

TOWN OF CAMDEN, MAINE

BID BOOK AND PLAN SET

for

Camden Public Landing – SHIP Grant Project

HOIST PROCUREMENT

MaineDOT WIN: 18534.12

April 2015



STATE INSERT (11-05-2014)

NOTICE TO CONTRACTORS

SP 102.7.3 Acknowledgement of Bid Amendments

BID FORM

CONTRACT AGREEMENT, OFFER & AWARD (2 copies)

SAMPLE: CONTRACT AGREEMENT, OFFER & AWARD, CONTRACT PERFORMANCE
BOND, CONTRACT PAYMENT BOND

PREVAILING WAGE RATES

SP 105 GENERAL SCOPE OF WORK

SP 107 PROSECUTION AND PROGRESS (Contract Time)

Section 14600 Working Waterfront Hoist (Design, Fabrication, Supply, &
Installation)

APPENDIX A

WIN 18534.12 SHIP Grant Project Plans

Updated 11/05/14

STATE PROJECT

BIDDING INSTRUCTIONS

FOR ALL PROJECTS:

1. Use pen and ink to complete all paper Bids.
2. As a minimum, the following must be received prior to the time of Bid opening:

For a Paper Bid:

- a) a copy of the Notice to Contractors, b) the completed Acknowledgement of Bid Amendments form, c) the completed Schedule of Items, d) two copies of the completed and signed Contract Offer, Agreement & Award form, e) a Bid Guaranty, (if required), and f) any other certifications or Bid requirements listed in the Bid Documents as due by Bid opening.

For an Electronic Bid:

- a) a completed Bid using Expedite® software and submitted via the Bid Express™ web-based service, b) an electronic Bid Guaranty (if required) or a faxed copy of a Bid Bond (with original to be delivered within 72 hours), and c) any other Certifications or Bid requirements listed in the Bid Documents as due by Bid opening.
3. Include prices for all items in the Schedule of Items (excluding non-selected alternates).
4. Bid Guaranty acceptable forms are:
 - a) a properly completed and signed Bid Bond on the Department's prescribed form (or on a form that does not contain any significant variations from the Department's form as determined by the Department) for 5% of the Bid Amount or
 - b) an Official Bank Check, Cashier's Check, Certified Check, U.S. Postal Money Order or Negotiable Certificate of Deposit in the amount stated in the Notice to Contractors or
 - c) an electronic bid bond submitted with an electronic bid.
5. If a paper Bid is to be sent, "FedEx First Overnight" delivery is suggested as the package is delivered directly to the DOT Headquarters Building located at 16 Child Street in Augusta. Other means, such as U.S. Postal Service's Express Mail has proven not to be reliable.

IN ADDITION, FOR FEDERAL AID PROJECTS:

6. Complete the DBE Proposed Utilization form, and submit with your bid. If you are submitting your bid electronically, you must FAX the form to (207) 624-3431. This is a curable defect.

*If you need further information regarding Bid preparation, call the DOT
Contracts Section at (207) 624-3410.*

*For complete bidding requirements, refer to Section 102 of the Maine Department
of Transportation, Standard Specifications, November 2014 Edition.*

NOTICE

Town of Camden will issue Bid Amendments/Addendums via email based on the planholder's list.

Prospective bidders, subcontractors, or suppliers who wish to obtain a copy of the bid package must contact the Town of Camden.

Interested parties shall be responsible for reviewing Bid Amendments provided to them, acknowledging receipt, and incorporating those Bid Amendments in their bids using the Acknowledgement of Bid Amendment Form.

Electronic bids will not be accepted for this project.

NOTICE

For security and other reasons, all Bid Packages which are mailed, shall be provided in double (one envelope inside the other) envelopes. The *Inner Envelope* shall have the following information provided on it:

Bid Enclosed - Do Not Open

PIN:

Town:

Date of Bid Opening:

Name of Contractor with mailing address and telephone number:

In Addition to the usual address information, the *Outer Envelope* should have written or typed on it:

Double Envelope: Bid Enclosed

PIN:

Town:

Date of Bid Opening:

Name of Contractor:

This should not be much of a change for those of you who use Federal Express or similar services.

Hand-carried Bids may be in one envelope as before, and should be marked with the following information:

Bid Enclosed: Do Not Open

PIN:

Town:

Name of Contractor:

TOWN OF CAMDEN
Bid Guaranty-Bid Bond Form

KNOW ALL MEN BY THESE PRESENTS THAT _____

_____, of the City/Town of _____ and State of _____

as Principal, and _____ as Surety, a

Corporation duly organized under the laws of the State of _____ and having a usual place of

Business in _____ and hereby held and firmly bound unto the Treasurer of

the State of Maine in the sum of _____ for payment which Principal and Surety bind

themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

The condition of this obligation is that the Principal has submitted to the Maine Department of

Transportation, hereafter Department, a certain bid, attached hereto and incorporated as a

part herein, to enter into a written contract for the construction of _____

_____ and if the Department shall accept said bid

and the Principal shall execute and deliver a contract in the form attached hereto (properly

completed in accordance with said bid) and shall furnish bonds for this faithful performance of

said contract, and for the payment of all persons performing labor or furnishing material in

connection therewith, and shall in all other respects perform the agreement created by the

acceptance of said bid, then this obligation shall be null and void; otherwise it shall remain in full

force, and effect.

Signed and sealed this _____ day of _____ 20_____

WITNESS:

WITNESS

PRINCIPAL:

By _____

By: _____

By: _____

SURETY:

By _____

By: _____

Name of Local Agency: _____

NOTICE

Bidders:

Please use the attached “Request for Information” form when faxing questions and comments concerning specific Contracts that have been Advertised for Bid. Include additional numbered pages as required. Questions are to be faxed to the number listed in the Notice to Contractors. This is the only allowable mechanism for answering Project specific questions. Town of Camden will not be bound to any answers to Project specific questions received during the Bidding phase through other processes.

NOTICE TO CONTRACTORS

Sealed Bids addressed to the Town of Camden, Maine 04843 and endorsed on the wrapper "Bid for WIN: 18534.12 Camden Public Landing SHIP Grant Project – HOIST PROCUREMENT in Camden, Maine" will be received from contractors at Camden Town Hall until 3:00 PM EST on Friday, May 8, 2015 and at that time will be publicly opened and read in the Town Manager's office. Bids will be accepted from all bidders. The lowest responsive bidder must demonstrate successful completion of projects of similar size and scope to be awarded for this contract.

Description: STATE WIN: 18534.12

Location: In Knox County, the project is located at the Public Landing located off of Bayview Street (US Route 1) at Commercial Street.

Outline of Work: Fabrication, delivery, and installation of a 1,000 LB hoist to be installed at a reinforced concrete foundation with electrical supply (by others), including connection of electrical supply, and other incidental work.

The basis of award will be on the sum of base bid.

For general information regarding Bidding and Contracting procedures, contact Pat Finnigan at (207) 236-3353. For Project-specific information, email all questions to Pat Finnigan at pfinnigan@camdenmaine.gov. Questions received after 12:00 noon of the Wednesday prior to bid date will not be answered. Bidders shall not contact any other Town staff for clarification of Contract provisions, and the Town will not be responsible for any interpretations so obtained. A non-mandatory prebid meeting will be held on site at 1:00 PM on Thursday, April 30, 2015.

Plans, specifications, and bid forms may be seen and purchased at Town Manager's office at Camden Town Hall during the following hours:

Mon - Friday 8:00 AM- 4:30 PM

The documents can be purchased by cash, credit card (Visa/Mastercard), or check payable to Town of Camden. A Bid Book and set of full-size plans is \$50 (\$60 by mail), non-refundable. The documents are also available electronically at www.camdenmaine.gov.

Each Bid must be made upon blank forms provided by the Town and must be accompanied by a bid bond at 5% of the bid amount or an official bank check, cashier's check, certified check, certificate of deposit, or United States postal money order payable to Town of Camden as a Bid guarantee. A Contract Performance Surety Bond and a Contract Payment Surety Bond, each in the amount of 100 percent of the Contract price, will be required of the successful Bidder.

This Contract is subject to all applicable State and Federal Laws. There is no Disadvantaged Business Enterprise (DBE) Program requirement associated with this project; however, contractors are encouraged to consider the use of a qualified DBE firm whenever possible.

All work shall be governed by "State of Maine, Department of Transportation, Standard Specifications, Revision of November 2014", and Standard Details, Revision of November 2014. Standard Detail updates can be found at <http://maine.gov/mdot/contractors/publications/standardspec/index2014.shtml>

The right is hereby reserved to the Town to reject any or all bids.

Camden, Maine
April 24, 2015

**SPECIAL PROVISION 102.7.3
ACKNOWLEDGMENT OF BID AMENDMENTS**

With this form, the Bidder acknowledges its responsibility to check for all Amendments to the Bid Package. For each Project under Advertisement, Amendments are located at www.camdenmaine.gov. It is the responsibility of the Bidder to determine if there are Amendments to the Project, to download them, to incorporate them into their Bid Package, and to reference the Amendment number and the date on the form below. The Town of Camden will not post Bid Amendments any later than noon the day before Bid opening without individually notifying all plan holders.

Amendment Number	Date

The Contractor, for itself, its successors and assigns, hereby acknowledges that it has received all of the above referenced Amendments to the Bid Package.

CONTRACTOR

Date

Signature of authorized representative

(Name and Title Printed)

**BASE BID FORM – CAMDEN PUBLIC LANDING – SHIP GRANT PROJECT
HOIST PROCUREMENT**

<i>ITEM NO.</i>	<i>ITEM</i>	<i>UNIT</i>	<i>QUANTITY</i>	<i>UNIT COST</i>	<i>COST</i>
504.88	HOIST	LS	1		
WIN 18534.12 HOIST PROCUREMENT Total Base Bid Amount					

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the Town of Camden (Town), with a mailing address at Camden Town Hall, 29 Elm Street, Camden, Maine 04843, and

a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at _____

The Town and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, WIN No. 18534.12, for the **Camden Public Landing SHIP Grant Project – HOIST PROCUREMENT** in the Town of Camden, County of **Knox**, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Town shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before **December 31, 2015**. Further, the Town may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of November 2014 and related Special Provisions.

