LOS ANGELES MEMORIAL SPORTS ARENA REDEVELOPMENT PROJECT
MITIGATION MONITORING PROGRAM

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
Aesthetics					
Project Design Features **PDF A-1:** The perimeter of the Project Site shall be screened during primary construction activities to limit views of construction activities. **PDF A-2:** Stadium field lighting shall be designed based on Major League Soccer (MLS) standards that stipulate the use of high performance lights with good color and good glare control. **PDF A-3:** The Project's field lighting shall be implemented in accordance with the zones established in Figure 34 of the Lighting Study. **PDF A-4:** Design elements shall be incorporated to limit the direct view of the light source surface for all stadium light fixtures and to ensure that the light source cannot be seen from adjacent residential properties or the public right-of-way. Such design elements could include one or more of the following: use of light fixtures that comply with the ratings specified in CALGreen Table 5.106B; use of light fixtures with a focused output where the output angles greater than 20 degrees from beam centerline do not exceed 500 candelas; glare shields and louvers attached to the front face of	Plan approval; Field check to confirm implementation.	Pre-Construction; Construction	Los Angeles Memorial Coliseum Commission (LAMCC); Los Angeles Department of City Planning (DCP), as applicable		

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
the light fixture; and/or architectural screens to conceal the direct view of the LED light fixtures from the center of Figueroa Street to the east and the Coliseum District Specific Plan boundary to the north, south, and west. **PDF A-5:** All light sources, including illuminated signage, shall comply with CALGreen (Part 11 of Title 24, California Code of Regulations). **PDF A-6:** Signage luminance shall not exceed 800 candelas per square meter after sunset or before sunrise. **PDF A-7:** The luminance of each sign face of the Grand Avenue Sign and the 12th Place Sign shall be limited to 300 cd/m^2 during nighttime hours, defined as between sunset and sunrise. **PDF A-8:** During the 20 minutes before sunset, the 20 minutes after sunrise, and when the ambient sun light falls to less than 100 footcandles, the luminance of each sign face of the freeway signs shall be limited to 1,500 cd/m^2. ***Project-Specific Mitigation Measures*** **MM A-1:** Outdoor lighting shall be designed and installed with shielding such that the light source cannot be seen from adjacent residential properties or the public right-of-way. **MM A-2:** The exterior of the proposed structure shall be constructed of materials such as, but not limited to, high -performance and/or non-reflective tinted glass (no mirror-like tints or films) and pre-cast concrete or fabricated wall surfaces to minimize glare and reflected heat.					
Agriculture and Forestry Resources					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
No project design features or mitigation measures are proposed or required.	N/A	N/A	N/A	N/A	N/A
Air Quality					
Project Design Features **PDF C-1:** Off-road diesel-powered construction equipment greater than 50 horsepower, that will be used an aggregate of 40 or more hours during any portion of construction activities, shall meet Tier 3 off-road emissions standards. **PDF C-2:** The Project Applicant shall encourage construction contractors to apply for South Coast Air Quality Management District Surplus Off-Road Opt-In for NO_X (SOON) funds, should they be applicable and available at the time of construction initiation. The "SOON" program accelerates clean up of off-road diesel vehicles, such as heavy duty construction equipment. More information on this program can be found at the following website: www.aqmd.gov/home/programs/business/business-detail?title=off-road-diesel-engines. ***Project-Specific Mitigation Measures*** **MM B-1:** The Applicant shall comply with SCAQMD Rule 403—Fugitive Dust. Examples of the types of dust control measures currently required and recommended include, but are not limited to, the following: • Water active grading/excavation sites and unpaved surfaces at least three times daily; • Sweep daily (with water sweepers) all paved construction parking areas and staging areas; • Provide daily clean-up of mud and dirt carried	Field check to confirm implementation.	Construction	LAMCC; DCP, as applicable		

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
onto paved streets from the site; • Install wheel washers for all exiting trucks, or wash off the tires or tracks of all trucks and equipment leaving the site; • Suspend excavation and grading activity when winds (instantaneous gusts) exceed 15 miles per hour over a 30-minute period or more; and • An information sign shall be posted at the entrance to each construction site that identifies the permitted construction hours and provides a telephone number to call and receive information about the construction project or to report complaints regarding excessive fugitive dust generation. Any reasonable complaints shall be rectified within 24 hours of their receipt. **MM B-2:** The Applicant shall use low-VOC paints for all interior and exterior surfaces.					
Biological Resources					
No project design features or mitigation measures are proposed or required.	N/A	N/A	N/A	N/A	N/A
Cultural Resources—Archeological and Paleontological Resources					
Project Design Features **PDF E-1:** A qualified paleontologist shall be retained to perform periodic inspections of excavation and grading activities of the Project Site where excavations into the older Quaternary Alluvium may occur. The services of a qualified paleontologist shall be secured by contacting the Natural History Museum of Los Angeles County. The frequency of inspections shall be based on	Field check to confirm implementation.	Construction	LAMCC; DCP, as applicable		

