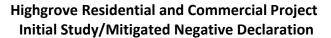
Highgrove Residential and Commercial Development At Mount Vernon Avenue and Center Street Project

Appendix M

Mitigation, Monitoring and Reporting Plan





Terms and Definitions:

- 1. **Property Owner/Developer** Owner or developer of Highgrove Residential and Commercial Development Project.
- 2. **Environmental Equivalent/Timing** Any mitigation measure and timing thereof, subject to the approval of the County, which will have the same or superior result and will have the same or superior effect on the environment. The Planning Department, in conjunction with any appropriate agencies or County departments, shall determine the adequacy of any proposed "environmental equivalent/timing" and, if determined necessary, may refer said determination to the Board of Supervisors. Any costs associated with information required in order to make a determination of environmental equivalency/timing shall be done by the property owner/developer. Staff time for reviews will be charged on a time and materials basis at the rate in the County's adopted Fee Schedule.
- 3. **Implementation Timing** This is the point where a mitigation measure must be monitored for compliance. In the case where multiple action items are indicated, it is the first point where compliance associated with the mitigation measure must be monitored. Once the initial action item has been complied with, no additional monitoring pursuant to the Mitigation Monitoring Plan will occur, as routine County practices and procedures will ensure that the intent of the measure has been complied with. For example, if the timing is "to be shown on approved building plans" subsequent to issuance of the building permit consistent with the approved plans will be final building and zoning inspections pursuant to the building permit to ensure compliance.
- 4. **Responsibility Monitoring Party** Shall mean that compliance with the subject mitigation measure(s) shall be reviewed and determined adequate by all departments listed for each mitigation measure. Outside public agency review is limited to those public agencies specified in the Mitigation Monitoring Plan which have permit authority in conjunction with the mitigation measure.
- 5. **Ongoing Mitigation Measures** The mitigation measures that are designated to occur on an ongoing basis as part of this Mitigation Monitoring Plan will be monitored in the form of an annual letter from the property owner/developer in January of each year demonstrating how compliance with the subject measure(s) has been achieved. When compliance with a measure has been demonstrated for a period of one year, monitoring of the measure will be deemed to be satisfied and no further monitoring will occur. For measures that are to be monitored "Ongoing During Construction", the annual letter will review those measures only while construction is occurring; monitoring will be discontinued after construction is complete. A final annual letter will be provided at the close of
- 6. **Project Design Features** These design features are proposed with the implementation of the project and are either already depicted on the Proposed Project site plans and architectural plans or are required from County and State Regulations.
- 7. **Building Permit** For purposes of this Mitigation Monitoring Plan, a building permit shall be defined as any permit issued for construction of a new building or structural expansion or modification of any existing building, but shall not include any permits required for interior tenant improvements or minor additions to an existing structure or building.



Mitigation Monitoring and Reporting Program

Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
Cultural Resources	MM-CUL-1: Prior to issuance of grading permits: The applicant/developer shall provide evidence to the County of Riverside Planning Department that a County certified professional archaeologist has been contracted to implement a Cultural Resource Monitoring Program (CRMP). A CRMP shall be developed in coordination with the consulting tribes that addresses the details of all activities and provides procedures that must be followed in order to reduce the impacts to cultural and historic resources to a level that is less than significant as well as address potential impacts to undiscovered buried	Prior to and during grading and construction	Planning, Engineering, and Building Dept.	
	archaeological resources associated with this project. This document shall be provided to the County Archaeologist for review and approval prior to issuance of the grading permit. The CRMP shall contain at a minimum the following:			
	Archaeological Monitor An adequate number of qualified archaeological monitors shall be onsite to ensure all earth moving activities are observed for areas being monitored. This includes all grubbing, grading and trenching onsite and for all offsite improvements. Inspections will vary based on the rate of excavation, the materials excavated, and the presence and abundance of artifacts and features. The frequency and location of inspections will be determined sand directed by the Project Archaeologist.			



