

CALENDAR ITEM

C 05

A 7

S 1

05/05/92 PRC 2289 Gordon

APPROVE A RECREATIONAL PIER PERMIT

### APPLICANT:

Susan F. Wells Hill, who acquired title as Susan F. Wells Twelve Marlborough Court Piedmont, California 94611

# AREA, TYPE LAND AND LOCATION:

Two parcels of submerged land located in Carnelian Bay, Lake Tahoe near Cedar Flat, Placer County.

### LAND USE:

Reconstruction and maintenance of one existing pier and one existing pier/breakwater utilized for boat-mooring purposes.

# TERMS OF PRCPOSED PERMIT:

Initial period:

Five (5) years beginning October 30, 1990

# CONSIDERATION:

Nonmonetary, pursuant to Section 6503.5 of the P.R.C.

# BASIS FOR CONSIDERATION:

Pursuant to 2 Cal. Code Regs. 2003

# APPLICANT STATUS:

Applicant is owner of the upland.

# PREREQUISITE CONDITIONS, FEES AND EXPENSES:

Filing fee, processing costs, Environmental fees, Mitigation monitoring fee, Construction performance bond, and the Department of Fish and Game fee have all been received.

CALENDAR PAGE 60
MINUTE PAGE 1073

# CALENDAR ITEM NO.C 0 5 (CONT'D)

### STATUTORY AND OTHER REFERENCES:

- A. P.R.C.: Div. 6, Parts 1 and 2: Div. 13.
- B. Cal Code Regs.: Title 2, Div. 3: Title 14, Div. 6.

#### AB 884:

08/03/92

### OTHER PERTINENT INFORMATION:

1. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (14 Cal. Code Regs. 15025), the staff has prepared a Proposed Negative Declaration identified as EIR ND 581, State Clearinghouse No. 92032044. Such Proposed Negative Declaration was prepared and circulated for public review pursuant to the provisions of CEQA.

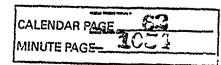
Based upon the Initial Study, the Proposed Negative Declaration, and the comments received in response thereto, there is no substantial evidence that the project will have a significant effect on the environment. [14 Cal. Code Regs. 15074(b)].

- 2. A report has been prepared which discusses the soils and vegetation existing on the Applicant's property between elevations 6,232 feet and 6,223 feet LTD. The report concludes that the project site does not contain, and is not suitable, habitat for Rorippa subumbellata Roll. Staff of the State Lands Commission has reviewed the document and agrees with the conclusions. On the basis of its review of the proposed project, the Department of Fish and Game has issued an informal opinion of "no jecpardy" to the plant species.
- 3. Commission staff will monitor the construction of the proposed project in accordance with the Guidelines included within the Proposed Negative Declaration.
- 4. Applicant's previous Recreational Pier Permit expired October 29, 1990. This is an application to replace that permit with this permit and to repair the facilities.

calendar page E1 minute page 10-3

# CALENDAR ITEM NO.C 0 5 (CONT'D)

- 5. If any structure hereby authorized is found to be in nonconformance with the Tahoe Regional Planning Agency's Shorezone ordinance, and if any alterations, repairs, or removal required pursuant to said ordinance are not accomplished within the designated time period, then this permit is automatically terminated, effective upon notice by the State, and the site shall be cleared pursuant to the terms thereof. If the location, size, or number of any structure hereby authorized is to be altered, pursuant to order of the Tahoe Regional Planning Agency, Permittee shall request the consent of the State to make such alteration.
- 6. All permits issued at Lake Tahoe include special language in which the permittee agrees to protect and replace or restore, if required, the habitat of Rorippa subumbellata, commonly called the Tahoe Yellow Cress, a State-listed endangered plant species.
- 7. The Applicant has been notified that the public has a right to pass along the shoreline and the permittee must provide a reasonable means for public passage along the shorezone area occupied by the permitted structure.
- 8. In order to determine the potential trust uses in the area of the proposed project, the staff contacted representatives of the following agencies: Tahoe Regional Planning Agency, California Department of Fish and Game, County of Placer, and the Tahoe Conservancy. None of these agencies expressed a concern that the proposed project would have a significant effect on the trust uses in the area. The agencies did not identify any trust needs which were not being met by existing facilities in the area. Identified trust uses in this area would include swimming, boating, walking along the beach, and views of the lake.
- 9. Staff physically inspected the site for purposes of evaluating the impact of the activity on the Public Trust.



# CALENDAR ITEM NO.C 05 (CONT'D)

- 10. This activity involves lands identified as possessing significant environmental values pursuant to P.R.C. 6370, et seq. Based upon the staff's consultation with the persons nominating such lands and through the CEQA process, it is the staff's opinion that the project, as proposed, is consistent with its use classification.
- 11. The issuance of this permit supersedes any prior authorization by the State Lands Commission at this location.

# APPROVALS OBTAINED:

Tahoe Regional Planning Agency, United States Army Corps of Engineers, California Department of Fish and Game, Lahontan Regional Water Quality Control Board, and County of Placer.

# FURTHER APPROVALS REQUIRED:

None

#### EXHIBITS:

- A: Land Description
- B: Location Map
  C: Local Government Comment
  D: Negative Declaration
- E. Monitoring Program

# IT IS RECOMMENDED THAT THE COMMISSION:

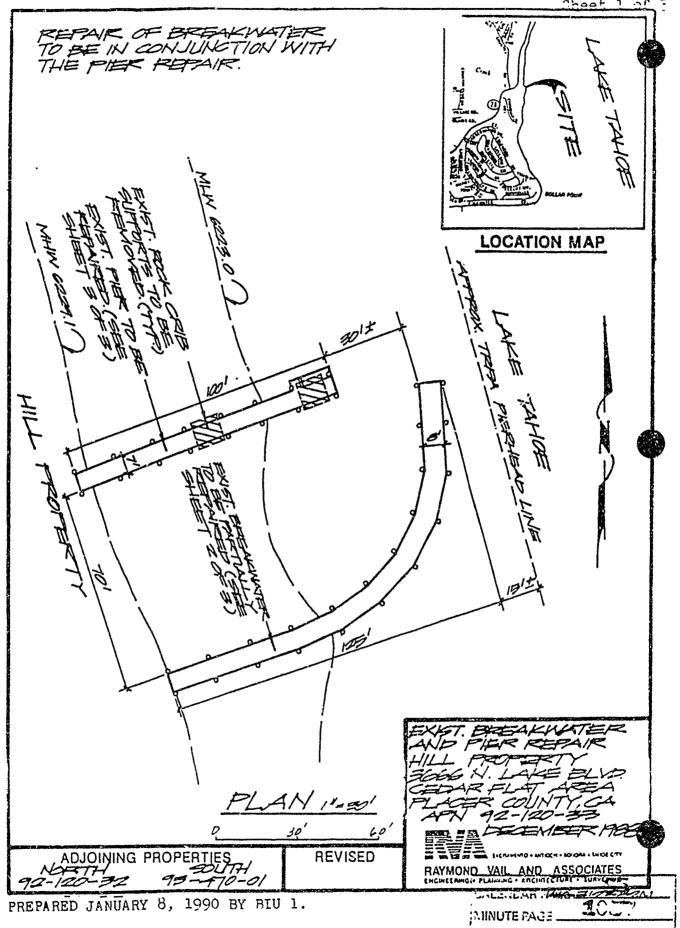
- CERTIFY THAT A NEGATIVE DECLARATION, EIR ND 581, STATE CLEARINGHOUSE NO. 92032044, WAS PREPARED FOR THIS PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.
- ADOPT THE NEGATIVE DECLARATION AND DETERMINE THAT THE PROJECT, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
- 3. ADOPT THE MONITORING PROGRAM ATTACHED AS EXHIBIT "E".

