



**Alabama State Port Authority**  
***Addendum to R&P or Specification Booklet***

**Project Name: Pier B South Replacement**

**Project: 11283 Task 02**

**ADDENDUM No. 2**

**To:** Prospective Bidders

**Date:** 9/3/2025

This Addendum contains the following information and becomes a part of the Bid Package.

Item	Description
1	Clarifications to drawings and specifications
2	Responses to bid RFIs
3	Updated Schedule of Prices (Base Bid only)
4	Appendix E Supplement
5	MA-04, Pier & Relieving Platform Substructure Plans Areas 2 & 3 - Revision E

Please indicate your receipt of this addendum by adding the addendum number in the appropriate place in your Requisition & Proposal or Specification Book.

**Project Manager:**

*Matthew Thomas*

**Matt Thomas, P.E.**  
**Facilities Engineer**

**9/3/2025**

**Date**



## Alabama State Port Authority

**Project Name** Pier B South Replacement

**Location** Mobile, AL

**Project #** 11283 **Task #** 02

**September 3, 2025**

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### Addendum No. 02

#### Reference Drawings

1. MA-01, Pier & Relieving Platform Index Plan, Proposed Sequencing Plan “Notes”: Add Item C as follows –  
  
C. After piling installations (augercast and precast) and prior to installing pier caps, beams, and deck; the Contractor shall provide an as-built survey for the full length of the top of the existing steel sheet pile wall/cap to adjust for potential deflections that may have occurred during pile installation.
2. GA-04, General Notes and Abbreviations, I. Select Fill, note 1: Revise as follows –  
Change technical specification from 02 30 00 – Excavation and Fill to  
31 23 33 – Excavation Backfill and Compaction.
3. SD-01, Standard Details Precast Pile Details, Precast Concrete Piles, Note 1: Revise as follows – Change technical specification from 03 31 30 to 03 30 00.
4. SD-01, Standard Details Precast Pile Details, Precast Concrete Piles, Note 5: Revise as follows – Change technical specification from 03 40 00 to 31 62 13.
5. MA-04, Refer to Revision E on attached drawing.
6. MA-03, Revise existing Bent 1 sheet pile note as follows –  
  
Note: After demolition of existing pier, limit construction surcharge loads behind existing return sheet pile wall to max 100 psf until Bent 0.5 is installed and pier is complete.
7. MA-06/MA-07, Pier & Relieving Platform Deck Plans: Revise relieving platform “EJ” designation to Construction Joint “CJ” designation.
8. GA-04, Section D, Adjacent Building Monitoring: Add the following to Note 1 –

### Settlement Surveying and Monitoring:

- Specify number and locations of monitoring points for each structure in monitoring plan for review and approval. Survey and monitor the settlement of structures, providing  $\pm 0.005$  foot accuracy, recording elevations to 0.001 foot:
  1. before beginning construction
  2. daily, during the driving of any casings, piling, or sheeting,
  3. daily, during compaction
  4. daily, during foundation drilling
  5. weekly, for two weeks after stopping pile driving
  6. during excavation
  7. during blasting
  8. or, as directed by the Engineer
- Upon either detecting movement of 0.010 feet or damage to the structure, immediately stop the construction operations affecting the structure. Notify the Engineer and submit a corrective action plan for acceptance by the Engineer.
- Submit settlement monitoring records to the Engineer on a weekly basis.

### Vibration Monitoring:

- The contractor shall engage a third-party testing agency to provide a system which will continuously monitor and record ground vibration levels near the structures specified above during the operation of any equipment causing vibrations.
  - Provide vibration monitoring equipment capable of detecting velocities of 0.01 inches per second or less.
  - Specify number and locations of monitoring points for each structure in monitoring plan for review and approval per the testing agency's recommendations.
  - Submit the vibration records to the Engineer within 24 hours of performing the monitoring activity.
  - Upon either detecting vibration levels reaching 0.5 inches per second or damage to the structure, immediately stop the source of vibrations, notify the Engineer, and submit a corrective action plan for acceptance by the Engineer.
9. SD-01, Precast Pile Details, Precast Concrete Piles Notes: Add the following to Note 7
- “Use minimum Two Point Pickup per ALDOT Bridge Special Project Drawing PSCP-1. For piles over 98ft, use 0.22 L2 and 0.56 L2.”
10. DS-07, Demolition Pile Plans Areas 4 & 5: Revise existing Bent 1 for lower piles and lower-level cap to remain. Sloped cap and piles shall still be demolished.

### Reference Specifications

1. Specification 22 00 00 “Plumbing, General Purpose”, Remove Sections 3.5.2 and 3.7.

2. Specification 31 62 13 “Prestressed Concrete Piles”, Remove Section 1.01B in its entirety.
3. Refer to Revised Schedule of Prices.
4. Appendix E – Existing Drawings; added Pier B Riverend Fender Replacement drawings dated April 1993 for reference.

#### Response to RFIs

1. Can long span metal decking be used for support for cast in place dock slab?

*Response: Yes, refer to drawing SD-13 for Stay-In-Place Forms at Contractor's option.*

2. Please confirm whether shop drawings will be required for the planned modifications to the timber fender system. (As shown on Sheet MA-09AA)

*Response: Yes.*

3. (Regarding Pre-Construction Survey and Continuous Monitoring notes on Sheet GA-04 section D) Is this work required to be by a 3rd party? What type of continuous monitoring is required other than vibration? What reporting frequency is required? What is the scope of this work? What's the acceptable thresholds before getting shutdown? Who is responsible for the damages if the vibrations go beyond the threshold?

*Response: Refer to GA-04D note 5 for 3<sup>rd</sup> party requirements. Refer to GA-04D note 7 for responsibility of damage. Refer to Reference Drawings, Item 8 (for all other questions).*

4. Is there an engineering report for the existing pier condition?

*Response: Refer to Sheet GA-04 Section A. General Notes, Note 12.*

5. What is the loading capacity of the existing pier structure (lb./sf)?

*Response: Refer to response 4.*

6. What is the pile capacity of the existing pier pile?

*Response: Refer to response 4.*

7. Please confirm that the existing relieving platform is on grade.

*Response: No, the existing relieving platform is pile supported.*

8. (MA-03 Note EX1-bent 0.5) Note references "Wall is Permanently Braced". What is the proposed sequence of construction for this area?

*Response: Refer to Reference Drawings, Item 6.*

9. Will access to the site be allowed through the warehouse and on the north side of the warehouse?

*Response: No, refer to contract documents for project limits.*

10. If bid additive is accepted, will both static load tests be performed at the same time?

*Response: Yes, both tests are required.*

11. At bent 0.05, there is concern with driving new pile and displacing the existing return sheets. Since we will have auger-cast piles on site, would auger-cast pile be considered as an alternate for those locations?

*Response: No.*

12. Do the existing timber pile that are to be removed contain creosote coatings?

*Response: Consider that they are.*

13. Can equipment be placed on the new relieving platform concrete if protected? What are the loading requirements for the new relieving platform?

*Response: Yes, the new relieving platform is rated at 1500 psf.*

14. (Regarding Sheet Ga-04 note G.2) What is "rail on grade" referring to for salvage? Is this only the demolished rail on land or from the dock also?

*Response: Land only, this shall also include switches.*

15. What is the rated capacity on Pier B North?

*Response: Unknown, not within project limits. Refer to response 9.*

16. How often does Pier B north get vessels?

*Response: Access to Pier B North is only needed for timber fender modifications. This work will need to be coordinated with the ASPA as needed.*

17. Are there any work restrictions on Pier B north?

*Response: Yes, all work shall be provided within project limits. Refer to response 9.*

18. Are there any areas in the port for onsite concrete crushing?

*Response: No.*

19. Can we send someone via boat to take pictures of the existing pier from the water?

*Response: No.*

20. With the existing fender system and outboard concrete cap in place, how will the contractor be able to get the required sonar survey completed under the pier prior to demolition?

*Response: Partial demolition is allowed along the outboard side of pier to allow for sonar survey prior to the remaining demolition.*

21. During the Prebid meeting it was mentioned that some spall repairs were beneath the existing relieving platform. Please confirm this is depicted by the negative Height dimensions in the Spall Repair Tables (Sheet S-03). Are all spall repairs to be completed after demolition of the existing relieving platform and before the installation of the new relieving platform, or can the above grade spall repairs be completed at any time during project duration?

*Response: Correct. Spall repairs above the new relieving platform slab may be completed at the contractor's discretion.*

22. Will additional time be added to the 730 Calendar days for project completion if the Bid Additive is selected to be performed? If so, how much time?

*Response: Yes, 6 months.*

23. Please confirm the existing relieving platform top of concrete elevation at the warehouse is EL: +10.5 as shown in Sheet DS-08 instead of Appendix E Part 2 Sheet B-10-145-37 that shows EL: +11.67.

*Response: Match existing concrete. Elevations are based on two different datums.*

24. Please confirm that the existing timber pile will or will not have embedment in the new relieving platform at the 14" thick locations.

*Response: Yes, 4" of embedment is required. Excavate a minimum of 6" down and beyond circumference of each timber pile. Slope as required. Refer to revised Schedule of Prices.*

25. Base Bid Item #14 indicates a total quantity of 20 EA cone fenders. Drawing No MA-06 thru MA-07 indicates a count of 19 EA cone fenders. Does ASPA plan on having a replacement fender or is there a discrepancy in the bid quantity?

*Response: There is a total quantity of 19 cone fenders. Refer to revised Schedule of Prices.*

26. Base Bid Item #15 indicates a total quantity of 30 EA UMHW Fender Strips. Drawing No MA-07 and MA-21 indicates a length of 186' on 6' on center. Does ASPA plan on having a replacement fender strip or is there a discrepancy in the bid quantity?

*Response: There is a total quantity of 28 UMHW strips. Refer to revised Schedule of Prices.*

27. GA-04; Section F Geotechnical Investigation indicates during installation of production piles, one pile per bent shall employ PDA Monitoring during installation. SD-01; Item 12 Test Piles indicates for 8 test piles are required .... Shall be monitored using PDA. Please confirm if these 8 test pile satisfy the requirement for a PDA within the pile driving bent or will an additional PDA be required?

*Response: No. Refer to Sheet SD-01 Precast Concrete Piles, Note 13.*

28. Addendum 1, response number 2 indicates that the test pile program is intended to confirm capacities of the piles. SD-01 Precast Piles, Note 12D indicates that all test piles shall be performed and interpreted ... prior to start of fabricating production piles. Please clarify if Note 12D still applies if the intent of the test pile program is to only confirm capacities.

*Response: Yes. Minimum tip elevations are required for all piles.*

29. In between pile bent lines 37.8 and 38.5 there is an auger cast pile in the belly of the sheets. Please advise if this is intentional, or is it necessary to core through the existing pile cap and drill an auger cast pile.

*Response: No. Refer to Reference Drawings, Item 5.*

30. Reference 40-09 on pg. 15 of General Provisions (49/591), The Builder's Risk provision states that it is "to be determined per project". Please confirm that a Builder's Risk policy is required for this project.

*Response: Builder's Risk is required for this project. Division III – SP-11 provides what insurance requirements may be deleted for this project.*

31. Reference 80-12 on pg. 29 of General Provisions (63/591), Which indicates that contract phasing may be required. Are any contract phases that would require early completion of certain portions of the work required?

*Response: No.*

32. Reference General Provisions Art. 50-05, 70-08, 90-04 and Art. 10 of 01 00 00, which impose potential liability for interruptions to port operations and demurrage. Will the Port Authority provide a limit of liability for the contractor for such damages?

*Response: No. Pier B South will be shut down for this work. This work shall be performed with minimal interruption to any surrounding operations.*

33. Reference General Provisions Art. 50-05, 70-08, 90-04 and Art. 10 of 01 00 00, Which impose potential liability for interruptions to port operations and demurrage. Will the Port Authority publish schedules for vessel traffic at the project site and in surrounding areas?

*Response: On the ASPA website, the Harbormaster posts a report of the vessels present and the incoming vessels. ASPA can provide more up to date information from Operations as needed. Refer to Addendum 1 Reference Drawings, Item 3.*

34. Reference General Provisions Art. 70-08. Will the Port Authority coordinate delivery of Owner-furnished materials to avoid undue disruption to port operations?

