

MINUTE ITEM

This Calendar Item No. C04  
was approved as Minute Item  
No. 04 by the State Lands  
Commission by a vote of 3  
to 0 at its 5/5/92  
meeting.

CALENDAR ITEM

A 7  
S 1

**C 0 4**

05/05/92  
PRC 3622  
J. Ludlow

RECREATIONAL PIER PERMIT

APPLICANTS:

John R. Paul, Jerry L. Paul, Trustees, and  
Mary Louise Paul  
2 Hidden Lane  
Orinda, California 94563

TERMS:

Initial period:  
Five (5) years beginning May 5, 1992.

Renewal options:  
None.

CONSIDERATION:

No monetary consideration pursuant to Section 6503.5 of the  
P.R.C.

APPLICANT STATUS:

Applicant is littoral landowner, as defined in  
Section 6503.5 of the P.R.C.

PREREQUISITE CONDITIONS, FEES AND EXPENSES:

Filing fees and processing costs have been received.

STATUTORY AND OTHER REFERENCES:

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

AB 884:

07/15/92

SEARCHED	33
INDEXED	1020

**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 Exhibit "C". The 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. 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 review process, it is the staff's opinion that the project, as presented, is consistent with its use classification.
3. The Applicant also has an existing and authorized pier at the site.
4. This permit is issued subject to the Applicant providing evidence to the State Lands Commission of authorization for the buoys by the Tahoe Regional Planning Agency by December 31, 1993.
5. The permit includes 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.
6. The applicant has been notified that the public has a right to pass along the shorezone and the permittee must provide a reasonable means for public passage along the shorezone occupied by the permitted structure.

CALENDAR ITEM NO. C 0 4 (CONT'D)

7. If any structure 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 the permit will be 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 alterations.
8. The issuance of this permit supersedes any prior authorization by the State Lands Commission at this location.

**APPROVALS OBTAINED:**

Placer County

**FURTHER APPROVALS REQUIRED:**

Tahoe Regional Planning Association

**EXHIBITS:**

- A. Site Map
- B. Location Map
- C. Negative Declaration

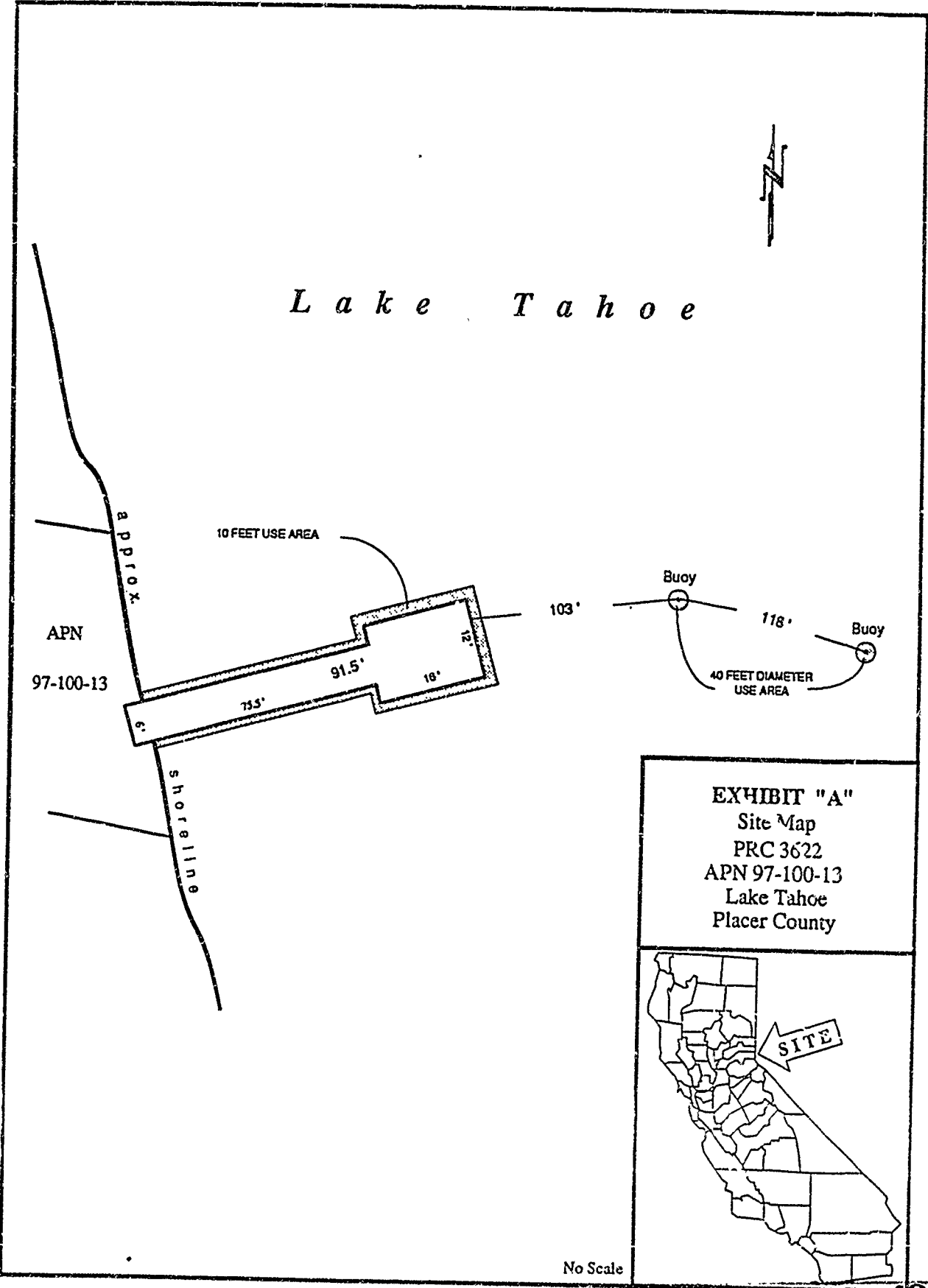
**IT IS RECOMMENDED THAT THE COMMISSION:**

