

PAVING IMPROVEMENTS FOR  
**TARA CIRCLE**

TARA CIRCLE: PAVING FROM 388.11' NORTH OF THE N.W. COR. OF  
TARA CIRCLE & 21ST STREET N. TO & INCL. CUL-DE-SAC

**PROJECT NO.**  
**472-76-245-81345-000-000-001**

CITY OF WICHITA, KANSAS  
MICHAEL E LINDEBAK, CITY ENGINEER  
JUNE, 1986

**GENERAL NOTES**

- 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 CONTACT UTILITY COMPANIES FOR LOCATION OF ANY UNDERGROUND LINES.
- CURB SHALL BE DEPRESSED THROUGH DRIVES (11"), WHERE FULL TYPE CURB AND GUTTER IS CONSTRUCTED.
- NO MORE THAN 2-40' AND 1-24' DRIVEWAY APPROACHES OR THE EQUIVALENT TO BE CONSTRUCTED.
- I-A INLET HOOKUPS TO BE BID EACH. SIZE VARIES.
- NOTIFY THE FOLLOWING COMPANIES PRIOR TO ANY EXCAVATION:

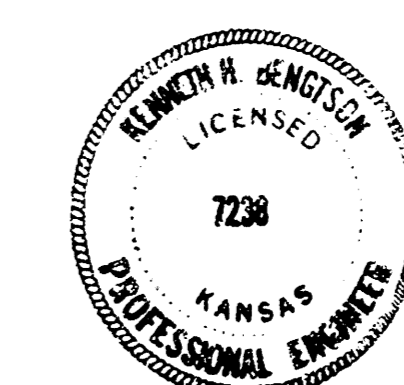
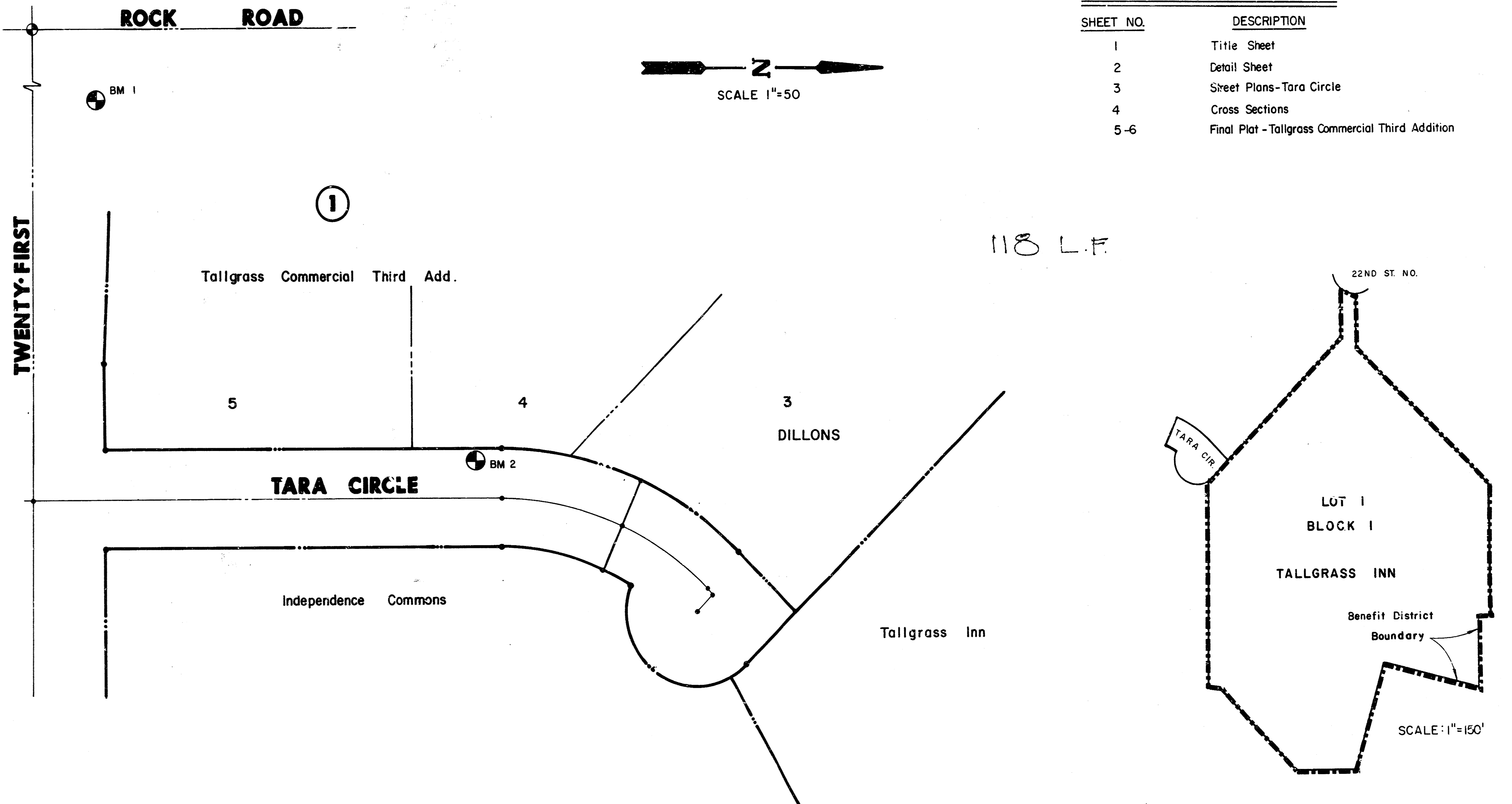
ARKLA GAS COMPANY	942-8350
BELL TELEPHONE COMPANY	1-316-571-2115
CABLEVISION	262-0661
KPI GAS SERVICE	263-7511
KANSAS GAS & ELECTRIC	261-6248
KANSAS ONE-CALL	1-800-344-7233
CITIES SERVICE	524-0491
KANSAS GAS SUPPLY	1-316-254-7243
CONTINENTAL PIPELINE COMPANY	1-316-681-2081
CO-OP REFINERY PIPELINE	1-316-221-2107

