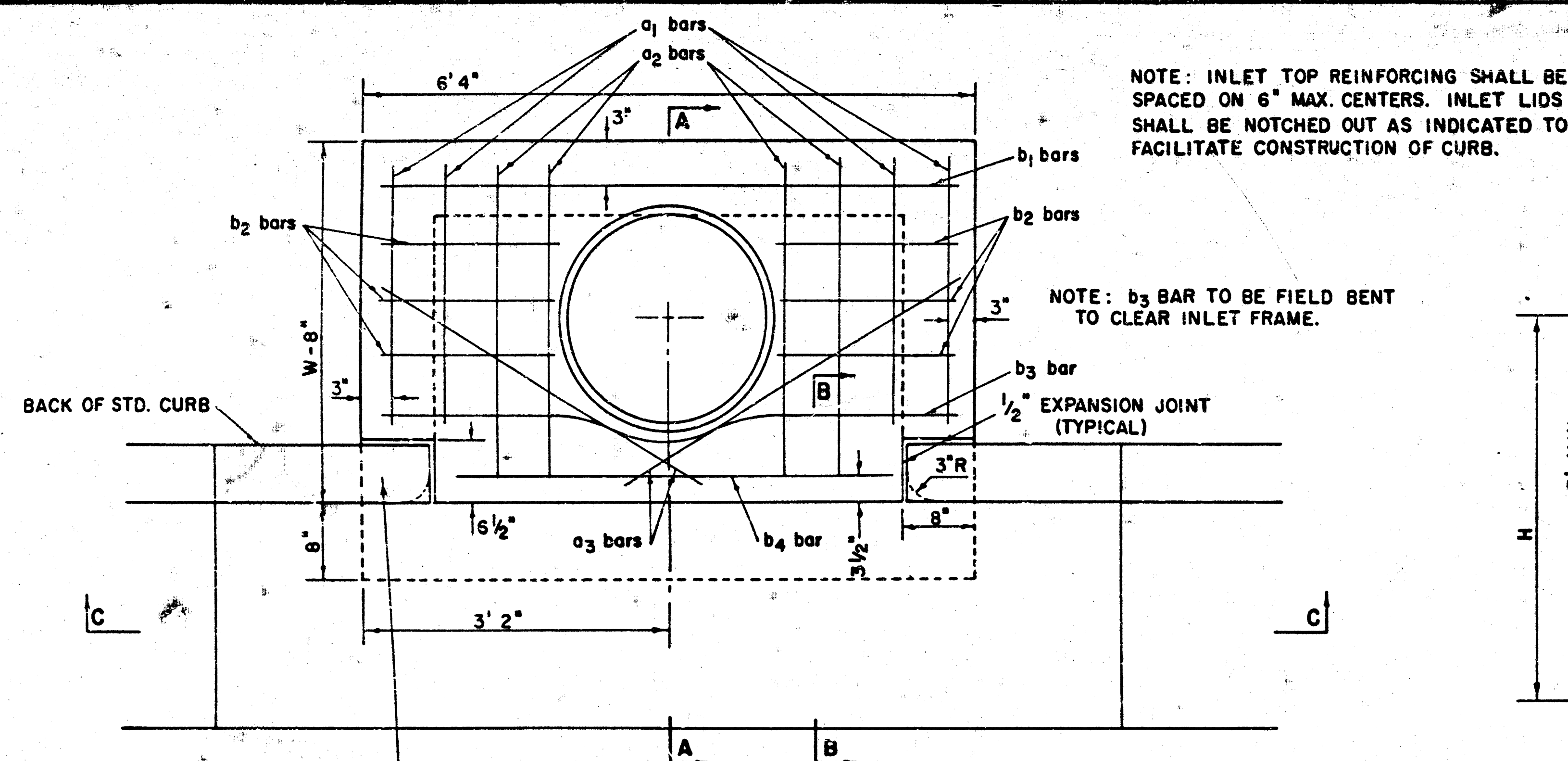




WARP CURB TO MATCH INLET TOP WITH 1' MIN. TRANSITION LENGTH

PLAN

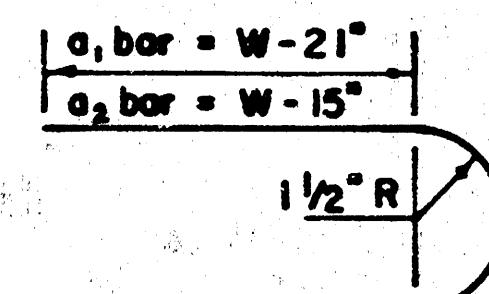
NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.

