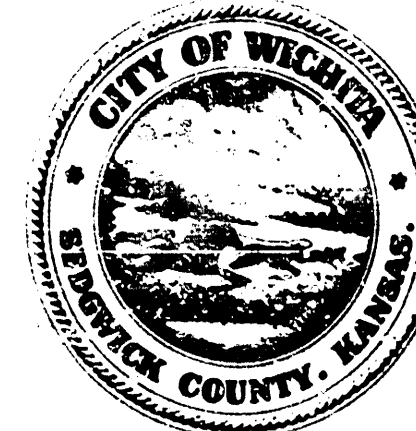


CITY OF WICHITA



SEDGWICK COUNTY, KANSAS

PART I
GRADING
DRAINAGE
PAVING

PART II
BRIDGE

GREIFFENSTEIN BRIDGE

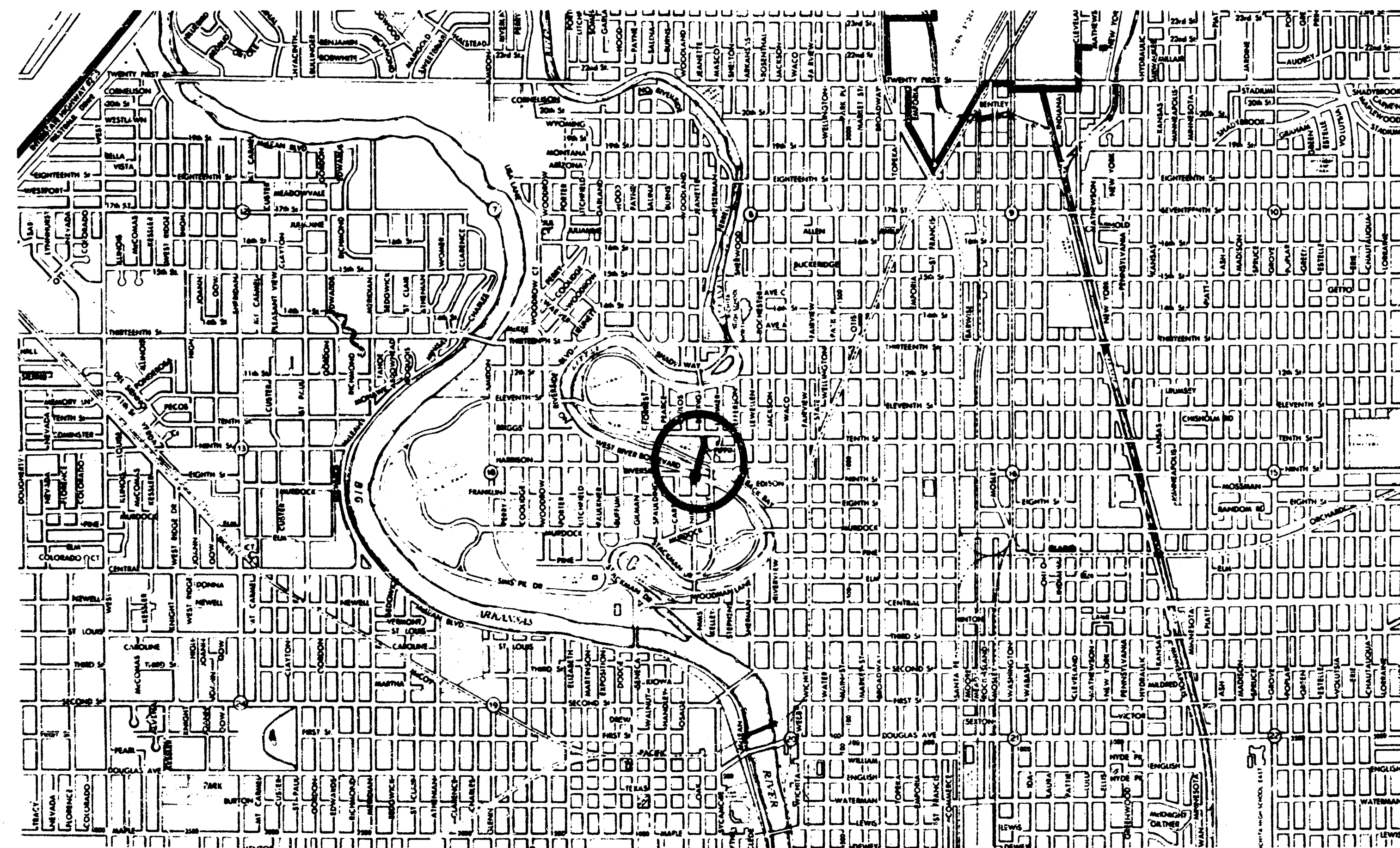
INDEX OF SHEETS

PART I

- TITLE SHEET
- 1-1 GENERAL LAYOUT
- 1-2 GRADING & DRAINAGE - PLAN & PROFILE
- 1-3 GRADING PLAN - ALTERNATES 1 & 2
- 1-4 TYPICAL SECTIONS
- 1-5 HEADWALL & MANHOLE DETAILS
- 1-6 DRAINAGE DETAILS

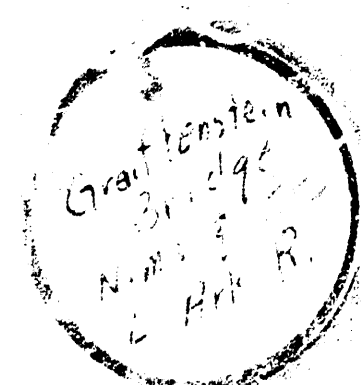
PART II

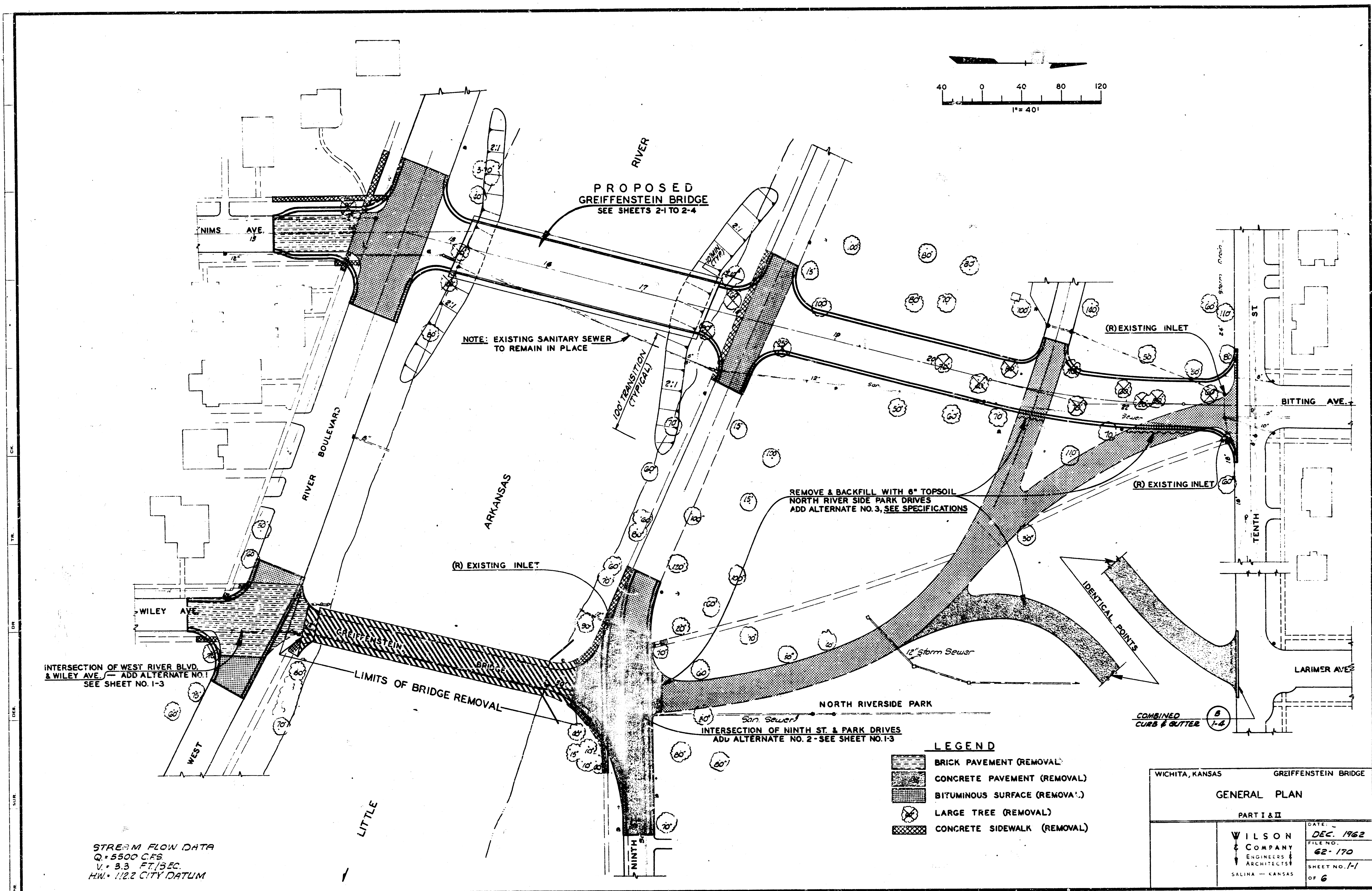
- 2-1 BRIDGE CONSTRUCTION LAYOUT
- 2-2 ABUTMENT & MISC. DETAILS
- 2-3 PIER & MISC. DETAILS
- 2-4 DECK REINFORCING



LITTLE ARKANSAS RIVER CROSSING

1962





INTERSECTION OF WEST RIVER BLVD.
& WILEY AVE. — ADD ALTERNATE NO. 1
SEE SHEET NO. 1-3

STREAM FLOW DATA
Q = 5500 CFS
V = 3.3 FT/SEC.
HW = 1122 CITY DATUM

LITTLE

LIMITS OF BRIDGE REMOVAL

(R) EXISTING INLET

ARKANSAS

PROPOSED
GREIFFENSTEIN BRIDGE
SEE SHEETS 2-1 TO 2-4

NOTE: EXISTING SANITARY SEWER
TO REMAIN IN PLACE

100' TRANSITION
(TYPICAL)