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	Cultural Sensitivity Training - The Project Archaeologist			
	and if required, a representative designated by the Tribe			
	shall attend the pre-grading meeting with the contractors			
	to provide Cultural Sensitivity Training for all			
	construction personnel. Training will include a brief			
	review of the cultural sensitivity of the Project and the			
	surrounding area; the areas to be avoided during grading			
	activities; what resources could potentially be identified			
	during earthmoving activities; the requirements of the			
	monitoring program; the protocols that apply in the			
	event unanticipated cultural resources are identified,			
	including who to contact and appropriate avoidance			
	measures until the find(s) can be properly evaluated; and			
	any other appropriate protocols. This is a mandatory			
	training and all construction personnel must attend prior to beginning work on the project site. A sign-in sheet for			
	attendees of this training shall be included in the Phase			
	IV Monitoring Report.			
	iv Workoring Report.			
	Unanticipated Resources - In the event that previously			
	unidentified potentially significant cultural resources are			
	discovered, the Archaeological and/or Tribal Monitor(s)			
	shall have the authority to divert or temporarily halt			
	ground disturbance operations in the area of discovery to			
	allow evaluation of potentially significant cultural			
	resources. The Project Archaeologist, in consultation			
	with the Tribal monitor, shall determine the significance			
	of the discovered resources. The County Archaeologist			
	must concur with the evaluation before construction			
	activities will be allowed to resume in the affected area.			
	Further, before construction activities are allowed to			
	resume in the affected area, the artifacts shall be			



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	recovered and features recorded using professional archaeological methods. The Project Archaeologist shall determine the amount of material to be recovered for an adequate artifact sample for analysis. Isolates and clearly non-significant deposits shall be minimally documented in the field and the monitored grading can proceed. Artifact Disposition- the landowner(s) shall relinquish ownership of all cultural resources that are unearthed on the Project property during any ground-disturbing activities, including previous investigations and/or Phase			
	III data recovery. The Professional Archaeologist may submit a detailed letter to the County of Riverside during grading requesting a modification to the monitoring program if circumstances are encountered that reduce the need for monitoring.			
Cultural Resources	MM-CUL-2: 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. Further, pursuant to Public Resources Code Section 5097.98 (b), remains shall be left in place and - Planning-CUL. 1 Artifact Disposition (cont.) Not Satisfied free from disturbance until a final decision as to the treatment and their disposition has been made. If the Riverside County Coroner determines the remains to be Native American, the Native American Heritage Commission shall be contacted by the Coroner within the period specified by law (24 hours). Subsequently, the Native American	During grading and construction	Planning, Engineering, and Building Dept.	



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	Heritage Commission shall identify the "Most Likely Descendant". The Most Likely Descendant shall then make recommendations and engage in consultation with the property owner concerning the treatment of the remains and any associated items as provided in Public Resources Code Section 5097.98			
Noise	MM-NOI-1: The project applicant shall construct a minimum 5.0-foot high solid wall on the west side of the Lot for Building 15 that is adjacent to Mt Vernon Avenue. The wall shall be constructed of concrete masonry units (CMUs) and shall be free of any decorative cutouts or openings.	During construction	Planning, Engineering, and Building Dept.	Grading Plans; Building Plans; On- site inspections
	Project Design Features			
Air Quality	PDF-AQ-1: Prior to issuance of an occupancy permit, the property owner/developer shall provide all single-family homes with separate bins for trash and recycling and shall require that the trash enclosures at the commercial buildings are designed to accommodate both trash and recycle bins.	Prior to occupancy permit	Planning, Engineering, and Building Dept.	
Air Quality	PDF-AQ-2: Prior to issuance of a grading permit, the property owner/developer shall demonstrate on grading plans that the gasoline storage tanks for the proposed gas station be located underground as currently detailed on the Site Plan.	Prior to grading permit	Planning, Engineering, and Building Dept.	
Noise	PDF-NOI-1: Prior to issuance of a building permit, the property owner/developer shall demonstrate on building plans that the proposed homes will utilize standard dual pane windows with a minimum Sound Transmission Class (STC) rating of 26 STC for all conditioned rooms.	Prior to building permit issuance	Building and Planning Dept.	



