

MITIGATION MEASURES

I-10 Aesthetics (Landscape Plan)

Environmental impacts to the character and aesthetics of the neighborhood may result from project implementation. However, the potential impacts will be mitigated to a less than significant level by the following measure:

- All open areas not used for buildings, driveways, parking areas, recreational facilities or walks shall be attractively landscaped and maintained in accordance with a landscape plan and an automatic irrigation plan, prepared by a licensed Landscape Architect and to the satisfaction of the decision maker.

I-40 Aesthetics (Retaining Walls less than 8 feet in Height)

- Retaining walls that can be viewed from the adjacent public right(s)-of-way shall incorporate one or more of the following to minimize their visibility: clinging vines, espaliered plants, or other vegetative screening; decorative masonry, or other varied and textured façade; or utilize a combination of methods. The method of compliance with this measure shall be noted on any required landscape plan.

I-90 Aesthetics (Vandalism)

Environmental impacts may result from project implementation due to graffiti and accumulation of rubbish and debris along the wall(s) adjacent to public rights-of-way. However, this potential impact will be mitigated to a less than significant level by the following measures:

- Every building, structure, or portion thereof, shall be maintained in a safe and sanitary condition and good repair, and free from, debris, rubbish, garbage, trash, overgrown vegetation or other similar material, pursuant to Municipal Code Section 91.8104.
- The exterior of all buildings and fences shall be free from graffiti when such graffiti is visible from a street or alley, pursuant to Municipal Code Section 91.8104.15.

I-90 Aesthetics (Signage)

Environmental impacts may result from project implementation due to on-site signage in excess of that allowed under the Los Angeles Municipal Code Section 91.6205. However, the potential impact will be mitigated to a less than significant level by the following measures:

- On-site signs shall be limited to the maximum allowable under the Municipal Code.
- Multiple temporary signs in store windows and along building walls are not permitted.

I-120 Aesthetics (Light)

Environmental impacts to the adjacent residential properties may result due to excessive illumination on the project site. However, the potential impacts will be mitigated to a less than significant level by the following measure:

- 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.

III-10 Air Pollution (Demolition, Grading, and Construction Activities)

- All unpaved demolition and construction areas shall be wetted at least twice daily during excavation and construction, and temporary dust covers shall be used to reduce dust emissions and meet SCAQMD District Rule 403. Wetting could reduce fugitive dust by as much as 50 percent.
- The construction area shall be kept sufficiently dampened to control dust caused by grading and hauling, and at all times provide reasonable control of dust caused by wind.
- All clearing, earth moving, or excavation activities shall be discontinued during periods of high winds (i.e., greater than 15 mph), so as to prevent excessive amounts of dust.
- All dirt/soil loads shall be secured by trimming, watering or other appropriate means to prevent spillage and dust.
- All dirt/soil materials transported off-site shall be either sufficiently watered or securely covered to prevent excessive amount of dust.

- General contractors shall maintain and operate construction equipment so as to minimize exhaust emissions.
- Trucks having no current hauling activity shall not idle but be turned off.

III-90 Air Quality (Operational)

- The construction contractor shall choose low- or no- VOC indoor paints. VOC concentrations (grams/liter) of interior paints should equal to or less than those specified by the EPA's Environmentally Preferable Purchasing Program as follows:
 - Interior latex coatings: Flat, 100 grams/liter; Non-flat, 150 grams/liter
 - Interior oil-based paints: 380 grams/liter

III-60 Objectionable Odors (Commercial Trash Receptacles)

Environmental impacts may result from project implementation due to the location of trash receptacles near adjacent residences. However, these impacts will be mitigated to a less than significant level by the following measure:

- Open trash receptacles shall be located a minimum of 50 feet from the property line of any residential zone or use.
- Trash receptacles located within an enclosed building or structure shall not be required to observe this minimum buffer.

