Project Title	Special Development Permit for Tulip Kids, Inc.
Lead Agency Name and Address	City of Sunnyvale P.O. Box 3707, Sunnyvale, CA 94088-3707
Contact Person	Cindy Hom, Assistant Planner
Phone Number	(408) 730-7411
Project Location	1271 Lawrence Station Rd. (APN: 110-15-044,110-15-045,110-15-072)
Applicant's Name	Tulip Kids, Inc. / Essex Portfolio LP
Zoning	R5 (High Density Residential/Office) with Mixed Use Combining District
General Plan	Residential Very High Density
Other Public Agencies whose approval is required	None

### **BRIEF PROJECT DESCRIPTION**

Related applications on a 6.62-acre site:

**Special Development Permit** to allow a child care center for up to 84 students to occupy a vacant 4,894 square foot ground floor retail space in a mixed-use residential/commercial building and convert an existing concrete plaza area into a 3,208 square foot outdoor play area with a decorative fence.

### **DETAILED PROJECT DESCRIPTION**

<u>Surrounding Uses and Setting:</u> The project site is located on a 6.62-acre parcel bounded by State Route 237 to the north, Lawrence Station Road to the east, Elko Drive to the south, and Lawrence Expressway to the west. The site is currently developed with a six-story mixed use building that consists of 336 condominium units and 11,671 square feet of commercial space and various site improvements including landscaping, site lighting and outdoor recreation areas.

The Sunnyvale General Plan designates the site as Residential Very High Density (RVH) and is zoned as High Density Residential/Office with the Mixed Use Combining District (R5 – MXD). Surrounding land uses includes industrial buildings and uses to the east; hotel and various commercial establishments to the west; gas service station to the south; and State Route 237 to the north. Residential mobile home parks are located further west and south of the project site. Sunnyvale Baylands County Park is also in the general vicinity and is located further north and northeast of the project site.

The existing mixed use building is configured with 11,671 square feet commercial space located on the first floor of the mixed use building at the south end of the site, near Elko Drive. The 336 residential units are provided in a wrap style building that surrounds two parking structures and four primary courtyard areas. The two parking structures provide residential and guest parking spaces. Open space areas include a tot lot, mini dog park, and passive open spaces areas are provided on the west side of the building.

On-site Development: The project entails the operations of a 4,894 square foot preschool facility within the ground floor commercial space of a mixed use building. The project proposes interior modifications to allow for the construction of classrooms and ancillary space as well as minor site modifications to convert an existing concrete plaza area to a 3,208 square foot outdoor play area and installation of new decorative fence. The proposed preschool facility would serve 84 children between 2-5 years in age and operate Monday through Friday between the hours of 8:00AM to 6:00PM.

#### **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, 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

Attachment 6
Initial Study
Project Name: Special Development Permit for Tulip Kids, Inc.
File #2015-8138
Page 3 of 24

outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.

Attachment 6
Initial Study
Project Name: Special Development Permit for Tulip Kids, Inc.
File #2015-8138
Page 4 of 24

### **ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:**

The environmental factors checked one impact that is a "Potentially Signal or a street or								
☐ Aesthetics		Hazards & Hazardous		Public Services				
☐ Agricultural Resources		Materials 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 t substantially reduce the habitat of a				☐ Yes				
population to drop below self-sustair animal community, reduce the numb plant or animal, or eliminate importar history or prehistory?	ning lev er or re	els, threaten to eliminate a planestrict the range of a rare or end	it or langere	⊠ No ed				
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? which will cause substantial adverse				☐ Yes				
indirectly?	enecis	on numan beings, enner direct	ily Ol	⊠ No				

Attachment 6 Initial Study Project Name: Special Development Permit for Tulip Kids, Inc. File #2015-8138 Page 5 of 24

Signature:		
Title: Assistant Planner	City of Sunnyvale	
Checklist Prepared By: Cindy Hom	Date: 05/05/2016	
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 sor mitigation	
I find that the proposed project MAY have a "potential significant impact" or "punless 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 analyticate that remain to be addressed.	een adequately 2) has been on attached	
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 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	$\boxtimes$
I find that the proposed project COULD NOT have a significant effect on the e NEGATIVE DECLARATION will be prepared.	nvironment, and a	
On the basis of this initial evaluation:		

