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	**262-4270 or 263-2061**
K.P.L. Gas Service Company	**263-7511**
Kansas Gas & Electric Company	**264-1141**
Arkla Gas Company	**942-8350 or 263-8161**
S.W. Bell Telephone Company	**1-571-2611**
City of Wichita Water Department	**268-4908**
City of Wichita Sewer Maintenance	**268-4071**
City of Wichita Engineering Division	**268-4501**

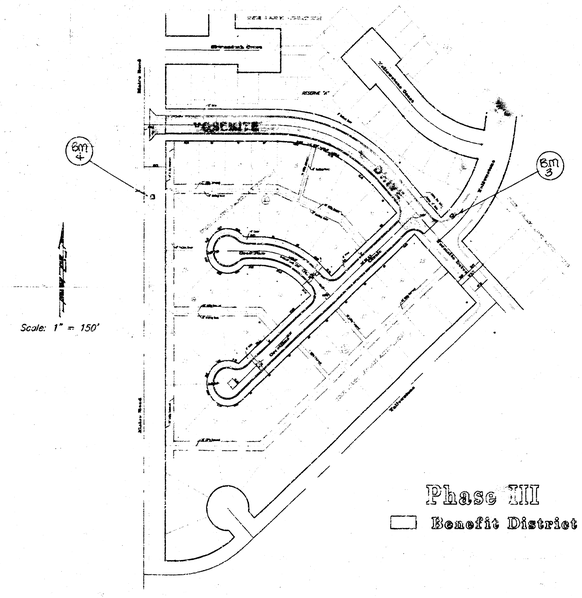
2. Utility service lines, poles, valve boxes, meters, and stoolers are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. 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 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 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.



Phase III
Benefit District

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. 5, 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 #4 R.R.Spike in PP E. Side, 192' Lt. Sta 19+88 CL Yosemite (28.7' W. of 50' Iron)
Elev. = 147.93

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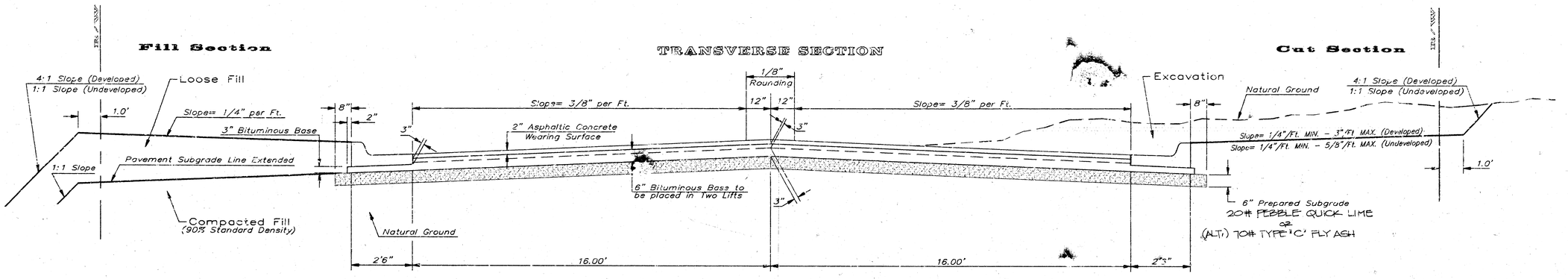
Revised Sheet
NOV1991

N. BRENT WOOTEN LICENSED 6470 KANSAS PROFESSIONAL ENGINEER

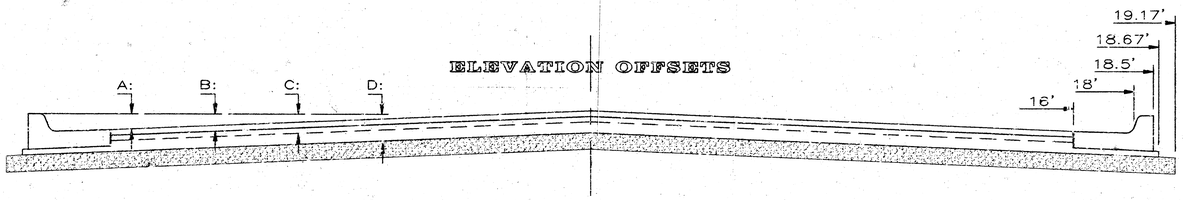
BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

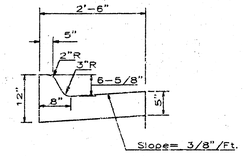
TYPICAL 37' B-B PAVEMENT DETAILS

TRANSVERSE SECTION

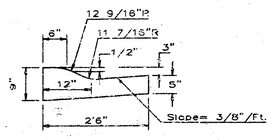


ELEVATION OFFSETS



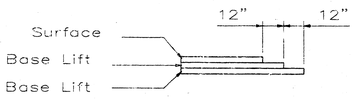


COMBINED CURB & GUTTER



COMBINED ROLL TYPE CURB & GUTTER

	DISTANCE FROM CENTERLINE (LT. & RT.)												
	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 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 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

General Notes

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 8" ASPHALTIC CONCRETE W/ (6" BITUMINOUS BASE.)

