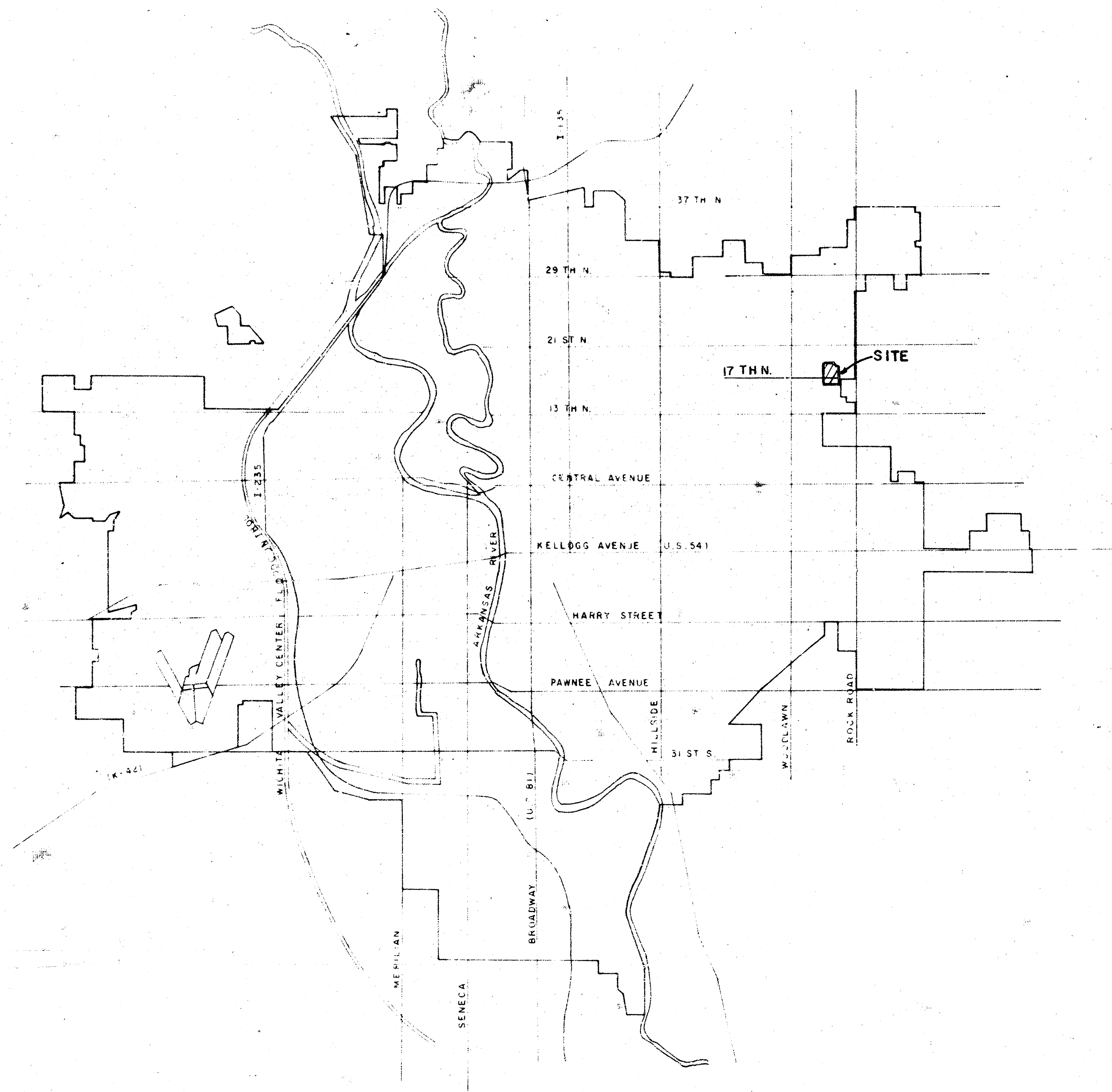


CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
DOREEN AND 18TH STREET NORTH

From North Line of 17th Street North
to West Line of Winstead

PROJECT NO. 472-76-245-80843-000-000-001

ACTING CITY ENGINEER - DEAN SELLERS.

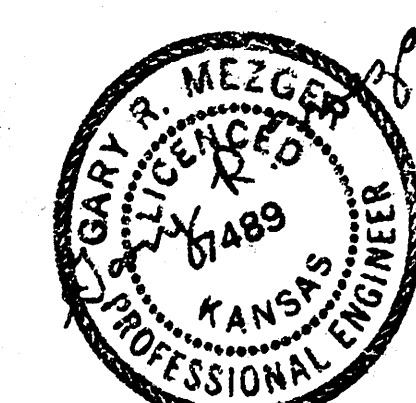


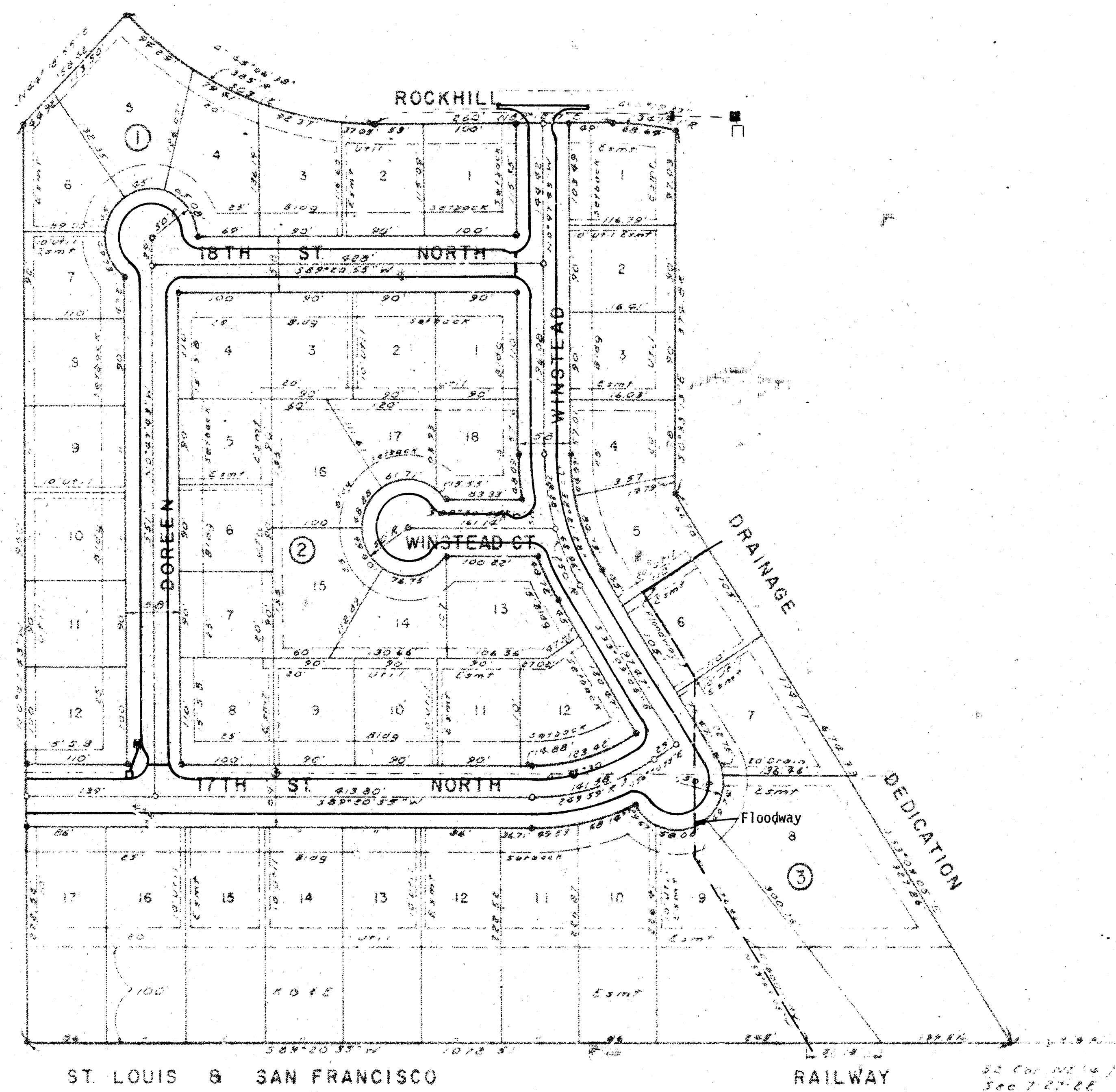
INDEX TO DRAWINGS

1. Title Sheet
2. Layout Map
3. Doreen
4. 18th Street North
5. Paving Detail 29' AC Offset Crown
6. Type IA Curb Inlet
7. X- Sections Doreen & 18th St. No.

