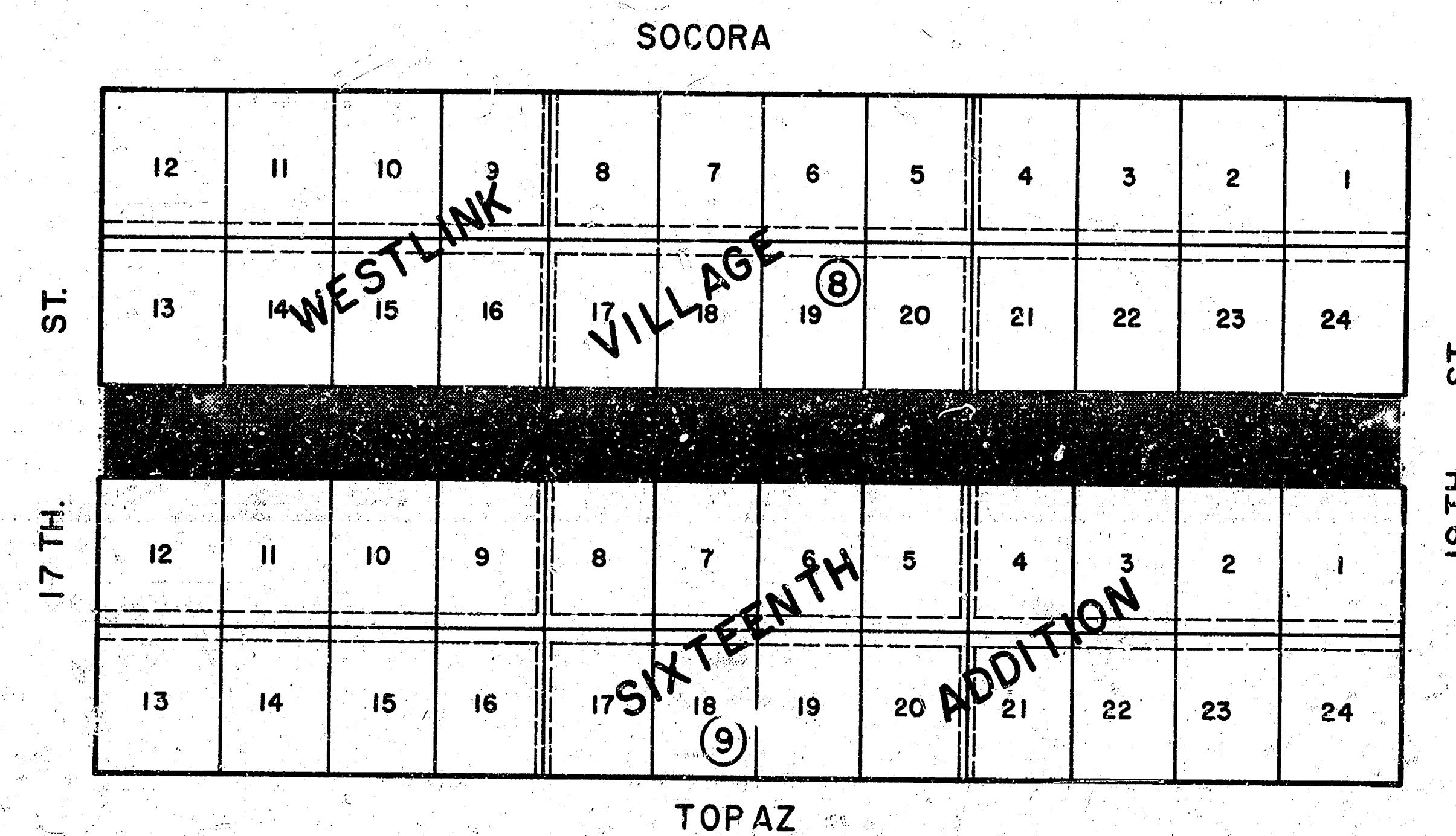


PAVING OF FLOYD STREET FROM N.L. 17TH. ST. TO S.L. 19TH. ST.



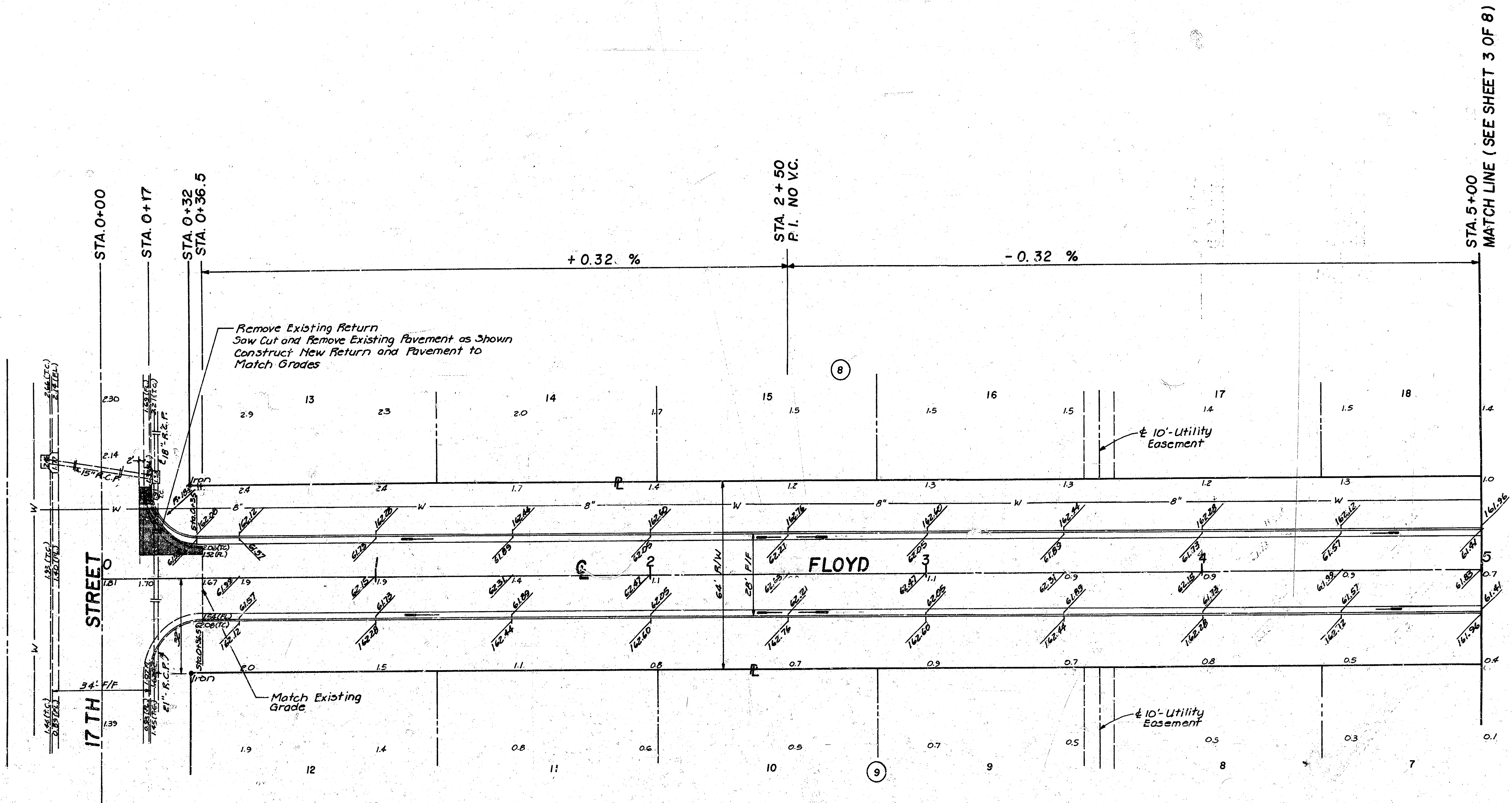
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STORM SEWER PLAN/PROFILE	4
EARTHWORK CROSS- SECTIONS	5-6
STANDARD DETAILS	7-8

