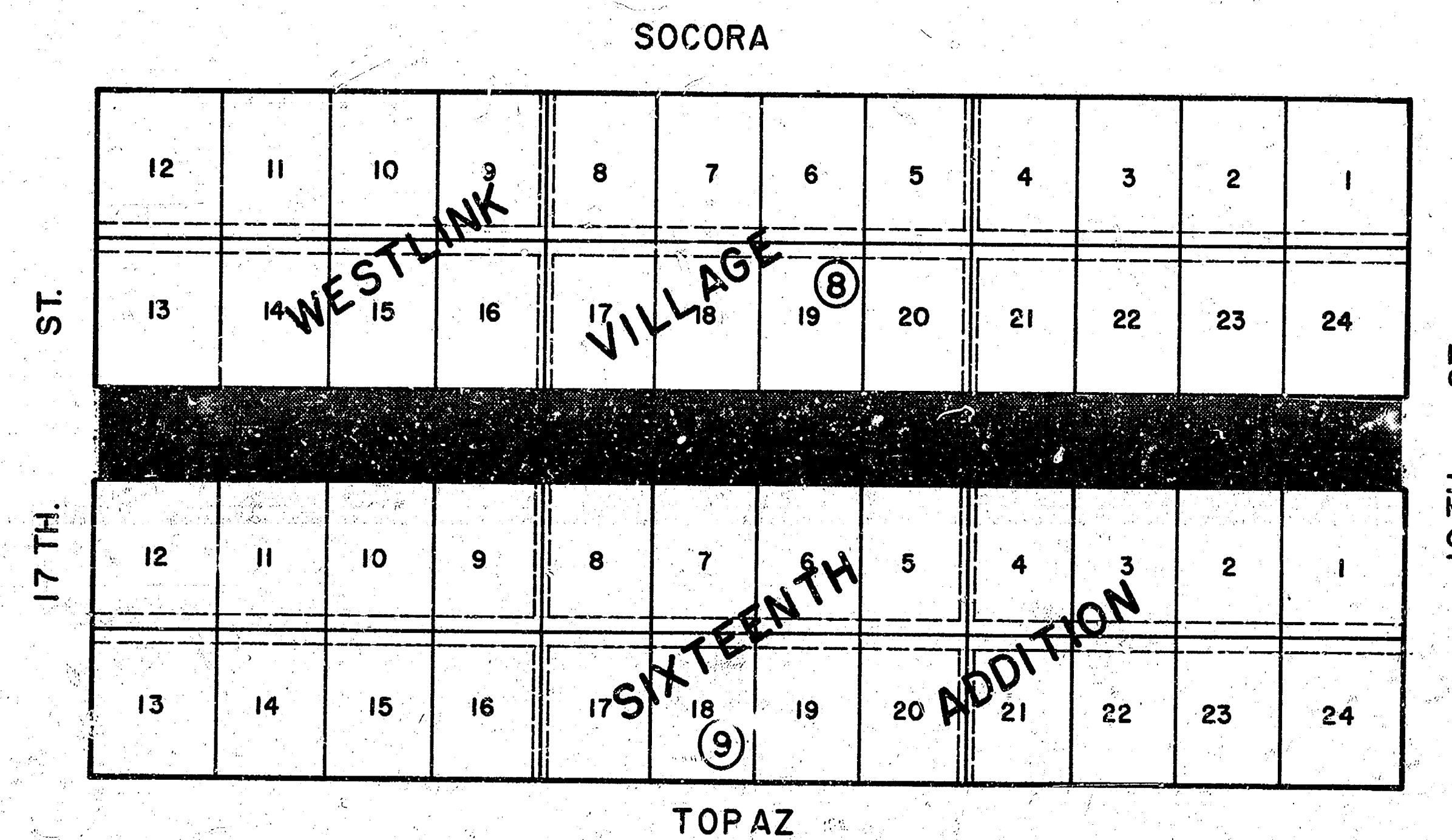
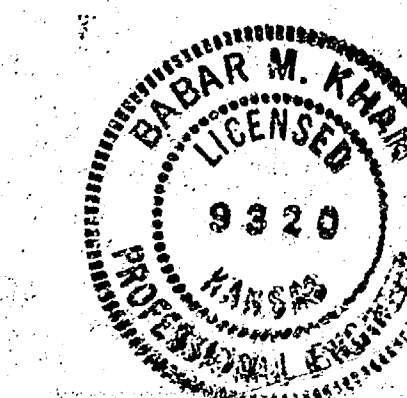


PAVING OF FLOYD STREET FROM N.L. 17TH. ST. TO S.L. 19TH. ST.



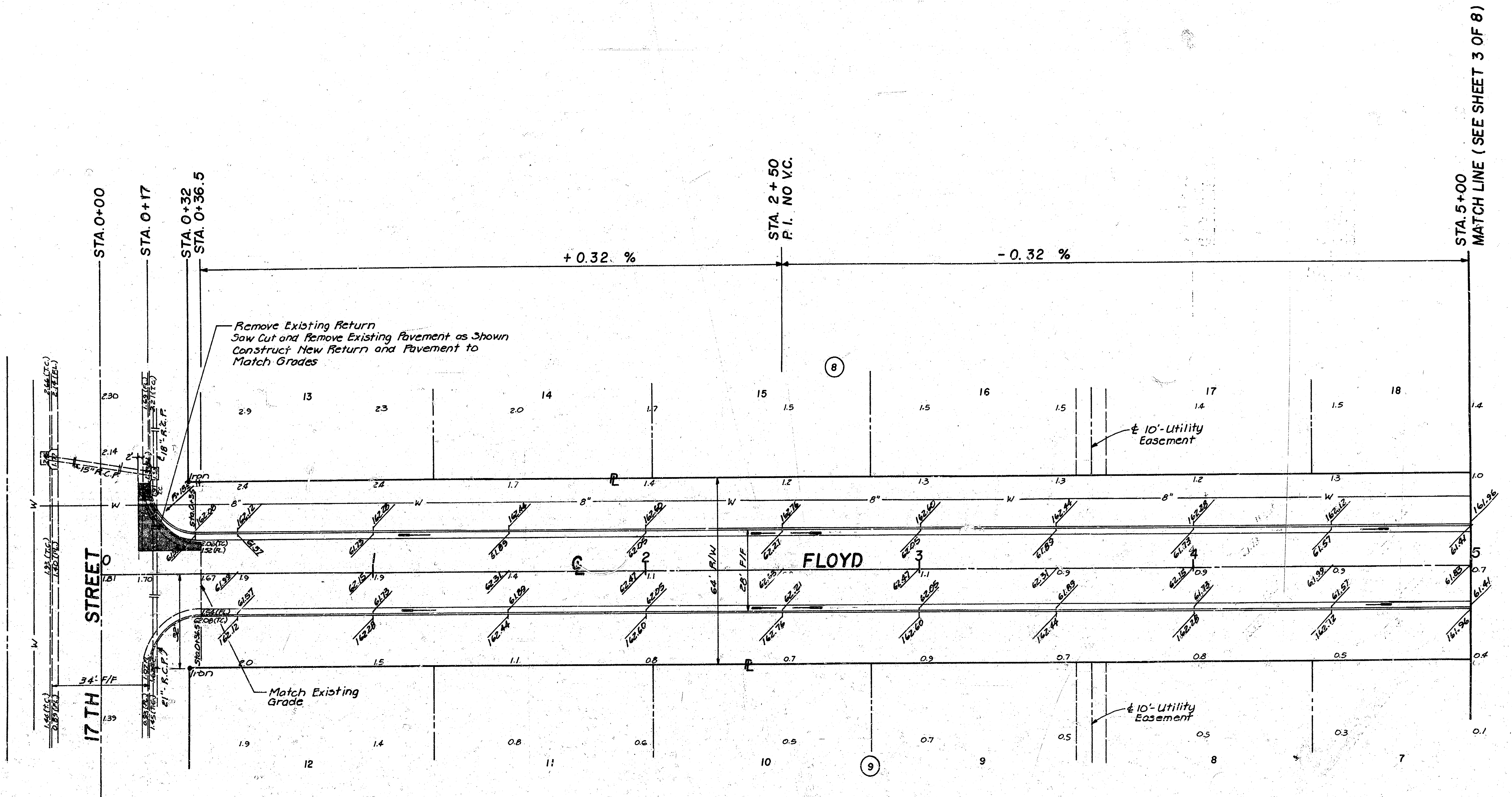
INDEX	
TITLE SHEET	1
PLAN	2-3
STORM SEWER PLAN/PROFILE	4
EARTHWORK CROSS- SECTIONS	5-6
STANDARD DETAILS	7-8

