

PAVING PLANS FOR

# PRIVATE STREETS IN WILLOWBEND FIRST ADDITION

**MULBERRY DRIVE:** FROM THE EAST LINE OF ROCK ROAD TO THE SOUTH LINE OF LOT 91 BLK. 3 MULBERRY EAST SECOND ADD.

**TARA CIRCLE:** FROM INC. CUL-DE-SAC TO SOUTH LINE MULBERRY DRIVE

**MULBERRY COURT:** FROM THE NORTH LINE OF MULBERRY DRIVE TO INC. CUL-DE-SAC

**PLUM TREE & IRONWOOD:** FROM THE SOUTH LINE OF MULBERRY DRIVE TO SOUTH LINE MULBERRY DRIVE

**IRON WOOD COURT:** SERVES LOT 12 THROUGH 16 BLOCK 3 MULBERRY EAST ADD.

**PROJECT NO.**  
**448-76-245-80001-000-000-131**

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

### GENERAL NOTES

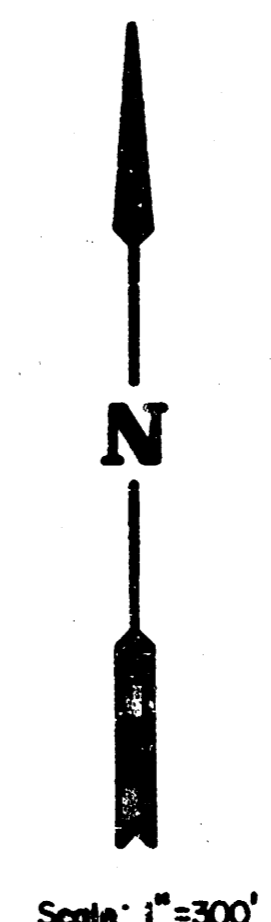
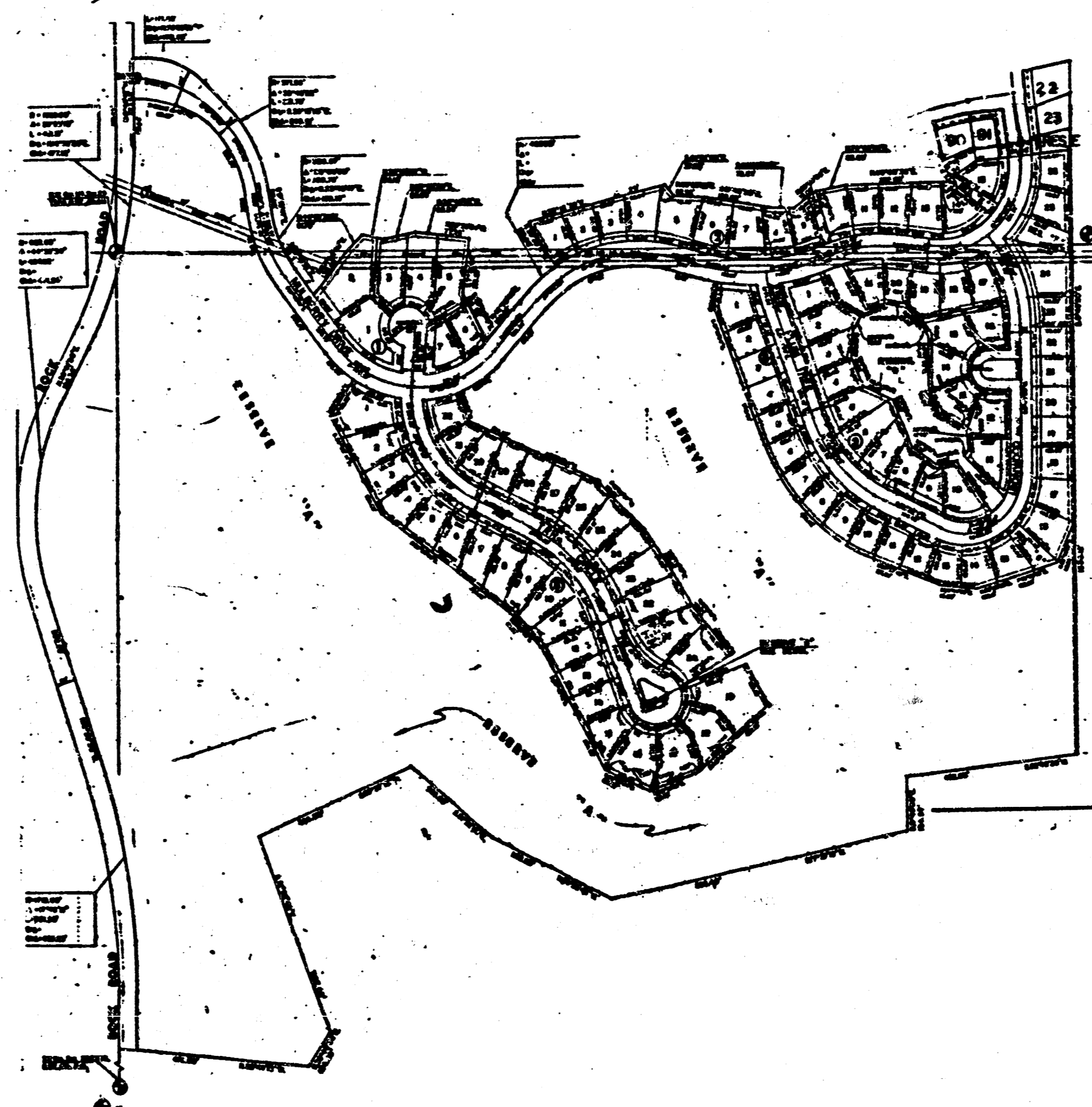
- CURB AND GUTTER WITH WIDENED GUTTER TO BE PAID AS COMBINED CURB AND GUTTER.
- ALL DRAINAGE STRUCTURES "BY OTHERS".
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.
- PAVING CONTRACTOR TO COORDINATE WORK WITH STORM SEWER AND SANITARY SEWER CONTRACTORS AND TO CONTACT UTILITY COMPANIES FOR LOCATION OF ANY UNDERGROUND LINES.
- TRANSITION CURB FROM FULL HEIGHT COMBINATION CURB AND GUTTER TO ROLL TYPE COMBINATION CURB AND GUTTER IS TO BE PAID AS BID FOR LINEAL FEET COMBINED CURB AND GUTTER (3 5/8" ROLL).
- ALL WORK TO BE DONE ACCORDING TO CITY OF WICHITA SPECIFICATIONS.
- ALL TREES & FENCES WITHIN RIGHT-OF-WAY SHALL BE REMOVED COST SUBSIDIARY TO C.T. EXCAVATION.

NOTE: NOTIFY THE FOLLOWING COMPANIES PRIOR TO ANY EXCAVATION:

ARKLA GAS COMPANY	942-8350
BELL TELEPHONE	1-316-571-2115
CABLEVISION	282-0661
KPL GAS SERVICE	283-7511
KANSAS GAS & ELECTRIC	261-6248
KANSAS ONE-CALL	1-800-344-7233
CITIES SERVICE	524-0451
KANSAS GAS SUPPLY	316-254-7243
CONTINENTAL PIPELINE COMPANY	316-681-2081
CO-OP REFINERY PIPELINE	1-316-221-2107

### BENCH MARKS

- B.M. #1: "CP" CUT ON NW CORNER RCB, 16' N AND 35' W OF CENTER SECTION 29-26-2E.  
ELEV. = 706.18
- B.M. #2: "CP" CUT ON NW CORNER RCB ± 900' S OF CENTER SECTION 29-26-2E.  
ELEV. = 211.80
- B.M. #3: CITY STANDARD 44' S & 48' W OF CENTERLINE OF 37TH & ROCK ROAD.  
ELEV. = 204.11
- B.M. #4: CITY STANDARD 32' S & 11' E OF S QUARTER CORNER SECTION 29-26-2E.  
ELEV. = 226.64



Scale: 1"=300'

### INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-7	DETAILS
8-13	MULBERRY DRIVE
14-15	TARA CIRCLE
16	MULBERRY COURT
17-20	PLUM TREE & IRONWOOD IRONWOOD COURT
21-34	CROSS SECTIONS
35-36	FINAL PLAT

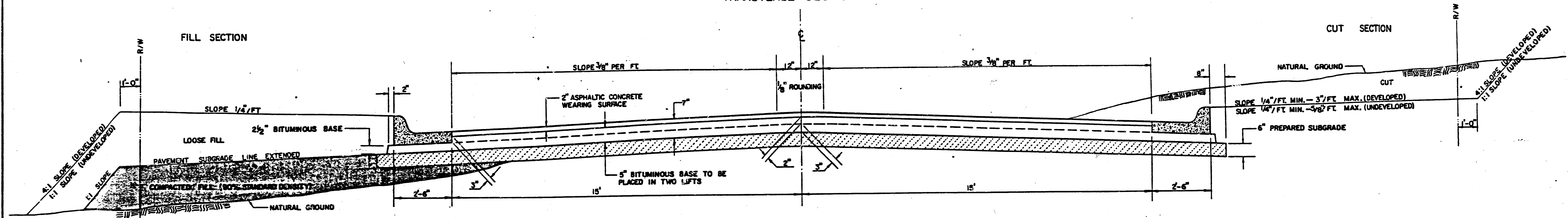
AS BUILT - NOV. 1988

	<b>WILLOWBEND FIRST ADDITION PAVING PLANS</b>		Design
			Drawn by
			Checked by
			Date
		Job no.	
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 1800 WICHITA, KANSAS 67226		682-6561	Sheet <b>1</b> of <b>36</b>

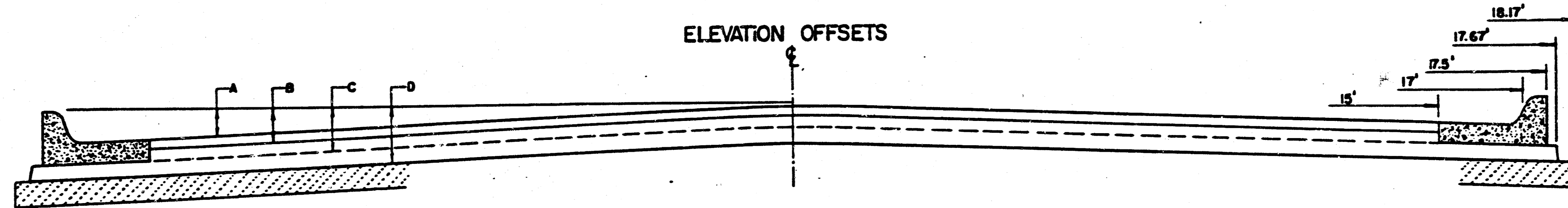
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# TYPICAL 35' PAVEMENT DETAILS

## TRANSVERSE SECTION

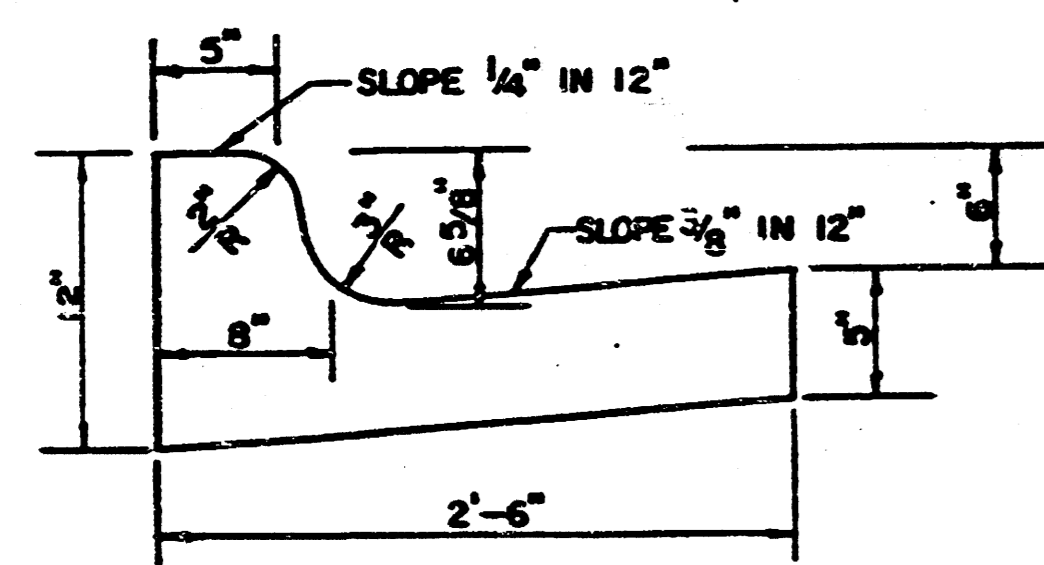


## ELEVATION OFFSETS

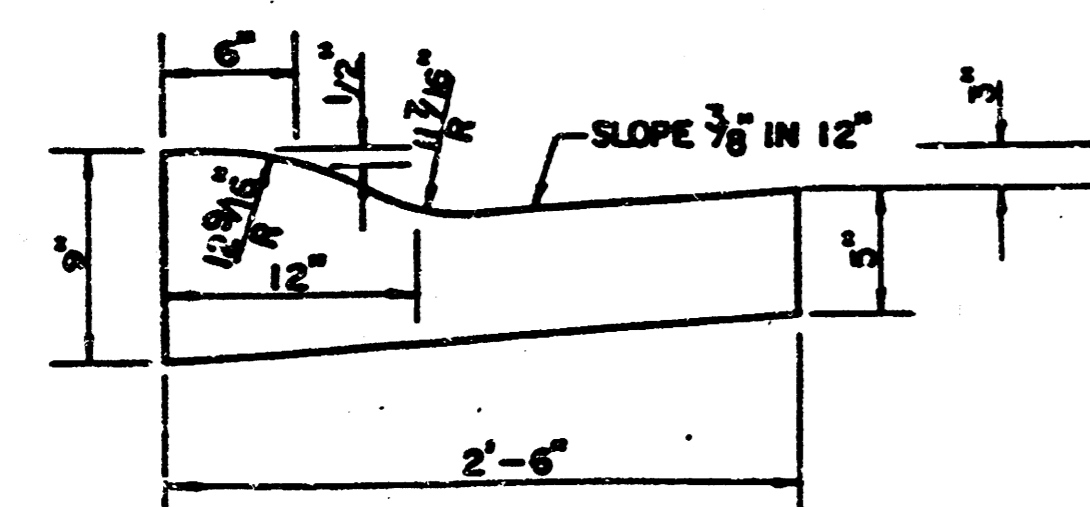


	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	8.5'	10'	12'	14'	15'	17'	17.5'	17.67'	18.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.04	0.08	0.14	0.21	0.29	0.33	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.21	0.25	0.31	0.37	0.45	0.50	0.56	0.62	0.65	—	—	—	—
C: TOP 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

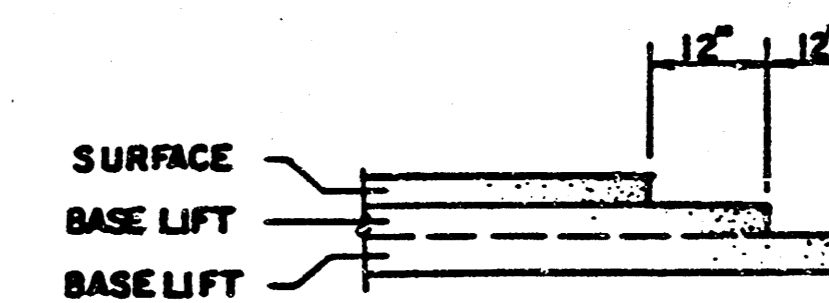
### COMBINED CURB & GUTTER



### ROLL TYPE COMBINED CURB & GUTTER



### 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 2" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

### GENERAL NOTES

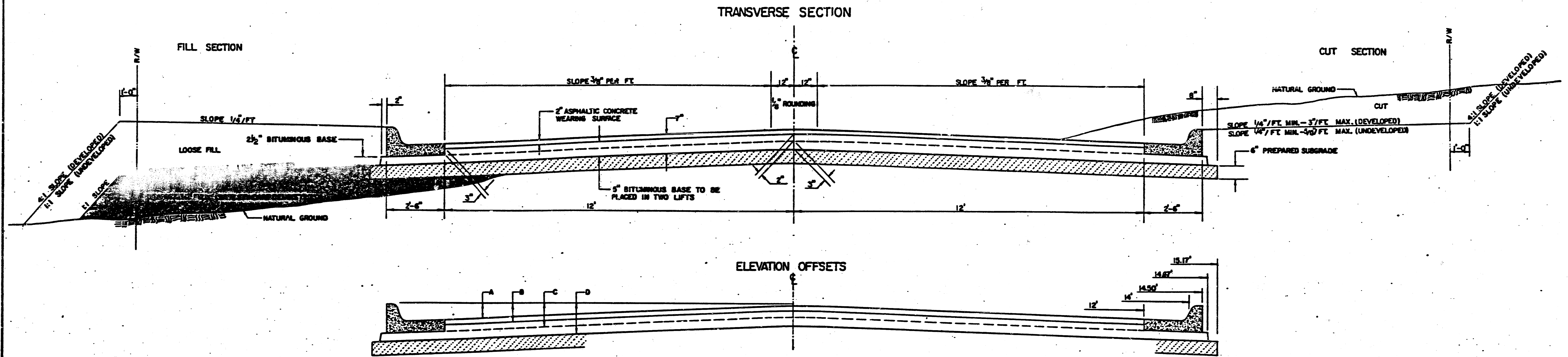
- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED 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 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.

