

PAVING & INCIDENTAL DRAINAGE FOR
WILDERNESS THIRD ADDITION

WILDERNESS : FROM THE NORTH LINE OF RESERVE "A" IN WILDERNESS THIRD ADDITION TO SOUTH LINE OF WILDERNESS ADDITION
WILDERNESS COURT : FROM THE WEST LINE OF WILDERNESS TO AND INCLUDING THE CUL-DE-SAC

PROJECT NO.
472-76-245-81583-000-000-001

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, CITY ENGINEER

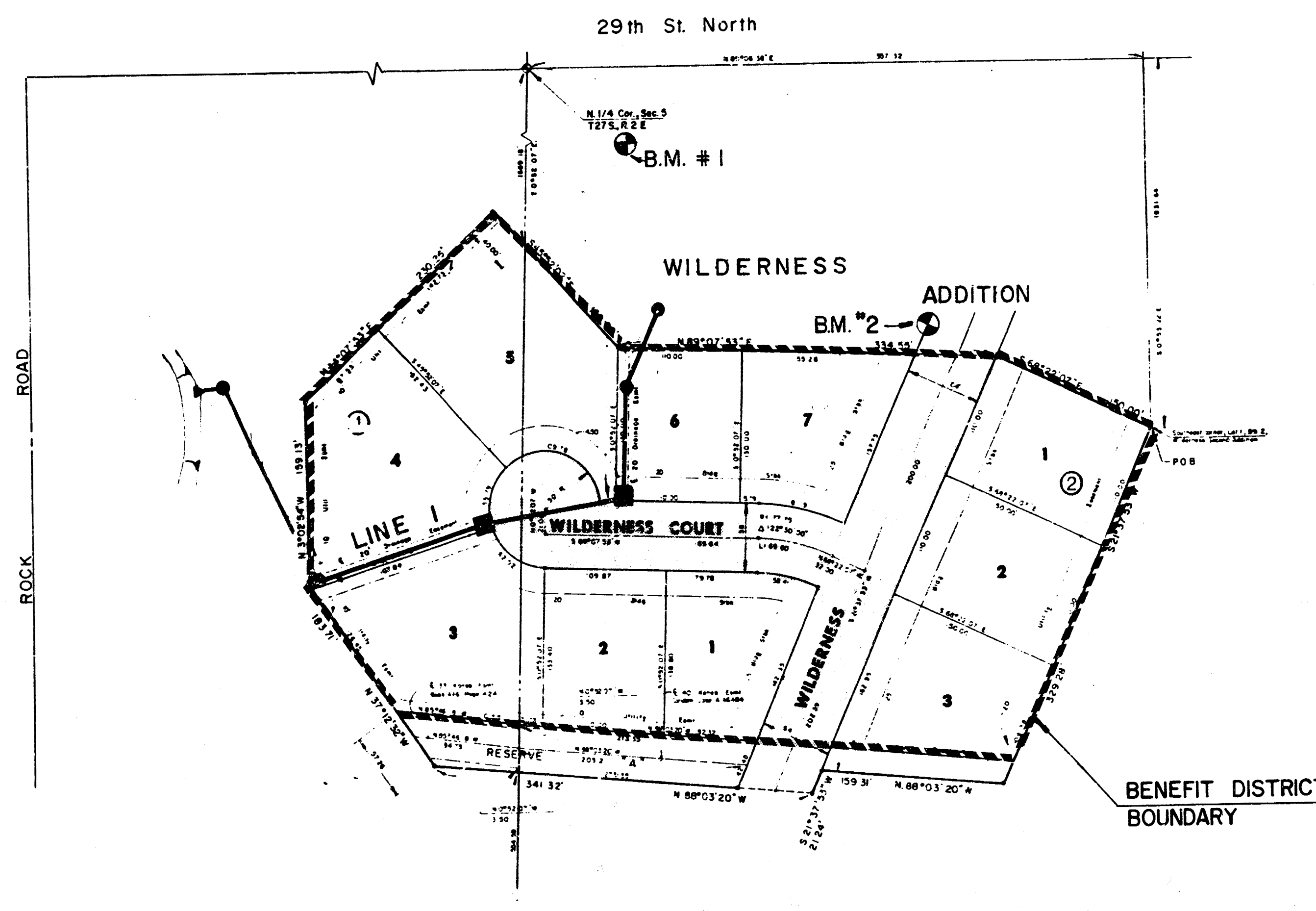
GENERAL NOTES

1. CURB AND GUTTER WITH WIDENED GUTTER TO BE PAID AS COMBINED CURB AND GUTTER.
2. THE 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 LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.
3. TRANSITION CURB FROM FULL HEIGHT COMBINATION CURB AND GUTTER TO ROLL TYPE COMBINATION CURB AND GUTTER IS TO BE PAID AS BID FOR LINEAR FEET COMBINED CURB AND GUTTER. (3 5/8" ROLL).
4. CURB SHALL BE DEPRESSED THROUGH DRIVES (13"), WHERE ROLL TYPE CURB AND GUTTER IS CONSTRUCTED.
5. I-A INLET HOOKUPS TO BE BID EACH. SIZE VARIES.
6. TREES SHOWN ON THESE PLANS, IF THERE AT THE TIME OF THE SURVEY. SINCE THAT TIME SOME OF THE TREES MAY HAVE BEEN REMOVED BY OTHER CONSTRUCTION ACTIVITY.
TREES OUTSIDE THE LIMITS OF THE CURB SHALL BE REMOVED ONLY WITH THE CONSENT OF THE ENGINEER. THE BID OF CLEARING RIGHT-OF-WAY SHALL INCLUDE ALL TREES AND BRUSH TO BE REMOVED ON THIS PROJECT.
7. ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.
8. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
9. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF TWENTY-FOUR (24) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

SOUTHWESTERN BELL TELEPHONE COMPANY 1-316-571-2611
CABLEVISION 262-4270 or 263-2061
KPL GAS SERVICE 263-7511
KANSAS GAS & ELECTRIC 264-1141
CITY OF WICHITA WATER DEPARTMENT 268-4908
CITY OF WICHITA SEWER DEPARTMENT 268-4071
ARKLA GAS COMPANY 942-8350 or 263-8161

BENCH MARKS

- B.M. #1 "□" cut on top curb at the N.E. corner of Lot 27, Block 3, Wilderness.
Elev. = 212.46
- B.M. #2 "□" on top of West curb of Wilderness St. 40' North of the Wilderness 3rd Add.
Elev. = 213.14

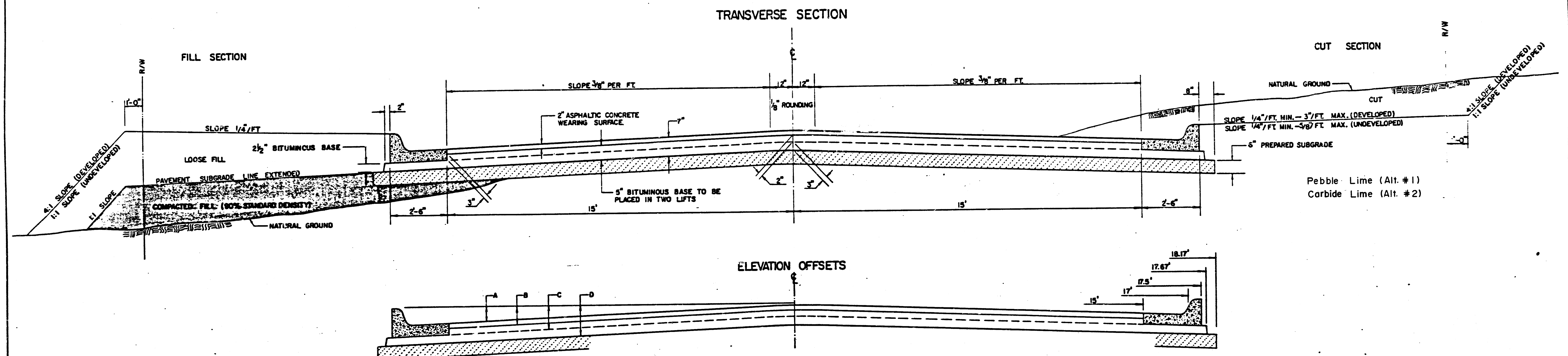


INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	PAVING DETAILS
4	WILDERNESS
5	WILDERNESS COURT
6-7	CROSS SECTIONS
8-9	STORM WATER SEWER PLANS
10-11	STORM WATER SEWER DETAILS
12	FINAL PLAT

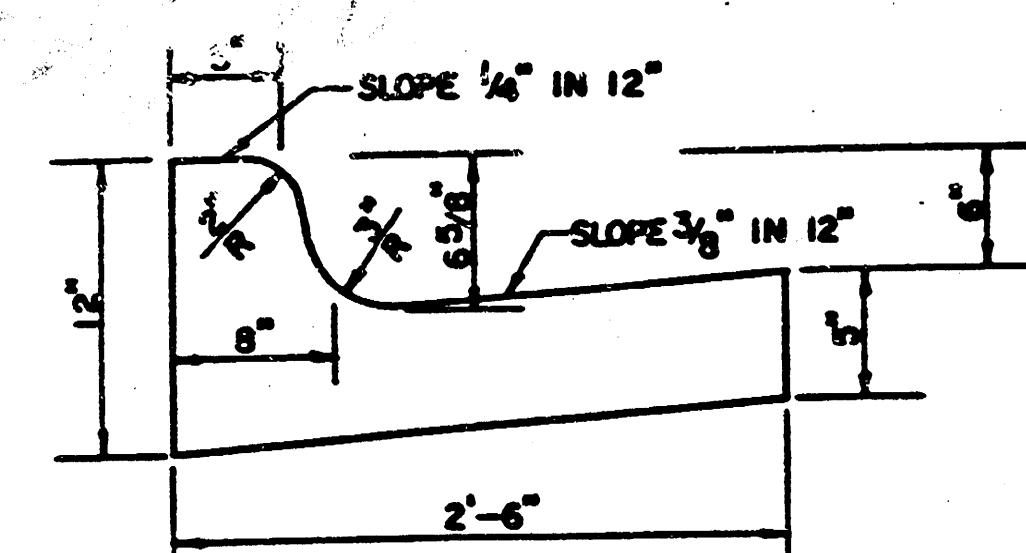
	WILDERNESS THIRD	Drawn by FF
	PAVING & INCIDENTAL	Checked by K.H.B.
	DRAINAGE	Date
		Job No.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		Sheet 1 of 12

TYPICAL 35' PAVEMENT DETAILS

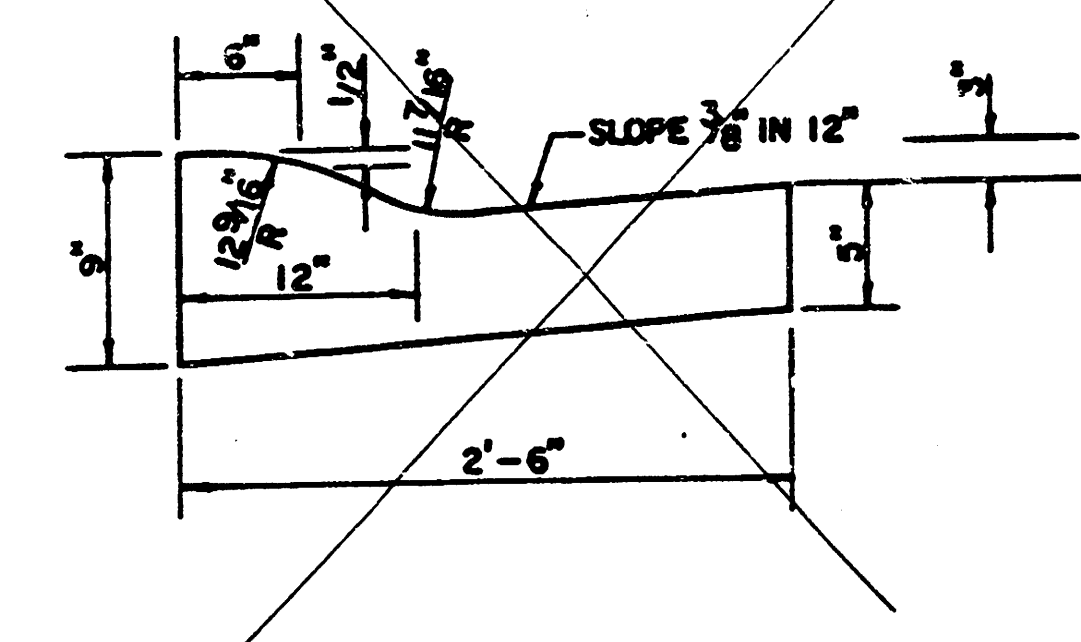


	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	8'	10'	12'	14'	15'	17'	17.5'	17.67'	18.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.04	0.08	0.14	0.21	0.29	0.33	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.21	0.25	0.31	0.37	0.45	0.50	0.56	0.62	0.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.37	0.43	0.50	0.57	0.67	0.72	0.79	0.87	0.90	0.98	1.00	1.00	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.62	0.67	0.74	0.81	0.90	0.95	1.02	1.08	1.12	1.19	1.21	1.21	1.23

