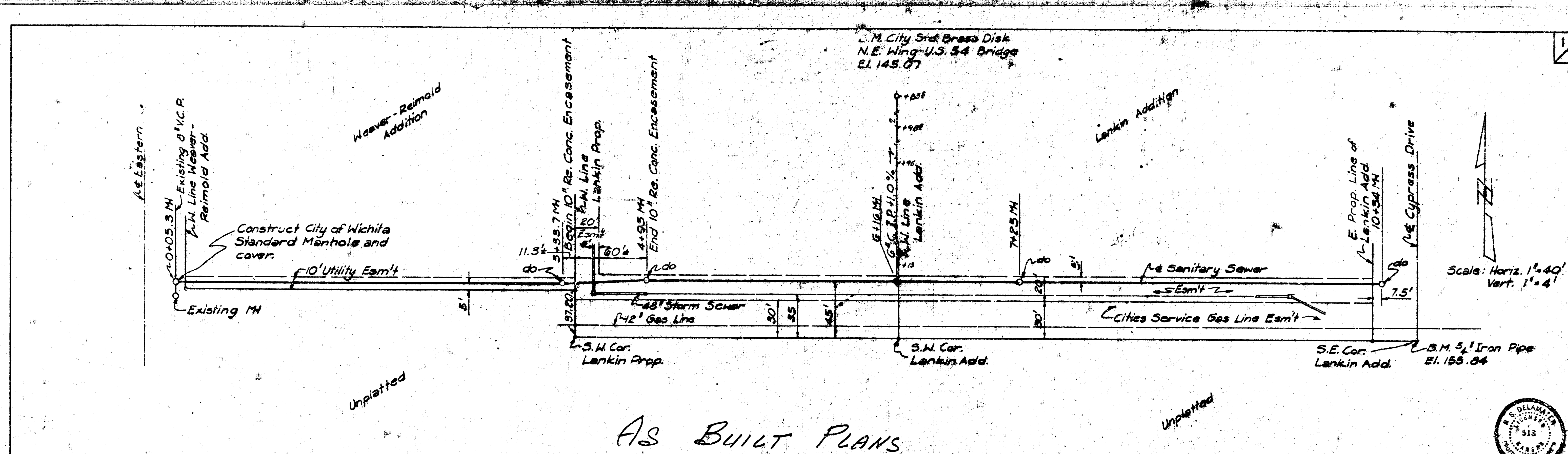




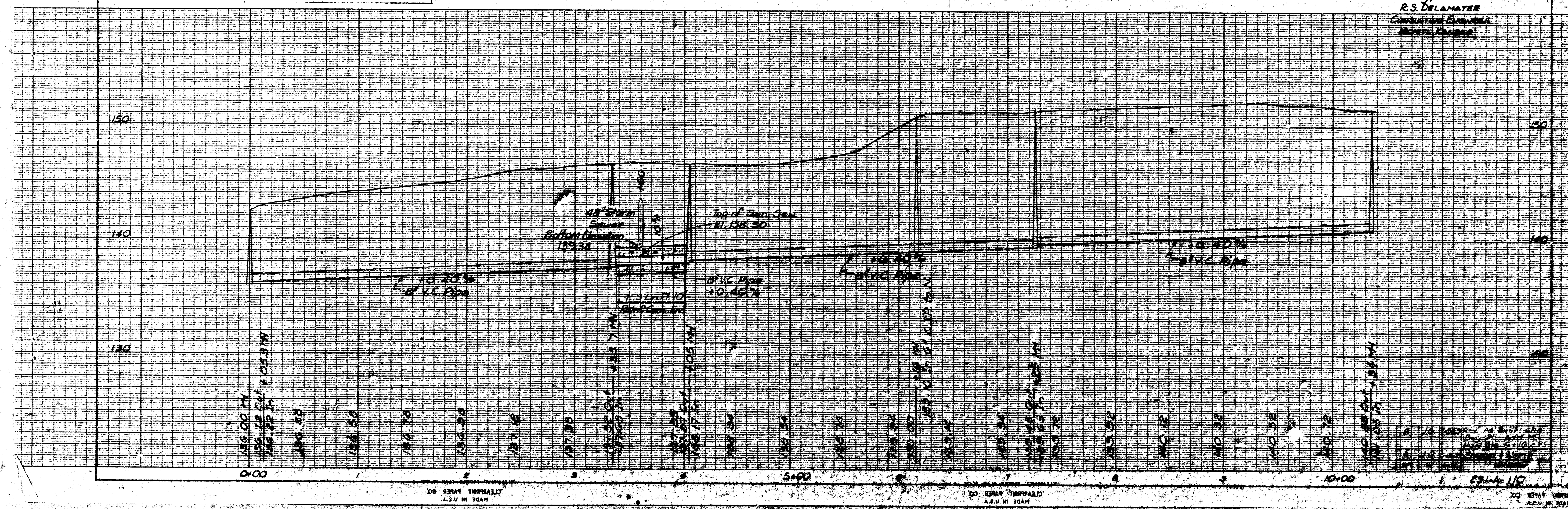
AS BUILT PLANS

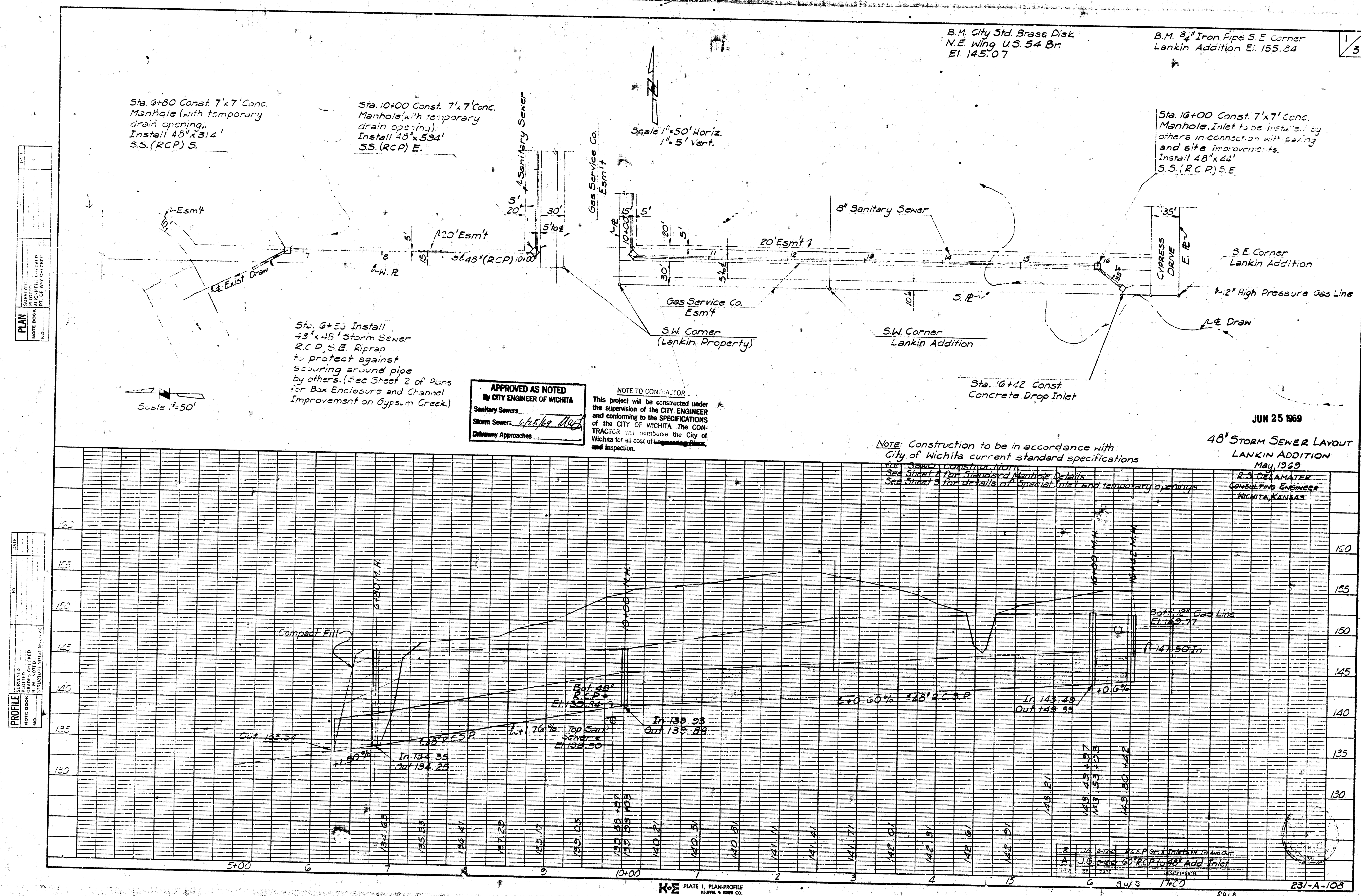
NOTE TO CONTRACTOR
This project will be constructed under the direction of the CITY ENGINEER and in accordance with the CITY SPECIFICATIONS. The City of Wichita will be responsible for the construction of the sewer lines.

