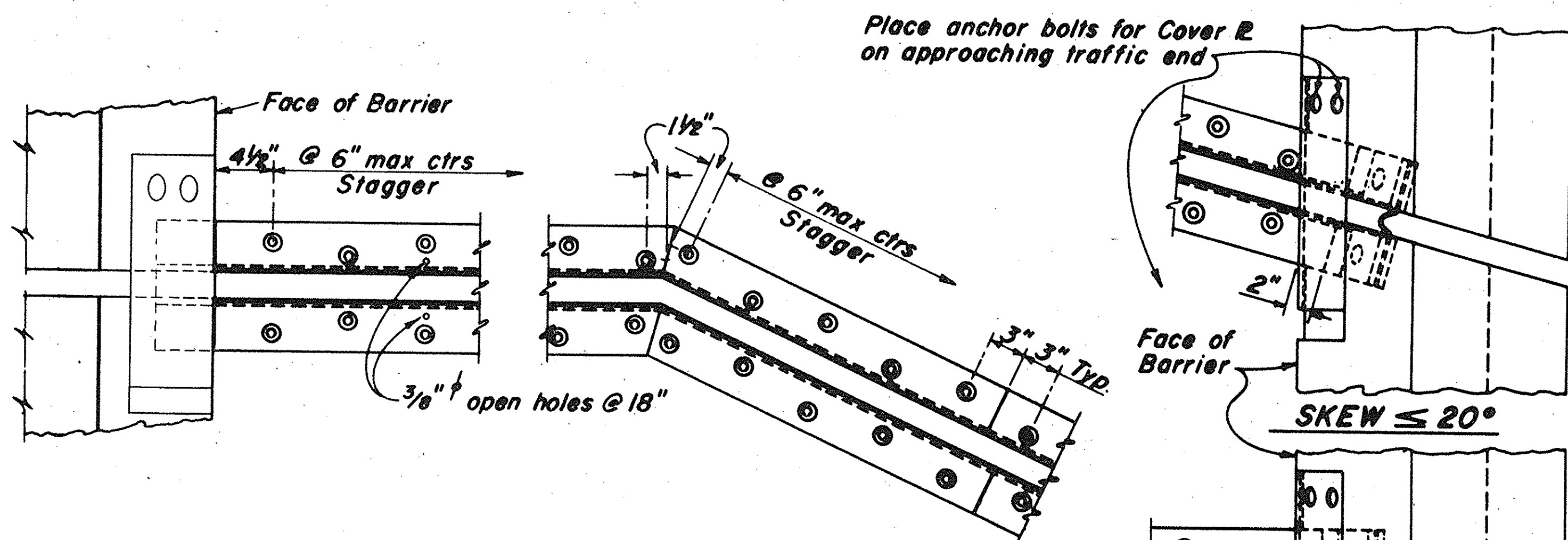
