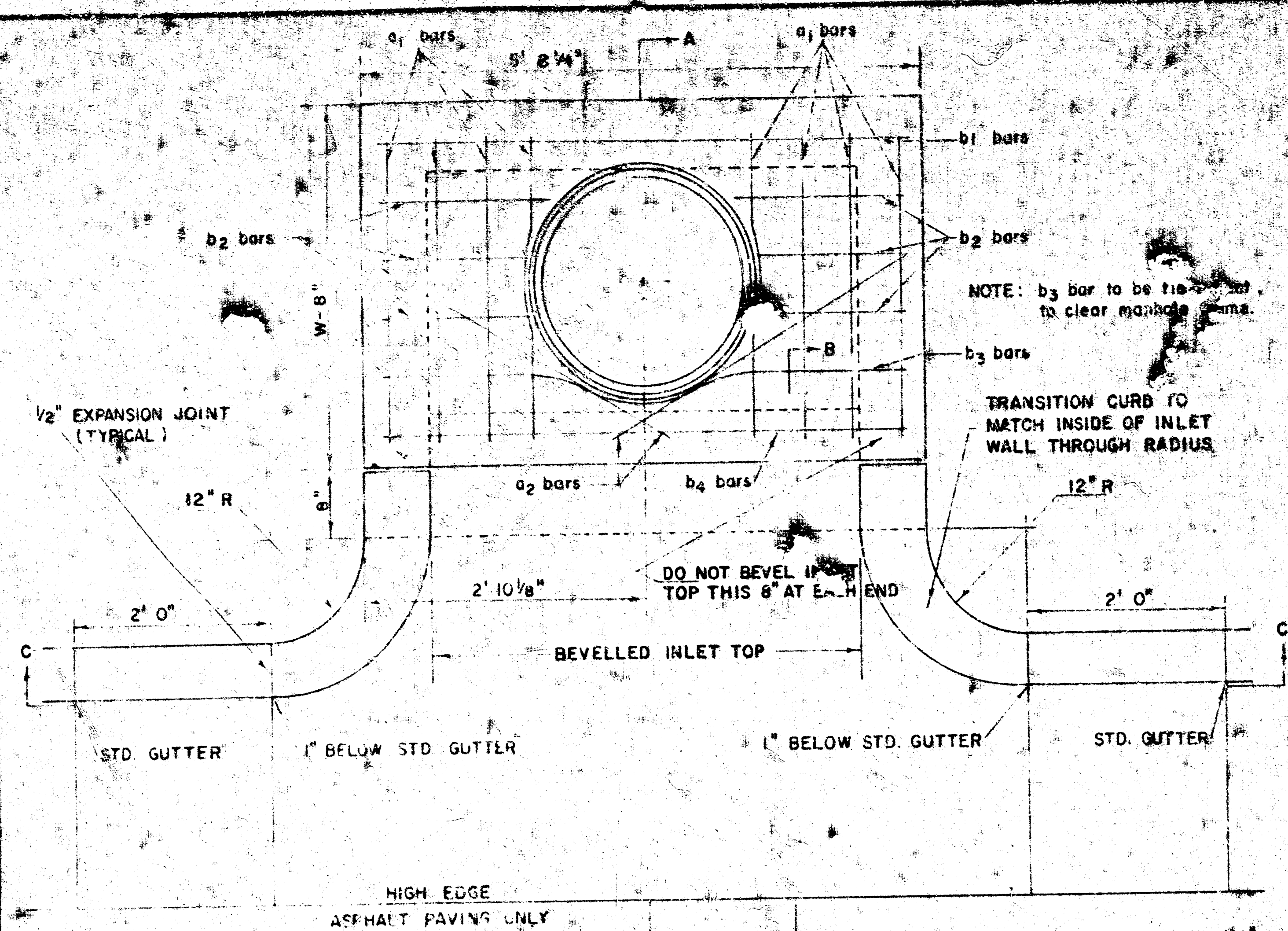




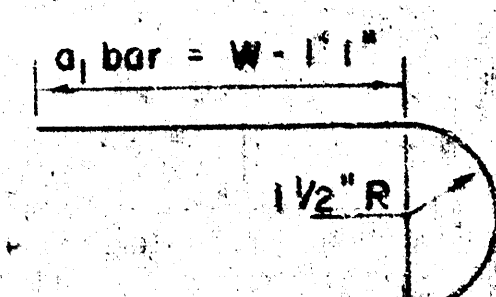
PLAN (SCALE 1" = 1' 0")