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
Noise	PDF-NOI-2: Prior to issuance of a building permit, the property owner/developer shall demonstrate on building plans that the proposed single-family homes will utilize a "windows closed" condition, which requires a means of mechanical ventilation per Chapter 12, Section 1205 of the Uniform Building Code. This shall be achieved with a standard forced air conditioning and heating system with a filtered outside air intake vent for each residential unit.	Prior to building permit issuance	Building and Planning Dept.	
Noise	PDF-NOI-3: Prior to the issuance of the grading permit, the property owner/developer shall submit a construction-related noise mitigation plan to the County for review and approval. The plan shall depict the locations of where construction equipment would operate on the Project Site and how the noise from the construction equipment would be mitigated during construction of the project, through use of such methods as: 1. Temporary noise attenuation fences; 2. Preferential location of equipment; and 3. Use of current noise suppression technology and equipment.	Prior to grading permit issuance	Planning, Engineering, and Building Dept.	
Noise	PDF-NOI-4: Prior to issuance of a grading permit, the property owner/developer shall depict on the grading plans the combination retaining wall and 6-foot-high free-standing wall located between the commercial and residential portions of the Project Site, which shall be constructed first. The free-standing portion of the wall	Prior to grading permit issuance	Planning, Engineering, and Building Dept.	



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	shall be constructed of concrete masonry units (CMUs) and shall be free of any decorative cutouts or openings.			
	Project Specific Condition of Appl	 roval		
Biological Resources	COA-BIO-1: 30-day Burrowing Owl Preconstruction Survey Pursuant to Objectives 6 & 7 of the Species Account for the Burrowing Owl included in the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP), 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 who holds a Memorandum of Understanding with the County. The survey results shall be provided in writing to the Environmental Programs Division (EPD) of the Planning Department. If the grading permit is not obtained within 30 days of the survey, a new survey shall be required.		Riverside County Planning Department, Environmental Programs Division (EPD)	
	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. Burrowing Owl relocation shall only be allowed to take			
	place outside of the burrowing owl nesting season (nesting season is March 1 through August 31) and is required to be performed by a qualified biologist familiar			



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	with relocation methods. The County Environmental			
	Programs Department shall be consulted to determine			
	appropriate type of relocation (active or passive) and			
	potential translocation sites. Burrowing Owl Protection			
	and Relocation Plans and Biological Monitoring Plans are			
	required to be reviewed and approved by the California			
	Department of Fish and Wildlife.			
Biological Resources	COA-BIO-2: Nesting Bird Survey	Prior to	Riverside	
		grading or	County	
	Birds and their nests are protected by the Migratory Bird	building	Planning	
	Treaty Act (MBTA) and California Department of Fish and	permit	Department,	
	Wildlife (CDFW) Codes. Since the project supports	issuance	Environmental	
	suitable nesting bird habitat, removal of vegetation or		Programs	
	any other potential nesting bird habitat disturbances		Division (EPD)	
	shall be conducted outside of the avian nesting season.			
	Nesting bird season is February 15st through August 31st.			
	If habitat or structures that support nesting birds must be			
	cleared during the nesting season, a preconstruction			
	nesting bird survey shall be conducted.			
	The preconstruction nesting bird survey must be			
	conducted by a biologist who holds a current MOU with			
	the County of Riverside. If nesting activity is observed,			
	appropriate avoidance measures shall be adopted to			
	avoid any potential impacts to nesting birds. The nesting			
	bird survey must be completed no more than 3 days prior			
	to any ground disturbance. If ground disturbance does			
	not begin within 3 days of the survey date a second			
	survey must be conducted. Prior to the issuance of a			
	grading permit the project proponent must provide			
	written proof to the Riverside County Planning			



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	Department, Environmental Programs Division (EPD) that a biologist who holds an MOU with the County of Riverside has been retained to carry out the required survey. Documentation submitted to prove compliance prior to grading permit issuance must at a minimum include the name and contact information for the Consulting Biologist and a signed statement from the Consulting Biologist confirming that they have been contracted by the applicant to conduct a Preconstruction Nesting Bird Survey. In some cases EPD may also require a Monitoring and Avoidance Plan prior to the issuance of a grading permit. Prior to finalization of a grading permit or prior to issuance of any building permits the projects consulting biologist shall prepare and submit a report to Environmental Programs Division (EPD) documenting the results of the pre-construction nesting bird survey.			
Cultural Resources	COA-CUL-1: Artifact Disposition Artifact disposition In the event cultural resources are identified during ground disturbing activities, the landowner(s) shall relinquish ownership of all cultural resources and provide evidence to the satisfaction of the County Archaeologist that all archaeological materials recovered during the archaeological investigations (this includes collections made during an earlier project, such as testing of archaeological sites that took place years ago), have been handled through the following methods.	Prior to and during grading and construction	Planning, Engineering, and Building Dept.	