REMOVE & BACKFILL WITH 6" TOPSOIL
NORTH RIVER SIDE PARK DRIVES
ADD ALTERNATE NO. 3, SEE SPECIFICATIONS

INTERSECTION OF NINTH ST. & PARK DRIVES
ADD ALTERNATE NO. 2 - SEE SHEET NO. 1-3

NORTH RIVERSIDE PARK

12" storm sewer

COMBINED
CURB & GUTTER

IDENTICAL POINTS

(R) EXISTING INLET

(R) EXISTING INLET

LARIMER AVE

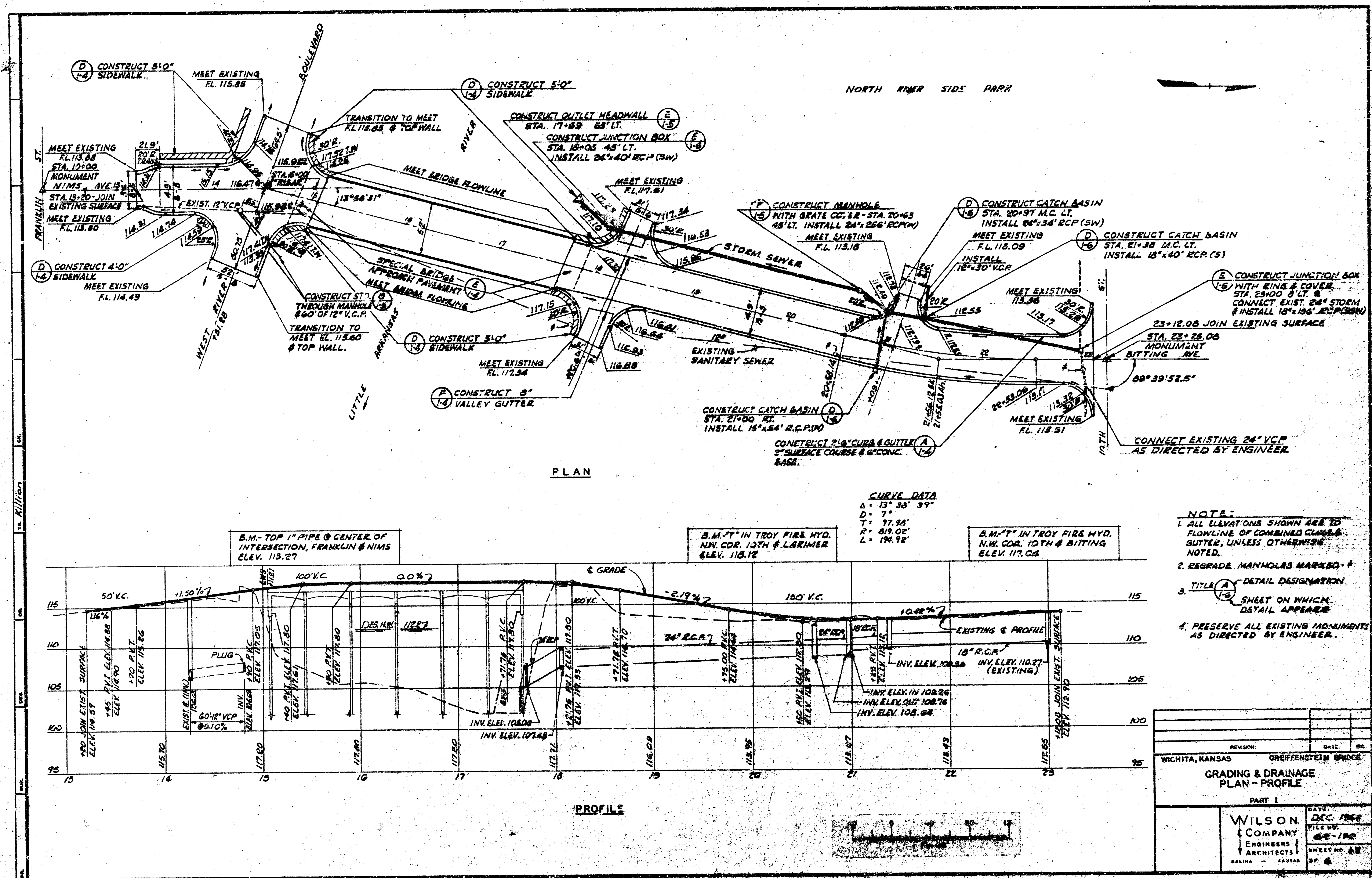
TENTH

BITTLING AVE

ST

- LEGEND
- BRICK PAVEMENT (REMOVAL)
 - CONCRETE PAVEMENT (REMOVAL)
 - BITUMINOUS SURFACE (REMOVAL)
 - LARGE TREE (REMOVAL)
 - CONCRETE SIDEWALK (REMOVAL)

WICHITA, KANSAS		GREIFFENSTEIN BRIDGE	
GENERAL PLAN			
PART I & II			
 WILSON & COMPANY ENGINEERS & ARCHITECTS SALINA — KANSAS	DATE: <u>DEC. 1962</u>		
	FILE NO. <u>62-170</u>		
	SHEET NO. <u>1-1</u>		
	OF <u>6</u>		



PR.	SUR.	DES.	DR.	TR. Kilion
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B.M. TOP 1" PIPE - SW COR. OF
WILEY AVE. & WEST RIVER DRIVE
ELEV. 114.77



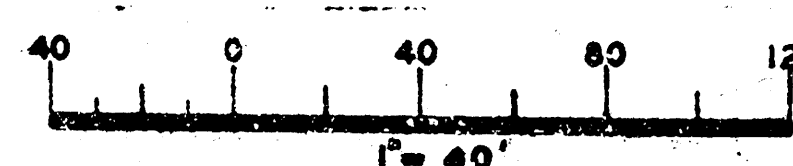
INTERSECTION OF WEST RIVER BLVD. & WILEY AVE.
ADD ALTERNATE NO. 1



B.M. "T" IN TROY FIRE HYDRANT
NW COR. OF 10TH & LARIMER
ELEV. 118.12

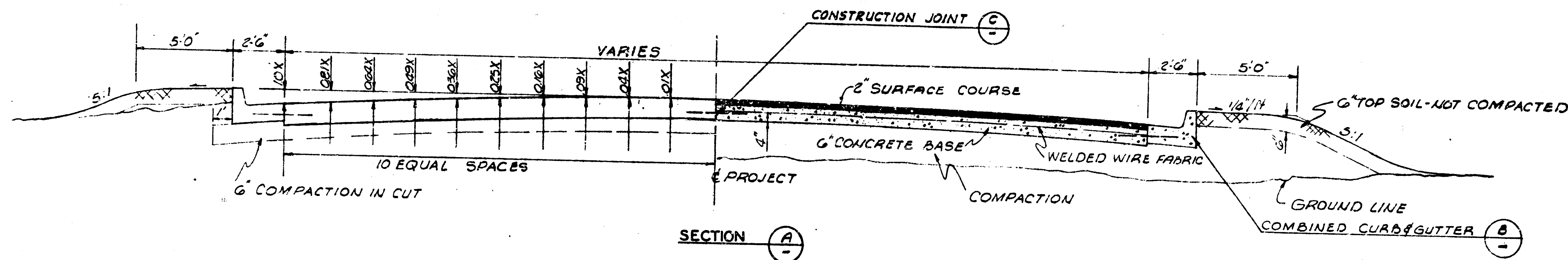


INTERSECTION OF NINTH ST. & PARK DRIVES
ADD ALTERNATE NO. 2

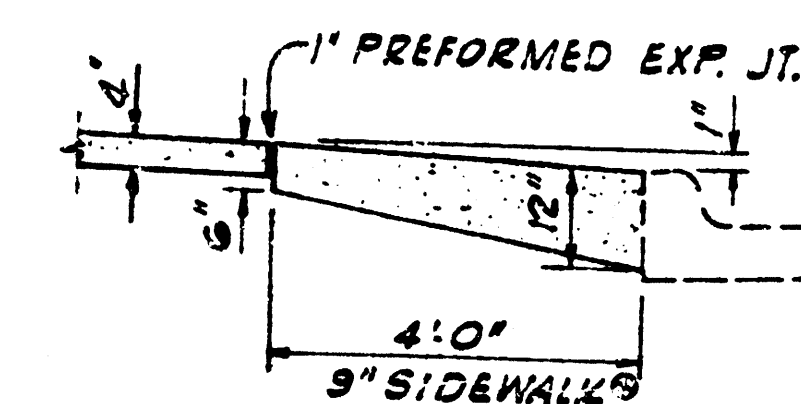
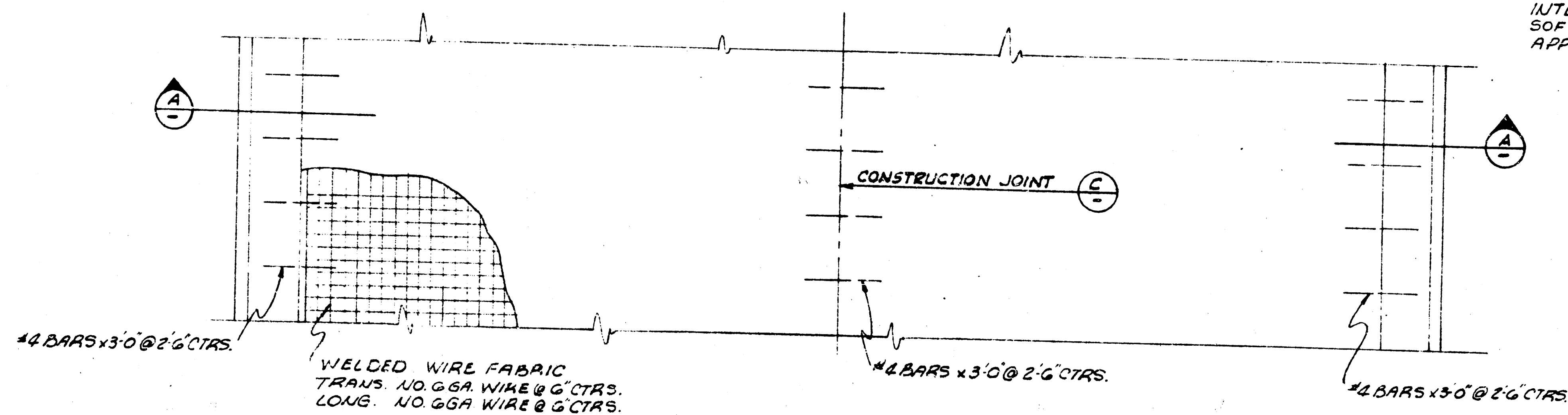


REVISION:		DATE:	BY:
WICHITA, KANSAS		GRIFFENSTEIN BRIDGE	
GRADING PLAN ALTERNATES 1 & 2			
PART 1			
		DATE: DEC. 1968 PLATE NO: 68-170 SHEET NO. 13 OF 6	

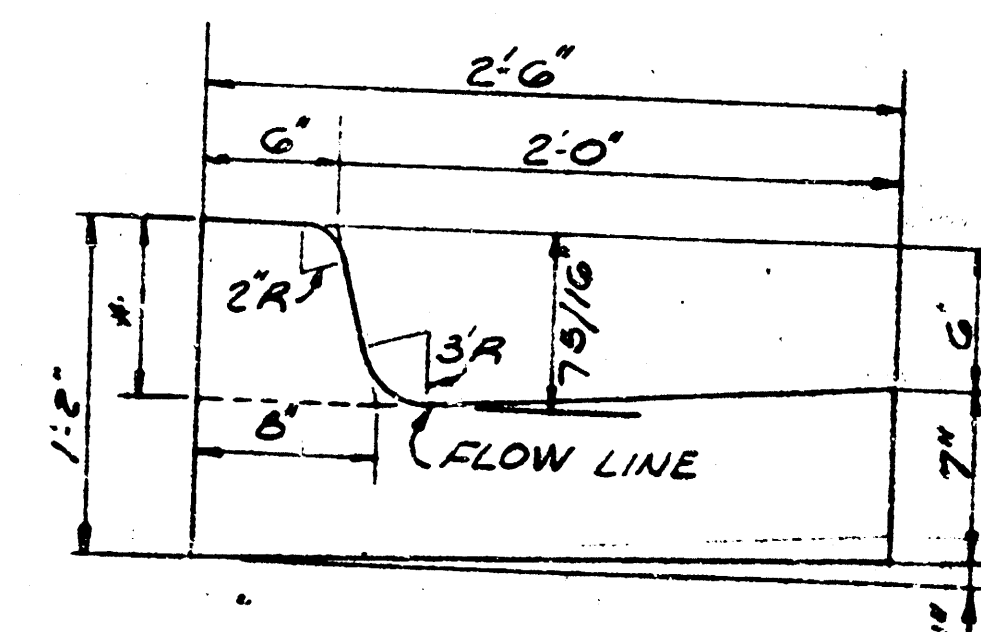
WIDTH-FEET BACK TO BACK	CROWN "X"
49 FOOT	.49 FOOT
36 FOOT	.36 FOOT
31 FOOT	.31 FOOT



