

STREETS IN COTTONWOOD GROVE

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

PROJECT NO.

76-245-81460-000-000-001

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER

MAY, 1985

GENERAL NOTES

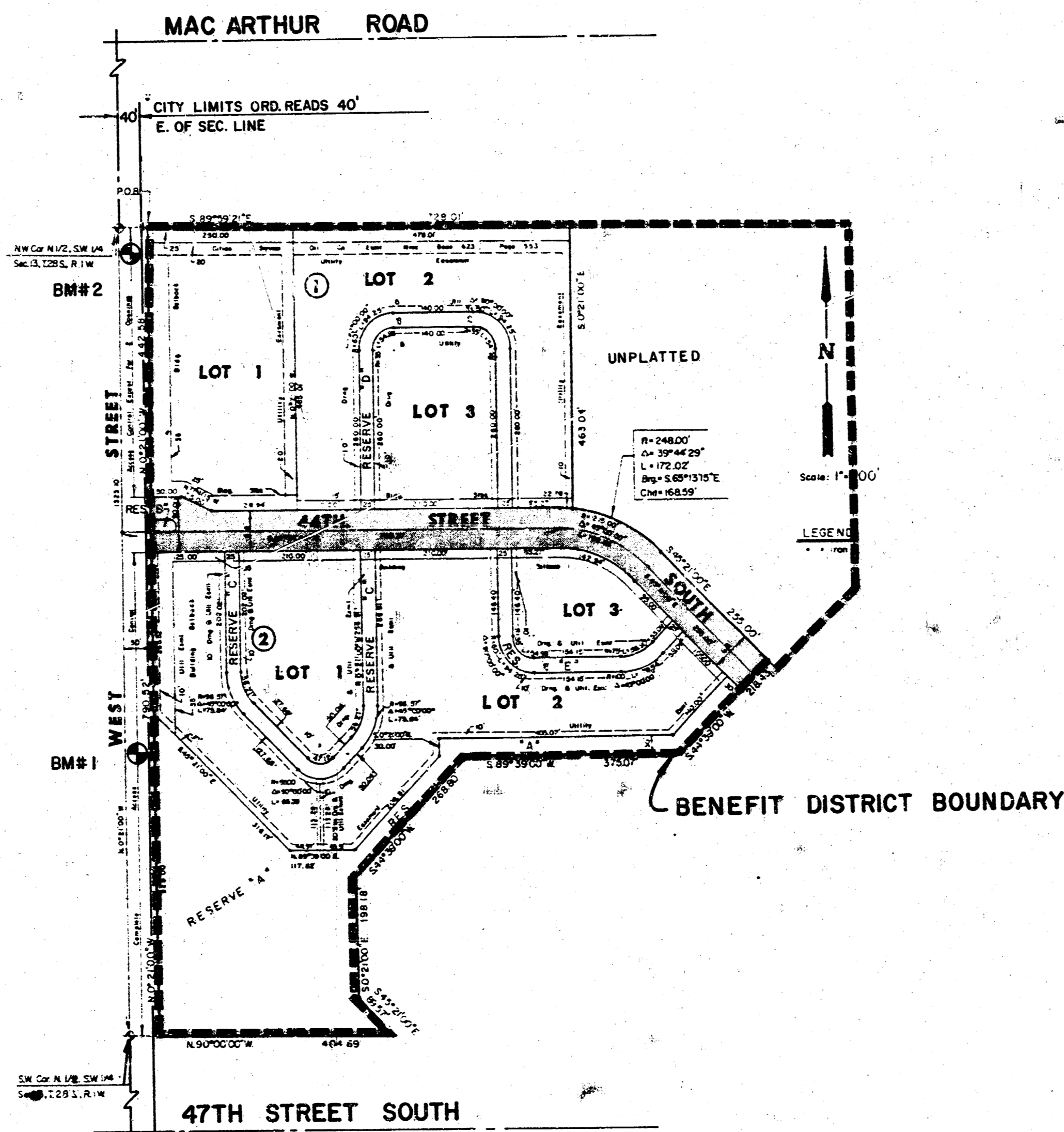
1. ALL DRAINAGE STRUCTURES "BY OTHERS".
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR 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 5 5/8" Rot. Paid as Monolithic Edge Curb 6 5/8".
5. DESIREABLE EXCAVATION (TOPSOIL AND FINE 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	269-2256
CABLEVISION	269-3340
GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	261-6375
KANSAS ONE-CALL	1-800-344-7233

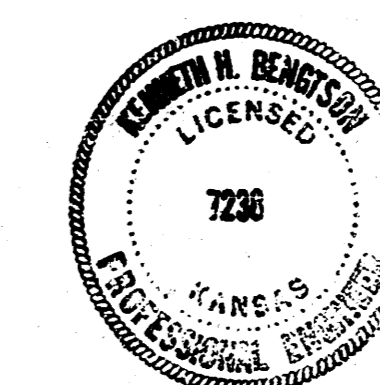
BENCHMARKS

- B.M. # 1 "C" CURB CENTERLINE OF E. HUB GUARD OF RCB ± 500' N of E. 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. 1/4 CORNER SECTION 13-28-14. ELEV. = 94.14 (CITY DATUM)



INDEX

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1	TITLE SHEET
2	TYPICAL STREET SECTION
3	DETAILS
4-6	44TH STREET SOUTH
7-9	CROSS SECTIONS
10	FINAL PLAT

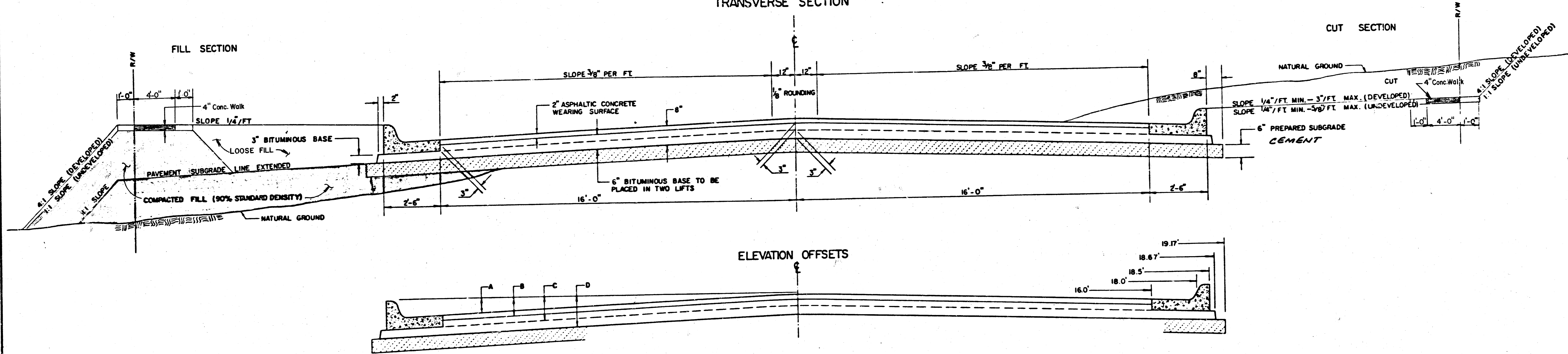


	COTTONWOOD GROVE PAVING PLANS	
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #957 WICHITA, KANSAS 67226 682 5551	1 10

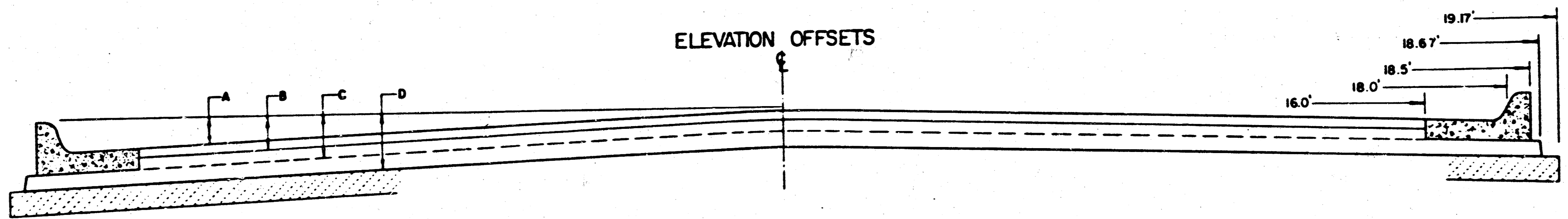
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TYPICAL 37' PAVEMENT DETAILS