C. Price.

The quantities given in the Base Bid Form of the Bid Package will be used as the basis for determining the original Contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety Bond, and that the amount of this offer is

\$ _____ Performance
Bond and Payment Bond each being 100% of the amount of this Contract.

D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of November 2014, Standard Details Revision of November 2014, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of November 2014 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications, Revision of November 2014, Standard Details Revision of November 2014, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of:

**WIN 18534.12 Camden Public Landing SHIP Grant Project – HOIST
PROCUREMENT,**

State of Maine, on which bids will be received until the time specified in the “Notice to Contractors” do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached “Schedule of Items”.

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached “Schedule of Items” in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Town in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached “Schedule of Items”, which may be ordered by the Resident, and to accept as full compensation the amount determined upon a “Force Account” basis as provided in the Standard Specifications, Revision of November 2014, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier’s check, certificate of deposit or U. S. Postal Money Order in the amount given in the “Notice to Contractors”, payable to the Town of Camden and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work as stated in Section 107.2 of the Standard Specifications Revision of 2014 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Fifth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Town.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

CONTRACTOR

Date

(Signature of Legally Authorized Representative
of the Contractor)

Witness

(Name and Title Printed)

G. Award.

Your offer is hereby accepted.
documents referenced herein.

This award consummates the Contract, and the

TOWN OF CAMDEN

Date

Patricia J. Finnigan, Town Manager

(Witness)

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the Town of Camden (Town), with a mailing address at Camden Town Hall, 29 Elm Street, Camden, Maine 04843, and

a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at _____

The Town and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, WIN No. 18534.12, for the **Camden Public Landing SHIP Grant Project – HOIST PROCUREMENT** in the Town of Camden, County of **Knox**, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Town shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before **December 31, 2015**. Further, the Town may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of November 2014 and related Special Provisions.

C. Price.

The quantities given in the Base Bid Form of the Bid Package will be used as the basis for determining the original Contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety Bond, and that the amount of this offer is

\$ _____ Performance
Bond and Payment Bond each being 100% of the amount of this Contract.

D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of November 2014, Standard Details Revision of November 2014, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of November 2014 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications, Revision of November 2014, Standard Details Revision of November 2014, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of:

**WIN 18534.12 Camden Public Landing SHIP Grant Project – HOIST
PROCUREMENT,**

State of Maine, on which bids will be received until the time specified in the “Notice to Contractors” do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached “Schedule of Items”.

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached “Schedule of Items” in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Town in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached “Schedule of Items”, which may be ordered by the Resident, and to accept as full compensation the amount determined upon a “Force Account” basis as provided in the Standard Specifications, Revision of November 2014, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier’s check, certificate of deposit or U. S. Postal Money Order in the amount given in the “Notice to Contractors”, payable to the Town of Camden and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work as stated in Section 107.2 of the Standard Specifications Revision of 2014 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Fifth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Town.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

CONTRACTOR

Date

(Signature of Legally Authorized Representative
of the Contractor)

Witness

(Name and Title Printed)

G. Award.

Your offer is hereby accepted.
documents referenced herein.

This award consummates the Contract, and the

TOWN OF CAMDEN

Date

Patricia J. Finnigan, Town Manager

(Witness)

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at Child Street Augusta, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and

(Name of the firm bidding the job)

a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at (address of the firm bidding the job)

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

A. **The Work.**

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, PIN No. 1224.00, for the **Hot Mix Asphalt Overlay** in the town/city of **South Nowhere**, County of **Washington**, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. **Time.**

The Contractor agrees to complete all Work, except warranty work, on or before **November 15, 2006**. Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002 and related Special Provisions.

C. Price.

The quantities given in the Schedule of Items of the Bid Package will be used as the basis for determining the original Contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety Bond, and that the amount of this offer is (Place bid here in alphabetical form such as One Hundred and Two dollars and 10 cents)
\$ (repeat bid here in numerical terms, such as \$102.10) Performance Bond and Payment Bond each being 100% of the amount of this Contract.

D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of:

PIN 1234.00 South Nowhere, Hot Mix Asphalt Overlay,

State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached "Schedule of Items".

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached "Schedule of Items" in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached "Schedule of Items", which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work as stated in Section 107.2 of the Standard Specifications Revision of 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan with their bid.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

CONTRACTOR
(Sign Here)
(Signature of Legally Authorized Representative of the Contractor)
(Print Name Here)
(Name and Title Printed)

Date

(Witness Sign Here)
Witness

G. Award.

Your offer is hereby accepted. documents referenced herein.

This award consummates the Contract, and the

MAINE DEPARTMENT OF TRANSPORTATION

Date

By: David Bernhardt, Commissioner

(Witness)

BOND # _____

CONTRACT PERFORMANCE BOND
(Surety Company Form)

KNOW ALL MEN BY THESE PRESENTS: That _____
_____ in the State of _____, as principal,
and.....
a corporation duly organized under the laws of the State of and having a
usual place of business
as Surety, are held and firmly bound unto the Treasurer of the State of Maine in the sum
of _____ and 00/100 Dollars (\$ _____),
to be paid said Treasurer of the State of Maine or his successors in office, for which
payment well and truly to be made, Principal and Surety bind themselves, their heirs,
executors and administrators, successors and assigns, jointly and severally by these
presents.

The condition of this obligation is such that if the Principal designated as Contractor in
the Contract to construct Project Number _____ in the Municipality of
_____ promptly and faithfully performs the Contract, then this
obligation shall be null and void; otherwise it shall remain in full force and effect.

The Surety hereby waives notice of any alteration or extension of time made by the State
of Maine.

Signed and sealed this day of, 20.....

WITNESSES:

SIGNATURES:

CONTRACTOR:

Signature.....

.....

Print Name Legibly

Print Name Legibly

SURETY:

Signature

.....

Print Name Legibly

Print Name Legibly

SURETY ADDRESS:

NAME OF LOCAL AGENCY:

.....
.....
.....

ADDRESS
.....
.....

TELEPHONE.....

.....

BOND # _____

CONTRACT PAYMENT BOND
(Surety Company Form)

KNOW ALL MEN BY THESE PRESENTS: That _____
_____ **in the State of** _____, as principal,
and.....

a corporation duly organized under the laws of the State of and having a
usual place of business in
as Surety, are held and firmly bound unto the Treasurer of the State of Maine for the use
and benefit of claimants as herein below defined, in the sum of
_____ **and 00/100 Dollars (\$** _____ **)**
for the payment whereof Principal and Surety bind themselves, their heirs, executors and
administrators, successors and assigns, jointly and severally by these presents.

The condition of this obligation is such that if the Principal designated as Contractor in
the Contract to construct Project Number _____ in the Municipality of
_____ promptly satisfies all claims and demands incurred for all
labor and material, used or required by him in connection with the work contemplated by
said Contract, and fully reimburses the obligee for all outlay and expense which the
obligee may incur in making good any default of said Principal, then this obligation shall
be null and void; otherwise it shall remain in full force and effect.

A claimant is defined as one having a direct contract with the Principal or with a
Subcontractor of the Principal for labor, material or both, used or reasonably required for
use in the performance of the contract.

Signed and sealed this day of, 20

WITNESS:

SIGNATURES:

CONTRACTOR:

Signature.....

.....

Print Name Legibly

Print Name Legibly

SURETY:

Signature.....

.....

Print Name Legibly

Print Name Legibly

SURETY ADDRESS:

NAME OF LOCAL AGENCY:

.....

ADDRESS

.....

.....

TELEPHONE

.....

Town: Camden
WIN: 18534.12
Date: March 23, 2015

PREVAILING WAGE RATES

This project is being partially funded by a Small Harbor Improvement Project (SHIP) Grant from MaineDOT. All project invoices will be paid by the Town with reimbursement from the State; therefore, prevailing wage rates do not apply.

There is no federal funding on this project.

Town: Camden
WIN: 18534.12
Date: April 15, 2015

SPECIAL PROVISION
SECTION 105
GENERAL SCOPE OF WORK

In these documents, wherever the owner is specified as the Maine Department of Transportation, it shall mean the Town of Camden.

Town: Camden
WIN: 18534.12
HOIST PROCUREMENT
Date: April 22, 2015

SPECIAL PROVISION
SECTION 107
Prosecution and Progress
(Contract Time)

All work under this contract shall be completed no later than June 26, 2015.

SECTION 14600
WORKING WATERFRONT HOIST
(DESIGN, FABRICATION, SUPPLY, & INSTALLATION)

PART 1 GENERAL

1.01 WORK INCLUDED

- A. Design and fabrication of a hoist with 1000-LB working load and 14-FT maximum reach, including all associated structural, mechanical, hydraulic, and rigging components as specified herein or otherwise required to provide a fully functional installation.
- B. Delivery of the hoist to the Camden Public Landing, located at the intersection of Main Street (US Route One) and Bayview Street, Camden, ME 04843.
- C. Installation of the hoist on the reinforced concrete hoist foundation, to be constructed by others as part of a separate contract to be awarded under Maine DOT WIN 018534.12. Installation shall include hoist placement, fastening to foundation, connection to electrical supply, and any related work to provide a functional installation.
- D. Trial operation of the hoist under the supervision of the Town Harbormaster and the Engineer.

1.02 DESIGN CRITERIA

- A. Materials
 - 1. Structural components of the hoist shall be of Hot Dipped Galvanized or Stainless Steel construction suitable for installation in a marine environment.
 - 2. All hardware shall be Hot Dipped Galvanized or Stainless Steel. Connections between dissimilar metals shall be insulated to prevent galvanic corrosion.
- B. Hoist Design
 - 1. This specification and the associated plans provide general performance criteria for the hoist. Final design and detailing of the hoist shall be the responsibility of the selected supplier.
 - 2. The hoist shall generally consist of a vertical mast, with an attached boom that provides vertical articulation and horizontal rotation (see schematic shown on Sheet S-3 of the project plans).
 - 3. The hoist shall be capable of supporting a 1000-LB Working Load at the maximum reach of 14-FT.