CITY OF WICHITA, KS.
MIKE E. LINDEBAK ——— CITY ENGINEER



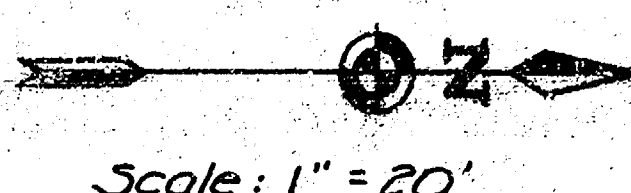
MUNICIPAL ENGINEERS
Civil Engineers & Land Surveyors
224 Locust, Suite 201
Wichita, Kansas 67211

PAVING OF FLOYD ST.			
FROM N.L. 17TH. ST. TO S.L. 19TH. ST.			
SCALE: 1" = 100'	APPROVED BY: B.M.K.	DRAWN BY: K.P.	REVISED:
DATE: 8-29-84			
CITY OF WICHITA			
PROJECT NO. 472-76-245-80741000-000-001			
TITLE SHEET			DRAWING NUMBER
			1/8



GENERAL NOTES:

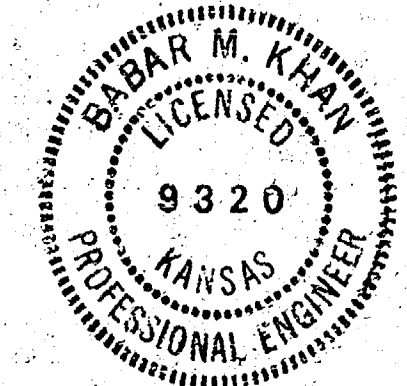
1. BENCH MARKS:
 - a. CHISELED 'B' ON TOP OF S. CURB OF 17TH STREET AT INTERSECTION OF FLOYD STREET. ELEV. = 161.98
 - b. E.R. SPIKE, E. FACE, P.P. AT S.W. COR., TILLY & 19TH ELEV. = 171.43
 - c. CITY STD., 31' S., 36' E. OF 1/4 SEC. COR., TILLY & 19TH ELEV. = 172.48
2. CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.
3. THE CONTRACTOR SHALL CONTACT EARL BAYLER 722-4449 TO VERIFY THE DRIVEWAY LOCATIONS AND WIDTH TO BE CONSTRUCTED ON THIS PROJECT.
4. CONTRACTOR SHALL USE CAUTION WHEN WORKING THE SUBGRADE AROUND AND OVER STORM SEWER PIPE IN ORDER TO NOT DAMAGE THE PIPE.



EARTHWORK

1. EXCAVATION	= 818 C.Y.
+ 10 %	= 82 C.Y.
TOTAL	= 900 C.Y.
2. COMPACTED FILL (90 %)	= 150 C.Y.
3. UNCOMPACTED FILL	= 100 C.Y.
4. LOOSE FILL	= 1,280 C.Y.
5. BORROW	= 1,131 C.Y.
6. COMPACTED FILL (95%)	547 C.Y.

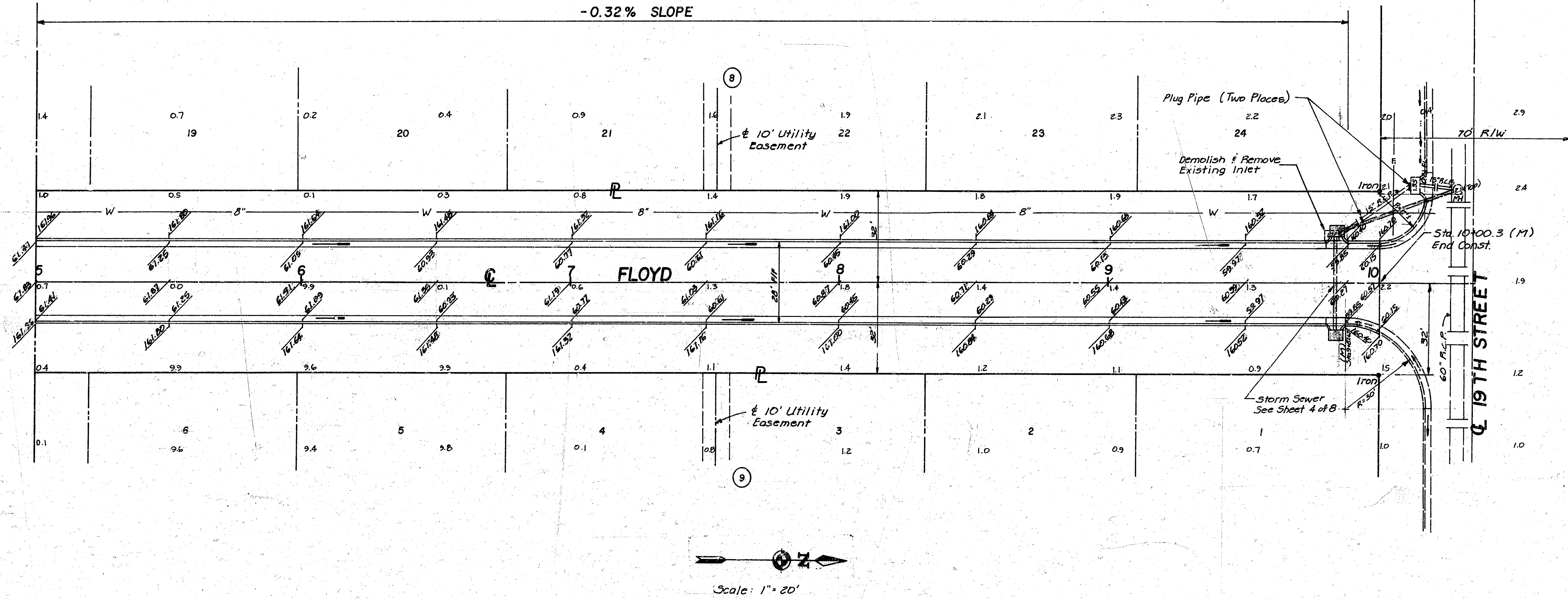
NOTE:
NO MORE THAN 6 DRIVEWAYS OF AVERAGE WIDTH OF 18 FEET WILL BE CONSTRUCTED WITH THIS PROJECT.



