

## ENVIRONMENTAL ISSUES

The issues to be discussed below have been determined to be of environmental concern. Other environmental issues (as described in the California Environmental Quality Act) have been examined and have been determined to be of no concern within the parameters of this project. Unless discussed in this Initial Study or the General Plan, the impacts resulting from this project (individual and/or collective) when added to past, current, or future projects, are not considered significant from a cumulative viewpoint.

### EARTH

The proposed project is located in an active landslide and movement of the soil is evident. Additional earth movement will be required and will disrupt the soil at the base of the sea bluff. The level access area landward of the gabions will require placement and compaction of fill over the existing soil. The area will be less subject to erosion which will change the topography and modify the physical features of the bluff, since they will not be as uneven and broken up but more natural. The project will decrease beach and bluff erosion and decrease siltation which will improve the water quality in the ocean. During construction and monitoring of the gabions, people will be exposed to the irregular sluffing of bluff material at the toe of the landslide.

### AIR

Construction equipment will emit pollutants above what is normally experienced in the area. This is a temporary situation which is expected with any type of construction activity and is not considered to be significant.

### WATER

The gabions will improve the water quality of the ocean in the immediate area since soil from the bluff will not be eroding as rapidly into the ocean. During construction of the gabions workers could be exposed to high waves. Since hazardous waves generally only occur during storms in the winter and the gabions are proposed to be constructed in the summer, this hazard is considered to be insignificant.

### PLANT LIFE

The gabions will help stabilize the bluff which will allow plant material to become established again. A reduction in siltation in the water will allow marine plant life to reestablish. Construction could disturb existing plants if activities were allowed to enter the area seaward of the "Artificial" mean high tide line.

### ANIMAL LIFE

The project will reduce siltation in the water so marine animal life will have the opportunity to reestablish in the project area. Construction could disturb existing marine animals if activities were allowed to enter the area seaward of the "Artificial" mean high tide line.

### NOISE

Construction of the gabions will cause a temporary increase in noise levels from the construction equipment. This increase is not considered to be a significant impact because it is only temporary.

### PUBLIC SERVICES

After the gabions are installed they will require monthly inspections. During heavy winter storms weekly inspections may be necessary. Repairs to damaged gabions are required generally once a year. This maintenance is budgeted as part of the Redevelopment Agency budget and is not significant when compared to the maintenance and monitoring required when the bluff is eroding at the current rate.

### MITIGATION MEASURES

The soil at the base of the bluff is currently continually eroding and washing into the ocean due to wave action. The gabions will protect this soil and drastically slow the erosion. The fill for the level access area will create a further buffer zone and buttress which will help to stabilize the bluff. The eventual topographic changes will be beneficial in that the bluff will be restored to more natural contours. Although people will be exposed to the irregular sluffing of bluff material during the construction, the long term effects of the landslide are much more hazardous for the 29 homes which are affected by the Portuguese Bend Landslide. This project will help to stabilize the slide which will lessen the geologic hazard for everyone in the area.

In order to minimize disturbance to any existing marine plant and animal life in the area, construction equipment should not be allowed in the area seaward of the "Artificial" mean high tide line. Only rocks of terrestrial origination should be used in the gabions and for the access area fill behind the gabions. Upon completion of the project all equipment and materials should be removed from the shoreline, and no equipment or materials should be stored on the shoreline.

#### FINDINGS/DETERMINATION

Although the proposed project could have effects on the environment, they are insignificant and can be further reduced through mitigation. Mitigation measures will be incorporated into the project.

In view of the foregoing information and analysis, the Environmental Assessment Questionnaire, supplemental data supplied by the applicant, and other information sources, it has been determined that a Negative Declaration should be issued; subject to mitigation.

This Initial Study was prepared by Laurie B. Jester, Associate Planner, under the Director of Environmental Services on May 2, 1990.

