

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
 75.7' EAST AND 56.3' SOUTH
 OF CENTER LINE 10TH
 ELEVATION = 183.04 (CITY DATUM)

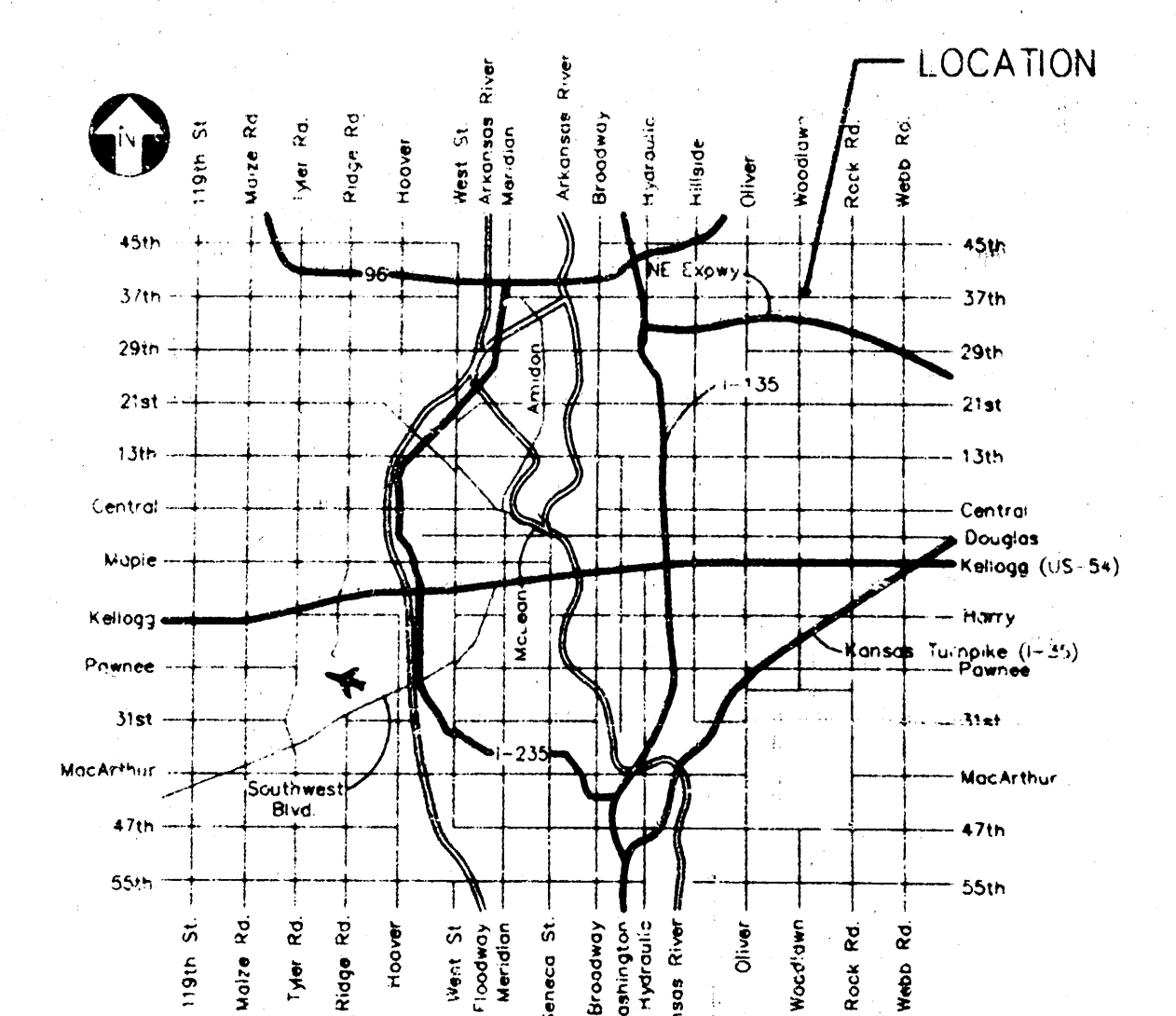
LEGEND:

- = MEASURED DISTANCE
- (M) = MEASURED DISTANCE
- (P) = PLATTEAU DISTANCE
- = #4 REBAR W/ "BAUGHMAN" CAP (SET)
- = 1/2" IRON (FOUND)
- ∇ = 1/4" NOTCH (FOUND)
- ⊙ = 3/4" IRON IN THIMBLE (FOUND)
- ⊘ = 5/8" REBAR W/ "GARB" CAP (FOUND)
- ⊞ = LIGHT POLE
- ⊞ = ELECTRIC BOX
- ⊞ = WIRE 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

Existing Conditions	Developed Conditions
Area = 1.7 acres	Area = 1.7 acres
Tc = 15 min.	Tc = 15 min.
"C" = 0.4	"C" = 0.9
Q _s = 2.6 cfs	Q _s = 5.9 cfs
Q _m = 3.5 cfs	Q _m = 8.0 cfs
Q ₁₀₀ = 5.0 cfs	Q ₁₀₀ = 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

BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING
 217 N. W. 10TH ST., SUITE 200
 WICHITA, KANSAS 67202
 (316) 265-1234

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
COTTLEVILLE, KANSAS 67337
(316) 251-7720

BENCH MARK:

WOODAWN AND 37TH ST NORTH
CITY OF WICHITA BENCH MARK - CITY DISC
SOUTHEAST CORNER INTERSECTION
15.7' EAST AND 56.3' SOUTH
OF CENTER LINE BOTH
ELEVATION = 183.64 (CITY DATUM)

LEGEND:

- MEASURED DISTANCE
- (M) = MEASURED DISTANCE
- (P) = PLATTED DISTANCE
- = #4 REBAR W/ "BAUGHMAN" CAP (SET)
- = 1/2" IRON (FOUND)
- ∇ = 1" NOTCH (FOUND)
- ⊙ = 3/4" IRON IN CHIMNEY (FOUND)
- ⊗ = 5/8" REBAR W/ "BAUGHMAN" 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

Existing Conditions	Developed Conditions
Area = 1.7 acres	Area = 1.7 acres
Tc = 15 min.	Tc = 15 min.
"C" = 0.4	"C" = 0.9
Qs = 2.6 cfs	Qs = 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.

