

## **IV. Mitigation Monitoring Program**

# **IV. Mitigation Monitoring Program**

---

## **1. Introduction**

This Mitigation Monitoring Program (MMP) has been prepared pursuant to Public Resources Code Section 21081.6, which requires a Lead Agency to adopt a “reporting or monitoring program for changes to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment.” In addition, Section 15097(a) of the State CEQA Guidelines requires that a public agency adopt a program for monitoring or reporting mitigation measures and project revisions, which it has required to mitigate or avoid significant environmental effects. This MMP has been prepared in compliance with the requirements of CEQA, Public Resources Code Section 21081.6 and CEQA Guidelines Section 15097.

The City of Los Angeles is the Lead Agency for the Project and therefore is responsible for administering and implementing the MMP. A public agency may delegate reporting or monitoring responsibilities to another public agency or to a private entity that accepts the delegation; however, until mitigation measures have been completed, the Lead Agency remains responsible for ensuring that implementation of the mitigation measures occurs in accordance with the program.

An Environmental Impact Report (EIR) has been prepared to address the potential environmental impacts of the Project. The evaluation of the Project’s impacts in the EIR takes into consideration the project design features (PDF) and applies mitigation measures (MM) needed to avoid or reduce potentially significant environmental impacts. This MMP is designed to monitor implementation of the PDFs and MMs identified for the Project.

## **2. Organization**

As shown on the following pages, each identified PDF and MM for the Project is listed and categorized by environmental impact area, with accompanying identification of the following:

- **Enforcement Agency:** The agency with the power to enforce the PDF or MM.

- **Monitoring Agency:** The agency to which reports involving feasibility, compliance, implementation, and development are made.
- **Monitoring Phase:** The phase of the Project during which the PDF or MM shall be monitored.
- **Monitoring Frequency:** The frequency at which the PDF or MM shall be monitored.
- **Action Indicating Compliance:** The action by which the Enforcement or Monitoring Agency indicates that compliance with the identified PDF or required MM has been implemented.

### **3. Administrative Procedures and Enforcement**

This MMP shall be enforced throughout all phases of the Project, although some measures within the MMP may apply only to certain activities or phases of the Project. The Applicant shall be responsible for implementing each PDF and MM and shall be obligated to provide certification, as identified below, to the appropriate monitoring and enforcement agencies that each PDF and MM has been implemented. The Applicant shall maintain records demonstrating compliance with each PDF and MM. Such records shall be made available to the City upon request.

During the construction phase and prior to the issuance of permits for the new tower, the Applicant shall retain an independent Construction Monitor (either via the City or through a third-party consultant), approved by the Department of City Planning, who shall be responsible for monitoring implementation of PDFs and MMs during construction activities consistent with the monitoring phase and frequency set forth in this MMP.

The Construction Monitor shall also prepare documentation of the Applicant's compliance with the PDFs and MMs during construction every 90 days in a form satisfactory to the Department of City Planning. The documentation must be signed by the Applicant and Construction Monitor and be included as part of the Applicant's Compliance Report. The Construction Monitor shall be obligated to immediately report to the Enforcement Agency any non-compliance with the MMs and PDFs within two businesses days if the Applicant does not correct the non-compliance within a reasonable time of notification to the Applicant by the monitor or if the non-compliance is repeated. Such non-compliance shall be appropriately addressed by the Enforcement Agency.

### **4. Program Modification**

After review and approval of the final MMP by the Lead Agency, minor changes and modifications to the MMP are permitted, but can only be made subject to City approval. The

Lead Agency, in conjunction with any appropriate agencies or departments, will determine the adequacy of any proposed change or modification. This flexibility is necessary in light of the nature of the MMP and the need to protect the environment. No changes will be permitted unless the MMP continues to satisfy the requirements of CEQA, as determined by the Lead Agency.

