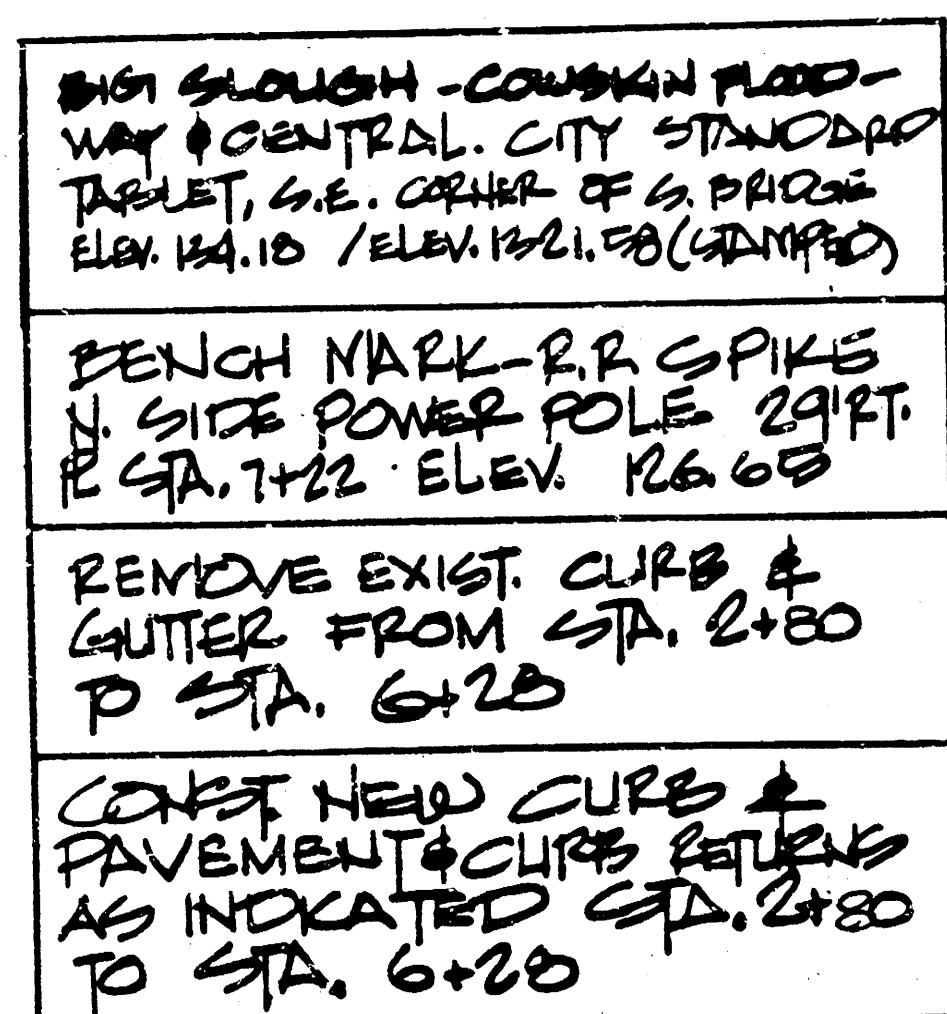
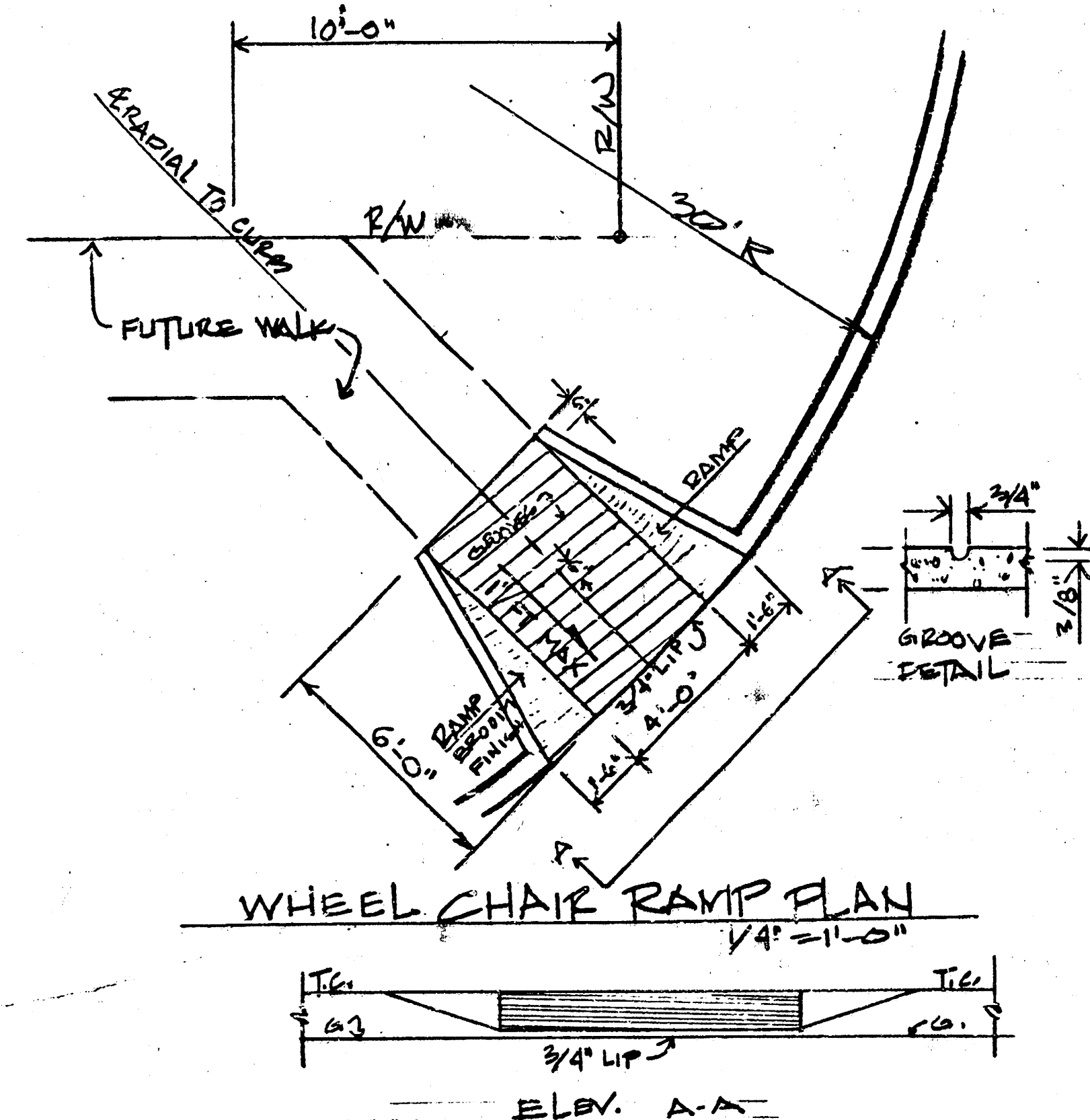
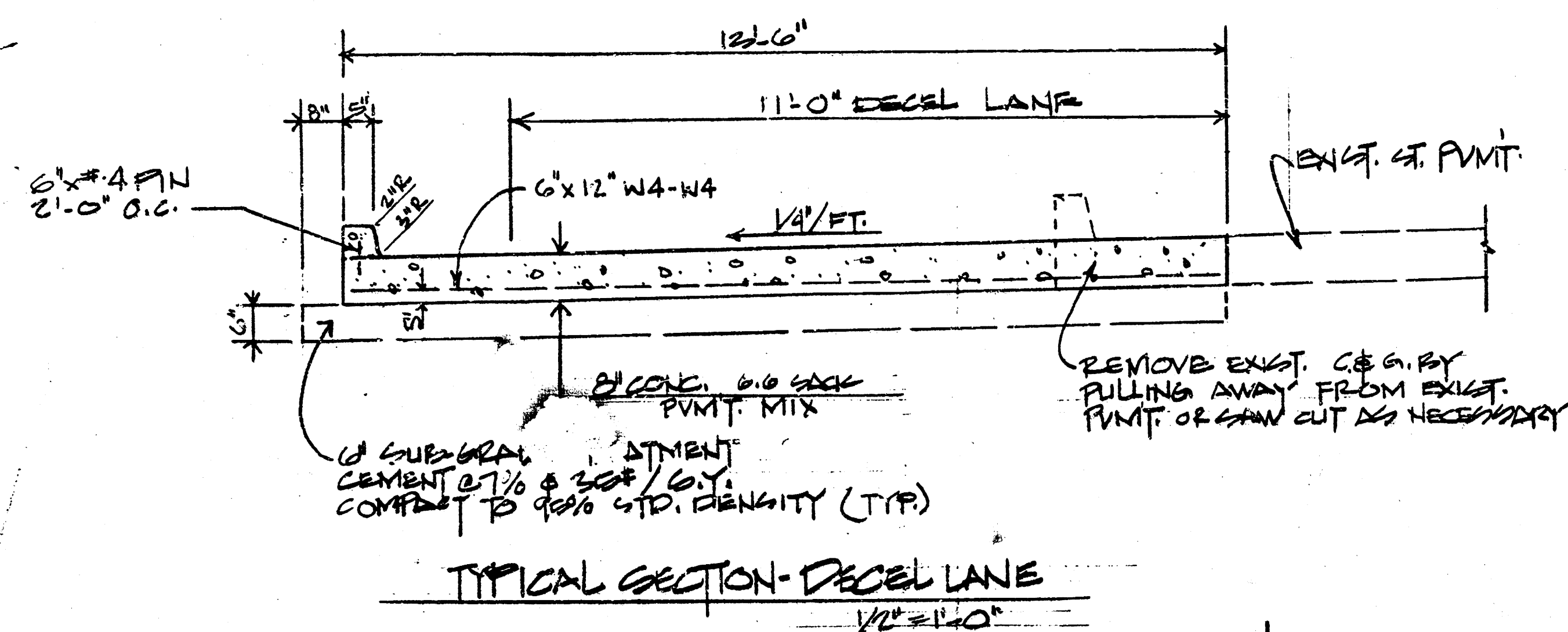
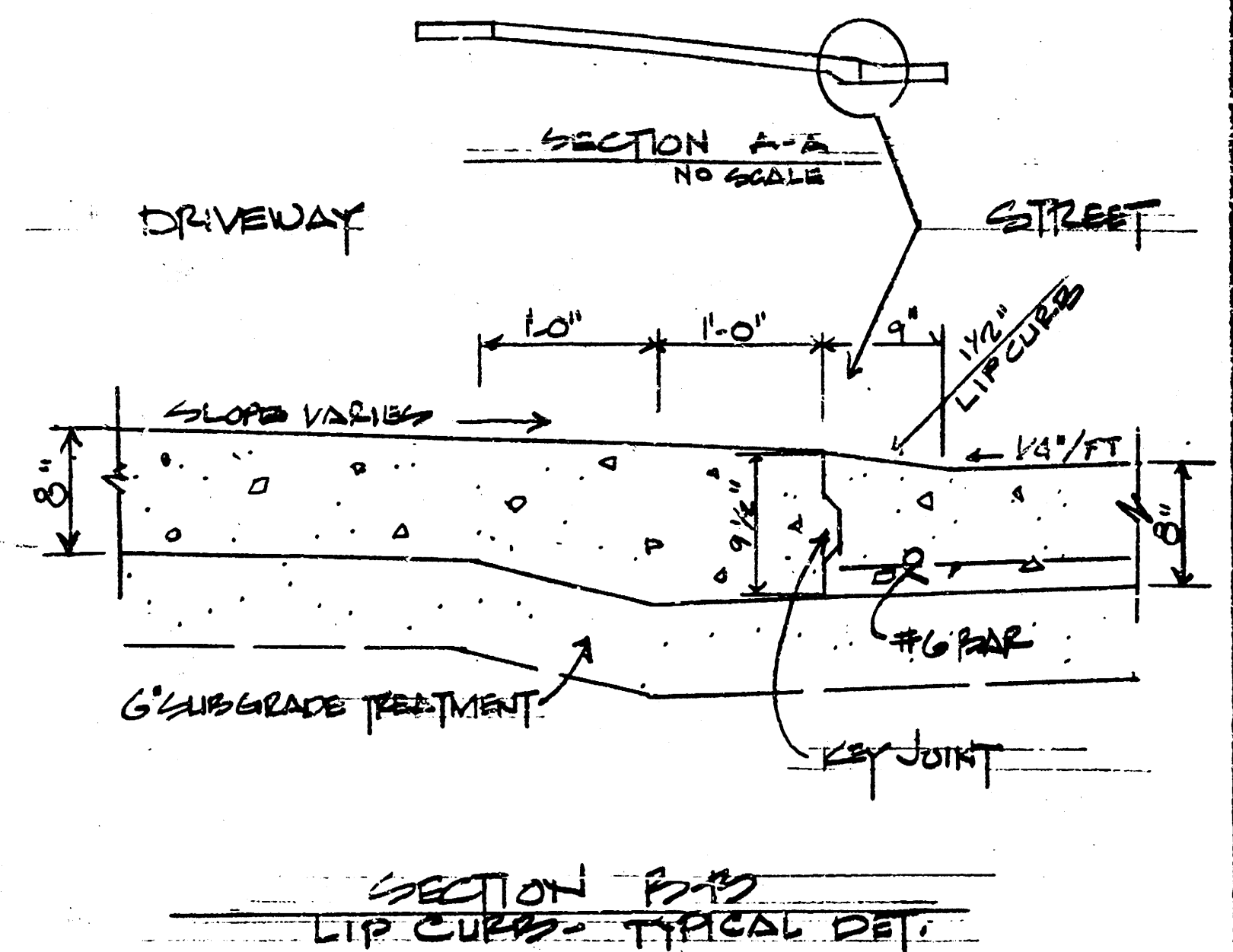
