

Street Improvements For

THE NETT PARK ADDITION

Yosemite Drive

Lots 1 - 22 inclusive, Block A, The Nett Park Addition
From the W.L. Maize Road to W.L. Yellowstone

Project No.

472 76 245 81617 000 000 001

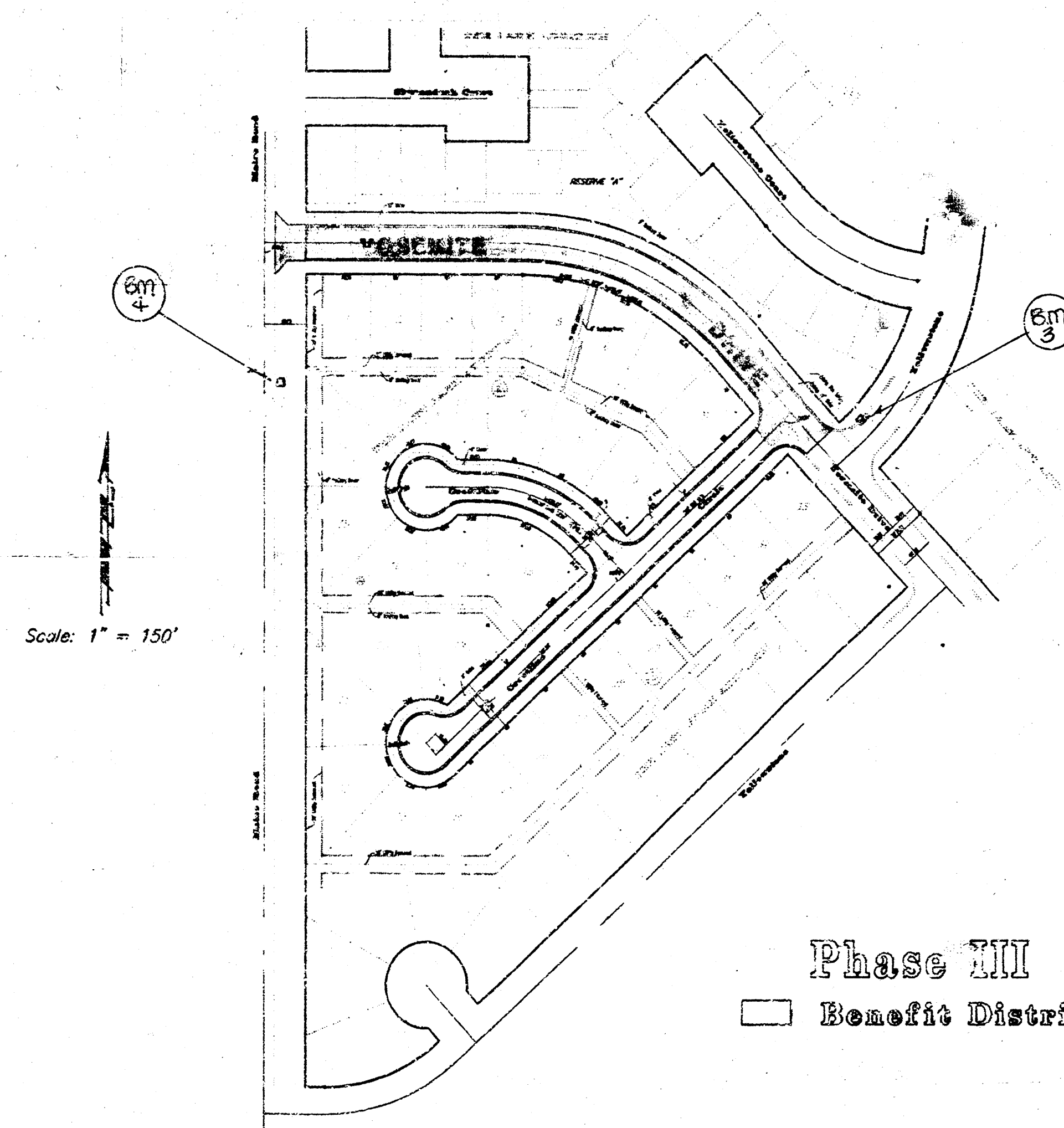
City of Wichita, Kansas - Michael E. Lindebak, City Engineer

Index Code: 761114

General Notes

1. Contractor will be required to provide notice to utility companies a minimum of TWENTY-FOUR (24) HOURS PRIOR to any excavation, as follows:
Kansas One-Call 667-2470
THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY and/or information:
Cablevision 268-4270 or 263-2001
K.P.L. Gas Service Company 263-7511
Kansas Gas & Electric Company 264-1141
Arkla Gas Company 944-8350 or 263-8151
S.W. Bell Telephone Company 1-571-2811
City of Wichita Water Department 266-4908
City of Wichita Sewer Maintenance 268-4071
City of Wichita Engineering Division 268-4301
2. Utility service lines, poles, valve boxes, meters, and structures 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.
3. The Contractor shall be responsible for preserving property lines. The Contractor will be required to re-establish any property lines which are damaged or destroyed by his construction operations. Such lines shall be reestablished by a licensed land surveyor in accordance with state laws.
4. No more than 6 - 18 foot driveways to be constructed on this project.
5. 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.

TRAFFIC WILL NOT BE EFFECTED BY CONSTRUCTION ON THIS PROJECT.

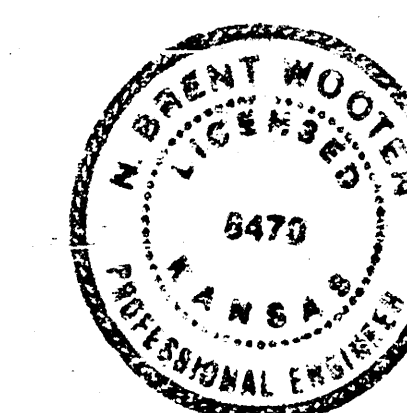


Benchmarks

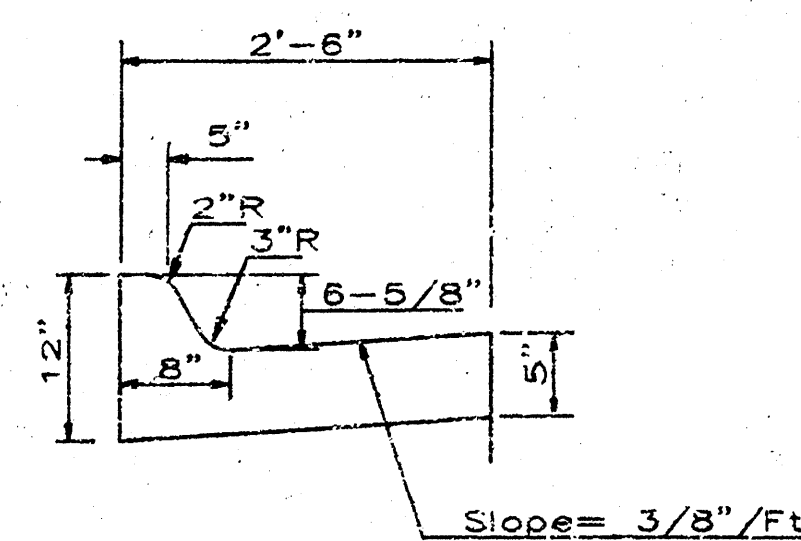
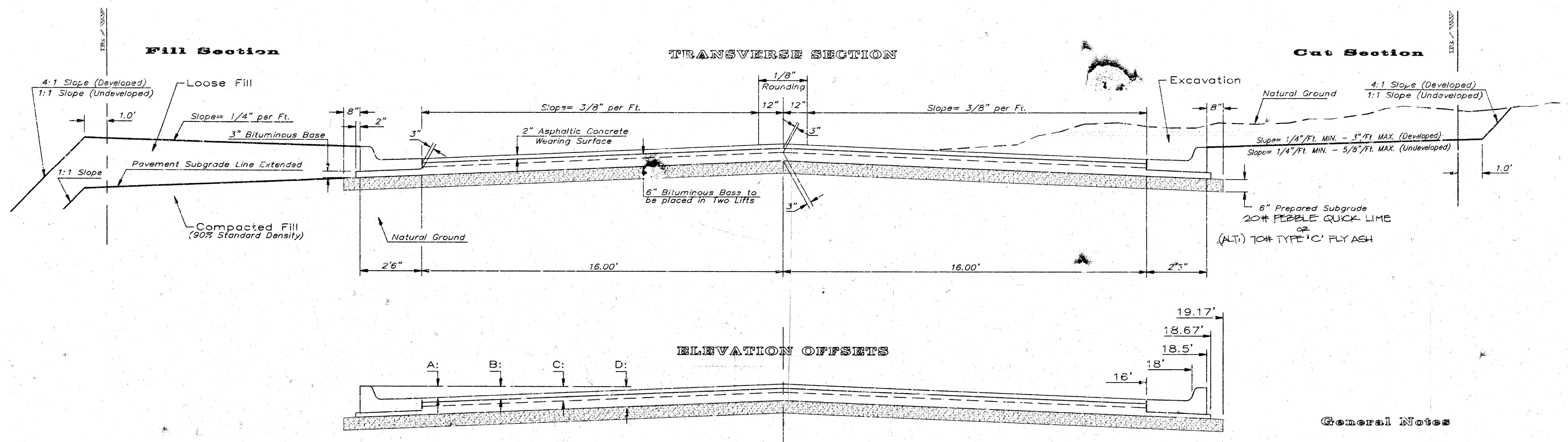
1. City Disc: Maize Rd. @ 27th St. So. 25' E. and 4' S. of 1/4 Sec. cor. Elev. = 145.54 City datum
 2. City Disc: S.E. Cor N.W. 1/4 Sec. (Sec. 3, T28S, R1W) Elev. = 128.38 City datum
 3. "a" Cut Top of curb N. end N.W. return Yosemite @ Yellowstone. Elev. = 139.98 City datum
- BM 14 R.R. Spike in PP E. Side, 192' Lt. Sta 19+88 CL Yosemite (28.7' W. of 50' Iron) Elev. = 147.93