**BENCH MARKS**

- BM #1 Rock Road and 21st Street North  
City of Wichita Bench Mark Disc.  
45' north and 48' east of centerline  
of both  
Elevation = 214.568
- BM #2 Chiseled "+" in centerline of curb  
inlet on west side of Tara Circle,  
north of north entrance to Centrai  
Bank  
Elevation = 209.29

**INDEX TO DRAWINGS**

SHEET NO.	DESCRIPTION
1	Title Sheet
2	Detail Sheet
3	Street Plans-Tara Circle
4	Cross Sections
5-6	Final Plat - Tallgrass Commercial Third Addition

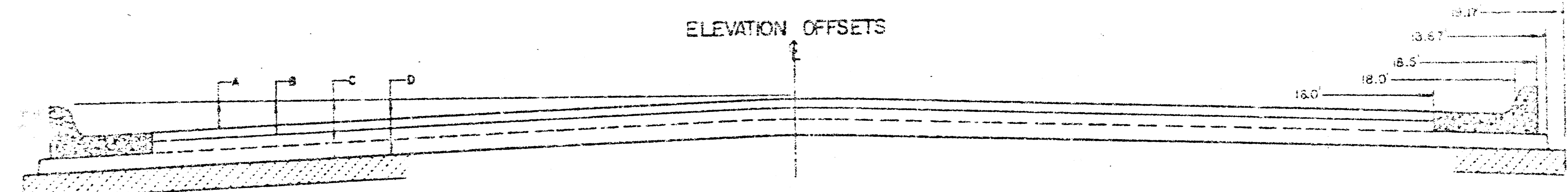
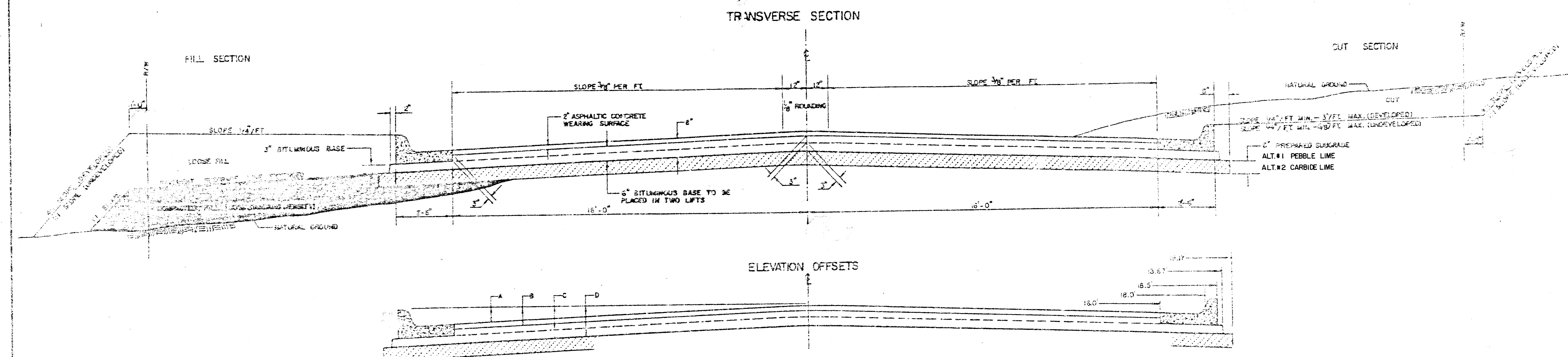