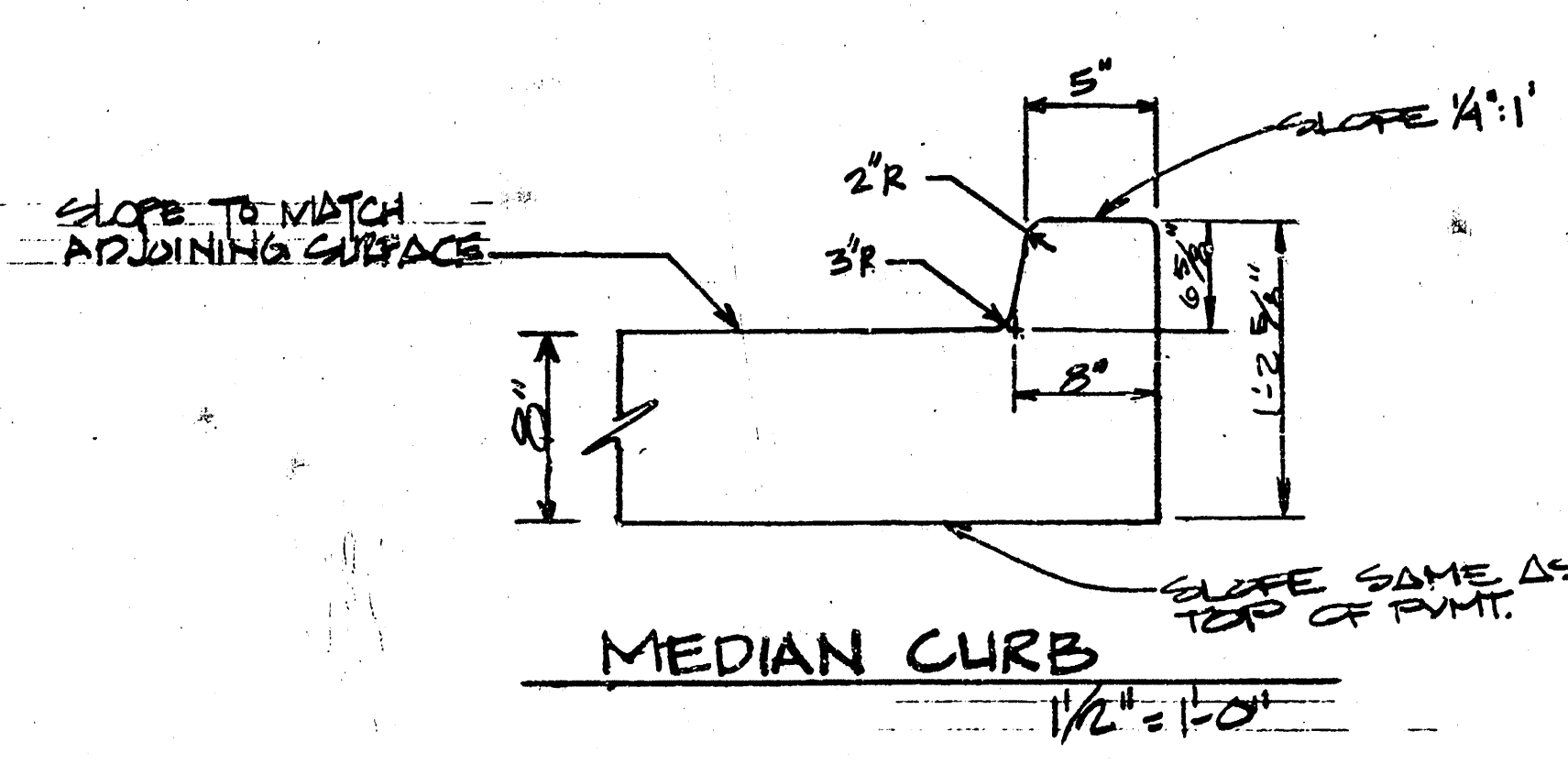
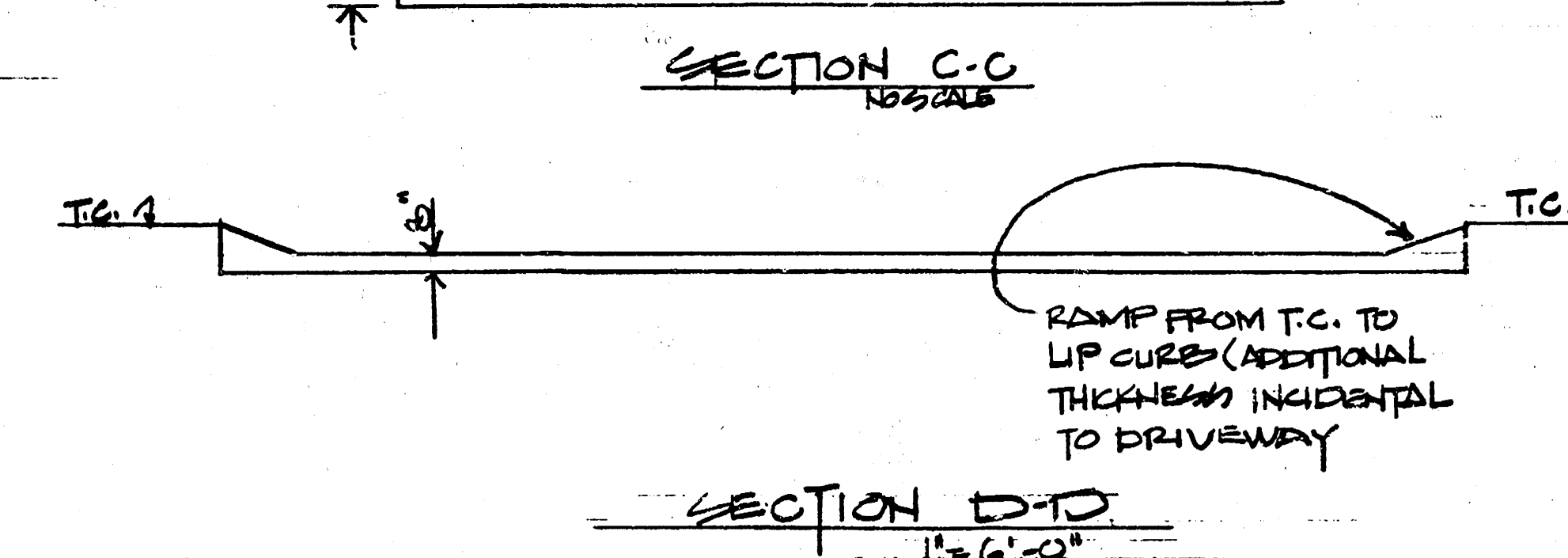
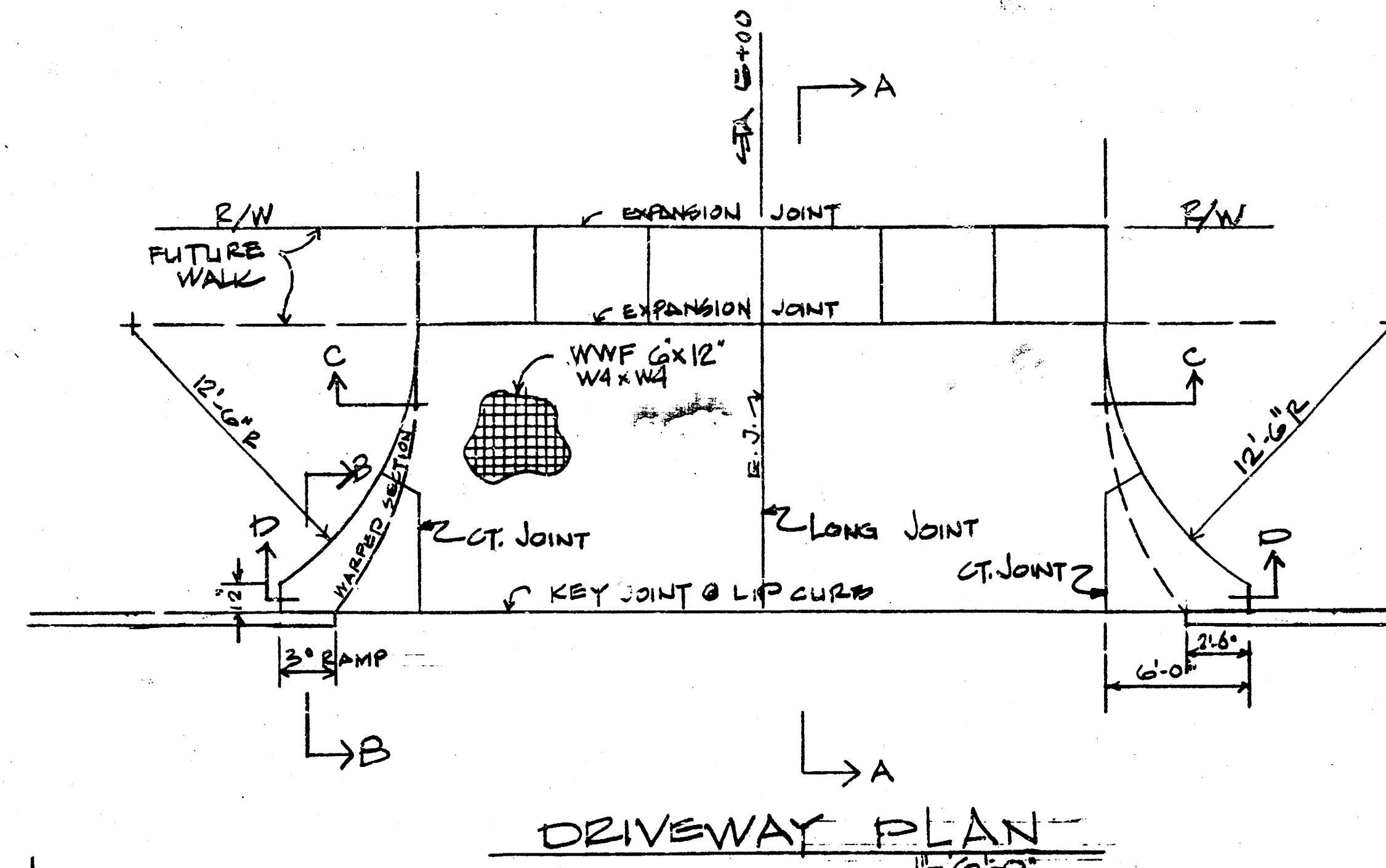