STEEL SCHEDULE

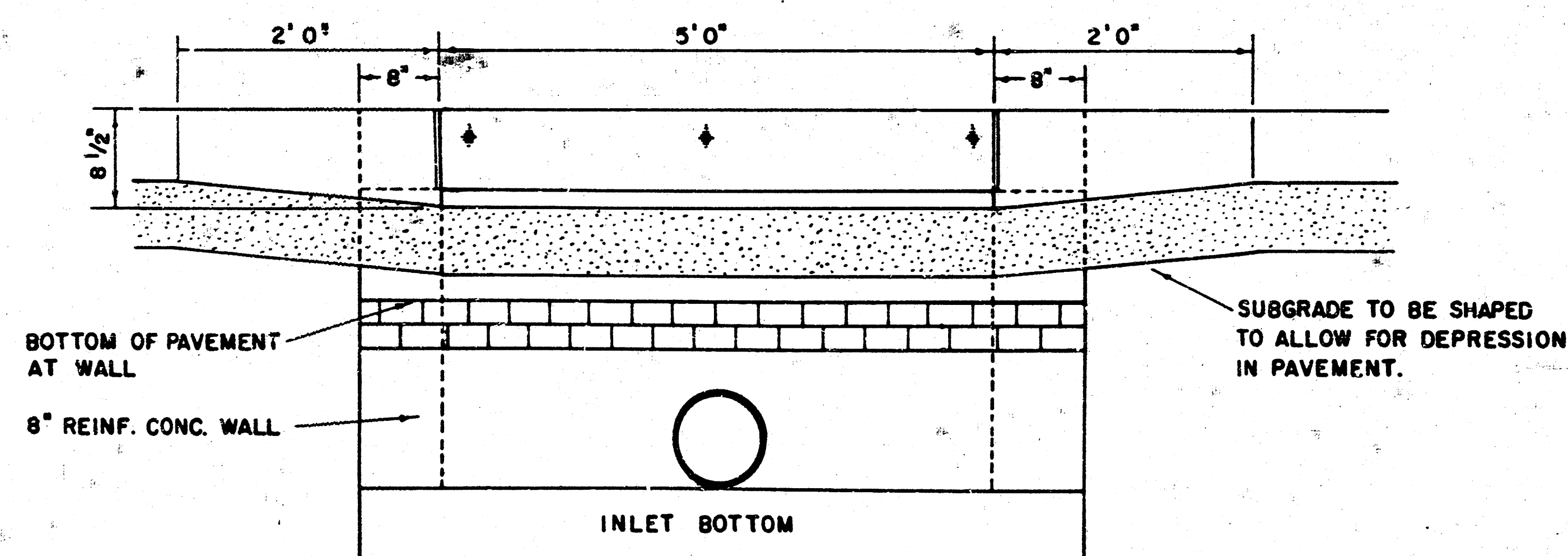
BAR	a ₁	a ₂	a ₃	b ₁	b ₂	b ₃	b ₄	WT. LBS.
NUMBER	4	4	2	1	3	5	7	9
SIZE	*4	*4	*4	*4	*4	*4	*4	*6
W = 4'4"	5'7"	6'7"	4'0"	6'1"	-	-	-	1'9"
W = 5'4"	7'7"	8'7"	5'0"	-	6'1"	-	-	1'9"
W = 6'4"	9'7"	10'7"	6'0"	-	-	6'1"	-	1'9"
W = 7'4"	11'7"	12'7"	7'0"	-	-	-	6'1"	1'9"
W = 8'4"	13'7"	14'7"	8'0"	-	-	-	-	6'1"
LENGTH	4	4	2	1	3	5	7	9
W = 4'4"	5'7"	6'7"	4'0"	6'1"	-	-	-	1'9"
W = 5'4"	7'7"	8'7"	5'0"	-	6'1"	-	-	1'9"
W = 6'4"	9'7"	10'7"	6'0"	-	-	6'1"	-	1'9"
W = 7'4"	11'7"	12'7"	7'0"	-	-	-	6'1"	1'9"
W = 8'4"	13'7"	14'7"	8'0"	-	-	-	-	6'1"
WT. LBS.	60	81	101	121	141			

