MINUTE ITEM
This Calendar Item No. C12
was approved as Minute Item
No. 12 by the State Lands
Commission by a vote of 3
to 0 at its 1/8/92
meeting.

CALENDAR ITEM

A 10
S 7

C 12

01/08/92
W24691
Fong

PRC 7605

GENERAL PERMIT - RECREATIONAL USE
CERTIFICATION OF A NEGATIVE DECLARATION

Applicant:
Raymond P. and Theresa F. Meyer
745 Lola Lane
Mountain View, California 94040

AREA, TYPE LAND AND LOCATION:
A 0.112 acre of tide and submerged land located three miles north of the Bethel Island Bridge on the east bank of Taylor Slough at Bethel Island, Contra Costa County.

LAND USE:
Installation and use of a 38-ft. by 51-ft. triple berth, uncovered, recreational dock and walkway.

TERMS OF PROPOSED PERMIT:
Initial period:
Ten (10) years beginning January 15, 1992.

Public liability insurance:
Combined single limit coverage of $500,000.

CONSIDERATION:
$532 per annum; with the State reserving the right to fix a different rental on each fifth anniversary of the permit.

BASIS FOR CONSIDERATION:
Pursuant to 2 Cal. Code Regs. 2003.

APPLICANT STATUS:
Applicant is owner of upland.

PREREQUISITE CONDITIONS, FEES AND EXPENSES:
Filing fee and processing deposit have been received.

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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:

02/11/92

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 573, State Clearinghouse No. 91113089. 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. 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 proposed, is consistent with its use classification.

3. The Applicants are the owners of a residential lot adjacent to Taylor Slough at Bethel Island. They are in the process of obtaining permits to build their residence on the upland lot but desire to obtain their permit for the construction of their residential dock first. They propose to install a three-berth dock to accommodate the number of vessels they own and use.

APPROVALS OBTAINED:

Department of Fish and Game streambed alteration permit, Bethel Island Municipal Improvement District, United States Army Corps of Engineers, and Contra Costa County.

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EXHIBITS:

A. Land Description
B. Location Map
C. Negative Declaration

IT IS RECOMMENDED THAT THE COMMISSION:

1. FIND THAT THIS ACTIVITY IS CONSISTENT WITH THE USE CLASSIFICATION DESIGNATED FOR THE LAND PURSUANT TO P.R.C. 6370, ET SEQ.

2. CERTIFY THAT A NEGATIVE DECLARATION, EIR ND 573, STATE CLEARINGHOUSE NO. 91113089, WAS PREPARED FOR THIS PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.

3. DETERMINE THAT THE PROJECT, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.

4. AUTHORIZE ISSUANCE TO RAYMOND P. AND THERESA F. MEYER OF A TEN-YEAR GENERAL PERMIT - RECREATIONAL USE, BEGINNING JANUARY 15, 1992, IN CONSIDERATION OF ANNUAL RENT IN THE AMOUNT OF $532, WITH THE STATE RESERVING THE RIGHT TO FIX A DIFFERENT RENTAL ON EACH FIFTH ANNIVERSARY OF THE PERMIT; PROVISION OF PUBLIC LIABILITY INSURANCE FOR COMBINED SINGLE LIMIT COVERAGE OF $500,000; FOR THE INSTALLATION AND USE OF RECREATIONAL DOCKS ON THE LAND DESCRIBED ON EXHIBIT "A" ATTACHED AND BY REFERENCE MADE A PART HEREOF.

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EXHIBIT "A"

W 24691

LAND DESCRIPTION

A parcel of submerged land contiguous to upland property shown as Parcel "B"; COMMENCING at the Southwest corner of corner of Parcel B as shown on the parcel map filed July 25, 1979 in Book 79 of parcel maps, page 12 Contra Costa County Records; thence N 74° 12' W, 10.03 feet to the POINT OF BEGINNING of the herein described parcel of submerged state lands; thence from said point of beginning N 74° 12' W, 80,00 feet; thence N 11° 27' E to a point on a line bearing N 76°30'29W, from the Northwest corner of parcel "B" said line being the extension waterward of the North property line of Parcel "B"; thence S 76°30' 29" E, to a point on a line bearing N 11° 27' E from the point of beginning; thence S 11°27' W to the point of beginning, containing 0.112 more or less acres.