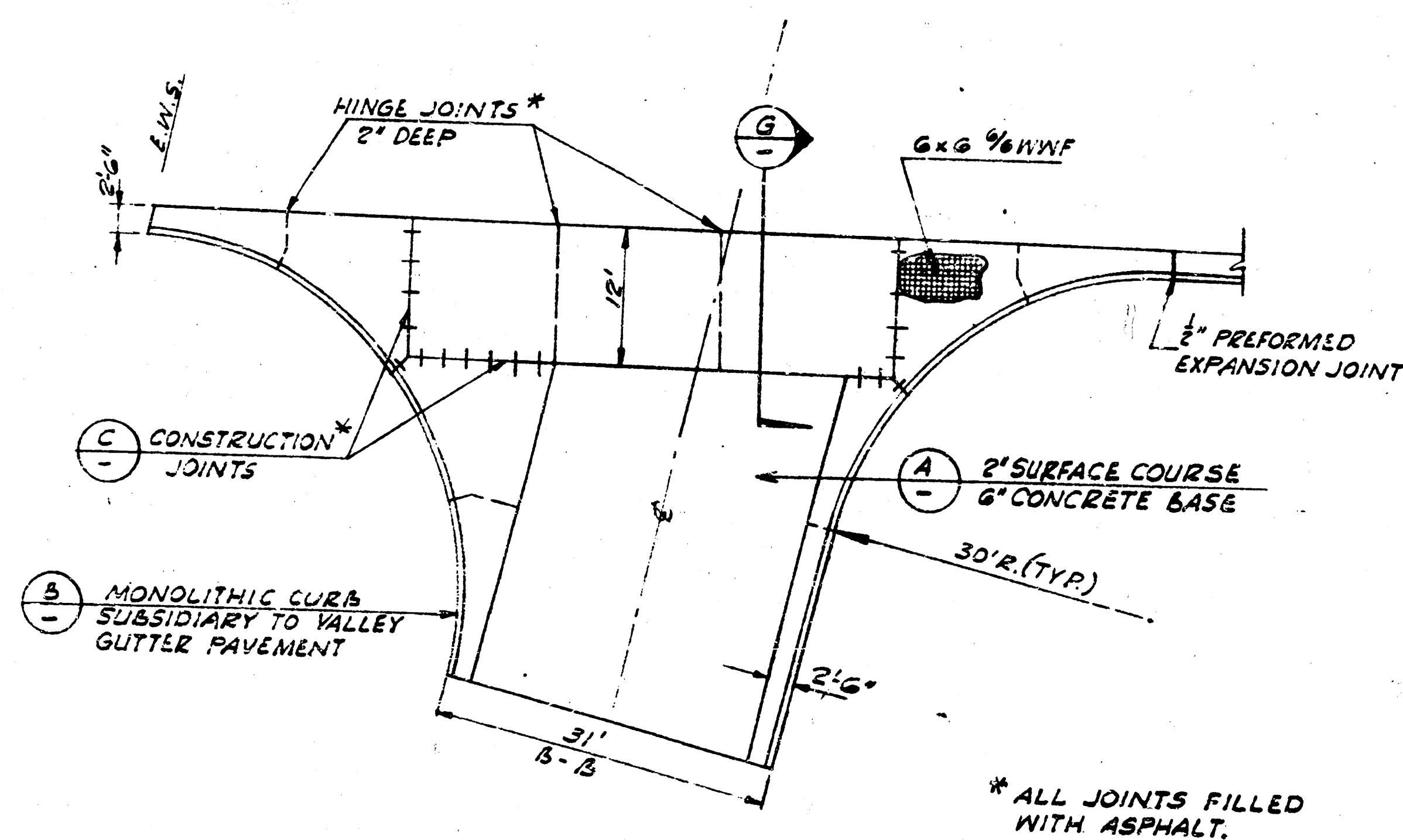
INTERSECTION OF ALL SLOPE LINES SHALL BE SOFTENED AND ROUNDED FOR PLEASING APPEARANCE.



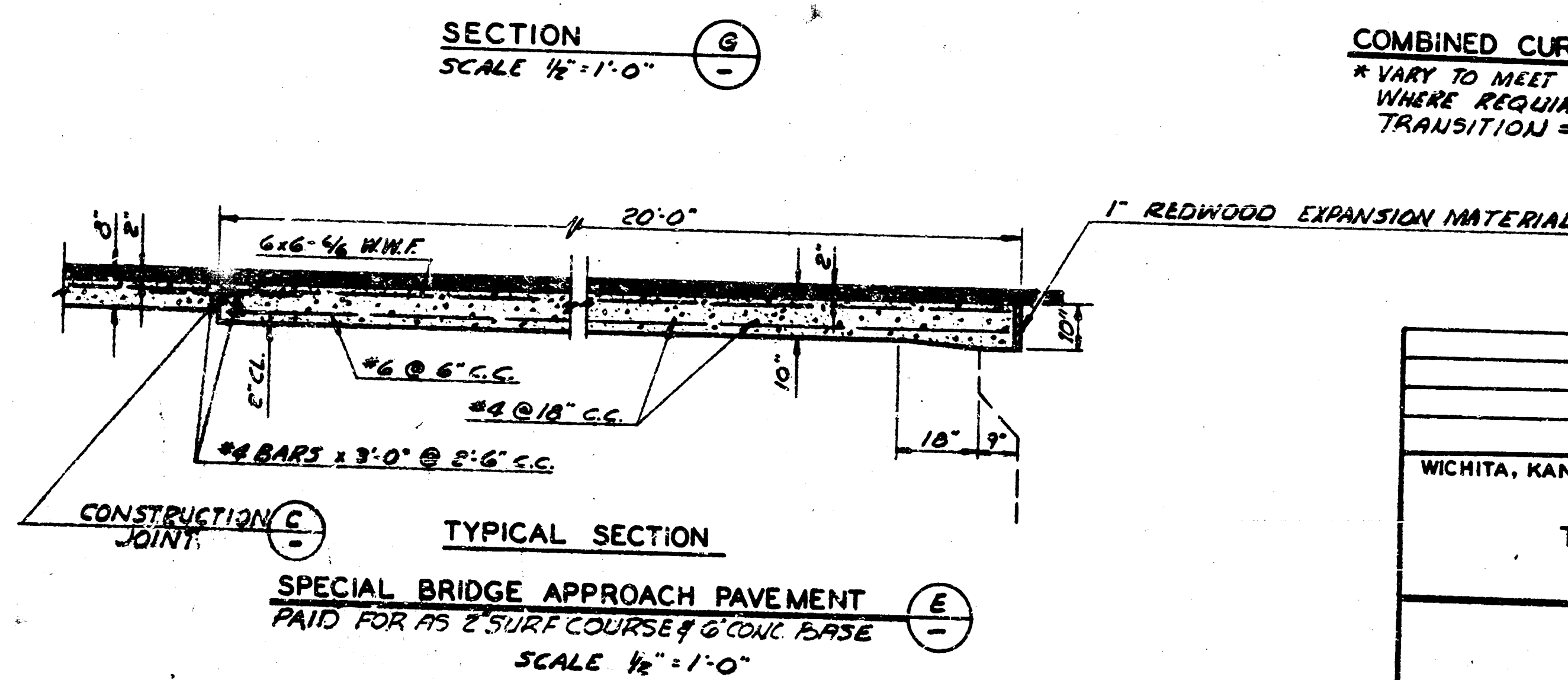
AT END OF SIDEWALK IN INTERSECTIONS OR AT BRIDGE ABUTMENT.



* VARY TO MEET EXISTING CURB WHERE REQUIRED LENGTH OF TRANSITION = 3 FEET MIN.