Plar	nning	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?					Sunnyvale General Plan Map, Land Use and Transportation Chapter 3, and Community Character Chapter 4 of the Sunnyvale General Plan www.sunnyvaleplanning.com
2.	Aesthetics -Substantially degrade the existing visual character or quality of the site and its surroundings including significant adverse visual changes to neighborhood character					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?					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?					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?					Housing Chapter 5 of the Sunnyvale General Plan and General Plan Map www.sunnyvaleplanning.com
7.	Land Use Planning - Physically divide an established community?					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 <a href="http://qcode.us/codes/sunnyvale/view.php?topic=19&amp;frames=off">http://qcode.us/codes/sunnyvale/view.php?topic=19&amp;frames=off</a>
9.	Transportation and Traffic - Result in inadequate parking capacity?					Parking Requirements (Section 19.46) in the Sunnyvale Municipal Code <a href="http://qcode.us/codes/sunnyvale/view.">http://qcode.us/codes/sunnyvale/view.</a> Phystopic 19.4-19, 46% frames off

Planning	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
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?					Moffett Field AICUZ , 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?					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?					Moffett Field AICUZ
13. Agricultural Resources - Conflict with existing zoning for agricultural use, or a Williamson Act contract?					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 www.sunnyvaleplanning.com 19.42 Noise Ordinance http://qcode.us/codes/sunnyvale/vie w.php?topic=19&frames=off Noise Assessment prepared by Illingworth & Rodkin, Inc. dated 4/5/2016
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 Description Project Construction Schedule
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 Noise Assessment prepared by Illingworth & Rodkin, Inc. dated 4/5/2016
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?					Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com

Planning	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
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 www.sunnyvaleplanning.com Project Description
20. Biological Resources -Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?					SMC 19.90 Tree Preservation Ordinance Sunnyvale Inventory of Heritage Trees
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
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					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.

Planning	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
performance objectives?					
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?					BAAQMD CEQA Guidelines 1999 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?					BAAQMD CEQA Guidelines 1999 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 1999 Thresholds Sunnyvale Climate Action Plan 2014 AB 32
28. Air Quality -Violate any air quality standard or contribute substantially to an existing or projected air quality violation.					BAAQMD CEQA Guidelines 1999 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 1999 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?			$\boxtimes$		BAAQMD CEQA Guidelines 1999 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 Geologist for the area or based on other substantial evidence of a known fault?					Safety and Noise Chapter 6 of the Sunnyvale General Plan www.sunnyvaleplanning.com
32. Seismic Safety - Inundation by seiche, tsunami, or mudflow?					Safety and Noise Chapter 6 of the Sunnyvale General Plan www.sunnyvaleplanning.com

Planning	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
33. Seismic Safety-Strong seismic ground shaking?					Safety and Noise Chapter 6 of the Sunnyvale General Plan www.sunnyvaleplanning.com
34. Seismic Safety-Seismic-related ground failure, including liquefaction?					Safety and Noise Chapter 6 of the Sunnyvale General Plan www.sunnyvaleplanning.com

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

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? (Less than Significant Impact)

A noise assessment for the project was prepared by Illingworth & Rodkin, Inc., dated April 5, 2016 to determine potential noise impacts. The study is available for review at the City of Sunnyvale's Community Development Department, Monday through Friday between 8 a.m. and 5 p.m.

<u>Environmental Setting:</u> The proposed preschool facility would be located with the ground floor unit of an existing mixed use building. The center would operate Monday through Friday between the hours of 8AM to 6PM with a capacity of 84 children and 11 staff members. Currently, there is a metal picket fence that encloses the proposed outdoor area. The enclosed outdoor area would be used for outdoor play for a period of 30-minutes in the morning and 30 mins in the afternoon with a maximum of 43 students attending each outdoor session. The existing parking lot area would be used for parent parking during drop off and pick up times.

Residential units are located directly above the proposed facility. These residents have patios fronting Lawrence Expressway and directly above the proposed outdoor plan area. The patios are exposed to midday exterior noise levels of about 72 dBA L<sub>eq.</sub> generated by traffic along Lawrence expressway.

