

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 05/23/03	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY U. S. ARMY CORPS OF ENGINEERS GALVESTON DISTRICT OFFICE P. O. BOX 1229 GALVESTON, TEXAS 77553-1229		CODE EC	7. ADMINISTERED BY (If other than Item 6) U. S. ARMY CORPS OF ENGINEERS GALVESTON DISTRICT OFFICE P. O. BOX 1229 GALVESTON, TEXAS 77553-1229		CODE CT
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(X)	9A. AMENDMENT OF SOLICITATION NO. DACW64-03-B-0017
				X	9B. DATED (SEE ITEM 11) 05/02/03
					10A. MODIFICATION OF CONTRACT/ORDER NO.
					10B. DATED (SEE ITEM 11)
CODE		FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;  
 or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 Galveston, Texas, Fort Point Boatyard, Hopper Dredge Dock Repairs

(See Attached)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

1. The specifications and drawings for Invitation No. DACW64-03-B-0017, Hopper Dredge Dock Repairs, Fort Point Boatyard, Galveston, Texas, advertised 2 May 2003, and for which bids are scheduled to be opened on 3 June 2003, are hereby modified as follows:

Specifications.

(1) SECTION 01451 CONTRACTOR QUALITY CONTROL. - Delete this Section and substitute the enclosed new SECTION 01451 entitled CONTRACTOR QUALITY CONTROL.

(2) SECTION 01500 TEMPORARY CONSTRUCTION FACILITIES. - Delete this Section and substitute the enclosed new SECTION 01500 entitled TEMPORARY CONSTRUCTION FACILITIES.

(3) SECTION 01520 CONSTRUCTION OFFICE. - Delete this Section in its entirety.

2. This amendment shall be attached to, and become a part of, the specifications.

2 Encls  
SECTION 01451  
SECTION 01500

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**GENERAL REQUIREMENTS**

**SECTION 01451 - CONTRACTOR QUALITY CONTROL**

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**SECTION 01451 - CONTRACTOR QUALITY CONTROL**

**PART 1 - GENERAL**

**1.1 REFERENCES.** The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

American Society for Testing and Materials (ASTM) Publications.

D 3740-01	Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction
E 329-02	Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction.

**1.2 PAYMENT.** Separate payment will not be made for providing and maintaining an effective Quality Control program, and the costs associated therewith will be included in the applicable unit prices or lump sum prices contained in the Bidding Schedule.

**PART 2 - PRODUCTS (Not Applicable)**

**PART 3 - EXECUTION**

**3.1 GENERAL.** The Contractor is responsible for Quality Control and shall establish and maintain an effective Quality Control System in compliance with the CONTRACT CLAUSE entitled INSPECTION OF CONSTRUCTION. The Quality Control System shall consist of plans, procedures, and organization necessary to produce an end product which complies with the contract requirements. The system shall cover all construction operations, both on-site and off-site, and shall be keyed to the proposed construction sequence.

**3.2 QUALITY CONTROL PLAN.**

3.2.1 General. The Contractor shall furnish for review by the Government, not later than 5 days after receipt of Notice to Proceed, the Contractor Quality Control Plan proposed to implement the requirements of the CONTRACT CLAUSE entitled INSPECTION OF CONSTRUCTION. The Plan shall identify personnel, procedures, control, instructions, tests, records, and forms to be used. The Government will consider an Interim Plan for the first 10 days of operation. Construction will be permitted to begin only after acceptance of the Contractor Quality Control Plan or

acceptance of an Interim Plan applicable to the particular feature of work to be started. Work outside of the features of work included in an accepted Interim Plan will not be permitted to begin until acceptance of a Contractor Quality Control Plan or another Interim Plan containing the additional features of work to be started.

3.2.2 Content of The Contractor Quality Control Plan. The Contractor Quality Control Plan shall include, as a minimum, the following to cover construction operations, both on-site and off-site, including work by subcontractors, fabricators, suppliers, and purchasing agents.

3.2.2.1 A description of the Quality Control organization, including a chart showing lines of authority and acknowledgment that the Contractor Quality Control staff shall implement the three (3) phase control system for all aspects of the work specified. The staff shall include a Contractor Quality Control System Manager who shall report to the project manager or someone higher in the Contractor's organization. Project manager in this context shall mean the individual with responsibility for the overall management of the project including quality and production.

3.2.2.2 The name; qualifications, in resume format; duties; responsibilities; and authorities of each person assigned a Quality Control function.

3.2.2.3 A copy of the letter to the Contractor Quality Control System Manager signed by an authorized official of the firm which describes the responsibilities and delegates sufficient authorities to adequately perform the functions of the Contractor Quality Control System Manager including authority to stop work which is not in compliance with the contract. The Contractor Quality Control System Manager shall issue letters of direction to other various Quality Control representatives outlining duties, authorities, and responsibilities. Copies of these letters shall also be submitted.

3.2.2.4 Control, verification, and acceptance testing procedures for each specific test to include the test name, specification paragraph requiring test, feature of work to be tested, test frequency, and person responsible for each test. Laboratory facilities shall be approved.

3.2.2.5 Procedures for tracking preparatory, initial, and follow-up control phases and control, verification, and acceptance tests including documentation.

3.2.2.6 Procedures for tracking construction deficiencies from identification through acceptable corrective action. These procedures will establish verification that identified deficiencies have been corrected.

3.2.2.7 Reporting procedures, including proposed reporting formats.

3.2.2.8 A list of the definable features of work. A definable feature of work is a task which is separate and distinct from other tasks, has separate control requirements, and may be identified by different trades or disciplines, or it may be work by the same trade in a different environment. Although each section of the specifications may generally be considered as a definable feature of work, there is frequently more than one

(1) definable feature under a particular section. This list will be agreed upon during the coordination meeting.