Index of Sheets

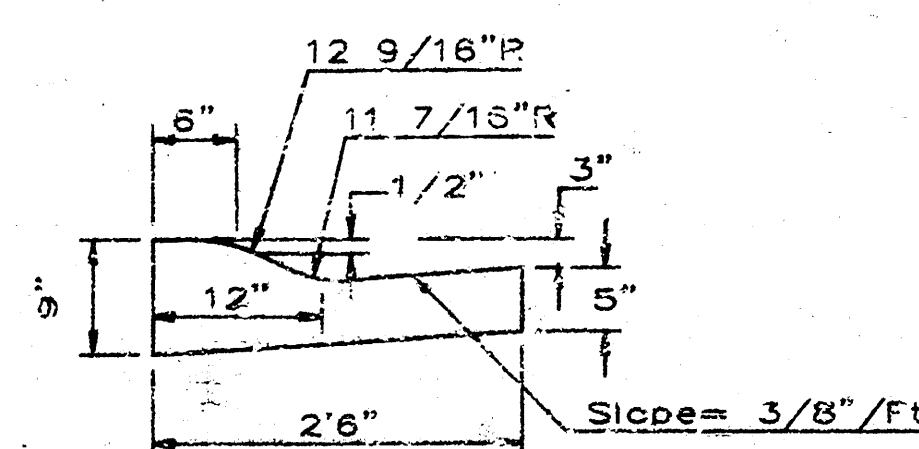
Title Sheet	1
Typical Pavement Section	2
Alt Pavement Section	2A
Valley Gutter Detail	3
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Earthwork X-Sections	6 - 7
Plot Copy	8



TYPICAL 37' B-B PAVEMENT DETAILS

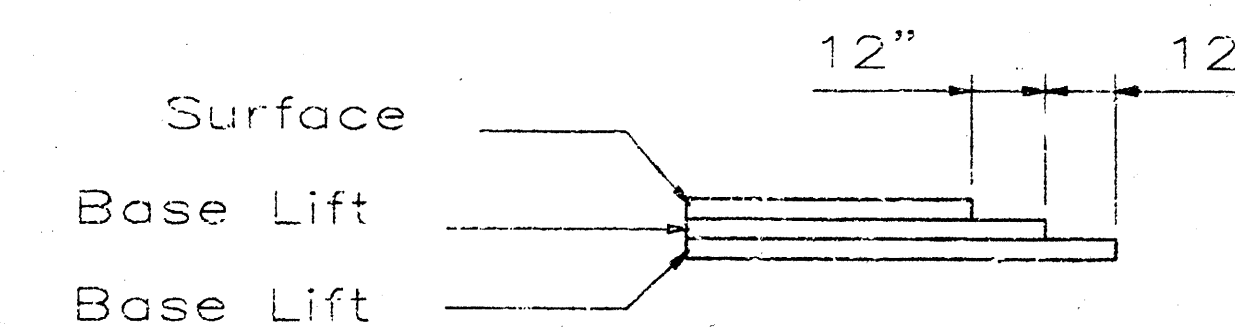


COMBINED CURB & GUTTER



COMBINED ROLL TYPE CURB & GUTTER

	0'	2'	4'	5'	8'	10'	12'	14'	16'	18'	18.5'	18.67'	19.17'
A: Top of Curbs to Top of Surface Lift	0.01	.05	0.11	0.18	0.24	0.30	0.36	0.43	0.49	—	—	—	—
B: Top of Curbs to Top of Upper Base Lift	0.17	0.22	0.28	0.34	0.40	0.47	0.53	0.59	0.65	—	—	—	—
C: Top of Curbs to Top of Lower Base Lift	0.42	0.47	0.53	0.59	0.65	0.72	0.78	0.84	0.90	0.97	0.98	0.99	—
D: Top of Curbs to Top of Subgrade	0.67	0.72	0.78	0.84	0.90	0.97	1.03	1.09	1.15	1.22	1.23	1.24	1.25



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\"/>

General Notes

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 8\"/>

THE BITUMINOUS BASE UNDER AND BEHIND THE COMB. CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 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.

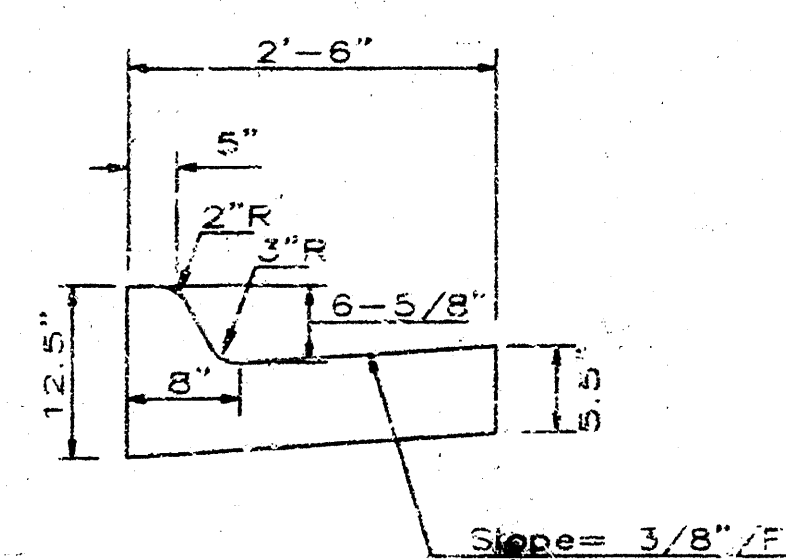
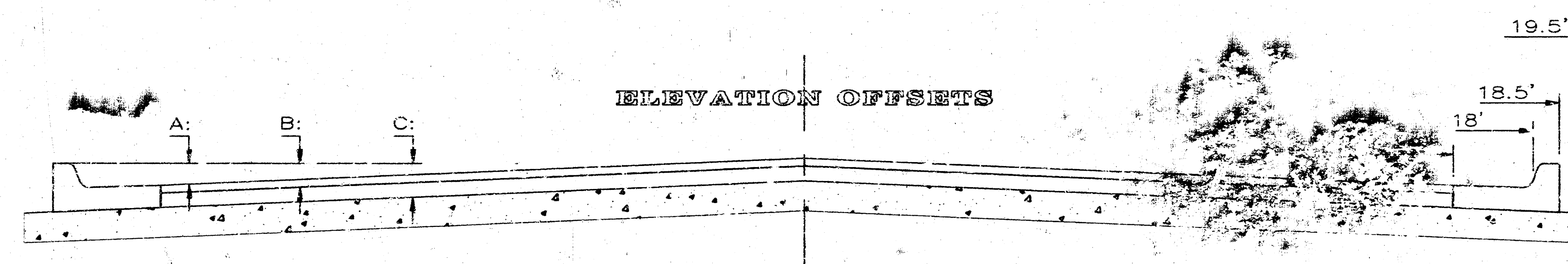
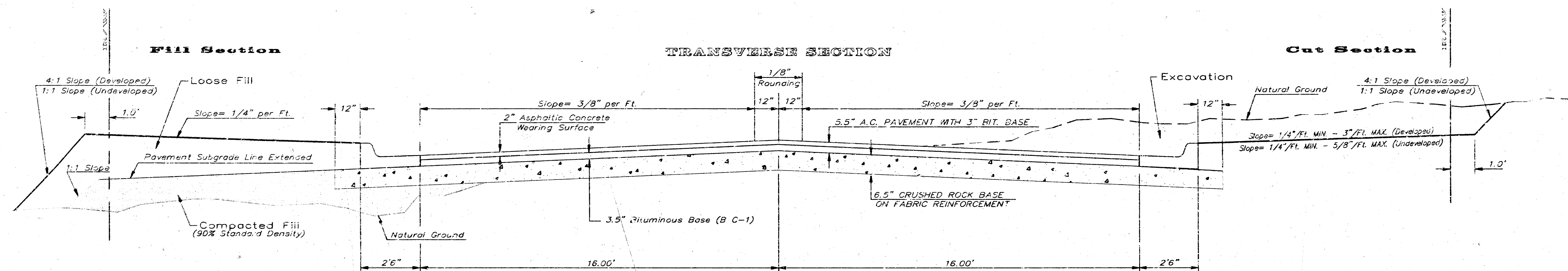
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

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.