IV-90 Tree Removal (Public Right-of-Way)

- Removal of trees in the public right-of-way requires approval by the Board of Public Works.
- The required Tree Report shall include the location, size, type, and condition of all existing trees in the adjacent public right-of-way and shall be submitted for review and approval by the Urban Forestry Division of the Bureau of Street Services, Department of Public Works (213-847-3077).
- The plan shall contain measures recommended by the tree expert for the preservation of as many trees as possible. Mitigation measures such as replacement by a minimum of 24-inch box trees in the parkway and on the site, on a 1:1 basis, shall be required for the unavoidable loss of significant (8-inch or greater trunk diameter, or cumulative trunk diameter if multi-trunked, as measured 54 inches above the ground) trees in the public right-of-way.
- All trees in the public right-of-way shall be provided per the current Urban Forestry Division standards.

V-20 Cultural Resources (Archaeological)

Environmental impacts may result from project implementation due to discovery of unrecorded archaeological resources. However, the potential impacts will be mitigated to a less than significant level by the following measures:

- If any archaeological materials are encountered during the course of project development, all further development activity shall halt and:
 - a. The services of an archaeologist shall then be secured by contacting the South Central Coastal Information Center (657-278-5395) located at California State University Fullerton, or a member of the Society of Professional Archaeologist (SOPA) or a SOPA-qualified archaeologist, who shall assess the discovered material(s) and prepare a survey, study or report evaluating the impact.
 - b. The archaeologist's survey, study or report shall contain a recommendation(s), if necessary, for the preservation, conservation, or relocation of the resource.
 - c. The applicant shall comply with the recommendations of the evaluating archaeologist, as contained in the survey, study or report.
- Project development activities may resume once copies of the archaeological survey, study or report are submitted to:

SCCIC Department of Anthropology
 McCarthy Hall 477
 CSU Fullerton
 800 North State College Boulevard
 Fullerton, CA 92834
- Prior to the issuance of any building permit, the applicant shall submit a letter to the case file indicating what, if any, archaeological reports have been submitted, or a statement indicating that no material was discovered.

- A covenant and agreement binding the applicant to this condition shall be recorded prior to issuance of a grading permit.

V-30 Cultural Resources (Paleontological)

Environmental impacts may result from project implementation due to discovery of unrecorded paleontological resources. However, the potential impacts will be mitigated to a less than significant level by the following measures:

- If any paleontological materials are encountered during the course of project development, all further development activities shall halt and:
 - a. The services of a paleontologist shall then be secured by contacting the Center for Public Paleontology - USC, UCLA, California State University Los Angeles, California State University Long Beach, or the Los Angeles County Natural History Museum - who shall assess the discovered material(s) and prepare a survey, study or report evaluating the impact.
 - b. The paleontologist's survey, study or report shall contain a recommendation(s), if necessary, for the preservation, conservation, or relocation of the resource.
 - c. The applicant shall comply with the recommendations of the evaluating paleontologist, as contained in the survey, study or report.
 - d. Project development activities may resume once copies of the paleontological survey, study or report are submitted to the Los Angeles County Natural History Museum.
- Prior to the issuance of any building permit, the applicant shall submit a letter to the case file indicating what, if any, paleontological reports have been submitted, or a statement indicating that no material was discovered.
- A covenant and agreement binding the applicant to this condition shall be recorded prior to issuance of a grading permit.

V-40 Cultural Resources (Human Remains)

Environmental impacts may result from project implementation due to discovery of unrecorded human remains.

- In the event that human remains are discovered during excavation activities, the following procedure shall be observed:
 - a. Stop immediately and contact the County Coroner:

1104 N. Mission Road
Los Angeles, CA 90033
323-343-0512 (8 a.m. to 5 p.m. Monday through Friday) or
323-343-0714 (After Hours, Saturday, Sunday, and Holidays)
 - b. The coroner has two working days to examine human remains after being notified by the responsible person. If the remains are Native American, the Coroner has 24 hours to notify the Native American Heritage Commission.
 - c. The Native American Heritage Commission will immediately notify the person it believes to be the most likely descendent of the deceased Native American.
 - d. The most likely descendent has 48 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods.
 - e. If the descendent does not make recommendations within 48 hours the owner shall reinter the remains in an area of the property secure from further disturbance, or;
 - f. If the owner does not accept the descendant's recommendations, the owner or the descendent may request mediation by the Native American Heritage Commission.
- *Discuss and confer* means the meaningful and timely discussion careful consideration of the views of each party.