3.2.3 Acceptance of Plan. Acceptance of the Contractor's Plan is required prior to the start of construction. Acceptance is conditional and will be predicated on satisfactory performance during the construction. The Government reserves the right to require the Contractor to make changes in its Contractor Quality Control Plan and operations including removal of personnel, as necessary, to obtain the quality specified.

3.2.4 Notification of Changes. After acceptance of the Quality Control Plan, the Contractor shall notify the Contracting Officer in writing, a minimum of 7 calendar days, prior to a proposed change. Proposed changes are subject to approval.

**3.3 COORDINATION MEETING.** After the Pre-construction Conference, before start of construction, and prior to approval of the Quality Control Plan, the Contractor shall meet with the Contracting Officer and discuss the Contractor's Quality Control System. During the meeting, a mutual understanding of the System details shall be developed, including the forms for recording the Contractor Quality Control operations, control activities, testing, administration of the System for both on-site and off-site work, and the interrelationship of Contractor's management and control with the Government's Quality Assurance. Minutes of the meeting shall be prepared by the Government and signed by both the Contractor and the Contracting Officer. The minutes shall become a part of the contract file. There may be occasions when subsequent conferences will be called by either party to reconfirm mutual understandings and address deficiencies in the Contractor Quality Control System or procedures which may require corrective action by the Contractor.

### **3.4 QUALITY CONTROL ORGANIZATION.**

3.4.1 Contractor Quality Control System Manager. The Contractor shall identify an individual within its organization at the work site, who shall be responsible for overall management of Contractor Quality Control and have the authority to act in Contractor Quality Control matters for the Contractor. The Contractor Quality Control System Manager shall be on the site at all times during construction and shall be employed by the Contractor, except as noted in the following. An alternate for the Contractor Quality Control System Manager shall be identified in the Plan to serve in the event of the System Manager's absence. Periods of absence may not exceed 1 week at any one time, and not more than 20 workdays during a calendar year. The requirements for the alternate shall be the same as for the designated Contractor Quality Control Manager.

3.4.2 Contractor Organizational Staffing. The Contractor shall provide a Contractor Quality Control staff that shall be at the work site at all times during progress, with complete authority to take action necessary to ensure compliance with the contract.

3.4.2.1 Contractor Quality Control Staff. Following are the minimum requirements for the Contractor Quality Control staff. These minimum requirements will not necessarily assure an adequate staff to meet the Contractor Quality Control

requirements at all times during construction. The actual strength of the Contractor Quality Control staff may vary during any specific work period to cover the needs of the work period. When necessary for a proper Contractor Quality Control organization, the Contractor shall add additional staff at no cost to the Government. This listing of minimum staff in no way relieves the Contractor of meeting the basic requirements of quality construction in accordance with contract requirements. Contractor Quality Control staff members shall be subject to approval.

3.4.2.2 Contractor Quality Control System Manager. The Contractor Quality Control System Manager shall be an experienced construction person with a minimum of 5 years experience in related work. The Contractor Quality Control System Manager shall be assigned as System Manager but may have duties as project superintendent in addition to Quality Control.

3.4.2.3 Supplemental Personnel. The Contractor shall provide as part of the Contractor Quality Control organization, as a minimum, specialized personnel for the following areas: Civil, Structural, and Environmental. These personnel shall assist and report to the Contractor Quality Control System Manager. Each person will be responsible for assuring the construction complies with the contract requirements for their area of specialization. These individuals shall: be employed by the Prime Contractor, unless waived in writing by the Contracting Officer; may not be employed by a supplier or sub-contractor on this project; be responsible only to the Contractor Quality Control System Manager; be physically present at the construction site during work on their areas of responsibility; have the necessary education or experience to ensure contract compliance. A staff shall be maintained under the direction of the Contractor Quality Control System Manager to perform the Quality Control activities. The staff shall be of sufficient size to ensure adequate Quality Control coverage of work phases, work shifts, and work crews involved in the construction. These personnel may perform other duties, but shall be fully qualified by experience and technical training to perform their assigned Quality Control responsibilities and shall be allowed sufficient time to carry out these responsibilities. The Quality Control Plan shall clearly state the duties and responsibilities of each staff member.

3.4.3 Organizational Changes. The Contractor shall obtain approval before replacing a member of the Contractor Quality Control staff. Requests shall include the names, qualifications, duties, and responsibilities of each proposed replacement.

**3.5 CONTROL.** Contractor Quality Control is the means by which the Contractor ensures that the construction, to include that of subcontractors and suppliers, complies with the requirements of the contract. The controls shall be adequate to cover all construction operations, including both on-site and off-site fabrication, and will be keyed to the proposed construction sequence. The controls shall include at least three (3) phases of control, to be conducted by the Contractor Quality Control System Manager for each definable feature of work as follows.

3.5.1 Preparatory Phase. This phase shall be performed prior to beginning work on each definable feature of work and shall include:

- (1) A review of each paragraph of applicable specifications.
- (2) A review of the contract drawings.
- (3) A check to assure that materials and equipment have been tested, submitted, and approved.
- (4) A check to assure that provisions have been made to provide required control, inspection, and testing.
- (5) Examination of the work area to assure that the required preliminary work has been completed and is in compliance with the contract.
- (6) A physical examination of materials, equipment, and sample work to assure that they are on hand, conform to approved shop drawings or submitted data, and are properly stored.
- (7) A review of the appropriate activity hazard analysis to assure safety requirements are met.
- (8) Discussion of procedures for controlling quality of the work including repetitive deficiencies. Document construction tolerances and workmanship standards for that phase of work.
- (9) A check to ensure that the portion of the Plan for the work to be performed has been approved.
- (10) The Government shall be notified at least 24 hours in advance of beginning the preparatory control phase. This phase shall include a meeting conducted by the Contractor Quality Control System Manager and attended by the superintendent, other Contractor Quality Control personnel as applicable, and the foreman responsible for the definable feature. The results of the preparatory phase actions shall be documented by separate minutes prepared by the Contractor Quality Control System Manager and attached to the daily Quality Control Report. The Contractor shall instruct applicable workers as to the acceptable level of workmanship required to meet contract specifications.

