

DRAINAGE PLAN KEY CONSTRUCTION ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

AREA = 0.34 ACRES
 $C_s = 0.85$
 $C_{100} = 0.91$
 $I_s = 4.56$ inches/hour
 $I_{100} = 7.37$ inches/hour
 $Q_s = 1.32$ cfs
 $Q_{100} = 2.28$ cfs
 $T_c = 15$ Minutes

AREA = 0.05 ACRES
 $C_s = 0.85$
 $C_{100} = 0.91$
 $I_s = 4.56$ inches/hour
 $I_{100} = 7.37$ inches/hour
 $Q_s = 0.19$ cfs
 $Q_{100} = 0.34$ cfs
 $T_c = 15$ Minutes

AREA = 0.09 ACRES
 $C_s = 0.85$
 $C_{100} = 0.91$
 $I_s = 4.56$ inches/hour
 $I_{100} = 7.37$ inches/hour
 $Q_s = 0.35$ cfs
 $Q_{100} = 0.60$ cfs
 $T_c = 15$ Minutes

AREA = 1.00 ACRES
 $C_s = 0.85$
 $C_{100} = 0.91$
 $I_s = 4.56$ inches/hour
 $I_{100} = 7.37$ inches/hour
 $Q_s = 3.88$ cfs
 $Q_{100} = 6.70$ cfs
 $T_c = 15$ Minutes

That Part of Reserve C, in Niederlander's Addition to West Wichita, Sedgwick County, Kansas, described as:

Beginning at the intersection of the South Line of Second Street extended east, and the East Line of Osage as platted in Niederlander's Addition; thence east along said South Line of Second Street, 153 feet; thence south parallel with the East Line of said Osage Street, 400 feet; thence west 153 feet to the East Line of Osage Street as platted in Niederlander's Addition to West Wichita; thence north along said East Line of Osage Street, 400 feet to the place of beginning, together with the vacated east 10 feet of Osage Street adjacent to the west.

GROSS SIZE
 65,199.73 SQ. FT. ±
 1.497 ACRES ±

NET SIZE
 65,199.73 SQ. FT. ±
 1.497 ACRES ±

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Min. Pad Elev. for lowest
 Floor = 1324 MSL

BENCH MARK:
 N. Rim of Manhole
 12' NE of NE Corner of Property
 Elev. = 110.52 (City of Wichita, Datum)
 Elev. = 1297.92 (MSL)

DRAINAGE NOTES:

WITH THE EXCEPTION OF THE PROPOSED BUILDING EXPANSION, THE SITE WILL REMAIN IN THE PRESENT CONFIGURATION.

THE DRAINAGE CHARACTERISTICS OF THE SITE WILL REMAIN IN THEIR PRESENT CONDITION. DRAINAGE FROM THE SITE DISCHARGES TO BOTH 2ND STREET AND OSAGE AVENUE, AND IS THEN INTERCEPTED BY EXISTING STORM WATER SEWERS.

SRB				SAVOY, RUGGLES & BOHM, P.A.	
ENGINEERING & SURVEYING				Chris Savoy	
DATE	12-20-95	BY	CMB	CHECKED	CMB