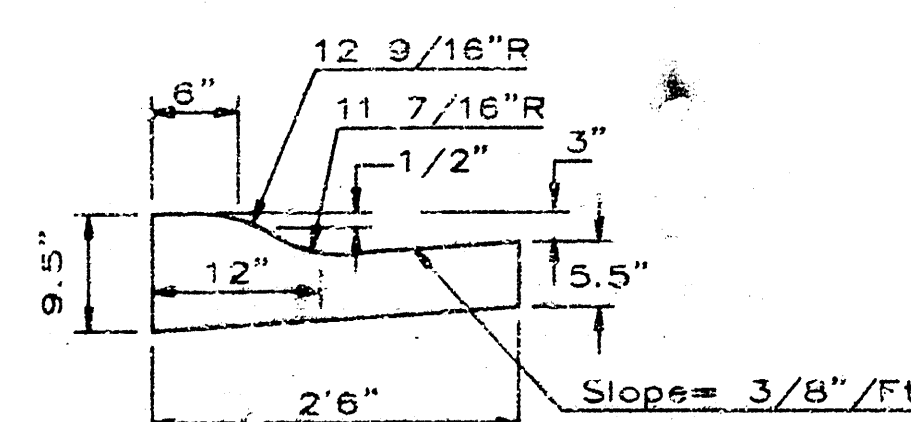
CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

8 INCH Residential Asphaltic Concrete Pavement with 6 INCH Bituminous Base			
City of Wichita, Kansas			
BAUGHMAN COMPANY P. A.		ENGINEERING & SURVEYING	
318/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211		PROJECT NUMBER	
472 76 245		000 000 001	
DESIGN	DRAWN	APPROVED	DATE
			SCALE
SHEET			2
OF			8

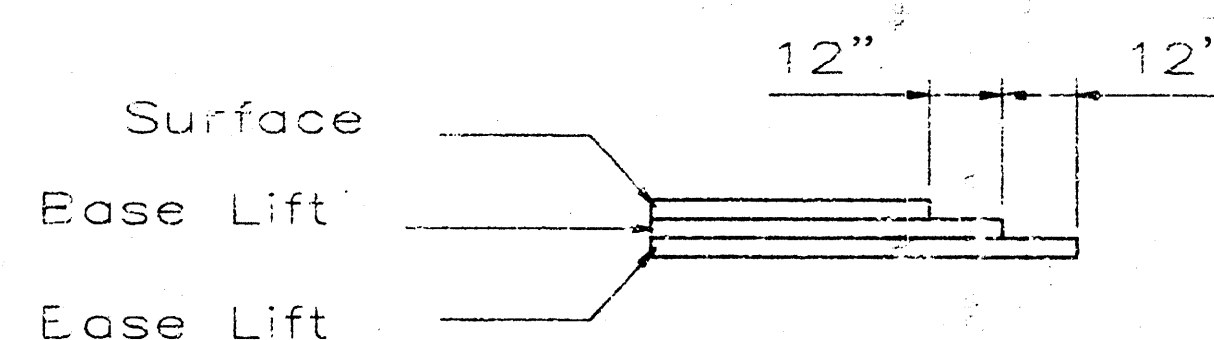
TYPICAL 37' B B PAVEMENT DETAILS



COMBINED CURB & GUTTER



COMBINED ROLL TYPE 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 5.5" ASPHALTIC CONCRETE (3.5" BITUMINOUS BASE).

	0'	2'	4'	6'	8'	10'	12'	14'	16'	18'	18.5'	19.5'
A: Top of Curbs to Top of Surface Lift	0.01	.05	0.11	0.18	0.24	0.30	0.36	0.43	0.49	—	—	—
B: Top of Curbs to Top of Upper Base Lift	0.17	0.22	0.28	0.34	0.40	0.47	0.53	0.59	0.65	—	—	—
C: Top of Curbs to Top of C.R. Subgrade	0.47	0.51	0.57	0.64	0.70	0.76	0.82	0.89	0.95	1.01	1.02	1.06

General Notes

FABRIC BASE REINFORCEMENT SHALL BE B X 1130 GEOGRID AS MANUFACTURED BY TENSAR CORPORATION OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CRUSHED ROCK SHALL BE UNIFORMLY GRADED FROM 1-1/2" MAXIMUM SIZE TO NOT MORE THAN 10% PASSING A NO. 200 SIEVE. ROCK QUALITY SHALL BE THE SAME AS SPECIFIED FOR COARSE AGGREGATE FOR CONCRETE MIXES.

ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

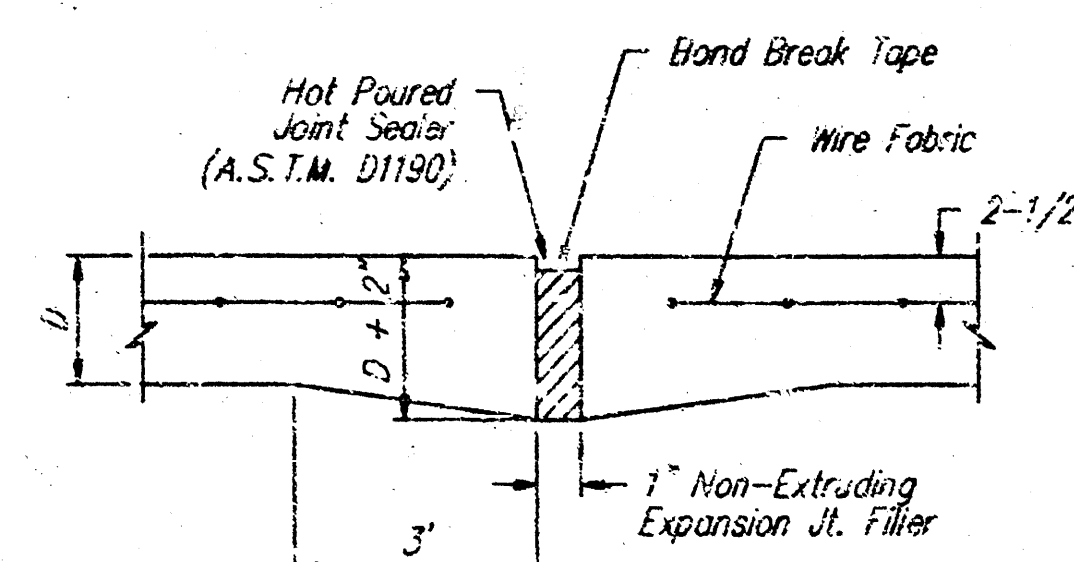
A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

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.

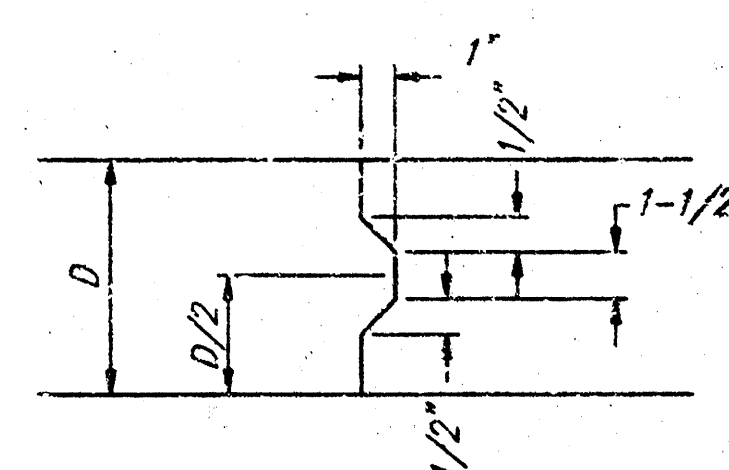
THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 5.5" ASPHALTIC CONCRETE (3.5" BITUMINOUS BASE).

