

Cleveland High School Comprehensive Modernization Project

Standard Conditions of Approval and Mitigation Measures Table¹

Reference #	Implementation Phase	Responsible Implementing Party ²	Applicable Standard Conditions of Approval (SCs) and Recommended Mitigation Measures (MMs)
AESTHETICS			
SC-AE-1	During project design	Design Builder	School Design Guide. This document outlines measures for re-use rather than destruction of historical resources. Requires the consideration of architectural appearance/consistency and other aesthetic factors during the preliminary design review for a proposed school upgrade project. Architectural quality must consider compatibility with the surrounding community.
SC-AE-2	During project design and operation	Design Builder and LAUSD, FSD, M&O	School Design Guide. This document outlines measures to reduce aesthetic impacts around schools, such as shrubs and ground treatments that deter taggers, vandal-resistant and graffiti-resistant materials, painting, etc.
SC-AE-3	During project design	Design Builder	LAUSD shall assess a proposed project's consistency with the general character of the surrounding neighborhood, including any proposed changes to the density, height, bulk, and setback of new building (including stadium), addition, or renovation. Where feasible, LAUSD shall make appropriate design changes to reduce or eliminate viewshed obstruction and degradation of neighborhood character. Such design changes could include, but are not limited to, changes to campus layout, height of buildings, landscaping, and/or the architectural style of buildings.
SC-AE-6	During and after installation of lights	Design Builder	School Design Guide. This document outlines requirements for lighting and measures to minimize glare for pedestrians, drivers and sports teams, and to avoid light spilling onto adjacent properties.

¹ The SCs and MMs provided in this table would be required to minimize potential environmental impacts associated with implementation of the Cleveland High School Modernization Project. The information in this table is preliminary and is subject to refinement during the project review process.

² LAUSD's OEHS will ensure compliance through monitoring and oversight.

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SC-AE-7	Prior to building occupation, first stadium event, or first use of lights	Design Builder	LAUSD shall reduce the lighting intensity from the new sources on adjacent residences to no more than two foot-candles, measured at the residential property line. LAUSD shall utilize hoods, filtering louvers, glare shields, and/or landscaping as necessary to achieve the standard. The lamp enclosures and poles shall also be painted to reduce reflection. Following installation of lights, the lighting contractor shall review and adjust lights to ensure the standard is met.
SC-AE-8	During project design and prior to building occupation, first stadium event, or first use of lights	Design Builder	<p>Design site lighting and select lighting styles and technologies to have minimal impact off-site and minimal contribution to sky glow. Minimize outdoor lighting of architectural and landscape features and design interior lighting to minimize trespass outside from the interior.</p> <p>International Dark-Sky Association (IDA) and the Illuminating Engineering Society (IES) Model Lighting Ordinance (MLO) shall be used a guide for environmentally responsible outdoor lighting. The MLO outdoor lighting has outdoor lighting standards that reduce glare, light trespass, and skyglow. The Joint IDA-IESNA Model Outdoor Lighting Ordinance (MLO) uses lighting zones (LZ0-4) which allow the District to vary the stringency of lighting restrictions according to the sensitivity of the area as well as consideration for the community. The MLO also incorporates the Backlight-Uplight-Glare (BUG) rating system for luminaires, which provides more effective control of unwanted light. IDA-IESNA Model establishes standards to:</p> <ul style="list-style-type: none"> • Limit the amount of light that can be used. • Minimize glare by controlling the amount of light that tends to create glare. • Minimize sky glow by controlling the amount of uplight. • Minimize the amount of off-site impacts or light trespass.
AIR QUALITY			
SC-AQ-2	During construction	Design Builder	LAUSD's construction contractor shall ensure that construction equipment is properly tuned and maintained in accordance with manufacturer's specifications, to ensure excessive emissions are not generated by unmaintained equipment.

