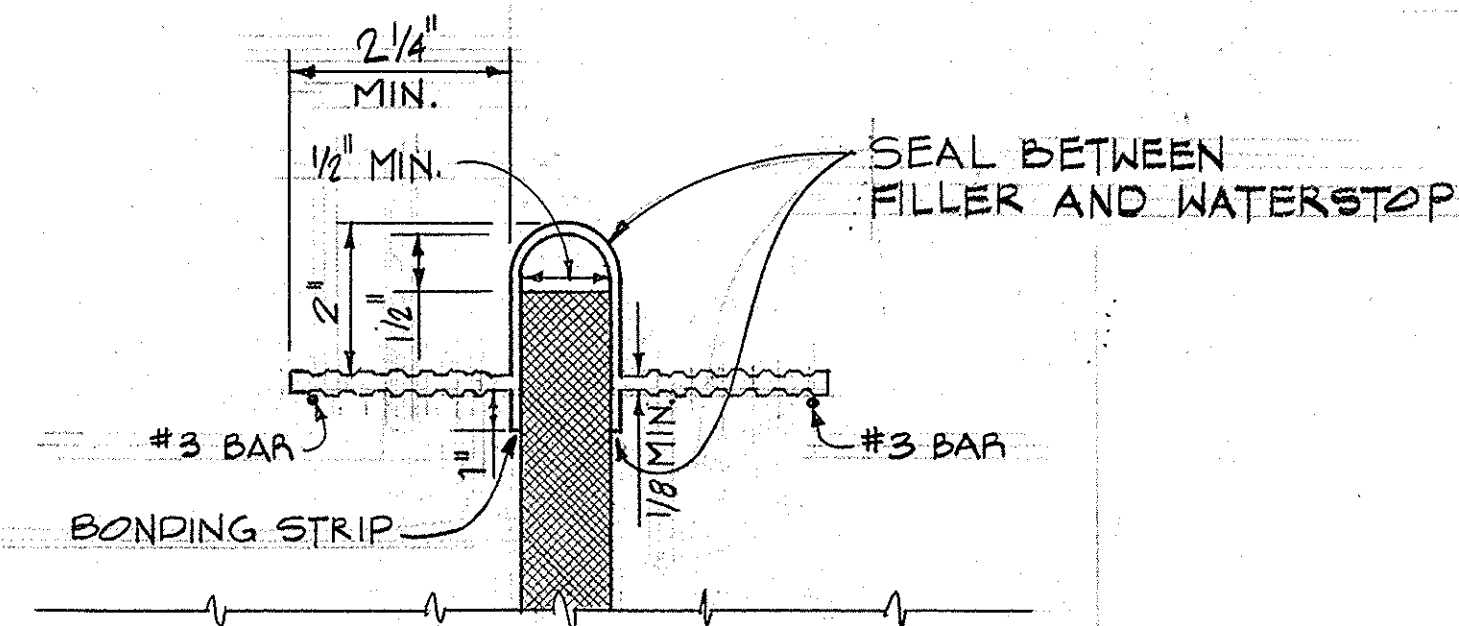