Data was supplied by the applicant, the Environmental Assessment Questionnaire and supplemental data, and through the sources listed below:

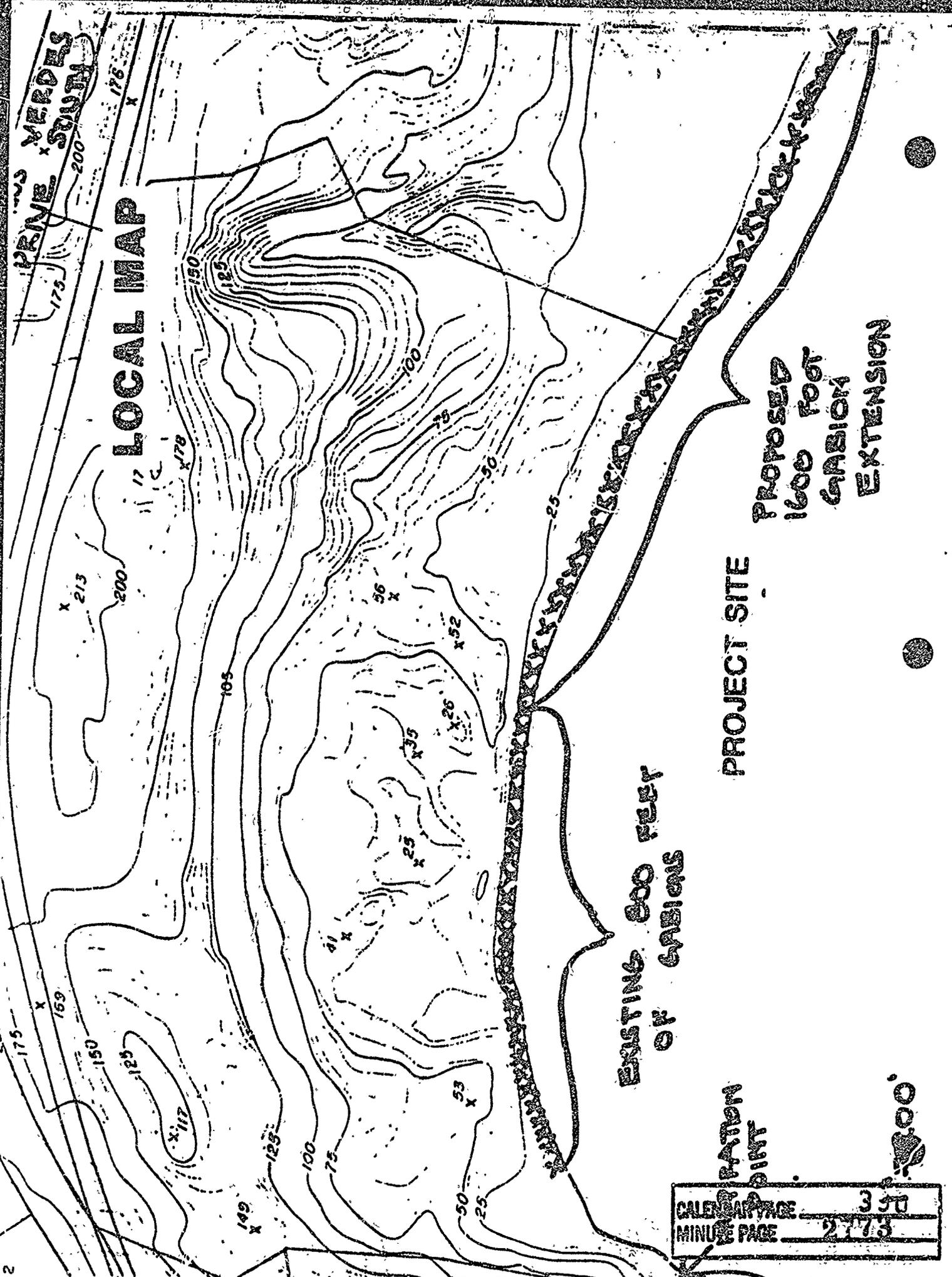
- Rancho Palos Verdes General Plan 1975 as amended.
- Rancho Palos Verdes Development Code 1976 as amended.
- Rancho Palos Verdes Coastal Specific Plan 1978 as amended.
- Environmental Assessment No. 605.
- Memorandum to: Charles Abbott  
From: Perry L. Ehlig, City Geologist, December 30, 1989
- Memorandum to: Charles Abbott  
From: John S. Stephens, Jr., Ph.D., Vantuna Research Group  
February 9, 1990
- "The Issues and Problems of Defining Property Boundaries on Tidal Waters in California", Peter H.F. Graber, Attorney at Law, Warren C. Thompson, Coastal Consultant, Conference on Coastal Erosion, San Diego, 1985.

