



WASHINGTON DEPARTMENT
OF FISH AND WILDLIFE
**FINAL DETERMINATION OF
NON-SIGNIFICANCE**

9/9/94ci

STATE OF WASHINGTON
DEPARTMENT OF FISH AND WILDLIFE
Temporary Address: 600 Capitol Way N, Olympia, Washington 98501-1091 - (206) 753-5700

DETERMINATION OF NONSIGNIFICANCE

Name of Proposal: SOUTH SOUND NET PEN FACILITY FLOATS

Description of Proposal: Replace the existing 113' by 329' wooden net pen structure and anchor system with a new metal structure 95' by 350' including new anchoring system.

Proponent: Washington Department of Fish and Wildlife

Location of Proposal, including street, if any:

Peale Passage, Mason County

SW¼ of Section 23, Township 20 North, Range 2 West, WM

Lead Agency: Washington Department of Fish and Wildlife

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of the completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

This DNS is issued under 197-11-340(2); the lead agency will not act on this proposal for 15 days from the date below.
Comments must be submitted by: **9/8/94**

Responsible Official: Gordon Zillges **Phone:** (206) 902-2528

Position/Title: Regulatory Services Division Manager

Address: 600 Capitol Way North, Olympia, WA 98501

DATE: August 23, 1994 **SIGNATURE:**

Crista Isten



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

P.O. Box 47600 • Olympia, Washington 98504-7600 • (206) 407-6000 • TDD Only (Hearing Impaired) (206) 407-6006

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HABITAT MGMT.

September 6, 1994

Mr. Gordon Zillges
Dept of Fish & Wildlife
600 Capitol Way North
Olympia WA 98501-1091

Dear Mr. Zillges:

Thank you for the opportunity to comment on the determination of nonsignificance for the replacement of an existing wooden net pen structure and anchor system with a new metal structure, on Peale Passage. We reviewed the environmental checklist and have the following comments.

A National Pollutant Discharge Elimination System (NPDES) waste discharge permit is required for this facility if production levels will exceed 20,000 pounds of fish per year and 5,000 pounds of fish food is fed during a calendar month of maximum feeding. Please refer to 40 CFR 122.24.

If you have any questions, please call Mr. Bill Ward with our Water Quality Program at (206) 407-6427.

Sincerely,

A handwritten signature in cursive script, reading "Rebecca J. Inman".

Rebecca J. Inman
Environmental Review Section

RI:
94-6599

cc: Bill Ward, WQ

A. BACKGROUND

1. **Name of proposed project, if applicable:** Replacement of net pen floats and anchors at the South Sound net pen facility in Peale Passage.
2. **Name of applicant:**
Washington Department of Fish and Wildlife
3. **Address and phone number of applicant and contact person:**
600 Capitol Way N, Olympia, Washington 98501-1091
Contact: Hal Michael/Phone # 902-2659
4. **Date checklist prepared:** August 15, 1994
5. **Agency requesting checklist:**
Washington Department of Fish and Wildlife
6. **Proposed timing or schedule (including phasing, if applicable):** Begun on September 6, 1994, completed as soon as possible following.
7. **Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal?** If yes, explain. No.
8. **List any environmental information you know about that has been prepared, or will be prepared directly related to this proposal.** None
9. **Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal?** If yes, explain. Yes, there is a proposal to construct an upland support facility presently in the permitting process.
10. **List any government approvals or permits that will be needed for your proposal, if known.** Shorelines Permit exemption from Mason County, Corps Permit Exemption from USACE, HPA from WDFW, Building permit from Mason County.
11. **Give brief, complete description of your proposal, including the proposed uses and the size of the project and site.** There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) Replace the existing 113' by 329' wooden net pen structure and anchor system with a new metal structure 95' by 350', including new anchoring system.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Peale Passage, SW 1/4 of Sec 23, T20N R2W.

