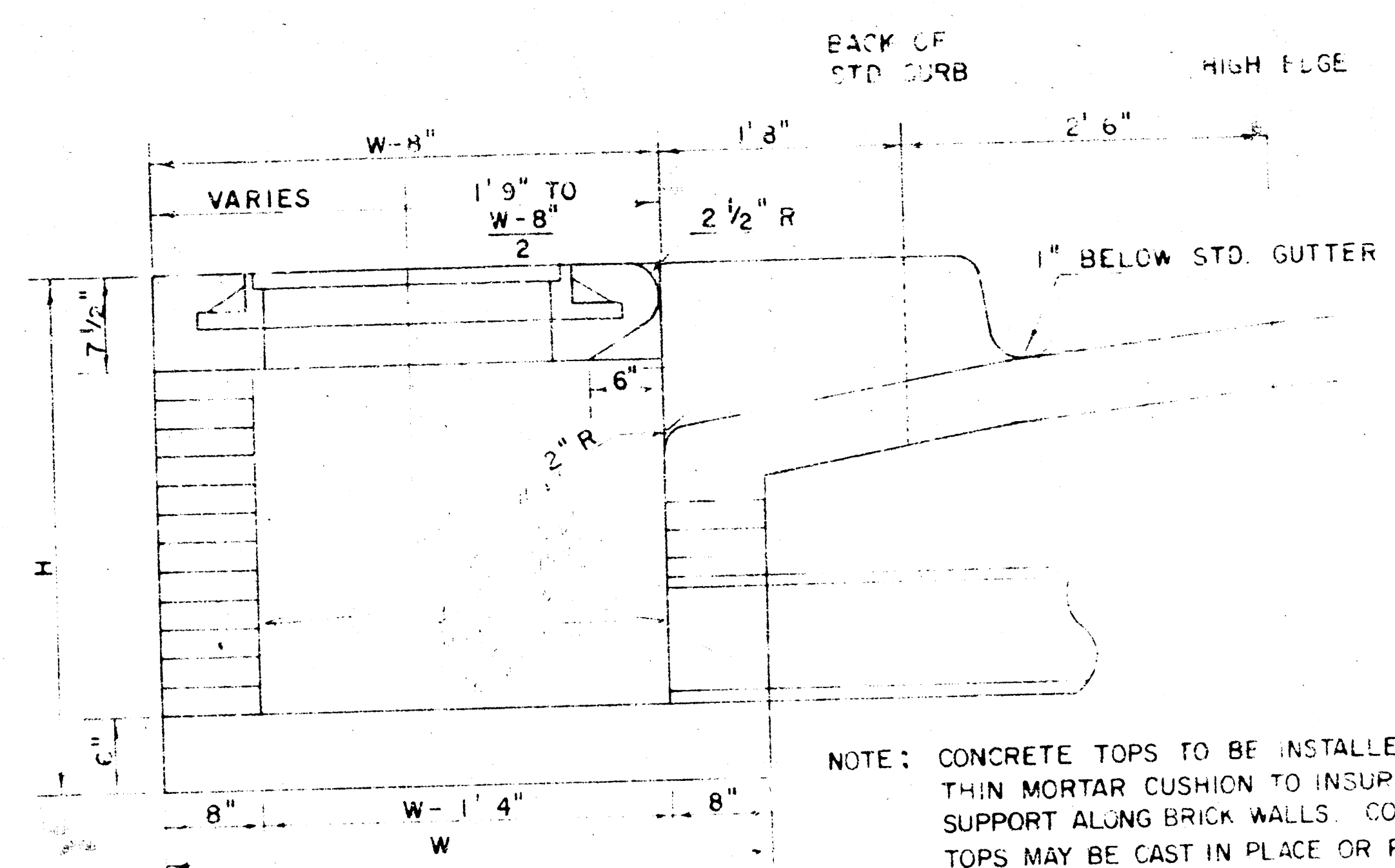
