Street Improvements for

DONNA'S 3RD ADDITION

COMPTON - From the N.L. of Robinson to the N.E. corner of Lot 10, Block A, Donna's 3rd Addition

Project No.

472-76-245-81705-000-000-001

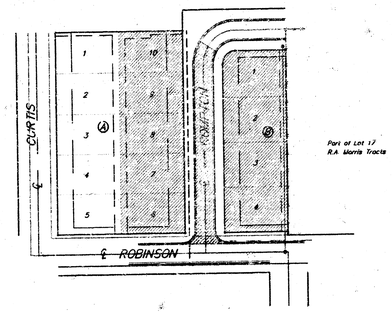
CITY OF WICHITA, KANSAS

Michael E. Lindebak City Engineer

Index Code: **761312**

Index

1. Utility service lines, poles, valve boxes, meters, and etcetera 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. Sawed 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. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
4. 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 land surveyor in accordance with state laws.
5. The Contractor shall adjust Water Valve Boxes and Fire Hydrants as directed by the Engineer at the price bid for said adjustments. The Water Department shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, water valve boxes or fire hydrants damaged during construction shall be repaired by the contractor at his own expense.
6. At least one lane of traffic shall be carried through Robinson at all times during construction of this project.
7. **All earthwork quantities indicated are based on alternate 1. Any adjustments in earthwork quantities for alternate 2 pavement construction shall be incidental to the project.**



Benefit District

General Notes

1. Title Sheet
2–3. Typical Pavement Details
4. Valley Gutter Detail
5. Compton Street Plan
6. Cross-Sections
7. Plat of Donna's 3rd Addition

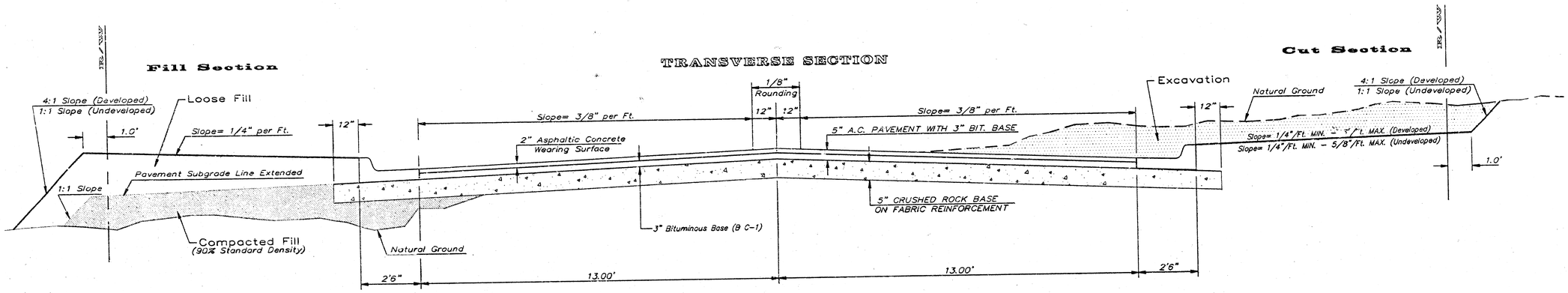
THOMAS CHARLES BAUGHMAN LICENSED 9221 KANSAS PROFESSIONAL ENGINEER

5-13-92

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

TYPICAL 31' B-B PAVEMENT DETAILS

TRANSVERSE SECTION

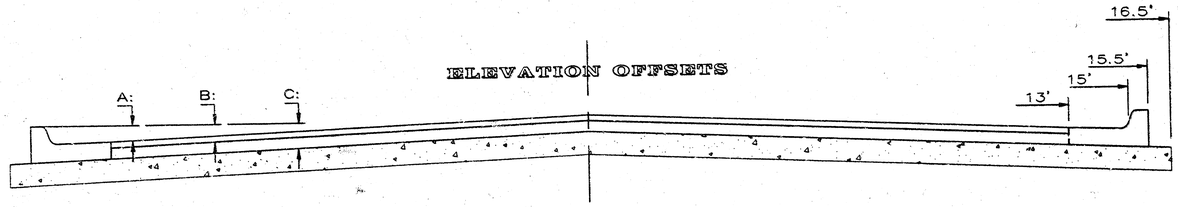


The crushed rock shall have the following gradation:

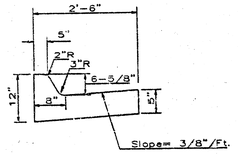
	% Retained
2-1/2"	0
3/4"	20 to 60
#4	50 to 80
#40	80 to 94
#200	90 to 98

Rock quality shall conform to the requirements specified by the KDOT 1990 Edition Standard Specification Subsection 1102 for durability Class 1.

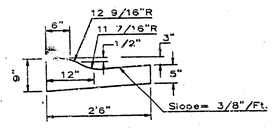
ELEVATION OFFSETS



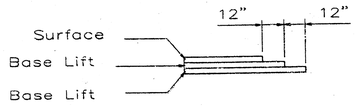
	DISTANCE FROM CENTERLINE (LT. & RT.)										
	0'	2'	4'	6'	7.5'	10'	12'	13'	15'	15.5'	16.5'
A: Top of Curbs to Top of Surface Lift	0.10	0.14	0.21	0.27	0.32	0.39	0.46	0.49	–	–	–
B: Top of Curbs to Top of Upper Base Lift	0.27	0.31	0.37	0.44	0.48	0.56	0.62	0.65	–	–	–
C: Top of Curbs to Top of C.R. Subgrade	0.52	0.56	0.62	0.69	0.73	0.81	0.87	0.90	0.97	0.98	1.01



COMBINED CURB & GUTTER

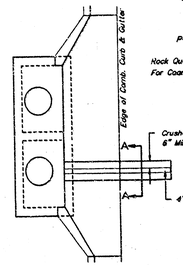


COMBINED ROLL TYPE CURB & GUTTER



TRANSVERSE CONSTRUCTION JOINTS

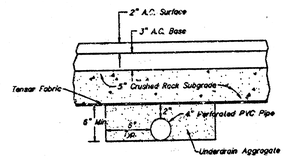
Transverse construction joints shall be constructed in flexible base pavements at locations where pavement joins existing flexible base pavement as shown by the detail. All costs associated with the construction of the transverse joint shall be included in the bid price for Square Yards 5" ASPHALTIC CONCRETE (3" BITUMINOUS BASE).



CRUSHED ROCK GRADATION REQUIREMENTS
Percent of Aggregate Retained

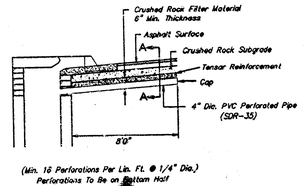
1 1/2"	0
3/4"	15-60
# 4	40-80
#40	74-92
P-200	4-12

Rock Quality Shall Be The Same As Specified For Coarse Aggregate For Asphalt Concrete Mixes.



SECTION A-A

NOTE: Place 4" PVC Perforated Pipe at all drainage sump locations.
Cost of Underdrain System to be incidental to the Reinforced Crushed Rock Subgrade.



(Min. 16 Perforations Per Lin. Ft. @ 1/4" Dia.)
Perforations To Be on Bottom Half

PAVEMENT UNDERDRAIN DETAIL

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" ASPHALTIC CONCRETE (3" BITUMINOUS BASE.)

5 INCH Residential Asphaltic Concrete Pavement with Crushed Rock Base on Fabric Reinforcement
City of Wichita, Kansas

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

REV.

