

STREET IMPROVEMENTS
FOR

WESTWIND SECOND ADDITION

CORNELISON CIR., 20TH ST. CIR., and WESTLAWN CIR.

FROM THE W.L. WOODCHUCK TO, AND INCLUDING CUL-DE-SACS

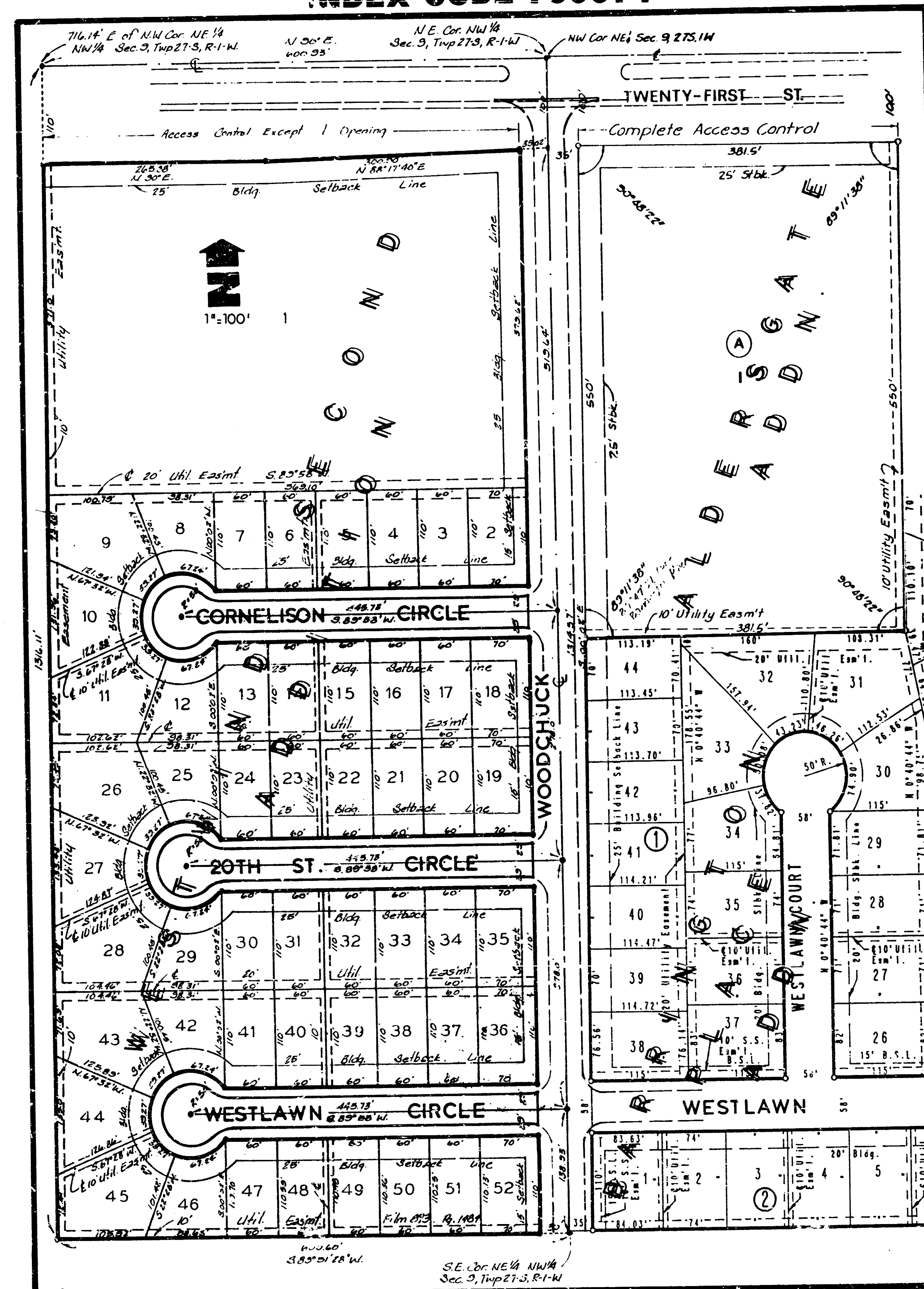
PROJECT NO. 472-76-245-81776-000-000-001
INDEX CODE 760074

BENCHMARKS

1. "C" Cut top ch. adjacent to NW Cor. lot 29, Blk. 1, BARRINGTON PLACE ADDITION. Elev. = 155.91 City datum
2. "C" Cut SW Cor. of catch basin, E. End of NE Return of 19TH ST. at Woodchuck. Elev. = 155.11 City datum
3. Top of Iron in Thimble NE Cor. NW 1/4, Sec. 9, T27S, R1-W. (Intersection 21st ST. at Woodchuck.) Elev. = 162.70 City datum

GENERAL NOTES

1. Utility service lines, poles, valve boxes, meters, and etcetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
2. This project includes a certain amount of roll type curb construction. Roll Curbs shall be depressed through all driveway openings when such drives are constructed as a part of the project.
3. No more than 17 drives 18 feet in width, or equivalent combinations thereof, are to be constructed with this project.
4. Widened gutter section of combined curb and gutter at intersections will not be paid for directly, and this cost shall be considered as subsidiary to the other contract pay items of work.
5. Limits of earthwork shall match existing ground elevations at the right-of-way line unless otherwise noted on the plans with a new finished grade elevation. When a new finished grade elevation is shown, the earthwork shall extend one foot beyond the right-of-way line and then sloped up or down using permissible slopes to match the existing ground surface.
6. Contractor shall give property owners abutting this project, whose yards will be lower than the new finished grade elevations at the right-of-way line, an opportunity to utilize excess excavated material from the project to regrade their yards to drain to the new pavement. Contractor will be required to dump and spread the excess material as required by the specification when requested by the property owner. The Contractor shall ascertain that a dirt order form has been properly executed by the property owner before any such excess material is delivered to such properties.
7. The Contractor will be permitted to bid only one of the alternate types of subgrade treatment. The type bid by the successful bidder will be the type of subgrade treatment used to construct the project.
8. The Contractor shall be responsible for preserving property irons. The Contractor will 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 in accordance with state laws.



IMPROVEMENT DISTRICT

CITY of WICHITA, KANSAS
MICHAEL E. LINDEBAK
CITY ENGINEER

INDEX of SHEETS

- 1 TITLE SHEET
- 2 TYPICAL PAVT. SECTION
- 3-5 PLAN SHEETS
- 6-12 EARTHWORK X-SECTIONS
- 13 FINAL PLAT (COPY)

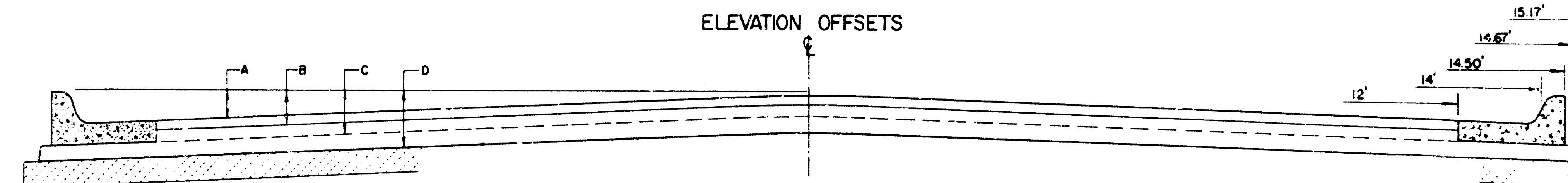
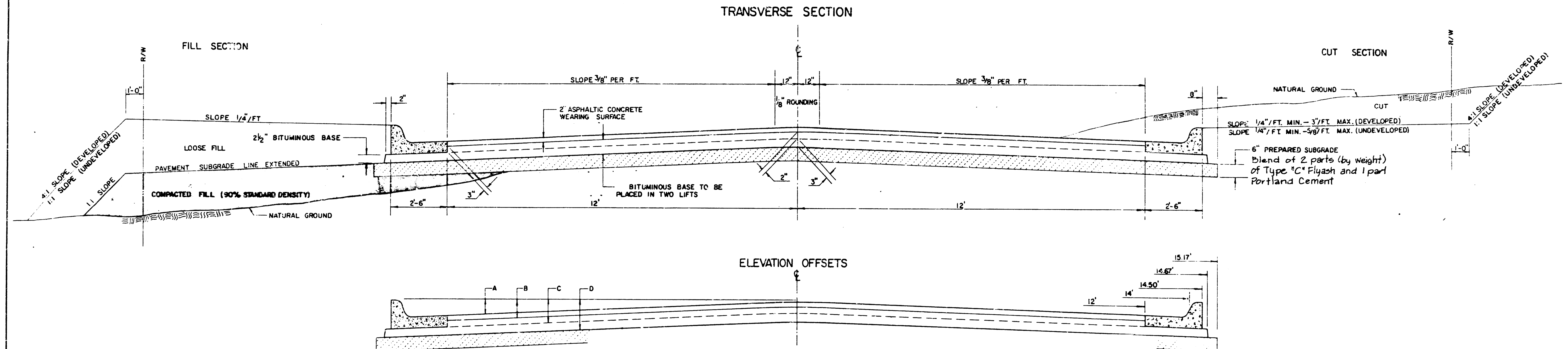


