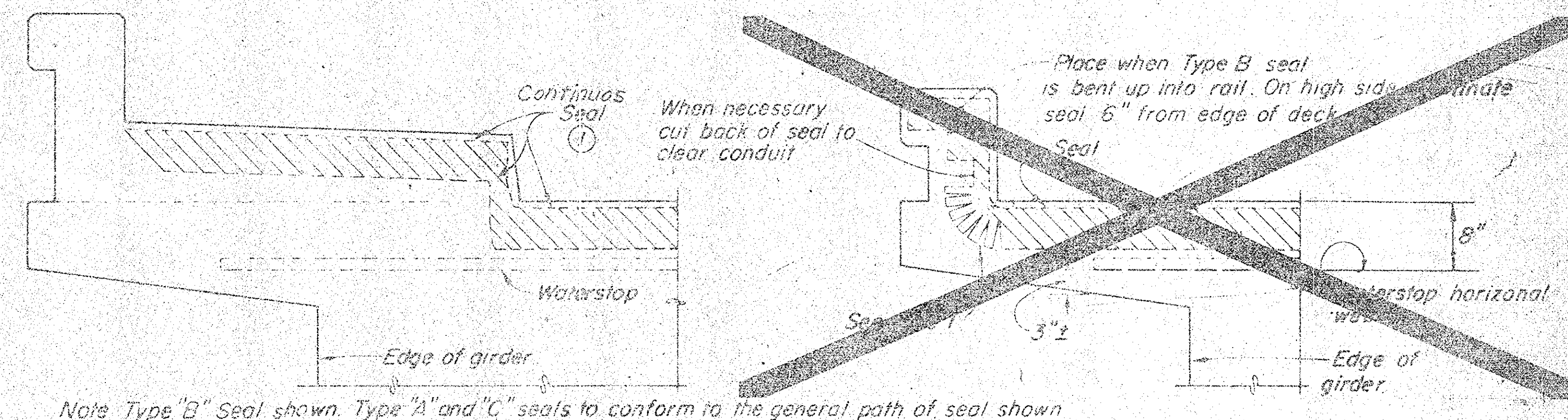
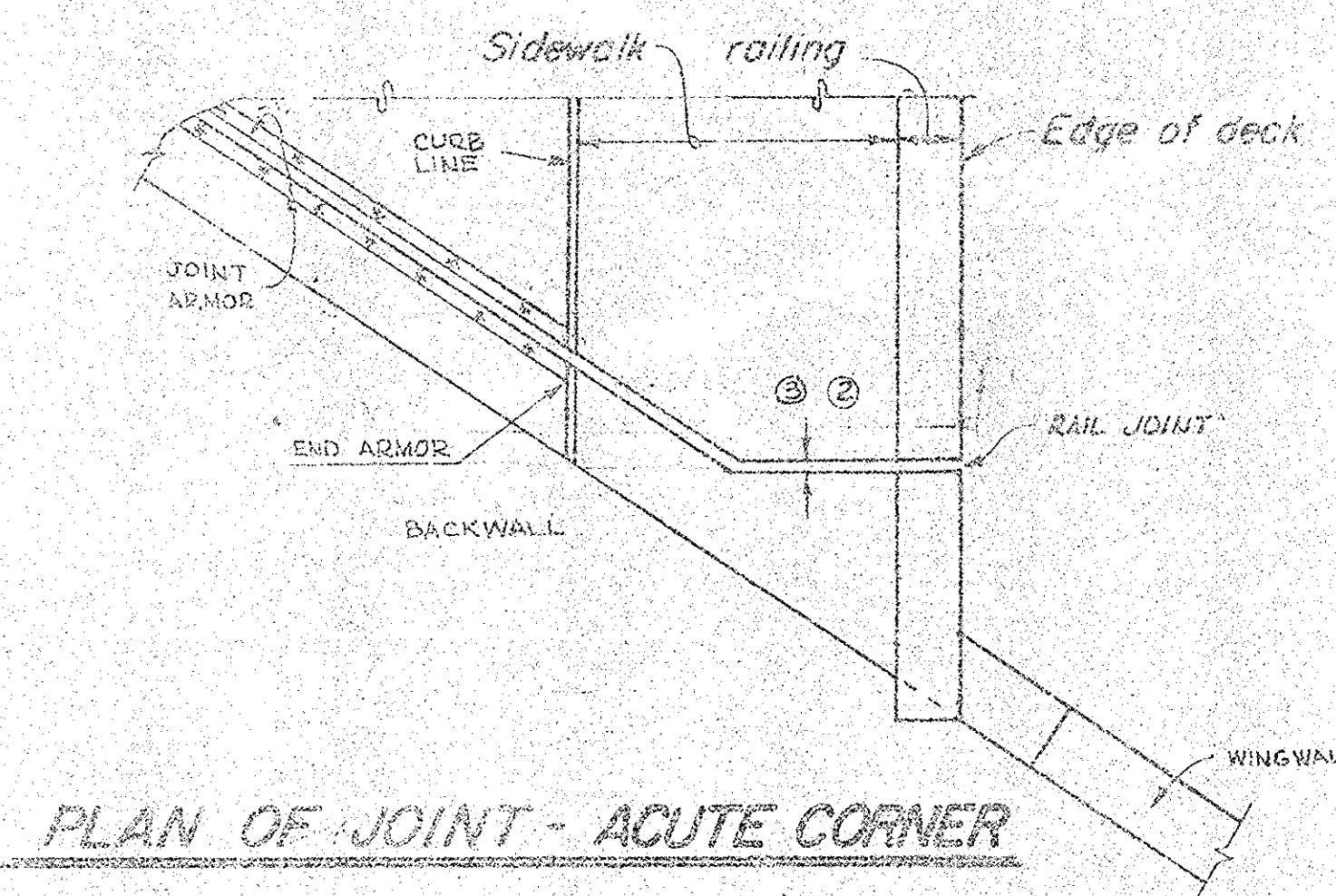
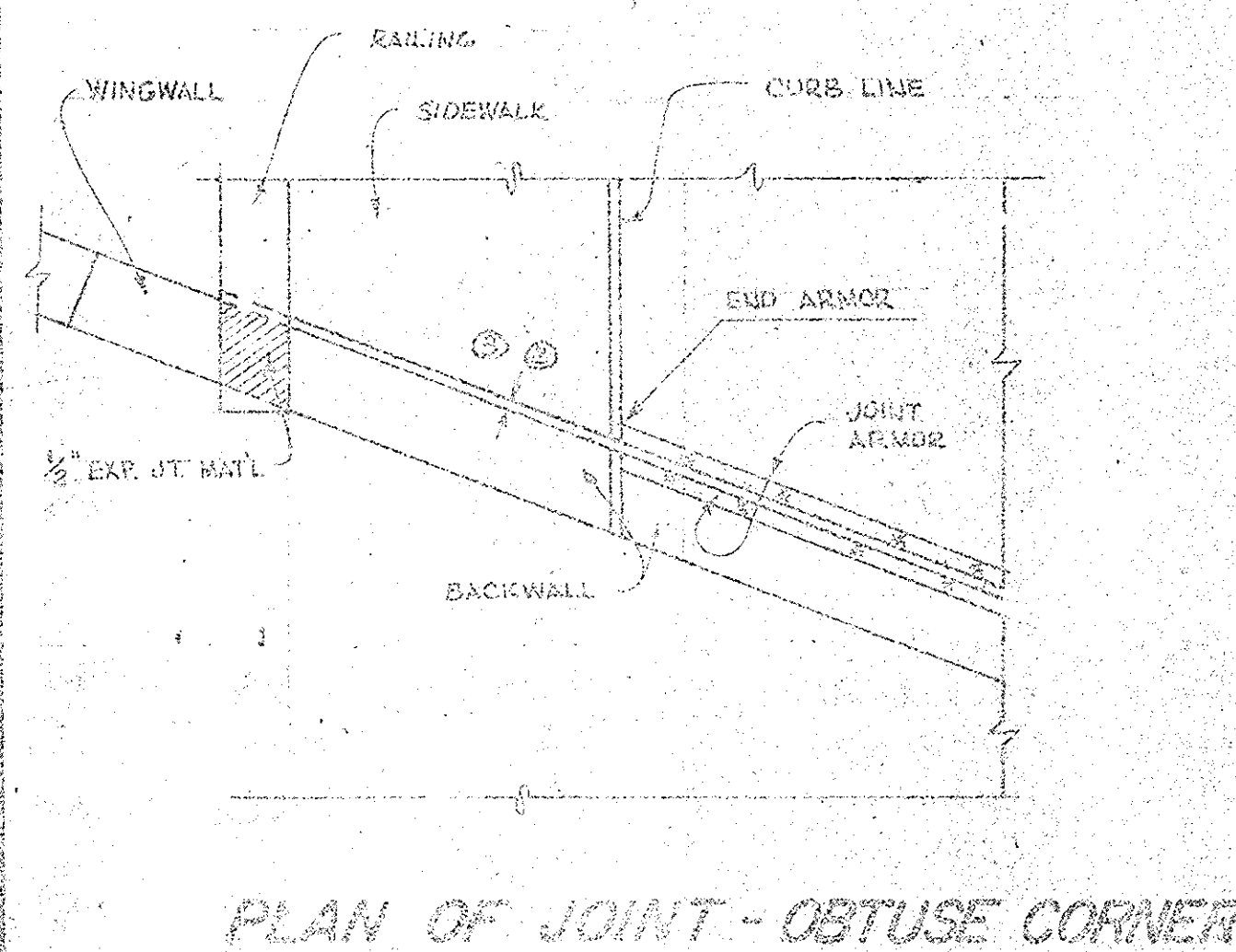
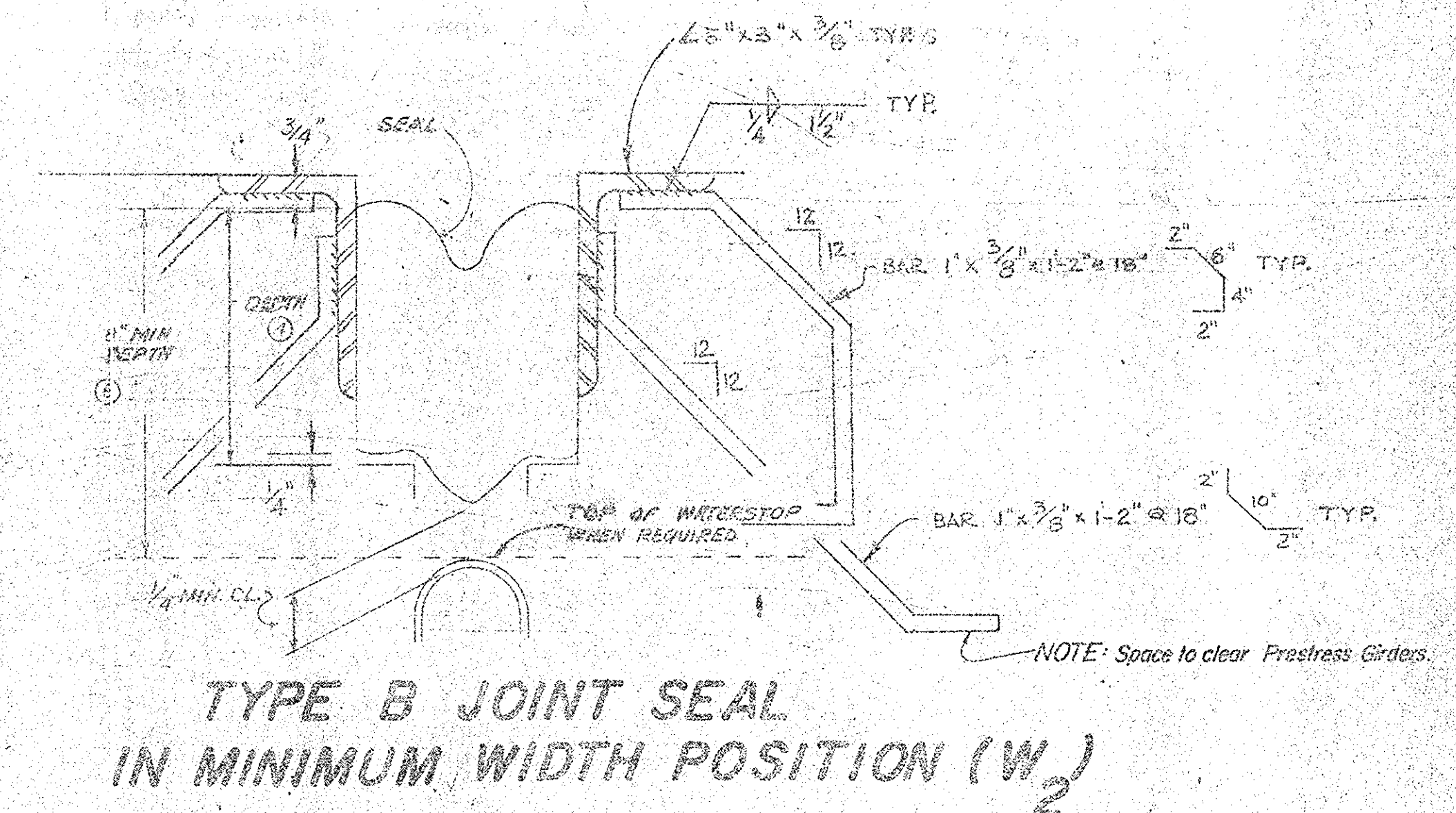
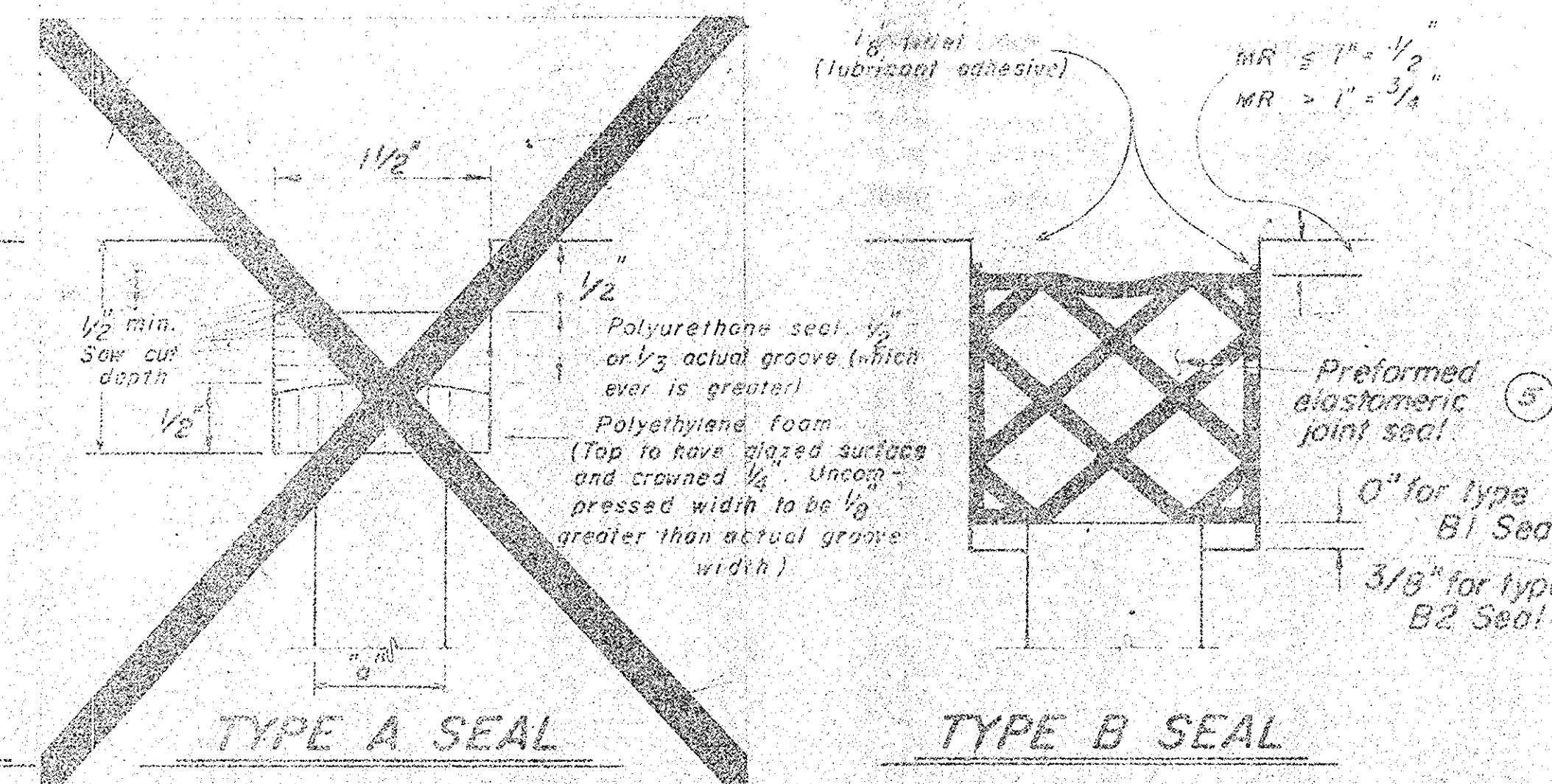
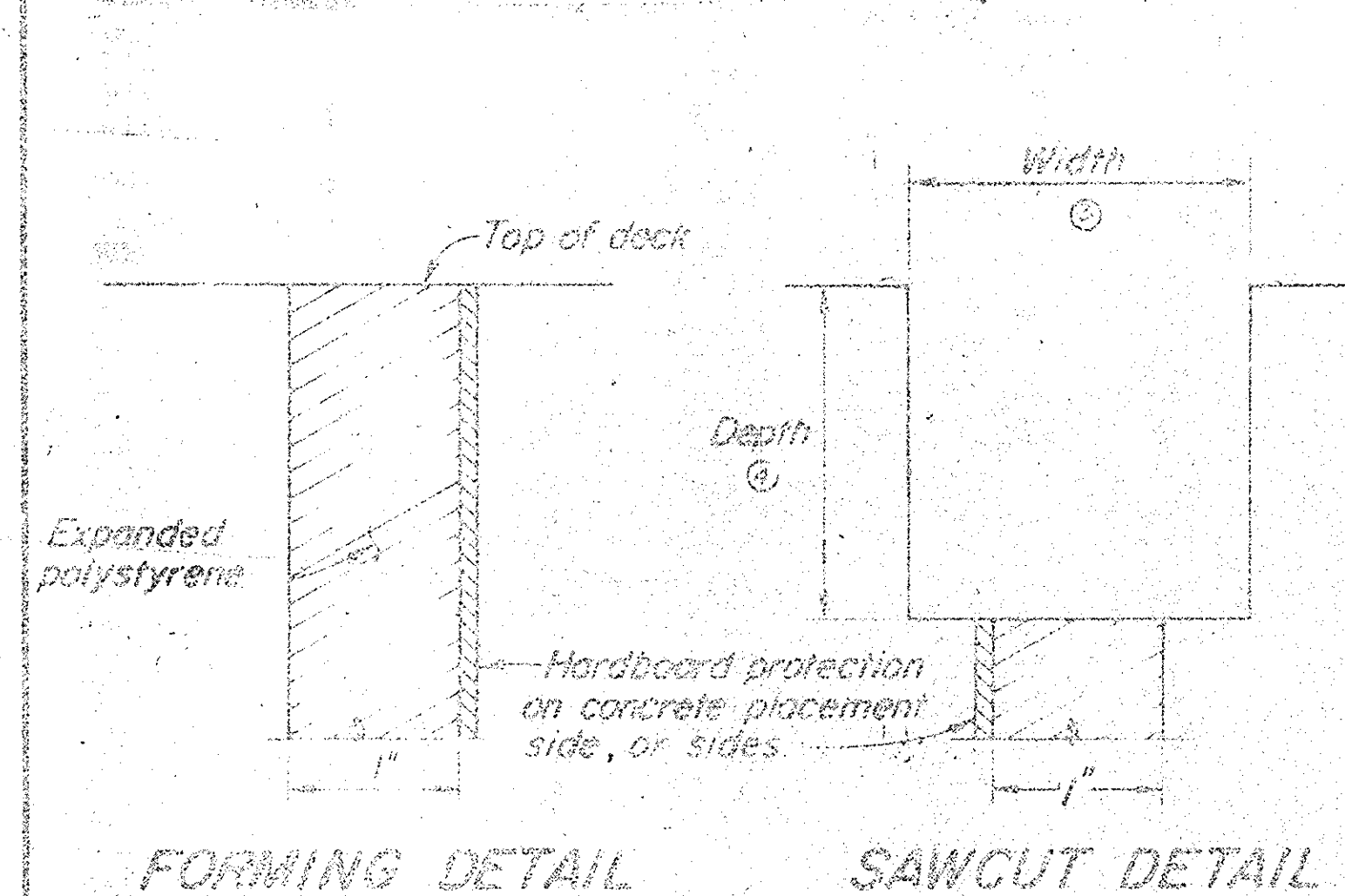
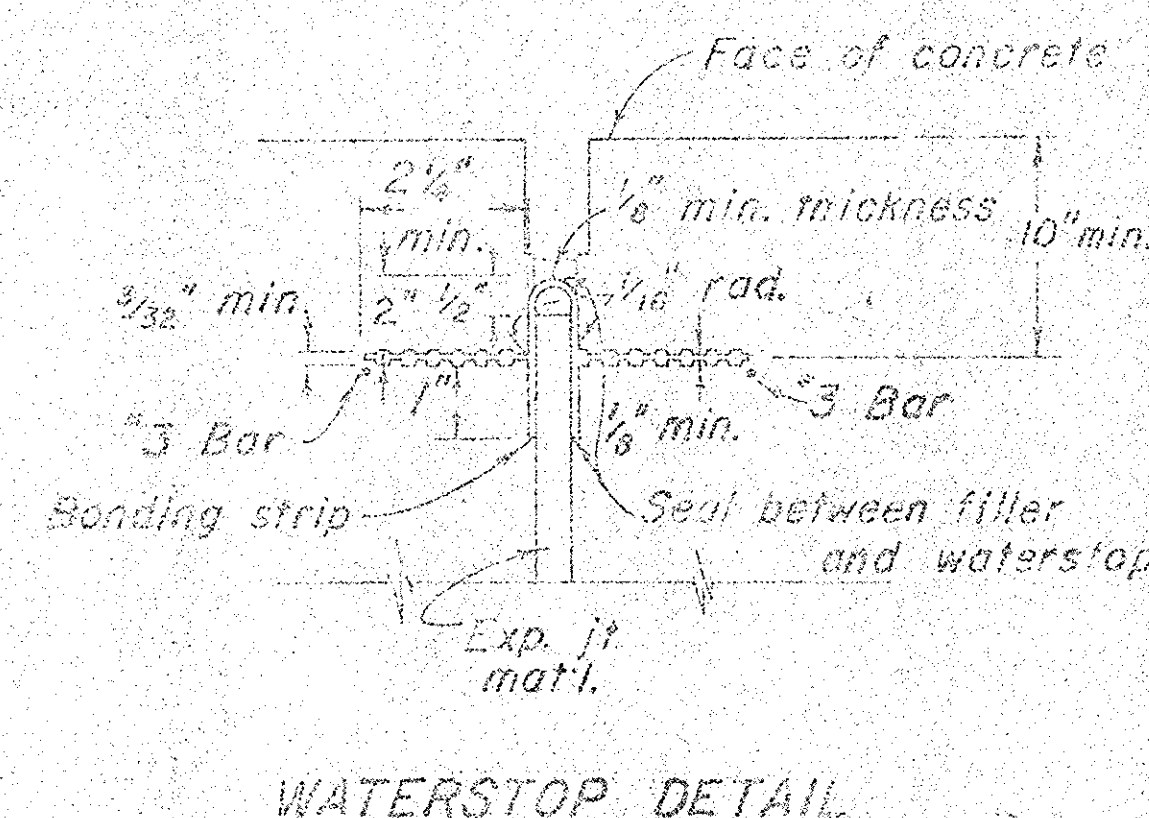