3.5.2 Initial Phase. This phase shall be accomplished at the beginning of a definable feature of work. The following shall be accomplished:

- (1) A check of work to ensure that it is in compliance with contract requirements. Review minutes of the preparatory meeting.
- (2) Verify adequacy of controls to ensure full contract compliance. Verify required control inspection and testing.

- (3) Establish level of workmanship and verify that it meets minimum acceptable workmanship standards. Compare with sample panels as appropriate.
- (4) Resolve differences.
- (5) Check safety to include compliance with and upgrading of the safety plan and activity hazard analysis. Review the activity analysis with each worker.
- (6) The Government shall be notified a least 24 hours in advance of beginning the initial phase. Separate minutes of this phase shall be prepared by the Contractor Quality Control System Manager and attached to the daily Quality Control Report. Exact location of initial phase shall be indicated for future reference and comparison with follow-up phases.
- (7) The initial phase shall be repeated for each new crew to work on-site, or when acceptable specified quality standards are not being met.

3.5.3 Follow-Up-Phase. Daily checks shall be performed to assure continuing compliance with contract requirements, including control testing, until completion of the particular feature of work. The checks shall be made a matter of record in the Contractor Quality Control documentation. Final follow-up checks shall be conducted and deficiencies corrected prior to the start of additional features of work which may be affected by the deficient work. The Contractor shall not build upon or conceal non-conforming work.

3.5.4 Additional Preparatory and Initial Phases may be conducted on the same definable features of work as determined by the Government if the quality of on-going work is unacceptable; or if there are changes in the applicable Quality Control staff or in the on-site production supervision or work crew; or if work on a definable feature is resumed after a substantial period of inactivity, or if other problems develop.

### **3.6. TESTS.**

3.6.1 Laboratory Validation Requirements. The Contractor shall propose the minimum number of laboratories that can attain or have attained U.S. Army Corps of Engineers (USACE) validation in accordance with ER 1110-1-261 and consistent with the testing requirements in this contract. The Contractor may propose laboratories that shall be subsequently validated by the USACE, or select currently validated USACE laboratories. Website for the Engineering Regulation, ER-1110-1-261 is as follows <http://www.hnd.usace.army.mil/techinfo.htm>.

3.6.2 Laboratory Validation Procedures. If not currently validated, the laboratory shall be validated by the Engineering Research and Development Center, Materials Testing Center (MTC). The MTC may be contacted at (601) 634-2607. The laboratory

validation fee shall be paid directly to the MTC by the Contractor. The validation process requires 45 days to complete for laboratories without significant deficiencies. Detailed information on the validation process and forms that can be downloaded are available at <http://www.wes.army.mil/SL/MTC/mtc.htm>. Validation shall be accomplished by one (1) of the following processes:

- (1) Inspection shall be performed by the MTC in accordance with ASTM E 329.
- (2) A laboratory may be validated by auditing if it has been inspected by the Concrete and Cement Reference Laboratory (CERL) or AASHTO Materials Reference Laboratory (AMRL) within the past 2 years in accordance with ASTM E 329. The Audit shall be performed by the MTC. Inspection by the MTC may be required after auditing if one (1) or more of the critical testing procedures required in this project specification were not included in the CCRL or AMRL inspection report or if there is any concern that the laboratory may not be able to provide the required services.

3.6.3 Testing Procedure. The Contractor shall perform tests specified or required to verify that control measures are adequate to provide a product which conforms to contract requirements. Testing includes operation and acceptance tests when specified. The Contractor shall procure the services of a U.S. Army Corps of Engineers approved testing laboratory or establish an approved testing laboratory at the project site. A list of tests to be performed shall be furnished as a part of the Contractor Quality Control Plan. The list shall give the test name, frequency, specification paragraph containing the test requirements, the personnel and laboratory responsible for each type of test, and an estimate of the number of tests required. The Contractor shall perform the following activities and record and provide the following data:

- (1) Verify that testing procedures comply with contract requirements.
- (2) Verify that facilities and testing equipment are available and comply with testing standards.
- (3) Check test instrument calibration data against certified standards.
- (4) Verify that recording forms and test identification control number system, including the test documentation requirements, have been prepared.
- (5) Results of tests taken, both passing and failing tests, shall be recorded on the Quality Control Report for the data taken. Specification paragraph reference, location where tests were taken, and the sequential control number identifying the test shall be given. Actual test reports may be submitted later, if approved, with a reference to the test number and date taken. An information copy

of tests performed by an off-site or commercial test facility shall be submitted. Failure to submit timely test reports, as stated, may result in nonpayment for related work performed and disapproval of the test facility for this contract.

Coordination for each specific test, exact delivery location and dates will be made through the Northern Area Office.

**3.7 COMPLETION INSPECTION.** At the completion of the work or any increment thereof established by a completion time stated in the NON-REGULATED SPECIAL CONTRACT REQUIREMENTS CLAUSE entitled COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK or stated elsewhere in the specifications, the Contractor Quality Control System Manager shall conduct an inspection of the work and develop a "punch list" of items which do not conform to the approved drawings and specifications. This list of deficiencies shall be included in the Contractor Quality Control documentation, as required by the Paragraph: DOCUMENTATION below, and shall include the estimated date by which the deficiencies will be corrected. The Contractor Quality Control System Manager or staff shall make a second completion inspection to ascertain that deficiencies have been corrected and so notify the Government. These inspections and deficiency corrections required by this Subparagraph shall be accomplished within the time stated for completion of the entire work or any particular increment thereof if the project is divided into increments by separate completion dates.