STEEL SCHEDULE

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

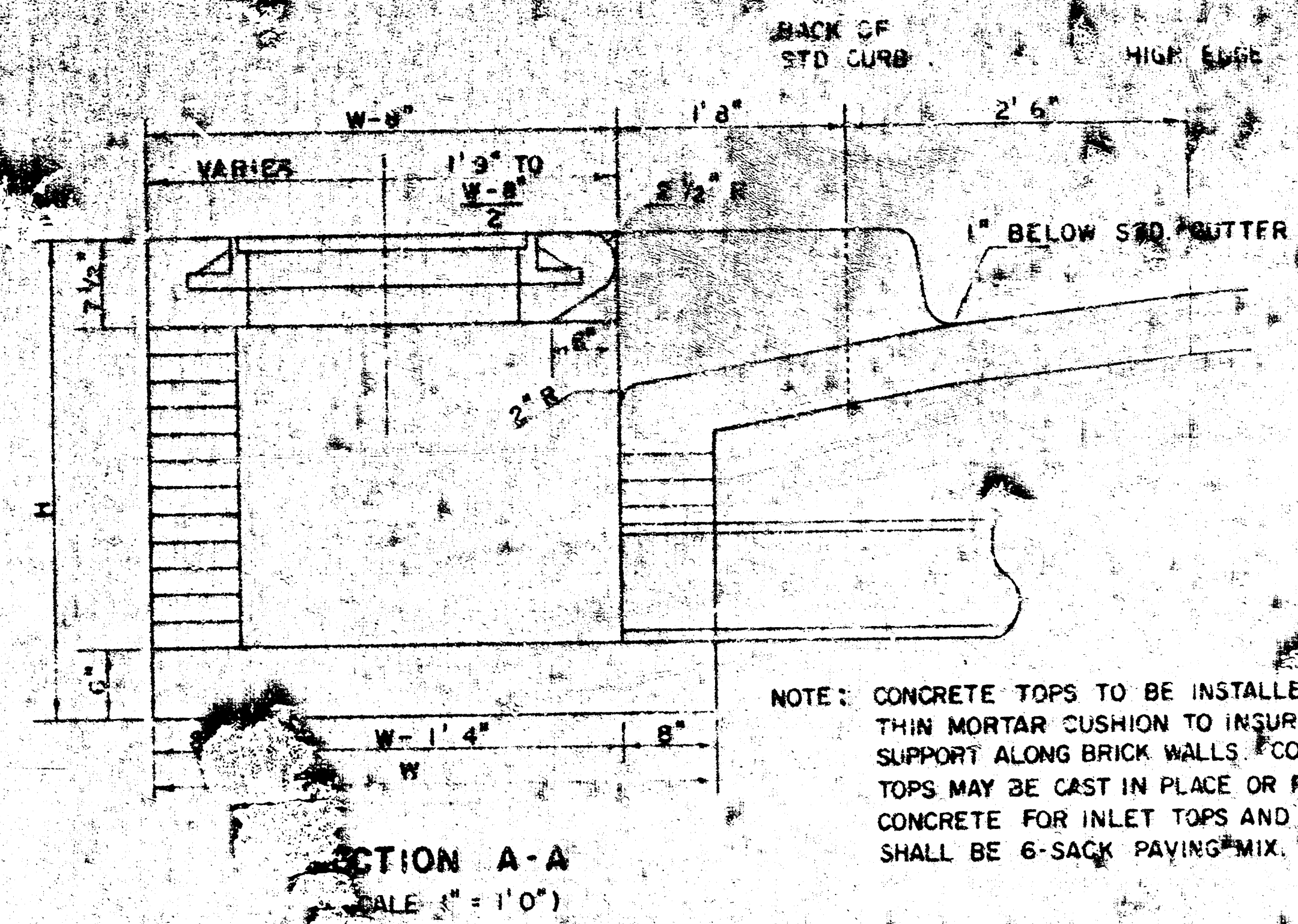
* NOTE: a2 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

