

STREET IMPROVEMENTS ON YELLOWSTONE COURT - from the northwesterly line of Yellowstone to and including cul-de-sac. THE PARK 2ND ADDITION

PROJECT NO.

472-76-245-81657-000-000-001

INDEX NO. 608349

INDEX TO DRAWINGS

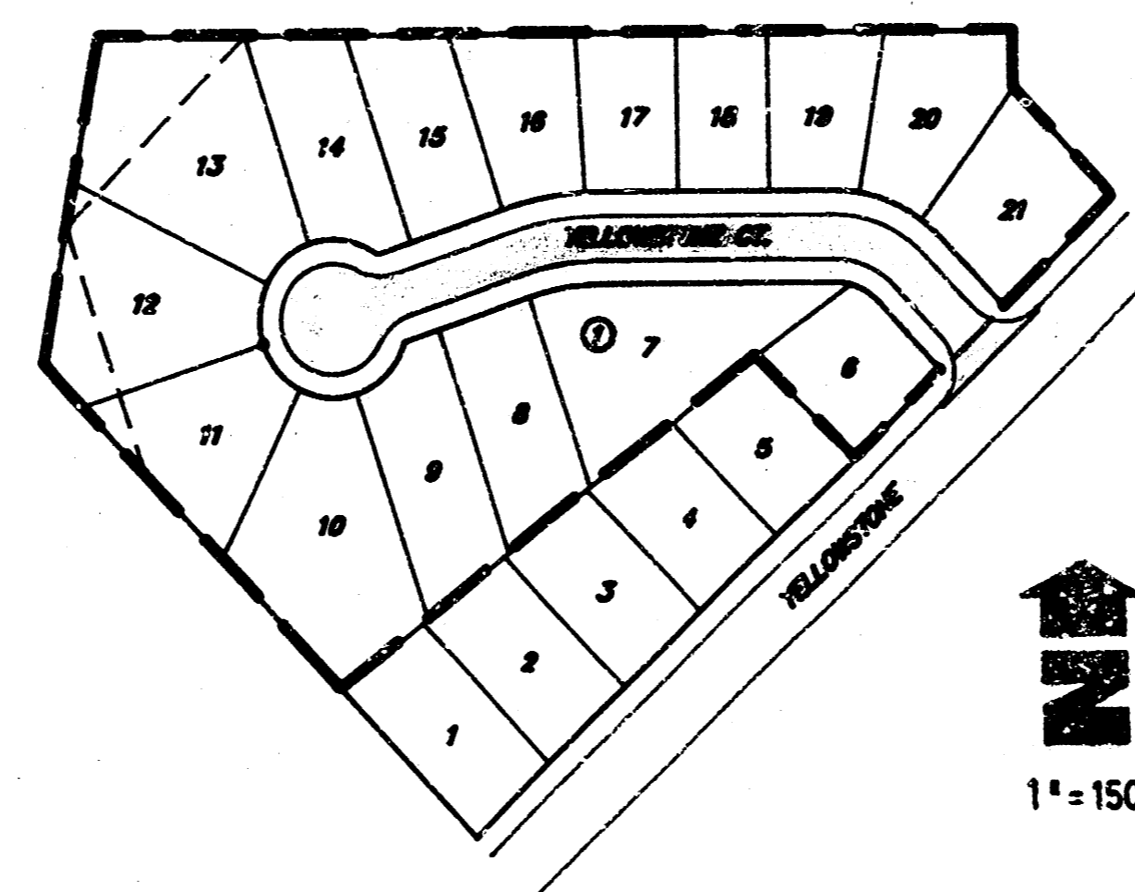
SH. NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION
3	PAVEMENT PLAN
4	EARTHWORK SECTIONS
5	FINAL PLAT

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK CITY ENGINEER

◦ BENCHMARKS ◦

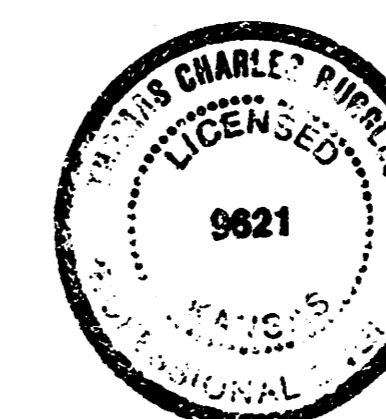
1. "□" CUT T.C. , So.S. YELLOWSTONE 50' N. N.L. YOSEMITE, E. S. YELLOWSTONE. ELEV. = 139.19 CITY DATUM
2. "□" CUT T.C. 44' SW. E. YELLOWSTONE CT. , SW. SIDE CONST. JOINT ON NW. CURBLN. YELLOWSTONE. ELEV. = 133.91 CITY DATUM
3. "√" NOTCH N.E. RIM M.H., 54.5' SW-ly & 3.8' SE-ly, SW. Cor. LOT 1, THE PARK SECOND ADDITION. ELEV. = 136.75 CITY DATUM