*Response: There will be no owner furnished materials. The intent of Division III SP-02 was that ASPA will provide a sales tax-exempt form so that the Contractor will not pay state sales tax on the purchased materials.*

35. Reference General Provisions p.44, Art. 100-10 states that "claims will be considered by the OWNER in accordance with State laws or ordinances." Please clarify the applicable State laws or ordinances that govern claim consideration in Alabama.

*Response: No. (ASPA will not furnish this. ASPA cannot provide legal advice.).*



36. Drawings reference two spec sections that are not in the book, please provide. 0230-00 , 03-31-30

*Response: Refer to Reference Drawings, Items 3 and 4.*

37. Are there any DBE requirements for this project?

*Response: No.*

38. Are there any Buy America requirements for this project?

*Response: No.*

39. The spec references Section 09 90 00 Paints and Coatings, but the section is not present in the spec. Is Section 09 90 00 applicable and available?

*Response: No. Refer to Reference Specifications, Item 1.*

40. The specifications are calling for a traditional ALDOT 70-20-10 mix while also calling out a 2000 coulombs max performance. Would you accept an optional mix design that meets or exceeds the project requirements? We would like to use a proven mix that has been used along the Gulf Coast for several years with plenty of historical data. Having the flexibility to use an optional mix design will help meet the production and schedule requirements.

*Response: A mix that meets or exceeds the requirements of the contract documents is acceptable.*

41. Can ASPA provide the manufacturer of the 480V receptacle that needs to be replaced per note "B" on page E-04. This same note says to replace the 480V conduit. Does the cable need to be replaced as well? If so, can ASP provide the size of the cable?

*Response: The manufacturer of the receptacle is Meltric, PN# 33-64243-C-K04-4X. Yes, the cable within the conduit shall be 4#2 AWG. The cable from a junction box to the receptacle shall be 4/C, #2AWG, Type W.*

42. Drawing MA-09AA Section 2, indicates the repairs required to the existing fender system. MA-01AA provides the limits of fender modifications. Please advise / clarify in the 1" dia SS bolt spacing for the fender system.

*Response: Varies; Typical spacing is 13'-4". Refer to Reference Specifications, Item 4.*

### **End Clarifications and RFI Responses**



# Alabama State Port Authority

## Specification Booklet

**Project Name** Pier B South Replacement

**Location** Mobile, AL

**Project #** 11283

**Task #** 02

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### BASE BID SCHEDULE OF PRICES- Addendum No. 02

Description	Est. Quantity	Unit	Unit Price	Value
1. Project bonds and insurance & port credentials	1	LS	\$	\$
2. Mobilization/demobilization	1	LS	\$	\$
3. Environmental protection measures	1	LS	\$	\$
4. Pre- & post-construction survey (above water)	1	LS	\$	\$
5. Testing and monitoring (Include cathodic protection ready testing)	1	LS	\$	\$
6. Construction MOT/barriers/fencing	1	LS	\$	\$
7. Demolition, removal, and disposal of existing pier, fender system, and ancillary items including incidental debris deposited underwater	1	LS	\$	\$
8. Pre- and Post-demolition underwater debris sonar survey (pier length by pier width+10 ft)	1	LS	\$	\$
9. Underwater existing debris removal (allowance)	5	DAY	\$	\$
10. Underwater existing debris disposal (allowance)	350	CY	\$	\$
11. 24" sq. prestressed concrete piling (straight)	86048	LF	\$	\$
12. 24" sq. prestressed concrete piling (battered)	19596	LF	\$	\$
13. CIP concrete pile caps	2591	CY	\$	\$
14. CIP concrete beams	3953	CY	\$	\$
15. CIP concrete deck	7120	CY	\$	\$
16. CIP concrete bull rail	46	CY	\$	\$
17. Cone fenders	19	EA	\$	\$
18. UMHW fender strips	28	EA	\$	\$
19. Mooring bollards	23	EA	\$	\$
20. Utility vaults (power supply not included)	5	EA	\$	\$
21. Water vaults (water supply not included)	3	EA	\$	\$
22. Utilities to vaults (1 power/ 3 fire+water)	1	LS	\$	\$
23. Elevated rail	1460	LF	\$	\$
24. Removable slab (Include stem wall)	60	CY	\$	\$



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25. Striping & stenciling for removable slab	1	LS	\$	\$
26. Demolition and removal of existing relieving platform slab	1	LS	\$	\$
27. Concrete cap on existing sheet pile wall	132	CY	\$	\$
28. Select fill for voids under relieving platform	2908	CY	\$	\$
29. 14" dia. augercast piles	90084	LF	\$	\$
30. CIP concrete slab	2645	CY	\$	\$
31. Existing warehouse concrete repairs (see S-03)	1	LS	\$	\$
32. Restroom building	560	SF	\$	\$
33. Utilities to restroom (plumbing and electrical)	1	LS	\$	\$
34. Flashing at existing MCC building & warehouse	48	LF	\$	\$
35. Traffic protection bollards	31	EA	\$	\$
36. Demolition of existing landside rail, asphalt and selective demolition of cap/sheet piles at Bent 1	1	LS	\$	\$
37. Excavation/fill behind existing sheet pile wall	264	CY	\$	\$
38. Approach slab	48	CY	\$	\$
39. Landside rail with tie-in to existing rail	230	LF	\$	\$
40. Asphalt pavement	800	SY	\$	\$
<b>Total Base Bid</b>				<b>\$</b>

**ADD ALTERNATE SCHEDULE OF PRICES**

1. Pre- & post-construction survey (below water)	1	LS	\$	\$
<b>Total Add Alternate</b>				<b>\$</b>

\_\_\_\_\_ Dollars  
(In Words)

**M**

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**MOTT  
MACDONALD**



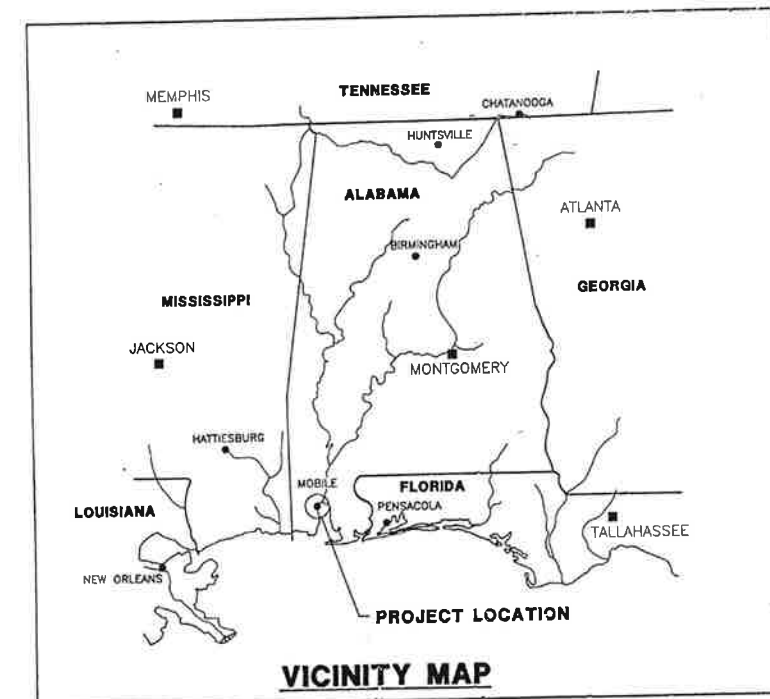
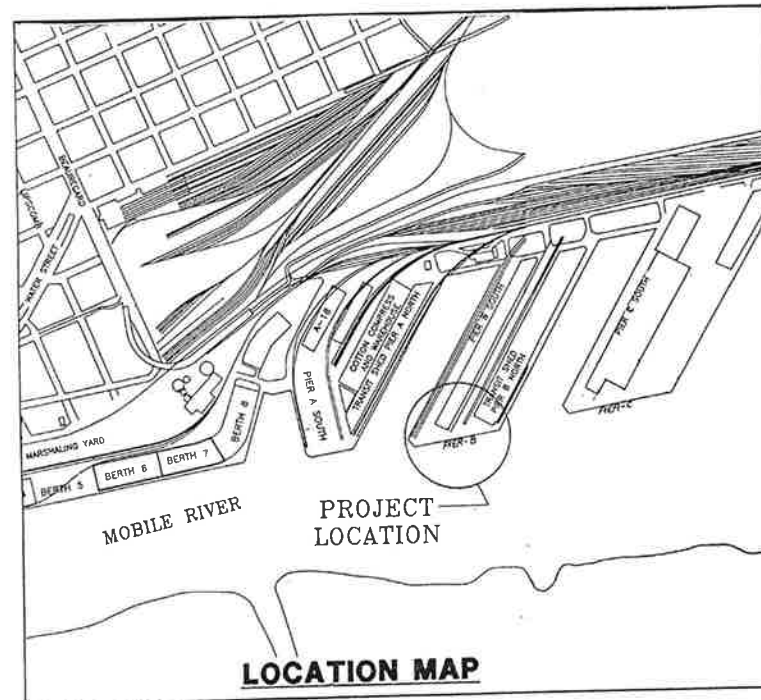
**PORT OF MOBILE**  
ALABAMA PORT AUTHORITY

**APPENDIX E**  
**EXISTING DRAWINGS**  
**SUPPLEMENT**

# ALABAMA STATE DOCKS DEPARTMENT

## MOBILE, ALABAMA

### PIER B RIVEREND FENDER REPLACEMENT

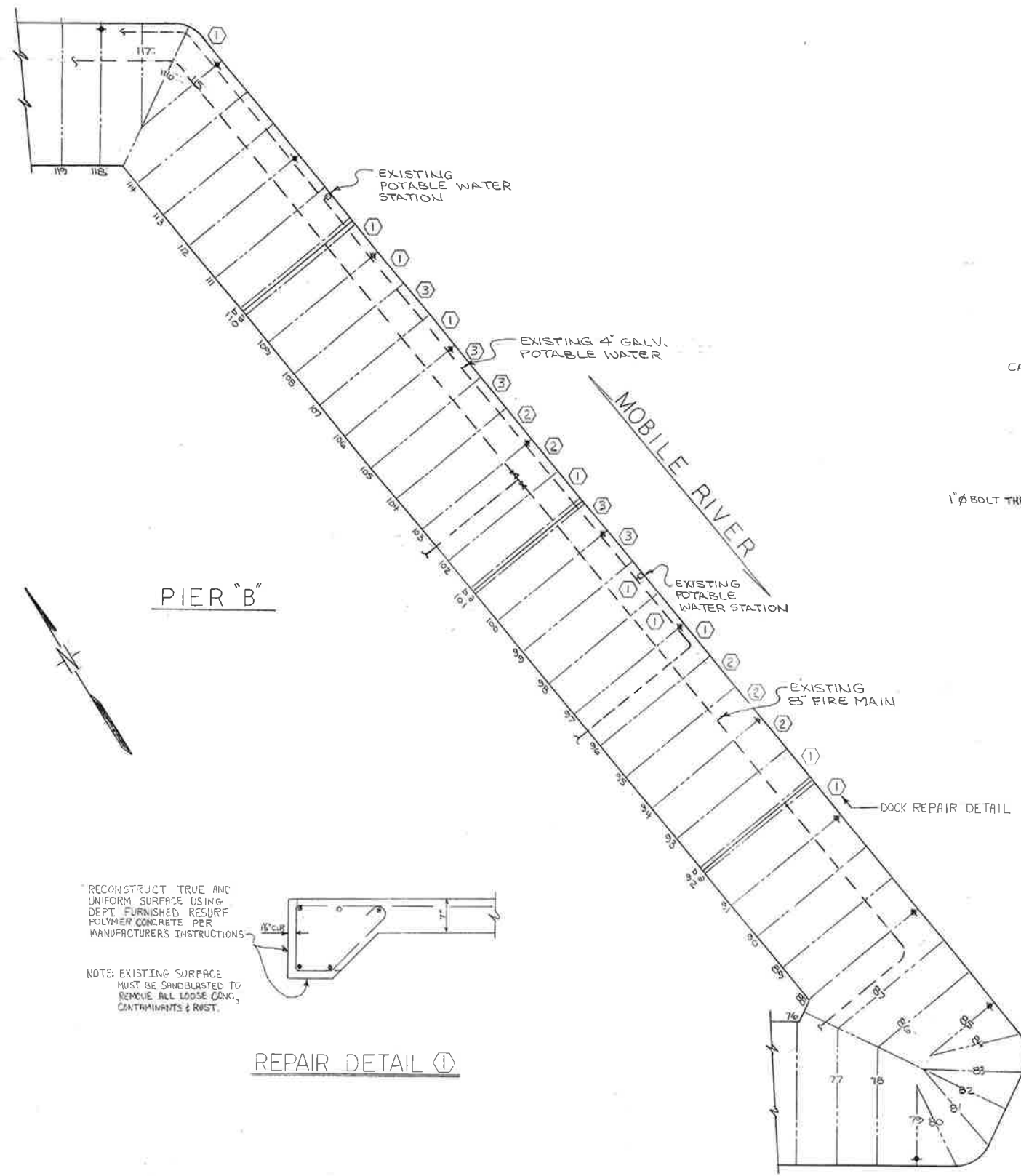


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ASD SPEC. NO.: 557  
APRIL 1993