SHEET 3 REVISED: SEP 12, 86

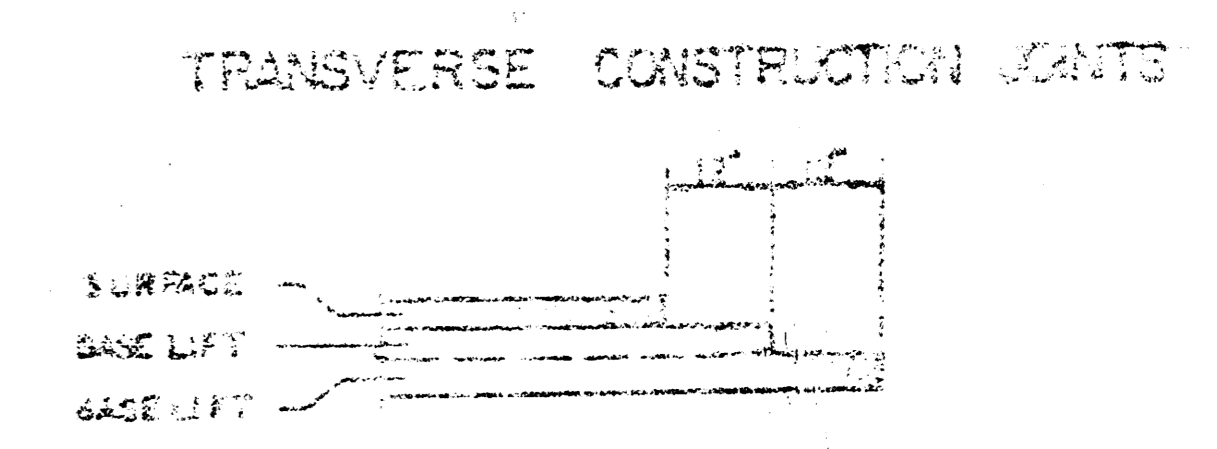
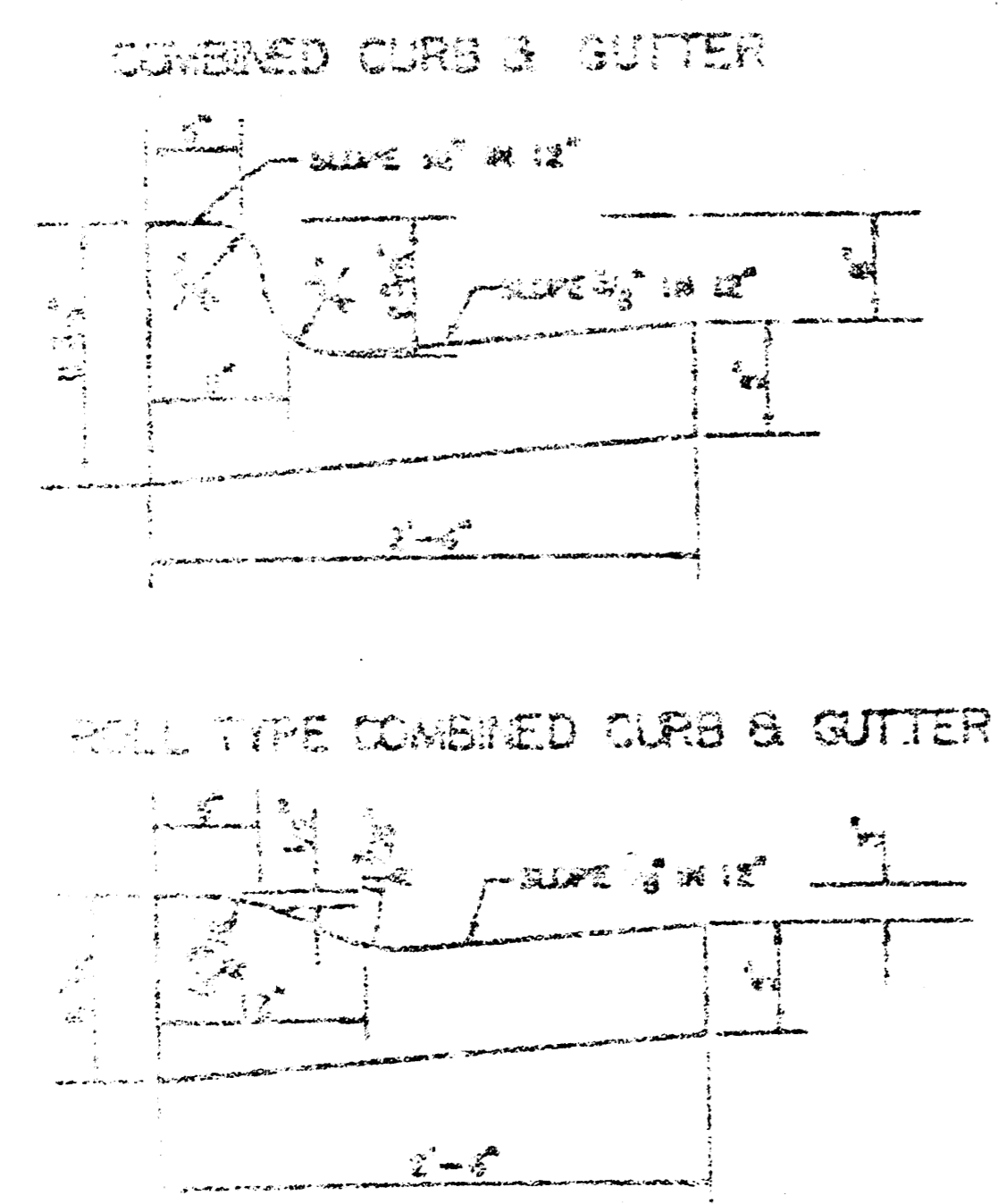
	<b>PAVING PLANS FOR TARA CIRCLE</b>	Desg: KKL Drawn by: DPR Checked by: AMS Date: 5-30-86 Job no:
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226	Sheet <b>1</b> of <b>6</b>

5/16 F-59

# TYPICAL 37' PAVEMENT DETAILS



	DISTANCE FROM CENTERLINE (L.F. & IN.)												
	0	2	4	6	8	10	12	14	16	18	18.5	19.67	19.17
A: TOP OF CURBS TO TOP OF SURFACE LIFT	.01	.05	.11	.18	.24	.30	.36	.43	.49	---	---	---	---
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	.17	.22	.28	.34	.40	.47	.53	.59	.65	---	---	---	---
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	.42	.47	.53	.59	.65	.72	.78	.84	.90	.97	.98	.99	---
D: TOP OF CURBS TO TOP OF SUBGRADE	.67	.72	.78	.84	.90	.97	1.03	1.09	1.15	1.22	1.23	1.24	1.25



- GENERAL NOTES**
- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).
  - 2) THE BITUMINOUS BASE UNDER AND BENEATH THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 3" BITUMINOUS BASE.
  - 3) A TACK COAT OF EMULSIFIED ASPHALT (50-100 OR 650-100) SHALL BE APPLIED AT AN APPROPRIATE 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 RATE AND GRADE.
  - 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STRENGTHEN 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 SURFACE 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 SHALL BE STRENGTHENED BY PLACING BASE PAVEMENT AT JOINTS FROM PAVEMENT JOINTS EXISTING PLEASANT EARLY PAVEMENT AS SHOWN BY THE DETAIL. ALL JOINTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE STRENGTHENED BY THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE (2" BITUMINOUS BASE).