TRANSVERSE SECTION

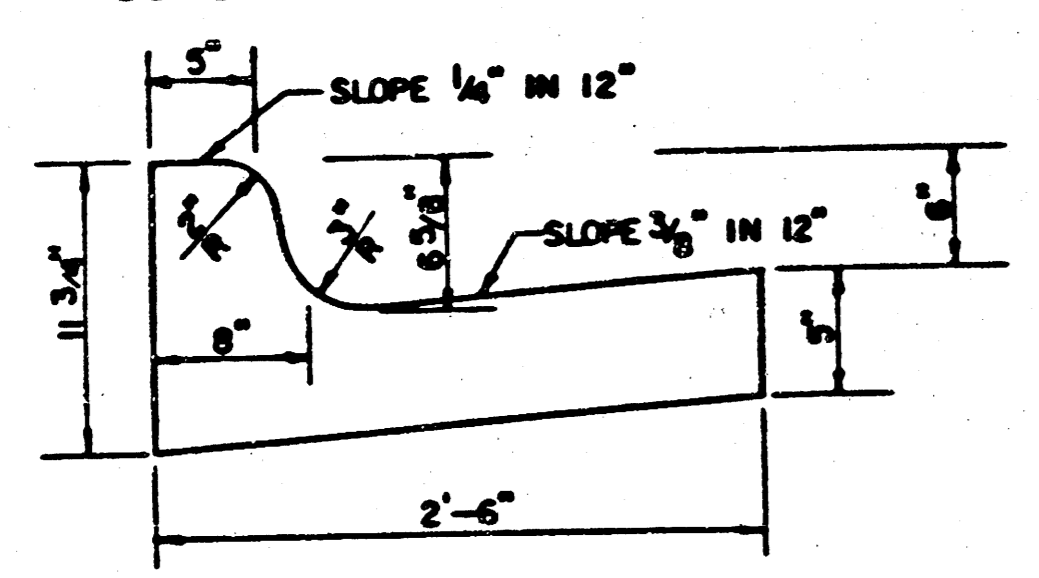


ELEVATION OFFSETS

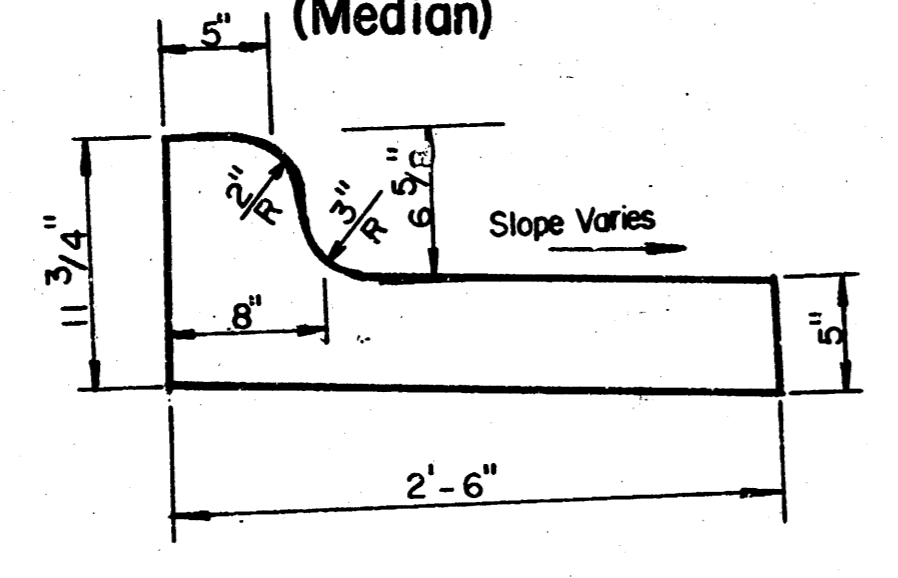


	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0	2	4	6	8	10	12	14	16	18	18.5	18.67	19.17
A: TOP OF CURBS TO TOP OF SURFACE LIFT	.01	.05	.11	.18	.25	.30	.36	.43	.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	.17	.22	.28	.34	.40	.47	.53	.59	.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	.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

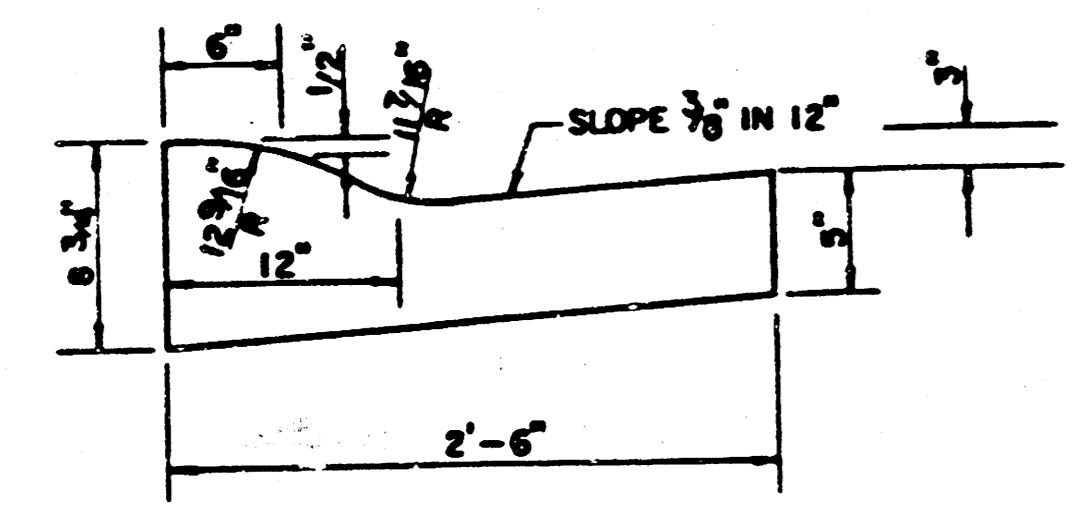
COMBINED CURB & GUTTER



COMBINED CURB & GUTTER (Median)



ROLL TYPE COMBINED CURB & GUTTER

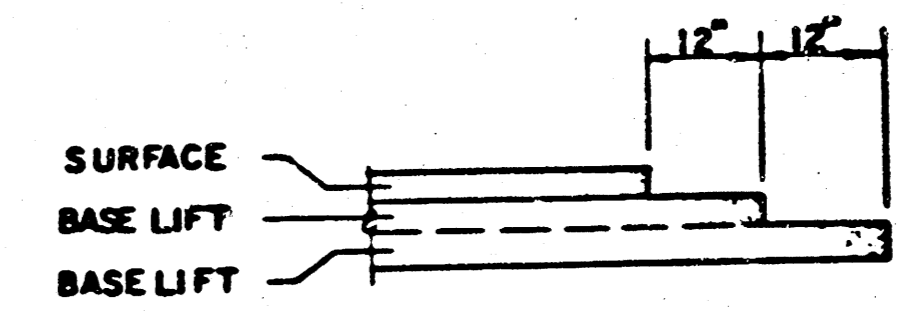


Note:
 Combined Curb and Gutter (Median)
 Paid as L.F. Combined Curb and Gutter (6-5/8)

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).