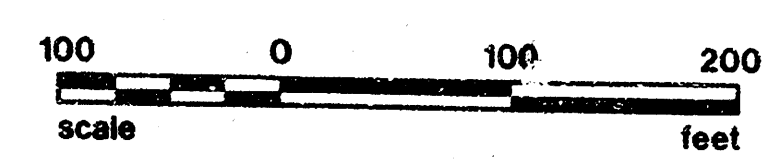
APPROVED AS NOTED	
By CITY ENGINEER OF WICHITA	
Paving <i>Steve P. Kelly</i>	Date <i>1-10-80</i>
Drainage	Date

dp POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS

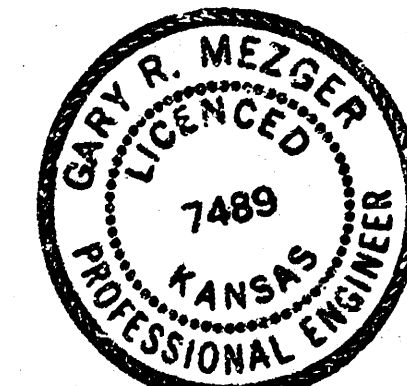


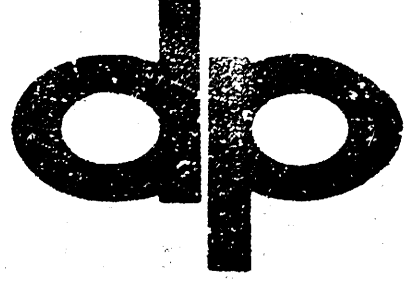


- GENERAL NOTES:
1. All Radius Dimensions are to Face of Curb.
 2. Spot Elevations are Top of Curb, Gutter Line of Curb, and Crown of Pavement.
 3. Spot Elevations on Intersections and Cul-De-Sacs are 1/4 Points, Reverse Curves, and Return Points.
 4. All Metal pipe shall be helically corrugated pipes fully coated inside and outside. The coating may be bituminous or polymeric as specified in AASHTO Designation M246-78, Type B. All such coated corrugated pipes shall be smooth flow pipes for sizes 24" diameter or larger. All connection for these fully paved and/or fully coated pipes shall be fairly watertight constructed using hugger type coupler or equal.
 5. Contractor shall have the option of installing pre-cast Type 1A curb inlet in lieu of the brick type structure. See standard detail "Pre-cast Type 1A Curb Inlet" dated Aug. 1979.
 6. All excess excavated material shall be stored on site at the direction of the owner. Under NO circumstances shall excavated material be placed within the "floodway".



PROJECT NO. 472-76-245-80843-000-000-001

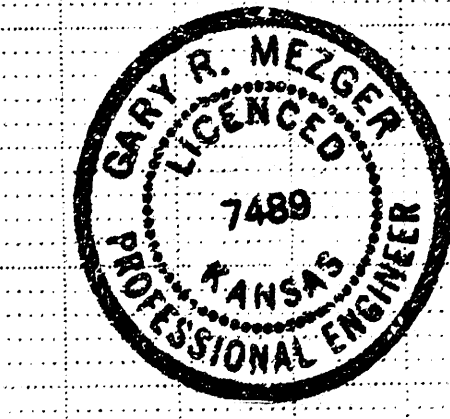
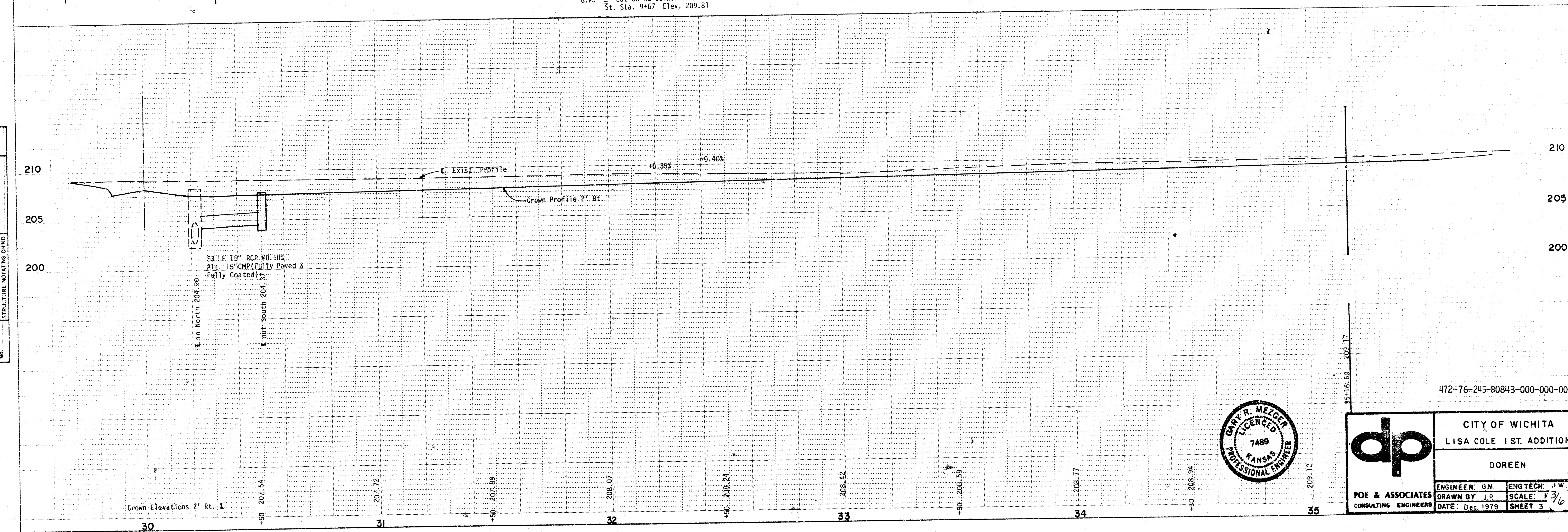
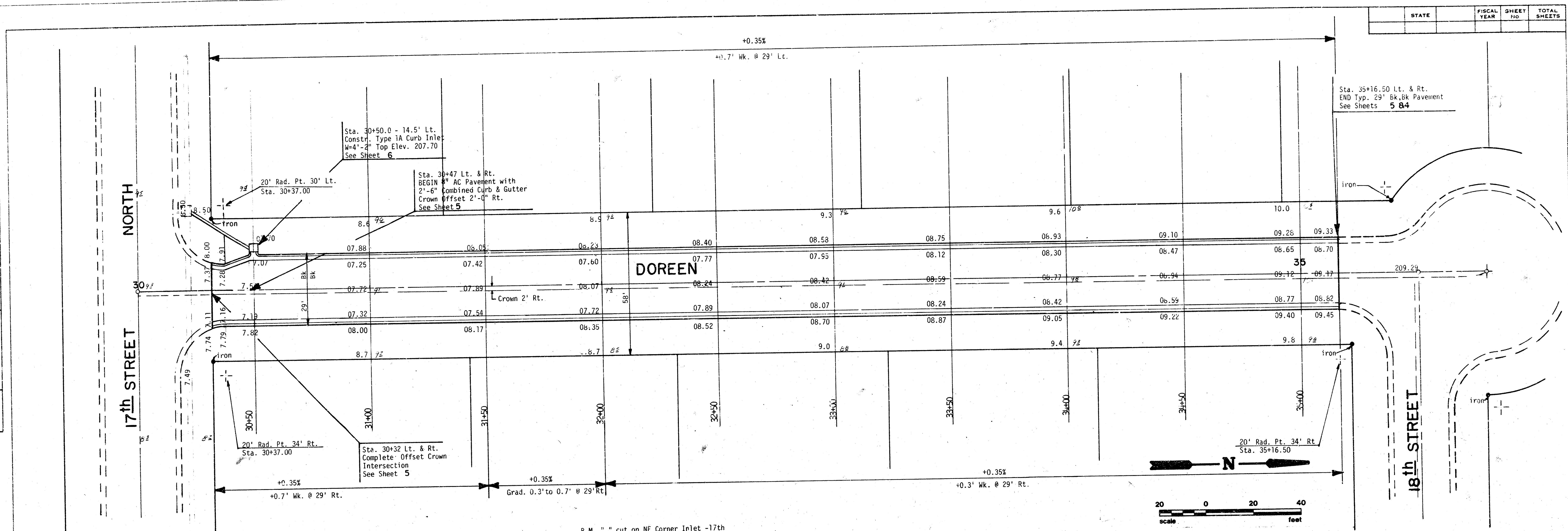