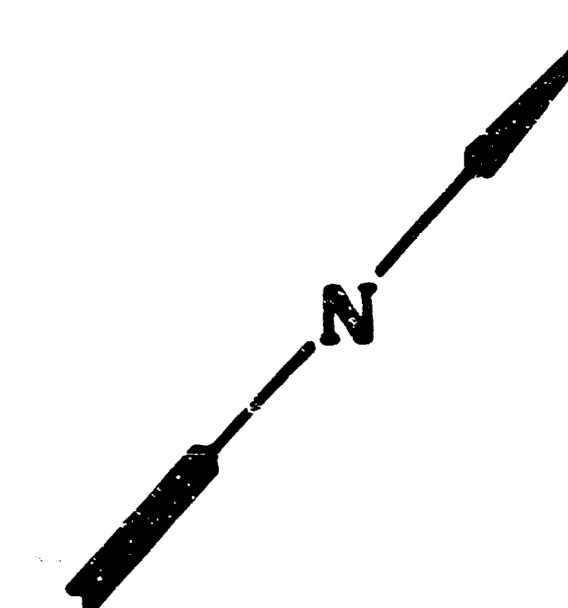
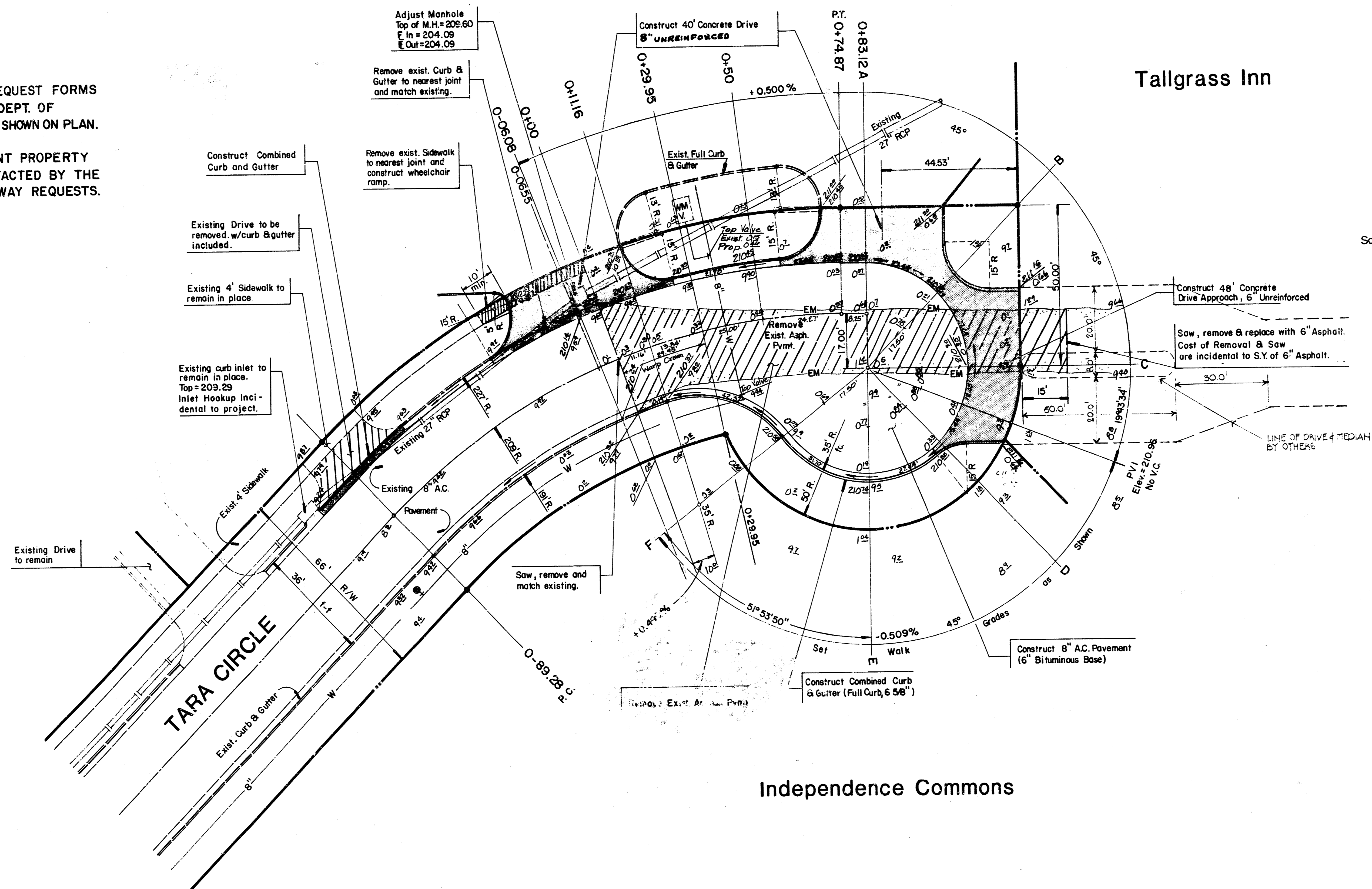
26  
 8 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 6 INCH BITUMINOUS BASE  
 CITY OF WICHITA, KANSAS  
 2/1

Tallgrass Commercial Third

Tallgrass Inn

EXECUTED DRIVEWAY REQUEST FORMS ON FILE AT CITY HALL, DEPT. OF ENGINEERING FOR DRIVES SHOWN ON PLAN.

ALL REMAINING ADJACENT PROPERTY OWNERS SHALL BE CONTACTED BY THE CONTRACTOR FOR DRIVEWAY REQUESTS.



Scale: 1" = 20'

Independence Commons

Excavation	170.50 C.Y.
+10% Total	187.55 C.Y.
Manipulation	688.20 S.Y.

NOTE: COMPACTED FILL (90% DENSITY), IF ANY, SHALL BE INCIDENTAL TO OTHER BID ITEMS OF WORK.

