7. Geologic Hazards

The pilings for the proposed project would be set in 2'6" steel drums filled with concrete which will rest in the lake bed and upon the shore by the retaining wall. The depths of installation will be shallow and should not induce seismic instabilities or ground failures. No impacts are expected.

B. Air

1. Emissions

The pier will be constructed with hand tools. Construction crew will arrive to the project site via existing improved roads on the upland. Some emissions will result from the arrival and departure of construction vehicles to the upland site. This impact will be small and temporary, lasting during the construction of the pier. Emissions may be generated from fuel-powered boats which may use the pier but this will be an ongoing impact to the Donner Lake area.

2. Odors

The construction activity will create some odors from crew vehicles arriving to and leaving the project site. This impact will not be significant and will be temporary, lasting until construction is completed. Use of the pier may create some odors as fuel-powered boats arrive and leave the pier site. This impact will be minimal.

C. Water

1. Currents

The proposed pier would be constructed with an open piling design. This design will not create a significant impact on currents or water movements.

2. Runoff

The proposed pier would be placed within the body of Donner Lake. It will not affect existing surface water drainage patterns.

3. Flood Waters

The proposed pier would be placed within the body of Donner Lake. It will not affect flood waters from streamflows.

4. Surface Water

The proposed pier would be placed within the body of Donner Lake. The pilings will not affect the surface water volume of Donner Lake.

5. Turbidity

The proposed pier would be constructed on the dry lake bed when water levels are at their lowest, and as indicated by the Department of Fish and Game. Turbidity may arise from disturbed sediments settling as the lake water rises. Some sediments may be disturbed from boat movements at the pier. These impacts should be minimal.

6. Ground Water Flows

The proposed pier will be set at relatively shallow depths. They should not affect ground water flows.

7. Ground Water Quantity

The proposed pier will be set at relatively shallow depths and would not serve as water acquisition facilities. It should not affect ground water supplies.

8. Water Supplies

The proposed pier would not serve as water acquisition facilities. It should not affect water supplies.

9. Flooding

The cumulative volume of the pier pilings would not induce flooding. The structure would not interfere with water movements to induce flooding.

10. Thermal Springs

There are no known thermal springs within the vicinity of this project. There should be no impact upon any thermal springs.

D. Plant Life

1. Species Diversity

Introduction of the structure could furnish a 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 currently. A rock retaining wall exists between the upland property and normal lake levels. Small amounts of seasonal grasses grow along the retaining wall. Some disturbance to these grasses may occur during the placement of posts and concrete footings to the shore area. No other plant life would be impacted.

2. Endangered Species

No unique, rare or endangered species of plants would be impacted as none have been identified for the Donner Lake area.

3. Introduction of Plants

This proposal does not include landscaping which would introduce new plants to the project site.

4. Agricultural Crops

The proposed pier would be located in Donner Lake. No agriculture or aquaculture are carried out in this area. There would be no impact.

E. Animal Life

1. Species Diversity

The proposed pier pilings and concrete footings could affect access to the lake bottom by burrowing organisms. This would not be a new impact as other piers exist within the vicinity to the east of the project site. The construction activity would occur on the dry lake bed when water levels within the lake are at their lowest. The pier is proposed to be constructed in an area east of an identified shoreline fishing area. The use of this pier may cause fish dispersal during the use of boats arriving and leaving the pier; however, recreational use of the pier should not cause fish mortality.

2. Rare Species

No impacts to rare species of animals is anticipated as none have been identified for the Donner Lake area.

3. New Species

The proposed pier construction will introduce fish feeding habitat to this site. The impact will be minimal. No new animal species would be introduced as a result of this project.

4. Habitat Deterioration

The proposed project involves construction of a new recreational pier at the site. This project would be constructed on the dry lake bed when water levels of the lake are at their lowest. No impact to animal habitat is anticipated from construction. During the use of fuel-powered boats at the proposed pier site, fish would disperse; however, there should be no significant impact to water quality that would affect fish habitat over the long term resulting from this project.

F. Noise

1. Increases

The construction of the proposed pier would involve a period of moderate noise levels. Noise from work crew vehicles arriving and leaving the site will occur at the beginning and ending of work days. Use of the pier by motorized boats would also cause a temporary increase in noise levels. These occurrences would be brief and minimal.