END OF DESCRIPTION

SCANNED AND FORMATTED NOVEMBER, 1991 BY LLB

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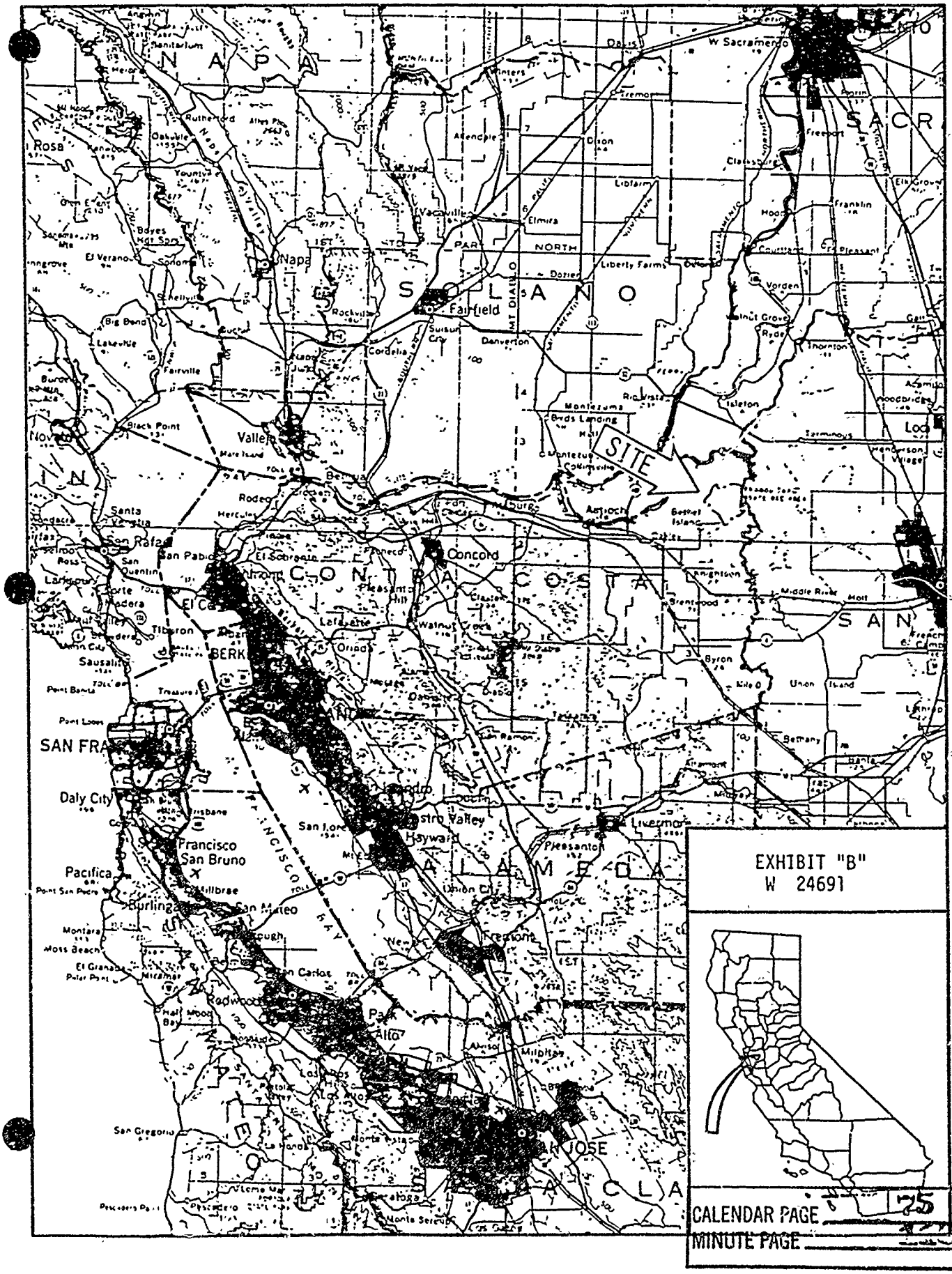
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EXHIBIT "B"
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EXHIBIT "C"

STATE OF CALIFORNIA — PETE WILSON, *Governor*

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

November 25, 1991
File Ref.: W 24691
EIR ND: 573
SCH: 91113089

NOTICE OF PUBLIC REVIEW OF A PROPOSED 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 December 26, 1991.