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



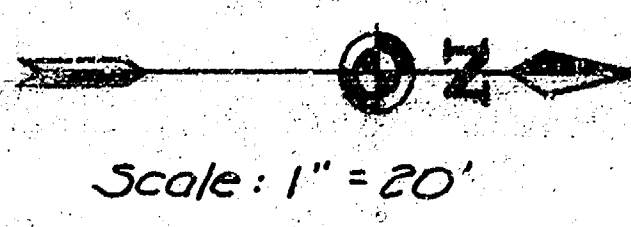
MUNICIPAL ENGINEERS
Civil Engineers & Land Surveyors
224 Locust, Suite 201
Wichita, Kansas 67211

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 'M' 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

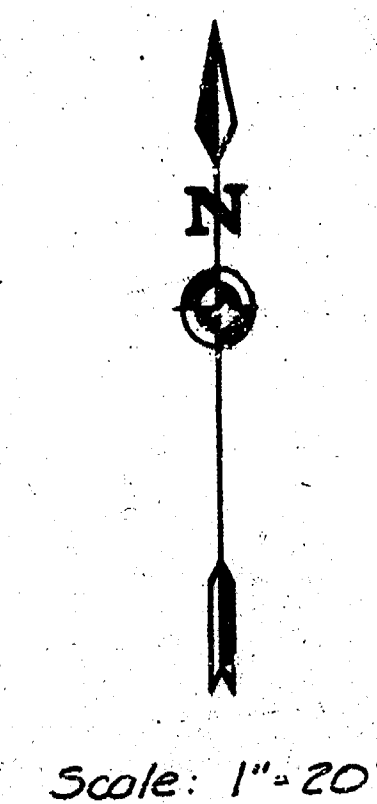
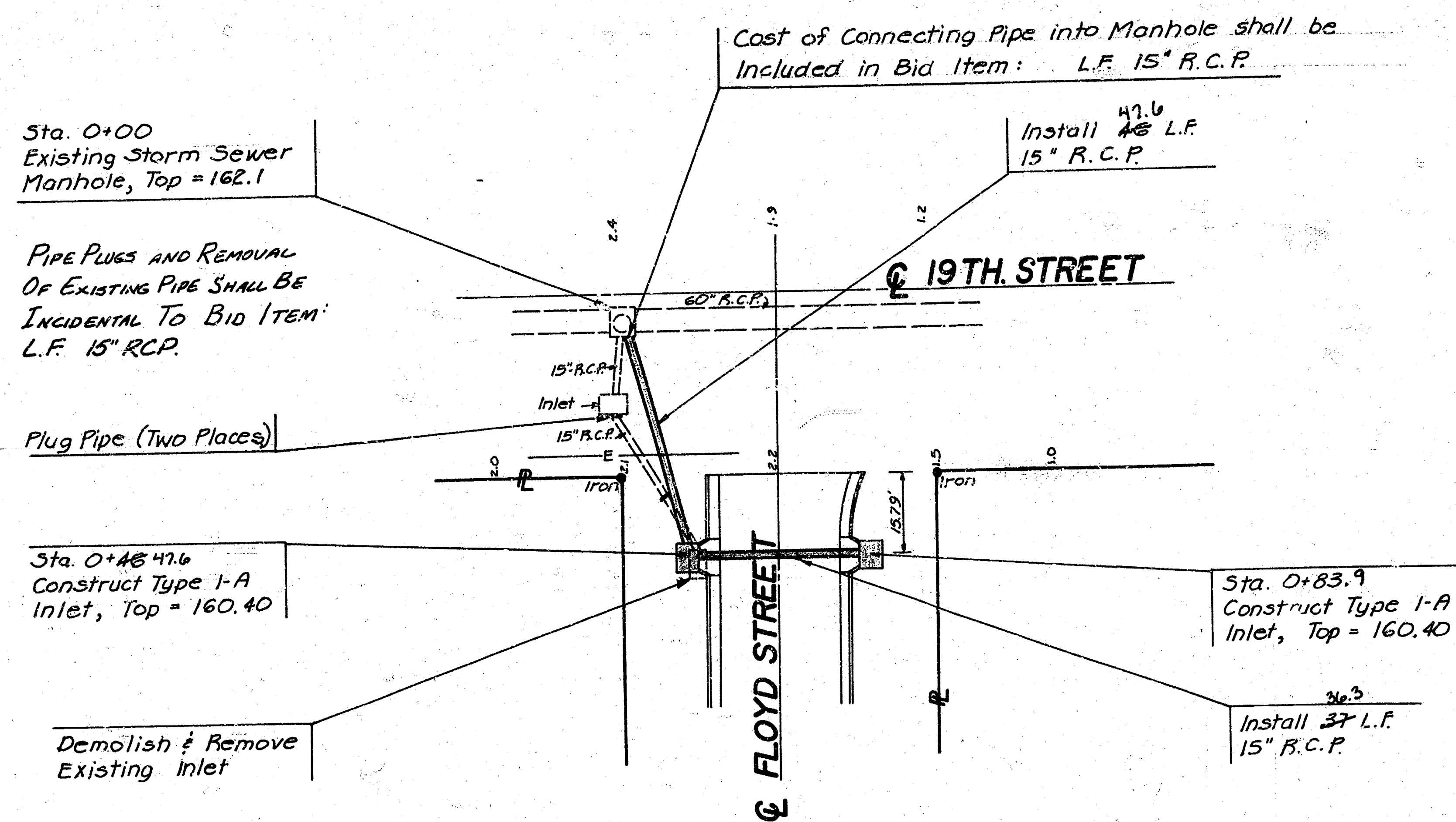
1. EXCAVATION	= 818 C.Y.
+ 10 %	= 82 C.Y.
TOTAL	= 900 C.Y.
2. COMPACTED FILL (90 %)	= 150 C.Y.
3. UNCOMPACTED FILL	= 100 C.Y.
4. LOOSE FILL	= 1,280 C.Y.
5. BORROW	= 1,131 C.Y.
6. COMPACTED FILL (95%)	547 C.Y.