5 1/2 INCH Residential Asphaltic Concrete Pavement with Crushed Rock Base on Fabric Reinforcement City of Wichita, Kansas			
BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211		REV.	
PROJECT NUMBER 472 76 245 810:7 000 000 001		SHEET 2A	
DESIGN	DRAWN	APPROVED	DATE
SCALE		6	

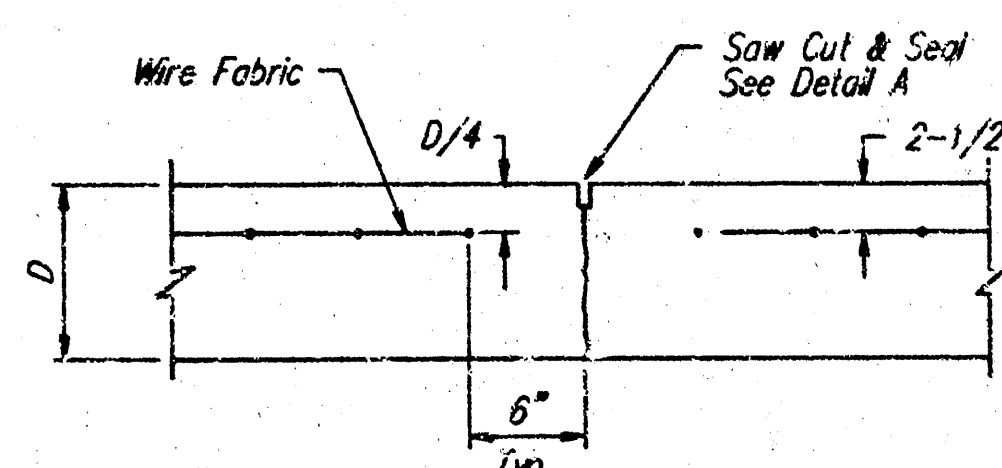


EXPANSION JOINT

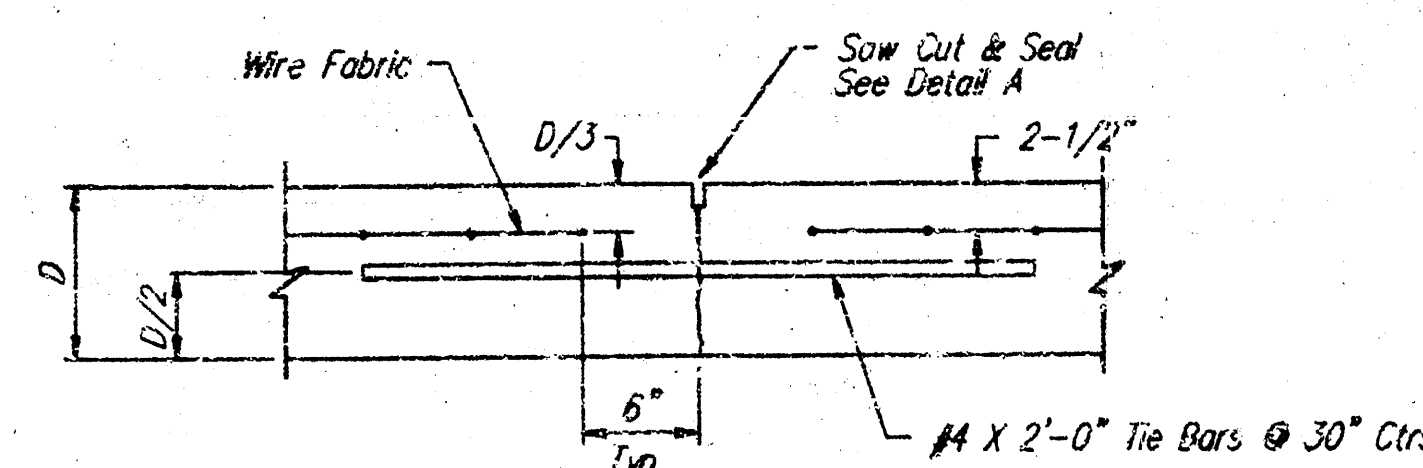
NOTE: Extra Thickness to be Subsidiary to Price of Square Yards Pavement



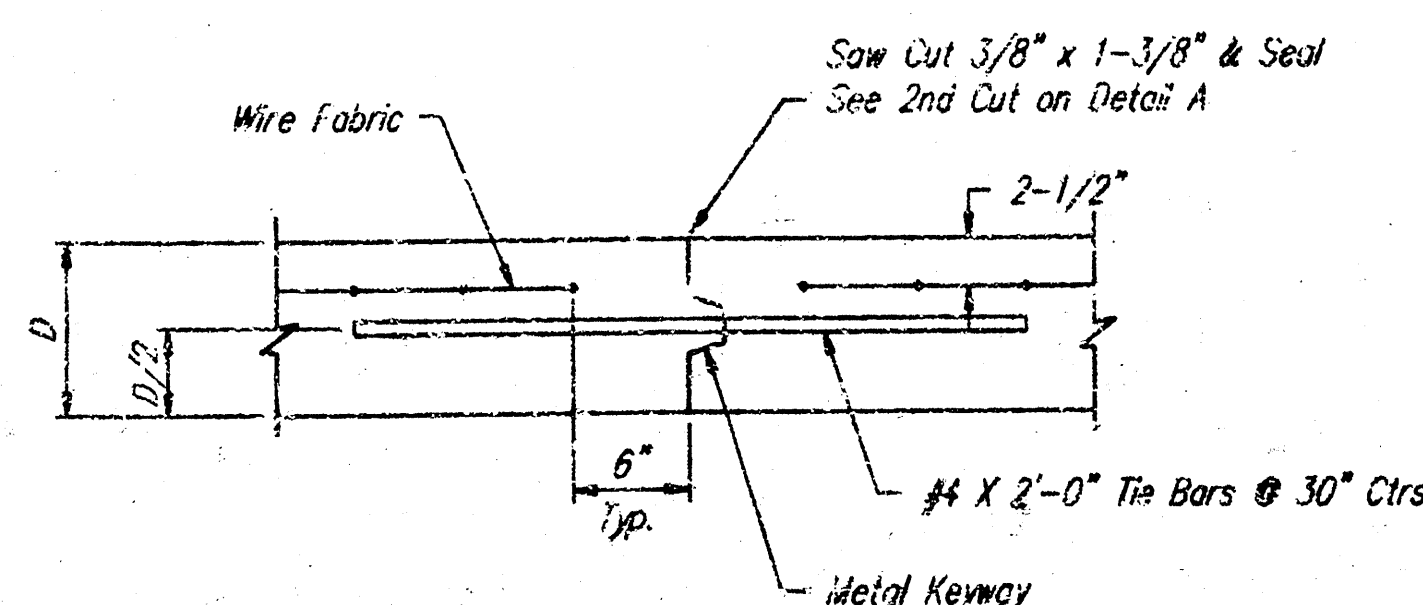
KEYWAY DETAIL



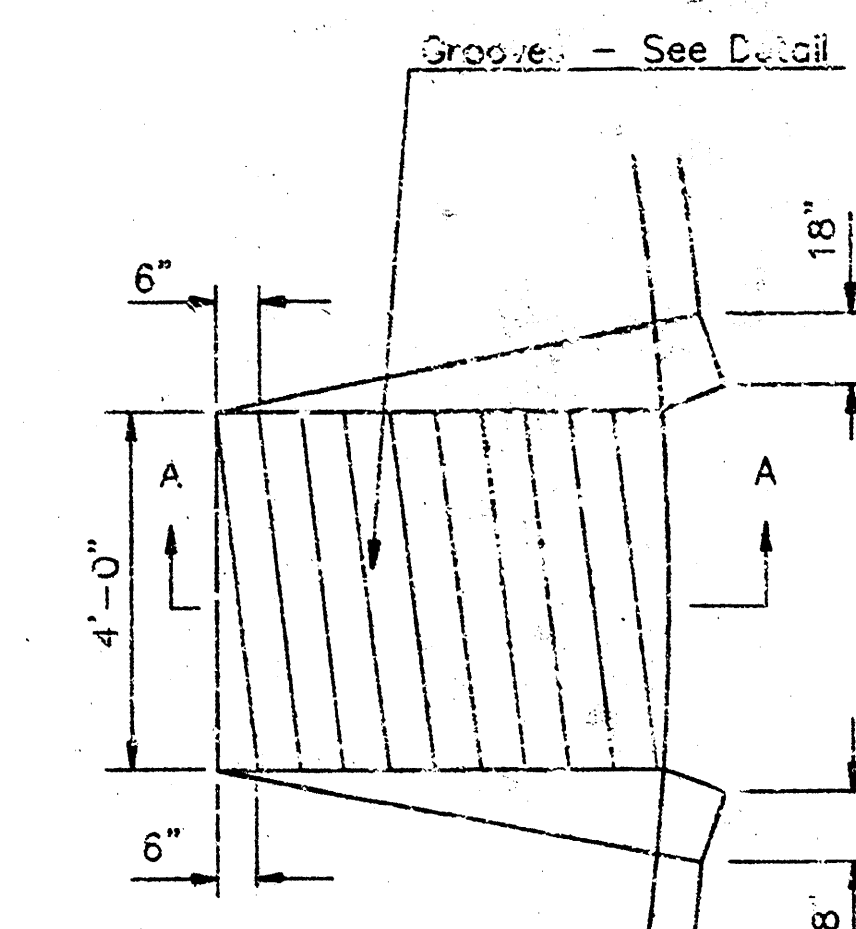
CONTRACTION JOINT DETAIL (C.J.)



