March 12, 2015

### CASE NO. 2013.1179E 1700 Market Street

#### MITIGATION MONITORING AND REPORTING PROGRAM

	ATTACH MONITORING A Text for Adopt	ND REPOR	TING PROGRAM n Measures)		· · · · · · · · · · · · · · · · · · ·
Adopted Mitigation Measures	Responsibility for Implementation	Mitigation Schedule	Mitigation Action	Monitoring/Reporting Responsibility	Monitoring Schedule
MITIGATIC	N MEASURES AGRE	ED TO BY PROJ	ECT SPONSOR		
Cultural Resources			-		•••••
Project Mitigation Measure M-CP-1 – Archeological Testing (Mitigation Measure C2 in the Market and Octavia PEIR). Based on a reasonable presumption that archeological resources may be present within the project site, the following measures shall be undertaken to avoid any potentially significant adverse effect from the proposed project on buried or submerged historical resources. The project sponsor shall retain the services of an archaeological consultant from the rotational Department Qualified Archaeological Consultants List (QACL) maintained by the Planning Department archeologist. The project sponsor shall contact the Department archeological consultants on the QACL. The archeological consultant shall undertake an archeological testing program as specified herein. In addition, the consultant shall be available to conduct an archeological monitoring and/or data recovery program if required pursuant to this measure. The archeological consultant's work shall be conducted in accordance with this measure at the direction of the Environmental Review Officer (ERO). All plans and reports prepared by the consultant as specified herein shall be submitted first and directly to the ERO for review and comment, and shall be considered draft reports subject to revision until final approval by the ERO. Archeological monitoring and/or data recovery programs required by this measure could suspend construction of the suspension of construction can be extended beyond four weeks only if such a suspension is the only feasible means to reduce to a less than significant level potential effects on a significant archeological resource as defined in CEQA Guidelines Sect. 15064.5 (a) and (c).	Project sponsor/ archeological consultant at the direction of the Environmental Review Officer (ERO).	Prior to issuance of grading or building permits	Project sponsor to retain a qualified archeological consultant who shall report to the ERO.	Project sponsor/ archeological consultant at the direction of the ERO.	Archeological consultant shall be retained prior to any soil disturbing activities. Date Archeological consultant retained:

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Consultation with Descendant Communities: On discovery of an archeological site <sup>1</sup> associated with descendant Native Americans, the Overseas Chinese, or other potentially interested descendant group an appropriate representative of the descendant group and the ERO shall be contacted. The representative of the descendant group shall be given the opportunity to monitor archeological field investigations of the site and to offer recommendations to the ERO regarding appropriate archeological treatment of the site, of recovered data from the site, and, if applicable, any interpretative treatment of the associated archeological site. A copy of the Final Archaeological Resources Report shall be provided to the representative of the descendant group.	Project sponsor / archeological consultant in consultation with the ERO.	In the event archeological sites associated with descendent communities are found.	Project sponsor/ archeological consultant to contact and consult with ERO and representative of descendant group. Project sponsor/ archeological consultant to distribute Final Archaeological Resources Report to representative of the descendant group.	Project sponsor / archeological consultant in consultation with the ERO.	Archeological site associated with descendent communities found? Y N Date: Persons contacted: Date: Persons contacted: Date: Persons contacted: Date: Date of distribution of Final FARR:				

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<sup>1</sup> By the term "archeological site" is intended here to minimally include any archeological deposit, feature, burial, or evidence of burial.

