



CITY OF LONG BEACH

DEPARTMENT OF DEVELOPMENT SERVICES

333 West Ocean Blvd., 5th Floor

Long Beach, CA 90802

(562) 570-6194

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PLANNING BUREAU

NOTICE OF INTENT TO ADOPT

TO: Office of the County Clerk
Environmental Filing
12400 E. Imperial Highway, Room 2001
Norwalk, CA 90650

FROM: Department of Development Services
Planning Bureau, 5th Floor
333 W. Ocean Boulevard
Long Beach, CA 90802

In conformance with Section 15072 of the State CEQA Guidelines, please post this Notice for a period of 30 days. Enclosed is the required fee of \$75.00 for processing.

Notice is hereby given that the City of Long Beach, Lead Agency for the purposes of CEQA, proposes to adopt a Mitigated Negative Declaration (MND 01-10) for the project described below:

Project Location

100 Aquarium Way, Long Beach, CA 90802

Project Title

Aquarium of the Pacific "Pacific Visions" Addition

Project Description:

The proposed project involves construction of a 23,330-square foot addition (14% floor area increase) to an existing 166,447-square foot aquarium facility. The project consists of a new wing with a "media-based chamber," an expanded retail store, and a new front entrance. The Aquarium's total ground lease area is 276,371 square feet (6.34 acres). The project will be designed and built to the USGBC's LEED Gold standards with "add-alternate" design plans to bring the project to Platinum status if funding is available.

The primary feature will be a two-story, 65-foot-tall wing, titled Pacific Visions that will contain a new changing exhibit gallery and an immersive theater as well as guest services for ticketing and membership. The exterior of the building also will provide a new, unique programming option in the form of a large LED wall sign for increasing the visibility of the Aquarium along the waterfront, enhancing the architecture of the Aquarium. The project also includes a new entrance façade, more lobby space, and addition of 1,700 square feet to the existing 4,000-square-foot retail gift shop. The project is fully funded by support from philanthropic contributions and competitive grants, and will be phased to accommodate cash flow and minimize operational impacts. The Aquarium will retain sufficient open space of approximately 24,000 square feet in the front lawn area, including a picnic area, a fountain with an educational mural about the local watersheds' flora and fauna, bicycle racks, and a drought-tolerant garden exhibit, all open to public use.

Economic Research Associates (ERA) estimated that the expansion will increase the Aquarium's annual attendance by 42,000 (less than 3%). Students from UCLA's Anderson

(continued)

School of Management estimated that the Aquarium has a market potential of 2.0 million annual visitors, which is below the original annual attendance estimates for the Aquarium.

The Aquarium of the Pacific Front Addition requires the following Planning entitlements:

- Site Plan Review (for development on City land over 1,000 square feet); and
- Conditional Use Permit (for an electronic message center sign).

Additionally, Mitigated Negative Declaration 01-10 has been prepared for certification.

Review Period during which the Lead Agency will receive comments on the proposed Negative Declaration:

Starting Date: Tuesday, May 18, 2010

Ending Date: Thursday, June 17, 2010

The Mitigated Negative Declaration will be presented to the Planning Commission for certification at 5:00 pm on Thursday, June 17, 2010. The meeting will be held in the Council Chamber of City Hall at 333 W. Ocean Blvd.

Copies of the Negative Declaration and all referenced documents are available for public review on the 5th floor of City Hall, at the Main Library, and on the internet at:

http://www.lbds.info/planning/environmental_planning/environmental_reports.asp

The project site is not on any list as enumerated under Section 65965.5 of the California Government Code.

The MND 01-10 Initial Study has determined that after mitigation no significant impacts would occur to any resource areas as a result of this project.

For additional information, contact:

Scott Kinsey
Department of Development Services
Planning Bureau, 5th Floor
333 W. Ocean Boulevard
Long Beach, CA 90802

(562) 570-6461
scott.kinsey@longbeach.gov



Aquarium of the Pacific “Pacific Visions” Addition
100 Aquarium Way

INITIAL STUDY

Prepared by:

City of Long Beach
Department of Development Services

INITIAL STUDY

Project Title:

Aquarium of the Pacific "Pacific Visions" Addition

Lead agency name and address:

City of Long Beach Development Services
333 W. Ocean Boulevard, 4th Floor
Long Beach, CA 90802

Contact person and phone number:

Scott Kinsey, Planner II
(562) 570-6461

Project location:

100 Aquarium Way
Long Beach, CA 90802

Project Sponsor's name and contact information:

Barbara Long for the Aquarium of the Pacific
320 Golden Shore, Suite 150
Long Beach, CA 90802
(562) 951-1636

General Plan:

Land Use Designation (LUD) 7: Mixed Use Districts

Zoning:

Downtown Shoreline Planned Development District (PD-6: Subarea 6)

Description of project:

The Aquarium of the Pacific proposes to construct a 23,330-squarefoot addition (14% floor area increase) to an existing 166,447-square foot aquarium facility, consisting of a new wing with a "media-based chamber," an expanded retail store, and a new front entrance. The Aquarium lot size is 276,371 square feet (6.34 acres). The project will be designed and built to the USGBC's LEED Gold standards with "add-alternate" design plans to bring the project to Platinum status if funding is available.