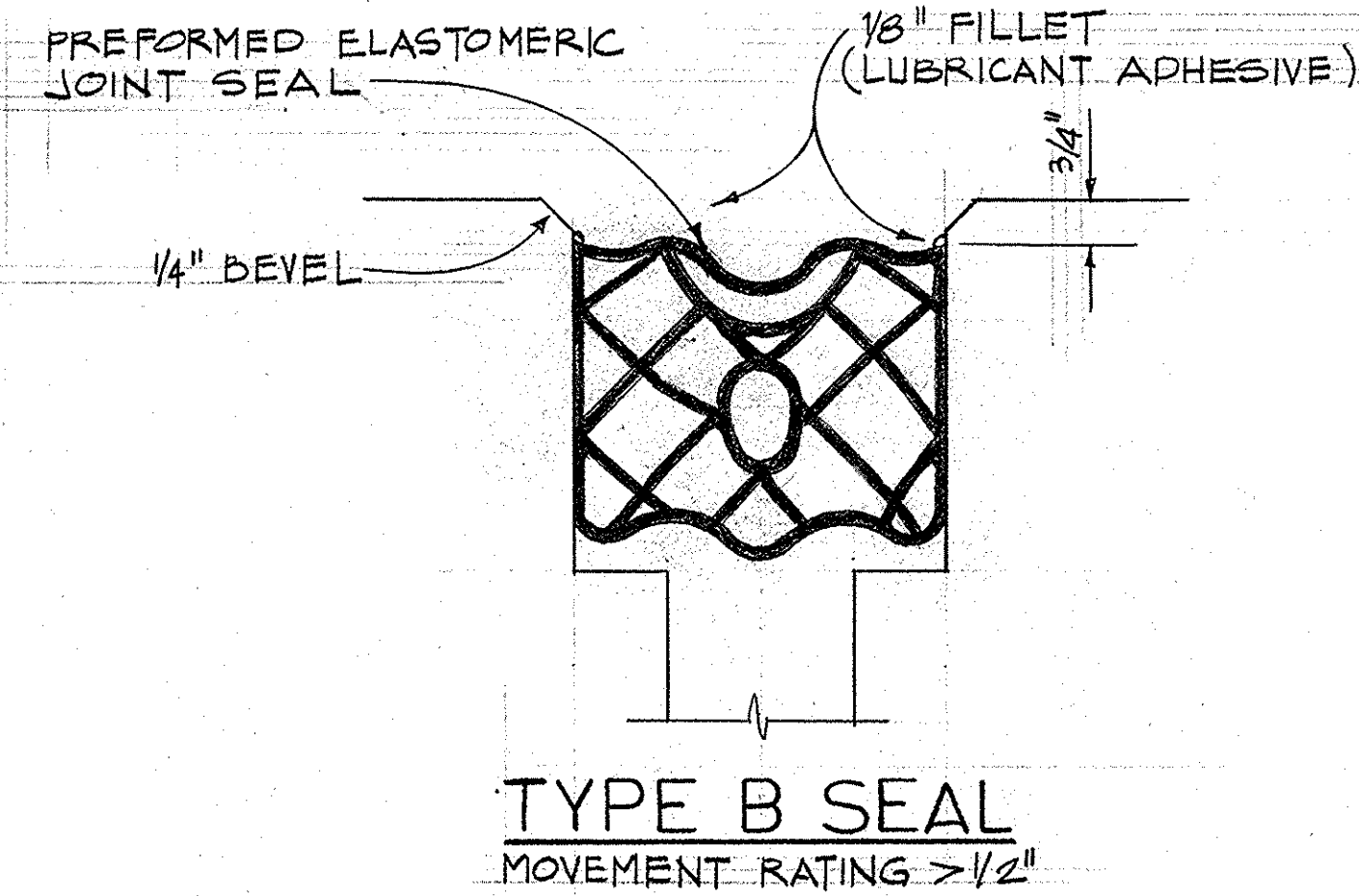




