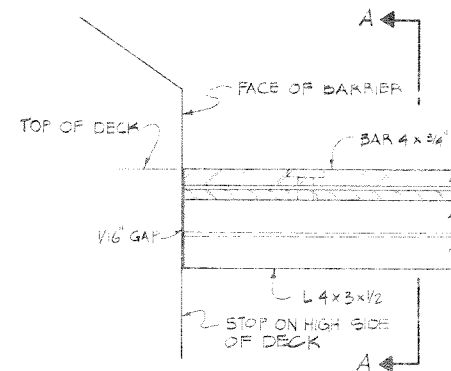
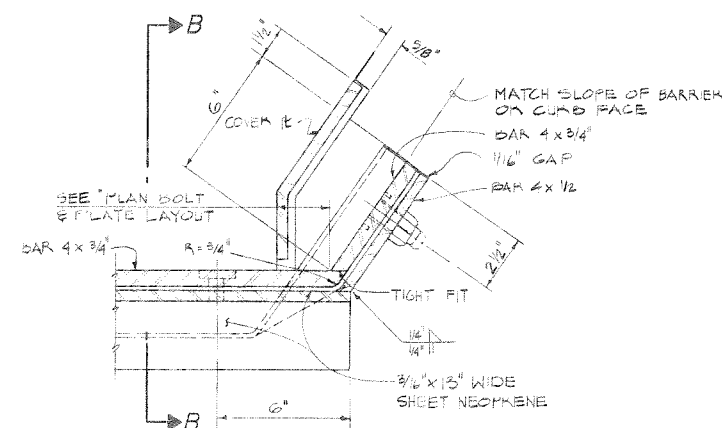
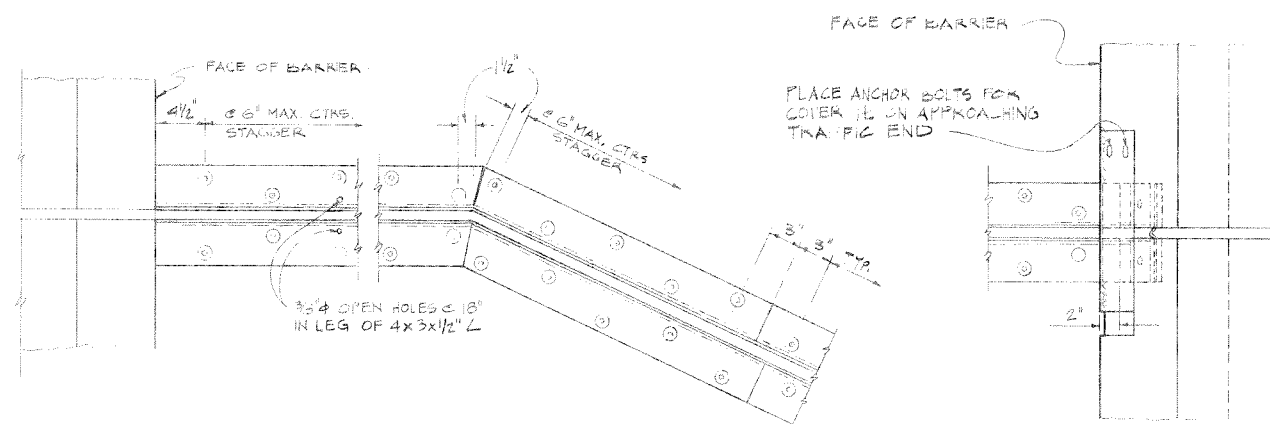




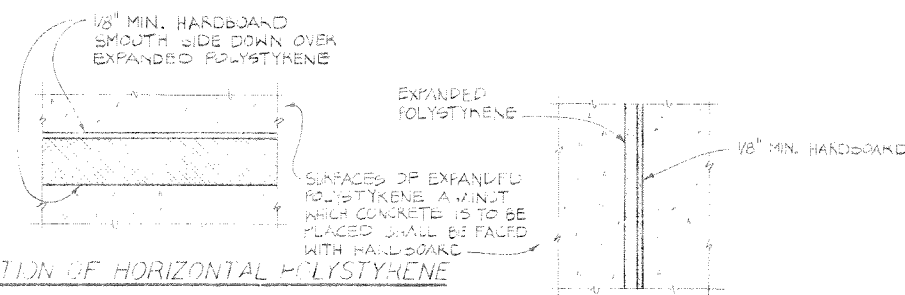
**HIGH SIDE BARRIER DETAIL**  
3"=1'-0"