The primary feature will be a two-story, 65-foot tall wing, titled Pacific Visions that will contain a new changing exhibit gallery and an immersive theater as well as guest services for ticketing and membership. The exterior of the Aquarium will also provide a new, unique programming option in the form of LED wall sign for increasing the visibility of the Aquarium along the waterfront enhancing the architecture of the Aquarium. The addition project also includes a new entrance façade, more lobby space, and addition of 1,700 square feet to the existing 4,000- square foot retail gift shop. The project is fully

funded by support from philanthropic contributions and competitive government grants, and will be phased to accommodate cash flow and minimize operation impacts. The Aquarium will retain sufficient open space of approximately 24,000 square feet in the front lawn area, including a picnic area, a fountain with an educational mural about the local watersheds' flora and fauna, bicycle racks, and a drought-tolerant garden.

The data provided to the Aquarium by Economic Research Associates (ERA) estimated that the expansion will increase the Aquarium's annual attendance by 42,000 (less than 3%). Proposed project analysis conducted by students from UCLA's Anderson School of Management estimated that the Aquarium has a market potential of 2.0 million annual visitors, which is below the original annual attendance estimates for the Aquarium facility.

The Aquarium of the Pacific front addition would require the following Planning entitlements:

- Site Plan Review (development on City land over 1,000 square feet); and
- Conditional Use Permit (electronic message center sign).

Mitigated Negative Declaration No. 01-10 also will be presented for certification.

Public agencies whose approval is required:

Long Beach City Planning Commission
 California Coastal Commission

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages:

<input checked="" type="checkbox"/> Aesthetics	<input type="checkbox"/> Hazards & Hazardous Materials	<input type="checkbox"/> Population & Housing
<input type="checkbox"/> Agricultural Resources	<input type="checkbox"/> Hydrology & Water Quality	<input type="checkbox"/> Public Services
<input checked="" type="checkbox"/> Air Quality	<input checked="" type="checkbox"/> Land Use & Planning	<input type="checkbox"/> Recreation
<input type="checkbox"/> Biological Resources	<input type="checkbox"/> Mineral Resources	<input checked="" type="checkbox"/> Transportation & Traffic
<input type="checkbox"/> Cultural Resources	<input type="checkbox"/> National Pollution Discharge Elimination System	<input type="checkbox"/> Utilities & Service Systems
<input type="checkbox"/> Geology & Soils	<input checked="" type="checkbox"/> Noise	<input type="checkbox"/> Mandatory Findings of Significance

DETERMINATION:

On the basis of this initial evaluation:

- I find that the proposed project COULD NOT have a significant effect on the environment and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis, as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.



Scott Kinsey
Planner II

5/17/10

Date

EVALUATION OF ENVIRONMENTAL IMPACTS

- 1) A brief explanation is required for all answers except "No Impact" answers that are supported adequately by the information sources a lead agency cites in the parenthesis following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g. the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g. the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- 4) "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analysis," as described in (5) below, may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or Negative Declaration (per Section 15063(c)(3)(D)). In this case, a brief discussion should identify the following:
 - a) Earlier Analysis Used. Identify and state where they are available for review.
 - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effect were addressed by mitigation measures based on the earlier analysis.
 - c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g. general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7) Supporting information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
- 9) The explanation of each issue should identify:
 - a) The significance criteria or threshold, if any, used to evaluate each question; and
 - b) The mitigation measure identified, if any, to reduce the impact to less than significance.

I. AESTHETICS

a. Would the project have a substantial adverse effect on a scenic vista?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The subject site is relatively flat. The nearest topographic feature is the bluffs approximately one-third mile north of the subject site. The proposed addition will not be visible from the bluffs because of existing multi-level structures that sit between the bluffs and the proposed addition. Mid-rise office buildings exist west of the subject site; however, the proposed addition will be partially screened by an existing elevated roadway, Queensway Bay Bridge, located between the two sites. Furthermore, views from the office buildings are more distant views of the downtown skyline and the Queen Mary from the upper levels. A "Less Than Significant Impact" is anticipated.

b. Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The project site is located in an urbanized area and is not near a State Scenic Highway. An existing multi-story parking structure and Queensway Bay Bridge partially screen the subject site. "Less than Significant Impact" is anticipated.

c. Would the project substantially degrade the existing visual character or quality of the site and its surroundings?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The project site is currently developed with a 166,447 square-foot aquarium facility that is adjacent to a multistory parking structure and a multi-tenant commercial building. The proposed addition will complement the existing color, design, material, mass and scale of existing buildings. A "Less Than Significant Impact" is anticipated.

d. Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed project would include exterior lighting for safety and security purposes, a large LED sign system on the addition's façade (operating from 8:00 AM to 11:00 PM), and interior building lights that will be visible through windows at night. All lights will be required by conditions of approval to be shielded appropriately to prevent intrusion of light or glare onto adjacent properties. A "Less Than Significant Impact" is expected.

II. AGRICULTURE RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland.

a. Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

b. Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

c. Would the project involve other changes in the existing environment that, due to their location or nature, could result in conversion of Farmland to non-agricultural use?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

For items a. through c.: Agricultural Resources were evaluated in Section 6.15 of the Final EIR. The 1994 Final EIR analyzed and addressed the project impacts of the Queens Way Bay Master Plan. The project site is not located within an agricultural zone, and there are no agricultural zones within the vicinity of the project. Furthermore, the subject site is located within an area of the City that is developed with commercial and recreational land uses. "No Impact" is expected.