**3.8 DOCUMENTATION.** The Contractor shall maintain current records of Quality Control operations, activities, and tests performed including the work of subcontractors and suppliers. These records shall be on an acceptable form and shall include factual evidence that required Quality Control activities or tests have been performed, including but not limited to the following:

- (1) Contractor or subcontractor and their area of responsibility.
- (2) Operating plant and equipment with hours worked, idle, or down for repair.
- (3) Work performed today, giving location, description, and by whom. When Network Analysis System (NAS) is used, identify each phase of work performed each day by NAS activity number.
- (4) Test and control activities performed with results and references to specifications and drawing requirements. The control phase shall be identified as Preparatory, Initial, and Follow-up. List deficiencies noted along with corrective action.
- (5) Material received with statement as to its acceptability and storage.
- (6) Identify submittals reviewed, with contract reference, by whom, and action taken.

- (7) Off-site surveillance activities, including actions taken.
- (8) Job safety evaluations stating what was checked, results, and instructions or corrective actions.
- (9) List instructions given and received and conflicts in drawings or specifications.
- (10) Contractor's verification statement.
- (11) These records shall indicate a description of trades working on the project; the number of personnel working; weather conditions encountered; and delays encountered. These records shall cover both conforming and deficient features and shall include a statement that equipment and materials incorporated in the work and workmanship comply with the contract. The original and one (1) copy of these records in report form shall be submitted daily within 24 hours after the date(s) covered by the report, except that reports need not be submitted for days on which no work is performed. As a minimum, one (1) report shall be prepared and submitted for every 7 days of no work and on the last day of a no work period. Calendar days shall be accounted for throughout the life of the contract. The first report following a day of no work shall be for that day only. Reports shall be signed and dated by the Contractor Quality Control System Manager. The report from the Contractor Quality Control System Manager shall include copies of test reports and copies of reports prepared by subordinate Quality Control personnel.

**3.9 NOTIFICATION OF NON-COMPLIANCE.** The Contracting Officer will notify the Contractor of detected non-compliance with the foregoing requirements. The Contractor shall, after receipt of this notice, immediately take corrective action. A notice, when delivered to the Contractor at the work site, shall be deemed sufficient for the purpose of notification. If the Contractor fails or refuses to comply promptly, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. No part of the time lost due to stop orders shall be made the subject of claim for extension of time or for excess costs or damages by the Contractor.

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**SECTION 01500 - TEMPORARY CONSTRUCTION FACILITIES**

**PART 1 - GENERAL**

**1.1 DOCK LOAD LIMIT.** The Contractor shall limit loading on the existing dock to that of a 1-ton pickup.

1.1.1 Work Limits. The Contractor shall limit its work activities to that of the dock area. Work and storage of materials shall be conducted from floating plant.

**1.2 SECURITY..** This is a secure government installation and site access is controlled accordingly. To be eligible to perform under this construction contract the contract employee shall meet the requirements specified below. These requirements are developed based on the guidelines of Army Regulations 380-19 and 380-67, available at the Galveston District Office or at the following website: <http://www.hnd.usace.army.mil/techinfo>. The Contractor shall work closely with site security and keep them informed of anticipated personnel entering and leaving the site. The following shall be submitted as specified herein.

1.2.1 Records Submittal. The Contractor shall submit a **Felony** Criminal Records (History) Statement from the County Clerk's office for each contract employee scheduled to work under this contract for less than 6 months. The statement with the County Clerk's official seal shall be submitted to the Contracting Officer no later than 5 working days after contract award. Note: This request shall be made in person at the Clerk's office.

1.2.2 Background Investigation. The Contractor shall conduct a Background Investigation through the Defense Security Service (DSS) on employees that are scheduled to work under this contract for longer than 6 months. The Contractor shall also provide a written response to the Contracting Officer within 30 days after contract award stating that the action has been submitted to DSS on each employee. Once the Contractor receives a response from the DSS on the status of the investigation on each individual, the Contractor shall forward that information to the Contracting Officer.

To obtain guidance on Background Investigations, contact the Defense Security Service (DSCO) at 1-888-282-7682.

**1.3 SECURITY PROVISIONS.** The site is located entirely on the Fort Point Reservation with controlled access, however, the Contractor shall be responsible for the security of its equipment. In addition, the Contractor may notify the appropriate site security personnel requesting periodic security checks of the temporary project field office.

1.3.1 Identification of Employees. When required, the Contractor shall obtain and provide fingerprints of persons employed on the project. The Contractor and subcontractor personnel shall wear identifying markings on hard hats clearly identifying the company for whom the employee works.

1.3.2 Employee Parking. Contractor employees shall park privately owned vehicles in designated areas. This area will be within reasonable walking distance of the construction site. Contractor employee parking shall not interfere with existing and established parking requirements of the Government office complex.

**1.4 PAYMENT.** No separate payment will be made for the work covered in this Section and the costs in connection therewith shall be considered a subsidiary obligation of the Contractor.

## **PART 2 - PRODUCTS**

### **2.1 BULLETIN BOARD.**

2.1.1 General. The Contractor shall furnish, install, and maintain, for the duration of this contract, a weather-tight Bulletin Board approximately 3 feet high by 5 feet wide having not less than two (2) hinged or sliding glazed doors with provisions for locking.

2.1.2 Information to be Displayed. The following shall be posted on the bulletin board and shall be maintained by the Contractor in a legible condition for the duration of this contract:

- (1) The "Equal Employment Opportunity is the Law" Poster.
- (2) Wage Rate Information Poster (Form SOL-155).
- (3) The "Notice to Employees" Poster. (Department of Labor WH Publication 1321).
- (4) The schedule of minimum wage rates for the contract as required by the CONTRACT CLAUSE entitled DAVIS-BACON ACT.
- (5) Safety Posters. (Note: Outdated safety posters may be removed from the bulletin board when approved.)
- (6) The "Handicapped? You Have Job Rights!" Poster (ESA Publication 1406).