1. CERTIFY THAT A NEGATIVE DECLARATION, EXHIBIT "C", WAS PREPARED FOR THIS PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.
2. DETERMINE THAT THE PROJECT, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
3. FIND THAT THE ISSUANCE OF THIS PERMIT SUPERSEDES ANY PRIOR AUTHORIZATION BY THE STATE LANDS COMMISSION AT THIS LOCATION.

CALENDAR ITEM NO. C 0 4 (CONT'D)

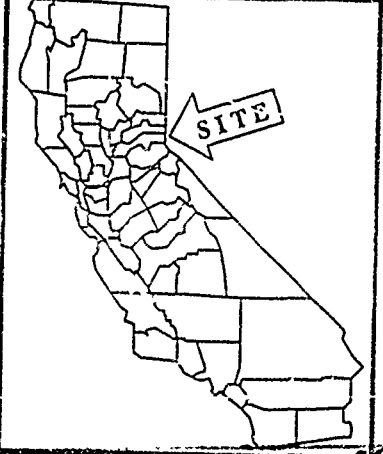
4. AUTHORIZE THE ISSUANCE OF A FIVE-YEAR RECREATIONAL PIER PERMIT TO JOHN R. PAUL, JERRY L. PAUL, TRUSTEES, AND MAYR LOUISE PAUL FOR THE RETENTION OF TWO EXISTING BUOYS AND THE CONTINUED USE AND MAINTENANCE OF THE EXISTING AUTHORIZED PIER ON THE LANDS DESCRIBED ON EXHIBIT "A" ATTACHED AND BY REFERENCE MADE A PART HEREOF.