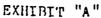
CALENDAR PAGE. MINUTE PAGE

# CALENDAR ITEM NO.C 0 5 (CONT'D)

- 4. AUTHORIZE ISSUANCE TO SUSAN F. WELLS HILL, WHO ACQUIRED TITLE AS SUSAN F. WELLS, OF A FIVE-YEAR RECREATIONAL PIER PERMIT, BEGINNING OCTOBER 30, 1990, FOR THE RECONSTRUCTION AND MAINTENANCE OF ONE EXISTING PIER AND ONE EXISTING PIER/BREAKWATER UTILIZED FOR BOAT-MOORING PURPOSES ON THE LAND DELINEATED ON EXHIBIT "A" ATTACHED, AND BY REFERENCE MADE A PART HEREOF.
- 5. FIND THAT THE ISSUANCE OF THIS PERMIT SUPERSEDES ANY PRIOR AUTHORIZATION BY THE STATE LANDS COMMISSION AT THIS SITE.

CALENDAR PAGE ST MINUTE PAGE 1000





LAND DESCRIPTION PRC 2289.9 Sheet 2 of 3 1001 NEW FILES ZAN 11=201 NECK EL. 1831.5 MUN GROTI MLW 6223.0 MUM COBOLES/BOLLDERS PROFILE 14=201 21X61 STONE STOKE TXD HOOD DIST G 2418.C. 6' 51251 'H' 45 AM 10.75' 0 57551 TLESO 15' AC. PIERLEAD SECTION WALKWAY SECTION EXIST. PIER REPAIR HILL PROPERTY BOOK N. LAKE BLVD. CEDAR FLAT AREA REPAIR OF THIS PIER TO BE CONJUNCTION WITH THE BREAK-WATER REPAIR. ACER COUNTY, CA N:92-120-33 BEDECEMBER 1988 ADJOINING PROPERTIES REVISED

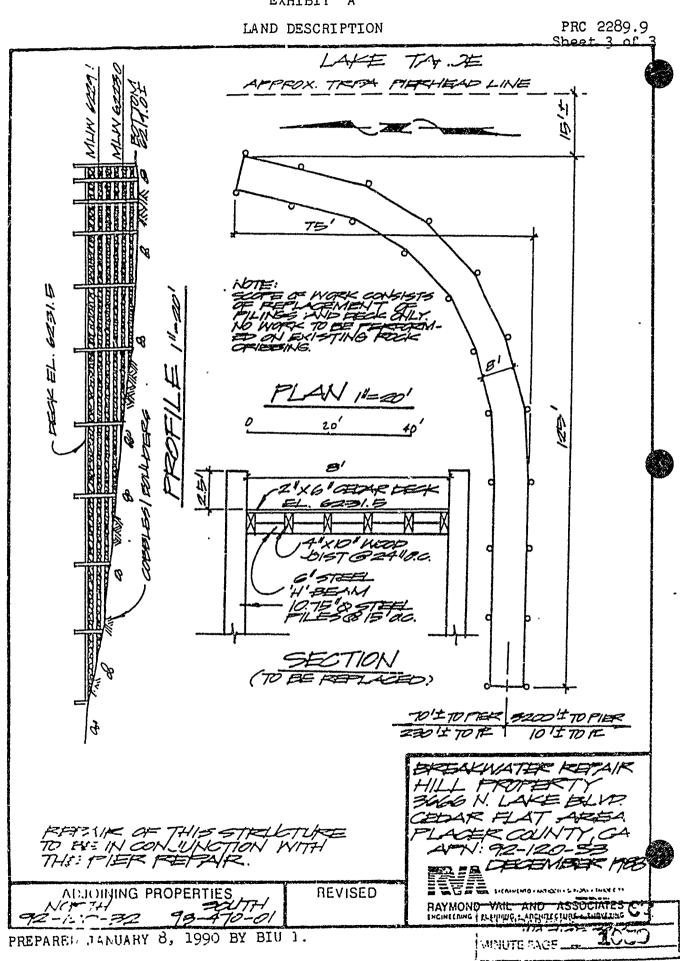
PREPARED JANUARY 8, 1990 BY BIU 1.

93-470-01

in lute Paule

RAYMOND VAIL AND ASSOCIATES ENGINEERING . PLAINING . ANCHITECTURE . SUMME WAS

EXHIBIT "A"