COMBINED CURB & GUTTER



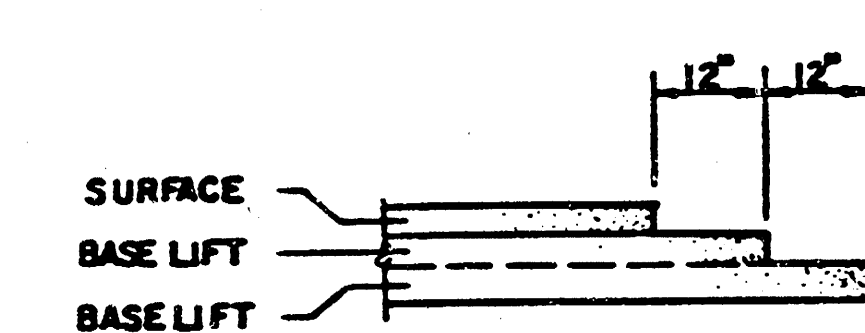
ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

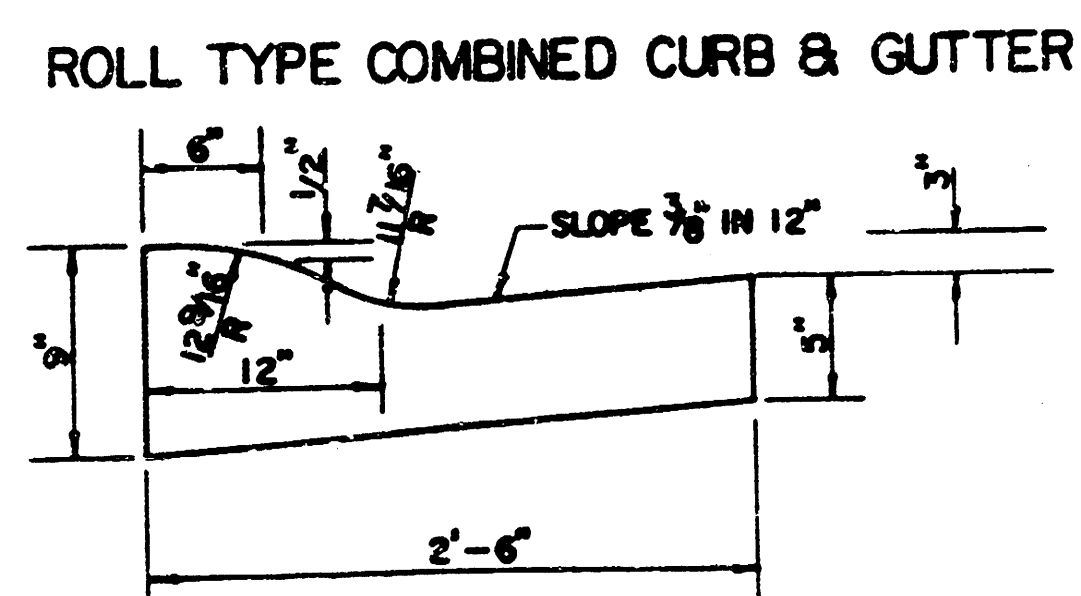
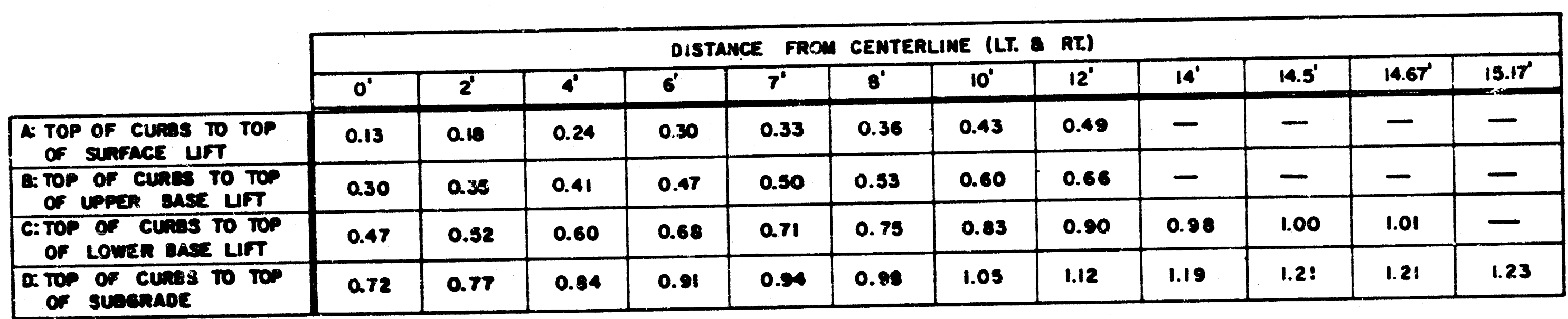
- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A JAYDOOR 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

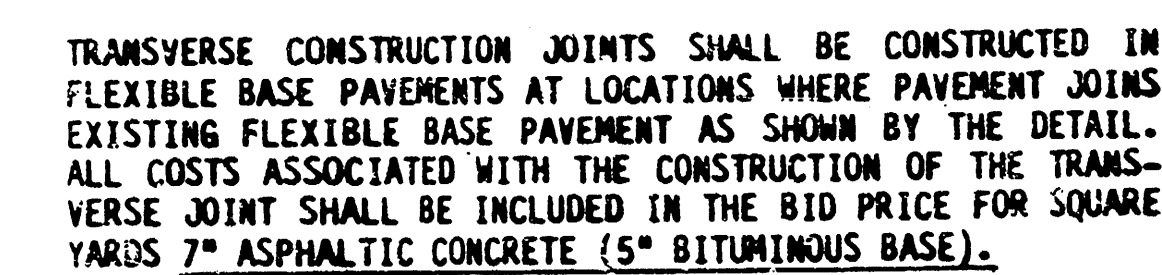


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 8" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

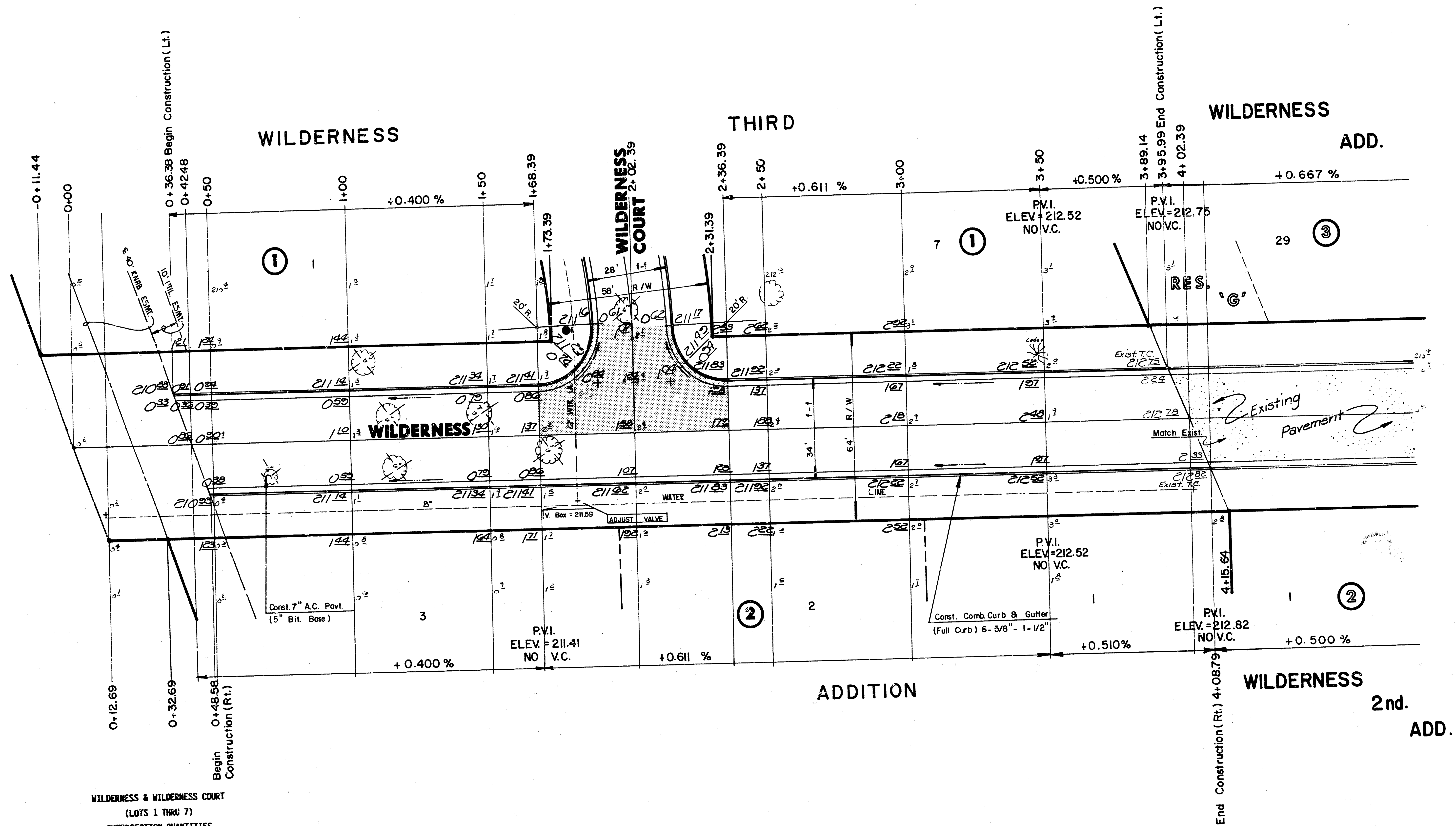
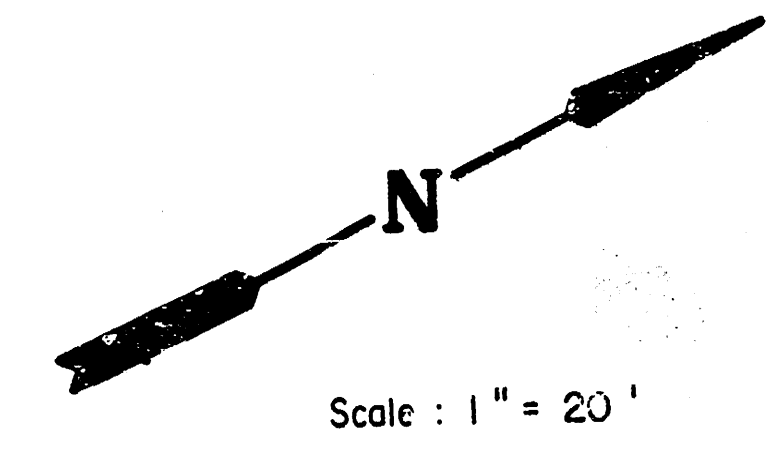
7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER 472-76-245-81583-000-000-001 2/12



- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" 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 DULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 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 LANE 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 ALTERNATIVES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.



