Exhibit C – MMRP

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
Mitigation Measures from the TCDP Area Plan EIR				
Cultural and Paleontological Resources				
Project Mitigation Measure 1- Construction Best Practices for Historic Resources (Implements TCDP PEIR Mitigation Measure M-CP-5a) The project sponsor of a development project in the plan area shall incorporate into construction specifications for the proposed project a requirement that the construction contractor(s) use all feasible means to avoid damage to adjacent and nearby historic buildings, including, but not necessarily limited to, staging of equipment and materials as far as possible from historic buildings to avoid direct impact damage; using techniques in demolition (of the parking lot), excavation, shoring, and construction that create the minimum feasible vibration; maintaining a buffer zone when possible between heavy equipment and historical resource(s) within 125 feet, as identified by the planning department; appropriately shoring excavation sidewalls to prevent movement of adjacent structures; design and installation of the new foundation to minimize uplift of adjacent soils; ensuring adequate drainage from adjacent sites; covering the roof of adjacent structures to avoid damage from falling objects; and ensuring appropriate security to minimize risks of vandalism and fire.	Project sponsor and/or construction contractor, and qualified historic preservation individual.	Prior to issuance of grading or excavation permit	Environmental Review Officer (ERO) , Planning Department Preservation Technical Specialist.	Considered complete upon project sponsor's submittal of Construction Specifications to ERO for review and approval
Project Mitigation Measure 2- Construction Monitoring Program for Historic Resources (Implements TCDP PEIR Mitigation Measure M-CP-5b) The project sponsor shall undertake a monitoring program to minimize damage to adjacent historic buildings and to ensure that any such damage is documented and repaired. The monitoring program would include the following components. Prior to the start of any ground-disturbing activity, the project sponsor shall engage a historic architect or qualified historic preservation professional to undertake a preconstruction survey of historical resource(s) identified by the planning department within 125 feet of planned construction to document and photograph the buildings' existing conditions. Based on the construction and condition of the resource(s), the consultant shall also establish a maximum vibration level that shall not be exceeded at each building, based on existing condition, character-defining features, soils conditions, and anticipated construction practices (a common standard is 0.2 inches per second, peak particle velocity). To ensure that vibration levels do not exceed the established standard, the project sponsor shall monitor	Project sponsor and/or construction contractor, and qualified historic preservation individual.	Prior to any ground- disturbing activities on the project site	ERO, Planning Department Preservation Technical Specialist.	Considered complete upon receipt by ERO of final report

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
vibration levels at each structure and shall prohibit vibratory construction activities that generate vibration levels in excess of the standard. Should vibration levels be observed in excess of the standard, construction shall be halted and alternative techniques put in practice, to the extent feasible. The consultant shall conduct regular periodic inspections of each building during ground-disturbing activity on the project site. Should damage to either building occur, the building(s) shall be remediated to its preconstruction condition at the conclusion of ground-disturbing activity on the site.				
Project Mitigation Measure 3- Subsequent Archeological Testing Program (Implements TCDP PEIR Mitigation Measure M-CP-1) 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 archaeologist. The project sponsor shall contact the Department archaeologist to obtain the names and contact information for the next three 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 project for up to a maximum of four weeks. At the direction of the ERO, the 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 and planning department archeologist or a qualified archeological consultant from the planning department pool.	Archeological consultant shall be under contract and ATP scope will reviewed and approved by ERO prior to issuance of the site permit.	ERO to review and approve the Archeological Testing Program.	Considered complete upon review and approval by ERO of results of Archeological Testing Program/Archeological Monitoring Program/Archeological Data Recovery Program, as applicable.
Archeological Testing Program. The archeological consultant shall prepare and submit to the ERO for review and approval an archeological testing plan	Archeological consultant at the direction of the ERO.	Archeological testing plan completed prior	Submittal of draft ATP to ERO for review and approval. Distribution of	Considered complete upon completion of the archeological testing