NOTE: REMOVAL OF MISC DEBRIS THAT MAY EXIST WITHIN STREET R/W SHALL BE REMOVED AT THE BID PRICE FOR "EXCAVATION"

TARA CIRCLE					
$\Delta = 45^{\circ}00'00''$ R = 209.00' T = 86.57' L = 164.15' LC = 159.96'					
CURVE DATA BASED ON Centerline RAD $\Delta$ / 2 = 22^{\circ}30'00''					
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8' OFF L/CB	8' OFF R/CB		
0 + 89.26					0^{\circ}00'00''
0 + 00.00	89.26	99.60	77.56	12^{\circ}14'06''	12^{\circ}14'06''
0 + 11.16	11.16	12.55	9.77	1^{\circ}31'49''	13^{\circ}45'55''
0 + 29.95	18.79	21.12	---	2^{\circ}34'31''	16^{\circ}20'26''
0 + 50.00	20.05	22.53	---	2^{\circ}44'53''	19^{\circ}05'19''
0 + 74.87	24.87	27.97	---	3^{\circ}24'41''	22^{\circ}30'00''
Def/Ft. = 8.2243 min.					

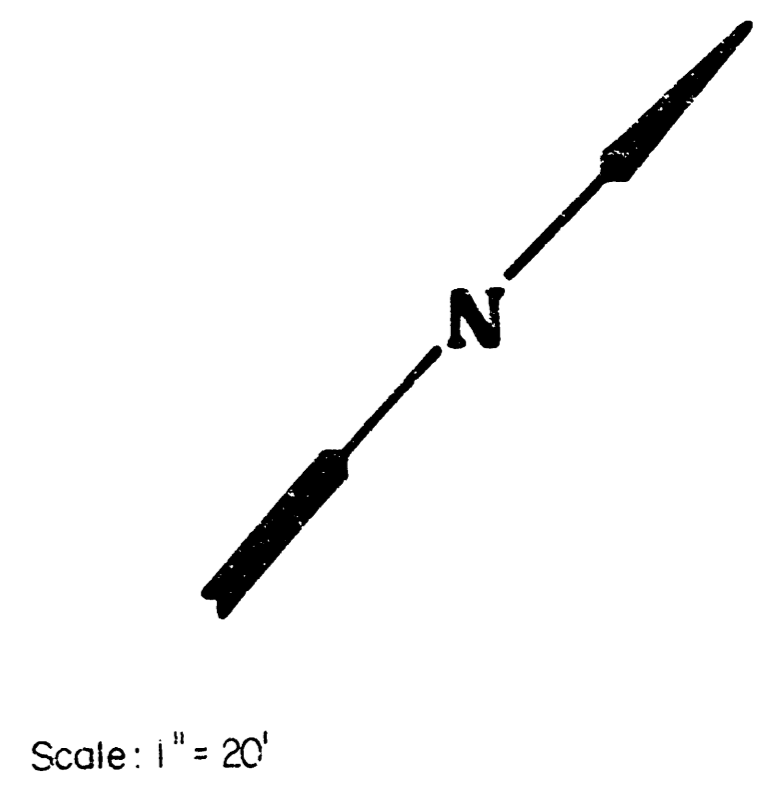
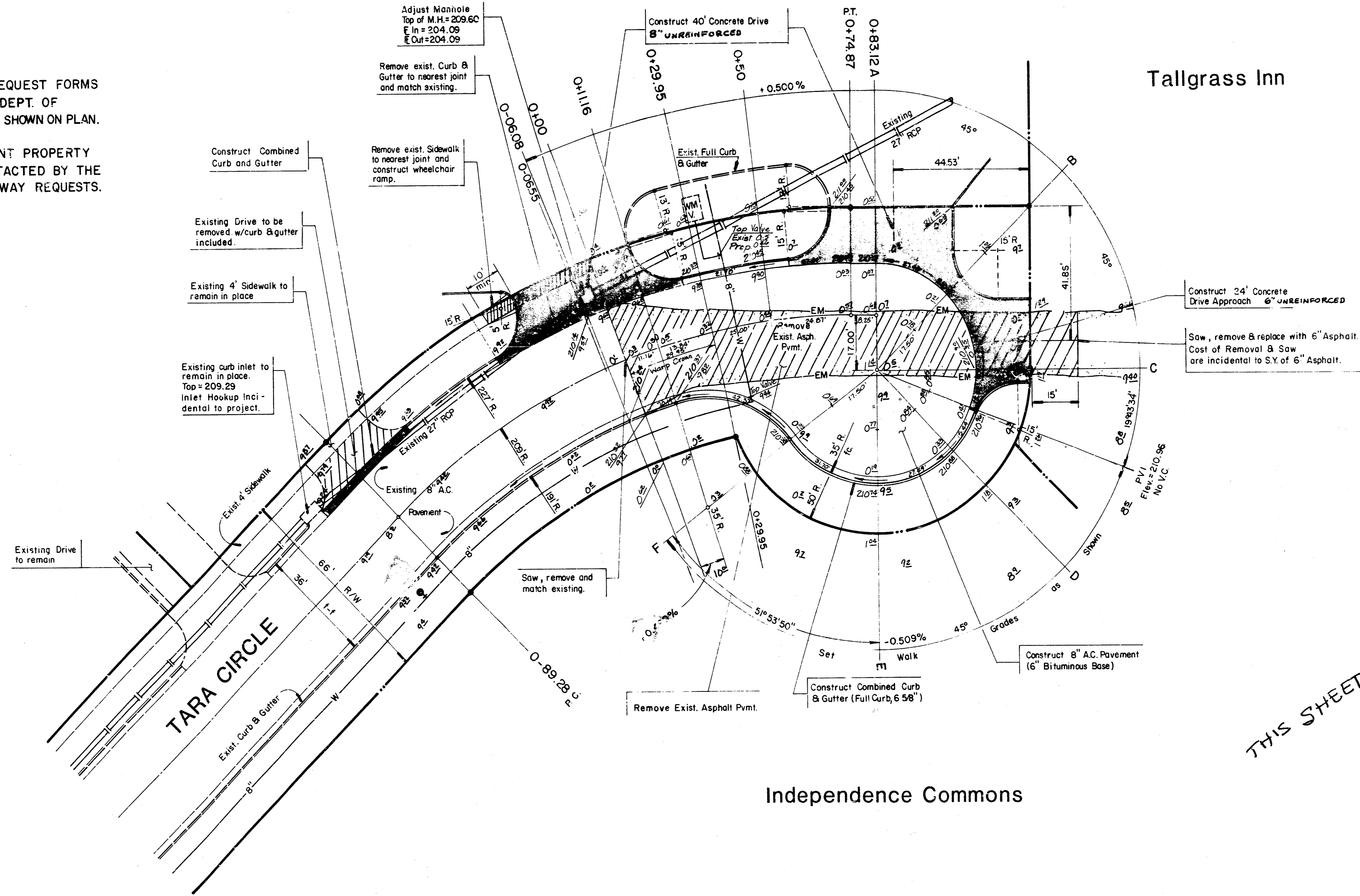
REVISED: SEP 12, 86

