



APR 12 P2:04

STATE PROCUREMENT OFFICE
EMERGENCY PROCUREMENT REQUEST

HAR-EM
0716.11

DATE: MARCH 29, 2011

1. TO: Chief Procurement Officer
2. FROM: Transportation / Harbors / Engineering

Department/Division/Agency

Pursuant to §103D-307, HRS, and Subchapter 10, Chapter 3-122, HAR, the Department requests approval for the following:

3. Date 3/24/2011
4. After the fact YES NO

5. Nature of the Emergency
See attached for description.

6. Vendor: Hawaiian Dredging Constuction Company, Inc.
Address: P.O. Box 4088
Honolulu, HI 96812

7. Price:
\$29,000.00

8. Description of goods, services, or construction to be purchased
Furnish all labor, material and equipment to repair four (4) bollards at Pier 1, Hilo Harbor. The scope of work includes removing the existing bollards and hardware, repairing the pier deck, drilling holes for anchor bolts, installing existing mooring bollards and new hardware, and other incidental items and work required to complete this item.

9. Reason for Vendor Selection
Vendor was selected as the low bidder of a solicitation that was issued to three contractors. Bids results were as follows: Hawaiian Dredging = \$29,000.00; Isemoto Contracting = \$30,133.60; Site Engineering = no bid submitted. See attached quotes.

10. Direct questions to: ^{AR} Arnold Fukumoto Phone: 587-1875

11. I certify that the information provided above is to the best of my knowledge, true and correct.

APR 06 2011

^{PSL}
^{PM}
Department Head

Date

Reserved for SPO Use Only

12. Chief Procurement Officer's comments:

Approval is granted based on the department's determination that repairing damaged bollards was necessary due to potential safety risks to passengers embarking and disembarking at Pier 1-Hilo Harbor. This award is required to be posted on the Awards Reporting System.

13.

APPROVED DISAPPROVED NO ACTION REQUIRED

David J. [Signature]
Chief Procurement Officer

4/13/2011
Date

14. E.P.No. 11-031-B

5. Nature of the Emergency

On 3/15/11 NCL's Pride of America was tied to Pier 1, Hilo Harbor and pulled out a bollard when an ocean surge occurred, which may have been a result of the 3/11/11 Japan earthquake. As a result, 4 consecutive bollards that are critical for passenger ships to berth at Hilo Harbor are either out of service, or are in a damaged state. Given the busy cruise ship season and the need to use these bollards, it is necessary to effect repairs immediately.

As cruise ships will be forced to tie-up to damaged bollards, if they were to fail while passengers are on the ramp embarking or disembarking, injury could result. Also, without the bollards, passenger vessels will not be able to berth in Hilo Harbor. (See attached email)

STATE OF HAWAII SMALL PURCHASE WRITTEN QUOTATIONS

1. Date: March 22, 2011
 2. Company: HAWAIIAN DREDGING CONSTRUCTION COMPANY, INC. 3. Phone/fax No. 735-3211 / 735-3232
 4. Address: P.O. BOX 4088 5. City/State/Zip: Honolulu, HI 96812
 6. Vendor Representative: Cedric Ota

7. PROVIDE A QUOTATION for the following good/service/construction (Describe or see attached specifications):
REPAIR BOLLARDS AT PIER 1, HILO HARBOR - JOB H.C. 50094

Furnish all labor, material and equipment to repair four (4) bollards at Pier 1, Hilo Harbor. The scope of work includes removing the existing bollards and hardware; repairing the pier deck; drilling holes for anchor bolts; installing existing mooring bollards and new hardware; and other incidental items and work required to complete this item.

Notice to proceed shall be given on Wednesday, March 23, 2011 with project completion on Sunday, March 27, 2011. Project completion shall include two day cure time for threaded rod adhesive and cementitious leveling grout

See attached drawings (plan and section) and photos.