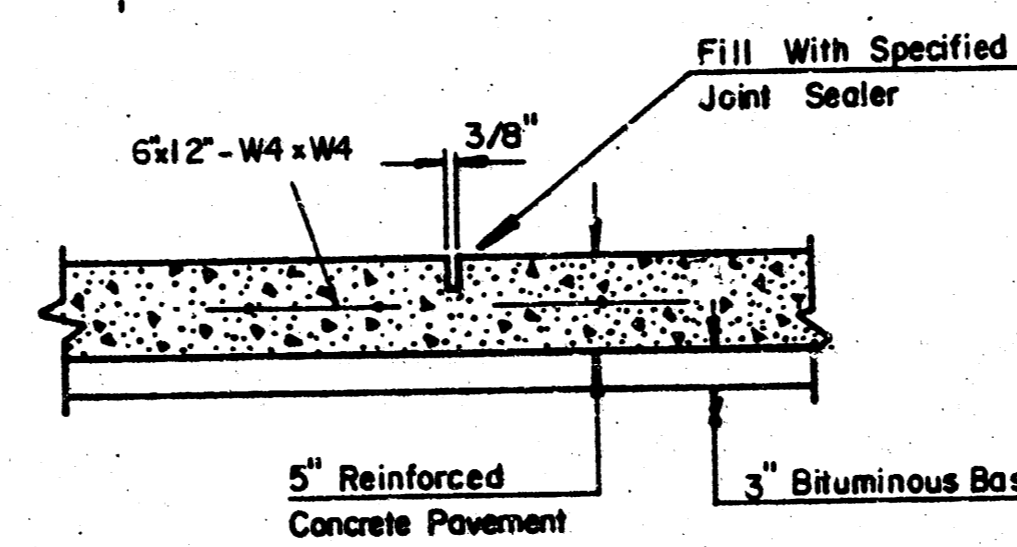
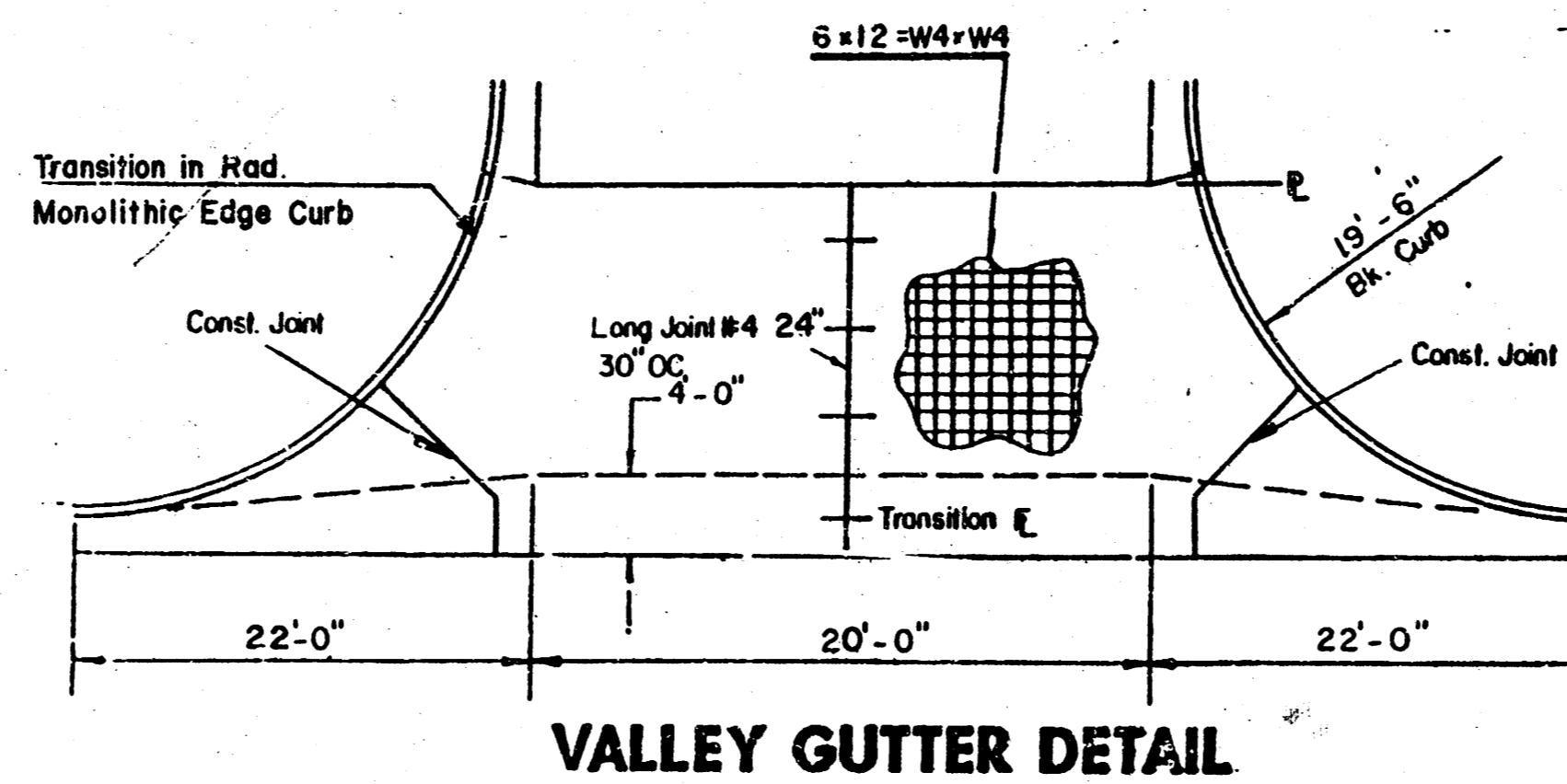
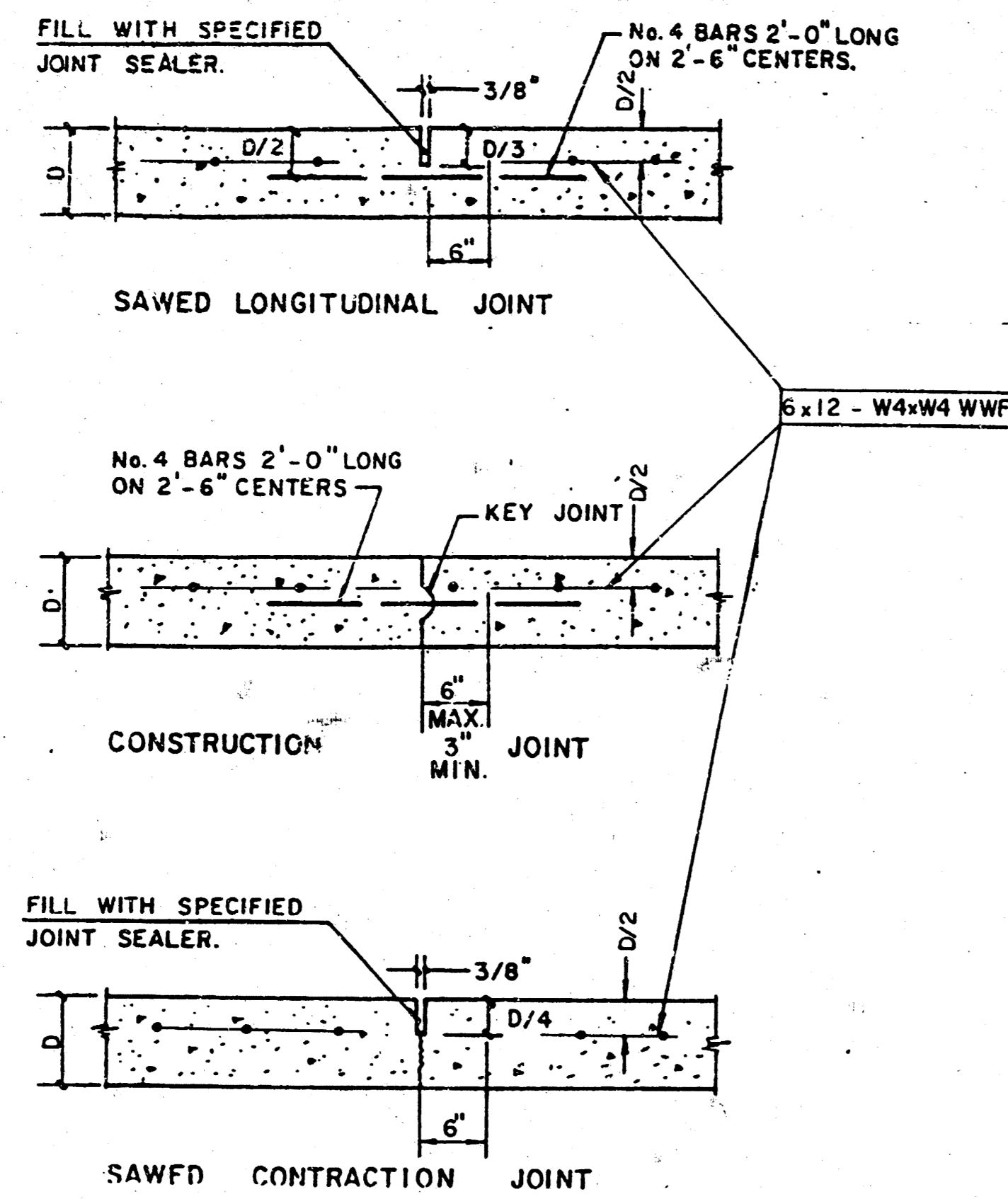
8 INCH RESIDENTIAL ASPHALTIC CONCRETE
 PAVEMENT WITH 6 INCH BITUMINOUS BASE
 CITY OF WICHITA, KANSAS

