



PORT HOUSTON

THE INTERNATIONAL PORT OF TEXASSM

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL

Jessica Shambra, PE | Project Manager | Project & Construction Management (PCM)



Port Commission



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™



Ric Campo
Chairman



Dean E. Corgey



Clyde Fitzgerald



Theldon R. Branch, III



Stephen H. DonCarlos



Roy D. Mease



**Wendolynn "Wendy"
Montoya Cloonan**

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



AGENDA

1. Introductions
2. Harris County
3. Small Business
4. Procurement Services
5. Selection Criteria
6. Scope of Work
7. Questions

*All attendees must sign-in and indicate attendance for site visit

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PHA Personnel:

Randy Stiefel – Director of General Cargo Facilities

Roger Hoh – Director of Project & Construction Management

Don Smith – Manager of Engineering Design & Planning

Jessica Shambra – Project Manager

Ross Talbot – Construction Projects Delivery Manager

Oscar Zavala – Construction Manager

Yvette Camel-Smith – Director of Procurement

Dean Ainuddin – Contracts Manager

Pedro Gonzalez – Small Business Manager

Harris County:

Robert Rocha – Wage Rate Monitor

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



Harris County Wage Rate Compliance & Requirements:

- Attendance at pre-bid/proposal meetings and pre-construction meetings
- Review and approve weekly certified payroll records
- Monitor wage rate compliance
- Review claims of non-compliance from the field and recommend appropriate responses as required or permitted under the Wage Scale Act

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



Small Business Requirement:

- Participation Goal Small Business is 35% of the Purchase Price
- Small Business Participation and the Local Business criterion shall not exceed the Relative Weight of 3%

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



Procurement:

- Competitive Sealed Proposals (CSP) are due on **October 30, 2019 no later than 11:00 A.M.**
- One original and six (6) copies, packaged in one sealed envelope
- All proposals will be opened and read publicly in the PHA first floor conference room by Procurement Services on Wednesday, October 30, 2019 at 11:30 A.M.
- All responses to the CSP will be dated and the time received recorded upon receipt. PHA will not be responsible for late or incomplete responses due to mistakes or delays of the Respondent or carrier used by the Respondent or weather delays. A postmark is not sufficient. **LATE SUBMITTALS WILL NOT BE EVALUATED.**

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



Selection Criteria:

The Port Commission will award the contract to the responsible proposer submitting the lowest and best proposal.

Responsible:

1. Meet the applicable Small Business Participation requirements, if any;
2. Have the ability to comply with the required delivery or performance schedule, taking into consideration other business commitments;
3. Have a satisfactory record of performance and integrity;
4. Have satisfactory safety and environmental record;
5. Have satisfactory references; and
6. Have the necessary facilities, equipment, materials, personnel, organization, experience, authorizations, technical skills, and financial resources to fulfill the terms of the contract for the project

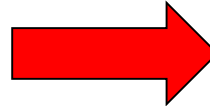
CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Competitive Sealed Proposal Response:

- Page 2 – Required Attachments



PORT OF HOUSTON AUTHORITY
Competitive Sealed Bid / Proposal Response

For detailed instructions regarding the completion of this Competitive Sealed Bid / Proposal Response form and other related forms, or the submission, evaluation, or ranking of proposals or bids, see Instructions to Respondents.

If Respondent Company Business Entity is privately held, please list all equity owners and their contact information: <small>(if not enough room, list on separate sheet)</small>	Name	Address	Telephone

Part C: Response Attachments

Complete and attach the following required documents to the Competitive Sealed Bid / Proposal Response in the order listed below. Except as noted below, all required attachments are due to be submitted as one package by the Response Due Date. Those noted below as not required by the Response Due Date are due to be submitted by 11:00 A.M. the day following the Response Due Date in a sealed envelope to the same address as the Response. Regardless of delivery method or circumstance, any Response received after the specified time and date will be returned to the Respondent unopened. Any Response submitted using forms other than those provided by the Port Authority, when such forms are provided, or including any of the documentation requested, may be rejected by the Port Authority.

Attachment	Provide by 11:00 A.M. Following Day	Attachment No.	Attachment Name ^[1]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Attachment 01	Price Form, including Price Exhibit
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Attachment 02	Bid / Proposal Security (PHA Bid / Proposal Bond form, Cashier's Check*, or Certified Check*) ^[2]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Attachment 03	Project Experience Form (Last 5 projects awarded & additional relevant experience)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Attachment 04	Professional References Form
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Attachment 05	Safety Record Data Form
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Attachment 06	Background Information Form
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Attachment 07	Work Breakdown Form
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Attachment 08	Small Business Plan
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Attachment 09	Small Business Participation Letters of Intent
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Attachment 10	Small Business Participation Good Faith Effort
<input type="checkbox"/>	<input type="checkbox"/>	Attachment 11	Certificate of Residency
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Attachment 12	Disclosure of Former Port Authority Employees
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other	Conflict of Interest Questionnaire

[1] Except where noted otherwise by ***, each attachment submitted must be on the Port of Houston Authority form included in the Bid / Proposal Documents.

[2]: Cashier's Checks and Certified Checks must be drawn on banks insured by the F.D.I.C. Uncertified company or personal checks, money orders, cash or other forms of security are not acceptable. All Bid / Proposal Bonds must be furnished on the Port Authority's Bid / Proposal Bond form, provided in the Bid / Proposal Documents. Bid / Proposal Bonds must be executed by a corporate surety duly authorized and admitted to do business in the State of Texas and licensed by this State to issue surety bonds. The surety must be listed in the current issue of the Federal Register, Department of the Treasury list and must show adequate bonding capacity for the size of the proposed Port Authority project. The Port Authority will not accept bonds from surplus lines or Texas Lloyds Plan Insurance companies. The Port Authority shall be the sole judge of the validity and adequacy of any and all bonds submitted.

