

PAVING PLANS FOR GREENBRIAR COURT

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

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

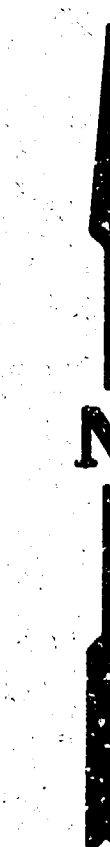
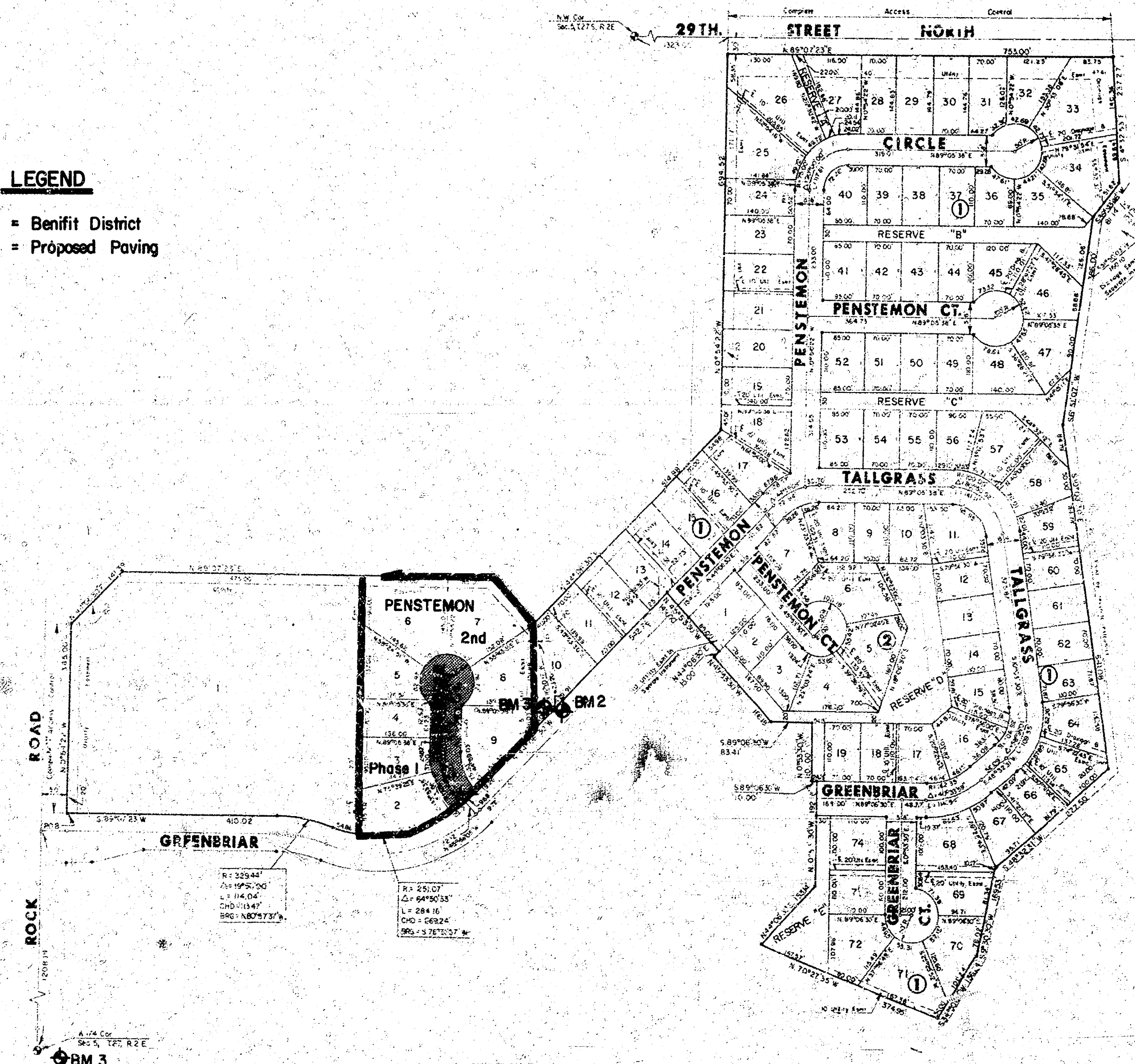
CITY OF WICHITA, KANSAS
MIKE LINDEBAK, CITY ENGINEER
JULY, 1983