2. Severe Noise

No severe noise levels are anticipated from the proposed construction and placement of the proposed pier.

G. Light and Glare

1. The proposed project would be constructed during daylight hours. No lighting for construction activity would occur. No navigational lighting on the pier is proposed. No reflections or glare would be created from the proposed finished surfaces. No light or glare impacts are anticipated.

H. Land Use

1. The land use designations for Donner Lake are primarily residential with some commercial and open space zoning areas. The proposed project site is located in an area zoned residential use and is consistent with that land use classification.

I. Natural Resources

1. Increase in Use

The proposed pier construction and use would not propose consumptive uses of natural resources.

2. Depletion of any Nonrenewable Resources

The proposed pier construction would not increase resource depletion or loss of non-renewable resources. The pier would be used only for private recreational purposes.

J. Risk of Upset

1. Risk of Explosion

Explosion of fuel could occur during operation of motorized boats at the proposed pier site. This possibility would be remote. The proposed construction of the project would not include the use or storage of hazardous substances. No impacts are anticipated.

2. Emergency Response Plan

The proposed project would not interfere with any emergency response plan, as it is proposed to be constructed in the shorezone of Donner Lake, and will not extend an unusual distance out into the body of the lake.

K. Population

1. The proposed project would not include residential development or commercial facilities which would affect the alteration or distribution, density or growth rate of the population of the area.

L. Housing

1. A single-family dwelling exists on the immediate upland lot from the proposed project site. Other dwellings exist along the shoreline of Donner Lake within this area. This project would not create a demand for additional housing.

M. Transportation/Circulation

1. Vehicular Movement

The construction of the proposed pier may cause a minor additional amount of traffic as the construction crew arrives and leaves the project site. This impact would be insignificant and temporary. The proposed pier is intended for applicant's use. A single-family dwelling exists on the immediate upland lot which provides for parking for the dwelling. No new vehicular traffic would result from the use of the proposed pier.

2. Parking

Refer to M.1., above.

3. Transportation Systems

The proposed project would not create new impacts on existing or future transportation systems for this area. The proposed pier is not for commercial use.

4. Circulation

The proposed pier would be located toward the northwest end of Donner Lake, within 100 feet to the west of an existing pier with a gazebo. The nearest waterward facility to the west would be approximately 260 feet where a seasonal swim line is placed by the Truckee Donner Park and Recreation District to delineate a public swimming area. A speed limit buoy exists within a short distance from the shore in this area to protect the public swim area, and to reduce interference with topline trollers who fish the extreme northwest corner of the lake. The shoreline fishing area is immediately east and adjacent to the Truckee-Donner Park and Recreation District swim area, and approximately 200 feet to the west of the proposed project.

Existing trollers must avoid the existing pier and gazebo located approximately 100 feet to the east of the proposed project site. Construction and placement of the proposed pier may have a small impact on existing navigational uses of the shoreline; however, this impact is considered to be insignificant.

Semi-annually, the Truckee-Donner Recreation District hosts a public swimathon which begins at the west end of the lake and ends at the east end of the lake. These two events attract large numbers of the public which would utilize the shallow areas adjacent to the shore for swimming. Inexperienced swimmers using the shallow water areas of the shoreline would be affected by the proposed pier and would need to swim around it. This pier would add to the cumulative impact of piers which exist along the shoreline of Donner Lake to swimmers during this event, but would not be a new impact.

5. Traffic

The proposed pier would affect boat traffic, driving it waterward to avoid collision with the structure. Waterskiing must be conducted out into the water beyond the speed limit buoy, so there would be no affect to waterskiing. Topline trolling must avoid the existing pier with gazebo, located approximately 100 feet to the east of the proposed project. This impact is considered to be insignificant.

6. Traffic Hazards

This proposed project would not include any development which would affect existing roadways, bike lanes, or pedestrian walkways.

N. Public Services

1. This proposed project would not increase the existing need for fire protective services for this area.

2. This proposed project would not increase the existing need for police protective services for this area.

3. This proposed project would not include a residential structure or multi-dwelling unit which would create a demand for new schools.

4. The proposed project is located approximately 260' east of the Truckee-Donner Recreation District's public day use area. A 5 mph speed limit buoy is located with the waterway and to the west of this project. The proposed dock is for private recreational use of the applicant and would not generate significant boating traffic. The construction and use of this proposed dock would not have a significant impact on the public use area.