BENDING DIAGRAM

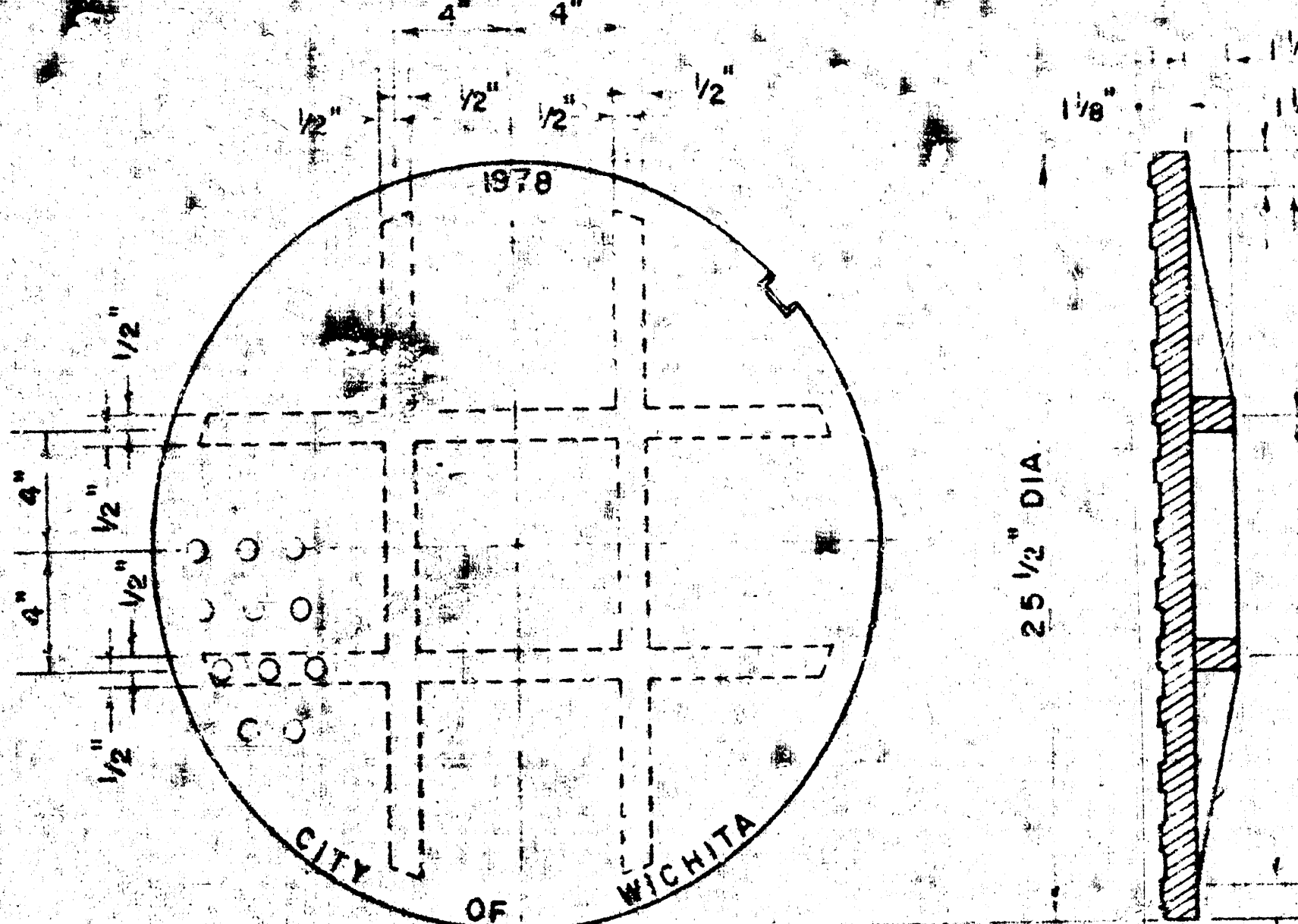


W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 2"	36"x5' 8 1/4"x7 1/2"	21" & SMALLER	0.56*
5' 0"	44"x5' 8 1/4"x7 1/2"	24" & 30"	0.57*
6' 0"	54"x5' 8 1/4"x7 1/2"	36" & 42"	0.71*
7' 0"	64"x5' 8 1/4"x7 1/2"	48" & 54"	0.84*
8' 0"	74"x5' 8 1/4"x7 1/2"	60" & 66"	0.97*