III. AIR QUALITY

The City of Long Beach is located within the South Coast Air Basin, which is subject to some of the worst air pollution in the nation, attributable to its topography, climate, meteorological conditions, large population base, and dispersed urban land use patterns.

Air quality conditions are affected by the rate and location of pollutant emissions and by climatic conditions that influence the movement and dispersion of pollutants. Atmospheric forces such as wind speed, wind direction, and air temperature gradients, along with local and regional topography, determine how air pollutant emissions affect air quality.

The South Coast Air Basin has a limited capability to disperse air contaminants because of its low wind speeds and persistent temperature inversions. In the Long Beach area, predominantly daily winds consist of morning onshore airflow from the southwest at a mean speed of 7.3 miles per hour and afternoon and evening offshore airflow from the northwest at 0.2 to 4.7 miles per hour with little variability between seasons. Summer wind speeds average slightly higher than winter wind speeds. The prevailing winds carry air contaminants northward and then eastward over Whittier, Covina, Pomona and Riverside.

The majority of pollutants found in the Los Angeles County atmosphere originate from automobile exhausts as unburned hydrocarbons, carbon monoxide, oxides of nitrogen and other materials. Of the five major pollutant types (carbon monoxide, nitrogen oxides, reactive organic gases, sulfur oxides, and particulates), only sulfur oxide emissions are produced mostly by sources other than automobile exhaust.

a. Would the project conflict with or obstruct implementation of the applicable air quality attainment plan?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

b. Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

c. Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

d. Would the project expose sensitive receptors to substantial pollutant concentrations?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

e. Would the project create objectionable odors affecting a substantial number of people?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

For a. through e.: Air quality was evaluated in Section 6.6 of the Final EIR. Exhaust emissions from construction equipment would not measurably increase ambient concentrations of criteria air pollutants. Existing mitigation measures requiring compliance with SCAQMD Rules 402 and 403 will apply to the proposed project. Lastly, the proposed project will cause an increase in number of vehicle trips; however, the threshold of significance will not be exceeded. "Less Than Significant Impacts" are anticipated.

IV. BIOLOGICAL RESOURCES

a. Would the project have a substantial adverse impact, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

b. Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

c. Would the project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

d. Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

e. Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

f. Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

For items a. through f.: Biological Resource was evaluated in Section 6.8 of the Final EIR. The proposed project site is located within an urbanized portion of the City, and is surrounded by existing rights-of-way and commercial development. The site presently consists of the existing Aquarium of the Pacific and passive open space, with the adjacent sites containing a multi-level parking structure, multi-tenant commercial buildings and a marina. No evidence exists of rare or sensitive species as listed in Title 14 of the California Code of Regulations or Title 50 of the Federal Code of Regulations. No riparian habitats, sensitive natural communities, or federally protected wetlands exist on site or in the vicinity of the site. Therefore the project would not conflict with any local policies, plans, or ordinances protecting biological resources. "No Impact" is expected.

V. CULTURAL RESOURCES

Some evidence indicates that primitive peoples inhabited portions of the City as early as 5,000 to 2,000 B.C. Much of the remains and artifacts of these ancient peoples were destroyed during the first century of the City's development. The remaining archaeological sites are located predominantly in the southeast sector of the City.

a. Would the project cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

b. Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA Guidelines Section 15064.5?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

c. Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

d. Would the project disturb any human remains, including those interred outside of formal cemeteries?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

For items a. through d.: Cultural Resources were evaluated in Section 6.15 of the Final EIR. The project site is not within a designated Historic District and consists of new development. The subject site was previously dredged and graded and no human remains, archaeological and paleontological resources were found at the time of site preparation. "No Impact" is expected.

VI. GEOLOGY AND SOILS

a. Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

- i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.**

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

ii) Strong seismic ground shaking?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

iii) Seismic-related ground failure, including Liquefaction?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

iv) Landslides?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

b. Would the project result in substantial soil erosion or the loss of topsoil?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

c. Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

d. Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

e. Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of wastewater?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

For items a. through e.: Earth Resource was evaluated in Section 6.4 of the Final EIR. The proposal will not result in new or unanticipated impacts. The increased and necessary foundations will be designed in accordance with the Uniform Building Code and the Structural Engineer Association of California which is one of the mitigation measures contained in the Final EIR.

VII. HAZARDS AND HAZARDOUS MATERIALS

a. Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

b. Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

c. Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

d. Would the project be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

f. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

g. Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

h. Would the project expose people or structures to a significant risk of loss, injury or death involving wild land fires, including where wild lands are adjacent to urbanized areas or where residences are intermixed with wild lands?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

For items a. through f.: Hazards and Risk Assessment were evaluated in Section 6.9 of the Final EIR. It was determined in the Final EIR that no significant adverse hazard impacts would occur. The project site is located within an urbanized setting, more than one-half mile from the nearest school. The proposed expansion of an approved land use would not emit hazardous emissions or involve the handling of hazardous or acutely hazardous materials, substances, or waste. No public streets or highways would be altered or obstructed as a result of the proposed partial demolition, grading, construction and ultimately project operation. Lastly, the project would not expose people or structures to a significant risk of loss, injury or death involving wildland fires. "No Impact" is anticipated.

