

CITY OF WICHITA



SEDGWICK COUNTY, KANSAS

PART I
GRADING
DRAINAGE
PAVING

PART II
BRIDGE

GREIFFENSTEIN BRIDGE

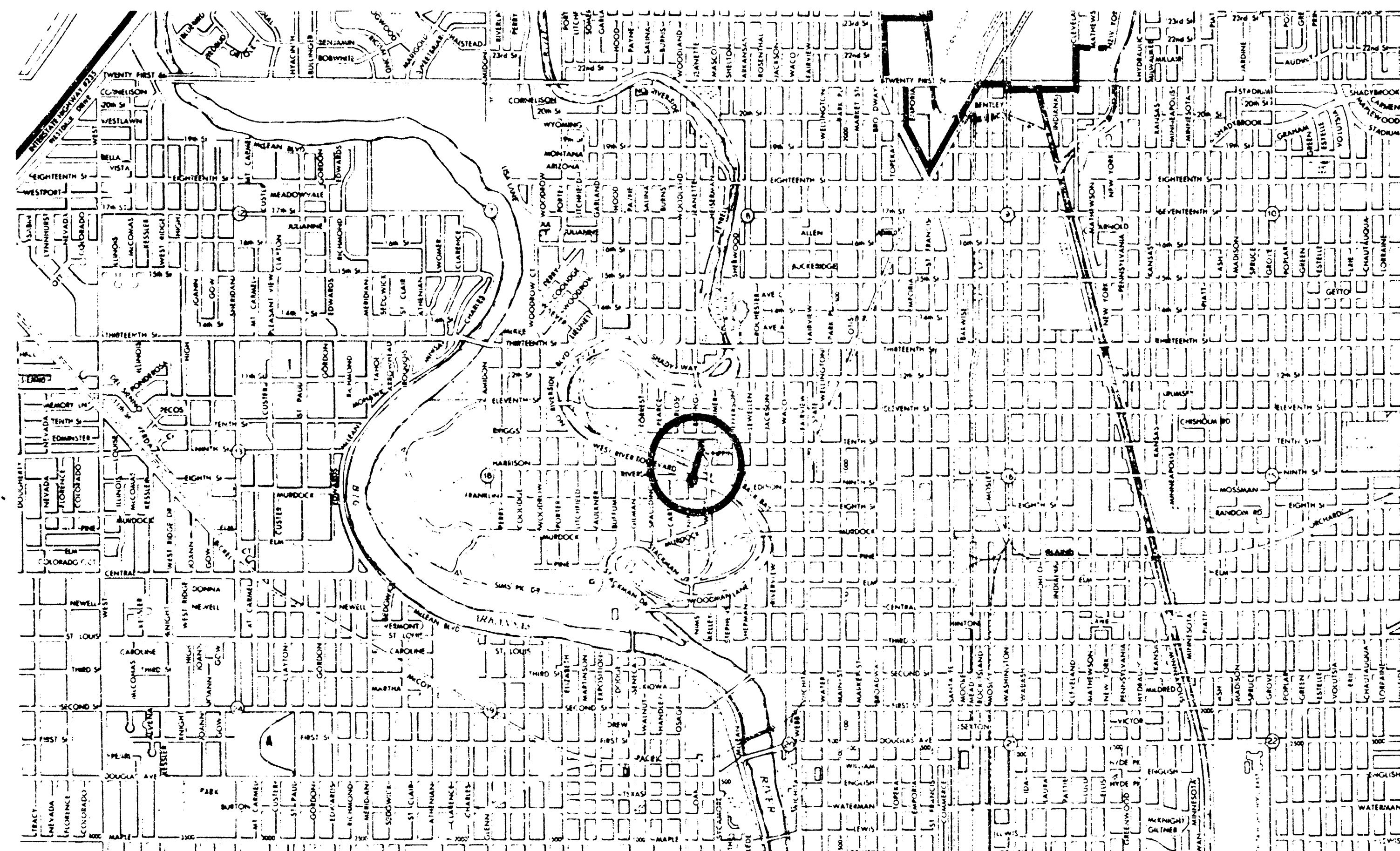
INDEX OF SHEETS

PART I

- 1-1 TITLE SHEET
- 1-2 GENERAL LAYOUT
- 1-3 GRADING & DRAINAGE - PLAN & PROFILE
- 1-4 GRADING PLAN - ALTERNATES 1 & 2
- 1-5 TYPICAL SECTIONS
- 1-6 HEADWALL & MANHOLE DETAILS
- 1-7 DRAINAGE DETAILS

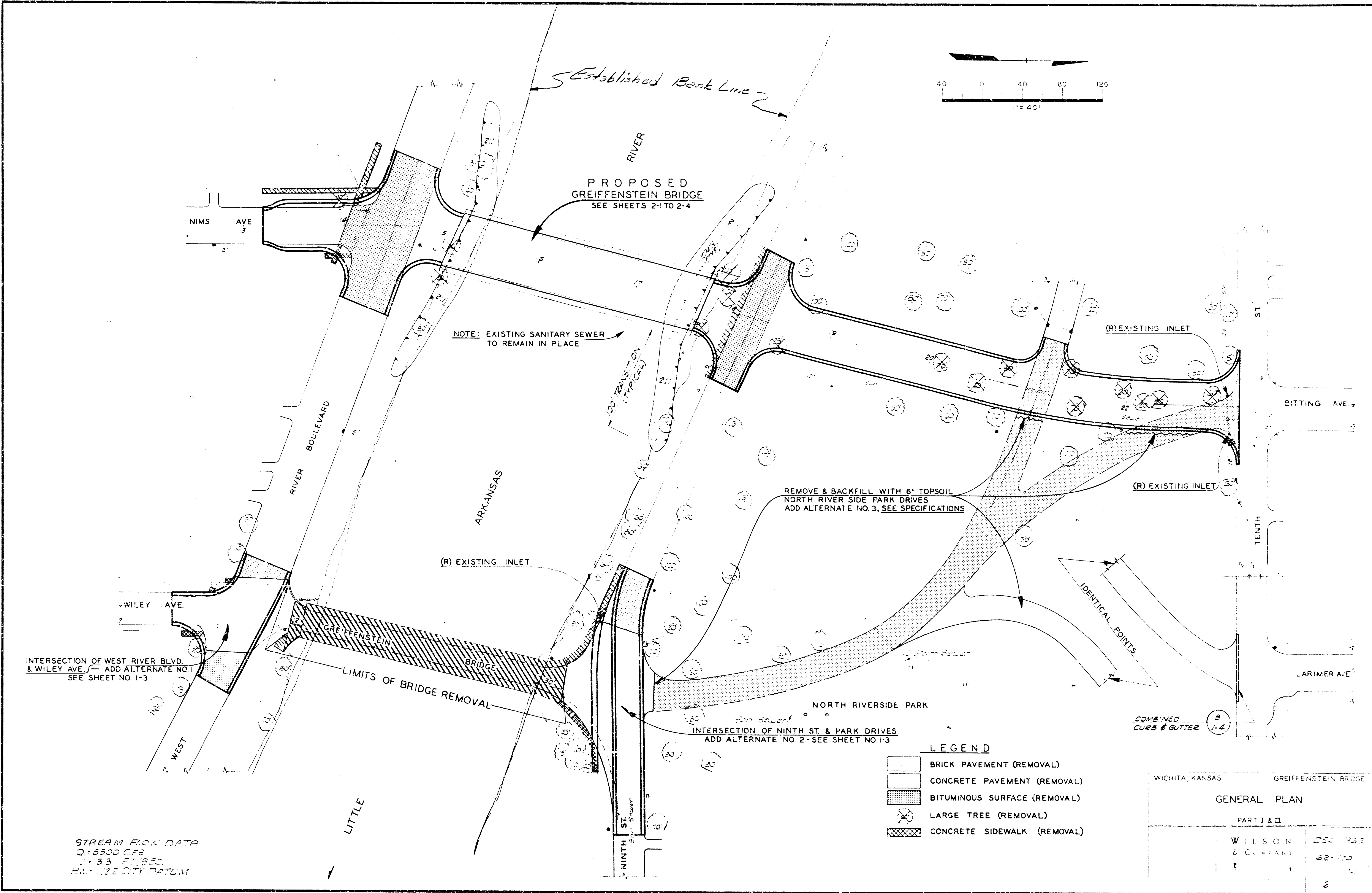
PART II

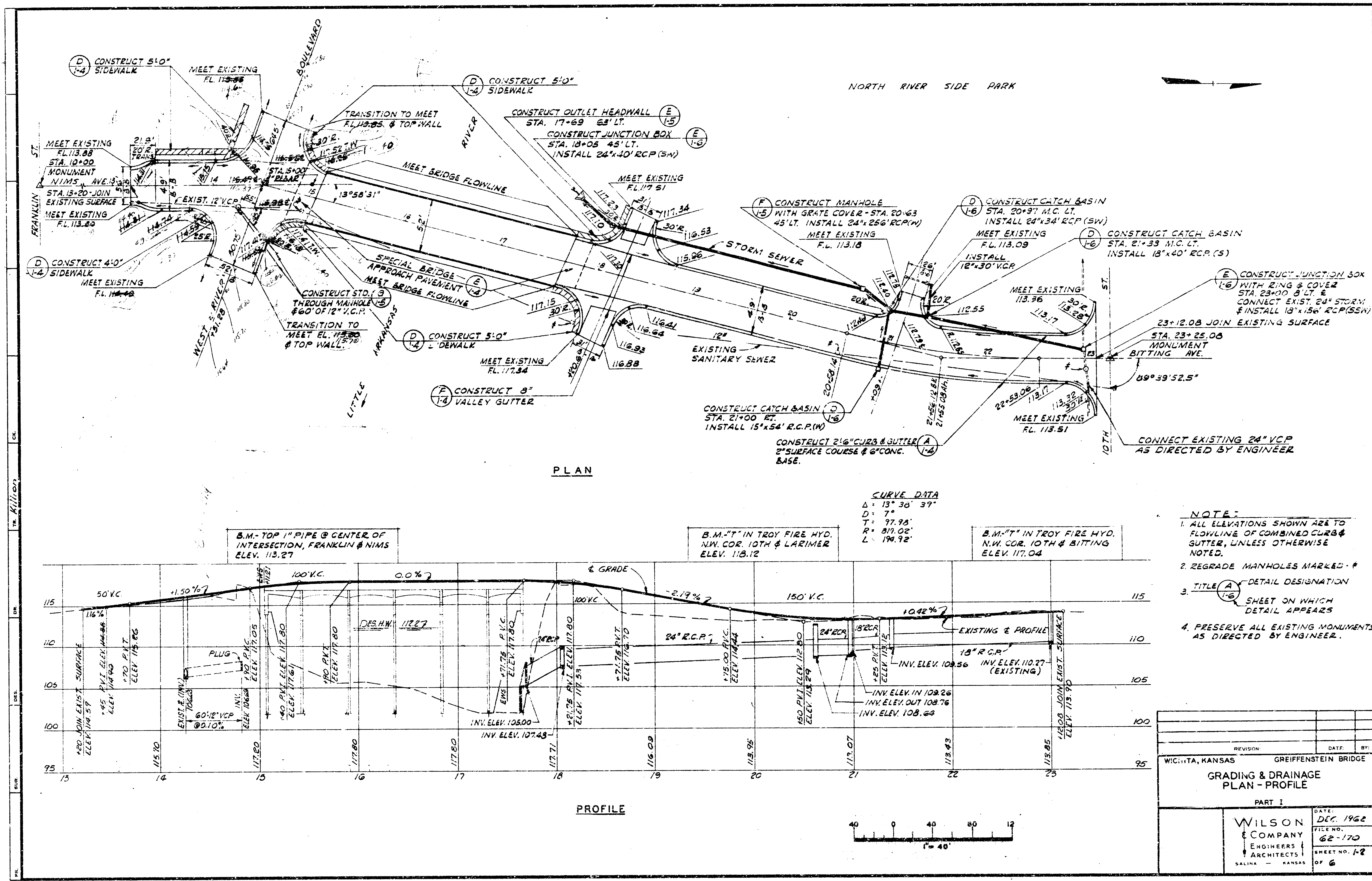
- 2-1 BRIDGE CONSTRUCTION LAYOUT
- 2-2 ABUTMENT & MISC. DETAILS
- 2-3 PIER & MISC. DETAILS
- 2-4 DECK REINFORCING



LITTLE ARKANSAS RIVER CROSSING

1962





NORTH RIVER SIDE PARK

PLAN

PROFILE

CURVE DATA
Δ = 13° 30' 39"
D = 7'
T = 17.98'
R = 819.02'
L = 194.92'

- NOTE:
1. ALL ELEVATIONS SHOWN ARE TO FLOWLINE OF COMBINED CURB & GUTTER, UNLESS OTHERWISE NOTED.
 2. REGRADE MANHOLES MARKED "R".
 3. TITLE "A" - DETAIL DESIGNATION SHEET ON WHICH DETAIL APPEARS
 4. PRESERVE ALL EXISTING MONUMENTS AS DIRECTED BY ENGINEER.

REVISION	DATE	BY
WICHITA, KANSAS	GREIFFENSTEIN BRIDGE	
GRADING & DRAINAGE		
PLAN - PROFILE		
PART I		
WILSON & COMPANY ENGINEERS & ARCHITECTS SALINA - KANSAS	DATE	DEC. 1962
	FILE NO.	62-170
	SHEET NO.	1-2
	OF 6	

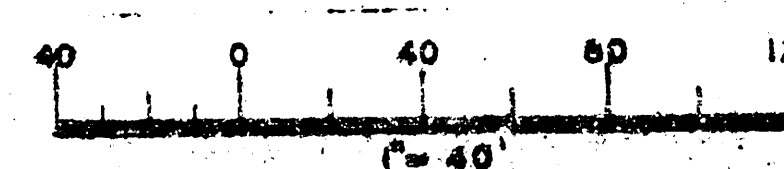
2.	SUR.	DEP.	DR.	TR. <i>Killion</i>
----	------	------	-----	--------------------



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: _____

WICHITA, KANSAS GREIFFENSTEIN BRIDGE

GRADING PLAN ALTERNATES I & 2

PART I

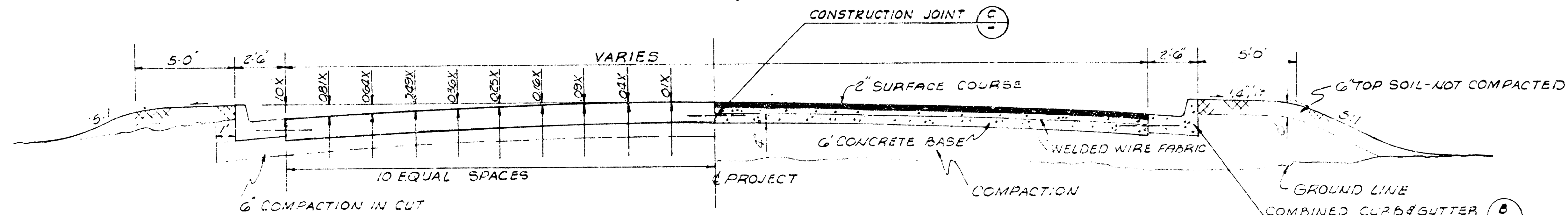
The logo features the company name "WILSON & COMPANY ENGINEERS ARCHITECTS" in a serif font, with "SALINA - KANSAS" below it. A stylized graphic element resembling a compass needle or a vertical arrow points downwards between the company name and the location.

