STREETS IN COTTONWOOD GROVE

44TH STREET SOUTH: FROM THE EAST LINE OF WEST ST. TO THE EAST LINE OF COTTONWOOD GROVE

PROJECT NO.

[illegible]·76·245·81460·000·000·001

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER

MAY, 1985

GENERAL NOTES

1. ALL DRAINAGE STRUCTURES "BY OTHERS".
2. 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.
3. PAVING CONTRACTOR TO COORDINATE WORK WITH STORM SEWER AND SANITARY SEWER CONTRACTORS AND TO CONTACT UTILITY COMPANIES FOR LOCATION OF ANY UNDERGROUND LINES.
4. Transition from Monolithic Edge Curb 6 5/8", to Monolithic Edge Curb 35/8" Rol.Paid as Monolithic Edge Curb 6 5/8".
5. DESIREABLE EXCAVATION (TOPSOIL AND FREE FROM VEGETATION) SHALL BE DUMPED ON LOTS 1, 2, AND 3, BLOCK 2, AND LOTS 2 AND 3, BLOCK 1, COTTONWOOD GROVE ADDITION. SPREADING OF EXCESS MATERIAL SHALL BE SUBSIDIARY TO PROJECT.

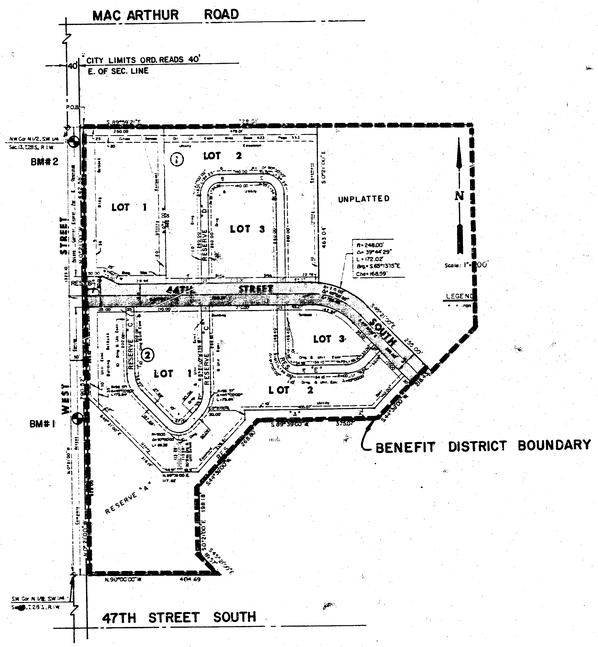
NOTE: NOTIFY THE FOLLOWING COMPANIES PRIOR TO ANY EXCAVATION:

ARKLA GAS COMPANY	942-8350
BELL TELEPHONE COMPANY	268-2256
CABLEVISION	269-3340
GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	261-6375
KANSAS ONE-CALL	1-800-344-7233

BENCHMARKS

B.M. # 1 "□" CUT [illegible] CENTERLINE OF E. HUB GUARD OF RCB ± 500' N of S.W. CORNER COTTONWOOD GROVE.
ELEV. = 94.18 (CITY DATUM)

B.M. # 2 R.R. SPIKE IN E. FACE OF POWER POLE 40' S.&40 E. OF W ¼ CORNER SECTION 13-28-1W.
ELEV. = 94.14 (CITY DATUM)



INDEX

SHEET NO:	DESCRIPTION
1	TITLE SHEET
2	TYPICAL STREET SECTION
3	DETAILS
4-6	44TH STREET SOUTH
7-9	CROSS SECTIONS
10	FINAL PLAT

KENNETH H. BENGTSON LICENSED 7238 KANSAS PROFESSIONAL ENGINEER

COTTONWOOD GROVE

PAVING PLANS

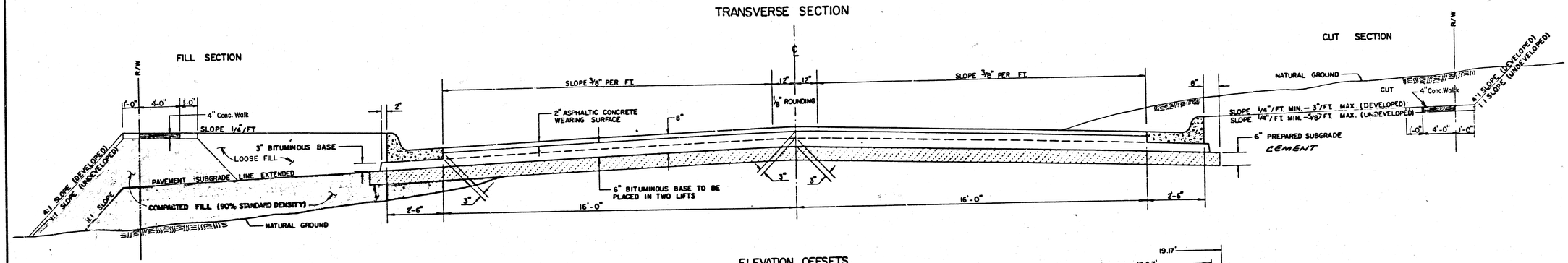
MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226 682 6581