8. QUOTATION REQUESTED BY (mail e-mail fax this 3/22/2011, 9:00 AM to the following):
 quotation by (date) (time)

9. Dept/Agency Department of Transportation, Harbor Division

10. Address 79 S. Nimitz Highway 11. City/State/Zip Code: Honolulu / Hawaii / 96813

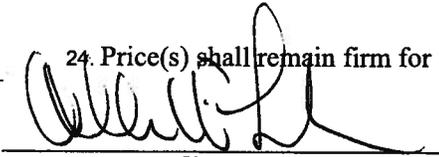
12. Contact Person Arnold Fukumoto 13. Phone/fax No 587-1875 / 587-1864

13A. e-mail arnold.fukumoto@hawaii.gov

===== VENDOR TO COMPLETE ITEMS 14 THROUGH 25 BELOW =====

| 14. Item No. | 15. Description of Item | 16. QTY | 17. UNIT PRICE | 18. TOTAL PRICE |
|--|---------------------------|---------|------------------------|-----------------|
| 1. | REPAIR BOLLARDS AT PIER 1 | 4 | \$7,250 | \$29,000.00 |
| | | | | |
| | | | | |
| 19. Additional information or terms (i.e. delivery time, warranty period, etc.): | | | 20. Shipping/ Handling | Included |
| | | | 21. State Tax | Included |
| | | | 22. TOTAL SUM PRICE | \$29,000.00 |

23. Quote No. _____ 24. Price(s) shall remain firm for 30 days.

25. Vendor Representative:  March 22, 2011
 Signature Date

Title: Allan K.F. Lock, Vice President

REPAIR BOLLARDS AT PIER 1, HILO HARBOR - H. C. 50094

GENERAL - The work to be done on this project consists of furnishing all labor, materials and equipment necessary to repair four (4) existing mooring bollards at Pier 1, Hilo Harbor.

WORK SCHEDULE - The Contractor shall coordinate its work so as to minimize interference with any operations in the project area. All work shall be scheduled with the Harbors Division Hawaii District Manager and the Construction Engineer. The exact scheduling and sequencing of the work and restrictions on the Contractor's operation will be coordinated with the Harbors Division. Cruise vessels berth at Pier 1 regularly on Tuesdays with infrequent visits on various days of the week. Work will be allowed when cruise vessels are in port.

Arrangements for work and storage areas shall be made with the Harbors Division Oahu District Manager and the Construction Engineer. The Contractor shall be responsible for maintaining the work and storage areas and, if necessary, shall restore these areas to their original condition at no cost to the State in the event any damage results from its operations.

Notice to proceed shall be given on Wednesday, March 23, 2011 with project completion on Sunday, March 27, 2011. Project completion shall include two day cure time for threaded rod adhesive and cementitious leveling grout.

PERMITS - The Contractor shall obtain permits for all welding and burning operations on the pier. The Contractor shall obtain the necessary work permits from the Harbors Division Hawaii District Manager.

HARBOR SECURITY - Contractor's personnel are required to possess MARSEC training and Transportation Worker Identification Credential (TWIC) as administered by the Transportation Security Administration.

MATERIALS -

1. **Epoxy Bonding Adhesive** shall be a multi-purpose, two-component, 100% solids, moisture-tolerant structural epoxy adhesive conforming to ASTM C881, "Sikadur 32, Hi-Mod" as manufactured by Sika, or approved equal.
2. **Non-Shrink Grout** shall be a non-metallic industrial grout, "SikaGrout 212" as manufactured by Sika, or approved equal.
3. **Caulking Compound** shall be a one-component, high performance, moisture cured polyurethane-base, non-sag elastomeric sealant, and shall conform to Federal Specification TT-S-00230C, Type II, Class A. Caulking compound shall be "Sikaflex-1a" as manufactured by Sika, or approved equal.
4. **Hardware** including anchor bolts, hex nuts and washers shall be hot-dipped galvanized and shall be furnished by the State.

