

DRAINAGE PLAN

R & L CARPENTER 3RD ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

OWNER:

WILLIAM J. OLIVER, JR
200 W. DOUGLAS
WICHITA, KANSAS 67211
(316) 265-9311

CONTRACT PURCHASER:

ROGER CARPENTER
R & L CARPENTER ENTERPRISES, L.L.C.
P.O. BOX 1207
COFFEYVILLE, KANSAS 67337
(316) 251-7720

BENCH MARK:

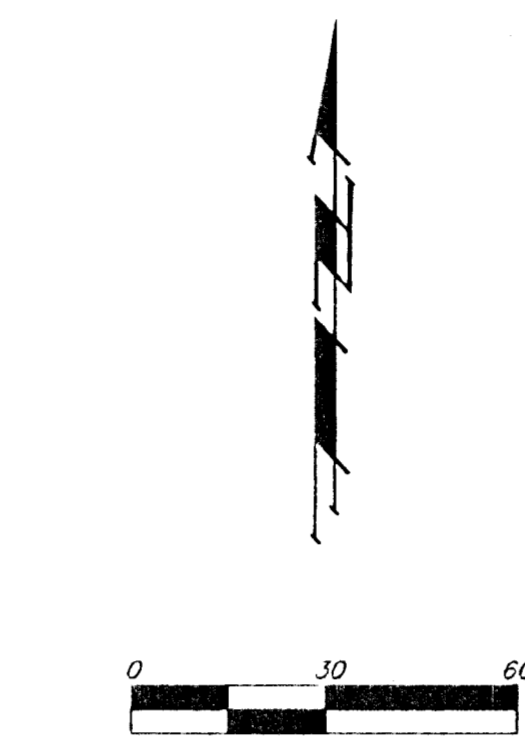
WOODLAWN AND 37TH ST NORTH
CITY OF WICHITA BENCH MARK - CITY DISC
SOUTHEAST CORNER INTERSECTION
75.1' EAST AND 56.3' SOUTH
OF CENTER LINE BOTH
ELEVATION = 183.04 (CITY DATUM)

LEGEND:

- = MEASURED DISTANCE
- (M) = MEASURED DISTANCE
- (P) = PLATTED DISTANCE
- = #4 REBAR W/ "BAUGHMAN" CAP (SET)
- = 1/2" IRON (FOUND)
- ∇ = "V" NOTCH (FOUND)
- ⊙ = 3/4" IRON IN THIMBLE (FOUND)
- ⊗ = 5/8" REBAR W/ "CARBER" CAP (FOUND)
- ⊙ = LIGHT POLE
- ⊙ = ELECTRIC BOX
- ⊙ = KVA. TRANSFORMER
- ⊙ = SIGN
- ⊙ = SANITARY SEWER MANHOLE
- ⊙ = SOUTHWESTERN BELL TELEPHONE PEDESTAL
- ⊙ = TREE

MINIMUM BUILDING PAD ELEVATION FOR LOWEST OPENING TO STRUCTURE:

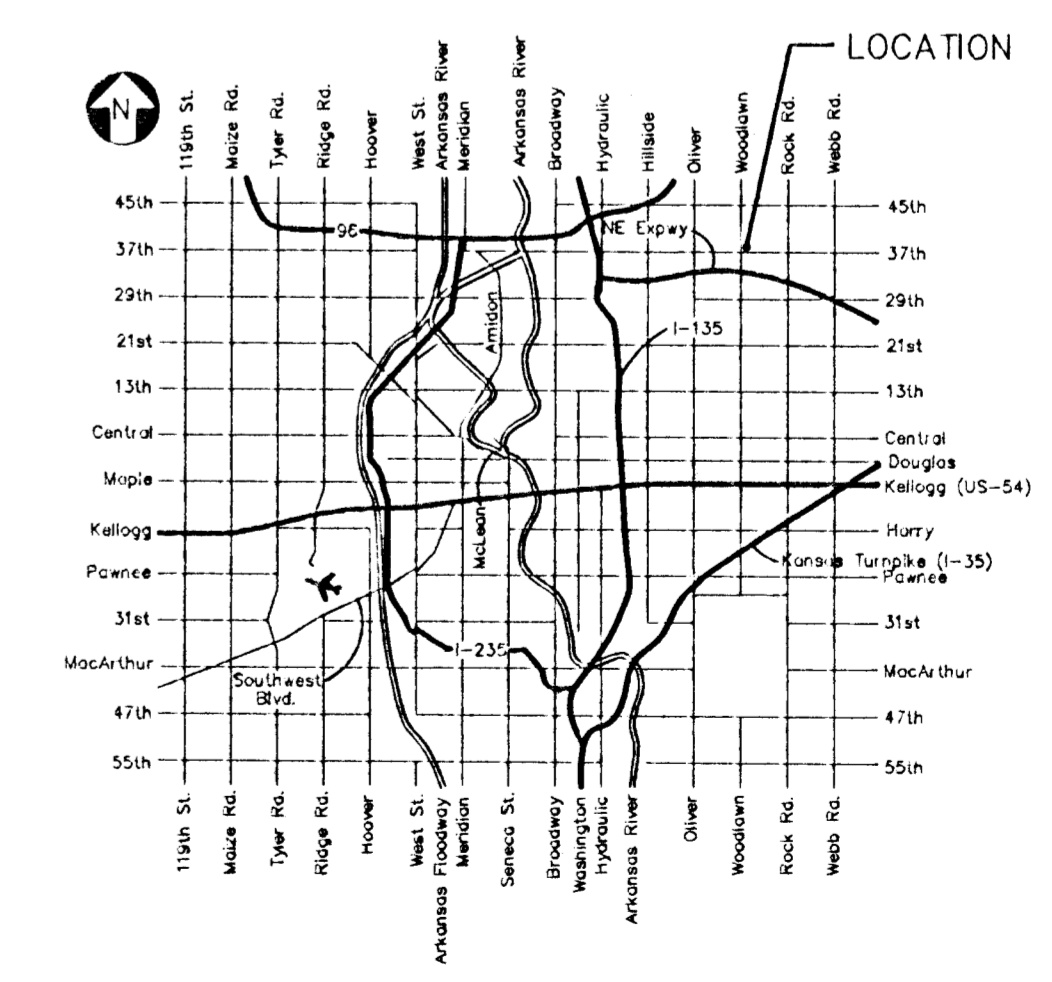
LOT(S)	ELEVATION (PER CITY DATUM)
1 & 2	173.00



Excess Runoff to be Detained in Area Shown. Allowable Release Rate Not to Exceed Flow Rate of Existing Condition. Approximate Volume Req'd = 5700 c.f.

Existing Conditions	Developed Conditions
Area = 1.7 acres	Area = 1.7 acres
Tc = 15 min.	Tc = 15 min.
C0 = 0.4	C0 = 0.9
Q1 = 2.6 cfs	Q1 = 5.9 cfs
Q10 = 3.5 cfs	Q10 = 8.0 cfs
Q100 = 5.0 cfs	Q100 = 11.3 cfs

NOTE: The proposed drainage plan provided herein is a generally defined plan to follow for design. It is recognized and assumed that upon the final design of street and storm sewer improvements within this plat that the designer will modify or alter the general drainage plan as necessary in order to implement the installation of the improvements to obtain the most economical design and construction possible.



VICINITY MAP