PROJECT NUMBER
472-76-245-81583-000-000-001



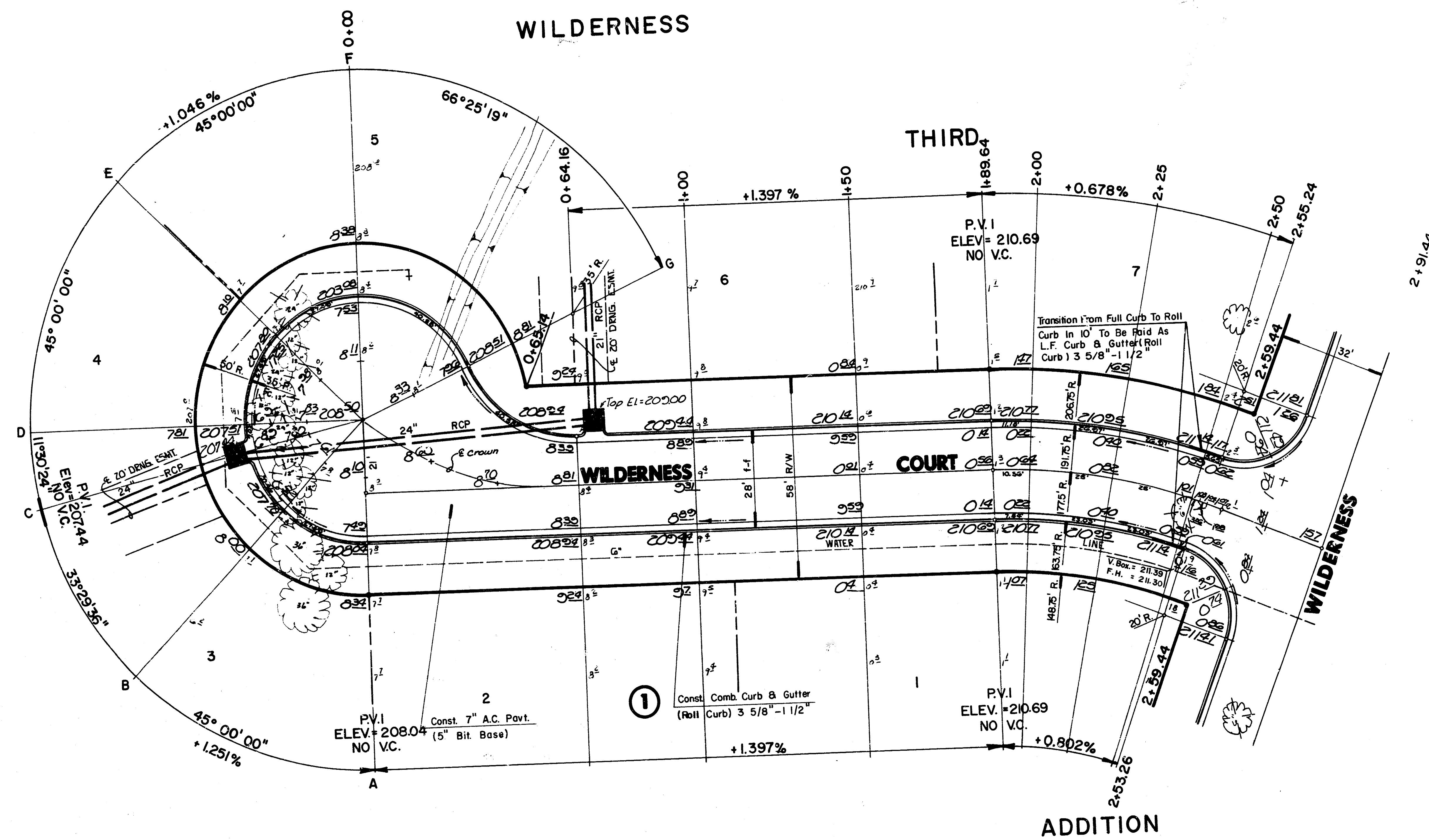
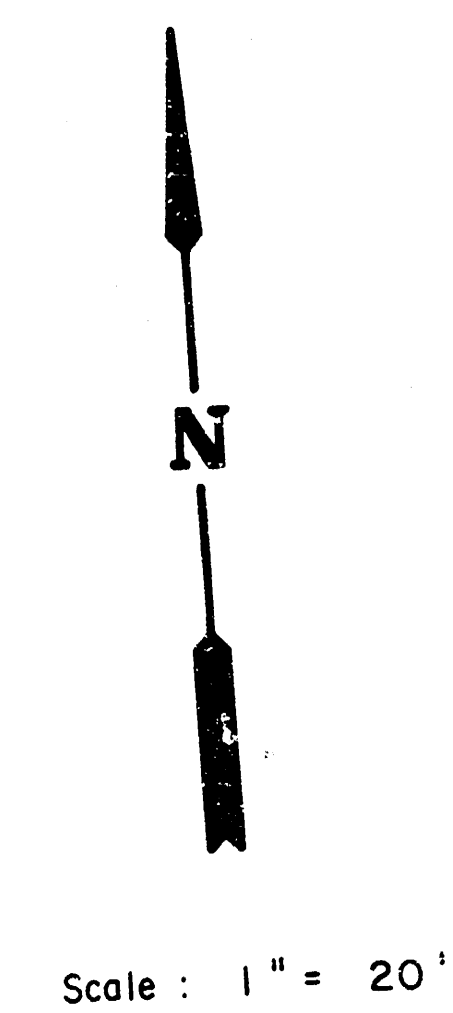
WILDERNESS & WILDERNESS COURT
(LOTS 1 THRU 7)
INTERSECTION QUANTITIES

—	S.Y.	—	"	Concrete Pavement
195.6	S.Y.	7	"	Asphaltic Conc. Pavement (5" Bituminous Base)
18.6	S.Y.	2 1/2	"	Bituminous Base
62.8	L.F.			Combined Curb & Gutter (6 5/8")
—	L.F.			Monolithic Edge Curb (6 5/8")
—	S.F.	4"		Wheelchair Ramp
—	S.F.	4"		Walk
—	C.Y.			Excavation
—	C.Y.			Compacted Fill
—	Lbs.			Reinforcing Steel
217.7	S.Y.			Manipulation
—	Tons			Lime or Cement
—	S.Y.	V.G.	—	" Concrete & — " Asphaltic Concrete Base

Excavation
10%
1040.1
104.0
1144.10 C.Y.
Manipulation = 2,770.60 S.Y.

	CITY OF WICHITA	Design FF
	WILDERNESS	Drawn by ALL
	PROJECT NO. 472-76-245-81583-000-000-001	Checked by KHB
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226	Date 6-17-87
	682-6561	Sheet 4 of 12

NOTE:
Top Of Curb Elevations Shown For
Full Curb, Construct Combined Curb
& Gutter (Roll Type).



CURVE DATA BASED ON Centerline RAD. Δ / 2 = 11°15'00"					
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8' Off Ltcd	8' Off Rtcd		
1+89.64	-	-	-	-	0°00'00"
2+00.00	10.36'	11.64'	9.08'	01°40'11"	01°40'11"
2+25.00	25.00'	28.07'	21.89'	04°01'45"	05°41'56"
2+50.00	25.00'	28.07'	21.89'	04°01'45"	09°43'41"
2+53.26	3.26'	-	2.86'	00°31'31"	10°15'12"
2+56.24	2.98'	7.01'	2.51'	00°28'49"	10°44'01"
2+59.44	3.20'	-	-	00°30'59"	11°15'00"
				Def./Ft. = 9.67017 Min.	

CITY OF WICHITA

WILDERNESS COURT

PROJECT NO.
472-76-245-81583-000-000-001

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #200
WICHITA, KANSAS 67226

Design: F.F.

Drawn by: ALL

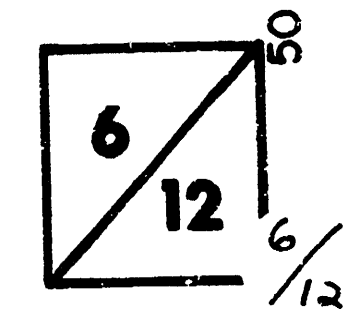
Checked by: KHB

Date: 6-17-07

Scale: as shown

Sheet: **5**

of: **12**



45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45

TOTAL PROJ Exc = 1,091.1 c.y.
LF = 66.6 c.y.

TOTAL Exc = 604.6 c.y.
LF = 23 c.y.

215 STA. 0+42.48
210

215 STA. 1+00
210

215 STA. 1+68.39
210

215 STA. 2+02.39
210

215 STA. 2+36.39
210

215 STA. 3+00
210

215 STA. 3+50
210

215 STA. 4+02.39
210

C = 33.6
LF = 5.4

C = 42.7
LF = 15

Exc = 81.3 c.y.
LF = 7.3 c.y.

C = 55.8
LF = 0.3

Exc = 124.7 c.y.
LF = 2.3 c.y.

C = 66.3

Exc = 76.9 c.y.
LF = 0.2 c.y.

C = 57.3
LF = 1.6

Exc = 77.8 c.y.
LF = 1 c.y.

C = 47.6
LF = 3.5

Exc = 123.6 c.y.
LF = 6 c.y.

C = 28
LF = 4.2

Exc = 70 c.y.
LF = 7.1 c.y.

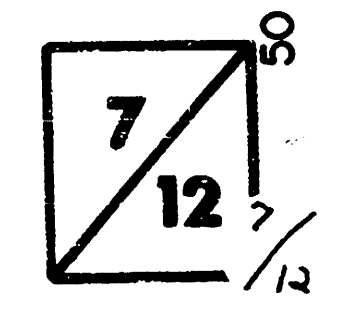
C = 23.8

Exc = 50.3 c.y.
LF = 4.1 c.y.