GENERAL NOTES

1. Utility service lines, poles, valve boxes, meters, and enclosures are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
2. A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of the existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Smead joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the removal of the surface or pavement.
3. Rubble from the removal of miscellaneous structures and excess excavation which is to be used shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved.
4. This project includes a certain amount of roll type curb construction. Roll Curbs shall be depressed through all driveway openings when such drives are constructed as a part of the project. No more than 1/2" drives 1/2" feet in width, or equivalent combinations thereof, are to be constructed with this project.
5. Widened gutter section of combined curb and gutter at intersections will not be paid for directly, and this cost shall be considered as subsidiary to the other contract pay items of work.
6. Limits of earthwork shall match existing ground elevations at the right-of-way line unless otherwise noted on the plans with a new finished grade elevation. When a new finished grade elevation is shown, the earthwork shall extend one foot beyond the right-of-way line and then sloped up or down using permissible slopes to match the existing ground surface.
7. Contractor shall give property owners abutting this project, whose yards will be lower than the new finished grade elevations at the right-of-way line, an opportunity to utilize excess excavated material from the project to regrade their yards to drain to the new pavement. Contractor will be required to dump and spread the excess material as required by the specification when requested by the property owner. The Contractor shall ascertain that a dirt order form has been properly executed by the property owner before any such excess material is delivered to such properties.
8. The Contractor will be permitted to bid only one of the alternate types of subgrade treatment. The type bid by the successful bidder will be the type of subgrade treatment used to construct the project.
9. The Contractor shall be responsible for preserving property irons. The Contractor will 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 level surveyor in accordance with state laws.

IMPROVEMENT DISTRICT -----

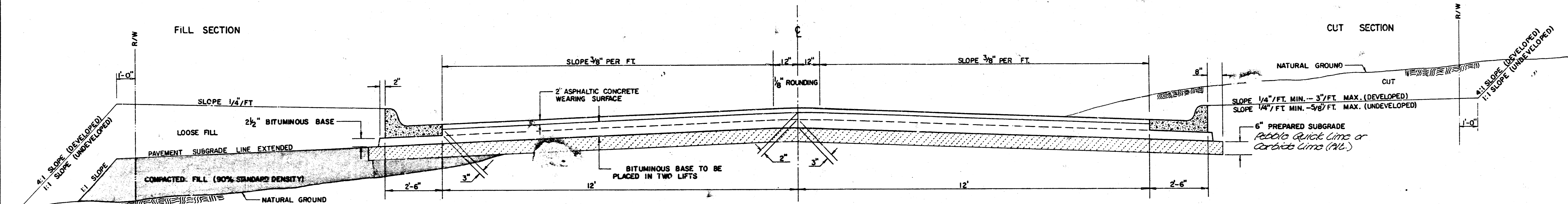


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BAUCHMAN COMPANY P. A.
 SURVEYING & ENGINEERING
 316/262-7271 • 315 ELIJAH • WICHITA, KANSAS 67211

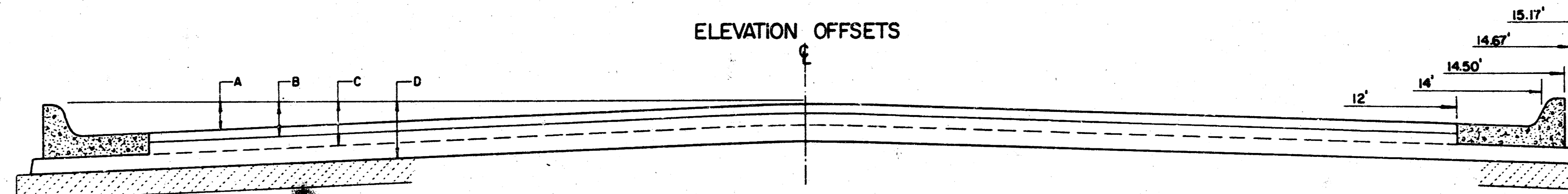
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TYPICAL 29' PAVEMENT DETAILS

