

STREET IMPROVEMENTS
FOR
THE NETT PARK ADDITION

**GREENFIELD CIRCLE: From the west line of Yosemite to
and including Cul-de-sac**

**CARRWOOD CIRCLE: From the west line of Yosemite to
and including Cul-de-sac**

PROJECT NUMBER

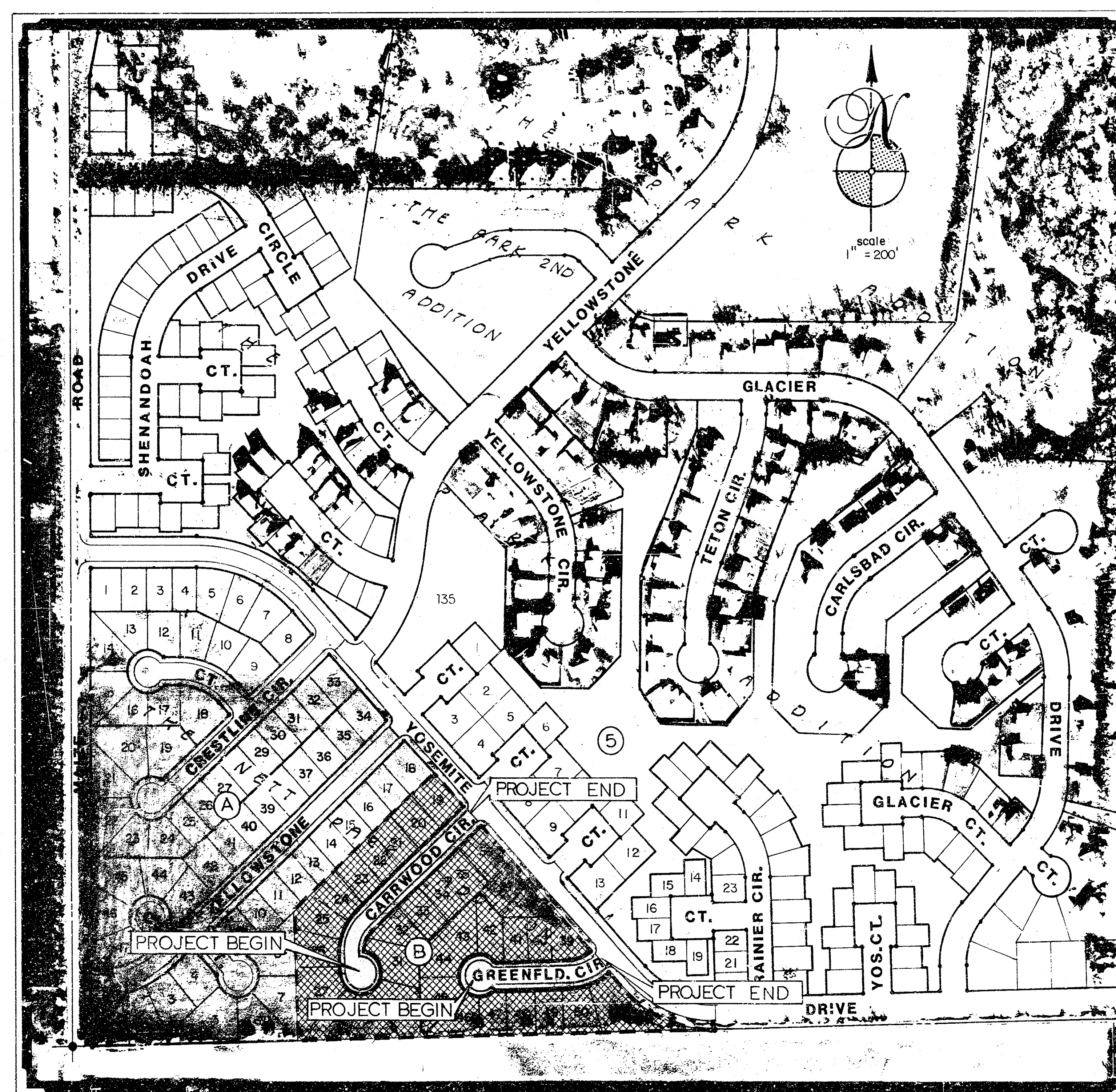
472-76-245-81614-000-000-001

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. 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.
3. 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 or a licensed professional engineer in accordance with state laws.
4. No more than 10 drives 80 feet in width, or equivalent combinations thereof, are to be constructed with this project.
5. Contractor shall contact Gaylan Nett (942-2062) for driveway locations and for locations to deposit excess excavation material.