DATE: DEC. 1968

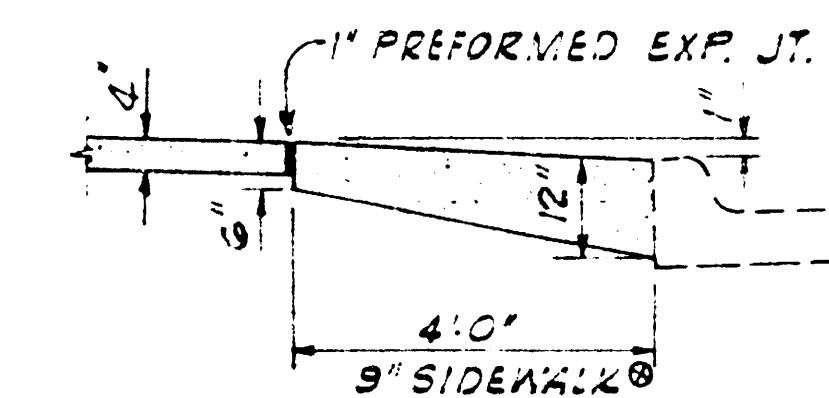
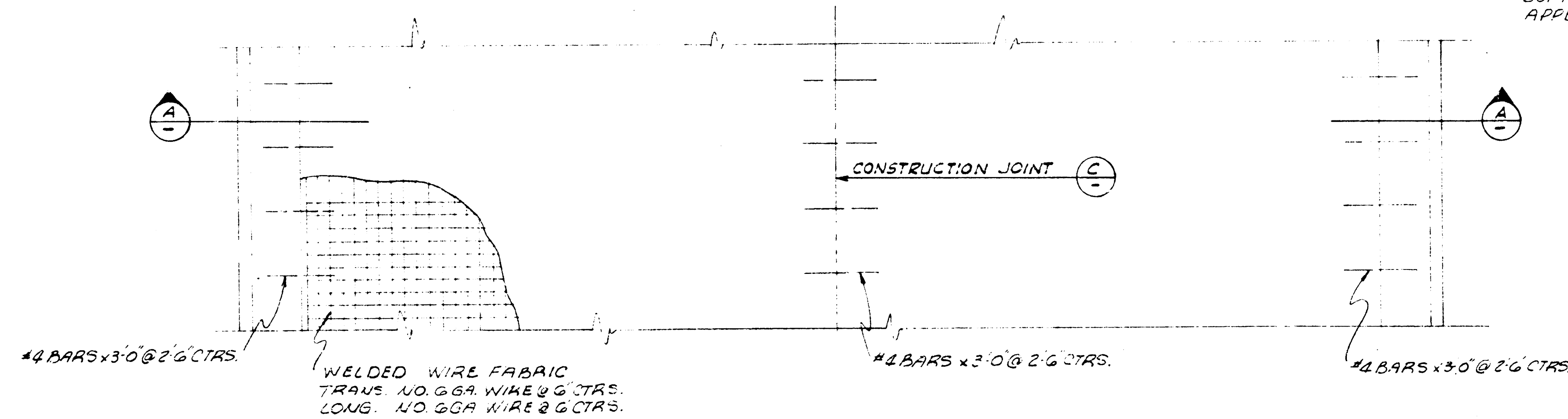
SHEET NO. 68-170

SHEET NO. / OF 6

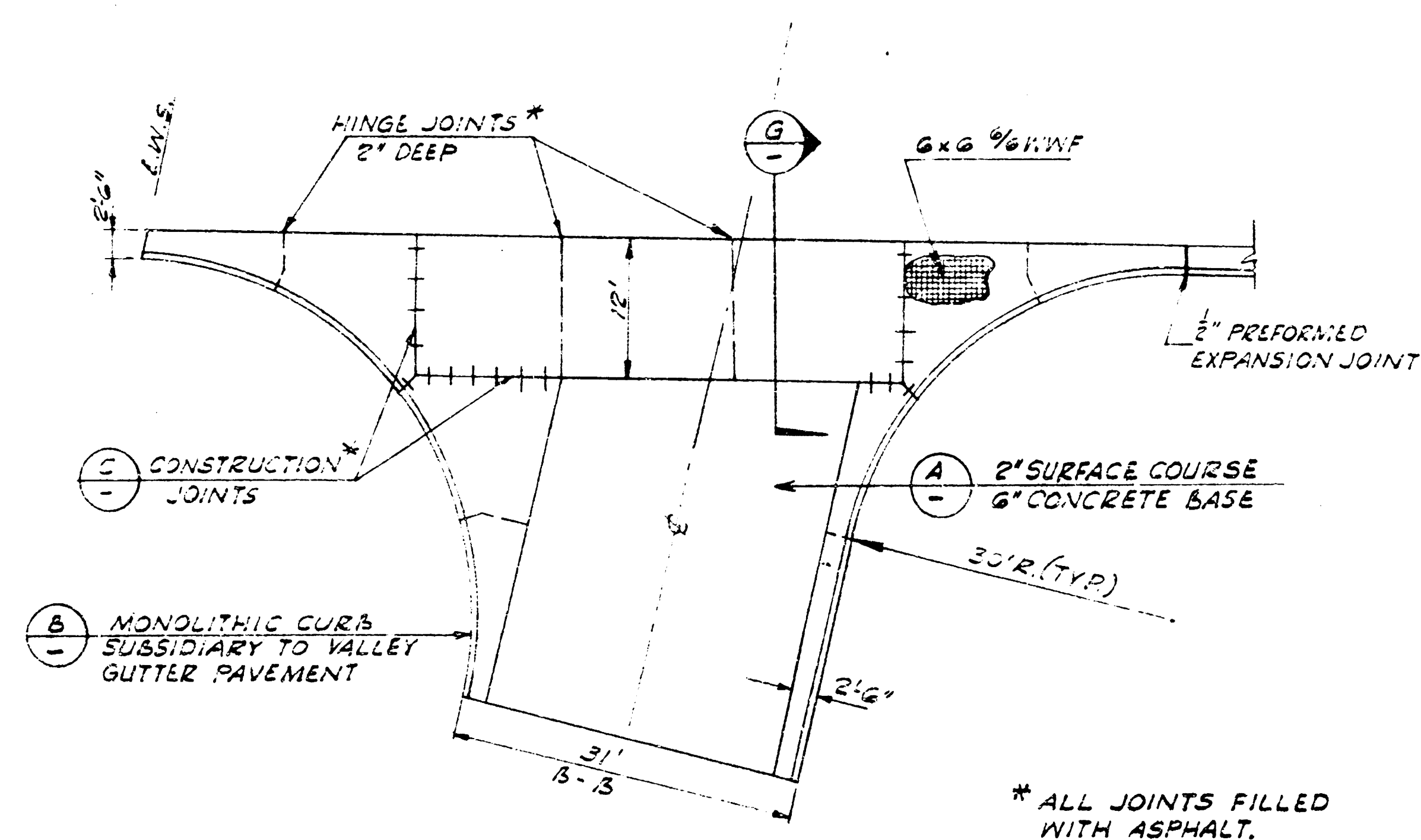
WIDTH- FEET BACK TO BACK	CROWN "X"
49 FOOT	.49 FOOT
33 FOOT	.36 FOOT
31 FOOT	.31 FOOT



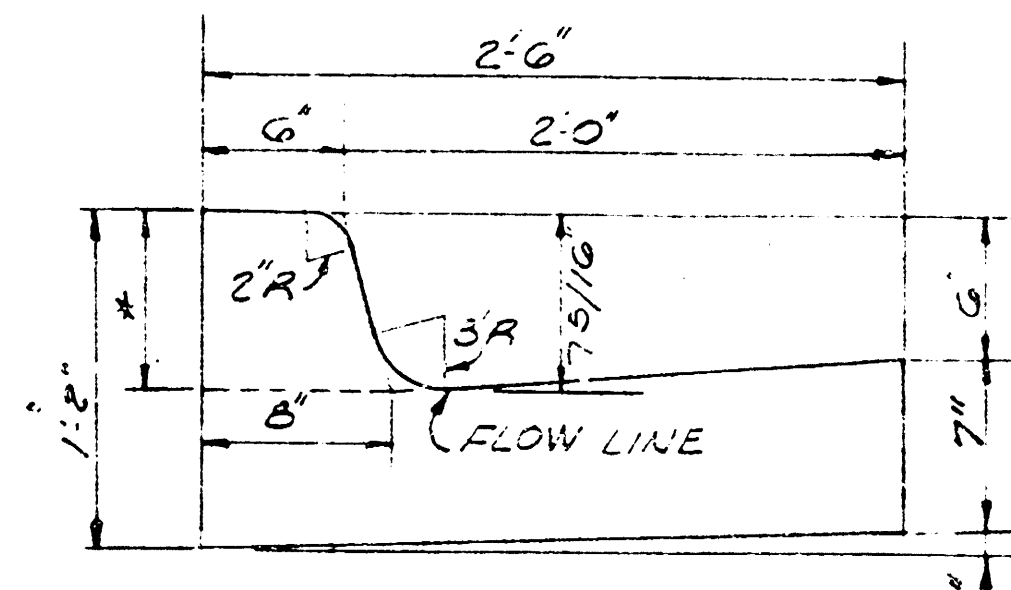
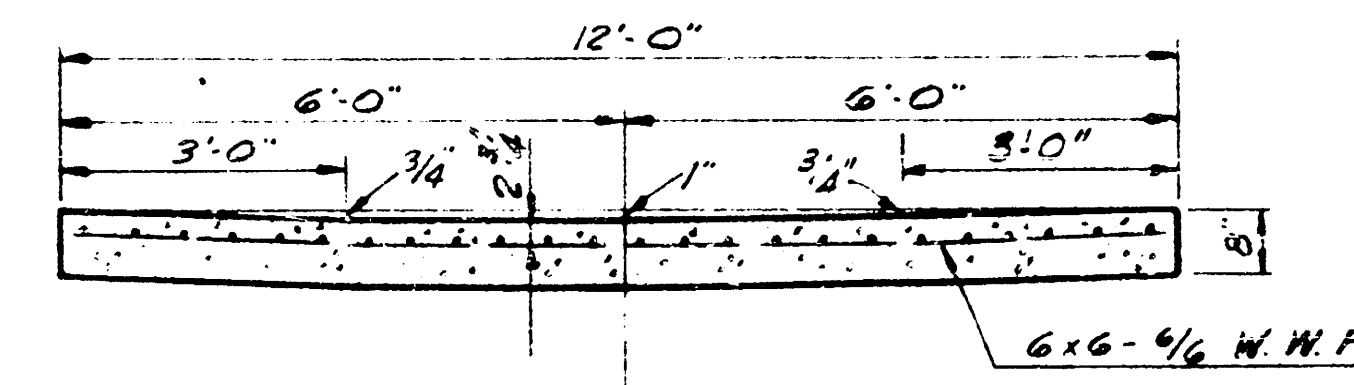
INTERSECTION OF ALL SLOPE LINES SHALL BE SOFTENED AND ROUNDED FOR PLEASING APPEARANCE.



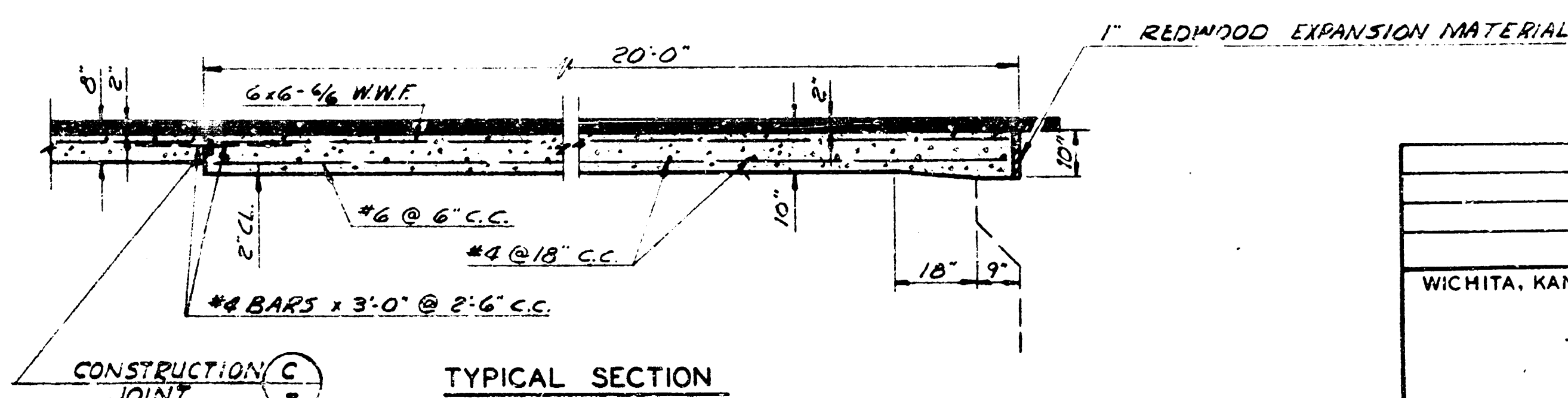
AT END OF SIDEWALK IN INTERSECTIONS OR AT BRIDGE ABUTMENT.



