

DRAINAGE PLAN R.M.C. ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

Commencing at the S.E. Cor. of the N1/2 of the NE1/4 of Sec. 9, Twp. 27-S, R-1-W of the 6th P.M., Sedgwick County, Kansas; thence N00°14'10"W, along the east line of the N1/2 of said NE1/4, 581 feet to a place of beginning; thence S89°19'16"W, parallel with the south line of the N1/2 of said NE1/4, 300.01 feet to a point 300 feet west of the east line of the N1/2 of said NE1/4 as measured at right angles; thence N00°14'10"W, 323.46 feet to a point 410 feet south of the north line of said NE1/4 as measured at right angles; thence N69°19'27"E, parallel with the north line of said NE1/4, 300.71 feet to the east line of the N1/2 of said NE1/4; thence S00°14'10"E, along the east line of the N1/2 of said NE1/4, 323.44 feet to the place of beginning, together with that part of Barrington Place, an Addition to Wichita, Sedgwick County, Kansas, described as beginning at the S.E. Cor. of Lot 38, Block 3, in said Addition; thence N00°14'10"W, along the east line of said Lot 38, 57 feet; thence N89°19'16"E, 245.01 feet; thence S72°39'32"W, 52.31 feet; thence S89°19'16"W, 130.01 feet; thence S56°34'59"W, 77.66 feet to the point of beginning.

1" = 50'
ELEV = CITY DATUM

AREA = 0.97 ACRES
Tc = 15 MINUTES
Cs = 0.69
C100 = 0.80
15 = 4.56"/HR.
1100 = 7.37"/HR.
Q5 = 3.1 CFS
Q100 = 5.7 CFS
VIA OVERLAND FLOW
OR STORM WATER SEWER
TO CHANNEL

AREA = 0.56 ACRES
Tc = 15 MINUTES
Cs = 0.69
C100 = 0.80
15 = 4.56"/HR.
1100 = 7.37"/HR.
Q5 = 1.8 CFS
Q100 = 3.3 CFS
VIA ONE DRIVEWAY
FROM BOTH LOTS

AREA = 0.37 ACRES
Tc = 15 MINUTES
Cs = 0.69
C100 = 0.80
15 = 4.56"/HR.
1100 = 7.37"/HR.
Q5 = 1.2 CFS
Q100 = 2.2 CFS

BENCH MARK:
City of Wichita Std. Disc
61.0' E. & 66.6' N. of Intersection
of center lines of Ridge Rd. & 21st St. N.
Elev. = 142.34 (City of Wichita Datum)

ON SITE B.M.:
R.R. Spike in Power Pole
@ N.E. Cor. of Subject Property
Elev. = 144.78 (City of Wichita Datum)

GROSS SIZE
101,701 SQ. FT ±
2.33 ACRES ±

NET SIZE
83,161 SQ. FT ±
1.91 ACRES ±

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DRAINAGE PLAN R.M.C. ADDITION			
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SAVOY, RUGGLES & BOHM, P.A. ENGINEERS & SURVEYORS			
PROJECT NUMBER			
DRAWN	CHECKED	REVIEW	DATE
			7-1-06