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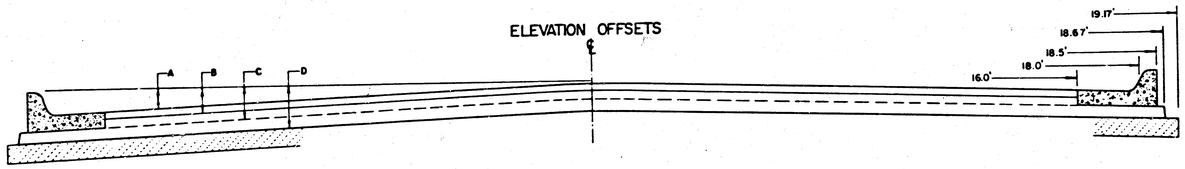
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TYPICAL 37' PAVEMENT DETAILS

TRANSVERSE SECTION

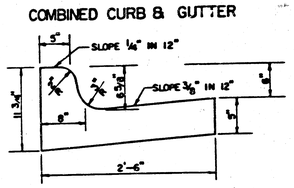


ELEVATION OFFSETS

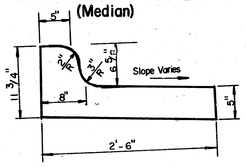


	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0	2	4	6	8	10	12	14	16	18	18.5	18.67	19.17
A: TOP OF CURBS TO TOP OF SURFACE LIFT	.01	.05	.11	.18	.2	.30	.36	.43	.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	.17	.22	.28	.34	.40	.47	.53	.59	.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	.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

COMBINED CURB & GUTTER

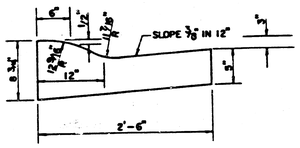


COMBIND CURB & GUTTER (Median)



Note:
Combined Curb and Gutter(Median) Paid as L.F. Combined Curb and Gutter(6-5/8)

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 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

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

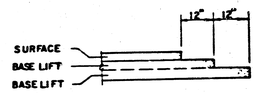
3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

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



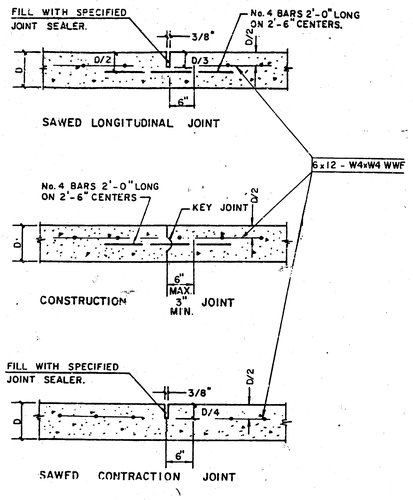
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

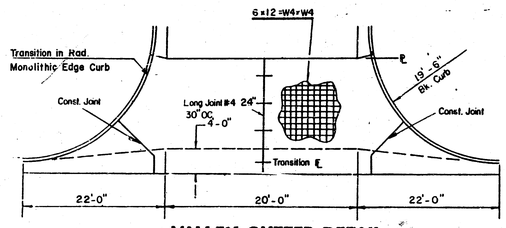
8 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 6 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER 2/10

2/10

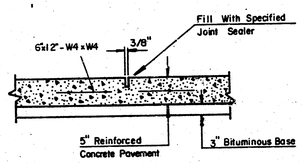
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NOTE: TRANSITION FROM MONOLITHIC EDGE CURB 6 5/8" TO MONOLITHIC EDGE CURB 3 5/8". PAID AS MONOLITHIC EDGE CURB 6 5/8".



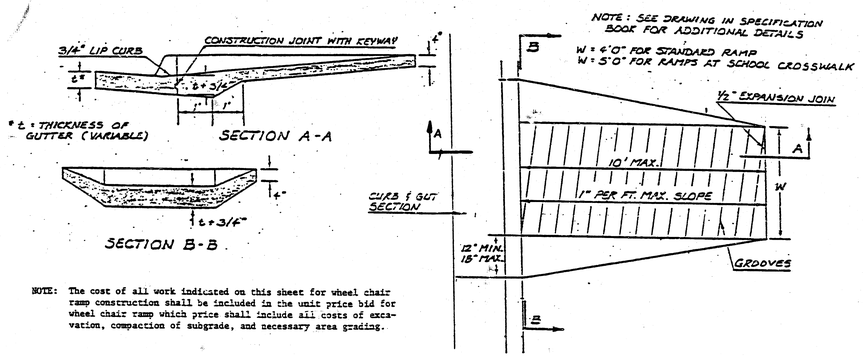


VALLEY GUTTER DETAIL



8" REINF. VALLEY GUTTER PAVEMENT

STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREETS WITH COMBINED CURB & GUTTER



NOTE: The cost of all work indicated on this sheet for wheel chair ramp construction shall be included in the unit price bid for wheel chair ramp which price shall include all costs of excavation, compaction of subgrade, and necessary area grading.