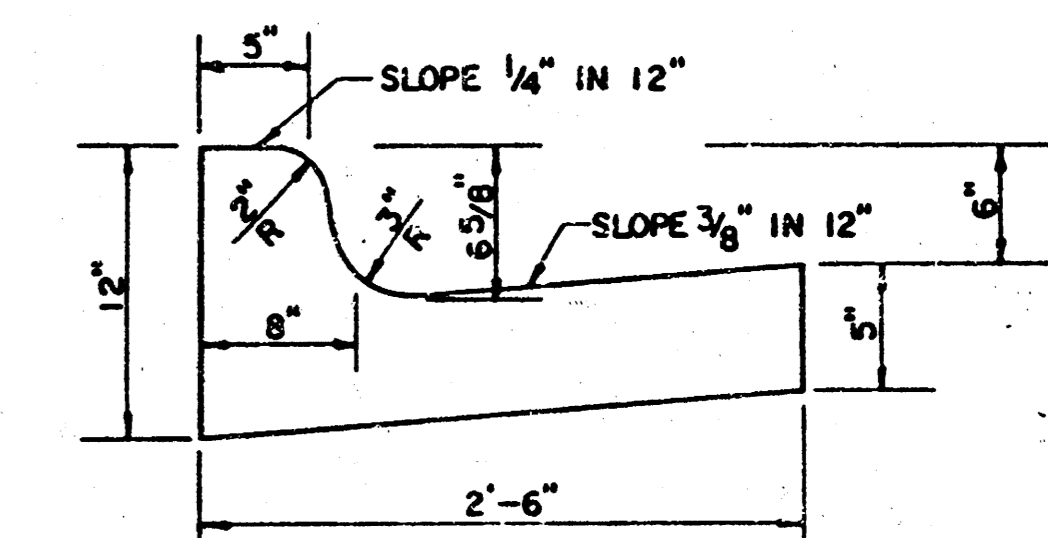
TRANSVERSE SECTION



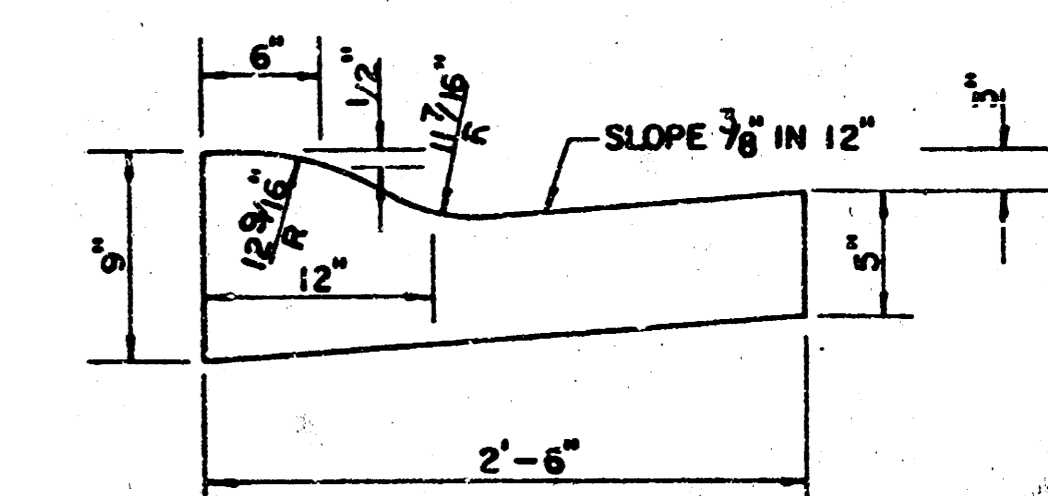
ELEVATION OFFSETS



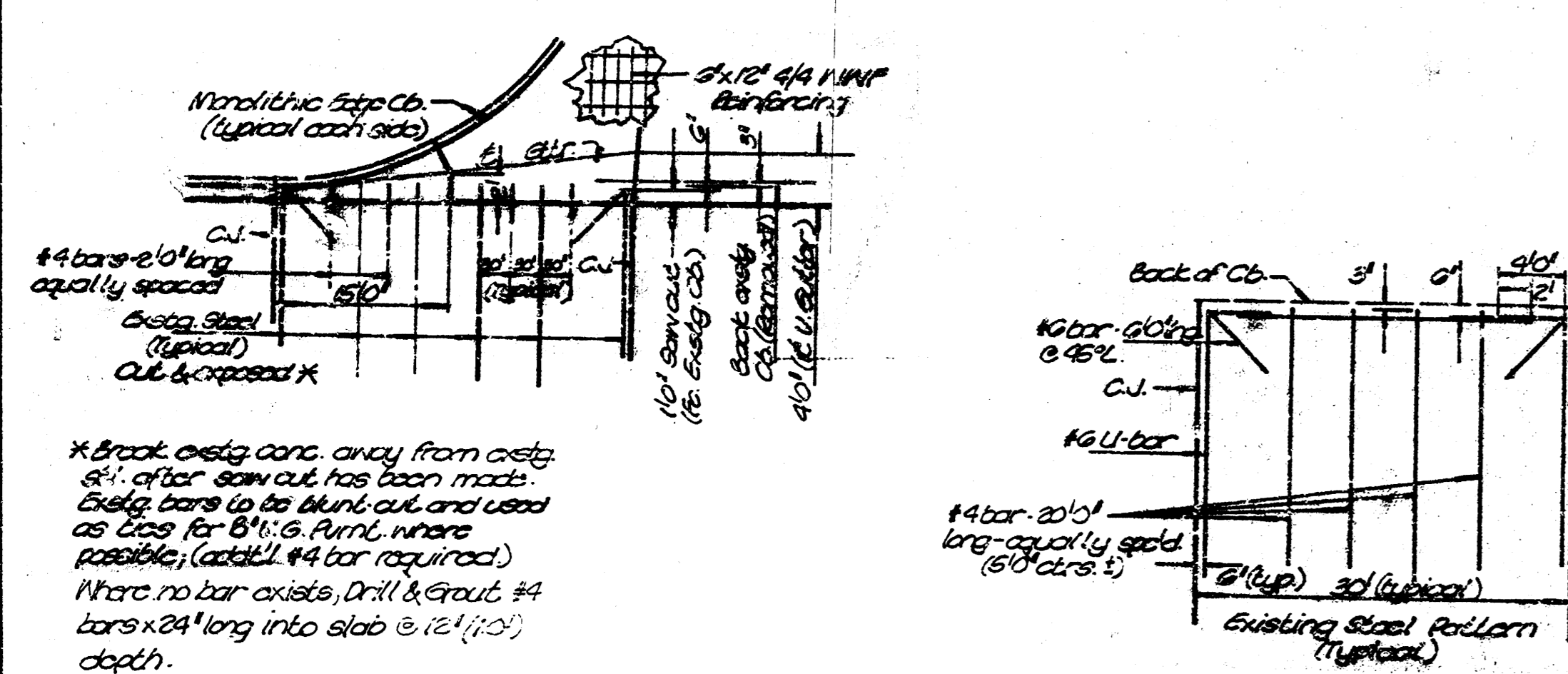
COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



VALLEY GUTTER DETAILS

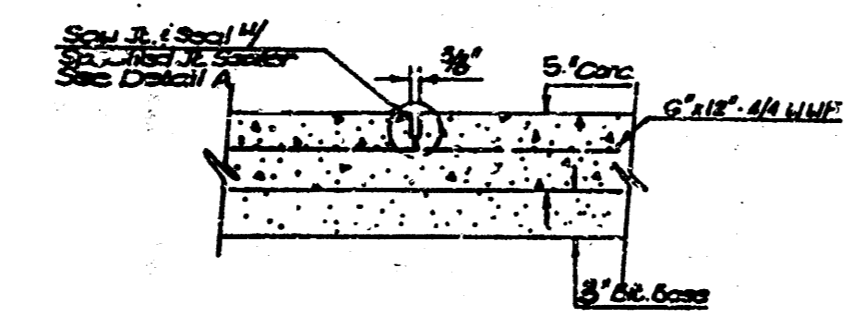


	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	14.67'	15.17'	
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—	—	