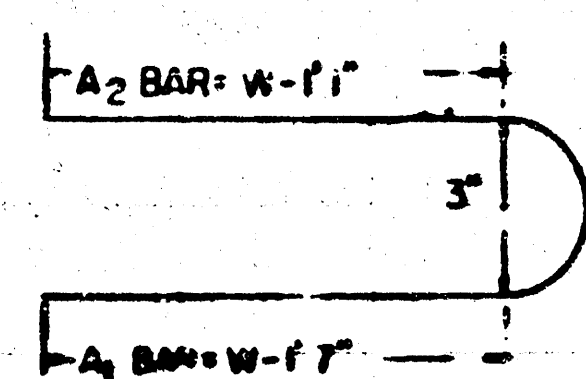
				PROJECT NO. 472-76-245-00000-000-000-00	
				CITY OF WICHITA , KANSAS	
				<i>ALC. YOUNG & ASSOCIATES</i>	
				OF FEE SHEET BOLR FORMA DULIA OLA ATRIO : 218 / 222 - 21	
REVISION	BY	DATE	PLAN SCALE	DRAWN C. PROCTOR	APPROVED:
			"=20'	DESIGNED JAT	
			PROFILE SCALE	PAVEMENT JOINTING	
			HORIZONTAL:	PLAN	
			" =		
			VERTICAL:	RECOMMENDED	
			" =	ENGINEERING DIRECTOR	
			FILE:4118	DRAWING:	DATE:
			ATLAS PAGE NO:	SHEET 2 OF 6 SHEETS	



