

PAVING PLANS FOR GREENBRIAR COURT

(N.L. GREENBRIAR TO & INCLUDING CUL-DE-SAC)

PROJECT NO.
472-76-245-81304-000-000-001

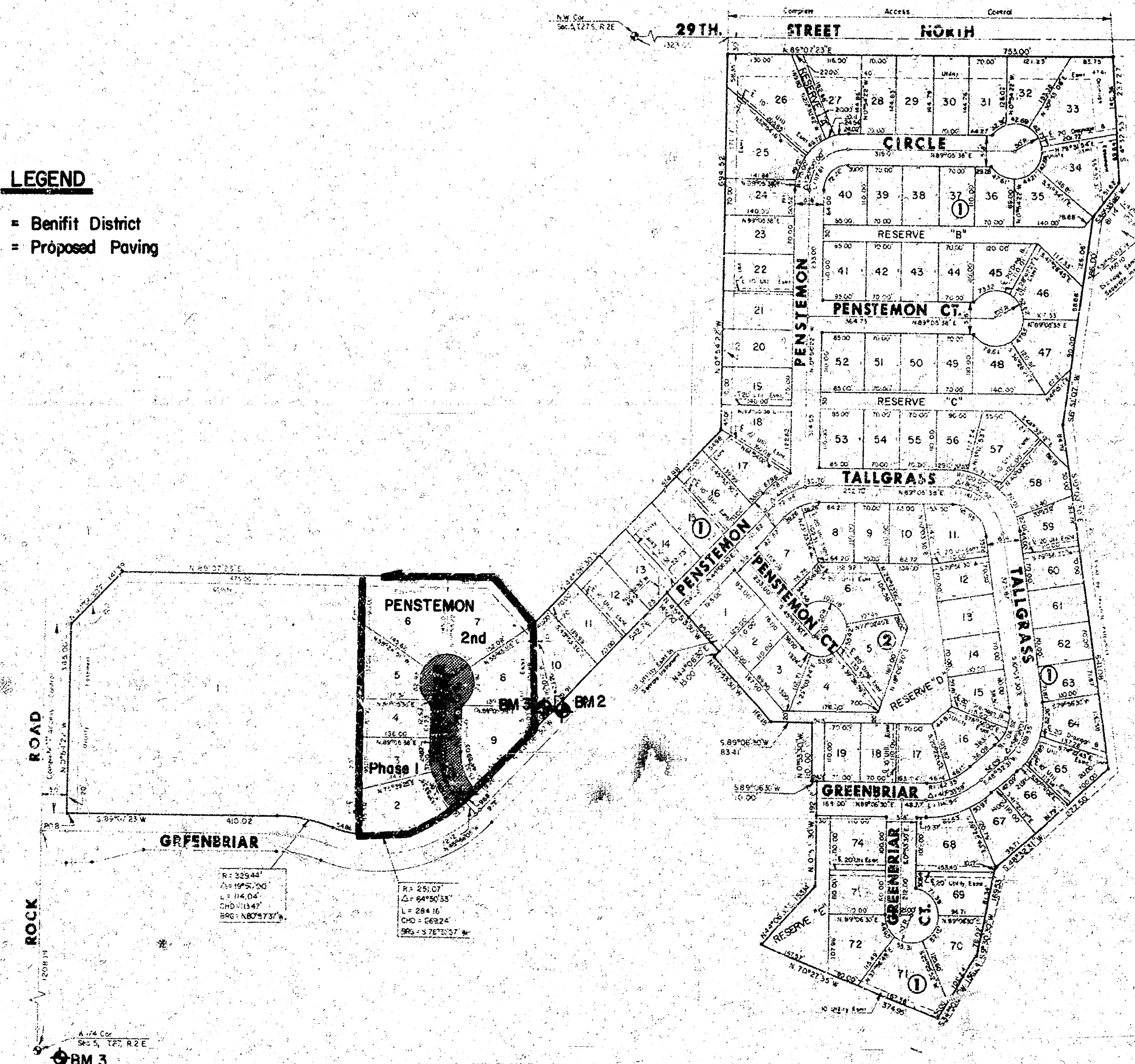
CITY OF WICHITA, KANSAS
MIKE LINDEBAK, CITY ENGINEER
JULY, 1983

BENCHMARKS

- B.M. #1 Southeast rim of manhole 50 feet northeast of the southwest corner of Lot 10, Block 1
Elev. 219.69'
- B.M. #2 "X" cut on top of north curb of Greenbriar near the southwest corner of Lot 10, Block 1
Elev. 219.15'
- B.M. #3 Railroad spike in east face of power pole 200 feet south of Greenbriar Street on the east side of Rock Road
Elev. 222.44'