VIII. HYDROLOGY AND WATER QUALITY

The Federal Emergency Management Agency has prepared a new series of Flood Insurance Rate Maps designating potential flood zones (based on the projected inundation limits for breach of the Hansen Dam and that of the Whittier Narrows Dam, as well as the 100-year flood as delineated by the U.S. Army Corps of Engineers), which was adopted in July 1998 and updated in January 2002.

a. Would the project violate any water quality standards or waste discharge requirements?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

b. Would the project substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

c. Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on- or off-site?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

d. Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

e. Would the project create or contribute runoff water that would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

f. Would the project otherwise substantially degrade water quality?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

g. Would the project place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

h. Would the project place within a 100-year flood hazard area structures that would impede or redirect flood flows?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

i. Would the project expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

j. Would the project result in inundation by seiche, tsunami or mudflow?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

For items a. through j.: Hydrology was evaluated in Section 6.5 of the Final EIR and subsequently in Section IV. of the 1998 Negative Declaration for the revised project and the 2005 Supplemental EIR for the Sierra Hotel Project. Based on information contained in Flood Inundation maps prepared by the US Corps of Engineers (1986) and the USGS (1981), the entirety of the project site is located within "Flood Zone B", a designation which denotes that it is an area situated between the expected limits of flooding resulting from a 100-year to 500-year storm event.

In 1991, the FEMA prepared revised maps. These recent revisions indicated that the entire site is subject to potential flooding (Panel 0020c). The 1994 interim regulations designate the site as a restoration zone (AR). The probability of occurrence for such extreme storms is very low, translating to that of a one percent chance of the storm occurring in any given one year period. The site is subject to Long Beach flood control ordinance. All stormwater drainage and

sanitary sewer drain infrastructures are currently in place for the project site. Water runoff control will comply with the National Pollution Discharge Elimination System and Best Management Practices. A "Less Than Significant Impact" is expected.

IX. LAND USE AND PLANNING

a. Would the project physically divide an established community?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

Downtown Shoreline PD-6 would have to be revised to allow for the requested 23,330-square foot expansion. The current PD-6 limits the aquarium size to a maximum of 150,000 square feet of gross floor area. "A Less than Significant Impact" is expected.

b. Would the project conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The Aquarium expansion proposal requires the following Planning entitlements: Site Plan Review and a Conditional Use Permit. Acquisition of said entitlements is necessary for project development as proposed herein. Thus, upon entitlement approval, no conflict with applicable land use plans, policies, or regulations would result. "No Impact" is warranted.

c. Would the project conflict with any applicable habitat conservation plan or natural communities conservation plan?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed project would be developed in a built-out urban environment. No habitat conservation plan or natural communities conservation plan would be affected by the project. "No Impact" is expected.

X. MINERAL RESOURCES

Historically, the primary mineral resource within the City of Long Beach has been oil and natural gas. However, oil and natural gas extraction operations have diminished over the last century as the resource has become depleted. Today, extraction operations continue, but on a reduced scale compared to past levels.

a. Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed site does not contain any oil extraction operations and thus project development would not have a negative impact on this resource. No other mineral resources are known to exist on the site, thus "No Impact" is expected.

b. Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The project site is not located in an area that would jeopardize locally important mineral resources, nor would the proposed development impair resource recovery from other sites that are delineated in any general, specific, or land use plan to be of importance in this area. "No Impact" is expected.

XI. NOISE

Noise is defined as unwanted sound that disturbs human activity. Environmental noise levels typically fluctuate over time, and different types of noise descriptors are used to account for this variability. Noise level measurements include intensity, frequency, and duration, as well as time of occurrence.

Some land uses are considered more sensitive to ambient noise levels than other uses due to the amount of noise exposure and the types of activities involved. Residences, motels, hotels, schools, libraries, churches, nursing homes, auditoriums, parks and

outdoor recreation areas are more sensitive to noise than are commercial and industrial land uses.

The City of Long Beach uses the State Noise/Land Use Compatibility Standards, which suggests a desirable exterior noise exposure at 65 dBA Community Noise Equivalent Level (CNEL) for sensitive land uses such as residences. Less sensitive commercial and industrial uses may be compatible with ambient noise levels up to 70 dBA. The City of Long Beach has adopted a Noise Ordinance (Long Beach Municipal Code Chapter 8.80) that sets exterior and interior noise standards.

a. Would the project result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance or applicable standards of other agencies?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

Demolition, grading, and construction efforts related to the proposed project will not create noise levels in excess of those established by the Long Beach City Ordinance. During the demolition, grading and construction periods, however, on-site activities could possibly cause temporary increases in ambient noise levels, though it's highly unlikely that they would exceed established standards. As a precaution resulting from the project site's close proximity to existing residential and commercial land uses, the following mitigation measure shall apply:

XI-1 Any person(s) associated with the proposed project shall only operate or permit the operation of any tools or equipment used for site preparation, construction or any other related building activity that produces loud or unusual noise which annoys or disturbs a reasonable person of normal sensitivity between the following hours:

Weekdays: 7:00 am to 7:00 pm **Sundays:** No work permitted
Saturdays: 9:00 am to 6:00 pm **Holidays:** No work permitted

The only exception(s) shall be if the Building Official gives authorization for emergency work at the project site.

