City of Riverside Mitigation Monitoring and Reporting Program Sycamore Hills Distribution Center Project FEIR

Mitigation Monitoring and Reporting Program

CEQA requires the adoption of feasible mitigation measures to reduce the severity and magnitude of significant environmental impacts associated with Project development. The Project's Draft EIR (DEIR) includes mitigation measures to reduce the potential environmental effects of the Project. CEQA also requires reporting on, and monitoring of, mitigation measures adopted as part of the environmental review process (Public Resources Code 21081.6). This Mitigation Monitoring and Reporting Program (MMRP) is designed to aid the City in its implementation and monitoring of measures adopted for the Project.

Pursuant to State CEQA Guidelines Section 15097, a written MMRP has been compiled to verify implementation of adopted mitigation measures. "Monitoring" refers to the ongoing or periodic process of Project oversight provided by the "Responsible Party" listed in the following table. "Reporting" refers to written compliance review that will be presented to the decision -making body or authorized staff person identified in the table below. A report can be required at various stages throughout the Project implementation or upon completion of the mitigation measure. For each mitigation measure contained in the EIR, specifications are made herein that identify the action required and the monitoring that must occur.

The mitigation measures contain several acronyms that are defined in the DEIR but may not be defined in the following mitigation monitoring table. As used in the mitigation measures and consistent with the DEIR, these acronyms are defined as follows:

BMPs	Best Management Practices
BUOW	Burrowing Owl
CA-RIV-####	Trinomial Cultural Resource Numbering
CDFW	California Department of Fish and Wildlife
CFR	Code of Federal Regulations
dBA	A-weighted system decibel
GIS	Geographic Information System
LED	Light Emitting Diode
MSHCP	Western Riverside County Multiple Species Habitat Conservation Plan
RWQCB	Regional Water Quality Control Board
SKRHCP	Stephens' Kangaroo Rat Habitat Conservation Plan
SWPPP	Storm Water Pollution Prevention Plan
USFWS	United States Fish and Wildlife Service



Mitigation Measure/	Action Required/	Implementation	Responsible Monitoring	Cor	nplian	ce Verification
Condition of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments
Aesthetics						
MM AES-1						
To further reduce impacts related to light pollution, the Project's night lighting shall be directed away from natural open space areas within and adjacent to the Project site and directed downward and towards the center of the development. Energy efficient Low-Pressure Sodium (LPS) or High- Pressure Sodium (HPS) lamps shall be used exclusively to dampen glare.	Approval of Photometric Plan	Prior to the issuance of building permits	Community & Economic Development Department - Planning Division			
MM AES-2			-			
Prior to the issuance of building permits, the Applicant shall submit a photometric (lighting) plan for approval by the Community & Economic Development Department, Planning Division. The approved light design requirements shall be included on the final building plan sheets. The lighting plan shall incorporate the following requirements:	Approval of Photometric Plan	Prior to the issuance of building permits	Community & Economic Development Department - Planning Division and Building & Safety Division Project Applicant			
 The project shall be designed in such a manner as to prevent light spillage from the project to the adjacent and nearby open space areas Project lighting shall not exceed an intensity of one foot-candle Shielding shall be employed, where feasible Any night lighting shall be directed away from natural open space areas and directed downward and towards the center of the development 						

Mitigation Measure/	Action Required/	Implementation	Responsible Monitoring	Compliance Verification		
Condition of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments
 No project lights shall blink, flash, oscillate, or be of unusually high intensity or brightness Energy-efficient LPS or HPS lamps shall be used exclusively throughout the project site to dampen glare Exterior lights shall be only "warm" LED lights (<3000K color temperature). 						
Air Quality						
MM AIR-1						
The Project Applicant is required to record a covenant on the property (Parcels 1 and 2) that prohibit manufacturing, fulfillment center, and use of Transportation Refrigeration Units (TRUs). Proof of the record of covenant shall be submitted to the City of Riverside Planning Division prior to issuance of building permits.	Provide Copy of Recorded Covenant to the City	Prior to the issuance of building permits	Community & Economic Development Department - Planning Division Project Applicant			
MM AIR-2			•		,	
The Project applicant shall provide electrical hook ups to the power grid, rather than use of diesel-fueled generators, for electric construction tools, such as saws, drills and compressors and use of electric tools whenever feasible.	Provide photo documentation to the City	During construction activities	Community & Economic Development Department - Planning Division Project Applicant			
MM AIR-3						
The Project applicant shall provide information on transit and ridesharing programs and services to construction employees.	Provide copy of materials provided to construction employees to the City	During construction activities	Community & Economic Development Department - Planning Division Project Applicant			

Mitigation Measure/	Action Required/		Responsible Monitoring	Compliance Verification		
Condition of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments
MM AIR-4						
The Project applicant shall post both interior and exterior facing signs, including signs directed at all dock and delivery areas, identifying idling restrictions and contact information to report violations to the California Air Resources Board (CARB), the South Coast Air Quality Management District (AQMD), and the building manager.	Photo documentation provided to the City	Prior to issuance of Certificate of Occupancy	Community & Economic Development Department - Planning Division Project Applicant			
MM AIR-5						
The Project applicant shall post signs at every truck exit driveway providing directional information to the truck route.	Photo documentation provided to the City	Prior to issuance of Certificate of Occupancy	Community & Economic Development Department - Planning Division Project Applicant			
MM AIR-6						
The Project applicant shall provide tenants with information on incentive programs, such as the Carl Moyer Program and Voucher Incentive Program, to upgrade their fleets.		Within 60 days of tenant lease agreement execution	Community & Economic Development Department - Planning Division Project Applicant			
MM AIR-7		•				
The Project applicant shall include contractual language in tenant lease agreements that requires all service equipment (e.g., yard hostlers, yard equipment, forklifts, and pallet jacks) used within the project site to be zero-emission.	Copy of tenant lease agreement	Within 60 days of tenant lease agreement execution	Community & Economic Development Department - Planning Division Project Applicant			
MM AIR-8						
The Project applicant shall include contractual language in tenant lease agreements restricting trucks and support equipment from idling longer than 5 minutes while on site.	Copy of tenant lease agreement	Within 60 days of tenant lease agreement execution	Community & Economic Development Department - Planning Division			

