



2009

WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form [help]



US Army Corps of Engineers Seattle District

AGENCY USE ONLY

Date received:

Agency reference #: 10/9/09

Tax Parcel #(s):

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OCT 15 2009

REGULATORY ASSISTANCE PROGRAM

USE BLACK OR BLUE INK TO ENTER ANSWERS IN WHITE SPACES BELOW.

Part 1-Project Identification

Unique project information that makes it easy to identify. [help]

1a. Unique Project Identifier Number (UPI #) [help]

- Don't have one yet? Get one at <http://www.epermitting.wa.gov> or call the Washington Governor's Office of Regulatory Assistance at (800) 917-0043.

835842-09-01

1b. Project Name (Examples: Smith's Dock or Seabrook Lane Development) [help]

Mooring Buoy

Part 2-Applicant

The person or organization responsible for the project. [help]

2a. Name (Last, First, Middle) and Organization (if applicable)

2b. Mailing Address (Street or PO Box)

2c. City, State, Zip

2d. Phone (1)	2e. Phone (2)	2f. Fax	2g. E-mail

Part 3-Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b. of this application.) [help]

3a. Name (Last, First, Middle) and Organization (if applicable)

3b. Mailing Address (Street or PO Box)

3c. City, State, Zip

3d. Phone (1)	3e. Phone (2)	3f. Fax	3g. E-mail
()	()	()	

Part 4—Property Owner(s) [\[help\]](#)

Contact information for people or organizations owning the property(ies) where the project will occur. [\[help\]](#)

- Same as applicant. (Skip to Part 5.)
- Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- There are multiple property owners. Complete the section below and use [JARPA Attachment A](#) for each additional property owner.

4a. Name (Last, First, Middle) and Organization (if applicable)			
4b. Mailing Address (Street or PO Box)			
4c. City, State, Zip			
4d. Phone (1)	4e. Phone (2)	4f. Fax	4g. E-mail
()	()	()	

Part 5—Project Location(s)

Identifying information about the property or properties where the project will occur. [\[help\]](#)

- There are multiple properties or project locations (e.g., linear projects). Complete the section below and use [JARPA Attachment B](#) for each additional property.

5a. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5n.) [help]			
5b. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
5c. County [help]			
Jefferson			
5d. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
NW ¼	14	25N	2W
5e. Provide the latitude and longitude of the project location. [help]			
• Example: 47.03922 N lat. / -122.89142 W long			
47°39'47.51"N lat. / 122°54'9.86"W long.			
5f. List the tax parcel number(s) for the project location. [help]			
• The local county assessor's office can provide this information.			
5g. Indicate the type of ownership of the property. (Check all that apply.) [help]			
<input type="checkbox"/> State Owned Aquatic Land <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Private			
<input type="checkbox"/> Other publicly owned (federal, state, county, city, special districts like schools, ports, etc.)			

5h. Contact information for all adjoining property owners, lessees, etc. (If you need more space, use JARPA Attachment C.) [\[help\]](#)

Name	Mailing Address	Tax Parcel # (if known)

5i. Is any part of the project area within a 100-year flood plain? [\[help\]](#)

Yes No Don't know

5j. Briefly describe the vegetation and habitat conditions on the property. [\[help\]](#)

At +2 to +10 tides, the cove consists of pea gravel with cultivated oyster beds in south and north corners of cove. At -5 to +2 gradual slope consists of larger rocks and pockets of seaweed.

5k. Describe how the property is currently used. [\[help\]](#)

The property is a recreational home used primarily on weekends.

5l. Describe how the adjacent properties are currently used. [\[help\]](#)

The property directly to the north is a full-time residence owned by an elderly couple and the property to the south is a recreational home used primarily on weekends in the Summer months

5m. Describe the structures (above and below ground) on the property, including their purpose(s). [\[help\]](#)

Single family, two story home built entirely above ground with attached wood decks. No other structures are on site.

5n. Provide driving directions from the closest highway to the project location, and attach a map. [\[help\]](#)

**See attached map with driving directions.*

Mile	Instruction	For
0.0		0.8 mi
0.8		0.6 mi
1.4		

Summary

Driving distance: 1.4 miles

Trip duration: 3 minutes

Part 6-Project Description

6a. Summarize the overall project. You can provide more detail in 6d. [\[help\]](#)

A recreational mooring buoy will be installed adjacent the privately owned property and tidelands at 650 Rhododendron Lane as described in 6d and outlined in detail on the attached maps and plans.

6b. Indicate the project category. (Check all that apply.) [\[help\]](#)

- Commercial Residential Institutional Transportation Recreational
 Maintenance Environmental Enhancement

6c. Indicate the major elements of your project. (Check all that apply.) [\[help\]](#)

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Aquaculture | <input type="checkbox"/> Culvert | <input type="checkbox"/> Float | <input type="checkbox"/> Road |
| <input type="checkbox"/> Bank Stabilization | <input type="checkbox"/> Dam / Weir | <input type="checkbox"/> Geotechnical Survey | <input type="checkbox"/> Scientific Measurement Device |
| <input type="checkbox"/> Boat House | <input type="checkbox"/> Dike / Levee / Jetty | <input type="checkbox"/> Land Clearing | <input type="checkbox"/> Stairs |
| <input type="checkbox"/> Boat Launch | <input type="checkbox"/> Ditch | <input type="checkbox"/> Marina / Moorage | <input type="checkbox"/> Stormwater facility |
| <input type="checkbox"/> Boat Lift | <input type="checkbox"/> Dock / Pier | <input type="checkbox"/> Mining | <input type="checkbox"/> Swimming Pool |
| <input type="checkbox"/> Bridge | <input type="checkbox"/> Dredging | <input type="checkbox"/> Outfall Structure | <input type="checkbox"/> Utility Line |
| <input type="checkbox"/> Bulkhead | <input type="checkbox"/> Fence | <input type="checkbox"/> Piling | |
| <input checked="" type="checkbox"/> Buoy | <input type="checkbox"/> Ferry Terminal | <input type="checkbox"/> Retaining Wall (upland) | |
| <input type="checkbox"/> Channel Modification | <input type="checkbox"/> Fishway | | |

Other: _____

6d. Describe how you plan to construct each project element checked in 6c. Include specific construction methods and equipment to be used. [help]

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year flood plain.

A Double SS 175 Helix anchor system with mooring buoy will be professionally installed by Alpha Marine Installations in accordance with the requirements defined by the Washington State Department of Natural Resources and as outlined in the recreational mooring buoy design and use requirements. See the attached Vicinity Map, Plan View, Elevation Drawing and related maps for visual details.

6e. What are the start and end dates for project construction? (month/year) [help]

- If the project will be constructed in phases or stages, use JARPA Attachment D to list the start and end dates of each phase or stage.

Start date: TBD Sep 2009 End date: Sep 2009 (Same Day) See JARPA Attachment D

6f. Describe the purpose of the work and why you want or need to perform it. [help]

I would like to anchor my boat in front of my private waterfront property. Mooring buoys are the preferred method of anchoring recreational vessels and are non-invasive to the environment compared to docks or pilings. In particular, helix anchoring system disturbs no more than one square inch of marine floor and provides better performance and anchoring safety versus alternatives, such as concrete blocks or other traditional alternatives.

6g. Fair market value of the project, including materials, labor, machine rentals, etc. [help]

\$1000

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6h. Will any portion of the project receive federal funding? [help]

- If yes, list each agency providing funds.

Yes No Don't know

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Part 7--Wetlands: Impacts and Mitigation

Check here if there are wetlands or wetland buffers on or adjacent to the project area.
(If there are none, skip to Part 8.)

7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [help]

Not applicable

7b. Will the project impact wetlands? [\[help\]](#)

Yes No Don't know

7c. Will the project impact wetland buffers? [\[help\]](#)

Yes No Don't know

7d. Has a wetland delineation report been prepared? [\[help\]](#)

- If yes, submit the report, including data sheets, with the JARPA package.

Yes No

7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [\[help\]](#)

- If yes, submit the wetland rating forms and figures with the JARPA package.

Yes No Don't know

7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [\[help\]](#)

- If yes, submit the plan with the JARPA package.