DIMENSIONS "a" OF JOINT REQUIRED

Movement Rating	Bridge Type	"a" Dimension		
		Deck	Concrete	Plastic
2"	All except CIP/PS	1/2"	3/4"	3/4"
	CIP/PS	1/2"	1"	1/2"
1 1/2"	All except CIP/PS	1/4"	1"	1/2"
	CIP/PS	1"	3/4"	1/2"
1"	All except CIP/PS	1"	3/4"	1/2"
	CIP/PS	3/4"	3/4"	1/2"
3/4"	All except CIP/PS	3/4"	3/4"	1/2"
	CIP/PS	1/2"	1/2"	1/2"



Note: waterstop to have five or more pairs of raised ribs to provide 0.1 sq. in. min rib cross-sectional on each half of the waterstop, height of ribs to be 3/32" min.
Holes will be permitted in outer 1/2 of the web for wire, web, etc. Tie web to #3 bar at 12" maximum to support the waterstop in proper position during concrete placement.

- NOTES:**
- Make smooth cuts from the bottom of seal to 1 1/2" clear of top leaving at least one complete cell between the top of the cut and top of the seal. When necessary cut back of seal to clear conduit.
 - Opening in rail and sidewalk to be constructed to the existing width of deck joint.
 - Sawcut groove widths shall be as ordered by the Engineer.
 - Depth of sawcut: Type A - Depth to be shown above.
Type B - 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.
 - MR (movement rating) = 1 1/2".
 - Other depths must be approved by Engineer.

ORANGE COUNTY ROAD DEPARTMENT

SEVENTEENTH STREET BRIDGE
SA-20
ACROSS SANTA ANA RIVER
JOINT SEAL DETAILS

NO SCALE

SHEET 15 OF 20

DR.17 (12215)