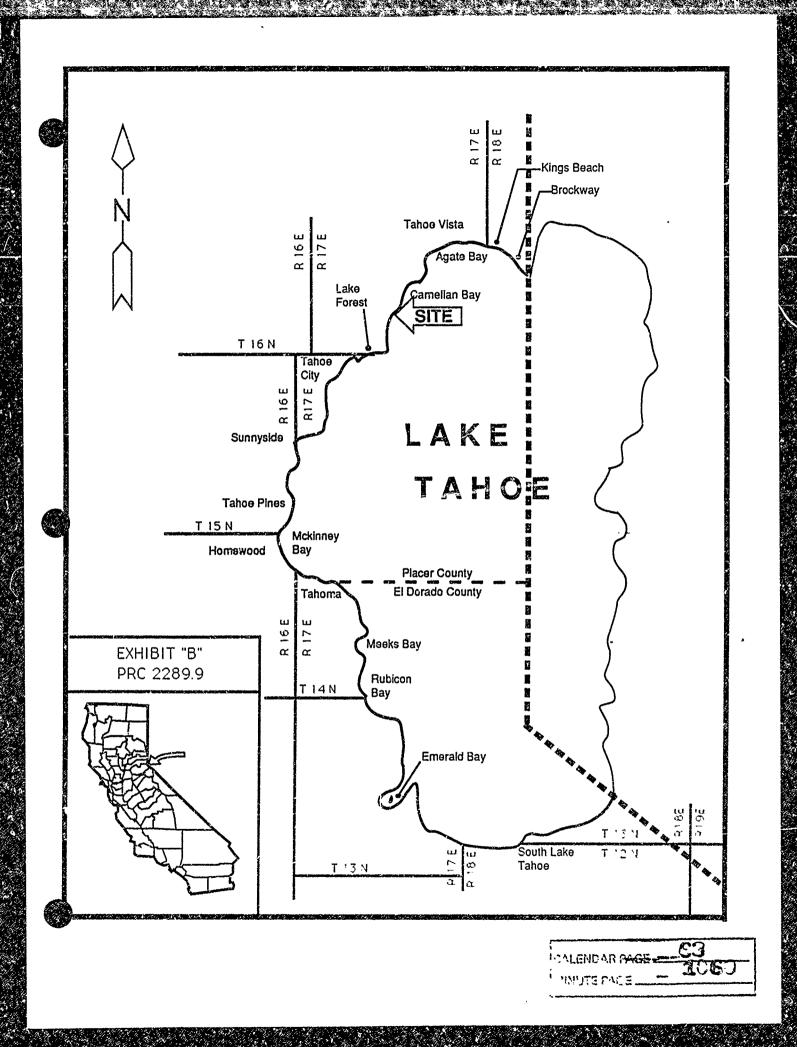


EXHIBIT :1C.



PLACER COUNTY DEPT. OF PUBLIC WORKS

Date January 5, 1990
File Ref: PRC 2289

Ms. Judy Ludlow California State Lands Commission 1807 13th Street Sacramento, California 95814

Subject: Building Permit for Pier

Name: Susan Wells Hill

Address 12 Marborough Court

Piedmont, CA 94611

Placer County Assessor's Parcel No. 92-120-33

Unland Address: 3650 North Take Boulevard

Dear Ms. Ludlow:

The County of Placer has received notice of the above-referenced project in Lake Tahoe and has no objection to the pier repair/construction or to the issuance of the State Lands Commission's permit.

If you have any questions, you may reach me at (916) 889-7584

Sincerely,

Chis Court for ERICK ERICKSON

Associate Civil Engineer

CALENDAR PAGE ACG.

# STATE LANDS COMMISSION

LEO T. McCARTHY, Lieutenant Governor GRAY DAVIS. Controller THOMAS W. HAYES, Director of Finance EXECUTIVE OFFICE 1807 - 13th Street Sacramento, CA 95814 CHARLES WARREN Executive Officer

March 12, 1992 File Ref.: WP 2289 EIR ND: 581

# NOTICE OF PUBLIC REVIEW OF A NEGATIVE DECLARATION (SECTION 15073 CFR)

A Negative Declaration has been prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA guidelines (Section 15000 et seq., Title 14, California Code Regulations), and the State Lands Commission Regulations (Section 2901 et seq., Title 2, California Code Regulations) for a project currently being processed by the staff of the State Lands Commission.

The document is attached for your review. Comments should be addressed to the State Lands Commission office shown above, with attention to the undersigned. All comments must be received by April 12, 1992.

Should you have any questions or need additional information, please call the undersigned at (916) 324-4715.

JUDY BROWN

Division of Environmental Planning and Management

Attachment

CALENDAR PAGE \_\_\_ 1063

# STATE LANDS COMMISSION

LEO T. McCARTHY, Lieutenant Governor GRAY DAVIS, Controller THOMAS W. HAYES, Director of Finance EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, CA 95
CHARLES WARREN
Executive Officer

# PROPOSED NEGATIVE DECLARATION

**EIR ND: 581** 

File Ref.: PRC 2289

SCH. NO.: 92032044

Project Title:

Susan Hill Piers Repair

Project Proponent:

Susan Wells Hill

Project Location:

Lake Tahoe, Cedar Flat, APN: 92-120-33, Lake Tahoe, Placer

County; 3650 North Lake Boulevard.

Project Description:

This project involves the repair of two recreational piers. The first part of the project involves an open piling pier with two small rock cribs. A catwalk will be added to the northerly waterward end of this pier. Two small rock cribbing areas on the open piling pier would be removed and the rock redistributed to conform to natural contours of the existing lake bottom. The second part of the project involves an existing pier/breakwater of rock cribbing design. Selected pilings of each pier would be covered with steel sleeves. The wooden deck, joists and decking would be replaced on each. The rock cribbing on the rock crib pier/breakwater would not be disturbed.

Contact Person:

Judy Brown Telephone: (916) 324-4715

This document is prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA Guidelines (Section 15000 et seq., Title 14, California Code Regulations), and the State Lands Commission regulations (Section 2901 et seq., Title 2, California Code Regulations).

Based upon the attached Initial Study, it has been found that:

/\_/ that project will not have a significant effect on the environment.

/X / mitigation measures included in the project will avoid potentially significant effects.

CALENDAR PAGE 1083

orm 13.20 (7/82)

# ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST - PART II

		·
,	ВА	CKGROUND INFORMATION
	A	Applicant: Susan fill
	•	C/O Hoffman, Lien, Faccinto & Lieberman
		300 North Lake Blvd.
		Tahoe City, CA 96145
	В.	Checklist Date: 02 / 03 / 92
	c.	Contact Person: Judy Brown
		Telephone: ( 916 ) 324-4715
	D.	Purpose: Repair an existing rock crib oler and open piling pier
	Ε	Location: Cedar Flat, APN 92-120-33, Lake Tahoe, Placer County
		3650 North Lake Blvd.
	F	Description: Rock Crib Pier: replace existing piles, deck beams, deck joints
		and decking. Open Piling Pier: removal of existing wooden pilings and
	_	replacement with steel piles; replace wooden joints and decking;
ŀ	G	Persons Contacted: construct a catwalk on the open pile pier, remove two 7'X 10'existing rock cribs and redistribute rocks to conform to natural
		contours of the existing lake bottom.
		Kevin Roukev U. S. Army Corps of Engineers
		Colleen Shade
		Tahoe Regional Planning Agency
		Tulia Danardain (Dana Garulah
		Julie Horenstein/Dave Zezulak . Department of Fish and Game
		Region II
1.	EN	VIRONMENTAL IMPACTS. (Explain all "yes" and "maybe" answers)
	A.	Earth. Will the proposal result in:
		1 Unstable earth conditions or changes in geologic substructures?
		2 Disruptions, displacements, compaction, or overcovering of the soil?
		3 Change in topography or ground surface relief features?
1		4 The destruction, covering, or modification of any unique geologic or physical features?
		5 Any increase in wind or water erosion of soils, either on or off the site?
		6 Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which make modify the channel of a river or stream or the bed of the ocean or any bay, inlet, or lake
		<sup>7</sup> Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?

