

CALIFORNIA COASTAL COMMISSION

South Coast Area Office
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W7a

Staff: M. Vaughn – LB
Date: February 15, 2018

ADMINISTRATIVE PERMIT

Application No. **5-17-0901**

Applicant: Eliana & Cleber Costa

Project Description: Replacement of a deck that cantilevers 5 feet beyond the bay front bulkhead with a new 48.5-foot long concrete deck that cantilevers 5 feet beyond the bulkhead, with a 42-inch high etched glass railing.

Project Location: 16688 Baruna Lane, Huntington Beach, Orange County
APN: 178-381-08

EXECUTIVE DIRECTOR'S DETERMINATION

The findings for this determination, and for any special conditions, appear on subsequent pages.

NOTE: P.R.C. Section 30624 provides that this permit shall not become effective until it is reported to the Commission at its next meeting. If one-third or more of the appointed membership of the Commission so request, the application will be removed from the administrative calendar and set for public hearing at a subsequent Commission meeting. Our office will notify you if such removal occurs.

This permit will be reported to the Commission at the following time and place:

Wednesday, March 9, 2018 at 9 am
Oxnard Harbor District
333 Ponomo St.
Port Hueneme, CA 93041

IMPORTANT - Before you may proceed with development, the following must occur:

Pursuant to 14 Cal. Admin. Code Sections 13150(b) and 13158, you must sign the enclosed duplicate copy acknowledging the permit's receipt and accepting its contents, including all conditions, and return it to our office. Following the Commission's meeting, and once we have received the signed acknowledgement and evidence of compliance with all special conditions, we will send you a Notice of Administrative Permit Effectiveness.

BEFORE YOU CAN OBTAIN ANY LOCAL PERMITS AND PROCEED WITH DEVELOPMENT, YOU MUST HAVE RECEIVED BOTH YOUR ADMINISTRATIVE PERMIT AND THE NOTICE OF PERMIT EFFECTIVENESS FROM THIS OFFICE.

JOHN AINSWORTH
Executive Director

By: Meg Vaughn
Coastal Program Analyst

STANDARD CONDITIONS

This permit is granted subject to the following standard conditions:

1. **Notice of Receipt and Acknowledgment.** The permit is not valid and development shall not commence until a copy of the permit, signed by the permittee or authorized agent, acknowledging receipt of the permit and acceptance of the terms and conditions, is returned to the Commission office.
2. **Expiration.** If development has not commenced, the permit will expire two years from the date the Commission voted on the application. Development shall be pursued in a diligent manner and completed in a reasonable period of time. Application for extension of the permit must be made prior to the expiration date.
3. **Interpretation.** Any questions of intent or interpretation of any term or condition will be resolved by the Executive Director or the Commission.
4. **Assignment.** The permit may be assigned to any qualified person, provided assignee files with the Commission an affidavit accepting all terms and conditions of the permit.
5. **Terms and Conditions Run with the Land.** These terms and conditions shall be perpetual, and it is the intention of the Commission and the permittee to bind all future owners and possessors of the subject property to the terms and conditions.

SPECIAL CONDITIONS: See pages six through eight.

EXECUTIVE DIRECTOR'S DETERMINATION (continued):

The Executive Director hereby determines that the proposed development is a category of development, which, pursuant to PRC Section 30624, qualifies for approval by the Executive Director through the issuance of an Administrative Permit. Subject to Standard and Special Conditions as attached, said development is in conformity with the provisions of Chapter 3 of the Coastal Act of 1976 and will not have any significant impacts on the environment within the meaning of the California Environmental Quality Act. If located between the nearest public road and the sea, this development is in conformity with the public access and public recreation policies of Chapter 3.

FINDINGS FOR EXECUTIVE DIRECTOR'S DETERMINATION

A. PROJECT DESCRIPTION

The applicants propose to remove a deck that is cantilevered 5 feet beyond the bulkhead and construct a new, 48.5-foot long concrete deck that cantilevers 5 feet beyond the bulkhead. The subject site is associated with a residentially zoned, harbor front lot at 16688 Baruna Lane, in Huntington Harbour in the City of Huntington Beach (**Exhibit 1**). The deck includes a 42-inch high etched or sandblasted glass railing along the perimeter of the cantilevered portion of the deck. The cantilevered deck will be set back 5 feet from the extension of the southern property line, and 6½ feet from the extension of the northern property line. The project plans are attached as **Exhibit 2**.

Most of the Huntington Harbour water frontage is developed with single-family homes on lots supported by bulkheads, many of which have cantilevered decks and boat docks over public waters, including properties adjacent to the project site. The proposed deck and railing are associated with the single-family residence on the property. The proposed deck is similar in function to the other cantilevered decks associated with residential development within Huntington Harbour. The proposed development is consistent with past Commission actions in the area.