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SC-AQ-4	During planning and construction	LAUSD OEHS and Design Builder	<p>LAUSD shall prepare an air quality assessment.</p> <p>If site-specific review of a school construction project identifies potentially significant adverse regional and localized construction air quality impacts, then LAUSD shall implement all feasible measures to reduce air emissions below the South Coast Air Quality Management District's (SCAQMD) regional and localized significance thresholds.</p> <p>LAUSD shall mandate that construction bid contracts include the measures identified in the air quality assessment. Measures shall reduce construction emissions during high emission construction phases from vehicles and other fuel driven construction engines, activities that generate fugitive dust, and surface coating operations. Specific air emission reduction measures include, but are not limited to, the following:</p> <p><u>Exhaust Emissions</u></p> <ul style="list-style-type: none"> • Schedule construction activities that affect traffic flow to off-peak hours (e.g. between 10:00 a.m. and 3:00 p.m.). • Consolidate truck deliveries and/or limit the number of haul trips per day. • Route construction trucks off congested streets. • Employ high pressure fuel injection systems or engine timing retardation. • Utilize ultra-low sulfur diesel fuel, containing 15 ppm sulfur or less (ULSD) in all diesel construction equipment. • Use construction equipment rated by the United States Environmental Protection Agency as having Tier 3 (model year 2006 or newer) or Tier 4 (model year 2008 or newer) emission limits for engines between 50 and 750 horsepower. • Restrict non-essential diesel engine idle time to not more than five consecutive minutes. • Utilize electrical power rather than internal combustion engine power generators as soon as feasible during construction. • Utilize electric or alternatively fueled equipment, if feasible. • Utilize construction equipment with the minimum practical engine size. • Utilize low-emission on-road construction fleet vehicles. • Ensure construction equipment is properly serviced and maintained to the manufacturer's standards.

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			<p><u>Fugitive Dust</u></p> <ul style="list-style-type: none"> • Apply non-toxic soil stabilizers according to manufacturers' specification to all inactive construction areas (previously graded areas inactive for ten days or more). • Replace ground cover in disturbed areas as quickly as possible. • Sweep streets at the end of the day if visible soil material is carried onto adjacent public paved roads (recommend water sweepers with reclaimed water). • Install wheel washers where vehicles enter and exit unpaved roads onto paved roads, or wash off trucks and any equipment leaving the site each trip. • Water the disturbed areas of the active construction site at least three times per day, except during periods of rainfall. • Enclose, cover, water twice daily, or apply non-toxic soil binders according to manufacturers' specifications to exposed piles (i.e., gravel, dirt, and sand) with a five percent or greater silt content. • Suspend all excavating and grading operations when wind speeds (as instantaneous gusts) exceed 25 miles per hour (mph). • Apply water at least three times daily, except during periods of rainfall, to all unpaved road surfaces. • Limit traffic speeds on unpaved road to 15 mph or less. • Prohibit high emission causing fugitive dust activities on days where violations of the ambient air quality standard have been forecast by SCAQMD. • Tarp and/or maintain a minimum of 24 inches of freeboard on trucks hauling dirt, sand, soil, or other loose materials. • Limit the amount of daily soil and/or demolition debris loaded and hauled per day. <p><u>General Construction</u></p> <ul style="list-style-type: none"> • Phase construction activities to minimize maximum daily emissions. • Configure construction parking to minimize traffic interference. • Provide temporary traffic control during construction activities to improve traffic flow (e.g., flag person). • Develop a trip reduction plan for construction employees. • Implement a shuttle service to and from retail services and food establishments during lunch hours.

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			<ul style="list-style-type: none"> • Increase distance between emission sources to reduce near-field emission impacts. • Require construction contractors to document compliance with the identified mitigation measures.
MM-AQ-1	Prior to project approval and during construction	Design Builder	Use construction equipment rated by the United States Environmental Protection Agency as having Tier 4 (model year 2008 or newer) emission limits for engines between 50 and 750 horsepower, unless such equipment is commercially unavailable for particular type(s) of equipment needed for the project.
MM-AQ-2	During construction	Design Builder	At all times, keep construction equipment as far as possible inside the immediate construction site boundaries.
BIOLOGICAL RESOURCES			
SC-BIO-2	During lighting installation and prior to first use of lights	Design Builder	LAUSD shall protect sensitive species from harmful exposure to light by shielding light sources, redirecting light sources, or using low intensity lighting.
SC-BIO-3	Prior to start of construction	Design Builder	<p>LAUSD shall comply with the following:</p> <ul style="list-style-type: none"> • Project activities (including, but not limited to, staging and disturbances to native and nonnative vegetation, structures, and substrates) should occur outside of avian [breeding] season to avoid take of birds or their eggs. Depending on the avian species present, a qualified biologist may determine that a change in the breeding season dates is warranted. • If avoidance of the avian breeding season is not feasible, beginning 30 days prior to the initiation of the project activities, a qualified biologist with experience in conducting breeding bird surveys shall conduct weekly bird surveys to detect protected native birds occurring in suitable nesting habitat that is to be disturbed and (as access to adjacent areas allows) any other such habitat within 300 feet of the disturbance area (within 500 feet for raptors). The surveys shall continue on a weekly basis with the last