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

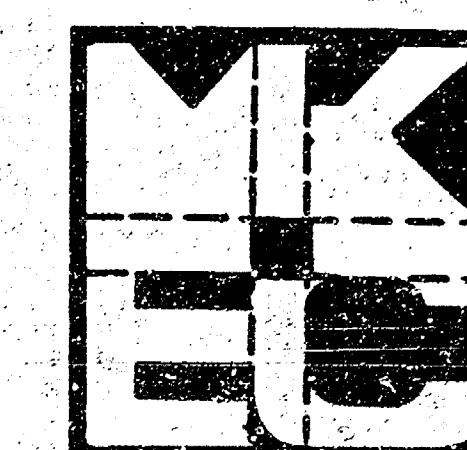
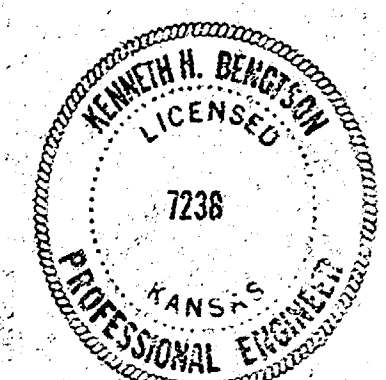
- = Benefit District
— = Proposed Paving



Scale: 1" = 100'

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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

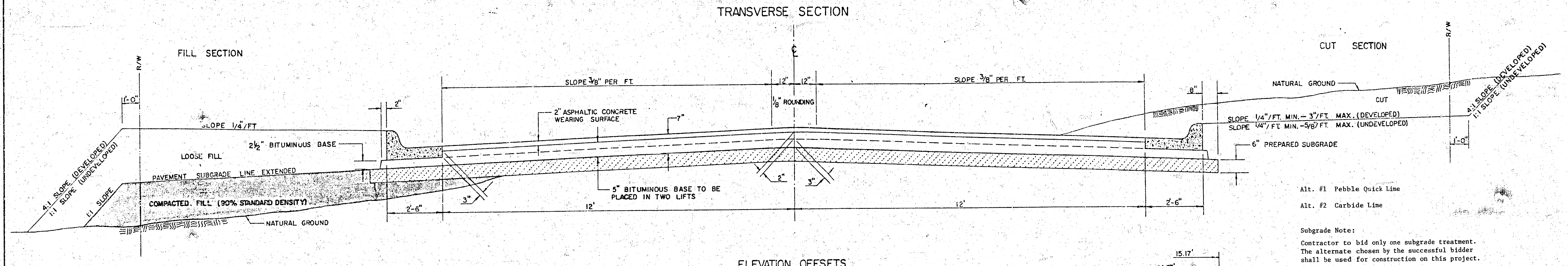
682-6561

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

Sheet 1
of 6

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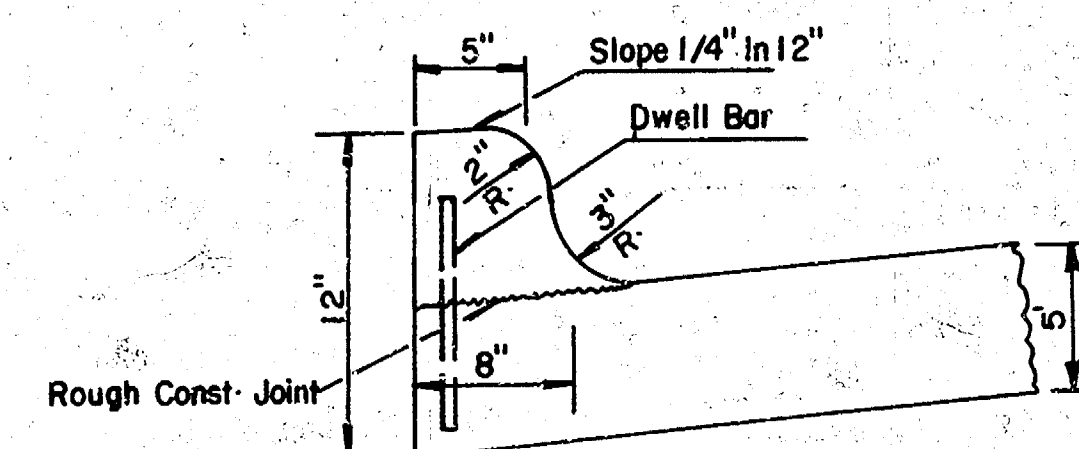
TYPICAL 29' PAVEMENT DETAILS