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WORKING WATERFRONT HOIST
(DESIGN, FABRICATION, SUPPLY, & INSTALLATION)

14600 - 1

4. The boom range of motion shall be approximately 250°, with orientation as indicated on the plans.
5. The boom shall be capable of lifting at least 6-ft above the adjacent ground elevation.
6. Boom height shall be controlled by a hydraulic ram with in-line regulator to allow for adjustment of boom speed. Boom swing shall be manually operated.
7. Winching shall be provided by a hydraulic cargo winch with variable speed control capable of hoisting at minimum 70-FPM at high speed operation. Provide a backup winch in the event of winch failure. Backup winch may be of manual operation.
8. Winching line shall be braided Polyethylene (Dacron, or equivalent), that is UV resistant and suitable for use in a wet environment. Line shall be rated for lifting with a minimum working load capacity of 1,000-LB. Provide a sling hook with latch with working load of 1,000-LB minimum.
9. Provide two (2) work lights mounted to the top of the hoist mast. Lights shall be model OLFL-14-PE-BZ by Lithonia Lighting or approved equal.

C. Safety Features

1. The winch shall incorporate safety features that generally allow for safe operation, and prevent hazardous conditions resulting from loss of hydraulic pressure or electric service. These shall include, at a minimum, but are not limited to:
 - a. The winch shall be located on the hoist boom such that it is at minimum 4-FT vertically above the baseplate.
 - b. Provide adjustable safety chain between top of mast and end of boom.
 - c. Provide in-line safety valves for winch and boom hydraulics.

D. Connection to Foundation

1. Provide base plate and anchor bolts for connection to reinforced concrete foundation. Anchor bolt layout shall be detailed in the supplier's shop drawings. Anchor bolts and associated hardware shall be provided by the hoist manufacturer.

E. Electrical Supply

1. Electrical supply at the hoist site will be 240V, 20 amp, single-phase electrical service. All components shall be capable of being operated from this service.

1.03 QUALIFICATIONS

- A. Manufacturer shall have a minimum of five (5) years of experience in custom metal fabrication, and shall provide three (3) references for recently completed projects of similar scope.

14-15

WORKING WATERFRONT HOIST
(DESIGN, FABRICATION, SUPPLY, & INSTALLATION)

14600 - 2

- B. Manufacturer shall provide experienced personnel to supervise the initial field installation, and trial operation of the hoist.

1.04 SUBMITTALS

- A. Prior to fabrication, the supplier shall submit for review a shop drawing package to include the following, at minimum:
 - 1. Design drawings depicting hoist layout, member sizes, connection details, etc.
 - 2. Manufacturer's cut sheets for hydraulic, mechanical components, and rigging line and hooks.
 - 3. Structural calculations, with resultant material stresses under applied loading.
- B. Warranty- The hoist manufacturer shall provide a written warranty that covers the product to include all labor and materials for repairs required during a three (3) year period from date of installation. Warranty exclusion may be made for damage occurring from use of the hoist other than its intended use.

PART 2 PRODUCTS

2.01 MECHANICAL AND HYDRAULIC COMPONENTS

- A. Provide min. 5hp motor with 6-gal tank
- B. 1,000-LB cargo winch
- C. Hydraulic and electrical components shall be housed in an enclosed compartment to limit exposure to marine environment.

PART 3 EXECUTION

3.01 TIMING OF WORK

- A. The hoist shall be complete and available for delivery by May 20, 2015, or 30 days after a contract is executed, whichever is later.

3.02 TRIAL OPERATION AND ADJUSTMENT

- A. Following initial installation, the Hoist Manufacturer shall provide an experienced representative onsite to perform a trial operation and initial adjustment to ensure a complete and functional installation. The hoist operation shall be observed by the engineer and the Town's representative. Adjustments shall be made as required to the satisfaction of the Engineer.

PART 4 MEASUREMENT AND PAYMENT

- 4.01 Work under this specification is covered under a separate lump sum contract between the Town of Camden and the selected hoist manufacturer.

14-15

WORKING WATERFRONT HOIST
(DESIGN, FABRICATION, SUPPLY, & INSTALLATION)

14600 - 3

END OF SECTION

14-15
WORKING WATERFRONT HOIST
(DESIGN, FABRICATION, SUPPLY, & INSTALLATION)

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14600 - 4

APPENDIX A
SHIP GRANT PROJECT PLANS
(for reference only)

TOWN OF CAMDEN, MAINE

CAMDEN

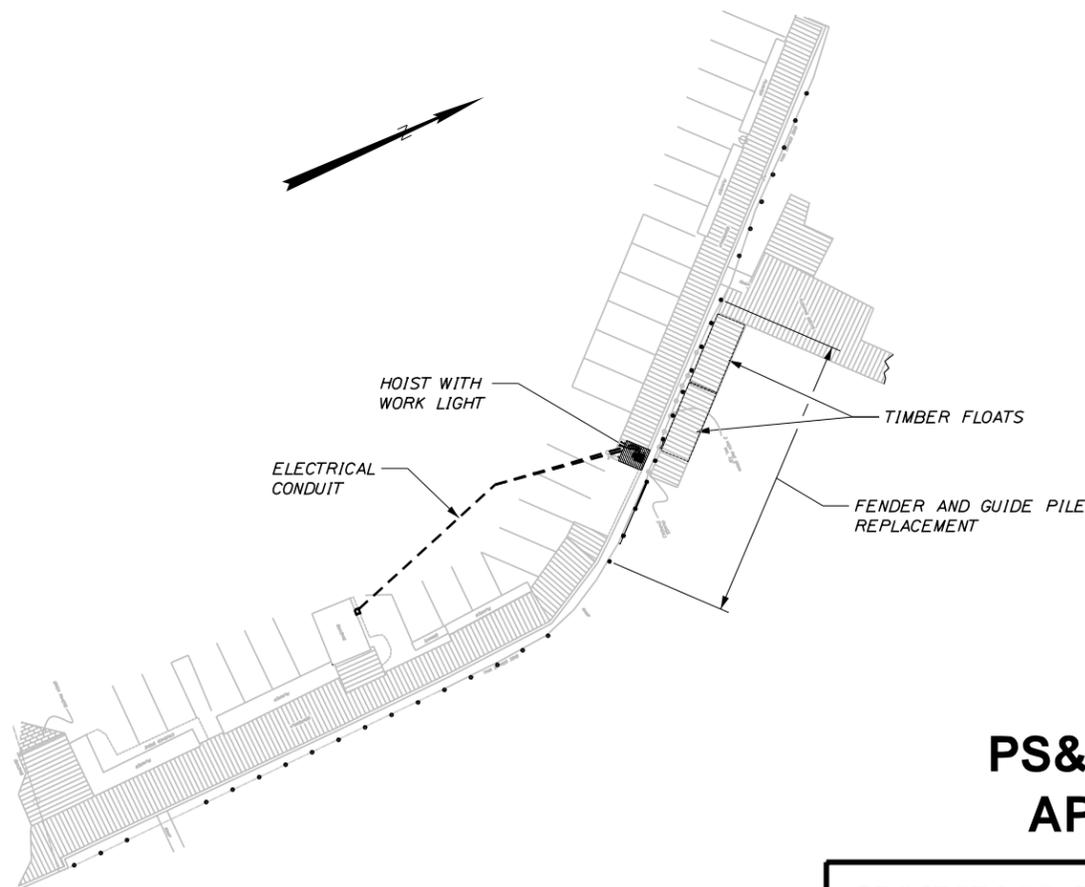
KNOX COUNTY PUBLIC LANDING IMPROVEMENTS WIN 018534.12

PLAN LEGEND

Town, County, State	---	Centerline-Existing	---
Property Lines	---	Centerline-Proposed	---
R/W Lines-Existing	---	Travelway-Existing	---
R/W Lines-Proposed	---	Travelway-Proposed	---
Culvert-Existing	---	Railroad	---
Culvert Proposed	---	Catch Basins	Existing Proposed
Curbing	Existing Proposed	Manholes	Existing Proposed
Type 1	---	Proposed Underdrain	---
Type 3	---	Proposed Ditch	---
Type 5	---	Existing Ditch	---
Outline of Bodies of Water	---	Utility Poles	Existing Proposed
Ledge	---	Fire Hydrants	Existing Proposed
Buildings	---	Existing Water Line	---
Trees	Conifer Deciduous	Existing San. Sewer	---
Tree Line	---	Existing San. Sewer Manhole	---
Clearing Limit Line	---	Guardrail-Existing	---
		Guardrail-Proposed	---
		Guardrail-Cable, Other	---

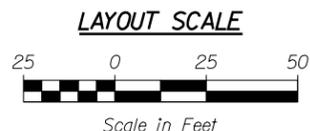
INDEX OF SHEETS

Description	Sheet No.
Title Sheet	T-1
Structural Notes & Schedules	S-1
Site Plan	S-2
Hoist Area Plan & Elevation	S-3
Structural Details	S-4
Lighting Plan	E-1
Lighting Notes & Details	E-2



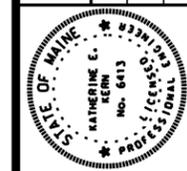
**PS&E SUBMITTAL
APRIL 21, 2015**

TY·LIN INTERNATIONAL



PROJECT LOCATION:	INTERSECTION OF MAIN STREET (U.S. ROUTE ONE) AND COMMERCIAL STREET
OUTLINE OF WORK:	TIMBER FENDER AND GUIDE PILE INSTALLATIONS; TIMBER FRAMING, FACE SHEATHING, AND LADDER INSTALLATIONS; TIMBER FLOAT CONSTRUCTION AND INSTALLATION; REINFORCED CONCRETE FOUNDATION CONSTRUCTION FOR 1,000 LB HOIST (SUPPLIED AND INSTALLED BY OTHERS); AND ELECTRICAL IMPROVEMENTS

TOWN OF CAMDEN	DATE
APPROVED	



<i>Katherine E. Kern</i>	SIGNATURE
6413	P.E. NUMBER
04-21-2015	DATE

PROJECT INFORMATION	
PROGRAM	PAT FINNIGAN
PROJECT MANAGER	KATHERINE KERN
DESIGNER	T.Y. LIN INTERNATIONAL
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

**CAMDEN PUBLIC LANDING
IMPROVEMENTS**

TITLE SHEET

SHEET NUMBER

T-1

WIN 018534.12

Date: 4/21/2015

Username:

Division: HIGHWAY

Filename: ... \000\HIGHWAY\MSTA\Title.dgn

GENERAL NOTES

1. THE CONTRACTOR SHALL BE GOVERNED BY THE CONSTRUCTION SAFETY RULES AS ADOPTED BY THE STATE BOARD OF CONSTRUCTION SAFETY, AUGUSTA, MAINE AND THE SAFETY AND HEALTH REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT (CSHA) AS PROMULGATED BY THE US DEPARTMENT OF LABOR.
2. THE CONTRACTOR SHALL INCLUDE IN HIS BID, COSTS FOR COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATORY REQUIREMENTS.
3. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAKE ALL IMPROVEMENTS IN ACCORDANCE WITH THE STATE OF MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, NOVEMBER 2014 EDITION.
4. THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL CONSTRUCTION DEBRIS AT AN APPROVED FACILITY IN ACCORDANCE WITH ALL APPLICABLE LOCAL STATE AND FEDERAL REGULATORY REQUIREMENTS.

