one of the following measures, at a minimum, as appropriate to the construction project:	This is a standard condition of approval that will be implemented during construction.
		a. Substitute electrified or hybrid equipment for diesel and gasoline powered equipment where practical	
		<ul> <li>b. Use alternatively fueled construction equipment on-site, where feasible, such as compressed natural gas (CNG), liquefied natural gas (LNG), propane or biodiesel.</li> </ul>	
		c. Avoid the use of on-site generators by connecting to grid electricity or utilizing solar-powered equipment.	
		d. Limit heavy-duty equipment idling time to a period of three minutes or less, exceeding CARB regulation minimum requirements of five minutes.	