JULY 27, 1989

TITLE SHEET				
BAUGHMAN COMPANY, P.A. SURVEYING & ENGINEERING 316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211				
Design:	Drawn:	Approved:	Date:	Scale:
T. Ruggles	Sunny		Apr 88	as noted
				Sheet: 1 of 13

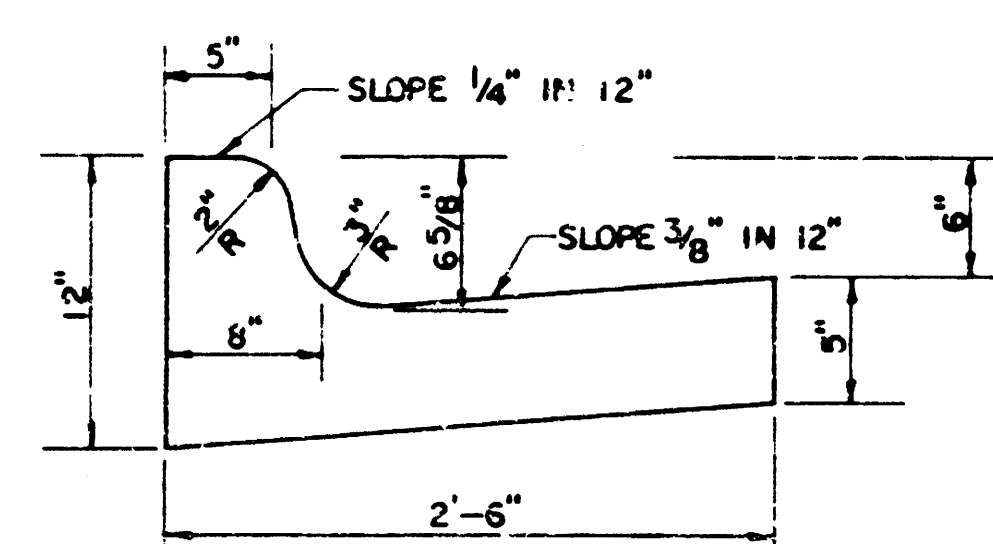
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TYPICAL 29' PAVEMENT DETAILS

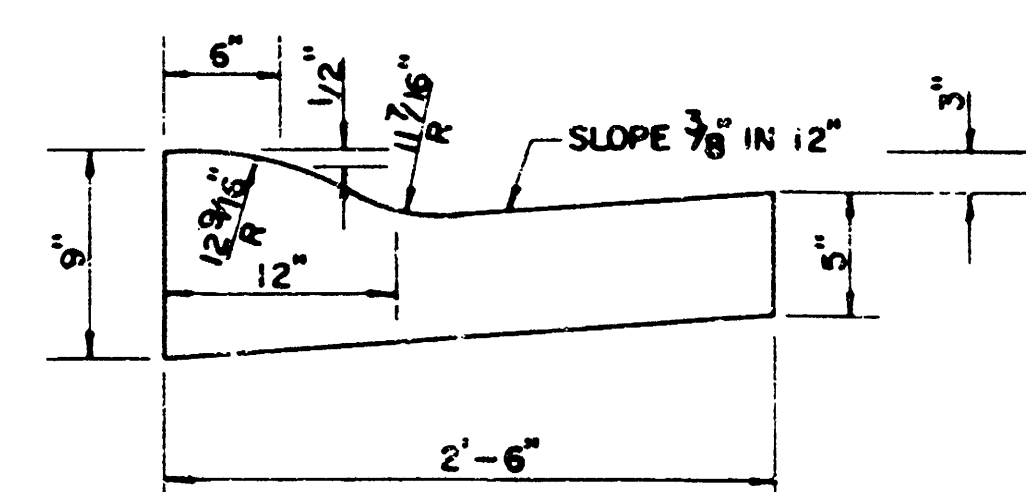


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	14.67'	15.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF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

COMBINED CURB & GUTTER



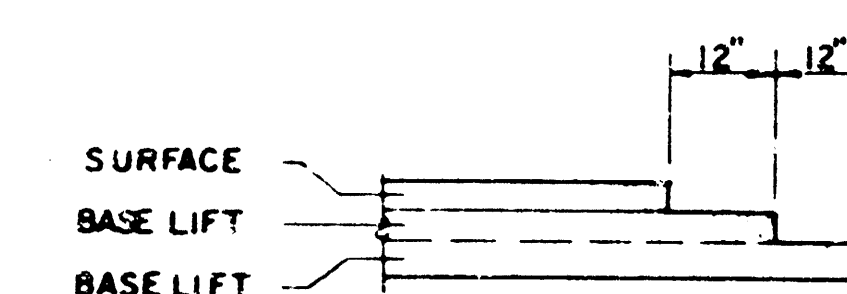
ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 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.

TRANSVERSE CONSTRUCTION JOINTS

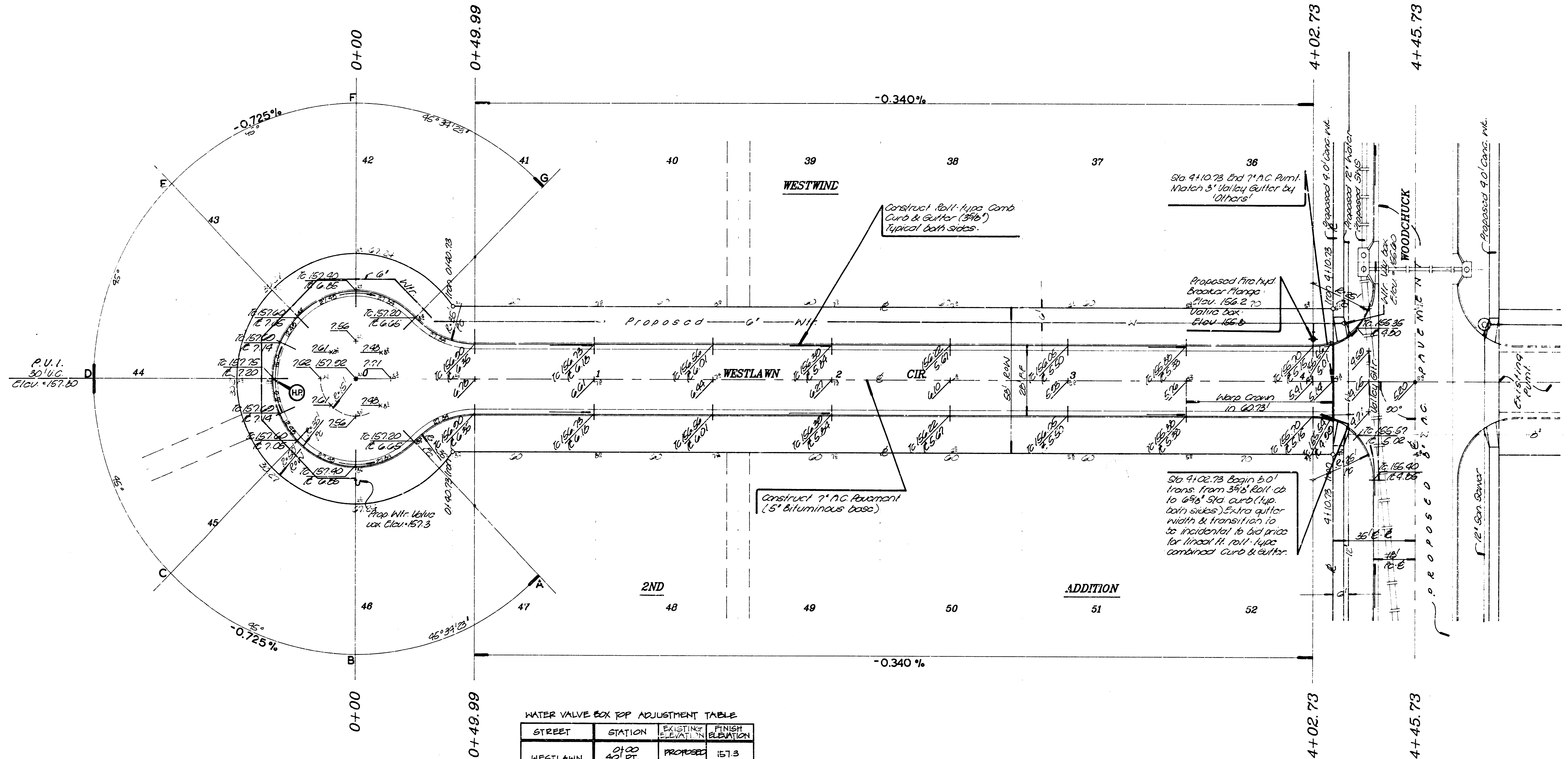
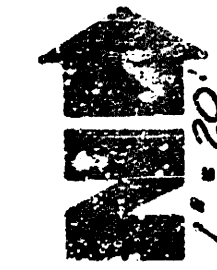


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

7 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
472-76-245-81776-000-000-001 2/13

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NOTE:
Roll-type Curb & Gutter (3/8" x 1 1/2")
is to be constructed on this project.