2  
36

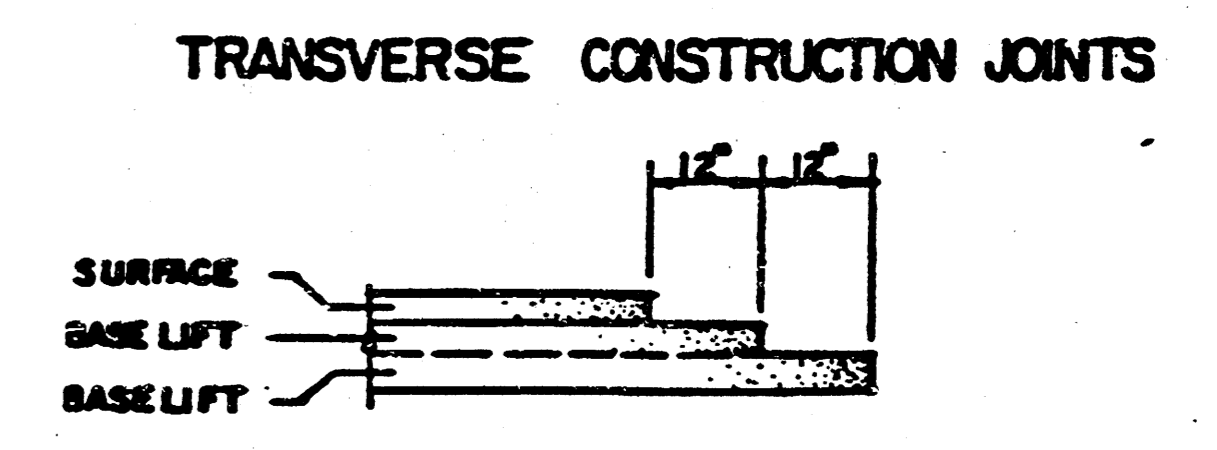
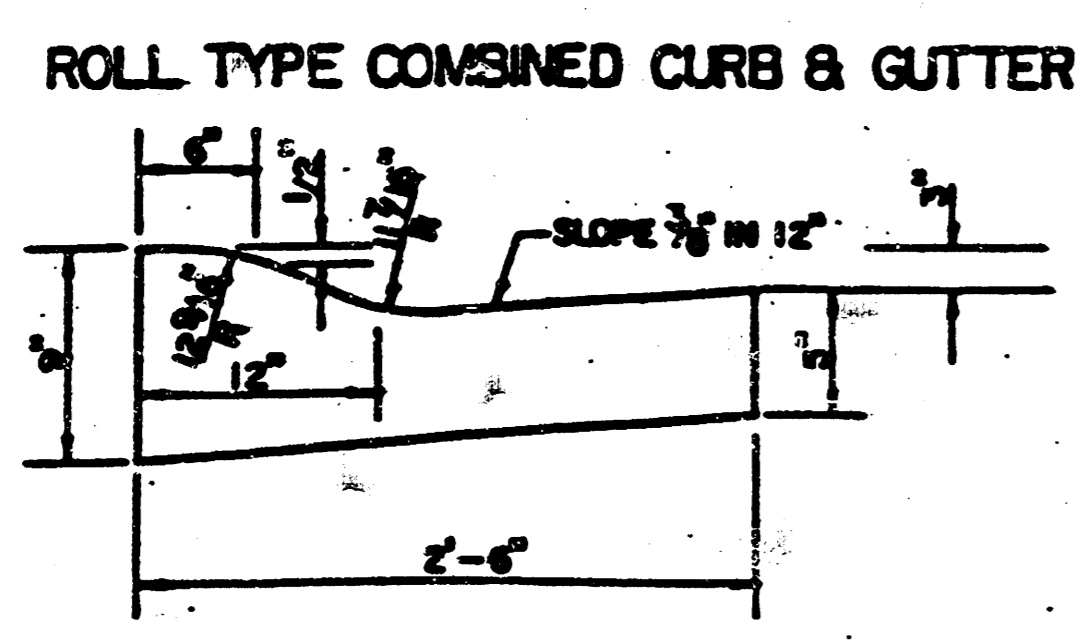
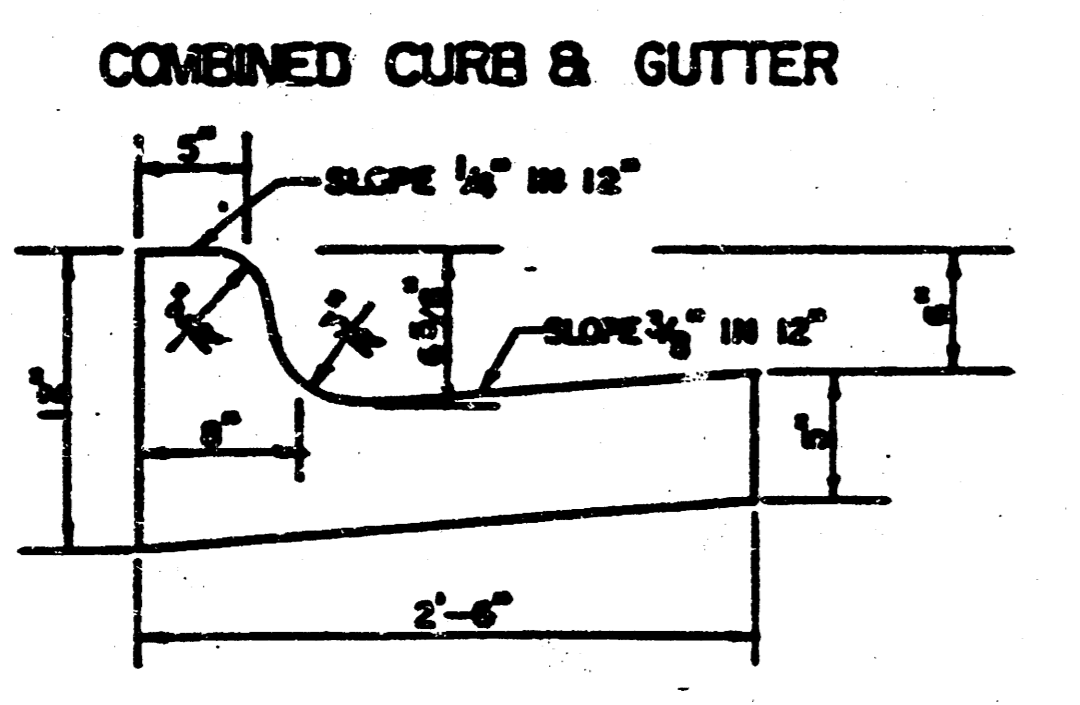
7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE  
CITY OF WICHITA, KANSAS  
PROJECT NUMBER

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# TYPICAL 29' PAVEMENT DETAILS



	DISTANCE FROM CENTERLINE (L.F. & IN)											
	0'	2'	4'	6'	7'	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	0.36	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	0.96	1.05	1.12	1.19	1.21	1.21	1.23



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 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

## 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 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.

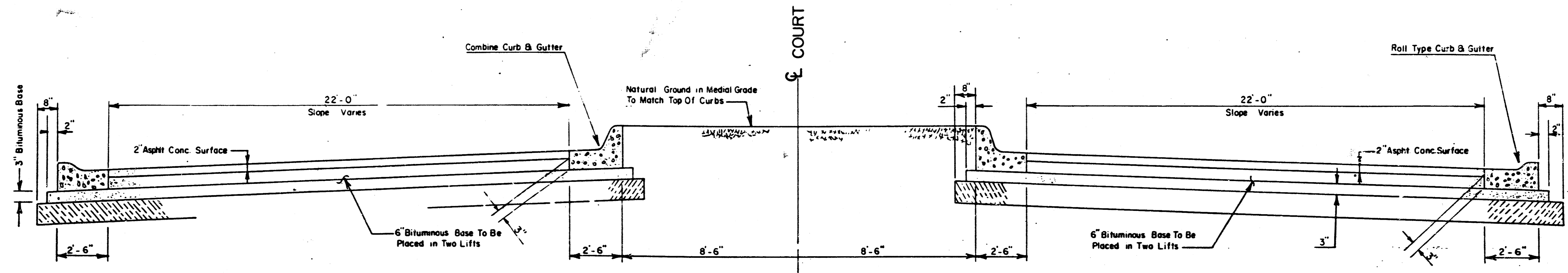
3  
36

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE  
CITY OF WICHITA, KANSAS

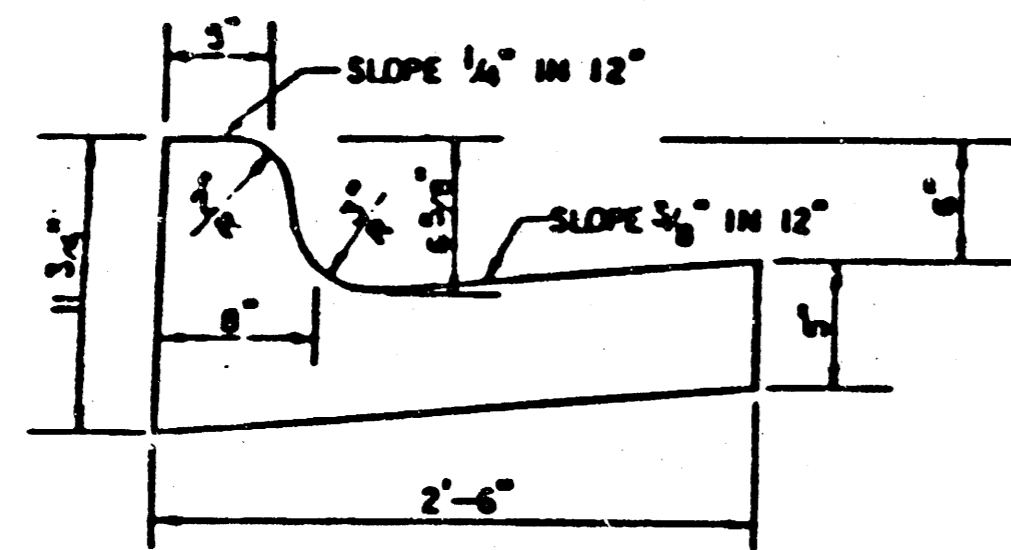
PROJECT NUMBER 3/20

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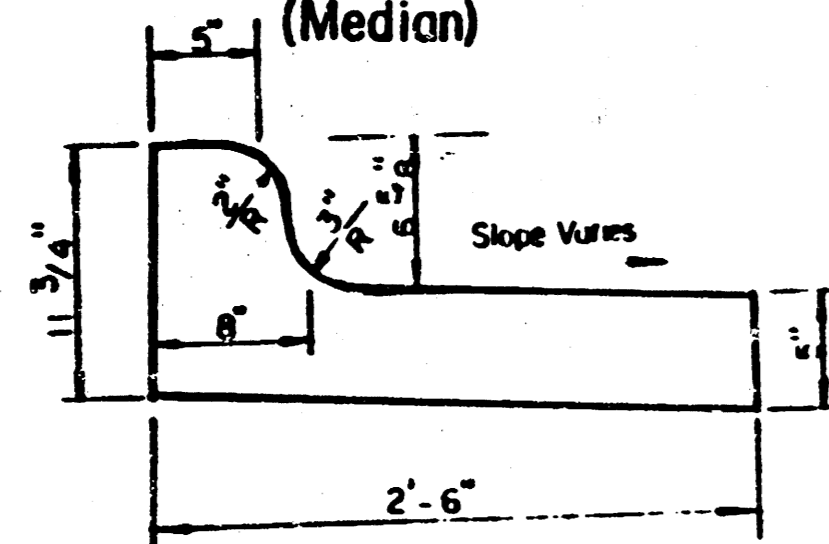
# TYPICAL 27' PAVEMENT DETAILS



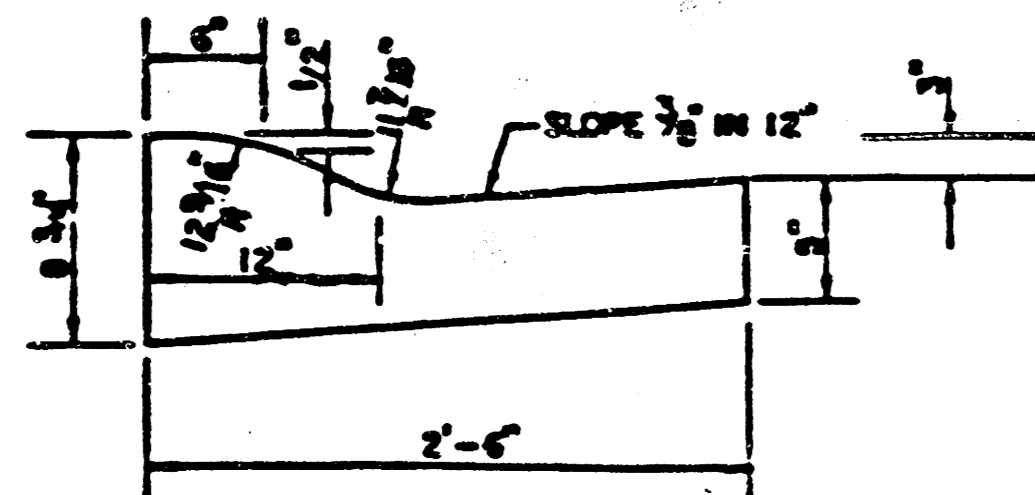
COMBINED CURB & GUTTER



COMBINED CURB & GUTTER  
(Median)



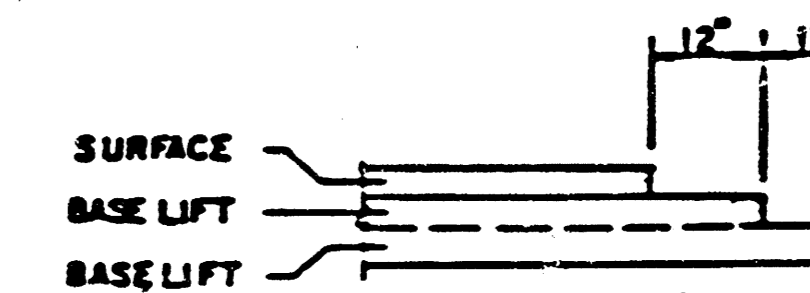
ROLL TYPE COMBINED CURB & GUTTER



## GENERAL NOTES

1. THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).
2. THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 3" 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 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.