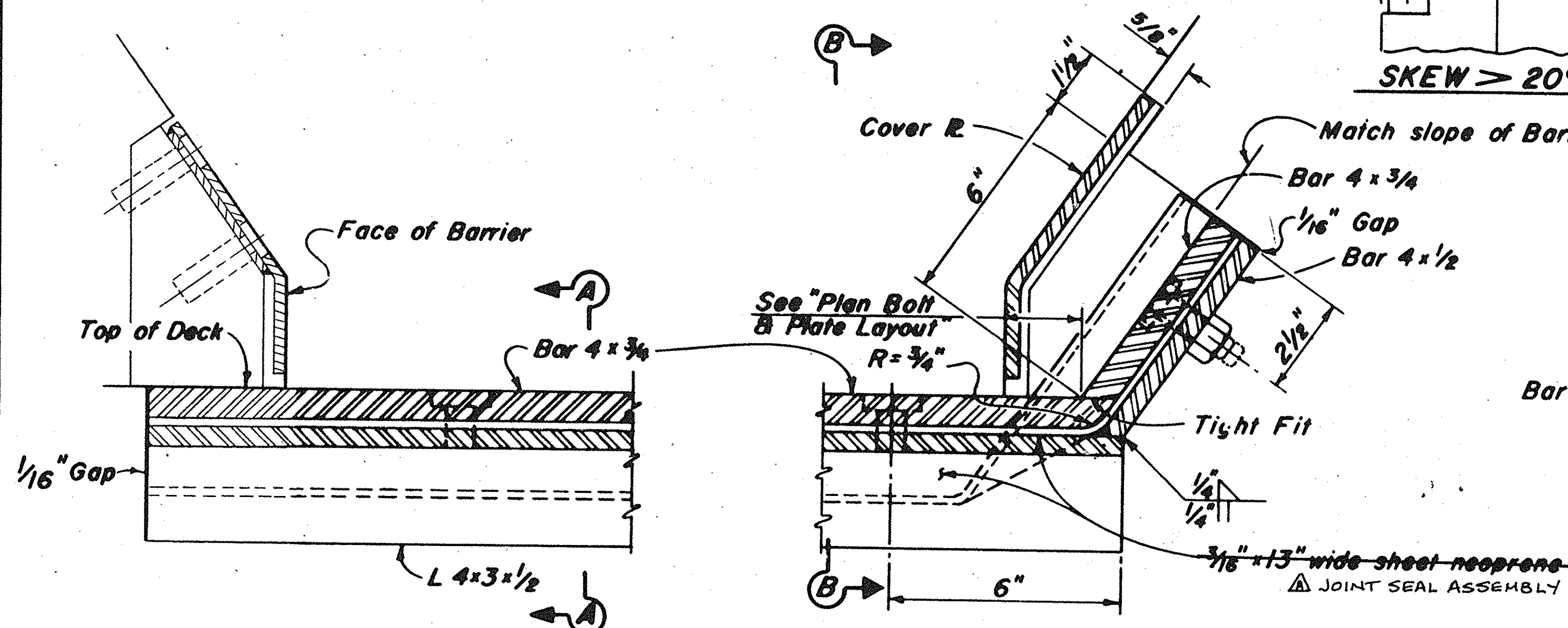


