

PAVING PLANS FOR GREENBRIAR COURT

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

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

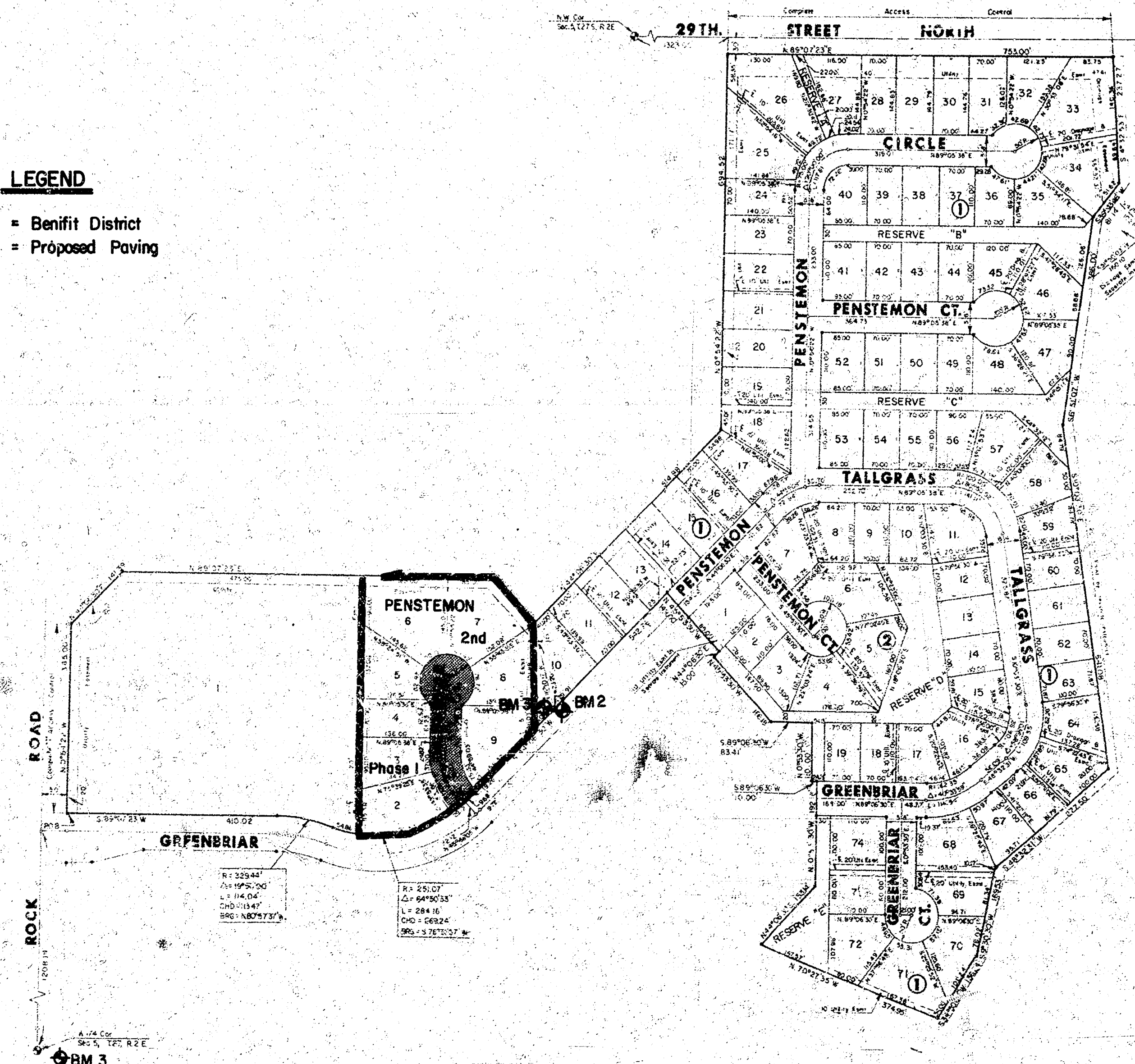
CITY OF WICHITA, KANSAS
MIKE LINDEBAK, CITY ENGINEER
JULY, 1983