Q. Human Health

1. Health hazard

This project would not directly create any health hazard to the public.

2. Exposure of people to health hazards

Swimmers use the shoreline of Donner Lake for a semi-annual swim event which begins on the west end of the lake and ends on the east end of the lake. This pier would add to the effect which all existing piers along the shoreline have on swimmers for this event.

R. Aesthetics

1. The proposed pier will be located approximately 100 feet west of an existing pier. The nearest waterward facility west of the proposed pier would be the Truckee Donner Recreation District swim area, located approximately 260 feet in distance. There are numerous recreational piers farther to the east of the proposed structure and around the shoreline of Donner Lake. The material composition of the proposed dock is of wood material, and the design is an 8' x 32' dock.

S. Recreation

1. Seasonal recreational opportunities within Donner Lake include swimming, tube and mattress floating, boating, windsurfing, jetskiing, fishing and sunbathing. The uses of the shore within the area of the proposed project would be trolling, windsurfing, and tube and mattress floating. There are three known public access areas on the lake. In addition, the Department of Fish and Game periodically stock the lake with fish to enhance angling opportunities. The proposed construction and use of this pier would not have a significant impact on these uses, as these opportunities are available throughout many areas of the lake.

T. Cultural Resources

1. Archaeological site

A cultural resources information search was conducted by the County for the subdivision of the upland parcel, which indicated no cultural resources were identified. There would be no impact to cultural resources resulting from the proposed project.

2. Historic Buildings

The proposed project involves the construction and use of a private recreational pier to be placed within the body of the lake. This project would not affect any prehistoric structures or objects.

3. Ethnic Cultural Values

Refer to T.1., above.

4. Religious/Sacred Uses

Refer to T.1., above.

U. Mandatory Findings of Significance

1. Degrade the Quality of the Environment

The proposed project by itself would not significantly affect fish, wildlife or plants, as discussed in the impact categories above.

2. Short-Term Vs. Long-Term Environmental Goals

This project would cumulatively contribute to the shoreline density of this lake. However, the size and shape of the proposed pier within this segment of the shoreline of Donner Lake would not have a significant aesthetic impact. The applicant is not seeking to build the entire length of available shoreline frontage. In addition, Nevada County has taken steps to require the public to obtain regulatory permits for extended seasonal mooring of boats in Donner Lake. This proposed project would not jeopardize long-term goals of protecting the environmental integrity of Donner Lake.

3. Cumulative

Refer to response T.2, above.

4. Adverse Effects on Human Beings

The proposed project would be located in a navigational area which is identified for significantly-reduced boating speeds. An established public use area exists farther to the west of this project which contains a floating swim line delineating the extent of the public swim area. Boating access to and from the pier would be directed to and from the east. This proposed project would be compatible with existing recreational uses of Donner Lake.