Mitigation Measure/	Action Required/	Implementation Timing	Responsible Monitoring Party/Agency	Compliance Verification			
Condition of Approval	Monitoring Method			Initial	Date	Comments	
			Project Applicant				
MM AIR-9	•			·			
The Project applicant shall include contractual language in tenant lease agreements that prohibit cold storage operations unless a health risk assessment is conducted and the health impacts are mitigated, if found significant.	Copy of tenant lease agreement	Within 60 days of tenant lease agreement execution	Community & Economic Development Department - Planning Division Project Applicant				
MM AIR-10	1	1				1	
Include rooftop solar panels to the extent feasible, with a capacity to supply 15% of the entire Project's electrical demand.	Provide proof of purchase and installation of solar panels to the City	Prior to issuance of Certificate of Occupancy	Community & Economic Development Department - Planning Division				
			Project Applicant				
Biological Resources							
MM BIO-1	1	T		•		1	
Prior to issuance of a grading permit, a Qualified Biologist shall collect seed during the blooming period for paniculate tarplant and Robinson's pepper grass throughout the proposed development footprint of the project, if they occur. The seeds shall be stored in accordance with the biologist's recommendations until restoration efforts are commenced within the existing and additional Restricted Property/conservation area. If seed is not collected prior to grading permit issuance then topsoil, where identified by the qualified biologist, shall be salvaged, and temporarily stored in accordance with the qualified biologist's recommendations until restoration efforts are commenced. On site restoration efforts shall incorporate the collected seed or	Submittal of an email report prepared by Qualified Biologist to the City	Prior to the issuance of grading permits	Community & Economic Development Department - Planning Division Project Applicant Qualified Biologist				

Mitigation Measure/	Action Required/	Implementation	Responsible Monitoring	Compliance Verification		
Condition of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments
MM NOI-1	Method			<u> </u>		
MM BIO-2						
The Project has been designed to avoid direct construction impacts to riparian plant communities to the greatest extent feasible. Avoidance and minimization measures shall be included in the Project Specifications for the implementation during construction to further reduce the potential for any temporary, indirect impacts to occur to these areas during construction activities, including the following:	Approval of Grading Plan. Plans must be in compliance with the required specifications of the mitigation measure, and Biological Monitoring Report.	During any ground- disturbing and construction activities	Community & Economic Development Department - Planning Division Public Works Project Applicant/Qualified Biologist Project Contractor			
 Trash and other debris shall be properly disposed of and not left onsite in areas where it could fall into protected habitat. Project boundaries shall be clearly marked with fencing, or other suitable type of marking material as directed by a qualified biologist. Vehicles and other Project construction personnel shall stay within these delineated Project boundaries. 						
 Sensitive areas (i.e. jurisdictional drainage features, riparian habitats, and MSHCP Conservation Areas) in proximity to the construction footprint shall be clearly marked, with fencing or other suitable type of marking material as directed by a qualified biologist, for awareness and avoidance. 						
• Refueling, washing, or other vehicular maintenance activities shall occur a						

Mitigation Measure/	Action Required/	Implementation	Responsible Monitoring	Compliance Verification			
Condition of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments	
minimum of 100 feet away from riparian areas, including the conserved riparian habitat.							
• Equipment would be maintained and checked at least daily for leaks.							
• All vehicle leaks or other hazardous material leaks shall be contained and cleaned up immediately. All contaminated soil shall be removed from the site and disposed of properly.							
MM BIO-3					1		
During soil excavation, grading, or other subsurface disturbances, the construction		During soil excavation, grading,	Public Works Department				
contractor shall supervise provision and maintenance of all standard dust control	Control Plan showing location of equipment		Project Applicant				
BMPs to reduce fugitive dust emissions, including but not limited to the following actions:	and staging areas. Periodic inspections		Construction Contractor				
• Water any exposed soil areas a minimum of twice per day, or as allowed under any imposed drought restrictions. On windy days							
or when fugitive dust can be observed leaving the construction site, additional water shall be applied at a frequency to be determined by the on-site construction superintendent.							
 Pave, periodically water, or apply chemical stabilizer to construction access/egress points. 							

Mitigation Measure/	Action Required/	Implementation	Responsible Monitoring	Compliance Verification			
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 Minimize the amount of area disturbed by clearing, grading, earthmoving, or excavation operations always. Operate all vehicles on graded areas at speeds less than 15 miles per hour. Cover all stockpiles that would not be utilized within three days with plastic or equivalent material, to be determined by the on-site construction superintendent, or spray them with a non-toxic chemical stabilizer. 							
MM BIO-4	<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>	<u> </u>	
During construction, to address potential short-term impacts to water quality within the on-site drainages from construction runoff that may carry storm water pollutants, a SWPPP shall be implemented by the construction contractor as required by the California General Construction Storm Water Permit pursuant the Regional Board regulations. The SWPPP shall identify BMPs related to the control of toxic substances, including construction fuels, oils, and other liquids. These BMPs would be implemented by the construction contractor prior to the start of any ground clearing activity, shall be subject to periodic inspections by the City and the Project's hydrological consultant, shall be maintained throughout the construction period and remain in place until all landscape and permanent BMPs are in	Implemented BMPs		Public Works Department Project Applicant Construction Contractor Project's Hydrological Consultant				