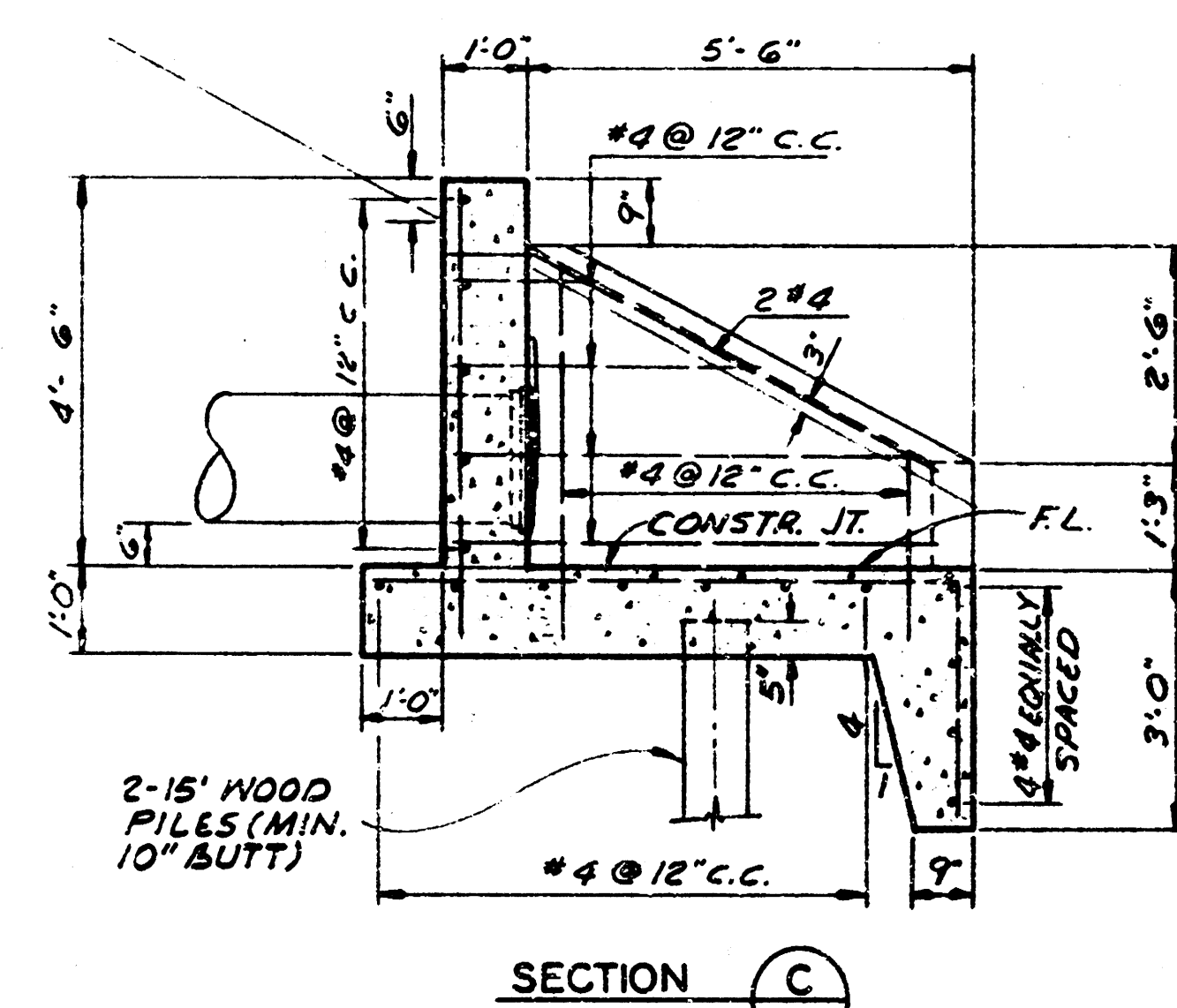
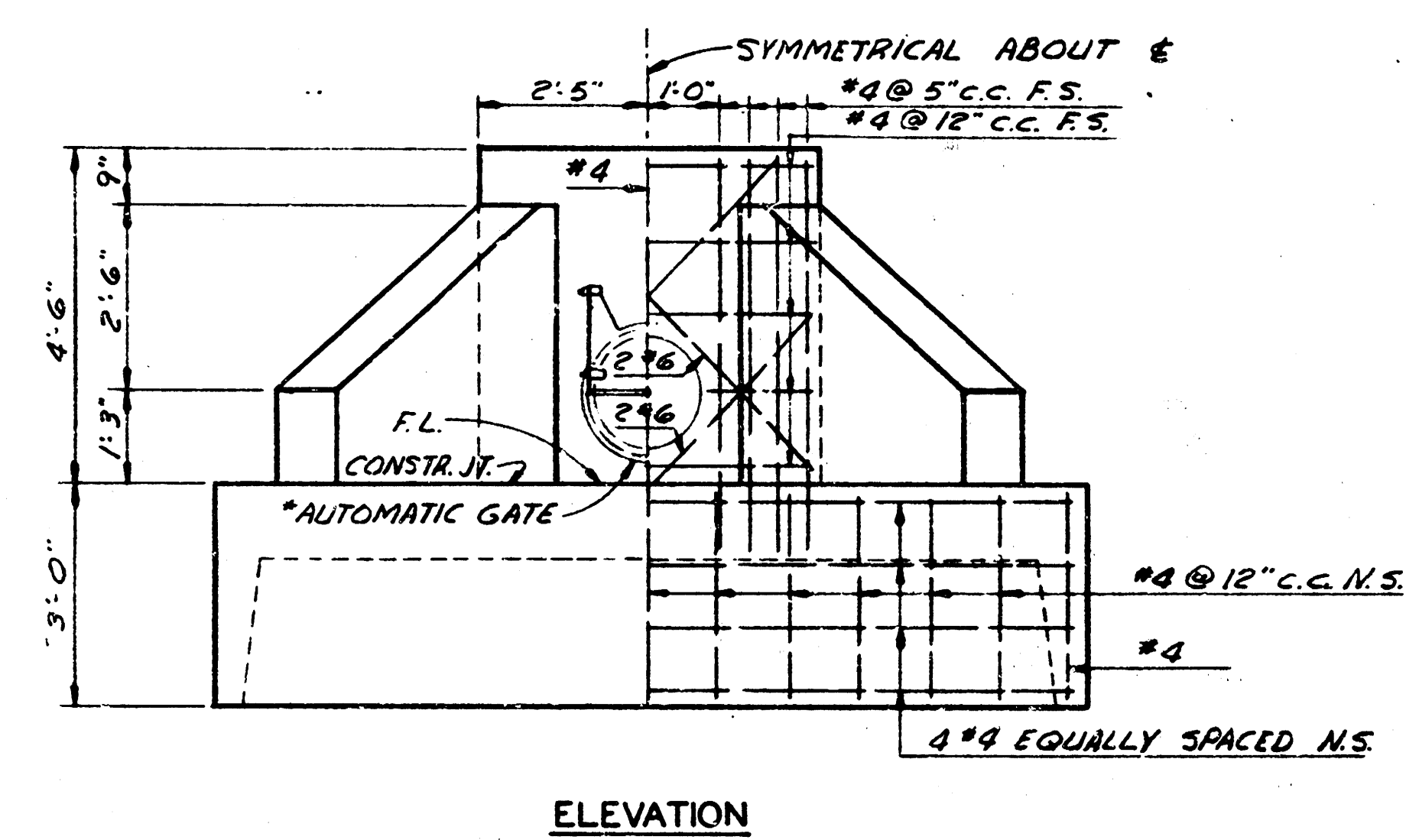
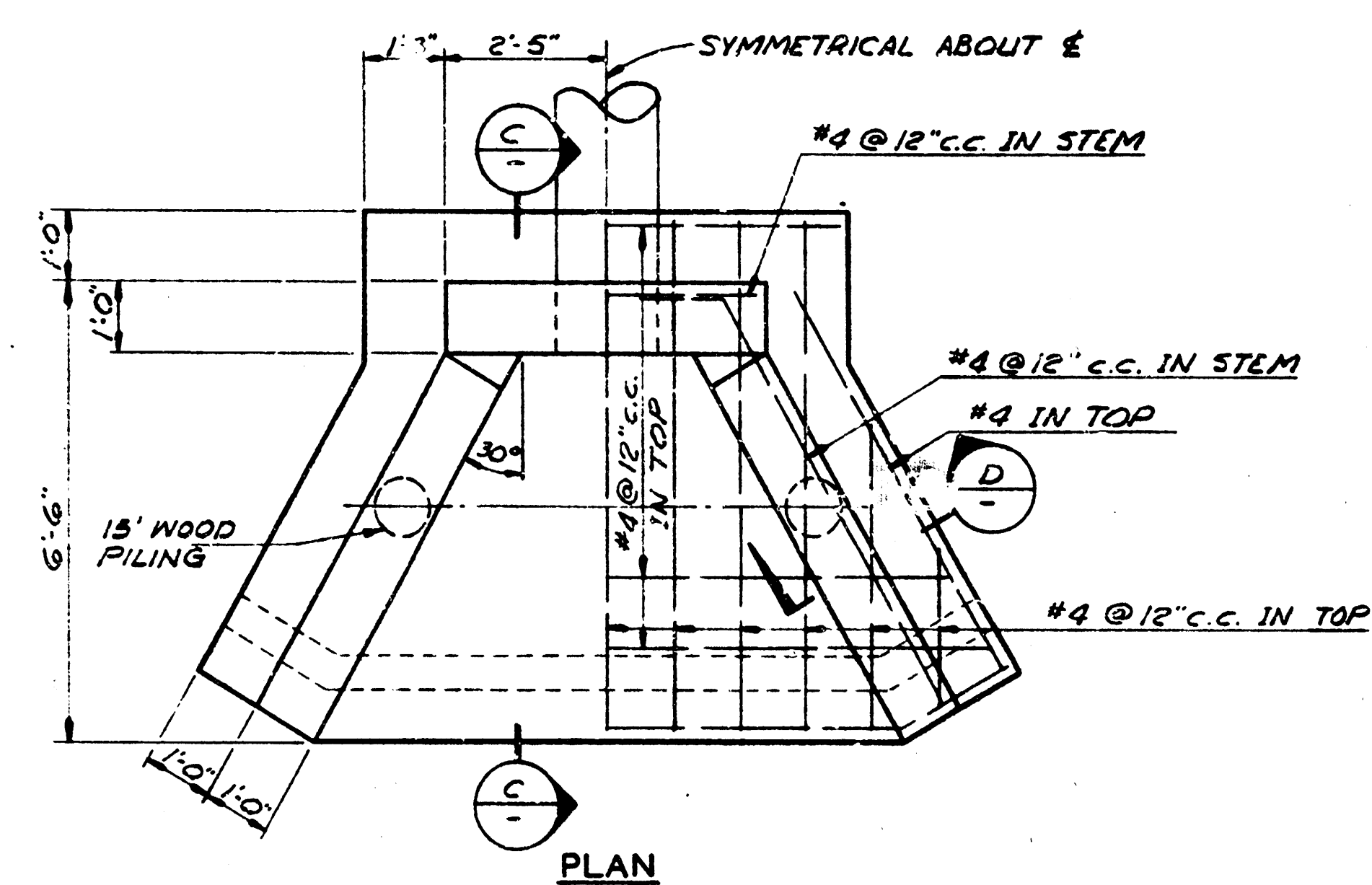


8" VALLEY GUTTER
SCALE 1"=1'-0"