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			<p>survey being conducted no more than three days prior to the initiation of project activities. If a protected native bird is found, LAUSD shall delay all project activities within 300 feet of the suitable nesting habitat (within 500 feet for suitable raptor nesting habitat) until August 31. Alternatively, the qualified biologist could continue the surveys in order to locate any nests. If an active nest is located, project activities within 300 feet of the nest (within 500 feet for raptor nests), or as determined by a qualified biologist, shall be postponed until the nest is vacated and juveniles have fledged and there is no evidence of a second attempt at nesting. Flagging, stakes, and/or construction fencing shall be used to demarcate the inside boundary of the 300- or 500-foot buffer between the project activities and the nest. Project personnel, including all contractors working on site, shall be instructed on the sensitivity of the area. LAUSD shall provide results of the recommended protective measures to document compliance with applicable State and Federal laws pertaining to the protection of native birds.</p> <ul style="list-style-type: none"> • If the qualified biologist determines that a narrower buffer between the project activities and observed active nests is warranted, a written explanation as to why (e.g., species-specific information; ambient conditions and birds' habituation to them; and the terrain, vegetation, and birds' lines of sight between the project activities and the nest and foraging areas) shall be submitted to [the] LAUSD OEHS project manager. Construction contractors can then reduce the demarcated buffer. • No construction shall occur within the fenced [nest] zone until the young have fledged, are no longer being fed by the parents, have left the nest, and will no longer be impacted the construction. <p>A biological monitor shall be present on site during all grubbing and clearing of vegetation to ensure that these activities remain outside the demarcated buffer and that the flagging, stakes, and/or construction fencing are maintained, and to minimize the likelihood that active nests are abandoned or fail due to project activities. The biological monitor shall send weekly monitoring reports to [the] LAUSD OEHS project manager during the grubbing and clearing of vegetation, and shall notify LAUSD immediately if project activities damage avian nests.</p>

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MM-BIO-1	During construction	Design Builder	<p>General Wildlife Avoidance and Protection Measures This measure will minimize unnecessary impacts to common wildlife known to in-habit urban environments.</p> <p>To minimize construction-related mortalities of nocturnally active species such as mammals, it is recommended that all non-emergency work be conducted during daylight hours. All unnecessary lights would be turned off at night to avoid attracting wildlife such as insects, migratory birds, and bats. Nighttime work (and use of artificial lighting) would not be permitted unless specifically authorized.</p> <p>If any wildlife is encountered during project activities, it will be allowed to freely leave the area unharmed.</p> <p>Active nests cannot be removed or disturbed. Nests can be removed or disturbed if determined inactive by a qualified biologist.</p> <p>To avoid impacts on wildlife, all litter and pollution laws will be followed. All contractors, subcontractors, and employees would adhere to a litter control program. Trash and food items would be disposed of promptly in predator-proof containers with resealing lids. These covered trash receptacles would be placed at each designated work site and the contents would be properly disposed at least once a week. Trash removal would reduce the attractiveness of the area to opportunistic predators such as common ravens (<i>Corvus corax</i>), northern raccoons, Virginia opossums, and coyotes.</p> <p>Contractors, subcontractors, employees, and site visitors would be prohibited from feeding or collecting wildlife.</p> <p>All steep-walled pitfalls (trenches, holes, bores, and other excavations) greater than two feet deep used during the project would be completely covered at all times except when being actively used, to prevent wildlife entrapment (i.e. reptiles and small mammals). If trenches cannot be covered, escape ramps (maximum slope of 2:1) will be provided to allow trapped animals to escape. Exclusion or fencing shall be installed around the trench or excavation. Trenches shall be inspected immediately before backfilling and wildlife shall be removed.</p> <p>All onsite project workers shall look under their vehicles and equipment before movement.</p>

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			<p>If wildlife is observed, no vehicles or equipment shall be moved until the animal has left the area voluntarily or can be legally relocated.</p> <p>An additional mitigation measure requirement may include the replacement of Oaks by planting acorns because this has been shown to result in greater oak survival.</p>
CULTURAL RESOURCES			
SC-CUL-2	During project design	Design Builder	<p>School Design Guide. LAUSD shall re-use rather than destroy historical resources, where feasible. LAUSD shall take the following steps when dealing with historical resources:</p> <ul style="list-style-type: none"> • Retain and preserve the historic character of a building, structure, or site, where feasible. • Treat distinctive architectural features or examples of skilled craftsmanship that characterize a building with sensitivity, where feasible. • Conceal reinforcement required for structural stability or the installation of life safety or mechanical systems, wherever feasible. • Undertake surface cleaning of historic structures with the gentlest means possible. Avoid sandblasting and chemical treatments.
SC-CUL-3	During project design	Design Builder	<p>Design Guidelines and Treatment Approaches for Historic Schools. This document outlines the use of design guidelines as an effective tool for planning and implementing projects that avoid significant adverse impacts to historic resources.</p>
SC-CUL-4	During project design and prior start of CEQA document	Design Builder	<p>LAUSD shall engage a design team, consisting of an architect and structural engineer, as necessary, with five (5) years' experience applying the Secretary of the Interior's Standards for the Treatment of Historic Properties. The Design Team, in consultation with the Master Reviewer, shall consider whether and to what extent the proposed project could have a significant impact on the site's historical resources. If the Design Team determines that the proposed project could have a significant impact on the site's historical resources, and the Master Reviewer concurs with that determination, the Design Team shall develop and consider mitigation measures and alternatives that could minimize, avoid or substantially reduce the impacts.</p>

