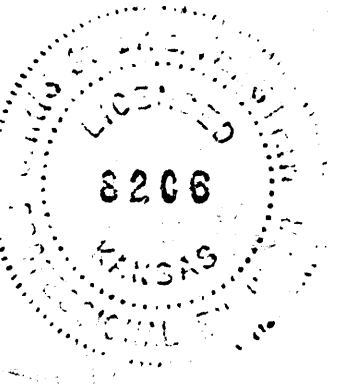
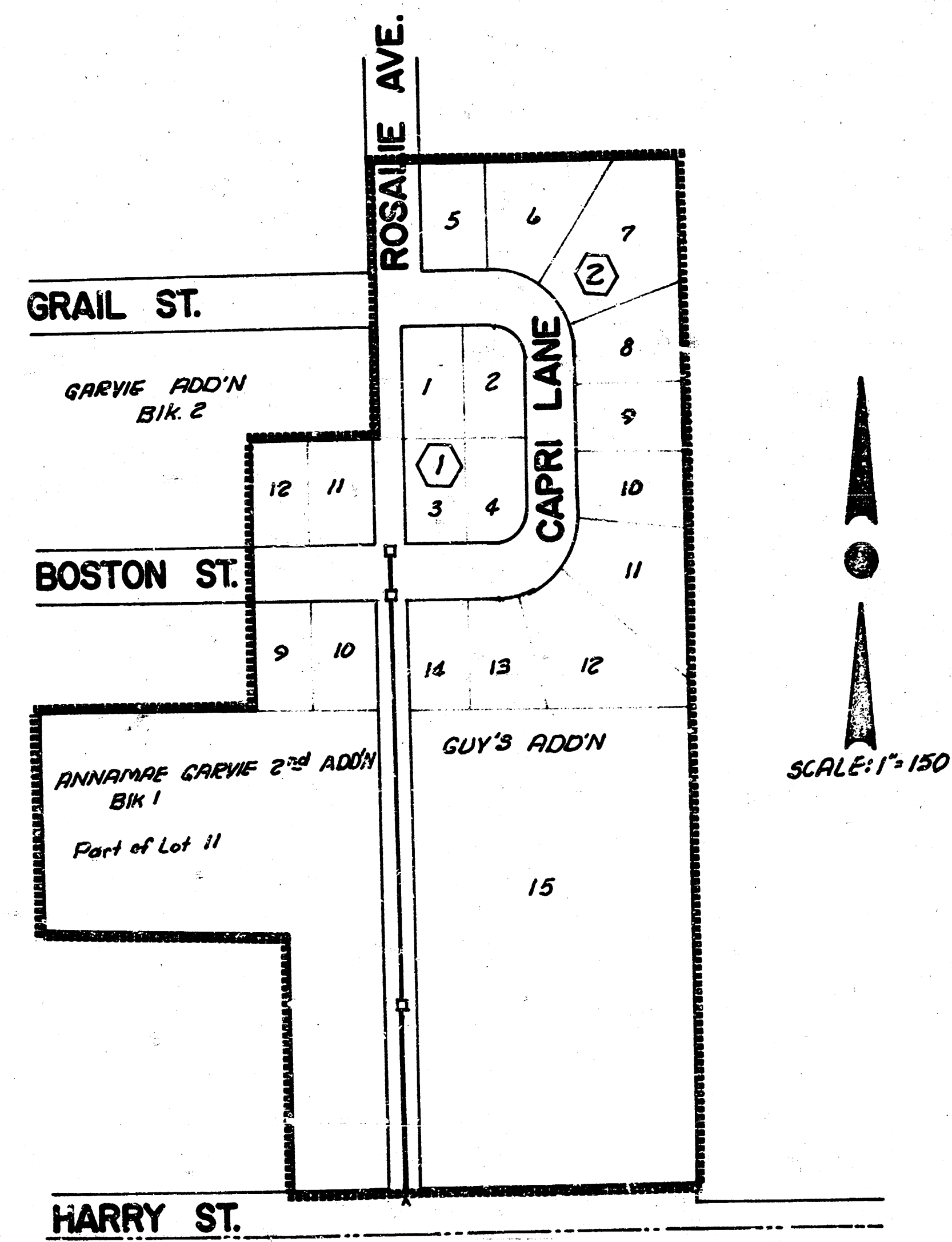
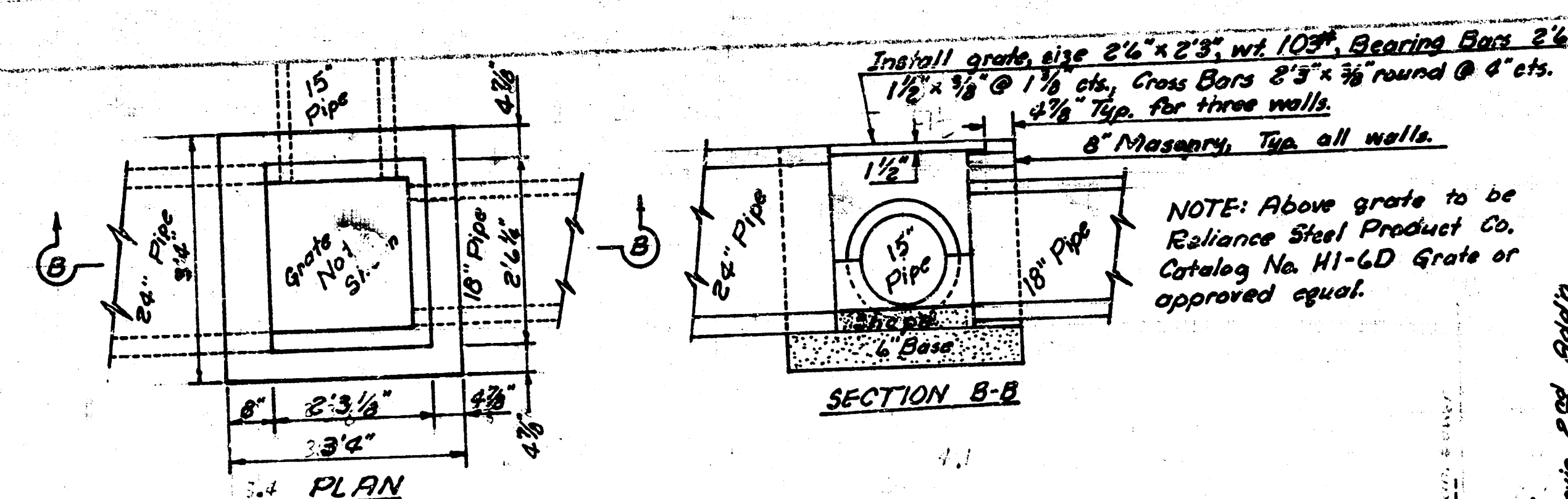
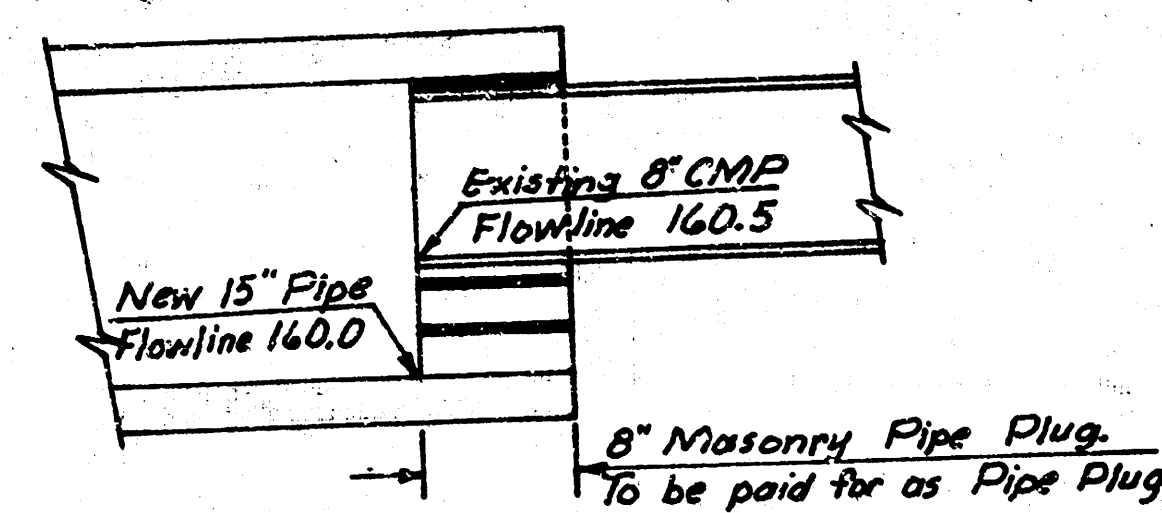


