



7A

**Haines Borough  
Assembly Agenda Bill**

**Agenda Bill No.:** 23-1318  
**Assembly Meeting Date:** 11/14/23

Business Item Description:	Attachments:
Subject: Port Tariff Revision	1. Harbormaster Memo with side-by-side comparison 2. Ordinance 23-10-660 with restated Port Tariff 3. PHAC Recommendation 4. Proposed Changes to Port Tariff (showing changes)
Originator: Harbormaster	
Originating Department: Ports and Harbors	
Date Submitted: 10/5/23	

**Full Title/Motion:**  
No motion necessary.

**Administrative Recommendation:**  
This ordinance is recommended by the harbormaster.

**Fiscal Impact:**

Expenditure Required	Amount Budgeted	Appropriation Required	Projected Impact to Future Operating Budgets
\$	\$	\$	Increases in Dock Revenue

**Comprehensive Plan Consistency Review:**

Comp Plan Goals/Objectives: 4.5.5 Borough Enterprise Funds; Page 53	Consistent: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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**Summary Statement:**

The Port and Harbor Advisory Committee has reviewed and recommends the changes to the Restated Port Tariff for Haines Terminal No.3. Since the last meeting, the Harbormaster has written a memo summarizing the proposed changes and a side-by-side comparison of the changes has been drafted.

**Referral:**

Referred to:	Referral Date:
Recommendation:	Meeting Date:

**Assembly Action:**

Meeting Date(s): 11/14/23	Public Hearing Date(s): 11/14/23, 11/28/23
	Postponed to Date:



# Memo

## Ports & Harbors

Date: October 30, 2023  
To: Borough Manager / Borough Assembly  
From: Shawn Bell, Harbormaster  
Re: Port Tariff

It is the recommendation of the Harbormaster that the Haines Borough Assembly approve the updated Port Tariff.

### **Background**

The original Port Tariff was adopted in 1994 and has undergone numerous revisions since. The last revision was made in 2019 in order to provide updates to expiring fee structures and increase revenue.

**Proposed Changes** - This current update to the Tariff is for 3 primary reasons:

1. To provide a fee structure for the next 5 years that slowly increases the rates. Rates have been adjusted in the following categories:
  - Lutak Dockage Rate, 3% increase yearly
  - Lutak Minimum Dockage, increased from \$80 to \$475
  - Lutak Minimum Storage & Wharfage, increased \$5 to \$150 for storage and \$5 to \$1,000 for Wharfage
  - Lutak Storage Charges, increased from \$.15 per square foot to \$.40 per square foot
  - Lutak Dock Per Gallon Flow-Thru Rate, 3% increase yearly
  - Lutak Dock Wharfage Rates, 3% increase yearly
  - PC Dockage, 5% increase yearly
  - Minimum Dockage Rates, increased from \$80 to \$450
  - PC Dock Anchor/Tendering Fee, increased from \$500 to \$550/\$1,100 based on length
  - Commercial Tour Per-Passenger Fee, 5% increase yearly
  - PC Dock Water Rates, increase from \$4.50 to \$6.00 per 1,000 gallons
  
2. To make needed changes to regulations, delete irrelevant sections of the Tariff, and reformatting to a concise and easy to read document.
  - Adjusted special lease requirements from 250 sq ft to 1,500 sq ft
  - Struck out "Joint Dock Use Area" section
  - Struck out "Lightering Float Per Docking Fee" section
  - Struck out old dock drawings
  - Please refer to the original Port Tariff to see all minor strikes.
  
3. To add sections that address changes in operations.
  - Lutak Dock AML Roll-On Roll-Off Facility
  - Lutak Dock Security/Tie Up Rates
  - PC Dock Security, flat fee based on vessel length, \$600/\$1,000.
  - PC Dock Tendering Tie Up, Flat Fee \$600

### **Estimated Revenue Increase**

Revenue would increase (if all were equal to the 2023 calendar year) for Lutak Dock by an estimated \$9,000 each year. PC Dock revenue would increase by an estimated \$63,000 the first year (largely due to the institution of a Port Security Fee) with subsequent years increasing by approximately \$14,000.

HAINES BOROUGH TARIFF COMPARISON  
Accompanies Harbormaster Port Tariff Memo October 30, 2023

Sections	Current Port Tariff	Proposed Port Tariff
<u>Document Structure</u>	Cumbersome, many sections irrelevant to Haines Borough, information related to each facility is scattered throughout the document	Eliminates irrelevant sections (which all read “not applicable”), consolidates all charges by facility; removes old dock drawings
<u>Rate Increases</u>		
<b>Lutak Dock</b>		
Dockage Rate	2019-2023 Rates increased 3% from \$4.11 to \$4.62	2024-2028 Rates will increase from \$4.76-\$5.36 (3% annually)
Minimum Dockage	Currently, flat rate of \$80	Increases 5% each year from 2024 (\$475) to 2028 (\$550)
Storage/Wharfage	\$5/\$5	\$150/\$1,000
Demurrage (Storage)	\$0.15/sq. ft.	\$0.40/sq. ft.
Security/Tie Up Rates	Not addressed	Regularly scheduled staff time (8-5 Mon – Sun) \$40.00 per hour/Non regular hours \$80.00 per hour. The Haines Borough observed holiday rate \$60.00 per hour regular hours/Non-regular hours \$120.00 per hour
Wharfage Rate	Rates for commodities loaded and unloaded at Lutak Dock including logs, gravel, explosives, etc.	Rates for commodities loaded and unloaded at Lutak Dock including logs, gravel, explosives, etc. Rates will increase 3% annually beginning in 2024
AML RO/RO	Not Addressed	Added language making clear responsibilities of third party users and that AML invoices and remits wharfage and dockage charges to Haines Borough

Fluid flow-through rate (including fuel)	5 million gals is the volume discount point; 2023: \$0.0285 under 5MG, and \$0.0249 at or over 5MG	Same volume discount point. 2024: \$0.0294 under 5MG, and \$0.0256 over 5MG; increasing 3% annually
<b>Port Chilkoot Dock</b>		
Dockage	Dependent on Length-Over-all (LOA) of the vessel – 2019 to 2023 – from \$2.25 to \$5.50	Increases are about 5% annually, also dependent on LOA. 2024 smallest ship is \$3.06 to largest \$7.03
Minimum Dockage	\$80	2024: \$450 increasing by 5% annually
SECURITY	Not Addressed	Based on vessel length, flat rate of \$600 or \$1,000
Anchor/Lightering Fee	Flat rate \$500	Based on vessel length (400') \$550 or \$1,100
Tie Up Fee (lightering vessels)		Flat rate \$600/day
Commercial Tour per passenger fee	\$30 minimum fee per vessel; and for 2023 \$0.58/passenger	\$35 minimum fee per vessel; increasing 5% annually beginning at \$0.61/passenger in 2024 and ending at \$0.74 in 2028
Water Rates	\$75 service charge + \$4.50 per 1,000 gals	\$75 service charge + \$6 per 1,000 gals

**An ordinance of the Haines Borough adopting the restated Port of Haines Terminal Tariff No. 3.**

**WHEREAS**, the Haines Borough owns and operates the Portage Cove Harbor, Letnikof Cove Harbor and the Port of Haines; and

**WHEREAS**, the Borough Assembly establishes rates, fees, and penalties for Haines Borough port and harbor facilities; and

**WHEREAS**, Haines Borough Code Section 3.31.010 provides for the adoption of a Port Tariff to establish fees, charges and rules of use for the Lutak Dock; and

**WHEREAS**, Haines Borough Code, section 2.12.020(B), requires fines and penalties be provided by ordinance,

**NOW THEREFORE BE IT ENACTED**, by the Haines Borough Assembly, that the following is hereby adopted by ordinance.

Section 1. Classification. This ordinance is not of a general and permanent nature and shall not become a part of the Haines Borough Code.

Section 2. Severability. If any provision of this ordinance or any application thereof to any person or circumstance is held to be invalid, the remainder of this ordinance and the application to other persons or circumstances shall not be affected thereby.

Section 3. Effective Date. This ordinance shall become effective January 1, 2024.

Section 4. Purpose. This ordinance approves the restated Port of Haines Terminal Tariff No.3, 2024 edition.

Section 5. Authority. This ordinance is adopted under the authority granted the Assembly to establish fees, charges fines and penalties by HBC 2.12.020(B) and 3.31.010.

Section 6. Adoption. The attached restated Port of Haines Terminal Tariff No.3, 2024 edition are hereby approved and adopted. The Borough Manager and Harbormaster are hereby authorized to take all such steps as may be necessary to finalize and implement the fees, charges, fines, penalties and rules as set forth in the attached documents.

ADOPTED BY A DULY CONSTITUTED QUORUM OF THE HAINES BOROUGH ASSEMBLY THIS \_\_\_<sup>th</sup> DAY OF \_\_\_\_\_, 2023.

\_\_\_\_\_  
Tom Morphet, Mayor

ATTEST:

\_\_\_\_\_  
Alekk Fullerton, CMC, Borough Clerk

Date Introduced: 10/24/23  
Date of First Public Hearing: 11/14/23  
Date of Second Public Hearing: 11/28/23



# Port of Haines

Operated by the Haines Borough

FMC NO.3

Naming Rates, Charges, Rules and Regulations

For

Wharfage Dockage and Storage

Located at

The Port of Haines, Alaska

Issued By:

Annette Kreitzer, Borough Manager

P.O. Box 1209

Haines, Alaska 99827

Phone: (907) 766-6400

Fax: (907) 766-2716

akreitzer@haines.ak.us

Restated 2024 Edition



# Port of Haines Terminal Tariff

## Preface

The Purpose of this document is to provide, a complete tariff for public review, the terms, conditions, rules, regulations, charges, and rates comprising the Port of Haines Tariff, as received by the Borough Manager as required and approved by the Haines Borough Assembly.

This document comprises the Port of Haines Terminal Tariff, FMC No. 3 effective May 15, 1994, reformatted and restated July 1, 2023. This version entirely replaces and restates the Haines Terminal Tariff, FMC No. 3.

### **Tariff Revisions**

The Port of Haines Tariff may be revised in whole or in part as required. Upon such revision, the amended page (s) will show the revision date in the upper right corner. Requests for missing pages or additional copies of the Tariff may be directed to the Haines Borough Clerk.

### **Notice to Public**

This tariff is published as required by law and is, therefore, notice, to the public, shippers, consignees and carriers that the rates, and rules and charges apply to all traffic for which contract rates have not been arranged.

In addition to this Port Tariff, the public, shippers, consignees and carriers using Port of Haines facilities should consult and be aware that the Haines Borough Code of Ordinances, including but not limited to Chapter 15.04 International Fire Code, Title 13 Utilities, and Title 16 Harbors, all as amended, apply and govern where not specifically provided otherwise in this tariff.



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## Section 1 - Definitions

### ***Wharfage***

Wharfage is the charge assessed against freight passing or conveyed over, onto, or under wharves or between vessels or over side vessels when berthed at wharf or moored in slip adjacent to wharf; it is the charge for use of wharf and does not include charge for any other service.

### ***Handling***

Handling charges are those assessed in performing loading or discharge of cargo between ship's tackle, or terminal's tackle, and place of rest on dock, truck, vessel so docked, or for coming within a slip.

### ***Dockage***

Dockage is the charge assessed against vessels for docking at a wharf, pier or for mooring to a vessel so docked, or for coming within a slip.

#### ***Dockage Period***

The period of time upon which dockage will be assessed shall commence when the vessel is made fast to an allocated berth or moored, or comes within a slip and shall continue until such vessel lets go and has vacated the position allocated.

#### ***Idle Vessels***

A vessel not engaged in working cargo will be permitted its berth with the understanding that it shall vacate when the berth is required for a vessel to load or discharge cargo. A vessel on notice to move which refuses to vacate will be assessed dockage at five times its applicable rate named in this Tariff, starting at the time vessel is notified to vacate.

### ***Terms***

Terms are cash. All fixed charges named herein and charges made for all services shall become due and payable as they accrue.



## Section 2 - Rules and Regulations

### ***Liability for loss or damage limited***

Owners of vessels using this dock area agree to indemnify and hold the Borough harmless from all costs of repairing any damage done to the surface or any other portion of the dock by vessel officers, agents, employees, assigns or contractors, or by any party or vessel handling any cargo on behalf of the vessel. Owners of vessels using this dock area also agree to indemnify and hold the Borough harmless from any and all claims, demands or liability for bodily injury or death of any person, or damage to property arising out of the use of this dock area by the vessel, or by any party or vessel handling any cargo on behalf of the vessel.

### ***Removal, Transfer or Warehouse Freight***

Hazardous or offensive freight, which, by its nature, is likely to damage other freight is subject to immediate removal either from the wharf or wharf premises or to other location within said premises with all expense and risk of loss or damage, for the account of owner, consignee or shipper, the terminal operator being liable for loss or damage only in case of lack of ordinary care.

Freight remaining on wharf or wharf premises after expiration of free time, and freight shut out at time of clearance of vessel, may be piled or re-piled to make space, transferred to other locations or receptacles within the wharf premises, or removed to public or account of the owner, shipper, consignee or carrier as responsibility may appear, the terminal operator being liable for loss or damage only in case of lack of ordinary care.

### ***Prepaid Freight***

Right is reserved by the terminal operator to require prepayment of all charges on perishable freight or freight of doubtful value, and on all Household Goods (not new), Emigrant's Movables, Personal Effects, Livestock and Ore Samples.

### ***Acceptance of Tariff***

Use of wharves and facilities shall be deemed acceptance of this tariff and the terms and conditions named therein.



***Shipments Handled Over Side of Vessel***

Freight transferred directly between vessels berthed at wharf, but not using facilities of wharf in its transfer, or freight received by vessel or discharged into water, to barges, boats, or other vessel, while vessel is berthed at wharf, will be assessed at Half Wharfage, named in this Tariff.

***Electrical Outlets:***

Subject to availability, electricity will be furnished per the conditions set forth by the Harbormaster. It will be the responsibility of the user to provide receptacles with proper voltage. The Haines Borough will not be responsible for electric power failure.



## Section 3 – Lutak Dock

### ***Manifests***

Owners, agents, users, operators, or masters of vessels will furnish Port with complete copy of manifest showing all cargo loaded and discharged at the terminal. Inbound manifest will be furnished prior to or concurrent with vessel arrival; outbound manifest will be furnished prior to or concurrent with vessel departure.

### ***Minimum Charge***

Except as otherwise provided herein; the minimum charge for any single shipment shall be:

WHARFAGE:           \$500.00

STORAGE:            \$150.00

### ***Prepaid Freight***

Right is reserved by the terminal operator to require prepayment of all charges on perishable freight or freight of doubtful value, and on all household goods (not new), emigrant's movables, personal effects, livestock, and ore samples.

### ***Charges Collected from whom***

All charges named in this tariff will be assessed against cargo, when not absorbed by the vessel, and are due from the owner, shipper or consignee of the freight. On transit freight in connection with other carriers, however, these charges accrued against said freight and which the vessel, its owners or agents. The use of the wharf by a vessel, its owners or agents, shall be deemed acceptance and acknowledgement of this guarantee.

### ***Delays, Waiver of Charges***

Delays in loading, unloading, receiving, delivering or handling freight arising from combinations, riots or strikes not reasonably within the control of the terminal operator, will not entitle owners, shippers, consignees or carriers of freight to waiver of wharf terminal or advanced charges, or other expenses that may be incurred.



### ***Free Time***

Free time is the specified number of days during which cargo may occupy space, assigned to it, on the pier without being subject to wharf demurrage or storage charges. Free time not to exceed forty-five days on in-transit freight will be allowed.

### ***Liability for Loss or Damage Limited***

Owners of vessels using this dock area agree to indemnify and hold the Borough harmless from all costs of repairing any damage done to the surface or any other portion of the dock by the vessel officers, agents, employees, assigns or contractors, or by any party or vessel handling any cargo on behalf of the vessel. Owners of vessels using this dock area also agree to indemnify and hold the Borough harmless from any and all claims, demands or liability for bodily injury or death of any person, or damage to property arising out of the use of this dock area by the vessel, or by any party or vessel handling any cargo on behalf of the vessel.

### ***Pier Storage***

This is the charge assessed against cargo which remains on port property after the expiration of the free time allowed. Storage will be assessed at the rate of \$0.40 per square foot per month for general cargo. All storage subject to availability with location, placement, and arrangements to be at the discretion of the terminal operator. Storage space in excess of 2,500 square feet shall require a Special Lease agreement.

### ***Right to Sell for Unpaid Charges***

Freight on which unpaid terminal charges and advances have accrued may be sold to satisfy such charges and costs. Freight of a perishable nature, or of a nature liable to damage other freight may be sold at public or private sale without advertising, provided owner has been given proper notice to pay charges and remove said freight, and has neglected or failed to comply.



### ***Special Lease***

Special lease agreements can be made on specified areas for a fixed rental payment thereon. The following minimum conditions must be met for a special lease agreement:

- 1) No space will be rented with an area of less than 1,500 square feet.
- 2) Monthly charges shall be paid in advance.
- 3) Storage charges shall be for a thirty day minimum period, with charges prorated on a per day basis after the first thirty day period.

### ***Removal, Transfer or Warehouse Freight***

Hazardous or offensive freight, which, by its nature, is likely to damage other freight is subject to immediate removal either from the wharf or wharf premises or to other locations within said premises with all expense and risk of loss or damage, for the account of loss or damage only in case of lack of ordinary care. Freight remaining on wharf or wharf premises after expiration of free time, and freight shipped out at time of clearance of vessel, may be piled or re-piled to make space, transferred to other locations or receptacles within the wharf premises, or removed to public or private warehouses with all expense and risk of loss or damage for account of the owner, shipper, consignee or carrier as responsibility may appear, the terminal operator being liable for loss or damage only in case of lack of ordinary care.

### ***Explosives***

The acceptance, handling or storage of explosives or excessively flammable material shall be subject to special arrangements with terminal operator and governed by rules and regulations of Federal, State and Local authorities.

### ***Owner's or Shipper's Risk***

Glass, liquids, and fragile articles will be accepted only at owner's or shipper's risk for breakage, leakage, or chafing, the terminal operator being liable for loss or damage only in case of lack of ordinary care. Freight in open storage on wharf platforms or ground and freight subject to freezing is at owner's or shipper's risk for loss or damage.

Timber and logs or lumber rafts, and all water craft, if and when permitted by terminal operator to be moored in slips at moorage dolphins, at wharf or alongside vessels, are at owner's or shipper's risk for loss or damage.



### ***Acceptance and Handling of Livestock***

The acceptance and handling of livestock shall be subject to special arrangements with terminal operator, and governed by rules and regulations of Federal, State and Local authorities.

### ***Right to Withhold Delivery of Freight***

Right is reserved by terminal operator to withhold delivery of freight until all accrued terminal charges and/or advances against said freight have been paid in full.

No provision contained in this tariff shall limit or relieve the Port of Haines from liability for its own negligence nor require any person or user to indemnify or hold harmless the Port of Haines from liability for its own negligence. Except when loss or damage is caused by the terminal's own negligence, the terminal will not be responsible for any loss or damage caused by fire; frost; heat; dampness; leakage; the elements; evaporation; natural shrinkage; wastage or decay; animals; rats; mice or other rodents; moths' weevils or other insects; leakage or discharge from fire protection systems; collapse of buildings or structures; piling required in breasting vessels away from wharf; nor will it be answerable, except when cause by its own negligence, for any loss, damage or delay arising from insufficient notification or from war, insurrection, shortage of labor, combination strikes or riots of any persons in its employ or in the services of others or from any consequence arising therefrom. All vessels will be held responsible for damage done to the dock when landing, laying alongside or when leaving the dock.

### ***Lutak Dock Roll-On Roll-off Facility***

Alaska Marine Lines Inc. (AML) is the owner and operator of the Roll-on/Roll-off facility and leases the operating space from the Haines Borough. All third party vessel owners/operators must get approval from the Haines Harbormaster and local AML manager a minimum of 24 hours prior to intended use. Wharfage and dockage fees, as outlined in this tariff, shall apply, in addition to any fees assessed by AML. All wharfage and dockage fees shall be invoiced and collected by AML and remitted to the Haines Borough as appropriate. Any uplands space required by third party users must make arrangements with the Haines Harbormaster and receive written approval prior to the start of operation.



**Wharfage and Handling**

Except as otherwise provided, wharfage rates named below are in dollars and cents per ton (2,000 pounds) or 40 cubic feet, as freighted. Increases 3% annually.

Handling charges are by special arrangement with terminal use permit holders.

Item 401 – Freight, N.O.S.

Item 402 – Logs

Item 403 – Gravel, pit run sand or gravel; sand; crushed aggregate; process stone or boulders.

Item 404 – Explosives and other hazardous cargo vis: Powders, gun or blasting; blasting caps and agents; dynamite; high explosives; ammunition other than small arms; and other cargo deemed hazardous by the Haines Borough (See Note 1)

Note 1) Written permission of the Haines Borough must be obtained prior to any movement of explosives and other hazardous cargo over Borough Port facilities.

Wharfage Rates	2024	2025	2026	2027	2028
Item 401: NOS	\$6.72	\$6.92	\$7.13	\$7.34	\$7.56
Item 402: Logs	\$0.77	\$0.79	\$0.81	\$0.83	\$1.08
Item 403: Gravel	\$0.52	\$0.54	\$0.56	\$0.58	\$0.75
Item 404:Explosives & Hazardous Waste	\$15.27	\$15.73	\$16.20	\$16.69	\$17.19

Item 405 – Per gallon flow through rates: For the transport of fluids, including, but not limited to, fuel, through pipelines across Borough port and dock facilities in both directions in any one calendar year.

Per-Gallon Rate	2024	2025	2026	2027	2028
Up to 5 million gallons	\$.0294	\$.0303	\$.0312	\$.0321	.0331
5 million gallons & over	\$.0256	\$.0264	\$.0272	\$.0280	.0288





**Lutak Dockage Rate**

Dockage charges are assessed upon Length-Over-All (LOA) of the vessel. LOA is defined as the linear distance, in feet, from the most forward point at the stem to the aftermost part of the stern of the vessel, measured parallel to the base of the vessel. LOA of the vessel as published in "Lloyds Register of Shipping" will be used and when not published, the Port reserves the right to:

- (a) obtain the LOA from the vessel's register, or
- (b) measure the vessel.

Dockage rates per foot per 24-hour period shall be as follows increasing annually effective January 1 each year:

Dockage Rate	2024	2025	2026	2027	2028
3% Annual Increase	\$4.76	\$4.90	\$5.05	\$5.20	\$5.36

Minimum Dockage Charge:

2024	2025	2026	2027	2028
\$475	\$500	500	\$525	\$550

**Lutak Dock Port Security/Tie up Rates**

Regularly scheduled staff time (8-5 Mon – Sun) \$40.00 per hour/Non regular hours \$80.00 per hour. The Haines Borough observed holiday rate \$60.00 per hour regular hours/Non-regular hours \$120.00 per hour.



## Section 4 – Port Chilkoot Dock

### **Port Chilkoot Dockage Rates**

Port Chilkoot dockage charges are assessed upon Length-Over-All (LOA) of the vessel. LOA is defined as the linear distance, in feet, from the most forward point the stem to the aftermost part of the stern of the vessel, measured parallel to the base of the vessel. LOA of the vessel as published in “Lloyd’s Register of Shipping” will be used and when not published, the Port reserves the right to:

- (a) obtain the LOA from the vessel’s register, or
- (b) measure the vessel. Dockage rates per foot per 24-hour period shall be as follows, increasing 5% annually effective January 1 each year:

Vessel LOA	2024	2025	2026	2027	2028
000/149	3.06	\$3.21	\$3.37	\$3.54	\$3.72
150/199	3.26	\$3.42	\$3.59	\$3.77	\$3.96
200/299	3.57	\$3.75	\$3.94	\$4.14	\$4.35
300/399	3.95	\$4.15	\$4.36	\$4.58	\$4.81
400/499	4.41	\$4.63	\$4.86	\$5.10	\$5.36
500/599	5.03	\$5.28	\$5.54	\$5.82	\$6.11
600/699	5.48	\$5.75	\$6.04	\$6.34	\$6.66
700 and over	5.78	\$6.07	\$6.37	\$6.69	\$7.03

Minimum Dockage Charge:

2024	2025	2026	2027	2028
\$450	\$475	\$500	\$525	\$550

### **Port Chilkoot Dock Port Security**

Any vessel requiring Port Security will be charged a flat fee based upon vessel length.

Vessel Length 0-600’ = \$600

Vessel Length 601’-Up = \$1000



**Port Chilkoot Dock Lightering Facility Rates**

For use of Port Chilkoot Dock lightering float dock, including lightering to transfer passengers to or from larger vessels; to pick up or discharge passengers for local marine tours; moorage of vessels; and moorage of vessels unable to moor in the small boat harbor.

**1. Rates:**

**A. Anchor/Tendering Fee:**

Tendering or transfer of passengers to or from a larger vessel: rate per 24-hour period. Security and/or tie up rates may apply.

Per-Anchored Vessel LOA	2024	2025	2026	2027	2028
0' - 400'	\$550	\$600	\$650	\$700	\$750
401' – Over	\$1100	\$1200	\$1300	\$1400	\$1500

**B. Tender Tie Up Fee:**

Any vessels requiring Port Staff to support tie up operations will be charged a flat fee of \$600 per day.

**C. Commercial Tour per passenger fee:**

Any commercial tour vessel in use of this facility must pay a per passenger fee for all arrivals and departures. A minimum fee of \$35.00 will be assessed for each vessel arriving or departing. Standard harbor moorage rates apply to any vessel moored for over 3 hours.

Per-Passenger Fee	2024	2025	2026	2027	2028
Loading &/or Unloading	\$.61	\$.64	\$.67	\$.70	\$.74

**Port Chilkoot Dock Water Rates**

Water may be furnished to vessel at the discretion of the Haines Borough at the following rates:

\$75.00 service charge plus \$6.00 per 1,000 gallons of water.



## **Haines Borough Employee Observed Holidays:**

1. New Year's Day
2. President's Day
3. Memorial Day
4. Independence Day
5. Labor Day
6. Alaska Day
7. Veteran's Day
8. Thanksgiving Day
9. Friday after Thanksgiving Day
10. Christmas Eve
11. Christmas Day



**Turnagain**

Marine Construction  
5050 CORDOVA STREET  
ANCHORAGE, AK 99503  
PHONE: (907) 261-8960  
CORPORATE AUTHORIZATION  
NUMBER: 161179

PROJECT NUMBER:  
22-010

**DRAFT**  
**95%**

**LUTAK DOCK  
REPLACEMENT  
HAINES, ALASKA**



REV#	DESCRIPTION	DATE

ISSUE DATE:  
APRIL 21, 2023

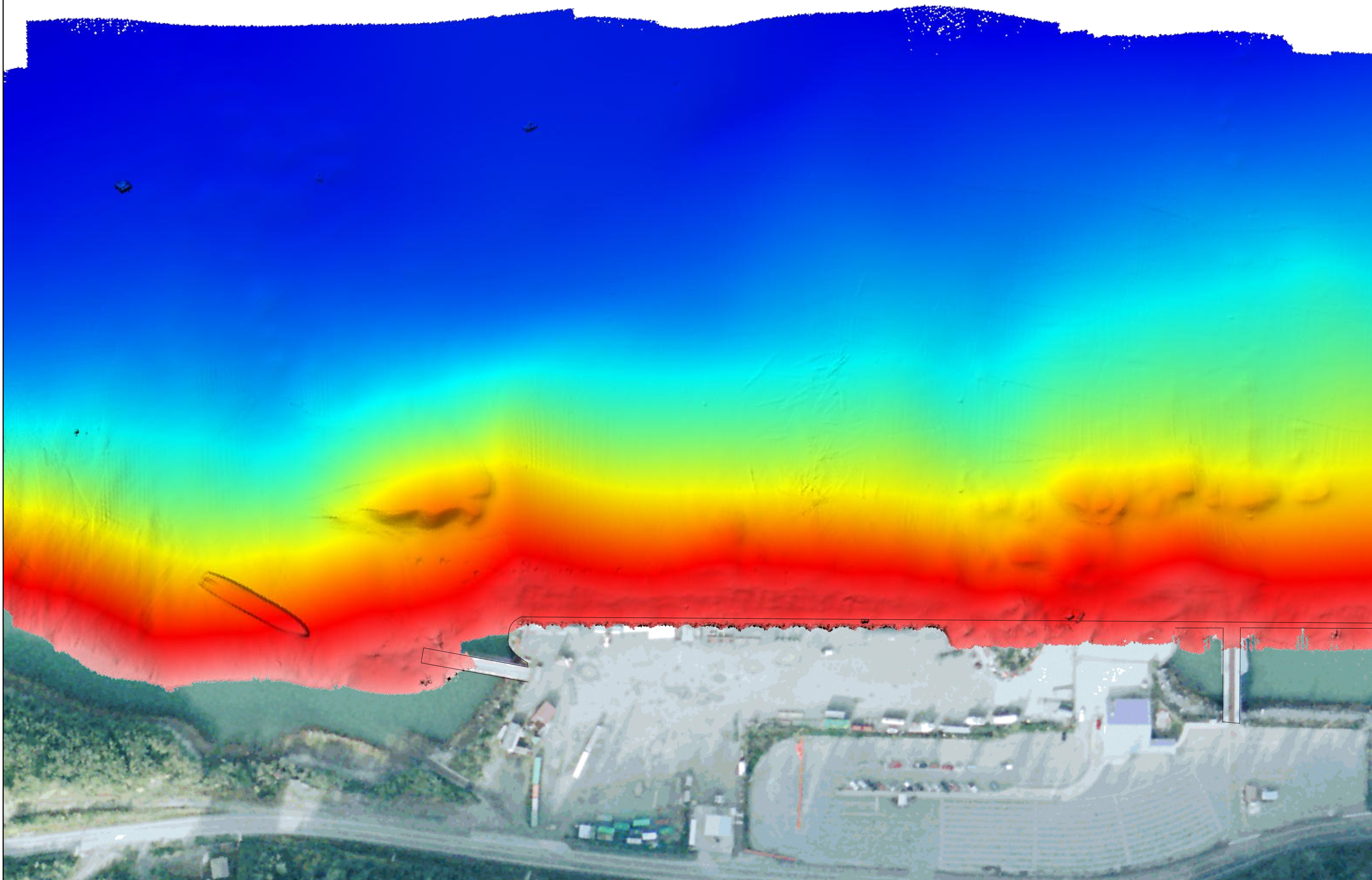
SHEET TITLE:  
EXISTING  
CONDITIONS

SHEET NUMBER:  
**G103**

MULTIBEAM SURVEY

NOTES

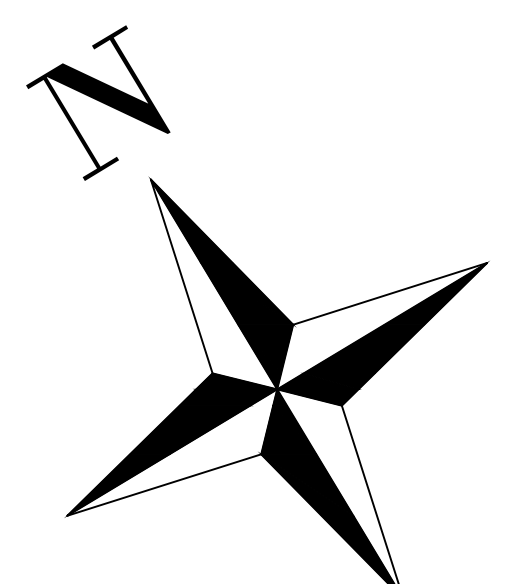
1. HORIZONTAL DATUM: NAD83 (2011) (EPOCH 2010.00), ALASKA STATE PLANE ZONE 1, U.S. SURVEY FEET.
2. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW-0.0FT).
3. SURVEY DATA COLLECTED MAY 25, 2021 BY ETRAC INC.
4. THIS SURVEY REPRESENTS CONDITIONS AT TIME OF SURVEY.
5. POSITIONING AND MOTION DATA WAS COLLECTED USING AN APPLANIX POS MV V5.
6. MULTIBEAM DATA COLLECTED WITH AN R2 SONIC 2024 MULTIBEAM ECHOSOUNDER OPERATING AT 450 KHZ.
7. SOUNDINGS BINNED AT 24 FT AND ARE MEAN VALUE.
8. CONTOURS ARE BINNED AT 1 FOOT AND ARE MEAN VALUE.
9. LINEWORK SCALED FROM AERIAL IMAGERY.



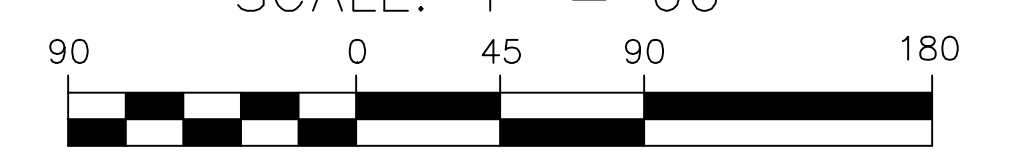
eTrac Inc.  
250 SE Main Hill Dr  
Port Orchard, WA 98366  
907.521.3370  
etrac.com



Haines Borough  
Ports & Harbors  
22 Beach Road  
Haines, AK 99827



SCALE: 1" = 60'



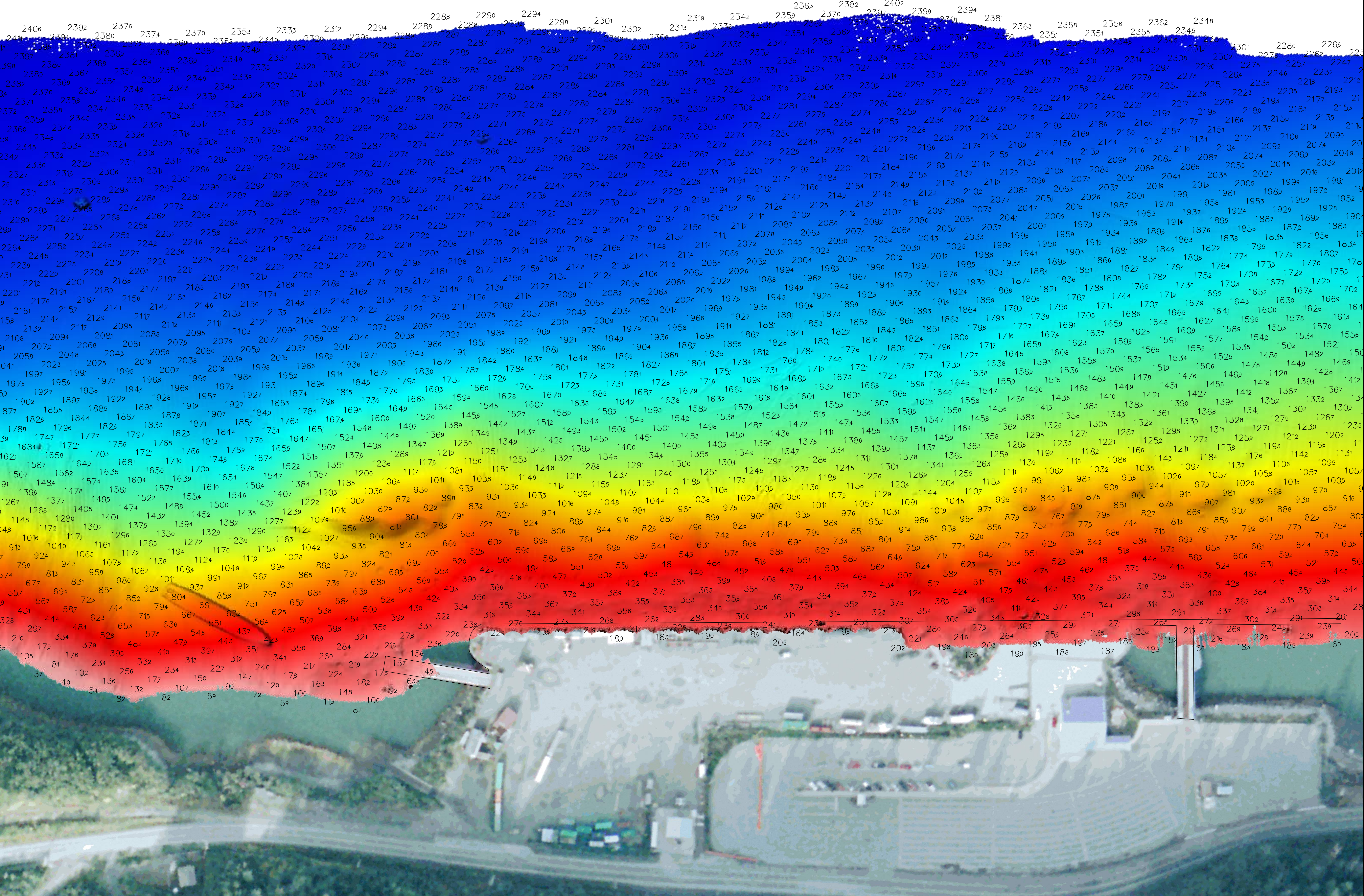
IF SHEET IS OTHER THAN 34x44 DRAWING IS NOT TO SCALE, SCALE ACCORDINGLY

PLOT DATE: June 18, 2021  
DESIGNED BY: ALT  
CHECKED: RR  
FILE: HAINES\_2021\_Lutak Inlet.dwg

OVERVIEW

MULTIBEAM SURVEY

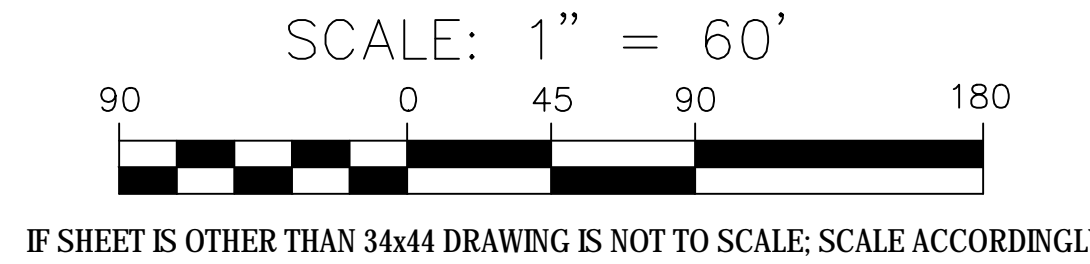
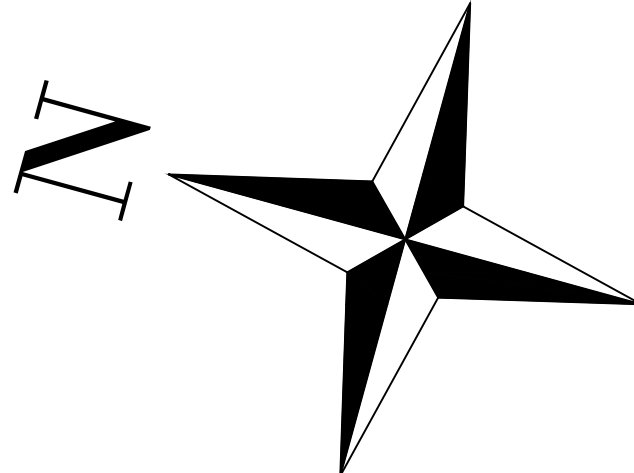
- NOTES
1. HORIZONTAL DATUM: NAD83 (2011) (EPOCH 2010.00), ALASKA STATE PLANE ZONE 1, U.S. SURVEY FEET.
  2. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW-0.0FT).
  3. SURVEY DATA COLLECTED MAY 25, 2021 BY ETAC INC.
  4. THIS SURVEY REPRESENTS CONDITIONS AT TIME OF SURVEY.
  5. POSITIONING AND MOTION DATA WAS COLLECTED USING AN APPLANIX POS MV V5.
  6. MULTIBEAM DATA COLLECTED WITH AN R2 SONIC 2024 MULTIBEAM ECHOSOUNDER OPERATING AT 450 KHZ.
  7. SOUNDINGS BINNED AT 24 FT AND ARE MEAN VALUE.
  8. CONTOURS ARE BINNED AT 1 FOOT AND ARE MEAN VALUE.
  9. LINWORK SCALED FROM AERIAL IMAGERY.