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Condition of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments
place. BMPs shall be monitored and repaired if necessary, to ensure maximum erosion, sediment, and pollution control.						
• The use of erosion control materials potentially harmful to fish and wildlife species, such as mono-filament netting (erosion control matting) or similar material, within and adjacent to conserved riparian habitat shall be prohibited.						
 All fiber roles, straw waddles, and/or hay bales utilized within and adjacent to the Project site shall be free of non-native plant materials. 						
 Construction contractor shall comply with all litter and pollution laws. All contractors, subcontractors, and employees shall also obey these laws. 						
 Water containing mud, silt, or other pollutants from grading, aggregate washing, or other activities shall not be allowed to enter the conserved riparian habitat or be placed in locations that may be subjected to high storm flows. 						
 Spoil sites shall not be located within jurisdictional areas and MSHCP Conservation Areas or locations that may be subjected to high storm flows, where spoil shall be washed back into the conserved riparian habitat where it would impact streambed habitat and aquatic or riparian vegetation. 						

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 Raw cement/concrete or washings thereof, asphalt, paint, or other coating material, oil or other petroleum products, or any other substances which could be hazardous to fish and wildlife resources resulting from Project related activities shall be prevented from contaminating the soil and/or entering the conserved riparian habitat. These materials, placed within or where they may enter the conserved riparian habitat or any party working under contract to the construction contractor, shall be removed immediately. 						
 No equipment maintenance shall be done within or near the conserved riparian habitat where petroleum products or other pollutants from the equipment may enter these areas under any flow. 						
No broken concrete, cement, debris, soil, silt, sand, bark, slash, sawdust, rubbish, or washings thereof, oil or petroleum products, or other organic or earthen material from any construction or associated activity of whatever nature shall be allowed to enter into or be placed where it may be washed by rainfall or runoff into the conserved riparian habitat. When operations are completed, any excess materials or debris shall be removed from the work area. No rubbish shall be						

Mitigation Measure/	Action Required/		Responsible Monitoring Party/Agency	Compliance Verification		
Condition of Approval	Monitoring Method	Timing		Initial	Date	Comments
deposited within 150 feet of the conserved riparian habitat.						
IM BIO-5		•				
 Prior to issuance of grading permit, the ollowing measures shall be incorporated nto the construction documents and specifications, and implemented by the contractor, to avoid potential construction-related impacts to the conserved riparian nabitat outside of the approved disturbance imits: Construction worker training shall be provided by a qualified biologist at the first on-site construction meeting Project boundaries shall be clearly 	Approval of Grading Plan. Plans must be in compliance with the required specifications of the mitigation measure. Provide the sign in/attendance sheet to the City demonstrating the Workers' Environmental Awareness Program was conducted by a qualified Biologist. Mark project boundaries. Mark staging areas.	Prior to and during grading and construction activities	Community & Economic Development Department - Planning Division Public Works Department Project Applicant Construction Contractor Qualified Biologist/Biological Monitor			

	ion Measure/	Action Required/	Implementation	Responsible Monitoring	Compliance Verification		
Condit	ion of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments
MM BIO	D-6				•		
reduce areas a	issuance of occupancy permit, to impacts to on-site riparian/riverine and suitable habitat for least Bell's BVI), on-site mitigation shall :	Inspection of implemented enhancements, creation, and restoration of on-site	Prior to issuance of occupancy permit	Community & Economic Development Department - Planning Division Regional Conservation			
1.	Enhancement of a total of 1.58 acres of riparian habitat: 0.01-acre in Drainage A, 1.34 acres in Drainage B, and 0.23-acre in Area C.	riparian/riverine and non riparian/rivering areas, including culverts.		Authority (RCA) California Department of Fish and Wildlife (CDFW)			
2. 3.	Create (establish) 0.61-acre of in- kind riparian woodland in Area C.	Recorded Parcel		Project Applicant Construction Contractor			
4.	The non-jurisdictional, non- riparian/riverine upland areas of slopes associated with the access road will be restored/replanted with native seed mix.	Map showing modifications to the Restricted Property					
5.	The roadway/access to Parcel 1/Building A shall include culverts to provide a hydrological connection to the riparian habitat on the east side of the roadway and a corridor for small wildlife species.	Provide evidence the Restricted Property will be managed by a third party.					
6.	Revise the existing Restricted Property to include Parcel A (7.19 acres) and Parcel B (5.04 acres), with a combined area of 12.23 acres. The revised 12.23 acres						

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Restricted Property shall be managed in perpetuity with an endowment funded by the developer and by a CDFW approved 3 rd party (such as Rivers and Lands Conservancy "RLC").						
MM BIO-7	•			•	•	•
To reduce potential impacts to MSHCP covered species and to comply with the MSHCP, payment of the MSHCP mitigation fee shall be provided to the City of Riverside prior to issuance of a building permit for the project.	Proof of MSHCP mitigation fee payment	Prior to issuance of building permit	Community & Economic Development Department - Planning Division Project Applicant			
MM BIO-8					•	
Payment of the SKRHCP fee shall be provided to the City of Riverside prior to issuance of a grading permit for the project.	Proof of SKRHCP fee payment	Prior to issuance of grading permit	Community & Economic Development Department - Planning Division			
			Project Applicant			
MM BIO-9					[Γ
If construction activity is conducted between September 1 st and January 31 st , then this mitigation measure is required prior to issuance of a grading permit.	Preconstruction nesting bird survey report submitted to City by Qualified Biologist	Prior to issuance of grading permit for any ground disturbance between February 1 and August 31	Community & Economic Development Department - Planning Division Project Applicant			
Federal Migratory Bird Treaty Act (MBTA) and/or state code protect all native bird species - both common and special status.In most scenarios, MSHCP coverage does not override the nesting bird protections provided by these. Impacts to nesting birds, both direct and indirect, can be minimized or eliminated by conducting			Qualified Biologist			