NOTE: a₃ BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER.

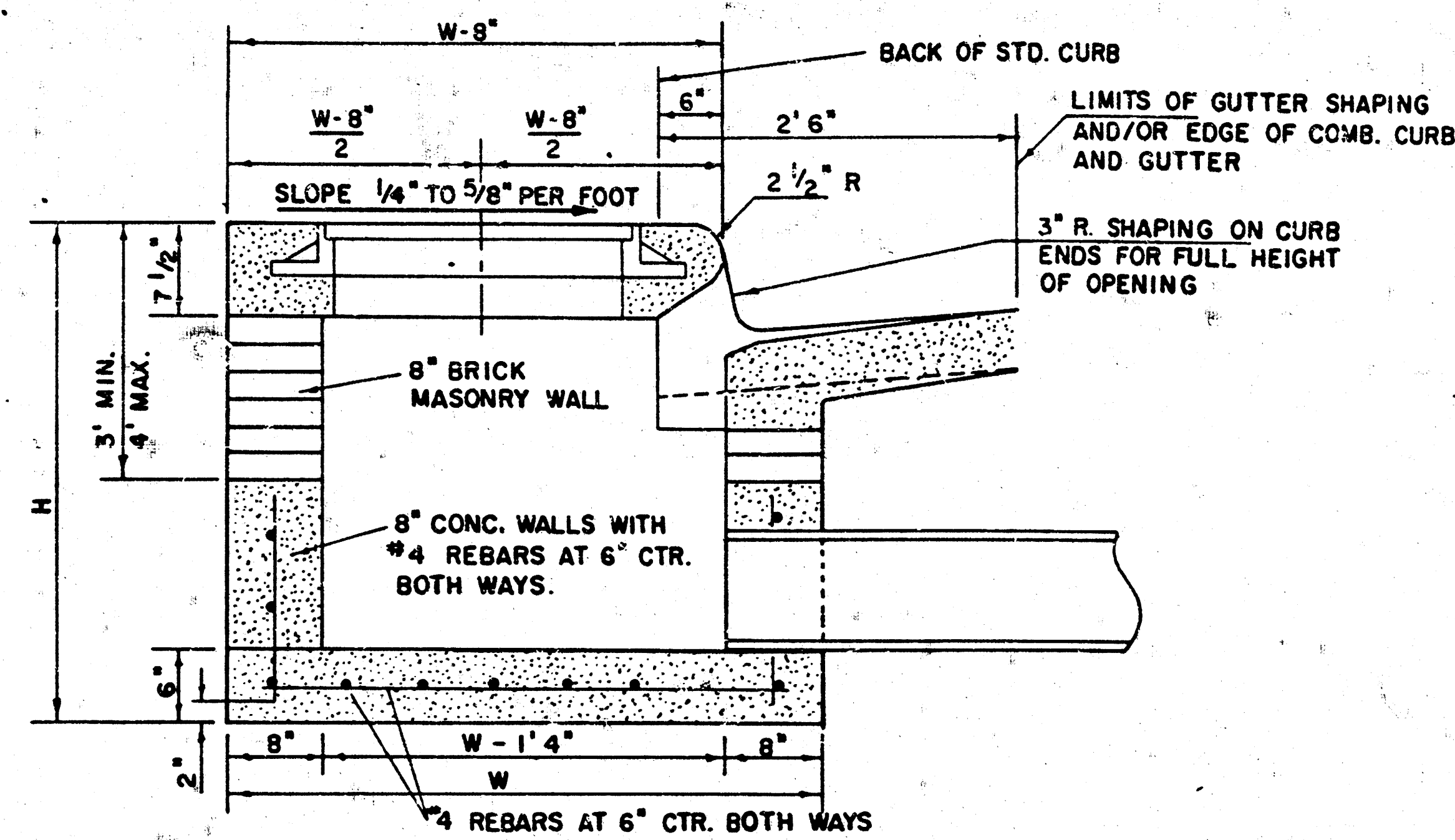
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'4"	3'6" 6'4" 7 1/2"	21" & SMALLER	0.38 ±
5'4"	4'6" 6'4" 7 1/2"	24" & 30"	0.51 ±
6'4"	5'6" 6'4" 7 1/2"	36" & 42"	0.64 ±
7'4"	6'6" 6'4" 7 1/2"	48" & 54"	0.77 ±
8'4"	7'6" 6'4" 7 1/2"	60" & 66"	0.90 ±