Yes No Not applicable

7g. Use the table below to list the type and rating of each wetland that will be impacted; the extent and duration of the impact; and the type and amount of compensatory mitigation proposed. If you are submitting a compensatory mitigation plan with a similar table, you may simply state (below) where we can find this information in the mitigation plan. [\[help\]](#)

Activity causing impact (fill, drain, excavate, flood, etc.)	Wetland type and rating category ¹	Impact area (sq. ft. or acres)	Duration of impact ²	Proposed mitigation type ³	Wetland mitigation area (sq. ft. or acres)
N/A	N/A	N/A	N/A	N/A	N/A

¹ Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

² Indicate the time (in months or years, as appropriate) the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.

³ Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

Page number(s) for similar information in the mitigation plan, if available: _____

7h. For all filling activities identified in 7g., describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [\[help\]](#)

7i. For all excavating activities identified in 7g., describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [\[help\]](#)

7j. Summarize what the compensatory mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [\[help\]](#)

Part 8–Waterbodies (other than wetlands): Impacts and Mitigation

In Part 8, "waterbodies" refers to non-wetland waterbodies. (See Part 7 for information related to wetlands.) [\[help\]](#)

Check here if there are waterbodies on or adjacent to the project area. (If there are none, skip to Part 9.)

8a. Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment. [\[help\]](#)

Not applicable

The helix anchor system with mid-line floats, as previously described and shown in drawings, will mitigate any impacts to the aquatic environment. It is the preferred method of anchoring mooring buoys and this work will be professionally performed.

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8b. Will your project impact a waterbody or the area around a waterbody? [\[help\]](#)

Yes No

JEFFERSON COUNTY DEC

8c. Summarize impact(s) to each waterbody in the table below. [\[help\]](#)

Activity causing impact (clear, dredge, fill, pile drive, etc.)	Waterbody name	Impact location ¹	Duration of impact ²	Amount of material to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
N/A	N/A	N/A	N/A	N/A	N/A

¹ Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.

² Indicate the time (in months or years, as appropriate) the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.

8d. Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies? [\[help\]](#)

- If yes, submit the plan with the JARPA package.

Yes No Not applicable

8e. Summarize what the compensatory mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.

- If you already completed 7j., you do not need to restate your answer here. [\[help\]](#)

N/A

8f. For all activities identified in 8c., describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [help]

N/A

8g. For all excavating or dredging activities identified in 8c., describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [help]

N/A

Part 9-Additional Information

Any additional information you can provide helps the reviewer(s) understand your project.

9a. If you have already worked with any government agencies on this project, list them below. [help]

Agency Name	Contact Name	Phone	Most Recent Date of Contact
DNR			August 2009
Jefferson County			August 2009
Dept. Fish & Wildlife			July 2009

9b. Are any of the wetlands or waterbodies identified in Part 7 or Part 8 on the Washington Department of Ecology's 303(d) List? [help]

- If yes, list the parameter(s) below.
- If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: <http://www.ecy.wa.gov/programs/wq/303d/>.

Yes No

Per WSDoE database and _____, Water Quality Program
Washington State Department of Ecology,

9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [help]

- Go to <http://cfpub.epa.gov/surf/locate/index.cfm> to help identify the HUC.

17110018

9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help]

- Go to <http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm> to find the WRIA #.

WRIA 16

9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help]

- Go to <http://www.ecy.wa.gov/programs/wq/swqs/criteria.html> for the standards.

Yes No Not applicable

9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help]

- If you don't know, contact the local planning department.
- For more information, go to: http://www.ecy.wa.gov/programs/sea/sma/laws_rules/173-26/211_designations.html.

Rural Urban Natural Aquatic Conservancy Other Shoreline Residential

9g. What is the Washington Department of Natural Resources Water Type? [help]

- Go to http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx for the Forest Practices Water Typing System.

S F Np Ns

9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help]

- If no, provide the name of the manual your project is designed to meet.

Yes No

Name of manual:

9i. If you know what the property was used for in the past, describe below. [help]

N/A

9j. Has a cultural resource (archaeological) survey been performed on the project area? [help]

- If yes, attach it to your JARPA package.

Yes No

9k. Name each species listed under the federal Endangered Species Act that occurs in the vicinity of the project area or might be affected by the proposed work. [help]

N/A

9l. Name each species or habitat on the Washington Department of Fish and Wildlife's Priority Habitats and Species List that might be affected by the proposed work. [help]

N/A

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Part 10—Identify the Permits You Are Applying For

Use the resources and checklist below to identify the permits you are applying for.

- Online Project Questionnaire at <http://apps.ecy.wa.gov/opas/>.
- Governor's Office of Regulatory Assistance at (800) 917-0043 or help@ora.wa.gov.

10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [help]

- For more information about SEPA, go to www.ecy.wa.gov/programs/sea/sepa/e-review.html.

A copy of the SEPA determination or letter of exemption is included with this application.

A SEPA determination is pending with _____ (lead agency). The expected decision date is _____.

I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.)

- Submit the Fish Habitat Enhancement Project form with this application. The form can be found at <http://www.epermitting.wa.gov/Portals/JarpaResourceCenter/images/default/fishenhancement.doc>

This project is exempt (choose type of exemption below).

Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt?

Other: Recreational Mooring Buoy Adjacent Private Tidelands

Jefferson County Code; Permit exemption 18.25.090

SEPA is pre-empted by federal law. [help]

10b. Indicate the permits you are applying for. (Check all that apply.) [help]

LOCAL GOVERNMENT

Local Government Shoreline permits:

Substantial Development Conditional Use Variance

Shoreline Exemption Type (explain): Recreational Mooring Buoy Adjacent Private Tidelands

Jefferson County Code; Permit exemption 18.25.090

Other city/county permits:

Floodplain Development Permit Critical Areas Ordinance

STATE GOVERNMENT

Washington Department of Fish and Wildlife:

Hydraulic Project Approval (HPA) Fish Habitat Enhancement Exemption

Washington Department of Ecology:

Section 401 Water Quality Certification

Washington Department of Natural Resources:

Aquatic Resources Use Authorization

FEDERAL GOVERNMENT

United States Department of the Army permits (U.S. Army Corps of Engineers):

Section 404 (discharges into waters of the U.S.) Section 10 (work in navigable waters)

United States Coast Guard permits:

General Bridge Act Permit Private Aids to Navigation (for non-bridge projects)

Part 11—Authorizing Signatures

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Signatures required before submitting the JARPA package.

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SPRING COUNTY COO

11a. Applicant Signature (required) [help]

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits.

I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. _____ (initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. _____ (initial)

Applicant

12 Aug 2009

Date

11b. Authorized Agent Signature [help]

N/A

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

Authorized Agent

Date

11c. Property Owner Signature (if not applicant) [help]