DETAILS
81640
81460

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3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
682-6561

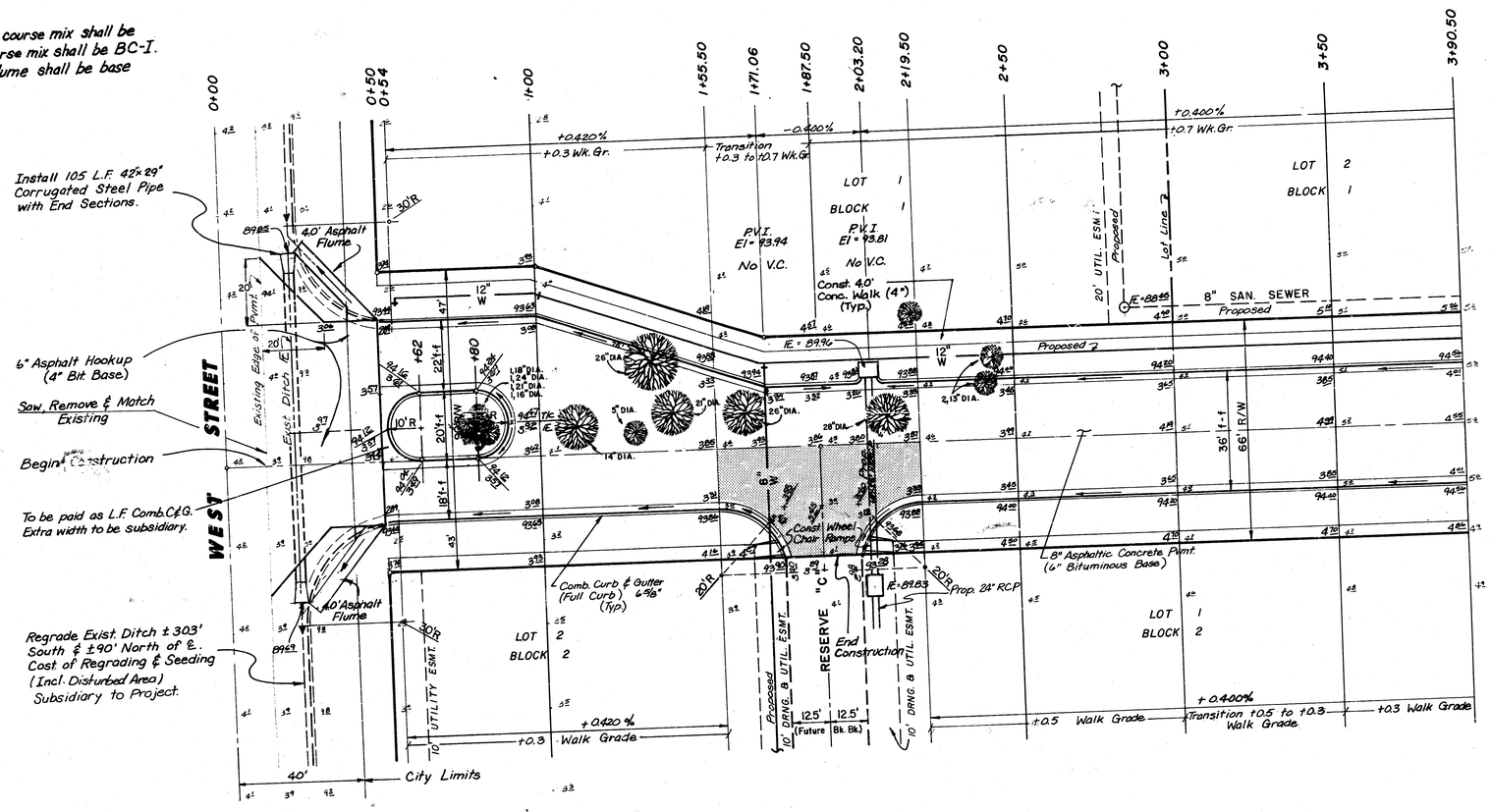
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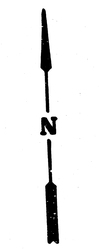
Sheet 3/10 3 of 10

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COTTONWOOD GROVE

Note:
1. Asphalt Hookup surface course mix shall be SC-1; Asphalt Base course mix shall be BC-I.
2. Material for Asphalt Flume shall be base course mix BC-I.



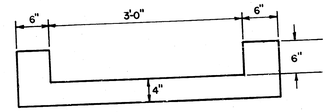


SCALE: 1" = 20'

	EXCAVATION	COMPACTED FILL
	2878.80 C.Y.	158.90 C.Y.
+10%	287.88	15.89
TOTAL:	3166.68 C.Y.	174.79 C.Y.
	Manipulation: 5599.9 S.Y.	

INTERSECTION QUANTITIES

- ____ S.Y. ____" Concrete Pavement
- 174.4 S.Y. 8 " Asphaltic Conc. Pavement (6 " Bituminous Base)
- 15.6 S.Y. 3 " Bituminous Base
- 52.7 L.F. Combined Curb & Gutter (6 5/8")
- ____ L.F. Integral Curb
- ____ S.F. 4" Wheelchair Ramp
- ____ S.F. 4" Walk
- ____ C.Y. Excavation
- ____ C.Y. Compacted Fill
- ____ Lbs. Reinforcing Steel
- 193.5 S.Y. Manipulation
- ____ Tons Lime or Cement
- ____ S.Y. V.G. ____" Concrete & ____" Asphaltic Concrete Base



TEMPORARY ASPHALT FLUME
Scale 1"=10'

Note:
Cost of Asphaltic Flumes shall be subsidiary to S.Y. of 6" Asphalt Hookup.