BENCHMARKS

- 1) Square cut in top of curb, south side of Yosemite, near the S.E. corner of lot 11, block B, The Nett Park Addition (see plan sheet 2). Elevation = 135.15
- 2) City disc at Maize Road and 27th Street South, 25 feet east and 4 feet south of quarter section corner
Elevation = 145.54 City Datum
- 3) City disc at the SE Corner, NW 1/4 of Section 5-28-1W
Elevation = 128.38 City Datum



• **PHASE ONE** •

☐ BENEFIT DISTRICT

THE CITY of WICHITA, KANSAS

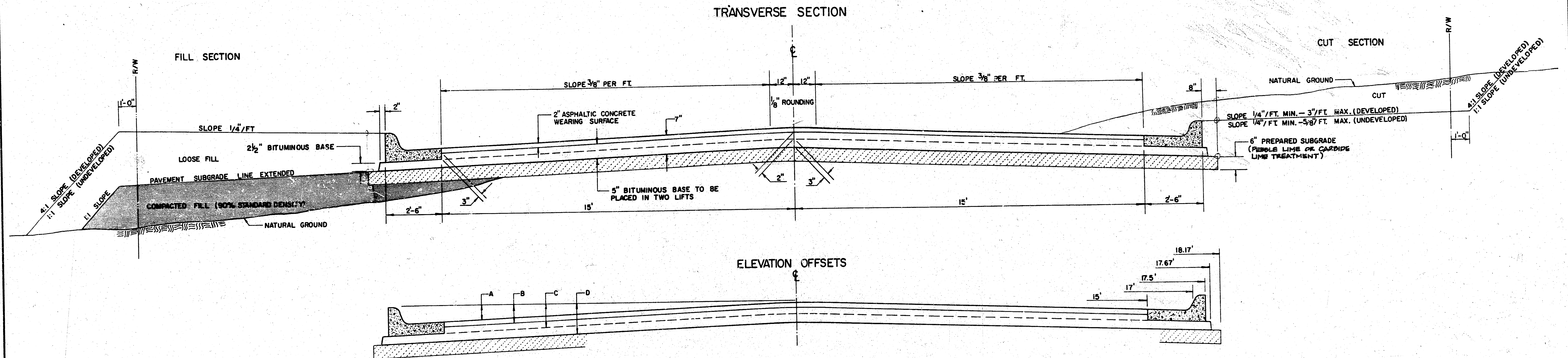
MICHAEL E. LINDEBAK
CITY ENGINEER

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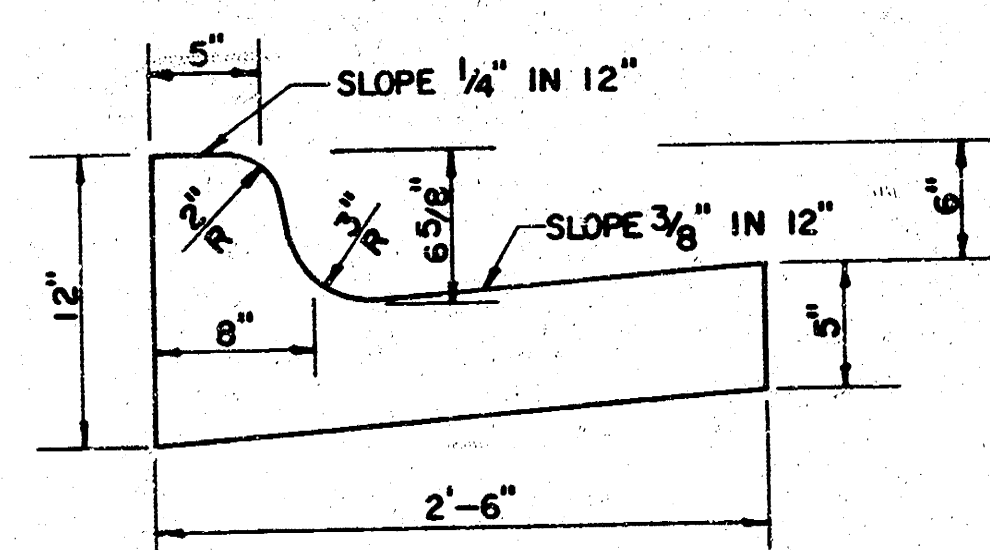
BAUGHMAN COMPANY, P.A.				6/2/87
SURVEYING & ENGINEERING				
315262-7271 • 315 ELLIS • WICHITA, KANSAS 67211				
Drawn:	Checked:	Approved:	Date:	Scale:
N.B. Wooten	R.J.P.		April, 1987	1" = 20'