* GROSS VOLUME

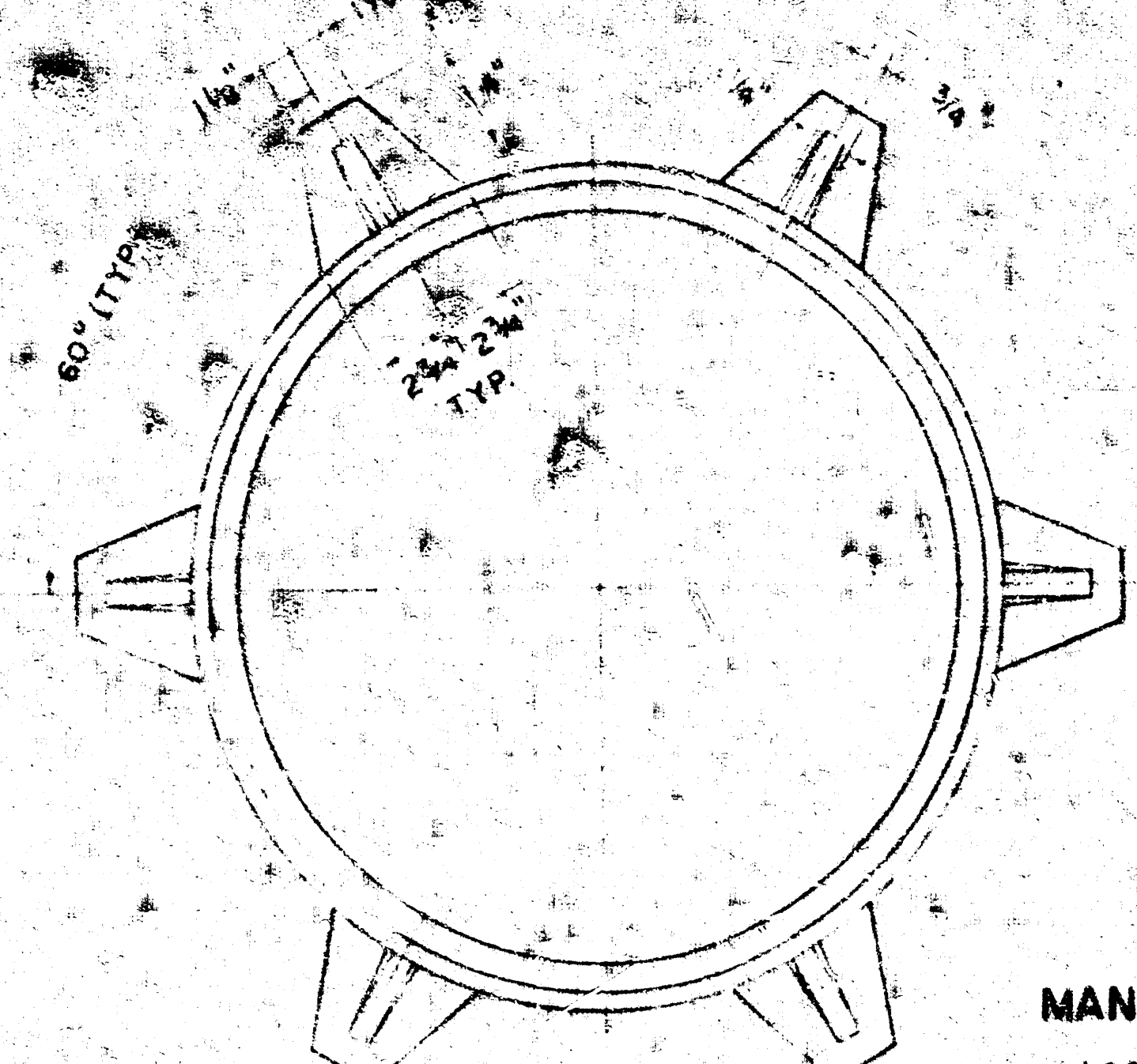


SECTION A-A (SCALE 1" = 1' 0")



