Potentially Significant Impact	Less than Significant with Mitigation	Less Than Significant Impact	No Impact
 	Incorporated	,	

Maximum Daily Operational Emissions (lbs/day)

Construction Phase	voc	NO <sub>X</sub>	СО	SO <sub>2</sub>	PM <sup>10</sup>	PM <sup>2.5</sup>
Area Sources	4.06	0.03	2.84	0.00	0.06	0.06
Energy Sources	0.03	0.27	0.12	0.00	0.02	0.02
Mobile Sources	1.15	3.74	12.74	0.04	2.54	0.71
Total Emissions	5.24	4.04	15.70	0.04	2.62	0.79
SCAQMD Threshold	55	55	550	150	150	55
Potential Impact?	No	No	No	No	No	No
Source: Urban Crossroad	S	•	•		•	•

- c) Cumulative short-term, construction-related emissions and long-term, operational emissions from the project will not contribute considerably to any potential cumulative air quality impact because short-term project and operational emissions will not exceed any SCAQMD daily threshold. As required of the proposed project, other concurrent construction projects and operations in the region will be required to implement standard air quality regulations and mitigation pursuant to state CEQA requirements, thus ensuring that air quality standards are not cumulatively exceeded. Impacts are therefore, considered less than significant.
- d) A sensitive receptor is a person in the population who is particularly susceptible to health effects due to exposure to an air contaminant than is the population at large. Sensitive receptors (and the facilities that house them) in proximity to localized CO sources, toxic air contaminants or odors are of particular concern. High levels of CO are associated with major traffic sources, such as freeways and major intersections, and toxic air contaminants are normally associated with manufacturing and commercial operations. Land uses considered to be sensitive receptors include long-term health care facilities, rehabilitation centers, convalescent centers, retirement homes, residences, schools, playgrounds, child care centers, and athletic facilities.

Surrounding land uses within 1 mile of the project include residential homes, which are considered sensitive receptors; however, the project is not expected to generate substantial point-source emissions. The nearest school (French Valley Elementary School) is located approximately ¼-mile to the east of the project along Benton Road. The project will not include major transportation facilities, manufacturing uses, or generate significant odors that would affect the school.

## Carbon Monoxide Hotspots

A carbon monoxide (CO) hotspot is an area of localized CO pollution that is caused by severe vehicle congestion on major roadways, typically near intersections. CO hotspots have the potential to violate state and federal CO standards at intersections, even if the broader Basin is in attainment for federal and state levels.

Existing CO concentrations in the immediate project vicinity are not available. Ambient CO levels monitored in the Riverside-Rubidoux Station showed a highest recorded 1-hour concentration of 2.7 ppm (State standard is 20 ppm) and a highest 8-hour concentration of 1.6 ppm (State standard is 9 ppm) during the past 3 years. The highest CO concentrations would normally occur during peak traffic hours; hence, CO impacts calculated under peak traffic conditions represent a worst-case analysis.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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Given the relatively low level of CO concentrations in the project area, project-related vehicles are not expected to result in the CO concentrations exceeding the State or federal CO standards. Since no CO hot spot would occur, there would be no project-related impacts on CO concentrations.

## Localized Significance Threshold Analysis

As part of the SCAQMD's environmental justice program, attention has been focused on localized effects of air quality. Staff at SCAQMD developed localized significance threshold (LST) methodology that can be used by public agencies to determine whether or not a project may generate significant adverse localized air quality impacts (both short- and long-term). LSTs represent the maximum emissions from a project that will not cause or contribute to an exceedance of the State AAQS, and are developed based on the ambient concentrations of that pollutant for each source receptor area (SRA). The proposed project is located within the Temecula Valley SRA.

The tables below titled On-Site Preparation Construction LST Emissions and On-Site Grading Construction LST Emissions identify the emissions during construction at the nearest residences are well below the SCAQMD thresholds of significance. These also include consideration of existing regulations as previously noted. According to SCAQMD LST methodology, LSTs would apply to the operational phase of a proposed project, if the project includes stationary sources, or attracts mobile sources that may spend long periods queuing and idling at the site (e.g., transfer facilities and warehouse buildings). The proposed project does not include such uses, and thus, due to the lack of significant stationary source emissions, no long-term localized significance threshold analysis is needed. Therefore, based on the analysis for CO and LST, impacts to sensitive receptors are considered less than significant.

On-Site Preparation Construction LST Emissions (lbs/day)

Emissions	NO <sub>X</sub>	СО	PM <sup>10</sup>	PM <sup>2.5</sup>
On-Site Emissions	27.16	30.44	8.90	4.99
LST Threshold	303	1,533	10	6
Potential Impact?	No	No	No	No
Source: Urban Crossroa	ads			

On-Site Grading Construction LST Emissions (lbs/day)

Emissions NO <sub>X</sub> CO PM <sup>10</sup> PM <sup>2.5</sup>						
NO <sub>X</sub>	co	PM <sup>30</sup>	PM <sup>2.5</sup>			
33.63	41.46	5.15	2.81			
325	1,677	11	7			
No	No	No	No			
	325	33.63 41.46 325 1,677	33.63 41.46 5.15 325 1,677 11			

e) A sensitive receptor is a person in the population who is particularly susceptible to health effects due to exposure to an air contaminant than is the population at large. Sensitive receptors (and the facilities that house them) in proximity to localized CO sources, toxic air contaminants or odors are of particular concern. High levels of CO are associated with major traffic sources, such as freeways and major intersections, and toxic air contaminants are normally associated with manufacturing and commercial operations. Land uses considered to be sensitive receptors include but are not limited to long-term health care facilities, rehabilitation centers, convalescent centers, retirement homes, residences, schools, playgrounds, child care centers, and athletic facilities. The proposed

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
development would be located within one mile of Winch considered a line-source emitter and not a point source en result in the construction of a sensitive receptor near a point s	nitter. The	erefore, the p		
f) The project proposes a residential development whice objectionable odors affecting a substantial number of people. of a detention basin; however, the basin shall be landscobjectionable odors. Therefore, the impact is considered less	The proje	ct will include is not antic	the const	ruction
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
BIOLOGICAL RESOURCES Would the project-			***	
7. Wildlife & Vegetation		$\boxtimes$		
a) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state conservation plan?				
b) Have a substantial adverse effect, either directly or through habitat modifications, on any endangered, or threatened species, as listed in Title 14 of the California Code of Regulations (Sections 670.2 or 670.5) or in Title 50, Code of Federal Regulations (Sections 17.11 or 17.12)?				
c) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U. S. Wildlife Service?				
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident migratory wildlife corridors, or impede the use of native wildlife nursery sites?				
e) Have a substantial adverse effect 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. Fish and Wildlife Service?				
f) 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?				
g) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				

 <u> </u>		<u> </u>	
Potentially	Less than	Less	No
Significant	Significant	Than	Impact
Impact	with	Significant	•
·	Mitigation	Impact	
	Incorporated	•	

<u>Sources</u>: Western Riverside County Multiple Species Habitat Conservation Plan (Adopted June 2003)

Determination of Biologically Equivalent or Superior Preservation prepared by L&L Environmental, Inc. dated December 19, 2016 (PDB06426 Revised 1)

Revised Habitat Assessment, Focused Narrow Endemic Plant and Burrowing Owl Survey Report with MSHCP Consistency Analysis prepared by L&L Environmental, Inc. dated August 2016 (Revised November 2016) (PDB06398 Revised 1)

Jurisdictional Delineation with Least Environmentally Damaging Practical Alternative prepared by L&L Environmental, Inc. dated August 2016 (PDB06397)

## Findings of Fact:

a) The proposed project is located within the Western Riverside County Multiple Species Habitat Conservation Plan Southwest Area Plan. The project site is not located within a Criteria Cell.

# 6.1.2 Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools

According to the Determination of Biologically Equivalent or Superior Preservation prepared by L&L Environmental, Inc. dated December 19, 2016, the project will impact 0.102 acres of MSHCP Riparian/Riverine resources. The project proposes to offset the impacts at a 2:1 ratio by purchasing 0.204 acres of mitigation credit at the Skunk Hollow (Barry Jones) Mitigation Bank. The project has been conditioned by the County of Riverside to provide proof that the mitigation credits have been purchased prior to grading permit issuance.

The proposed project will avoid 0.303 acres of MSHCP Riparian/Riverine resources. To ensure that proposed grading activities do not encroach into the avoidance area, the County of Riverside has conditioned the project prior to grading permit issuance for a grading plan check, temporary fencing, and biological monitoring work plan. The County of Riverside has conditioned the project prior to grading permit or prior to map recordation (whichever occurs first) for a conservation easement and an Environmental Constraints Sheet (ECS) to ensure the long-term protection of the avoidance area. Additionally, prior to grading permit issuance, the Environmental Programs Department will review the Fire Protection and Vegetation Management Plan to ensure that any proposed fire maintenance activities do not encroach into the avoidance area.

No vernal pool habitat was identified in the survey area and no fairy shrimp or fairy shrimp habitat was observed during the survey. Soils within the drainage feature are mapped as loam. Water was not observed standing or puddling within the drainage.

The project will be consistent with Section 6.1.2 of the MSHCP with mitigation incorporated.

#### 6.1.3 Protection of Narrow Endemic Plant Species

The project site is located within the required habitat assessment area for the following Narrow Endemic Plant Species: Munz's onion, San Diego ambrosia, Many-stemmed dudleya, Spreading navarretia, California Orcutt grass, and Wright's trichocoronis. According to the MSHCP Habitat Assessment prepared by L&L Environmental, the project site was determined to have suitable habitat for Narrow Endemic Plant Species; therefore, focused botanical surveys were completed on the

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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following dates: May 17, 2015, July 12, 2015, August 17, 2015, February 23, 2016, March 11, 2016, and March 18, 2016. No Narrow Endemic Plant Species were observed during the focused surveys.

California Orcutt grass, spreading navarretia, San Diego ambrosia, and Wright's trichocoronis are not expected to occur due to heavily impacted potential habitat and limited distribution. Suitable habitat for Munz's onion and many-stemmed dudleya is present onsite; however, survey results were negative. There is the possibility that these two species were affected by increased heat and drought. Munz's onion were observed growing at reference sites during the current survey period, although numbers were significantly reduced which provides evidence that the species did bloom during the survey period. The project site is located on the eastern margin of the range of many-stemmed dudleya in Riverside County, which indicates a lower potential for this species to occur onsite. With heavy and regular disturbance within nonnative grassland and the avoidance of the majority of the coastal sage scrub in the survey area, the potential that these species will be impacted is low.

The proposed project is consistent with Section 6.1.3 of the MSHCP.

# 6.1.4 Guidelines Pertaining to the Urban/Wildlands Interface

The proposed project is 0.75 miles from the closest MSHCP Conservation Area. The project will not impact Conservation Areas. Therefore, the project is not subject to the Urban/Wildlands Interface Guidelines. The project is consistent with Section 6.1.4 of the MSHCP.

# 6.3.2 Additional Survey Needs and Procedures

The project site is located within the required habitat assessment area for burrowing owl. The project site was determined to have suitable habitat for burrowing owl; therefore, focused burrowing owl surveys were conducted on August 18 through August 21, 2015. No burrowing owl or burrowing owl sign was observed on the project site or in the survey buffer area during the focused surveys. To prevent impacts to burrowing owl, the project has been conditioned by Riverside County prior to grading permit issuance for a 30-day pre-construction burrowing owl survey.

The project will be consistent with Section 6.3.2 of the MSHCP with adherence to Riverside County conditions of approval.

Impacts related to conflicts with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state conservation plan will be less than significant with mitigation incorporated.

b) A single male coastal California gnatcatcher (CAGN) was observed during a field survey. The observation occurred just offsite outside of the southeast comer of the site within coastal sage scrub. After the brief observation, the male flew east into a southeast-facing slope containing coastal sage scrub. The area is fenced and not easily accessed. It is not known if these birds previously nested in the area or were foraging. No nest sites were observed. The observation lasted approximately 10 minutes and the CAGN was not approached to avoid harassment. Although the CAGN is a state-listed threatened species, it is considered a "Covered Species Adequately Conserved" under the MSHCP. To prevent impacts to active bird nests, the project has been conditioned by the County of Riverside for a pre-construction nesting bird survey and report prior to grading permit issuance. Impacts related to threatened or endangered species will be less than significant with adherence to Riverside County conditions of approval.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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c) The San Diego black-tailed jackrabbit was observed on the project site. The San Diego black-tailed jackrabbit is a State Species of Special Concern; however, it is considered a "Covered Species Adequately Conserved" under the MSHCP.

The project site was determined to have suitable habitat burrowing owl, a State Species of Special Concern. Additional surveys are required for burrowing owl in order to achieve coverage under the MSHCP (Section 6.3.2). Therefore, to prevent impacts to burrowing owl, the project has been conditioned by Riverside County prior to grading permit issuance for a 30-day pre-construction burrowing owl survey. Impacts to candidate, sensitive, or special status species will be less than significant with adherence to Riverside County Conditions of Approval.

- d) The proposed project is not located adjacent to an MSHCP Conservation Area or MSHCP Linkage. Suitable habitat for nesting birds is present on the project site. Therefore, the project has been conditioned by the County of Riverside for a pre-construction nesting bird survey and report prior to grading permit issuance to prevent impacts to active bird nests. Impacts related to the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites will be less than significant with adherence to Riverside County conditions of approval.
- e) According to the Jurisdictional Delineation with Least Environmentally Damaging Practical Alternative prepared by L&L Environmental, Inc. dated August 2016, the proposed project will impact 0.102 acres (4,443 square feet) of state streambed, of which 0.006 acres (261 square feet) are federal "Waters of the U.S."

The impacts to state streambed and MSHCP Riparian/Riverine resources are consistent. The project proposes to offset the impacts at a 2:1 ratio by purchasing 0.204 acres of mitigation credit at the Skunk Hollow (Barry Jones) Mitigation Bank. The project has been conditioned by the County of Riverside to provide proof that the mitigation credits have been purchased prior to grading permit issuance. Impacts will be less than significant with incorporation of mitigation.

- f) No state or federal wetlands and no MSHCP Riparian Habitat will be impacted by project related impacts. No impacts will occur.
- g) No oak trees are present on the project site. Therefore, the project is not subject to the Riverside County Oak Tree Management Guidelines. No impacts will occur.

Mitigation: **Proof of Mitigation Credits:** Prior to Grading Permit Issuance or Prior to Map Recordation, whichever occurs first, a biologist who holds an MOU with the County of Riverside shall submit documentation that the appropriate mitigation credits have been purchased in accordance with the mitigation measures described in must provide proof that 0.204 acres of mitigation credits have been purchased at the Skunk Hollow (Barry Jones) Mitigation Bank as outlined within the Determination of Biologically Equivalent or Superior Preservation prepared by L&L Environmental dated December 19, 2016 (PDB06426R1).

Monitoring: Biological Monitoring: Prior to grading permit issuance a qualified biological monitor shall be contracted to provide biological monitoring of the grading and construction activities and a Biological Monitoring Work Plan shall be submitted for EPD review and approval. The biological monitor must maintain a copy of the grading plans and the grading permit at all times while on the

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
project site. The EPD may require additional documentation site visit(s) to confirm completion.	n in the for	m of biologic	cal reports	and/or
CULTURAL RESOURCES Would the project			· ·	
Historic Resources     a) Alter or destroy an historic site?				$\boxtimes$
b) Cause a substantial adverse change in the significance of a historical resource as defined in California Code of Regulations, Section 15064.5?				
Source: Site visit, Project Application Materials, "Phase I Cu 963-010-006 19.36-Acres in the French Valley Area, Riversic L&L Environmental.				
Findings of Fact:				
a-b) The records search failed to indicate the presence of a boundaries of the subject site and the results of the field a proposed project would not cause substantial adverse chresource as defined in California Code of Regulations, Section Mitigation:  No mitigation measures are required.  Monitoring: No monitoring measures are required.	assessment ange in th	t were equal e significand	ly negative	e. The
Archaeological Resources     a) Alter or destroy an archaeological site.			$\boxtimes$	
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to California Code of Regulations, Section 15064.5?			$\boxtimes$	
c) Disturb any human remains, including those interred outside of formal cemeteries?				
Source: Project Application Materials, "Phase I Cultural Res 006 19.36-Acres in the French Valley Area, Riverside County Environmental.				
a-b) The site is relatively undisturbed and was required to report determined that no archaeological resources exist of present aboveground, the potential for uncovering archaeol conditions have been applied for ground disturbance activities are discovered, grading activities shall be halted in the immediate further evaluation by an archaeologist and tribal representations.	on the site. ogical reso es, if cultura nediate area	Despite no urces still exit resources of to provide	resources ists and st or human r sufficient t	s being andard emains ime for

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Therefore impacts in this regard are considered less than significant.

measures taken to either document, recover, or avoid the cultural resource (COAs 10.PLANNING.20 and 10.PLANNING.24). Additionally, the project has been conditioned for monitoring from an appropriate native American tribe during grading activities (COA 60.PLANNING.36). The above are considered standard Conditions of Approval, and as pursuant to CEQA, is not considered mitigation.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c) This project will have less than significant impact on he outside of formal cemeteries. However, as a precaution, the construction and immediately contact the State Health and remains are found (COAs 10.PLANNING.20 and 10.PLANNIN prehistoric, the coroner shall notify the Native American Her and notify the appropriate Native American Tribe who is the many shall inspect the site of discovery and make a recommendation the recommendation has been made, the property owner, Nata County representative shall meet to determine the appropriactions to be implemented. Condition of is not considered a CEQA. No mitigation is identified or required.	is project Safety Co NG.24). If itage Cominost likely on as to the ative Amerinate mitiga	has been conde Section remains are mission, which descendant. It appropriate can Tribe retion measure.	onditioned 7050.5 if leadermined the determined The description presentatives and cor	to halt human d to be ermine endant . After re, and rective
d-e) The project site will not restrict any religious or sacred of cultural resources report prepared for the project, no existing area. Additionally, notifications for AB52 consultation were so River Indian Tribes, Soboba, Ramona, and Cahuilla tribest consultation were received from Pechanga and Soboba, with tribes. Consultation with Pechanga took place on several Resources were identified. Consultation with Soboba was condid not identify any Tribal cultural Resources but did reques included in the conditions of approval. Consultation concluded Consultation with Soboba was concluded on February 16, 201 Mitigation: No mitigation measures are required.  Monitoring: No monitoring measures are required.	ent out to ent out to son Octoon no respondenced on est that Na ed with Pe	uses occur Pechanga, ber 18, 20 nses receive 12, 2017. N November tive America echanga on	within the Rincon, Co 16. Requested from the Io Tribal Co 10, 2016. So an monitor March 08,	project blorado sts for e other Cultural Goboba ing be
10. Tribal Cultural Resources  a) Would the project 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:  i) 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				
ii) 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 Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.				

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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a) i and ii) As noted previously in Section 9.a-b), The site is relatively undisturbed and was required to submit a cultural resources report. The report determined that no archaeological resources exist on the site. Despite no resources being present aboveground, the potential for uncovering archaeological resources that could be defined as tribal cultural resources still exists and standard conditions have been applied for ground disturbance activities, if cultural resources or human remains are discovered, grading activities shall be halted in the immediate area to provide sufficient time for further evaluation by an archaeologist and tribal representative as may be necessary and appropriate measures taken to either document, recover, or avoid the resource (COAs 10.PLANNING.20 and 10.PLANNING.24). Additionally, the project has been conditioned for monitoring from an appropriate native American tribe during grading activities (COA 60.PLANNING.36). The above are considered standard Conditions of Approval, and as pursuant to CEQA, is not considered mitigation. Therefore impacts in this regard are considered less than significant.

Additionally, notifications for AB52 consultation were sent out to Pechanga, Rincon, Colorado River Indian Tribes, Soboba, Ramona, and Cahuilla tribes on October 18, 2016. Requests for consultation were received from Pechanga and Soboba, with no responses received from the other tribes. Consultation with Pechanga took place on several February 12, 2017. No Tribal Cultural Resources were identified. Consultation with Soboba was conducted on November 10, 2016. Soboba did not identify any Tribal cultural Resources but did request that Native American monitoring be included in the conditions of approval. Consultation concluded with Pechanga on March 08, 2017. Consultation with Soboba was concluded on February 16, 2017. No impacts will occur.

11. Paleontological Resour	ces			
<ul> <li>a) Directly or indire paleontological resource, or feature?</li> </ul>	•	· <del>-</del>	_	

Source: Riverside County General Plan Figure OS-8 "Paleontological Sensitivity", Phase I Cultural Resources Assessment with Paleontological Records Review by Michael Brandman Associates, dated March 13, 2006

#### Findings of Fact:

a) The records search failed to indicate the presence of any Paleontological resources within the boundaries of the subject site. The majority of the site is situated upon surface exposures of Cretaceuous gabbro, which has a low potential to contain significant nonrenewable Paleontologic resources. The site also rests upon buried valley alluvium deposits of early-to-middle Pleistocene age, which can be highly sensitive for fossil resources under certain conditions. Since the potential has the potential to uncover paleontological resources, standard conditions have been applied to require paleontological consultation prior to grading and to determine whether monitoring should be required during grading activities (COA 60.PLANNING.3). With incorporation of this standard condition of approval, potential impacts will be less than significant.