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.67	—	—	—	—	
C: TOP OF CURBS TO TOP 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	0.98	1.05	1.12	1.19	1.21	1.21	1.23	

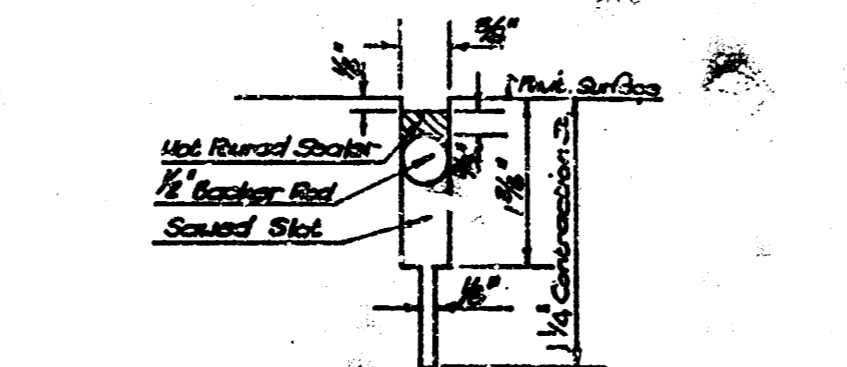
LONGITUDINAL JOINT DETAIL



CONTRACTION JOINT DETAIL



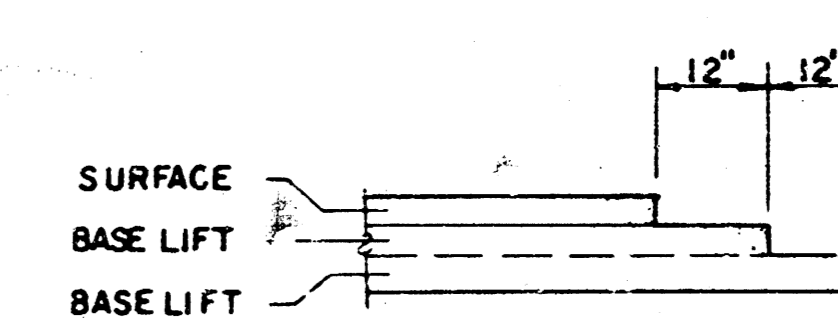
DETAIL A



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.