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
consultation with the consulting paleontologist and will depend on the rate of excavation and grading activities, the materials being excavated, and if found, the abundance and type of fossils encountered. Monitoring shall consist of visually inspecting fresh exposures of rock for larger fossil remains and, where appropriate, collecting wet or dry screened sediment samples of promising horizons for smaller fossil remains. If a potential fossil is found, the paleontologist shall be allowed to temporarily divert or redirect grading and excavation activities in the area of the exposed fossil to facilitate evaluation and, if necessary, salvage. At the paleontologist's discretion and to reduce any construction delay, the grading and excavation contractor shall assist in removing rock samples for initial processing. Any fossils encountered and recovered shall be prepared to the point of identification and catalogued before they are donated to their final repository. Any fossils collected should be donated to a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County. Accompanying notes, maps, and photographs shall also be filed at the repository. If fossils are found, following the completion of the above tasks, the paleontologist shall prepare a report summarizing the results of the monitoring and salvaging efforts, the methodology used in these efforts, as well as a description of the fossils collected and their significance. The report shall be submitted by the applicant to the lead agency, the Natural History Museum of Los Angeles					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
County, and representatives of other appropriate or concerned agencies to signify the satisfactory completion of the Project and required mitigation measures.					
Cultural Resources—Historic Resources					
Project-Specific Mitigation Measures	Report submittal; issuance of demolition permit	Pre-Construction	LAMCC; DCP, as applicable		
MM D-1: Prior to the issuance of a demolition permit, a report documenting the architectural and historical features of the Sports Arena shall be prepared and offered to the Southern California Information Center at California State University, Fullerton, and the City. The report shall include the following: a) A written report according to the Historic American Building Survey (HABS) narrative format, which includes historical and descriptive information, including site history, historic context, a significance statement, and character-defining features; b) Duplicates of historic photographs, if available; c) Duplicates of existing drawings including plans, elevations, and sections, if available; and d) Large format (4-inch by 5-inch negative or larger), archival photographs based on HABS guidelines, and 35 millimeter photographs of additional spaces and features not documented in large format. The photographs shall be keyed to a floor and site plan to show the location of each photograph taken. Views shall include the setting, important site features including select landscape, all					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
exterior elevations, detailed views of significant exterior architectural features, and interior views of significant spaces and features.					
Geology and Soils					
Project Design Features	Report submittal; plan approval	Pre-Construction	Los Angeles Department of Building and Safety (LADBS)		
PDF F-1: A final design-level geotechnical, geologic, and seismic hazard investigation report that complies with all applicable State and local code requirements shall be prepared for the Modified Project by a qualified geotechnical engineer and certified engineering geologist and shall be submitted the Los Angeles Department of Building and Safety, consistent with City of Los Angeles Building Code requirements. The site-specific geotechnical report shall be prepared to the written satisfaction of the City of Los Angeles Department of Building and Safety. The site-specific geotechnical report shall address each of the recommendations provided in the *Preliminary Geotechnical Engineering Report, Los Angeles Football Club Stadium, Los Angeles, California* (Geotechnical Report), prepared by Langan Engineering and Environmental Services, July 24, 2015, including, but not limited to the following, and as may be amended in accordance with future regulatory requirements: • Shallow foundations bearing on alluvial soils at the proposed stadium foundation elevation or engineered fill shall be designed with an allowable bearing pressure of 6,000 pounds per square foot (psf) or 3,000 psf, respectively. An increase of 33 percent can be used for temporary or transient loading					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
such as seismic or wind. The minimum lateral dimension of isolated footings shall not be less than 48 inches and shall be embedded at least 24 inches below surrounding grade. In order to minimize differential settlement between the proposed Ancillary Uses and Northwest Plaza structures and the stadium structure, expansion joints shall be installed between any structural connection features. • Should portions of the proposed structures require the additional support of deep foundation systems due to higher, concentrated compression and/or uplift loads, deep foundations shall consist of drilled piles (i.e., Cast-in-Drilled-Hole (CIDH), or Augered Cast-in-Place (ACIP)) piles) that are sized in accordance with the sizing parameters provided in Section 6.2.2 of the Geotechnical Report. A pre-construction test pile and pile load test program shall be implemented with a minimum of four (4) test piles as outlined in Section 6.2.2 of the Geotechnical Report. • The lowest proposed floor slab shall be designed as a slab-on-grade bearing following the recommendations outlined in Section 6.3 of the Geotechnical Report. • Below-grade walls shall be designed to resist soil and surcharge pressures using the parameters provided in Section 6.4 of the Geotechnical Report. • Damp-proofing (such as Grace Water Shield water barrier membrane or equivalent) shall be utilized in below-grade closed areas that					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
may house equipment, finishes, or occupants that could be adversely impacted by moisture intrusion. • A perimeter foundation drain shall be installed to collect and route any accumulated water to the site drainage system. • Trees with deep-rooted or widespread rooted systems or vegetation shall not be planted within 30 feet of below-grade walls. • Utility subgrade shall be confirmed to be free of standing water, firm, and unyielding prior to placement of bedding material. Utility trenches above pipe bedding shall be backfilled in accordance with the recommendations provided in the Geotechnical Report for fill compaction requirements using either previously excavated soil (if suitable), or with approved imported material. • After completion of excavation, including removal of all below grade remnants, stripping, grubbing, removal of asphalt, base course material, the soil subgrade shall be compacted in-place by proofrolling with at least 6 passes of a vibratory roller compactor having a minimum static drum weight of 5 tons. Any areas exhibiting rutting or pumping shall be removed and replaced with compacted engineered fill material. All fills should be selected and placed in accordance with the placement and compaction criteria discussed in Section 7.3 of the Geotechnical Report. • Temporary excavations shall be constructed					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
in accordance with Cal/OSHA requirements. Temporary slopes may be excavated at a 2H:1V (horizontal to vertical). Steeper slopes may be excavated with a maximum slope of 1.5H:1V (horizontal to vertical) may be excavated where acceptable by Cal/OSHA and the inspecting Geotechnical Engineer. • If perched groundwater is encountered during Modified Project construction, temporary construction dewatering, where required, shall be performed using conventional gravity routing and collection in sump pits, with pumping performed as needed to dispose of any water accumulated in these areas. • All new construction work shall be performed so as not to adversely impact or cause loss of support to structures, hardscape, and landscape elements, paving, or utilities to remain. A pre-construction condition documentation comprised of photographic and videographic documentation of accessible and visible areas of neighboring landscaped, and hardscaped areas including pavements and sidewalks shall be performed prior to initiating construction activities at the Project Site and submitted to the Los Angeles Department of Building and Safety.					
Greenhouse Gas Emissions					
Project Design Features **PDF G-1:** The Modified Project shall be designed to be capable of achieving at least Silver certification under the U.S. Green Building Council's Leadership in Energy and Environmental Design	Plan approval; Field check to confirm implementation.	Pre-Construction; Operation	LAMCC; DCP, as applicable		