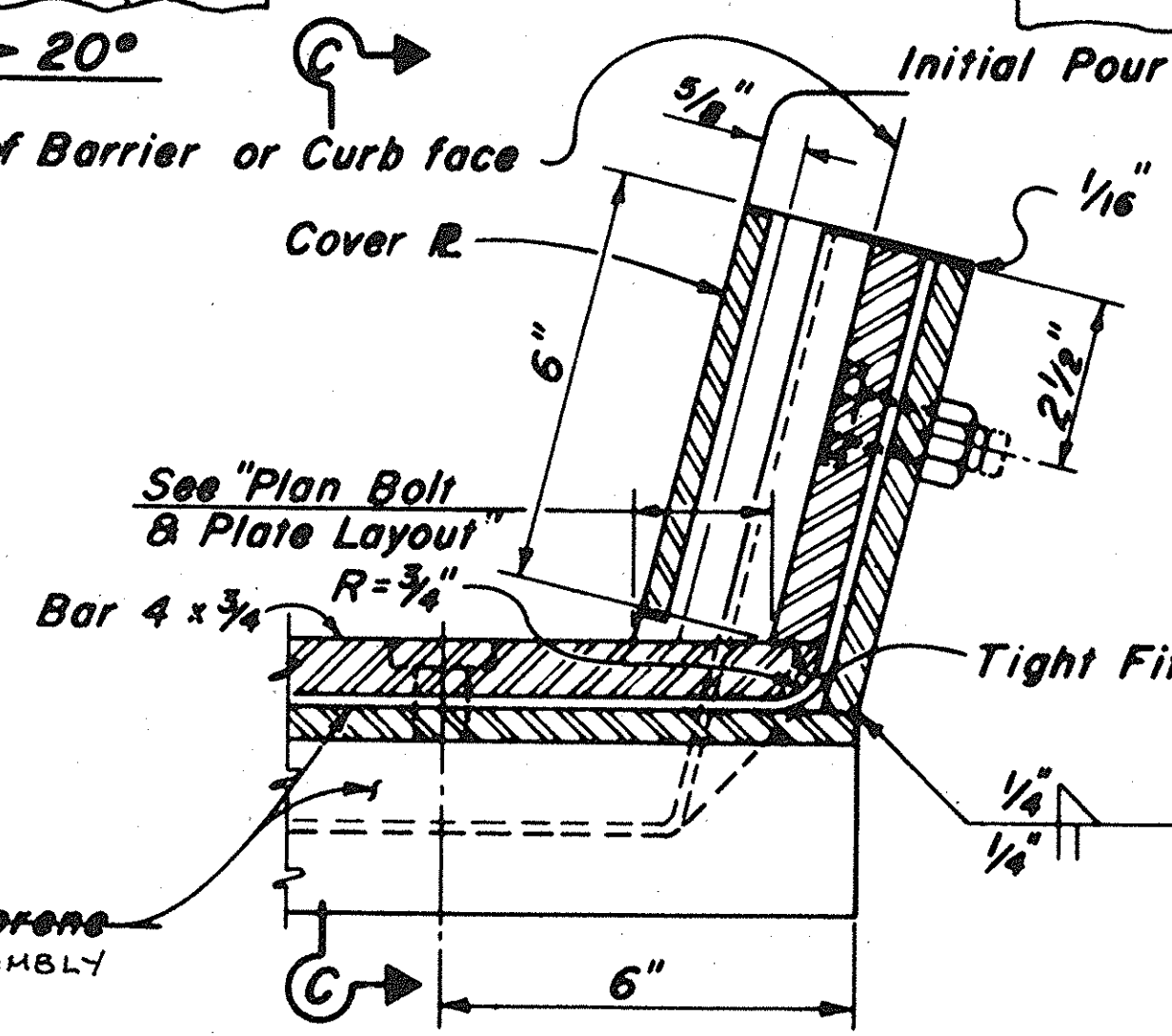


PLAN
BOLT & PLATE LAYOUT

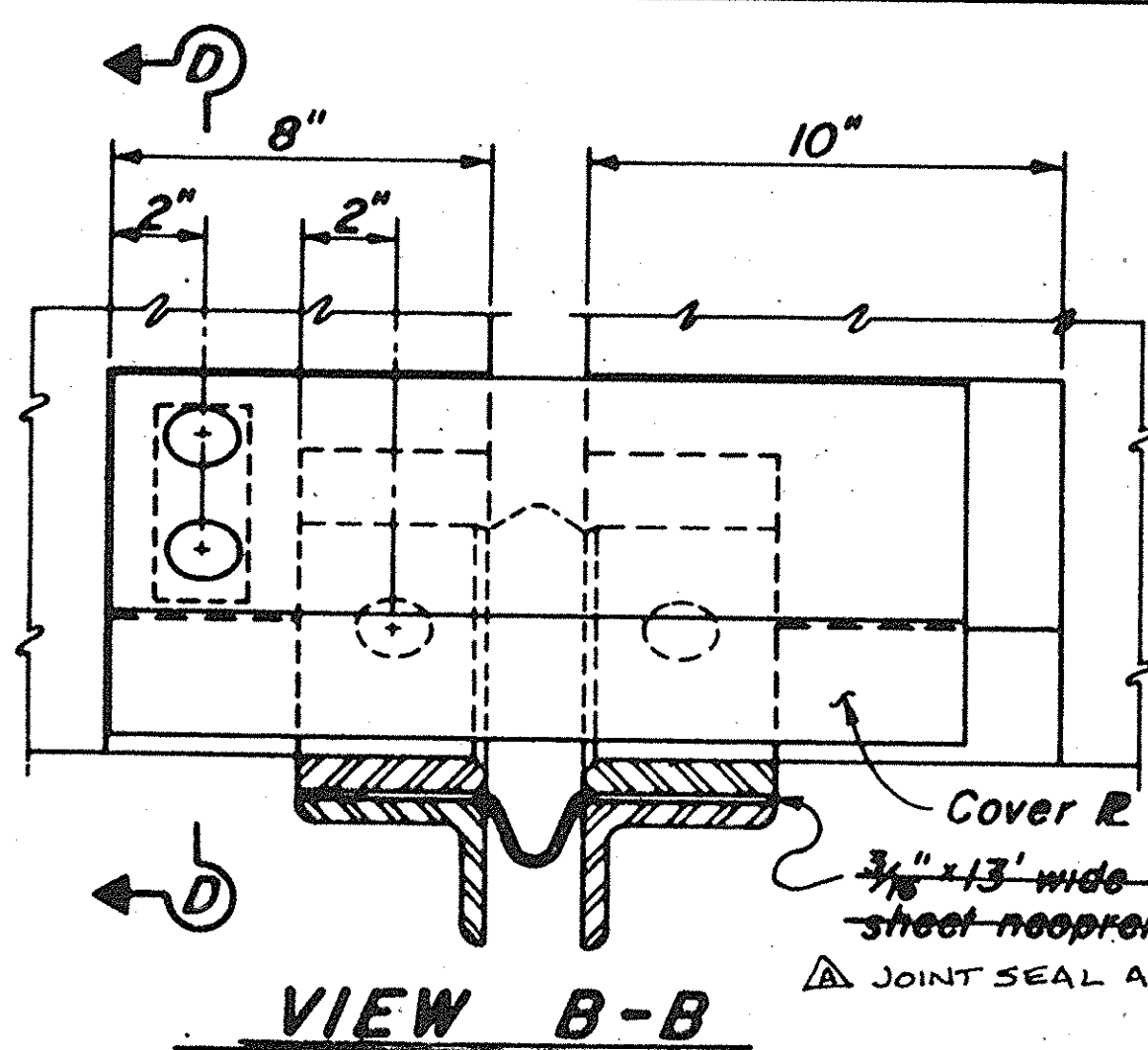