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

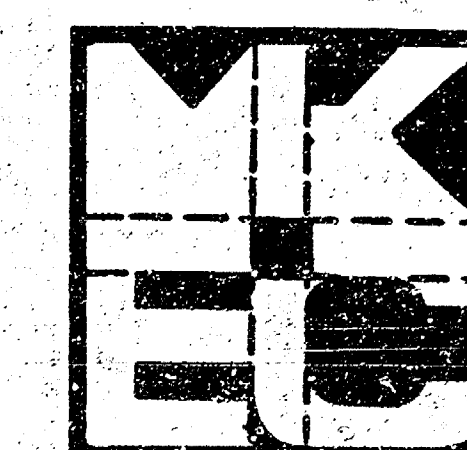
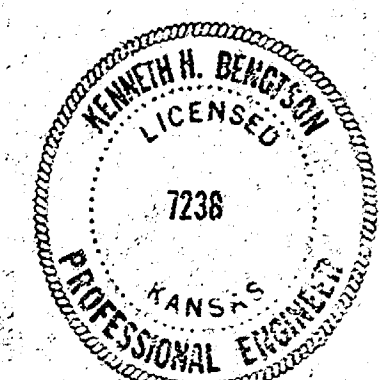


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Scale: 1" = 100'

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	VALLEY GUTTER & PAVING DETAILS
3	GREENBRIAR COURT CROSS SECTIONS
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

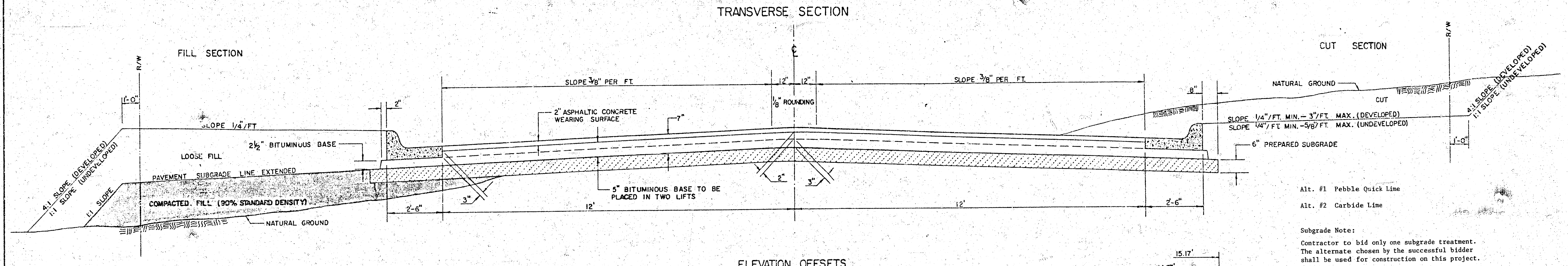
682-6561

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

Sheet 1
of 6

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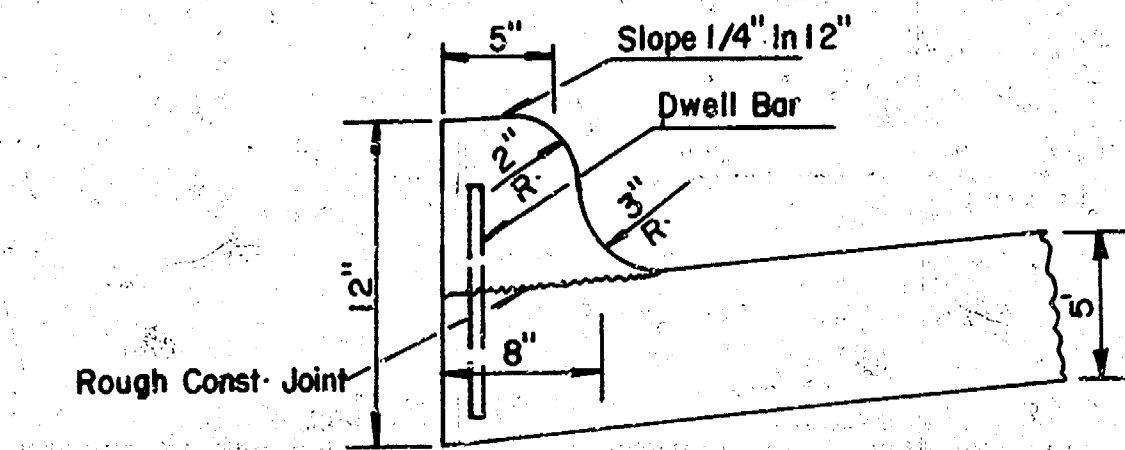
TYPICAL 29' PAVEMENT DETAILS