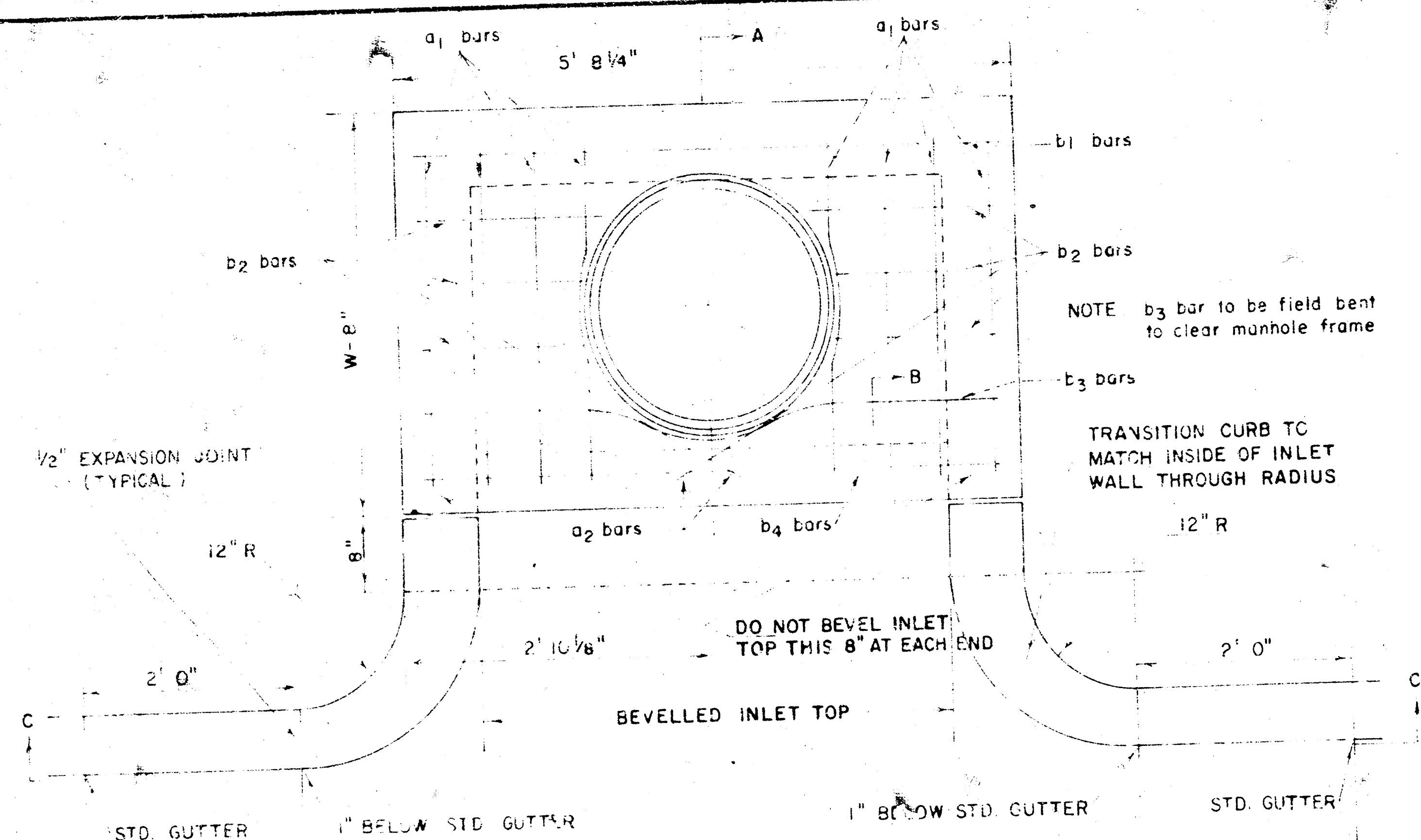
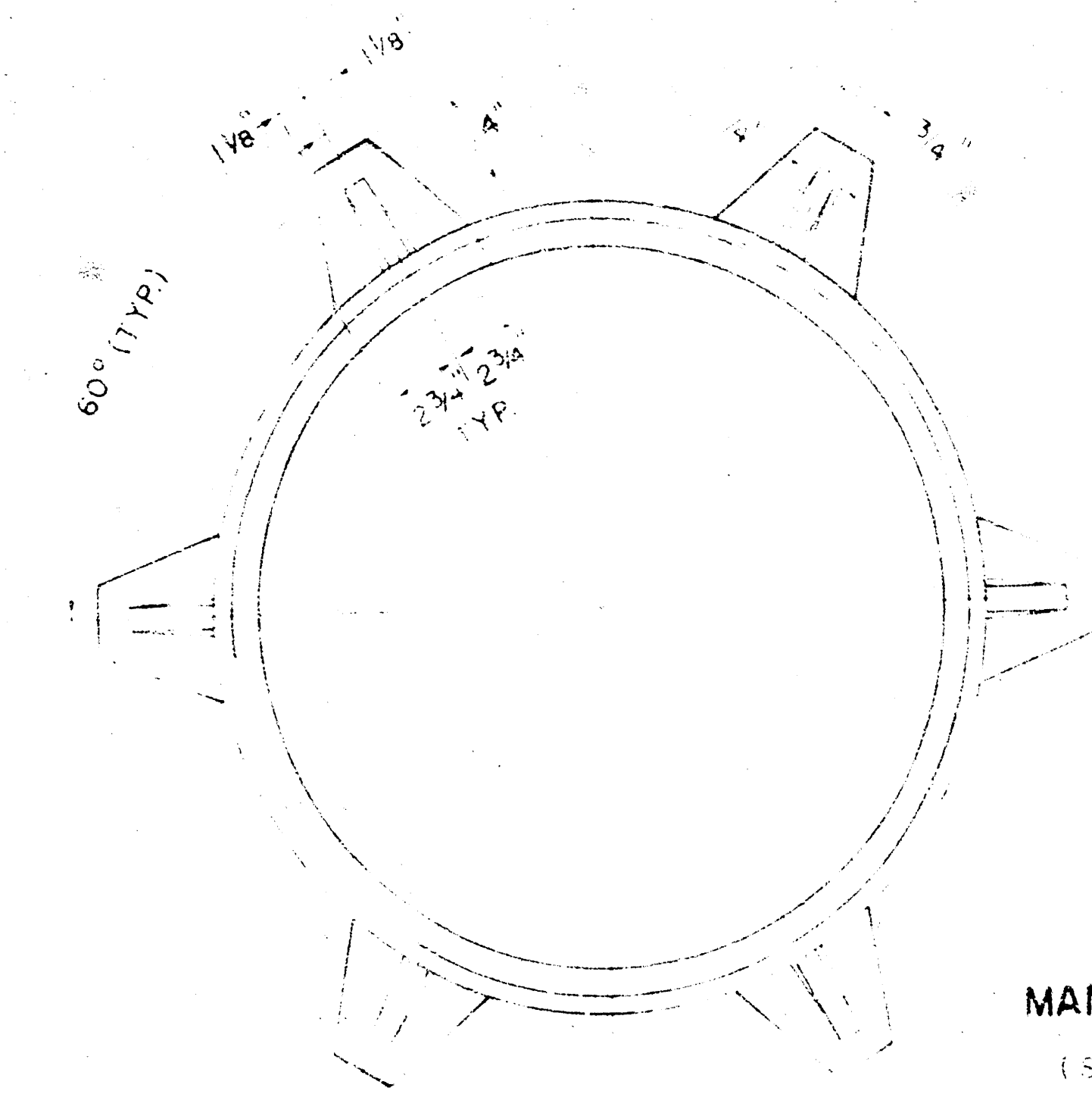
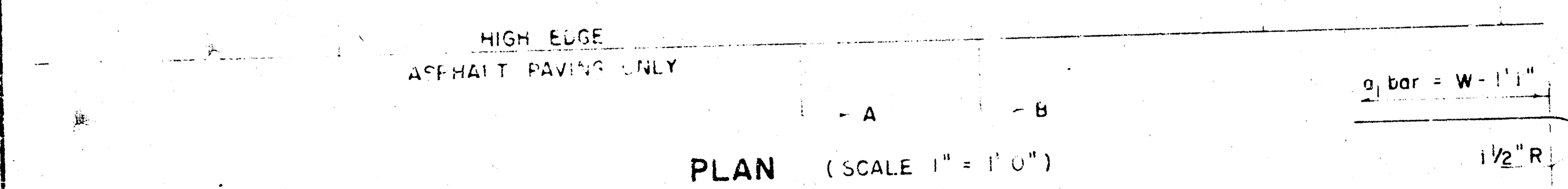