N/A

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

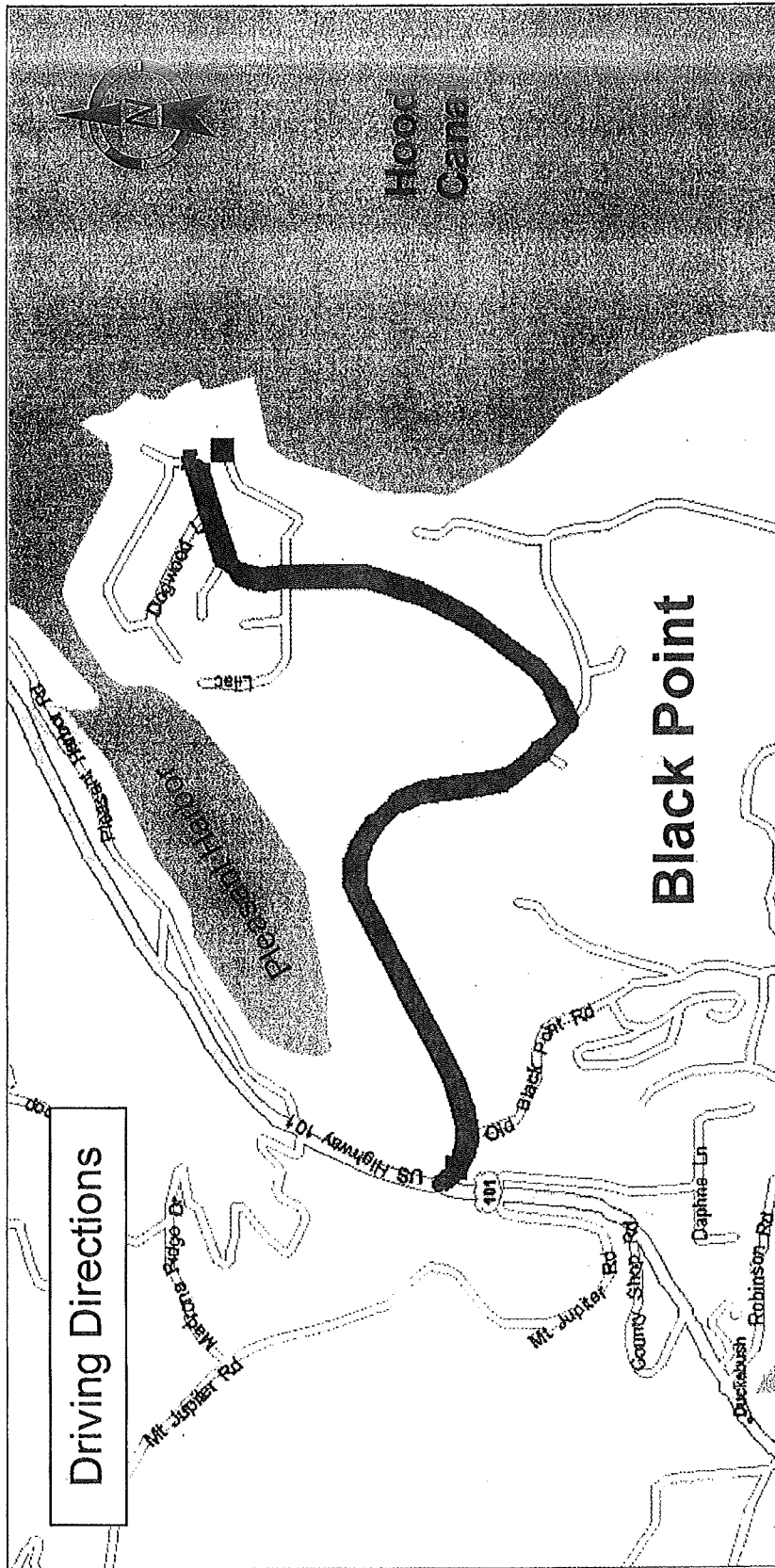
Property Owner

Date

18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact The Governor's Office of Regulatory Assistance (ORA). People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORA publication number: ENV-019-09

Driving Directions



Driving Directions from Highway 101 at Black Point near Brinnon, WA

Mile	Instruction	For
0.0		0.8 mi
0.8		0.6 mi
1.4		

SUMMARY

Driving distance: 1.4 miles
 Trip duration: 3 minutes

Purpose: Mooring Buoy Installation
 Adjacent Property Owners:

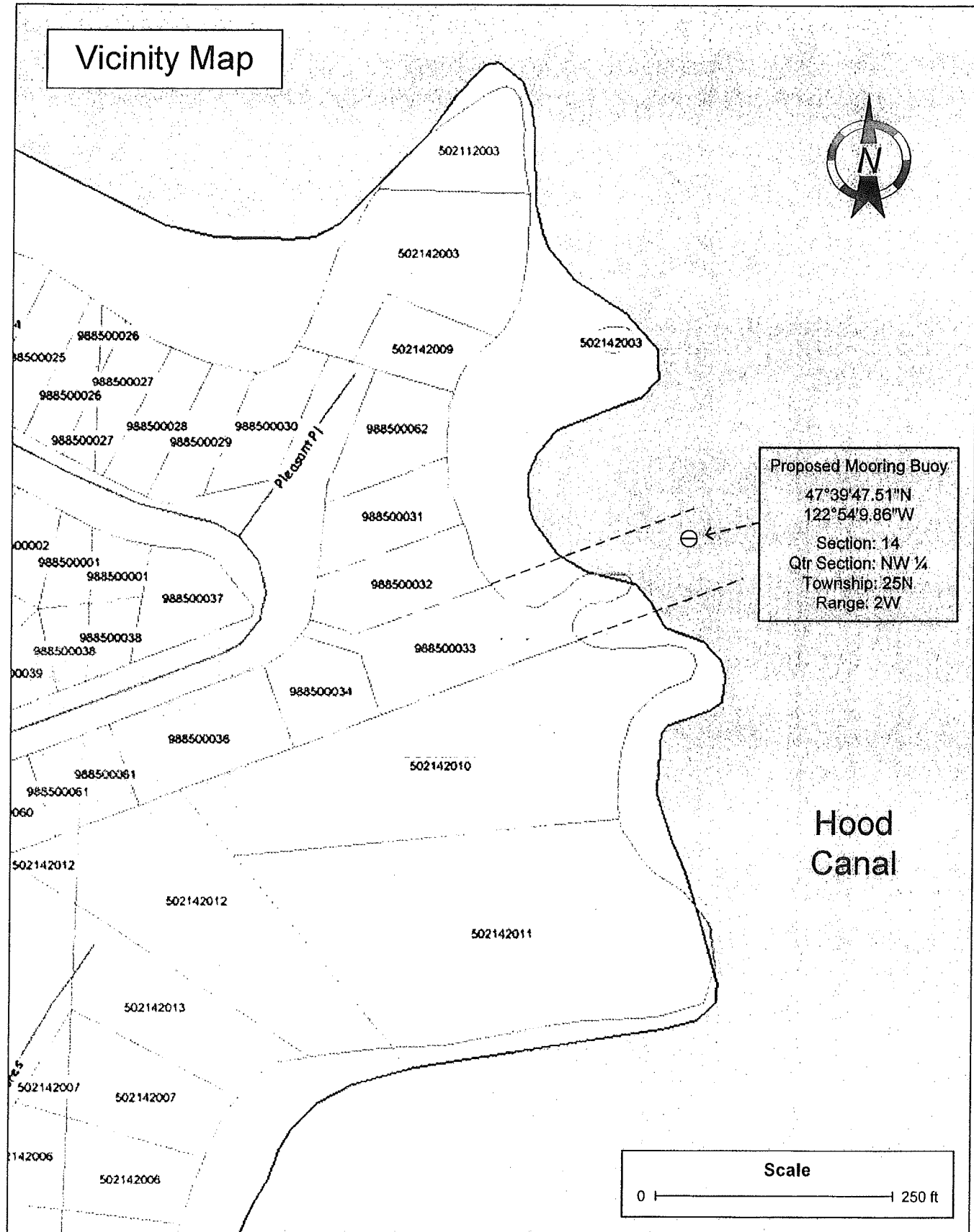
- 1.
- 2.

Name:
 Reference #:
 Site Location Address:

Proposed: Install recreational mooring
 buoy adjacent to private tidelands.

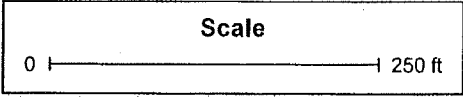
In: Hood Canal
 Near: Brinnon
 County: Jefferson State: WA
 Date: July 2009

Vicinity Map



Proposed Mooring Buoy
 47°39'47.51"N
 122°54'9.86"W
 Section: 14
 Qtr Section: NW ¼
 Township: 25N
 Range: 2W

Hood
 Canal

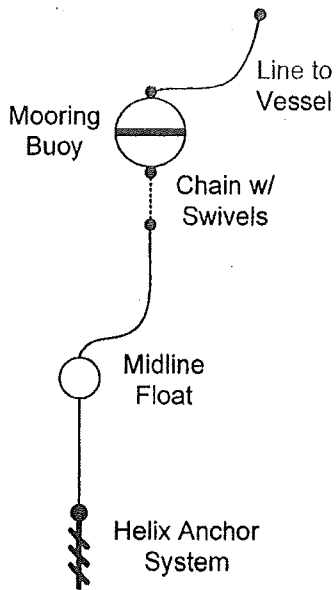


Purpose: Mooring Buoy Installation
 Adjacent Property Owners:
 1.
 2.