8" VALLEY GUTTER F
SCALE 1"=10'

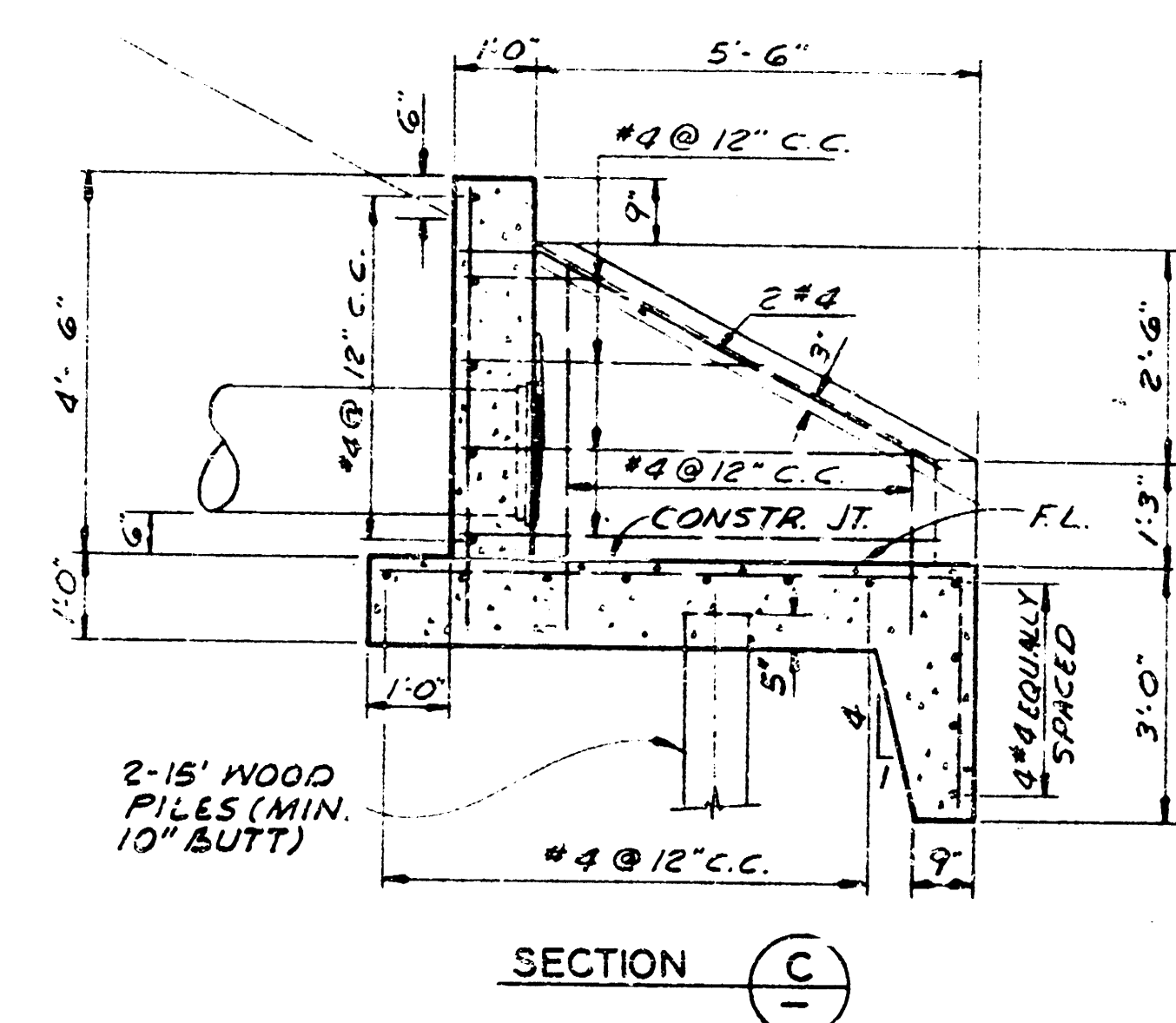
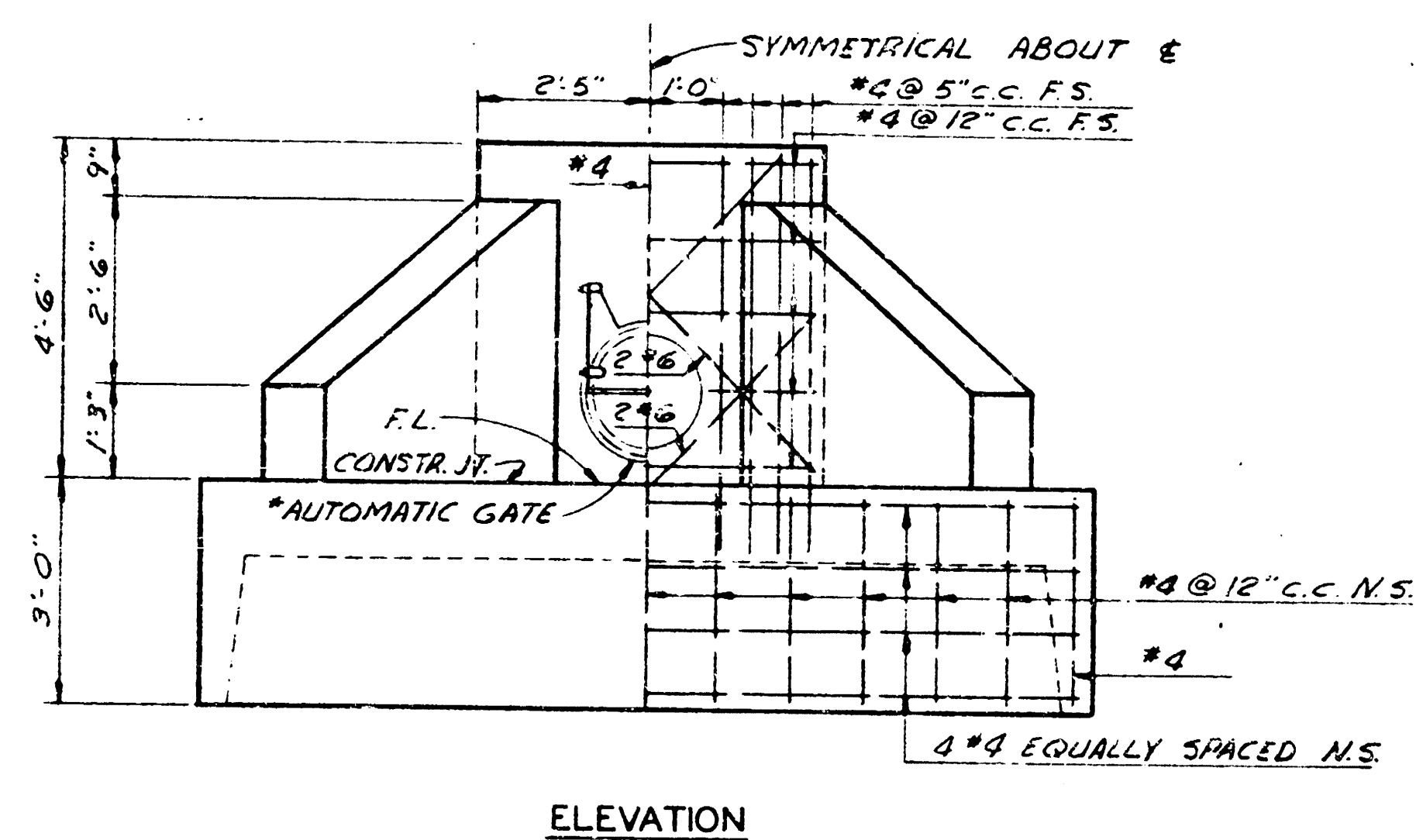
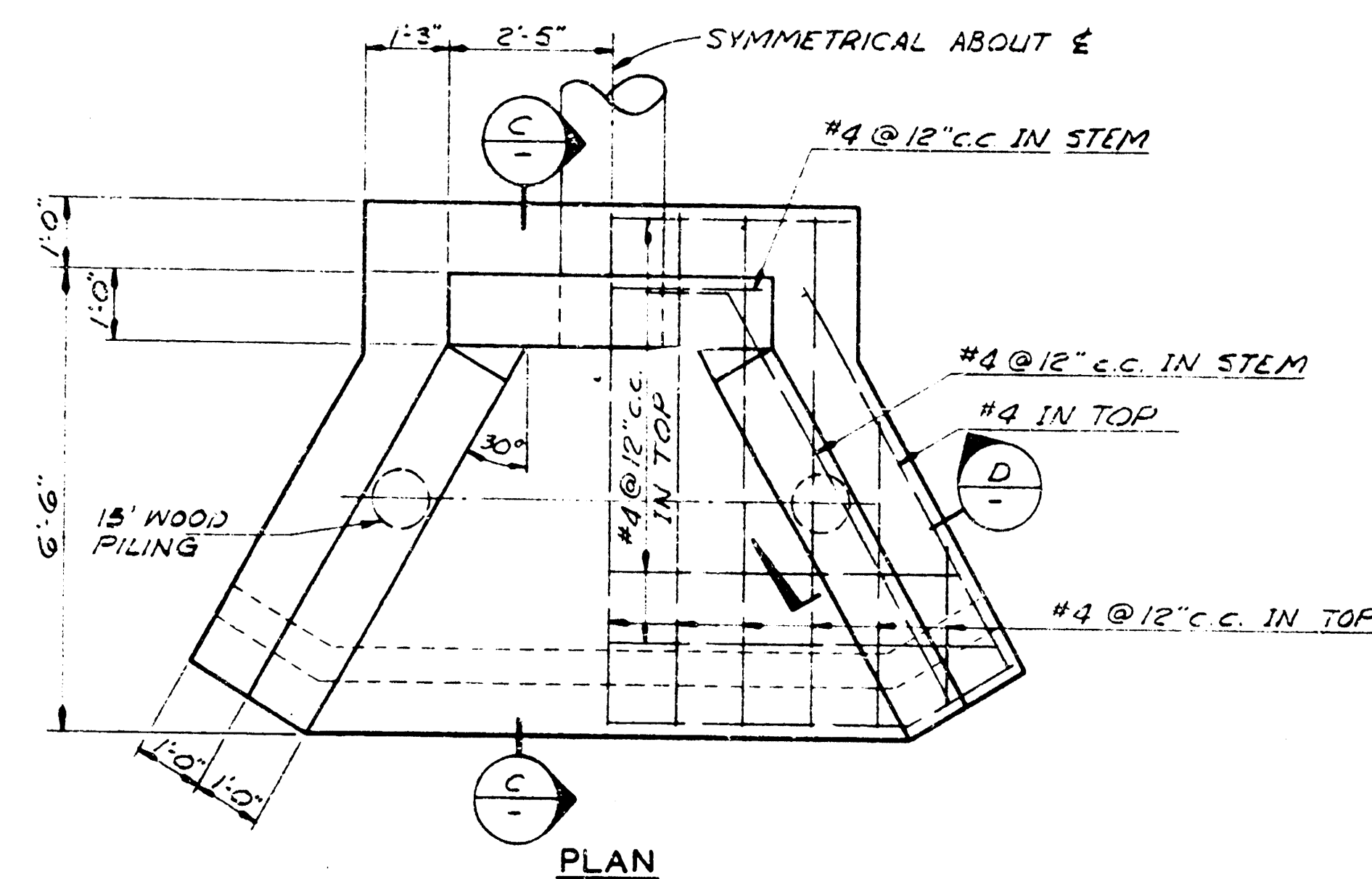


* VARY TO MEET EXISTING CURB WHERE REQUIRED. LENGTH OF TRANSITION = 3 FEET MIN.