SECTION A-A
(SCALE 1" = 1' 0")



MANHOLE FRAME
(SCALE 1" = 5")
WEIGHT = 180 LBS



PLAN (SCALE 1" = 1' 0")

STEEL SCHEDULE

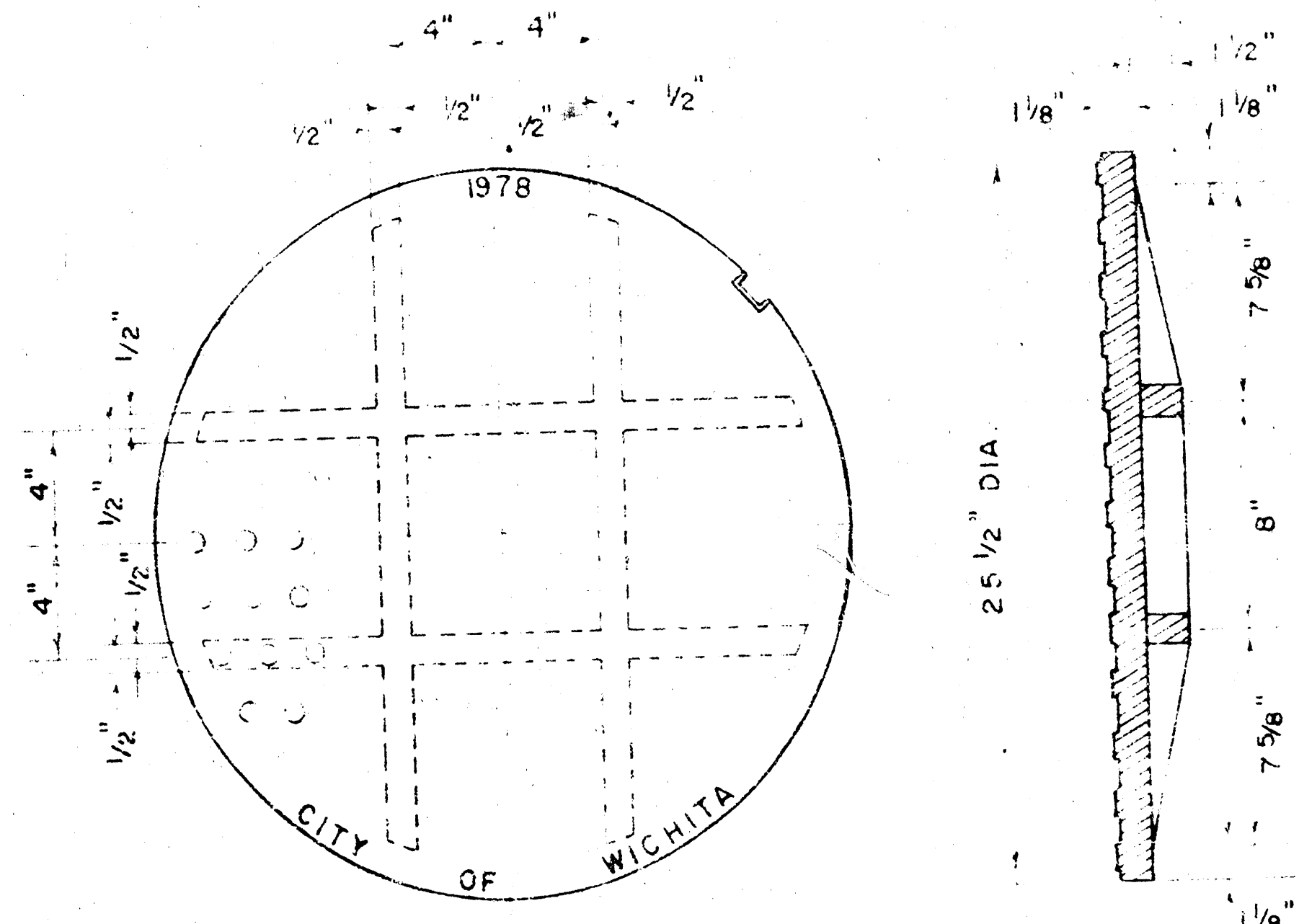
BAR	a1	a2	b1	b2	b3	b4	b5	WT. LBS.
NUMBER	8	2	1	3	5	7	9	
SIZE	#4	#4	#4	#4	#4	#4	#4	
W=4'2"	6'5"	3'4"	5'5"	-	-	-	-	60"
W=5'0"	8'1"	4'4"	-	5'5"	-	-	-	77"
W=6'0"	10'1"	5'4"	-	5'5"	-	-	-	97"
W=7'0"	11'1"	6'1"	-	5'5"	-	-	-	111"
W=8'0"	12'1"	7'4"	-	5'5"	-	-	-	124"