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SC-CUL-5	During project design/ development and prior start of CEQA document	Design Builder	<p>LAUSD shall develop at least one alternative that either (1) complies with the Secretary of the Interior's Standards for the Treatment of Historic Properties, or (2) otherwise avoids material impairment of the historical resource. LAUSD need not adopt any such alternative unless the LAUSD Board of Education determines that the alternative is feasible within the meaning of PRC Section 21061.1 and necessary to avoid a significant impact on historical resources.</p> <p>*The architect will be responsible for incorporating LAUSD's recommended updates and revisions during the design development and review.*</p>
SC-CUL-6	During design development phase, and implementation of mitigation measures	Design Builder	<p>LAUSD shall retain a preservation architect meeting the Secretary of the Interior's Professional Qualifications Standards in historic architecture (preservation architect) to review and comment upon project plans through the design development phase for conformance with the adopted mitigation measure or alternative.</p> <p>*The design team shall include a historic architect meeting the Secretary of the Interior's Professional Qualifications.*</p>
SC-CUL-7	During preconstruction and construction monitoring activities	Design Builder	<p>The preservation architect shall participate in pre-construction and construction monitoring activities to ensure continuing conformance with Secretary's Standards and/or avoidance of a material impairment of the historical resources.</p>
SC-CUL-8	Prior to demolition or alteration	Design Builder	<p>LAUSD shall retain a professional architectural photographer and an architectural historian [who meet] the Secretary of the Interior's Professional Qualifications Standards (Architectural Historian) to implement Historic American Building Survey (HABS) Level II documentation or closely following the HABS Level II outline format. Documentation shall include drawings, photographs, and written data for each building/structure/element. For all levels of documentation, the following quality standards shall be met:</p> <p>Large Format Photographs: Photographic documentation shall include of the current status of all recognized historic resources or any contributors to a historic district and the existing surrounding setting. Large format photographs shall clearly depict the appearance of the property and areas of significance of the recorded building, site, structure, or object. Each view shall be perspective corrected and fully captioned. All shall be archivally processed and prints shall be made on fiber-based paper. Two original negatives (large format 4-inch</p>

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			<p>by 5-inch black and white negatives) shall be made at the time the photographs are taken, two sets of contact prints, and three sets of 8-inch by 10-inch prints shall be processed.</p> <ul style="list-style-type: none"> • One set of negatives and one set of contact prints shall be archived at the National Park Service for entry into the HABS collection in the Library of Congress • One set of negatives and one set prints shall be archived at Los Angeles Public Library at the Central Library. • One set of prints shall be archived at the Los Angeles City Historical Society. • One set of prints shall be archived at LAUSD. <p>Narrative Description: 1) Written history and description shall be based on primary sources to the greatest extent possible. A frank assessment of the reliability and limitations of sources shall be included. Within the written history, statements shall be footnoted as to their sources, where appropriate. The written data shall include a methodology section specifying name of researcher, date of research, sources searched, and limitations of the project; 2) the architectural historian shall prepare a narrative description (closely following the Historic American Buildings Survey Level II outline format) of historical architectural resources, including Department of Parks and Recreation (DPR) series forms.</p> <p>Document Submittal: The draft documentation shall be assembled by the architectural historian and submitted to the LAUSD Architectural Master Reviewer for review and comment. [The] Architectural Master Reviewer shall give final approval prior and receive final documentation prior to submittal to the repositories and prior to work on the project. LAUSD shall submit the LAUSD-approved final documentation to the Los Angeles Public Library at the Central Library and the South Central Coastal Information Center.</p>
SC-CUL-10	Prior to demolition or alteration	Design Builder	LAUSD, consistent with Education Code Section 17540, shall offer to sell any useful features of the school building (e.g., the school bell, chalk-boards, lockers, etc.) that do not contain hazardous materials for use or display, if features are not retained by LAUSD for reuse or display.
SC-CUL-11	Prior to demolition or alteration	Design Builder	LAUSD, consistent with Education Code Section 17545, shall offer for sale any remaining functional and defining features and building materials from the buildings. These materials could include doors, windows, siding, stones, lighting, doorknobs, hinges, cabinets, and appliances, among others. They shall be made available to the public for sale and reuse, if features are not retained by LAUSD for reuse or display.