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
(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 testing method to be used, and 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. 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. 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: A) The proposed project shall be re-designed so as to avoid any adverse effect on the significant archeological resource; or 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.		to soil disturbing activities.	the ATP by the archeological consultant. Archeological consultant undertake activities specified in ATP and immediately notify ERO of any encountered archeological resource.	program outlined in the ATP.
Archeological Monitoring Program. If the ERO in consultation with the archeological consultant determines that an archeological monitoring program shall be implemented, the archeological consultant shall prepare an archeological monitoring plan (AMP): 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 archeologically monitored. In most cases, any soils-disturbing activities, such as demolition, foundation removal, excavation, grading, utilities installation, foundation work, driving of piles (foundation, shoring, etc.), site remediation, etc., shall require archeological monitoring because	Project sponsor/ archeological consultant at the direction of the ERO.	During soils- disturbing activities.	Project sponsor/archeological consultant shall meet and consult with ERO on scope of AMP. Archeological consultant to monitor soils-disturbing activities specified in AMP and immediately notify ERO of any encountered archeological resource.	Considered complete upon completion of archeological monitoring plan as outlined in the AMP.

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
of the risk these activities pose to potential archaeological resources and to their depositional context; Archeological monitoring shall conform to the requirements of the final AMP reviewed and approved by the ERO;				
The archeological consultant shall advise all project contractors to be on the alert for evidence of the presence of the expected resource(s), of how to identify the evidence of the expected resource(s), and of the appropriate protocol in the event of apparent discovery of an archeological resource;				
The archeological monitor(s) shall be present on the project site according to a schedule agreed upon by the archeological consultant and the ERO until the ERO has, in consultation with project archeological consultant, determined that project construction activities could have no effects on significant				
archeological deposits; The archeological monitor shall record and be authorized to collect soil samples and artifactual/ecofactual material as warranted for analysis; If an intact archeological deposit is encountered all				
If an intact archeological deposit is encountered, all soils-disturbing activities in the vicinity of the deposit shall cease. The archeological monitor shall be empowered to temporarily redirect demolition/excavation/pile driving/construction activities and equipment until the deposit is evaluated. If in the case of pile				
driving activity (foundation, shoring, etc.), the archeological monitor has cause to believe that the pile driving activity may affect an archeological 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.				
Archeological Data Recovery Program. The archeological data recovery program shall be conducted in accord with an archeological data recovery plan	ERO, archeological consultant, and	In the event that an archeological	Archeological consultant to	Considered complete upon completion of

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
(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.	project sponsor.	site is uncovered during the construction period.	prepare an ADRP and to undertake the archeological data recovery program in consultation with ERO.	archeological data recovery plan as outlined in the ADRP.
 The scope of the ADRP shall include the following elements: Field Methods and Procedures. Descriptions of proposed field strategies, procedures, and operations. Cataloguing and Laboratory Analysis. Description of selected cataloguing system and artifact analysis procedures. Discard and Deaccession Policy. Description of and rationale for field and post-field discard and deaccession policies. Interpretive Program. Consideration of an on-site/off-site public interpretive program during the course of the archeological data recovery program. Security Measures. Recommended security measures to protect the archeological resource from vandalism, looting, and non-intentionally damaging activities. Final Report. Description of proposed report format and distribution of results. Curation. Description of the procedures and recommendations for the curation of any recovered data having potential research value, identification of appropriate curation facilities, and a summary of the accession policies of the curation facilities. 				
Human Remains, Associated or Unassociated Funerary Objects. The treatment of human remains and of associated or unassociated funerary objects discovered during any soils disturbing activity shall comply with applicable State and Federal Laws, including immediate notification of the Office of the Chief Medical Examiner of the City and County of San Francisco and in the event of the Medical Examiner's determination that the	Archeological consultant, ERO, and Medical Examiner.	Following discovery of human remains.	Notification of ERO, Coroner and, as warranted, notification of NAHC.	Considered complete on finding by ERO that all State laws regarding human remains/burial objects have been adhered to, consultation