WATER VALVE BOX TOP ADJUSTMENT TABLE

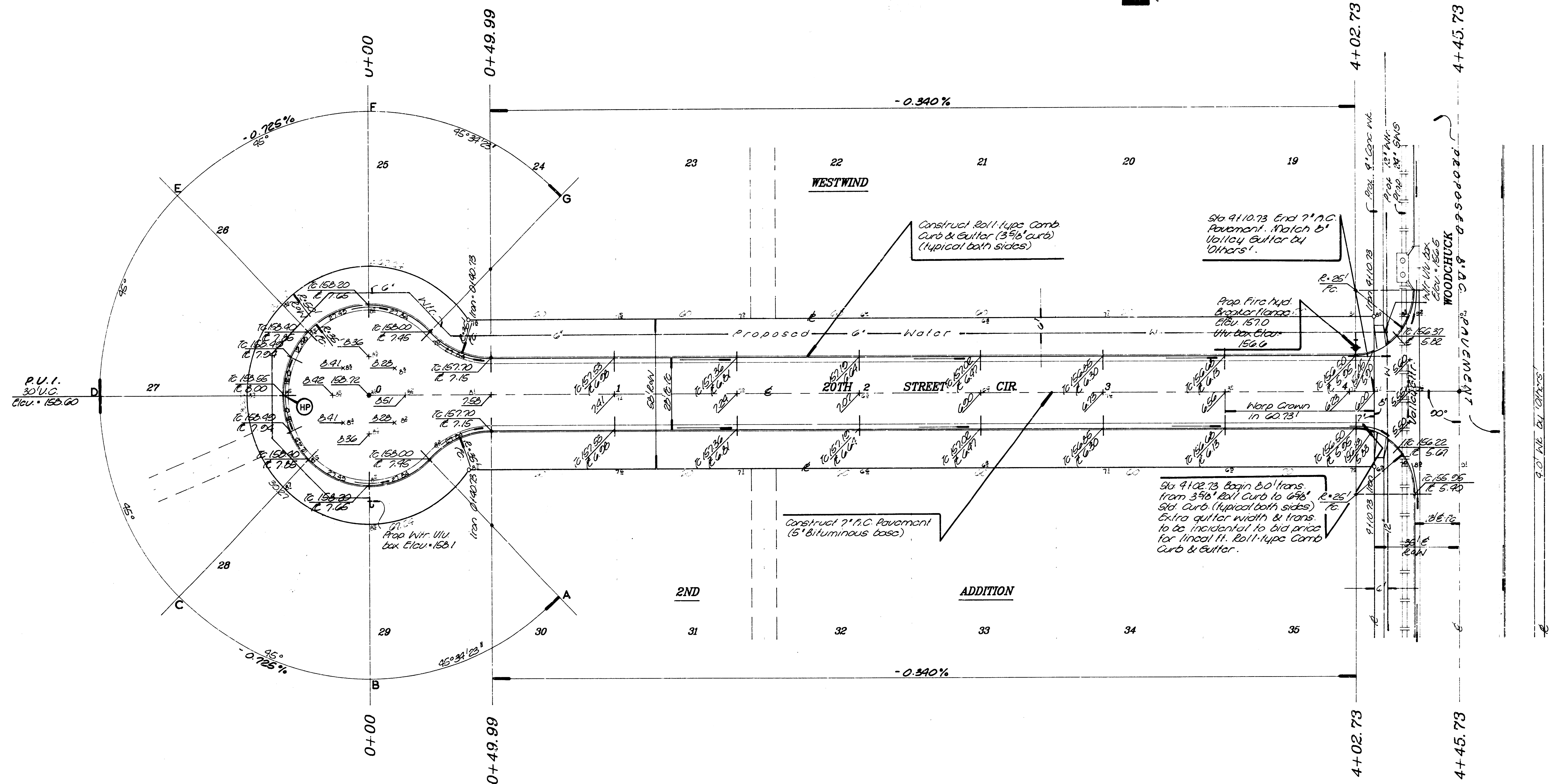
STREET	STATION	EXISTING ELEVATION	FINISH ELEVATION
WESTLAWN CIRCLE	0+00 40' RT.	PROPOSED	157.3
	4+02.73 10' LT.	PROPOSED	155.8
20TH STREET CIRCLE	0+00 40' RT.	PROPOSED	152.1
	4+02.73 10' LT.	PROPOSED	156.6
CORNELISON CIRCLE	0+00 40' RT.	PROPOSED	150.1
	4+02.73 10' LT.	PROPOSED	157.6

EARTHWORK QUANTITIES
EXCAVATION 2553 Cu. Yds.
COMPACTED FILL 4 Cu. Yds.
Subgrade Manip. 5195 Sq. Yds.

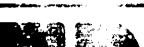
- BENCHMARKS**
1. "O" Crt top cb. adjacent to NW Cor. lot 29, Blk. 1, BARRINGTON PLACE ADDITION, Elev. = 155.91 City datum
 2. "U" Cut SW. Cor. of catch basin, E. End of NE Return of 191H ST. at Woodchuck, Elev. = 155.11 City datum
 3. Top of Iron in Thimble NE Cor. NW 1/4, Sec. 9, T-27-S, R-1-W. (Intersection 21st ST. at Woodchuck.) Elev. = 162.70 City datum

WESTLAWN CIRCLE			
BAUGHMAN COMPANY P. A. SURVEYING & ENGINEERING 318/282-7271 • 315 ELLIS • MOHITA, KANSAS 67211			
PROJECT NUMBER 472-76-245-81776-000-000-001			
DESIGN TOR	DRAWN Garry	APPROVED	DATE Mar 20
SCALE 1" = 20'		SHEET 3 OF 13	

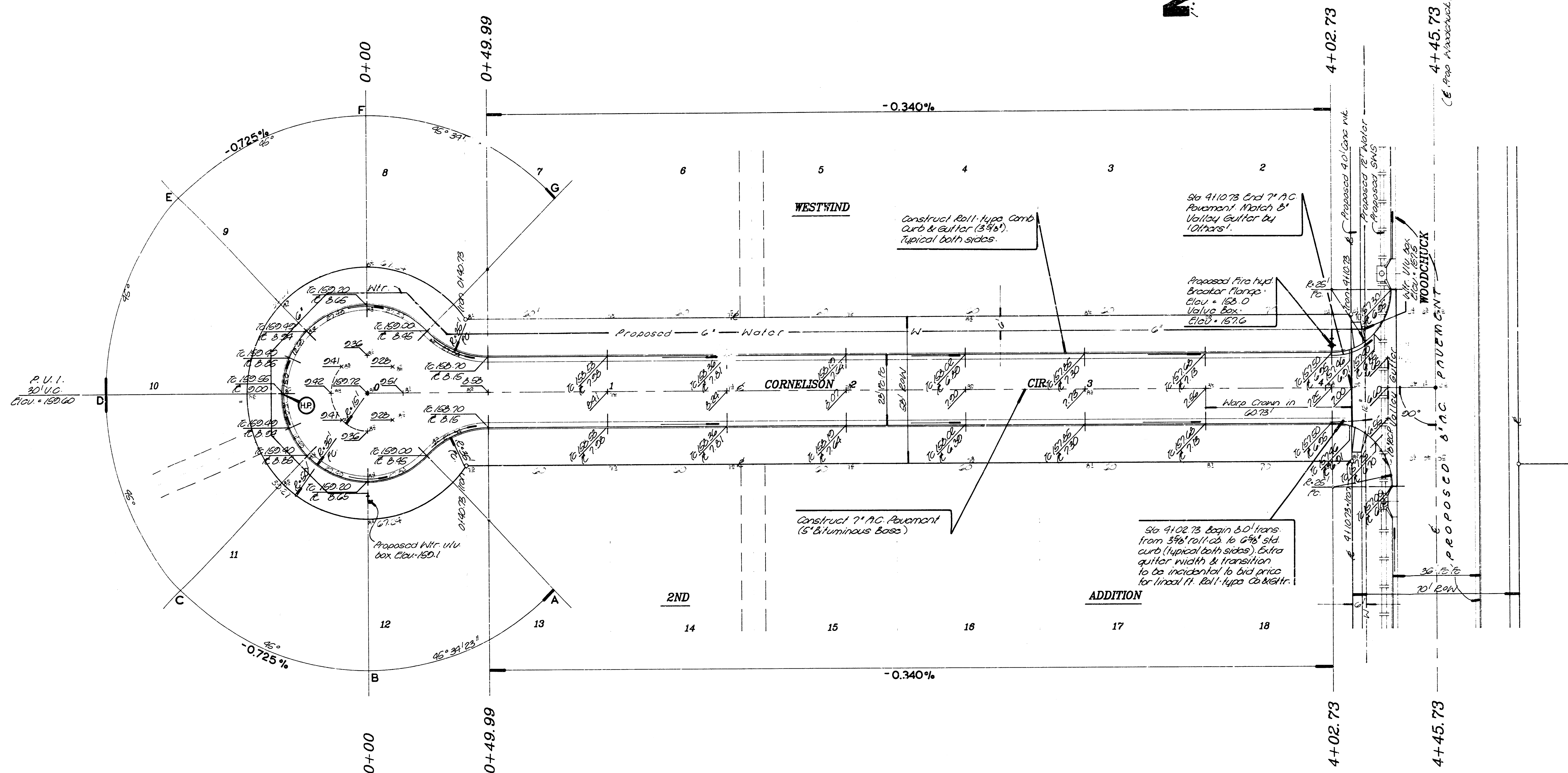
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20TH STREET CIRCLE