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

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STATE OF CALIFORNIA

PETE WILSON, *Governor*

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

PROPOSED NEGATIVE DECLARATION

EIR ND: 573

File Ref.: W 24691

SCH: 91113089

Project Title:	Meyer Recreational Dock
Project Proponent:	Raymond and Theresa Meyer
Project Location:	Taylor Slough, 3 miles north of Bethel Island Bridge on the east bank of Taylor Slough, adjacent to APN: 028-070-008, Bethel Island, Contra Costa County.
Project Description:	Proposed construction of a 38' x 51' triple berth, uncovered, recreational dock and walkway. The main berth will be 16' x 45', and the two side berths will be approximately 10' x 16' and 10' x 22'. The dock will be supported by three pilings. The piles will be driven by a barge-mounted crane equipped with a 3,000 lb. hammer. The remainder of the dock is proposed to be constructed with hand tools. A 3/4" water line and a 1" electrical line will be placed in a 1' foot trench across the crown of the levee and will extend from the proposed upland residence to serve the vessels proposed to be docked.
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:

/X/ that 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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STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: W 24691

I. BACKGROUND INFORMATION

A. Applicant: Raymond and Theresa Meyer
C/O Wes Anderson Engineering
Riverside Construction, INC.
P.O. Box 427, Bethel Island, CA 94511

B. Checklist Date: 09 / 25 / 91

C. Contact Person: Judy Brown

Telephone: (916) 324-4715

D. Purpose: To construct a private recreational dock to obtain private recreational access to Taylor Slough.

E Location: 3 miles north of Bethel Island Bridge on the east bank of Taylor Slough; adjacent to APN: 028-070-006, Bethel Island, Contra Costa County.

F. Description: Proposed construction of a 38' x 51' triple berth, open piling, uncovered, recreational dock and walkway. Three piles will be driven by a barge-mounted crane equipped with a 3,000 lb. hammer. The remainder of the dock is proposed to be constructed with hand tools. A 3/4" water line and 1" electrical line will be placed in a 1' trench across the crown of the levee and will extend from the proposed upland residence to serve the vessels proposed to be docked.

G Persons Contacted:

Department of Fish and Game, Region II
Ron Bertram, Wildlife Biologist (916) 355-7010
Fred Myer, Fisheries Biologist (916) 355-7090
Bethel Island Municipal Improvement District (415) 684-2210
Contra Costa County, Community Development Dept. (415) 646-2035

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

A. *Earth.* Will the proposal result in:

	Yes	Maybe	No
1. Unstable earth conditions or changes in geologic substructures?	☐	☐	XX
2. Disruptions, displacements, compaction, or overcovering of the soil?	☐	☐	X
3. Change in topography or ground surface relief features?	☐	☐	X
4 The destruction, covering, or modification of any unique geologic or physical features?	☐	☐	X
5. Any increase in wind or water erosion of soils, either on or off the site?	☐	☐	X
6 Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?	☐	☐	X
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	☐	☐	X

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		Yes	Maybe	No
B	*Air.* Will the proposal result in			
1	Substantial air emmissions or deterioration of ambient air quality?	☐	☐	☒
2	The creation of objectionable odors?	☐	☐	☒
3	Alteration of air movement, moisture or temperature or any change in climate, either locally or regionally?	☐	☐	☒
C	*Water.* Will the proposal result in			
1	Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?	☐	☐	☒
2	Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?	☐	☐	☒
3	Alterations to the course or flow of flood waters?	☐	☐	☒
4.	Change in the amount of surface water in any water body?	☐	☐	☒
5	Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?	☐	☐	☒
6.	Alteration of the direction or rate of flow of ground waters?	☐	☐	☒
7.	Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?	☐	☐	☒
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?	☐	☐	☒
10.	Significant changes in the temperature, flow or chemical content of surface thermal springs?	☐	☐	☒
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, grass, crops, and aquatic plants)?	☐	☐	☒
2.	Reduction of the numbers of any unique, rare or endangered species of plants?	☐	☐	☒
3.	Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?	☐	☐	☒
4.	Reduction in acreage of any agricultural crop?	☐	☐	☒
E	*Animal Life.* 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)?	☐	☐	☒
2	Reduction of the numbers of any unique, rare or endangered species of animals?	☐	☐	☒
3	Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?	☐	☐	☒
4	Deterioration to existing fish or wildlife habitat?	☐	☐	☒
F	*Noise.* Will the proposal result in:			
1	Increase in existing noise levels?	☐	☐	☒
2.	Exposure of people to severe noise levels?	☐	☐	☒
G.	*Light and Glare.* Will the proposal result in			
1	The production of new light or glare?	☐	☐	☒
H	*Land Use.* Will the proposal result in:			
1	A substantial alteration of the present or planned land use of an area?	☐	☐	☒
I	*Natural Resources.* Will the proposal result in			
1	Increase in the rate of use of any natural resources?	☐	☐	☒
2	Substantial depletion of any nonrenewable resources?	☐	☐	☒

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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?	☐	☐	☒
2. Possible interference with emergency response plan or an emergency evacuation plan?	☐	☐	●