With full compliance with the Noise Ordinance and incorporation of the mitigation measure above, a "Less Than Significant Impact with Mitigations Incorporated" is expected.

b. Would the project result in exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed project could expose persons to periodic ground borne noise or vibration during grading and construction phases. However, this type of noise would be typical for a construction project and will not be excessive, resulting in a "Less Than Significant Impact."

c. Would the project create a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The project site is located near the corner of Shoreline Drive and Queens Way Bay Drive. Existing ambient noise levels in the area stemming from automobile traffic are likely to be slightly higher than the permanent noise levels generated by the project as a land use. As a result, any permanent increase would likely be insubstantial. Therefore, a "Less Than Significant Impact" is expected.

d. Would the project create a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

Demolition of the northern façade of the Aquarium and ultimate construction of the proposed project would involve noise levels typically associated with physical development. A temporary noise level increase in areas surrounding the project site may occur during this phase of the project, but the issue has been addressed in XI (a) and would be mitigated to levels deemed to have a "Less Than Significant Impact with Mitigation Incorporated."

e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The site of the proposed project is not located within an airport land use plan, thus "No Impact" would occur.

f. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed project is not located within the vicinity of a private airstrip. "No Impact" would result.

XII. POPULATION AND HOUSING

The City of Long Beach is the second largest city in Los Angeles County and the fifth largest in California. At the time of the 2000 Census, Long Beach had a population of 461,522, which was a 7.5 percent increase from the 1990 Census. According to the 2000 Census, Long Beach had 163,088 housing units, with a citywide vacancy rate of 6.32 percent. As of January 1, 2008, the California Department of Finance estimated the population of Long Beach at 492,642. The Southern California Association of Governments (SCAG) projects a total population of 503,450 will inhabit the City of Long Beach by 2010.

a. Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes or businesses) or indirectly (for example, through extension of roads or other infrastructure)?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

b. Would the project displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

c. Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

For items a. through c.: The proposed project would not cause any substantial population growth in the area either directly or indirectly or displace any existing housing. The project site does not contain any residential structures. "No Impact" is expected.

XIII. PUBLIC SERVICES

Fire protection would be provided by the Long Beach Fire Department. The Department has 23 stations in the City. The Department is divided into bureaus of Fire Prevention, Fire Suppression, the Bureau of Instruction, and the Bureau of Technical Services. The Fire Department is accountable for medical, paramedic, and other first aid rescue calls in the City.

Police protection would be provided by the Long Beach Police Department. The Department is divided into bureaus of Administration, Investigation, and Patrol. The City is divided into four Patrol Divisions: East, West, North and South.

The City of Long Beach is served by the Long Beach Unified School District, which also serves the City of Signal Hill and a large portion of the City of Lakewood. The District has been operating at or over capacity during the past decade.

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

a. Fire protection?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed project is a modestly sized aquarium facility expansion. The additional space to expand an existing land use would not necessitate the need for new or physically altered government facilities. "A Less than Significant Impact" is expected.

b. Police protection?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed expansion would likely create a slight increase in police presence due to the potential 3% increase in attendance, but project impacts on policing demand, given the size of the expansion, would be "Less Than Significant."

c. Schools?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

d. Parks?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

e. Other public facilities?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

For items c. through e.: The expansion of a non-residential land use would not result in the need for expanded public facilities and services. "No Impact" is expected.

XIV. RECREATION

a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed project involves expansion of an existing aquarium that is adjacent to passive and active open space. The proposed expansion is expected to draw more patrons into the site and the surrounding amenities however, the increase in patronage is not expected to cause substantial deterioration or accelerated deterioration of the adjacent recreational facilities. "No Impact" is expected.

b. Does the project include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The project would increase the Aquarium's total floor area by 14%. The proposed addition is in an urbanized area surrounded by an existing multi-level parking structure, multi-tenant commercial structures, and entertainment and recreation facilities. In addition, the proposed addition will meet LEED Gold Standards and if additional funding is available, elevate to the project to LEED Platinum level. "No Impact" would result.

XV. TRANSPORTATION/TRAFFIC

Since 1980, Long Beach has experienced significant population growth, which is expected to continue into the future. Inevitably, growth will generate additional demand for travel. Without proper planning and necessary transportation improvements, this increase in travel demand could result in gridlock on freeways and streets, and jeopardize the tranquility of residential neighborhoods.

a. Would the project cause an increase in traffic that is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The 1994 EIR concluded that implementation of project-site mitigation measures and physical improvements on the Citywide transportation system would reduce potentially unavoidable adverse impacts at a number of intersections. The 1998 Negative Declaration determined that the additional traffic generated by the revised project was not likely to be significant and would be less than the impacts anticipated in the 1994 EIR due to the reduced scale of the revised project. Additionally, the 2005 Supplemental EIR determined that all significance thresholds with the exception of parking capacity would be at either "No Impact" or "Less Than Significant Impact" level. This is due to the fact that even after the development of Sierra Hotel and the last remaining vacant pad in the Pike complex, the fully developed Pike complex will have approximately the same or less than the amount of total floor area as the revised project analyzed by the 1998 Negative Declaration. Therefore, no further CEQA analysis of these significance thresholds would be required.