GUY HUNT, GOVERNOR  
JOHN B. DUTTON, DIRECTOR

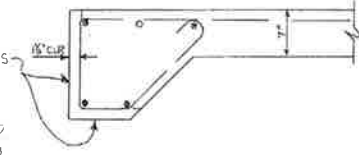
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B-11-207-2	PLAN & SECTIONS
B-11-207-3	ELEVATIONS
B-11-207-4	TYPICAL PLAN & ELEVATION
B-11-207-5	WALE BEAMS
B-11-207-6	WALE BEAMS
B-11-207-7	WALE PILES & CHAIN ASSEMBLIES
B-11-207-8	CHAIN ASSEMBLY & DETAILS
B-11-207-9	TIMBERS
B-11-207-10	TIMBERS
B-11-207-11	WATER LINE REPAIRS PLAN & SECTIONS

B-11-207-TS

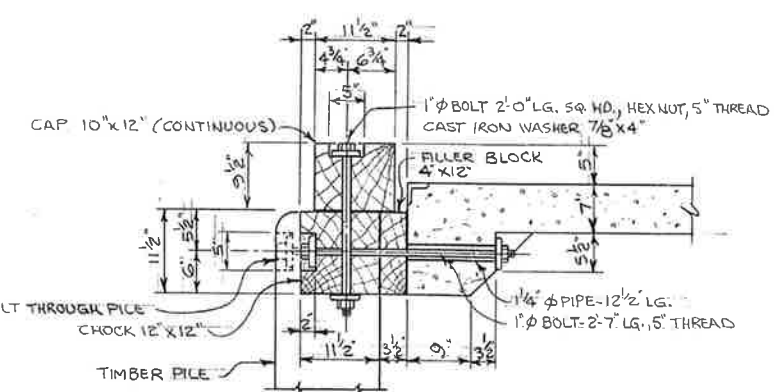


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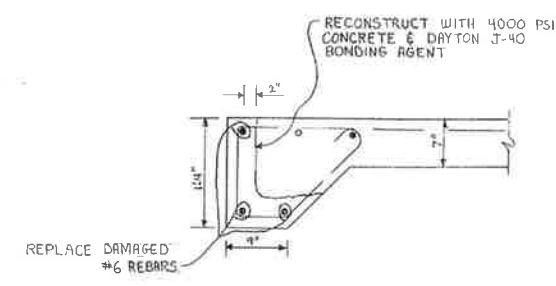
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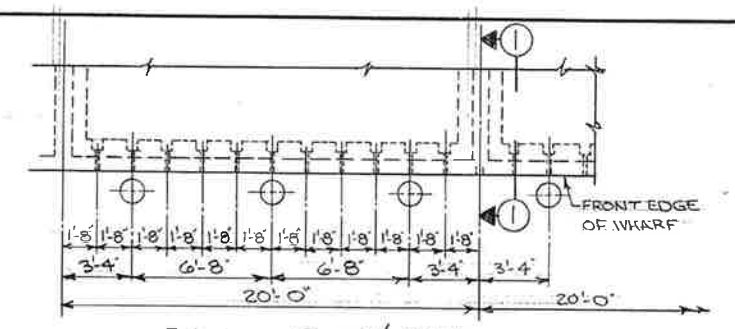
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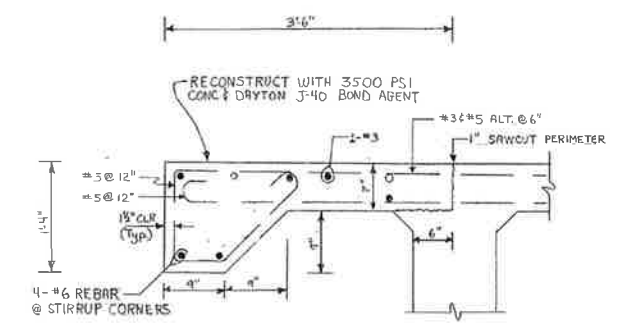
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REPAIR DETAIL ②



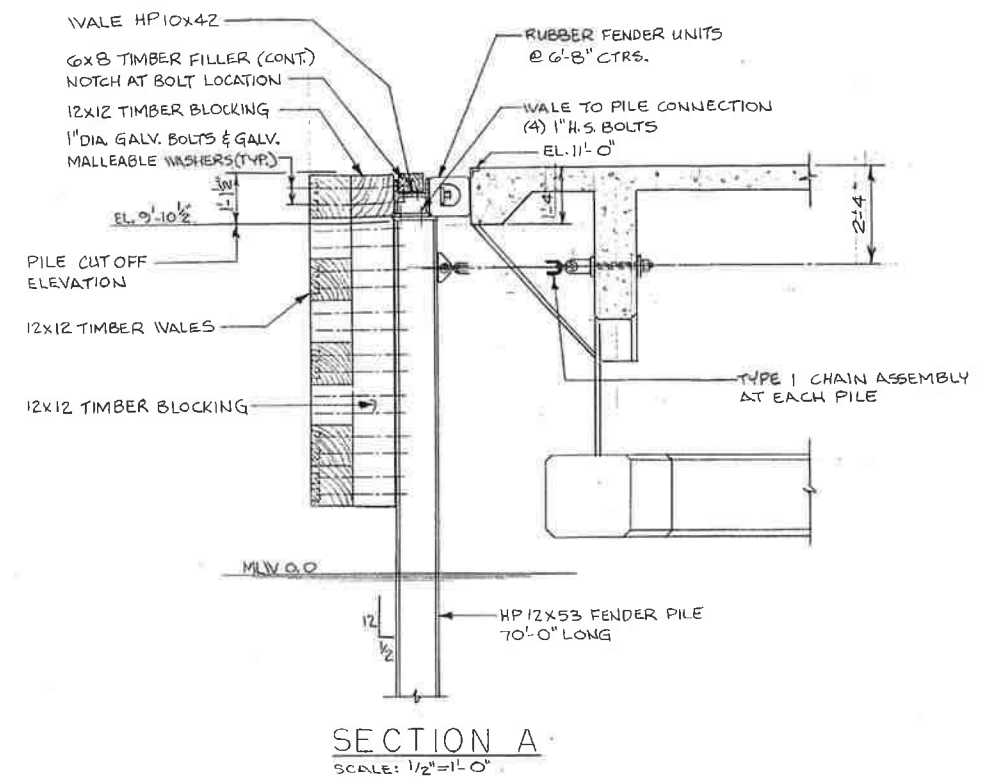
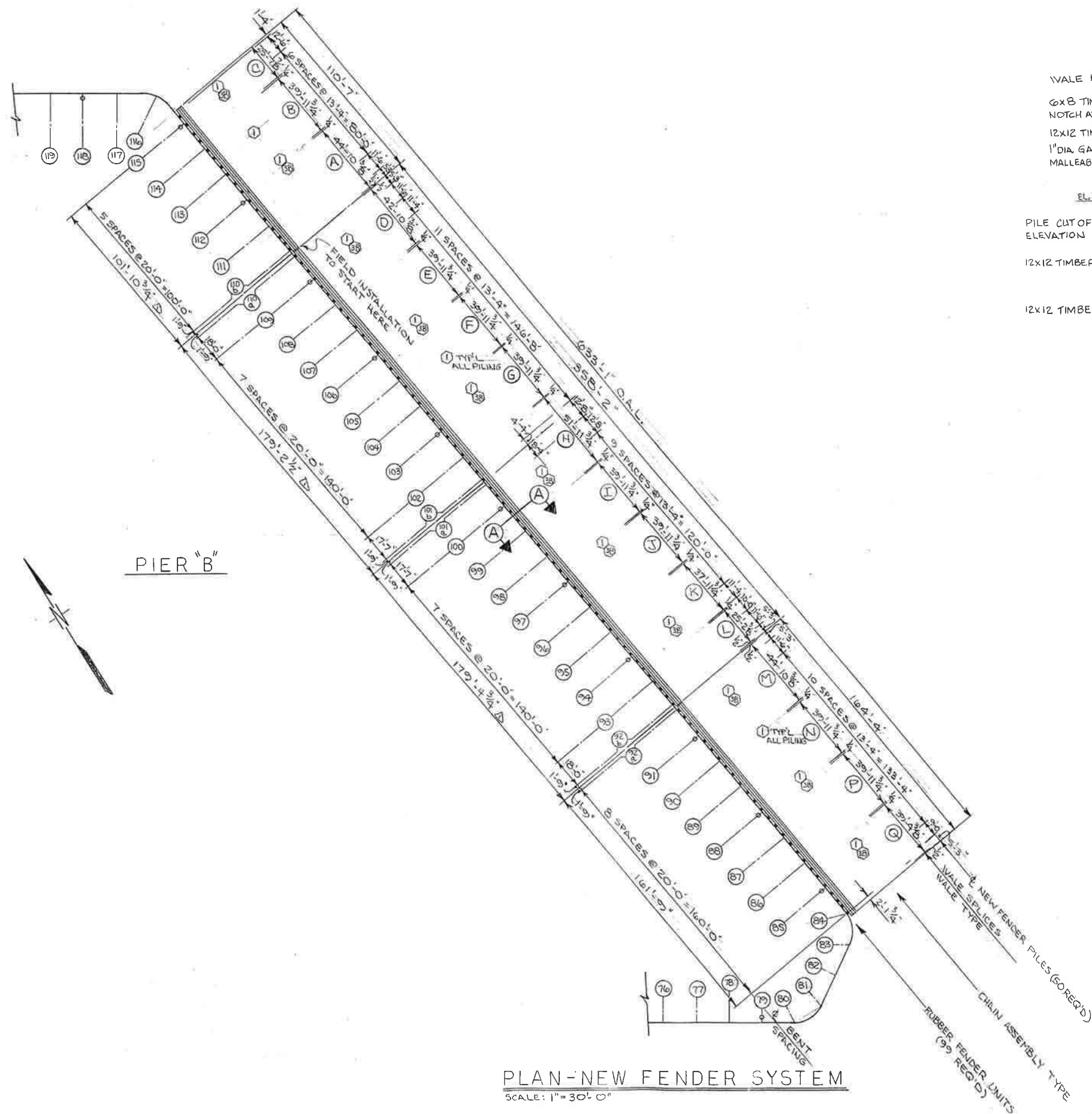
PLAN AT 20' BAY  
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REPAIR DETAIL ③