* NOTE: a2 BARS TO BE PLACED APPROX 2" BELOW TOP OF INLET COVER

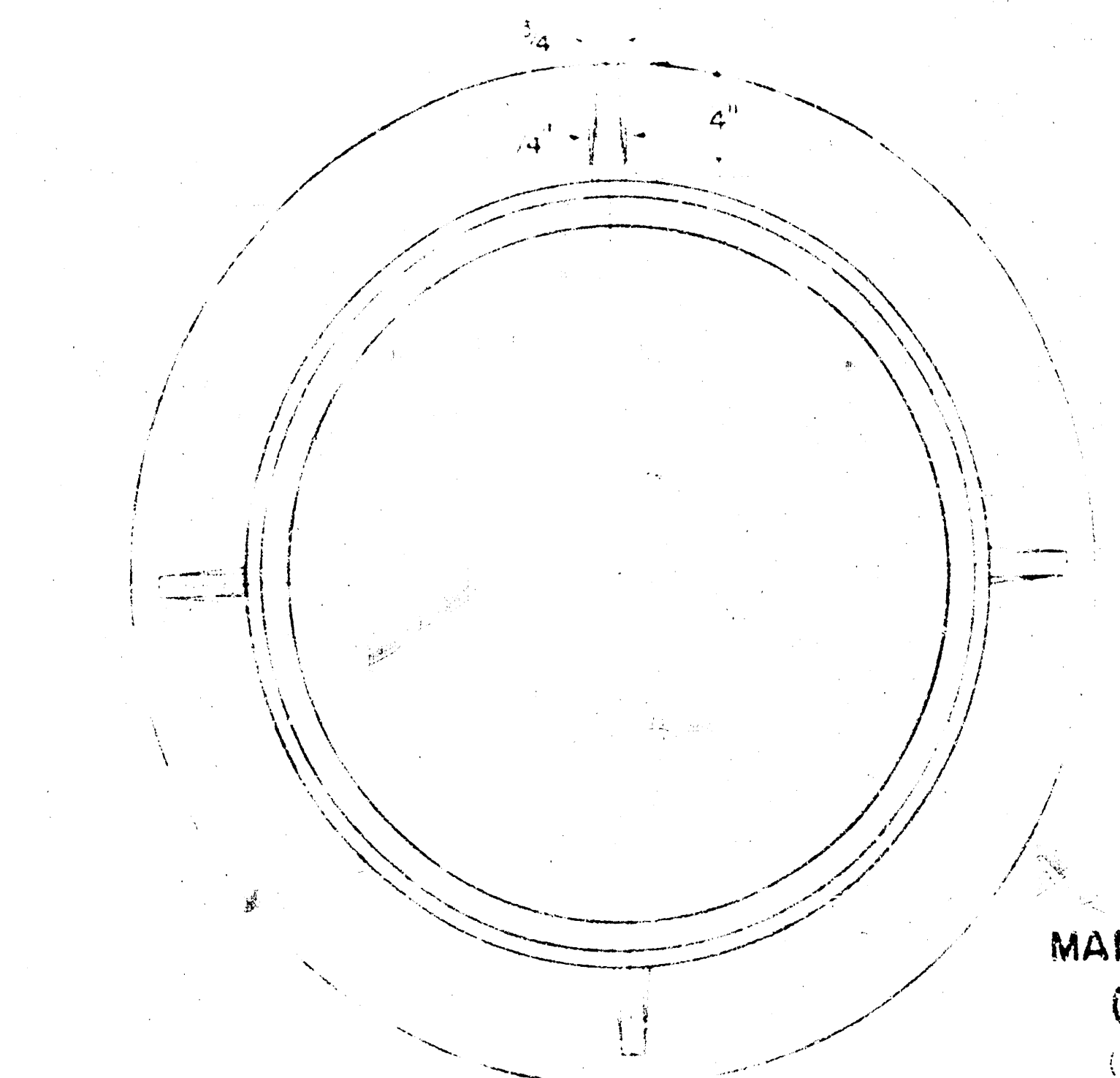
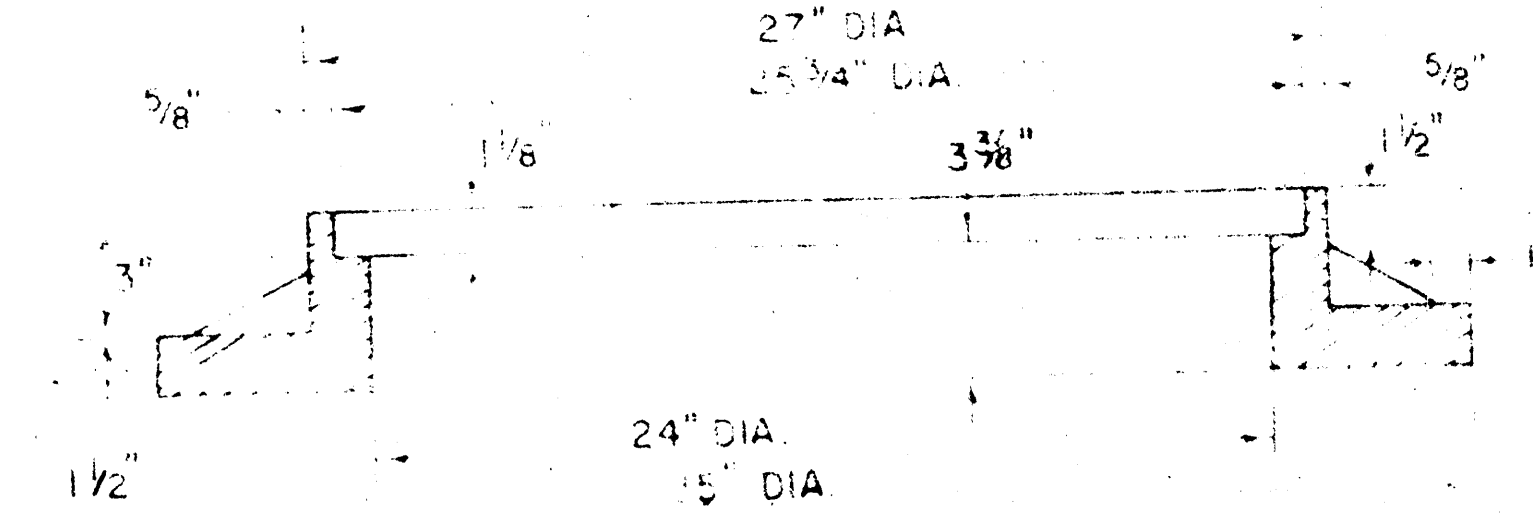
BENDING DIAGRAM

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 2"	36" x 5' 8 1/4" x 7 1/2"	21" & SMALLER	0.46 *
5' 0"	44" x 5' 8 1/4" x 7 1/2"	24" & 30"	0.57 *
6' 0"	54" x 5' 8 1/4" x 7 1/2"	36" & 42"	0.71 *
7' 0"	64" x 5' 8 1/4" x 7 1/2"	48" & 54"	0.84 *
8' 0"	74" x 5' 8 1/4" x 7 1/2"	60" & 66"	0.97 *