LEGEND

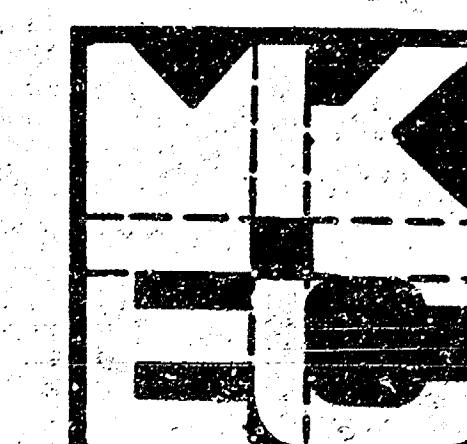
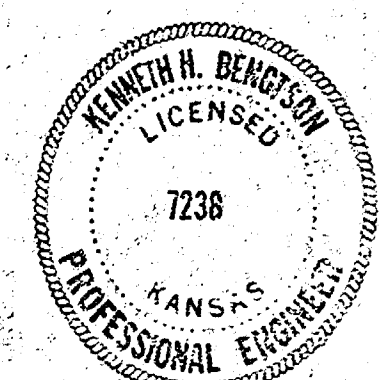
- Benefit District
— Proposed Paving



Scale: 1" = 100'

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	VALLEY GUTTER & PAVING DETAILS
3	GREENBRIAR COURT
4 & 5	CROSS SECTIONS
6	FINAL PLAT



GREENBRIAR CT.
N.L. GREENBRIAR TO
INC. CUL-DE-SAC.

MID-KANSAS ENGINEERING CONSULTANTS PA
240 NORTH ROCK ROAD
SUITE 130
WICHITA, KANSAS 67206

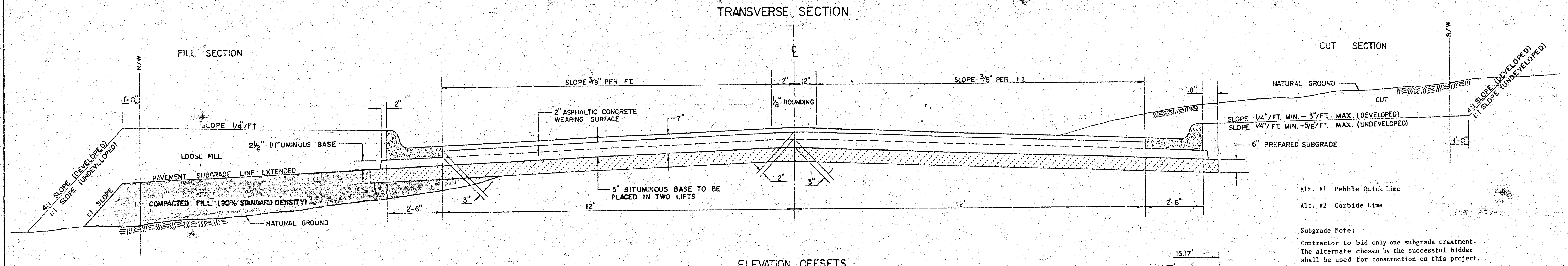
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Drawn by AMS
Checked by DLM
Date JULY, 1983
Job No.

Sheet 1
of 6

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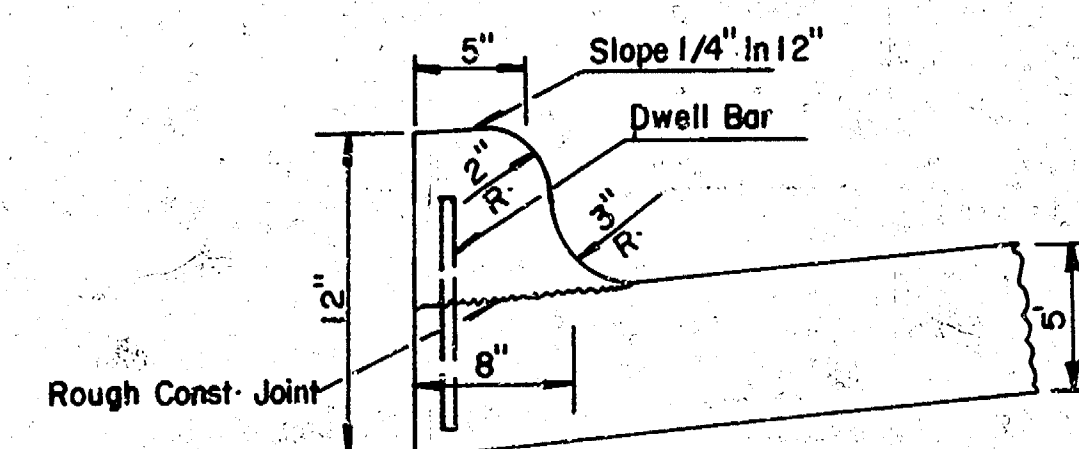
TYPICAL 29' PAVEMENT DETAILS