# Lake Tahoe

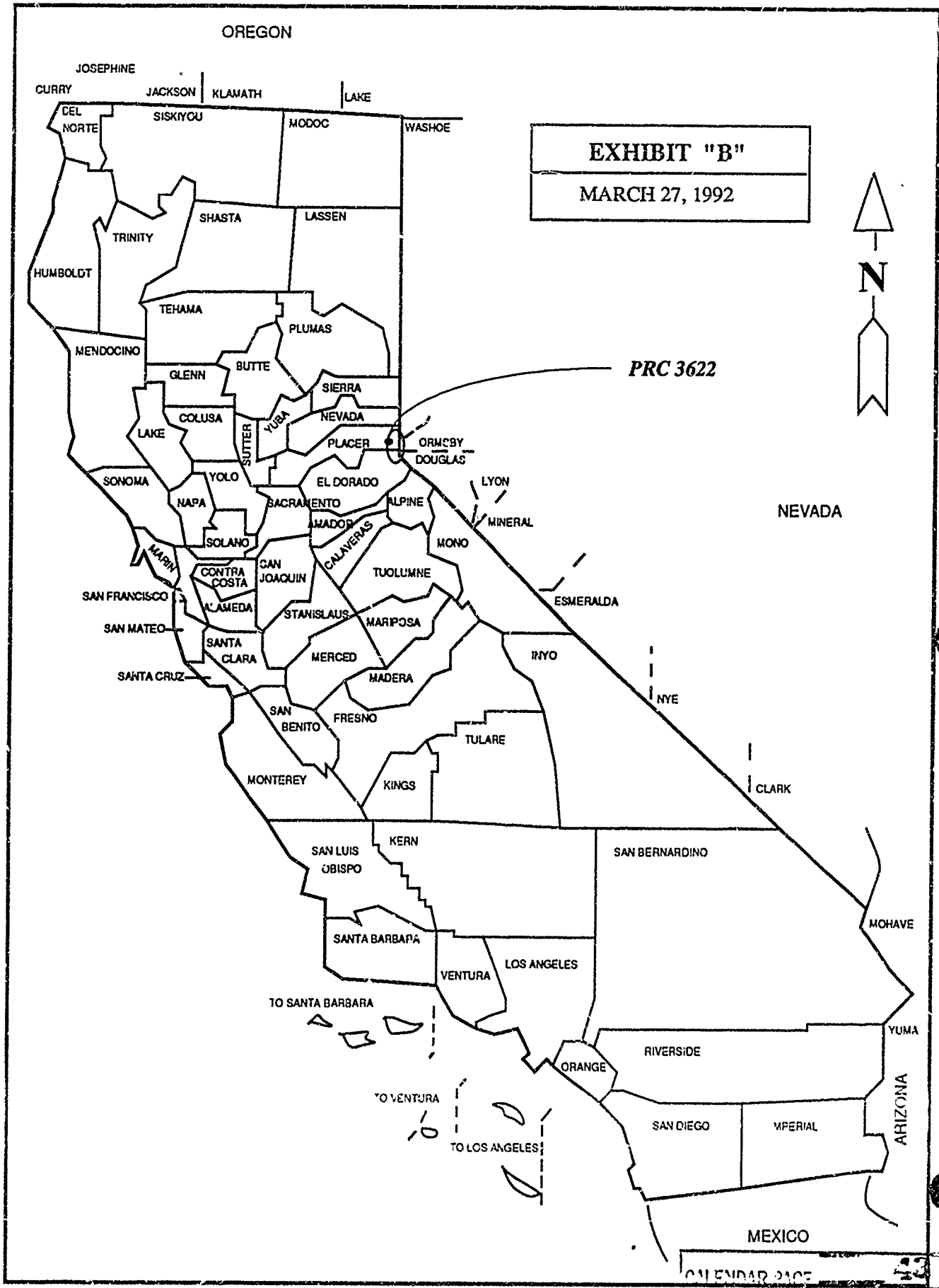


APN  
97-100-13

**EXHIBIT "A"**  
Site Map  
PRC 3622  
APN 97-100-13  
Lake Tahoe  
Placer County



No Scale



**EXHIBIT "B"**  
**MARCH 27, 1992**

*PRC 3622*



## STATE LANDS COMMISSION

LEO T. McCARTHY, *Lieutenant Governor*  
GRAY DAVIS, *Controller*  
THOMAS W. HAYES, *Director of Finance*

EXECUTIVE OFFICE  
1307 - 13th Street  
Sacramento, CA 95814

CHARLES WARREN  
Executive Officer

File: WP 3622  
ND 570  
SCH No. 91102002

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 November 1, 1991.

Should you have any questions or need additional information, please call the undersigned at (916) 323-7209.

 (LL)  
JACQUES GRABER  
Division of Environmental Planning  
and Management

Attachment

CALENDAR PAGE	44
DATE	10-25

## STATE LANDS COMMISSION

LEO T. MCCARTHY, *Lieutenant Governor*  
GRAY DAVIS, *Controller*  
THOMAS W. HAYES, *Director of Finance*

EXECUTIVE OFFICE  
1807 - 13th Street  
Sacramento, CA 95811

CHARLES WARREN  
Executive Officer

PROPOSED NEGATIVE DECLARATION

File: WP 3622  
ND 570  
SCH No. 91102002

Project Title: Paul-Doty -- Authorization of Two Existing Mooring Buoys  
Proponents: Mary Louise Paul-Doty  
Project Location: Lake Tahoe, 4910 West Lake Boulevard, APN 097-100-13,  
Placer County.  
Project Description: Authorization to retain two existing mooring buoys.  
Contact Person: Jacques Graber Telephone: 916/323-7209

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:

this project will not have a significant effect on the environment.