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
(LEED)-BD+C or LEED-ND Rating System (v.3), or equivalent green building standards. **PDF G-2:** The Modified Project shall comply with the required measures of the 2013 Los Angeles Green Building Code and shall implement additional efficiency measures to achieve a reduction in energy consumption that is greater than 25 percent relative to the ASHRAE 90.1-2007 standard, but no less than minimum compliance with the 2013 California energy efficiency standards (Title 24, Part 6). Energy efficiency shall be achieved through building design and through the incorporation of energy-efficient heating, ventilation, and air conditioning (HVAC) systems, lighting, and appliances. **PDF G-3:** The Modified Project shall include the following measures to promote the use of alternative modes of travel and reduce vehicle miles traveled: • Transit accessibility improvements to facilitate transit use (e.g., wayfinding signage, walkways, etc.) • Ten percent of the parking spaces provided in the Modified Project's VIP parking lot on the Project Site shall be constructed to accommodate the future placement of facilities for the recharging of electric vehicles • Reduced price Metro transit passes for project employees • Printed transit information on tickets					
Hazards and Hazardous Materials					
Project-Specific Mitigation Measures **MP-H-1:** Prior to the issuance of a demolition permit, a	Survey preparation; issuance of demolition	Pre-Construction; construction	LAMCC; DCP, as applicable		

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
geophysical survey shall be prepared in the area of the identified potential historical gasoline tank (i.e., near the southern boundary line of the Project Site). If a storage tank is identified during the geophysical survey or uncovered during subsequent construction and/or demolition activities, the tank shall be removed (abandoned) in accordance with applicable federal, state, and local laws, to the satisfaction of the California Department of Conservation Division of Oil, Gas, and Geothermal Resources (DOGGR), the South Coast Air Quality Management District (SCAQMD), the Los Angeles Regional Water Quality Control Board (RWQCB), and/or the City of Los Angeles Fire Department (LAFD), as applicable. Soil sampling of the tank excavation site shall be completed by personnel appropriately trained in accordance with the Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response Standard (HAZWOPER). If contamination is detected above acceptable regulatory levels, remediation activities shall be conducted. The remediation could consist of excavation and disposal of impacted soil; in-situ treatment; and/or vapor extraction. If necessary, remedial efforts shall be conducted under the oversight of regulatory agencies including, but not limited to, the Department of Toxic Substances Control (DTSC); the LAFD; and the RWQCB.	permit.				
MP-H-2: If soil contamination is identified during the soil sampling procedures outlined in Mitigation Measure MP-H-1, prior to issuance of a permit(s) for activities involving construction dewatering,					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
evidence shall be provided to the Los Angeles Department of Building and Safety that a valid National Pollutant Discharge Elimination System (NPDES) or Industrial Waste Discharge Permit is in place. The NPDES or Industrial Waste Discharge Permit shall include provisions for evaluating the groundwater for potential contamination and, if necessary, the need for treatment of dewatering discharge.					
MM H-3: Prior to the issuance of a building permit, a geophysical survey shall be prepared for the sites of the Grand Avenue Sign and the 12th Place Sign. If any underground storage tank is identified during the geophysical survey or uncovered during subsequent construction activities, the tank shall be removed (abandoned) in accordance with applicable federal, state, and local laws, to the satisfaction of the California Department of Conservation Division of Oil, Gas, and Geothermal Resources (DOGGR), the South Coast Air Quality Management District (SCAQMD), the Los Angeles Regional Water Quality Control Board (RWQCB), and/or the City of Los Angeles Fire Department (LAFD), as applicable. If any other subsurface feature is identified, it shall be removed in accordance with applicable federal, state, and local laws.					
Soil sampling of the tank excavation site or any other removal site shall be completed by personnel appropriately trained in accordance with the Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response Standard (HAZWOPER). If contamination is detected					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
above acceptable regulatory levels, remediation activities shall be conducted. The remediation shall consist of either excavation and disposal of impacted soil; in-situ treatment; and/or vapor extraction. If necessary, remedial efforts shall be conducted under the oversight of regulatory agencies including, but not limited to, the Department of Toxic Substances Control (DTSC); the LAFD; and the RWQCB.					
Hydrology and Water Quality					
Project-Specific Mitigation Measures	Plan approval; Field check to confirm implementation.	Pre-Construction; Construction; Operation	LADBS		
MM E-1: The Applicant shall ensure that a Stormwater Pollution Prevention Plan (SWPPP) is prepared and implemented during construction. The SWPPP shall be prepared to the satisfaction of the City of Los Angeles Department of Building and Safety prior to the issuance of building permits.					
MM E-2: The Applicant must prepare and implement a SUSMP, in accordance with the LA County RWQCB MS4 Program. The SUSMP shall be submitted and prepared to the satisfaction of the City of Los Angeles Department of Building and Safety.					
MM E-3: The Applicant must comply with LARWQCB's General NPDES Permit and General Waste Discharge Requirements (WDRs) (Order No. R4-2003-0111, NPDES No. CAG994004) governing construction-related dewatering discharges (the "General Dewatering Permit").					
Land Use and Planning					
Project-Specific Mitigation Measures	Plan approval	Pre-Construction	LADBS		
MM F-1: The Applicant shall obtain all applicable permits					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
from the Building and Safety Department (and other state and municipal agencies, as may be required) for Project construction actions.					
Mineral Resources					
No project design features or mitigation measures are proposed or required.	N/A	N/A	N/A	N/A	N/A