PROJECT NUMBER 2/10

10 1 5 10

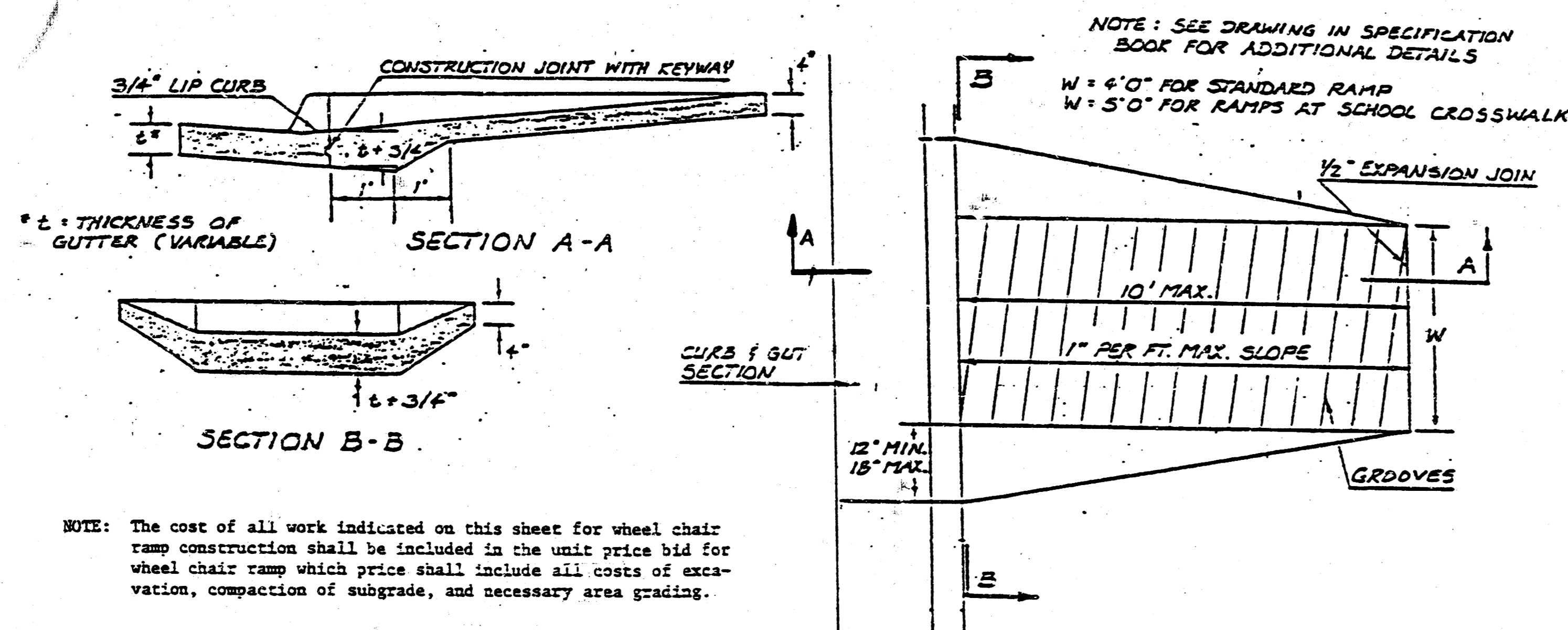
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NOTE: TRANSITION FROM MONOLITHIC EDGE CURB 6 5/8" TO MONOLITHIC EDGE CURB 3 5/8". PAID AS MONOLITHIC EDGE CURB 6 5/8".



8" REINF. VALLEY GUTTER PAVEMENT

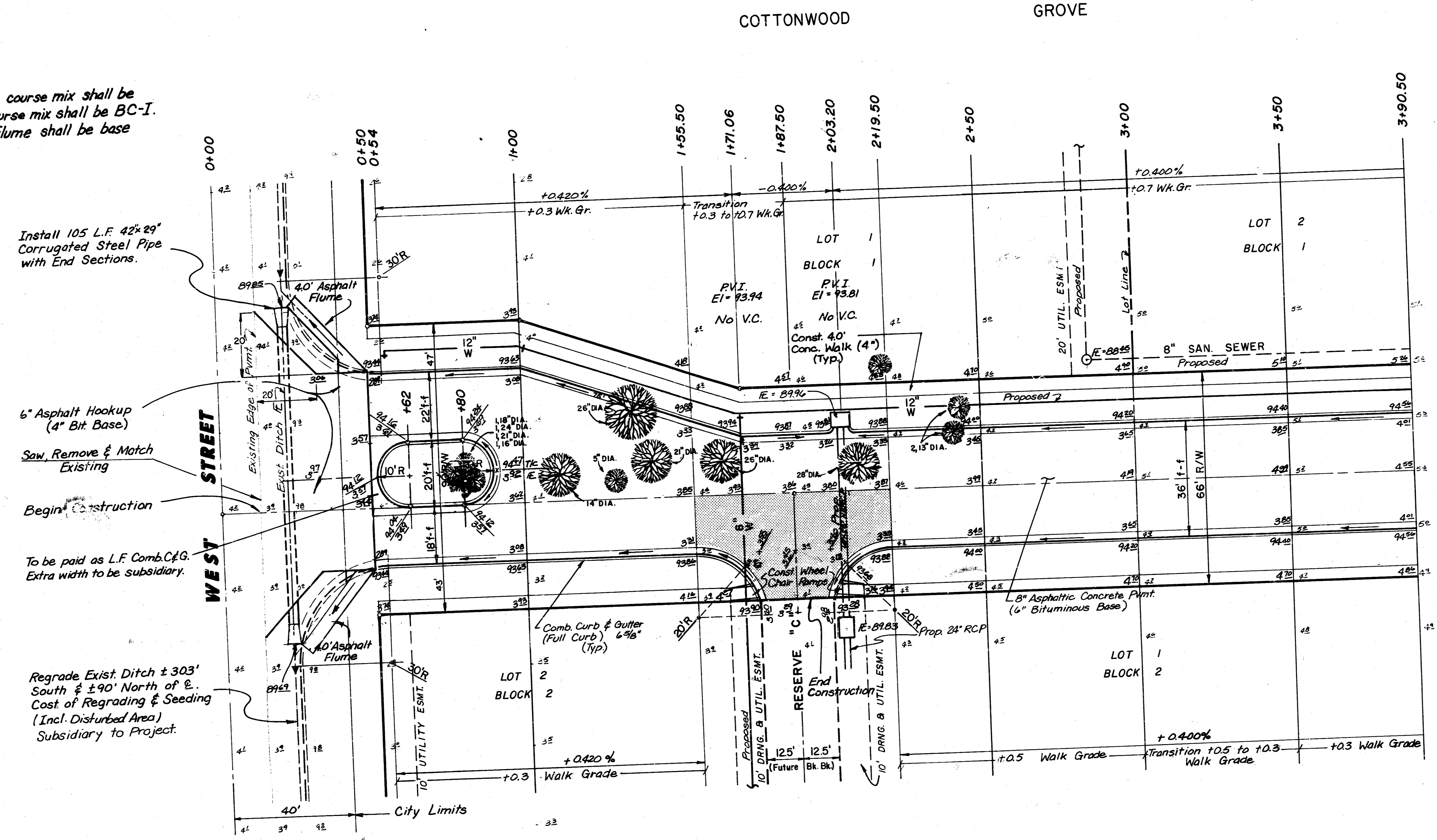
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREETS WITH COMBINED CURBS & GUTTER



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.

	<p>DETAILS</p> <p>81640</p> <p>2/160</p>	Design
		Drawn by
		Checked by
		Date
		Job no.
<p>MID-KANSAS ENGINEERING CONSULTANTS PA</p> <p>3500 NORTH ROCK ROAD</p> <p>BUILDING #800</p> <p>WICHITA, KANSAS 67226</p>		<p>Sheet</p> <p>3/10</p> <p>3</p> <p>of 10</p>
		682-6561

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.



Install 105 L.F. 42" x 29" Corrugated Steel Pipe with End Sections.