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SC-CUL-12	Prior to and during grading, excavation, or other ground disturbing activities	Design Builder	LAUSD shall retain a qualified archaeologist to be available on-call. The qualified archaeologist shall meet the Secretary of the Interior’s Professional Qualifications Standards (48 Federal Register 44738–39).
SC-CUL-13	During grading, excavation, or other ground-disturbing activities	Design Builder	The contractor shall halt construction activities in the immediate area and notify the LAUSD. LAUSD shall retain a qualified archeologist to make an immediate evaluation of significance and appropriate treatment of the resource. To complete this assessment, the qualified archeologist will be afforded the necessary time to recover, analyze, and curate the find. The qualified archeologist shall recommend the extent of archeological monitoring necessary to ensure the protection of any other resources that may be in the area. Construction activities may continue on other parts of the building site while evaluation and treatment of historical or unique archaeological resources takes place.
SC-CUL-14	Prior to the start of construction	Design Builder	LAUSD shall implement an archaeological monitoring program for construction activities at a site prepared by a qualified archaeologist under the following conditions: (1) When a Phase I Site Investigation shows a strong possibility that unique arch[a]eological resources are buried on the site; and/or (2) When unique architectural resources have been identified on a site, but LAUSD does not implement a Phase III Data Recovery/Mitigation Program because the resources can be recovered through the archaeological monitoring program.
SC-CUL-15	During grading, excavation, or other ground-disturbing activities	Design Builder	All work shall stop within a 30-foot radius of the discovery. Work shall not continue until the discovery has been evaluated by a qualified archaeologist. The qualified archaeologist shall assess the find(s) and, if it is determined to be of value, shall draft a monitoring program and oversee the remainder of the grading program. Should evidence of prehistoric or historic cultural resources be found the archaeologist shall monitor all ground-disturbing activities related to the proposed project. Any significant archaeological resources found shall be preserved as determined necessary by the archaeologist and offered to a local museum or repository willing to accept the resource. Any resulting reports shall also be forwarded to the South Central Coastal Information Center at the California State

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			University, Fullerton.
SC-CUL-16	Prior to the start grading, excavation, or other ground disturbing activities	Design Builder	Cultural resources sensitivity training shall be conducted by a qualified archaeologist for all construction workers involved in moving soil or working near soil disturbance. This training shall review the types of archaeological resources that might be found, along with laws for the protection of resources.
SC-CUL-17	During grading, excavation, or other ground-disturbing activities (as needed, if resources are discovered during construction. To be completed in coordination with LAUSD)	Design Builder	LAUSD shall determine whether it is feasible to prepare and implement a Phase III Data Recovery/Mitigation Program. A Phase III Data Recovery/Mitigation Program would be designed by a Qualified Archaeologist to recover a statistically valid sample of the archaeological remains and to document the site to a level where the impacts can be determined to be less than significant. All documentation shall be prepared in the standard format of the ARMR Guidelines, as prepared by the OHP. Once a Phase III Data Recovery/Mitigation Program is completed, an archaeological monitor shall be present on site to oversee the grading, demolition activities, and/or initial construction activities to ensure that construction proceeds in accordance with the adopted Phase III Data Recovery/Mitigation Program. The extent of the Phase III Data Recovery/Mitigation Program and the extent and duration of the archaeological monitoring program depend on site-specific factors.
SC-CUL-18	During grading, excavation, or other ground-disturbing activities	Design Builder	All work shall stop within a 30-foot radius of the discovery. Work shall not continue until the discovery has been evaluated by a qualified archaeologist and the local Native American representative has been contacted and consulted to assist in the accurate recordation and recovery of the resources.
SC-CUL-19	During grading, excavation, or other ground-disturbing activities	Design Builder	LAUSD shall have a paleontological monitor on-call during construction activities. This monitor shall provide the construction crew(s) with a brief summary of the sensitivity, the rationale behind the need for protection of these resources, and information on the initial identification of paleontological resources. If paleontological resources are uncovered during construction, the on-call paleontologist shall be notified and afforded the necessary time and funds to recover, analyze, and curate the find(s). Subsequently, the monitor shall remain on site for the duration of the ground disturbances to ensure the protection of any other resources that may be in the area.