TRANSVERSE CONSTRUCTION JOINTS



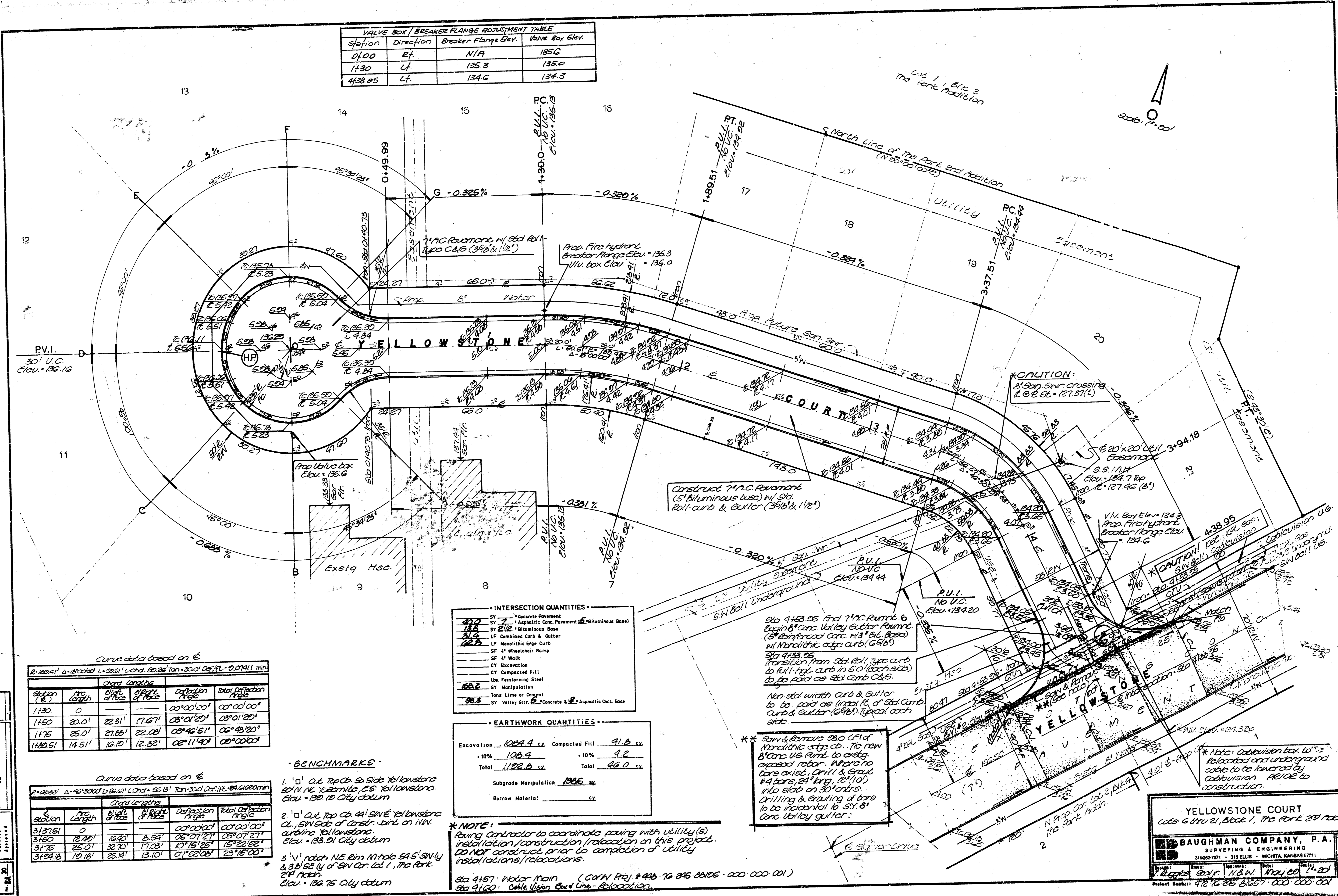
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC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

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

PROJECT NUMBER
472 76 246 81667 000 000 001 2/6

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VALVE BOX / BREAKER FLANGE ADJUSTMENT TABLE			
Station	Direction	Breaker Flange Elev.	Valve Box Elev.
0+00	Rt.	N/A	135.6
1+30	Lt.	135.3	135.0
4+38.95	Lt.	134.6	134.3