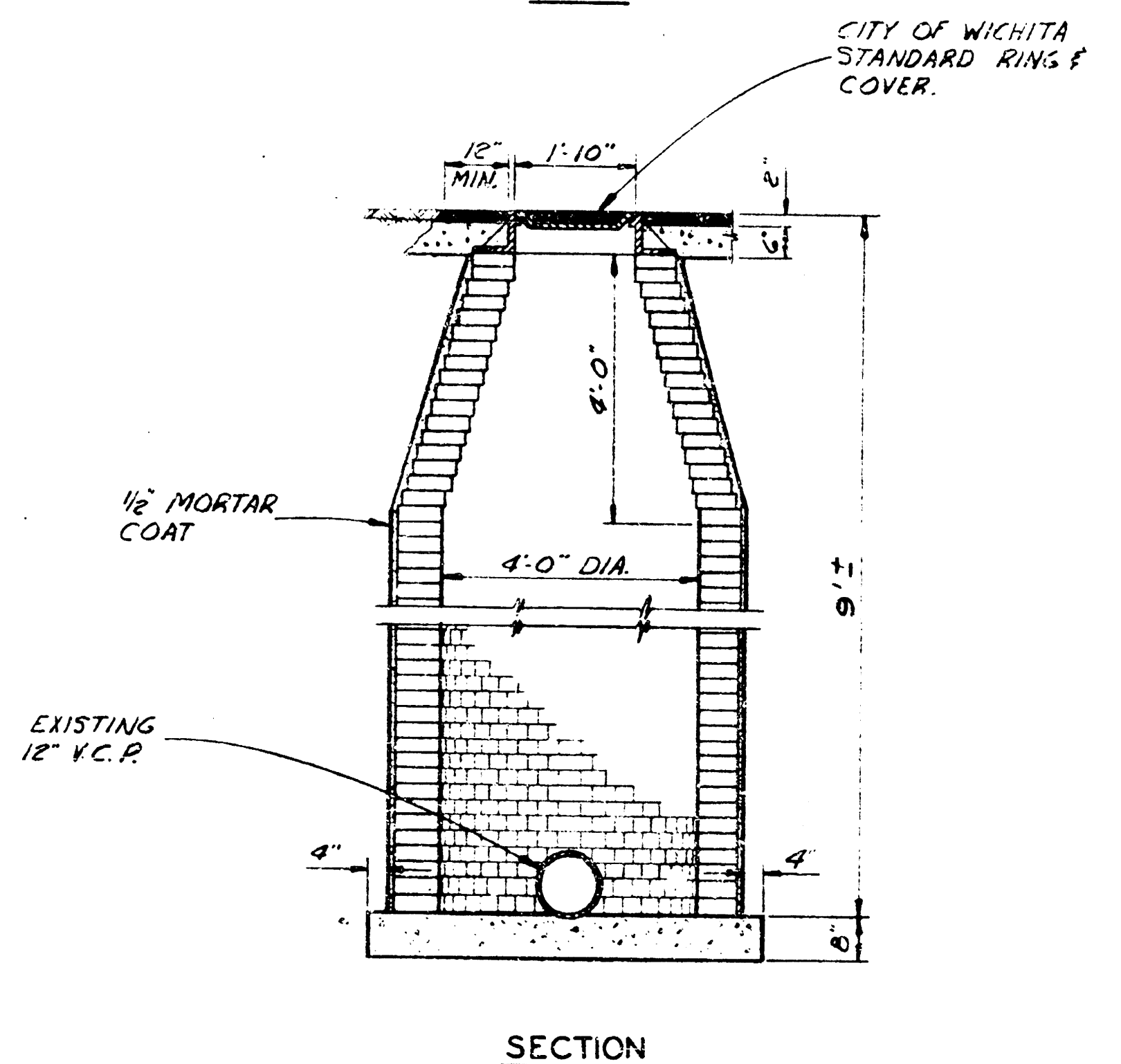
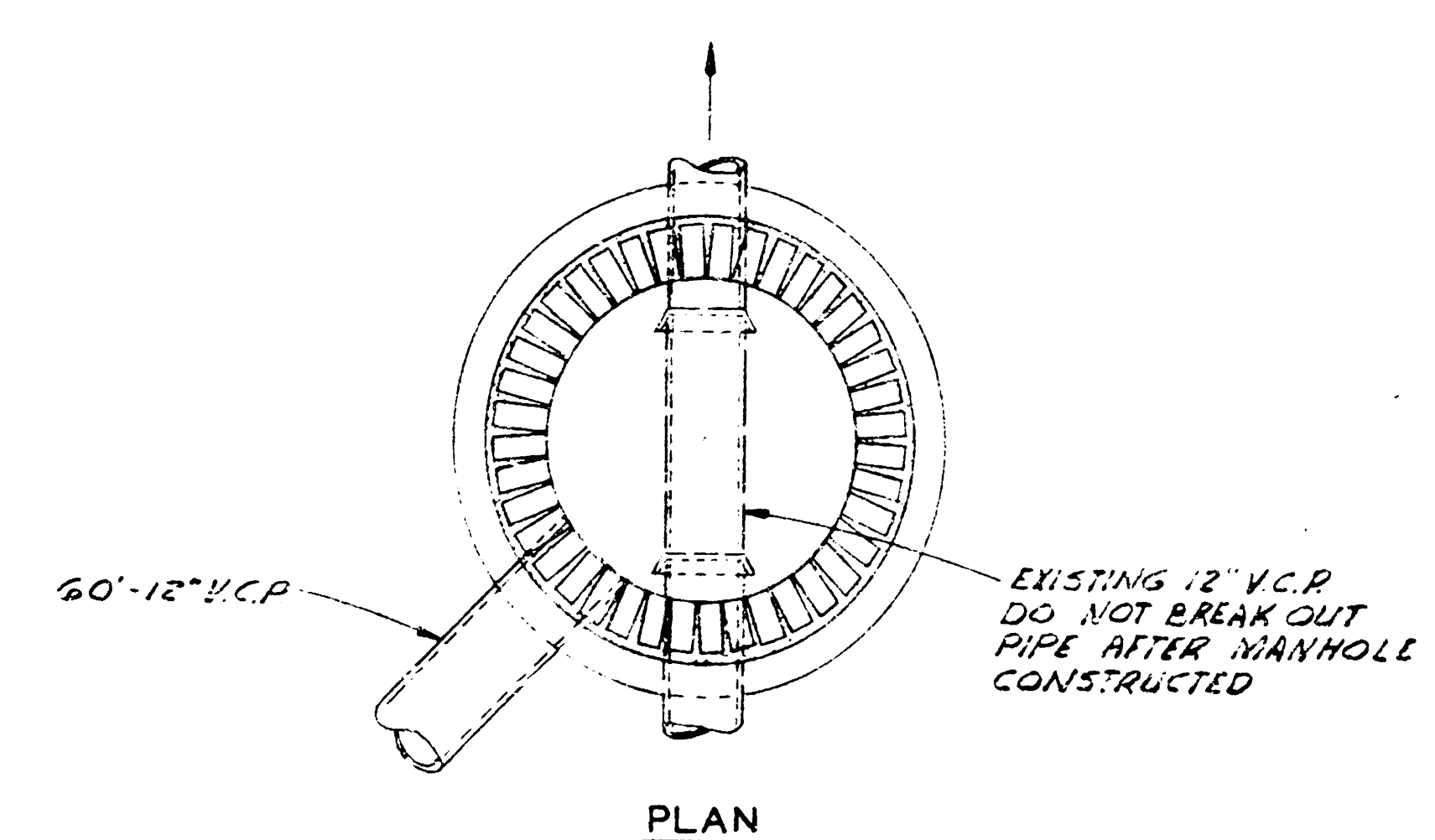
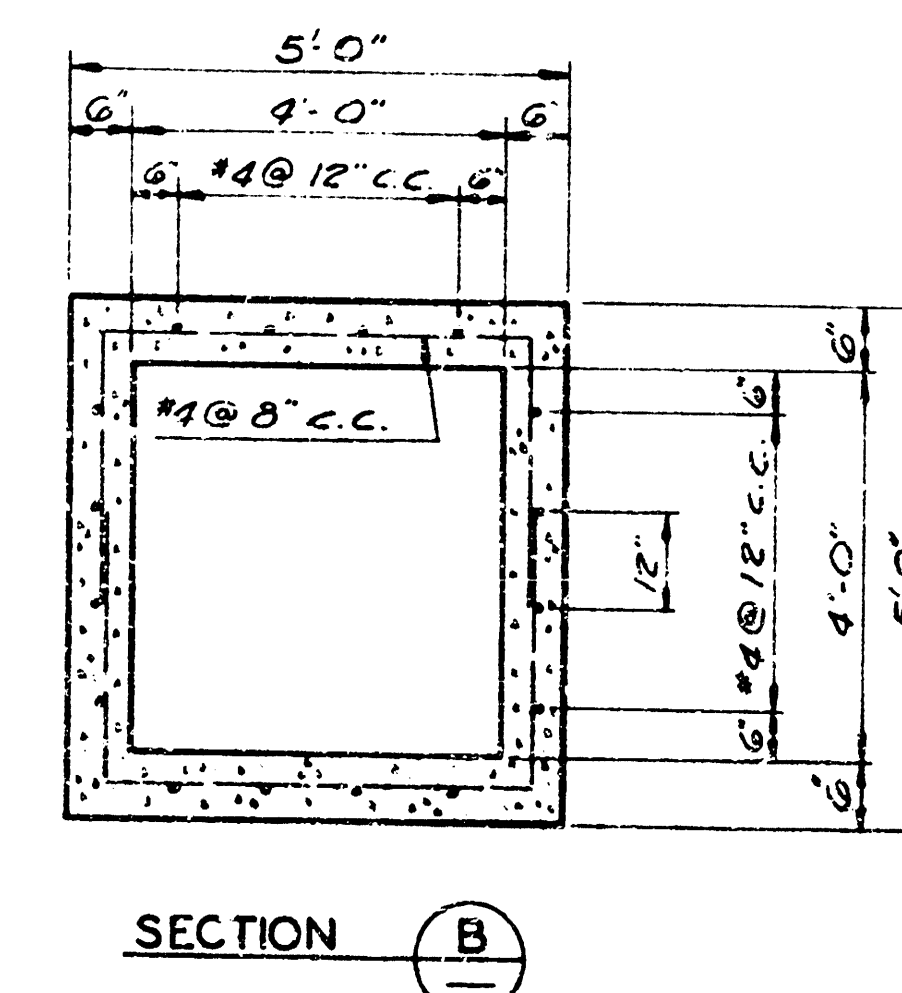
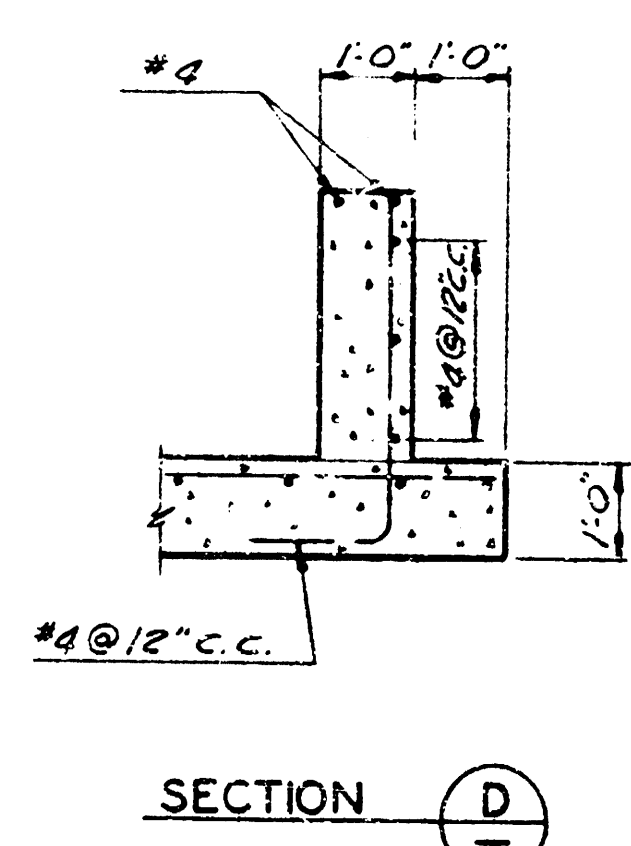
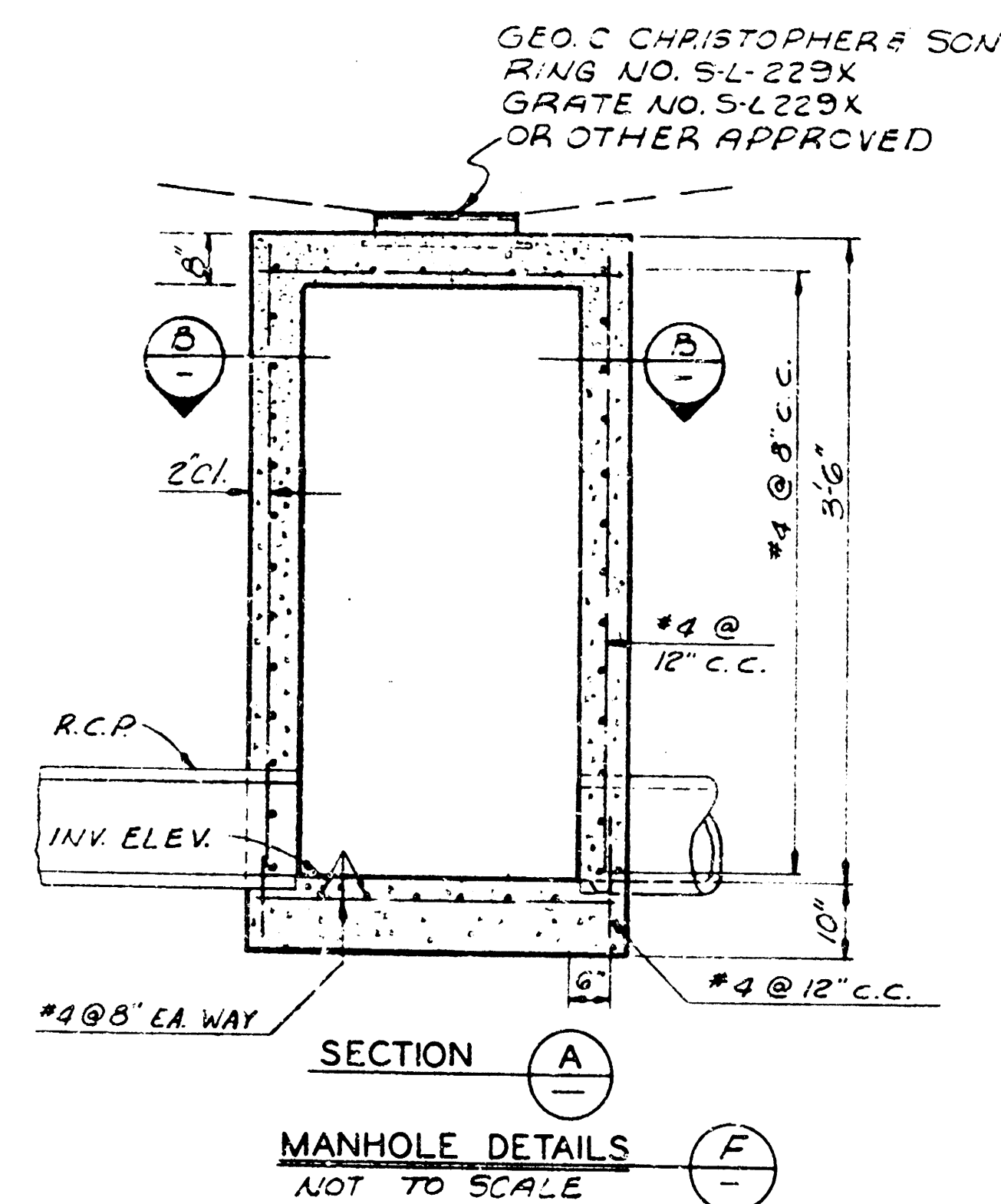
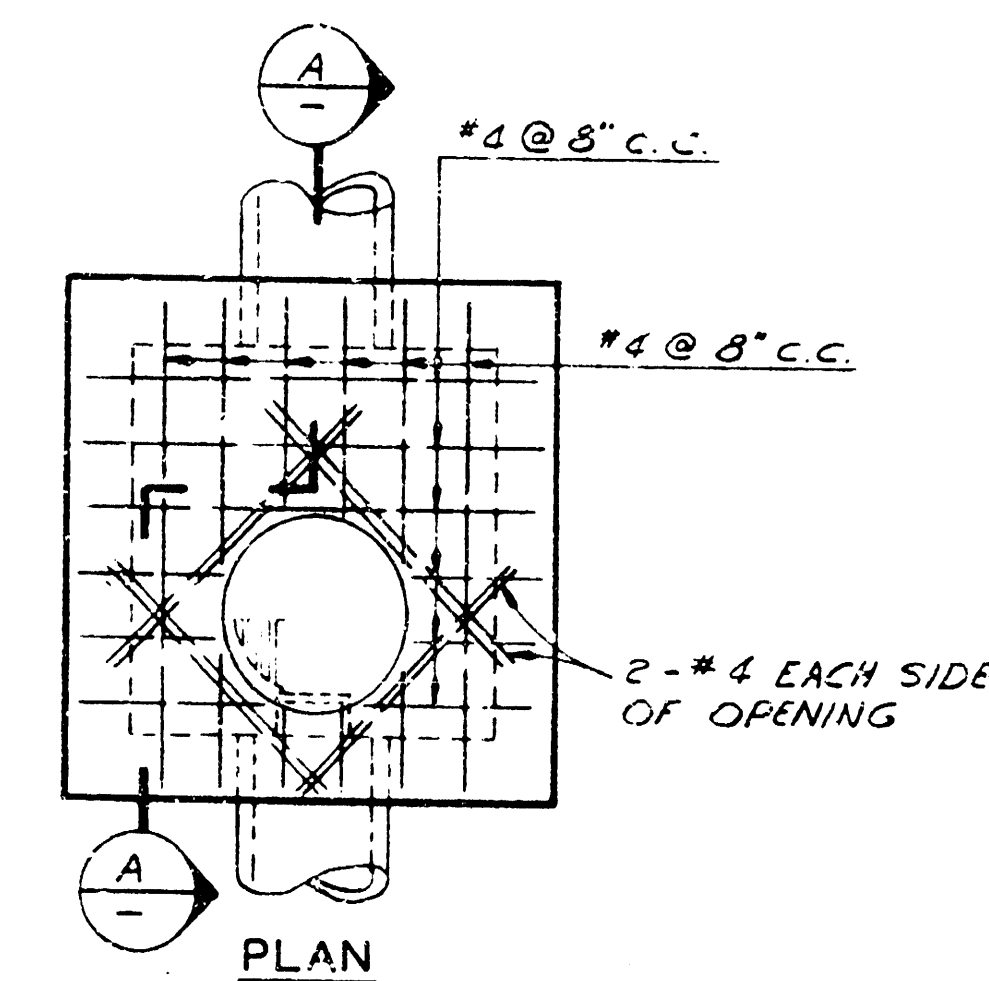
SPECIAL BRIDGE APPROACH PAVEMENT E
PAID FOR AS 2" SURF COURSE & 6" CONC. BASE
SCALE 1/2"=1'-0"