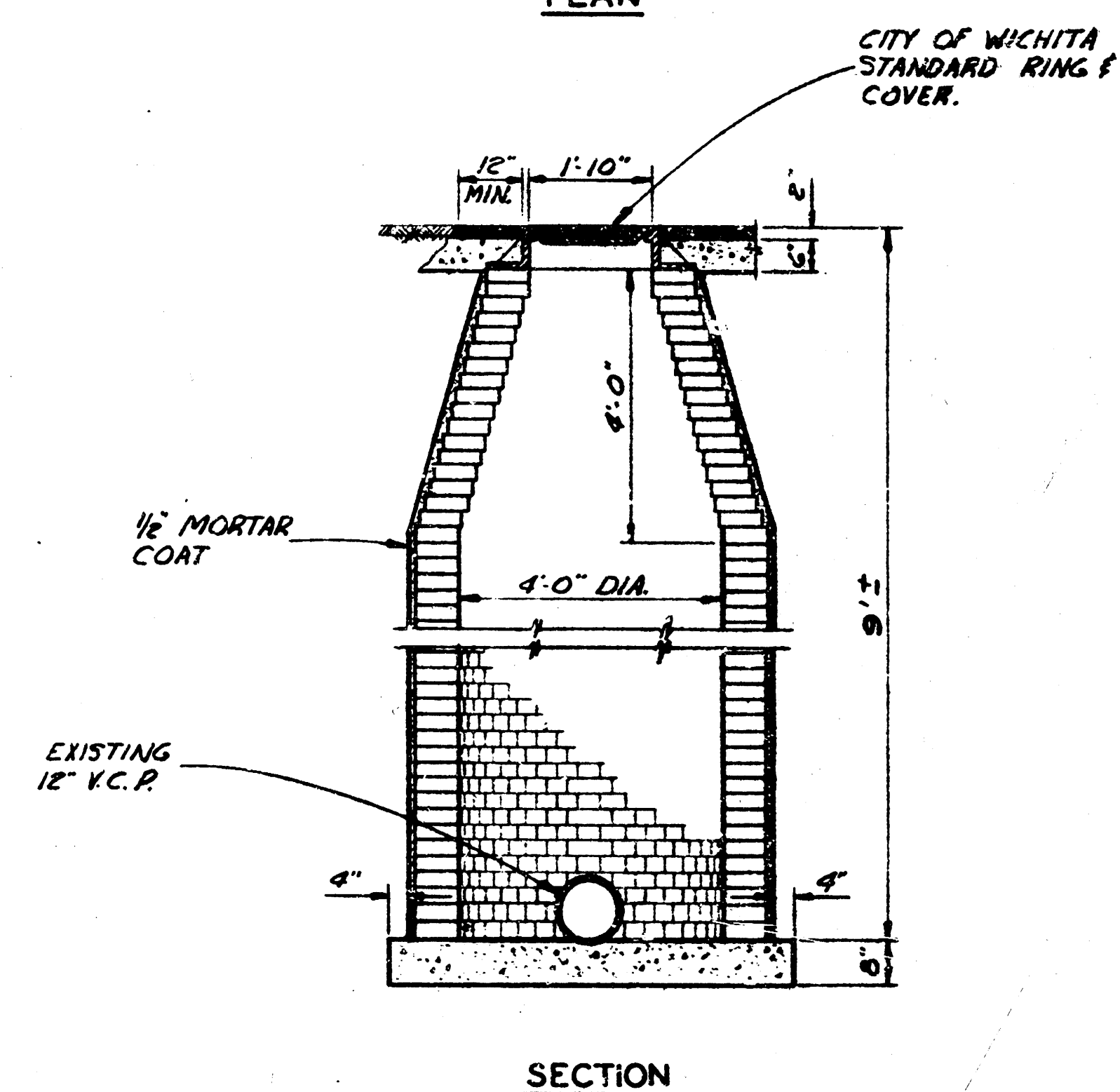
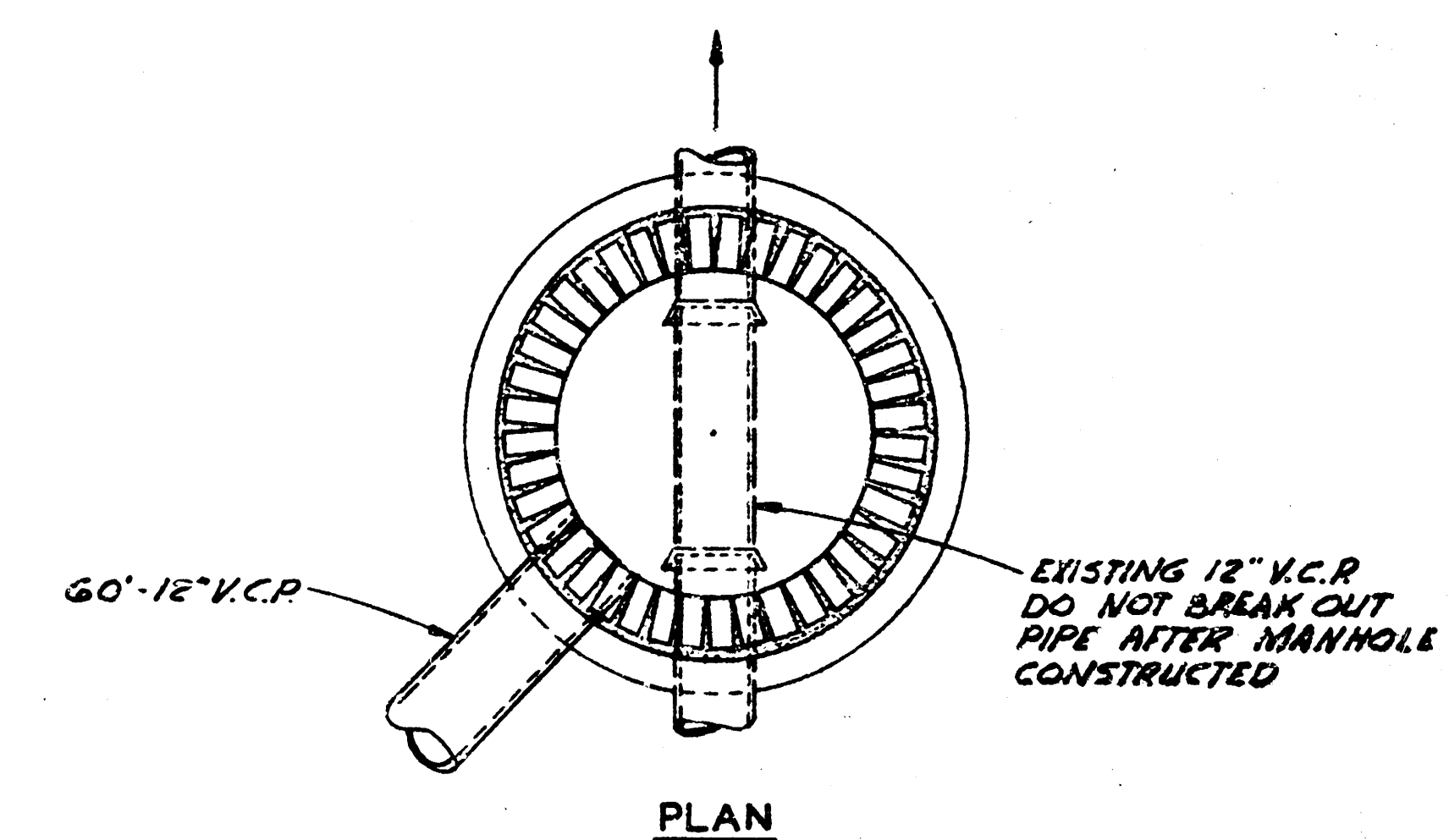
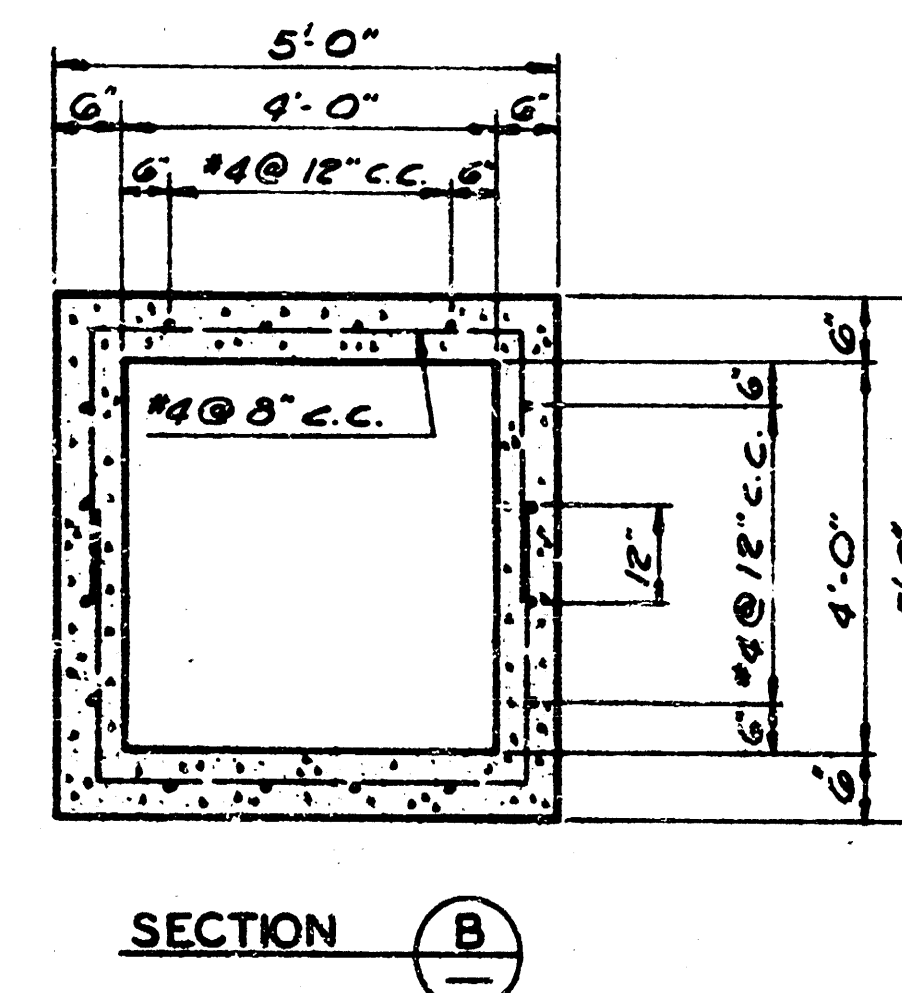