Name:
 Reference #:
 Site Location Address:

Proposed: Install recreational mooring
 buoy adjacent to private tidelands.
 In: Hood Canal
 Near: Brinnon
 County: Jefferson State: WA
 Date: July 2009

Helix Anchor Mooring System



Plan View



Proposed Mooring Buoy
 47°39'47.51"N
 122°54'9.86"W
 Section: 14
 Qtr: Section: NW ¼
 Township: 25N
 Range: 2W

502142003

502142003

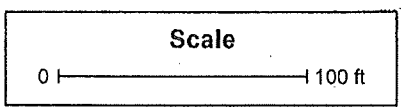
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988500033

034

502142010

Hood Canal

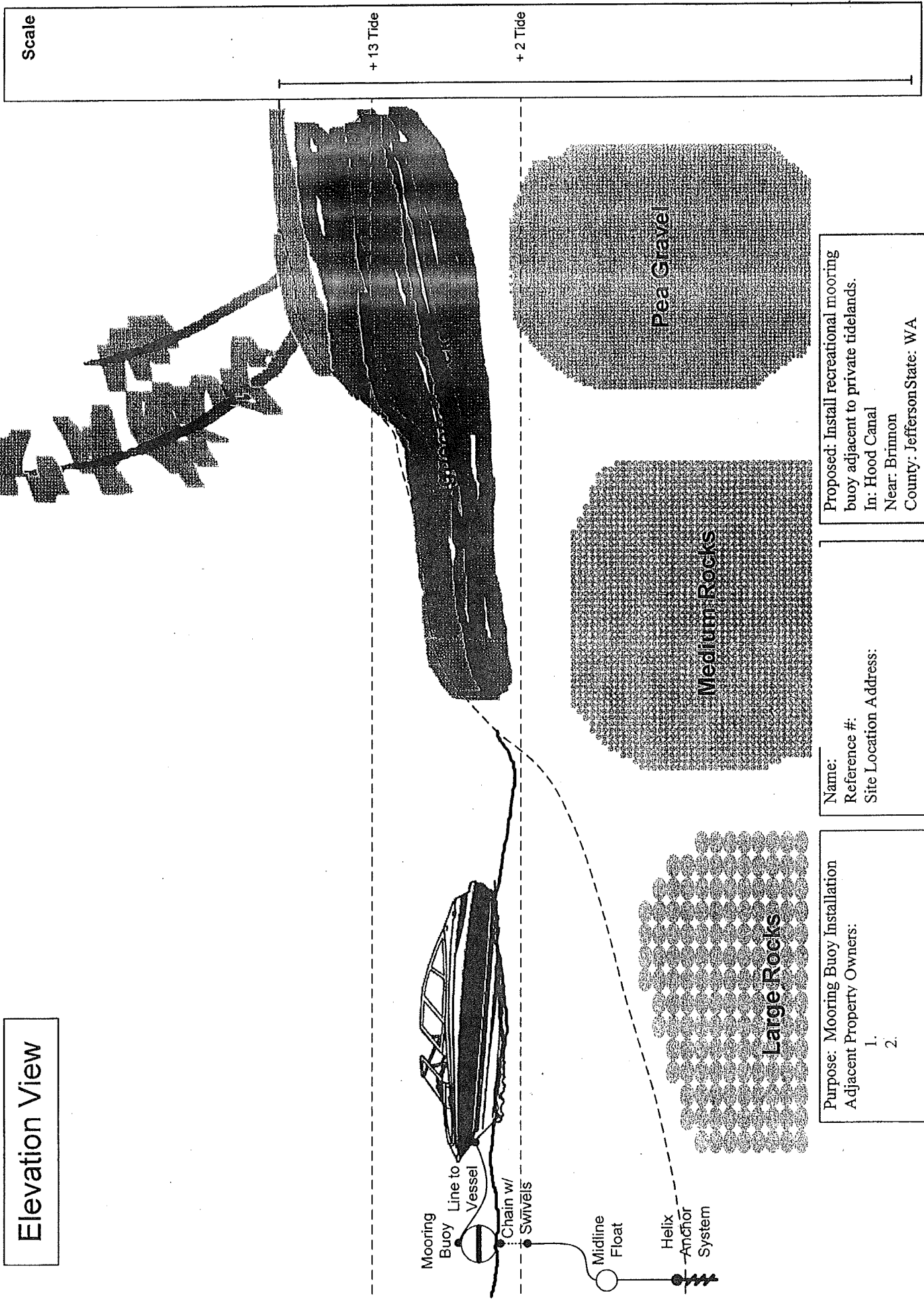


Purpose: Mooring Buoy Installation
Adjacent Property Owners:
 1. .
 2.

Name:
Reference #:
Site Location Address:

Proposed: Install recreational mooring buoy adjacent to private tidelands.
In: Hood Canal
Near: Brinnon
County: Jefferson State: WA
Date: July 2009

Elevation View



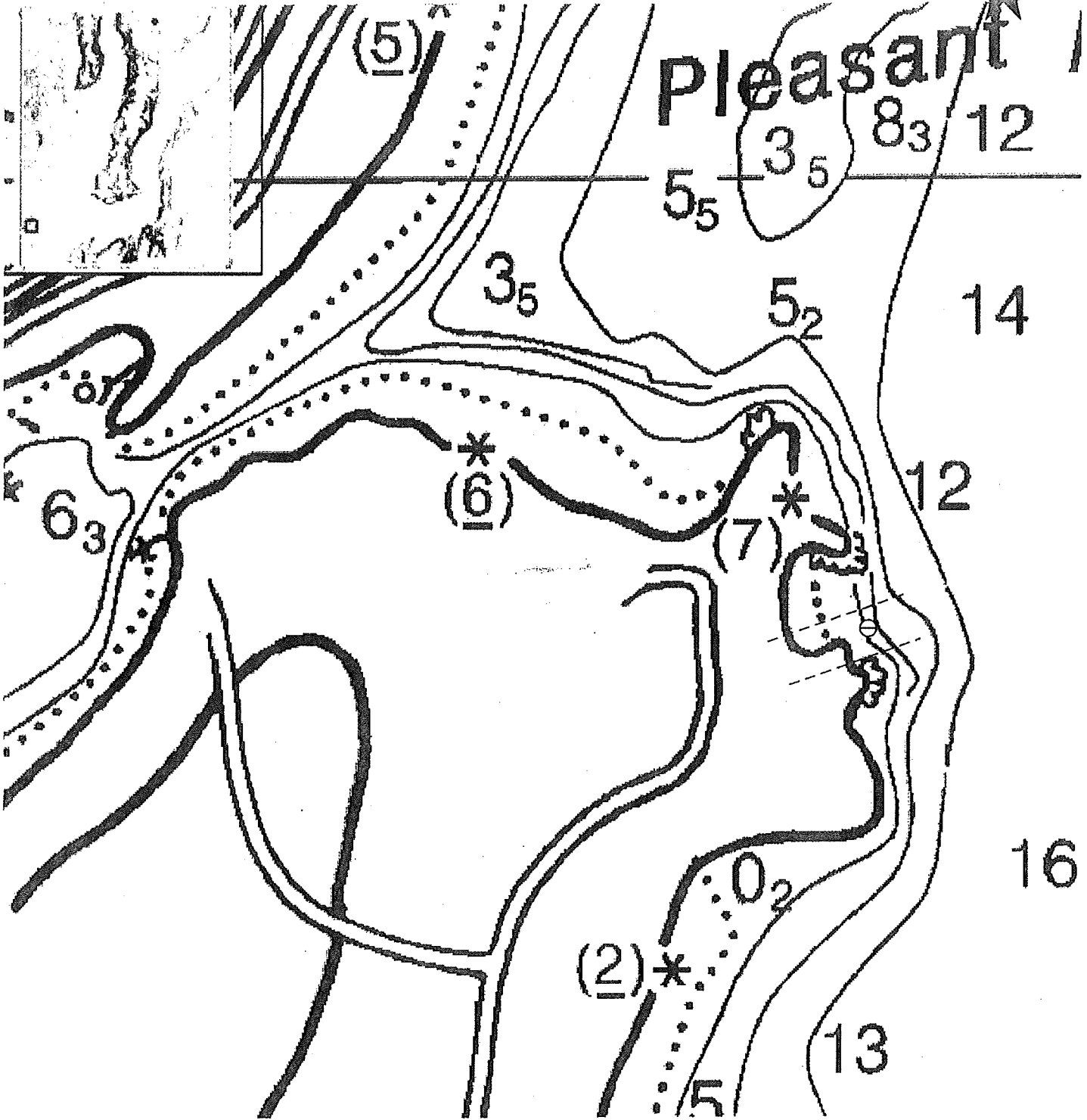
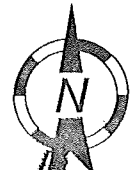
Proposed: Install recreational mooring buoy adjacent to private tidelands.
 In: Hood Canal
 Near: Brimmon
 County: Jefferson State: WA
 Date: July 2009

Name:
 Reference #:
 Site Location Address:

Purpose: Mooring Buoy Installation
 Adjacent Property Owners:
 1.
 2.