CONSTRUCTION SEQUENCE & COORDINATION

1. SCHEDULE FOR ALL ACTIVITIES SHALL BE COORDINATED WITH THE TOWN OF CAMDEN AND THE HARBORMASTER SO AS TO MINIMIZE DISRUPTION TO WORKING WATERFRONT ACTIVITIES.
2. INSTALLATION OF HOIST FOUNDATION SHALL BE COMPLETED DURING THE FIRST MOBILIZATION TO ALLOW FOR INSTALLATION OF THE HOIST BY OTHERS. DATE OF COMPLETION SHALL BE AS INDICATED IN THE PROJECT SPECIFICATIONS.
3. PILE AND FLOAT REPLACEMENT SHALL DURING THE SECOND MOBILIZATION. DATES FOR MOBILIZATION AND COMPLETION SHALL BE AS INDICATED IN THE PROJECT SPECIFICATIONS.

EROSION CONTROL NOTES

1. APPLICATION OF TEMPORARY AND PERMANENT EROSION CONTROL MEASURES FOR THE PROJECT SHALL BE IN ACCORDANCE WITH PROCEDURES AND SPECIFICATIONS OF THE CURRENT MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION; BEST MANAGEMENT PRACTICES.
2. ALL WORK SHALL BE EXECUTED FROM SHORE OR BARGE. NO TRACKED OR WHEELED EQUIPMENT SHALL BE OPERATED OR PLACED BELOW THE TIDE LEVEL.
3. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED UPON COMPLETION OF GRADING OPERATIONS AND ESTABLISHMENT OF ACCEPTABLE GROUND COVER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES DURING CONSTRUCTION.

DEMOLITION NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL DEMOLITION MATERIALS FROM THE SITE THAT ARE NOT SELECTED FOR RETAINAGE BY THE OWNER.
2. EXISTING TIMBER AND PILE MEMBERS RETAINED BY THE OWNER SHALL BE SET ASIDE IN A PROTECTED AREA FOR REUSE OR REMOVAL FROM THE SITE BY THE OWNER.
3. THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF DEMOLITION MATERIALS AT AN APPROVED FACILITY IN ACCORDANCE WITH ALL APPLICABLE REGULATORY REQUIREMENTS.

SURVEY NOTES

1. BASE SURVEY IS FROM A PLAN ENTITLED "TOPOGRAPHIC SURVEY OF THE TOWN OF CAMDEN PUBLIC LANDING, COMMERCIAL STREET, TOWN OF CAMDEN, KNOX COUNTY, MAINE" PREPARED BY GOOD DEEDS, INC. LAND SURVEYING FOR T.Y. LIN INTERNATIONAL, DATED JUNE 24, 2014 AND REVISED THROUGH JULY 9, 2014.
2. BOUNDARY INFORMATION SHOWN HAS BEEN REPRODUCED FROM A PLAN ENTITLED "BOUNDARY SURVEY, TOWN OF CAMDEN PUBLIC LANDING" PREPARED BY GARTLEY & DORSKY ENGINEERING & SURVEYING FOR THE TOWN OF CAMDEN, DATED AUGUST 20, 2010.
3. ALL ELEVATIONS ARE TO NAVD88 UNLESS OTHERWISE NOTED.
4. LIMIT OF FEDERAL NAVIGATION CHANNEL DIGITIZED FROM "TOWN OF CAMDEN ZONING MAP B" PREPARED BY GARTLEY & DORSKY ENGINEERING & SURVEYING FOR THE TOWN OF CAMDEN, DATED AUGUST 12, 2008. LOCATION IS APPROXIMATE.
5. BASE FLOOD/TIDAL INFORMATION TAKEN FROM MEDEP, FEMA AND NOAA PUBLISHED DATA FOR ROCKLAND.

PROJECT ELEVATIONS (BY DATUM)				
ELEVATION	CHART (ft)	NGVD29 (ft)	NAVD88 (ft)	Notes
Base Flood Elevation	16.1	11.0	10.3	FEMA Zone "AE" (Effective 1988 FIS/FIRM)
500 Year Stillwater	16.1	11.0	10.3	
100 Year Stillwater	15.4	10.3	9.6	
50 Year Stillwater	15.1	10.0	9.3	
10 Year Stillwater	14.3	9.2	8.5	
Highest Annual Tide	12.7	7.7	7.0	2015 MDEP Predictions
MHHW	10.6	5.5	4.8	BASED ON TIDAL BM "ROCKLAND"
MHW	10.2	5.1	4.4	
NAVD88	5.7	0.7	0.0	
NGVD29	5.1	0.0	-0.7	
MLW	0.4	-4.7	-5.4	
MLLW	0.0	-5.1	-5.7	

1. BASE FLOOD INFORMATION TAKEN FROM FEMA FLOOD INSURANCE RATE MAP
2. HIGHEST ANNUAL TIDE TAKEN FROM MAINE DEP PUBLISHED PREDICTIONS
3. TIDAL INFORMATION TAKEN FROM NOAA PUBLISHED DATA

DESIGN CRITERIA

1. FISHERMAN'S HOIST (SEPARATE CONTRACT)
 - MAXIMUM LIFT - 1,000 LB
 - MAXIMUM SWING - 14 FT
 - RANGE OF MOTION - AS INDICATED ON DRAWINGS
2. ALL VESSELS TO PROVIDE FENDERING AND SHALL DOCK IN SETTLED WEATHER.
3. ALL COMPONENTS TO BE SUPPORTED DURING HANDLING TO PREVENT DAMAGE. ANY DAMAGE (INCLUDING BUT NOT LIMITED TO FRACTURED, BENT OR CRACKED SECTIONS, THAT IMPACT THE STRUCTURAL, FUNCTIONAL OR VISUAL INTEGRITY WILL BE REJECTED AT THE SITE.
4. FLOATS (SEE SPECIFICATION SECTION 06131)
 - DL FREEBOARD - 18" +/-2"
 - LIVE LOAD CAPACITY (FLOAT DRUMS FULLY SUBMERGED) - 20 PSF
 - A CONCENTRATED LIVE LOAD OF 400 LBS APPLIED AT ANY POINT SHALL NOT TILT THE DECK MORE THAN SIX DEGREES TO THE HORIZONTAL.

STRUCTURAL NOTES

TIMBER PILES

1. TIMBER PILES SHALL HAVE A MINIMUM PILE BUTT DIAMETER OF 12-INCHES AT 3-FEET FROM THE BUTT AND MEET ASTM D2899 DESIGN VALUES FOR ROUND TIMBER PILES, WITH MINIMUM TIP CIRCUMFERENCE AND DESIGN LOAD CAPACITY AS INDICATED BELOW:

LOCATION	TIP	P (KIPS)	MATERIAL
GUIDE PILES	22"	5	GREENHEART
FENDER PILES:WORKING AREA	22"	5	GREENHEART
FENDER PILES:OTHER	22"	5	OAK

2. VERTICAL TIMBER PILES SHALL CONFORM TO ASTM D25. PROVIDE PROTECTION TO PILE TIP AND BUTT TO AVOID DAMAGE DURING DRIVING.
3. EXPOSED FASTENERS TO PILES SHALL BE COUNTERSUNK A MINIMUM OF 1-1/2 INCHES.
4. ALL FENDER PILES SHALL BE Banded WITH 3/4" STAINLESS STEEL UTILITY STRAPPING BY BAND-IT IDEX INC. (800-525-0758), "GIANT BAND" PRODUCT #G44099 OR EQUAL, AND FITTED WITH BLACK, UV RESISTANT, LOW DENSITY, CONICAL, POLYETHYLENE CAPS BY FOLLANSBEE (800-223-3444) OR EQUAL. SELECT SIZE TO MATCH PILE DIAMETER AND FASTEN WITH STAINLESS STEEL SCREWS. STAINLESS STRAPS SHALL BE INSTALLED APPROXIMATELY 6" BELOW THE CUTOFF ELEVATION PRIOR TO MAKING THE FINAL CUT.
5. REFER TO SPECIFICATIONS FOR PILE DRIVING CRITERIA. THE CONTRACTOR IS CAUTIONED OF ANTICIPATED RAPID INCREASE IN DRIVING RESISTANCE DUE TO ABRUPT CHANGES IN SOIL STRATA. CARE SHOULD BE TAKEN TO AVOID DAMAGE TO THE PILE.
6. THE CONTRACTOR SHALL ORDER PILES OF SUFFICIENT LENGTH TO ALLOW FOR 5 FT VARIATION IN THE TABULATED LENGTH PROVIDED. REFER TO PILE SCHEDULE ON SHEET S-1 AND DETAILS ON SHEET S-4.

TIMBER STRUCTURAL MEMBERS

1. REFER TO TIMBER SCHEDULE.
2. ALL EXPOSED EDGES SHALL BE PLANED OR SANDED TO PROVIDE SMOOTH SURFACE FREE OF ROUGH EDGES OR DEFECTS.
3. ALL EXPOSED FASTENERS SHALL BE COUNTERSUNK.