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

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MINUTE PAGE 1007



ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST - PART II

File Ref.: 3622.1

Form 13.20 (7/82)

I. BACKGROUND INFORMATION

A Applicant: Mary Louise Paul-Doty Hale-Tippen, Consultants
2 Hidden Lane P.O. Box 5399
Orinda, Ca. 94563 Tahoe City, Ca. 95730

B. Checklist Date: 08 / 27 / 91

C. Contact Person: Jacques A. Graber
Telephone: ( 916 ) 323 7209

D. Purpose: Authorize two existing mooring buoys

E Location: 4910 West Lake Blvd. APN. 97-100-13, Placer Co.

F Description: Authorization of two existing mooring buoys in Lake Tahoe.

G Persons Contacted:

II. ENVIRONMENTAL IMPACTS. (Explain all "yes" and "maybe" answers)

Table with 3 columns: Question, Yes, Maybe, No. Contains 7 rows of environmental impact questions with checkboxes.

		Yes	Maybe	No
<b>B. Air.</b> Will the proposal result in:				
1.	Substantial air emissions or deterioration of ambient air quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	The creation of objectionable odors?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>C. Water.</b> Will the proposal result in:				
1.	Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Alterations to the course or flow of flood waters?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Change in the amount of surface water in any water body?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.	Alteration of the direction or rate of flow of ground waters?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.	Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.	Substantial reduction in the amount of water otherwise available for public water supplies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9.	Exposure of people or property to water-related hazards such as flooding or tidal waves?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10.	Significant changes in the temperature, flow or chemical content of surface thermal springs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>D. Plant Life.</b> Will the proposal result in:				
1.	Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Reduction of the numbers of any unique, rare or endangered species of plants?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Reduction in acreage of any agricultural crop?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>E. Animal Life.</b> Will the proposal result in:				
1.	Change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, or insects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Reduction of the numbers of any unique, rare or endangered species of animals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Deterioration to existing fish or wildlife habitat?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>F. Noise.</b> Will the proposal result in:				
1.	Increase in existing noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Exposure of people to severe noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>G. Light and Glare.</b> Will the proposal result in:				
1.	The production of new light or glare?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>H. Land Use.</b> Will the proposal result in:				
1.	A substantial alteration of the present or planned land use of an area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>I. Natural Resources.</b> Will the proposal result in:				
1.	Increase in the rate of use of any natural resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Substantial depletion of any nonrenewable resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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 1000

- J. *Risk of Upset* Does the proposal result in
- |   | Yes                      | Maybe                    | No                                  |
|---|--------------------------|--------------------------|-------------------------------------|
| 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? . . . . . | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Possible interference with emergency response plan or an emergency evacuation plan? . . . . .  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- K. *Population* Will the proposal result in:
- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. The alteration, distribution, density, or growth rate of the human population of the area? . . . . . | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|
- L. *Housing*. Will the proposal result in:
- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Affecting existing housing, or create a demand for additional housing? . . . . . | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|
- M. *Transportation/Circulation*. Will the proposal result in:
- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Generation of substantial additional vehicular movement? . . . . .                           | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Affecting existing parking facilities, or create a demand for new parking? . . . . .         | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Substantial impact upon existing transportation systems? . . . . .                           | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Alterations to present patterns of circulation or movement of people and/or goods? . . . . . | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Alterations to waterborne, rail, or air traffic? . . . . .                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians? . . . . .         | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- 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? . . . . .                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Police protection? . . . . .                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Schools? . . . . .   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Parks and other recreational facilities? . . . . .           | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Maintenance of public facilities, including roads? . . . . . | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Other governmental services? . . . . .                       | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- O. *Energy*. Will the proposal result in:
- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Use of substantial amounts of fuel or energy? . . . . .  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Substantial increase in demand upon existing sources of energy, or require the development of new sources? . . . . . | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- P. *Utilities*. Will the proposal result in a need for new systems, or substantial alterations to the following utilities:
- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Power or natural gas? . . . . .     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Communication systems? . . . . .    | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Water? . . . . .                    | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Sewer or septic tanks? . . . . .    | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Storm water drainage? . . . . .     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Solid waste and disposal? . . . . . | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- Q. *Human Health*. Will the proposal result in:
- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Creation of any health hazard or potential health hazard (excluding mental health)? . . . . . | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Exposure of people to potential health hazards? . . . . .                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- R. *Aesthetics*. Will the proposal result in:
- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. The obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view? . . . . . | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|
- S. *Recreation*. Will the proposal result in:
- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. An impact upon the quality or quantity of existing recreational opportunities? . . . . . | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|