MITIGATION MEASURES

- 1) No equipment, or construction material shall be stored or placed in the area seaward of the "Artificial" mean high tide line.
- 2) All equipment and materials used in the project shall be removed from the shoreline after the project is completed.
- 3) Quarterly monitoring and reporting, by the Redevelopment Agency Staff, of the effectiveness and condition of the gabions shall be required for one year upon completion of this project.
- 4) Only rocks of terrestrial origination shall be used in the gabions.
- 5) No equipment is to enter the area seaward of the "Artificial" mean high tide line.

LBJ:pg





PEINE VERDES SOUTH

**LOCAL MAP**

EXISTING 800 FEET OF GABIENS

PROJECT SITE

PROPOSED 1600 FOOT GABIEN EXTENSION

PATTON BENT	CALENDAR PAGE	350
	MINUTE PAGE	2703

0 100 200'



# RANCHO PALOS VERDES

Mayor MELVIN W. HUGHES

Mayor Pro Tem JOHN C. MCASBART

Councilman DOUGLAS M. HENCHLIFFE

Councilman ROBERT E. RYAN

Councilwoman JACKI BACHARACH

## PUBLIC NOTICE

### PROPOSED

### NEGATIVE DECLARATION

The City of Rancho Palos Verdes hereby gives notice that pursuant to the authority and criteria contained in the California Environmental Quality Act ("CEQA") and the CEQA Guidelines of the City of Rancho Palos Verdes, the Director of Environmental Services has analyzed the request for Environmental Assessment No. 605, Grading No. 1433, and Coastal Permit No. 91 proposed to be located in the 4900 block of Palos Verdes Drive South, south of Palos Verdes Drive South, east of Inspiration Point, and west of Klondike Canyon.

The project is briefly described as:

The extension of the gabions at the Portuguese Bend landslide shoreline to temporarily protect and prevent landslide material from eroding into the ocean. The gabions are a series of wire baskets filled with rocks stacked on top of one another. They would extend approximately 1600 feet beginning at the east end of the existing gabions to the west side of Klondike Canyon. This would complete the temporary shoreline protection in the Portuguese Bend landslide from Inspiration Point to the Portuguese Bend Club.

After reviewing the Initial Study and any applicable mitigating measures for the project, the Director of Environmental Services has determined that this project will not have a significant effect on the environment. Accordingly, a NEGATIVE DECLARATION has been prepared.

Public comments will be received by the City prior to final approval of the NEGATIVE DECLARATION and action on the project, for a period of at least 21 days, through May 22, 1990.

A public hearing will be held to discuss the project, including the proposed NEGATIVE DECLARATION, on May 22, 1990 at 7:30 p.m. at the City Council Chambers, Hesse Park, 29301 Hawthorne Boulevard, Rancho Palos Verdes.

A copy of all relevant material, including the project specifications, Initial Study, and the NEGATIVE DECLARATION, is on file in the offices of the Environmental Services Department, 30940 Hawthorne Boulevard, Rancho Palos Verdes, CA 90274. The Initial Study will be available for public review on May 2, 1990.

Please contact Laurie B. Jester at (213) 377-6008 for information.

30940 HAWTHORNE BOULEVARD, RANCHO PALOS VERDES CA 90274-5335

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Date: April 26, 1990

  
By: Robert Benard, Director  
Environmental Services

Please mail to: Los Angeles County Clerk  
County Courthouse  
111 North Hill Street  
Los Angeles, CA 90012

RB:LBJ:mk

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MINUTE PAGE 8175

FINAL

NEGATIVE DECLARATION

For: Environmental Assessment No. 605, Coastal Permit No. 91 and Grading No. 1433.