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Scope of Work:

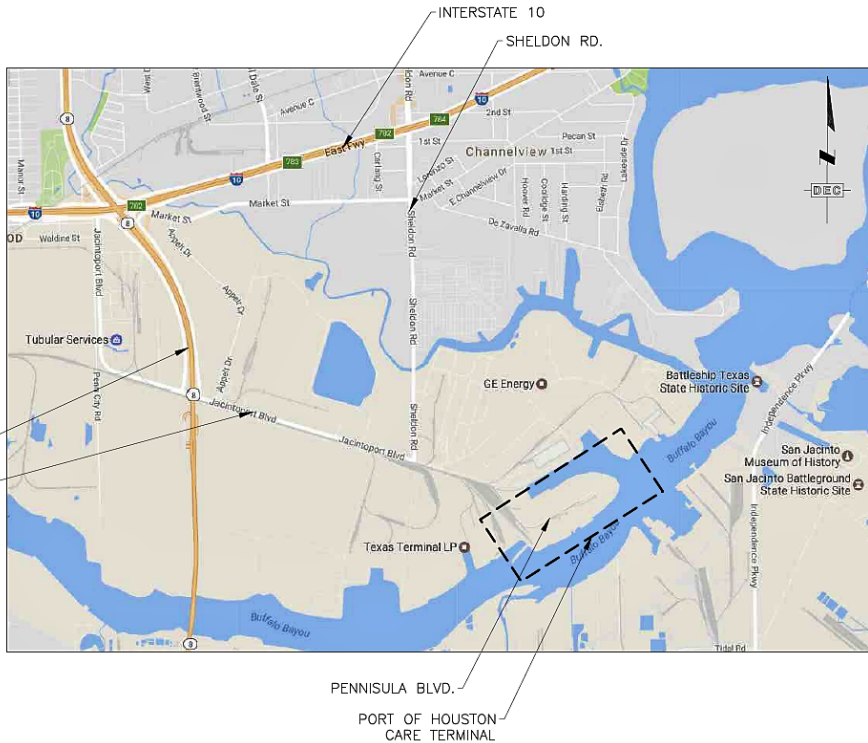
- Location of the Project
- Existing Condition
- Fender System Plan and Details
- Temporary Fender Installation (Phasing)
- Price Exhibit
- Special Conditions

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Location of the Project



Vicinity Map

Location Map



Wharf 2

Wharf 1

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Existing Conditions



WHARF 1 (Per ASCE SPM 101)



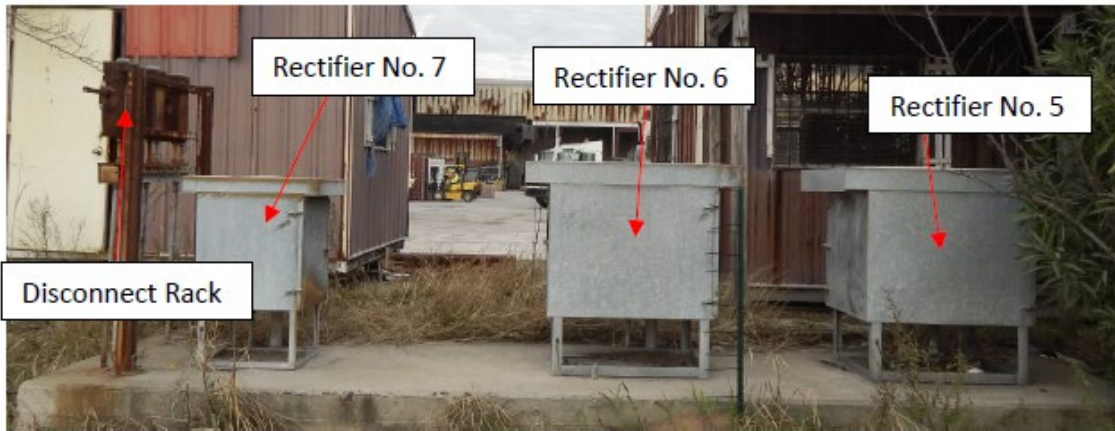
WHARF 2 (Per ASCE SPM 101)

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

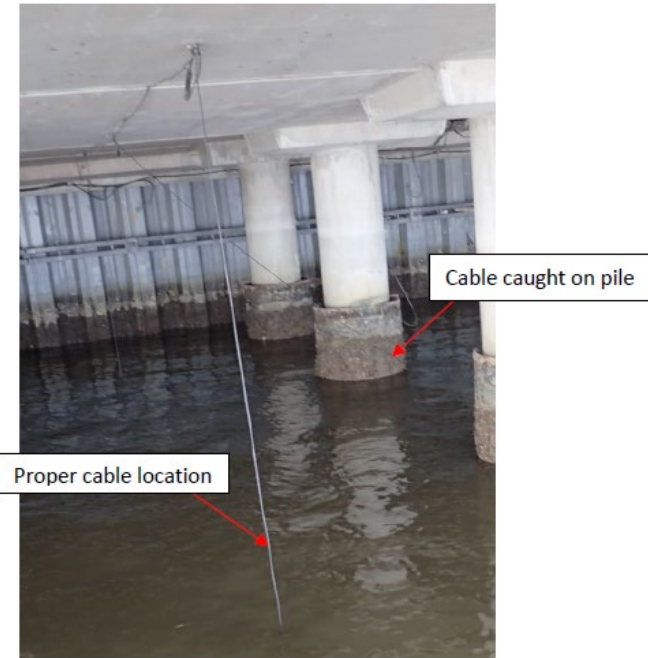
Existing Cathodic Protection System



Wharf 1 Rectifiers

	Examined	Percentage	Projected
Anode Rods	17	55%	36
Severed Cable	10	32%	21
Anode Discs	4	13%	9
Totals	31	100%	66