The proposed 23,330 square foot addition would not result in any additional significant impacts nor would it increase the severity of previously anticipated significant impacts. Rather, all of the impacts associated with the proposed addition are within the envelope of impacts addressed in the Final EIR and do not constitute a new or greater significant impact. The Final EIR evaluated the aquarium's daily average attendance at 5,200 with the expected maximum attendance of 14,000 visitors per day. In 2009, the Aquarium's annual attendance reached 1,524,996 with the average attendance of 4,213 per day. Economic Research Association estimates that the expansion would increase the Aquarium's current annual attendance by 42,000 (or less than 3%). Students from UCLA Anderson School of Management estimate that the Aquarium has a market potential of 2.0 million annual visitors, below the original annual attendance estimates for the aquarium facility. The projected annual and average daily attendance for the proposed expansion is within the envelope of impacts addressed in the Final EIR. Therefore, a "Less than Significant Impact" is expected.

b. Would the project exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

Please see XV (a) for explanation. The proposed project will not result in a volume of trips that would exceed the capabilities of the surrounding streets and intersections. A "Less Than Significant Impact" is expected.

c. Would the project result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed project would have no impact upon air traffic patterns and is unrelated to aviation. "No Impact" is expected.

d. Would the project substantially increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

Access to the project site would come via existing Shoreline Drive, Aquarium Way or Queensway Bay Drive. The project will not change the existing street pattern and the City Traffic Engineer must review and approve all traffic-related aspects of this project to ensure that no substantial hazards are created. As such, "No Impact" is expected.

e. Would the project result in inadequate emergency access?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

Emergency access to the project site would be provided as required by the Fire Department, resulting in adequate emergency access. This is a requirement of

the entitlement and plan check process, and the project would not be approved without review and approval by the Fire Department. Any decision made by the Fire Department to modify emergency access requirements for this project would maintain the minimum standards required by the Fire Department for provision of emergency services; therefore, the proposed project would cause "No Impact" in regards to emergency access.

f. Would the project result in inadequate parking capacity?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

In 2009, Linscott Law and Greenspan prepared "Parking Analysis for the Pike at Rainbow Harbor" for Developers Diversified Realty. The parking analysis evaluated the Pike's parking requirements in conjunction with the parking demand requirements of the Aquarium of the Pacific and dinner cruise/boat operators within the harbors based on the methodology outlined in Urban Land Institute's (ULI) *Shared Parking, 2nd Edition*, and compared the total parking demand estimates against existing parking supply to identify and potential surplus or deficiencies in parking. The Sierra Hotel and the Catalina Lot were also evaluated.

The 2009 analysis concluded that, based on the application of the City Code parking ratios and the ULI's Shared Parking parameters, the peak parking demand for the Pike, Aquarium and other harbor activities is estimated to be between 3,064 spaces (under existing conditions) and 3,495 spaces (with the addition of future development and tenant occupancies) and is expected to occur at 9:00 PM on a weekend. When compared against the 4,307 space supply for the Pike (including the Aquarium Parking Structure), the peak parking needs correspond to parking surpluses of 812 spaces (future) to 1,243 spaces (existing). Per the requirements of the Long Beach Parking and Loading Standards, 100 parking spaces should be provided for the proposed 23,330 square foot addition. Based on the analysis, the proposed project would not result in inadequate parking capacity and thus, "No Impact" is expected.

g. Would the project conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

Long Beach Transit offers direct access from the subject site to the downtown transit station and the light rail system via their Passport C line. The subject site is also within walking distance to the light rail system and transit station. Furthermore, the project will be required to provide bicycle racks based on recently adopted amendments to the Zoning Regulations emphasizing sustainability. Given the above, the project would not conflict with adopted policies, plans, or programs supporting alternative transportation. "No Impact" will result.

XVI. UTILITIES AND SERVICE SYSTEMS

a. Would the project exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

b. Would the project require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

c. Would the project require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

d. Would the project have sufficient water supplies available to serve the project from existing entitlement and resources, or are new or expanded entitlement needed?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

e. Would the project result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

f. Would the project be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

g. Would the project comply with federal, state, and local statutes and regulations related to solid waste?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

For items a. through g.: Utilities and Service Systems were analyzed in Section 6.12 of the Final EIR. The proposed project will not place an undue burden on any utility or service system. The project would be developed in an urbanized setting with all utilities and services in place. The surrounding utility and service systems will adequately accommodate the proposed development. With regard to (g), the proposed project would be required to comply with all statutes and regulations related to solid waste. "No Impact" is expected.

XVII. MANDATORY FINDINGS OF SIGNIFICANCE

a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed project would be located within an established urbanized setting. Although the project would involve a brief disruption of an established setting, there would be "No Impact" to any known sensitive species.

b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed project involves construction of an addition that would increase the existing Aquarium's gross floor area by 14%. It would be located on a developed site and would not have impacts that would be cumulatively considerable. A "Less Than Significant Impact" will result, as any cumulative effects of this project, when viewed in connection with past, present, and probable projects, would not be substantial.

c. Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?