NOTES: ALL CONC. P.V.M.T. WITHIN R.O.W. TO BE 8" THICK



PROJECT NO.		472-76-245-8000-000-000-00
CITY OF WICHITA, KANSAS		
R.L. HILG & ASSOCIATES		
FOR TITLING OF		
REVISION		DATE
BY		DATE
TJG		
DESIGNED		TJG
CHECKED		SILVER SPRING
DETAILS		
RECOMMENDED		
FILE NO.		4110
DATE		3-16-83

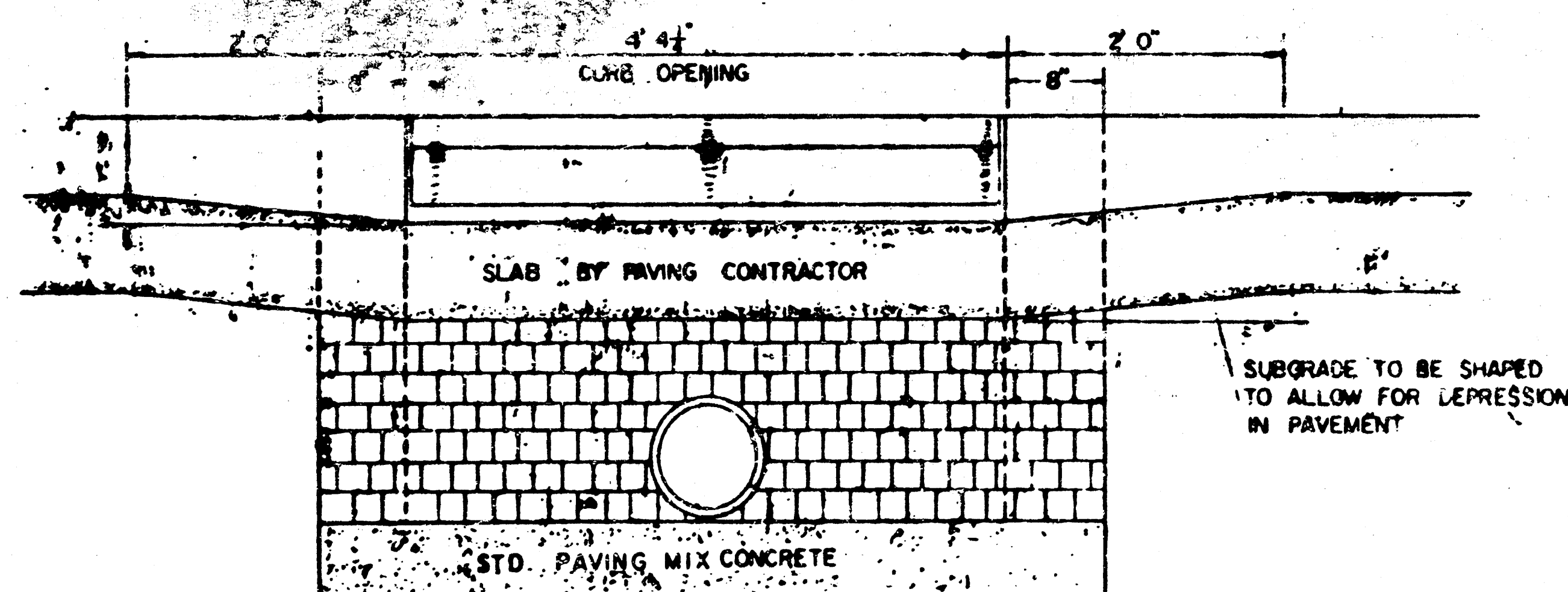


PLAN
SCALE 1"=10'

HEAVY STEEL "O" BE PLACED ON 6" CTR'S

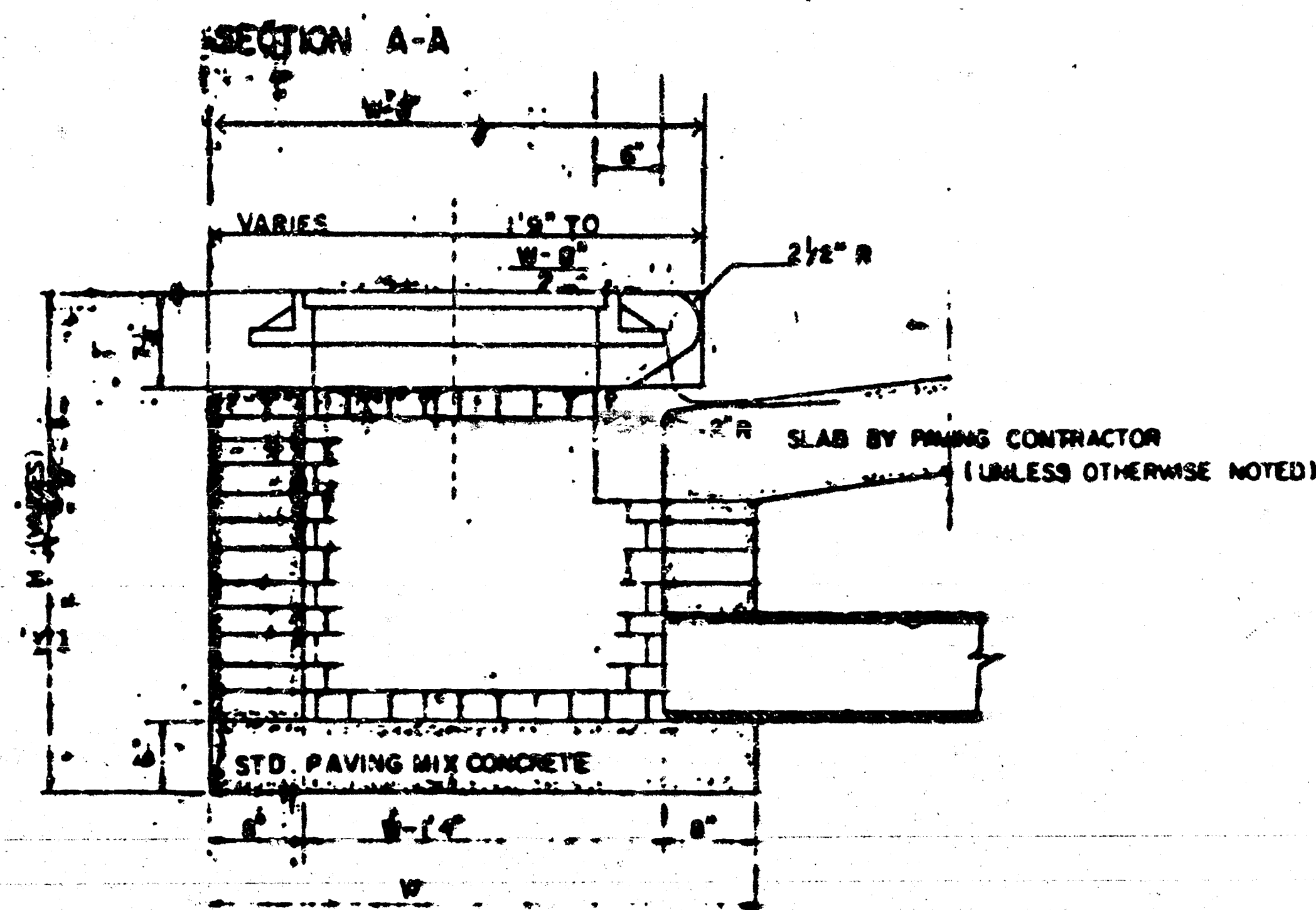
BAR		a ₁	a ₂	a ₃	b			b ₁	b ₂	b ₃	Wt Lbs
SIZE		4	4	4	4	4	4	4	4	4	6
NUMBER		4	4	2	3	5	6				
LENGTH	W: 4' 2"	5' 5"	6' 5"	3'	5' 5"	-	-	1'	5' 6"	4' 0"	6' 0"
	W: 5' 2"	7' 1"	3' 1"	4'	5' 5"	-	1'	5' 6"	4' 0"	7' 7"	
	W: 6' 0"	8' 1"	10' 1"	5'	-	-	5' 5"	1'	5' 6"	4' 0"	9' 7"

*NOTE: TO BE APPROXIMATELY 2' BELOW TOP OF HULL COVER



SECTION C-C
SCALE 1"=10'