ENGINEERING 13 1010

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 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. DISCUSSION OF ENVIRONMENTAL EVALUATION (See Comments Attached)

(See Attached)

IV. PRELIMINARY DETERMINATION

On the basis of this initial evaluation:

- I find 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 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 IMPACT REPORT is required.

Date: 8/23/91

For the State Lands Commission

*[Signature]*  
 \_\_\_\_\_  
 19  
 10  
 Form 13-20 (7/82)

#### PROJECT DESCRIPTION

The project involves the proposed authorization of two existing private mooring buoys at the west shore of Lake Tahoe at the upland address of 4910 Westlake Blvd. Lake Tahoe.

A private recreational pier is constructed at the applicant's upland address. The two mooring buoys are placed approximately 103 and 118 feet waterward of the pier. The buoy anchors are cast in concrete and placed on the lakebed. A 1 inch chain is attached to each anchor and holding the buoys.

#### DESCRIPTION OF ENVIRONMENTAL SETTING

The project site consists of a low, moderately sloping beach which rises to a level upland. A small stone and concrete retaining wall separates the beach slope from the upland zone. The upland is graded level to accommodate a lawn and residence.

A beach of medium to coarse sand is located at the waterward point of the beach. This sand zone extends shoreward approximately ten feet. It changes to a cobbly substrate approximately 80 feet south of the applicant's pier. Landward of the sandy zone, the upper beach displays bands of sandy and cobbly material between 1 and 3 inches in size. This banding of material continues up to the stone wall.

The shoreline vegetation consists of conifers inland. A two-story residence covers the center of the upland lot. A lawn is planted on the terrace facing the lake. Small clumps of grasses and weeds can be found along the lower foot of the stone wall. No vegetation can be found beyond the sandy beach out to the water's edge. The lake bottom at the project site consists of cobbles and sandy bottom.

MARY LOUISE PAUL-DOTY MOORING BUOY  
ENVIRONMENTAL IMPACT ASSESSMENT

A.1. Earth Conditions

The project involves authorization of two existing mooring buoys placed waterward of the applicant's pier. The buoys are anchored each by a single concrete block resting on the lake bed. This construction will not alter or cover any ground features or create unstable conditions.

A.2. Overcovering Soil

The two existing buoys will be anchored each with a concrete block approximately two feet in diameter placed on the lake bed. Each anchor will cover approximately three square feet of the substrate. The anchors and buoys will be placed waterward of the pier and will not impact upland soil.

A.3. Topography

The two mooring buoys are installed waterward of the applicant's pier. The mooring buoys are installed each with a concrete anchor block placed on the substrate. This impact will be minimal.

A.4. Unique Features.

The lakebed at the project site is flat and lacks unique features. The two existing mooring buoys are installed on the lakebed using concrete anchor blocks resting on the substrate. The buoys will not affect unique features on the lake bed.

A.5. Erosion.

The two buoy anchor blocks are placed directly in the lake bed substrate. They will not cause any erosion or significant disturbance to lake bottom profiles.

A.6. Siltation.

The project is currently complete. There will not be new construction activity which will cause siltation in the water column. Water levels are currently lower than normal because of drought. Water level rise might cause minor siltation as levels return to normal. Some minor prevailing currents may exist during normal lake levels but the accrual of silts will be minimal.

#### A.7. Geologic Hazards.

The two buoy assemblies are set directly onto the lake bed. The depths of installation will be shallow and should not induce seismic instabilities or ground failures. No impacts are expected.

#### B.1 Emissions.

The project is complete. There will not be any new construction which would generate new emissions. The authorization will be for the existing structures.

#### B.2. Odors.

The two mooring buoys are currently in place. There will not be any new construction activities to create odors.