CAST-IN-PLACE CONCRETE

1. MIX DESIGN:
 - a. MDOT CLASS A, $f_c = 4,000$ PSI
2. DCI ADMIXTURE; 3-GAL/CY.
3. MINIMUM COVER TO REINFORCEMENT = 3"
4. REINFORCING STEEL:
 - a. ASTM A615 GRADE 60; $f_y = 60,000$ PSI, EPOXY COATED

MISCELLANEOUS METALS AND FASTENERS

1. ALL METAL ITEMS TO BE A36 STEEL, HOT-DIP GALVANIZED AFTER FABRICATION UNLESS OTHERWISE NOTED.
2. ALL FASTENERS SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL.
3. ALL BOLTS SHALL CONFORM TO ASTM A-307. MINIMUM SIZE SHALL BE 3/4" DIA. UNLESS OTHERWISE NOTED. ALL BOLTS TO BE HEAVY HEX UNLESS OTHERWISE NOTED.
4. AT ALL TIMBER CONNECTIONS, WASHERS SHALL BE PROVIDED AT FASTENER BEARING AS NOTED BELOW:
 - a. FENDER PILE CONNECTIONS - OGEE WASHERS
 - b. OTHER BOLTED CONNECTIONS - NY DOCK WASHERS

TIMBER SCHEDULE

Timber Size	Location	Species	% Moisture at Treatment	Treatment Type	Grading to SPIB	Surface Finishing	Minimum Length (if not shown on drawings)
6 x 10	Walers	SYP	25%	CCA 2.5	No. 2	S2E	16'-0"
6 x 10	Chocks	SYP	25%	CCA 2.5	No. 2	S2E	Full width between piles
10 X 10	Curbs	SYP	19%	ACQ 0.6	No. 1	S4S	10'-0"
4 x 12	Pier Face Sheathing	SYP	25%	CCA 2.5	No. 2	S4S	10'-0"
4 x 10	Ladder Rails	SYP	19%	ACQ 0.6	No. 1	S4S	Full length

Chromated Copper Arsenate (CCA)
Alkaline Copper Quaternary (ACQ) OR APPROVED EQUAL
Quantities shall include sufficient material to include blocking and splices (where authorized).
R = Rough Sawn, S2E = Finished Top and Bottom, S2S = Finished Each Side, S4S = Finished All Sides.

FASTENER SCHEDULE

Location	Diameter in	No./ Connection	Finish	Length in
Timber Bolted Connections (Heavy Hex unless otherwise noted)				
Fender Pile Top Connection	1"	1	Hot Dip Galv.	Length to Suit Construction
Guide Pile Top Connection	1"	3	Hot Dip Galv.	
Guide Pile Standoff Brackets	1"	4	Hot Dip Galv.	
Pile Chocks	1"	2 (min), 1per 4'	Hot Dip Galv.	
Pile Walers	1"	2 (min), 1per 4'	Hot Dip Galv.	
Sheathing Framing	1"	2 per plank at each waler connection	Hot Dip Galvanized "Weather Tuff" Timber Bolts Sea Port Marine (800) 446-8056, or Equal	

PILE SCHEDULE

Elevations based on NAVD88 Datum

Location	Pile	Pile Type	Bid Item	Approx. Cutoff Elev.	Approx. Ground Elev.	Minimum Pile Embedment	Pile Tip Elevation	Est. Pile Length	Pile Order Length	Quantity	Total Pile Length
Greenheart Piles - Base Bid											
Guide Piles	P1-P7	Greenheart	501.203	12.5	-7.0	6.0	-13.0	26	30	7	210
Fender Piles	P8-P12	Greenheart	501.204	8.3	-8.0	6.0	-14.0	22	25	5	125
Approximate Total Pile Length										335	
No. of Piles										12	
Avg Pile Length FT										27.9	
Oak Piles - Alternate Bid Item - UNIT PRICE ITEM											
Bulkhead	All Other	OAK	501.19	12.5	-8.0	6.0	-14.0	27	30	--	30

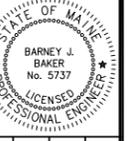
FLOAT SCHEDULE

Unit	New Float No.	Width FT	Length FT	Float Area SF	Connection Requirements			Cleats (See Specification Below)
					Pile Guide	End	Side	
EF	1	--	--	--	--	--	--	
PF	1	1	8	20	160	2	2	2 Type A on outer face
PF	2	1	8	20	160	2	2	2 Type A on outer face
Total New	2			320	4	4		

Cleat Size/specification (Hot Dip Galvanized; Seaport Marine (800) 436-4400 or approved equal)
Type A = 12 in SPC 190 Ship



DATE	4-16-15
DRAWN BY	JUC
CHECKED BY	BARNEY J. BAKER No. 5737
DESIGNED BY	DJB
SCALE	AS SHOWN



PROJECT TITLE:	STRUCTURAL NOTES & SCHEDULES
PROJECT:	TOWN OF CAMDEN PUBLIC LANDING IMPROVEMENTS

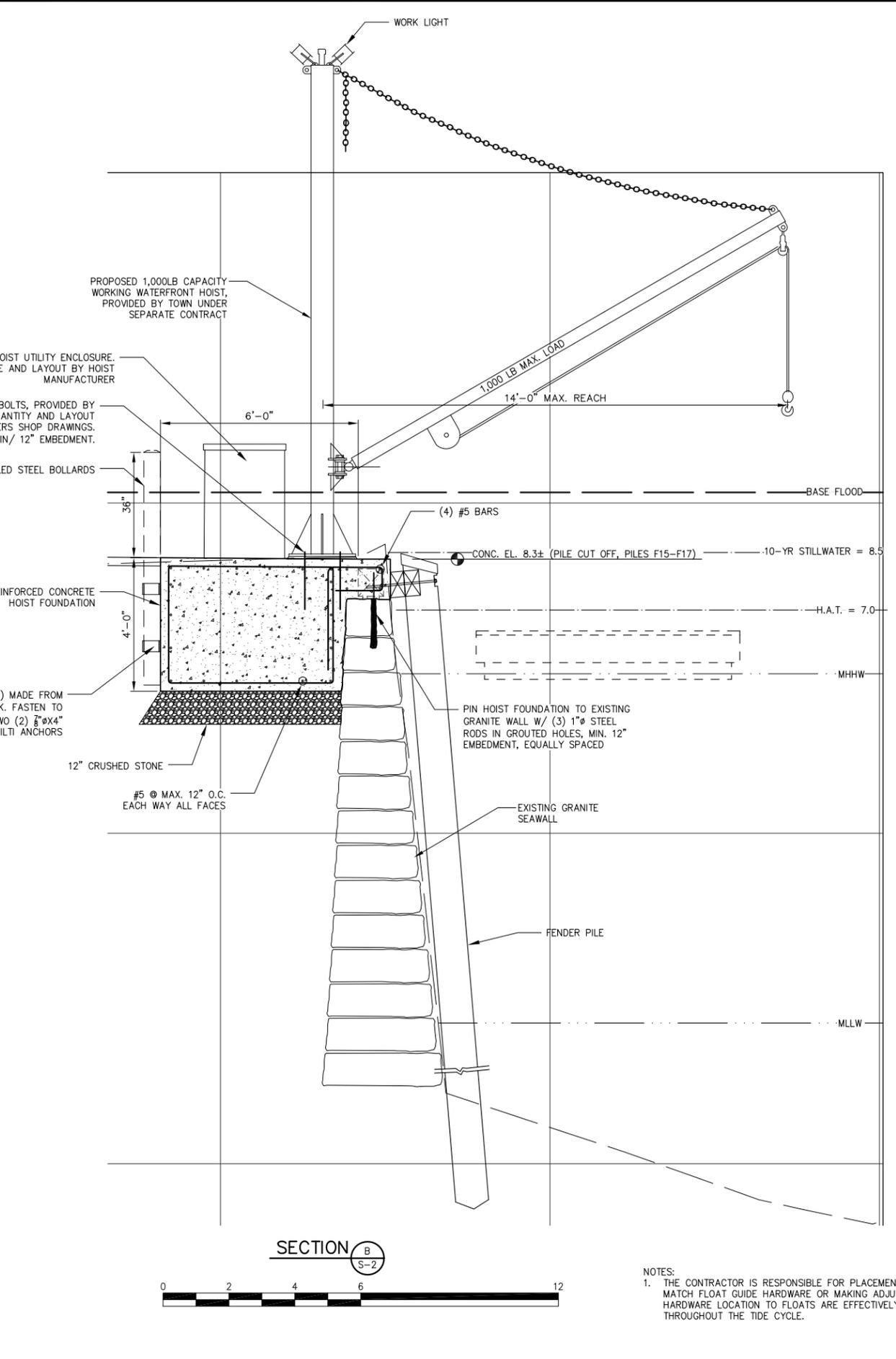
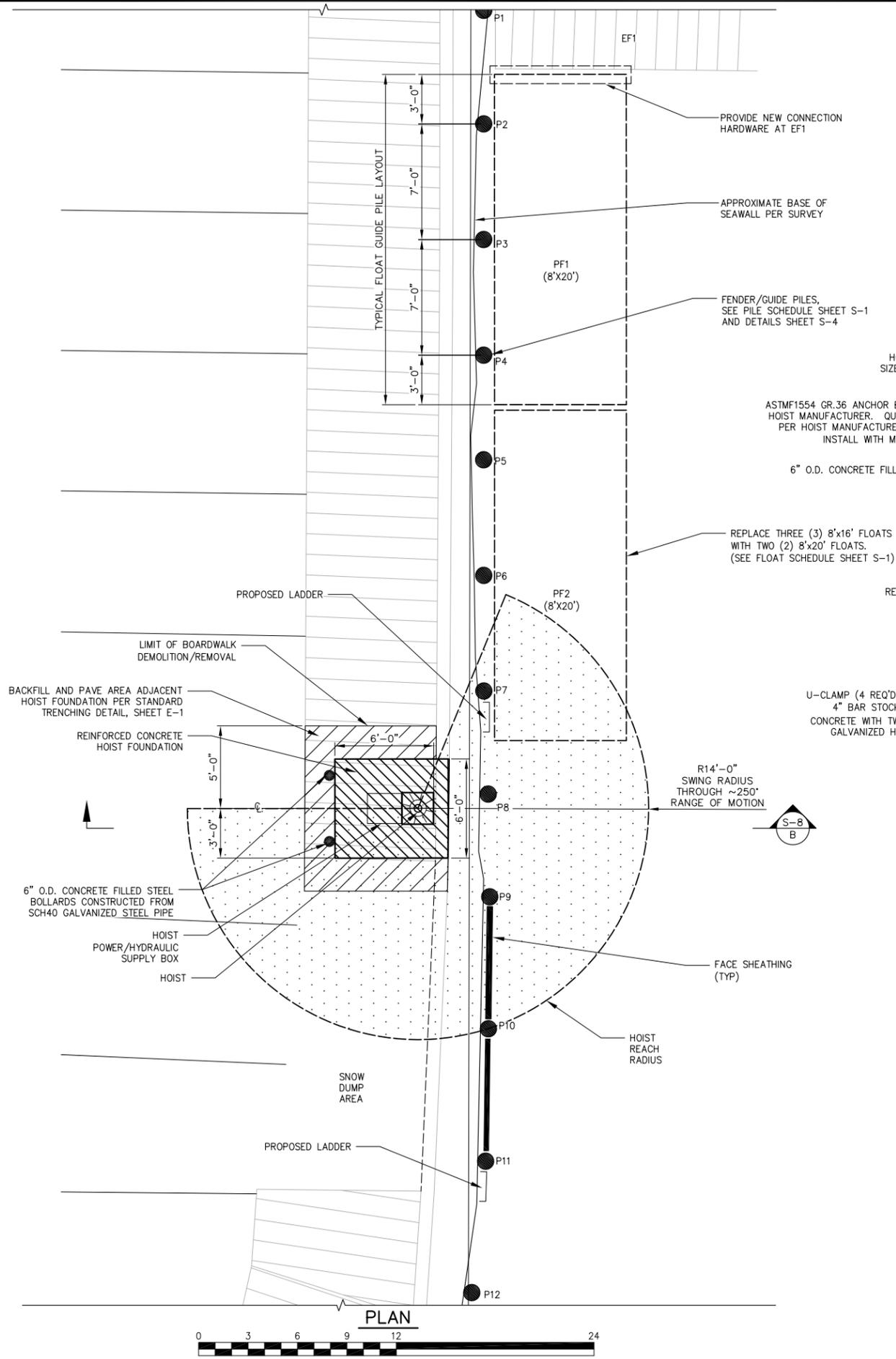
DATE: MAR 2015