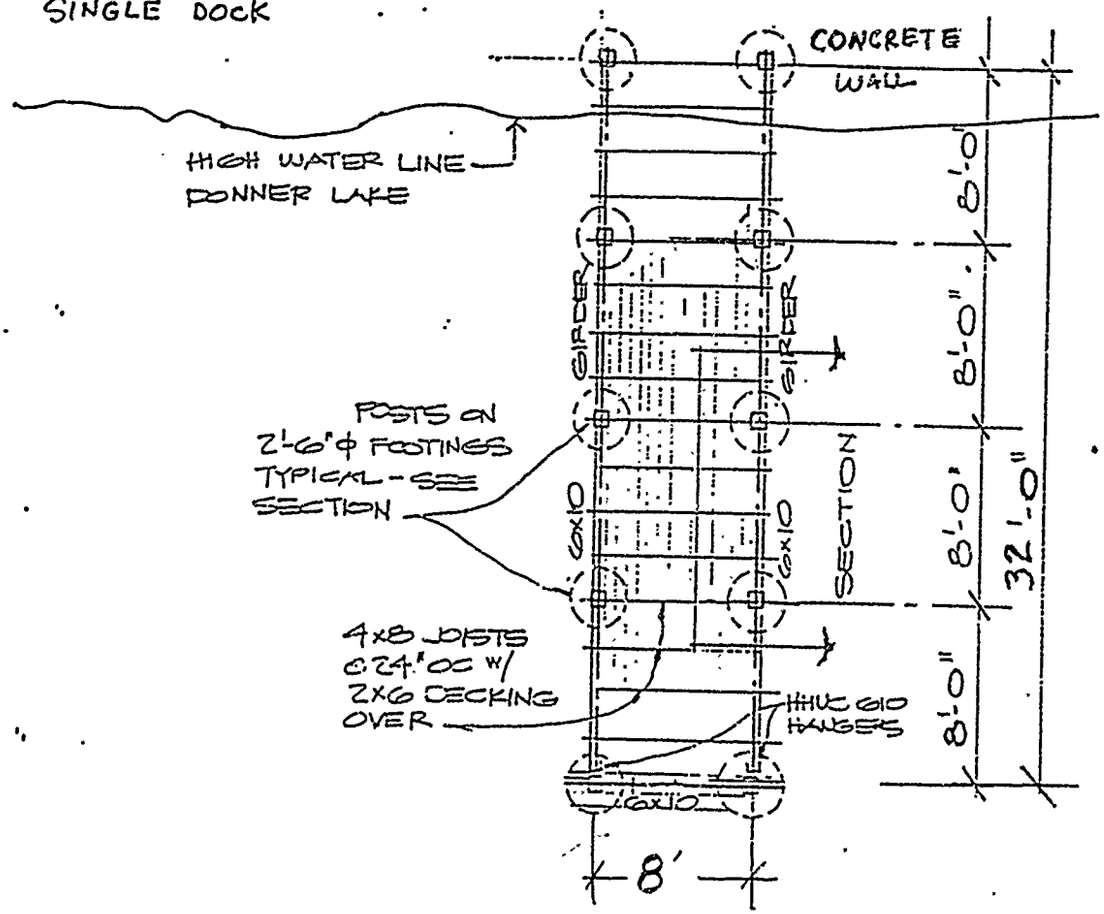
robert e. crippen, architect

New DOCK for
JOHN McAMIS
Lot 4 DONNER LAKESIDE LANDING, Donner Lake
Nevada County, CA.