	CITY OF WICHITA	Design: KKL
	<b>TARA CIRCLE</b>	Drawn by: DPR
	PROJECT NO. 472-76-245-81345-000-000-001	Checked by: AMS
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 1800 WICHITA, KANSAS 67226		Date: MAY 1986 Job no: Sheet: <b>3A</b> of: <b>6</b>

Revised 9/8/86

Tallgrass Commercial Third

EXECUTED DRIVEWAY REQUEST FORMS ON FILE AT CITY HALL, DEPT. OF ENGINEERING FOR DRIVES SHOWN ON PLAN.  
ALL REMAINING ADJACENT PROPERTY OWNERS SHALL BE CONTACTED BY THE CONTRACTOR FOR DRIVEWAY REQUESTS.



THIS SHEET VOIDED 9-12-86  
CJS

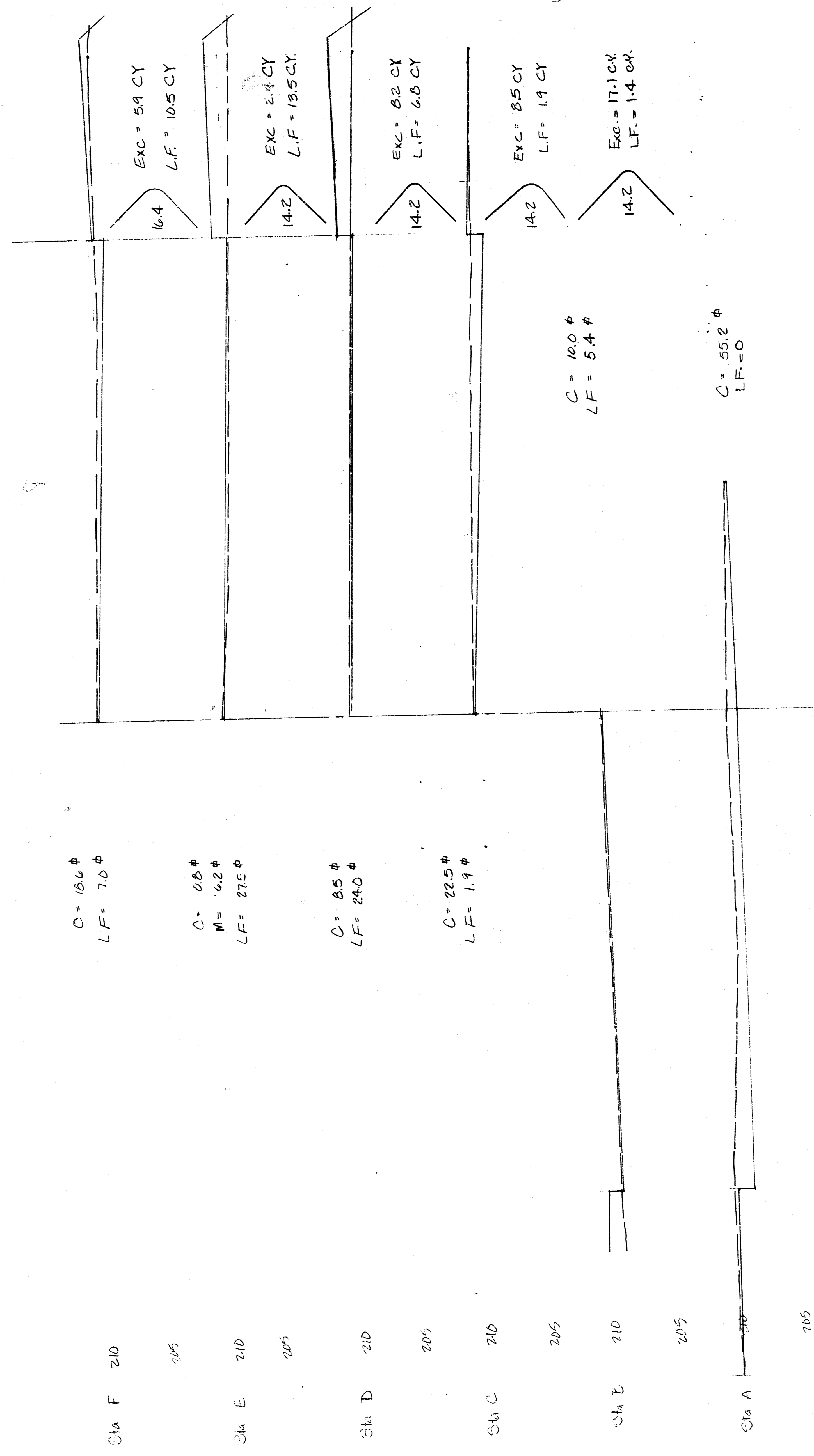
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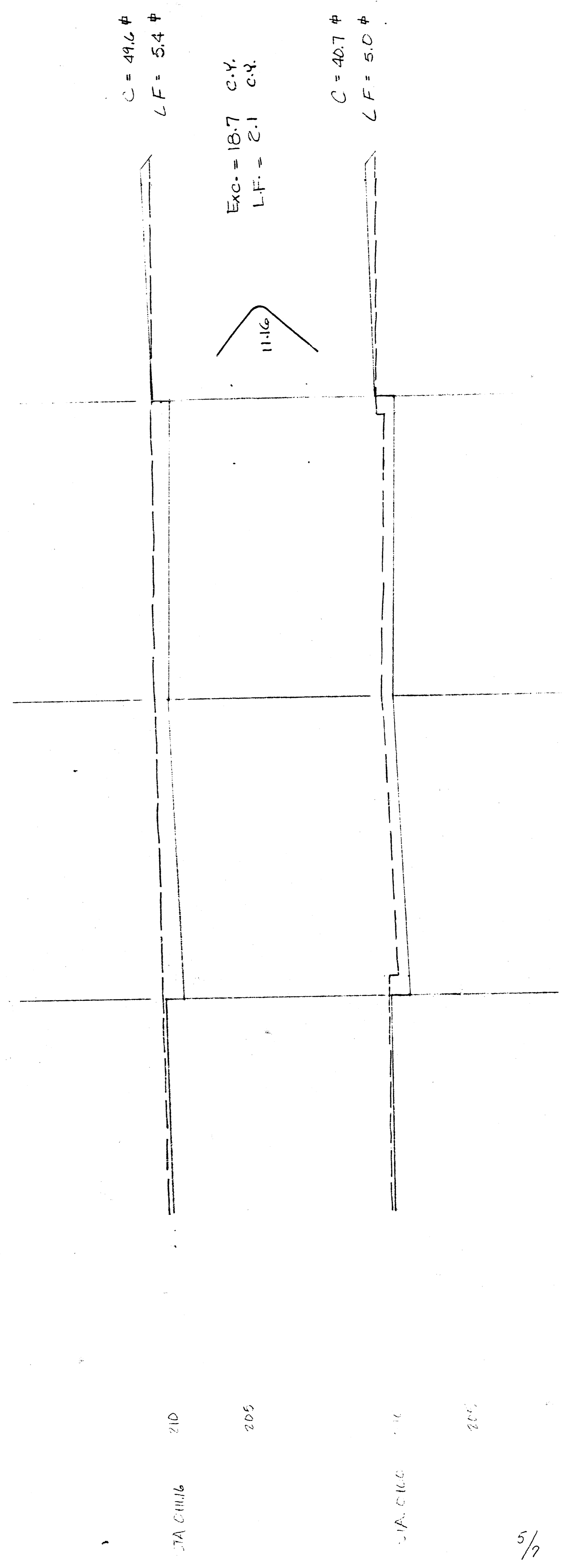
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CURVE DATA BASED ON Centerline RAD $\Delta / 2 = 22^{\circ}30'00''$					
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8' OFF LECB	8' OFF RECB		
0 + 89.26					0°00'00"
0 + 90.00	89.26	99.60	77.56	12°14'06"	12°14'06"
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0 + 74.87	24.87	27.97	---	3°24'41"	22°30'00"
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MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		Date: MAY 1986
682-6561		Sheet: 3 of 6