MUNICIPAL ENGINEERS
Civil Engineers & Land Surveyors
284 Laura, Suite 201
Wichita, Kansas 67211

FROM NL 17TH ST. TO SL 19TH ST.	
SCALE: 1" = 20'	APPROVED BY: E.M.K.
DATE: 8-29-84	DRAWN BY: K.P.
CITY OF WICHITA	
PROJECT NO. 472-76-245-80741000-000-001	
PLAN	
DRAWING NUMBER: 2/8	

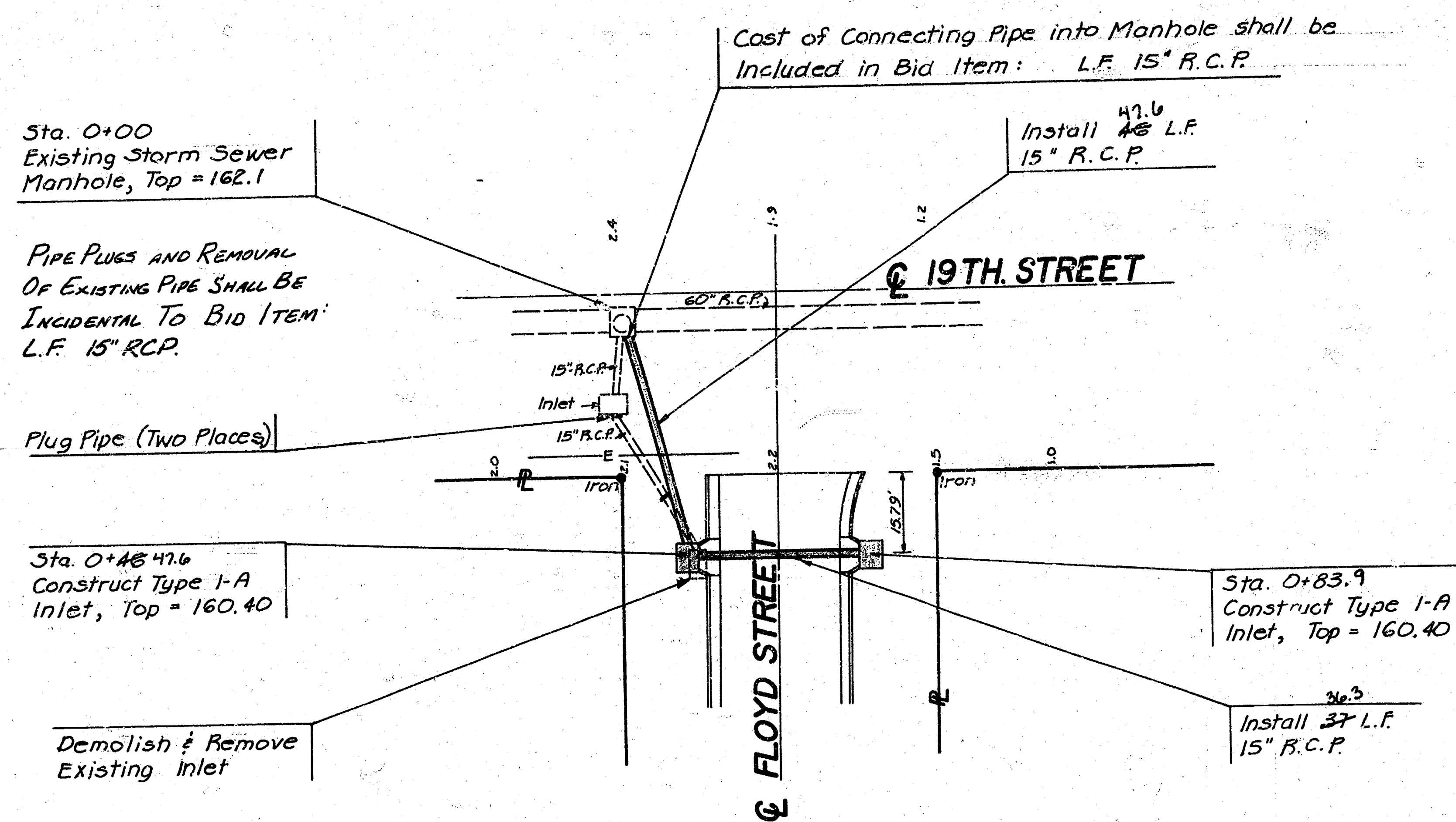
MATCH LINE (SEE SHEET 2 OF 8)



MUNICIPAL ENGINEERS
Civil Engineers & Land Surveyors
201 Laura, Suite 201
Wichita, Kansas 67211

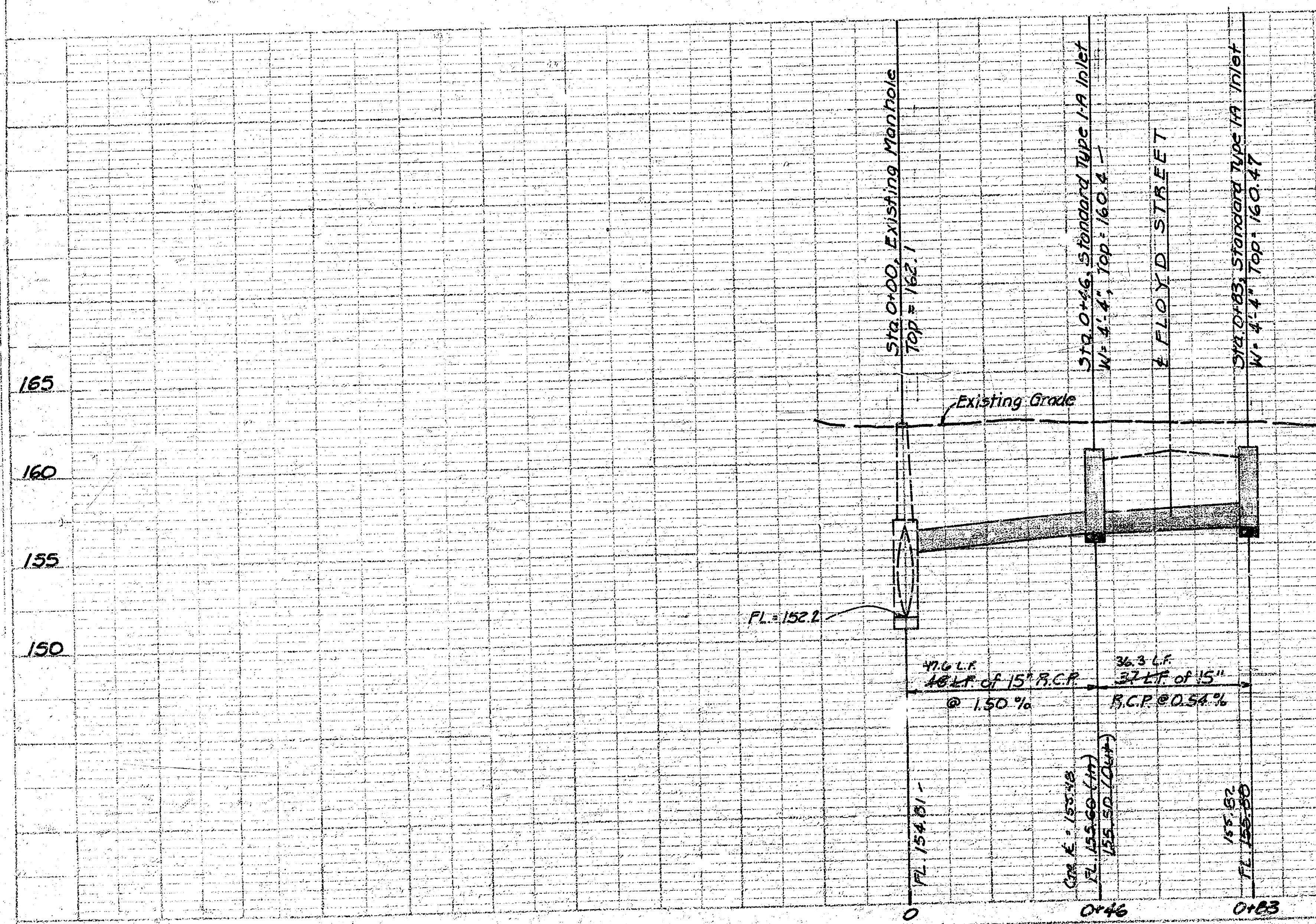
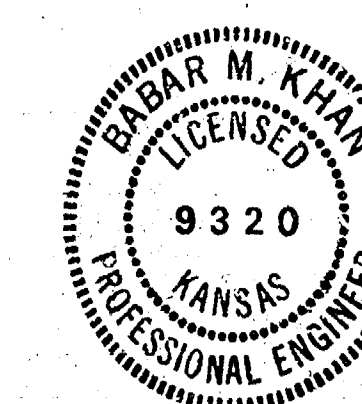
FROM N.L. 17TH ST. TO S.L. 19TH ST.			
SCALE: 1" = 20'		APPROVED BY: B. M. K.	
DATE: 8-29-84		DRAWN BY: K. P.	
		REVISED	
CITY OF WICHITA			
PROJECT NO. 472-76-245-8074-1000-000-001			
PLAN		DRAWING NUMBER 3/8	