james r. crippen, architect

Aug 1991
Sheet 1 of 5

PORTION OF PARCEL 17-160-12
SINGLE DOCK



NORTH

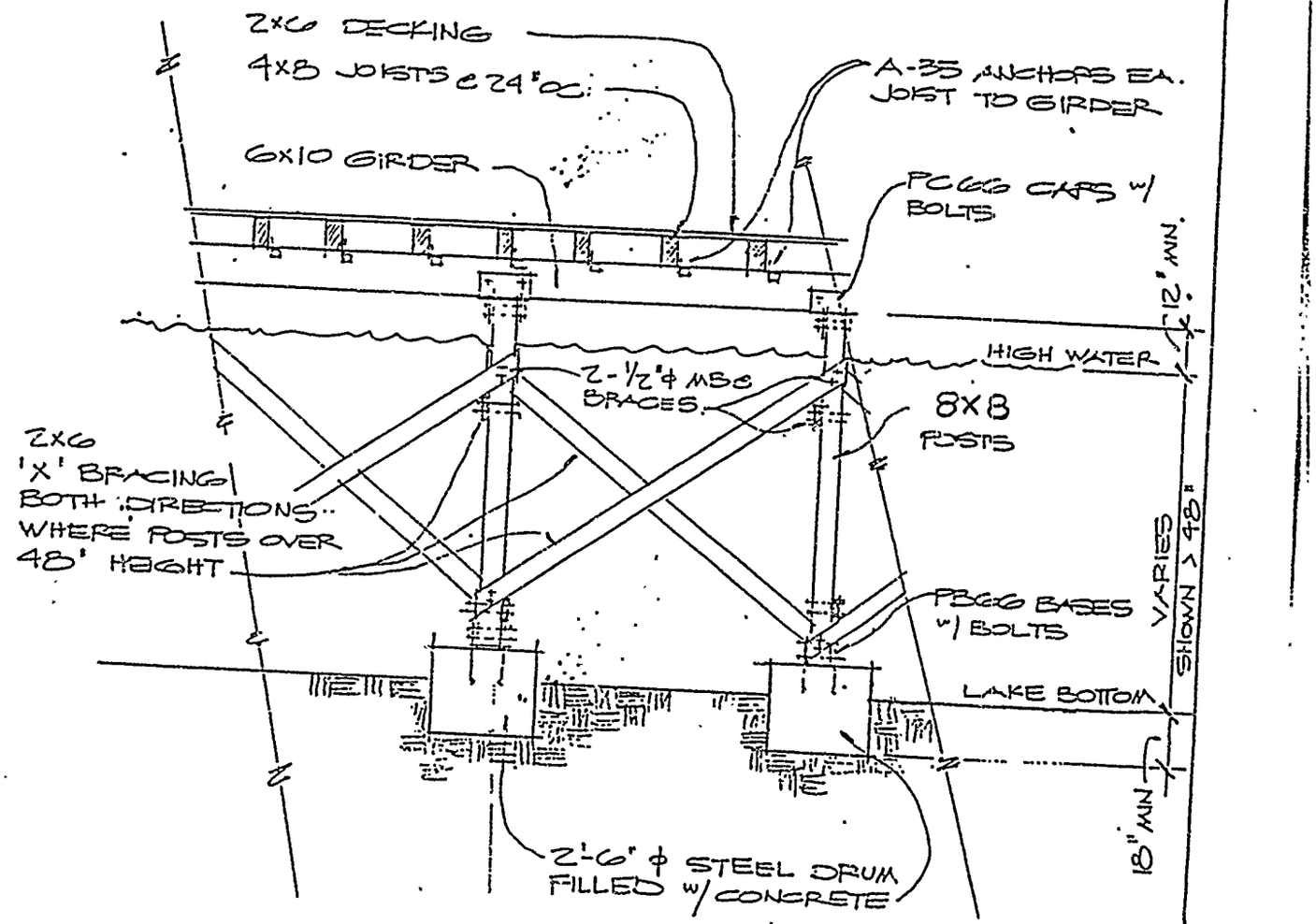
PLAN

p.o. box 8095 • truckee, california 95737 • phone (916)-587-4494

CALENDAR PAGE 220
MINUTE PAGE 837

Nevada County, Ca

Sheet 1 of



STATE OF CALIFORNIA GEORGE DEUKMEJIAN, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LAHONTAN REGION
2092 LAKE TAHOE BOULEVARD
P.O. BOX 9428
SOUTH LAKE TAHOE, CALIFORNIA 95731-2428
(916) 544-3481

April 19, 1990

John and Renee McAmis
390 Honey Run Road
Chico, CA 95928

Dear Mr. & Mrs. McAmis:

REINSTATEMENT OF THE GENERAL WAIVER OF REPORT OF WASTE DISCHARGE FOR PIER CONSTRUCTION FOR A PROPOSED PIER IN DONNER LAKE, 15837 LAKESIDE LANDING -- NEVADA COUNTY APN 17-160-12

On March 28, 1990 we revoked a General Waiver of Report of Waste Discharge for pier construction based on the following two reasons:

1. You did not submit any information that demonstrated the use of Best Management Practices during construction to keep suspended earthen materials out of Donner Lake.

2. You proposed to use preservatives on submerged pier members.

Since the above two items would have adversely impacted the water quality of Donner Lake, the general pier waiver was revoked.

On April 2, 1990 you wrote us a letter stating the following:

1. "(The) proposed pier construction will take place when Donner Lake is at its' lowest level. There will be no construction or construction activity in the lake water."

2. "No treated material will be used that might come in contact with lake water."

Based on the information submitted in your April 2, 1990 letter, the pier project appears to comply with our general pier waiver and that waiver is reinstated for your project.

If you have any questions, please contact Kevin Kratzke, Water Resource Control Engineer, or Ranny Eckstrom, Senior Water Resource Control Engineer at this office.