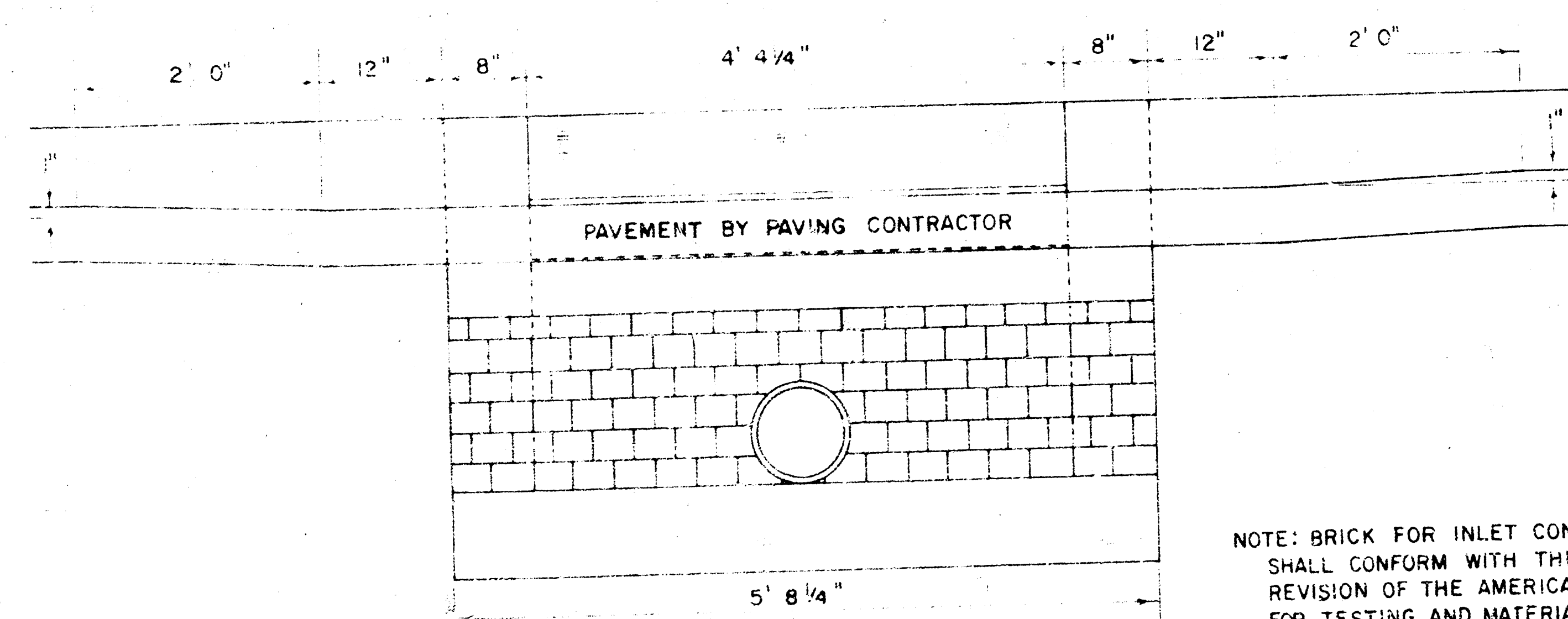
* GROSS VOLUME



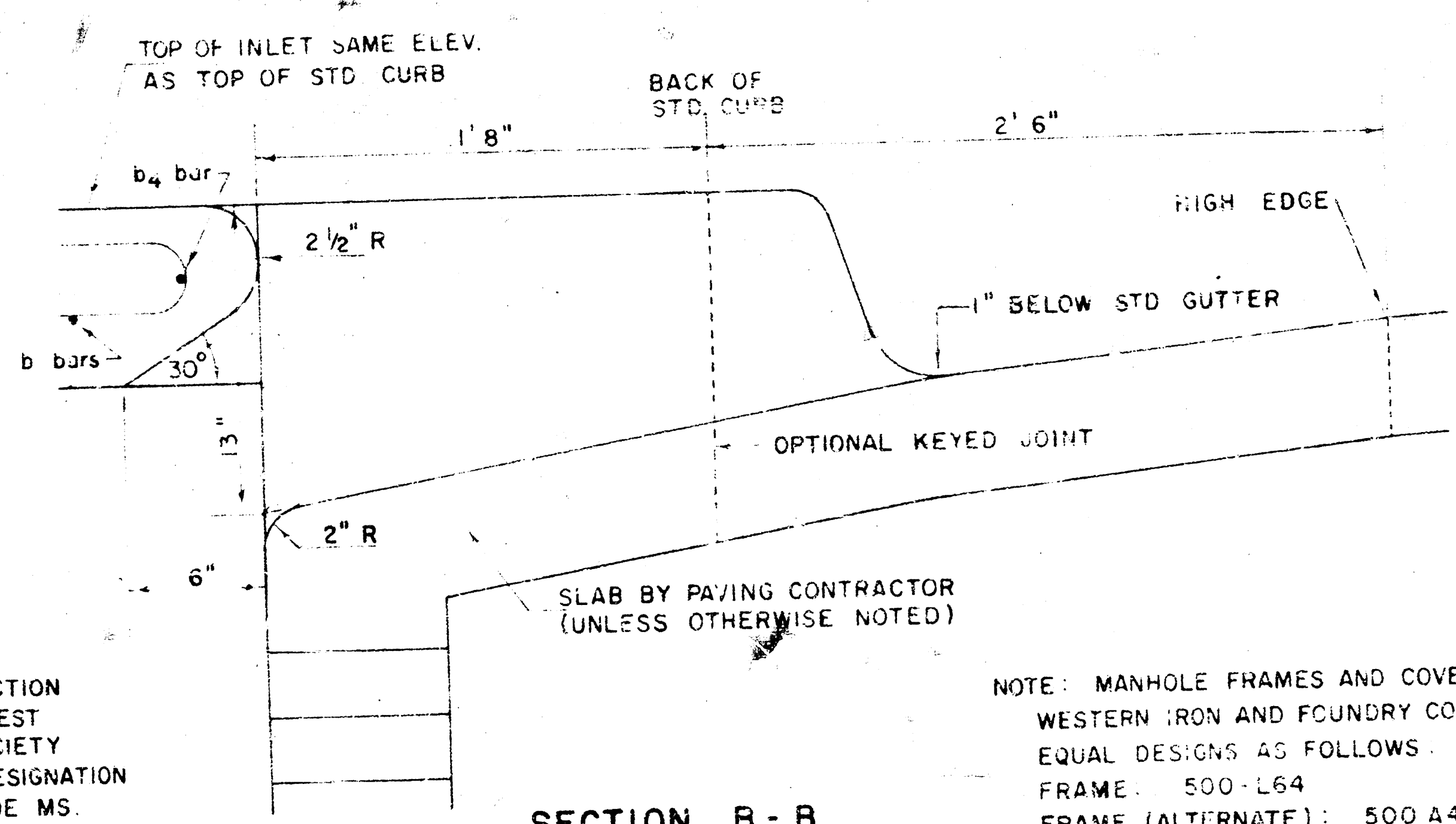
MANHOLE COVER
(SCALE 1" = 6")
WEIGHT = 170 LBS



MANHOLE FRAME
(ALTERNATE)
(SCALE 1" = 6")
WEIGHT = 180 LBS



SECTION C-C
(SCALE 1" = 1' 0")



SECTION B-B
(SCALE 1" = 6")

NOTE: BRICK FOR INLET CONSTRUCTION SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION C-32 FOR MANHOLE BRICK GRADE MS.

NOTE: MANHOLE FRAMES AND COVER ARE WESTERN IRON AND FOUNDRY CO. INC. OR EQUAL DESIGNS AS FOLLOWS.
FRAME 500-L64
FRAME (ALTERNATE): 500-A4
COVER 222-S4 "NOBBY"

DETAIL STANDARD TYPE IA CURB INLET
CITY OF WICHITA, KANSAS
R. W. LINN - CITY ENGINEER
OCTOBER 1978