CONTRACT NO.: 14-15

SHEET NO.: S-1

REV.: B

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NOTES:
 1. THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF GUIDE PILES TO MATCH FLOAT GUIDE HARDWARE OR MAKING ADJUSTMENTS TO FLOAT HARDWARE LOCATION TO FLOATS ARE EFFECTIVELY RESTRAINED THROUGHOUT THE TIDE CYCLE.

BAKER DESIGN CONSULTANTS
 Civil, Marine, and Structural Engineering
 7 Spruce Road • Freeport • Maine • 04032 • 207-866-5724 • info@bakerdcs.com

NO.	DATE	D/B	INT.
A	3-30-15	D/B	
B	4-16-15	D/B	

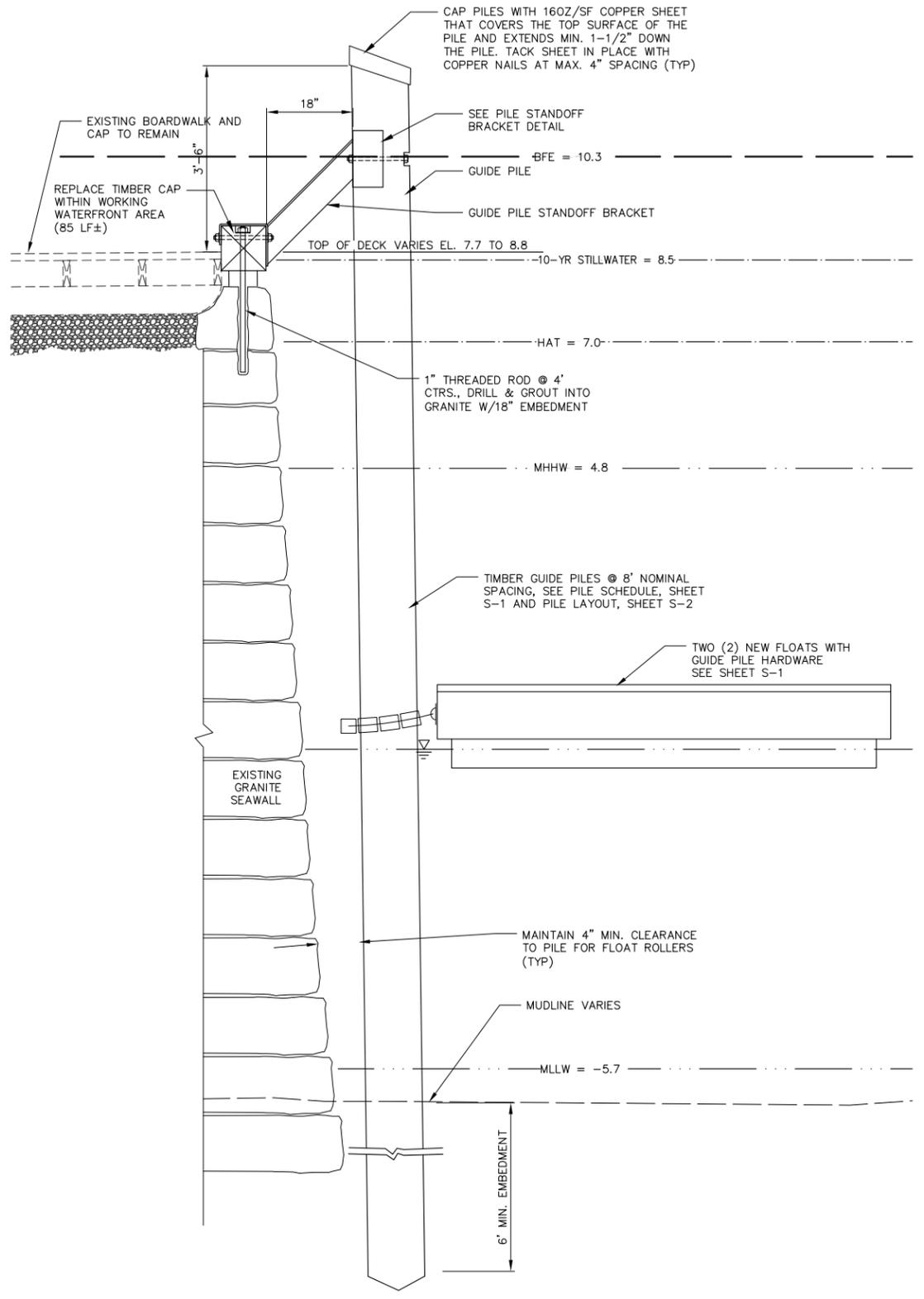
DESIGNED BY: DJB
 DRAWN BY: JJC
 CHECKED BY: BJB
 SCALE: AS SHOWN

STATE OF MAINE
 BARNEY J. BAKER
 No. 5737
 LICENSED PROFESSIONAL ENGINEER

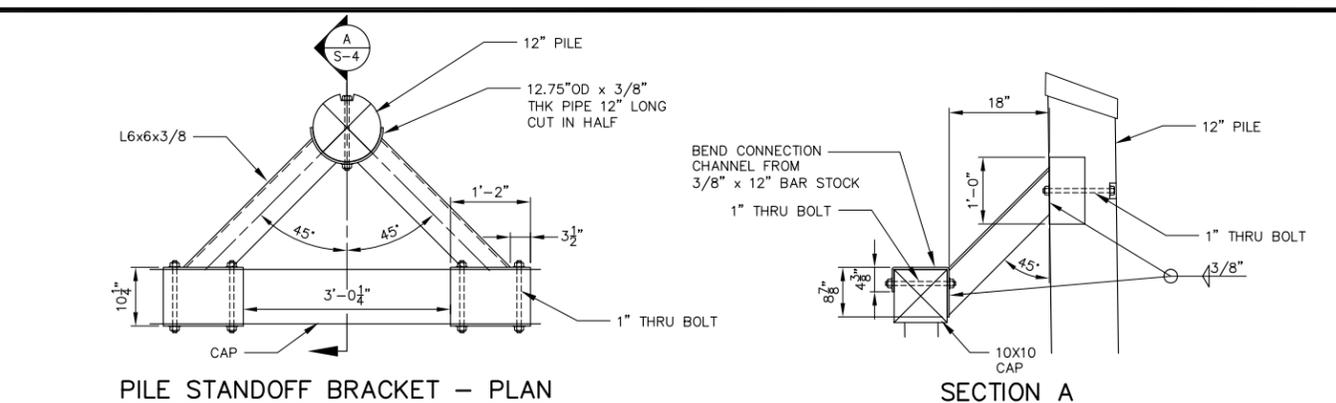
SHEET TITLE: **HOIST AREA PLAN & ELEVATION**
 PROJECT: **TOWN OF CAMDEN PUBLIC LANDING IMPROVEMENTS**
 CAMDEN, MAINE