		CITY OF WICHITA	
		LISA COLE 1ST. ADDITION	
LAYOUT MAP			
ENGINEER: G.M.	CHECKED: P.W.		
DRAWN BY: J.P.	SCALE: 1/2" = 1'		
DATE: 07-1979	SHEET 2		

POE & ASSOCIATES
CONSULTING ENGINEERS

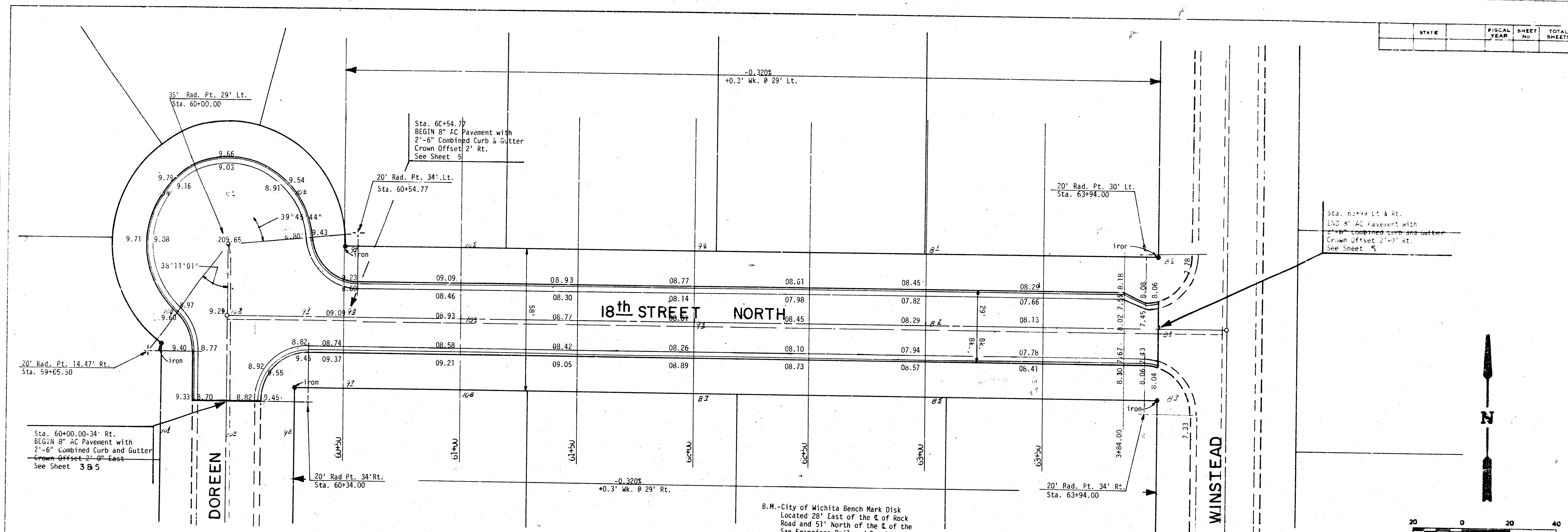
PLAN	SURVEYED	DATE
	BY	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	BY	
	NOTE BOOK	
	NO.	

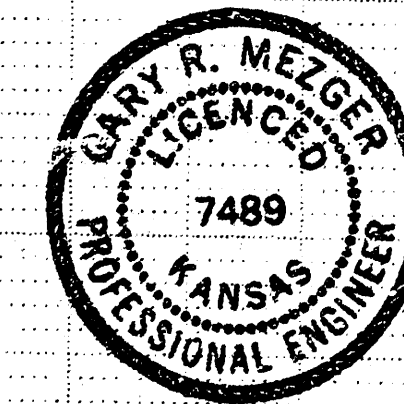
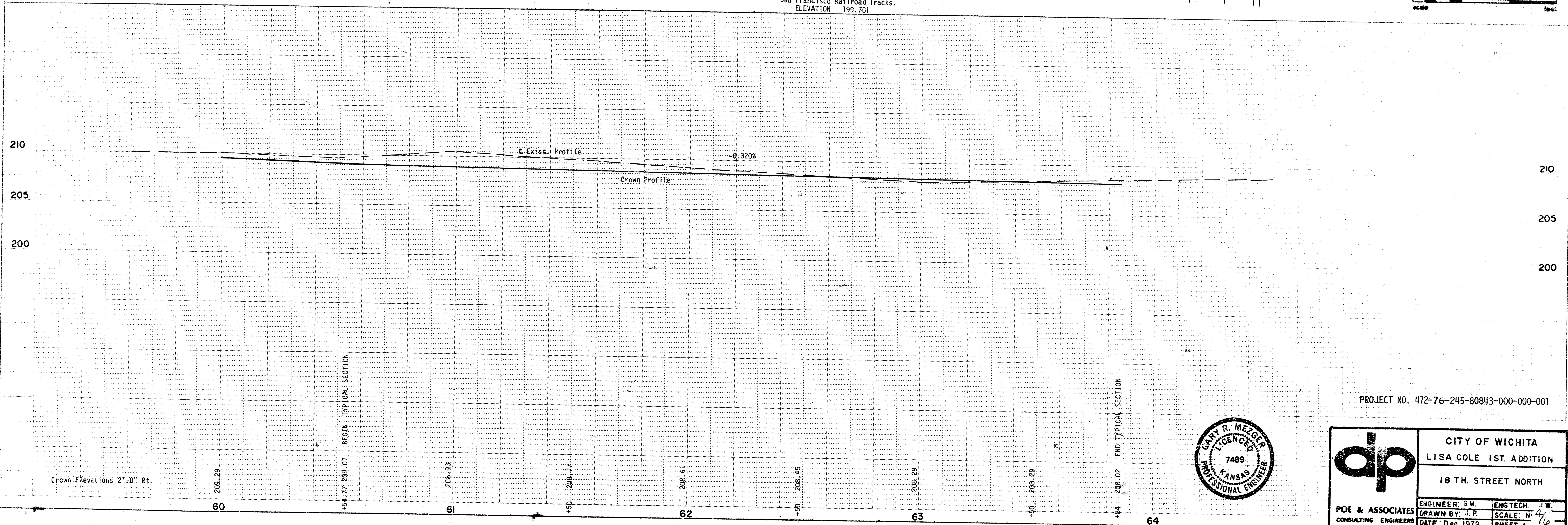


dp	CITY OF WICHITA	
	LISA COLE 1 ST. ADDITION	
	DOREEN	
	ENGINEER: G.M.	ENGTECH: J.W.
POE & ASSOCIATES	DRAWN BY: J.P.	SCALE: 1" = 30'
CONSULTING ENGINEERS	DATE: Dec 1979	SHEET 3