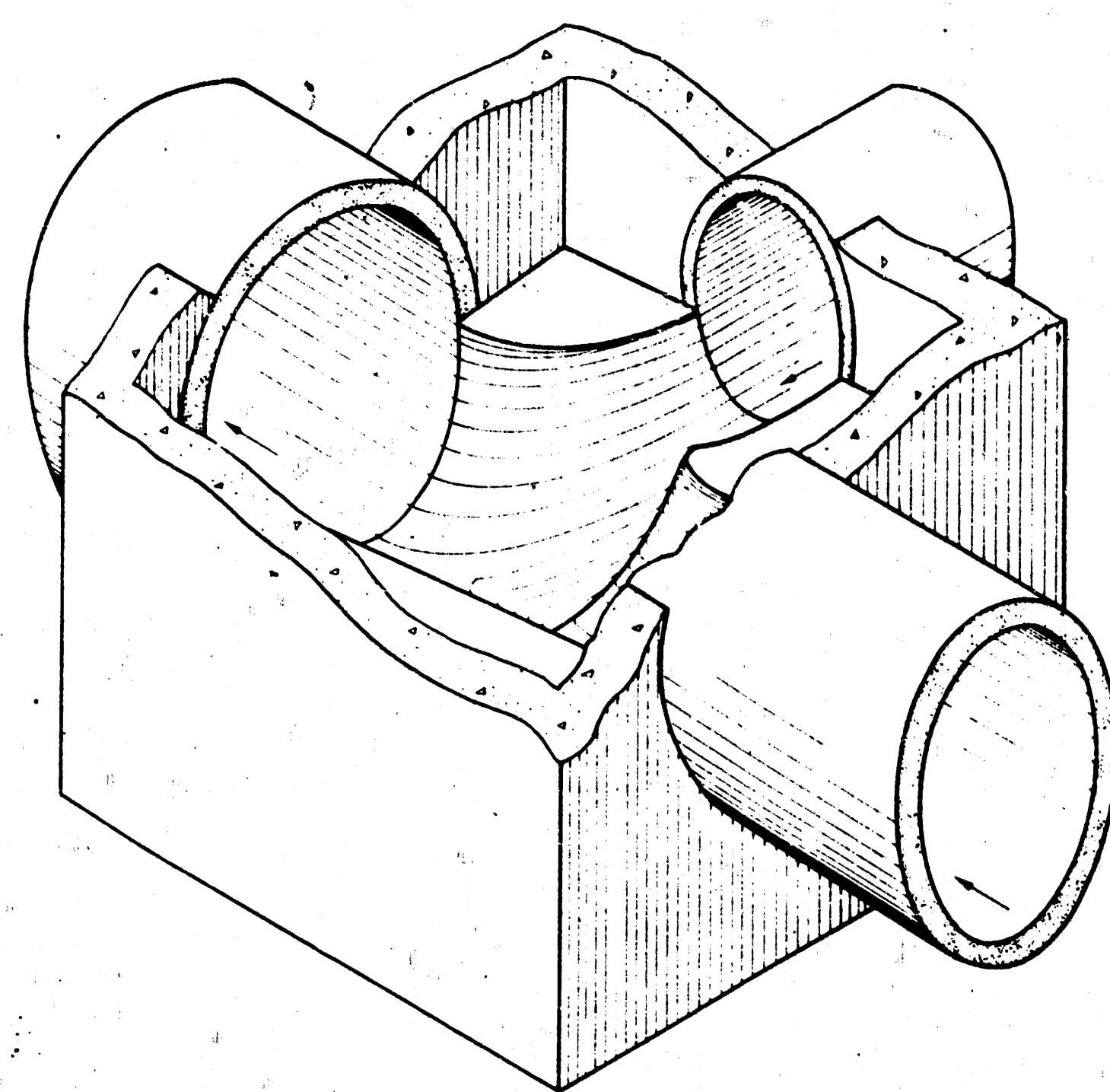
APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewer 6/25/63 R.S. Delamater
Storm Sewer

Notes: Construction to be in accordance with City of Wichita current standard specifications for sewer construction.

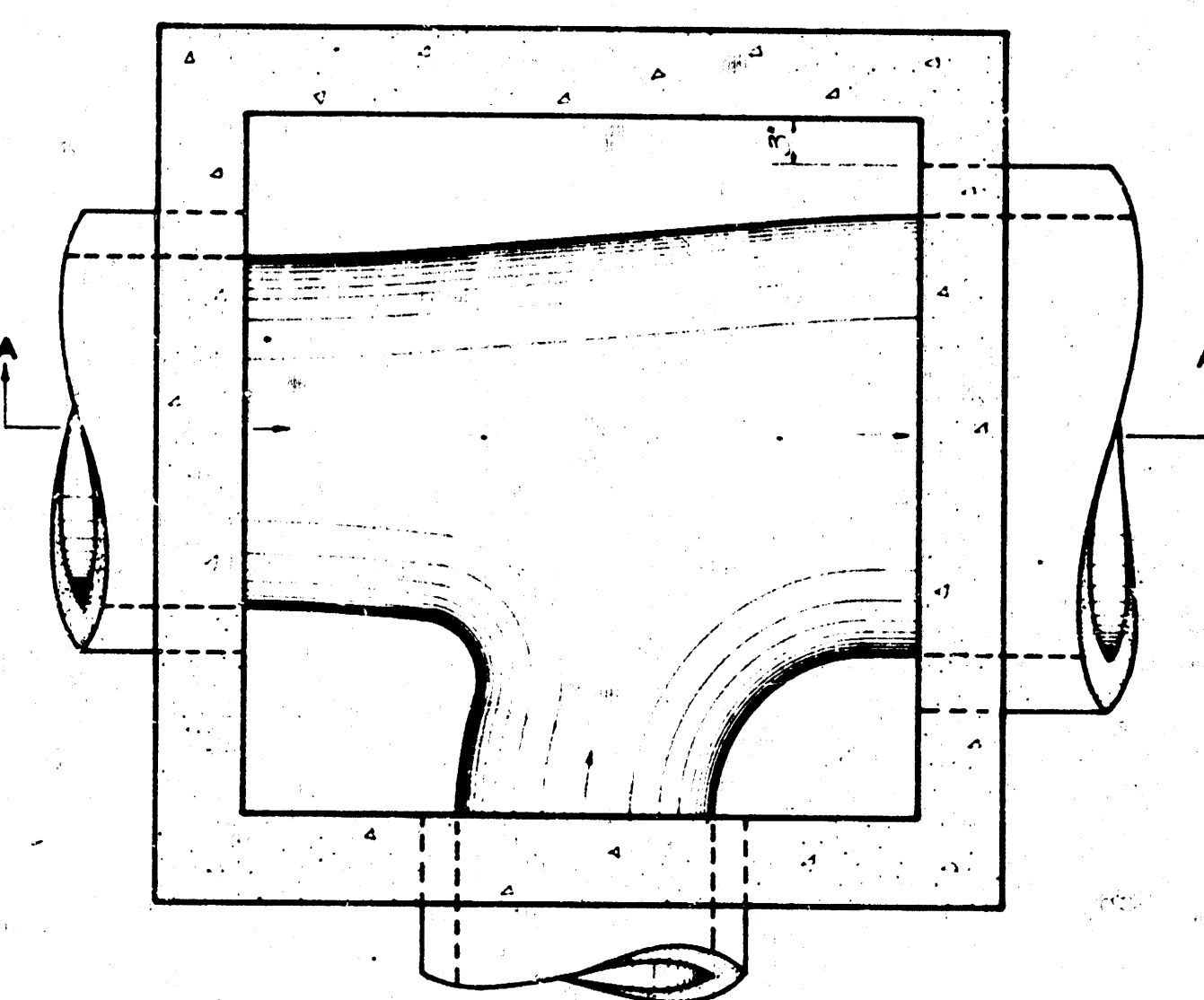
SANITARY SEWER LAYOUT
LANEKIN ADDITION
May, 1963
R.S. DELAMATER
CONSULTING ENGINEER
WICHITA, KANSAS



