

FROM SOUTH LINE OF 30TH STREET NORTH TO A LINE 1220 FT. SOUTH OF SOUTH LINE OF 33RD STREET NORTH.

CITY OF WICHITA
PROJECT NO. 472 76 245 80947 000 000 002.

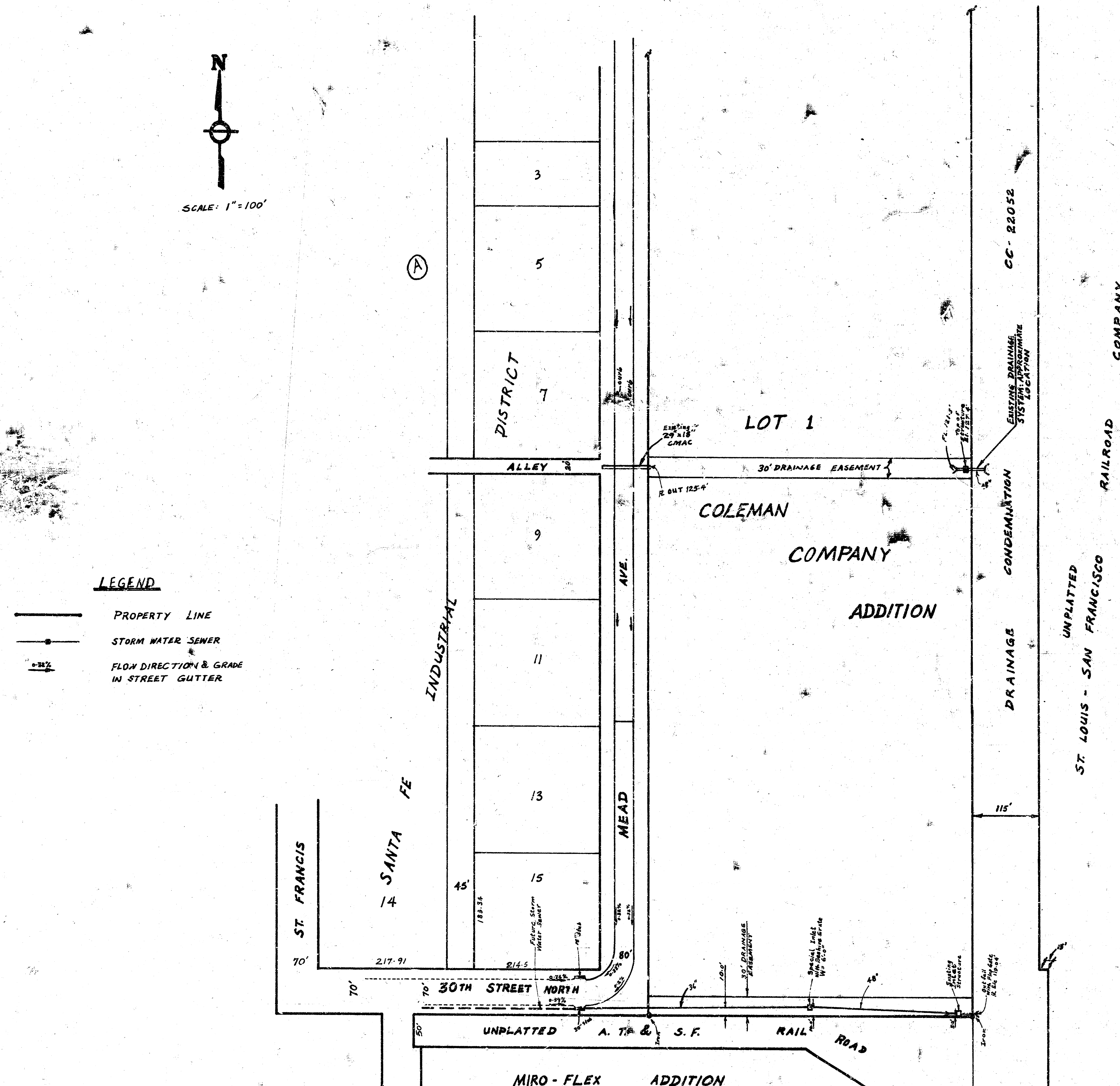
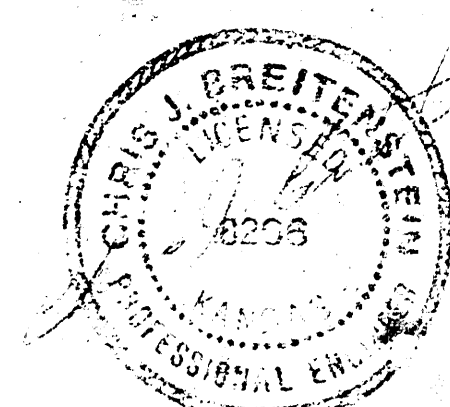
DATE :

GENERAL NOTES

1. FIELD ENGINEER SHALL TAKE TIES TO ALL IRONS AND THIRDS WHICH MAY BE DESTROYED.
2. ALL CONCRETE, UNLESS OTHERWISE NOTED, SHALL BE "6-BACK CONCRETE".
3. FIELD ENGINEER SHALL INSPECT THE CONDITION OF RIPRAP DOWNSTREAM FROM THE EXISTING OUTFALL STRUCTURE BETWEEN STATION NO. 0+30 AND STATION NO. 0+50. IF THE CONDITION IS POOR, THE EXISTING RIPRAP SHALL BE REWORKED WITH ADDITIONAL TYPE 4 RIPRAP AS DIRECTED BY THE FIELD ENGINEER. TYPE 4 RIPRAP IS SPECIFIED IN THE SANITARY AND STORM WATER SEWER BOOKLET.
4. CONTRACTOR SHALL COORDINATE WORK WITH PAVING, SANITARY SEWER AND OTHER UTILITY CONTRACTORS.
5. THE PLANS ARE DRAWN WITH SUFFICIENT INFORMATION ABOUT THE LOCATION OF THE CURB INLETS; HOWEVER, PAVING PLANS OF HEAD AVENUE (IF READY AT THE TIME OF CONSTRUCTING THE PROJECT) MAY BE REFERRED TO FOR THE CURB INLET LOCATIONS.
6. THE FIELD ENGINEER SHALL CAREFULLY INSPECT THE CONSTRUCTION OF THE SGALE BETWEEN STATION NO. 0+30 AND STATION NO. 0+60. THE SGALE SHOULD BE SUFFICIENTLY DEEP SO IT WILL NOT SALT UP AND FILL IN A SHORT PERIOD OF TIME. CAREFUL INSPECTION SHALL BE MADE TO ENSURE THAT PROPER SEEDING OF THIS SGALE IS PERFORMED.
7. A PRIVATE STORM WATER SEWER CONNECTION IS TO BE MADE AT THE INLET AT STATION 2+52. FIELD ENGINEER SHALL ENSURE PROPER CONNECTION OF THIS PRIVATE STORM SEWER SERVING THE NEW COLEMAN COMPANY BUILDING.