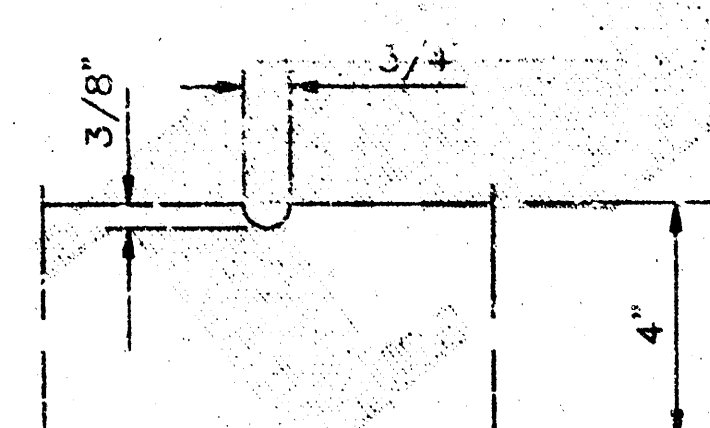
LONGITUDINAL JOINT DETAIL (L.J.)



LONGITUDINAL JOINT DETAIL (L.J.)

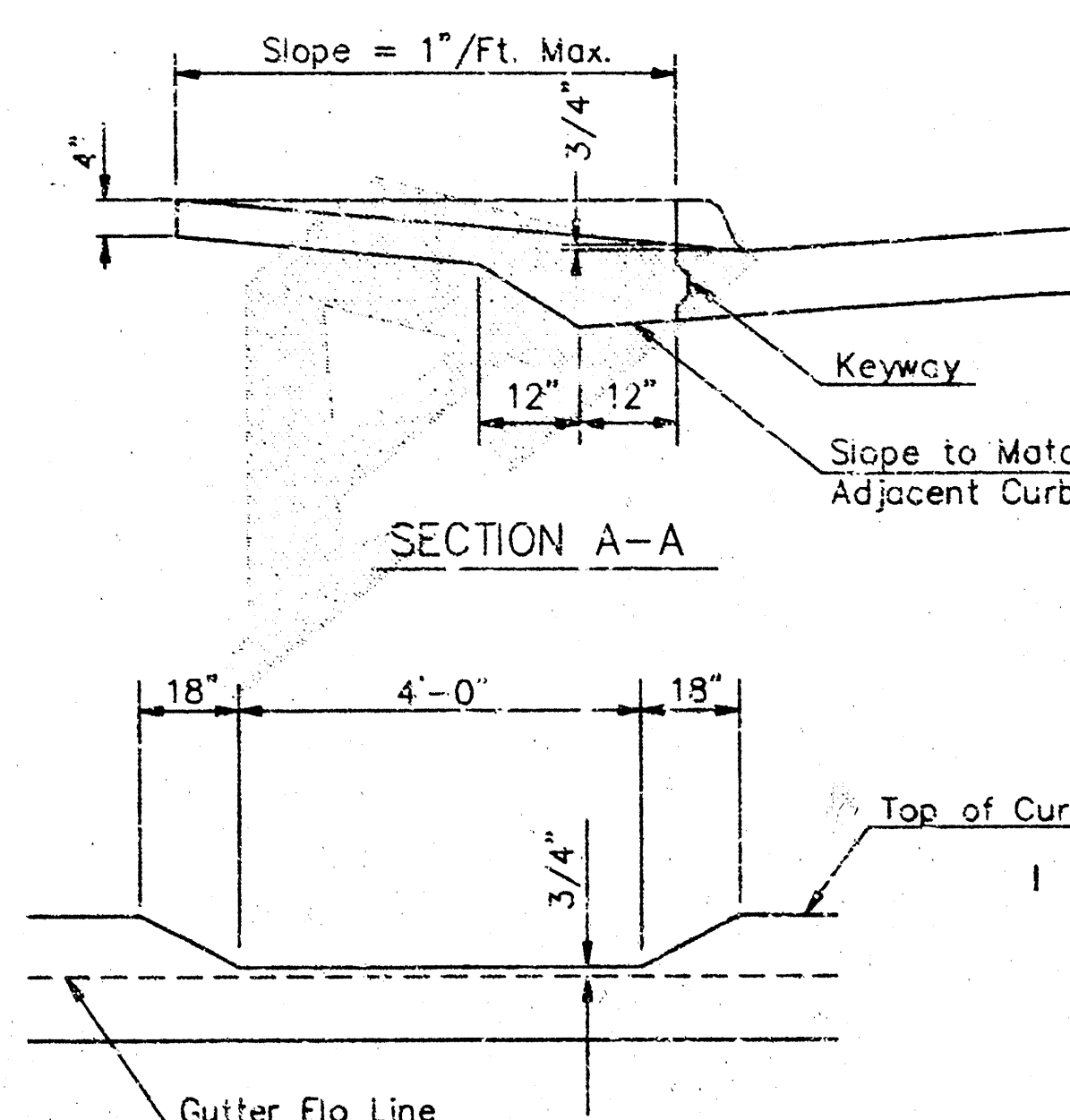


WHEELCHAIR RAMP PLAN VIEW

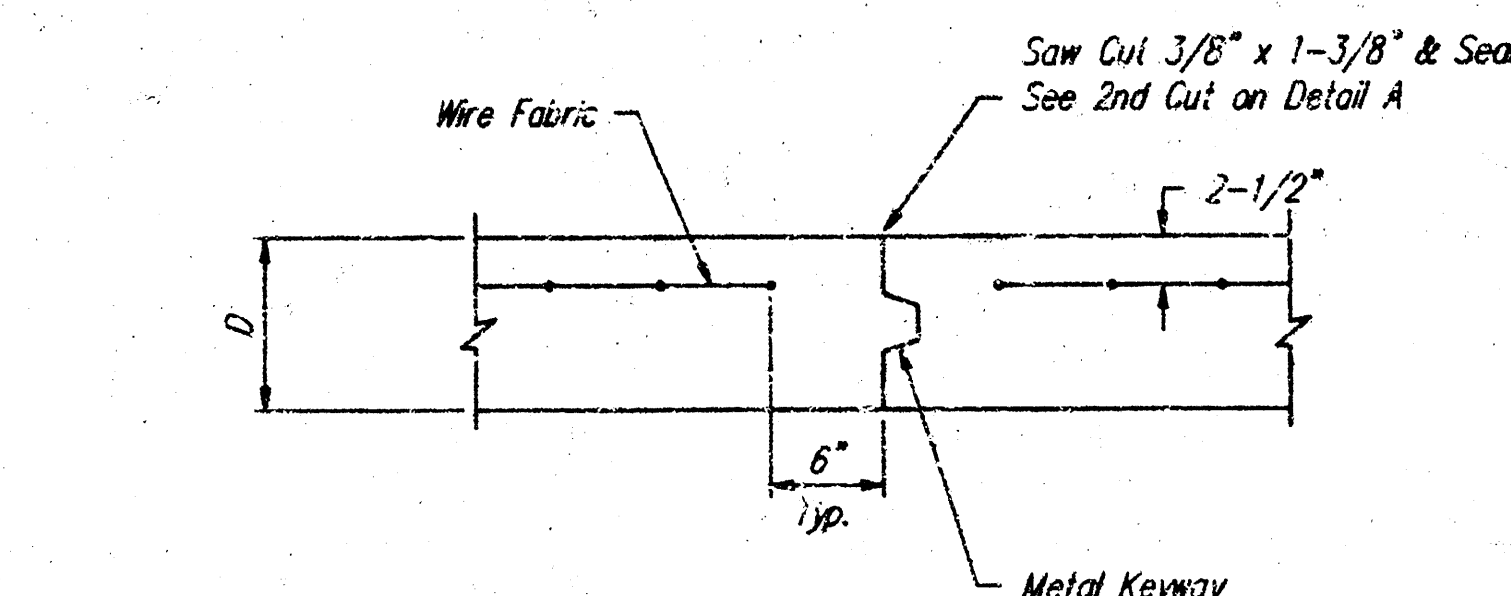


GROOVE DETAIL