Nautical Chart

NOAA Chart 18458



Purpose: Mooring Buoy Installation
Adjacent Property Owners:

- 1.
- 2.

Name:
Reference #:
Site Location Address:

Proposed: Install recreational mooring
buoy adjacent to private tidelands.
In: Hood Canal
Near: Brinnon
County: Jefferson State: WA
Date: July 2009

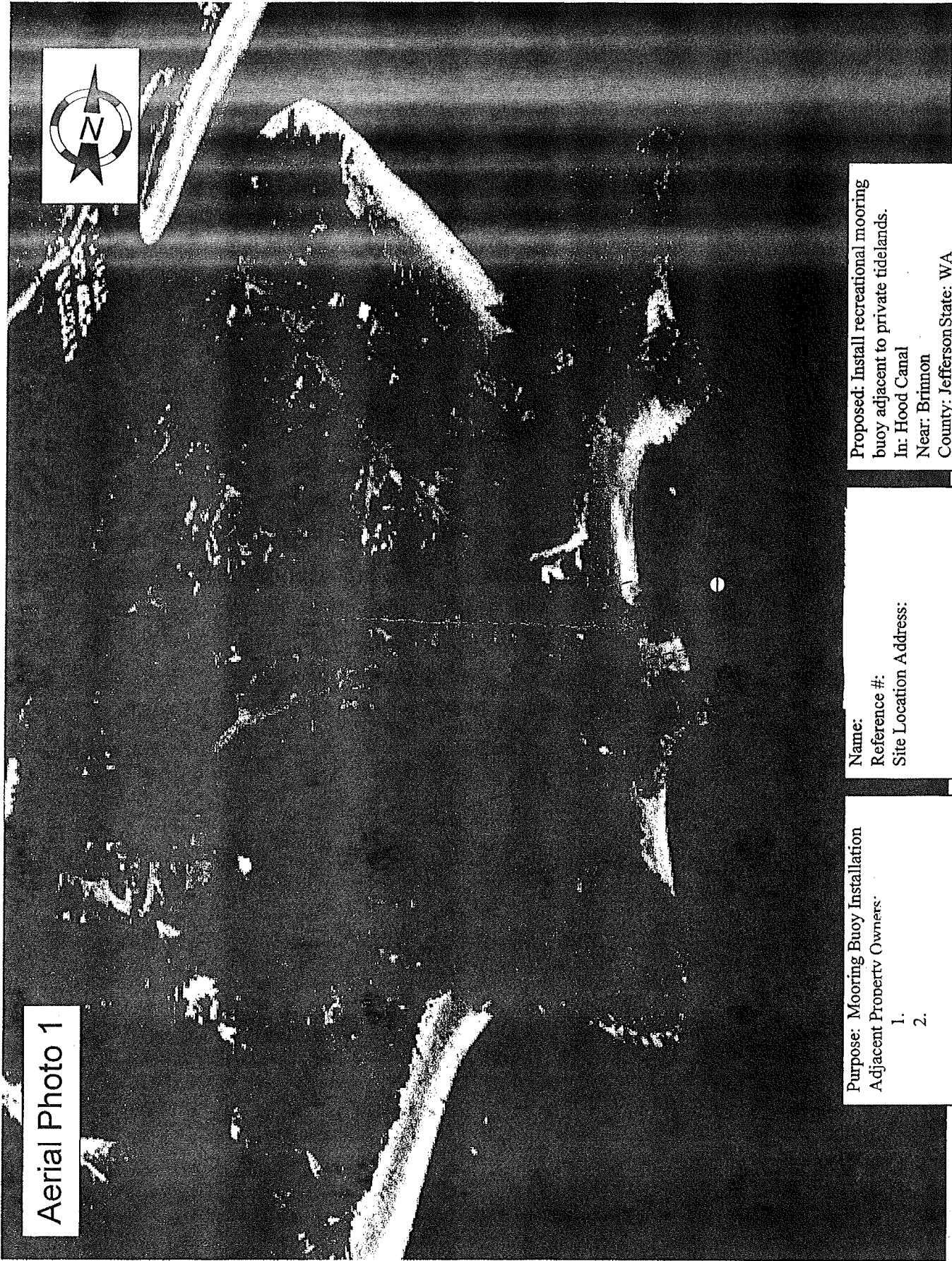
Aerial Photo 1



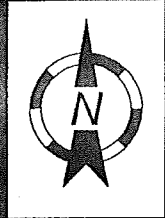
Purpose: Mooring Buoy Installation
Adjacent Property Owners:
1.
2.

Name:
Reference #:
Site Location Address:

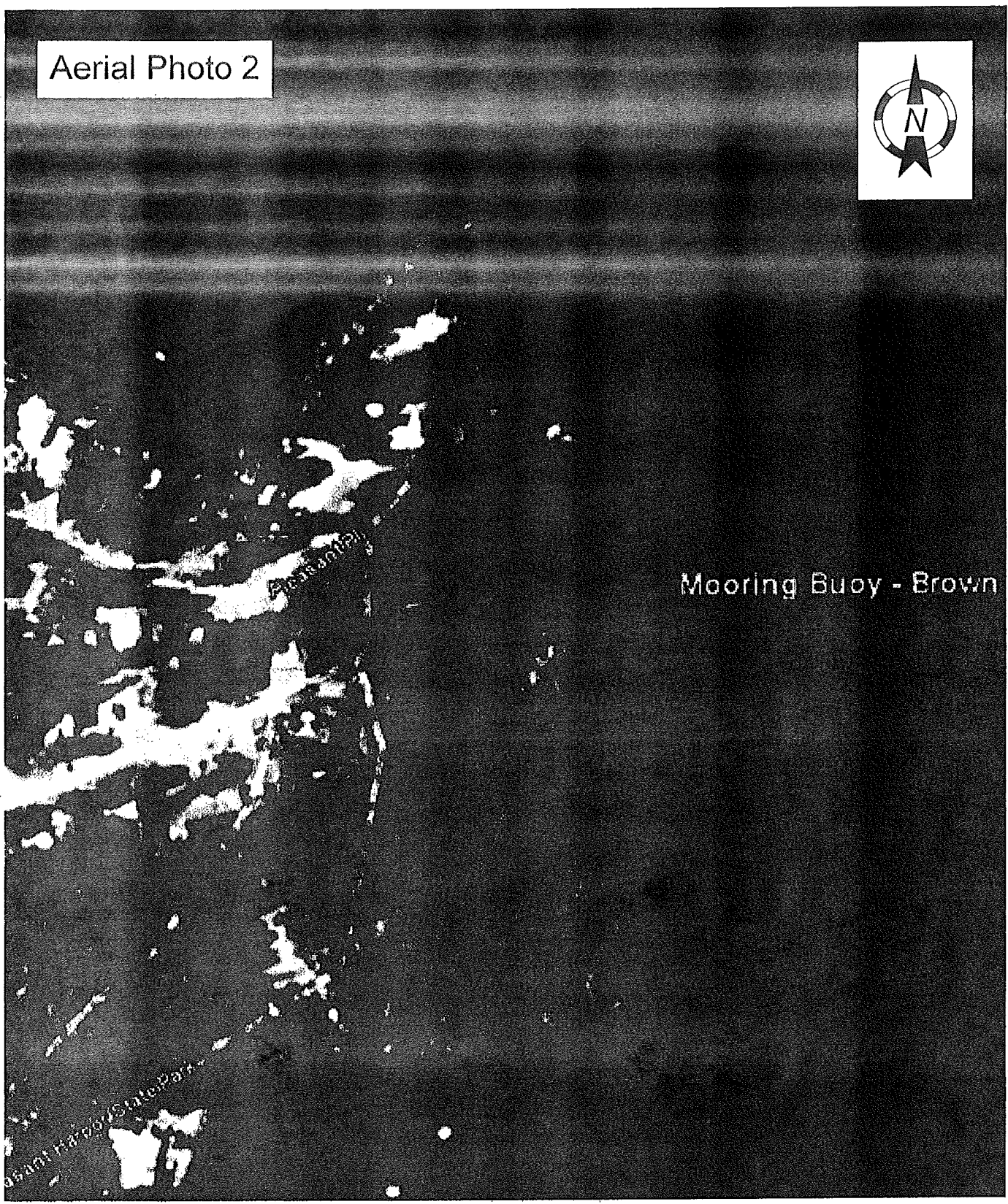
Proposed: Install recreational mooring
buoy adjacent to private tidelands.
In: Hood Canal
Near: Brinnon
County: Jefferson State: WA
Date: July 2009