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

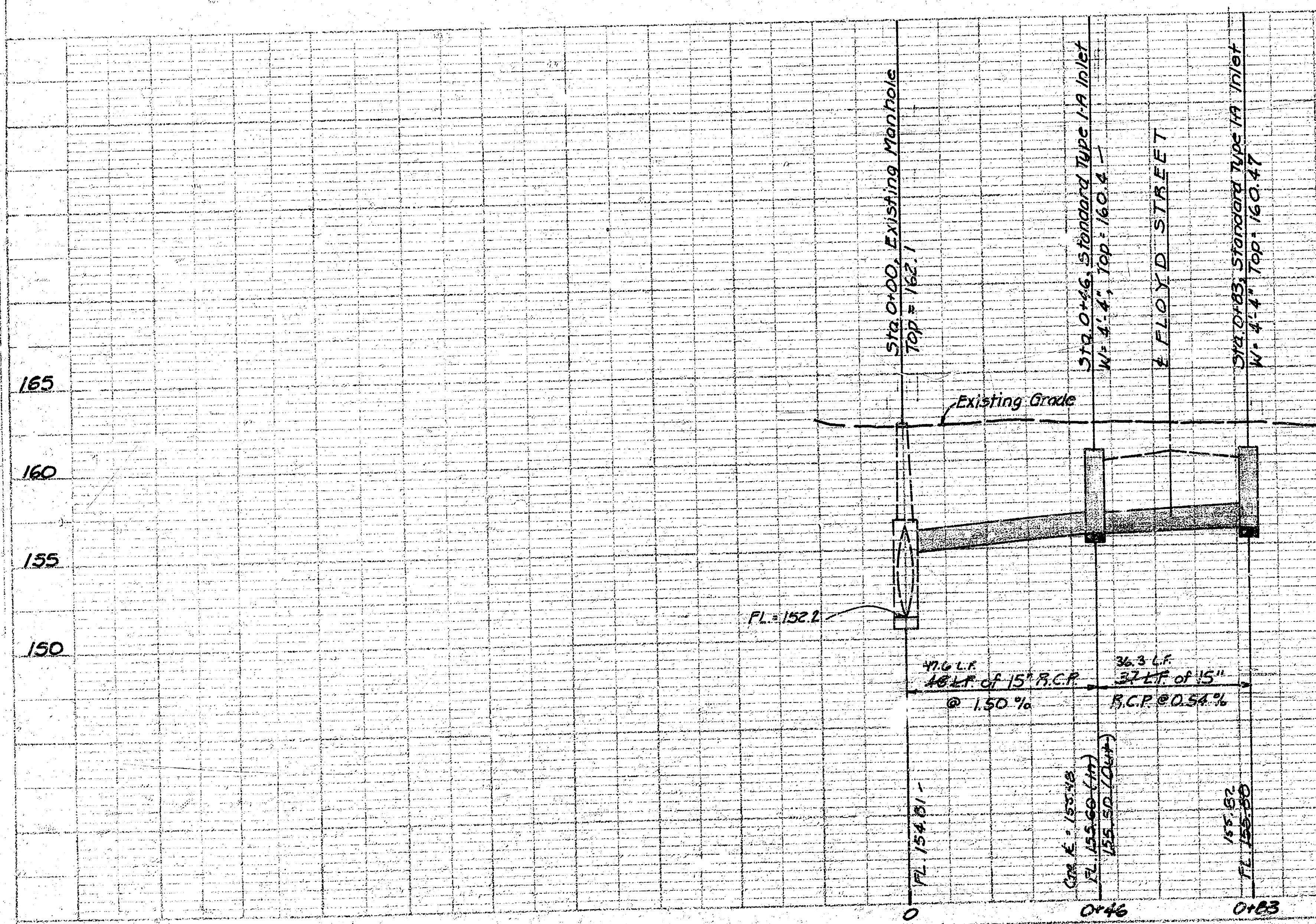
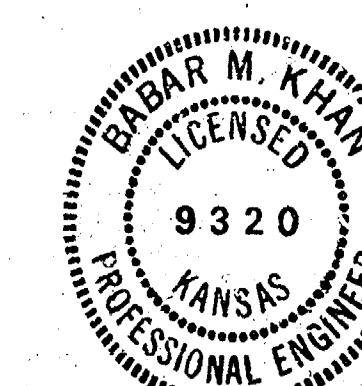


MUNICIPAL ENGINEERS
Civil Engineers & Land Surveyors
284 Leane, Suite 201
Wichita, Kansas 67211

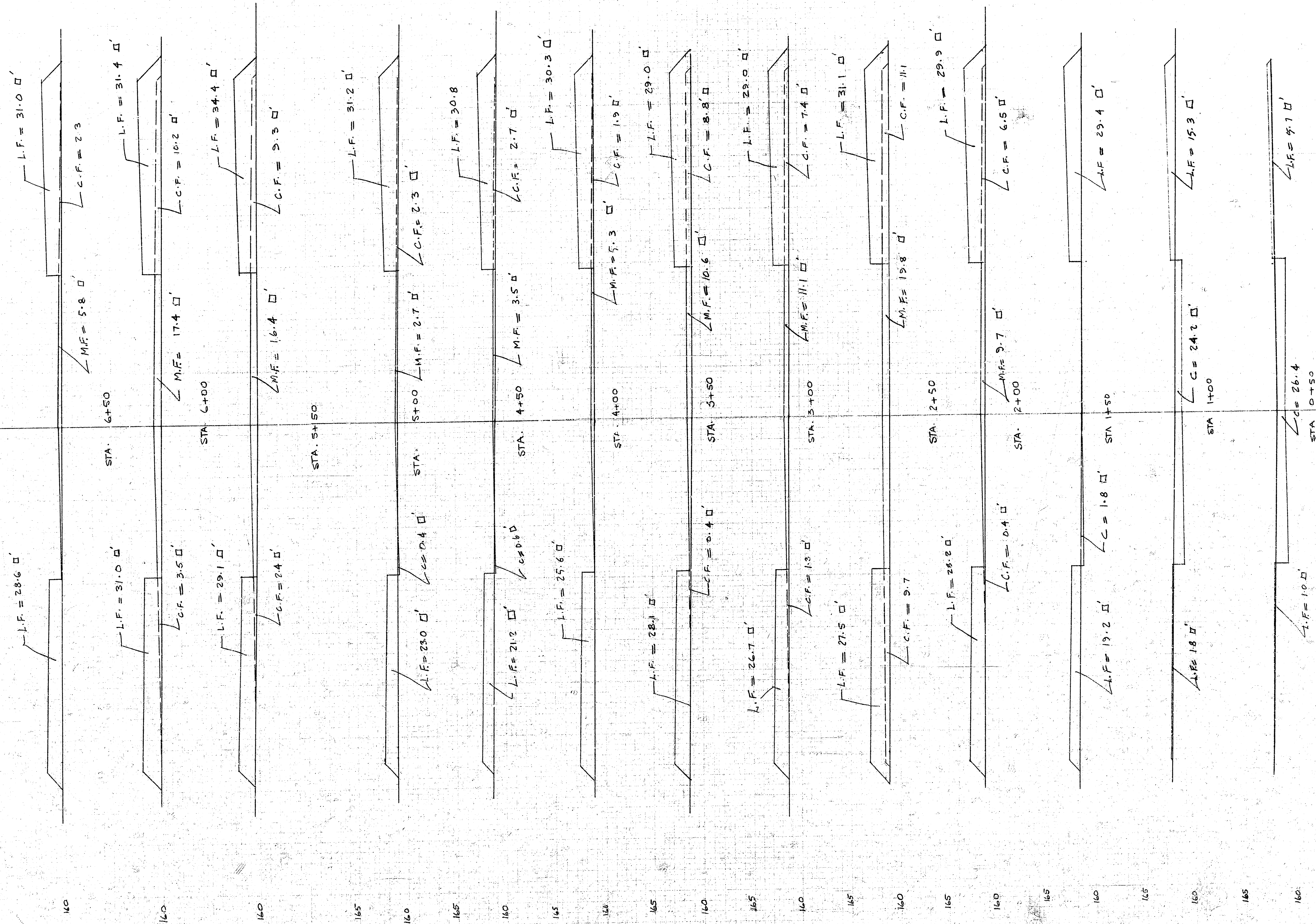
FROM NL 17TH ST. TO SL 19TH ST.	
SCALE: 1" = 20'	APPROVED BY: E.M.K.
DATE: 8-29-84	REVISION: 1
CITY OF WICHITA PROJECT NO. 472-76-245-80741000-000-001	
PLAN	DRAWING NUMBER: 2/8