Mitigation: No mitigation required.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Monitoring: No monitoring required.				
GEOLOGY AND SOILS Would the project				
12. Alquist-Priolo Earthquake Fault Zone or County Fault Hazard Zones  a) Expose people or structures to potential				
substantial adverse effects, including the risk of loss, injury, or death?				
b) Be subject to 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?				
Source: Geologist Comments, County Geologic Report (GE Subsurface Evaluation and In-Situ Soil Infiltration Testing for Residential Tract, Tentative Tract map No. 32323, Benton Ro Street, French Valley Area within the County of Riverside, Ca LGC Geotechnical, Inc.	Proposed 3 ad between	34-Lot Single n Pourroy Ro	Family and Be	ech
Findings of Fact:				
a-b) The proposed project is not located within proximity to a Overall, the project will not expose people or structures to including the risk of loss, injury, or death. California Building residential development will minimize the potential for searthquakes by ensuring that structures are constructed purse for the region. The potential impact will be less than significate all residential developments, the requirements are implementation purposes. Therefore, the impact is considered	potentially Code (CB structural fa suant to app ant. As CB0 not consi	/ substantial C) requirement ailure or los olicable seisn C requirement dered mitiga	adverse e ents pertair ss of life nic design onts are app	iffects, ning to during criteria licable
Mitigation: No mitigation is required.				
Monitoring: No monitoring is required.				
Liquefaction Potential Zone     a) Be subject to seismic-related ground failure, including liquefaction?				
Source: Riverside County General Plan Figure S-3 "General Report (GEO) No. 2523 "Preliminary Geotechnical Subsurfactor Testing for Proposed 34-Lot Single Family Residential Tract, Road between Pourroy Road and Beech Street, French Valle California.", dated 9/16/16, prepared by LGC Geotechnical, In	e Evaluatio Tentative T y Area with	n and In-Situ ract map No.	Soil Infiltra	ition inton
Findings of Fact:				

	Potentially Significant Impact	Less than Significant with Mitigation	Less Than Significant Impact	No Impact
		Incorporated	тпрасц	
a) According to the county GIS database, the project site potential for liquefaction. Additionally, the geologic report for and the site consisting of compacted fill over dense native construction liquefaction. Therefore, less than significant important im	ound that th soils would i	e remedial ( result in low	grading prop	posed
Mitigation: No mitigation measures are required.				
Monitoring: No mitigation measures are required.				
14. Ground-shaking Zone Be subject to strong seismic ground shaking?				
Source: Riverside County General Plan Figure S-16 "Inven	tory of Com	munication F	acilities"	
Findings of Fact:				
a) According to General Plan Figure S-16 of the General Platis located in an area that has a very high ground-shaking records California Building Code (CBC), structures within the stresist the effects of seismic ground motions. Accordingly, grasignificant and no mitigation is required.	isk. With ma ite would be	andatory cor designed a	npliance wit nd construc	th the ted to
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
15. Landslide Risk  a) 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, collapse, or rockfall hazards?				
Source: On-site Inspection, Riverside County General Plan Stability Map", County Geologic Report (GEO) No. 2523 "Pre Evaluation and In-Situ Soil Infiltration Testing for Proposed 3 Tentative Tract map No. 32323, Benton Road between Pour Valley Area within the County of Riverside, California.", dated Geotechnical, Inc.	lliminary Ge 4-Lot Single oy Road an	otechnical Si Family Resi d Beech Stre	ubsurface dential Trac eet, French	•
Findings of Fact:				
a) The proposed project site is generally flat with areas the project. GEO No. 2523 found that slope stability analyproject design. Therefore, impacts would be a less than signi	ysis for seis	rain in the so smic events	outhern port are met thi	ion of rough

<u>Mitigation</u>: No mitigation measures are required.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Monitoring: No monitoring measures are required.				
16. Ground Subsidence  a) 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 ground subsidence?				
Source: Resolution No. 94-125, Riverside County General F 2523 "Preliminary Geotechnical Subsurface Evaluation and I Proposed 34-Lot Single Family Residential Tract, Tentative T between Pourroy Road and Beech Street, French Valley Are California.", dated 9/16/16, prepared by LGC Geotechnical, In	n-Situ Soil I ract map N a within the	nfiltration Te o. 32323, Be	sting for enton Road	,
Findings of Fact:				
a) The project site is located in an area susceptible to sub some adjustments in grades near the completion of grading volume changes. However, any changes in earth volume Therefore, there would be a less than significant impact.	g could be i	required to b	alance any	/ earth
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
17. Other Geologic Hazards			$\boxtimes$	
<ul> <li>a) Be subject to geologic hazards, such as seiche, mudflow, or volcanic hazard?</li> </ul>				
Source: Site visit, Project Application				
Findings of Fact:				
a) The Project site is more than 28 miles from the Paproximity to any natural enclosed bodies of water. The Projects of Lake Skinner and based on the distance from this last approximately 100 feet higher than the bottom of the dam) water within the lake overtopped the dam and flowed downs are no volcanoes in the Project vicinity. As such, the project tsunamis or seiches, and would not be affected by volcanoes	iect site is I ke and rela vould not be stream from site would r	ocated approtive elevation subject to the subject to the dam.	oximately 2 n (project s potential se Additionally	miles ite sits eiche if there

Additionally, the Project site is not located within a 100-Year Flood Zone. Due to the elevated topography of the Project site and surrounding areas, there is no potential for the Project site to be impacted by mudflow hazards. The Project site would not be affected by any other geologic hazards beyond what is discussed herein under the appropriate topic heading. Accordingly, impacts would be less than significant and no mitigation would be required.

Mitigation: No mitigation measures are required.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Monitoring: No monitoring measures are required.				
18. Slopes  a) Change topography or ground surface relief features?				
b) Create cut or fill slopes greater than 2:1 or higher than 10 feet?				$\boxtimes$
c) Result in grading that affects or negates subsurface sewage disposal systems?				
Source: Riv. Co. 800 Scale Slope Maps				
Findings of Fact:				
a) Under existing conditions, the Project site has a relative steeper terrain in the southern portion of the site. Implementation require grading of the site to accommodate the proposed grading exhibit, the Project would generally maintain the Therefore, impacts would be less than significant and no mitible b). As shown in Project's grading exhibit, no grading (horizontal:vertical). In addition, none of the proposed slot Accordingly, no impact would occur.	nentation of developme e site's exi- gation would ng would pes would	the proposent. As shown sting topograd be required exceed a exceed a he	ed Project n in the Pr aphic cond d. gradient of eight of ter	would roject's ditions.  of 2:1 n feet.
c) Under existing conditions, the Project site comprises und require wastewater treatment. The project would be served any subsurface septic systems to serve the project. Thus, would not result in grading that affects or negates any activand no impact would occur.	by domest	ic sewer and ation of the	d would no proposed f	t have <sup>o</sup> roject
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
19. Soils  a) Result in substantial soil erosion or the loss of topsoil?				
b) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?			$\boxtimes$	
c) Have soils incapable of adequately supporting use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				

	<u>-</u>		<del></del>	
Poi	tentially	Less than	Less	No
Sig	gnificant	Significant	Than	Impact
lr in the second of the second	mpact	with	Significant	
	-	Mitigation	Impact	
		Incorporated		

<u>Source</u>: U.S.D.A. Soil Conservation Service Soil Surveys, Staff Review, application materials, site visit, County Geologic Report (GEO) No. 2523 "Preliminary Geotechnical Subsurface Evaluation and In-Situ Soil Infiltration Testing for Proposed 34-Lot Single Family Residential Tract, Tentative Tract map No. 32323, Benton Road between Pourroy Road and Beech Street, French Valley Area within the County of Riverside, California.", dated 9/16/16, prepared by LGC Geotechnical, Inc.

## Findings of Fact:

a) Proposed grading activities associated with the Project would temporarily expose underlying soils to water and air, which would increase erosion susceptibility while the soils are exposed. Exposed soils would be subject to erosion during rainfall events or high winds due to the removal of stabilizing vegetation and exposure of these erodible materials to wind and water. Erosion by water would be greatest during the first rainy season after grading and before the Project's structure foundations are established and paving and landscaping occur. Erosion by wind would be highest during periods of high wind speeds when soils are exposed.

Pursuant to the requirements of the state Water Resources Board, the Project Applicant is required to obtain a National Pollutant Discharge Elimination System (NPDES) permit for construction activities. The NPDES permit is required for all projects that include construction activities, such as clearing, grading, and/or excavation that disturb at least one acre of total land area. Additionally, during grading and other construction activities involving soil exposure or the transport of earth materials, Chapter 15.12 (Uniform Building Code) of the Riverside County Code, which establishes, in part, requirements for the control of dust and erosion during construction, would apply to the Project. As part of the requirements of Chapter 15.12, the Project Applicant would be required to prepare an erosion control plan that would address construction fencing, sand bags, and other erosion-control features that would be implemented during the construction phase to reduce the site's potential for soil erosion or the loss of topsoil.

Following construction, wind and water erosion would be minimized, as the areas disturbed during construction would be landscaped or covered with impervious surfaces. Only nominal areas of exposed soil, if any, would occur in the site's landscaped areas. The only potential for erosion effects to occur during Project operation would be indirect effects from storm water discharged from the property. Under proposed conditions, catch basins would be installed to collect all runoff and discharge the flow into the three proposed infiltration basins. Ultimately, any excess flows would be discharged into existing storm drains, and thus would not cause or contribute any erosion hazards downstream.

Accordingly, because the Project's drainage would be fully controlled via the proposed on-site drainage facilities, impacts due to water erosion would be less than significant under long-term conditions.

- b) Any potential for expansive soils would be alleviated through compliance with the Riverside County Building Code and the 2016 California Building Code. Additionally, GEO No. 2523 determined that the soils on the site have a very low to low expansion potential. Therefore, there would be no risk to life or property. No impact would occur.
- c) No septic tanks or alternative waste water disposal systems are proposed to be constructed or expanded as part of the Project. Accordingly, no impact would occur.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
20. Erosion	П	<del>[</del>		
a) Change deposition, siltation, or erosion that may modify the channel of a river or stream or the bed of a lake?	ш			
b) Result in any increase in water erosion either on or off site?				

Source: U.S.D.A. Soil Conservation Service Soil Surveys

## Findings of Fact:

a-b) The proposed grading activities associated with the Project would temporarily expose underlying soils to water and air, which would increase erosion susceptibility while the soils are exposed. Exposed soils would be subject to erosion during rainfall events or high winds due to the removal of stabilizing vegetation and exposure of these erodible materials to wind and water. Erosion by water would be greatest during the first rainy season after grading and before the Project's structure foundations are established and paving and landscaping occur. Erosion by wind would be highest during periods of high wind speeds when soils are exposed.

Pursuant to the requirements of the State Water Resources Control Board, the Project Applicant is required to obtain a National Pollutant Discharge Elimination System (NPDES) permit for construction activities. The NPDES permit is required for all projects that include construction activities, such as clearing, grading, and/or excavation that disturb at least one acre of total land area. Additionally, during grading and other construction activities involving soil exposure or the transport of earth materials, Chapter 15.12 (Uniform Building Code) of the Riverside County Code, which establishes, in part, requirements for the control of dust and erosion during construction, would apply to the Project. As part of the requirements of Chapter 15.12, the Project Applicant would be required to prepare an erosion control plan that would address construction fencing, sand bags, and other erosion-control features that would be implemented during the construction phase to reduce the site's potential for soil erosion or the loss of topsoil. Requirements for the reduction of particulate matter in the air would also apply, pursuant to SCAQMD Rule 403. Mandatory compliance with the Project's NPDES permit and these regulatory requirements would ensure that erosion impacts that may change deposition, siltation, or erosion that may modify any downstream channels or other drainages during construction activities would be less than significant. Mitigation is not required.

Following construction, erosion on the Project site would be minimized, as the areas disturbed during construction would be landscaped or covered with impervious surfaces. Only nominal areas of exposed soil, if any, would occur in the site's landscaped areas. The only potential for erosion effects to occur during Project operation would be indirect effects from storm water discharged from the property. Under proposed conditions, all drainage from the developed portions of the site would be conveyed to a water quality basin for treatment. The proposed water quality basin would ensure that sediments in runoff discharged from the site is minimized. Additionally, the required BMPs also would ensure that the Project would not result in any increase in water erosion either on or off-site as compared to existing conditions. Accordingly, there would be a less than significant impact that may

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
change deposition, siltation, or erosion that may modify any during operation.	downstrean	n channels o	r other dra	inages
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
<ul><li>21. Wind Erosion and Blowsand from project either on or off site.</li><li>a) Be impacted by or result in an increase in wind erosion and blowsand, either on or off site?</li></ul>				
Source: Riverside County General Plan Figure S-8 "Wind E Sec. 14.2 & Ord. 484	Erosion Susc	ceptibility Ma	p," Ord. 46	0,
Findings of Fact:				
a) The project site lies within a moderate area of wind erosio of exposed dirt, which is subject to wind erosion, with the inclandscaping. No changes will be made on adjacent propertie offsite that would impact this project. Current levels of wind eximpact this site are considered less than significant. A conditionary control dust created during grading activities (COA 10. BS G and therefore is not considered unique mitigation pursuant to considered less than significant.  Mitigation: No mitigation measures are required.  Monitoring: No monitoring measures are required.	orporation of es that would erosion on a tion has bee RADE. 8). T	f concrete, as I increase wi djacent prop n placed on his is a stand	sphalt, and nd erosion erties that the project dard condit	would to
GREENHOUSE GAS EMISSIONS Would the project				
22. Greenhouse Gas Emissions  a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?				
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the			$\boxtimes$	
emissions of greenhouse gases?  Source: "Benton Road Residential Greenhouse Gas Ana Crossroads	lysis", dated	11/2/16, pre	epared by	Urban
Findings of Fact:				
a, b) As stated in the Greenhouse Gas Analysis for the project the total construction Greenhouse Gas emissions generated Metric Tons Carbon Dioxide equivalent (MT CO <sub>2</sub> e) per yemissions amortized over a typical project life of 30 years as	from the Pr ear which	oject is appr includes cor	oximately 6 nstruction-r	316.12 related

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	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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emissions from the Project are below the threshold of 3,000 MT CO₂e per year for residential projects (Tier 3) established by the South Coast Air Quality Management District (SCAQMD).

Operational Emissions (metric tons/year)

The state of the s							
Emissions	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> E			
Construction Emissions amortized over 30 years	16.77	0.01	0.00	16.85			
Area Sources	8.74	0.01	0.00	8.80			
Energy Sources	114.18	0.01	0.00	114.82			
Mobile Sources	444.46	0.01	0.00	444.75			
Waste Sources	8.07	0.48	0.00	18.09			
Water Usage	10.72	0.07	0.01	12.81			
Total Project Emissions	616.12						
Source: Urban Crossroads							

Since the project will not exceed the screening threshold proposed by SCAQMD, the project will not generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment or conflict with the County's goals of reducing GHG emissions. Project development will not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs. Impacts will be less than significant.

Mitigation: No mitigation measures are required.

Monitoring: No monitoring measures are required.

HAZARDS AND HAZARDOUS MATERIALS Would the project	ect		
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?			
c) Impair implementation of or physically interfere with an adopted emergency response plan or an emergency evacuation plan?			
d) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			
e) 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?			

Source: Riverside County General Plan and Project Review, "Phase I Environmental Site Assessment, APN 963-010-006, Benton Road", dated 3/24/16, prepared by Hillmann Consulting

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Findings of Fact:				
a) The project is not associated with the need for routine quantities of hazardous materials. This residential project environmental impacts related to activities related to rout hazardous materials. The project will not create a substantitransport, use, or disposal of hazardous materials. There significant.	t is not fore ine delivery, al hazard to	cast to caus , manageme the public o	se any signent or disport or the enviro	nificant osal of onment
b) Based on project materials and site surveys, it is not antice have resulted in the presence of any hazardous materials prior to grading for the project, a Phase I Environmental Site project site. The assessment found that four piles of fill materials western portion of the property, no asbestos containing materials were discovered, and that historical agricultural uses occur is identified as a Recognized Environmental Condition (I expose people to hazardous conditions. The Phase I ESA real II ESA prior to grading to determine the presence of remains the measures to properly dispose of the contaminated soils. This is a standard condition of approval for projects located thus not considered mitigation pursuant to CEQA. With the resulting recommendations implemented, impacts are anticipated.	on the site. e Assessment erial/construction the second that period or other match in areas of implements	To ensure nt (ESA) was action debris debased pair ite. The prior resents pot the project e chemicals terials (COA of prior agrication of the F	this is add a prepared were noted of agriculturential conditions and if disceptions HEAL ultural use Phase II ES	ressed for the l at the r mold ral use ern to Phase overed .TH.1). and is
c-d) The proposed Project will not impair implementation of emergency response plan or an emergency evacuation pla quarter mile of an existing school, but as a residential use quantities of hazardous material that could substantially implack of uses that would generate hazardous emissions, no a is forecast to occur. The project will have no impact.	in. The proje is not antico pact the scho	ect site is lo cipated to ha ool. When o	cated withi andle any r combined w	n one- otable rith the
e) The site is not located on a site which is included on a pursuant to Government Code Section 65962.5 and, as a r significant hazard to the public or the environment. The proj	esult, its de	velopment w	als sites co ould not cr	mpiled eate a
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
24. Airports a) Result in an inconsistency with an Airport Master Plan?	<u> </u>			
b) Require review by the Airport Land Use Commission?			$\boxtimes$	
c) 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 result in a safety hazard for people residing or

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
working in the project area?				
d) For a project within the vicinity of a private airstrip, or heliport, would the project result in a safety hazard for people residing or working in the project area?	<u></u>		<u></u>	<u>⊠</u> ——
Source: Riverside County General Plan Figure S-19 "Airpo Land Use Commission letter, dated September 18, 2006	rt Locations	", Riverside	County Airp	oort
Findings of Fact:				
a-c) The project site is located within the French Valley specifically located within Compatibility Zones D and E Compatibility Plan. The project was reviewed by the Riversi (ALUC), which determined the project Conditionally Consis with the standard use limitations as included in ALUC's le would be less than significant.	of the Frender of the County o	nch Valley Airport Land y 25, 2006.	Airport Lan Use Comn With comp	d Use nission oliance
d) The project site is not located within the vicinity of a privat not result in a safety hazard for people residing or working i would occur.				
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
a) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				
Source: Riverside County General Plan Figure S-11 "Wildfi	ire Suscepti	bility," Rivers	side GIS	
Findings of Fact:  a). The project site is located within an area that is design zone. As is standard for projects located within these a adequate primary and secondary access and buildings to be to comply with enhanced building standards for areas with hazard to the buildings and people residing within them. The and are not considered mitigation under CEQA. With requirements, impacts would be less than significant.	reas, the p built on the nin high fire hese are st	project is re- proposed lo hazard are andard cond	quired to pots will be re eas to redu ditions of ap	provide equired ace the oproval
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
HYDROLOGY AND WATER QUALITY Would the project				
26. Water Quality Impacts  a) Substantially alter the existing drainage pattern of the site or area, including the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on- or off-site?				
b) Violate any water quality standards or waste discharge requirements?			$\boxtimes$	
c) Substantially deplete 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)?				
d) Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?				
e) Place housing within a 100-year flood hazard area, as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				
f) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				$\boxtimes$
g) Otherwise substantially degrade water quality?  h) Include new or retrofitted stormwater Treatment Control Best Management Practices (BMPs) (e.g. water quality treatment basins, constructed treatment wetlands), the operation of which could result in significant environmental effects (e.g. increased vectors and odors)?				

Source: Riverside County Flood Control District Flood Hazard Report.

### Findings of Fact:

a) As noted previously, the northern portion of the site is generally flat with moderate slope with higher slopes in the southern portion of the site. Within the northern portion of the site, a drainage course enters the eastern boundary of the site south of Benton Road and traverses the site westerly where it connects to a drainage area along the western boundary of the site that directly flows to an existing storm drain inlet that was constructed with the adjacent single family residential development. The proposed project would generally allow this drainage course to remain, excluding culverts to provide for the two street crossings proposed by the project to connect to Benton Road for primary and secondary emergency access. Other than this drainage course, the project would continue the existing drainage pattern of the site which generally directs most flows to the drainage course that traverses the site and to the adjacent developed storm drain inlet. The project is not anticipated to alter the existing drainage pattern of the site or area, including the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on- or off-site. On site flows

Potentially Significan Impact		Less Than Significant Impact	No Impact
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would be collected via surface and storm drains and directed to an onsite basin that would outlet to the drainage course. The proposed detention basin will attenuate any increased flows generated from the construction of impervious surfaces on the site to not increased flows on- or off-site that could potentially result in increased erosion. Therefore, this impact is considered less than significant.

b) The California Porter-Cologne Water Quality Control Act (Section 13000 ("Water Quality") et seq. of the California Water Code), and the Federal Water Pollution Control Act Amendment of 1972 (also referred to as the Clean Water Act (CWA)) require that comprehensive water quality control plans be developed for all waters within the State of California. The Project site is located within the Santa Ana River Watershed and is within the jurisdiction of the California Regional Water Control Board, Santa Ana Region.

A specific provision of the CWA applicable to the proposed Project is CWA Section 402, which authorizes the National Pollutant Discharge Elimination System (NPDES) permit program that covers point sources of pollution discharging to a water body. The NPDES program also requires operators of construction sites one acre or larger to prepare a Stormwater Pollution Prevention Plan (SWPPP) and obtain authorization to discharge stormwater under an NPDES construction stormwater permit.

# Impact Analysis for Construction-Related Water Quality

Construction of the proposed Project would involve clearing, grading, paving, utility installation, building construction, and landscaping activities, which would result in the generation of potential water quality pollutants such as silt, debris, chemicals, paints, and other solvents with the potential to adversely affect water quality. As such, short-term water quality impacts have the potential to occur during construction of the Project in the absence of any protective or avoidance measures.

Pursuant to County of Riverside requirements, the Project would be required to obtain a NPDES Municipal Stormwater Permit for construction activities. The NPDES permit is required for all projects that include construction activities, such as clearing, grading, and/or excavation that disturb at least one acre of total land area. Compliance with the NPDES permit involves preparation and implementation of a SWPPP for construction-related activities. The SWPPP is required to specify the Best Management Practices (BMPs) that the Project would be required to implement during construction activities to ensure that all potential pollutants of concern are prevented, minimized, and/or otherwise appropriately treated prior to being discharged from the subject property. Mandatory compliance with the SWPPP would ensure that the proposed Project does not violate any water quality standards or waste discharge requirements during construction activities. Thus, with mandatory adherence to the Project's SWPPP, water quality impacts associated with construction activities would be less than significant and no mitigation is required.

# Post-Development Water Quality Impacts

To meet NPDES requirements, the Project's proposed storm drain system is designed to route flush runoff to the proposed water quality basin. The Project would be required to implement a Water Quality Management Plan (WQMP), pursuant to the requirements of the applicable NPDES permit. The WQMP is a post-construction management program that ensures the on-going protection of the watershed basin by requiring structural and programmatic controls. The WQMP identifies structural controls to minimize, prevent, and/or otherwise appropriately treat storm water runoff flows before they are discharged from the site. Mandatory compliance with the WQMP would ensure that the Project does not violate any water quality standards or waste discharge requirements during long-

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	incorporated		

term operation. Therefore, with mandatory compliance with the Project's WQMP, water quality impacts associated with post-development activities would be less than significant and no mitigation is required.

c) The Project site is located within the Eastern Municipal Water District (EMWD) service area. EMWD has identified the water district's anticipated future demands for potable water resources and the plans for meeting those demands. EMWD obtains its water from Northern California, through the Metropolitan Water District. Thus, the Project's demand for domestic water service would not substantially deplete groundwater supplies such that there would be a net aquifer volume or a lowering of the local groundwater table level, and impacts would be less than sufficient.

Development of the Project site would increase impervious surface coverage on the site, which would in turn reduce the amount of direct infiltration of runoff into the ground. However, infiltration would occur in the landscaped areas as well as the proposed water quality basin. The bottom of basin would also function to mitigate any potential increase runoff and for water quality treatment. Therefore, with incorporation of the basin and regional management efforts for groundwater resources, the Project would not interfere with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level, and impacts would be less than significant.