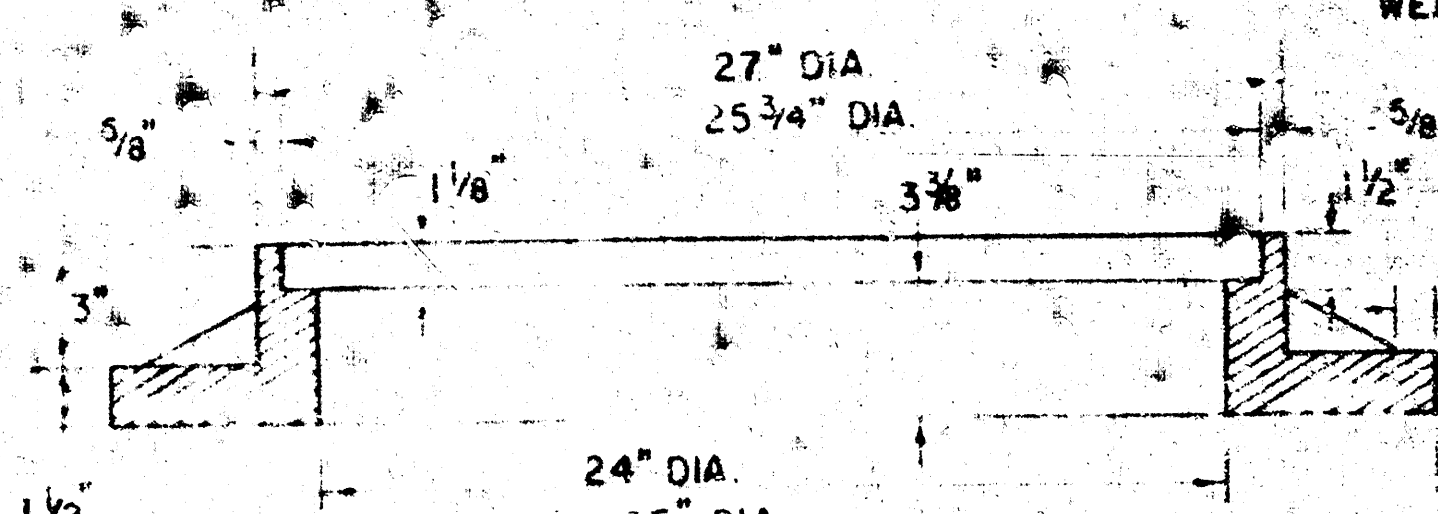
MANHOLE COVER (SCALE 1" = 6")

WEIGHT = 170 LBS.