TYPICAL 35' PAVEMENT DETAILS

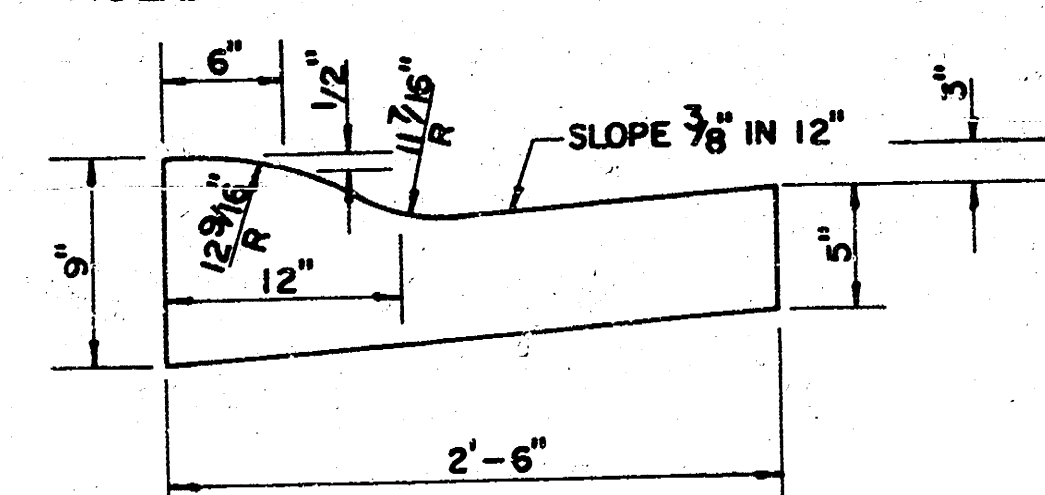


	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	8.5'	10'	12'	14'	15'	17'	17.5'	17.67'	18.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.04	0.08	0.14	0.21	0.29	0.33	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.21	0.25	0.31	0.37	0.45	0.50	0.56	0.62	0.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.37	0.43	0.50	0.57	0.67	0.72	0.79	0.87	0.90	0.98	1.00	1.00	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.62	0.67	0.74	0.81	0.90	0.95	1.02	1.08	1.12	1.19	1.21	1.21	1.23

COMBINED CURB & GUTTER



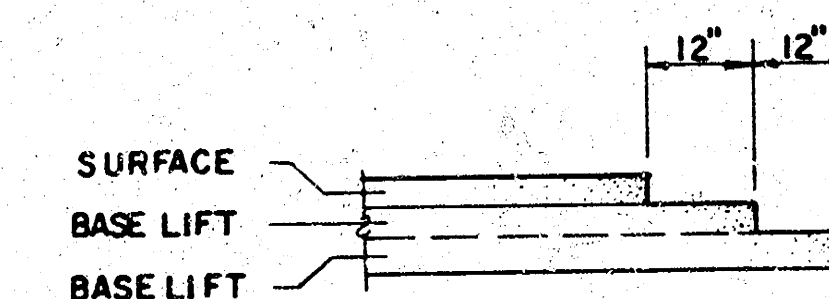
ROLL TYPE COMBINED CURB & GUTTER



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.

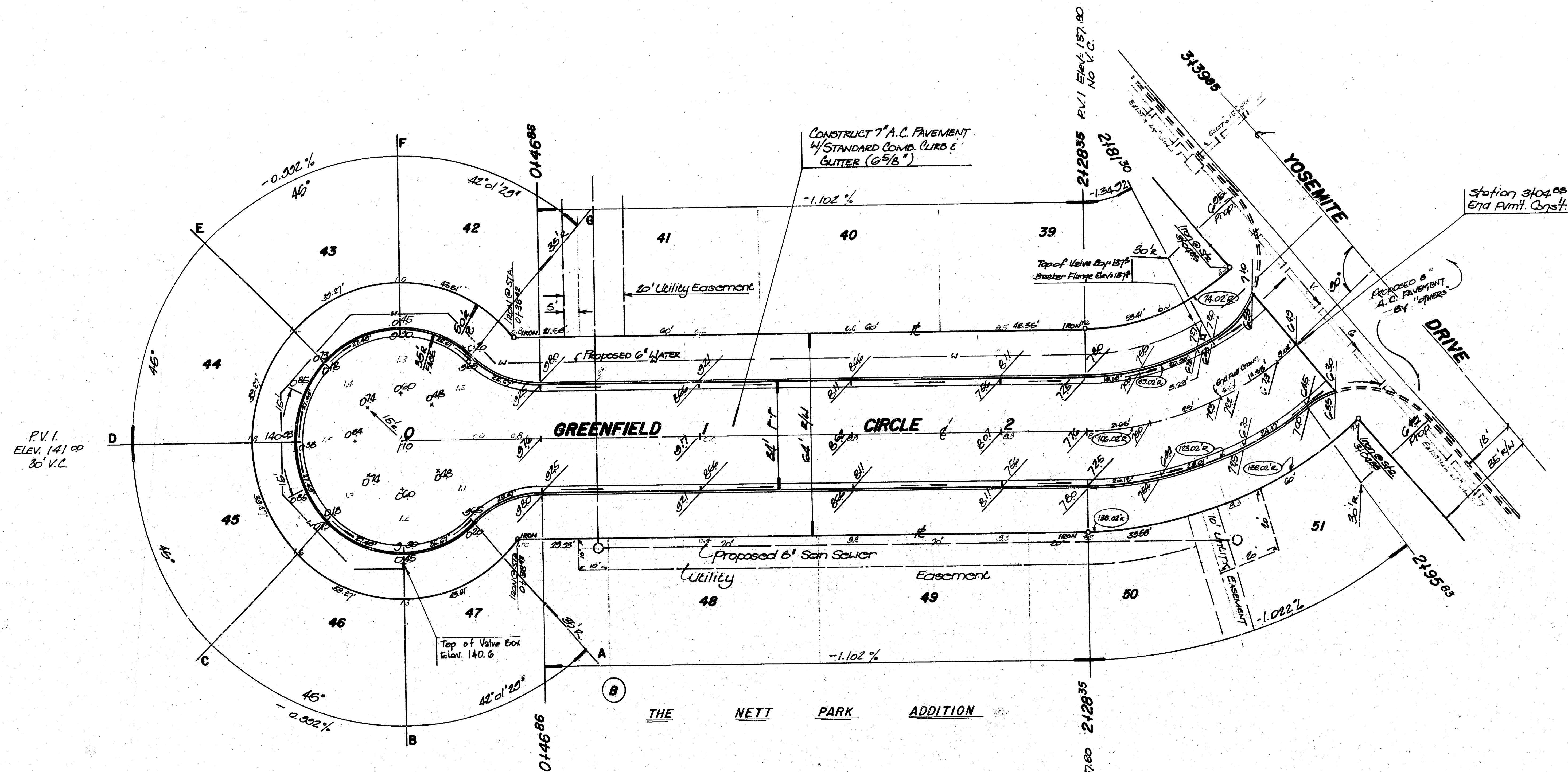
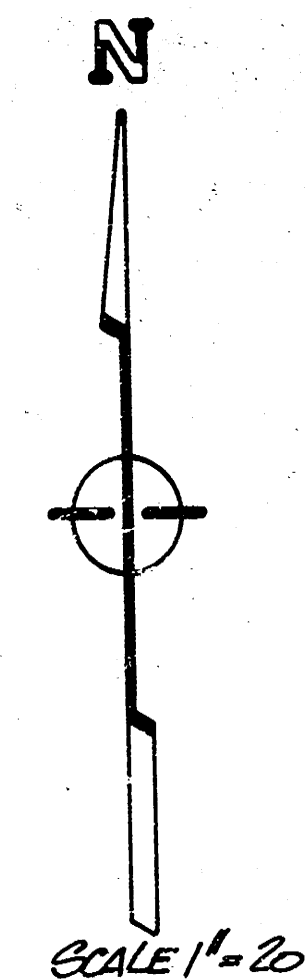
TRANSVERSE CONSTRUCTION JOINTS



