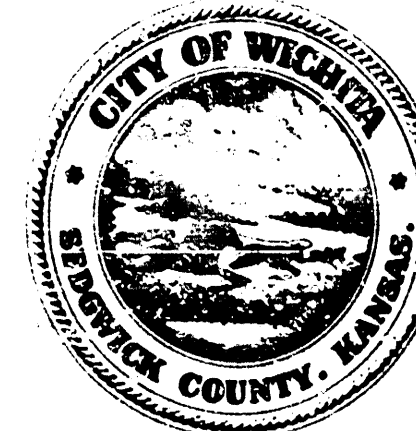


CITY OF WICHITA



SEDGWICK COUNTY, KANSAS

PART I
GRADING
DRAINAGE
PAVING

PART II
BRIDGE

GREIFFENSTEIN BRIDGE

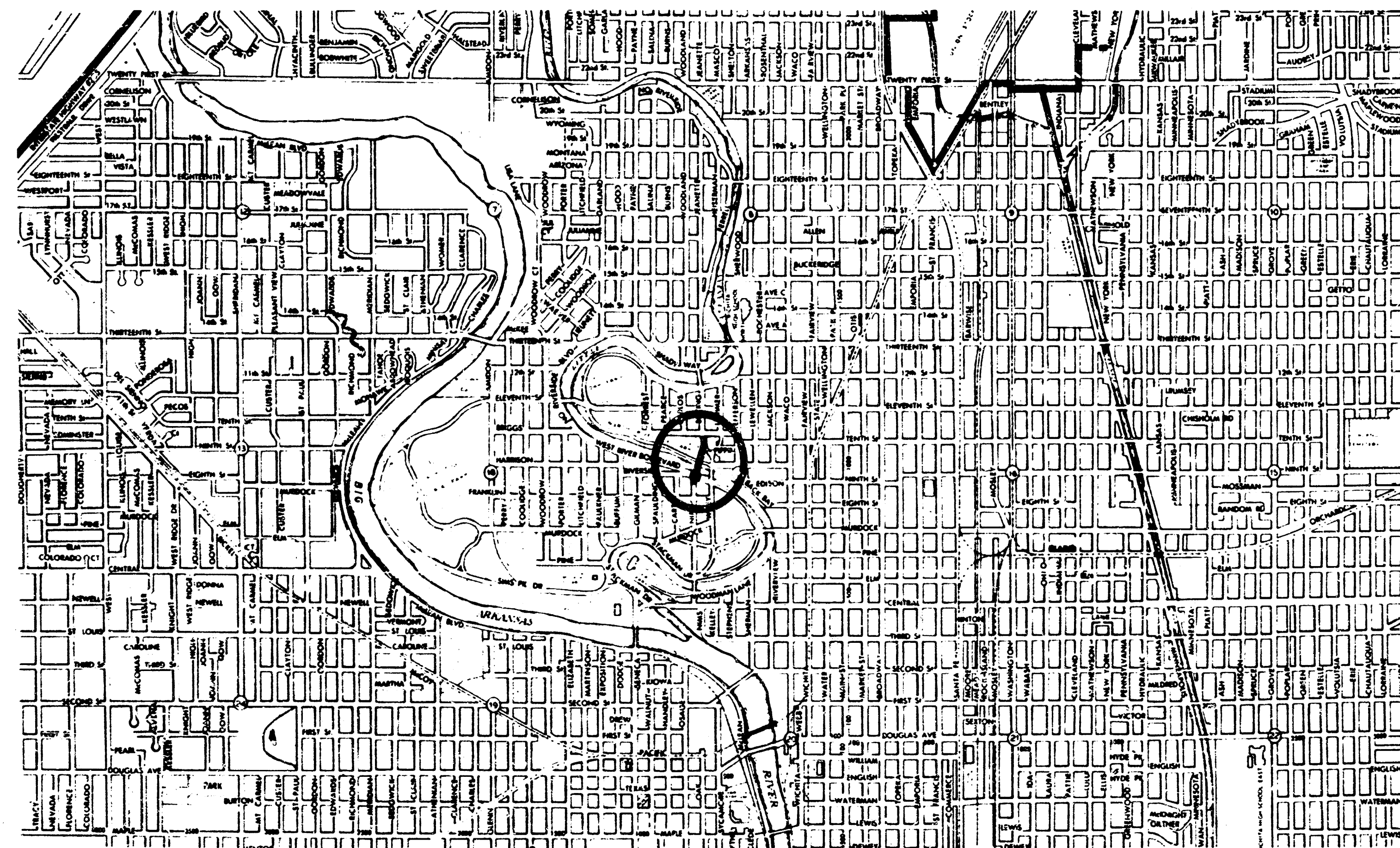
INDEX OF SHEETS

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

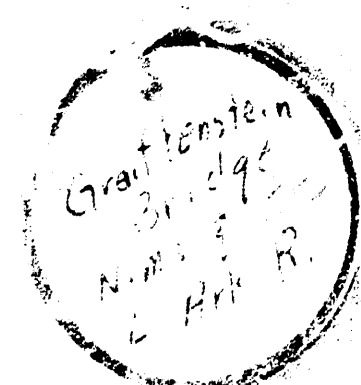
PART II

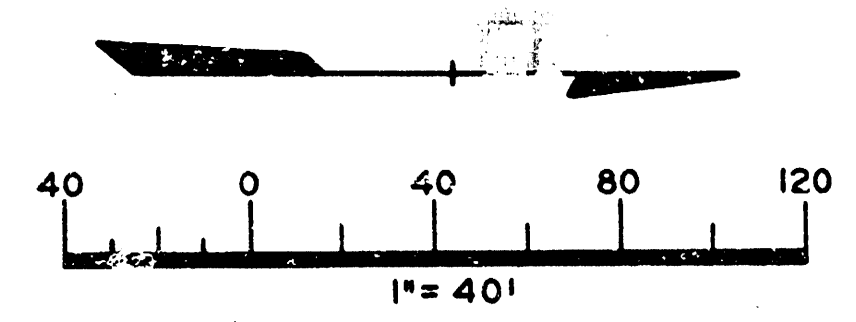
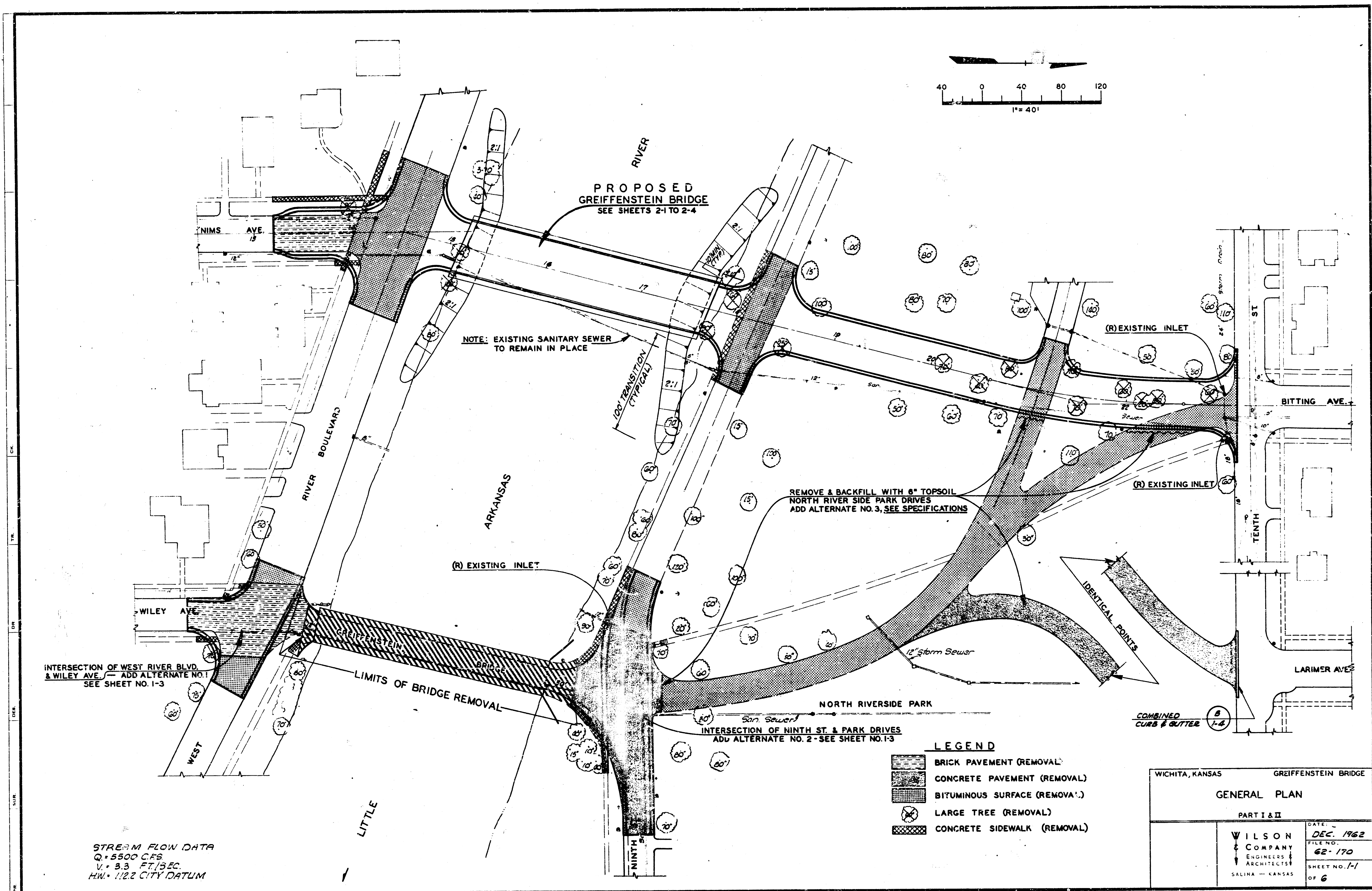
- 2-1 BRIDGE CONSTRUCTION LAYOUT
- 2-2 ABUTMENT & MISC. DETAILS
- 2-3 PIER & MISC. DETAILS
- 2-4 DECK REINFORCING



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 = 112.2 CITY DATUM

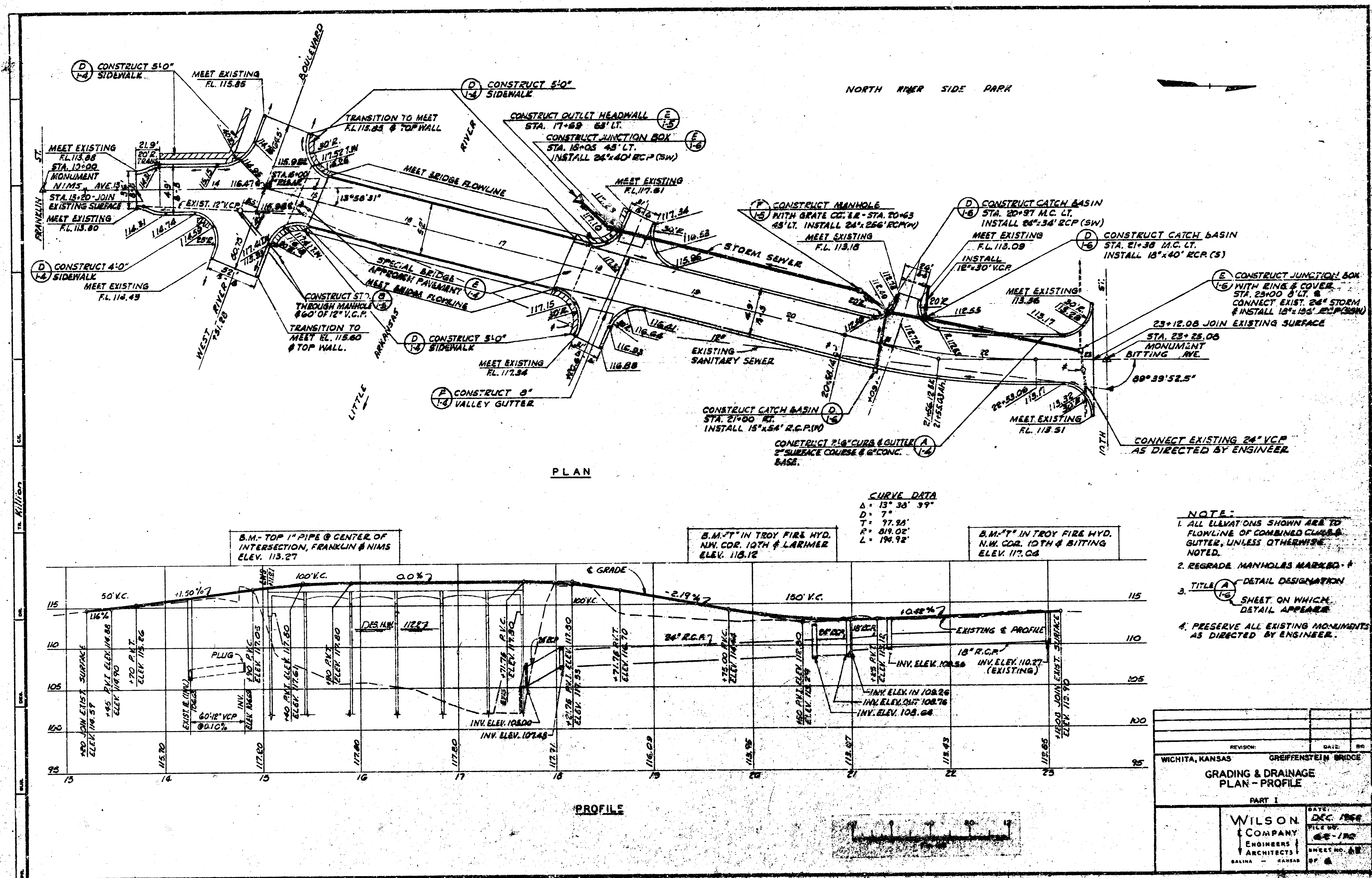
NOTE: EXISTING SANITARY SEWER
TO REMAIN IN PLACE