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	Historic Resources			
	All historic archaeological materials recovered during the			
	archaeological investigations (this includes collections			
	made during an earlier project, such as testing of			
	archaeological sites that took place years ago), have been			
	curated at the Western Science Center, a Riverside			
	County curation facility that meets State Resources			
	Department Office of Historic Preservation Guidelines for			
	the Curation of Archaeological Resources. Evidence shall			
	be in the form of a letter from the curation facility identifying that archaeological materials have been			
	received and that all fees have been paid.			
	received and that all rees have been paid.			
	Prehistoric and/or Tribal Cultural Resources			
	One of the following treatments shall be applied.			
	1. Preservation—in-place, if feasible is the			
	preferred option. Preservation in place			
	means avoiding the resources, leaving them			
	in the place where they were found with no			
	development affecting the integrity of the			
	resources.			
	2. Reburial of the resources on the Project			
	property. The measures for reburial shall be			
	culturally appropriate as determined			
	through consultation with the consulting			
	Tribe(s)and include, at least, the following: Measures to protect the reburial area from			
	any future impacts in perpetuity. Reburial			
	shall not occur until all required cataloguing			
	(including a complete photographic record)			
	and analysis have been completed on the			



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	cultural resources, with the exception that			
	sacred and ceremonial items, burial goods,			
	and Native American human remains are			
	excluded. No cataloguing, analysis, or other			
	studies may occur on human remains grave			
	goods, and sacred and ceremonial items. Any			
	reburial processes shall be culturally			
	appropriate and approved by the consulting			
	tribe(s). Listing of contents and location of			
	the reburial shall be included in the			
	confidential Phase IV Report. The Phase IV			
	Report shall be filed with the County under a			
	confidential cover and not subject to a Public			
	Records Request.			
	Human Remains			
	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. Further,			
	pursuant to Public Resources Code Section 5097.98 (b),			
	remains shall be left in place and free from disturbance			
	until a final decision as to the treatment and their			
	disposition has been made. If the Riverside County			
	Coroner determines the remains to be Native American,			
	the Native American Heritage Commission shall be			
	contacted by the Coroner within the period specified by			
	law (24 hours). Subsequently, the Native American			
	Heritage Commission shall identify the "Most Likely			
	Descendant". The Most Likely Descendant shall then			
	make recommendations and engage in consultation with			
	the property owner concerning the treatment of the			



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	remains and any associated items as provided in Public Resources Code Section 5097.98.			
Cultural Resources	Prior to Grading Permit Final Inspection, a Phase IV Cultural Resources Monitoring Report shall be submitted that complies with the Riverside County Planning Department's requirements for such reports for all ground disturbing activities associated with this grading permit. The report shall follow the County of Riverside Planning Department Cultural Resources (Archaeological) Investigations Standard Scopes of Work posted on the TLMA website. The report shall include results of any feature relocation or residue analysis required as well as evidence of the required cultural sensitivity training for the construction staff held during the required pre-grade meeting and evidence that any artifacts have been treated in accordance to procedures stipulated in the Cultural Resources Management Plan.	Prior to and during grading and construction	Planning, Engineering, and Building Dept.	
Cultural Resources	COA-CUL-3: Unanticipated Discoveries The developer/permit holder or any successor in interest shall comply with the following for the life of this permit. If during ground disturbance activities, unanticipated cultural resources* are discovered, the following procedures shall be followed: • All ground disturbance activities within 100 feet of the discovered cultural resource shall be	Prior to and during grading and construction	Planning, Engineering, and Building Dept.	



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	halted and the applicant shall call the County Archaeologist immediately upon discovery of the cultural resource. A meeting shall be 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. At the meeting with the aforementioned parties, a decision is to be made, with the concurrence of the County Archaeologist, as to the appropriate treatment (documentation, recovery, avoidance, etc.) for the cultural resource. Resource evaluations shall be limited to nondestructive analysis.			
	 Further ground disturbance shall not resume within the area of the discovery until the appropriate treatment has been accomplished. * 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. ** If not already employed by the project developer, a County approved archaeologist shall be employed by the project developer to assess the significance of the 			
	cultural resource, attend the meeting described above, and continue monitoring of all future site grading activities as necessary.			