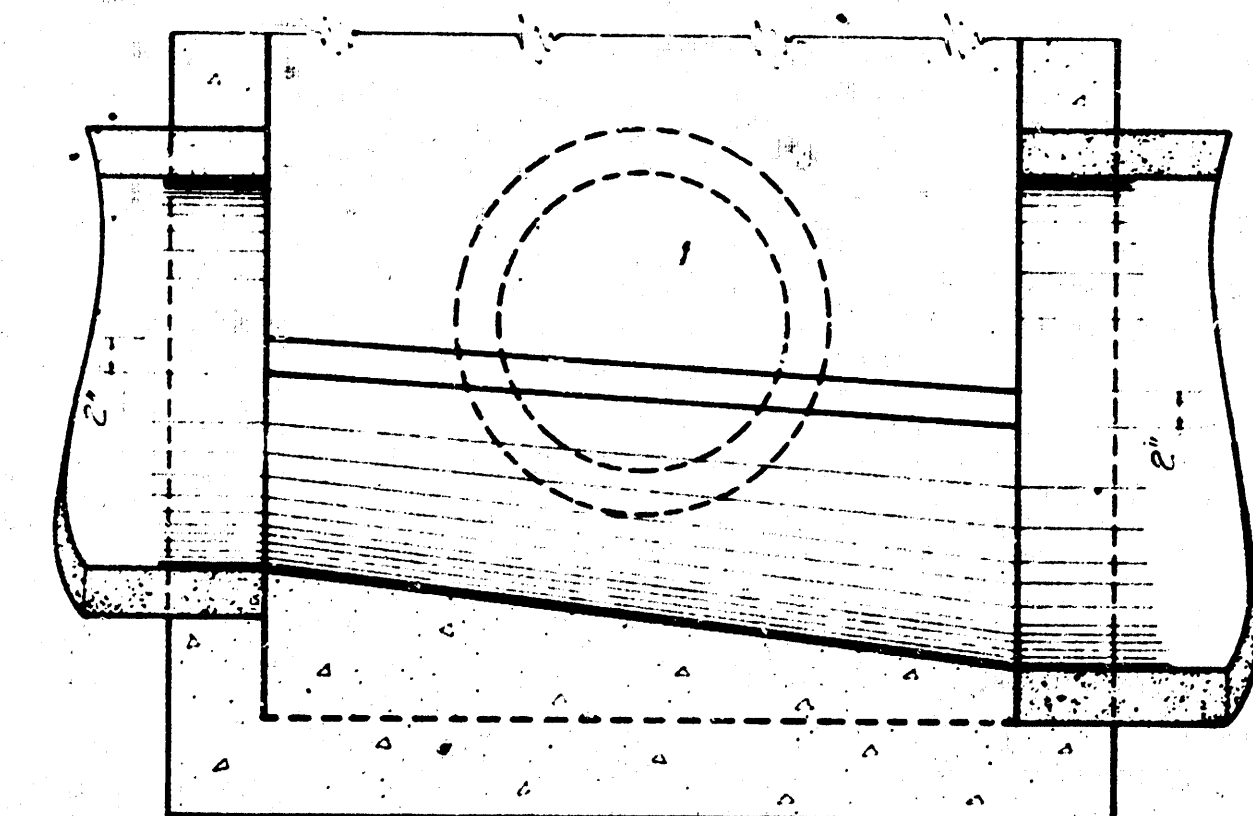




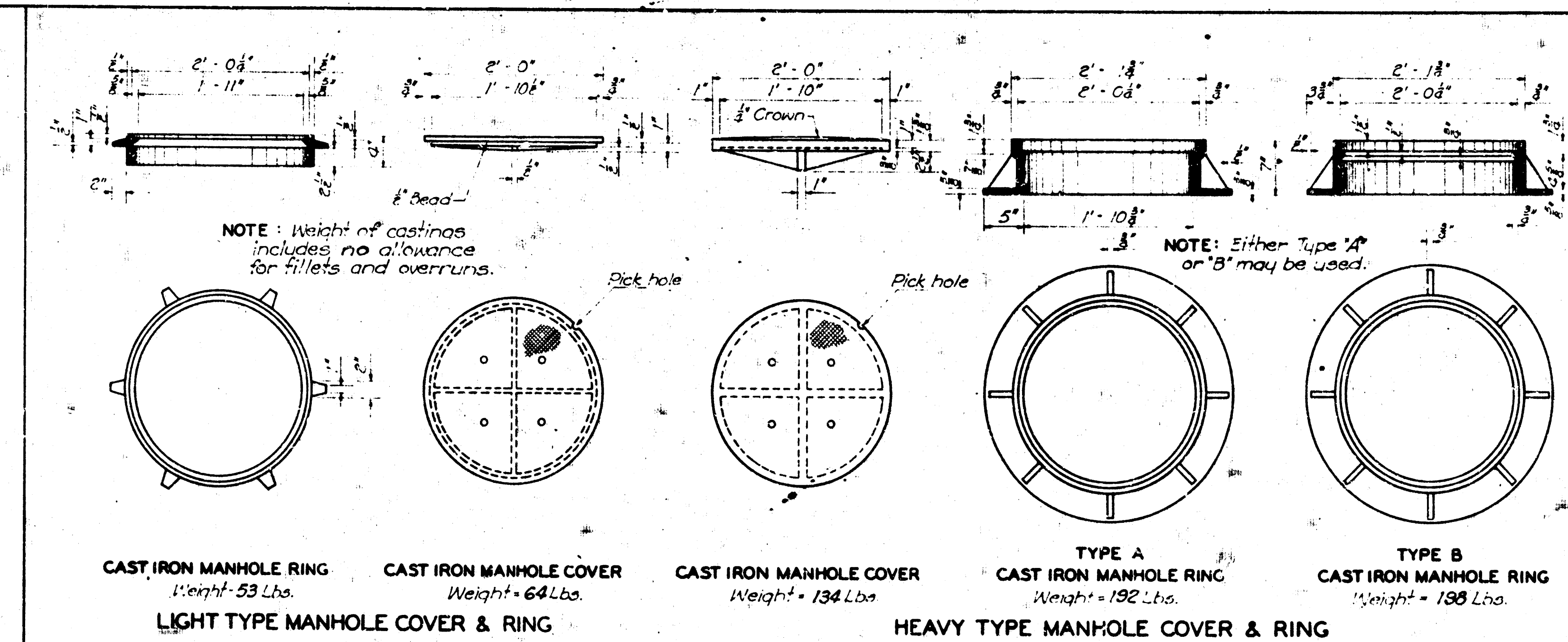
SECTIONAL VIEW (EXAMPLE IV)
Showing Floor Shaping