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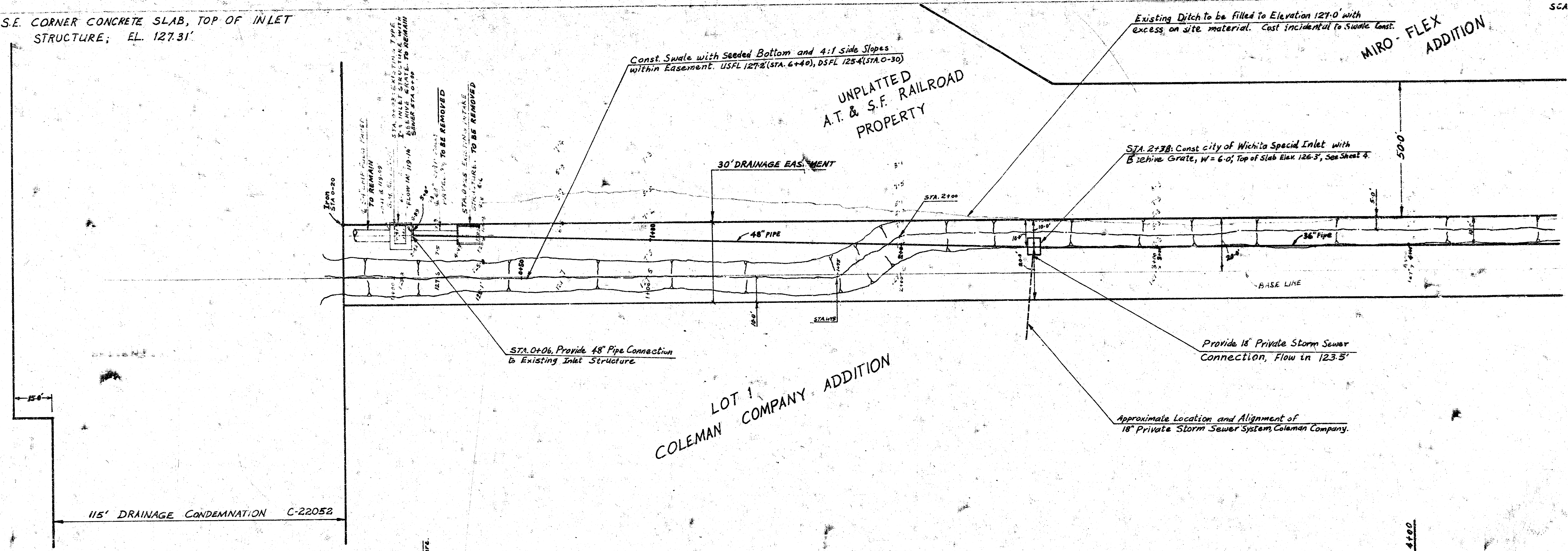
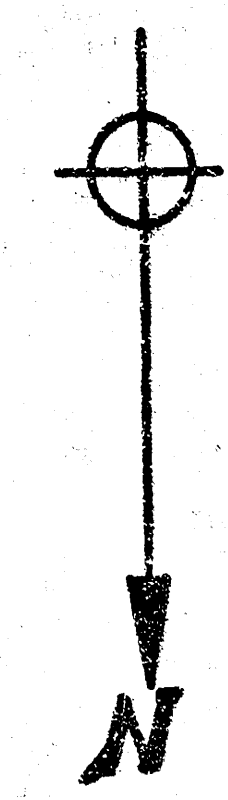
- SHEET 1. COVER SHEET.
- 2&3. PLAN AND PROFILE, STORM SEWER.
4. SPECIAL INLET WITH BEEHIVE GRATE DETAIL.
5. CITY OF WIGNITA STD. TYPE I-A CURB INLET DETAIL.



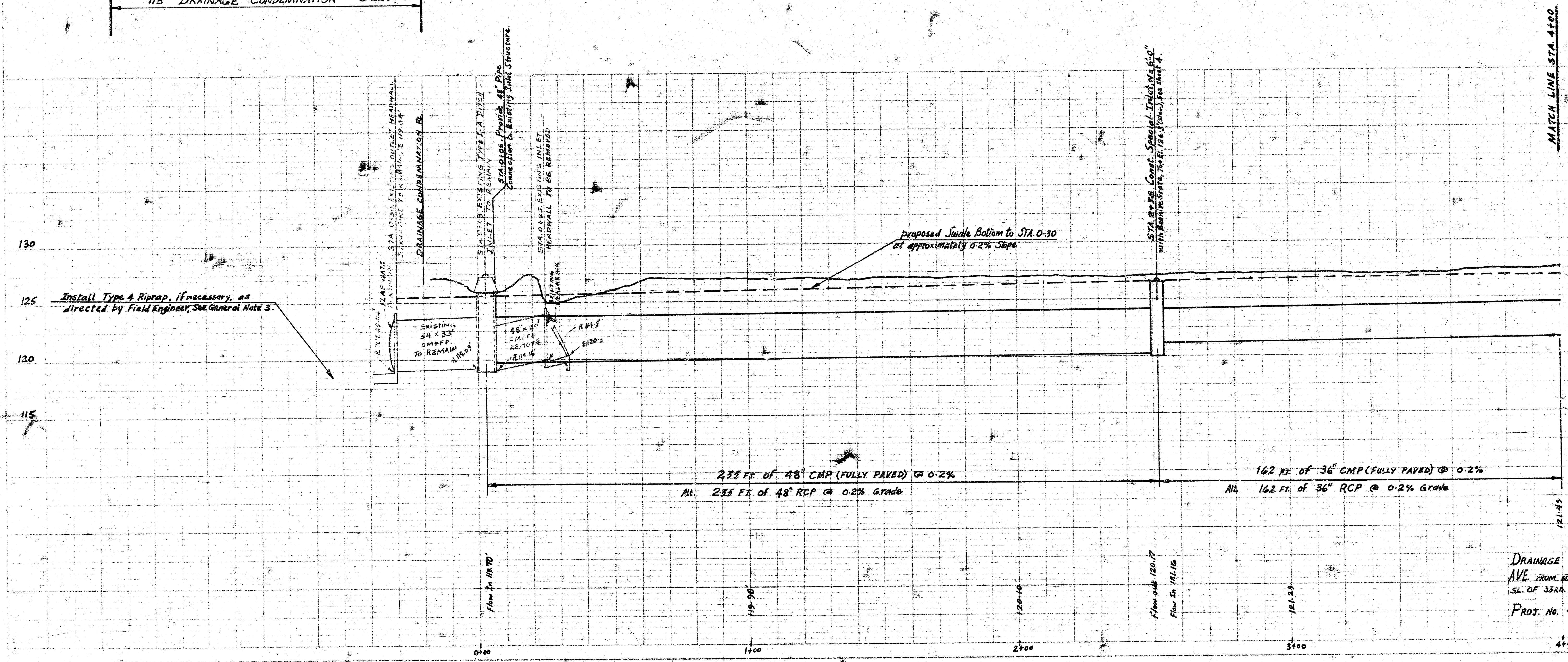
PLAN SHEET
K. WHITCOMB
X. D. DESAI
K.W.3