K. *Population.* Will the proposal result in:

1. The alteration, distribution, density, or growth rate of the human population of the area?	☐	☐	☒

L. *Housing.* Will the proposal result in:

1. Affecting existing housing, or create a demand for additional housing?	☐	☐	☒

M. *Transportation/Circulation.* Will the proposal result in:

1. Generation of substantial additional vehicular movement?	☐	☐	☒
2. Affecting existing parking facilities, or create a demand for new parking?	☐	☐	☒
3. Substantial impact upon existing transportation systems?	☐	☐	☒
4. Alterations to present patterns of circulation or movement of people and/or goods?	☐	☐	☒
5. Alterations to waterborne, rail, or air traffic?	☐	☐	☒
6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians?	☐	☐	☒

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?	☐	☐	☒
3. Schools?	☐	☐	☒
4. Parks and other recreational facilities?	☐	☐	●
5. Maintenance of public facilities, including roads?	☐	☐	☒
6. Other governmental services?	☐	☐	☒

O. *Energy.* Will the proposal result in:

1. Use of substantial amounts of fuel or energy?	☐	☐	☒
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?	☐	☐	☒

P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:

1. Power or natural gas?	☐	☐	☒
2. Communication systems?	☐	☐	☒
3. Water?	☐	☐	☒
Sewer or septic tanks?	☐	☐	☒
5. Storm water drainage?	☐	☐	☒
6. Solid waste and disposal?	☐	☐	☒

Q. *Human Health.* Will the proposal result in:

1. Creation of any health hazard or potential health hazard (excluding mental health)?	☐	☐	☒
2. Exposure of people to potential health hazards?	☐	☐	☒

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?	☐	☐	●

S. *Recreation.* Will the proposal result in:

1. An impact upon the quality or quantity of existing recreational opportunities?	☐	☐	☒

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T *Cultural Resources*

	Yes	Maybe	N
1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?	☐	☐	X
2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building structure, or object?	☐	☐	X
3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?	☐	☐	X
4. Will the proposal restrict existing religious or sacred uses within the potential impact area?	☐	☐	X

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?	☐	☐	X
2. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?	☐	☐	X
3. Does the project have impacts which are individually limited, but cumulatively considerable?	☐	☐	X
4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	X

III. DISCUSSION OF ENVIRONMENTAL EVALUATION *(See Comments Attached)*

See Attached Sheet

IV. PRELIMINARY DETERMINATION

On the basis of this initial evaluation

[X] 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: 11/ 22 / 91

For the State Lands Commission
Judy Brown

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n 13:20 (7/82)

PROPOSED NEGATIVE DECLARATION
MEYER - PROPOSED TRIPLE, OPEN BERTH
TAYLOR SLOUGH, BETHEL ISLAND
CONTRA COSTA COUNTY

ENVIRONMENTAL SETTING:

The proposed project site is located on the western edge of Bethel Island, south of Canal Road and will be attached to the east levee of Taylor Slough. The length of applicant's property fronting Taylor Slough is approximately 63 feet. The waterward side of the levee at the project site consists of various sized rock riprap bank protection which supports naturalized grasses and weeds. This form of bank protection appears to be common along the levee in this area. Several small clumps of tules are growing in the water immediately adjacent to the shoreline.

No threatened or endangered animal species have been sited or listed within the Natural Diversity Data Base for the Jersey Island Quadrangle, where this project is located.

An upland residence is proposed for construction on the landward side of the levee. It is not a part of this Initial Study.

Recreational boat docks exist waterward of most all parcels adjacent to the Bethel Island levee of Taylor Slough. The majority of the private recreational facililties are single and double berth facilities. Several marinas exist on Taylor Slough and within the vicinity of this proposed project.

Downstream and adjacent to the proposed project is a single berth with a covered boatshed which extends approximately 85 feet into the waterway. The parcel located immediately upstream contains a P.G.&E. underground cable crossing and an agricultural intake pumping facility. The southern extent of the Leisure Landing Marina is located two parcels to the north of the proposed project site, within approximately 200 feet.

The nearest vessel sewage pumpout facility is located approximately 2-1/2 miles downstream in Sandmound Slough.

A 5 mph, "slow, no wake", buoy is located in the channel of Taylor Slough immediately waterward of the proposed project.

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PROJECT DESCRIPTION

The proposed project consists of the construction and placement of a 38′ x 51′ triple berth open floating dock. The main berth will have a 16′ x 45′ opening, while the two downstream side berths will be approximately 10′ x 15′ and 10′ x 22′, separated by 4′ wide fingers. The gangway will be attached to a 6′ x 41′ header float, and the entire floating structure will be attached to five pilings driven into the bed of Taylor Slough. Piling placement will be accomplished with a barge-mounted pile driver with a 3,000 lb. hammer and the piling installation is anticipated to take several hours.