REVISION		DATE	BY
WICHITA, KANSAS		GREIFFENSTEIN BRIDGE	
TYPICAL SECTIONS			
PART I			
WILSON & COMPANY		DATE	DEC. 1962
ENGINEERS & ARCHITECTS		FILE NO.	62-170
SALINA, KANSAS		SHEET NO.	1-4
		OF	6



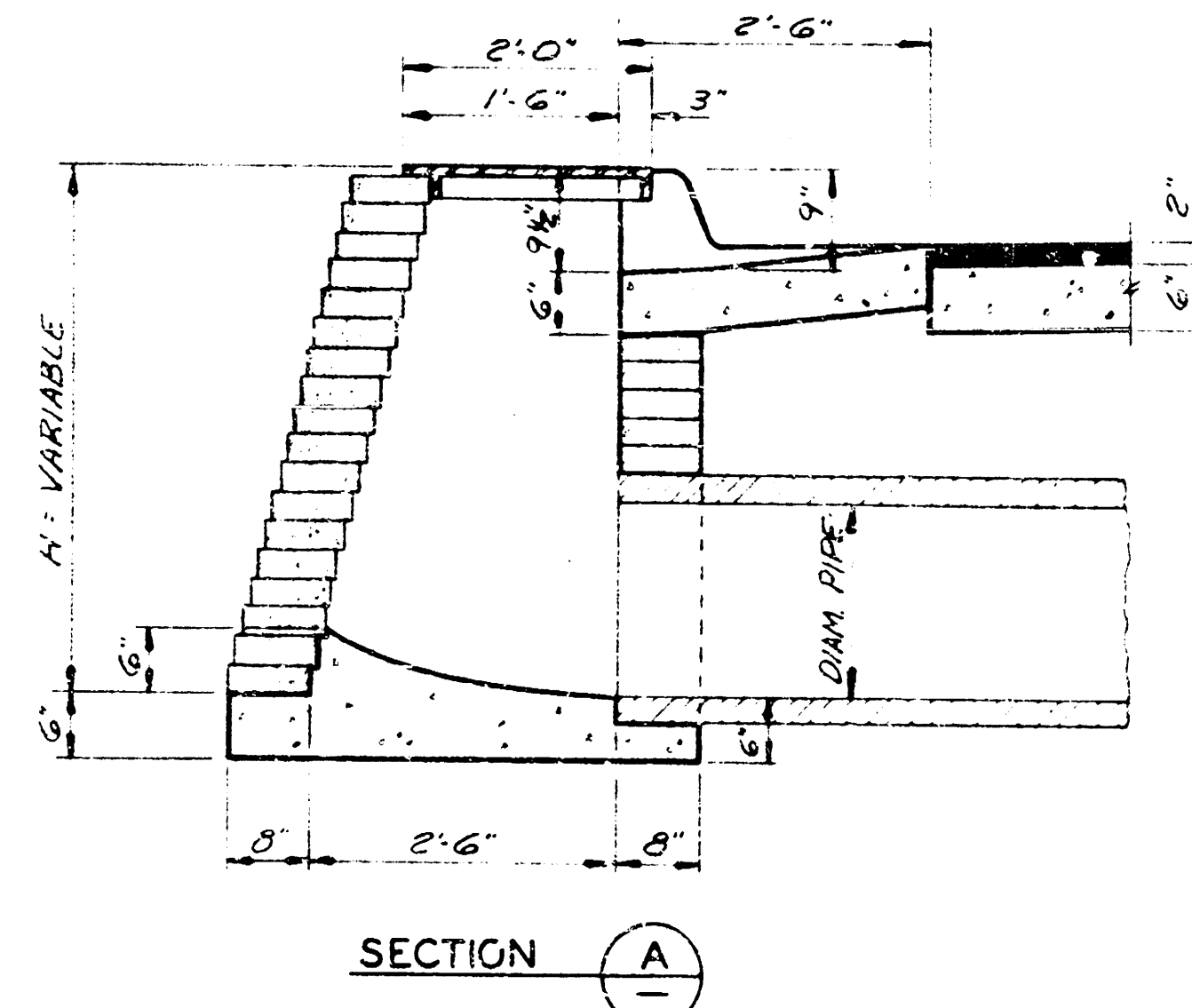
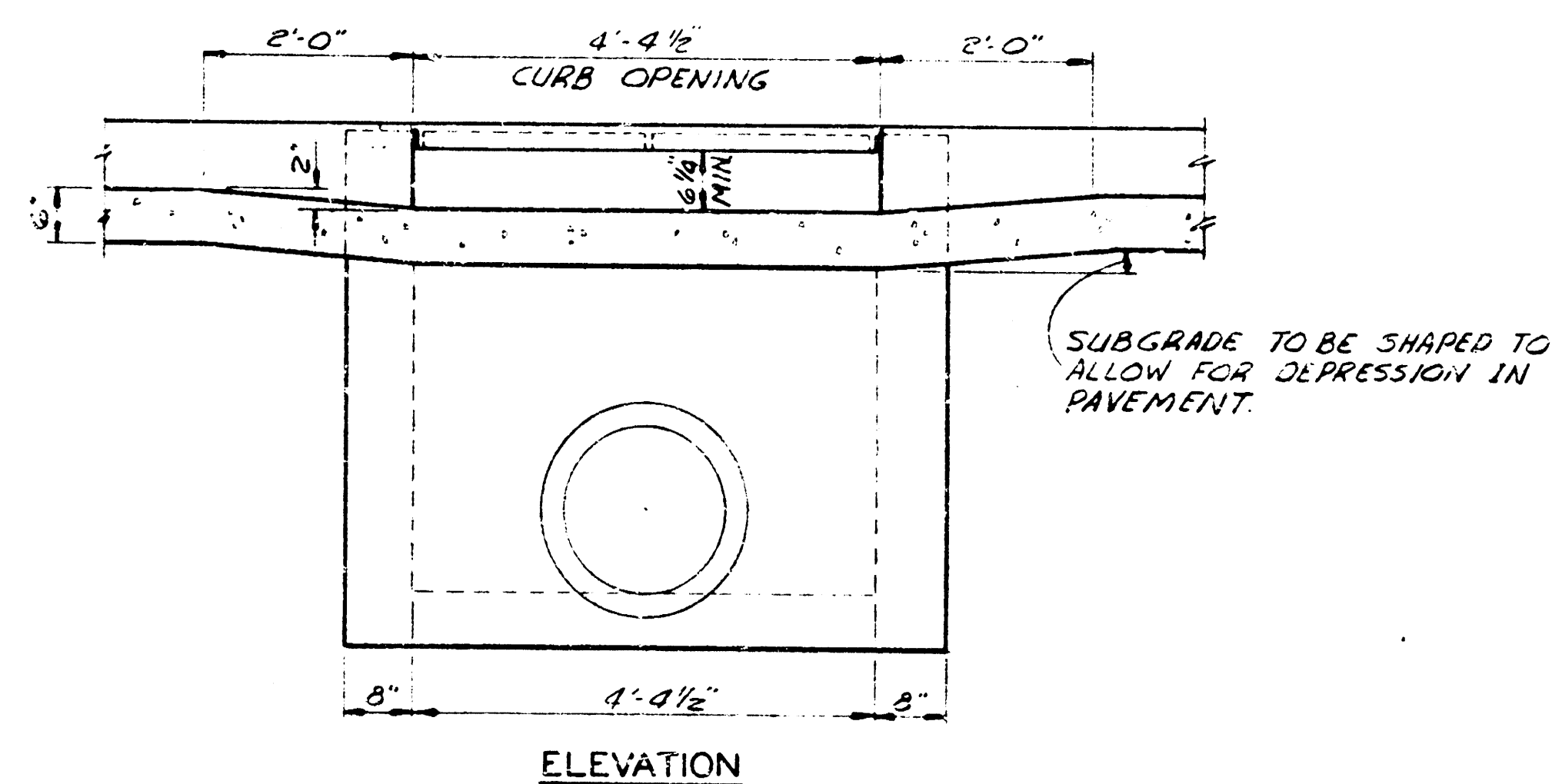
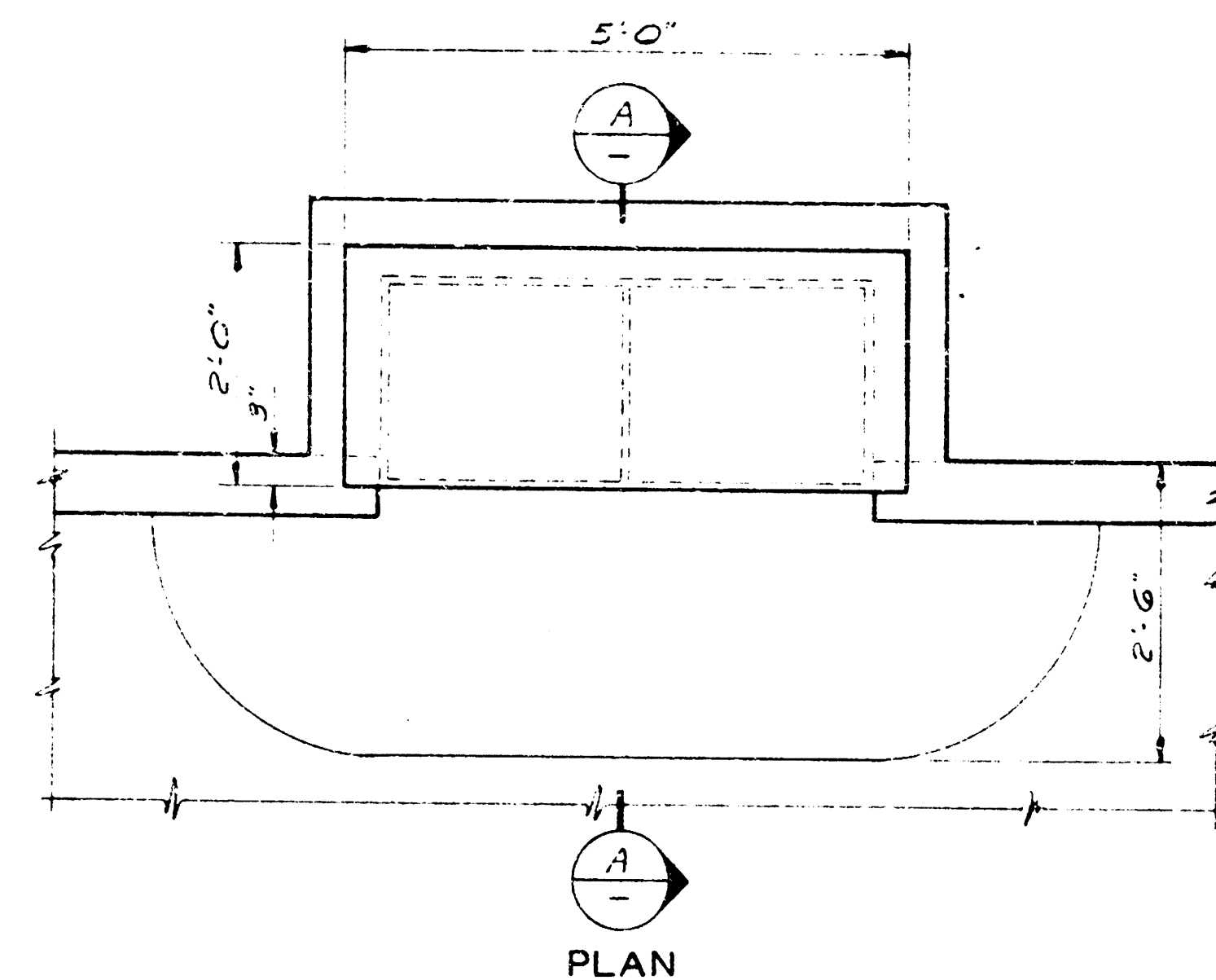
OUTLET HEADWALL FOR *
SCALE: 1/8" = 1'-0"
* 24" RCP & 15" RCP

*NOTE: AUTOMATIC GATE TO BE
USED ONLY WHEN SPECIFIED
ON PLAN SHEET.