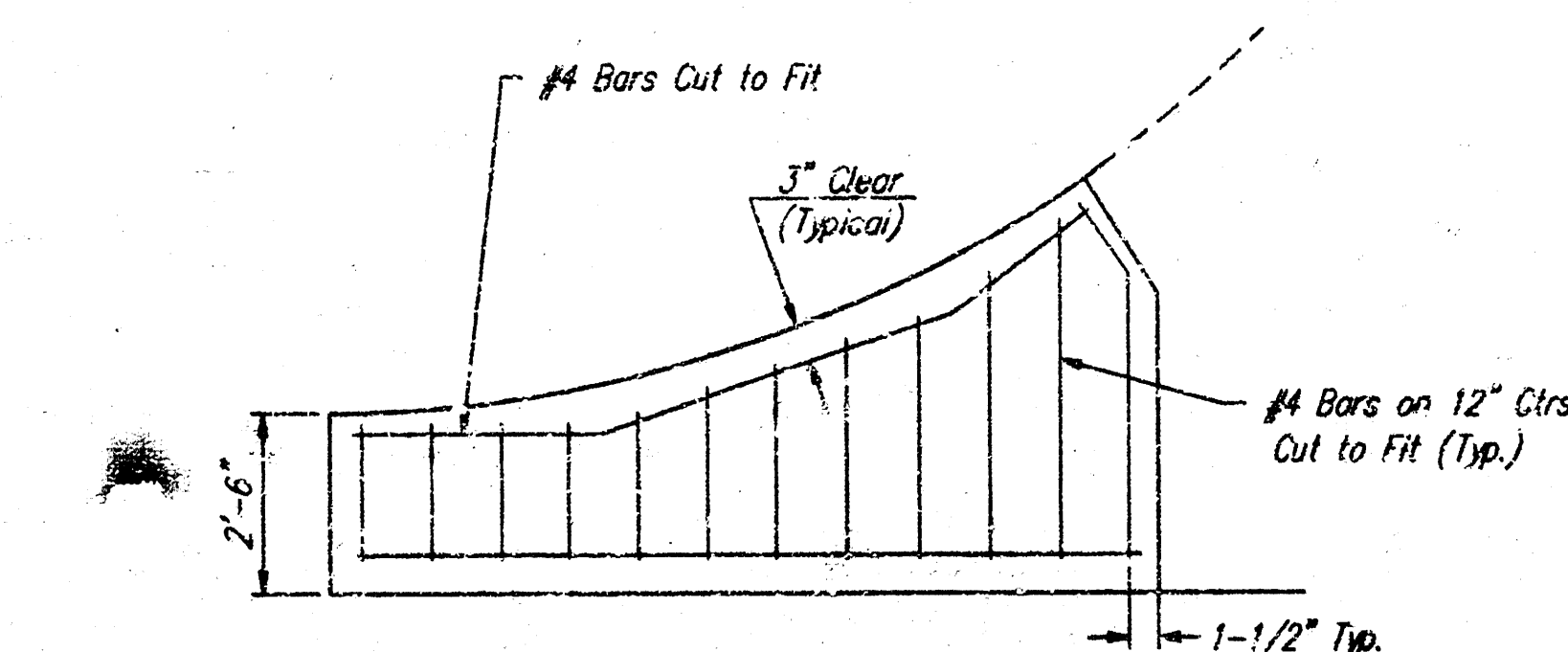
WHEELCHAIR RAMP DETAIL



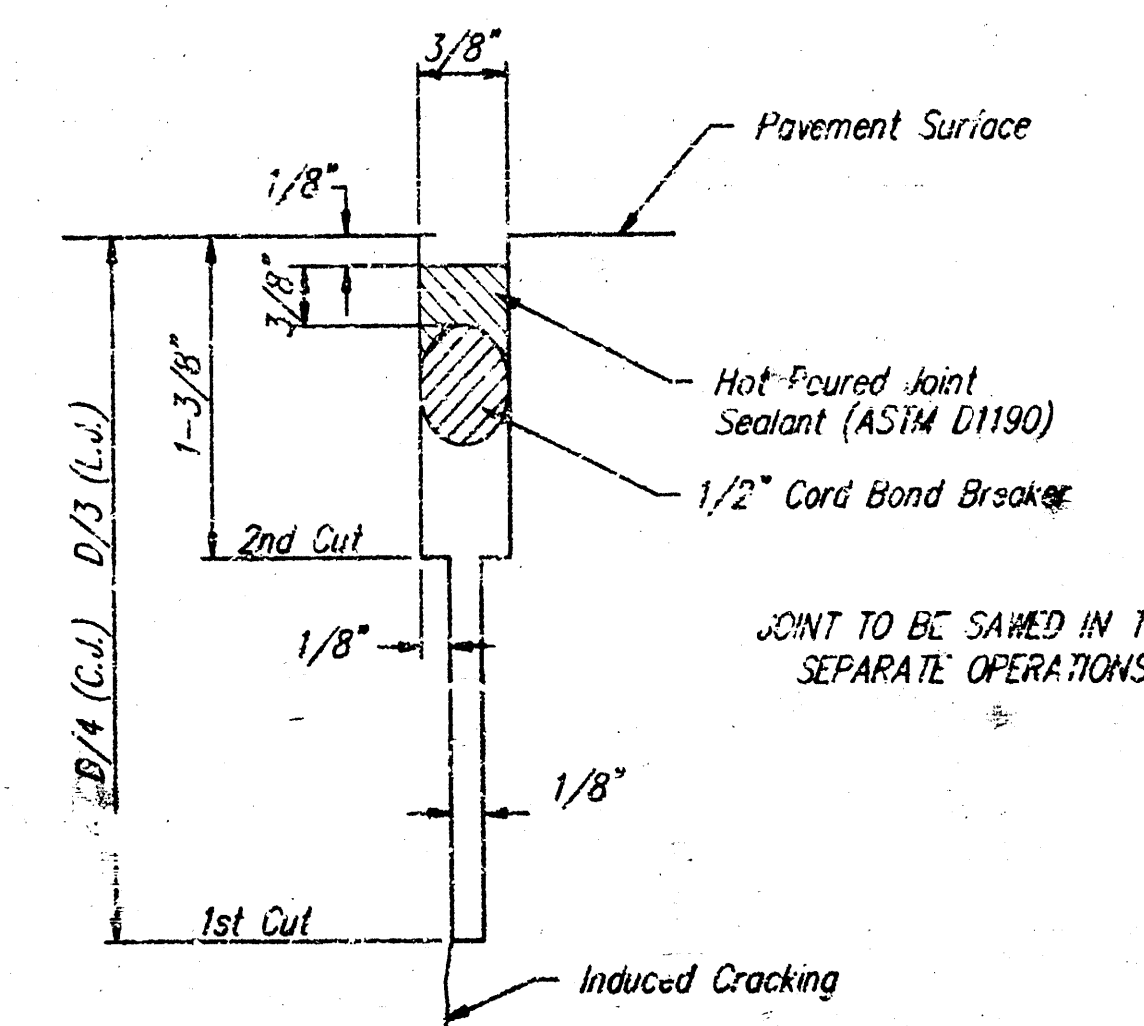
DEPRESSED CURB DETAIL



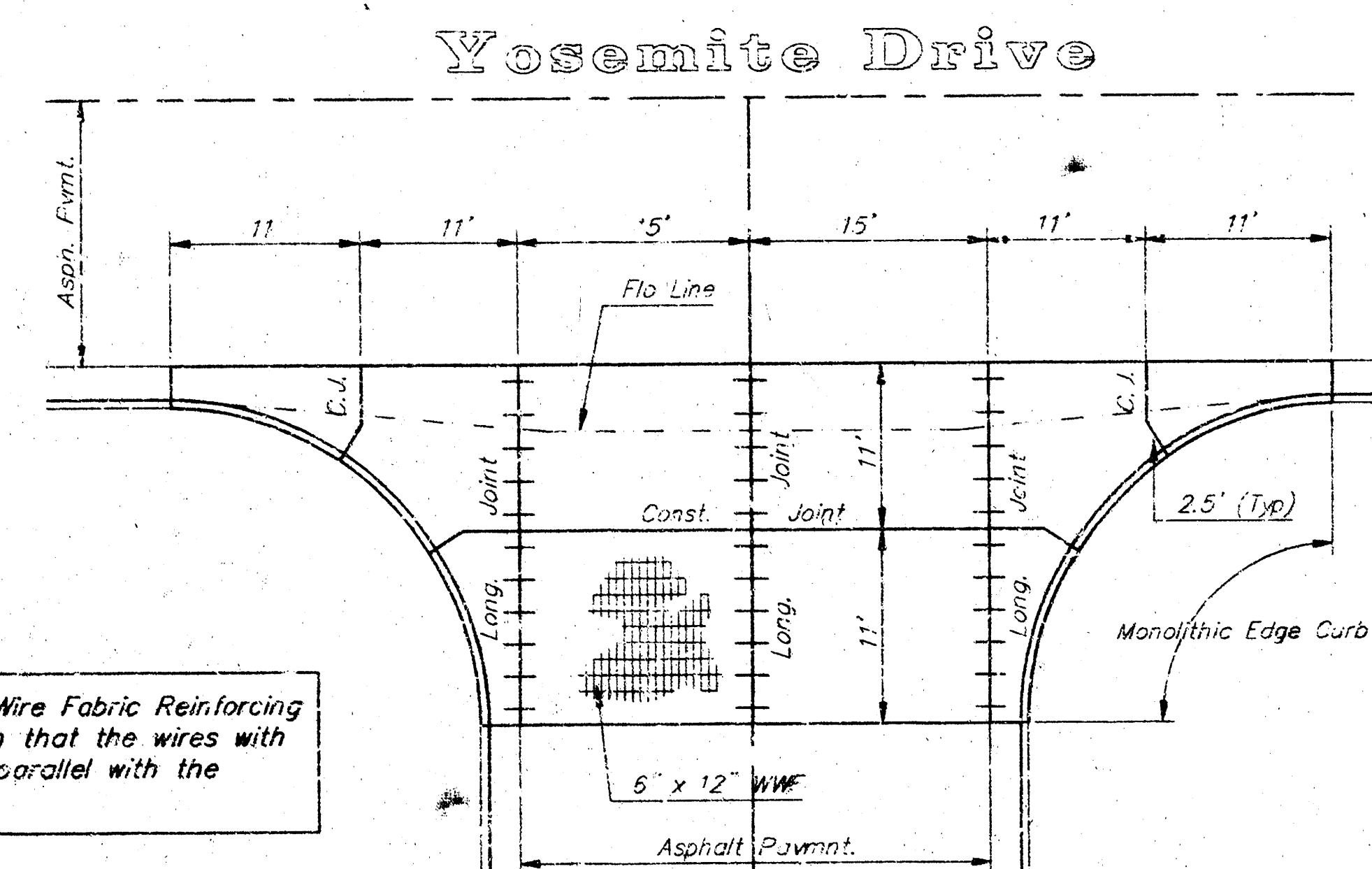
OPTIONAL CONTRACTION CONST. JOINT (C.J.) (ALTERNATE C.J.)