PLAN	DATE	
	BY	
NOTES	NO. 1	
	NO. 2	

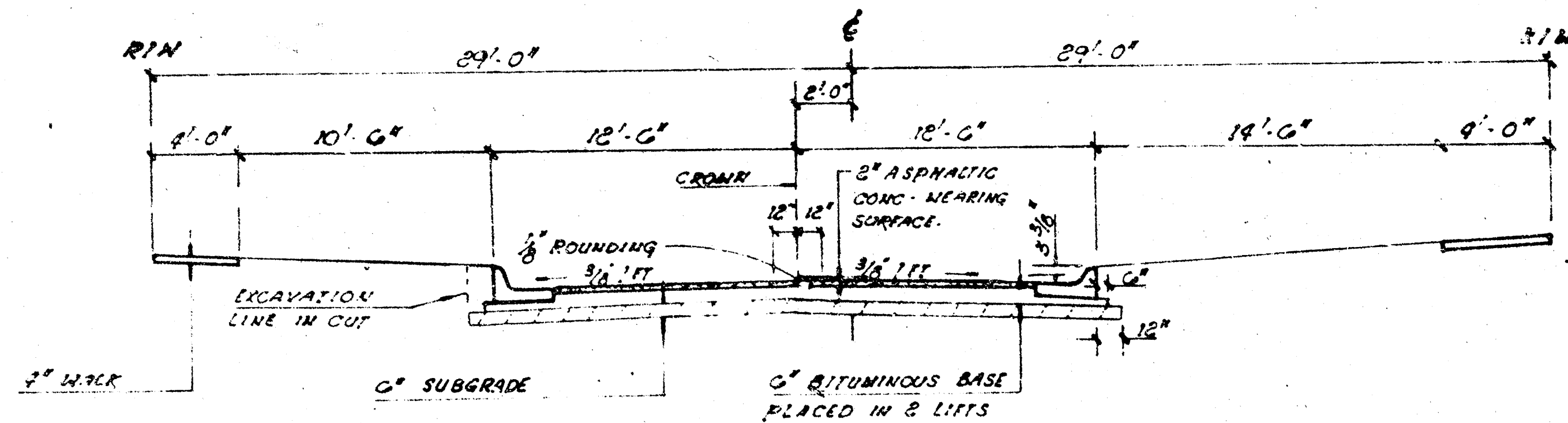


PROFILE	DATE	
	BY	
NOTES	NO. 1	
	NO. 2	

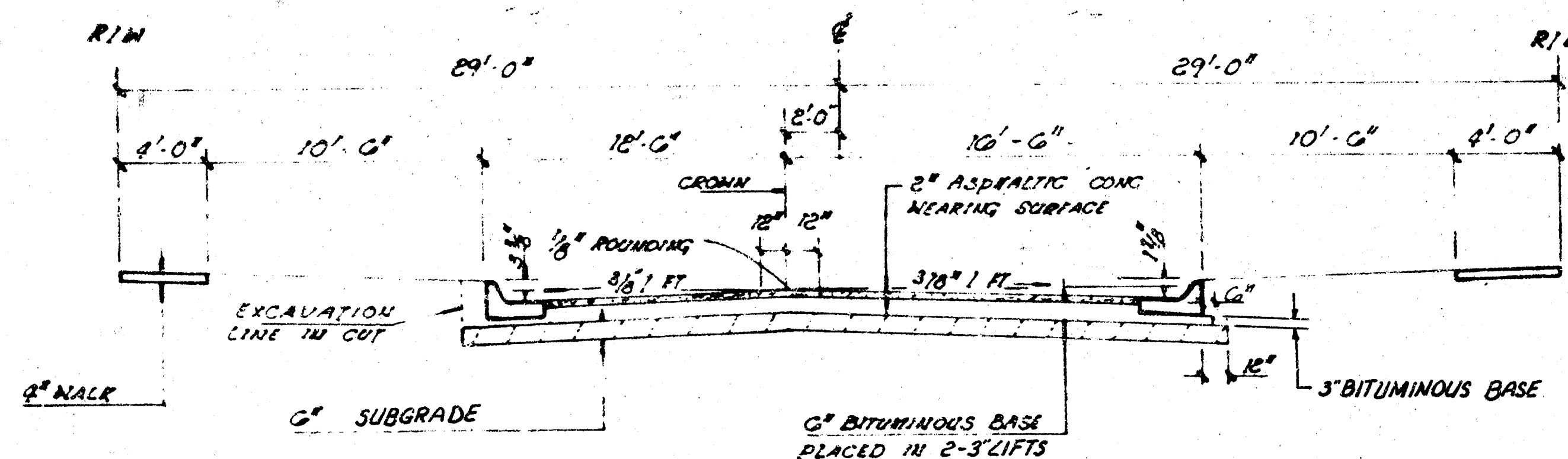


PROJECT NO. 472-76-245-80843-000-000-001

	CITY OF WICHITA	
	LISA COLE 1ST. ADDITION	
	18 TH. STREET NORTH	
ENGINEER: G.M.	ENG. TECH: J.W.	
DRAWN BY: J.P.	SCALE: N 4"	
DATE: Dec 1979	SHEET 4	



TYPICAL 25' B-B SECTION

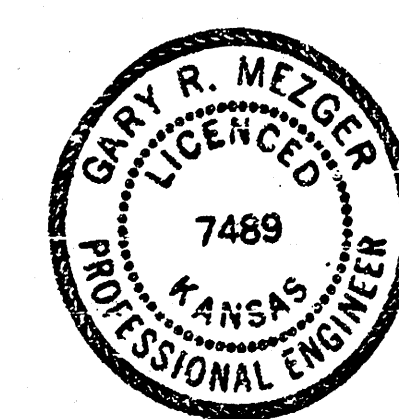
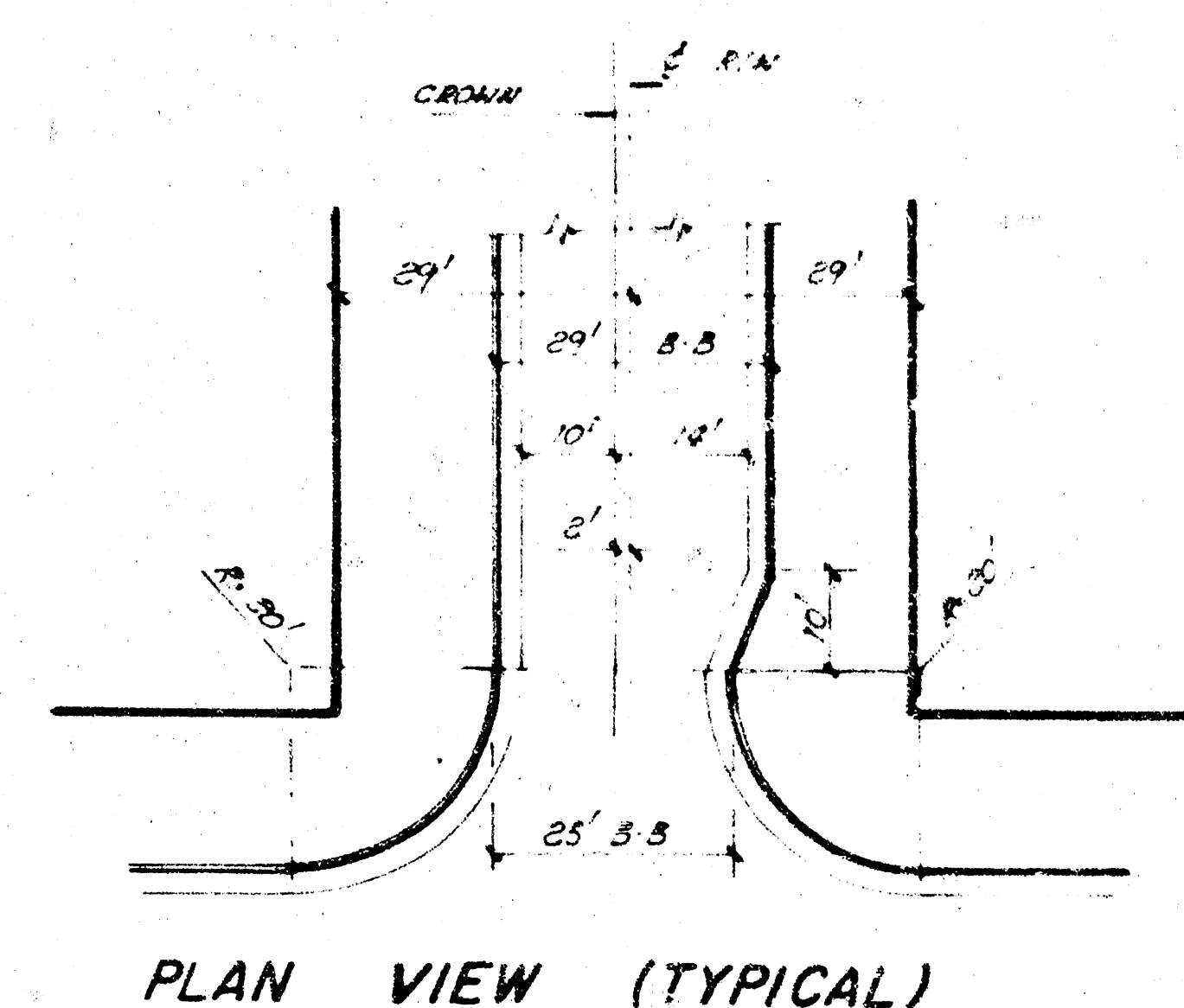
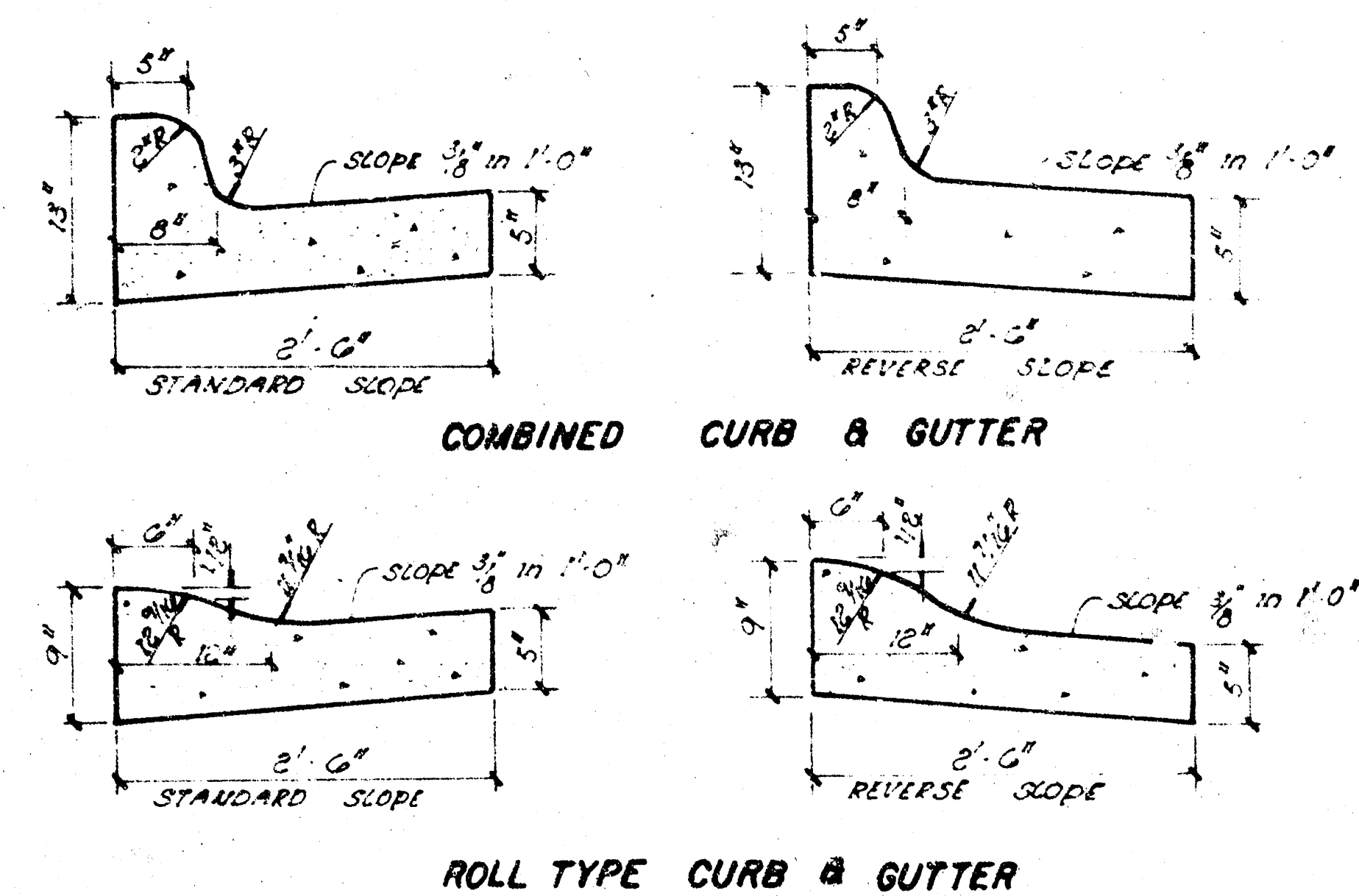