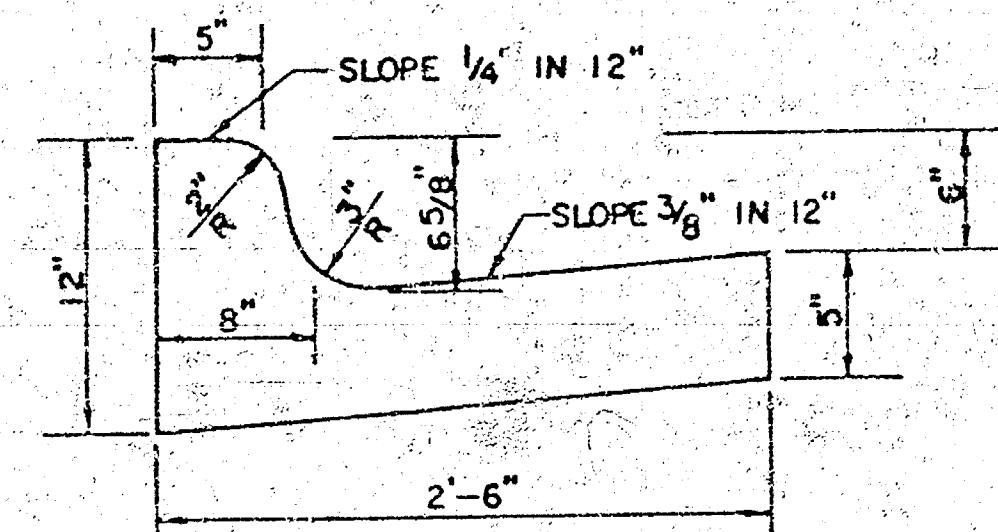
Alt. #1 Pebble Quick Lime
Alt. #2 Carbide Lime

Subgrade Note:
Contractor to bid only one subgrade treatment.
The alternate chosen by the successful bidder
shall be used for construction on this project.

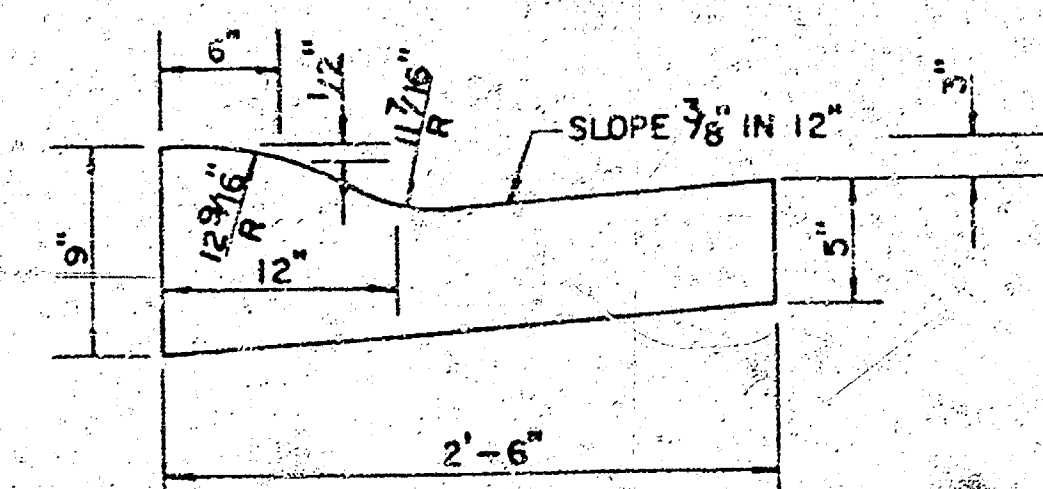
STANDARD INTEGRAL CURB



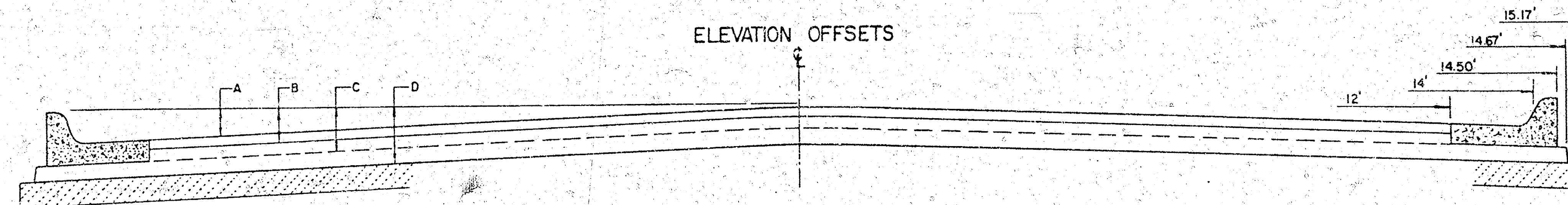
COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER

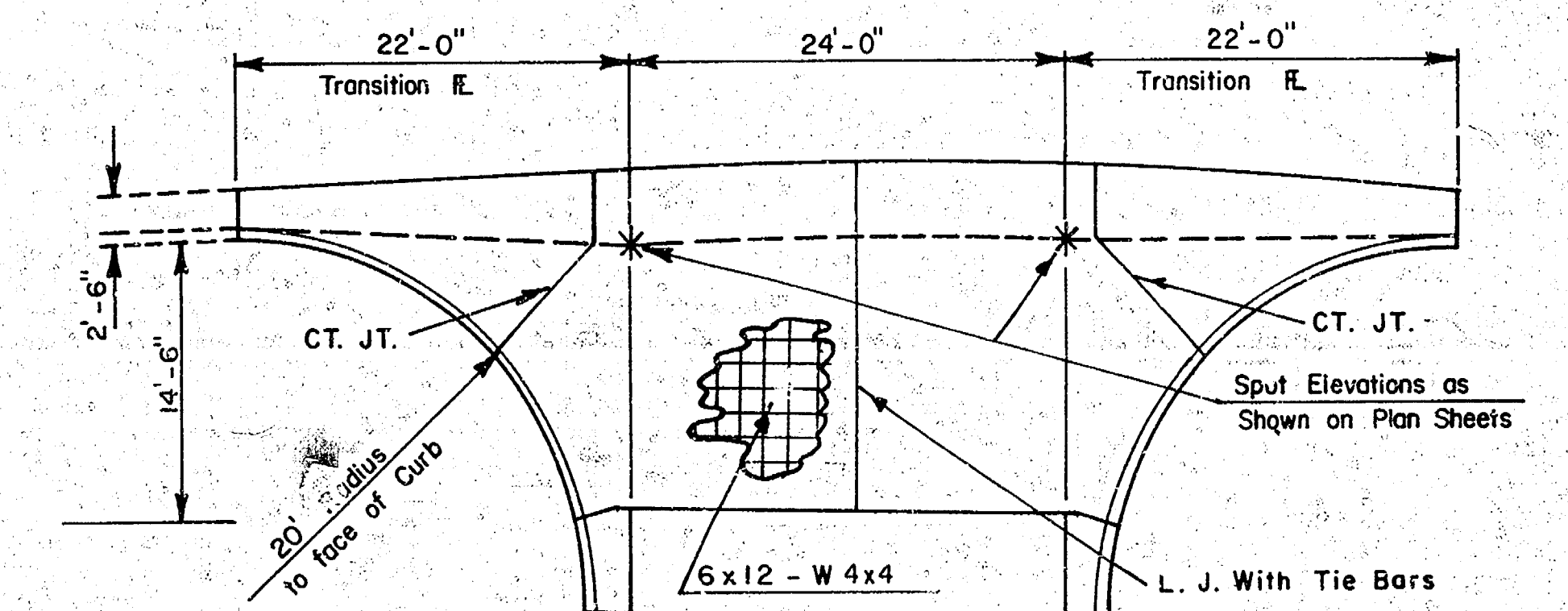


ELEVATION OFFSETS

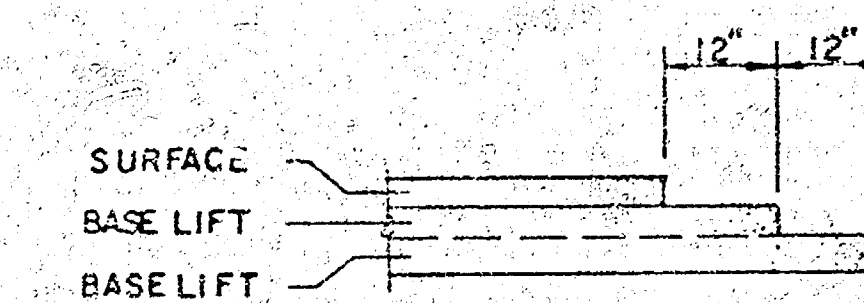


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	14.67'	15.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.47	0.52	0.60	0.68	0.71	0.75	0.83	0.90	0.98	1.00	1.01	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.72	0.77	0.84	0.91	0.94	0.98	1.05	1.12	1.19	1.21	1.21	1.23

VALLEY GUTTER DETAIL



TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS AS SHOWN BY THE DETAIL. THE COST OF CONSTRUCTION JOINTS SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS ** ASPHALTIC CONCRETE (5\"/>

GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7\"/>
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2\"/>
- 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.
- 7) No driveways are to be constructed as a part of this contract without authorization from Construction Engineer, Wichita, Kansas.