THE BITUMINOUS BASE UNDER AND BEHIND THE COMB. CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 3" BITUMINOUS 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.

CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFULL 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
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

REV.

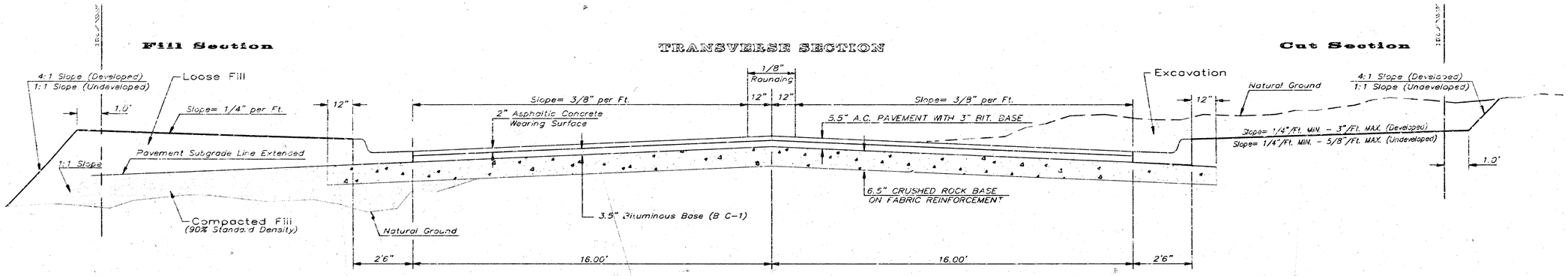
PROJECT NUMBER 472 76 245 BIGIT 000 000 001

SHEET 2 OF 6

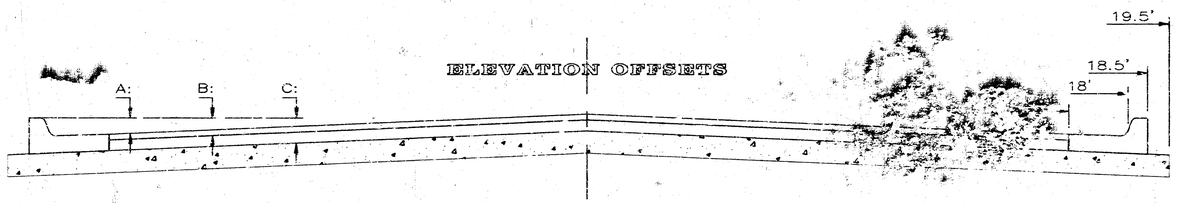
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TYPICAL 37' B-B PAVEMENT DETAILS

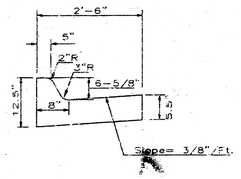
TRANSVERSE SECTION



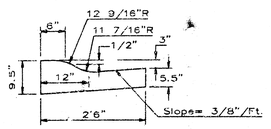
ELEVATION OFFSETS



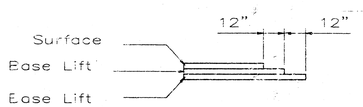
	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	8'	10'	12'	14'	16'	18'	18.5'	19.5'
A: Top of Curbs to Top of Surface Lift	0.01	.05	0.11	0.18	0.24	0.30	0.36	0.43	0.49	–	–	–
B: Top of Curbs to Top of Upper Base Lift	0.17	0.22	0.28	0.34	0.40	0.47	0.53	0.59	0.65	–	–	–
C: Top of Curbs to Top 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



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 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 5.5" ASPHALTIC CONCRETE (3.5" BITUMINOUS BASE).

General Notes

FABRIC BASE REINFORCEMENT SHALL BE B X 1100 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

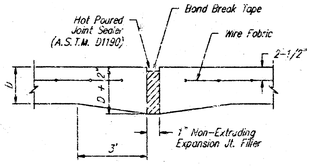
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REV.