STORM WATER SEWER NO. 238

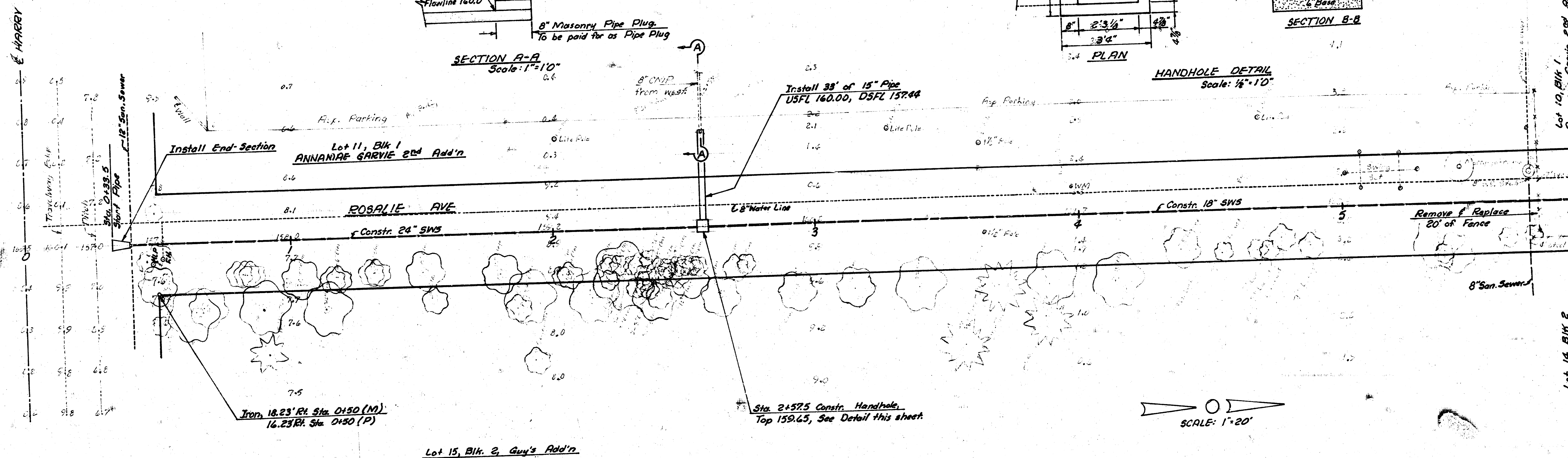


PROJECT DESCRIPTION		
S.W.S. 238		
PROJECT NUMBER 468-76-245-81177-000-001		
BOOK NO. TP-2	APPROVED BY	DATE 4-83
DRAWN BY WJK		REVISED
CITY OF WICHITA DEPARTMENT OF ENGINEERING		
DIRECTOR OF ENG./CITY ENGINEER R. W. BRUGEMAN		Sheet 1 of 4