7 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
472-76-245-81304-000-000-001

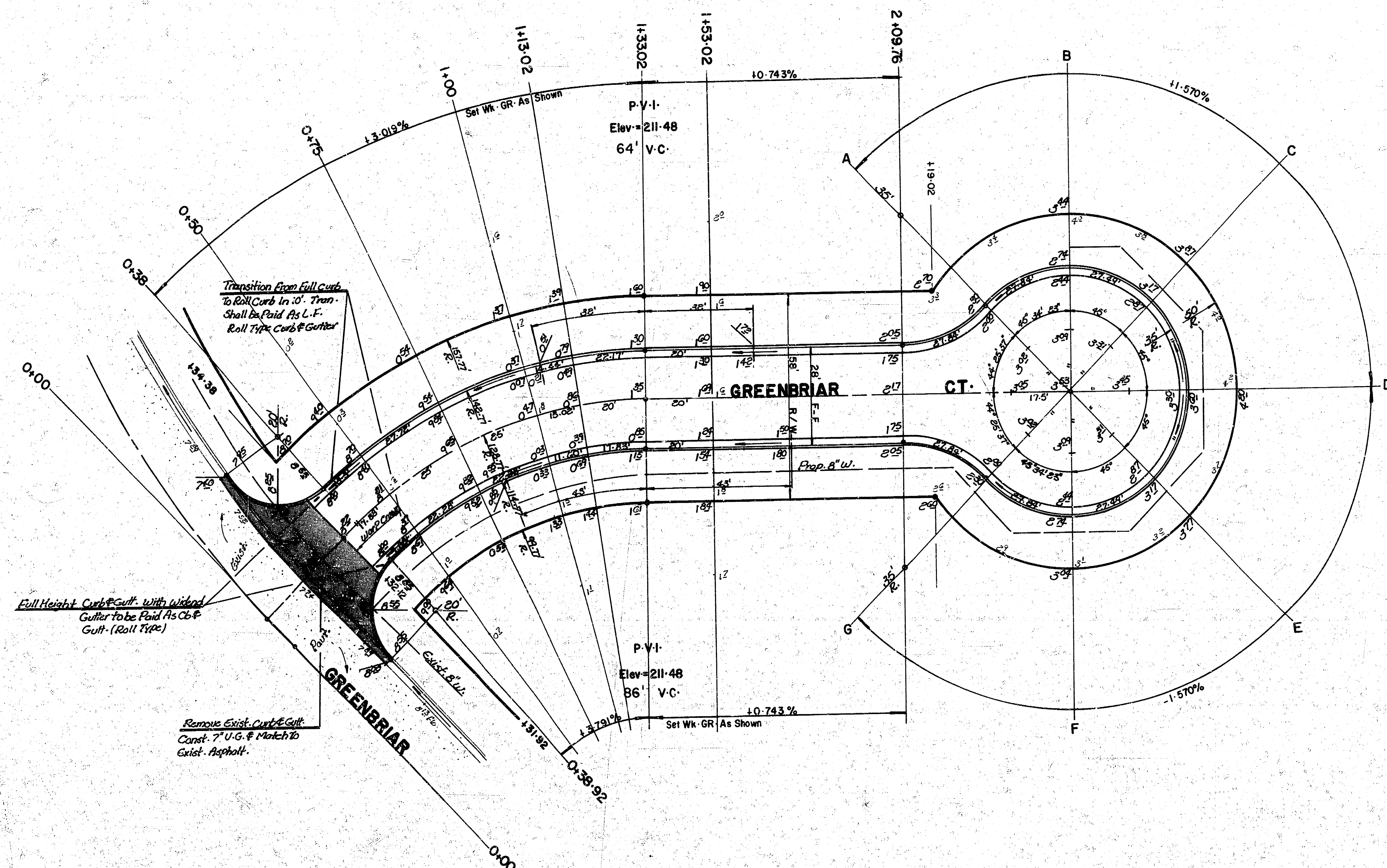
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$\Delta=44^{\circ} 53' 43''$ R.=128.77' T.=128.30' L.=100.90' LC.=98.34'

CURVE DATA BASED ON CENTERLINE RAD. $\Delta/2 = 22^{\circ} 26' 52''$

Sta.	Arc.	Chord Length		Deflection	Total Deflection
		8' Off Lt. CB	8' Off Rt. CB		
0+32.12				1° 18' 29"	0° 00' 00"
0+38	5.88	6.88		0° 12' 17"	1° 18' 29"
0+38.92	0.92		5.64	2° 27' 54"	3° 58' 40"
0+50	11.09	14.05	9.18	5° 33' 43"	9° 32' 23"
0+75	25.00	29.23	20.70	2° 53' 48"	12° 06' 06"
1+00	25.00	29.23	20.70	4° 26' 58"	22° 26' 52"
1+13.02	13.02	15.24	10.79		
1+33.02	20.00	23.39	16.57		

Deflection/Ft. = 13.34840 Min.



- Greenbriar and Greenbriar Court
- Intersection Quantities
- S.Y. — " Concrete Pavement
 - S.Y. — " Asphaltic Conc. Pavement (—" Bituminous Base)
 - S.Y. — " Bituminous Base
 - 71.8 L.F. Combined Curb & Gutter Removed
 - 53.1 L.F. Integral Curb
 - S.F. 4" Wheelchair Ramp
 - S.F. 4" Walk
 - 51.1 C.Y. Excavation
 - C.Y. Compacted Fill
 - lbs. Reinforcing Steel
 - 94.7 S.Y. Manipulation
 - Tons Lime or Cement
 - 90.7 S.Y. V.G. 6" " Concrete & 8" " Asphaltic Concrete Base

ROLL CURB SHALL BE DEPRESSED THRU ALL DRIVE CONSTRUCTION ON THIS PROJECT.