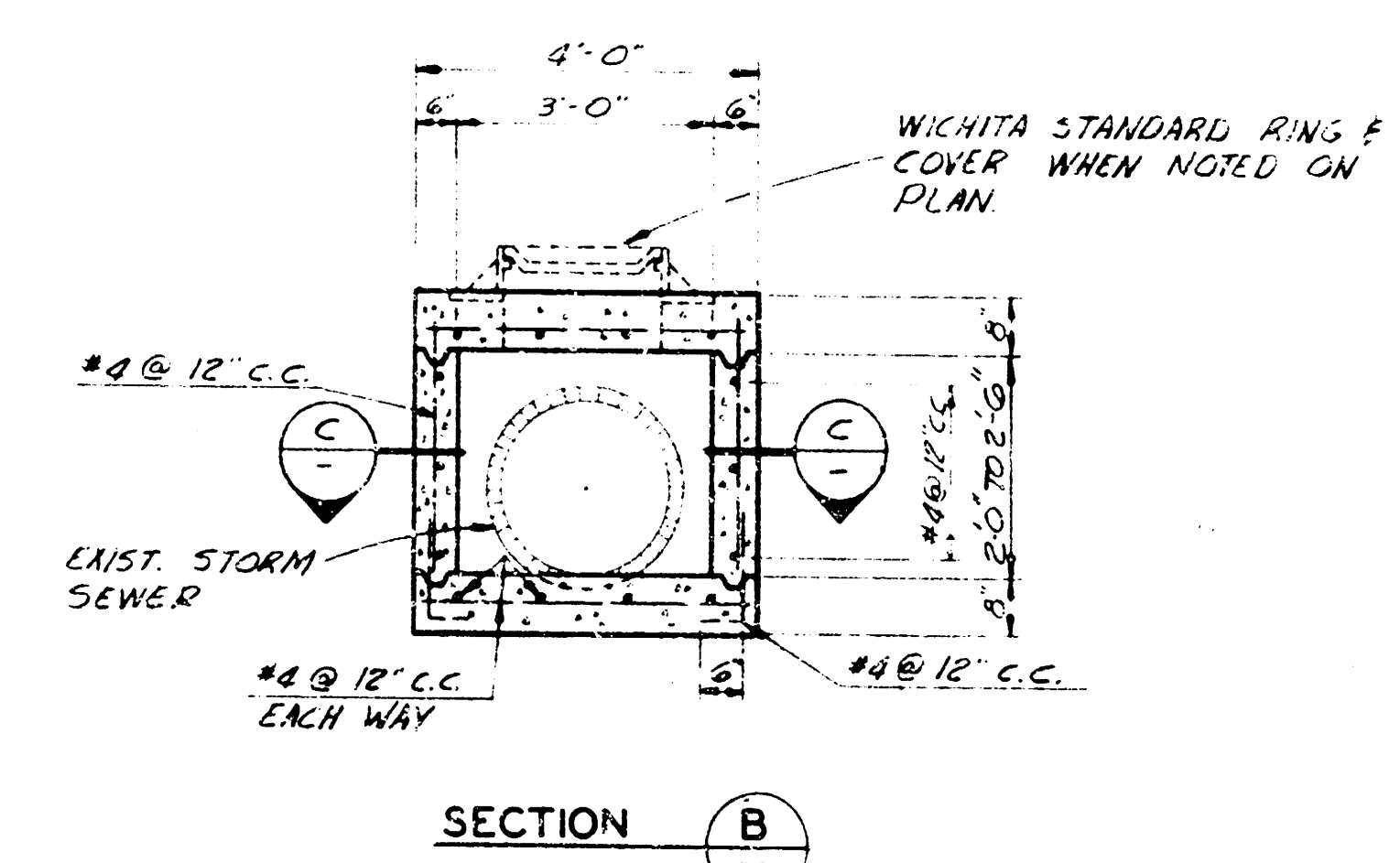
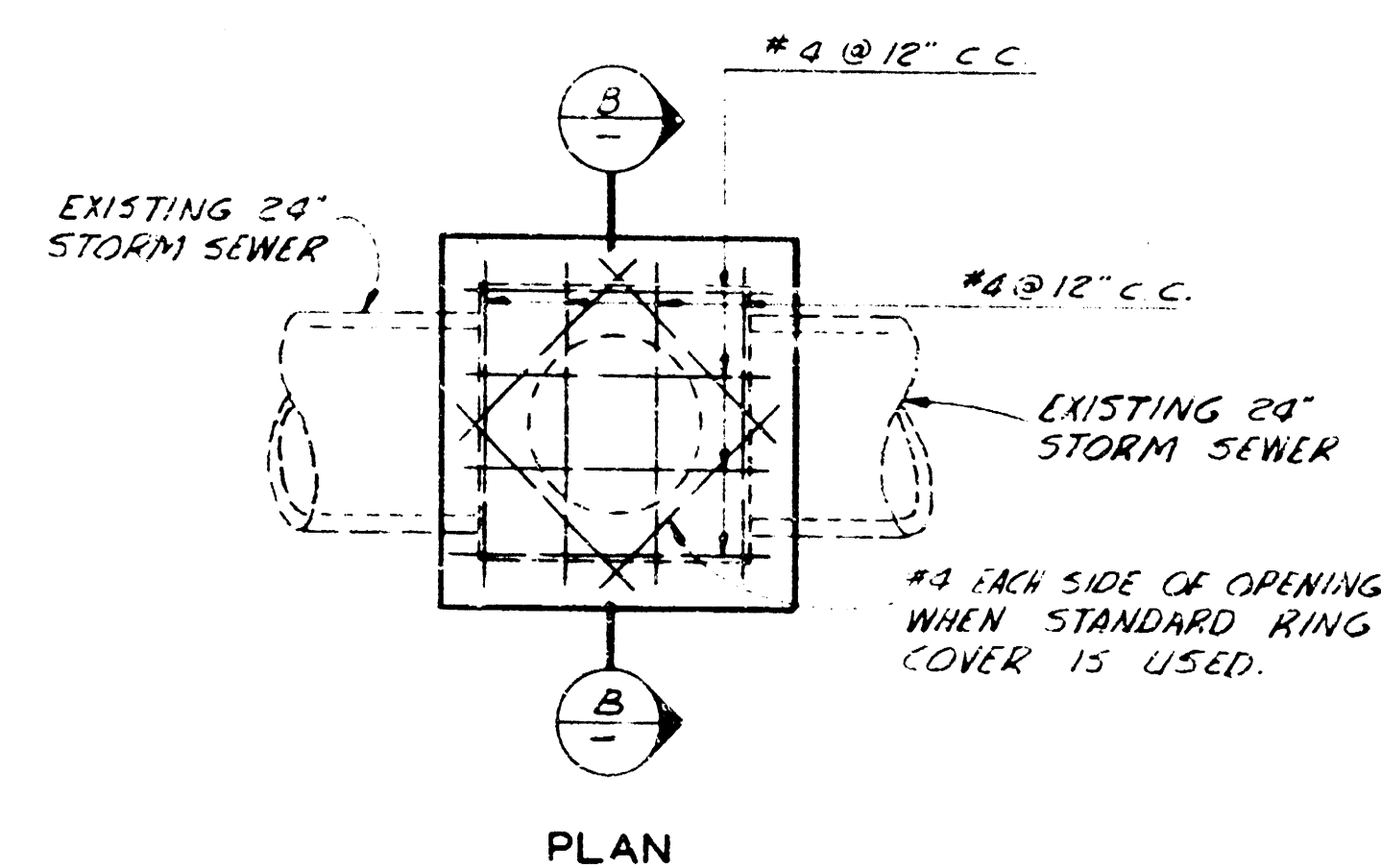
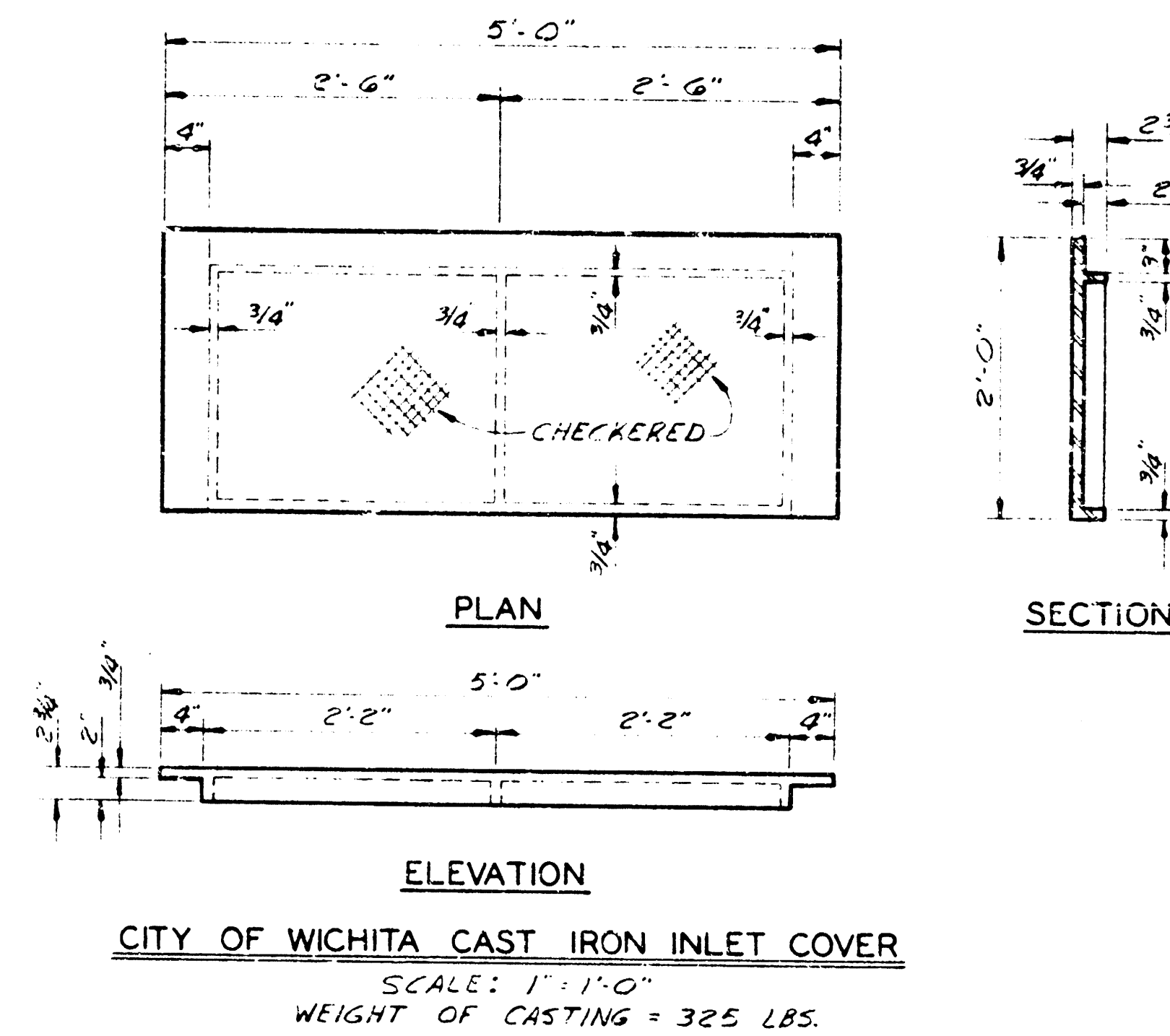


STANDARD THROUGH MANHOLE
SCALE: 1/8" = 1'-0"

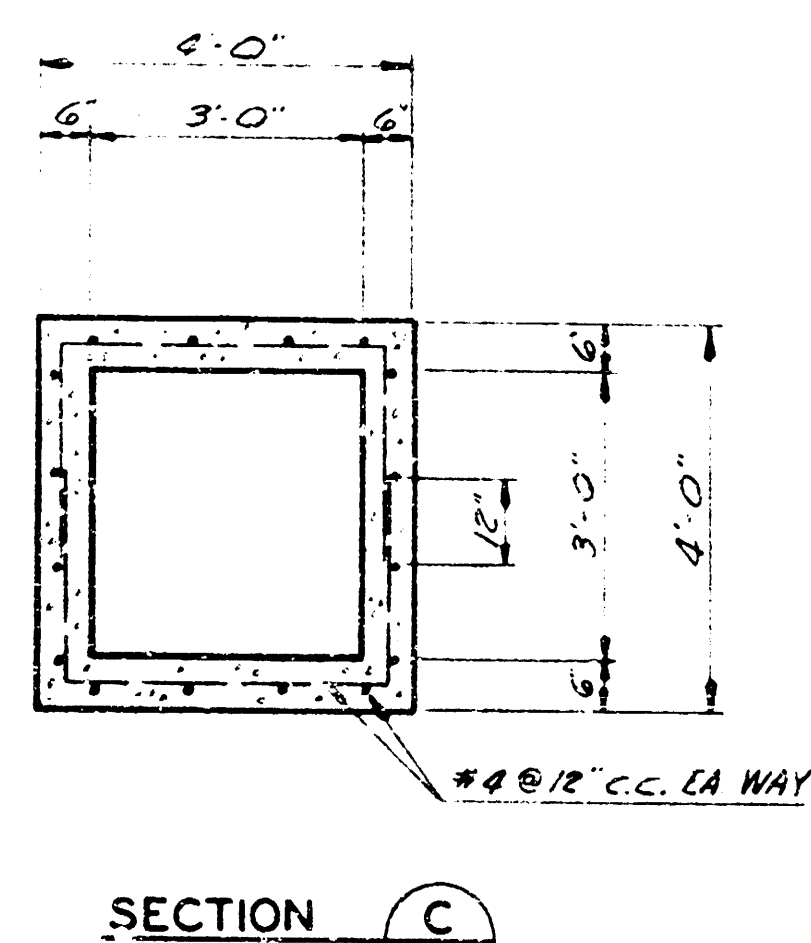
REVISION	DATE	BY
WICHITA, KANSAS	GREIFFENSTEIN BRIDGE	
HEADWALL & MANHOLE DETAILS		
PART I		
WILSON & COMPANY		
ENGINEERS & ARCHITECTS		
SALINA - KANSAS		
DATE	DEC. 1962	
FILE NO.	62-170	
SHEET NO.	1-5	
OF	6	



STANDARD CATCH BASIN
SCALE: 3/4" = 1'-0"



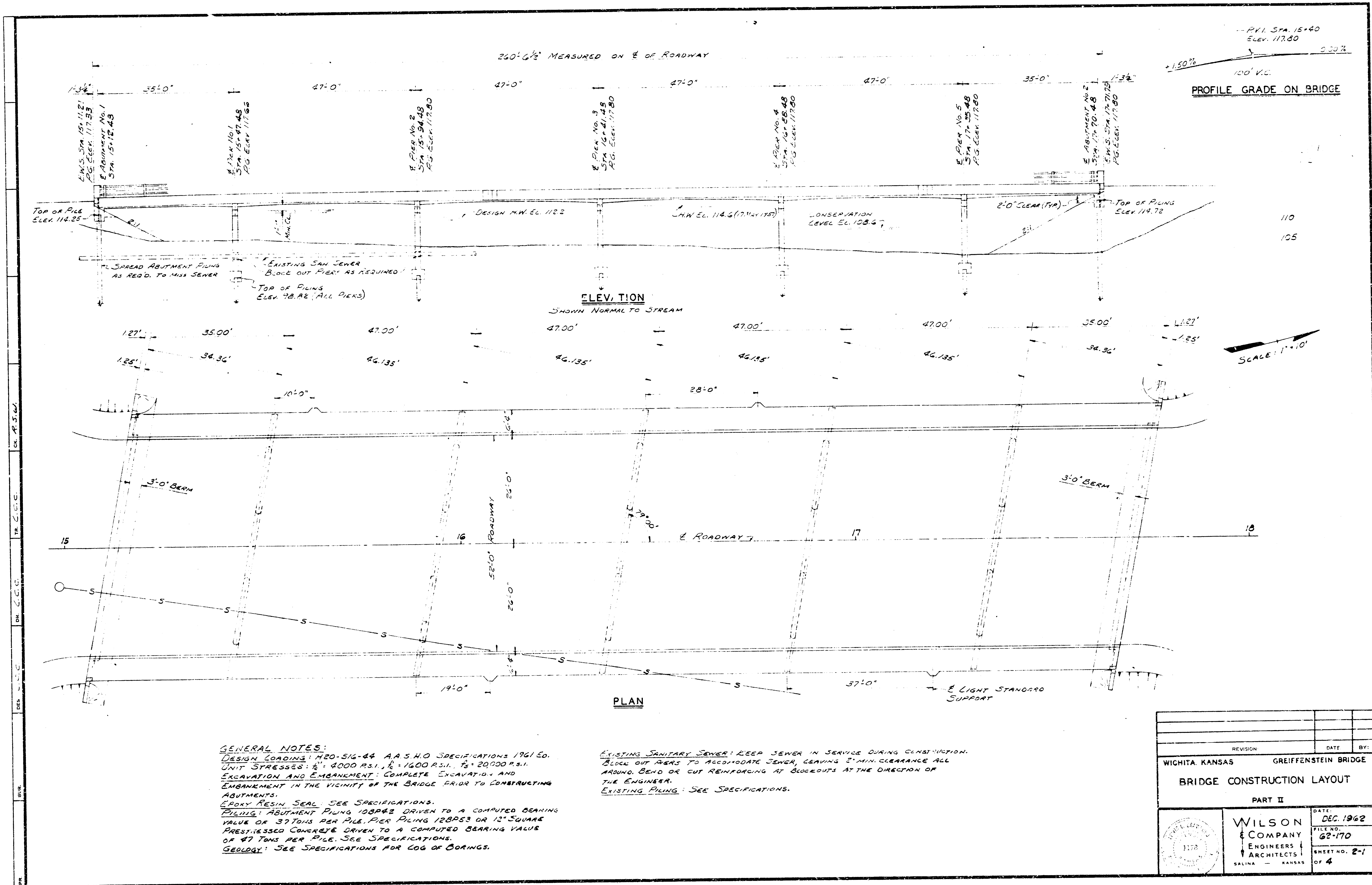
JUNCTION BOX DETAILS
SCALE: 1/4" = 1'-0"