Mitigation Measure/	Action Required/	Implementation	Responsible Monitoring	Cor	npliand	ce Verification	
Condition of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments	
work activities outside of the local breeding season.							
Although nesting can occur in any month in southern California for some species, breeding in the study area, given the habitat, would primarily be expected from about February 1 through August 31. Work from about September 1 through January 31would avoid most negative affects to birds and nesting activity. If work must be done during the breeding season, surveys for nesting birds should occur no more than three (3) days prior to all vegetation clearing and ground disturbance.							
If active nests are found, they should be avoided until young have fledged. While there is no established protocol for nest avoidance, when consulted the CDFW generally recommends avoidance buffers of about 500 feet for raptors and threatened/endangered species and 100 – 300 feet for non-raptors. Adherence to these nesting bird recommendations will also avoid and/or mitigate impacts to special status bird species known from the broject site which are not covered by the MSHCP.							
MM BIO-10	1	I	1		1	1	
A focused BUOW survey must be conducted during the breeding season (four visits between March 1 st – August 31 st). Regardless of the result of those surveys, because of the presence of suitable habitat that could be occupied at		Thirty days prior to any vegetation removal or ground disturbing activities	Community & Economic Development Department - Planning Division Project Applicant				

Mitigation Measure/	Action Required/	Implementation	Responsible Monitoring	Compliance Verification			
Condition of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments	
any time, a one-day preconstruction survey must also be conducted 30 days or less	findings, no further action required.		Qualified Biologist				
before groundbreaking.			California Department of Fish and Wildlife (CDFW) if relocation of owls is required				
MM BIO-11						•	
During construction standard BMPs from Volume I, Appendix C of the MSHCP shall be implemented to avoid impacts to biological resources of the MSHCP. The following standard BMPs shall be included	Approval of Grading Plan. Plans must be in compliance with the required	Prior to issuance of grading permit	Community and Economic Development Department – Planning Division Public Works Department				
as Environmental Requirement Notes on the final grading plans to be reviewed and approved by City staff prior to issuance of a	specifications of the mitigation measure and note BMPs.		Project Applicant				
grading permit. The measures are as follows:	Provide the sign		Construction Contractor				
1. A condition shall be placed on grading permits requiring a qualified biologist to conduct a training session for project personnel prior to grading. The training shall include a description of the species of concern and its habitats, the general provisions of the Endangered Species Act (Act)	in/attendance sheet to the City demonstrating the Workers' Environmental Awareness Program was conducted by a qualified Biologist.		Qualified Biologist				
and the MSHCP, the need to adhere to the provisions of the Act and the MSHCP, the penalties associated with violating the provisions of the Act, the general	Mark project boundaries.						
provisions of the Act, the general measures that are being implemented to conserve the species of concern as they relate to the project, and the access	Mark staging areas. Inspection of Implemented BMPs						

	ion Measure/	Action Required/	Implementation	Responsible Monitoring	Complianc		ce Verification	
Condit	ion of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments	
2. 3.	routes to and project site boundaries within which the project activities must be accomplished. Water pollution and erosion control plans shall be developed and implemented in accordance with RWQCB requirements. The footprint of disturbance shall be minimized to the maximum extent feasible. Access to sites shall be via pre-existing access routes to the greatest extent	identified on the SWPPP. Approval of Erosion Control Plan showing location of equipment storage, fueling, and staging areas. Periodic Inspections						
4.	possible. The upstream and downstream limits of projects disturbance plus lateral limits of disturbance on either side of the stream shall be clearly defined and marked in the field and reviewed by the biologist prior to initiation of work.							
5.	Projects should be designed to avoid the placement of equipment and personnel within the stream channel or on sand and gravel bars, banks, and adjacent upland habitats used by target species of concern.							
6.	Projects that cannot be conducted without placing equipment or personnel in sensitive habitats should be timed to avoid the breeding season of riparian species identified in MSHCP Global Species Objective No. 7.							
7.	When stream flows must be diverted, the diversions shall be							

Mitigation Measure/	Action Required/	Implementation	Responsible Monitoring	Со	mplian	ce Verification		
Condition of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments		
conducted using sandbags or other methods requiring minimal instream impacts. Silt fencing or other sediment trapping materials shall be installed at the downstream end of construction activity to minimize the transport o sediments offsite. Settling ponds where sediment is collected shall be cleaned out in a manner that prevents the sediment from reentering the stream. Care shall be exercised when removing silt fences, as feasible, to prevent								
 debris or sediment from returning to the stream. 8. Equipment storage, fueling, and staging areas shall be located on upland sites with minimal risks of direct drainage into riparian areas or other sensitive habitats. These 								
designated areas shall be in such a manner as to prevent any runoff from entering sensitive habitat. Necessary precautions shall be taken to prevent the release of cement or other toxic substances into surface waters. Project related spills of hazardous materials shall	Ŀ							
be reported to appropriate entities including but not limited to applicable jurisdictional city, USFWS, and CDFW, RWQCB and shall be cleaned up immediately and contaminated soils removed to approved disposal areas.	E							

	on Measure/	Action Required/	Implementation	Responsible Monitoring	Compliance Verification			
Conditi	on of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments	
9.	Erodible fill material shall not be deposited into water courses. Brush, loose soils, or other similar debris material shall not be stockpiled within the stream channel or on its banks.							
10.	The qualified project biologist shall monitor construction activities for the duration of the project to ensure that practicable measures are being employed to avoid incidental disturbance of habitat and species of concern outside the project footprint.							
11.	The removal of native vegetation shall be avoided and minimized to the maximum extent practicable. Temporary impacts shall be returned to pre-existing contours and revegetated with appropriate native species.							
12.	Exotic species that prey upon or displace target species of concern should be permanently removed from the site to the extent feasible.							
13.	To avoid attracting predators of the species of concern, the project site shall be kept as clean of debris as possible. All food related trash items shall be enclosed in sealed containers and regularly removed from the site(s).							
14.	Construction employees shall strictly limit their activities, vehicles, equipment, and construction materials to the							