- | | | | | | | |
|--|--|---------------------|--|--------------------------|------|--------------------------------------|
|  BAUGHMAN COMPANY P. A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211 | | | | | REV. | |
| PROJECT NUMBER | | | | | | |
| 476 76 245 81776 000 000 001 | | | | | | |
| DESIGN
<i>JDR</i> | | DRAWN
<i>SMW</i> | | APPROVED | | DATE
<i>Aug 20</i> |
| | | | | SCALE
<i>1" = 20'</i> | | SHEET
4
OF
13 |

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1. 'd' Cut top cb. adjacent to NW Cor. lot 29, Blk. 1, BARRINGTON PLACE ADDITION.
Elev. = 155.91 City datum
2. 'd' Cut SW. Cor. of catch basin, E. End of NE Return of 19TH ST. at Woodchuck.
Elev. = 155.11 City datum
3. Top of Iron in Thimble NE Cor. NW1/4, Sec. 9, T-27-S, R-1-W, (Int. section 21st St. at Woodchuck.) Elev. = 162.76 City datum

 CORNELISSON CIRCLE					REV.
BAUGHMAN COMPANY P. A. SURVEYING & ENGINEERING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER 472-76-245-81776-000-000-001					SHEET 5 OF 13
DESIGN <i>JCR</i>	DRAWN <i>DAW</i>	APPROVED	DATE <i>NOV 10</i>	SCALE <i>1" = 20'</i>	

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160

155

Sta. OG
AREA:
EXC = $\left(\frac{51.2 + 51.3}{2}\right) \left(11\right) \left(\frac{45.0}{360}\right) = 1050.71 \text{ ft}^2$

(211.14) 58.8

160

155

Sta. OF
AREA:
EXC = $\left(\frac{51.2 + 51.3}{2}\right) \left(11\right) \left(\frac{45.0}{360}\right) = 1035.98 \text{ ft}^2$

(211.14) 58.8

160

155

Sta. OE
AREA:
EXC = $\left(\frac{50 + 51.2}{2}\right) \left(11\right) \left(\frac{45.0}{360}\right) = 1005.45 \text{ ft}^2$

(211.14) 58.8

160

155

Sta. OD
AREA:
EXC = $\left(50\right) \left(11\right) \left(\frac{45.0}{360}\right) = 981.75 \text{ ft}^2$

(211.14) 58.8

160

155

Sta. OC
AREA:
EXC = $\left(\frac{44.4 + 51.3}{2}\right) \left(11\right) \left(\frac{45.0}{360}\right) = 1005.45 \text{ ft}^2$

(211.14) 58.8

160

155

Sta. OB
AREA:
EXC = $\left(51.2\right) \left(11\right) \left(\frac{45.0}{360}\right) = 1042.55 \text{ ft}^2$

(211.14) 58.8

160

155

Sta. OA
AREA:
EXC = $\left(\frac{44.4 + 51.3}{2}\right) \left(11\right) \left(\frac{45.0}{360}\right) = 1005.45 \text{ ft}^2$

Westtown Circle

Exc 511.0 CY
MF 0
CF 0
LF 0

40

30

20

10

0

Exc 511.0 CY
MF 0
CF 0
LF 0

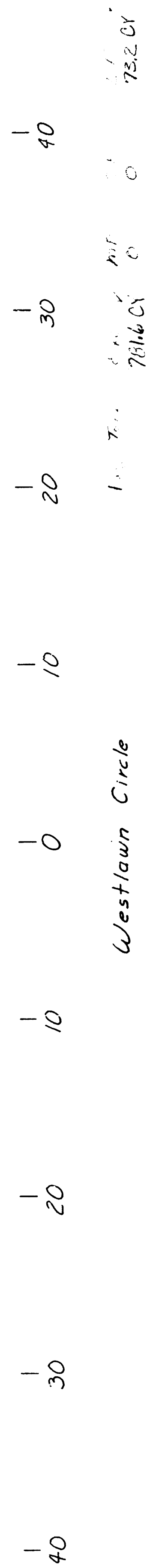
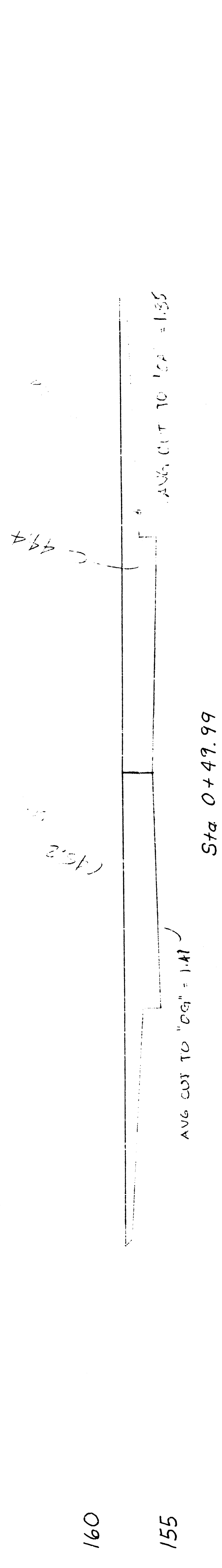
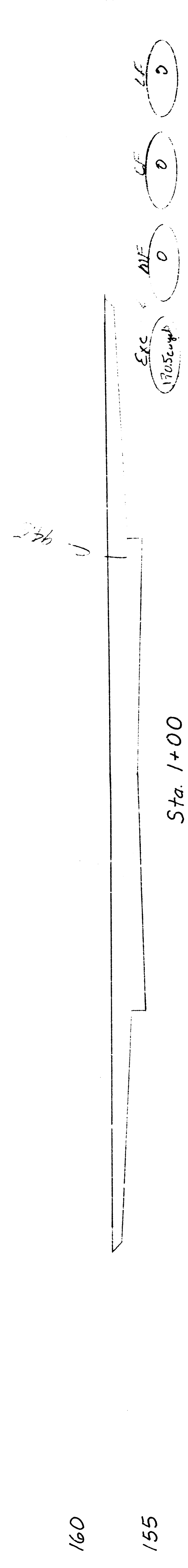
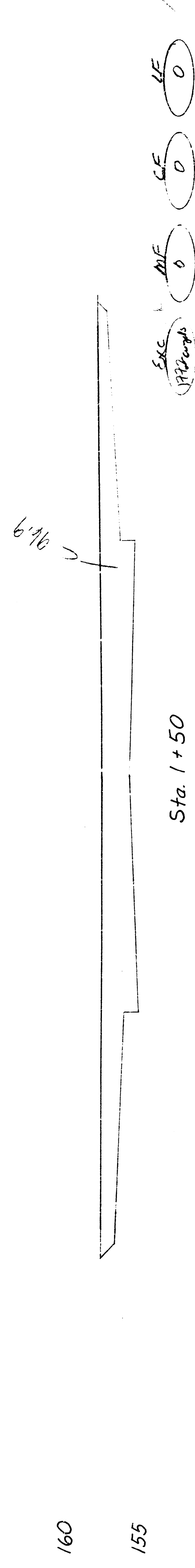
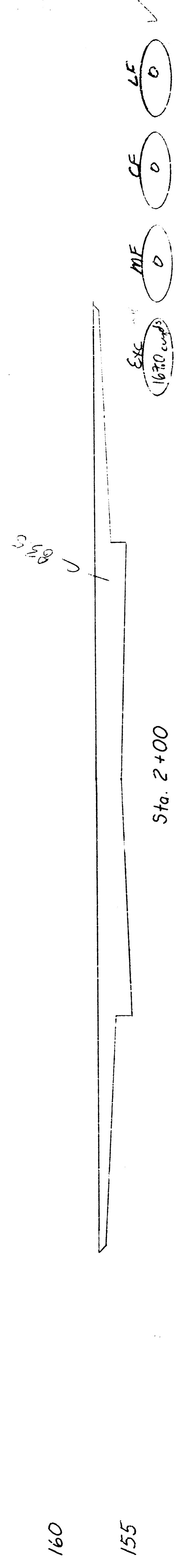
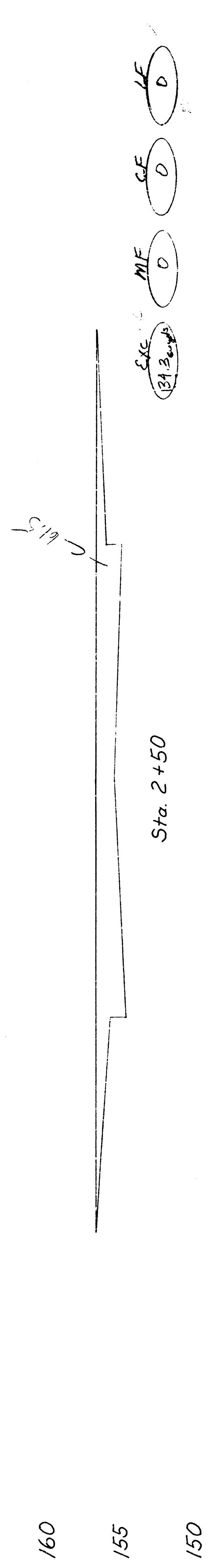
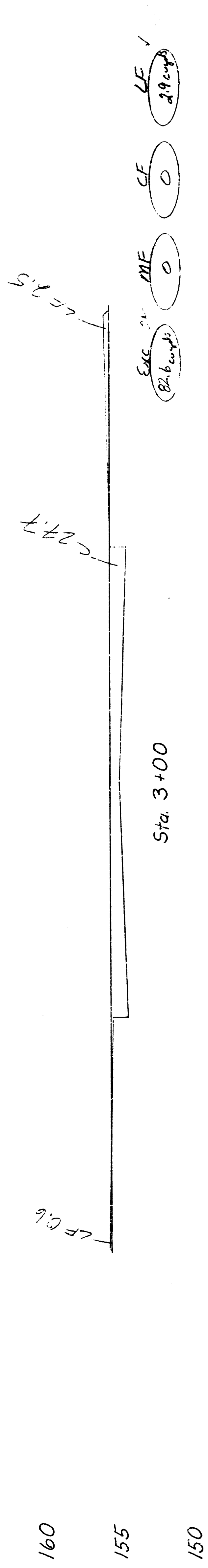
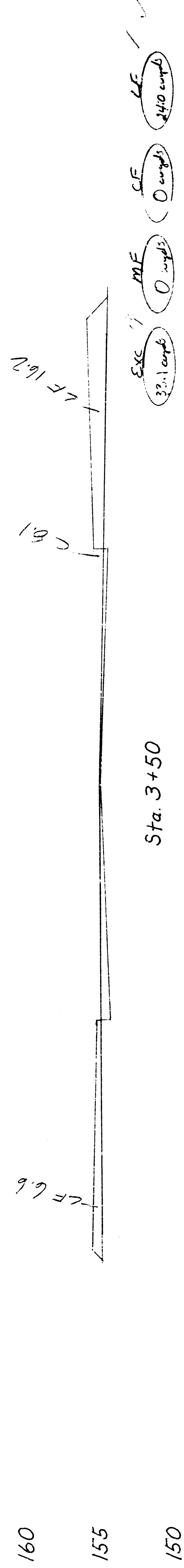
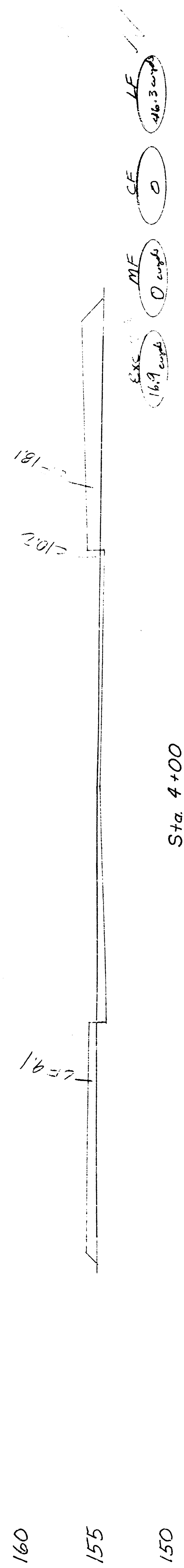
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CF 0
LF 0