CONSTRUCTION REQUIREMENTS

REPAIR BOLLARDS AT PIER 1, HILO HARBOR - H. C. 50094

1. The Contractor shall carefully remove the existing mooring bollards and hardware at Pier 1 areas so as not to damage the existing pier and other structures to remain. The existing mooring bollards shall be reinstalled in its new location. All removed material not to be reused shall be the property of the Contractor and shall be disposed of away from the project site in a lawful manner. No material shall be dumped into harbor waters.
2. The Contractor shall remove the existing anchor bolts as shown on the drawings. The exposed chipped concrete shall be repaired with non-shrink grout in accordance to the manufacturer's instructions.
3. The Contractor shall drill holes into the existing concrete structure and place new anchor bolts as shown on the drawings. The contractor shall exercise caution when drilling the holes so as not to hit the existing pier reinforcing steel. If reinforcing steel is encountered when drilling holes, the holes shall be patched with grout and new holes will be drilled. New anchor bolts and inside of holes shall be thoroughly cleaned, dried and coated with epoxy adhesive in accordance with the manufacturer's instructions.
4. The existing mooring bollards shall be reinstalled in accordance to the drawings. The bolts shall be torqued to 400 foot-pounds. The excess length of bolts shall be cut off and the bolt recesses in the bollard base filled with caulking compound. All bollards shall be set on a bed of non-shrink grout. The grout shall be finished around the base of the bollard in such a manner as to prevent water from seeping under the bollard.
5. No live loads shall be applied to the new bollards until the grout has been allowed to adequately cure according to the manufacturer's recommendations.

PAYMENT - Payment shall be made as specified below. Such payment shall include furnishing all labor, material, equipment and other expenses required to complete the work in accordance with the drawings and specifications.

Item 1 – Repair Bollards at Pier 1. Payment shall be made at the unit price bid as shown on the Small Purchase Written Quotations for Repair Bollards at Pier 1. Such payment shall include removing the existing bollards and hardware; repairing the pier deck; drilling holes for anchor bolts; installing existing mooring bollards and new hardware; and other incidental items and work required to complete this item.

REPAIR BOLLARDS AT PIER 1, HILO HARBOR - H. C. 50094

LIABILITY AND RESPONSIBILITY - The Contractor shall be solely responsible for providing, erecting and maintaining warning signs, lights, barricades, and/or other means as necessary to secure the job site and prevent the creation of a hazard to the work or adjacent areas. The Contractor shall take all reasonable precautions for safety in its operations and to prevent injury to its employees and to others at the jobsite.

The Contractor shall be responsible for any and all damages to the facilities or equipment caused by its operations. The Contractor shall, at its own expense, make prompt restitution for damages to the facilities caused by its operations or negligence. The Contractor shall comply with all applicable Federal, State, County, and local laws.

The Contractor shall hold harmless, indemnify, defend and where appropriate, insure the State from and against any and all claims for loss or injury arising out of, or connected with the Contractors' performance of the work hereunder. The Contractor agrees to indemnify and hold harmless the State, its officers, directors, agents and employees from demands, claims, liabilities, suits, actions, causes of action, judgments, cost and expenses, including attorneys fees for damages, injury, loss or death, including claims for damage to property and economic loss, whenever such damage, injury, loss or death that arises from the Contractors subject project operations or performance under the subject contract, including, its:

- a. Failure to protect adequately the project work;
- b. Actions, omissions, negligence or misconduct relating to this project; and
- c. Liability for claims arising under the A Worker's Compensation Act, or other laws, ordinances, orders or decrees.

The Contractor will be required to maintain a Comprehensive General Liability and Property Damage Insurance with a combined minimum single limit of \$1,000,000 per occurrence for bodily injury and property damage during the period of work under this project.

CONTRACTOR'S LICENSE - If the Contractor's license is required by law for the performance of the work, which is called for in this bid, the bidder must have the required license(s) before the submission of its proposal. Further, this license(s) shall be maintained until all work is completed and accepted by the Harbors Division.