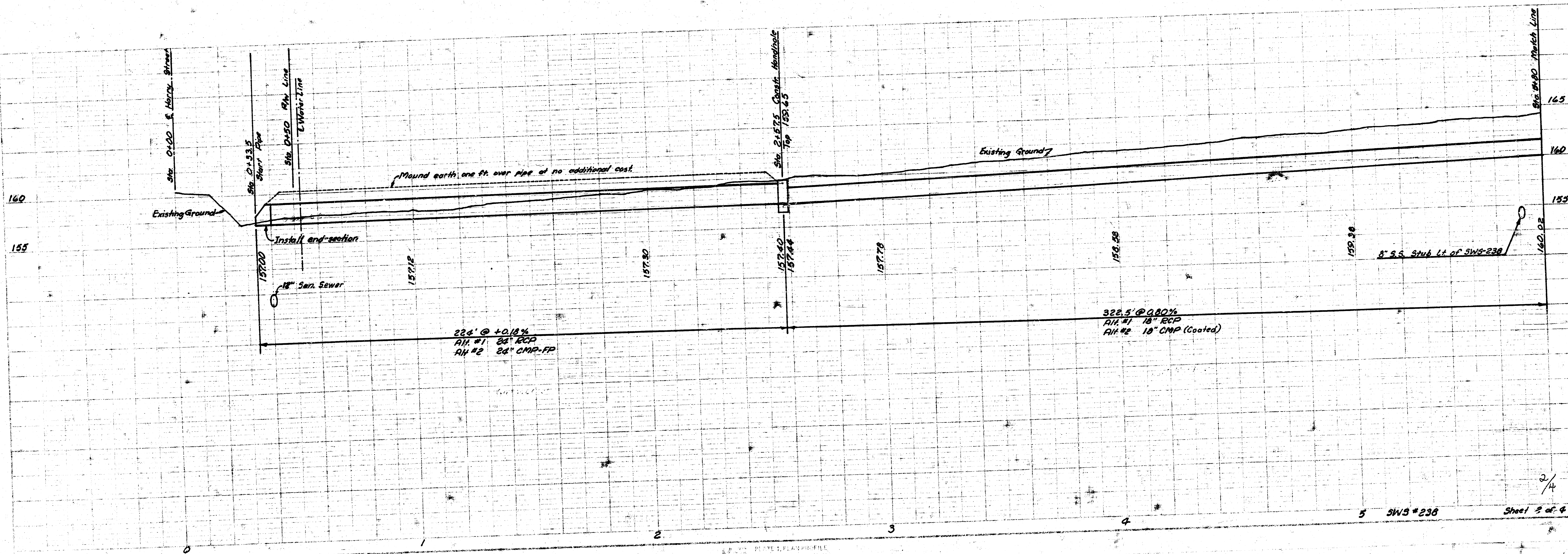
BM 160.13 Word "Dry" painted yellow on Fire Plug,
N.L. Harry, near E. Easement



NOTE: Above grate to be
Reliance Steel Product Co.
Catalog No. H1-6D Grate or
approved equal.



SCALE: 1"=20'