The Project shall be in substantial conformance with the PDFs and MMs contained in this MMP. The enforcing departments or agencies may determine substantial conformance with PDFs and MMs in the MMP in their reasonable discretion. If the department or agency cannot find substantial conformance, a PDF or MM may be modified or deleted as follows: the enforcing department or agency, or the decision maker for a subsequent discretionary project related approval, finds that the modification or deletion complies with CEQA, including CEQA Guidelines Sections 15162 and 15164, which could include the preparation of an addendum or subsequent environmental clearance, if necessary, to analyze the impacts from the modifications to or deletion of the PDFs or MMs. Any addendum or subsequent CEQA clearance shall explain why the PDF or MM is no longer needed, not feasible, or the other basis for modifying or deleting the PDF or MM, and that the modification will not result in a new significant impact consistent with the requirements of CEQA. Under this process, the modification or deletion of a PDF or MM shall not in and of itself require a modification to any Project discretionary approval unless the Director of Planning also finds that the change to the PDF or MM results in a substantial change to the Project or the non-environmental conditions of approval.

## 5. Mitigation Monitoring Program

### A. Air Quality

#### (1) Project Design Features

**Project Design Feature AQ-PDF-1:** The following equipment used during Project construction activities shall be electric-powered: air compressor, aerial lift, cement mixer, concrete saw, tower crane, excavator, forklift and welder.<sup>1</sup>

- **Enforcement Agency:** City of Los Angeles Department of City Planning; City of Los Angeles Department of Building and Safety
- **Monitoring Agency:** City of Los Angeles Department of City Planning; City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Pre-construction; Construction

---

<sup>1</sup> This PDF is included in the quantitative analysis.

- **Monitoring Frequency:** Periodically during construction
- **Action Indicating Compliance:** Once at plan check (provide proof of compliance); Field inspection sign-off

## B. Greenhouse Gas Emissions

### (1) Project Design Features

**Project Design Feature GHG-PDF-1:** The design of the new building will incorporate the following sustainability features:

- a. U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED®) program to meet the standards of LEED Silver® or equivalent green building standards;
  - b. Use of Energy Star-labeled products and appliances;
  - c. Use of light-emitting diode (LED) lighting or other energy-efficient lighting technologies, such as occupancy sensors or daylight harvesting and dimming controls, where appropriate, to reduce electricity use;
  - d. Fenestration designed for solar orientation; and
  - e. Pedestrian- and bicycle-friendly design with short-term and long-term bicycle parking.
- **Enforcement Agency:** City of Los Angeles Department of City Planning; City of Los Angeles Department of Building and Safety
  - **Monitoring Agency:** City of Los Angeles Department of Building and Safety
  - **Monitoring Phase:** Pre-construction; construction
  - **Monitoring Frequency:** Once at Project plan check; once during field inspection
  - **Action Indicating Compliance:** Plan check approval and issuance of applicable building permit; issuance of Certificate of Occupancy

## C. Noise

### (1) Project Design Features

**Project Design Feature NOI-PDF-1:** Power construction equipment (including combustion engines), fixed or mobile, will be equipped with state-of-the-art noise shielding and muffling devices, consistent with manufacturers' standards. All equipment will be properly maintained to ensure that no

additional noise due to worn or improperly maintained parts will be generated.

- **Enforcement Agency:** City of Los Angeles Department of Building and Safety; City of Los Angeles Department of City Planning
- **Monitoring Agency:** City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Construction
- **Monitoring Frequency:** Once at plan check (provide proof of compliance); periodically during construction
- **Action Indicating Compliance:** Plan check approval and issuance of applicable building permit; field inspection sign-off

**Project Design Feature NOI-PDF-2:** Project construction will not include the use of driven (impact) pile systems.

- **Enforcement Agency:** City of Los Angeles Department of Building and Safety
- **Monitoring Agency:** City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Construction
- **Monitoring Frequency:** Once at Project plan check (provide proof of compliance); periodically during construction
- **Action Indicating Compliance:** Plan check approval and issuance of applicable building permit; field inspection sign-off

**Project Design Feature NOI-PDF-3:** Outdoor mounted mechanical equipment will be enclosed or screened by the building design (e.g., a roof parapet or mechanical screen) from view of off-site noise-sensitive receptors. The equipment screen will be impermeable (i.e., solid material with minimum weight of 2 pounds per square foot) and break the acoustic line-of-sight from the equipment to the off-site noise-sensitive receptors.