WING REINFORCING DETAIL



SAW JOINT DETAIL



6" x 12" W4 x W4 Wire Fabric Reinforcing shall be placed such that the wires with 6" spacing will run parallel with the Longitudinal Joint.

VALLEY GUTTER JOINT PLAN

8" Valley Gutter - Yosemite Drive @ Crestline Circle

VALLEY GUTTER DETAILS

BAUGHMAN COMPANY P. A.		REV
ENGINEERING & SURVEYING		
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211		
PROJECT NUMBER		SHEET
472-76-245-81617-000-000-001		3
DESIGN	DRAWN	DATE
Wooten	Sastry	NOV1991
SCALE		OF
		8

MISC WOODING

1. City Disc: Maize Rd. @ 27th St. So.
25' E. and 4' S. of 1/4 Sec cor.
Elev.= 145.54 City datum
2. City Disc: S.E. Cor N.W. 1/4 Sec.
(Sec. 5, 128S; R1W)
Elev.= 128.38 City datum
3. "□" Cut Top of curb N. end
N.W. return Yossanite @ Yellowstone.
Elev.= 139.98 City datum

BM #4 R.R. Spike in PP E. Side, 190' Lt. Sta
15+88 CL Yosemite (28.7' W. of 50' Iron)
Elev. = 147.93



CURVE DATA BASED ON CENTERLINE DATA

R = 346.04' 12.20' 24.34' Chs = 216.21', Tan. = 150.15' Def / 11.5' 23.20' min.						
CHORD LENGTHS				$\frac{1}{2} = 23' 36" 10"$		
Station	Arc Length	8' Left/face	8' Right/face	Deflection Angle	Total Deflection Angle	
3+12.54	—	—	—	01° 02' 00"	01° 02' 00"	
3+25	12.46'	13.40'	11.52'	01° 02' 55"	01° 02' 55"	
3+50	25.01'	26.55'	23.11'	02° 04' 33"	03° 02' 58"	
3+75	25.01'	26.55'	23.11'	02° 04' 33"	05° 11' 31"	
4+00	25.01'	26.55'	23.11'	02° 04' 34"	07° 15' 45"	
4+25	25.01'	26.55'	23.11'	02° 04' 34"	09° 24' 19"	
4+50	25.01'	26.55'	23.11'	02° 04' 34"	11° 34' 52"	
4+75	25.01'	26.55'	23.11'	02° 04' 33"	13° 44' 25"	
5+00	25.01'	26.55'	23.11'	02° 04' 34"	15° 53' 59"	
5+25	25.01'	26.55'	23.11'	02° 04' 34"	17° 58' 32"	
5+50	25.01'	26.55'	23.11'	02° 04' 34"	19° 43' 02"	
5+75	25.01'	26.55'	23.11'	02° 04' 33"	21° 41' 39"	
5+146.39	21.78'	23.42'	20.14'	01° 42' 31"	23° 34' 10"	

YOSEMITE DRIVE

STA. 3+12.64 TO STA. 7+50.76

472.76.245.81617.000.000.001

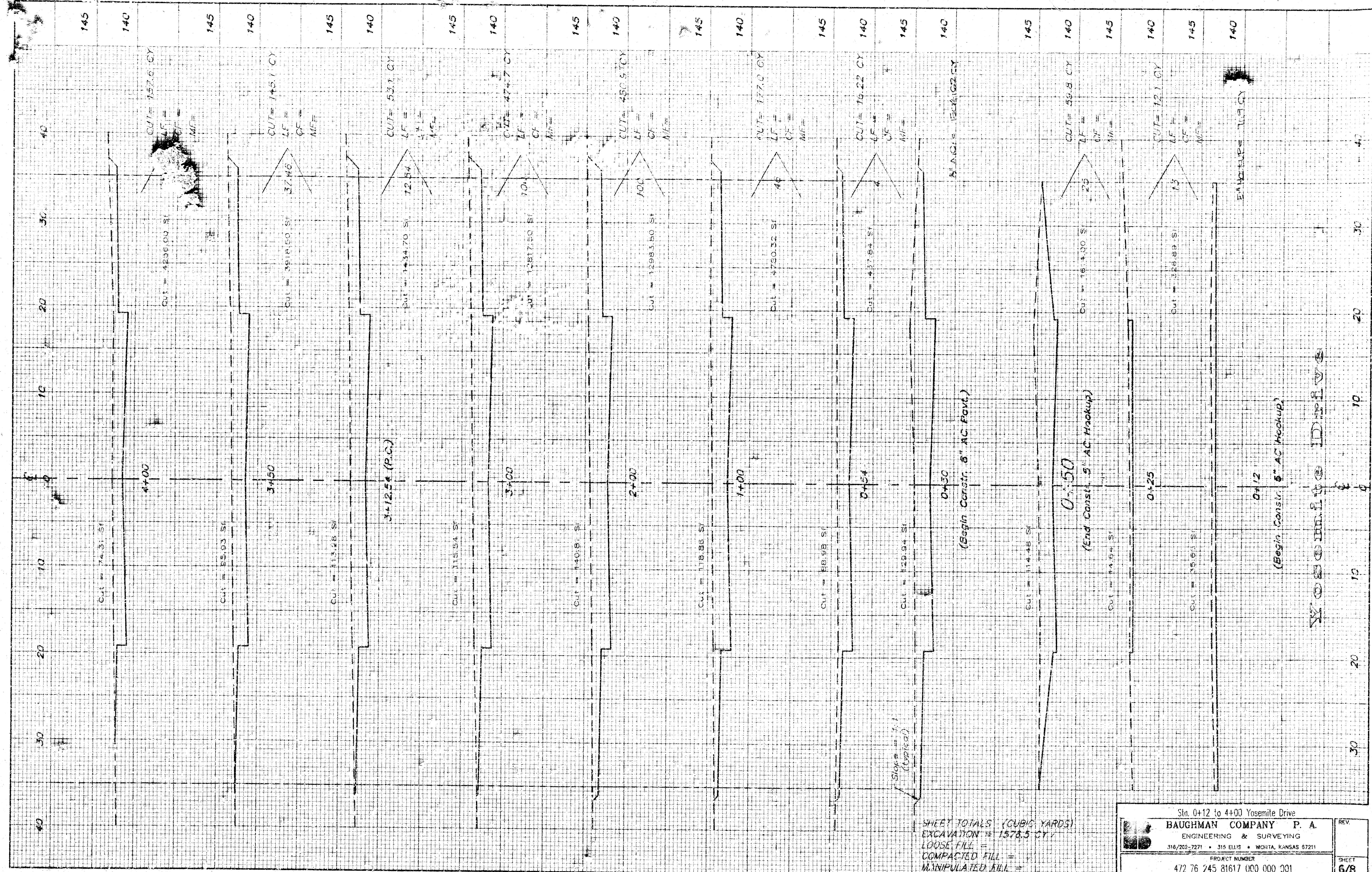
THE NETT PARK (PES.3)