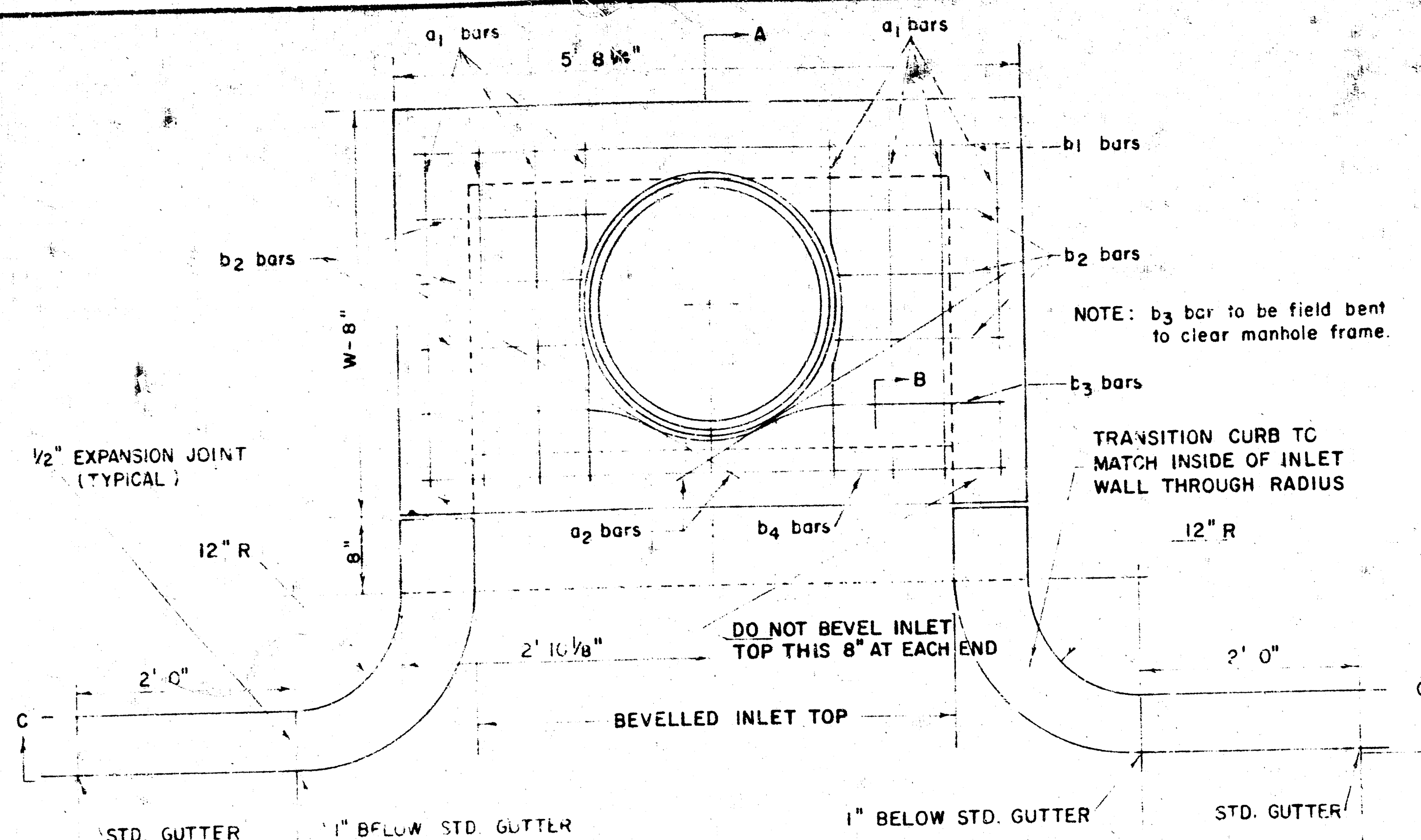
PLAN
TP-2
WSE

PROFILE
NOTE: BLOCK IN PLACE

2/4

5 SWS #238

Sheet 3 of 4



PLAN (SCALE 1" = 1' 0")

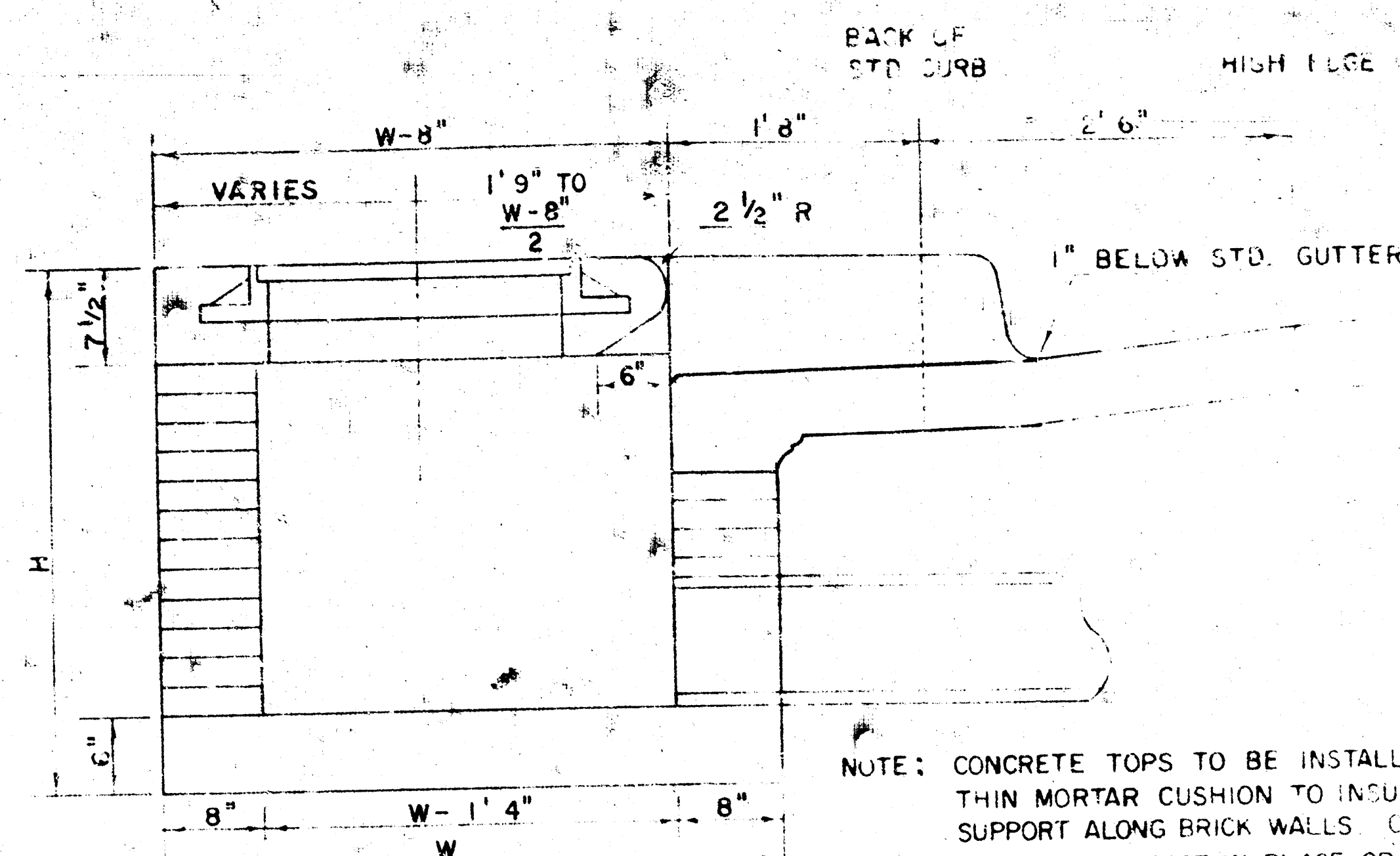
STEEL SCHEDULE									
BAR	a1	a2	b1	b2	b3	b4	WT.		
NUMBER	8	2	1	1	1	1	LBS.		
SIZE	#4	#4	#4	#4	#4	#6			
W=4'2"	6'5"	5'4"	5'5"	-	-	-	60*		
W=5'0"	8'1"	4'4"	5'5"	-	-	-	77*		
W=6'0"	10'1"	5'4"	5'5"	-	-	-	97*		
W=7'0"	11'1"	6'4"	5'5"	-	-	-	111*		
W=8'0"	12'1"	7'4"	5'5"	-	-	-	124*		