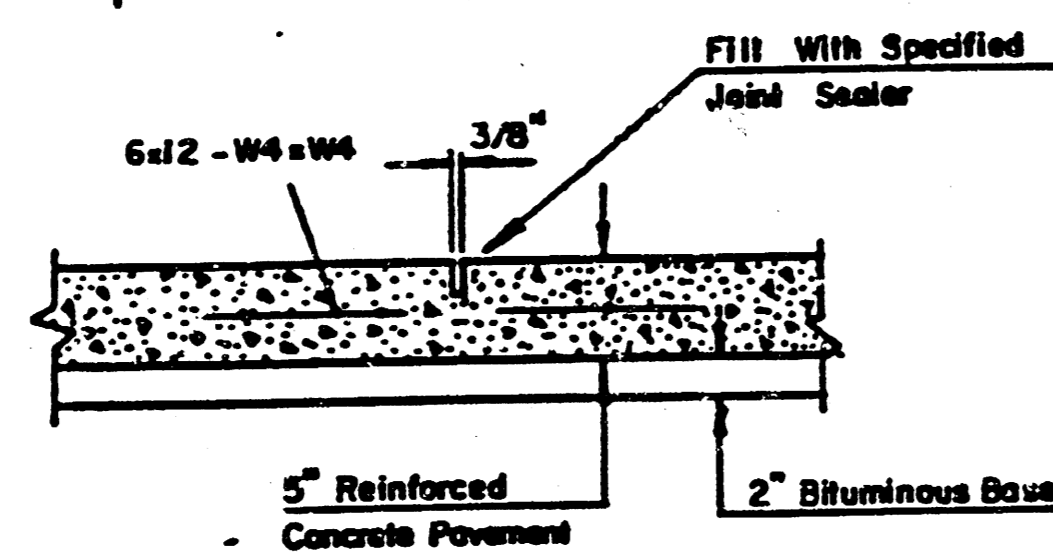
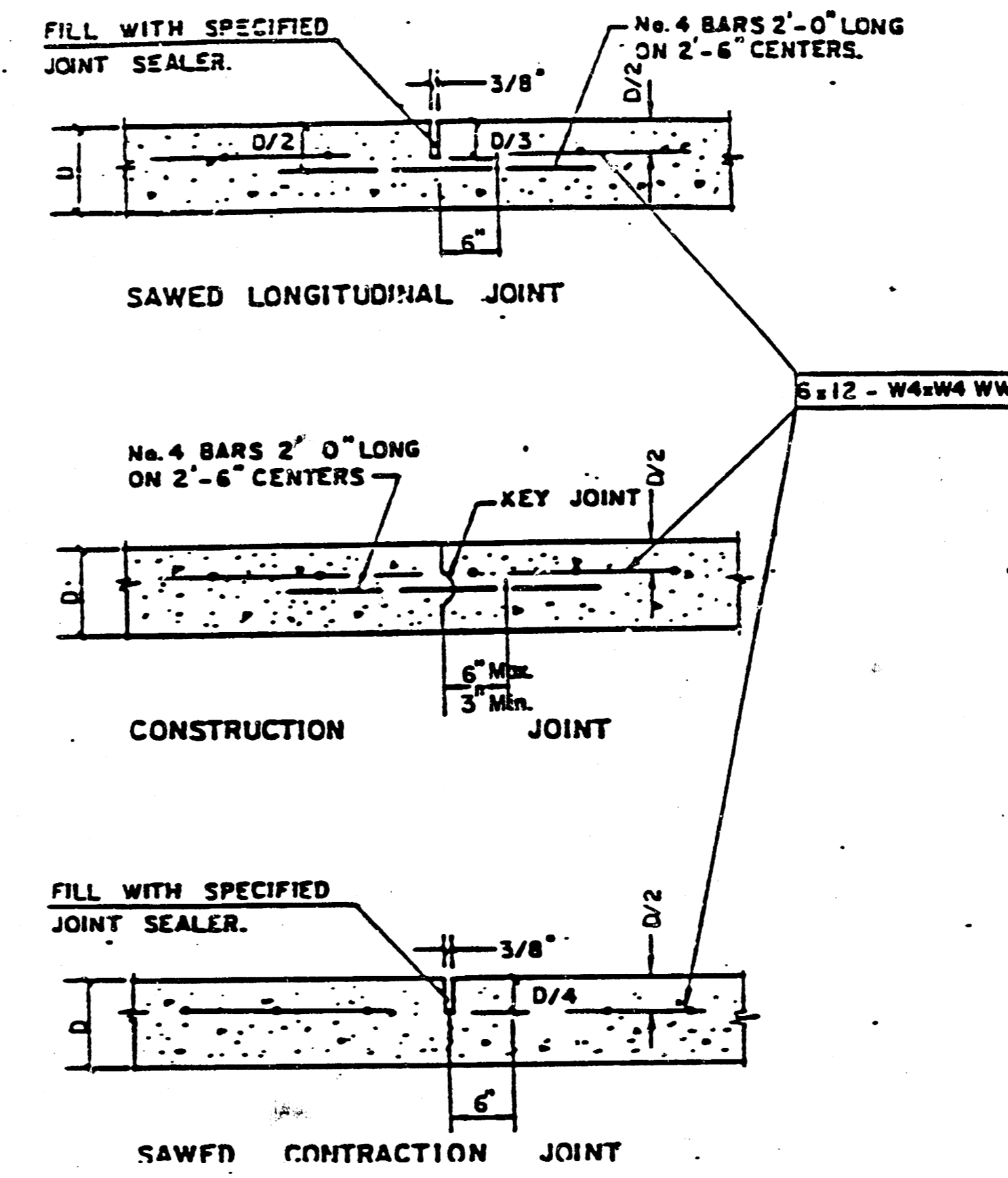
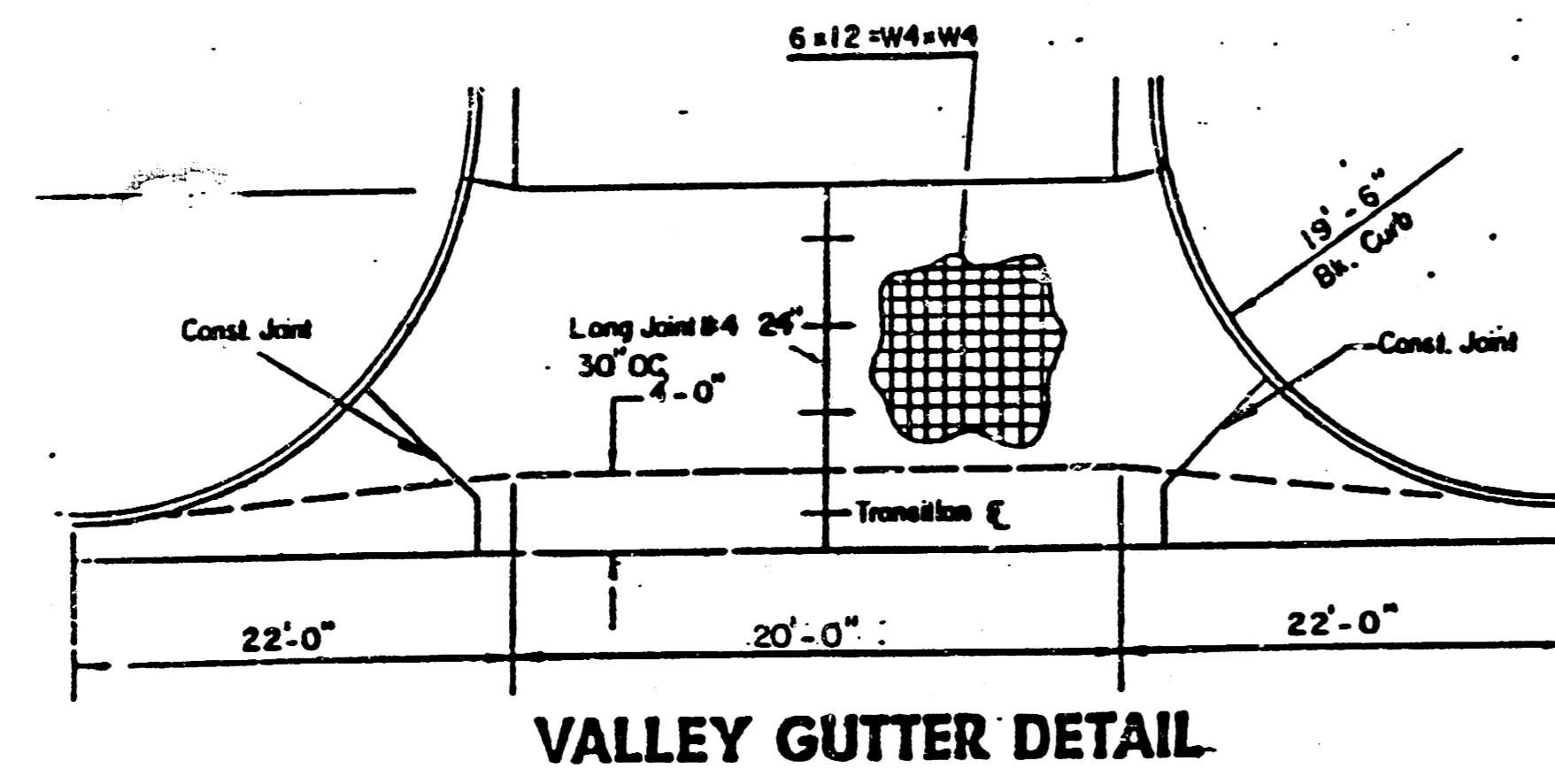
## TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT 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 (6" BITUMINOUS BASE).

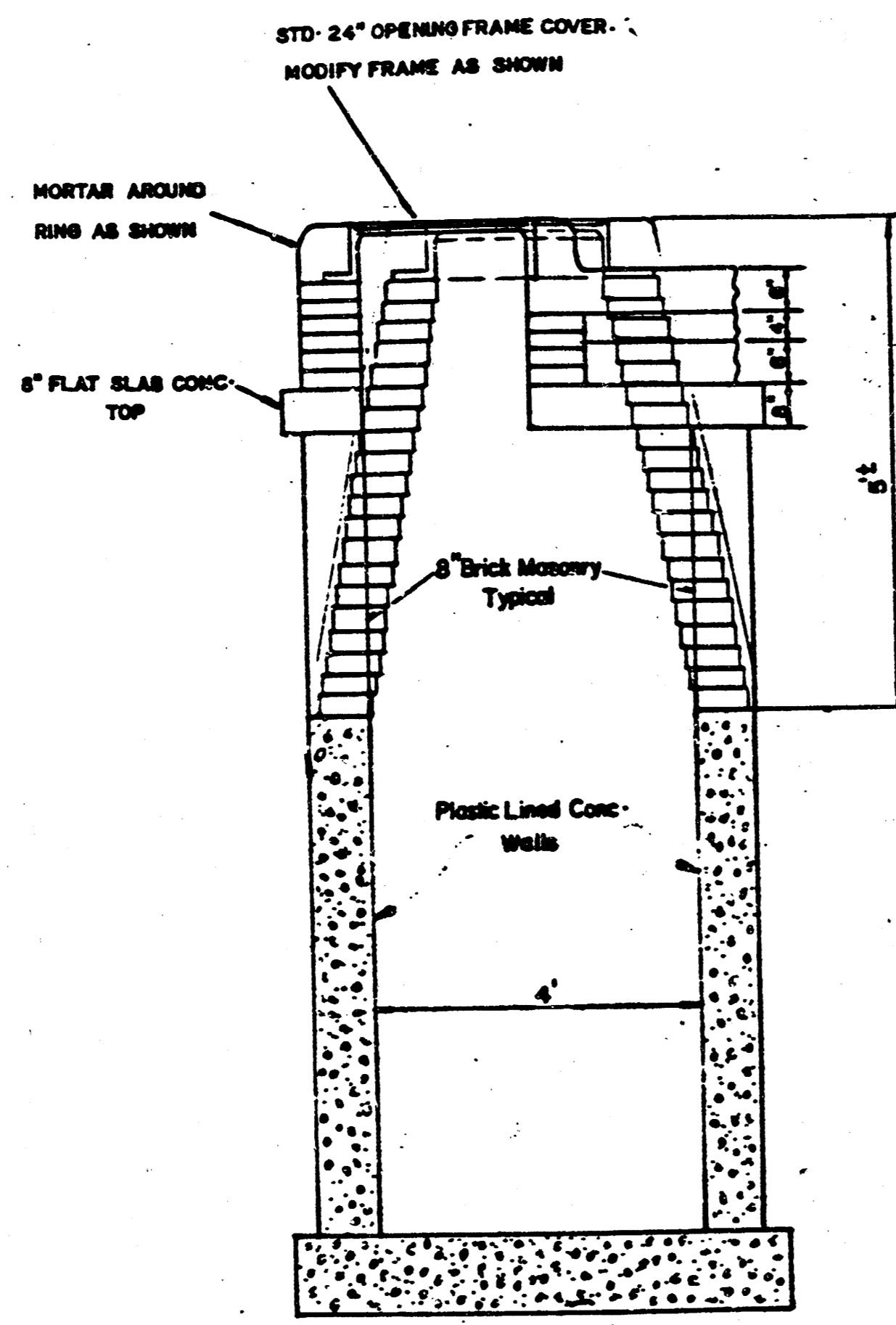
	8" INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 6 INCH BITUMINOUS BASE	Design
		Drawn by
		Checked by
		Date
		No.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		Sheet 4 of 36 of 36

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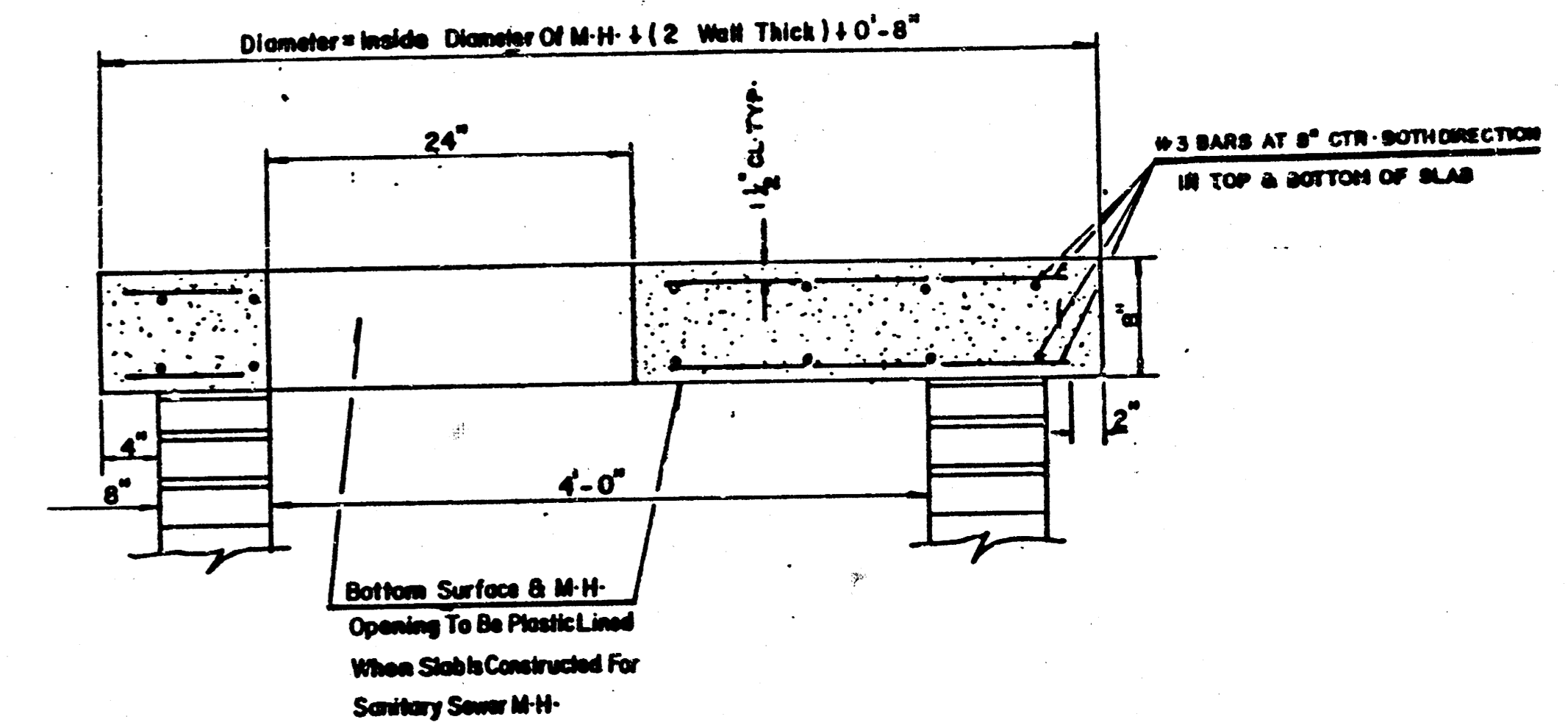
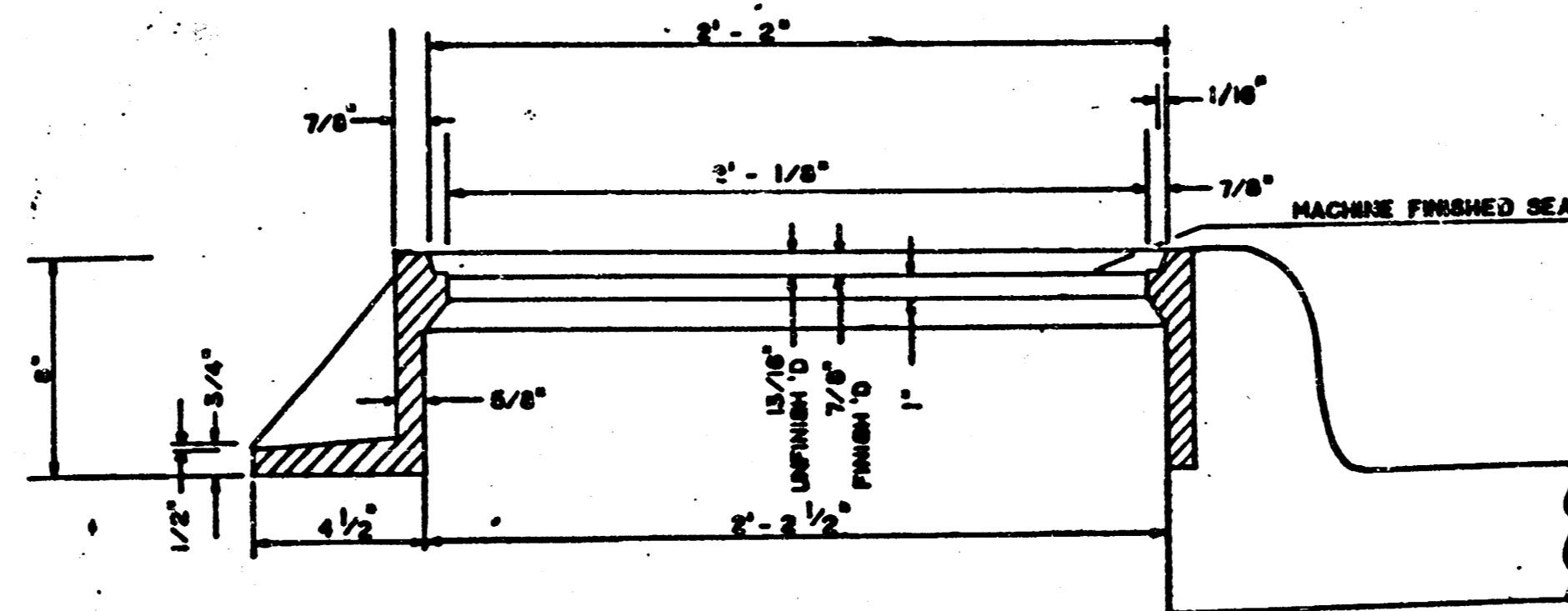