- d) The proposed Project will include catch basins and underground storm drains to collect all runoff and discharge the flows into the proposed water quality basin. The basin and other on-site drainage facilities are proposed to outlet to the existing drainage at the proposed culvert for proposed Street 'A" which both provides adequate flood protection from the 100-year frequency storm event on site as well as provides and adequate outlet in accordance with Riverside County Flood Control District requirements. Additionally, with required adherence to a SWPPP and WQMP, the Project would not provide substantial additional sources of polluted runoff during construction or long-term operation. Accordingly, implementation of the proposed Project would not create or contribute runoff that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Thus, impacts would be less than significant and no mitigation is required.
- e) The proposed project is not within a flood hazard area and is not placing housing within a 100-year flood hazard area, as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map. Therefore, there is no impact.
- f) The proposed project is not within a flood hazard area and is not placing structures within a 100-year flood hazard area which would impede or redirect flood flows. Therefore, there is no impact.
- g) Mandatory compliance with the BMP's specified in the Project's WQMP would ensure that the proposed Project does not result in any other impacts to water quality. There are no conditions associated with the proposed Project that would result in the substantial degradation of water quality beyond what is described above. Thus, no impact would occur.
- h) The proposed water quality basin designed to filter the Project's stormwater is strategically placed at the downstream point of the Project site's drainage areas. Runoff from the Project site would be collected in the basin and filtered to remove water pollutants before being discharged into offsite facilities. The water quality BMP's are designed to drain within a maximum of 72 hours, which would preclude the attraction of vectors and odors associated with standing water. The detention basin is an inherent part of the Project's design and, as such, the environmental effects associated with the

		Significant Impact	Significant with Mitigation Incorporated	Than Significant Impact	Impact
construction and operation of the P assessment, and where necessary, mi with their construction and operation. A stormwater BMPs that could result in si	itigation has been ide Accordingly, the Projec	ntified to add ct would not	dress any im include any	pacts assonew or reti	ociated rofitted
Mitigation: No mitigation measures are	e required.				
Monitoring: No monitoring measures a	are required.				
27. Floodplains  Degree of Suitability in 100-Year Suitability has been checked.	Floodplains. As ind	icated belov	v, the appro	priate Deç	ree of
a) Substantially alter the existing	Senerally Unsuitable	<u> </u>		R - Restric	ted 🔲
the site or area, including through to course of a stream or river, or substrate or amount of surface runoff in a result in flooding on- or off-site?	the alteration of the antially increase the		Ш		Ш
b) Changes in absorption rate amount of surface runoff?	es or the rate and				
c) Expose people or structures t loss, injury or death involving flooding, a result of the failure of a levee or da Area)?	including flooding as				
d) Changes in the amount of s water body?	surface water in any				$\boxtimes$
Source: Riverside County General Pla Figure S-10 "Dam Failure Inundation Zo Report					rd
Findings of Fact:					
a) The proposed grading by the Projections. The proposed basin and drawnd to downstream properties from the County Flood Control District requirem pattern in a manner that would lead to significant.	ainage facilities would 100-year frequency s nents. As such, the P	provide ade storm event roject would	quate flood p in accordand not alter the	protection of se with Riv e site's dra	on-site erside ainage
b) Development of the Project would in in turn reduce the amount of direct infil proposed to be landscaping and infiltr proposes a water quality basin. The boopportunity for infiltration. The basin w	tration of runoff into the tration would occur over other or the basin we	ne ground. A er these are ould be unlin	A portion of the pas. Addition ned, which w	he Project nally, the F vould provi	site is Project ide an

water quality treatment. Based on the foregoing analysis, the Project would not result in changes in absorption rates or the rate and amount of surface runoff that could result in significant environmental

effects and impacts would be less than significant.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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- c) The Project site is located approximately 1.7 miles west of Lake Skinner and is located at least partially within its dam inundation area as illustrated by the Riverside County General Plan, Southwest Area Plan, Figure 10, Southwest Area Plan Flood Hazards. A seismically-induced failure of the Lake Skinner dam facility when the dam basin is filled to capacity could cause extensive flooding across most of the Project site. In recognition of this possibility, the Lake Mathews/Woodcrest Area Plan includes three policies intended to attenuate the risk of dam failure to persons or property. Specifically, Policy SWAP 24.3 requires adherence to the flood proofing, flood protection requirements, and flood management review requirements of Riverside County Ordinance No. 458, which regulates flood hazards. Additionally, Policy SWAP 24.4 requires proposed development projects (such as the proposed Project) to undergo review by the Riverside County Flood Control and Water Conservation District. Moreover, County Ordinance No. 457 establishes building standards and codes that apply to development that is subject to inundation. Compliance with the above-reference regulations and policies would ensure that any potential dam inundation hazards associated with future development would be less than significant. However, mitigation has been identified to reduce impacts associated with dam inundation to below a level of significance. The mitigation requires the homeowner be informed about their home being located within a dam inundation area through several disclosure mechanisms. This would ensure that all future residents on the Project site are aware of their home being located in a dam inundation hazard area, the risks associated with the home being located in an inundation zone, and the public service resources in place to help address dam inundation effects in the event the Lake Mathews Dam fails. Therefore, with mandatory compliance to SWAP policies, and the mitigation measure, the Project's impacts due to being located within a damn inundation hazard area would be less than significant.
- d) The Project site's existing drainage patterns would generally be maintained under the proposed Project. Although the Project's proposed water quality basin would reduce peak flows from the site, the Project would not affect the total amount of flows from the site. Thus, the Project has no potential to result in changes in the amount of surface water in any water body, and no impact would occur.

Mitigation: Prior to building permit final inspection, evidence shall be provided to the Riverside County Building and Safety Department that all home deeds include a disclosure about the Project site's location within a dam inundation hazard area. Additionally, as part of future home sale documentation, the Project Applicant shall provide each new homeowner a copy of the Federal Emergency Management Agency's informational brochure, entitled "Living with Dams: Know Your Risks (FEMA P-956)." Additionally, each new homeowner shall be provided with informational materials from the Riverside County Fire Department's Community Emergency Response Team (CERT), including information about CERT's role in helping communities address potential impacts due to natural and man-made hazards, and information relating to how future residents can become involved and undergo CERT training to assist the future residents of the community in the event of failure of the Lake Skinner dam. (COA 80.PLANNING.21)

Monitoring: Mitigation shall be monitored through the conditions of approval by the Planning Department and the Building & Safety plan check process.

LAND USE/PLANNING Would the project		
28. Land Use <ul> <li>a) Result in a substantial alteration of the present or planned land use of an area?</li> </ul>		

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Affect land use within a city sphere of influence and/or within adjacent city or county boundaries?			×	
Source: Riverside County General Plan, GIS, Project Mater	ials			
Findings of Fact:				
a) The project is located in an unincorporated area of River and north of the City of Temecula. The project does include Plan Amendment, and Change of Zone that would general subject site. While this does result in an increase in amount density is consistent with the surrounding area which Therefore, impacts with regard to a substantial alteration to pasignificant.	de a Specif ally intensify of density o generally	ic Plan Ame y the allowe on the subject consists of	endment, G ed density of t site, this lessimilar der	eneral on the evel of nsities.
b) The project site is located within the City Sphere of It transmitted to the City and the City was noticed of the comments have been received. The City's General Plan It Rural Residential (0.0-0.2 dwelling units per acre) and Hillsin acre). Although the proposed change in land use designation strictly comply with these City land use designations for its the amount of units is not substantial considering the surrouproject as proposed compared to the designations of the City and the City do not maintain a Memorandum of Understand compliance within the sphere of influence. Impacts would be	Planning of and use plated de Residen of and the plate of insurance of insurance de and the design of the plated in and the and ing that he	Commission an depicts the tial (0.0-0.1 coposed sub- influence, the sities are melan. Additions any provise any provise the commission of	hearing and subject some subject some division workers differer some similar conally, the (	ind no site as its per uld not noes in to the County
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
29. Planning  a) Be consistent with the site's existing or proposed zoning?				
b) Be compatible with existing surrounding zoning?			$\boxtimes$	
c) Be compatible with existing and planned surrounding land uses?			$\boxtimes$	
d) Be consistent with the land use designations and policies of the Comprehensive General Plan (including those of any applicable Specific Plan)?				
e) Disrupt or divide the physical arrangement of an established community (including a low-income or minority community)?				
Source: Riverside County General Plan Land Use Element Findings of Fact:	, Staff revie	w, GIS		

	No pact
a-c) The project site is proposed to be zoned One Family Dwellings (R-1). The proposed use, single family residential with a minimum lot size of 7,000 square feet, is consistent with the development standards set forth in the One Family Dwellings (R-1) zone. All other applicable development standards related to lot width, depth, and frontage are met through the project design. Subseque building permits will be required to comply with height, building setback, parking, and lot covera requirements. Surrounding zoning classifications are One-Family Dwellings (R-1) to the west a south, Specific Plan (SP 286) to the north, Residential Agricultural, one-acre minimum (R-A-1) a Residential Agricultural, five-acre minimum (R-A-5) to the east. Existing uses in the vicinity of the project site include single-family residential to the in all directions. Since the proposed Project would compatible with the surrounding land uses and less than significant impacts would occur.	ent ent ent age and and the uld
d) The Project proposes to change the land use designation of the site from Community Developme Very Low Density Residential (CD: VLDR) and Rural: Rural Residential (R:RR) to Communicate Development: Low Density Residential (CD:LDR). While this does represent a change to the General Plan and Specific Plan land use designations, it does not conflict with the overall polices of the General Plan and Specific Plan as detailed further in the findings in the staff report for the project. The project proposes 34 residential lots on 20.3 acres for a density of 1.67 dwelling units per acre, while is consistent with the CD:LDR density range of 1-2 dwelling units per acre. The proposed Project Would be fully consistent with the property's General Plan land use designation and with all applicate policies of the General Plan. Therefore, there would be a less than significant impact.	nity eral the he ich ect
e) Residential uses exist in the surrounding area. However, there are no components of the propos Project that would obstruct access to the community or divide the physical arrangement of to community. Therefore, there would be no impact.	
Mitigation: No mitigation measures are required.	
Monitoring: No monitoring measures are required.	
MINERAL RESOURCES Would the project	
a) Result in the loss of availability of a known mineral resource in an area classified or designated by the State that would be of value to the region or the residents of	₹
the State?  b) Result in the loss of availability of a locally- important mineral resource recovery site delineated on a	
local general plan, specific plan or other land use plan?  c) Be an incompatible land use located adjacent to a   State classified or designated area or existing surface mine?	₫
d) Expose people or property to hazards from  proposed, existing or abandoned quarries or mines?	<u></u>
Source: Riverside County General Plan Figure OS-6 "Mineral Resources Zones"	
Findings of Fact:	
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	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a-b) Based on available information, the Project site has ne extraction activity. No mines are located on the property. <i>Mineral Resources Area</i> , the Project site is designated with pursuant to the Surface Mining and Reclamation Act of 19 Department of Conservation California Surface Mining an lands designated as MRZ-3 are defined as areas of und Furthermore, the Project site is not identified as an importance of Project Plan. Accordingly, the proposed Project would not mineral resource that would be of value to the region or the Project result in the loss of availability of a locally-important on a local general plan, specific plan, or other land use plan.	According to the Mineral of Reclamation etermined in the residents mineral resources.	o General pal Resources  a). According ion Policies nineral resource rec loss of availa ource recove	lan Figure Solution Zone 3 (No the Call I to the Call I and Proce	OS-6, MRZ-3) diffornia edures, icance, by the known uld the
c-d) The Project site is not located near lands classified as Mare areas known to have mineral resources deposits. There the immediate area. Accordingly, implementation of the process incompatible use located adjacent to a State classified addition, implementation of the proposed Project would not expressed, existing, or abandoned quarries or mines. Thus, the Mitigation:  No mitigation measures are required.	e are no kno proposed Proposed Proposed or designate expose peop	own active r oject would ed area or o le or propert	nining faci not result existing m y to hazard	lities in in an ine. In
Monitoring: No monitoring measures are required.				
NOISE Would the project result in				
Definitions for Noise Acceptability Ratings				
Where indicated below, the appropriate Noise Acceptabilin NA - Not Applicable  A - Generally Acceptable		has been ch B - Conditi		entable
C - Generally Unacceptable D - Land Use Discourage		B Condid	orially 7100	оршью
31. Airport Noise			$\boxtimes$	
a) 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?				
NA A B C D				
b) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the	Ш		Ш	$\boxtimes$
project area to excessive noise levels?				
NA A B C D				
Source: Riverside County General Plan Figure S-19 "Airpo Facilities Map, French Valley Airport Land Use Compatibility			Riverside A	Airport
Findings of Fact:  a) The nearest airport to the Project site is the French Valle 1.25 miles southwest of the Project site. As identified by	ey Airport, w	rhich is locat ich Valley A	ed approxi Airport Lan	mately d Use

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Compatibility Plan, Figure FV-3, the project site is well outsic would be a less than significant impact.	le the 55 CN	IEL contour.	Therefore	, there
b) There are no private airstrips located within the vicinity of would occur and no mitigation is required.	of the Projec	t site. Accor	dingly, no	impact
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
32. Railroad Noise NA ☑ A ☐ B ☐ C ☐ D ☐				
Source: Riverside County General Plan Figure C-1 "Circula Water, Oil and Natural Gas Pipelines Inventory Data", Thoma	ation Plan", S as Guide 20	S-21 "Rail Fa 05 Edition, S	icilities, Ava iite Visit	ailable
Findings of Fact:				
The proposed project site is not located within close vicinity impact will occur.	to an active	railroad line	and as su	ıch, no
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
33. Highway Noise NA				
Source: Application materials, Site Visit, Project Exhibit				
Findings of Fact:				
The project is located approximately located approximatel Route 79. Due to the distance from the highway and the impact is considered less than significant.				
Mitigation: No Mitigation measures are required.				
Monitoring: No monitoring measures are required.				
34. Other Noise NA ☑ A ☐ B ☐ C ☐ D ☐				
Source: Project description and materials				
Findings of Fact:				
Page 39 of 56				

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
No additional noise sources have been identified that amount of noise. There would be no impact.	would expose	the Project	to a sigr	nificant
Mitigation: No mitigation measures are required.  Monitoring: No monitoring measures are required.				
a) A substantial permanent increase in ambier noise levels in the project vicinity above levels existing without the project?				
b) A substantial temporary or periodic increase is ambient noise levels in the project vicinity above level existing without the project?			$\boxtimes$	
c) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	ai			
d) Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?	e 🗌			

<u>Source</u>: Riverside County General Plan, Table N-1 ("Land Use Compatibility for Community Noise Exposure"); United States Department of Housing and Urban Development Site DNL Calculator; Project Application Materials

#### Findings of Fact:

#### Fundamentals of Sound and Environmental Noise

Noise can be defined as unwanted sound. Sound (and therefore noise) consists of energy waves that people receive and interpret. Sound pressure levels are described in logarithmic units of ratios of sound pressures to a reference pressure, squared. These units are called bels. In order to provide a finer description of sound, a bel is subdivided into ten decibels, abbreviated dB. To account for the range of sound that human hearing perceives, a modified scale is utilized known as the A-weighted decibel (dBA). Since decibels are logarithmic units, sound pressure levels cannot be added or subtracted by ordinary arithmetic means. For example, if one automobile produces a sound pressure level of 70 dBA when it passes an observer, two cars passing simultaneously would not produce 140 dBA. In fact, they would combine to produce 73 dBA. This same principle can be applied to other traffic quantities as well. In other words, doubling the traffic volume on a street or the speed of the traffic will increase the traffic noise level by 3 dBA. Conversely, halving the traffic volume or speed will reduce the traffic noise level by 3 dBA. A 3 dBA change in sound is the beginning at which humans generally notice a barely perceptible change in sound and a 5 dBA change is generally readily perceptible.

Noise consists of pitch, loudness, and duration; therefore, a variety of methods for measuring noise have been developed. According to the California General Plan Guidelines for Noise Elements, the following are common metrics for measuring noise:

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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LEQ (Equivalent Energy Noise Level): The sound level corresponding to a steady-state sound level containing the same total energy as a time-varying signal over given sample periods. LEQ is typically computed over 1-, 8-, and 24-hour sample periods.

**CNEL (Community Noise Equivalent Level):** The average equivalent A-weighted sound level during a 24-hour day, obtained after addition of five decibels to sound levels in the evening from 7:00pm to 10:00pm and after addition of ten decibels to sound levels in the night from 10:00pm to 7:00am.

L<sub>DN</sub> (**Day-Night Average Level**): The average equivalent A-weighted sound level during a 24- hour day, obtained after the addition of ten decibels to sound levels in the night after 10:00pm and before 7:00am.

CNEL and LDN are utilized for describing ambient noise levels because they account for all noise sources over an extended period of time and account for the heightened sensitivity of people to noise during the night. LEQ is better utilized for describing specific and consistent sources because of the shorter reference period.

a) Permanent ambient noise impacts of the project would include typical sources of noise associated with residential land uses, but primarily would be a result in an increase in traffic on the project site and surrounding areas. Non-traffic related residential use noise would generally be compatible and would not be anticipated to substantially increase ambient noise levels on its own.

The project is estimated to generate a total of 323 average daily trips onto Benton Road with the majority of the trips assumed to be directed towards Winchester Road. Utilizing the United States Department of Housing and Urban Development Site DNL Calculator, based on the existing approximately 12,050 trips on Benton Road, existing noise levels are anticipated to be approximately 63.6 dBA CNEL at a distance of 100 feet and an assumed speed of 55 miles per hour as a worst case scenario. With the additional approximately 323 trips on Benton Road, noise would be anticipated to increase to 63.7 dBA CNEL, respectively. Increases in other area roadways that currently accommodate larger amounts of traffic (i.e. Winchester Road) would result in a lower increase in ambient levels of noise since the same level of traffic added to these roads represents a lower proportion of the existing traffic and resulting noise levels. Since the increase in ambient noise would be below the typical accepted threshold of 3 dBA to be barely perceptible, the impact to ambient noise levels would be less than significant.

b) The proposed project may create a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project during construction. Operationally, the project will result in noise sources typical of residential uses such as landscaping activities. These activities are common in the project area do not represent a substantial increase in periodic noise in the project vicinity. Periodic operational noise increase will be less than significant.

The project will result in temporary construction-related noise increases to on-site ground disturbing and construction activities. Construction noise levels vary, depending on the type and intensity of construction activity, equipment type and duration of use, and the distance between the noise sources and the receiver. Riverside County Ordinance 847 prohibits the creation of any sound, on any property that causes the exterior sound level property designated as "Residential" in the general plan to exceed 55 dBA Lmax between the hours of 7:00 AM and 10:00 PM or 45 dBA Lmax between the hours of 10:00 PM and 7:00 AM. However, construction is exempt from Ordinance 847 as long as it is limited to the hours of 6:00 AM to 6:00 PM during the months of June through September and

Potentially Significant Impact		Less Than Significant Impact	No Impact
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between the hours of 7:00 AM and 6:00 PM during the months of October through May (Sec 2.i.1,2). Project construction will comply with Ordinance 847. Noise levels associated with the various construction phases could reach 95 dBA to 50 feet. Temporary construction-related noise impacts will be less than significant with the implementation of existing regulations.

- Table N-1 of the Noise Element identifies guidelines to evaluate proposed developments c) based on exterior and interior noise level limits for land uses and requires a noise analysis to determine needed mitigation measures if necessary. The Noise Element identifies residential use as a noise-sensitive land use (N 1.3) and discourages new development in areas with 65 dBA CNEL or greater existing ambient noise levels. To prevent and mitigate noise impacts for its residents (N 1.5), the Noise Element requires noise attenuation measures for sensitive land uses exposed to noise levels higher than 65 CNEL. The intent of policy N 1.7 is to require a noise analysis for land uses impacted by unacceptably high noise levels and include mitigation measures be incorporated into project design. As noted previously, the existing and proposed noise levels from traffic generated by the project is not anticipated to exceed 65 dBA CNEL to existing sensitive residential areas along Benton Road. Other operational noise is not anticipated to substantially increase noise in the surrounding area. Also as noted previously, temporary noise impacts from construction are exempt from noise standards provided it occurs within the limited hours. Therefore, the project is not anticipated to expose people to noise levels in excess of standards established in the local general plan and impacts would be less than significant.
- d) Vibration is the movement of mass over time. It is described in terms of frequency and amplitude, and unlike sound there is no standard way of measuring and reporting amplitude. Groundborne vibration can be described in terms of displacement, velocity, or acceleration. Each of these measures can be further described in terms of frequency and amplitude. Displacement is the easiest descriptor to understand; it is simply the distance that a vibrating point moves from its static position. The velocity describes the instantaneous speed of the movement and acceleration is the instantaneous rate of change of the speed.

Although displacement is fundamentally easier to understand than velocity or acceleration, it is rarely used for describing groundborne vibration, for the following reasons: 1) human response to groundborne vibration correlates more accurately with velocity or acceleration; 2) the effect on buildings and sensitive equipment is more accurately described using velocity or acceleration; and, 3) most transducers used in the measurement of groundborne vibration actually measure either velocity or acceleration. For this study velocity is the fundamental measure used to evaluate the effects of groundborne vibration.

Common sources of vibration within communities include construction activities and railroads. Vibration can impact people, structures, and sensitive equipment. The primary concern related to vibration and people is the potential to annoy those working and residing in the area. Groundborne vibration can also disrupt the use of sensitive medical and scientific instruments such as electron microscopes. Vibration with high enough amplitudes can also damage structures (such as crack plaster or destroy windows). Structural damage is generally only of concern where large construction equipment is necessary to complete a development project (e.g. large bulldozers, vibratory pile drivers), where blasting is required, or where very old buildings are involved (e.g. ancient ruins). Groundborne vibration generated by construction projects is generally highest during pile driving or rock blasting. Next to pile driving, grading activity has some potential for structural vibration impacts if large bulldozers, large trucks, or other heavy equipment are used where very old structures are

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
present. Construction of the project does not require rock bla require use of heavy construction equipment.	asting or pile	driving. Gra	ading activit	ies will
Operation of the proposed project does not include uses that does not require pile driving or blasting to complete, there vicinity, and no research medical facilities in the vicinity scientific equipment. Potential impacts related to temporary	e are no and that could b	cient structu e using ser	res in the nsitive med	project ical or
The most vibration-causing piece of equipment that will like project is a vibratory roller. This machine can cause vibrati The closest sensitive receptor is located an average of 350 would generate an average level of 0.007 PPV. Continuous therefore this level of vibration will not be readily perceptible of vibration will not exceed the continuous threshold of 0.30 structures. Impacts will be less than significant.	on levels of feet from the ous vibration to area res	up to 0.021 center of the is perception idents. Furth	PPV at 10 ne project s ble at 0.01 nermore, thi	0 feet. ite that PPV; s level
Mitigation: No mitigation measures are required.  Monitoring: No monitoring measures are required.				
POPULATION AND HOUSING Would the project				
36. Housing  a) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				
b) Create a demand for additional housing, particularly housing affordable to households earning 80% or less of the County's median income?				
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	_			$\boxtimes$
<ul> <li>d) Affect a County Redevelopment Project Area?</li> <li>e) Cumulatively exceed official regional or local population projections?</li> </ul>				
f) 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)?				
Source: Project description and materials, GIS		,		
<ul><li>Findings of Fact:</li><li>a) The project site does not currently contain any ex</li></ul>	kisting dwelli	ings that wo	ould be rer	noved.
Therefore, the project will not displace substantial number construction of replacement housing elsewhere, and there is	ers of existing			

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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- b) The proposed project proposed the creation of 34 residential lots, and therefore is providing housing. The proposed project is not displacing affordable housing and is not anticipated to create a demand for additional housing, particularly housing affordable to households earning 80% or less of the County's median income. Therefore, this impact is considered less than significant.
- c) The project site does not currently contain any dwellings. Therefore, the proposed project will not displace substantial numbers of people, necessitating the construction of replacement housing elsewhere. Therefore, there is no impact.
- d) The proposed project site is not within a County Redevelopment Project Area; therefore, there is no impact.
- e) The proposed project will create proposed dwellings for approximately 102 persons. The projected population of the Community Development component within the Southwest Area Plan, as depicted in Table 2 "Statistical Summary", is 97,664 persons. Overall, the estimated population at build out is 118,113 within the Southwest Area Plan for all foundations. These statistics reflect the midpoint for the theoretical range of build-out projections. Therefore, the proposed project's dwellings is not anticipated to substantially cumulatively exceed official regional or local population projections. Therefore, this impact is considered less than significant.
- f) The implementation of the proposed project would not induce substantial population growth in the area, either directly or indirectly, beyond the growth anticipated by the County General Plan. The project site is currently served by electrical and telephone services, and water is available to the property by Eastern Municipal Water District. Therefore, the impact is considered less than significant.