Anode Condition



Anode
Cables

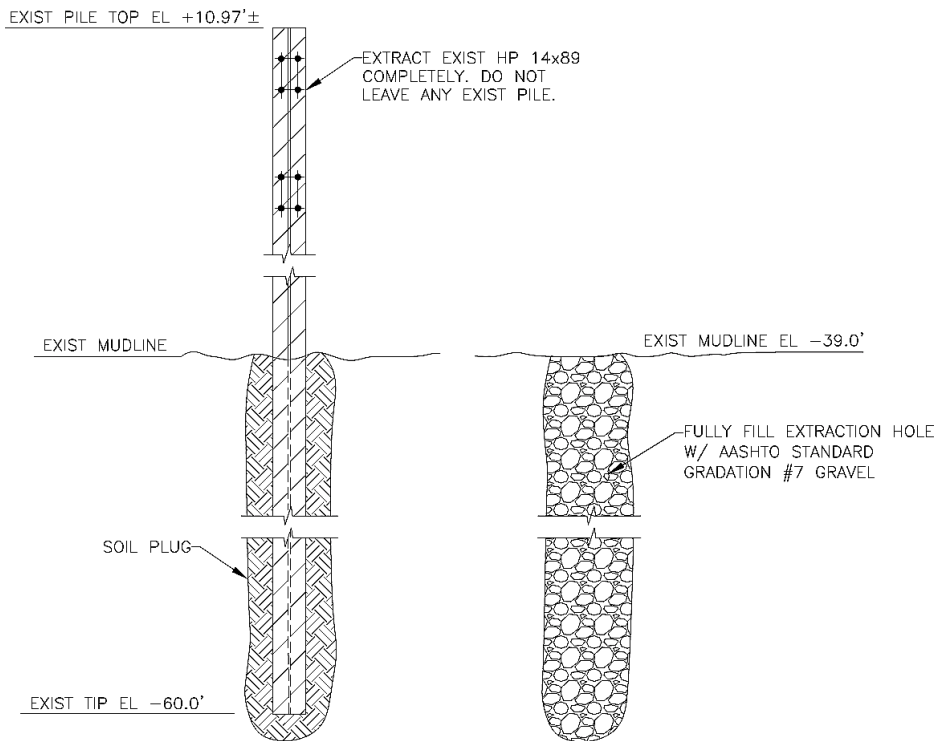
CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



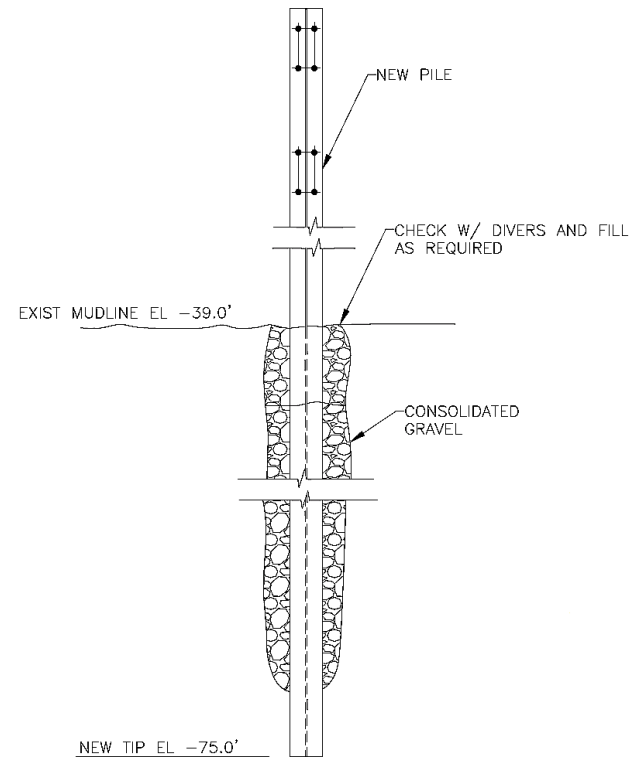
PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Fender System Details

➤ Pile Replacement:



Extraction and fill



Extraction and Re-drive

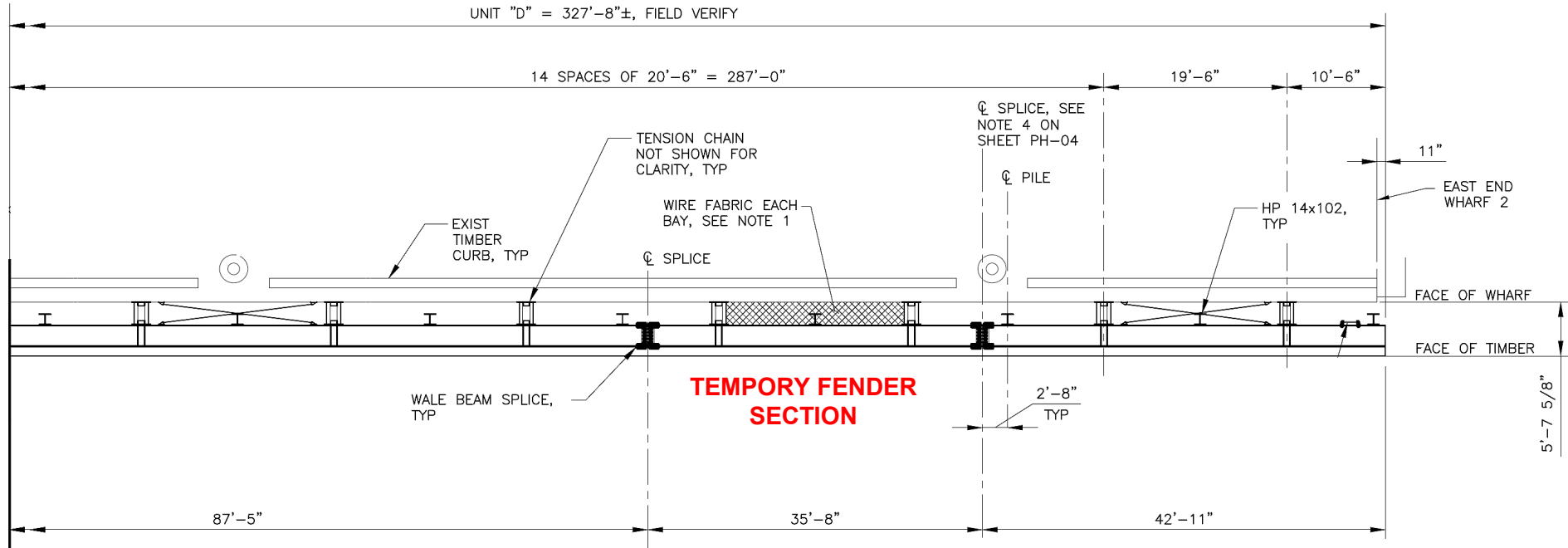
CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Fender System Details

➤ New Fender System Partial Plan:



Typical Fender Section

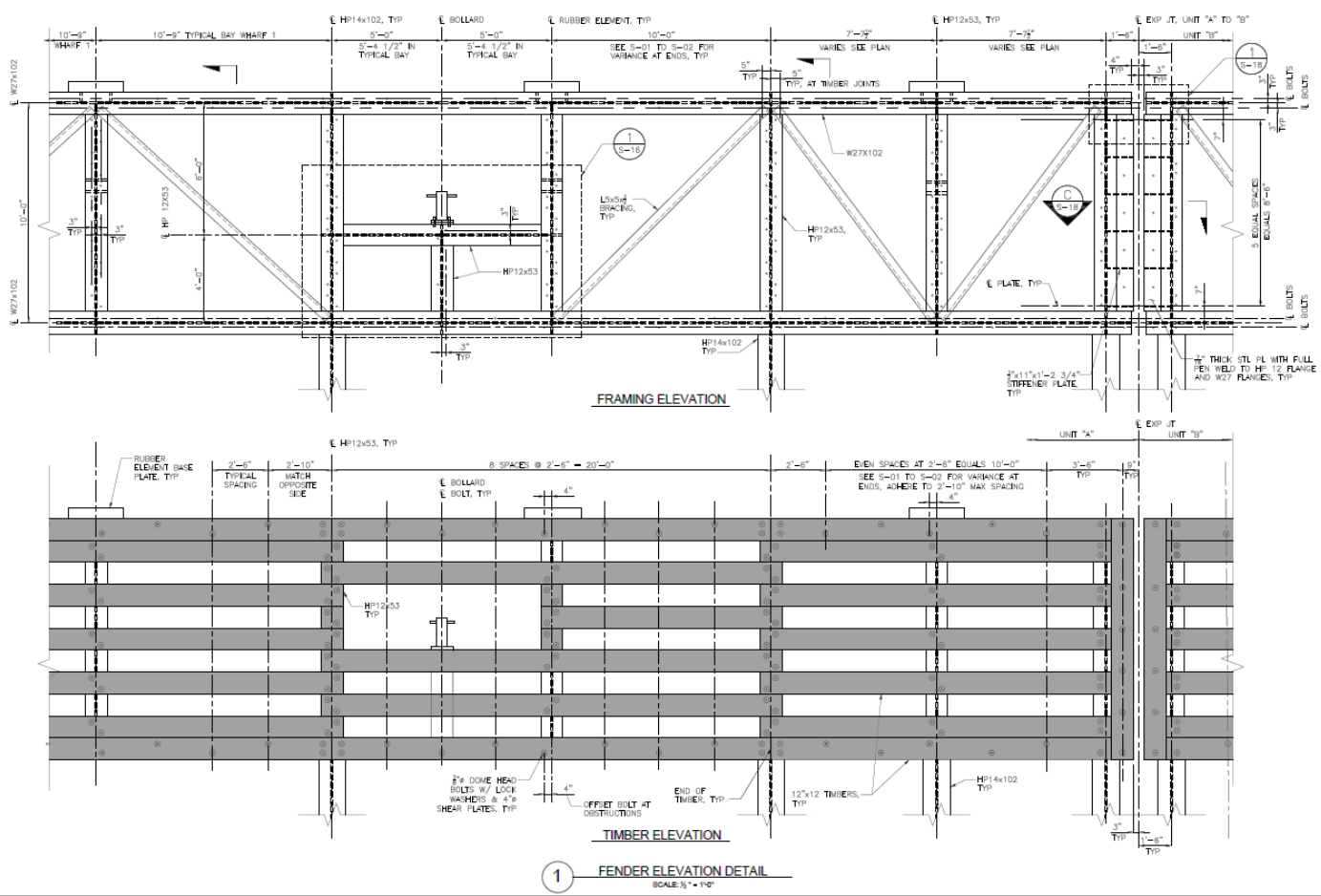
CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Fender System Details

➤ New Fender System Elevation:

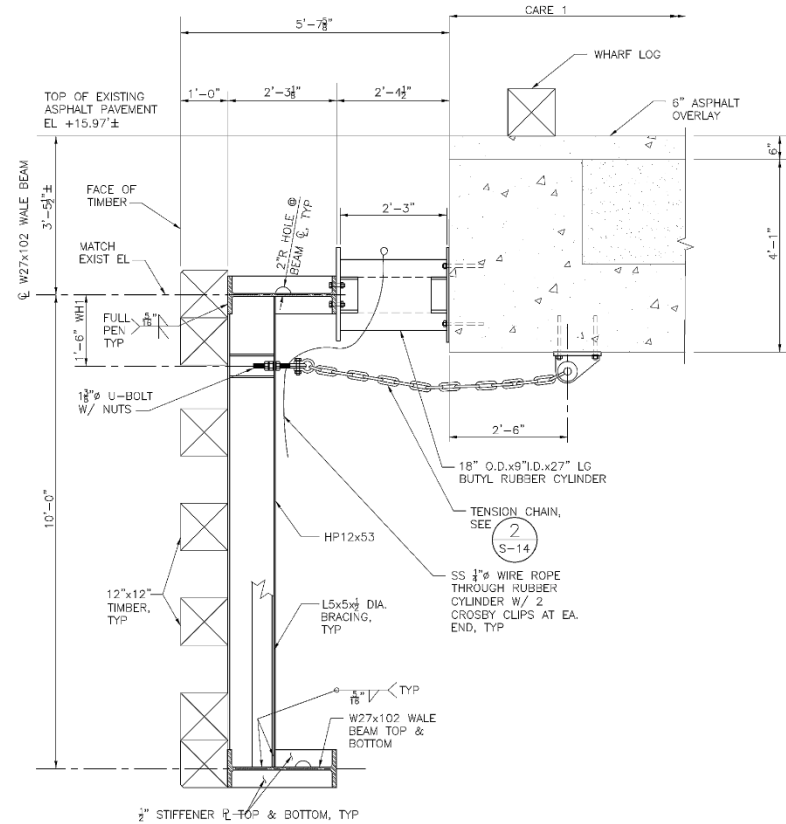
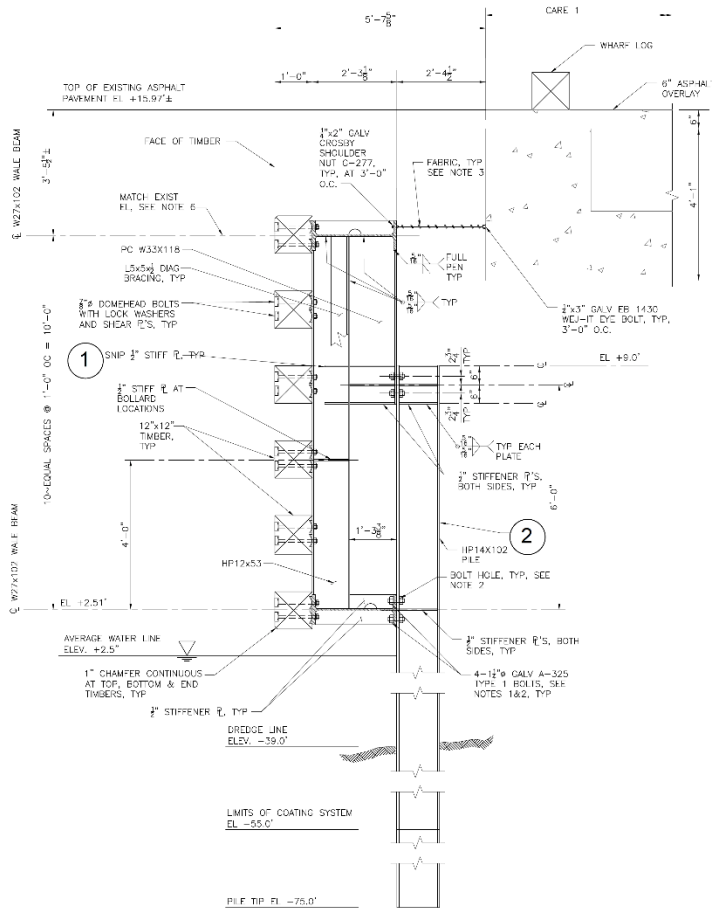


CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Fender System Details



Fender Section Between New Pile

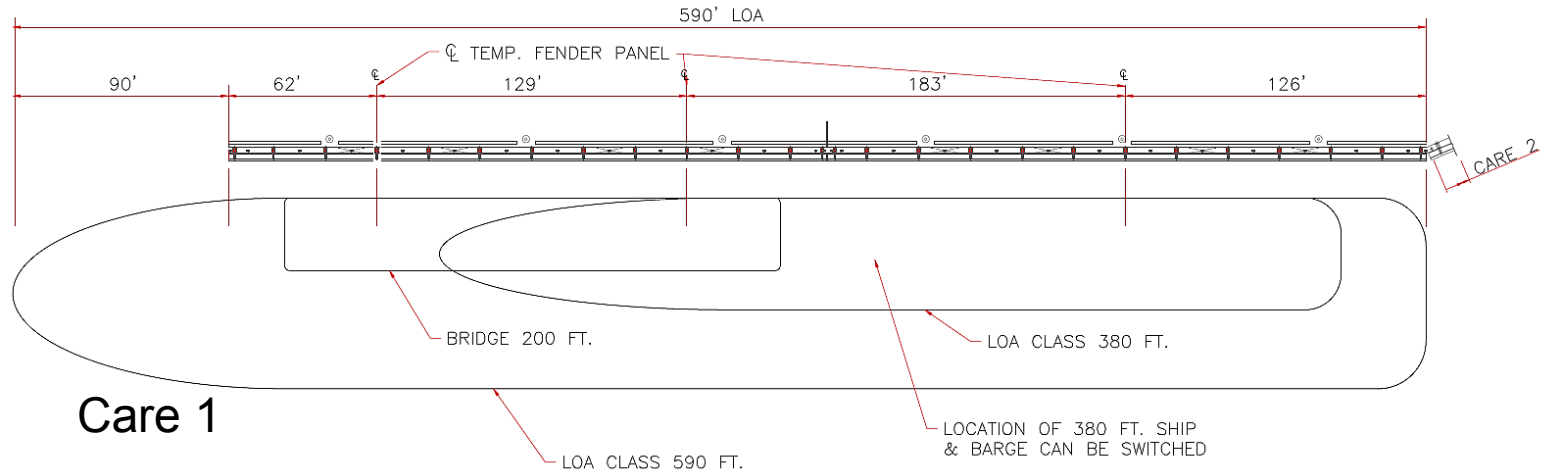
Fender Section with New Pile

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL

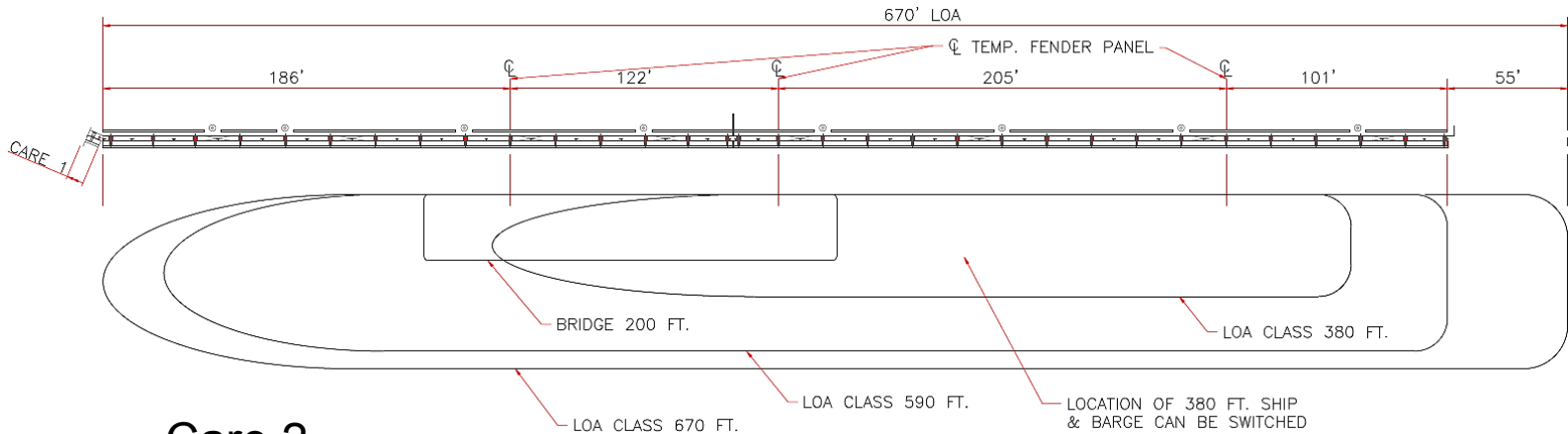


PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Temporary Fender Recommended Locations