TYPICAL 29' B-B SECTION
W/ PARKING ON ONE SIDE

TYPICAL RESIDENTIAL SECTIONS FOR CROWN OFFSET - 58' R/W

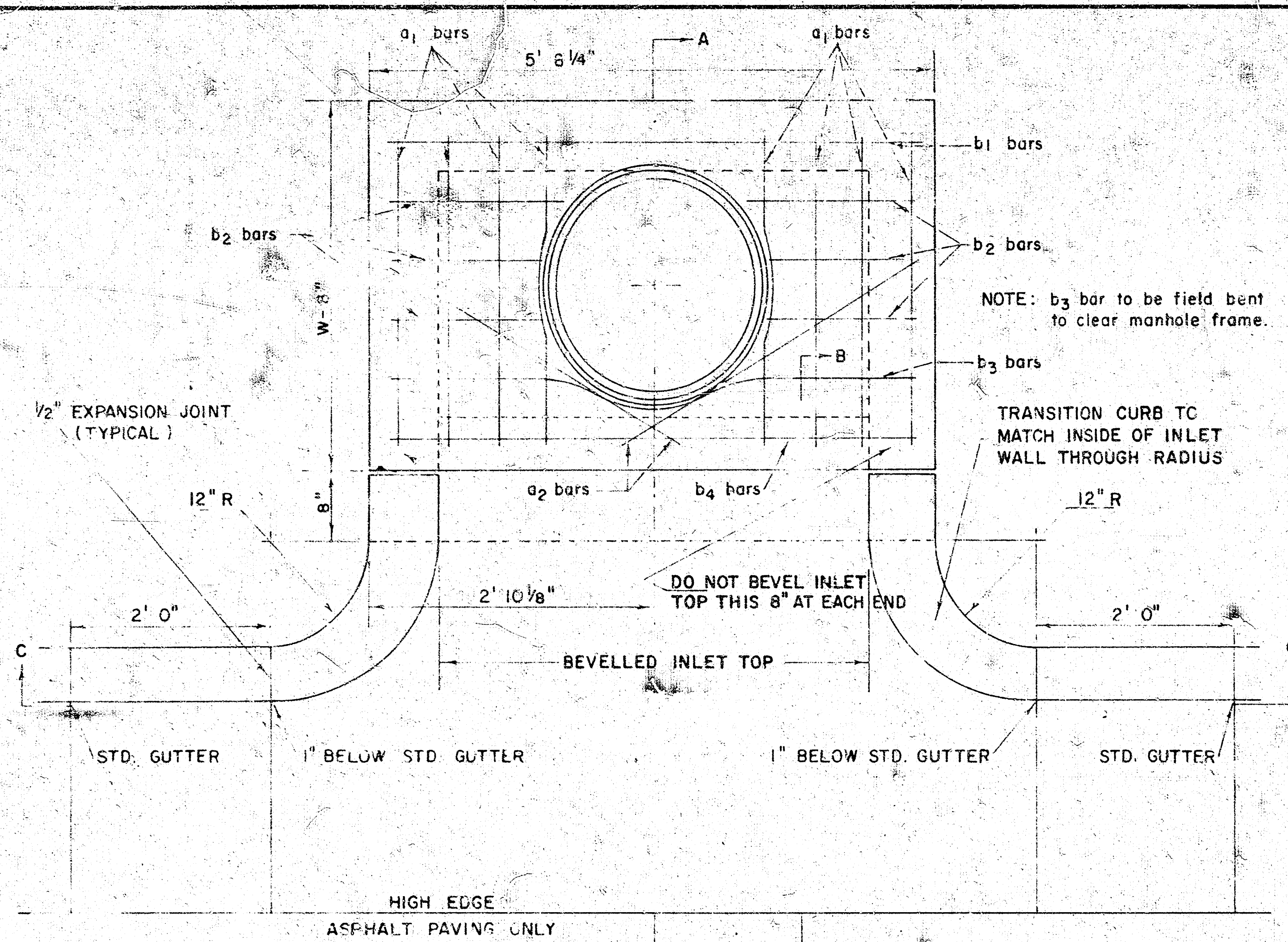
GENERAL NOTES

1. A TACK COAT OF EMULSIFIED ASPHALT (56 - 100) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQUARE YARD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WHEN NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.
2. THE A.C. PAVEMENT BETWEEN COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS 8" A.C. PAVEMENT (6" BITUMINOUS BASE). THE BITUMINOUS BASE UNDER THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS 3" BITUMINOUS BASE.
3. SIDEWALKS INDICATED ON THE TYPICAL SECTION ARE FOR LOCATION ON THAT SECTION. SIDEWALKS SHALL NOT BE CONSTRUCTED ON THIS PROJECT.
4. CONSTRUCTION JOINTS MAY BE CONSTRUCTED IN EXTERIOR CURB BY SAWING WITH AN APPROVED CONCRETE SAW, THE SAW FURROW EXTENDING THROUGH THE CURB TO THE MOVEMENT.
5. INTERIOR CURB SHALL BE TIED TO THE PAVEMENT BASE WITH SHORT DEFORMED DOWEL BARS SPACED AT 2' - 6" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN 1" OR MORE THAN 3/4" IN DIAMETER.
6. TRANSITION CURB SHALL BE PAID AS ROLL-TYPE CURB, CURB AND GUTTER.
7. TYPE OF SUBGRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. THE TYPE OF SUBGRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.