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Archeological Testing Program. The archeological consultant shall prepare and submit to the ERO for review and approval an archeological testing plan (ATP). The archeological testing program shall be conducted in accordance with the approved ATP. The ATP shall identify the property types of the expected archeological resource(s) that potentially could be adversely affected by the proposed project, the locations recommended for testing. The purpose of the archeological testing program will be to determine to the extent possible the presence or absence of archeological resources and to identify and to evaluate whether any archeological resource encountered on the site constitutes an historical resource under CEQA.	Project sponsor/ archeological consultant at the direction of the ERO.	Prior to any soil-disturbing activities on the project site.	Archeologist shall prepare and submit draft ATP to the ERO. ATP to be submitted and reviewed by the ERO prior to any soils disturbing activities on the project site.	Project sponsor/ archeological consultant at the direction of the ERO.	Date ATP submitted to the ERO: Date ATP approved by the ERO: Date of initial soil disturbing activities:
At the completion of the archeological testing program, the archeological consultant shall submit a written report of the findings to the ERO. If based on the archeological testing program the archeological consultant finds that significant archeological resources may be present, the ERO in consultation with the archeological consultant shall determine if additional measures are warranted. Additional measures that may be undertaken include additional archeological testing, archeological monitoring, and/or an archeological data recovery program. No archeological data recovery shall be undertaken without the prior approval of the ERO or the Planning Department archeologist. If the ERO determines that a significant archeological resource is present and that the resource could be adversely affected by the proposed project, at the discretion of the project sponsor either:	Project sponsor/ archeological consultant at the direction of the ERO.	After completion of the Archeological Testing Program.	Archeological consultant shall submit report of the findings of the ATP to the ERO.	Project sponsor/ archeological consultant at the direction of the ERO.	Date archeological findings report submitted to the ERO: 
<ul> <li>A) The proposed project shall be re-designed so as to avoid any adverse effect on the significant archeological resource; or</li> <li>B) A data recovery program shall be implemented, unless the ERO determines that the archeological resource is of greater interpretive than research significance and that interpretive use of the resource is feasible.</li> </ul>					Y N Additional mitigation to be undertaken by project sponsor? Y N

Adopted Mitigation MeasuresResponsibility for ImplementationMitigation ScheduleMitigation ActionMonitoring/Reporting ResponsibilityArcheological Monitoring Program. If the ERO in consultation with archeological consultant determines that an archeological monitoring program shall be implemented the archeological monitoring program shall minimally include the following provisions:Froject sponsor/ archeological consultantProject sponsor/ archeological consultantAMP re archeological consultant•The archeological consultant shall determine what project activities shall be archeological monitor, foundation work, driving of piles (foundation, shoring, etc.), shall require archeological monitoring because of the risk these activities pose to potential archeological monitoring because of the risk these activities pose to potential archeological consultant shall advise all project contractors to be on the alet for evidence of the presence of the expected resource(s), on the alet for evidence of the presence of the expecte	ATTACHMENT 1: MITIGATION MONITORING AND REPORTING PROGRAM (Includes Text for Adopted Mitigation Measures)								
<ul> <li>archeological consultant determines that an archeological monitoring program shall be implemented the archeological monitoring program shall minimally include the following provisions:</li> <li>The archeological consultant, project sponsor, and ERO shall meet and consult on the scope of the AMP reasonably prior to any project-related soils disturbing activities commencing. The ERO in consultation with the archeological consultant shall determine what project activities shall be archeological consultant shall determine what project activities shall be archeological consultant shall determine what project activities shall be archeological monitoring because of the risk these activities pose to potential archaeological resources and to their depositional context;</li> <li>The archeological consultant shall advise all project contractors to be on the alert for evidence of the presence of the expected resource(s).</li> </ul>	Nitigation Mageuros Monitoring/Reporting Mo	lonitoring Schedule							
appropriate protocol in the event of apparent discovery of an direction of the sensitive soil- resources.	Implementation         Schedule         Action         Responsibility         Sc           arm. If the ERO in consultation with the mines that an archeological monitoring the archeological monitoring interacterity and the archeological monitoring into archeological monitori         Project sponsor/ archeological consultant/ archeological consultant/ archeological consultant/ archeological monitori/ contractor(s), at the direction of the ERO.         Project sponsor/ archeological consultant/ archeological monitori/ contractor(s) shall inplement the AMP, if required by the ERO.         Project sponsor/ archeological monitori/ consultant/ archeological monitor/ contractor(s) shall inplement the AMP, if required by the ERO.         Project sponsor/ archeological monitor/ consultant/ archeological monitor/ contractor(s) shall inplement the AMP, if required by the ERO.         Project sponsor/ archeological monitor/ contractor(s) shall inplement the AMP, if required by the ERO.         Date AMP archeological monitor/ contractor(s) shall inplement the AMP, if required by the ERO.         Date AMP archeological monitor/ contractor(s) shall inplement the AMP, if required by the ERO.         Date AMP archeological monitor/ contractor(s) shall inplement the AMP, if required by the ERO.         Date AMP archeological monitor/ contractor(s) shall inplement the AMP, if required by the ERO.         Date AMP archeological monitor/ contractor(s) shall inplement the AMP, if required by the ERO.         Date AMP archeological monitor/ contractor(s) shall inplement the AMP, if required by the ERO.         Date AMP archeological monitor/ contractor(s) shall inplement the AMP, if required by the ERO.         Date AMP archeological monitor/ contractor(s) shall inplement the AMP, if required by the ERO.         Date AMP archeo	Schedule ired? Date: Submitted to the approved by the mplementation en report findings of the							