44TH ST. SOUTH

COTTONWOOD GROVE

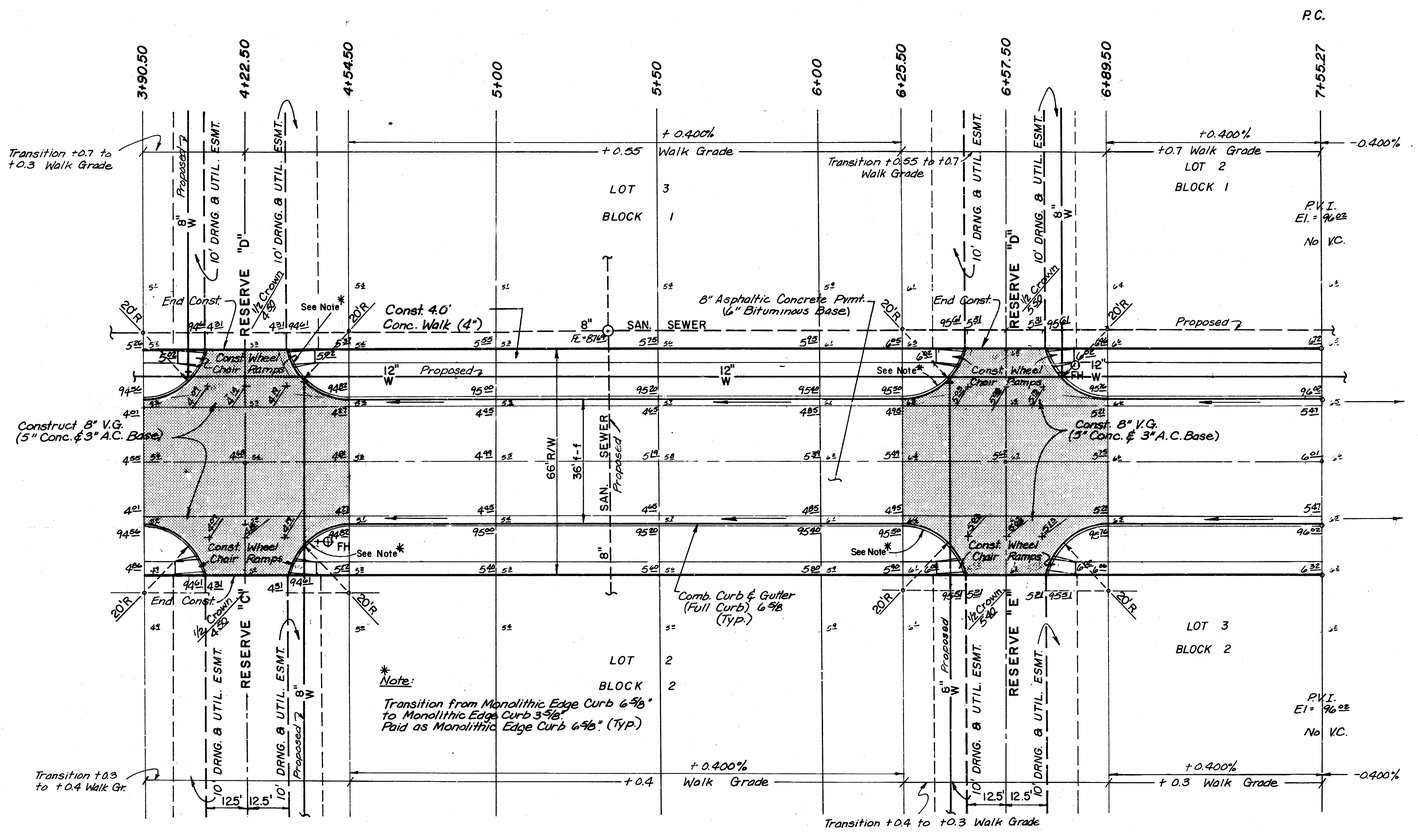
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Job No.

Sheet 4 of 10

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3500 N. ROCK ROAD
BUILDING 800
WICHITA, KANSAS 67206
682-6561

COTTONWOOD GROVE



N

SCALE: 1"= 20'

INTERSECTION QUANTITIES

____	S.Y. ____" Concrete Pavement
227.6	S.Y. 8" Asphaltic Conc. Pavement (6" Bituminous Base)
---	S.Y. --" Bituminous Base
---	L.F. Combined Curb & Gutter
105.4	L.F. ~~Monolithic Curb~~ Monolithic edge curb (6 5/8")
____	S.F. 4" Wheelchair Ramp
____	S.F. 4" Walk
____	C.Y. Excavation
____	C.Y. Compacted Fill
____	Lbs. Reinforcing Steel
387.0	S.Y. Manipulation
____	Tons Lime or Cement
151.9	S.Y. V.G. 5" Concrete & 3" Asphaltic Concrete Base

INTERSECTION QUANTITIES

____	S.Y. ____" Concrete Pavement
227.6	S.Y. 8" Asphaltic Conc. Pavement (6" Bituminous Base)
---	S.Y. --" Bituminous Base
---	L.F. Combined Curb & Gutter
105.4	L.F. Monolithic Curb Monolithic edge curb (6 5/8")
____	S.F. 4" Wheelchair Ramp
____	S.F. 4" Walk
____	C.Y. Excavation
____	C.Y. Compacted Fill
____	Lbs. Reinforcing Steel
387.0	S.Y. Manipulation
____	Tons Lime or Cement
151.9	S.Y. V.G. 5" Concrete & 3" Asphaltic Concrete Base