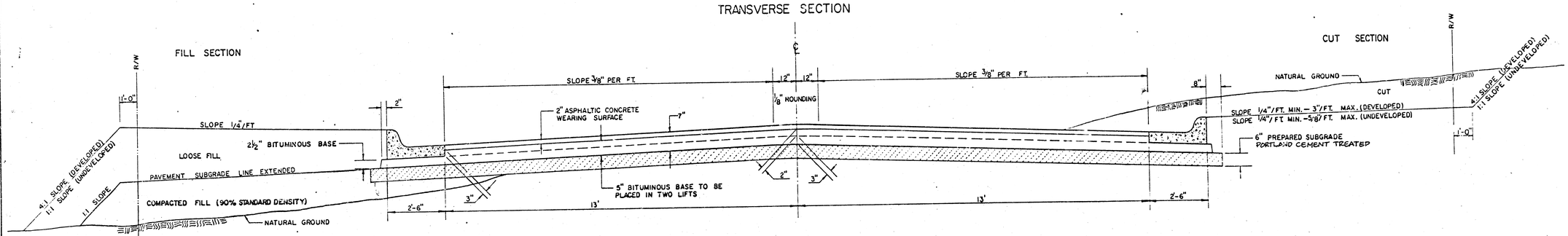
PROJECT NUMBER
472-76-245-81705-000-000-001

SHEET 2 OF 7

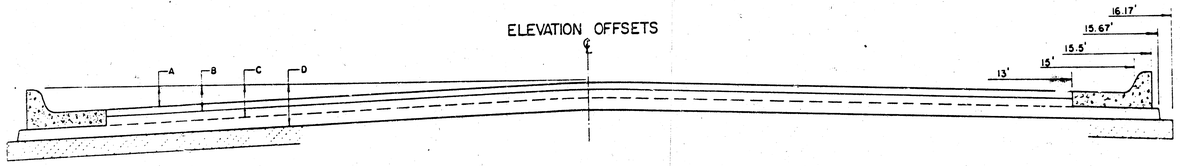
DESIGN	DRAWN	APPROVED	DATE	SCALE

TYPICAL 31' PAVEMENT DETAILS

TRANSVERSE SECTION

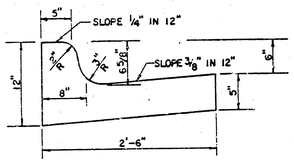


ELEVATION OFFSETS

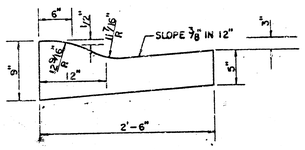


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7.5'	10'	12'	13'	15'	15.5'	15.67'	16.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.10	0.14	0.21	0.27	0.32	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.27	0.31	0.38	0.44	0.49	0.56	0.63	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.44	0.49	0.57	0.64	0.70	0.79	0.87	0.90	0.98	1.00	1.00	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.69	0.73	0.80	0.87	0.93	1.01	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.

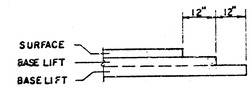
3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A 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

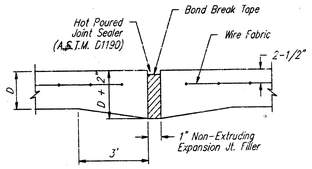


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC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

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE

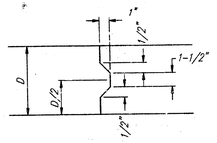
CITY OF WICHITA, KANSAS

PROJECT NUMBER
472-81705

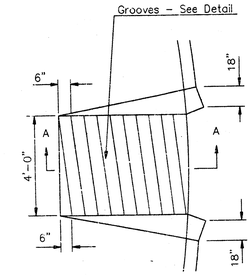


EXPANSION JOINT

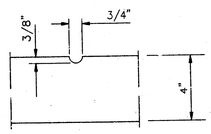
NOTE: Extra Thickness to be Subsidiary to Price of Square Yards Pavement