AS BUILT
McGEEVER
12/84



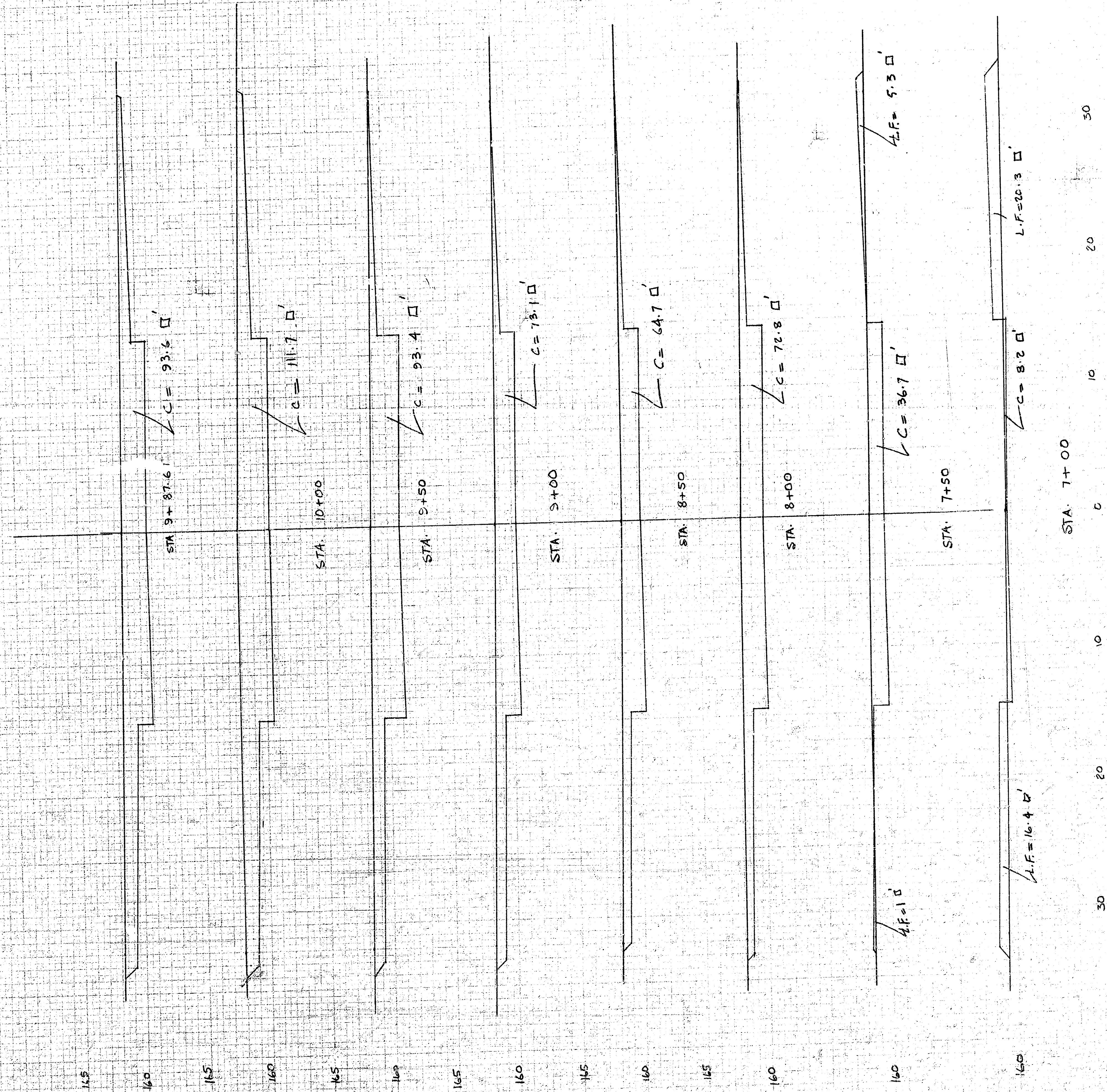
C.F. = COMPACTED FILL
L.F. = LOOSE FILL
M.F. = MANIPULATED FILL
C = EXCAVATION



EARTHWORK CROSS-SECTIONS, PAVING OF FLOYD STREET

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

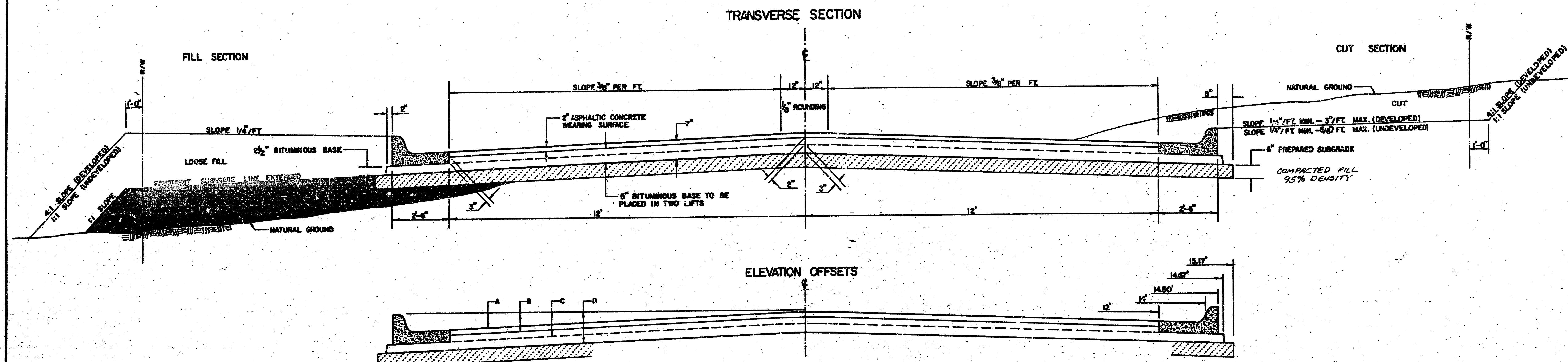
L.F. = L.F.
C = EXCAVATION



EARTHWORK CROSS-SECTIONS, PAVING OF FLOYD STREET

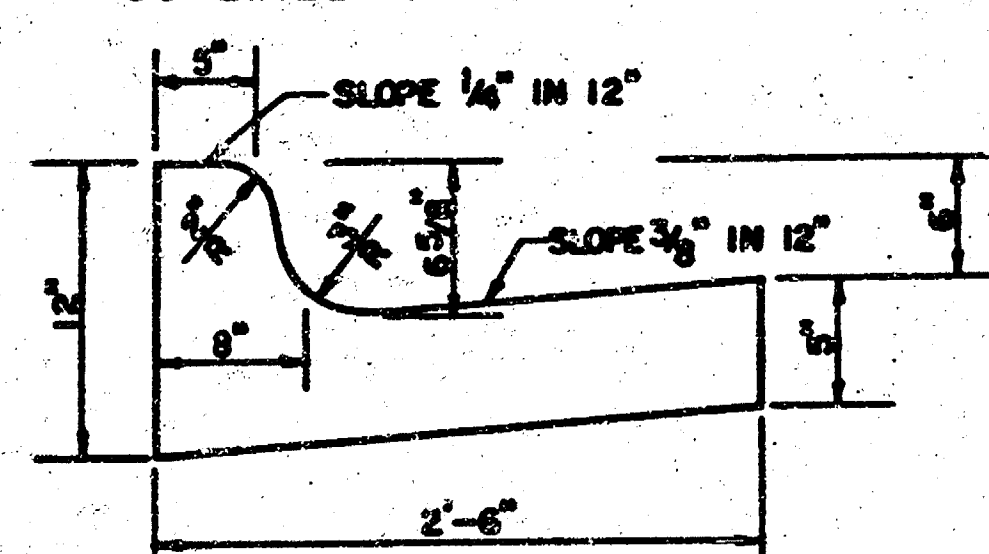
CITY OF WICHITA, PROJECT NO. 472-76-245-80741000-000-001

TYPICAL 29' PAVEMENT DETAILS

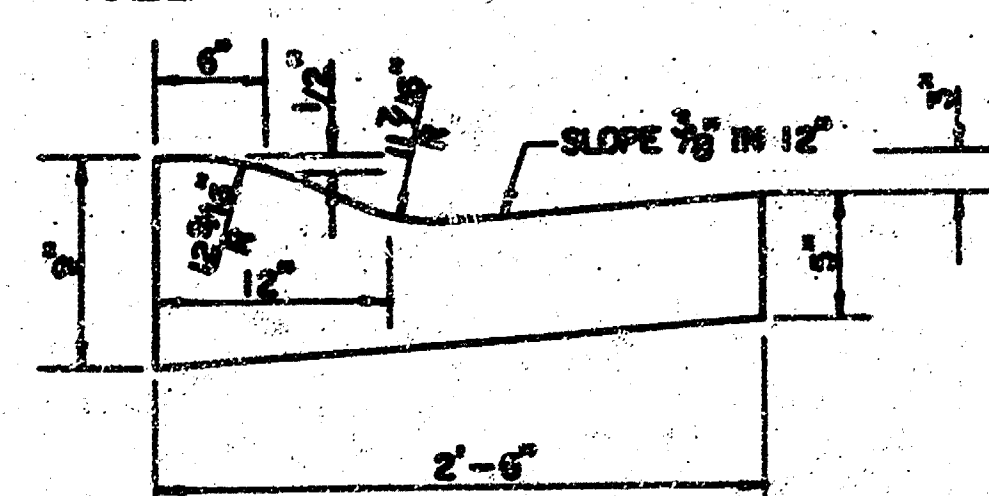