File Ref .: PRC 2289

	MINUT	re page.		<u>10</u>	30	
		IDAR PA		,	E	
	1. Increase in the rate of use of any natural resources? 2. Substantial depletion of any nonrenewable resources?				<u>X</u>	
ı	Natural Resources. Will the proposal result in:		П		[x]	
	1 A substantial alteration of the present or planned land use of an area?	• • • • •	<u></u> l	ئيا	IA.	#\$7b.
H	Land Use. Will the proposal result in:			П	[x]	
	1 The production of new light or glare?		L	L.J	لیا	
G.	Light and Glure. Will the proposal result in:			<del>ر</del> ا	()	
	2. Exposure of people to severe noise levels?			نــا	لدا	
	1 Increase in existing noise levels?				וצו	
F	Anne. Will the proposal result in:		۲	.ـــ	۲ r	
	4. Deterioration to existing fish or wildlife habitat?			LJ	لحا	
	3. Introduction of new species of animals into an area, or result in a barrier to the migration or move unimals?	• • • • • •			8.]	
	2 Reduction of the numbers of any unique, rare or endangered species of animals?		ئدا	<b></b> .	نت	
	1. Change in the diversity of species, or numbers of any species of animals (birds, land-animals i reptiles, fish and shellfish, benthic organisms, or insects)?					
Ε.	Inimal Life. Will the proposal result in:	م ماليمالم م				
	4. Reduction in acreage of any agricultural crop?	• • • • •	Ш	L	X.	
	3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of species?				<u>x.i</u>	
	2. Recluction of the numbers of any unique, rare or endangered species of plants?		L	L.J	LY.1	<b>I</b>
	and aquatic plants)?	• • • • •		[]	<u>k</u> .;	
D.	Plant Life. Will the proposal result in:  1. Change in the diversity of species, or number of any species of plants (including trees, shrubs, gras	s, crops.		<b></b> .	c>	
	•	,		- •		
	<ol> <li>Exposure of people or property to water-related hazards such as moduling or tidal waves:</li> <li>Significant changes in the temperature, flow or chemical content of surface thermal springs?</li> </ol>				ķ:	
	8. Substantial reduction in the amount of water otherwise available for public water supplies? 9. Exposure of people or property to water-related hazards such as flooding or tidal waves?				x:	
	7. Change in the quantity of ground waters, either through direct additions or withdrawals, or throughout of an aquifer by cuts or excavations?			[ ]	X X	
	6. Alteration of the direct on or rate of flow of ground waters?		لسا			
	5. Discharge into surface waters, or in any alteration of surface water quality, including but not lir temperature, dissolved cxygen or turbidity?	• • • • •				
	4. Change in the amount of surface water in any water body?		لـا	Ш	نـکا	
	3. Alterations to the course or flow of flood waters?				<u></u>	
	2. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?					
	1 Changes in the currents, or the course or direction of water movements, in either marine or fresh wa			[	lx i	
C.	Isater. Will the proposal result in:		, –	<i>(</i> 1)	; ) '	
	3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or region	nally?.	L.J	L.,	. لِـٰxا	•
	2. The creation of objectionable odors?				[x]	
	1 Substantial air emmissions or deterioration of ambient air quality?					`\ 
3.	.Air. Will the proposal result in:	•	Yes M	laybe	No,	í

إ

J	Risk of Upset. Does the proposal result in:	Yes Maybe	e čio
	1 A risk of an explosion or the release of hazardous substances (including, but not limited to, oil, pesticides, chemicals, or radiation) in the event of an accident or upset conditions?		X
	2 Possible interference with emergency response plan or an emergency evacuation plan?		X
K.	Population. Will the proposal result in:		
	1. The alteration, distribution, density, or growth rate of the human population of the area?		X
L.	Housing. Will the proposal result in:		
	1. Affecting existing housing, or create a demand for additional housing?		$\mathbb{K}$
M.	Transportation/Circulation. Will the proposal result in:		
	1. Generation of substantial additional vehicular movement?		K
	2. Affecting existing parking facilities, or create a demand for new parking?		X
	3. Substantial impact upon existing transportation systems?		X
	4. Alterations to present patterns of circulation or movement of people and/or goods?		k
	5. Alterations to waterborne, rail, or air traffic?		X.
	6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians?		$\mathbf{k}$
N	Public Services. Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:		
	1. Fire protection?		
	2. Police protection?		x
	3. Schools?		x
	4 Parks and other recreational facilities?		X
	5. Maintenance of public facilities, including roads?		X
	6. Other governmental services?		X
Ο.	Energy. Will the proposal result in:		•
	1. Use of substantial amounts of fuel or energy?		X
	2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?		X
Ρ,	Unlines. Will the proposal result in a need for new systems, or substantial alterations to the following utilities.		
	1. Power or natural gas?		X
	2. Communication systems?		X
	3. Water?		X
	4. Sewer or septic tanks?		X
	5. Storm water drainage?		X
	6. Solid waste and disposal?		X
Q.	Human Health. Will the proposal result in:		
	1 Creation of any health hazard or potential health hazard (excluding mental health)?		$\overline{\mathbb{X}}$
	2. Exposure of people to potential health hazards?		X
R	Aesthetics, Will the proposal result in		
	The obstruction of any scenic dista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view?		X)
5.	Recreation Will the proposal result in.		
	1. An impact upon the quality or quantity of existing recreational opportunities?		X
	formute page :	<u> 103</u>	ز`

	T.	Cultural Resources.	Yes Maybe No	
		1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?.		
		2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?		
		3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?		
		4 Will the proposal restrict existing religious or sacred uses within the potential impact area?		
	U.	Mandatory Findings of Significance.	•	
		1. Does the project have the potential to degrade the quality of the environment, 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?		
		2. Does the project have the potential to achieve short term, to the disadvantage of long-term, environmental	لسا لت لت	
		goals?		
		3. Does the project have impacts which are individually limited, but cumulatively considerable?		
		4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?		
iii	. DIS	CUSSION OF ENVIRONMENTAL EVALUATION (See Comments Attached)		
•				
•				
			_	
			1	
		•	•	
			•	
		•		
		•		
IV.	PRE	LIMINARY DETERMINATION	•	
	On t	he basis of this initial evaluation:		
· )	4	I find the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECL 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 the mitigation measures described on an attached sheet have been added to the project. A NEGATIVE DECLARATION will be prepared			
		I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMP is requied.	ACT REPORT	
	Date		75	
		For the State Lands Commission	1057	

Form 13.20 (7/82)

# Project Description

This proposal includes the repair and restoration of an existing recreational pier with two small rock cribs and an existing rock crib pier/breakwater located waterward of 3650 North Lake Boulevard, Cedar Flat, Placer County, APN: 92-120-33. The proposed rock crib pier repair involves the reinforcement of the existing wooden piles with steel sleeves, and replacement of the existing wooden deck beams, deck joists and decking. No displacement of rock would be involved.