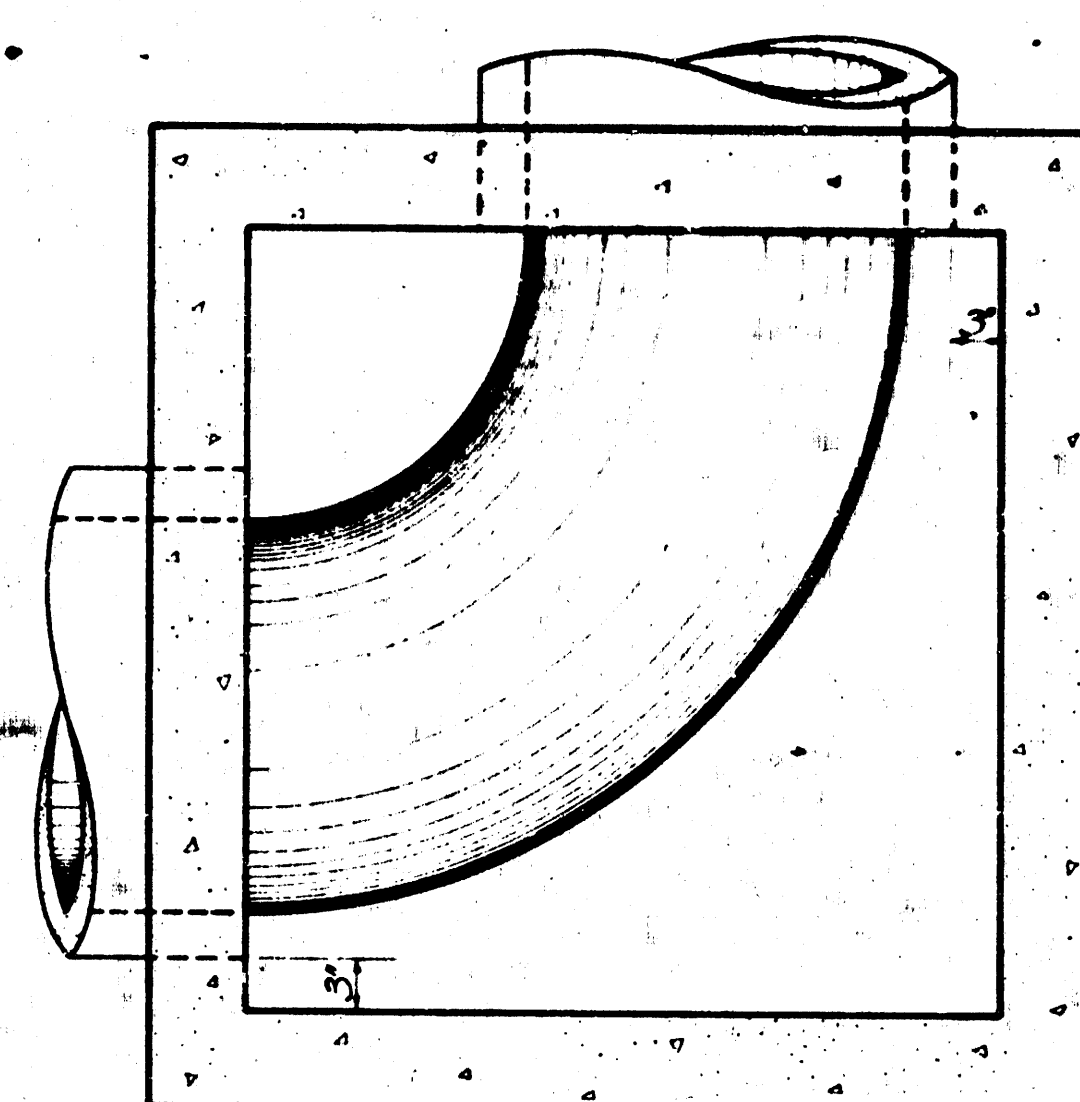
FLOOR PLAN (EXAMPLE IV)



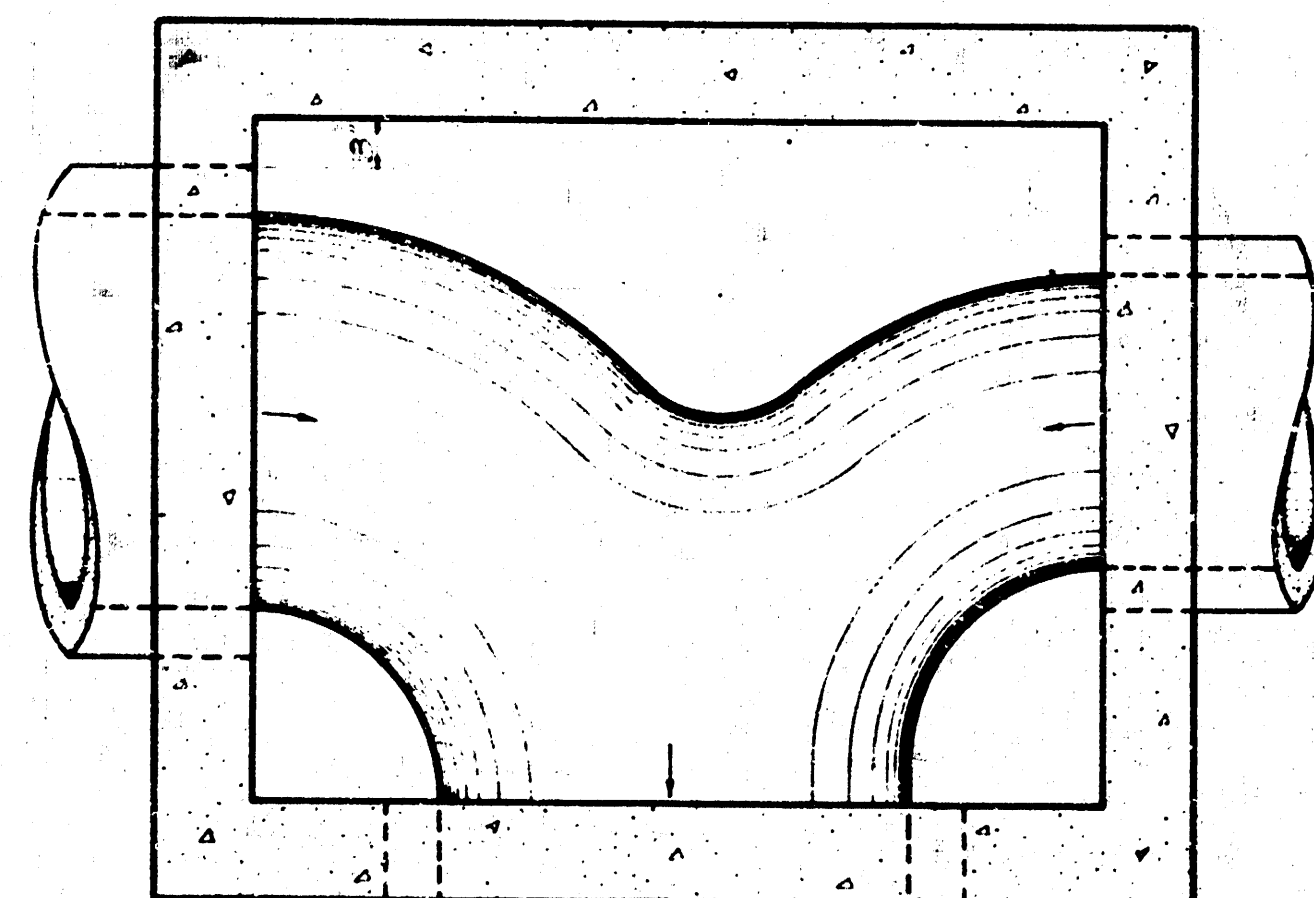
SECTION A-A (EXAMPLE IV)