Exc = 109.7 CY

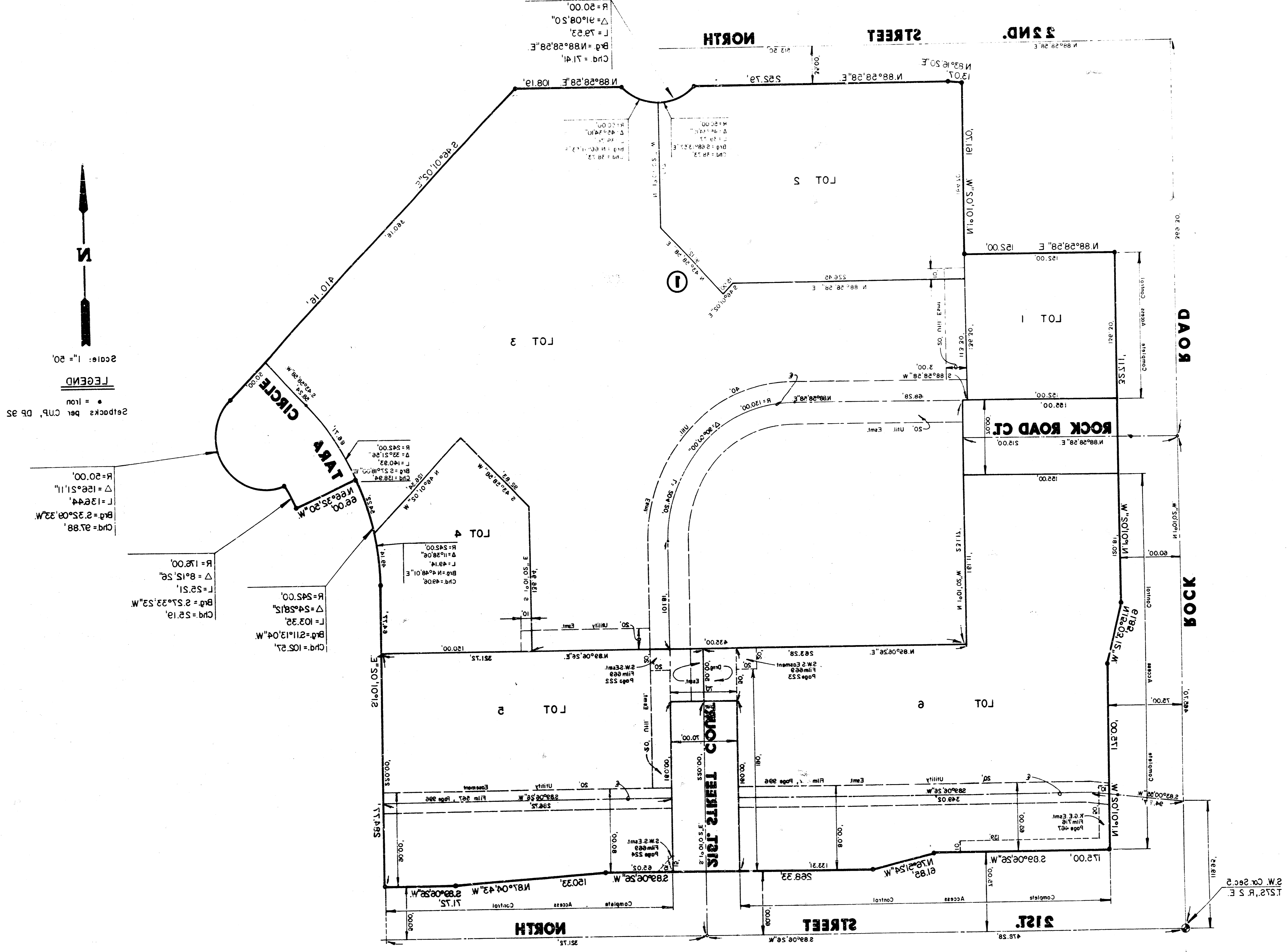


TARA CIRCLE  
 PAVING CROSS SECTIONS  
 PROJ. NO. 472-76-245-81345-000-000-001

# TALLEGRASS COMMERCIAL THIRD ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

FINAL PLAT OF



2pecks del. C.P. DB 95  
 • = Iron  
**LEGEND**  
 Scale: 1" = 20'

Chd = 105.21, Bkt = 211.13, 0.4, W, L = 103.32, Δ = 4.5815, R = 545.00  
 Chd = 52.19, Bkt = 27.23, 53.2, W, L = 52.51, Δ = 8.15, 52, R = 120.00  
 Chd = 27.88, Bkt = 27.35, 09, 23, W, L = 13.44, Δ = 12.51, 11, R = 20.00

NORTH STREET

2ND STREET

1ST STREET

2ND STREET

ROCK ROAD

LOT 1

LOT 2

LOT 3

LOT 4

LOT 5

1/2

1/2

**TALLEGRASS COMMERCIAL THIRD ADDITION**  
**AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS**  
**FINAL PLAT OF**

I, Michael D. Harding, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of TALLEGRASS COMMERCIAL THIRD ADDITION, an addition to Wichita, Sedgewick County, Kansas, into lots, a block, and streets, the same being accurately set forth in the accompanying plat and described as follows:

A tract of land in the southwest quarter of Section 2, Township 27 south, Range 2 east of the 6th P.M., which is a replat of Lot 2, Block 1, Tallegraas Commercial First Addition and all of Tallegraas Commercial Second Addition, both additions to Wichita, Sedgewick County, Kansas.

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 27th day of November, 1982.

*Michael D. Harding, P.E.*  
 Michael D. Harding, P.E.  
 Wichita-Kansas Engineering Consultants, P.A.  
 2800 N. Rock Road, Bld. 8800  
 Wichita, KS 67226

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineers Certificate, have caused the same to be surveyed and platted into lots, a block, and streets, the same to be known as TALLEGRASS COMMERCIAL THIRD ADDITION, an addition to Wichita, Sedgewick County, Kansas. The streets are hereby dedicated to and for the use of the public. Easements for the construction and maintenance of public utilities and drainage are hereby granted as indicated. All public rights of access to front 21st Street North and Rock Road across Block 1, Tallegraas Commercial Third Addition, are hereby