The proposed deck will be sloped such that all drainage will be collected by a stainless steel gutter along the outer perimeter of the deck, and directed landward into two filter boxes on the residential lot, filtered using catch basin inserts and an absorbent pouch and, once filtered, will drain into the harbor waters. In addition, soaps, paints, detergents or any products containing ammonia, sodium hypochlorite, chlorinated solvents, petroleum distillates or lye will not be used on the deck and so will not be allowed to drain into the harbor waters. All work will occur from the landward side of the deck. No barges or any anchoring will occur. The proposed construction will not disturb harbor waters or harbor bottom sediments. Additionally, **Special Condition 1** requires the applicant to incorporate water quality and best management practices (BMP) measures into the project.

Although cantilevered above the water, the proposed deck would preclude the general public from utilizing the public water area underneath the deck for recreation or navigational purposes. However, the proposed deck will not expand further bayward than the existing deck to be replaced or than other decks in the area. There is no sandy beach area along the bulkhead, therefore, in this case, the placement of a deck cantilevered 5 feet beyond the bulkhead would not create any new impediment to shoreline public access as there is no opportunity for the public to walk in front of

the bulkhead at this site or immediate area. The nearest public access in the area is the public beach approximately 800 feet southeast of the site at Davenport Beach Park. The proposed development will not have any significant adverse impact on public access to the coast or to nearby recreational facilities. In this case, there is an existing significant pattern of development of 5-foot wide decks cantilevered over the bulkhead. Thus, the construction of a cantilevered deck at this site and in this location would not be establishing a new pattern of development (nor create an adverse public access condition, as previously mentioned). The Commission imposes **Special Condition 2** stating that the approval of a coastal development permit for the project does not waive any public rights or interest that exist or may exist on the property or on adjacent public waters.

The proposed deck will be cantilevered over the existing bulkhead. A Bulkhead Condition Report and Sea Level Rise Discussion (Report) was prepared for the proposed development by GeoSoils, Inc., dated February 11, 2018. The Report assessed the condition of the existing bulkhead and states:

“The bulkhead is in very good condition with no signs of any distress, movement, or scour at the mudline. The weep holes are functioning as intended. The construction joints are in good condition. The bulkhead face is level and continuous with the bulkhead fronting the adjacent properties (no rotation). The top of the bulkhead is at about elevation +9.4 feet NAAVD88. The base of the bulkhead was measured to be at elevation ~ - 2.0 feet NAVD88 which is in conformance with the requirements and design specifications of the County of Orange for Huntington Harbor bulkheads.”

Regarding the expected life of bulkhead effectiveness, the Report states:

“The bulkhead is in very good condition and has been in place for about 40 years. With maintenance, it is reasonable to assume that the bulkhead could last another 75 years. The bulkhead can be modified to adapt to sea level rise (SLR) as discussed later in this report.”

Additionally the Report states:

“With the SLR under the “likely” maximum SLR prediction (1.8 to 3.3 feet) [California Ocean Protection Council], the bottom of the deck and top of the bulkhead is safe from harbor water impacts until about the year 2100. This allows for about 3.3 feet of SLR under the maximum 67% probability SLR rate.

Finally, the Report states:

“The proposed deck and the existing bulkhead can be adapted to respond to sea level rise. The deck can be removed and the height of the bulkhead can be extended vertically. The deck can then be reconstructed on the higher bulkhead at an elevation above the potential harbor water impacts. Such a bulkhead extension would not require additional bay-ward encroachment. Based upon the maximum 67% probability SLR projection the deck and bulkhead top will be safe until the year ~2100. Under the 5% probability the deck will be safe until about the year 2075. The existing bulkhead can structurally accommodate an increase in height. Bulkhead extension is considered a viable means of mitigating SLR and

bay water impacts to the Huntington Harbor bulkheads and residences. An additional ~3 feet of height, to above elevation +12.0 feet NAVD88, can be easily added to the existing bulkhead, which would protect against the 5% probability SLR flood risk past the year 2100. Such adaptation would not result in additional bay-ward encroachment of the bulkhead since it could be added directly on top of the existing bulkhead.”

The City of Huntington Beach has a certified Local Coastal Program. However, due to the project location seaward of the mean high tide line, the project is within an area of the Commission’s retained permit jurisdiction. Nonetheless, the City’s certified Local Coastal Program may be used as guidance. The land use designation at the site is Open Space – Water (OS – W). The site is zoned Open Space Water Recreation. The proposed development is consistent with the City’s certified LCP, specifically with Implementation Plan Chapter 213 Open Space District, which allows private cantilevered decks abutting residential uses, and with Chapter 210, which provides standards for cantilevered decks in Huntington Harbor in the Open Space Water Recreation zone. The City of Huntington Beach reviewed the proposed plans and issued Approval-in-Concept dated 10/10/17. In this area of Huntington Harbour, the water area is owned by the State but administered by the City of Huntington Beach.