	<b>DETAILS</b>	Design FF
		Decided by FF
		Checked by P.F.B.
		Started by G.A.
		Date
MID-KANSAS ENGINEERING CONSULTANTS PA 240 NORTH ROCK ROAD SUITE 130 WICHITA, KANSAS 67206		Sheet 5 of 36

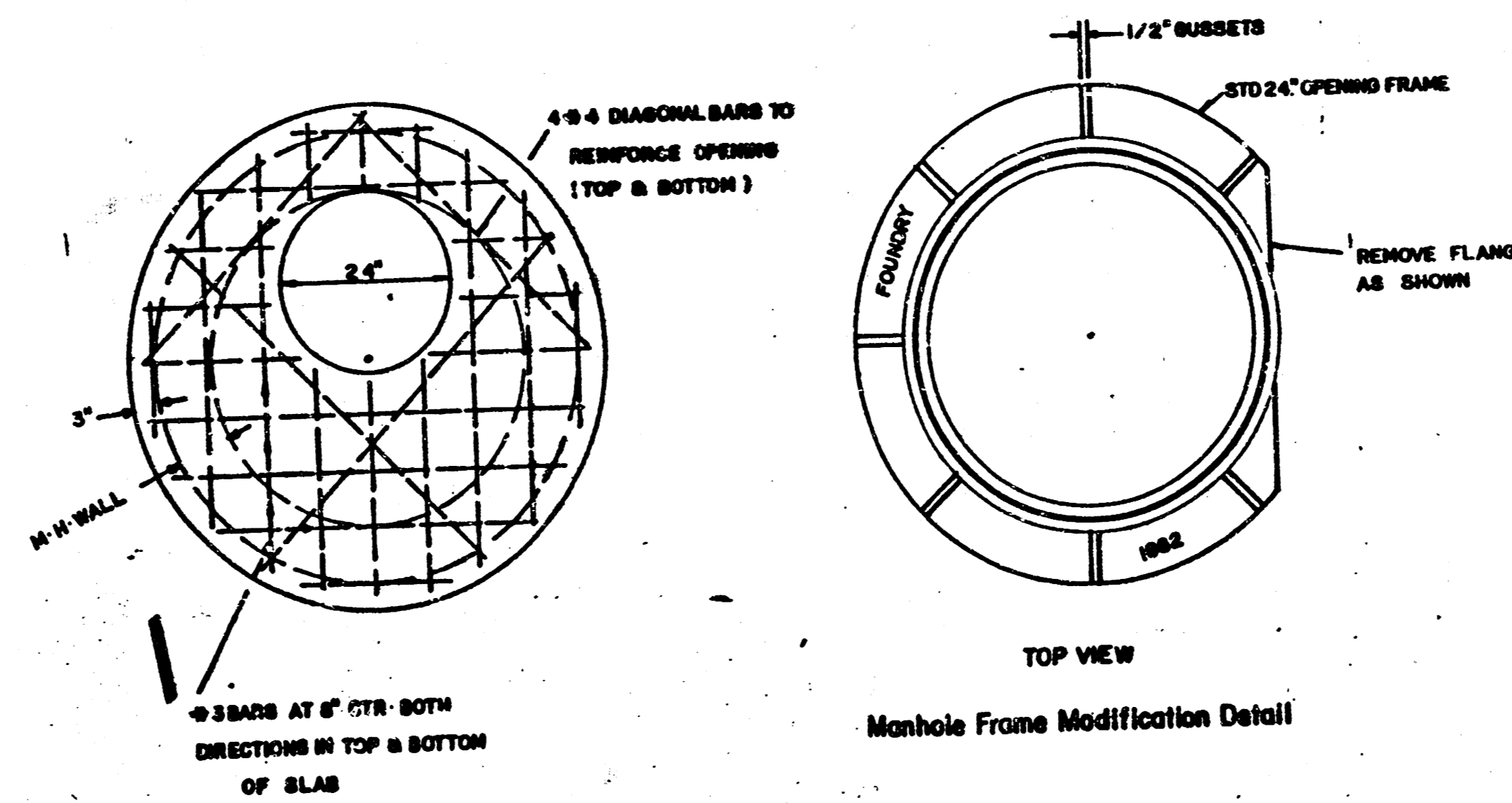
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Manhole Modification Detail



FLAT CONCRETE SLAB DETAILS



	<b>MANHOLE MODIFICATION DETAIL</b>		Design Drawn by Checked by Date Job No. Scale
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 N. ROCK ROAD BUILDING 800 WICHITA, KANSAS 67206		Sheet <b>6</b> of <b>36</b>

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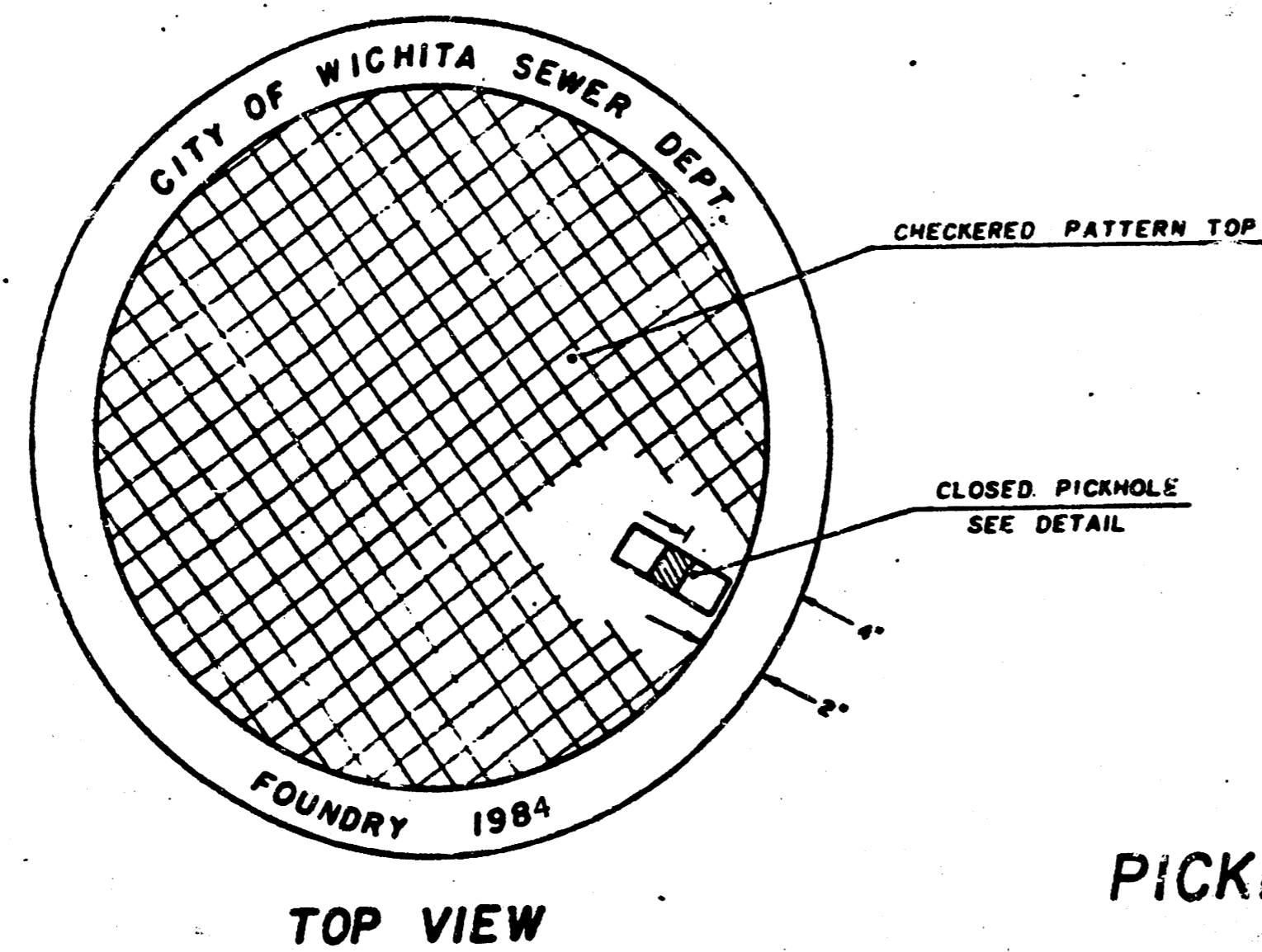
# MANHOLE FRAME AND COVER DETAIL

ADOPTED AS STANDARD DESIGN  
BY

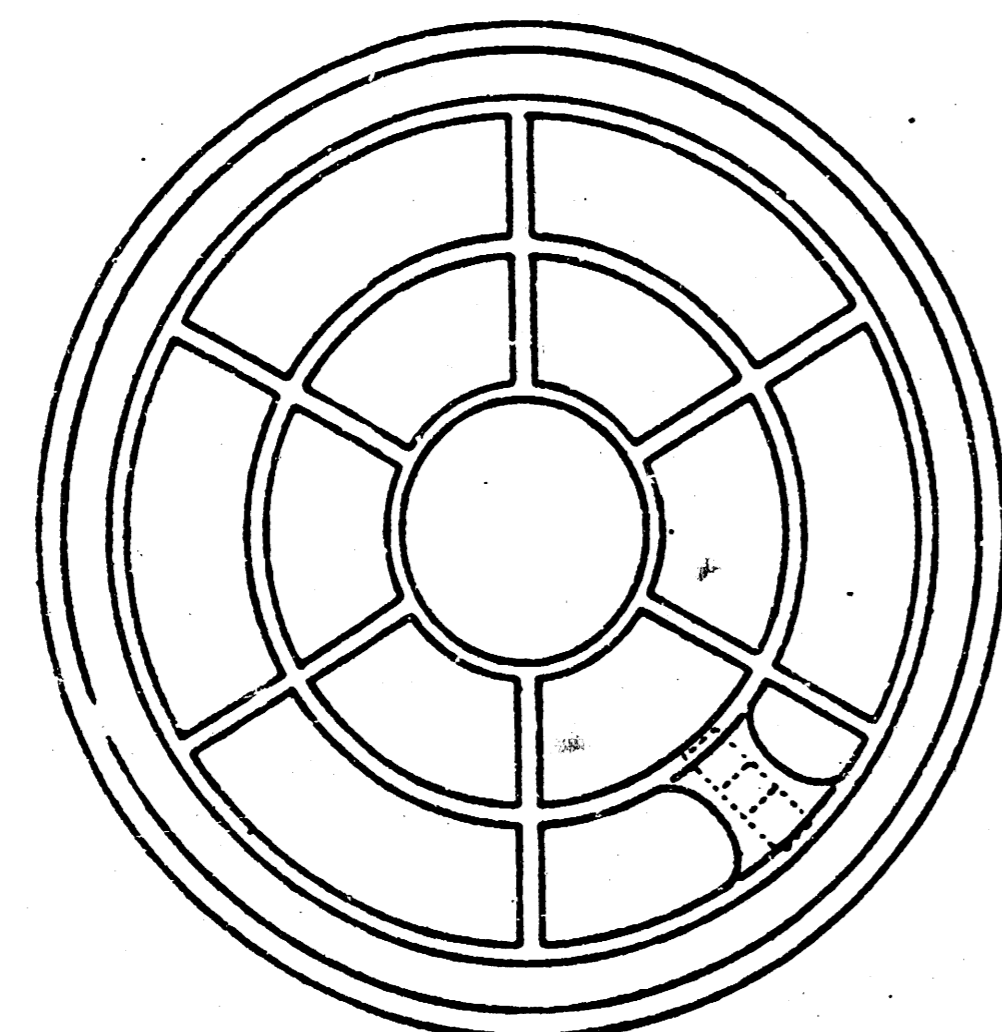
City of Wichita, Kansas

## MANHOLE COVER

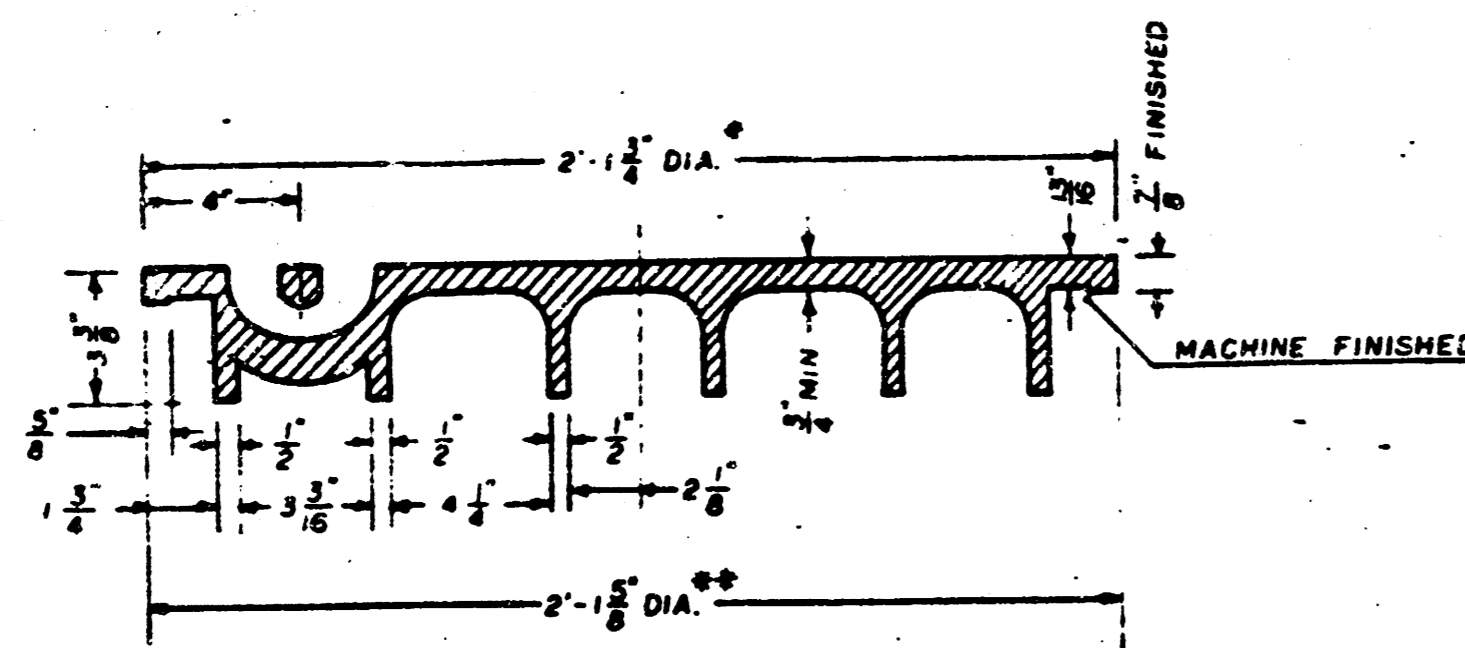
Weight: 180 Lbs.