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
472-76-245-81614-000-000-001

- PROJECT BENCH MARKS
- 1) Square cut in top of curb, south side of Yosemite, near the S.E. corner of lot 41, block 8, The Nett Park Addition (see plan sheet 2). Elevation = 135.19
 - 2) City diac at Maine Road and 27th Street South, 25 feet east and 4 feet south of quarter section corner. Elevation = 145.54 City Datum
 - 3) City diac at the SE Corner, NW 1/4 of Section 5-28-14. Elevation = 128.38 City Datum



Earthwork Summary
 Excavation 2853.9 cy. Loose Fill 27 cy.
 +10% 285.0 cy.
 Total 3144.5 cy. No Compacted Fill
 Subgrade Manipulation 3863.0 sq.

Curve Data Based on Center Line.

R=106.02 Δ=41°20'33" Arc=74.50 Lc=74.85 Tan=60.00 Defl Pt=16.21842 Min.					
Station	Arc	Chord B't. P.C.	Chord B't. P.T.	Defl. Δ	Total Defl. Δ
2128 ^{PC}	—	—	—	—	—
2150	21.65	16.51	26.71	5°51'00"	5°51'00"
2175	25	19.06	32.82	6°45'19"	12°36'19"
2191 ^{PT}	6.30	4.81	—	1°42'08"	14°18'27"
2195 ST	14.53	—	26.70	3°25'34"	18°14'01"
3104 ST	3.02	17.36	11.15	2°26'14"	20°40'15"

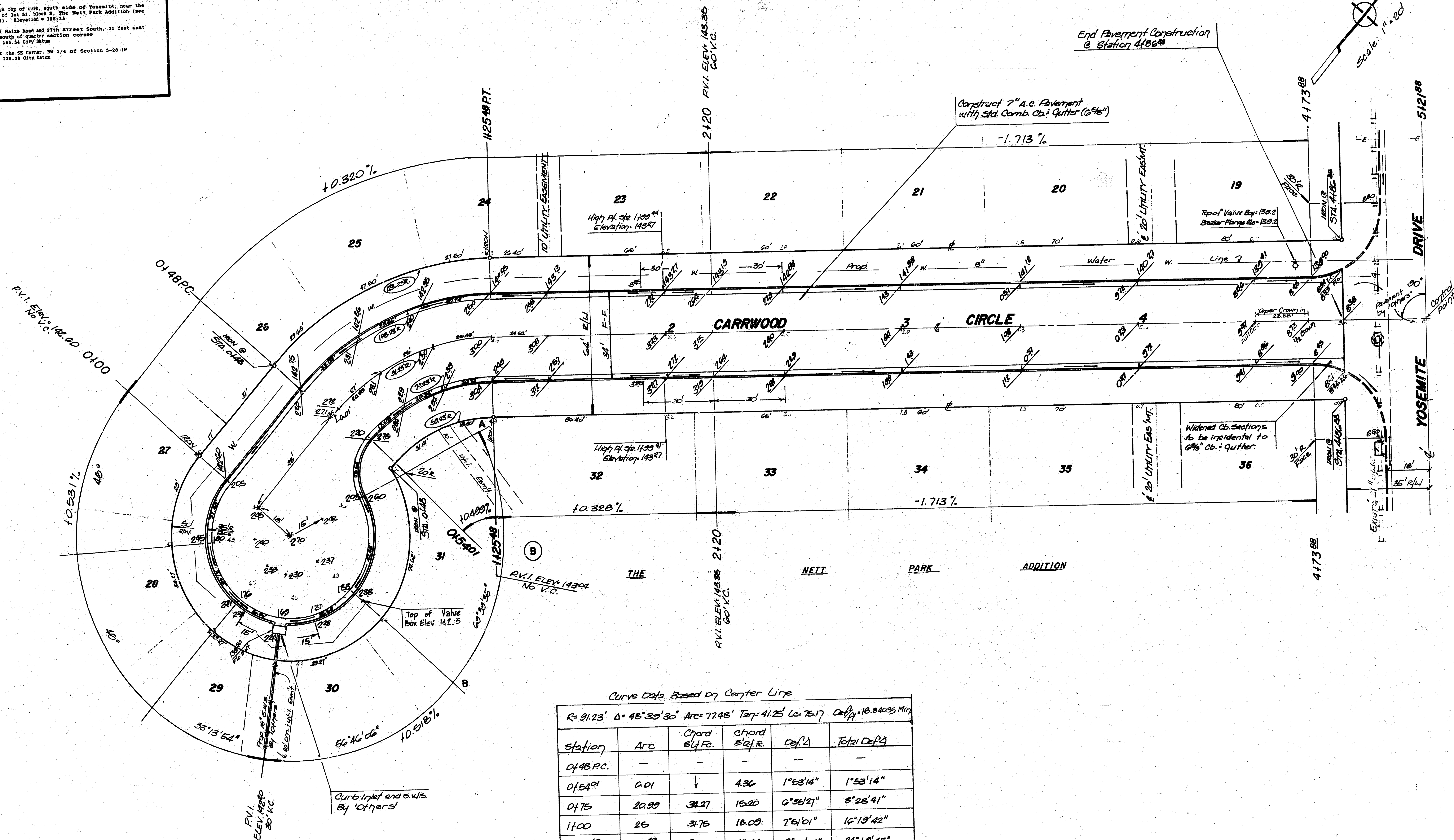
472-76-245-81614-000-000-001
GREENFIELD CIRCLE
 STA. 0+00 to STA. 3+04.85