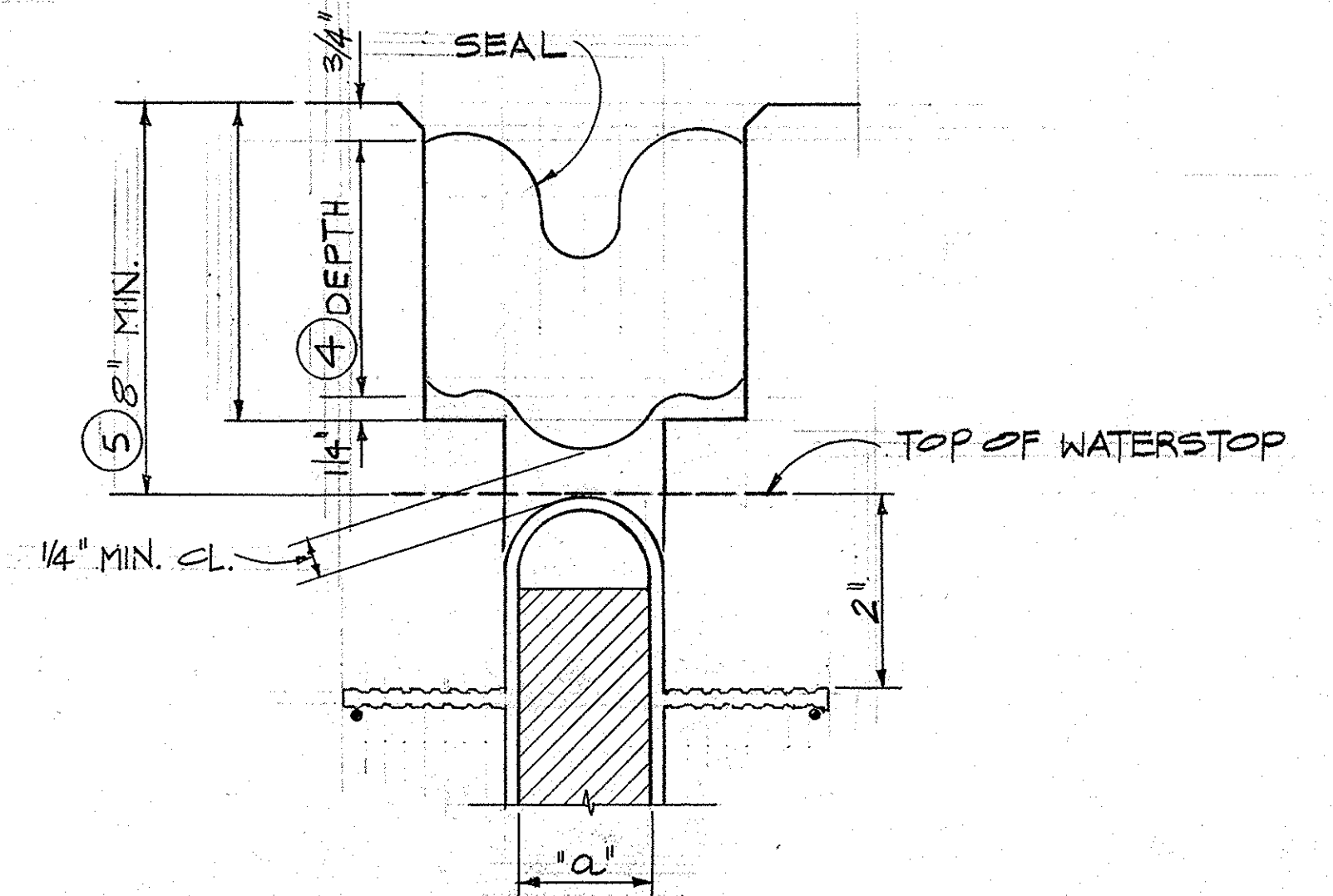
WATERSTOP TO HAVE 5 OR MORE PAIRS OF RAISED RIBS TO PROVIDE 0.1 SQ. IN. MIN. RIB CROSS-SECTION AREA ON EACH HALF OF THE WATERSTOP.