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

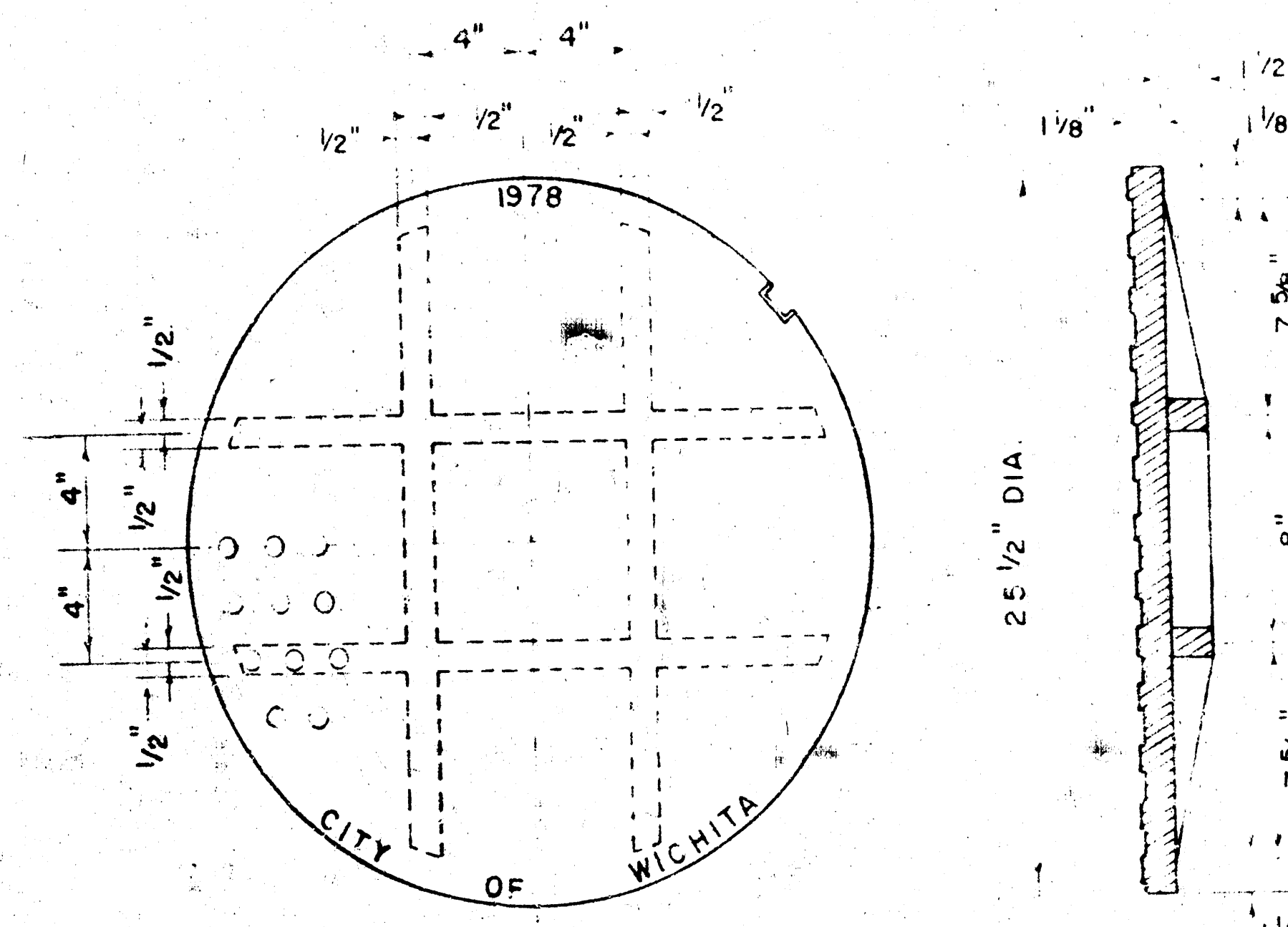
BENDING DIAGRAM

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 2"	36"x5'8 1/4"x7 1/2"	21" B SMALLER	0.46*
5' 0"	44"x5'8 1/4"x7 1/2"	24" B 30"	0.57*
6' 0"	54"x5'8 1/4"x7 1/2"	36" B 42"	0.71*
7' 0"	64"x5'8 1/4"x7 1/2"	48" B 54"	0.84*
8' 0"	74"x5'8 1/4"x7 1/2"	60" B 66"	0.97*