ALABAMA STATE DOCKS									
MOBILE, ALABAMA									
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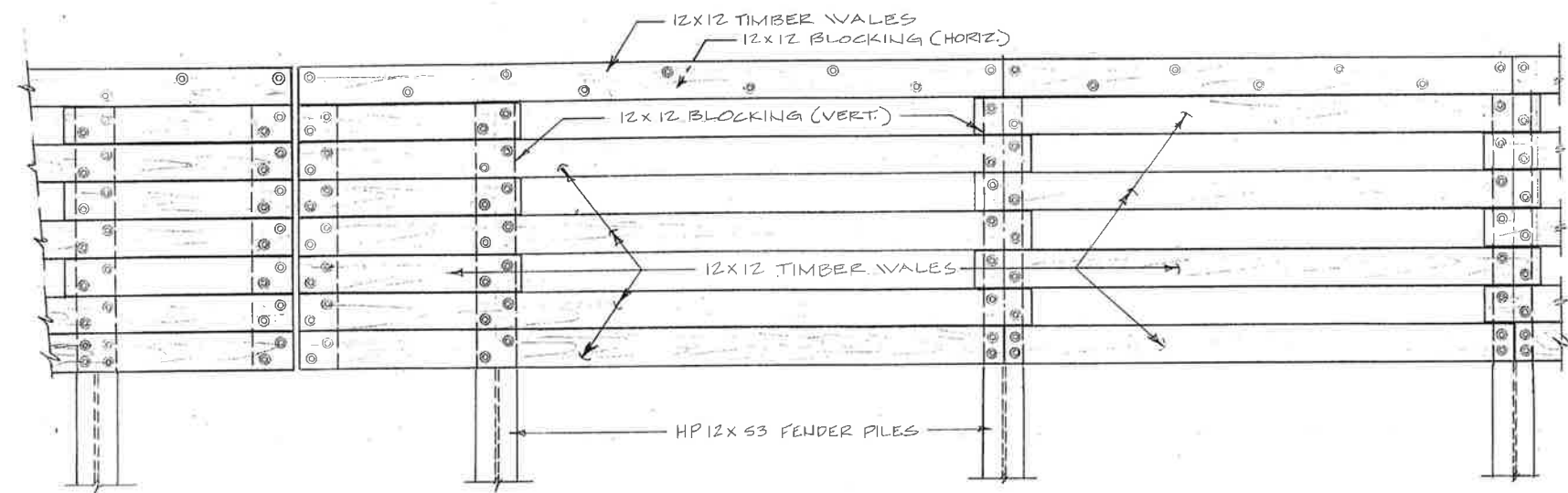
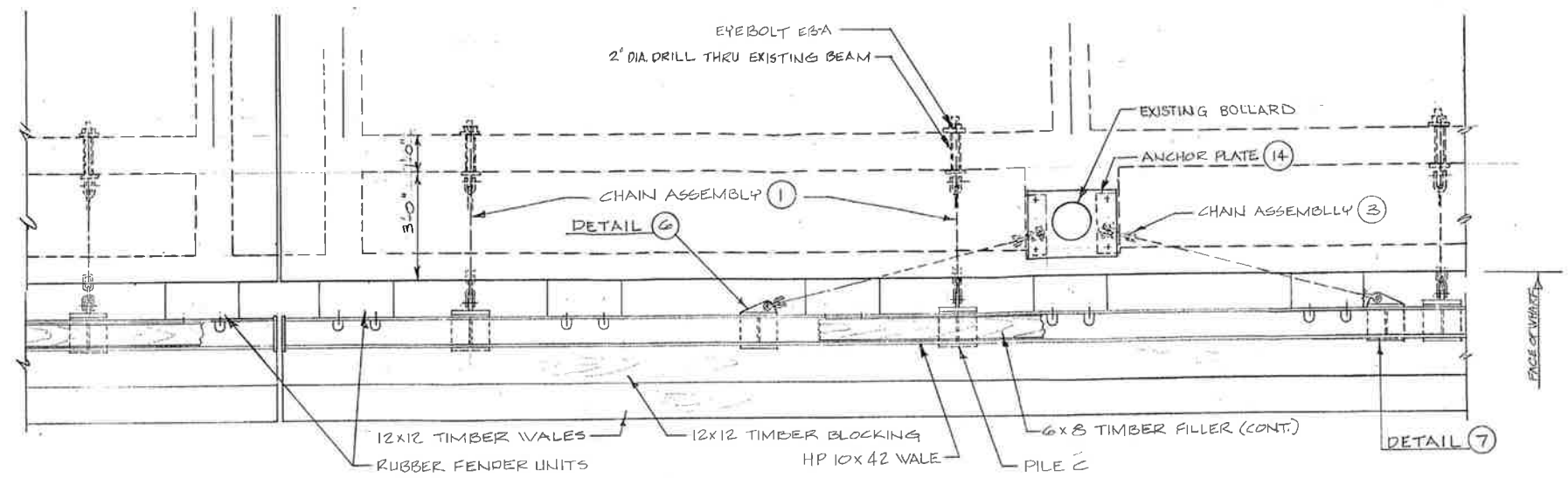
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3/6/93 REV. PER FIELD SURVEY LRH 4/20/93									
ALABAMA STATE DOCKS									
MOBILE, ALABAMA									
PIER "B" RIVEREND FENDER REPLACEMENT PLAN & SECTION									
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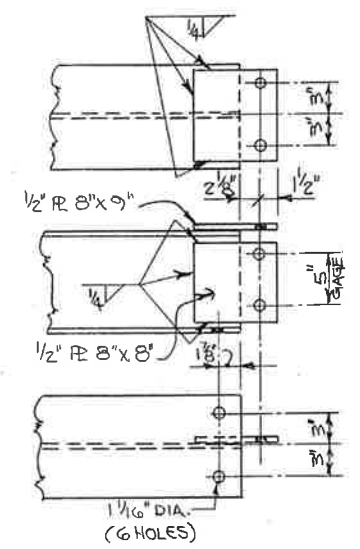
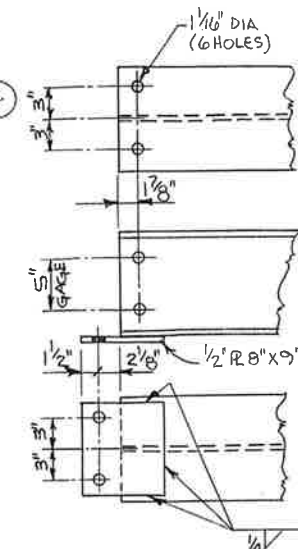
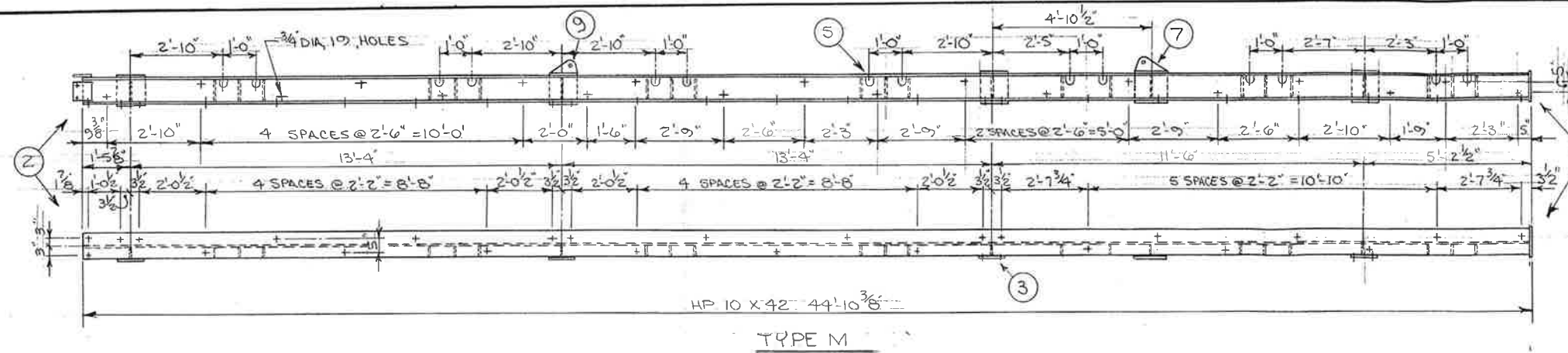






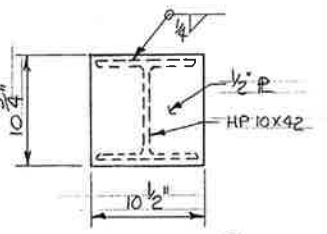
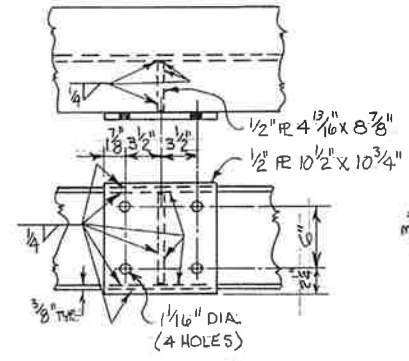
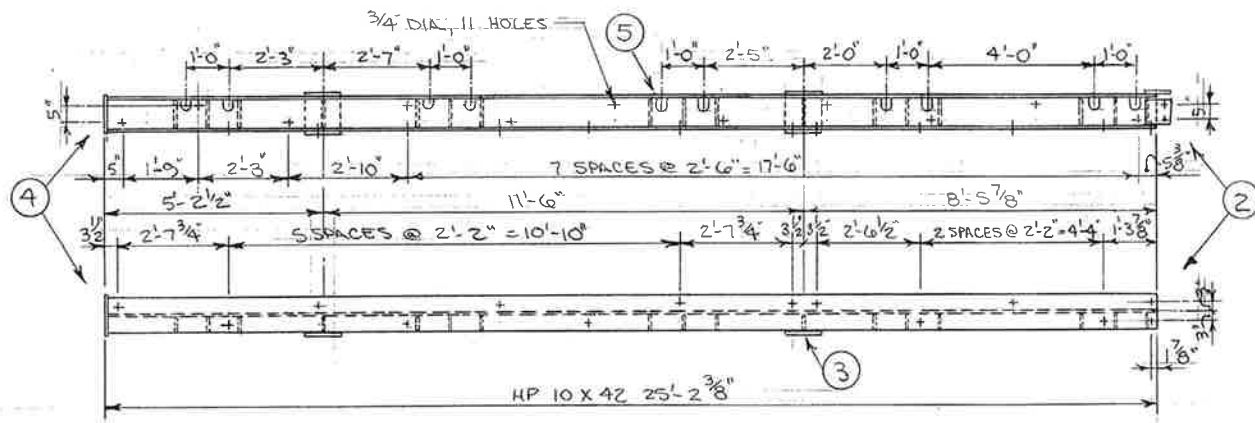
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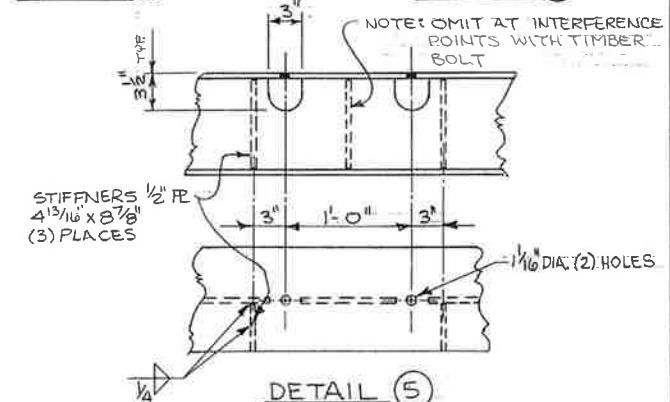
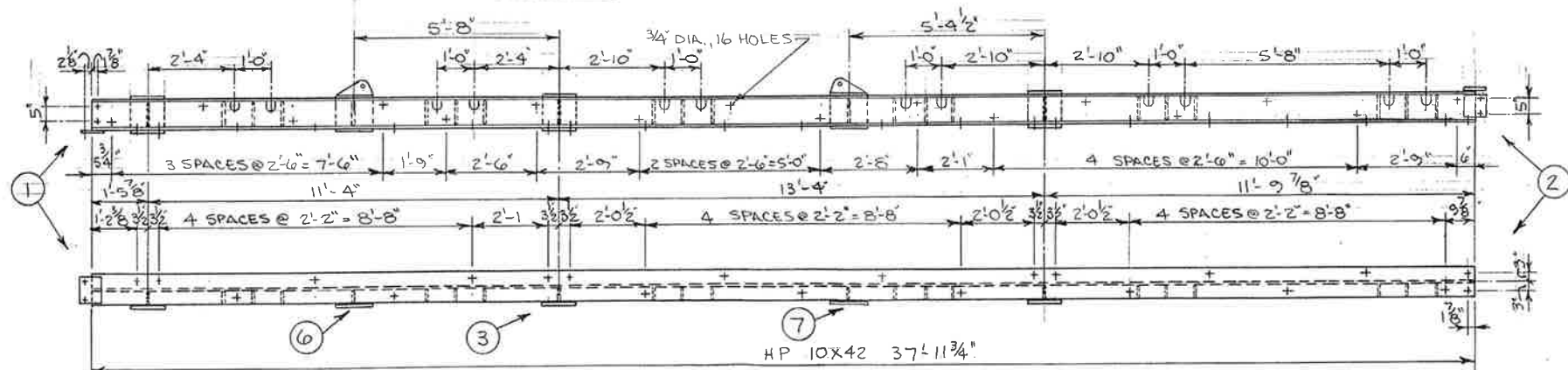
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DETAIL 2