**eTrac** Inc.  
2501 SE Main Hill Dr  
Festus, OR 97108  
503.321.3370  
eTrac.com



Haines Borough  
Ports & Harbors  
22 Beach Road  
Haines, AK 99827

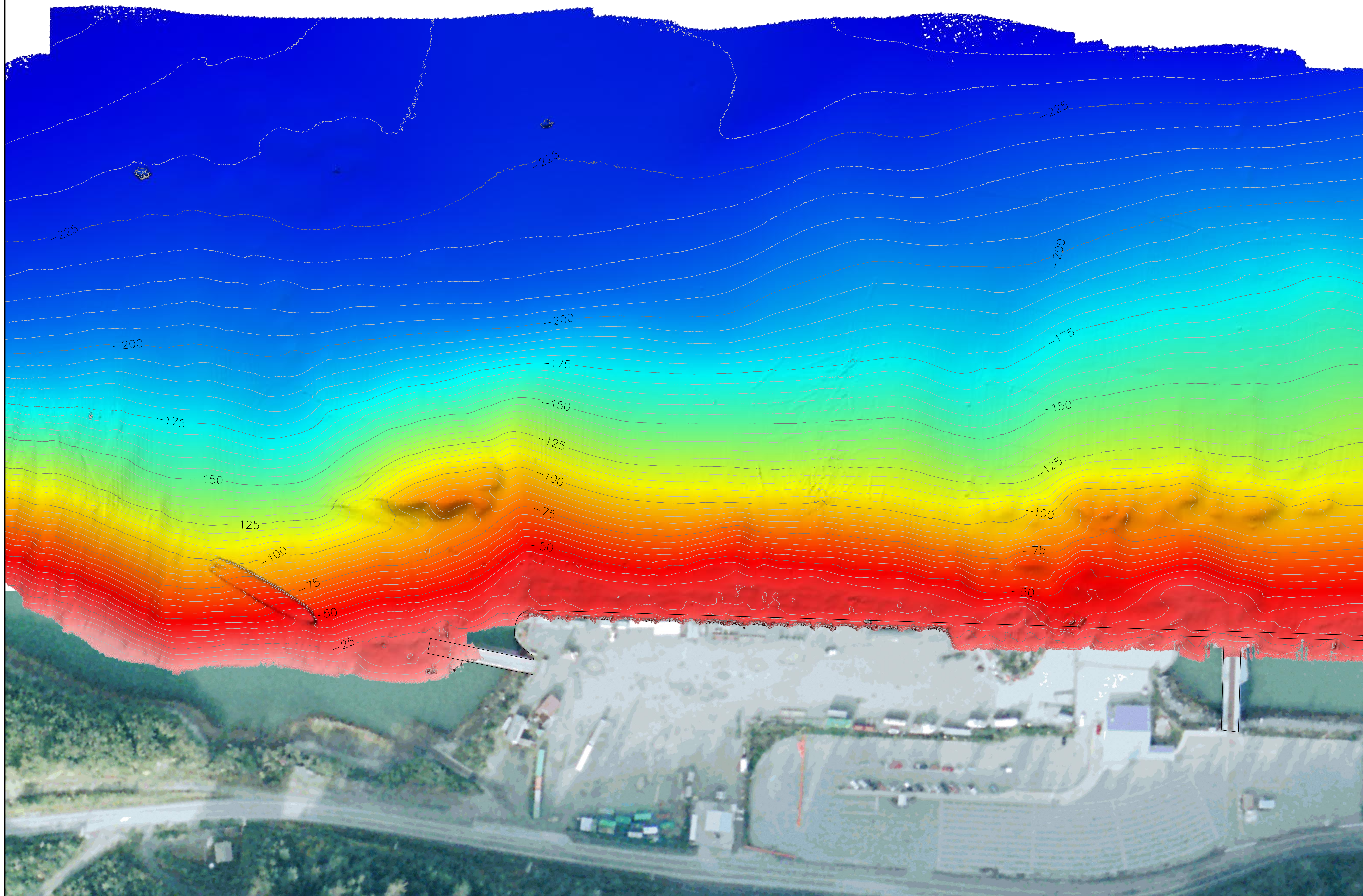


PLOT DATE: June 18, 2021  
DESIGNED BY: ALT  
CHECKED: RR  
FILE: HAINES\_2021\_Lutak Inlet.dwg

MULTIBEAM SURVEY

NOTES

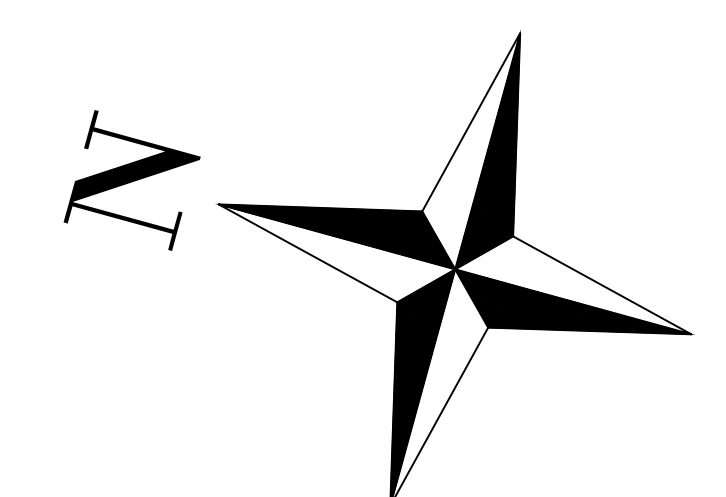
1. HORIZONTAL DATUM: NAD83 (2011) (EPOCH 2010.00), ALASKA STATE PLANE ZONE 1, U.S. SURVEY FEET.
2. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW-0.0FT).
3. SURVEY DATA COLLECTED MAY 25, 2021 BY ETRAC INC.
4. THIS SURVEY REPRESENTS CONDITIONS AT TIME OF SURVEY.
5. POSITIONING AND MOTION DATA WAS COLLECTED USING AN APPLANIX POS MV V5.
6. MULTIBEAM DATA COLLECTED WITH AN R2 SONIC 2024 MULTIBEAM ECHOSOUNDER OPERATING AT 450 KHZ.
7. SOUNDINGS BINNED AT 24 FT AND ARE MEAN VALUE.
8. CONTOURS ARE BINNED AT 1 FOOT AND ARE MEAN VALUE.
9. LINEWORK SCALED FROM AERIAL IMAGERY.



eTrac Inc.  
250 SE Main Hill Dr  
Port Orchard, WA 98366  
907.521.3370  
etrac.com



Haines Borough  
Ports & Harbors  
22 Beach Road  
Haines, AK 99827



SCALE: 1" = 60'

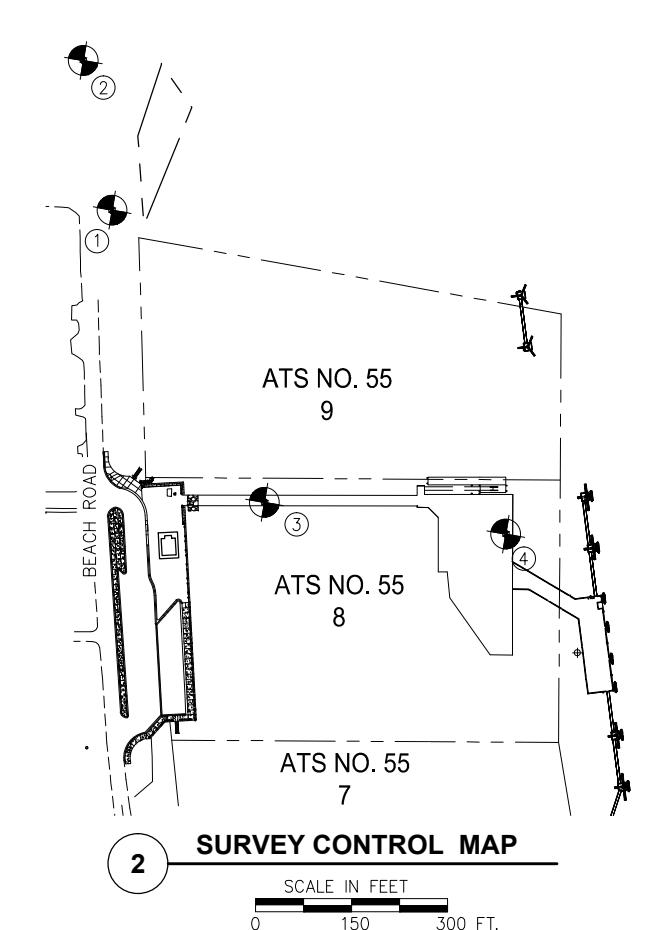
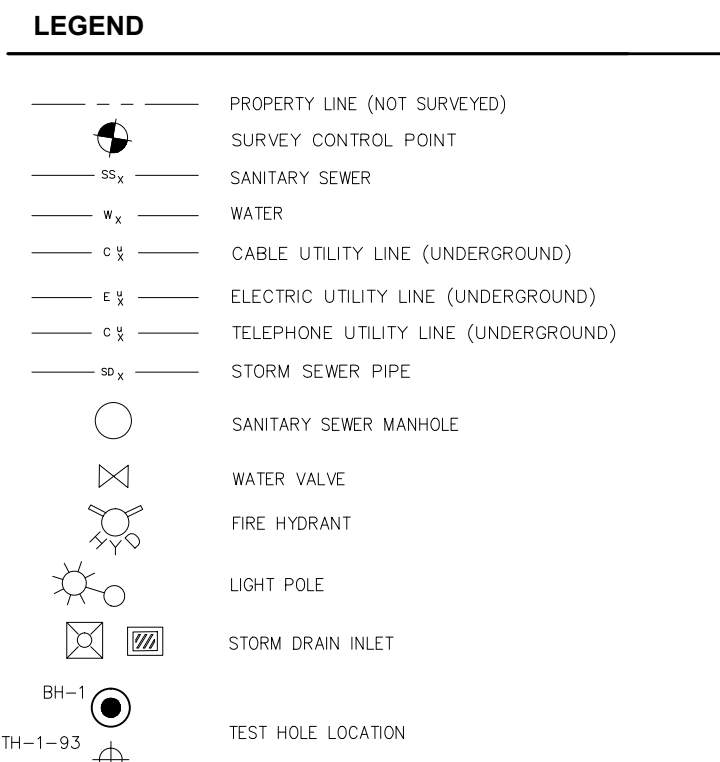
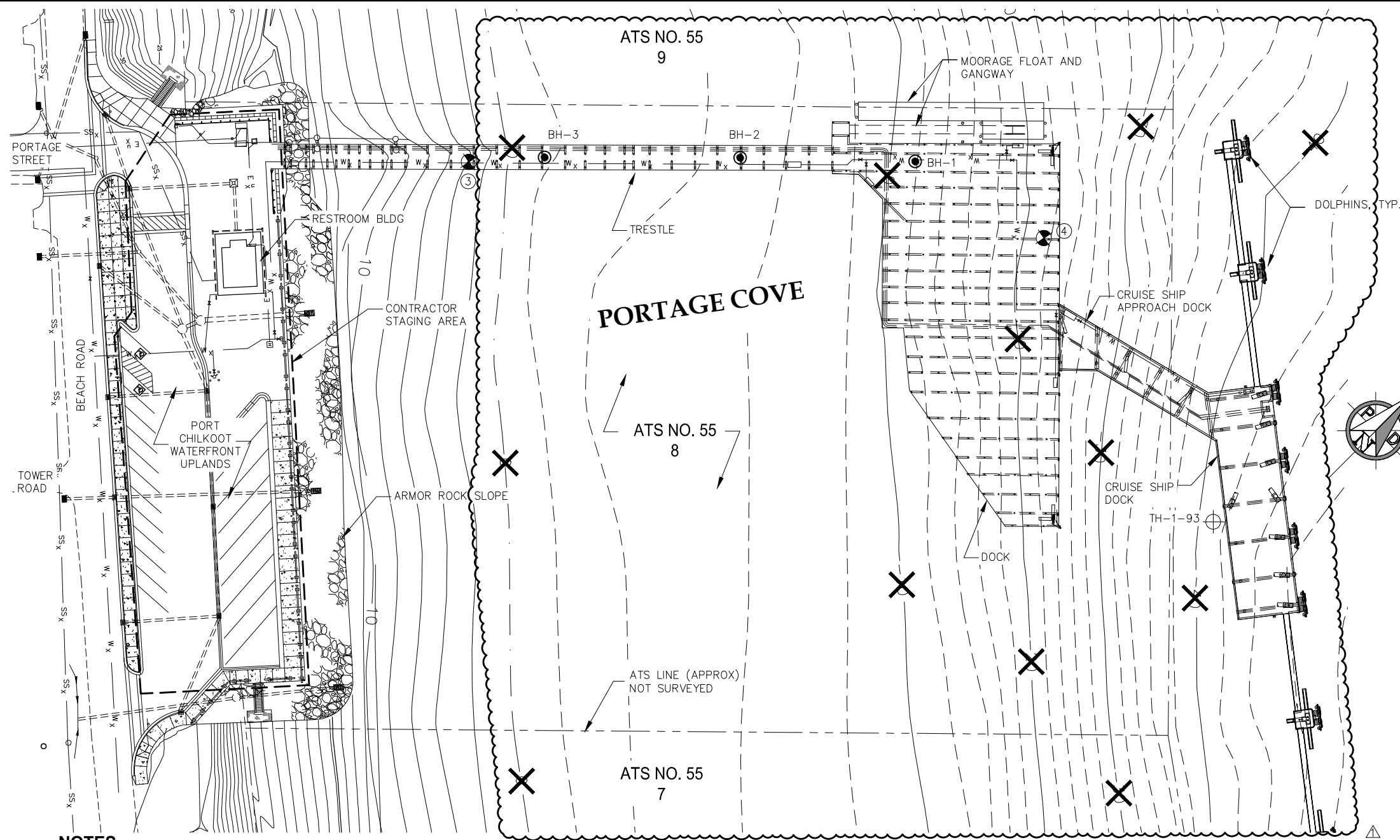


IF SHEET IS OTHER THAN 34x44 DRAWING IS NOT TO SCALE. SCALE ACCORDINGLY

PLOT DATE: June 18, 2021  
DESIGNED BY: ALT  
CHECKED: RR  
FILE: HAINES\_2021\_Lutak Inlet.dwg

CONTOURS & DEM

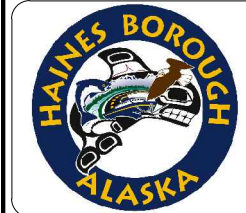




- ### NOTES
- TOPOGRAPHIC SURVEY WAS CONDUCTED IN JULY 2011.
  - HORIZONTAL CONTROL IS ON A LOCAL GRID SYSTEM.
  - VERTICAL DATUM FOR THIS SURVEY IS MLLW = 0.0'. THE BASIS OF VERTICAL CONTROL WAS ESTABLISHED HOLDING BENCHMARK "HH-1" AS 25.93 FEET. BENCHMARK "HH-1" IS A U.S.A.C.E. BRASS CAP LOCATED NEAR A WEATHER STATION ON THE NORTH SIDE SPIT OF HAINES HARBOR.
  - SEE U.S.A.C.E CONDITION SURVEY DRAWING TITLED "HAINES HARBOR CONDITION SURVEY, MAY 16, 2000."
  - UPLANDS INFORMATION IS SHOWN FROM DESIGN DOCUMENTS AND DOES NOT REPRESENT SURVEYED INFORMATION.
  - ALL SOIL SAMPLES VISUALLY CLASSIFIED IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM, ASTM D 2488, STANDARD PRACTICE FOR DESCRIPTION AND IDENTIFICATION OF SOILS (VISUAL-MANUAL PROCEDURE).
  - SEE SHEET P2.01 FOR LEAD-LINE BATHYMETRIC FIELD MEASUREMENTS WHICH SUPERCEDE TOPOGRAPHIC DATA ON THIS SHEET.

### SURVEY CONTROL

POINT	NORTHING	EASTING	ELEV.	DESCRIPTION
①	16922.66	10678.81	38.77	USS 2716 MON IN SIDEWALK
②	17054.68	10479.89	50.48	ADOT&PF BRASS CAP IN ROAD
③	16773.23	11172.11	34.52	MAGNAIL IN TRESTLE DECK
④	17007.76	11470.76	34.11	MAGNAIL IN DOCK DECK



**RECORD DRAWINGS**

THESE DRAWINGS REFLECT RECORDED INFORMATION PROVIDED DURING CONSTRUCTION.

INFORMATION PROVIDED HEREIN IS ACCURATE TO THE BEST OF MY KNOWLEDGE.

DATE: NOVEMBER 2014

### REVISIONS

REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.
▲	11/2014	UPDATED BATHYMETRIC MEASUREMENTS	DRD	SRV	CRS

**PND ENGINEERS, INC.**

9360 Glacier Highway Ste 100  
Juneau, Alaska 99801  
Phone: 907-586-2093  
Fax: 907-586-2099  
www.pndengineers.com

DESIGN: SRY CHECKED: CRS SCALE: AS SHOWN  
DRAWN: SRY APPROVED: CRS

DATE: 3/1/13

**HAINES BOROUGH PORT CHILKOOT DOCK RENOVATION**

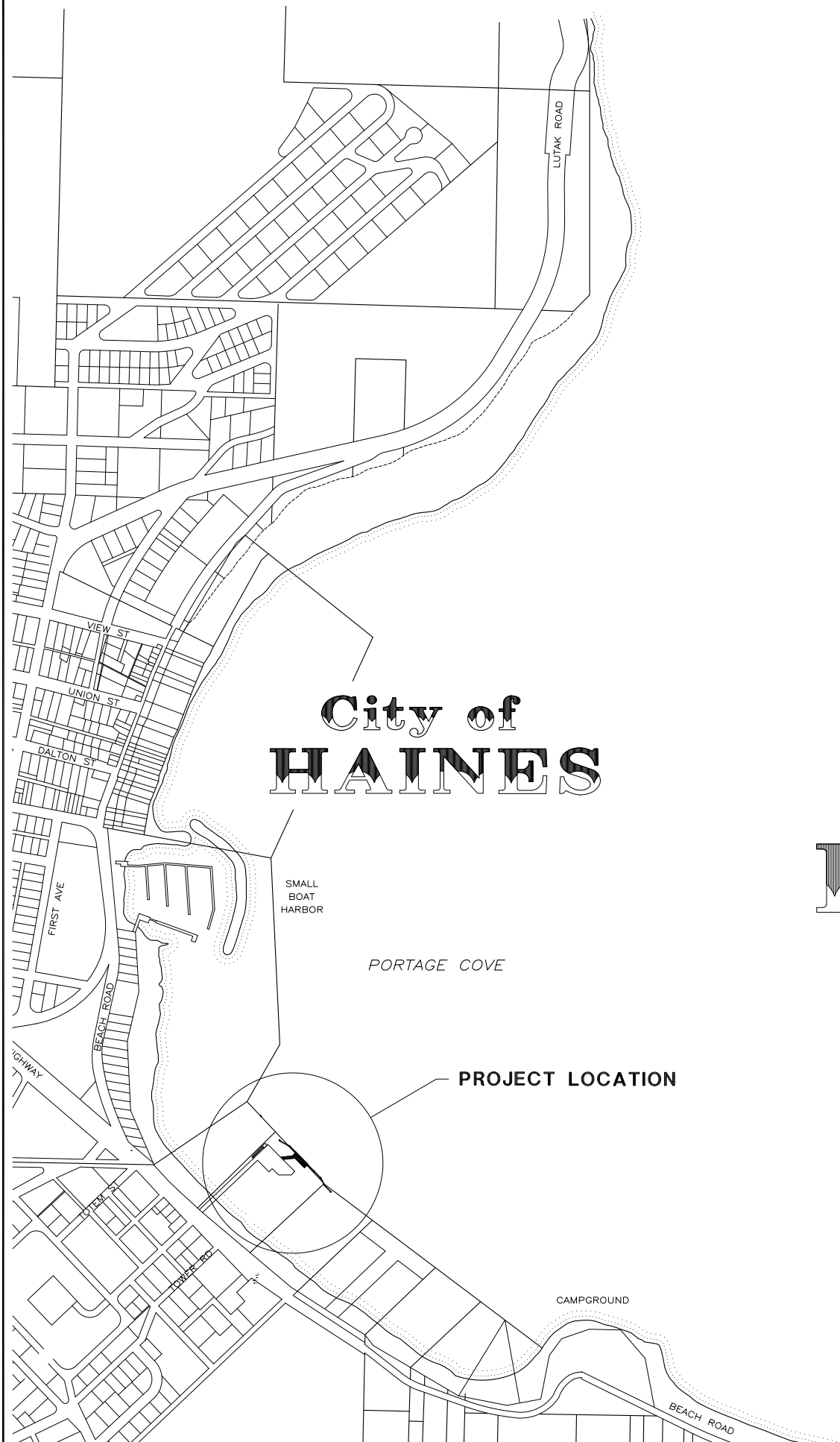
SHEET TITLE: **EXISTING CONDITIONS, SURVEY CONTROL AND TEST HOLE LOCATIONS**

PND PROJECT NO.: 112048.08 DWG. FILE: 1.03.DWG

**P1.03**  
SHEET 3 OF 62

**INDEX**

SHEET	TITLE
1	COVER SHEET AND INDEX
2	SITE PLAN
3	FOUNDATION PLAN
4	FRAMING
5	PILE SCHEDULE
6	PILE CAPS
7	APPROACH DOCK PILE CAPS
8	BULLRAIL/HANDRAIL
9	LADDERS AND TIMBER FENDERS
10	BREASTING DOLPHIN
11	MOORING DOLPHIN
12	DOLPHIN CAPS
13	CATWALK
14	HEAVY DUTY FENDER
15	FUEL LINE MODIFICATIONS
16	GENERAL NOTES AND SIGNS



**City of  
HAINES**

# PORT CHILKOOT DOCK EXPANSION HAINES - ALASKA

Peratrovich, Nottingham & Drage, Inc. (PN&D) is not responsible for safety programs, methods, procedures of operation, or the construction of the design shown on these drawings. Drawings are for use on this project only and are not intended for reuse without written approval from PN&D. Drawings are also not to be used in any manner that would constitute a detriment directly or indirectly to Peratrovich, Nottingham & Drage, Inc.

**PORT CHILKOOT  
DOCK EXPANSION**

Designed: CG/TN  
 Drawn: TG/SS  
 Checked: BG  
 Project No.: 93229

**Peratrovich, Nottingham & Drage, Inc.**  
 Engineering Consultants  
 3220 Hospital Drive, Suite 200  
 Juneau, Alaska 99801  
 Ph: (907) 586-2093 Fax: (907) 586-2099

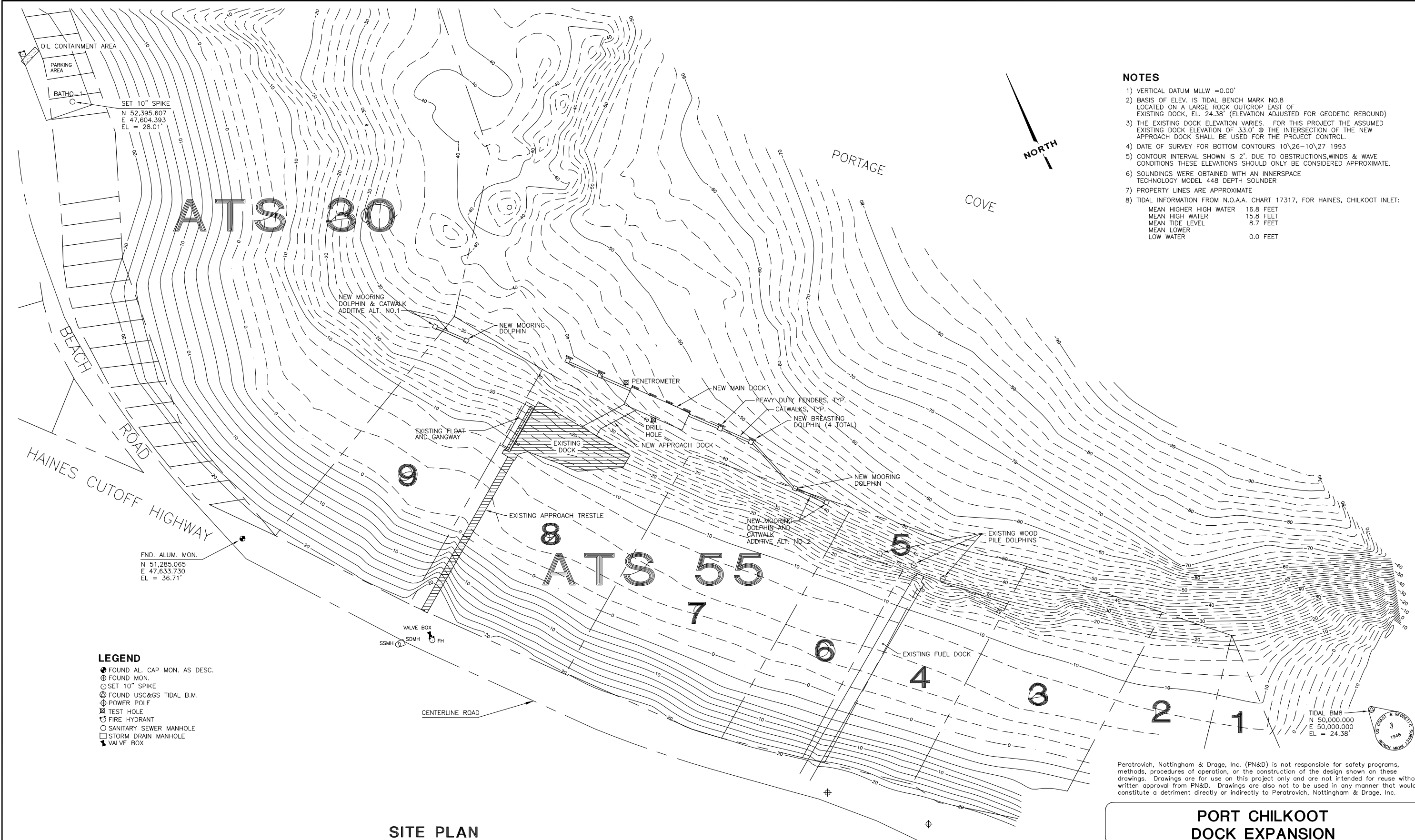
Date: DEC. 1, 1994  
 Scale:

**COVER SHEET AND INDEX**

**FOR CONSTRUCTION**

Ref. No.: 93229-1

Sheet  
**1** of 16



- NOTES**
- 1) VERTICAL DATUM MLLW = 0.00'
  - 2) BASIS OF ELEV. IS TIDAL BENCH MARK NO.8 LOCATED ON A LARGE ROCK OUTCROP EAST OF EXISTING DOCK, EL. 24.38' (ELEVATION ADJUSTED FOR GEODETIC REBOUND)
  - 3) THE EXISTING DOCK ELEVATION VARIES. FOR THIS PROJECT THE ASSUMED EXISTING DOCK ELEVATION OF 33.0' @ THE INTERSECTION OF THE NEW APPROACH DOCK SHALL BE USED FOR THE PROJECT CONTROL.
  - 4) DATE OF SURVEY FOR BOTTOM CONTOURS 10\26-10\27 1993
  - 5) CONTOUR INTERVAL SHOWN IS 2'. DUE TO OBSTRUCTIONS, WINDS & WAVE CONDITIONS THESE ELEVATIONS SHOULD ONLY BE CONSIDERED APPROXIMATE.
  - 6) SOUNDINGS WERE OBTAINED WITH AN INnersPACE TECHNOLOGY MODEL 448 DEPTH SOUNDER
  - 7) PROPERTY LINES ARE APPROXIMATE
  - 8) TIDAL INFORMATION FROM N.O.A.A. CHART 17317, FOR HAINES, CHILKOOT INLET:
 

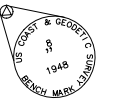
MEAN HIGHER HIGH WATER	16.8 FEET
MEAN HIGH WATER	15.8 FEET
MEAN TIDE LEVEL	8.7 FEET
MEAN LOWER	
LOW WATER	0.0 FEET

- LEGEND**
- FOUND AL. CAP MON. AS DESC.
  - ⊕ FOUND MON.
  - ⊙ SET 10" SPIKE
  - ⊗ FOUND USC&GS TIDAL B.M.
  - ⊕ POWER POLE
  - ⊗ TEST HOLE
  - ⊕ FIRE HYDRANT
  - SANITARY SEWER MANHOLE
  - STORM DRAIN MANHOLE
  - ⊕ VALVE BOX

SET 10" SPIKE  
 N 52,395.607  
 E 47,604.393  
 EL = 28.01'

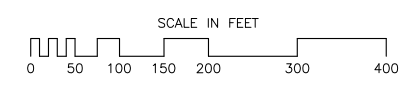
FND. ALUM. MON.  
 N 51,285.065  
 E 47,633.730  
 EL = 36.71'

TIDAL B.M. NO. 8  
 N 50,000.000  
 E 50,000.000  
 EL = 24.38'



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**SITE PLAN**



Designed: TI/TG  
 Drawn: TG/SS  
 Checked: BG  
 Project No.: 93229

**PORT CHILKOOT DOCK EXPANSION**

**pn Peratrovich, Nottingham & Drage, Inc.**  
 Engineering Consultants  
 3220 Hospital Drive, Suite 200  
 Juneau, Alaska 99801  
 Ph: (907) 586-2093 Fax: (907) 586-2099

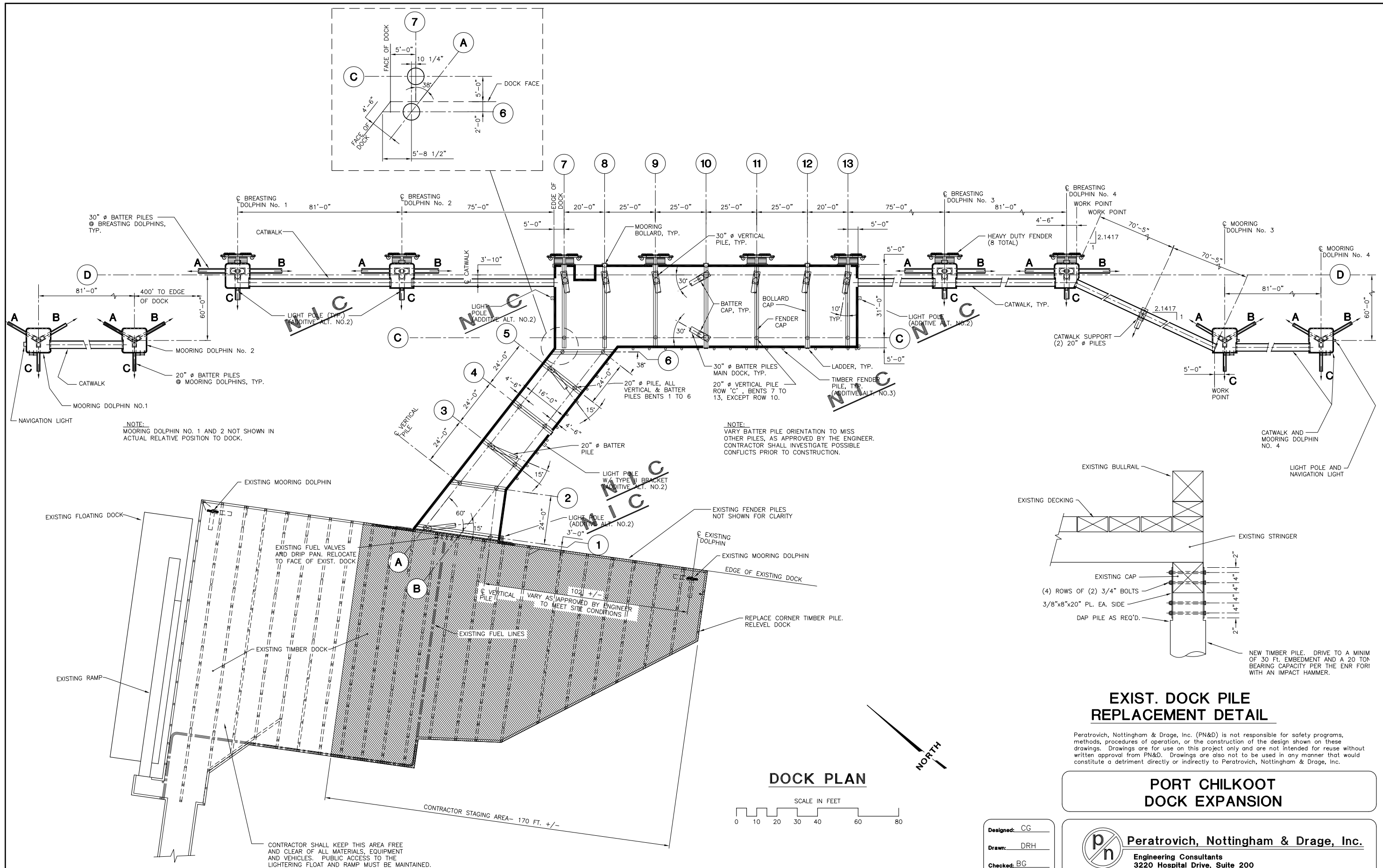
**SITE PLAN**

Sheet  
**2 of 16**

**FOR BIDDING PURPOSES ONLY**

Ref. No.: 93229-2

Date: MAY 10, 94'  
 Scale: 1"=100'



NOTE:  
MOORING DOLPHIN NO. 1 AND 2 NOT SHOWN IN ACTUAL RELATIVE POSITION TO DOCK.

NOTE:  
VARY BATTER PILE ORIENTATION TO MISS OTHER PILES, AS APPROVED BY THE ENGINEER. CONTRACTOR SHALL INVESTIGATE POSSIBLE CONFLICTS PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL KEEP THIS AREA FREE AND CLEAR OF ALL MATERIALS, EQUIPMENT AND VEHICLES. PUBLIC ACCESS TO THE LIGHTERING FLOAT AND RAMP MUST BE MAINTAINED.