B. PUBLIC ACCESS

As conditioned, the proposed development will not have any new adverse impact on public access to the coast or to nearby recreational facilities. Thus, as conditioned, the proposed development conforms with Sections 30210 through 30214, Sections 30220 through 30224, and 30252 of the Coastal Act.

C. RECREATION

The proposed development, as conditioned, does not interfere with public recreational use of coastal resources. The proposed development, as conditioned, protects coastal areas suited for recreational activities. Therefore, the Commission finds that the proposed development, as conditioned, is in conformity with Sections 30210 through 30214 and Sections 30220 through 30223 of the Coastal Act regarding the promotion of public recreational opportunities.

D. WATER QUALITY

The proposed work will be occurring on, within, or adjacent to coastal waters. The storage or placement of construction material, debris, or waste in a location where it could be discharged into coastal waters would result in an adverse effect on the marine environment. To reduce the potential for construction related impacts on water quality, the Commission imposes special conditions requiring, but not limited to, the appropriate storage and handling of construction equipment and materials to minimize the potential of pollutants to enter coastal waters. To reduce the potential for post-construction impacts to water quality the Commission requires the continued use and maintenance of post construction Best Management Practices. As conditioned, the Commission finds that the development conforms to Sections 30230 and 30231 of the Coastal Act.

E. LOCAL COASTAL PROGRAM

An LCP for the City of Huntington Beach was effectively certified in March 1985. However, the proposed development is occurring within an area of the Commission’s original permit jurisdiction,

due to the project location seaward of the mean high tide line. Consequently, the standard of review is the Coastal Act and the City's LCP may be used as guidance. As conditioned, the proposed development is consistent with Chapter 3 policies of the Coastal Act and with the certified LCP for the area.

F. CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

As conditioned, there are no feasible alternatives or additional feasible mitigation measures available that would substantially lessen any significant adverse effect that the activity may have on the environment. Therefore, the Commission finds that the proposed project, as conditioned to mitigate the identified impacts, is the least environmentally damaging feasible alternative and can be found consistent with the requirements of the Coastal Act to conform to CEQA.

SPECIAL CONDITIONS:

This permit is granted subject to the following special conditions:

1. Water Quality

A. Construction Responsibilities and Debris Removal

- (1) No demolition or construction materials, equipment, debris, or waste shall be placed or stored where it may enter sensitive habitat, receiving waters or a storm drain, or be subject to wave, wind, rain or tidal erosion and dispersion;
- (2) Any and all debris resulting from demolition or construction activities, and any remaining construction material, shall be removed from the project site within 24 hours of completion of the project;
- (3) Demolition or construction debris and sediment shall be removed from work areas each day that demolition or construction occurs to prevent the accumulation of sediment and other debris that may be discharged into coastal waters;
- (4) Machinery or construction materials not essential for project improvements will not be allowed at any time in the intertidal zone;
- (5) If turbid conditions are generated during construction a silt curtain will be utilized to control turbidity;
- (6) Floating booms will be used to contain debris discharged into coastal waters and any debris discharged will be removed as soon as possible but no later than the end of each day;
- (7) Non buoyant debris discharged into coastal waters will be recovered by divers as soon as possible after loss;
- (8) All trash and debris shall be disposed in the proper trash and recycling receptacles at the end of every construction day;
- (9) The applicant shall provide adequate disposal facilities for solid waste, including excess concrete, produced during demolition or construction;
- (10) Debris shall be disposed of at a legal disposal site or recycled at a recycling facility. If the disposal site is located in the coastal zone, a coastal development permit or an amendment to this permit shall be required before disposal can take place unless the Executive Director determines that no amendment or new permit is legally required;

- (11) All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil;
- (12) Machinery and equipment shall be maintained and washed in confined areas specifically designed to control runoff. Thinners or solvents shall not be discharged into sanitary or storm sewer systems;
- (13) The discharge of any hazardous materials into any receiving waters shall be prohibited;
- (14) Spill prevention and control measures shall be implemented to ensure the proper handling and storage of petroleum products and other construction materials. Measures shall include a designated fueling and vehicle maintenance area with appropriate berms and protection to prevent any spillage of gasoline or related petroleum products or contact with runoff. The area shall be located as far away from the receiving waters and storm drain inlets as possible;
- (15) Best Management Practices (BMPs) and Good Housekeeping Practices (GHPs) designed to prevent spillage and/or runoff of demolition or construction-related materials, and to contain sediment or contaminants associated with demolition or construction activity, shall be implemented prior to the on-set of such activity; and
- (16) All BMPs shall be maintained in a functional condition throughout the duration of construction activity.

2. Public Rights. The approval of this permit shall not constitute a waiver of any public rights that exist or may exist on the property. The permittee shall not use this permit as evidence of a waiver of any public rights that may exist on the property.

ACKNOWLEDGMENT OF PERMIT RECEIPT/ACCEPTANCE OF CONTENTS:

I/We acknowledge that I/we have received a copy of this permit and have accepted its contents including all conditions.

Applicant's Signature

Date of Signing