Curve data based on ϵ

Station	Arc Length	Chord Length	Chord Bearing	Deflection Angle	Total Deflection Angle
1+30	0			00°00'00"	00°00'00"
1+50	20.0'	22.31'	17.67'	03°01'20"	03°01'20"
1+75	25.0'	27.85'	22.08'	03°46'51"	06°48'11"
1+80.51	14.51'	16.10'	12.82'	02°11'40"	08°59'51"

Curve data based on ϵ

Station	Arc Length	Chord Length	Chord Bearing	Deflection Angle	Total Deflection Angle
3+37.61	0			00°00'00"	00°00'00"
3+50	12.40'	14.30'	5.84'	03°01'27"	03°01'27"
3+75	25.0'	32.70'	17.03'	07°16'25"	10°17'52"
3+94.18	19.18'	25.14'	13.10'	07°52'00"	18°10'00"

INTERSECTION QUANTITIES

370	Concrete Pavement
188	Asphaltic Conc. Pavement (Bituminous Base)
314	Bituminous Base
228	LF Combined Curb & Gutter
	LF Manhole Edge Curb
	SF 4" Wheelchair Ramp
	SF 4" Walk
	CY Excavation
	CY Compacted Fill
662	Lbs. Reinforcing Steel
	SY Manipulation
	Tons Lime or Cement
98.3	Valley Gtr. (Concrete & Asphaltic Conc. Base)

EARTHWORK QUANTITIES

Excavation	1084.9 cy	Compacted Fill	41.8 cy
+10%	1084	+10%	4.2
Total	1122.6 cy	Total	46.0 cy
Subgrade Manipulation	1906 sy		
Borrow Material	_____ cy		

- BENCHMARKS
- 1' 0" O.C. Top Ch. 50 Side Yellowstone Cl. SW side of Const. Joint on NW curbing Yellowstone. Elev. = 130.10 City datum
 - 2' 0" O.C. Top Ch. 44 SW Side Yellowstone Cl. SW side of Const. Joint on NW curbing Yellowstone. Elev. = 133.01 City datum
 - 3' 0" notch NE rim of hole 54'S SW 1/4 & 38'S 21/4 of SW Cor. Lot 1, The Park 2nd notch. Elev. = 130.75 City datum

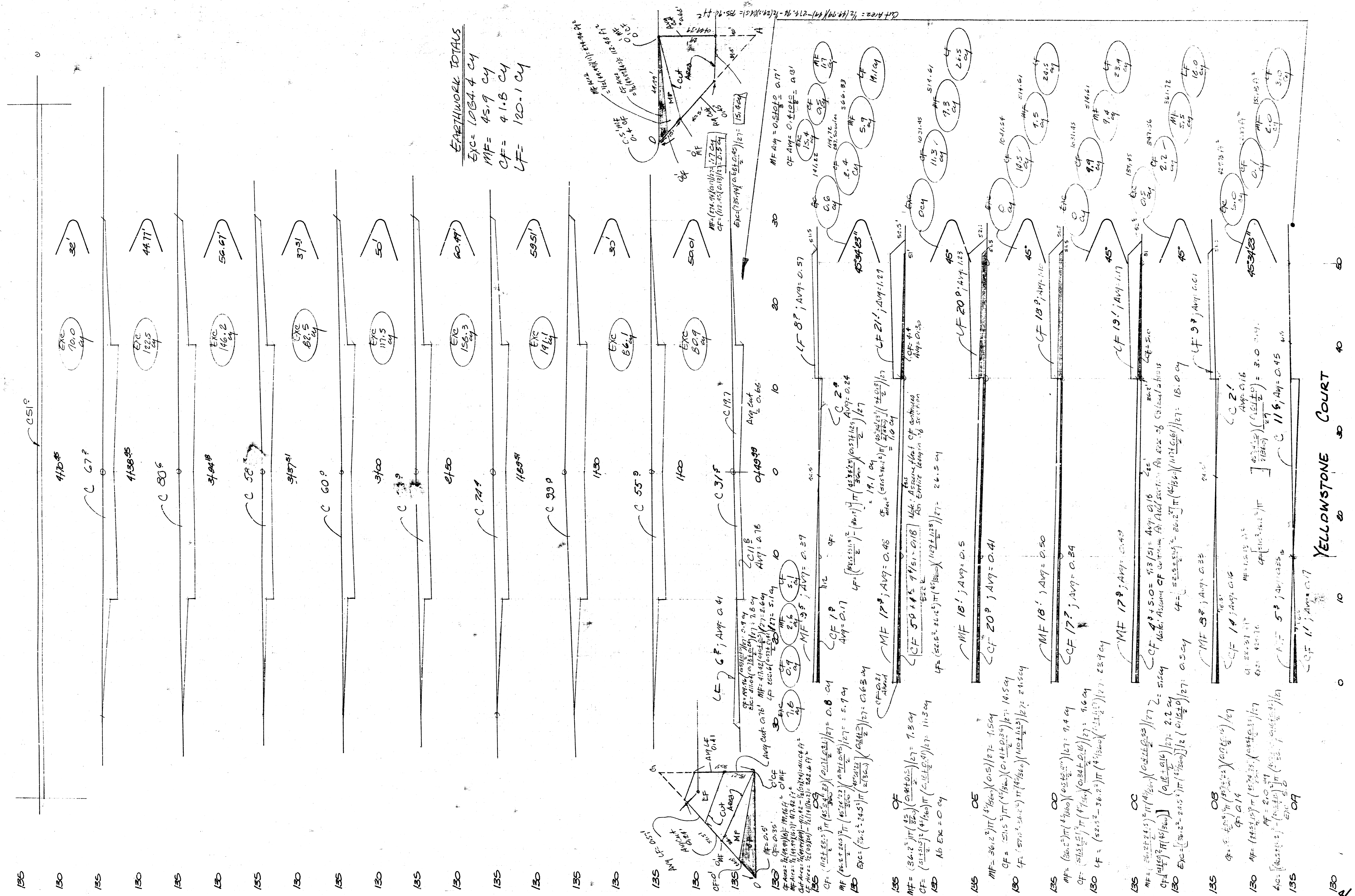
NOTE:
 Having Contractor to coordinate paving with utility(s) installation/construction/relocation on this project. DO NOT construct prior to completion of utility installations/relocations.
 Sta 4+157: Water Main (C&W Proj. # 446 To 845 8205 - 000 000 001)
 Sta 4+160: Cable Vision Bow Line - Relocation