Exc 511.0 CY
MF 0
CF 0
LF 0

Exc 511.0 CY
MF 0
CF 0
LF 0

Exc 511.0 CY
MF 0
CF 0
LF 0

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AREA:

$$EXC = (50)^2 \times \pi \left(\frac{45}{360} \right) = 981.75 \text{ sq'}$$

EXC 981.75
CY 0
MF 0
CF 0
LF 0

1.143 CY
1.143 CY

160

155

Sta OE
AREA:

$$EXC = (50)^2 \times \pi \left(\frac{45}{360} \right) = 981.75 \text{ sq'}$$

EXC 981.75
CY 0
MF 0
CF 0
LF 0

1.143 CY
1.143 CY

160

155

Sta OD
AREA:

$$EXC = (50)^2 \times \pi \left(\frac{45}{360} \right) = 981.75 \text{ sq'}$$

EXC 981.75
CY 0
MF 0
CF 0
LF 0

1.143 CY
1.143 CY

160

155

Sta OC
AREA:

$$EXC = (50)^2 \times \pi \left(\frac{45}{360} \right) = 981.75 \text{ sq'}$$

EXC 981.75
CY 0
MF 0
CF 0
LF 0

1.143 CY
1.143 CY

160

155

Sta OB
AREA:

$$EXC = (50)^2 \times \pi \left(\frac{45}{360} \right) = 997.25 \text{ sq'}$$

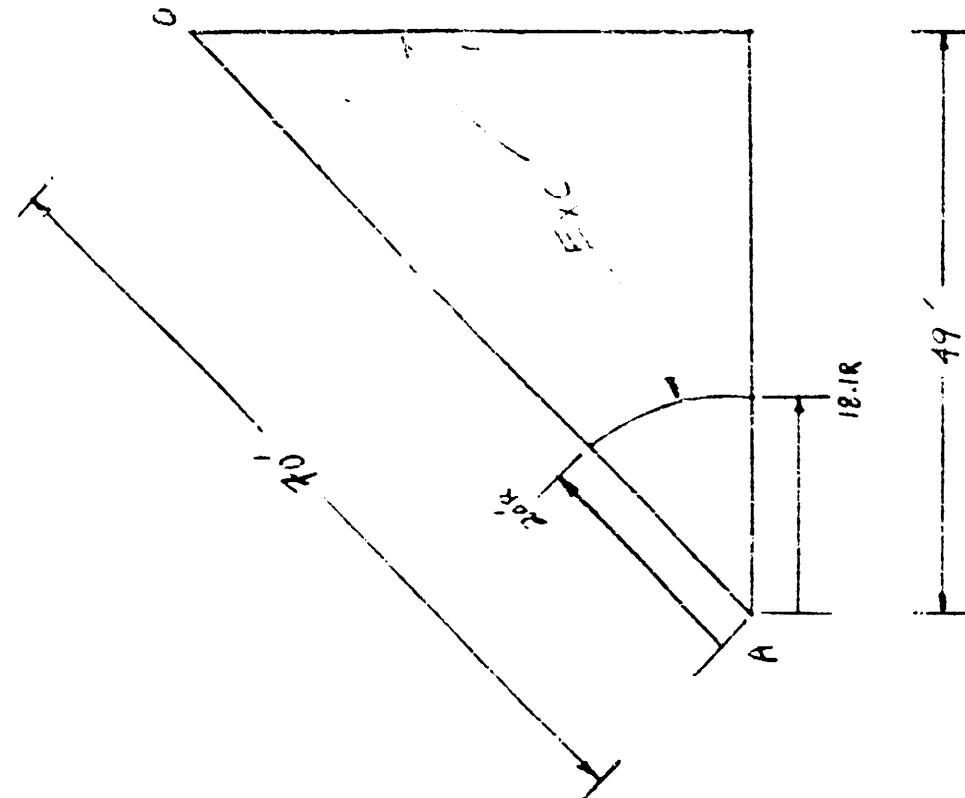
EXC 997.25
CY 0
MF 0
CF 0
LF 0

1.143 CY
1.143 CY

160

155

Sta OA



$$EXC = \left(\frac{1}{2} \times 50^2 \times \pi \left(\frac{45}{360} \right) \right) \left(0.815 \right) = 32.6 \text{ CY}$$