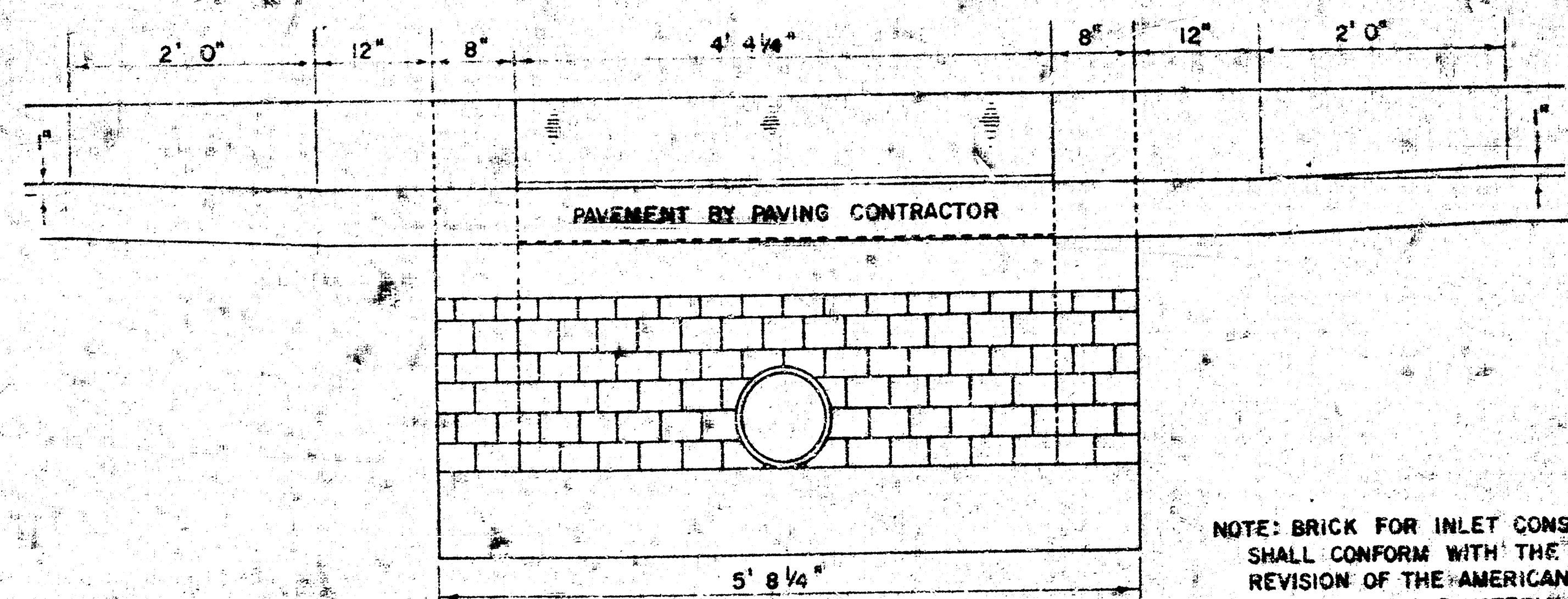
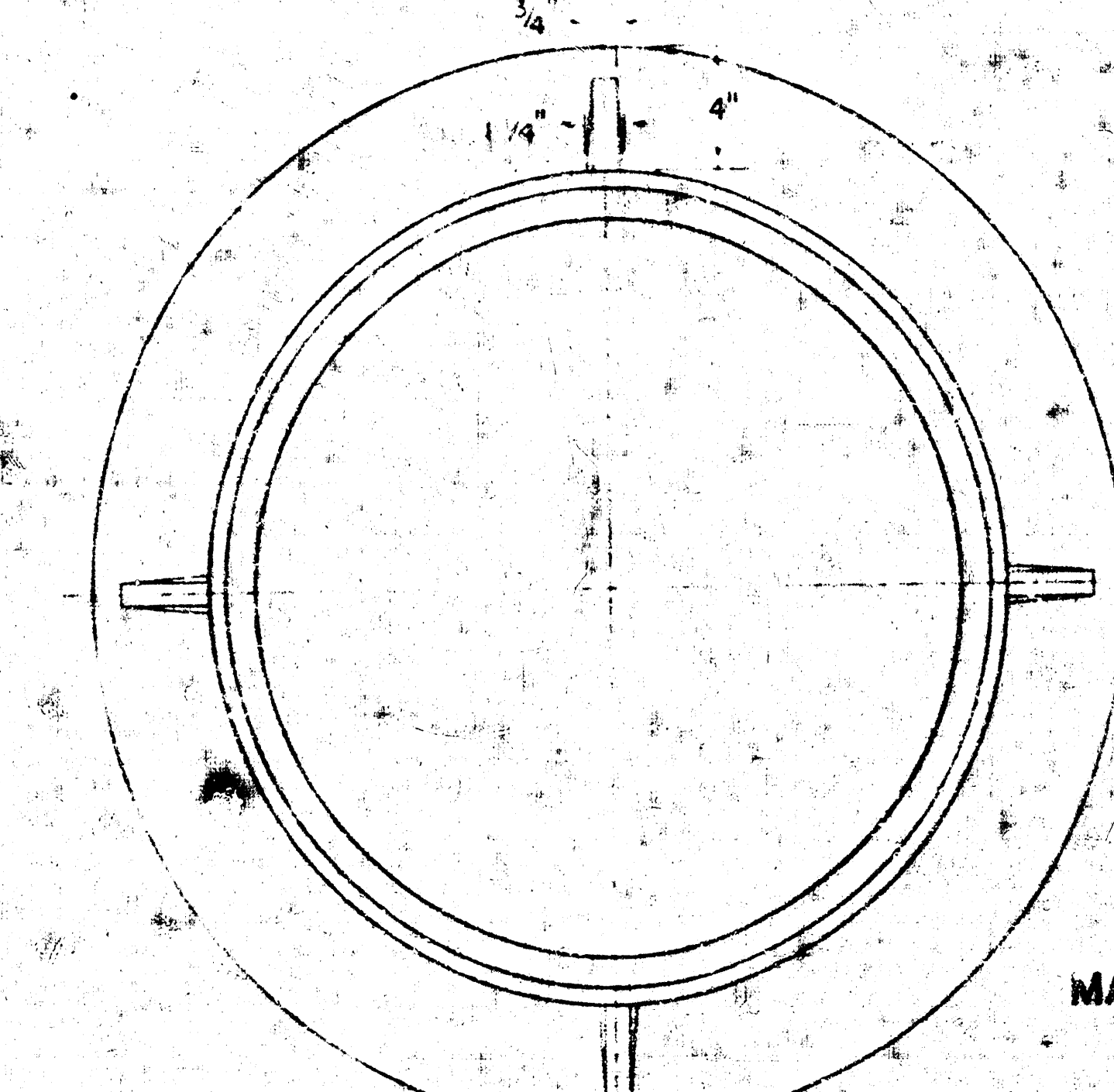
MANHOLE FRAME (SCALE 1" = 6")

WEIGHT = 180 LBS.