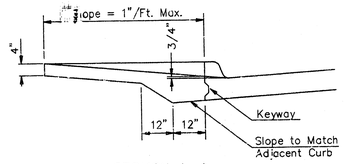
KEYWAY DETAIL



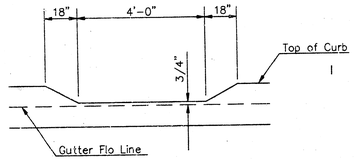
WHEELCHAIR RAMP PLAN VIEW



GROOVE DETAIL

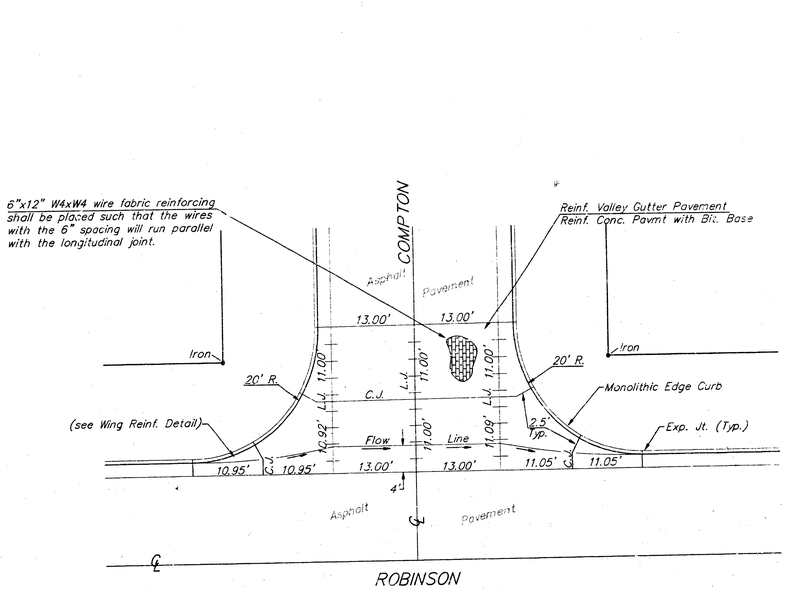


SECTION A-A

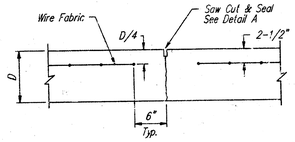


DEPRESSED CURB DETAIL

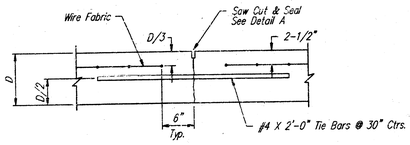
WHEELCHAIR RAMP DETAIL



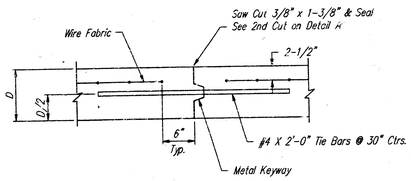
VALLEY GUTTER JOINT PLAN



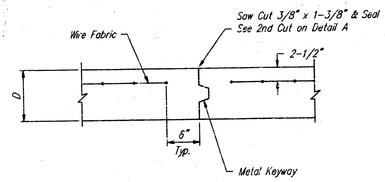
CONTRACTION JOINT DETAIL (C.J.)



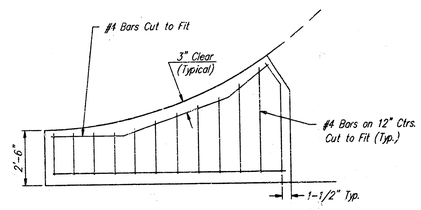
LONGITUDINAL JOINT DETAIL (L.J.)



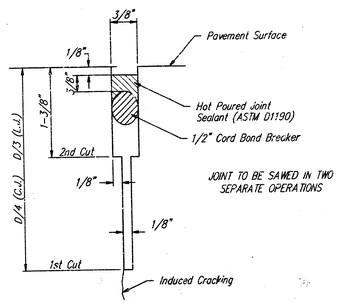
OPTIONAL LONGITUDINAL JOINT DETAIL (L.J.)