VI-10 Seismic

Environmental impacts to the safety of future occupants may result due to the project's location in an area of potential seismic activity. However, this potential impact will be mitigated to a less than significant level by the following measure:

- The design and construction of the project shall conform to the California Building Code seismic standards as approved by the Department of Building and Safety.

VI-50 Geotechnical Report

- Prior to the issuance of grading or building permits, the applicant shall submit a geotechnical report, prepared by a registered civil engineer or certified engineering geologist, to the Department of Building and Safety, for review and approval. The geotechnical report shall assess potential consequences of any soil strength loss, estimation of settlement, lateral movement or reduction in foundation soil-bearing capacity, and discuss mitigation measures that may include building design consideration. Building design considerations shall include, but are not limited to: ground stabilization, selection of appropriate foundation type and depths, selection of appropriate structural systems to accommodate anticipated displacements or any combination of these measures.
- The project shall comply with the conditions contained within the Department of Building and Safety's Geology and Soils Report Approval Letter for the proposed project, and as it may be subsequently amended or modified.

VI-20 Erosion/Grading/Short-Term Construction Impacts

Short-term erosion impacts may result from the construction of the proposed project. However, these impacts can be mitigated to a less than significant level by the following measures:

- The applicant shall provide a staked signage at the site with a minimum of 3-inch lettering containing contact information for the Senior Street Use Inspector (Department of Public Works), the Senior Grading Inspector (LADBS) and the hauling or general contractor.
- Chapter IX, Division 70 of the Los Angeles Municipal Code addresses grading, excavations, and fills. All grading activities require grading permits from the Department of Building and Safety. Additional provisions are required for grading activities within Hillside areas. The application of BMPs includes but is not limited to the following mitigation measures:
 - a. Excavation and grading activities shall be scheduled during dry weather periods. If grading occurs during the rainy season (October 15 through April 1), diversion dikes shall be constructed to channel runoff around the site. Channels shall be lined with grass or roughened pavement to reduce runoff velocity.
 - b. Stockpiles, excavated, and exposed soil shall be covered with secured tarps, plastic sheeting, erosion control fabrics, or treated with a bio-degradable soil stabilizer.

VIII-20 Explosion/Release (Methane Gas)

Environmental impacts may result from project implementation due to its location in an area of potential methane gas zone. However, this potential impact will be mitigated to a less than significant level by the following measures:

- All commercial, industrial, and institutional buildings shall be provided with an approved Methane Control System, which shall include these minimum requirements; a vent system and gas-detection system which shall be installed in the basements or the lowest floor level on grade, and within underfloor space of buildings with raised foundations. The gas-detection system shall be designed to automatically activate the vent system when an action level equal to 25% of the Lower Explosive Limit (LEL) methane concentration is detected within those areas.
- All commercial, industrial, institutional and multiple residential buildings covering over 50,000 square feet of lot area or with more than one level of basement shall be independently analyzed by a qualified engineer, as defined in Section 91.7102 of the Municipal Code, hired by the building owner. The engineer shall investigate and recommend mitigation measures which will prevent or retard potential methane gas seepage into the building. In addition to the other items listed in this section, the owner shall implement the engineer's design recommendations subject to Department of Building and Safety and Fire Department approval.
- All multiple residential buildings shall have adequate ventilation as defined in Section 91.7102 of the Municipal Code of a gas-detection system installed in the basement or on the lowest floor level on grade, and within the underfloor space in buildings with raised foundations.
- All single-family dwellings with basements shall have a gas detection system which is periodically calibrated and maintained in proper operating condition in accordance with manufacturer's installation and maintenance specifications.

IX-20 Stormwater Pollution (Demolition, Grading, and Construction Activities)

- Sediment carries with it other work-site pollutants such as pesticides, cleaning solvents, cement wash, asphalt, and car fluids that are toxic to sea life.
- Leaks, drips and spills shall be cleaned up immediately to prevent contaminated soil on paved surfaces that can be washed away into the storm drains.
- All vehicle/equipment maintenance, repair, and washing shall be conducted away from storm drains. All major repairs shall be conducted off-site. Drip pans or drop clothes shall be used to catch drips and spills.
- Pavement shall not be hosed down at material spills. Dry cleanup methods shall be used whenever possible.
- Dumpsters shall be covered and maintained. Uncovered dumpsters shall be placed under a roof or be covered with tarps or plastic sheeting.