TOP VIEW



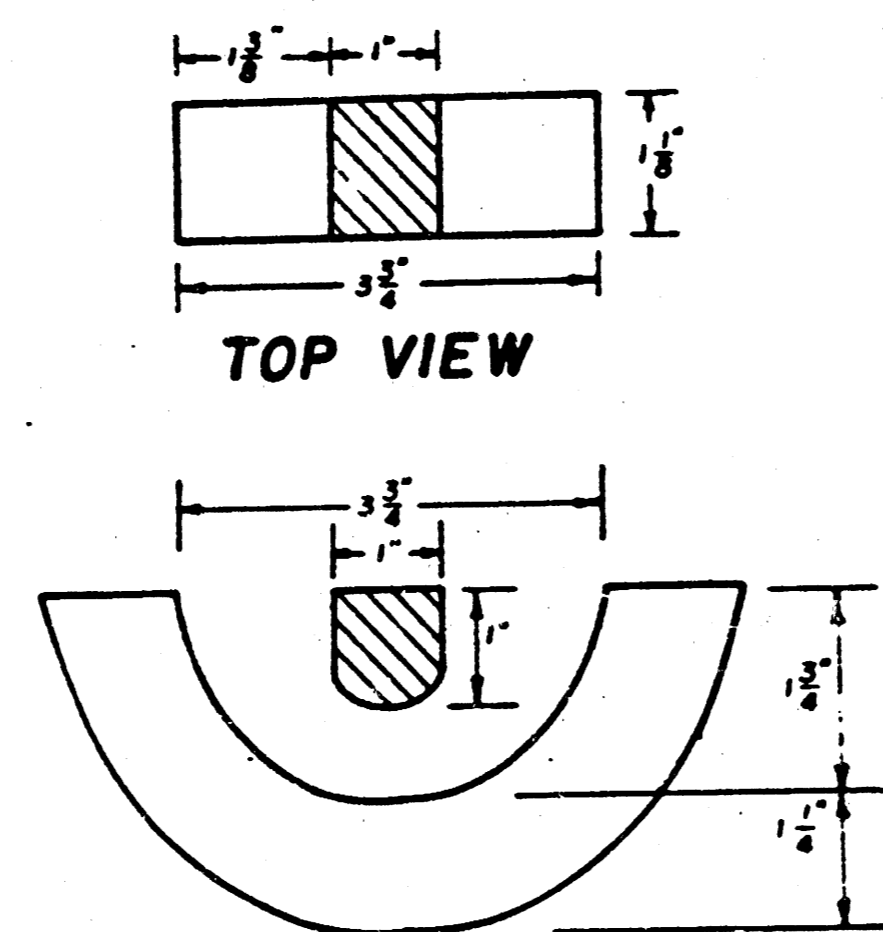
BOTTOM VIEW



SECTION VIEW

\* OUTSIDE DIA. TOP OF COVER  
\*\* OUTSIDE DIA. BOTTOM OF COVER

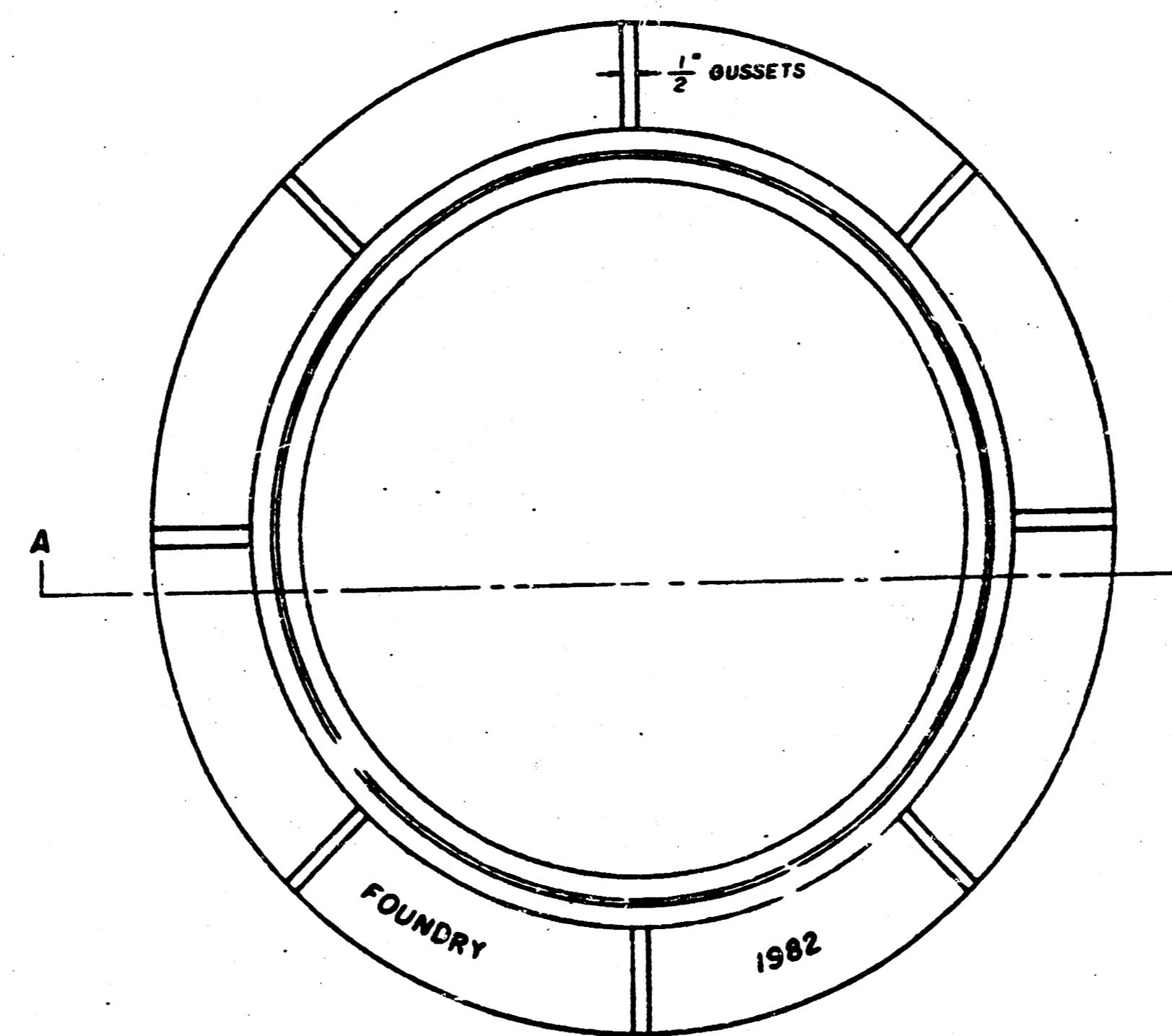
## PICKHOLE DETAIL



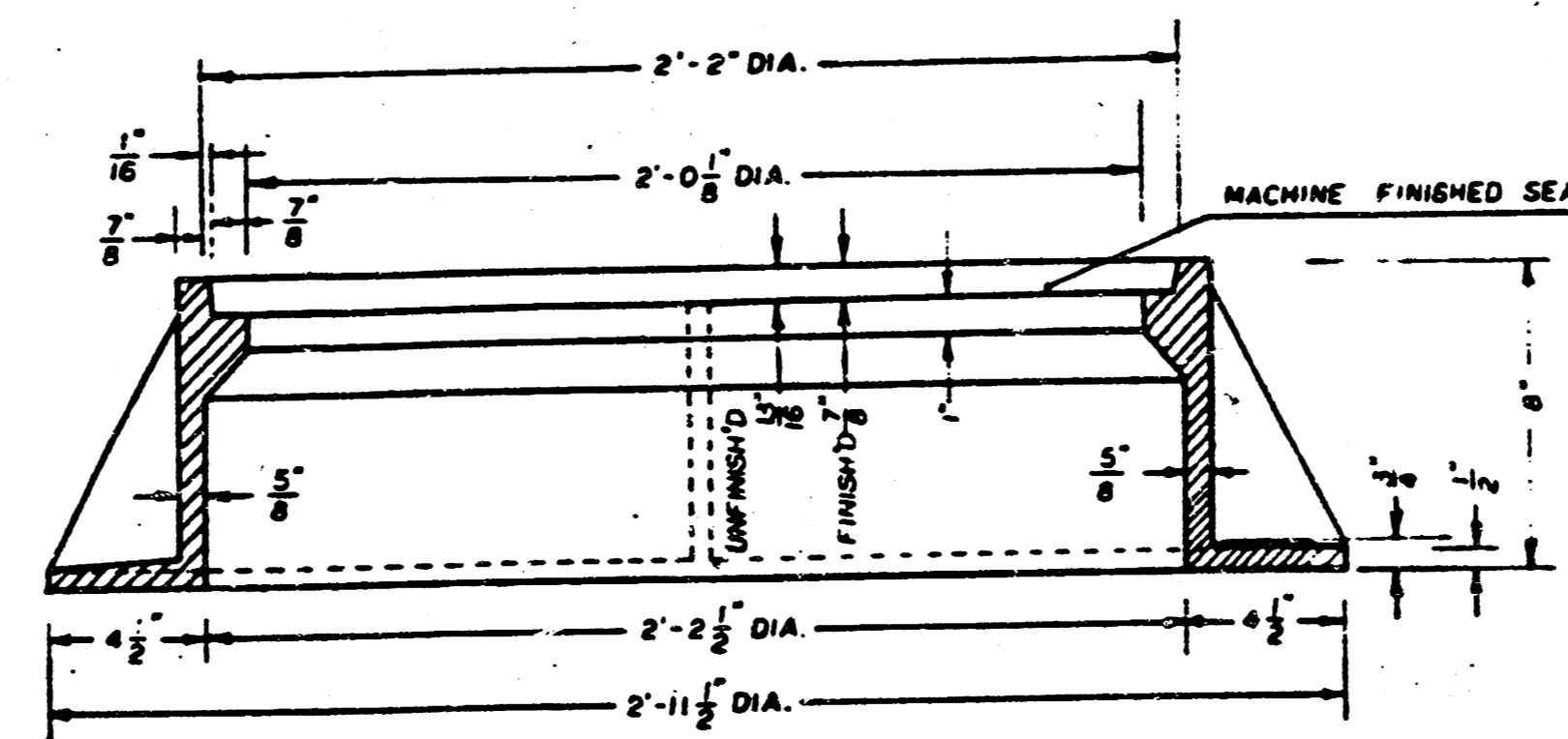
SECTION VIEW

## MANHOLE FRAME

Weight: 240 Lbs.



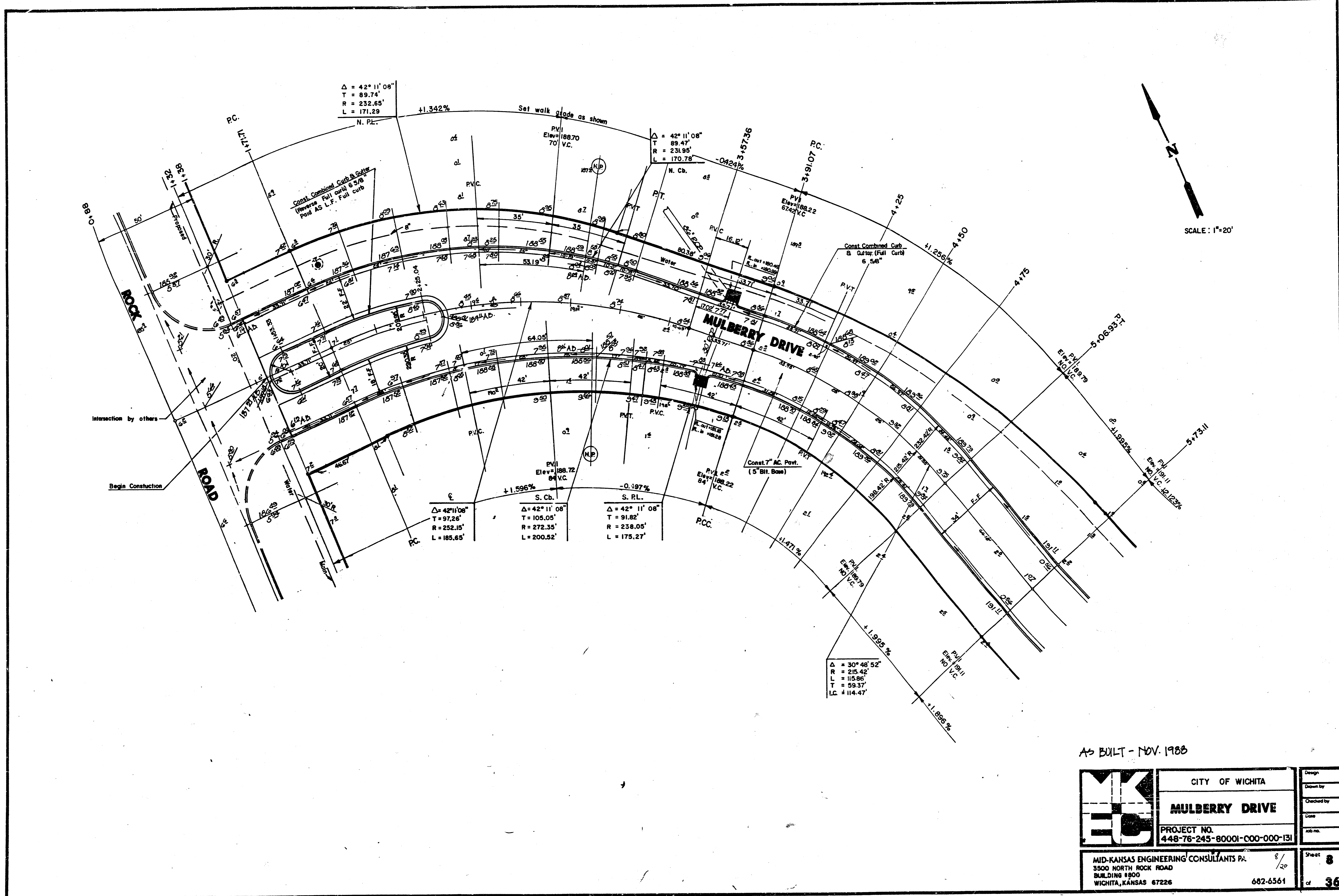
TOP VIEW



SECTION A-A

### GENERAL NOTES

1. MANHOLE CASTINGS SHALL BE MANUFACTURED USING GOOD QUALITY GRAY IRON CONFORMING TO CLASS 30 OF A.S.T.M. DESIGNATION A-48. DIMENSIONS AND WEIGHTS SHOWN ON THE DETAILED DRAWINGS SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE FINISHED CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTIONS OR OTHER DEFECTS.
2. MANHOLE CASTINGS SHALL BE COATED WITH AN ASPHALT PAINT RESULTING IN A SMOOTH, TOUGH AND TENACIOUS COATING WHICH IS NOT BRITTLE OR TACKY.
3. MANHOLE CASTINGS SHALL BE MANUFACTURED SUCH THAT A COVER MANUFACTURED BY ANY ONE FOUNDRY WILL FIT INTERCHANGEABLY INTO A FRAME MANUFACTURED BY ANOTHER FOUNDRY AND STILL MEET ALLOWABLE CLEARANCES AND NON-ROCKING REQUIREMENTS. THIS WILL REQUIRE MANUFACTURING OF THE MATCHING FACES ON THE COVER AND THE FRAME TO CLOSE TOLERANCES.
4. THE OUTSIDE CIRCUMFERENCE OF THE VERTICAL FACE OF THE COVER AND THE INSIDE CIRCUMFERENCE OF THE VERTICAL FACE IN THE FRAME RECESS SHALL BE MANUFACTURED TO TOLERANCES SUCH THAT THE CLEARANCE BETWEEN THE COVER AND FRAME WILL NOT EXCEED 1/8" AT ANY POINT AROUND THE CIRCUMFERENCE OF THE COVER. THE SEATING SURFACES BETWEEN THE COVER AND FRAME SHALL BE MACHINED SUCH THAT THESE SURFACES SHALL MAKE FULL CONTACT FOR THEIR FULL CIRCUMFERENCE TO PRECLUDE THE COVER FROM ROCKING IN THE FRAME.
5. THE MANHOLE FRAME AND COVER SHALL BE MARKED WITH LETTERING INDICATING THE NAME OF THE MANUFACTURER AND THE YEAR WHEN THE COVER OR FRAME WAS CAST. THE COVER SHALL BE FURTHER IDENTIFIED WITH REGARDS TO OWNERSHIP USING LETTERS AT LEAST 1" IN HEIGHT. THIS IDENTIFICATION SHALL BE "CITY OF WICHITA SEWER DEPARTMENT". THE WORD DEPARTMENT MAY BE ABBREVIATED. THE TEXTURE OF THE TOP SURFACE OF THE COVER SHALL BE MANUFACTURED IN A CHECKERED PATTERN DESIGN AS INDICATED ON THE DRAWINGS. SMOOTH BLOCKOUTS SHALL BE UTILIZED TO HIGHLIGHT THE LETTERING ON THE COVER SURFACE. THE TOTAL AREA OF SMOOTH SURFACE BLOCKOUTS SHALL NOT EXCEED THE AREA AS INDICATED ON THE DRAWING. POSITIONING OF SMOOTH BLOCKOUTS AND LETTERING MAY VARY FROM THAT SHOWN ON THE DETAILED DRAWING.