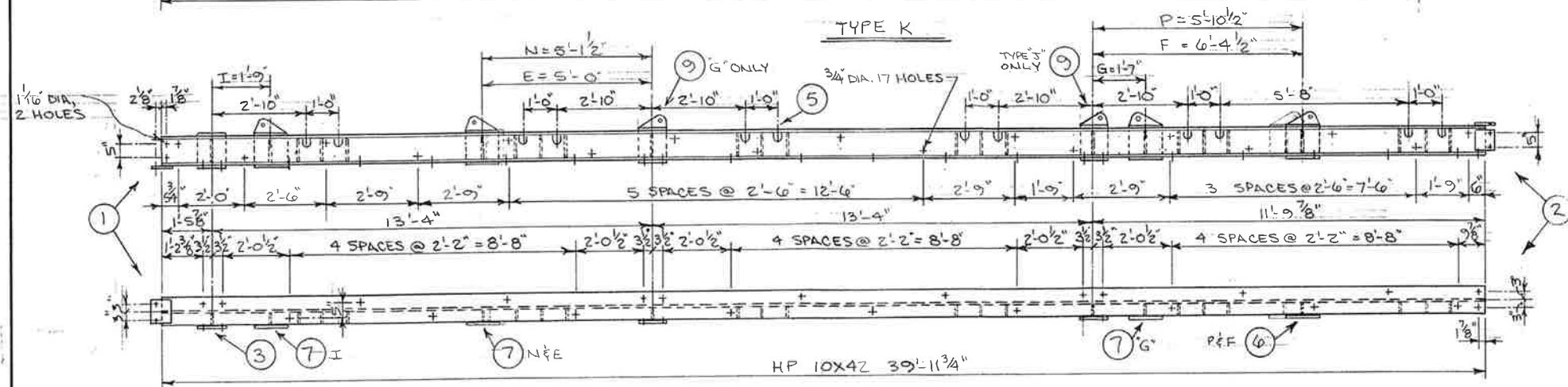


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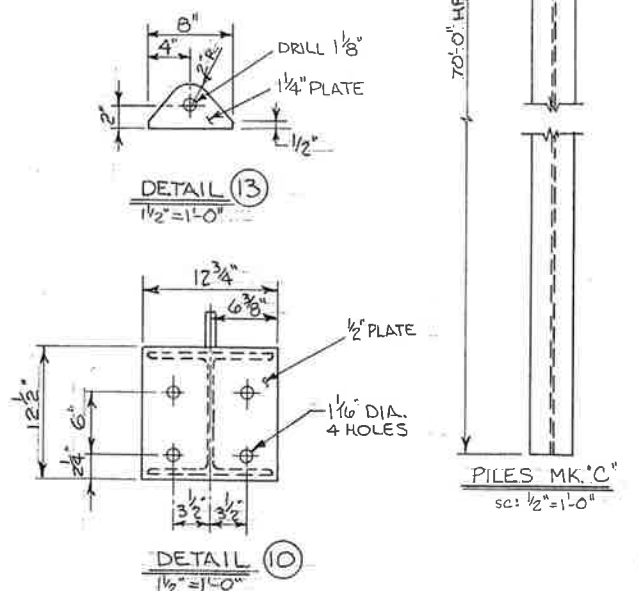
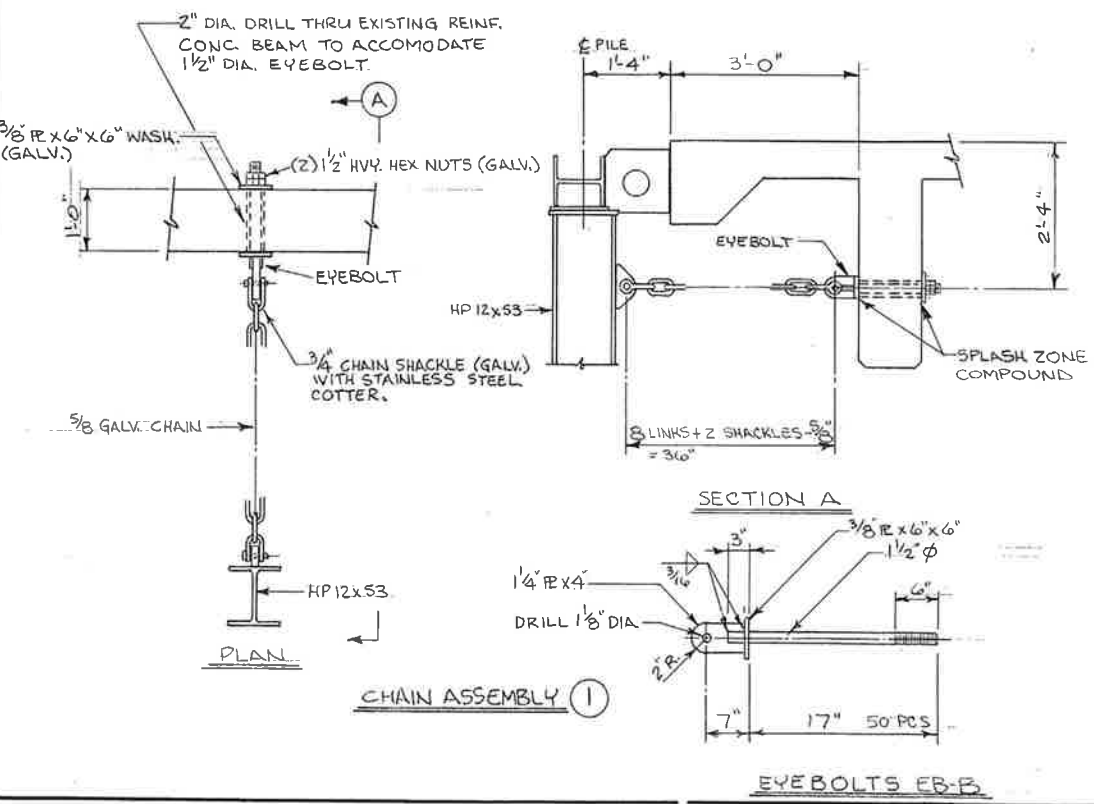
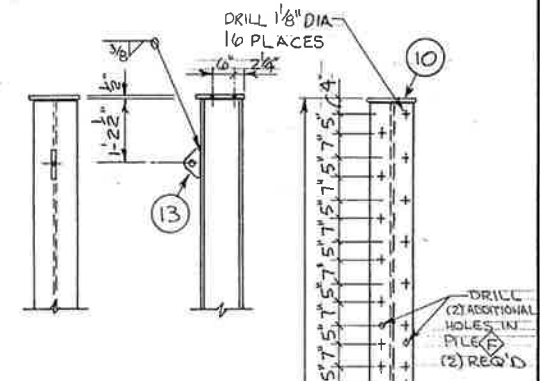
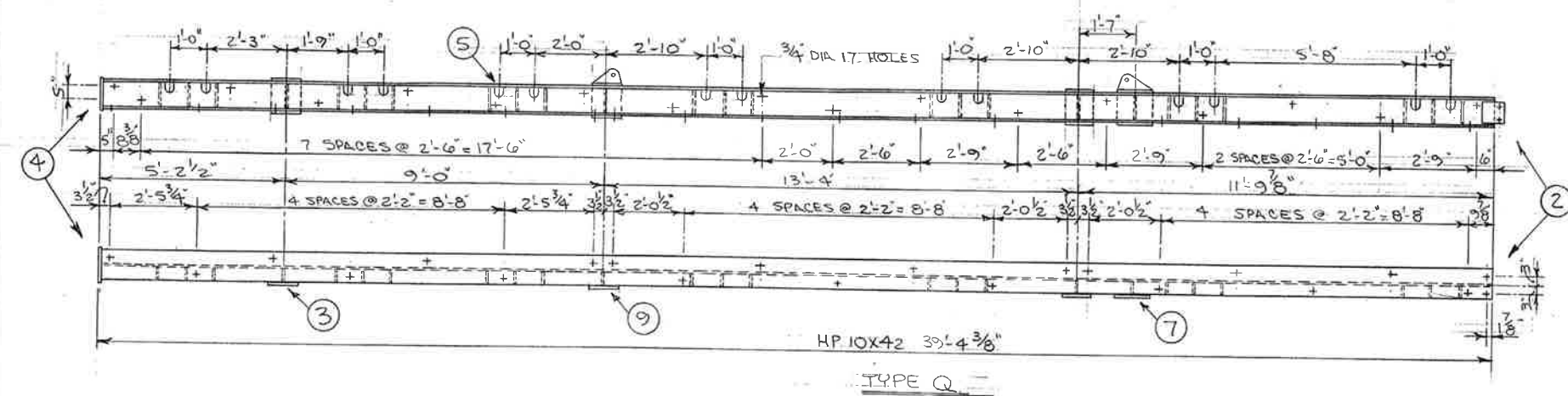
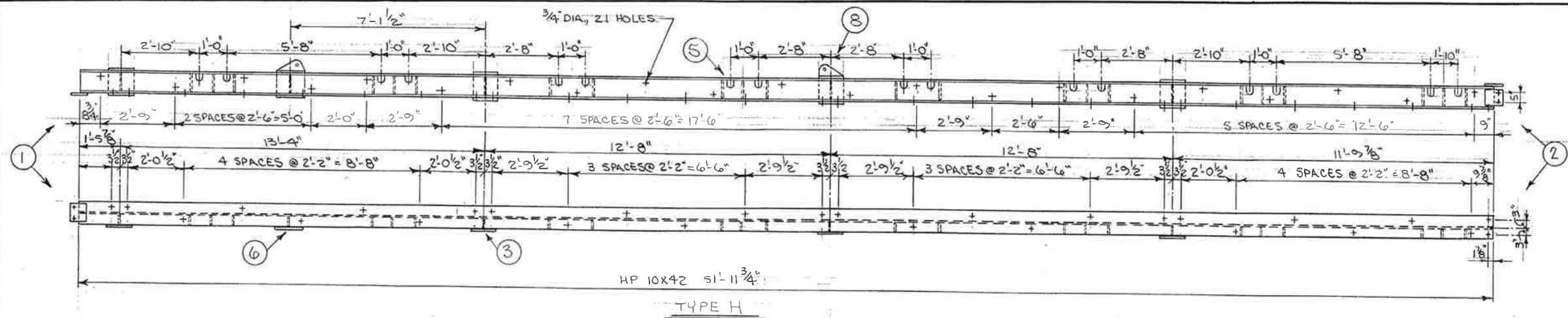
DETAIL 4



DETAIL 5



ALABAMA STATE DOCKS											
MOBILE, ALABAMA											
PIER "B" RIVEREND FENDER REPLACEMENT WALE BEAMS											
DRAWN BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:
LRH	5-23-93										
CHECKED BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:
SCALE AS NOTED										DRAWING NO. B-11-207-6	