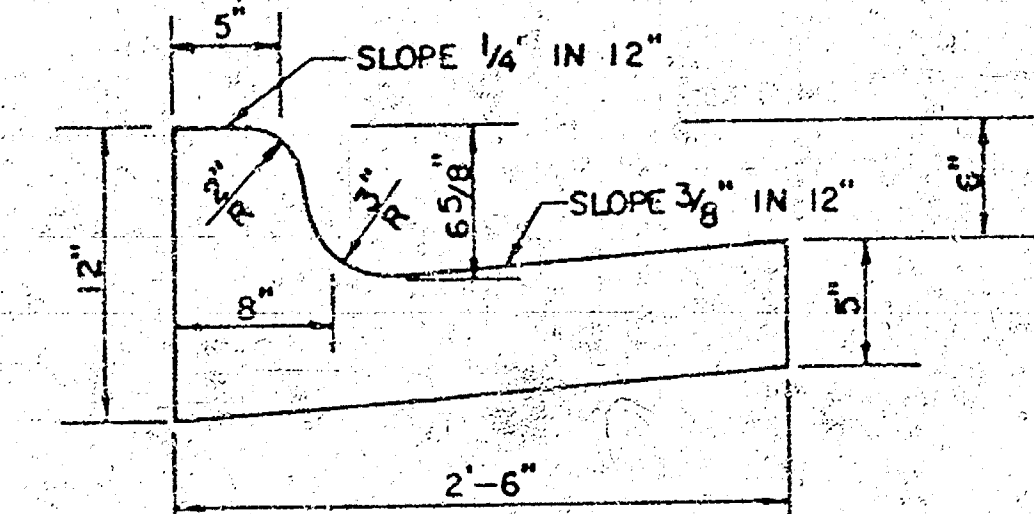
Alt. #1 Pebble Quick Lime
Alt. #2 Carbide Lime