Application has been filed with the City of Rancho Palos Verdes for approval of the project known as the gabions to be located at the toe of the Portuguese Bend Landslide at the shoreline, and to be implemented by the City of Rancho Palos Verdes, Redevelopment Agency, 30940 Hawthorne Blvd., Rancho Palos Verdes, CA 90274.

The project is briefly described as:

The extension of the gabions at the Portuguese Bend landslide shoreline to temporarily protect and prevent landslide material from eroding into the ocean. The gabions are a series of wire baskets filled with rocks stacked on top of one another. They would extend approximately 1600 feet beginning at the east end of the existing gabions to the west side of Klondike Canyon. This would complete the temporary shoreline protection in the Portuguese Bend landslide from Inspiration Point to the Portuguese Bend Club.

Pursuant to the authority and criteria contained in the California Environmental Quality Act and the Environmental Impact Report Guidelines of the City of Rancho Palos Verdes, the Lead Agency has analyzed the project and determined that the project will not have a significant impact on the environment. Based on this finding, the Lead Agency prepared this NEGATIVE DECLARATION.

A copy of the Initial Study, documenting reasons to support the finding, is attached. Mitigation measures, if any, included in the project to avoid potentially significant effects are:  
See attached Initial Study

A period of ten (10) days from the date of final adoption of this NEGATIVE DECLARATION by the Lead Agency will be provided for appeal to the City Council of the final adoption of this NEGATIVE DECLARATION. Copies of the environmental documents and project specifications are on file in the offices of the Environmental Services Department, 30940 Hawthorne Boulevard, Rancho Palos Verdes, California.

Date: May 22, 1990

By: \_\_\_\_\_  
Robert Benard, Director of  
Environmental Services  
Secretary to the Commission

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# RANCHO PALOS VERDES

## NOTICE OF DETERMINATION

**TO:** Office of Planning and Research  
1400 Tenth Street, Room 121  
Sacramento, CA 95814

**TO:** County Clerk  
County of Los Angeles  
County Court House  
111 North Hill Street  
Los Angeles, CA 90012

**FROM:** City of Rancho Palos Verdes  
30940 Hawthorne Boulevard  
Rancho Palos Verdes, CA 90274

**SUBJECT:** Filing of Notice of Determination in compliance with Section 21109 or 21152 of the Public Resources Code.

Coastal Permit No. 91, Grading Permit No. 1433 and Environmental Assessment No. 605

Project Title (Common name where possible)

N/A

State Clearinghouse Number (If submitted to State Clearinghouse)

Laurie B. Jester  
Contact Person

(213) 377-6006  
Telephone Number

3900 block of Palos Verdes Drive South, south of Palos Verdes Drive South, east of Inspiration Point, and west of Klondike Canyon, City of Rancho Palos Verdes, County of Los Angeles

Project Location (include County)

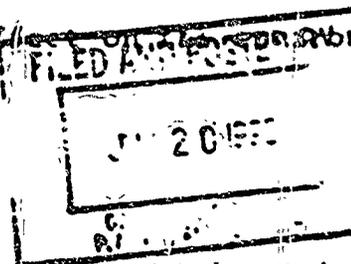
The extension of the gabions at the Portuguese Bend landslide shoreline to temporarily protect and prevent landslide material from eroding into the ocean. The gabions are a series of wire baskets filled with rocks stacked on top of one another. They would extend approximately 1600 feet beginning at the east end of the existing gabions to the west side of Klondike Canyon.