FILMED FROM THE BEST AVAILABLE COPY...

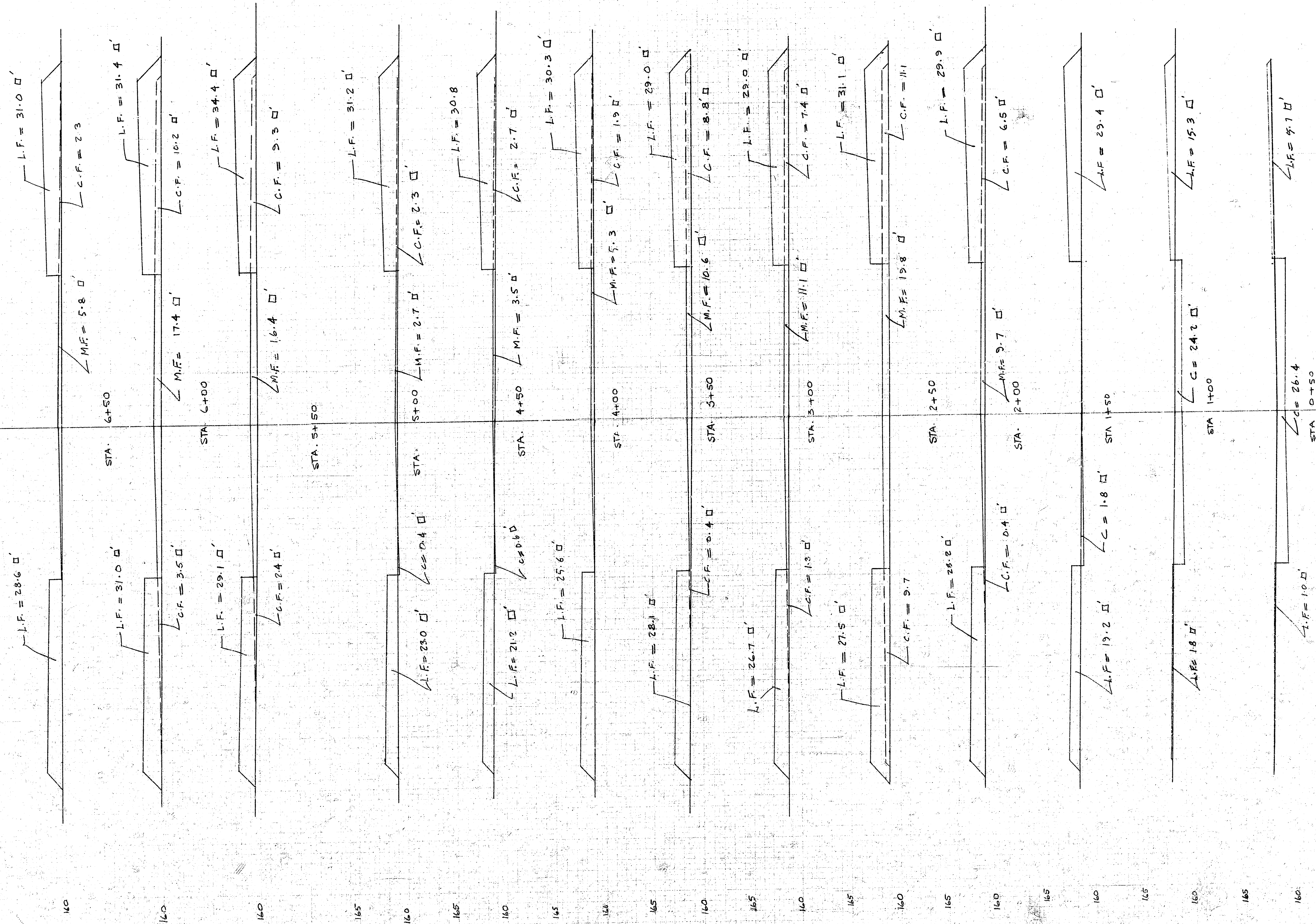


Scale: 1" = 20'