**PORT CHILKOOT DOCK EXPANSION**

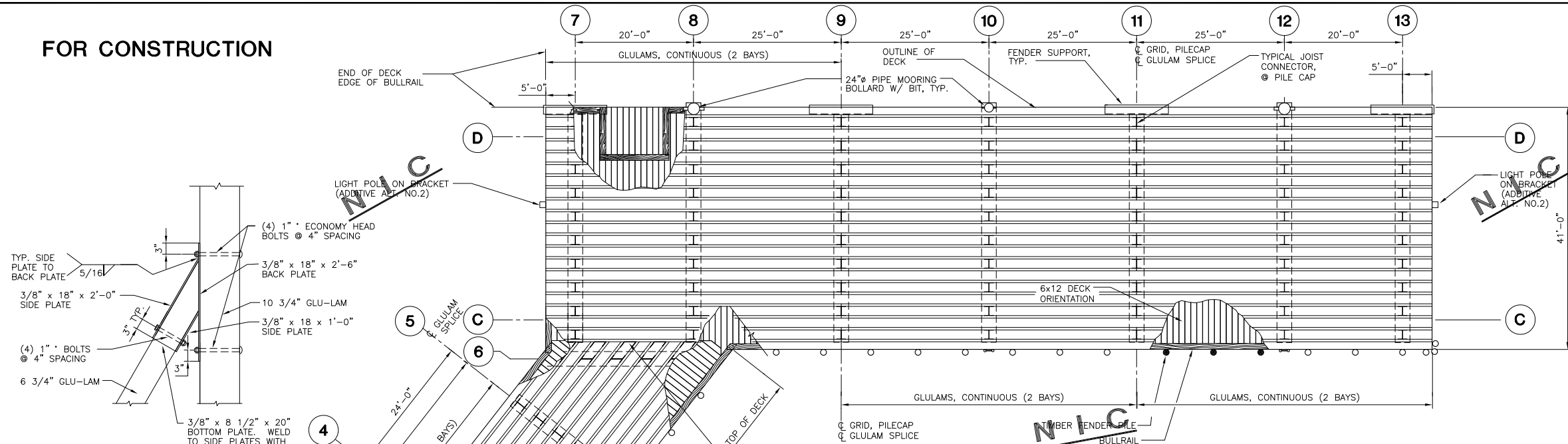
**Peratrovich, Nottingham & Drage, Inc.**  
Engineering Consultants  
3220 Hospital Drive, Suite 200  
Juneau, Alaska 99801  
Ph: (907) 586-2093 Fax: (907) 586-2099

Designed: CG  
Drawn: DRH  
Checked: BG  
Project No.: 93229

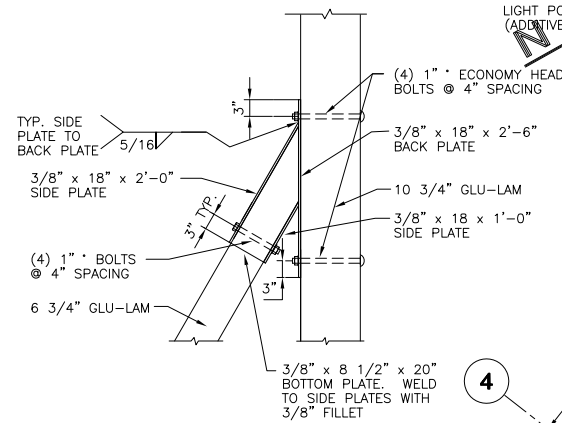
Date: DEC. 1, 1994  
Scale:

**FOUNDATION PLAN**  
Sheet 3 of 16

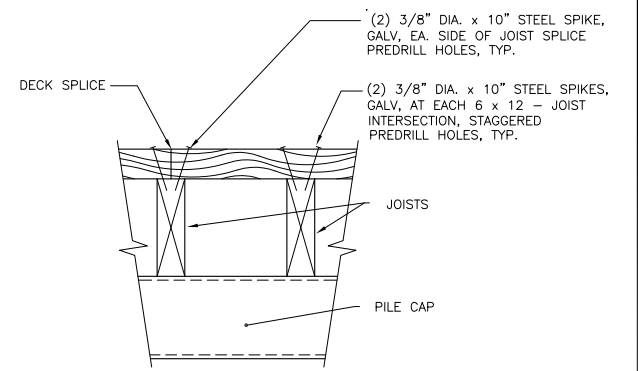
**FOR CONSTRUCTION**



**DOCK FRAMING PLAN**

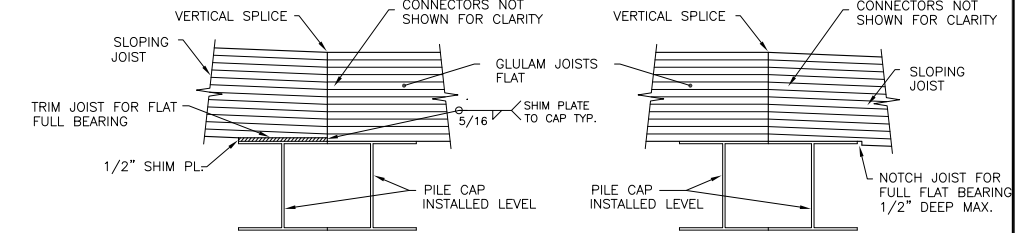


**JOIST HANGER**



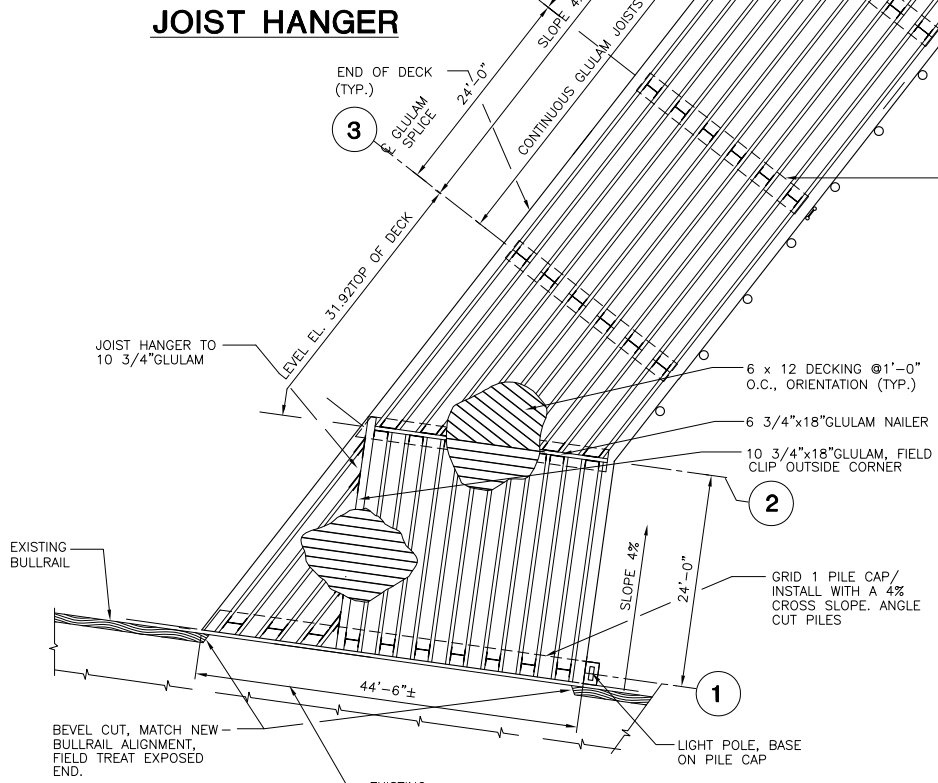
**TYPICAL DECK TO JOIST CONNECTION**

- NOTES**
- 1.) ALL DECK TIMBER SHALL BE SUPPORTED BY A MINIMUM OF TWO JOISTS.
  - 2.) DECK SHALL BE SPLICED AT RANDOM LAYOUT WITH NO TWO ADJACENT PIECES SPLICED AT SAME JOIST.
  - 3.) DECK TIMBER PIECES SHALL HAVE A MINIMUM LENGTH OF 12'-0", AT BULLRAIL POST LOCATIONS.

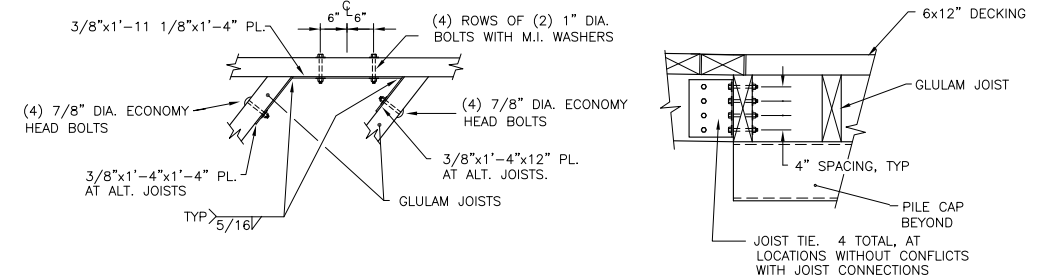


**SPLICE DETAIL GRID 2 AND 5**

**SPLICE DETAIL GRID 3**



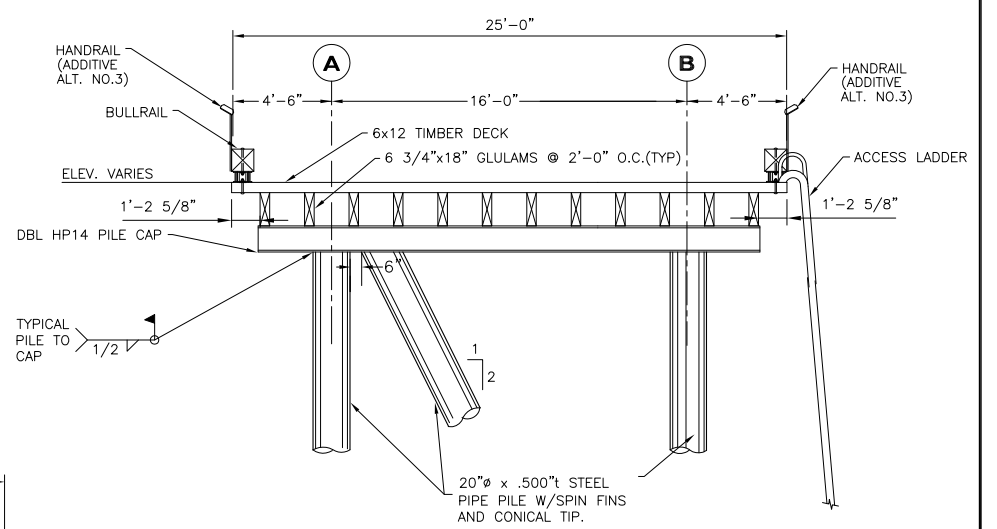
**EXIST. DOCK TO NEW APPROACH DOCK TRANSITION SECTION**



**PLAN**

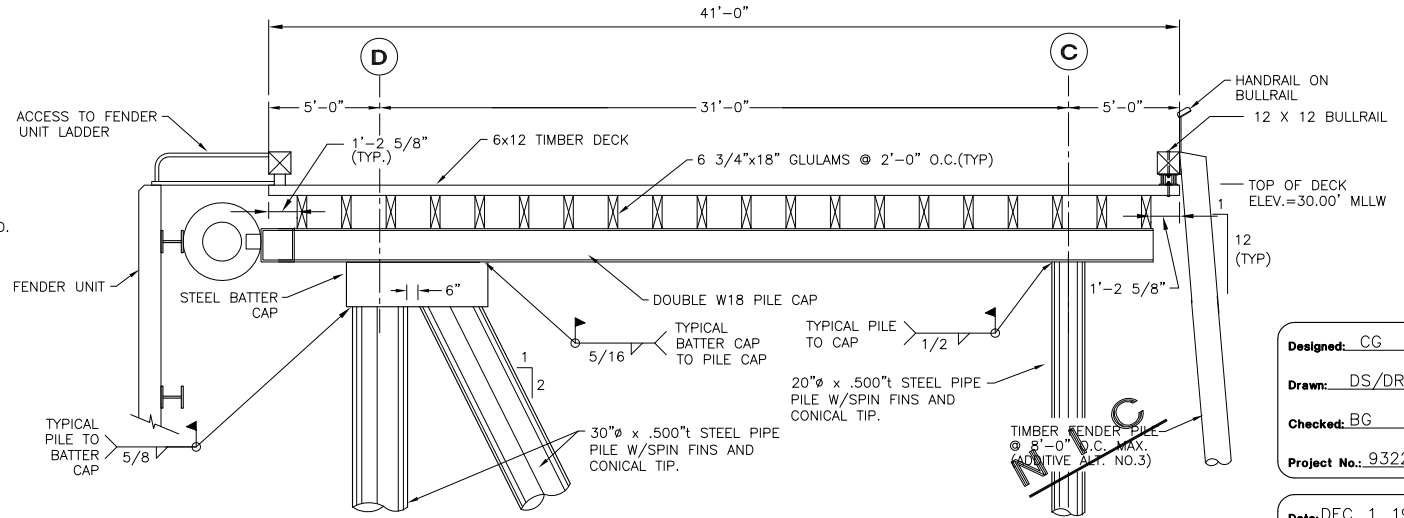
**SECTION**

**JOIST TIE**



**DOCK APPROACH SECTION**

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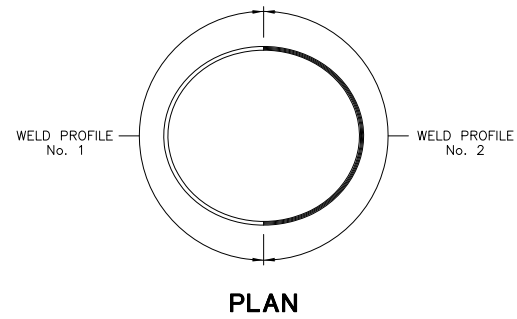
**DOCK SECTION**

REF.. 93229-4

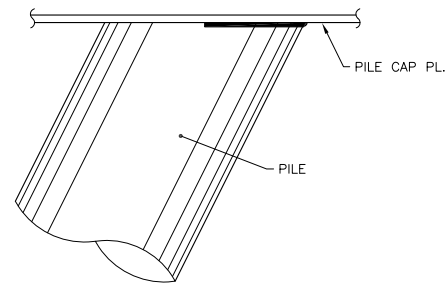
Designed: CG  
 Drawn: DS/DRH  
 Checked: BG  
 Project No.: 93229  
 Date: DEC. 1, 1994  
 Scale:

**PORT CHILKOOT DOCK EXPANSION**

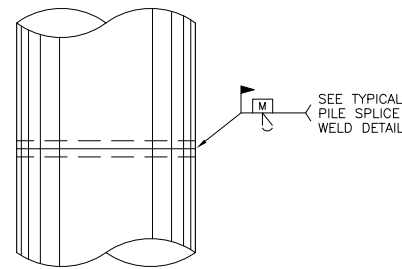
**Peratovich, Nottingham & Drage, Inc.**  
 Engineering Consultants  
 3220 Hospital Drive, Suite 200  
 Juneau, Alaska 99801  
 Ph: (907) 586-2093 Fax: (907) 586-2099



PLAN

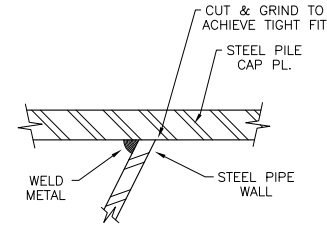


ELEVATION  
BATTER PILE WELD

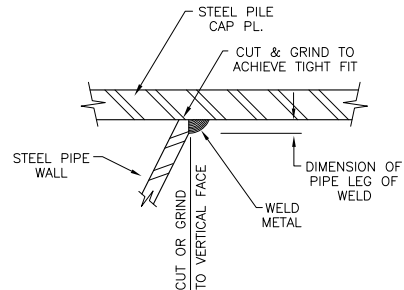


SPLICE

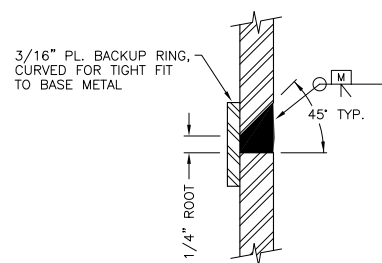
TYPICAL FOR ALL FIELD PIPE PILE SPLICES (SHOP WELDS, IF REQ'D. SIMILAR)



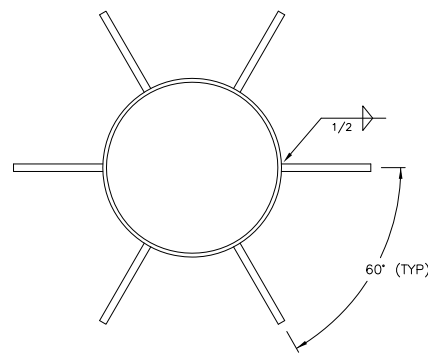
WELD PROFILE  
No. 1



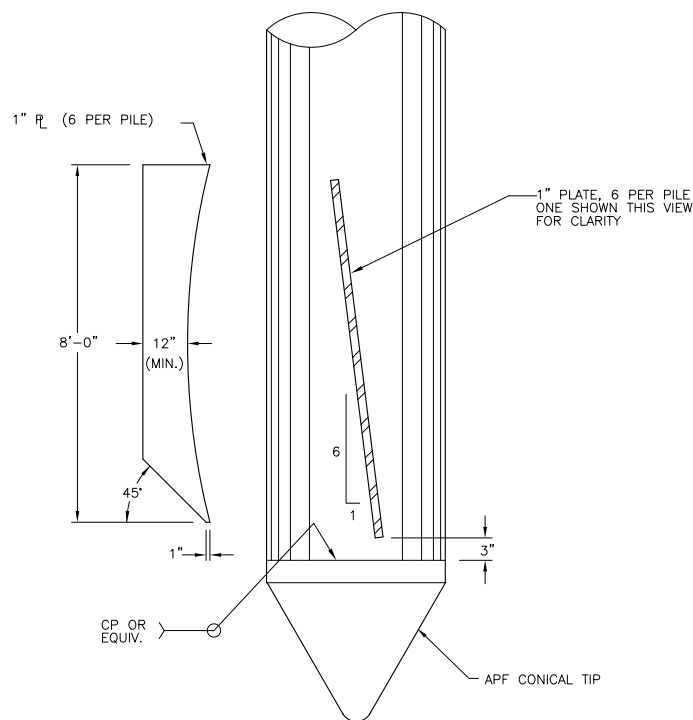
WELD PROFILE  
No. 2



TYPICAL SPLICE WELD

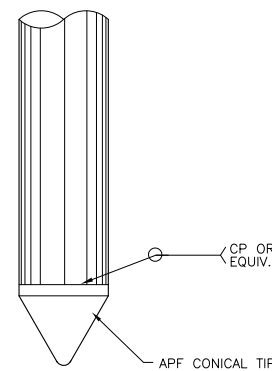


TYPICAL SPIN FIN TIP SECTION



SPIN FIN DETAIL

TYPICAL ALL STEEL PILES EXCEPT PIN PILES & CATWALK SUPPORT PILES



CONICAL TIP

ALL FENDER PIN PILE & CATWALK SUPPORT PILES

PILE SCHEDULE						
MARK	DIAMETER IN	WALL THICKNESS IN	COMPRESSION LOAD KIPS	TENSION LOAD KIPS	REQUIRED FURNISHED LENGTH FT	TIP TYPE
1A	20	0.500	80	-	120	SPIN FIN
1A BAT	20	0.500	40	40	100	
1B	20	0.500	80	-	120	
2A	20	0.500	80	-	120	
2B	20	0.500	80	-	120	
3A	20	0.500	80	-	130	
3A BAT	20	0.500	40	40	100	
3B	20	0.500	80	-	130	
4A	20	0.500	80	-	140	
4B	20	0.500	80	-	140	
5A	20	0.500	80	-	140	
5A BAT	20	0.500	40	40	130	
5B	20	0.500	80	-	140	
6A	20	0.500	80	-	140	
6B	20	0.500	80	-	140	
7C	20	0.500	100	-	140	
7D BAT	30	0.500	440	100	180	
7D	30	0.500	100	330	180	
8C	20	0.500	100	-	140	
8D	30	0.500	330	100	180	
8D BAT	30	0.500	100	330	180	
9C	20	0.500	100	-	140	
9D BAT	30	0.500	440	100	180	
9D	30	0.500	180	370	180	
10C	30	0.500	260	270	180	
10C BAT	30	0.500	330	270	180	
10D	30	0.500	300	230	180	
10D BAT	30	0.500	270	330	180	
11C	20	0.500	100	-	140	
11D BAT	30	0.500	440	100	180	
11D	30	0.500	180	370	180	
12C	20	0.500	100	-	140	
12D	30	0.500	330	100	180	
12D BAT	30	0.500	100	330	180	
13C	20	0.500	100	-	140	
13D BAT	30	0.500	440	100	180	
13D	30	0.500	100	370	180	
MD1 A	20	0.500	230	230	160	
MD1 B	20	0.500	230	230	160	
MD1 C	20	0.500	230	230	160	
MD2 A	20	0.500	230	230	160	
MD2 B	20	0.500	230	230	160	
MD2 C	20	0.500	230	230	160	
MD3 A	20	0.500	230	230	180	
MD3 B	20	0.500	230	230	180	
MD3 C	20	0.500	230	230	180	
MD4 A	20	0.500	230	230	180	
MD4 B	20	0.500	230	230	180	
MD4 C	20	0.500	230	230	180	
BD1 A	30	0.500	240	330	180	
BD1 B	30	0.500	240	330	180	
BD1 C	30	0.500	450	330	180	
BD2 A	30	0.500	240	330	180	
BD2 B	30	0.500	240	330	180	
BD2 C	30	0.500	450	330	180	
BD3 A	30	0.500	240	330	180	
BD3 B	30	0.500	240	330	180	
BD3 C	30	0.500	450	330	180	
BD4 A	30	0.500	240	330	180	
BD4 B	30	0.500	240	330	180	
BD4 C	30	0.500	450	330	180	
CW A	20	0.500	20	-	120	
CW B	20	0.500	20	-	120	
FEN-7	20	0.625	20	-	120	
FEN-7	20	0.625	20	-	120	
FEN-9	20	0.625	20	-	120	
FEN-9	20	0.625	20	-	120	
FEN-11	20	0.625	20	-	120	
FEN-11	20	0.625	20	-	120	
FEN-13	20	0.625	20	-	120	
FEN-13	20	0.625	40	-	120	
FEN-BD1	20	0.625	20	-	120	
FEN-BD1	20	0.625	20	-	120	
FEN-BD2	20	0.625	20	-	120	
FEN-BD2	20	0.625	20	-	120	
FEN-BD3	20	0.625	20	-	120	
FEN-BD3	20	0.625	20	-	120	
FEN-BD4	20	0.625	20	-	120	
FEN-BD4	20	0.625	20	-	120	

SPIN FIN CONICAL TIP

CONICAL TIP

- NOTE:
- 1) BD1 Indicates Breasting Dolphin No. 1
  - 2) MD1 Indicates Mooring Dolphin No.1
  - 3) CW Indicates Catwalk Support
  - 4) BAT indicates a batter pile
  - 5) FEN-7 indicates a fender pile

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**PORT CHILKOOT DOCK EXPANSION**

Designed: CG  
Drawn: SS/DRH  
Checked: BG  
Project No.: 93229

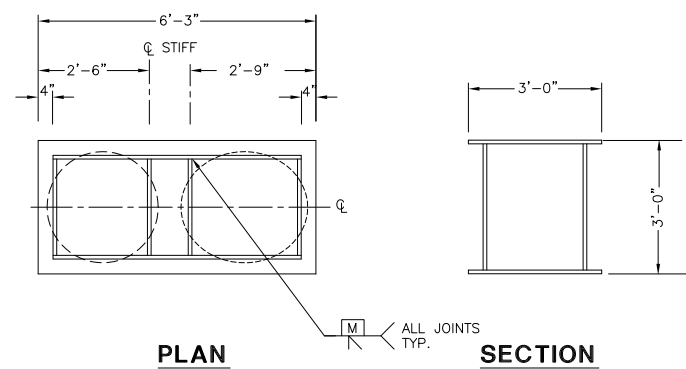
**Peratrovich, Nottingham & Drage, Inc.**  
Engineering Consultants  
3220 Hospital Drive, Suite 200  
Juneau, Alaska 99801  
Ph: (907) 586-2093 Fax: (907) 586-2099

Date: DEC. 1, 1994  
Scale:

**PILE SCHEDULE**

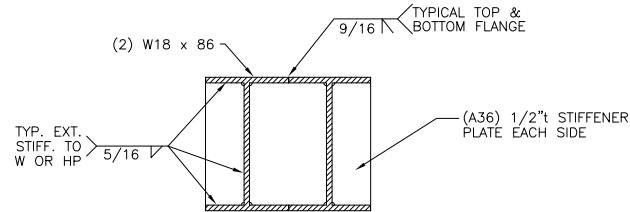
FOR CONSTRUCTION

Ref. No.: 93229-5



PLAN

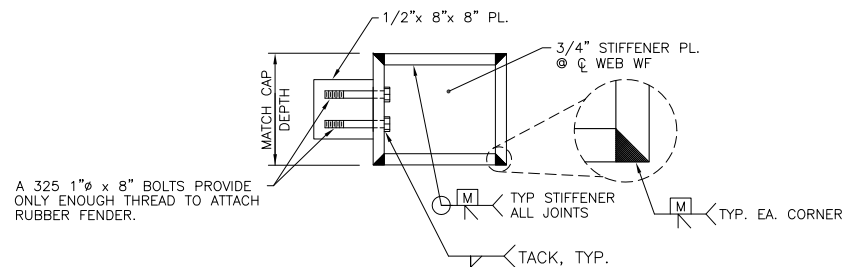
SECTION



TYPICAL PILE CAP SECTION

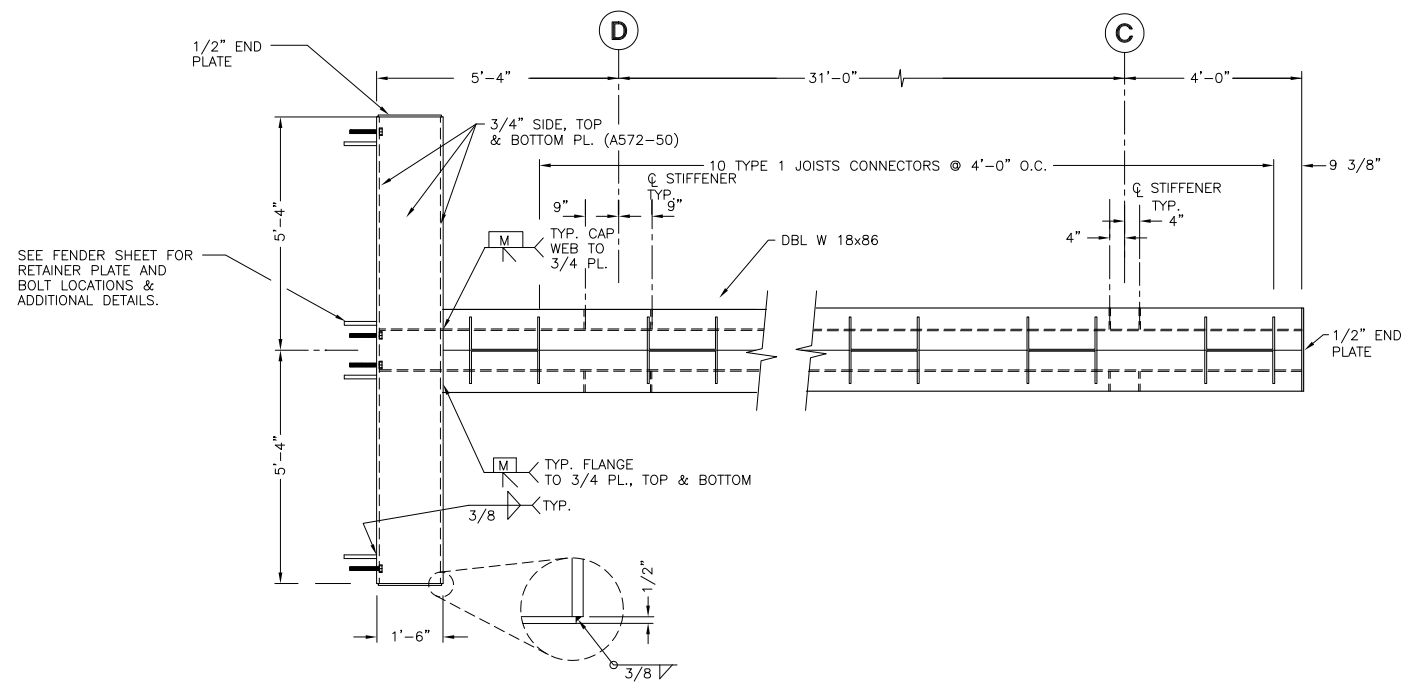
**BATTER CAP**

ALL R'S t=1"

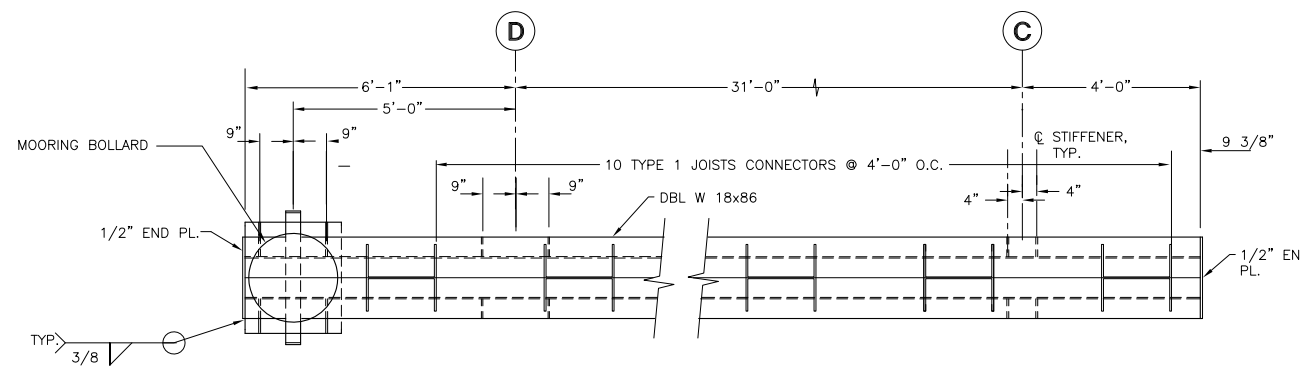


**FENDER SUPPORT SECTION**

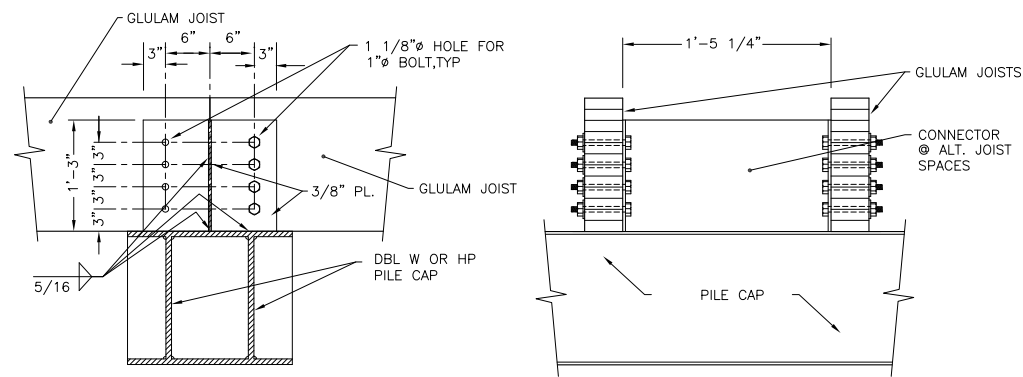
NOTE: FABRICATOR TO SUPPLY DETAILED SEQUENCE FOR FABRICATION OF CAP AND FENDER SUPPORT TO INSURE PLACEMENT OF ALL REQUIRED WELDS.



PLAN GRID 7, 9, 11, 13 PILE CAP



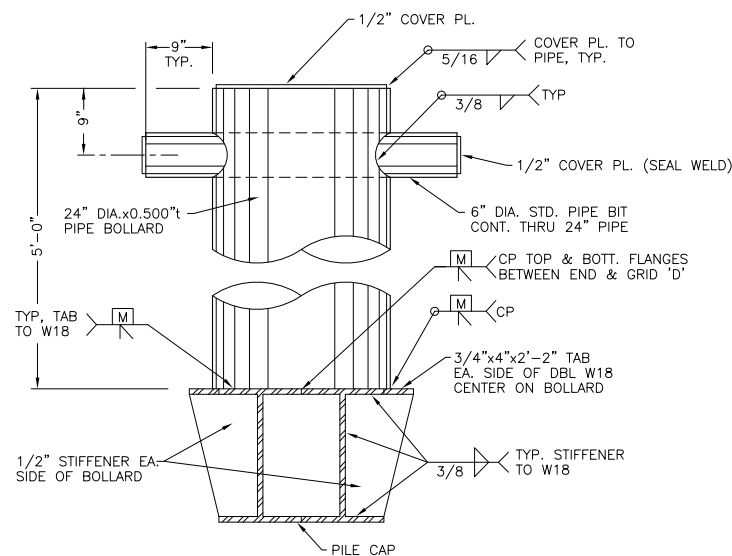
PLAN GRID 8, 10, 12 PILE CAP



ELEVATION

SECTION

TYPE 1 JOIST CONNECTOR



MOORING BOLLARD/BIT

**FOR CONSTRUCTION**

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**PORT CHILKOOT DOCK EXPANSION**

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Engineering Consultants  
3220 Hospital Drive, Suite 200  
Juneau, Alaska 99801  
Ph: (907) 586-2093 Fax: (907) 586-2099

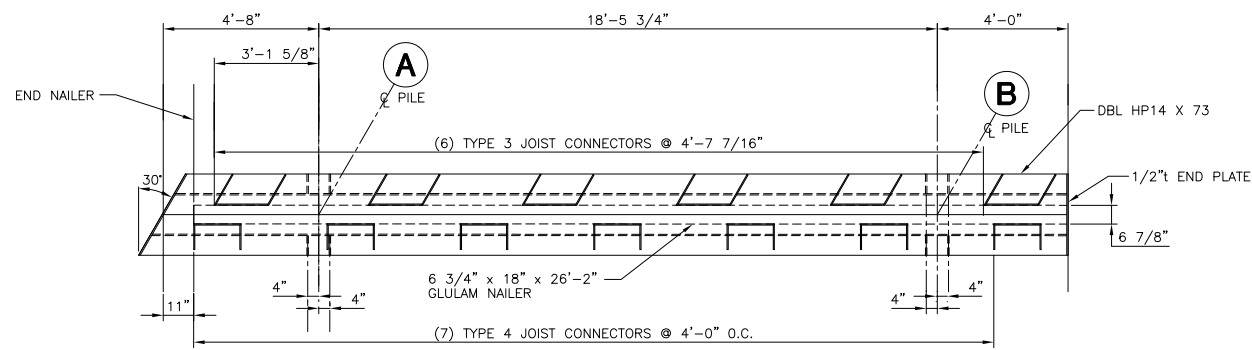
Designed: CG  
Drawn: DS/DRH  
Checked: BG  
Project No.: 93229

Date: DEC. 1, 1994  
Scale:

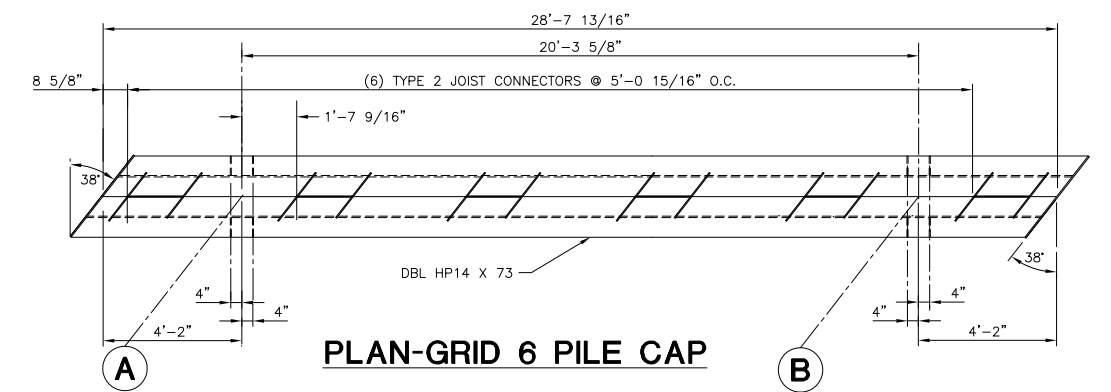
Ref. No.: 93229-6

**PILE CAPS**

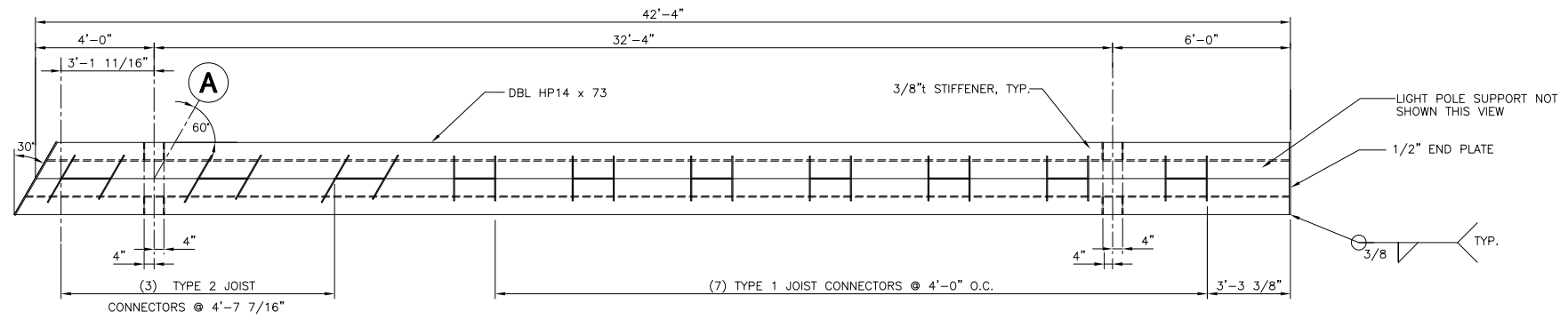
Sheet  
**6** of 16



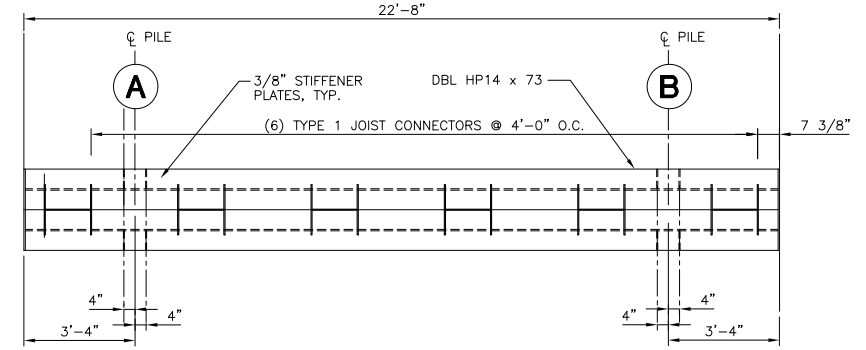
PLAN-GRID 2 PILE CAP



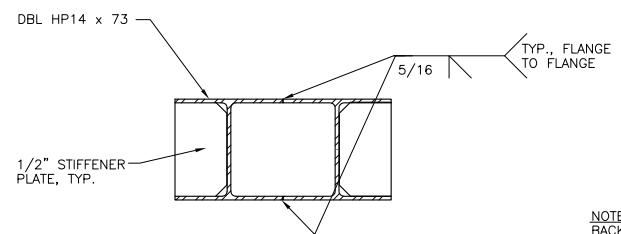
PLAN-GRID 6 PILE CAP



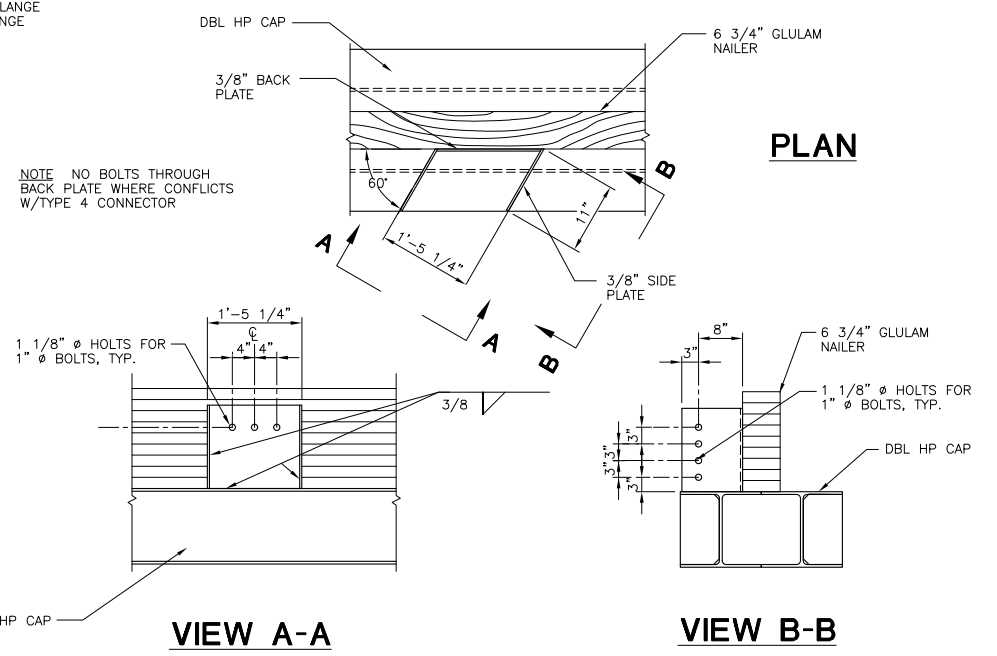
PLAN-GRID 1 PILE CAP



PLAN-GRID 3,4,5 PILE CAP

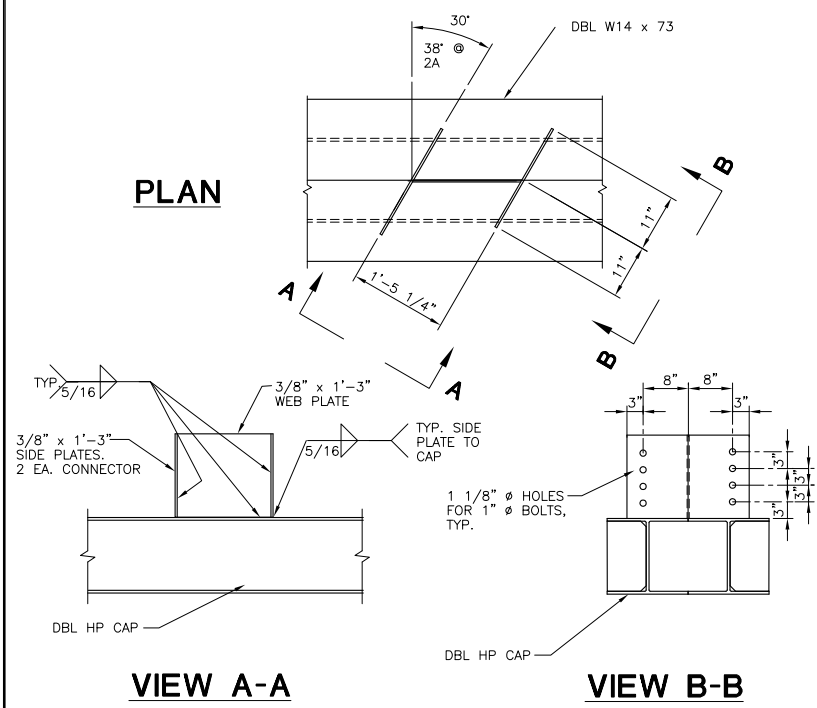


APPROACH DOCK PILE CAP SECTION

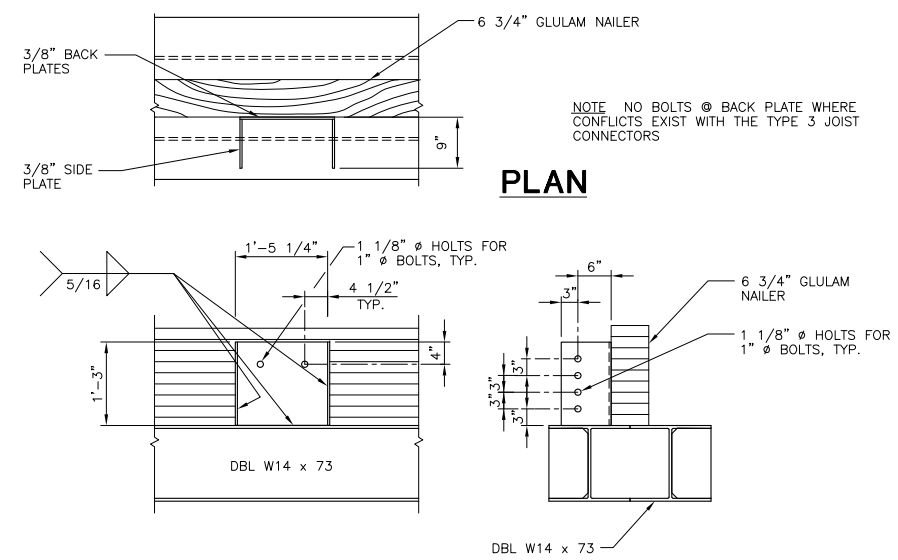


TYPE 3 JOIST CONNECTOR

FOR CONSTRUCTION



TYPE 2 AND 2A JOIST CONNECTOR



TYPE 4 JOIST CONNECTOR

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**PORT CHILKOOT DOCK EXPANSION**

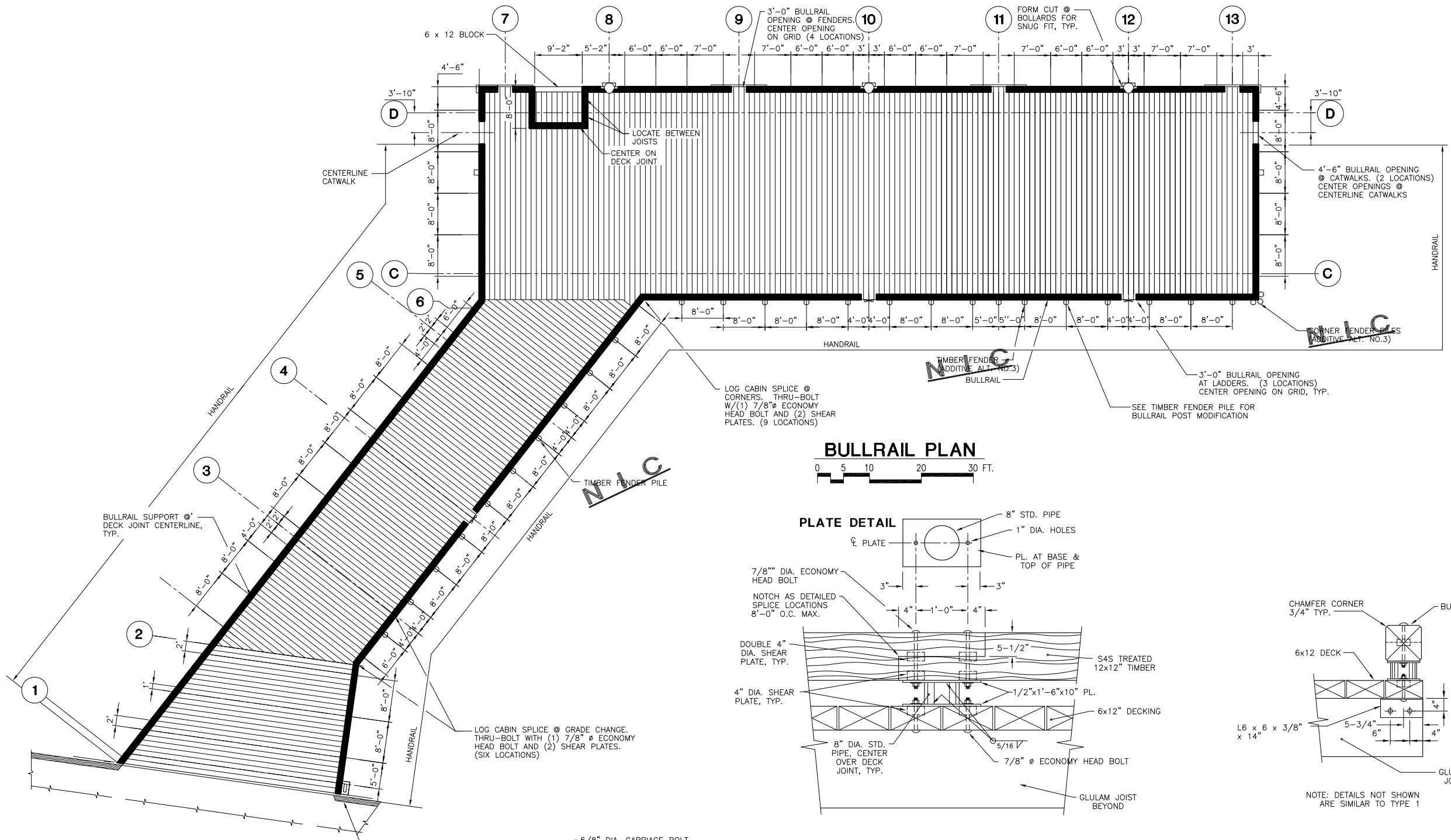
**Peratrovich, Nottingham & Drage, Inc.**  
 Engineering Consultants  
 3220 Hospital Drive, Suite 200  
 Juneau, Alaska 99801  
 Ph: (907) 586-2093 Fax: (907) 586-2099

Designed: CG  
 Drawn: DRH  
 Checked: BG  
 Project No.: 93229

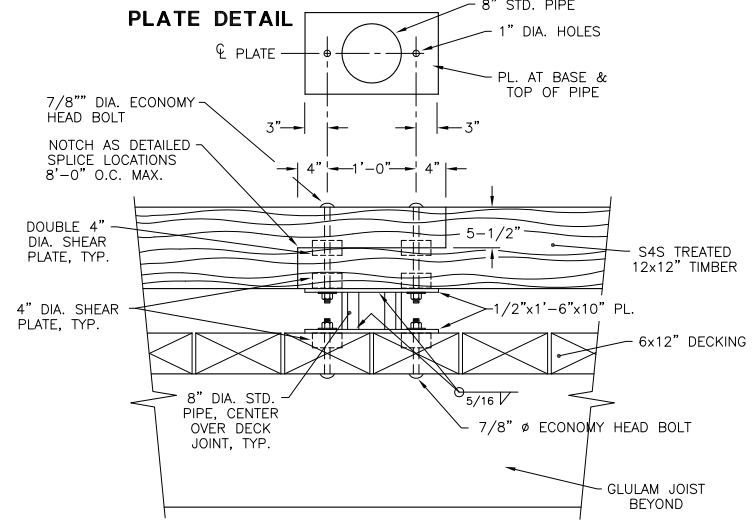
Date: DEC. 1, 1994  
 Scale:

**APPROACH DOCK PILE CAPS** Sheet 7 of 16

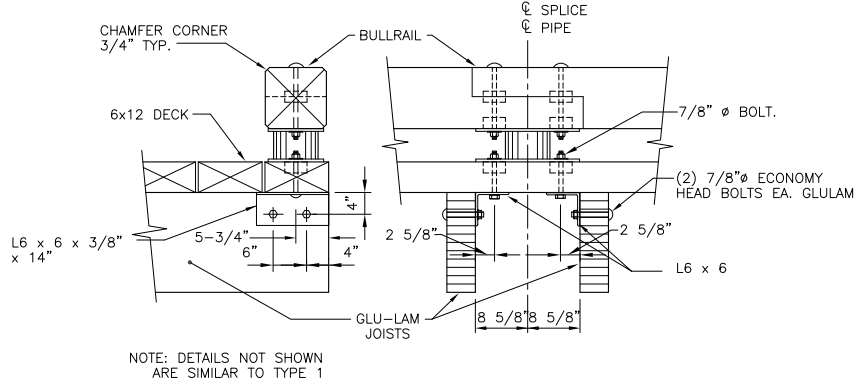




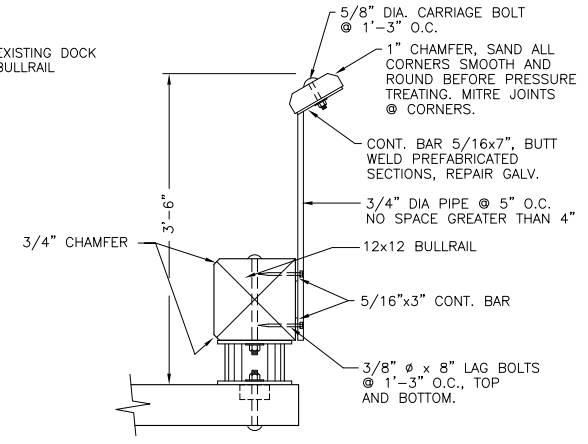
**BULLRAIL PLAN**  
0 5 10 20 30 FT.



**BULLRAIL CONNECTION**



**BULLRAIL CONNECTION AT ENDS OF DOCK**



**HANDRAIL**

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**PORT CHILKOOT DOCK EXPANSION**

Designed: CG  
Drawn: DRH  
Checked: BG  
Project No.: 93229

**pn** Peratrovich, Nottingham & Drage, Inc.  
Engineering Consultants  
3220 Hospital Drive, Suite 200  
Juneau, Alaska 99801  
Ph: (907) 586-2093 Fax: (907) 586-2099

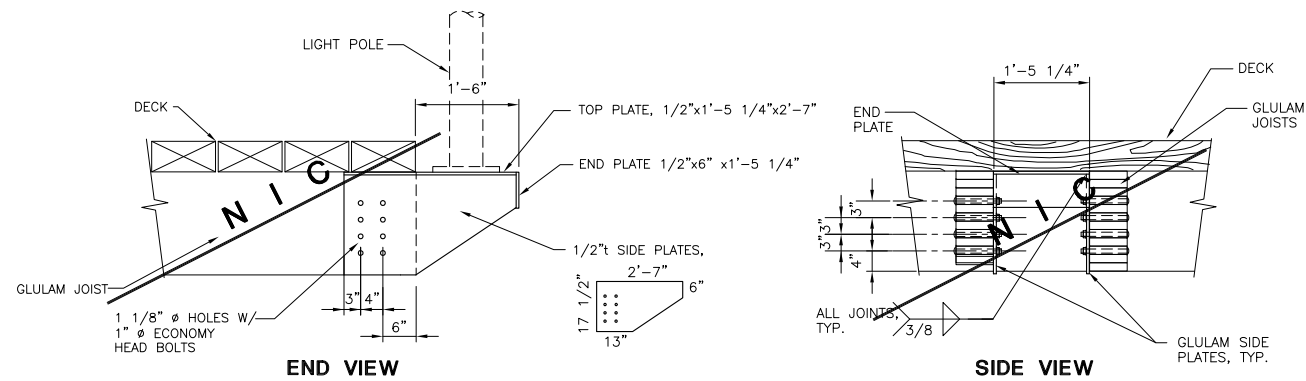
Date: DEC. 1, 1994  
Scale:

**BULLRAIL/HANDRAIL**

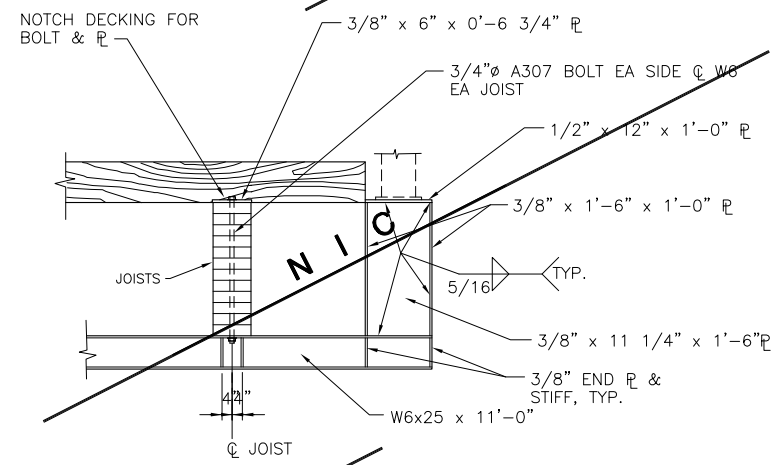
Sheet  
**8** of 16

FOR CONSTRUCTION

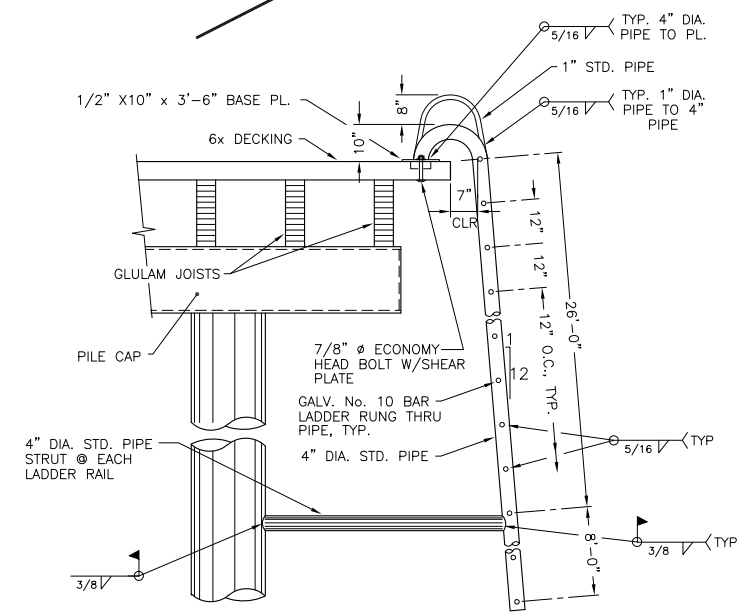
REF.: 93229-8



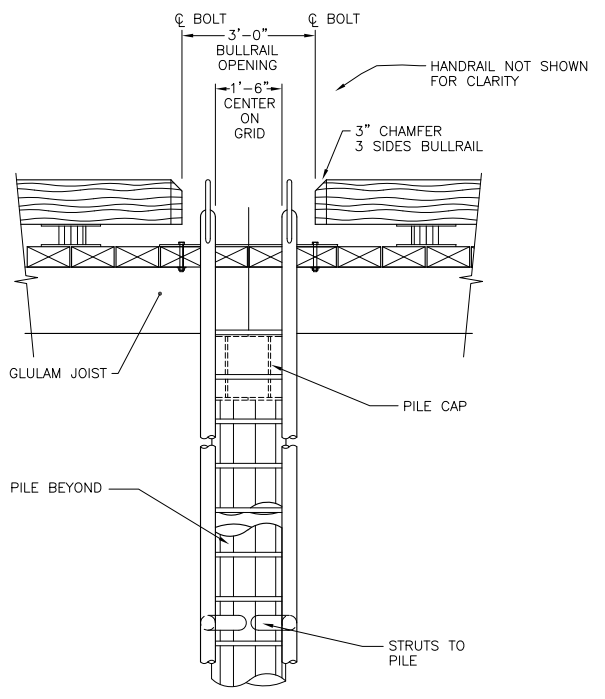
**TYPE I LIGHT POLE BRACKET** (ADDITIVE ALT. NO.2)  
(TYPICAL EXCEPT WHERE TYPE II INDICATED)



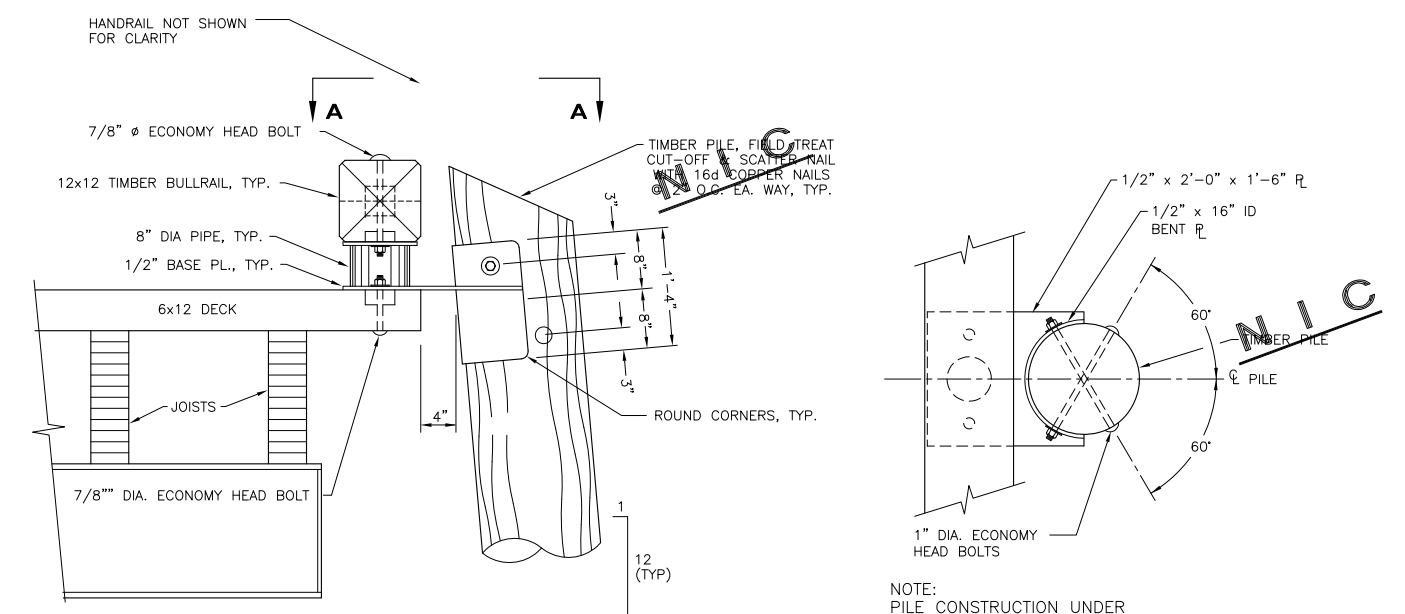
**TYPE II LIGHT POLE BRACKET** (ADDITIVE ALT. NO.2)



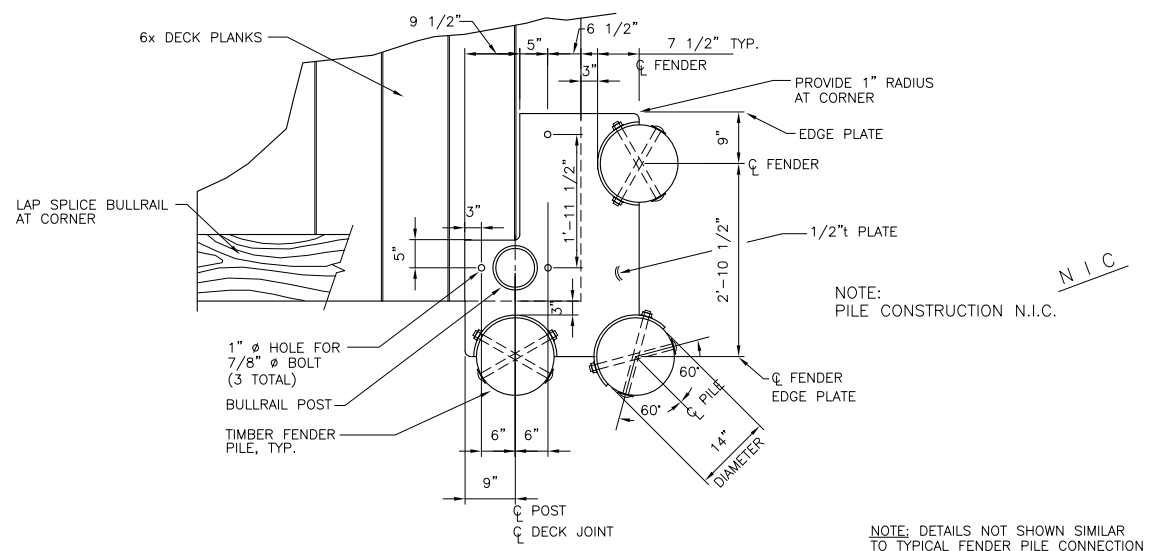
**ACCESS LADDER SECTION**



**ACCESS LADDER ELEVATION**



**TYPICAL FENDER PILE CONNECTION**



**CORNER FENDER PILE CONNECTION**

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**PORT CHILKOOT DOCK EXPANSION**

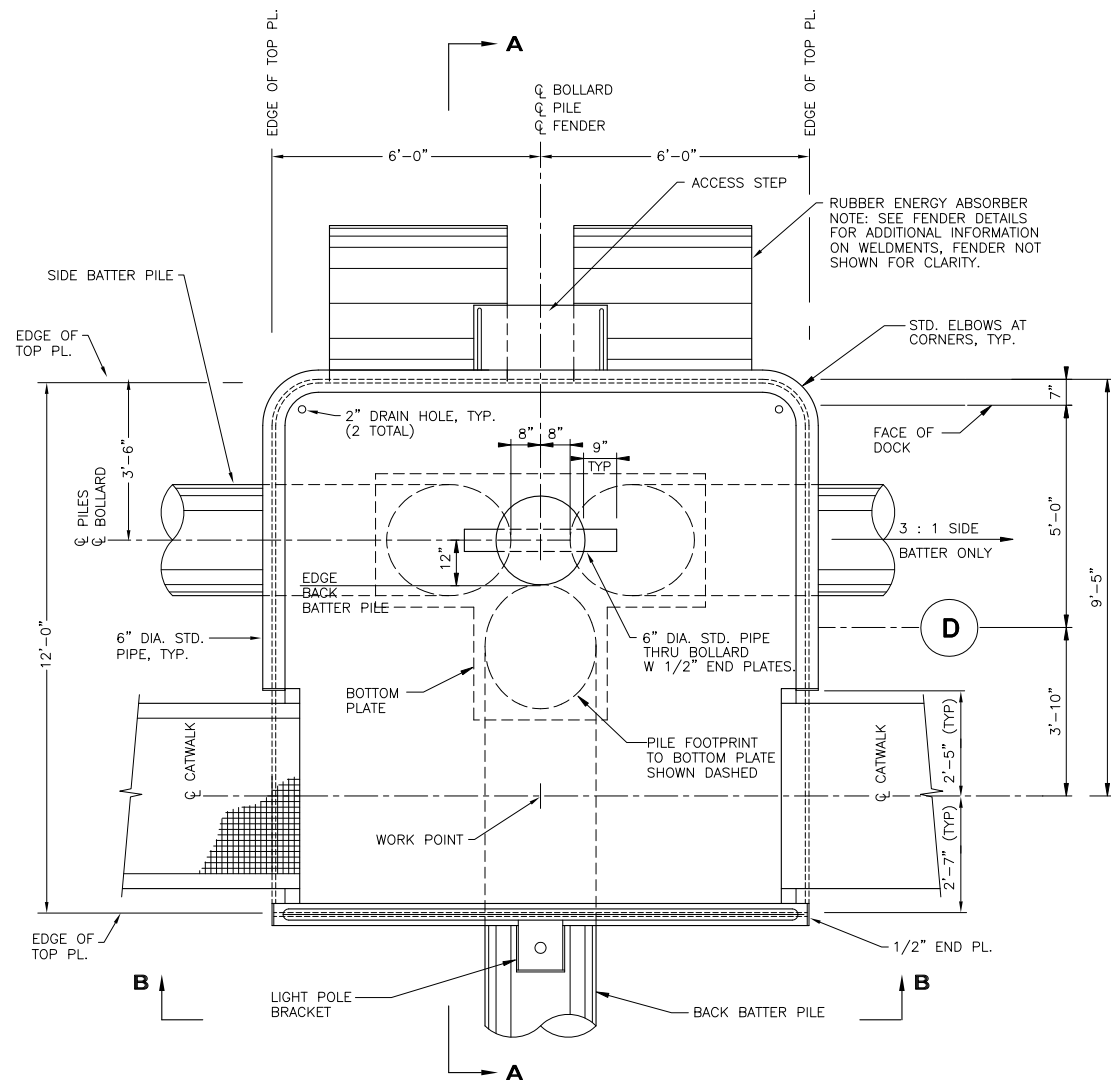
**Peratrovich, Nottingham & Drage, Inc.**  
Engineering Consultants  
3220 Hospital Drive, Suite 200  
Juneau, Alaska 99801  
Ph: (907) 586-2093 Fax: (907) 586-2099

Designed: CG  
Drawn: DRH  
Checked: BG  
Project No.: 93229

Date: MAY 10, 94  
Scale:

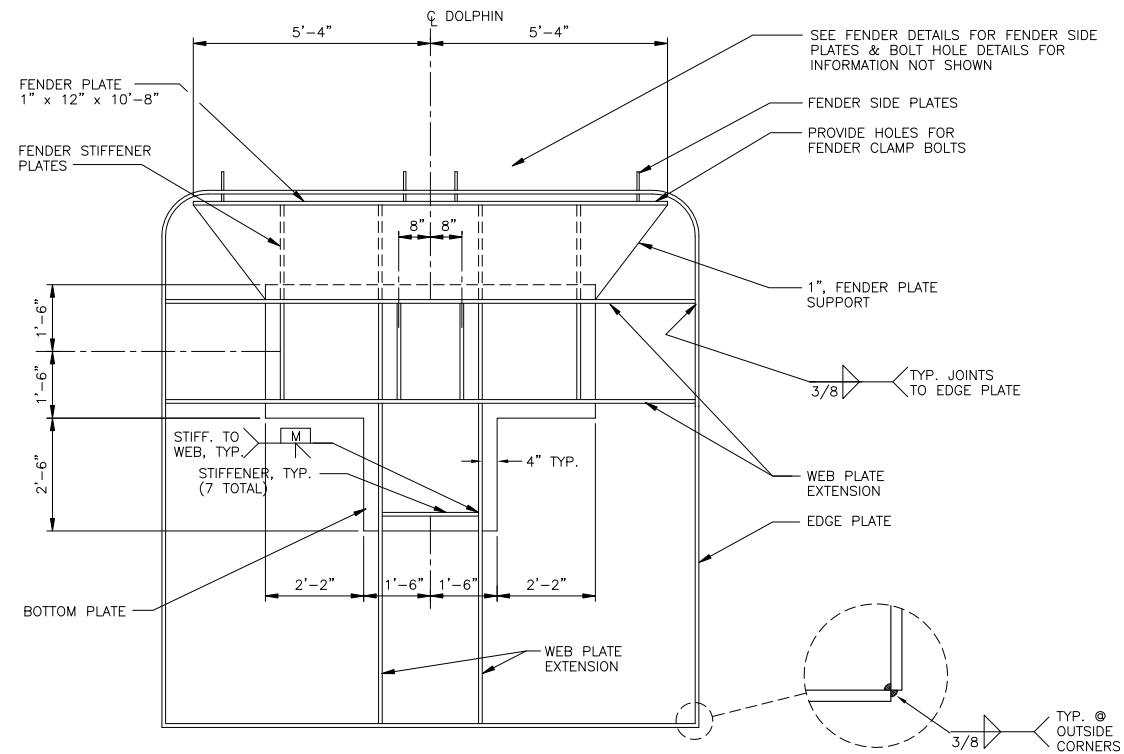
**FOR CONSTRUCTION**

REF. 93229-9



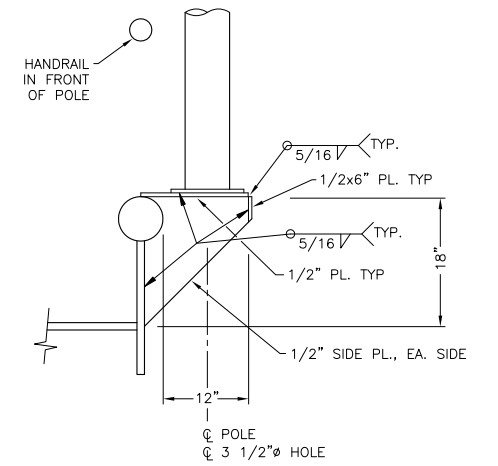
**BREASTING DOLPHIN PLAN NO. 2 AND NO. 3**

(ALL PLATE t=3/4" UNLESS NOTED OTHERWISE)

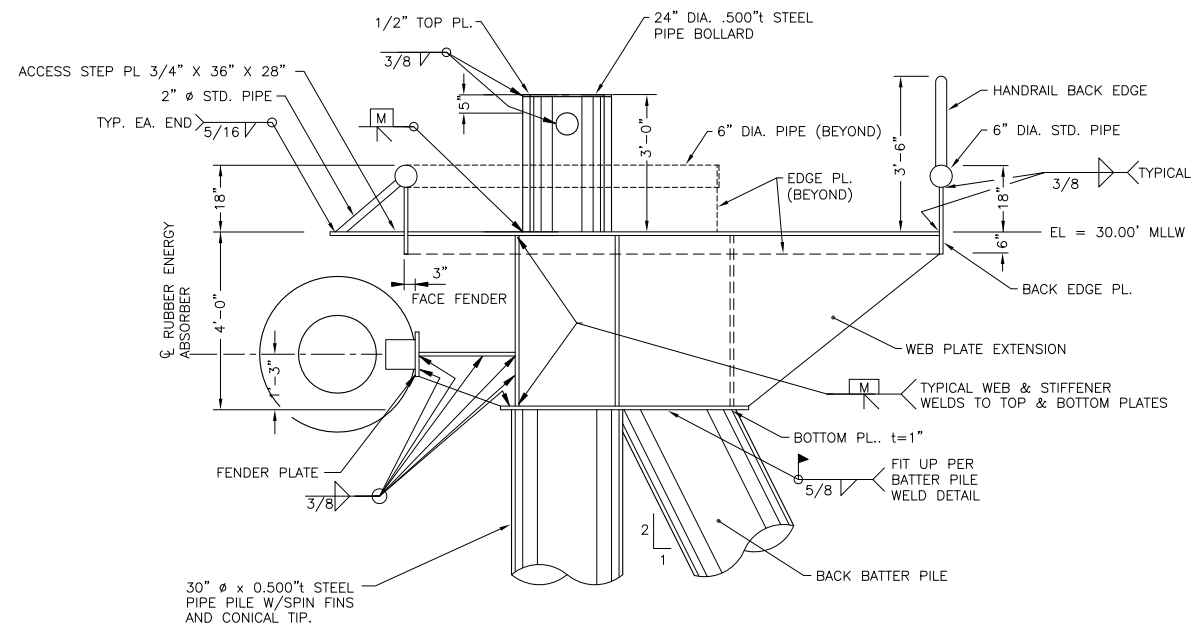


**BOTTOM PLATE PLAN**

(TYPICAL ALL BREASTING DOLPHINS)

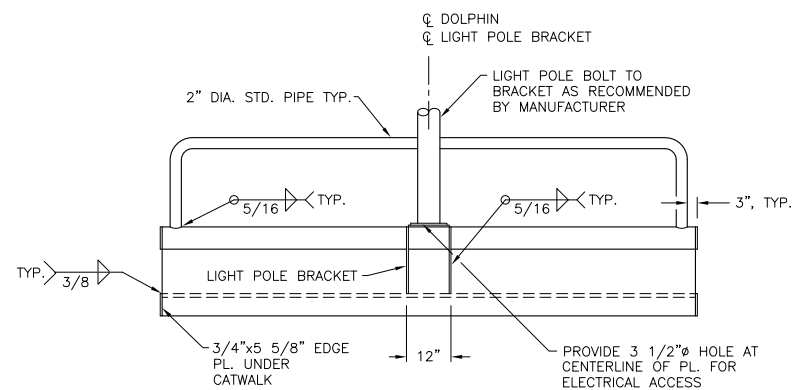


**TYP. LIGHT POLE BRACKET**



**VIEW A-A**

(TYPICAL ALL BREASTING DOLPHINS)



**VIEW B-B**

(TYPICAL ALL BREASTING DOLPHINS)

**FOR CONSTRUCTION**

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**PORT CHILKOOT DOCK EXPANSION**



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Juneau, Alaska 99801  
Ph: (907) 586-2093 Fax: (907) 586-2099

