

DRAINAGE PLAN WHEATLAND COMMERCIAL ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

D.A. = 0.9 ac.
Existing Conditions:
TC = 4.0 min.
C_s = .40
Q_s = 1.4 cfs
Q₁₀₀ = 2.4 cfs
Developed Conditions:
TC = 15 min.
C_s = .85/.91
Q_s = 3.5 cfs
Q₁₀₀ = 6.0 cfs

D.A. = 1.5 ac.
Existing Conditions:
TC = 20 min.
C_s = .40
Q_s = 2.4 cfs
Q₁₀₀ = 3.9 cfs
Developed Conditions:
TC = 15 min.
C_s = .85/.91
Q_s = 5.8 cfs
Q₁₀₀ = 10 cfs

D.A. = 2.8 ac.
Existing Conditions:
TC = 20 min.
C_s = .40
Q_s = 4.5 cfs
Q₁₀₀ = 7.3 cfs
Developed Conditions:
TC = 15 min.
C_s = .85/.91
Q_s = 11 cfs
Q₁₀₀ = 19 cfs

DATE OF TOPOGRAPHY: JANUARY 25, 2001
DATE OF PREPARATION: FEBRUARY 12, 2001
CONTOUR INTERVAL = 1 FOOT

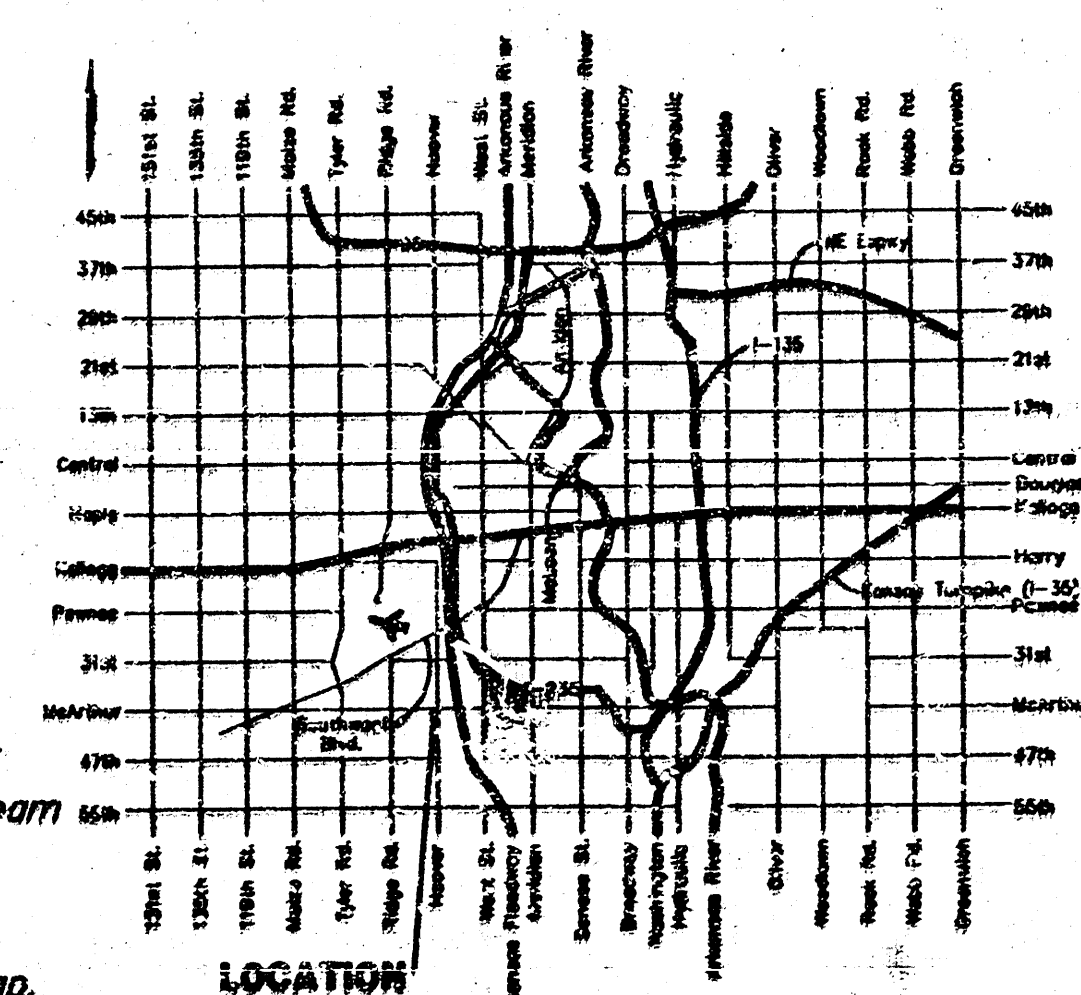
OWNER:
Gray Development, Inc.
204 N Woodchuck
Wichita, Kansas 67212
Phone 316-722-4778

LEGAL DESCRIPTION:
A tract situated in the NE 1/4 of Sec. 15, Twp. 28-S, R-1-W of the 6th P.M., Sedgwick County, Kansas, beginning at the NE corner of said Sec. 15; thence south along the east line of said NE 1/4, a distance of 647.99 feet; thence west at an included angle of 90°00'00", a distance of 588.97 feet; thence north parallel with the east line of said NE 1/4, a distance of 641.67 feet to a point in the north line of said NE 1/4; thence east 600.00 feet to the point of beginning, subject to road rights-of-way of record, EXCEPT that part of the NE 1/4 of Sec. 15, Twp. 28-S, R-1-W of the 6th P.M., Sedgwick County, Kansas described as follows: beginning at the NE corner of said NE 1/4; thence west along the north line of said NE 1/4, 362.00 feet; thence south parallel with the east line of said NE 1/4, 362.00 feet; thence east parallel with the north line of said NE 1/4, 362.00 feet to a point on the east line of said NE 1/4; thence north along the east line of said NE 1/4, 360.00 feet to the point of beginning.

BENCHMARK:
City disc #160' north and 59.00' east of centerline of Hoover and MacArthur.
Elev = 121.22 City Datum

■ = #4 REBAR W/ "BAUGHMAN" CAP (FOUND)
● = #4 REBAR W/ "BAUGHMAN" CAP (SET)
⊗ = 3/4" R/W PIPE (FOUND)
○ = 1/2" R/W PIPE IN THIMBLE (FOUND)
C = MEASURED
(D) = DESCRIBED
(P) = PLATTED
(C-D) = CALCULATED PER DESCRIPTION
C/P = Cable TV Pedestal
G/A = Guy Anchor
P/M = Pipeline Marker
F/O = Sub Fiber Optics Marker
P/P = Power Pole
S/P = Sign

SMB Ped = Southwestern Bell Pedestal
C/W = Cross Wall
T/F = Transformer
M/V = Meter Valve



- DRAINAGE NOTE:**
- The Existing Soil Type per Soil Survey of Sedgwick County, Kansas is Vanasa Silty Loam and is a Hydrologic Group B.
 - This Parcel of Land is Not Located in A FEMA Flood Hazard Zone Area Per FIRM Map. (Community/ Panel Number: 200321 0200) Effective Date: June 3, 1998.
 - The Location Parking Lot Elevation Shall Be Determined By Site Specific Plan. The Required Storage Volume For Lots 1 & 2 is 0.589 ac-ft and 0.111 ac-ft respectively.