OPTIONAL CONTRACTION JOINT



WING REINFORCING DETAIL



SAW JOINT DETAIL

VALLEY GUTTER DETAILS

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

REV.

PROJECT NUMBER
472-76-245 · 81705-000-000-001

SHEET 4 OF 7

DESIGN	DRAWN	APPROVED	DATE	SCALE
B.P.	B.P.		5-11-92	No Scale

DONNA\VGDETAIL

SCALE:
1" = 20'
• = IRON

P.V.I.
No V.C.

Sta. 0+00
Sta. 0+34.81
Sta. 2+80.22
Sta. 3+07.99

+ 0.355%
+ 0.360%
+ 0.669%
+ 0.355%

DONNA'S 3RD ADDITION
6 7 Ⓐ 8 9 10
4 3 Ⓑ 2 1

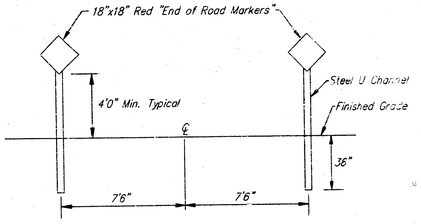
ROBINSON
COMPTON
MEMORY LANE

Existing Pavement
Proposed Pavement
Future Pavement

KG&E will remove pole & guys prior to construction.
Gas Meter
Existing 8" Water Main
Remove 70 LF of curb & gutter. Saw cut, remove & replace Surface Course as necessary to provide neat line. This work to be subsidiary to pavement.
Guy Wires
Iron Sta. 0+29.87
Iron Sta. 0+30.13
2" Steel Arkla Gas Main
10' Setback
25' Setback
Transition from 6-5/8" to 3-5/8" curbs in 10'±. (Both sides)
Proposed 8" Water Main
Construct Roll-Type Combined Curb & Gutter (3-5/8")
Construct 5" A.C. Pavement with 5" Reinforced Rock Base
Construct 5" Reinf. Conc. Pavement with 5" Reinf. Rock base w/monolithic curbs (6-5/8")
30' Fc-Fc
60' R/W
10' Utili. Esm't
5' Utili. Esm't
Valve Box Elev. = 129.61
F.H. Bury Line Elev. = 129.53
Remove trees
Stumps
Cased Well to be removed per KDHE requirements.
End Construction
Barricades per detail this sheet.
Future Water Main
65' R
50' R
35' R
20' R

CURVE DATA BASED ON CENTERLINE
R = 50.00' Delta = 31°49'32" Tan. = 14.25'
Arc = 27.77' L.C. = 27.42' Defl/ft = 34.3812 Min.

STATION	ARC	CHD. LENGTHS 8' Lt. Face	CHD. LENGTHS 8' Rt. Face	DEFL.	TOTAL DEFL.
2+80.22 – P.C.	–	–		00°00'00"	00°00'00"
+87.16	6.94	10.13	3.74	03°58'36"	03°58'36"
+94.10	6.94	10.13	3.75	03°58'37"	07°57'13"
3+01.04	6.94	10.13	3.74	03°58'36"	11°55'49"
3+07.99 – P.T.	6.95	10.14	3.75	03°58'37"	15°54'26"



Barricade Detail

Earthwork Quantities:
Excavation 200 C.Y.
Compacted Fill 163 C.Y.
Borrow 387 C.Y.

Note: Roll-type curb and gutter to be constructed on this project.