Mitigation Measure/	Action Required/	Implementation	Responsible Monitoring	Cor	npliand	e Verification
Condition of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments
proposed project footprint and designated staging areas and routes of travel. The construction area(s) shall be the minimal area necessary to complete the project and shall be specified in the construction plans. Construction limits will be fenced with orange snow screen. Exclusion fencing should be maintained until the completion of all construction activities. Employees shall be instructed that their activities are restricted to the construction areas.						
Cultural Resources						
MM CUL-1						
Prior to grading permit issuance if there are any changes to project site design and/or proposed grades, the Applicant and the City shall contact consulting tribes to provide an electronic copy of the revised plans for review. Additional consultation shall occur between the City, developer/applicant, and consulting tribes to discuss any proposed changes and review any new impacts and/or potential avoidance/preservation of the cultural resources on the project site.	Provide copy of consultation logs showing Applicant's effort to contact interested tribes and the outcome of any such consultation Halt any work in the event of inadvertent	Prior to issuance of grading permits.	Community & Economic Development Department - Planning Division and Historic Preservation Officer Project Developer/ Applicant Consulting Tribe(s)			
The City and the developer/applicant shall make all attempts to avoid and/or preserve in place as many cultural resources and paleontological resources as possible that are located on the project site if the site	discoveries of archeological resources					

			g Compliance		e Verification	
Monitoring Method	Timing	Party/Agency	Initial	Date	Comments	
the City that a qualified Archeological Monitor	At least thirty (30) days prior to issuance of grading permits and before any ground-disturbing activities.	Community & Economic Development Department - Planning Division and Historic Preservation Officer Project Developer/ Applicant Qualified Archaeologist Consulting Tribe(s)				
	Method Provide evidence to the City that a qualified Archeological Monitor has been retained. Submit the approved Archaeological Monitoring Plan. Provide copy of consultation logs showing Applicant's effort to contact interested tribes and outcome of each	Method Provide evidence to the City that a qualified Archeological Monitor has been retained. Submit the approved Archaeological Monitoring Plan. Provide copy of consultation logs showing Applicant's effort to contact interested tribes and outcome of each	Method At least thirty (30) Provide evidence to At least thirty (30) the City that a days prior to issuance qualified of grading permits Archeological Monitor and before any has been retained. ground-disturbing Submit the approved Archaeological Monitoring Plan. Provide copy of Provide copy of consultation logs showing Applicant's effort to contact interested tribes and outcome of each	Method At least thirty (30) Provide evidence to At least thirty (30) the City that a days prior to issuance qualified and before any Archeological Monitor and before any ground-disturbing activities. Submit the approved Project Developer/ Archaeological Project Developer/ Monitoring Plan. Provide copy of Provide copy of consultation logs showing Applicant's effort to contact interested tribes and outcome of each	Method At least thirty (30) Provide evidence to the City that a qualified At least thirty (30) days prior to issuance of grading permits and before any ground-disturbing activities. Community & Economic Development Department - Planning Division and Historic Preservation Officer Submit the approved Archaeological Monitoring Plan. Project Developer/ Applicant Project Developer/ Applicant Provide copy of consultation logs showing Applicant's effort to contact interested tribes and outcome of each Community & Economic Development Department - Planning Division and Historic Preservation Officer	

Mitigation Measure/	Action Required/	Implementation	Responsible Monitoring	Compliance		nce Verification	
Condition of Approval	Monitoring Method	Timing	Party/Agency	Initial	Date	Comments	
 project archaeologist, and for designated Native American Tribal Monitors from the consulting tribes for grading, excavation, and ground-disturbing activities on the site, including the scheduling, safety requirements, duties, scope of work, and project archeologist and Native American Tribal Monitors' authority to stop and redirect grading activities; c. The protocols and stipulations that the Applicant, tribes, and project archaeologist/paleontologi st will follow in the event of inadvertent cultural resources discoveries, including any newly discovered cultural resource deposits, or nonrenewable paleontological resources that shall be subject to a cultural resource evaluation. d. In conjunction with the Archeological Monitor(s), the Native American Monitor(s) shall have the authority to temporarily 	Method						

		Responsible Monitoring			
Monitoring Method	Timing	Party/Agency	Initial	Date	Comments
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the City that a qualified Archeological Monitor has been retained. Submit the approved Archaeological Monitoring Plan. Submit report that documents the finding and	grading permit	Community & Economic Development Department - Planning Division and Historic Preservation Officer Qualified Archaeologist Applicant Project Applicant Consulting			
	Method Provide evidence to the City that a qualified Archeological Monitor has been retained. Submit the approved Archaeological Monitoring Plan. Submit report that documents the	Method Volume Method Volume Provide evidence to Prior to issuance of the City that a prior to issuance of qualified Archeological Monitor Archeological Monitor Prior to issuance of Submit the approved Archaeological Monitoring Plan. Submit report that Submit report that documents the finding and Here	Method Provide evidence to Provide evidence to Prior to issuance of grading permit Community & Economic Development Department Planning Division and Historic Preservation Officer Submit the approved Qualified Archaeologist Archaeological Archaeological Monitoring Plan. Project Applicant Submit report that Consulting Tribo(n) Mating American	Method Initial Provide evidence to the City that a qualified Archeological Monitor has been retained. Prior to issuance of grading permit Community & Economic Development Department - Planning Division and Historic Preservation Officer Submit the approved Archaeological Monitoring Plan. Qualified Archaeologist Applicant Submit report that documents the finding and disposition of any Project Applicant Consulting Tribe(s) /Native American	Method Provide evidence to Provide evidence to Prior to issuance of grading permit Community & Economic Development Department qualified Archeological Monitor has been retained. Submit the approved Archaeological Monitoring Plan. Submit report that Submit report that documents the finding and Titbe(s) (Native American