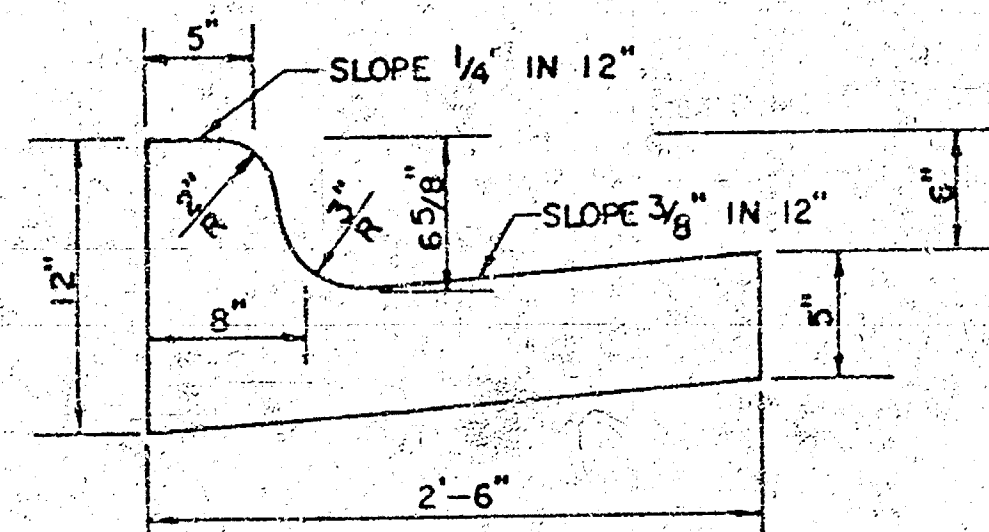
Alt. #1 Pebble Quick Lime
Alt. #2 Carbide Lime