HOLES WILL BE PERMITTED IN THE OUTER 1/2" OF THE WEB FOR WIRE, RINGS, ETC.. TIE WEB TO #3 REINFORCING BARS @ 12" MAX. INTERVALS TO SUPPORT THE WATERSTOP IN PROPER POSITION DURING CONCRETE PLACEMENT. ALTERNATIVE DETAIL MAY BE SUBMITTED FOR APPROVAL OF THE ENGINEER.

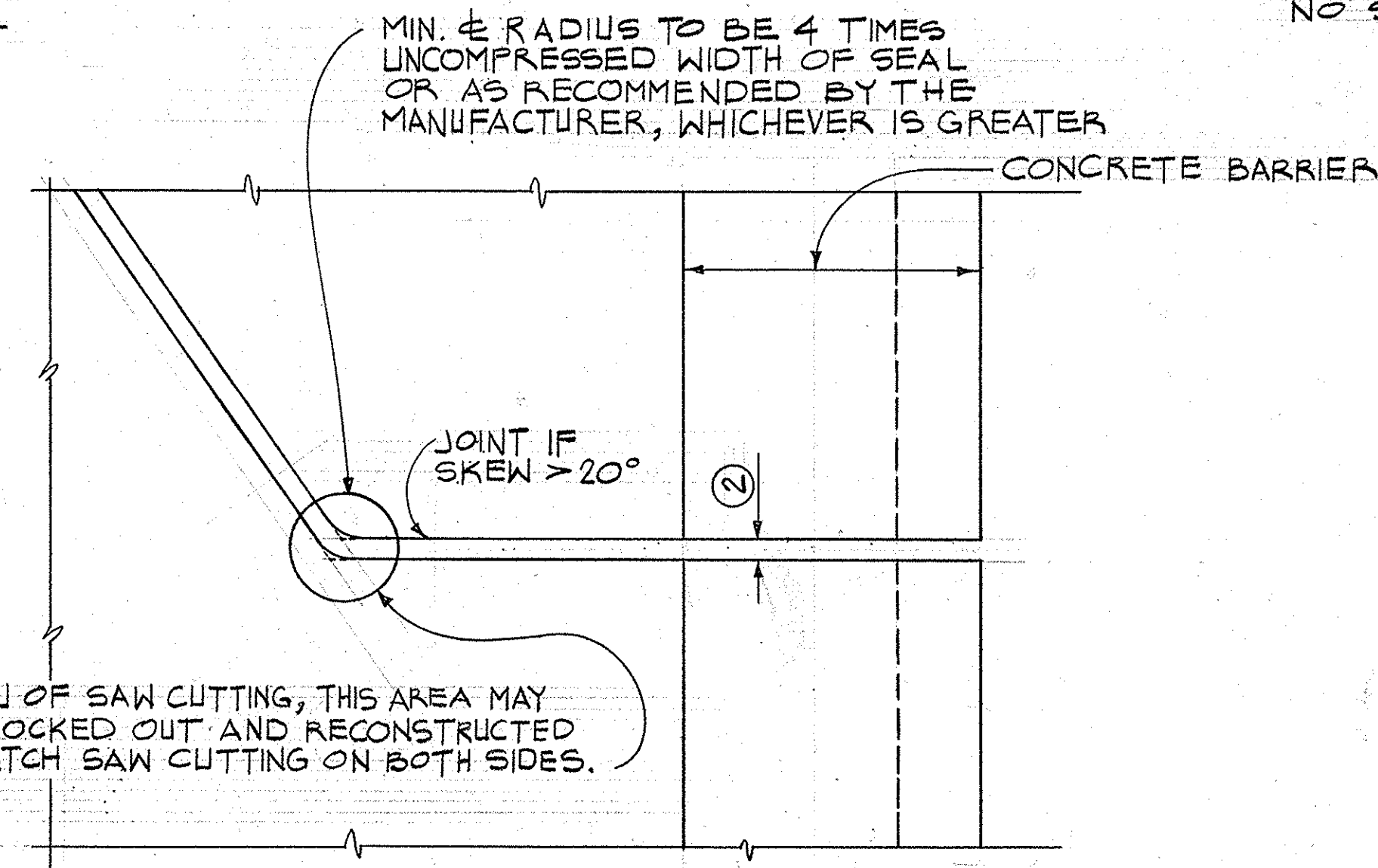
WATERSTOP
NO SCALE



TYPE B SEAL
MOVEMENT RATING > 1/2"

