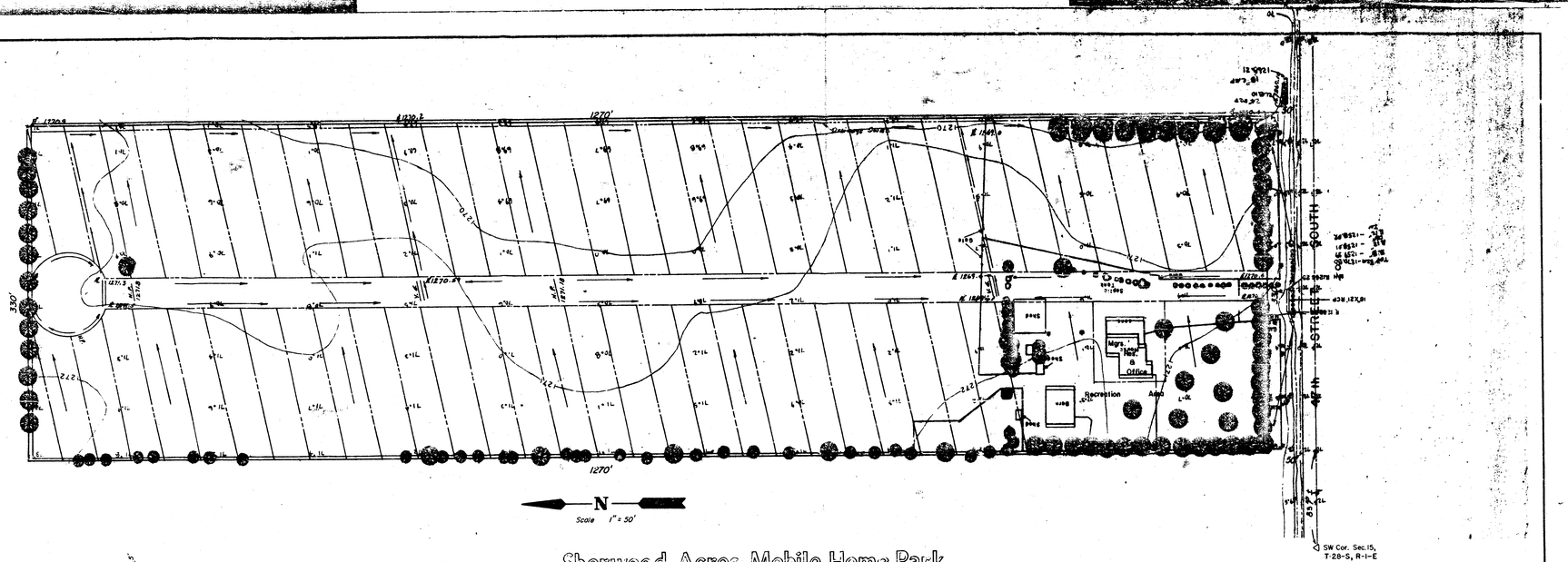
SHERWOOD ACRES MOBILE HOME PARK
(Drainage)

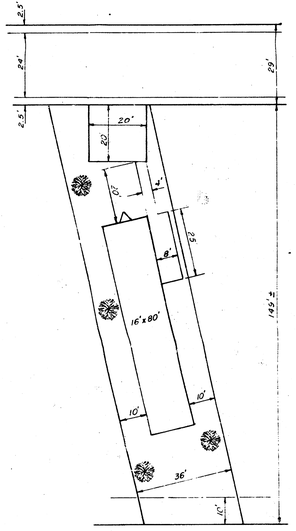


Sherwood Acres Mobile Home Park
DRAINAGE PLAN

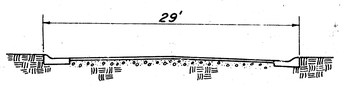
Total Available Acerage	10
Mobile Home Sites	60
Density	6

LEGAL DESCRIPTION

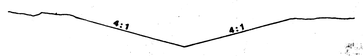
The West 10 Acres of the East 15 Acers of the Southwest Quarter of the Southwest Quarter of Section 15, Township 28 South, Range I East, of the 6th Principal Meridian, City of Wichita, County of Sedgwick, State of Kansas.



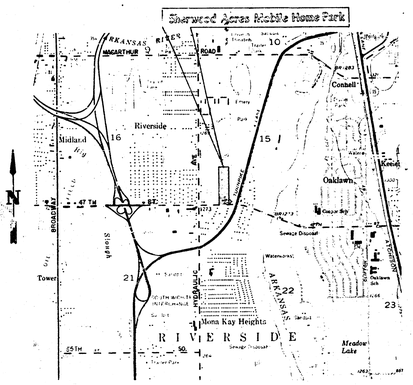
TYPICAL SITE LAYOUT
Scale 1"=20'



TYPIAL ROAD SECTION
NTS



TYPICAL SWALE SECTION
N.T.S.



LOCATION MAP

Revised March 15, 1985 Drainage Plan Added

Booker/Freund Engineers Architects Planners

SCALE	DATE	DWG. NO.
AS NOTED	OCTOBER, 1984	K-9139-01

APP. | CKD. | TR. | DR. | DES. | PLOT. | SURV.

Booker/Freund Engineers Architects Planners

Booker/Freund Associates, Inc.
111 West Douglas
Suite 412
Wichita, Kansas 67202
(316) 263-6121

"Chris Brizzendzin
City of Wichita
Engr Dept

DATE April 30, 1985
OUR PROJECT NO K-9139
PROJECT Sherwood Acres Mobile Home Park

ATTENTION

WE ARE TRANSMITTING THE FOLLOWING:
☑ HEREWITH ☐ UNDER SEPARATE COVER ☐ ORIGINAL DRAWINGS
☐ BLUE LINE PRINTS ☐ SEPIA PRINTS ☐ SHOP DRAWINGS
☐ REPORT ☐ SPECIFICATIONS ☐

QUANTITY	DRAWING NUMBER	DESCRIPTION
1	—	Drainage Calculations

☐ FOR YOUR INFORMATION ☐ PRELIMINARY ☐ RETURNED TO YOU ☐ FOR REVIEW & COMMENTS
☒ AS REQUIRED ~~AS REQUESTED~~ ☐ ISSUED ☐ DISPOSITION NOTED ☐

COMMENTS:

RECEIVED
APR 30 1985
DESIGN DIVISION

VERY TRULY YOURS,

EQUAL OPPORTUNITY EMPLOYER M/F

Booker/Freund Associates, Inc. Final Pg. No.

Proj. No. 9139 Prel. Pg. No.
Calc. NLR Date: 4/30/85
Chkd. Date:
Revised Date:

Q = CiA

43,560	=	1 ac. ft.	
16,280	=	220	
36,300	=	440	
27,225	=	330	
9,075	=	110	
7,260	=	88	
4,356	=	60	
1,815	=	25	
1295			

1295 × 60 min/hr = 119,700 a'

34,800 a'
5,026 a'
750 a'
2375 a'
142,551 SF ÷ 43,560 = 3.73 Ac.

		C	A
98		3.73	365.54
61		6.27	382.47
		10	748.11

= 75 minute hr.

I = 7
R = 10.7

Q = 21.12 cfs

Q = 21.12 cfs = 610.4

19' 23'
d=6"
d=4.5'
10'
11'