The proposed project includes the placement and installation of three electric outlets, two 40amp security lights (one on the walkway at the crown of the levee, and one at the end of the gangway near the header float), and water service to the docking facility. The 1" electrical line and 3/4" water line will be extended to the docking facility from the utilities connected during the construction of the upland residence. The utilities will be trenched across the surface of the levee. The trench is anticipated to be 3" wide by 12"deep. The utilities will then be connected to the underside of the walkway down to the dock.

The dock structure will be constructed with hand tools.

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III. DISCUSSION OF ENVIRONMENTAL EVALUATION

A. Earth

1. The project involves the construction and placement of a floating boat dock secured by piling driven into the slough bed and attached to the Bethel Island levee. The construction will not alter or cover any ground features or create unstable conditions.

2. A minor amount of soil will be compacted during the placement of five pilings which will support the floating dock. A 3" x 12" trench will be excavated using hand tools from the upland residence up to and across the crown of the levee for the placement of the water and electrical lines to the dock facility.

3. No grading or fill material will be used. The ground surface will not be recontoured. The trench, as described in A-2, above, is considered to be a minor surface disturbance. Five piles will be driven into the slough bed by a 3,000 lb. hammer. This impact is unavoidable and is considered to be a temporary minor disturbance to the bed of the slough.

4. No known unique geologic features exist within Taylor Slough at this location.

5. This project does not propose the placement of impervious facilities.

6. Taylor Slough within the vicinity of this project, contains numerous recreational piers and marinas. The placement of this pier could possibly contribute to the overall effects of wave action against the levee system resulting from boat traffic. The levee bank located immediately across the Taylor Slough channel from the project site contains scattered concrete rubble randomly placed. However, 5 mph speed limit buoys are located at various intervals in the channel of Taylor Slough within the vicinity of the proposed project which is a means of controlling erosion/siltation in this area.

7. This project is not located within a known earthquake fault; however the Delta does contain soils rich in peat which experience subsidence over long periods of time under normal and faulting circumstances. The construction and placement of this dock will not significantly contribute to the exposure of people or

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property to ground failure beyond that which exists for development within this County and the surrounding Delta.

B. Air

1. The barge-mounted pile driver may emit a temporary amount of exhaust associated with the diesel-powered pile driver for a maximum construction period lasting several days. In addition, the construction workers will arrive by car or truck to the project site. This impact will be small and temporary.

2. The construction operations will create some odors as engines are operated during the piling installation and from crew vehicles arriving at and from the project site. This impact will not be significant and will be temporary, lasting until construction is completed. Use of the floating pier will create some odors as boats arrive and leave. This impact will be minimal.

3. No. This project does not include devices which would affect wind movement, nor which would emit any liquid or gaseous vapors into the atmosphere.

C. Water

1. This project proposes the construction of an open piling floating dock which will be placed within the banks of the slough. This structure will not create a significant impact on currents or water movement.

2. This project does not include the construction or placement of impervious structures; therefore, there will be no effect on surface water drainage patterns.

3. The floating dock will be placed within the floodplain of a tidally influenced slough. The structure will not affect flood waters from streamflows.

4. This project does not propose the discharge of any materials into the waterway which would increase the amount of surface water.

5. The proposed project includes water service to the docking facility which will be used for filling vessel tanks which will discharge directly into the Slough. This impact would not from this project alone produce a significant effect.

6. This project does not propose significant excavation which would affect the direction or rate of flow of ground waters.

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7. Refer to response C-6, above.

8. This project does not propose to extract water from Taylor Slough. This project will not significantly affect existing water supplies.

9. The construction and placement of any structure, such as this, within a floodplain could damage or destroy the facilities during a significant increase in water flows through this slough.

10. No known surface thermal springs have been identified within Taylor Slough at this location, therefore no impact is anticipated.

D. Plant Life

1. The proposed project will not disturb existing, natural vegetation. The proposed construction site contains naturalized grasses and weeds growing among existing rock bank protection and several small clumps of tules growing in the water immediately adjacent to the shoreline. The project will be built over the vegetation described.

2. Refer to response D-1, above. The Department of Fish and Game's Natural Diversity Data Base has been searched for this project area, and no threatened, rare or endangered species of plants are listed for this area.

3. This project does not propose landscaping and will therefore not introduce new species of plants into the area.

4. This project is proposed to be constructed on the Taylor Slough side of the Bethel Island levee. The project is located directly waterward of a vacant parcel which is zoned for residential use and upon which a residence is proposed. The proposed construction will not have a direct effect upon agricultural crops, as no agricultural lands are involved.

