

DRAINAGE PLAN BOGUE ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

A tract in the South 660 feet of the East 726 feet of the NE1/4 Sec. 19, Twp. 27-S, R-1-W, of the 6th P.M., Sedgwick County, Kansas, described as follows: Commencing at a point 390 feet North of the SE Corner of the NE1/4 of said Sec. 19; thence North 270 feet; thence West 726 feet; thence South 390 feet; thence Northeasterly 735.85 feet, more or less, to the place of beginning.

EXCEPT,

A tract in the south 660 feet of the east 726 feet of the NE1/4 Sec. 19, Twp. 27-S, R-1-W, of the 6th P.M., Sedgwick County, Kansas described as commencing at the SE Cor. of said NE1/4; thence N00°00'E, along the East line of said NE1/4, 390 feet; thence S80°40'16"W, along a line which intersects the West line of said east 726 feet, said point being 270 feet north of the Southwest corner of said south 660 feet of the east 726 feet, a distance of 405.89 feet for a place of beginning; thence continuing S80°40'16"W, 329.84 feet to said point being 270 feet north of the Southwest corner of said south 660 feet of the east 726 feet; thence N00°00'E, parallel with the East line of said NE1/4, 390 feet; thence S89°56'30"E, parallel with the South line of said NE1/4, 408.37 feet; thence S21°31'01"W, 97.49 feet; thence S38°43'52"W, 131.05 feet; thence S6°01'04"W, 91.17 feet; thence S40°13'02"E, 68.78 feet to the place of beginning.

GROSS SIZE
119,630.83 SQ. FT. ±
2.746 ACRES ±

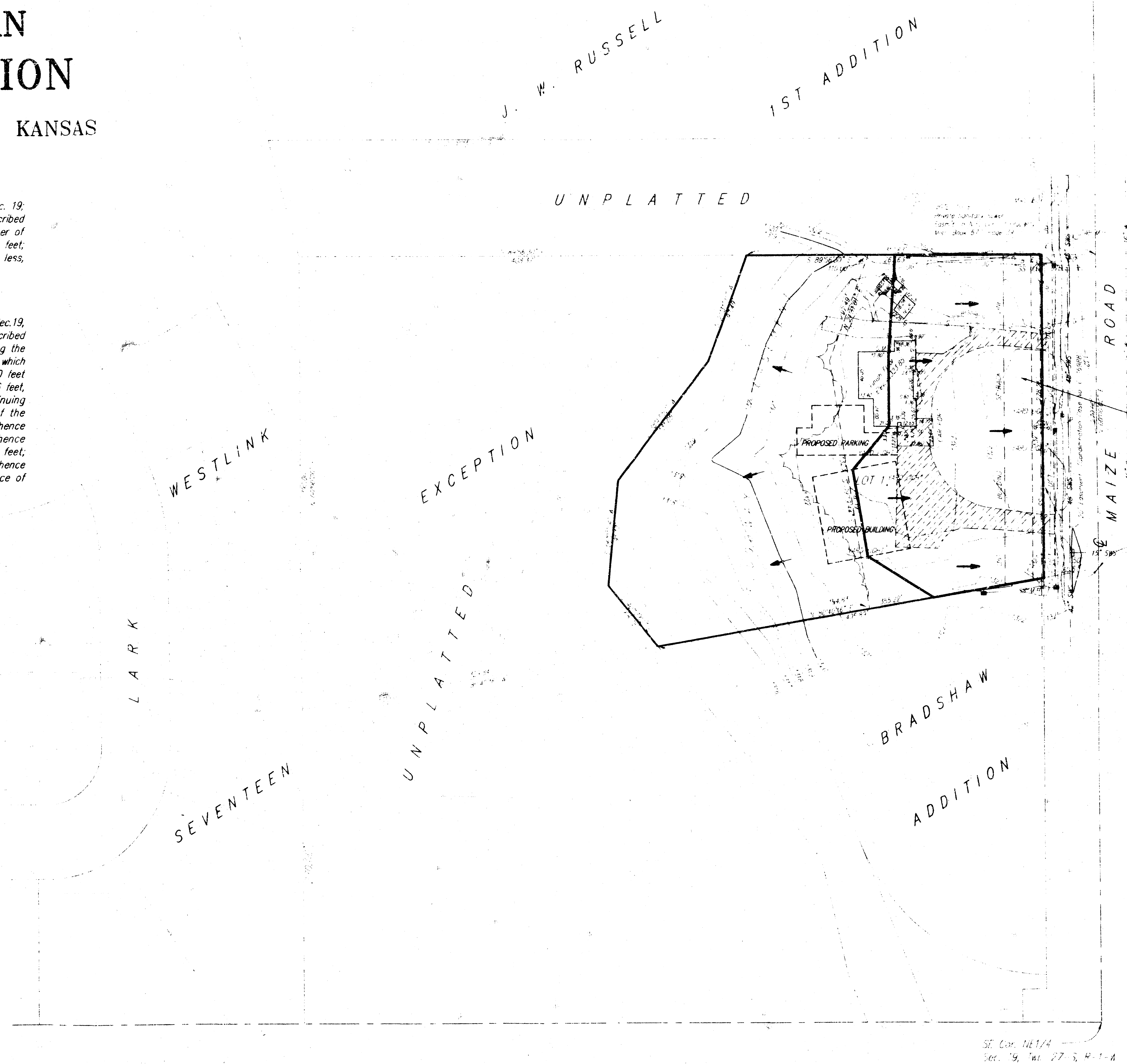
NET SIZE
105,924.31 SQ. FT. ±
2.432 ACRES ±

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Min. Pod Elev. for lowest
Floor = 1324 MSL

BENCH MARK:
Chisled "□" on top of curb
@ NE Cor. Lot 1 Bradshaw Addition
Elev. = 133.06 (City of Wichita, Datum)
Elev. = 1320.46 (MSL)



Drainage Area = 0.97 Acres
Type "B" hydrological group soil
 $C_s = 0.43$
 $C_{100} = 0.57$
 $T = 15$ minutes
 $t_s = 4.46$ inches/hr.
 $v_{100} = 7.37$ inches/hr.
 $Q_s = 1.9$ cfs
 $Q_{100} = 4.1$ cfs

DRAINAGE PLAN BOGUE ADDITION					
SRB	SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING				PROJECT NUMBER
	DATE: 12-5-95				
DRAWN	DESIGN	REVIEW	DATE	BY	SRB/JCB