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
Noise					
Code-Required Measures	Plan approval; Field check to confirm implementation.	Pre-Construction; Construction; Operation	LAMCC; LADBS; Los Angeles Department of Transportation (LADOT); DCP, as applicable		
CR G-1: The Applicant shall comply with the LAMC, which prohibits the emission or creation of noise beyond certain levels at adjacent uses unless technically infeasible.					
CR G-2: The Applicant shall ensure exterior construction and demolition activities are limited to the hours of 7:00 A.M. to 6:00 P.M. Monday through Friday, and 8:00 A.M. to 6:00 P.M. on Saturday except as may be permitted by the Los Angeles Board of Police Commissioners pursuant to Los Angeles Municipal Code Section 41.40. If extended construction hours are permitted by the Los Angeles Board of Police Commissioners, the following additional measures shall be implemented for any construction hours outside of 7:00 A.M. to 6:00 P.M. Monday through Friday, and 8:00 A.M. to 6:00 P.M. on Saturday:					
• Conduct regular ambient noise level readings to ensure that noise levels at the nearest residential uses to the Project Site do not exceed the ambient noise level by 5 dBA. If the measured noise levels during the night shift exceed the ambient noise levels by 4.0 dBA at the residential sensitive uses, the contractor shall evaluate and employ alternative construction methods to ensure that the construction activities shall not exceed the existing ambient noise levels by 5 dBA at the residential sensitive uses;					
• Utilize additional sound blankets and sound walls to reduce noise levels;					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
• Disable all equipment back up bells; • Prohibit crane horns for signaling; • Limit the use of radio contact on-site; • Use electricity to power lighting to reduce noise levels; • Position lighting to avoid spill onto properties outside of Exposition Park; • Stage materials on the Project Site during the Daytime Shift, to the extent feasible, to reduce activities occurring during the Nighttime Shift; and • Coordinate with the Office of Exposition Park Management to ensure that extended construction hours shall not conflict with any scheduled Exposition Park activities. ***Project Design Features*** **PDF L-1:** During non-event days, the amplified program sound system shall be designed so as not to exceed a maximum noise level of 85 dBA L_{eq} and 75 dBA L_{eq} at a distance of 50 feet within the Northwest Plaza and the Figueroa Street frontage, respectively. **PDF L-2:** A 12-foot-high temporary and impermeable sound barrier shall be erected at the Grand Avenue Site along the eastern property line adjacent to the sign construction area. The length of the barrier shall be sufficient (approximately 100 feet) to block the line-of-sight between any construction equipment used on-site for sign installation and the residential uses located approximately 80 feet to the east. The temporary sound barrier shall be designed to provide a minimum 10-dBA noise					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
reduction at ground level. At plan check, building plans shall include documentation prepared by a noise consultant verifying compliance with this measure. ***Project-Specific Mitigation Measures*** **MM G-1:** The Applicant shall prepare a Construction Management Plan detailing proposed haul routes and staging areas for the transportation of materials and equipment, with consideration for sensitive uses in the neighborhood. The Construction Management Plan shall be submitted for approval by LADOT and the Department of Building and Safety prior to the issuance of any permits. The Construction Management Plan shall include the following requirements: • The preferred haul route to and from the Project Site shall be Martin Luther King, Jr. Boulevard to and from the Harbor Freeway. Trucks shall not be permitted to travel along local residential streets. • A flagman shall be placed at the truck entry and exit from the Project Site onto Martin Luther King, Jr. Boulevard to control the flow of exiting trucks. • Deliveries and pick-ups of construction materials shall be scheduled during non-peak travel periods to the degree possible and coordinated to reduce the potential of trucks waiting to load or unload for protracted periods of time. • Access shall remain unobstructed for land uses in proximity to the Project Site during					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
construction of the Modified Project. • In the event of a lane or sidewalk closure, a worksite traffic control plan, approved by the City of Los Angeles, shall be implemented to route traffic or pedestrians around any such lane or sidewalk closures. • The locations of truck staging shall be identified and measures shall be included to ensure that trucks use the specified haul route and do not travel through nearby residential neighborhoods. • Vehicle movements shall be scheduled to minimize vehicles waiting off-site and impeding public traffic flow on the surrounding streets. • Requirements shall be established for the loading, unloading, and storage of materials on the Project Site. • Requirements shall be established for the temporary removal of parking spaces, time limits for the reduction of travel lanes, and closing or diversion of pedestrian facilities to ensure the safety of pedestrian and access to local businesses. • The Applicant shall coordinate with the City and emergency service providers to ensure adequate access is maintained to the Project Site and neighboring businesses. • If the construction periods for the Modified Project and the My Figueroa street improvement project overlap, the Applicant shall coordinate with the City to minimize the potential combined effects of the two projects					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
to the extent possible. **MM G-2:** The Applicant shall ensure all construction equipment engines be properly tuned and muffled according to manufacturers' specifications. For example, Table IV.G-6 in the Certified EIR indicates that noise levels of 82 dBA at 50 feet could be reduced to a noise level of 76 dBA at 100 feet with the proper use of mufflers. **MM G-3:** Adjacent museums and residents shall be given regular notification of major construction activities and their durations. A visible and readable sign (at a distance of 50 feet) shall be posted on the construction site identifying a telephone number where residents can inquire about the construction process and register complaints. **MM G-4:** The perimeter of the Project Site shall be enclosed with a temporary barrier wall for security and noise protection purposes during project construction. This barrier wall shall consist of a solid, heavy vinyl material or 0.75-inch plywood positioned to block direct line of sight from the active construction areas and other open space areas and sensitive uses.					
Population, Housing, and Employment					
No project design features or mitigation measures are proposed or required.	N/A	N/A	N/A	N/A	N/A
Public Services—Fire Services					
Project-Specific Mitigation Measures **MM H.1-1:** Sprinkler systems shall be required throughout any structure to be built, consistent with the LAMC requirements for public venue structures (Section 57.903).	Plan approval; Field check to confirm implementation.	Pre-Construction; Construction	LAMCC; Los Angeles Fire Department (LAFD); DCP,		