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SC-CUL-20	During grading, excavation, or other ground-disturbing activities	Design Builder	The paleontological monitor shall be on site for all ground altering activities and shall advise LAUSD as to necessary means of protecting potentially significant paleontological resources, including, but not limited to, possible cessation of construction activities in the immediate area of a find. If resources are identified during the monitoring program, the paleontologist shall be afforded the necessary time and funds to recover, analyze, and curate the find(s). Subsequently, the monitor shall remain on site for the duration of the ground disturbances to insure the protection of any other resources that may be in the area.
MM-CUL-1	During grading, excavation, or other ground-disturbing activities	Design Builder	<p>State of California Health and Safety Code Section 7050.5 states that in the event that human remains are discovered during construction activities, the following procedure shall be observed:</p> <p>All construction activity shall stop immediately and the qualified archaeologist will contact the Los Angeles County Coroner. The Coroner has two working days to examine human remains after being notified by the responsible person (e.g., the construction supervisor). If the coroner determines the remains to be Native American, the Coroner shall contact the Native American Heritage Commission (NAHC) within 24 hours. The NAHC will immediately notify the person it believes to be the Most Likely Descendent (MLD) of the deceased Native American. The MLD has 48 hours to make recommendations to the property owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods. If the MLD does not make recommendations within 48 hours the owner shall reinter the remains in an area of the property secure from further disturbance following procedures required by the Public Resources Code, Sections 5097.94, 5097.98, 5097.99, and Health and Safety Code, Section 7050.5. If the County does not accept the descendant's recommendations, the owner or the descendent may request mediation by the NAHC.</p>
GEOLOGY AND SOILS			
SC-GEO-1	During project design, and project construction	Design Builder	<p>OEHS CEQA Specification Manual, Appendix G, Supplemental Geohazard Assessment Scope of Work.</p> <p>This document outlines the procedures and scope for LAUSD geohazard assessments.</p>
GREENHOUSE GAS EMISSIONS			

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SC-USS-1	Prior to start and during construction	Design Builder	<p>School Design Guide. Construction and demolition waste shall be recycled to the maximum extent feasible. LAUSD has established a minimum non-hazardous construction and demolition debris recycling requirement of 75% by weight as defined in Specification 01340, Construction & Demolition Waste Management.</p> <p>Guide Specifications 2004 - Section 01340, Construction & Demolition Waste Management. This section of the LAUSD Specifications includes procedures for preparation and implementation, including reporting and documentation, of a Waste Management Plan for reusing, recycling, salvage or disposal of non-hazardous waste materials generated during demolition and/or new construction (Construction & Demolition (C&D) Waste), to foster material recovery and re-use and to minimize disposal in landfills. Requires the collection and separation of all C&D waste materials generated on-site, reuse or recycling on-site, transportation to approved recyclers or reuse organizations, or transportation to legally designated landfills, for the purpose of recycling salvaging and/or reusing a minimum of 75% of the C&D waste generated.</p>
SC-GHG-5	During Project design and prior to occupancy	Design Builder	LAUSD shall ensure that the time dependent valued energy of the proposed project design is at least 10 percent, with a goal of 20 percent less than a standard design that is in minimum compliance with the California Title 24, Part 6 energy efficiency standards that are in force at the time the project is submitted to the Division of the State Architect.
HAZARDS AND HAZARDOUS MATERIALS			
SC-PED-5	During project design	Design Builder	<p>School Design Guide. The Guide states student drop-off and pick-up, bus loading areas, and parking areas shall be separated to allow students to enter and exit the school grounds safely.</p>
SC-T-2	During project design	Design Builder	<p>School Design Guide. Vehicular access and parking shall comply with Section 2.3, Vehicular Access and Parking of the School Design Guide, January 2014. The Design Guide contains the following regulations related to traffic:</p> <ul style="list-style-type: none"> • Parking Space Requirements • General Parking Guidelines • Vehicular Access and Pedestrian Safety