PROJECT NUMBER 472 76 245 8617 000 000 001

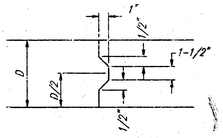
SHEET 2A OF 3

DESIGN	DRAWN	APPROVED	DATE	SCALE

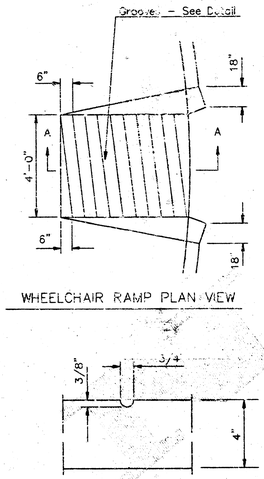


EXPANSION JOINT

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



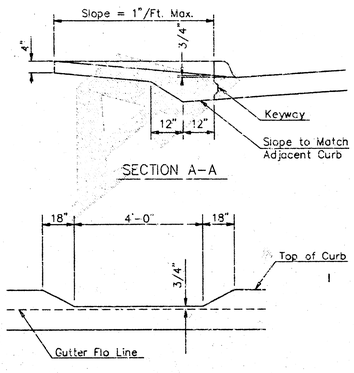
KEYWAY DETAIL



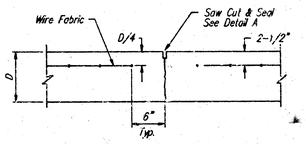
WHEELCHAIR RAMP PLAN VIEW

GROOVE DETAIL

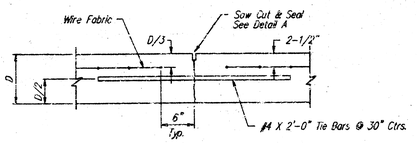
WHEELCHAIR RAMP DETAIL



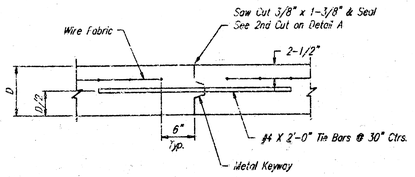
DEPRESSED CURB DETAIL



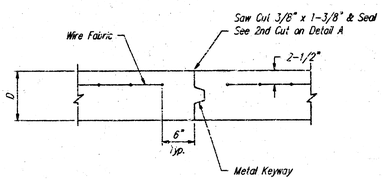
CONTRACTION JOINT DETAIL (C.J.)



LONGITUDINAL JOINT DETAIL (L.J.)

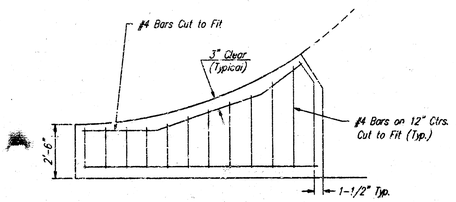


LONGITUDINAL JOINT DETAIL (L.J.)



OPTIONAL CONTRACTION CONST. JOINT (C.J.)

(ALTERNATE C.J.)