Mitigation Measure/	Action Required/	Implementation	Responsible Monitoring	Cor	npliand	ce Verification
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 c. Project grading, ground disturbance (including but not limited to excavation, trenching, cleaning, grubbing, tree removals, grading and trenching) and development scheduling; and d. The designation, responsibilities, and participation of professional Tribal Monitor(s) during grading, excavation, and ground disturbing activities. 						
If the developer/permit applicant and the consulting tribe(s) are unable to reach an agreement, the mitigation measure shall be considered satisfied if the developer/permit applicant provides sufficient documented evidence that they have made a reasonable good faith effort to reach an agreement, as determined by the City, with the consulting tribes with regards to items a-d, as listed above.						
MM CUL-4: Treatment and Disposition of	Cultural Resources	1		1		1
In the event the Native American cultural resources are inadvertently discovered during grading for this project, the following procedures will be carried out for treatment and disposition of the discoveries:	Provide the City evidence that consulting tribes have been notified within 24 hours of discovery	During construction activities (grading)	Community & Economic Development Department - Planning Division and Historic Preservation Officer			
 Consulting Tribes Notified: within 24 hours of discovery, the consulting tribe(s) shall be notified via email and phone. Consulting tribe(s) will be allowed access to the discovery, to assist with the significance evaluation. 	Submittal of report that documents the finding and disposition of any Native American		Consulting Tribe(s) Construction Contractor Landowner			

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2.	Temporary Curation and Storage: During construction, all discovered resources shall be temporarily curated in a secure location on site. The removal of any artifacts from the project site shall require the approval of the Consulting Tribes and all resources subject to such removal must be thoroughly inventoried with a tribal monitor from each consulting tribe to oversee the process; and Treatment and Final Disposition: The landowner(s) shall relinquish ownership of all cultural resources including sacred items, burial goods, and all archaeological artifacts and non-human remains as part of the required mitigation for impacts to cultural resources. The Applicant shall relinquish the artifacts through one or more of the following methods and provide the City of Riverside Community and Economic Development Department with evidence of same: a. Preservation-In-Place of the cultural resources, if feasible as determined through coordination between the project archeologist, developer/applicant, and consulting tribal monitor(s). Preservation i place means avoiding the	If resources are found and curated, provide a copy of the curation agreement to the City Submittal of a Phase IV Monitoring Report to City		Project Applicant			

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resources, leaving them in the place where they were found with no development affecting the integrity of the resources in perpetuity. b. Accommodate the process for on-site reburial of the discovered items with the consulting Native American tribes or bands. This shall include measures and provisions to protect the future reburial area from any future impacts. Reburial shall not occur until all cataloguing and basic recordation have been completed, with an exception that sacred items, burial goods, and Native American human remains are excluded. No cataloguing, analysis, or other studies may occur on sacred items, human remains, and grave goods. Any reburial process shall be culturally appropriate. List of contents and location of the reburial shall be included in the confidential Phase IV	Method					

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monitoring activities conducted by the project archaeologist and Native Tribal Monitors within 60 days of completion of grading. This report shall document the impacts to the known resources on the property; describe how each mitigation measure was fulfilled; document the type of cultural resources recovered and the disposition of such resources; provide evidence of the required cultural sensitivity training for the construction staff held during the required pre-grade meeting; and in a confidential appendix include the daily/weekly monitoring notes from the archaeologist. All reports produced will be submitted to the City of Riverside, Eastern Information Center, and consulting tribes.						
MM CUL-5 Cultural Sensitivity Training		Ī		· 1	•	
The Secretary of Interior Standards County certified archaeologist and Native American monitors shall attend the pre-grading meeting with the developer/permit holder's contractors to provide Cultural Sensitivity	Provide City with sign-in sheet for cultural and archaeological sensitivity training,	Prior to issuance of grading permit	Community & Economic Development Department – Planning Division			



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Training for all construction personnel. This shall include the procedures to be followed during ground disturbance in sensitive areas and protocols that apply if unanticipated resources are discovered. Only construction personnel who have received this training can conduct construction and disturbance activities in	conducted by a qualified archaeologist, for all construction site personnel.		Historic Preservation Officer Project Developer/Applicant Qualified Archaeologist			
sensitive areas. A sign-in sheet for attendees of this training shall be included in the Phase IV Monitoring Report.			Consulting Tribe(s)			
MM CUL-6 Fencing of the Avoided Sites	·					
current boundaries of the avoided sites (CA- RIV-11770, CA-RIV-11772, CA-RIV-2486, two milling slicks within CA-RIV-2488, and CA-RIV-2489) will be fenced and identified as an Environmental Sensitive Area (ESA). The project applicant will ensure that appropriate temporary fencing is installed i.e., orange fabric/barrier fencing) to prevent any unintentional disturbances to CA-RIV- 11770, CA-RIV-11772, CA-RIV-2486, two milling slicks within CA-RIV-2488, and CA- RIV-2489 during any earthmoving activities on the project site. The fencing will be installed before clearing and grubbing and will not be removed until all earthmoving activities have been completed and the wall in Parcel 4 has been constructed. The project archaeologist and Tribal Monitor(s) will be on site to monitor the fence	Submittal of plans showing installation of temporary construction fencing around identified sites to be avoided. Tribal Monitoring agreed upon in approved Archeological Monitoring Plan Inspection of installed temporary fencing Periodic inspections during construction	Prior to issuance of grading permit and any ground disturbing activities	Community & Economic Development Department – Planning Division and Building & Safety Division Historic Preservation Officer Project Applicant Qualified Archaeologist Consulting Tribe(s)/ Tribal Monitor(s) Construction Contractor			