MK EC

44TH ST. SOUTH

COTTONWOOD GROVE

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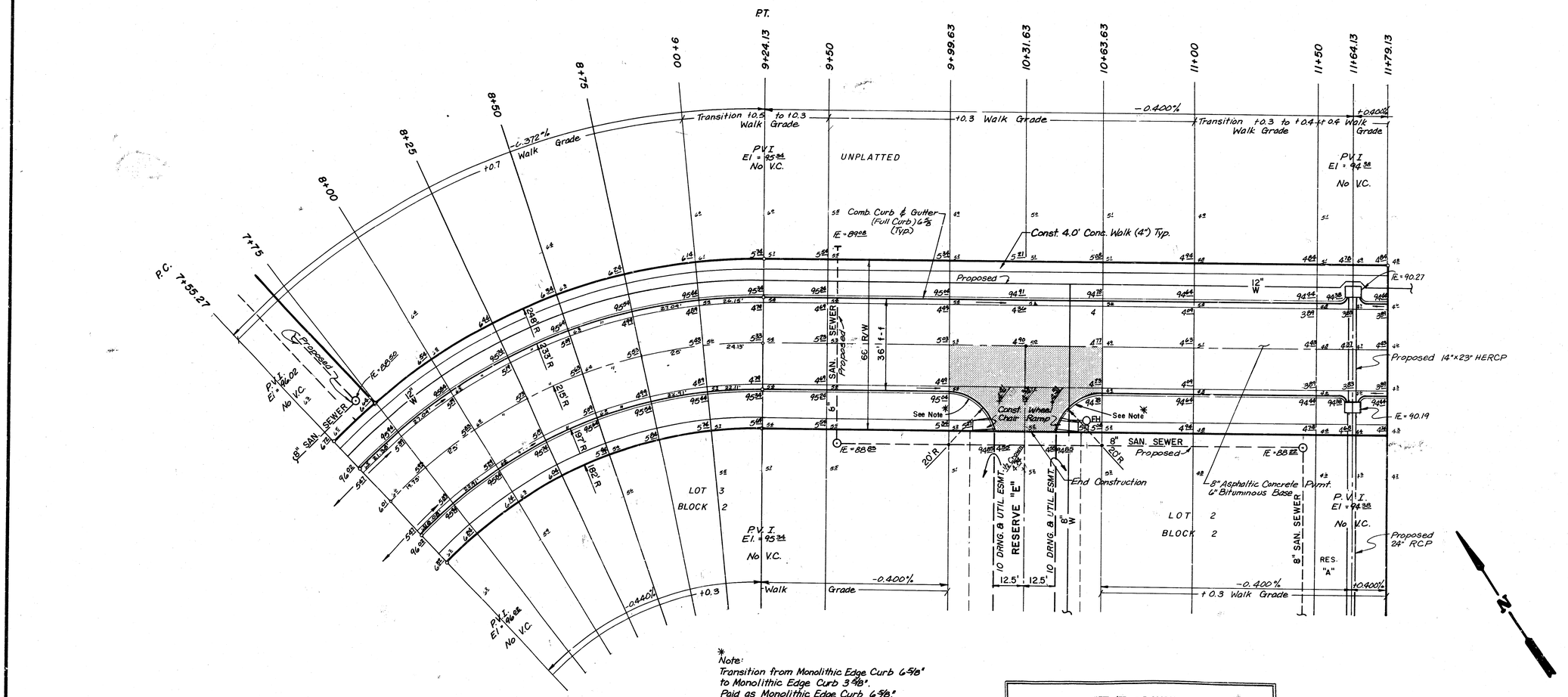
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BUILDING 800
WICHITA, KANSAS 67206
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Sheet 5/10 5

11 of 10

COTTONWOOD GROVE ADDITION



*Note:
Transition from Monolithic Edge Curb 6 5/8" to Monolithic Edge Curb 3 5/8". Paid as Monolithic Edge Curb 6 5/8".

SCALE: 1" = 20'

DEFL./FT. = 7.994760

Δ = 45° 00' R = 215.00 T = 89.06 L = 168.86' LC = 164.55

CURVE DATA BASED ON 8 RAD., Δ/2 = 22° 30'

STATION	ARC	CHORD &'s Off L.C.	LENGTH &'s Off R.C.	DEFLECTION	TOTAL DEFLECTION
7 + 55.27					0° 00' 00"
7 + 75.00	19.73	22.01'	17.34'	2° 37' 44"	2° 37' 44"
8 + 00.00	25.00	28.01'	21.96'	3° 19' 52"	5° 57' 36"
8 + 25.00	25.00	28.01'	21.96'	3° 19' 52"	9° 17' 28"
8 + 50.00	25.00	28.01'	21.96'	3° 19' 52"	12° 37' 20"
8 + 75.00	25.00	28.01'	21.96'	3° 19' 52"	15° 57' 12"
9 + 00.00	25.00	28.01'	21.96'	3° 19' 52"	19° 17' 04"
9 + 24.13	24.13	27.04'	21.20'	3° 12' 56"	22° 30' 00"