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 SURVEYING & ENGINEERING
 316262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Design: N.B. Woodson Drawn: A.J.P./c.s. Approved: Date: April, 1987 Scale: 1"=20'

Sheet 3
 of 7

- PROJECT REPORT MARKS
- 1) Square cut in top of curb, south side of Yosemite, near the S.E. corner of lot 31, block B. The Mett Park Addition (see plan sheet 2). Elevation = 125.15
 - 2) City disc at Main Road and 27th Street South, 25 feet east and 4 feet south of quarter section corner. Elevation = 140.94 City Datum
 - 3) City disc at the SE corner, NW 1/4 of Section 2-28-1W. Elevation = 128.38 City Datum



LEGEND

- IRON
- LOT LINE
- WATER LINE
- SANITARY SEWER
- STORM SEWER
- K&E LINES

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CARRWOOD CIRCLE

STA. 0+00 to STA. 4+68.88

BAUGHMAN COMPANY, P.A.

SURVEYING & ENGINEERING

315 262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Prepared N.B. Nodden

Drawn R.J.P. 10.5

Checked TCR

Date April 1, 1987

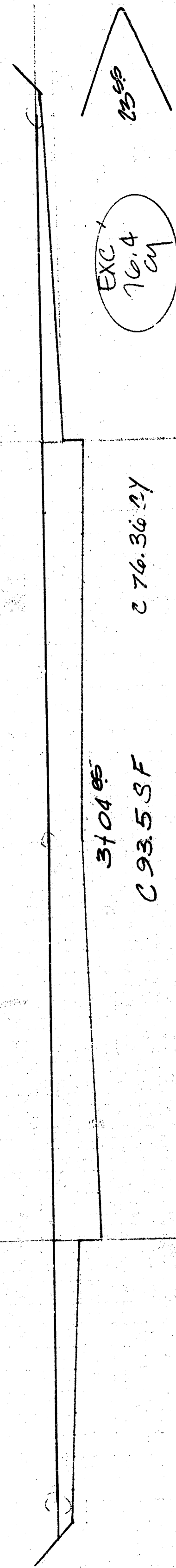
Scale 1" = 20'