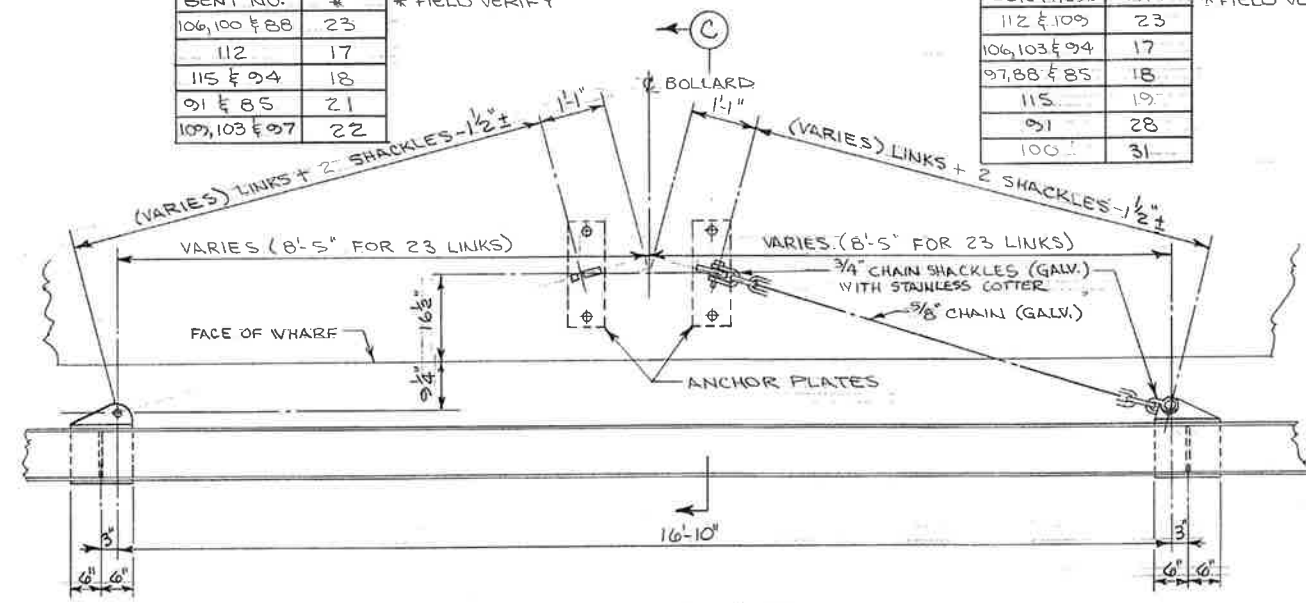


ALABAMA STATE DOCKS									
MOBILE, ALABAMA									
PIER "B" RIVEREND FENDER REPLACEMENT WALE PILES & CHAIN ASSEMBLIES									
DWG. BY:	DATE:	REVISIONS	SCALE	AS NOTED					
LRH	3-24-93	BY: DATE	BY: DATE	BY: DATE	BY: DATE	BY: DATE	BY: DATE	BY: DATE	BY: DATE
CHKD. BY:	DATE:	DRAWING NO. B-11-207-7							

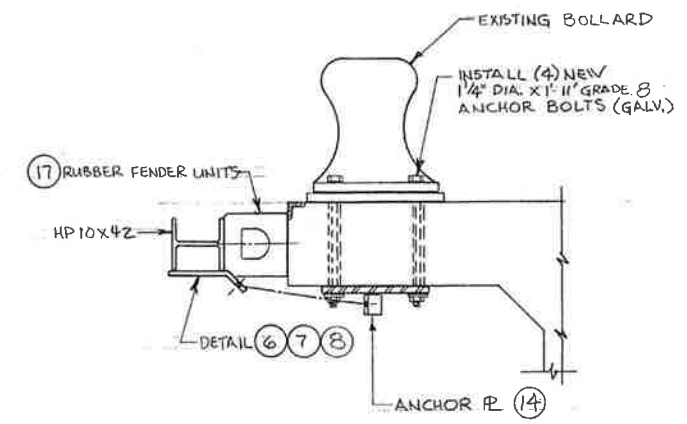


BOLLARD BENT NO.	LINKS	* FIELD VERIFY
106, 100 & 88	23	
112	17	
115 & 94	18	
91 & 85	21	
109, 103 & 97	22	

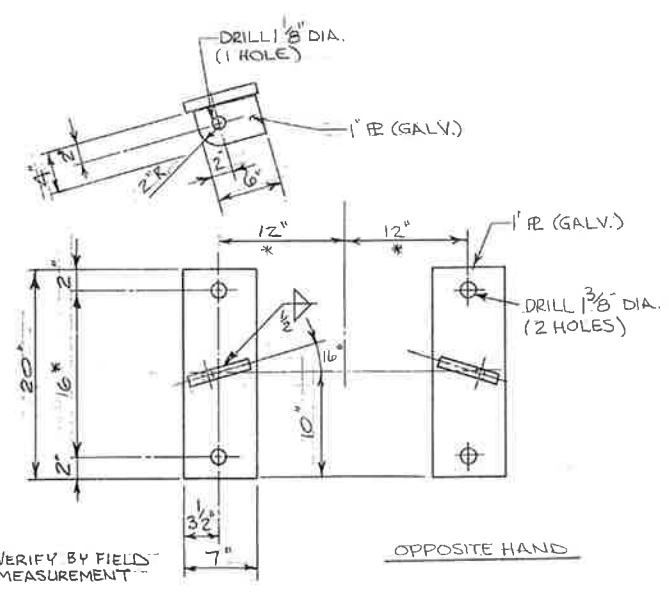
BOLLARD BENT NO.	LINKS	* FIELD VERIFY
112 & 109	23	
106, 103 & 94	17	
97, 88 & 85	18	
115	19	
91	28	
100	31	



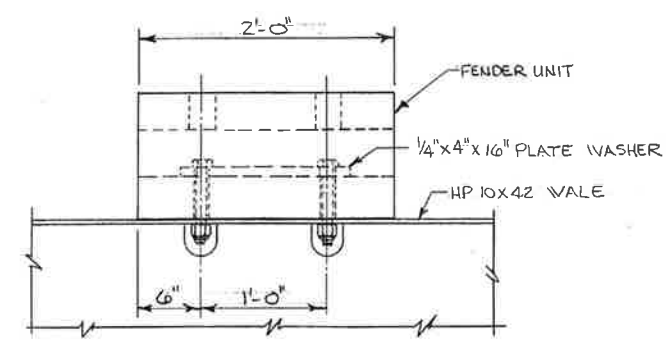
CHAIN ASSEMBLY (3B)  
3/4" = 1'-0"



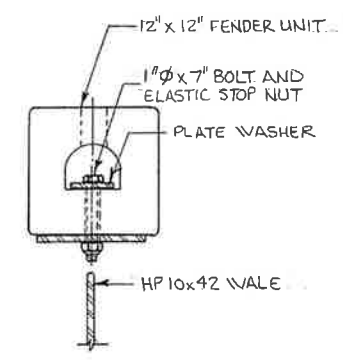
SECTION C  
3/4" = 1'-0"



DETAIL (14)  
1/2" = 1'-0"



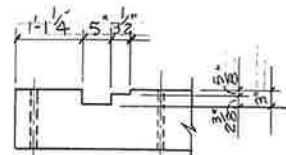
RUBBER FENDER UNIT (17)



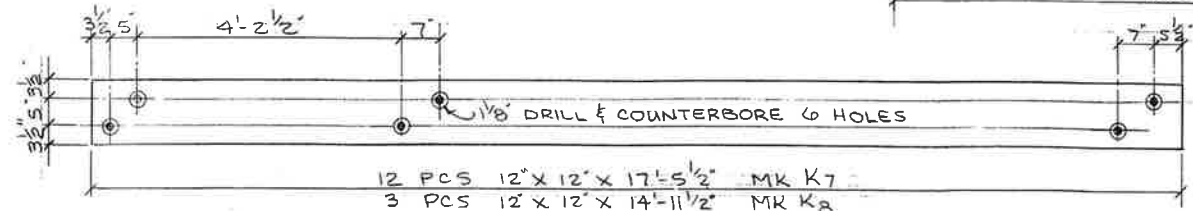
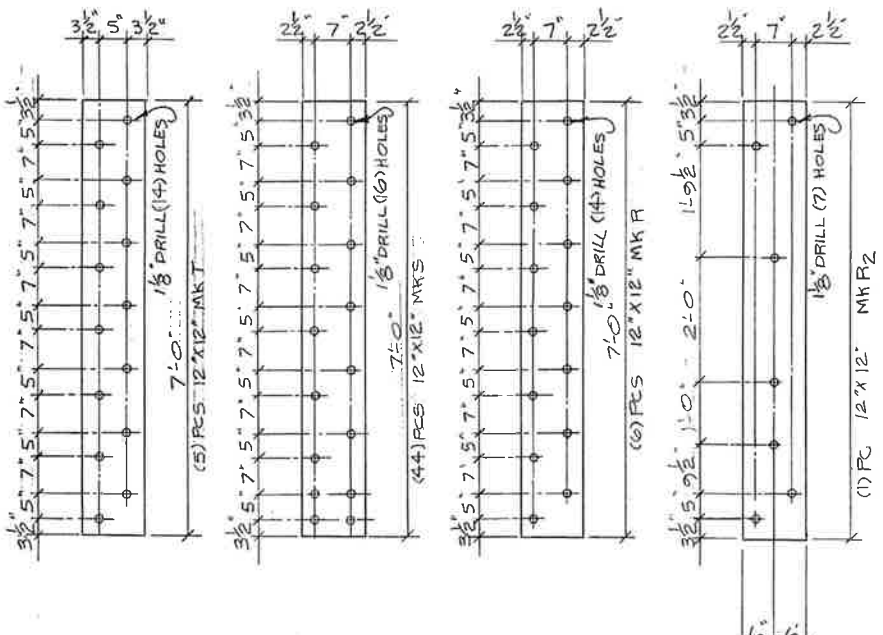
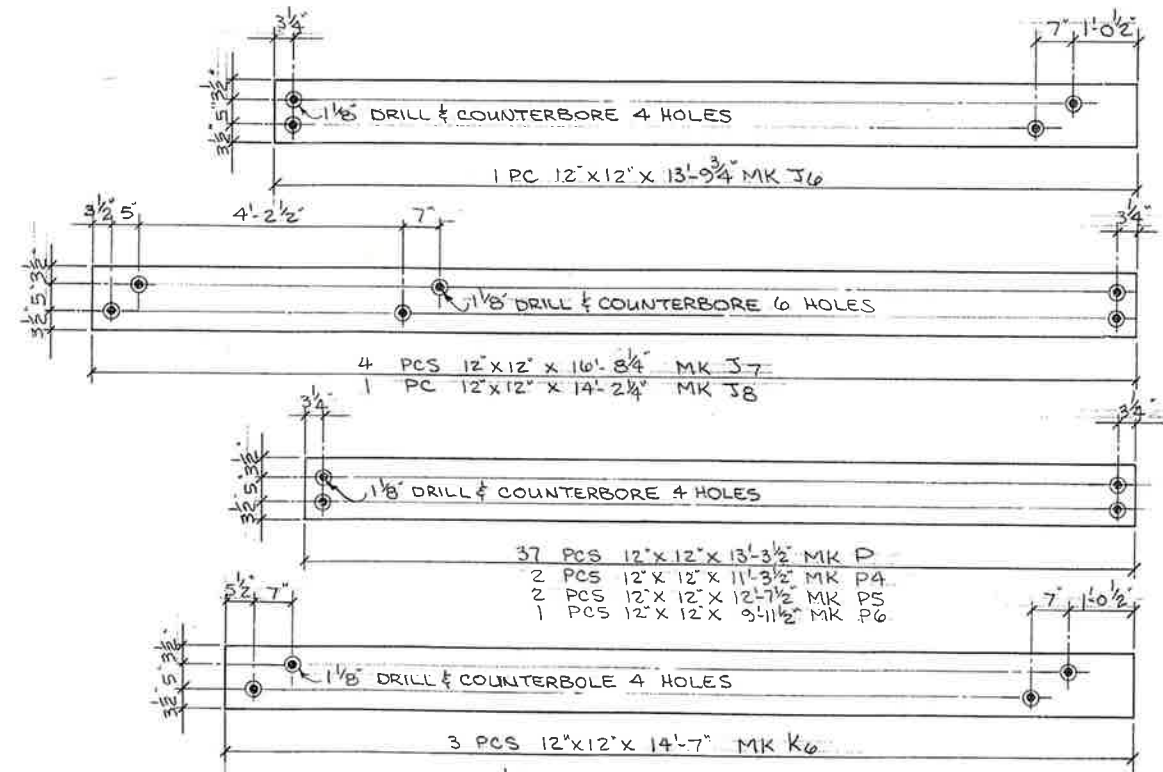
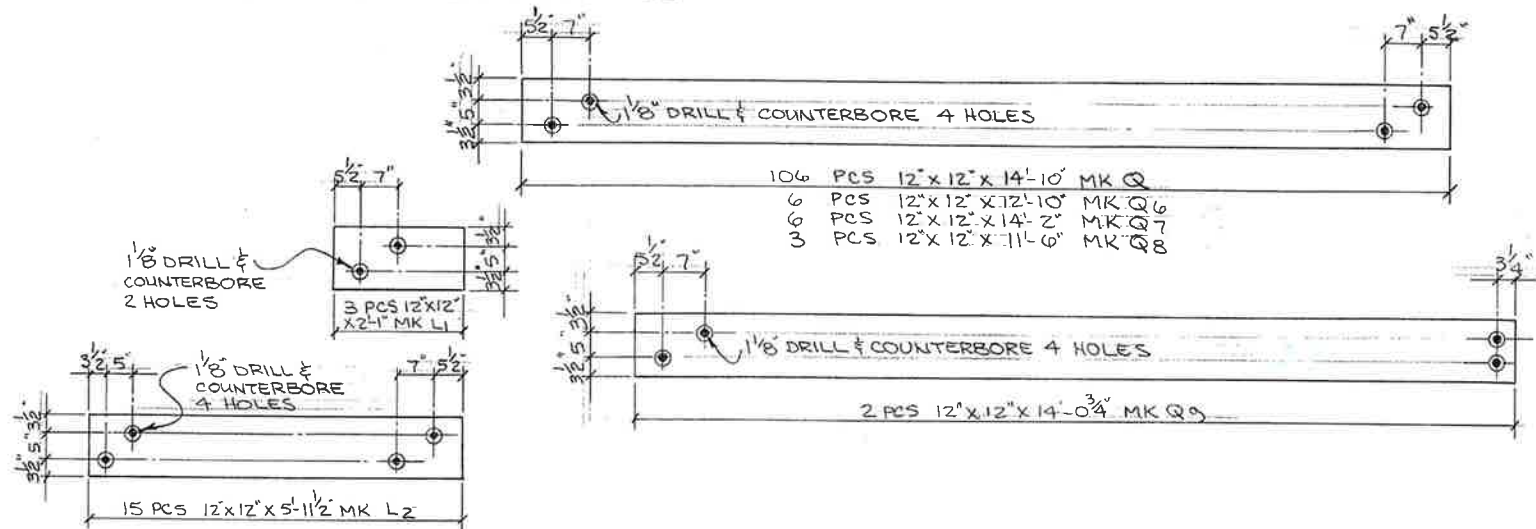
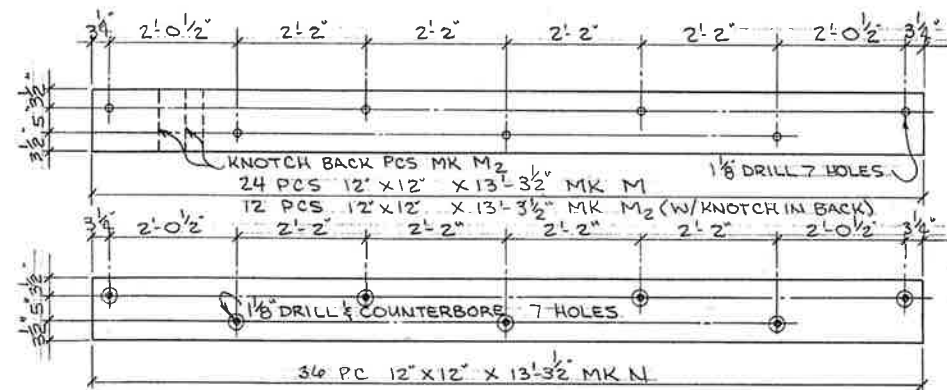
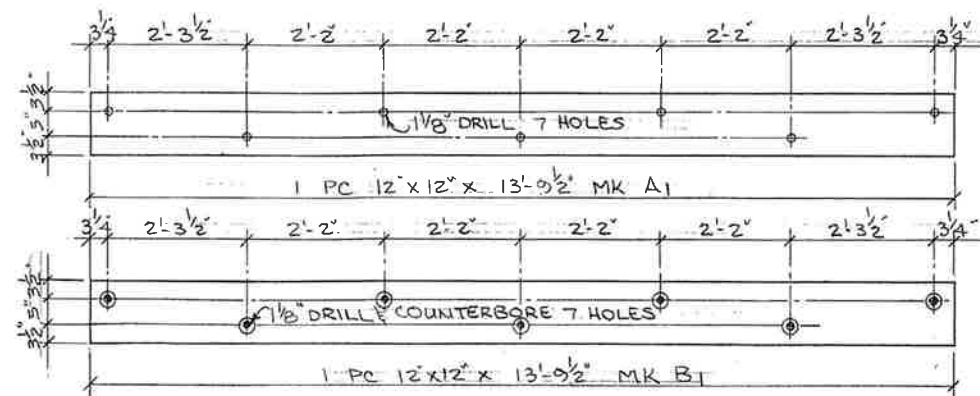
ALABAMA STATE DOCKS									
MOBILE, ALABAMA									
PIER "B" RIVEREND									
FENDER REPLACEMENT									
CHAIN ASSEMBLY & DETAILS									
DWG. BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:	SCALE:	AS NOTED
LRH	3-30-83								
CHKD. BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:	DRAWING NO.	B-11-207-8