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
MM H.1-2: All first-story portions of any commercial or industrial building must be within 300 feet of an approved fire hydrant (Section 57.507.3.2).			as applicable		
MM H.1-3: The maximum distance between fire flow hydrants on the roads and fire lanes in a high-density residential and commercial area is 300 feet.					
MM H.1-4: Any person owning or having control of any facility, structure, group of structures or premises shall provide and maintain Fire Department access (Section 57.4701.4).					
MM H.1-5: If any portion of the first story exterior walls of any building structure is more than 150 feet from the edge of the roadway of an approved street, an approved fire lane shall be provided so that such portion is within 150 feet of the edge of the fire lane. (Section 57.503.1.4)					
MM H.1-6: When required access is provided by an improved street, fire lane or combination of both which results in a dead-end in access of 700 feet in length from the nearest cross street, at least one additional ingress-egress roadway shall be provided in such a manner that an alternative means of ingress-egress is accomplished (Section 57.503.1.5).					
MM H.1-7: All public and private streets shall be dedicated and improved in conformance with Board of Public Works, Standard Dimension Plan, Number D-22549.					
MM H.1-8: Construction of public or private roadways in the proposed development shall not exceed 15 percent in grade.					
MM H.1-9: Fire lanes, where required, and dead ending streets, shall terminate in a cul-de-sac or other					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
approved turning area. **MM H.1-10:** All access roads, including fire lanes, shall be maintained in an unobstructed manner. Removal of obstructions shall be at the owner's expense. The entrance to all required fire lanes or required private driveways shall be posted with a sign no less than three square feet in area (Section 57.503.4.2). **MM H.1-11:** Fire lane width shall not be less than 20 feet. When a fire lane must accommodate the operation of Fire Department aerial ladder apparatus or where fire hydrants are installed, those portions shall not be less than 28 feet in width. The Fire Department may require additional vehicular access where buildings exceed 28 feet in height.					
Public Services—Police Protection					
Project-Specific Mitigation Measures **H.2-1:** The Applicant shall erect temporary fencing around the Project Site during construction activities to secure the Project Site and discourage trespassers. **H.2-2:** Event Sponsors at the Project Site shall employ private security guards to monitor and secure the Project Site during events and deter any potential criminal activity. **H.2-3:** The Applicant shall develop and implement a Security Plan in consultation with the LAPD outlining the security services and features to be provided in conjunction with the Project. The plan shall be coordinated with the LAPD and a copy of the said plan shall be filed with the LAPD Central Bureau commanding Officer. Said security plan	Field check to confirm implementation.	Construction; Operation	LAMCC; Los Angeles Police Department (LAPD); DCP, as applicable		