4/7

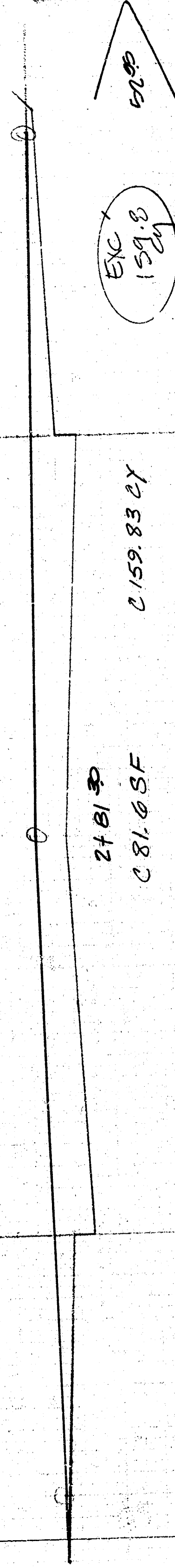
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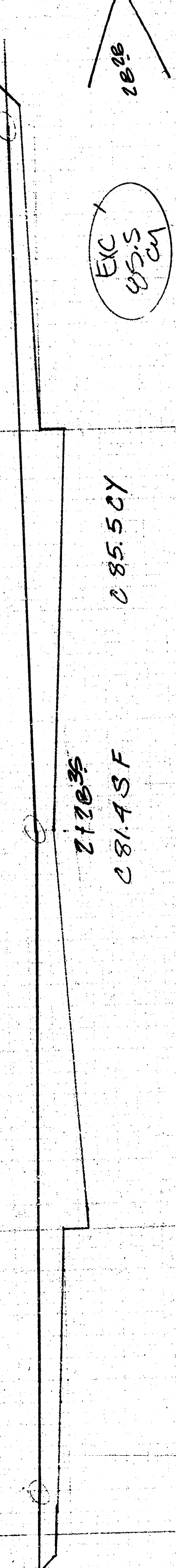
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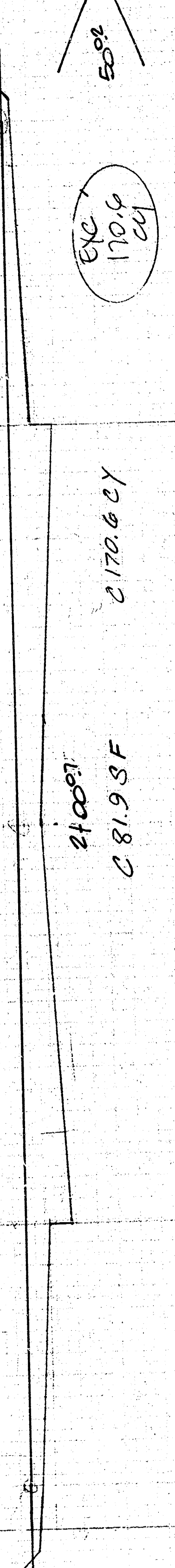
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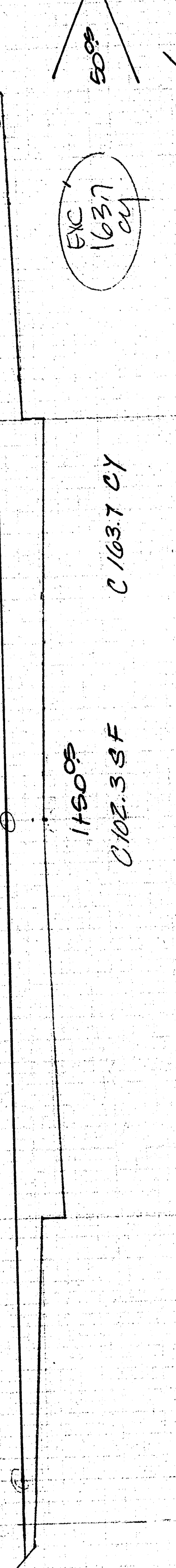
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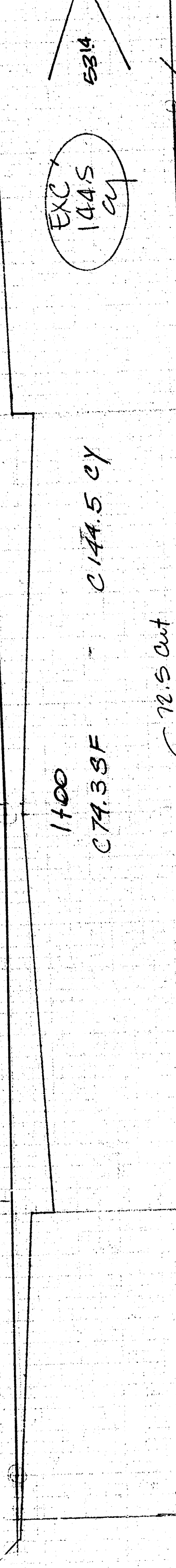