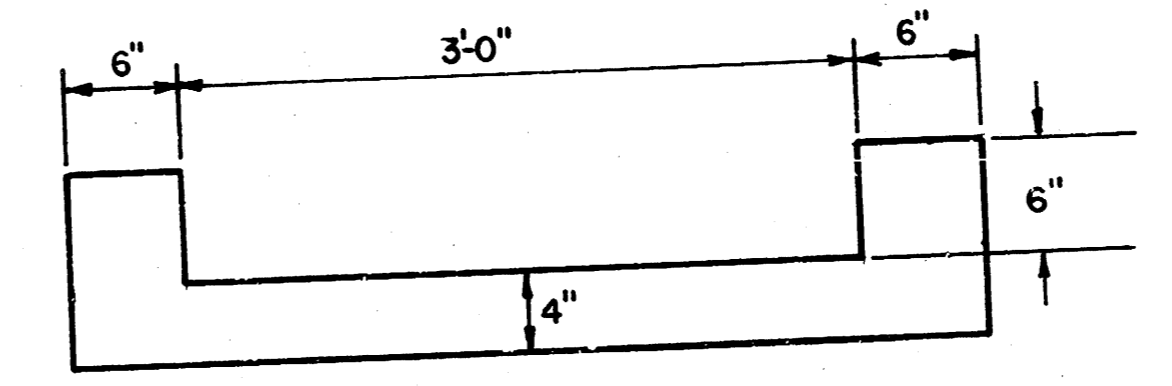
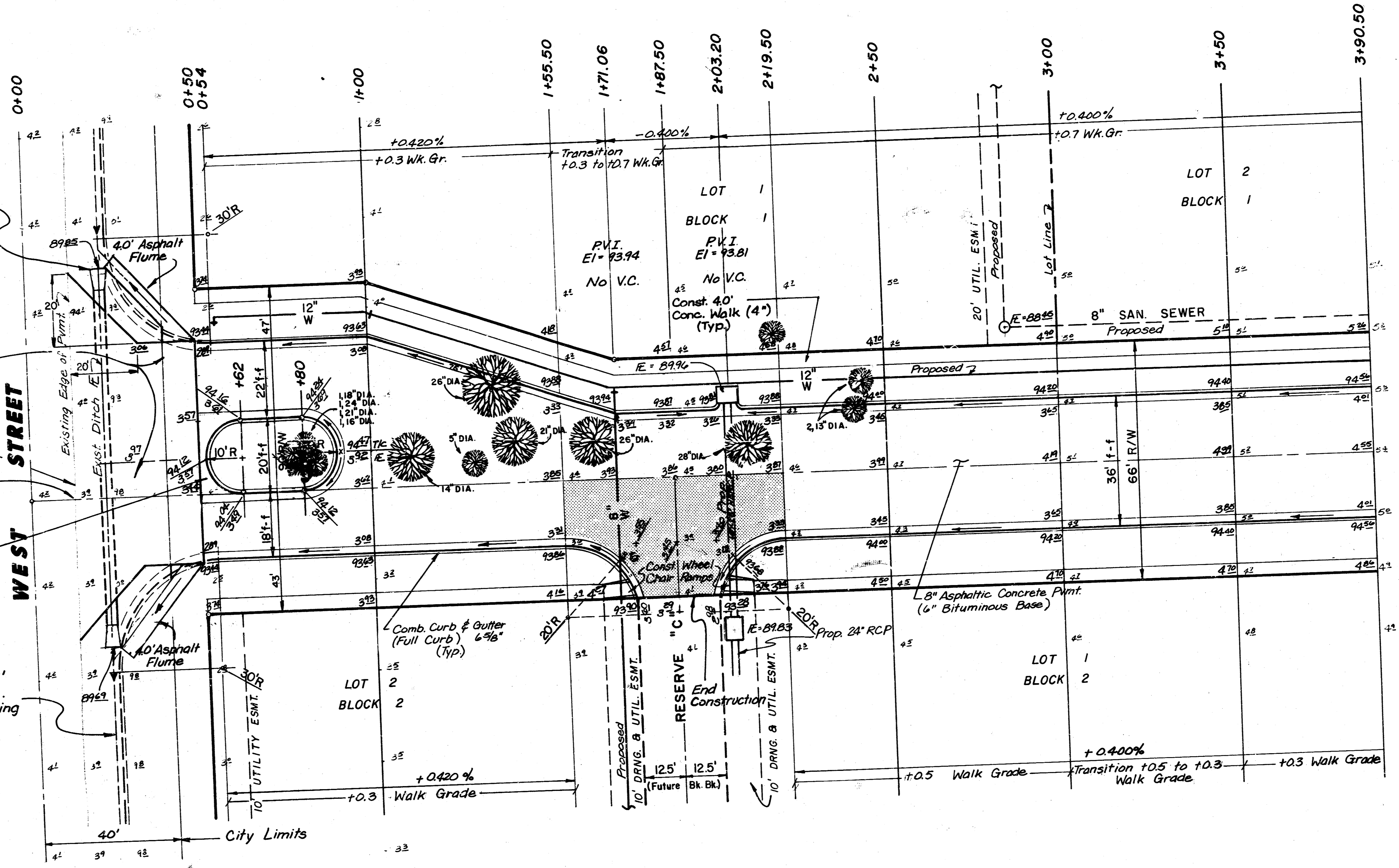
6" Asphalt Hookup (4" Bit. Base)

Saw, Remove & Match Existing

Begin Construction

To be paid as L.F. Comb. C.F.G. Extra width to be subsidiary.

Regrade Exist. Ditch ± 303' South & ± 90' North of E. Cost of Regrading & Seeding (Incl. Disturbed Area) Subsidiary to Project.



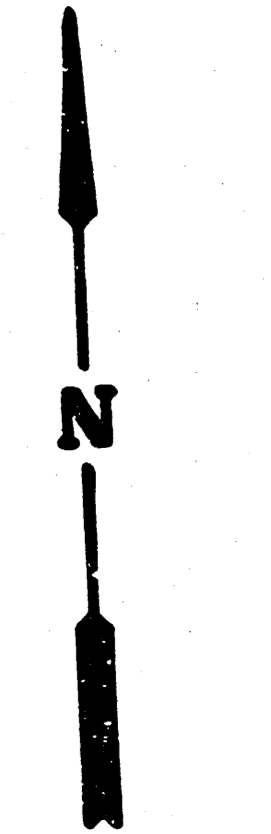
TEMPORARY ASPHALT FLUME
 Scale 1"=10'

Note:
 Coef. of Friction of Asphalt Flumes shall be subsidiary to S.Y. of 6" Asphalt Hookup.

INTERSECTION QUANTITIES

— S.Y. —	Concrete Pavement
174.9 S.Y.	8" Asphalt 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
183.5 S.Y.	Manipulation
—	Tons Lime or Cement
—	S.Y. V.G. — Concrete & — Asphalt Concrete Base

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.	



SCALE: 1"=20'