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

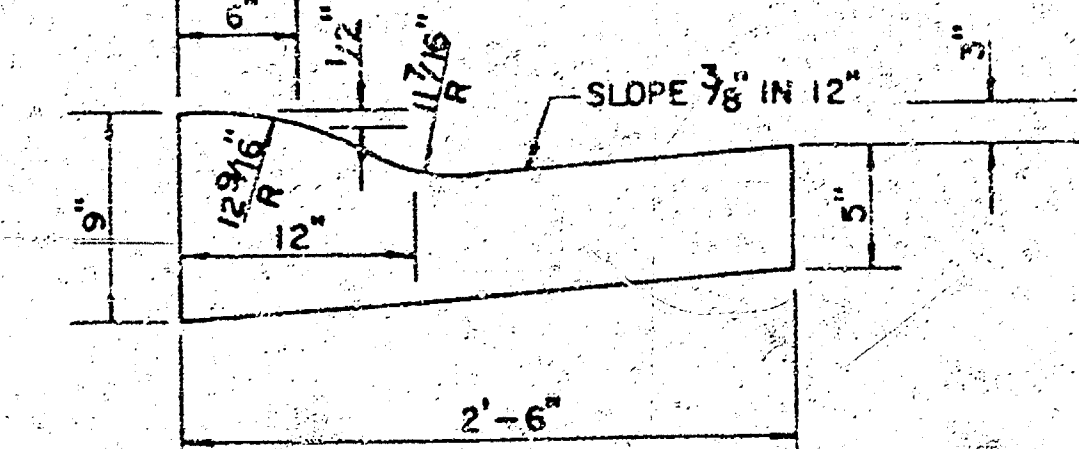
STANDARD INTEGRAL CURB



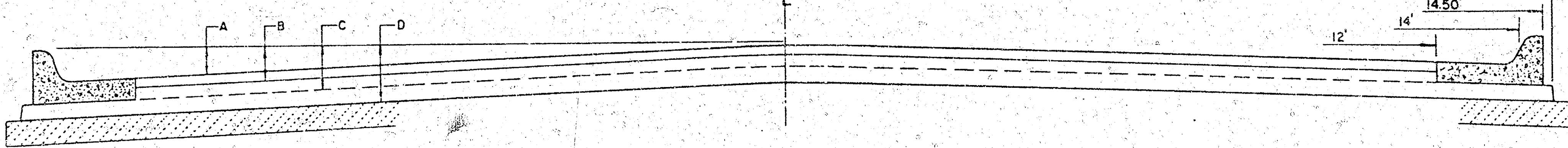
COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER

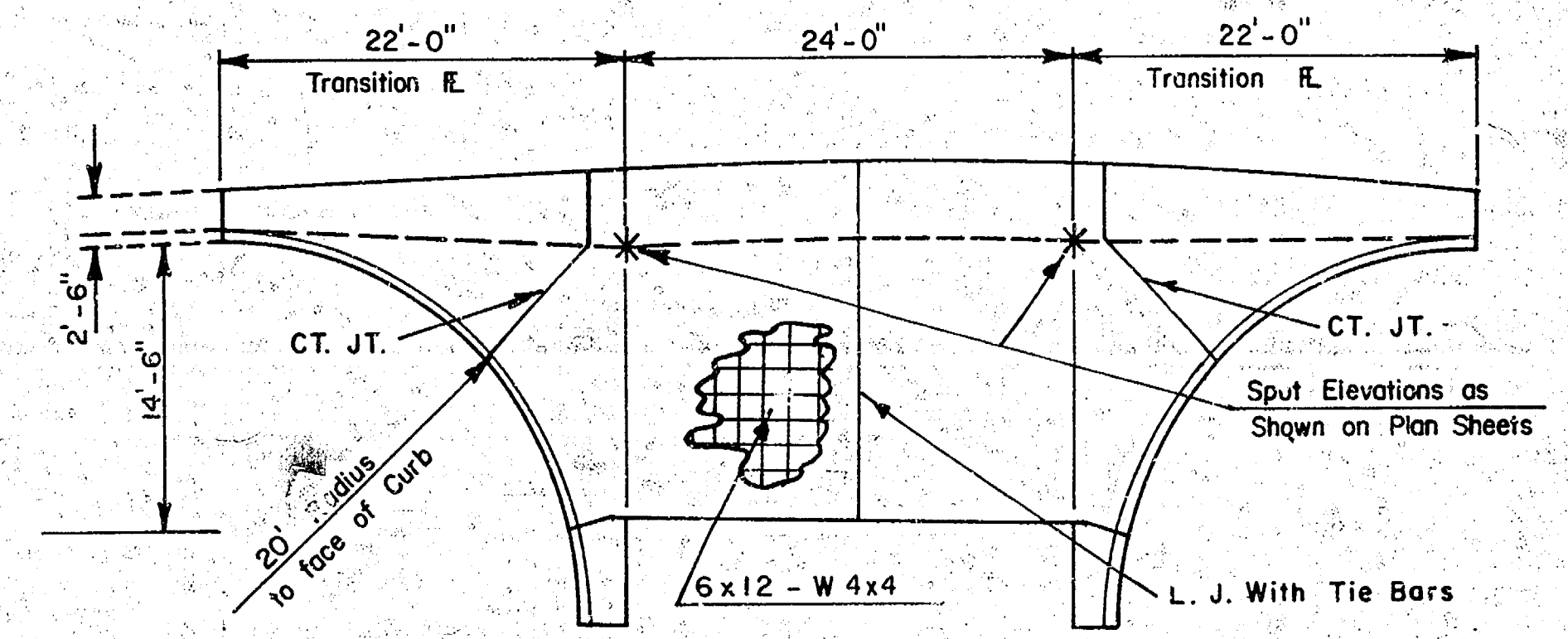


ELEVATION OFFSETS

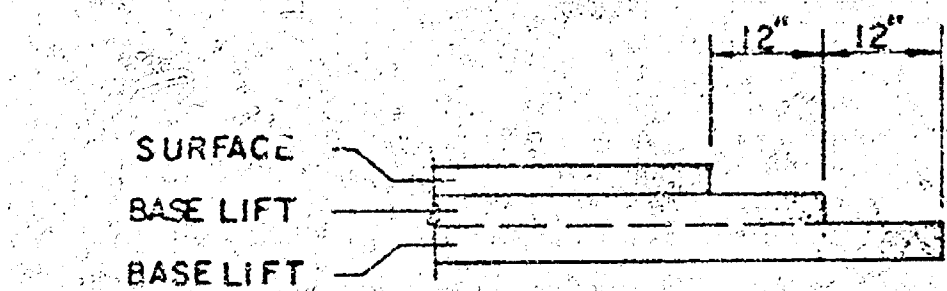


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	14.67'	15.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF 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" BITUMINOUS BASE).

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.
- 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

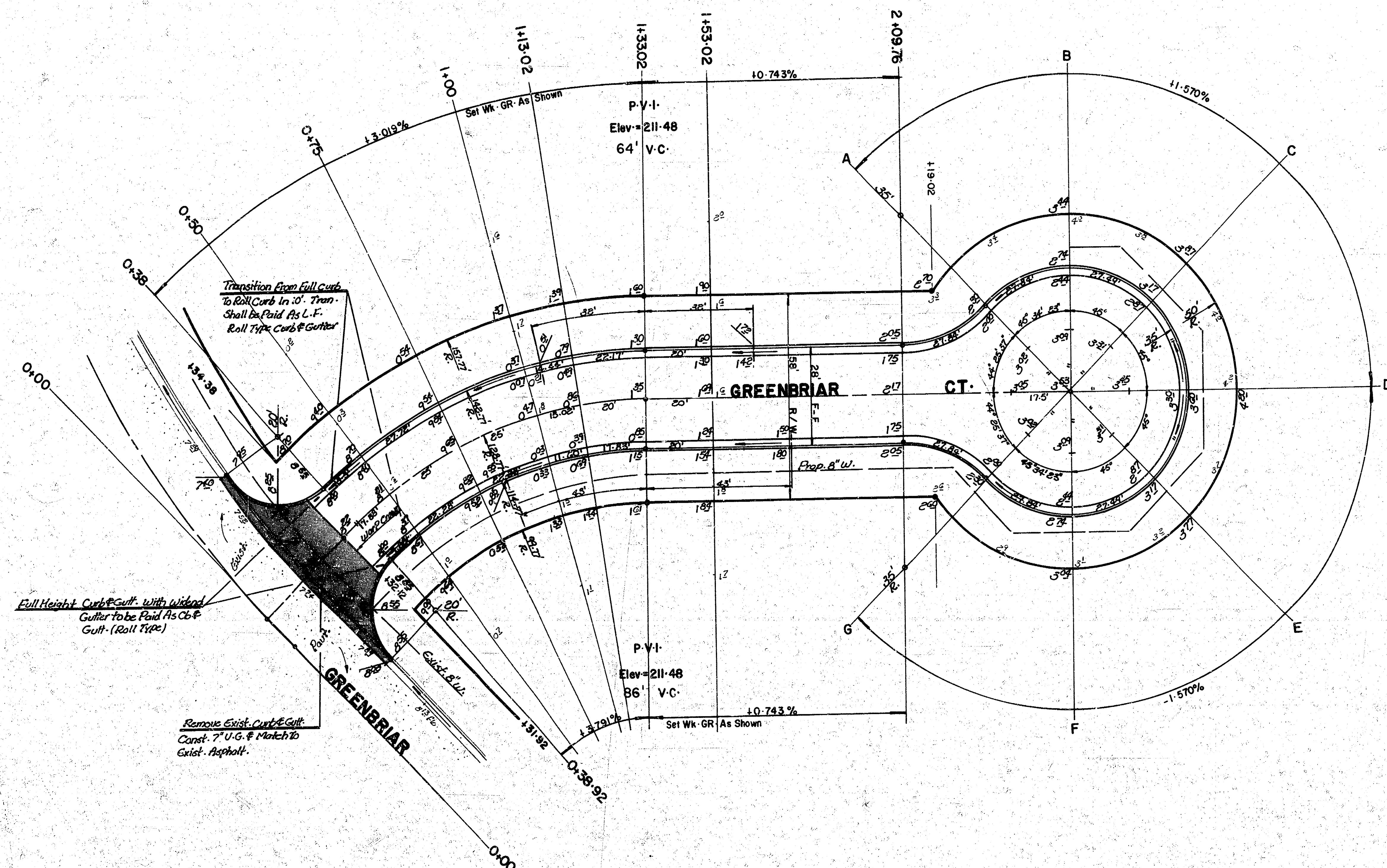
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$\Delta=44^{\circ} 53' 43''$ R.=128.77' T.=128.30' L.=100.90' LC.=98.34'