Care 1



Care 2

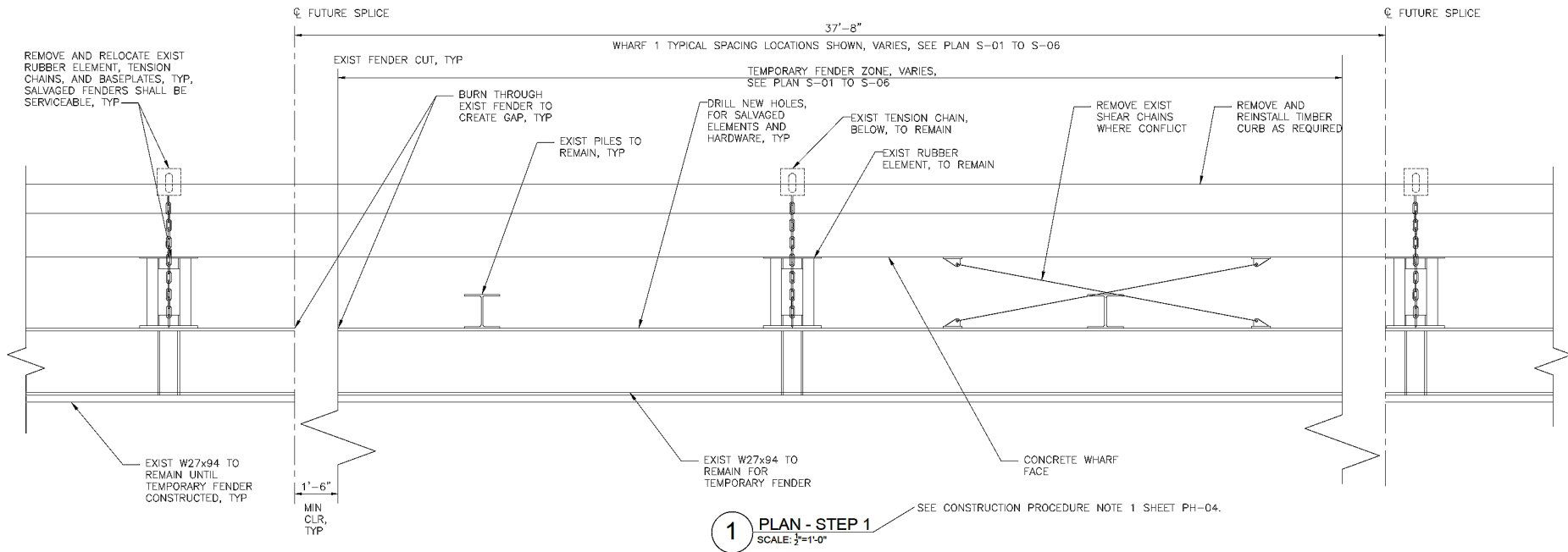
CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Temporary Fender Installation

- Step One – Identify Temporary Fender's location and Cut Existing Frame



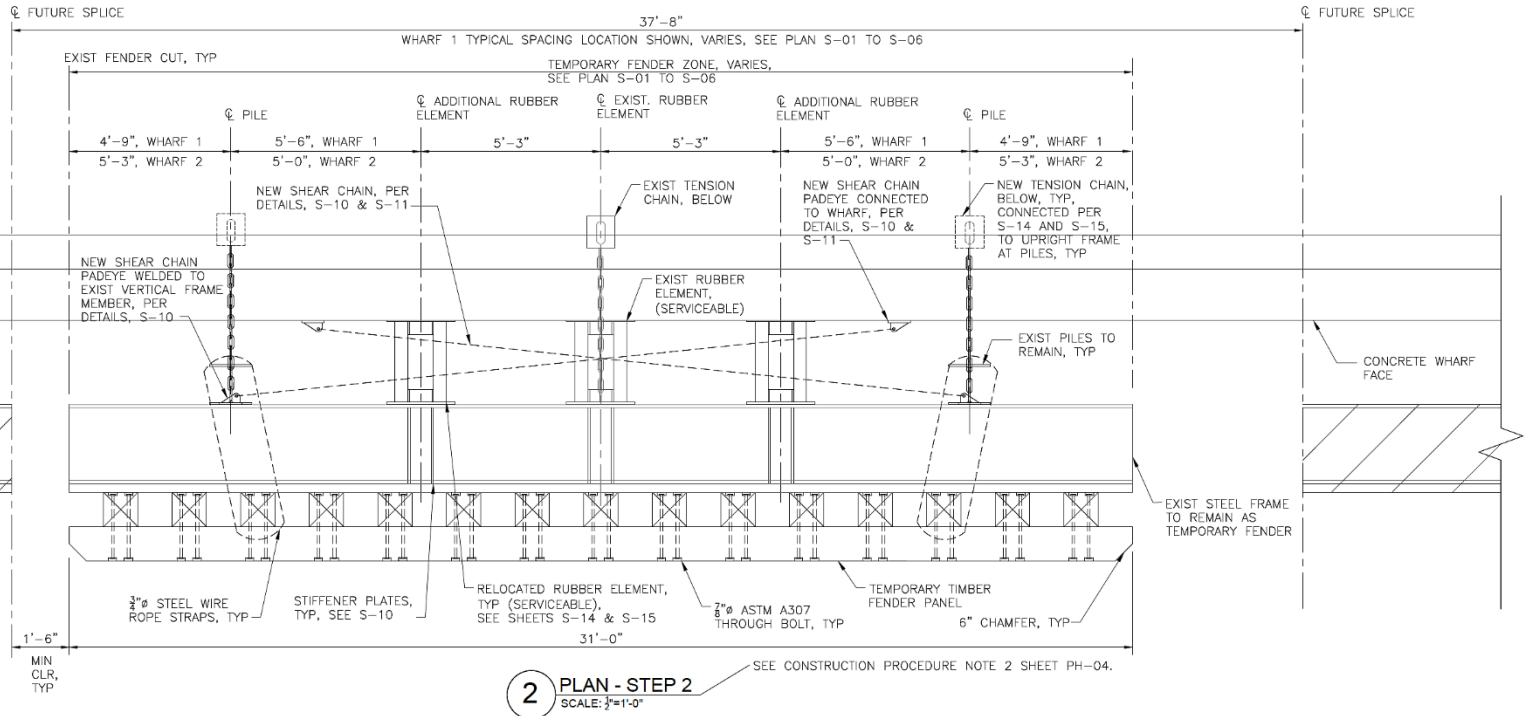
CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Temporary Fender Installation

- Step Two – Construct temporary fender frame system. Once complete demolish existing frame system to either side.