E. Animal Life

1. The construction activity involving driving of the five

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piles which will support the floating dock will have minimal effect on fish that would normally swim along this shoreline area. The facility will have minimal effects onshore as it will be attached to the levee and constructed over the levee bank.

2. No unique, rare or endangered species of animals have been identified within the Department of Fish and Game's Natural Diversity Data Base for this area, which is located within the Jersey Island U.S.G.S. quadrangle.

3. This project does not involve the introduction of any animals. The proposed structure will be attached to the crown of the levee and be built out over the bank and waterway so as not to be a barrier to the migration or movement of animals.

4. The general area of the site proposed for construction is developed in residential/recreational and commercial uses of the waterway. The project site contains only marginal habitat and no vegetation will be disturbed. No reduction in any fish or wildlife population is expected to result from this project.

F. Noise

1. The proposed construction activity will have a temporary, unavoidable increase in the existing noise levels during the pile driving activity. The duration of the pile driving activity is anticipated to last no more than several hours. The construction activity will be conducted during normal working daytime hours to avoid the more sensitive evening and early morning periods. This impact is viewed as insignificant.

2. The proposed construction activity involving the driving of five piles into the bed of Taylor Slough is anticipated to generate a short-term noise level of approximately 90db. The County's Noise threshhold for the Bethel Island area is 60-65 dB, therefore, this impact is considered to be a short-term unavoidable impact. As described above, this impact will occur during daytime hours which will total several hours' time.

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G. Light and Glare

1. The project proposes two 40 amp gfi lights which will be constructed from the electrical circuit proposed for the upland residence. The lighting is proposed for night time safety and security purposes. The project as proposed is not anticipated to produce significant night time lighting beyond that which occurs on the recreational structures which exist on this portion of Taylor Slough. The land area located on the Jersey Island bank of Taylor Slough immediately across the waterway from the proposed project site is in agricultural use. Therefore, there would be no lighting or glare impacts to people on the opposite levee bank.

H. Land Use

1. The proposed project is located within a residential/recreational use area and within close proximity to an existing commercial marina. This use will be consistent with existing uses of the area.

I. Natural Resources

1. A 3/4" water line will be supplied to the dock which will be extended from the upland residence. The water will be used for filling the water tanks of the boats docked at the facility. This use is not considered to be a significant impact to the use of natural resources.

2. Consumption of nonrenewable resources would be limited to gasoline and oil products to fuel and maintain the boats which will be docked at the facility. This use is not considered to be a significant impact to the use of natural resources.

J. Risk of Upset

1. A remote possibility exists that the vessels docked at the facility could catch fire and the gasoline tanks could then explode, creating a hazardous situation if the

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three berths of this facility are occupied simultaneously. This possibility is considered to be remote and not a significant impact by itself. Other than the gasoline proposed to be used in the vessel's fuel tanks, the proposed project does not propose the use of any other known hazardous substances.

2. The proposed project will not extend into the waterway beyond existing recreational structures and therefore will not be an obstruction to emergency waterborne vessels.

K. Population

1. The proposed project does not include residential uses which would affect the growth rate of the area beyond that which exists. The County of Contra Costa has approved the construction of a residence on the upland parcel which is in the construction stage. This proposed project will not significantly alter the distribution or density of the population of the area.

L. Housing

1. Refer to response K-1, above.

M. Transportation

1. The proposed project will be accessed through the upland residential parcel which includes residential parking for the proposed structure. The applicant advises that the vessels which will be moored at the proposed docking facility are owned and operated by the applicant.

2. See response to M-1, above.

3. The proposed project will be constructed utilizing a barge-mounted pile driver which will access the project site from Taylor Slough. The remainder of the dock and gangway will be constructed utilizing one or two construction vehicles which will obtain access from the upland residence.

4. The proposed project will not interfere with any existing

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ground surface traffic.

5. The proposed project site is located between the end of a commercial marina, and other existing recreational use structures in Taylor Slough. The proposed project will extend approximately 81' into the waterway. This distance will not extend beyond other adjacent structures in the waterway.

The project, as proposed, could have an impact on navigational safety as the navigational approach to the side berths of this project is narrow. The distance between the proposed docking facility and the adjacent downstream boatshed will be approximately 12-15 feet. However, the boating speed limit is reduced to 5 mph within this area which will significantly reduce the potential for navigational problems. The project will span 48' of the existing 63' of property fronting Taylor Slough. This impact is anticipated to be non significant and similar to other navigational approaches for recreational structures on this waterway.