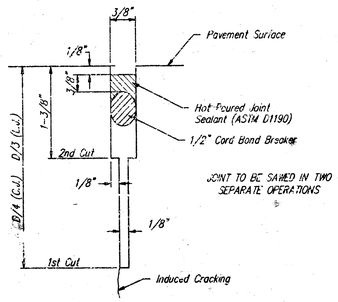


WING REINFORCING DETAIL

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



SAW JOINT DETAIL

MISC\WOODVG

VALLEY GUTTER DETAILS

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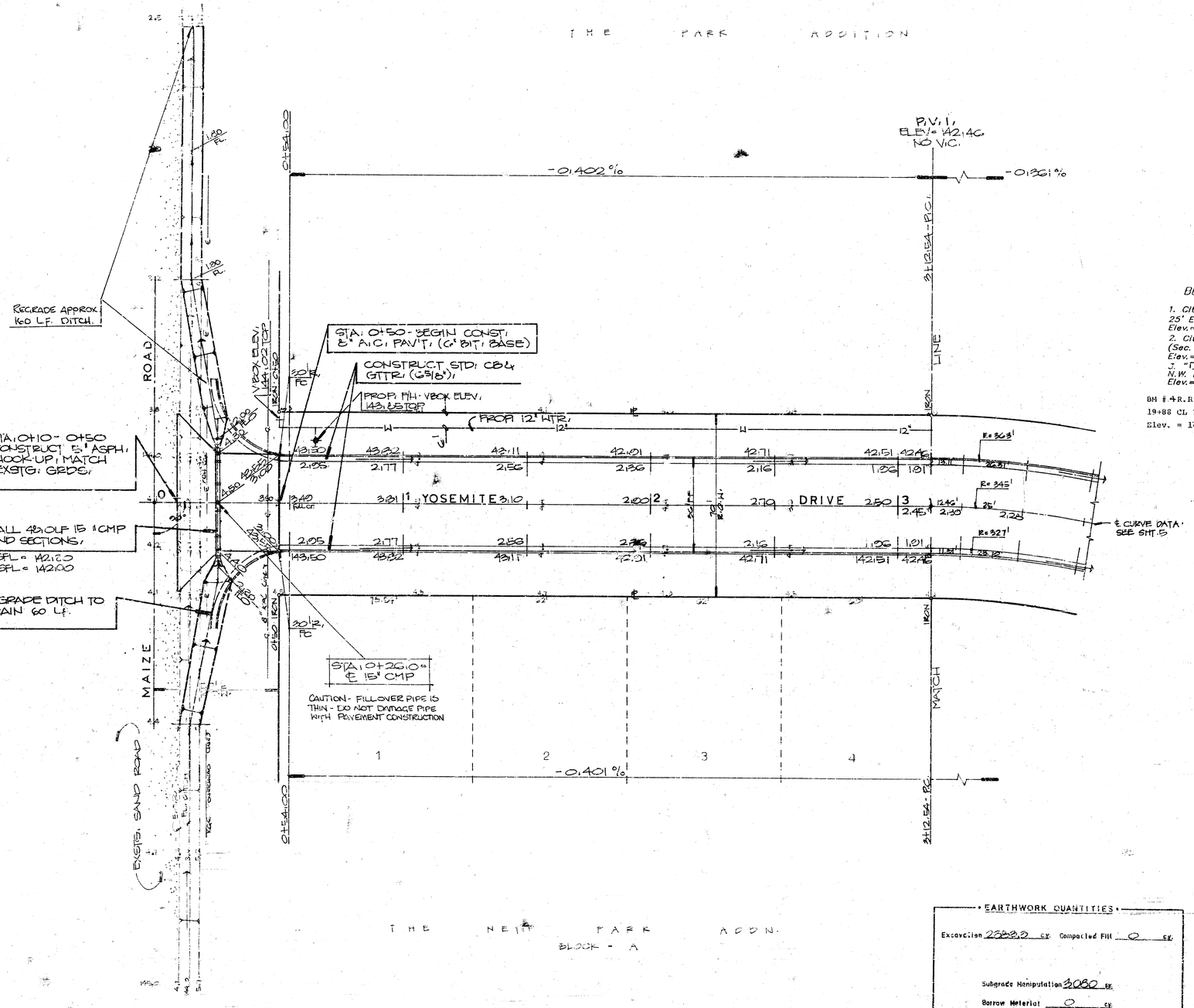
REV

PROJECT NUMBER
472-76-245-81617-000-000-001

SHEET 3 OF 8

DESIGN	DRAWN	APPROVED	DATE	SCALE
Wooten	Sonny	BW	NOV1991	

THE PARK ADDITION



N

1" = 20'

BENCHMARKS

1. City Disc: Maize Rd. @ 27th St. So. 25' E. and 4' S. of 1/4 Sec cor. Elev. = 143.44 City datum
2. City Disc: S.E. Cor N.W. 1/4 Sec. (Sec. 5, T28S, R1W) Elev. = 128.38 City datum
3. "□" Cut Top of curb N. end N.W. return Yosemite & Yellowstone. Elev. = 139.98 City datum

BM # 4 R.R. Spike in PP E. Side, 190' Lt. Sta 19+88 CL Yosemite (28.7' W. of 50' Iron) Elev. = 147.93

THE NETT PARK ADDN.
BLOCK - A

EARTHWORK QUANTITIES

Excavation 2333.2 cy. Compacted Fill 0 cy.

Subgrade Manipulation 3080 cy.

Borrow Material 0 cy.

Revision: 5/28/02 KDC Corp

YOSEMITE DRIVE
STA. 0+20 TO STA. 3+12.54
472-76-245-BIG17-000-000-001
THE NETT PARK (PHS.3)

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
315 FLUG • WICHITA, KANSAS 67211

Design:	Draw:	Approved:	Date:	Scale:	Sheet:
C.BAUM	JOHNNY	N.B.W.	NOV.01	1" = 2'	4 of: 8

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. 5, T28S; R1W) Elev.= 128.38 City datum
3. "□" Cut Top of curb N. end N.W. return Yosemite @ Yellowstone. Elev.= 139.98 City datum

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

THE PARK ADDITION

1"=20'

P.V.I. ELEV.= 141.33 NO VIC.