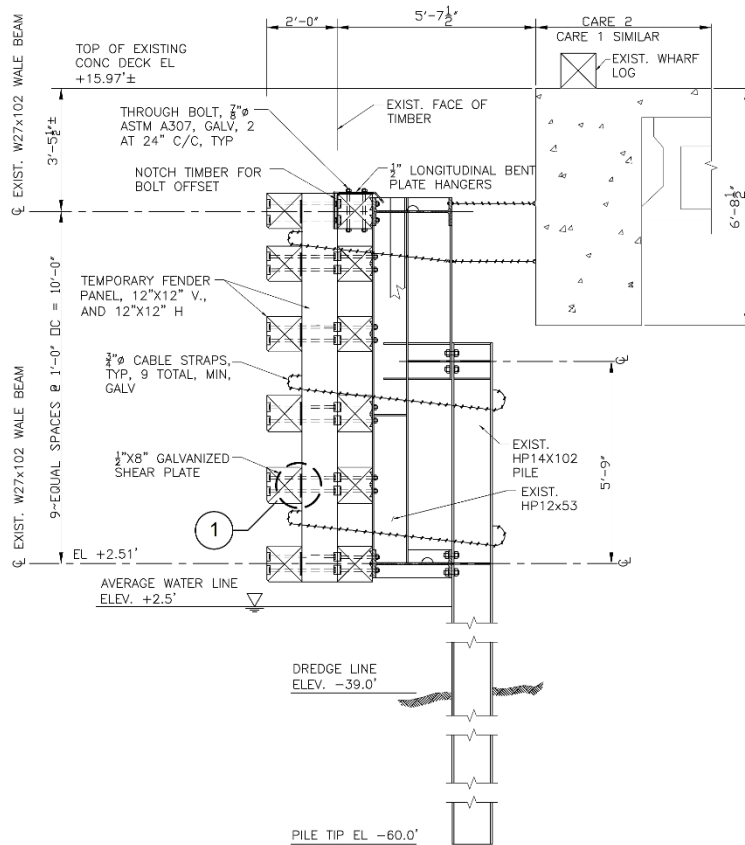
CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



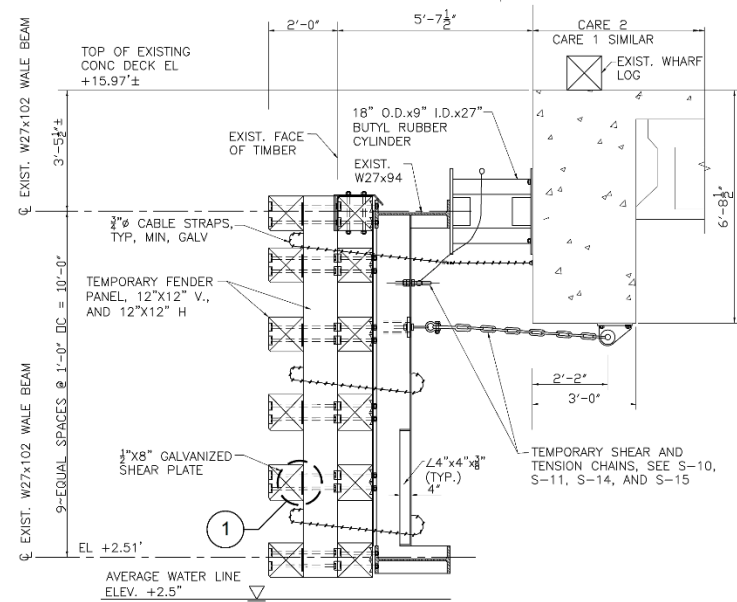
PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Temporary Fender Installation

- Final Temporary Section Details:



Fender Section with New Pile



Fender Section Between New Pile

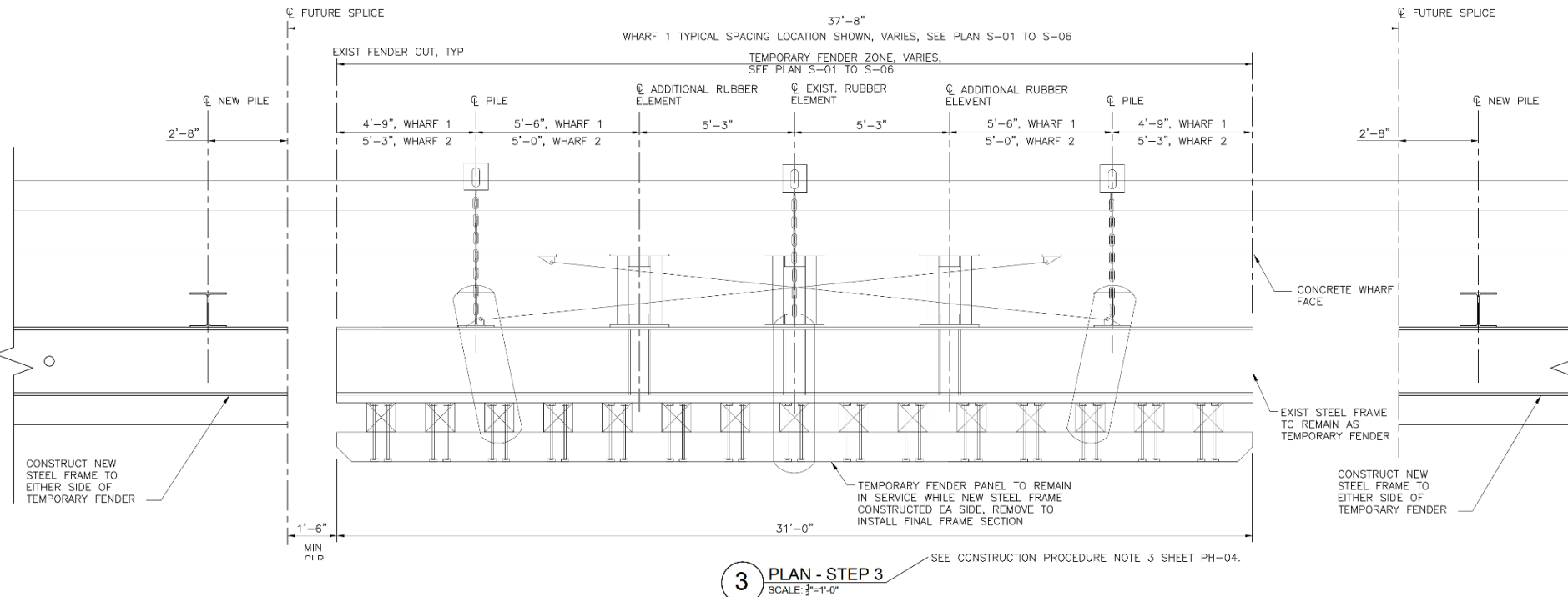
CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Temporary Fender Installation