BRICK FOR INLET CONSTRUCTION SHALL
CONFORM WITH THE LATEST REVISION OF
THE AMERICAN SOCIETY FOR TESTING AND
MATERIALS DESIGNATION C32 FOR MANHOLE
BRICK GRADE MS

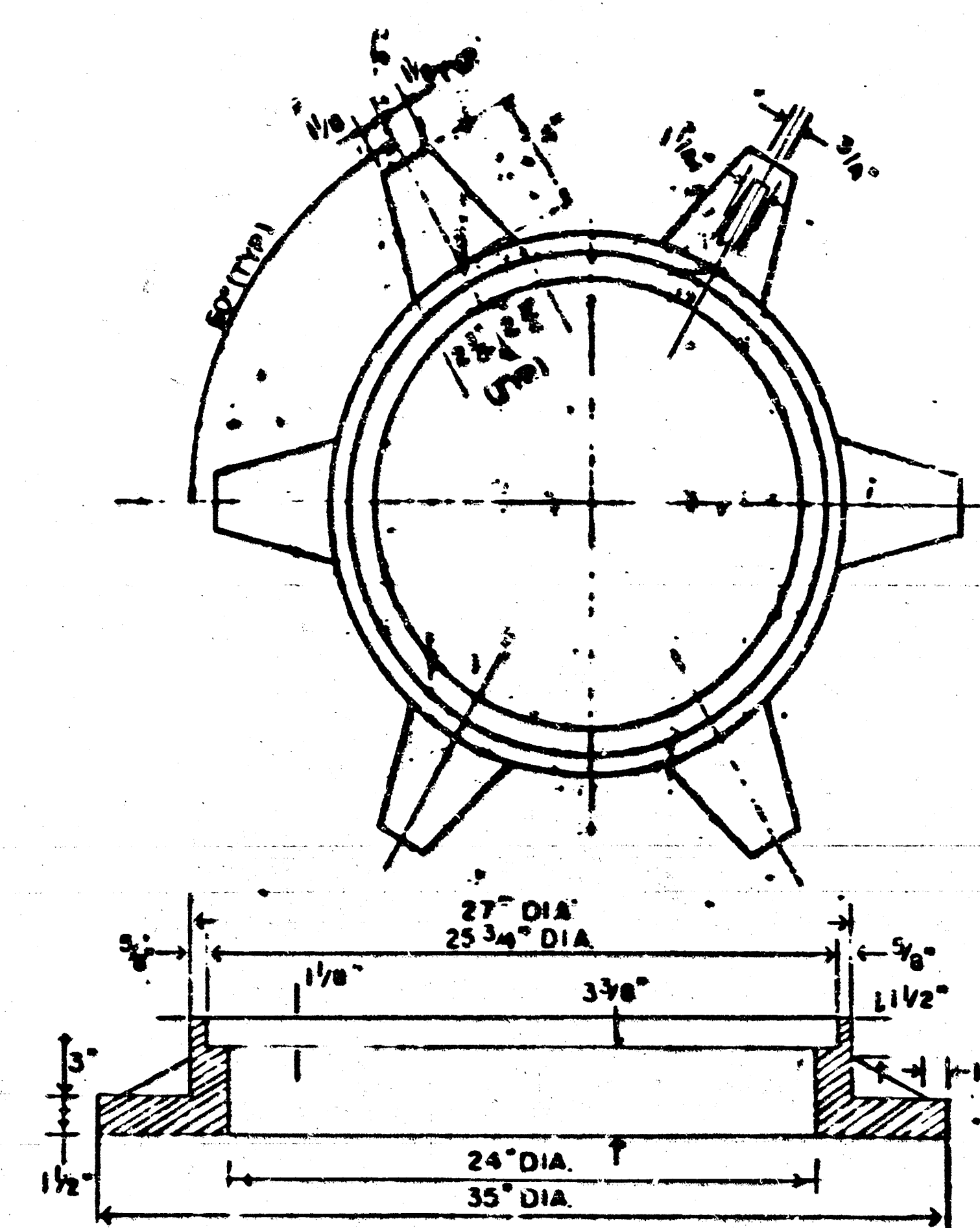
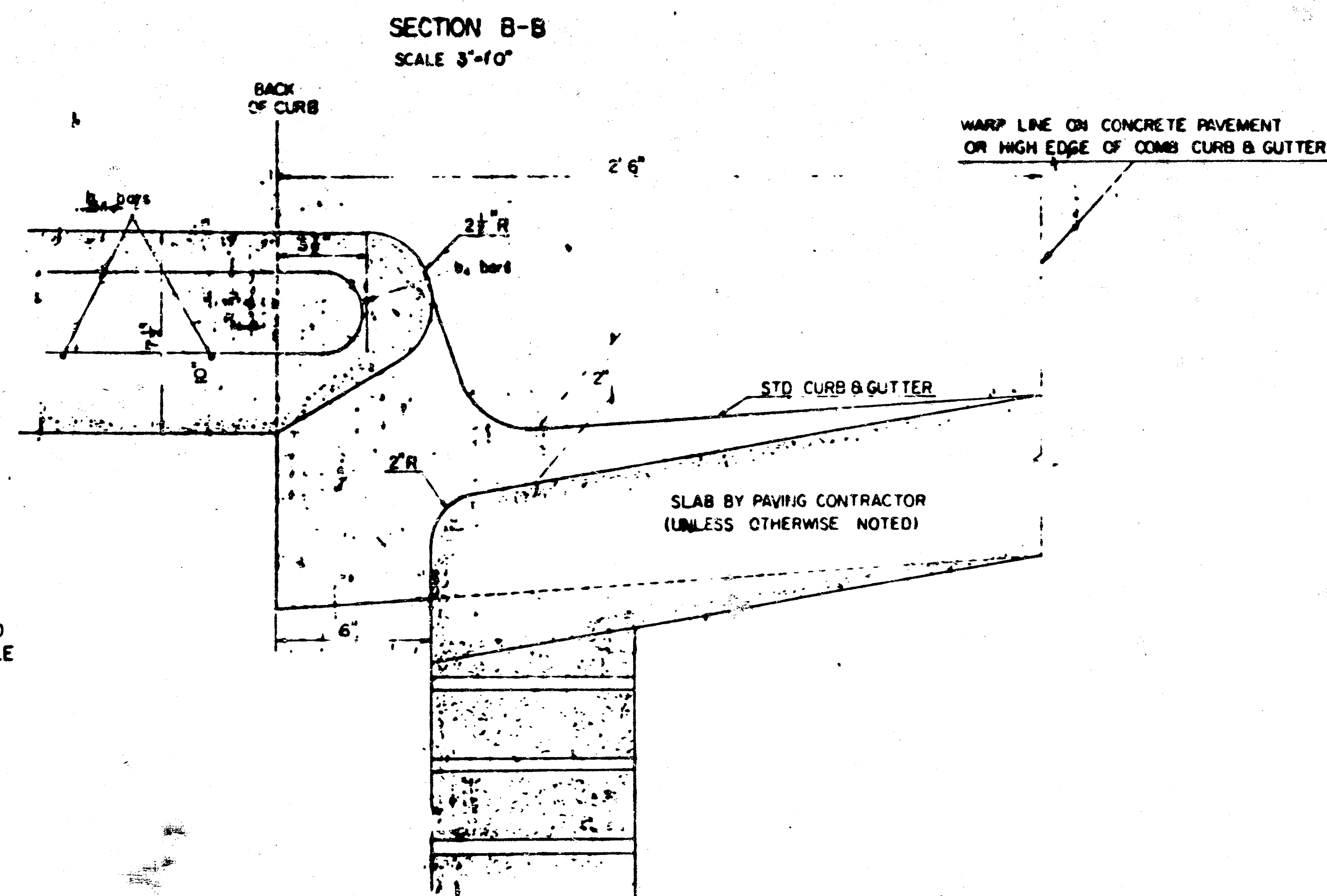


SECTION A-A
SCALE 5" = 1' 0"

STD CURB INLET CONCRETE TOP			
W	SIZE	PIPE SIZE	CL TO CORNER
4'2"	36" X 54" X 7"	24" B SMALLER	0.46"
5'0"	44" X 58" X 7"	30" B 36"	0.57"
6'0"	54" X 58" X 7"	42" B 48"	0.71"

GROSS VOLUME

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 FOR WALK TOPS AND
FLOORS SHALL BE STD PAVING MIX.



