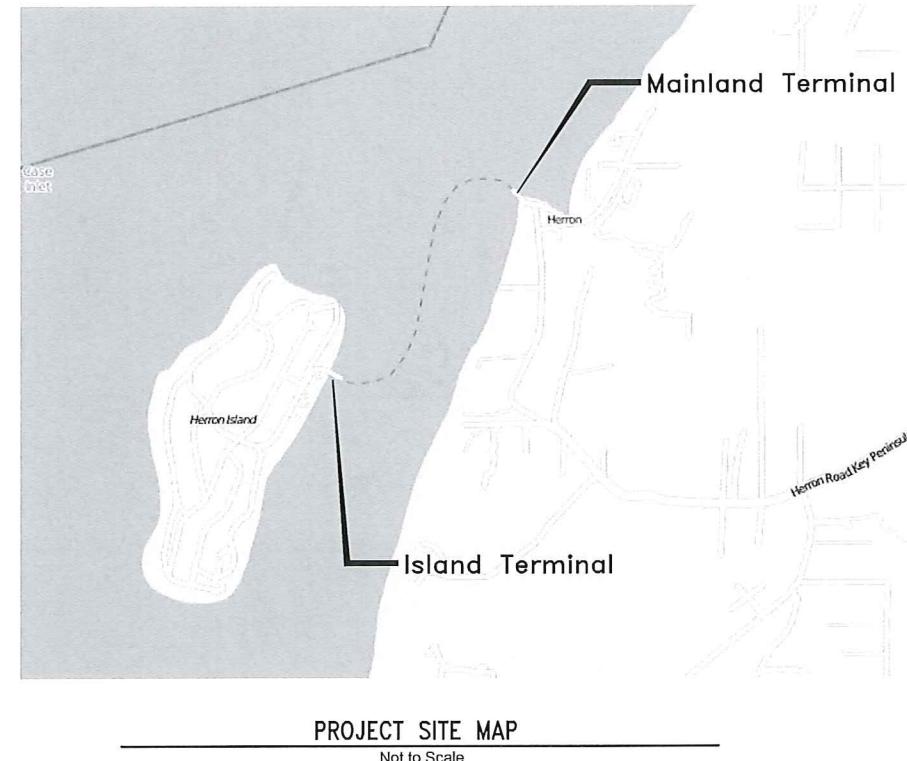
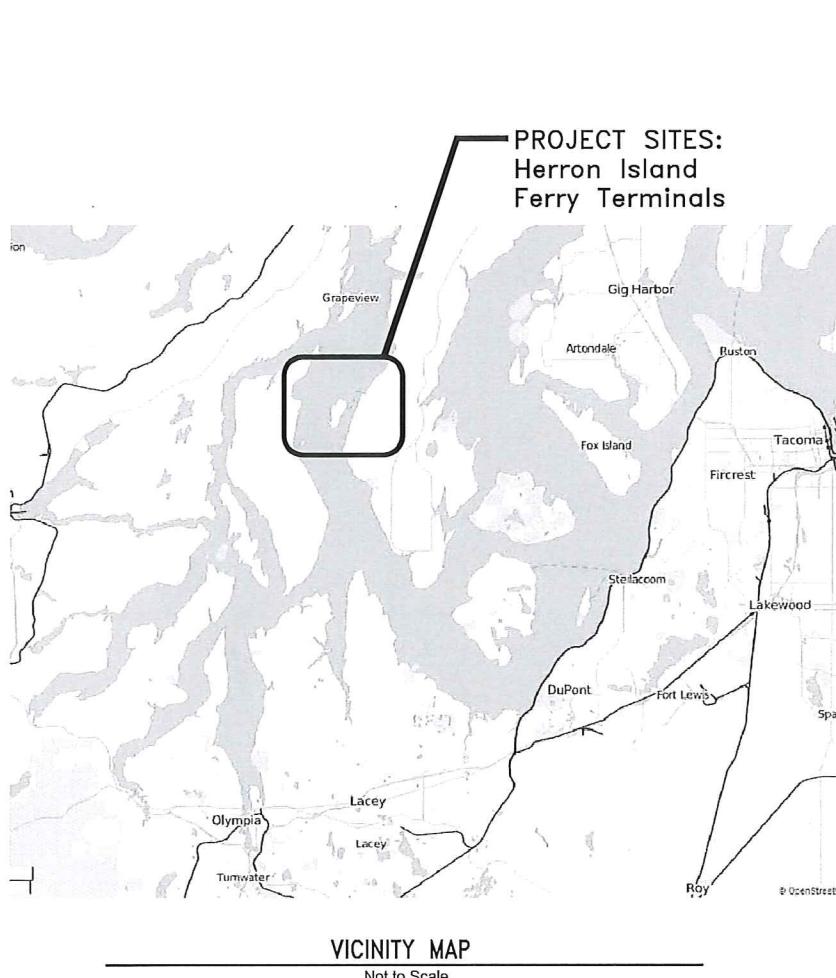


HERRON ISLAND FERRY TERMINALS

LIFT SPAN PAINTING PROJECT

for

Herron Maintenance Company



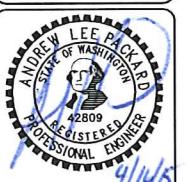
SHEET INDEX	
1	COVER
2	LIFT SPAN - PAINTING PLAN

LEGEND

- (B) — Identify Section, View, or Detail
- (5) — Taken from or shown on Sheet 5
- (B) — Dashed line indicates Section, View, or Detail is taken from and shown on the same sheet.

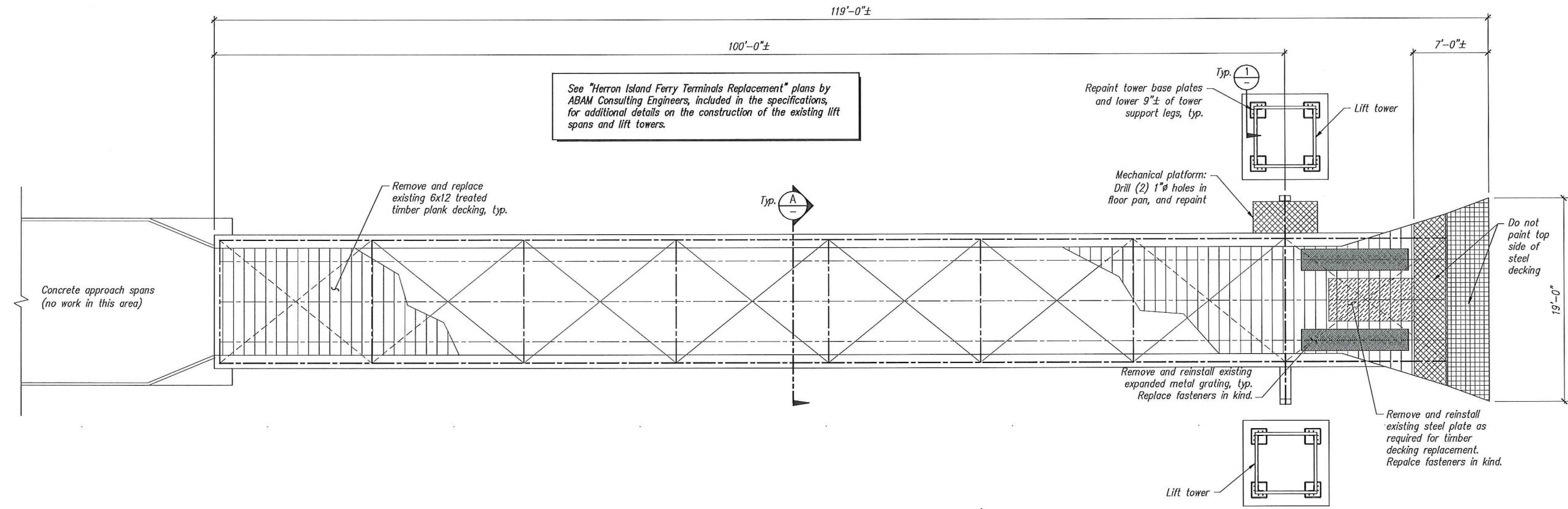
SARGENT

Sargent Engineers, Inc.
320 Ronelle Lane NW • Olympia, WA 98502
Tel. 360 867-9284 • Fax 360 867-9318



HERRON ISLAND FERRY TERMINAL
PAINTING & IMPROVEMENTS
Pierce County, Washington
COVER

Designed by: A.L. Packard
Checked by: E.C. Martin
Prj. Drafter: E.C. Martin
Drafter: .
Issue Date: .
Project Ref.: A14111.00
Client Ref.: .
SHEET NO. 1 OF 2 SHEETS

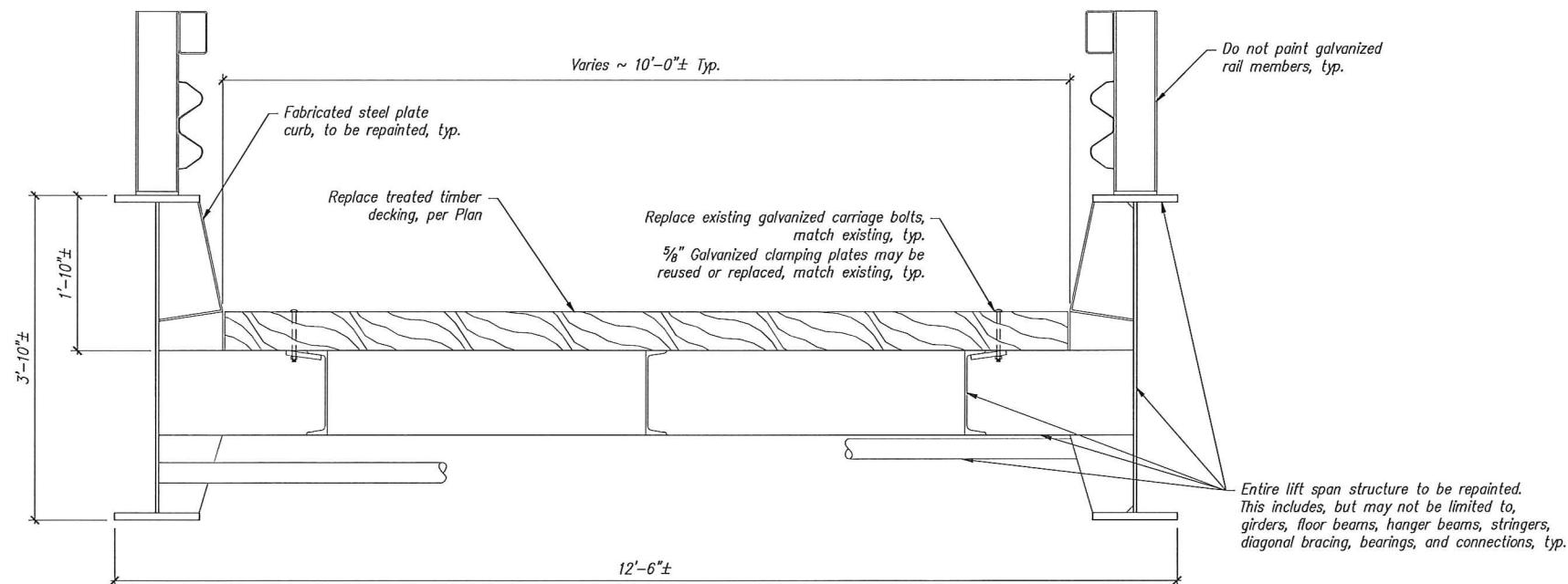


LIFT SPAN - PLAN VIEW

Scale: 3/16" = 1'-0"

Mainland Terminal

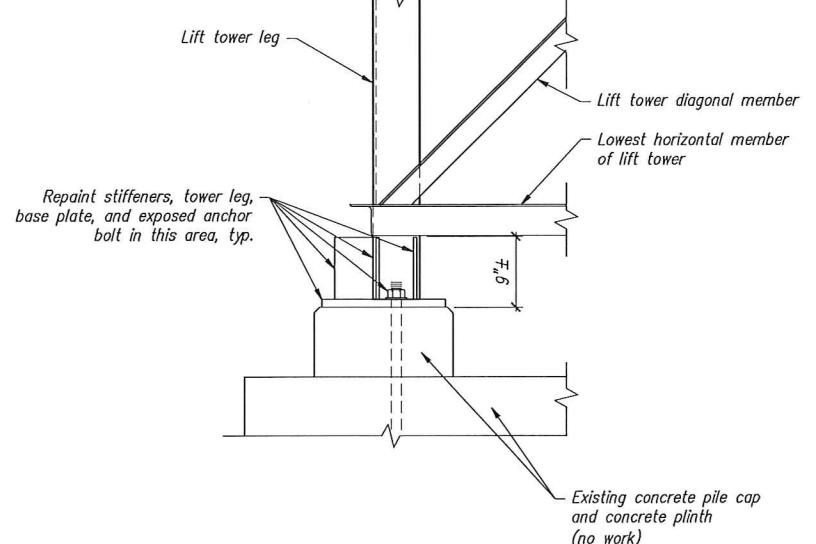
Island Terminal



TYPICAL LIFT SPAN SECTION

Scale: Not to Scale

A
-



TYPICAL TOWER BASE

Scale: Not to Scale

1
-

HERRON ISLAND FERRY TERMINAL
PAINTING & IMPROVEMENTS
Pierce County, Washington
LIFT SPAN - PAINTING PLAN

Designed by:	A.L. Packard
Checked by:	E.C. Martin
Prj. Drafter:	E.C. Martin
Drafter:	.
Issue Date:	.
Project Ref.:	A14111.00
Client Ref.:	.
Sheet No.	2
of	2
SHEETS	

SARGENT

Sargent Engineers, Inc.
320 Ronlee Lane NW • Olympia, WA 98502
Tel. 360 867-9284 • Fax 360 867-9318



HMC MANAGEMENT
CONTRACT DOCUMENTS

for the construction of

**HERRON ISLAND TERMINALS
LIFT SPAN PAINTING**

Project Number # A14111.00

Consisting of:
BIDDING REQUIREMENTS
CONTRACT FORMS
CONDITIONS OF THE CONTRACT
SPECIFICATIONS
DRAWINGS

April 15, 2015

Copy No. _____

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INVITATION TO BID

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

HMC MANAGEMENT CONTRACT DOCUMENTS

INVITATION TO BID

HMC MANAGEMENT – HERRON ISLAND TERMINALS LIFT SPAN PAINTING PROJECT

LAKEBAY, WASHINGTON

The improvement for which bids will be received is described below:

This contract provides for improvements of the lift spans at the Herron Island Ferry Terminals, by cleaning and painting the metal surfaces of the lift span and portions of the lift towers, and by removing and replacing the existing treated timber decking, and other work all in accordance with the attached Contract Plans, these Contract Provisions, and the WSDOT Standard Specifications for Road, Bridge, and Municipal Construction, 2014.

Complete sealed bids are to be received at the following locations prior to the time specified:

1. By email: andrewp@sargentengineers.com, until 10:00 AM on May 22, 2015.
2. By mail or in person: C/O Andrew Packard at Sargent Engineers, 320 Ronlee Lane NW, Olympia WA 98502, until 10:00 AM on May 22, 2015

HMC Management is a private entity; this will not be a competitive bid. Bids received will be publicly opened after 10:00 AM on May 22, 2015, a winning bidder will not be selected on the date of the bid opening. Bidders will be notified of the winning bidder by 5:00 PM on May 30, 2015.

The right is reserved to reject any and all bids and to waive informalities in the bidding.

A pre-proposal meeting and review of mainland and island-side facilities will be held from 9:30 AM to 11:30 AM on Wednesday, May 13, 2015. We will meet at the ferry parking area on the mainland side and walk onto the scheduled 10:00 a.m. ferry. The return will be via the regularly scheduled 12 Noon ferry from the island. (Note: There is no scheduled return to the mainland between 8:30AM and 12:00 Noon and there are no public services available on the island. The ferry schedule and island area maps are available at <http://www.herronisland.org>. All parties planning to attend must RSVP via hmcmanager@herronisland.org to the Island Manager at least 48 hours in advance of the departure of the 10:00 AM ferry to arrange for a ferry pass and transportation to the conference site. Please include: "Pre-Proposal Ferry Terminal Improvements RSVP" in the subject line and contact information in the email body. Please let us know if you need special accommodation.

Factors that will influence bidder selection are:

1. Relevant experience in performing similar work.
2. Ability to meet the project schedule – Contractors ability to show how they propose to complete the work within the project schedule. Schedule is a critical component of this project and as such HMC Management would like to see that the Contractor has a viable plan for meeting or decreasing the project schedule.
3. Alternate proposed project schedules that would benefit HMC Management. Working on weekend days is encouraged.
4. The contractors understanding of how the tides and ferry schedule may affect their production.
5. How the Contractor proposes to ensure pedestrian ferry service will continue during the project, per the pedestrian ferry schedule.
6. The contractors' attendance at the Pre-Proposal Meeting and Field Review of Facilities.

Complete sealed bids will include:

1. A proposal on how the contractor proposes to complete this work. The proposal should at a minimum discuss the previously mentioned, factors that will influence bidder selection.

2. The following completed forms provided in this bid package:

Contractor Prequalification Questionnaire and Affidavit.

Bidder Information Sheet

Bonding and Claims

Insurance

Proposal Bond

Proposal

Proposal Signature Page

Questions regarding this invitation to bid shall be sent via email to: andrewp@sargentengineers.com. The deadline for questions is 48 hours before bids are due.

Plans and specifications may be obtained electronically at Builders Exchange of Washington (<http://www.bxwa.com/>). Informational copies of maps, plans and specifications are on file for inspection at Sargent Engineers, Inc., in Olympia, Washington. **Free-of-charge access to project bid documents (plans, specifications, addenda, and Bidders List) is provided to Prime Bidders, Subcontractors, and Vendors by going to www.bxwa.com and clicking on "Posted Projects", and "HMC Management". This online plan room provides Bidders with fully usable online documents with the ability to: download, view, print, order full/partial plan sets from numerous reprographic sources, and a free online**

digitizer/take-off tool. It is recommended that Bidders "Register" in order to receive automatic e-mail notification of future addenda and to place themselves on the "Self-Registered Bidders List". Bidders that do not register will not be automatically notified of addenda and will need to periodically check the on-line plan room for addenda issued on this project. Contact Builders Exchange of Washington at [\(425\) 258-1303](tel:(425)258-1303) should you require assistance with access or registration.

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashier's check, or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. Should the successful bidder fail to enter into such contract and furnish satisfactory performance bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the HMC Management.

DATED this 16 Day of April, 2015
at Lakebay, Washington.

BOARD OF DIRECTORS

Gary Wanzong
Gary M Wanzong, President of the Board

Publish: Daily Journal of Commerce: Dates: 4/20/15 and 4/27/15
Builders Exchange of Washington: Dates: 4/17/15 thru 5/22/15

CONTRACTOR PREQUALIFICATION QUESTIONNAIRE AND AFFIDAVIT

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

Contractor Prequalification Questionnaire and Affidavit

HMC Management

Date	Submitted By	Business License No.
Address ((Street))		Telephone No.
City	State	Zip
Prequalification Requested For (Identify project by advertised name)		
What is the Value of Your Firm's Assets (Net Worth)? \$		
List Two Similar Projects Your Firm Has Completed in the Last 5 Years. Give Owner's Name and Telephone Number.		
1.		
Owner:	Telephone No.:	
2.		
Owner:	Telephone No.:	
Were the projects listed above completed on time? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Does your firm owe any monies on any projects which were completed within the last 5 years? (If Yes, provide a separate statement.) <input type="checkbox"/> Yes <input type="checkbox"/> No		
Have you or your firm been convicted of any criminal act involving a contractor or contracts? (If Yes, provide a separate statement.) <input type="checkbox"/> Yes <input type="checkbox"/> No		
Affidavit		
State of _____		County of _____
The undersigned, being duly sworn, deposes and says that the foregoing is a true statement of facts concerning the firm (or individual herein named). As of the date indicated: that the answers to the foregoing interrogatories are true; that this statement is for the express purpose of inducing the <u>HMC Management</u> to award the firm (or individual) a contract and that the depository, vendor, or other agency herein named is hereby authorized to supply <u>HMC Management</u> or its agents with any information necessary to verify this statement.		
Name of Firm (<i>Be Exact</i>): _____		
_____ Authorized Signature		_____ Authorized Signature
_____ Authorized Signature		_____ Authorized Signature
Sworn to before me this _____ day of _____, 20 _____		
_____ (Notary Public)		Corporate Seal(s)
Notary Seal		
Approved By _____ Region Administrator		Date _____

BIDDER INFORMATION SHEET

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

BIDDER INFORMATION SHEET

Project: HERRON ISLAND FERRY TERMINAL IMPROVEMENTS

Contractor registration, bonding and insurance information will be confirmed through Department of Labor and Industries at 1-800-647-0982 and 1-360-902-5230.

CONTRACTOR:

Name (Exactly as Registered) _____ Telephone Number _____

Address _____

City _____ State _____ Zip _____

Registration Number _____ Expiration Date _____ Federal Tax No. _____ UBI# _____

Sole Proprietorship _____ Partnership _____ Corporation/type _____

Joint Venture _____ LLC _____

Names of All Principals:

BONDING AND CLAIMS

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

BONDING AND CLAIMS:

Bonding Company Name (Exactly as Registered)

Address _____ City _____ State _____
Zip

Registration Bond No. _____ \$ _____ Amount _____ Expiration Date _____

Are there claims pending against your bond? _____

If yes, what are each claimant's name, reasons for the claim, and amount claimed and the date and place of filing?

Have there been tax liens or judgments against you filed by the Internal Revenue service, Department of Revenue, Employment Security Department or Department of Labor & Industries within the last three years resulting from non-payment of employee taxes? _____

If yes, what date and in which county did each filing occur?

Are there any lawsuits or unsatisfied judgments pending against you? _____

If yes, what date and in which county is each lawsuit pending or judgment entered?

INSURANCE

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

INSURANCE: per 1-07.18

	Company Name	Brokers Name	Broker Address	Policy Number	Coverage	Expiration Date
CGL						
Automobile						

REFERENCES

Provide references three comparable projects constructed by Bidder within previous five years.

Project Name	Agency	Contact & Phone Number	Year Completed	Bid Amount

The Bidder hereby certifies that it has adequate equipment to properly and timely complete the work contemplated for HMC MANAGEMENT.

Date: _____

Signature of Authorized Principal/Officer

Print Name and Title

PROPOSAL BOND

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

1001 W Yew Blvd.

Proposal Bond

KNOW ALL MEN BY THESE PRESENTS, That we,

of _____ as principal, and the _____

a corporation duly organized under the laws of the state of _____, and

authorized to do business in the State of Washington, as surety, are held and firmly bound unto HMC Management in the full and penal sum of five (5) percent of the total amount of the bid proposal of said principal for the work hereinafter described, for the payment of which, well and truly to be made, we bind our heirs, executors, administrators and assigns, and successors and assigns, firmly by these presents.

The condition of this bond is such, that whereas the principal herein is herewith submitting his or its sealed proposal for the following highway construction, to wit:

Improvements of the lifts spans at the Herron Island Ferry Terminals, by cleaning and painting the metal surfaces of the lift spans and portions of the lift towers, and by removing and replacing the existing timber decking.

said bid and proposal, by reference thereto, being made a part hereof.

NOW, THEREFORE, If the said proposal bid by said principal be accepted, and the contract be awarded to said principal, and if said principal shall duly make and enter into and execute said contract and shall furnish bond as required by the HMC Management within a period of twenty (20) days from and after said award, exclusive of the day of such award, then this obligation shall be null and void, otherwise it shall remain and be in full force and effect.

IN TESTIMONY WHEREOF, The principal and surety have caused these presents to be signed and sealed this _____ day of _____, _____.

(Principal)

(Surety)

(Attorney-in-fact)

PROPOSAL

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

P R O P O S A L

TO: HMC Management
Post Office Box 119
Lakebay, WA 98349

Honorable Chairman and Members:

This certifies that the undersigned has thoroughly examined the locations of the Herron Island Ferry Terminal improvements project, and that the plans, specifications, and contract governing the work embraced in this improvement, and that the method by which payment will be made for said work, is understood. The undersigned hereby proposes to undertake and complete the work embraced in this improvement, or as much thereof as can be completed with the money available, in accordance with said plans, specifications, and contract, and the following schedule or rates and prices:

NOTE: Show all extensions and total amount of bid. In case of errors in extensions and total, the unit bid prices shall govern.

BASE BID – Mainland Herron Island Terminal Lift Span Painting

PREPARATION

1.	LUMP SUM	Mobilization	1	LUMP SUM	= \$_____
2.	LUMP SUM	Removal Portions of Existing Structure	1	LUMP SUM	= \$_____

STRUCTURE

3.	7 MBM	Timber Decking	\$_____	PER MBM	= \$_____
4.	LUMP SUM	Cleaning and Painting	1	LUMP SUM	= \$_____
5.	LUMP SUM	Containment of Abrasives	1	LUMP SUM	= \$_____
6.	LUMP SUM	Testing and Disposal of Containment Waste	1	LUMP SUM	= \$_____

OTHER

7.	LUMP SUM	SPCC Plan	1	LUMP SUM	= \$_____
----	----------	-----------	---	----------	-----------

BASE BID TOTAL = \$_____

TOTAL NUMBER OF CONSECUTIVE CALENDAR DAYS TO COMPLETE BASE BID = DAYS _____

ALTERNATE A1 – Island Herron Island Terminal Lift Span Painting

PREPARATION

1.	LUMP SUM	Mobilization	1	LUMP SUM	= \$_____
2.	LUMP SUM	Removal Portions of Existing Structure	1	LUMP SUM	= \$_____

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

STRUCTURE			
3.	7 MBM	Timber Decking	\$ _____
4.	LUMP SUM	Cleaning and Painting	1 PER MBM =\$_____
5.	LUMP SUM	Containment of	1 LUMP SUM =\$_____
		Abrasives	
6.	LUMP SUM	Testing and Disposal of	1 LUMP SUM =\$_____
		Containment Waste	

OTHER			
7.	LUMP SUM	SPCC Plan	1 LUMP SUM =\$_____

ALTERNATE A1 TOTAL =\$_____

BASE BID AND ALTERNATE A1 TOTAL =\$_____

**TOTAL NUMBER OF CONSECUTIVE CALENDAR
DAYS TO COMPLETE BASE BID AND ALTERNATE =DAYS_____
A1**

PROPOSAL SIGNATURE PAGE

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

1001 W Yew Blvd.

The bidder is hereby advised that by signature of this proposal he/she is deemed to have acknowledged all requirements and signed all certificates contained herein.

A proposal guaranty in an amount of five percent (5%) of the total bid, based upon the approximate estimate of quantities at the above prices and in the form as indicated below is attached hereto:

- Cash In the Amount of _____
- Cashier's Check _____ Dollars
- Certified Check (\$ _____) Payable to HMC Management
- Proposal Bond In the Amount of 5% of the Bid

Receipt is hereby acknowledged of addendum(s) No.(s) _____, _____ & _____

Signature of Authorized Official(s)

Proposal Must be Signed

Firm Name

Address

State of Washington Contractor's License No. _____

Federal ID No. _____

Note:

- (1) This proposal form is not transferable and any alteration of the firm's name entered hereon without prior permission from the "HOE'O cpc go gpv" will be cause for considering the proposal irregular and subsequent rejection of the bid.
- (2) Please refer to section 1-02.6 of the standard specifications, re: "Preparation of Proposal," or "Article 4" of the Instruction to Bidders for building construction jobs.

CONTRACT

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

Contract

THIS AGREEMENT, made and entered into this _____ day of _____, .
Between HMC Management and _____.

hereinafter called the Contractor.

WITNESSETH:

That in consideration of the terms and conditions contained herein and attached and made a part of this agreement, the parties hereto covenant and agree as follows:

I. The Contractor shall do all work and furnish all tools, materials, and equipment for:

Improvement of the lift spans at the Herron Island Ferry Terminals, by cleaning and painting the metal surfaces of the lift span and portions of the lift towers, and by removing and replacing the existing timber decking.

in accordance with and as described in the attached plans and specifications, and the standard specifications of the HMC Management which are by this reference incorporated herein and made part hereof and, shall perform any changes in the work in accord with the Contract Documents.

The Contractor shall provide and bear the expense of all equipment, work and labor, of any sort whatsoever that may be required for the transfer of materials and for constructing and completing the work provided for in these Contract Documents except those items mentioned therein to be furnished by HMC Management.

II. HMC Management hereby promises and agrees with the Contractor to employ, and does employ the Contractor to provide the materials and to do and cause to be done the above described work and to complete and finish the same in accord with the attached plans and specifications and the terms and conditions herein contained and hereby contracts to pay for the same according to the attached specifications and the schedule of unit or itemized prices at the time and in the manner and upon the conditions provided for in this contract.

III. The Contractor for himself/herself, and for his/her heirs, executors, administrators, successors, and assigns, does hereby agree to full performance of all covenants required of the Contractor in the contract.

IV. It is further provided that no liability shall attach to HMC Management by reason of entering into this contract, except as provided herein.

IN WITNESS WHEREOF, the Contractor has executed this instrument, on the day and year first below written and HMC Management has caused this instrument to be executed by and in the name of HMC Management the day and year first above written.

Executed by the Contractor _____, _____.

(Contractor)

HMC Management: _____

Title: _____

By: _____

Date: _____, _____

PERFORMANCE BOND

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

Performance Bond

HMC Management

PERFORMANCE BOND

To HMC Management

Bond No. _____

HMC Management, has awarded to _____
(Principal), a contract for the construction of the project designated as _____, Project
No. _____, in [location], Washington (Contract), and said Principal is required to furnish a bond for performance of all
obligations under the Contract.

The Principal, and _____ (Surety), a corporation, organized under the laws of the State of _____
and licensed to do business in the State of Washington as surety and named in the current list of "Surety Companies Acceptable in
Federal Bonds" as published in the Federal Register by the Audit Staff Bureau of Accounts, U.S. Treasury Dept., are jointly and
severally held and firmly bound to the [City or County], in the sum of _____ US
Dollars (\$ _____) Total Contract Amount, subject to the provisions herein.

This statutory performance bond shall become null and void, if and when the Principal, its heirs, executors, administrators,
successors, or assigns shall well and faithfully perform all of the Principal's obligations under the Contract and fulfill all terms and
conditions of all duly authorized modifications, additions, and changes to said Contract that may hereafter be made, at the time and in
the manner therein specified; and if such performance obligations have not been fulfilled, this bond shall remain in force and effect.

The Surety for value received agrees that no change, extension of time, alteration or addition to the terms of the Contract, the
specifications accompanying the Contract, or to the work to be performed under the Contract shall in any way affect its obligation on
this bond, and waives notice of any change, extension of time, alteration or addition to the terms of the Contract or the work
performed. The Surety agrees that modifications and changes to the terms and conditions of the Contract that increase the total
amount to be paid the Principal shall automatically increase the obligation of the Surety on this bond and notice to Surety is not
required for such increased obligation.