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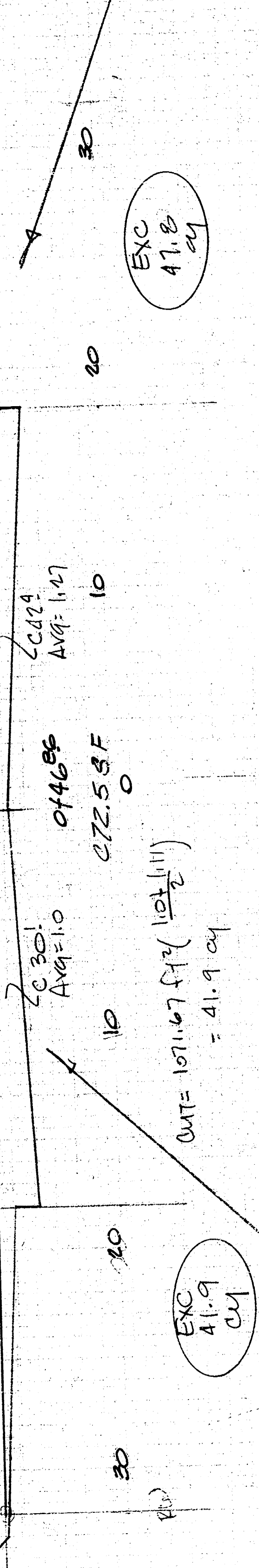
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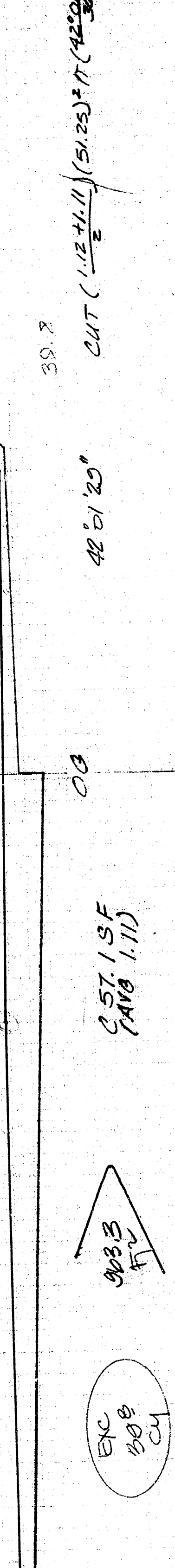
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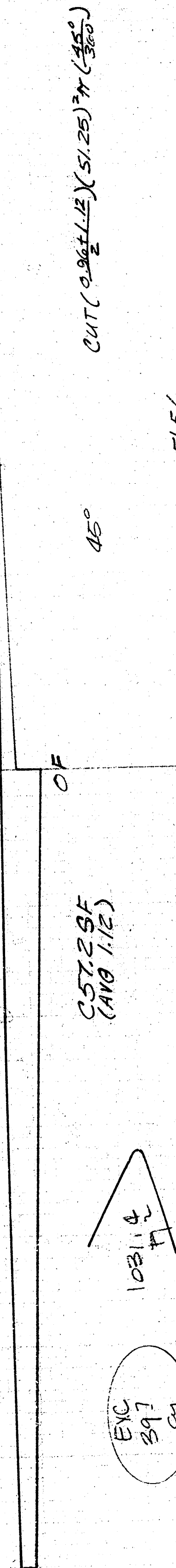
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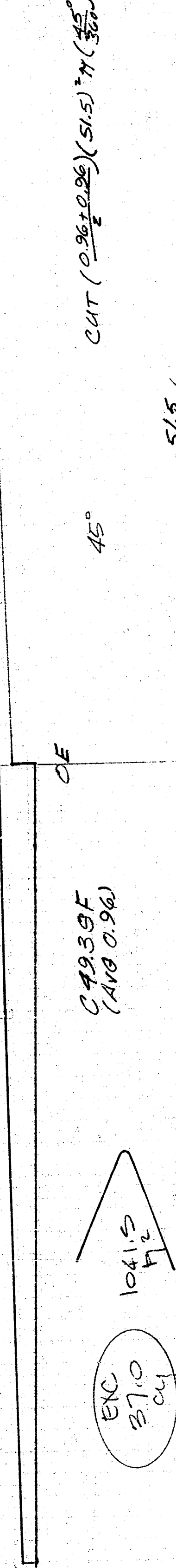
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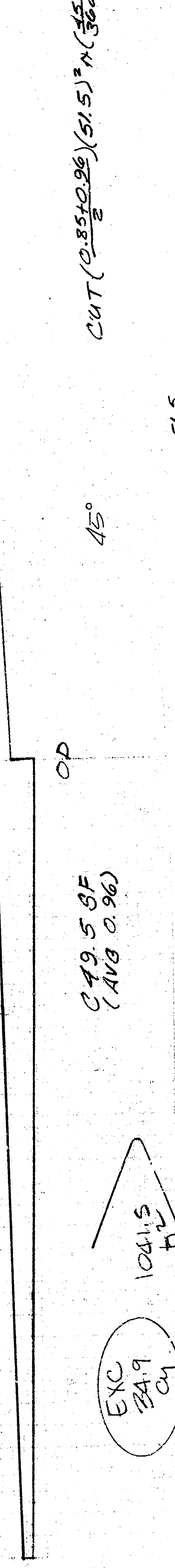