Designed: TN  
Drawn: DS/DRH  
Checked: BG  
Project No.: 93229

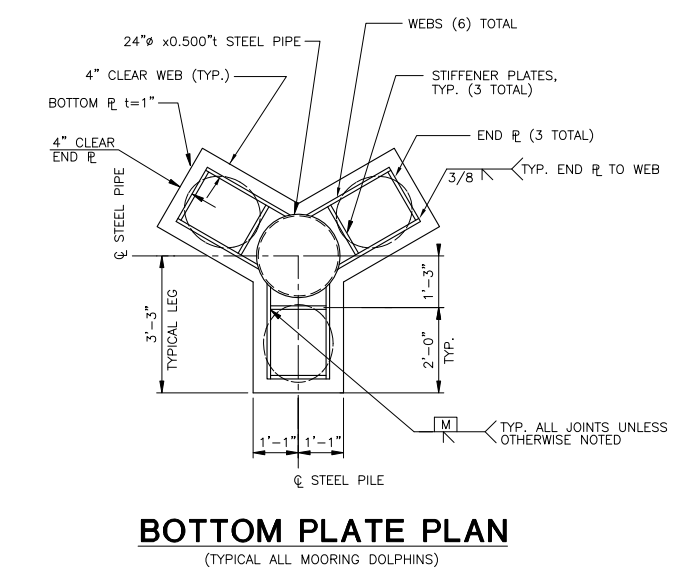
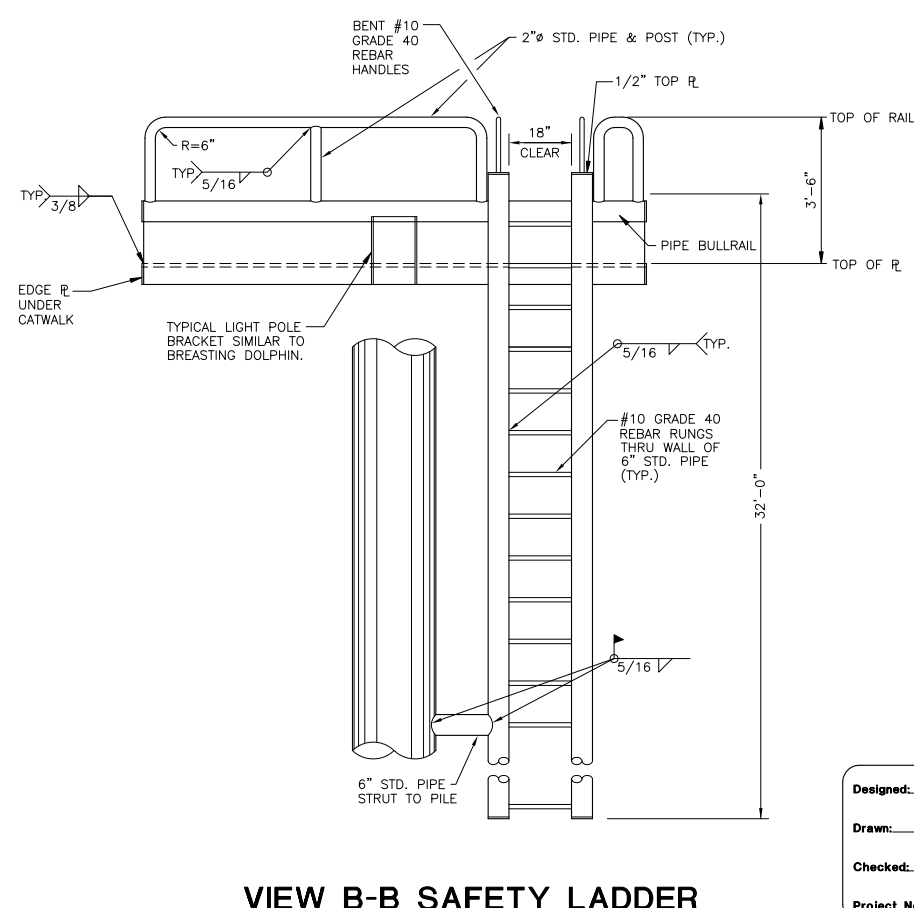
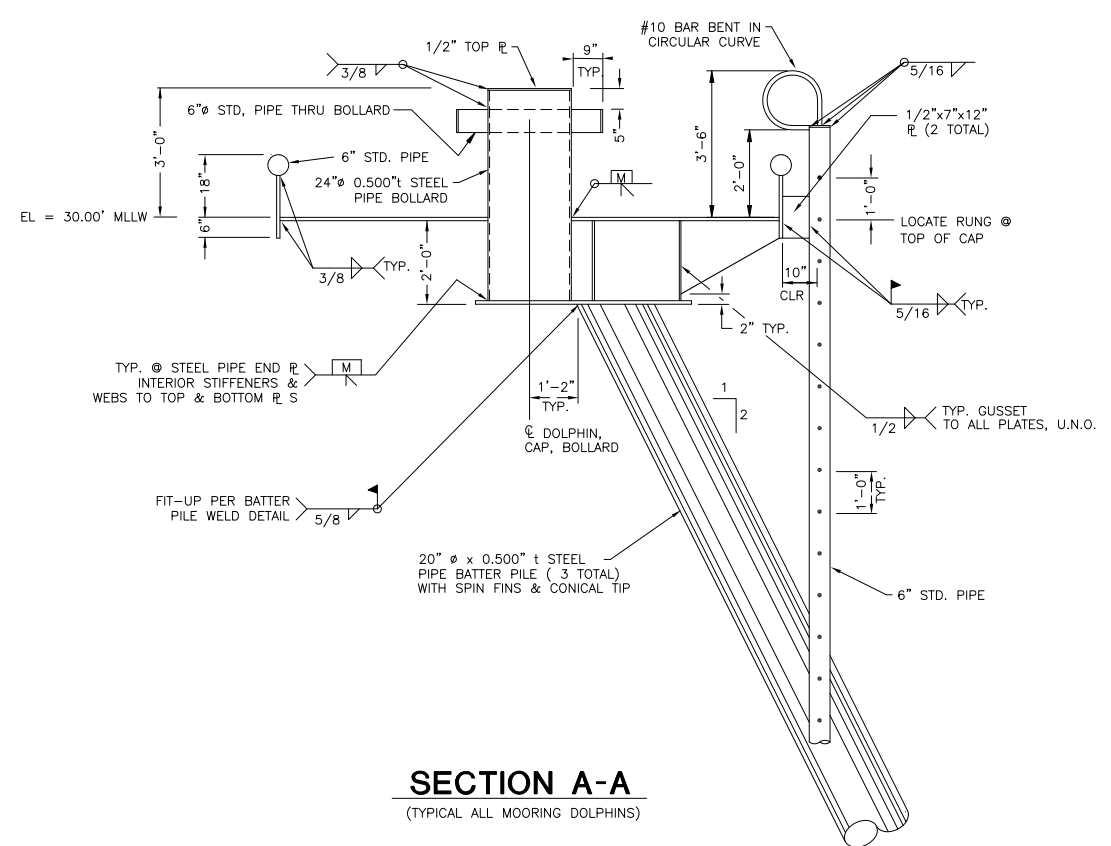
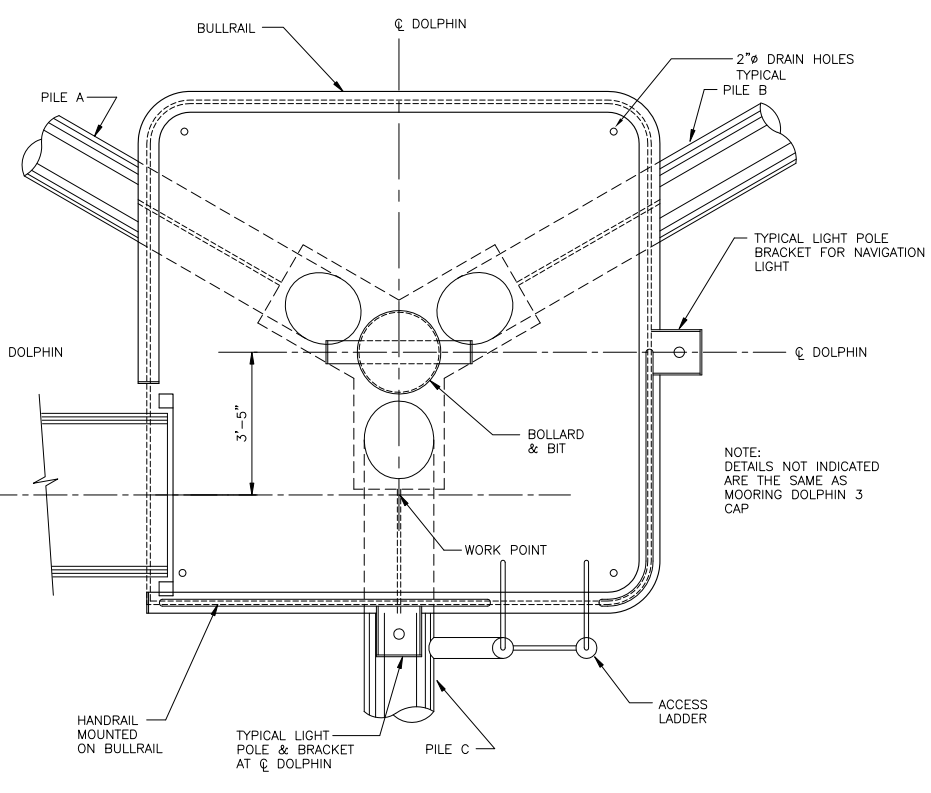
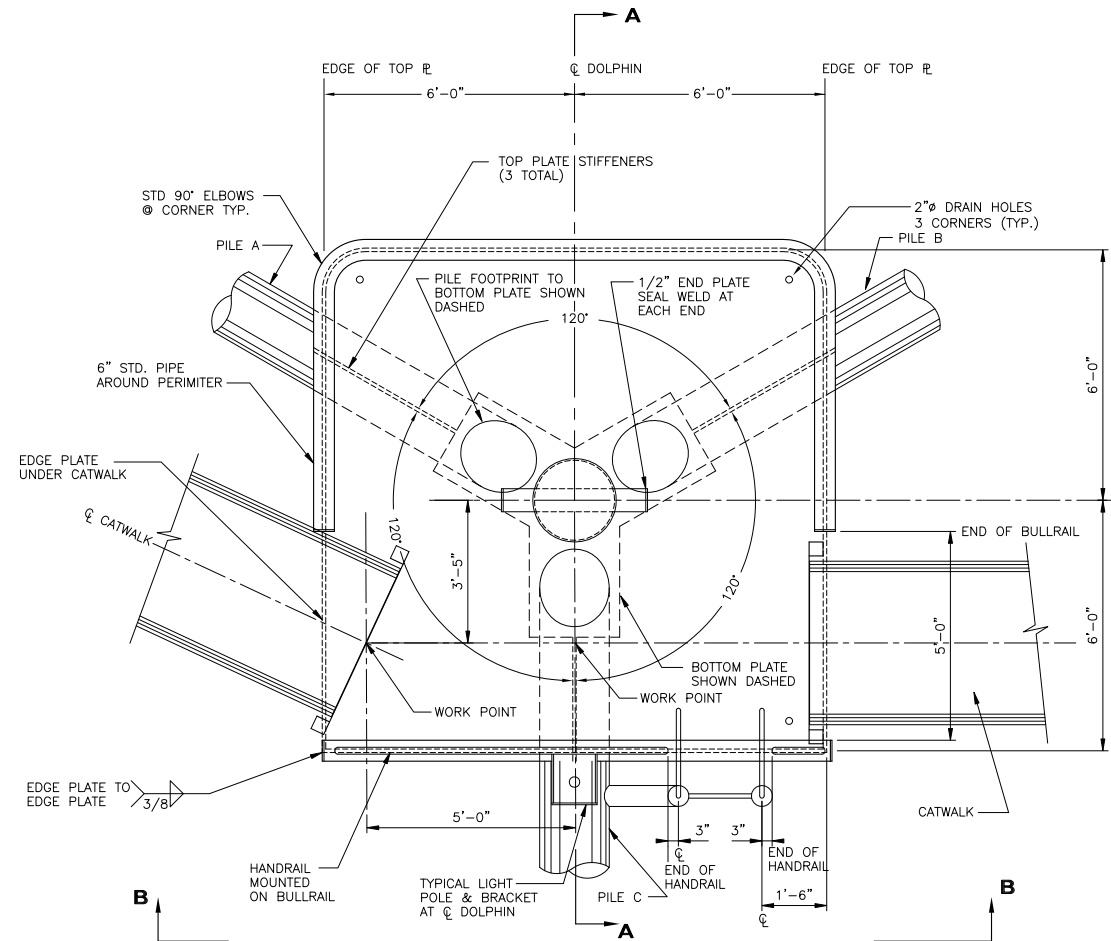
Date: DEC. 1, 1994  
Scale:

Ref. No.: 93229-10

**BREASTING DOLPHIN**

Sheet

10 of 16



**FOR CONSTRUCTION**

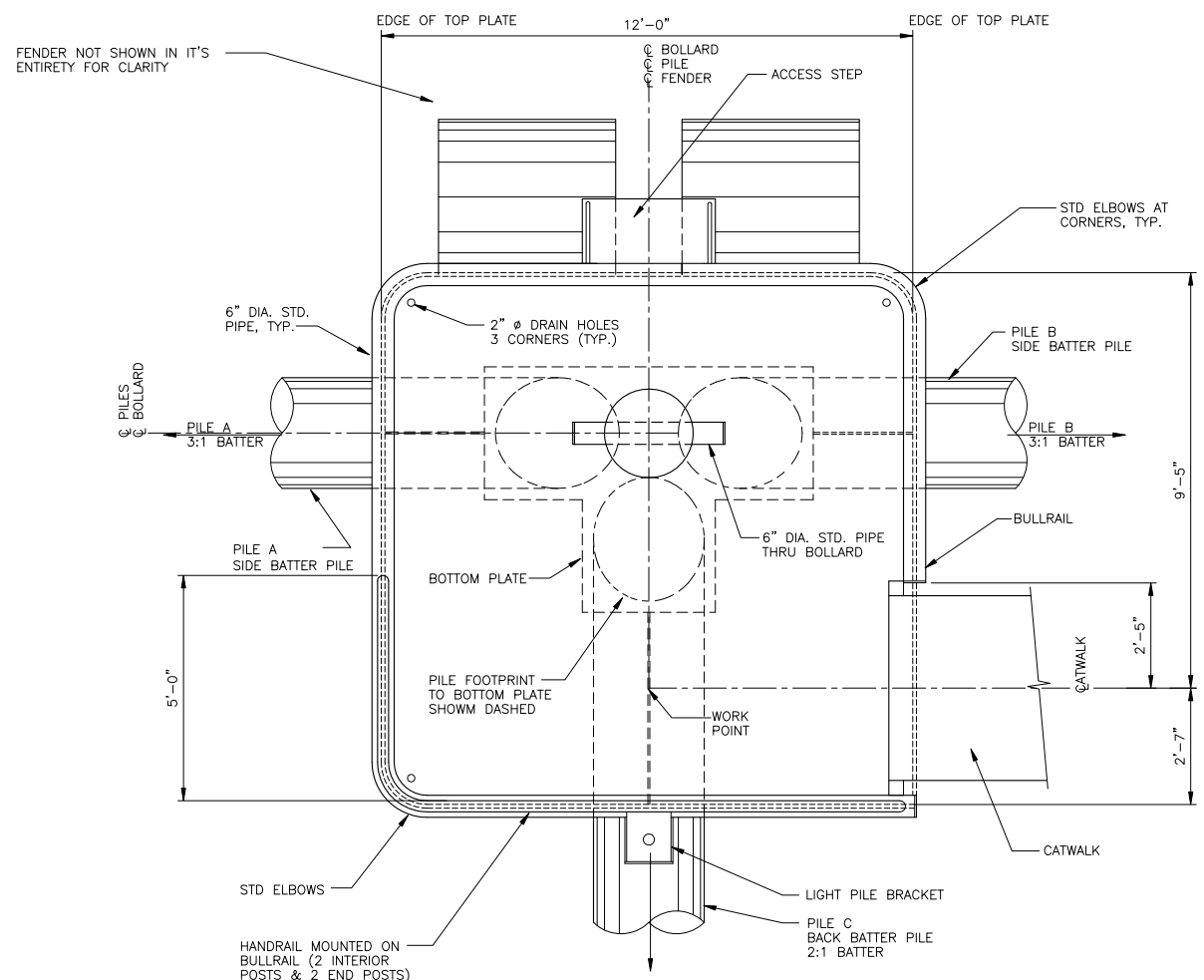
Peratrovich, Nottingham & Drage, Inc. (PN&D) is not responsible for safety programs, methods, procedures of operation, or the construction of the design shown on these drawings. Drawings are for use on this project only and are not intended for reuse without written approval from PN&D. Drawings are also not to be used in any manner that would constitute a detriment directly or indirectly to Peratrovich, Nottingham & Drage, Inc.

**PORT CHILKOOT DOCK EXPANSION**

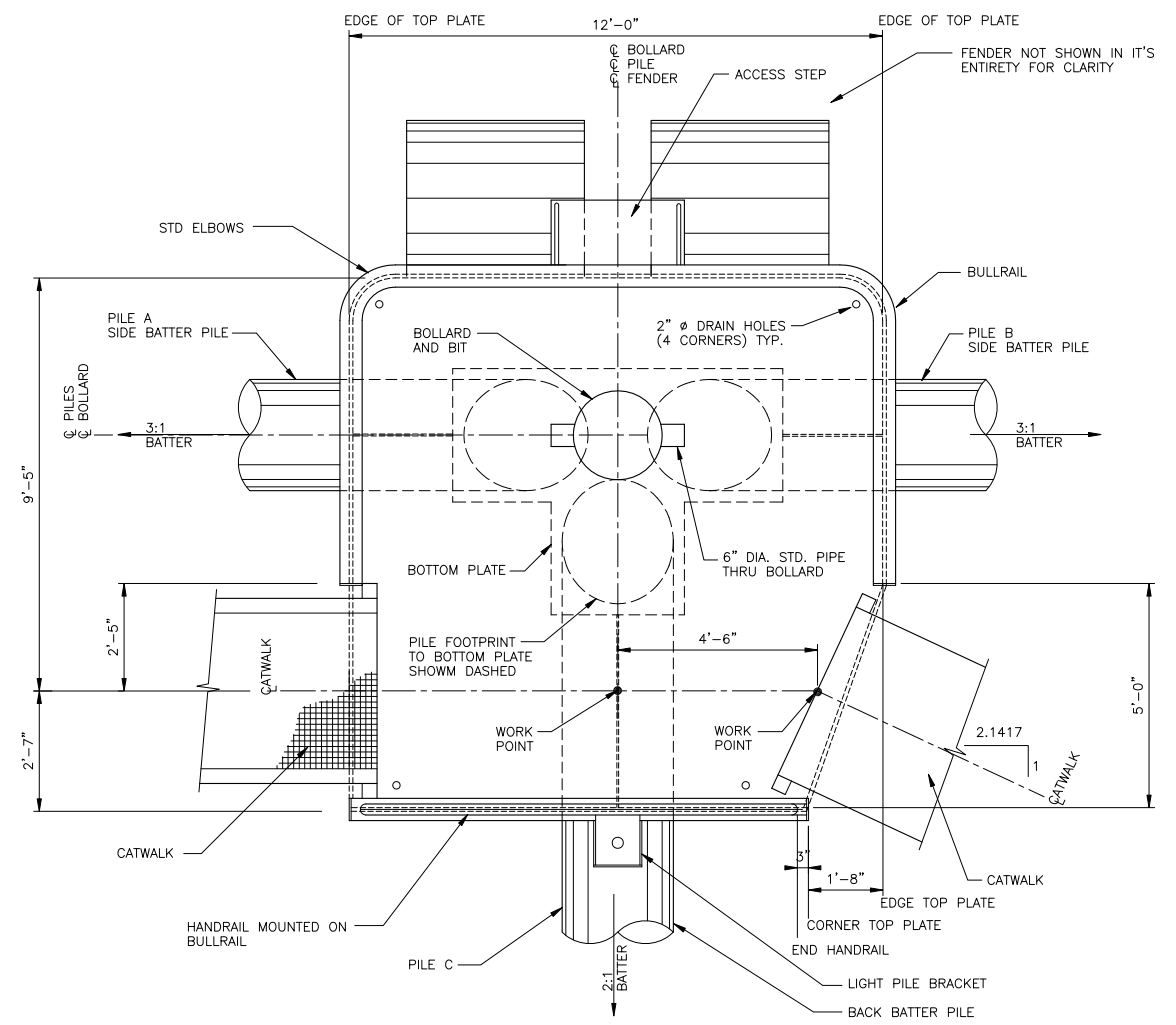
**Peratrovich, Nottingham & Drage, Inc.**  
 Engineering Consultants  
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 Juneau, Alaska 99801  
 Ph: (907) 586-2093 Fax: (907) 586-2099

Designed: CG  
 Drawn: DS/DRH  
 Checked: BG  
 Project No.: 93229  
 Date: DEC. 1, 1994  
 Scale:

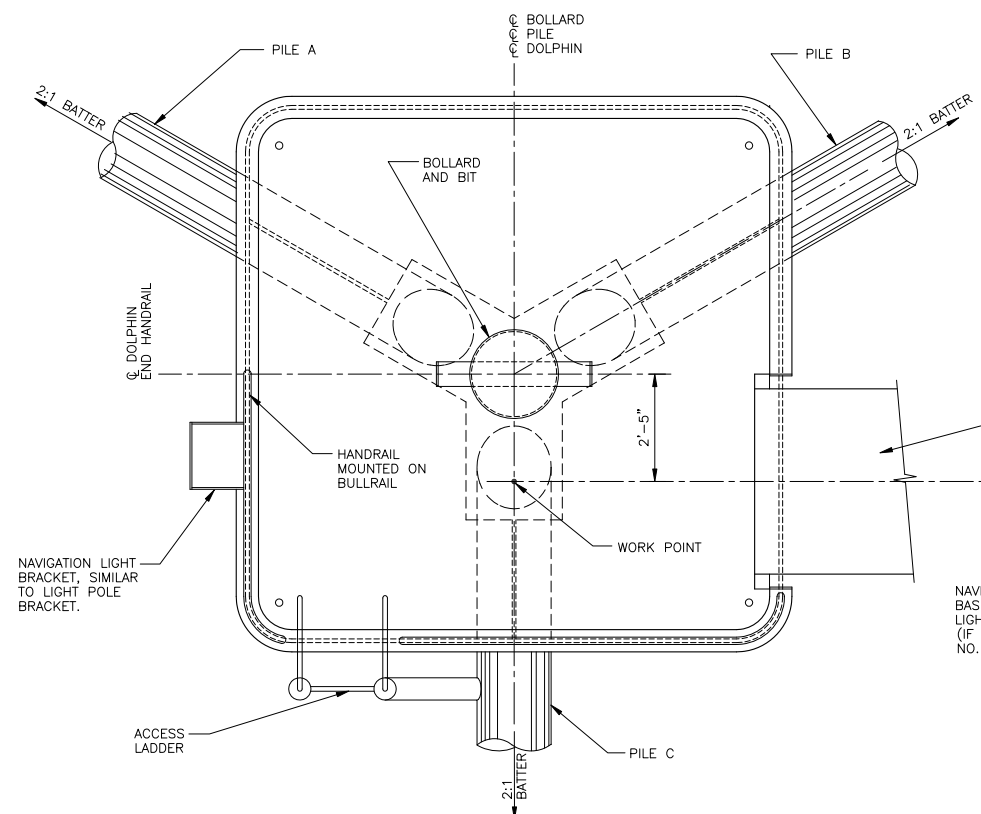
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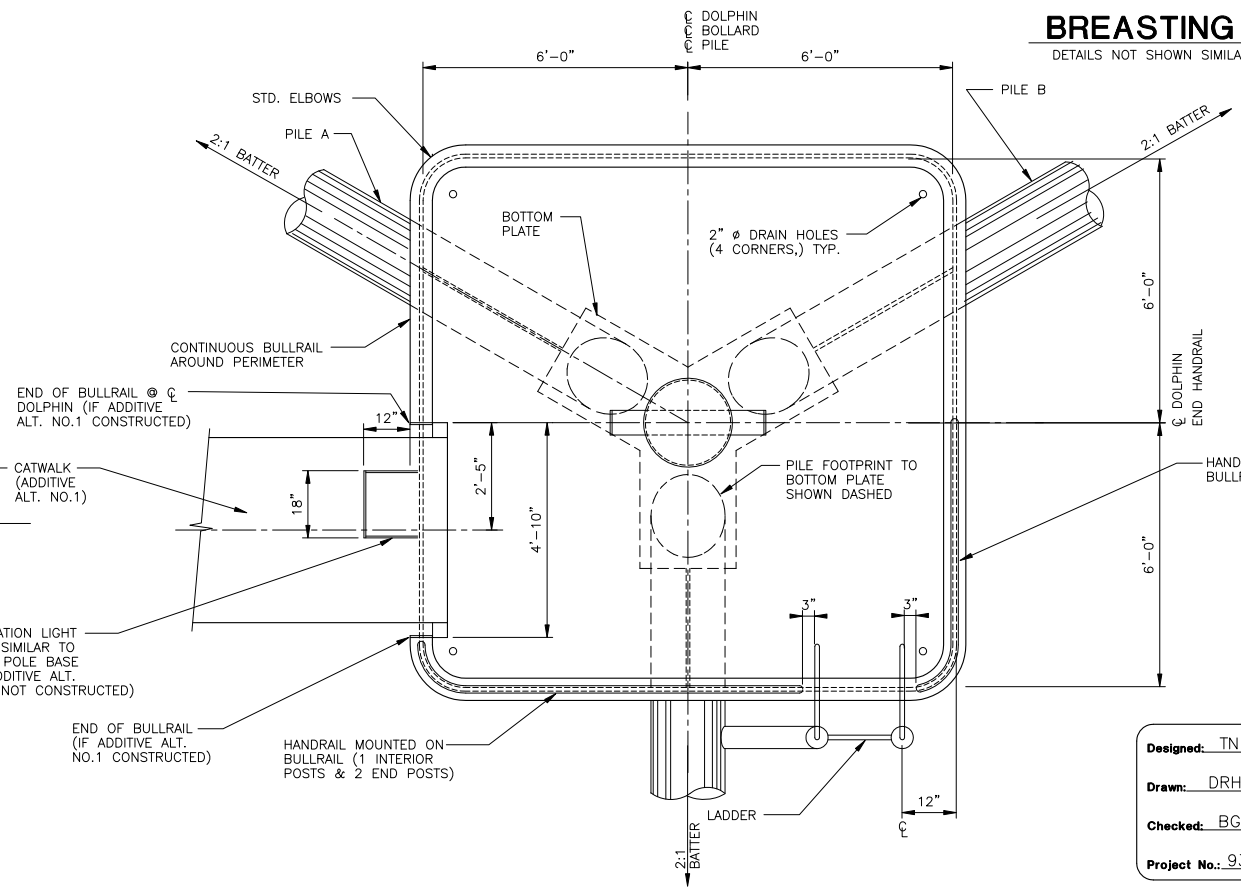
**BREASTING DOLPHIN NO. 1**  
 DETAILS NOT SHOWN SIMILAR TO BREASTING DOLPHINS 2 & 3



**BREASTING DOLPHIN NO. 4**  
 DETAILS NOT SHOWN SIMILAR TO BREASTING DOLPHINS 2 & 3



**MOORING DOLPHIN NO. 1**  
 DETAILS NOT SHOWN SIMILAR TO MOORING DOLPHIN 2  
 (ADDITIVE ALT. NO.1)



**MOORING DOLPHIN NO. 2**  
 DETAILS NOT SHOWN SIMILAR TO MOORING DOLPHIN 3

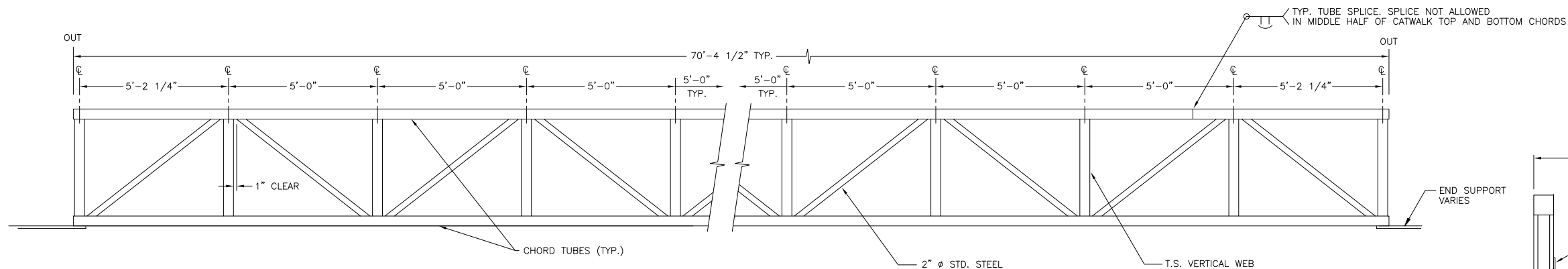
**FOR CONSTRUCTION**  
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**PORT CHILKOOT DOCK EXPANSION**

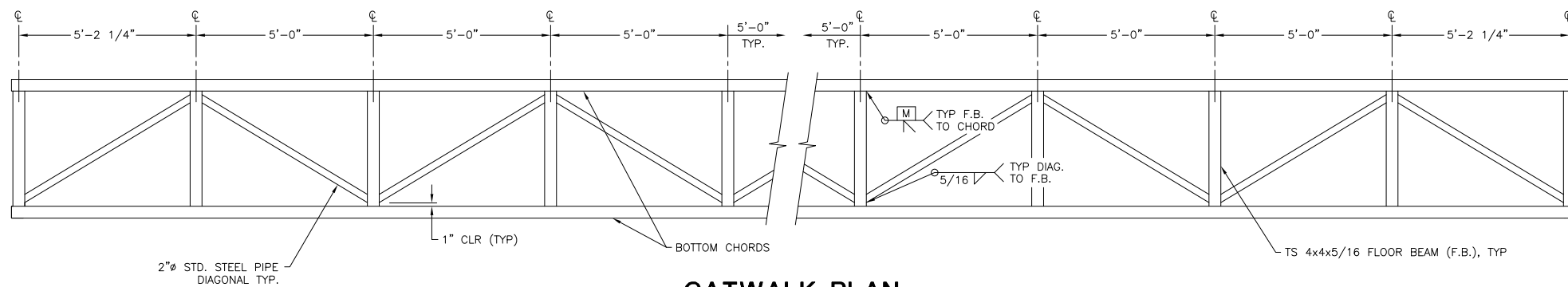
**Peratrovich, Nottingham & Drage, Inc.**  
 Engineering Consultants  
 3220 Hospital Drive, Suite 200  
 Juneau, Alaska 99801  
 Ph: (907) 586-2093 Fax: (907) 586-2099

Designed: TN/CG  
 Drawn: DRH  
 Checked: BG  
 Project No.: 93229

Date: DEC. 1, 1994  
 Scale:

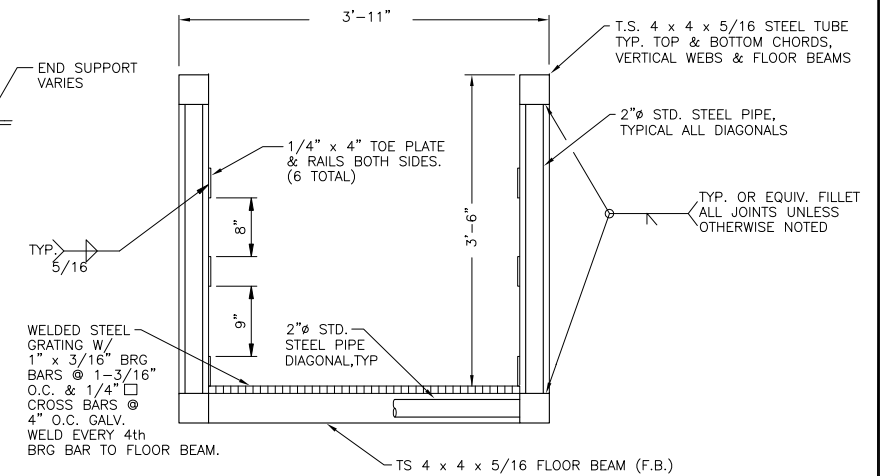


**CATWALK ELEVATION**

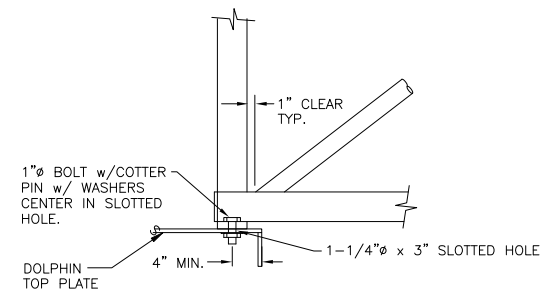


**CATWALK PLAN**

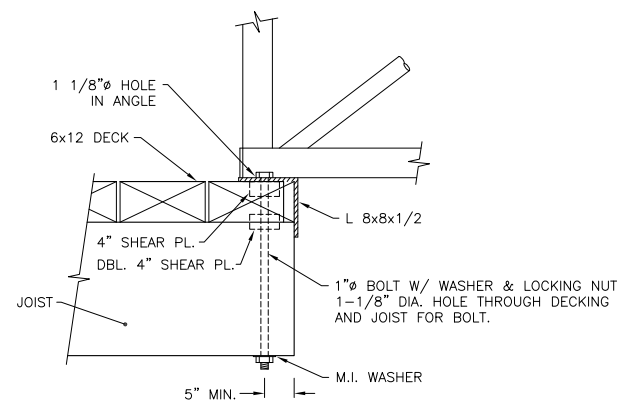
NOTE: GRATING, TOE R AND RAIL R'S NOT SHOWN FOR CLARITY



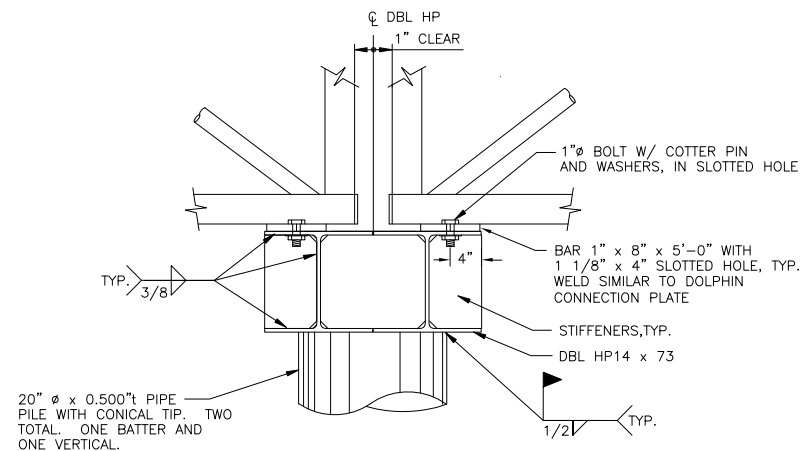
**TYPICAL CATWALK SECTION**



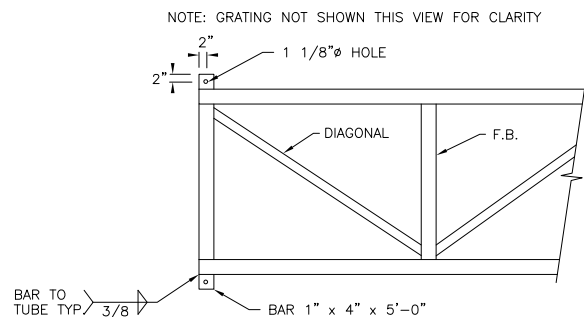
**DOLPHIN CONNECTION**



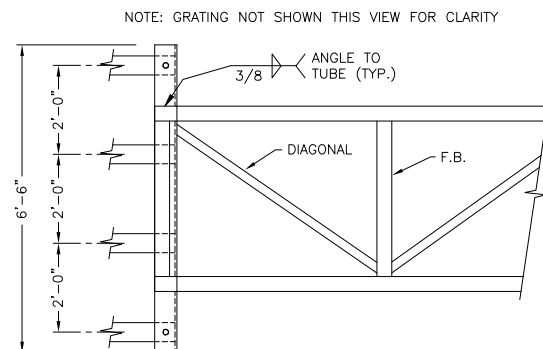
**DOCK CONNECTION**



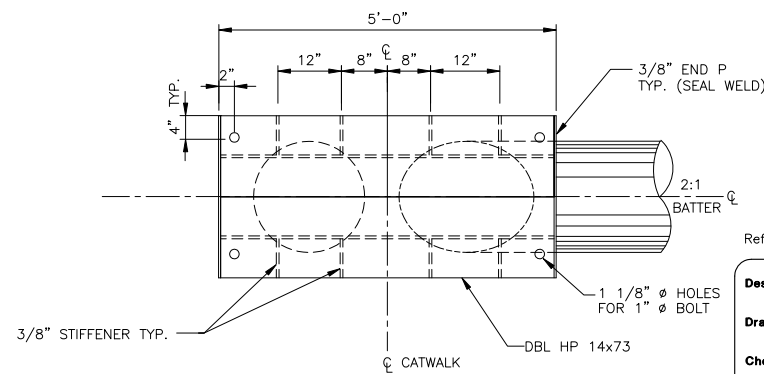
**HP CATWALK SUPPORT CONNECTION**



**DOLPHIN CONNECTION PLAN**



**DOCK CONNECTION PLAN**



**HP CATWALK SUPPORT PLAN**

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**PORT CHILKOOT DOCK EXPANSION**



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Juneau, Alaska 99801  
Ph: (907) 586-2093 Fax: (907) 586-2099