Aerial Photo 2



Mooring Buoy - Brown



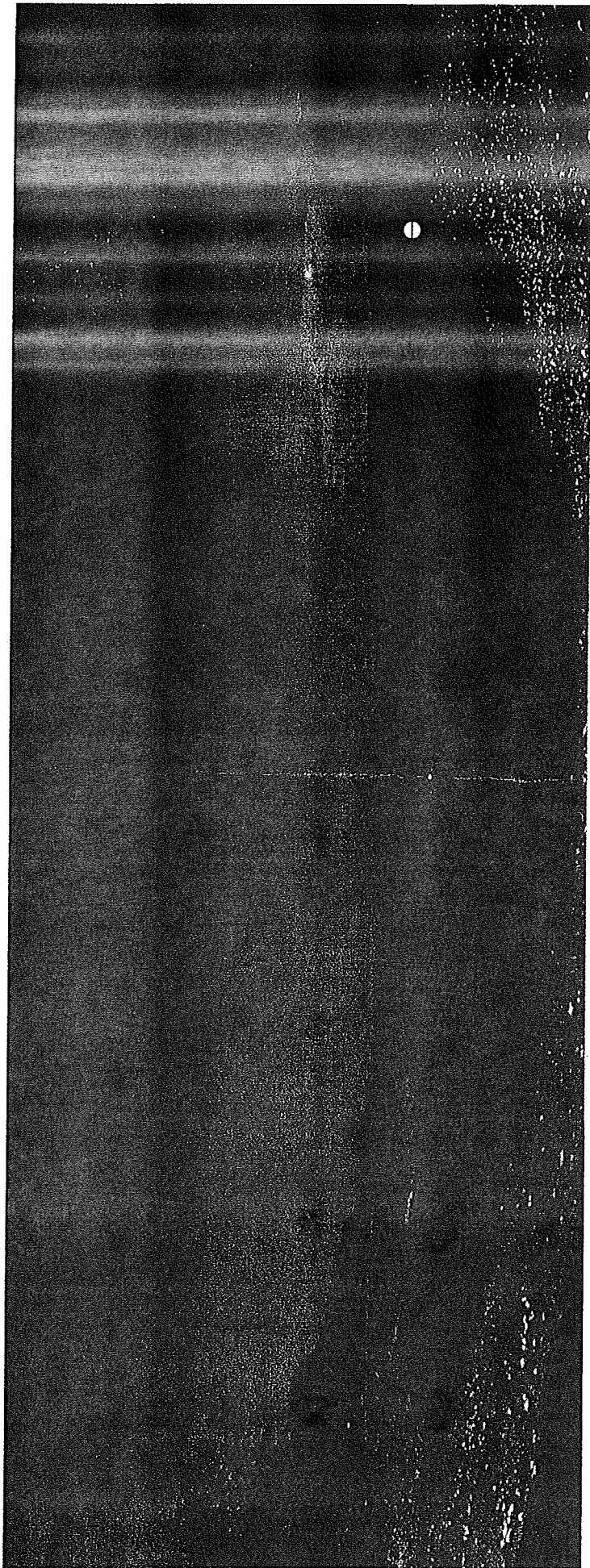
Purpose: Mooring Buoy Installation
Adjacent Property Owners:

- 1.
- 2.

Name: --
Reference #:
Site Location Address:

Proposed: Install recreational mooring
buoy adjacent to private tidelands.
In: Hood Canal
Near: Brinnon
County: Jefferson State: WA
Date: July 2009

Panoramic Photo at Low Tide

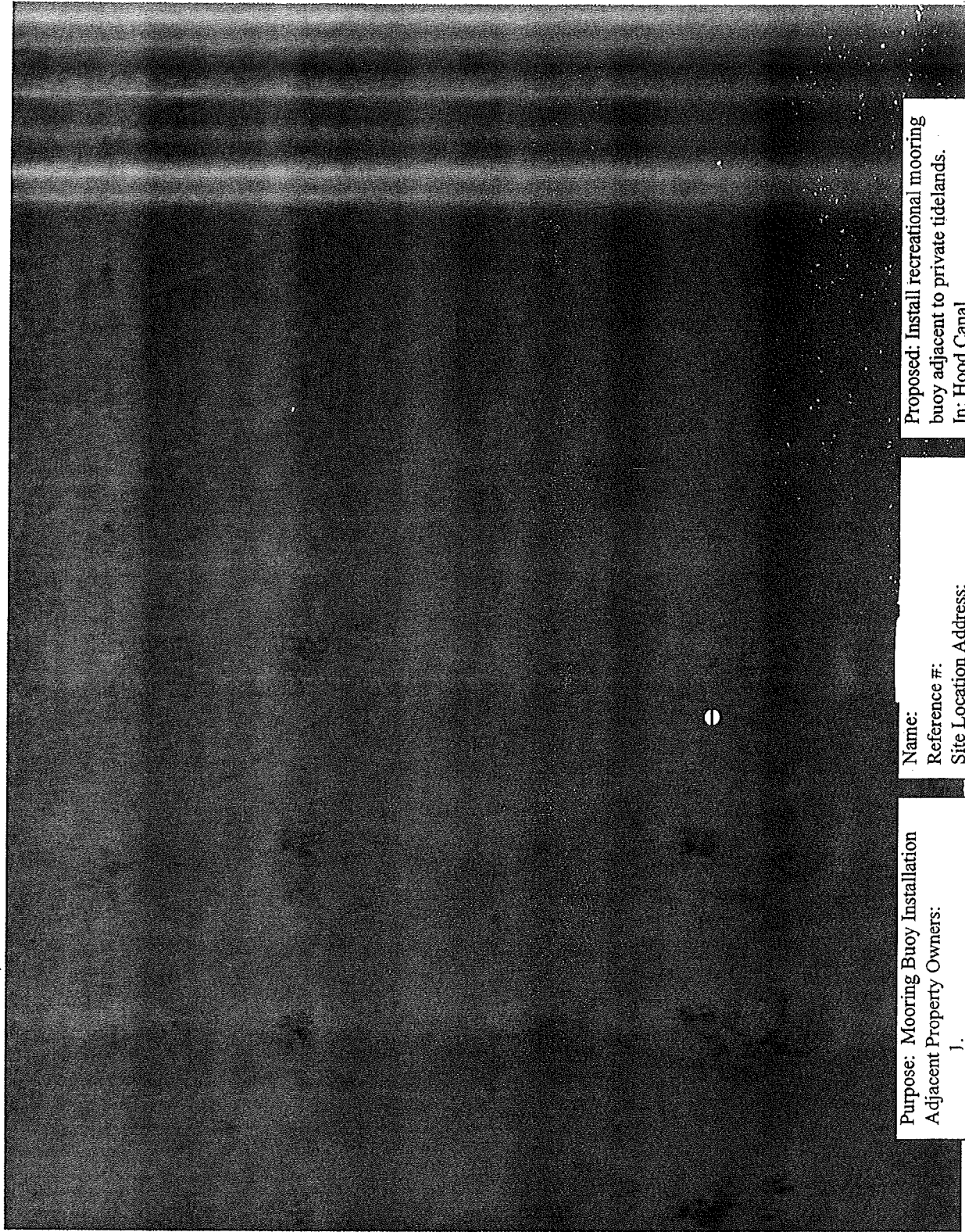


Purpose: Mooring Buoy Installation
Adjacent Property Owners:
1.
2.