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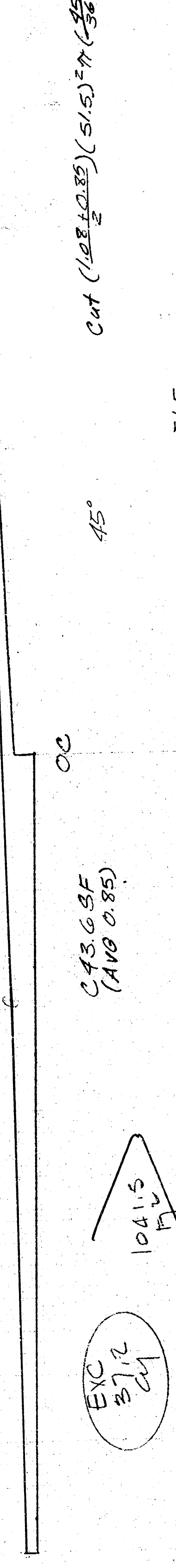
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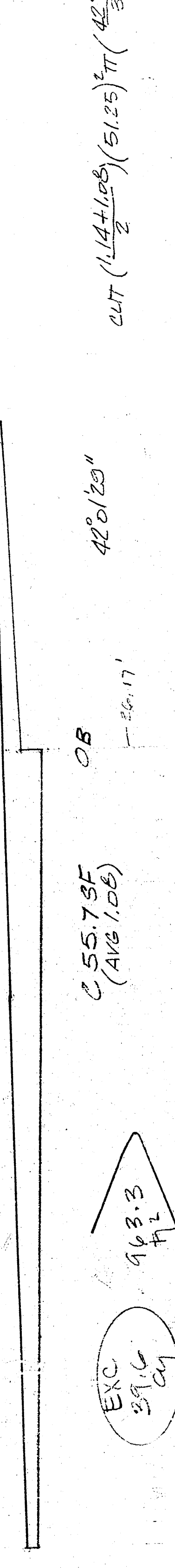
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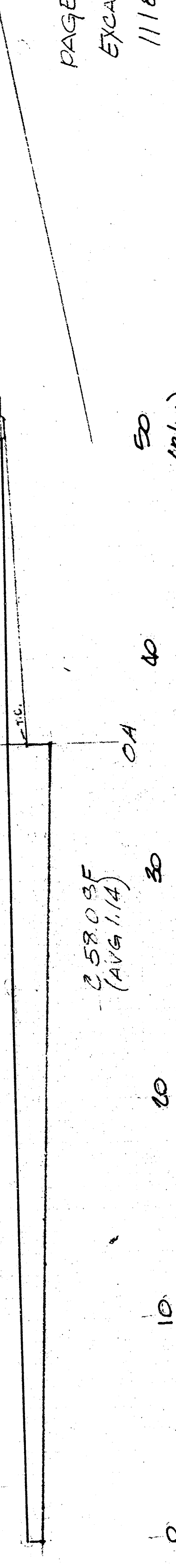
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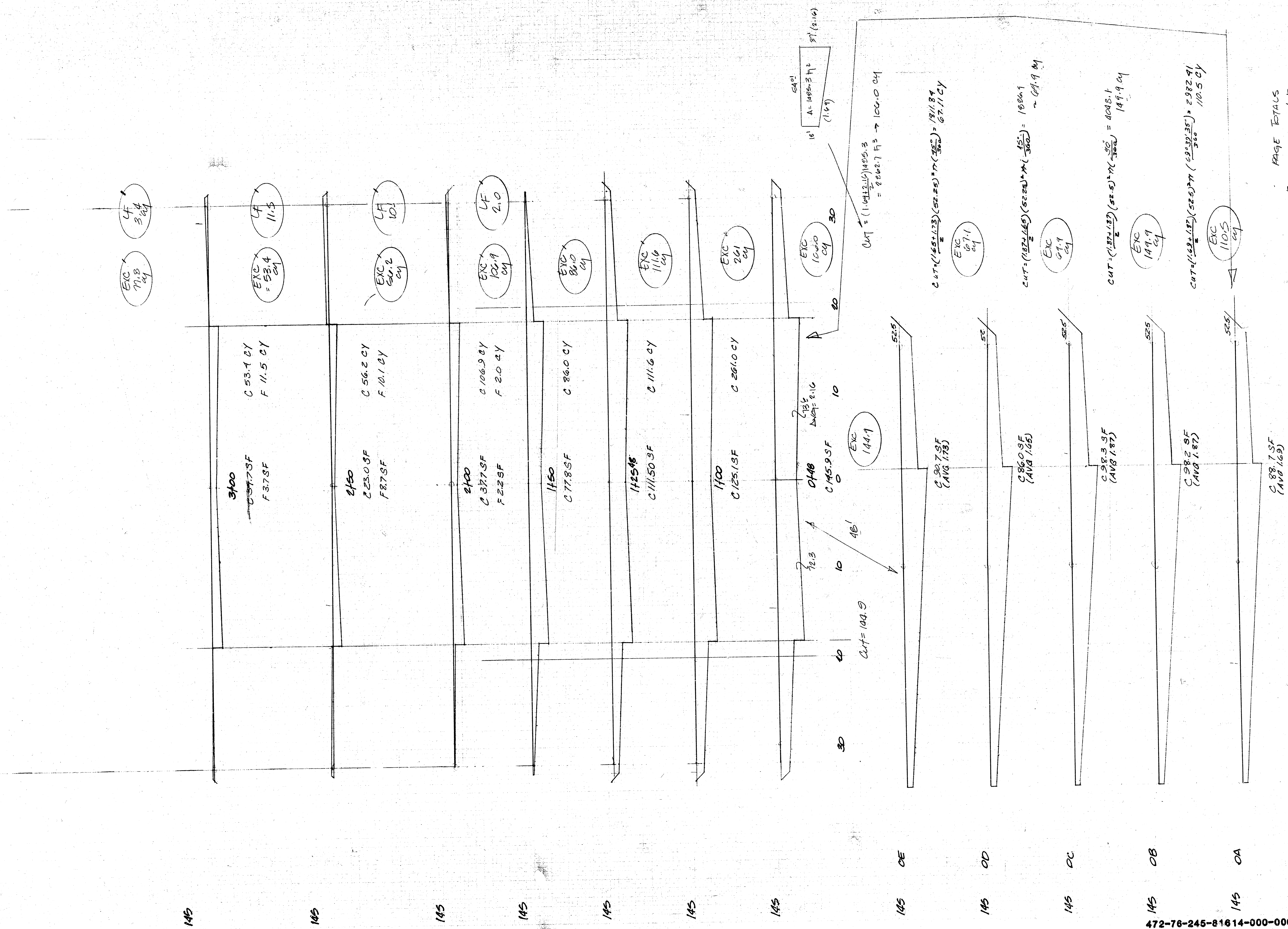


140



140





EARTHWORK TOTALS
 EXC. 1101.2
 LF 27.0
 27.0

PAGE TOTALS
 EXC. 1101.2
 LF 27.0

CAREWADO CIRCLE