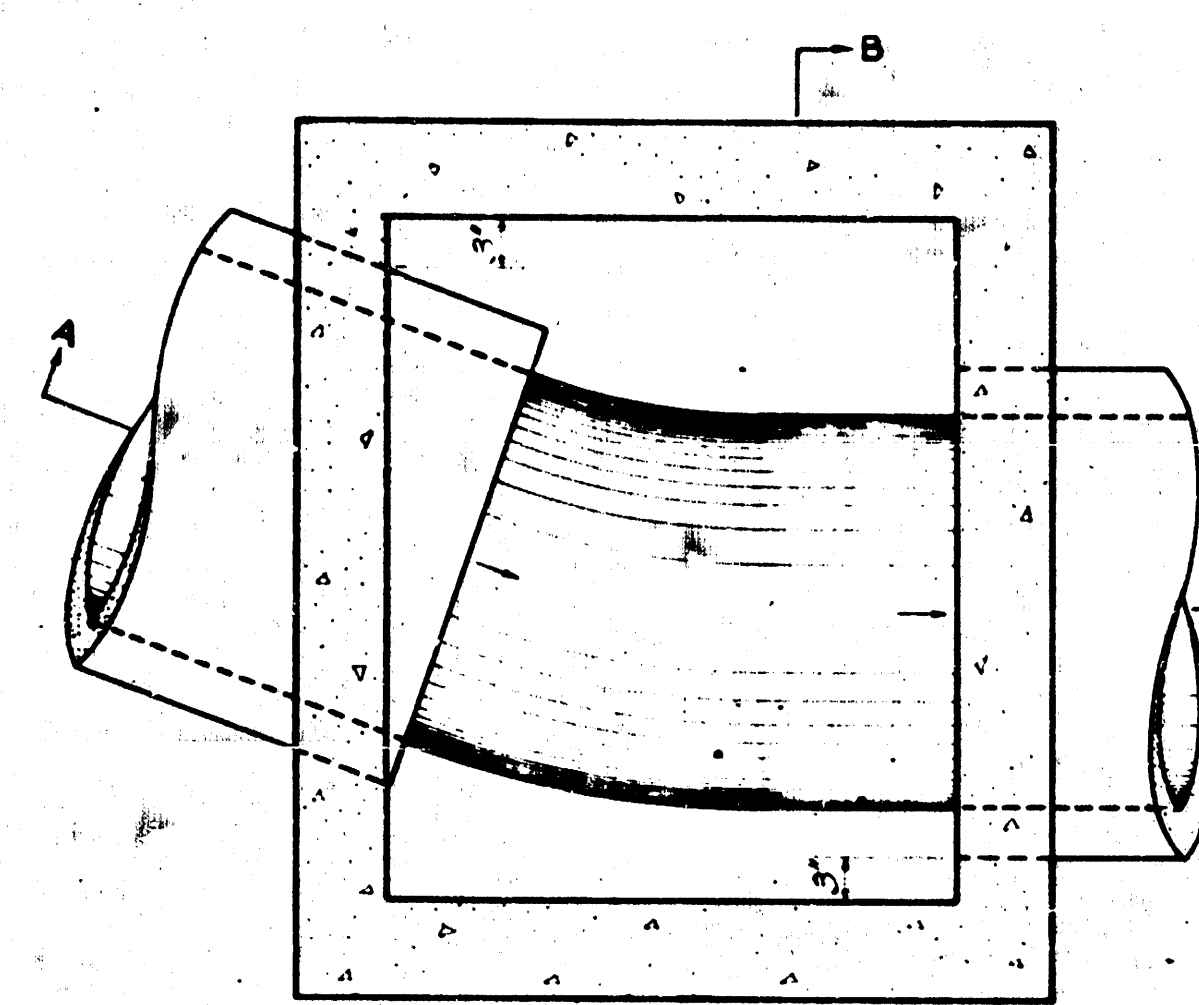
TYPICAL EXAMPLES OF VARIOUS PIPE COMBINATIONS
Showing method of shaping floor of manholes to provide increased hydraulic efficiency.
For reinforcing & other features see "PLAN" and "SECTION."



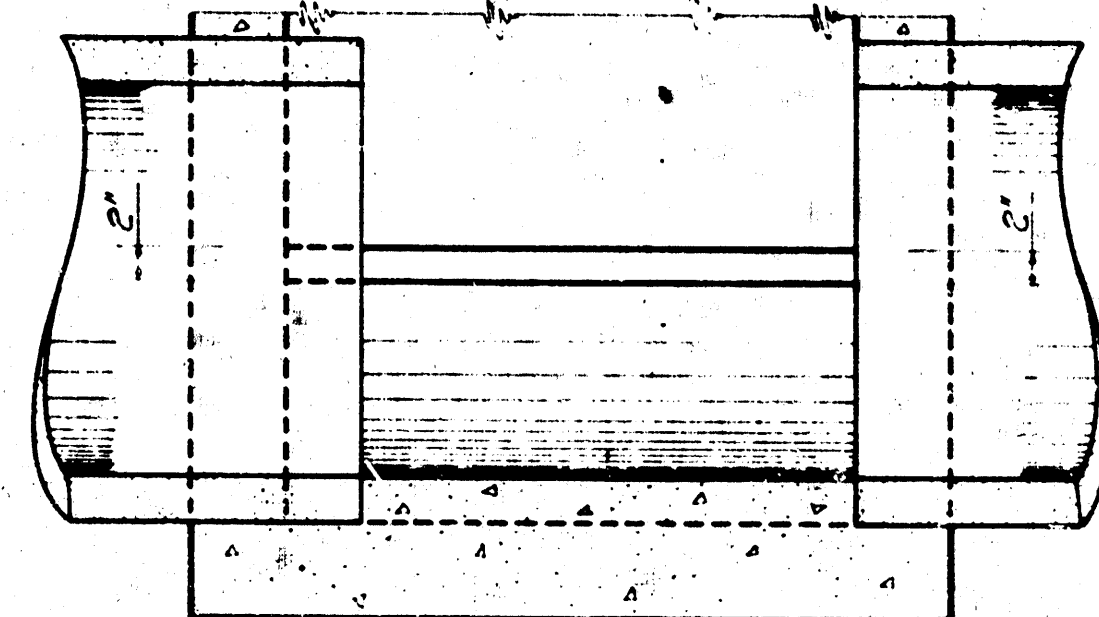
FLOOR PLAN (EXAMPLE II)



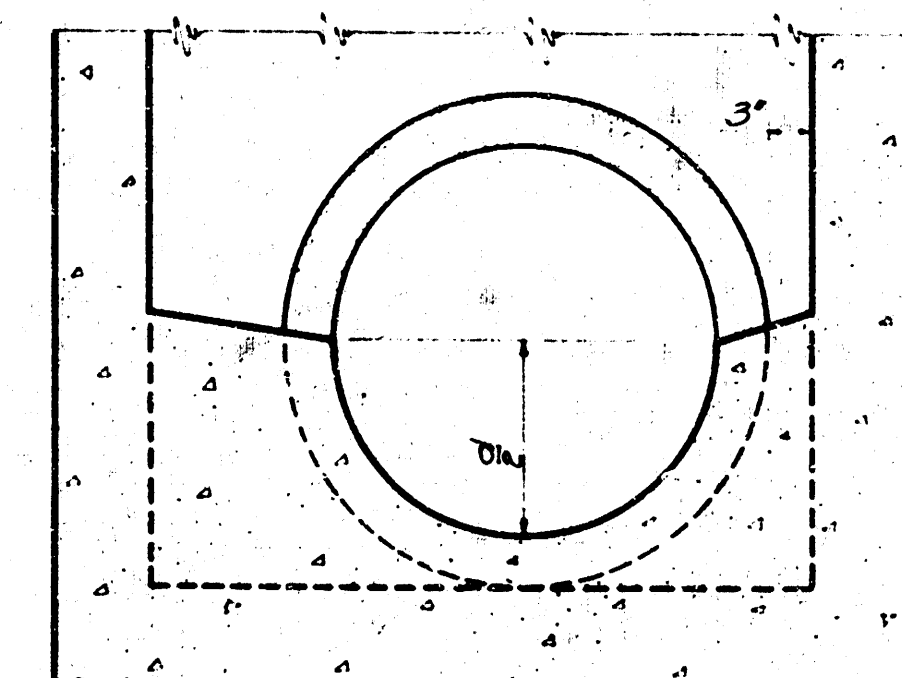
FLOOR PLAN (EXAMPLE III)



FLOOR PLAN (EXAMPLE I)

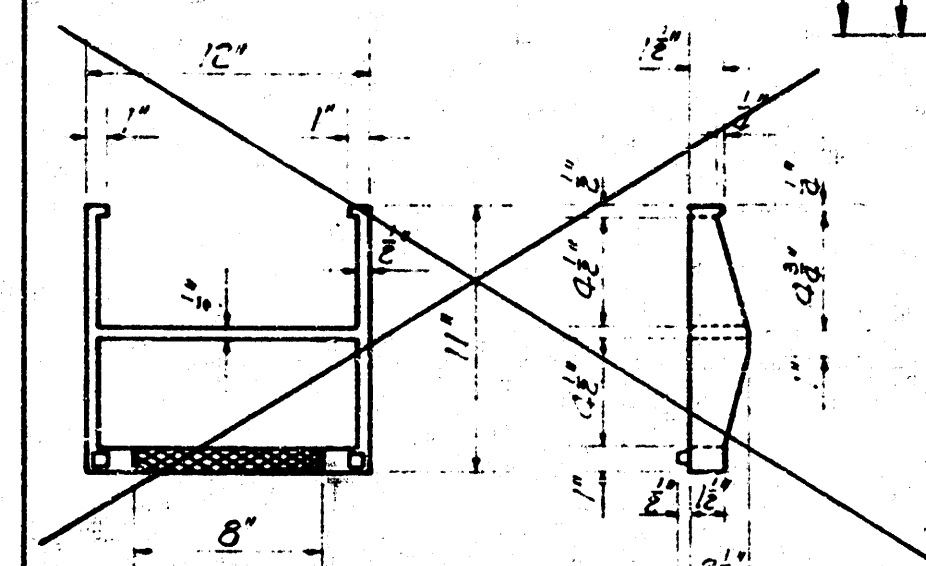


SECTION A-A (EXAMPLE I)