This bond may be executed in two (2) original counterparts, and shall be signed by the parties' duly authorized officers. This bond will
only be accepted if it is accompanied by a fully executed and original power of attorney for the office executing on behalf of the surety.

PRINCIPAL

SURETY

Principal Signature _____ Date _____

Surety Signature _____ Date _____

Printed Name _____ Date _____

Printed Name _____ Date _____

Title _____

Title _____

Name, address, and telephone of local office/agent of Surety Company is:

Approved as to form:

HMC Management

Date

SPECIFICATIONS

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management

1 **DESCRIPTION OF WORK**

2
3 (March 13, 1995)

4 This Contract provides for the improvement of *** the lift spans at the Herron Island Ferry
5 Terminals, by cleaning and painting the metal surfaces of the lift span and portions of the lift
6 towers, and by removing and replacing the existing treated timber decking *** and other
7 work, all in accordance with the attached Contract Plans, these Contract Provisions, and the
8 WSDOT Standard Specifications for Road, Bridge, and Municipal Construction, 2014.

9
10 **Division 1 General Requirements**

11 The following sections of Division 1 of the Standard Specifications apply to this project:

12
13 **1-01 Definitions and Terms**

- 14 1-01.1 General
- 15 1-01.2 Abbreviations
 - 16 1-01.2(1) Associations and Miscellaneous
 - 17 1-01.2(2) Items of Work and Units of Measurement
- 18 1-01.3 Definitions

19 **1-02 Bid Procedures and Conditions**

- 20 1-02.3 Estimated Quantities
- 21 1-02.4 Examination of Plans, Specifications, and Site of Work
 - 22 1-02.4(1) General
 - 23 1-02.6 Preparation of Proposal - Except for paragraphs four, five, and six.
 - 24 1-02.10 Withdrawing, Revising, or Supplementing Proposal - Except for paragraphs two and four.
 - 25 1-02.12 Public Opening of Proposals
 - 26 1-02.15 Pre-Award Information

27 **1-03 Award and Execution of Contract**

- 28 1-03.1 Consideration of Bids
- 29 1-03.2 Award of Contract
- 30 1-03.3 Execution of Contract
- 31 1-03.4 Contract Bond
- 32 1-03.7 Judicial Review

33 **1-04 Scope of the Work**

- 34 1-04.1 Intent of the Contract
 - 35 1-04.1(1) Bid Items Included in the Proposal
 - 36 1-04.1(2) Bid Items Not Included in the Proposal
- 37 1-04.2 Coordination of Contract Documents, Plans, Special Provisions, Specifications, and Addenda
 - 38 1-04.4 Changes
 - 39 1-04.5 Procedure and Protest by the Contractor
 - 40 1-04.7 Differing Site Conditions (Changed Conditions)
 - 41 1-04.8 Progress Estimates and Payments
 - 42 1-04.11 Final Cleanup

43 **1-05 Control of Work**

- 44 1-05.1 Authority of the Engineer
- 45 1-05.2 Authority of Assistants and Inspectors
- 46 1-05.3 Plans and Working Drawings
- 47 1-05.6 Inspection of Work and Materials
- 48 1-05.7 Removal of Defective and Unauthorized Work

- 1 1-05.9 Equipment
- 2 1-05.10 Guarantees
- 3 1-05.11 Final Inspection
- 4 1-05.13 Superintendents, Labor, and Equipment of Contractor
 - 5 1-05.13(1) Emergency Contact List
- 6 1-05.15 Method of Serving Notices
- 7 **1-06 Control of Material**
 - 8 1-06.3 Manufacturer's Certificate of Compliance
 - 9 1-06.4 Handling and Storing Materials
- 10 **1-07 Legal Relations and Responsibilities to the Public**
 - 11 1-07.1 Laws to be Observed
 - 12 1-07.2 State Taxes
 - 13 1-07.2(2) State Sales Tax: Work on State-Owned or Private Land
 - 14 1-07.4 Sanitation
 - 15 1-07.4(1) General
 - 16 1-07.4(2) Health Hazards
 - 17 1-07.5 Environmental Regulations
 - 18 1-07.5(1) General
 - 19 1-07.5(2) State Department of Fish and Wildlife
 - 20 1-07.5(3) State Department of Ecology
 - 21 1-07.5(4) Air Quality
 - 22 1-07.6 Permits and Licenses
 - 23 1-07.10 Worker's Benefits
 - 24 1-07.13 Contractor's Responsibility for Work
 - 25 1-07.13(1) General
 - 26 1-07.15 Temporary Water Pollution/Erosion Control
 - 27 1-07.15(1) Spill Prevention, Control, and Countermeasures Plan
 - 28 1-07.16 Protection and Restoration of Property
 - 29 1-07.16(1) Private/Public Property
 - 30 1-07.16(2) Vegetation Protection and Restoration
 - 31 1-07.16(2)A Wetland and Sensitive Area Protection
 - 32 1-07.16(3) Fences, Mailboxes, Incidentals
 - 33 1-07.16(4) Archaeological and Historical Objects
 - 34 1-07.16(4)A Inadvertent Discovery of Human Skeletal Remains
 - 35 1-07.16(5) Payment
 - 36 1-07.17 Utilities and Similar Facilities
 - 37 1-07.18 Public Liability and Property Damage Insurance
 - 38 1-07.23 Public Convenience and Safety
 - 39 1-07.23(1) Construction Under Traffic
 - 40 1-07.23(2) Construction and Maintenance of Detours
 - 41 1-07.24 Rights of Way
 - 42 **1-08 Prosecution and Progress**
 - 43 1-08.2 Assignment
 - 44 1-08.5 Time for Completion
 - 45 1-08.6 Suspension of Work
 - 46 1-08.7 Maintenance During Suspension
 - 47 1-08.8 Extensions of Time
 - 48 1-08.10 Termination of Contract
 - 49 1-08.10(1) Termination for Default
 - 50 1-08.10(2) Termination for Public Convenience
 - 51 1-08.10(3) Termination for Public Convenience Payment Request
 - 52 1-08.10(4) Payment for Termination for Public Convenience

1 1-08.10(5) Responsibility of the Contractor and Surety

2 **1-09 Measurement and Payment**

- 3 1-09.1 Measurement of Quantities
4 1-09.3 Scope of Payment
5 1-09.4 Equitable Adjustment
6 1-09.5 Deleted or Terminated Work
7 1-09.6 Force Account
8 1-09.7 Mobilization
9 1-09.9 Payments

10 **1-01.3 Definitions**

11 (March 8, 2013 APWA GSP)

12 Delete the heading **Completion Dates** and the three paragraphs that follow it, and replace
13 them with the following:

14 **Dates**

15 **Bid Opening Date**

16 The date on which the Contracting Agency publicly opens and reads the Bids.

17 **Award Date**

18 The date of the formal decision of the Contracting Agency to accept the lowest
19 responsible and responsive Bidder for the Work.

20 **Contract Execution Date**

21 The date the Contracting Agency officially binds the Agency to the Contract.

22 **Notice to Proceed Date**

23 The date stated in the Notice to Proceed on which the Contract time begins.

24 **Substantial Completion Date**

25 The day the Engineer determines the Contracting Agency has full and unrestricted
26 use and benefit of the facilities, both from the operational and safety standpoint, any
27 remaining traffic disruptions will be rare and brief, and only minor incidental work,
28 replacement of temporary substitute facilities, plant establishment periods, or
29 correction or repair remains for the Physical Completion of the total Contract.

30 **Physical Completion Date**

31 The day all of the Work is physically completed on the project. All documentation
32 required by the Contract and required by law does not necessarily need to be
33 furnished by the Contractor by this date.

34 **Completion Date**

35 The day all the Work specified in the Contract is completed and all the obligations of
36 the Contractor under the contract are fulfilled by the Contractor. All documentation
37 required by the Contract and required by law must be furnished by the Contractor
38 before establishment of this date.

39 **Final Acceptance Date**

40 The date on which the Contracting Agency accepts the Work as complete.

41 Supplement this Section with the following:

42 All references in the Standard Specifications, Amendments, or WSDOT General Special
43 Provisions, to the terms "State", "Department of Transportation", "Washington State
44 Transportation Commission", "Commission", "Secretary of Transportation", "Secretary",
45 "Headquarters", and "State Treasurer" shall be revised to read "Contracting Agency".

- 1 All references to "State Materials Laboratory" shall be revised to read "Contracting
2 Agency designated location".
3
4 All references to "final contract voucher certification" shall be interpreted to mean the
5 final payment form established by the Contracting Agency.
6
7 The venue of all causes of action arising from the advertisement, award, execution, and
8 performance of the contract shall be in the Superior Court of the County where the
9 Contracting Agency's headquarters are located.
10
11 **Additive**
12 A supplemental unit of work or group of bid items, identified separately in the Bid
13 Proposal, which may, at the discretion of the Contracting Agency, be awarded in addition
14 to the base bid.
15
16 **Alternate**
17 One of two or more units of work or groups of bid items, identified separately in the Bid
18 Proposal, from which the Contracting Agency may make a choice between different
19 methods or material of construction for performing the same work.
20
21 **Business Day**
22 A business day is any day from Monday through Friday except holidays as listed in
23 Section 1-08.5.
24
25 **Contract Bond**
26 The definition in the Standard Specifications for "Contract Bond" applies to whatever
27 bond form(s) are required by the Contract Documents, which may be a combination of a
28 Payment Bond and a Performance Bond.
29
30 **Contract Documents**
31 See definition for "Contract".
32
33 **Contract Time**
34 The period of time established by the terms and conditions of the Contract within which
35 the Work must be physically completed.
36
37 **Notice of Award**
38 The written notice from the Contracting Agency to the successful Bidder signifying the
39 Contracting Agency's acceptance of the Bid Proposal.
40
41 **Notice to Proceed**
42 The written notice from the Contracting Agency or Engineer to the Contractor authorizing
43 and directing the Contractor to proceed with the Work and establishing the date on which
44 the Contract time begins.
45
46 **Traffic**
47 Both vehicular and non-vehicular traffic, such as pedestrians, bicyclists, wheelchairs, and
48 equestrian traffic.
49
50 **Bid Procedures and Conditions**

1 Section 1-02.6 is supplemented with the following:

2

3 **(August 7, 2006)**

4 **Cumulative Alternates Bidding**

5 This Bid Proposal requires the bidder to bid cumulative Alternates as part of the bid. As
6 such the bidder is required to submit a Base Bid and a bid for the cumulative Alternate
7 A1.

8

9 **Bid Proposal**

10 The bid proposal is composed of the following parts:

11 1. Base Bid

12 The base bid shall include constructing all items included in the proposal
13 except those items contained in the Alternate A1.

14 2. Alternate A1

15 a. Alternate A1

16 Based on constructing (** Island Side Herron Island Lift Span
17 Painting ***)

18 The bid items for Alternate A1 are as listed in the bid proposal.

19

20 **Bidding Procedures**

21 To be considered responsive the bidder shall submit a price on each and every item
22 of work included in the Base Bid and the Alternate.

23

24 **Award Procedures**

25 The successful bidder will be determined by HMC Management and may or may
26 not be the lowest responsible bidder. The successful bidder will be chosen based
27 on their qualifications, their ability to keep the proposed improvement work
28 schedule, their method for completing the improvements, and their responsible bid
29 amount. In the event Herron Maintenance Company determines more than one
30 bidder is capable of completing the improvement work to their satisfaction, then the
31 bidder with the lowest responsible bid will be the winning bidder. The lowest
32 responsible bid will be based on the following preferences:

33 1. Preference 1: Lowest total for Base Bid plus Alternate A1.

34 2. Preference 2: Lowest total for Base Bid.

35 In any case, the award will be subject to the requirements of Section 1-03.

36 Available Funds for the project to be announced at the time of the bid opening.

37

38 **Public Opening of Proposals**

39 Section 1-02.12 is supplemented with the following:

40

41 **(June 19, 2013)**

42 **Date of Opening Bids**

43 Complete sealed bids are to be received at the following locations prior to the time
44 specified:

- 1 1. By email: andrewp@sargentengineers.com, until 10:00 AM on May 22, 2015.
2
3 2. By mail or in person: C/O Andrew Packard at Sargent Engineers, 320 Ronlee
4 Lane NW, Olympia WA 98502, until 10:00 AM on May 22, 2015

5
6 HMC Management is a private entity; this will not be a competitive bid. Bids received
7 will be publicly opened after 10:00 AM on May 22, 2015, a winning bidder will not be
8 selected on the date of the bid opening. Bidders will be notified of the winning bidder
9 by 5:00 PM on May 30, 2015.

10
11 **Award and Execution of Contract**

12
13 **Consideration of Bids**

14 The second paragraph, first sentence of Section 1-03.1 is revised to read:

15
16 (HMC September 5, 2014)

17 The right is reserved by the Contracting Agency to waive informalities in the bidding,
18 accept a Proposal of the Bidder deemed by HMC Management to be best suited for the
19 project, reject any or all Bids, republish the call for Bids, revise or cancel the Work, or
20 require the Work to be done in another way if the best interest of the Contracting
21 Agency is served.

22
23 **Legal Relations and Responsibilities to the Public**

24
25 **Laws to be Observed**

26 Section 1-07.1 is supplemented with the following:

27
28 **(January 5, 2004)**

29 **Lead Health Protection Program**

30 Structural and non-structural materials located at the project site *** Heron Island
31 Terminals may *** contain lead-based products. The Contractor shall be fully
32 responsible for the safety and health of all on-site workers and compliant with
33 Washington Administrative Code (WAC 296-155-176). The Contractors Lead Health
34 Protection Program shall be sent to the Contracting Agency at least 2 weeks prior to the
35 Contractor beginning work involving exposure to lead contamination. The Contractor
36 shall communicate with the Project Engineer to ensure a coordinated effort for providing
37 and maintaining a safe worksite for both the Contracting Agency's and Contractor's
38 workers.

39
40 **Construction Requirements**

41 The Contractor shall be responsible for the containment measures required to provide
42 and maintain a safe and healthful jobsite for the duration of the project in accordance
43 with all applicable laws and this Special Provision.

44
45 **Payment**

46 All costs to comply with this Special Provision for the Lead Health Protection laws and
47 regulations are the responsibility of the Contractor and shall be included in related items
48 of work.

1
2 **Permits and Licenses**
3

4 Section 1-07.6 is supplemented with the following:
5

6 (September 20, 2010)
7

8 The Contracting Agency has obtained the below-listed permit(s) for this project. A copy
9 of the permit(s) is attached as Appendix B – Environmental Permits, for informational
10 purposes. All contacts with the permitting agency concerning the below-listed permit(s)
11 shall be through the Engineer. The Contractor shall obtain additional permits as
12 necessary. All costs to obtain and comply with additional permits shall be included in
13 the applicable bid items for the work involved. Copies of these permits are required to
14 be onsite at all times.
15

NAME OF DOCUMENT	PERMITTING AGENCY	PERMIT REFERENCE NO.
Hydraulic Project Approval	Department of Fish & Wildlife	2015-6-186+01
Shoreline Permit, Variance, or Exemption	Pierce County	796246

16
17
18 **United States Coast Guard**
19

20 (April 2, 2012)
21

22 The Contractor shall comply with all United States Coast Guard requirements.
23

24 The Contractor shall contact the Coast Guard at least 30 calendar days in advance of
25 all work in or near the navigable portion of the waterway and request that a Local Notice
26 to Mariners be issued for the waterway at this site.
27

28 The Contractor shall contact the Coast Guard for requirements related to the mooring of
29 barges, placement of log booms, and all other equipment that could be a hazard to
30 waterway users.
31

32 Provisions shall be made for the removal, on 2 hours notice, of all equipment that would
33 block or partially block, the navigable portion of the waterway.
34

35 The Coast Guard contact is:
36

37 Bridge Administrator
38 Thirteenth Coast Guard District
39 915 Second Avenue Suite 3510
40 Seattle, WA 98174-1067
41 Telephone: (206) 220-7282
42

43 All costs incurred in contacting the Coast Guard and in complying with all the
44 requirements specified herein shall be included in the contract prices for the items of
45 work involved.
46

1 All costs in connection with delays in the construction caused by the Contractor's failure
2 to contact the Coast Guard shall be at the Contractor's expense.
3

4 **Utilities and Similar Facilities**

5 Section 1-07.17 is supplemented with the following:
6

7 (April 2, 2007)
8

9 Locations and dimensions shown in the Plans for existing facilities are in accordance
10 with available information obtained without uncovering, measuring, or other verification.
11

12 The following addresses and telephone numbers of utility companies known or
13 suspected of having facilities within the project limits are supplied for the Contractor's
14 convenience:
15

16 *** Peninsula Light Company (253) 853-1388
17 CenturyLink (877) 417-3983
18 HMC Management (253) 884-9350 ***
19

20 **Public Liability and Property Damage Insurance**
21

22 (January 5, 2004)
23 Item number 1 in the first paragraph of Section 1-07.18 is deleted.
24

25 Item No. 2 of the first paragraph of Section 1-07.18 is revised to read:
26

27 (January 3, 2011)
28

29 2. Commercial General Liability (CGL) Insurance written under ISO Form CG0001 or
30 its equivalent with minimum limits of \$1,000,000 per occurrence and in the
31 aggregate for each one year policy period. Products and completed operations
32 coverage shall be provided for a period of three years following Substantial
33 Completion of the work.
34

35 **Public Convenience and Safety**
36

37 Section 1-07.23 is supplemented with the following:
38

39 ***** For the duration of this project, the ferry shall remain open and provide service
40 as follows:
41

- 42 1. Ferry service for vehicles shall be suspended for the duration of this project.
43 2. Ferry service for pedestrians shall remain open for the duration of this project,
44 and the ferry runs shall occur per the pedestrian ferry service schedule below,
45 and per item 4.
46
47
48
49
50
51
52

MON		TUE		WED		THUR		FRI		SAT		SUN	
IS.	ML.												
6:15	7:00	6:15	7:00	6:15	7:00	6:15	7:00	6:15	7:00				
7:30	8:00	7:30	8:00	7:30	8:00	7:30	8:00	7:30	8:00	7:30	8:00	7:30	8:00
8:30	9:00	8:30	9:00	8:30	9:00	8:30	9:00	8:30	9:00	8:30	9:00	8:30	9:00
4:30	5:00	4:30	5:00	4:30	5:00	4:30	5:00	4:30	5:00	4:30	5:00	4:30	5:00
5:30	6:00	5:30	6:00	5:30	6:00	5:30	6:00						
6:30	7:00	6:30	7:00	6:30	7:00	6:30	7:00	6:30	7:00	6:30	7:00	6:30	7:00
									7:30	8:00	7:30	8:00	7:30
									8:30	9:00			

1

2

3. A clear, open, and safe pedestrian walkway shall be maintained along the
concrete approach spans and the lift span for the duration of the project.

4

5

6

7

8

9

10

11

12

13

If the contractor chooses, a full suspension of ferry service for vehicles and pedestrians will be allowed to occur twice during the duration of this project. Two (2) separate five-consecutive-weekday suspensions will be allowed. The suspensions may not include weekend days. The contractor shall negotiate the suspension schedule with HMC Management. This negotiation must be completed within 30 days of contract award so that island residents may be notified in time to plan accordingly. During the suspensions the contractor will be responsible for transporting their personnel and equipment to and from the Island ferry terminal as needed. ****

14

15

Construction Under Traffic

16

17

Section 1-07.23(1) is supplemented with the following:

18

19

(March 13, 1995)

20

21

During the hours that cleaning and painting operations are actually in progress, traffic may be restricted as follows:

22

23

24

25

*** The lift span and adjacent concrete approach spans will be closed to all vehicle traffic. ***

26

27

Prosecution and Progress

28

29

Prosecution of Work

30

31

Section 1-08.4 is supplemented with the following:

32

33

(HMC April 09, 2015)

34

*** The contractor shall not begin any physical work prior to September 9, 2015. ***

35

36

Time for Completion

37

38

Section 1-08.5 is supplemented with the following:

39

40

(HMC September 5, 2014)

1 *** The Contractor shall start physical work on September 9, 2015. Physical work shall
2 be completed within 45 consecutive days. ***.

4 **Division 6**
5 **Structures**

6
7 **Timber Structures**

8
9 **Description**

10 (HMC May 1, 2015)

11 Section 6-04.1 is supplemented with the following:

12 This work shall consist of removing the existing treated timber plank deck and
13 replacing it with a new timber treated timber plank deck. All preservative treatment
14 shall be per Section 9-09.3 for aquatic environments.

15 **Construction Requirements**

16 ***Storing and Handling Material***

17 Section 6-04.3(1) is supplemented with the following:

18 (March 6, 2000)

19 The Contractor shall provide and maintain a water pump or pumps, and associated
20 equipment adequate for use in fire control, on the project at all times. This
21 requirement does not relieve the Contractor of responsibility as specified in Section
22 1-07.14.

23 (August 1, 2011)

24 After removing the existing timber deck and prior to installing the replacement
25 timber deck, the Contractor shall clean the top contact surfaces of the supporting
26 timber and steel stringers and floorbeams. After cleaning, the top contact surfaces
27 shall be prepared as follows:

28 **Steel Supporting Members**

29 The top flanges of the steel stringers and floor beams shall be uniformly
30 covered in a manner approved by the Engineer with a heavy coat of hot
31 asphalt binder conforming to AASHTO M 320.

32 **Timber Supporting Members**

33 The Contractor shall furnish and install asphalt roofing felt over the top contact
34 surface of all timber stringers, bridging, and blocking. The asphalt roofing felt
35 shall be attached to the timber with 7/8 inch long galvanized roofing nails
36 spaced at 2'-0" centers, unless otherwise shown in the Plans. The asphalt
37 roofing felt shall weigh at least 65 pounds per one-hundred square feet and
38 extend at least 2 inches on each side of the member being covered.

39 **Payment**

40 Section 6-04.5 is supplemented with the following:

1 (HMC, April 2, 2015)
2 All costs in connection with removing and disposing of the existing treated timber
3 decking shall be included in the Lump Sum cost for *** Removal Portions of Existing
4 Structure ***
5
6 (HMC, April 2, 2015)
7 All costs in connection with obtaining the treated timber decking and fasteners, and
8 installing the treated timber decking and fasteners shall be included in the costs for ***
9 TIMBER DECKING. ***
10
11 (March 6, 2000)
12 All costs in connection with providing and maintaining fire control equipment at the
13 construction and material storage site as specified shall be included in the cost for ***
14 TIMBER DECKING. ***
15
16 (March 6, 2000)
17 All costs in connection with cleaning and preparing the top contact surfaces of the
18 supporting timber and steel members as specified prior to redecking shall be included in
19 the lump sum cost for *** CLEANING AND PAINTING. ***.
20
21 **Painting**
22
23 **Description**
24
25 Section 6-07.1 is supplemented with the following:
26
27 (August 3, 2009)
28 This work shall consist of cleaning and painting all exposed metal surfaces of *** the lift
29 spans and portions of the lift towers at both ferry terminals ***, in accordance with
30 Section 6-07.3(10), except as otherwise noted below.
31
32 Portions of the structure(s) excluded from this work include:
33
34 *** Existing, galvanized steel rail posts and steel w-beam guardrail ***
35
36 **Construction Requirements**
37
38 **Submittals**
39
40 Section 6-07.3(2) is supplemented with the following:
41
42 (HMC September 5, 2014)
43 The Contractor shall submit a detailed schedule for the field application of coatings.
44
45 ***Quality Control and Quality Assurance for Field Application of Paint***
46
47 Section 6-07.3(3)B is supplemented with the following:
48
49 (HMC April 9, 2015)
50 Field personnel conducting quality control inspections must have NACE
51 coatings inspector certification.

1
2 ***Paint System Manufacturer's Technical Representative***
3
4

5 Section 6-07.3(4) is supplemented with the following:
6
7

8 **(HMC April 9, 2015)**
9
10 The paint system manufacturer's technical representative shall perform one
11 site visit during application of primer coatings, one site visit during application
12 of intermediate coatings, and one site visit during application of top coatings.
13 The Representative shall report any issues observed that could affect the
14 performance of the coating system to the Contractor and to the Engineer, the
15 same day they are observed.
16
17

18 ***Painting Existing Steel Structures***
19
20

21 Section 6-07.3(10) is supplemented with the following:
22
23

24 **(HMC September 5, 2014)**
25 **Permit Requirements**
26 If cleaning or painting results in any material dropping away from the structure, then
27 the provisions for containment shall be used, and the provisions of the following
28 permits contained in this Contract will apply:
29
30

31 *** HPA Permit # 2015-6-186+01 ***
32
33

34 **Containment**
35
36

37 Section 6-07.3(10)A is supplemented with the following:
38
39

40 (August 3, 2009)
41 The Contractor shall adequately protect all gears, machinery, mechanical
42 equipment, electrical equipment, navigation and clearance light lenses,
43 motors, sheaves and cables and all other equipment which might become
44 damaged by and during the cleaning and painting operations. Should the
45 Contractor's operation foul or otherwise contaminate the lubricated surfaces,
46 the Contractor shall, if directed by the Engineer, clean and relubricate the
47 surfaces at the Contractor's expense.
48
49

50 **Surface Preparation Prior to Overcoat Painting**
51
52

53 Section 6-07.3(10)D is supplemented with the following:
54
55

56 **(HMC April 8, 2015)**
57 Field preparation for structural steel surfaces shall be as follows:
58
59

- 60 1. Solvent cleaning (SSPC-SP 1)
61 Surface to receive coatings shall be cleaned to meet the requirements of
62 SSPC-SP 1. Oil, grease, dirt, soil, salts and contaminants shall be
63
64

1 removed by cleaning with solvent, vapor, alkali, emulsion or steam. All
2 surfaces shall be free of chloride and other contamination prior to
3 application of coating.

4

5 2. Power tool cleaning (SSPC-SP 3)

6 After SP 1 cleaning has been completed, the Contractor shall complete a
7 power tool cleaning of all surfaces to receive coatings. SP 3 is defined as
8 the removal of corrosion, defects, loose rust, loose mill scale, and loose
9 coatings by power sanders, abrasive grinding wheels, etc. Cleaning shall
10 be measured according to SSPC-VIS 3. All freshly prepared steel
11 surfaces shall be protected from flash rusting prior to application of repair
12 coatings.

13

14 3. Commercial grade power tool cleaning (SSPC-SP 15)

15 After SP 3 cleaning has been completed, in those areas where corrosion
16 remains, the contractor shall complete a commercial grade power tool
17 cleaning in accordance to SSPC-SP 15. This consists of removing all
18 visible oil, grease, dirt, mill scale, rust, paint, oxide, corrosion products,
19 and other foreign material. All freshly prepared steel surfaces shall be
20 protected from flash rusting prior to application of repair coatings.
21 Cleaning shall retain or produce a 1.0 mil surface profile.

22

Paint System

23 Section 6-07.3(10)H is supplemented with the following:

24

25 **(HMC September 5, 2014)**

26 **Painting Existing Steel**

27 Paint materials shall be one of the following systems:

28 CarboLine Company:

29 Carboguard 635

30 Carboguard 690

31 Carbomastic 615

32 Sherwin-Williams Company:

33 SW Corothane I Mio Aluminum B65S14

34 SW Corothane I HS

35 Dura-Plate 235

36 Envirolastic AR425

37 Tnemec Company:

38 Series 1 Omnithane

39 Series N69 Hi-Build Epoxoline II

40 Wasser High Tech Coatings:

41 MC-Miozinc 100

42 MC-Miomastic 100

43 MC-Ferrox A 100

44 The field-coating system selected shall be compatible with the existing paint system.

45

46

47

48

49

50

51

52

1 **Paint Color**

2
3 Section 6-07.3(10)I is supplemented with the following:

4
5 (August 3, 2009)
6 The color of the top coat, when dry, shall match *** the existing paint ***.

7
8 **Coating Thickness**

9
10 Section 6-07.3(10)K is supplemented with the following:

11
12 **(HMC September 5, 2014)**
13 **Painting Existing Steel**
14 Field coatings shall be applied to the following thicknesses for the selected
15 coating system:

16
17 Carboline Company:
18 Two coats - Carboguard 635 (8-10 mils DFT each)
19 OR
20 Two coats - Carboguard 690 (8-10 mils DFT each)
21 OR
22 Two coats - Carbomastic 615 (8-10 mils DFT each)

23
24 Sherwin-Williams Company:
25 Two coats - Dura-Plate 235 (6-8 mils DFT each)
26 OR
27 Two coats - Envirolastic AR425 (6-8 mils DFT each)
28 OR
29 Prime coat - SW Corothane I Mio Aluminum B65S14 (2.0-3.0 mils DFT)
30 Intermediate coat - SW Corothane I HS (2.0-3.0 mils DFT)
31 Top coat - SW Corothane I HS (2.0-3.0 mils DFT)

32
33 Tnemec Company:
34 Prime coat - Series 90-97 Tneme-Zinc (3-4 mils DFT)
35 Top coat - Series N69 Hi-Build Epoxoline II (6-8 mils DFT)
36 OR
37 Prime coat - Series 1 Omnithane (2.5-3.5 mils DFT)
38 Top coat - Series 446 Permaskield MCU (7-10 mils DFT)

39
40 Wasser High Tech Coatings:
41 Prime coat - MC-Miozinc 100 (3-5 mils DFT)
42 Intermediate coat - MC-Miomastic 100 (3-5 mils DFT)
43 Top coat - MC-Ferrox A 100 (2-4 mils DFT)

44
45 **Applying Field Coatings**

46
47 Section 6-07.3(10)O is supplemented with the following:

48
49 **(HMC September 5, 2014)**
50 **Painting Existing Steel**
51 Field application for overcoat systems is supplemented by the following:

- 1 1. In areas where pack rust exists a penetrating sealer shall be applied prior
2 to the prime coat.
3 2. A primer stripe coat shall be applied where coating receives the spot prime
4 coat.
5 3. Two coats of the specified top coat may be applied in lieu of the
6 intermediate coat / top coat system. In either case, the prime coat shall be
7 applied to all surfaces where metal is exposed.

8
9 If the application of the coating at the required thickness in one coat produces
10 runs, bubbles, or sags, the coating shall be applied in multiple passes of the
11 spray gun. The passes shall be separated by several minutes. Where
12 excessive coating thickness produces "mud-cracking", such coating shall be
13 scraped back to soundly bonded coating and the area shall be recoated to the
14 required thickness.

15
16 **Payment**

17 Section 6-07.5 , the eleventh paragraph is replaced with the following:
18

19 (HMC, April 3, 2015)

20 Payment will be made in accordance with Section 1-04.1 for the following:

21 "Testing and Disposal of Containment Waste", lump sum.

22
23 **Appendices**
24 **(January 2, 2012)**

25 The following appendix is attached and made a part of this contract:
26

27 ***

28 APPENDIX A:

29 Herron Island Ferry Terminals Replacement by ABAM Consulting Engineers,
30 including Page T-1, C-1 through C-3, S-1 through S-10, S-12, M&E-1, and E-2
31 through E-4

32 APPENDIX B:

33 Permits:
34 Washington State Department of Fish and Wildlife's Hydraulic Project Approval
35 (HPA) 2015-6-186+01

36 Pierce County Exemption from Shoreline management Act Substantial
37 Development Permit Requirement (796246)

38 ***

39

40

41

42

43

44

45

Appendix A – Existing Structure Plans

- Herron Island Ferry Terminals Replacement by ABAM Consulting Engineers.