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
may include some or all of the following components: i. Provisions for an on-site private security force that shall provide 24-hour presence. Security officers shall be responsible for patrolling all common areas including the back service corridors and walkways, parking lots, and stairwells. ii. The VIP parking lot on the Project Site shall be fitted with emergency features such as closed circuit television (CCTV) or emergency call boxes that would provide a direct connection with the on-site security force or the LAPD 911 emergency response system. iii. The proposed security shall incorporate low level and directional lighting features to effectively illuminate project entryways, seating areas, lobbies, elevators, service areas, and parking areas with sufficient illumination and minimum dead space to eliminate areas of concealment. Full cut-off fixtures shall be installed that minimize glare from the light source and provide light downward and inward to structures to maximize visibility.					
Public Services—Schools					
No project design features or mitigation measures are proposed or required.	N/A	N/A	N/A	N/A	N/A
Public Services—Park and Recreation					
No project design features or mitigation measures are proposed or required.	N/A	N/A	N/A	N/A	N/A
Public Services—Other Public Facilities					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
No project design features or mitigation measures are proposed or required.	N/A	N/A	N/A	N/A	N/A
Traffic/Transportation/Parking					
Project Design Features	Plan approval; Field check to confirm implementation.	Pre-Construction; Construction; Operation	LAMCC; DCP, as applicable		
PDF O-1: The Applicant shall coordinate construction parking through the Exposition Park General Manager. To the degree that any portion of Parking Lot 6 is required for parking for events occurring in Exposition Park during Modified Project construction, adequate parking supplies shall be provided either by requiring all construction workers to park on the Project Site during those events, or requiring the Applicant to secure temporary off-site parking facilities for event users in the numerous nearby lots (such as those maintained by the University of Southern California).					
PDF O-2: Attendance at conference facility functions on non-event weekdays starting between 7:00 and 10:00 A.M. shall be limited to 261 attendees, and attendance at conference facility functions on non-event weekdays starting or ending between 3:00 and 6:00 P.M. shall be limited to 430 attendees.					
PDF O-3: A maximum of 8,000 sf of uses within the proposed food hall/marketplace may be open for business during the weekday A.M. peak hour. The team store, other retail uses, and all other restaurant uses shall not open for business until 10:00 A.M. or later.					
PDF O-4: For periods at least two hours before, during, and two hours after games/events at the proposed stadium, the Ancillary Uses shall be open only to					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
ticket-holding game/event patrons. For events at the adjacent Coliseum reasonably anticipated to equal or exceed 25,000 patrons in attendance, including USC home football games, the Ancillary Uses shall be open only to ticket-holding patrons of those events for periods at least three hours before, during, and two hours after the events.					
PDF O-5: Construction activities shall be scheduled so that no more than 70 construction worker vehicles are scheduled to arrive at the Project Site between the hours of 7:00 A.M. and 9:00 A.M.					
PDF O-6: The Applicant shall coordinate with Metro on appropriate service levels for Metro transit services on stadium event days, including but not limited to the Expo Light Rail.					
PDF O-7: Message Sequencing—The freeway signs shall not include animated or sequenced content in order to avoid any driver compulsion to reduce speed until the conclusion of a message sequence.					
Project-Specific Mitigation Measures					
MM G-1: The Applicant shall prepare a Construction Management Plan detailing proposed haul routes and staging areas for the transportation of materials and equipment, with consideration for sensitive uses in the neighborhood. The Construction Management Plan shall be submitted for approval by LADOT and the Department of Building and Safety prior to the issuance of any permits. The Construction Management Plan shall include the following requirements: • The preferred haul route to and from the					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
Project Site shall be Martin Luther King, Jr. Boulevard to and from the Harbor Freeway. Trucks shall not be permitted to travel along local residential streets. • A flagman shall be placed at the truck entry and exit from the Project Site onto Martin Luther King, Jr. Boulevard to control the flow of exiting trucks. • Deliveries and pick-ups of construction materials shall be scheduled during non-peak travel periods to the degree possible and coordinated to reduce the potential of trucks waiting to load or unload for protracted periods of time. • Access shall remain unobstructed for land uses in proximity to the Project Site during construction of the Modified Project. • In the event of a lane or sidewalk closure, a worksite traffic control plan, approved by the City of Los Angeles, shall be implemented to route traffic or pedestrians around any such lane or sidewalk closures. • The locations of truck staging shall be identified and measures shall be included to ensure that trucks use the specified haul route and do not travel through nearby residential neighborhoods. • Vehicle movements shall be scheduled to minimize vehicles waiting off-site and impeding public traffic flow on the surrounding streets. • Requirements shall be established for the loading, unloading, and storage of materials					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
on the Project Site. • Requirements shall be established for the temporary removal of parking spaces, time limits for the reduction of travel lanes, and closing or diversion of pedestrian facilities to ensure the safety of pedestrian and access to local businesses. • The Applicant shall coordinate with the City and emergency service providers to ensure adequate access is maintained to the Project Site and neighboring businesses. • If the construction periods for the Modified Project and the My Figueroa Street improvement project overlap, the Applicant shall coordinate with the City to minimize the potential combined effects of the two projects to the extent possible. **MM J-1:** Combined with the Coliseum, the campus supervised by the Coliseum Commission currently holds events ranging from 500 to 93,000 people in attendance. The Applicant and USC shall schedule events at the two facilities in such a manner that the event attendance size at the two venues combined does not exceed 93,000 people. **MM J-2:** The Applicant shall coordinate with Metro Bus Operation Control Special Events Coordinator at 213-922-4632 and LADOT Staff regarding construction activities that may affect Metro and LADOT bus line operations.					
Utilities and Service Systems—Wastewater					
No project design features or mitigation measures are proposed or required.	N/A	N/A	N/A	N/A	N/A