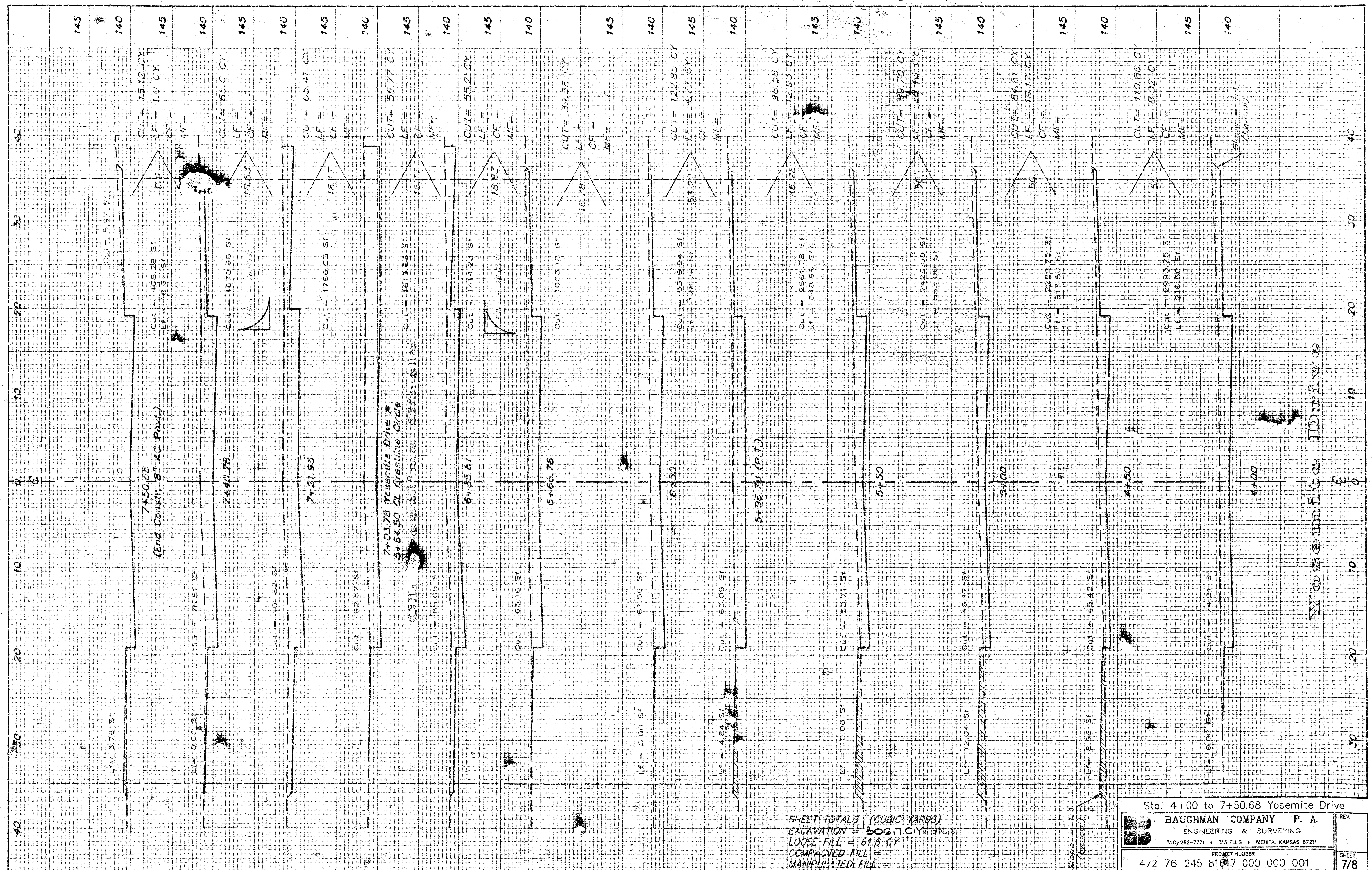
BAUGHMAN COMPANY, P.A.

SURVEYING & ENGINEERING
912-282-7275 • 215 E. 11th • WICHITA, KANSAS 67201

[illegible]

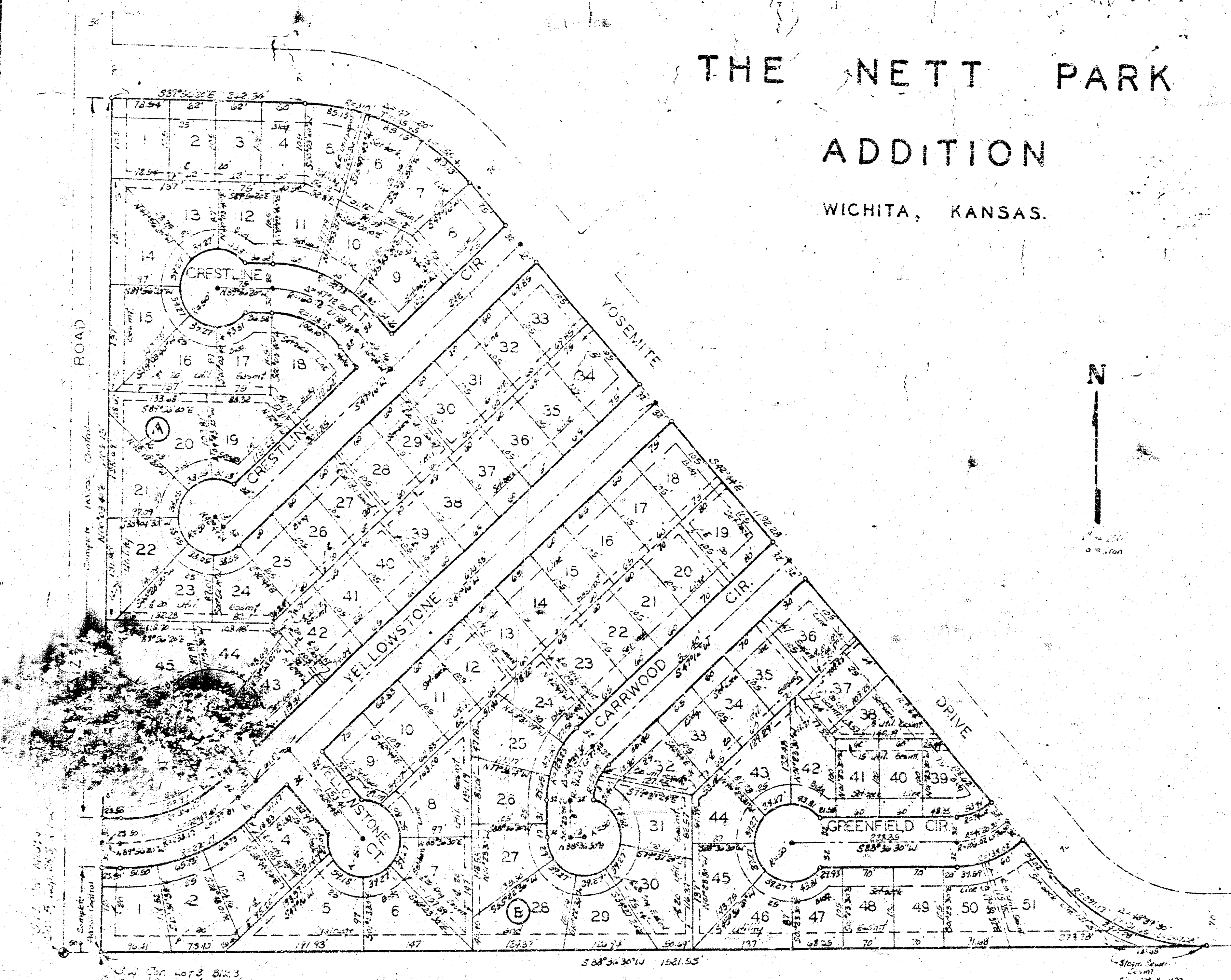
C. BOHM	SONNY	N.B.W.	NOV91	11-20
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C-2 1-29

THE NETT PARK ADDITION WICHITA, KANSAS.



This plat of "THE NETT PARK ADDITION", Wichita, Kansas, has been submitted to and approved by the Wichita-Sedgewick County Metropolitan Area Planning Commission, Wichita, Kansas, dated this 15th day of October, 1936.

Wichita-Sedgewick County Metropolitan Area Planning Commission
Chairman
Secretary

This plat approved and all conditions shown herein accepted by the Board of Commissioners of the City of Wichita, Kansas, this 15th day of October, 1936.

Mayor
City Clerk

Entered on transfer record this 15th day of October, 1937.

County Clerk

State of Kansas, Sedgewick County, S.S. This is to certify that this plat has been filed for record in the office of the Register of Deeds, this 15th day of October, 1937, at 10 o'clock A.M., and is duly recorded.

Register of Deeds
Deputy

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

Wichita State Bank

State of Kansas, Sedgewick County, S.S. We, Baughman Company, P.A., Surveyors in Sedgewick County and State do hereby certify that we have surveyed and plotted "THE NETT PARK ADDITION", Wichita, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed, described as and being, a replat of Lots 1, 2 and 3, Block 3, The Nett Park Addition to Wichita-Sedgewick County, Kansas. The utility easements, building setbacks and access control being varied by virtue of K.S.A. 12-512(a).

All being situated in the NW 1/4 of Sec. 5, Twp. 28 S., R. 14 W. of the 6th. PM, Sedgewick County, Kansas.

Baughman Company, P.A.
Surveyor

Know all men by these presents that we, the undersigned, have caused the land described in the surveyors' certificate to be platted into lots, blocks and streets to be known as "THE NETT PARK ADDITION", Wichita, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The storm sewer easement is hereby granted for storm sewer purposes. The streets are hereby dedicated to and for the use of the public. All abutters rights of access to or from Moize Rd. over and across the west line of Lots 1, 14, 15, 20, 21, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, Block 3, and Lot 1, Block 3, are hereby granted to the City of Wichita, Kansas. The drainage easements are hereby granted for drainage purposes.

Baylan W. Nett, Jr.
Melody L. Nett

Notary Public

State of Kansas, Sedgewick County, S.S. The foregoing instrument, acknowledged before me, this 15th day of October, 1936, by Baylan W. Nett, Jr. and Melody L. Nett, his wife, and by Baylan W. Nett, Jr. and Melody L. Nett, his wife.

Notary Public