As BUILT
McGreene
12/84



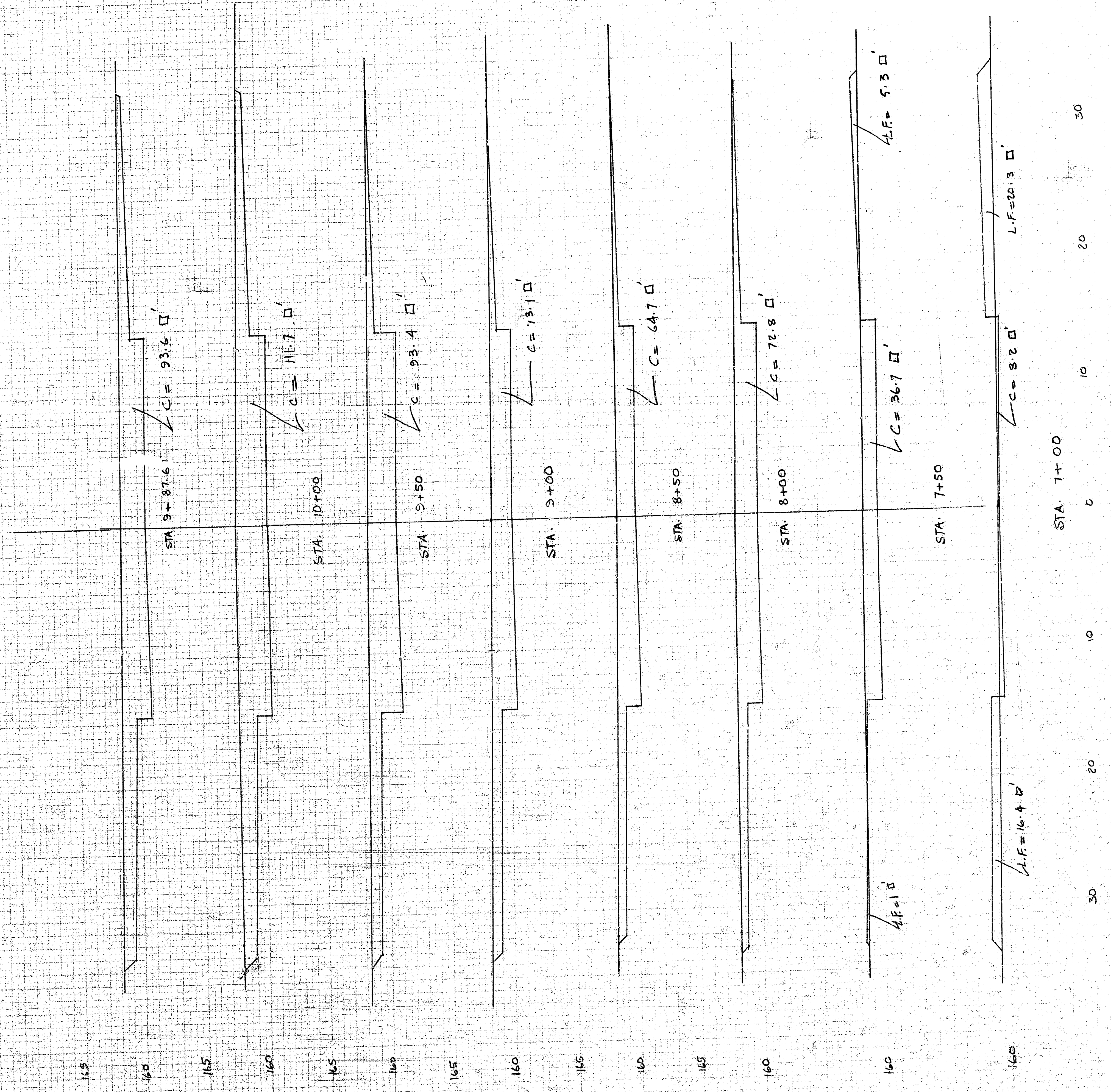
C.F. = COMPACTED FILL
L.F. = LOOSE FILL
M.F. = MANIPULATED FILL
C = EXCAVATION



EARTHWORK CROSS-SECTIONS, PAVING OF FLOYD STREET

CITY OF WICHITA, PROJECT NO. 472-76-245-80741000-000-001

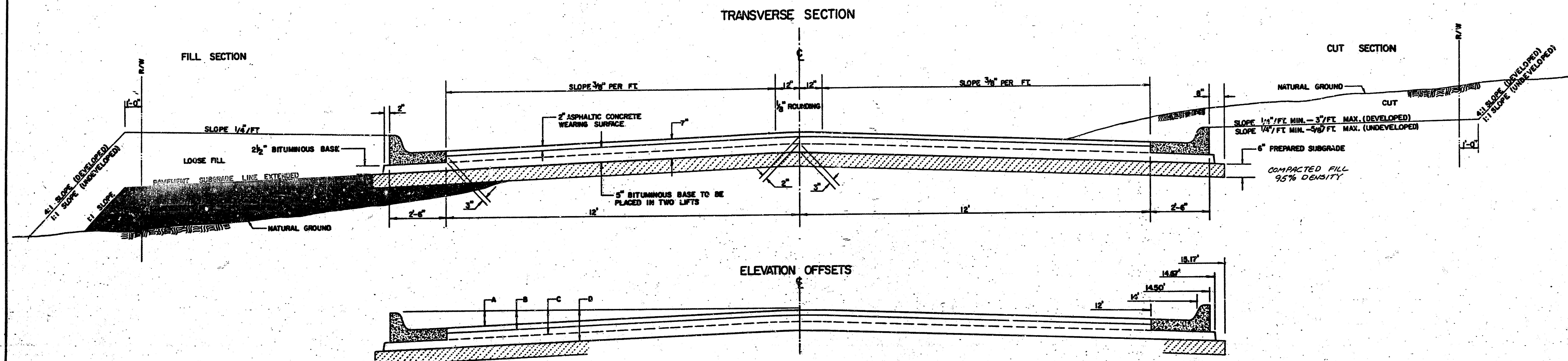
L.F. = L.F.
C = EXCAVATION



EARTHWORK CROSS-SECTIONS, PAVING OF FLOYD STREET

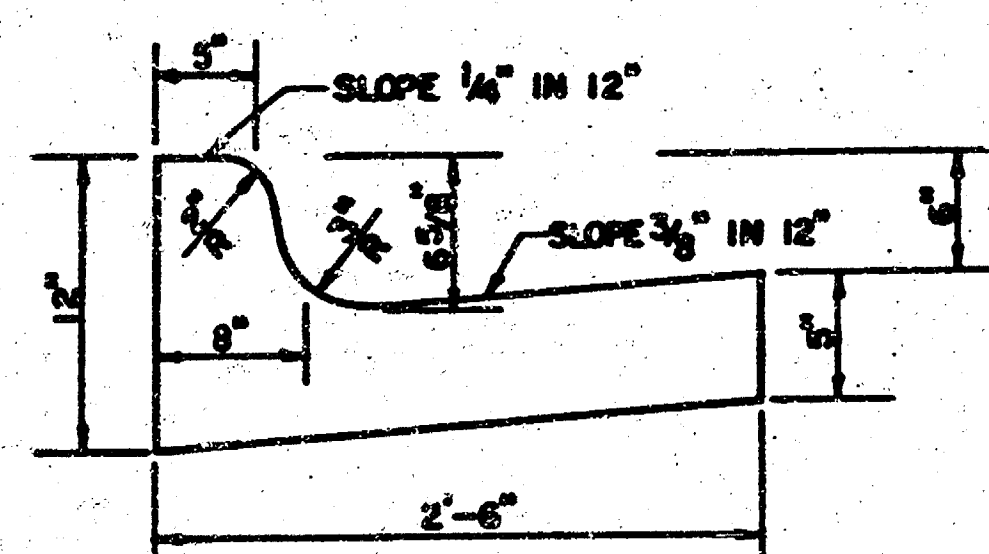
CITY OF WICHITA, PROJECT NO. 472-76-245-80741000-000-001

TYPICAL 29' PAVEMENT DETAILS

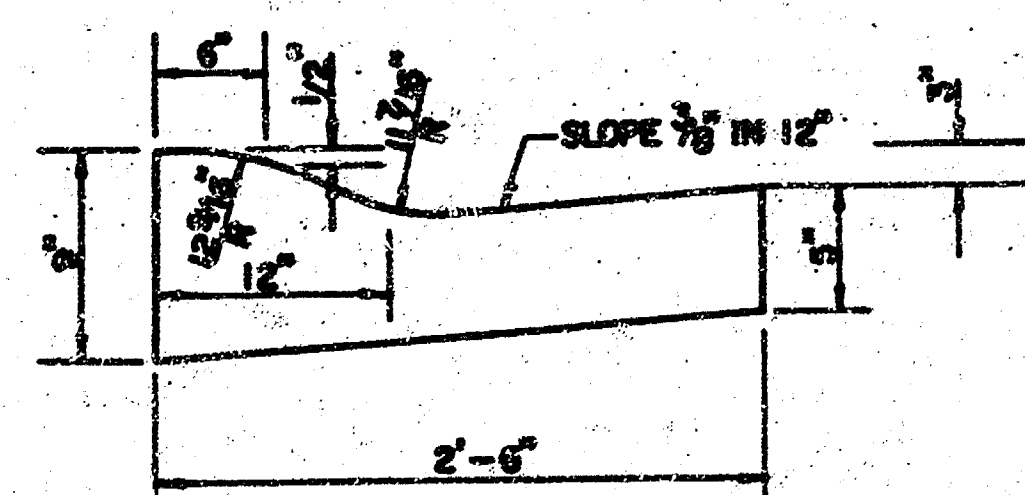


	DISTANCE FROM CENTERLINE (LX. & RT.)											
	0'	2'	4'	6'	8'	10'	12'	14'	14.5'	14.67'	15.17'	
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.47	0.52	0.60	0.68	0.71	0.75	0.83	0.90	0.98	1.00	1.01	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.72	0.77	0.84	0.91	0.94	0.99	1.05	1.12	1.19	1.21	1.21	1.23