XII-20 Increased Noise Levels (Demolition, Grading, and Construction Activities)

- The project shall comply with the City of Los Angeles Noise Ordinance No. 144,331 and 161,574, and any subsequent ordinances, which prohibit the emission or creation of noise beyond certain levels at adjacent uses unless technically infeasible.
- Construction and demolition shall be restricted to the hours of 7:00 am to 6:00 pm Monday through Friday, and 8:00 am to 6:00 pm on Saturday.
- Demolition and construction activities shall be scheduled so as to avoid operating several pieces of equipment simultaneously, which causes high noise levels.
- The project contractor shall use power construction equipment with state-of-the-art noise shielding and muffling devices.

XII-40 Increased Noise Levels (Parking Structure Ramps)

Environmental impacts may result from project implementation due to noise from cars using the parking ramp. However, the potential impacts will be mitigated to a less than significant level by the following measures:

- Concrete, not metal, shall be used for construction of parking ramps.
- The interior ramps shall be textured to prevent tire squeal at turning areas.
- Parking lots located adjacent to residential buildings shall have a solid decorative wall adjacent to the residential.

XII-60 Increased Noise Levels (Mixed-Use Development)

Environmental impacts to proposed on-site residential uses from noises generated by proposed on-site commercial uses may result from project implementation. However, the potential impact will be mitigated to a less than significant level by the following measure:

- Wall and floor-ceiling assemblies separating commercial tenant spaces, residential units, and public places, shall have a Sound Transmission Coefficient (STC) value of at least 50, as determined in accordance with ASTM E90 and ASTM E413.

XIV-10 Public Services (Fire)

Environmental impacts may result from project implementation due to the location of the project in an area having marginal fire protection facilities. However, this potential impact will be mitigated to a less than significant level by the following measure:

- The following recommendations of the Fire Department relative to fire safety shall be incorporated into the building plans, which includes the submittal of a plot plan for approval by the Fire Department either prior to the recordation of a final map or the approval of a building permit. The plot plan shall include the following minimum design features: fire lanes, where required, shall be a minimum of 20 feet in width; all structures must be within 300 feet of an approved fire hydrant, and entrances to any dwelling unit or guest room shall not be more than 150 feet in distance in horizontal travel from the edge of the roadway of an improved street or approved fire lane.

XIV-20 Public Services (Police – Demolition/Construction Sites)

- Fences shall be constructed around the site to minimize trespassing, vandalism, short-cut attractions and attractive nuisances.

XIV-30 Public Services (Police)

Environmental impacts may result from project implementation due to the location of the project in an area having marginal police services. However, this potential impact will be mitigated to a less than significant level by the following measure:

- The plans shall incorporate the design guidelines relative to security, semi-public and private spaces, which may include but not be limited to access control to building, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of toilet facilities or building entrances in high-foot traffic areas, and provision of security guard patrol throughout the project site if needed. Please refer to "Design Out Crime Guidelines: Crime Prevention Through Environmental Design", published by the Los Angeles Police Department. Contact the Community Relations Division, located at 100 W. 1st Street, #250, Los Angeles, CA 90012; (213) 486-6000. These measures shall be approved by the Police Department prior to the issuance of building permits.

XIV-40 Public Services (Construction Activity Near Schools)

Environmental impacts may result from project implementation due to the close proximity of the project to a school. However, the potential impact will be mitigated to a less than significant level by the following measures:

- The developer and contractors shall maintain ongoing contact with administrator of The Robert F. Kennedy Community Schools. The administrative offices shall be contacted when demolition, grading and construction activity begin on the project site so that students and their parents will know when such activities are to occur. The developer shall obtain school walk and bus routes to the schools from either the administrators or from the LAUSD's Transportation Branch-(323)342-1400 and guarantee that safe and convenient pedestrian and bus routes to the school be maintained.
- The developer shall install appropriate traffic signs around the site to ensure pedestrian and vehicle safety.
- There shall be no staging or parking of construction vehicles, including vehicles to transport workers on any of the streets adjacent to the school.
- Due to noise impacts on the schools, no construction vehicles or haul trucks shall be staged or idled on these streets during school hours.