The proposed repair to the open piling pier would involve the reinforcement of the existing wooden pilings with steel sleeves, replacement of wooden joists and decking. A catwalk is proposed to be constructed on the northern side of the lakeward pier terminus. Two existing rock cribs approximately 10' square and 7' deep would be dismantled and the rocks redistributed between elevations 6219 and 6204 to conform to natural contours of the lake bottom.

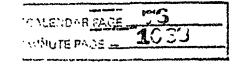
The steel sleeves would be accomplished by a barge containing a crane/pile driver. Access to the site for pile restoration would be from the lake side of the project. The joist and deck repair would be accomplished through access from the upland to the pier.

# Environmental Setting

The project is located approximately 5 miles northeast of Tahoe City and 3-1/2 miles northeast of the Truckee River outflow from Lake Tahoe. An environmental assessment dated July, 1991 was prepared for the project site by Stanford L. Loeb, Ph.D. for potential impact on the Tahoe Yellow Cress. Dr. Loeb conducted two site visits in June, 1991 which resulted the following information.

The soils of the project area have been described as recent lake bed sediments adjacent to pyroclastic (volcanic) rocks (Evans and Matthews 1968). The project site lies within the Dollar Creek drainage area and is approximately 500 feet north of the inflow of Dollar Creek to Lake Tahoe. Dollar Creek is not always perennial, especially during years of below average precipitation. No major stream inflows are close to the site. Ward Creek is nearly 6 miles to the southwest.

The bank of the lake (6,229.1 foot elevation contour) has numerous large boulders, especially to the north of the open-piling pier, and gravels, large cobbles and small boulders south of the open-piling pier to the rock crib pier. South of the rock crib pier on the adjacent property, large boulders cover most of the shoreline from the bank lakeward to the 6,222.7 foot elevation contour. From the bank (6,229.1 foot elevation contour) landward the backshore slopes steeply (ca. 33%). A dirt path ascends the backshore hill forming a switchback amid the dense vegetation up to the residence (ca. 100 linear feet distance landward of the bank) From the bank to the 6,222.7 foot elevation contour the slope is less (ca. 10%).



The backshore area is heavily vegetated with native trees and shrubs. Immediately landward of the 6,229.1 foot elevation contour, the area is vegetated with Willow, Current, Aspen, Thimbleberry, Western Service Berry, Incense Cedar, White Fir, Jeffrey Pine, and Mountain Alder. Further landward of the bark the vegetation also includes Mariposa Manzanita, Bitterbrush, Snow Brush and Red Dogwood.

Lakeward of the 6229.1 foot elevation contour, the mean high water level of Lake Tahoe, to the 6,222.7 foot elevation control is exposed due to the low amount of precipitation received in the Tahoe Basin over the past five years creating approximately 65 linear feet of beach.

Many plants have colonized the shoreline over the past five years as a result of the persistent low lake water level. Near the 6,229 foot elevation contour numerous seedlings of Jeffrey Pine are present. Between the 6,229.1 and 6,226 foot elevation contours, fairly large plants, some three feet tall, have been established. These plants include Willow, Mountain Alder, Ceanothus, Red Dogwood, Sierra Thistle, Mule Ears, Paintbrush, Current, Thimbleberry, Common Mullein and Yellow Cinquefoil. Nearer the water's edge, the dominant plant changes to Western Dock. Also common in this region are Common Mullein, Yellow Cinquefoil and grasses. Within the wet/ponded area (ca. 6,222.7 - 6,223 feet elevation), grasses were virtually the only vegetation present. An epipsammic algae (nonfilamentous) was growing on the saturated sands at the water's edge near the rock crib pier.

The soils and vegetation analysis concluded that the project site did not contain Rorippa subumbellata, Roll. or its habitat. Commission staff have submitted the soils and vegetation report to the California Department of Fish and Game staff. They have provided a written informal determination of "no jeopardy" to Rorippa due to the fact that the project site does not contain the endangered plant nor its habitat.

CALENCAR PAGE 10000

# III. DISCUSSION OF ENVIRONMENTAL EVALUATION SUSAN HILL PIERS REPAIR

#### A. Earth

# 1. Stability, Geologic Substructures

This project involves replacing the existing piles, deck beams, deck joists and decking of an existing rock crib pier. In addition, two small rock cribbing areas will be removed and the existing piles and decking will be replaced on an open piling pier. The rocks from the cribbing will be redistributed between elevations 6219 and 6204 to conform to natural contours of the lake bottom. The project as proposed will not unnaturally alter or cover any ground features or create unstable conditions.

# 2. Compaction, Overcovering of the Soil

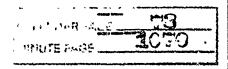
This project proposes the removal of two 10'square rock cribs which are approximately 7' deep and replacement with open, steel pilings. The total volume of rock to be removed is approximately 93 cubic yards, which will be redistributed within the shore area as described in A.1., above. The repair of each of the two piers will not create any additional soil coverage requiring additional compaction or overcovering of the soil. 16 pilings will be reinforced on the open piling pier and 22 pilings will be reinforced on the existing rock crib pier/breakwater.

### 3. Topography

The rocks from the two 10'square cribbing areas of the open pile pier will be removed and redistributed on the lake bed as described in A.1., above. No new grading or filling of the ground surface is involved beyond the rock redistribution.

## 4. Geologic Features

The lake bed surface at the project site is sand, silt and cobble substrate. The proposed project will not affect any unique lake bottom features.



# 5. Wind, Water Erosion of Soils

The steel sleeves capping the existing pier pilings will be placed directly in the lake bed substrate. The rocks from the cribbing areas will be redistributed between elevation 6219 - 6204 LTD. This action will not cause any erosion or significant disturbance to lake bottom profiles.