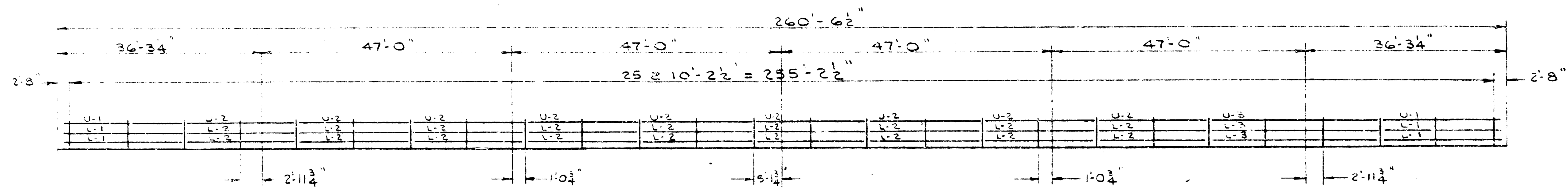


SCHEDULE OF STRUCTURES					
STATION	SIDE	TYPE	TOP EL.	INV. EL.	H.
17+69	LT.	HW	-	105.00	-
18+05	LT.	JS	-	107.48	-
20+63	LT.	MH	112.39	108.64	3.50
20+97	LT.	CB	113.01	108.76	4.25
21+00	RT.	CB	113.07	109.57	3.50
21+58	LT.	CB	113.16	109.50	3.60
23+00	LT.	JS	113.83	110.27	3.56
23+03	RT.	JS	-	110.55	3.00
*2+30	RT.	CB	117.66	113.66	4.00
*2+30	RT.	HW	-	125.00	-

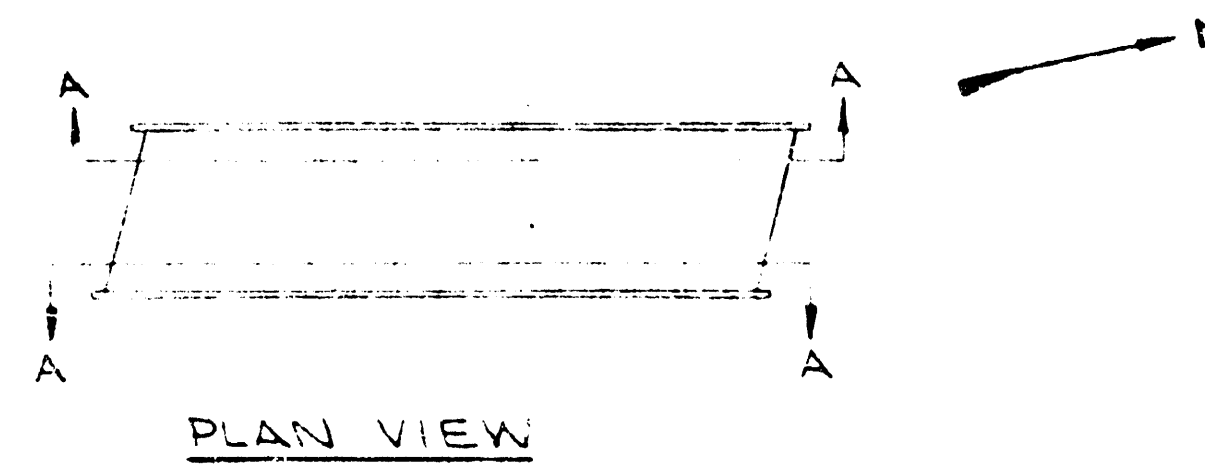
* INTERSECTION OF NINTH ST. & PARK DRIVES
(ADD ALTERNATE NO. 2)

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

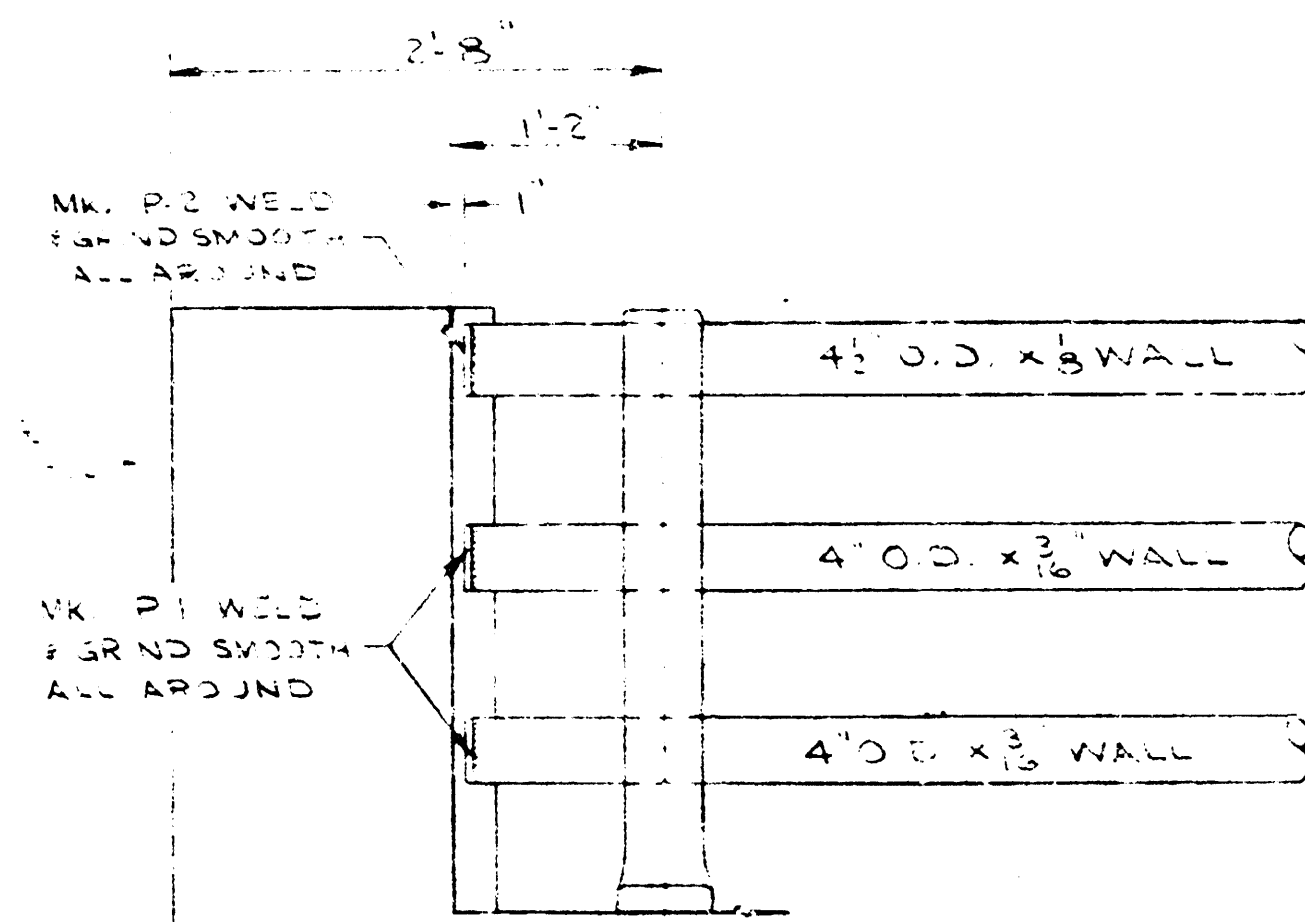




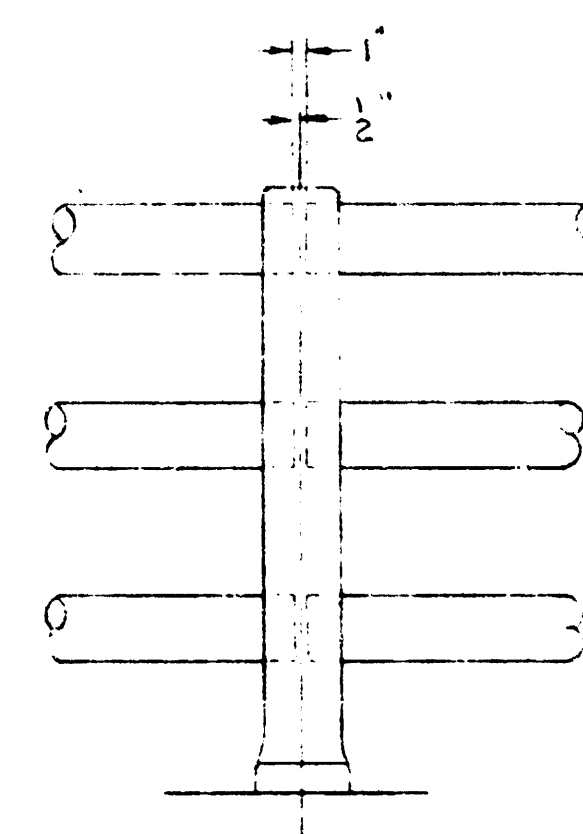
ELEVATION A-A
L-REQD.



PLAN VIEW



END DETAIL



SPICE DETAIL

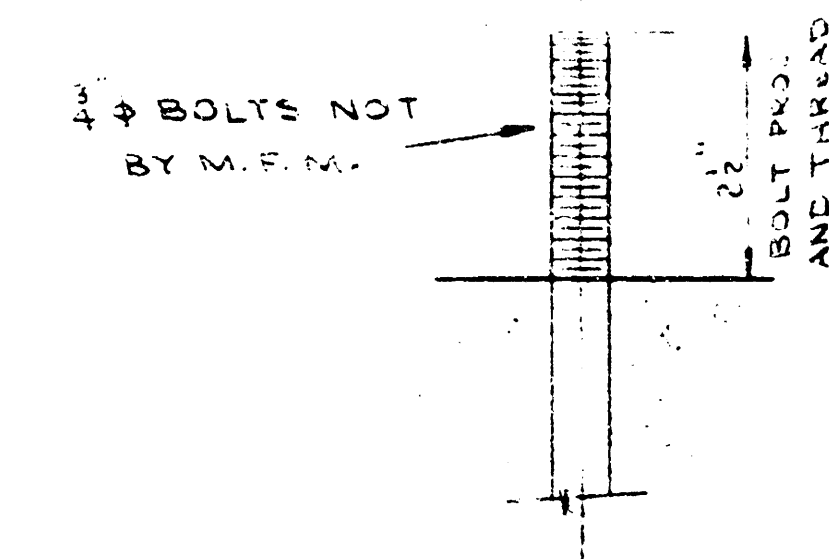
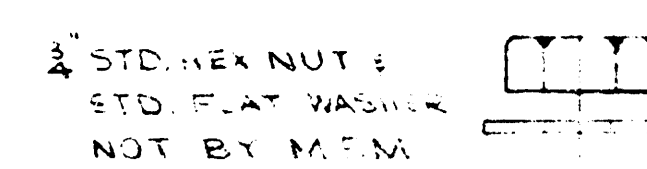
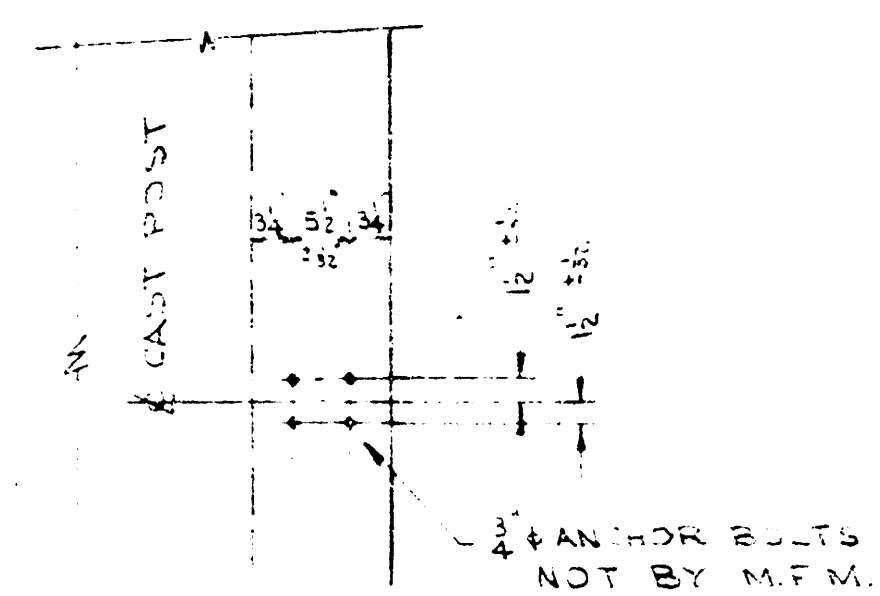
BILL OF MATERIAL				
MARK	QTY.	ITEM	LENGTH	ALLOY A.S.T.M.
U-1	4	4" O.D. x 3/8" WALL	21'-5 1/2"	6061 T6 B-235
U-2	13	DO.	20'-4"	DO.
U-3	2	DO.	30'-6 1/2"	DO.
L-1	8	4" O.D. x 3/8" WALL	21'-5 1/2"	DO.
L-2	36	DO.	20'-4"	DO.
L-3	4	DO.	30'-6 1/2"	DO.
P-1	8	3/8" x 3/8" PL		6061 T6 B-209
P-2	4	4" x 3/8" PL		DO.
	208	1/2" BOLTS		GALV. STEEL
	208	1/2" HEX NUTS	STD.	DO.
	208	1/2" FLAT WASH.	STD.	DO.
CP-13	52	CAST POST		A356 T6 B-108

NOT BY M.F.M.