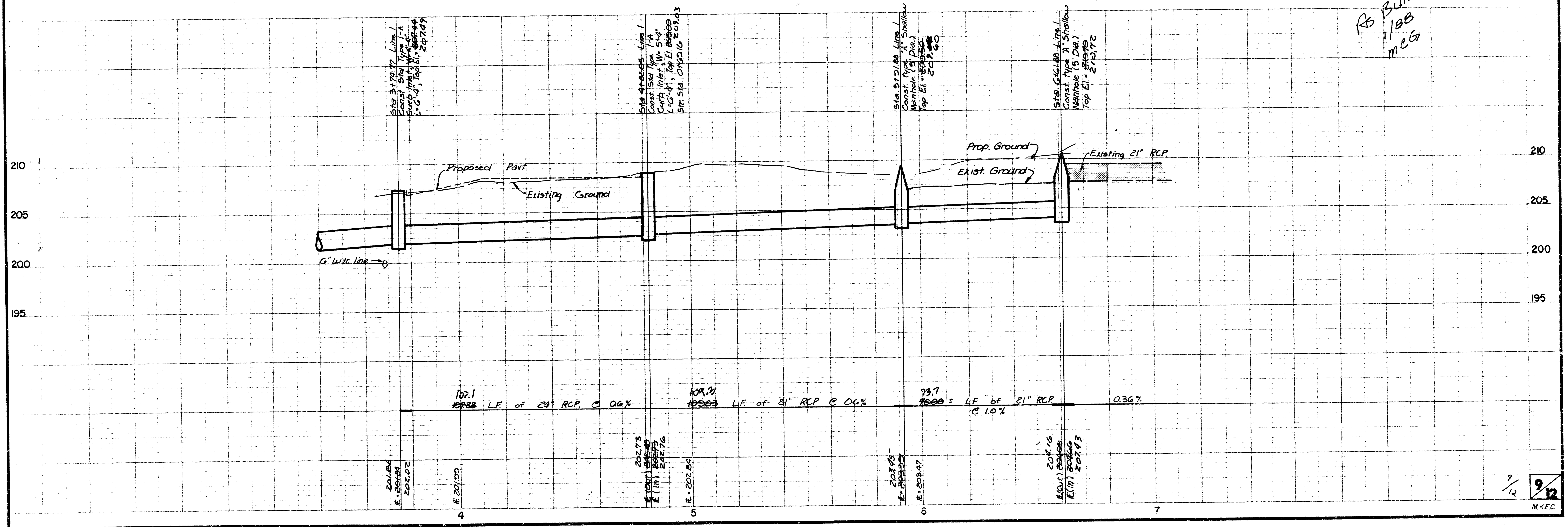
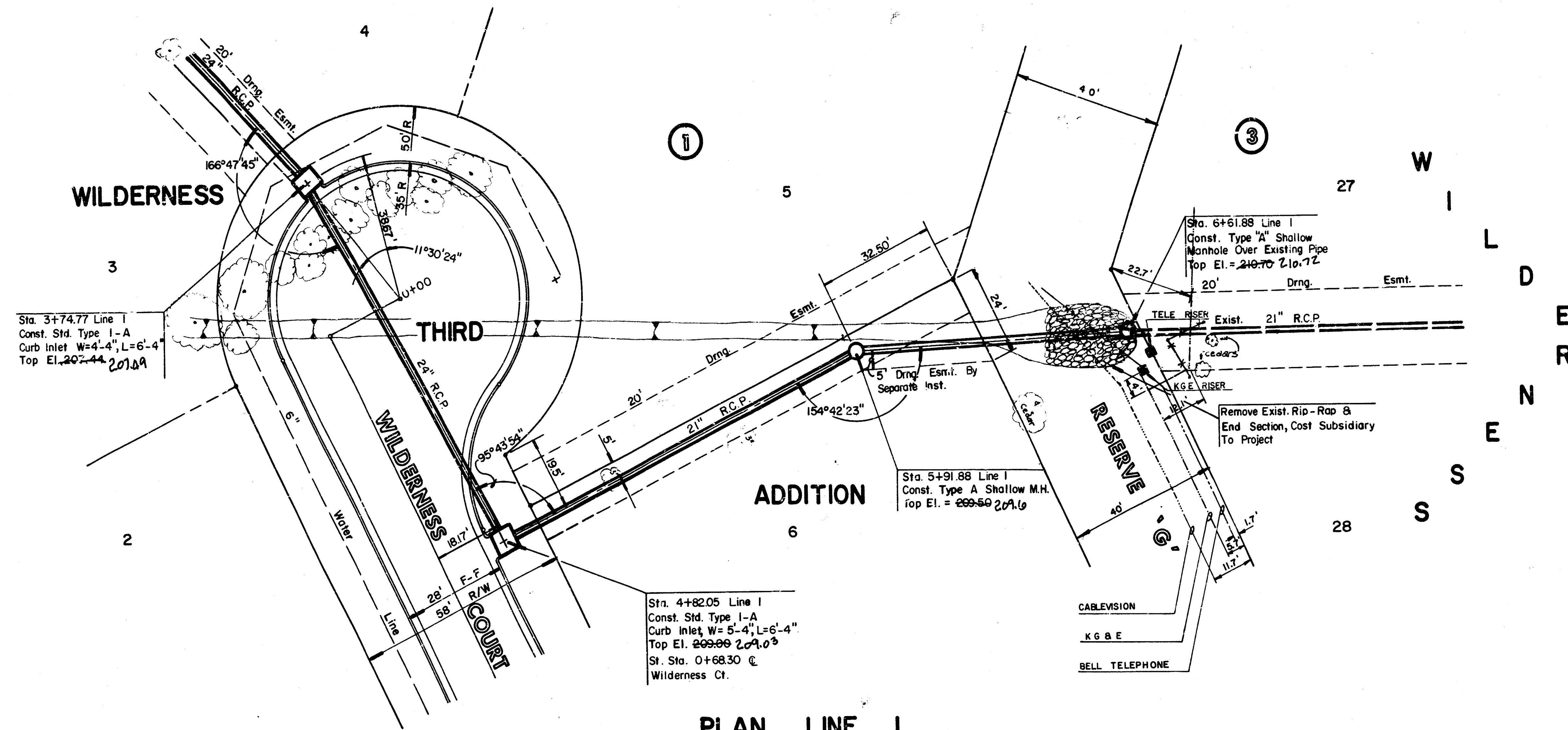
WILDERNESS

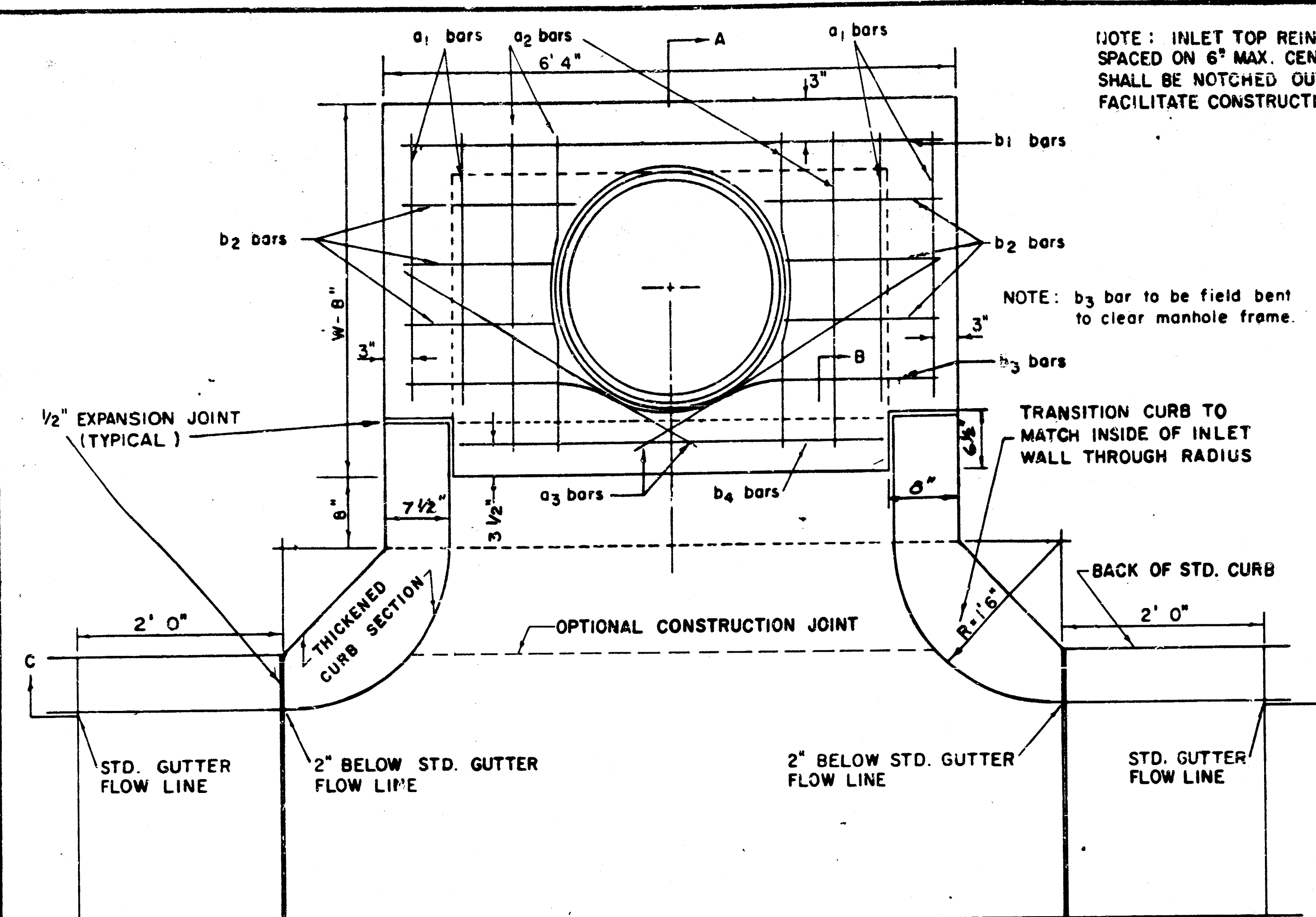


WILDERNESS COURT



5 10 15 20 25 30 35 40 45





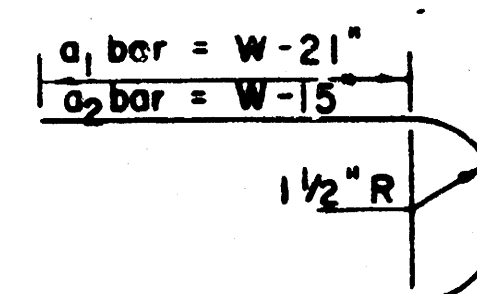
NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

STEEL SCHEDULE

BAR	a ₁	a ₂	a ₃	b ₁	b ₂	b ₃	b ₄	WT. LBS.
NUMBER	4	4	2	1	3	7	9	60±
SIZE	#4	#4	#4	#4	#4	#4	#4	
W=4'4"	5'7"	6'7"	4'0"	6'1"	-	-	-	81±
W=5'4"	7'7"	8'7"	5'0"	6'1"	-	-	-	101±
W=6'4"	9'7"	10'7"	6'0"	6'1"	-	-	-	121±
W=7'4"	11'7"	12'7"	7'0"	6'1"	-	-	-	141±
W=8'4"	13'7"	14'7"	8'0"	6'1"	-	-	-	

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

BENDING DIAGRAM

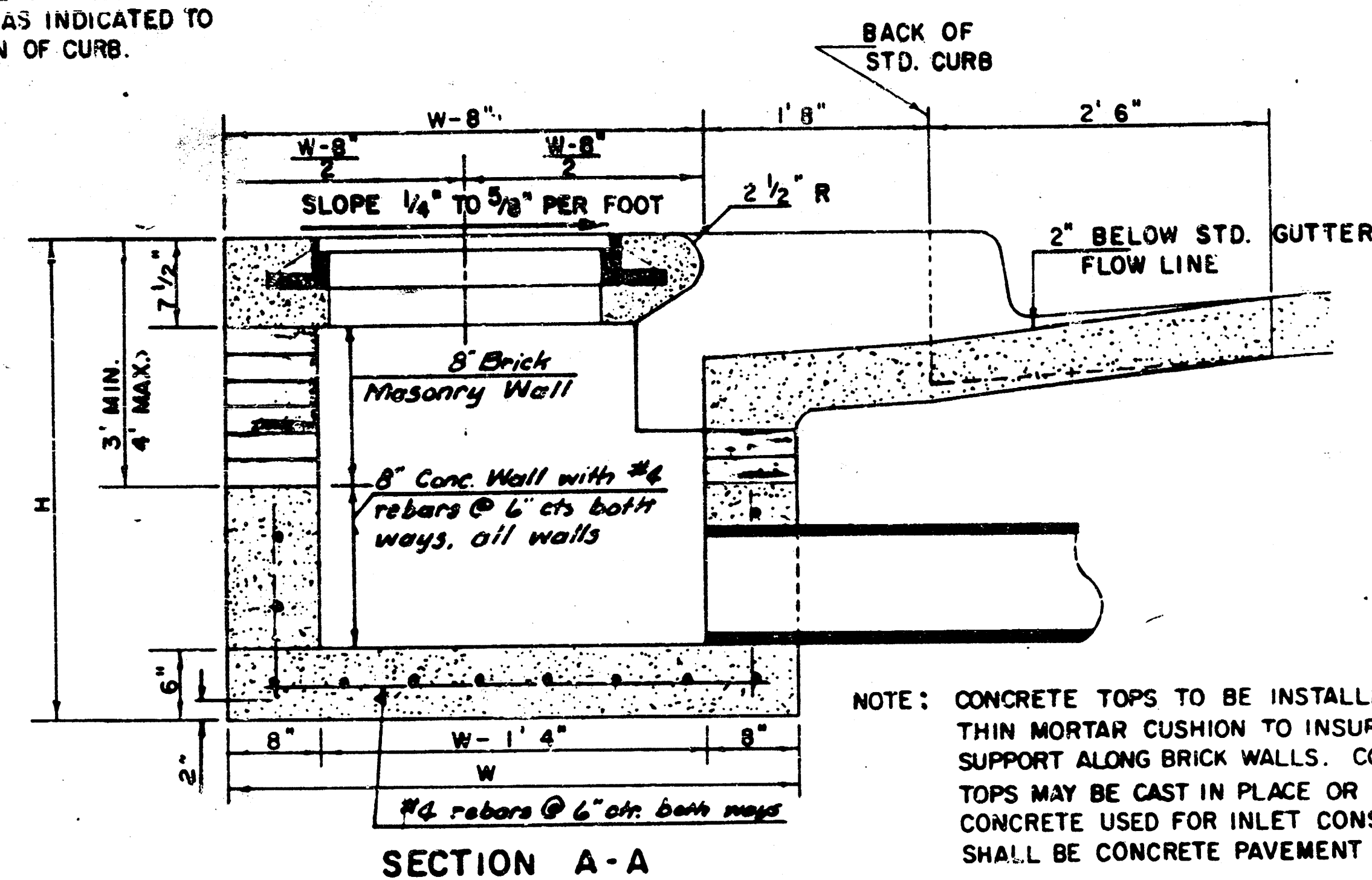


W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 4"	5'8" x 6'4" x 7 1/2"	21" B 5	0.38 ±
5' 4"	6'8" x 6'4" x 7 1/2"	24" B 30	0.51 ±
6' 4"	7'8" x 6'4" x 7 1/2"	36" B 42	0.64 ±
7' 4"	8'8" x 6'4" x 7 1/2"	48" B 54	0.77 ±
8' 4"	9'8" x 6'4" x 7 1/2"	60" B 66	0.90 ±