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

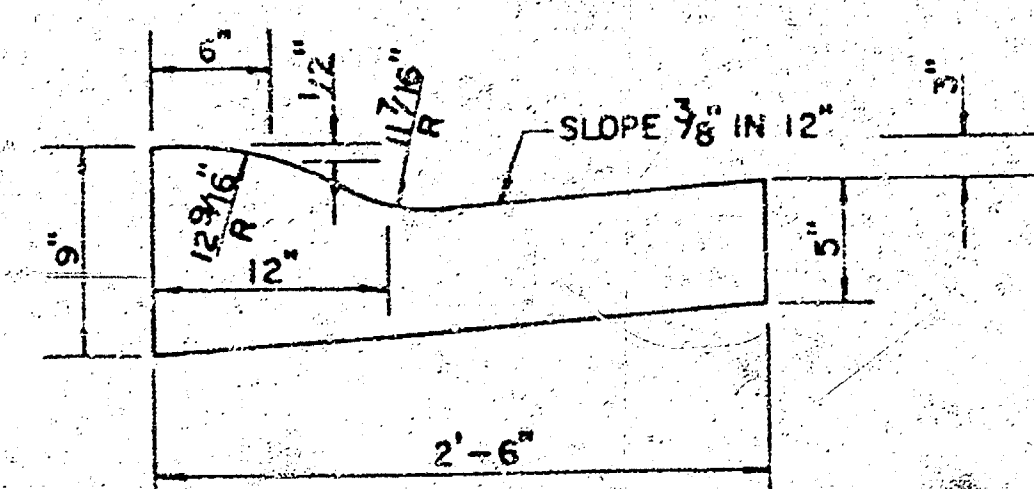
STANDARD INTEGRAL CURB



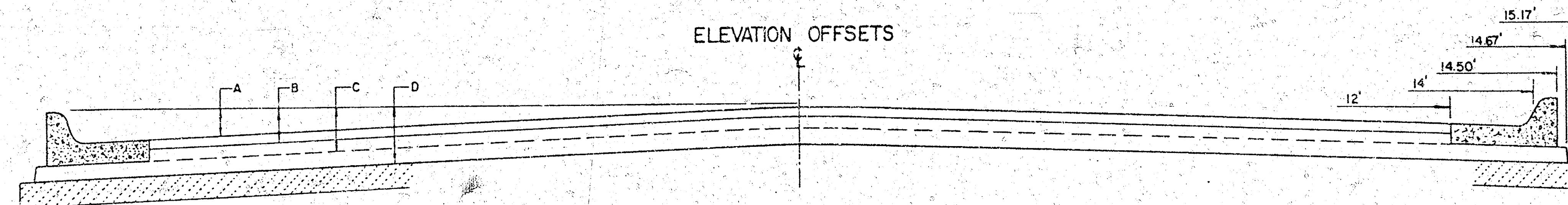
COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER

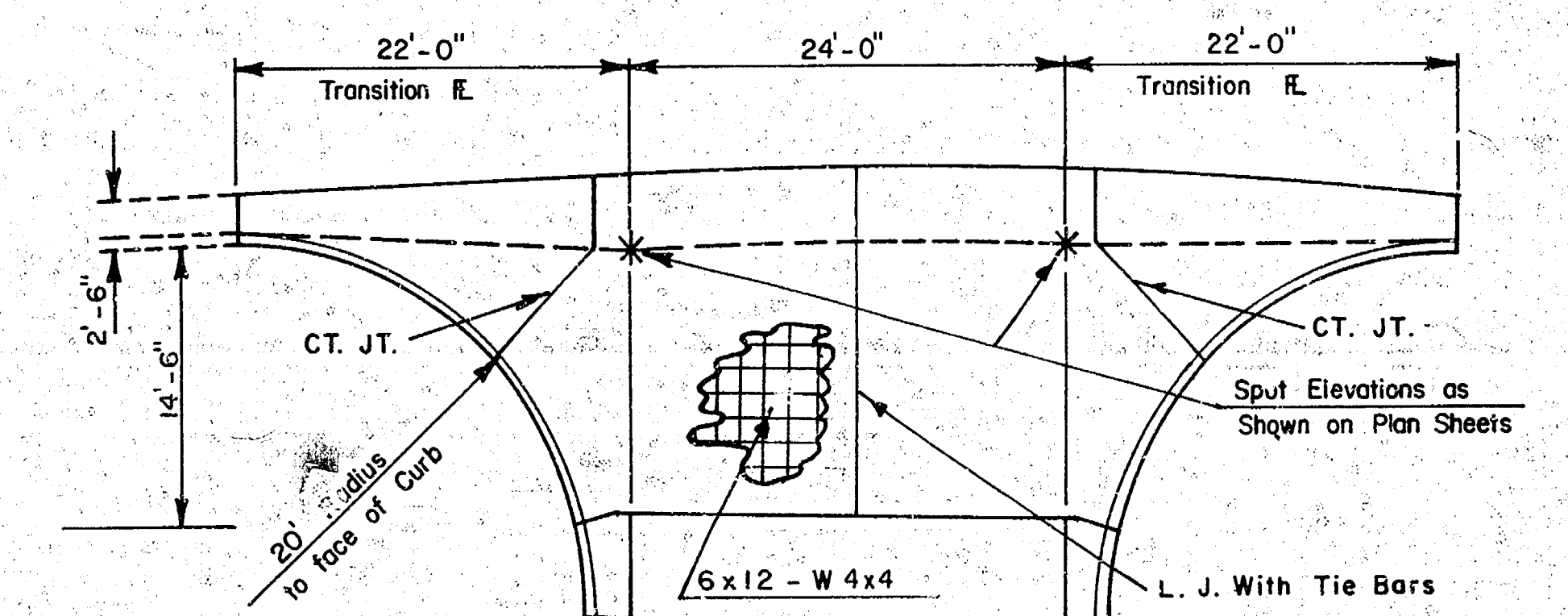


ELEVATION OFFSETS

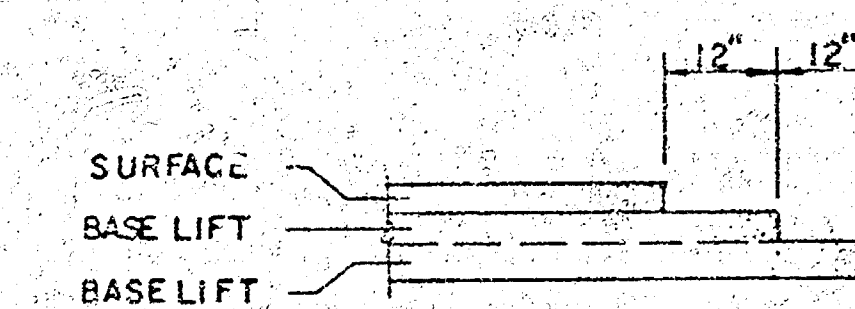


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	14.67'	15.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF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