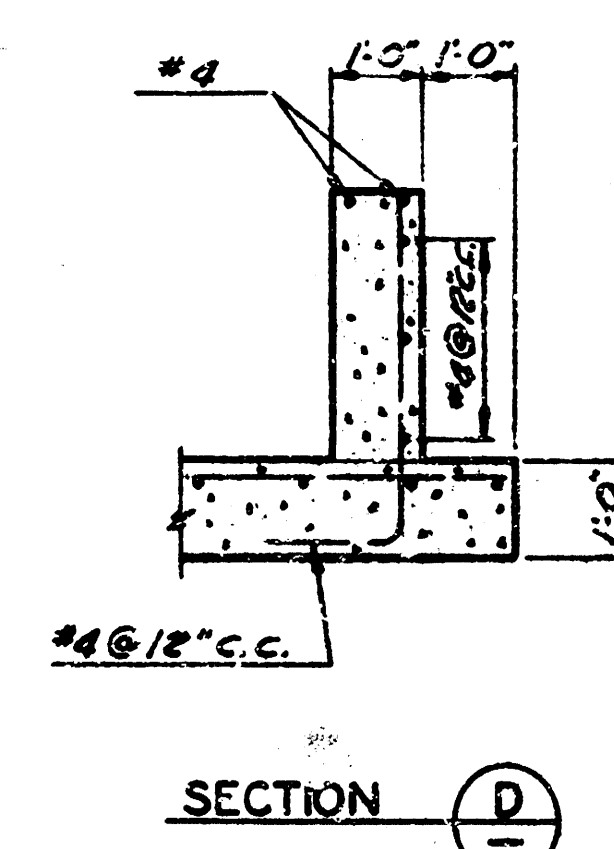
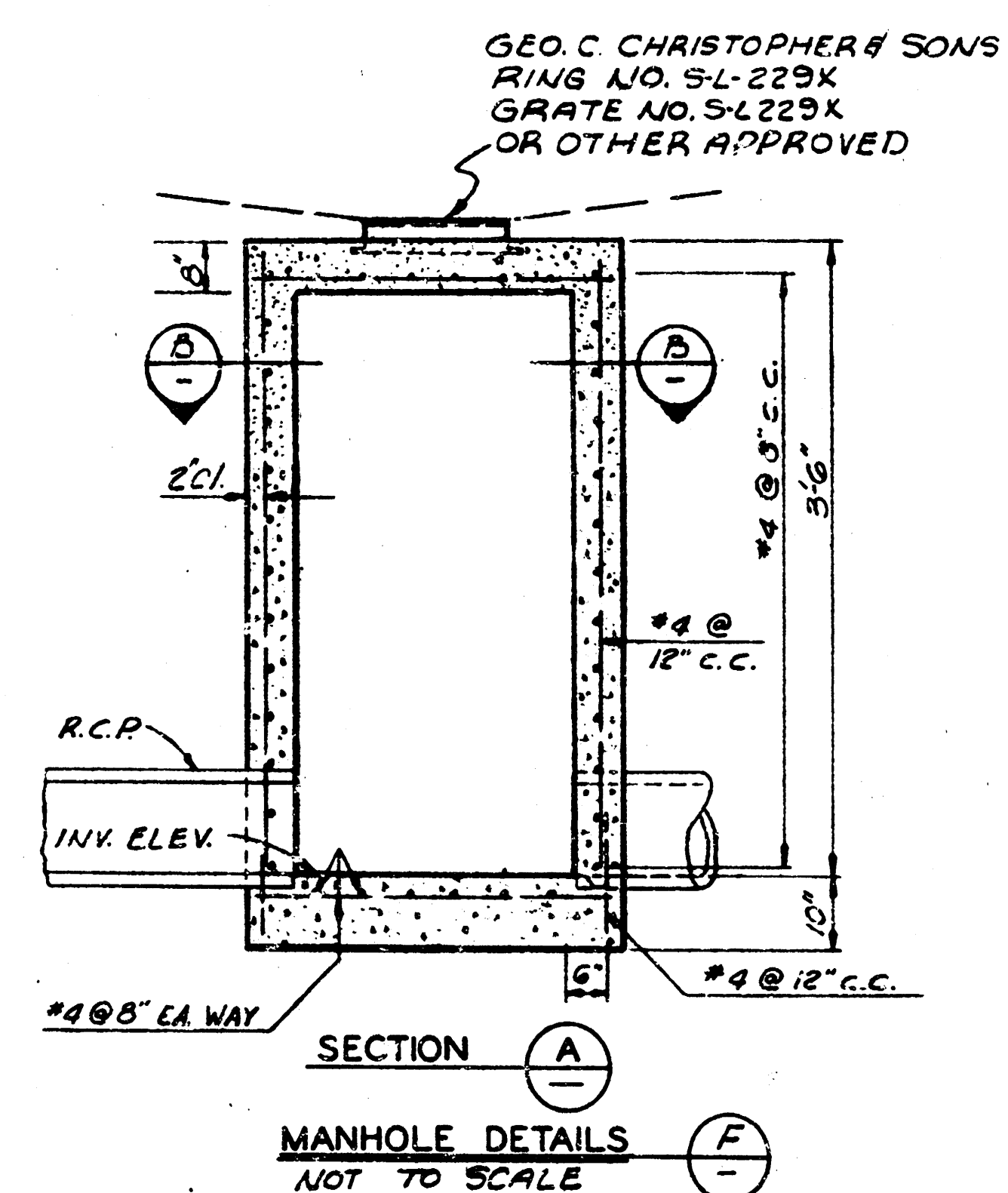
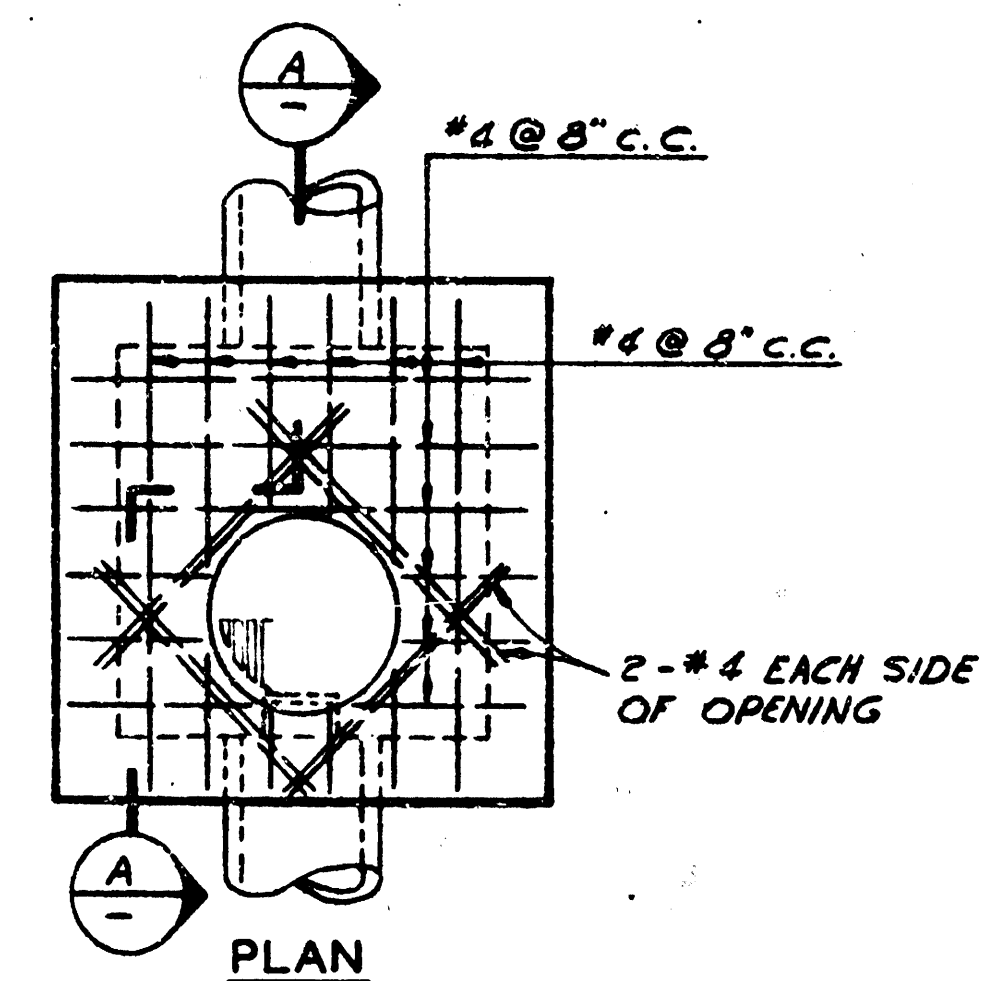