2.1.3 Availability. The posters specified above, with the exception of Item (4), can be obtained from the Department of Labor at the following web site: <http://www.dol.gov/dol/osbp/public/regs/main.htm>.

**2.2 SIGNS.** The Contractor shall furnish and install one (1) Safety Performance sign and one (1) Project Identification sign. (See Sketches Nos. 1 and 2). The two (2) signs shall be fabricated in accordance with U.S. Army Corps of Engineers Sign Standards Manual (EP 310-1-6a and EP 310-1-6b) and displayed side by side and mounted for reading by passing viewers. The exact placement location will be approved.

2.2.1 Safety Performance Sign, HDO-3. The Contractor shall furnish the materials, as specified in the attached Sketches, and labor to erect a HDO-3 (High Density Overlaid) plywood Safety Performance sign. The Safety sign shall have lettering applied as specified and be installed in accordance with Sketches Nos. 1 and 3. Three (3) sets of replaceable numbers as specified on Sketch No. 1, shall be furnished by the Contractor. The numbers shall be changed daily to correspond to the number of days worked without a disabling injury. The sign shall be maintained in good condition throughout the construction performance time. The sign shall remain the property of the Contractor and shall be removed upon completion of the contract work.

2.2.2 Project Identification Sign, HDO-4. The Contractor shall furnish the materials as specified in the attached Sketches, and labor to erect a HDO-4 (High Density Overlaid) plywood Project Identification sign. The Project sign shall have lettering applied as specified and be installed in accordance with Sketches Nos. 2 and 4. The sign shall be maintained in good condition throughout the construction performance time. The sign shall remain the property of the Contractor and shall be removed upon completion of the contract work.

2.2.3 Fabricators. The Contractor may have signs fabricated by the fabricators listed below or other approved fabricators. The listed fabricators have the capability to fabricate signs in accordance with U.S. Army Corps of Engineers Sign Standards Manual with a completion time of 21 to 45 days.

U.S. Department of Justice  
UNICOR  
Federal Prison Industries, Inc.  
320 First Street, N.W.  
Washington, D.C. 20534  
(303) 763-2588  
completion time: 45 days

Hall Signs, Inc.  
3000 West Third Street  
Bloomington, Indiana 47402  
1-800-284-7446  
completion time: 21 days

Interstate Highway Sign Co.  
Division of Mark IV Industries  
6005 Scott Hamilton Drive  
Little Rock, Arkansas 72219  
(501) 490-4242  
completion time: 21-30 days

Lyle Sign  
7934 Wallace Road  
Eden Prairie, MN 55344  
(612) 934-7653  
completion time: 21-30 days

### **PART 3 - EXECUTION**

**3.1 GENERAL.** Immediately upon beginning work under this contract, the Contractor shall accomplish the work covered under this Section. Location of the Bulletin Board shall be as directed, in a prominent place accessible to employees of the Contractor, subcontractors, and to applicants for employment. The bulletin board shall remain the property of the Contractor and shall be removed upon completion of the contract work.

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# SAFETY PERFORMANCE SIGN

Below is a sample of the 4' x 4' Safety Performance Sign.

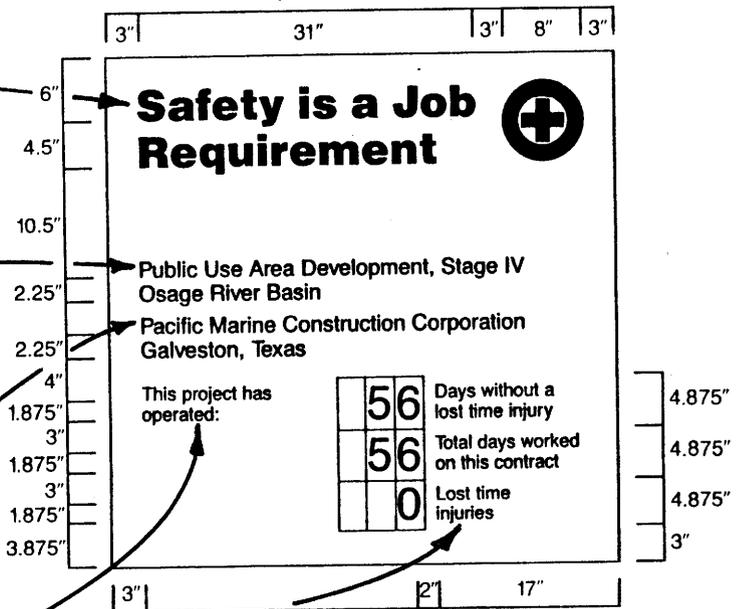
Each contractor's safety record is to be posted on Corps managed or supervised construction projects and mounted with the construction Project Identification Sign specified on Sketch No. 2. Fabrication and installation guidelines are provided on Sketch No. 3. The graphic format, color, size and typefaces used on the sign are to be reproduced exactly as specified below. The title with First Aid logo in the top section of the sign, and the performance record captions are standard for all signs of this type. Legend Groups 2 and 3 below identify the project and the contractor and are to be placed on the sign as shown. Safety record numbers are mounted on individual metal plates and are screw mounted to the background to allow for daily revisions to posted safety performance record. Special applications or situations not covered in these guidelines should be referred to the Contracting Officer.