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
Utilities and Service Systems—Water					
Project Design Features **PDF P-1:** The Modified Project would reduce indoor potable water demand by at least 20 percent below Section 5.303.3 of the 2013 California Green Building Standards Code—January 1, 2014, Errata. ***Project-Specific Mitigation Measures*** **MM I.2-1:** The Project shall comply with Ordinance No. 170,978 (Water Management Ordinance), which imposes numerous water conservation measures in landscape, installation, and maintenance (e.g., use drip irrigation and soak hoses in lieu of sprinklers to lower the amount of water lost to evaporation and overspray, set automatic sprinkler systems to irrigate during the early morning or evening hours to minimize water loss due to evaporation, and water less in the cooler months and during the rainy season). In addition, the Department of Water and Power requires the following conservation measures for all new development in the City of Los Angeles: • High-efficiency toilets (1.28 gallons per flush or less, includes dual flush); • High-efficiency dual flush toilets in single-use bathrooms; • High-efficiency urinals (0.125 gallons per flush or less, includes waterless urinals); • Restroom faucet flow rate of 0.35 gallons per minute or less; • Public restroom self-closing faucets; • Showerhead flow rate of 1.5 gallons per	Plan approval; Field check to confirm implementation.	Pre-Construction; Operation	LAMCC; DCP, as applicable		

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
minute or less; • Limit of one showerhead per shower stall; • High-efficiency clothes washers (water factor of 6.0 or less); • High-efficiency dishwashers (ENERGY STAR rated); • Use of tankless and on-demand water heaters as feasible; • Cooling towers must be operated at a minimum of 5.5 cycles of concentration; • Require onsite water recycling systems for wastewater discharge for commercial laundries, dye houses, food processing, certain manufacturing operations, etc. (subject to a payback threshold of five years or less). Mandate water recycling system for all new car wash facilities. • Strict prohibition of single-pass cooling; (Note: Single-pass cooling refers to the use of potable water to extract heat from process equipment) • Irrigation system requirements: – Weather-based irrigation controller with rain shutoff; – Flow sensor and master valve shutoff (large landscapes); – Matched precipitation (flow) rates for sprinkler heads; – Drip/microspray/subsurface irrigation where appropriate; – Minimum irrigation system distribution uniformity of 75 percent;					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
– Proper hydro-zoning, turf minimization and use of native/drought tolerant plant materials; – Use of landscape contouring to minimize precipitation runoff; • Metering: – All irrigated landscapes of 5,000 square feet or more require separate metering or submetering; • Mandated use of recycled water (where available) for appropriate end uses (irrigation, cooling towers, sanitary); • Standard Urban Stormwater Mitigation Plan (SUSMP): Compliance with all City of Los Angeles SUSMP requirements, and encouraging implementation of Best Management Practices that have stormwater recharge or reuse benefits.					
Utilities and Service Systems—Solid Waste					
PDF P-2: A minimum of 20 percent of all Construction Specifications Institute (CSI) divisions three through ten building materials and products for development, measured by cost, shall consist of pre-consumer and post-consumer recycled content or shall be manufactured within a 500-mile radius of the Project Site. **PDF P-3:** During operation, the Modified Project shall: • Divert solid waste from landfills through robust recycling, the donation of durable goods, and implementing a front-of-house composting program that includes sourcing biodegradable concessions packaging. The	Field check to confirm implementation.	Construction; Operation	LAMCC; DCP, as applicable		