#### B.3. Air Alterations

The two buoys are located in the lake. They will not create impacts which would alter air characteristics in any way.

#### C.1. Currents.

The two existing mooring buoys are held by submerged anchor blocks and chain. These structures will not create a significant impact on currents or water movements.

#### C.2. Runoff.

The two mooring buoys are placed within the body of Lake Tahoe. They will not affect surface water drainage patterns, etc.

#### C.3. Flood Waters.

The two mooring buoys are placed within the body of Lake Tahoe. They will not affect flood waters from streamflows.

#### C.4. Surface Water.

The two mooring buoys are placed in the body of Lake Tahoe. The anchors and buoys will not affect the surface water volume of Lake Tahoe.

#### C.5. Turbidity

The two mooring buoys are currently in place. There will be no construction activity to generate turbidity in Lake Tahoe. The water level is low due to drought. There may be

52  
10-12

turbidity related to a return to normal water levels.

C.6. Ground Water Flows.

The two mooring buoy blocks are set at relatively shallow depths. They should not affect ground water flows.

C.7. Ground Water Quantity.

The two buoy anchor blocks are set at relatively shallow depths and do not serve as water acquisition facilities. They should not affect ground water supplies.

C.8. Water Supplies.

The buoys are not intended for water acquisition. They will not affect water supplies.

C.9. Flooding.

The cumulative volume of the two buoy assemblies will not induce flooding. The structures will not interfere with water movements to induce flooding.

C.10. Thermal Springs.

There are no thermal springs in the vicinity. The project will not affect any thermal springs.

D.1. Plant Species Diversity.

The lake bottom at this location is sandy and cobbly. It would be conducive to supporting sessile bottom plants. The structures could furnish a substrate for sessile aquatic plants. This impact would not be new as the anchors and buoys are in place as well as several piers located adjacent this site which can furnish habitat for sessile aquatic plants. There will be no impacts on upland plants.

D.2. Endangered Species.

An existing pier is constructed extending from shore 96 feet waterward of the high water line. The buoys are placed 103 to 218 feet beyond the pier. No impacts to aquatic plants are expected as they are already in place. The project will have no impacts on aquatic or land plant populations.

D.3. Introduction of Plants.

The anchors, chains and pier pilings will afford a hard substrate for sessile aquatic plants. Piers and buoys are located on either side of the project site and the two mooring buoys are in place so they will not create a new impact on aquatic plant populations.



D.4. Agricultural Crops.

The two buoys are located in Lake Tahoe. No agriculture or aquaculture are carried out in this area. There will be no impact.

E.1. Animal Species Diversity.

The two buoy anchors could affect access to the lake bottom by burrowing organisms. Fish and benthic organisms could be attracted to the buoy assemblies for grazing and shelter. The impacts would not be new as the structures are already in place.

E.2. Rare Species.

The two buoy assemblies are currently in place so impacts to fish will be absent. During normal water levels, the impact should be minimal as fish will repopulate the site.

E.3. New Species.

The project is currently in place. No new animal species will be introduced as a result of the project.

E.4. Habitat Deterioration.

The project is currently in place. There will be no new or increased habitat deterioration resulting from the authorization of these structures.

F.1. Noise Increases.

There will be no construction activities to generate new noise as the project is already in place. There will not be any whistles or bells on the buoys for navigational aids so noise levels will not change from this.

F.2. Severe Noise.

The two buoys are in place. There will be no new construction activity to generate noise associated with this project.

G.1. Light and Glare.

The project is already constructed so light from construction will not occur. There will be no navigational lights on the buoys to create light or glare. No reflections or glare will be created from finished surfaces. There may be glare from reflective surfaces of moored boats but this will not be a new impact.

H.1. Land Use.

The buoys are already installed among existing piers and buoys at either side of the project site. There will not be a newly introduced use for this location to alter local use patterns. Adjacent piers are approximately 91 feet right and 437 feet left of the proposed site.

I.1. Resource Use.

The buoys will not increase resource depletion or loss of non-renewable resources. The two buoys will be used only for recreational boats and use.

J.1. Explosion.

The project involves authorization of two existing buoys. Risk of explosion of fuel or by collision of recreational boats could occur during use. Precautions will be taken to minimize this possibility.

J.2. Emergency Plans.

The two buoys are located among several existing piers and buoys. These structures will not create a new impact upon emergency vessel movements in the area.

K.1. Alter Population.