- Step Three – Construct new frame system to either side of temporary fenders.



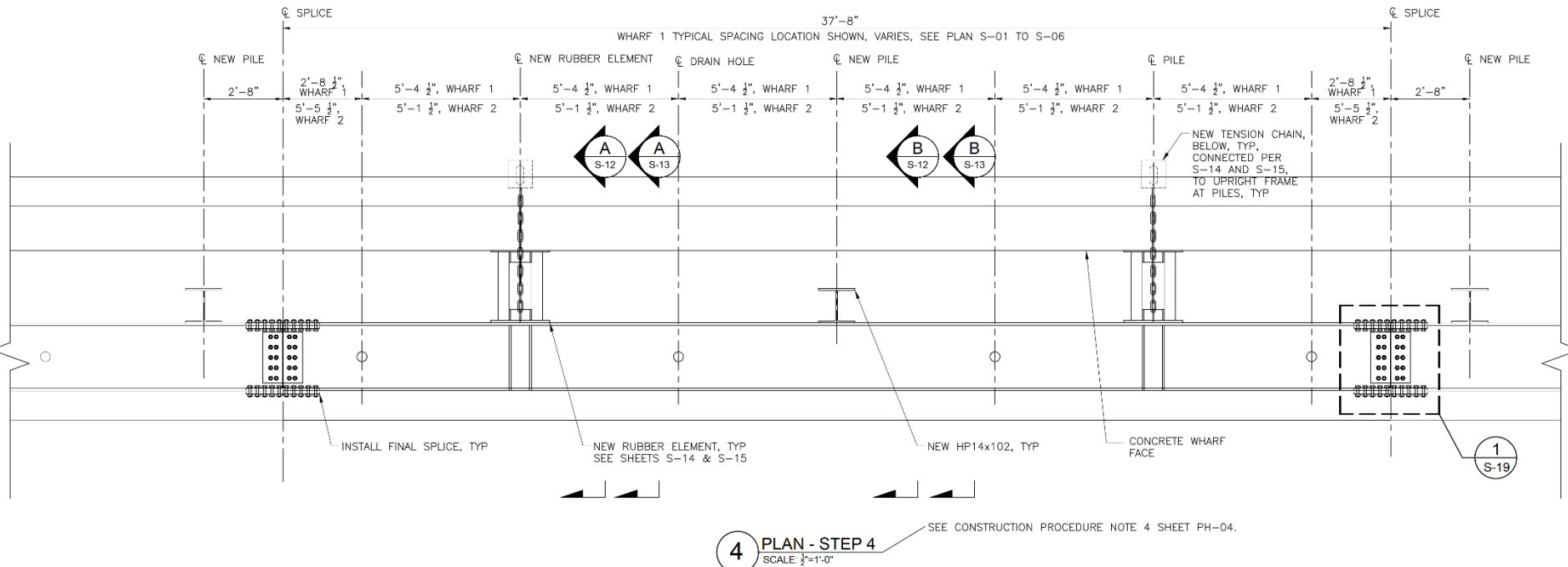
CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

Temporary Fender Installation

- Step Four – Move the temporary fender systems to the adjacent new fender system and install final piles, splice frame lengths, and hardware.



CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



Considerations

- All temporary fender system shall be installed at the same time at each wharf. It is highly recommended to fabricate as much as possible off-site to keep the momentum.
- Two kind of interruptions during construction due to phasing:
 1. Contractor shall cease all work and move to another berth as needed
 2. Contractor shall stop work if both wharves are at berth simultaneously

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



Price Exhibit

- Not a divisible proposal
- **ALL BLANKS MUST BE FILLED IN ON EVERY PAGE OF THE PRICE EXHIBIT**
- Authorized Relocation
 - At least half day of work performed
 - Leave Wharf ready for berthing of ships
 - To be confirmed by PHA
- Authorized Standby Day
 - No work can reasonably can be performed
 - Leave Wharf ready for berthing of ships
 - To be confirmed by PHA
- Authorized Relocation and Standby Day will not occur in same day(s)

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



Special Conditions Highlights

- Contract is for 420 calendar days
- Liquidated damages are \$400/day
- No night work
- Extended working days and/or weekend work to be coordinated with PHA
- Work schedule will be dependent on Tenant operations and subject to change
- Coordination with PHA and tenant is required throughout

CSP-1312 REPLACE FENDER SYSTEM AT WHARVES 1 & 2 AT CARE TERMINAL



SITE VISIT RULES

- No photographs – leave cell phones in your pockets or purses
- Stay with group
- PHA certified TWIC escorts must accompany individuals without a TWIC card
- Safety vests, hard hat, safety glasses
- No open-toed shoes
- Personal flotation devices if within 20' of face of wharf
- Comply with your company's safety policy



PORT HOUSTON
THE INTERNATIONAL PORT OF TEXAS™

THANK YOU

Jessica Shambra, PE

Project Manager
Port Houston

Questions?

713.670.2527

jshambra@porthouston.com

www.PortHouston.com

111 East Loop North
Houston, TX 77029