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

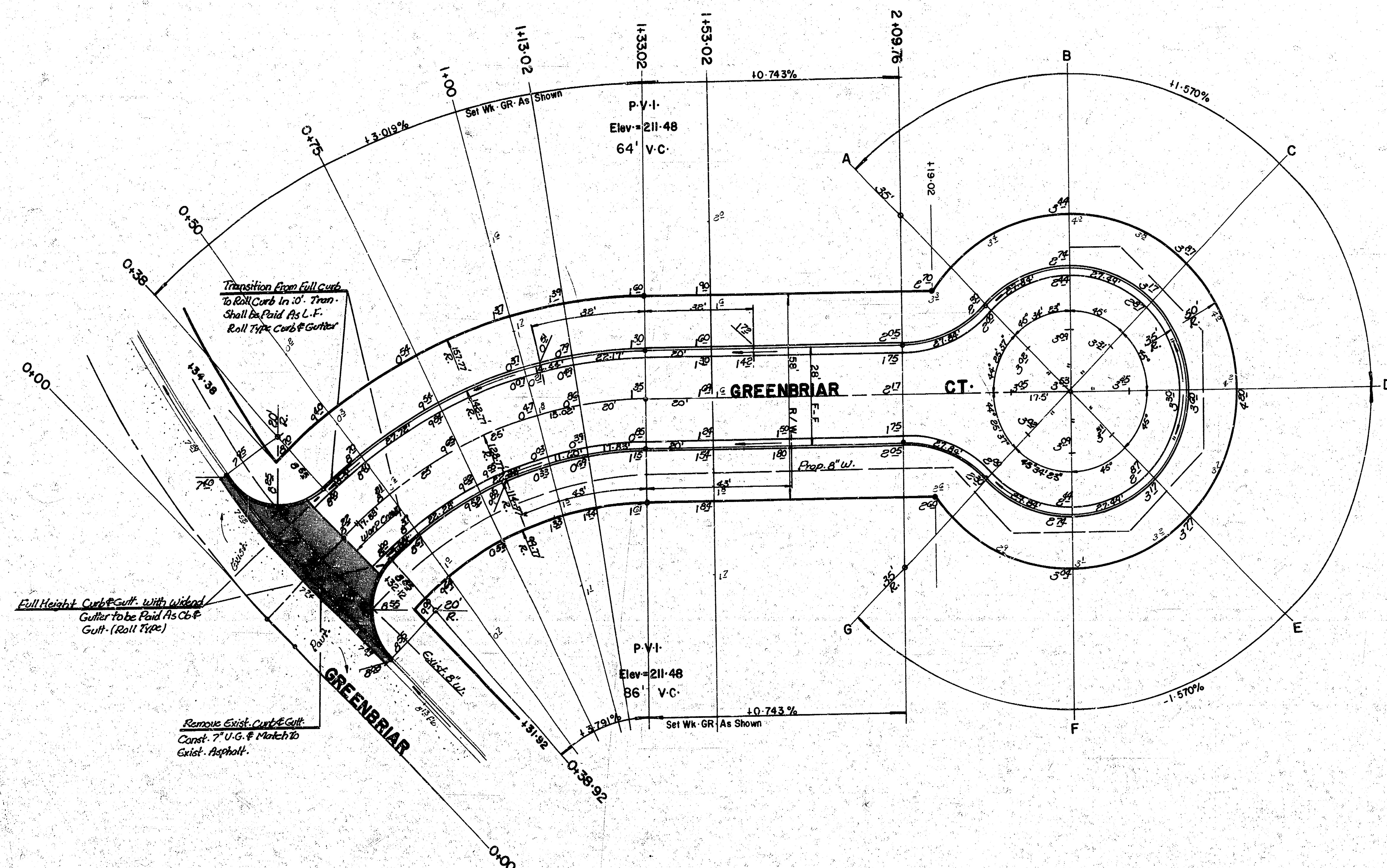
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$\Delta=44^\circ 53' 43''$ R.=128.77' T.=128.30' L.=100.90' LC.=98.34'

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.