DATE: MAR 2015
 CONTRACT NO.: 14-15
 SHEET NO.: **S-3** REV.: B

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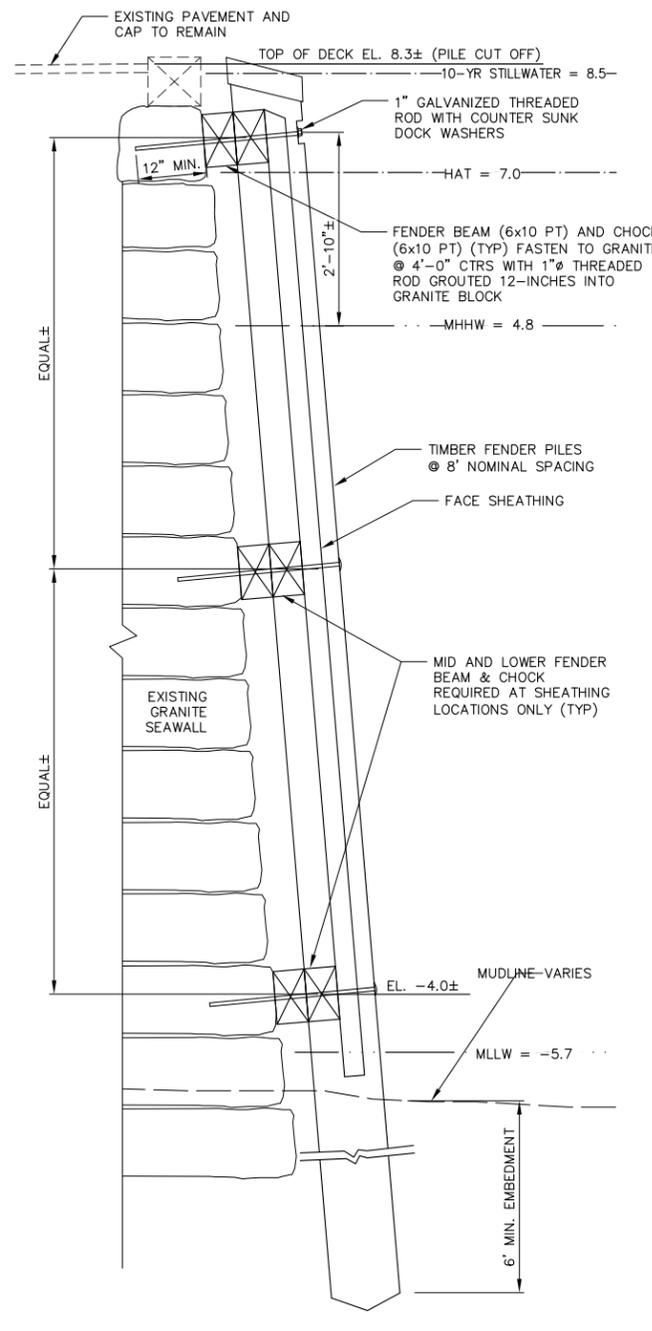


GUIDE PILE CONNECTION DETAIL PILES P1 THRU P7

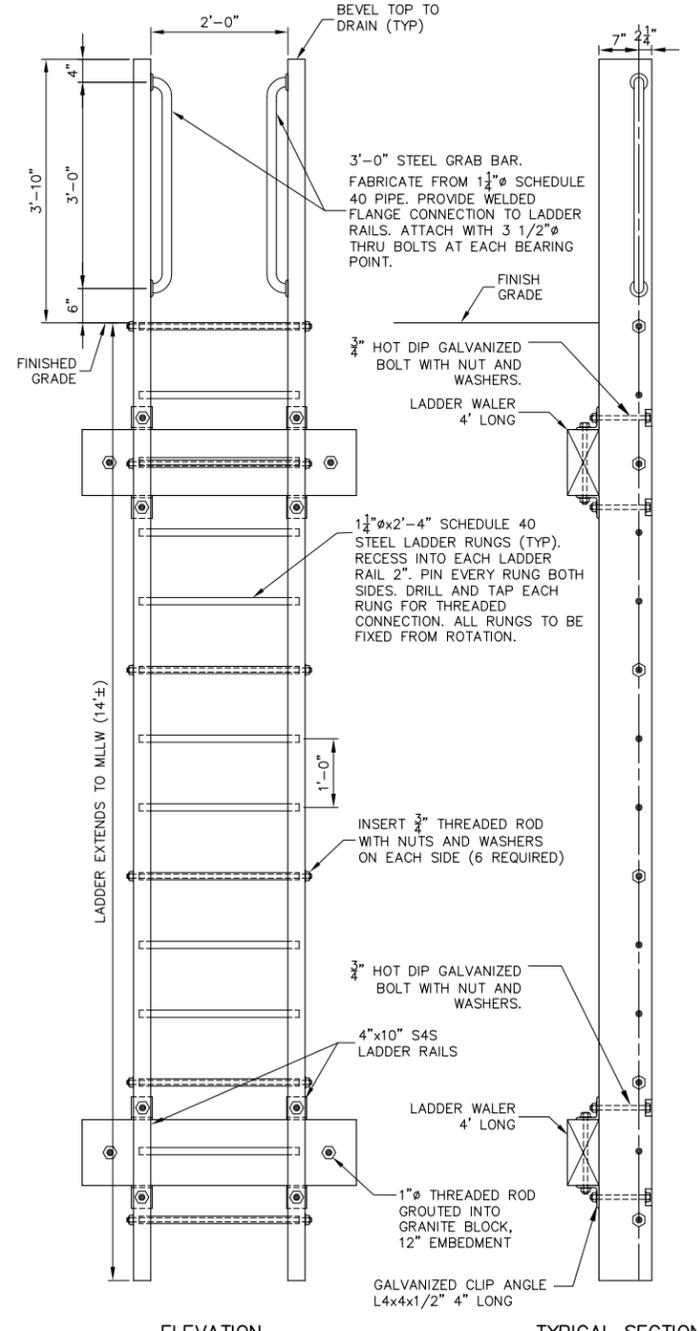


PILE STANDOFF BRACKET - PLAN

SECTION A



FENDER PILE CONNECTION DETAIL WITH FACE SHEATHING AT PILES P8 THRU P12



ELEVATION

TYPICAL SECTION

LADDER DETAIL



BAKER DESIGN CONSULTANTS
Civil, Marine, and Structural Engineering
7 Spruce Road • Freeport • Maine • 04032 • 207-866-3724 • info@bakerdcs.com

NO.	DATE	D/B	INT.
A	3-30-15	D/B	
B	4-16-15	D/B	
		D/B	

DESIGNED BY: DJB
DRAWN BY: JJC
CHECKED BY: BJB
SCALE: AS SHOWN

STATE OF MAINE
BARNEY J. BAKER
No. 5737
LICENSED PROFESSIONAL ENGINEER

SHEET TITLE: STRUCTURAL DETAILS
PROJECT: TOWN OF CAMDEN PUBLIC LANDING IMPROVEMENTS
CAMDEN, MAINE

DATE: MAR 2015
CONTRACT NO.: 14-15
SHEET NO.: S-4
REV.: B

Date: 4/21/2015

Username:

Division: HIGHWAY

Filename: ... \MSTALightingPlan_E-1.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



Carl L. Anderson
SIGNATURE
10104
P.E. NUMBER
04-21-2015
DATE

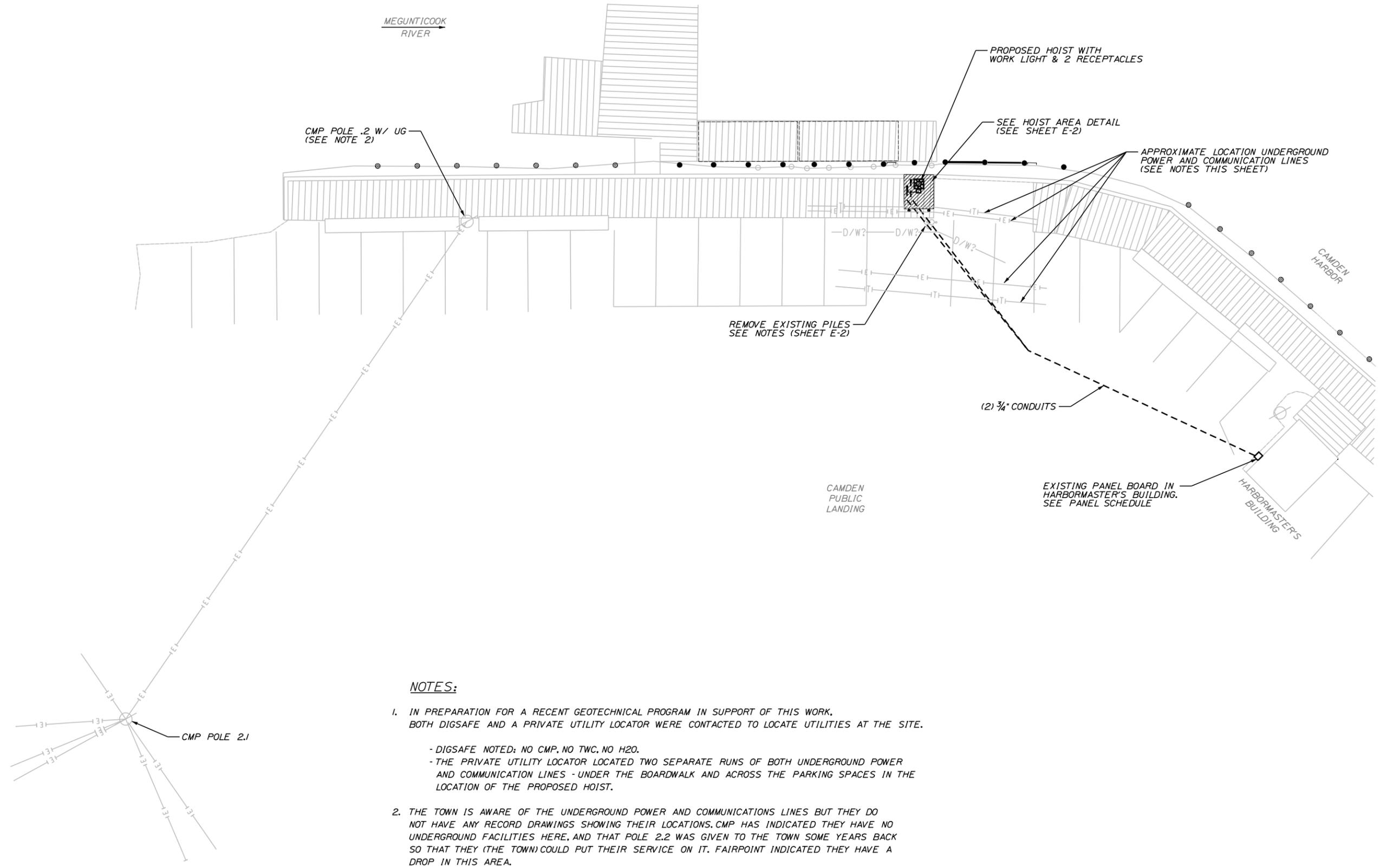
PROJ. MANAGER	P. Finish	BY	DATE
DESIGN DETAILED	CL.A	PEM	4/6/2012
CHECKED-REVIEWED	KEK	CL.A	7/13/2012
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CAMDEN
PUBLIC LANDING
LIGHTING PLAN