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

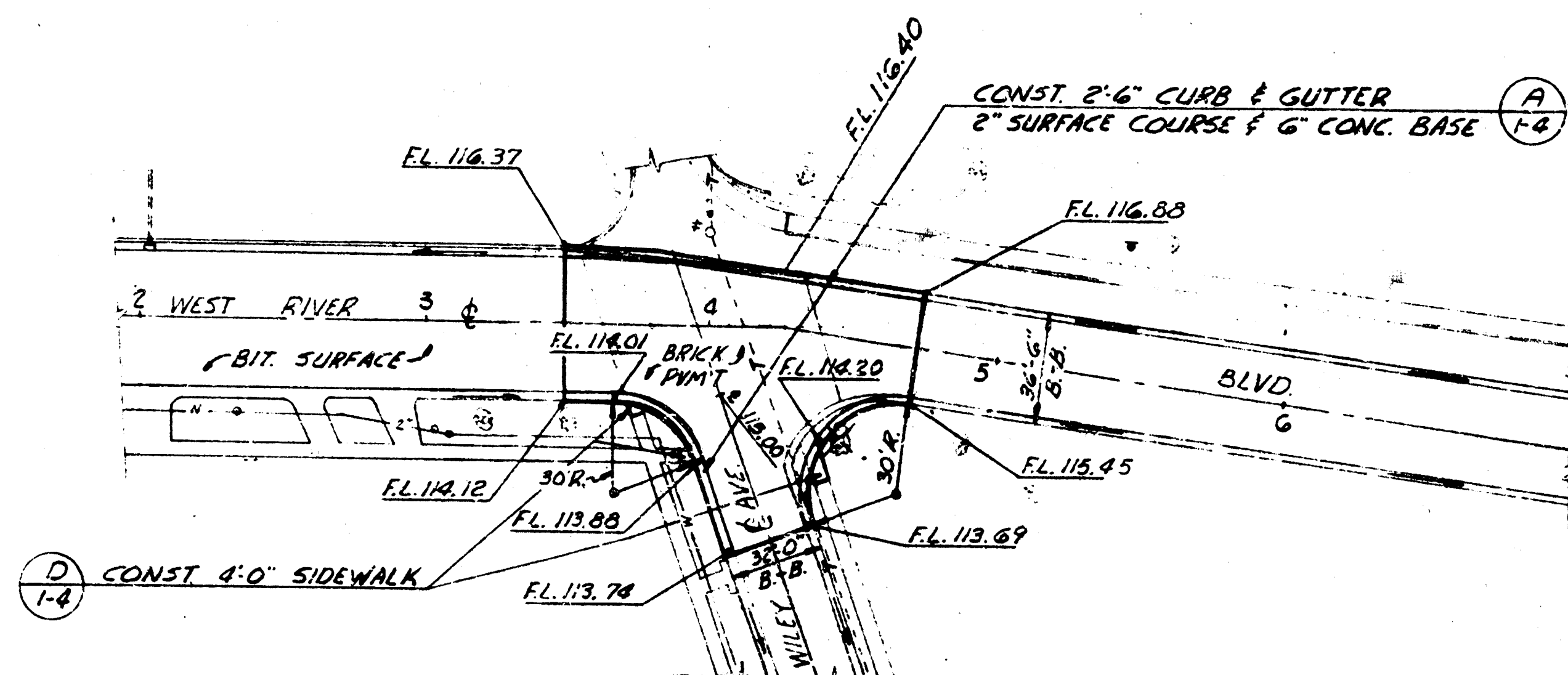
REMOVE & BACKFILL WITH 6" TOPSOIL
NORTH RIVER SIDE PARK DRIVES
ADD ALTERNATE NO. 3, SEE SPECIFICATIONS

- 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	DEC. 1962	
	FILE NO.	62-170	
	SHEET NO.	1-1 OF 6	

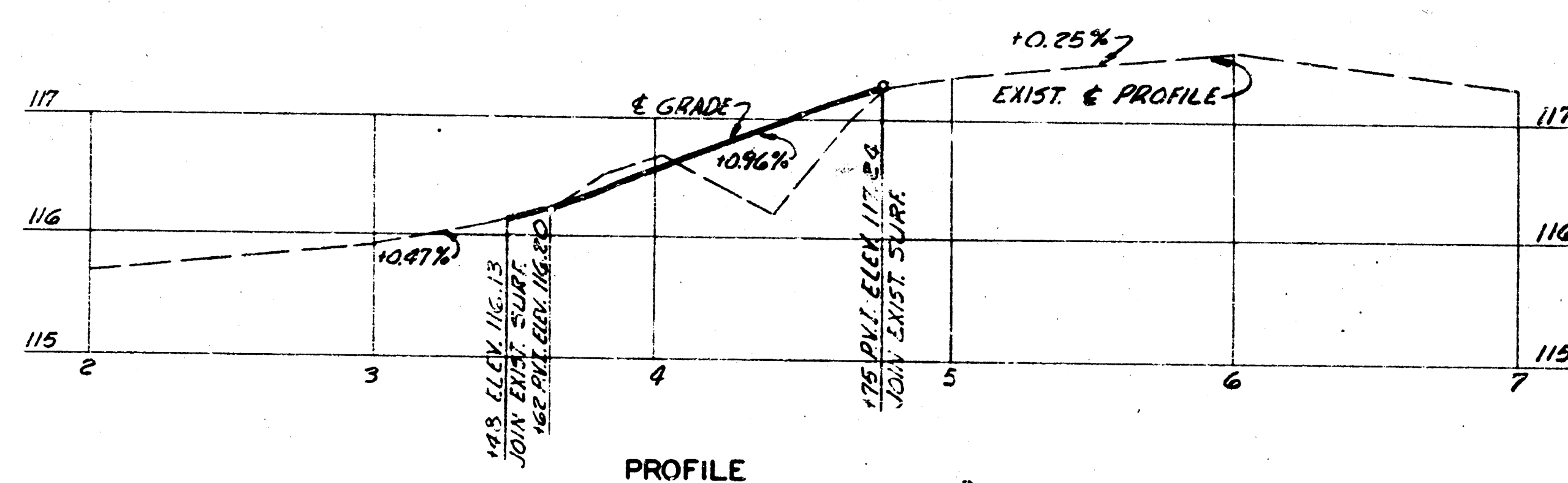


SCALE 1"=40'