# NOTES:

- All timbers shall be treated Southern Pine with S2S or S4S designation as necessary to facilitate installation onto the supporting steel pile. Timbers shall be completely fabricated to length with all holes and counterbores made prior to treatment. All timbers shall be No. 1 DENSE in accordance with SPIB Standard Grading Rules for Southern Pine Lumber, latest edition. Timbers shall be pressure treated in accordance with ANPA Standard C2 using coal-tar-cresote or chromated copper arsenate (CCA) meeting P1 Specifications. The minimum net retention of preservation shall be 12 pcf for coal-tar-cresote or 0.60 pcf for CCA. Inspection from an independent laboratory will be furnished and cost borne by the Department.
- Counterbores on timbers shall be sized to accept a 4" diameter washer and be 2 inches in deep.



13 PCS MKS. "M<sub>2</sub>" & "G<sub>3</sub>"  
**PARTIAL TOP VIEW SHOWING NOTCH IN BACK**  
 NOTE: AT OPTION OF CONTRACTOR, THIS KNOTCH MAY BE FIELD CUT AND COATED WITH KOPPER'S BITUMASTIC #50.

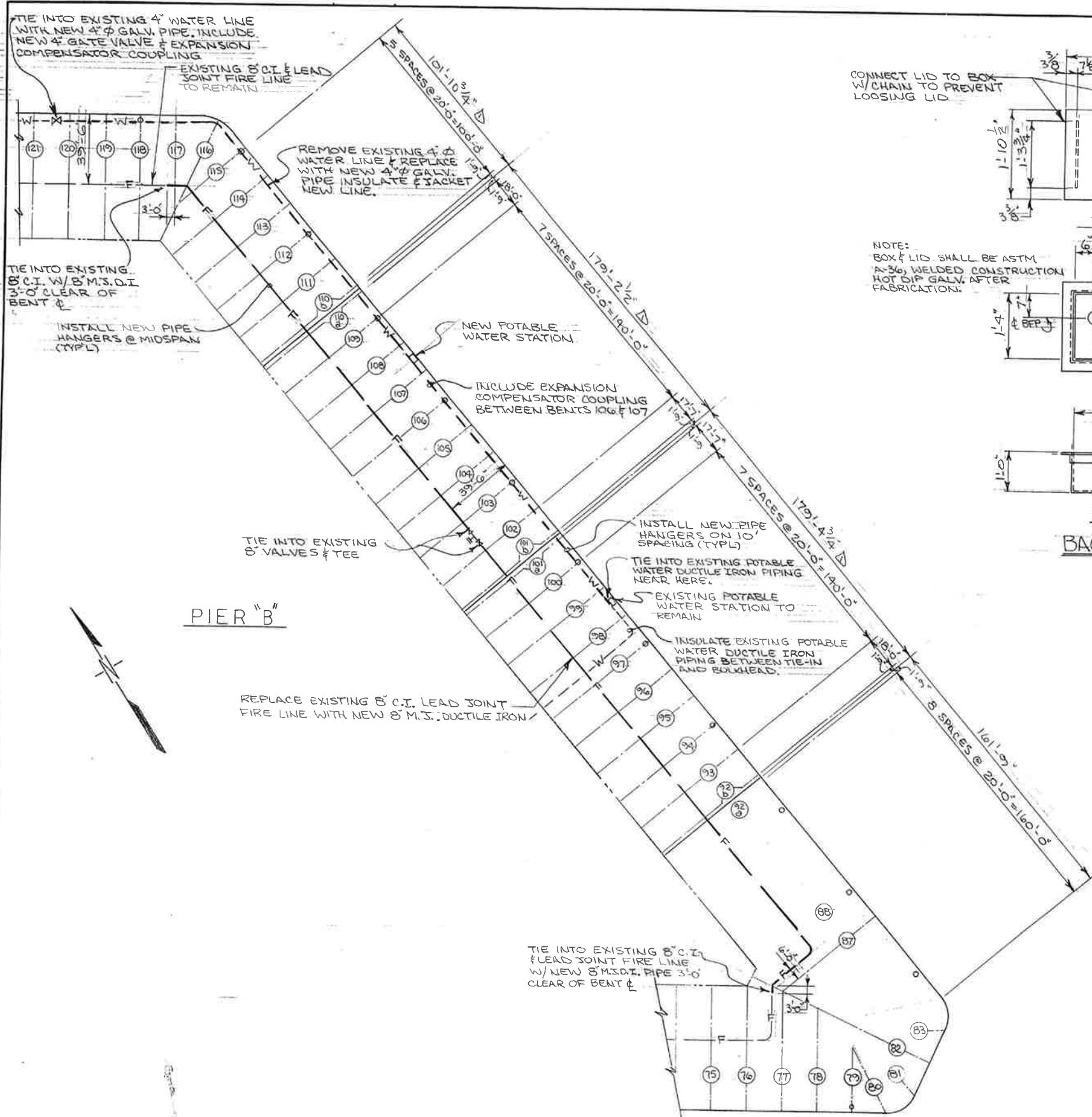


## VERTICAL BLOCKING

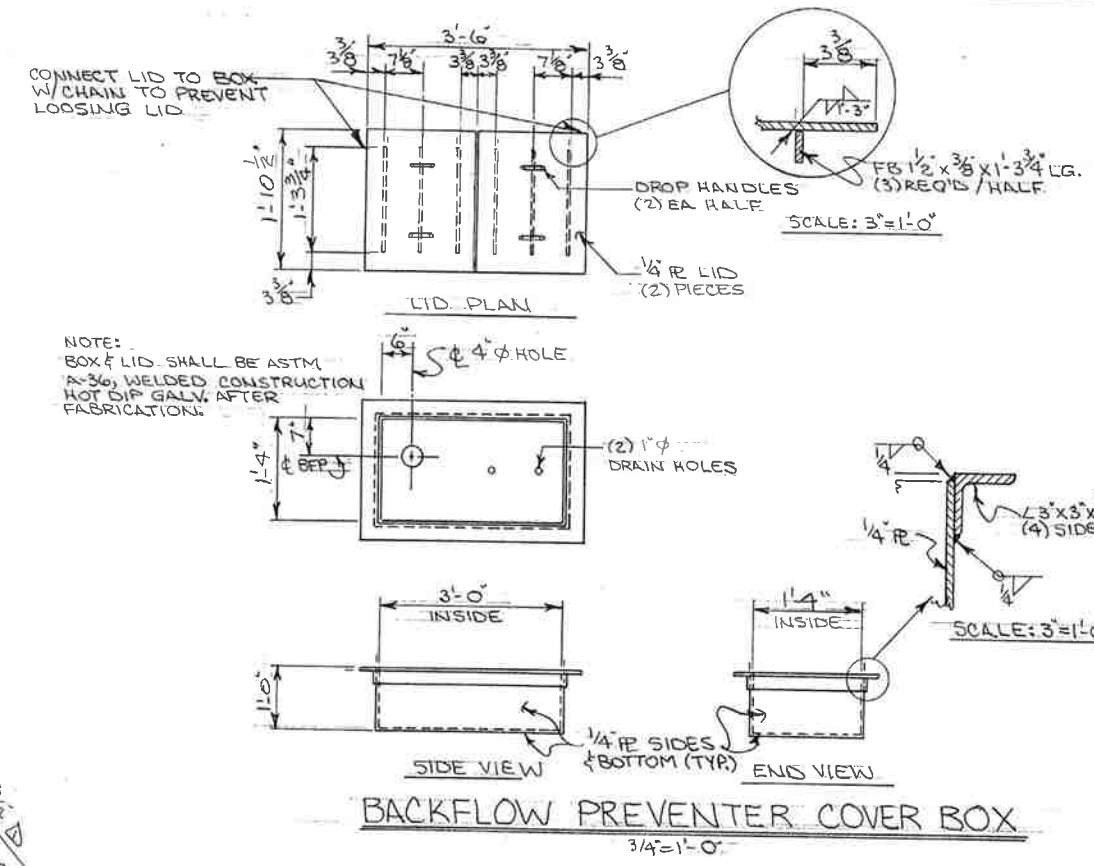
		<b>ALABAMA STATE DOCKS</b> MOBILE, ALABAMA		
<b>PIER "B" RIVEREND FENDER REPLACEMENT TIMBERS</b>				
DWG. BY: L.R.H. CHKD. BY:	DATE: 3-1-93	REVISIONS: BY: DATE BY: DATE BY: DATE	SCALE: 3/4"=1'-0" DRAWING NO: B-11-207-9	