B.M. S.E. CORNER CONCRETE SLAB, TOP OF INLET
STRUCTURE; EL. 127.31'

SCALE: HOR. 1" = 20'
VERT. 1" = 5'



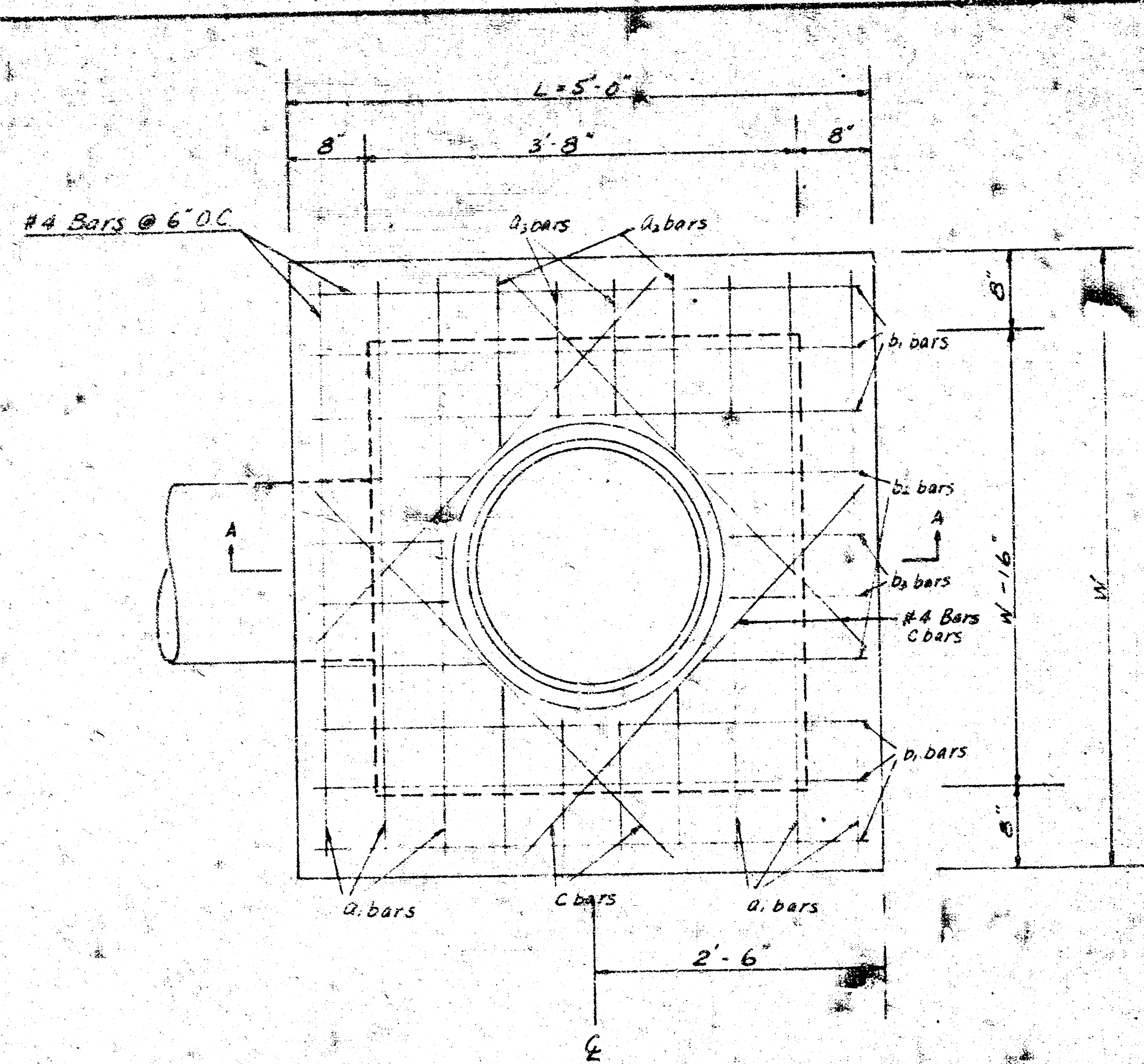
PLAN SHEET
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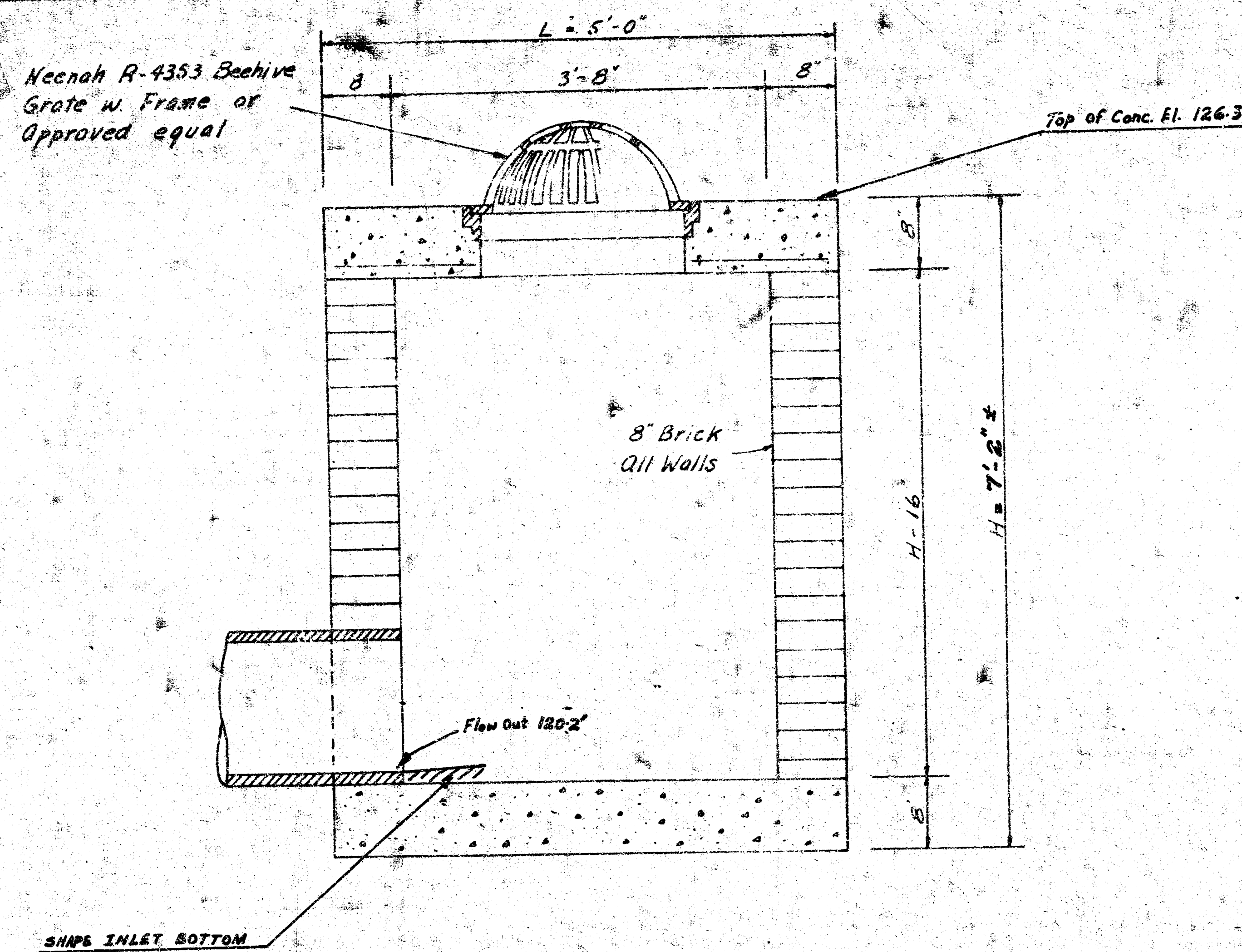
SHEET No. 2/5