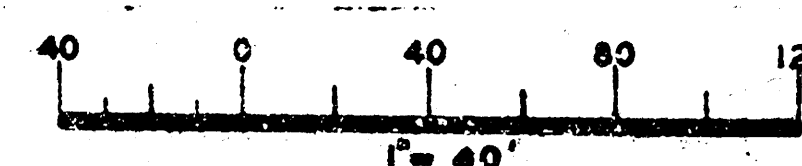
PLAN

B.M. TOP 1" PIPE - SW COR. OF
WILEY AVE. & WEST RIVER DRIVE
ELEV. 114.77

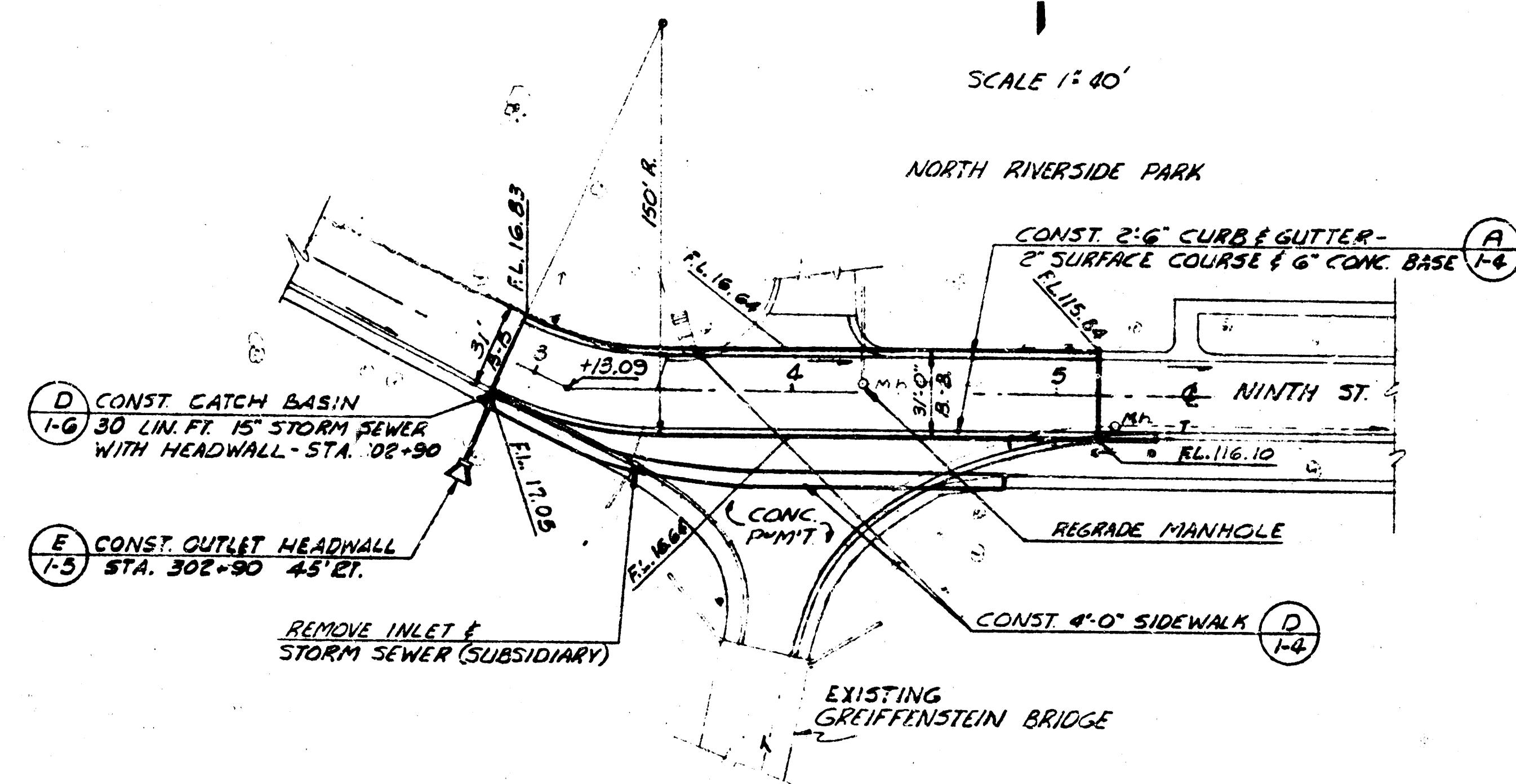


PROFILE

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

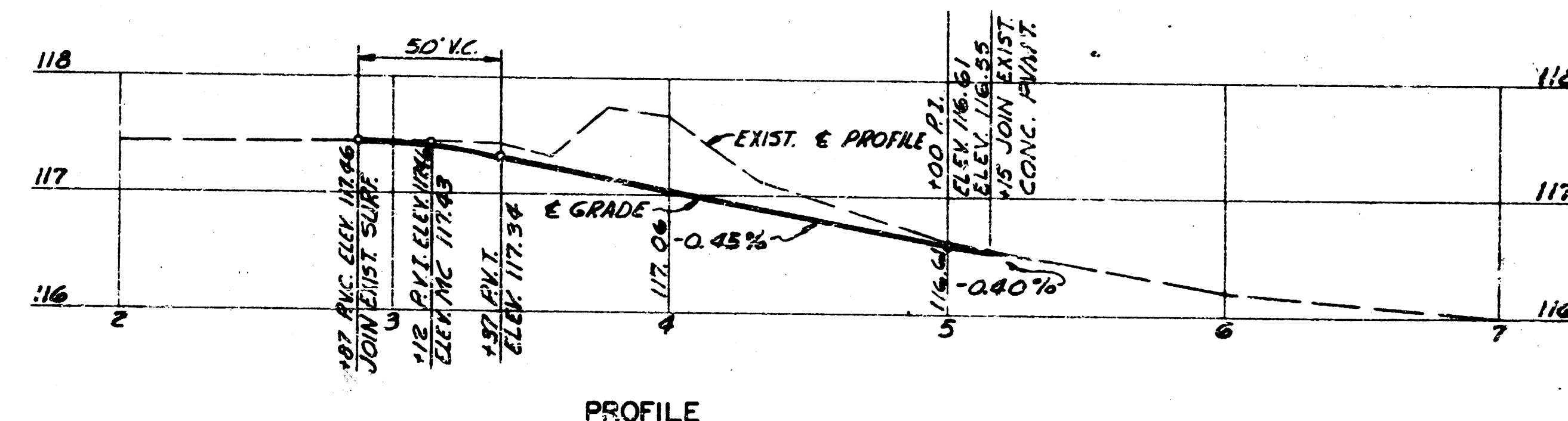


SCALE 1"=40'



PLAN

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

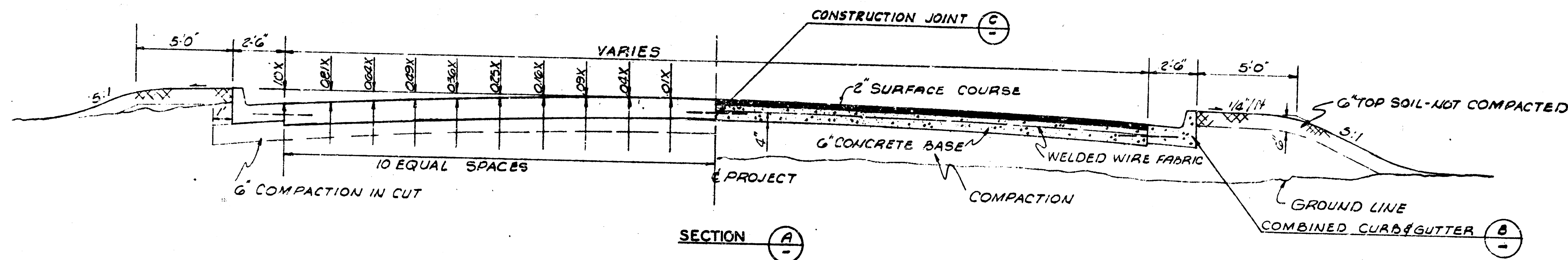


PROFILE

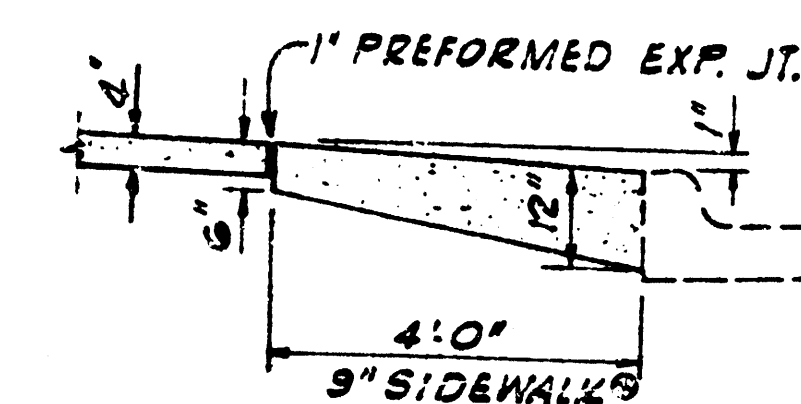
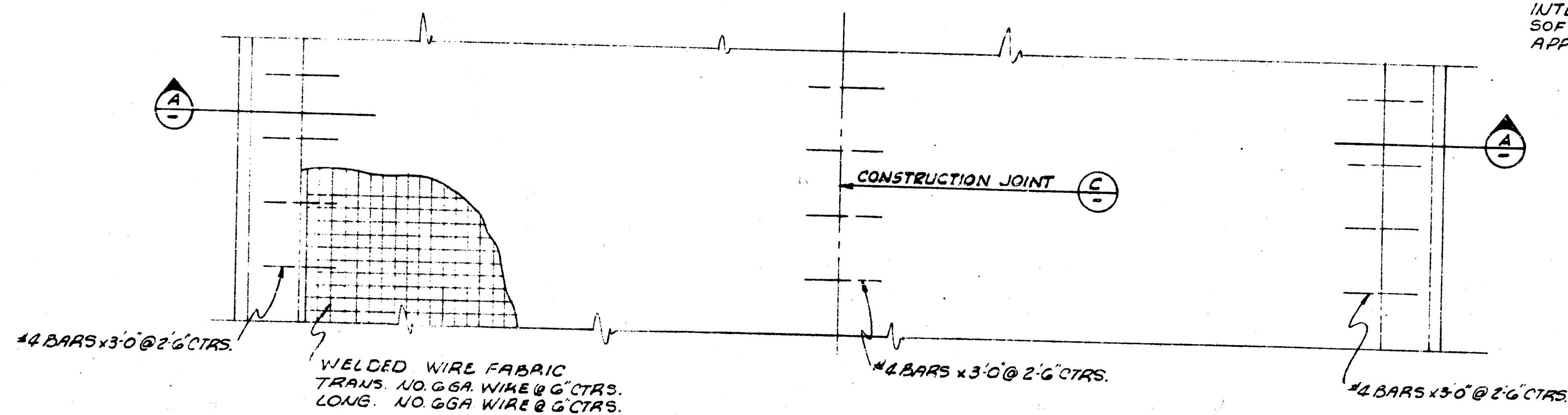
INTERSECTION OF NINTH ST. & PARK DRIVES
ADD ALTERNATE NO. 2

WICHITA, KANSAS		GREIFFENSTEIN BRIDGE	
GRADING PLAN ALTERNATES 1 & 2			
PART I			
WILSON & COMPANY ENGINEERS & ARCHITECTS SALINA - KANSAS		DATE: DEC. 1963 FILE NO. 62-170 SHEET NO. 143 OF 6	

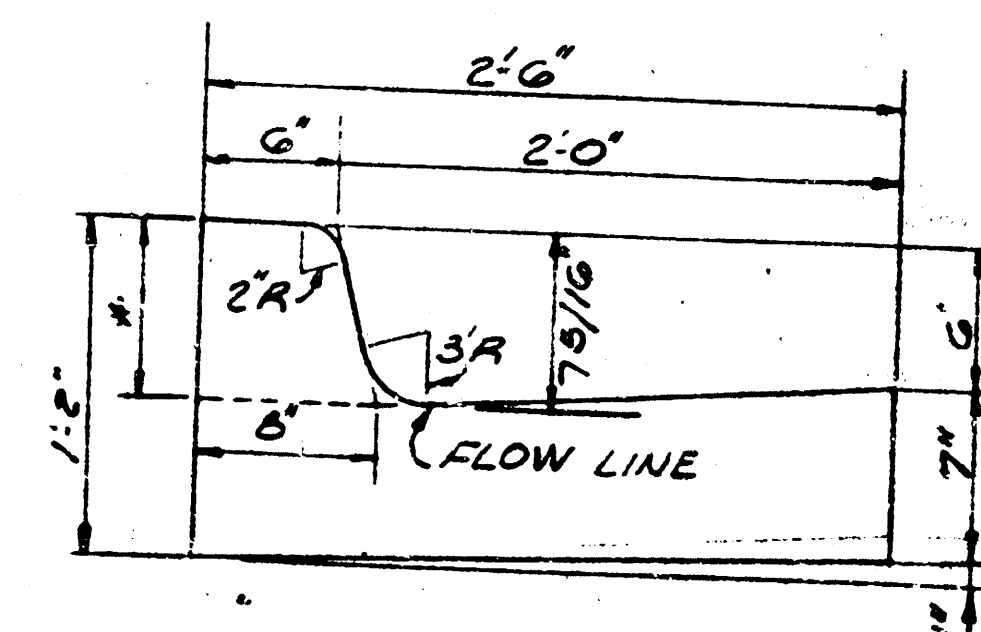
WIDTH-FEET BACK TO BACK	CROWN "X"
49 FOOT	.49 FOOT
36 FOOT	.36 FOOT
31 FOOT	.31 FOOT



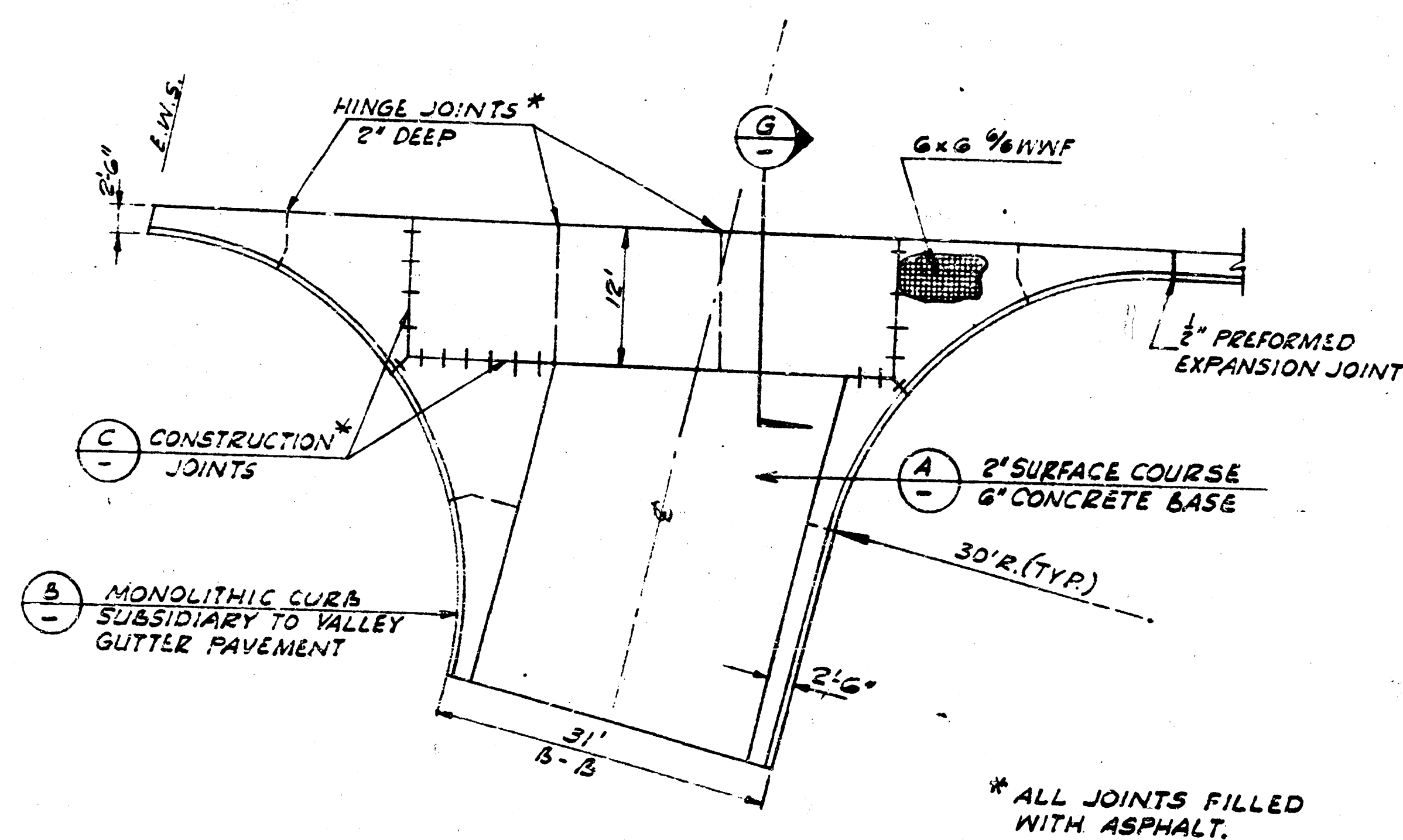
INTERSECTION OF ALL SLOPE LINES SHALL BE SOFTENED AND ROUNDED FOR PLEASING APPEARANCE.