**LEGEND GROUP 1:** Standard two-line title "Safety is a Job Requirement", with (8"od.) Safety Green First Aid logo. Color: To match PMS 347  
Typeface: 3" Helvetica Bold  
Color: Black

**LEGEND GROUP 2:** One- to two-line project title legend describes the work being done under this contract and name of host project.  
Color: Black  
Typeface: 1.5" Helvetica Regular  
Maximum line length: 42"

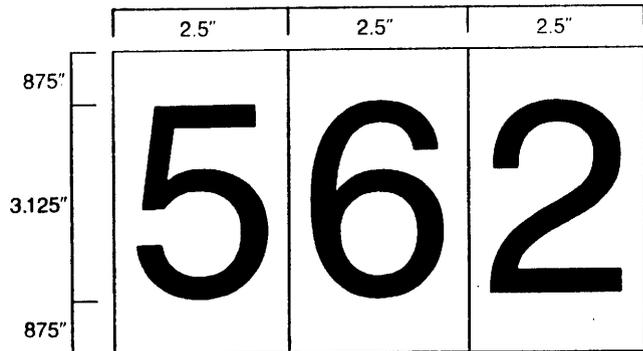
**LEGEND GROUP 3:** One- to two-line identification: name of prime contractor and city, state address.  
Color: Black  
Typeface: 1.5" Helvetica Regular  
Maximum line length: 42"

**LEGEND GROUP 4:** Standard safety record captions as shown.  
Color: Black  
Typeface: 1.25" Helvetica Regular



## REPLACEABLE NUMBERS

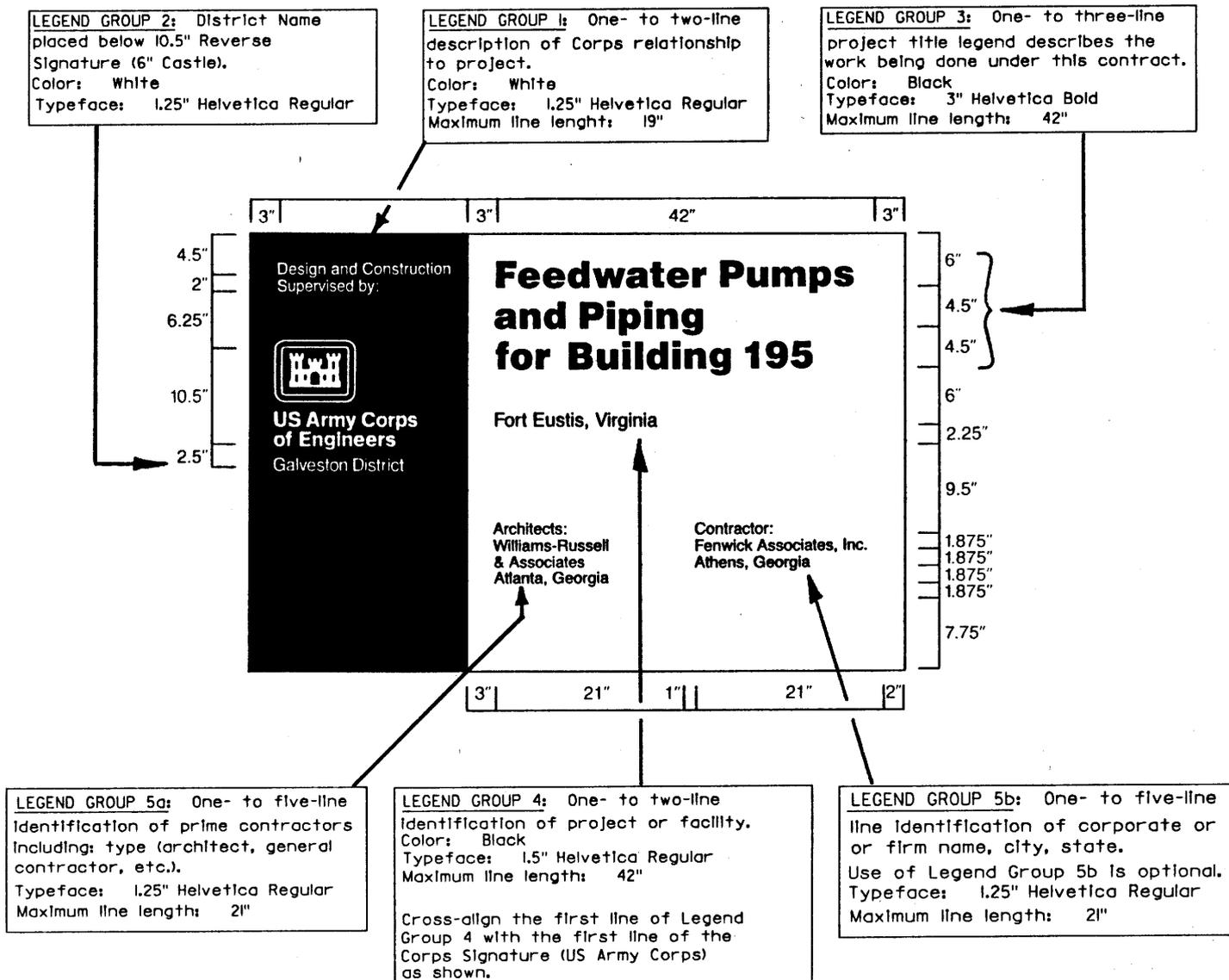
Replaceable numbers are to be mounted on white .060 aluminum plates and screw-mounted to background.  
Color: Black  
Typeface: 3" Helvetica Regular  
Plate size: 2.5" x .5"



All legends are to be die-cut or computer cut in the sizes and typefaces specified and applied to the white panel background. All typography is flush left and rag right, upper and lower case with initial capitals as shown.

# PROJECT IDENTIFICATION SIGN

Below is a sample of the construction Project Identification Sign. The graphic format for this 4' x 6' sign panel follows the legend guidelines and layout as specified below. The large 4' x 4' section of the panel on the right is to be white with black legend. The 2' x 4' section of the sign on the left with the full Corps signature (reverse version) is to be screen printed Communications Red on the white background. This sign is to be placed with the Safety Performance Sign shown on Sketch No. 1. Fabrication and installation guidelines are provided on Sketch No. 4. Special applications or situations not covered in these guidelines should be referred to the Contracting Officer.