DRAINAGE IN CONNECTION WITH PAVING MEAD
AVE. FROM N.E. OF 30TH ST. & N. TO A LINE 1220' S. OF
SL. OF 33RD ST. N.
PROJ. No. 472-76-245-80947-000-000-002.

PLATE 1 PLAN AND PROFILE
NOTES: 1. ALL DIMENSIONS ARE IN FEET AND INCHES.
2. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.



PLAN
(SCALE 1" = 1'0")

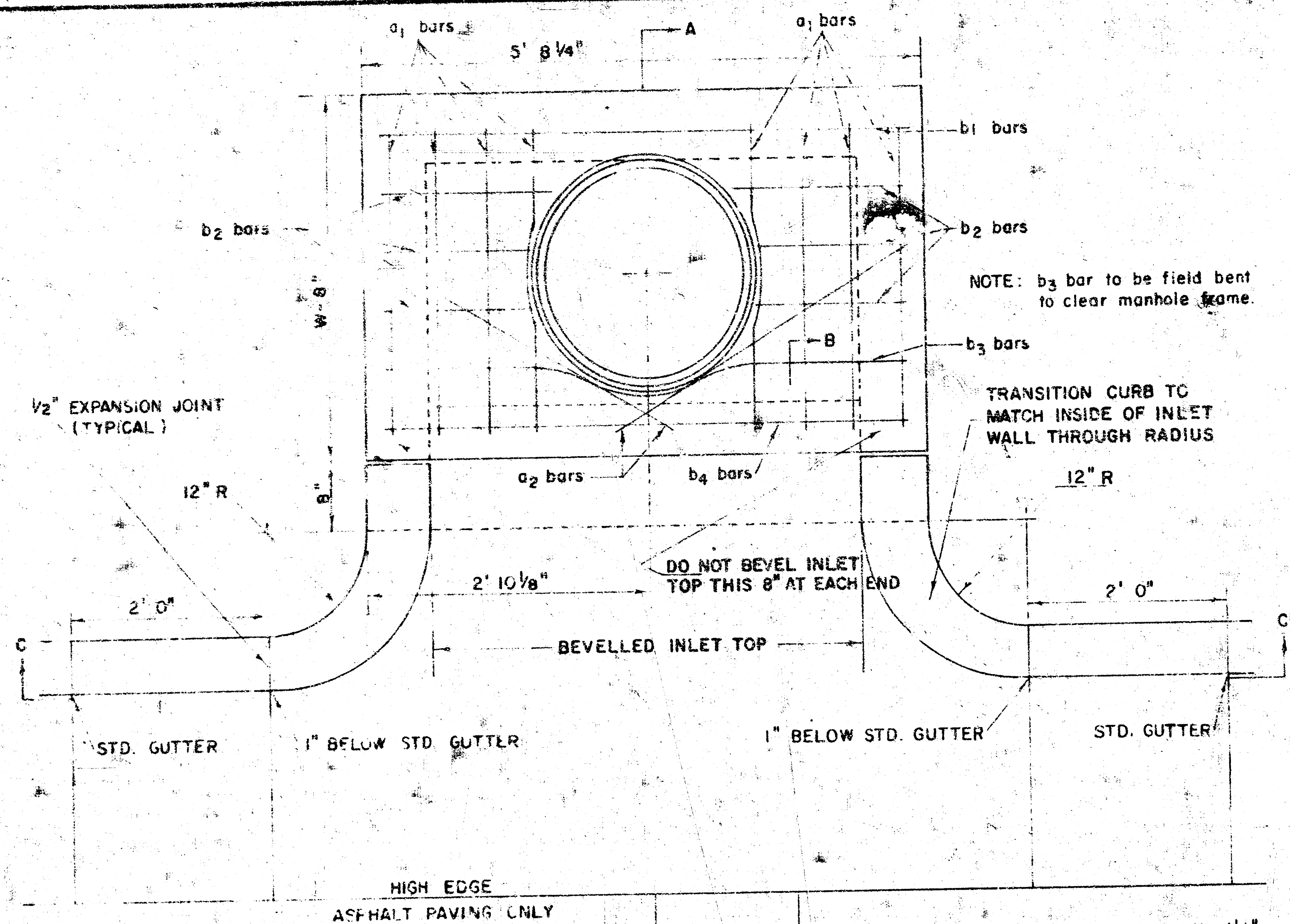


SECTION A-A
(SCALE 1" = 1'0")

STEEL SCHEDULE

BAR	a ₁	a ₂	a ₃	b ₁ W-5'0" W-6'0"	b ₂	b ₃	C	WT LBS	PIPE SIZE	Cu. Yd CONC	
NUMBER	6	4	4	6	8	4	4				
SIZE	#4	#4	#4	#4	#4	#4	#4				
LENGTH	W-5'0"	4'8"	1'6"	1'1"	4'8"	1'6"	1'1"	63	24"	1.19	
	W-6'0"	5'8"	2'0"	1'7"	-	4'8"	1'6"	1'1"	4'10"	77	36.42