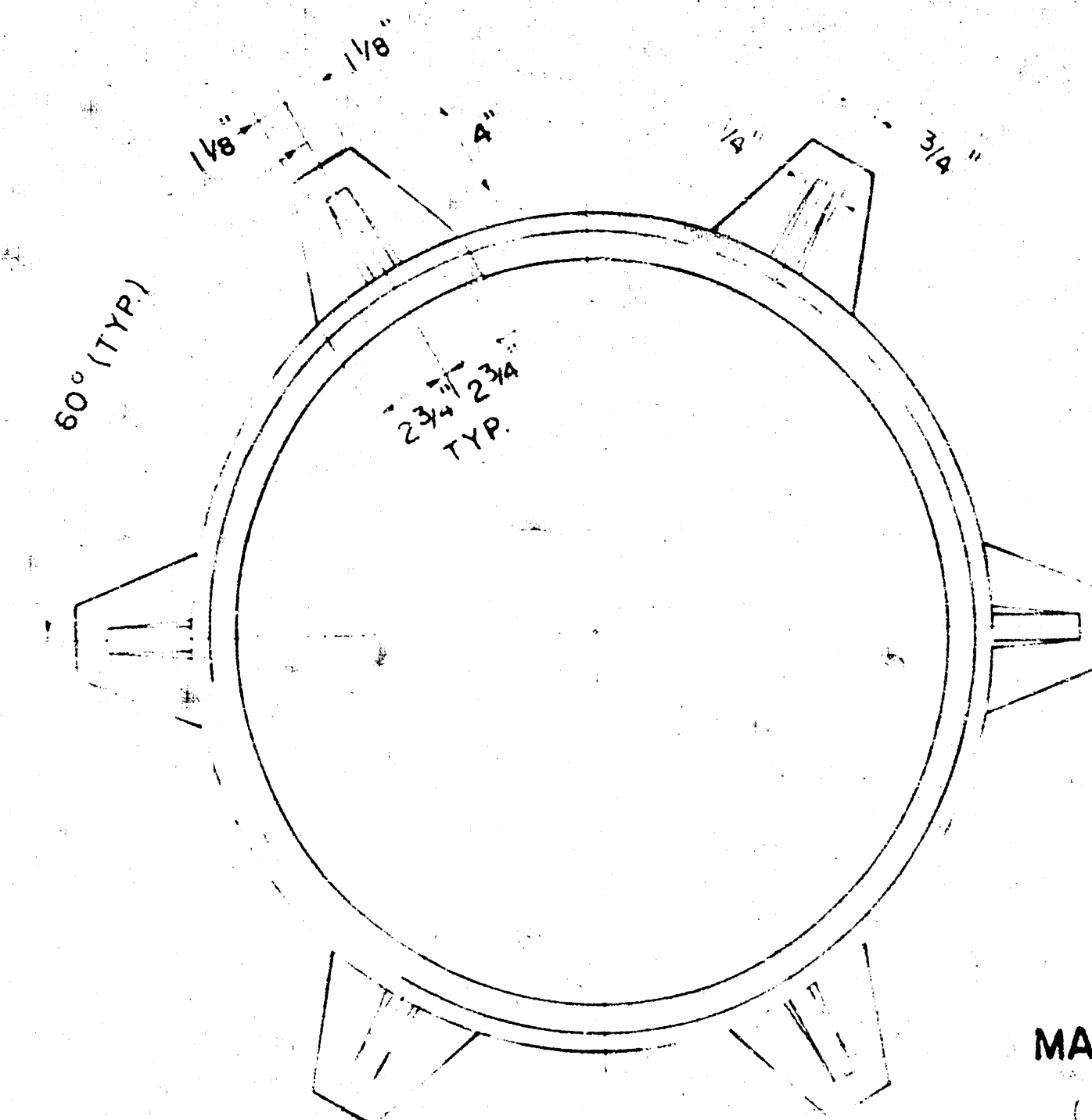
* GROSS VOLUME



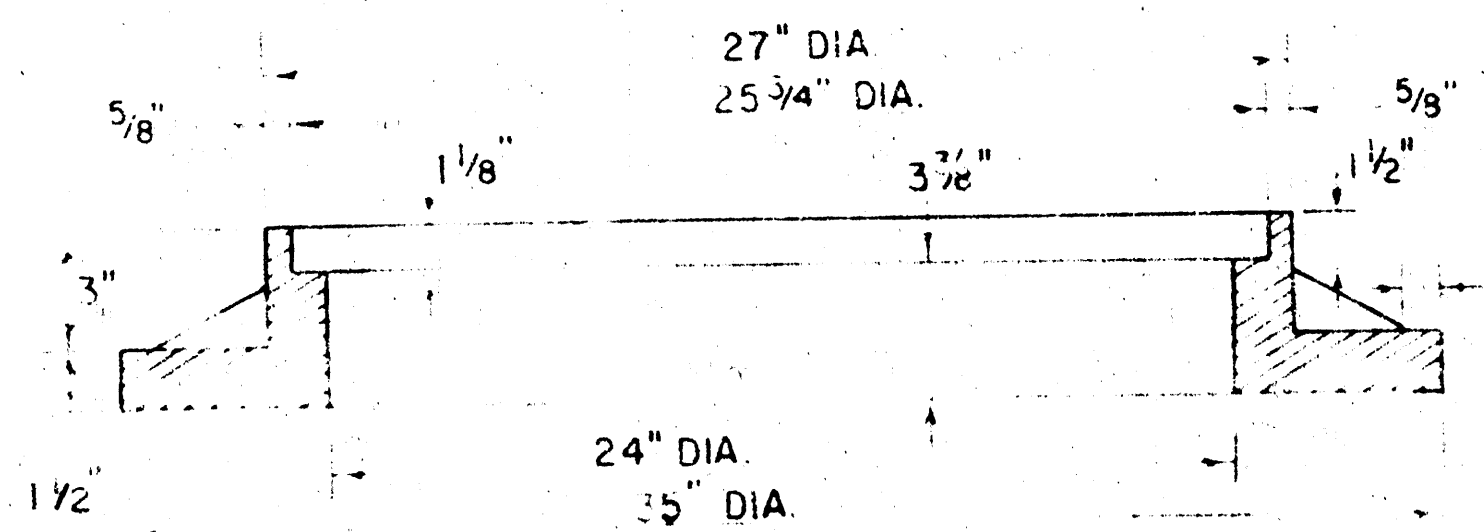
SECTION A-A
(SCALE 1" = 1' 0")