HERRON ISLAND FERRY TERMINALS REPLACEMENT

OWNER

HERRON MAINTENANCE COMPANY
PO BOX 1119
LAKE BAY, WA. 98349

PRIME CONSULTANT

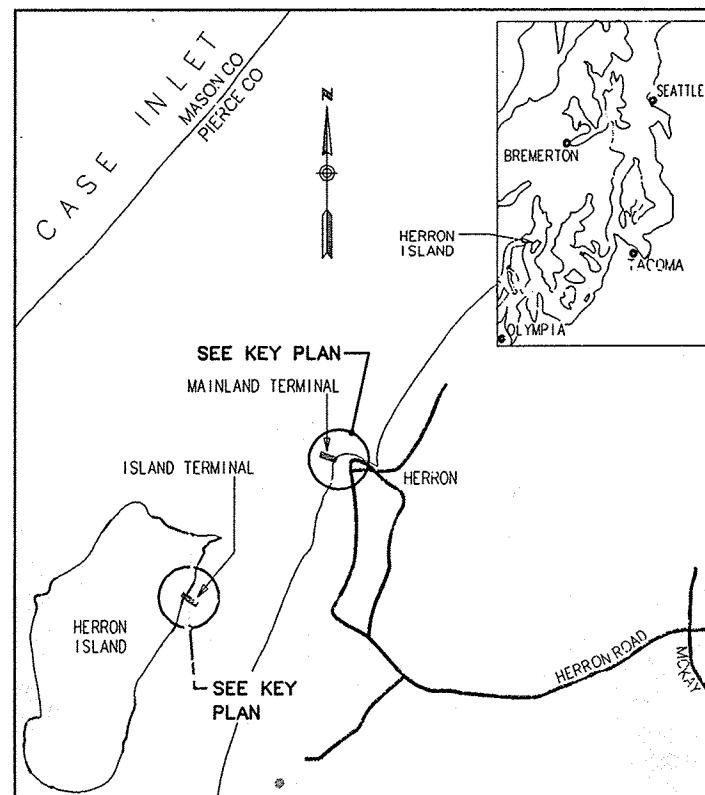
ABAM ENGINEERS
3330 19TH AVENUE SOUTH
FEDERAL WAY, WA. 98003

GEOTECHNICAL ENGINEERS

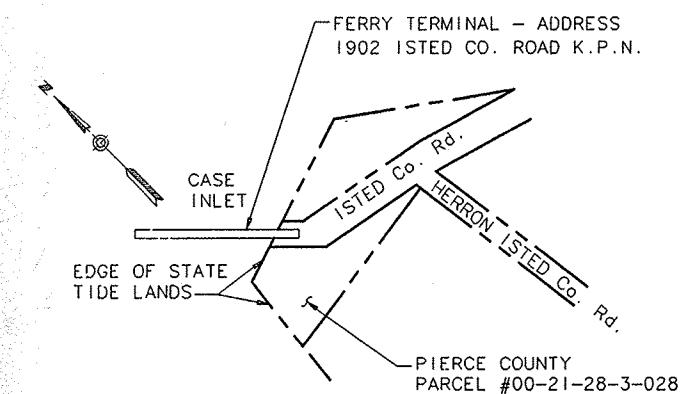
GEOENGINEERS INC
6240 TACOMA MALL BLVD SUITE 318
TACOMA, WA (206)471-0379

MECH. & ELECT. ENGINEERS

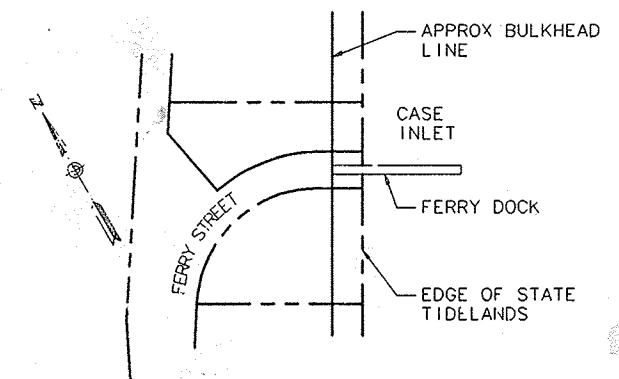
CROSS ENGINEERS
260 S. 5th STREET
TACOMA WA (206) 383-2544



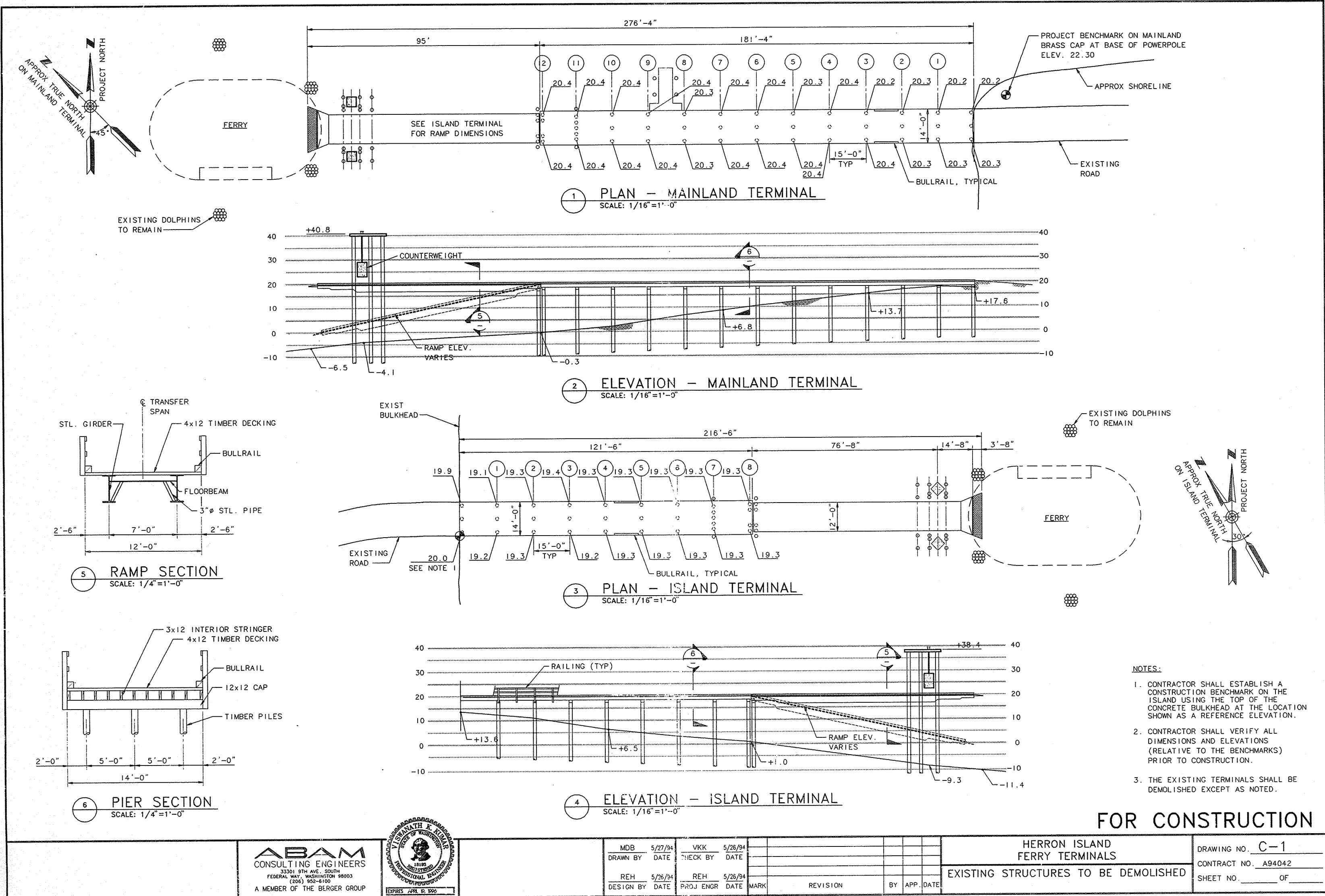
VICINITY MAP

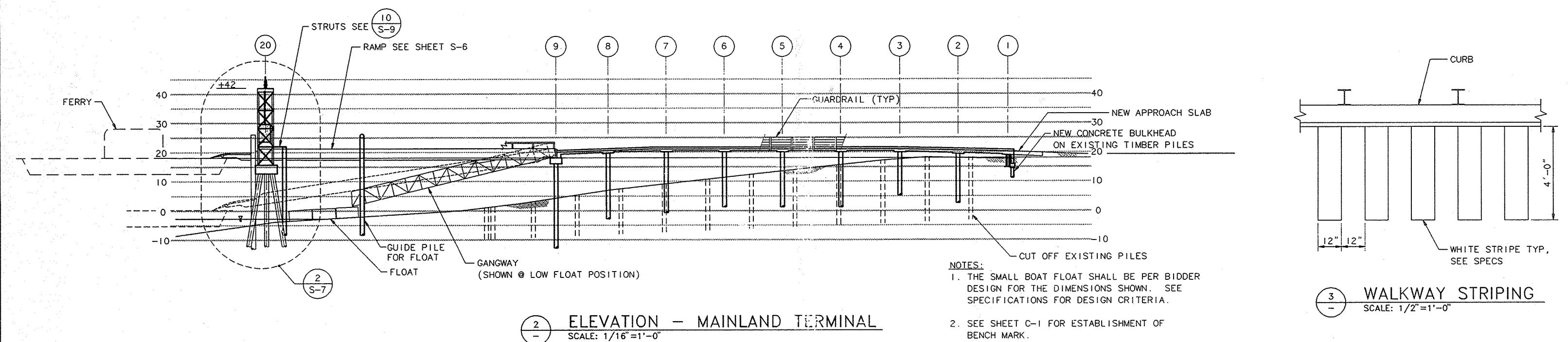
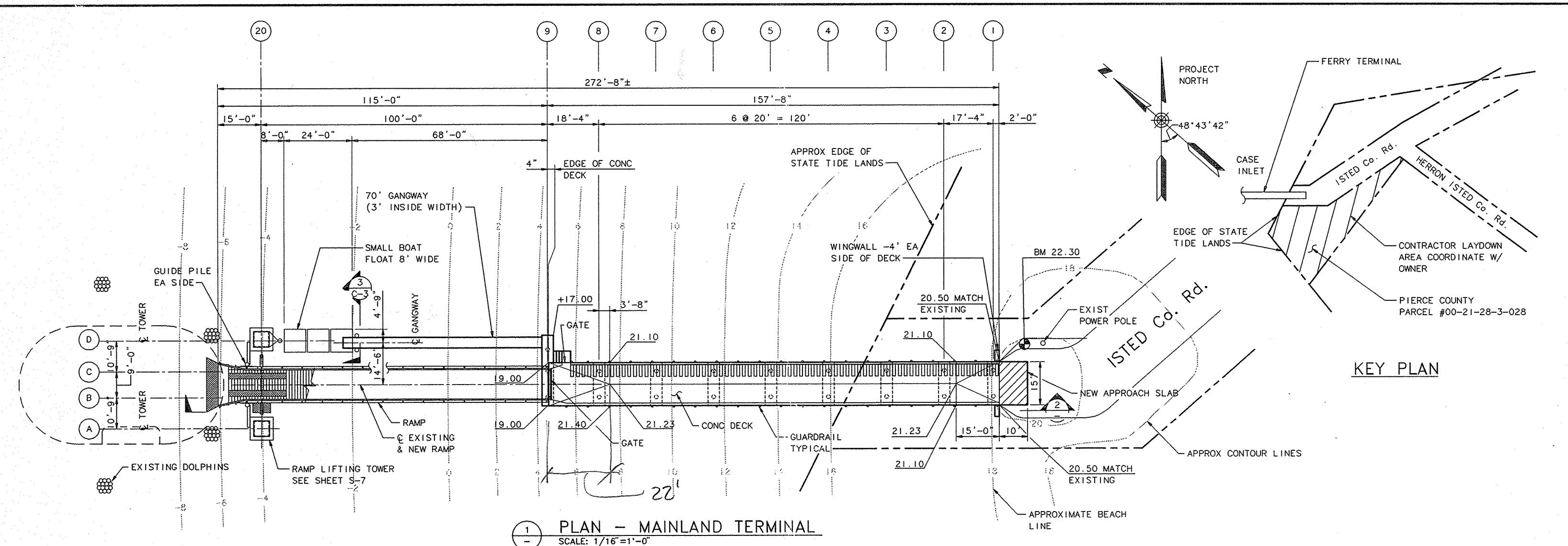


LEY PLAN MAINLAND



KEY PLAN ISLAND



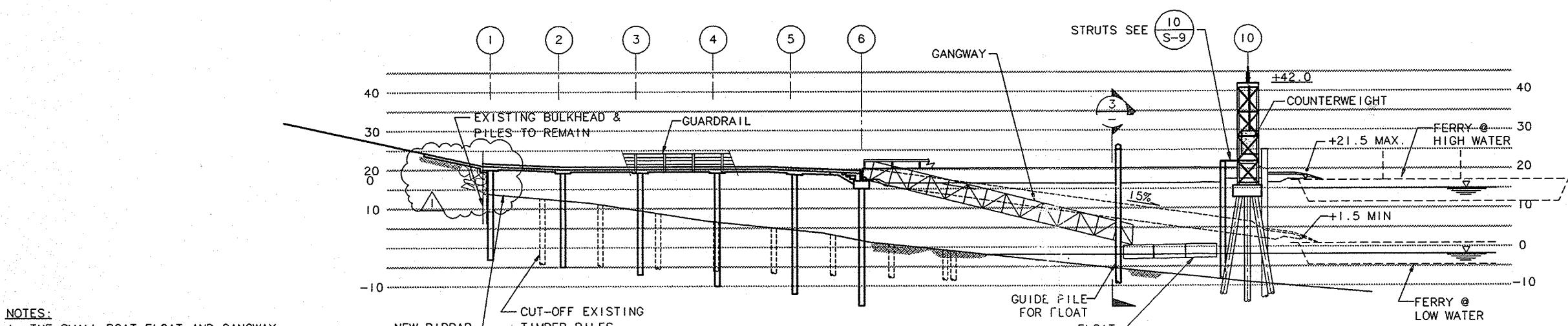
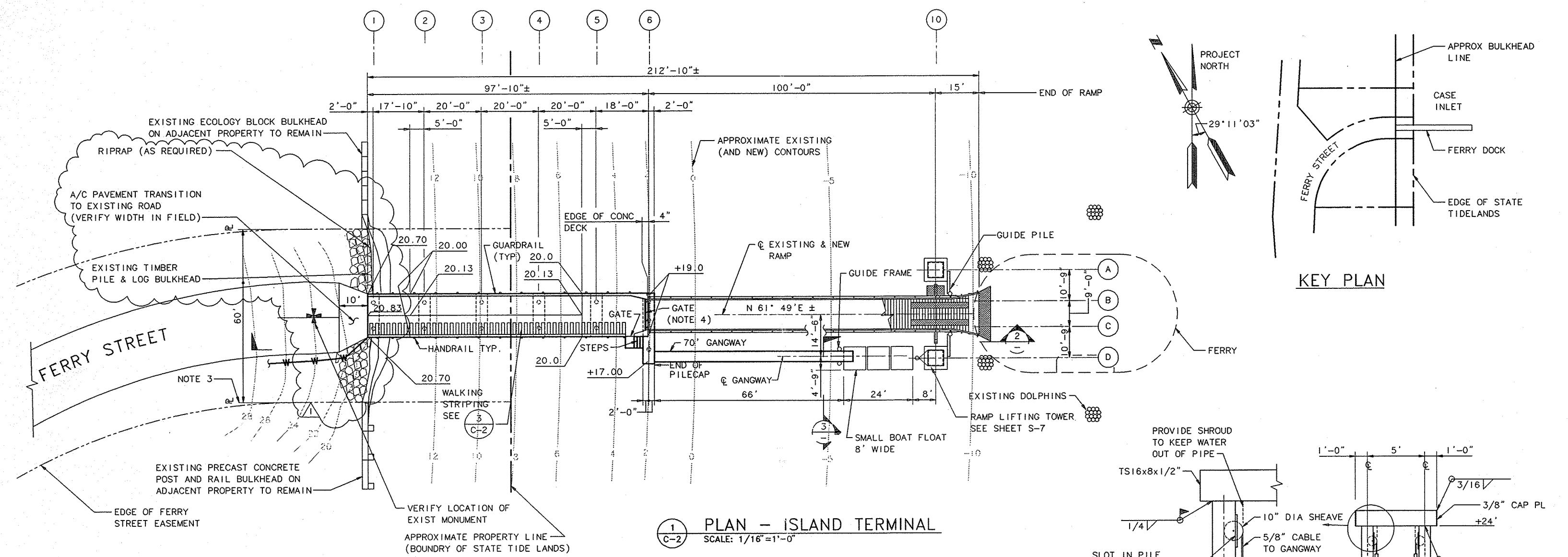


WALKWAY STRIPING

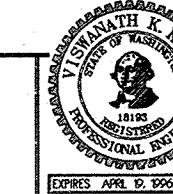
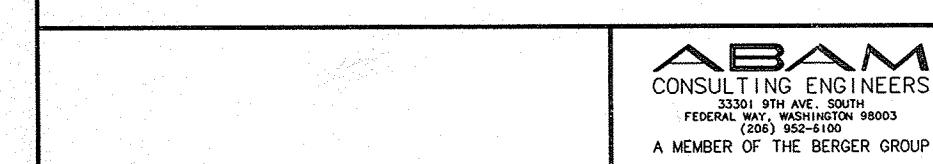
SCALE: 1/2"=1'-0"

FOR CONSTRUCTION

ABAM CONSULTING ENGINEERS 33301 9TH AVE. SOUTH FEDERAL WAY, WASHINGTON 98003 (206) 952-6100 A MEMBER OF THE BERGER GROUP	SHANATH K. KUMAR PROFESSIONAL ENGINEER REGISTRATION NO. 18102 EXPIRES APRIL 1996	MDB 5/27/94 DRAWN BY DATE	VKK 5/26/94 CHECK BY DATE	REH 5/26/94 DESIGN BY DATE	REH 5/26/94 PROJ ENGR DATE	MARK	REVISION	BY APP. DATE	HERRON ISLAND FERRY TERMINALS MAINLAND TERMINAL SITE PLAN & ELEVATION	DRAWING NO. C-2 CONTRACT NO. A94042 SHEET NO. _____ OF _____
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- NOTES:
1. THE SMALL BOAT FLOAT AND GANGWAY (ADDITIVE BID) SHALL BE BIDDER DESIGN OF THE DIMENSIONS SHOWN. SEE SPECIFICATIONS.
 2. SEE SHEET C-1 FOR ESTABLISHMENT OF BENCH MARK.
 3. CONTRACTOR SHALL LOCATE PROPERTY LINES IN FIELD.
 4. PROVIDE A COUNTERWEIGHT SYSTEM TO SUPPORT 95% OF DEAD LOAD REACTION OF GANGWAY AT GUIDEFRAME. SUBMIT BIDDER DESIGN AS PART OF GANGWAY SYSTEM PER NOTE 1.



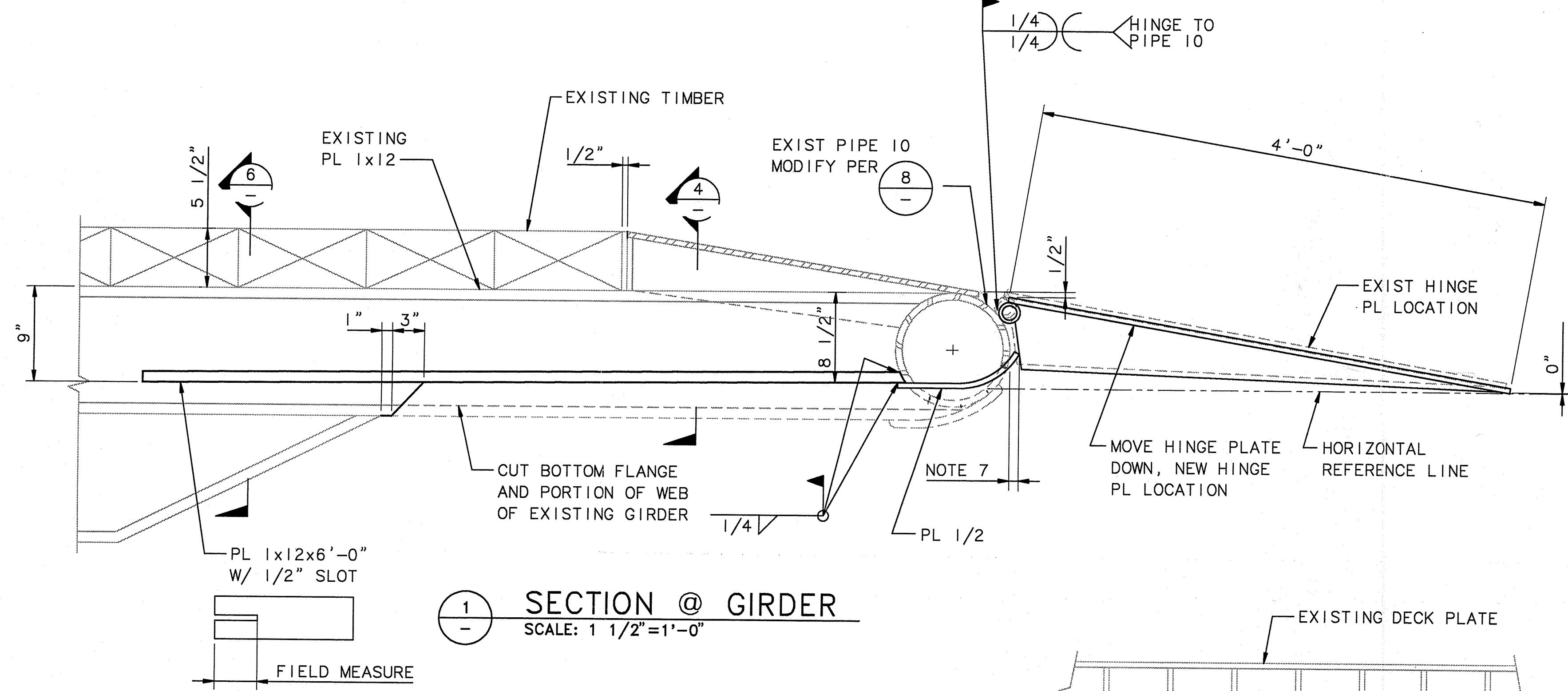
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DRAWN BY	DATE	CHECK BY	DATE	REH	5/26/94	REH	5/26/94
REH	5/26/94	PROJ ENGR	DATE	MARK	REVISION	BY	APP. DATE

HERRON ISLAND FERRY TERMINALS	DRAWING NO. C-3
ISLAND TERMINAL SITE PLAN & ELEVATION	CONTRACT NO. A94042
	SHEET NO. _____ OF _____

ELEVATION GUIDE FRAME

SCALE: 1/4" = 1'-0"

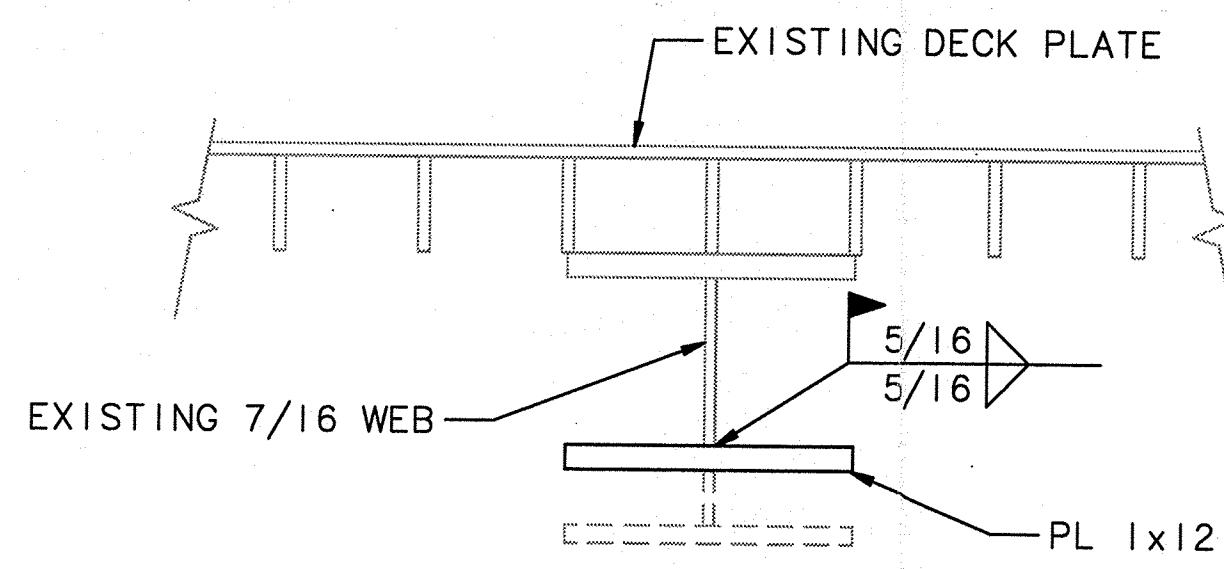
FOR CONSTRUCTION



SECTION @ GIRDER

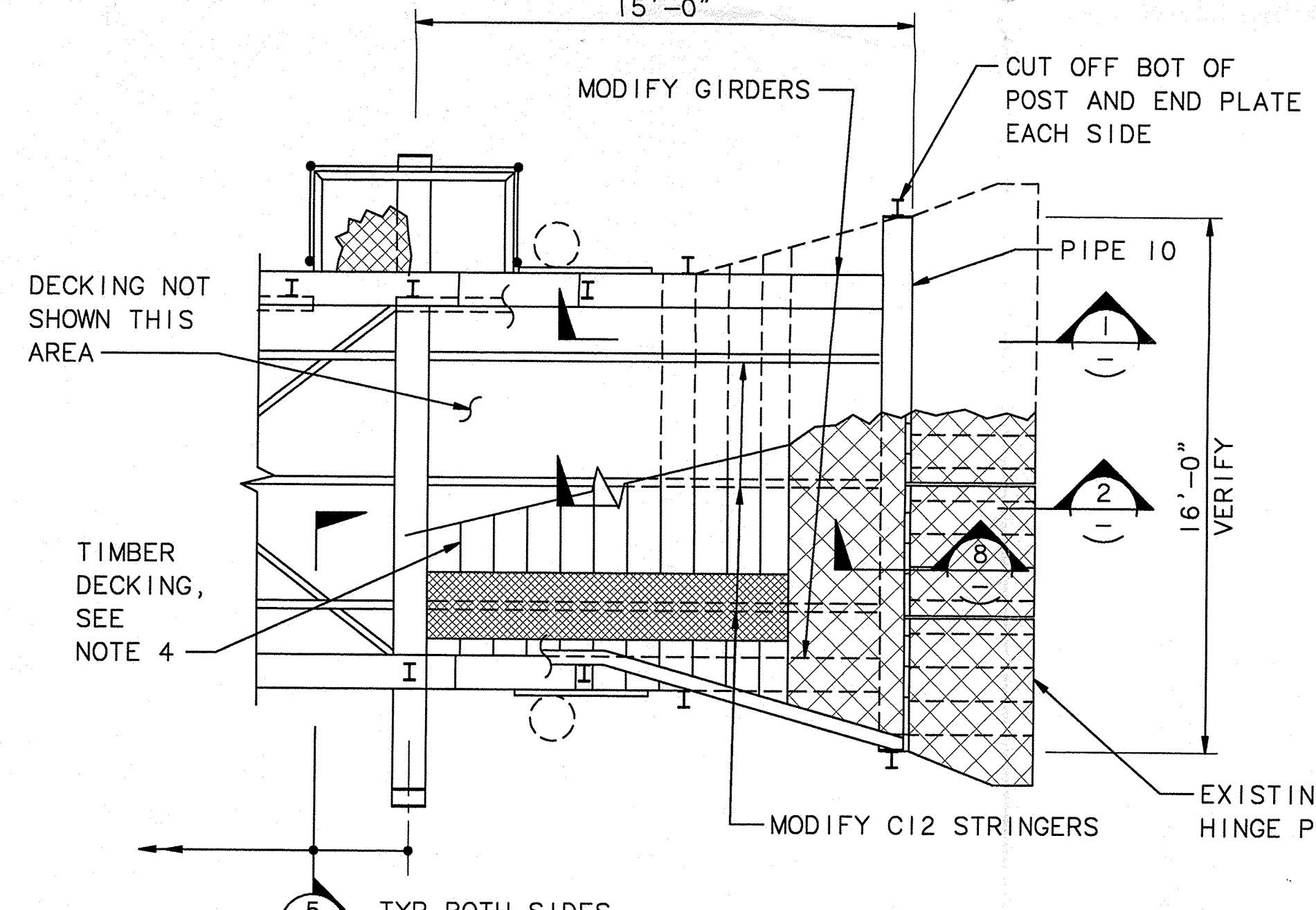
SCALE: 1 1/2"=1'-0"

FIELD MEASURE



SECTION

SCALE: 1 1/2"=1'-0"

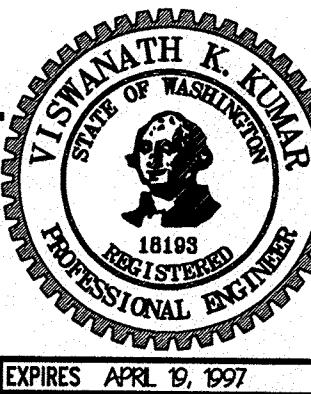


PLAN

SCALE: 1/4"=1'-0"

PLANK CONNECTION

SCALE: 1"=1'-0"



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FEDERAL WAY, WASHINGTON 98003
(206) 858-8100
A MEMBER OF THE BERGER GROUP