# 6. Erosion, Deposition

Littoral transport is presently unnaturally affected at the project site by the existing rock cribbing located on the open piling pier and also affected by the existing rock crib pier/breakwater. Removal of the two small crib areas from the open piling pier would not significantly change the sediment transport occurring in this area. The rock crib pier/breakwater is an allowable nonconforming use under the Tahoe Regional Planning Agency Code of Ordinances.

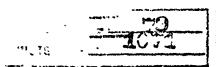
# 7. Geologic Hazards

No known geologic hazards exist within the project area. This project involves repair to two existing piers. No impact from this project is anticipated.

#### B. Air

# 1. Emissions/Deterioration

This project would involve the use of a barge and crane/pile driver. The amphibious watercraft will access the site from the lake side of the project. Construction crew will arrive by vehicles for the rock crib removal and rock redistribution as well as for the deck replacement. Some emissions will result from the construction equipment and from the commuting workers. This impact will be minor and temporary, lasting during the repair activity anticipated to take up to several weeks.



# 2. Objectionable Odors

This project does not propose the use of any hazardous materials for the dismantling of the cribbing from the open piling pier nor for the replacement of piles and decking for the existing rock crib pier/breakwater. Some odor will be experienced from emissions of the waterborne vessel and equipment used to drive the piles. The pile driving activity is anticipated to take approximately ten working days. Use of the piers will create some odors as boats arrive and leave. The existing and proposed use of these piers is for the applicant only. No commercial activity is proposed at the project site. The impacts are considered to be insignificant.

3. Air Movement, Moisture, Temperature, Climate

This project does not propose the placement of any structure which would affect the air movement, moisture or temperature, or any change in climate, locally or regionally, as it is the repair of two existing piers.

#### C. Water

1. Currents, Water Movements

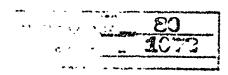
This project does not propose any new intake or to discharge any fluids or materials into the lake waters.

2. Absorption, Drainage, Runoff

This project does not propose the construction or placement of any new impervious structures. A catwalk will be added to the northerly lakeward end of the existing open piling pier. No significant impacts to drainage or runoff would result from this project.

3. Flood Waters

The two rock crib areas of the open piling pier presently create an artificial condition for water circulation along the shoreline of the Lake. This project would not significantly change the circulation of waters along the shoreline at this location.



#### 4. Surface Water

This project proposes the removal of two 10'square rock cribbing areas. The total volume of rock will be approximately 93 cubic yards. The r. 'k will be redistributed on the lake bottom between elevations 6219 and 6203. This activity would not significantly affect the lake's water surface.

# 5. Discharge, Dissolved Oxygen

This project would cause minimal turbidity to lake waters during the driving of steel sleeves over the existing wooden piling into the lake bed. Specific water quality measures to be implemented include:

- a) Use of caissons or vertical cylinders (sleeves) to prevent the release of resuspended sediments during pile placement activities;
- b) A boat and/or tarp and/or water skimmer will be placed under the construction area to prevent debris from entering the water;
- c) Waste raterials wil e collected onto a barge or dumpsters for dispo. A at an approved site.

# 6. Flow of Ground Waters

The steel sleeves which would cover the existing pier pilings would be driven into the lake bed a minimum of 6' or to the point of refusal. The depth of placement should not affect the existing flow of ground water entering Lake Tahoe.

# 7. Quantity of Ground Waters

This proposed project does not propose the extraction or use of existing ground water; therefore, there would be no impact on ground water quantity.

8. This project does not propose the extraction, use or contamination of water used for an existing public water supply.

CALSIID REASE ST

#### Water-Related Hazards

The proposed project involves the repair of two existing piers. It does not propose any new extension of the piers into the lake waters which would create a new water-related hazard. Both piers are located within the limits of the designated Tahoe Regional Planning Agency pierhead line.

# 10. Temperature, Flow or Chemical Content

There are no known thermal springs in the project vicinity; therefore no impact is anticipated.

### D. Plant Life

# 1. Diversity of Species

The removal of the two existing rock cribbing areas from the open piling pier and the reinforcement of the pier pilings with steel sleeves on the two piers may impact current aquatic plant populations. The rock cribbing and pilings may have served as substrate for a now established sessile plant population. Covering of the pilings will cause a minor population loss of aquatic plants at the site.

Placement of the new steel sleeves over the existing pier pilings could furnish new substrate for sessile aquatic plants. This impact would be minimal as this site is dominated by a cobble substrate and can furnish habitat for sessile aquatic plants.

# 2. Endangered Species

The project site does not contain suitable habitat for the State-listed, endangered plant Rorippa subumbellata, Roll., which is known to inhabit some shore areas of Lake Tahoe. A soils and vegetation report has been prepared for the subject property by a qualified botanist. Staff of the State Lands Commission and the Department of Fish and Game agree that the project site does not contain suitable habitat to support this species.

### 3. Introduction of Plants

The new steel sleeves covering the existing pier pilings will afford a hard substrate for sessile aquatic plants. The project site is located on a cobble substrate so introduction of the new pier pilings would not create a significant new impact on plant populations.

# 4. Reduction of Agricultural Crops

The piers are located within the body of Lake Tahoe. No agriculture or aquaculture are carried out in this area. There would be no impact.

#### E. Animal Life

# 1. Animal Species Diversity

The reinforcement of the existing pier pilings could affect access to the lake bottom by burrowing organisms. This would not be a new impact. Removal of the two small rock cribs and existing deteriorated pilings could impact fish and benthic organisms which were attracted to the pilings and rock cribbing for grazing and shelter. Construction activity is limited to the normal nonspawning season known to be July 1 - October 1, or as otherwise indicated by the California Department of Fish and Game through isguance of its Streambed Alteration Agreement.

# 2. Rare Species

The project is located in an area designated and mapped by the Tahoe Regional Planning Agency as a fish spawning habitat targeted for restoration. Construction activity is limited to the normal non-spawning season known to be July 1 - October 1. There are no known rare fish species within this location; therefore there would be no impact to rare fish species.

# 3. New Species

This project does not propose the introduction of any new animal species to Lake Tahoe.

# 4. Habitat Deterioration

This project would cause a temporary disturbance to fish habitat during the rock cribbing removal and driving of new steel sleeves over the existing piles. Construction would be limited to the non-spawning season as indicated in E.2, above. Continued use of the open piling pier should not have any detrimental impact upon existing fish habitat. Continued existence of the rock cribbing pier/breakwater would continue to affect littoral transport which may cause silting of existing fish habitat on the north side of the breakwater.