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

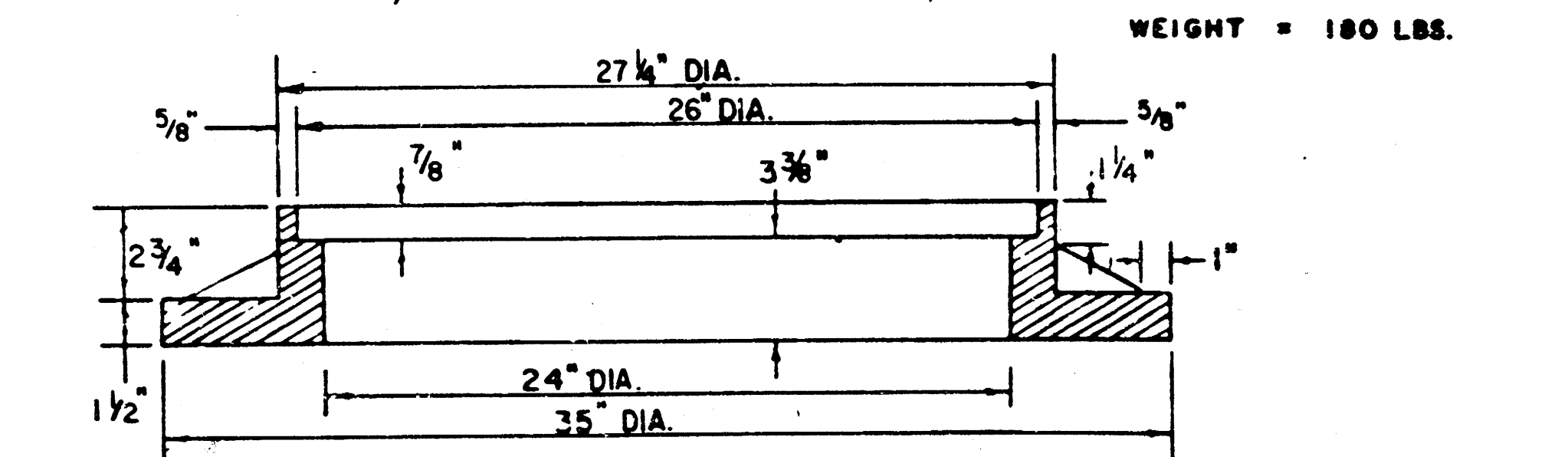
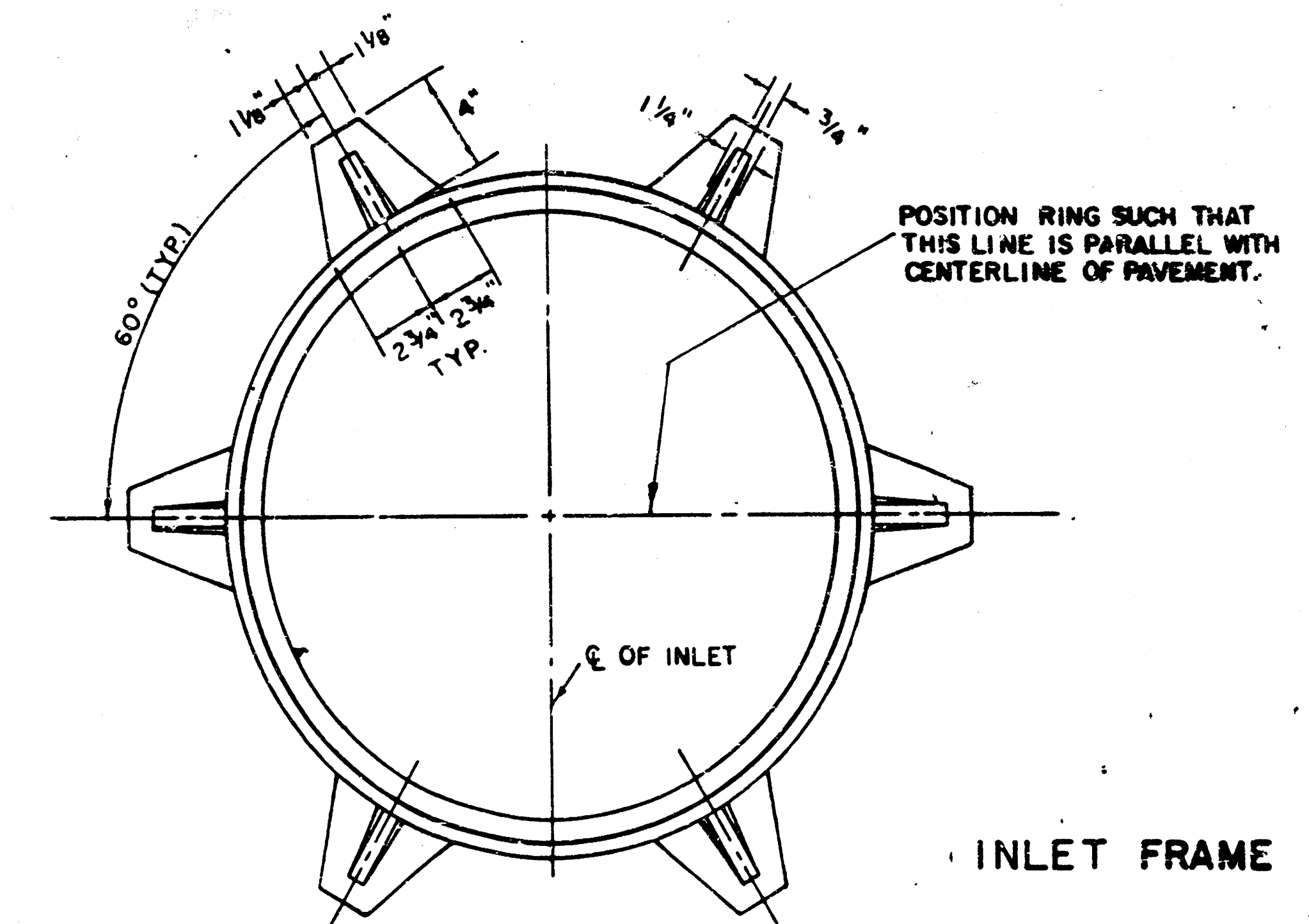


NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W = 6'4" AND H = 7'0" OR LESS.

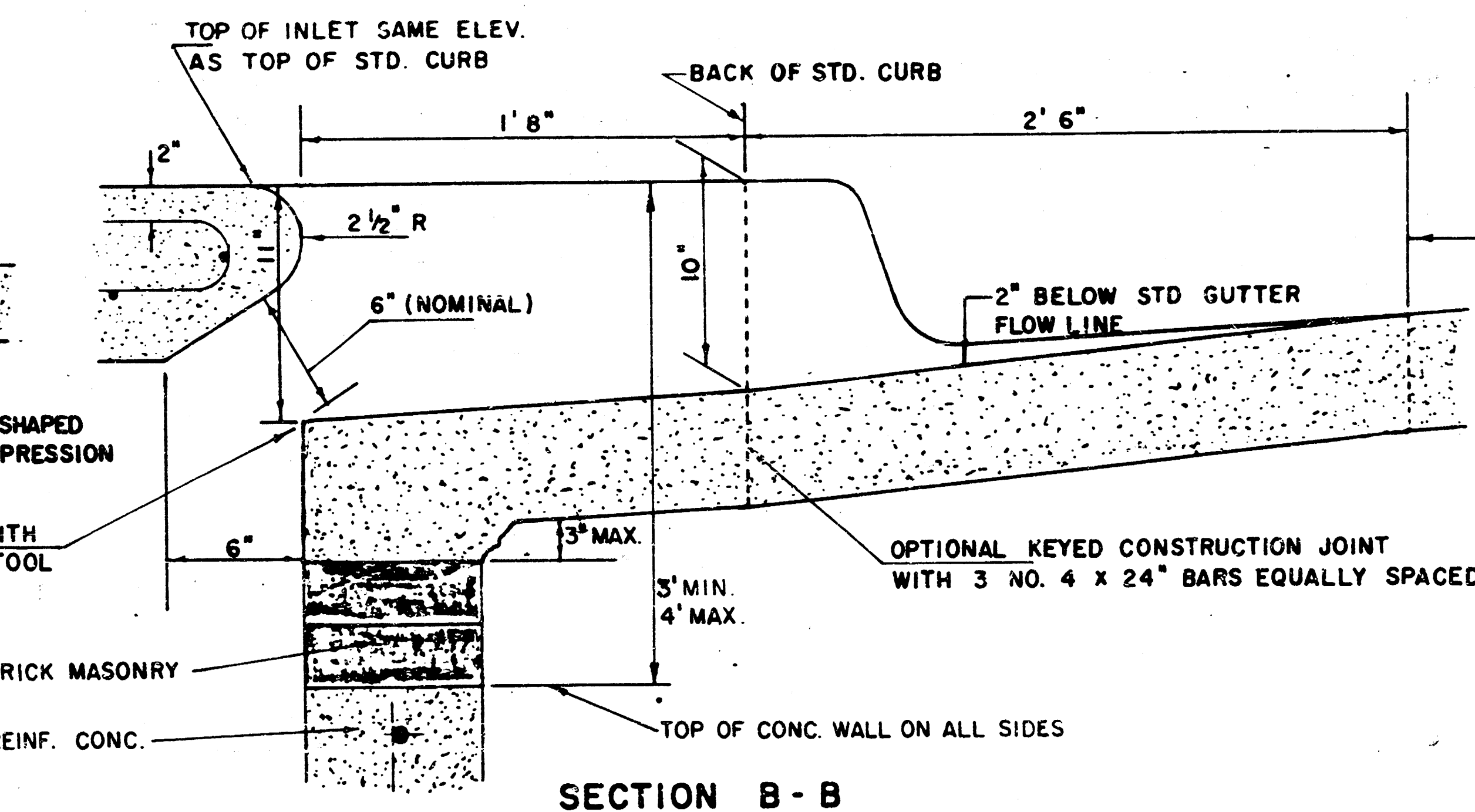
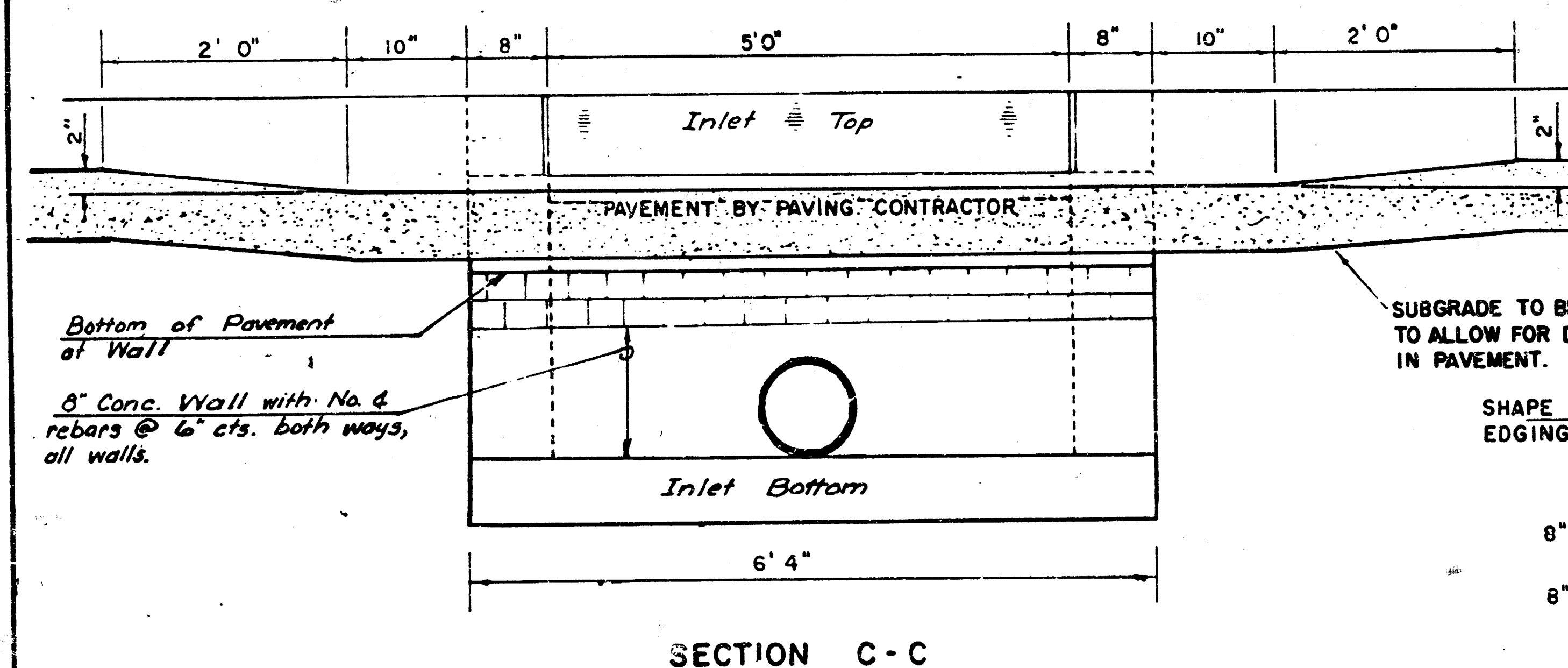
ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOOKUP.