	DISTANCE FROM CENTERLINE (LX. & RT.)											
	0'	2'	4'	6'	8'	10'	12'	14'	14.5'	14.67'	15.17'	
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER 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



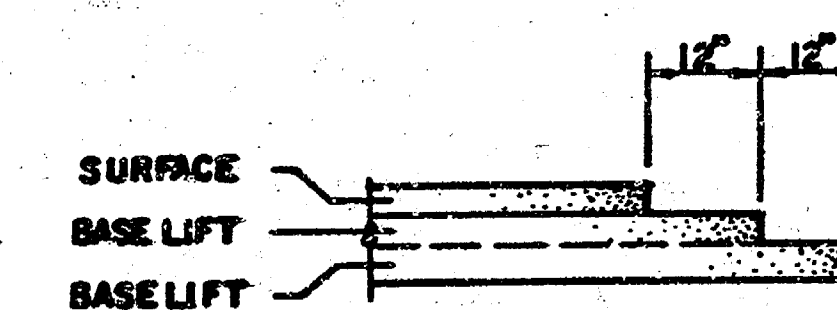
ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

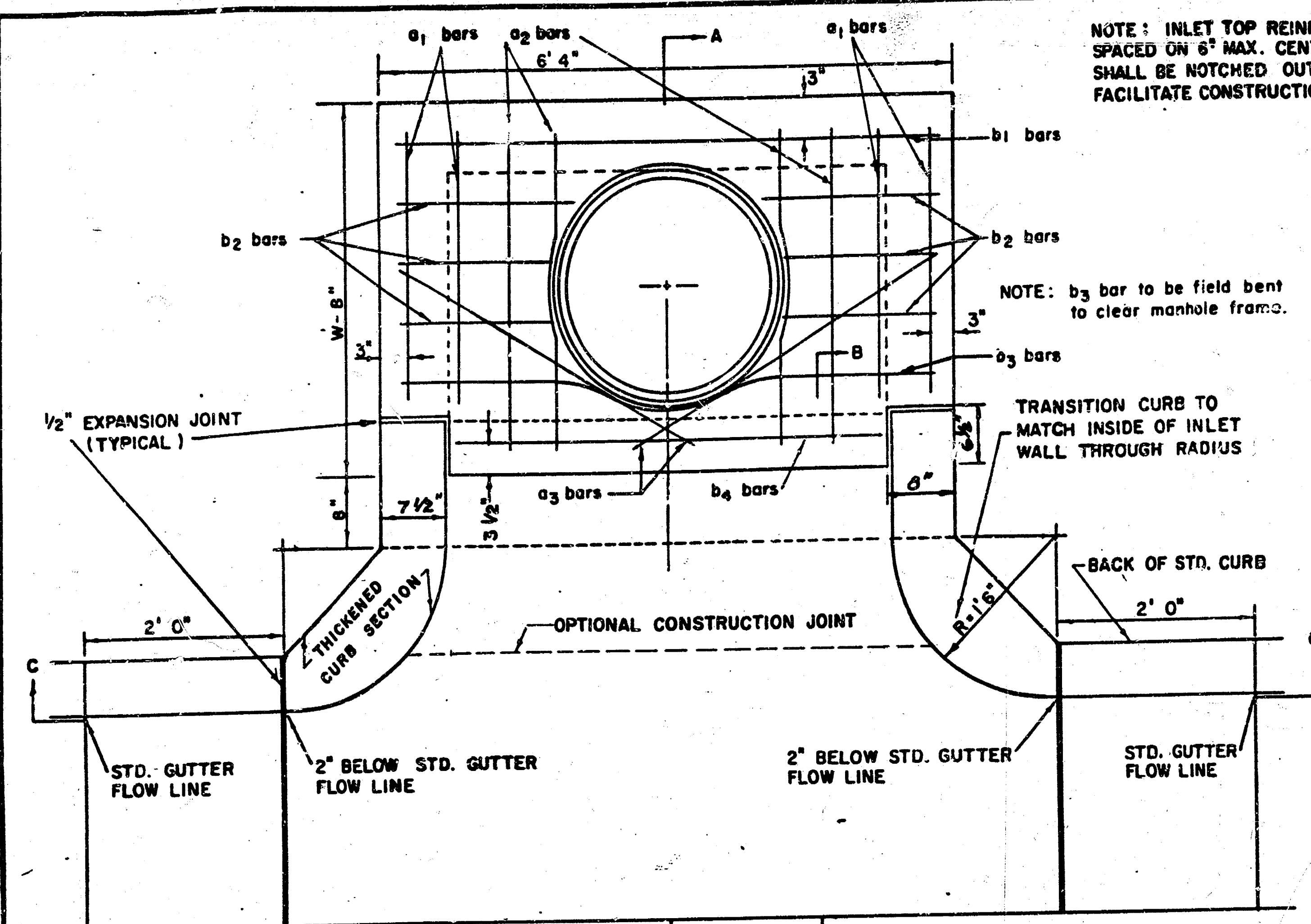
- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (2" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED 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).