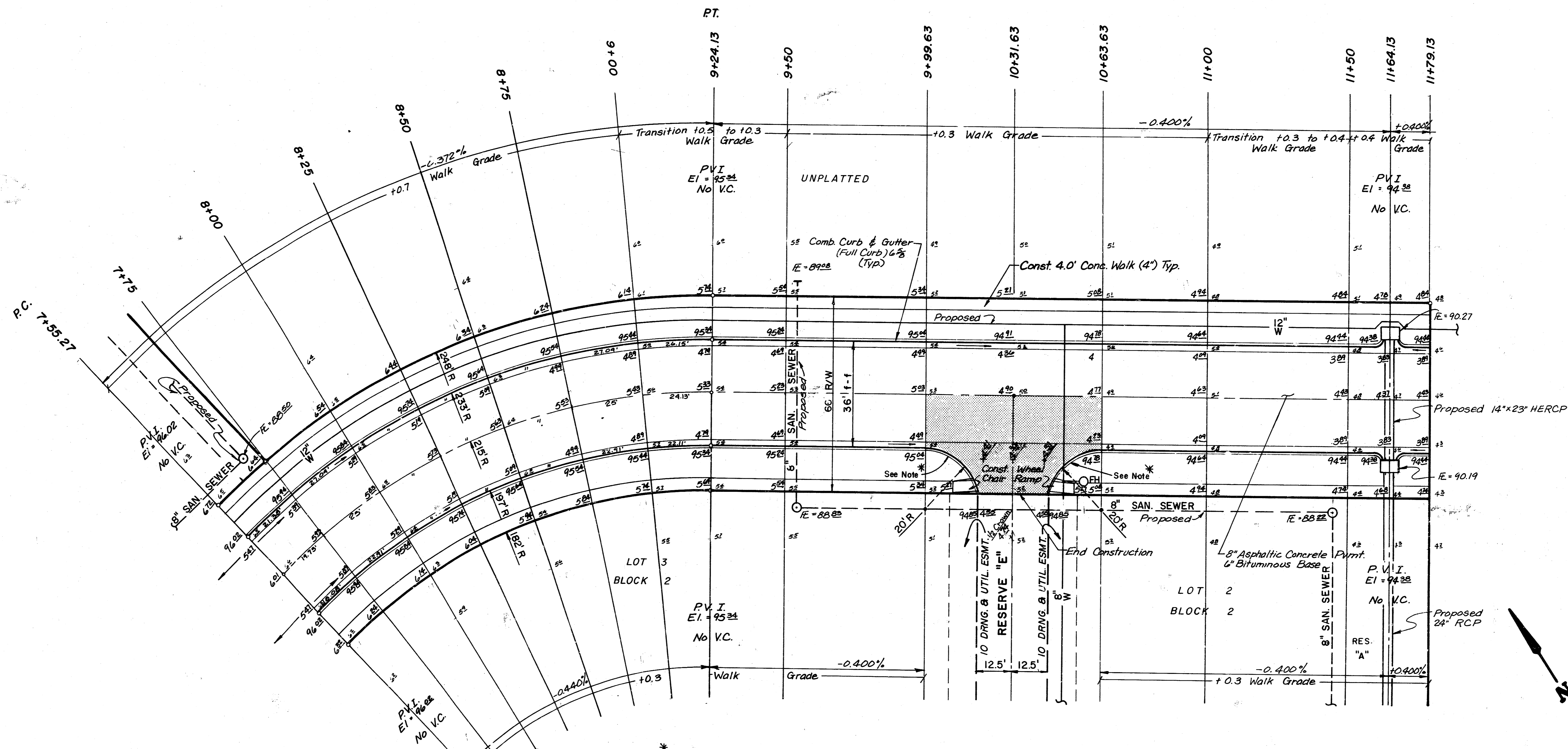
44TH ST. SOUTH

COTTONWOOD GROVE
 472-76-245-81460-000-000-001

MID-KANSAS ENGINEERING CONSULTANTS PA.
 3500 N. ROCK ROAD
 BUILDING 800
 WICHITA, KANSAS 67206

Design	
Drawn by	
Checked by	
Date	
Job no.	
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of	10

COTTONWOOD GROVE ADDITION



Note:
Transition from Monolithic Edge Curb 6.5b*
to Monolithic Edge Curb 3.9b*
Paid as Monolithic Edge Curb 6.5b*.

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

DEFL. / FT. = 7.994760

$\Delta = 45^\circ 00'$ $R = 215.00$ $T = 89.06$ $L = 168.86'$ $LC = 164.55$

CURVE DATA BASED ON $\Delta = 45^\circ$ RAD. $\Delta = 22^\circ 30'$

STATION	ARC	CHORD	LENGTH	DEFLECTION	TOTAL DEFLECTION
7 + 55.27					0° 00' 00"
7 + 75.00	19.73	22° 11'	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"

SCALE: 1" = 20'

44TH ST. SOUTH

COTTONWOOD GROVE

472-76-245-61460-000-000-001

Design

Drawn by

Checked by

Date

Job No.