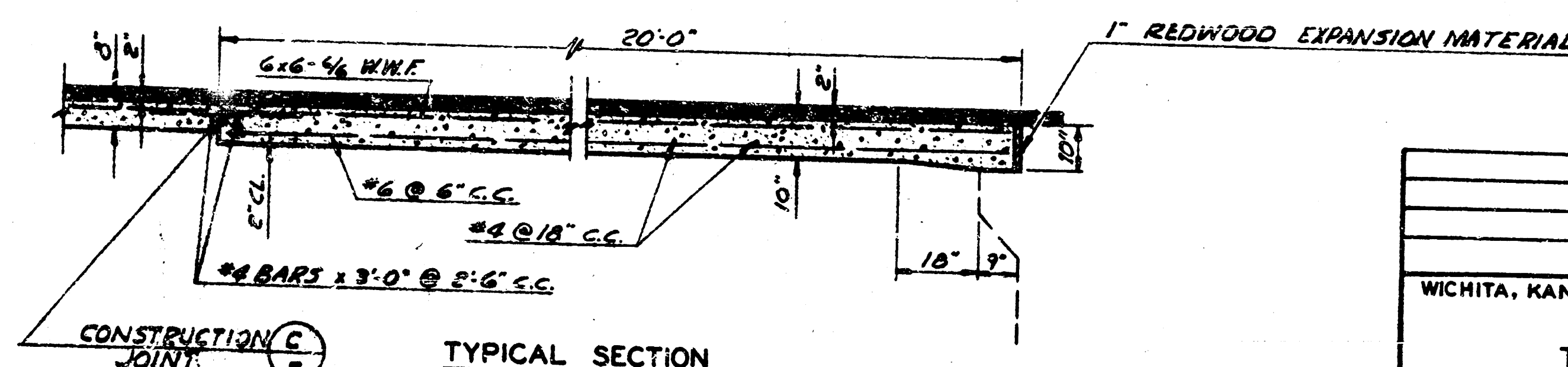
AT END OF SIDEWALK IN INTERSECTIONS OR AT BRIDGE ABUTMENT.



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

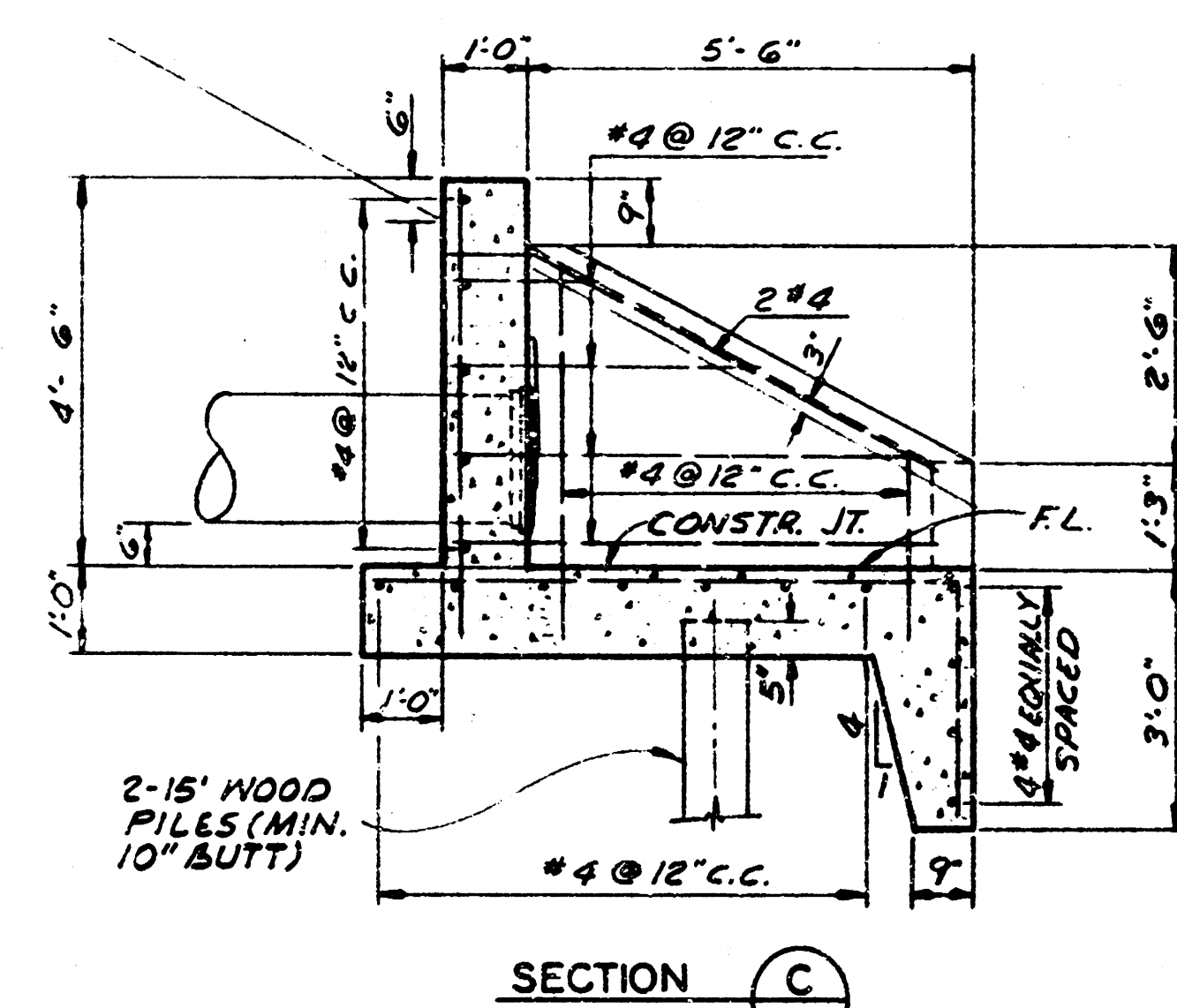
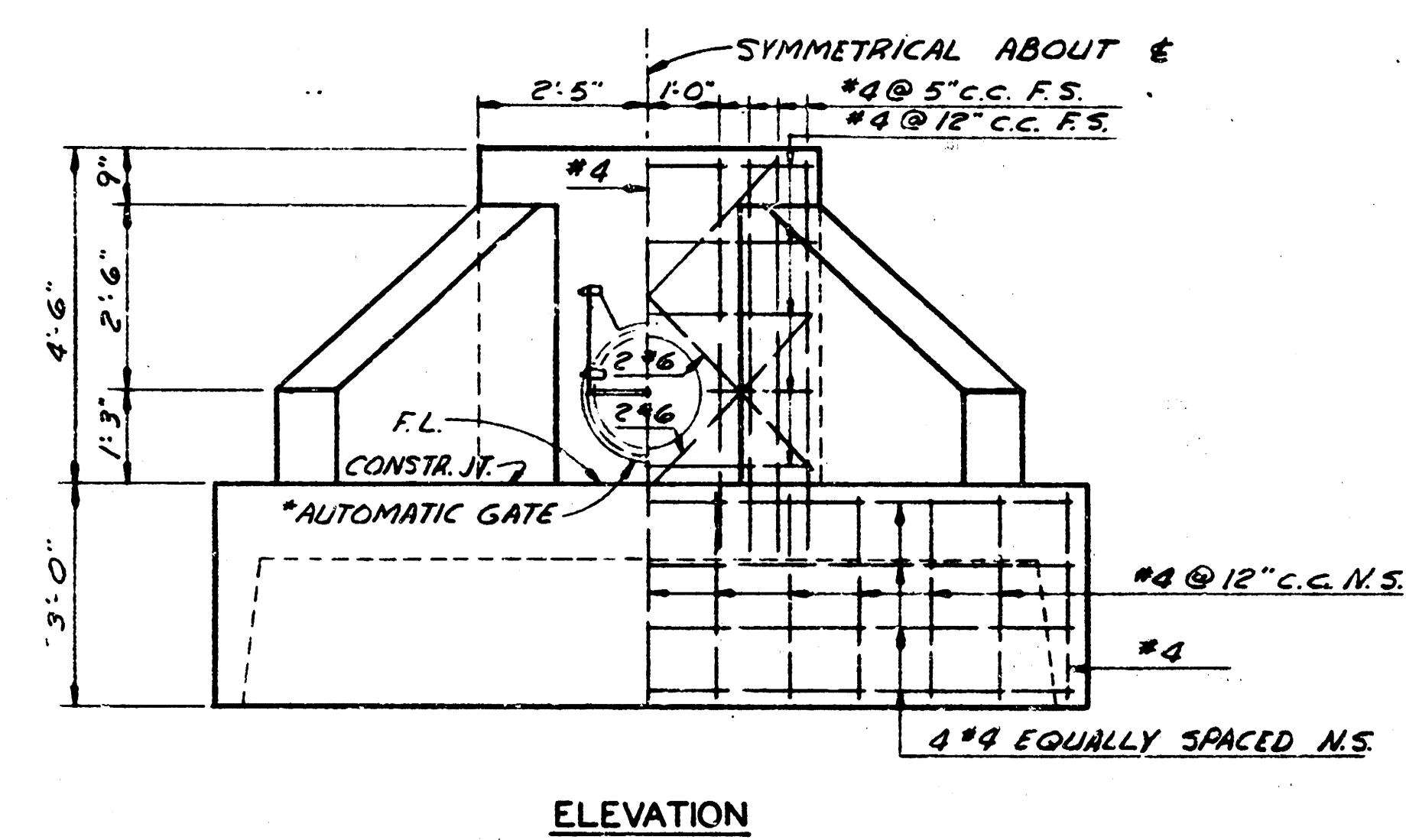
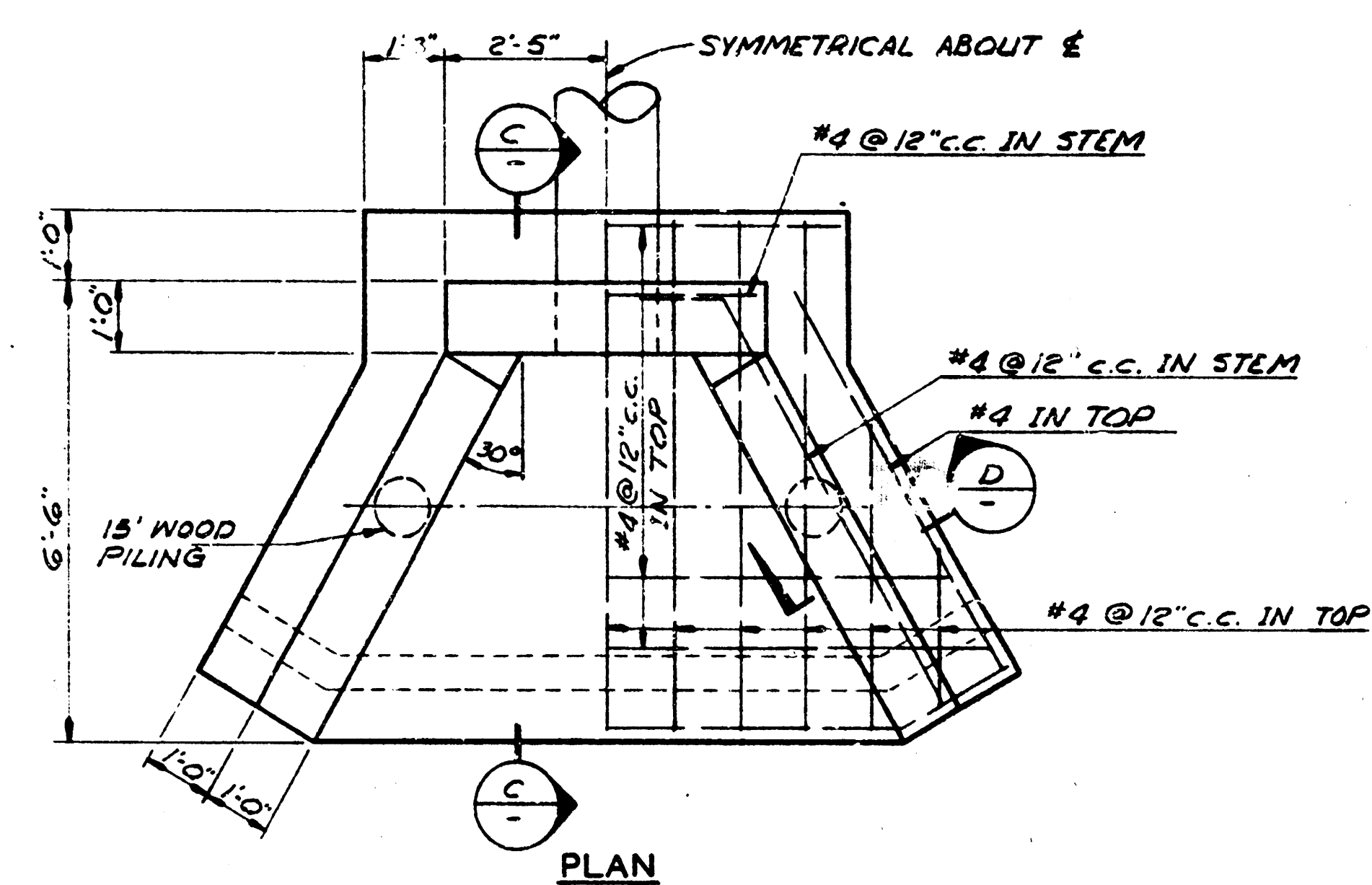