AGREED & UNDERSTOOD



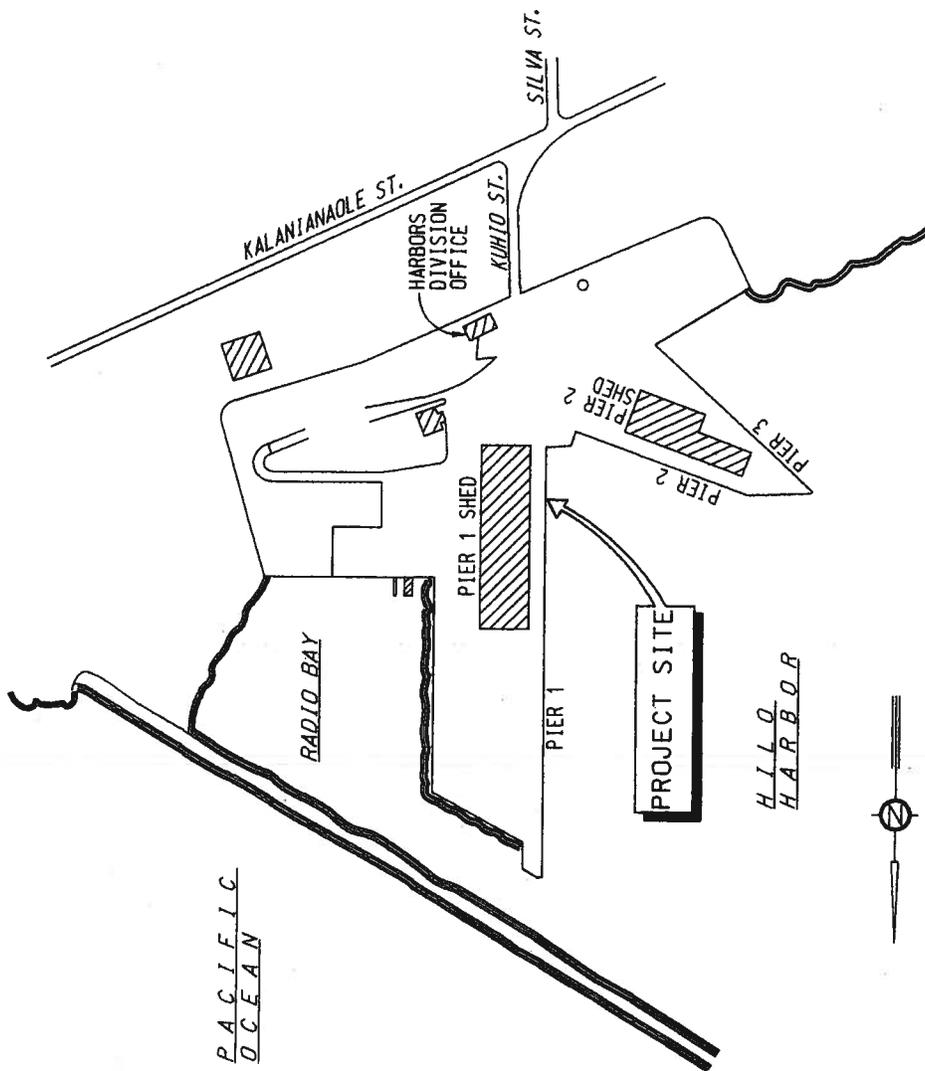
its, Vice President, Allan K.F. Lock

HAWAIIAN DREDGING

Company: CONSTRUCTION COMPANY, INC.