MID-KANSAS ENGINEERING CONSULTANTS PA

3500 N. ROCK ROAD

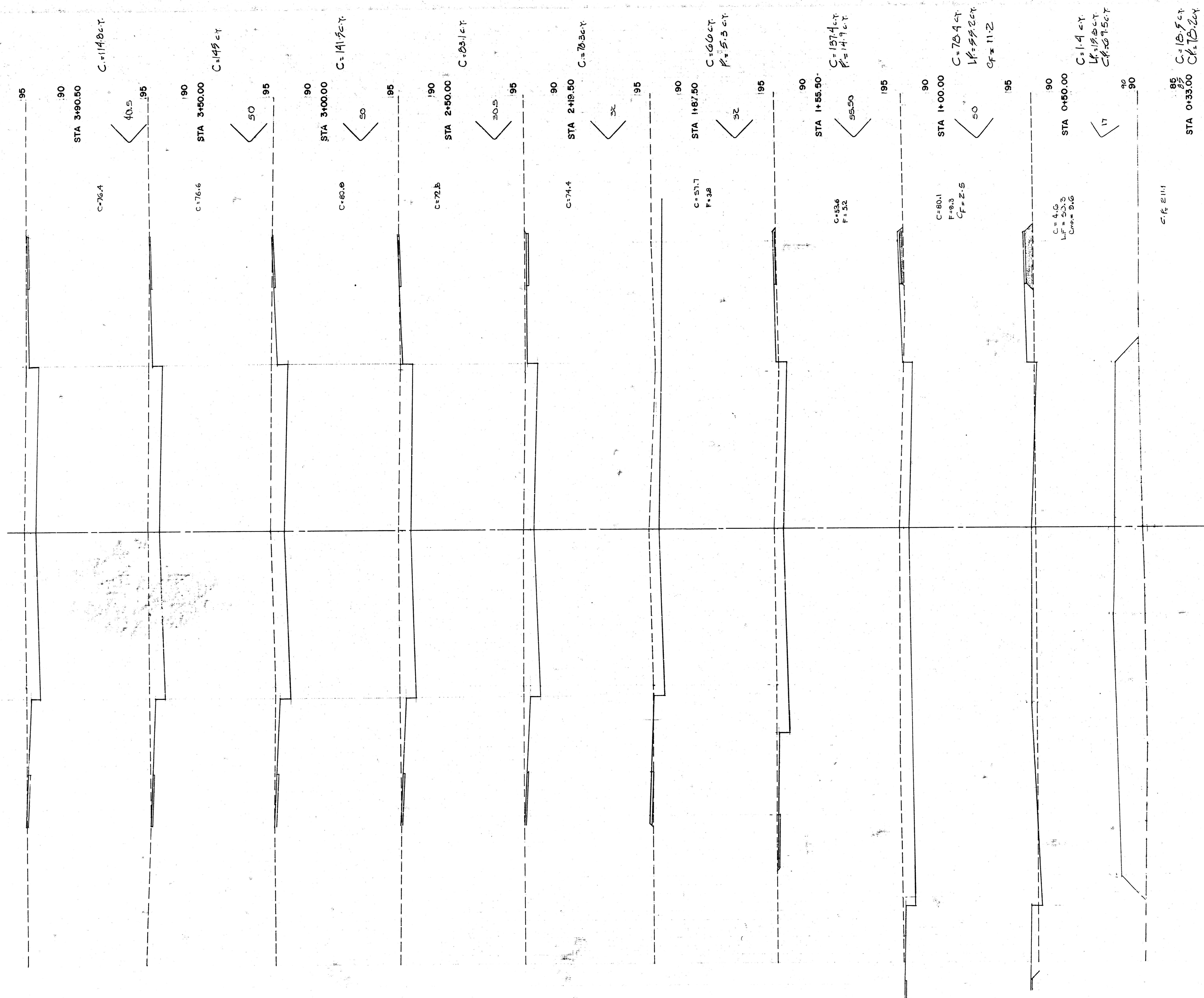
BUILDING 800

WICHITA, KANSAS 67206

Sheet

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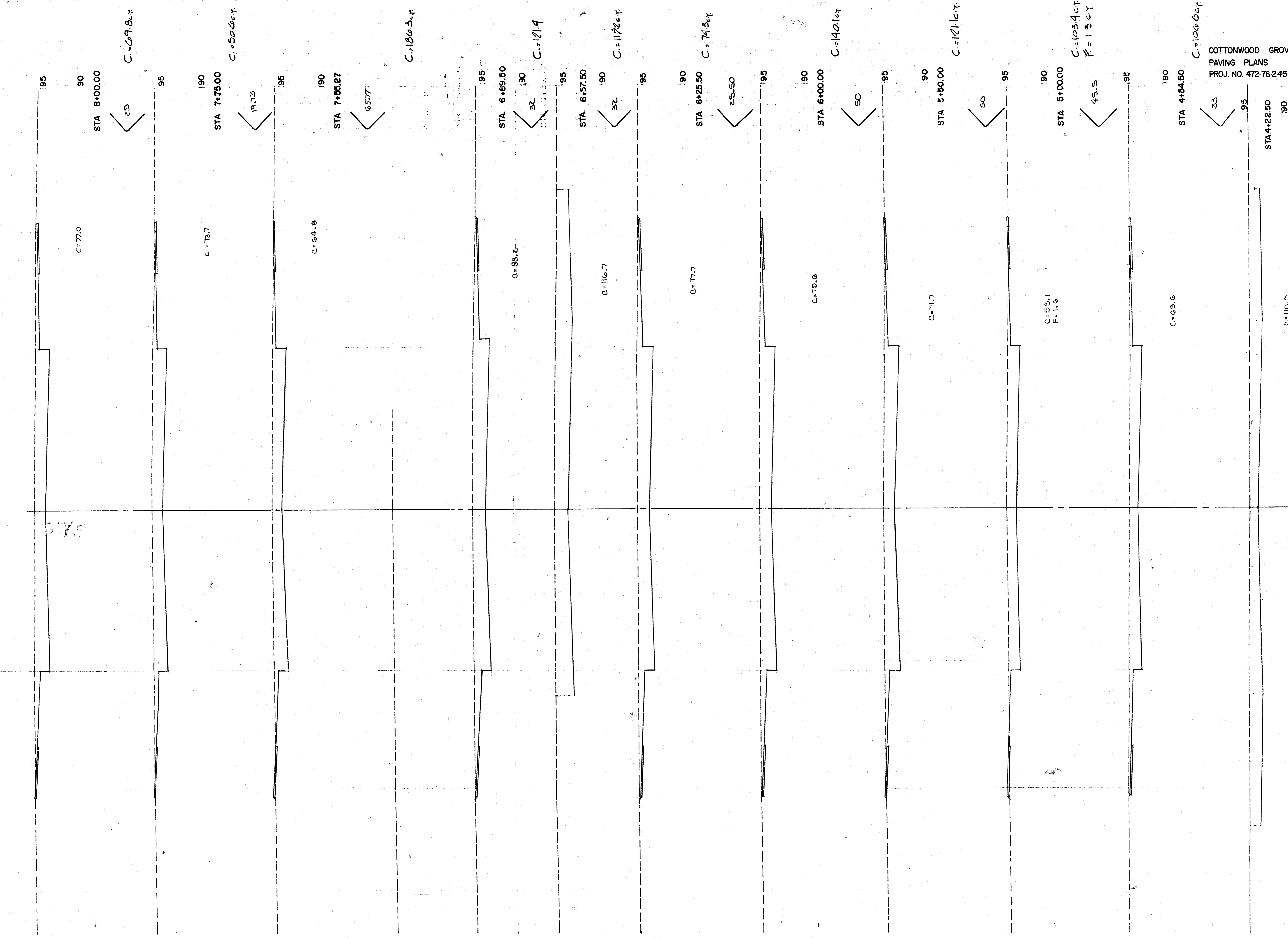
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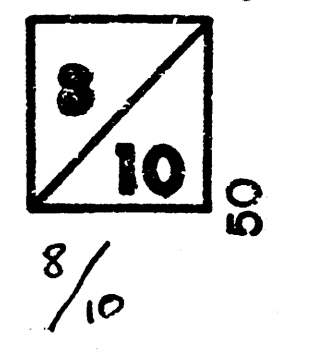
COTTONWOOD GROVE
 PAVING PLANS
 PROJ. NO. 472-76-245-81460 000-000-001

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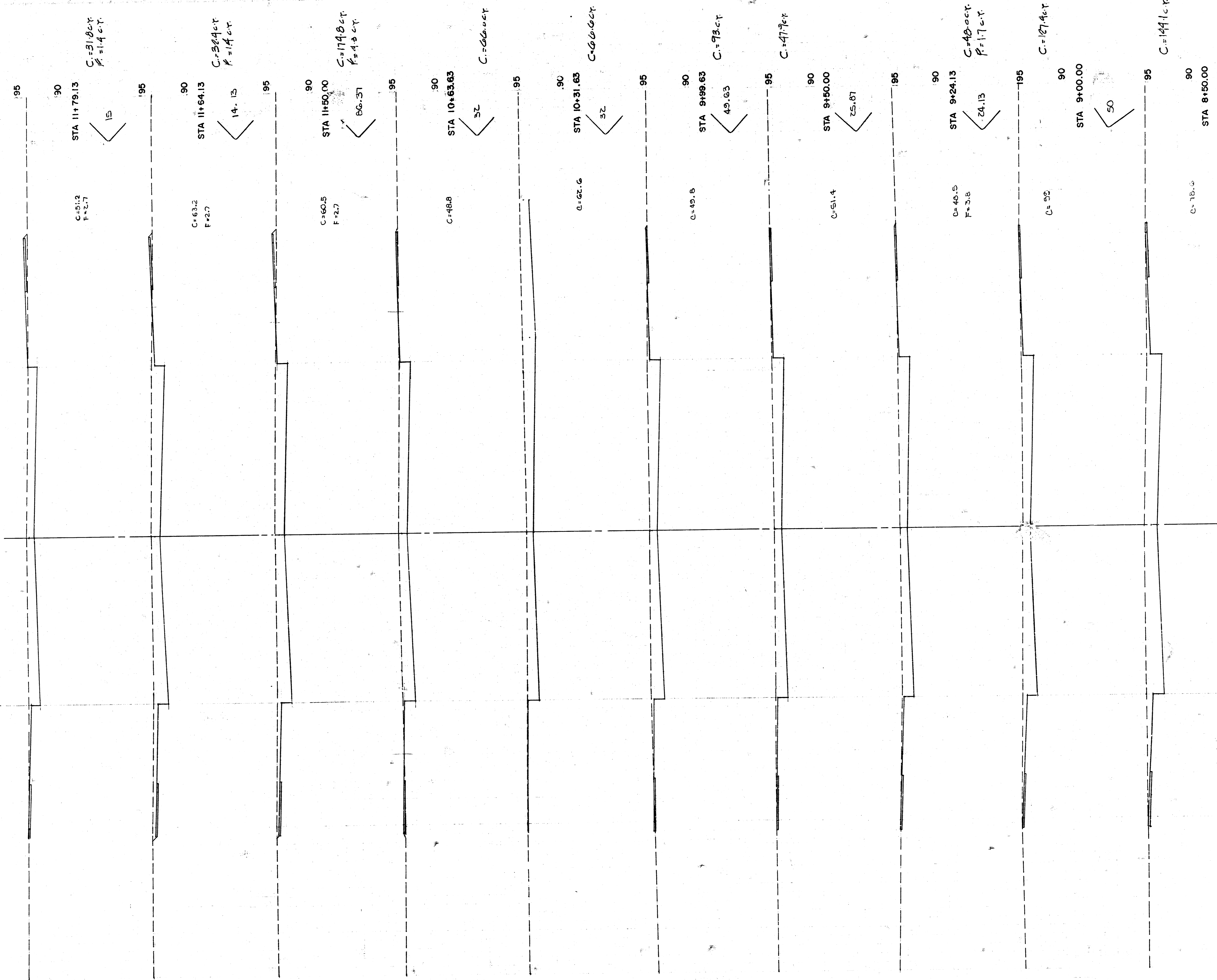
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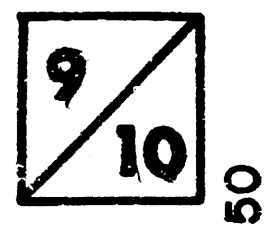


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COTTONWOOD GROVE
 PAVING PLANS
 PROJ. NO. 472-76-245-81460-000-00001