COMBINED CURB & GUTTER



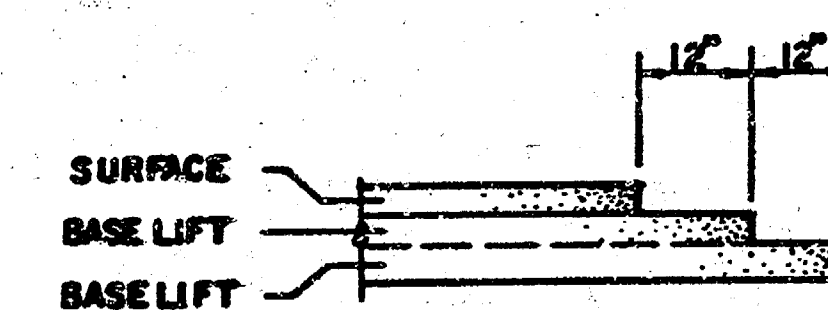
ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

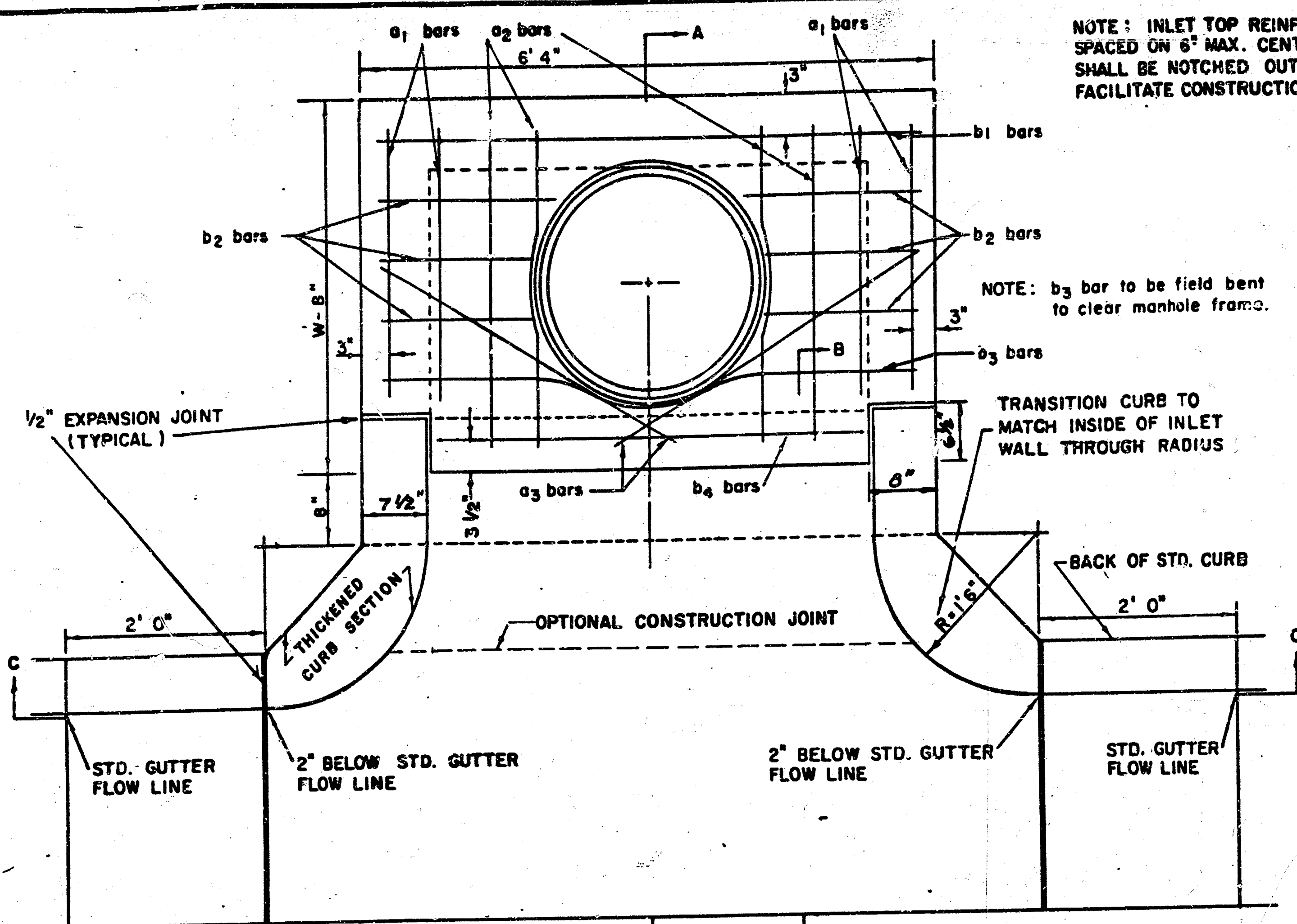
- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (2" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.03 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

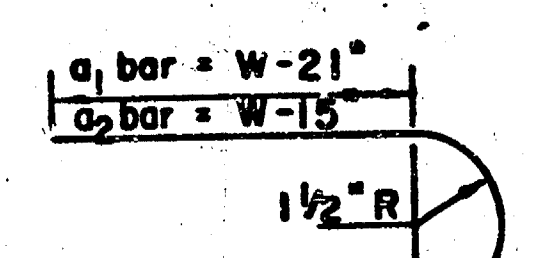
7 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
472-76-245-80741000-000-001



NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.

NOTE: b3 bar to be field bent to clear manhole frame.