INTERSECTION QUANTITIES

---	S.Y. --- " Concrete Pavement
113.8	S.Y. 8 " Asphaltic Conc. Pavement (6 " Bituminous Base)
---	S.Y. --- " Bituminous Base
---	L.F. Combined Curb & Gutter
52.7	L.F. Monolithic Edge Curb (6 5/8")
---	S.F. 4" Wheelchair Ramp
---	S.F. 4" Walk
---	C.Y. Excavation
---	C.Y. Compacted Fill
---	Lbs. Reinforcing Steel
193.5	S.Y. Manipulation
---	Tons Lime or Cement
76.0	S.Y. V.G. 5 " Concrete & 3 " Asphaltic Concrete Base

44TH ST. SOUTH

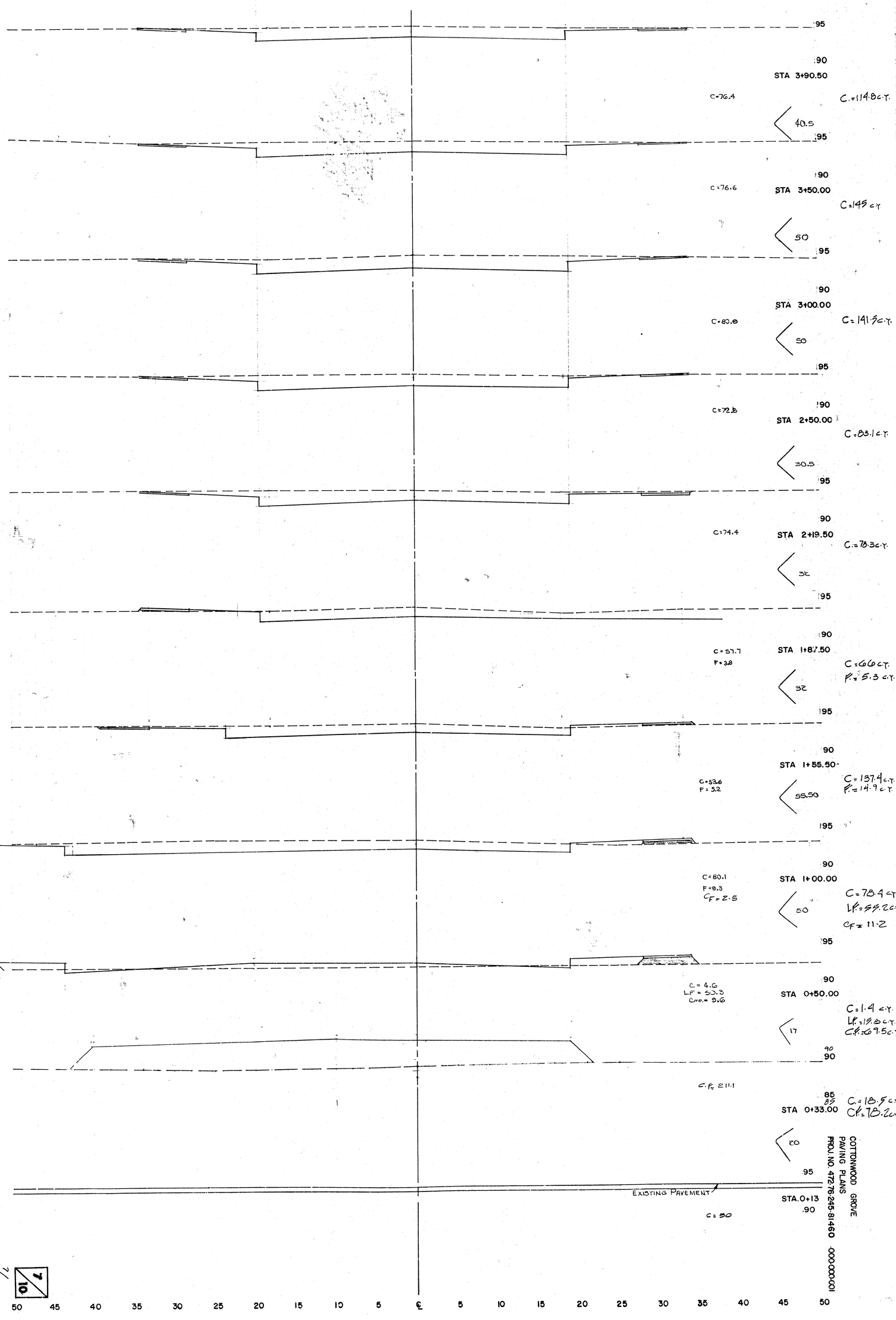
COTTONWOOD GROVE

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Checked by
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Job no.

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BUILDING 800
WICHITA, KANSAS 67206
682-6561