8" VALLEY GUTTER SCALE 1"=10'

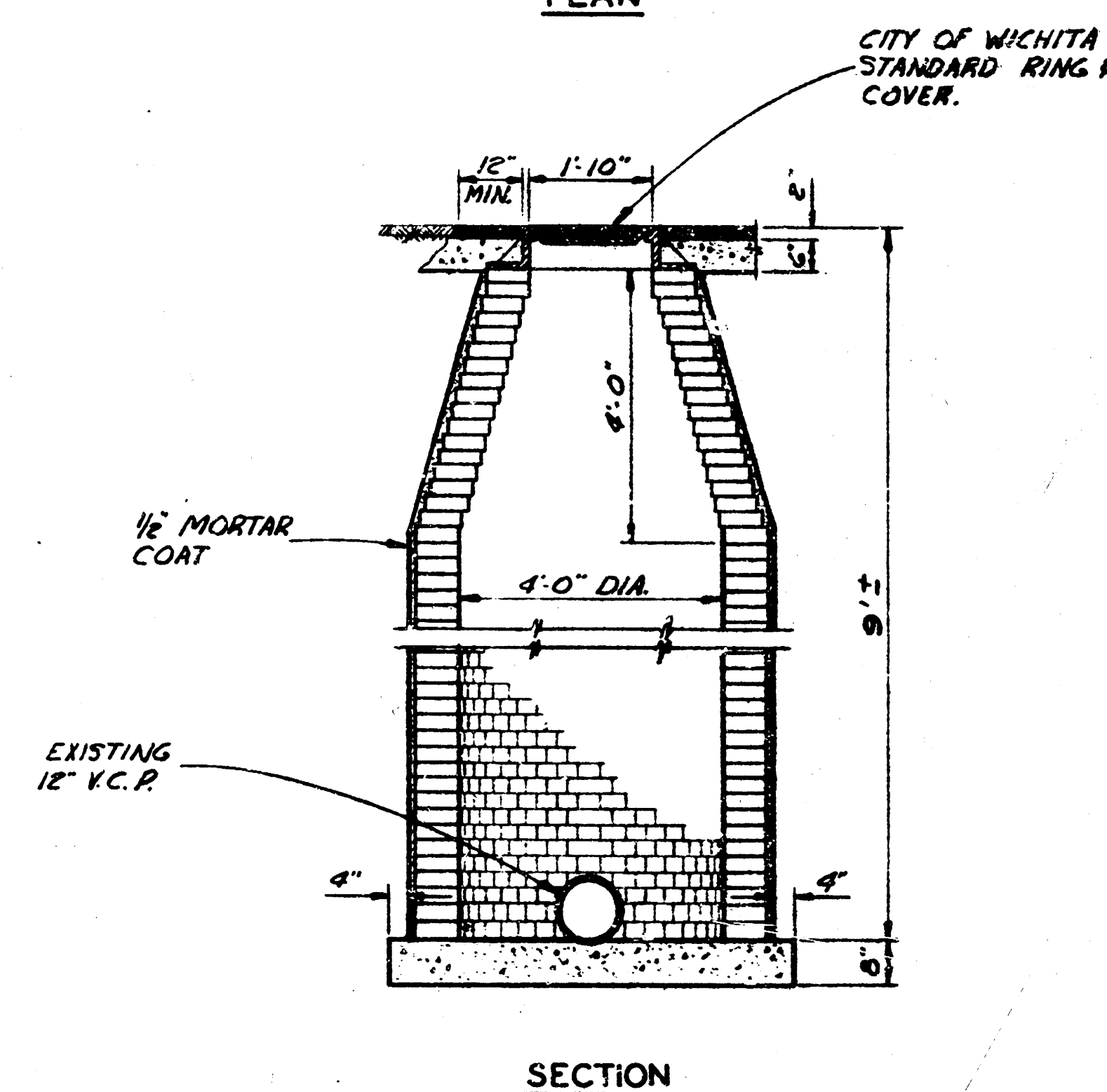
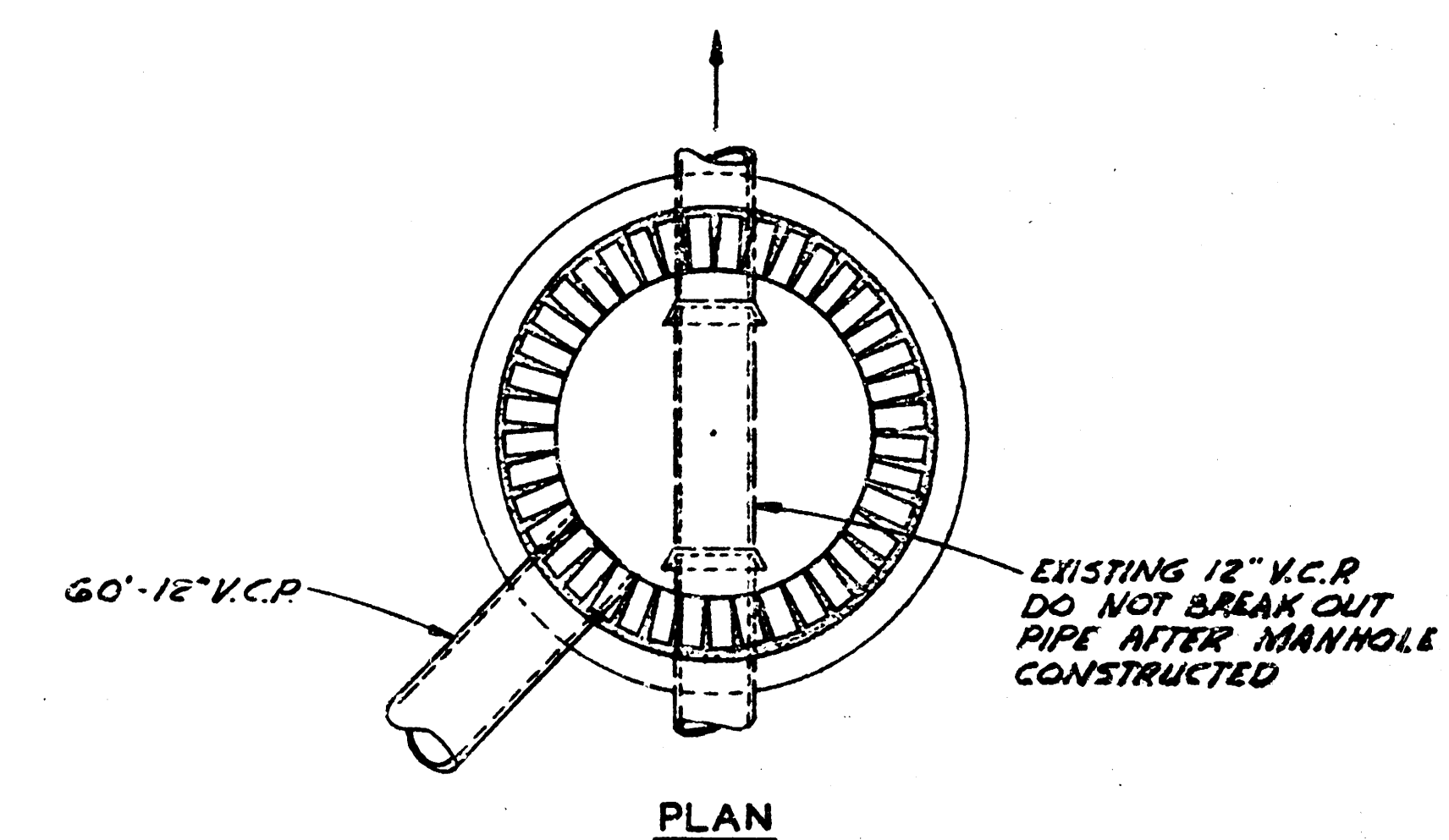
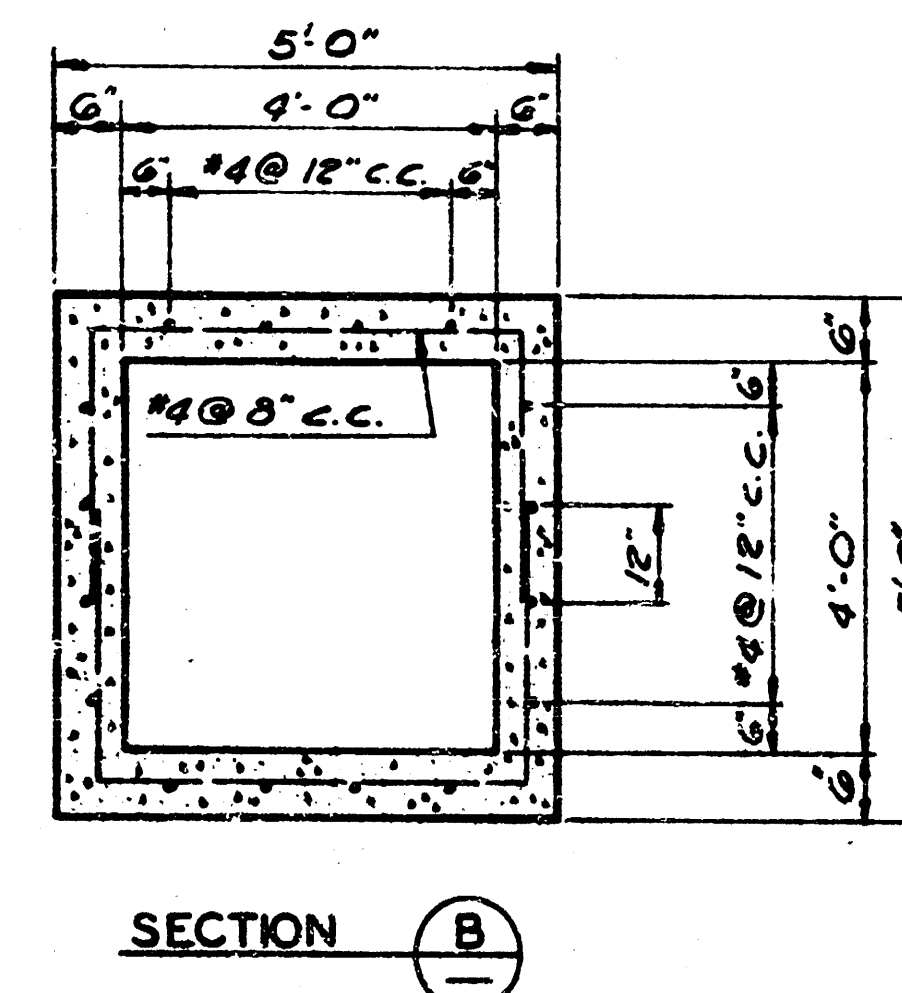
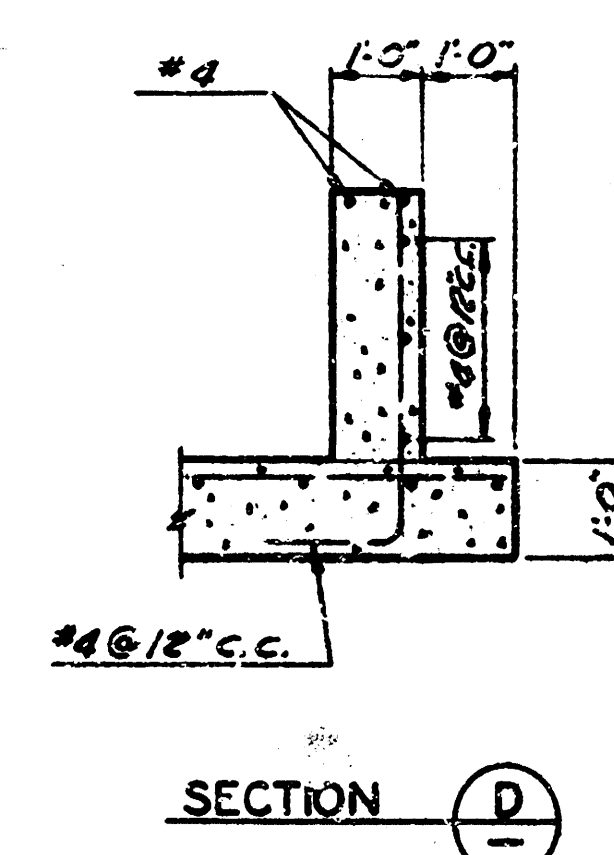
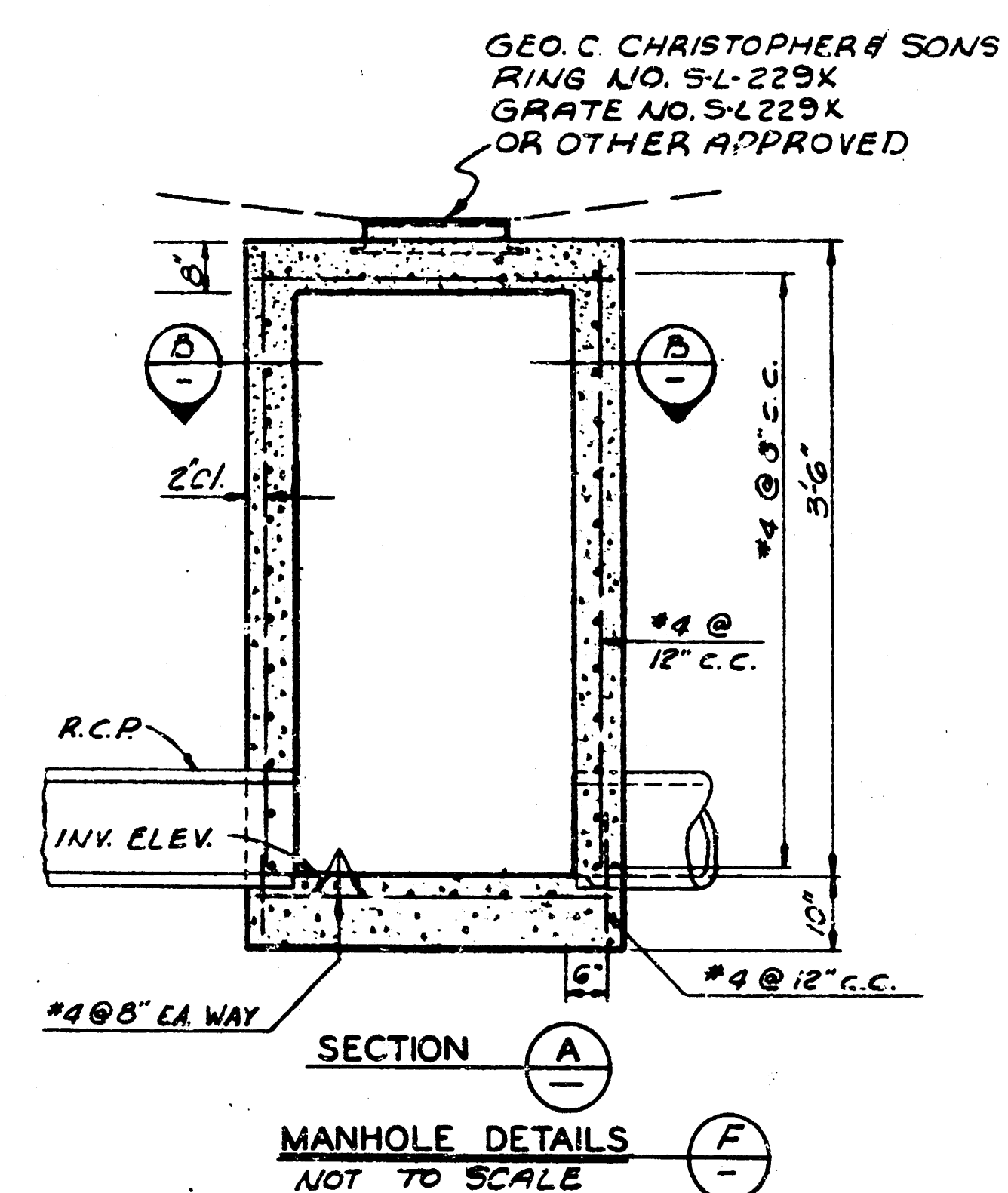
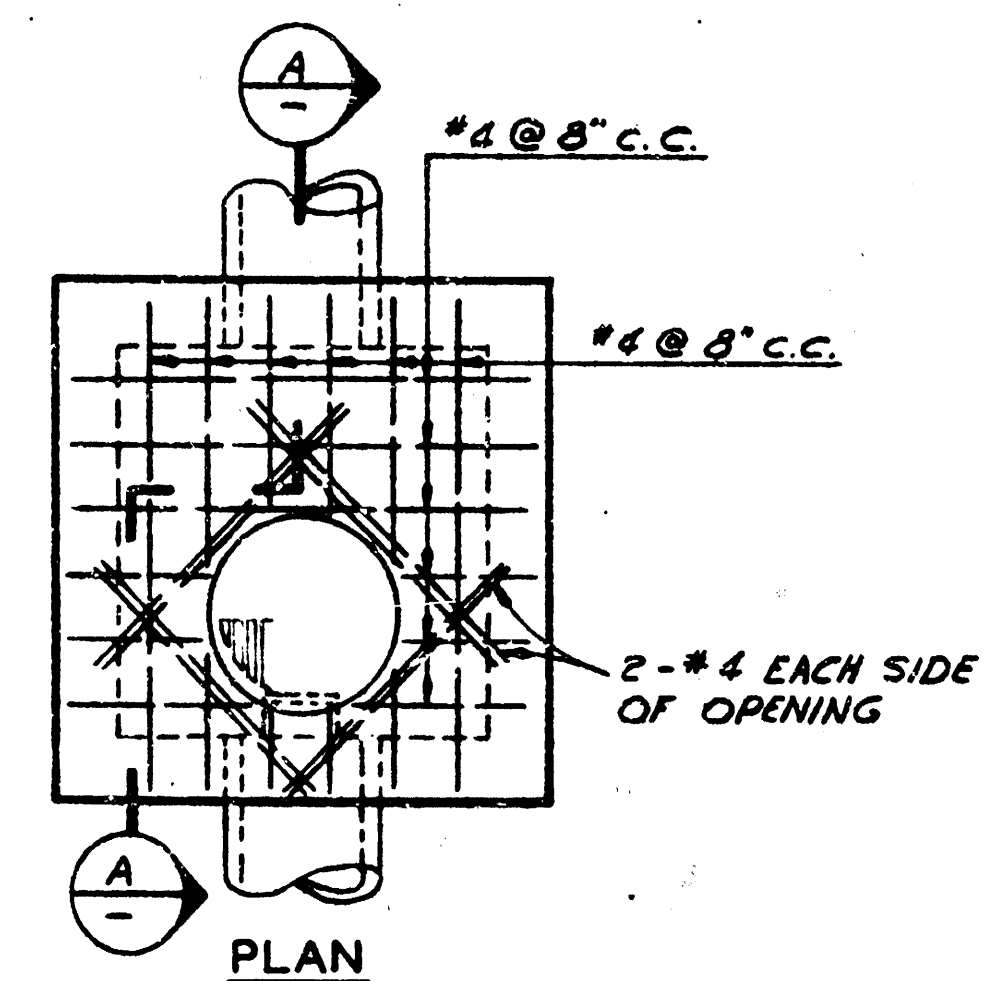


SPECIAL BRIDGE APPROACH PAVEMENT PAID FOR AS 2" SURF COURSE & 6" CONC. BASE SCALE 1/2"=1'-0"

REVISION:	DATE:	BY:
WICHITA, KANSAS	GREIFFENSTEIN BRIDGE	
TYPICAL SECTIONS		
PART I		
WILSON & COMPANY	DATE: DEC. 1942	FILE NO. 68-170
ENGINEERS & ARCHITECTS		SHEET NO. 14
SALINA - KANSAS		OF 6



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:	BY:

WICHITA, KANSAS GREIFFENSTEIN BRIDGE

HEADWALL & MANHOLE DETAILS

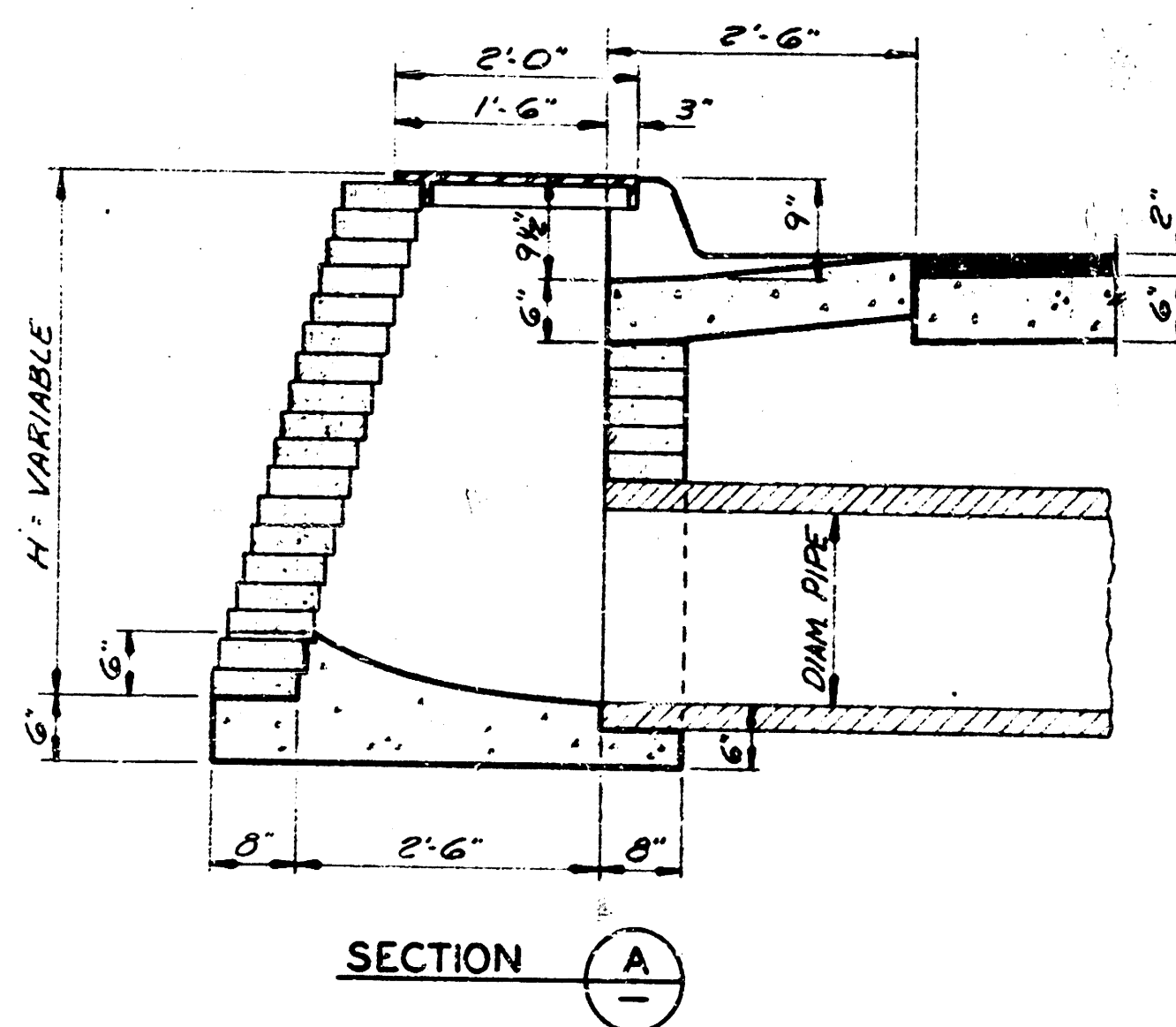
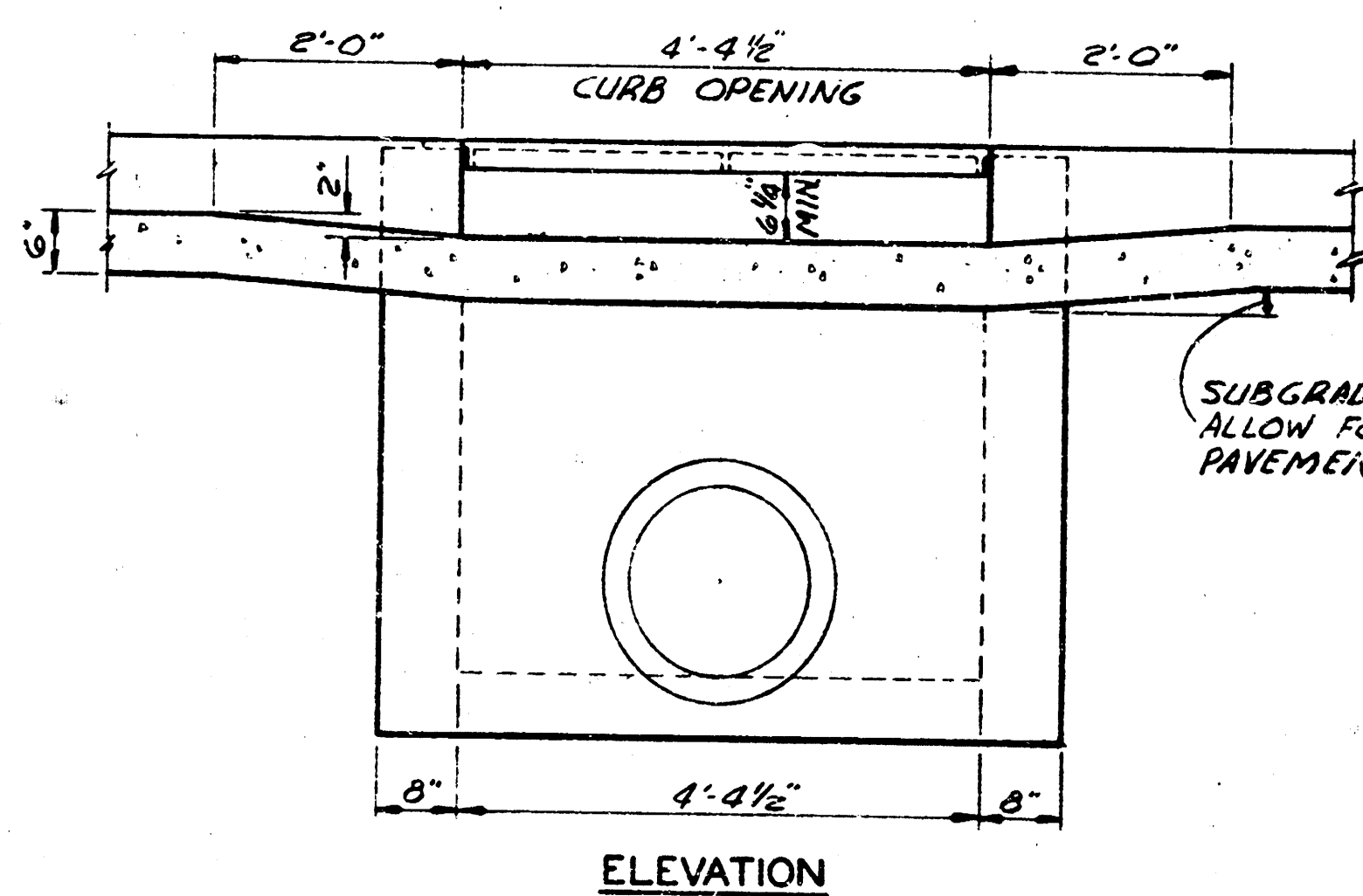
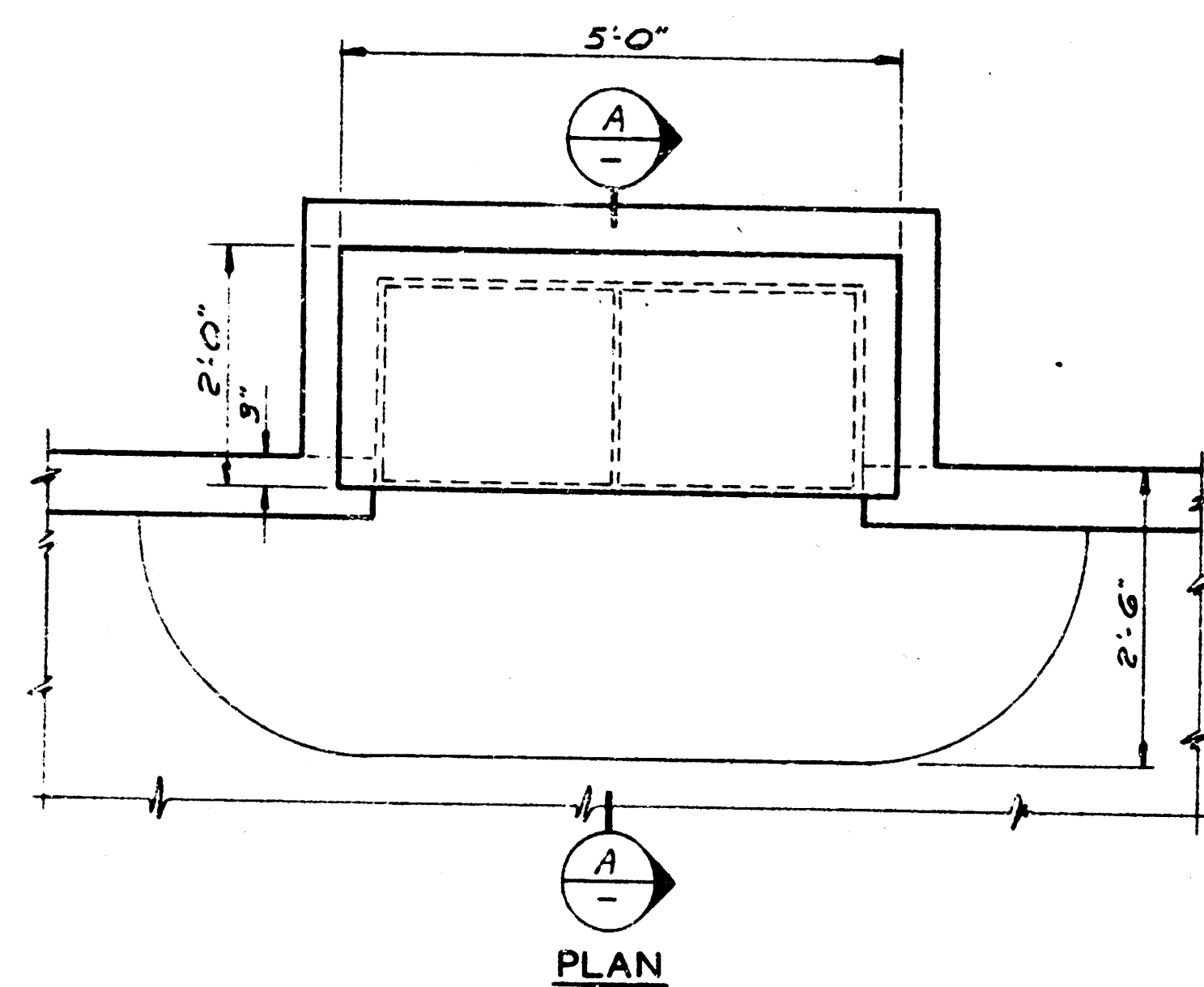
PART I