CITY OF WICHITA, KANSAS
DEPARTMENT OF PUBLIC WORKS - ENGINEERING
DEAN SELLERS ACTING CITY ENGINEER
DATE: _____ PROJ. No. _____

PROJECT NO. 472-76-245-80843-000-000-001



PLAN (SCALE 1" = 1' 0")

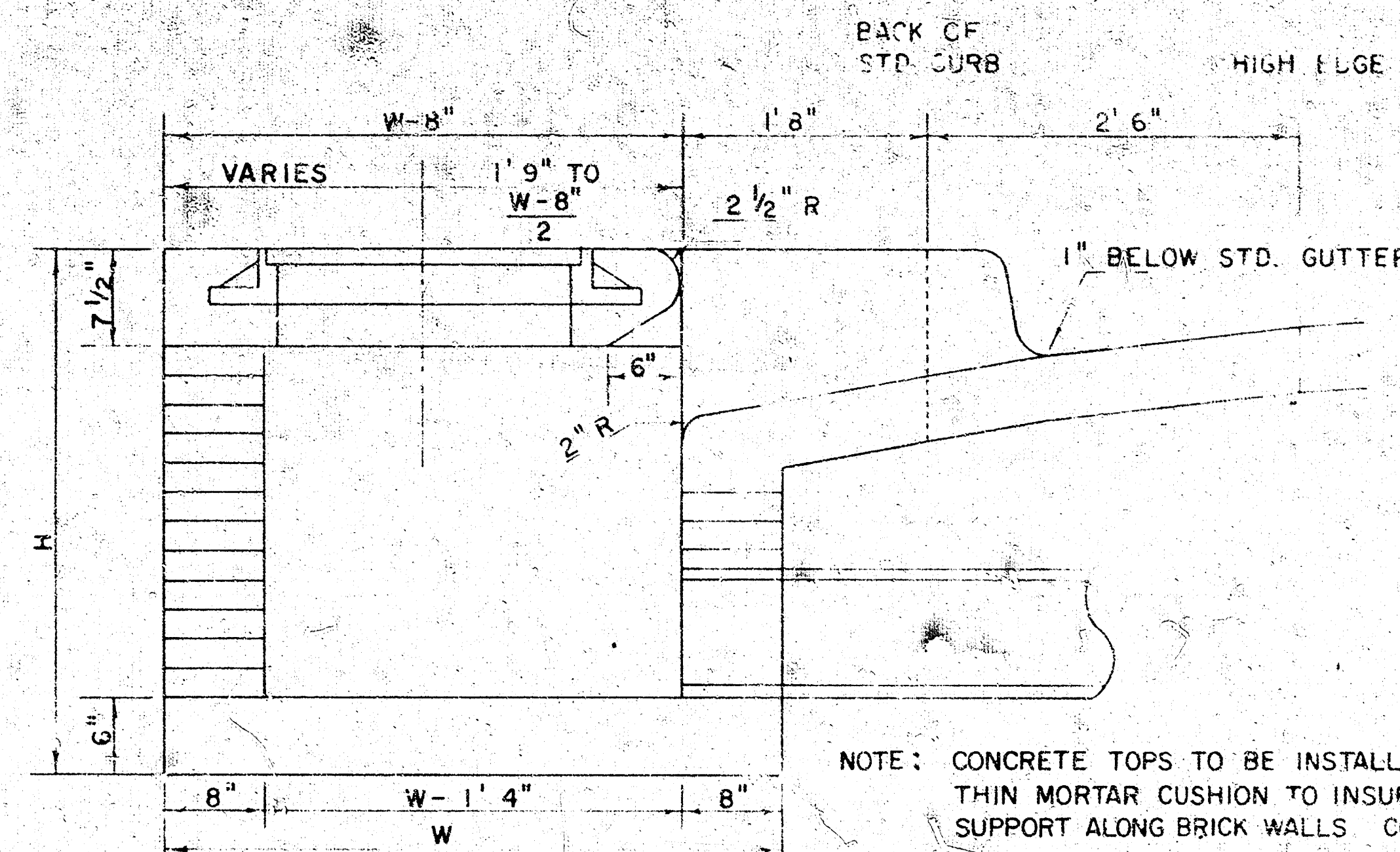
STEEL SCHEDULE									
BAR	a ₁	a ₂	a ₃	a ₄	a ₅	a ₆	a ₇	a ₈	WT. LBS.
NUMBER	8	2	1	3	5	7	9	6	1
SIZE	# 4	# 4	# 4	# 4	# 4	# 4	# 4	# 4	# 6
W=4'2"	6'5"	3'4"	5'5"	-	-	-	1'5"	5'6"	5'5"
W=5'0"	8'1"	4'4"	5'5"	-	-	-	1'5"	5'6"	5'5"
W=6'0"	10'1"	5'4"	5'5"	-	-	-	1'5"	5'6"	5'5"
W=7'0"	11'1"	6'4"	5'5"	-	5'5"	-	1'5"	5'6"	5'5"
W=8'0"	12'1"	7'4"	5'5"	-	5'5"	1'5"	5'6"	5'5"	124"