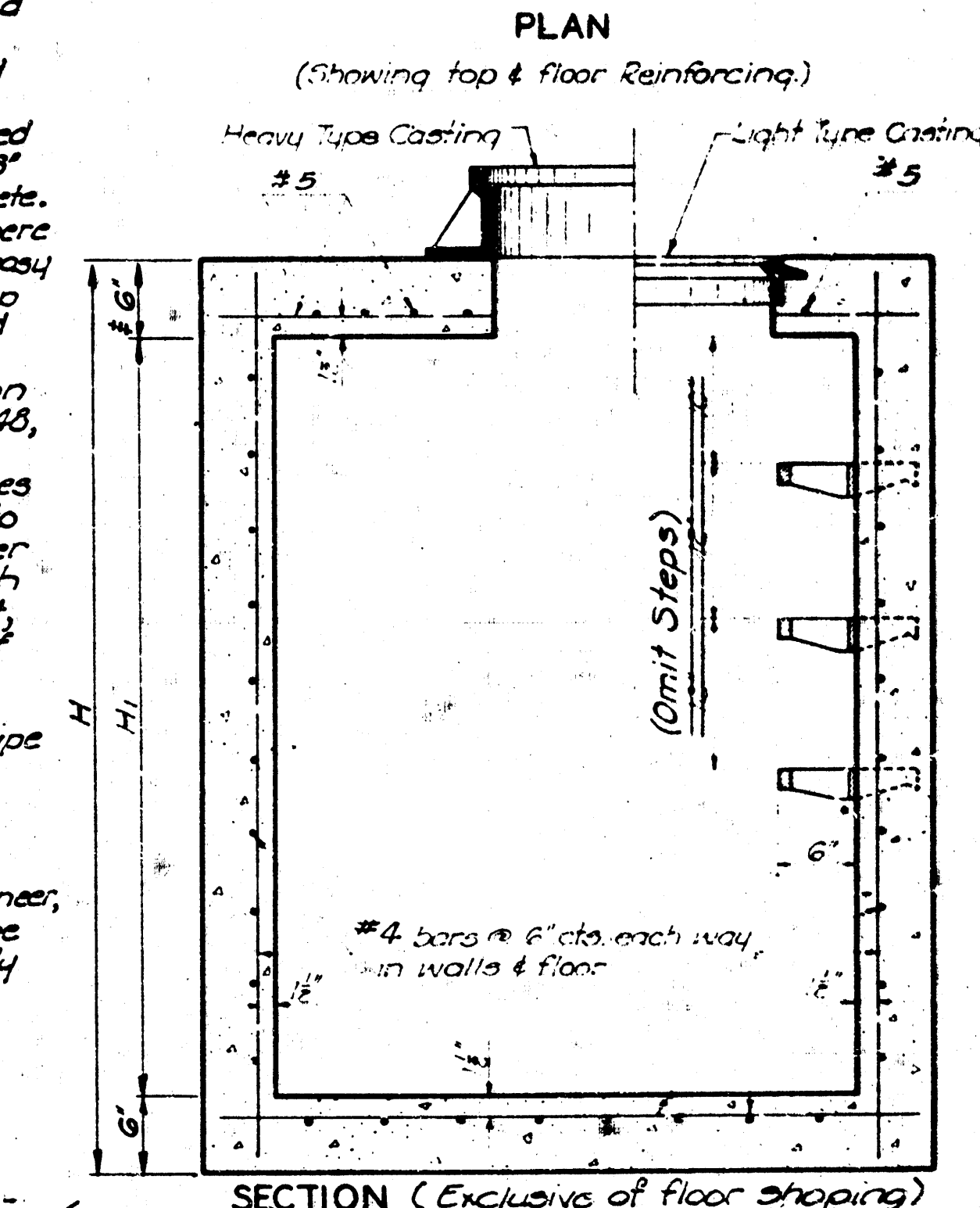
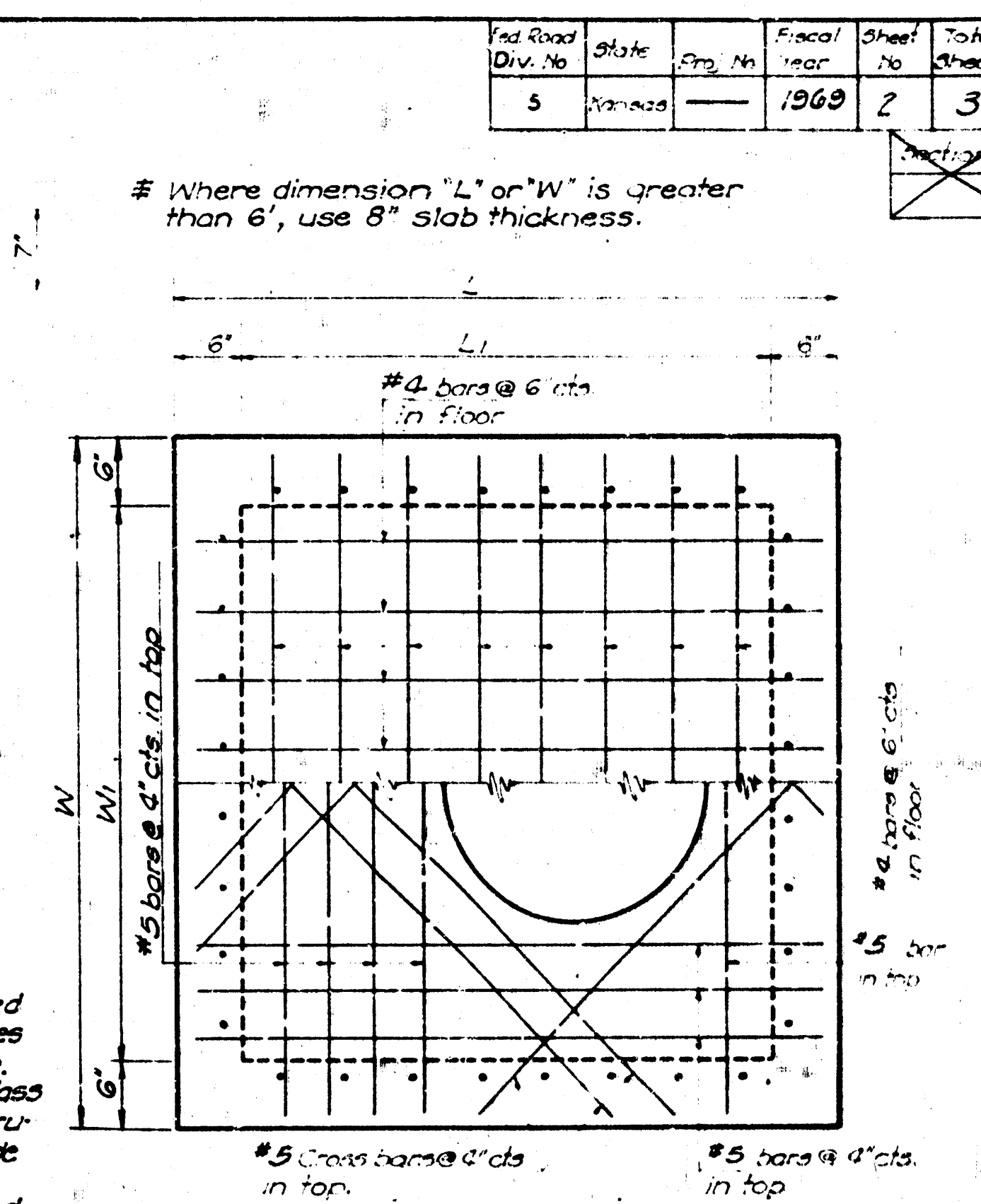
SECTION B-B (EXAMPLE I)

NOTE: Class A concrete to be used throughout. Bevel all exposed edges with a 3" triangular moulding. If the contractor's option Class A concrete (A2) may be used throughout, but payment shall be made as Quotas of Class A concrete. In general, pipes will enter and leave the manhole at various positions. Where possible bend bars around pipes. Floor of manhole to be shaped as shown in various "EXAMPLES" with unreinforced Class A concrete. Manhole opening and steps, where used, shall be placed to afford easy access to top of shaped invert. Top reinforcing bars to be adjusted accordingly. All castings shall be gray iron and shall comply with ASTM A-48, Class 25. All exposed cast iron surfaces (rings & covers) not subjected to traffic, shall be painted either in the shop or in the field with one coat of a zinc dust paint, followed by two field coats of aluminum paint. No deductions in concrete quantities shall be made for pipe openings. No additions in concrete quantities shall be made for shaping floor of manholes. When so ordered by the Engineer, the top of the manhole shall be sloped slightly to approximately fit the ground line or other conditions.