SPECIAL BRIDGE APPROACH PAVEMENT
PAID FOR AS 2" SURF COURSE & 6" CONC. BASE
SCALE 1/2"=1'-0"

REVISION:	DATE:	BY:
WICHITA, KANSAS	GREIFFENSTEIN BRIDGE	
TYPICAL SECTIONS		
PART I		
WILSON	DATE: DEC. 1992	
COMPANY	FILE NO. 68-170	
ENGINEERS	SHEET NO. 14	
ARCHITECTS	OF 6	
SALINA - KANSAS		



OUTLET HEADWALL FOR * E
SCALE: $\frac{1}{8}" = 1'-0"$
* 24" R.C.P. & 15" R.C.P.



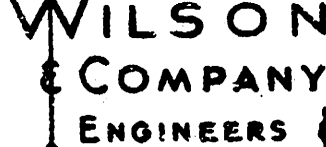
STANDARD THROUGH MANHOLE (G)
SCALE: $\frac{1}{2}'' = 1'-0''$

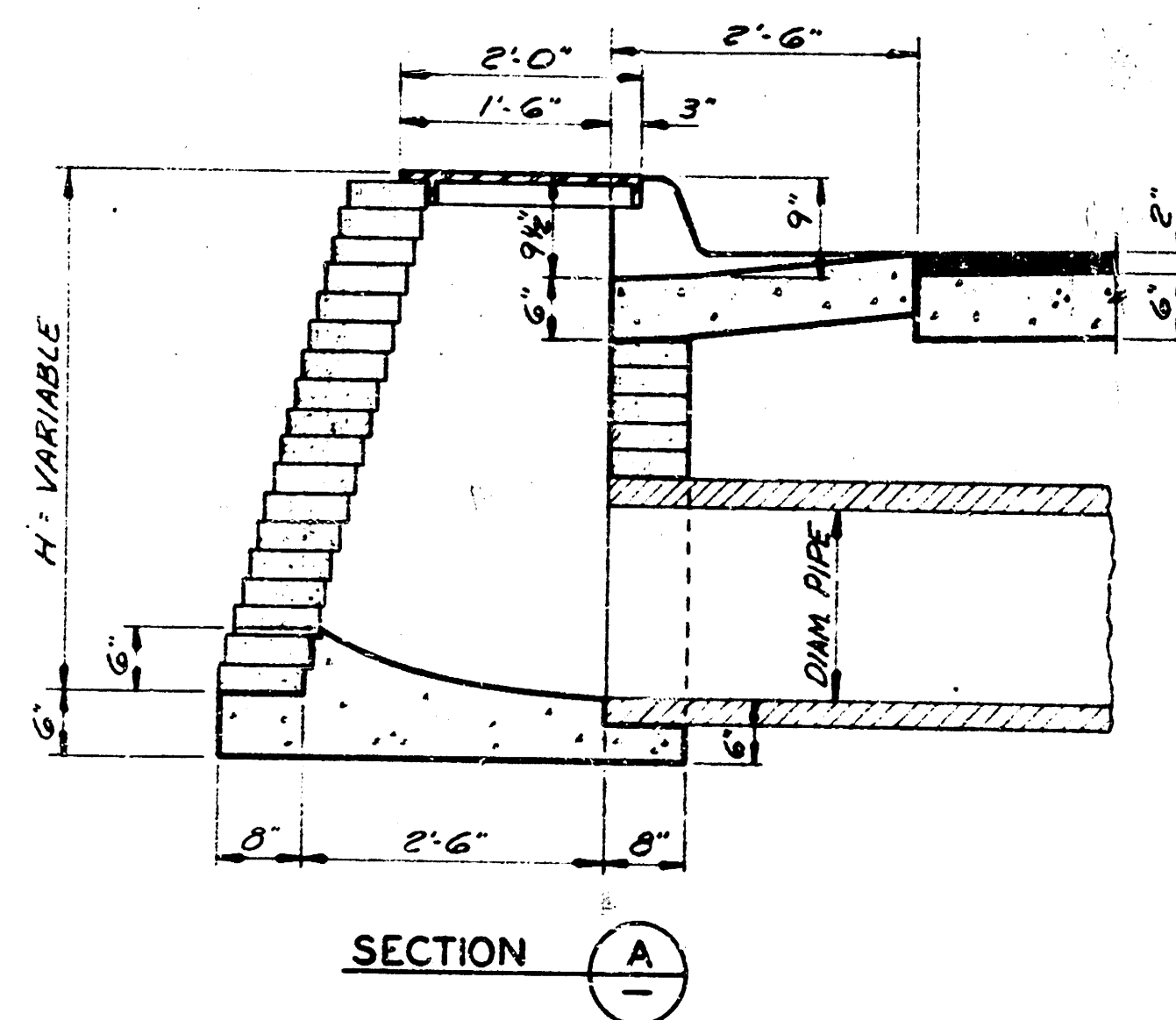
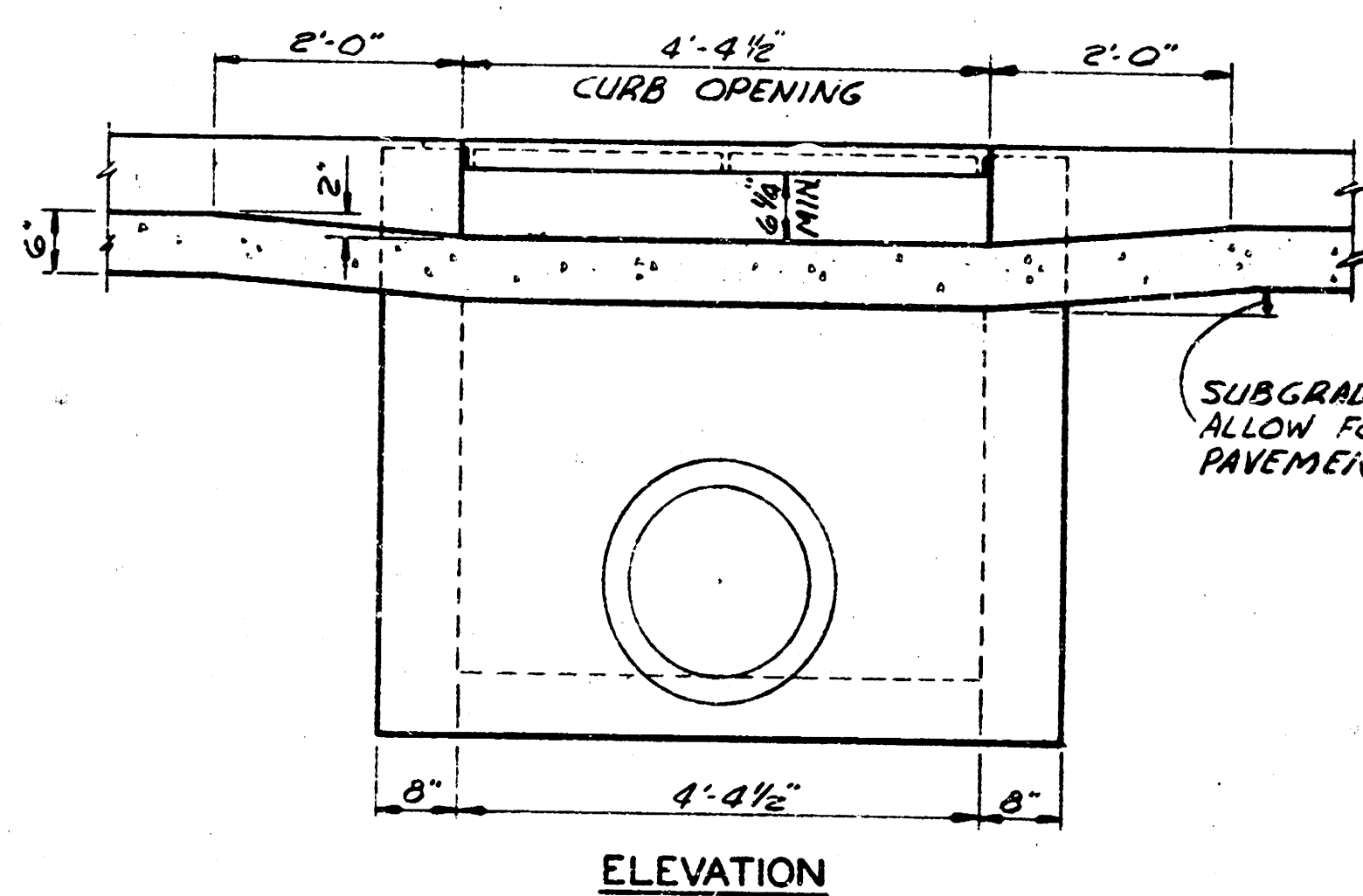
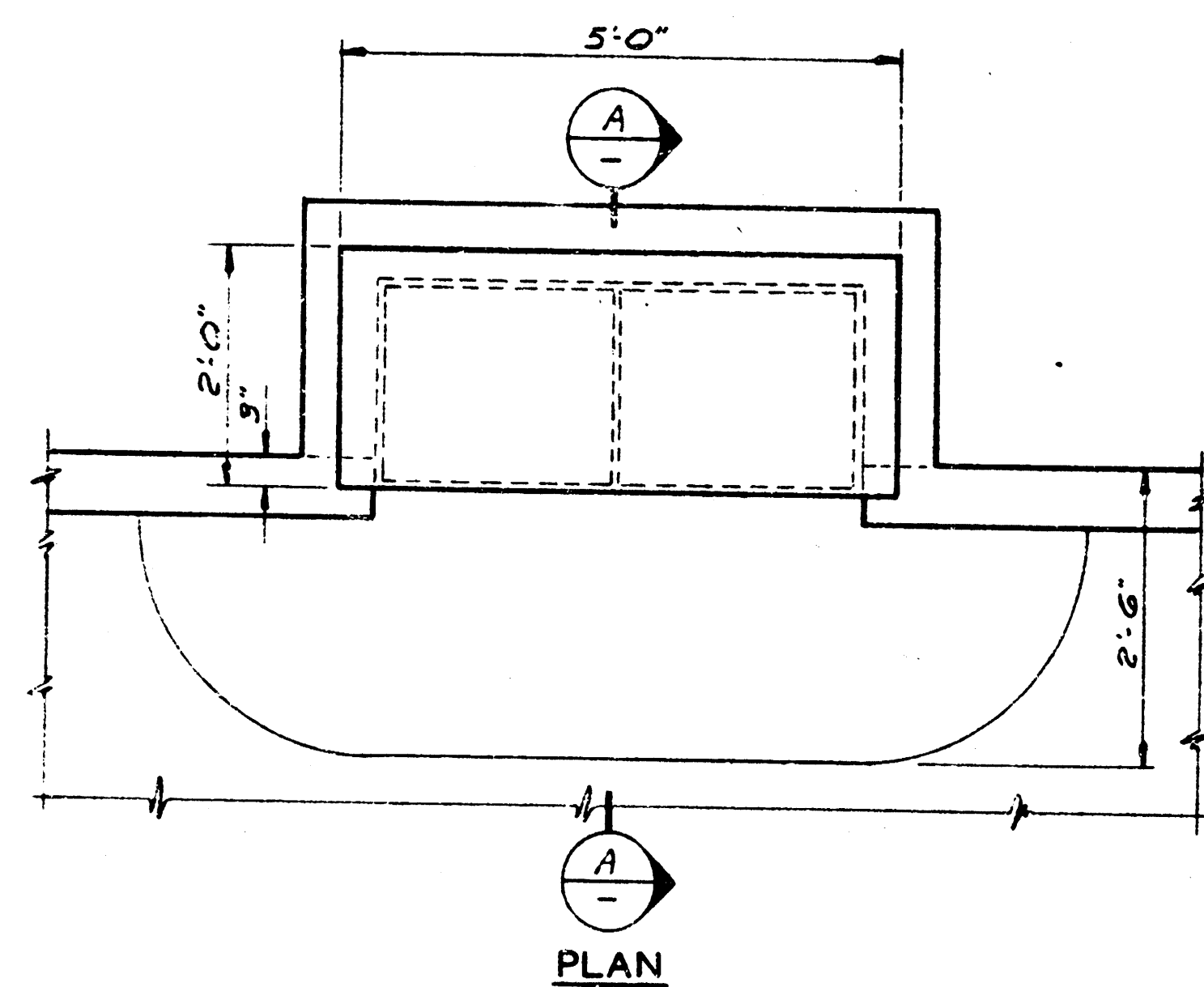
REVISION:		DATE:	
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WICHITA, KANSAS
GRIFFENSTEIN BRIDGE