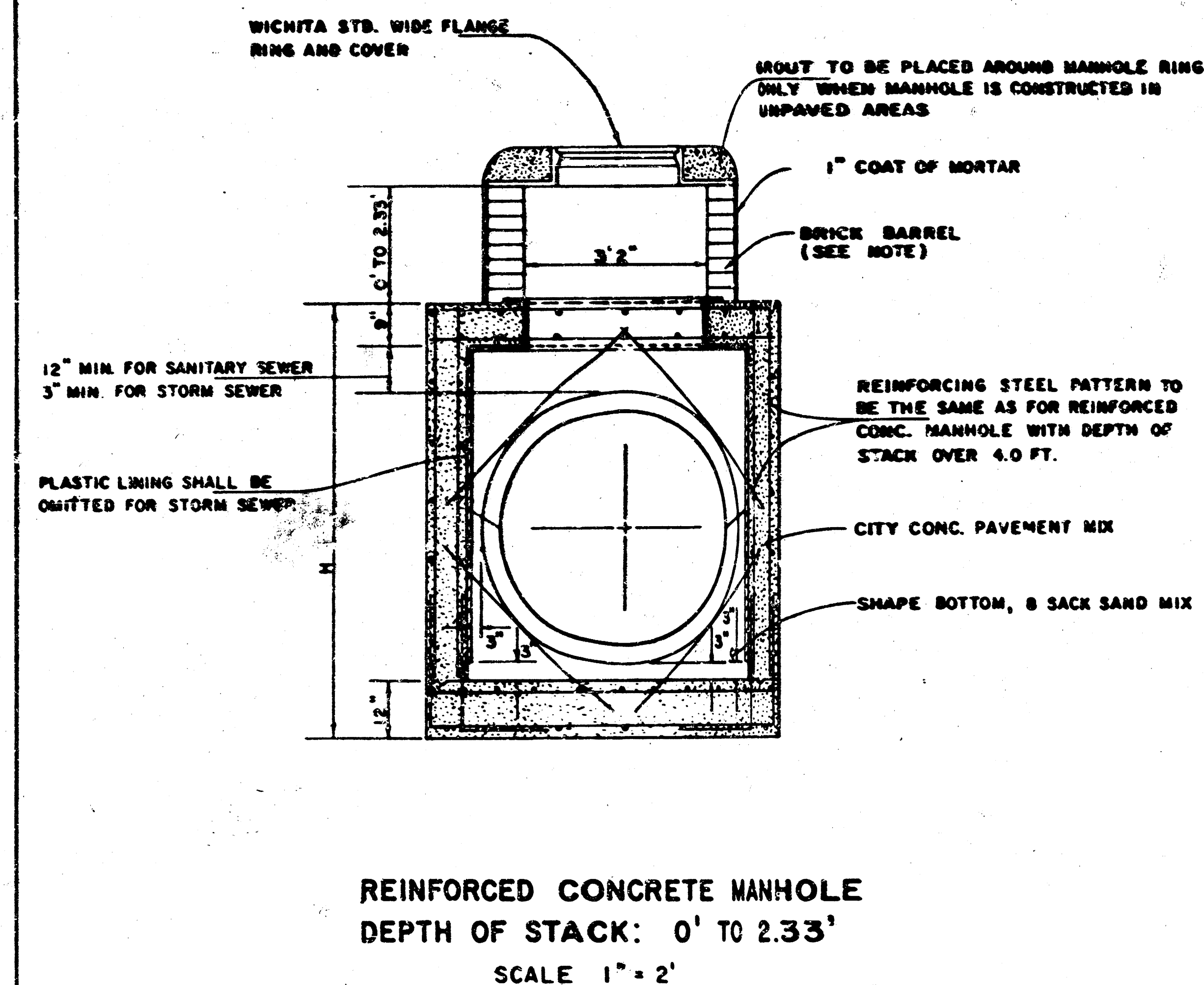
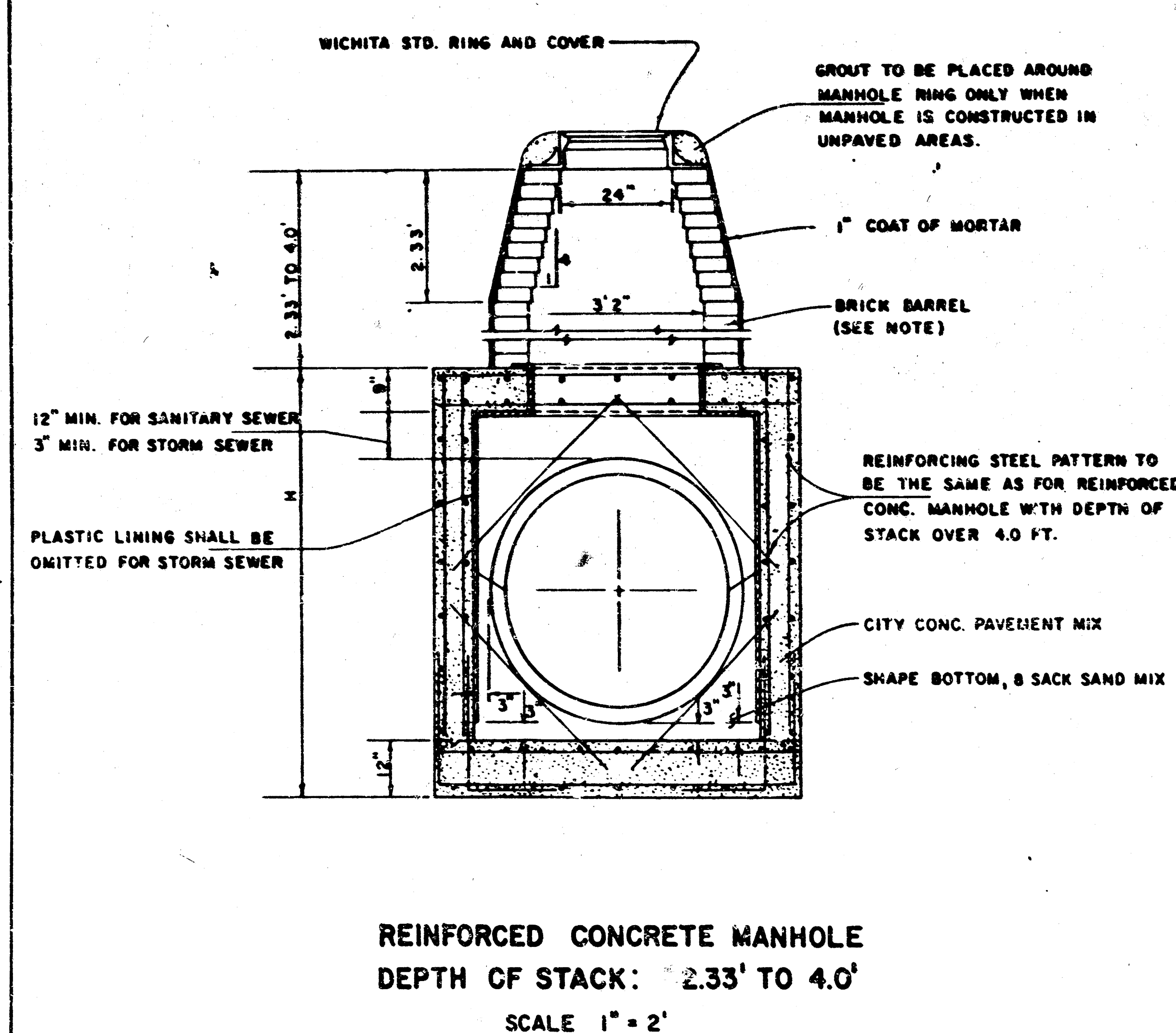
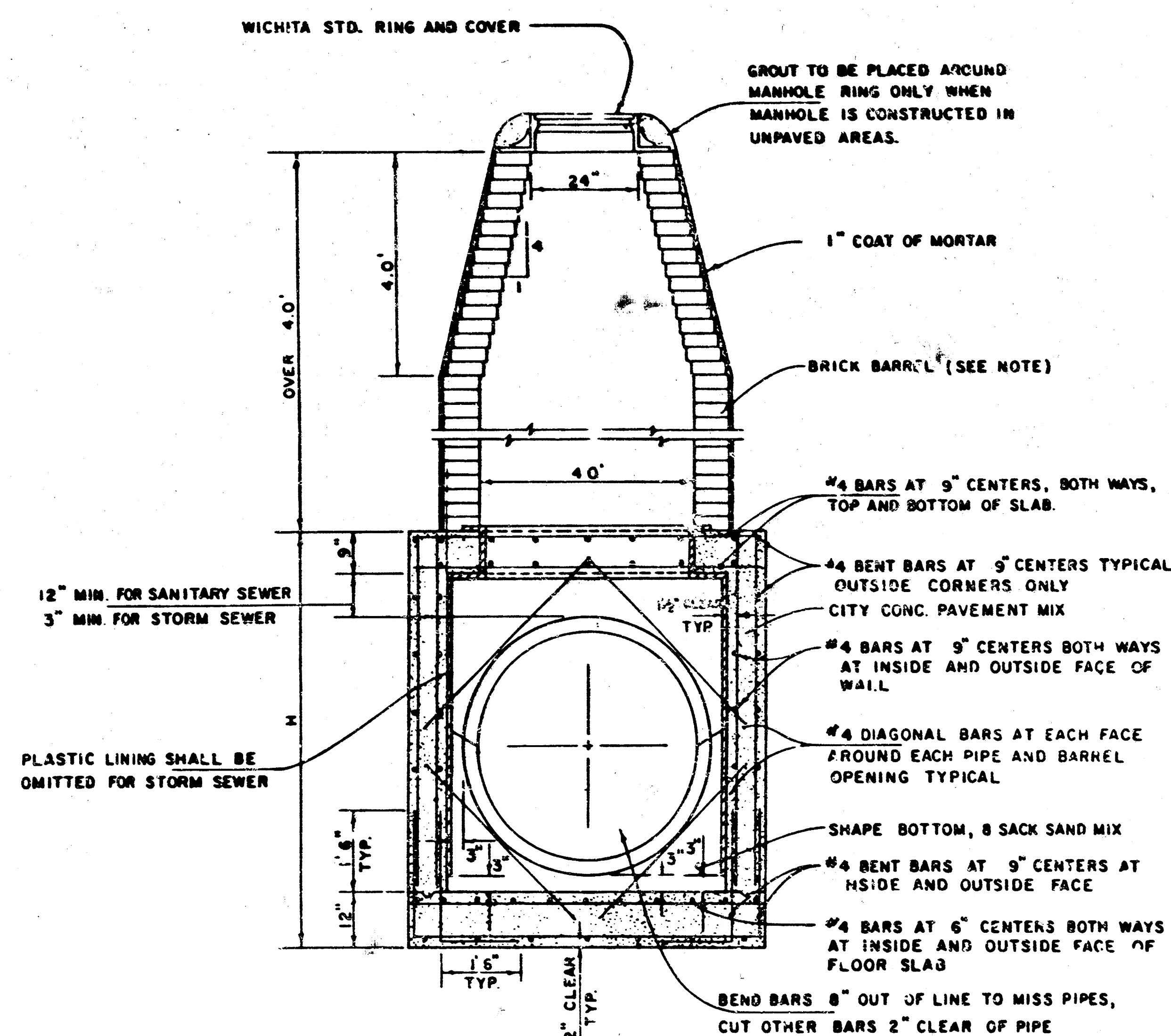
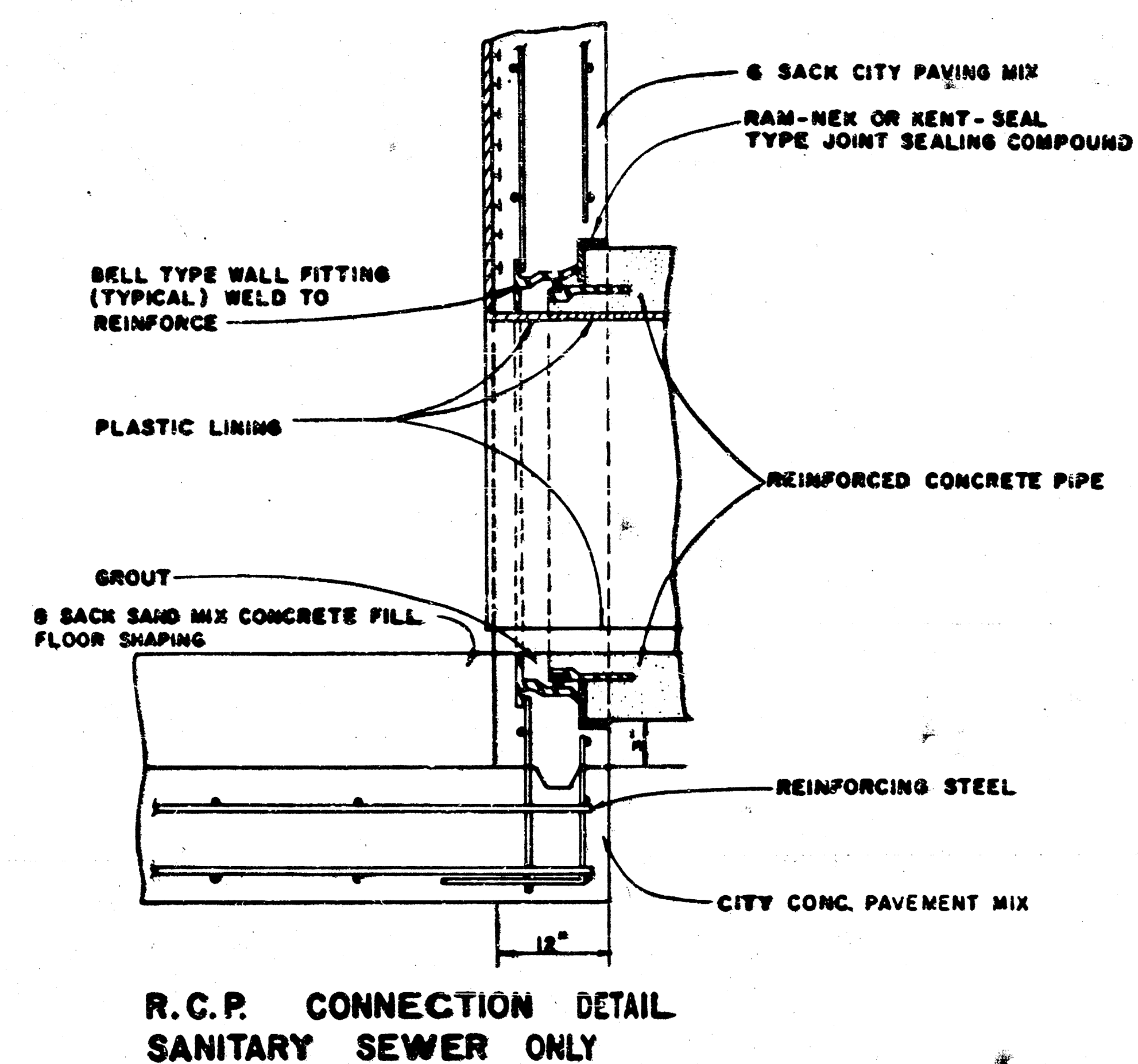
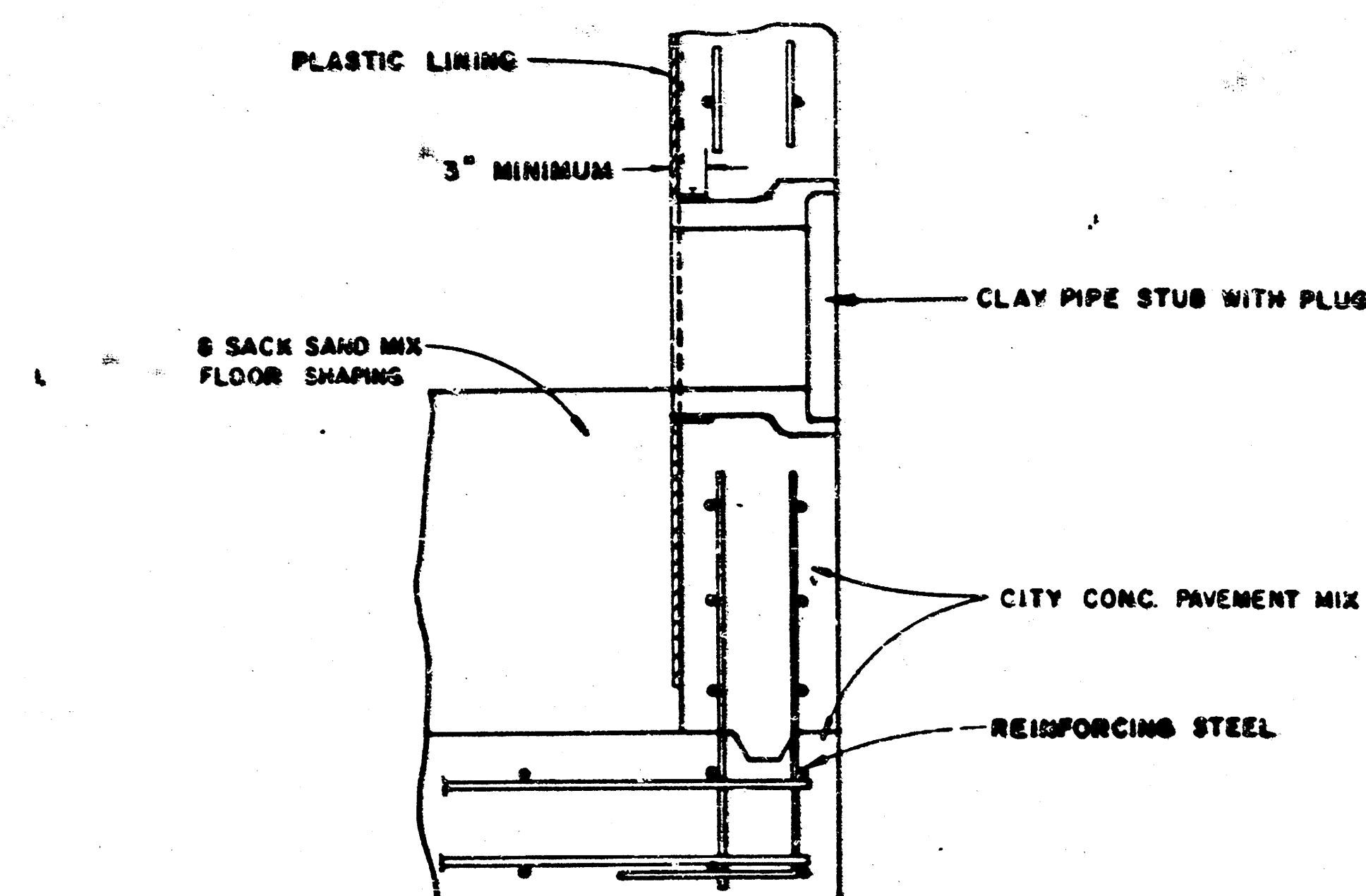
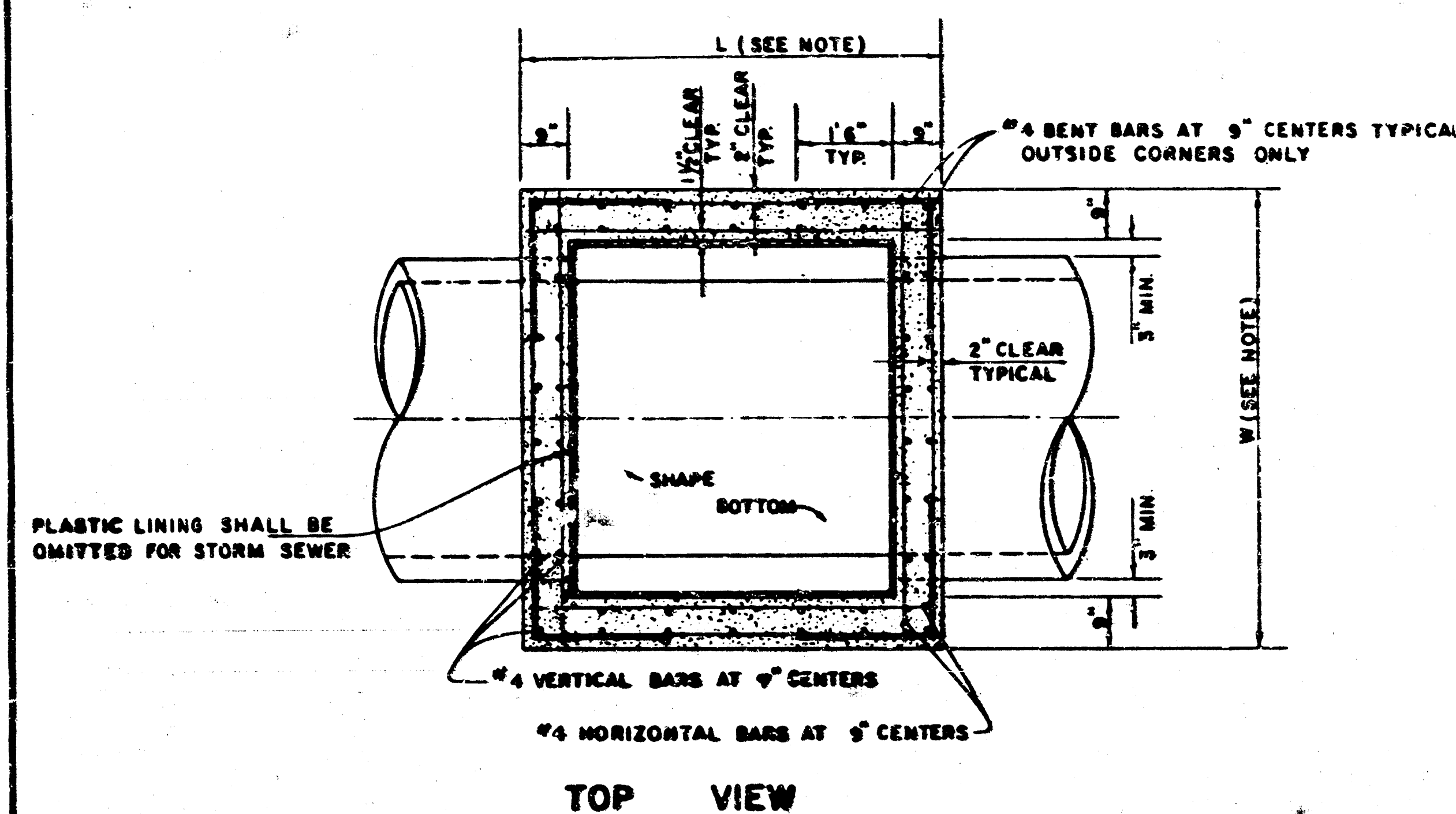
MANHOLE RING