SAW, REMOVE & REPLACE 1.0' ASPH. SURF. IF NECESSARY MATCH EXSTG. @ SAW JT. COST SUBSIDIARY

STA. 7+50.76 - END CONST. 8' A.C. PAV'T. - YOSEMITE DR.

-01.42B %

-01.20 %

CONSTRUCT 8' A.C. PAV'T. (6" BIT. BASE)

CONSTRUCT STD. CBI & GTTR. (C-5.18')

M.H. ELEV.= 140.01 TOP EL = 130.08

PROP. 12" WTR.

EXSTG. 12" WTR.

YELLOWSTONE

YOSEMITE DR.

DRIVE

8' VALLEY GTTR.

MATCH FLO

REMOVE TRAFFIC BARRICADES & SIGN

CONSTRUCT 8" REINF. CONC. VALLEY GTTR. PAV'T. (5" REINF. CONC. W/3" BIT. BASE) & MONOLITHIC EDGE CB (C-5.18')

(PROPOSED) CRESTLINE CIRCLE

P.V.I. ELEV.= 142.46 NO VIC.

M.H. ELEV. 142.10

-01.40 %

8" SAN. SNR. XING 1331.2 TOP PIPE

8" UTILITY EASEMENT

LINE

NOTE

33

CURVE DATA BASED ON CENTERLINE DATA

R= 3460 Δ= 41°12'20" Chd.= 234.21 Chd.= 216.27 Tan.= 150.76 Def/ft.= 4°8'30" min.

$\frac{D}{2}$ = 23°30'10"

℄ Station	Arc Length	CHORD LENGTHS 8' Left/face	CHORD LENGTHS 8' Right/face	Deflection Angle	Total Deflection Angle
3+12.54	——	——	——	00°00'00"	00°00'00"
3+25	12.46'	13.40'	11.52'	01°02'05"	01°02'05"
3+50	25.01'	26.85'	23.11'	02°04'33"	03°06'38"
3+75	25.01'	26.85'	23.11'	02°04'33"	05°11'11"
4+00	25.01'	26.85'	23.11'	02°04'34"	07°15'45"
4+25	25.01'	26.85'	23.11'	02°04'34"	09°20'19"
4+50	25.01'	26.85'	23.11'	02°04'33"	11°24'52"
4+75	25.01'	26.85'	23.11'	02°04'33"	13°29'25"
5+00	25.01'	26.85'	23.11'	02°04'34"	15°33'59"
5+25	25.01'	26.85'	23.11'	02°04'32"	17°38'32"
5+50	25.01'	26.85'	23.11'	02°04'32"	19°43'05"
5+75	25.01'	26.85'	23.11'	02°04'33"	21°47'39"
5+96.76	21.78'	23.42'	20.14'	01°48'31"	23°36'10"

THE NETT PARK ADDN.