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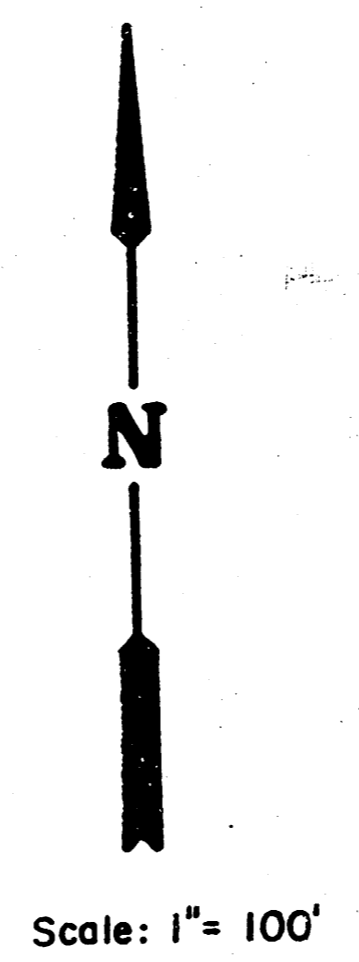
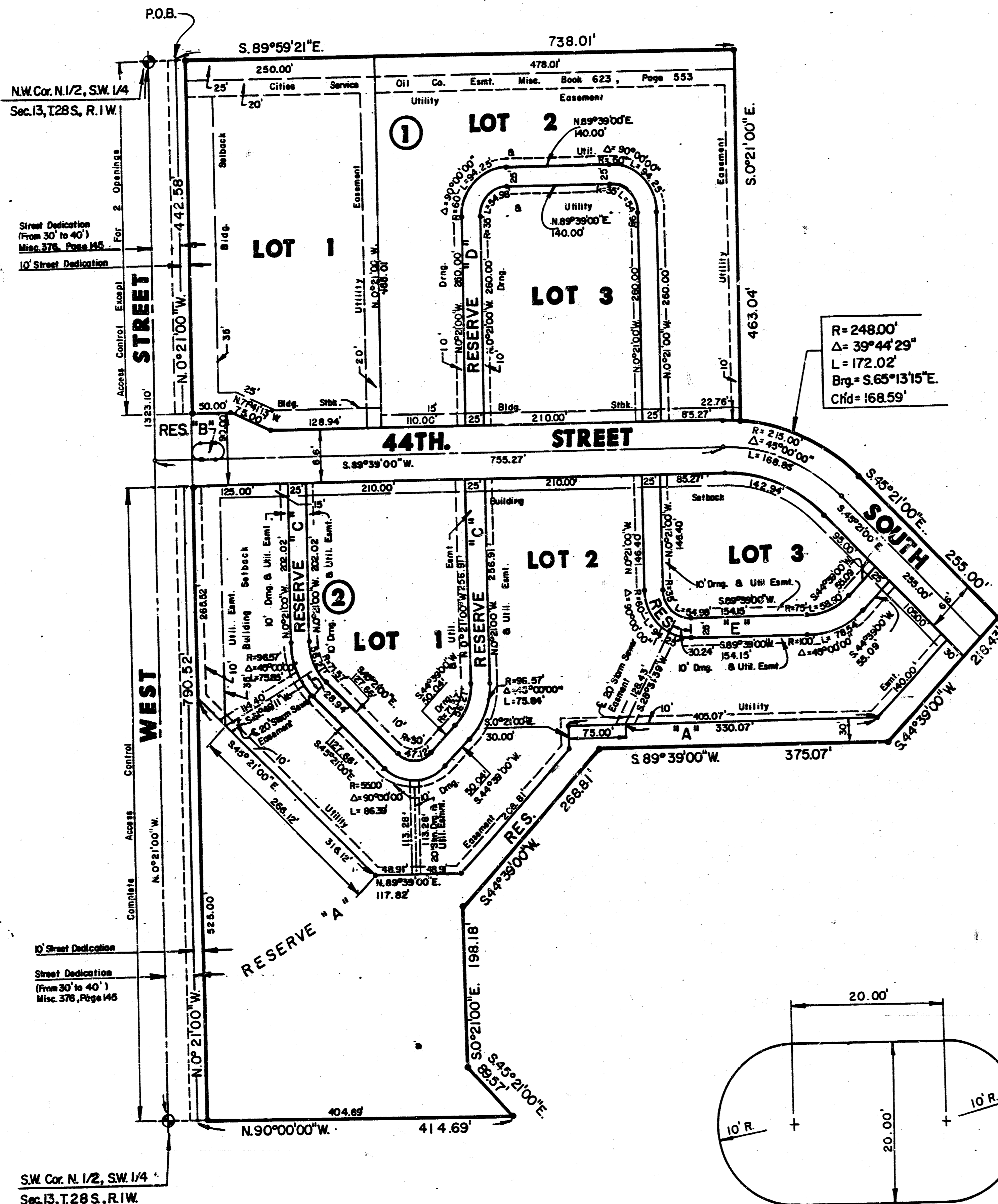
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HC-8 T-W

FINAL PLAT OF COTTONWOOD GROVE

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



LEGEND
• = Iron

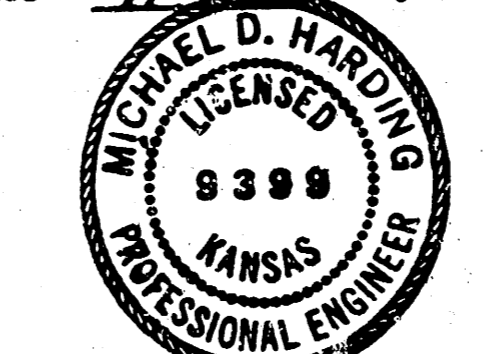
I, Michael D. Harding, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "COTTONWOOD GROVE", an addition to Wichita, Sedgwick County, Kansas, into Lots, Blocks, a Street and Reserves, the same being accurately set forth in the accompanying 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, 46.00 feet easterly bearing S 89° 59' 21" E from the northeast 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, 268.81 feet; thence S 00° 21' 00" E, 198.18 feet; thence S 45° 21' 00" E, 89.57 feet; to a point on the south line of said north lot; thence N 80° 00' 00" W, 414.89 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 00° 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 17th day of February, 1985.

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

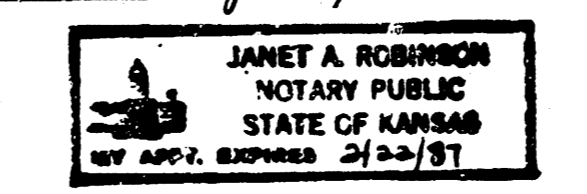


Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineers Certificate, have caused the same to be surveyed and platted into Lots, Blocks, a Street and Reserves, the same to be known as "COTTONWOOD GROVE" an addition to Wichita, Sedgwick 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 construction and maintenance of public utilities, drainage, open space, and recreation. Reserve "B" is platted for landscaping, utilities, irrigation, and a median. Reserves "C", "D", and "E" are platted for utilities, 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.
Alexander L. Dean
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 22, 1987



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

Dated this 17th day of JUNE, 1985.

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 February, 1985.

Robert G. Knight, Mayor
Donald C. Gistick, City Clerk

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

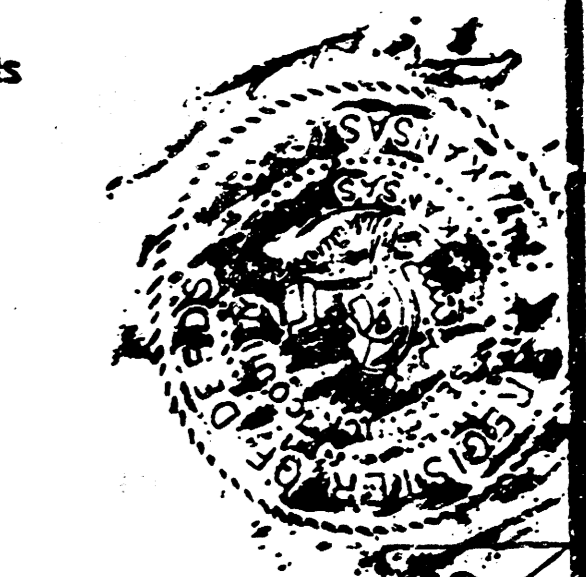
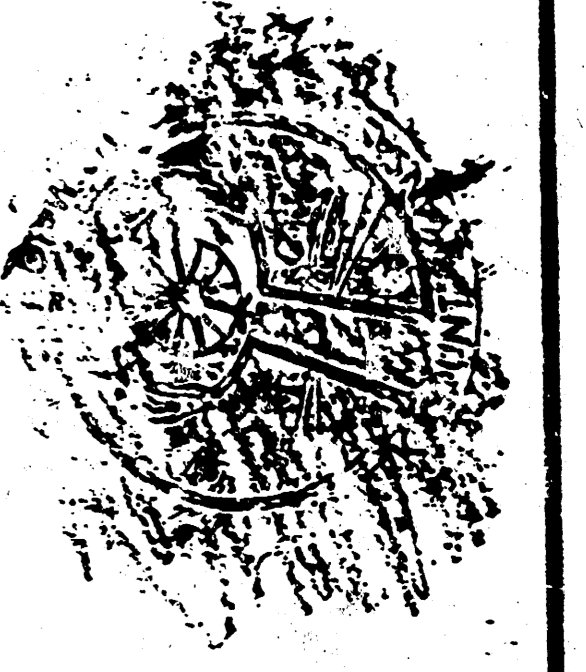
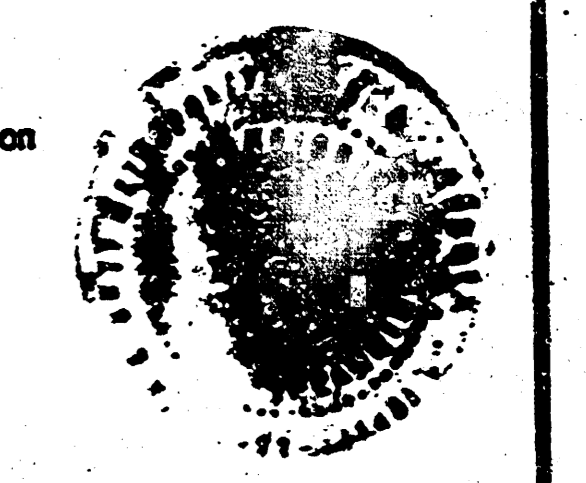
Don Wright, County Clerk

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 Mesa, Deputy



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M-2 2-24

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