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.

Excavation 657.40 C.Y.
+ 10% 65.74
Total 723.14 C.Y.
Manipulation 1208.50 S.Y.

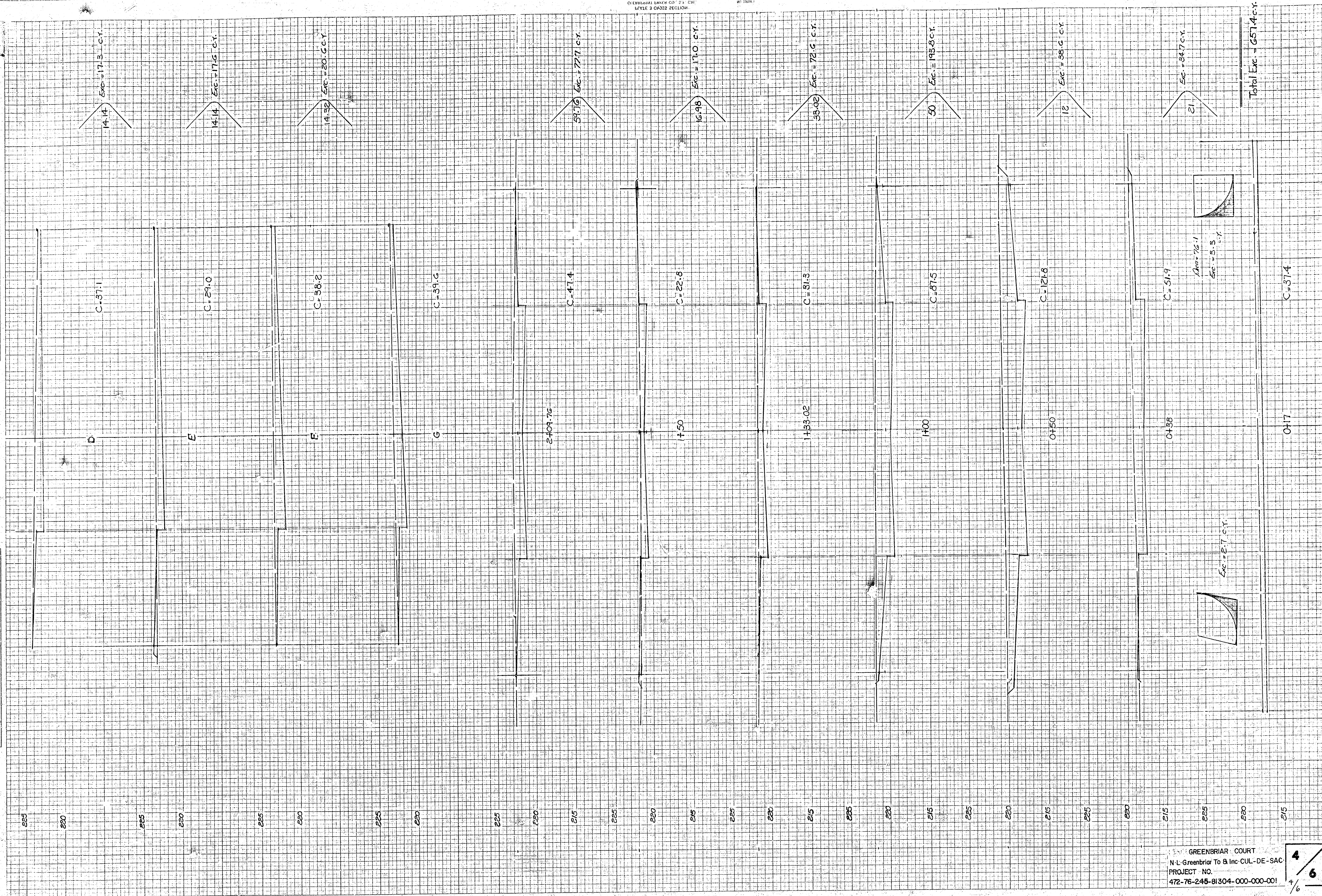
	CITY OF WICHITA	Design: AMS
	GREENBRIAR COURT	Drawn by: AMS
	PROJECT NO. 472-76-245-81304-000-000-001	Checked by: KHB
		Date: JULY, 1983
MID-KANSAS ENGINEERING CONSULTANTS PA 240 NORTH ROCK ROAD SUITE 130 WICHITA, KANSAS 67206		Sheet 3 of 6

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GREENBRIAR COURT
N.L. Greenbriar To & Inc. CUL-DE-SAC
PROJECT NO.
472-76-245-81304-000-000-001