Mitigation: No mitigation measures are required.

Monitoring: No monitoring measures are required.

**PUBLIC SERVICES** Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities or the need for new or physically altered governmental 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:

37. Fire Services

X

Source: Riverside County General Plan Safety Element, Riverside County Fire Department

#### Findings of Fact:

The Riverside County Fire Department provides fire protection services to the Project area. The proposed Project would primarily be served by the French Valley Station (Station No. 83), located approximately 1.75 miles southwest of the Project site at 37500 Sky Canyon Road. Thus, the Project site is adequately served by fire protection services under existing conditions.

Development of the proposed Project would affect fire protection services by placing an additional demand on existing Riverside County Fire Department resources should its resources not be

		<u> </u>		
	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
augmented. To offset the increased demand for fire prote to provide a minimum of fire safety and support fire supports and local fire codes and fire sprinklers. Furthermouth the provisions of the County's Development Impart Ordinance 659), which requires a fee payment to assist services. Payment of the DIF fee would ensure that the provision of additional public services, including fire protefacilities and/or equipment, to offset the incremental services that would be created by the Project.	oression activitione, the Project act Fee (DIF) (st the county in Project provection services,	es, including would be re Ordinance (I n providing t ides fair sha which may	compliant equired to d Riverside ( for fire pro are funds to be applied	ce with comply County tection for the to fire
Based on the foregoing analysis, implementation of the P physically altered fire protection facilities, and would not times for fire protections services. Therefore, there would <a href="Mitigation">Mitigation</a> : No mitigation measures are required.	exceed applical	ole service r	atios or res	new or sponse
Monitoring: No monitoring measures are required.				
Monitoring: No monitoring measures are required.  38. Sheriff Services			$\boxtimes$	
	ty Sheriff Depa	rtment		
38. Sheriff Services	ty Sheriff Depa	rtment		

Mitigation: No mitigation measures are required.

Monitoring: Nom monitoring measures are required.

39. Schools

Source: Temecula Valley Unified School District

# Findings of Fact:

The project will not physically alter existing facilities or result in the construction of new or physically altered facilities. The proposed project is located within the Temecula Valley Unified School District. This project has been conditioned to comply with School Mitigation Impact fees in order to mitigate the potential effects to school services (COA 80.PLANNING. 12). This is a standard condition of approval

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
and pursuant to CEQA is not considered mitigation. The significant.	refore, the in	npact is cons	sidered less	than
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
40. Libraries		<u></u>	$\boxtimes$	
Source: Riverside County General Plan				
Findings of Fact:				
The proposed project will not create a significant increment will not require the provision of new or altered government physically alter existing facilities or result in the construct. This project shall comply with County Ordinance No. 659 services. This is a standard requirement and is not consider the impact is considered less than significant.  Mitigation: No mitigation measures are required.	t facilities at tion of new o to mitigate	this time. The physically the potential	ne project wi altered faci effects to li	ill not lities. brary
Monitoring: No monitoring measures are required.				
41. Health Services				
Source: Riverside County General Plan				
Findings of Fact:				
The proposed project is for 34 single-family homes. T insignificant increase to the area and will not require expansional increase or hospitals. The proposed residential developed demand of such services. A less than significant impact will	nsion of any nent would i	other public	services suc	ch as
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
RECREATION	7 =11			
42. Parks and Recreation  a) Would the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the applicance of the construction.	l			
environment?  b) Would the project include the use of existing			$\boxtimes$	
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	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
neighborhood or regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				
c) Is the project located within a C.S.A. or recreation and park district with a Community Parks and Recreation Plan (Quimby fees)?				
Source: GIS, Ord. No. 460, Section 10.35, Ord. No. 659, Pa	ırks & Open	Space Depa	rtment Rev	/iew
Findings of Fact:				
a-c) The proposed project does include an approximate project's northern boundary. The proposed 34 single-fam public facilities but would not significantly increase use of eithe project is subject to park fees to support existing and find Ordinance No. 659 to offset any incremental impacts created interest of fees is not considered unique mitigation pursuant to C impact is anticipated and no mitigation measures are needed Mitigation: No mitigation is required.	ily home de existing recreuture public ated by the ecreation ar EQA. Thei	evelopment peational faciling recreation en project on an Parks Dist	oroject will ities. Additi fforts pursu area recre rict. The pa	utilize ionally, uant to ational ayment
Name tandon of Name at Australia and Australia				
Monitoring: No monitoring is required.				
43. Recreational Trails				
	pace and Co	onservation M	/lap for We	
43. Recreational Trails  Source: Riv. Co. 800 Scale Equestrian Trail Maps, Open Spanning Control of the Control			·	stern
43. Recreational Trails  Source: Riv. Co. 800 Scale Equestrian Trail Maps, Open Specific County trail alignments  Findings of Fact: There are no County Designated Recreation			·	stern
43. Recreational Trails  Source: Riv. Co. 800 Scale Equestrian Trail Maps, Open Specific County trail alignments  Findings of Fact: There are no County Designated Recreation project site. Therefore, there is no impact.			·	stern
43. Recreational Trails  Source: Riv. Co. 800 Scale Equestrian Trail Maps, Open Signature County trail alignments  Findings of Fact: There are no County Designated Recreating project site. Therefore, there is no impact.  Mitigation: No mitigation measures are required.			·	stern
43. Recreational Trails  Source: Riv. Co. 800 Scale Equestrian Trail Maps, Open Special County trail alignments  Findings of Fact: There are no County Designated Recreation project site. Therefore, there is no impact.  Mitigation: No mitigation measures are required.  Monitoring: No monitoring measures are required.			·	stern

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?				
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				
d) Alter waterborne, rail or air traffic?				$\boxtimes$
e) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)?				
f) Cause an effect upon, or a need for new or altered maintenance of roads?			$\boxtimes$	
g) Cause an effect upon circulation during the project's construction?			$\boxtimes$	
h) Result in inadequate emergency access or access to nearby uses?			$\boxtimes$	
i) Conflict with adopted policies, plans or programs regarding public transit, bikeways or pedestrian facilities, or otherwise substantially decrease the performance or safety of such facilities?				

<u>Source</u>: Riverside County General Plan, Riverside County Transportation Department, Institute of Transportation Engineers, Trip Generation Manual, 9<sup>th</sup> Edition, 2012, Project Materials

#### Findings of Fact:

- a) The proposed project will increase vehicular traffic. However, due to the relatively low amount of units proposed of 34 and the maximum peak hour trips anticipated to be 34 trips pursuant to the Institute of Transportation Engineers, Trip Generation Manual, the project does not met the threshold of 100 peak hour trips to justify a requirement for a traffic study. Although the project would create additional trips on the surrounding roads, such a low amount of peak hour trips would not be anticipated to result in any exceedance of capacity of a roadway or intersection. Therefore, the impact is considered less than significant.
- b) The congestion management program (CMP) applicable to the Project area is the Riverside County Transportation Commission's (RCTC) 2011 Riverside County Congestion Management Program. The nearest identified CMP facility to the Project site is Interstate 215. However, due to the relatively limited scope of the proposed Project, it is unlikely that a conflict would arise with the CMP, 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. Therefore, the project would have a less than significant impact.
- c) The proposed project will not change air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks. Therefore, there is no impact.
- d) The proposed project will not change or alter waterborne, rail, or air traffic. Therefore, there is no impact.

Potentially Significan Impact		Less Than Significant Impact	No Impact
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- e) The proposed project will not substantially increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment). Therefore, there is no impact.
- f) The proposed project will cause a need for new or altered maintenance of roads with the additional onsite and frontage improvements proposed. However, the project has been conditioned to provide for all street improvements, street improvement plans and/or road dedication in accordance with Ordinance 460. The project has been conditioned to prepare improvement plans, which extend 300 feet beyond the project boundaries, for the required improvements. The scope of these improvements is in accordance with existing standards and the surrounding improvements for the street. Therefore, the project would not require substantially altered maintenance of roads and impacts would be considered less than significant.
- g) During Project construction, roadway segments and intersections may be temporarily affected and temporary construction detours may be necessary. However, the effect to circulation is not anticipated to be substantial with implementation of standard requirements for submittal of a temporary traffic control plan which is subject to review and approval by the Transportation Department based on applicable requirements of the California Manual on Uniform Traffic Control Devises to ensure traffic will not be unduly impacted during construction. Therefore, the impact is considered less than significant.
- h) The proposed project is not anticipated to result in inadequate emergency access or access to nearby uses. The project includes one primary access point and an emergency only secondary access onto Benton Road. The project has been conditioned to make road improvements that will allow for access to the site and would not affect emergency access for existing developed properties. Therefore, this impact is considered less than significant.
- i) The proposed project will not conflict with adopted policies supporting alternative transportation (e.g. bus turnouts, bicycle racks). Although the project does not specifically propose any bus turnouts, bicycle trails, or similar alternative transportation features; no such features were requested from RTA nor are any trails designated within or adjacent to the project site in the General Plan to require such features to connect with existing and planned alternative transportation networks. Therefore, there is no impact.

Mitigation: No mitigation measures are required.

Monitoring: No monitoring measures are required

45.	Bike Trails			

Source: Riverside County General Plan

#### Findings of Fact:

There are no County Designated bike trails within or adjacent to the project site. Therefore, there is no impact

Mitigation: No mitigation measures are required.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Monitoring: No monitoring measures are required.				
UTILITY AND SERVICE SYSTEMS Would the project				
46. Water  a) Require or result in the construction of new water treatment facilities or expansion of existing facilities, the construction of which would cause significant environmental effects?				
b) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?			$\boxtimes$	
Source: Department of Environmental Health Review				
Findings of Fact:				
treatment facilities. The project has provided Will-Serve letter indicating that adequate water supplies through existing fact project pending final engineering for connection to existing wand payment of applicable connection fees. Any future concumulative effects of the project and surrounding project environmental standards. Impacts are considered less than substituting the project has sufficient water supplies available to its EMWD and will not require new or expanded entitlements. The from EMWD indicating that adequate water supplies and entitle projected building and population for their service Management Plan. Impacts are considered less than significating that adequate water supplies and entitle projected building and population for their service management Plan. Impacts are considered less than significant projected building and population for their service management Plan.	illities are in /ater supply struction of ects will h significant. establishments of he project he atitlements of area as d	place to se lines located new facilitie ave to med ent and is cu as provided exist from the	rve the prod in Bentor s required et all app rrently serve district to	pposed n Road by the licable wed by letters serve
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
47. Sewer  a) Require or result in the construction of new wastewater treatment facilities, including septic systems, or expansion of existing facilities, the construction of which would cause significant environmental effects?				
b) Result in a determination by the wastewater treatment provider that serves or may service the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?				

				<del></del>
	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Source: Department of Environmental Health Review	···· <u>-</u>			
Findings of Fact:				
a) The project will not require or result in the construction of project has provided Will-Serve letters from Eastern Munic adequate sewer capacity through existing facilities are in plantal engineering for connection to existing sewer lines applicable connection fees. The project will not result in facility or expansion to an existing wastewater treatment significant.	ipal Water D ace to serve ocated in Bo the need for	istrict (EMW the propose enton Road a new wast	D) indicatir d project pa and paym ewater trea	ng that ending ent of atment
b) The project will not require a determination from a was processing capacity is available. The project has provided that adequate sewer capacity through existing facilities ar pending final engineering for connection to existing sewer life of applicable connection fees. Impacts are considered less	l Will-Serve re in place to ines located	letters from loserve the in Benton Ro	EMWD ind proposed	icating project
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
48. Solid Waste			$\boxtimes$	
a) Is the project served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?				
b) Comply with federal, state, and local statutes and regulations related to solid wastes (including the CIWMP (County Integrated Waste Management Plan)?	<del></del>			
Source: Riverside County General Plan, Letter from Rivers November 30, 2005	ide County V	Vaste Manaç	ement dat	ed
Findings of Fact:				
a) Construction and operation of the proposed Project would requiring disposal at a landfill. The Riverside County Waste landfills that serve Riverside County residents. During the March 31), waste collected from unincorporated portions of of at one of four facilities: Badlands Landfill, Blythe Landfill Landfill. Due to the Project's location, it is anticipated that and long-term operation would be disposed of at Badlands Canyon Landfill. These landfills have a permitted daily disposed.	Managemen first quarter western Riv I, El Sobrant solid waste ç Landfill, El S	nt Department of 2015 (Ja erside Count e Landfill, ar generated du obrante Land	It operates anuary 1 the ty were dis and Lamb Couring construction and/or and/or	six (6) prough posed anyon ruction Lamb

tons per day. Therefore, the proposed Project would be served by landfills with adequate capacity to accommodate the Project's solid waste needs during both construction and long-term operation, and

there will be a less than significant impact.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	---------------------------------------	--------------

b) The California Integrated Waste Management Act (Assembly Bill (AB) 939), signed into law in 1989, established an integrated waste management system that focused on source reduction, recycling, composting, and land disposal of waste. In addition, the bill established a 50% waste reduction requirement for cities and counties by the year 2000, along with a process to ensure environmentally safe disposal of waste that could not be diverted. Per the requirements of the Integrated Waste Management Act, the Riverside County Board of Supervisors adopted the Riverside Countywide Integrated Waste Management Plan (CIWMP)(adopted January 14, 1997), which outlines the goals, policies, and programs the County and its cities will implement to create an integrated and cost effective waste management system that complies with the provisions of AB 939 and its diversion mandates.

In order to assist the County of Riverside in achieving the mandated goals of the Integrated Waste Management Act, the Project Applicant would be required to work with future refuse haulers to develop and implement feasible waste reduction programs, including source reduction, recycling, and composting. Additionally, in accordance with the California Solid Waste Reuse and Recycling Act of 1991, the Project would provide adequate areas for collecting and loading recyclable materials where solid waste is collected. The collection areas are required to be shown on construction drawings and be in place before building permit final inspection. The implementation of these requirements would reduce the amount of solid waste generated by the Project, which in turn would aid in the extension of the life of affected disposal sites. As such, the Project would comply with mandates of applicable solid waste statutes and regulations and impacts would be less than significant.

Mitigation: No mitigation is required.

Monitoring: No monitoring is required.

#### 49. Utilities

a) Would the project impact the following facilities requiring or resulting in the construction of new facilities or the expansion of existing facilities; the construction of which could cause significant environmental effects?

a) Electricity?	. 🗆	$\boxtimes$	
b) Natural gas?		$\boxtimes$	
c) Communications systems?		$\boxtimes$	
d) Storm water drainage?		$\boxtimes$	
e) Street lighting?		$\boxtimes$	
f) Maintenance of public facilities, including roads?			$\overline{\boxtimes}$
g) Other governmental services?			$\overline{\boxtimes}$

Source: Riverside County General Plan

#### Findings of Fact:

a-g) Implementation of the proposed Project would require the construction of numerous facilities as necessary to provide services to the site, including electrical facilities, natural gas lines, communication systems (telephone/cable), storm water drainage facilities, and street lighting. Impacts associated with the provision of utility service to the site are discussed below for each utility.

Electricity, Natural Gas, and Communications Systems

Potentially	Less than	Less	No
Significant	Significant	Than	Impact
Impact	with	Significant	
	Mitigation	Impact	
	Incorporated		

Electrical service is currently available in the Project area and would be provided by Southern California Edison (SCE), natural gas would be provided by Southern California Gas Company, and communication systems would be provided by Verizon. Although the project does not depict proposed electricity, natural gas, or communication systems facilities, as these would be identified in the future as part of implementing improvement plans, due to the presence of existing industrial uses to the west and south of the site, it can reasonably be concluded that these facilities exist in the Project area. Any necessary connections to these existing points of connection would occur either on-site, or within off-site improved rights-of-way. Physical impacts associated with the construction of such facilities are evaluated throughout this environmental assessment. Where necessary, mitigation measures have been identified to reduce identified impacts as a result of the overall project construction to a level below significance. However, specific construction of electrical, natural gas, and communication systems to serve the project are not anticipated to have any significant impacts that would require mitigation. Accordingly, impacts due to the construction of new electrical facilities, natural gas lines, and communication systems as necessary to serve the Project would be less than significant.

### Street Lighting

In accordance with Riverside County requirements, street lights would be provided along all roadways planned for improvement by the Project. Impacts associated with the construction of street lights have been evaluated in association with the physical impact of on- and off-site roadway construction throughout this environmental assessment. Any impacts due to construction of street lights would be less than significant.

### Storm Water Drainage

All proposed improvements would occur entirely within the Project boundary or immediately adjacent to the Project boundary. Areas subject to physical impacts in association with the construction of storm water drainage facilities as needed to serve the proposed Project have been analyzed throughout this environmental assessment. Where necessary, mitigation measures have been identified to reduce identified impacts as a result of the overall project construction to a level below significance. However, specific construction of storm drain facilities to serve the project are not anticipated to have any significant impacts that would require mitigation. Accordingly, impacts due to the construction of Project-related storm drainage facilities are less than significant and no mitigation is required.

### <u>Public Facilities Maintenance</u>

There would be no impacts to the environment resulting from routine maintenance of public roads or the water quality basin. These activities would be limited in their scope in terms of vehicle trips, equipment utilized, and any indirect impacts that any impacts could not be determined to be significant. Accordingly, no impact would occur and no mitigation is required.

#### Other Governmental Services

There are no other governmental services or utilities needed to serve the proposed Project beyond what is evaluated and disclosed above and throughout the remaining sections of this Initial Study. Accordingly, no impact would occur.

Mitigation:	No mitigation measures are required.
Monitoring:	No monitoring measures are required.

50.	<b>Energy Conservation</b>	1	 ] [	7	$\square$	$\overline{\Box}$	
			 <u>.</u>		VV		

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impac
a) Would the project conflict with any adopted energonservation plans?	rgy			
Source:				
Findings of Fact:				
<u>Findings of Fact</u> : Project implementation would result existing, undeveloped condition to 34 single-family residence the site's demand for energy. Specifically, the performance of energy for space and water heating, air conditioning equipment and appliances.	dential units. T roposed Projec	his land use twould incre	transition	would mption
Planning efforts by energy resource providers take into acterm availability of energy resources necessary to service would develop the site in a manner consistent with the Conformation that the property; thus, energy demands associated with long-range planning by energy purveyors and can be Project implementation is not anticipated to result in the existing energy generation facilities, the construction of effects.	ce anticipated of County's Genera the proposed P accommodate a need for the	growth. The al Plan land troject are ad d as they d construction	proposed F use design ddressed th occur. The or expans	Project nations nrough refore, sion of
Furthermore, the State of California regulates energy of Code of Regulations. The Title 24 Building Energy Efficie and apply to energy consumed for heating, cooling, veresidential and non-residential buildings. Adherence to "maximum feasible" reduction in unnecessary energy cooperation of the proposed Project would not conflict with impacts would be less than significant.	ency Standards ntilation, water these efficiency onsumption. As	were developments were development with the development with the development were developme	oped by the d lighting i would resu developmei	e CEC n new ilt in a nt and
Mitigation: No mitigation measures are required.				
Monitoring: No monitoring measures are required.				
MANDATORY FINDINGS OF SIGNIFICANCE  51. Does the project have the potential to substantial degrade the quality of the environment, substantial reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below se sustaining levels, threaten to eliminate a plant animal community, reduce the number or restrict the trange of a rare, or endangered plant or animal eliminate important examples of the major periods California history or prehistory?	ully se elf- or he to			

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117				
	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Findings of Fact:				
As indicated in the discussion and analysis of Biological Re (Section 8), Archaeological Resources (Section 9), and Finplementation of the proposed project would not sultenvironment, substantially reduce the habitat of fish or wildliations to drop below self-sustaining levels, threaten to elimeduce the number or restrict the range of a rare or endanger examples of the major periods of California history or pasignificant.	Paleontologi bstantially ife species, iminate a pl red plant or	cal Resourd degrade the cause a fish lant or anim animal, or el	ces (Section of quality of wildlife al communicate impliminate implication	on 10), of the popu- nity, or portant
52. Does the project have impacts which are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of an individual project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects as defined in California Code of Regulations, Section 15130)?				
Source: Staff review, project application				
Findings of Fact:				
There are no other cumulatively considerable impacts associanot already evaluated and disclosed throughout this environmergarding air quality and greenhouse gas emissions that have cumulative impacts as well as hydrology and traffic impacts the planned development of the area and the specific respective overall area in a cumulative manner.  53. Does the project have environmental effects that will cause substantial adverse effects on human beings.	nental asses e establishe hat consider	ssment, in pa d thresholds the existing	articular to conside and currer	er
cause substantial adverse effects on human beings, either directly or indirectly?				
Source: Staff review, project application				
Findings of Fact:				
The Project's potential to result in substantial adverse effect throughout this environmental assessment. There are no con in substantial adverse effects on human beings that are throughout this environmental assessment. Accordingly, particular regarding air quality and greenhouse gas emission.	mponents o e not alrea no addition	f this project dy evaluate al impacts	that could d and dis would occ	result closed cur, in

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consider cumulative impacts as well as hydrology and traffic impacts that consider the existing and

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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currently planned development of the area and the specific respective drainage and traffic impacts to the overall area in a cumulative manner.

#### VI. EARLIER ANALYSES

Earlier analyses 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 as per California Code of Regulations, Section 15063 (c) (3) (D). In this case, a brief discussion should identify the following:

Earlier Analyses Used, if any:

Location Where Earlier Analyses, if used, are available for review:

Location:

County of Riverside Planning Department

4080 Lemon Street, 9th Floor

Riverside, CA 92505

\\agency\AgencyDFS\\Plan\\FILES\\Planning Case Files-Riverside office\\SP00106A16-AG\\DH-PC-BOS Hearings\\EA40350.doc

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#### Riverside County LMS CONDITIONS OF APPROVAL

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Parcel: 963-010-009

SPECIFIC PLAN Case #: SP00106AG

10. GENERAL CONDITIONS

EVERY DEPARTMENT

10. EVERY. 1 SPA - Amendment Description

RECOMMND

This Specific Plan Amendment alters the land use designation of APN 963-010-006 from Very Low Density Residential (VLDR) and Rural Residential (RR) to Low Density Residential (LDR).