EXC 32.6
CY 0
MF 0
CF 0

0 10 20 30 40 50

20th Street Circle

1.143 CY

160

155

150

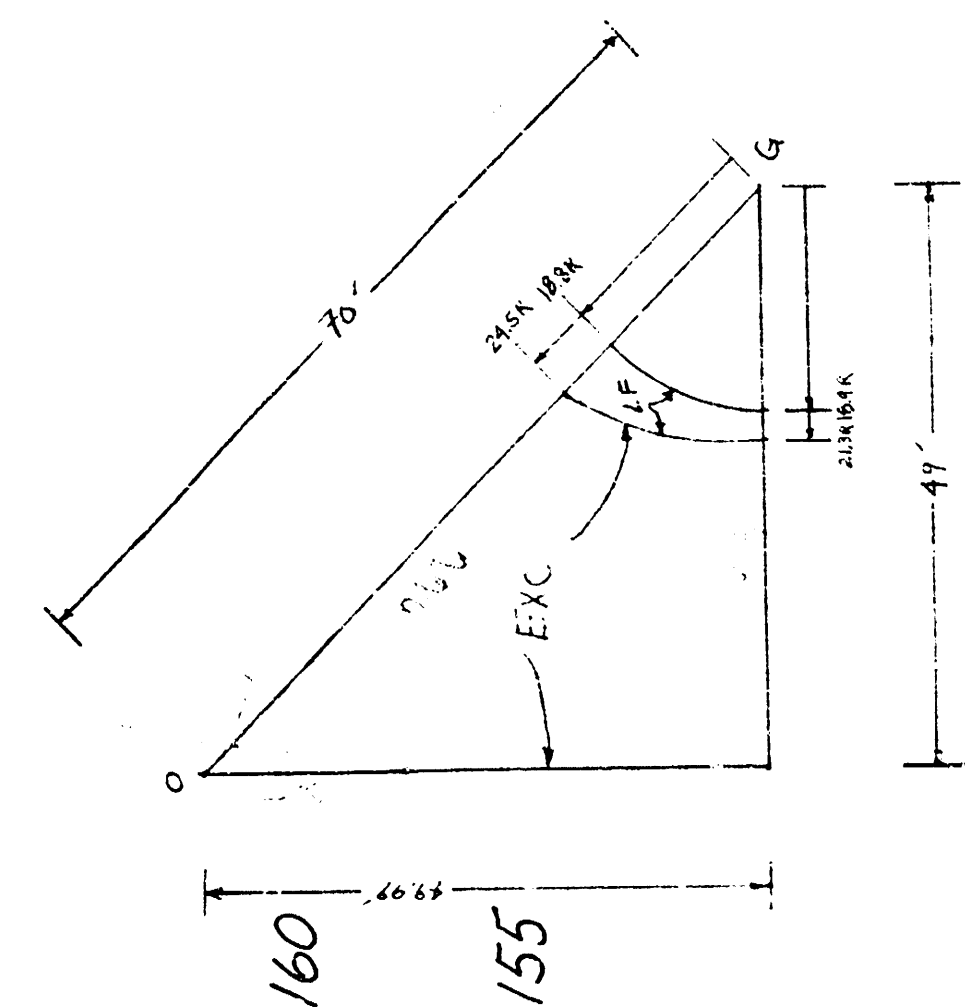
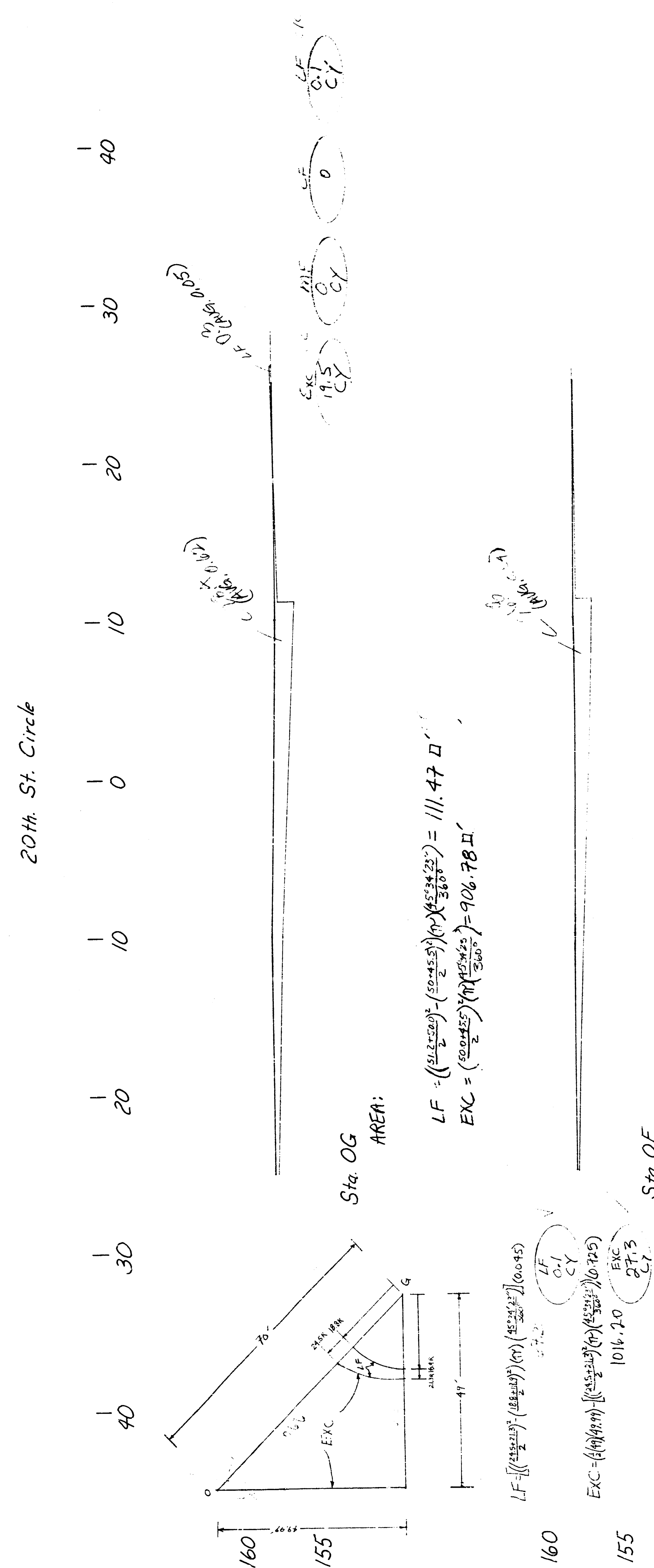
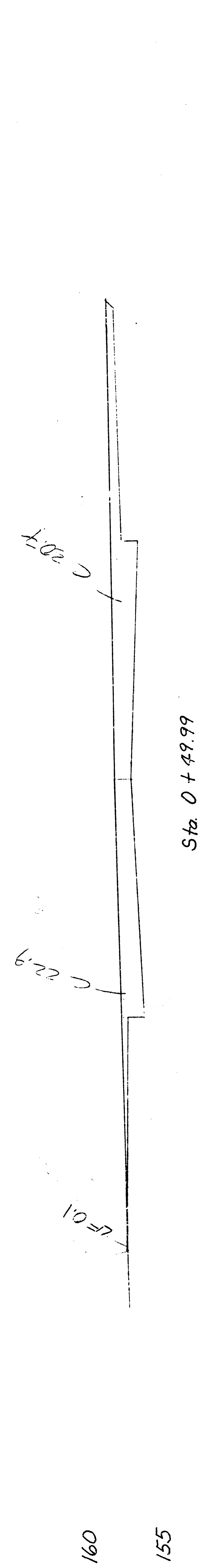
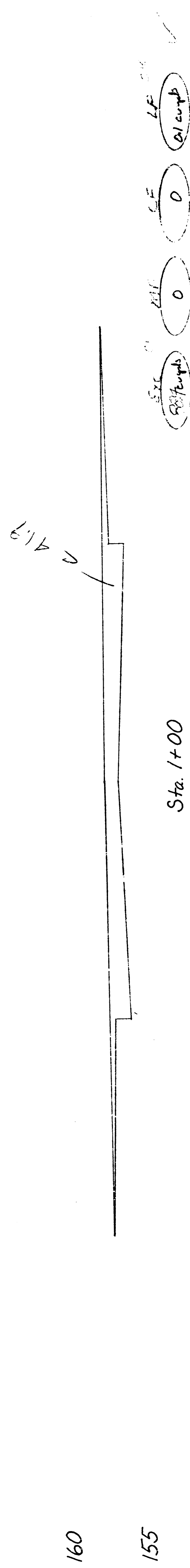
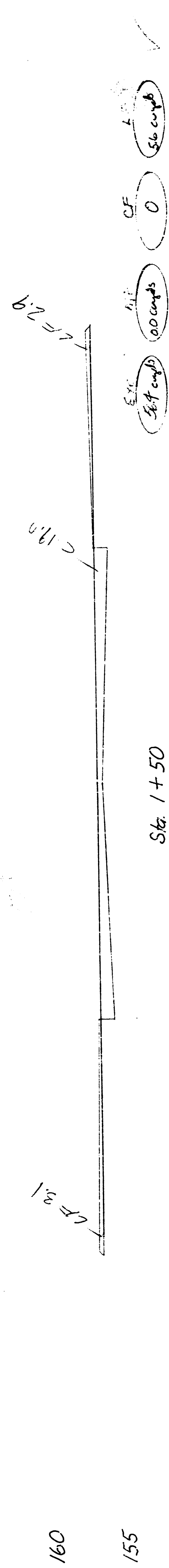
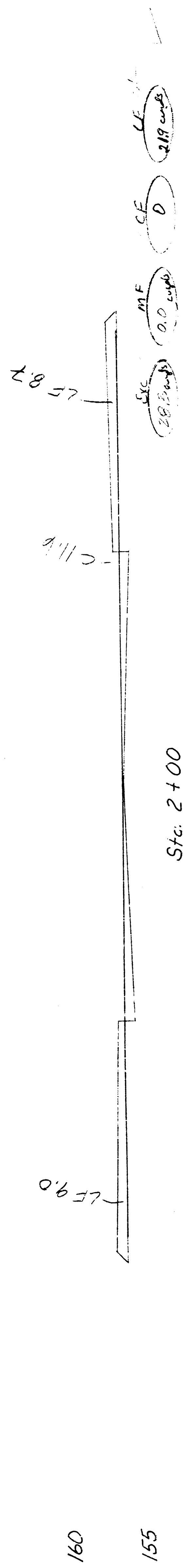
Sta. 4+10.73