4/6

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FINAL PLAT OF PENSTEMON SECOND ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY KANSAS

I, Kenneth H. Bengtson, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "Penstemon Second Addition", an addition to Wichita, Sedgwick County, Kansas, into lots, blocks, streets and reserves, the same being accurately set forth in the accompanying plat and described as follows:

A tract of land in the northwest quarter of Section 5, Township 27 south, Range 2 east of the 6th P.M.; a part of which has been platted as Reserve "A" Penstemon, and a portion of Central Christian Second Addition; described as beginning at the intersection of the north line of Greenbriar and the east line of Rock Road; thence northerly along the east line of Rock Road bearing N 0° 54' 22" W, 345.00 feet; thence N 44° 06' 30" E, 141.39 feet; thence N 89° 07' 23" E, 753.00 feet; thence S 45° 53' 30" E, 110.49 feet; thence N 44° 06' 30" E, 514.98 feet; thence S 45° 53' 30" E, 110.49 feet; thence N 89° 07' 23" E, 753.00 feet; thence S 44° 32' 53" E, 237.27 feet; thence S 39° 43' 46" W, 81.14 feet; thence S 6° 51' 07" W, 386.00 feet; thence S 10° 03' 30" E, 641.08 feet; thence S 48° 32' 31" W, 277.50 feet; thence S 9° 30' 30" W, 169.53 feet; thence S 30° 50' 09" W, 136.24 feet; thence N 76° 27' 35" W, 374.95 feet; thence S 40° 06' 30" W, 153.14 feet; thence N 0° 53' 30" W, 110.00 feet; thence S 89° 06' 30" W, 83.41 feet; thence N 45° 53' 30" W, 166.18 feet; thence N 44° 06' 30" E, 15.00 feet; thence N 45° 53' 30" W, 149.00 feet; thence S 44° 06' 30" W, 542.76 feet to a point on a curve to the right having a central angle of 64° 50' 53", a radius of 251.07 feet, a long chord of 269.24 feet bearing S 76° 31' 57" W, thence along said curve 284.16 feet to a point on a curve to the left having a central angle of 19° 50' 00", a radius of 329.44 feet, a long chord of 113.47 feet bearing N 80° 57' 37" W, thence along said curve 114.04 feet; thence S 89° 07' 23" W, 410.02 feet to the Point of Beginning.

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 23rd day of June, 1983.

Kenneth H. Bengtson
Kenneth H. Bengtson, Professional Engineer
Mid-Kansas Engineering Consultants, P.A.
240 North Rock Road, Suite 130
Wichita, Kansas 67206

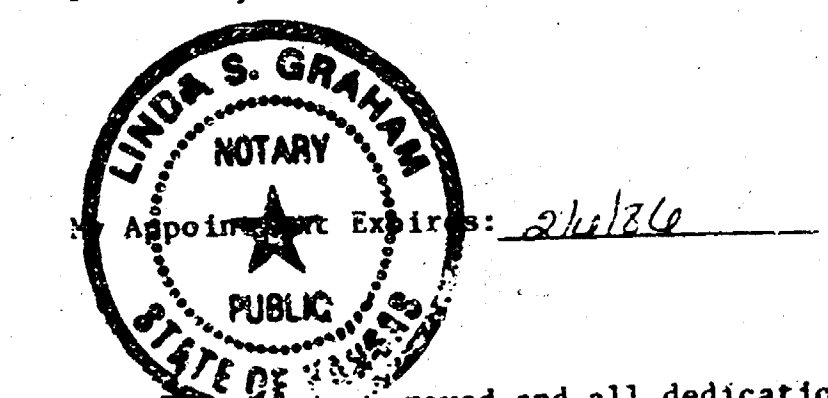
Know all men by these presents that we the undersigned property owners of the land as above set forth in the Engineer's Certificate, have caused the same to be surveyed and platted into lots, blocks, streets and reserves, the same to be known as "Penstemon Second Addition", an addition to Wichita, Sedgwick County, Kansas. The streets are hereby dedicated to and for the use of the public. Easements are hereby granted as indicated for the construction and maintenance of all public utilities and drainage. Reserves are platted for construction and maintenance of utilities, drainage, cart paths, recreation, buffer zones and open space and shall be owned and maintained by the Homeowners Association. Reserve "A" is also platted for an emergency access easement. The building setbacks shall be in accordance with the Tallgrass Community Unit Plan (D.P. - 96) on file in the City of Wichita, Sedgwick County Metropolitan Area Planning Department Office.

Tallgrass Company

By: William J. Butts
WILLIAM J. BUTTS

STATE OF KANSAS
COUNTY OF SEDGWICK

Be it remembered that on this 1st day of July, 1983, before me, a Notary Public in and for said State and County, came Tallgrass Company by William J. Butts, 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.