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
human remains are Native American remains, notification of the California State Native American Heritage Commission (NAHC) who shall appoint a Most Likely Descendant (MLD) (Pub. Res. Code Sec. 5097.98). The ERO shall also be immediately notified upon discovery of human remains. The archeological consultant, project sponsor, ERO, and MLD shall have up to but not beyond six days after the discovery to make all reasonable efforts to develop an agreement for the treatment of human remains and associated or unassociated funerary objects with appropriate dignity (CEQA Guidelines. Sec. 15064.5(d)). The agreement should take into consideration the appropriate excavation, removal, recordation, analysis, curation, possession, and final disposition of the human remains and associated or unassociated funerary objects. Nothing in existing State regulations or in this mitigation measure compels the project sponsor and the ERO to accept recommendations of an MLD. The archeological consultant shall retain possession of any Native American human remains and associated or unassociated burial objects until completion of any scientific analyses of the human remains or objects as specified in the treatment agreement if such as agreement has been made or, otherwise, as determined by the archeological consultant and the ERO. If no agreement is reached State regulations shall be followed including the reburial of the human remains and associated burial objects with appropriate dignity on the property in a location not subject to further subsurface disturbance (Pub. Res. Code Sec. 5097.98).				with MLD is completed as warranted, and that sufficient opportunity has been provided has been provided to the archeological consultant for scientific and historical analysis of remains and funerary objects.
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.	Archeological consultant at the direction of the ERO.	Following completion of cataloguing, analysis, and interpretation of recovered archeological data.	Archeological consultant to prepare FARR.	Considered complete upon review and approval of FARR by ERO.
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 Major Environmental Analysis 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	Archeological consultant at the direction of the ERO.	Following completion of FARR and review and approval by ERO.	Following approval from the ERO, archeological consultant to distribute FARR.	Considered complete upon certification to ERO that copies of FARR have been distributed.

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
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 Mitigation Measure 4: Garage/Loading Dock Attendant (Implements TCDP PEIR Mitigation Measure M-TR-5) The project sponsor shall ensure that building management employs attendant(s) for the project's garage. The attendant shall be stationed at the project's valet station to direct vehicles entering and exiting the building and avoid any safety-related conflicts with pedestrians on the sidewalk during the peak periods of traffic and pedestrian activity, with extended hours as dictated by traffic and pedestrian conditions and by activity in the project garage. The project shall also install audible and/or visible warning devices, or comparably effective warning devices as approved by the planning department and/or the Sustainable Streets Division of the Municipal Transportation Agency, to alert pedestrians of the outbound vehicles from the car elevators, as applicable. The project sponsor shall ensure that valet attendants actively manage vehicle traffic in the porte cochère area, passenger loading zone, and loading dock.	Project sponsor/ building management.	Ongoing during building occupancy.	ERO and planning department.	Considered complete upon verification of provisions by ERO or designated Planning staff.
Project Mitigation Measure 5: Loading Dock Management (Implements TCDP PEIR Mitigation Measure M-TR-7a) The project sponsor shall develop a loading dock management plan to ensure that off-street loading facilities are efficiently used and maintained and that trucks longer than can be safely accommodated are not permitted to use a building's loading dock. In order to do so, the project sponsor shall develop a plan for management and maintenance of the building's loading dock and truck turntable and shall ensure that tenants in the building are informed of limitations and conditions on loading schedule and truck size. Such a management plan shall include strategies such as the use of an attendant to direct and guide trucks, installing a "Full" sign at the loading dock driveway, limiting activity during peak hours, installation of audible and/or visual warning devices, and other features. The maintenance plan will include a schedule for routine maintenance of the truck turntable.	Project sponsor/ building management.	Prior to occupancy; Revise Management Plan as necessary to reflect changes in generally accepted technology or operation protocols, or changes in conditions.	ERO and planning department.	Initial completion upon receipt of Management Plan by ERO or designated Planning staff for review and approval. Periodically revise Management Plan during project operation.