With the development proposal the interior space would be finished with insulation, drywall, and flooring resulting in an interior to exterior noise level of 42 dBA  $L_{dn}$  with the window and doors closed. This would be compatible with the proposed use and within the normally acceptable level of 45 dBA  $L_{dn}$ .

The primary noise source associated with the preschool and child care operations is anticipated to be children playing in the outdoor play area. Low speed vehicle operations associated with parking during the drop off and pick up times are not anticipated to be noticeable above the existing ambient traffic levels at the site. The existing roof top mechanical systems would not change with the project and are expected to remain the same as existing conditions.

A significant noise impact would occur if the project operations would exceed the ambient hourly average noise levels ( $L_{eq}$ ) during the daytime hours or cause the day-night average noise level at the residence to increase by 3 dBA  $L_{dn}$  or more.

Analysis: A noise monitoring survey was conducted on Wednesday February 17, 2016 to document the ambient noise levels at the project site and at a nearby Tulip Kids Preschool facility. The noise survey at the

site included three simultaneous short-term (20-minute) noise measurements in three locations (one indoor, one at ground level, and one at the patio level). The existing daytime noise level in the outdoor play area measured to be 72 dBA L<sub>eq.</sub> This exterior noise level is considered conditionally acceptable for school uses. A noise monitoring survey was also conducted at a nearby Tulip Kids Preschool facility in Sunnyvale. The average and maximum noise levels measured at this site were in the range of 66 to 68 dBA and a maximum level of 75 dBA.

The ear height of a person utilizing a second story patio above the outdoor play area is approximately 17-feet above the ground. Most of the noise sources associated with 2-5 year olds is the noise generated from playing and pushing roller toys. The noise source would be at a height of 0 to 3-feet above ground and occasionally at 5-feet above ground when kids are playing at the top of the slide. Taking the distances and the propagation of the play area noise in consideration, the anticipated noise levels would be about 3 dBA high than the baseline reading at Tulip Kids facility on Willow Street resulting in an average noise level in the range of 69-71 dBA L<sub>eq.</sub> These noise levels would be different in character but similar in the level to the existing ambient noise level generated at patios by traffic along Lawrence Expressway. It is calculated to increase by less than 1 dBA which is not considered measurable under typical environmental conditions and would not be considered a substantial change.

Based on the 65 trips anticipated for the preschool use, the vehicle traffic would not cause a noticeable or substantial increase in noise levels. On a 24-hour average basis, the  $L_{dn}$  is calculated to increase by less than 1 dBA, which would not be considered a substantial amount. Given the existing volume of traffic and associated noise levels along Lawrence Expressway, the incremental increase in noise resulting from the noise of the project's vehicle traffic would also not be substantial and therefore considered less than a significant impact.

The applicant proposes to extend an existing 10-foot masonry wall which would provide a noise barrier and reduce the exterior noise exposure to 60 dBA<sub>eq.</sub> During the review of the project, staff was concerned with the massing of wall and reduced visibility of the commercial tenant spaces. Given that the extension of the wall would reduce the view of the retail uses from Lawrence Expressway and would be mitigating noise levels in area that would receive about one hour of use per weekday, the extension the 10-foot masonry wall may not be desirable. Staff suggested the use of a combination of a solid masonry base and transparent wall panels. As such, Staff is recommending a condition of approval to ensure consistency with the General Plan's noise standard and City's design guidelines. As conditioned, the applicant shall extend a 10-foot sound barrier along the playground enclosure to reduce the exterior noise levels in outdoor to acceptable levels. The sound barrier must be constructed with a solid material with no gaps in the face of the wall or at the base. Suitable materials for sound wall construction should have a minimum surface weight of 3 pounds per square foot (such as 1-inch thick wood, masonry block, concrete or metal and/or transparent wall material. Prior to building permit issuance, the applicant shall provide revised details, elevations, and noise analysis to demonstrate the wall is in compliance with the noise standard and utilizes high quality design.