DETAILS OF
SPECIAL INLET WITH BEEHIVE GRATE
CITY OF WICHITA, KANSAS
DRAINAGE IN CONNECTION WITH PAVING MEAD AVENUE FROM
SOUTH LINE OF 30th STREET NORTH TO A LINE 125.0' SOUTH OF SOUTH LINE OF 33rd STREET N.
PROJECT NO. 472 76 245 80947 000 000 002 **4/5**



PLAN (SCALE 1" = 1' 0")

STEEL SCHEDULE

BAR	a ₁	a ₂	b ₁	b ₂	b ₃	b ₄	WT. LBS.
NUMBER	8	2	1	3	5	7	
SIZE	#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"	6'4"	5'5"	-	-	-	111*
W=8'0"	12'1"	7'4"	5'5"	-	-	-	124*

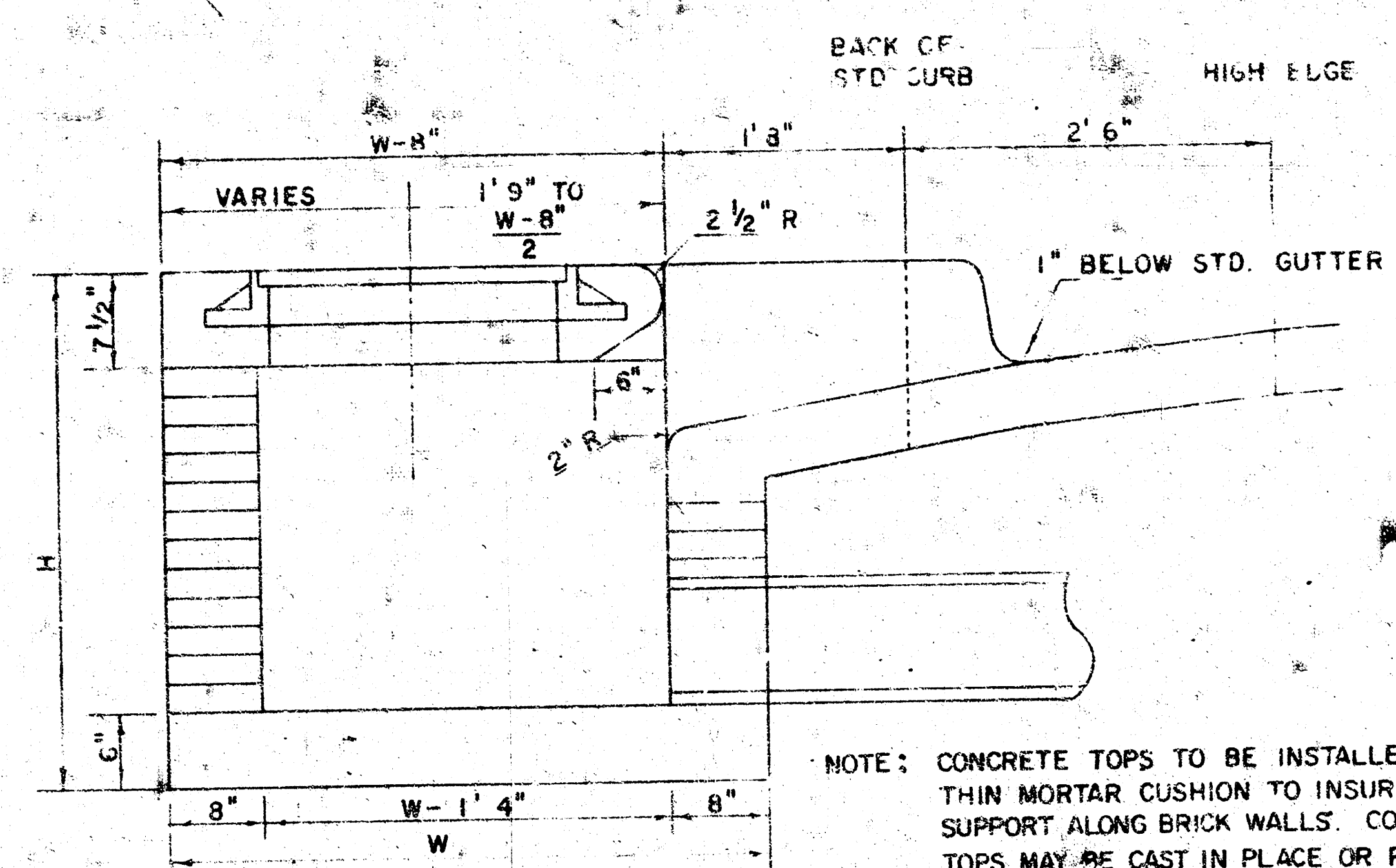
* NOTE: a₂ BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