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.

THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.



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



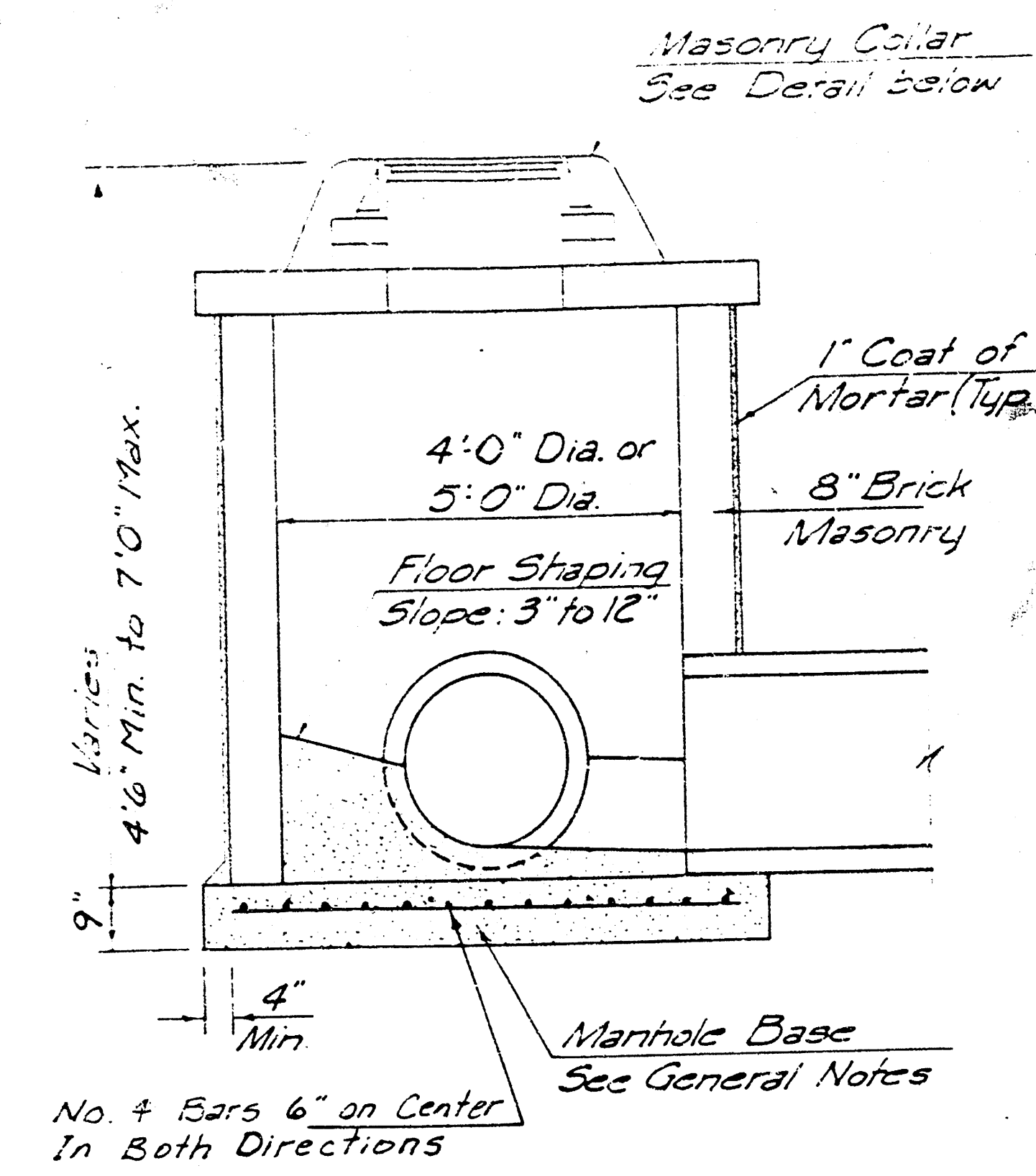
LIMITS OF GUTTER SHAPING AND/OR EDGE OF COMB. CURB AND GUTTER

REVISED 12-21-1984

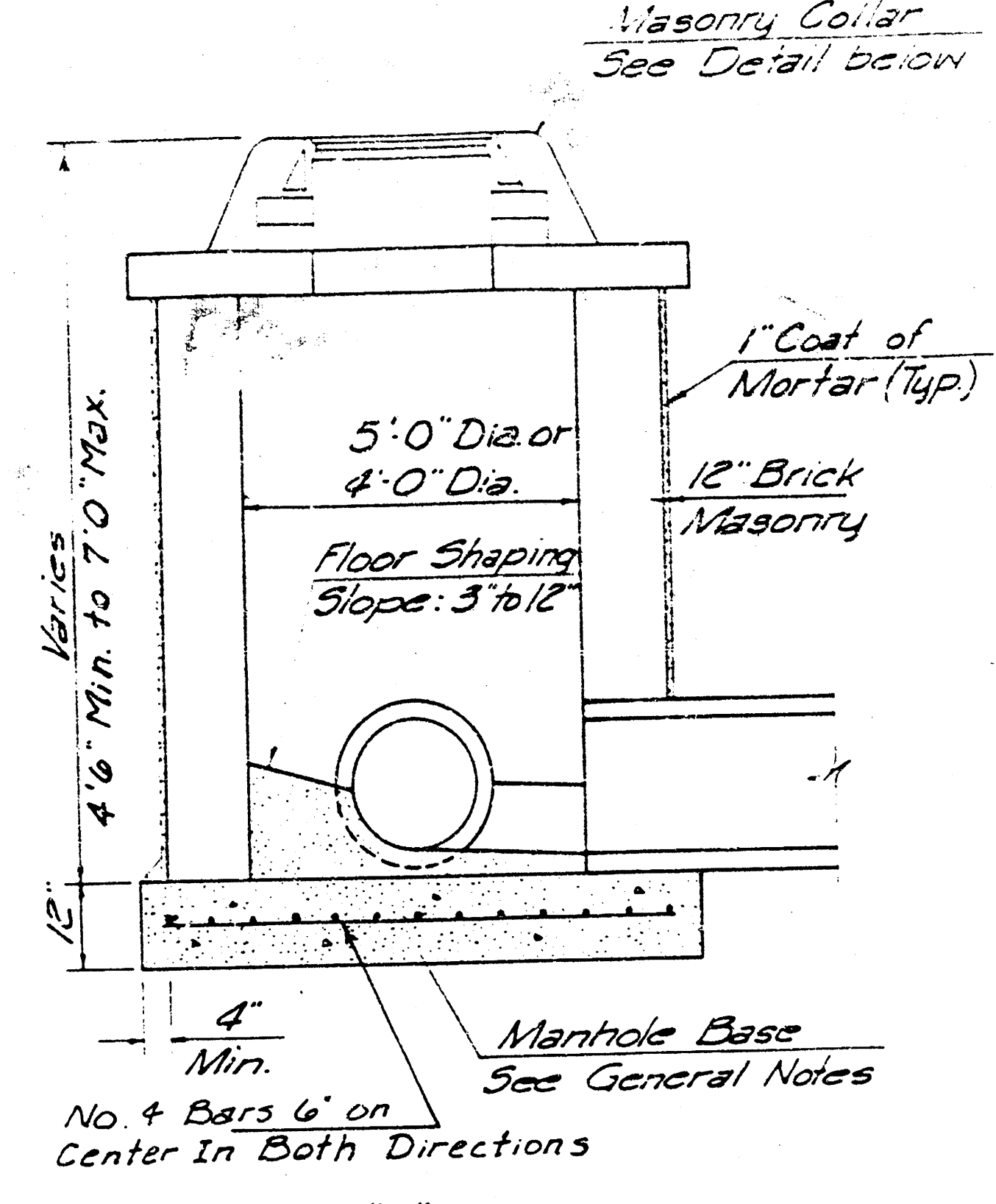
DETAIL STANDARD TYPE IA CURB INLET
CITY OF WICHITA, KANSAS
INLET OPENING = 6" x 5' 0"