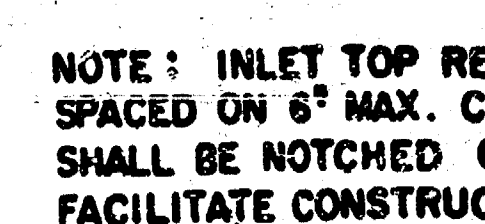
7 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
472-76-245-80741000-000-001



NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

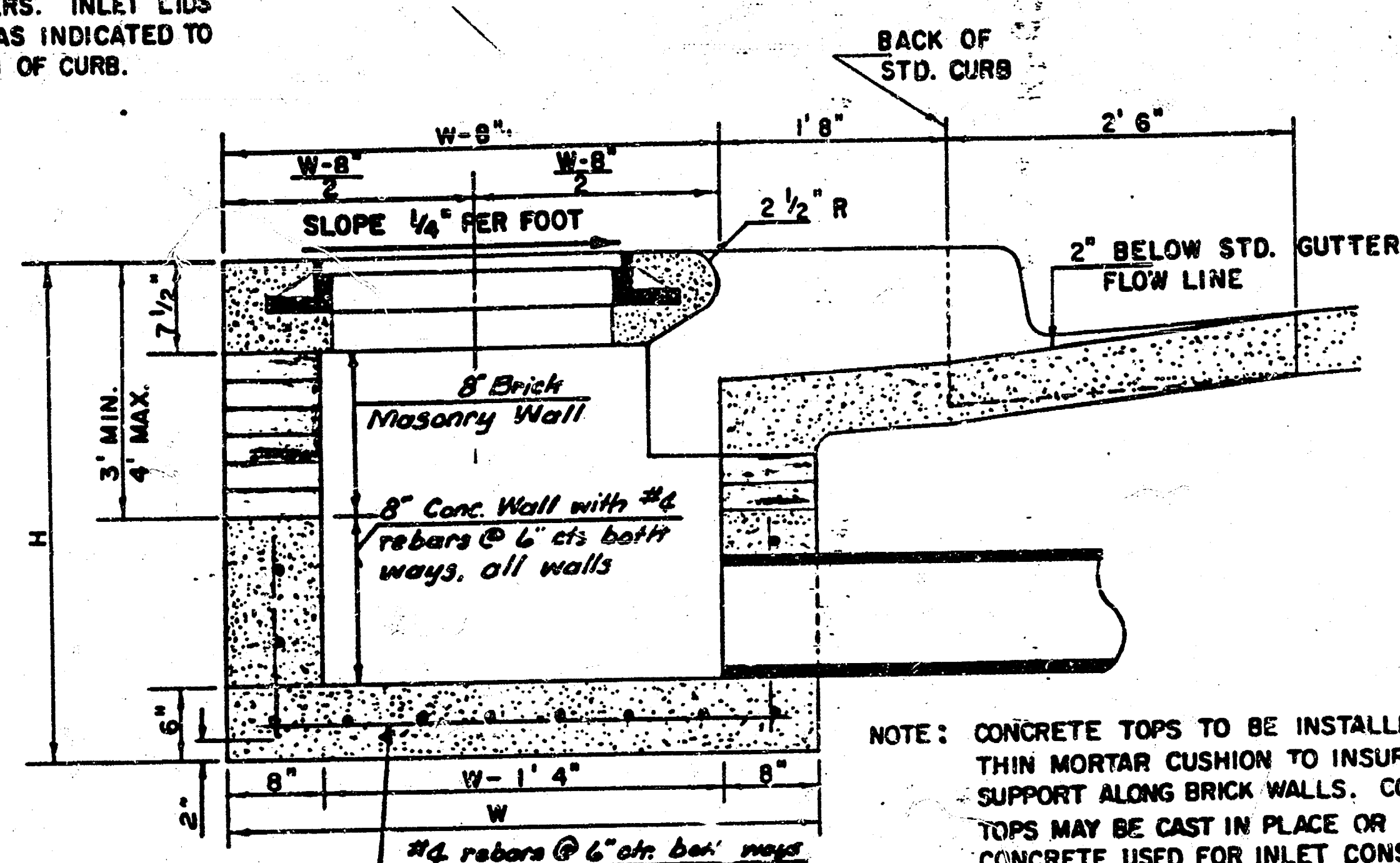
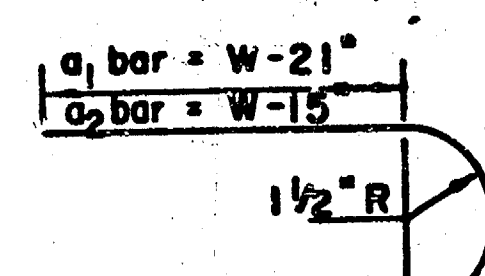
STEEL SCHEDULE												
BAR	a ₁	a ₂	a ₃	b ₁					b ₂	b ₃	b ₄	WT. LBS.
				W=4"4	W=5"4	W=6"4	W=7"4	W=8"4				
NUMBER	4	4	2	1	3	5	7	9	6	1	1	
SIZE	"4	"4	"4	"4	"4	"4	"4	"4	"4	"4	"6	
LENGTH	W=4"4	5'7"	6'7"	4'0"	6'1"	-	-	-	1'9"	6'2"	4'8"	60±
	W=5"4	7'7"	8'7"	5'0"	-	6'1"	-	-	1'9"	6'2"	4'8"	81±
	W=6"4	9'7"	10'7"	6'0"	-	-	6'1"	-	1'9"	6'2"	4'8"	101±
	W=7"4	11'7"	12'7"	7'0"	-	-	-	6'1"	1'9"	6'2"	4'8"	121±
	W=8"4	13'7"	14'7"	8'0"	-	-	-	-	6'1"	1'9"	6'2"	4'8"