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DESIGN BY

4/21/96
DATE
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CHECK BY
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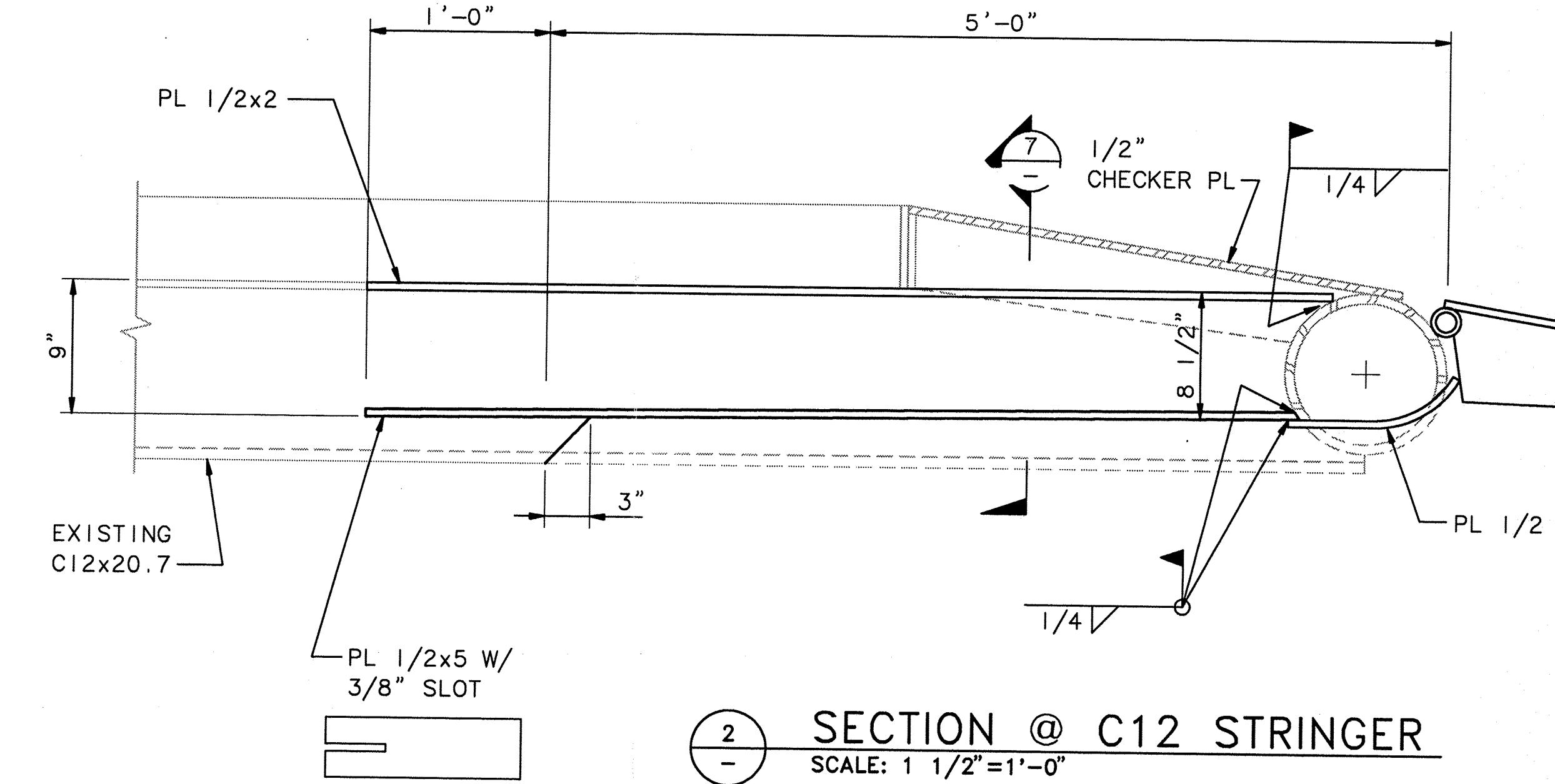
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DATE

MARK

REVISION

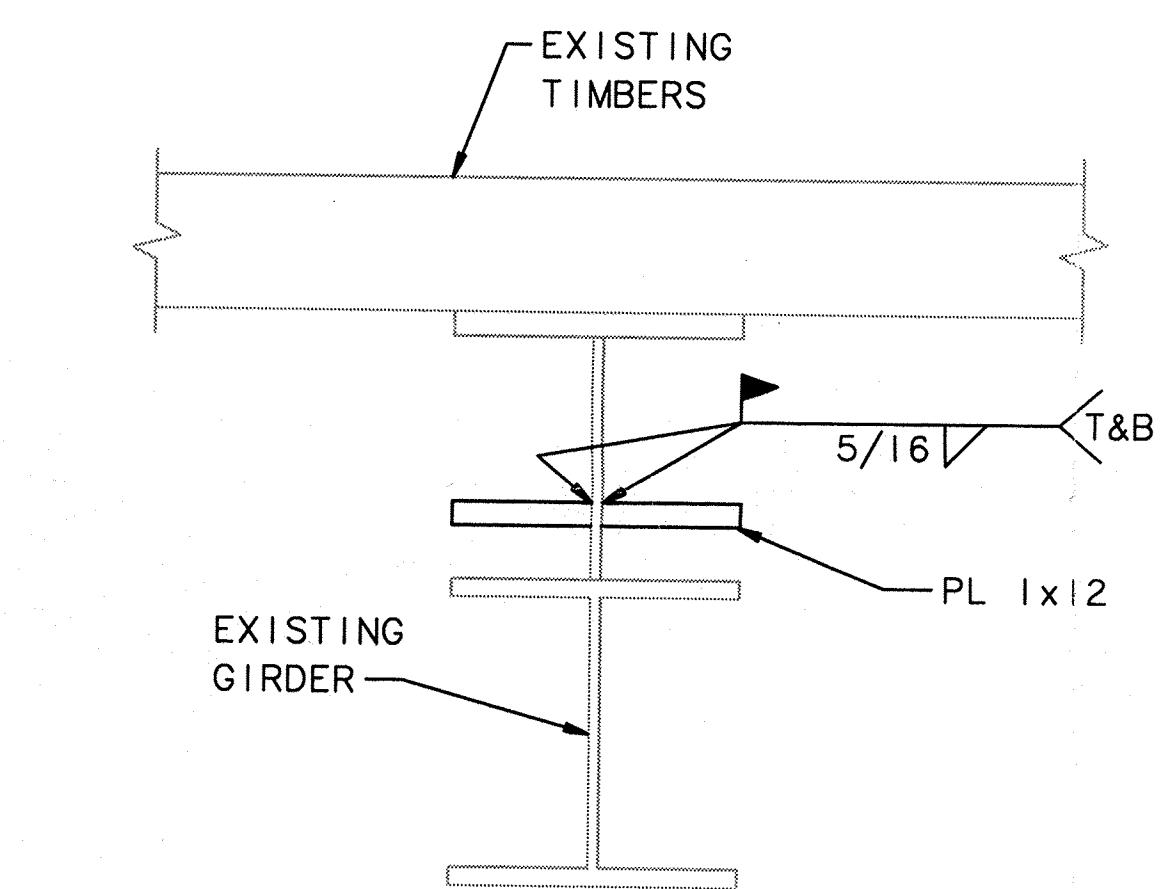
BY APP. DATE

- NOTES:
1. ALL WORK SHALL CONFORM TO THE HERRON ISLAND GENERAL NOTES AND SPECIFICATIONS.
 2. PAINT NEW STEEL AND DAMAGED PAINT ON EXISTING STEEL. FIELD TREAT THE WELDS ON GALVANIZED STEEL PER SPECIFICATIONS.
 3. COORDINATE ALL WORK WITH OWNER TO MINIMIZE DISRUPTION TO FERRY OPERATIONS.
 4. REMOVE TIMBER DECKING AS REQUIRED TO COMPLETE THE MODIFICATIONS.
 5. NEW STEEL ASTM A36.
 6. WELDS E70 ELECTRODES.
 7. EXTEND PLATE SO THAT HINGE PLATE HANGS FREE AS SHOWN.



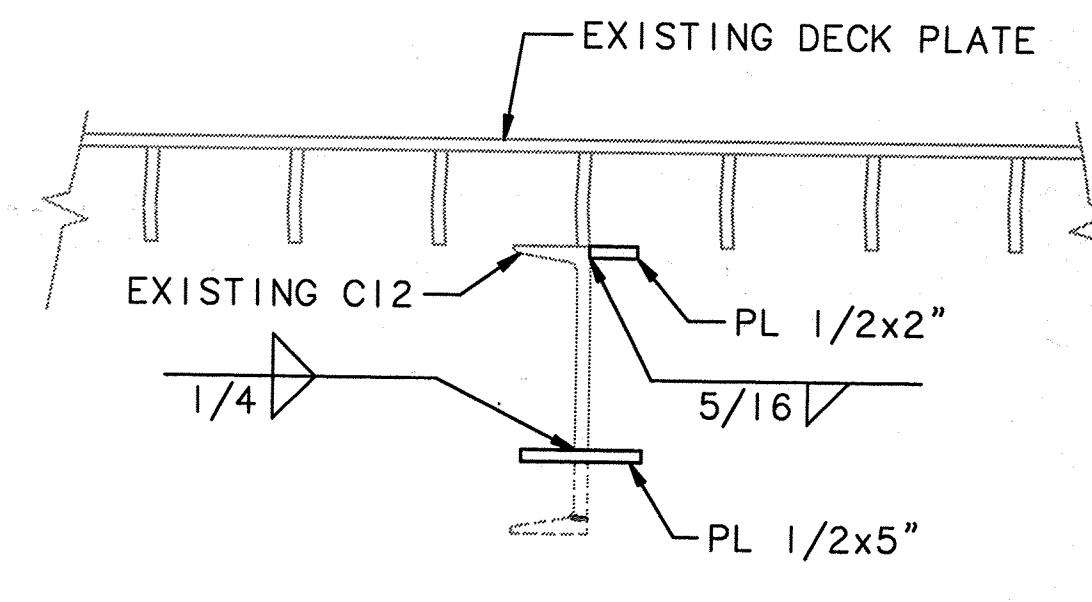
SECTION @ C12 STRINGER

SCALE: 1 1/2"=1'-0"



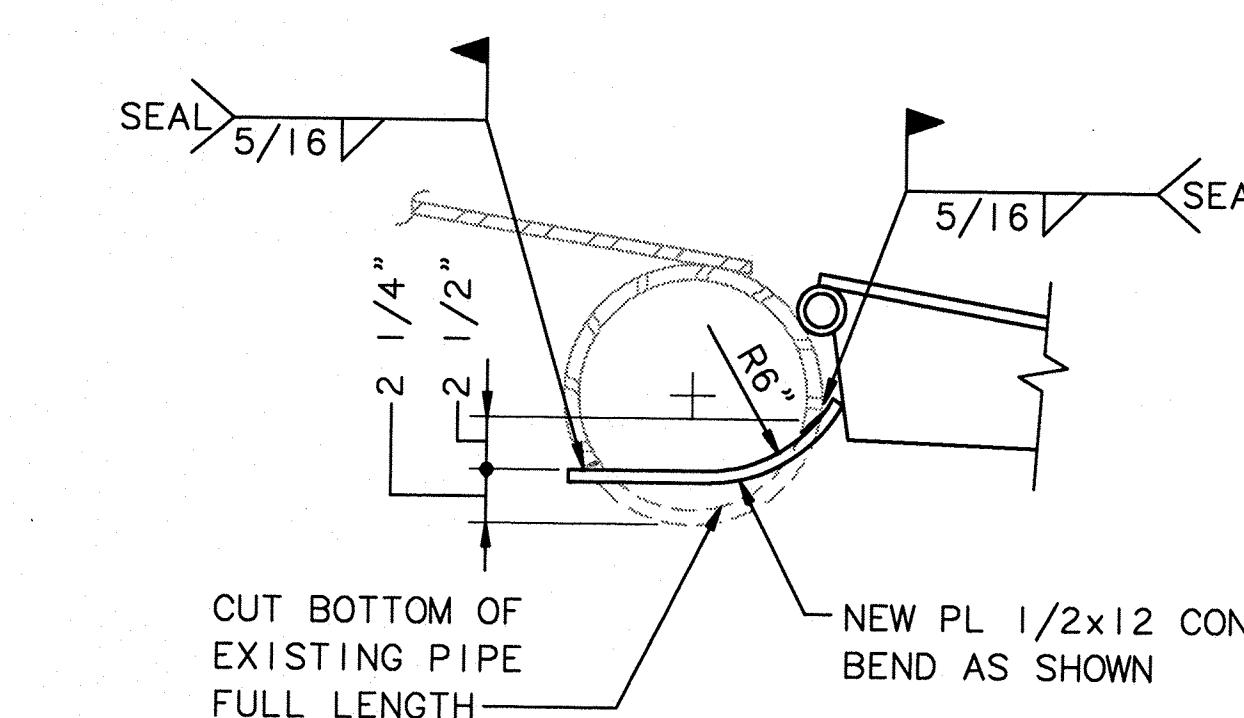
SECTION

SCALE: 1 1/2"=1'-0"



SECTION

SCALE: 1 1/2"=1'-0"



SECTION THRU PIPE

SCALE: 1 1/2"=1'-0"

**HERRON ISLAND
FERRY TERMINALS
MODIFICATIONS TO RAMP
MAINLAND & ISLAND TERMINALS**

DRAWING NO. S-12
CONTRACT NO. A94042
SHEET NO. OF

GENERAL NOTES

GENERAL NOTES

CODES AND STANDARDS

- ALL METHODS AND MATERIALS SHALL CONFORM TO THE UNIFORM BUILDING CODE, 1991 EDITION AS ADOPTED BY PIERCE COUNTY.
- REINFORCED CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301-84) AND BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE FOR BUILDINGS (ACI 318-89).
- STRUCTURAL AND MISCELLANEOUS STEEL FABRICATION SHALL CONFORM TO THE "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" (AISC MANUAL OF STEEL CONSTRUCTION - NINTH EDITION).
- WELDING OF STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO "STRUCTURAL WELDING CODE - STEEL" (AWS D1.1 REV. 2-83)

GENERAL

- THESE NOTES CONTAIN GENERAL INFORMATION AND ARE NOT COMPLETE FOR CONSTRUCTION PURPOSES. CONTRACTOR SHALL VERIFY INFORMATION GIVEN HERE WITH SPECIFICATIONS AND OTHER DOCUMENTS AND BRING ANY CONFLICTS TO THE ATTENTION OF THE ENGINEER PRIOR TO BEGINNING AFFECTED WORK.
- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS DURING ALL PHASES OF THE PROJECT.
- THE ELEVATIONS SHOWN ARE BASED ON FIELD MEASUREMENTS TAKEN BY ABAM ENGINEERS IN NOVEMBER 1993. ALL ELEVATIONS ARE RELATIVE TO THE BENCHMARKS SHOWN ON DRAWING C-1. THE CONTRACTOR SHALL ESTABLISH CONSTRUCTION BENCHMARKS AS DESCRIBED ON DRAWING C-1.
- THE DETAILS SHOWN FOR THE CONSTRUCTION OF THE FIXED PORTION OF THE TERMINALS (PIERS) ASSUME THE EXISTING TIMBER DECK WILL BE USED AS FALSEWORK FOR THE NEW CONCRETE PIER AND SUBSEQUENTLY DEMOLISHED. THE DECK THICKNESS SHOWN ARE MINIMUMS - THE CONTRACTOR MAY EITHER SHIM THE EXISTING PILE CAPS TO LEVEL THE EXISTING DECK TO OBTAIN UNIFORM SLAB THICKNESS, OR THE CONTRACTOR MAY USE THE EXISTING DECK "AS-IS" (WITH PLASTIC OVERLAY PER Specs.) AND VARY THE SLAB THICKNESS AS REQUIRED. SEE DRAWING C-1 FOR EXISTING DECK ELEVATIONS.
- THE COMPLETED MAINLAND TERMINAL MAY BE USED BY THE CONTRACTOR TO LOAD A REDI-MIX CONCRETE TRUCK ONTO THE CONTRACTOR'S BARGE FOR CONSTRUCTING THE ISLAND TERMINAL. COORDINATE SCHEDULE WITH OWNER.
- THE RAMP LIFTING SYSTEM SHALL BE CONTRACTOR DESIGNED AS NOTED ON SHEET S-7.

DESIGN CONCEPT

- VERTICAL LOADS ARE DISTRIBUTED THROUGH THE CONCRETE DECK TO THE PILE CAPS, PILECAPS TO PILES, AND PILES TO SOIL IN FRICTION AND END BEARING. THE RAMP SPANS BETWEEN THE PIER AND THE COUNTERWEIGHT TOWERS UNDER VERTICAL DEAD LOADS.
- THE RAMP RESTS ON THE FERRY DURING LOADING/UNLOADING. THE RAMP SPANS BETWEEN THE PIER AND THE FERRY UNDER VERTICAL LIVE LOADS.
- HORIZONTAL LOADS ARE DISTRIBUTED BY THE CONCRETE DECK TO THE PILES ACTING AS FLAGPOLES FIXED IN THE SOIL. HORIZONTAL LOADS FROM THE RAMP ARE RESISTED AT THE PIER BY PILES IN FLEXURE, AND AT THE TOWERS BY GUIDE PILES SUPPORTED BY THE TOWER PILECAPS, AND BY THE PILE CAP TO THE BATTER PILES ACTING IN TENSION OR COMPRESSION.

SMALL BOAT FLOATS

- REQUIRED FREEBOARD 15-18 INCHES
- LIVE LOAD ON FLOAT AND GANGWAY 40 PSF OR 1000 LB CONCENTRATED.

DESIGN LOADS

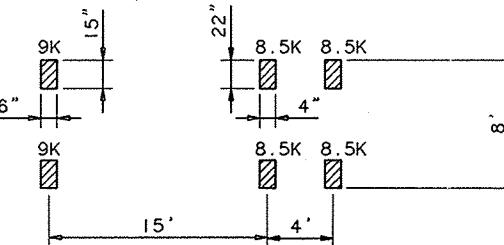
1. TIDES

THE FERRY TERMINALS HAVE BEEN DESIGNED FOR THE FOLLOWING TIDES AT MCMIKEN ISLAND PER TIDE TABLES FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA).

HIGHEST OBSERVED WATER LEVEL	18.16 FEET
HIGHEST OPERATING TIDE (HOT)	15.75 FEET
MEAN HIGHER HIGH WATER (MHHW)	14.07 FEET
MEAN LOWER LOW WATER (MLLW)	0.00 FEET
LOWEST OPERATING TIDE (LOT)	-2.12 FEET
LOWEST OBSERVED WATER LEVEL	-5.10 FEET

2. LIVE LOADS

- A. TRUCK LOADS - AASHTO HS-15 TRUCK, OR 7 CY CONCRETE TRUCK WITH THE FOLLOWING WHEEL LOADS:



3. LATERAL LOADS

- A. WIND: 1991 UBC - 80 MPH EXPOSURE C.

- B. SEISMIC (1991 UBC):

- SEISMIC FORCE $V = ZICW/Rw$
- SEISMIC ZONE FACTOR $Z = 0.3$
- IMPORTANCE FACTOR $I = 1.0$
- SITE COEFFICIENT FOR SOIL CHARACTERISTICS = 1.2
- STRUCTURE WEIGHT $W = \text{DEAD WEIGHT}$
- STRUCTURAL SYSTEM COEFFICIENT $Rw=4$

REINFORCED CONCRETE

- REINFORCING STEEL SHALL BE DEFORMED STEEL BARS CONFORMING TO ASTM A615, GRADE 60 GALVANIZED.
- PRESTRESSING STEEL SHALL BE UNCOATED, LOW LOW-RELAXATION SEVEN WIRE STRAND CONFORMING TO ASTM A416, GRADE 270.
- WIRE FOR SPIRAL REINFORCEMENT SHALL BE ASTM A 82.
- SPLICING OF REINFORCING BARS OVER 40 FEET IN LENGTH, EXCEPT AS PROHIBITED ON THE DRAWINGS, SHALL BE PERMITTED. SPLICES SHALL BE STAGGERED WITH NO MORE THAN 50% OF THE BARS BEING SPLICED IN ONE LOCATION. PROVIDE A MINIMUM SPLICE LENGTH OF 50 BAR DIAMETERS.
- MINIMUM 28-DAY COMPRESSIVE STRENGTH FOR CAST-IN-PLACE CONCRETE SHALL BE 4000 PSI.
- CHAMFER ALL EXPOSED CORNERS 3/4 INCH.
- CONCRETE PILES SHALL BE PRECAST, PRESTRESSED CONCRETE WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 6000 PSI.

STRUCTURAL AND MISCELLANEOUS STEEL

- ALL MISCELLANEOUS STEEL SHAPES, PLATES, AND BARS: ASTM A 36 EXCEPT AS NOTED.
- PIPES: ASTM A53, GRADE B, TYPE E OR S.
- TUBES: ASTM A500 GRADE B.

4. STRUCTURAL STEEL FOR RAMP PLATE GIRDERS : ASTM A572 GRADE 50.

5. FASTENERS: ASTM A 307

6. HOT-DIP GALVANIZE MISCELLANEOUS STEEL, RAILINGS LIFTING TOWERS, HEAD BEAMS AND FASTENERS. GALVANIZED ITEMS AFTER FABRICATION AS FAR AS PRACTICAL. RESTORE GALVANIZING DAMAGED BY WELDING OR HANDLING WITH A FIELD-APPLIED GALVANIZING COMPOUND IN ACCORDANCE WITH THE SPECIFICATIONS.

7. PAINT ALL STEEL NOT GALVANIZED PER SPECS.

8. UHMW: BLACK UHMW POLYETHYLENE W/ 2.5% CARBON.

FOUNDATIONS AND PILING

1. FOUNDATIONS HAVE BEEN DESIGNED ACCORDING TO THE RECOMMENDATIONS GIVEN IN THE GEOTECHNICAL REPORT BY GEOENGINEERS INC. DATED JANUARY 26, 1994. THE REPORT IS AVAILABLE AT ABAM ENGINEERS OFFICE FOR REVIEW BY THE PROSPECTIVE BIDDERS.

2. PILING SHALL BE DRIVEN TO THE TIP ELEVATION SHOWN ON THE DRAWINGS. JETTING MAY BE REQUIRED.

3. CONCRETE PILES DRIVEN TO THE EMBEDMENTS NOTED WILL DEVELOP THE FOLLOWING ULTIMATE LOADS (BASED ON SOIL)

15 FEET EMBEDMENT - 100 TONS COMP 22 TONS TENSION
20 FEET EMBEDMENT - 130 TONS COMP 35 TONS TENSION

4. STEEL PIPE PILES SHALL BE ASTM A252 GRADE 2 OR 3.

TIMBER

1. ALL TIMBER DECKING SHALL BE DOUGLAS FIR-LARCH NO. 1 S4S AS GRADED BY THE WEST COAST LUMBER INSPECTION BUREAU (WCLB).

2. ALL TIMBER SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) C18 & P5 WITH A MINIMUM RETENTION OF 0.60 POUNDS OF ACZA PER CUBIC FOOT.

3. ALL HARDWARE, BOLTS AND WASHERS NECESSARY TO PROVIDE A COMPLETE INSTALLATION SHALL BE HOT-DIP GALVANIZED.

RAMP OPERATION NOTES

FOLLOWING IS A DESCRIPTION OF THE RAMP OPERATION. SEE SHEET S-7 FOR TOWER LAYOUT AND DESCRIPTION OF FEATURES.

1. THE RAMP SHOULD BE LIFTED TO THE HIGHEST POSITION WITH BRAKE LOCKED AFTER DEPARTURE OF THE FERRY, OR WHENEVER THE FERRY IS MOORED IN A STANDBY OR INOPERABLE POSITION.

2. AS THE FERRY APPROACHES THE TERMINAL, THE FERRY OPERATOR SHOULD ADJUST THE RAMP HEIGHT USING THE RADIO OPERATED CONTROLS TO ALLOW BERTHING OF THE FERRY. AFTER THE FERRY HAS BERTCHED, THE FERRY OPERATOR LOWERS THE RAMP TO BEAR ON THE DECK OF THE FERRY.

3. DURING THE LOADING OPERATION, OR UNDER A FALLING TIDE, THE PILOT OR ASSISTANT SHOULD SET THE TENSIONING COUNTERWEIGHT (TC) IN THE LOWER END OF THE OPERATING RANGE (OR). AS THE FERRY LOWERS, THE TC WILL RISE TO KEEP THE WINCH LINES TIGHT. IF THE TC RISES ABOVE THE OR, AN ALARM WILL SOUND. IF NO ACTION IS TAKEN TO ADJUST THE TC, THE TC WILL HIT THE UPPER STOP, THE RAMP WILL LIFT, AND LOSE CONTACT WITH THE FERRY.

4. DURING THE UNLOADING OPERATION, OR WITH RISING TIDE, THE TENSIONING COUNTERWEIGHT WILL TAKE UP THE SLACK IN THE WINCH LINES. THE FERRY OPERATOR SHOULD SET THE TC AT THE UPPER END OF THE OR PRIOR TO UNLOADING. THE OPERATOR SHOULD ADJUST THE TC TO KEEP IT WITHIN THE OR. AN ALARM WILL SOUND WHEN THE TC TRAVELS BELOW THE OR. IF NO ACTION IS TAKEN AFTER THE ALARM SOUNDS, THE TC WILL BOTTOM OUT ON THE PILE CAP, AND THE CABLE WILL GO SLACK ON THE WINCH. IF THE OPERATOR FAILS TO STOP THE WINCH AT THE UPPER END OF THE OR WHEN RAISING THE TC, AN ALARM WILL SOUND. IF THE WINCH IS NOT STOPPED, THE RAMP WILL RAISE AFTER THE TC HAS ENGAGED THE UPPER STOP.

5. THE RAMP HAS BEEN DESIGNED TO SPAN FROM THE PIER TO THE FERRY UNDER LIVE LOADS IMPOSED BY THE DESIGN 52,000 LB TRUCK. THE FERRY WILL DISPLACE ABOUT 30" AT THE END SUPPORTING THE RAMP DURING LOADING. THE TC WILL MOVE 150 INCHES. NO PEDESTRIANS SHOULD BE ALLOWED ON THE RAMP DURING LOADING OR UNLOADING OF VEHICLES. ONLY ONE VEHICLE AT A TIME SHALL USE THE RAMP.

6. POST THE FOLLOWING SIGN AT THE LANDSIDE END OF THE RAMPS.

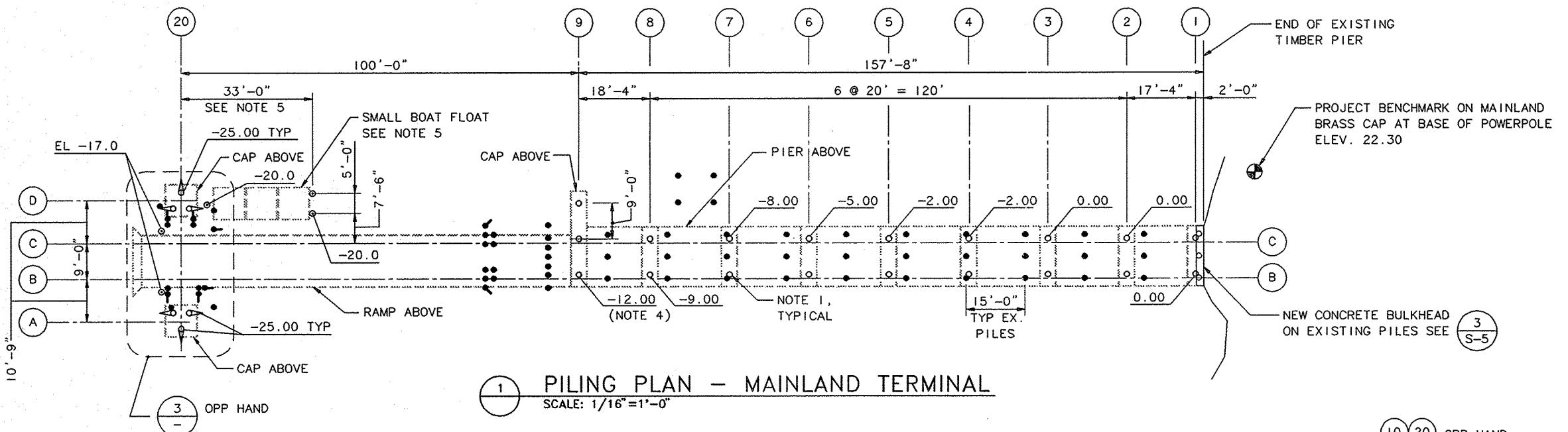
NO PEDESTRIANS ALLOWED ON RAMP DURING VEHICLE LOADING.