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
Project Mitigation Measure 6: Construction Coordination (Implements TCDP PEIR Mitigation Measure M-TR-9) To minimize potential disruptions to transit, traffic, and pedestrian and bicyclists, the project sponsor and/or construction contractor shall develop a Construction Management Plan that could include, but not necessarily be limited to, the following: Limit construction truck movements to the hours between 9:00 a.m. and 4:00 p.m. (or other times, if approved by the Municipal Transportation Agency) to minimize disruption of traffic, transit, and pedestrian flow on adjacent streets and sidewalks during the weekday a.m. and p.m. peak periods. Identify optimal truck routes to and from the site to minimize impacts to traffic, transit, pedestrians, and bicyclists; and, Encourage construction workers to use transit when commuting to and from the site, reducing the need for parking. The project sponsor shall also coordinate with the Municipal Transportation Agency/Sustainable Streets Division, the Transbay Joint Powers Authority, and construction manager(s)/ contractor(s) for the Transit Center project, and with Muni, AC Transit, Golden Gate Transit, and SamTrans, as applicable, to develop construction phasing and operations plans that would result in the least amount of disruption that is feasible to transit operations, pedestrian and bicycle activity, and vehicular traffic. The Construction Management Plan would disseminate appropriate information to contractors and affected agencies with respect to coordinating construction activities to minimize overall disruptions and ensure that overall circulation in the project area is maintained to the extent possible, with particular focus on ensuring transit, pedestrian, and bicycle connectivity. The program would supplement and expand, rather than modify or supersede, any manual, regulations, or provisions set forth by SFMTA, the Department	Project sponsor and/or construction contractor.	Prior to project construction and throughout construction.	SFMTA, planning department, other affected agencies.	Considered complete upon project sponsor's submittal of construction management plan to MTA and planning department.
of Public Works, or other city departments and agencies, and Caltrans. Noise				
Project Mitigation Measure 7: Reduce Mechanical Equipment Noise (Implements TCDP PEIR Mitigation Measure M-NO-1e): After completing installation of the mechanical equipment but before receipt of any Certificate of Occupancy, the project sponsor shall conduct noise measurements to ensure that the noise generated by stationary equipment complies with section 2909 (b) and (d) of the San Francisco Noise	Project sponsor, acoustical consultant/ acoustical engineer.	Prior to receipt of Certificate of Occupancy.	Planning Department.	Considered complete upon submittal of an acoustic memorandum demonstrating measured noise levels do not exceed noise standards.

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
Ordinance. The noise measurements shall be conducted by persons qualified in acoustical analysis and/or engineering. To ensure that the project noise from mechanical equipment is minimized to meet the Noise Ordinance requirements, the project sponsor shall incorporate the following measures: • The generators shall include sound attenuators sufficient to not exceed 75 dBA at the project property plane. • The Level 4 air-handler unit air intake systems shall include 10 feet of intermally lined duct or a sound attenuator sufficient to not exceed 61 dBA at the project property plane. • The Level 6 exhaust fan air discharge system shall include 40 feet of intermally lined duct or a sound attenuator sufficient to not exceed 61 dBA at the project property plane. • The Level 32 air-handler unit air intake systems shall include 5 feet of intermally lined duct or a sound attenuator sufficient to not exceed 61 dBA at the project property plane. • The Level 32 exhaust fan air discharge systems shall include 5 feet of intermally lined duct or a sound attenuator sufficient to not exceed 61 dBA at the project property plane. • The Level 62 (also referenced as mechanical mezzanine) exhaust fan air discharge systems shall include 10 feet of internally lined duct or a sound attenuator sufficient to not exceed 61 dBA at the project property plane. On completion of such testing, the acoustical consultant/acoustical engineer shall submit a memorandum summarizing test results to the San Francisco Planning Department. If measured noise levels are found to exceed these standards, the project sponsor shall be responsible for implementing stationary equipment noise control measures or other acoustical upgrades such as additional noise insulation in mechanical rooms, until similar measurements of interior sound levels in sleeping or living rooms in residential units after installation of these upgrades demonstrate compliance with the noise ordinance standards above. No Certificate of Occupancy shall be issued for any part of the s				
Project Mitigation Measure 8: Control Exterior Amplified Noise (Implements TCDP PEIR Mitigation Measure M-NO-1e) To ensure that the project noise from amplified noise is minimized to meet the Noise Ordinance requirements (article 29 of the Police Code), the project	Project sponsor	During operation of the project.	Project sponsor to implement ongoing monitoring of amplified noise, as needed and on an on-going basis.	Project sponsor to monitor compliance on an on-going basis following start of operation. Monitoring to continue indefinitely.