HIGH SIDE BARRIER DETAIL

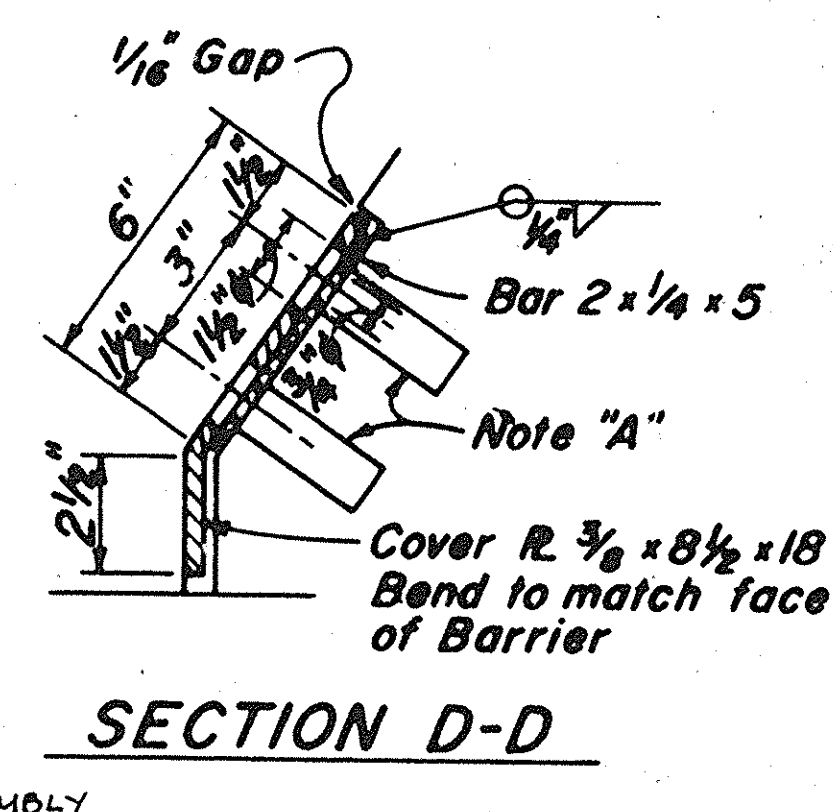
LOW SIDE BARRIER DETAIL
(See Note "B")