ONLY ONE VEHICLE AT A TIME IS PERMITTED ON THE RAMP

MAXIMUM GVW 52,000lbs

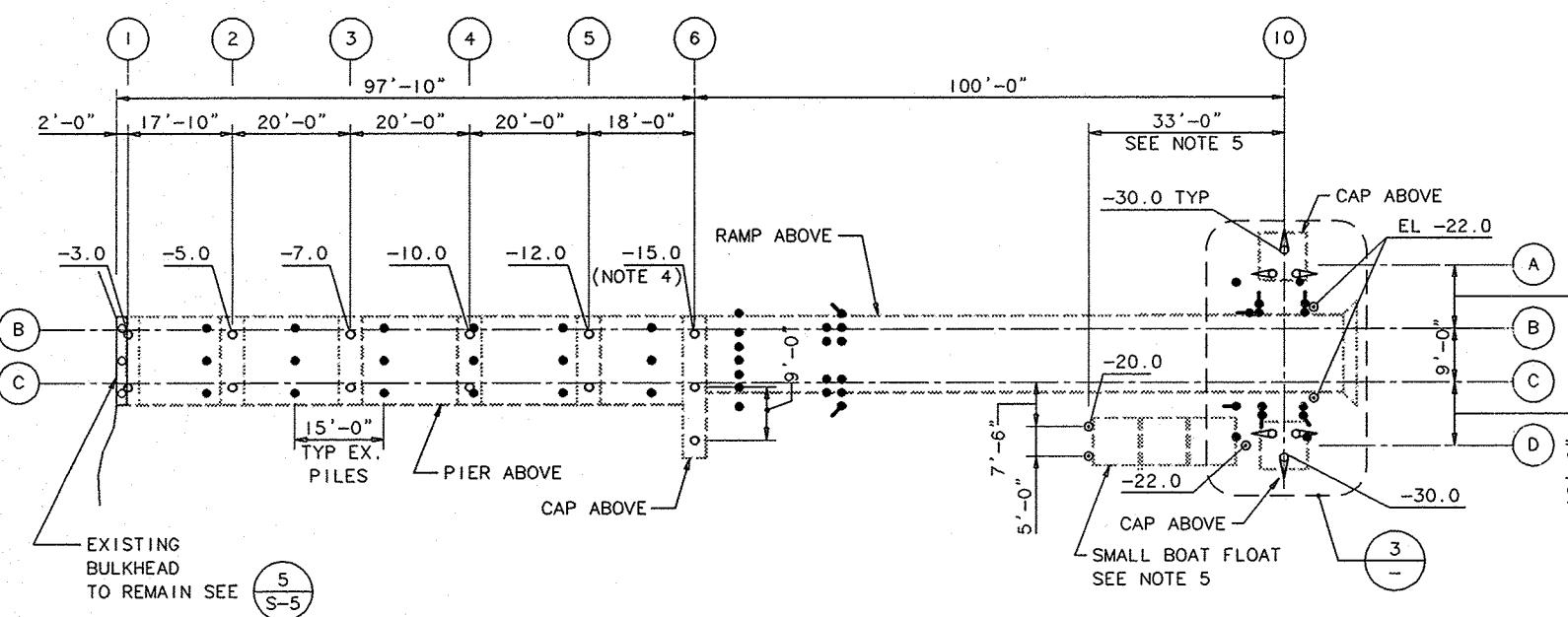
FOR CONSTRUCTION

DRAWING NO.	GENERAL NOTES & RAMP OPERATION NOTES										DRAWING NO. S-1	
	GENERAL NOTES					RAMP OPERATION NOTES						
CONTRACT NO. A94042											SHEET NO. OF	



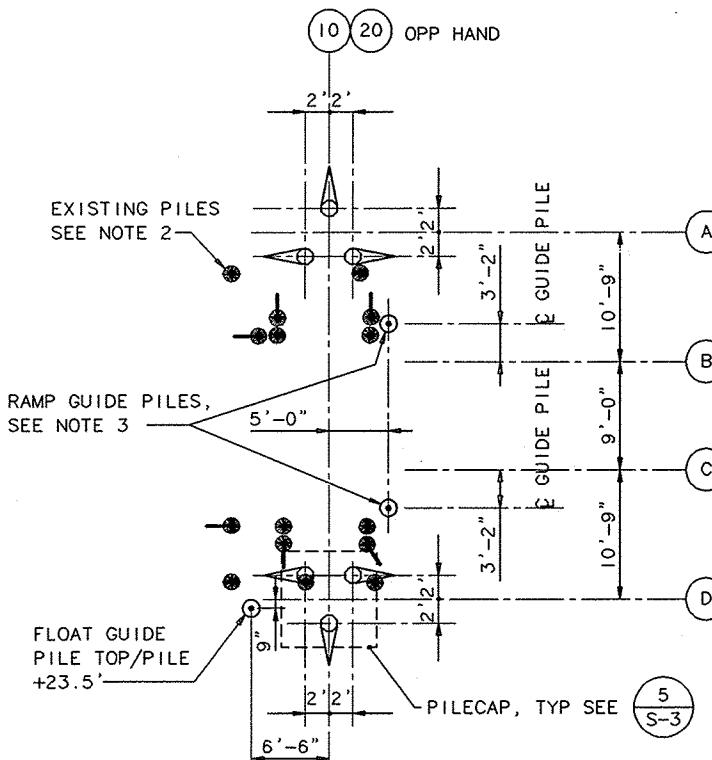
PILING PLAN - MAINLAND TERMINAL

SCALE: 1/16"=1'-0"



PILING PLAN - ISLAND TERMINAL

SCALE: 1/16"=1'-0"



PILE LAYOUT @ RAMP LIFTING TOWERS

SCALE: 1/8"=1'-0"

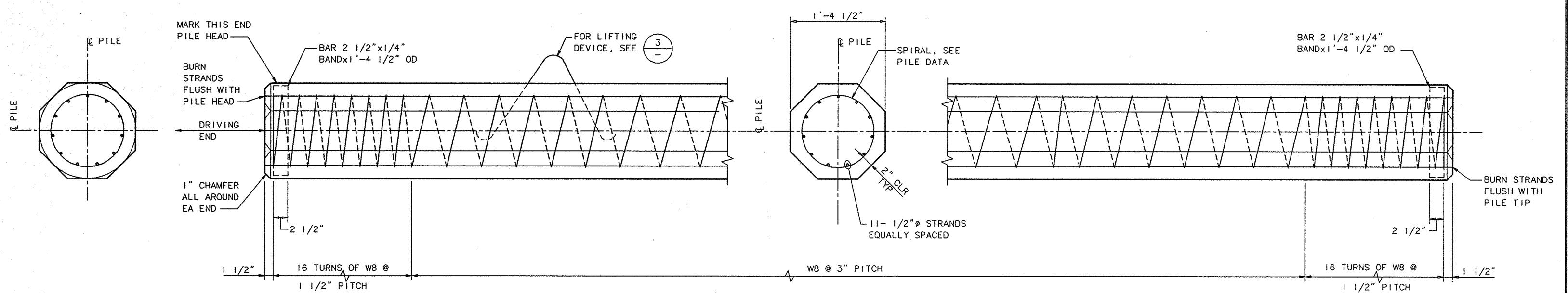
LEGEND

- TIP ELEV
- 16 1/2" OCT. P/S P/C CONCRETE PILE
- BATTER PILE 2H:12V.
- EXISTING TIMBER PILE TO REMAIN
- EXISTING TIMBER PILES TO BE PULLED
- PIPE 12 X-STRONG PILE

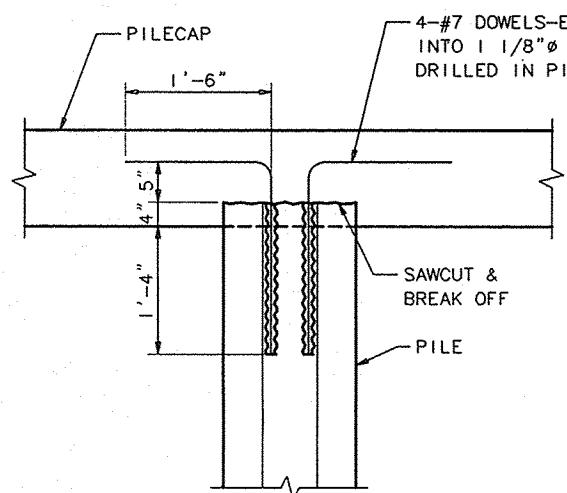
NOTES:

1. PILES MAY BE ADJUSTED $\pm 3''$ IN ANY DIRECTION AS REQUIRED TO MISS EXISTING STRINGERS, PILES AND PILECAPS.
2. LOCATIONS OF EXISTING PILES AT RAMP TOWER ARE APPROXIMATE. VERIFY LOCATION IN FIELD AND REPORT ANY INTERFERENCE WITH NEW PILES TO ENGINEER PRIOR TO BEGINNING WORK.
3. RAMP GUIDE PILES SHALL BE DRIVEN TO TOLERANCES NOTED IN SPECS.
4. PILES ON LINE (C) HAVE SAME TIP ELEV AS LINE (B).
5. ADJUST GUIDE PILE LOCATIONS TO FIT ACTUAL FLOAT PROVIDED.

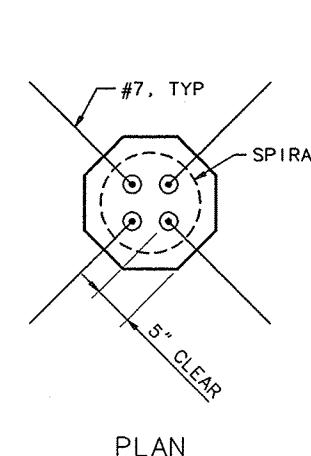
FOR CONSTRUCTION



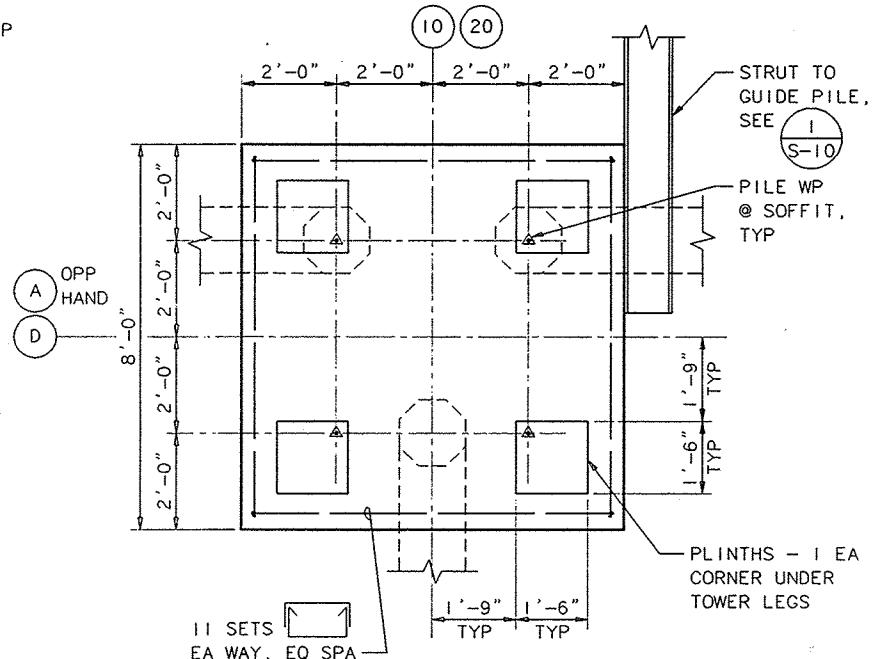
1 16 1/2" OCTAGONAL PRECAST PRESTRESSED CONCRETE PILE



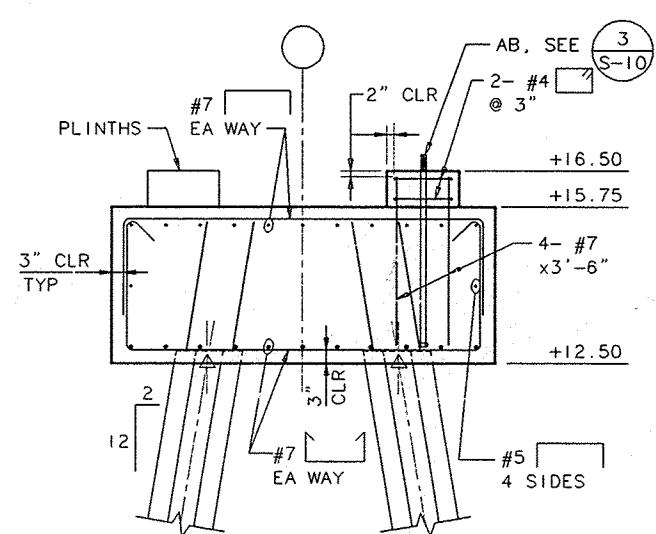
TYPICAL PILE CUTOFF @ SLAB



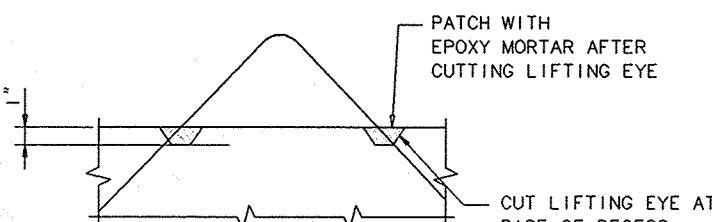
TYPICAL PILE CUTOFF



PLAN - TOWER PILE CAP



SECTION - TOWER PILE CAP



NOTE:
LIFTING DEVICE LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR CONSIDERING ALL LOADS IMPARTED TO THE PILE (NORMAL AND PARALLEL TO THE LONGITUDINAL AXIS) BY THE RIGGING BEING USED. ALL MODES OF LIFTING (FABRICATION AND FIELD) SHALL BE CONSIDERED.

DETAIL - LIFTING EYE

PRECAST PRESTRESSED PILE DATA	
SIZE	16 1/2" OCTAGON
SECTION AREA	225 SQ IN
WEIGHT	247 LBS/FT
SECTION MODULUS	495 CUBIC IN
MIN CONCRETE COMPRESSIVE STRENGTH:	
AT RELEASE	4800 PSI
AT DRIVING	6000 PSI
AT 28 DAYS	6000 PSI
PRESTRESSING STEEL	1/2" DIA-7 WIRE STRAND
PRETENSION:	
NUMBER OF STRANDS	11
DESIGN FORCE	273 KIPS
SPIRAL - SPACE PER DRAWING	ASTM A 82

PRECAST PILE DATA



EXPIRES APRIL 19, 1996

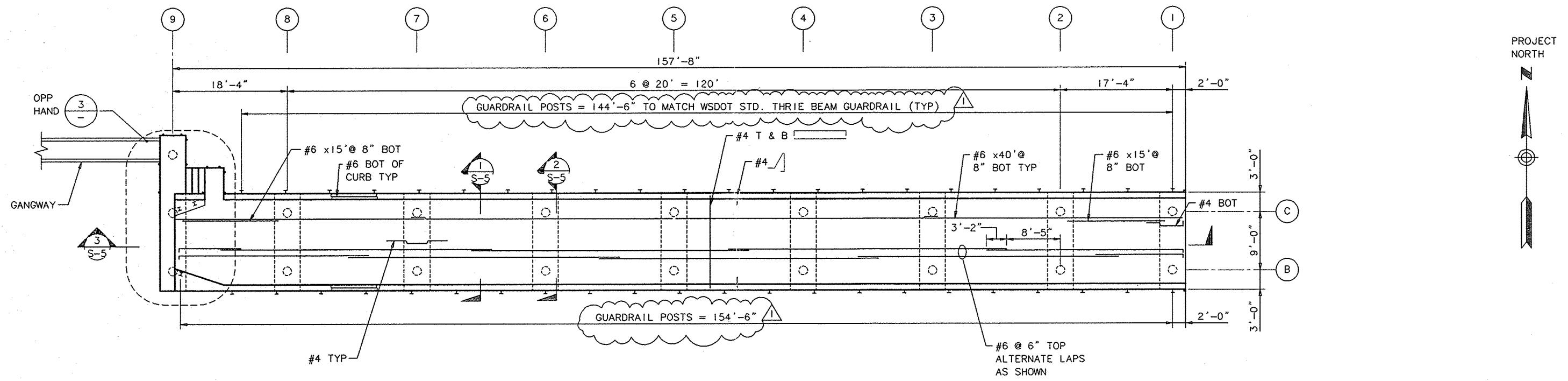
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REH DESIGN BY	5/26/94 DATE	REH PROJ ENGR	5/26/94 DATE	MARK	REVISION	BY APP.	DATE

HERRON ISLAND
FERRY TERMINALS

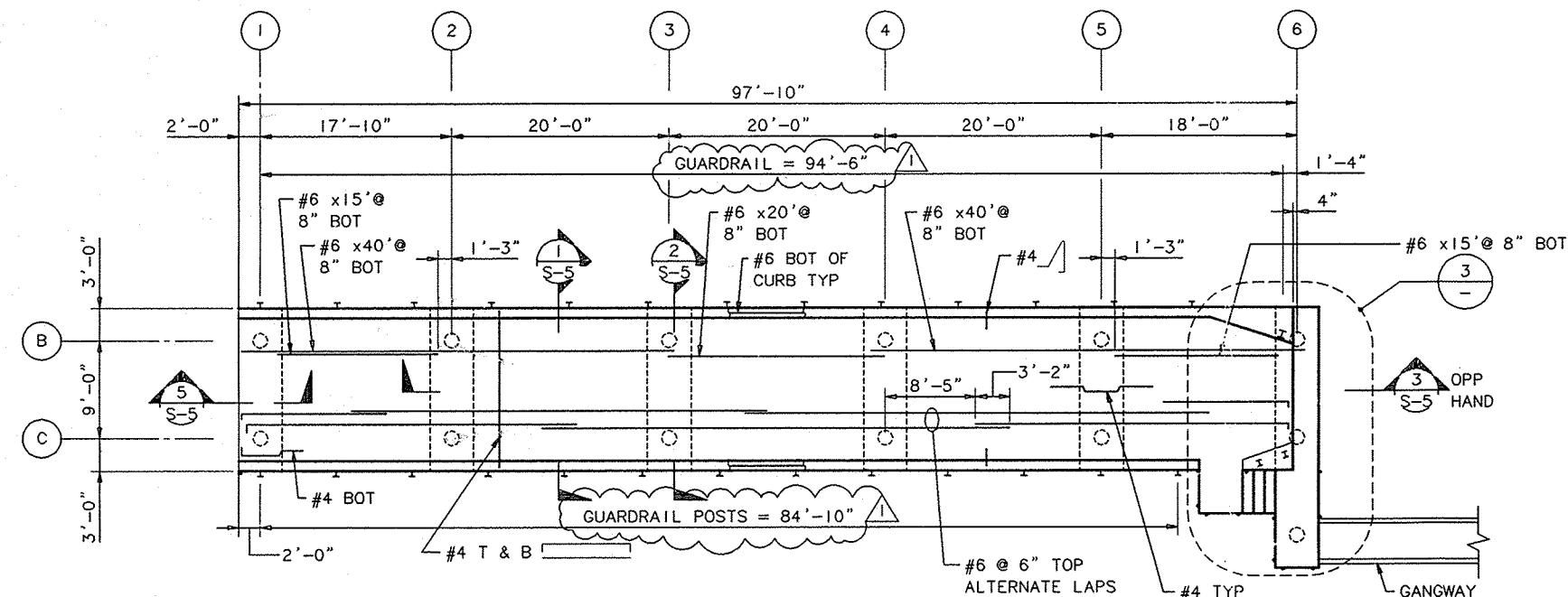
PILING & PILE CAP DETAILS

DRAWING NO. **S-3**
CONTRACT NO. **A94042**
SHEET NO. **OF**

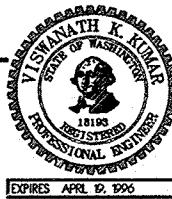
FOR CONSTRUCTION



DECK PLAN - MAINLAND TERMINAL



2 DECK PLAN - ISLAND TERMINAL
SCALE: 1/8" = 1'-0"



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A MEMBER OF THE BERGER GROUP

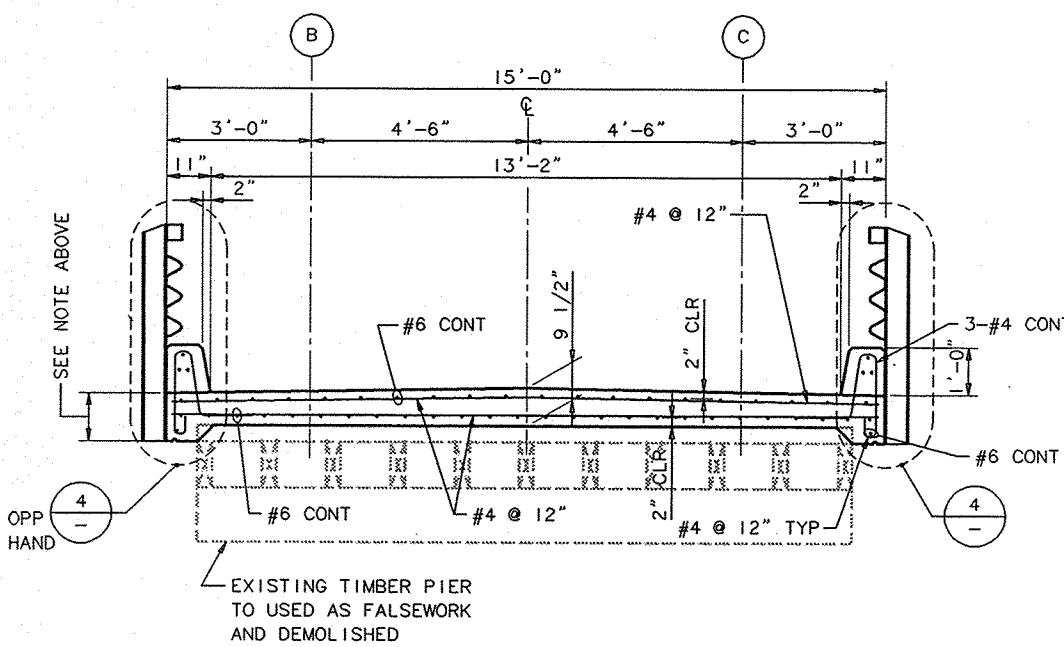
MDB	5/27/94	VKK	5/26/94	△	ADDENDUM I	ELB	VKK	9/15/94
DRAWN BY	DATE	CHECK BY	DATE					
REH	5/26/94	REH	5/26/94					
DESIGN BY	DATE	PROJ ENGR	DATE	MARK	REVISION	BY	APP.	DATE

HERRON ISLAND
FERRY TERMINALS

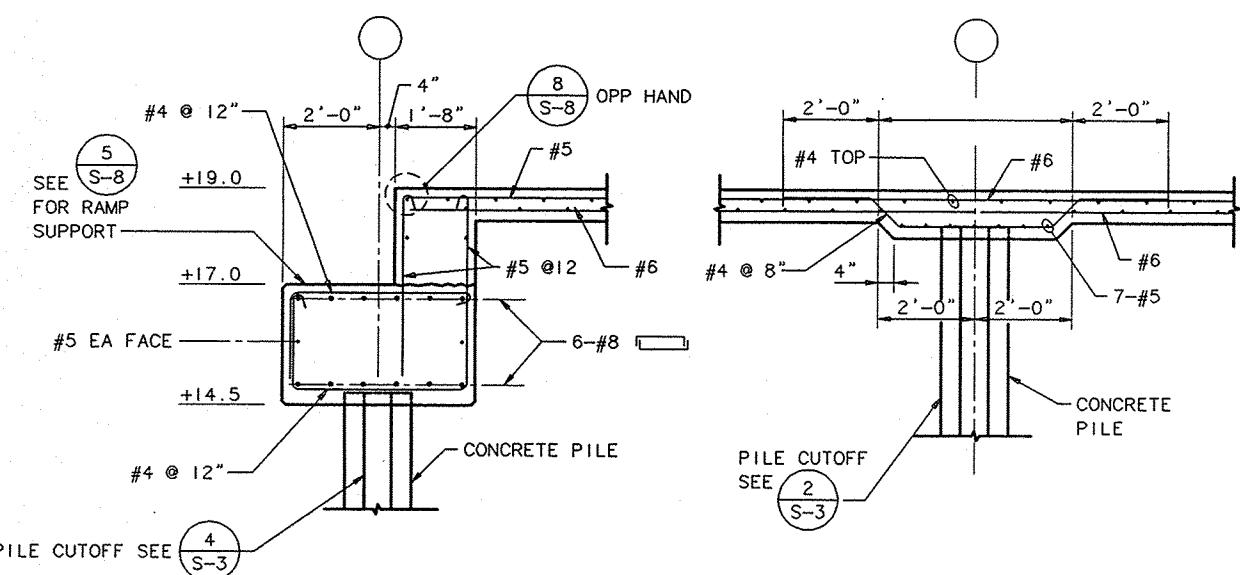
FOR CONSTRUCTION

DRAWING NO. S-4
CONTRACT NO. A94042
SHEET NO. OF

NOTE:
PILECAP THICKNESS IS 11 1/2" NOMINAL AT EDGE, ASSUMING
THE EXISTING DECKING IS 4" THICK. IT IS ASSUMED 1/2"
PLYWOOD WILL BE USED AS A SOFFIT FORM IN THE PILECAP
AFTER REMOVAL OF THE 4x12 DECKING.



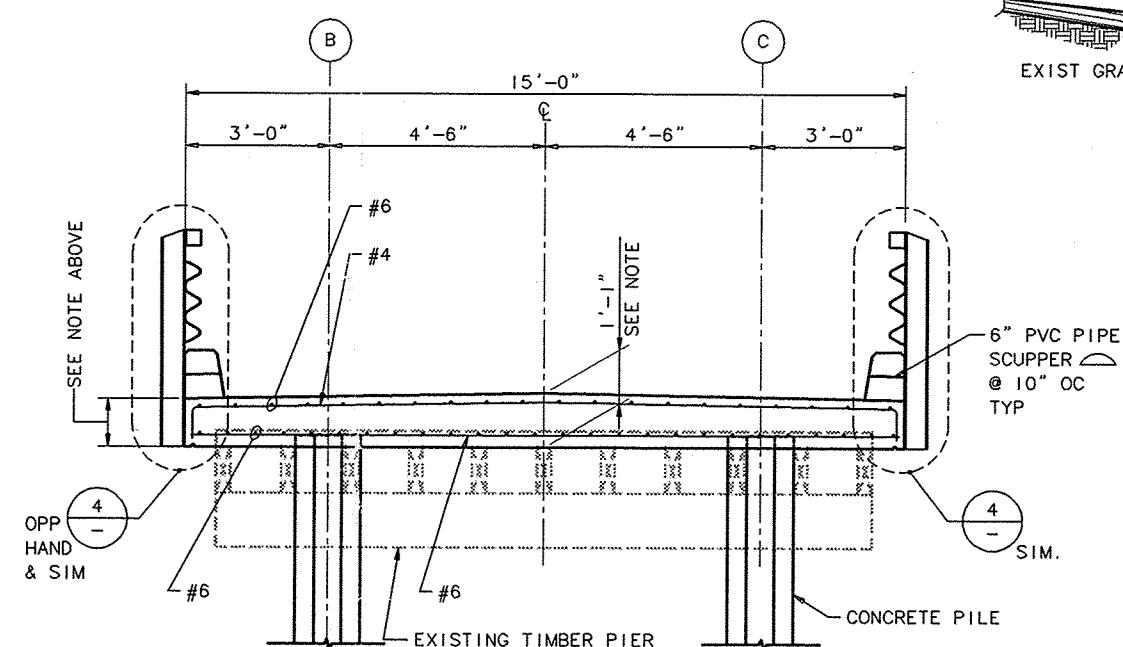
TYPICAL SECTION



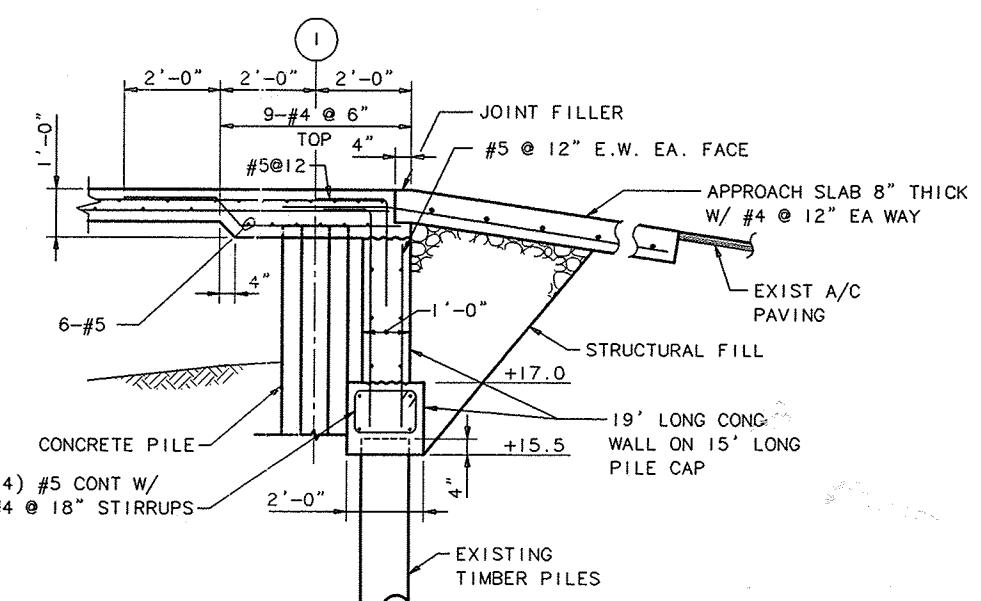
RAMP SUPPORT

TYPICAL PILE CAP

MAINLAND ABUTMENT



SECTION @ PILE CAP



3 LONGITUDINAL SECTION
SCALE: $1/2'' = 1'-0''$



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<u>RGP</u>	<u>5/27/94</u>	<u>VKK</u>	<u>5/26/94</u>				
DRAWN BY	DATE	CHECK BY	DATE				
<u>REH</u>	<u>5/26/94</u>	<u>REH</u>	<u>5/26/94</u>				
DESIGN BY	DATE	PROJ ENCP	DATE	MARK	REVISION	PY	APP DATE

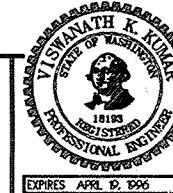
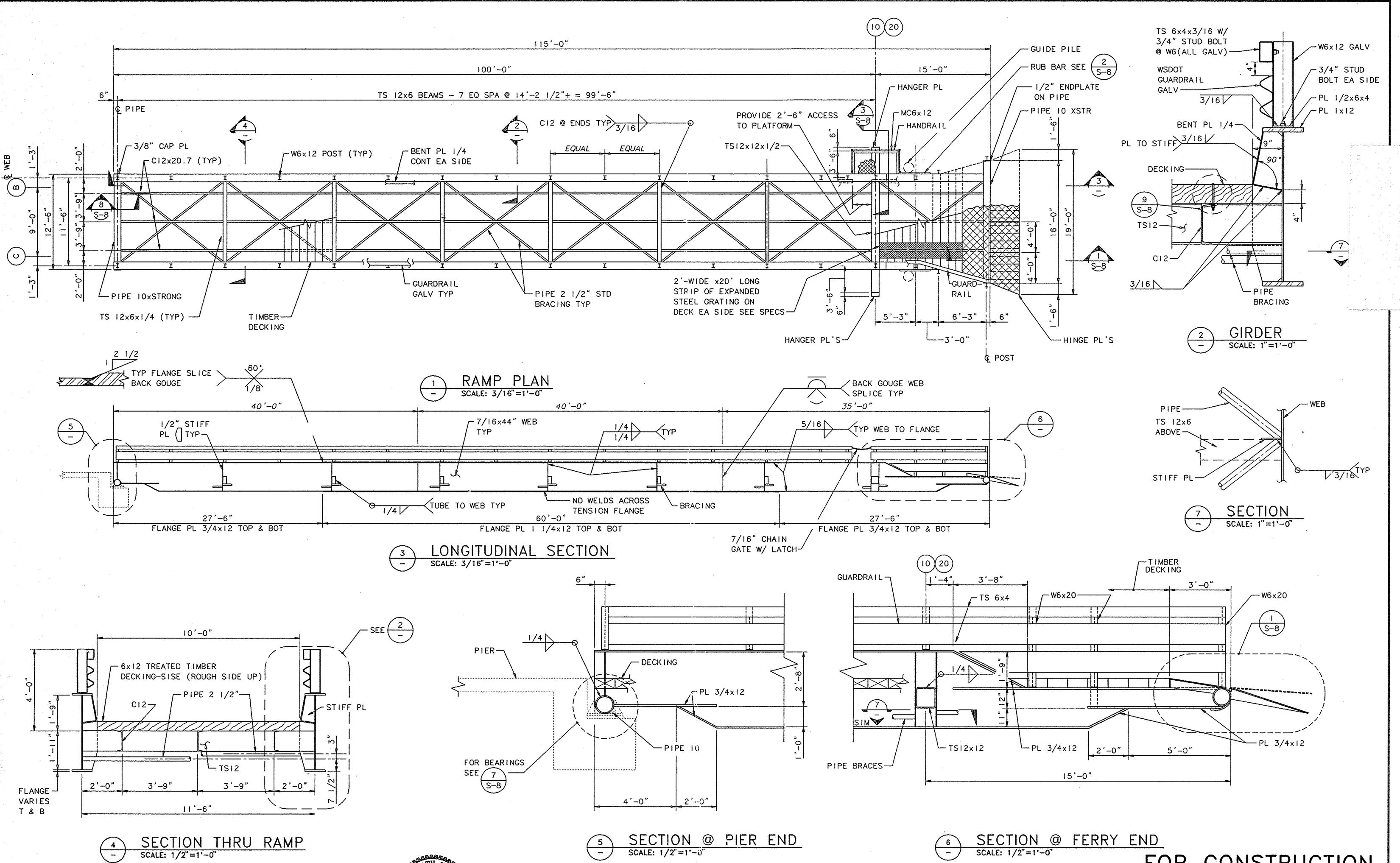
HERRON ISLAND
FERRY TERMINALS