$\Delta = 42^\circ 11' 08''$   
 $T = 89.74'$   
 $R = 232.65'$   
 $L = 171.29'$

$\Delta = 42^\circ 11' 08''$   
 $T = 89.47'$   
 $R = 231.95'$   
 $L = 170.78'$

$\Delta = 42^\circ 11' 08''$   
 $T = 97.26'$   
 $R = 252.15'$   
 $L = 185.65'$

$\Delta = 42^\circ 11' 08''$   
 $T = 105.05'$   
 $R = 272.35'$   
 $L = 200.52'$

$\Delta = 42^\circ 11' 08''$   
 $T = 91.82'$   
 $R = 238.05'$   
 $L = 175.27'$

$\Delta = 30^\circ 48' 52''$   
 $R = 215.42'$   
 $L = 115.86'$   
 $T = 59.37'$   
 $LC = 114.47'$

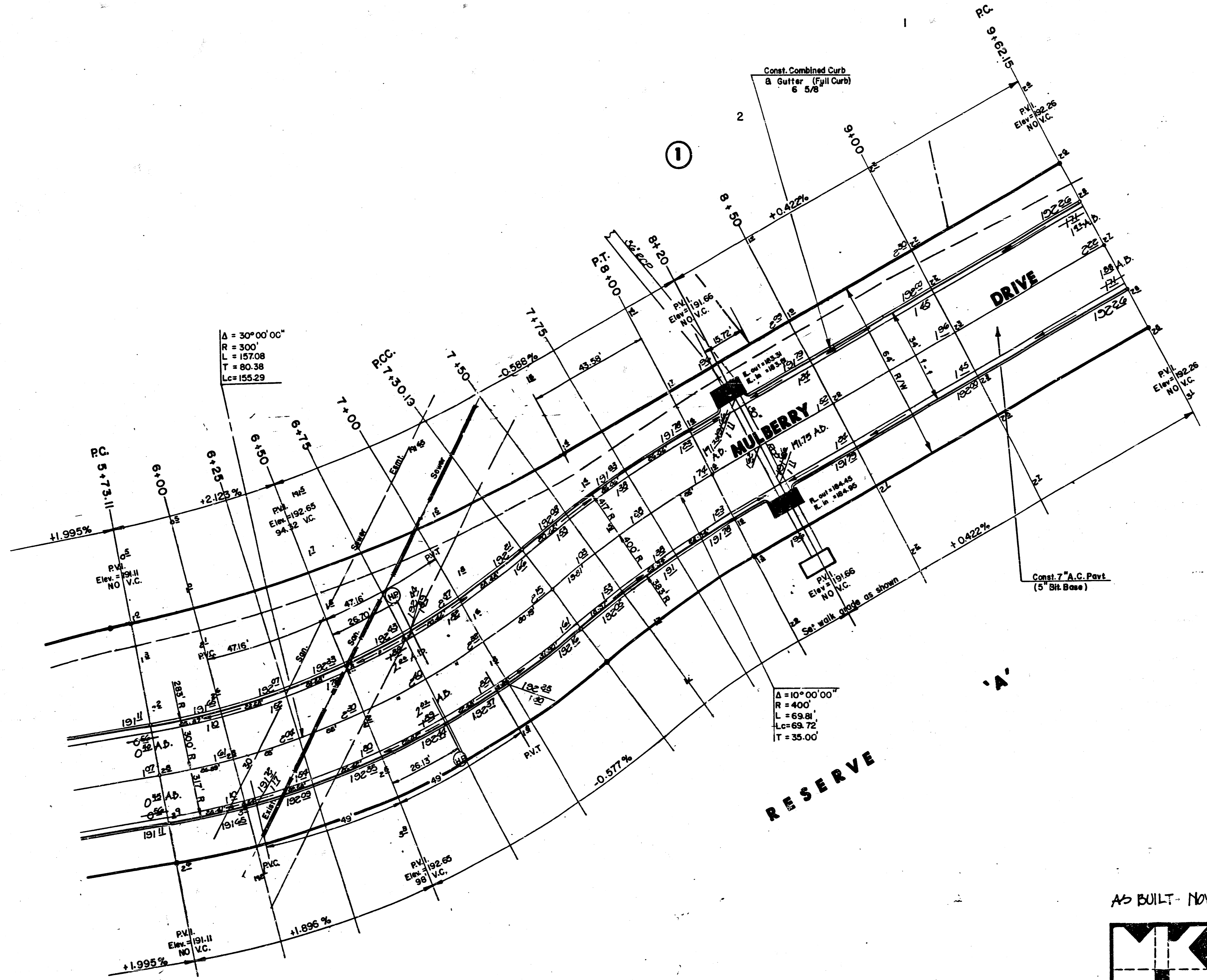
AS BUILT - NOV. 1988

	CITY OF WICHITA	Design
	<b>MULBERRY DRIVE</b>	Drawn by
PROJECT NO. 448-76-245-80001-000-131		Checked by
		Date
		Job no.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 1800 WICHITA, KANSAS 67226	8/20	Sheet <b>8</b>
682-6561		of <b>36</b>

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Scale: 1"=20'



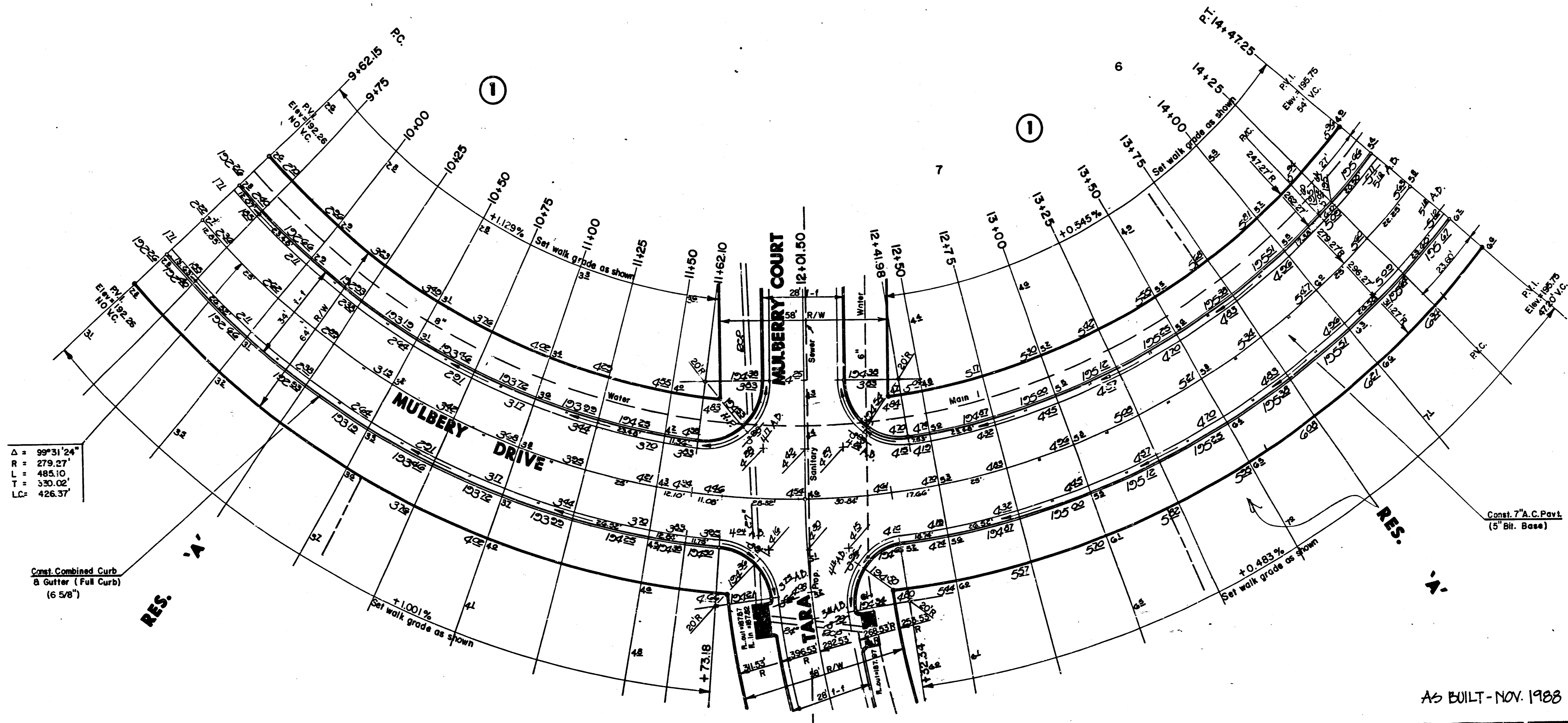
AS BUILT - NOV. 1988

	CITY OF WICHITA	Design
	<b>MULBERRY DRIVE</b>	Drawn by
PROJECT NO. 448-76-245-00001-000-000-131		Checked by
		Date
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		Job no.
	9/20	Sheet
682-6561	of	36

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Scale: 1" = 20'

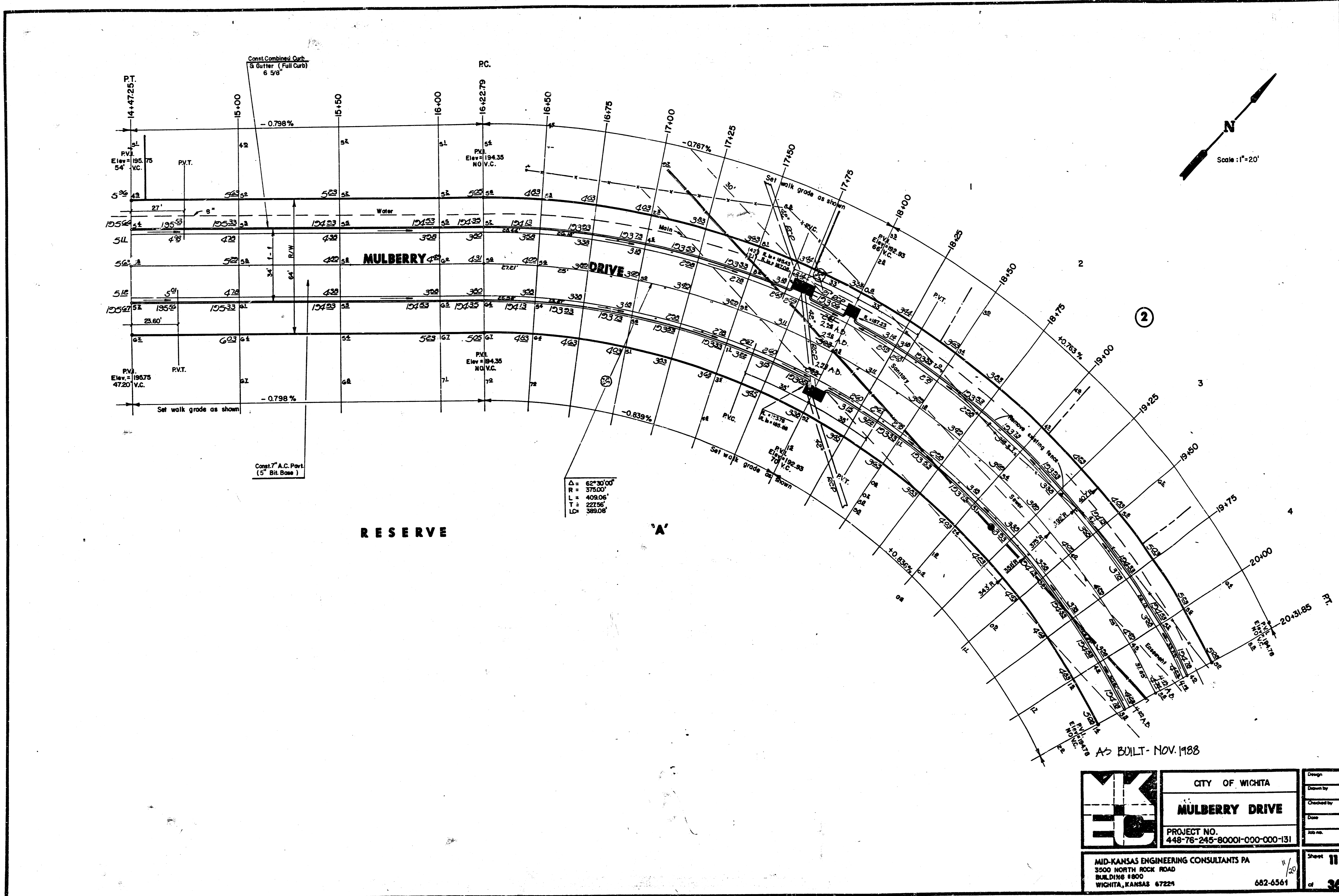


$\Delta = 99^{\circ}31'24''$   
 $R = 279.27'$   
 $L = 485.10'$   
 $T = 330.02'$   
 $LC = 426.37'$

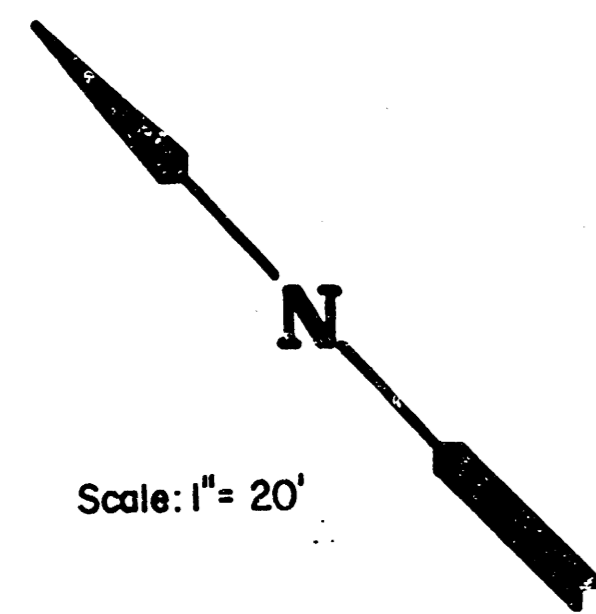
AS BUILT - NOV. 1988

	CITY OF WICHITA		Design
	MULBERRY DRIVE		Drawn by
	PROJECT NO. 448-75-245-80001-000-000-131		Checked by
			Date
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		682-6561	10/20 Sheet 10 of 36

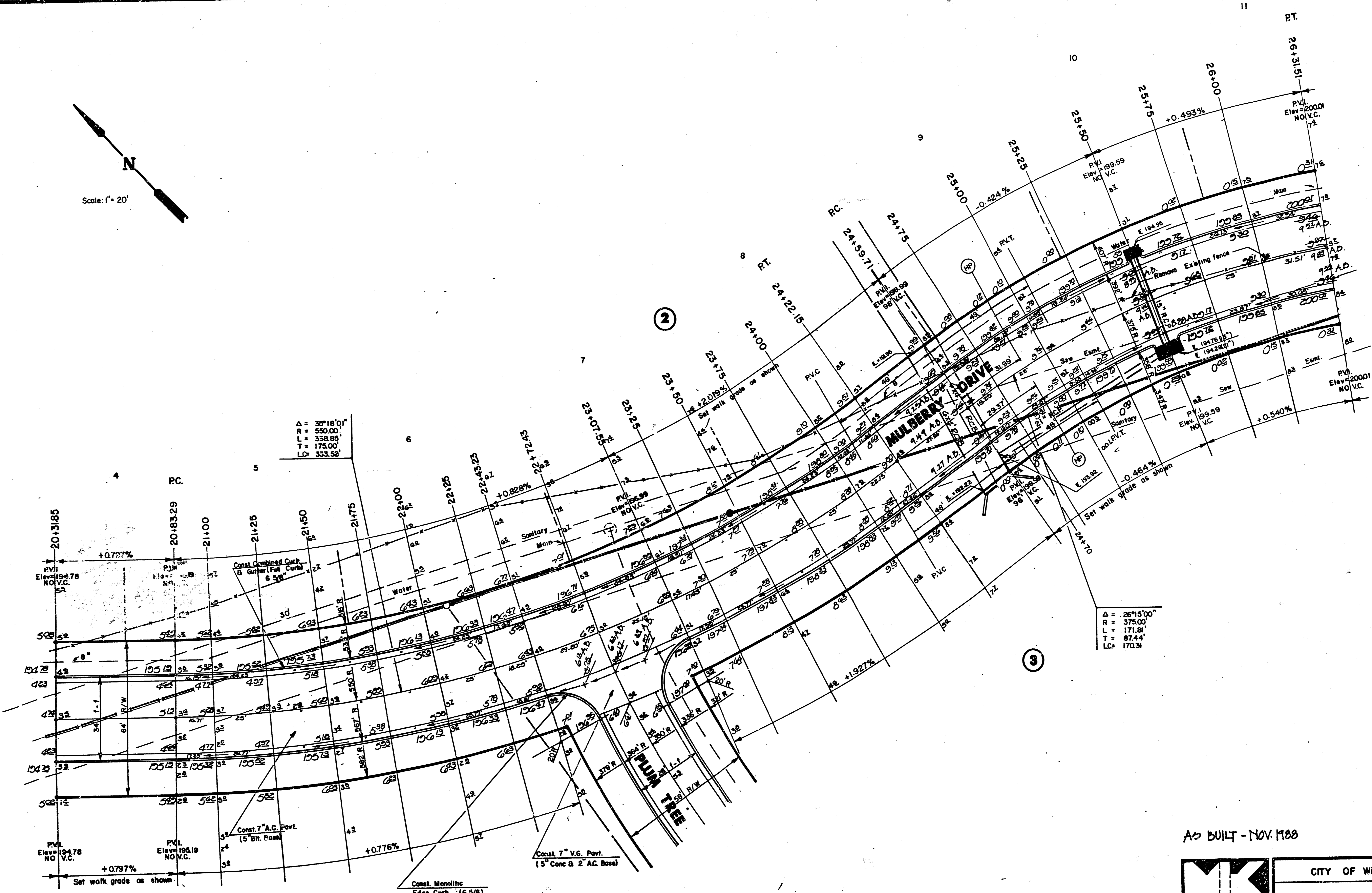
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Scale: 1" = 20'