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Adopted Mitigation Measures	Responsibility for Implementation	Mitigation Schedule	Mitigation Action	Monitoring/Reporting Responsibility	Monitoring Schedule
resource, the pile driving activity shall be terminated until an appropriate evaluation of the resource has been made in consultation with the ERO. The archeological consultant shall immediately notify the ERO of the encountered archeological deposit. The archeological consultant shall make a reasonable effort to assess the identity, integrity, and significance of the encountered archeological deposit, and present the findings of this assessment to the ERO.					
Whether or not significant archeological resources are encountered, the archeological consultant shall submit a written report of the findings of the monitoring program to the ERO.					

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<ul> <li>Archeological Data Recovery Program. The archeological data recovery program shall be conducted in accord with an archeological data recovery plan (ADRP). The archeological consultant, project sponsor, and ERO shall meet and consult on the scope of the ADRP prior to preparation of a draft ADRP. The archeological consultant shall submit a draft ADRP to the ERO. The ADRP shall identify how the proposed data recovery program will preserve the significant information the archeological resource is expected to contain. That is, the ADRP will identify what scientific/historical research questions are applicable to the expected resource, what data classes the resource is expected to possess, and how the expected data classes would address the applicable research questions. Data recovery, in general, should be limited to the portions of the historical property that could be adversely affected by the proposed project. Destructive data recovery methods shall not be applied to portions of the archeological resources if nondestructive methods are practical.</li> <li>The scope of the ADRP shall include the following elements:</li> <li><i>Field Methods and Procedures</i>. Description of selected cataloguing system and artifact analysis procedures.</li> <li><i>Discard and Deaccession Policy</i>. Description of and rationale for field and post-field discard and deaccession policies.</li> <li><i>Interpretive Program</i>. Consideration of an on-site/off-site public interpretive program during the course of the archeological data recovery program.</li> <li><i>Security Measures</i>. Recommended security measures to protect the archeological resource from vandalism, looting, and non-intentionally damaging activities.</li> <li><i>Final Report</i>. Description of proposed report format and distribution of results.</li> <li><i>Curation</i>. Description of the procedures and recommendations for the curation of any recovered data having potential research value, identification of apropriate curation facilities, and a summary of the accession policies of the</li></ul>	Project Sponsor/archeolo gical consultant at the direction of the ERO	If there is a determination that an ADRP program is required.	Project sponsor/ archeological consultant/ archeological monitor/ contractor(s) shall prepare and implement an ADRP if required by the ERO.	Project sponsor/ archeological consultant at the direction of the ERO.	ADRP required? Y N Date: Date of scoping meeting for ARDP: Date Draft ARDP submitted to the ERO: Date ARDP approved by the ERO: Date ARDP implementation complete:			

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sponsor, ERO, and MLD shall have discovery make all reasonable effor treatment of human remains and a objects with appropriate dignity (CEQ agreement should take into consid removal, recordation, analysis, custod of the human remains and associate Nothing in existing State regulations of the project sponsor and the ERO to The archeological consultant shall reta- human remains and associated o completion of any scientific analyses	associated or unassociated funerary disturbing activity shall comply with is shall include immediate notification of San Francisco and in the event of human remains are Native American a State Native American Heritage int a Most Likely Descendant (MLD) he archeological consultant, project up to but not beyond six days of ts to develop an agreement for the associated or unassociated funerary A Guidelines. Sec. 15064.5(d)). The eration the appropriate excavation, ianship, curation, and final disposition d or unassociated funerary objects. r in this mitigation measure compels accept recommendations of an MLD. In possession of any Native American r unassociated burial objects until of the human remains or objects as i such as agreement has been made	Project sponsor / archeological consultant in consultation with the ERO, San Francisco Coroner, NAHC, and MDL.	In the event human remains and/or funerary objects are found.	Project sponsor/ archeological consultant/ERO to contact the San Francisco Coroner/ NAHC/ MDL	Project sponsor / archeological consultant in consultation with the ERO, San Francisco Coroner, NAHC, and MDL.	Human remains and         associated or unassociated         funerary objects found?         Y       N         Date:         Persons contacted:         Date:         Date:         Persons contacted:

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Final Archeological Resources Report. The archeological consultant shall submit a Draft Final Archeological Resources Report (FARR) to the ERO that evaluates the historical significance of any discovered archeological resource and describes the archeological and historical research methods employed in the archeological testing/monitoring/data recovery program(s) undertaken. Information that may put at risk any archeological resource shall be provided in a separate removable insert within the final report. Once approved by the ERO, copies of the FARR shall be distributed as follows: California Archaeological Site Survey Northwest Information Center (NWIC) shall receive one (1) copy and the ERO shall receive a copy of the transmittal of the FARR to the NWIC. The Environmental Planning division of the Planning Department shall receive one bound, one unbound and one unlocked, searchable PDF copy on CD of the FARR along with copies of any formal site recordation forms (CA DPR 523 series) and/or documentation for nomination to the National Register of Historic Places/California Register of Historical Resources. In instances of high public interest in or the high interpretive value of the resource, the ERO may require a different final report content, format, and distribution than that presented above.	Project sponsor/ archeological consultant at the direction of the ERO.	After completion of the archeological data recovery, inventorying, analysis and interpretation.	Archeological consultant to submit a Draft Final Archeological Resources Report (FARR) to the ERO and once approved by the ERO, distribution of the Final FARR	Project sponsor/ archeological consultant at the direction of the ERO	Following completion of soil disturbing activities. Considered complete upon distribution of final FARR. Date Draft FARR submitted to ERO: Date FARR approved by ERO: Date of distribution of Final FARR: Date of submittal of Final FARR to information center:				

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Air Qu	Jality																		
	ct Improvement Measure M-A ation Measure C2 in the Market	Q-1 – Construction Air Quality and Octavia PEIR)	The project sponsor or the project sponsor's	The project sponsor or the project	The project sponsor or the project sponsor's Contractor	The project sponsor or the project sponsor's Contractor shall	The project sponsor or the project sponsor's Contractor shall comply												
•	roject sponsor or the project spo lowing:	onsor's Contractor shall comply with	Contractor shall comply with the following:	sponsor's Contractor shall comply	shall comply with the following:	comply with the following:	with the following:												
A. E	Engine Requirements			with the following:															
1	than 20 total hours over activities shall have engine Environmental Protection A Resources Board (ARB) Tier have been retrofitted with Emissions Control Strategy.	r than 25 hp and operating for more the entire duration of construction is that meet or exceed either U.S. gency (USEPA) or California Air 2 off-road emission standards, and an ARB Level 3 Verified Diesel Equipment with engines meeting Final off-road emission standards ement.																	
2	. Where access to alternativ portable diesel engines shall	e sources of power are available, be prohibited.																	
3	not be left idling for more except as provided in ex regulations regarding idling (e.g., traffic conditions, safe c shall post legible and visib Chinese, in designated queu	nes, whether for off-road or on-road equipment, shall idling for more than two minutes, at any location, provided in exceptions to the applicable state regarding idling for off-road and on-road equipment conditions, safe operating conditions). The Contractor legible and visible signs in English, Spanish, and designated queuing areas and at the construction site perators of the two minute idling limit.														at any location, applicable state -road equipment ), The Contractor n, Spanish, and			
4	operators on the mainten equipment, and require that s	construction workers and equipment ance and tuning of construction such workers and operators properly nt in accordance with manufacturer																	