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
 sponsor shall incorporate the following measures: During events on the Level 2 Terrace, the project sponsor shall ensure that amplified music be controlled to a noise level no greater than 57 dBA at 25 feet from the center of a given noise source (e.g., two loudspeakers, guitar amplifier, etc.). Permanent equipment (e.g., speakers) on-site and provided by the sponsor shall have electronic limiters and shall be set to maintain the 57 dBA at 25 feet limit. The sponsor shall ensure that speakers do not face sensitive receivers, including the mixed-use residential tower at 524 Howard Street. For temporary equipment brought for special events, the sponsor shall have a staff person with a sound level meter who would monitor the noise levels to ensure that the 57 dBA at 25 feet limit is maintained. Project Mitigation Measure 9: General Construction Noise Control Measures (Implements TCDP PEIR Mitigation Measure M-NO-2b) To ensure that project noise from construction activities is minimized to the maximum extent feasible, the project sponsor shall incorporate the following practices into the construction agreement to be implemented by the construction contractor during the entire construction phase of the proposed project: The project sponsor shall conduct noise monitoring at the beginning of major construction phases (e.g., demolition, excavation) to determine the need and the effectiveness of noise-attenuation measures. The project sponsor shall require the general contractor to ensure that equipment and trucks used for project construction utilize the best available noise control techniques (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures and acoustically-attenuating shields or shrouds, wherever feasible). The project sponsor shall require the general contractor to avoid placing stationary	Project sponsor and construction contractor(s).	Prior to site mobilization or use of any construction vehicles or equipment at the site and during construction.	Project sponsor to provide planning department with monthly reports during the construction period	Considered completed upon receipt of final monitoring report at completion of construction.

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
by as much as five dBA. To further reduce noise, the contractor shall locate stationary equipment in pit areas or excavated areas, if feasible. • The project sponsor shall require the general contractor to use impact tools (e.g., jack hammers, pavement breakers, and rock drills) that are hydraulically or electrically powered wherever possible to avoid noise associated with compressed air exhaust from pneumatically powered tools. Where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used, along with external noise jackets on the tools, which could reduce noise levels by as much as 10 dBA. • The project sponsor shall include noise control requirements in specifications provided to construction contractors. Such requirements could include, but not be limited to, performing all work in a manner that minimizes noise to the extent feasible; use of equipment with effective mufflers; undertaking the noisiest activities during times of least disturbance to surrounding residents and occupants, as feasible; and selecting haul routes that avoid residential buildings inasmuch as such routes are otherwise feasible. • Prior to the issuance of each building permit, along with the submission of construction documents, the project sponsor shall submit to the planning department and Department of Building Inspection (the building department) a list of measures to respond to and track complaints pertaining to construction noise. These measures shall include (1) a procedure and phone numbers for notifying the building department, the Department of Public Health, and the Police Department (during regular construction hours and off-hours); (2) a sign posted on-site describing permitted construction days and hours, noise complaint procedures and who to notify in the event of a problem, with telephone numbers listed, and a complaint hotline number that shall be answered at all times during construction; (3) designation of an on-site construction complaint and enforcement manager for t		Scriedule		