Project Description

This is to advise that the City of Rancho Palos Verdes has approved the above described project and has made the following determinations regarding the above described project:

1. The project  will have a significant effect on the environment.  
 will not

**RECEIVED**  
JUN 22 1990



ENVIRONMENTAL SERVICES

30940 HAWTHORNE BOULEVARD / RANCHO PALOS VERDES CA 90274-5356

CALENDAR PAGE 354  
MINUTE PAGE 2777

Notice of Determination:  
June 7, 1990

Coastal Permit No. 91, 433, EA605

- A Negative Declaration was prepared for this project pursuant to the provisions of CEQA. A copy of the Negative Declaration may be examined at the Department of Environmental Services, City of Rancho Palos Verdes.
- An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA, and was reviewed and considered by the decision-making body prior to its decision on the project. The Environmental Impact Report is available to the public at \_\_\_\_\_.
3.  Mitigation measures  were \_\_\_\_\_ were not a condition of approval of the project.
4.  A Statement of Overriding Considerations \_\_\_\_\_ was \_\_\_\_\_ was not adopted for this project.
5.  Findings  were \_\_\_\_\_ were not made pursuant to the provisions of CEQA.

I hereby certify that the foregoing is true and correct.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Director of Environmental Services  
Title

\_\_\_\_\_  
June 7, 1990  
Date

This document is being filed in duplicate. Please acknowledge the filing date and return acknowledged copy in the enclosed, stamped, self-addressed envelope.

\_\_\_\_\_  
Date Received for Filing

CALENDAR PAGE 345  
MINUTE PAGE 278



# RANCHO PALOS VERDES

## NOTICE OF DETERMINATION

TO: Office of Planning and Research  
1400 Tenth Street, Room 121  
Sacramento, CA 95814

TO: County Clerk  
County of Los Angeles  
County Court House  
111 North Hill Street  
Los Angeles, CA 90012

FROM: City of Rancho Palos Verdes  
30940 Hawthorne Boulevard  
Rancho Palos Verdes, CA 90274

SUBJECT: Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

Coastal Permit No. 01, Grading Permit No. 1433 and Environmental  
Assessment No. 605  
Project Title (Common name where possible)

N/A  
State Clearinghouse Number (If submitted to State Clearinghouse)

Laurie B. Jester  
Contact Person

(213) 377-6008  
Telephone Number

4900 block of Palos Verdes Drive South, south of Palos Verdes Drive South,  
east of Inspiration Point, and west of Klondike Canyon, City of Rancho  
Palos Verdes, County of Los Angeles  
Project Location (include County)

The extension of the gabions at the Portuguese Bend landslide shoreline to temporarily protect and prevent landslide material from eroding into the ocean. The gabions are a series of wire baskets filled with rocks stacked on top of one another. They would extend approximately 1600 feet beginning at the east end of the existing gabions to the west side of Klondike Canyon.

### Project Description

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 will not

THIS NOTICE WAS POSTED  
JUN 22 1990 TO JUN 23 1990  
FROM DEPUTY COUNTY CLERK

RECEIVED  
JUN 2 1990

30940 HAWTHORNE BOULEVARD / RANCHO PALOS VERDES CA 90274-532

CALENDAR PAGE 316  
MINUTE PAGE 279

- 2.  A Negative Declaration was prepared for this project pursuant to the provisions of CEQA. A copy of the Negative Declaration may be examined at the Department of Environmental Services, City of Rancho Palos Verdes.  
  
 An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA, and was reviewed and considered by the decision-making body prior to its decision on the project. The Environmental Impact Report is available to the public at \_\_\_\_\_
- 3.  Mitigation measures  were \_\_\_\_\_ were not a condition of approval of the project.
- 4.  A Statement of Overriding Considerations \_\_\_\_\_ was \_\_\_\_\_ was not adopted for this project.
- 5.  Findings  were \_\_\_\_\_ were not made pursuant to the provisions of CEQA.

I hereby certify that the foregoing is true and correct.

\_\_\_\_\_  
Signature  
  
\_\_\_\_\_  
Director of Environmental Services  
Title  
  
\_\_\_\_\_  
June 7, 1990  
Date

This document is being filed in duplicate. Please acknowledge the filing date and return acknowledged copy in the enclosed, stamped, self-addressed envelope.

\_\_\_\_\_  
Date Received for Filing

CALENDAR PAGE 337  
MINUTE PAGE 2/80