SEE SEWER APPURTENANCES DETAIL
SHEET FOR MANHOLE COVER

THIS TYPE INLET TO BE USED WHEN PAVEMENT IS ASPHALT PAVEMENT WITH CONCRETE BASE AND/OR WHEN PAVEMENTS HAVE FULL HEIGHT STANDARD CURBS

DETAIL
STANDARD CURB INLET-TYPE I
CITY OF WICHITA, KANSAS

FEBRUARY, 1975



NOTE:
BRICK BARRELS LESS THEN 16' DEEP SHALL HAVE 8" WALLS EXCEPT WHEN LOCATED WITHIN PUBLIC STREET OR ALLEY PAVEMENT THEN THE WALL SHALL BE 12". BRICK BARRELS MORE THEN 16' DEEP SHALL HAVE 12" WALLS. THE "L" AND "W" DIMENSIONS SHALL BE A MINIMUM OF 5'6" FOR BRICK BARRELS WITH 8" WALLS AND 6'2" FOR BRICK BARRELS WITH 12" WALLS.

MANHOLE FRAME AND COVER DETAIL

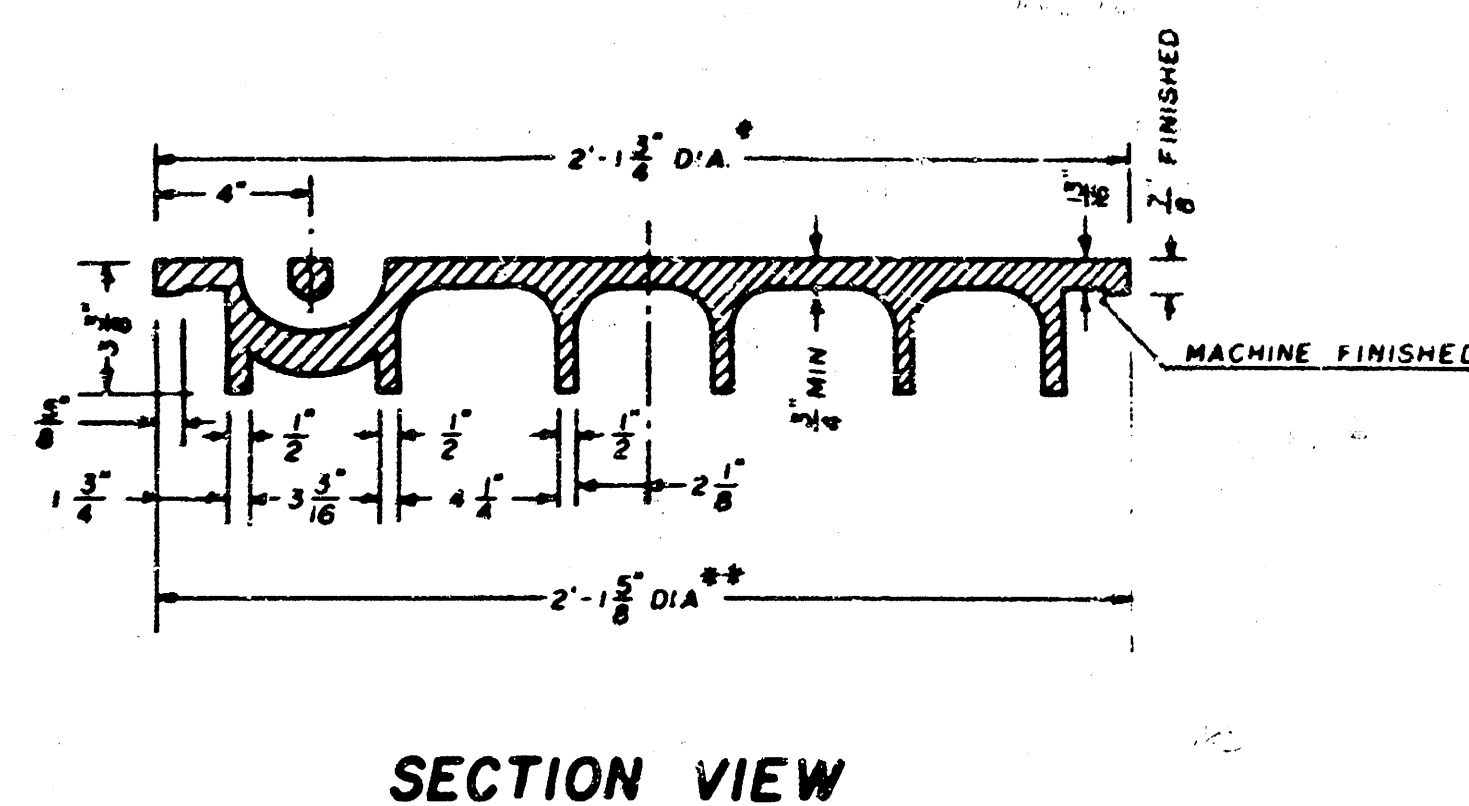
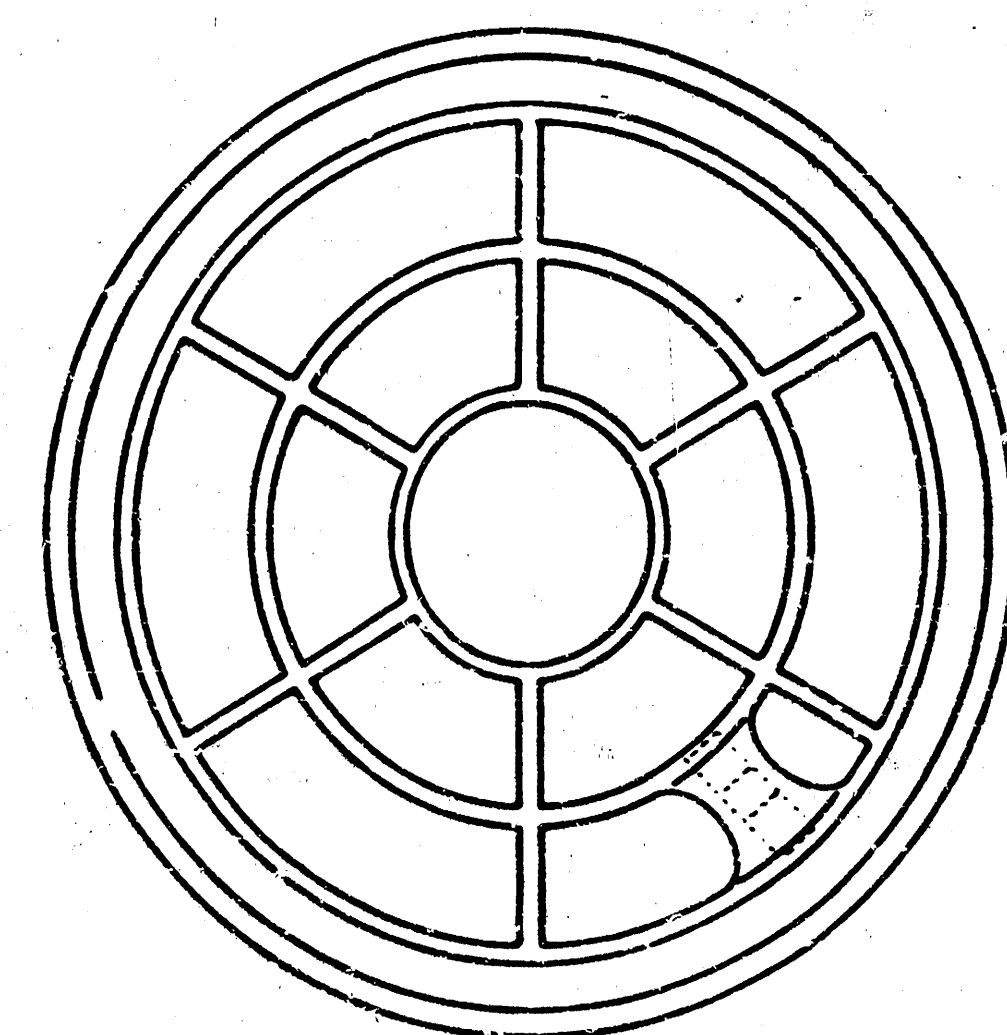
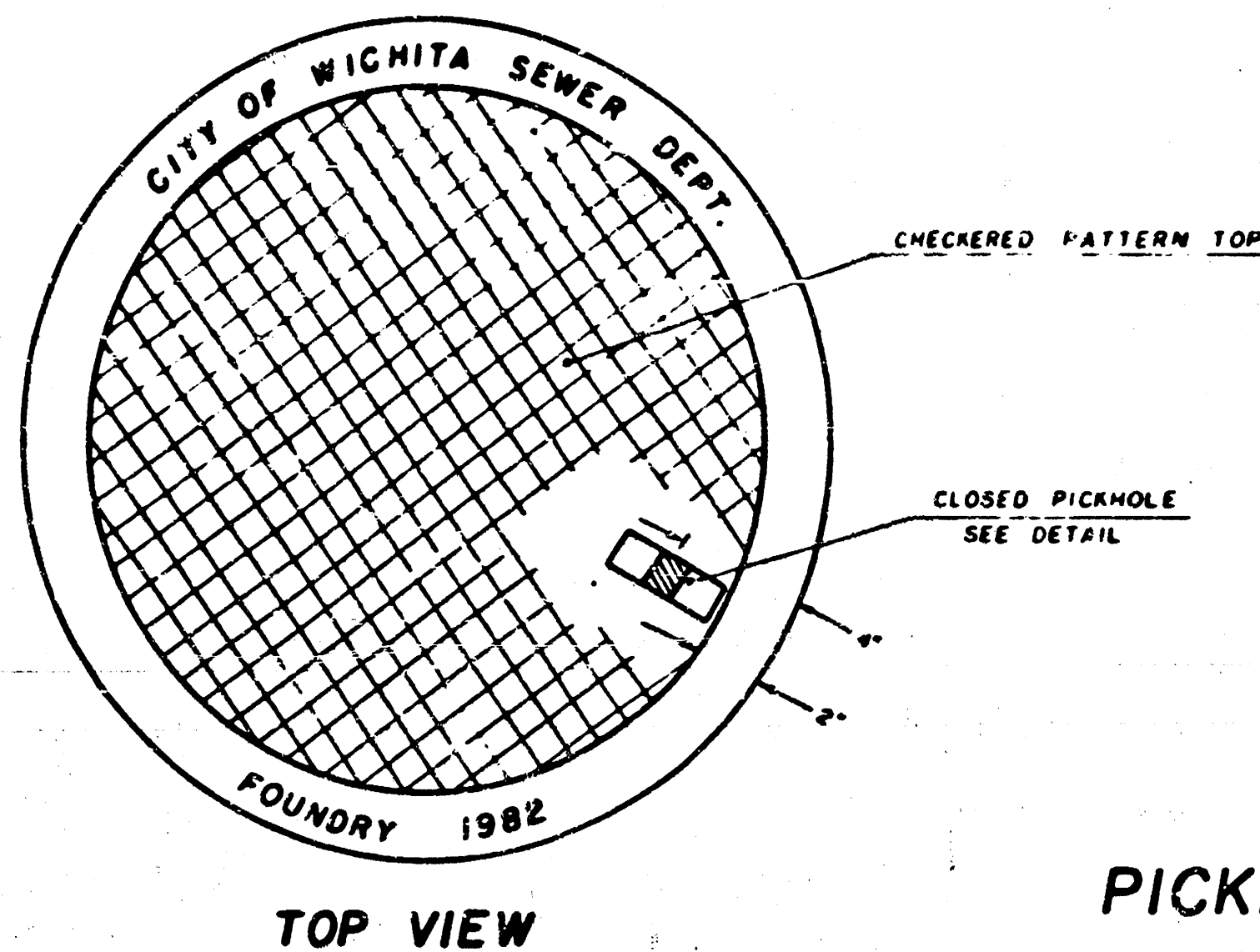
ADOPTED AS STANDARD DESIGN

BY

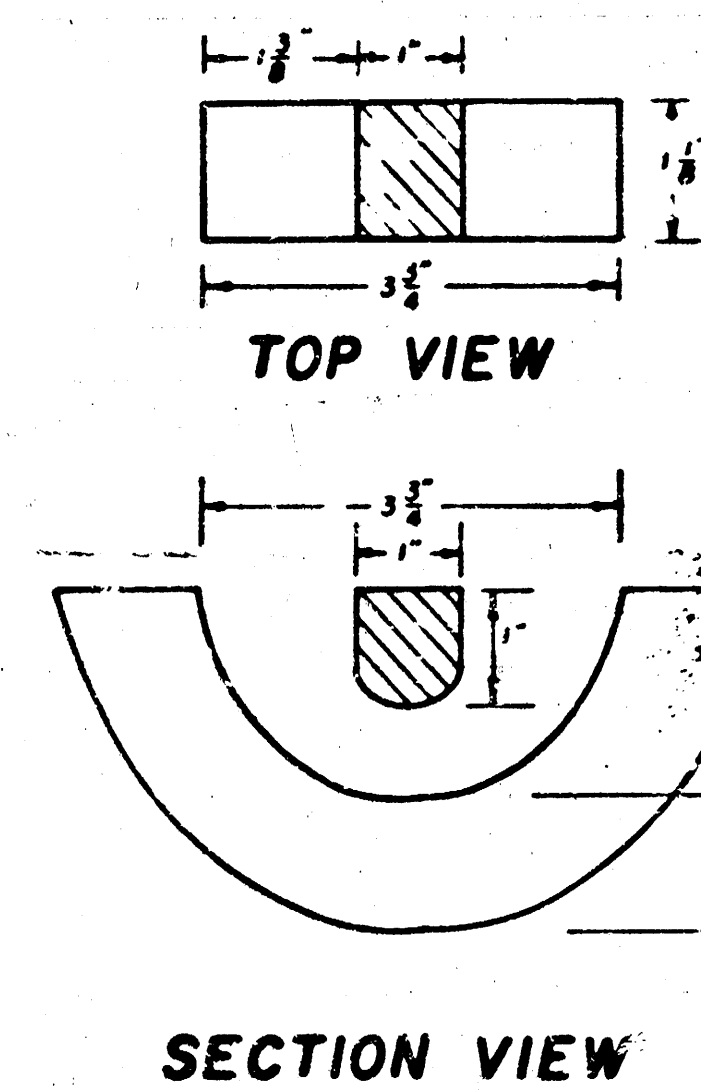
City of Wichita, Kansas

MANHOLE COVER

Weight: 180 Lbs.