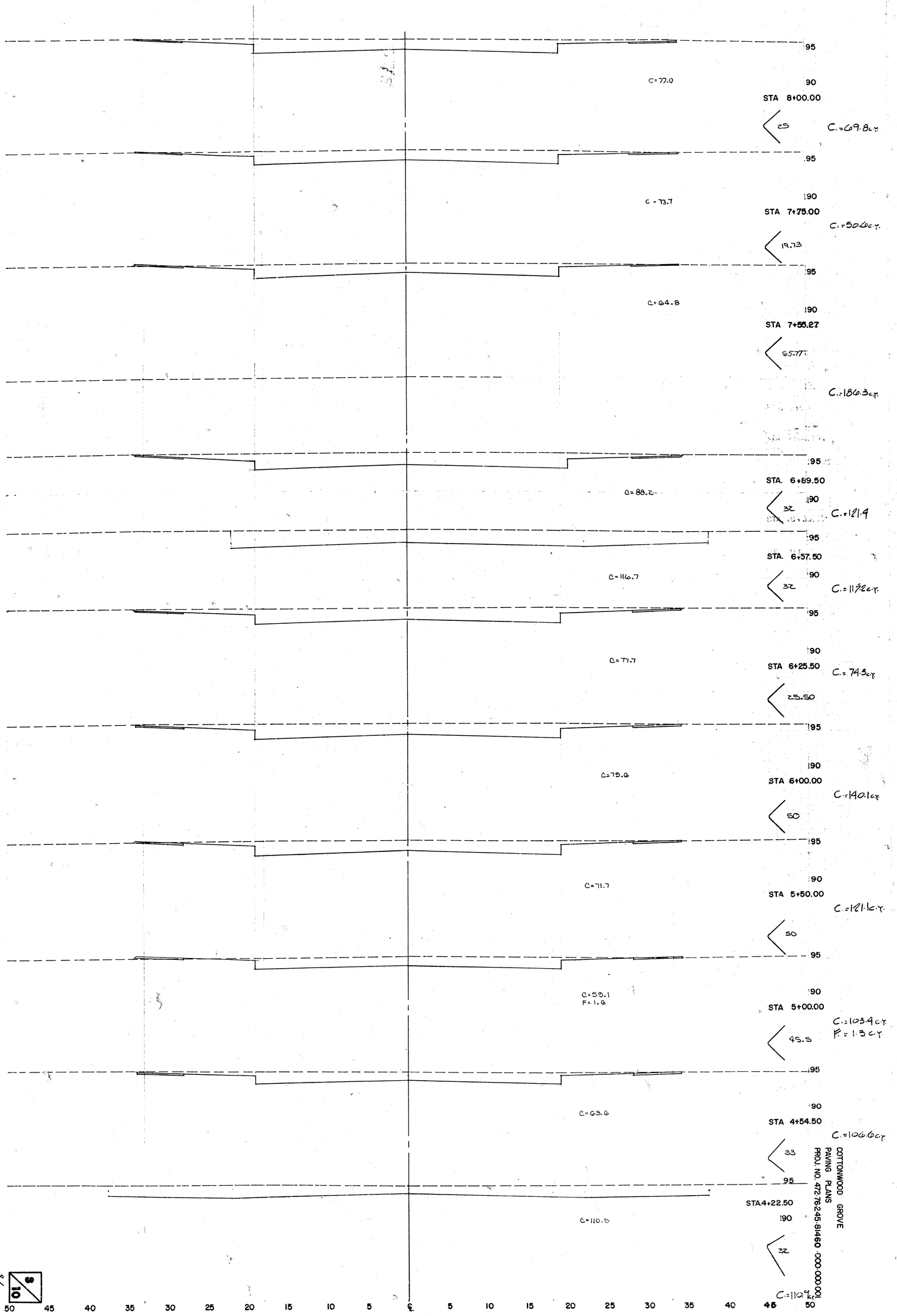
Sheet 6 of 10



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PROJ. NO. 472.76.245.81460 .000.000.001

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PAVING PLANS
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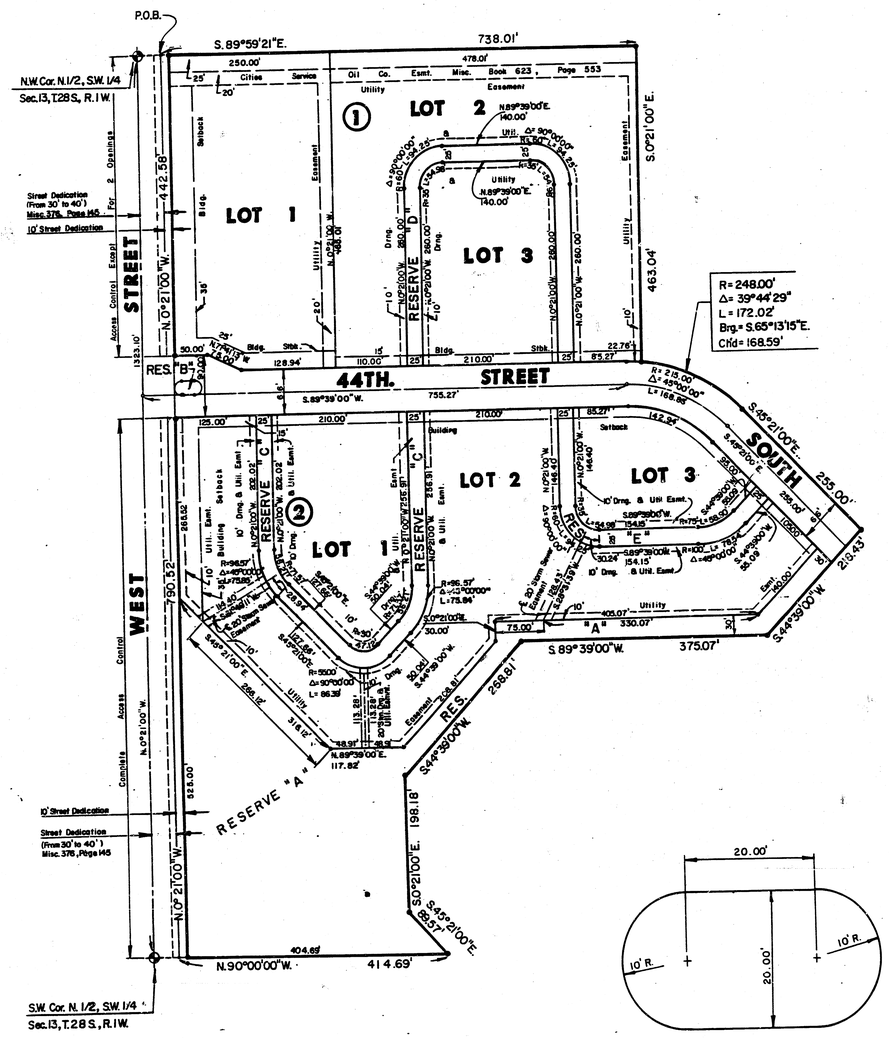
%