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.

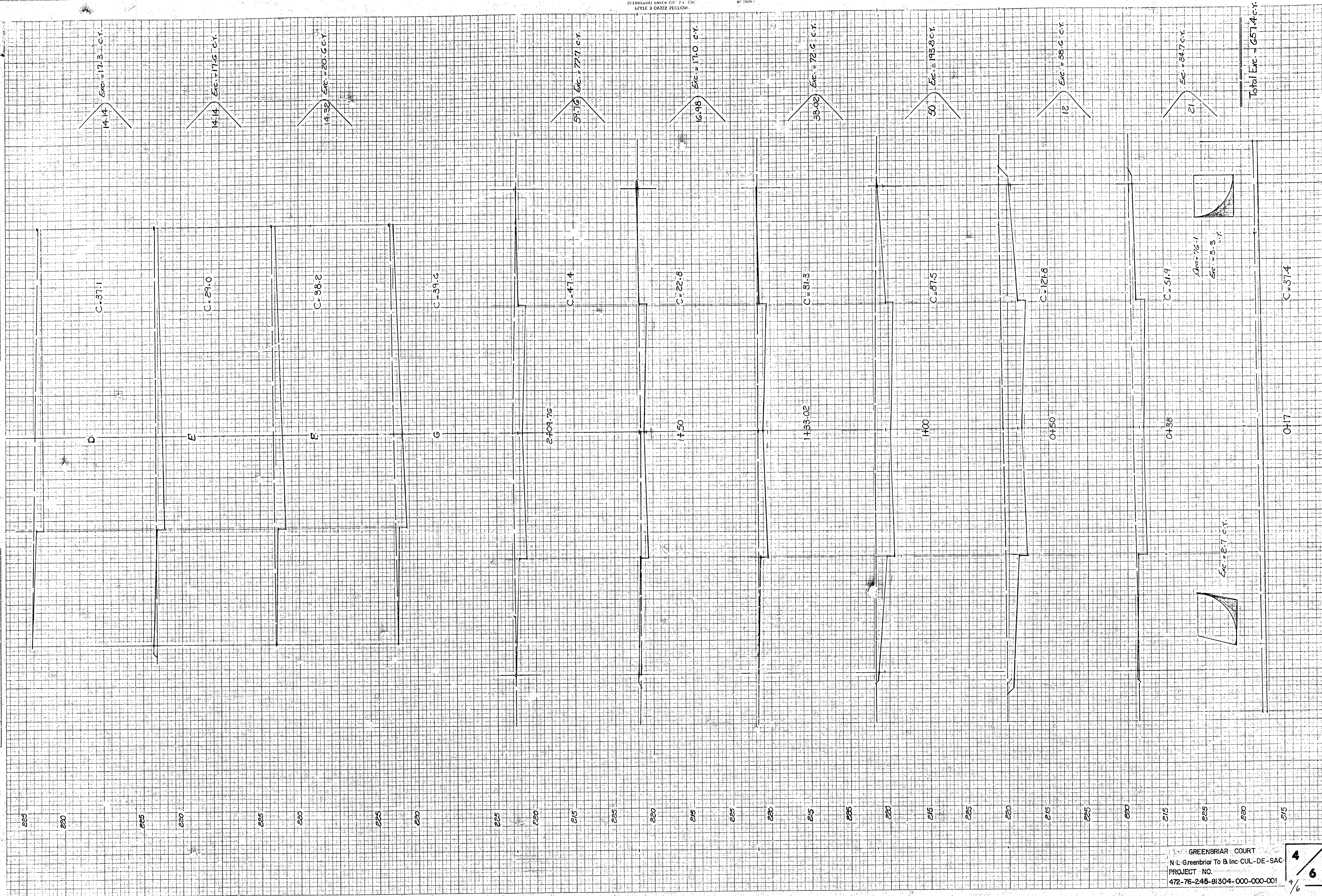
Excavation	657.40 C.Y.
+ 10%	65.74
Total	723.14 C.Y.
Manipulation	1208.50 S.Y.