SHEET NUMBER

E-1

TYLIN INTERNATIONAL



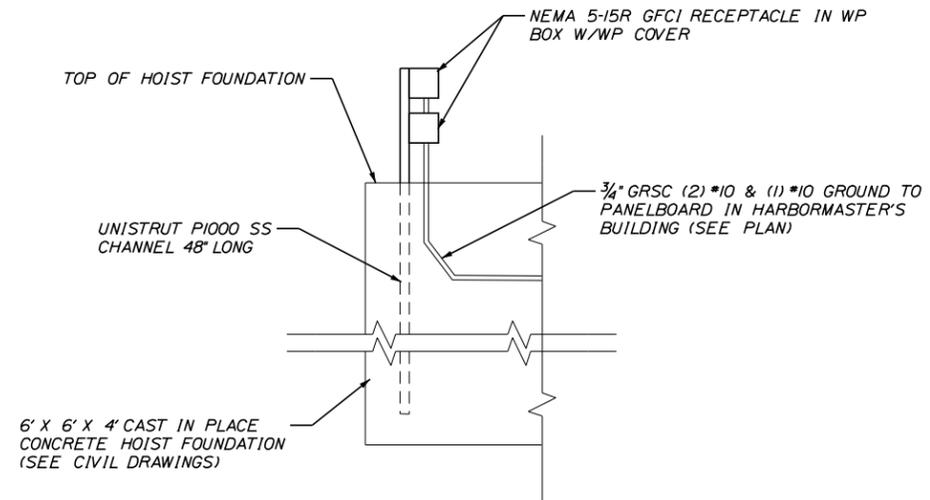
NOTES:

- IN PREPARATION FOR A RECENT GEOTECHNICAL PROGRAM IN SUPPORT OF THIS WORK, BOTH DIGSAFE AND A PRIVATE UTILITY LOCATOR WERE CONTACTED TO LOCATE UTILITIES AT THE SITE.

- DIGSAFE NOTED: NO CMP, NO TWC, NO H2O.
- THE PRIVATE UTILITY LOCATOR LOCATED TWO SEPARATE RUNS OF BOTH UNDERGROUND POWER AND COMMUNICATION LINES - UNDER THE BOARDWALK AND ACROSS THE PARKING SPACES IN THE LOCATION OF THE PROPOSED HOIST.
- THE TOWN IS AWARE OF THE UNDERGROUND POWER AND COMMUNICATIONS LINES BUT THEY DO NOT HAVE ANY RECORD DRAWINGS SHOWING THEIR LOCATIONS. CMP HAS INDICATED THEY HAVE NO UNDERGROUND FACILITIES HERE, AND THAT POLE 2.2 WAS GIVEN TO THE TOWN SOME YEARS BACK SO THAT THEY (THE TOWN) COULD PUT THEIR SERVICE ON IT. FAIRPOINT INDICATED THEY HAVE A DROP IN THIS AREA.
- THE UNDERGROUND LINE MARKED "D/W?" IS A LINE ALSO LOCATED BY THE PRIVATE UTILITY COORDINATOR AT A DEPTH OF APPROXIMATELY 5 FEET. THIS COULD BE A TOWN WATER LINE OR DRAINAGE LINE.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT DIGSAFE TO LOCATE ALL UTILITIES WITHIN THE WORK AREA. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES - INCLUDING THOSE IDENTIFIED BY PRIVATE UTILITY LOCATION AS PART OF THE GEOTECHNICAL PROGRAM - PRIOR TO PERFORMING INTRUSIVE WORK AT THE SITE.

CIRCUIT DIRECTORY EXISTING PANEL			
1	(L1) EXIST. CIR. TO REMAIN	2	(L1) EXIST. CIR. TO REMAIN
3	(L2) EXIST. CIR. TO REMAIN	4	(L2) EXIST. CIR. TO REMAIN
5	(L1) WORK LIGHT 50A/2P *	6	(2) RECEPTACLES AT HOIST *
7	(L2) HOIST 50A/2P *		

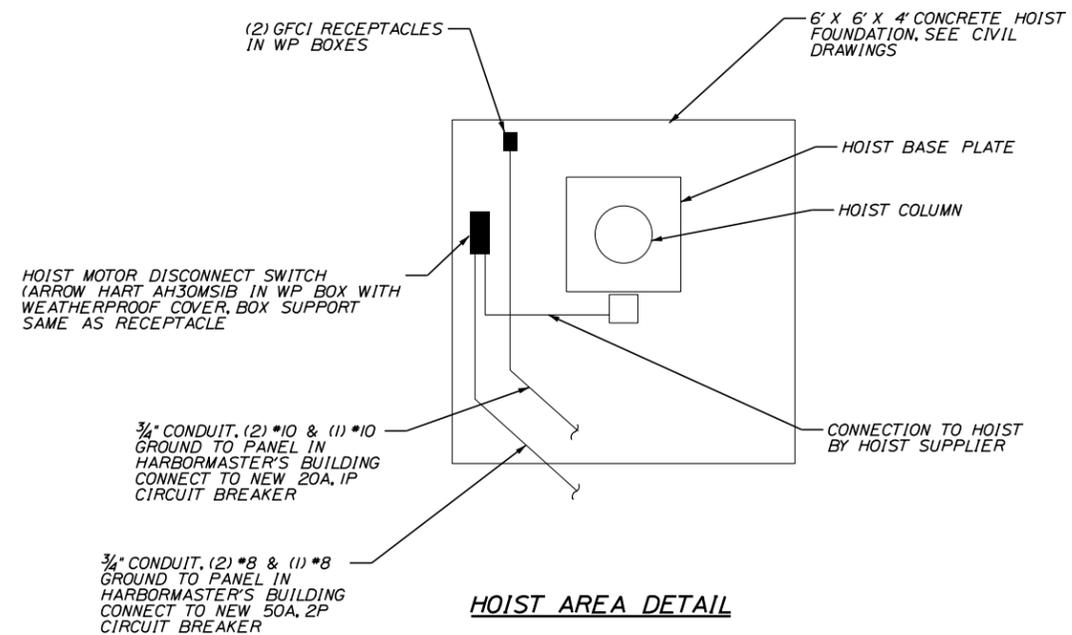
* PROVIDE (2) GE 1" THOL CIRCUIT BREAKERS FOR NEW CIRCUITS 5/7 & 6.



RECEPTACLE MOUNTING DETAIL

LIGHTING NOTES:

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), TOWN OF CAMDEN REQUIREMENTS AND APPLICABLE ITEMS OF THE MOST RECENT MAINE DEPT. OF TRANSPORTATION (MEDOT) SPECIFICATIONS FOR MISCELLANEOUS CONSTRUCTION, SECTION 634- HIGHWAY LIGHTING AND STANDARD DETAILS FOR DIVISION 600 MISCELLANEOUS CONSTRUCTION UNLESS NOTED OTHERWISE.
- WHERE CONDUIT IS REQUIRED TO PASS OVER DRAINAGE CULVERTS OR OTHER OBSTRUCTIONS AND THE SPECIFIED BURIAL DEPTH OF CONDUIT CANNOT BE MAINTAINED THE CONTRACTOR SHALL PROVIDE CONCRETE PROTECTION OF CONDUIT IN ACCORDANCE WITH NEC TABLE 300.5.
- IN GENERAL THE SCOPE OF WORK WILL INCLUDE THE INSTALLATION OF A COMPLETE SYSTEM INCLUDING CONDUIT, CIRCUIT CONDUCTORS, GROUNDING, JUNCTION BOXES, RECEPTACLES, SUPPORT OF RECEPTACLES, CONNECTION TO HOIST, WORK LIGHT AND EXISTING PANEL BOARD WORK, BACKFILLING, PLACEMENT OF AGGREGATE SUBBASE AND HMA, AND PAVEMENT MARKINGS ARE INCIDENTAL TO PAY ITEM 626.45.
- DRAWINGS ARE DIAGRAMETRIC, THE ACTUAL CONDUIT, WORK LIGHT AND RECEPTACLE PLACEMENT SHALL BE SUCH AS TO NOT CONFLICT WITH ANY EXISTING OR NEW UTILITIES OR SITE FEATURES. PLACEMENT OF RECEPTACLES AND DISCONNECT SWITCH AT HOIST LOCATION SHALL NOT INTERFERE WITH OPERATION OR MOVEMENT OF HOIST.
- INSTALLATION OF ALL UNDERGROUND CONDUITS WILL COMPLY WITH MAINE DOT STANDARD DETAIL 626 (07).
- ALL CONDUCTORS SHALL BE COPPER WITH TYPE XHHW INSULATION.
- ALL RECEPTACLES SHALL BE 15 AMP GFCI TYPE NEMA 5-15R WITH NYLON FACE AND BODY IN CAST MALLEABLE IRON GALVANIZED BOX WITH WEATHERPROOF WHILE IN-USE COVER (COOPER WIU-IVX OR EQUAL).
- THE EXISTING PILES WITH DECORATIVE LIGHTING AND RECEPTACLES (FORMERLY POLE P5 1/3) SHALL BE REMOVED. THE CONTRACTOR SHALL MAINTAIN ELECTRIC AND TELEPHONE SERVICES TO HARBORMASTER'S BUILDING AND DOCK/PIER FACILITIES.
- CONDUIT LOCATED UNDERGROUND MAY BE SCHEDULE 40 PVC, PRIOR TO RISING UP FROM BELOW GROUND TRANSITION TO RIGID TO RIGID STEEL CONDUIT. ALL EXPOSED CONDUIT SHALL BE GALVANIZED RIGID STEEL.



HOIST AREA DETAIL



Carl L. Anderson
SIGNATURE
10104
P.E. NUMBER
04-21-2015
DATE

PROJ. MANAGER	DATE	BY	REVISIONS	FIELD CHANGES
DESIGN-DETAILED	4/6/2012	PEM		
CHECKED-REVIEWED	7/13/2012	CLA		
DESIGN-DETAILED		CLA		
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				

CAMDEN
PUBLIC LANDING
LIGHTING PLAN NOTES
& DETAILS

SHEET NUMBER

E-2