10. EVERY. 2 SPA - Replace all previous

RECOMMND

This Specific Plan Amendment is intended to replace the original SPECIFIC PLAN, and all amendments and substantial conformances to the SPECIFIC PLAN. All future developments within the SPECIFIC PLAN, whether or not they have a direct correlation to this Amendment, will inherit these conditions. The original SPECIFIC PLAN and all previous amendments and substantial conformances to the SPECIFIC PLAN will be electronically "locked" so that all future land development applications comply with the following conditions:

10 EVERY. 3 SP - SP Document

RECOMMND

Specific Plan No. 106 Amendment No. 16 shall include the following:

- a. Specific Plan Document, which shall include:
  - Board of Supervisors Specific Plan Resolution including the Mitigation Reporting/Monitoring Program
  - 2. Conditions of Approval.
  - 3. Specific Plan Zoning Ordinance.
  - 4. Land Use Plan in both 8 1/2" x 11" black-and-white and 11" x 17" color formats.
  - 5. Specific Plan text.
  - 6. Descriptions of each Planning Area in both graphical and narrative formats.
- b. Final Environmental Impact Report No. 40350 Document, which must include, but not be limited to, the following items:
  - 1. Mitigation Monitoring/Reporting Program.
  - 2. Draft EIR
  - 3. Comments received on the Draft EIR either verbatim or in summary.

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SPECIFIC PLAN Case #: SP00106AG

10. GENERAL CONDITIONS

10. EVERY. 3 SP - SP Document (cont.)

RECOMMND

- 4. A list of person, organizations and public agencies commenting on the Draft EIR.
- 5. Responses of the County to significant environmental point raised in the review and consultation process.
- 6. Technical Appendices

If any specific plan conditions of approval differ from the specific plan text or exhibits, the specific plan conditions of approval shall take precedence.

10 EVERY. 4 SP - Definitions

RECOMMND

The words identified in the following list that appear in all capitals in the attached conditions of Specific Plan No. 106 shall be henceforth defined as follows:

SPECIFIC PLAN = Specific Plan No. 106, Amendment No. 17.

GENERAL PLAN AMENDMENT = General Plan Amendment No. 1219.

CHANGE OF ZONE = Change of Zone No. 7214.

TENTATIVE TRACT MAP = Tentative Tract Map No. 32323.

EA = Environmental Assessment No. 40350.

10. EVERY. 5 SP - Ordinance Requirements

RECOMMND

The development of the property shall be in accordance with the mandatory requirements of all Riverside County ordinances including Ordinance Nos. 348 and 460 and state laws; and shall conform substantially with the adopted SPECIFIC PLAN as filed in the office of the Riverside County Planning Department, unless otherwise amended.

10. EVERY. 6 SP - Limits of SP DOCUMENT

RECOMMND

No portion of the SPECIFIC PLAN which purports or proposes to change, waive or modify any ordinance or other legal requirement for the development shall be considered to be part of the adopted specific plan. Notwithstanding of above, the design guidelines and development standards of the SPECIFIC PLAN or hillside development and grading shall apply in place of more general County guidelines and standards.

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#### 10. GENERAL CONDITIONS

#### 10. EVERY. 7 SP - HOLD HARMLESS

RECOMMND

The applicant/permittee or any successor-in-interest shall defend, indemnify, and hold harmless the County of Riverside or its agents, officers, and employees (COUNTY) from the following:

- (a) any claim, action, or proceeding against the COUNTY to attack, set aside, void, or annul an approval of the COUNTY, its advisory agencies, appeal boards, or legislative body concerning the SPECIFIC PLAN; and,
- (b) any claim, action or proceeding against the COUNTY to attack, set aside, void or annul any other decision made by the COUNTY concerning the SPECIFIC PLAN, including, but not limited to, decisions made in response to California Public Records Act requests.

The COUNTY shall promptly notify the applicant/permittee of any such claim, action, or proceeding and shall cooperate fully in the defense. If the COUNTY fails to promptly notify the applicant/permittee of any such claim, action, or proceeding or fails to cooperate fully in the defense, the applicant/permittee shall not, thereafter, be responsible to defend, indemnify or hold harmless the COUNTY.

The obligations imposed by this condition include, but are not limited to, the following: the applicant/permittee shall pay all legal services expenses the COUNTY incurs in connection with any such claim, action or proceeding, whether it incurs such expenses directly, whether it is ordered by a court to pay such expenses, or whether it incurs such expenses by providing legal services through its Office of County Counsel.

#### BS GRADE DEPARTMENT

10.BS GRADE. 2 SP-GSP-1 ORD. NOT SUPERSEDED

RECOMMND

Anything to the contrary, proposed by this Specific Plan, shall not supersede the following: All grading shall conform to the California Building code, County General Plan, Ordinance 457 and all other relevant laws, rules and regulations governing grading in Riverside County.

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#### 10. GENERAL CONDITIONS

10.BS GRADE. 3 SP-GSP-2 GEO/SOIL TO BE OBEYED

RECOMMND

All grading shall be performed in accordance with the recommendations of the included -County approvedgeotechnical/soils reports for this Specific Plan.

10.BS GRADE. 4 SP-ALL CLEARNC'S REQ'D B-4 PMT RECOMMND

Prior to issuance of a grading permit, all certifications affecting grading shall have written clearances. This includes, but is not limited to, additional environmental assessments, erosion control plans, geotechnical/soils reports, and departmental clearances.

10.BS GRADE, 5 SP-NO GRADING & SUBDIVIDING

RECOMMND

If grading of the entire - or any portion there of -Specific Plan site is proposed, UNDER A SUBDIVISION OR LAND USE CASE ALREADY APPROVED FOR THIS SPECIFIC PLAN, at the same time that application for further subdivision of any of its parcels is being applied for, an exception to Ordinance 460, Section 4.5.B, shall be obtained from the Planning Director, prior to issuance of the grading permit (Ord. 460 Section 3.1). THIS EXCEPTION WILL NOT APPLY TO ANY CASE HAVING ONLY AN APPROVED SPECIFIC PLAN.

#### E HEALTH DEPARTMENT

#### 10.E HEALTH. 1 SP#106 - GENERAL COMMENTS

RECOMMND

Department of Environmental Health (DEH) has reviewed Specific Plan#106 Amendment 18 and has no objections. All proposed development under SP#106 will obtain Eastern Municipal Water District (EMWD) water and sewer service. Per Memorandum of Understanding (MOU) between the County of Riverside and EMWD, no "will-serve" letters are required for water and sewer service. All existing wells and/or septic systems must be properly removed under appropriate permits with DEH.

Any hazardous materials issues including but not limited to the review of Phase I and Phase II studies will be subject to the approval of the County of Riverside, Hazardous Materials Management Division (HMMD). Moreover, any noise issues will be subject to the review and approval of the County of Riverside, Industrial Hygiene Program.

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10. GENERAL CONDITIONS

FIRE DEPARTMENT

10.FIRE. 1 SP-#71-ADVERSE IMPACTS

RECOMMND

on the Fire Department's ability to provide an acceptable level of service. These impacts include an increased number of emergency and public service calls due to the increased presence of structures and population. The project proponents/develoers shall participate in the development Impact fee program as adopted by the Riverside County Board of Supervisors to mitigate a portion of these impacts. This will provide funding for capitol improvements such as land/equipment purchases and fire station construction.

The Fire Department reserves the right to negotiate developer agreements associated with the development of land and/or construction of fire facilities to meet service demands through the regional integrated fire protection response system.

10.FIRE. 2 SP-#86-WATER MAINS

RECOMMND

All water mains and fire hydrants providing required fire flows shall be constructed in accordance with the appropriate sections of Riverside County Ordinance 460 and/ORD.787 and the California Fire Code, subject to the approval by the Riverside County Fire Department.

10.FIRE. 3 SP-#96-ROOFING MATERIAL

RECOMMND

All buildings shall be constructed with fire retardant roofing material as described in the California Fire Code Any wood shingles or shakes shall have a Class A rating and shall be approved by the Fire Department prior to installation.

10.FIRE. 4 SP-#95-HAZ FIRE AREA

RECOMMND

The specific plan is located in the "Hazardous Fire Area" of Riverside County as shown on a map on file with the Clerk of the Board of Supervisors. Any building constructed on lots created by this project shall comply with the special construction provisions contained in Riverside County Ordinance 787.

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10. GENERAL CONDITIONS

10.FIRE. 5 SP-#97-OPEN SPACE

RECOMMND

Prior to approval of any development for lands adjacent to open space areas, a fire protection/vegetaion management (fuel modificatin) plan shall be submitted to the Riverside County Fire Department for reveiw and approval. The Homeowner's Association or appropriate management entity shall be responsible for maintaining the elements to the plan.

10 FIRE. 6 SP\*-#100-FIRE STATION

RECOMMND

Based on the adopted Riverside County Fire Protection Master Plan, one new fire station and/or engine company could be required for every 2,000 new dwelling units, and/or 3.5 million square feet of commercial/industrial occupancy. Given the project's proposed development plan, up to \_ fire station(s) MAY be needed to meet anticipated service demands. The Fire Department reserves the right to negotiate developer agreements associated with the development of land and/or construction of fire facilities to meet service demands through the rgional intergrated fire protection response system.

10 FIRE. 7 SP-#101-DISCL/FLAG LOT

RECOMMND

- 1) FLAG LOTS WILL NOT BE PERMITTED BY THE FIRE DEPARTMENT.
- ) This project lies within the VERY HIGH FIRE HAZARD SEVERITY ZONE.
- 3) A fire fuel analysis of the open space/wildlands within and outside the project area may be required prior to submitting a fuel modification plan.

NOTICE:

The transferor of real property shall disclose to the transferee that this project lies within a VERY HIGH FIRE HAZARD area.

10.FIRE. 8 SP-#47 SECONDARY ACCESS

RECOMMND

In the interest of Public Safety, the project shall provide an Alternate or Secondary Access(s) as stated in the Transportation Department Conditions. Said Alternate or Secondary Access(s) shall have concurrence and approval of both the Transportation and Fire Departments and shall be maintained through out any phasing.

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10. GENERAL CONDITIONS

FLOOD RI DEPARTMENT

10.FLOOD RI. 1 MAP FLOOD HAZRD REPORT

DRAFT

The District does not object to this proposal.

10.FLOOD RI. 1 SP FLOOD HAZARD REPORT

RECOMMND

Specific Plan 106, Amendment No. 16, is a proposal to amend approved Specific Plan 106 to modify a portion (approximately 7.1 acres) of Very Low Density Residential (VLDR) and 12.9 acres of Rural Residential (RR) to Medium Density Residential (MDR). The project t is located in the Rancho California area north of Auld Road, east of Leon Road, south of Benton Road and west of Van Gaale Lane. The Specific Plan Amendment is currently being processes with Parcel Map No. 30790 and Tract 32323.

Since the proposal is to change the land use only, the District does not object to this amendment to the Specific Plan. The District will issue specific recommended condition of approval for these cases associated with this planning area.

PLANNING DEPARTMENT

10.PLANNING. 2 SP - NO P.A. DENSITY TRANSFER

RECOMMND

Density transfers between Planning Areas within the SPECIFIC PLAN shall not be permitted, except through the Specific Plan Amendment process.

20. PRIOR TO A CERTAIN DATE

PLANNING DEPARTMENT

20.PLANNING. 1 SP - 90 DAYS TO PROTEST

RECOMMND

The applicant has ninety (90) days from the date of the approval of these conditions to protest, in accordance with the procedures set forth in Government Code Section 66020, the imposition of any and all fees, dedications, reservations, and/or exactions imposed on this project as a result of the approval or conditional approval of this project.

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30. PRIOR TO ANY PROJECT APPROVAL

PLANNING DEPARTMENT

30.PLANNING. 1 SP - M/M PROGRAM (GENERAL)

RECOMMND

Prior to the approval of any implementing project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"The EA prepared for the SPECIFIC PLAN imposes specific mitigation measures and monitoring requirements on the project. Certain conditions of the SPECIFIC PLAN and this implementing project constitute reporting/monitoring requirements for certain mitigation measures."

30 PLANNING. 2 SP - NON-IMPLEMENTING MAPS

RECOMMND

Prior to the approval of any implementing project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"A land division filed for the purposes of phasing or financing shall not be considered an implementing development application for the purposes of the Planning Department's conditions of approval.

Should this project be an application for phasing or financing, all of the other conditions in this implementing project with a prefix of "SP" will be considered as NOT APPLICABLE, and this condition shall be considered as MET. Should this project not be an application for phasing or financing, this condition shall be considered as NOT APPLICABLE."

30.PLANNING. 4 SP - SUBMIT FINAL DOCUMENTS

RECOMMND

Prior to the approval of ny implementing project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"Fifteen (15) copies of the final SPECIFIC PLAN and EIR documents (SP/EIR) documents shall be submitted to the Planning Department for distribution. The documents shall include all the items listed in the condition titled "SP - Documents". The final SP/EIR documents shall be distributed in the following fashion:

SPECIFIC PLAN Case #: SP00106AG

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#### 30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 4 SP - SUBMIT FINAL DOCUMENTS (cont.)

RECOMMND

Building and Safety Department	1	сору
Department of Environmental Health	1	сору
Fire Department	1	сору
Flood Control and Water Conservation	1	сору
Eastern Municipal Water District		copy
Transportation Department		copy
County Planning Department in Riverside		copy
Riverside County Planning Department in Indio		copies
Executive Office - CSA Administrator		copies
Clerk of the Board of Supervisors	1	сору

Any and all remaining documents shall be kept with the Planning Department in Riverside, or as otherwise determined by the Planning Director.

This condition cannot be DEFERRED or considered as NOT APPLICABLE."

#### 30 PLANNING. 5 SP - PROJECT LOCATION EXHIBIT

RECOMMND

Prior to the approval of any implementing project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"The applicant shall provide to the Planning Department an  $8\ 1/2$ " x 11" exhibit showing where in the SPECIFIC PLAN this project is located. The exhibit shall also show all prior implementing projects within the SPECIFIC PLAN that have already been approved.

This condition shall be considered MET once the applicant provides the Planning Department with the required information. This condition may not be DEFERRED."

### 30.PLANNING. 6 SP - ACOUSTICAL STUDY REQD

RECOMMND

Prior to the approval of any implementing project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"PRIOR TO PROJECT APPROVAL, an acoustical study shall be submitted to the Planning Department and the Department of Environmental Health - Industrial Hygene Division for

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Parcel: 963-010-009

#### 30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 6 SP - ACOUSTICAL STUDY REQD (cont.)

RECOMMND

review and approval.

This condition shall be considered MET if the relevant study has been approved by the Planning Department and the Department of Environmental Health-Industrial Hygene Division. This condition may be considered as NOT APPLICABLE if the Planning Department determines that the required study is not necessary.

The submittal of this study mandates that a CEQA determination of an Addendum to a previously adopted EIR be made, at a minimum."

#### 30 PLANNING. 8 SP - ARCHAEO STUDY REQD

RECOMMND

Prior to the approval of any implementing project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"PRIOR TO PROJECT APPROVAL, a archaeological study shall be submitted to the Planning Department for review and approval.

his condition shall be considered MET if the relevant study has been approved by the Planning Department. This condition may be considered as NOT APPLICABLE if the Planning Department determines that the required study is not necessary.

The submittal of this study mandates that a CEQA determination of an Addendum to a previously adopted EIR be made, at a minimum."

## 30.PLANNING. 9 SP - BIOLOGICAL STUDY REQD

RECOMMND

Prior to the approval of any implementing project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"PRIOR TO PROJECT APPROVAL, a biological study shall be submitted to the Planning Department for review and approval.

This condition shall be considered MET if the relevant

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#### 30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 9 SP - BIOLOGICAL STUDY REQD (cont.)

RECOMMND

study has been approved by the Planning Department. This condition may be considered as NOT APPLICABLE if the Planning Department determines that the required study is not necessary.

The submittal of this study mandates that a CEQA determination of an Addendum to a previously adopted EIR be made, at a minimum."

## 30.PLANNING. 11 SP - EA REQUIRED

RECOMMND

Prior to the approval of any implementation project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"If this implementing project is subject to the California Environmental Quality Act (CEQA), an environmental assessment shall be filed and processed concurrently with this implementing project. At a minimum, the environmental assessment shall utilize the evaluation of impacts addressed in the EIR prepared for the SPECIFIC PLAN.

This condition shall be considered as MET if an environmental assessment was conducted for this implementing project. This condition may be considered as NOT APPLICABLE if this implementing project is not subject to CEQA. This condition may not be DEFERRED."

#### 30.PLANNING. 14 SP - COMPLETE CASE APPROVALS

RECOMMND

Prior to the approval of any implementing project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"Prior to the approval of any implementing project (tract map, parcel map, use permit, plot plan, etc.) the SPECIFIC PLAN, the GPA, the CHANGE OF ZONE, and the EIR must have been approved, adopted, and certified by the Board of Supervisors, respectively.

This condition shall be considered as MET once the SPECIFIC PLAN, the GPA, the CHANGE OF ZONE, and the EIR have been approved, adopted, and certified by the Board of

SPECIFIC PLAN Case #: SP00106AG

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#### 30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 14 SP - COMPLETE CASE APPROVALS (cont.)

RECOMMND

Supervisors, repectively. This condition may not be DEFERRED."

30.PLANNING. 15 SP - AMENDMENT REQUIRED

RECOMMND

Prior to the approval of any implementing project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"If this implementing project meets any of the following criteria, an amendment to the SPECIFIC PLAN shall be required and processed concurrently with this implementing project:

- The implementing project adds any area to, or deletes area from, the SPECIFIC PLAN;
- 2. The implementing project proposes a substantially different use than currently allowed in the SPECIFIC PLAN (i.e. proposing a residential use within a commercially designated area); or
- 3. as determined by the Planning Director.

Any amendment to the SPECIFIC PLAN, even though it may affect only one portion of the SPECIFIC PLAN, shall be accompanied by a complete specific plan document which includes the entire specific plan, including both changed and unchanged parts.

This condition shall be considered MET if the specific plan amendment has been filed, and NOT APPLICABLE if a specific plan amendment is determined to be unnecessary."

## 30.PLANNING. 16 SP - PARK AGENCY REQUIRED

RECOMMND

Prior to the approval of any implementing land division project within the SPECIFIC PLAN (i.e. tract map, or parcel map), the following condition shall be placed on the implementing project:

"PRIOR TO MAP RECORDATION of any subdivision, or other residential development application, all portions of this implementing project not currently within the boundaries of the Valley-Wide Recreation and Park District, shall be

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#### 30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 16 SP - PARK AGENCY REQUIRED (cont.)

RECOMMND

annexed into the Valley-Wide Recreation and Park District or a similar entity such as a County Service Area/District that has been designated by the Board of Supervisors, pursuant to Section 10.35(G) of Ordinance No. 460, to receive park dedications and fees. Documentation of said annexation shall be provided to the Planning Department.

This condition shall be considered as NOT APPLICABLE if Valley-Wide Recreation and Parks District is unwilling or unable to annex the property in question."

30.PLANNING. 19 SP - COMMON AREA MAINTENANCE

RECOMMND

Prior to the approval of any implementing land division project within the SPECIFIC PLAN (i.e. tract map or parcel map), the following condition shall be placed on the implementing application:

"PRIOR TO MAP RECORDATION, the following procedures for common area maintenance procedures shall be complied with:

- a. A permanent master maintenance organization shall be established for the specific plan area, to assume ownership and maintenance responsibility for all common recreation, open space, circulation systems and landscaped areas. The organization may be public or private. Merger with an area-wide or regional organization shall satisfy this condition provided that such organization is legally and financially capable of assuming the responsibilities for ownership and maintenance. If the organization is a private association then neighborhood associations shall be established for each residential development, where required, and such associations may assume ownership and maintenance responsibility for neighborhood common areas.
- b. Unless otherwise provided for in these conditions of approval, common open areas shall be conveyed to the maintenance organization as implementing development is approved or any subdivision as recorded.
- c. The maintenance organization shall be established prior to or concurrent with the recordation of the first land division.
- d. The common areas to be maintained by the master

SPECIFIC PLAN Case #: SP00106AG Parcel: 963-010-009

#### 30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 19 SP - COMMON AREA MAINTENANCE (cont.)

RECOMMND

maintenance organization shall include, but not be limited to, the following: \_\_\_\_\_\_"

30.PLANNING. 20 SP - CC&R RES PUB COMMON AREA

RECOMMND

Prior to the approval of any implementing land division project (i.e. tract map or parcel map), the following condition shall be applied to the land division PRIOR TO MAP RECORDATION if the permanent master maintenance organization referenced in the condition entitled "SP - Common Area Maintenance" is a public organization:

"The applicant shall convey to the County fee simple title, to all common open space areas, free and clear of all liens, taxes, assessments, leases (recorded or unrecorded) and easement, except those easements which in the sole discretion of the County are acceptable. As a condition precedent to the County accepting title to such areas, the applicant shall notify the Planning Department that the following documents shall be submitted to the Office of the County Counsel and submit said documents for review along with the current fee, which shall be subject to County Counsel approval:

- 1. A cover letter identifying the project for which approval is sought;
- 2. A signed and notarized declaration of covenants, conditions and restrictions;
- 3. A sample document, conveying title to the purchaser, of an individual lot or unit which provides that the declaration of covenants, conditions and restrictions is incorporated therein by reference; and,
- 4. A deposit equaling three (3) hours of the current hourly fee for Review of Covenants, Conditions and Restrictions established pursuant to County Ordinance No. 671 at the time the above referenced documents are submitted for County Counsel review.

The declaration of covenants, conditions and restrictions submitted for review shall a) provide for a minimum term of 60 years, b) provide for the establishment of a property owners' association comprised of the owners of each individual lot or unit as tenants in common, and c) contain

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30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 20 SP - CC&R RES PUB COMMON AREA (cont.)

RECOMMND

the following provisions verbatim:

"Notwithstanding any provision in this Declaration to the contrary, the following provisions shall apply:

The property owners' association established herein shall, if dormant, be activated, by incorporation or otherwise, at the request of the County of Riverside, and the property owners' association shall unconditionally accept from the County of Riverside, upon the County's demand, title to all or any part of the 'common area', more particularly described on Exhibit '\_\_\_' attached hereto. Such acceptance shall be through the president of the property owner's association, who shall be authorized to execute any documents required to facilitate transfer of the 'common area'. The decision to require activation of the property owners' association and the decision to require that the association unconditionally accept title to the 'common area' shall be at the sole discretion of the County of Riverside.

In the event that the 'common area', or any part thereof, is conveyed to the property owners' association, the association, thereafter, shall own such 'common area', shall manage and continuously maintain such 'common area', and shall not sell or transfer such 'common area' or any part thereof, absent the prior written consent of the Planning Director of the County of Riverside or the County's successor-in-interest. The property owners' association shall have the right to assess the owner of each individual lot or unit for the reasonable cost of maintaining such 'common area', and shall have the right to lien the property of any such owner who defaults in the payment of a maintenance assessment. An assessment lien, once created, shall be prior to all other liens recorded subsequent to the notice of assessment or other document creating the assessment lien.

This declaration shall not be terminated, 'substantially' amended, or property deannexed therefrom absent the prior written consent of the Planning Director of the County of Riverside or the County's successor-in-interest. A proposed amendment shall be considered 'substantial' if it affects the extent, usage or maintenance of the 'common area' established pursuant to this Declaration.