YELLOWSTONE COURT
 Lots 6 thru 21, Block 1, The Park 2nd notch.

BAUGHMAN COMPANY, P.A.
 SURVEYING & ENGINEERING
 31025-7271 • 310 ELLIS • WYOMING, WYOMING 82711

Project Number: 47876 245 81257 000 000 001

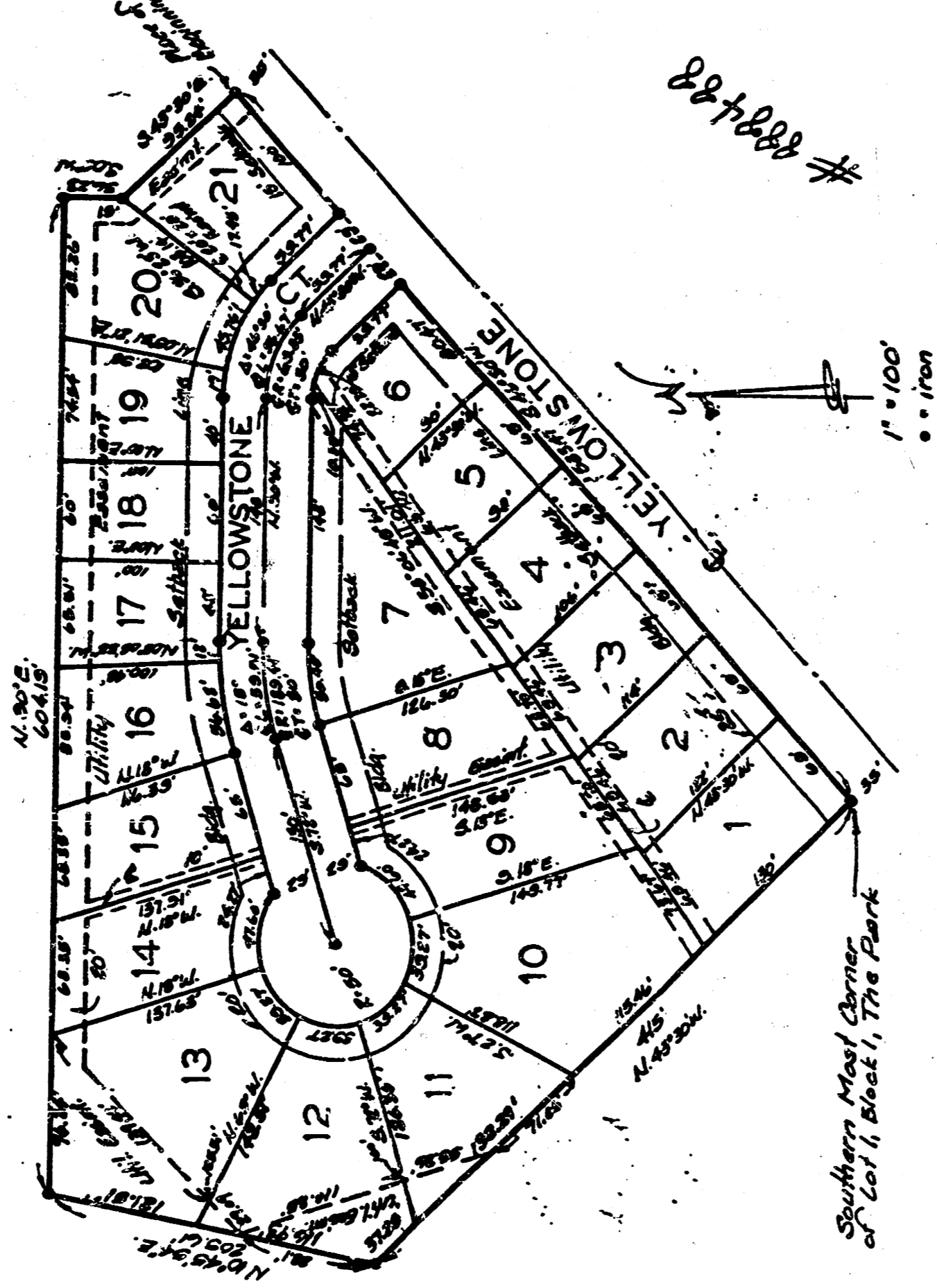
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EARTHWORK SECTIONS
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THE PARK 2ND ADDITION
WICHITA, KAISAS