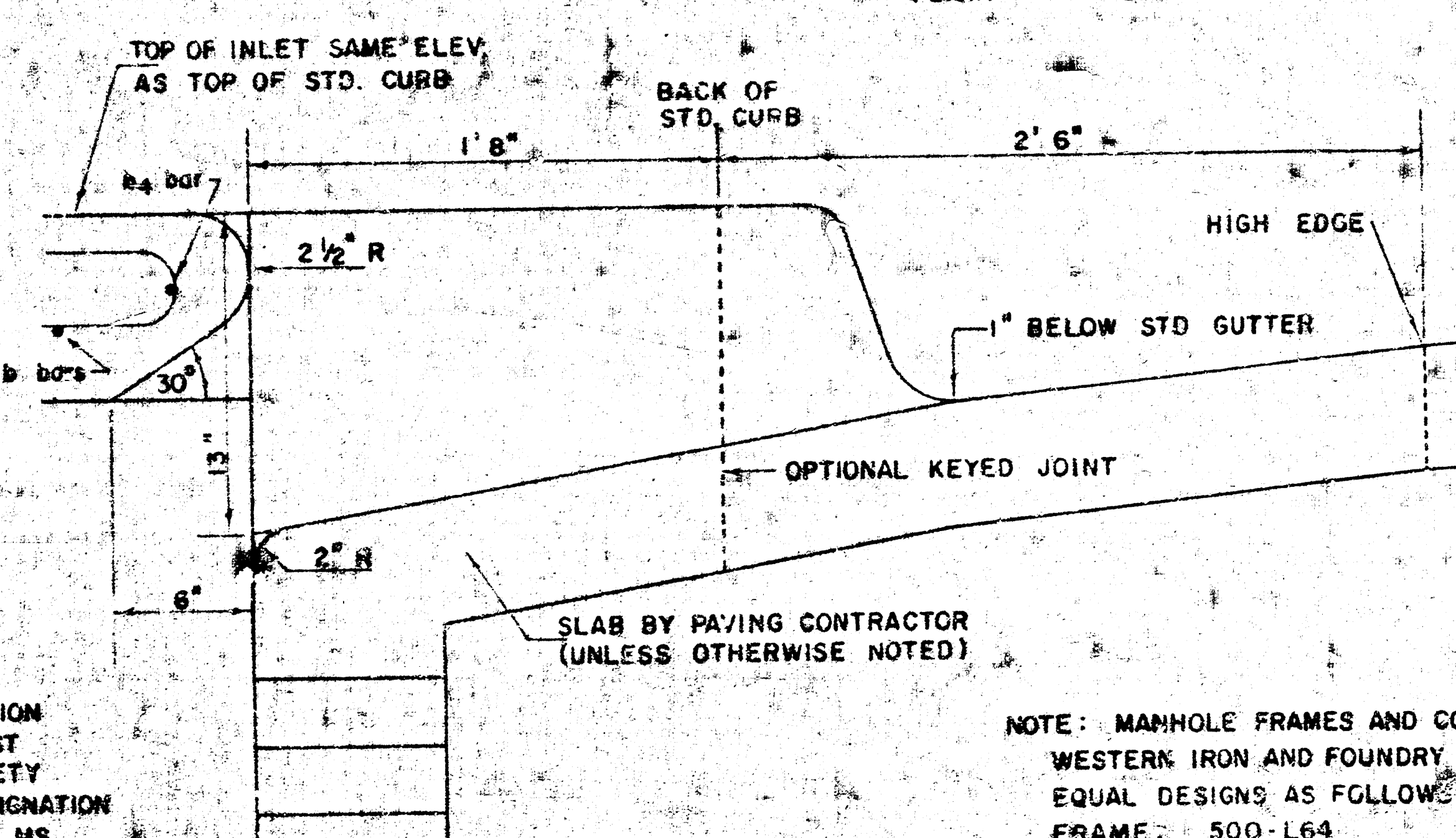
MANHOLE FRAME (ALTERNATE) (SCALE 1" = 6")

WEIGHT = 180 LBS.



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

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.



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

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 "MOBBY"

DETAIL STANDARD TYPE 1A CURB INLET
CITY OF WICHITA, KANSAS
R. W. LINN — CITY ENGINEER
OCTOBER 1978

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