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30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 20 SP - CC&R RES PUB COMMON AREA (cont.) (cont.) RECOMMND

In the event of any conflict between this Declaration and the Articles of Incorporation, the Bylaws, or the property owners' association Rules and Regulations, if any, this Declaration shall control."

Once approved by the Office of County Counsel, the declaration of covenants, conditions and restrictions shall be recorded by the Planning Department with one copy retained for the case file, and one copy provided to the County Transportation Department - Survey Division."

30. PLANNING. 21 SP - CC&R RES PRI COMMON AREA

RECOMMND

Prior to the approval of any implementing land division project within the SPECIFIC PLAN (tract map or parcel map), the following condition shall be placed on the implementing project PRIOR TO MAP RECORDATION if the permanent master maintenance organization referenced in the condition entitled "SP - Common Area Maintenance" is a private organization:

"The applicant shall notify the Planning Department that the following documents shall be submitted to the Office of County Counsel and submit said documents for review along with the current fee, which shall be subject to County Counsel approval:

- 1. A cover letter identifying the project for which approval is sought;
- 2. A signed and notarized declaration of covenants, conditions and restrictions;
- 3. A sample document, conveying title to the purchaser of an individual lot or unit, which provides that the declaration of covenants, conditions and restrictions is incorporated therein by reference; and,
- 4. A deposit equaling three (3) hours of the current hourly fee for Review if Covenants, Conditions and Restrictions established pursuant to County Ordinance No. 671 at the time the above referenced documents are submitted for County Counsel review.

The declaration of covenants, conditions and restrictions

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#### 30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 21 SP - CC&R RES PRI COMMON AREA (cont.)

RECOMMND

submitted for review shall a) provide for a minimum term of 60 years, b) provide for the establishment of a property owners' association comprised of the owners of each individual lot or unit as tenants in common, c) provide for ownership of the common area by either the property owners' association or the owners of each individual lot or unit as tenants in common, and (d) contain the following provisions verbatim:

"Notwithstanding, any provision in this Declaration to the contrary, the following provisions shall apply:

The property owners' association established herein shall manage and continuously maintain the 'common area', more particularly described on Exhibit '\_\_\_', attached hereto, and shall not sell or transfer the 'common area' or any part thereof, absent the prior written consent of the Planning Director of the County of Riverside or the County's successor-in-interest.

The property owners' association shall have the right to assess the owners of each individual lot or unit for the reasonable cost of maintaining such 'common area' and shall have the right to lien the property of any such owner who defaults in the payment of a maintenance assessment. An assessment lien, once created, shall be prior to all other liens recorded subsequent to the notice of assessment or other document creating the assessment lien.

This Declaration shall not be terminated, 'substantially' amended, or property deannexed therefrom absent the prior written consent of the Planning Director of the County of Riverside or the County's successor-in-interest. A proposed amendment shall be considered 'substantial' if it affects the extent, usage or maintenance of the 'common area' established pursuant to this Declaration.

In the event of any conflict between this Declaration and the Articles of Incorporation, the Bylaws, or the property owners' association Rules and Regulations, if any, this Declaration shall control."

Once approved by the Office of County Counsel, the declaration of covenants, conditions and restrictions shall be recorded the Planning Department with one copy retained

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#### 30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 21 SP - CC&R RES PRI COMMON AREA (cont.) (cont.) RECOMMND

for the case file, and one copy provided to the County Transportation Department - Survey Division."

30.PLANNING. 23 SP - PALEO M/M PROGRAM

RECOMMND

Prior to the approval of any implementing project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"PRIOR TO THE ISSUANCE OF GRADING PERMITS, the project applicant shall enter into an agreement with a qualified paleontologist. This agreement shall include, but not be limited to, the preliminary mitigation and monitoring procedures to be implemented during the process of grading. A copy of said agreement shall be submitted to the Planning Department. No grading permits will be issued unless the preliminary mitigation and monitoring procedures as described in the EIR are substantially complied with."

30 PLANNING. 27 SP - SKR FEE CONDITION

RECOMMND

Prior to the approval of any implementing project within the SPECIFIC PLAN (tract map, parcel map, use permit, etc.), the following condition shall be placed on the implementing project:

"PRIOR TO THE ISSUANCE OF GRADING PERMITS, the applicant shall comply with the provisions of Riverside County Ordinance No. 663, which generally requires the payment of the appropriate fee set forth in that ordinance. The amount of the fee required to be paid may vary depending upon a variety of factors, including type of development application submitted and the applicability of any fee reduction or exemption provisions contained in Riverside County Ordinance No. 663. Said fee shall be calculated on the approved development project which is anticipated to be acres in accordance with the SPECIFIC PLAN. If the development is subsequently revised, this acreage amount may be modified in order to reflect the revised development project acreage amount. In the event Riverside County Ordinance No. 663 is rescinded, this condition will no longer be applicable. However, should Riverside County Ordinance No. 663 be rescinded and superseded by a subsequent mitigation fee ordinance, payment of he appropriate fee set forth in that ordinance shall be

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#### 30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 27 SP - SKR FEE CONDITION (cont.)

RECOMMND

required."

30.PLANNING. 30 SP - SCHOOL MITIGATION

RECOMMND

Prior to the approval of any implementing project within the SPECIFIC PLAN (i.e.: tract map, parcel map, use permit, plot plan, etc.), the following condition shall be placed on the implementing project:

"PRIOR TO BUILDING PERMITS, impacts to the Temecula Valley Unified School District shall be mitigated in accordance with state law."

30 PLANNING. 32 SP - ARCHAEOLOGIST RETAINED

RECOMMND

Prior to the approval of any land division or development permit (use permit, plot plan, etc.), a condition of approval shall be applied to the land division or development permit to ensure that the unique archaeologic resources identified in the Cultural Resources Report prepared as part of this Specific Plan's environmental documentation have been adequately addressed. The condition shall read as follows:

Prior to the issuance of grading permits, a qualified archaeologist shall be retained by the land divider for consultation and comment on the proposed grading with respect to potential impacts to unique archaeological resources. Should the archaeologist, after consultation with the appropriate Native American tribe, find the potential is high for impact to unique archaeological resources (cultural resources and sacred sites), a pre-grading meeting between the archaeologist, a Native American observer, and the excavation and grading contractor shall take place. During grading operations, when deemed necessary in the professional opinion of the retained archaeologist (and/or as determined by the Planning Director), the archaeologist, the archaeologist's on-site representative(s) and the Native American Observer shall actively monitor all project related grading and construction and shall have the authority to temporarily divert, redirect, or halt grading activity to allow recovery of unique archaeological resources. Prior to the issuance of grading permits, the NAME, ADDRESS and TELEPHONE NUMBER of the retained archaeologist shall be submitted to the Planning Department and the B&S Grading

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#### 30. PRIOR TO ANY PROJECT APPROVAL

30.PLANNING. 32 SP - ARCHAEOLOGIST RETAINED (cont.)

RECOMMND

Division. If the retained archaeologist, after consultation with the appropriate Native American tribe, finds no potential for impacts to unique archaeological resources, a letter shall be submitted to the Planning Department certifying this finding by the retained qualified archaeologist.

30.PLANNING. 33 SP - IF HUMAN REMAINS FOUND

RECOMMND

Prior to the approval of any land division or development permit (use permit, plot plan, etc.), a condition of approval shall be applied to the land division or development permit, and shall read as follows:

If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resource Code section 5097.98. The County Coroner shall be notified of the find immediately. If the remains are determined to be prehistoric, the coroner shall notify the Native American Heritage Commission, which will determine and notify the appropriate NATIVE AMERICAN TRIBE who is the most likely descendent. The descendent shall inspect the site of the discovery and make a recommendation as to the appropriate mitigation. After the recommendations have been made, the land divider, a Native American Tribe representative, and a County representative shall meet to determine the appropriate mitigation measures and corrective actions to be implemented.

#### TRANS DEPARTMENT

30.TRANS. 1 SP - SP106AG/RBBD

RECOMMND

The proposed project is within the boundaries of the Southwest Area Road and Bridge Benefit District, Zone D. A fee shall be required prior to the issuance of building permits, based upon the fee schedule in effect at the time.

30 TRANS. 2 SP - SP106AG/WRCOG TUMF

RECOMMND

The project proponent shall be required to pay the Transportaton Uniform Mitigation Fee (TUMF) in accordance wtin the fee schedule in effect at the time of issuance of

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#### 30. PRIOR TO ANY PROJECT APPROVAL

30.TRANS. 2 SP - SP106AG/WRCOG TUMF (cont.)

RECOMMND

building permit, pursuant to Ordinance No. 824.

30.TRANS. 3

SP - SP106AG/TRAFFIC STUDY REQ

RECOMMND

Site-specific traffic studies will be required for all subsequent implementing projects within Specific Plan No. 106 as approved by the Transportation Department. These subsequent traffic studies shall identify specific project impacts to each development phase.

#### 60. PRIOR TO GRADING PRMT ISSUANCE

EPD DEPARTMENT

60.EPD. 1 EPD - 30 DAY BURROWING OWL SUR

RECOMMND

Pursuant to Objective 6 and Objective 7 of the Species Account for the Burrowing Owl included in the Western Riverside County Multiple Species Habitat Conservation Plan, within 30 days prior to the issuance of a grading permit, a pre-construction presence/absence survey for the burrowing owl shall be conducted by a qualified biologist and the results of this presence/absence survey shall be provided in writing to the Environmental Programs Department. If it is determined that the project site is occupied by the Burrowing Owl, take of "active" nests shall be avoided pursuant to the MSHCP and the Migratory Bird Treaty Act. However, when the Burrowing Owl is present, relocation outside of the nesting season (March 1 through August 31) by a qualified biologist shall be required. The County Biologist shall be consulted to determine appropriate type of relocation (active or passive) and translocation sites. Occupation of this species on the project site may result in the need to revise grading plans so that take of "active" nests is avoided or alternatively, a grading permit may be issued once the species has been actively relocated.

If the grading permit is not obtained within 30 days of the survey a new survey shall be required.

TRACT MAP Tract #: TR32323 Parcel: 963-010-006

10. GENERAL CONDITIONS

EVERY DEPARTMENT

10. EVERY. 8 MAP - DEFINITIONS

RECOMMND

Page: 1

The words identified in the following list that appear in all capitals in the attached conditions of Tentative Tract Map No. 32323 shall be henceforth defined as follows:

TENTATIVE MAP = Tentative Tract Map No. 32323, Exhibit A, dated 1/17/17

APPROVED EXHIBIT L = Tentative Tract Map No. 32323, Exhibit L, dated 11/29/16.

FINAL MAP = Final Map or Parcel Map for the TENTATIVE MAP whether recorded in whole or in phases.

10. EVERY. 9 MAP - PROJECT DESCRIPTION

RECOMMND

Tentative Tract Map No. 32323 proposes a Schedule 'A' subdivision of 20.3 acres into thirty-four (34) single family residential lots, (1) private park and (1) detention/ water quality basin lot.

10. EVERY. 10 MAP - HOLD HARMLESS

RECOMMND

The land divider or any successor-in-interest shall defend, indemnify, and hold harmless the County of Riverside (COUNTY), its agents, officers, or employees from any claim, action, or proceeding against the COUNTY, its agents, officers, or employees to attack, set aside, void, or annul an approval of the COUNTY, its advisory agencies, appeal boards, or legislative body concerning the TENTATIVE MAP, which action is brought within the time period provided for in California Government Code, Section 66499.37. The COUNTY will promptly notify the land divider of any such claim, action, or proceeding against the COUNTY and will cooperate fully in the defense. If the COUNTY fails to promptly notify the land divider of any such claim, action, or proceeding or fails to cooperate fully in the defense, the land divider shall not, thereafter, be responsible to defend, indemnify, or hold harmless the COUNTY.

10 EVERY. 11 MAP - 90 DAYS TO PROTEST

RECOMMND

The land divider has 90 days from the date of approval of these conditions to protest, in accordance with the

## Riverside County LMS CONDITIONS OF APPROVAL

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TRACT MAP Tract #: TR32323

10. GENERAL CONDITIONS

10. EVERY. 11 MAP - 90 DAYS TO PROTEST (cont.)

RECOMMND

procedures set forth in Government Code Section 66020, the imposition of any and all fees, dedications, reservations and/or other exactions imposed on this project as a result of the approval or conditional approval of this project.

BS GRADE DEPARTMENT

10.BS GRADE. 1 MAP - GENERAL INTRODUCTION

RECOMMND

Improvements such as grading, filling, stockpiling, over excavation and recompaction, and base or paving which require a grading permit are subject to the included Building and Safety Department conditions of approval.

10.BS GRADE. 3 MAP - OBEY ALL GDG REGS

RECOMMND

All grading shall conform to the California Building Code, Ordinance 457, and all other relevant laws, rules, and regulations governing grading in Riverside County and prior to commencing any grading which includes 50 or more cubic yards, the applicant shall obtain a grading permit from the Building and Safety Department.

10.BS GRADE. 4 MAP - DISTURBS NEED G/PMT

RECOMMND

Ordinance 457 requires a grading permit prior to clearing grubbing, or any top soil disturbances related to construction grading.

10.BS GRADE. 6 MAP - NPDES INSPECTIONS

RECOMMND

Construction activities including clearing, stockpiling, grading or excavation of land which disturbs less than 1 acre and requires a grading permit or construction Building permit shall provide for effective control of erosion, sediment and all other pollutants year-round. The permit holder shall be responsible for the installation and monitoring of effective erosion and sediment controls. Such controls will be evaluated by the Department of Building and Safety periodically and prior to permit Final to verify compliance with industry recognized erosion control measures.

Construction activities including but not limited to clearing, stockpiling, grading or excavation of land, which disturbs 1 acre or more or on-sites which are part of a

TRACT MAP Tract #: TR32323 Parcel: 963-010-006

#### 10. GENERAL CONDITIONS

10.BS GRADE. 6 MAP - NPDES INSPECTIONS (cont.)

RECOMMND

larger common plan of development which disturbs less than 1 acre are required to obtain coverage under the construction general permit with the State Water Resources Control Board. You are required to provide proof of WDID# and keep a current copy of the storm water pollution prevention plan (SWPPP) on the construction site and shall be made available to the Department of Building and Safety upon request.

Year-round, Best Management Practices (BMP's) shall be maintained and be in place for all areas that have been graded or disturbed and for all material, equipment and/or operations that need protection. Stabilized Construction Entrances and project perimeter linear barriers are required year round. Removal BMP's (those BMP's which must be temporarily removed during construction activities) shall be in place at the end of each working day.

Monitoring for erosion and sediment control is required and shall be performed by the QSD or QSP as required by the Construction General Permit. Stormwater samples are required for all discharge locations and projects may not exceed limits set forth by the Construction General Permit Numeric Action Levels and/or Numeric Effluent Levels. A Rain Event Action Plan is required when there is a 50% or greater forecast of rain within the 48 hours, by the National Weather Service or whenever rain is imminent. QSD or QSP must print and save records of the precipitation forecast for the project location area from (http://www.srh.noaa.gov/forecast) and must accompany monitoring reports and sampling test data. A Rain gauge is required on site. The Department of Building and Safety will conduct periodic NPDES inspections of the site throughout the recognized storm season to verify compliance with the Construction General Permit and Stormwater ordinances and regulations

## 10.BS GRADE. 7 MAP - EROS CNTRL PROTECT

RECOMMND

Graded but undeveloped land shall provide, in addition to erosion control planting, any drainage facility deemed necessary to control or prevent erosion. Additional erosion protection may be required during the rainy season from October 1, to May 31:

# Riverside County LMS CONDITIONS OF APPROVAL

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## 10. GENERAL CONDITIONS

10.BS GRADE. 8 MAP - DUST CONTROL

RECOMMND

All necessary measures to control dust shall be implemented by the developer during grading. A PM10 plan may be required at the time a grading permit is issued.

10.BS GRADE. 9 MAP - 2:1 MAX SLOPE RATIO

RECOMMND

Graded slopes shall be limited to a maximum steepness ratio of 2:1 (horizontal to vertical) unless otherwise approved.

10 BS GRADE. 12 MAP - DRNAGE & TERRACING

RECOMMND

Provide drainage facilities and terracing in conformance with the California Building Code's chapter on "EXCAVATION & GRADING".

10.BS GRADE. 13 MAP - SLOPE SETBACKS

RECOMMND

Observe slope setbacks from buildings & property lines per the California Building Code as amended by Ordinance 457.

10.BS GRADE. 19 MAP - RETAINING WALLS

RECOMMND

Lots which propose retaining walls will require separate permits. They shall be obtained prior to the issuance of any other building permits - unless otherwise approved by the Building and Safety Director. The walls shall be designed by a Registered Civil Engineer - unless they conform to the County Standard Retaining Wall designs shown on the Building and Safety Department form 284-197.

10.BS GRADE. 23 MAP - MANUFACTURED SLOPES

RECOMMND

Plant and irrigate all manufactured slopes equal to or greater than 3 feet in vertical height with drought tolerant grass or ground cover; slopes 15 feet or greater in vertical height shall also be planted with drought tolerant shrubs or trees in accordance with the requirements of Ordinance 457.

10.BS GRADE. 24 MAP - FINISH GRADE

RECOMMND

Finish grade shall be sloped to provide proper drainage away from all exterior foundation walls in accordance with the California Building Code and Ordinance 457.

## Riverside County LMS CONDITIONS OF APPROVAL

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## 10. GENERAL CONDITIONS

E HEALTH DEPARTMENT

10.E HEALTH. 1 USE - WATER AND SEWER SERVICE

RECOMMND

TR32323 is proposing potable water service from EMWD and sanitary sewer service from EMWD. It is the responsibility of the developer to ensure that all requirements to obtain potable water service and sanitary sewer service are met with the appropriate purveyor(s) as well as all other applicable agencies.

Any existing onsite wastewater treatment system and/or onsite water well shall be properly removed or abandoned under permit with the Department of Environmental Health.

10 E HEALTH. 2 USE - NOISE STUDY

RECOMMND

Noise Consultant: URBAN CROSSROADS 41 Corporate Park, Suite 300 Irvine, CA 92606

Noise Study: "Benton Road Residential, Noise Impact Analysis, County of Riverside," November 3, 2016 (10656-04)

Based on the County of Riverside, Industrial Hygiene Program's review of the aforementioned Noise Study, TR32323 shall comply with the recommendations set forth under the Industrial Hygiene Program's response letter dated January 4, 2017 c/o Steve Uhlman.

For further information, please contact the Industrial Hygiene Program at (951) 955-8980.

FIRE DEPARTMENT

10.FIRE. 6 MAP-#50-BLUE DOT REFLECTORS

INEFFECT

Blue retroreflective pavement markers shall be mounted on private streets, public streets and driveways to indicate location of fire hydrants. Prior to installation, placement of markers must be approved by the Riverside County Fire Department.

10.FIRE. 7 MAP-#16-HYDRANT/SPACING

INEFFECT

Schedule A fire protection approved standard fire hydrants (6"x4"x2 1/2") located one at each street intersection and

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10.FIRE. 7 MAP-#16-HYDRANT/SPACING (cont.)

INEFFECT

spaced no more than 330 feet apart in any direction, with no portion of any lot frontage more than 165 feet from a hydrant. Minimum fire flow shall be 1000 GPM for 2 hour duration at 20 PSI. Shall include perimeter streets at each intersection and spaced 660 feet apart.

## FLOOD RI DEPARTMENT

10.FLOOD RI. 1 MAP FLOOD HAZARD REPORT

RECOMMND

TR 32323, amendment number 4, is a proposal to subdivide 20.01 acres into residential lots in the French Valley area. The site is located north of Auld Rd, south of Benton Rd, and west of Pourroy Road.

The site receives storm runoff form a tributary area of approximately 77 acres from the east. Two defined watercourses converge onsite and convey storm runoff to an existing District maintained storm drain to the west. (Warm Springs Valley-Coral Tree Storm Drain, dwg 7-0328)

The development proposes to collect the offsite runoff with a series of storm drains and collect onsite runoff with a separate storm drain and channel system to convey flows around the project's mitigation basin.

The District has reviewed the tentative map dated 7/20/16 (BB 654-998-913) and the Preliminary drainage report dated June, 2016. While this report does not adequately address the mitigation due to increased runoff criteria, i.e. 2, 5 and 10 year frequencies, the basin appears to be sized appropriately for hydromodification criteria which is thought to be similar to the increased runoff criteria. If, during the plan check phase, the basin appears to be adequate for increased runoff due to hydromodification sizing, no additional calculations will be required for increased runoff.

## 10 FLOOD RI. 4 MAP 10 YR CURB - 100 YR ROW

RECOMMND

The 10 year storm flow shall be contained within the curb and the 100 year storm flow shall be contained within the street right of way. When either of these criteria is exceeded, additional drainage facilities shall be installed. The property shall be graded to drain to the adjacent street or an adequate outlet.

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10.FLOOD RI. 5 MAP 100 YR SUMP OUTLET

RECOMMND

Drainage facilities outletting sump conditions shall be designed to convey the tributary 100 year storm flows. Additional emergency escape shall also be provided.

10.FLOOD RI. 11 MAP GREENBELT FACILITY MAINT

RECOMMND

The developer has proposed an onsite green belt channel to convey storm flows. This channel shall be designed to convey the approved tributary flowrate. The proposed greenbelt facilities would be an amenity serving the development. The District would be willing to maintain the lines and grade and structural aspects of the channel but can not be responsible for the landscaping. Maintenance expenses for the greenbelt park drainage system will be high. The District must ensure that the public is not unduly burdened for future costs. The District will require that prior to the issuance of any grading permit the developer along with a Parks District or alternate viable public maintenance entity shall enter into an agreement with the Riverside County Flood Control and Water Conservation District which guarantees the perpetual maintenance of the drainage facilities proposed by the developer. Said agreement shall be acceptable to both the District and County Counsel.

Alternatively, the developer may collect the off-site tributary storm flows in a conventional District maintained storm drain and convey these to the existing storm drain in Coral Tree Court. In which case, the District would not object to the proposed greenbelt channel being maintained by the Homeowners Association.

#### 10.FLOOD RI. 12 MAP GREENBELT CH DGN CRITERIA

RECOMMND

The developer has proposed incorporating a greenbelt or 'soft-bottom' channel into the project. The following criteria shall be used if the channel is to be maintained by the District:

If velocities are erosive (i.e. greater than 6 fps) revetment for side slopes shall be proposed and 15-foot maintenance roads shall be shown on both sides of the conveyance area. Where soft bottoms and revetted side slopes are proposed, provisions for maintenance of the buried portion of the revetment shall be incorporated into the channel design and also into any required environmental

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#### 10. GENERAL CONDITIONS

MAP GREENBELT CH DGN CRITERIA (cont.) RECOMMND 10.FLOOD RI. 12

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mitigation/conservation plan. The channel design shall be developed using hydraulic runs that consider both the maximum depth and the maximum velocity. The following criteria shall be used for selecting Manning's n value, unless substantiation for other values is submitted: When determining the maximum depth: for vegetated/habitat low flow channel n = 0.10, for non-mowed channel outside of low-flow section n = 0.04, for mowed non-irrigated channel outside of low-flow section n = 0.030. When determining the maximum velocity: for vegetated/habitat low flow channel n = 0.10, for the rest of the channel n = 0.025. If flows are non-erosive (i.e. less than 6 fps) then the side slopes may be non-reveted if they are to be landscaped but shall be no steeper than 4H to 1V and 15-foot maintenance roads shall be provided on both sides of the conveyance area. The Manning's n values given above shall be used to show that these flows are non-erosive, and to determine the maximum depth of water. If flows are non-erosive (i.e. less than 6 fps) then the side slopes may be non-reveted if they are to be landscaped but shall be no steeper than 4H to 1V and 15-foot maintenance roads shall be provided on both sides of the conveyance area. The Manning's n values given above shall be used to show that these flows are non-erosive, and to determine the maximum depth of water.