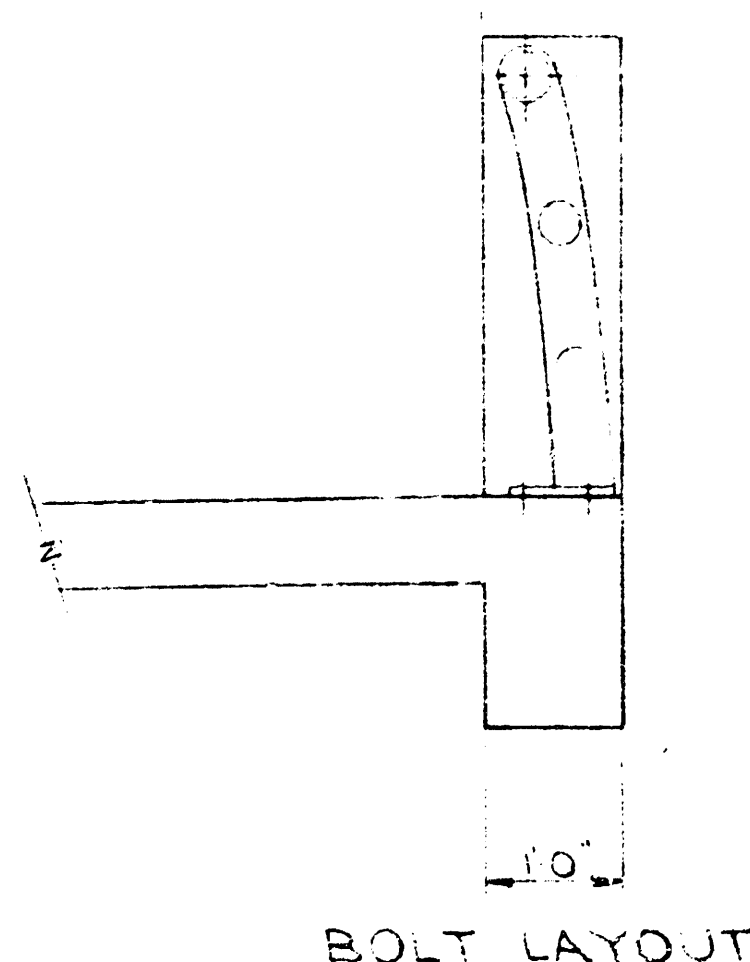
APPROVED

DESIGNED BY: MICHAEL FLYNN
CHECKED BY: [Signature]
DATE: APR 21

NOTE: * WELD P-2 TO ONE END OF TUBE.
SEE DWG. 2 OF 2 FOR CAST POST.



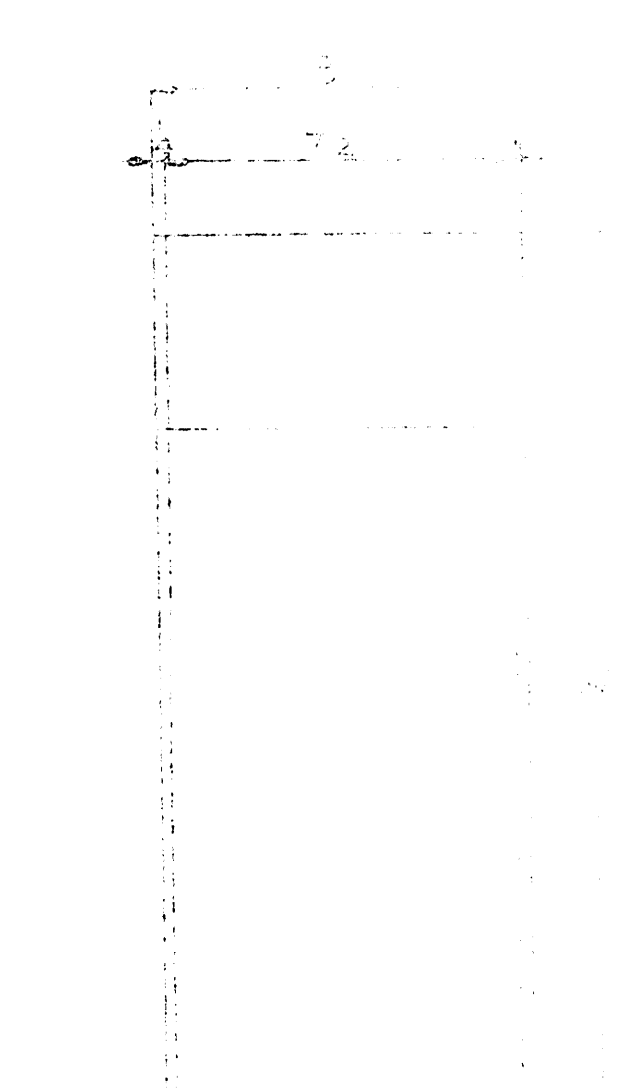
1/2 OF BRIDGE



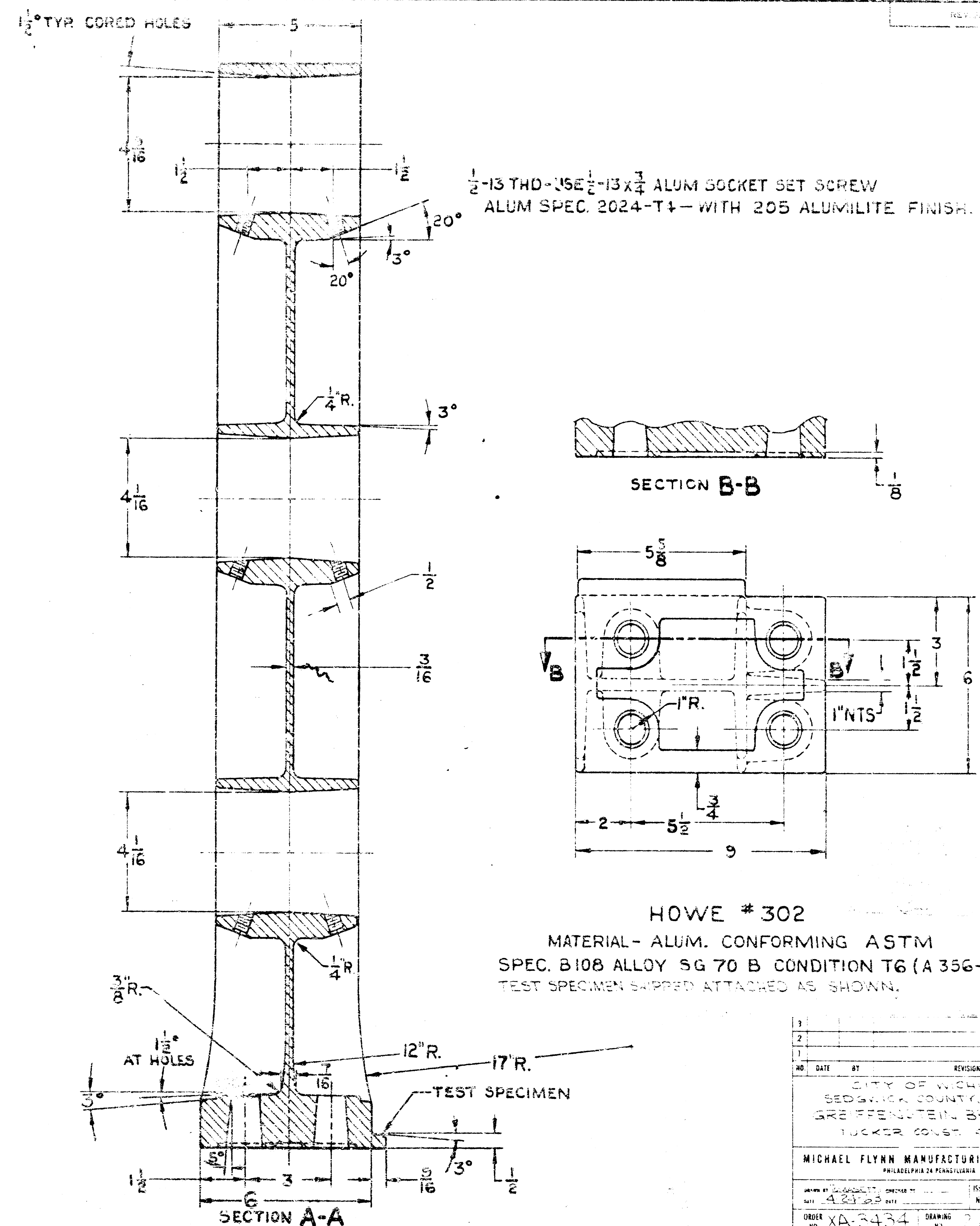
BOLT LAYOUT

4			
3			
2			
1			
NO.	DATE	BY	REVISIONS
CITY OF WICHITA SEDGWICK COUNTY, KANSAS GREIFFENSTEIN BRIDGE TUCKER CONST. CO.			
MICHAEL FLYNN MANUFACTURING COMPANY PHILADELPHIA DEL. PENNSYLVANIA			
WORK BY: MICHAEL FLYNN	DESIGNED BY: [Signature]	DATE: 4-24-68	REVISE NO.
ORDER NO. XA-3434	QUANTITY	1 OF 2	D

DESIGNED BY: MICHAEL FLYNN
CHECKED BY: [Signature]
DATE: APR 21

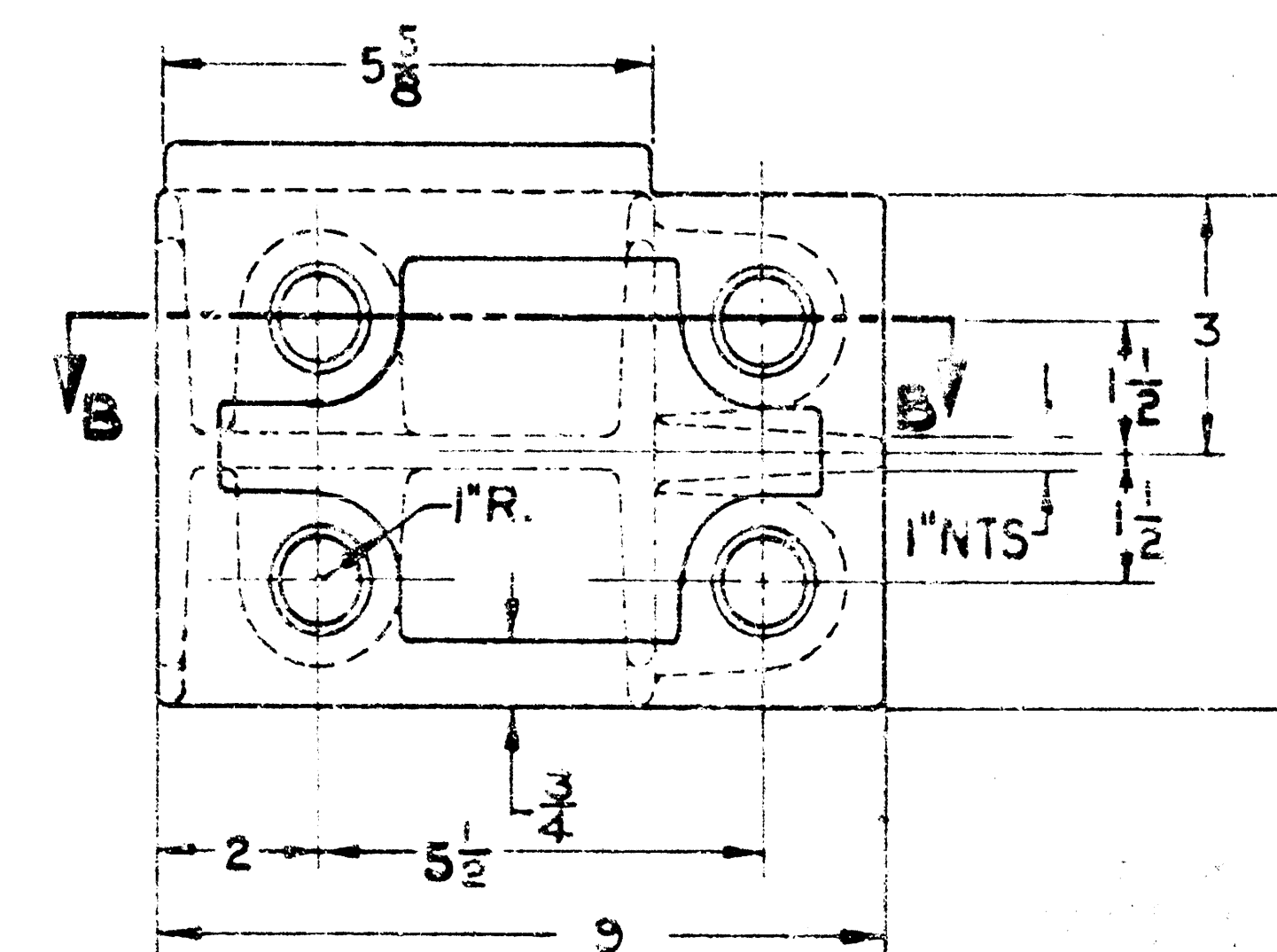


ONE - BRIDGE PLANS 14x24
PLA PLANS 14x24



1/2-13 THD-USE 1/2-13 x 3/4 ALUM SOCKET SET SCREW
ALUM SPEC. 2024-T4 - WITH 205 ALUMILITE FINISH.

SECTION B-B



HOWE #302
MATERIAL- ALUM. CONFORMING ASTM
SPEC. B108 ALLOY 5G 70 B CONDITION T6 (A 356-T6)
TEST SPECIMEN SHIPPED ATTACHED AS SHOWN.

3			
2			
NO	DATE	BY	REVISIONS
			CITY OF NEW YORK DEPARTMENT OF PLANNING PLANNING COMMISSION PLANNING COMMISSION PLANNING COMMISSION
			MICHAEL FLYNN MANUFACTURING COMPANY PHILADELPHIA 24 PENNSYLVANIA
APPROVED BY	DATE	DESIGNED BY	ISSUE NO.
ORDER	DATE	DRAWING NO.	NO.