BENDING DIAGRAM

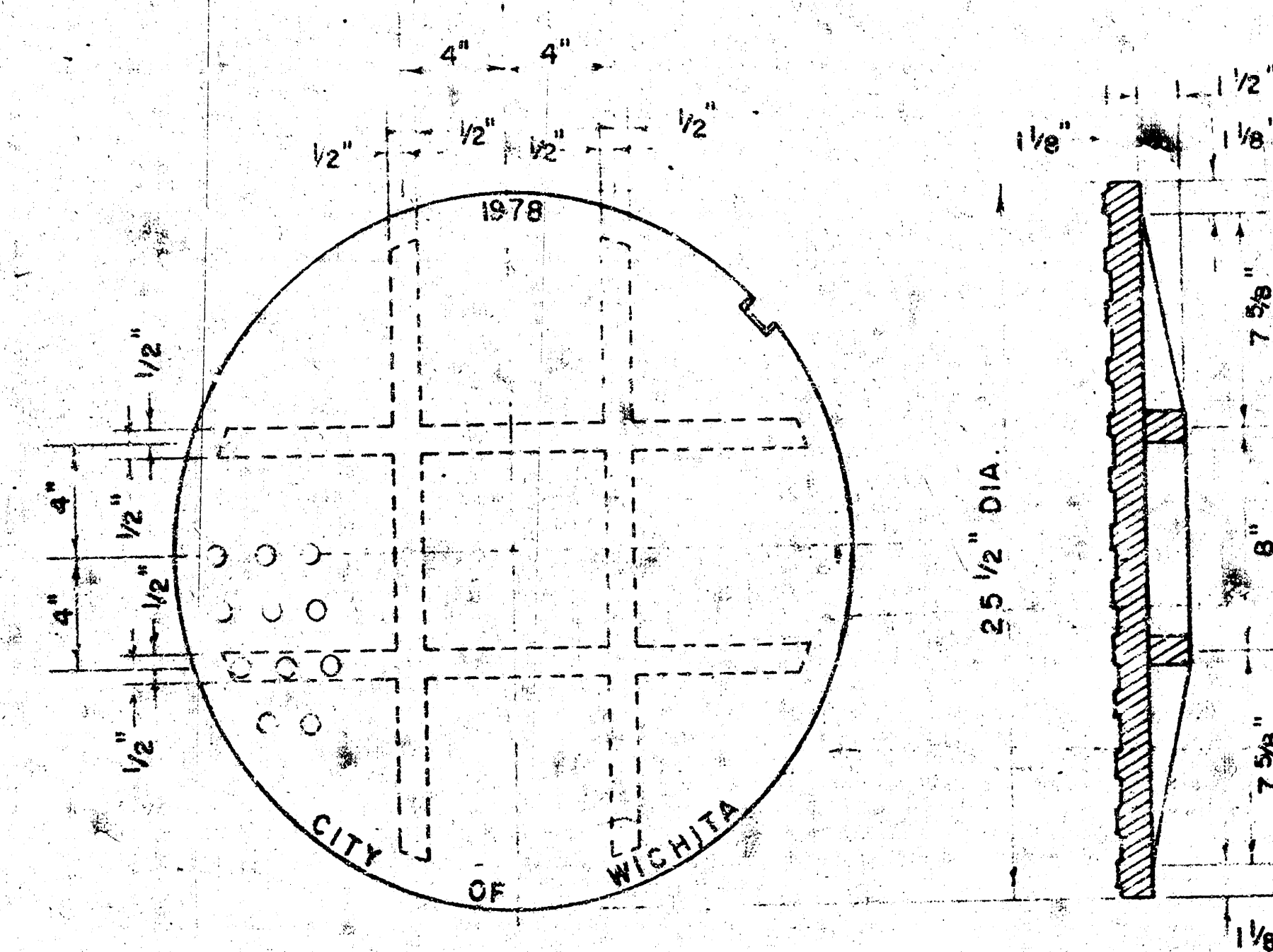
STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 2"	36"x5'8 1/4"x7 1/2"	21" & SMALLER	0.46 *
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 *