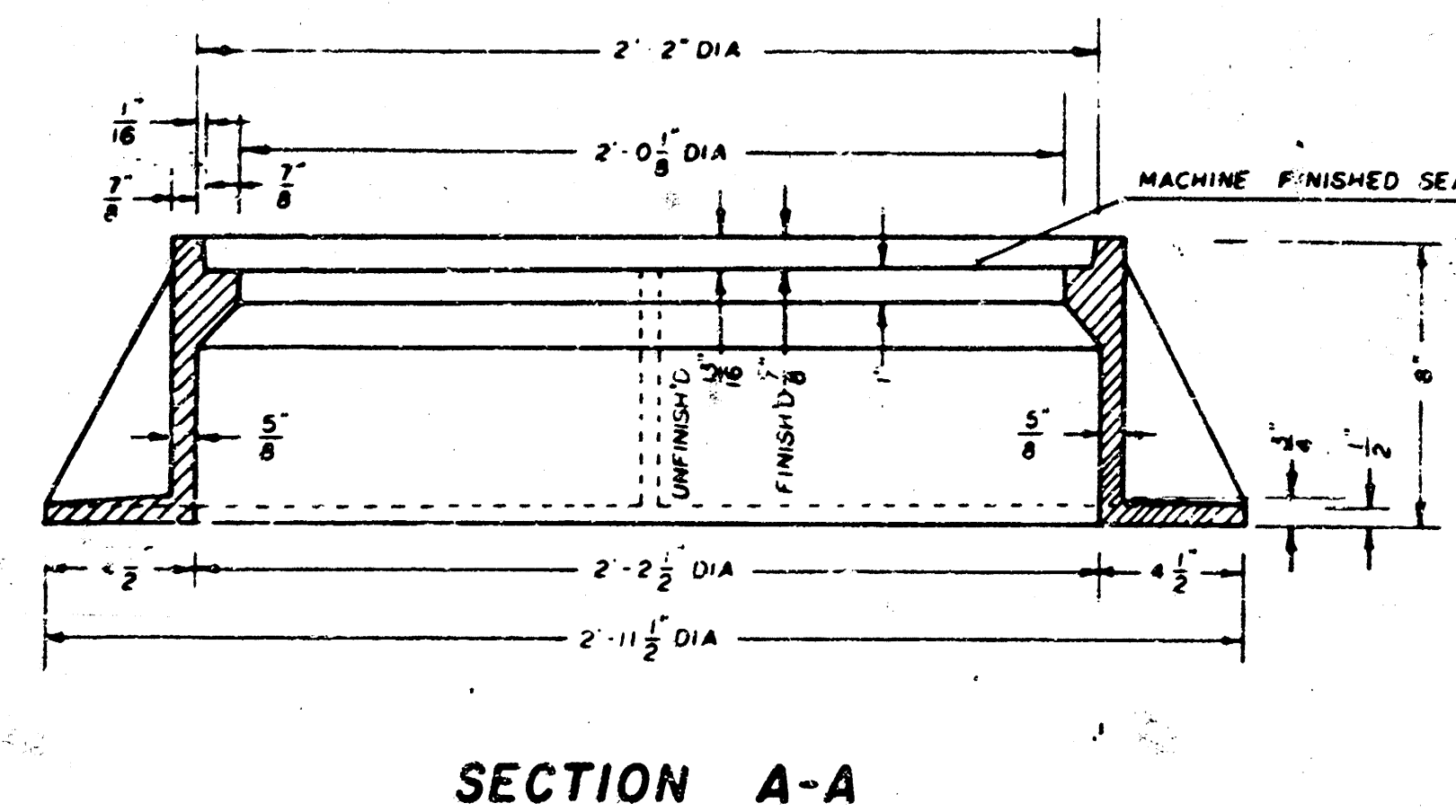
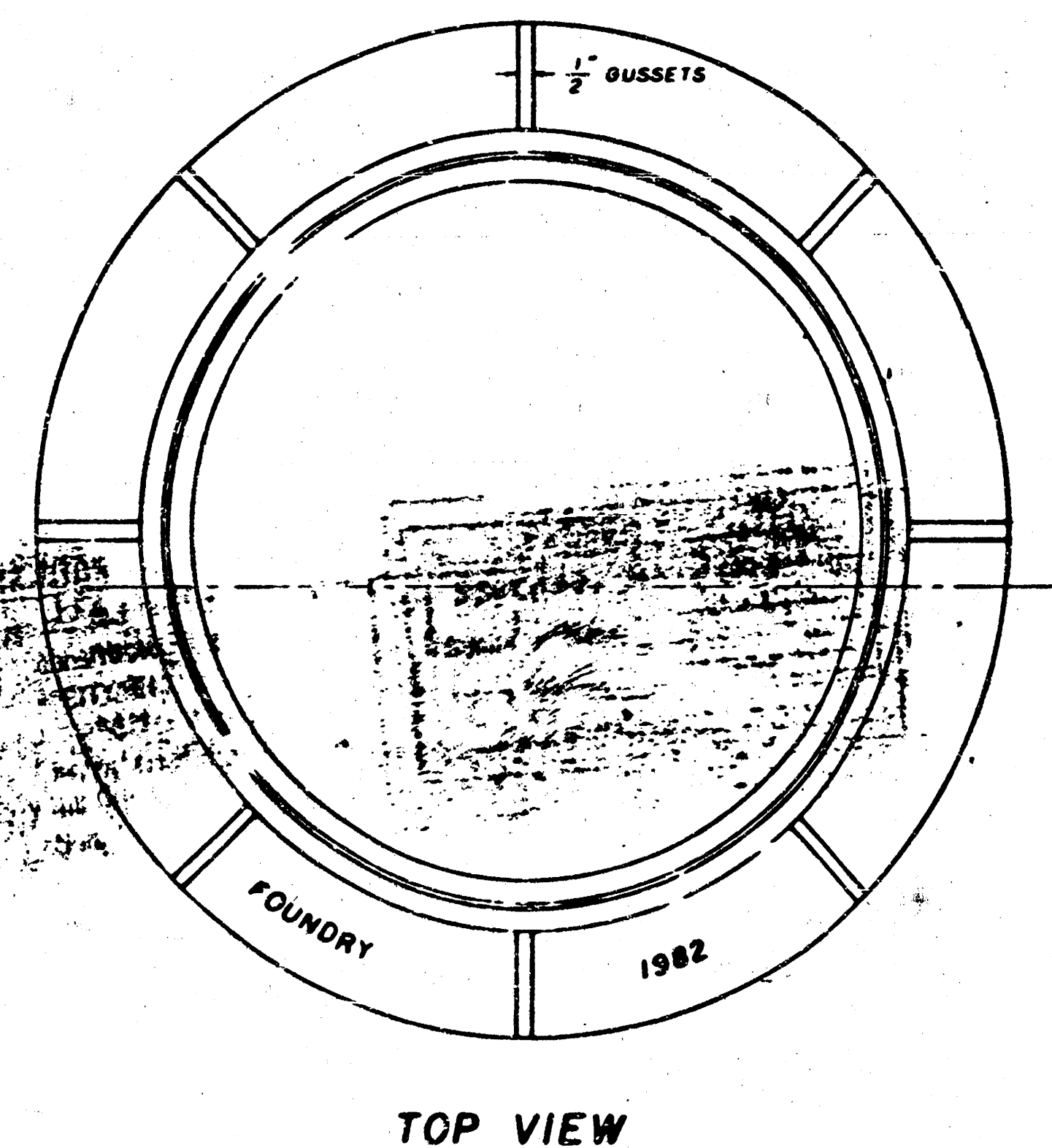


PICKHOLE DETAIL



MANHOLE FRAME

Weight: 240 Lbs.



GENERAL NOTES

1. MANHOLE CASTINGS SHALL BE MANUFACTURED USING GOOD QUALITY GRAY IRON CONFORMING TO CLASS 30 OF A.S.T.M. DESIGNATION A-48. DIMENSIONS AND WEIGHTS SHOWN ON THE DETAILED DRAWINGS SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE FINISHED CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTIONS OR OTHER DEFECTS.
2. MANHOLE CASTINGS SHALL BE COATED WITH AN ASPHALT PAINT RESULTING IN A SMOOTH, TOUGH AND TENACIOUS COATING WHICH IS NOT BRITTLE OR TACKY.
3. MANHOLE CASTINGS SHALL BE MANUFACTURED SUCH THAT A COVER MANUFACTURED BY ANY ONE FOUNDRY WILL FIT INTERCHANGEABLY INTO A FRAME MANUFACTURED BY ANOTHER FOUNDRY AND STILL MEET ALLOWABLE CLEARANCES AND NON-ROCKING REQUIREMENTS. THIS WILL REQUIRE MANUFACTURING OF THE MATCHING FACES OF THE COVER AND THE FRAME TO CLOSE TOLERANCES.
4. THE OUTSIDE CIRCUMFERENCE OF THE VERTICAL FACE OF THE COVER AND THE INSIDE CIRCUMFERENCE OF THE VERTICAL FACE IN THE FRAME ACCESS SHALL BE MANUFACTURED TO TOLERANCES SUCH THAT THE CLEARANCE BETWEEN THE COVER AND FRAME WILL NOT EXCEED 1/8" AT ANY POINT AROUND THE CIRCUMFERENCE OF THE COVER. THE SEATING SURFACES BETWEEN THE COVER AND FRAME SHALL BE MACHINED SUCH THAT THESE SURFACES SHALL MAKE FULL CONTACT FOR THEIR FULL CIRCUMFERENCE TO PRECLUDE THE COVER FROM ROCKING IN THE FRAME.
5. THE MANHOLE FRAME AND COVER SHALL BE MARKED WITH LETTERING INDICATING THE NAME OF THE MANUFACTURER AND THE YEAR WHEN THE COVER OR FRAME WAS CAST. THE COVER SHALL BE FURTHER IDENTIFIED WITH REGARDS TO OWNERSHIP USING LETTERS AT LEAST 1" IN HEIGHT. THIS IDENTIFICATION SHALL BE "CITY OF WICHITA SEWER DEPARTMENT". THE WORD DEPARTMENT MAY BE ABBREVIATED. THE TEXTURE OF THE TOP SURFACE OF THE COVER SHALL BE MANUFACTURED IN A CHECKERED PATTERN DESIGN AS INDICATED ON THE DRAWINGS. SMOOTH BLOCKOUTS SHALL BE UTILIZED TO HIGHLIGHT THE LETTERING ON THE COVER SURFACE. THE TOTAL AREA OF SMOOTH SURFACE BLOCKOUT SHALL NOT EXCEED THE AREA AS INDICATED ON THE DRAWING. POSITIONING OF SMOOTH BLOCKOUTS AND LETTERING MAY VARY FROM THAT SHOWN ON THE DETAILED DRAWING.