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
 information. The project sponsor shall limit construction to the hours of 7:00 a.m. to 8:00 p.m. per San Francisco Police Code Article 29. The project sponsor shall require that all construction equipment be in good working order and that mufflers are inspected to be functioning properly. Avoid unnecessary idling of equipment and engines. 				
Project Mitigation Measure 10- Construction Vehicle Emissions Minimization (Implements TCDP PEIR Mitigation Measure M-AQ-4a) To reduce construction vehicle emissions, the project sponsor shall incorporate the following into construction specifications: All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.	Project sponsor and construction contractor(s).	Prior to site mobilization or use of any construction vehicles or equipment at the site and during construction.	Project sponsor, contractor(s), and ERO.	Considered complete upon submittal and acceptance of certification statement.
 Project Mitigation Measure 11- Construction Vehicle Emissions Evaluation and Minimization (Implements TCDP PEIR Mitigation Measure M-AQ-5) The project sponsor or the project sponsor's contractor shall comply with the following: 1) Engine Requirements. a) All off-road equipment greater than 25 horsepower (hp) and operating for more than 20 hours over the entire duration of construction activities shall have engines that meet or exceed either U.S. Environmental Protection Agency (U.S. EPA) or California Air Resources Board (ARB) Tier 2 off-road emission standards and have been retrofitted with an ARB Level 3 Verified Diesel Emissions Control Strategy. Equipment with engines meeting Tier 4 Interim or Tier 4 Final off-road emissions standards automatically meet this requirement. b) Where access to alternative sources of power are available, portable diesel engines shall be prohibited. c) Diesel engines, whether for off-road or on-road equipment, shall not be left idling for more than two minutes, at any location, except as provided in exceptions to the applicable state regulations regarding 	Project sponsor and construction contractor(s).	Submit certification statement prior to construction activities requiring the use of off-road equipment.	Project sponsor, contractor(s) to submit certification statement to the ERO.	Considered complete upon submittal and acceptance of certification statement.

	IMPROVEMENT MEASU AS CONDITIONS OF AF		Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
safe operating visible signs in queuing areas the two minute d) The Contractor operators on equipment, and maintain and specifications. 2) Waivers a) The planning designee (ER requirement of limited or infeat the Contractor for onsite pow (1)(a). The ER (1)(a) if: a partial 3 VDECS is produce desire modes; installator impaired vite emergency ne with an ARB I.	department's Environment department departmen	chinese, in designated to remind operators of workers and equipment uning of construction and operators properly ince with manufacturer at all Review Officer or the source of power tive source of power tive source of power is ERO grants the waiver, that the equipment used equirements of section requirements of section ment with an ARB Level equipment would not to expected operating create a safety hazard there is a compelling in that is not retrofitted grants the waiver, the				
Compliance Alternative	Engine Emission Standard	Emissions Control				
	Tier 2	ARB Level 2 VDECS				
1			i I			
2	Tier 2	ARB Level 1 VDECS				

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
				,
contractor must meet Compliance Alternative 2. If the ERO determines that the contractor cannot supply off-road equipment meeting Compliance Alternative 2, then the contractor must meet Compliance Alternative 3. *Alternative Fuels are not a VDECS.				
 3) Construction Emissions Minimization Plan. Before starting on-site construction activities, the Contractor shall submit a Construction Emissions Minimization Plan to the ERO for review and approval. The plan shall state, in reasonable detail, how the Contractor will meet the requirements of section 1. a) 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. b) 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. c) The contractor shall make the plan available to the public for review on-site during work 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 	Project sponsor and construction contractor(s).	Prepare and submit a Plan prior to issuance of a permit specified in Section 106A.3.2.6 of the San Francisco Building Code.	Project sponsor, contractor(s) and the ERO.	Considered complete upon findings by the ERO that the Plan is complete.
construction site facing a public right-of-way. 4) 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	Project sponsor and construction contractor(s).	Submit quarterly reports.	Project sponsor, construction contractor(s) and the ERO.	Considered complete upon findings by the ERO that the Plan is being/has been implemented.