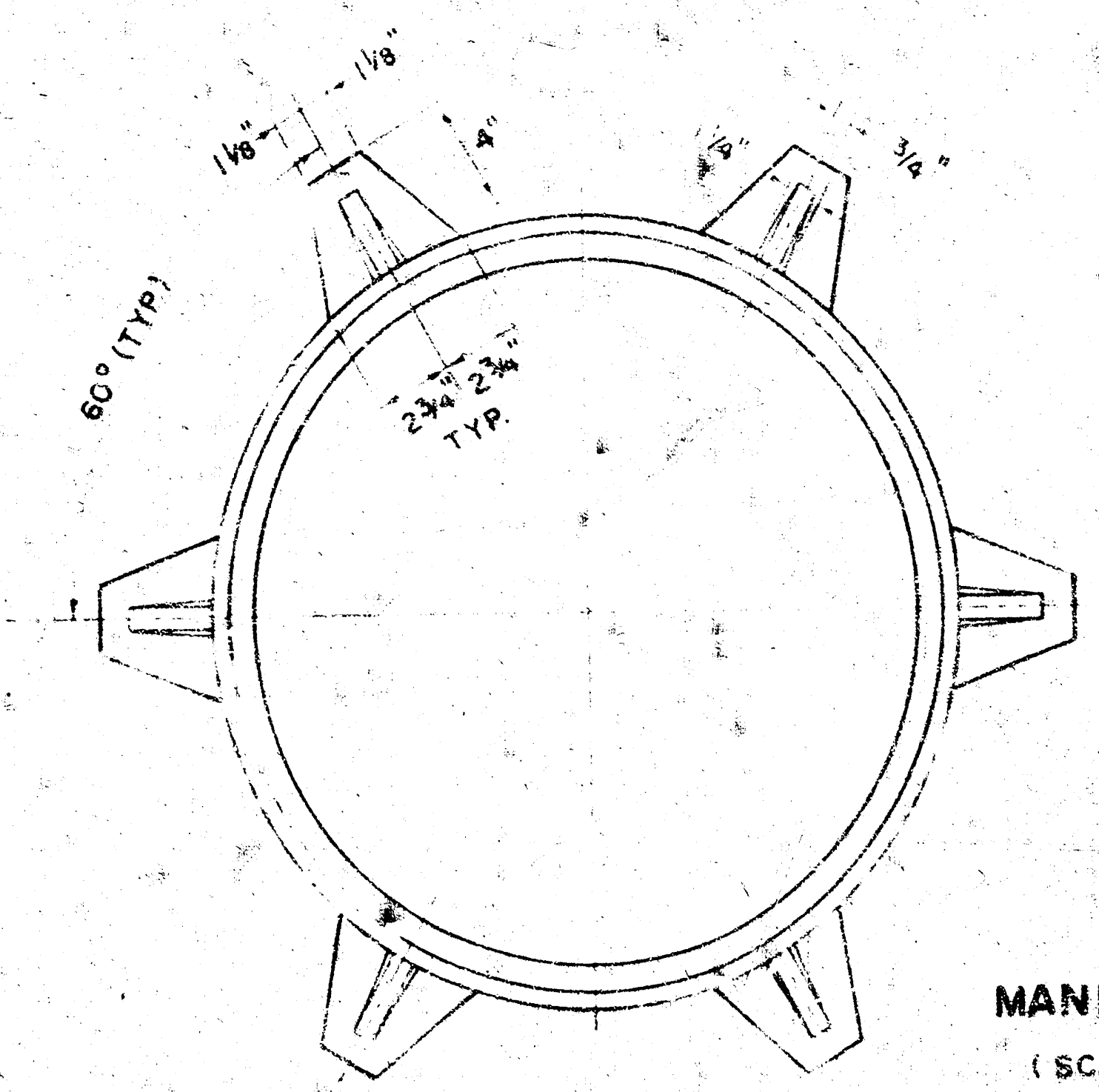
* GROSS VOLUME



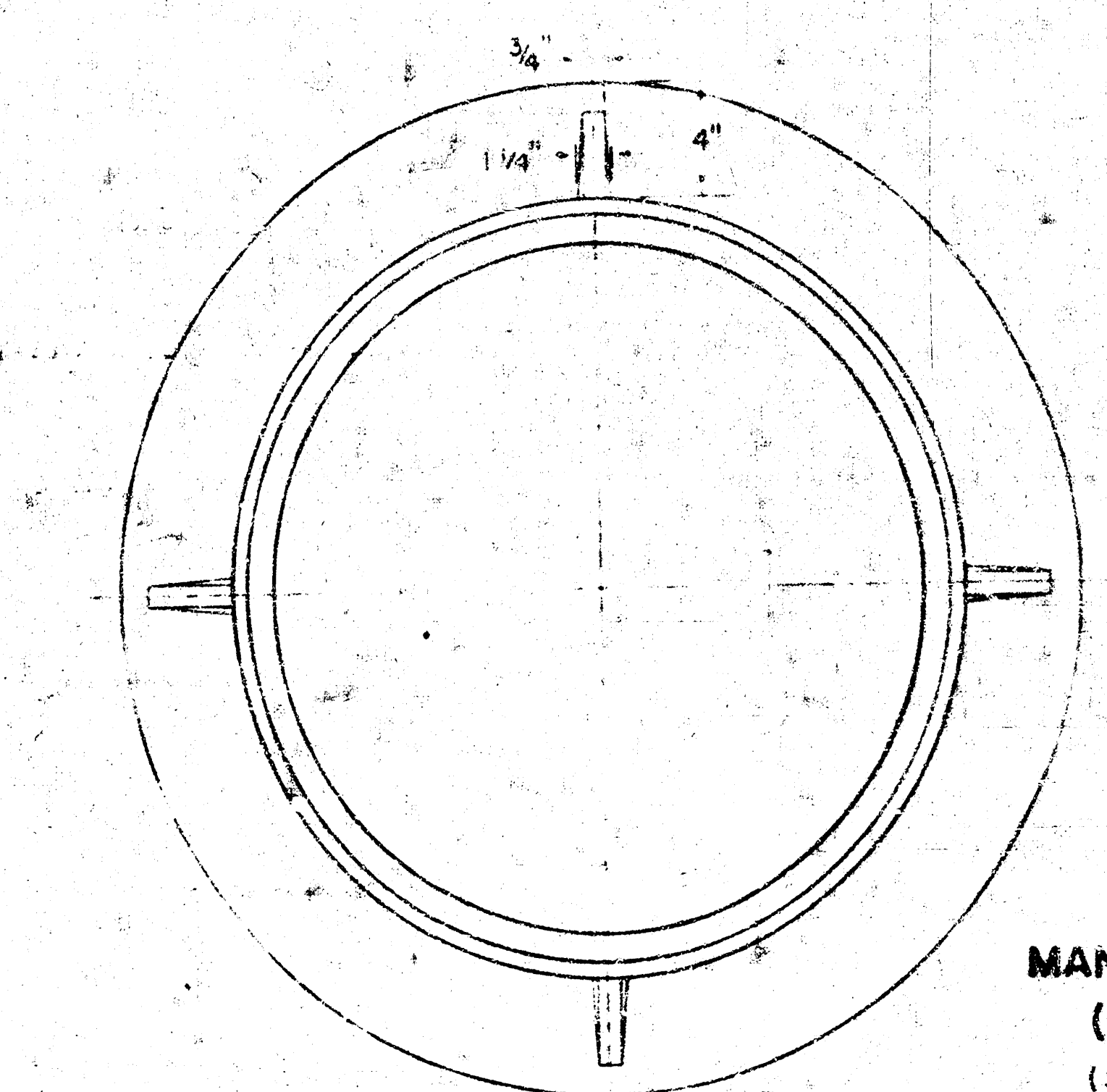
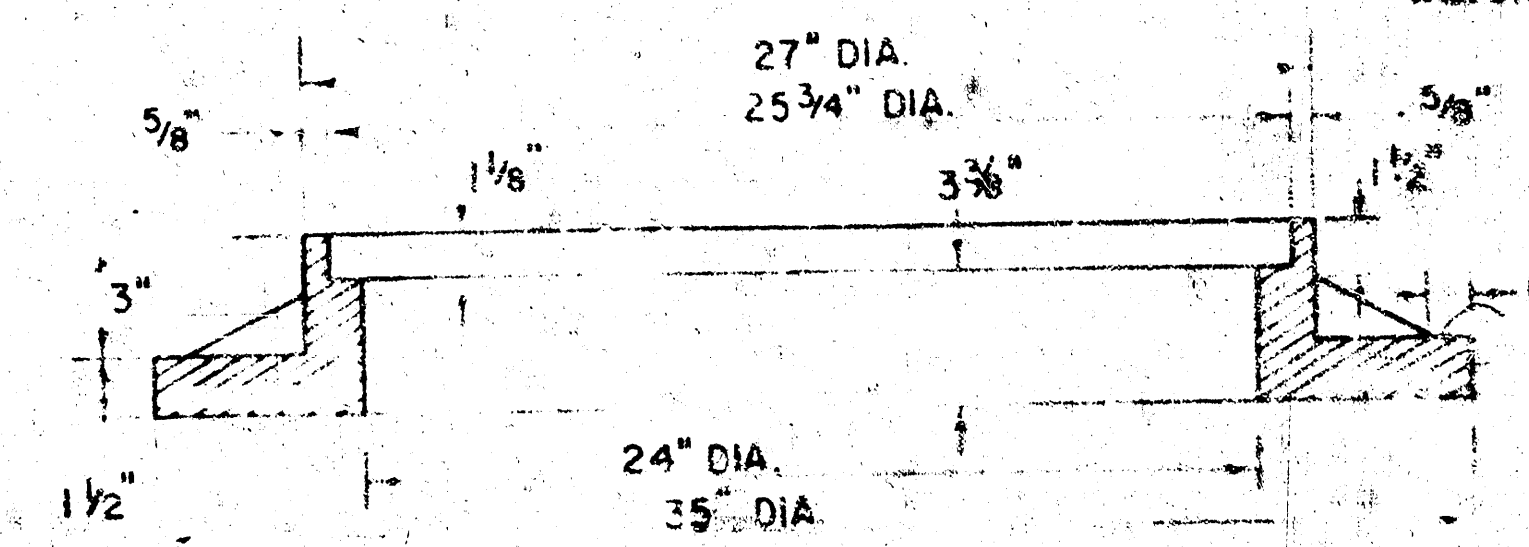
SECTION A-A (SCALE 1" = 1' 0")