STA 8+50.00
90
95
C=144.1c.t
50
STA 9+00.00
90
195
C=127.42c.t
C=92
STA 9+24.13
90
195
C=48.0c.t
R=1.7 c.t
C=48.5
F=3.8
24.13
STA 9+50.00
90
195
C=47.9c.t
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C=51.2
F=2.7
15
C=31.8c.t
R=1.4 c.t

FINAL PLAT OF

COTTONWOOD GROVE

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



N

Scale: 1"= 100'

LEGEND

• = Iron

RESERVE "B" DETAIL

I, Michael D. Harding, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "COTTONWOOD GROVE", an addition to Wichita, Sedgwick County, Kansas, into Lots, Blocks, a Street and Reserves, the same being accurately set forth in the accompanying plat and described herein:

A tract of land in the north half of the southwest quarter of Section 13, Township 28 south, Range 1 west of the 6th Principal Meridian, more particularly described as follows:

Beginning at a point on the north line of said southwest quarter, ~~40.00 feet~~ easterly bearing S 89° 59' 21" E from the northwest corner of the said southwest quarter, thence easterly along the north line of said southwest quarter S 89° 59' 21" E, 738.01 feet; thence S 00° 21' 00" E, 463.04 feet to a point on a curve to the right having a radius of 248.00 feet, a central angle of 39° 44' 29" and a long chord bearing S 65° 13' 15" E, 168.59 feet; thence along said curve 172.02 feet; thence S 45° 21' 00" E, 255.00 feet; thence S 44° 39' 00" W, 218.43 feet; thence S 89° 39' 00" W, 375.07 feet; thence S.44°39'00"W., 256.81 feet; thence S.0°21'00"E., 198.18 feet; thence S45°21'00"E., 88.57 feet; to a point on the south line of said north half; thence N90°00'00"W, 414.69 feet to a point on the east line of West Street; thence north parallel and 40.00 feet east of the west line of said southwest quarter bearing N.0°21'00"W, 1323.10 feet to the point of beginning; containing 20.47 acres, more or less.

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 11TH day of February, 1985.

Michael D. Harding, P.E.
Mid-Kansas Engineering Consultants, P.A.
3500 N. Rock Road, Bldg. 800
Wichita, KS 67226

MICHAEL D. HARDING LICENSED 9399 KANSAS PROFESSIONAL ENGINEER

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, Blocks, a Street and Reserves, the same to be known as "COTTONWOOD GROVE" an addition to Wichita, Sedgwick County, Kansas. Easements for the construction and maintenance of public utilities as indicated on the accompanying plat are hereby granted. Reserve "A" is platted for constructoin and maintenance of public utilities, drainage, open space, and recreation. Reserve "B" is platted for landscaping, utilitias, irrigation, and a median. Reserves "C", "D", and "E" are platted for ucilities, drainage, and for access. Reserves are to be owned and maintained by the Owner's Association. All abutters rights of access over and across the east line of West Street to or from Blocks 1 and 2, are hereby granted to the City of Wichita. Except Lot 1, Block 1, shall have access to West Street at 2 locations, as indicated on the accompanying plat. The location of the two openings for Lot 1, Block 1 shall be determined by the Engineer of the City of Wichita.

Amortibanc Investment Company, Inc.

By: Alexander L. Dean, President

STATE OF KANSAS SS:
COUNTY OF SEDGWICK

Be it remembered that on this 19th day of February, 1985, before me, a Notary Public in and for said State and County, came Amortibanc Investment Company, Inc. by Alexander L. Dean, President, 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 hereunto set my hand and affixed my notarial seal the day and year above written.

Janet A. Robinson, Notary Public

My Appointment Expires: February 23, 1987

JANET A. ROBINSON NOTARY PUBLIC STATE OF KANSAS MY APPT. EXPIRES 2/23/87

The Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas has received and approved this plat of "COTTONWOOD GROVE".

Dated this 14th day of JUNE, 1984.

Wichita-Sedgwick County Metropolitan Area Planning Commission

James C. Wilson, Chairman

Robert A. Lakin, Secretary

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this 19TH day of MARCH, 1985.

Robert G. Knight, Mayor

Donald C. Gistick, City Clerk

738765

Entered on transfer record this 1st day of April 1985.

Don Wright, County Clerk

STATE OF KANSAS SS:
COUNTY OF SEDGWICK

This is to certify that this instrument was filed for record in the Register of Deeds Office at 11:00 AM on the 1st day of April, 1985.

Pat Kettler, Register of Deeds

Ed Resa, Deputy

10/10

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