N. Fire Protection

1. As described above, the proposed project will be located in an area of levee which contains numerous recreational structures. The proposed project would be served by the Bethel Island Fire Protection District and would not by itself produce a significant need for increased services.

2. The proposed project site is located adjacent to a proposed residence. This project will not require additional protection beyond that which exists for this area. The project is located within an area served by the Contra Costa County Sheriff.

3. The proposed project is not habitable nor are residential uses allowed on the waterway pursuant to State Lands Commission leasing policy.

4. The need for public access to this waterway exists and will not significantly change as a result of the proposed project.

5. The proposed project is not commercial in nature and will

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not create new demands upon public facilities.

6. The Bethel Island Municipal Improvement District which regulates uses which might effect the Bethel Island flood control or reclamation works, granted the applicant a permit on May 16, 1991 for the proposed activity. The proposed project is not anticipated to have a significant effect on the District's ability to perform their function.

O. Energy

1. Although a 40 amp gfi conduit will be constructed to provide night time security lighting to the proposed boat dock, and several electrical outlets will be placed to enable the applicant to recharge the batteries of recreational boats occupying his facility, this impact is considered to be minimal and will not result in substantial amounts of energy.

2. Utilities have been approved for the proposed residence on the adjacent upland. The utility lines proposed to provide night time security lighting are not considered to be significant demands upon energy sources.

P. Utilities

1. Refer to response O-1, above.

2. No communication systems are proposed or needed for this project.

3. Refer to response I-1, above.

4. The applicant is constructing a residence on the adjacent upland which is not a part of this analysis. However, the need for these facilities will be provided for at the upland residence. The nearest vessel sewage pumpout facility is located approximately 2-1/2 miles downstream in Sandmound Slough. A vessel sewage pumpout facility is proposed to be placed in the near future at the Anchor Marina, which is located on Taylor Slough in the vicinity of this project. The addition of this triple-berth dock

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facility to this area will not create a significant impact by itself to sewage disposal.

5. This project does not propose the construction of impervious structures requiring the need for additional storm drains.

6. Refer to response P-4, above.

Q. Human Health

1. As described in C-5, above, this project will not by itself create a significant impact.

2. The water quality of Taylor Slough is controlled by the State Regional Water Quality Control Board. No known health hazards exist for this area.

R. Aesthetics

1. The proposed project will not result in a decrease in visual quality beyond that which exists along the shoreline of Taylor Slough adjacent to Bethel Island.

S. Recreation

1. The proposed project involves the construction of one floating dock which has the ability to accommodate three vessels. The present private recreational structures which exist within this area of Taylor Slough, on the average, contain two berths. This proposed project will not by itself create a new, significant impact upon the recreational access needs for this area beyond that which exists.

T. Cultural Resources

1. This project does not propose significant new excavation or significant ground disturbance in areas which have not previously been disturbed.

2. No prehistoric or historic buildings, structures or objects have been identified on this project site. The adjacent upland is zoned for residential use.

3. Refer to response to T-1, above.

4. The proposed project will not effect existing religious

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or sacred uses of this land, as none have been identified at this location.

U. Mandatory Findings of Significance

1. The proposed project would not by itself have the potential to degrade the quality of the environment, reduce the habitat of fish or wildlife, threaten a plant community or reduce the number or restrict the range of a rare or endangered plant or animal (please refer to environmental impact discussion in D. and E. above).

2. The short term goal would be to enable the applicant to access the waterway for private recreational purposes which would not create significant impacts to the environment.

3. The project by itself would not produce significant effects to the environment as previously discussed in environmental impact discussions above.

4. The proposed project would not produce environmental effects which would have substantial adverse effects on human beings either directly or indirectly as previously discussed in environmental discussions above.

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199100206

PRIVATE BOAT DOCK

TAYLOR SLOUGH CONTRA COSTA COUNTY CA.

LOCATION: 1204 TAYLOR RD. BETHEL IS.