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



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

TRANSITION CURB TO
MATCH INSIDE OF INLET
WALL THROUGH RADIUS

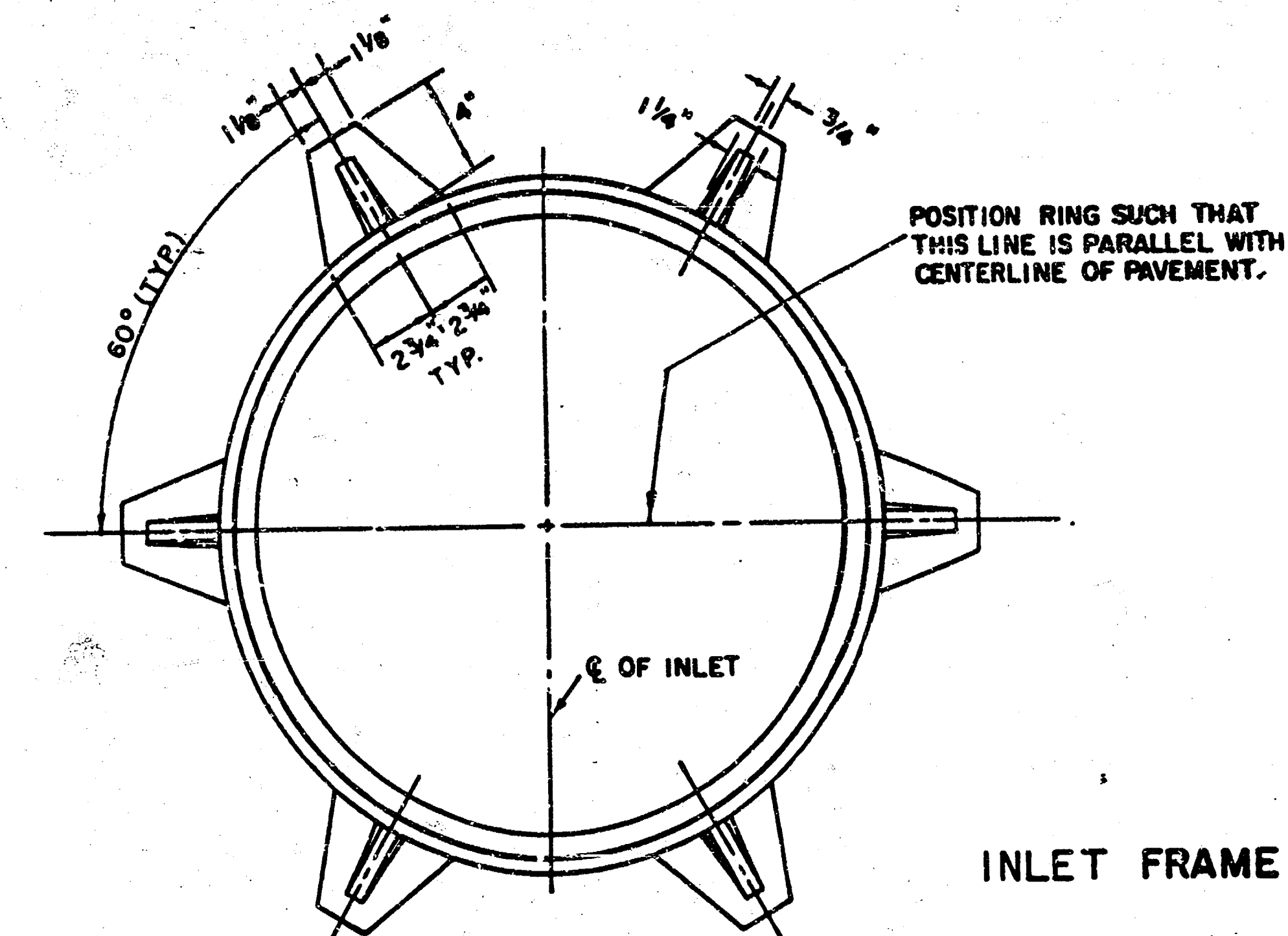


NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.

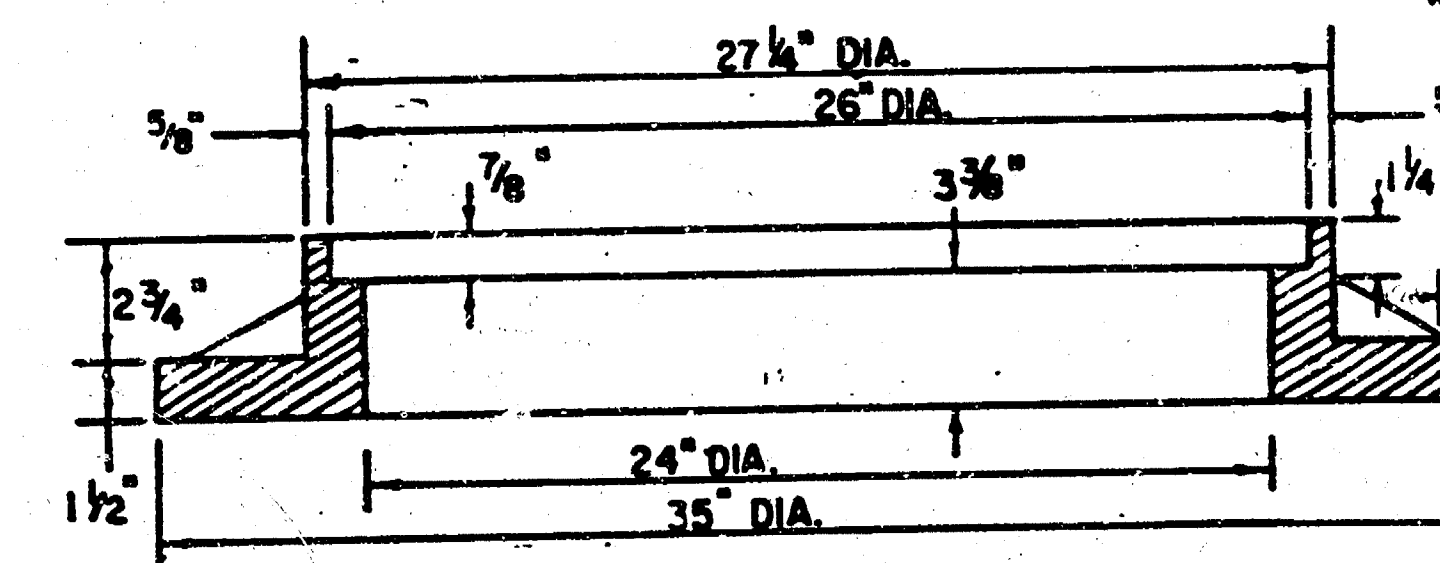
NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN $M = 4'4"$ AND $H = 6'6"$ OR LESS.