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
Paleontological	COA-PALEO-1: PRIMP	Prior to	Planning,	
Resources		grading permit	Engineering,	
	Prior to issuance of grading permits:	issuance	and Building	
			Dept.	
	1. The applicant shall retain a qualified			
	paleontologist approved by the County to create and			
	implement a project-specific plan for monitoring site			
	grading/earthmoving activities (project paleontologist).			
	2. The project paleontologist retained shall review			
	the approved development plan and grading plan and			
	conduct any pre-construction work necessary to render			
	appropriate monitoring and mitigation requirements as			
	appropriate. These requirements shall be documented			
	by the project paleontologist in a Paleontological			
	Resource Impact Mitigation Program (PRIMP). This			
	PRIMP shall be submitted to the County Geologist for			
	approval prior to issuance of a Grading Permit.			
	Information to be contained in the PRIMP, at a minimum			
	and in addition to other industry standards and Society			
	of Vertebrate Paleontology standards, are as follows:			
	1. A corresponding County Grading Permit (BGR)			
	Number must be included in the title of the			
	report. PRIMP reports submitted without a BGR			
	number in the title will not be reviewed.			
	2. Description of the proposed site and planned			
	grading operations.			
	3. Description of the level of monitoring required			
	for all earth-moving activities in the project area.			



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	4. Identification and qualifications of the qualified paleontological monitor to be employed for grading operations monitoring.			
	5. Identification of personnel with authority and responsibility to temporarily halt or divert grading equipment to allow for recovery of large specimens.			
	6. Direction for any fossil discoveries to be immediately reported to the property owner who in turn will immediately notify the County Geologist of the discovery.			
	7. Means and methods to be employed by the paleontological monitor to quickly salvage fossils as they are unearthed to avoid construction delays.			
	8. Sampling of sediments that are likely to contain the remains of small fossil invertebrates and vertebrates.			
	Procedures and protocol for collecting and processing of samples and specimens.			
	10. Fossil identification and curation procedures to be employed.			
	11. Identification of the permanent repository to receive any recovered fossil material. *Pursuant			



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	the County "SABER Policy", paleontological fossils found in the County should, by preference, be directed to the Western Science Center in the City of Hemet. A written agreement between the property owner/developer and the repository must be in place prior to site grading.			
	12. All pertinent exhibits, maps and references.13. Procedures for reporting of findings.			
	14. Identification and acknowledgement of the developer for the content of the PRIMP as well as acceptance of financial responsibility for monitoring, reporting and curation fees. 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.			
	15. All reports shall be signed by the project paleontologist and all other professionals responsible for the report's content (eg. PG), as appropriate. One original signed copy of the report(s) shall be submitted to the County Geologist along with a copy of this condition and the grading plan for appropriate case processing and tracking. These documents should not be submitted to the project Planner, Plan Check			



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	staff, Land Use Counter or any other County office. In addition, the applicant shall submit proof of hiring (i.e. copy of executed contract, retainer agreement, etc.) a project paleontologist for the in-grading implementation of the PRIMP.			
	Safeguard Artifacts Being Excavated in Riverside County (SABER)			
Tribal Cultural Resources	COA-TCR-1: Native American Monitoring Prior to the issuance of grading permits, the developer/permit applicant shall enter into an agreement with the consulting tribe(s) for a Native American Monitor.	Prior to and during grading and construction	Planning Dept.	
	In conjunction with the Archaeological Monitor(s), the Native American Monitor(s) shall attend the pre-grading meeting with the contractors to provide Cultural Sensitivity Training for all construction personnel. In addition, the Native American Monitor(s) shall be on-site during all initial ground disturbing activities and excavation of each portion of the project site including clearing, grubbing, tree removals, grading and trenching. In conjunction with the Archaeological Monitor(s), the Native American Monitor(s) have the authority to temporarily divert, redirect or halt the ground disturbance activities to allow identification, evaluation, and potential recovery of cultural resources.			
	The developer/permit applicant shall submit a fully executed copy of the agreement to the County Archaeologist to ensure compliance with this condition			



Impact Category	Mitigation Measure	Implementation Timing	Responsible Monitoring Party	Monitoring/Reporting Method
	of approval. Upon verification, the Archaeologist shall clear this condition.			
	This agreement shall not modify any condition of approval or mitigation measure.			