CAST IRON STEP (Omit steps)
Weight - 10 Lbs.
Scale 1" = 1'

NOTE: Steps not to be used where "H" is less than 6 feet.

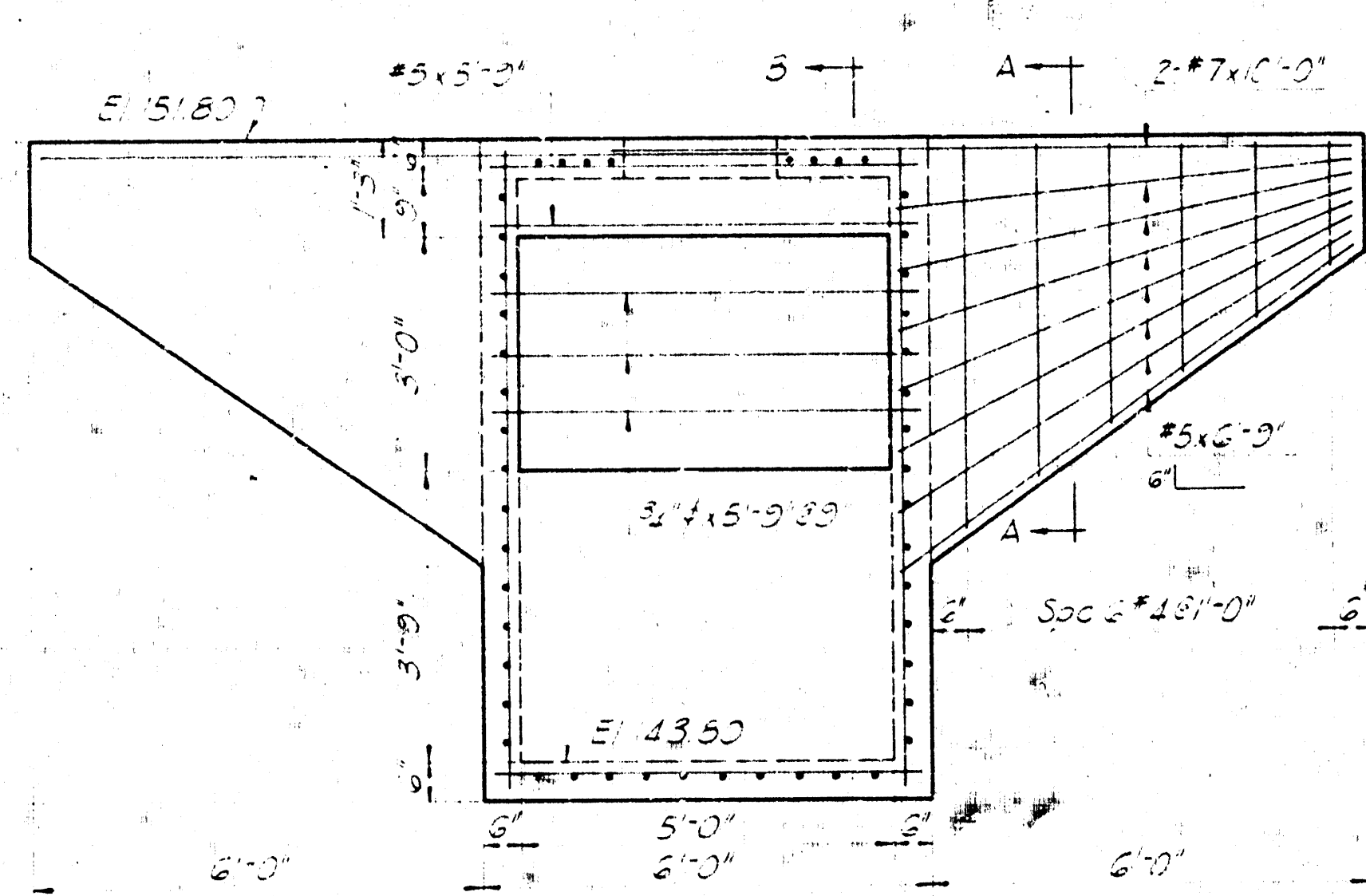


SECTION (Exclusive of floor shaping)

JUN 25 1969

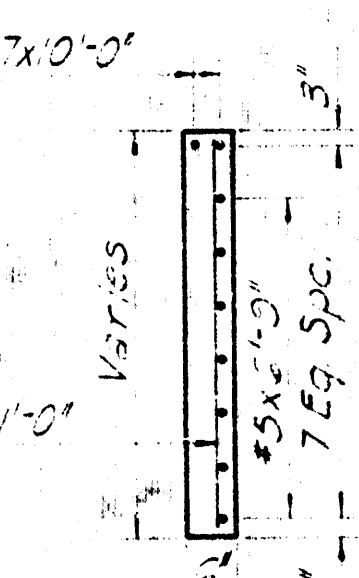
11	5-67	Slope top of manhole note	A.R.	KGL
10	10-66	Removed Cast, Block & Brick option	A.R.	KGL
9	8-66	To conform to 1966 Specs.	A.R.	EAR
NO.	DATE	REVISIONS	BY	APP'D
STATE HIGHWAY COMMISSION OF KANSAS				
REINFORCED CONCRETE MANHOLE				
STD. NO. 633 SCALE 1 inch = 1 foot (F - 20' x 36' sheet)				
DESIGNED BY A.E. DATE 5-59 DETAIL BY H.A.B. TRACED BY H.A.B.				
CHECKED BY A.L.P. APPROVED BY J.N. Linnell DATE 4-5-69				