WILSON
COMPANY
↓
ENGINEERS
↑
ARCHITECTS
SALINA — KANSAS

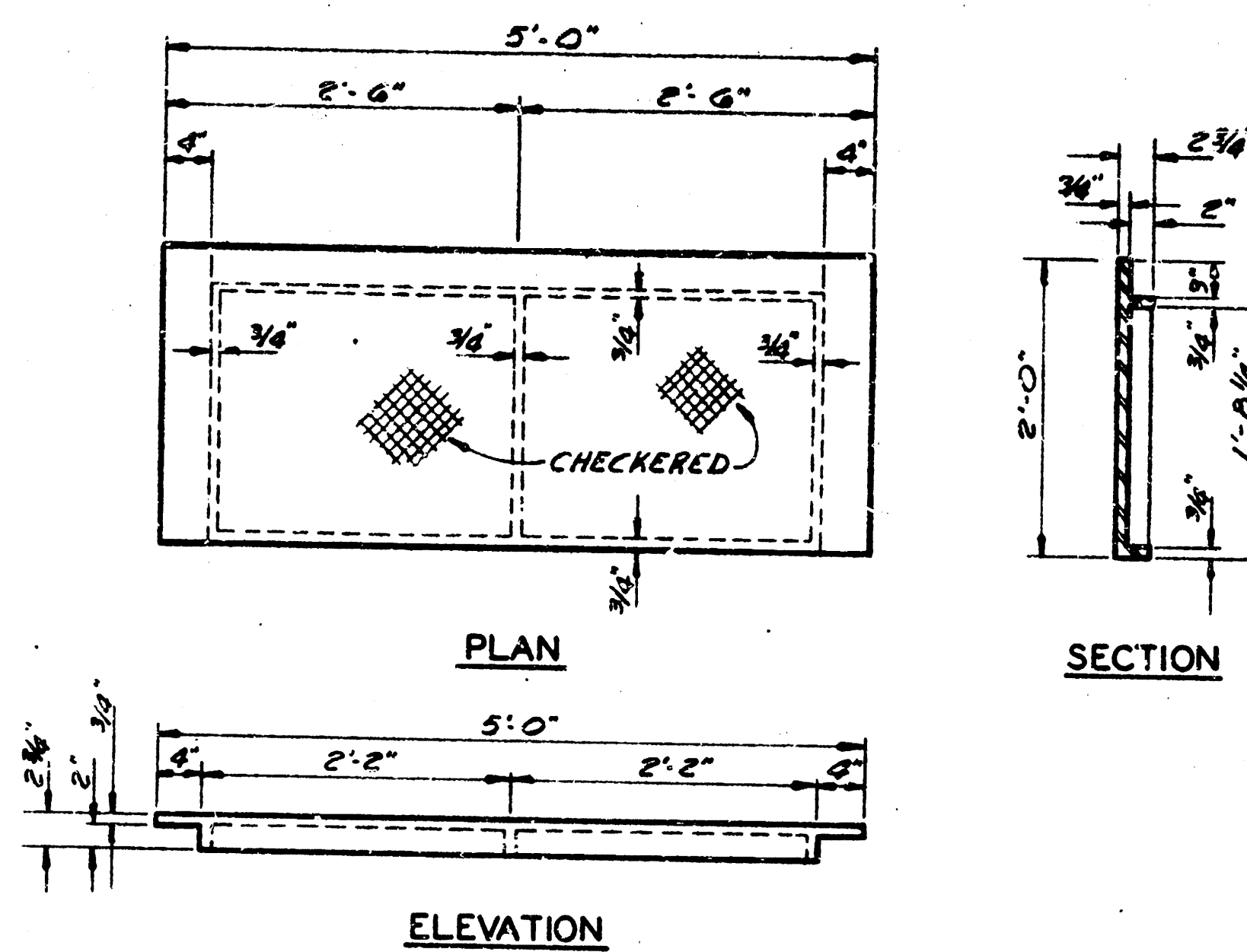
DATE: DEC. 1962

FILE NO.
62-170

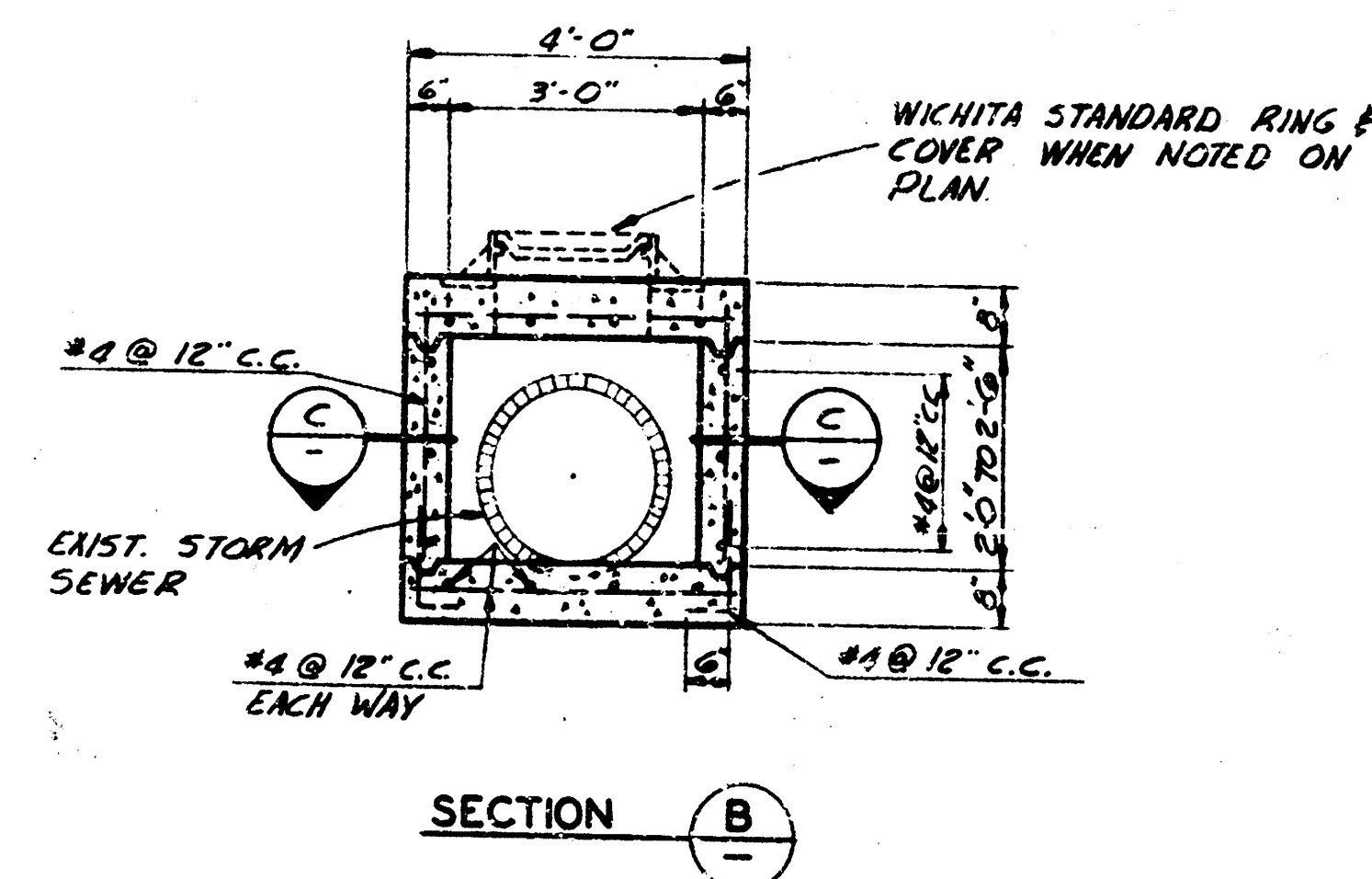
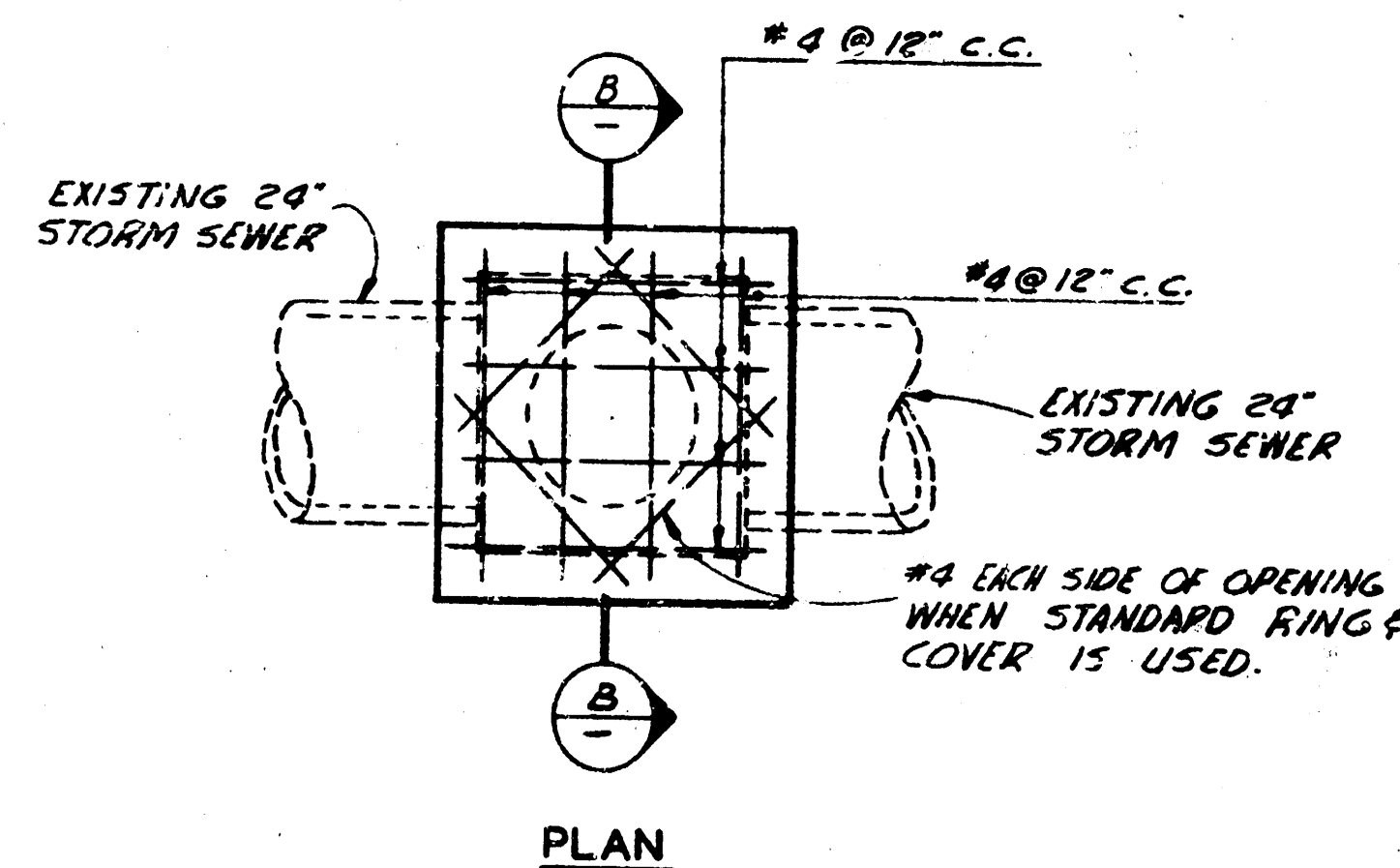
SHEET NO. 15
OF 6



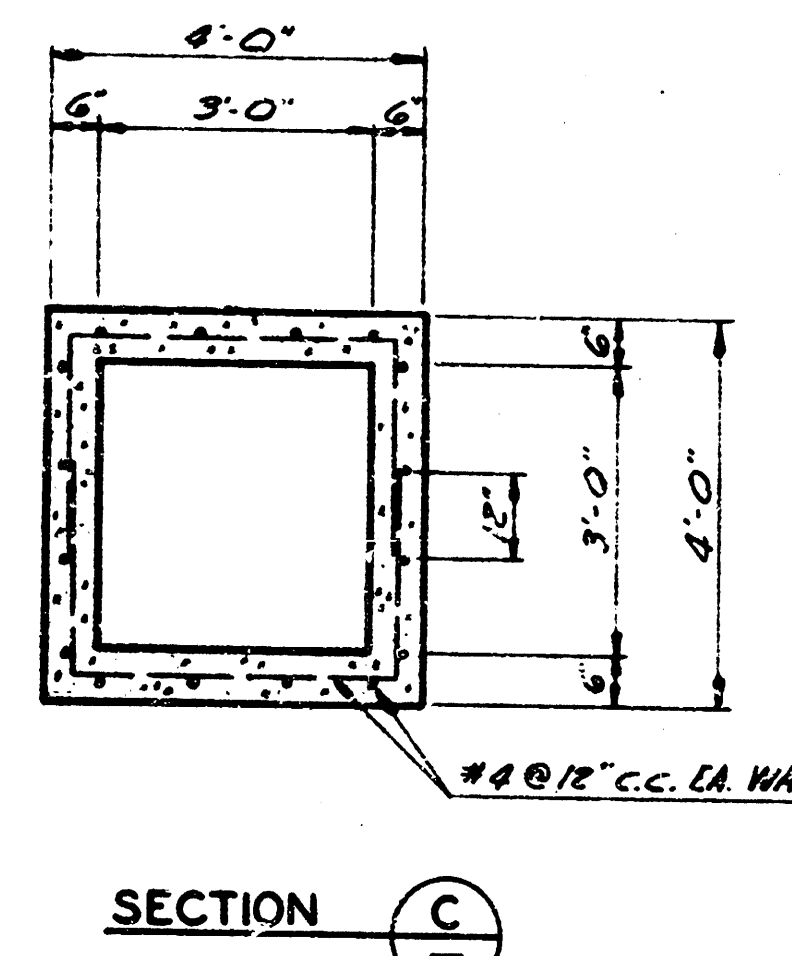
STANDARD CATCH BASIN (D)
SCALE: 3/4" = 1'-0"



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. E.	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 SALINA - KANSAS	DATE:	DEC. 1962
	FILE NO.	62-170
	SHEET NO.	1-6
	OF	6