Ref. No.: 3229-13

Designed: CG

Drawn: DS/DRH

Checked: BG

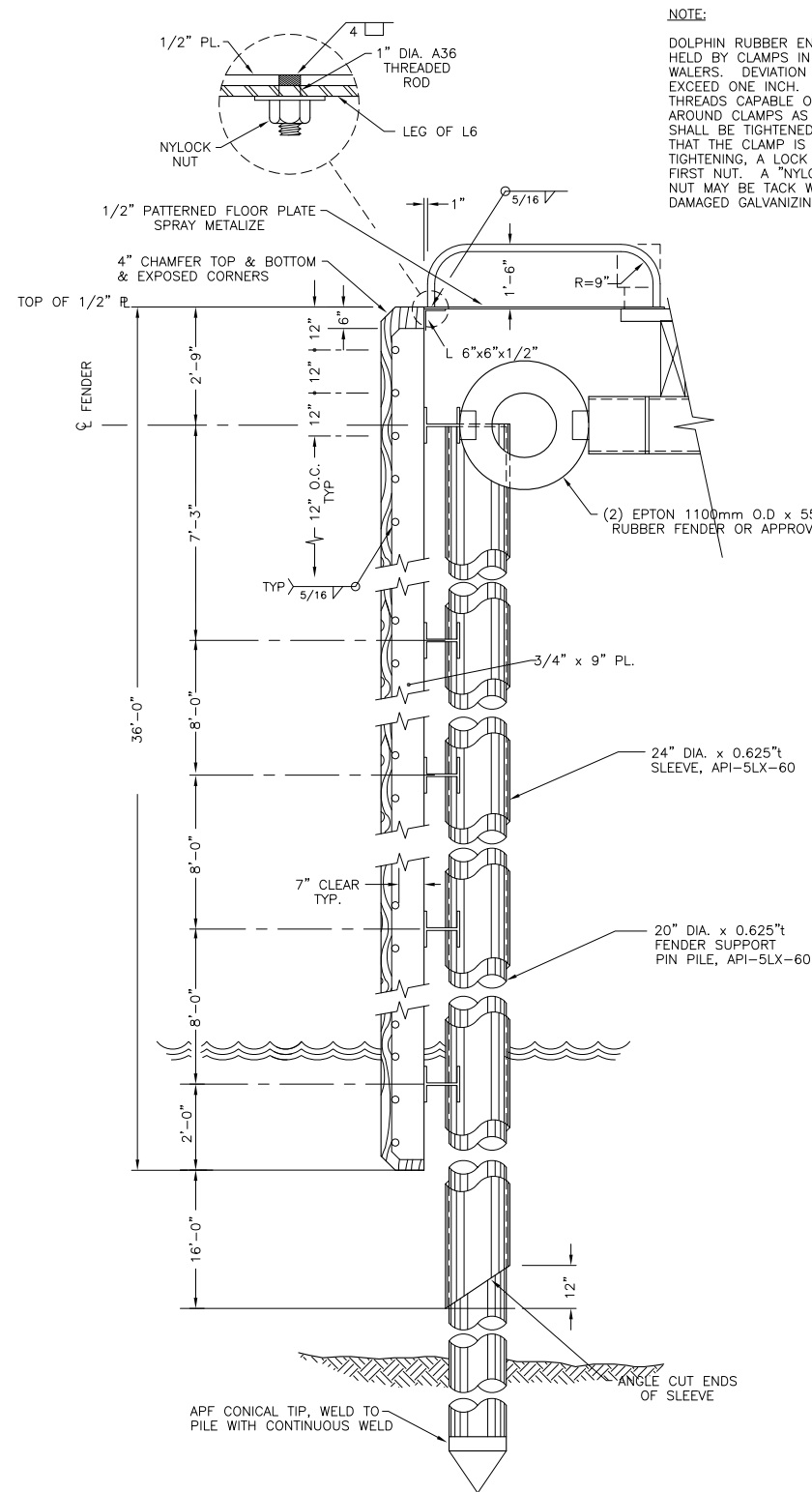
Project No. 93229

Date: DEC. 1, 1994

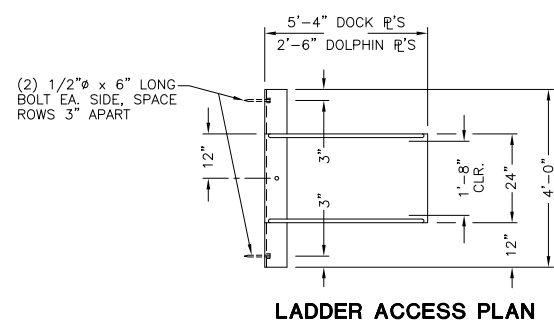
Scale:

**CATWALK**

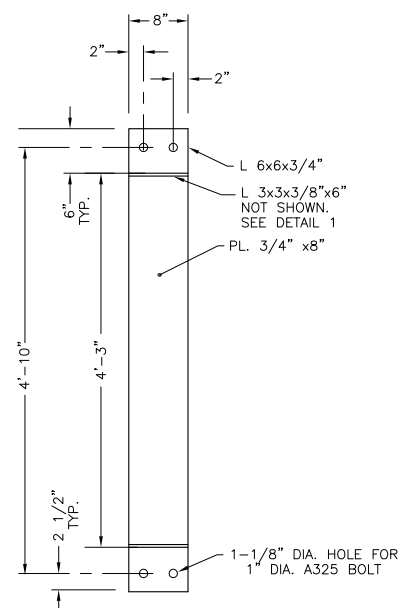
Sheet  
**13 of 16**



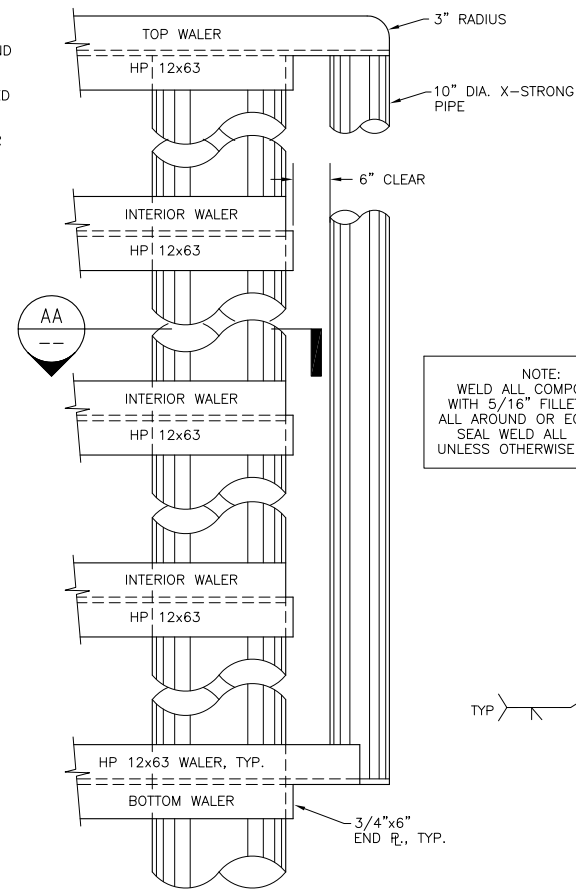
**TYPICAL DOCK FENDER SECTION**



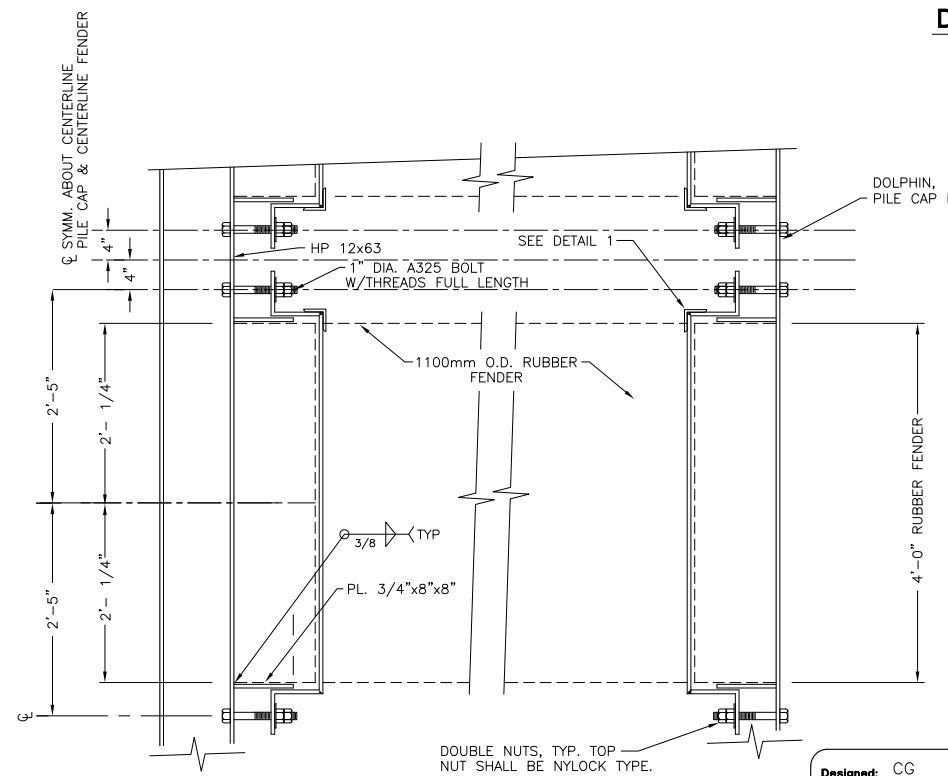
**LADDER ACCESS PLAN**



**FENDER CLAMP**



**WALER / SLEEVE ELEVATION**



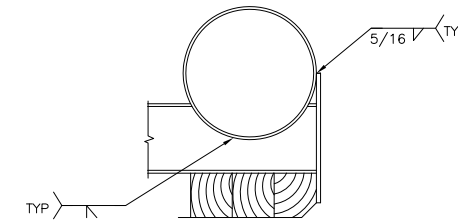
**FENDER ATTACHMENT PLAN**

Designed: CG  
 Drawn: DS/DRH  
 Checked: BG  
 Project No.: 93229

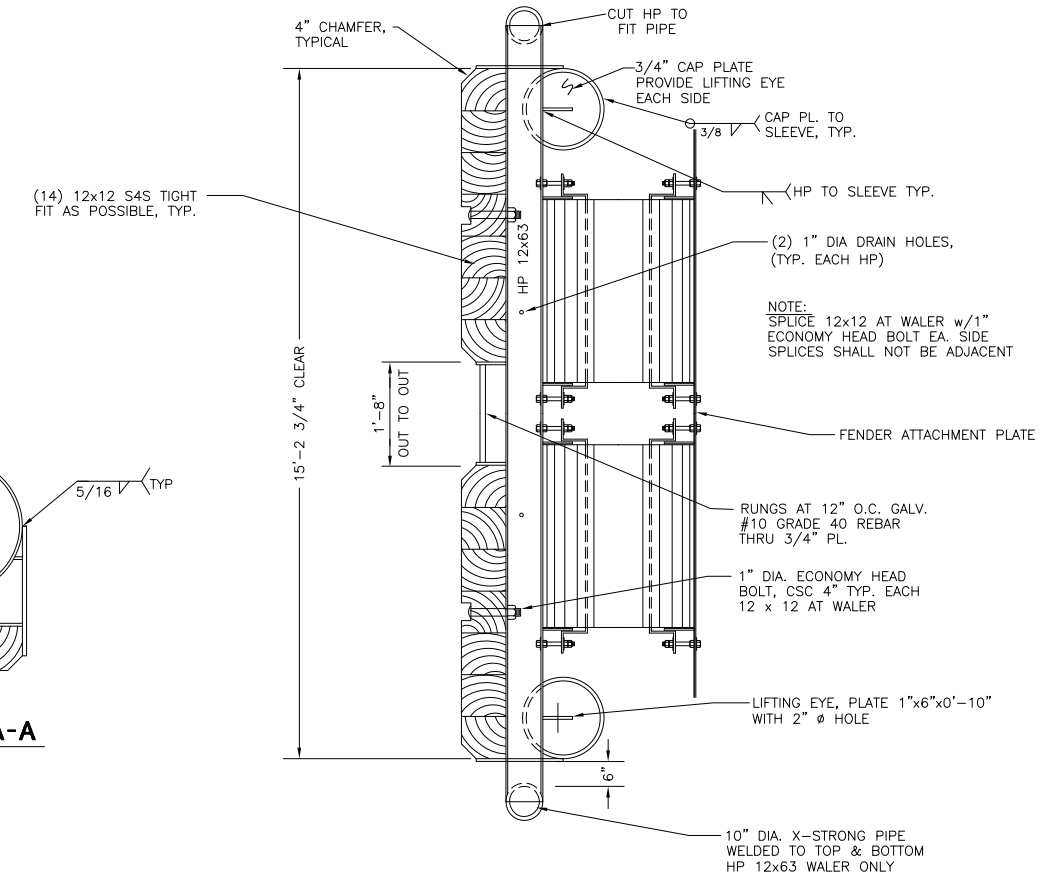
Date: DEC. 1, 1994  
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Ref. No.: 93229-14

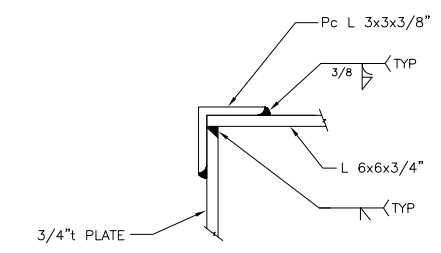
**NOTE:**  
WELD ALL COMPONENTS WITH 5/16" FILLET WELDS ALL AROUND OR EQUIVALENT SEAL WELD ALL JOINTS, UNLESS OTHERWISE DETAILED



**SECTION A-A**



**DOCK FENDER PLAN**



**FENDER CLAMP DETAIL 1**

**FOR CONSTRUCTION**

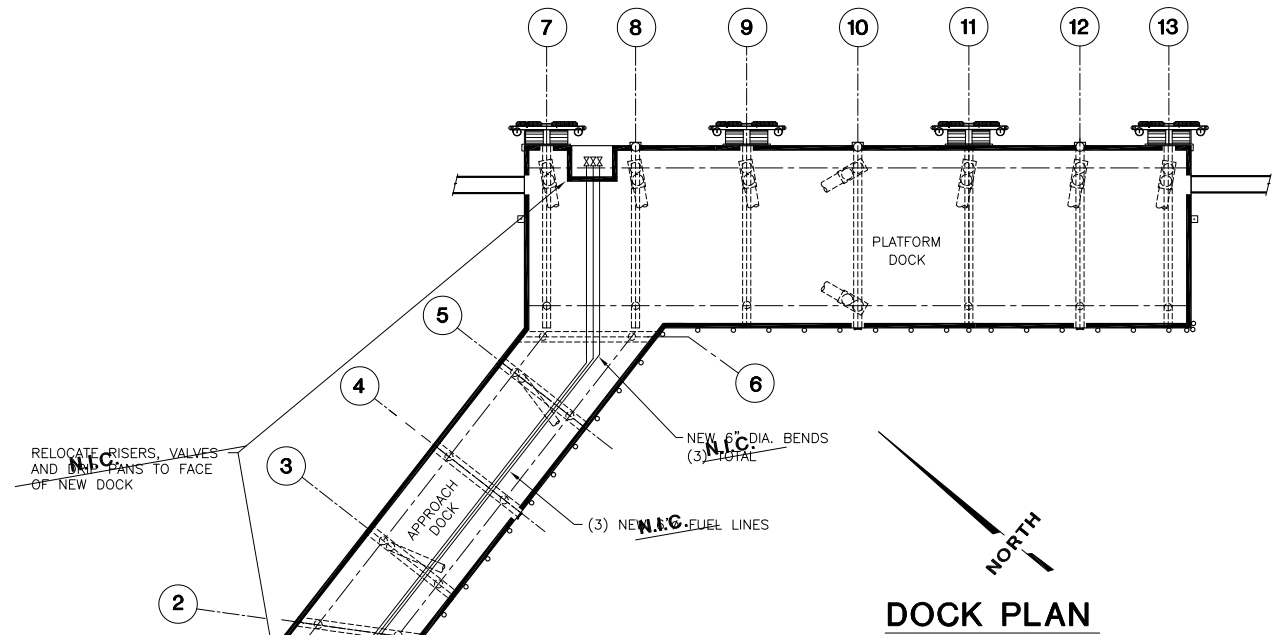
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**PORT CHILKOOT DOCK EXPANSION**

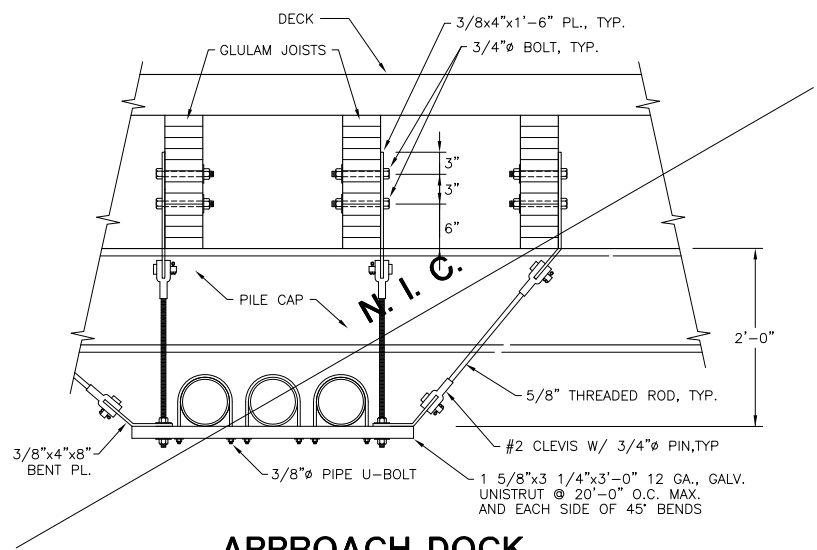
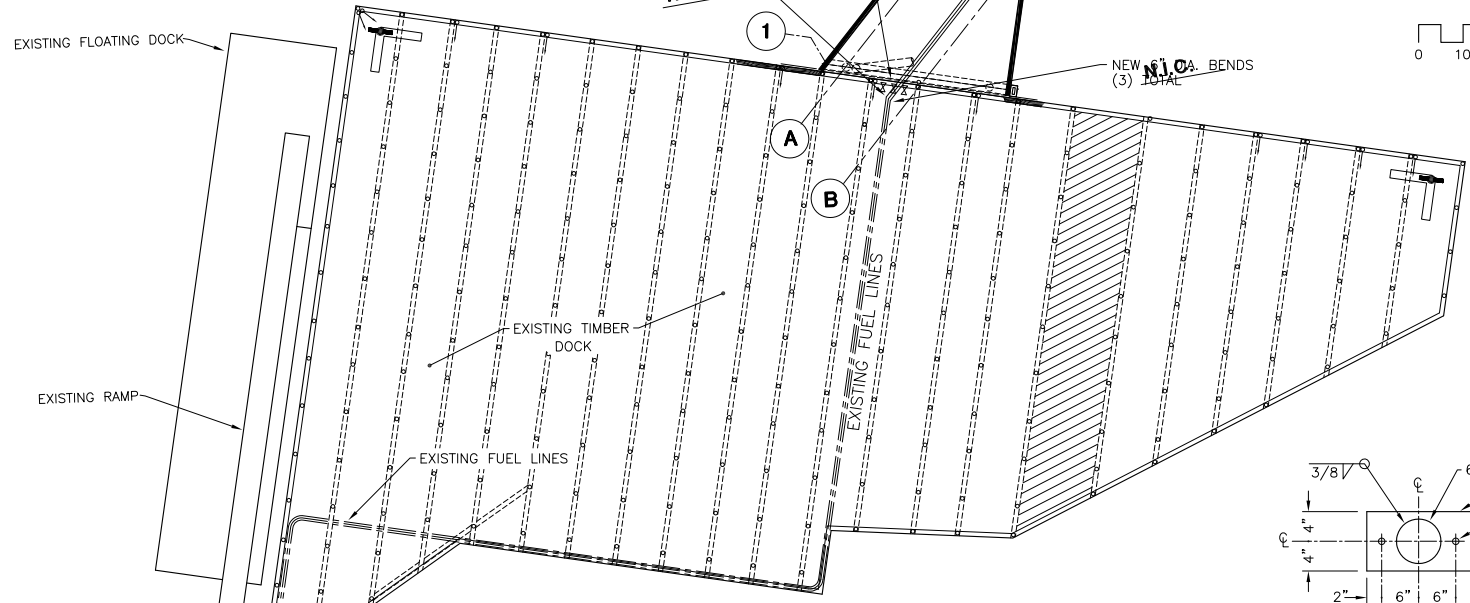
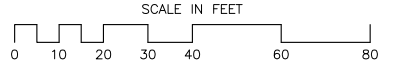
**Peratrovich, Nottingham & Drage, Inc.**  
 Engineering Consultants  
 3220 Hospital Drive, Suite 200  
 Juneau, Alaska 99801  
 Ph: (907) 586-2093 Fax: (907) 586-2099

NOTES:

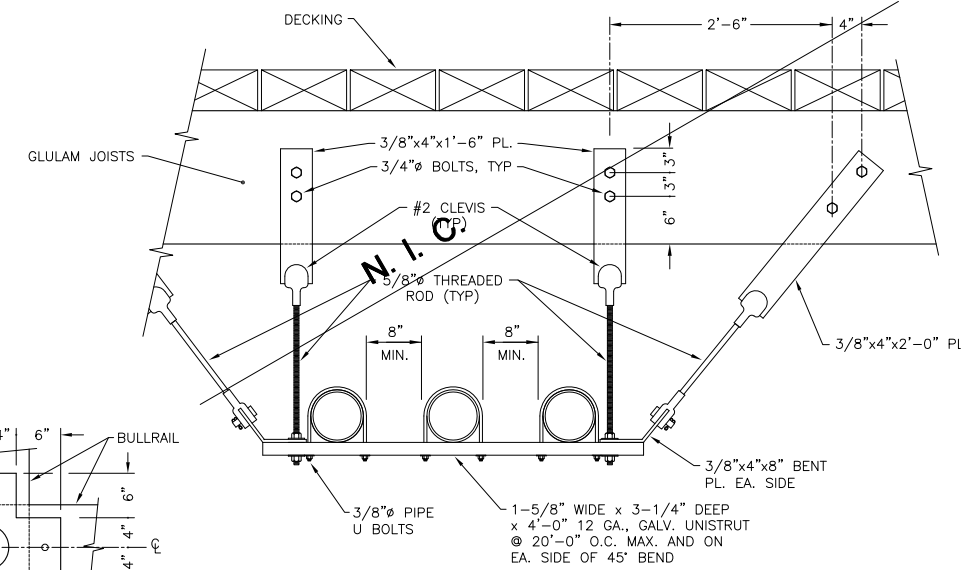
- 1) DRAIN AND MAKE SAFE EXISTING LINES PRIOR TO MODIFYING LINES IN ACCORDANCE WITH AWS F4.1.
- 2) ALL FUEL PIPE SHALL CONFORM TO API 5L GRADE B 6.625 O.D. x .280" WALL THICKNESS. COMPLETE PENETRATION BUTT WELDED AT JOINTS IN ACCORDANCE WITH API 1104.
- 3) PIPE SHALL BE GALVANIZED.
- 4) UNISTRUT SHALL BE GALVANIZED.
- 5) APPLY ONE COAT, 3 MILL DFT, WASSER MC-FERROX B, OR APPROVED EQUAL, TO TOP RAIL OF PIPE RAIL, OVER HOT DIP GALVANIZED COATING. TOP COAT MC-FERROX B WITH ONE COAT, 3 MILL DFT, SAFETY YELLOW, WASSER MC FERROX A, OR APPROVED EQUAL. APPLY PER MANUFACTURERS INSTRUCTIONS.
- 6) TEST INSTALLED NEW FUEL LINE WITH 165 PSI AIR. NO LOSS IN PRESSURE SHALL OCCUR GREATER THAN 10 PSI, WITHOUT ADDITION OF AIR. VERIFY NO LEAKS OCCUR USING SOAP BUBBLE TEST AT ALL JOINTS. ALTERNATE TEST: HYDRO TEST NEW FUEL LINES TO 225 PSI. FOR ONE HOUR NO DROP IN PRESSURE GREATER THAN 10 PSI SHALL OCCUR.



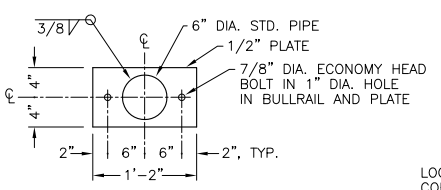
DOCK PLAN



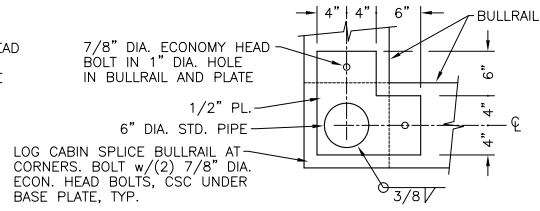
APPROACH DOCK FUEL LINE SUPPORT



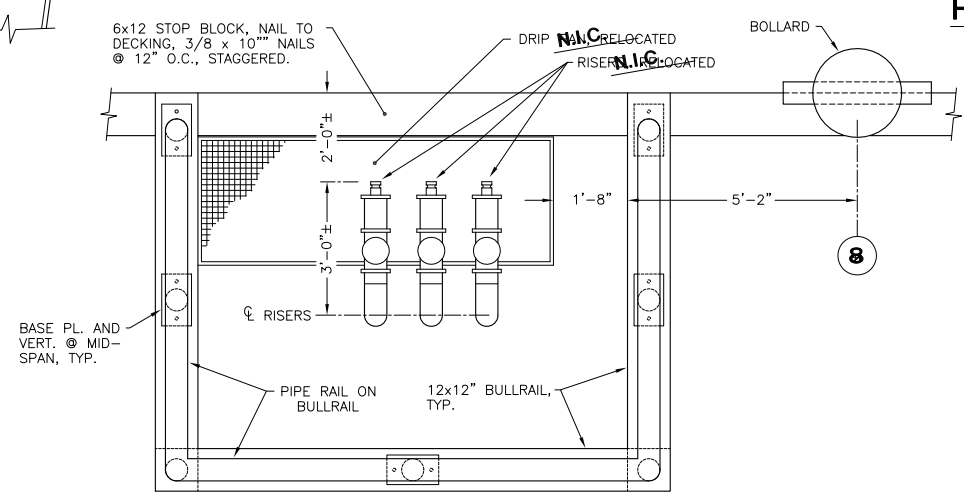
MAIN DOCK FUEL LINE SUPPORT



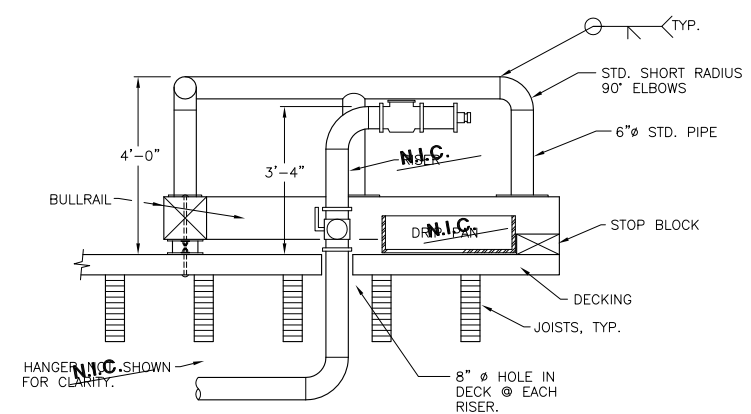
PIPE RAIL BASE PL.  
5 PLACES



PIPE RAIL CORNER BASE PL.  
2 PLACES



FUEL RISER PLAN



FUEL RISER SECTION

**FOR CONSTRUCTION**  
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**PORT CHILKOOT DOCK EXPANSION**

**Peratrovich, Nottingham & Drage, Inc.**  
 Engineering Consultants  
 3220 Hospital Drive, Suite 200  
 Juneau, Alaska 99801  
 Ph: (907) 586-2093 Fax: (907) 586-2099

Designed: C.G.  
 Drawn: DS/DRH  
 Checked: BG  
 Project No.: 93229

Date: DEC. 1, 1994  
 Scale:

Ref. No.: 93229-15



**DESIGN PARAMETERS**

DOCK LIVE LOAD	-AASHTO HS20-44(FREIGHT TRUCK) -250 PSF UNIFORM LOAD -10 TON FORKLIFT (35,000 LB AXLE LOAD)
CATWALK LIVE LOAD	-1000 POUND POINT LOAD -20 PSF UNIFORM LOAD
DOCK EARTHQUAKE LOAD	-EQUIVALENT STATIC LATERAL LOAD 0.2W ANY DIRECTION
MOORING LOAD	-150 KIPS FROM TOURSHIP ANY DIRECTION.
BERTHING ENERGY	-200 FT. KIPS FROM TOURSHIP APPROACHING PERPENDICULAR TO FENDER.
PIPE PILE CORROSION	-PROTECTION BY GALVANIZING. ANODES SHOULD BE ADDED AFTER 10 YEARS FOR SUBMERGED PILE PROTECTION.

**MATERIALS AND CONSTRUCTION**

STRUCTURAL STEEL	-PILE CAPS SHALL BE ASTM 572 GRADE 50, GALVANIZED. REPAIR ALL HOLES REQUIRE FOR GALVANIZING. DOLPHIN CAPS SHALL BE ASTM A36, SPRAY METALIZED.  -MISCELLANEOUS PLATES SHALL BE ASTM A36, HOT DIPPED GALVANIZED, UNLESS NOTED TO BE SPRAY METALIZED.  -PIPES SHALL BE ASTM A53, GRADE B, TYPE E OR S, HOT DIPPED GALVANIZED, EXCEPT FENDER SLEEVE SHALL BE API-5LX-60
STEEL PILES	STEEL SUPPORT PILES SHALL BE ASTM A252, GRADE 3 WITH CARBON EQUIVALENCY NOT TO EXCEED 0.45 PER AWS D1.1 APPENDIX XI, GALVANIZED. THE BOTTOM 20 FEET OF PILES NEED NOT BE GALVANIZED. OUTSIDE DIAMETER AND ROUNDNESS SHALL NOT VARY BY MORE THAN 1% OF THE SPECIFIED DIAMETER, EXCEPT THAT OUTSIDE DIAMETER OF PIPE WITHIN 4 INCHES OF SPLICE LOCATIONS SHALL NOT VARY BY MORE THAN 1/2% FROM SPECIFIED DIAMETER. FENDER PIN PILES SHALL BE API-5LX-60, GALVANIZED. SPIRAL WELD PIPE SHALL NOT BE USED.
BOLTS	-ASTM A325, FOR ALL STEEL TO STEEL CONNECTIONS. WASHERS SHALL BE USED IN ALL AREAS WHERE THE BOLT HEAD OR NUT SHALL BEAR AGAINST TIMBER OR AGAINST OVERSIZED HOLES IN STEEL (i.e. MORE THAN 1/16 INCH LARGER THAN BOLT DIAMETER). ALL BOLTS CONNECTING WOOD SHALL BE ASTM A307, GALVANIZED. A325 BOLTS SHALL BE TIGHTENED USING TURN OF NUT METHOD.
STEEL CONSTRUCTION	SHALL CONFORM TO AISC STANDARDS.
STEEL WELDING	-PER CURRENT AMERICAN WELDING SOCIETY AWS D1.1 CODE. ALL WELDERS SHALL BE QUALIFIED PER AWS FOR THE TYPE OF WELDING ANTICIPATED. WELDS SHALL BE SPOT TESTED BY THE ENGINEER BY VT, MT, OR UT AND THOSE FAILING SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
GALVANIZING	-ALL STRUCTURAL STEEL, PIPE AND HARDWARE SHALL BE GALVANIZED PER ASTM A123 OR A153 AFTER FABRICATION UNLESS OTHERWISE NOTED. GALVANIZING DAMAGED FROM SHIPPING, HANDLING, OR WELDING OR BY OTHER MEANS SHALL BE REPAIRED BY SPRAY METALIZING OR STICK GALVANIZING WITH ZINC OR ALUMINUM ALLOY STICKS. CONTRACTOR SHALL SUBMIT REPAIR MATERIAL AND METHOD OF REPAIR FOR REVIEW AND APPROVAL.
SPRAY METALIZING	-STRUCTURAL STEEL AS NOTED ON THE PLANS SHALL BE SPRAY METALIZED WITH ALUMINUM OR ZINC PER THE STEEL STRUCTURES PAINTING COUNCIL (SSPC) GUIDE NO. 23. MINIMUM DRY COATING THICKNESS OF 6 MILS IS REQUIRED. METALIZING DAMAGED BY SHIPPING OR HANDLING SHALL BE REPAIRED BY GALVANIZING SECTION.
RUBBER	-EPTON SUPER CYLINDRICAL OR EQUAL.
TIMBER	-COAST REGION DOUGLAS FIR NO. 1 OR BETTER PER NORTHWEST GRADING RULES NO.17, SURFACED FOUR SIDES(S4S). ALL TIMBER SHALL BE PRESSURE TREATED WITH ACZA PER AWPA C-2 TO A NET DRY SALT PENETRATION OF 0.6 LBS. PER CUBIC FOOT, EXCEPT TIMBER FOR FENDERS SHALL HAVE A NET PENETRATION OF 2.5 LBS. PER CUBIC FOOT PER AWPA C-18. FABRICATION AND DRILLING OF TIMBER SHALL BE DONE AS MUCH AS POSSIBLE BEFORE TREATING. FIELD DRILLED HOLES, CUTS, AND MINOR DAMAGED AREAS SHALL BE FIELD SWABBED WITH THE SAME PRESERVATIVE PER AWPA M-4. BOLT HOLES SHALL BE 1/8 INCH OVERSIZED EXCEPT AS OTHERWISE NOTED.
TIMBER PILES	-SHALL BE COAST REGION DOUGLAS FIR AND CONFORM TO ASTM D-25 WITH 44 INCH MINIMUM BUTT CIRCUMFERENCE AND 8 INCH MINIMUM TIP DIAMETER. TIMBER PILES SHALL BE PRESSURE TREATED WITH ACZA TO A NET DRY SALT PENETRATION OF 2.5 LBS. PER CUBIC FOOT PER AWPA C-18. ALL TIMBER PILE CUTOFFS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE.