PROJECT NO.	STATE	PROJECT NAME	SHEET NO.	TOTAL SHEETS
5	KANSAS		3	3

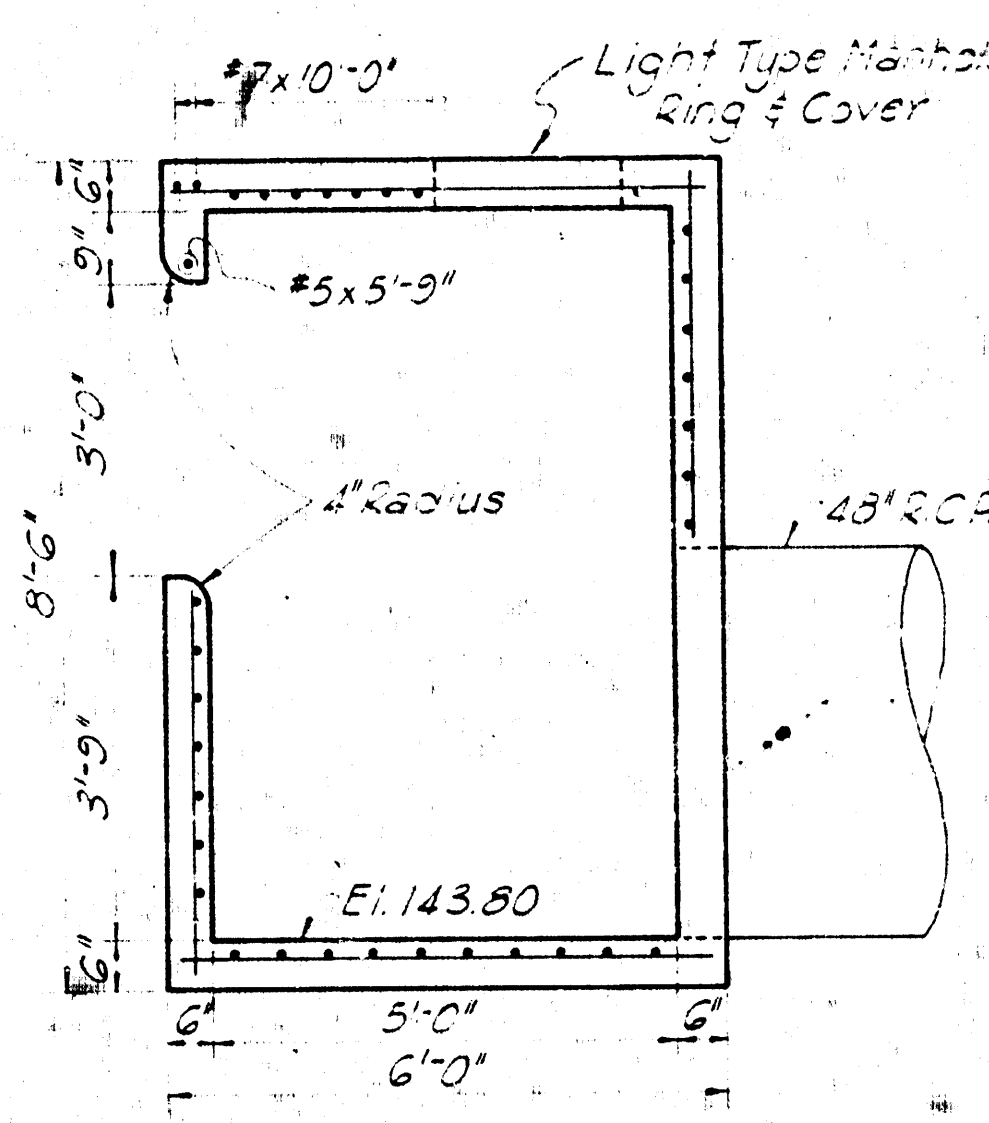


FRONT VIEW

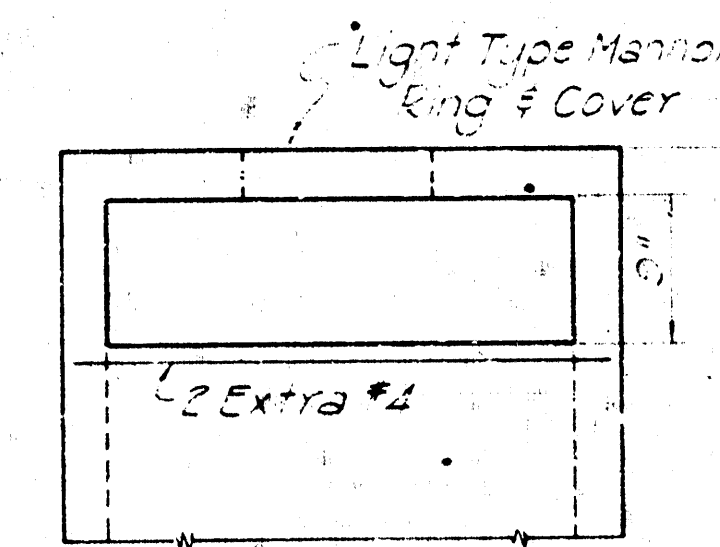
NOTE: All reinforcing to be 1/2" clear.



SECTION A-A

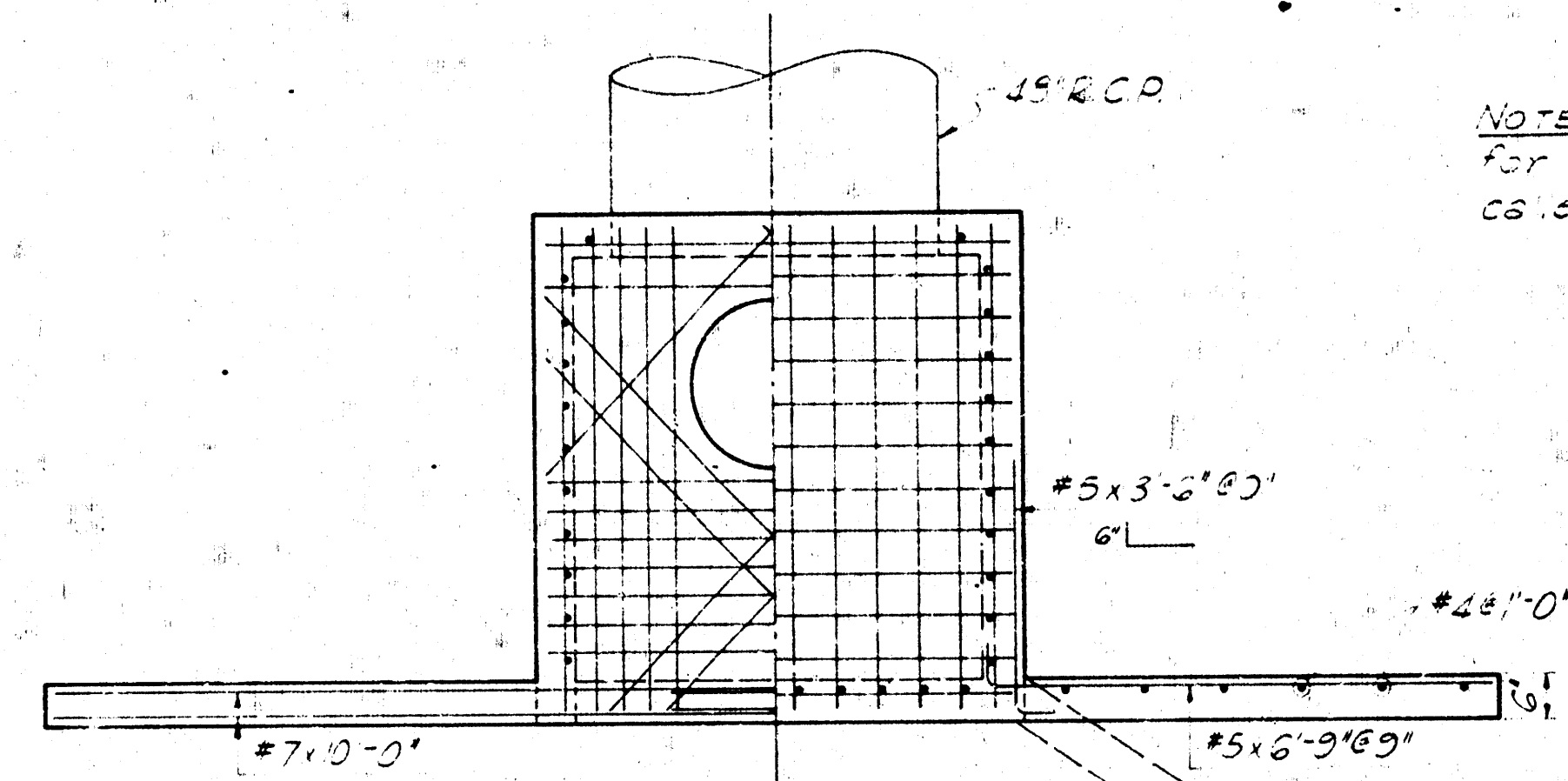


SECTION B-B



E143.80 Sta 6+80
E143.85 Sta 0+00
E143.80 Sta 16+00
(Adjust as required by field conditions)

TEMPORARY DRAIN
OPENING IN MANHOLES
Sta. 6+80 East side
Sta 10+00 NE side
Sta 16+00 No openings



PLAN

NOTE: See Standard Manhole sheet for size and spacing of bars not called out on this sheet.

DETAIL OF INLET STRUCTURE
STA. 16+42

JUN 25 1969

STORM SEWER	
LANEIN ADDITION	
AUXILIARY DETAILS	
R. S. DELAMATER CONSULTING ENGINEER WICHITA, KANSAS	DATE JUN 25 1969 SCALE 1"=4'-0"

SUS