- Potentially Significant Impact Less Than Significant with Mitigation Incorporated Less Than Significant Impact No Impact

The proposed project would not have environmental effects that would cause substantial adverse effects upon human beings, either directly or indirectly. The project, as a whole, may cause a temporary decrease in air quality as a result of construction, but once constructed, the air quality and noise impacts generated by the land use and those who utilize the site would have a "Less Than Significant Impact" on people in and around the site. Furthermore, the mitigation measures for specific items outlined in this document would serve to diminish any effects that may otherwise be significant to levels below a threshold of significance.

MITIGATION MONITORING PLAN
MITIGATED NEGATIVE DECLARATION MND 01-10
Aquarium of the Pacific
100 Aquarium Way

XI. NOISE

XI-1 Any person(s) associated with the proposed project shall only operate or permit the operation of any tools or equipment used for site preparation, construction or any other related building activity that produces loud or unusual noise which annoys or disturbs a reasonable person of normal sensitivity between the following hours:

Weekdays: 7:00 am to 7:00 pm **Sundays:** No work permitted
Saturdays: 9:00 am to 6:00 pm **Holidays:** No work permitted
The only exception shall be if the Building Official gives authorization for emergency work at the project site.

TIMING: During all phases of construction of the project
ENFORCEMENT: Building Bureau

LIST OF PERSONS CONSULTED:

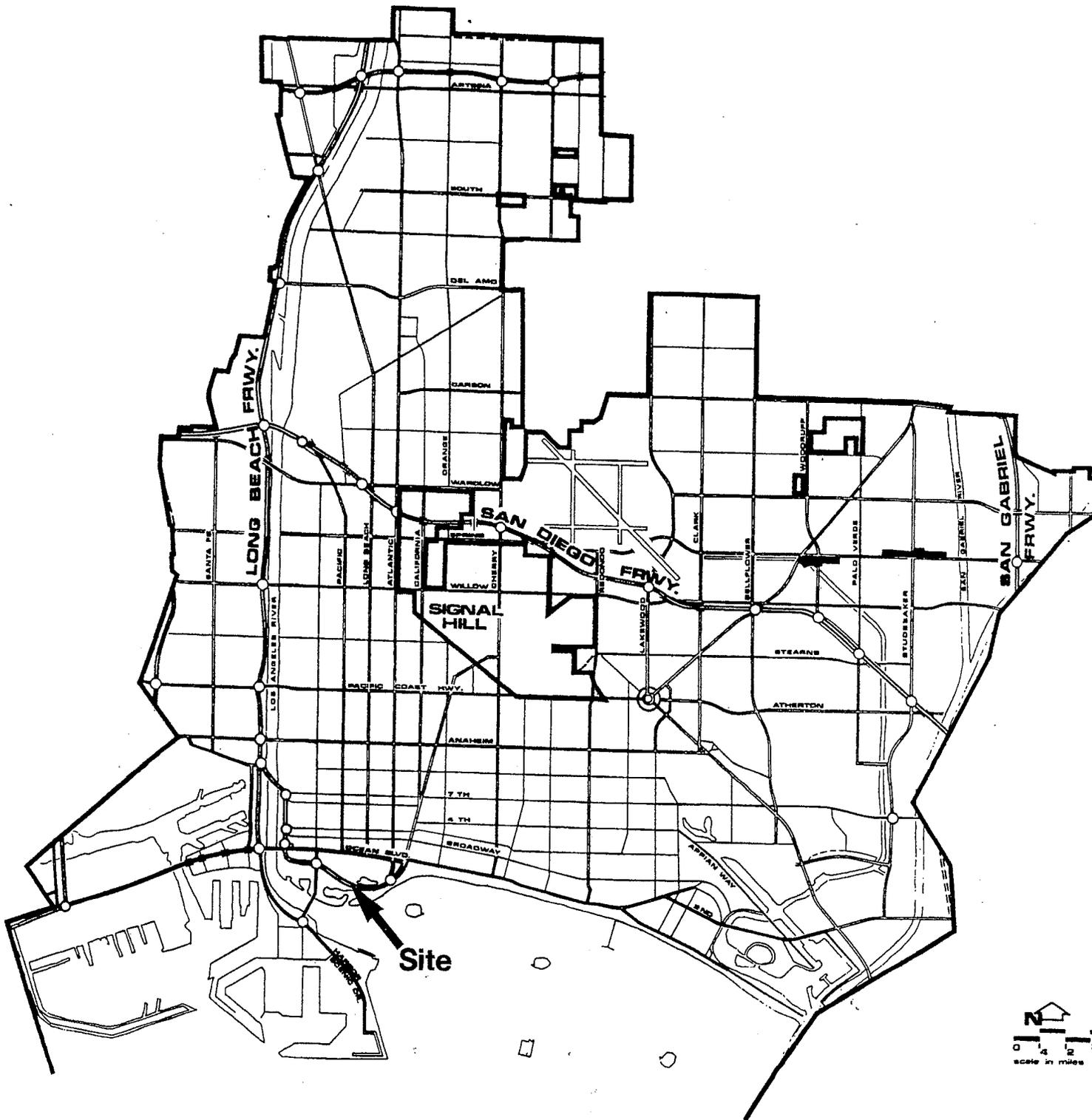
Fahria Qader, Aquarium of the Pacific
Barbara Long, Aquarium of the Pacific
Charles Posner, California Coastal Commission
David Roseman, Long Beach City Traffic Engineer