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			<ul style="list-style-type: none"> Parking Structure Security
SC-T-4	Prior to construction	Design Builder	LAUSD shall require its contractors to submit a construction worksite traffic control plan to the local City or County jurisdiction LADOT for review prior to construction. The plan shall show the location of any haul routes, hours of operation, protective devices, warning signs, and access to abutting properties. LAUSD shall encourage its contractor to limit construction-related trucks to off-peak commute periods. As required by Caltrans, applicable transportation related safety measures shall be implemented during construction.
HYDROLOGY AND WATER QUALITY			
SC-HWQ-1	During construction	Design Builder	<p>Stormwater Technical Manual</p> <p>This manual establishes design requirements and provides guidance for the cost-effective improvement of water quality in new and significantly redeveloped LAUSD school sites. These guidelines are intended to improve water quality and mitigate potential impacts to the Maximum Extent Practicable (MEP). While these guidelines meet current post-construction Standard Urban Stormwater Mitigation Plan (SUSMP) requirements. The guidelines address the mandated post-construction element of the NPDES program requirements.</p>
SC-HWQ-2	During construction	Design Builder	<p>Compliance Checklist for Storm Water Requirements at Construction Sites.</p> <p>This checklist has requirements for compliance with the General Construction Activity Permit and is used by OEHS to evaluate permit compliance. Requirements listed include a SWPPP; BMPs for minimizing storm water pollution to be specified in a SWPPP; and monitoring storm water discharges to ensure that sedimentation of downstream waters remains within regulatory limits.</p>

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SC-HWQ-3	During construction and operation	Design Builder	<p>The following programs will be implemented into the project as appropriate:</p> <ul style="list-style-type: none"> • Environmental Training Curriculum • Hazardous Waste Management Program • Medical Waste Management Program • Environmental Compliance Inspections • Safe School Inspections • Integrated Pest Management Program • Fats Oil and Grease Management Program • Solid Waste Management Program
NOISE			
SC-N-4	During project design and construction	Design Builder	<p>LAUSD shall incorporate long-term permanent noise attenuation measures between playgrounds, stadiums, and other noise-generating facilities and noise-sensitive land uses, to reduce noise levels to meet jurisdictional standards or an increase of 3 dB or less over ambient. Operational noise attenuation measures include, but are not limited to:</p> <ul style="list-style-type: none"> • buffer zones • berms • sound barriers • buildings • masonry walls • enclosed bleacher foot wells • other site-specific project design features
SC-N-5	Prior to construction	Design Builder	<p>LAUSD Facilities Services Division or its construction contractor shall consult and coordinate with the school principal or site administrator, and other nearby noise sensitive land uses prior to construction to schedule high noise or vibration producing activities to minimize disruption. Coordination between the school, nearby land uses and the construction contractor shall continue on an as-needed basis throughout the construction phase of the project to reduce school and other noise sensitive land use disruptions.</p>
SC-N-6	During construction	Design Builder	<p>LAUSD shall require the construction contractor to minimize blasting for all construction and demolition activities, where feasible. If demolition is necessary adjacent to residential uses or fragile structures, the LAUSD shall require the construction contractor to avoid using impact tools. Alternatives that shall be considered include mechanical methods using hydraulic crushers or deconstruction techniques.</p>

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Reference #	Implementation Phase	Responsible Implementing Party ²	Applicable Standard Conditions of Approval (SCs) and Recommended Mitigation Measures (MMs)
SC-N-8	Prior to and during demolition and construction	Design Builder	<p>LAUSD shall meet with the construction contractor to discuss alternative methods of demolition and construction for activities within 25 feet of a historic building to reduce vibration impacts. During the preconstruction meeting, the construction contractor shall identify demolition methods not involving vibration-intensive construction equipment or activities. For example: sawing into sections that can be loaded onto trucks results in lower vibration levels than demolition by hydraulic hammers.</p> <ul style="list-style-type: none"> • Prior to construction activities, the construction contractor shall inspect and report on the current foundation and structural condition of the historic building. • The construction contractor shall implement alternative methods identified in the preconstruction meeting during demolition, excavation, and construction for work done within 25 feet of the historic building. • The construction contractor shall avoid use of vibratory rollers and packers adjacent to a historic building. • During demolition the construction contractor shall not phase any ground-impacting operations near a historic building to occur at the same time as any ground impacting operation associated with demolition and construction of a new building. • During demolition and construction, if any vibration levels cause cosmetic or structural damage to a historic building the District shall issue “stop-work” orders to the construction contractor immediately to prevent further damage. Work shall not restart until the building is stabilized and/or preventive measures to relieve further damage to the building are implemented.
SC-N-9	During planning and construction	LAUSD OEHS and Design Builder	<p>LAUSD shall prepare a noise assessment. If site-specific review of a school construction project identifies potentially significant adverse construction noise impacts, then LAUSD shall implement all feasible measures to reduce [noise levels] below [the limits set by] applicable noise ordinances. Specific noise reduction measures include, but are not limited to, the following:</p> <p><u>Source Controls</u></p> <ul style="list-style-type: none"> • Time Constraints – prohibiting work during sensitive nighttime hours • Scheduling – performing noisy work during less sensitive time periods (on operating campus: delay the loudest noise generation until class instruction at the nearest classrooms has ended; residential: only between 7:00 AM and 7:00 PM) • Equipment Restrictions – restricting the type of equipment used