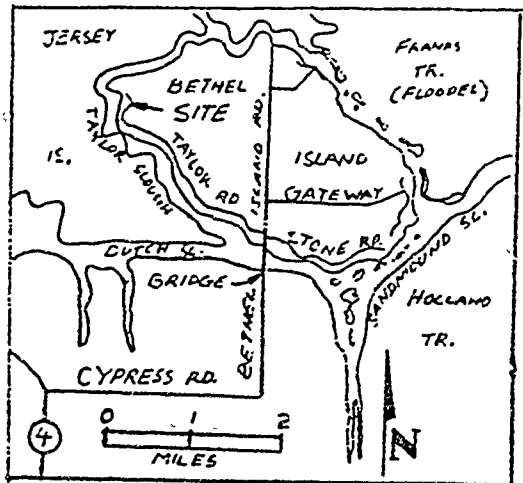
OWNER: RAY & THERESA MEYER, 276 CASTRO ST MTN. VIEW CA. 94040

A.P.N. 028-070-006-B

SEC. 8 TWP. 2N RGE. 3E

DRN. D.C.S. ~ ANERSON ENGR. P.O.B. 427 BETHEL IS. CA. 94511

DATE: MARCH 5, 1991



LOCATION MAP

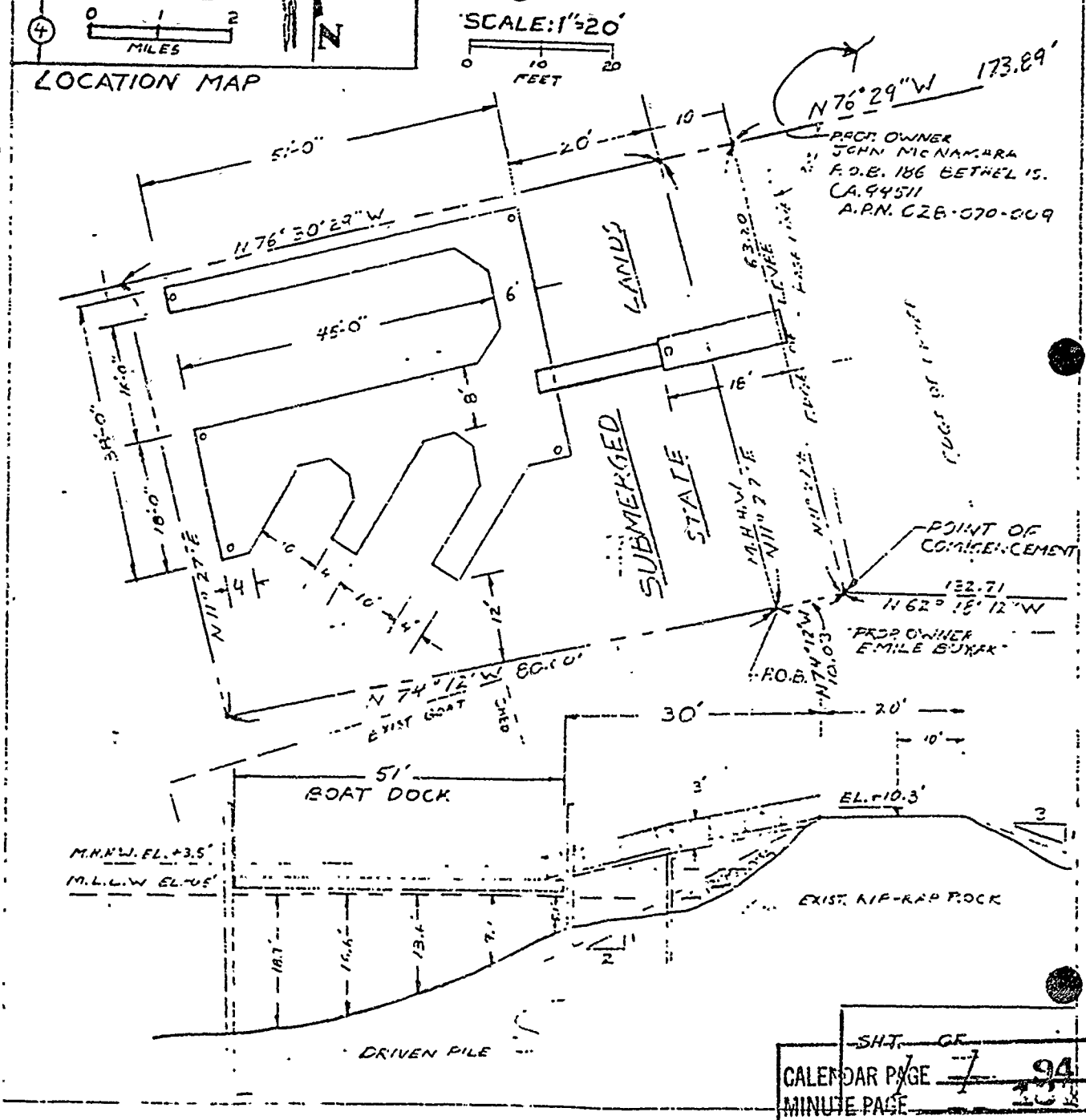


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EXHIBIT "A"
LOCATION MAP
W 24691

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