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

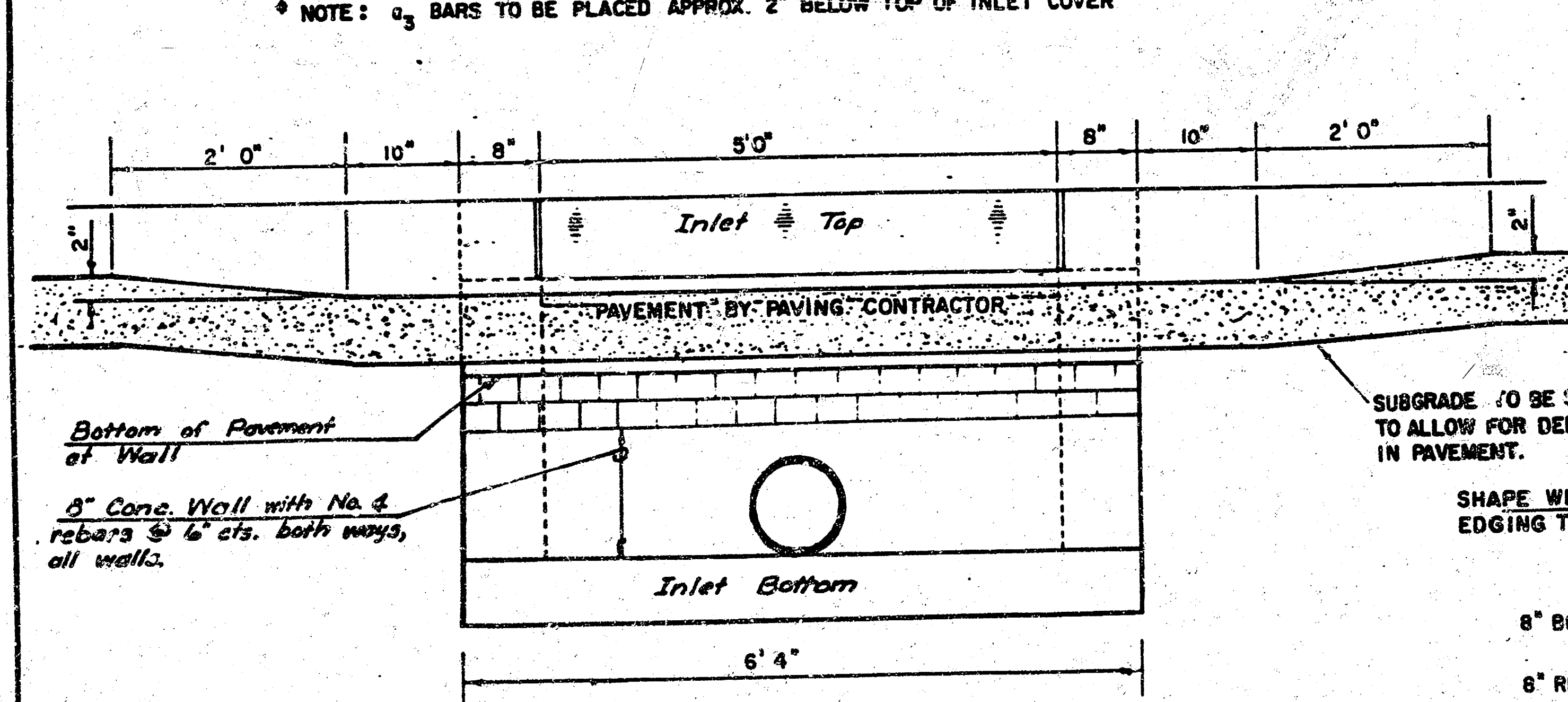
INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO
CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH
THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR
OUTLET PIPES.



WEIGHT = 180 LBS.



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



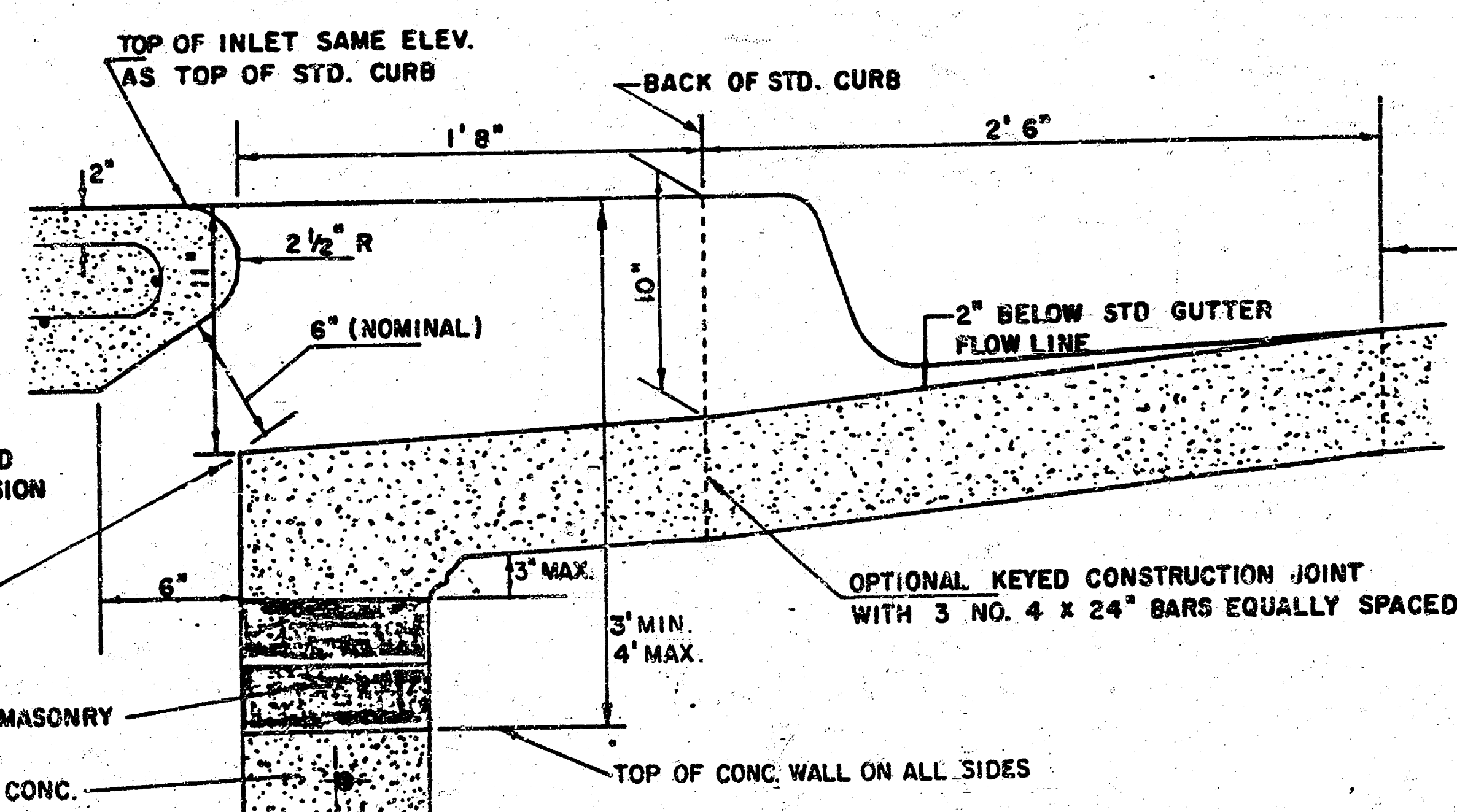
Bottom of Pavement
at Wall

8" Conc. Wall with No. 4
rebars @ 6" cts. both ways,
all walls.

SUBGRADE TO BE SHAPED
TO ALLOW FOR DEPRESSION
IN PAVEMENT.

SHAPE WITH EDGING TOOL

8" BRICK MASONRY
8" REINF. CONC. —



LIMITS OF GUTTER SHAPING AND/OR
EDGE OF CORR. CURB AND GUTTER

OPTIONAL KEYED CONSTRUCTION JOINT
WITH 3 NO. 4 x 24" BARS EQUALLY SPACED

DETAIL STANDARD TYPE 1A CURB INLET

CITY OF WICHITA, KANSAS

INLET OPENING = 6" x 5' 0"

PROJECT NO. 472-76-245-8074|000-000-001

JUNE 1984

44 2 3 4