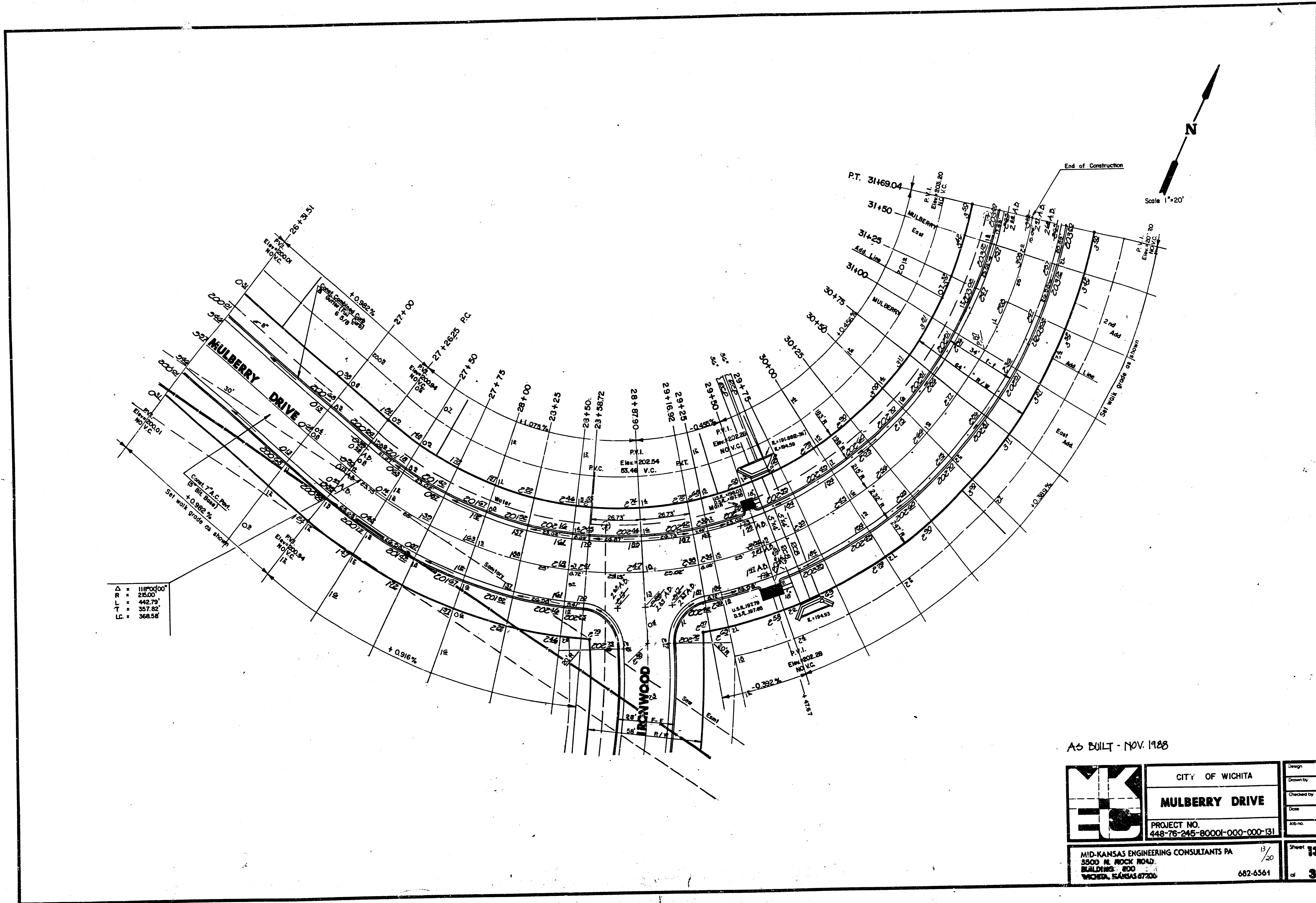
$\Delta = 35^{\circ}18'00''$   
 $R = 550.00'$   
 $L = 338.85'$   
 $T = 175.00'$   
 $LC = 333.96'$

$\Delta = 26^{\circ}15'00''$   
 $R = 375.00'$   
 $L = 171.81'$   
 $T = 87.44'$   
 $LC = 170.31'$

AS BUILT - NOV. 1988

	CITY OF WICHITA		Design
	<b>MULBERRY DRIVE</b>		Drawn by
PROJECT NO. 448-76-245-80001-000-000-131		Checked by	Date
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 1800 WICHITA, KANSAS 67226		Job no.	Sheet <b>12</b>
682-6561			of <b>36</b>

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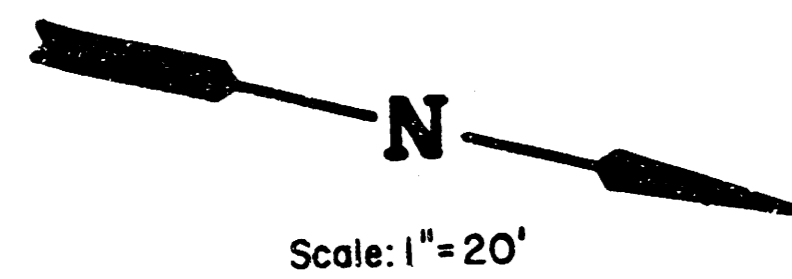


$\Delta = 118^{\circ}04'00''$   
 $R = 215.00'$   
 $L = 442.79'$   
 $T = 357.82'$   
 $LC = 368.58'$

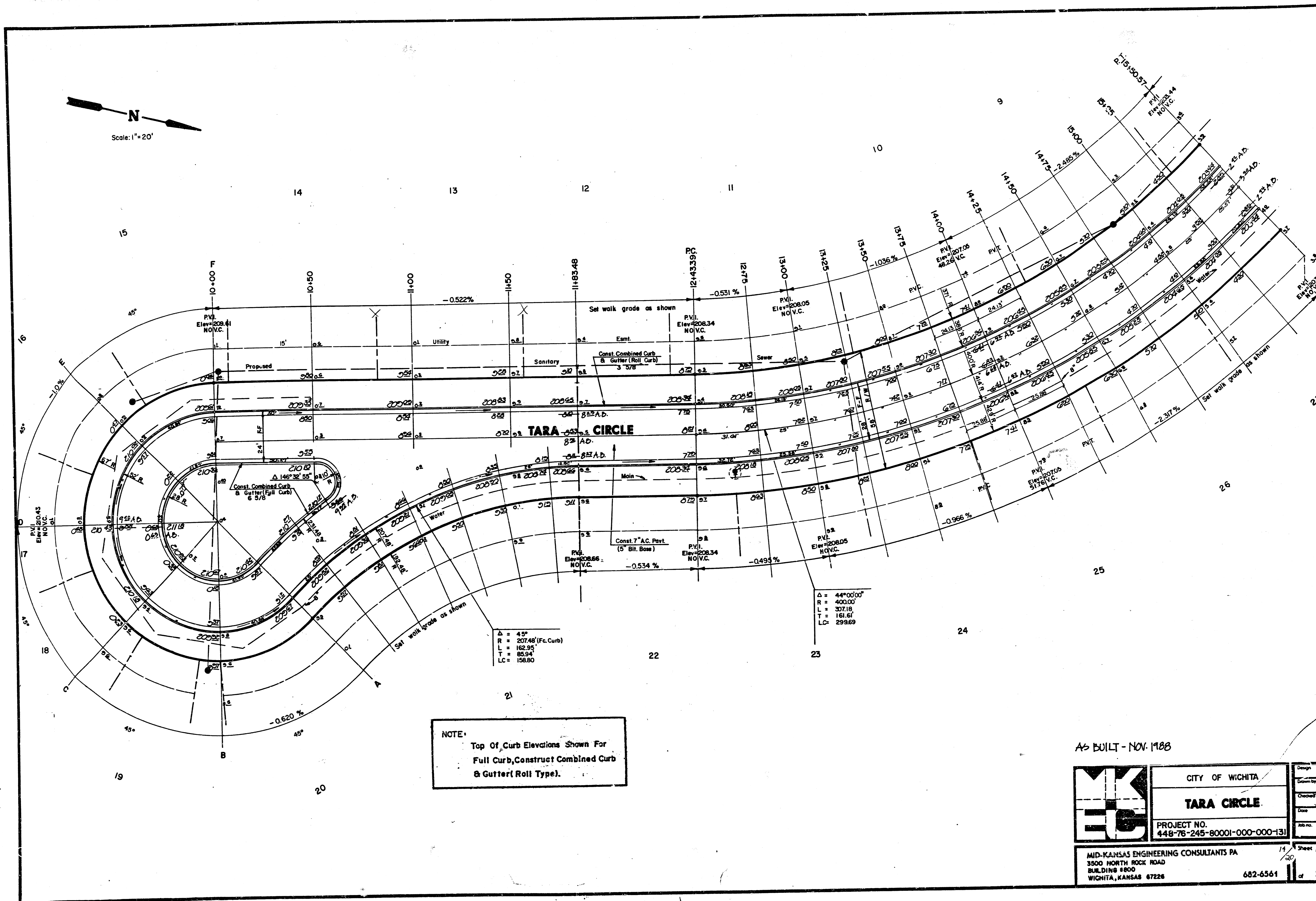
AS BUILT - NOV. 1988

	CITY OF WICHITA		Design
	MULBERRY DRIVE		Drawn by
PROJECT NO. 448-78-245-80001-000-000-131		Checked by	Date
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 N. ROCK ROAD BUILDING 800 WICHITA, KANSAS 67208		Job no.	Sheet 13 of 36
682-6561			

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Scale: 1" = 20'



$\Delta = 45^\circ$   
 $R = 207.48'$  (Fc. Curb)  
 $L = 162.95'$   
 $T = 85.94'$   
 $LC = 158.80'$

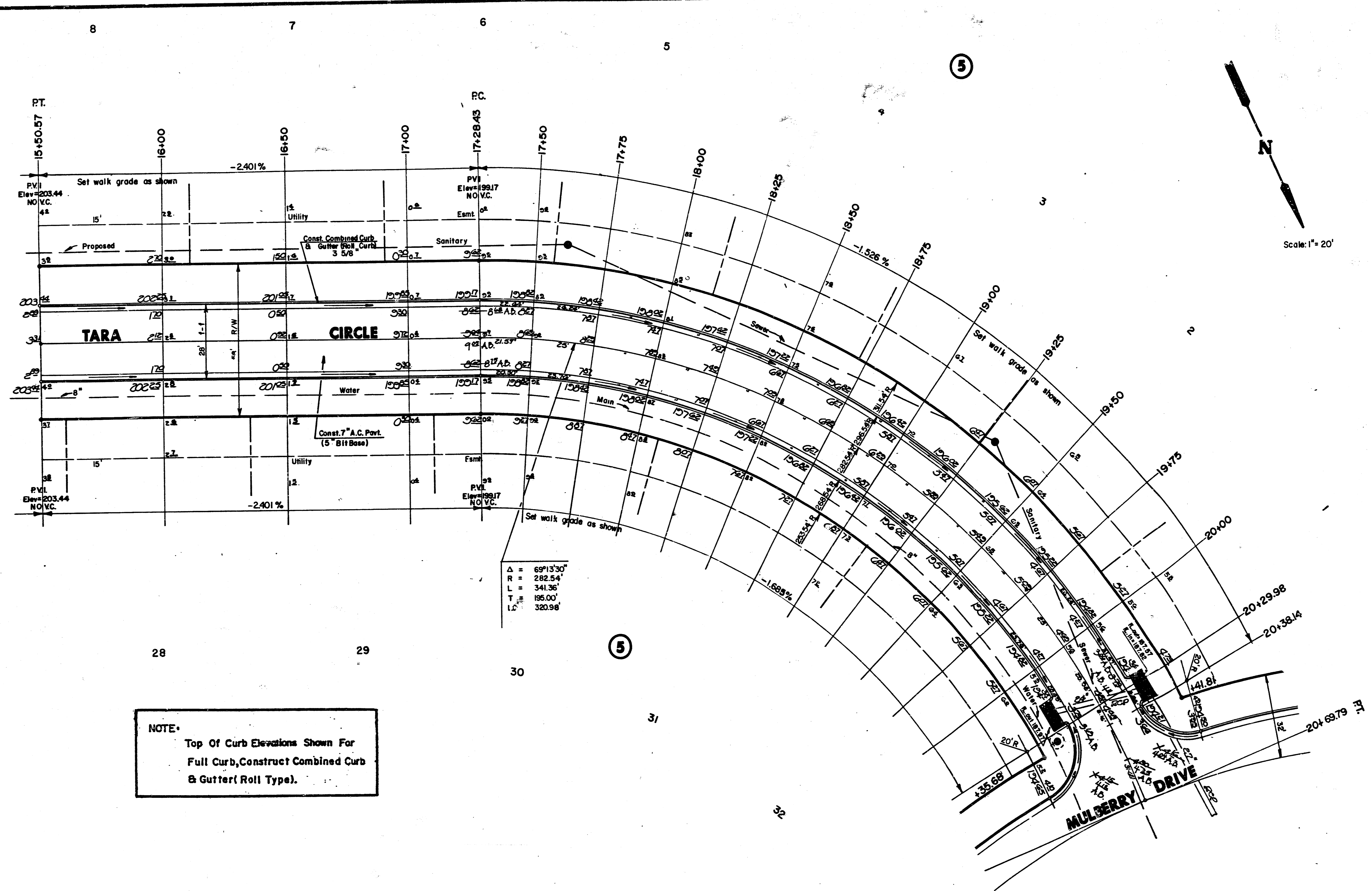
$\Delta = 44^\circ 00' 00''$   
 $R = 400.00'$   
 $L = 327.16'$   
 $T = 161.61'$   
 $LC = 299.69'$

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

AS BUILT - NOV. 1988


	CITY OF WICHITA	Design
	<b>TARA CIRCLE</b>	Drawn by
	PROJECT NO. 448-76-245-80001-000-000-131	Checked by
		Date
		Job no.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 800 WICHITA, KANSAS 67226	682-6561	Sheet 14 of 36

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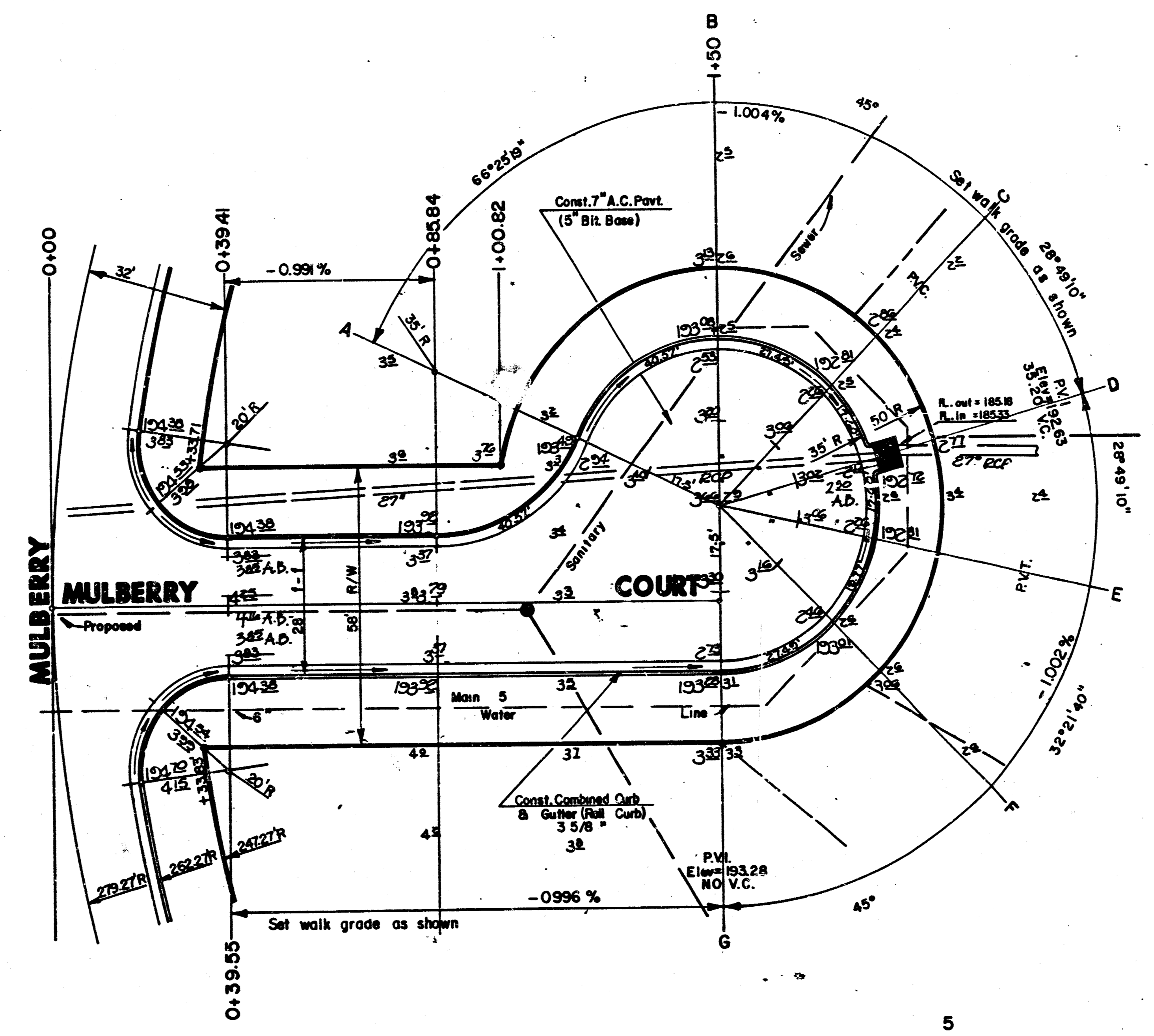
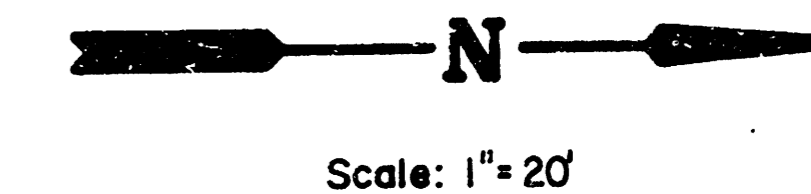