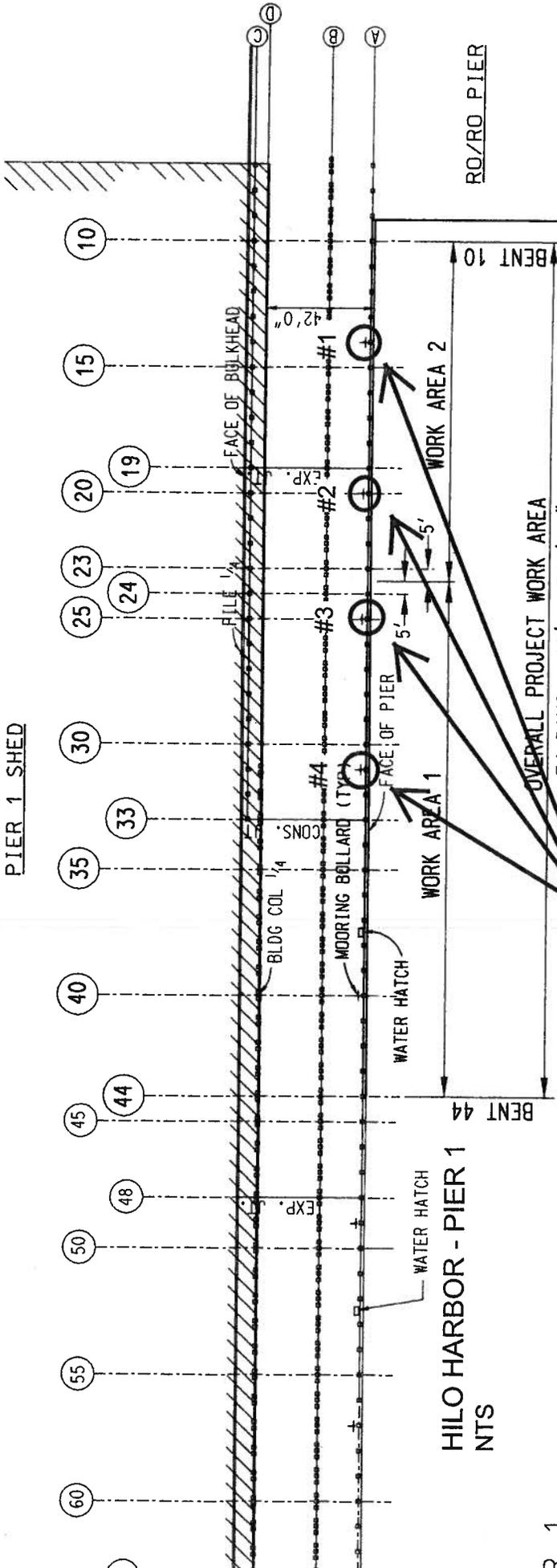
March 22, 2011

Date



PROJECT LOCATION

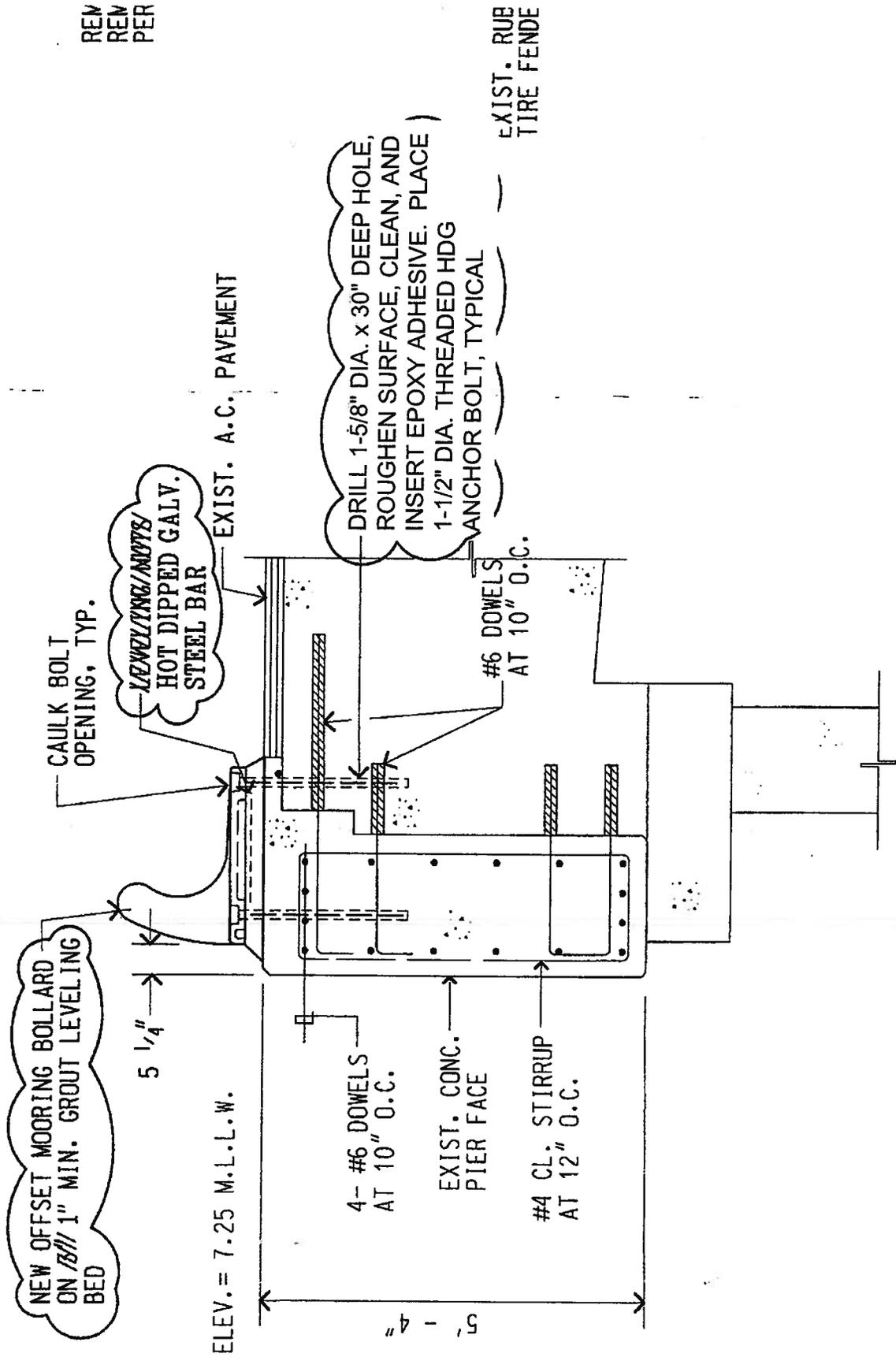
PIER 1 SHED



HILO HARBOR - PIER 1
NTS

R 1

| REVISION | DATE | DESCRIPTION | BY | APPROVED |
|---|------|---------------------------------------|----|-------------------|
| | | | | |
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION | | | | |
| JOB TITLE REPLACEMENT OF TIMBER FENDER SYSTEM AT PIER 1 HILO HARBOR, HAWAII | | | | |
| SHEET TITLE GENERAL PLAN, GENERAL NOTES | | | | |
| SUBMITTED BY: <i>[Signature]</i> | | RECOMMENDED BY: <i>[Signature]</i> | | SHEET 2 |
| DESIGNED BY: JS | | APPROVED BY: <i>[Signature]</i> | | 2 OF 8 SHEETS |
| DRAWN BY: KMC | | HARBORS ADMINISTRATOR | | |
| CHECKED BY: JS | | ENGINEERING PROGRAM MANAGER | | |
| DATE: DEC 2000 | | JOB NUMBER H.C. 5333 | | |
| SCALE: AS SHOWN | | | | |



REM
REM
PER

EXIST. RUB
TIRE FENDE

NEW OFFSET MOORING BOLLARD
ON 1" MIN. GROUT LEVELING
BED

5 1/4"

ELEV. = 7.25 M.L.L.W.

4- #6 DOWELS
AT 10" O.C.

EXIST. CONC.
PIER FACE

#4 CL. STIRRUP
AT 12" O.C.

CAULK BOLT
OPENING, TYP.

LEVELING NUTS/
HOT DIPPED GALV.
STEEL BAR

EXIST. A.C. PAVEMENT

DRILL 1-5/8" DIA. x 30" DEEP HOLE,
ROUGHEN SURFACE, CLEAN, AND
INSERT EPOXY ADHESIVE. PLACE
1-1/2" DIA. THREADED HDG
ANCHOR BOLT, TYPICAL

#6 DOWELS
AT 10" O.C.

SECTION AT BOLLARD - PIER 1

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