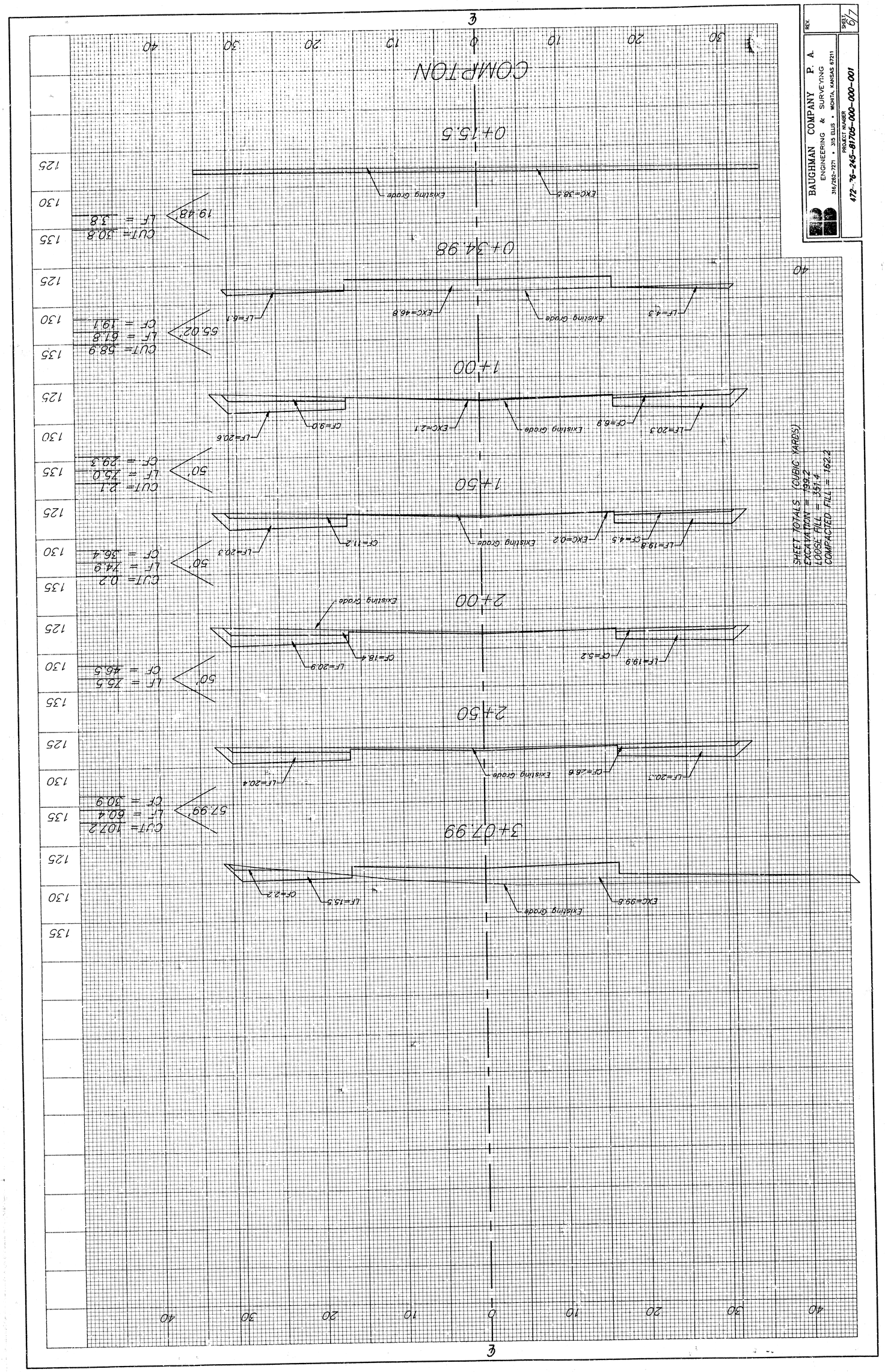
BENCH MARK: R.R. spike in power pole located at the N.E. corner of Curtis and Robinson. Elevation = 129.26

DONNA'S 3RD ADDITION
COMPTON

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

PROJECT NUMBER 472-245-81705-000-000-001
SHEET 5 OF 7

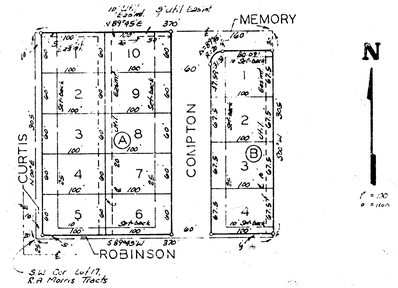
DESIGN	DRAWN	UTIL. CHECK'D	DATE	SCALE
B.P.	B.P.	T.C.R.	5-11-92	NOTED


BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211
PROJECT NUMBER
172-76-245-81705-000-000-001
REV.
SHEET 6/7
SHEET TOTALS (CUBIC YARDS)
EXCAVATION = 199.2
LOOSE FILL = 351.4
COMPACTED FILL = 1662.2
0+15.5
EXC=38.5
Existing Grade
LF=19.9
CF=5.2
2+00
LF=19.8
CF=4.5
EXC=0.2
Existing Grade
CF=11.2
LF=20.3
50'
CUT= 0.2
LF = 74.9
CF = 36.4
1+50
LF=20.3
CF=9.0
EXC=2.1
Existing Grade
CF=6.9
LF=20.3
50'
CUT= 2.1
LF = 75.0
CF = 29.3
1+00
LF=6.1
EXC=46.8
Existing Grade
LF=4.3
55.02'
CUT= 58.9
LF = 61.8
CF = 19.1
0+34.98
EXC=38.5
Existing Grade
19.48'
CUT= 30.8
LF = 3.8
COMPTON
0+15.5
EXC=38.5
Existing Grade
LF=19.9
CF=5.2
2+00
LF=20.9
CF=18.4
Existing Grade
50'
CUT= 0.2
LF = 75.5
CF = 46.5
2+50
LF=20.4
CF=2.2
EXC=99.8
Existing Grade
LF=15.5
3+07.99
LF=20.7
CF=6.6
EXC=46.8
Existing Grade
57.99'
CUT= 107.2
LF = 60.4
CF = 30.9
2+50
40
30
20
10
0
10
20
30
40
℄
125
130
135

PC 3-8

DONNA'S 3RD. ADDITION

WICHITA, KANSAS.



State of Kansas } S.S.
Sedgwick County }

We, Beachman Company, P.A., Surveyors in aforesaid county and state do hereby certify that we have surveyed and platted "DONNA'S 3RD. 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 the west 370 feet of Lot 17, R.A. Morris Tracts, Sedgwick County, Kansas.

Being situated in the NW¼ of Sec. 14 Twp. 27-S, R-1-W of the 6th. P.M., Sedgwick County, Kansas.

Beachman Company, P.A.

8/5/87
Date

William C. Norber — 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 "DONNA'S 3RD. ADDITION" Wichita Kansas. The easements are hereby granted as indicated for the construction and maintenance of all public utilities. The streets are hereby dedicated to and for the use of the public.

Wichita State Bank

Larry G. Burns — Sr. V.P.

This plat of "DONNA'S 3RD. ADDITION" Wichita Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.
Dated this ___ day of July 198_.

Wichita-Sedgwick County Metropolitan Area Planning Commission

Mary Ellen Genick — Vice-Chairman

Secretary

This plat approved and all dedications shown hereon accepted by the Board of Commissioners of the City of Wichita, Kansas, this ___ day of ___ 198_.

Robert G. Knight — Mayor

Date E. Rea — Deputy City Clerk

Entered on transfer record this ___ day of June 1987.

Don Wright — County Clerk

State of Kansas } S.S.
Sedgwick County }

This is to certify that this plat has been filed for record in the office of the Register of Deeds this ___ day of ___ 198_, at ___ o'clock ___ M, and is duly recorded.

Pat Kettler — Register of Deeds

Ed Rees — Deputy

State of Kansas } S.S.
Sedgwick County }

The foregoing instrument was acknowledged before me this ___ day of ___ 198_ by Larry G. Burns, Senior Vice-President of Wichita State Bank, on behalf of the corporation.

Jan Read — Notary Public

My Appt. Exp. ___

472-B170E

7/7

PC 3-8

18-15-1-e