The planned project will not affect the population density or growth patterns in that area. The buoys are intended for private use by the applicant for mooring of recreational vessels. There will be no live-aboard vessels or increases in local population.

L.1. Housing.

The two mooring buoys are intended for use by the applicant whose property is located at the shoreward end of their pier. No new housing will be constructed in association with the pier and buoys.

M.1. Vehicular Movement.

The buoys are intended for the applicant's use. No new vehicular traffic will result from use of the two mooring buoys.

M.2. Parking.

The two buoys are intended for the applicant's private use. New parking facilities will not be created or associated

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with their use.

### M.3. Transportation Systems.

The proposed project will not create new impacts on existing or future transportation systems. The buoys are intended for the applicant's use only.

### M.4. Circulation.

The buoys are constructed among several existing piers and buoys. They will not affect current land or water traffic circulation.

### M.5. Traffic.

The two buoys are located among existing piers and buoys at the west shore of Lake Tahoe. There are presently three buoys located to the right of the proposed project and another three buoys to the left of the site. The existing piers and buoys generally affect boat traffic, driving it waterward to avoid collision with these structures. Waterskiing and fishing must be conducted away from the piers and buoys to avoid injury to skiers or fouling of trolling lines. This impact will not be new, but ongoing.

### M.6. Hazards.

The two mooring buoys will be located in Lake Tahoe and will not pose a hazard to motor vehicles, pedestrians or bicyclists.

### N.1-6. Public Services.

The project involves authorization of two private mooring buoys. These existing structures will not create a new impact on public services including fire and police protection, school and park facilities, road maintenance or other public services. No significant impacts will occur.

### O.1. Energy Use.

The project is already in place. There will be no new demand on energy for construction. The project will not require use of energy for navigational aids.

### O.2. New Energy.

The mooring buoys will require no energy for construction since they are already installed. There will be no impacts on future energy needs.

### P.1-6. Utilities.

The two buoys will not create an impact on utilities services including power, water, sewerage and waste or communications. No impact will occur.

Q.1-2. Health Hazards.

The buoys will use 1 inch chain attached to a concrete anchor block and a plastic float. These materials will not pose a health hazard or potential health hazard to humans.

R.1. Views.

The buoys are placed among several other piers and buoys. The presence of several piers and buoys will create an impact upon views from shore. This project will not create a new impact upon the present view status, but will contribute to an existing condition with several piers and buoys.

S.1. Recreation.

The proposed project will not create a new impact upon recreation in this area. The buoys could impact waterskiing, fishing and possibly swimming activities, but this will not be a new impact.

T.1-4. Historic Ethnic Sites.

The buoys are located waterward of the lake shore. There are no known archaeological or ethnic sites in this location so there will be no impact.

U.1. Degradation.

The buoys are installed among several other buoys in a small area on Lake Tahoe. The presence of several buoys could cause a degradation of the visual quality of the area but this will not be a new impact.

U.2. Environmental Goals.

The impact created by the buoys' presence is considerable but their presence among several existing buoys will be a less significant visual impact. Their presence among existing facilities will not adversely affect current environmental goals.

U.3. Cumulative Impacts.

The proposed mooring buoys are located among several existing buoys, and piers including boathouses. Pier and buoy densities were studied for visual impacts and discussed in The Cumulative Impact of Shorezone Development at Lake Tahoe (1978). It was determined that greater pier and buoy densities