Name:
Reference #:
Site Location Address:

Proposed: Install recreational mooring
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In: Hood Canal
Near: Brinnon
County: Jefferson State: WA
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Area Photo



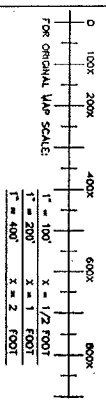
Purpose: Mooring Buoy Installation
Adjacent Property Owners:

- 1.
- 2.

Name:
Reference #:
Site Location Address:

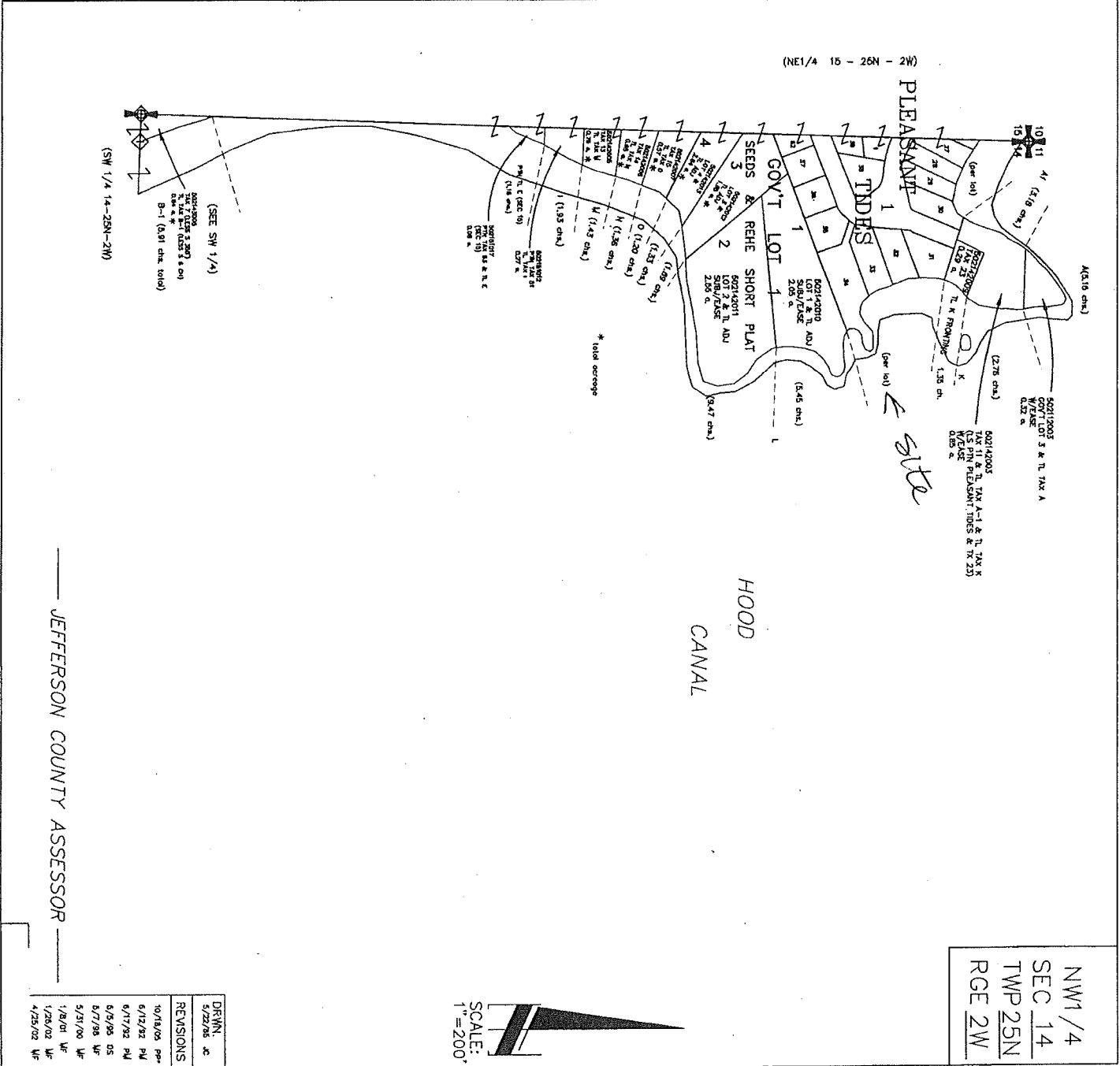
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buoy adjacent to private tidelands.
In: Hood Canal
Near: Brinnon
County: Jefferson State: WA
Date: July 2009

MAP SCALE GIVEN UNDER THE NORTH ARROW IS FOR THE ORIGINAL DRAWING ONLY. THIS COPY MAY BE A REDUCED OR ENLARGED REPRODUCTION. PLEASE REFER TO THE SCALE BELOW.

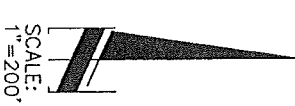


THE ASSESSOR DOES NOT IN ANY WAY GUARANTEE THE ACCURACY OF THE ACREAGE AND PARCEL BOUNDARIES DEPICTED ON THESE MAPS, PARCEL SIZE AND LOCATION IS BASED ON INFORMATION AVAILABLE, INCLUDING RECORDED SURVEYS, LEGAL DESCRIPTIONS, AERIAL PHOTOGRAPHS, AND VARIOUS GOVERNMENT SOURCES. WHERE THIS INFORMATION IS INSUFFICIENT, PARCEL BOUNDARY LOCATIONS ARE ESTIMATED. PARCEL MAPS ARE UPDATED FREQUENTLY, PLEASE CHECK WITH THE COUNTY ASSESSOR FOR THE LATEST REVISION.

FOR MORE INFORMATION, CONTACT:
 JEFFERSON COUNTY ASSESSOR
 P.O. BOX 1220
 PORT TOWNSHIP, VA. 24686



NW1/4
 SEC 14
 TWP 25N
 RGE 2W



DRWN.	DATE
JC	5/22/96
REVISIONS	
PP-	10/18/05
PM	6/12/93
PM	6/17/93
OS	6/9/95
WF	6/7/98
WF	5/31/00
WF	1/6/01
WF	1/26/02
WF	4/28/02