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B. Waivers.							
designe require is limite waiver, equipm	ee (ERO) may waive th ment of Subsection (A)(2) ed or infeasible at the pro the Contractor must s	vironmental Review Officer or e alternative source of power if an alternative source of power ject site. If the ERO grants the ubmit documentation that the power generation meets the					
(A)(1) Level 3 not pr operati safety compel retrofitt waiver, road ec	if: a particular piece of of 3 VDECS is technically no oduce desired emissions ng modes; installation of hazard or impaired visibilit lling emergency need to us ed with an ARB Level 3 the Contractor must use quipment, according to Tab						
Compliance	Engine Emission	nce Step-down Schedule					
Alternative	Standard	Emissions Control					
1	Tier 2	ARB Level 2 VDECS					
2	Tier 2	ARB Level 1 VDECS					
3	Tier 2	Alternative Fuel*					
requirements ca meet Compliant Contractor can Alternative 1, th 2. If the ERO de equipment mee must meet Com	ce Alternative 1. If the ERG not supply off-road equipm	ject sponsor would need to D determines that the ent meeting Compliance eet Compliance Alternative tor cannot supply off-road					

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	(Includes) Adopted Mitigation Measures	Responsibility for Implementation	Mitigation Schedule	Mitigation Action	Monitoring/Reporting Responsibility	Monitoring Schedule
C.	Construction Emissions Minimization Plan. Before starting on-site construction activities, the Contractor shall submit a Construction Emissions Minimization Plan (Plan) to the ERO for review and approval. The Plan shall state, in reasonable detail, how the Contractor will meet the requirements of Section A.	Project sponsor/ contractor(s).	Prior to issuance of a permit specified in Section 106A.3.2.6 of the Francisco	Prepare and submit a Plan.	Project sponsor/ contractor(s) and the ERO.	Considered complete on findings by ERO that Plan is complete.
	1. The Plan shall include estimates of the construction timeline by phase, with a description of each piece of off-road equipment required for every construction phase. The description may include, but is not limited to: equipment type, equipment manufacturer, equipment identification number, engine model year, engine certification (Tier rating), horsepower, engine serial number, and expected fuel usage and hours of operation. For VDECS installed, the description may include: technology type, serial number, make, model, manufacturer, ARB verification number level, and installation date and hour meter reading on installation date. For off-road equipment using alternative fuels, the description shall also specify the type of alternative fuel being used.		Building Code.			
	<ol> <li>The ERO shall ensure that all applicable requirements of the Plan have been incorporated into the contract specifications. The Plan shall include a certification statement that the Contractor agrees to comply fully with the Plan.</li> </ol>					
	3. The Contractor shall make the Plan available to the public for review on-site during working hours. The Contractor shall post at the construction site a legible and visible sign summarizing the Plan. The sign shall also state that the public may ask to inspect the Plan for the project at any time during working hours and shall explain how to request to inspect the Plan. The Contractor shall post at least one copy of the sign in a visible location on each side of the construction site facing a public right-of-way.					

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Adopted Mitigation Measures Responsibility for Mitigation Mitigation Mitigation Monitoring/Reporting Monitoring Implementation Schedule Action Responsibility Schedule								
D. Monitoring. After start of Construction Activities, the Contractor shall submit quarterly reports to the ERO documenting compliance with the Plan. After completion of construction activities and prior to receiving a final certificate of occupancy, the project sponsor shall submit to the ERO a final report summarizing construction activities, including the start and end dates and duration of each construction phase, and the specific information required in the Plan.	Project sponsor/ contractor(s).	Quarterly.	Submit quarterly reports.	Project sponsor/ contractor(s) and the ERO.	Considered complete on findings by ERO that Plan is being/was implemented.			
Geology, Soils, and Seismicity								
Project Mitigation Measure M-GE-1 – Construction-Related Soils (Mitigation Measure G1 of the Market and Octavia PEIR):	Project sponsor	During Construction		Project sponsor/Building	On-site monitoring by project sponsor and			
Program- or project-level temporary construction-related impacts would be mitigated through the implementation of the following measures:			features	Department	Building Department			
BMPs erosion control features shall be developed with the following objectives and basic strategy:								
• Protect disturbed areas through minimization and duration of exposure.								
Control surface runoff and maintain low runoff velocities.								
Trap sediment on site.								
Minimize length and steepness of slopes.								