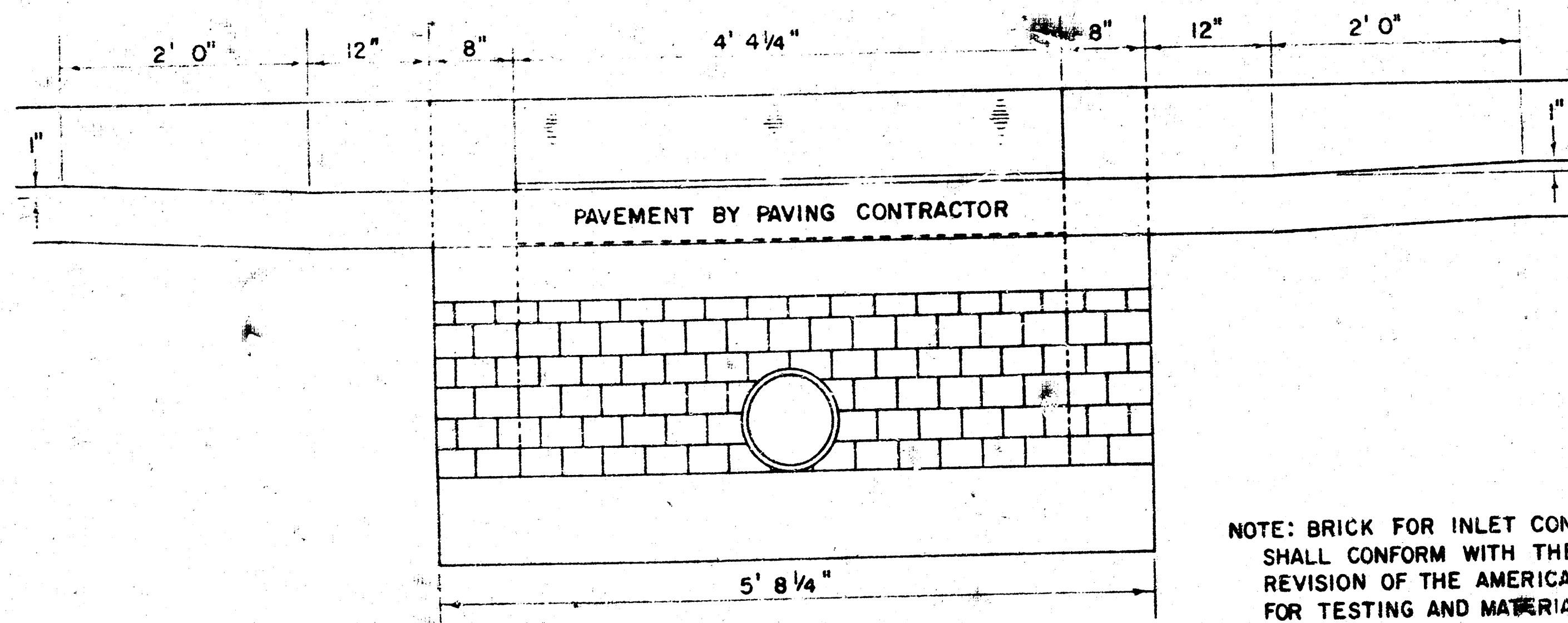
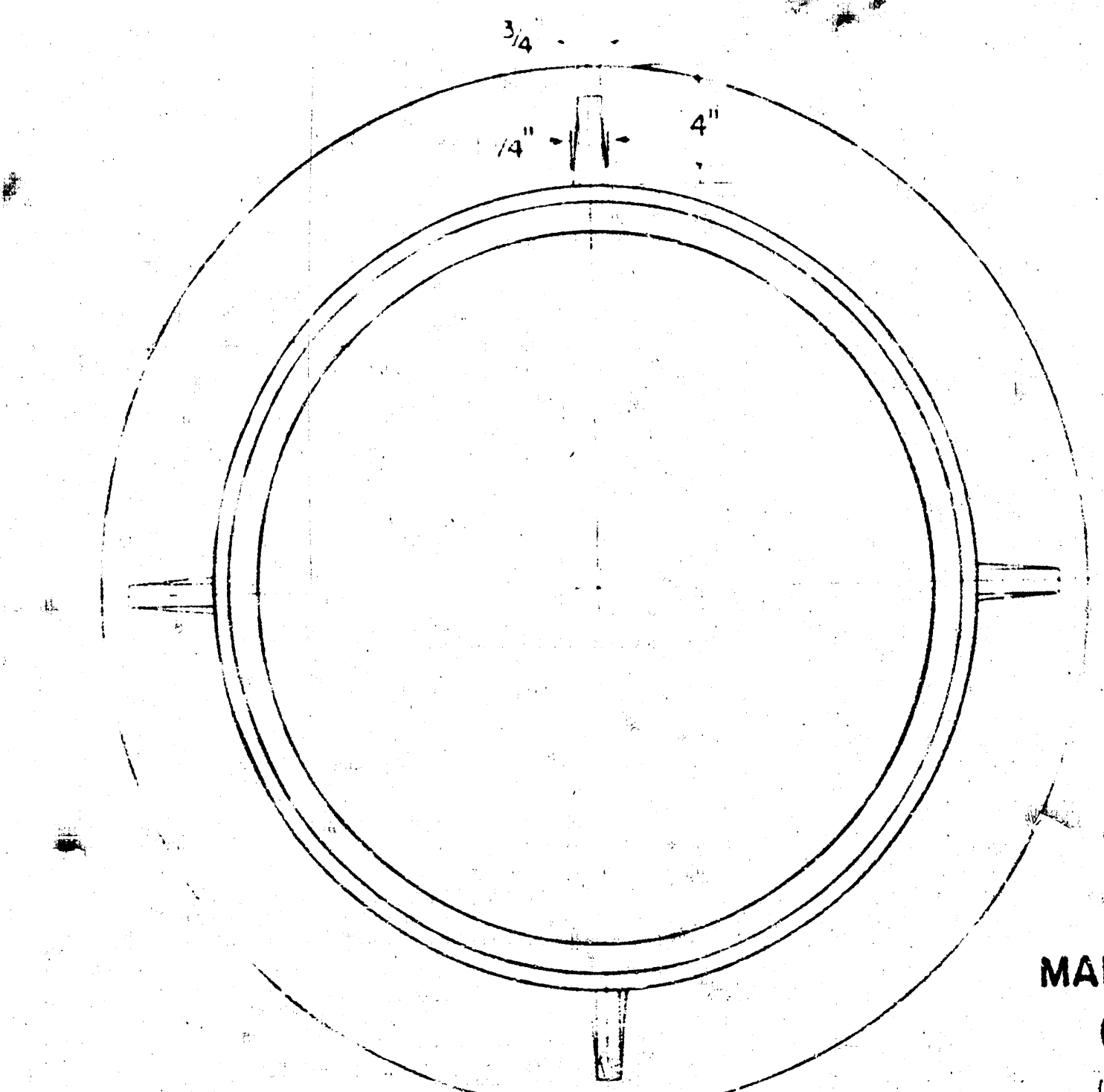
MANHOLE COVER
(SCALE 1" = 6")
WEIGHT = 170 LBS.