By: Linda S. Graham
Notary Public Linda S. Graham

This plat approved and all dedications shown hereon, if any, accepted by the Board of County Commissioners of Sedgwick County, Kansas, this 6th day of July, 1983.

By: Jack Spradley, Chairman
Donald E. Gragg, Commissioner

By: Tom Scott, Commissioner

Attest: Dorothy K. White, County Clerk

Entered on transfer record this 6th day of July, 1983.

By: Dorothy K. White, County Clerk

STATE OF KANSAS
COUNTY OF SEDGWICK

This is to certify that this instrument was filed for record in the Register of Deeds Office at 3:00 P.M. on the 11th day of July, 1983.

By: Bette J. McCart, Register of Deeds

By: Pat Kettler, Deputy

This plat of "Penstemon 2nd Addition" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 2nd day of June, 1983.

Wichita-Sedgwick County Metropolitan Area Planning Commission

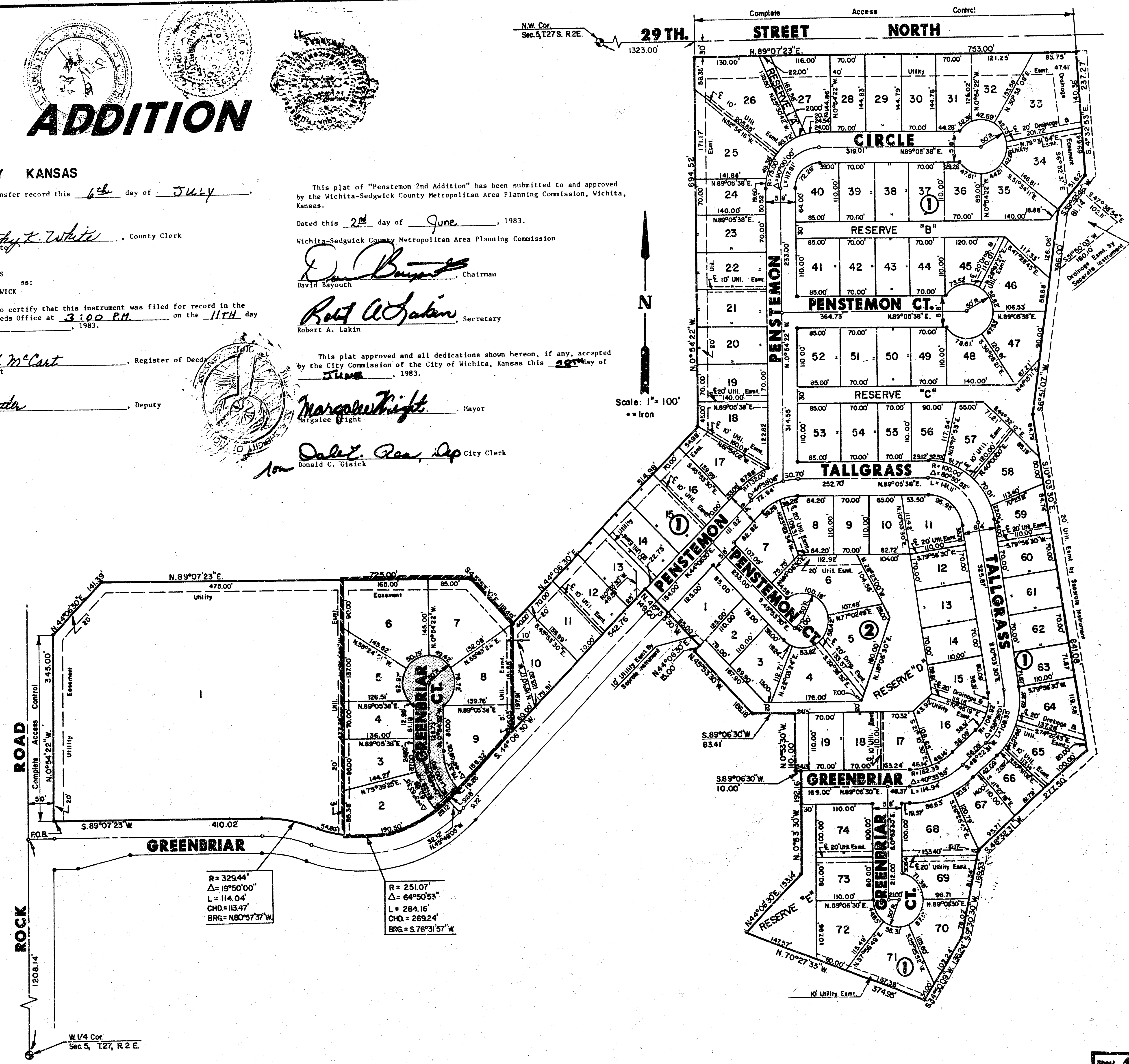
By: David Bayouth, Chairman

By: 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 22nd day of June, 1983.

By: Margalee Wright, Mayor

By: Donald C. Giesick, City Clerk



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