DECK SECTIONS & DETAILS

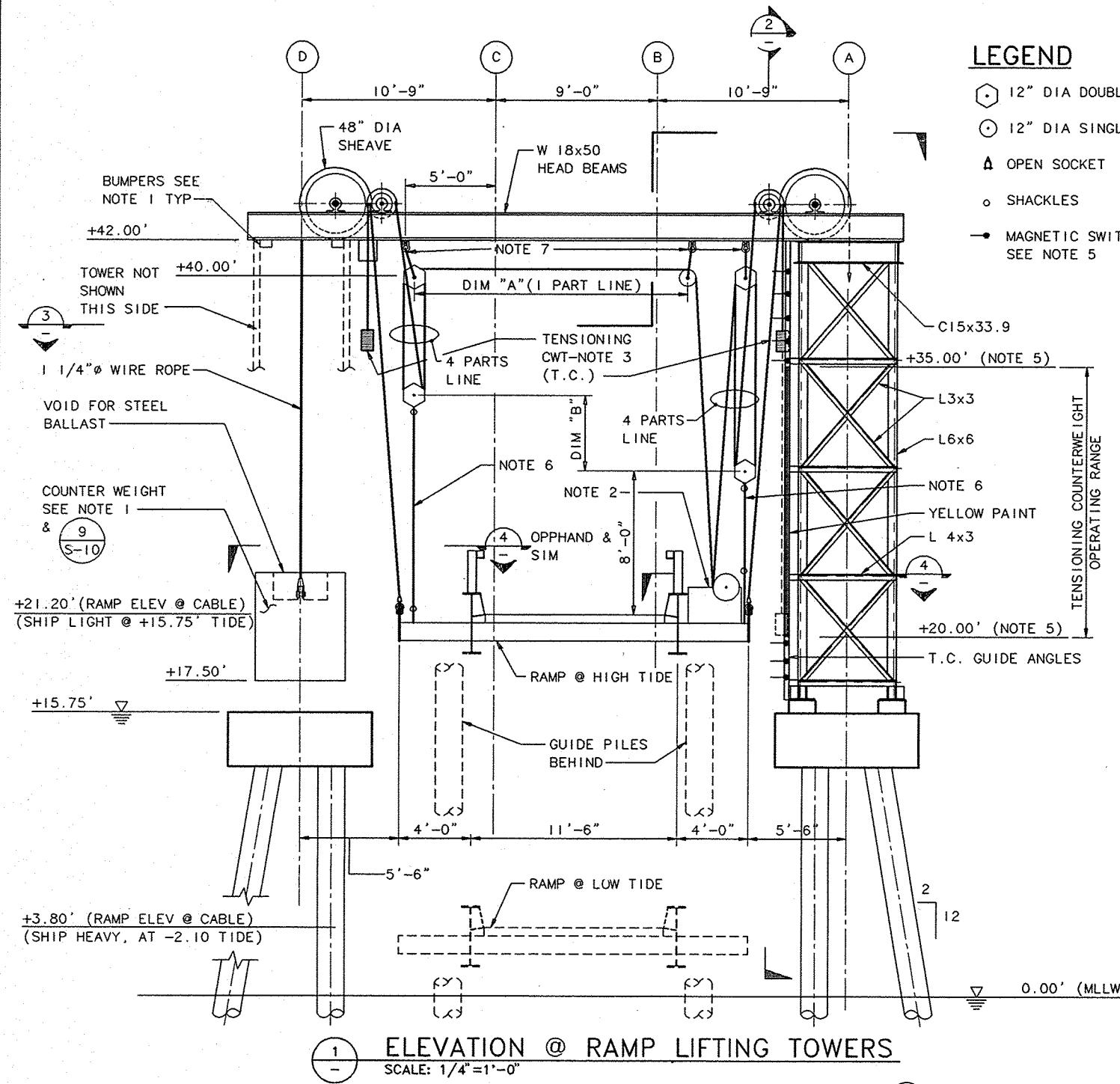
DRAWING NO. S-5
CONTRACT NO. A94042
SHEET NO. OF

SECTION @ GUARDRAIL

FOR CONSTRUCTION

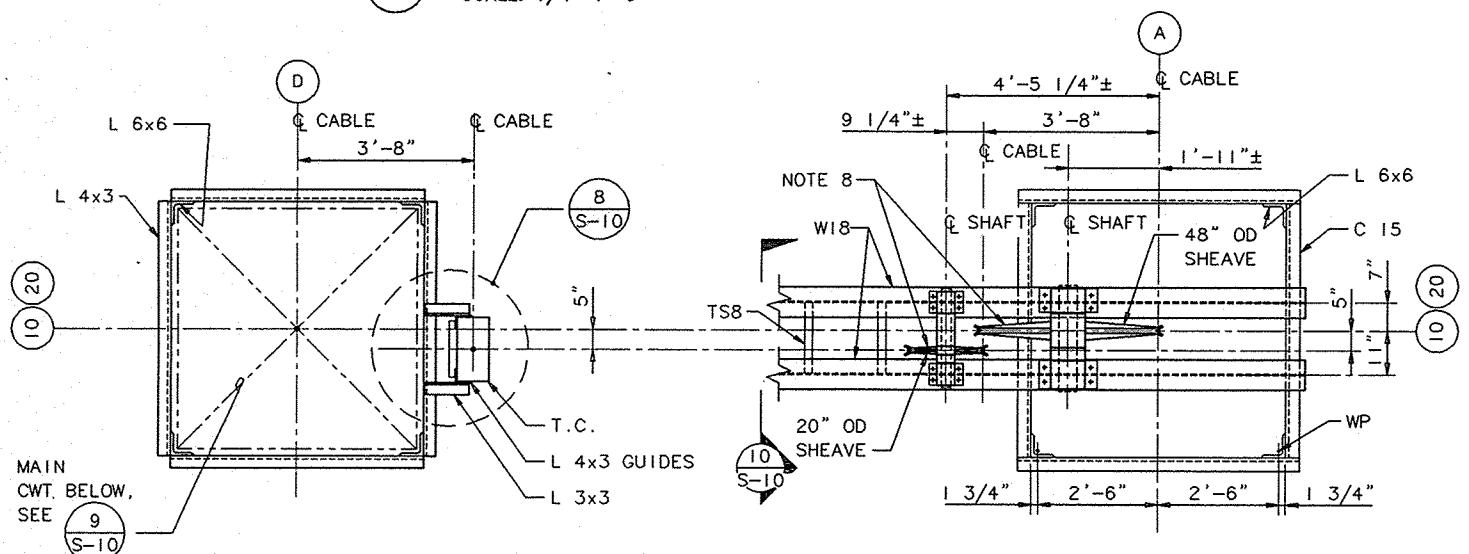


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ELEVATION @ RAMP LIFTING TOWERS
SCALE: 1/4" = 1'-0"

SCALE: 1/4"=1'-0"



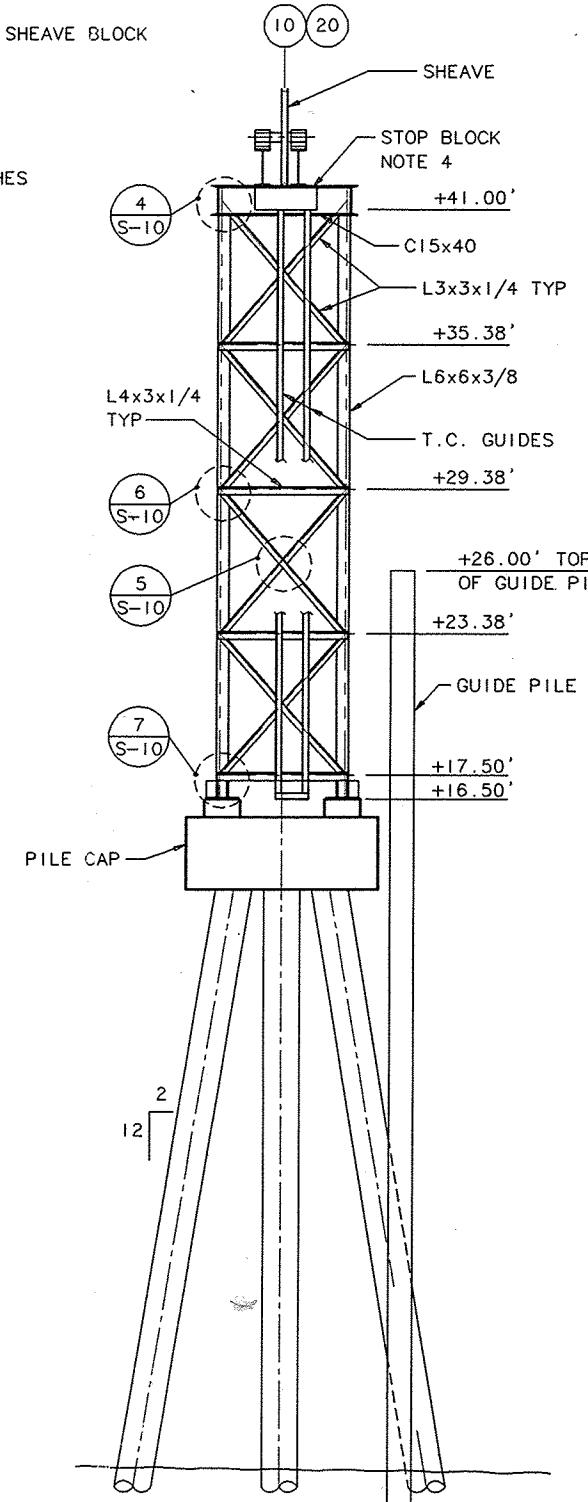
THRU TOWER

3 PLAN DETAIL

The logo for ABAM Consulting Engineers. It features a stylized 'A' composed of three horizontal bars of increasing length from left to right. To the right of the 'A' is the word 'B' in a bold, sans-serif font. Below the 'A' and 'B' is the word 'E' in a smaller, bold, sans-serif font. The entire logo is enclosed in a thin black rectangular border.

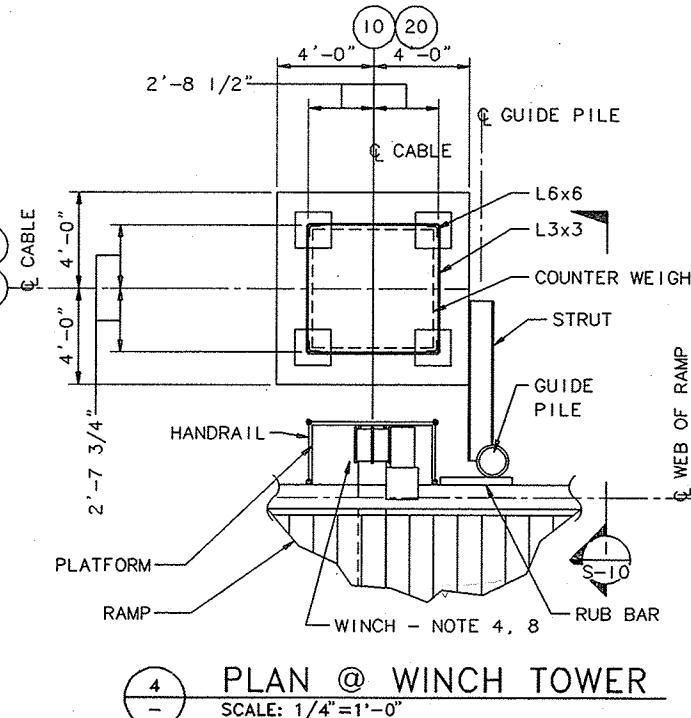


AT HEAD BEAM



2 ELEVATION
SCALE: 1/4" = 1'-0"

- SCALE: $1/4'' = 1'-0''$



PLAN @ WINCH TOWER

SCALE: 1/4" = 1'-0"

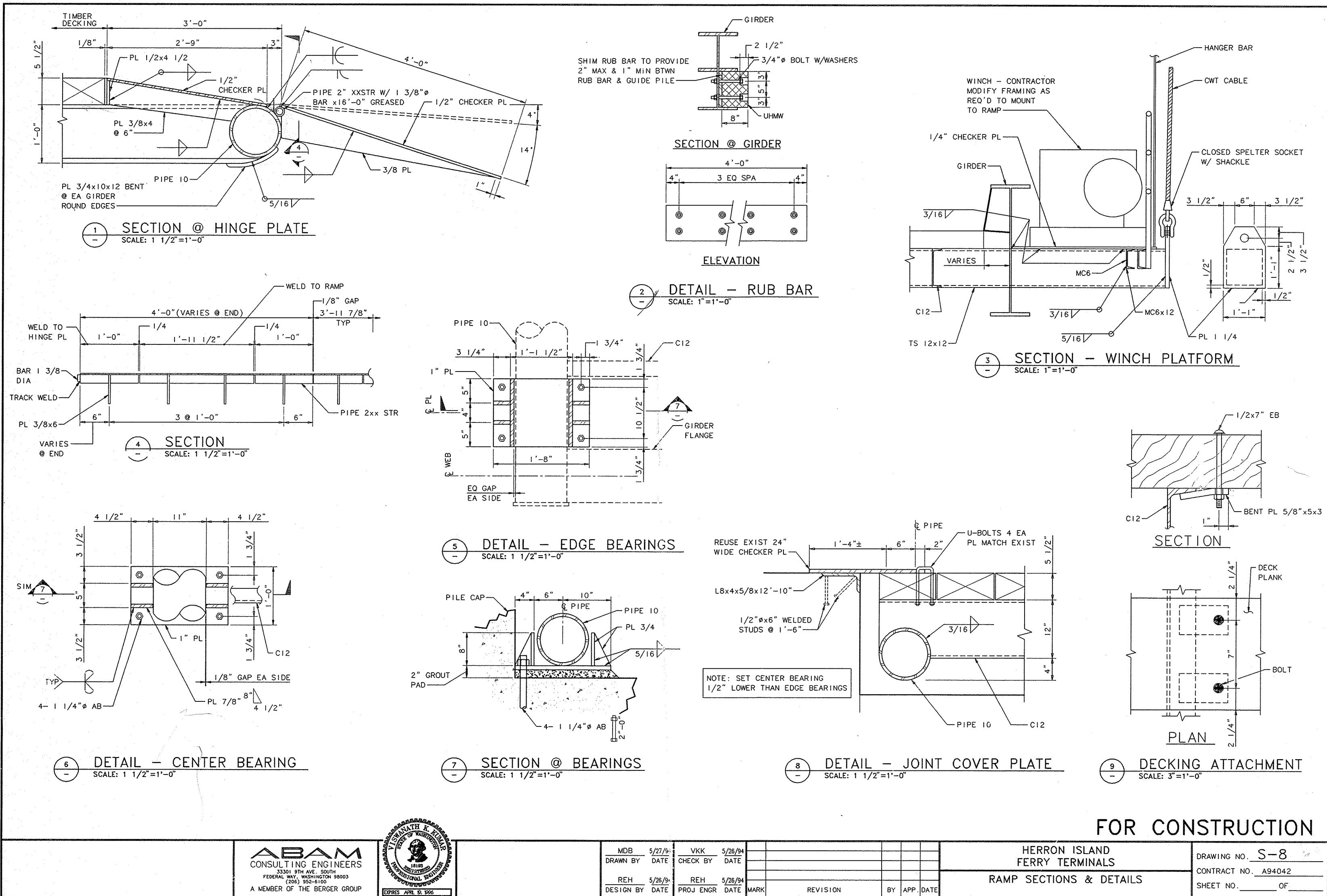
NOTES

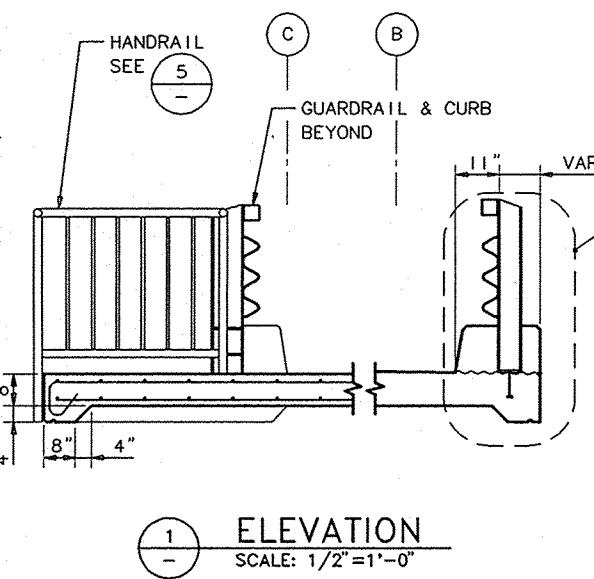
THE RAMP LIFTING SYSTEM SHALL BE CONTRACTOR DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF WASHINGTON. THE LIFTING SYSTEM AND ITS CONTROLS SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

1. PROVIDE A COUNTERWEIGHT AT EACH TOWER. THE ACTUAL WEIGHT OF THE RAMP SHALL BE DETERMINED BY THE FABRICATOR AFTER THE RAMP IS FABRICATED AND PAINTED. FOR BIDDING PURPOSES, ASSUME A COUNTERWEIGHT OF THE SIZE SHOWN WITH STEEL PUNCHINGS EMBEDDED IN THE MIX TO ACHIEVE AN AVERAGE UNIT WEIGHT OF 180 pcf. PROVIDE 2000 LBS OF LOOSE PUNCHINGS EACH COUNTERWEIGHT TO FIT IN THE VOID ON TOP OF EACH COUNTERWEIGHT FOR FINAL BALANCING. FINAL BALANCING SHALL OCCUR WITH THE TIMBER DECK INSTALLED AT A MOISTURE CONTENT OF 19%. PROVIDE ENERGY ABSORBING BUMPERS AT TOP OF TOWER. THE COUNTERWEIGHT SHALL OPERATE WITHIN THE RANGE NOTED.
 2. PROVIDE A 3-TON, DOUBLE-DRUM WINCH (SEE SPECIFICATIONS) MOUNTED IN THE APPROXIMATE LOCATION SHOWN WITH THE FOLLOWING MINIMUM FEATURES:
 - * MINIMUM LIFTING SPEED = 3 FPM AT END OF RAMP.
 - * A SPRING-SET, POWER RELEASE BRAKE ON THE DRUMS. THE BRAKE SHALL BE CAPABLE OF HOLDING A 52,000 LB VEHICLE LOCATED AT THE END OF THE RAMP.
 - * A MANUAL CONTROL IN A WEATHER PROOF LOCKING BOX OPERABLE FROM THE WALKWAY LOCATED AS SHOWN ON THE ELECTRICAL DRAWINGS.
 - * A RADIO OPERATED CONTROL FIXED IN THE FERRY PILOTS ROOM.
 - * PROVIDE THREE (3) HAND HELD, RADIO OPERATED CONTROLS.
 - * THE WIRE ROPE SHALL BE 5/8"Ø 6x37 IWRC EXTRA IMPROVED PLOW STELL
 - * MANUAL CRANK TO RAISE & LOWER RAMP WITH A MANUAL BRAKE RELEASE.
 - * CENTER WINCH UNDER HEAD BEAM SHEAVE TO INSURE 1 1/2° MAX FLEET ANGLE AT HIGH TIDE
 3. PROVIDE TENSIONING COUNTERWEIGHTS AT EACH TOWER PER 
 4. PROVIDE A STOP BLOCK TO ENGAGE THE TENSIONING COUNTERWEIGHT. LOCATE TO CLEAR MAIN CWT CABLE.
 5. PROVIDE A FLASHING LIGHT AND AUDIBLE ALARM OPERATED BY MAGNETIC SWITCHES (SEE SPECS) TO INDICATE WHEN THE TENSIONING COUNTERWEIGHT IS BEYOND THE OPERATING RANGE. PAINT THE GUIDE ANGLES YELLOW AS NOTED TO INDICATE OPERATING RANGE.
 6. PROVIDE 3/4"x4" GALVANIZED FLAT BAR HANGERS WITH SHACKLES TOP AND BOTTOM TO ATTACH THE BLOCKS TO THE RAMP. SET DIM "B"=1/4 (DIM "A") TO KEEP LINE LENGTH EQUAL FOR BOTH SIDES OF RAMP.
 7. PROVIDE 17 TON, BOLT TYPE ANCHOR SHACKLES. SEE DETAIL 
 8. SHEAVE LAYOUT AND SIZES ARE SCHEMATIC CONTRACTOR SHALL DESIGN SHEAVE, LAYOUT AND PROVIDE LUBRICATION SYSTEM PER SPECS.
 9. SEE DRAWING S-1 FOR A DESCRIPTION OF RAMP OPERATIONS.

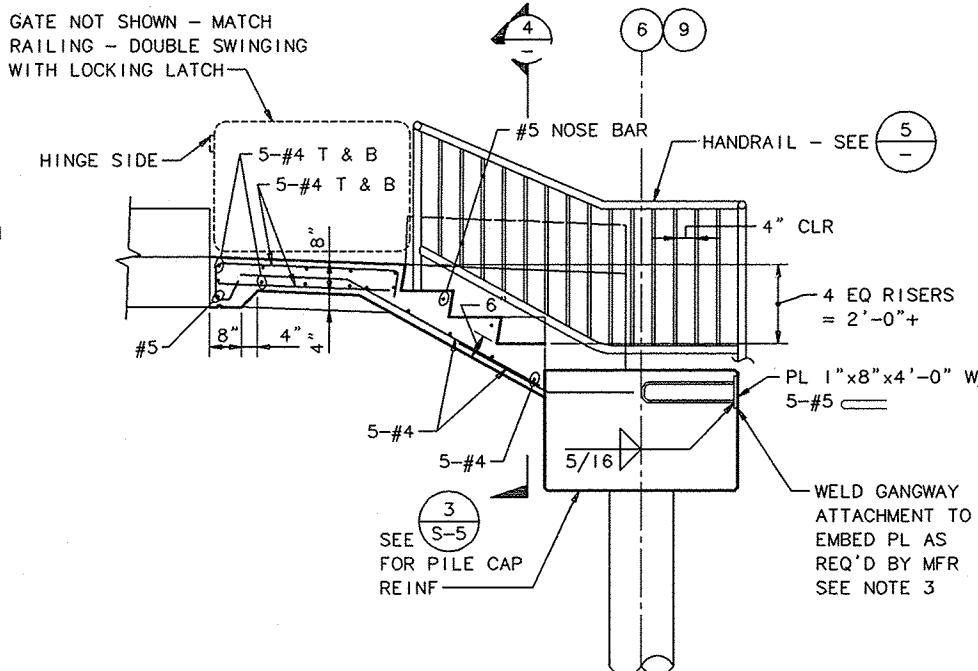
FOR CONSTRUCTION

												FOR CONSTRUCTION					
 <p>ABAM CONSULTING ENGINEERS 33301 15TH AVE. SOUTH FEDERAL WAY, WASHINGTON 98003 (206) 952-6100 A MEMBER OF THE BERGER GROUP</p>			 <p>STATE OF WASHINGTON PROFESSIONAL ENGINEER REGISTRATION 18183</p>			<p>MDB 5/27/94 DRAWN BY _____ REH 5/26/94 DESIGN BY _____</p>			<p>VKK 5/26/94 CHECK BY _____ REH 5/26/94 PROJ. ENGR. DATE _____</p>			<p>MARK _____</p>			<p>HERRON ISLAND FERRY TERMINAL</p>		DRAWING NO. <u>S-7</u>
												RAMP TOWER LAYOUT & NOTES				CONTRACT NO. <u>A94042</u>	
																SHEET NO. <u> </u> OF <u> </u>	

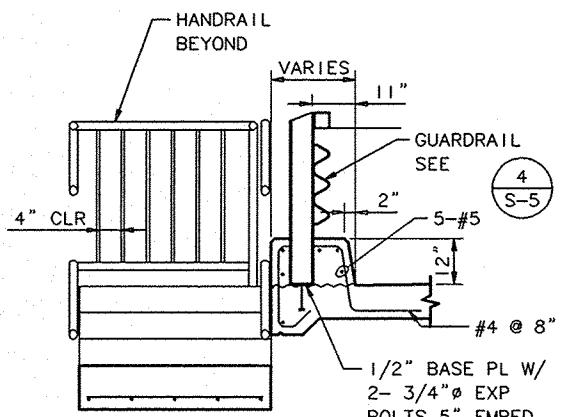




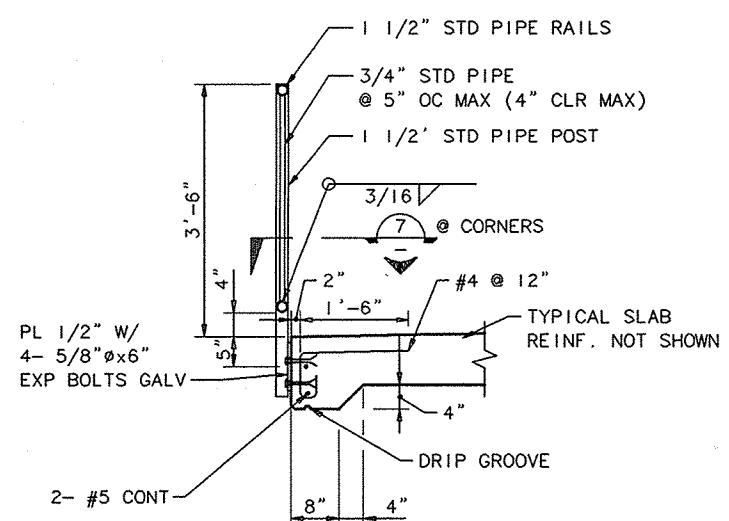
ELEVATION



SECTION @ STAIRS

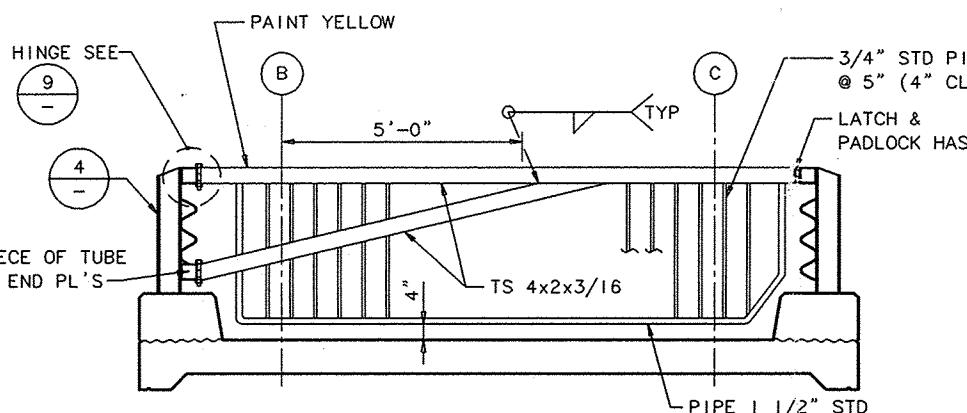


SECTION

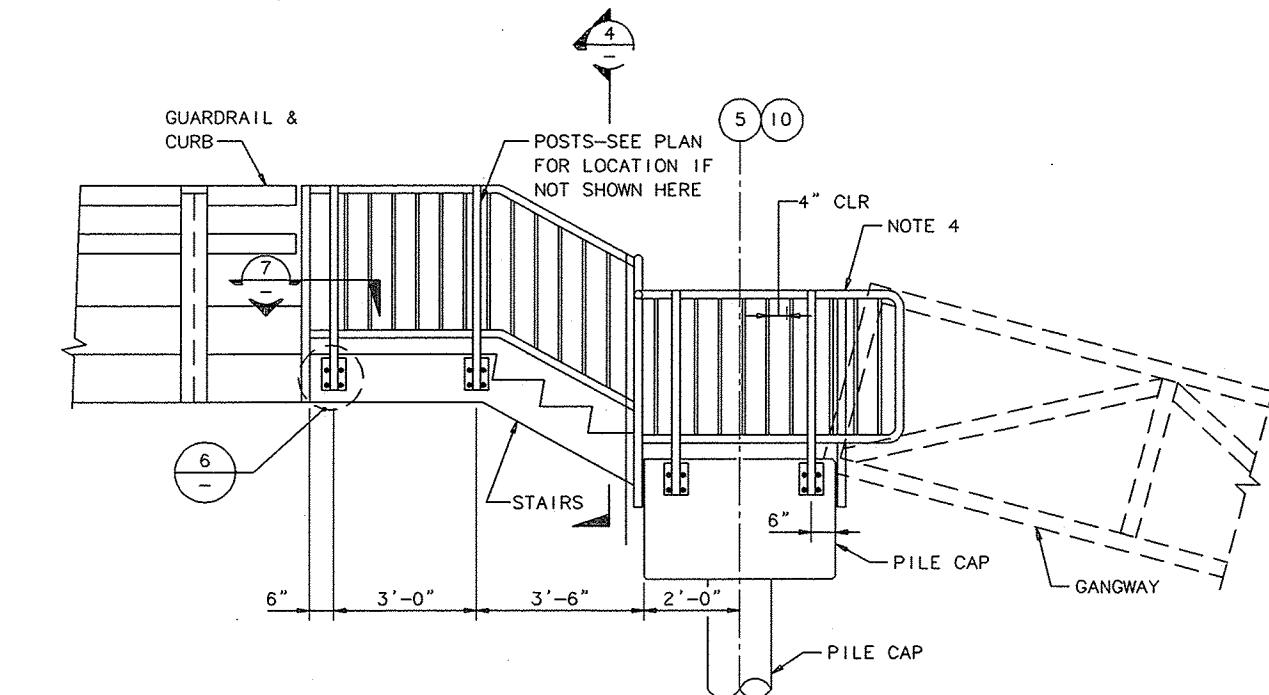


SECTION @ HANDBRAIL

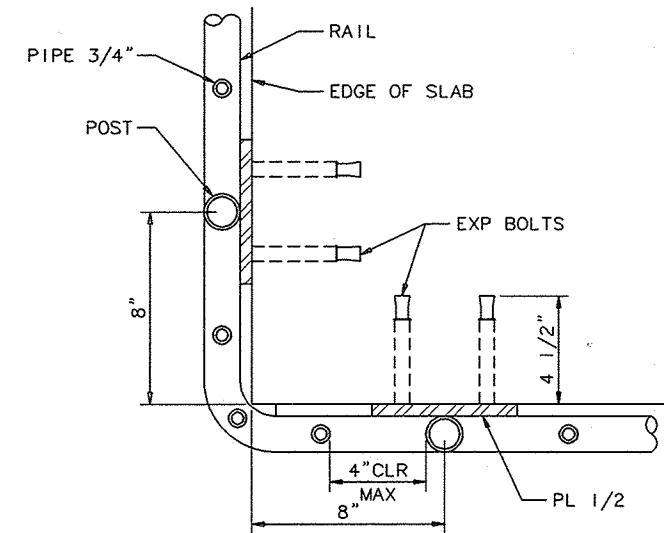
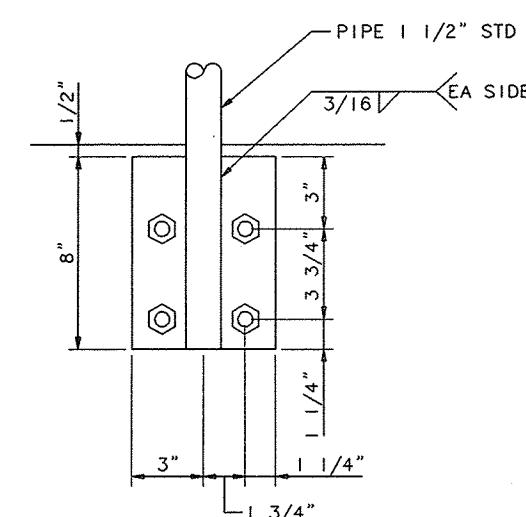
- NOTES:**
1. ALL HANDRAILS SHALL CONFORM TO UBC SECTION 3306. GUARDRAILS PER UBC 1712(a).
 2. GALVANIZE ALL HANDRAILS, GUARDRAIL, INSERTS AND FASTENERS.
 3. COORDINATE ATTACHMENT OF GANGWAY TO EMBED PL. MODIFY PL AS REQUIRED AND SUBMITT TO ENGINEER FOR APPROVAL.
 4. COORDINATE GEOMETRY OF HANDRAILS TO INSURE OVERLAP OF HANDRAILS ON GANGWAY AND PIER AT ALL TIDAL ELEVATIONS.
 5. PLACE 3/16" END CAPS ON ALL EXPOSED PIPES & TUBES.