### F. Noise

#### 1. Noise Increases

The proposed project would cause periodic, moderate increases to existing noise levels during the driving of steel sleeves over the existing wooden pilings. Noise from pile driving activity may occur during work days for two to three weeks. Noise from work crew vehicles arriving and leaving the project site would occur at the beginning and ending of each work day during the reconstruction activities. These impacts would be considered temporary, and insignificant. No new noise would occur from the continued use of the two recreational piers.

### 2. Severe Noise

Noise from pile driving activity may expose persons within the vicinity to periodic episodes of extreme noise levels. These noise increases may last seconds or minutes in duration. Periodic, brief increases to the existing noise levels would occur adjacent to the recreational piers when motorized boat engines are used. These occurrences are not considered to be new or significant impacts.

# G. Light and Glare

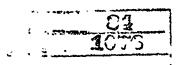
1. The proposed project would be constructed during daylight hours so light from construction would not occur. No new lighting is proposed as part of this project.

### H. Land Use

 This project does not propose new land uses at this location which would alter local use patterns. The two recreational piers have existed and are proposed to be repaired at the same location.

#### I. Natural Resources

1-2. The proposed reconstruction of two existing recreational piers would not propose to increase the rate of use of any natural resource, or loss of non-renewable resources. The piers would continue to be used for private recreational use. No new facilities are proposed which would have an impact on the use of natural resources.



# J. Risk of Upset

# 1. Explosion

Risk of explosion of fuel could occur during reconstruction of the piers; however, best construction management precautions as indicated by the TRPA permit conditions will be taken to minimize this possibility. Such precautions include: no discharge of petroleum products into the Lake and, no containers of fuel, paint or hazardous materials stored on the pier.

# 2. Emergency Response Plan

The two recreational piers have existed at this location since the 1960's. The proposed reconstruction of these piers does not include any new modifications to the length of the piers which would interfere with any existing emergency response plan for this area.

# K. Population

1. The proposed project would not affect the population density or growth patterns within the area. The piers have existed at this location since the 1960's. The piers will continue to be used for recreational purposes by the applicant. There would be no live-aboard vessels or increases in local population resulting from this project.

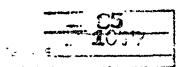
# L. Housing

1. The proposed project would not affect existing housing nor create a demand for additional housing. An existing single family dwelling exists on the upland parcel. The project would continue to be used for the applicant's recreational benefit.

# M. Transportation/Circulation

#### 1. Vehicular Movement

Some additional vehicular movement resulting from the construction workers arriving and leaving the project site would occur during the proposed repair activities. No new vehicular traffic would result from the continued use of the pier. The pier and breakwater exist for the continued recreational use of the applicant.



# 2. Parking

No new parking is proposed or would be required to conduct the proposed repair work. Parking is available at the applicant's upland residence.

# 3. Transportation Systems

The proposed repair activity of the existing pier and breakwater would not create significant impacts on the existing or future transportation systems. Construction workers would access the project site using existing highways and roadways.

#### 4. Circulation

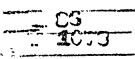
The existing pier and breakwater would be repaired at the same location as they have previously existed. No new impacts would occur to the circulation or movement of people and/or goods.

# 5. Traffic

The existing pier and breakwater would be repaired at the same location where they have existed for approximately 30 years. No new impacts resulting from the repair of the existing pier and breakwater would occur to waterborne traffic Ongoing impacts to boaters, trollers and water skiers would continue, as these activities would need to remain waterward of the pier and breakwater, which extend approximately 125' from the high water mark (elevation 6229, indicated on the attached Exhibit "A").

## 6. Hazards

The proposed repair activity would occur in the body of the lake, therefore no impacts to motor vehicles, bicyclists or pedestrians would occur. Construction vehicles required to accomplish the repair project would be few in number utilizing existing roadways, thereby creating minimal effect on the existing motor, bicycle, and pedestrian traffic.



### N. Public Services

1.-6.

The proposed repair activity to the existing pier and breakwater would occur at the project site where they have existed for the past 30 years or more. No new facilities or design features are proposed which would have an impact to the existing fire protection, police protection, schools, park and recreation facilities, public facilities or other governmental services.

## ). Energy

#### 1. Use

Minor amounts of fuel and electrical power would be required to conduct the repair activity to the existing pier and breakwater. These impacts would be temporary, lasting during repair activity only. Continued use of the existing pier and breakwater would not have any new impacts upon existing fuel or energy use.

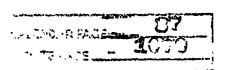
#### 2. Demand

As discussed in O.1., above, the repair activity would require use of minor amounts of fuel and electricity; however, they would be temporary. Continued use of the existing pier and breakwater would not create a new demand upon the existing sources of energy or require the development of new sources.

## P. Utilities

1.-6.

The proposed repair activity to the existing pier and breakwater would not result in the need for new or substantial alterations to power, communication systems, water, sewer, storm drainage, or solid waste disposal. An existing single-family dwelling is located on the upland portion of the parcel from which the pier and breakwater extend. Power, water, sewer, solid waste, and communication systems are available at the residence. No new impervious structures are proposed which would require a change to the existing storm drainage systems.



### C. Human Health

# 1.-2. Creation/Exposure to Health Hazard

The repair activity to the existing pier and breakwater would be accomplished using steel caps over the existing wooden pilings, and wood material to replace existing deteriorated wooden decking, joists and beams. These materials would not pose a health hazard or potential health hazard to humans.

# R. Aesthetics

The repair activity to the existing pier and breakwater would occur at the same site where the structures have existed for the past 30 years or more. No new impacts to scenic views would occur.

#### S. Recreation

No new impacts to the quality or quantity of recreational opportunities would occur resulting from the repair to the existing pier and breakwater, as the repair activity would be temporary.

### T. Cultural Resources

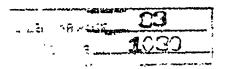
### 1.-4. Prehistoric/Archaeological Sites

The proposed pier repair activity would occur waterward of the lake shore. There are no known archaeologic or ethnic sites at this location. The pier and breakwater have existed at this location for approximately 30 years. No new impacts are anticipated to any type of cultural resource.

# U. Mandatory Findings of Significance

# 1. Degradation of the Environment

The existing pier and breakwater are located in an area designated on the TRPA fish habitat maps as fish spawning habitat targeted for restoration. The proposed repair activity would occur during the non-spawning season to minimize impacts to fish habitat. The repair activity, as proposed, would no create new significant impacts which would degrade the environmental quality of the existing project site.