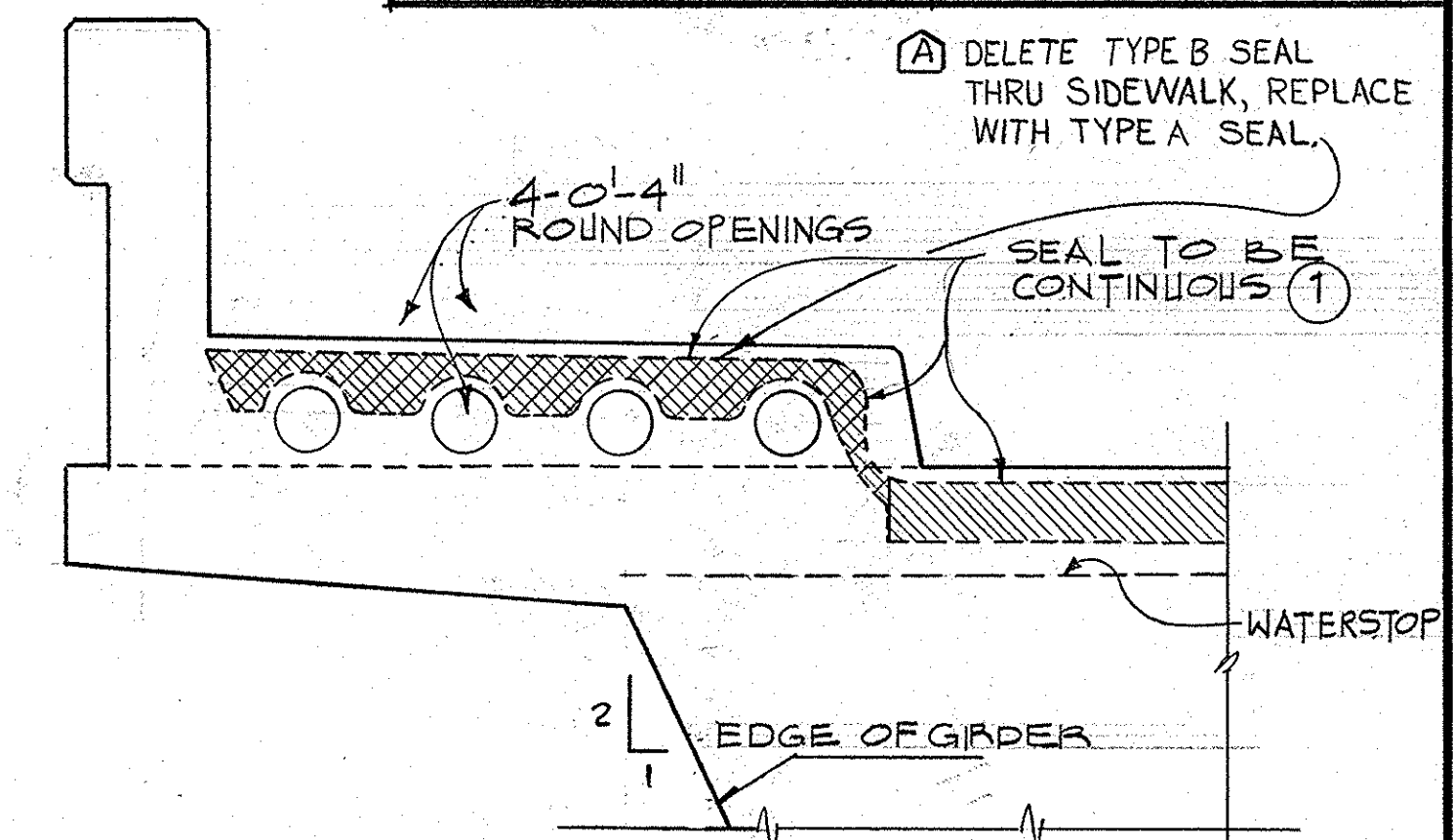


TYPE B JOINT SEAL
IN MINIMUM WIDTH POSITION (W2)
NO SCALE



PLAN OF ANGLE JOINT
NO SCALE

MOVEMENT RATING (M.R.)	"a" DIMENSION		
	DECK CONCRETE PLACED		
	WINTER	FALL SPRING	SUMMER
2"	1 1/2"	1 1/4"	3/4"



CONCRETE BARRIER & SIDEWALK

JOINT SEAL DETAIL
3/4" = 1'-0"

NOTES:

- MAKE SMOOTH CUTS FROM THE BOTTOM OF SEAL TO 1/2" CLEAR OF TOP LEAVING AT LEAST ONE COMPLETE CELL BETWEEN THE TOP OF THE SEAL. WHEN NECESSARY CUT BACK OF SEAL TO CLEAR CONDUIT AND ROUND OPENINGS.
- OPENING IN BARRIER TO MATCH WIDTH OF SAWN DECK JOINT.
- SAWCUT GROOVE WIDTHS SHALL BE AS ORDERED BY THE ENGINEER.
- DEPTH OF SAWCUT: DEPTH TO BE EQUAL TO OR GREATER THAN THE DEPTH OF SEAL MEASURED ALONG THE CONTACT SURFACE, WHEN COMPRESSED TO MINIMUM WIDTH POSITION (W2) PLUS DIMENSIONS SHOWN ABOVE.
- OTHER DEPTHS MUST BE APPROVED BY THE ENGINEER.

AS BUILT

DATE: 5-84

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

(A) AS BUILT 5-15-84

WHEELER & GRAY
CONSULTING ENGINEERS
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George W. Gray
S.E. 764

			ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
			WEIR CANYON ROAD BRIDGE (SA - 3) ACROSS SANTA ANA RIVER	
			JOINT SEAL ASSEMBLY	
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF	SHEET
			<i>June W. [Signature]</i>	8 of 8
REVISIONS			SCALE	DATE
DESIGNED	W. F. POND		AS SHOWN	
DRAWN	E. G.		CHECKED	
			DWG. NO.	B-17