	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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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., all of which has been patented as Reserve "A" Penstemon, and a portion of Central Christian Second Addition; described as beginning at the intersection along the north line of Greenbriar and the east line of Rock Road; thence N 4° 06' 30" E, 141.98 feet; thence N 44° 30' 00" E, 254.00 feet; thence N 44° 06' 30" E, 151.39 feet; thence N 89° 07' 23" W, 514.98 feet; thence N 45° 53' 30" E, 118.49 feet; thence N 44° 30' 00" E, 514.98 feet; thence S 45° 53' 30" E, 694.52 feet; thence N 44° 30' 00" E, 514.98 feet; thence S 45° 53' 30" E, 237.27 feet; thence S 39° 43' 46" W, 813.00 feet; thence S 45° 53' 30" E, 386.00 feet; thence S 10° 03' 30" E, 641.08 feet; thence S 48° 32' 07" W, 277.50 feet; thence S 9° 30' 30" E, 169.53 feet; thence S 36° 50' 09" W, 136.24 feet; thence N 70° 23' 30" E, 195.00 feet; thence N 44° 06' 30" E, 153.14 feet; thence N 45° 53' 30" E, 192.16 feet; thence N 45° 06' 30" E, 125.00 feet; thence N 5° 53' 30" W, 110.00 feet; thence S 89° 06' 30" W, 83.41 feet; thence N 45° 53' 30" W, 168.18 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 269.20 feet bearing S 76° 53' 30" E, 269.20 feet, thence along said chord of 269.20 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 114.00 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 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 "Pensmore Second Addition", an addition to Wichita, Sedgewick 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 hereby set aside for the construction and maintenance of utilities, drainage, easements, recreation, buffer zones and open space and shall be platted for an emergency access easement. The bedding setbacks shall be in accordance with the Tallgrass Community Unit Plan (D.P. - 96) on file in the City of Wichita, Sedgewick County Metropolitan Area Planning Department Office.

Tallgrass Company

By: William F. Binter
WILLIAM F. BINTER

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 F. Bente, 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.


 Appointed Expires: 2/1/86

by the Board of County Commissioners of Sedgwick County, Kansas, this
6th day of JULY, 1983.

Jack Spratt, Chairman

Donald E. Grogg Commissioner

Tom Scott Commissioner

Attest: Dorothy K. White County Clerk
Dorothy K. White

Entered on transfer record this 6th day of JULY 1983.

Dorothy K. White, County Clerk
Dorothy K. White

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.