JUNE 1984

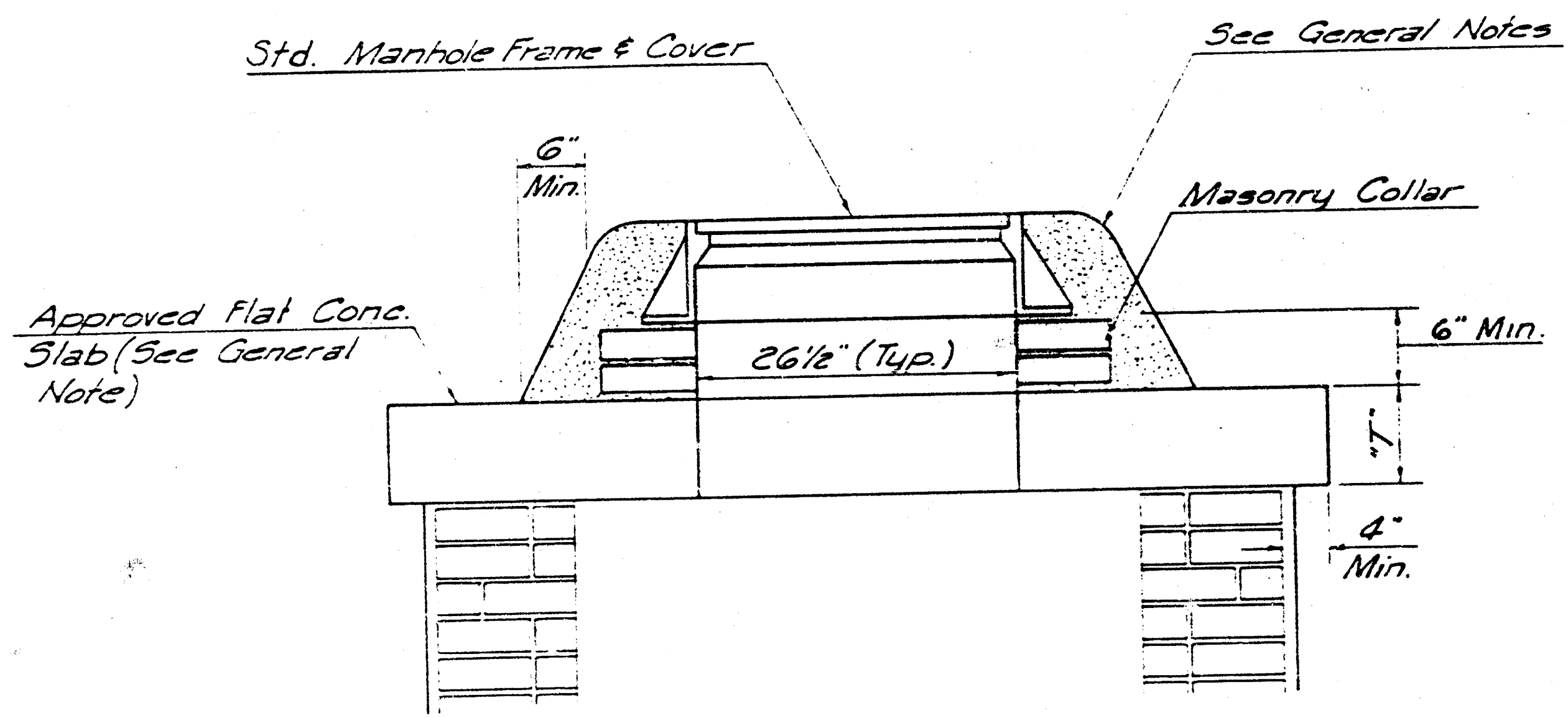
10/12



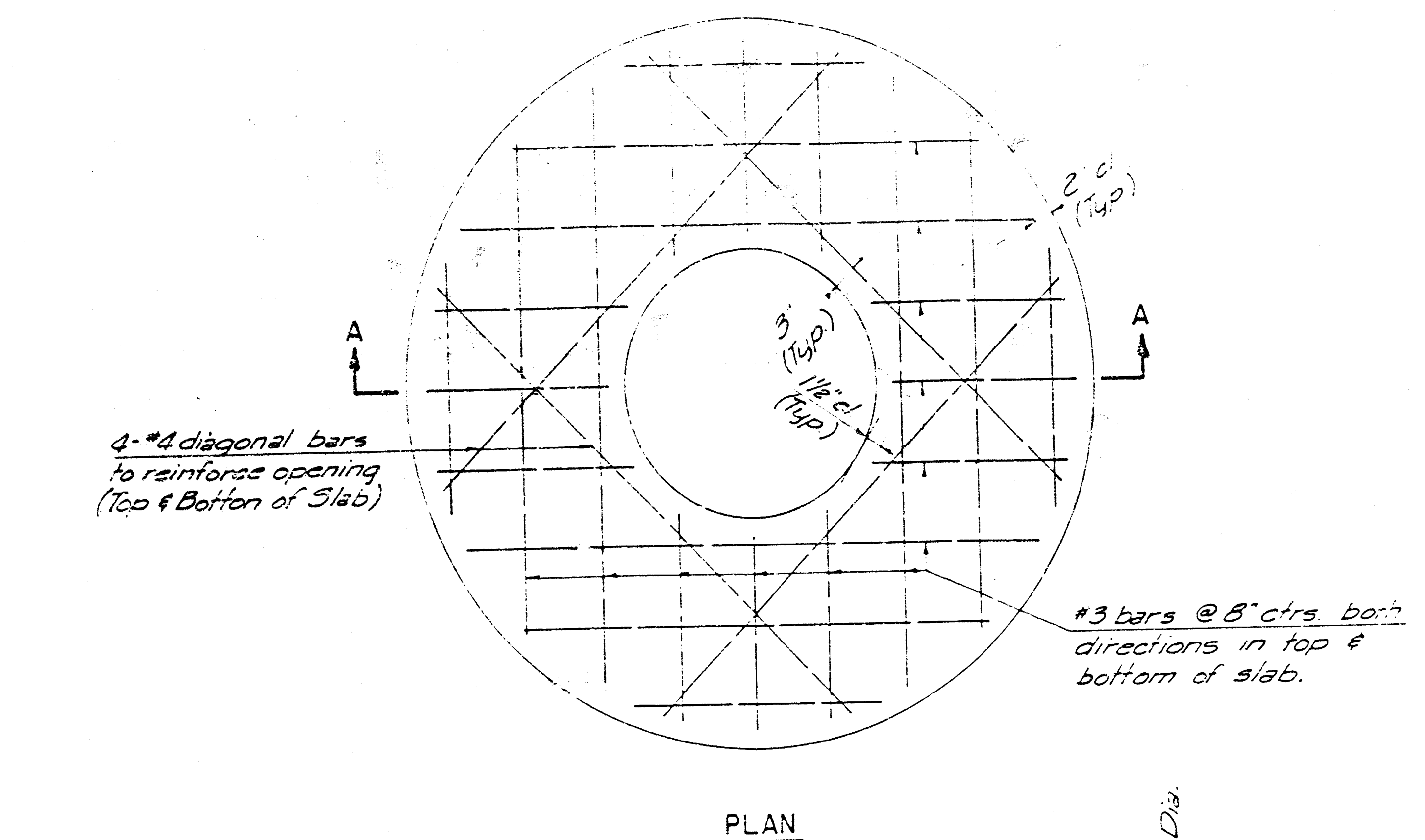
SHALLOW TYPE "A" MANHOLE



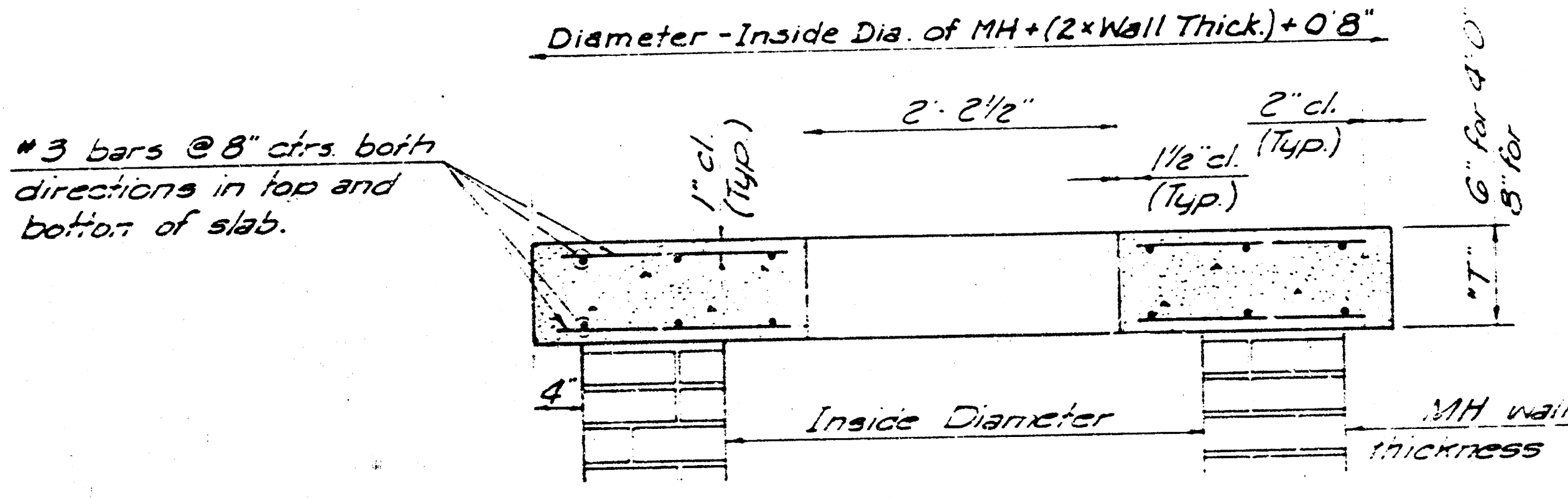
SHALLOW TYPE "B" MANHOLE



MASONRY COLLAR DETAIL

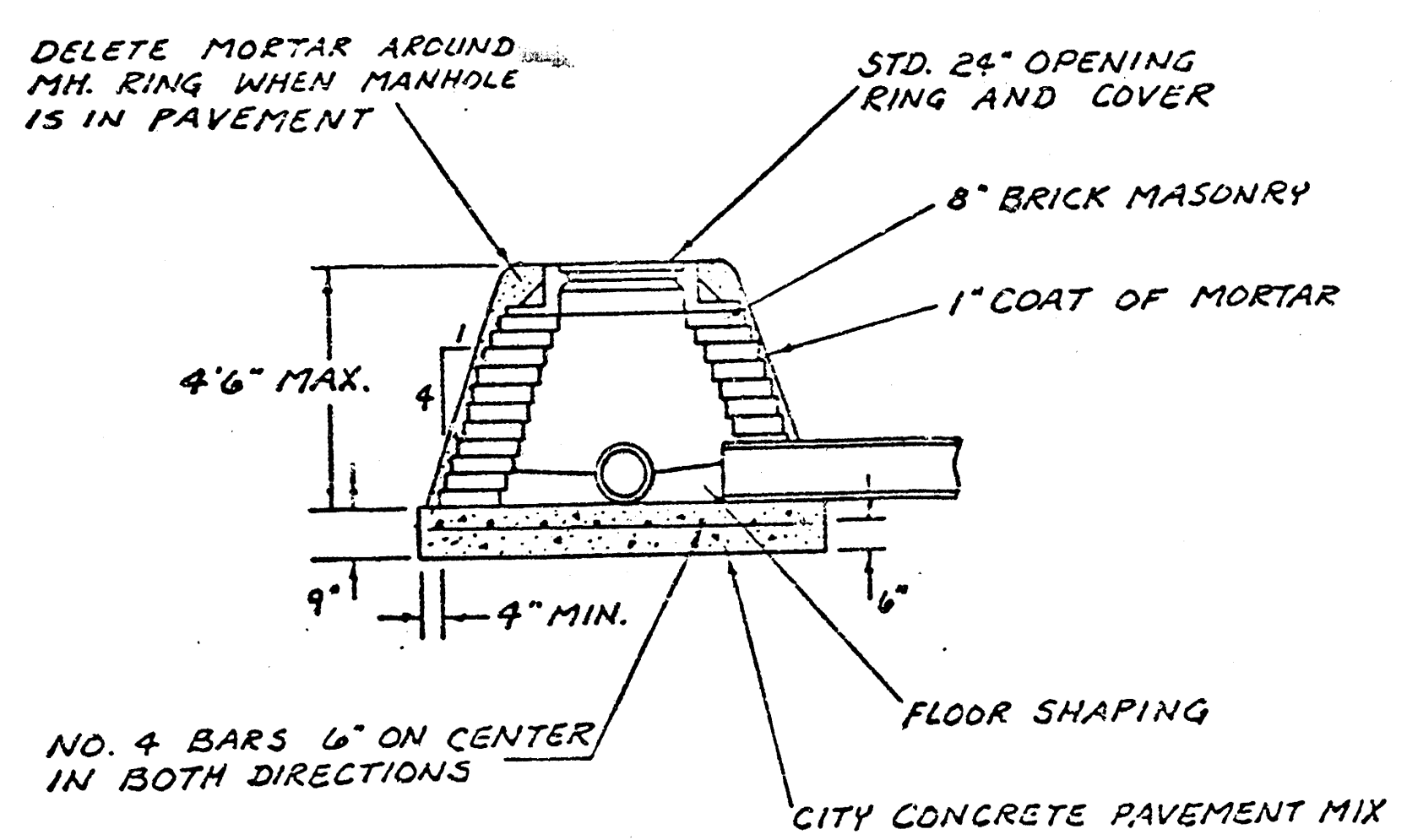


PLAN

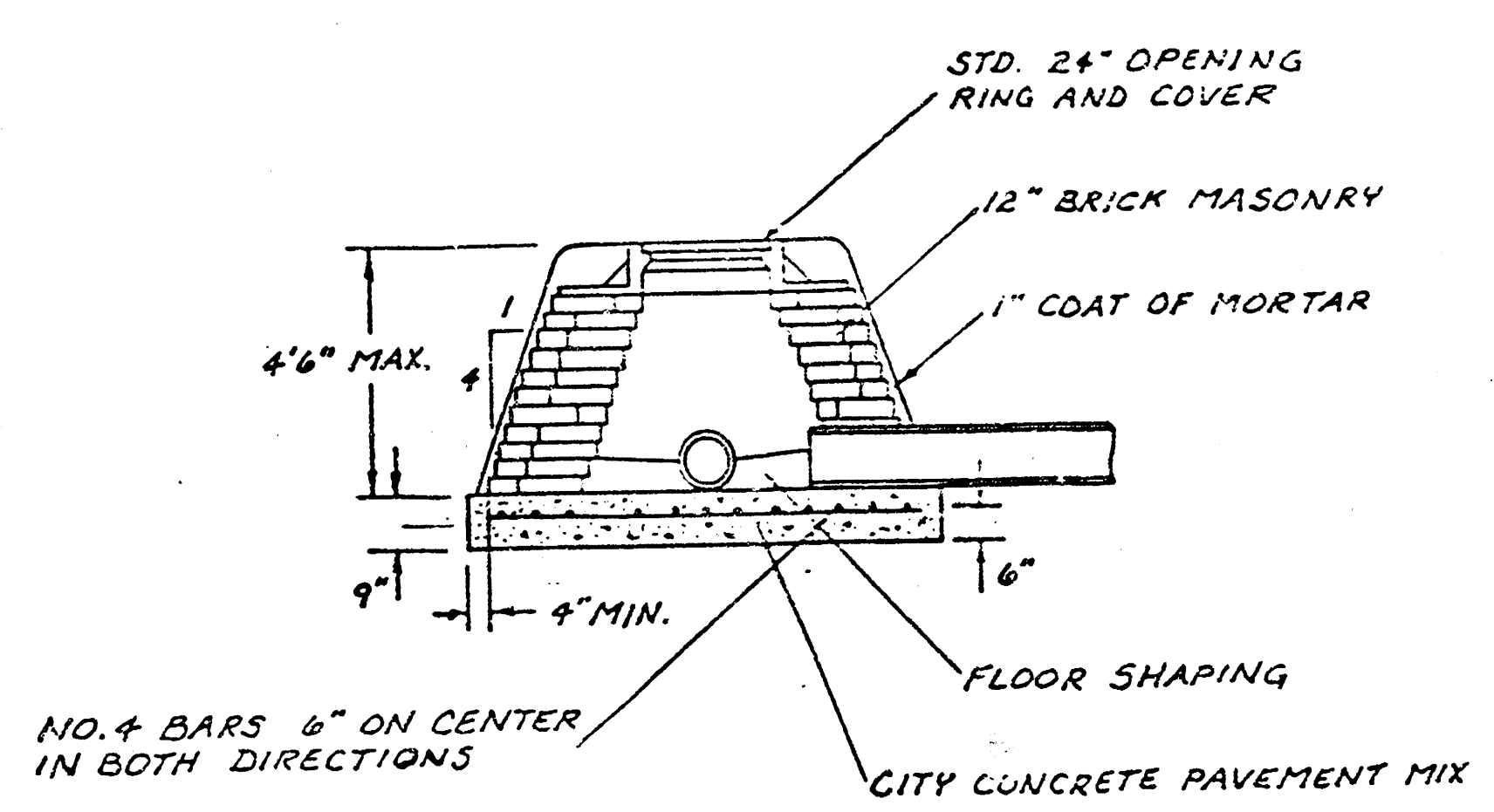


SECTION A-A

FLAT CONCRETE SLAB DETAILS



SPECIAL SHALLOW TYPE "A" MANHOLE



SPECIAL SHALLOW TYPE "B" MANHOLE

GENERAL NOTES

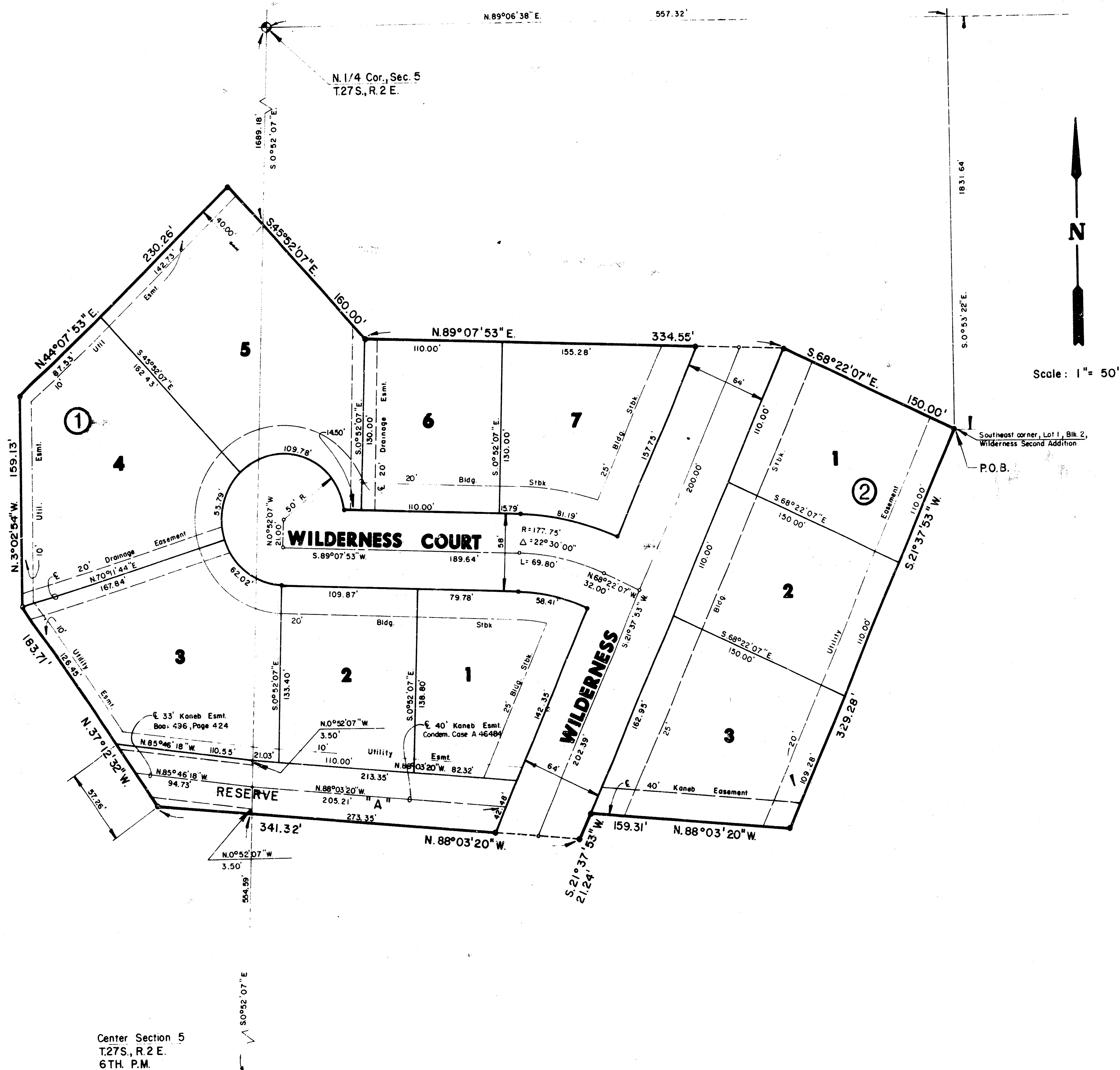
1. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE CEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. TYPE "A" SHALLOW MANHOLES CAN BE USED ON SEWERS WHEN THE MANHOLE IS NOT LOCATED WITHIN PUBLIC STREET PAVEMENT. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE SMALLER THAN 24" SHALL HAVE AN INSIDE DIAMETER OF 4". MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE 24" OR LARGER SHALL HAVE AN INSIDE DIAMETER OF 5". COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
2. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED 6" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
3. THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE DRAWINGS. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO REAT LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.
4. PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRADLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MANHOLE. THE CRADLE SHALL BE TERMINATED AT THE CLAY PIPE JOINT IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRADLE WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
5. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWINGS.
6. THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
7. STANDARD SHALLOW MANHOLES TYPE "A" AND "B" SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH FOR THE TYPE AND DIAMETER INDICATED. STANDARD SPECIAL SHALLOW MANHOLES TYPE "A" AND "B" SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH FOR THE TYPE INDICATED. ALL STANDARD SHALLOW MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.

CITY OF WICHITA, KANSAS
STANDARD SHALLOW MANHOLES
TYPE 'A' AND TYPE 'B'

			11 12
Designed by		Checked by	
Drawn by		Date	Job No.

FINAL PLAT OF WILDERNESS THIRD ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



I, Kenneth H. Bengtson, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "WILDERNESS THIRD" an addition to Wichita, Sedgwick County, Kansas, into lots, blocks, a Reserve, and Streets, the same being accurately set forth in the accompanying plat and described herein:

A tract of land lying in the Northeast Quarter and the Northwest Quarter of Section 5, Township 27 South, Range 2 East of the 6th P.M., more particularly described as follows:

Beginning at the Southeast corner of Lot 1, Block 2, Wilderness Second Addition, an addition to Wichita, Sedgwick County, Kansas, said point being N 89° 06' 38" E, 557.32 feet along the North line of said Northeast Quarter and S 0° 53' 22" E, 1831.64 feet from the Northwest corner of said Northeast Quarter; thence S 21° 37' 53" W, 329.28 feet; thence N 89° 03' 20" W, 159.31 feet; thence S 21° 37' 53" W, 21.24 feet; thence N 88° 03' 20" W, 341.32 feet; thence N 44° 07' 53" E, 230.26 feet to the Southwesterly corner of Reserve G, Wilderness, an addition to Wichita, Sedgwick County, Kansas; thence S 45° 52' 07" E, 160.00 feet along the Southwesterly line of said Reserve G; thence N 89° 07' 53" E, 334.55 feet along the South line of said Wilderness Addition to the Southwest corner of said Lot 1, Block 2, Wilderness Second Addition; thence S 68° 22' 07" E, 150.00 feet along the South line of said Lot 1, Block 2 to the point of beginning.

Drainage and utility easements within the above described property are being vacated by virtue of KSA 12-512(b).

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 24th day of JULY, 1986.

Kenneth H. Bengtson
Kenneth H. Bengtson, P.E.
Mid-Kansas Engineering Consultants, P.A.
3500 N. Rock Road, Building #800



Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineers Certificate, have caused the same to be surveyed and platted into lots, blocks, streets and a reserve, the same to be known as "WILDERNESS THIRD ADDITION" an addition to Wichita, Sedgwick County, Kansas. The streets are hereby dedicated to and for the use of the public. Easements for the construction and maintenance of public utilities and drainage are hereby granted as indicated. The reserve is being platted for construction and maintenance of public utilities, landscaping, irrigation, car paths, recreation buffer zones, open space, and drainage. The Reserve shall be owned and maintained by the Homeowners Association.

SLAWSON INVESTMENT CORPORATION

By: Larry A. Chambers
Larry A. Chambers, Vice President

STATE OF KANSAS)
SEDGWICK COUNTY)

Be it remembered that on this 24th day of July, 1986, before me a Notary Public in and for said State and County, came Slawson Investment Corporation, by Larry A. Chambers, Vice President, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

Linda S. Graham, Notary Public
My Appointment Expires: 2-9-90

We, Mellon Bank, N.A., Pittsburgh, Pennsylvania, mortgagee on the above described property, do hereby consent to the plat of "WILDERNESS THIRD".

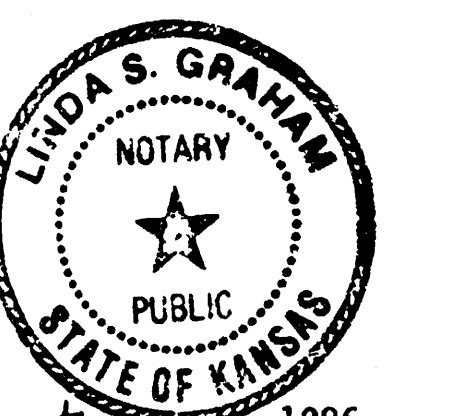
MELLON BANK, N.A., Pittsburgh, Pennsylvania

By: _____

STATE OF KANSAS) ss:
SEDGWICK COUNTY)

Be it remembered that on this 24th day of August, 1986, before me a Notary Public in and for said State and County, came Mellon Bank, N.A., Pittsburgh, Pennsylvania, by Paul J. Brown, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

Linda S. Graham, Notary Public
My Appointment Expires: 2-9-90



This plat of "WILDERNESS THIRD" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 10th day of July, 1986.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

David Bayouth, Vice-Chairman

Michael E. Lindback, Secretary

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this 29th day of July, 1986.

Tony Casado, Mayor

Donald C. Gistick, City Clerk

Entered on transfer record this _____ day of _____, 1986.

Don Wright, County Clerk

STATE OF KANSAS)
SEDGWICK COUNTY)

This is to certify that this instrument was filed for record in the Register of Deeds office this _____ day of _____, 1986.

Pat Kettler, Register of Deeds

Ed Resa, Deputy