TO BE COMPLETED BY APPLICANT

Evaluation FOR
Agency USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (circle one): Flat, rolling hilly, steep slopes, mountainous, other- marine waters of Peale Passage
- b. What is the steepest slope on the site (approximate percent slope)? Approximately 0%
- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. Bottom consists of muck on top of gravel.
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. NO
- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.
NA
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. No.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? Essentially 0%
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: NA

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known. Boat motor exhaust.
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. NO
- c. Proposed measures to reduce or control emissions or other impacts to air, if any: Equipment use will be held to a minimum.

3. Water

a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. Peale Passage.
- 2) Will the project require any work over, in or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. Yes, see attached plans.
- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. NA
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. No.
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. No.
- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. No.

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known. No.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage;; industrial, containing the following chemicals. . . .;agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served if applicable), or the number of animals or humans the system(s) are expected to serve. NA

c. Water Runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities,if known). Where will this water flow? Will this water flow into other waters? If so, describe. NA.
- 2) Could waste materials enter ground or surface waters? If so, generally describe. No, normal construction procedures will prevent waste materials from entering ground or surface waters.

- d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: NA.

4. Plants

- a. Check or circle types of vegetation found on the site:

— deciduous tree: alder, maple, aspen, other willow
— evergreen tree: fir, cedar, pine, other
— shrubs
— grass
— pasture
— crop or grain
— wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
— water plants: water lily, eelgrass, milfoil, other
x other types of vegetation: algae

- b. What kind and amount of vegetation will be removed or altered? None.
- c. List threatened or endangered species known to be on or near the site. None known.
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: Natural revegetation by any algae disturbed during removal/installation.

5. Animals

- a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other: waterfowl . . .
mammals: deer, bear, elk, beaver, other: marine mammals such as seal and sea lion.
fish: bass, salmon, trout, herring, shellfish, other: . . .

- b. List any threatened or endangered species known to be on or near the site. Bald Eagles use Peale Passage as a hunting territory.
- c. Is the site part of a migration route? If so, explain. Yes. Fish migrate in the river, waterbirds use Peale Passage.
- d. Proposed measures to preserve or enhance wildlife, if any:
The project is maintenance of an ongoing enhancement project which currently provides fish for consumptive harvest in chinook and coho salmon fisheries. In addition, the complies serves as a site for holding captive broodstock of the depressed White River Spring Chinook salmon.

6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. Gasoline and diesel fuel for boat transportation to the site to care for fish.
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. NO.
- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: None.

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. A petroleum spill.
- 1) Describe special emergency services that might be required. Medical Evacuation/Spill Response.
- 2) Proposed measures to reduce or control environmental health hazards, if any: Abide by health and safety standards.

b. Noise

- 1) What type of noise exists in the area which may affect your project (for example: traffic, equipment operation, other)? NONE
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would be from the site. Noise from boats supporting work. Hours: 8AM-6PM.
- 3) Proposed measures to reduce or control noise impacts, if any: Keep equipment use to a minimum.

8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties? Indian reservation.
- b. Has the site been used for agriculture? If so, describe. No.
- c. Describe any structures on the site. An existing, operational net pen complex.
- d. Will any structures be demolished? If so, what? Yes, the existing net pen complex.
- e. What is the current zoning classification of the site? N/A
- f. What is the current comprehensive plan designation of the site? Rural
- g. If applicable, what is the current shoreline master program designation of the site? Rural
- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. Yes. PER MASON CO SMP.
- i. Approximately how many people would reside or work in the completed project? variable, up to ten at critical fish transfer times; generally two or three.
- j. Approximately how many people would the completed project displace? NONE
- k. Proposed measures to avoid or reduce displacement impacts, if any: No impacts expected.
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: Proposal enhances efficiency in use of site.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. N.A.,
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle or low-income housing. N.A.
- c. Proposed measures to reduce or control housing impacts, if any: N.A.