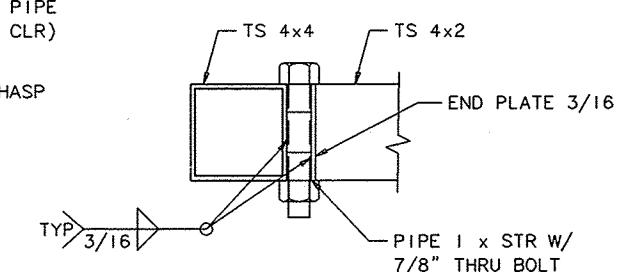
TRAFFIC GATE



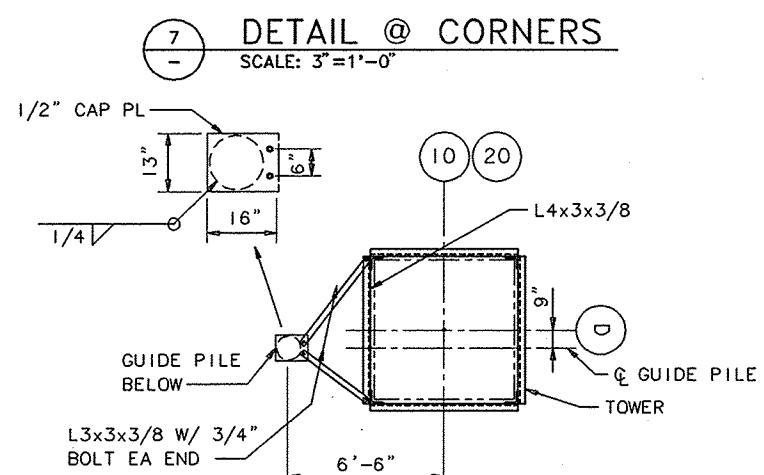
HANDBRAIL ELEVATION



DETAIL



HINGE



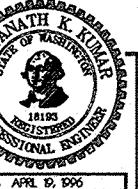
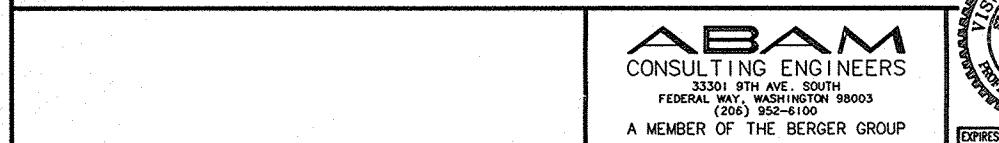
FOR CONSTRUCTION

HERRON ISLAND
FERRY TERMINALS

SECTIONS & DETAILS

DRAWING NO. **S-9**
CONTRACT NO. **A94042**

SHEET NO. _____ OF _____



EXPIRES APRIL 19, 1996

MDB 5/27/94
DRAWN BY _____
REH 5/26/94
DESIGN BY _____

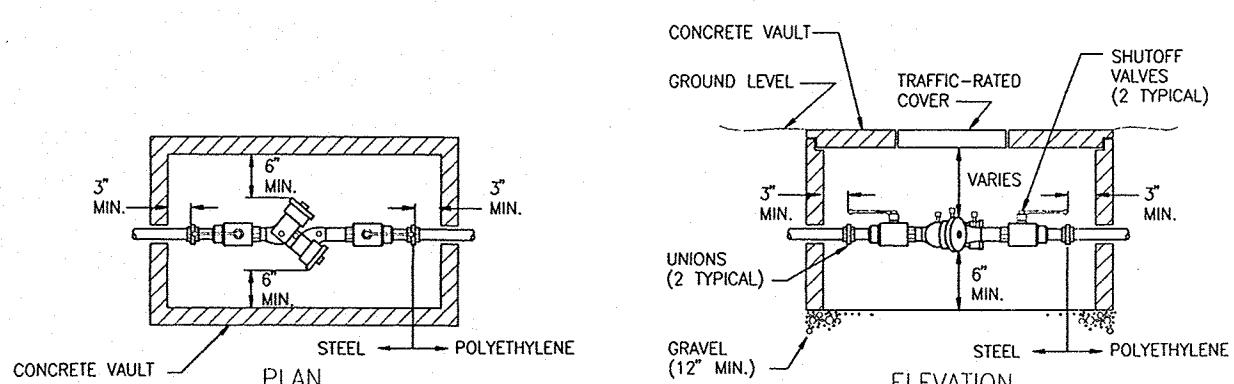
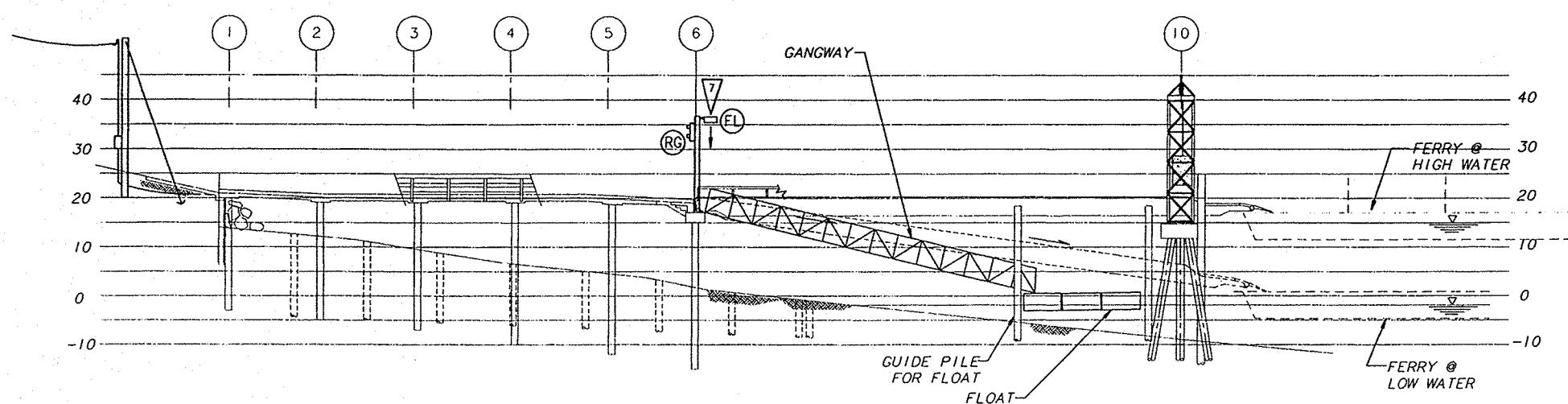
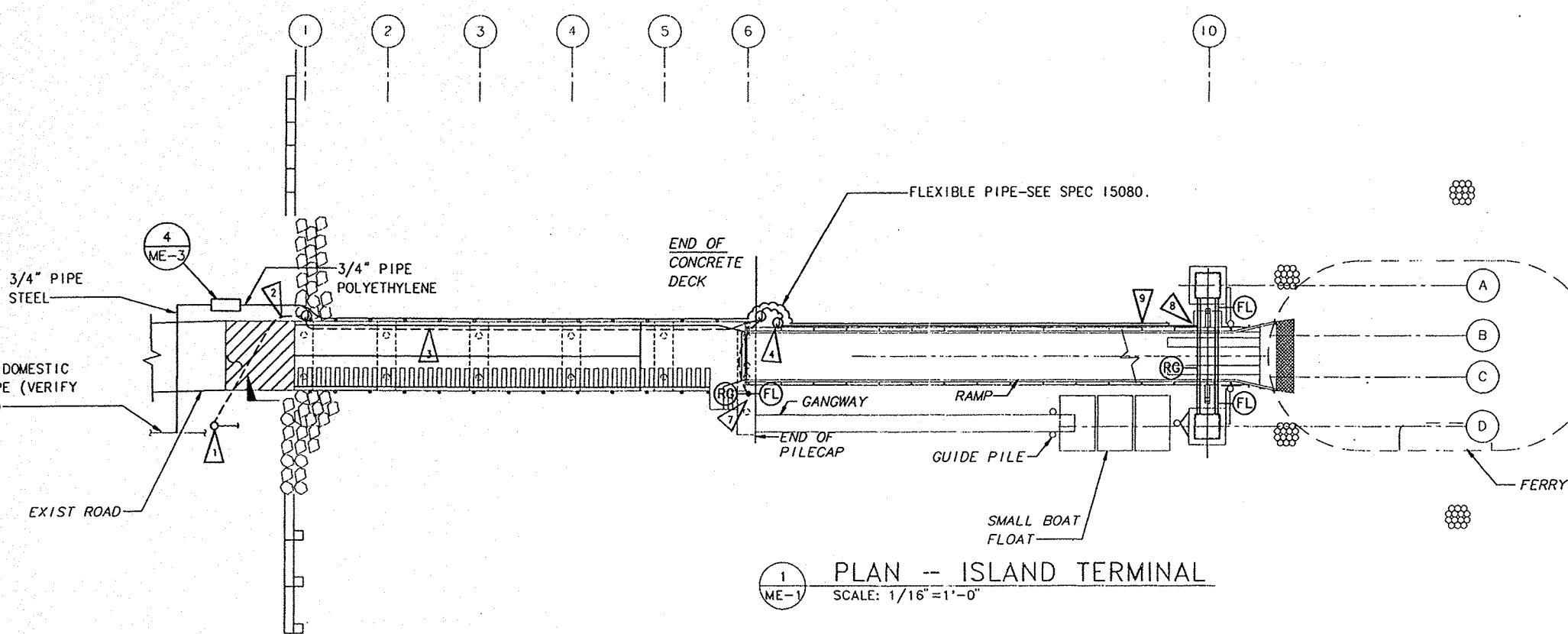
VKK 5/26/94
CHECK BY _____
REH 5/26/94
PROJ ENGR _____

DATE _____
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REH 5/26/94
PROJ ENGR _____
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DATE _____

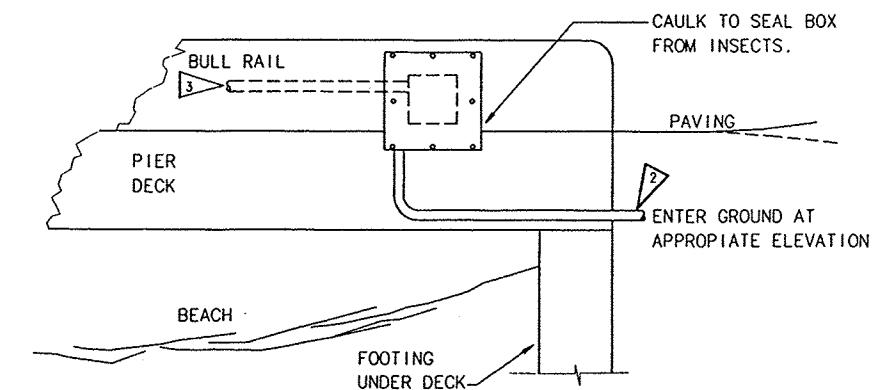
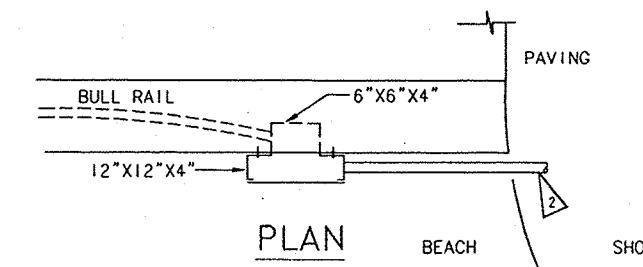
MARK _____

REVISION _____
BY APP. DATE _____



FLAG NOTES:

- 1 PROVIDE NEW 30 FOOT FULLY TREATED CLASS 5 POWER POLE, ANCHOR AND GUY. SET POLE 5 FEET DEEP. PROVIDE COMBINATION METER SOCKET AND 100 AMPERE 2 POLE MAIN CIRCUIT BREAKER ON POLE. PROVIDE 1-1/4" GALV. RIGID STEEL CONDUIT (GRS) UP POLE WITH 3-#2 COPPER AND WEATHERHEAD AT TOP OF POLE. PROVIDE INSULATOR RACK BELOW WEATHERHEAD. ARRANGE FOR UTILITY TO CONNECT OVERHEAD SERVICE. PROVIDE SERVICE GROUND WITH TWO GROUND RODS.
- 2 1-1/4" PLASTIC COATED GRS 24" UNDER ROAD TO AN EXTENSION BOX OVER PULL BOX FLUSHED INTO BULL RAIL OF NEW PIER. 3-#2 XHHW PLUS #8 THW GROUND.
- 3 1-1/4" GRS EMBEDDED IN CONCRETE BULL RAIL, 3-#2 XHHW AND #8 THW GROUND.
- 4 1-1/4" SEAL TIGHT FLEX FROM EXTENSION BOX OVER PULL BOX IN FACE OF PIER TO RAMP. SURFACE BOXES AND EXTENSION BOXES SHALL BE PLASTIC COATED STEEL AS SPECIFIED.
- 5 1-1/4" PLASTIC COATED GRS, 3-#2, 1-#8, 4-#12 TO PANEL A.
- 6 3/4" GRS EMBEDDED IN CONCRETE TO BASE OF LIGHT POLE; 4-#12.
- 7 16 FOOT 4" SQUARE STEEL LIGHT POLE GALVANIZED AFTER FABRICATION. TOP CAP, SIDE MOUNT LIGHT FIXTURE FL TO SEAWARD, TRAFFIC SIGNAL TOWARD BEACH.
- 8 SEE DWG E-3 FOR WIRING AT END OF RAMP.
- 9 PROVIDE 3/4" WATER PIPE FROM EXISTING WATER SERVICE VIA ROUTE SHOWN ON PIER TO A HOSE BIB FAUCET NEAR WINCH PLATFORM. PROVIDE SHUT OFF/DRAIN VALVE WHERE PIPE LEAVES BACK FLOW PREVENTING TO PERMIT SHUT OFF AND AIR INTAKE TO PIPES WHEN DRAINED. INSULATE BACKFLOW PIT FROM FREEZING. SUPPORT PIPING ON SIDE OF PIER AND RAMP WITH SLIGHT SLOPE TO DRAIN.



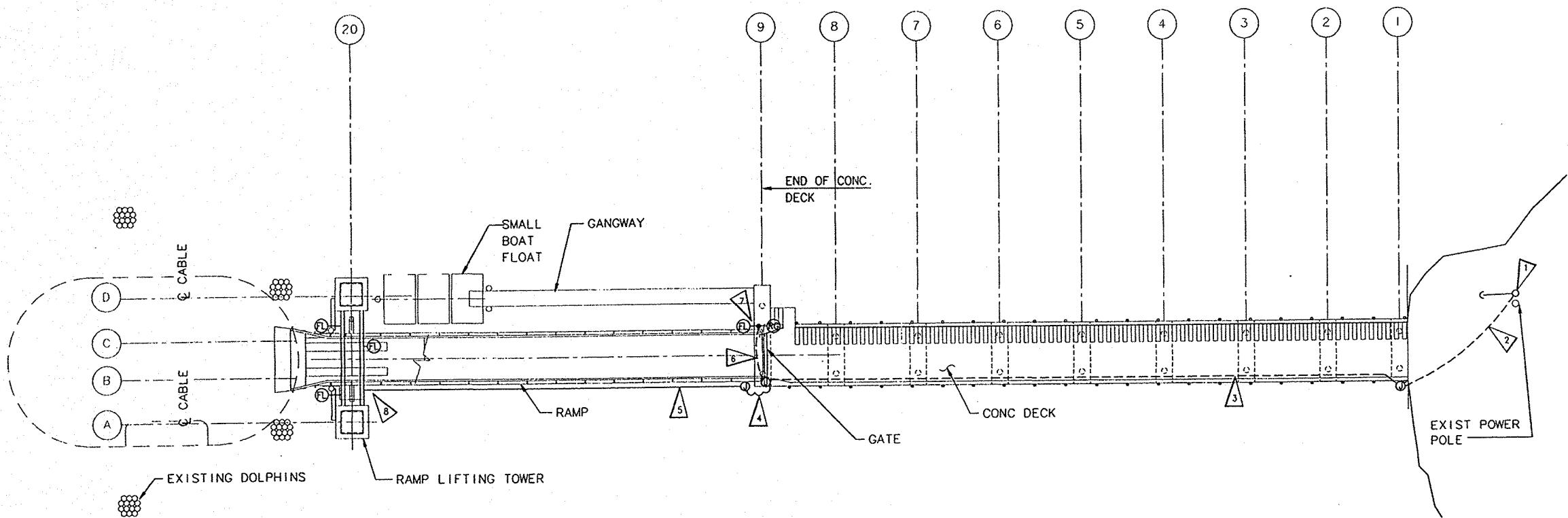
DETAIL AT PIER TO UNDERGROUND

SCALE: 1" = 1'-0"

ABAM CONSULTING ENGINEERS 3330 15TH AVE. SOUTH FEDERAL WAY, WASHINGTON 98003 A MEMBER OF THE BERGER GROUP	THEODORE J. CRONIN P.E. REGISTERED PROFESSIONAL ENGINEER SERIAL NO. 15-26149	ABF 5/26/94 DRAWN BY DATE	TJC 5/26/94 CHECK BY DATE					HERRON ISLAND FERRY TERMINALS	DRAWING NO. M&E-1
		TJC 5/26/94 DESIGN BY DATE	REH 5/26/94 PROJ ENGR DATE	MARK	REVISION	BY APP. DATE	MECHANICAL & ELECTRICAL PLAN	ISLAND TERMINAL	CONTRACT NO. A94042

SHEET NO. 15 OF 18

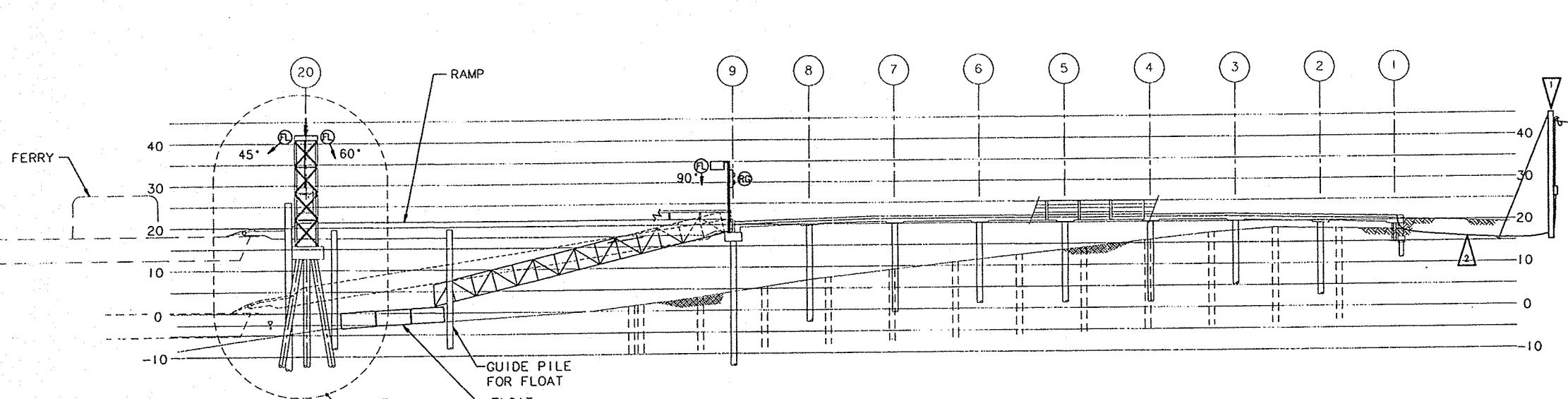
N
PROJECT
NORTH



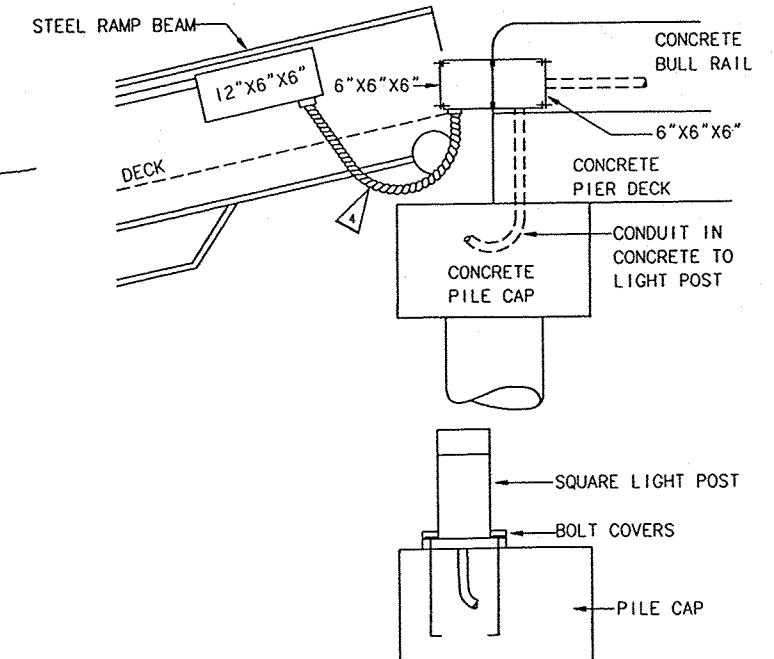
PLAN - MAINLAND TERMINAL
SCALE: 1/16" = 1'-0"

FLAG NOTES:

- REMOVE EXISTING SERVICE POLE. PROVIDE NEW 30 FOOT FULLY TREATED CLASS 5 POWER POLE, ANCHOR AND GUY. SET POLE 5 FEET DEEP. PROVIDE COMBINATION METER SOCKET AND 100 AMPERE 2 POLE MAIN CIRCUIT BREAKER ON POLE. PROVIDE 1-1/4" GALV. RIGID STEEL CONDUIT (GRS) UP POLE WITH 3-#2 COPPER AND WEATHERHEAD. PROVIDE INSULATOR RACK BELOW WEATHERHEAD. ARRANGE FOR UTILITY TO CONNECT OVERHEAD SERVICE. PROVIDE SERVICE GROUND WITH TWO GROUND RODS.
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- 1-1/4" GRS EMBEDDED IN CONCRETE BULL RAIL, 3-#2 XHHW AND #8 THW GROUND.
- 1-1/4" SEAL TIGHT FLEX FROM EXTENSION BOX OVER PULL BOX IN FACE OF PIER TO RAMP SURFACE BOXES AND EXTENSION BOXES SHALL BE PLASTIC COATED STEEL AS SPECIFIED.
- 1-1/4" PLASTIC COATED GRS, 3-#2, 1-#8, 4-#12 TO PANEL A.
- 3/4" GRS EMBEDDED IN CONCRETE TO BASE OF LIGHT POLE; 4-#12.
- 16 FOOT 4" SQUARE STEEL LIGHT POLE GALVANIZED AFTER FABRICATION. TOP CAP, SIDE MOUNT LIGHT FIXTURE FL TO SEAWARD, TRAFFIC SIGNAL TOWARD BEACH.
- SEE DWG E-3 FOR WIRING AT END OF RAMP.



ELEVATION - MAINLAND TERMINAL
SCALE: 1/16" = 1'-0"



DETAIL AT PIER TO RAMP JOINT
ELEVATION AT GRID (9)
SCALE: 1" = 1'-0"

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NOVEMBER 26, 1994

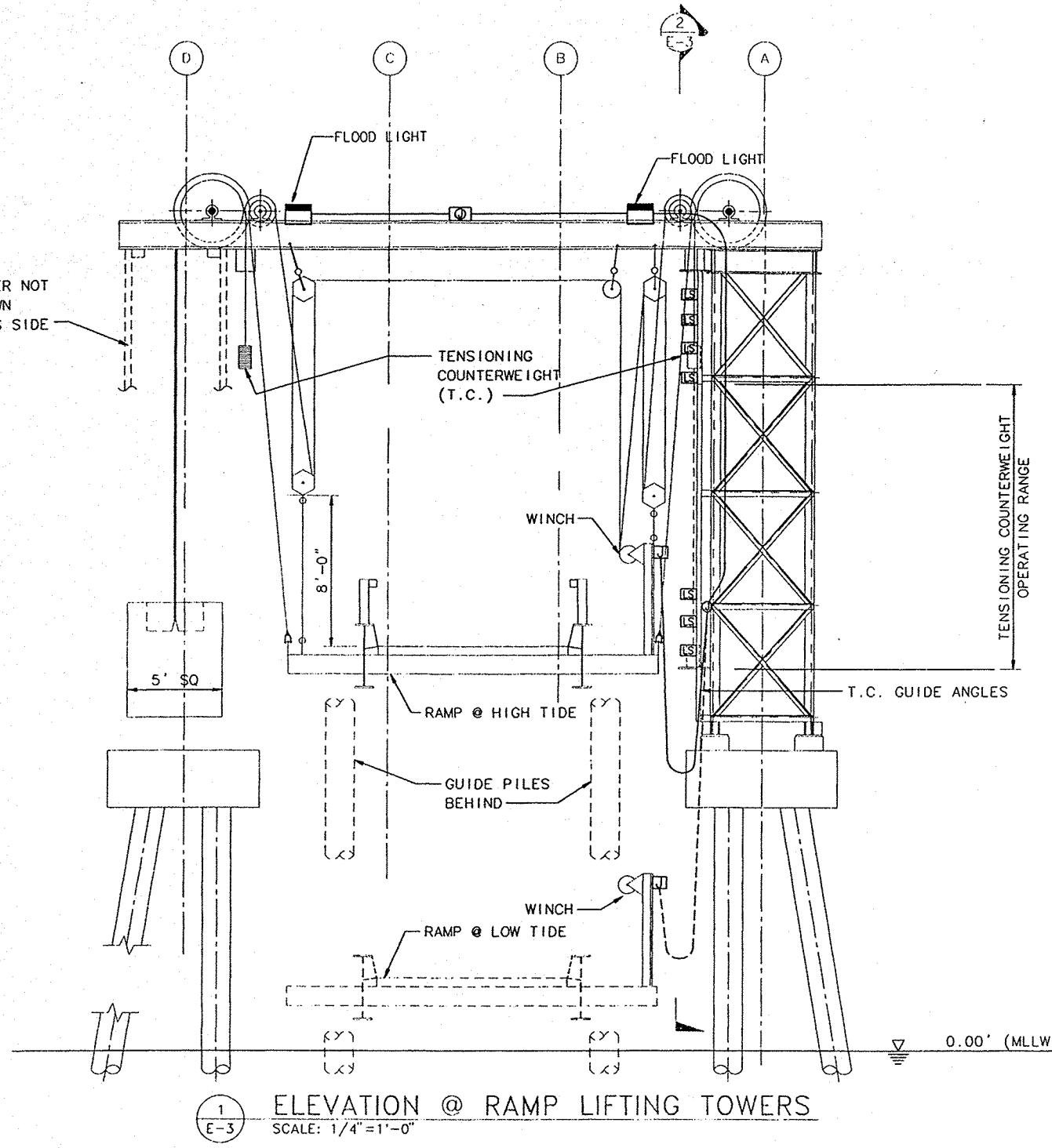
ABF	5/26/94	TJC	5/26/94					
DRAWN BY	DATE	CHECK BY	DATE					
TJC	5/26/94	RE.H	5/26/94	DESIGN BY	DATE	PROJ ENGR	DATE	MARK