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If the project archaeologist and/or Tribal Monitor(s) identify a breach of the fence, i.e., removal, cut, depressed, driven over or intentionally breached in any way, all work within a 25-foot buffer shall cease and the Project Applicant, City, project archaeologist and the Monitoring Tribe(s) shall meet and confer as to the best method to repair the fencing. The person(s) responsible for the breach and the Construction Supervisor (or appropriate supervisory personnel) shall be required to retake the sensitivity training provided at the beginning of construction, in addition to any other remedies considered appropriate.							
MM CUL-7 Relocation of Impacted Sites		-	-			-	
Prior to any grading in the associated areas, the Project Applicant shall meet with the Project Archaeologist and the Consulting Tribe(s) in order to assess CA-	the City that the Project applicant has met with a	Prior to issuance of grading permit and grading activities.	Community & Economic Development Department - Planning Division				
RIV-11769, CA-RIV-2487, and two milling slicks within CA-RIV-2488 to determine the suitability for relocation to a permanent	qualified Project archaeologist and the Consulting		Historic Preservation Officer				
open space area. The Consulting Tribe(s) shall work with the Project Archaeologist, Drainet Applicant, and the grading	Tribe(s) to assess cultural resources for relocation.		Project Applicant				
Project Applicant, and the grading contractor or appropriate personnel to ensure that every effort is made to relocate			Qualified Archaeologist				
the Features safely and to discuss the most appropriate methods for relocation.	Provide City with report prepared by Qualified		Consulting Tribe(s)				
Using professional archaeological methods, the milling slicks associated with Sites CA-RIV-11769, CA-RIV-2487, and CA-RIV-2488 shall be relocated to the planned open space area in the northern	Archaeologist detailing methods to be used for relocation.		Construction Contractor				

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portion of the Project site. The Tribe(s) should be able to access these areas in the future through enforceable agreement. Before construction activities may resume in the affected area, any visible artifacts shall be recovered and recorded, and the features recorded using professional archaeological methods. The current Department of Parks and Recreation forms for the sites shall be updated, detailing which features were relocated, the process taken, and updated maps using sub meter GIS technology to document the new location of each feature. The relocation information shall be included in a Phase IV Monitoring Report. The site record should clearly indicate that the Features are not in their original location and why they were relocated.	Recordation of enforceable access agreement with Consulting Tribe (s) to relocated resources. Provide evidence to the City of recovery and recordation of visible artifacts. Provide evidence to the City that Department of Parks and Recreation forms for the sites have been updated. Submittal of a completed Phase IV Monitoring Report.						
MM CUL-8 Long-Term Preservation Plan	Γ	1				T	
 Prior to occupancy, a Long-Term Preservation Plan (LTPP) shall be prepared among the City, Landowner, and Consulting Tribe(s). The LTPP should include the following: a) Description of archeological resources. b) Documentation of resources of concern, such as high- 	Provide copy of consultation logs showing Applicant's effort to contact interested tribes and the outcome of any such consultation regarding the LTPP	Prior to occupancy	Community & Economic Development Department Planning Division Historic Preservation Officer Qualified Archaeologist Consulting Tribe(s)				

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resolution photographs or similar	Provide copy of LTPP, prepared by a		Project Applicant			
c) Listing of Preservation Actions to Dated) The determination of	qualified archaeologist, to the		Construction Contractor			
responsibility for care, maintenance, and guidance in the event preserved resources [CA-RIV-11770, CA-RIV- 11772, CA-RIV-2486, two milling slicks within CA-RIV- 2488, and CA-RIV-2489] should be vandalized or damaged. This section should also address responsibility for regular site condition assessments to determine if resources are being affected by project construction and later operations.	City.					
MM CUL-9 Controlled Grade						
Sites CA-RIV-11769, CA-RIV-11770, CA-	Provide copy of	Prior to issuance of	Community & Economic	1		
RIV-11772, CA-RIV-2486, CA-RIV-2487, CA-RIV-2488, and CA-RIV-2489 will be impacted during grading and construction	consultation logs showing Applicant's effort to contact	grading permit and grading/construction activities	Development Department - Planning Division			
activities and the soils surrounding them will be disturbed. Prior to any grading in the	interested tribes and the outcome of any		Public Works Department			
associated areas, the Project Applicant, the Consulting Tribes, and the City will formalize a written agreement to identify the area that will be subject to "Controlled	such consultation regarding the controlled grading plan.		Historic Preservation Officer			
Grading" during construction of the Project. The Pechanga and Soboba Tribes, the	Provide Controlled		Qualified Archeologist			
Project Applicant, and the City will develop an exhibit that outlines the area subject to	Grading Plan to City		Consulting Tribe(s)			