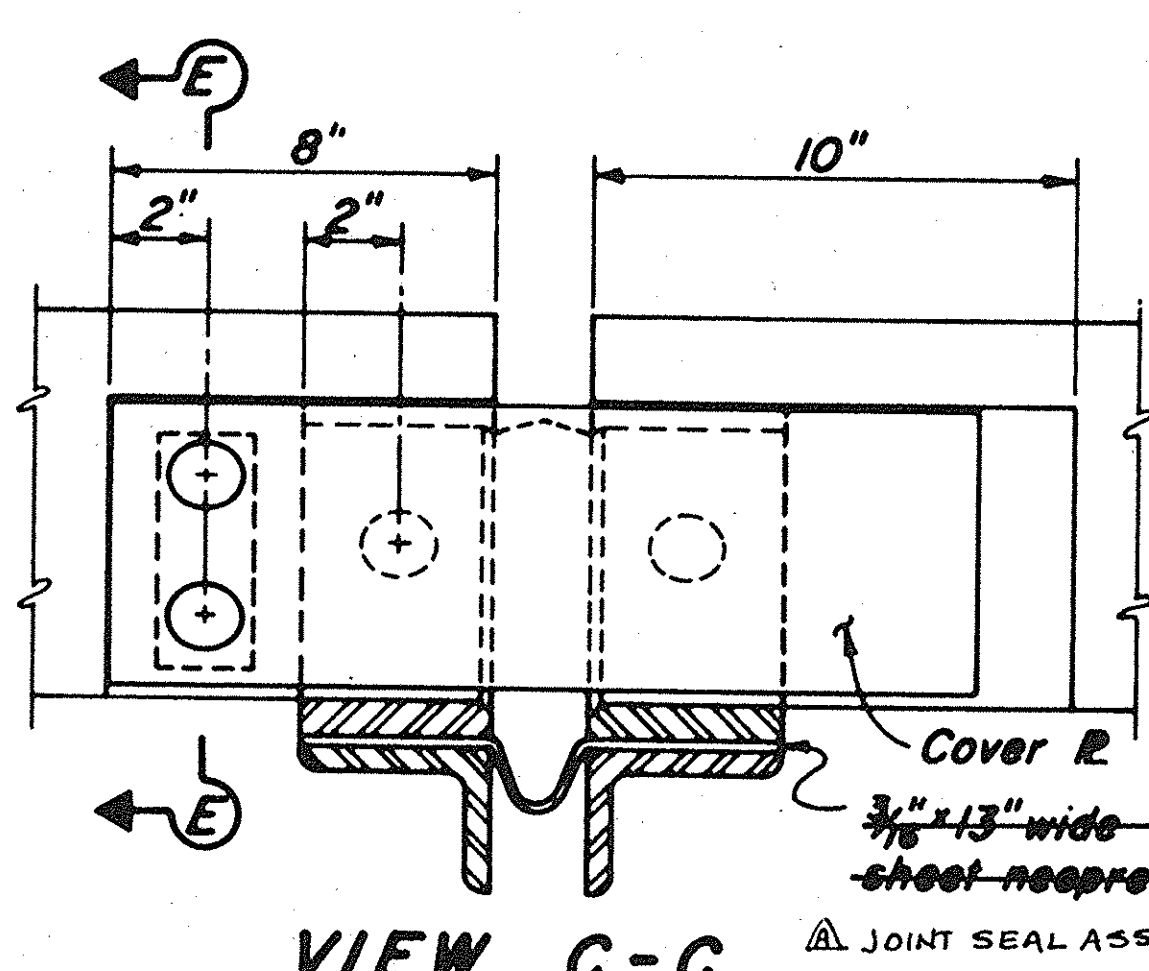
SIDEWALK DETAIL
(See Note "B")