HERRON ISLAND
FERRY TERMINALS

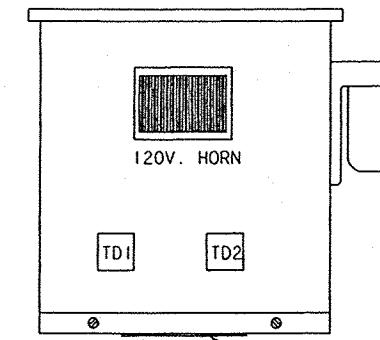
MAINLAND TERMINAL
ELECTRICAL PLAN

DRAWING NO. E-2
CONTRACT NO. A94042

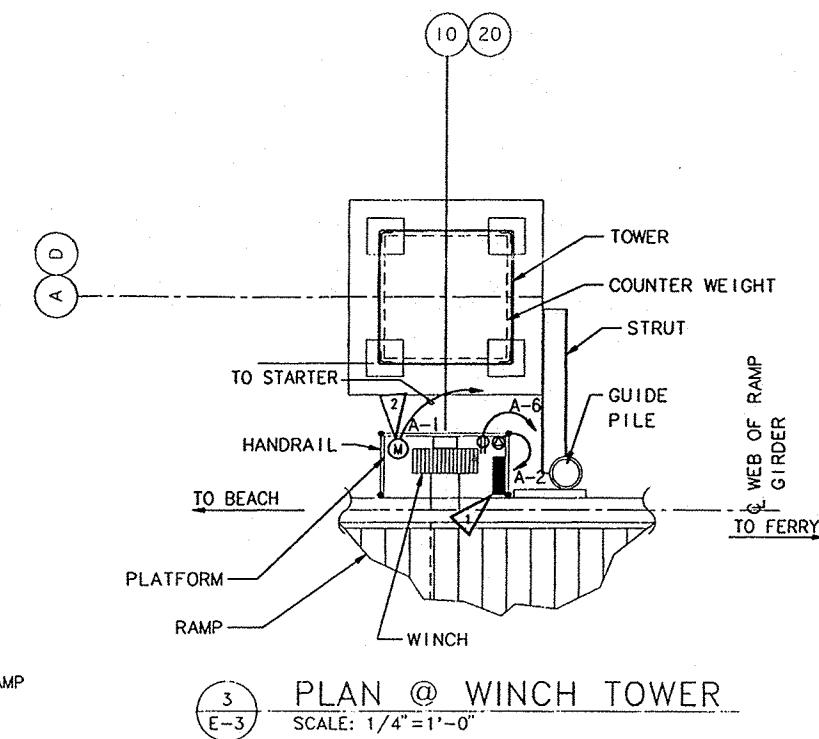
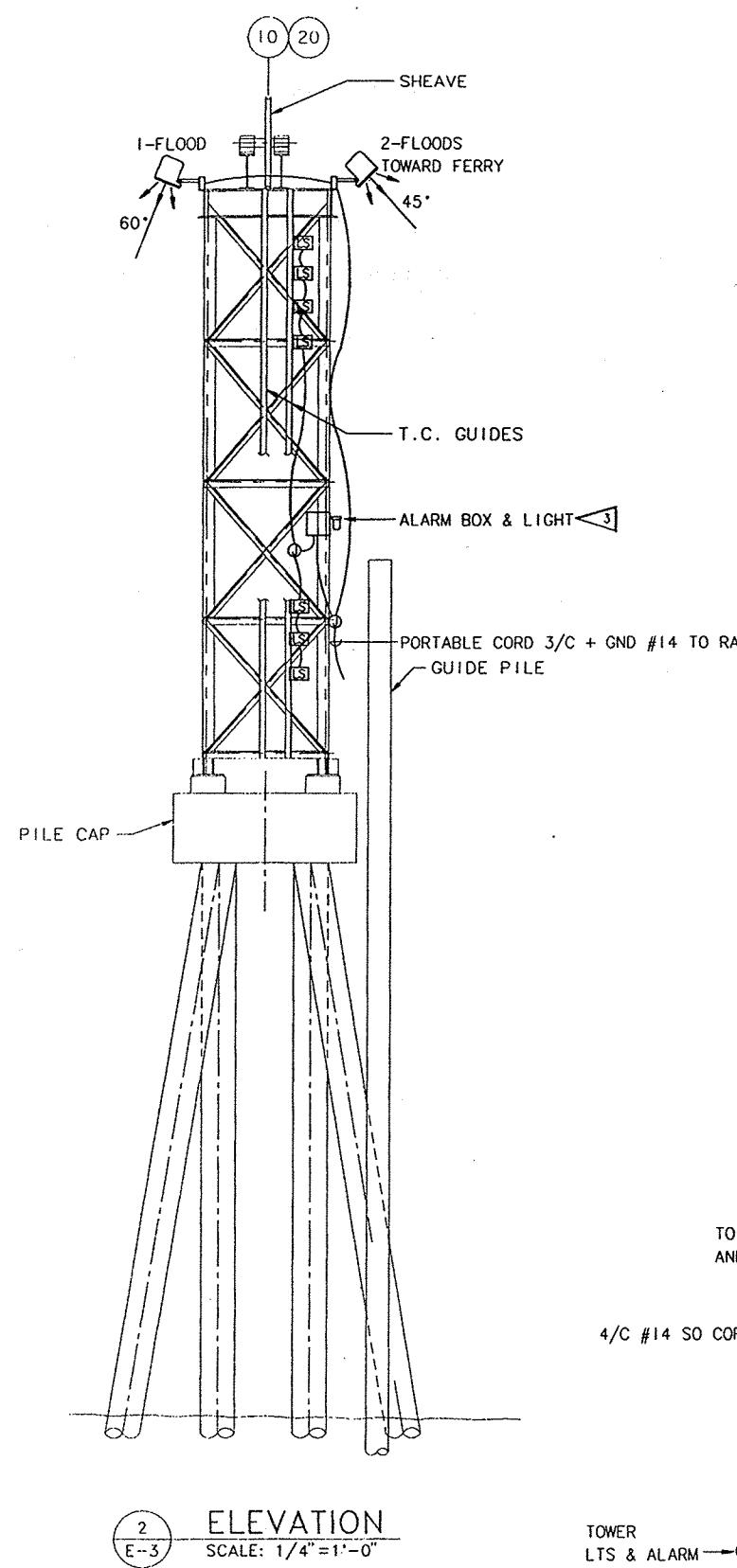
SHEET NO. 16 OF 18



T D RELAYS
 #JCK-12-V20
 PROVIDE PLUG-IN SOCKET
 0.3 TO 30 SECONDS
 OFF DELAY.
 SET TD1 FOR 6 SECONDS
 SET TD2 FOR 20 SECONDS
 OF HORN AFTER ENERGIZATION

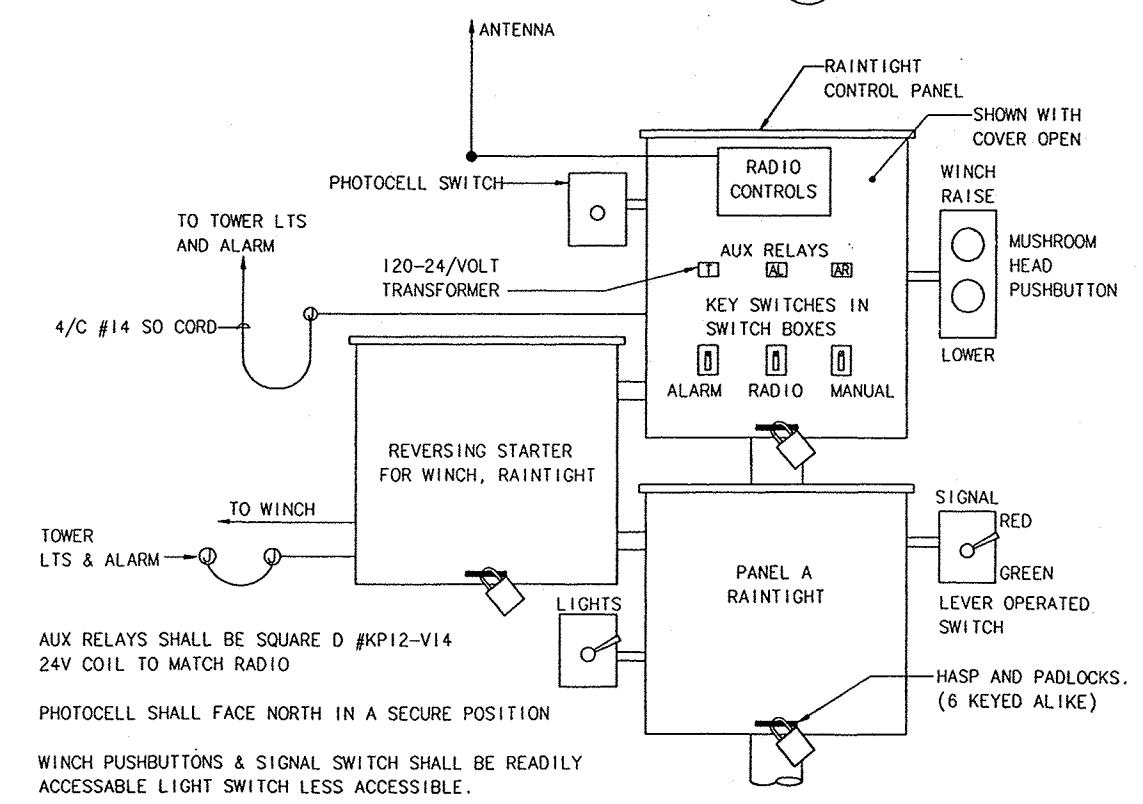


**ALARM PANEL SHOWN WITH
FRONT COVER REMOVED**
SCALE: 1/4" = 1'-0"



FLAG NOTES:

- 1 △ PANELS CONTAINING ELECTRICAL EQUIPMENT - SEE ELEVATION
- 2 △ WINCH MOTOR
- 3 △ ALARM PANEL FOR TENSIONING COUNTERWEIGHT RELAYS AND HORN WITH ALARM LIGHT MOUNTED TO ITS SIDE. SEE DETAIL



ABF	5/26/94	TJC	5/26/94					
DRAWN BY	DATE	CHECK BY	DATE					
DESIGN BY	DATE	PROJ ENGR	DATE	MARK	REVISION	BY	APP.	DATE

**HERRON ISLAND
FERRY TERMINAL**
RAMP & TOWER ELECTRICAL DETAILS

DRAWING NO. **E-3**
CONTRACT NO. **A94042**
SHEET NO. **17 OF 18**

LIGHTING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION & MFGR.	LAMP
(L)	GE #SBF-50 -HPS-120 HIGH POWER FACTOR WIDE BEAM OUTDOOR FLOODLIGHT	50 HPS
	AIMING: FIXTURE FACING FERRY SHALL BE AIMED 45 DEGREES DOWN SO THEY CAN BE SEEN FROM DISTANT BOATS BUT NOT BLIND FERRY OPERATOR. FIXTURE AT SHORE END OF RAMP SHALL BE AIMED 90° STRAIGHT DOWN LIKE A CUT-OFF STREET LIGHT SO IT WILL NOT GLARE TO THE BEACH. IT SHALL LIGHT THE FLOAT AND ITS RAMP AS WELL AS THE PIER.	
(R)	RED & GREEN TRAFFIC LIGHT. CROUSE-HINDS OR EQUAL 8" DIA. LENS, POLYCARBONATE YELLOW BODY	40 WATT LONG LIFE
(Y)	YELLOW FLASHING LIGHT. PRESCOLITE WB 44 WITH FLASHER AND YELLOW BUG LIGHT, POLYCARBONATE DIFFUSER.	75 WATT

ELECTRICAL SYMBOL LEGEND

LS LIMIT SWITCH - SEALED MAGNETIC TYPE, 5 AMPERE CONTACT, 120 VOLT, SUITABLE FOR A MARINE ENVIRONMENT. CONTACT SHALL CLOSE UPON SENSING STEEL. INSTALL WHERE STEEL COUNTERWEIGHT WILL CAUSE PICKUP, BUT WHERE THE FIXED STRUCTURE DOES NOT AFFECT PICK-UP AND DROP-OUT.

RAINTIGHT DUPLEX RECEPTACLE. 120 VOLT GROUNDING TYPE.

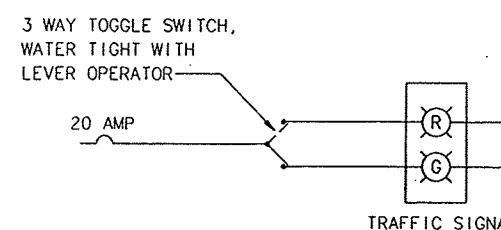
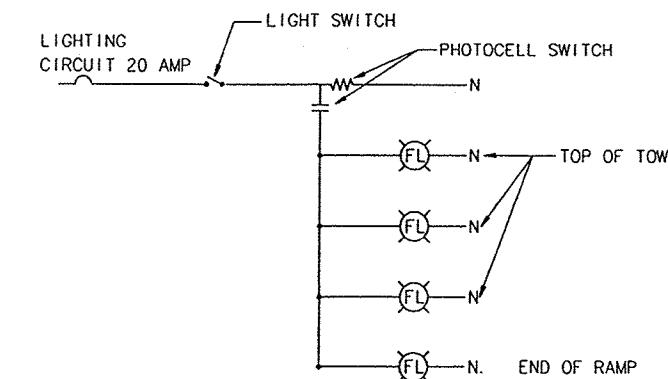
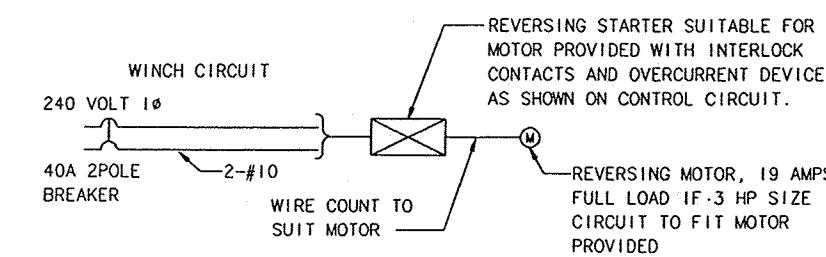
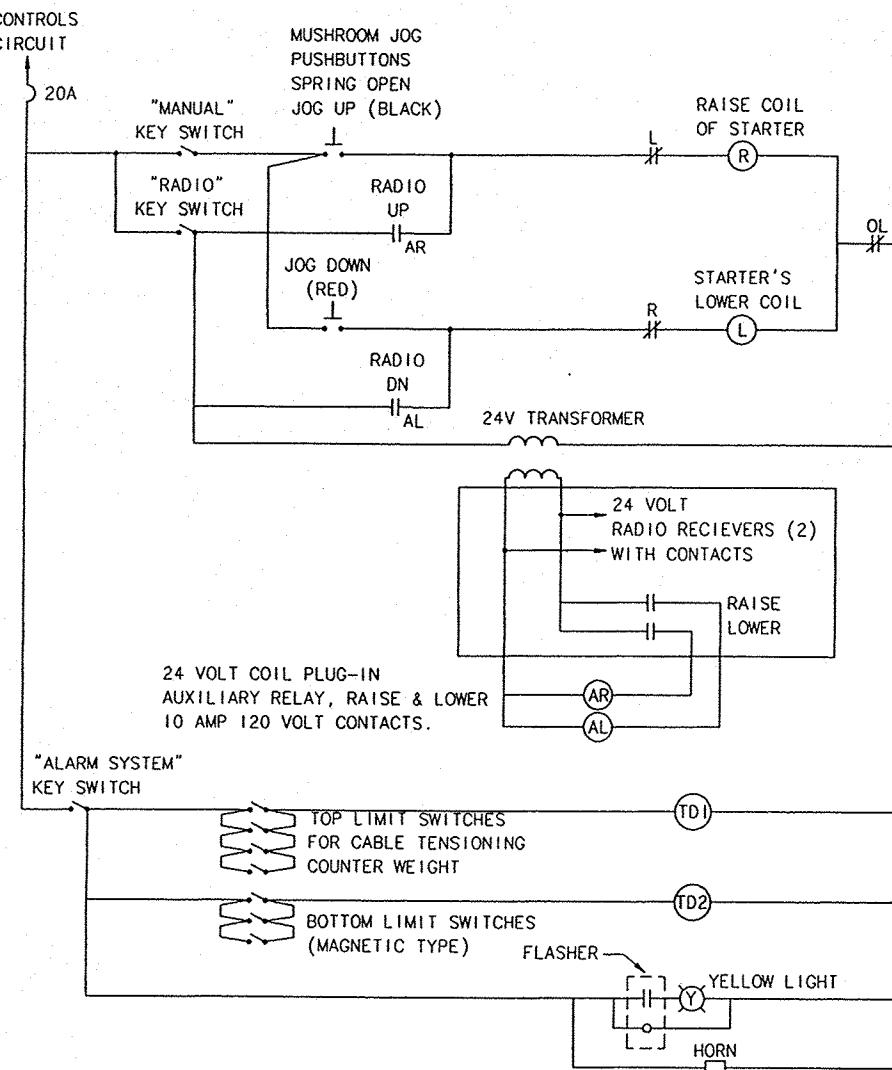
RAINTIGHT SINGLE 20 AMP 3 POLE 4 WIRE TWISTLOCK FOR PHASE A, PHASE B, NEUTRAL AND GROUND. PROVIDE TWO PLUGS TO FIT TWISTLOCK RECEPTACLES. NEMA STYLE L14-20R AND L14-20P.

JUNCTION BOX. GALVANIZED STEEL WHERE IMBEDDED IN CONCRETE, PLASTIC COATED STEEL WHERE SURFACE ON PIER.

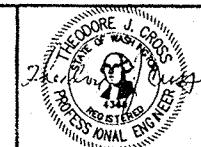
SWITCH, WEATHERPROOF.

CONDUIT SURFACE, PLASTIC COVERED RIGID STEEL ON PIER.

GRS CONDUIT IMBEDDED IN CONCRETE OR PLASTIC COVERED RIGID STEEL UNDERGROUND.



2 PANELS IDENTICAL		PANEL SCHEDULE				NEMA 3R COPPER BUS			
SURFACE MOUNTING 10,000 AIC									
NO.	A	LOCATION: PIERS - SERVING:		120/240 VOLTS 1PH 3WIRE 100 AMPS WITH 100 MAIN BREAKER					
		CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.
1	WINCH 3HP			3.5	40	20	1.5	(GFI) SHIP OUTLET ON RAMP	2
3					2	2			4
5	CONTROL CIRC			0.1	20	20	.1	ALARM CIRC	6
7	RAMP OUTLET (GFI)			0.2*	20	20	.3	LIGHTING	8
9	SPACE							SPACE	10
11	SPACE							SPACE	12
REMARKS:				CONNECTED LOAD:		5.7 KVA	24 AMPS		
* GFI BREAKERS				DEMAND LOAD:		7.1 KVA	30 AMPS		



Appendix B – Environmental Permits

HERRON ISLAND TERMINALS
LIFT SPAN PAINTING

HMC Management



Washington Department of
FISH and WILDLIFE

HYDRAULIC PROJECT APPROVAL

Washington Department of
Fish & Wildlife
PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

Issued Date: March 24, 2015

Permit Number: 2015-6-186+01

Project End Date: December 31, 2016

FPA/Public Notice Number: N/A

Application ID: 1773

PERMITTEE	AUTHORIZED AGENT OR CONTRACTOR
Pierce County ATTENTION: Claudia Ellsworth 901 West Yew Boulevard PO Box 119 Lakebay, WA 98349	Widener & Associates ATTENTION: Ross Widener 10108 32nd Ave W, Ste D Everett, WA 98204-1302

Project Name: Lift Span Painting Herron Island Ferry Terminals

Project Description: The proposal involves painting of the lift span at both ferry terminals. This includes, but is not limited to: girders, floor beams, hanger beams, stringers, diagonal bracing, bearings, and connections. In addition sections of decking and grating will be removed and replaced as necessary. This work is only for routine maintenance and will not involve any new structures or change in use of the property. No in-water work is required.

PROVISIONS

TIMING WINDOW(S):

1. Work waterward of the ordinary high water line (OHWL) shall not occur from March 15 through June 14 of any year for the protection of migrating juvenile salmonids.

NOTIFICATION REQUIREMENTS:

2. The Area Habitat Biologist (AHB: Matt Curtis; email: matthew.curtis@dfw.wa.gov or fax: 360-902-2496) shall receive written notification from the person to whom this HPA is issued (permittee) or the agent/contractor no less than three working days prior to the start of construction. Applicant shall contact the AHB at the conclusion of project. All notifications shall include the permittee's name, project location, starting date for work, and the control number for this HPA.
3. Officer Summit shall receive written notification (e-mail: jeffrey.summit@dfw.wa.gov or FAX: 360-876-1894) from the person to whom this HPA is issued (permittee) or the agent/contractor no less than three working days prior to start of work, and again within seven days of completion of work to arrange for a compliance inspection. The notification shall include the permittee's name, project location, starting date for work or completion date of work, and the control number for this HPA.
4. If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or water quality problems develop (including equipment leaks or spills), work shall stop immediately except for efforts to control the spill and prevent additional toxic substances from entering the water. Immediate notification shall be made to the Washington Military Department's Emergency Management Division at 1-800-258-5990, and to the Area Habitat Biologist listed above.
5. The permittee, agent or contractor shall contact WDFW by e-mail: HPAapplications@dfw.wa.gov; mail: PO Box 43234, Olympia, Washington 98501; or fax: 360-902-2946 within seven days of work completion. The notification shall include the permittee's name, project location, completion date for the work, and the HPA control number. WDFW may conduct a compliance inspection; however, WDFW will notify the permittee or agent prior to the inspection.

APPROVED PLANS:

6. Except as modified by this HPA, work shall be accomplished per plans and specifications approved by WDFW



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entitled "Lift Span Painting Herron Island Ferry Terminals" and received by WDFW February 4, 2015. A copy of these plans shall be available on site during construction.

7. This HPA authorizes the following activities:

a.) Painting of the lift span at both Herron Island ferry terminals, including the girders, floor beams, hanger beams, stringers, diagonal bracing, bearings, and connections. Other parts not listed here may be painted provided doing so does not violate the provisions listed in this permit.

b.) Replacement of sections of decking and grating as noted in the approved plans.

PILE REMOVAL:

8. This HPA is for repair or replacement of the existing structures only and shall not result in expansion of the structure.

9. The existing structures to be replaced shall be removed and disposed of at an approved site.

10. Sawdust, drillings, and trimmings from treated wood shall be contained with tarps or other impervious materials and prevented from contact with the beach, bed or waters of the state.

11. Use of equipment, stockpiling of excavated materials, and all other project activities shall be conducted from the landward side of the project.

HABITAT FEATURES:

12. All natural habitat features on the beach larger than 12 inches in diameter, including trees, stumps, logs, and large rocks, shall be retained on the beach following construction. These habitat features may be moved during construction if necessary.

13. Beach area depressions created during project activities shall be reshaped to preproject beach level upon project completion.

14. Eelgrass and kelp shall not be adversely impacted due to any project activities (e.g., barge shall not ground, equipment shall not operate, and other project activities shall not occur in eelgrass and kelp).

15. Intertidal wetland vascular plants shall not be adversely impacted due to project activities (e.g., barge shall not ground, equipment shall not operate, and other activities shall not occur in intertidal wetland vascular plants). If such vegetation is adversely impacted, it shall be replaced using proven methodology.

16. Project activities shall be conducted to minimize siltation of the beach area and bed.

WATER QUALITY:

17. All debris or deleterious material resulting from construction shall be removed from the beach area and bed and prevented from entering waters of the state.

18. No petroleum products or other deleterious materials shall enter surface waters. An emergency spill containment kit must be located on site along with a pollution prevention plan detailing planned fueling, materials storage, and equipment storage. Waste storage areas must be prepared to address prevention and cleanup of accidental spills.

19. All equipment used on this site, including excavator, barge deck, and hand tools, shall be thoroughly cleaned before arriving at the site. Equipment shall also be clean after leaving the site and before moving to a new construction site. All water and chemicals used to clean equipment should be properly disposed of to prevent the spread of invasive species.

20. Project activities shall not degrade water quality to the detriment of fish life.

LOCATION #1:	Site Name: Herron Island Ferry Terminals , , WA	
WORK START:	March 24, 2015	WORK END: December 31, 2016



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<u>WRIA</u>		<u>Waterbody:</u>				<u>Tributary to:</u>	
15 - Kitsap		Wria 15 Marine					
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>	
	32	21 N	01 W	47.266994	-122.827514	Pierce	
<u>Location #1 Driving Directions</u>							

<u>LOCATION #2:</u>	Site Name: Herron Island Ferry Terminals , , WA							
<u>WORK START:</u>	March 24, 2015				<u>WORK END:</u>	December 31, 2016		
<u>WRIA</u>		<u>Waterbody:</u>				<u>Tributary to:</u>		
15 - Kitsap		Wria 15 Marine						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>		
	28	21 N	01 W	47.275319	-122.815408	Pierce		
<u>Location #2 Driving Directions</u>								

APPLY TO ALL HYDRAULIC PROJECT APPROVALS

This Hydraulic Project Approval pertains only to those requirements of the Washington State Hydraulic Code, specifically Chapter 77.55 RCW. Additional authorization from other public agencies may be necessary for this project. The person(s) to whom this Hydraulic Project Approval is issued is responsible for applying for and obtaining any additional authorization from other public agencies (local, state and/or federal) that may be necessary for this project.

This Hydraulic Project Approval shall be available on the job site at all times and all its provisions followed by the person(s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work.

This Hydraulic Project Approval does not authorize trespass.

The person(s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work may be held liable for any loss or damage to fish life or fish habitat that results from failure to comply with the provisions of this Hydraulic Project Approval.



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Failure to comply with the provisions of this Hydraulic Project Approval could result in a civil penalty of up to one hundred dollars per day and/or a gross misdemeanor charge, possibly punishable by fine and/or imprisonment.

All Hydraulic Project Approvals issued under RCW 77.55.021 are subject to additional restrictions, conditions, or revocation if the Department of Fish and Wildlife determines that changed conditions require such action. The person(s) to whom this Hydraulic Project Approval is issued has the right to appeal those decisions. Procedures for filing appeals are listed below.

MINOR MODIFICATIONS TO THIS HPA: You may request approval of minor modifications to the required work timing or to the plans and specifications approved in this HPA. Any approved minor modification will require issuance of a letter documenting the approval. A minor modification to the required work timing means any change to the work start or end dates of the current work season to enable project or work phase completion. Minor modifications will be approved only if spawning or incubating fish are not present within the vicinity of the project. You may request subsequent minor modifications to the required work timing. A minor modification of the plans and specifications means any changes in the materials, characteristics or construction of your project that does not alter the project's impact to fish life or habitat and does not require a change in the provisions of the HPA to mitigate the impacts of the modification. Minor modifications do not require you to pay additional application fees or be issued a new HPA. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a minor modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you do not use APPS you must submit a written request that clearly indicates you are seeking a minor modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the control number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234, or by email to HPAapplications@dfw.wa.gov. Do not include payment with your request. You should allow up to 45 days for the department to process your request.

MAJOR MODIFICATIONS TO THIS HPA: You may request approval of major modifications to any aspect of your HPA. Any approved change other than a minor modification to your HPA will require issuance of a new HPA. If you paid an application fee for your original HPA you must pay an additional \$150 for the major modification. If you did not pay an application fee for the original HPA, no fee is required for a change to it. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a major modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you do not use APPS you must submit a written request that clearly indicates you are requesting a major modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the control number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, payment of the application the original application was subject to an application fee, and the requestor's signature. Send your written request and payment, if applicable, by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234. You should allow up to 45 days for the department to process your request.

APPEALS INFORMATION



Washington Department of
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If you wish to appeal the issuance, denial, conditioning, or modification of a Hydraulic Project Approval (HPA), Washington Department of Fish and Wildlife (WDFW) recommends that you first contact the department employee who issued or denied the HPA to discuss your concerns. Such a discussion may resolve your concerns without the need for further appeal action. If you proceed with an appeal, you may request an informal or formal appeal. WDFW encourages you to take advantage of the informal appeal process before initiating a formal appeal. The informal appeal process includes a review by department management of the HPA or denial and often resolves issues faster and with less legal complexity than the formal appeal process. If the informal appeal process does not resolve your concerns, you may advance your appeal to the formal process. You may contact the HPA Appeals Coordinator at (360) 902-2534 for more information.

A. INFORMAL APPEALS: WAC 220-110-340 is the rule describing how to request an informal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete informal appeal procedures. The following information summarizes that rule.

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request an informal appeal of that action. You must send your request to WDFW by mail to the Washington Department of Fish and Wildlife HPA Appeals Coordinator, 600 Capitol Way North, Olympia, Washington 98501-1091; e-mail to HPAApplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. WDFW must receive your request within 30 days from the date you receive notice of the decision. If you agree, and you applied for the HPA, resolution of the appeal may be facilitated through an informal conference with the WDFW employee responsible for the decision and a supervisor. If a resolution is not reached through the informal conference, or you are not the person who applied for the HPA, the HPA Appeals Coordinator or designee will conduct an informal hearing and recommend a decision to the Director or designee. If you are not satisfied with the results of the informal appeal, you may file a request for a formal appeal.

B. FORMAL APPEALS: WAC 220-110-350 is the rule describing how to request a formal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete formal appeal procedures. The following information summarizes that rule.

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request a formal appeal of that action. You must send your request for a formal appeal to the clerk of the Pollution Control Hearings Boards and serve a copy on WDFW within 30 days from the date you receive notice of the decision. You may serve WDFW by mail to the Washington Department of Fish and Wildlife HPA Appeals Coordinator, 600 Capitol Way North, Olympia, Washington 98501-1091; e-mail to HPAApplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. The time period for requesting a formal appeal is suspended during consideration of a timely informal appeal. If there has been an informal appeal, you may request a formal appeal within 30 days from the date you receive the Director's or designee's written decision in response to the informal appeal.

C. FAILURE TO APPEAL WITHIN THE REQUIRED TIME PERIODS: If there is no timely request for an appeal, the WDFW action shall be final and unappealable.



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Habitat Biologist matthew.curtis@dfw.wa.gov



for Director

Matthew Curtis 360-902-2578

WDFW



Pierce County

Department of Planning and Land Services

DENNIS HANBERG

Director

2401 South 35th Street
Tacoma, Washington 98409-7460

EXEMPTION FROM SHORELINE MANAGEMENT ACT SUBSTANTIAL DEVELOPMENT PERMIT REQUIREMENT

Date: March 26, 2015

To: Claudia Ellsworth
HMC Management
PO Box 119
Lakebay, WA 98349

RE: Shoreline Exemption Application Number: 796246
Parcel Number: 4450000660

Proposal: Paint the lift span on both the island and mainland ferry terminals of the Herron Island Ferry. This includes: girders, floor beams, hanger beams, stringers, diagonal bracing, bearings, and connections. In addition, sections of decking and grating will be removed and replaced as necessary. No in-water work is proposed.

Location: The Herron Island ferry terminal is located on the eastern shoreline of the island, within the Rural-Residential Shoreline Environment and a portion of the NE ¼ of Section 32, Township 21N, Range 01W, W.M. The mainland ferry terminal is located on the western shoreline of the Key Peninsula, adjacent to Herron Bay, within a Rural Shoreline Environment and a portion of the SE ¼ of Section 28, Township 21N, Range 01W, W.M. The two project sites are located on Case Inlet and in Council District #7.

Decision: It has been determined that the above proposal is exempt from the requirement of a shoreline substantial development permit per Pierce County Code, Title 20, Shoreline Management Regulations, Subsection 20.76.030.B.2, as it is normal maintenance and repair of existing structures. The proposed development is consistent with the Policies of the Shoreline Management Act and the Master Program.

Appeal: In accordance with Pierce County Code 1.22, Appeals of Administrative Decisions to the Examiner, any person aggrieved, or affected by any decision of an administrative official may file a notice of appeal. A notice of appeal, together with the appropriate appeal fee, shall be filed within 14 days of the date of an Administrative Official's decision, at the Public Services Building, Development Center, Planning and Land Services Department, 2401 So. 35th Street, Tacoma, Washington.

March 26, 2015

Date

Adonais Clark

Adonais Clark, Senior Planner

Signature of Authorized Local Governmental Official



Printed on recycled paper

- Notes:**
1. The proposal is categorically exempt from the procedural requirements of the State Environmental Policy Act (SEPA), under WAC 197-11-800(3).
 2. The applicants may be required to obtain permits from other agencies with jurisdiction including, but not limited to, US Army Corps of Engineers and the Washington State Departments of Ecology, Fish and Wildlife and Natural Resources prior to construction. It shall be the sole responsibility of the applicants to secure all required permits for the proposal.

AC:sl

c: Ross Widener, Widener & Associates, 10108 - 32nd Ave. West, Suite D, Everett, WA 98204
Washington State Department of Ecology, SW Regional Office, Attn: Alex Callender,
PO Box 47775, Olympia WA 98504-7600 (w/shoreline exemption application materials)
Washington State Department of Fish and Wildlife, Attn: Matt Curtis, 600 Capitol Way N,
Olympia, WA 98501-1091 (w/shoreline exemption application materials)

Herron Island Ferry Terminals EXM.docx