# 14. Air Quality – Expose sensitive receptors to substantial pollutant concentrations (Less than Significant Impact)

A Toxic Air Contaminant Assessment for the project was prepared by Illingworth & Rodkin, Inc., dated March 10, 2016 to determine potential air quality impacts. The study is available for review at the City of Sunnyvale's Community Development Department, Monday through Friday between 8 a.m. and 5 p.m.

**Environmental Setting:** The project is located in northern Santa Clara County, which is in the San Francisco Bay Area Air Basin. Ambient air quality standards have been established at both the State and Federal level. The Bay Area meets all ambient air quality standards with the exception of ground-level ozone, respirable particulate matter ( $PM_{10}$ ) and fine particulate matter ( $PM_{2.5}$ ).

The BAAQMD is the regional agency tasked with managing air quality in the region. At the State level, the CARB (a parking the California Environmental Protection Agency) oversees regional air district activities and regulates air quality at the state level. The BAAQMD recently published California Environmental Quality Act (CEQA) Air Quality Guidelines that are used in this assessment to evaluate air quality impacts.

The project abuts State Route 237, Lawrence Expressway and Lawrence Station Road. The project is also located within 1,000-feet of two operational stationary sources of Toxic Air Contaminents (TACs). One is an emergency backup diesel generator and the second is a gas service station.

<u>Analysis:</u> A review of the project area (i.e. within 1,000 feet of the project site) indicated that traffic on Lawrence Expressway, State Route 237 and Lawrence Station Road are primary sources affecting the project. There are two station sources permitted by BAAQMD that also affects the project. Results of this assessment indicate no single source would pose a significant cancer risk, annual PM<sub>2.5</sub> concentration or non-cancer Hazardous Index that exceeds the significance thresholds. The combination of all TAC sources also would not exceed the significance thresholds as well. As such, air quality impacts associated with the project are expected to be less than significant with no additional mitigation required.

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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/
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 http://www.vta.org/cmp/
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
38. Substantially increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or					Land Use and Transportation Chapter 3 of the Sunnyvale General Plan

Transportation	Potentially Significant Impact	Less than Sig. With Mitigation	Less Than Significant	No Impact	Source Other Than Project Description and Plans
incompatible uses (e.g. farm equipment)?					www.sunnyvaleplanning.com
39. Conflict with adopted policies, plans, or programs regarding public transit or nonmotorized transportation?					Project Description  Land Use and Transportation Chapter 3 of the Sunnyvale General Plan www.sunnyvaleplanning.com  Santa Clara Valley Transportation Authority Congestion Management
				N 2	Program http://www.vta.org/cmp/
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/
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/
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/

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

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?					FEMA Flood Insurance Rate Map Effective 5/18/09 www.sunnyvaleplanning.com, 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?					FEMA Flood Insurance Rate Map Effective 5/18/09 www.sunnyvaleplanning.com, 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?				$\boxtimes$	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?					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, www.sunnyvaleplanning.com 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.

**General Discussion:** 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.

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/

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?					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 http://www.waterboards.ca.gov/ City of Sunnyvale Stormwater Quality Best Management Practices (BMP) Guidance Manual for New and Redevelopment Projects www.sunnyvaleplanning.com
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 http://www.waterboards.ca.gov/ City of Sunnyvale Stormwater Quality Best Management Practices (BMP) Guidance Manual for New and Redevelopment Projects www.sunnyvaleplanning.com
61. Utilities and Service Systems: Comply with federal, state, and local statues and regulations related to solid waste?					Environmental Management Chapter 7 of the Sunnyvale General Plan www.sunnyvaleplanning.com

Attachment 6
Initial Study
Project Name: Special Development Permit for Tulip Kids, Inc.
File #2015-8138
Page 17 of 24

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.

Attachment 6
Initial Study
Project Name: Special Development Permit for Tulip Kids, Inc.
File #2015-8138
Page 18 of 24

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 6 of the Sunnyvale General Plan www.sunnyvaleplanning.com
64. Public Services Police and Fire protection - Would the project result in inadequate emergency access?					California Building Code SMC Section 16.52 Fire Code

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

Public Safety – Hazardous Materials	Potentially Significant Impact	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?					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, www.sunnyvaleplanning.com Title 20 of the City of Sunnyvale Municipal Code
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?					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?					State of California Hazardous Waste and Substances Site List (Cortese List), Department of Toxic Substance Control
69. Hazards and Hazardous Materials - Impair implementation of, or physically interfere with an adopted emergency response plan or emergency evacuation plan?					Safety and Noise Chapter 6 of the Sunnyvale General Plan www.sunnyvaleplanning.com

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

65. Hazards and hazardous Materials – Create a significant hazard to the public or the environment through reasonable foreseeable upset or accident conditions involving the likely release of hazardous material into the environment (Less than Significant with Mitigation).