- **Enforcement Agency:** City of Los Angeles Department of City Planning; City of Los Angeles Department of Building and Safety
- **Monitoring Agency:** City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Pre-construction; construction
- **Monitoring Frequency:** Once at Project plan check; once during field inspection
- **Action Indicating Compliance:** Plan check approval and issuance of applicable building permit; issuance of Certificate of Occupancy

**Project Design Feature NOI-PDF-4:** Outdoor amplified sound systems, if any, will be designed so as not to exceed the maximum noise level of 80 dBA ( $L_{eq-1hr}$ ) at a distance of 25 feet from the amplified speaker sound systems at Level 12 outdoor spaces and 85 dBA ( $L_{eq-1hr}$ ) at a distance of 25 feet from the amplified speaker sound systems at Level 51 outdoor spaces. A qualified noise consultant will provide written documentation that the design of the system complies with this maximum noise level.

- **Enforcement Agency:** City of Los Angeles Department of City Planning; City of Los Angeles Department of Building and Safety
- **Monitoring Agency:** City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Pre-construction; construction
- **Monitoring Frequency:** Once at Project plan check; once during field inspection
- **Action Indicating Compliance:** Once at Project plan check (provide proof of compliance); submittal of compliance report from noise consultant prior to Certificate of Occupancy

## (2) Mitigation Measures

**Mitigation Measure NOI-MM-1:** A temporary and impermeable sound barrier shall be erected at the locations listed below during the tower construction. At plan check, building plans shall include documentation prepared by a noise consultant verifying compliance with this measure.

- Along the southern property line of the Project Site between the construction areas and the noise sensitive use on the south side of 8th Street (receptor R1). The temporary sound barrier shall be designed to provide a minimum 13-dBA noise reduction at the ground level of receptor location R2.
- Along the eastern side of the Project's off-site staging area (along Hope Street) between the construction areas and the noise sensitive use on the east side of Hope Street (receptor R2). The temporary sound barrier shall be designed to provide a minimum 13-dBA noise reduction at the ground level of receptor location R2.
- During the off-site utility improvements construction along Hope Street. Provide a temporary moveable noise barrier between the construction equipment and receptor locations R1, R2, and R3, where feasible. The temporary noise barrier shall be designed to provide minimum 3-dBA, 6-dBA, and 2-dBA noise reductions at the ground level of receptor locations R1, R2, and R3, respectively.
- **Enforcement Agency:** City of Los Angeles Department of City Planning; City of Los Angeles Department of Building and Safety

- **Monitoring Agency:** City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Pre-construction; construction
- **Monitoring Frequency:** Once at Project plan check (provide proof of compliance); once during field inspection
- **Action Indicating Compliance:** Plan check approval and issuance of applicable building permit; submittal of compliance report from noise consultant

## D. Public Services—Police Protection

### (1) Project Design Features

**Project Design Feature POL-PDF-1:** During construction of the new building, the Applicant will implement temporary security measures, including security fencing, lighting, and locked entry of construction areas.

- **Enforcement Agency:** City of Los Angeles Police Department; City of Los Angeles Department of Building and Safety; City of Los Angeles Department of City Planning
- **Monitoring Agency:** City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Pre-construction; Construction
- **Monitoring Frequency:** Once at Project plan check (provide proof of compliance); once during field inspection
- **Action Indicating Compliance:** Plan check approval and issuance of applicable building permit; field inspection sign-off

**Project Design Feature POL-PDF-2:** During operation, the Project will provide a dedicated security team for the new tower.

- **Enforcement Agency:** City of Los Angeles Department of City Planning
- **Monitoring Agency:** City of Los Angeles Department of Building and Safety; City of Los Angeles Department of City Planning
- **Monitoring Phase:** Post-construction
- **Monitoring Frequency:** Once during field inspection
- **Action Indicating Compliance:** Submittal of compliance documentation by Applicant; issuance of Certificate of Occupancy

**Project Design Feature POL-PDF-3:** During operation, the Project will include a closed-circuit security camera system for the new tower.