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
composting program shall incorporate appropriate odor management practices to reduce odor emissions at adjacent receptors. Examples of such practices include nutrient balance, temperature, moisture content, and aeration control. • Utilize a minimum of 90 percent of on-going consumable paper, janitorial, and lighting products that meet the following criteria: – Bio-based materials and/or chemicals – Minimal presence of exposure to potentially harmful chemicals – No Volatile Organic Compounds (VOC) – Biodegradable – Non-toxic – Low flammability ***Project-Specific Mitigation Measures*** **MM I.4-1:** The Applicant shall develop a construction and demolition debris recycling program to divert a minimum of 75 percent of construction related solid waste and demolition debris from area landfills. **MM I.4-2:** The Applicant shall develop an operational project recycling plan that includes the design and allocation of recycling collection and storage space in the Project. The Applicant shall demonstrate through annual compliance reports submitted to the City of Los Angeles Department of Public Works, Bureau of Sanitation, an annual operational diversion rate of at least 40 percent.					
Utilities and Service Systems—Energy					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
Project Design Features	Plan approval; Field check to confirm implementation.	Pre-Construction; Construction; Operation	LAMCC; DCP, as applicable		
PDF P-4: The Modified Project shall explore the feasibility of additional energy efficiency options as applicable to demonstrate compliance with AIA2030 challenge goal of 60-percent reduction from the 2003 Commercial Building Energy Consumption Standard (CBECS) for "Public Assembly—Recreation" facilities. The CBECS baseline for similar building types is 65 kBtu/sf. In order to achieve a 60-percent reduction the Modified Project shall investigate setting an energy consumption goal of 26 kBtu/sf.					
PDF P-5: The Modified Project shall explore the feasibility of achieving a 10-percent reduction in energy use below the 2013 California energy efficiency standards (Title 24, Part 6). In so doing, the Modified Project shall register for the savings of the design program.					
Project-Specific Mitigation Measures					
MM I.3-1: Built-in appliances, refrigerators, and space-conditioning equipment shall exceed the minimum efficiency levels mandated in the California Code of Regulations.					
MM I.3-2: The Applicant shall install high-efficiency air conditioning controlled by a computerized energy-management system in the office and retail spaces that provides the following: • A variable air-volume system that results in minimum energy consumption and avoid hot water energy consumption for terminal reheat; • A 100-percent outdoor air-economizer cycle to obtain free cooling in appropriate climate					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
zones during dry climatic periods; • Sequentially staged operation of air conditioning equipment in accordance with building demands; • The isolation of air conditioning to any selected floor to floors; and • Where feasible, reduce building conditioning load by reducing the amount of conditioned building area. **MM I.3-3:** The Proposed Project shall be designed in a manner that utilizes Cascade (i.e., passively transferred) ventilation air from high-priority areas before exhausted, thereby decreasing the volume of ventilation air required. For example, air could be passively transferred from occupied space to corridors then to mechanical spaces before being exhausted. **MM I.3-4:** The Applicant shall incorporate a recycle lighting system heat for space heating during cool weather. Exhaust lighting-system heat from buildings, via ceiling plenum, shall be used to reduce cooling loads in warm weather. **MM I.3-5:** The Applicant shall install low and medium static-pressure terminal units and ductwork to reduce energy consumption by air-distribution systems. **MM I.3-6:** The Applicant shall ensure that buildings are well sealed to prevent outside air from infiltrating and increasing interior space-conditioning loads. **MM I.3-7:** The Applicant shall conduct a performance check of the installed space-conditioning system prior to the issuance of the certificate of occupancy to ensure that energy-efficiency measures incorporated into the Project operate as					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
designed.					
MM I.3-8: Exterior walls shall be finished with light-colored materials and high-emissivity characteristics to reduce cooling loads. Interior walls shall be finished with light-colored materials to reflect more light and, thus, increase lighting efficiency.					
MM I.3-9: White, high albedo, and reflective material shall be used for roofing in order to meet California standards for reflectivity and emissivity to reject heat, and be Energy Star rated.					
MM I.3-10: Thermal insulation that exceeds requirements established by the California Code of Regulations shall be installed in walls and ceilings in accordance with the following specifications as feasible: • Exterior walls abutting to conditioned spaces: R-60 • Roof areas abutting conditioned spaces: R-80[b]					
MM I.3-11: Window systems shall be designed to reduce thermal gain and loss, thus reducing cooling loads during warm weather and heating loads during cool weather.					
MM I.3-12: The Applicant shall install heating-rejecting window treatments, such as films, blinds, draperies, or other on appropriate exposures.					
MM I.3-13: The Applicant shall install light-emitting diode (LED), fluorescent, and high-intensity-discharge (HID) lamps, which give the highest light output per watt of electricity consumed, wherever possible including all street and parking lot lighting to reduce electricity consumption. Reflectors shall be used to direct maximum levels					

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
of light to work surfaces. **MM I.3-14:** The Applicant shall install photosensitive controls and dimmable electronic ballasts to maximize the use of natural daylight available and reduce artificial lighting load. **MM I.3-15:** The Applicant shall install occupant-controlled light switches and thermostats to permit individual adjustment of lighting, heating, and cooling to avoid unnecessary energy consumption. **MM I.3-16:** The Applicant shall install time-controlled interior and exterior public area lighting limited to that necessary for safety and security. **MM I.3-17:** Mechanical systems (HVAC) and lighting building shall be controlled with timing systems to prevent accidental or inappropriate conditioning or lighting of unoccupied space. **MM I.3-18:** The Applicant shall incorporate windowless walls or passive solar inset of windows into the Project for appropriate exposures. **MM I.3-19:** Design Project shall focus pedestrian activity within sheltered outdoor areas.					
Additional Project Design Features					
Project Design Features **PDF Q-1:** All street trees to be removed shall be replaced on a 2:1 replacement ratio in compliance with the City of Los Angeles Department of Public Works' Bureau of Street Services, Urban Forestry Division's policies. Mexican fan palm (*Washingtonia robusta)* replacement trees shall be 36-inch box (22-foot brown trunk height). Chinese elm (*Ulmus Parvifolia*) replacement trees shall be 48-inch box. **PDF Q-2:** Separate from the required replacement of any	Permit approval; Field inspection and sign-off by Urban Forestry Division.	Construction	Los Angeles Department of Public Works		

Mitigation Measure/Project Design Features[a]	Action Required	Monitoring Phase	Responsible Agency	Compliance Verification	
				Initial	Date
street trees, the Project Applicant shall plant 10 Mexican fan palms in the Figueroa Corridor or within five blocks of the Figueroa Corridor in a location to be determined in consultation with Los Angeles City Council District 9.					

Note: This MMP reflects minor changes in the form of new or revised Project Design Features and mitigation measures since publication of the Third Addendum to the Certified EIR. Deletions are shown in ~~strikethrough text~~ and additions are shown in underlined text.

[a] *PDF = Project Design Feature*

MM = Mitigation measure (most were set forth in the Certified EIR for the Original Stadium Project).

CR = Code-required measure (most were set forth in the Certified EIR for the Original Stadium Project).

MP = The "MP" prefix identifies mitigation measures set forth in the Addendum for the Modified Project that would be implemented in addition to the mitigation measures set forth in the Certified EIR for the Original Stadium Project.

[b] *Insulation is rated in terms of thermal resistance, called R-value, which indicates the resistance to heat flow. The higher the R-value, the greater the insulating effectiveness. The R-value of thermal insulation depends on the type of material, its thickness, and its density.*

Source: Eyestone Environmental, 2019.