* NOTE: a₂ BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

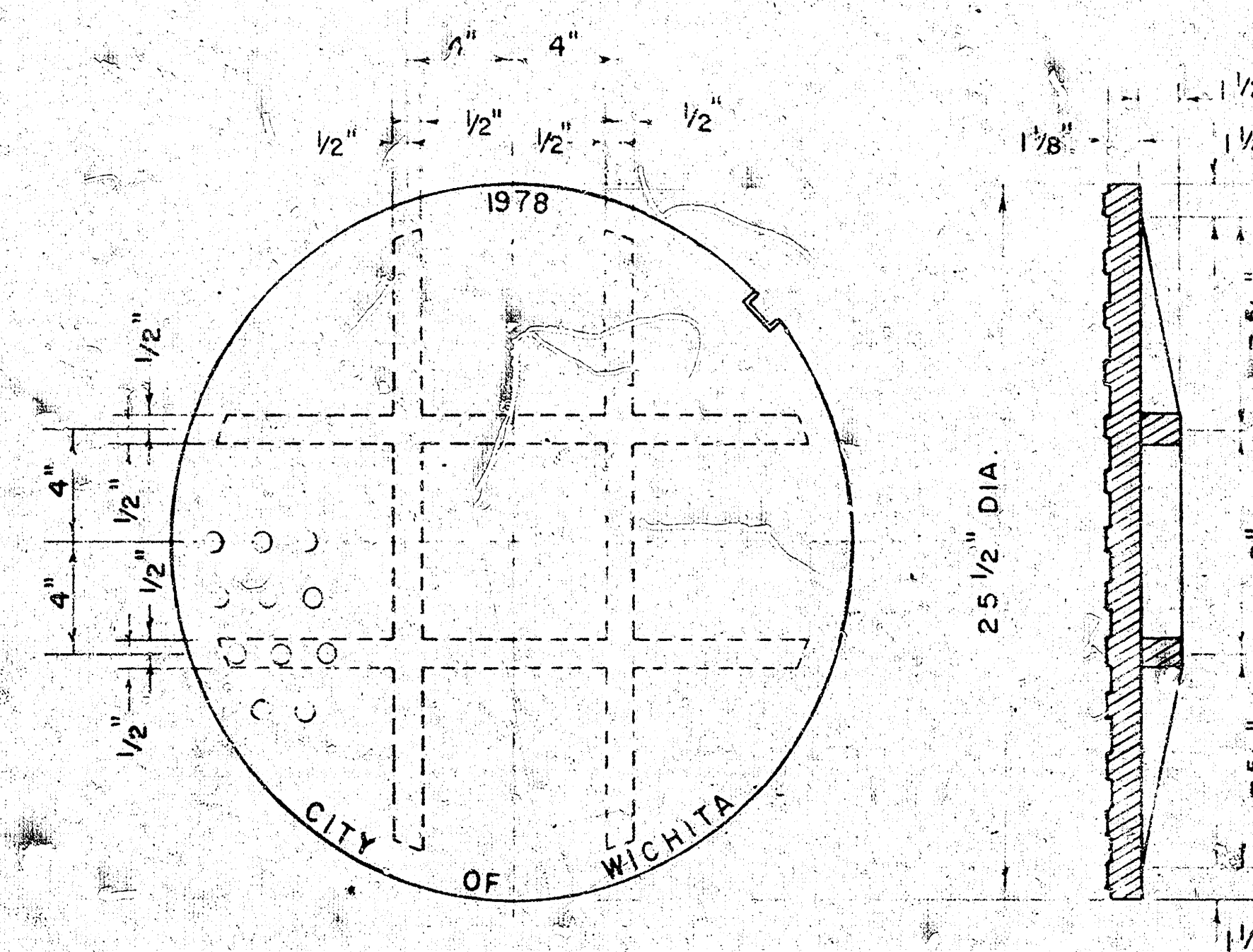
BENDING DIAGRAM

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 2"	36" x 5' 8 1/4" x 7 1/2"	21" & SMALLER	0.46 *
5' 0"	44" x 5' 8 1/4" x 7 1/2"	24" & 30"	0.57 *
6' 0"	54" x 5' 8 1/4" x 7 1/2"	36" & 42"	0.71 *
7' 0"	64" x 5' 8 1/4" x 7 1/2"	48" & 54"	0.84 *
8' 0"	74" x 5' 8 1/4" x 7 1/2"	60" & 66"	0.97 *

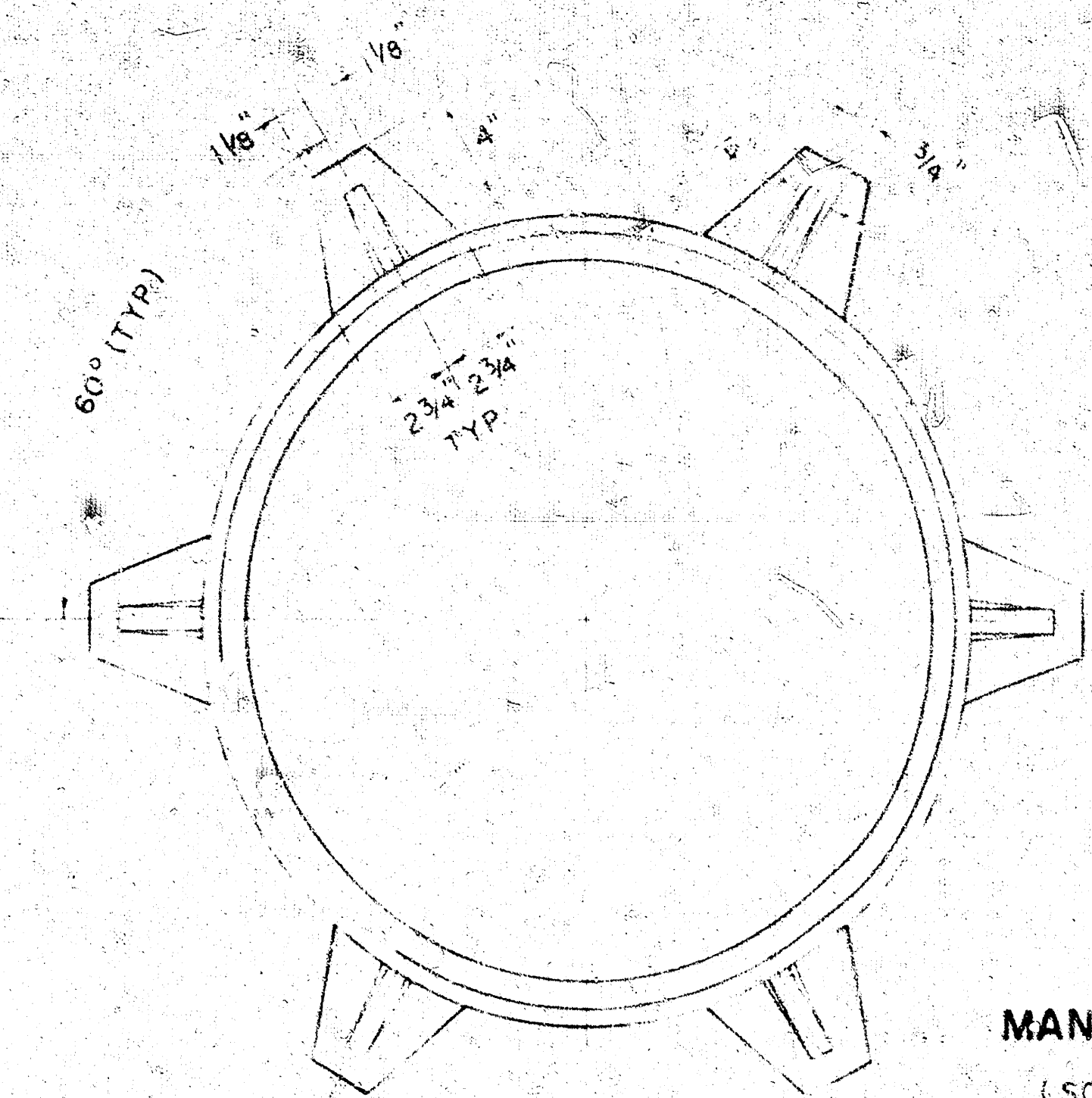
* GROSS VOLUME



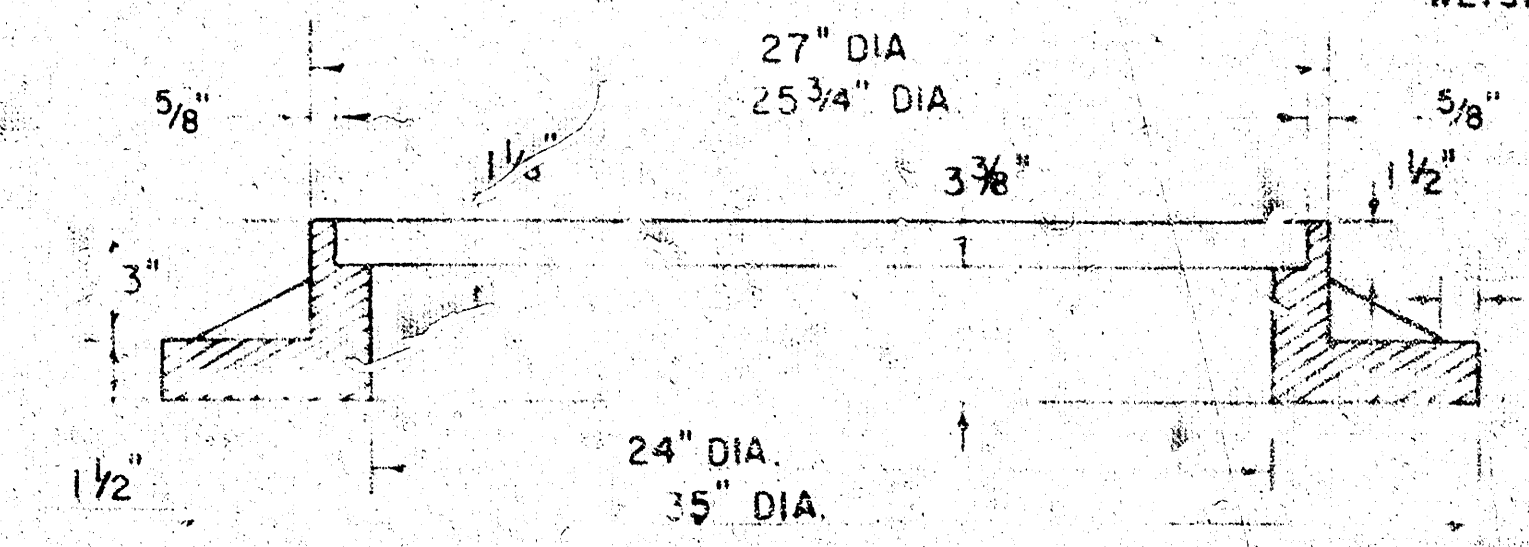
SECTION A-A (SCALE 1" = 1' 0")