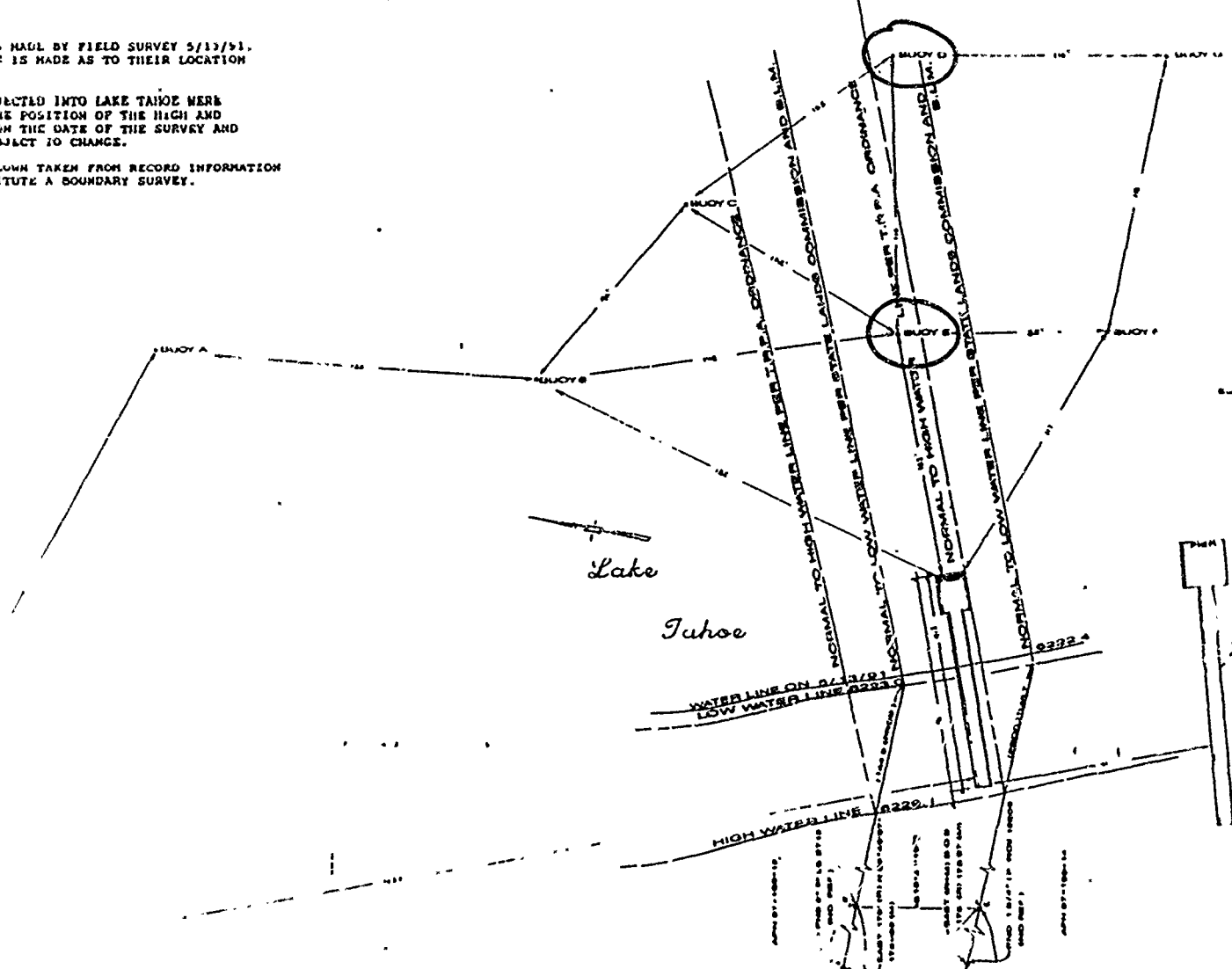
create a greater negative impact on the public than few or no piers or buoys. This project will add to the cumulative impact of buoys already installed but the impact will not be new.

U.4. Adverse Impacts.

The accumulation of several buoys in this area including the applicant's buoys may contribute to the visual impacts, but the added impact of the project should be negligible. There will not be a significant adverse impact on humans.

**NOTES**

1. LOCATION OF BUOYS MADE BY FIELD SURVEY 5/13/51. NO REPRESENTATION IS MADE AS TO THEIR LOCATION AFTER THAT DATE.
2. NORMAL LINES PROJECTED INTO LAKE TAHOE WERE ESTABLISHED BY THE POSITION OF THE HIGH AND LOW WATER LINES ON THE DATE OF THE SURVEY AND ARE THEREFORE SUBJECT TO CHANGE.
3. PROPERTY LINES SHOWN TAKEN FROM RECORD INFORMATION AND DO NOT CONSTITUTE A BOUNDARY SURVEY.



**BUOY AND PIER LOCATION SURVEY  
OF 4910 WEST LAKE BLVD.**  
A PORTION OF SECTION 1  
TOWNSHIP 15 NORTH, RANGE 16 EAST, M.D.M.  
PLACER COUNTY, CALIFORNIA  
APH 97-100-13

DATE OF SURVEY: \_\_\_\_\_  
SCALE: \_\_\_\_\_  
BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_

**HALE-TIPPINI**  
**CONSULTANTS**

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