BENDING DIAGRAM



SECTION C-C

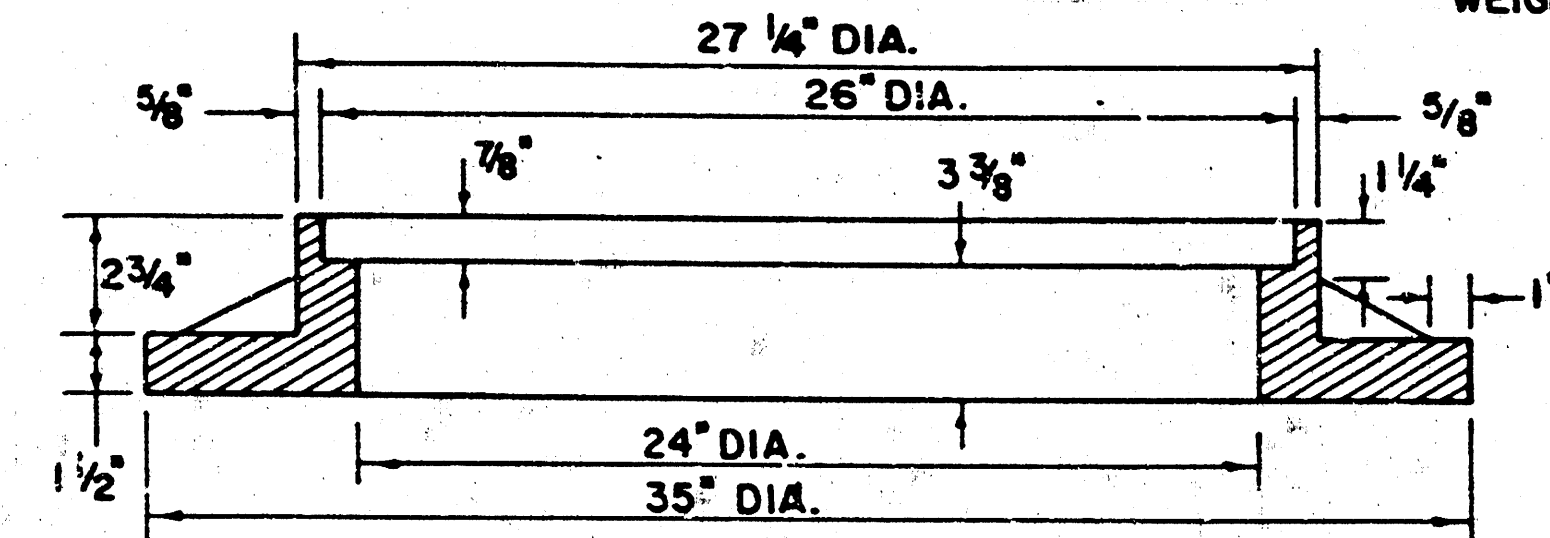