#### MAP INCREASED RUNOFF 10.FLOOD RI. 13

RECOMMND

The development of this site will adversely impact downstream property owners by increasing the rate and volume of flood flows. To mitigate this impact, the developer has proposed a detention basin. Although final design of the basin will not be required until the improvement plan stage of this development, the applicant's engineer has submitted a preliminary hydrology and hydraulics study that indicates that the general size, shape, and location of the proposed basin is sufficient to mitigate the impacts of the development.

#### MAP INCREASED RUNOFF CRITERIA 10 FLOOD RI. 14

RECOMMND

The development of this site would increase peak flow rates on downstream properties. Mitigation shall be required to offset such impacts. An increased runoff basin shall be shown on the exhibit and calculations supporting the size of the basin shall be submitted to the District for review.

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#### 10. GENERAL CONDITIONS

10.FLOOD RI. 14 MAP INCREASED RUNOFF CRITERIA (cont.)

RECOMMND

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The entire area of proposed development will be routed through a detention facility(s) to mitigate increased runoff. All basins must have positive drainage; dead storage basins shall not be acceptable.

A complete drainage study including, but not limited to, hydrologic and hydraulic calculations for the proposed detention basin shall be submitted to the District for review and approval.

Storms to be studied will include the 1-hour, 3-hour, 6-hour and 24-hour duration events for the 2-year, 5-year and 10-year return frequencies. Detention basin(s) and outlet(s) sizing will ensure that none of these storm events has a higher peak discharge in the post-development condition than in the pre-development condition. For the 2-year and 5-year events the loss rate will be determined using an AMC I condition. For the 10-year event AMC II will be used. Constant loss rates shall be used for the 1-hour, 3-hour and 6-hour events. A variable loss rate shall be used for the 24-hour events.

Low Loss rates will be determined using the following:

- 1. Undeveloped Condition --> LOW LOSS = 90%
- 2. Developed Condition --> LOW LOSS = .9 -(.8x%IMPERVIOUS)
- 3. Basin Site --> LOW LOSS = 10%

Where possible and feasible the on-site flows should be mitigated before combining with off-site flows to minimize the size of the detention facility required. If it is necessary to combine off-site and on-site flows into a detention facility two separate conditions should be evaluated for each duration/return period/before-after development combination studied; the first for the total tributary area (off-site plus on-site), and the second for the area to be developed alone (on-site). It must be clearly demonstrated that there is no increase in peak flow rates under either condition (total tributary area or on-site alone), for each of the return period/duration combinations required to be evaluated. A single plot showing the pre-developed, post-developed and routed hydrographs for each storm considered, shall be included with the submittal of the hydrology study.

No outlet pipe(s) shall be less than 18" in diameter. Where necessary an orifice plate may be used to restrict outflow

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## 10. GENERAL CONDITIONS

10.FLOOD RI. 14 MAP INCREASED RUNOFF CRITERIA (cont.) (cont.) RECOMMND

rates. Appropriate trash racks shall be provided for all outlets less than 48" in diameter.

The basin(s) and outlet structure(s) must be capable of passing the 100-year storm without damage to the facility. Embankment shall be avoided in all cases unless site constraints or topography make embankment unavoidable in the judgment of the General Manager-Chief Engineer.

Mitigation basins should be designed for joint use and be incorporated into open space or park areas. Sideslopes should be no steeper than 4:1 and depths should be minimized where public access is uncontrolled.

A viable maintenance mechanism, acceptable to both the County and the District, should be provided for detention facilities. Generally, this would mean a CSA, landscape district, parks agency or commercial property owners association. Residential homeowners associations are discouraged.

## 10.FLOOD RI. 15 MAP WATERS OF THE US (NO FEMA)

RECOMMND

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A portion of the proposed project may affect "waters of the United States", "wetlands" or "jurisdictional streambeds". Therefore, a copy of appropriate correspondence and necessary permits, or correspondence showing the project to be exempt, from those government agencies from which approval is required by Federal or State law (such as Corps of Engineers 404 permit or Department of Fish and Game 1603 agreement) shall be provided to the District prior to the recordation of the final map.

All Regulatory Permits (and any attachments pertaining thereto such as Habitat Mitigation and Monitoring Plans, Conservation Plans/Easements) to be secured by the Developer shall be submitted to the District for review. The terms of the Regulatory Permits shall be approved by the District prior to improvement plan approval, map recordation or finalization of the Regulatory Permits. There shall be no unreasonable constraint upon the District's ability to operate and maintain the flood control facility to protect public health and safety.

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Ouality.

grading permits.

10.FLOOD RI. 16 MAP INTERCEPTOR DRAIN CRITERIA

RECOMMND

The criteria for maintenance access of terrace/interceptor is as follows:

flows between 1-5 cfs shall have a 5-foot wide access road, flows between 6-10 cfs shall be a minimum 6-foot rectangular channel.

Terrace/interceptor drains are unacceptable for flows greater than 10 cfs. Flows greater than 10 cfs shall be brought to the street.

## 10.FLOOD RI. 17 MAP SUBMIT FINAL WOMP>PRELIM

RECOMMND

In compliance with Santa Ana Region and San Diego Region Regional Water Quality Control Board Orders, and Beginning January 1, 2005, projects submitted within the western region of the unincorporated area of Riverside County for discretionary approval will be required to comply with the Water Quality Management Plan for Urban Runoff (WQMP). WQMP addresses post-development water quality impacts from new development and redevelopment projects. The WQMP requirements will vary depending on the project's geographic location (Santa Ana, Santa Margarita or Whitewater River watersheds). The WQMP provides detailed guidelines and templates to assist the developer in completing the necessary studies. These documents are available on-line at: www.rcflood.org under Programs and Services, Stormwater

To comply with the WQMP a developer must submit a "Project Specific" WQMP. This report is intended to a) identify potential post-project pollutants and hydrologic impacts associated with the development; b) identify proposed mitigation measures (BMPs) for identified impacts including site design, source control and treatment control post-development BMPs; and c) identify sustainable funding and maintenance mechanisms for the aforementioned BMPs. A template for this report is indicated as 'exhibit A' on the website above. A final Project Specific WQMP must be approved by the District prior to issuance of building or

Projects that require a Project Specific WQMPs were required to submit a PRELIMINARY Project Specific WQMP along with the land-use application package in the tentative phase of development in order to obtain recommended conditions of approval. The developer has

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10.FLOOD RI. 17 MAP SUBMIT FINAL WQMP>PRELIM (cont.)

RECOMMND

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submitted a report that minimally meets the criteria for a preliminary project specific WQMP of addressing points a, b, and c above. It shall be noted that while the preliminary project specific WQMP was adequate at that stage, the preliminary WQMP report will need significant revisions at the improvement plan check phase of the development in order to meet the requirements of a final project specific WQMP - including detailed drawings for the BMPs along with all supporting calculations. It should also be noted that if 401 certification is necessary for the project, the Water Quality Control Board may require additional water quality measures.

## PLANNING DEPARTMENT

10.PLANNING. 3 MAP - MAP ACT COMPLIANCE

RECOMMND

This land division shall comply with the State of California Subdivision Map Act and to all requirements of County Ordinance No. 460, Schedule A, unless modified by the conditions listed herein.

10.PLANNING. 4 MAP - FEES FOR REVIEW

RECOMMND

Any subsequent review/approvals required by the conditions of approval, including but not limited to grading or building plan review or review of any mitigation monitoring requirement, shall be reviewed on an hourly basis, or other appropriate fee, as listed in ounty Ordinance No. 671. Each submittal shall be accompanied with a letter clearly indicating which condition or conditions the submittal is intended to comply with.

10.PLANNING. 6 MAP - LANDSCAPE MAINTENANCE

RECOMMND

The land divider, or any successor-in-interest to the land divider, shall be responsible for maintenance and upkeep of all slopes, landscaped areas and irrigation systems within the land division until such time as those operations are the responsibility of the individual home owners, a homeowners association, or any other successor-in-interest.

10 PLANNING. 10 MAP - OFFSITE SIGNS ORD 679.4

RECOMMND

No offsite subdivision signs advertising this land division/development are permitted, other than those

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10. GENERAL CONDITIONS

10.PLANNING. 10 MAP - OFFSITE SIGNS ORD 679.4 (cont.)

RECOMMND

allowed under Ordinance No. 679.4. Violation of this condition of approval may result in no further permits of any type being issued for this subdivision until the unpermitted signage is removed.

10 PLANNING. 11 MAP - RES. DESIGN STANDARDS

RECOMMND

The design standards for the subdivision are as follows:

- a. Lots created by this map shall conform to the design standards of the R-1 zone.
- b. The front yard setback is 20 feet.
- c. The side yard setback is 5 feet.
- d. The street side yard setback is 10 feet.
- e. The rear yard setback is 10 feet, except where a rear yard abuts a street, then the setback shall be the same as the front yard setback, in accordance with Section 21.77 of Ordinance No. 348.
- f. The minimum average width of each lot is 60 feet.
- g. The maximum height of any building is 40 feet.
- h. The minimum parcel size is 7,200 square feet.
- i. No more than 50% of the lot shall be covered by structure.
- j. Residential driveway approaches shall be a minimum of 12 feet and a maximum of 30 feet in width, and 20 feet of full height curb is required between driveways within any one property frontage, in accordance with Ord. No. 461, Standard No. 207.

EXCEPT AS ALLOWED BY ORDINANCE NO. 348, AND THE COUNTYWIDE DESIGN STANDARDS AND GUIDELINES, THERE SHALL BE NO ENCROACHMENT INTO ANY SETBACK.

10.PLANNING. 12 MAP - NPDES COMPLIANCE (1)

RECOMMND

Since the project will disturb one (1) acre or more, the land divider/permit holder shall comply with all of the applicable requirements of the National Pollution Discharge Elimination System (NPDES) and shall conform to NPDES Best Management Practices for Stormwater Pollution Prevention Plans during the life of this permit.

10.PLANNING. 13 MAP - ORD NO. 659 (DIF)

RECOMMND

Prior to the issuance of either a certificate of occupancy or prior to building permit final inspection, the applicant

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#### 10. GENERAL CONDITIONS

10.PLANNING. 13 MAP - ORD NO. 659 (DIF) (cont.)

RECOMMND

shall comply with the provisions of Riverside County Ordinance No. 659, which requires the payment of the appropriate fee set forth in the Ordinance. Riverside County Ordinance No. 659 has been established to set forth policies, regulations and fees related to the funding and construction of facilities necessary to address the direct and cummulative environmental effects generated by new development projects described and defined in this Ordinance, and it establishes the authorized uses of the fees collected.

The fee shall be paid for each residential unit to be constructed within this land division. In the event Riverside County Ordinance No. 659 is recinded, this condition will no longer be applicable. However, should Riverside County Ordinance No. 659 be rescinded and superseded by a subsequent mitigation fee ordinance, payment of the appropriate fee set forth in that ordinance shall be required.

## 10 PLANNING. 14 MAP - ORD 810 OPN SPACE FEE

RECOMMND

Prior to the issuance of either a certificate of occupancy or prior to building permit final inspection, the applicant shall comply with the provisions of Riverside County Ordinance No. 810, which requires payment of the appropriate fee set forth in the Ordinance. Riverside County Ordinance No. 810 has been established to set forth policies, regulations and fees related to the funding and acquisition of open space and habitat necessary to address the direct and cumulative environmental effects generated by new development projects described and defined in this Ordinance.

The fee shall be paid for each residential unit to be constructed within this land division.

In the event Riverside County Ordinance No. 810 is rescinded, this condition will no longer be applicable. However, should Riverside County Ordinance No. 810 be rescinded and superseded by a subsequent mitigation fee ordinance, payment of the appropriate fee set forth in that ordinance shall be required.

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#### 10. GENERAL CONDITIONS

10.PLANNING. 15 MAP - REQUIRED MINOR PLANS

RECOMMND

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For each of the below listed items, a minor plot plan application shall be submitted and approved by the County Planning Department pursuant to Section 18.30.a. (1) of County Ordinance No. 348 (Plot Plans not subject to the California Environmental Quality Act and not subject to review by any governmental agency other than the Planning Department) along with the current fee.

- 1. Final Site Development Plan for each phase of development.
- 2. Model Home Complex Plan shall be filed and approved for each phase if models change between phases. A final site of development plot plan must be approved prior to approval, or concurrent with a Model Home Complex Plan.
- 3. Landscaping Plan for typical front yard/slopes/open space. These three plans may be applied for separately for the whole tract or for phases.
- 4. Landscaping plans totally in the road right-of-Way shall be submitted to the Transportation Department only.
- 5. Each phase shall have a separate wall and fencing plan.
- [6. Entry monument and gate entry plan.]

NOTE: The requirements of the above plot plans may be accomplished as one, or, any combination of multiple plot plans required by these conditions of approval. However, each requirement shall be cleared individually with the applicable plot plan condition of approval in the "PRIOR TO BUILDING PERMIT" (80 series) conditions.

10 PLANNING. 16 MAP - DESIGN GUIDELINES

RECOMMND

The project shall conform to Countywide Design Standards and Guidelines adopted January 13, 2004.

10 PLANNING. 18 MAP - SUBMIT BUILDING PLANS

RECOMMND

The developer shall cause building plans to be submitted to the TLMA- Land Use Section for review by the Department of Building and Safety - Plan Check Division. Said plans shall be in conformance with the approved TENTATIVE MAP.

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#### 10. GENERAL CONDITIONS

10.PLANNING. 21 MAP - LOW PALEO

RECOMMND

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According to the County's General Plan, this site has been mapped as having a "Low Potential" for paleontological resources. This category encompasses lands for which previous field surveys and documentation demonstrates a low potential for containing significant paleontological resources subject to adverse impacts. As such, this project is not anticipated to require any direct mitigation for paleontological resources. However, should fossil remains be encountered during site development:

- 1.All site earthmoving shall be ceased in the area of where the fossil remains are encountered. Earthmoving activities may be diverted to other areas of the site.
- 2. The owner of the property shall be immediately notified of the fossil discovery who will in turn immediately notify the County Geologist of the discovery.
- 3. The applicant shall retain a qualified paleontologist approved by the County of Riverside.
- 4. The paleontologist shall determine the significance of the encountered fossil remains.
- 5.Paleontological monitoring of earthmoving activities will continue thereafter on an as-needed basis by the paleontologist during all earthmoving activities that may expose sensitive strata. Earthmoving activities in areas of the project area where previously undisturbed strata will be buried but not otherwise disturbed will not be monitored. The supervising paleontologist will have the authority to reduce monitoring once he/she determines the probability of encountering any additional fossils has dropped below an acceptable level.
- 6.If fossil remains are encountered by earthmoving activities when the paleontologist is not onsite, these activities will be diverted around the fossil site and the paleontologist called to the site immediately to recover the remains.
- 7.Any recovered fossil remains will be prepared to the point of identification and identified to the lowest taxonomic level possible by knowledgeable paleontologists. The remains then will be curated (assigned and labeled with museum\* repository fossil specimen numbers and

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#### 10. GENERAL CONDITIONS

10.PLANNING. 21 MAP - LOW PALEO (cont.)

RECOMMND

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corresponding fossil site numbers, as appropriate; places in specimen trays and, if necessary, vials with completed specimen data cards) and catalogued, an associated specimen data and corresponding geologic and geographic site data will be archived (specimen and site numbers and corresponding data entered into appropriate museum repository catalogs and computerized data bases) at the museum repository by a laboratory technician. The remains will then be accessioned into the museum repository fossil collection, where they will be permanently stored, maintained, and, along with associated specimen and site data, made available for future study by qualified scientific investigators. \* Per the County of Riverside "SABER Policy", paleontological fossils found in the County of Riverside should, by preference, be directed to the Western Science Center in the City of Hemet.

8. The property owner and/or applicant on whose land the paleontological fossils are discovered shall provide appropriate funding for monitoring, reporting, delivery and curating the fossils at the institution where the fossils will be placed, and will provide confirmation to the County that such funding has been paid to the institution.

## 10.PLANNING. 22 MAP - PDA04948 ACCEPTED

RECOMMND

County Archaeological Report (PDA) No. 4948 submitted for this project (TR32323) was prepared by Jennifer Sanka of L & L Environmental Inc. and is entitled: "A Phase I Cultural Resources Assessment for APN 963-010-006 19.36-Acres in the French Valley Area, Riverside County," dated September 29, 2015.

PDA04948 concludes: no known cultural resources are located within the project area. However, results of the Native American scoping process and the presence of numerous prehistoric resources within the search radius lends to a moderate probability that prehistoric cultural resources may be encountered during project implementation. PDA04948 recommends: that a mitigation monitoring program is recommended during project implementation.

## 10 PLANNING. 24 MAP - UNATICIPATED RESOURCES

RECOMMND

"The developer/permit holder or any successor in interest shall comply with the following for the life of this

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#### 10. GENERAL CONDITIONS

10.PLANNING. 24 MAP - UNATICIPATED RESOURCES (cont.)

RECOMMND

#### permit:

If during ground disturbance activities, unanticipated cultural resources\* are discovered, the following procedures shall be followed:

- 1)All ground disturbance activities within 100 feet of the discovered cultural resource shall be halted until a meeting is convened between the developer, the project archaeologist\*\*, the Native American tribal representative (or other appropriate ethnic/cultural group representative), and the County Archaeologist to discuss the significance of the find.
- 2) The developer shall call the County Archaeologist immediately upon discovery of the cultural resource to convene the meeting.
- 3)At the meeting with the aforementioned parties, the significance of the discoveries shall be discussed and a decision is to be made, with the concurrence of the County Archaeologist, as to the appropriate mitigation (documentation, recovery, avoidance, etc) for the cultural resource.
- 4) Further ground disturbance shall not resume within the area of the discovery until a meeting has been convened with the aforementioned parties and a decision is made, with the concurrence of the County Archaeologist, as to the appropriate mitigation measures.
- \* A cultural resource site is defined, for this condition, as being a feature and/or three or more artifacts in close association with each other, but may include fewer artifacts if the area of the find is determined to be of significance due to sacred or cultural importance.
- \*\* If not already employed by the project developer, a County approved archaeologist shall be employed by the project developer to assess the value/importance of the cultural resource, attend the meeting described above, and continue monitoring of all future site grading activities as necessary."

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## 10. GENERAL CONDITIONS

10.PLANNING. 25 MAP - GEO02523 ACCEPTED

RECOMMND

County Geologic Report GEO No. 2523, submitted for the project TTM No. 32323 (TR32323), was prepared by LGC Geotechnical, Inc. The report is titled; "Preliminary Geotechnical Subsurface Evaluation and In-Situ Soil Infiltration Testing for Proposed 34-Lot Single Family Residential Tract, Tentative Tract Map No. 32323, Benton Road between Pourroy Road and Beech Street, French Valley Area within the County of Riverside, California," dated September 16, 2016. In addition, LGC submitted the following documents:

"Response to Geotechnical Related Comments, County of Riverside Planning Department Review Sheet dated October 26, 2016, Proposed 34-Lot Single Family Residential Tract, Tentative Tract No. 32323, French Valley Area within Riverside, California," dated November 17, 2016.

This document is hereby incorporated as a part of GEO No. 2523.

GEO No. 2523 concluded:

- 1. The subject site is not located within a State of California Earthquake Fault Zone and no faults were identified on the site during our site evaluation.
- 2.Based on the proposed development and remedial grading recommendations, the site will primarily consist of compacted fill over dense native soils. Therefore, the potential for post construction liquefaction and liquefaction-induced dynamic settlement is considered low.
- 3. Due to the low potential of liquefaction, the potential for lateral spreading is also considered low.
- 4.We anticipate total static settlement to be on the order of 1-inch or less and a differential settlement of  $^{\parallel}$  inch over a horizontal span of 40 feet.
- 5.Based on the results of preliminary laboratory testing done, site soils have a "Very Low to Low" expansion potential.
- 6.Results of our slope stability analysis indicate that the minimum factor of safety of 1.5 and 1.1 for static and seismic loading conditions, respectively, have been met.

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10.PLANNING. 25 MAP - GEO02523 ACCEPTED (cont.)

RECOMMND

GEO No. 2523 recommended:

- 1.Prior to grading of areas to receive structural fills or engineered structures, the areas should be cleared of surface obstructions, vegetation, and debris.
- 2.Unsuitable and potentially compressible materials not removed by design cuts should be excavated to competent material and replaced with compacted fill soils.
- 3.In general, existing colluvium/topsoil and the upper portion of the very old alluvial valley deposits and weathered gabbro should be removed to competent bedrock or dense native materials.
- 4. When field density test data is utilized for approval of material, an in-place relative compaction of 85 percent or greater and a degree of saturation of 85 percent or greater will be considered suitable.
- 5.Cut/fill transition pads should be entirely undercut 4 feet below finish pad grade, or a minimum 2 feet below planned footings, whichever is greater, and over-excavation should be increased for lots with steep transitions in order to provide a maximum ratio of 3:1 (horizontal to vertical) fill thickness underneath individual lots, up to a maximum of 10 feet.
- 6.Over-excavation should extend a minimum distance of 4 feet beyond proposed building footprints.

This update to GEO No. 2523 satisfies the requirement for a geologic/geotechnical study for Planning/CEQA purposes. GEO No. 2523 is hereby accepted for planning purposes. Engineering and other Building Code parameters were not included as a part of this review or approval. This approval is not intended and should not be misconstrued as approval for grading permit. Engineering and other building code parameters should be reviewed and additional comments and/or conditions may be imposed by the County upon application for grading and/or building permits.

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#### 10. GENERAL CONDITIONS

10.PLANNING. 26 MAP - IF HUMAN REMAINS FOUND

RECOMMND

If human remains are found on this site, the developer/permit holder or any successor in interest shall comply with the following codes: Pursuant to State Health and Safety Code Section 7050.5, if human remains are encountered, no further disturbance shall occur until the County Coroner has made the necessary findings as to origin. If the Riverside County Coroner determines the remains to be Native American, the Native American Heritage Commission (NAHC) shall be contacted by the Coroner within the period specified by law (24 hours). The NAHC shall immediately notify those persons it believes to be most likely descended from the deceased Native American. The descendants may, inspect the site of the discovery of the Native American human remains and may recommend means for treatment or disposition, with appropriate dignity, of the human remains and any associated grave goods. ?The descendants shall make recommendations or preferences for treatment within 48 hours of being granted access to the site. Upon the discovery of Native American remains, the landowner shall ensure that the immediate vicinity, where the Native American human remains are located, is not damaged or disturbed The landowner shall discuss and confer with the descendants all reasonable options regarding the descendants' preferences for treatment. The descendants' preferences for treatment may include the following: The nondestructive removal and analysis of human remains and items associated with Native American human remains. Preservation of Native American human remains and associated items in place. Relinquishment of Native American human remains and associated items to the descendants for treatment.