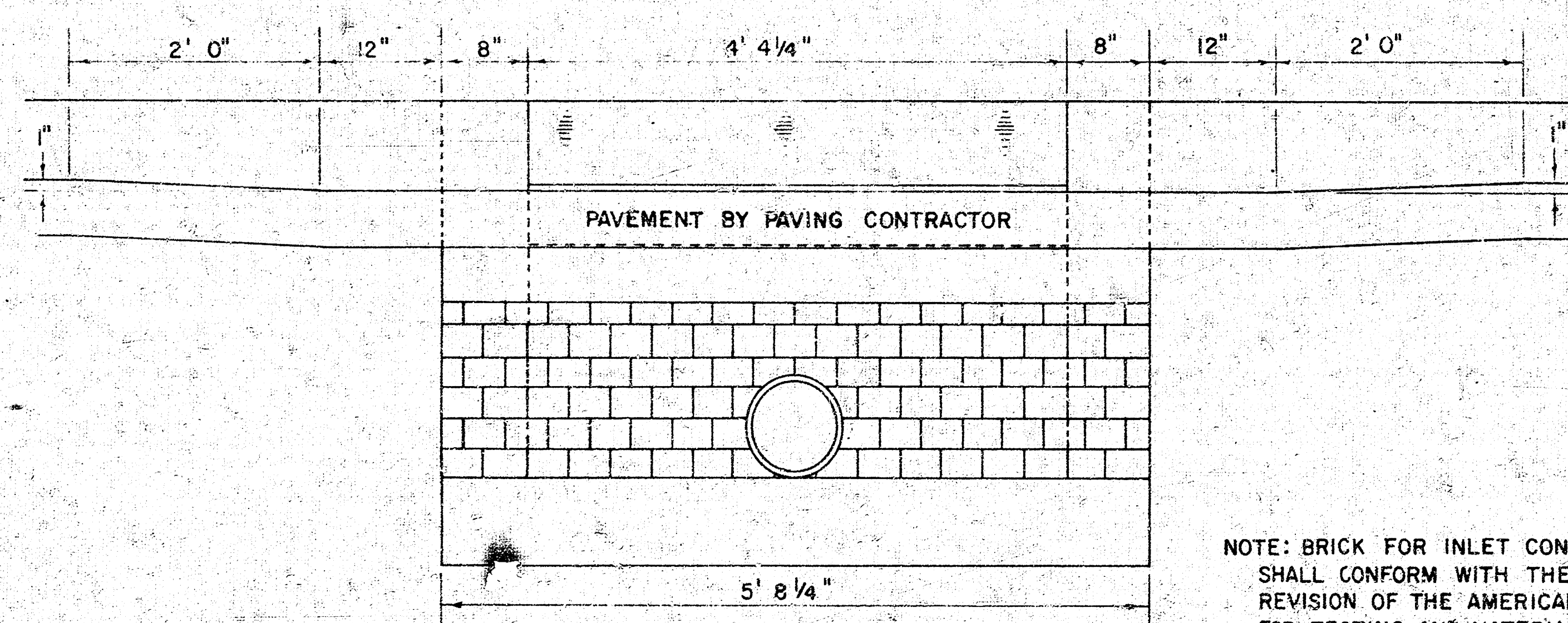
MANHOLE COVER (SCALE 1" = 6")
WEIGHT = 170 LBS.



MANHOLE FRAME (SCALE 1" = 6")
WEIGHT = 180 LBS.

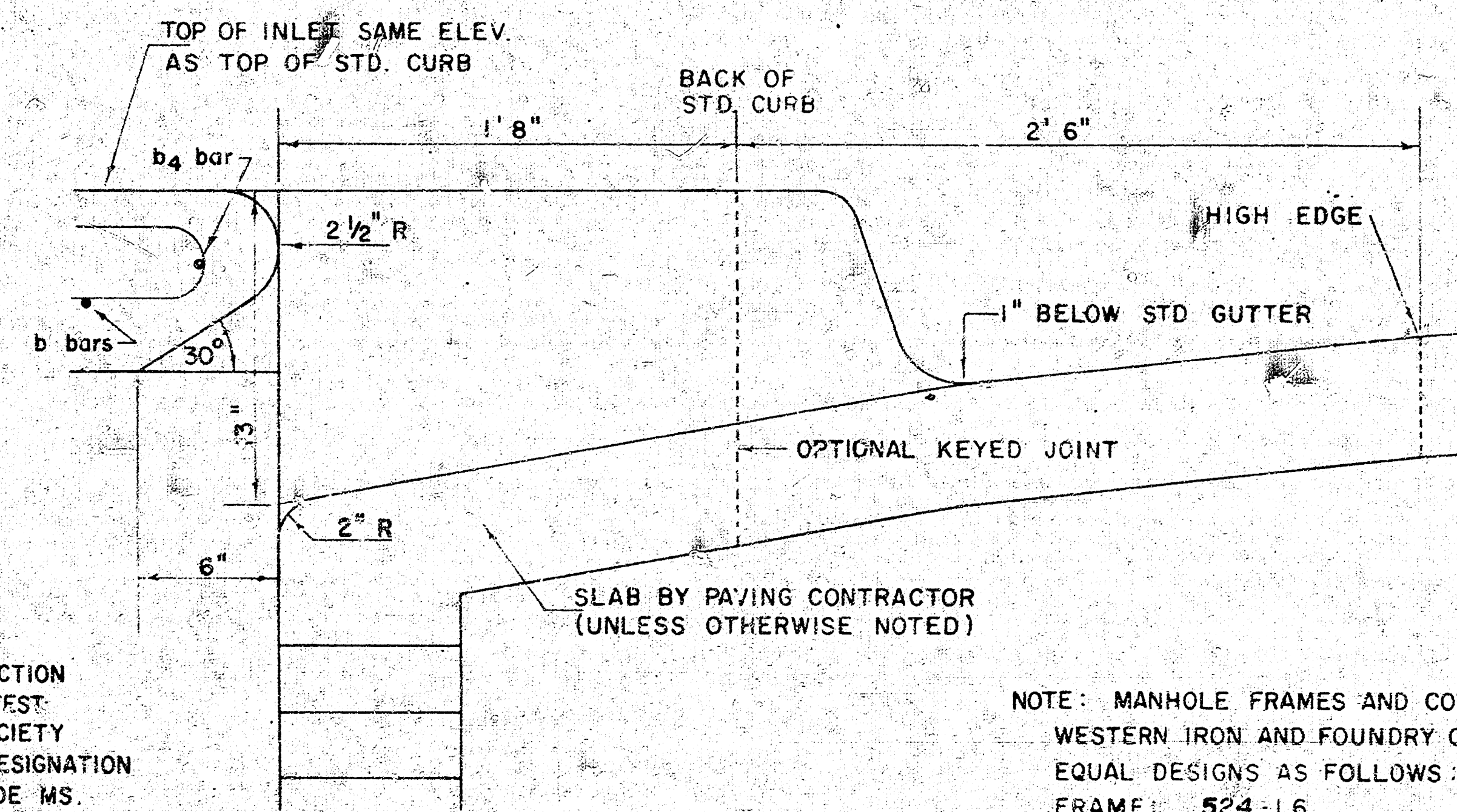


MANHOLE FRAME (ALTERNATE) (SCALE 1" = 6")
WEIGHT = 180 LBS.



SECTION C-C (SCALE 1" = 1' 0")

NOTE: BRICK FOR INLET CONSTRUCTION SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION C-32 FOR MANHOLE BRICK GRADE MS.



SECTION B-B (SCALE 1" = 6")

NOTE: MANHOLE FRAMES AND COVER ARE WESTERN IRON AND FOUNDRY CO. INC. OR EQUAL DESIGNS AS FOLLOWS:
FRAME: 524-L6
FRAME (ALTERNATE): 500-A4
COVER: 222-S4 "NOBBY"

PROJECT NO. 472-76-245-80843-000-000-001

DETAIL STANDARD TYPE 1A CURB INLET

CITY OF WICHITA, KANSAS

DEAN SELLERS - ACTING CITY ENGINEER

OCTOBER 1978

6 of 7

B

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