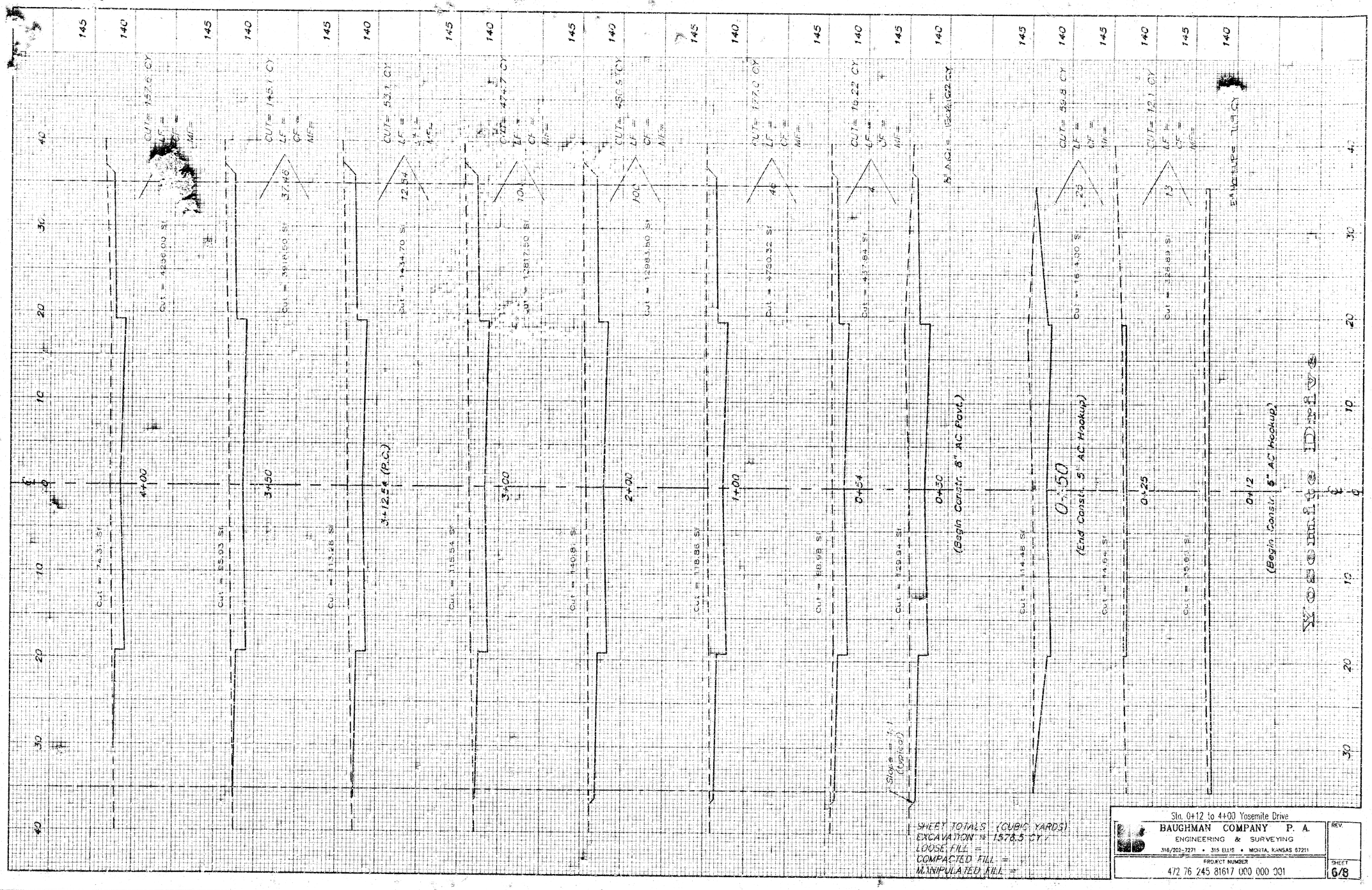
BLOCK - A

YOSEMITE DRIVE
STA. 3+12.54 TO STA. 7+50.76
472-76-346 2-16-17 -000-000-0021
THE NETT PARK (PHS 3)

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

Design:	Drawn:	Approved:	Date:	Scale:
C.B.M.	SANNY	N.B.W.	NOV 01	1"=20'