### **Environmental Setting:**

Hazardous materials are commonly used by large institutions, commercial, and industrial businesses. Hazardous materials include a broad range of common substances such as motor oil and fuel, pesticides, detergents, paint, and solvents. A substance may be considered hazardous if, due to its chemical and/or physical properties, it poses a substantial hazard when it is improperly treated, stored, transported, disposed of, or released into the atmosphere in the event of an accident.

An EIR was previous prepared and circulated for the planning entitlements for the development of the mixed use building. Based on the previous EIR, the City of Sunnyvale Fire Department identified six facilities of concern in the project area that use, handle, and/or store hazardous materials that may impact the project site in the event of a catastrophic release of those materials. The six facilities are *Advanced Chemical Transport* (ACT), *Nanoconduction, Westak, ARA Metal*,

Armstrong Technology, and United Parcel Service (UPS). Table 1 provides a summary of the six facilities and shows their location in respect to the project site. .

	TABLE 1 FACILITIES OF CONCERN IN PROJECT AREA						
Fac	ility Name	Location					
1.	Advanced Chemical Transport (ACT)	1210 Elko Drive – approximately 1,320 feet east of the site					
2.	Nanoconduction	1244 Reamwood Avenue – approximately 1,860 feet east of the site					
3.	Westak dba Qualitek	1272, 1274, 1276 Forgewood Avenue – approximately 1,320 feet east of the site					
4.	ARA Automated Finishing	1286 Anvilwood Avenue – approximately 660 feet east of the site					
5.	Armstrong Technologies	1121 Elko Drive – approximately 240 feet southeast of the site					
6.	UPS	1245 Hammerwood Avenue – approximately 1,440 feet east-southeast of the site					

Based on the results from the risk assessment modeling, a significant impact would occur at the project site in the event a gasoline tanker truck accidentally releases 5,000 gallons of gasoline during underground storage tank refilling at the UPS facility (refer to Table 2.0-20 and Figure 2.0-5). This release was assumed to be unconfined (i.e., not contained inside a structure) and spread into a 30,000 square foot evaporating pool.

While a worst-case release could have significant health and safety impacts on the project site, the likelihood of their occurrence is also affected by other circumstances. The EIR found that the probability of these worst-case releases is not a reasonable basis for a threshold of significance. Specifically, the report by the industrial hygienist found that due to: 1) the container design (i.e., underground storage tanks are designed with catchment basins to contain accidental spills); 2) the training required of fuel deliverers to follow the industry standard practices for tank filling; and 3) the likelihood of ideal conditions being present (i.e., favorable winds, failure for emergency response, etc.), the probability of this worst-case release scenario is highly unlikely. In addition, the most common spills during gasoline refilling occur at the fill pipe when the delivery hose is disconnected. These spills, if they occur, tend to be small (the typical delivery hose can hold approximately 14 gallons of fuel). For these reasons, impacts to the proposed project would be less than significant from an accidental chemical release at the six identified off-site sources.

Analysis: The proposed project would located sensitive receptors such as young children within proximity to industrial sites that routinely use and store hazardous materials. Various local, State and Federal regulation and ordinance require engineering controls to help prevent chemical releases, and in the event of a release, to help protect human health and the environment. However there is still a potential for an accidental release which could affect employees and students on the subject site. There are a number of residential uses located between the subject site and many of the surrounding hazardous material users. However a school or child care center such as the proposed use concentrates a large number of young children with relative small number of supervising adults, unlike a residential context where an unplanned evacuation could be quickly conducted by each family. As a result, detailed planning for accidental release of hazardous materials is needed to reduce the potential impact to less than significant level. The following mitigation is required:

#### Mitigation Measure #1 (Hazardous Materials Safety Plan)

**WHAT:** The applicant will be required to develop an Emergency Action Plan for the site addressing the risk presented to employees and students from surrounding industrial facilities. The plan shall include information on high-risk location within 1,000-feet of the project site and appropriate procedures to respond to accidental release of toxic or hazardous materials from these facilities. The plan shall be subject for City review and approval.