EXC 1.143
CY 0
MF 0
CF 0
LF 0

Westlawn Circle

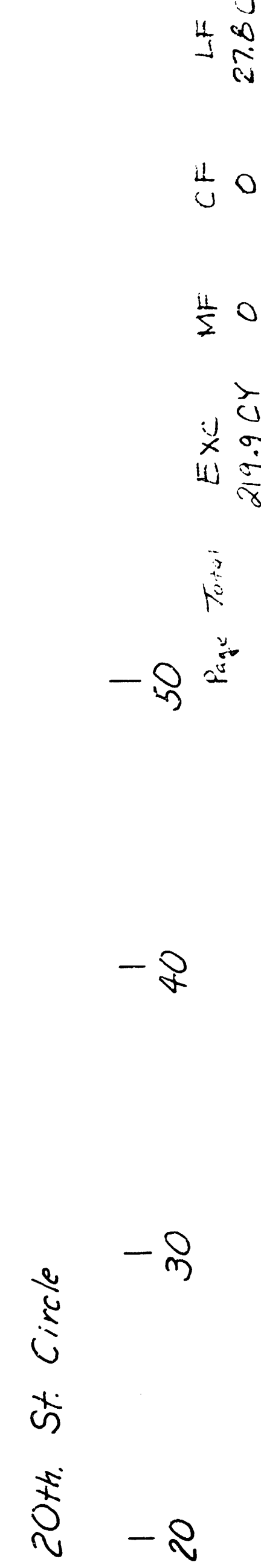
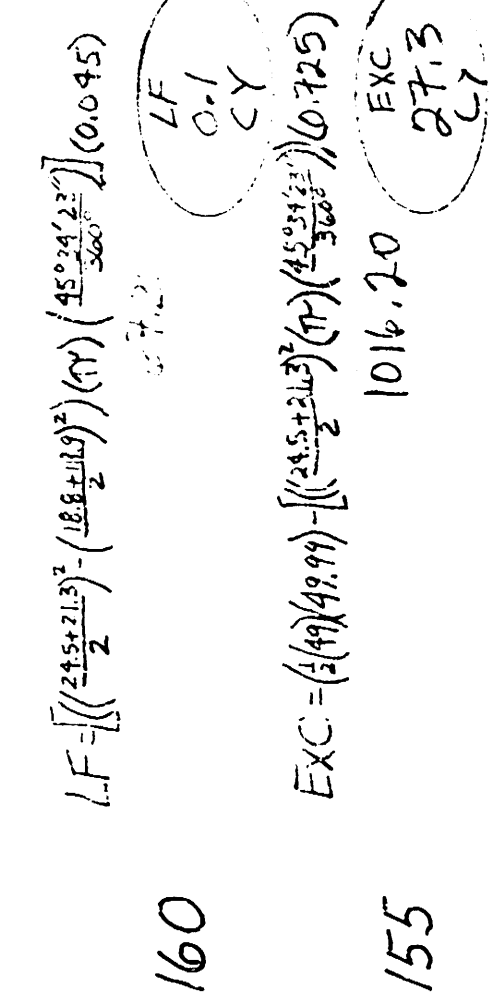
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EXC 1.143 CY 0 MF 0 CF 0 LF 0

8/13

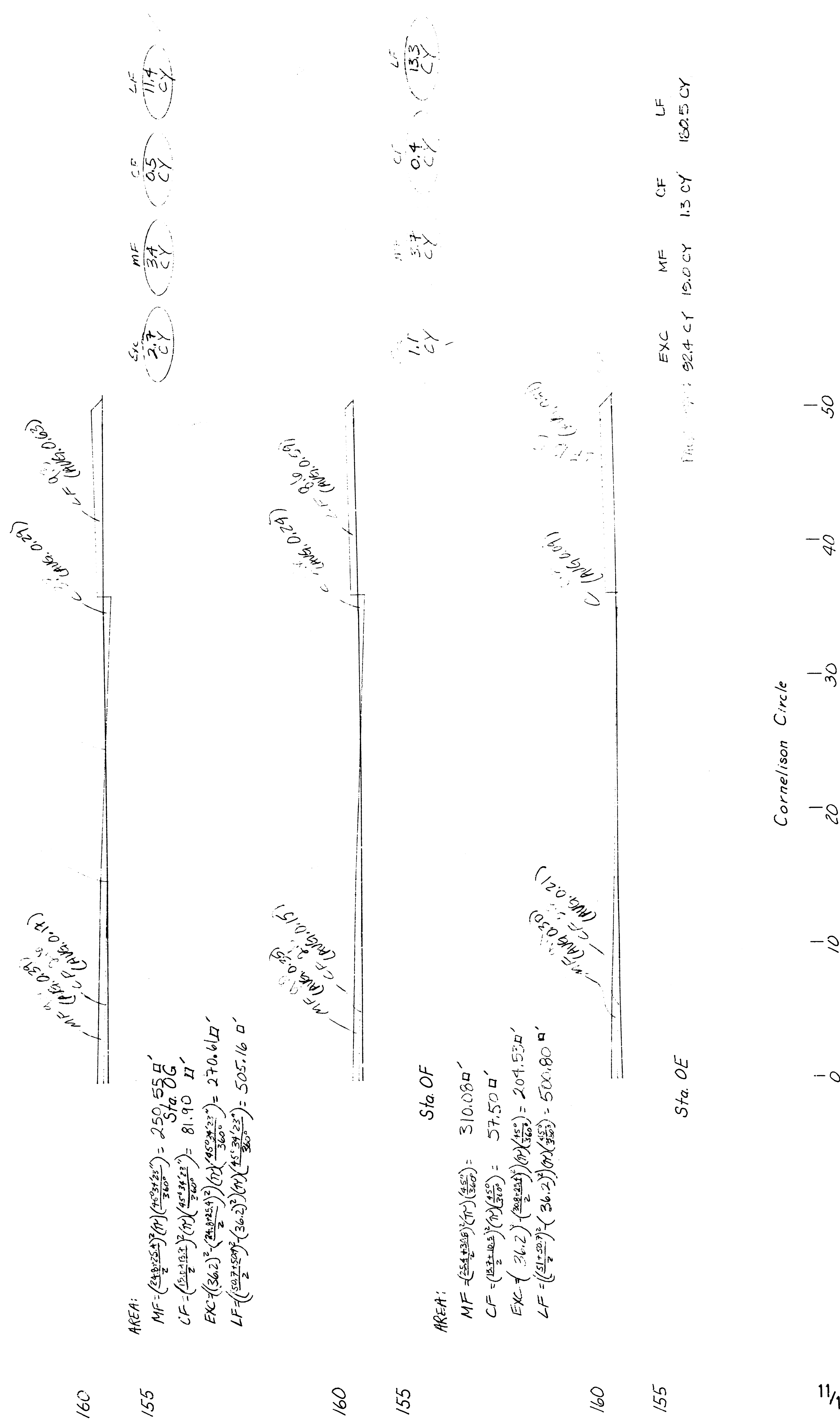
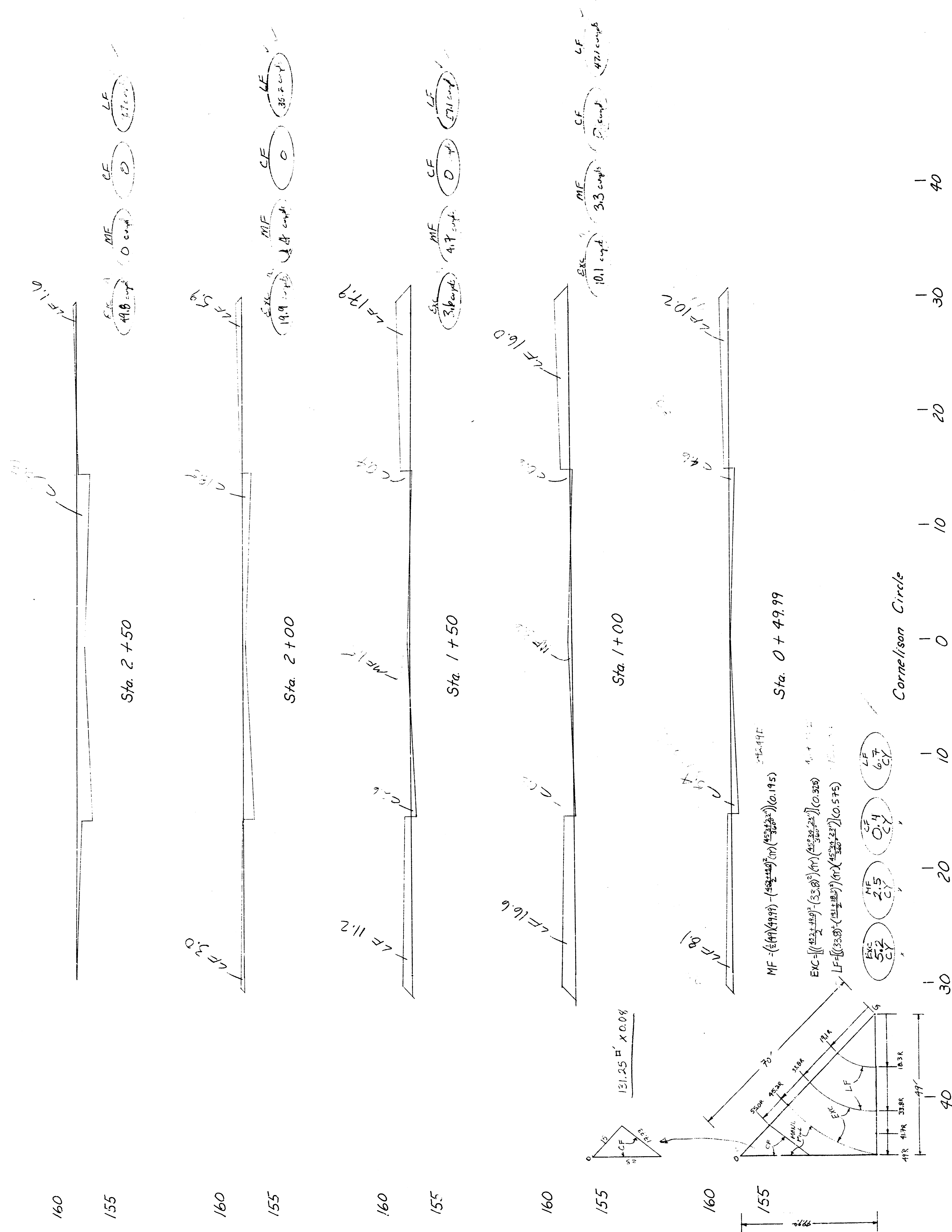