Sincerely,

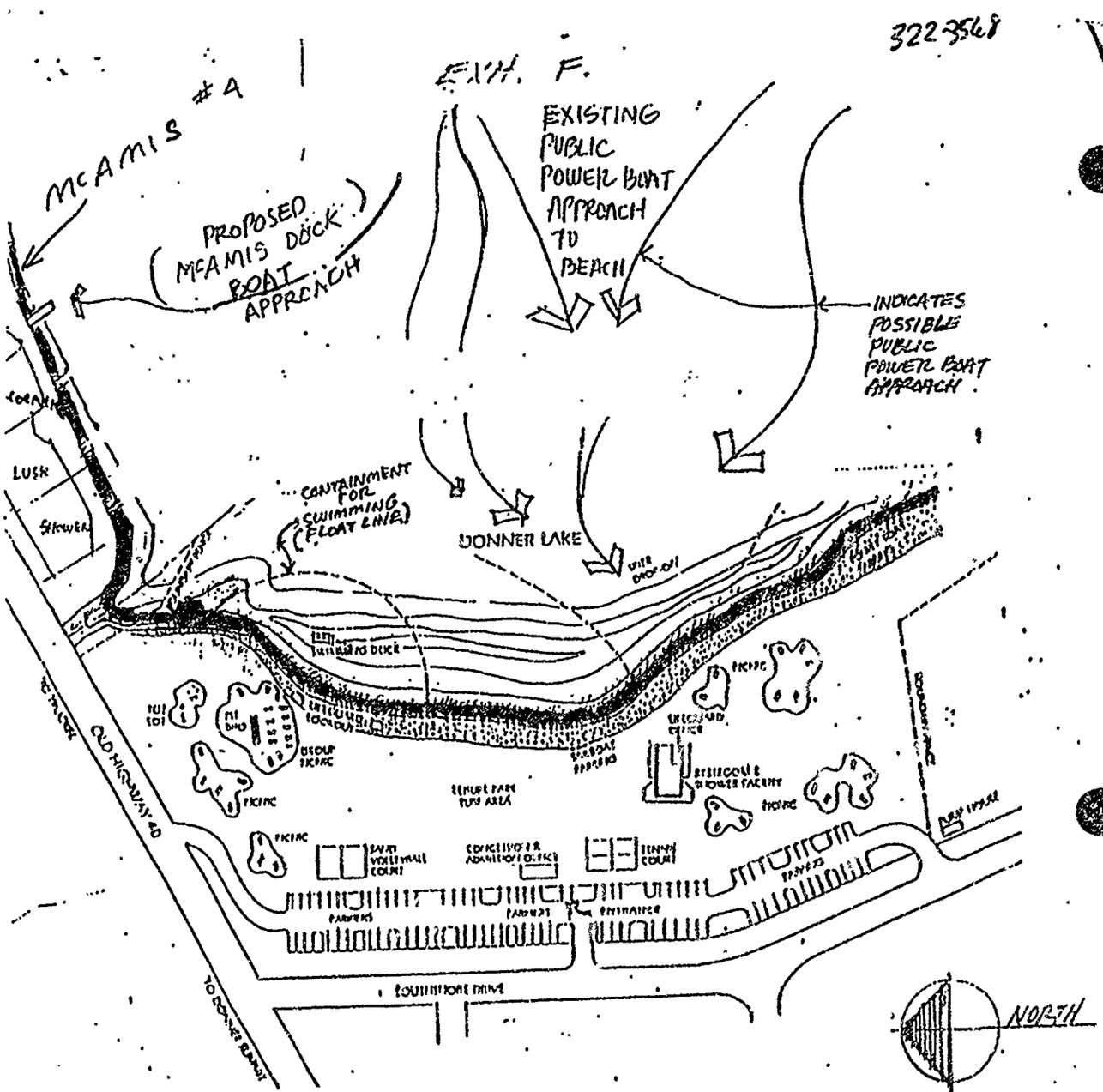
Harold J. Singer

HAROLD J. SINGER
EXECUTIVE OFFICER

cc: California Department of Fish & Game/Region 2
U.S. Army Corps of Engineers/Sacramento
Nevada County Planning Department/Tom Parillo
State Lands Commission/Judy Ludlow

KEK/sh

322-3561



Nestled along the west shore of Donner Lake, this 10 acre beach facility offers excellent picnic and barbeque areas for the family or large groups. The swim area at the beach is supervised by well-trained and accredited lifeguards.

(MAP OF BEACH AREA FACILITIES IS FROM THE TRUCKEE-DONNER REC. & PARK DISTRICT.)

McAMIS

SCALE IS APPROXIMATE... FOR ILLUSTRATIVE PURPOSES ONLY