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas: what is the principal exterior material(s) proposed? approximately 3' height for metal floats.
- b. What views in the immediate vicinity would be altered or obstructed? NONE
- c. Proposed measures to reduce or control aesthetic impacts, if any: NONE

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? NONE
- b. Could light or glare from the finished product be a safety hazard or interfere with views? NO
- c. What existing off-site sources of light or glare may affect your proposal? NONE
- d. Proposed measures to reduce or control light and glare impacts, if any: No impacts expected.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? Informal wildlife viewing and sport fishing.
- b. Would the proposed project displace any existing recreational uses? If so, describe. NO
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: Project will result in increased salmon populations; this will enhance fishing and wildlife viewing opportunities.

13. Historic and Cultural Preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next the site? If so, generally describe. NO
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. NONE
- c. Proposed measures to reduce or control impacts, if any: NONE

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on-site plans, if any. Project will be accessed over water from establish boat launch sites.
- b. Is the site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? N.A
- c. How many parking spaces would the completed project have? How many would the project eliminate? NA
- d. Will the proposal require any new roads or streets or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). NO
- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. NO
- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. NONE
- g. Proposed measures to reduce or control transportation impacts, if any: NONE

15. Public Services

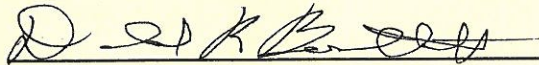
- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. NO
- b. Proposed measures to reduce or control direct impacts on public services, if any. NONE

16. Utilities

- a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone,
sanitary sewer, septic system, other.
- b. Describe the utilities that are proposed for the project, the
utility providing the service, and the general construction
activities on the site or in the immediate vicinity which
might be needed. No new utilities required.
- c. Signature

The above answers are true and complete to the best of my
knowledge. I understand that the lead agency is relying on
them to make its decision.

Signature: _____

A handwritten signature in dark ink, appearing to be "D. J. K. B. O. H.", written over a horizontal line.

Date submitted: August 15, 1994

TO HARTSTENE ISL.
 BRIDGE & PICKERING RD
 (APPROX. 2 MILES)

SQUAXIN ISLAND
 PROPERTY OF SQUAXIN INDIAN NATION

HARTSTENE ISLAND OYSTER CO.
 (SQUAXIN TRIBAL TRUST LAND)

EXISTING NET PENS
 (TO REMAIN)

REMOVE & REPLACE EXISTING
 NET PENS & ANCHOR SYSTEM

EXISTING NET PENS
 (TO REMAIN)