REFERENCES:

California Environmental Quality Act (CEQA) Guidelines
City of Long Beach General Plan, Land Use and Seismic Safety Elements
Long Beach Municipal Code, Chapter 8.80 (Noise) and Title 21 (Zoning Regulations)

ATTACHMENTS:

- A. Vicinity Map
- B. Site Plan

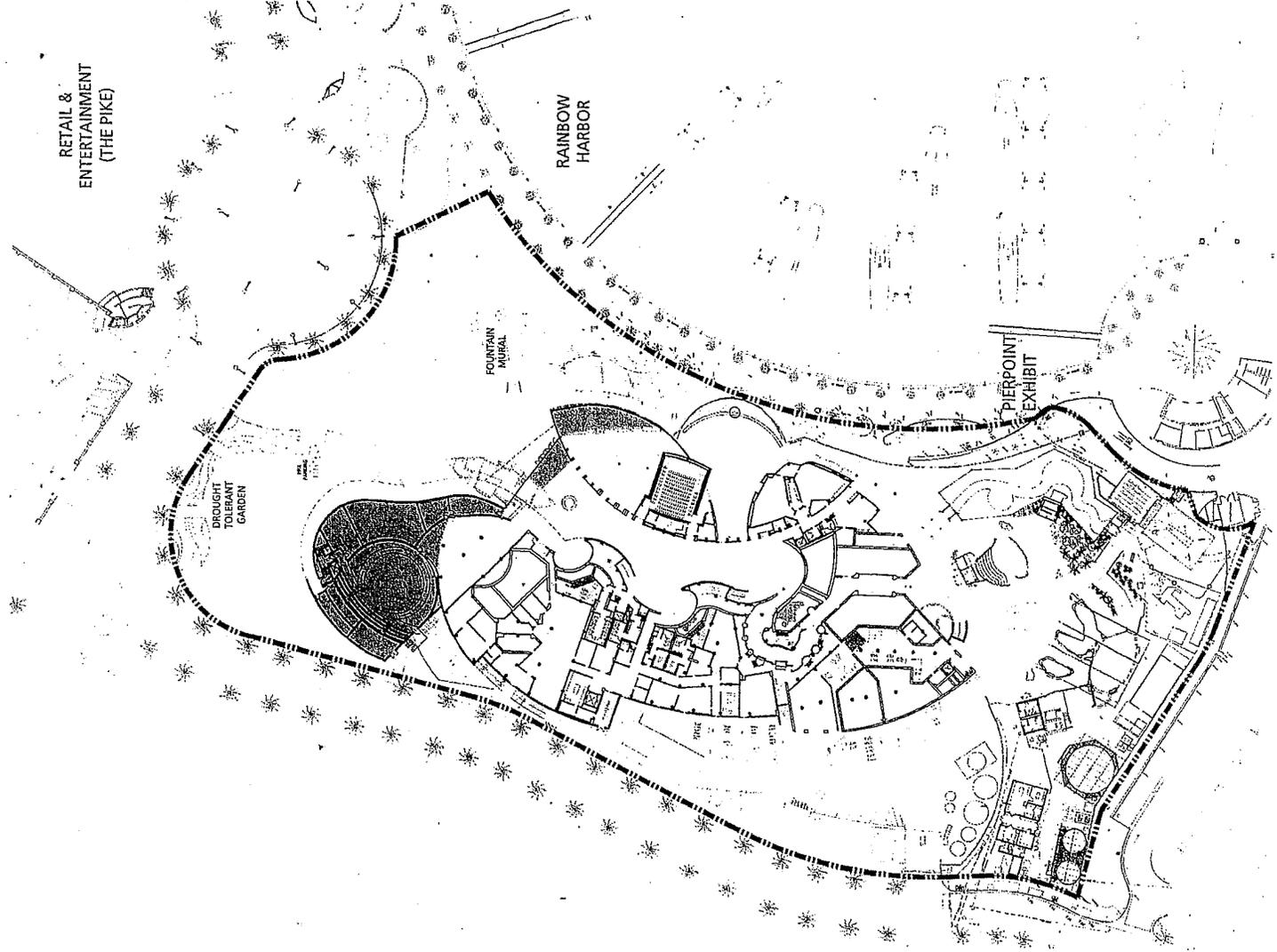


Site



EHDD
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**AQUARIUM
 OF THE PACIFIC**
 PACIFIC VISIONS
 01.13.10



EXISTING AQUARIUM
 TOTAL FLOOR AREA: 166,447sf
 LOT SIZE: 276,371sf (6.34 acres)
 LOT COVERAGE: 220,275sf
 FLOOR AREA RATIO: .60

AQUARIUM ADDITION
 TOTAL FLOOR AREA: 189,777sf
 LOT SIZE: 276,371sf (6.34 acres)
 LOT COVERAGE: 234,215sf
 FLOOR AREA RATIO: .69

AQUARIUM ADDITION
LOT LINE