**WHEN:** This mitigation measure will be converted into a condition of approval for the Special Development Permit prior to its review by the City's Planning Commission. The condition will become valid when the Special Development Permit is approved. Compliance with the mitigation measure is required to be demonstrated to the City by the applicant prior to occupancy of the site.

**WHO:** The applicant shall draft and submit an Emergency Action Plan as required by Mitigation Measure #1 for review and approval by the Fire Prevention Department and Director of Community Development. The applicant is solely responsible for implementation of this mitigation measure as well as demonstrating compliance to the City prior to occupancy of the site.

**HOW:** The project conditions of approval will require this mitigation measures if the project is approved.

This mitigation measure, combined with the implementation and enforcement of Federal, State and local regulations regarding the use, storage, transport and disposal of hazardous materials is expected to reduce the potential hazardous materials impacts to a less than significant level.

Responsible Division:	Planning Division	Completed by:	Cindy Hom	Date:	5/5/2016
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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 www.sunnyvaleplanning.com
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?					Land Use and Transportation Chapter of the Sunnyvale General Plan, Community Character Chapter of the Sunnyvale General Plan www.sunnyvaleplanning.com
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?					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.

### 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
  - o 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
  - o 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 FIR
- 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 <a href="http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/TE">http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/TE</a> Animals.pdf
- 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 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

Initial Study
Project Name: Special Development Permit for Tulip Kids, Inc.
File #2015-8138

Page 24 of 24

### OTHER:

### **Project Specific Information**

- Project Description
- Sunnyvale Project Environmental Information Form
- Project Development Plans dated 8/22/14
- Project Noise Study by Charles M. Salter Associates, Inc., dated 3/03/14
- Project Construction Schedule
- Project Draft Storm Water Management Plan (in project plans)
- Project Tree Inventory by Barrie D. Coate and Associates, dated 1/21/14
- Project Tree Preservation Plan (in project plans)
- Project Green Building Checklist

## **Summary**

Attached is the Sunnyvale Climate Action Plan (CAP) Checklist to facilitate project-level streamlining from the Sunnyvale's adopted CAP. The intent of the checklist is to provide a consistent approach for streamlining the analysis of greenhouse gas emissions under the California Environmental Quality Act (CEQA). The Checklist allows City staff to determine: 1) project consistency with CAP forecasts, and 2) the project's incorporation of applicable strategies and measures from the CAP as binding and enforceable components of the project.

In summary, the checklist provides criteria to determine consistency with the CAP. Projects that are ineligible for CAP streamlining would be required to analyze project-level GHG emissions, consistent with the City's current practice by submitting a consultant–prepared GHG impact analysis. Minimum recommended content that should be included in environmental analysis is outlined.

The checklist includes the following sections:

- Consistency with CAP Forecasts: Identifies that non-stationary source projects
  consistent with the General Plan and Zoning Code are consistent with CAP forecasts.
  This section provides additional criteria for projects triggering a General Plan
  amendment or rezone. Large, stationary source emitters regulated by the Bay Area Air
  Quality Management District were not included in the CAP forecast and excluded from
  the streamlining process.
- **Mandatory CAP Standards:** Identifies the minimum mandatory standards applicable to residential and nonresidential development for streamlining. For now the Near-Term measures and action items from the Sunnyvale CAP have been included.
- Recommended Environmental Analysis Content: Brief list of recommended content
  for environmental analysis, when necessary, that allows a project means to reduce its
  GHG emissions while allowing an applicant to choose which items to use to obtain
  compliance with the GHG reduction goals of the CAP.

The draft Sunnyvale CEQA Initial Study Supplemental Checklist for Private Development is presented as Attachment 1.