TRANSITION CURB TO MATCH INSIDE OF INLET WALL THROUGH RADIUS



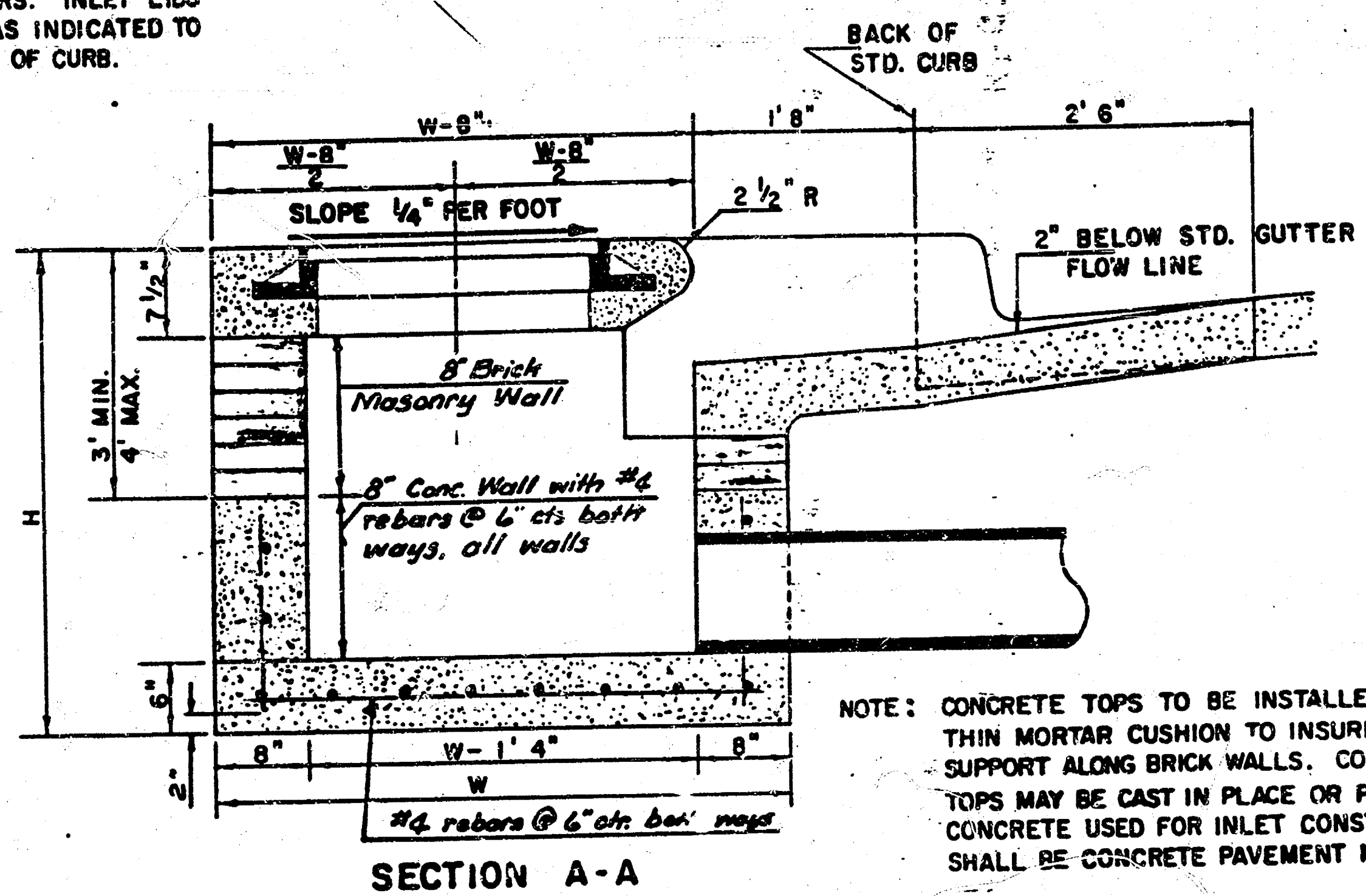
STEEL SCHEDULE

BAR	a1	a2	a3	b1	b2	b3	b4	WT. LBS.
NUMBER	4	4	2	1	3	5	7	
SIZE	"4	"4	"4	"4	"4	"4	"4	"6
W-4'4"	5'7"	6'7"	4'0"	6'1"	-	-	-	60±
W-5'4"	7'7"	8'7"	5'0"	-	6'1"	-	-	81±
W-6'4"	9'7"	10'7"	6'0"	-	-	6'1"	-	101±
W-7'4"	11'7"	12'7"	7'0"	-	-	-	6'1"	121±
W-8'4"	13'7"	14'7"	8'0"	-	-	-	-	141±

NOTE: a3 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

STANDARD CURB INLET PRECAST TOPS

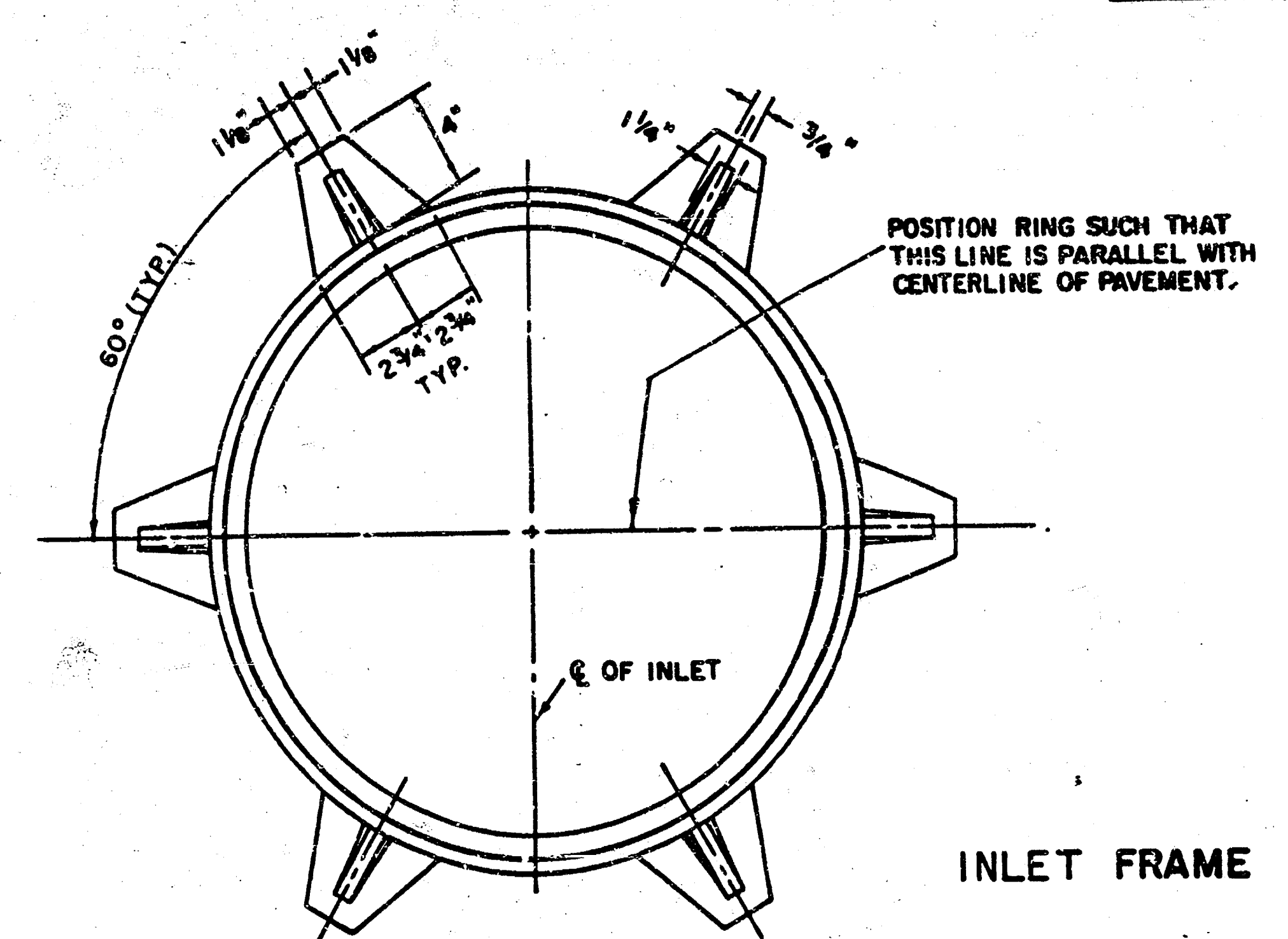
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 4"	3' 8" x 6' 4" x 7 1/2"	21" Ø SMALLER	0.38 ±
5' 4"	4' 8" x 6' 4" x 7 1/2"	24" Ø 30"	0.51 ±
6' 4"	5' 8" x 6' 4" x 7 1/2"	36" Ø 42"	0.64 ±
7' 4"	6' 8" x 6' 4" x 7 1/2"	48" Ø 54"	0.77 ±
8' 4"	7' 8" x 6' 4" x 7 1/2"	60" Ø 66"	0.90 ±