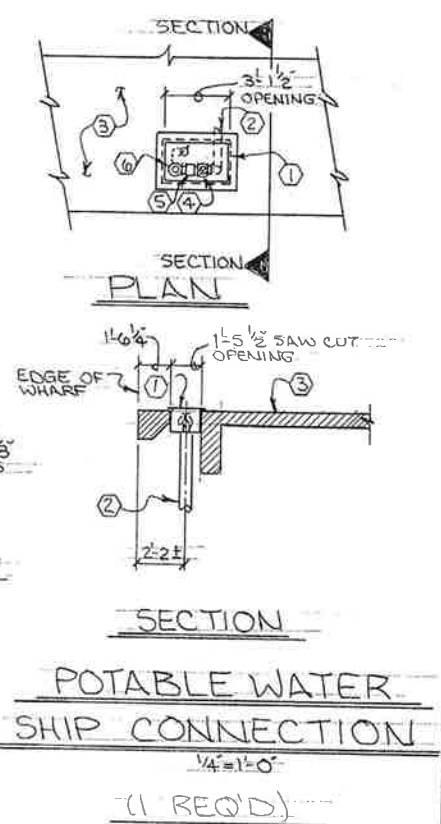




PLAN-NEW WATER LINES  
SCALE: 1"=30'-0"



BACKFLOW PREVENTER COVER BOX  
3/4"=1'-0"

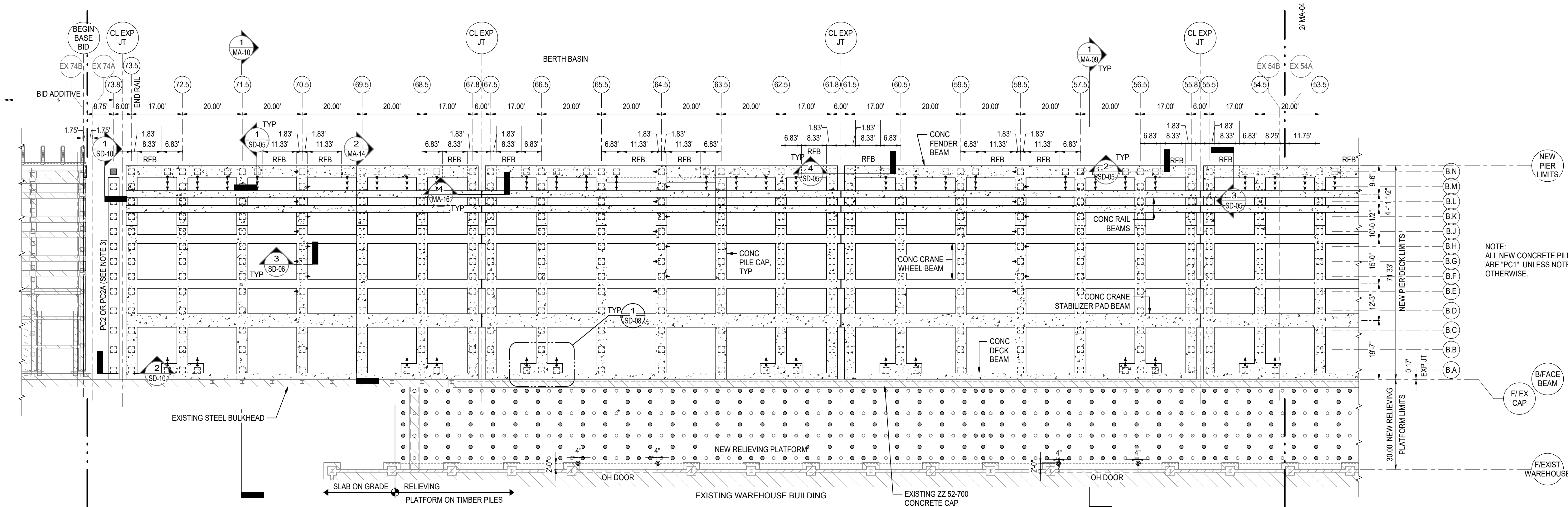


POTABLE WATER  
SHIP CONNECTION  
1/4"=1'-0"

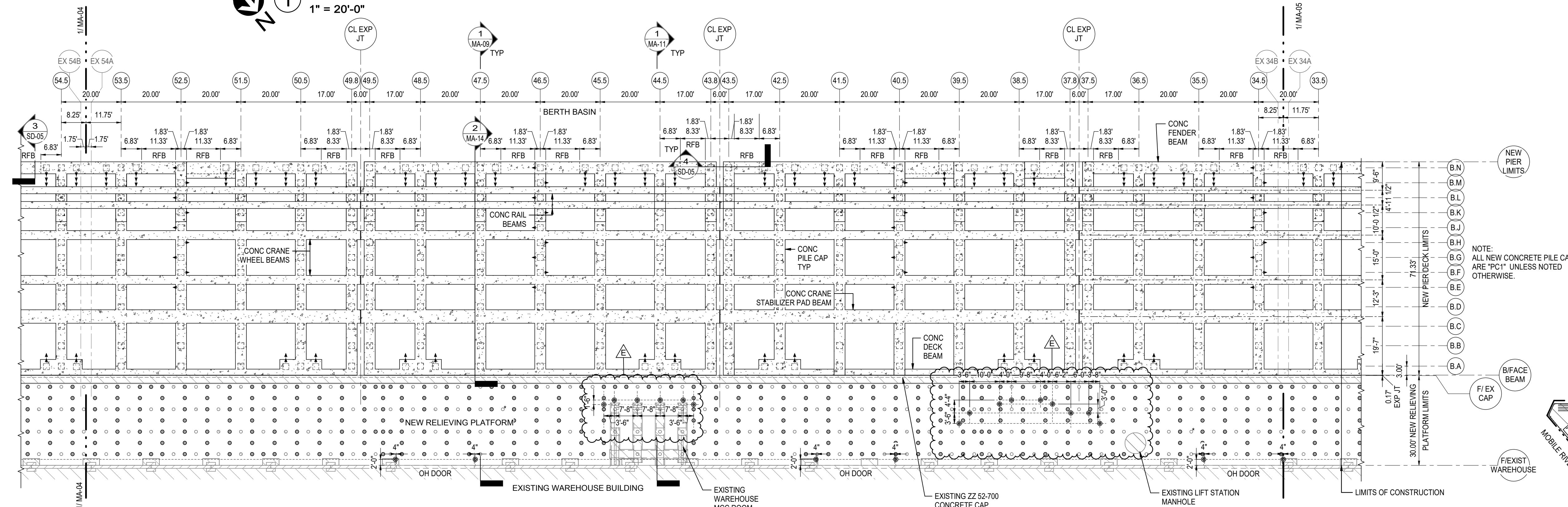
- LEGEND:**
- ① B.F.P. COVER & BOX. SAW CUT 17 1/2" WIDE X 37 1/2" LONG HOLE IN EXISTING CONCRETE WHARF.
  - ② 2" GALV. POTABLE WATER- INSULATED & JACKETED.
  - ③ EXISTING CONCRETE WHARF CONSTRUCTION.
  - ④ 2" FORD BALL VALVE COMPLETE W/LOCK-WING, 2" PORT BOTH ENDS W/FEMALE PIPE THREADS. MODEL NO. B11-177
  - ⑤ 2" CHECK VALVE
  - ⑥ 90° ELL. & 2" HOSE ADAPTER W/BRASS CAP & CHAIN.

ALABAMA STATE DOCKS											
MOBILE, ALABAMA											
PIER "B" RIVEREND FENDER REPLACEMENT											
WATERLINE LINE REPAIR PLAN & SECT.											
DWG. BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:
LRH	3-16-93										
CHKD. BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:
DRAWING NO.										SCALE: 1"=30'	
B-11-207											





1 AREA 2 PILE CAP AND BEAM LAYOUT PLAN  
1" = 20'-0"



2 AREA 3 NEW PILE CAP AND BEAM LAYOUT PLAN  
1" = 20'-0"

- NOTES:
- ANY REQUIRED FILL TO RE-ESTABLISH GRADE UNDERNEATH THE RELIEVING PLATFORM SHALL BE SUITABLE FILL MATERIAL COMPACTED TO A DRY DENSITY OF 95% STANDARD PROCTOR MINIMUM ACCORDING TO ASTM D698 IN LIFTS NO GREATER THAN 12 INCHES.
  - CONTRACTOR SHALL PERFORM A COMPRESSION LOAD TEST IN ACCORDANCE WITH ASTM D1143 ON THE (4) INDICATED TIMBER PILES. THE PILES SHALL BE LOADED TO 50 KIPS.
  - IF BID ADDITIVE IS SELECTED, PILE CAP SHALL BE A PC2. IF BID ADDITIVE IS NOT ACCEPTED, PILE CAP SHALL BE PC2A.

- LEGEND
- INDICATES EXISTING STRUCTURES TO REMAIN
  - EXP JT, OR EJ INDICATES SLAB OR DECK EXPANSION JOINT
  - EX # INDICATES EXISTING BENT REFER TO EXISTING DRAWINGS
  - INDICATES EXISTING 12" TIMBER PILE (REUSE)
  - INDICATES EXISTING 12" TIMBER PILE (REUSE) TEST PILE REFER TO NOTE 2
  - INDICATES NEW 14" DIA AUGERCAST PILES FOR NEW RELIEVING PLATFORM
  - INDICATES NEW PRECAST CONCRETE PILES
  - INDICATES NEW PRECAST CONCRETE 1:12 BATTER PILES
  - INDICATES NEW PRECAST CONCRETE 1:6 BATTER PILES
  - INDICATES NEW PRECAST CONCRETE 1:4 BATTER PILES
  - INDICATES TRAFFIC BOLLARD
  - RFB INDICATES REDUCED FENDER BEAM



KEY PLAN



Mott MacDonald  
107 St. Francis Street  
Suite 2900  
Mobile, Alabama 36602  
United States of America  
Telephone: (251) 343-4366  
www.mottmac.com/americas

Client  
ALABAMA STATE  
PORT AUTHORITY



ISSUED FOR BID  
NOT FOR CONSTRUCTION

E	09/03/2025	KWD	Addendum 2	MJT	LJD
D	07/17/2025	KWD	Issued for Bid	MJT	LJD
C	06/06/2025	KWD	100% Submittal	MJT	LJD
B	04/11/2025	KWD	90% Submittal	MJT	LJD
A	02/05/2025	KWD	30% Submittal	MJT	LJD
Rev	Date	Drawn	Description	Ch'kd	App'd

Project Number 502397324-001 B/O Total

Designed	MJT	Eng Check	JQ
Drawn	KWD	Coordination	LJD
Dwg Check	MJT/JPE	Approved	LJD
Scale at ANSI D As Shown	Status IFB	Rev D	Security STD
Drawing Number	MA-04		

Title  
PIER B SOUTH REPLACEMENT  
PIER & RELIEVING PLATFORM  
SUBSTRUCTURE PLANS  
AREAS 2 & 3