$$LF = \left(\left(\frac{61.2 \times 20}{2} \right) + \left(\frac{50 \times 45.5}{2} \right) \right) \left(\frac{1}{360} \right) \left(\frac{360}{360} \right) = 111.47 \text{ ft}$$

$$EXC = \left(\left(\frac{61.2 \times 20}{2} \right) + \left(\frac{50 \times 45.5}{2} \right) \right) \left(\frac{1}{360} \right) \left(\frac{360}{360} \right) = 906.78 \text{ ft}$$



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160

155

2 128.3

Sta. 4 + 10.73

EXC 479.4
MF 0
CF 0
LF 0

160

155

2 112.0

Sta. 4 + 00

EXC 188.5
MF 0
CF 0
LF 0

160

155

2 111.0

Sta. 3 + 50

EXC 145.1
MF 0
CF 0
LF 0

160

155

2 65.5

Sta. 3 + 00

EXC 95.3
MF 0
CF 0
LF 150.7

PAGE TOTALS	EXC 475.0 CY	MF 0	CF 0	LF 150 CY
PROJECT TOTALS	EXC 2552.5 CY	MF 39.1 CY	CF 3.8 CY	LF 411.4 CY

Cornellison Circle

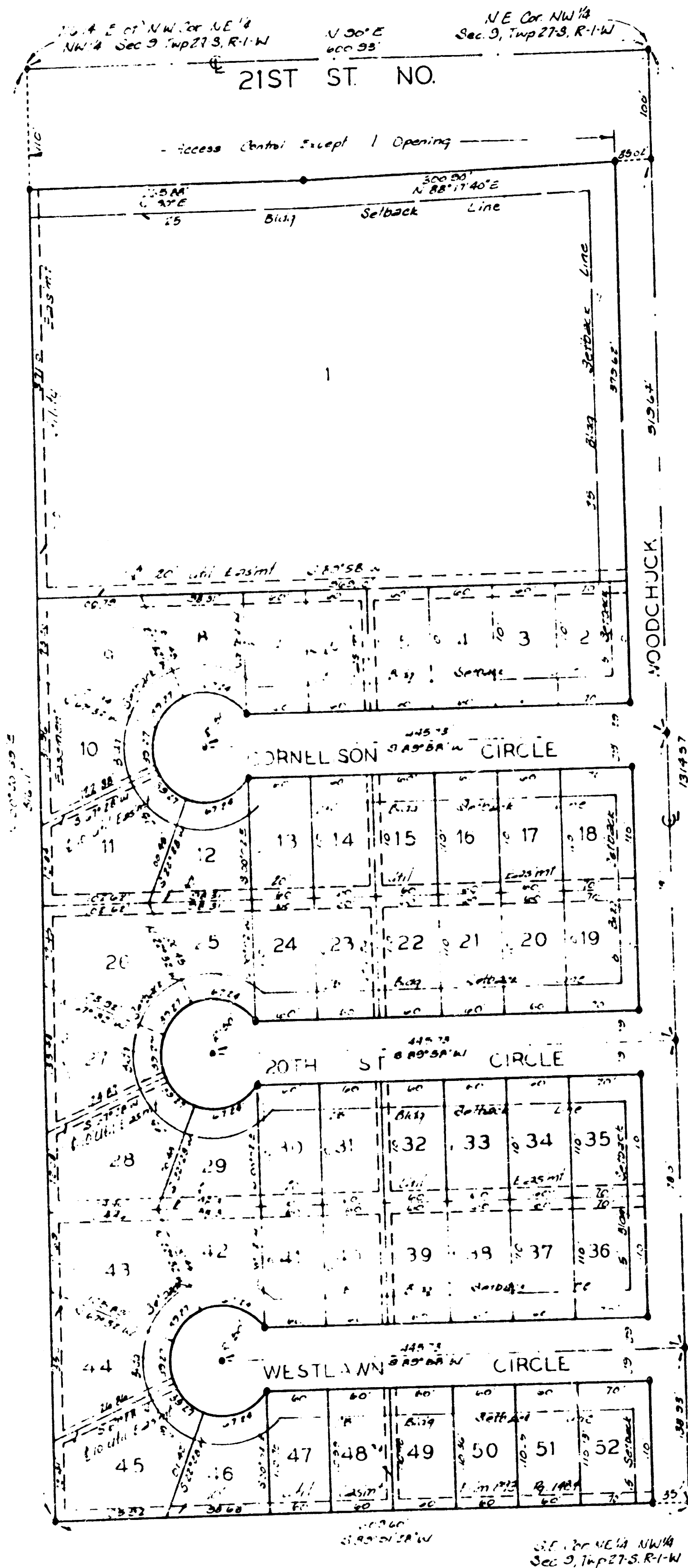
40 30 20 10 0 10 20 30 40

12/13

D 5-29

WESTWIND 2ND ADDITION

WICHITA, KANSAS



State of Kansas ss We, Baughman Company, P.A. Surveyors in and said county and state do hereby certify that we have surveyed and platted "WESTWIND 2ND ADDITION" Wichita, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed, described as the NE 1/4 of the NW 1/4 of Sec. 3, Twp. 27-S, R-1-W of the 6th P.M., Sedgwick County, Kansas except that part described as beginning at the N.W. Corner of the NE 1/4, NW 1/4 of said Sec. 3; thence bearing N. 90° 00' 00" E. along the North line of said NW 1/4 a distance of 116.14 feet; thence bearing S. 00° 20' 39" W. a distance of 131.11 feet to a point on the South line of the NE 1/4 of said NW 1/4; thence bearing S. 89° 51' 28" W. a distance of 724.80 feet to the S.W. Corner of the NE 1/4 of said NW 1/4; thence bearing N. 00° 43' 15" E. a distance of 1318.00 feet to the point of beginning.

"Dec 1981"
Date

Baughman Company, P.A.

Mark A. Sawyer Surveyor
Mark A. Sawyer

Know all men by these presents that we, the undersigned, have caused the land described in the surveyors certificate to be platted into lots and streets to be known as "WESTWIND 2ND ADDITION" Wichita, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The streets are hereby dedicated to and for the use of the public. All abutters rights of access to or from 21st St. No. over and across the north line of lot 1 are hereby granted to the City of Wichita, provided however that lot shall have access to 21st St. No. at one point as shall be determined by the City Engineer of Wichita, Kansas.

Alla Vista Development Company, a Kansas General Partnership

Leonard E. Marotte General Partner
Leonard E. Marotte

State of Kansas ss The foregoing instrument acknowledged before me this 21st day of December 1981 by Leonard E. Marotte, General Partner of Alla Vista Development Company, a Kansas General Partnership, on behalf of the partnership.

Sandra K. Potter Notary Public
Sandra K. Potter

My Appt. Exp. 12/31/83

This plat of "WESTWIND 2ND ADDITION" Wichita, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas. Dated this 11th day of December 1981. Wichita-Sedgwick County Metropolitan Area Planning Commission

John Terry Moore Chairman
Martin S. Krow Secretary

This plat approved and all dedications shown hereon accepted by the Board of Commissioners of the City of Wichita, Kansas, this 11th day of December 1981.

Robert A. Knight Mayor
John T. Lett Deputy Mayor

Entered on transfer record this 11th day of December 1981.

Don Wright Clerk
Don Wright

State of Kansas ss This is to certify that the plat of "WESTWIND 2ND ADDITION" Wichita, Kansas, was filed for record in the office of the Register of Deeds for Sedgwick County, Kansas, on February 23, 1982, Book 231, Page 11.

Ed Mena Register
Ed Mena

982715

We, the undersigned, do hereby certify that the mortgage on the above described property was filed for record in the office of the Register of Deeds for Sedgwick County, Kansas, on February 23, 1982, Book 231, Page 11.

Federal Deposit Insurance Corporation as receiver for Boulevard State Bank
John T. Lett Receiver

State of Kansas ss The foregoing instrument acknowledged before me this 21st day of December 1981 by Federal Deposit Insurance Corporation, on behalf of the corporation.

S.G. Erwin Notary Public
S.G. Erwin

My Appt. Exp. 12/31/83

PLAT COPY

BAUGHMAN COMPANY, P.A.					Sheet: 13
SURVEYING & ENGINEERING					
315/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211					Sheet: 13
Design:	Drawn:	Approved:	Date:	Scale:	
Project Number:					

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