Bette F. McCart, Register of Deeds
Bette F. McCart

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

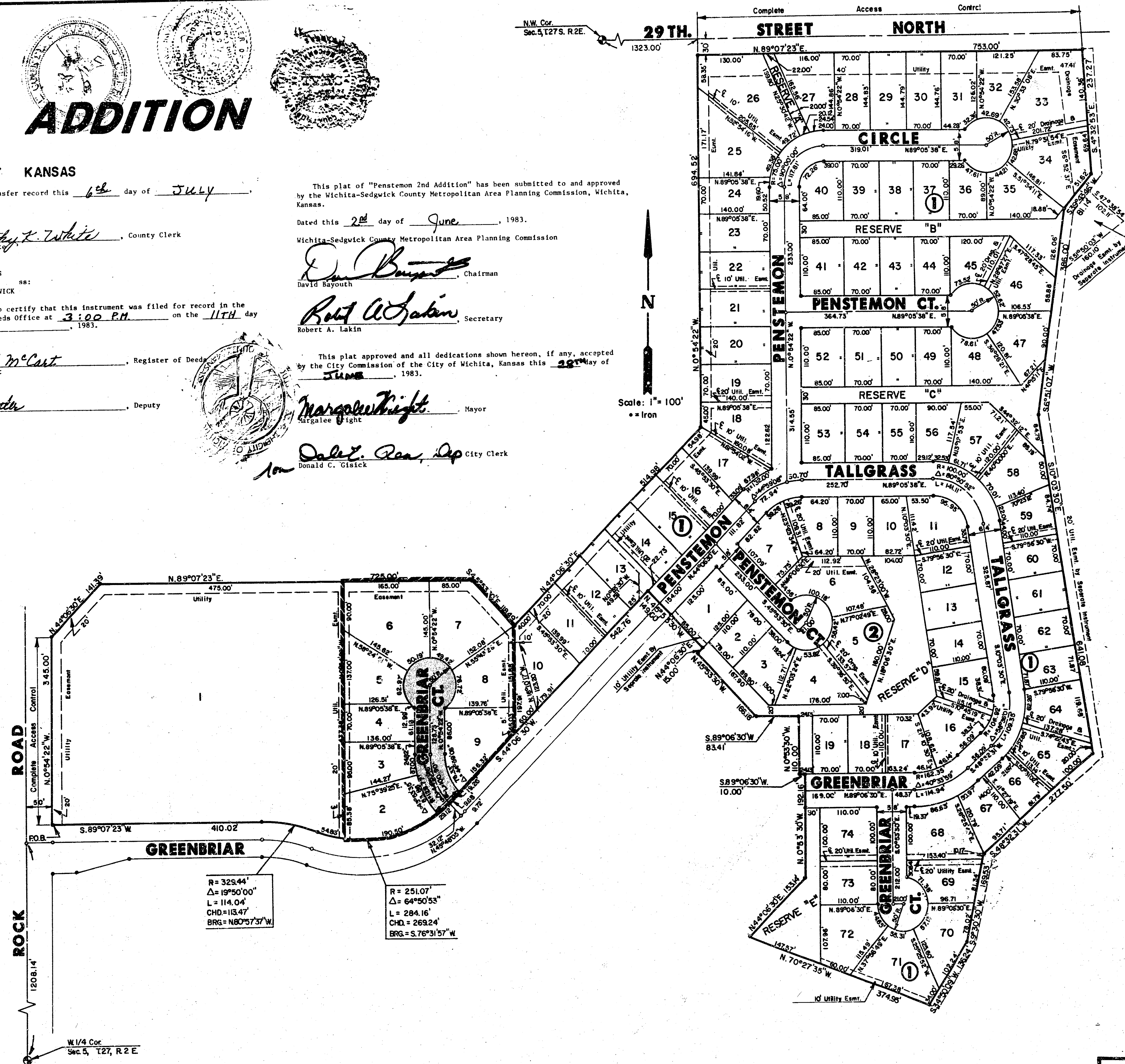
 Chairman

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 28th day of JUNE, 1983.

Margaret Knight Mayor

Donald C. Gisick City Clerk



REVISION	JULY, 1983	M.K.E.C.
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