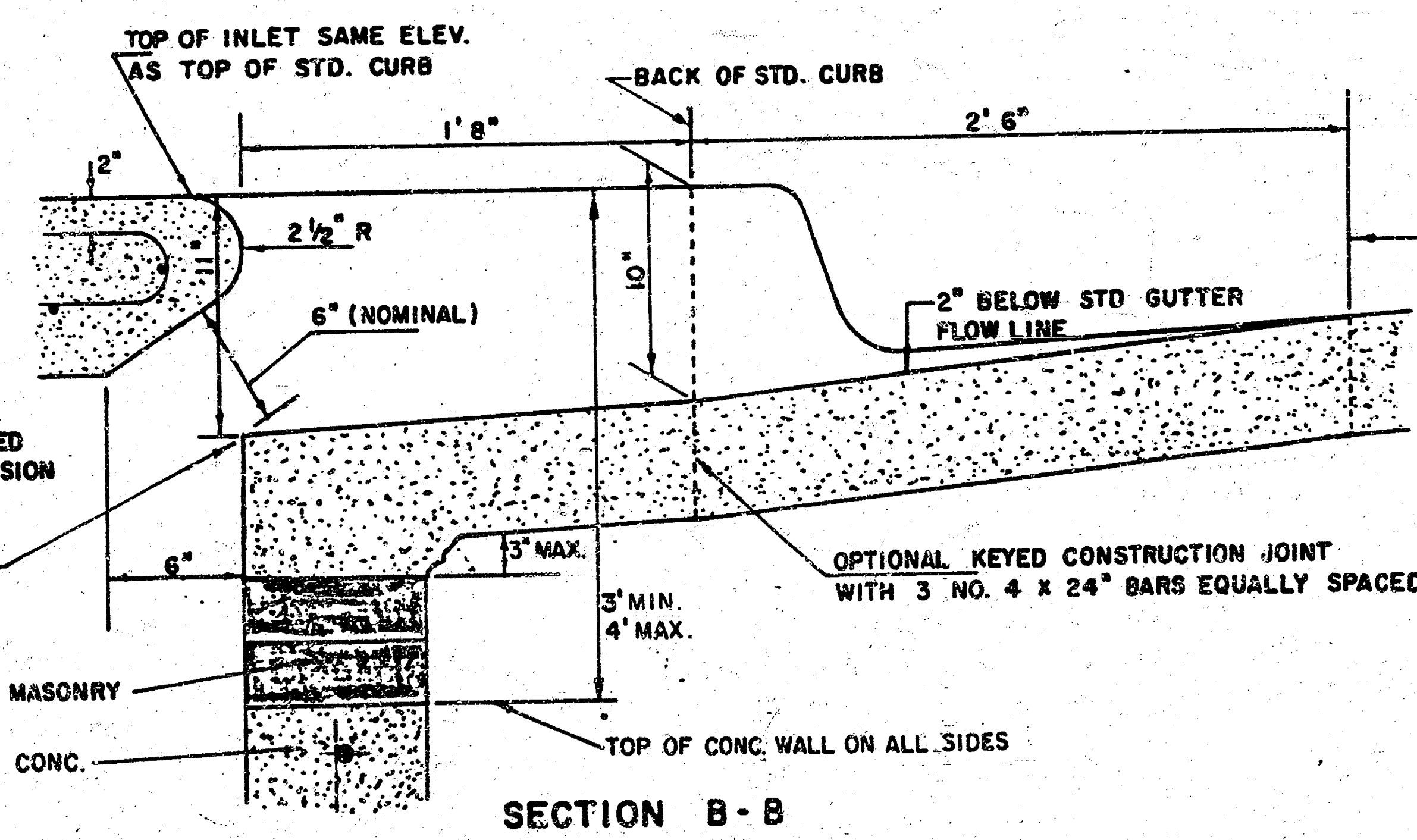
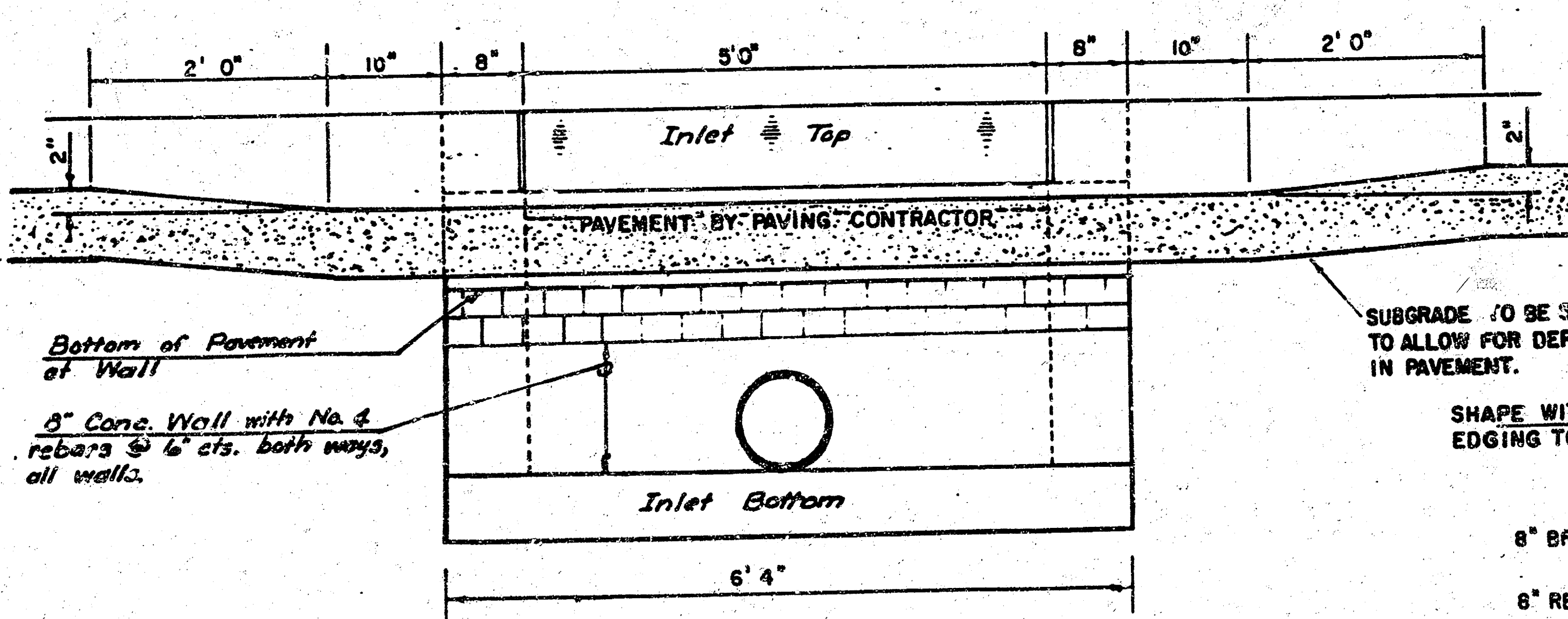
NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W = 4'4" AND N = 6'6" OR LESS.

ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CORRECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOOKUP.

INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.



SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.



DETAIL STANDARD TYPE IA CURB INLET
CITY OF WICHITA, KANSAS
INLET OPENING = 6" x 5'0"
PROJECT NO. 472-76-245-80741000-000-001
JUNE 1984