- **Enforcement Agency:** City of Los Angeles Department of City Planning
- **Monitoring Agency:** City of Los Angeles Department of Building and Safety; City of Los Angeles Department of City Planning
- **Monitoring Phase:** Pre-construction; post-construction
- **Monitoring Frequency:** Once at Project plan check (provide proof of compliance); once during field inspection
- **Action Indicating Compliance:** Plan check approval and submittal of compliance documentation by Applicant; issuance of Certificate of Occupancy

**Project Design Feature POL-PDF-4:** The Project will provide lighting of building entries and walkways to provide for pedestrian orientation and clearly identify a secure route to the points of entry into the building.

- **Enforcement Agency:** City of Los Angeles Police Department; City of Los Angeles Department of Building and Safety; City of Los Angeles Department of City Planning
- **Monitoring Agency:** City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Pre-construction; post-construction
- **Monitoring Frequency:** Once at Project plan check; once during field inspection
- **Action Indicating Compliance:** Plan check approval and issuance of applicable building permit; issuance of Certificate of Occupancy

**Project Design Feature POL-PDF-5:** The Project will provide lighting of parking areas, elevators, and the residential lobby to maximize visibility and reduce areas of concealment.

- **Enforcement Agency:** City of Los Angeles Police Department; City of Los Angeles Department of Building and Safety; City of Los Angeles Department of City Planning
- **Monitoring Agency:** City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Pre-construction; post-construction
- **Monitoring Frequency:** Once at Project plan check (provide proof of compliance); once during field inspection
- **Action Indicating Compliance:** Plan check approval and issuance of applicable building permit; issuance of Certificate of Occupancy

**Project Design Feature POL-PDF-6:** The Project entrances to and exits from the new tower, open spaces around new tower, and the relocated

pedestrian walkway along Hope Street will be designed, to the extent practicable, to be open and in view of surrounding sites.

- **Enforcement Agency:** City of Los Angeles Department of City Planning
- **Monitoring Agency:** City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Pre-construction; post-construction
- **Monitoring Frequency:** Once at Project plan check (provide proof of compliance); once during field inspection
- **Action Indicating Compliance:** Plan check approval and issuance of applicable building permit; issuance of Certificate of Occupancy

**Project Design Feature POL-PDF-7:** Upon completion of construction of the new building and prior to the issuance of a building permit for the new building, the Project Applicant will submit a diagram of the Development Area to the LAPD Central Area Commanding Officer that includes access routes and any additional information that might facilitate police response.

- **Enforcement Agency:** City of Los Angeles Police Department; City of Los Angeles Department of City Planning; City of Los Angeles Department of Building and Safety
- **Monitoring Agency:** City of Los Angeles Department of Department of City Planning; City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Post-construction
- **Monitoring Frequency:** Once at Project plan check (provide proof of compliance); prior to the issuance of applicable building permit
- **Action Indicating Compliance:** Plan check approval and issuance of applicable building permit; issuance of Certificate of Occupancy

## E. Transportation

### (1) Project Design Features

**Project Design Feature TR-PDF-1:** A detailed Construction Traffic Management Plan (CTMP), including haul routes and staging plan, will be prepared and submitted to LADOT for review and approval prior to commencing construction for the new building. The CTMP will formalize how Project construction will be carried out and identify specific actions that will reduce effects on the surrounding community. The CTMP will be based on the nature and timing of the specific construction activities and other

projects in the vicinity of the Project Site and will include, but not be limited to, the following measures:

- Advance, bilingual notification of adjacent property owners and occupants of upcoming construction activities, including durations and daily hours of operation;
- Prohibition of construction worker or equipment parking on adjacent streets;
- A Traffic Control Plan formalizing the planning and scheduling of construction activities and identifying specific actions that will be undertaken to facilitate the flow of traffic on surrounding streets during construction. The Traffic Control Plan will be submitted to LADOT for review and approval prior to the issuance of demolition and grading permits for the new building;
- Scheduling of construction activities to reduce the effect on traffic flow on surrounding Arterial Streets;
- Containment of construction activity within the Project Site boundaries, to the extent feasible;
- Implementation of safety precautions for pedestrians and bicyclists through such measures as alternate routing and protection barriers;
- Scheduling of construction-related deliveries, haul trips, etc., to occur outside the commuter peak hours to the extent feasible;
- Spacing of trucks so as to discourage a convoy effect;
- Sufficient dampening of the construction area to control dust caused by grading and hauling and reasonable control at all times of dust caused by wind;
- Maintenance of a log, available on the job site at all times, documenting the dates of hauling and the number of trips (i.e., trucks) per day; and
- Identification of a construction manager and provision of a telephone number for any inquiries or complaints from residents regarding construction activities posted at the site readily visible to any interested party during site preparation, grading, and construction.
- **Enforcement Agency:** City of Los Angeles Department of Transportation; City of Los Angeles Department of City Planning
- **Monitoring Agency:** City of Los Angeles Department of Transportation; City of Los Angeles Department of City Planning
- **Monitoring Phase:** Pre-construction; construction

- **Monitoring Frequency:** Once at Project plan check prior to issuance of grading or building permit (provide proof of compliance); once during field inspection
- **Action Indicating Compliance:** Plan check approval and issuance of grading permit; field inspection sign-off

**Project Design Feature TR-PDF-2:** Prior to issuance of a certificate of occupancy for the new building, the Project will install vehicle signalized alert systems at all four existing parking garage driveways.

- **Enforcement Agency:** City of Los Angeles Department of Transportation; City of Los Angeles Department of City Planning
- **Monitoring Agency:** City of Los Angeles Department of Transportation
- **Monitoring Phase:** Construction
- **Monitoring Frequency:** Once prior to issuance of Certificate of Occupancy
- **Action Indicating Compliance:** Issuance of Certificate of Occupancy

## F. Utilities and Service Systems—Water Supply and Infrastructure

### (1) Project Design Features

**Project Design Feature WAT-PDF-1:** As part of the construction of the new building, a portion of the existing 8-inch water main on Hope Street will be upgraded to a 12-inch main. The upgrade will include approximately 710 feet of 12-inch ductile iron (DI) water main from the intersection of Hope Street and 8th Street to a point 710 feet northeast of 8th Street. Due to the mainline upgrade, the existing 8-inch water main will be cut and plugged in two locations and three existing fire hydrants will be re-tapped. System upgrades will require repaving, which will be paid for by the Project Applicant via the City of LA Bureau of Engineering Street Damage Restoration Fee.

- **Enforcement Agency:** City of Los Angeles Department of Water and Power; City of Los Angeles Department of Building and Safety; City of Los Angeles Fire Department
- **Monitoring Agency:** City of Los Angeles Department of City Planning; City of Los Angeles Department of Building and Safety; City of Los Angeles Fire Department
- **Monitoring Phase:** Pre-construction; Post-construction

- **Monitoring Frequency:** Once at plan check; Once during field inspection prior to issuance of Certificate of Occupancy
- **Action Indicating Compliance:** Plan check approval; Issuance of Certificate of Occupancy

**Project Design Feature WAT-PDF-2:** The design of the new building will incorporate the following additional water conservation features:

- High-efficiency Energy Star–rated residential clothes washers.
- High-efficiency Energy Star–rated residential dishwashers, should dishwashers be provided.
- Drip/Subsurface Irrigation (Micro-Irrigation).
- Proper Hydro-Zoning/Zoned Irrigation (groups plants with similar water requirements together).
- Drought-Tolerant Plants
- **Enforcement Agency:** City of Los Angeles Department of Water and Power; City of Los Angeles Department of Building and Safety
- **Monitoring Agency:** City of Los Angeles Department of City Planning; City of Los Angeles Department of Building and Safety
- **Monitoring Phase:** Pre-construction; construction
- **Monitoring Frequency:** Once at Project plan check (provide proof of compliance); once prior to issuance of Certificate of Occupancy
- **Action Indicating Compliance:** Plan approval and issuance of applicable building permit; issuance of Certificate of Occupancy