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controlled grading, and that area will be highlighted on the rough grading plans,	for review and approval		Project Applicant			
precise grading plans or other off-site improvement plans that may impact this site. "Controlled Grading" shall include,	Tribal Monitoring		Project Contractor			
without limitation, the slow and deliberate excavation and removal of soils employing the smallest reasonable cuts in certain	Periodic Inspections					
the smallest reasonable cuts in certain areas using light scrapers (for example Caterpillar 623 or 627), dozers (for example D6- D8), front end loaders, excavators, skip loaders, dump trucks, and motor graders. A controlled grading plan will be monitored by the Project Archeologist and Tribal Monitor(s) to ensure the systematic removal of the	Submittal of a completed Phase IV Monitoring Report.					
ground surface surrounding these features are monitored to allow for the identification of resources. Results of all controlled grading activities shall be included in the Phase IV monitoring report.						
Geology and Soils						
MM GEO-1						
If one or more fossils are discovered during construction, all ground disturbing activities within 50 feet of the area of the find shall be ceased and the applicant shall retain a paleontologist who meets the Society of Vertebrate Paleontology (SVP) qualifications standards for the Project Paleontologist to oversee the documentation of the extent and potential significance of the find as well as recovery efforts. Ground-disturbing activities may resume around the finds at the discretion of the Project Paleontologist. If the fossils are significant pre the SVP's 2010 criteria, then	Submit report prepared by qualified paleontologist to to the City	During Construction activities	Community & Economic Development Department - Planning Division Qualified Paleontologist Project Contractor			



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paleontological monitoring shall be conducted on an as-needed bases for further ground-disturbing activities in the Project area.						
Greenhouse Gases			-			
MM AIR-1						
Same as above						
Hazards & Hazardous Materials	1	1	1			
MM AIR-1						
Same as above						
Noise						
MM NOI-1						
 Prior to issuance of grading and construction activities, should least Bell's vireo (LBVI) be present in the Sycamore Canyon Wilderness Park within 300 feet of the Project site, in Parcel 'A' on-site conservation area, or within Parcel B onsite conservation area within 100 feet of the development footprint, construction noise impacts shall be minimized through implementation of the following measure: 1. A 12-foot-high temporary noise barrier shall be installed at the perimeter of the limits of disturbance between the construction activities and the adjacent Sycamore Canyon Wilderness Park to the north and east, and the on-site conservation areas as shown in DEIR Figure 5.11-5 – Construction Barrier. The barrier shall be continuous without openings, holes, or cracks, and 	Submittal of a Preconstruction survey for LBVI to the City. Approval of Grading Plans. Plans must be in compliance with the required specifications of the mitigation measure.	Thirty (30) days prior to the issuance of grading permits and during any construction and ground-disturbing activities.	Community & Economic Development Department - Planning Division Public Works Department Project Applicant Qualified Biologist Regional Conservation Authority (RCA) California Department of Fish and Wildlife (CDFW) Construction Manager			

Mitigat	ion Measure/	Action Required/	Implementation	Responsible Monitoring	Cor	nplianc	e Verification
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	shall reach the ground. The barrier						
	may be constructed with 1-inch						
	plywood and provide a reduction of						
	at least 10 dB(A) to ensure noise						
	levels do not exceed 65 dB(A) L_{eq} at						
	the Sycamore Canyon Wilderness						
	Park and on-site conservation						
	areas. Other barrier materials						
	providing the same reduction shall						
	also be permitted.						
2.	Heavy grade rubber mats/pads						
	shall be used within the bed of the						
	trucks. These mats will help						
	attenuate initial impact noise						
	generated when an excavator						
	drops rock and debris into the bed						
	of the truck. These mats must be						
	maintained and/or replaced as						
	necessary.						
3.	During all Project site excavation						
	and grading on-site, construction						
	contractors shall equip all						
	construction equipment, fixed or						
	mobile, with properly operating and						
	maintained mufflers, consistent						
	with manufacturer standards.						
4.	The contractor shall place all						
	stationary construction equipment						
	so that emitted noise is directed						
	away from the noise sensitive						
F	receptors nearest the Project site. Equipment shall be shut off and not					1	
5.	left to idle when not in use.					1	
F						1	
6.							
	equipment staging in areas that will create the greatest distance					1	
	between construction-related					1	
	between construction-related				1		

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	noise/vibration sources and sensitive receptors nearest the Project site during all Project construction.						
7.	The Project proponent shall mandate that the construction contractor prohibit the use of music or sound amplification on the Project site during construction.						
8.	The construction contractor shall limit haul truck deliveries to the same hours specified for construction equipment (7:00 a.m. to 6:00 p.m. on weekdays, and 8:00 a.m. to 5:00 p.m. on Saturdays).						
	The use of heavy equipment or vibratory rollers and soil compressors shall be limited along the Project boundaries to the greatest degree possible. It is acknowledged that some soil compression may be necessary along the Project boundaries.						
10.	Any jackhammers, pneumatic equipment and all other portable stationary noise sources shall be shielded, and noise shall be directed away from sensitive receptors.						
the con the con become should the con	duration of construction activities, struction manager shall serve as tact person should noise levels disruptive to residents. A sign be posted at the Project site with tact phone number. This sign shall ed at the Alessandro Boulevard						

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frontage as well as the Barton Street frontage.						
Tribal Cultural Resources						
MM CUL-1						
Same as above						
MM CUL-2: Archaeological and Paleontological and Pa	ogical Monitoring					
Same as above						
MM CUL-3: Native American Monitor						
Same as above						
MM CUL-4: Treatment and Disposition of	Cultural Resources					
Same as above						
MM CUL-5: Cultural Sensitivity Training						
Same as above						
MM CUL-6: Fencing of the Avoided Sites	-	-				-
Same as above						
MM CUL-7: Relocation of Impacted Sites	1				1	
Same as above						
MM CUL-8: Long-Term Preservation Plan	1				1	
Same as above						
MM CUL-9: Controlled Grade						
Same as above						