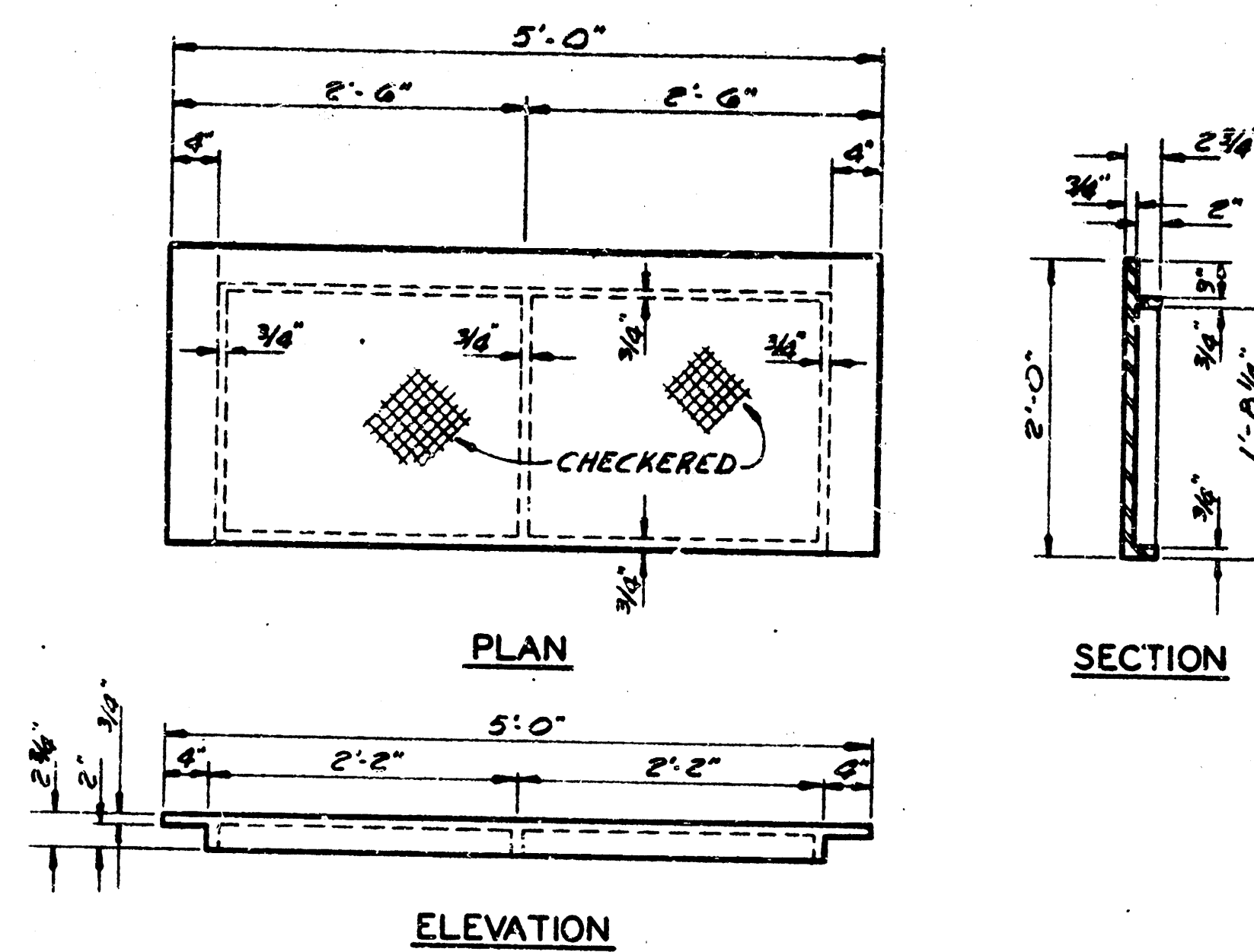
HEADWALL & MANHOLE DETAILS

PART I

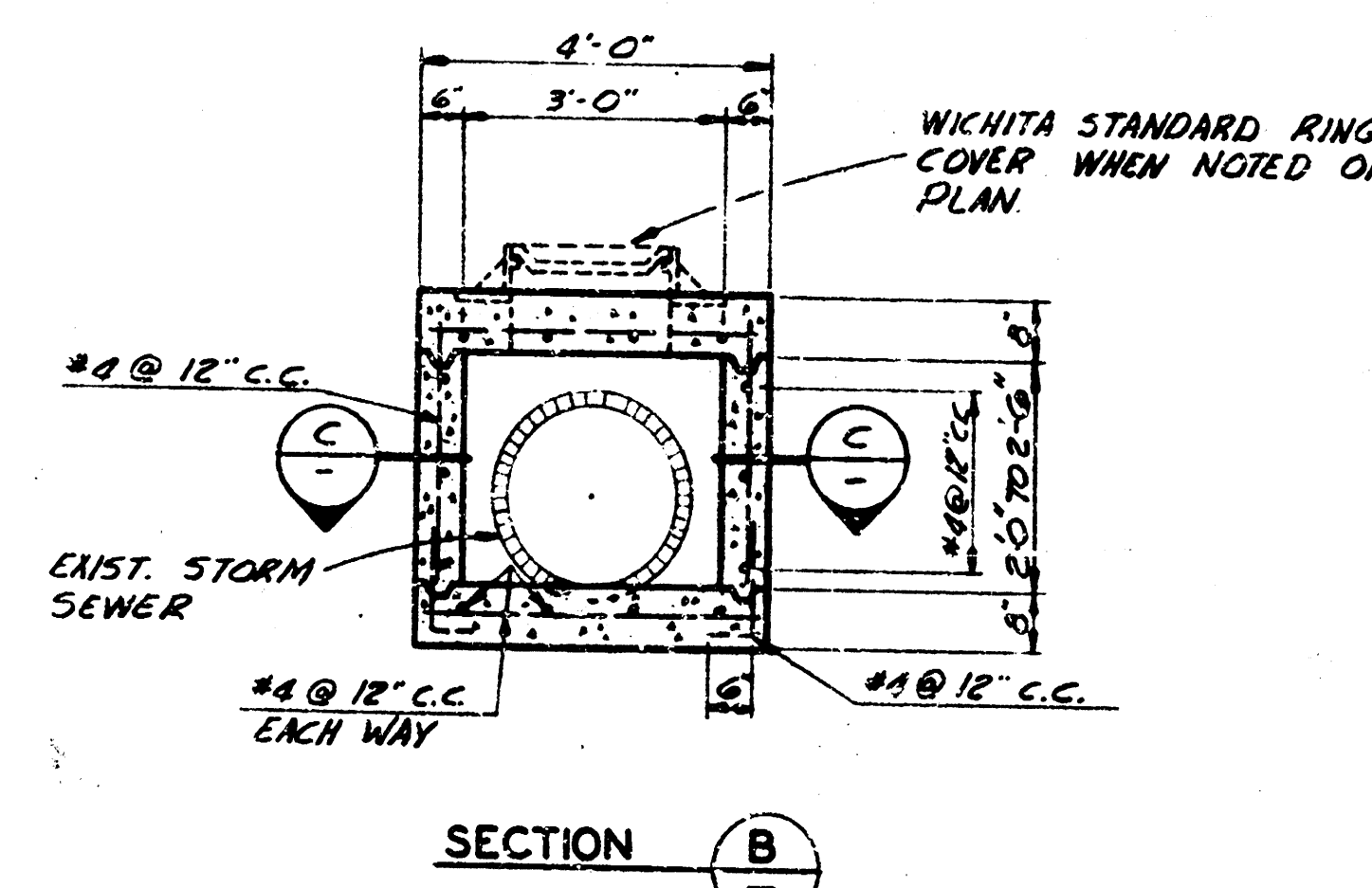
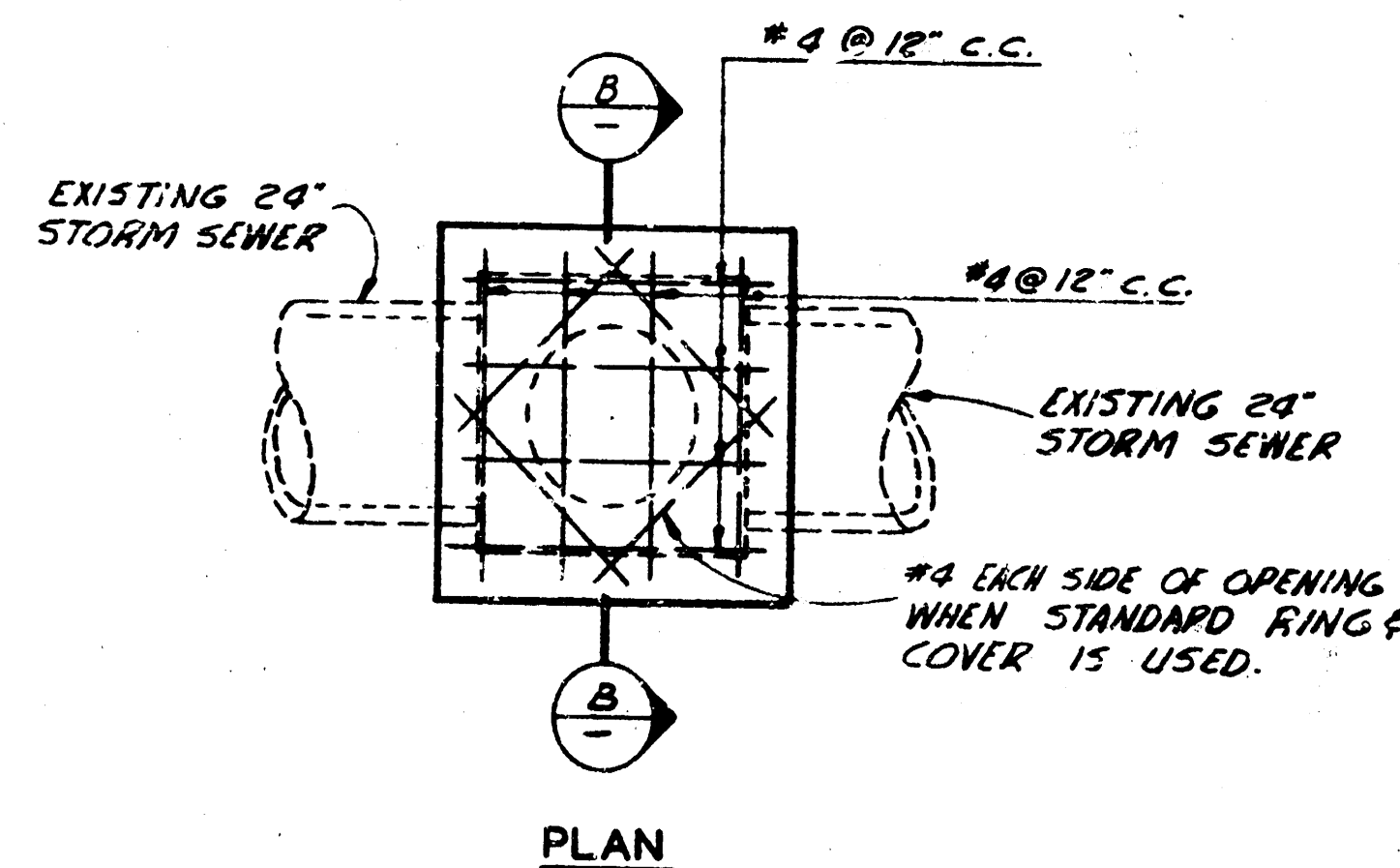
 WILSON COMPANY ↓ ENGINEERS ↓ ARCHITECTS SALINA — KANSAS	DATE: DEC. 1962 FILE NO. 62-170 SHEET NO. 15 OF 6
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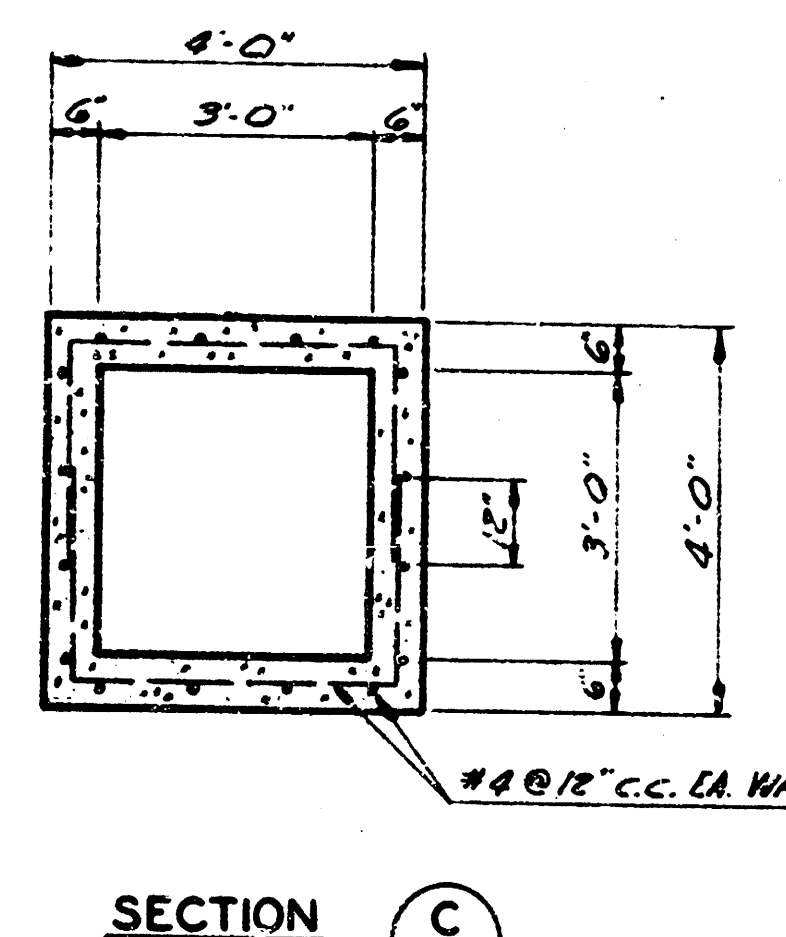
STANDARD CATCH BASIN (D)
SCALE: 3/4" = 1'-0"



CITY OF WICHITA CAST IRON INLET COVER
SCALE: 1" = 1'-0"
WEIGHT OF CASTING = 325 LBS.



JUNCTION BOX DETAILS (E)
SCALE: 1/2" = 1'-0"



SCHEDULE OF STRUCTURES					
STATION	SIDE	TYPE	TOP EL.	INV. EL.	H.
17+69	LT.	HW	-	105.00	-
18+05	LT.	JB	-	107.48	-
20+63	LT.	MH	112.33	108.64	3.69
20+97	LT.	CB	113.51	108.76	4.75
21+00	RT.	CB	113.07	108.57	4.50
21+38	LT.	CB	113.16	108.56	4.60
23+00	LT.	JB	113.83	110.27	3.56
23+03	RT.	JB	-	110.55	3.00
*2+90	RT.	CB	117.66	113.66	4.00
*2+90	RT.	HW	-	105.00	-

* INTERSECTION OF NINTH ST. & PARK DRIVES
(ADD ALTERNATE NO. 2)

REVISION:	DATE:	BY:
WICHITA, KANSAS	GREIFFENSTEIN BRIDGE	
DRAINAGE DETAILS		
PART I		
WILSON & COMPANY	ENGINEERS	ARCHITECTS
DATE: DEC. 1962	FILE NO. 62-170	SHEET NO. 1-6
SALINA - KANSAS	OF 6	