Other culturally appropriate treatment.

The parties may also mutually agree to extend discussions, taking into account the possibility that additional or multiple Native American human remains, as defined in this section, are located in the project area, providing a basis for additional treatment measures.

Human remains of a Native American may be an inhumation or cremation, and in any state of decomposition or skeletal completeness. Any items associated with the human remains that are placed or buried with the Native American human remains are to be treated in the same manner as the remains, but do not by themselves constitute human remains.

Whenever the commission is unable to identify a descendant,

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10.PLANNING. 26 MAP - IF HUMAN REMAINS FOUND (cont.)

or the descendants identified fail to make a

RECOMMND

recommendation, or the landowner or his or her authorized representative rejects the recommendation of the descendants and the mediation provided for in subdivision (k) of Section 5097.94, if invoked, fails to provide measures acceptable to the landowner, the landowner or his or her authorized representative shall reinter the human remains and items associated with Native American human remains with appropriate dignity on the property in a location not subject to further and future subsurface disturbance. To protect these sites, the landowner shall do one or more of the following: Record the site with the commission or the appropriate Information Center. Utilize an open-space or conservation zoning designation or easement. (3) Record a document with the county in which the property is located. The document shall be titled "Notice of Reinternment of Native American Remains" and shall include a legal description of the property, the name of the owner of the property, and the owner's acknowledged signature, in addition to any other information required by this section. The document shall be indexed as a notice under the name of the owner. Upon the discovery of multiple Native American human remains during a ground disturbing land development activity, the landowner may agree that additional conferral with the descendants is necessary to consider culturally appropriate treatment of multiple Native American human remains. Human remains from other ethnic/cultural groups with recognized historical associations to the project area shall also be subject to

10.PLANNING. 27 MAP - ALUC CONDITIONS

group and the County Archaeologist.

RECOMMND

1. Incorporate noise attenuation measures where necessary to ensure interior noise levels from aircraft operations are at or below 45-decibal levels CNEL.

consultation between appropriate representatives from that

- 2. The following uses shall be prohibited:
- a.Any use which would direct a steady light or flashing light of red, white, green, or amber colors associated with airport operations toward an aircraft engaged in an initial straight climb following takeoff or toward an aircraft engaged in a straight final approach toward a landing at an

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10. GENERAL CONDITIONS

10.PLANNING. 27 MAP - ALUC CONDITIONS (cont.)

RECOMMND

airport, other than an FAA-approved navigational signal light or visual approach slope indicator.

b. Any use which would cause sunlight to be reflected towards an aircraft engaged in an initial straight climb following takeoff or towards an aircraft engaged in a straight final approach towards a landing at an airport.

- c.Any use which would generate smoke or water vapor or which would attract large concentrations of birds, or which may otherwise affect safe air navigation within the area.
- d.Any use which would generate electrical interference that may be detrimental to the operation of aircraft and/or aircraft instrumentation.
- 3. The notice as attached to the ALUC letter dated September 18, 2006 that is included in the staff report package for this project shall be provided to all potential purchasers and tenants.

TRANS DEPARTMENT

10.TRANS. 1 MAP - STD INTRO 3(ORD 460/461)

RECOMMND

With respect to the conditions of approval for the referenced tentative exhibit, the land divider shall provide all street improvements, street improvement plans and/or road dedications set forth herein in accordance with Ordinance 460 and Riverside County Road Improvement Standards (Ordinance 461). It is understood that the tentative map correctly shows acceptable centerline elevations, all existing easements, traveled ways, and drainage courses with appropriate Q's, and that their omission or unacceptablility may require the map to be resubmitted for further consideration. These Ordinances and all conditions of approval are essential parts and a requirement occurring in ONE is as binding as though occurring in all. All questions regarding the true meaning of the conditions shall be referred to the Transportation Department.

10.TRANS. 2 MAP - COUNTY WEB SITE

RECOMMND

Additional information, standards, ordinances, policies, and design guidelines can be obtained from the

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10. GENERAL CONDITIONS

10.TRANS. 2 MAP - COUNTY WEB SITE (cont.)

RECOMMND

Transportation Department Web site: http://rctlma.org/trans/. If you have questions, please call the Plan Check Section at (951) 955-6527

10.TRANS. 3 MAP - TS/EXEMPT

RECOMMND

The Transportation Department has not required a traffic study for the subject project. It has been determined that the project is exempt from traffic study requirements.

10.TRANS. 4 MAP - DRAINAGE 1

RECOMMND

The land divider shall protect downstream properties from damages caused by alteration of the drainage patterns, i.e., concentration or diversion of flow. Protection shall be provided by constructing adequate drainage facilities including enlarging existing facilities and/or by securing a drainage easement. All drainage easements shall be shown on the final map and noted as follows: "Drainage Easement - no building, obstructions, or encroachments by landfills are allowed". The protection shall be as approved by the Transportation Department.

10 TRANS. 5 MAP - DRAINAGE 2

RECOMMND

The land divider shall accept and properly dispose of all off-site drainage flowing onto or through the site. In the event the Transportation Department permits the use of streets for drainage purposes, the provisions of Article XI of Ordinance No. 460 will apply. Should the quantities exceed the street capacity or the use of streets be prohibited for drainage purposes, the subdivider shall provide adequate drainage facilities and/or appropriate easements as approved by the Transportation Department.

10.TRANS. 6 MAP - OFF-SITE PHASE

RECOMMND

Should the applicant choose to phase any portion of this project, said applicant shall provide off-site access roads to County maintained roads as approved by the Transportation Department.

10.TRANS. 7 MAP- TUMF CREDIT AGREEMENT

RECOMMND

If the applicant/developer is constructing a "TUMF" facility as a condition of approval for this project and

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10. GENERAL CONDITIONS

10.TRANS. 7 MAP- TUMF CREDIT AGREEMENT (cont.)

RECOMMND

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will be seeking "TUMF" credits and/or reimbursements for the "TUMF" improvements built with this project, the applicant shall enter into a "TUMF Improvement and Credit Agreement" with the Transportation Department prior to the first building permit issuance as directed by the Director of Transportation. Please contact (951) 955-6800 for additional information.

10.TRANS. 8 MAP-CREDIT/REIMBURSEMENT 4 IMP

RECOMMND

In order to receive any fee credit or reimbursement for improvements, the project proponent shall contact the Transportation Department and enter into an agreement for fee credit or reimbursement prior to advertising. All work shall be preapproved by and shall comply with the requirements of the Transportation Department and the public contracts code in order to be eligible for fee credit or reimbursement.

To enter into an agreement, please contact our Funding Programs group at (951) 955-1667.

For more information regarding the public work bidding requirements please visit the following link: http://rctlma.org/trans/Land-Development/Funding-Programs/Road-and-Bridge-Benefit-District-RBBD/Public-Works-Bidding-Requirements

WASTE DEPARTMENT

10.WASTE. 1 MAP - HAZARDOUS MATERIALS

RECOMMND

Hazardous materials are not accepted at Riverside County landfills. In compliance with federal, state, and local regulations and ordinances, any hazardous waste generated in association with the project shall be disposed of at a permitted Hazardous Waste disposal facility. Hazardous waste materials include, but are not limited to, paint, batteries, oil, asbestos, and solvents. For further information regarding the determination, transport, and disposal of hazardous waste, please contact the Riverside County Department of Environmental Health, Environmental Protection and Oversight Division.

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10. GENERAL CONDITIONS

10.WASTE. 2 MAP - AB 341

RECOMMND

AB 341 focuses on increased commercial waste recycling as a method to reduce greenhouse gas (GHG) emissions. The regulation requires businesses and organizations that generate four or more cubic yards of waste per week and multifamily units of 5 or more, to recycle. A business shall take at least one of the following actions in order to reuse, recycle, compost, or otherwise divert commercial solid waste from disposal:

- -Source separate recyclable and/or compostable material from solid waste and donate or self-haul the material to recycling facilities.
- -Subscribe to a recycling service with waste hauler.
- -Provide recycling service to tenants (if commercial or multi-family complex).
- -Demonstrate compliance with the requirements of California Code of Regulations Title 14.

For more information, please visit:
www.rivcowm.org/opencms/recycling/recycling\_and\_compost\_bus
ness.html#mandatory

10.WASTE. 3 MAP - LANDSCAPE PRACTICES

RECOMMND

Use mulch and/or compost in the development and maintenance of landscaped areas within the project boundaries.

Reduce the amount of green waste generated in common landscaped areas through grass recycling (where lawn clippings from a mulching type mower are left on lawn), or through on-site composting of green waste, or through the separation of green waste from other waste types to send to a composting facility.

Xeriscape and/or use drought tolerant/low maintenance vegetation in all landscaped areas of the project.

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#### 20. PRIOR TO A CERTAIN DATE

PLANNING DEPARTMENT

20.PLANNING. 3 MAP - EXPIRATION DATE

RECOMMND

The conditionally approved TENTATIVE MAP shall expire three (3) years after the ounty of Riverside Board of Supervisors original approval date, unless extended as provided by County Ordinance No. 460. Action on a minor change and/or revised map request shall not extend the time limits of the originally approved TENTATIVE MAP. A Land Management System (LMS) hold shall be placed on the TENTATIVE MAP, and a LMS hold shall be placed on any subsequent minor change or revised map, which shall be set to take effect on the expiration date. The LMS hold effective date shall be extended in accordance with any permitted extensions of time. The LMS hold shall be downgraded to a LMS notice upon recordation of the the first phase of the TENTATIVE MAP. The LMS hold or notice shall remain in effect until the recordation of the final phase of the TENTATIVE MAP. If the TENTATIVE MAP expires before the recordation of the final phase the LMS hold or notice shall remain in effect and no further FINAL MAP recordation shall be permitted.

## 40 PRIOR TO PHASING (UNITIZATION)

PLANNING DEPARTMENT

40.PLANNING. 1 MAP - CONCEPTUAL PHASE GRADING

RECOMMND

Prior to the approval of an application for a division into units or phasing plan for the TENTATIVE MAP, a conceptual grading plan covering the entire TENTATIVE MAP shall be submitted to the County Planning Department for review and approval. The conceptual grading plan shall comply with the following:

- A. Techniques which will be used to prevent erosion and sedimentation during and after the grading process shall be depicted or documented.
- B. Approximate time frames for grading and areas which may be graded during the higher probability rain months of January through March shall be identified.
- C. Preliminary pad and roadway elevations shall be depicted.
- D. Areas where temporary grading occurs on any phase other

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## 40. PRIOR TO PHASING (UNITIZATION)

MAP - CONCEPTUAL PHASE GRADING (cont.) RECOMMND 40.PLANNING. 1

than the one being graded for development at a particular time shall be identified.

The approved conceptual grading plan shall be provided to the Building and Safety Grading Division and shall be used as a quideline for subsequent detailed grading plans for individual units or phases of the TENTATIVE MAP.

MAP - LOT ACCESS/UNIT PLANS 40 PLANNING. 3

RECOMMND

Any proposed division into units or phasing of the TENTATIVE MAP shall provide for adequate vehicular access to all lots in each unit or phase, and shall substantially conform to the intent and purpose of the land division approval. No approval for any number of units or phases is given by this TENTATIVE MAP and its conditions of approval, except as provided by Section 8.3 (Division into Units) of Ordinance No. 460.

## 50 PRIOR TO MAP RECORDATION

E HEALTH DEPARTMENT

MAP - WATER & SEWER WILL SERVE 50.E HEALTH, 5

RECOMMND

Provide current documentation from the appropriate purveyor(s) for the establishment of water and sewer service for this project, PRIOR TO MAP RECORDATION.

MAP - SOLID WASTE SERVICE 50.E HEALTH. 6

RECOMMND

Prior to map recordation, the project must provide documentation from an approved waste hauler in regards to solid waste service. Please call (951)955-8980 for additional details.

MAP - NOISE STUDY 50 E HEALTH. 7

RECOMMND

Provide an original copy of a noise study to the Industrial Hygiene program for review and approval. For any questions, please contact Office of Industrial Hygiene at (951) 955-8980

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## 50. PRIOR TO MAP RECORDATION

EPD DEPARTMENT

50.EPD. 1 EPD - ENVIR CONSTRAINTS SHEET

RECOMMND

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The constrained areas will conform to the areas mapped on Figure 8 of the Determination of Biologically Equivalent or Superior Preservation prepared by L&L Environmental dated December 19, 2016 (PDB06426R1). TR32323 will impact 0.102 acres of Riparian Riverine and avoid 0.303 acres as described on Figure 8 within the DBESP. The 0.303-acres of MSHCP Riparian/Riverine to be avoided located within Lots "C", "G", and "E", on Tentative Tract Map 32323.

These areas shall be mapped and labeled "Delineated Constraint Area (MSHCP Riparian/Riverine)" on the Environmental Constraint Sheet to the satisfaction of the Environmental Programs Department.

The ECS map must be stamped by the Riverside County Surveyor with the following notes:

"No disturbances may occur within the boundaries of the of the constraint areas."

"Any required future maintenance activities occurring within the boundaries of the constraint areas will require appropriate State and Federal Agencies (USFWS/CDFW) to be notified."

"Brush management to reduce fuel loads to protect urban uses (fuel modification zones) will not encroach into the constraint areas."

## 50.EPD. 2 EPD - MITIGATION CREDITS

RECOMMND

Prior to Grading Permit Issuance or Prior to Map Recordation, whichever occurs first, a biologist who holds an MOU with the County of Riverside shall submit documentation that the appropriate mitigation credits have been purchased in accordance with the mitigation measures described in must provide proof that 0.204 acres of mitigation credits have been purchased at the Skunk Hollow (Barry Jones) Mitigation Bank as outlined within the Determination of Biologically Equivalent or Superior Preservation prepared by L&L Environmental dated December 19, 2016 (PDB06426R1).

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## 50. PRIOR TO MAP RECORDATION

FIRE DEPARTMENT

50.FIRE. 1 MAP-#43-ECS-ROOFING MATERIAL

INEFFECT

Ecs map must be stamped by the Riverside County Surveyor with the following note: All buildings shall be constructed with class "B" material as per the California Building Code.

50 FIRE. 2 MAP-#64-ECS-DRIVEWAY ACCESS

INEFFECT

Ecs map must be stamped by the Riverside County Surveyor with the following note: Driveways exceeding 150' in length, but less than 800' in length, shall provide a turnout near the midpoint of the driveway. Where the driveway exceeds 800', turnouts shall be provided no more than 400' apart. Turnouts shall be a minimum of 10' wide and 30' in length, with a minimum 25' taper on each end.

A approved turnaround shall be provided at all building sites on driveways over 150 feet in length, and shall be within 50' of the building.

50.FIRE. 3 MAP-#73-ECS-DRIVEWAY REQUIR

INEFFECT

Ecs map must be stamped by the Riverside County Surveyor with the following note: Access will not have an up, or downgrade of more than 15%.access will not be less than 20 feet in width per the 2001 UFC, Article 9, Section 902.2.2.1) and will have a vertical clearance of 15'. Access will be designed to withstand the weight of 60 thousand pounds over 2 axles. Access will have a turning radius of 38 feet capable of accommodating fire apparatus.

50.FIRE. 4 MAP-#46-WATER PLANS

INEFFECT

The applicant or developer shall furnish one copy of the water system plans to the Fire Department for review. Plans shall be signed by a registered civil engineer, containing a Fire Department approval signature block, and shall conform to hydrant type, location, spacing and minimum fire flow. Once plans are signed by the local water company, the originals shall be presented to the Fire Department for signature.

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50.FIRE. 5

50. PRIOR TO MAP RECORDATION

MAP-#98-ECS-HYD/WTR TANK

INEFFECT

Ecs map must be stamped by the Riverside County Surveyor with the following note: Prior to the issuance of a building permit, a water system for fire protection must be provided, standard fire hydrant within 500' of the driveway entrance,

50.FIRE. 6 MAP-#47-SECONDARY ACCESS

INEFFECT

In the interest of Public Safety, the project shall provide an Alternate or Secondary Access(s). Said Alternate or Secondary Access(s) shall have concurrence and approval of both the Transportation Department and the Riverside County Fire Department.

50 FIRE. 7 MAP-#004-ECS-FUEL MODIFICATION

RECOMMND

ECS map must be stamped by the Riverside County Surveyor with the following note: Prior to the issuance of a grading permit, the developer shall prepare and submit to the fire department for approval a fire protection/vegetation management that hould include but not limited to the following items: a) Fuel modification to reduce fire loading. b) Appropriate fire breaks according to fuel load, slope and terrain. c) Non flammable walls along common boundaries between rear yards and open space. d) Emergency vehicle access into open space areas shall be provided at intervals not to exceed 1500'. e) A homeowner's association or appropriate district shall be responsible for maintenance of all fire protection measures within the open space areas.

ANY HABITAT CONSERVATION ISSUE AFFECTING THE FIRE DEPARTMENT FUEL MODIFICATION REQUIREMENT, SHALL HAVE CONCURRENCE WITH THE RESPONSIBLE WILDLIFE AND/OR OTHER CONSERVATION AGENCY.

FLOOD RI DEPARTMENT

50.FLOOD RI. 2 MAP SUBMIT PLANS

RECOMMND

A copy of the improvement plans, grading plans, final map, environmental constraint sheet, BMP improvement plans, and any other necessary documentation along with supporting hydrologic and hydraulic calculations shall be submitted to the District for review. All submittals shall be date

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## 50. PRIOR TO MAP RECORDATION

50.FLOOD RI. 2 MAP SUBMIT PLANS (cont.)

RECOMMND

stamped by the engineer and include a completed Flood Control Deposit Based Fee Worksheet and the appropriate plan check fee deposit.

50.FLOOD RI. 3 MAP ONSITE EASE ON FINAL MAP

RECOMMND

Onsite drainage facilities located outside of road right of way shall be contained within drainage easements shown on the final map. A note shall be added to the final map stating, "Drainage easements shall be kept free of buildings and obstructions".

50 FLOOD RI. 5 MAP WRITTEN PERM FOR GRADING

RECOMMND

Written permission shall be obtained from the affected property owners allowing the proposed grading and/or facilities to be installed outside of the tract boundaries. A copy of the written authorization shall be submitted to the District for review and approval.

50.FLOOD RI. 6 MAP ENCROACHMENT PERMIT REQ

RECOMMND

An encroachment permit shall be obtained for any work within the District right of way or with District facilities. The encroachment permit application shall be processed and approved concurrently with the improvement plans.

50.FLOOD RI. 8 MAP ADP FEES

RECOMMND

A notice of drainage fees shall be placed on the environmental constraint sheet and final map. The exact wording of the note shall be as follows:

NOTICE OF DRAINAGE FEES

Notice is hereby given that this property is located in the Murrieta Creek/Santa Gertrudis Valley and the Murrieta Creek/ Warm Springs Valley Area Drainage Plan which was adopted by the Board of Supervisors of the County of Riverside pursuant to Section 10.25 of Ordinance 460 and Section 66483, et seq, of the Government Code and that said property is subject to fees for said drainage area.

Notice is further given that, pursuant to Section 10.25 of Ordinance 460, payment of the drainage fees shall be paid

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## 50. PRIOR TO MAP RECORDATION

50.FLOOD RI. 8 MAP ADP FEES (cont.)

RECOMMND

with cashier's check or money order only to the Riverside County Flood Control and Water Conservation District at the time of issuance of the grading or building permit for said parcels, whichever occurs first, and that the owner of each parcel, at the time of issuance of either the grading or building permit, shall pay the fee required at the rate in effect at the time of issuance of the actual permit.

50.FLOOD RI. 9 MAP SUBMIT FINAL WQMP

RECOMMND

A copy of the project specific WQMP shall be submitted to the District for review and approval.

#### PLANNING DEPARTMENT

50.PLANNING. 1 MAP - PREPARE A FINAL MAP

RECOMMND

After the approval of the TENTATIVE MAP and prior to the expiration of said map, the land divider shall cause the real property included within the TENTATIVE MAP, or any part thereof, to be surveyed and a FINAL MAP thereof prepared in accordance with the current County Transportation Department - Survey Division requirements, the conditionally approved TENTATIVE MAP, and in accordance with Article IX of County Ordinance No. 460.

50 PLANNING. 2 MAP - FINAL MAP PREPARER

RECOMMND

The FINAL MAP shall be prepared by a licensed land surveyor or registered civil engineer.

50.PLANNING. 3 MAP - SURVEYOR CHECK LIST

RECOMMND

The County Transportation Department - Survey Division shall review any FINAL MAP and ensure compliance with the following:

- A. All lots on the FINAL MAP shall be in substantial conformance with the approved TENTATIVE MAP relative to size and configuration.
- B. All lots on the FINAL MAP shall have a minimum lot size of 7,200 square feet net.
- C. All lot sizes and dimensions on the FINAL MAP shall be in conformance with the development standards of the

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## 50. PRIOR TO MAP RECORDATION

50.PLANNING. 3 MAP - SURVEYOR CHECK LIST (cont.)

RECOMMND

R-1 zone, and with the Riverside County General Plan.

- D. All lots on the FINAL MAP shall comply with the length to width ratios, as established by Section 3.8.C. of County Ordinance No. 460.
- E. All knuckle or cul-de-sac lots shall have a minimum of 35 feet of frontage measured at the front lot line.
- F. The common open space areas shall be shown as numbered lots on the FINAL MAP.

## 50.PLANNING. 4 MAP - REQUIRED APPLICATIONS

RECOMMND

No FINAL MAP shall record until Specific Plan No. 106 Amendment No. 16, General Plan Amendment No. 1219, and Change of Zone No. 7214 have been approved and adopted by the Board of Supervisors and have been made effective. This land division shall conform with the development standards of the designations and/or zones ultimately applied to the property.

50.PLANNING. 7 MAP - ANNEX TO PARK DISTRICT

RECOMMND

The land divider shall submit written proof to the County Planning Department - Development Review Division that the subject property has been annexed to Valley-Wide Recreation and Parks District.

## 50 PLANNING. 8 MAP - QUIMBY FEES (1)

RECOMMND

The land divider shall submit to the County Planning Department - Development Review Division a duly and completely executed agreement with the Valley-Wide Recreation and Parks District which demonstrates to the satisfaction of the County that the land divider has provided for the payment of parks and recreation fees and/or dedication of land for the TENTATIVE MAP in accordance with Section 10.35 of County Ordinance No. 460.

## 50 PLANNING. 12 MAP - ECS SHALL BE PREPARED

RECOMMND

The land divider shall prepare an Environmental Constraints Sheet (ECS) in accordance with Section 2.2. E. & F. of County Ordinance No. 460, which shall be submitted as part of the plan check review of the FINAL MAP.