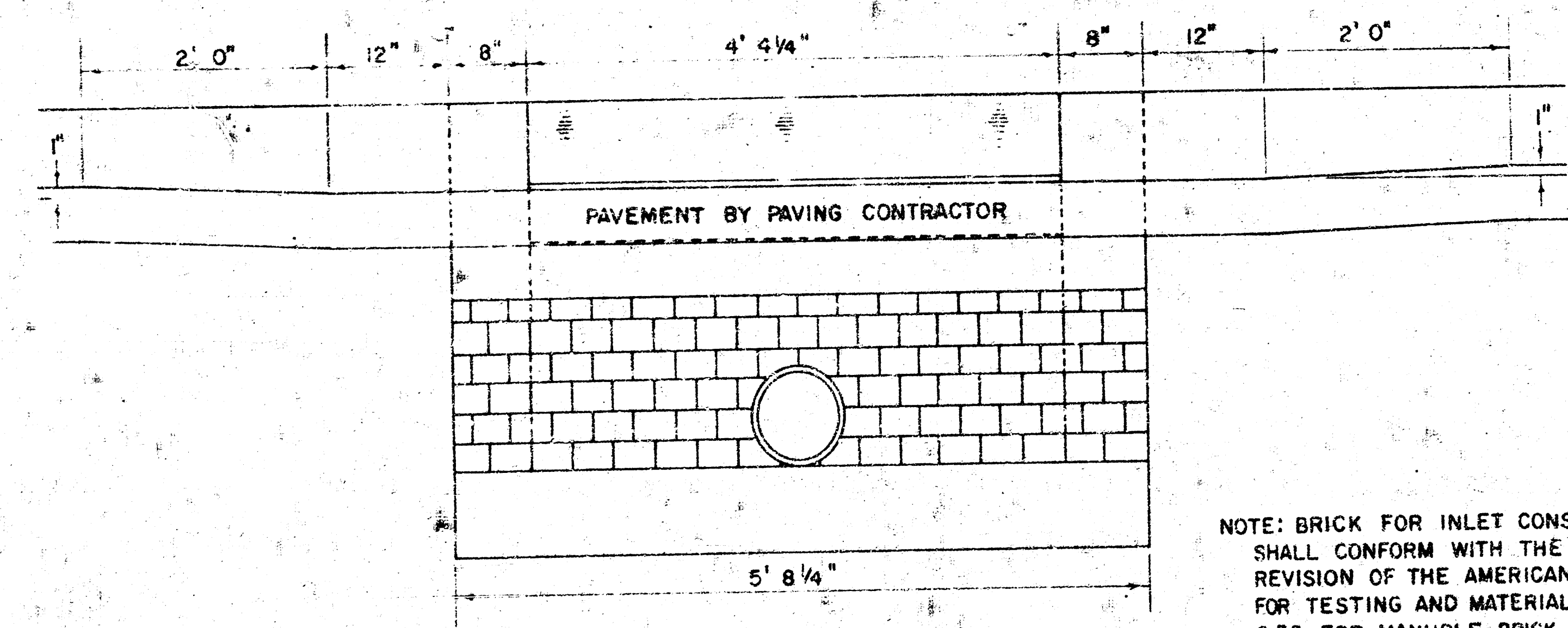
MANHOLE COVER (SCALE 1" = 6") WEIGHT = 170 LBS.



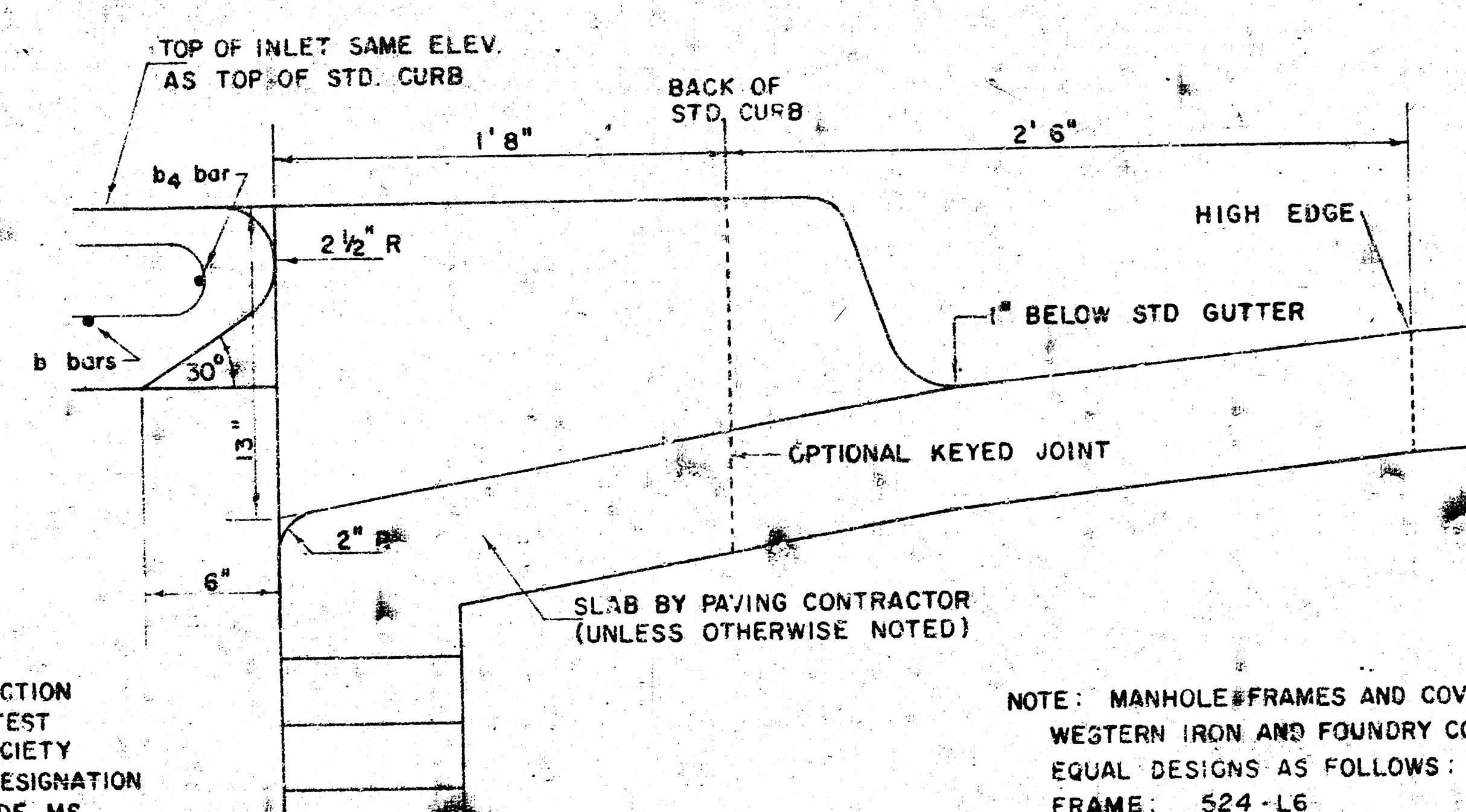
MANHOLE FRAME (SCALE 1" = 6") WEIGHT = 180 LBS.



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



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



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. LINN - CITY ENGINEER
OCTOBER 1978