All legends are to be die-cut or computer cut in the sizes and typefaces specified and applied to the white panel background. All typography is flush left and rag right, upper and lower case with initial capitals as shown.

# FABRICATION AND INSTALLATION GUIDELINES

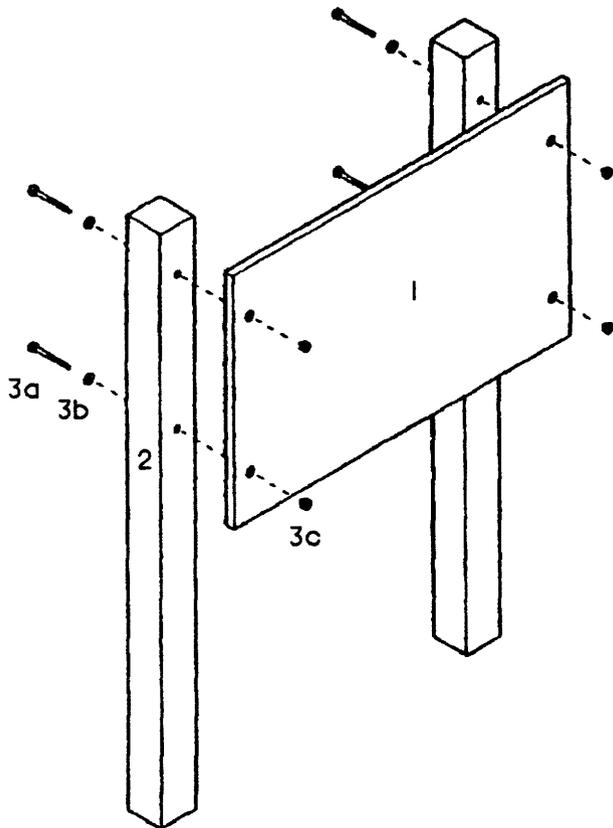
## FOR SAFETY PERFORMANCE SIGN

### NOTES:

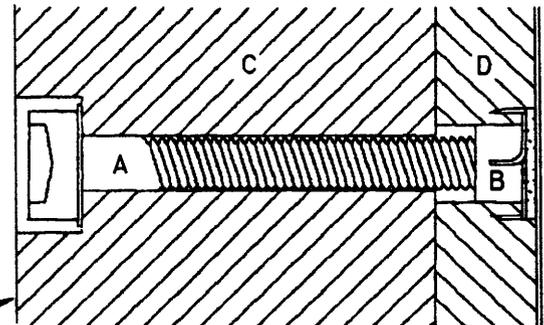
1. .75" Thick High Density Overlaid Plywood Panel
2. 4"x4"x12' wolmanized treated post
- 3a-c. Panel attachment hardware, see detail below

### DETAIL NOTES:

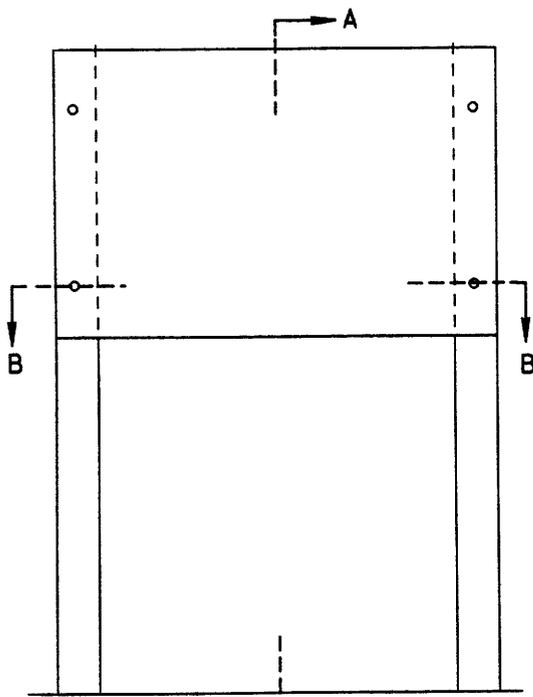
- A .375" socket head cap screws and .375" washer, countersunk at least .25" from the surface of of the sign post.
- B .375" 4-prong straight barrel t-nut, countersunk and back-filled with Bondo or approved equal, flush to front of the panel.
- C 4"x4"x12' wolmanized treated post
- D .75" Thick High Density Overlaid Plywood Panel