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

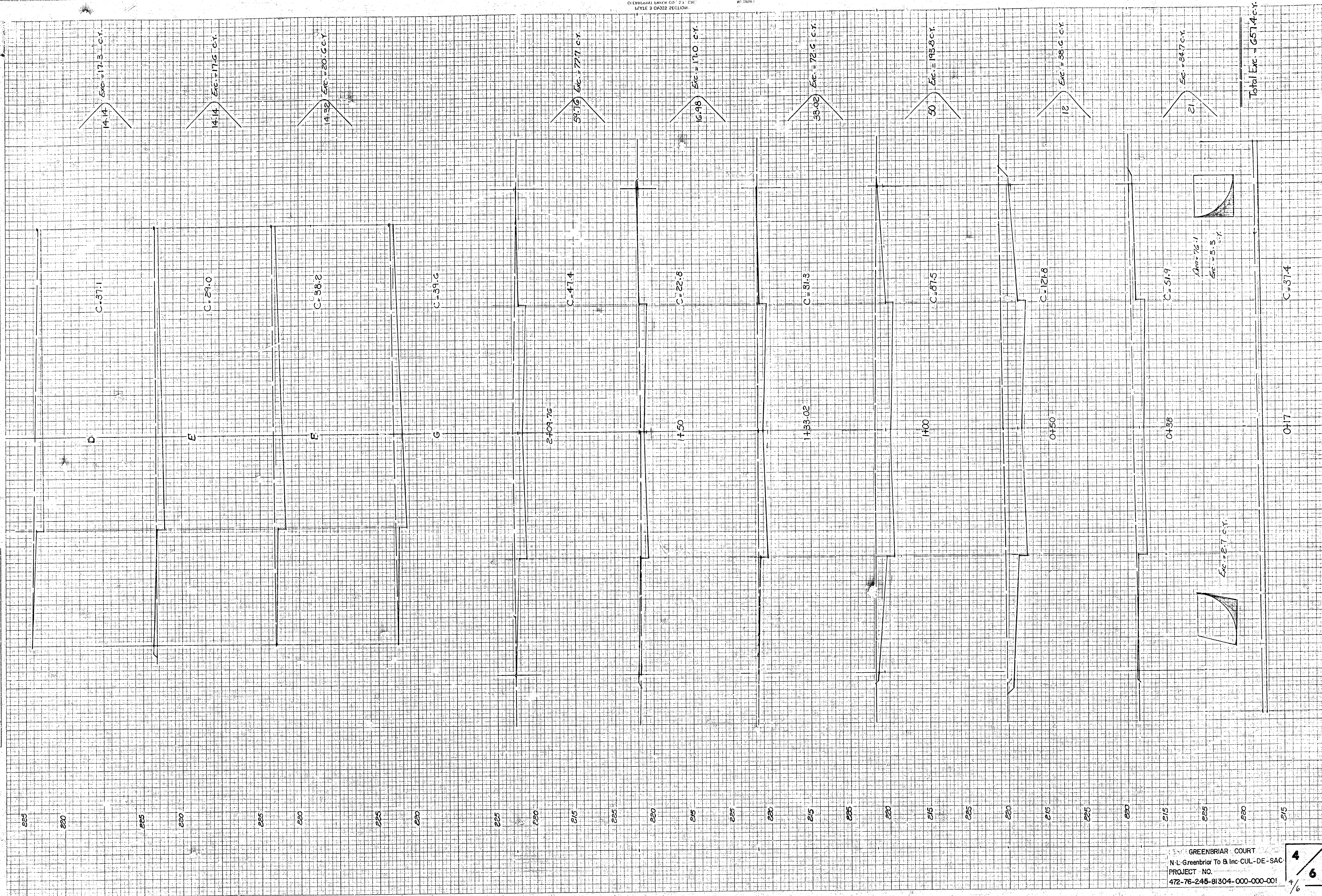
THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.

	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.
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4/6

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