### **Attachment 1: Climate Action Plan CEQA Checklist**

### **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.

IA. Does the project include large stationary emissions sources that would be regulated by the Air District?								
⊠ No								
If <b>no</b> , then the project may be eligible to claim consistency with growth assumptions that were used for CAP modeling. Skip to question <b>1C</b> to determine consistency with CAP forecasts.								
<b>If yes</b> , 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 <b>1B</b> .								
1B. If this project is a stationary source emitter as outlined under 1A, does it also include any of the following emissions sources?								
☐ Yes	□ No							
☐ Yes	□ No							
	to the physic egulated by th							

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. 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?

# **Attachment 1: Climate Action Plan CEQA Checklist**

General Plan		⊠ 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 the project is eligible to claim consistency with growth assumptions that were used for CAP forecasts.

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

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

### **Attachment 1: Climate Action Plan CEQA Checklist**

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.

### **Attachment 1: Climate Action Plan CEQA Checklist**

## **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, the project is eligible to claim consistency with CAP measures and is eligible for CAP streamlining.

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

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

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 entails the operations preschool proposal within a mixed use building. Proposed modification includes converting an existing outdoor patio into a 3,208 square foot play yard.
	OS-3.1	Continue to implement the City's Tree Preservation requirements.	The project preserves existing on-site trees. No trees are proposed for removal.
	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	This project is a tenant improvement in an existing building. No new development will occur.
	WC-2.3	Require new open space and street trees to be drought-tolerant	This project is a tenant improvement in an existing building. No new development will occur.

LW-2.1	Require multi-family homes to participate in the City's Multi-	This project is a tenant improvement in an existing building. No new
LW-2.2	family Recycling Program  Select materials to be targeted for diversion methods, services or technologies based on the results of the Zero Waste Strategic Plan	development will occur.  This project is a tenant improvement in an existing building. No new development will occur.
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	This project is a tenant improvement in an existing building. No new development will occur.
CTO-1.1	Incorporate the provisions of AB 1358, the California Complete Streets Act of 2008, into roadway design, construction and maintenance activities	This project is a tenant improvement in an existing building. No new development will occur.
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.	This project is a tenant improvement in an existing building. No new development will occur.
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	This project is a tenant improvement in an existing building. No new development will occur.
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.	This project is a tenant improvement in an existing building. No new development will occur.
CTO-1.5	Improve bicycle facilities and perceptions of comfort through pavement marking/coloring, physical separation, specialized signs and markings and other design elements.	This project is a tenant improvement in an existing building. No new development will occur.

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.  Require public areas and new	This project is a tenant improvement in an existing building. No new development will occur.  This project is a tenant improvement in
	development to provide bicycle parking consistent with the VTA Bicycle Technical Guidelines, as amended.	an existing building. No new development will occur.
CTO-3.1	Continue sponsoring projects to provide transit rider amenities at bus stops and rail stations.	This project is a tenant improvement in an existing building. No new development will occur.
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.	This project is a tenant improvement in an existing building. No new development will occur.
EP-2.3	Prevent buildings and additions from shading more than 10% of roofs of other structures.	This project is a tenant improvement in an existing building. No new development will occur.
EP-2.3	Continue to allow and encourage solar facilities above paved parking areas.	This project is a tenant improvement in an existing building. No new development will occur.
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.	This project is a tenant improvement in an existing building. No new development will occur.
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 of California Code of Regulations [CCR]) or less. Clear signage will be provided at all access points to remind construction workers of idling restrictions.	This is a standard condition of approval.

OR-2.2	Construction equipment must be maintained per manufacturer's specifications	This is a standard condition of approval.
OR-2.3	Planning and Building staff will work with project applicants 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.
	Substitute electrified or hybrid equipment for diesel and gasoline powered equipment where practical	This is a standard condition of approval.
	b. Use alternatively fueled construction equipment on-site, where feasible, such as compressed natural gas (CNG), liquefied natural gas (LNG), propane or biodiesel.	This is a standard condition of approval.
	c. Avoid the use of on-site generators by connecting to grid electricity or utilizing solar-powered equipment.	This is a standard condition of approval.
	d. Limit heavy-duty equipment idling time to a period of three minutes or less, exceeding CARB regulation minimum requirements of five minutes.	This is a standard condition of approval.