granted to the City of Wichita, Kansas. The platting setbacks shall be in accordance with the Tallegraas Commercial Office Park Community Unit Plan (D.P. 92) on file in the City of Wichita, Sedgewick County Metropolitan Area Planning Department Office. A portion of the public street Executive and Robertsons are being vacated by virtue of K.S.A. 12-212(B).

By: *Jack D. Ritchie*  
 Jack D. Ritchie on behalf of  
 Ritchie Enterprises, managing partner  
 1901 R. Muller  
 CENTRAL BANK AND TRUST  
 Ritchie Enterprises, managing partner

STATE OF KANSAS ) ss:  
 SEDGWICK COUNTY )  
 I, Notary Public, do hereby certify that the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have returned to my hand and affixed my notarial seal, in the day and year above written.

*Notary Public*  
 My Appointment Expires: \_\_\_\_\_

STATE OF KANSAS ) ss:  
 SEDGWICK COUNTY )

Be it remembered that on this 27th day of November, 1982 before me a Notary Public in and for said State and County came R. Muller on behalf Central Bank & Trust, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have returned to my hand and affixed my notarial seal, in the day and year above written.

*Notary Public*  
 My Appointment Expires: \_\_\_\_\_

The Wichita-Sedgewick County Metropolitan Area Planning Commission, Wichita, Kansas, has received and approved this plat of TALLEGRASS COMMERCIAL THIRD ADDITION.

Dated this 27th day of November, 1982.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

*William J. Goodel*  
 William J. Goodel, Chairman

*Michael J. Lindback*  
 Michael J. Lindback, Acting Director of Planning

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this 27th day of November, 1982.

*Robert C. Brown*  
 Robert C. Brown, Mayor

*Donald C. Gistick*  
 Donald C. Gistick, City Clerk

Entered on transfer record this 27th day of November, 1982.

*Don Wright*  
 Don Wright, County Clerk

STATE OF KANSAS ) ss:  
 SEDGWICK COUNTY )

This is to certify that this instrument was filed for record in the Register of Deeds Office of \_\_\_\_\_ this 27th day of November, 1982.

*Pat Keltner*  
 Pat Keltner, Register of Deeds

*Notary Public*