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

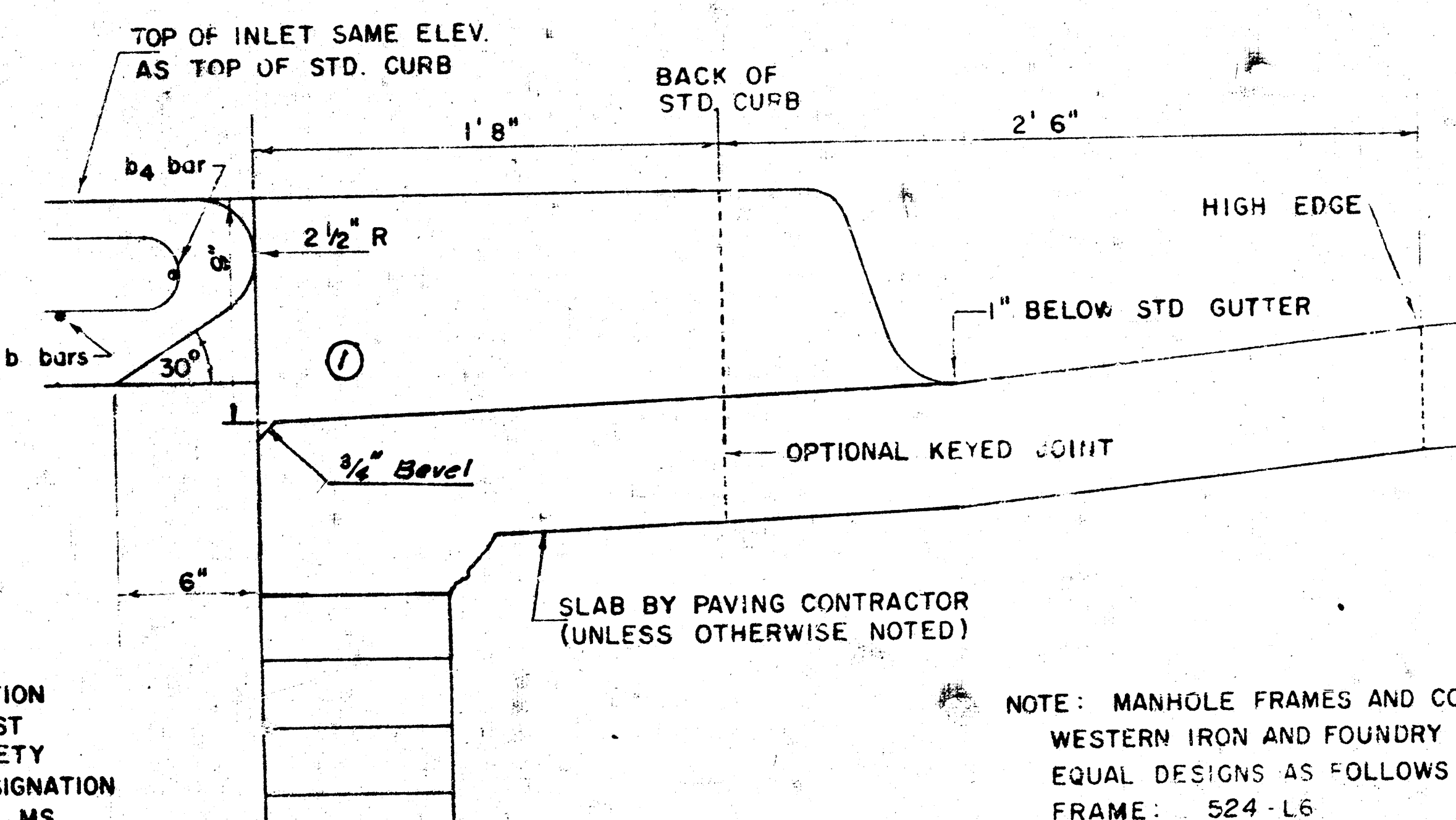


MANHOLE FRAME
(ALTERNATE)
(SCALE 1" = 6")
WEIGHT = 180 LBS.



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-52 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: 524-L6
FRAME (ALTERNATE): 500 A4
COVER: 222 S4 "NOBBY"

DETAIL STANDARD TYPE 1A CURB INLET

CITY OF WICHITA, KANSAS
R.W. BRUGGEMAN, DIRECTOR OF ENGINEERING/
CITY ENGINEER

JUNE, 1981

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