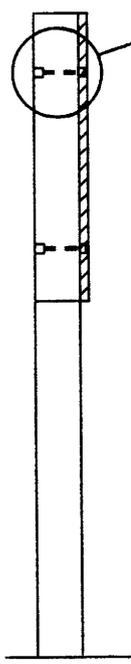
Exploded View



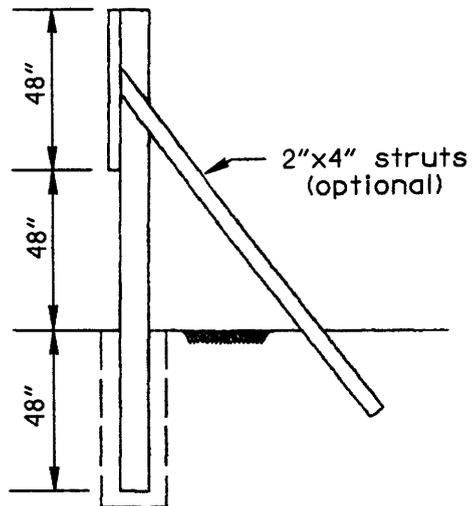
HARDWARE DETAIL



Front View



Cross Section A-A



Cross Section B-B

SKETCH NO. 3

# FABRICATION AND INSTALLATION GUIDELINES

## FOR PROJECT IDENTIFICATION SIGN

### NOTES:

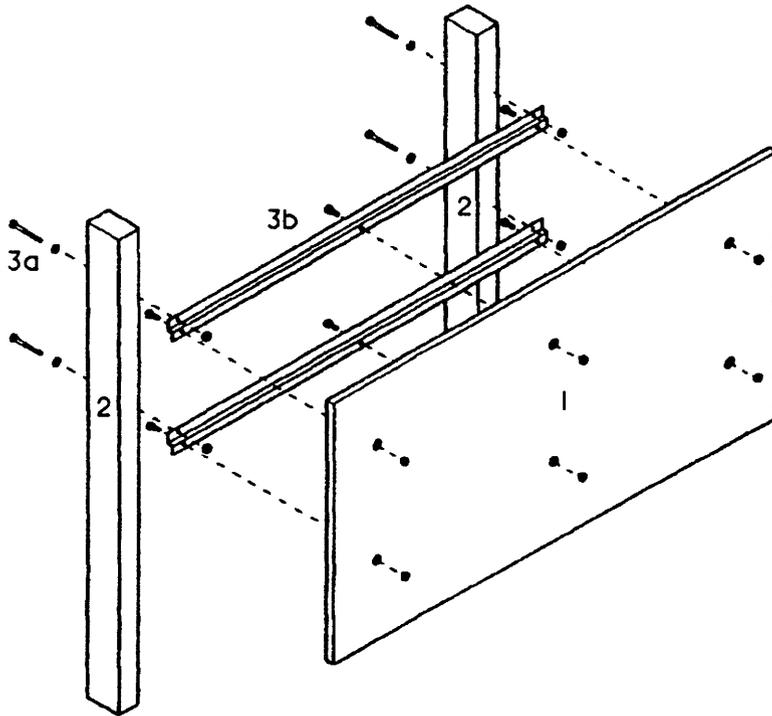
1. .75" Thick High Density Overlay Plywood Panel. panel may require reinforcement using a "Z" bar attached to the back of the sign panel.
2. 4"x4"x12' wolmanized treated post

3a. Panel attachment hardware, see detail below.

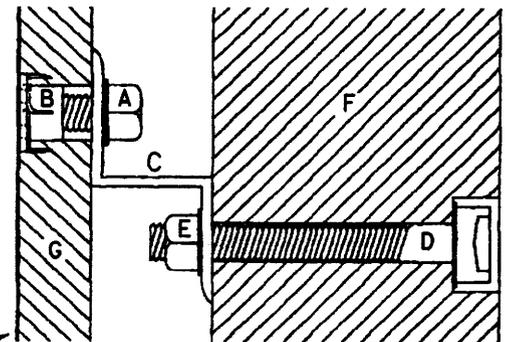
3b. Additional panel hardware, to be used when "Z" bar is applied for reinforcement. See detail below.

### DETAIL NOTES:

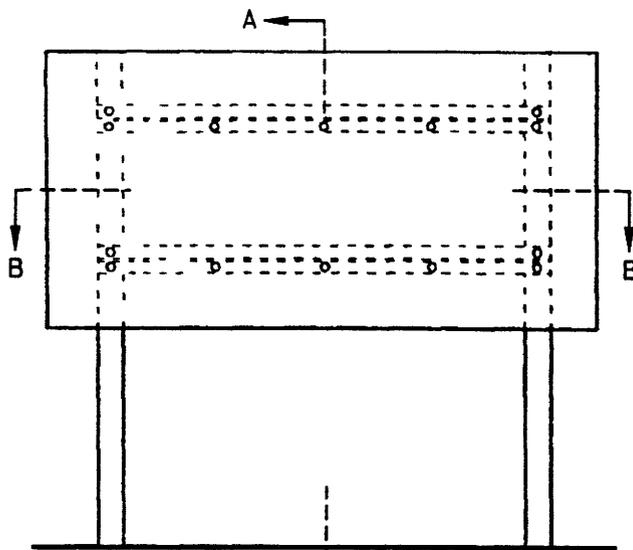
- A .25" stainless steel hex head cap screw with .25" flat stainless steel and .25" PVC washer.
- B .25" 4-prong straight barrel T-nut, countersunk and back-filled with Bondo or approved equal, flush to the front of panel.
- C 3"x 2.6875"x 2.2.6875" aluminum 6061-T6 "Z" bar, .25" thick.
- D .375" socket head cap screw and .375" washer, countersunk at least .25" from the surface of the sign post.
- E .375" zinc-plated hex nut with .375" zinc-plated flat washer.
- F 4"x 6"x 12' wolmanized treated post.
- G .75" Thick High Density Overlay Plywood Panel



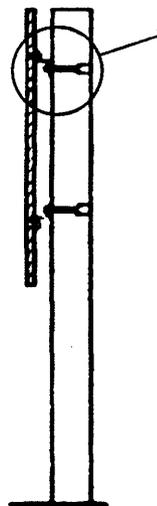
Exploded View



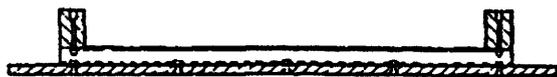
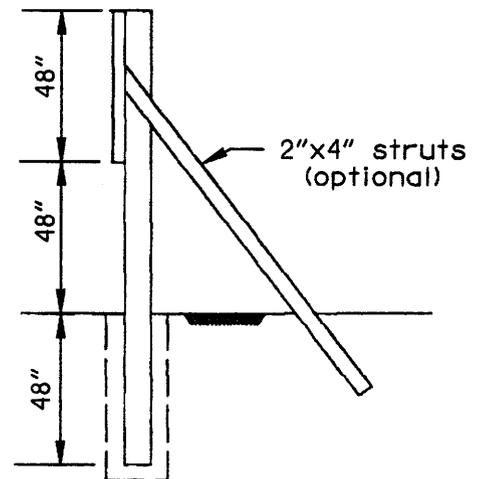
HARDWARE DETAIL



Front View



Cross Section A-A With Z Bar



Cross Section B-B With Z Bar