#### 2. Environmental Goals

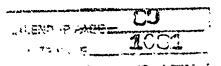
The impacts which would be caused by the pier and breakwater repair would be insignificant as a result of the incorporation of project modifications such as: accessing the site from the lake side for pile driving activity; placing tarps or small boats under the construction area to prevent debris from falling into the lake; using caissons or steel sleeves to prevent turbidity during the pile capping activity; and conducting the repair work during the non-fish spawning season, as designated by the California Department of Fish and Game. There would be no new impacts resulting from the continued use of the pier and breakwater. Their continued presence would not adversely affect current environmental goals.

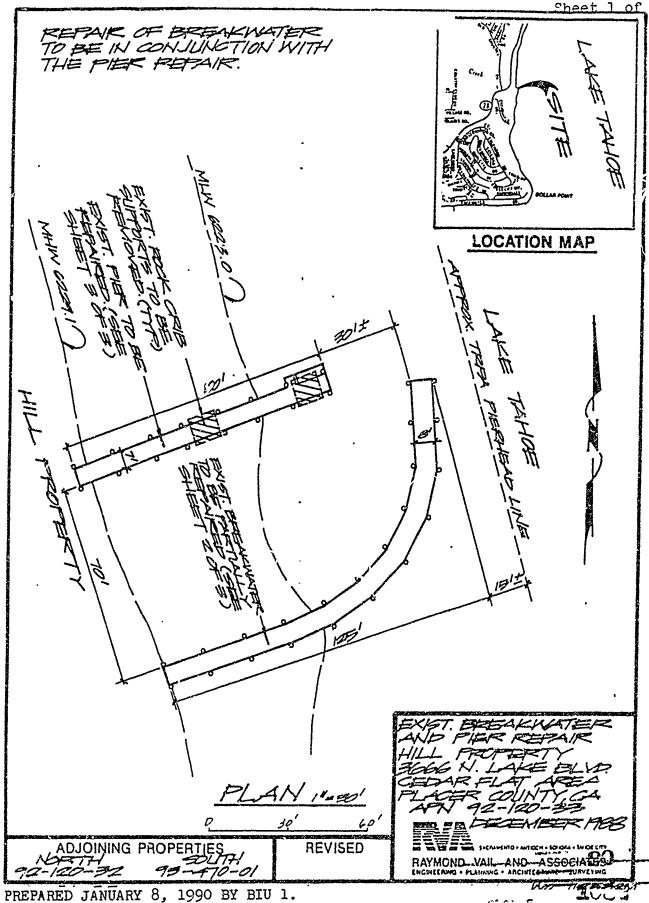
# 3. Cumulative Impacts

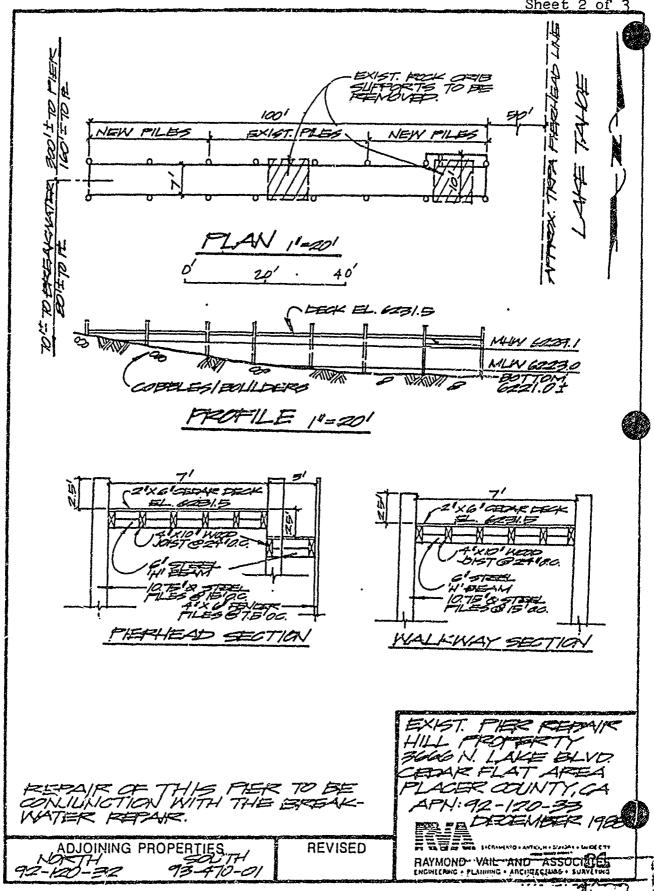
The proposed repair activi / to the existing pier and breakwater would not create any significant impacts. Please refer to response U.2., above.

# 4. Adverse Impacts

The proposed pier and breakwate activity would not produce any significant adverse effects to human beings or the environment as discussed in the environmental issue areas above. In addition, this project would be monitored by the staff of the Tahon Regional Planning Agency and the State Lands Commission to ensure project modifications are accomplished.







PREPARED JANUARY 8, 1990 BY BIU 1.

RAYMOND VAIL AND ASSOCIATES

PREPARED JANUARY 8, 1990 BY BIU 1.

92-120-32

# EXHIBIT "E" SUSAN WELLS HILL PIERS RECONSTRUCTION MONITORING PROGR M FOR PROPOSED NEGATIVE DECLARATION SCH 92032044

1. Impact: The proposed project would cause minimal turbidity to lake waters during the driving of steel sleeves over the existing wooden piling.

# Project Modifications:

- a) Use of caissons or vertical cylinders (sleeves) to prevent the relrease of resuspended sediments;
- b) Use of a boat and/or tarp and/or water skimmer to be placed under the construction area to prevent debris from entering the water;
- c) Collection of waste materials onto a barge or dumpsters for disposal at an approved site.

# Monitoring:

Staff of the State Lands Commission, or its designated representative will periodically inspect the project site during construction activity to ensure project modifications are implemented.

2. Impact: The proposed project is located in an area designated by the Tahoe Regional Planning Agency maps as "Prime Fish Spawning Habitat Targeted for Restoration".

# Project Modification:

Construction activity will occur during the nonspawning season known to be July 1 - October 1, or as otherwise indicated by the California Department of Fish and Game through issuance or revision of its Streambed Alteration Agreement.

## Monitoring:

The staff of the State Lands Commission, or its designated representative will be notified by the applicant in advance of the construction activity. Staff will ensure that the proposed activity will occur within the identified non-spawning season as indicated on the California Department of Fish and Game Streambed Alteration Agreement.