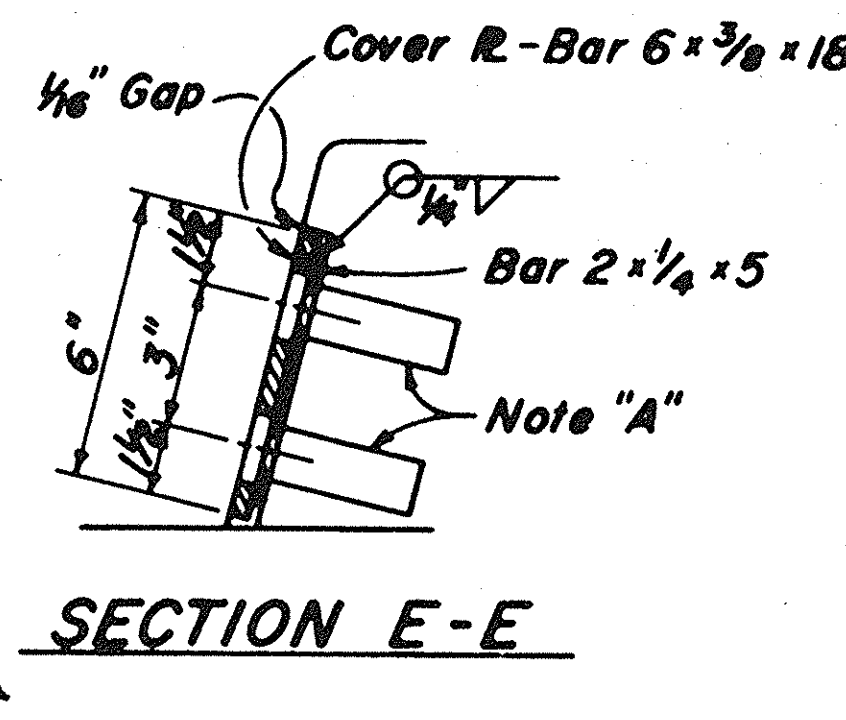
VIEW B-B



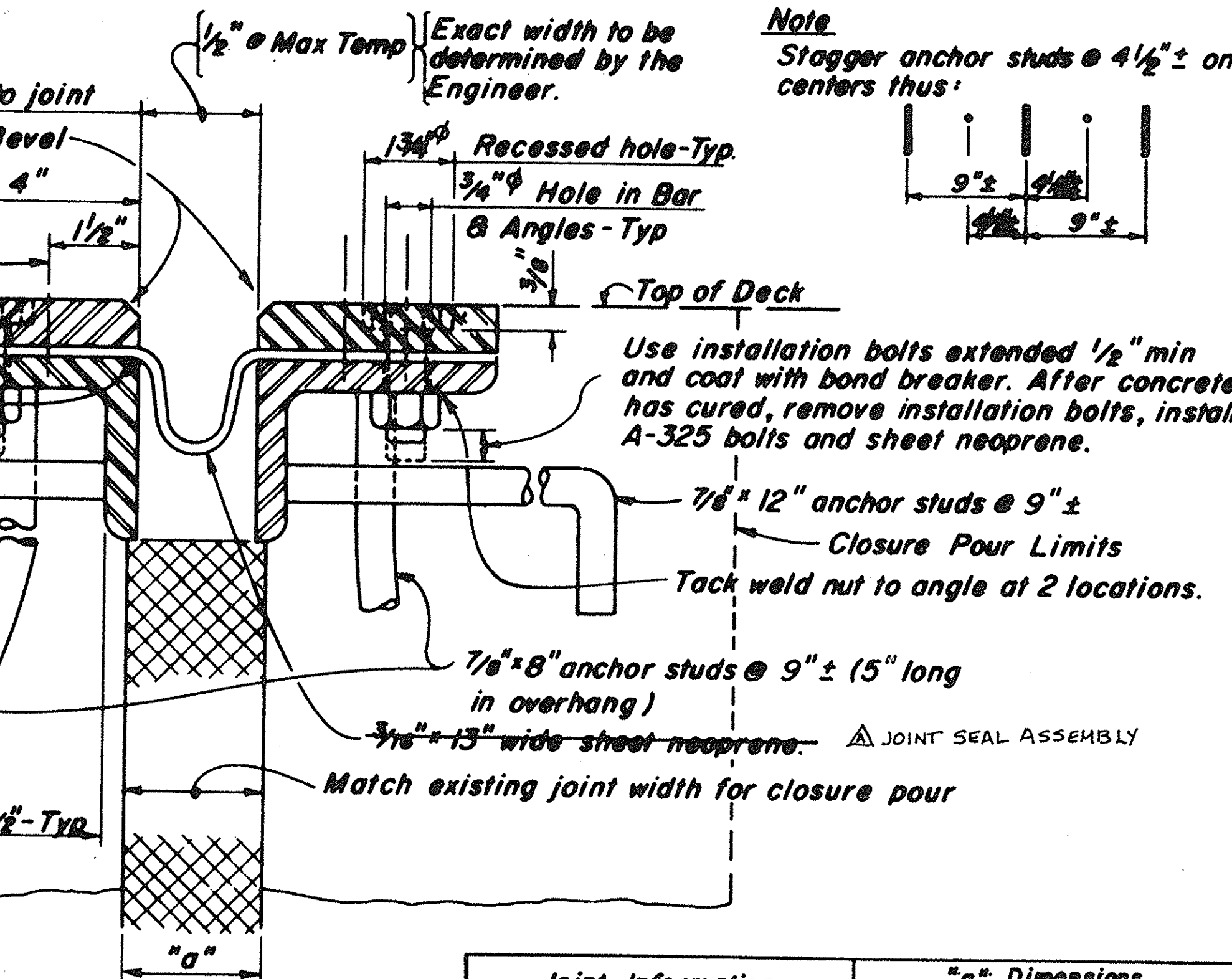
SECTION D-D



VIEW C-C



SECTION E-E



SECTION A-A

Location	Skew	Joint Temp (°F)	"a" Dimensions Structure Temp. (°F)		
			35 - 60	60 - 85	85 - 110
Abut. 1	3"	22° 02' 01"	1 1/4"	1"	1/2"

Notes:

Full penetration butt welds may be substituted for the fillet welds on all anchor studs.

Alternate types of anchor studs may be permitted subject to the approval by the Engineer.

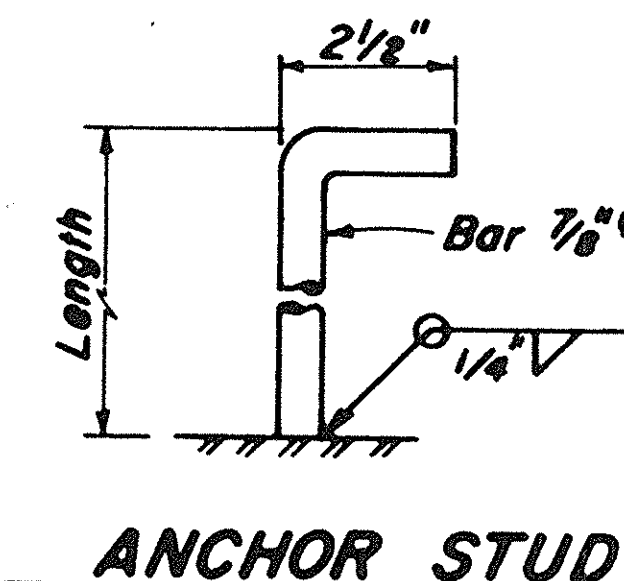
Joint seal assembly to be used in conjunction with closure pour. (See other sheets for limits). Closure pour shall not be placed until final deck surface is within the tolerance specified.

Joint seal assembly to be fabricated in 14' max lengths. Use joint at crown of roadway, at any change in transverse slope in deck, and at changes in horizontal direction. Place other joints at or near lane lines. All metal parts to be galvanized after fabrication.

Sheet neoprene shall be fabricated in one continuous piece or joints shall be vulcanized. Neoprene shall be fabricated to bend around corners. 1" 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 1 3/4" A-325 bolt.

Note "B"
Use the Sidewalk Detail at all sidewalk joints. Use the Barrier Detail at both sides if the roadway is crowned or if the difference in elevation between the ends of the seal is 0.5" or less.



ANCHOR STUD



McDANIEL ENGINEERING COMPANY, INC.
3000 OLD TOWN AVE., SUITE 207B, SAN DIEGO, CA 92110 (619) 592-1000

DESIGNED BY WMA
DRAWN BY OMC
CHECKED BY CCC
FIELD BOOK

APPROVED BY [Signature]
R.C.E. C 34299
EXPIRES 9-30-91
DATE 6-28-89

**SANTA MARGARITA PARKWAY BRIDGE
OVER ARROYO TRABUCO - WIDENING**

JOINT SEAL ASSEMBLY DETAILS - 2
(M.R. NOT EXCEEDING 4")

SHEET 39
OF 57
SHEETS

DR. 14.15.2000