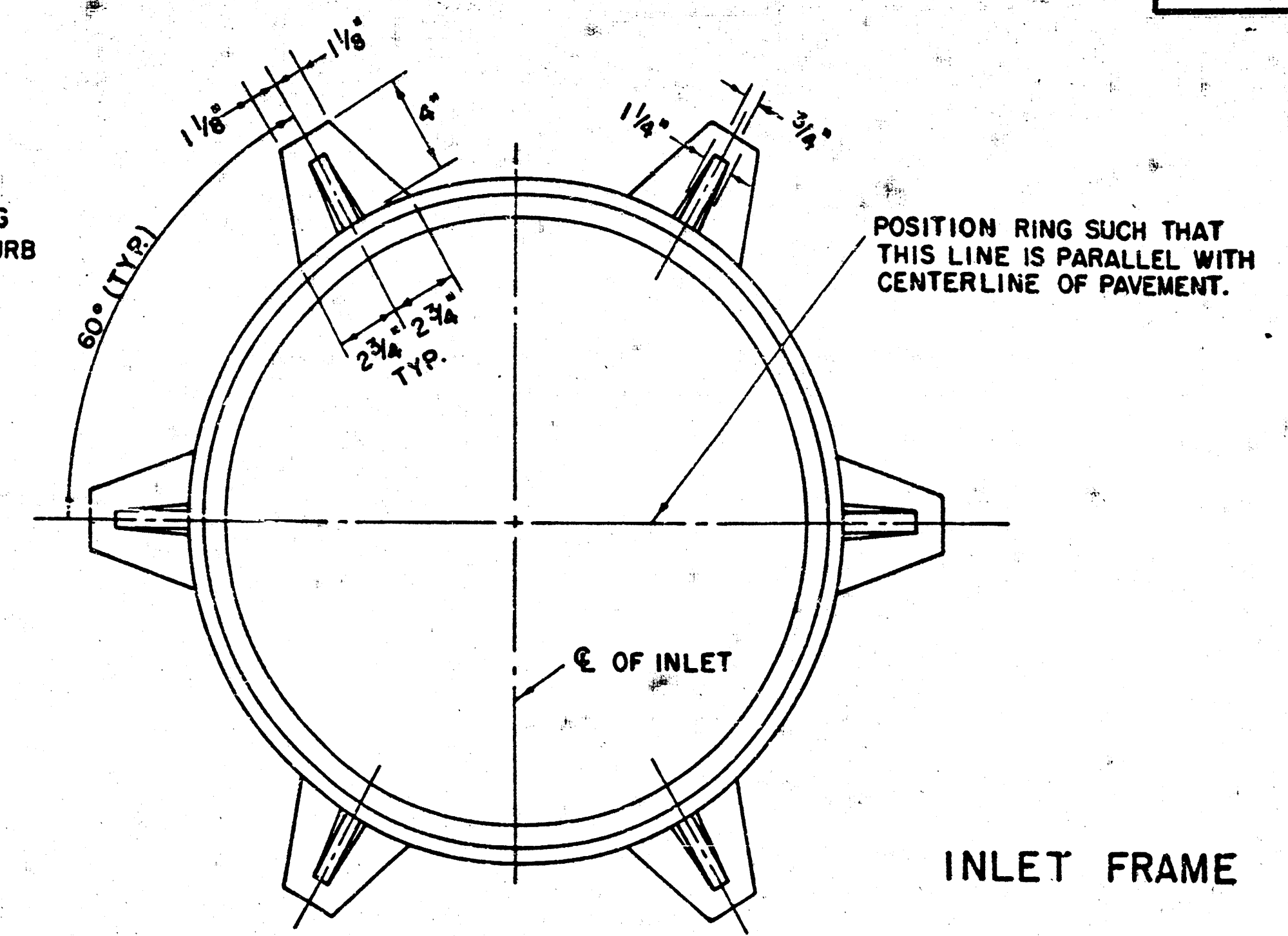