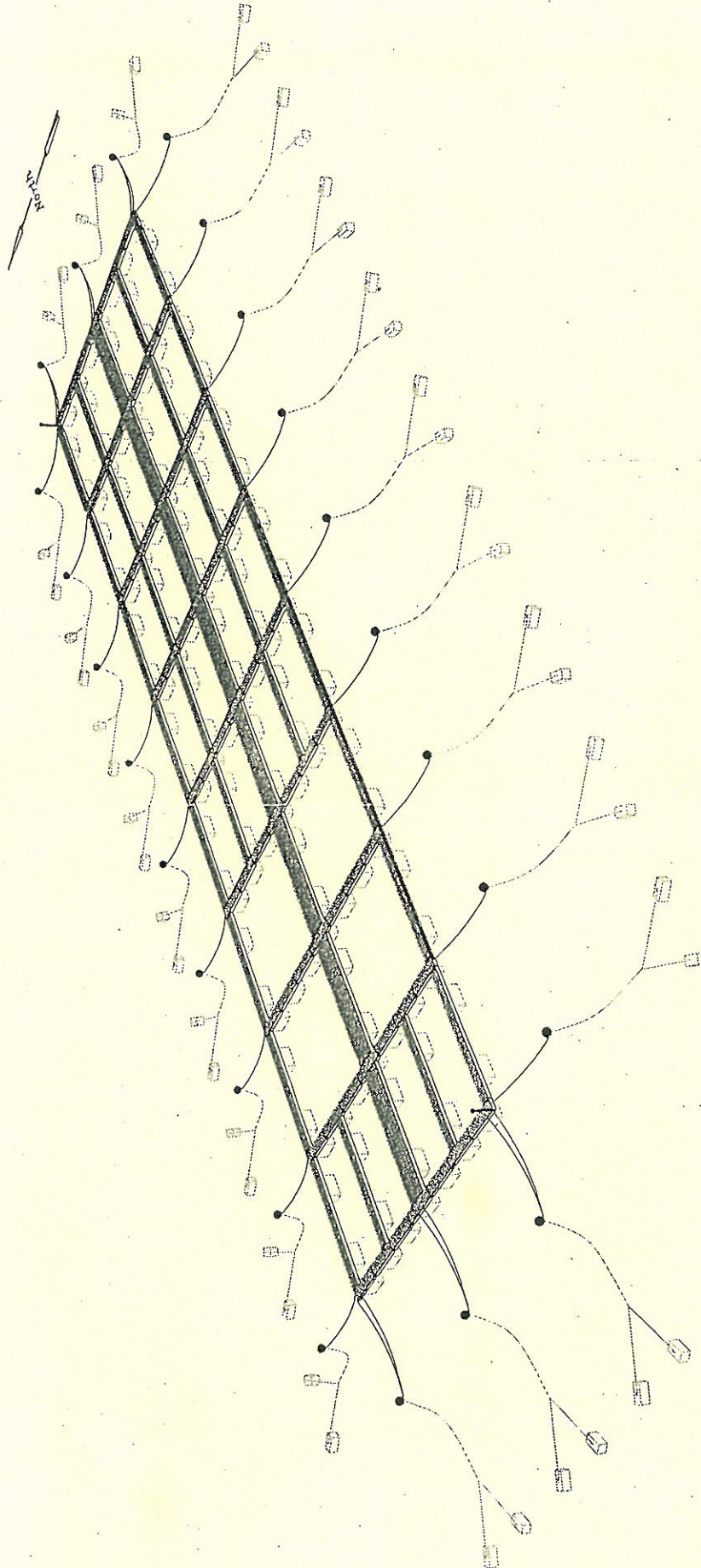
HARTSTENE ISLAND

PEALE PASSAGE

LEGAL DESCRIPTION:
 SW 1/4 SEC.23, T20N, R2W W.M.

SCALE: 1"=1350'

Submitted for construction		REVISION		BY	APPROD
DATE	DATE	STATE OF WASHINGTON DEPARTMENT OF FISHERIES			
DATE 02/21/04		SOUTH SOUND NET PEN REPLACEMENT VICINITY MAP			
CHECKED BY	APPROVED	CHIEF ENGR.			
SCALE	PROJECT NO. 4994-1	SHT. 1 OF 1			



STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE

SOUTH SOUND NET PENS
NET PEN REPLACEMENT

CONCEPTUAL OVERVIEW

DATE 3/30/94

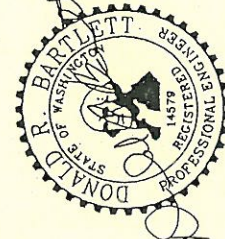
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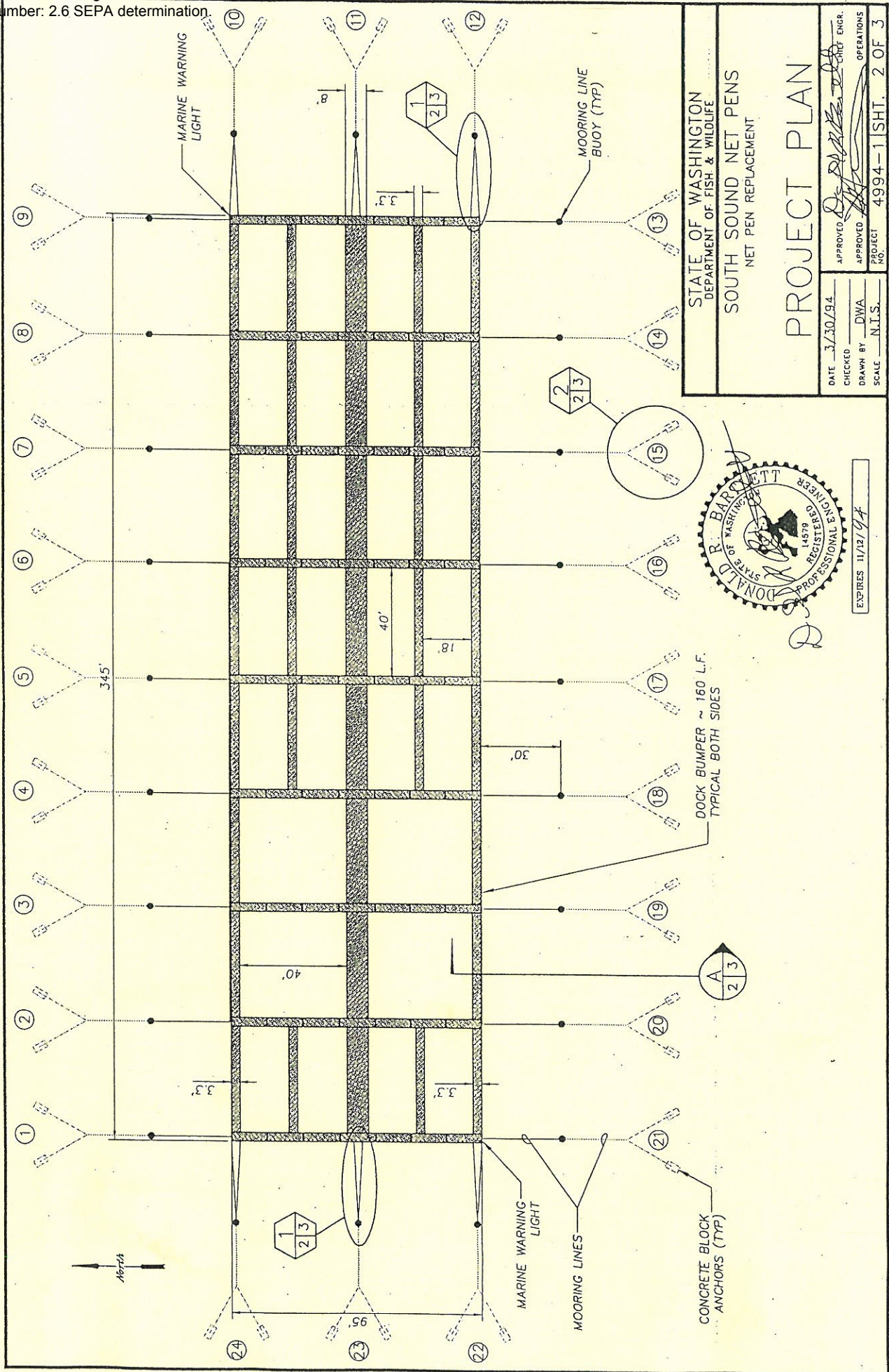
APPROVED [Signature] CHIEF ENGR.

APPROVED [Signature] OPERATIONS

PROJECT 4994-11SHT. 1 OF 3

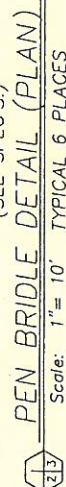


EXPIRES 11/12/94





Scale: 1" = 10'



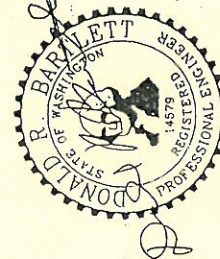
ANCHOR LINE SCHEDULE		
ANCHOR LINE NO.	TOTAL LENGTH TO SLING LINK	LENGTH 1 1/4" POLYPROPYLENE
1 THRU 21	128'	88'
22 THRU 24	104'	64'

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE

**SOUTH SOUND NET PENS
NET PEN REPLACEMENT**

MOORING DETAILS

DATE <u>4/25/94</u>	APPROVED <u>[Signature]</u> CHILD ENGR.
CHECKED _____	APPROVED <u>[Signature]</u> OPERATIONS
DRAWN BY <u>T WARD</u>	PROJECT <u>4004-1</u> SHT <u>OF 3</u>
SCALE <u>AS SHOWN</u>	



EXPIRES 11/12/04