JEFFERSON COUNTY ASSESSOR

A-115

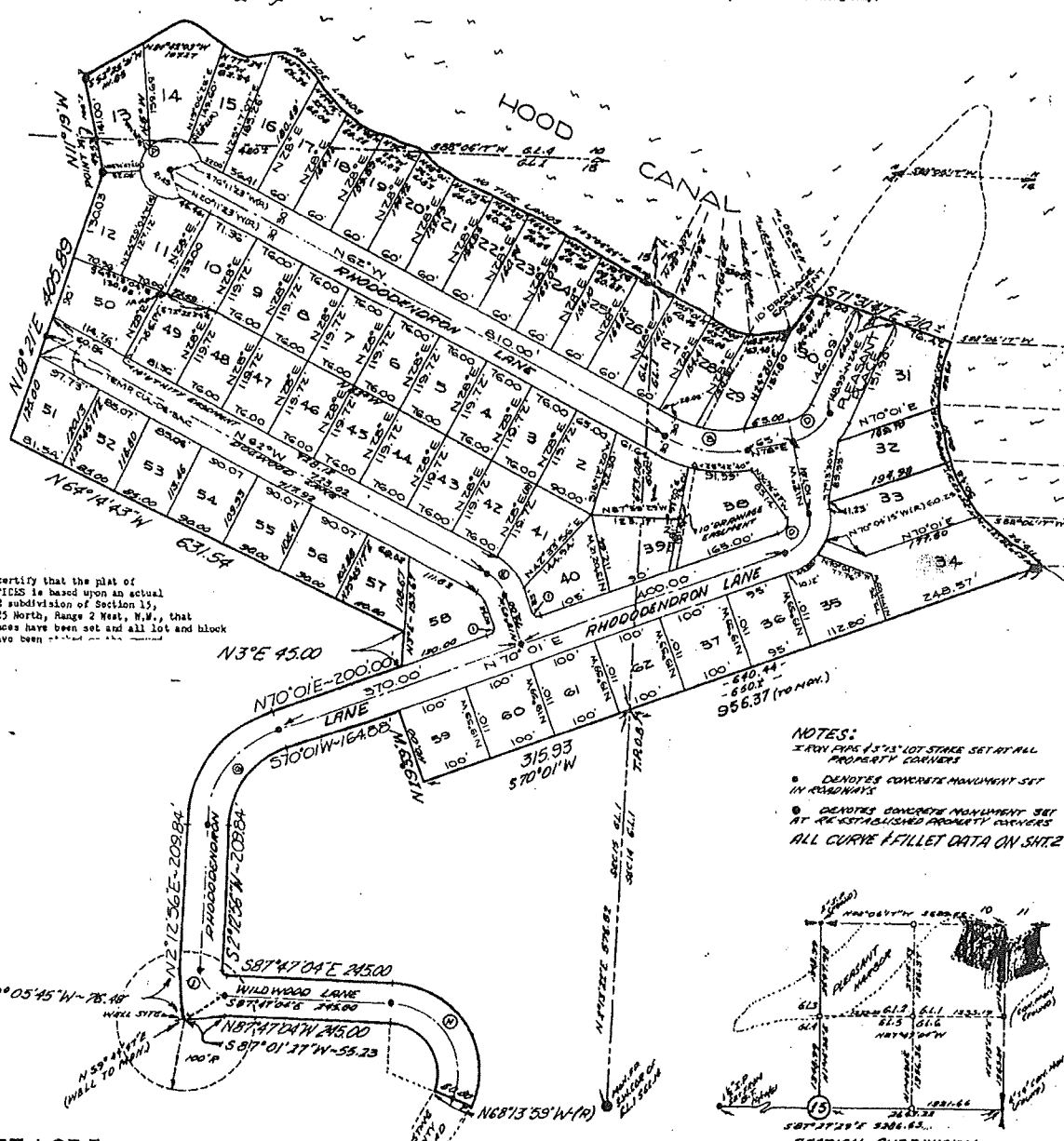
(Scale 1:2500)

PLEASANT TIDES

SITUATE IN SECTION'S 10, 14 & 15, T25N, R2W, W.M.
JEFFERSON CO., WASHINGTON

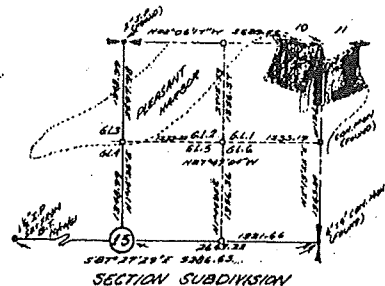
ROATS ENGINEERING
POULSBRO SEQUIM

NOTE: The uplands boundary of lots 13 thru 34 is the line of Mean High Tide.
Distances and bearings shown on this plat are for staking only.



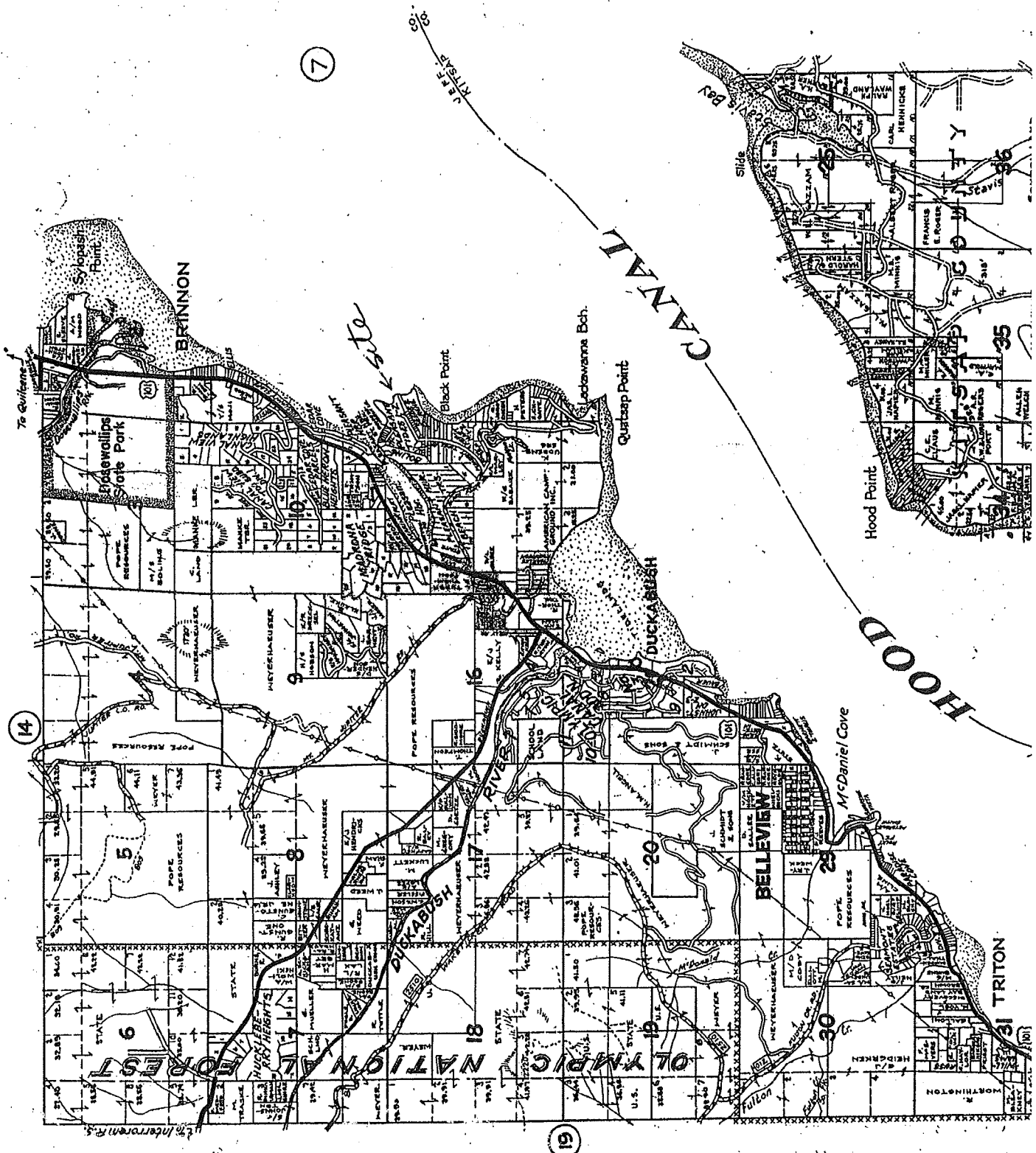
I hereby certify that the plat of PLEASANT TIDES is based upon an actual survey and subdivision of Section 13, Township 25 North, Range 2 West, W.M., that the distances have been set and all lot and block corners have been established.

- NOTES:
- 1. IRON PIPES 1 1/2" LOT STAKE SET AT ALL PROPERTY CORNERS
 - 2. DENOTES CONCRETE MONUMENT SET IN ROADWAYS
 - 3. DENOTES CONCRETE MONUMENT SET AT RE-ESTABLISHED PROPERTY CORNERS
- ALL CURVE & FILLET DATA ON SHEET 2



speed 6.0

TOWNSHIP 25 N., RANGE 2 W. W. M.
JEFFERSON COUNTY, WASHINGTON



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- LEGEND —
- STATE HWY. 80 U.S. INTERSTATE 5
 - PAVED ROADS
 - IMPROVED ROADS
 - DIRT ROADS
 - TRAILS
 - RAILROADS
 - CREEKS
 - ELEC. PWR. TRANS. LINES
 - NAT'L FOREST BDRYS.
 - FOREST SERV. RD. NO.
 - COUNTY BDRYS.
 - RESERVE & GAME REFUGE
 - CAMPGROUNDS
 - PARK & RECR. AREAS
 - WILDERNESS AREAS