Sheet: 5 of: 8



SHEET TOTALS (CUBIC YARDS)
EXCAVATION = 1578.5 CY
LOOSE FILL =
COMPACTED FILL =
MANIPULATED FILL =

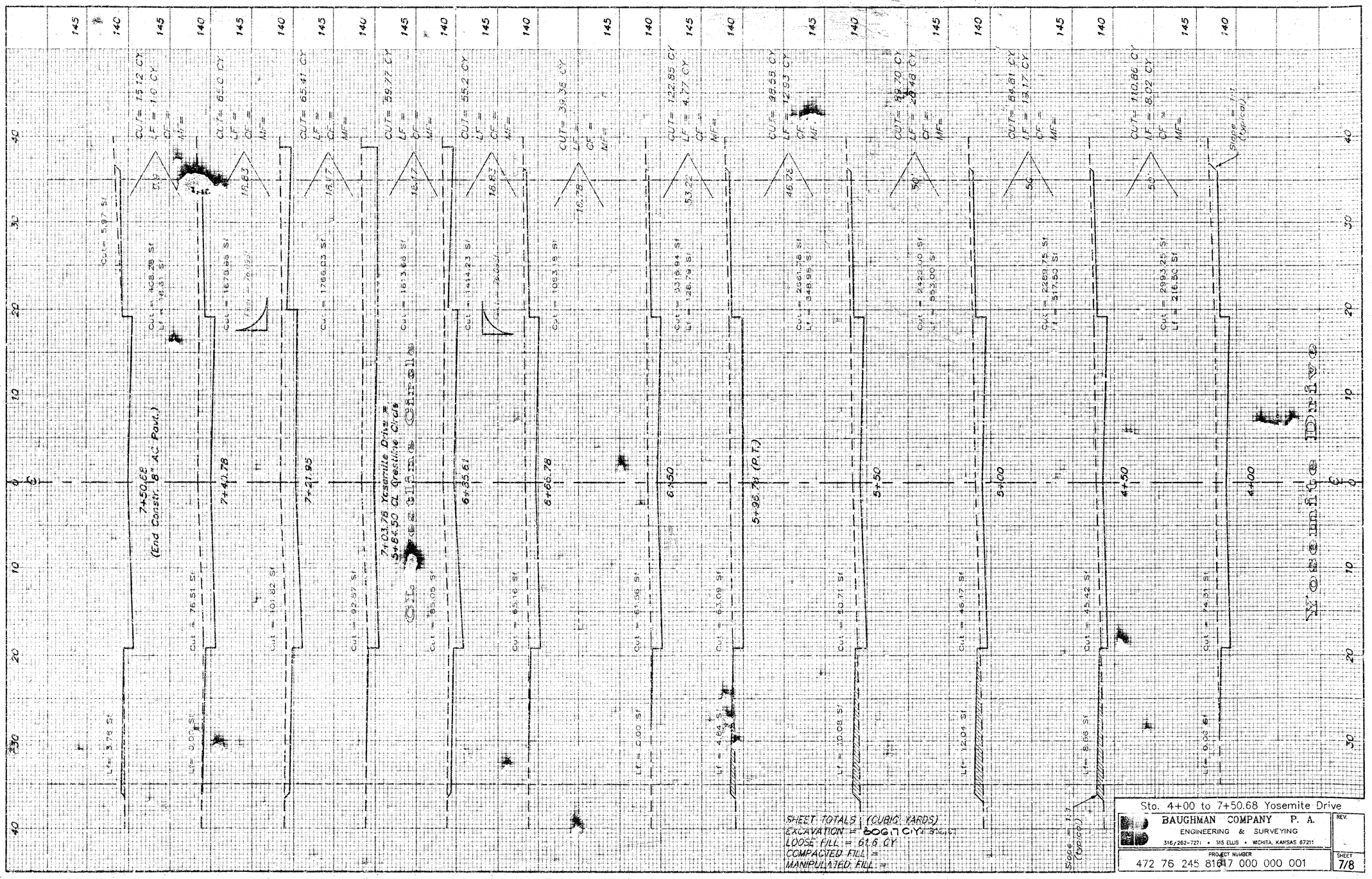
Sta. 0+12 to 4+00 Yosemite Drive

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316/202-7271 • 315 ELLIS • WICHITA, KANSAS 67211

REV.

PROJECT NUMBER
472 76 245 81617 000 000 301

SHEET
6/8



Sta. 4+00 to 7+50.68 Yosemite Drive

BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 515 ELLIS • WICHITA, KANSAS 67211

REV.