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Reference #	Implementation Phase	Responsible Implementing Party ²	Applicable Standard Conditions of Approval (SCs) and Recommended Mitigation Measures (MMs)
			<ul style="list-style-type: none"> • Noise Restrictions – specifying stringent noise limits • Substitute Methods – using quieter methods and/or equipment • Exhaust Mufflers – ensuring equipment [has] quality mufflers installed • Lubrication & Maintenance – well maintained equipment is quieter • Reduced Power Operation – use only necessary size and power • Limit Equipment On-Site – only have necessary equipment on-site • Noise Compliance Monitoring – technician on site to ensure compliance • Quieter Backup Alarms – manually-adjustable or ambient sensitive types <p><u>Path Controls</u></p> <ul style="list-style-type: none"> • Noise Barriers – semi-permanent or portable wooden or concrete barriers • Noise Curtains – flexible intervening curtain systems hung from supports • Enclosures – encasing localized and stationary noise sources • Increased Distance – perform noisy activities farther away from receptors, including operation of portable equipment, storage and maintenance of equipment <p><u>Receptor Controls</u></p> <ul style="list-style-type: none"> • Window Treatments – reinforcing the building's noise reduction ability • Community Participation – open dialog to involve affected residents • Noise Complaint Process – ability to log and respond to noise complaints. Advance notice of the start of construction shall be delivered to all noise sensitive receptors adjacent to the project area. The notice shall state specifically where and when construction activities will occur, and provide contact information for filing noise complaints with the contractor and the District. In the event of noise complaints, the LAUSD shall monitor noise from the construction activity to ensure that construction noise does not exceed limits specified in the noise ordinance. • Temporary Relocation – in extreme otherwise unmitigatable cases. Temporarily move residents or students to facilities away from the construction activity.
PEDESTRIAN SAFETY			

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Reference #	Implementation Phase	Responsible Implementing Party ²	Applicable Standard Conditions of Approval (SCs) and Recommended Mitigation Measures (MMs)
SC-PED-5	During project design	Design Builder	School Design Guide. The Guide states student drop-off and pick-up, bus loading areas, and parking areas shall be separated to allow students to enter and exit the school grounds safely.
SC-T-4	Prior to construction	Design Builder	LAUSD shall require its contractors to submit a construction worksite traffic control plan to the local City or County jurisdiction LADOT for review prior to construction. The plan shall show the location of any haul routes, hours of operation, protective devices, warning signs, and access to abutting properties. LAUSD shall encourage its contractor to limit construction-related trucks to off-peak commute periods. As required by Caltrans, applicable transportation related safety measures shall be implemented during construction.
PUBLIC SERVICES			
SC-PS-1	Prior to construction	Design Builder	LAUSD shall: 1) have local fire and police jurisdictions review all construction and site plans prior to the State Fire Marshall's final approval; and 2) provide a full site plan for the local review, including all buildings, both existing and proposed, fences, drive gates, retaining walls, and other construction affecting emergency vehicle access, with unobstructed fire lanes for access indicated.
TRANSPORTATION AND CIRCULATION			
SC-T-2	During project design	Design Builder	School Design Guide. Vehicular access and parking shall comply with Section 2.3, Vehicular Access and Parking of the School Design Guide, January 2014. The Design Guide contains the following regulations related to traffic: <ul style="list-style-type: none"> • Parking Space Requirements • General Parking Guidelines • Vehicular Access and Pedestrian Safety • Parking Structure Security

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MM-T-1	During construction	Design Builder	Construction related traffic on streets and driveways surrounding the site shall be limited to 15 miles per hour or less.
UTILITIES			
SC-USS-1	Prior to start and during construction	Design Builder	<p>School Design Guide. Construction and demolition waste shall be recycled to the maximum extent feasible. LAUSD has established a minimum non-hazardous construction and demolition debris recycling requirement of 75% by weight as defined in Specification 01340, Construction & Demolition Waste Management.</p> <p>Guide Specifications 2004 - Section 01340, Construction & Demolition Waste Management. This section of the LAUSD Specifications includes procedures for preparation and implementation, including reporting and documentation, of a Waste Management Plan for reusing, recycling, salvage or disposal of non-hazardous waste materials generated during demolition and/or new construction (Construction & Demolition (C&D) Waste), to foster material recovery and re-use and to minimize disposal in landfills. Requires the collection and separation of all C&D waste materials generated on-site, reuse or recycling on-site, transportation to approved recyclers or reuse organizations, or transportation to legally designated landfills, for the purpose of recycling salvaging and/or reusing a minimum of 75% of the C&D waste generated.</p>