GLUE--LAMINATED TIMBER	-SHALL BE COAST REGION DOUGLAS FIR 24F-V4 PER AITC. PRESSURE TREATED WITH CREOSOTE TO NET A RETENTION OF 12 LBS. PER CUBIC FOOT PER AWPA C28. FABRICATION: FIELD DRILLED HOLES, DAMAGE, AND BOLTING SHALL BE AS DESCRIBED IN THE TIMBER SECTION OF THESE GENERAL NOTES. ENDS OF CUT GLULAM SHALL BE SCATTER-NAILED WITH (20) 3" LONG COPPER NAILS. GLULAMS SHALL BE SUPPLIED WITH LENGTHS ONE FOOT LONGER THAN PLANNED DIMENSION & CUT TO FIT IN FIELD AND FURTHER TREATED PER AWPA M-4 SPECIFICATIONS. THE TOP OF TIMBER SHALL BE PUNCH MARKED WITH "TOP" TO INDICATE REQUIRED ORIENTATION OF THE COMPRESSION SIDE OF TIMBER.
SIGNS	-ALL SIGNS SHALL BE ALUMINUM SHEET WITH THICKNESS OF 0.080 INCHES. ALL SIGNS SHALL HAVE BLACK LETTERING ON YELLOW BACKGROUND. SIGNS SHALL BE LETTERED WITH BLOCK STYLE LETTERING AS SHOWN ON THE PLANS. SIGNS SHALL BE MOUNTED TO THE BULLRAIL AS SHOWN ON THE PLANS WITH 1/4" x 2" LONG STAINLESS STEEL SCREWS.
PIPE PILE INSTALLATION	-THE CONTRACTOR SHALL SUBMIT A PLAN FOR PILE DRIVING. THE PLAN SHALL CONTAIN HAMMER TYPE AND DRIVING METHOD FOR ALL PILE TYPES. THE CONTRACTOR SHALL NOT MOBILIZE HAMMERS AND RELATED EQUIPMENT PRIOR TO RECEIVING WRITTEN APPROVAL OF THE PLAN. THE CONTRACTOR SHOULD ALLOW ONE WEEK FOR REVIEW OF THE PLANS BY THE ENGINEER.  DRIVING METHODS FOR BATTERED PILES SHALL UTILIZE A DRIVING TEMPLATE THAT SHALL REMAIN UNTIL DOLPHIN CAP, BATTER CAP OR PILE CAP HAS BEEN ATTACHED TO THE PILES OR THE PILES HAVE BEEN RIGIDLY BRACED INTO POSITION.  ACCURATE PLACEMENT OF PILES IS NECESSARY. METHODS FOR PILE INSTALLATION WITH THESE CONDITIONS SHALL BE INCLUDED IN THE PILE DRIVING PLAN.  ALL PILE INSTALLATION SHALL BE CONDUCTED WITH THE ENGINEER PRESENT. THE CONTRACTOR SHALL ASSIST THE ENGINEER WITH MONITORING OF PILE DRIVING. THE CONTRACTOR SHALL MARK EACH PILE WITH ONE FOOT INCREMENTS WITH EVERY 5 FOOT INCREMENT NUMBERED. THE MARKS SHALL BE VISIBLE FROM ALL SIDES OF THE PILE.  ALL PILES, BOTH VERTICAL AND BATTER SHALL BE DRIVEN TO CAPACITY OR REFUSAL WITH AN IMPACT HAMMER WITH A MINIMUM RATED OF 60,000 FT.-LBS.  ANY HAMMER THAT CAUSES DAMAGE TO ANY PILE SHALL BE SUBSTITUTED WITH AN ACCEPTABLE ALTERNATE HAMMER AT NO ADDITIONAL EXPENSE TO THE OWNER.  IMPACT HAMMER SHALL BE SUPPLIED WITH NEW CAPBLOCK CUSHIONS, WHICH SHALL BE CHANGED AT THE MANUFACTURER'S RECOMMENDED CYCLE. THE CONTRACTORS DRIVING PLAN SHALL INCLUDE MANUFACTURERS RECOMMENDATIONS AND INFORMATION ON HAMMER CUSHION WITH THE PILE DRIVING PLAN.  VERTICAL SUPPORT PILES SHALL BE PLACED SO THAT THEY ARE NO MORE THAN 1/8" PER FOOT OUT OF PLUMB AND WITHIN 2 INCHES OF SPECIFIED LOCATION AT CUTOFF. BATTER PILES W/SLOPE 2V:1H SHALL BE PLACED SO THAT THEIR SLOPE VARIES BETWEEN 5 7/8" AND 6 3/8" HORIZONTAL TO ONE FOOT VERTICAL, AND WITHIN 2 INCHES OF SPECIFIED LOCATION AT CUTOFF. BATTER PILES W/SLOPE 3V:1H SHALL BE PLACED SO THAT THEIR SLOPE VARIES BETWEEN 3 7/8" AND 4 3/8" HORIZONTAL TO ONE FOOT VERTICAL AND WITHIN TWO INCHES OF SPECIFIED LOCATION AT CUT OFF. TIMBER FENDER PILES SHALL BE PLACED SO THAT THEIR SLOPE IS BETWEEN 7/8" AND 1 1/4" HORIZONTAL TO ONE FOOT VERTICAL AND WITHIN TWO INCHES OF THE SPECIFIED LOCATION AT CUT OFF.  PILES HITTING OBSTACLES AND MISALIGNED PILES SHALL BE PULLED BY THE CONTRACTOR WITH A VIBRATORY HAMMER OR OTHER MEANS IF NECESSARY AND REDRIVEN AT NO ADDITIONAL COST TO THE OWNER. A VIBRATORY HAMMER WITH MINIMUM REQUIREMENTS EQUIVALENT TO A MKT V-20 MUST BE AVAILABLE ON SITE DURING ALL PILE DRIVING OPERATIONS.  PILE CAPACITIES FOR PILES AS SHOWN ON THE PLANS ARE REQUIRED. PILES SHALL BE SUPPLIED IN THE LENGTH NOTED ON THE PLANS. PILES SHALL BE DRIVEN FULL LENGTH TO CUTOFF ELEVATION UNLESS PILE REFUSAL OR REQUIRED PILE CAPACITY IS OBTAINED. PILE CAPACITY AND REFUSAL SHALL BE DETERMINED BY THE ENGINEER.  FENDER PIN PILES SHALL BE DRIVEN TO A MINIMUM PENETRATION OF 20 FEET BELOW MUDLINE AND TO PILE CAPACITY  TIMBER FENDER PILES SHALL BE DRIVEN TO A MINIMUM PENETRATION OF 15 FEET BELOW MUDLINE  ALL STEEL PILE CUTOFF AND UNUSED PIPE PILE ON THIS PROJECT SHALL BECOME THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL REMOVE THE PIPE FROM THE PROJECT SITE AND SHALL NEATLY STACK THE PIPE AS APPROVED BY THE ENGINEER WITHIN 5 MILES OF THE CONSTRUCTION SITE.

**STAGING AREA**

THE CONTRACTOR WILL HAVE THE PORTION "EXISTING DOCK" AS SHOWN ON THE PLANS AS A STAGING AREA. IT WILL BE AVAILABLE FOR USE BY THE CONTRACTOR DURING THE CONSTRUCTION PERIOD. AT THE END OF THE CONSTRUCTION PERIOD THE CONTRACTOR SHALL RESTORE THE DOCK TO IT'S ORIGINAL CONDITION. THIS DOCK IS OF LIGHT TIMBER CONSTRUCTION. THE CONTRACTOR SHALL MAKE ALL DETERMINATIONS OF SUITABILITY FOR USE OF THIS DOCK TO SUPPORT CONSTRUCTION LOADS AND OPERATIONS. ANY DAMAGE DUE TO CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR. THE CONTRACTOR SHALL NOT BLOCK THE PASSAGE OF TRAFFIC THAT USES AREAS ADJACENT TO THE STAGING AREA. NO PETROLEUM PRODUCTS MAY BE STORED ON THE EXISTING DOCK. EXISTING DECK SHALL BE PROTECTED FROM DAMAGE CAUSED BY CONSTRUCTION OPERATIONS AND STORAGE OF MATERIALS. CONTRACTOR SHALL NOT USE ADJACENT BEACHES OR UPLANDS FOR STORAGE OF EQUIPMENT OR MATERIALS.

**SURVEY**

THE CONTRACTOR SHALL PERFORM A SURVEY FOR LAYOUT OF THE DOCK STRUCTURES. THE CONTRACTOR SHALL SUBMIT ALL SURVEY LAYOUT CALCULATIONS FOR REVIEW.

**SUBMITTALS**

SHOP DRAWINGS FOR ALL FABRICATED MATERIALS SHALL BE SUBMITTED TO THE ENGINEER FOR WRITTEN APPROVAL PRIOR TO FABRICATION OF ANY ITEM. CERTIFICATIONS, MANUFACTURER'S DATA AND OTHER INFORMATION FOR ALL MATERIALS, INCLUDING THOSE NOT SPECIFICALLY NOTED IN THE GENERAL NOTES OR SHOWN ON INDIVIDUAL DRAWINGS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. ALL METHODS AND MATERIALS SHALL CONFORM TO THE CONTRACT DOCUMENTS, GENERAL NOTES, THE PLANS, GOOD WORKMANSHIP, GENERALLY ACCEPTED INDUSTRY STANDARDS, AND MANUFACTURERS RECOMMENDATIONS.

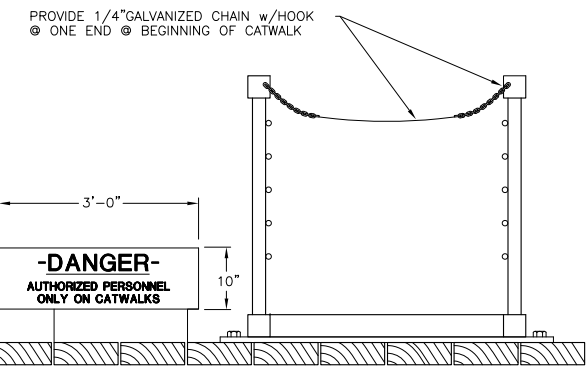
A MINIMUM OF FOUR SETS OF PRODUCT INFORMATION SHALL BE SUBMITTED FOR EACH PRODUCT. IN ADDITION, FOR ALL PLAN SHEETS C SIZE OR LARGER, ONE SET OF DIAZO REPRODUCIBLE QUALITY COPIES SHALL BE SUBMITTED. ONE REVIEW COPY WILL BE RETURNED AND MARKED AS REQUIRED FOR ACCEPTANCE OR NON-ACCEPTANCE.

THE FOLLOWING IS A LIST OF REQUIRED SUBMITTALS FOR THIS PROJECT. THE ENGINEER MAY REQUIRE ADDITIONAL SUBMITTALS.

1. TIMBER GRADING CERTIFICATION AND PRESSURE TREATMENT CERTIFICATION FOR TIMBER.
2. TIMBER BULLRAIL/HANDRAIL LAYOUT PLAN WITH DETAILED LENGTHS, SUPPORTS & BOLTS.
3. STEEL CERTIFICATION FOR ALL STEEL USED INCLUDING CHEMISTRY, YIELD, MILL NUMBERS AND TENTATIVE ROLLING DATES.
4. GALVANIZING CERTIFICATION AND/OR METALIZING CERTIFICATION AND TENTATIVE GALVANIZING DATES.
5. GALVANIZING REPAIR METHOD AND MATERIALS.
6. AWS WELDING CERTIFICATION FOR ALL WELDERS UTILIZED ON THE PROJECT.
7. PROPOSED WELDING PROCEDURES.
8. STEEL FABRICATION DRAWINGS.
9. SIGN SHOP DRAWINGS.
10. PILE HAMMERS AND DRIVING METHODS.
11. TEMPLATE FABRICATION DRAWING.
12. GLU-LAM SHOP DRAWINGS.
13. RUBBER FENDER CHARACTERISTICS.
14. TIMBER FABRICATION DRAWINGS.

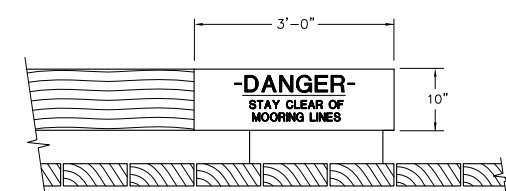
**AS-BUILT PLANS**

THE CONTRACTOR SHALL MAINTAIN A SET OF AS-BUILT PLANS IN HIS JOB OFFICE ON THE PROJECT SITE. THE AS-BUILT PLANS SHALL BE KEPT UP-TO-DATE THROUGHOUT THE PROJECT WITH THE LATEST AS-BUILT DIMENSIONS AND DETAILS AS APPROVED BY THE ENGINEER AND SHALL BE SUBMITTED TO THE OWNER AT THE END OF THE PROJECT.



**SIGN No. 4**

(TWO TOTAL) (ONE @ START OF EACH CATWALK)



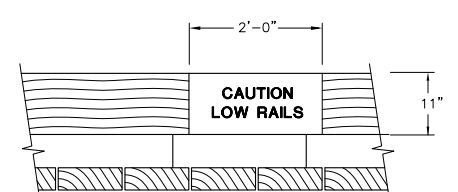
**SIGN No. 2**

NOTE: PROVIDE AT EACH BOLLARD LOCATION  
3 LOCATIONS TOTAL



**SIGN No. 3**

NOTE: PROVIDE AT EACH LADDER  
& DOLPHIN LOCATION ON BOTH  
SIDES OF BULLRAIL. 7 LOCATIONS  
TOTAL (14 SIGNS TOTAL)



**SIGN No. 1**

NOTE: SPACE SIGNS @ 50' INTERVALS ALONG ENTIRE  
LENGTH OF DOCK FACE ON SHORE SIDE EDGE  
OF BULLRAIL, PROVIDE 10 SIGNS TOTAL.

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**PORT CHILKOOT DOCK EXPANSION**

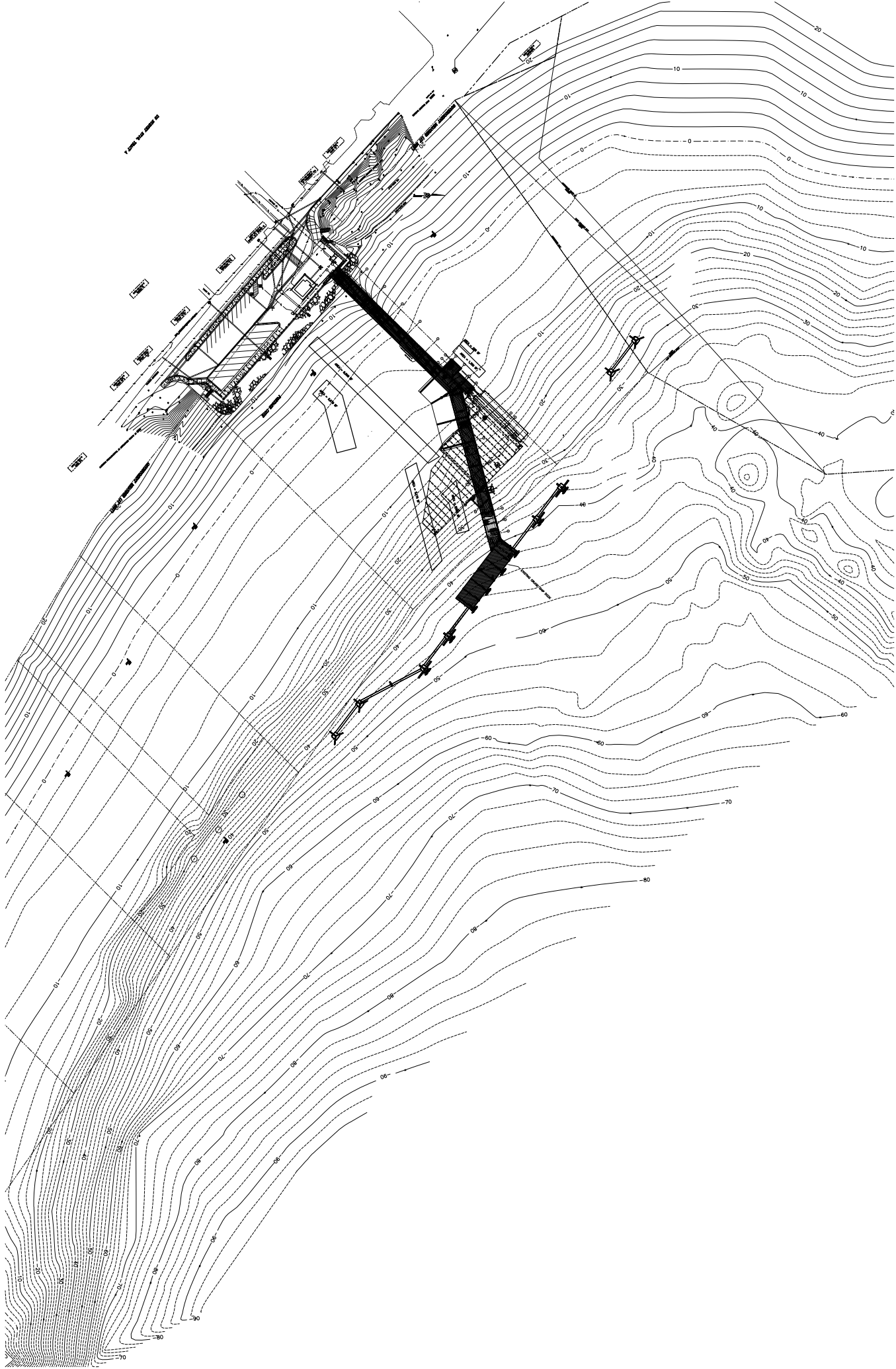
Designed: CG  
Drawn: DS/DRH  
Checked: BG  
Project No.: 93229

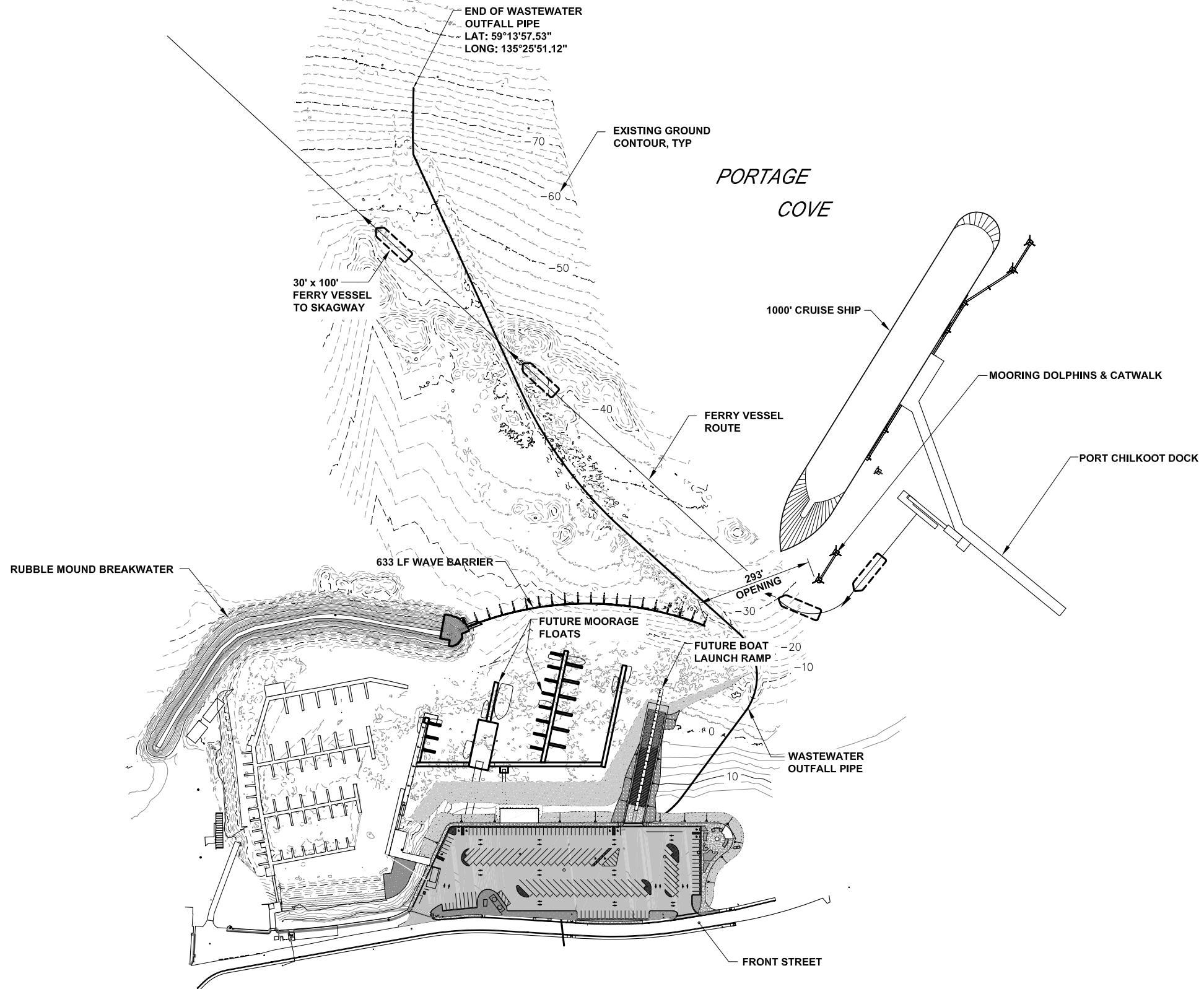
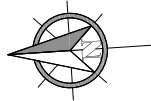
**Peratrovich, Nottingham & Drage, Inc.**  
Engineering Consultants  
3220 Hospital Drive, Suite 200  
Juneau, Alaska 99801  
Ph: (907) 586-2093 Fax: (907) 586-2099

Date: DEC. 1, 1994  
Scale:

**GENERAL NOTES AND SIGNS**

Ref. No.: 93229-16





END OF WASTEWATER  
OUTFALL PIPE  
LAT: 59°13'57.53"  
LONG: 135°25'51.12"

EXISTING GROUND  
CONTOUR, TYP

PORTAGE  
COVE

30' x 100'  
FERRY VESSEL  
TO SKAGWAY

1000' CRUISE SHIP

MOORING DOLPHINS & CATWALK

PORT CHILKOOT DOCK

FERRY VESSEL  
ROUTE

RUBBLE MOUND BREAKWATER

633 LF WAVE BARRIER

293'  
OPENING

FUTURE MOORAGE  
FLOATS

FUTURE BOAT  
LAUNCH RAMP

WASTEWATER  
OUTFALL PIPE

FRONT STREET



REVISIONS					
REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.

**P | N | D**  
ENGINEERS, INC.

9360 Glacier Highway, Ste. 100  
Juneau, Alaska 99801  
Phone: 907-586-2093  
Fax: 907-586-2099  
www.pndengineers.com

DESIGN: BMI    CHECKED: CRS  
DRAWN: BMI    APPROVED: \_\_\_\_\_

SCALE: SCALE IN FEET  
0    150    300 FT.

DATE: MAY 4, 2018

**HAINES BOROUGH  
PORTAGE COVE HARBOR  
BOAT LAUNCH IMPROVEMENTS**

SHEET TITLE: **VICINITY PLAN -  
PROPOSED HARBOR IMPROVEMENTS**

PND PROJECT NO.: 172032

**1**  
SHEET  
OF 1



Haines Borough  
PHAC  
RECORD OF DECISION

DATE: October 5, 2023

TO: Borough Assembly

FROM: Ports & Harbors Advisory Committee

BOARD DECISION:

Motion: Hughes moved to “recommend the reformatted Port Tariff to the Assembly,”

And the motion carried unanimously.

SUBMITTED BY

A handwritten signature in black ink, appearing to read "Norman Hughes", written over a horizontal line.

(signature)

*Norman Hughes (Committee Deputy Chair)*



Effective May 15, 1994  
Reformatted and restated  
March 14, 2023

**PORT OF HAINES**  
**OPERATED BY THE HAINES BOROUGH, ALASKA**

**FMC TARIFF NO. 3**

**NAMING RATES, CHARGES, RULES AND REGULATIONS**

~ For ~

**Wharfage and Storage**  
**At**  
**The Port of Haines, Alaska**

ISSUED BY:

PORT OF HAINES  
HAINES, ALASKA

Annette Kreitzer, Borough Manager  
P.O. BOX 1209  
Haines, Alaska 99827  
Ph: 907-766-6404  
Fx: 907-766-2716  
[www.hainesalaska.gov](http://www.hainesalaska.gov)

Originally Published as  
City of Haines Terminal Tariff FMC No.3  
By: Pacific Coast Tariff Bureau  
221 Main St., Suite 530  
San Francisco, CA 94105

Reformatted and Restated  
Version Prepared By:  
Aleka Fullerton, Borough  
Clerk Haines Borough  
P.O. Box 1209  
Haines, Alaska 99827  
Ph: 907-766-6402  
Fx: 907-766-2716



# PORT OF HAINES TERMINAL TARIFF FMC NO.3

## PREFACE

The purpose of this document is to provide, in a complete but condensed format for public review, the terms, conditions, rules, regulations, charges, and rates comprising the Port of Haines Tariff, as received by the Borough Manager from time to time and approved by the Haines Borough Assembly.

This document comprises the Port of Haines Terminal Tariff, FMC No. 3 effective May 15, 1994, reformatted January 1, 2012 and reformatted and restated March 14, 2023. This version entirely replaces and restates the Haines Terminal Tariff, FMC NO. 3.

### **Tariff Revisions**

The Port of Haines Tariff may be revised in whole or in part from time to time. Upon such revision, the amended page(s) will show the revision date in the upper right corner. Requests for missing pages or additional copies of the tariff may be directed to the Haines Borough Clerk.

### **Notice to Public**

This tariff is published as required by law and is, therefore, notice to the public, shippers, consignees and carriers that the rates, rules and charges apply to all traffic for which contract rates have not been arranged.

In addition to this Port Tariff, the public, shippers, consignees and carriers using Port of Haines facilities should consult and be aware that the Haines Borough Code of Ordinances, including but not limited to Chapter 15.04 International Fire Code, Title 13 Utilities, and Title 16 Harbors, all as amended, apply and govern where not specifically provided otherwise in this tariff.



PORT OF HAINES TERMINAL TARIFF  
FMC NO.3

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PAPER FACSIMILE OF ELECTRONICALLY FILED TARIFF

This tariff has been filed with the Federal Maritime Commission in an electronic databased format as required by the Commission's AUTOMATED TARIFF FILING AND INFORMATION SYSTEM, also known as ATFI. These printed pages are extracts of the filed ATFI data assembled by Pacific Coast Tariff Bureau's proprietary software, Tariff BASE, into traditional tariff "pages."

In the publishing of these pages our software has been designed with the flexibility to present some data in more user friendly form. That is, the text on the printed page is not always identical to the text you would read when you access the ATFI system directly. For example, in ATFI, cargo originating from San Francisco would show in the ATFI retrieval system as "SAN FRANCISCO (port), CA USA." In this printed page format it simply reads "San Francisco, CA." Another example would be commodity item numbers. ATFI requires commodity item numbers to be 10 characters long and hyphenated as follows: 0000-00-0000. On the printed tariff pages the item numbers may be shorter by suppressing trailing (filler) zeroes, or split differently than the ATFI hyphenation screen. Sometimes ATFI fields are combined on the printed page. One example is the rate basis - "PC40." In ATFI this would be displayed in two separate fields: RATE BASIS - PC, CONTAINER SIZE - 40.

None of the changes in data presentation on these printed pages represent incorrect or incomplete data. They are simply changed for better tariff readability.

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RULE NO. 12. AD VALOREM RATES **Strike Page**

-----  
Not Applicable

RULE NO. 13. TRANSSHIPMENT

-----  
Not Applicable

RULE NO. 14. CO-LOADING IN FOREIGN COMMERCE

-----  
Not Applicable

RULE NO. 15. OPEN RATES IN FOREIGN COMMERCE

-----  
Not Applicable

RULE NO. 16. HAZARDOUS CARGO

-----  
Not Applicable

RULE NO. 17. GREEN SALTED HIDES IN FOREIGN COMMERCE

-----  
Not Applicable

RULE NO. 18. RETURNED CARGO IN FOREIGN COMMERCE

-----  
Not Applicable

RULE NO. 19. SHIPPERS REQUESTS IN FOREIGN COMMERCE

-----  
Not Applicable

RULE NO. 20. OVERCHARGE CLAIMS

-----  
Not Applicable

RULE NO. 21. USE OF CARRIER EQUIPMENT

-----  
Not Applicable

RULE NO. 22. AUTOMOBILE RATES IN DOMESTIC OFFSHORE COMMERCE

-----  
Not Applicable

ISSUED BY: Mark Earnest, Borough Manager, Haines Borough

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RULE NO. 23. CARRIER TERMINAL RULES AND CHARGES **Strike Page**

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Not Applicable

RULE NO. 24. NVOCC'S IN FORIGN COMMERCE: BONDS AND AGENTS

-----  
Not Applicable

RULE NO. 25. CERTIFICATION OF SHIPPER STATUS IN FOREIGN COMMERCE

-----  
Not Applicable

RULE NO. 26. TIME/VOLUME RATES IN FOREIGN COMMERCE

-----  
Not Applicable

RULE NO. 27. LOYALTY CONTRACTS IN FOREIGN COMMERCE

-----  
Not Applicable

RULE NO. 28. DEFINITIONS

-----  
Not Applicable

RULE NO. 29. SYMBOLS

-----  
Not Applicable

RULE NO. 30. ACCESS TO TARIFF INFORMATION

-----  
Not Applicable

RULE NO. 31. SEASONAL DISCONTINUANCE

-----  
Not Applicable

RULE NO. 32. RESERVED

-----  
RULE NO. 31. PROJECT RATES

-----  
Not Applicable

ISSUED BY: Mark Earnest, Borough Manager, Haines Borough

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<b>RULE NO. 34. TERMINAL TARIFFS</b> ----- <p style="text-align: center;">See Subrules.</p>		



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ISSUED BY: Mark Earnest, Borough Manager, Haines Borough

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RULE NO. 34. TERMINAL TARIFFS

-----  
99. SECTION 1 DEFINITIONS  
-----

100. RULE 100 WHARFAGE  
-----

Wharfage is the charge assessed against freight passing or conveyed over, onto or under wharves or between vessels or overside vessels when berthed at wharf or moored in slip adjacent to wharf; it is the charge for use of wharf and does not include charge for any other service.

110. RULE 110 HANDLING  
-----

Handling charges are those assessed in performing loading or discharge of cargo between ship's tackle, or terminal's tackle, and place of rest on dock, truck, vessel or other conveyance.

120. RULE 120 DOCKAGE  
-----

Dockage is the charge assessed against vessels for docking at a wharf, pier or for mooring to a vessel so docked, or for coming within a slip.

Dockage Period: The period of time upon which dockage will be assessed shall commence when the vessel is made fast to an allocated berth or moored, or comes within a slip and shall continue until such vessel lets go and has vacated the position allocated.

Idle Vessels: A vessel not engaged in working cargo will be permitted its berth with the understanding that it shall vacate when the berth is required for a vessel to load or discharge cargo. A vessel on notice to move which refuses to vacate will be assessed dockage at five times its applicable rate named in this Tariff, starting at the time vessel is notified to vacate.



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-----

130. RULE 130 SHIPMENTS HANDLED OVERSIDE OF VESSEL

-----

Freight transferred directly between vessels berthed at wharf, but not using facilities of wharf in its transfer, or freight received by vessel or discharged into water, to barges, boats or other vessel, while vessel is berthed at wharf, will be assessed Half Wharfage, named in this Tariff.

135. RULE 135 STORAGE - FREE TIME

-----

Free time is the specified number of days during which cargo may occupy space, assigned to it, on the pier without being subject to wharf demurrage or storage charges. Free time not to exceed forty-eight (48) hours on local freight, and five (5) days on in-transit freight will be allowed.

140. RULE 140 WHARF DEMURRAGE - PIER STORAGE

-----

This is the charge assessed against cargo which remains on port property after the expiration of the free time allowed. Storage will be assessed at the rate of \$0.40 per square foot per month for general cargo. All storage subject to availability with location, placement, and arrangements to be at the discretion of the terminal operator. Storage space in excess of 2,500 square feet shall require a Special Lease agreement.

141. RULE 141 SPECIAL LEASE - LEASE FEES (C)

-----

Special lease agreements can be made on specified areas for a fixed rental payment thereon. ~~Rental rates other than by special agreement shall be at a rate of fifteen (15) cents per square foot per month, under the following~~ minimum conditions must be met for a special lease agreement:

- No space will be rented with an area of less than ~~250~~ 1,500 square feet.
- Monthly charges shall be paid in advance.
- Storage charges shall be for a thirty-day minimum period, with charges pro-rated on a per-day basis after the first thirty day period.

ISSUED BY: Mark Earnest, Borough Manager, Haines Borough

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RULE NO. 34. TERMINAL TARIFFS

-----  
199. SECTION 2 RULES AND REGULATIONS  
-----

200. RULE 200 DELAYS, WAIVER OF CHARGES  
-----

Delays in loading, unloading, receiving, delivering or handling freight arising from combinations, riots or strikes not reasonably within the control of the terminal operator, will not entitle owners, shippers, consignees or carriers of freight to waiver of wharf terminal or advanced charges, or other expenses that may be incurred.

210. RULE 210 RIGHT TO WITHHOLD DELIVERY OF FREIGHT  
-----

No provision contained in this tariff shall limit or relieve the Port of Haines from liability for its own negligence nor require any person or user to indemnify or hold harmless the Port of Haines from liability for its own negligence.

Except when loss or damage is caused by the terminal's own negligence, the terminal will not be responsible for any loss or damage caused by fire; frost; heat; dampness; leakage; the elements; evaporation; natural shrinkage; wastage or decay; animals, rats, mice or other rodents; moths, weevils or other insects; leakage or discharge from fire protection systems; collapse of buildings or structures; breakdown of plant or machinery or equipment; or by floats, logs, or piling required in breasting vessels away from wharf; nor will it be answerable, except when caused by its own negligence, for any loss, damage or delay arising from insufficient notification or from war, insurrection, shortage of labor, combination strikes or riots of any persons in its employ or in the services of others or from any consequence arising therefrom. All vessels will be held responsible for damage done to the dock when landing, laying alongside or when leaving the dock.

~~JOINT DOCK USE AREA - Any and all vessels other than vessels operated by the State of Alaska Marine Highway System, using the joint use area of the dock, shall obtain approval from the Harbor Master prior to such use.~~



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RULE NO. 34. TERMINAL TARIFFS

-----  
210. RULE 210 LIABILITY FOR LOSS OR DAMAGE LIMITED  
-----

Owners of vessels using this dock area agree to indemnify and hold the Borough harmless from all costs of repairing any damage done to the surface or any other portion of the dock by the vessel officers, agents, employees, assigns or contractors, or by any party or vessel handling any cargo on behalf of the vessel. Owners of vessels using this dock area also agree to indemnify and hold the Borough harmless from any and all claims, demands or liability for bodily injury or death of any person, or damage to property arising out of the use of this dock area by the vessel, or by any party or vessel handling any cargo on behalf of the vessel.

-----  
220. RULE 220 REMOVAL, TRANSFER OR WAREHOUSE FREIGHT  
-----

Hazardous or offensive freight, which, by its nature, is likely to damage other freight is subject to immediate removal either from the wharf or wharf premises or to other locations within said premises with all expense and risk of loss or damage, for the account of owner, consignee or shipper, the terminal operator being liable for loss or damage only in case of lack of ordinary care.

Freight remaining on wharf or wharf premises after expiration of free time, and freight shut out at time of clearance of vessel, may be piled or re-piled to make space, transferred to other locations or receptacles within the wharf premises, or removed to public or private warehouses with all expense and risk of loss or damage for account of the owner, shipper, consignee or carrier as responsibility may appear, the terminal operator being liable for loss or damage only in case of lack of ordinary care.

-----  
230. RULE 230 RIGHT TO WITHHOLD DELIVERY OF FREIGHT  
-----

Right is reserved by terminal operator to withhold delivery of freight until all accrued terminal charges and/or advances against said freight have been paid in full.





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RULE NO. 34. TERMINAL TARIFFS

-----  
240. RULE 240 RIGHT TO SELL FOR UNPAID CHARGES  
-----

Freight on which unpaid terminal charges and advances have accrued may be sold to satisfy such charges and costs. Freight of a perishable nature, or of a nature liable to damage other freight may be sold at public or private sale without advertising, provided owner has been given proper notice to pay charges and remove said freight, and has neglected or failed to comply.

250. RULE 250 EXPLOSIVES  
-----

The acceptance, handling or storage of explosives or excessively flammable material shall be subject to special arrangements with terminal operator and governed by rules and regulations of Federal, State and Local authorities.

260. RULE 260 OWNER'S OR SHIPPER'S RISK  
-----

Glass, liquids, and fragile articles will be accepted only at owner's or shipper's risk for breakage, leakage, or chafing, the terminal operator being liable for loss or damage only in case of lack of ordinary care. Freight in open storage on wharf platforms or ground and freight subject to freezing is at owner's or shipper's risk for loss or damage.

Timber and logs or lumber rafts, and all water craft, if and when permitted by terminal operator to be moored in slips at moorage dolphins, at wharf or alongside vessels, are at owner's or shipper's risk for loss or damage.

270. RULE 270 ACCEPTANCE AND HANDLING OF LIVESTOCK  
-----

The acceptance and handling of livestock shall be subject to special arrangements with terminal operator, and governed by rules and regulations of the Federal, State and Local authorities.



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RULE NO. 34. TERMINAL TARIFFS

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280. RULE 280 TERMS

-----

Terms are cash. All fixed charges named herein and charges made for all services shall become due and payable as they accrue.

281. RULE 281 ACCEPTANCE OF TARIFF (IR)

-----

Use of wharves and facilities shall be deemed acceptance of this tariff and the terms and conditions named therein.

285. RULE 285 CHARGES COLLECTED FROM WHOM (C)

-----

All charges named in this tariff will be assessed against cargo, when not absorbed by the vessel, and are due from the owner, shipper or consignee of the freight. On transit freight in connection with other carriers, however, these charges, and any charges accrued against said freight and of which the vessel, its owners or agents have been apprised, will be collected from and payment of same must be guaranteed by the vessel, its owners or agents. The use of the wharf by a vessel, its owners or agents, shall be deemed acceptance and acknowledgment of this guarantee.

290. RULE 290 PREPAID FREIGHT

-----

Right is reserved by the terminal operator to require prepayment of all charges on perishable freight or freight of doubtful value, and on all Household Goods (not new), Emigrant's Movable, Personal Effects, Livestock and Ore Samples.

ISSUED BY: Mark Earnest, Borough Manager, Haines Borough

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295. RULE 295 MANIFESTS

-----

Owners, agents, users, operators, or masters of vessels will furnish Port with complete copy of manifest showing all cargo loaded and discharged at terminal. Inbound manifest will be furnished prior to or concurrent with vessel arrival; outbound manifest will be furnished prior to or concurrent with vessel departure.

298. RULE 298 MINIMUM CHARGE

-----

Except as otherwise provided herein, the minimum charge for any single shipment shall be:

WHARFAGE:	<del>\$5.00</del>	\$1,000.00
WHARF DEMURRAGE:	<del>\$5.00</del>	
STORAGE:	<del>\$5.00</del>	\$150.00



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**RULES AND REGULATIONS**

RULE NO. 34. TERMINAL TARIFFS

299. SECTION 3 - DOCKAGE AND UTILITY RATES

RESERVED.

300. ITEM 300 **Lutak** DOCKAGE RATES (C)

Dockage charges are assessed upon Length-Over-All (LOA) of the vessel. LOA is defined as the linear distance, in feet, from the most forward point at the stem to the aftermost part of the stern of the vessel, measured parallel to the base of the vessel.

LOA of the vessel as published in "Lloyds Register of Shipping" will be used and when not published, the Port reserved the right to: (a) obtain the LOA from the vessel's register, or (b) measure the vessel.

Except as otherwise provided below, dockage rates per foot per 24-hour period:

Dockage:

Dockage Rate	2023	2024	2025	2026	2027
3% Annual Increase	\$4.62	\$4.76	\$4.90	\$5.05	\$5.20

Minimum dockage charge of ~~\$80.00~~

~~These rates shall be increased 3% annually, effective January 1 of each year.~~

(continued on page 15.A)

<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
<b>\$450</b>	<b>\$475</b>	<b>\$500</b>	<b>500</b>	<b>\$525</b>

ISSUED BY: Debra Schnabel, Borough Manager, Haines Borough



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	Ord.13-08-348	
		Ord.15-09-422
		Ord.19-10-553

**RULES AND REGULATIONS**

Lutak Dock Roll-On Roll-Off Facility

Alaska Marine Lines Inc. (AML) is the owner and operator of the Roll-On/Roll-Off facility and leases the operating space from the Haines Borough. All third party vessel owners/operators must get approval from the Haines Harbormaster and local AML manager a minimum of 24 hrs prior to intended use. Wharfage and dockage fees, as outlined in this tariff, shall apply, in addition to any fees assessed by AML. All wharfage and dockage fees shall be invoiced and collected by AML and remitted to the Haines Borough as appropriate.