SECTION A-A

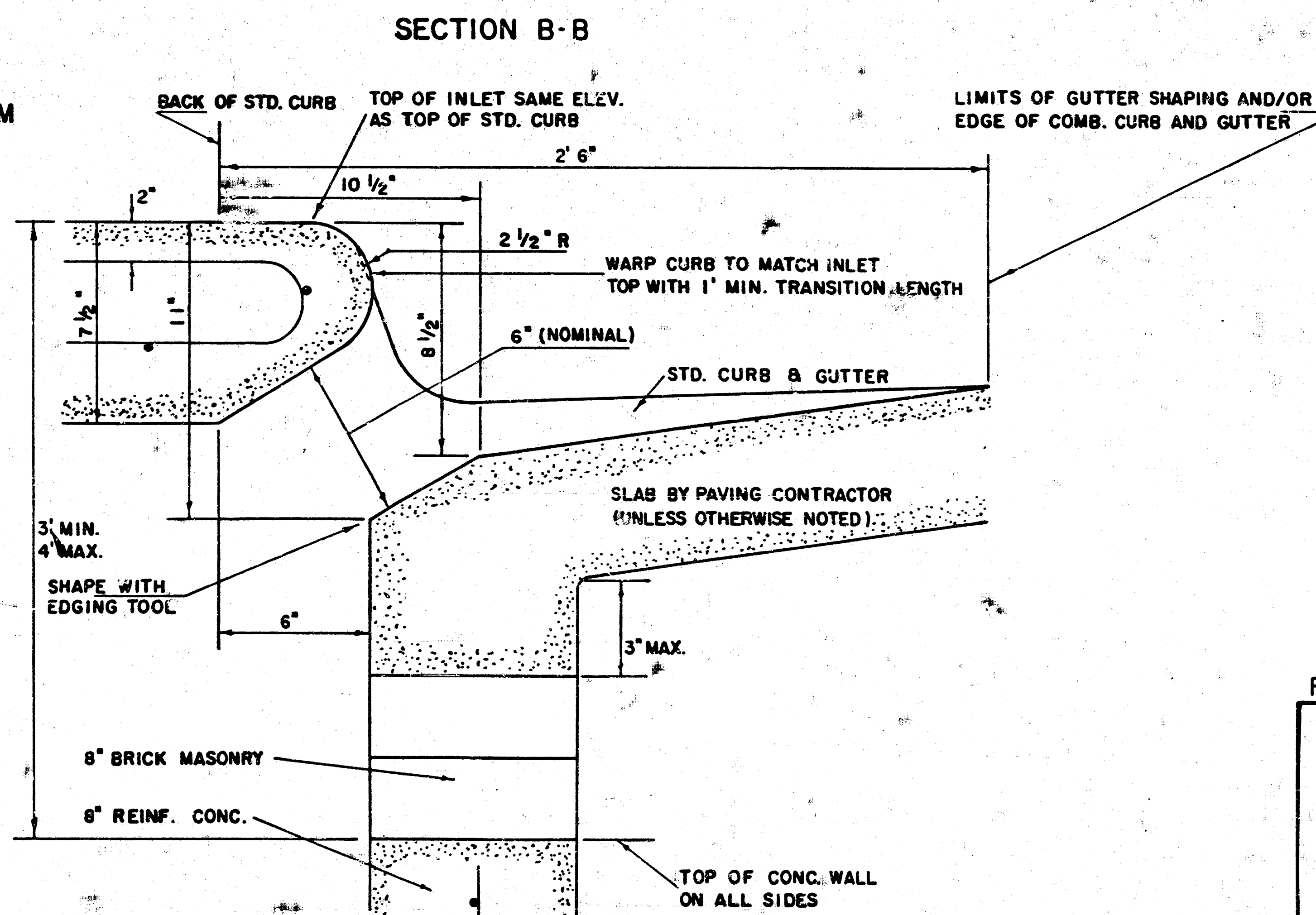
NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W = 6'4" AND H = 7'0" OR LESS.

INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.

THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.



SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.



SECTION B-B

REVISED 12-1-1984

DETAIL STANDARD TYPE I CURB INLET

CITY OF WICHITA, KANSAS

INLET OPENING = 6" x 5'0"

JUNE 1984