State of Kansas 38.8 We, Baughman Company, P.A. Surveyors in Sedgewick County and state do hereby certify that we have surveyed and plotted "THE PARK 2ND ADDITION" in Wichita, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed, described as and being a replat of that part of Lot 1, Block 1, The Park, an addition to Wichita, Sedgewick County, Kansas, described as commencing at the N.E. Corner of said Lot 1; thence 800' E, along the east line of said Lot 1, 2111 feet to the P.C. of a curve; thence southwesterly along the east line of said Lot 1 and on a curve to the right having a radius of 420 feet a distance of 540.25 feet to the P.T. of said curve; thence S 46° 50' 14" along the southwesterly line of said Lot 1, 191 feet to a place N 00° E 36.25 feet; thence N 43° 50' 14" 55.25 feet to the west line of said Lot 1; thence S 10° 49' 54" 14" along the west line of said Lot 1, 203.61 feet to the S.W. corner of said Lot 1; thence S 43° 50' E, along the southwesterly line of said Lot 1, 415 feet to the S.E. corner of said Lot 1; thence N 44° 50' E, along the southwesterly line of said Lot 1, 533.47 feet to the place of beginning, being situated in the N.W. 1/4 of Sec. 5, Twp 28-S, R. 14-W of the 6th P.M., Sedgewick County, Kansas.

This plat of "THE PARK 2ND ADDITION," Wichita, Kansas, has been submitted to and approved by the Wichita-Sedgewick County Metropolitan Area Planning Commission. Dated this 13th day of February, 1987. Ernie T. Grooms Chairman
John S. Smith Secretary

2 Jan 1987
Baughman Company, P.A.
Mark A. Seery Surveyor
Mark A. Seery

I know all men by these presents that have signed, designed, and certified to be plotted in this plat to be known as "THE PARK 2ND ADDITION," Wichita, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The street is hereby dedicated to and for the use of the public.

This plat approved and all dedications shown herein accepted by the City Council of the City of Wichita, Kansas, this 9th day of January, 1987. John S. Smith Mayor
John S. Smith Deputy City Clerk

A. J. Berries Real Estate, Inc. A. J. Berries President
A. J. Berries

Entered on transfer record this 13th day of January, 1987. John S. Smith County Clerk

State of Kansas 38.8 The foregoing instrument acknowledged before me this 13th day of January, 1987, by A. J. Berries, President of A. J. Berries Real Estate, Inc., on behalf of the corporation. John S. Smith Notary Public
My Comm. Exp. 05-23-91

This is to certify that this plat has been filed for record in the office of the Register of Deeds this 13th day of January, 1987, at 1:00 P.M., and is duly recorded.

State of Kansas 38.8 The foregoing instrument acknowledged before me this 13th day of January, 1987, by Doris M. Cornejo and Carmen M. Cornejo, his wife. Doris M. Cornejo Notary Public
My Comm. Exp. 05-23-91

We, the undersigned, holder of a mortgage on the above described property, do hereby consent to this plat of "THE PARK 2ND ADDITION," Wichita, Kansas.

State of Kansas 38.8 The foregoing instrument acknowledged before me this 13th day of January, 1987, by Bruce G. Mansberry and Sherry L. Mansberry, his wife. Bruce G. Mansberry Notary Public
My Comm. Exp. 05-23-91

Prairie State Bank Steven R. Grooms Assistant Vice President
Ernie T. Grooms
Notary Public
My Comm. Exp. 05-23-91

State of Kansas 38.8 The foregoing instrument acknowledged before me this 13th day of January, 1987, by Steven R. Grooms, Assistant Vice President of Prairie State Bank, on behalf of the corporation. Ernie T. Grooms Notary Public
My Comm. Exp. 05-23-91

C-2 5-26

C-2 5-26