**LOW SIDE BARRIER DETAIL**  
3"=1'-0"

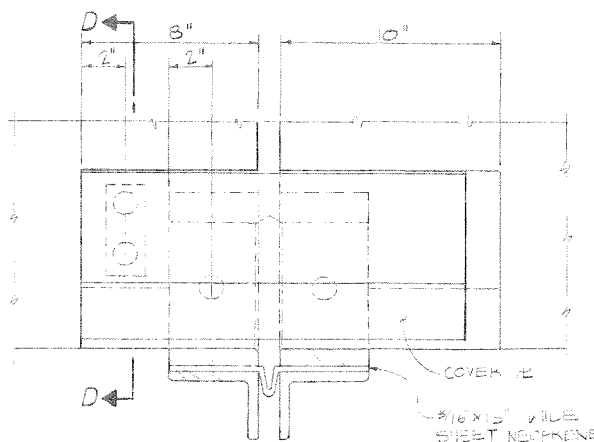


**PLAN - BOLT AND PLATE LAYOUT**  
1/12"=1'-0"

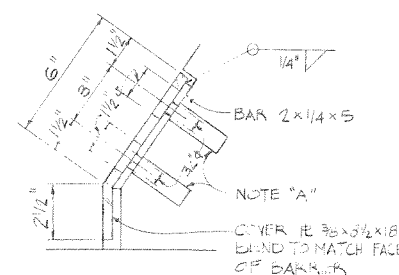


**PROTECTION OF HORIZONTAL POLYSTYRENE**

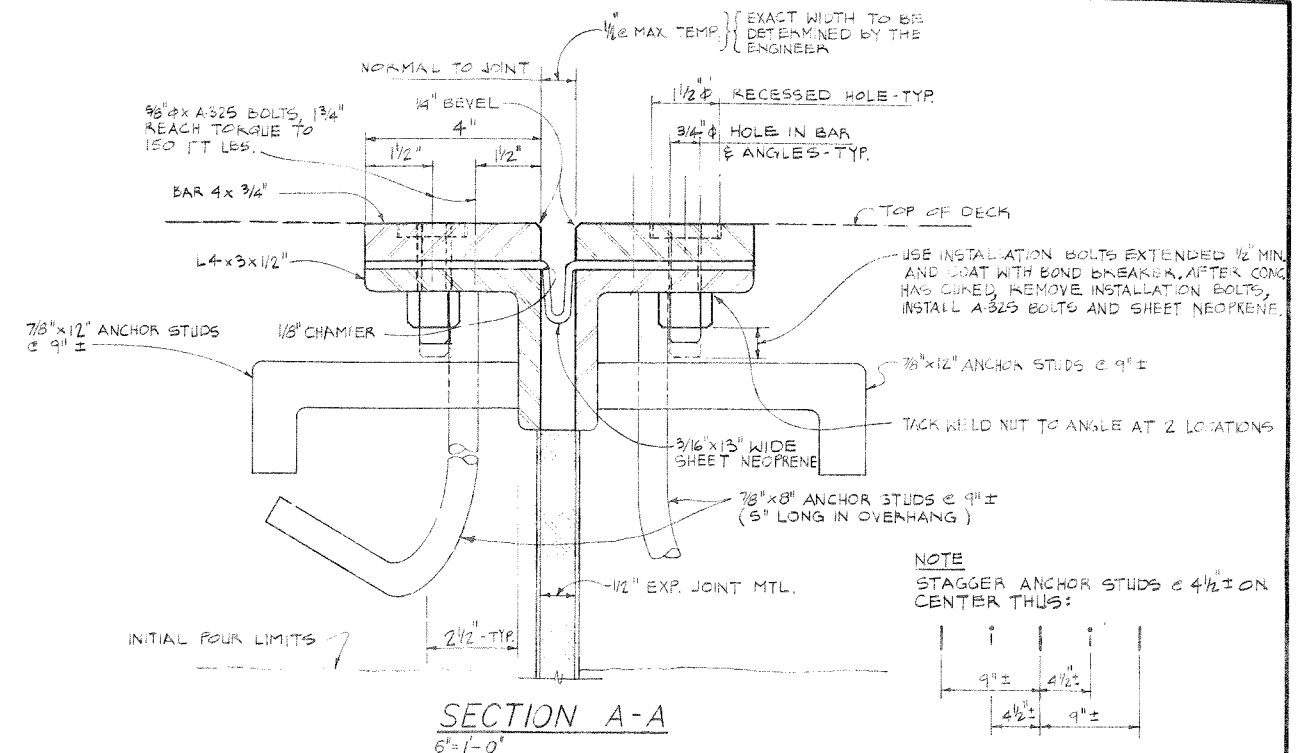
**PROTECTION OF VERTICAL POLYSTYRENE**



**VIEW B-B**  
3"=1'-0"

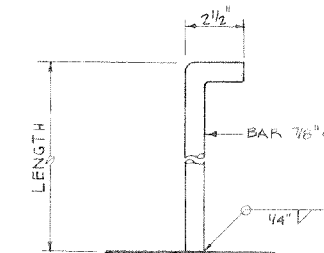


**SECTION D-D**  
3"=1'-0"



**SECTION A-A**  
6"=1'-0"

| JOINT INFORMATION |                      |       |
|-------------------|----------------------|-------|
| LOCATION          | MOVEMENT RATING (MR) | SKIEW |
| HINGE             | 4"                   | 30°   |



**ANCHOR STUD**

#### NOTES

1. FULL PENETRATION BUTT WELDS MAY BE SUBSTITUTED FOR THE FILLET WELDS ON ALL ANCHOR STUDS.
2. ALTERNATE TYPES OF ANCHOR STUDS MAY BE PERMITTED SUBJECT TO THE APPROVAL BY THE ENGINEER.
3. JOINT SEAL ASSEMBLY TO BE USED IN CONJUNCTION WITH CLOSURE FOUK (SEE OTHER SHEETS FOR LIMITS). CLOSURE FOUK SHALL NOT BE PLACED UNTIL DECK SURFACE IS WITHIN THE TOLERANCE SPECIFIED.
4. JOINT SEAL ASSEMBLY TO BE FABRICATED IN 4' MAX. LENGTHS. USE JOINT AT CROWN OF ROADWAY, AT ANY CHANGE IN TRANSVERSE SLOPE IN DECKS, AND AT CHANGES IN HORIZONTAL DIRECTION. PLACE OTHER JOINTS AT OR NEAR LANE LINES. ALL METAL PARTS TO BE GALVANIZED AFTER FABRICATION.
5. SHEET NEOPRENE SHALL BE FABRICATED IN ONE CONTINUOUS PIECE OR JOINTS SHALL BE VULCANIZED. NEOPRENE SHALL BE FABRICATED TO BEND AROUND CORNERS. HOLES IN NEOPRENE SHEETS SHALL BE DRILLED OR PUNCHED SO THAT THE NEOPRENE IS NOT DISTORTED AT THE TIME OF INSTALLATION.

#### NOTE "A"

INSERT ASSEMBLY OR EXPANSION ANCHORAGE FOR 5/8" x 3/4" A-325 BOLT.

1 1/2 0 1 2  
3 inches on original drawing

**WHEELER & GRAY**  
CONSULTING ENGINEERS  
2512 Chambers Road, Suite 205  
Tustin, California 92680

*George W. Gray*  
S.E.# 764

| ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY                 |            |             |                               |
|---------------------------------------------------------------|------------|-------------|-------------------------------|
| ALICIA PARKWAY BRIDGE (AR-2) OVER ARROYO TRABUCO CREEK (LO-2) |            |             |                               |
| JOINT SEAL ASSEMBLY                                           |            |             |                               |
| MARK                                                          | DATE       | DESCRIPTION | PREPARED UNDER SUPERVISION OF |
| REVISIONS                                                     |            |             |                               |
| DESIGNED                                                      | W. F. POND | SCALE       | DATE                          |
| DRAWN                                                         | E. G.      | CHECKED     | AS SHOWN                      |
| DWG. NO.                                                      |            |             | SHEET 42 OF 51                |