PROJECT NUMBER
472 76 245 81647 000 000 001

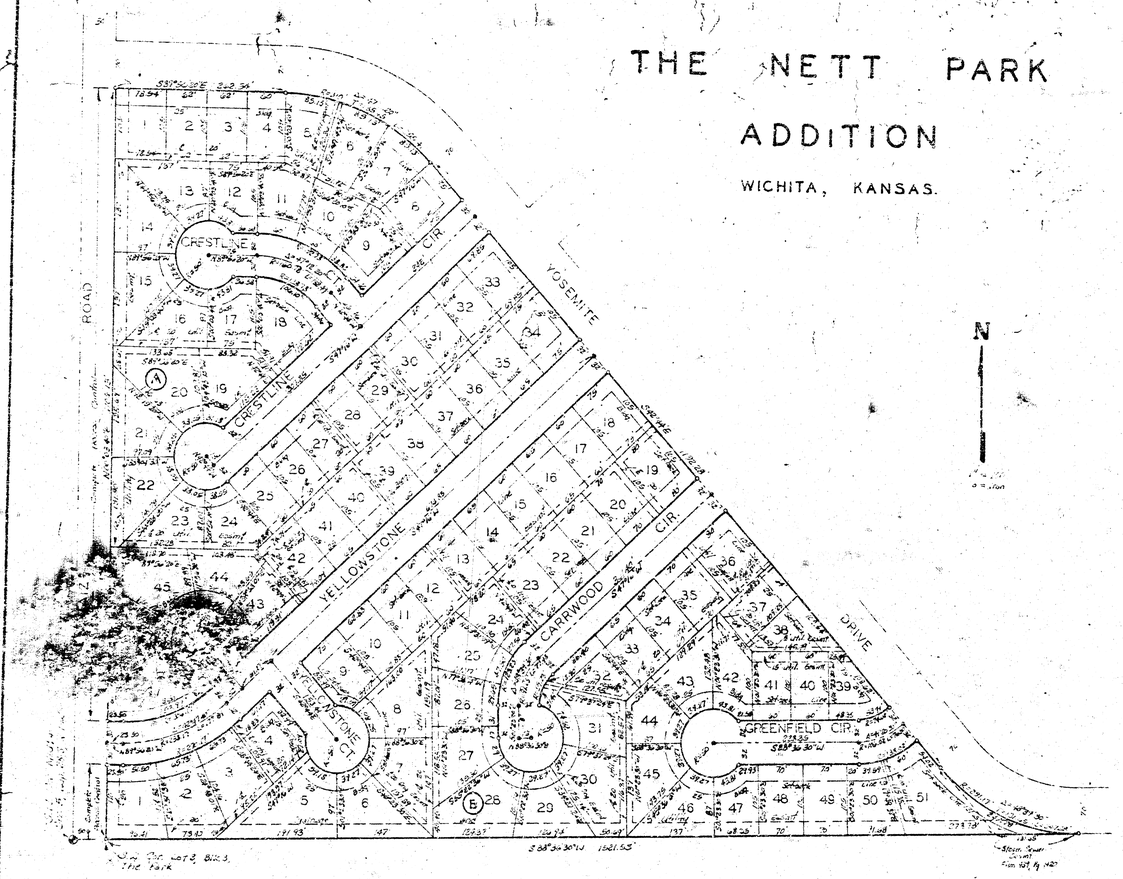
SHEET
7/8

C-2 1-29

THE NETT PARK

ADDITION

WICHITA, KANSAS.



State of Kansas } SS
Sedgwick County }

We, Baughman Company, P.A. Surveyors in aforesaid county and State do hereby certify that we have surveyed and plated "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 Park-in Addition to Wichita Sedgwick County, Kansas. The utility easements building setbacks and access control being vacated by virtue of K.S.A. 12-512(b).

All being situated in the NW¼ of Sec. 5 Twp. 28 S, R 1 W of the 6th. P.M., Sedgwick County, Kansas.

Baughman Company, P.A.

3 Nov 1986
Date

Mark A. Sharp
Surveyor

Know all men by these presents that we, the undersigned, have caused the lands 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 Maize Rd. over and across the west line of Lots 1, 14, 13, 12, 21, 22, 45, 46 and 47, Block A, and Lot 1, Block B, are hereby granted to the City of Wichita, Kansas. The drainage easements are hereby granted for drainage purposes.

Baylan W. Nett, Sr.

Linda S. Nett

Baylan W. Nett, Jr.

Melody L. Nett

N

This plat of "THE NETT PARK ADDITION" Wichita, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas, Dated this 5th day of December, 1986.

Wichita-Sedgwick County Metropolitan Area Planning Commission

Chairman

Secretary

This plat approved and all dedications shown hereon accepted by the Board of Commissioners of the City of Wichita, Kansas, this 16th day of December, 1986.

Mayor

Tara E. Reed
City Clerk

Entered on transfer record this 16th day of December, 1987.

Don Wright
County Clerk

State of Kansas } SS
Sedgwick County }

This is to certify that this plat has been filed for record in the office of the Register of Deeds, this 16th day of December, 1987, at 10 o'clock AM; and is duly recorded.

Pat Nemler
Register of Deeds

Ed Reed
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

Date

Vice Pres.

State of Kansas } SS
Sedgwick County }

The foregoing instrument acknowledged before me, this 5th day of November, 1986, by Wichita State Bank, on behalf of the corporation.

Notary Public

My Appt. Exp. 4-3-87

State of Kansas } SS
Sedgwick County }

The foregoing instrument, acknowledged before me, this 5th day of November, 1986, by Baylan W. Nett, Sr. and Linda S. Nett his wife and by Baylan W. Nett, Jr. and Melody L. Nett, his wife.

Mark A. Sharp
Notary Public

My Appt. Exp. 12-24-1988

PLAT COPY

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
214/748-7371 · DALLAS · WICHITA FALLS, TEXAS

PROJECT 8
SHEET 1 OF 1

C-2 1-29

18-10-1-3