Any uplands space required by third party users must make arrangements with the Harbormaster and receive written approval prior to the start of operations.

RULE NO. 34. TERMINAL TARIFFS

305. PORT CHILKOOT DOCK DOCKAGE RATES

Port Chilkoot dockage charges are assessed upon Length-Over-All (LOA) of the vessel. LOA is defined as the linear distance, in feet, from the most forward point the stem to the aftermost part of the stern of the vessel, measured parallel to the base of the vessel.

LOA of the vessel as published in "Lloyds Register of Shipping" will be used and when not published, the Port reserves the right to: (a) obtain the LOA from the vessel's register, or (b) measure the vessel.

Dockage rates per foot per 24-hour period shall be as follows, increasing annually effective January 1 each year:

Vessel LOA	2023	2024	2025	2026	2027
000/149	2.90	3.06	\$3.21	\$3.37	\$3.54
150/199	3.10	3.26	\$3.42	\$3.59	\$3.77
200/299	3.40	3.57	\$3.75	\$3.94	\$4.14
300/399	3.76	3.95	\$4.15	\$4.36	\$4.58
400/499	4.20	4.41	\$4.63	\$4.86	\$5.10
500/599	4.79	5.03	\$5.28	\$5.54	\$5.82
600/699	5.22	5.48	\$5.75	\$6.04	\$6.34
700 and over	5.50	5.78	\$6.07	\$6.37	\$6.69

Minimum Dockage charge: \$80.00

2022	2023	2024	2025	2026
\$400	\$425	\$450	\$475	\$500

ISSUED BY: Debra Schnabel, Borough Manager, Haines Borough

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<b>RULES AND REGULATIONS</b>		

306. PORT CHILKOOT DOCK PORT SECURITY RATES

Regularly scheduled staff time (8-5 Mon-Sun) \$40.00 per hour/Non-regular hours \$80.00 per hour. Haines Borough observed holiday rate \$60.00 per hour regular hours/Non-regular hours \$120.00 per hour.

307. PORT CHILKOOT DOCK LIGHTERING FACILITY RATES

For use of Port Chilkoot Dock lightering float dock, including lightering to transfer passengers to or from larger vessels; to pick up or discharge passengers for local marine tours; moorage of vessels; and moorage of vessels unable to moor in the small boat harbor.

1. Rates:

A. Lightering or transfer of passengers to or from a larger vessel: ~~Five Hundred (\$500) dollars flat rate per 24-hour period.~~ Security and/or tie up rates may apply.

Per-Lightering Vessel	2023	2024	2025	2026	2027
Annual Increase	\$525	\$550	\$600	\$625	\$650

B. Tie Up Rates- Regularly scheduled staff time (~~currently~~ 8-5 Mon-Sun) \$40.00 per hour/Non-regular hours \$80.00 per hour. Haines Borough observed holiday rate \$60.00 per hour regular hours/Non-regular hours \$120.00 per hour.

~~C. Use of the facility by vessels with a capacity of ten-passengers or more to load or unload passengers for tours or charters originating or ending in Haines (per docking):~~

<del>Per-Docking Fee</del>	<del>2019</del>
<del>5% Annual Increase</del>	<del>\$25.53</del>

D. Any commercial vessel in use of this facility must pay a per-passenger fee for all arrivals and departures. A minimum fee of ~~\$30~~ \$35 will be assessed for each vessel arriving or departing. Standard harbor moorage rates apply to any vessel moored for over 3 hours.

Per-Passenger Fee Loading/Unloading	2023	2024	2025	2026	2027
5% Annual Increase	\$.58	\$.61	\$.64	\$.67	\$.70

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**RULES AND REGULATIONS**

**RULE NO. 34. TERMINAL TARIFFS**

-----  
 307. PORT CHILKOOT DOCK LIGHTERING FACILITY RATES (Continued)

2. Use of the Port Chilkoot Dock Facility including the Lightering Float on a permanent or routine basis must be approved by the Borough Assembly in the form of a special use agreement ("SUA").
3. In case of an emergency or lack of moorage space in the small boat harbor when the Port Chilkoot Dock Facility must be used for transient moorage, standard transient moorage rates shall apply for no more than seventy-two consecutive hours per vessel. Such use shall not interfere with the scheduled use of the dock by other vessels. Following expiration of the seventy-two hour period, standard dockage rates shall apply.
4. All other vessels shall pay standard dockage rates.

ISSUED BY: Debra Schnabel, Borough Manager, Haines Borough

307. ITEM 307 Reserved

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**RULES AND REGULATIONS**

**RULE NO. 34. TERMINAL TARIFFS**

310. ITEM 310 WATER RATES

Water may be furnished to vessels at the discretion of the Haines Borough at the following rates:

\$75 service charge plus ~~\$4.50~~ **\$6.00** per 1,000 gallons for water at the Port Chilkoot Dock Facility.

320. ITEM 320 ELECTRICITY RATES

Electrical Outlets: Subject to availability, electricity will be furnished **per the conditions set forth by the Harbormaster.** ~~at cost plus ten percent (10%).~~ It will be the responsibility of the user to provide receptacles with proper voltage. The Haines Borough will not be responsible for electric power failure.

330. ITEM 330 TERMINAL USE PERMITS

The services of handling, loading, unloading and other terminal services not specified herein are provided by independent agents at the Port of Haines under terminal use permits issued by the Haines Borough.

~~340. ITEM 340 PER GALLON FLOW THROUGH RATES~~ **Section Moved**

~~For the transport of fluids, including, but not limited to, fuel, through pipelines across Borough port and dock facilities in both directions in any one calendar year.~~

<del>Per-Gallon Rate</del>	2019	2020	2021	2022	2023
<del>Up to 5 million gallons</del>	\$ .0253	\$ .0261	\$ .0269	\$ .0277	\$ .0285
<del>5 million gallons &amp; over</del>	\$ .0222	\$ .0228	\$ .0235	\$ .0242	\$ .0249



~~These rates shall be increased 3% annually, effective January 1 of each year.~~

ISSUED BY: Debra Schnabel, Borough Manager, Haines Borough

<b>PORT OF HAINES</b> <b>TERMINAL TARIFF, FMC NO.3</b>	Orig./Rev.	Page
	4th Rev.	17
	Cancels	Page
	3rd Rev.	17
	Effective Date	
	September 24, 2013	
	Ordinance 11-02-255; Ordinance 13-08-348 §7	

RULES AND REGULATIONS

RULE NO. 34. TERMINAL TARIFFS

-----  
399. SECTION 4 - WHARFAGE AND HANDLING RATES  
-----

400. ITEM 400 WHARFAGE AND HANDLING (C)  
-----

Except as otherwise provided, wharfage rates named below are in dollars and cents per ton (2,000 pounds) or 40 cubic feet, as freighted.

Handling charges are by special arrangement with terminal use permit holders.

WHARFAGE  
-----

ITEM 401:

Freight, N.O.S.

ITEM 402:

Logs

(Continued on Page 18)

ISSUED BY: Mark Earnest, Borough Manager, Haines Borough

<b>PORT OF HAINES          TERMINAL TARIFF, FMC NO.3</b>	Orig./Rev.	Page
	7th Rev.	18
	Cancels	Page
	6th Rev.	18
	Effective Date	
	December 10, 2019	
	Ordinance 11-02-255; Ordinance 13-08-348 §7; Ordinance 16-01-427 §7 Ordinance 19-10-553 §10	
<b>RULES AND REGULATIONS</b>		

RULE NO. 34. TERMINAL TARIFFS

-----  
 400. ITEM 400 WHARFAGE AND HANDLING (C) ---continued---  
 -----

ITEM 403:

Gravel, Pit run Sand or Gravel; Sand; Crushed Aggregate; Process Stone or Boulders

ITEM 404:

Explosives and other Hazardous Cargo, Viz.:

Powder, gun or blasting; Blasting Caps and Agents; Dynamite; High Explosives; Ammunition other than small arms; and other cargo deemed hazardous by the Haines Borough. (See Note 1)

NOTE 1) Material subject to Rule 34.250. Written permission of the Haines Borough must be obtained prior to any movement of explosives and other hazardous cargo over Borough Port facilities.

Wharfage Rates	2023	2024	2025	2026	2027
Item 401: NOS	\$6.52	\$6.72	\$6.92	\$7.13	\$7.34
Item 402: Logs	\$0.75	\$0.77	\$0.79	\$0.81	\$0.83
Item 403: Gravel	\$0.50	\$0.52	\$0.54	\$0.56	\$0.58
Item 404: Explosives & Hazardous Waste	\$14.82	\$15.27	\$15.73	\$16.20	\$16.69

~~These rates shall be increased 3% annually, effective January 1 of each year.~~

ISSUED BY: Debra Schnabel, Borough Manager, Haines Borough

<b>PORT OF HAINES</b> <b>TERMINAL TARIFF, FMC NO.3</b>	Orig./Rev.	Page
	1st Rev.	18A.
	Cancel	Page
	Original	18A.
	Effective Date	
	October 1, 2000	
	Correction No.	25

RULES AND REGULATIONS

RULE NO. 34. TERMINAL TARIFFS

400. ITEM WHARFAGE AND HANDLING (C) ---continued---

405:

PER-GALLON FLOW-THROUGH RATES

For the transport of fluids, including, but not limited to, fuel, through pipelines across Borough port and dock facilities in both directions in any one calendar year.

Per-Gallon Rate	2023	2024	2025	2026	2027
Up to 5 million gallons	\$.0285	\$.02	\$.0269	\$.0277	\$.0285
5 million gallons & over	\$.0249	\$.0228	\$.0235	\$.0242	\$.0249

ISSUED BY: Mark Earnest, Borough Manager, Haines Borough

Strike

**STRIKE**



<b>PORT OF HAINES</b> <b>TERMINAL TARIFF, FMC NO.3</b>	Orig./Rev.	Page
	1st Rev.	19.
	Cancels	Page
	Original	19.
	Effective Date	
	October 1, 2000	
	Correction No.	26

RULES AND REGULATIONS

RULE NO. 34. TERMINAL TARIFFS

-----  
400. ITEM WHARFAGE AND HANDLING (C) ---continued---  
-----

Reserved for expansion.

Strike



# An-Ac, IHENT A. LUTAK

INLET

STRIKE

1s 63 23' 00" - 1535.11.1           S 63°2:3'47"E - 1534.82'

(S 63 23'00"E - 639.66')  
S 63°52'15"E - 640.52'

Existing City  
of Haines  
Barge Facility

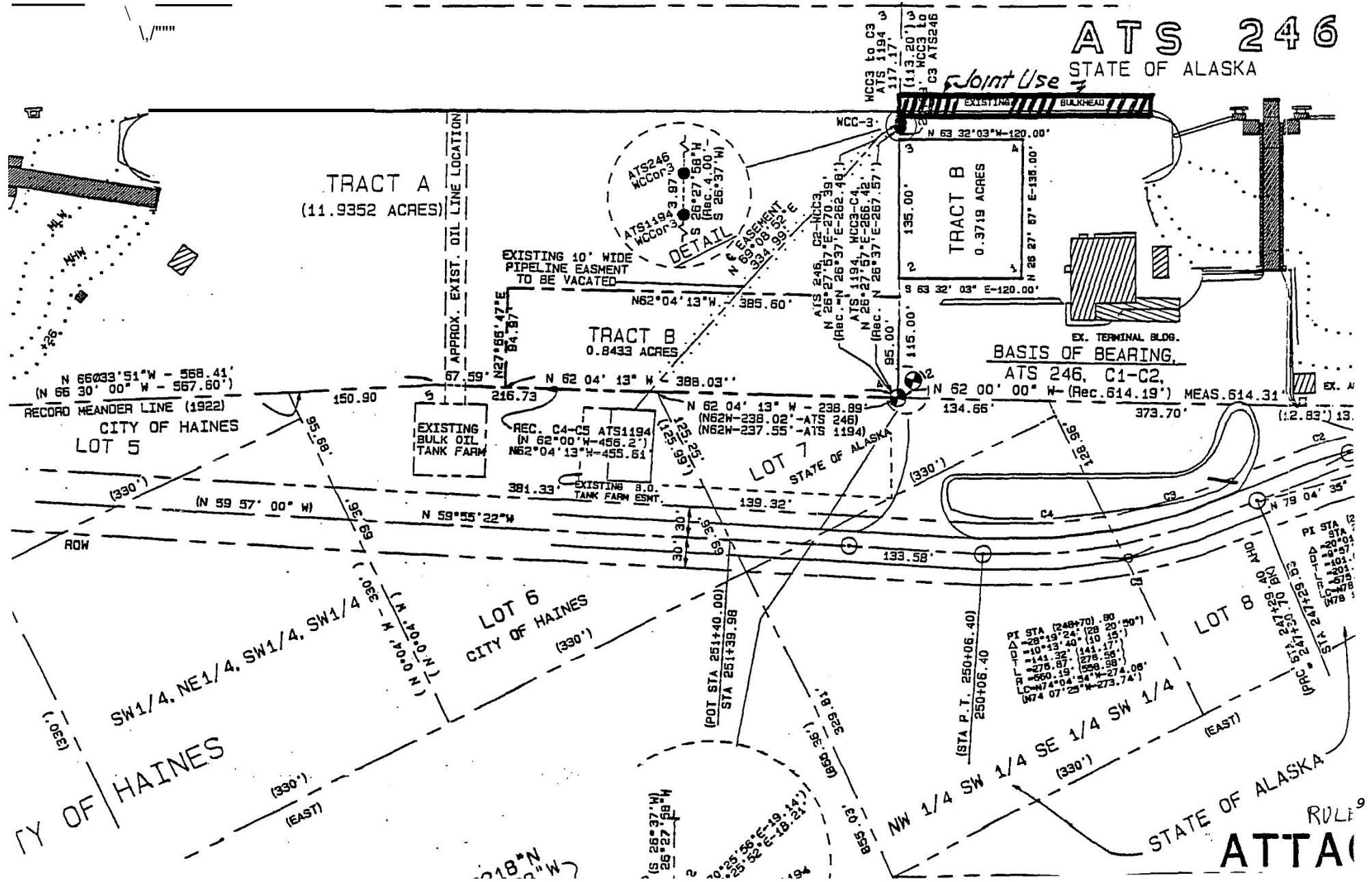
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OW

# ATS 246

STATE OF ALASKA

Joint Use



BASIS OF BEARING  
ATS 246, C1-C2

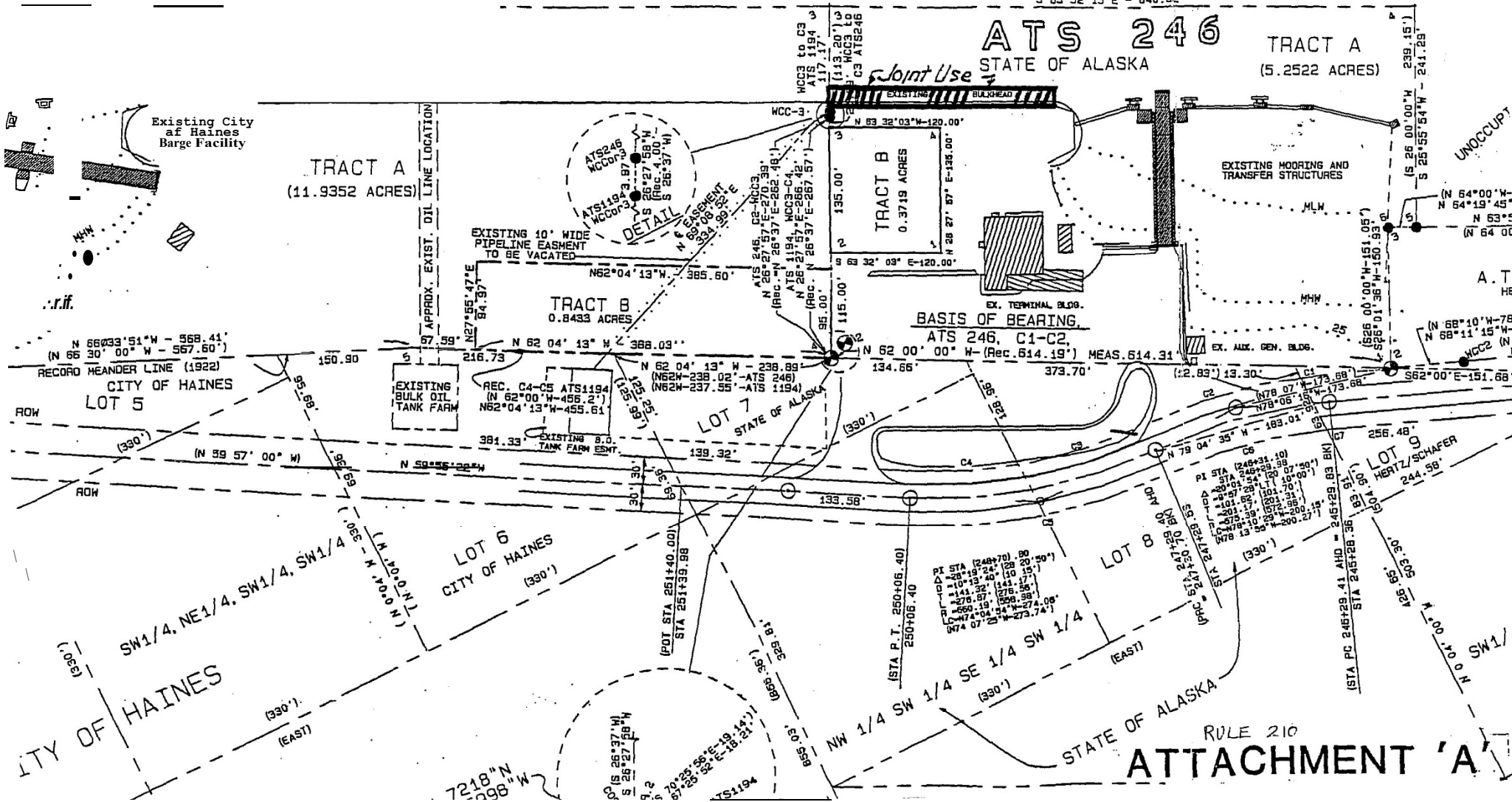
ATTACHMENT 9

STRIKE

# LUTAK INLET

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(S 63 23 00"E - 639.66')  
(S 63 52 15"E - 640.52')



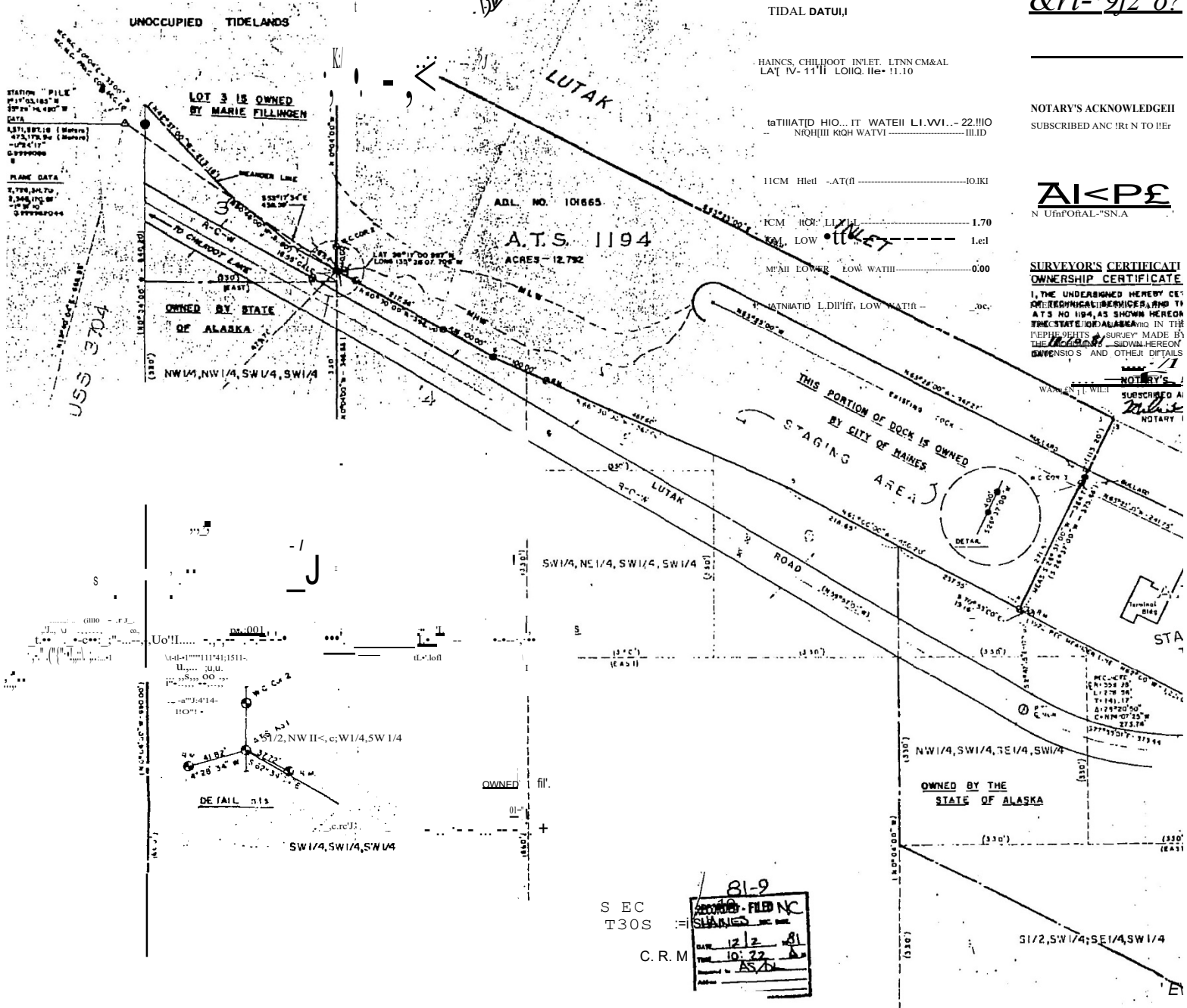


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**SURVEYOR'S CERTIFICATE**  
**OWNERSHIP CERTIFICATE**  
 I, THE UNDERSIGNED HEREBY CE  
 CERTIFICATE OF OWNERSHIP, AND TO  
 A.T.S. NO 1194, AS SHOWN HEREON  
 THE STATE OF ALASKA IN THE  
 PEOPLE'S RIGHTS SURVEY MADE BY  
 THE *McGraw-Hill* SURVEYOR  
 DAVENSO'S AND OTHER DETAILS

THIS PORTION OF DOCK IS OWNED  
 BY CITY OF HAINES  
 STAGING AREA

81-9  
**ALASKA - FILED IN**  
**STATES**  
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 TIME 10: 22 A  
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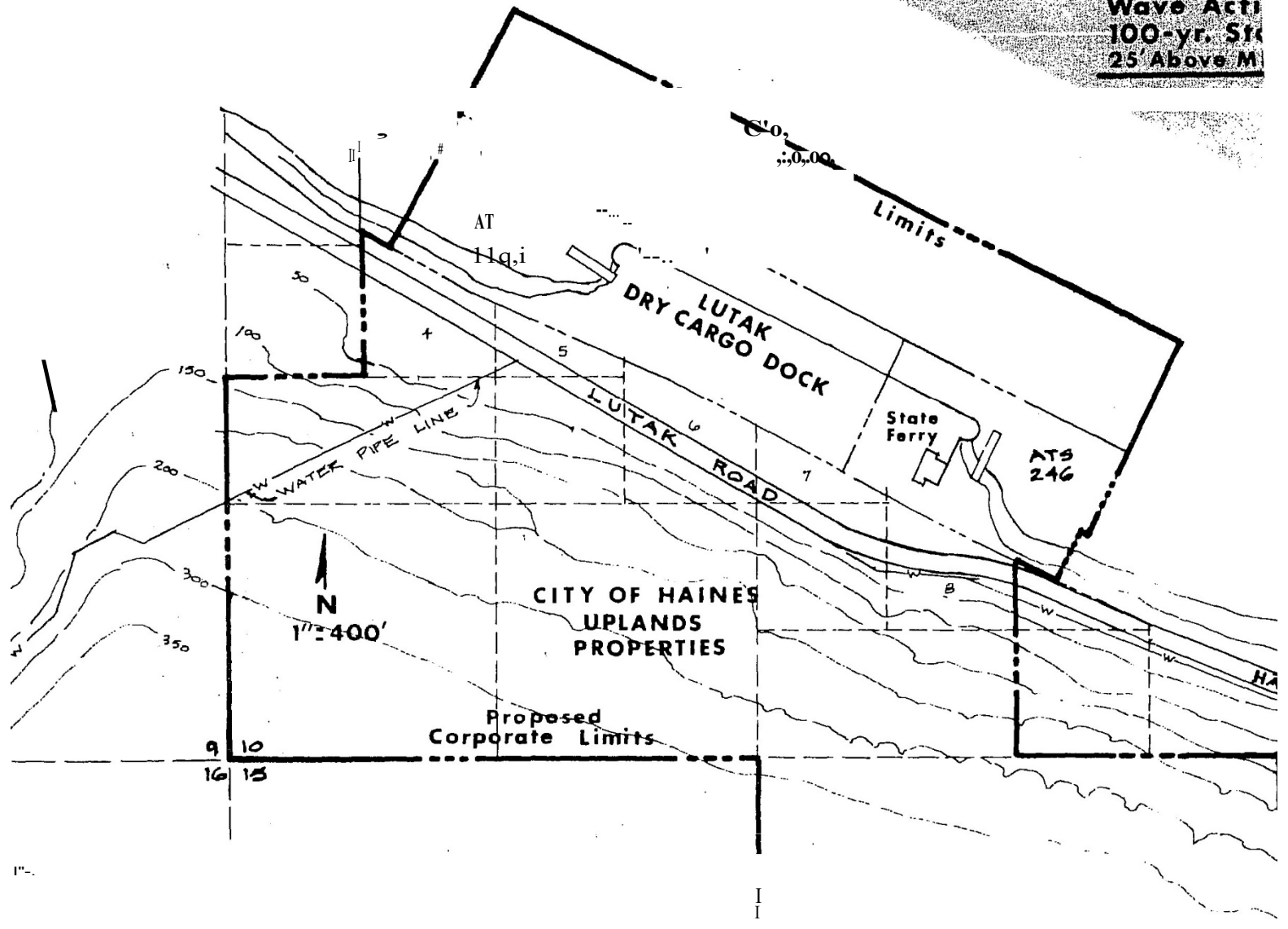
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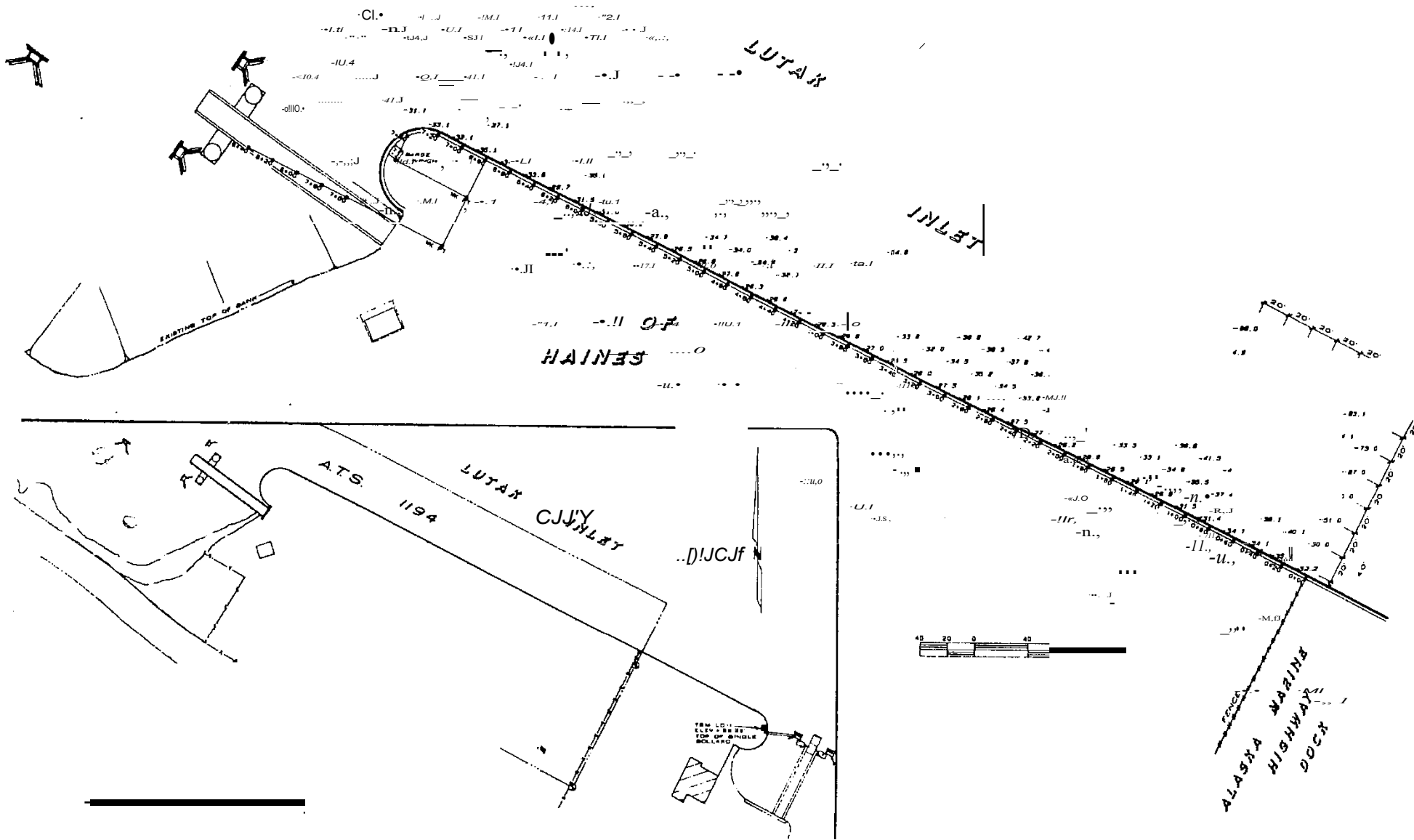
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**STRIKE**



CITY OF HAINCS

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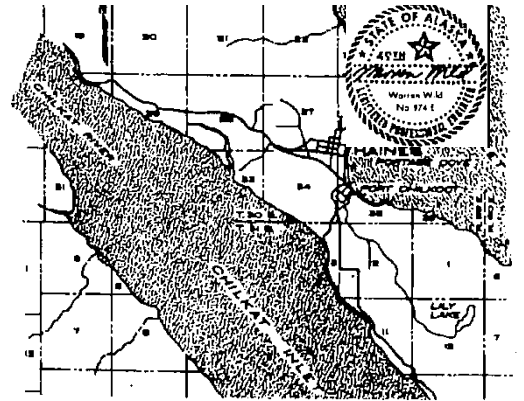
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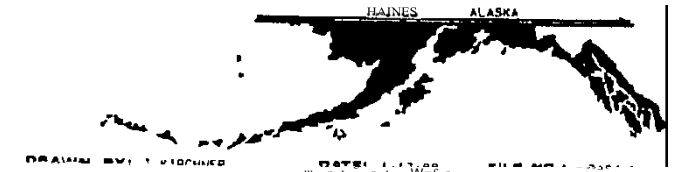
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I STATE FERRY  
CRIMINAL

FEB 3 1988  
CITY OF HAINES



VICINITY MAP  
1/4 MILE



**VERTICAL CONTROL:**  
The vertical control for this project is derived from the Alaska  
Metric Control for Marine Ferry Terminal (MFC) established  
in 1971, which is based on the 1971 datum. The MFC is  
based on the 1971 datum, during the construction of the  
terminal, and the 1971 datum is used for all other  
measurements. The 1971 datum is based on the  
mean sea level at the time of construction. The  
vertical control is based on the 1971 datum, and the  
vertical control is based on the 1971 datum.

**HORIZONTAL CONTROL:**  
The horizontal control for this project is derived from the  
Alaska Metric Control for Marine Ferry Terminal (MFC) established  
in 1971, which is based on the 1971 datum. The MFC is  
based on the 1971 datum, during the construction of the  
terminal, and the 1971 datum is used for all other  
measurements. The 1971 datum is based on the  
mean sea level at the time of construction. The  
horizontal control is based on the 1971 datum, and the  
horizontal control is based on the 1971 datum.

**CLIENT**  
CITY OF HAINES  
P.O. BOX 576  
HAINES ALASKA 99827  
(907) 766-2231

**SURVEYOR**  
ALASKA LAND SURVEYING CO  
2204 KA SEE AN  
JUNEAU ALASKA 99801  
(907) 789-0000



CITY OF HAINES  
SOUNDINGS ALONG  
LUTAK DOCK  
WITHIN SEC. 10 CAM



SCALE-1"=40'

..17 / 1100 J'



FEB 31988

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NS&CATWALK

PORT CHILKOOT DOCK

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REV.	DATE	DESCRIPTION
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CHKD.	APP.
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9360 Glacier Highway, Ste. 100 Juneau, Alaska 99801  
Phone: 907-586-2093  
Fax: 907-586-2099  
www.pndengineers.com

ENGINEERS, INC.



AGE COVE HARBOR  
BOAT LAUNCH IMPROVEMENTS

SHEET TITLE: VICINITY PLAN -  
PROPOSED HARBOR IMPROVEMENTS

1  
SHEET

1 of 1

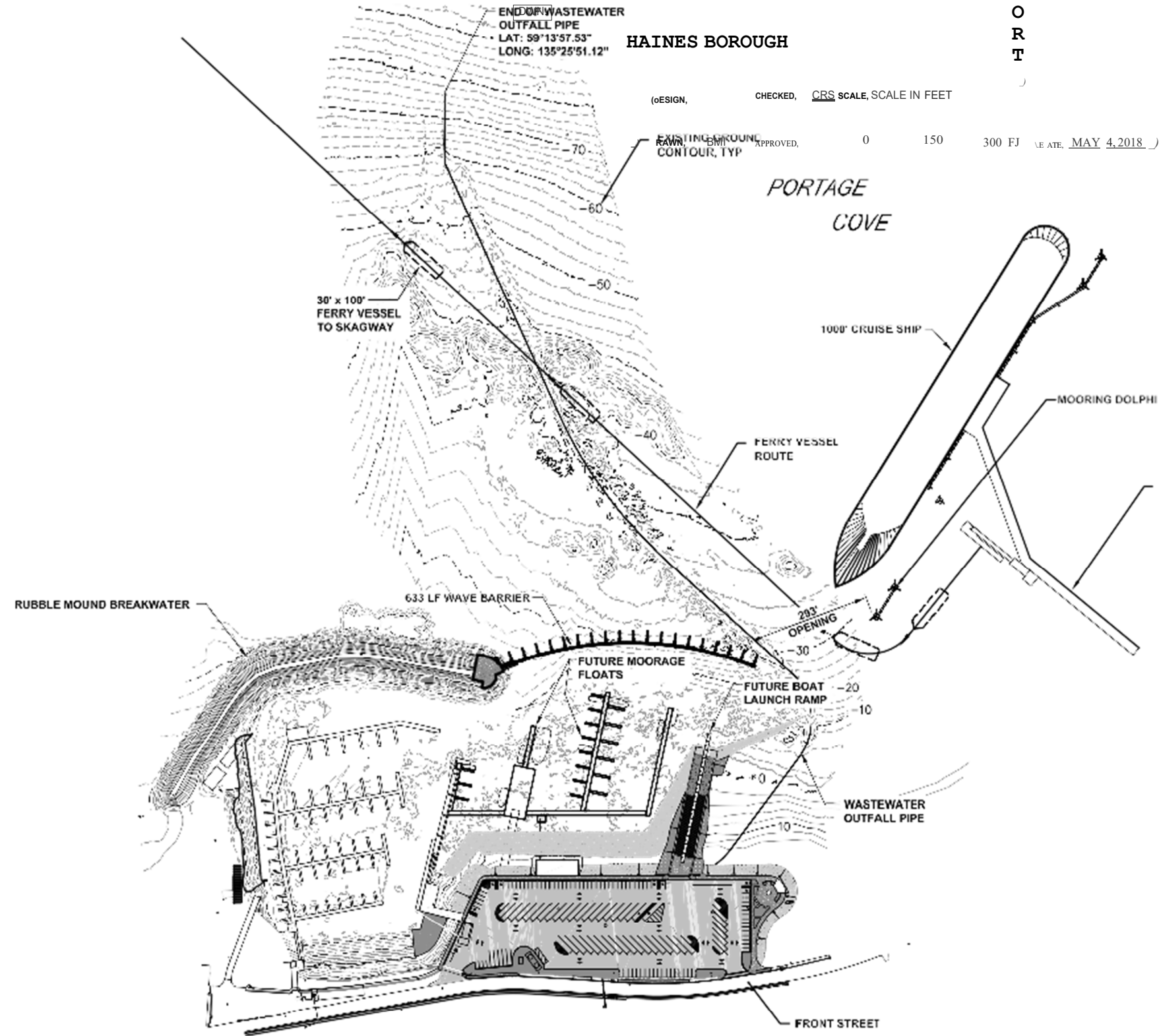
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END OF WASTEWATER  
OUTFALL PIPE  
LAT: 59°13'57.53"  
LONG: 135°25'51.12"

HAINES BOROUGH

DESIGN, CHECKED, CRS SCALE, SCALE IN FEET

APPROVED, 0 150 300 FEET DATE, MAY 4, 2018 PNDPROJECTNO., 172032




**P N D**