XIV-50 Public Services (Schools affected by Haul Route)

- LADBS shall assign specific haul route hours of operation based upon The Robert F. Kennedy Community Schools hours of operation.
- Haul route scheduling shall be sequenced to minimize conflicts with pedestrians, school buses and cars at the arrival and dismissal times of the school day. Haul route trucks shall not be routed past the school during periods when school is in session especially when students are arriving or departing from the campus.

XVI-10 Increased Vehicle Trips/Congestion

An adverse impact may result from the project's traffic generation. An investigation and analysis conducted by the Department of Transportation has identified significant project-related traffic impacts which can be mitigated to less than significant level by the following measure:

- Implementing measure(s) detailed in said Department's communication to the Planning Department dated February 7, 2013 and June 25, 2009 and attached shall be complied with. Such report and mitigation measure(s) are incorporated herein by reference.

XVII-10 Utilities (Local Water Supplies - Landscaping)

Environmental impacts may result from project implementation due to the cumulative increase in demand on the City's water supplies. However, this potential impact will be mitigated to a less than significant level by the following measures:

- 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 to the requirements of the Landscape Ordinance, the landscape plan shall incorporate the following:
 - Weather-based irrigation controller with rain shutoff
 - Matched precipitation (flow) rates for sprinkler heads
 - Drip/microspray/subsurface irrigation where appropriate
 - Minimum irrigation system distribution uniformity of 75 percent
 - Proper hydro-zoning, turf minimization and use of native/drought tolerant plan materials
 - Use of landscape contouring to minimize precipitation runoff
 - A separate water meter (or submeter), flow sensor, and master valve shutoff shall be installed for existing and expanded irrigated landscape areas totaling 5,000 sf. and greater.

XVII-20 Utilities (Local Water Supplies - All New Construction)

Environmental impacts may result from project implementation due to the cumulative increase in demand on the City's water supplies. However, this potential impact will be mitigated to a less than significant level by the following measures:

- If conditions dictate, the Department of Water and Power may postpone new water connections for this project until water supply capacity is adequate.
- Install high-efficiency toilets (maximum 1.28 gpf), including dual-flush water closets, and high-efficiency urinals (maximum 0.5 gpf), including no-flush or waterless urinals, in all restrooms as appropriate.
- Install restroom faucets with a maximum flow rate of 1.5 gallons per minute.
- A separate water meter (or submeter), flow sensor, and master valve shutoff shall be installed for all landscape irrigation uses.
- Single-pass cooling equipment shall be strictly prohibited from use. Prohibition of such equipment shall be indicated on the building plans and incorporated into tenant lease agreements. (Single-pass cooling refers to the use of potable water to extract heat from process equipment, e.g. vacuum pump, ice machines, by passing the water through equipment and discharging the heated water to the sanitary wastewater system.)

XVII-40 Utilities (Local Water Supplies - New Residential)

Environmental impacts may result from project implementation due to the cumulative increase in demand on the City's water supplies. However, this potential impact will be mitigated to a less than significant level by the following measures:

- Install no more than one showerhead per shower stall, having a flow rate no greater than 2.0 gallons per minute.
- Install and utilize only high-efficiency clothes washers (water factor of 6.0 or less) in the project, if proposed to be provided in either individual units and/or in a common laundry room(s). If such appliance is to be furnished by a tenant, this requirement shall be incorporated into the lease agreement, and the applicant shall be responsible for ensuring compliance.
- Install and utilize only high-efficiency Energy Star-rated dishwashers in the project, if proposed to be provided. If such appliance is to be furnished by a tenant, this requirement shall be incorporated into the lease agreement, and the applicant shall be responsible for ensuring compliance.

XVII-60 Utilities (Local Water Supplies - Restaurant)

Environmental impacts may result from project implementation due to the cumulative increase in demand on the City's water supplies. However, this potential impact will be mitigated to a less than significant level by the following measures:

- Install/retrofit high-efficiency toilets (maximum 1.28 gpf), including dual-flush water closets, and high-efficiency urinals (maximum 0.5 gpf), including no-flush or waterless urinals, in all restrooms as appropriate.
- Install/retrofit restroom faucets with a maximum flow rate of 1.5 gallons per minute.
- Install/retrofit and utilize only restroom faucets of a self-closing design.