**NOTE:**  
 Top Of Curb Elevations Shown For  
 Full Curb, Construct Combined Curb  
 & Gutter (Roll Type).

AS BUILT - NOV. 1988

	CITY OF WICHITA	Design
	<b>TARA CIRCLE</b>	Drawn by
	PROJECT NO. 448-76-245-80001-000-000-131	Checked by
		Date
		Job no.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 1800 WICHITA, KANSAS 67226	15/20	Sheet <b>15</b> of <b>36</b>

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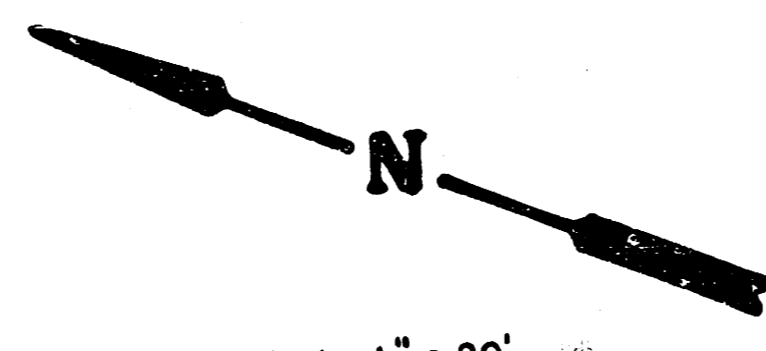


**NOTE:**  
 Top Of Curb Elevations Shown For  
 Full Curb, Construct Combined Curb  
 & Gutter (Roll Type).

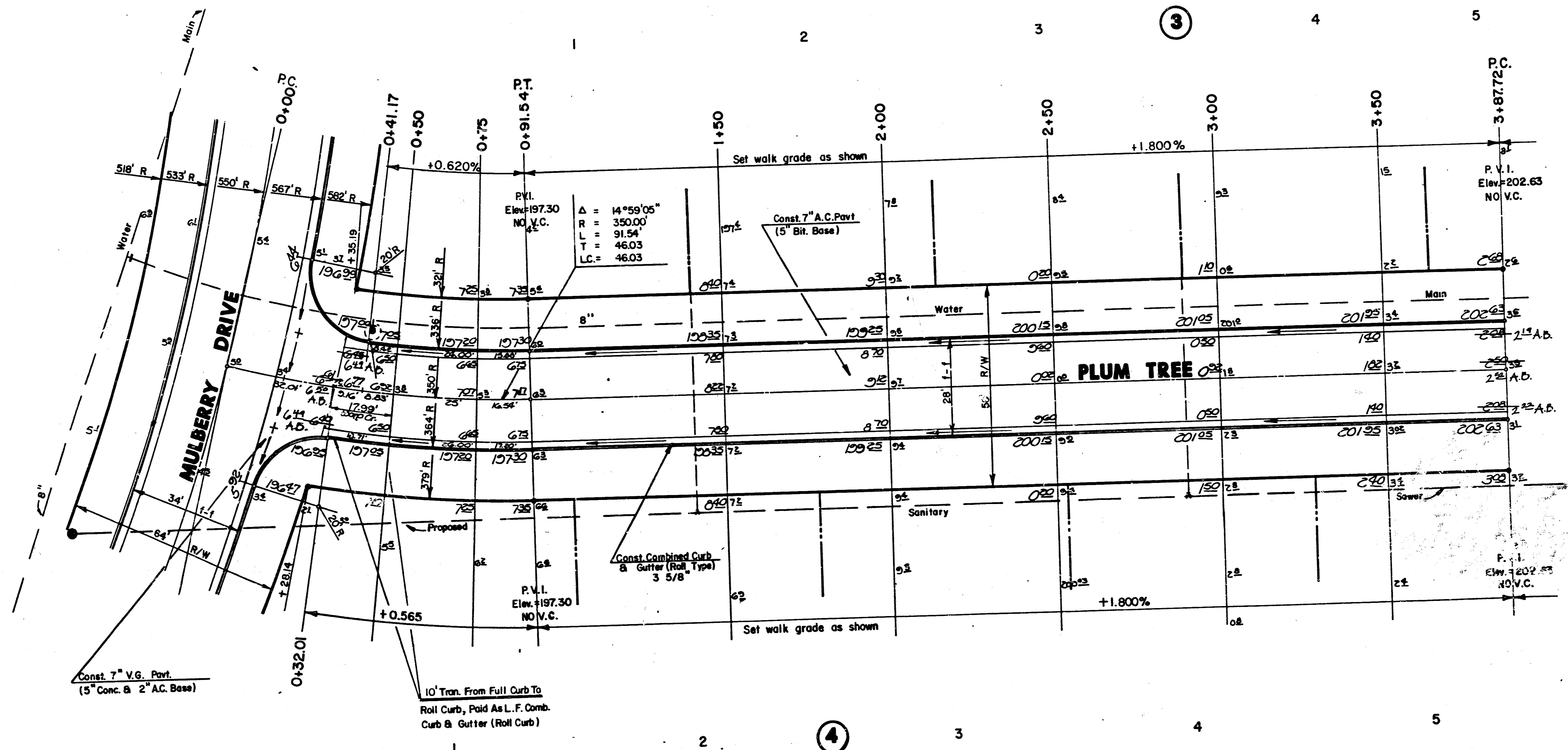
AS BUILT - NOV. 1988

	CITY OF WICHITA	Design
	<b>MULBERRY COURT</b>	Drawn by
PROJECT NO. 448-76-245-80001-000-000-131		Checked by
		Date
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #600 WICHITA, KANSAS 67226		Sheet
	682-6561	16
		of
		36

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Scale: 1" = 20'

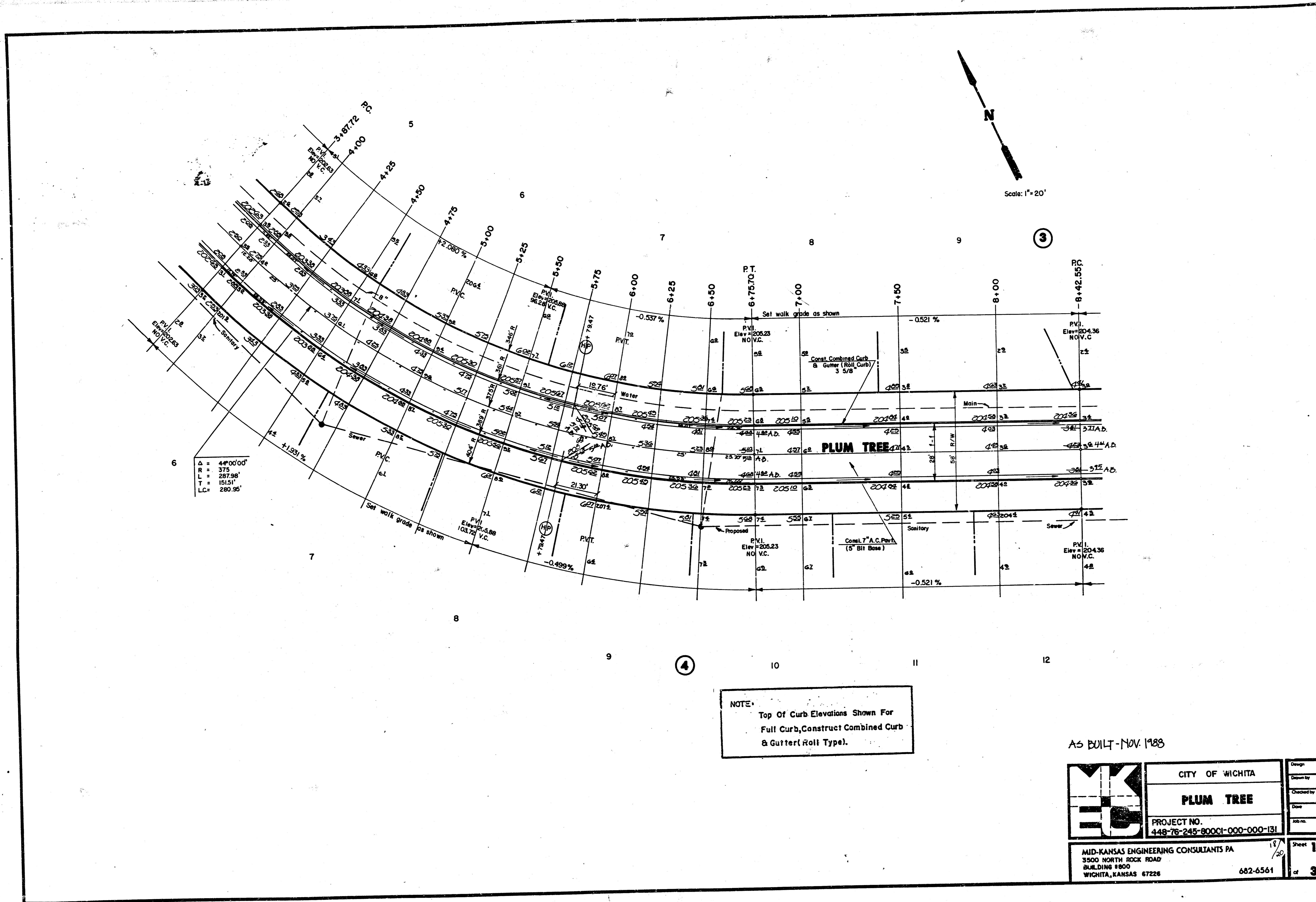


NOTE:  
 Top Of Curb Elevations Shown For  
 Full Curb, Construct Combined Curb  
 & Gutter (Roll Type).

AS BUILT - NOV. 1988


	CITY OF WICHITA	Design
	<b>PLUM TREE</b>	Drawn by
PROJECT NO. 448-76-245-80001-000-000-131		Checked by
		Date
		Job no.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BULDING 1800 WICHITA, KANSAS 67226	17/20	Sheet <b>17</b>
682-6561		of <b>36</b>

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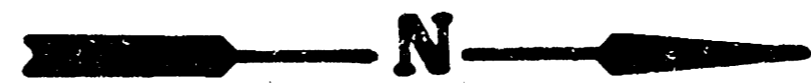
NOTE:  
 Top Of Curb Elevations Shown For  
 Full Curb, Construct Combined Curb  
 & Gutter (Roll Type).

AS BUILT - NOV. 1983

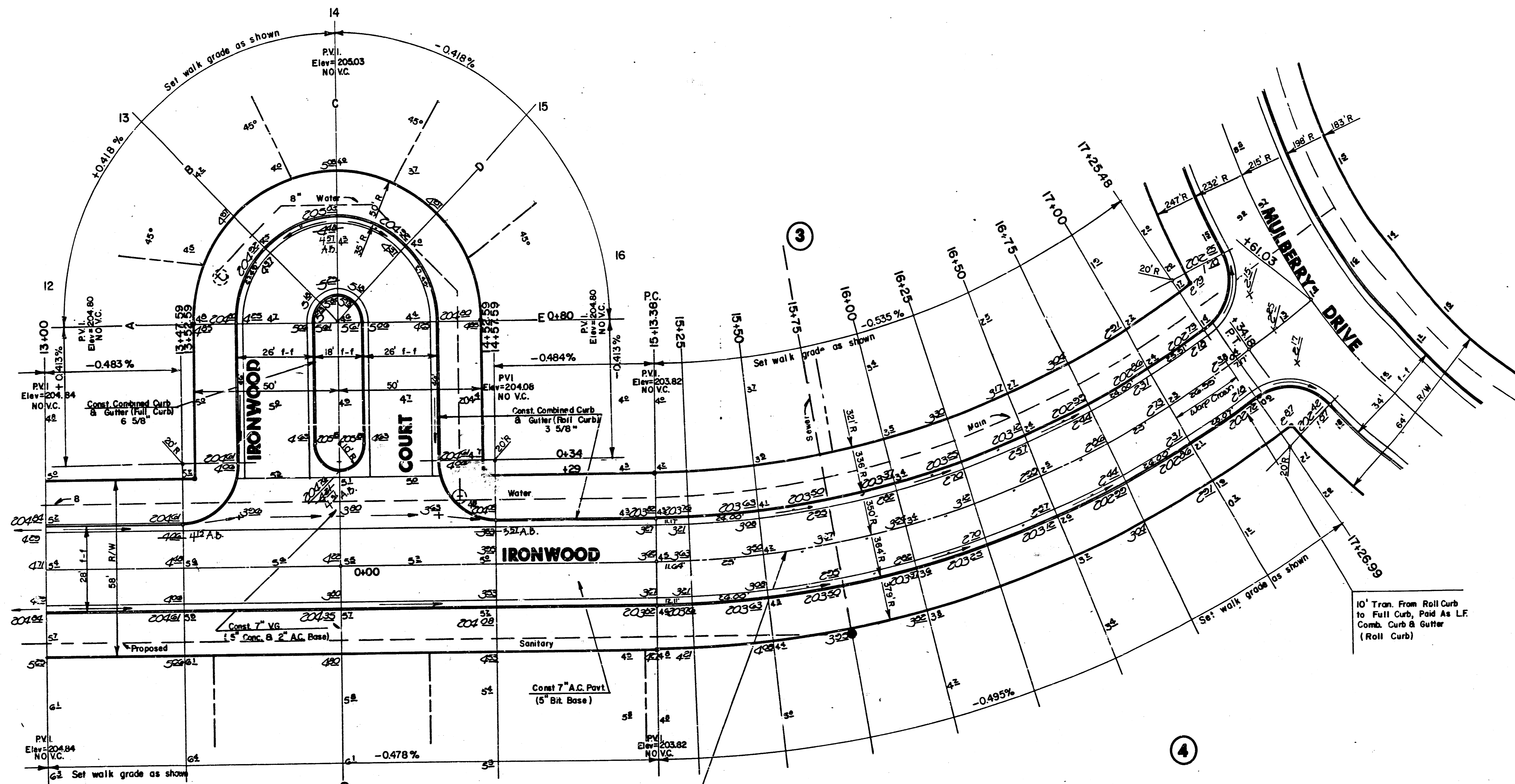
	CITY OF WICHITA	Design
	<b>PLUM TREE</b>	Drawn by
	PROJECT NO. 448-76-245-80001-000-000-131	Checked by
		Date
		Job no.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 8800 WICHITA, KANSAS 67226	682-6561	Sheet <b>18</b> of <b>36</b>

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Scale: 1" = 20'



10' Tran. From Roll Curb  
to Full Curb, Paid As L.F.  
Comb. Curb & Gutter  
(Roll Curb)

$\Delta = 36^{\circ}08'42''$   
 $R = 350.00'$   
 $L = 220.80'$   
 $T = 114.21'$   
 $LC = 217.15'$

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

AS BUILT - NOV. 1988

	CITY OF WICHITA	Design
	<b>IRONWOOD</b>	Drawn by
	PROJECT NO. 448-76-245-80001-000-000-131	Checked by
		Date
		Job no.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226	20/20 682-6561	Sheet <b>20</b> of <b>36</b>

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