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
Project Mitigation Measure 12- Best Available Control Technology for Diesel Generators (Implements TCDP PEIR Mitigation Measure M-AQ-3) The project sponsor shall ensure that the backup diesel generators meet or exceed one of the following emission standards for particulate matter: (1) Tier 4 certified engine, or (2) Tier 2 or Tier 3 certified engine that is equipped with a California Air Resources Board (ARB) Level 3 Verified Diesel Emissions Control Strategy (VDECS). A non-verified diesel emission control strategy may be used if the filter has the same particulate matter reduction as the identical ARB verified model and if the Bay Area Air Quality Management District (air district) approves of its use. The project sponsor shall submit documentation of compliance with the air district New Source Review permitting process (Regulation 2, Rule 2, and Regulation 2, Rule 5) and the emission standard requirement of this mitigation measure to the planning department for review and approval prior to issuance of a permit for a backup diesel generator from any City agency.	Project sponsor and project contractor; air district.	Prior to issuance of a permit for a backup diesel generator	Project sponsor shall submit documentation to the Planning Department verifying best available control technology for all installed diesel generators on the project site.	Considered complete upon submittal of documentation to the Planning Department.

Improvement Measures

Transportation				
Project Improvement Measure 1- Install Conflict Striping To increase visibility of the driveway crossing and passenger loading zone, the project should construct a highly visible treatment on the street across the loading dock driveway and passenger loading zone. For example, skip stop conflict striping or solid green markings could be used in the bike lane to demarcate the conflict zones. Implementation of this improvement measure would require the review and approval of SFMTA.	Project sponsor and construction contractor(s).	Prior to issuance of occupancy permit and during construction.	Planning Department and SFMTA.	Considered complete upon installation of conflict striping.
Project Improvement Measure 2- Queue Abatement It shall be the responsibility of the owner/operator of any off-street parking facility with more than 20 parking spaces to ensure that vehicle queues do not occur regularly on the public right-of-way. A vehicle queue is defined as one or more vehicles (destined to the parking facility) blocking any portion of Natoma Street or sidewalk for a consecutive period of 3 minutes or longer on a daily or weekly basis.	Project sponsor, building management, and owner/operator of the parking facility to implement ongoing monitoring of vehicle queues indefinitely.	During operation of the project.	Project sponsor to implement ongoing monitoring of vehicle queues and employ abatement methods, as needed on an on-going basis.	Project sponsor to monitor compliance on an on-going basis following start of operation. Monitoring to continue indefinitely.

PROPOSED IMPROVEMENT MEASURES TO BE ADOPTED AS CONDITIONS OF APPROVAL	Responsibility for Implementation	Mitigation Action and Schedule	Monitoring/Report Responsibility	Status/Date Completed
If a recurring queue occurs, the owner/operator of the parking facility should employ abatement methods as needed to abate the queue. Suggested proactive methods may include: • Employment or deployment of additional valet staff to direct passenger loading activities • Installation of LOT FULL signs with active management by attendants • Use of off-site parking facilities • Implementation of additional transportation demand management strategies, including parking time limits, paid parking, time of day parking surcharge If the Planning Director, or his or her designee, suspects that a recurring queue is present, the Planning Department should notify the property owner in writing. Upon request, the owner/operator shall hire a qualified transportation consultant to evaluate the conditions at the site for no less than seven days. The consultant shall prepare a monitoring report to be submitted to the Planning Department for review. If the Planning Department determines that a recurring queue does exist, the facility owner/operator shall have 90 days from the date of the written determination to abate the queue.	Project sponsor, transportation consultant.	During operation of the project.	Transportation consultant to prepare a monitoring report.	Considered complete upon approval of monitoring report and abatement of vehicle queues to the Planning Director or designated Planning staff.