

4/6/2006  
 Lot Split Lot 22  
 BIKA

DRAINAGE PLAN AND 4 CORNER GRADING CONCEPT PLAN  
**SHADOW RIDGE ADDITION**  
 WICHITA, SEDGWICK COUNTY, KANSAS

COMBINED AREA  
 DRAINAGE DATA  
 SCS Type B Soil  
 Area=1.18 acres  
 C = 0.52  
 Tc = 25 min.  
 Q 2=2.87 cfs  
 Q 2=6.24 cfs

DRAINAGE DATA  
 AREA #1  
 SCS Type B Soil  
 Area=0.95 acres  
 C = 0.52  
 Tc = 25 min.  
 Q 2=2.87 cfs  
 Q 2=1.4 cfs

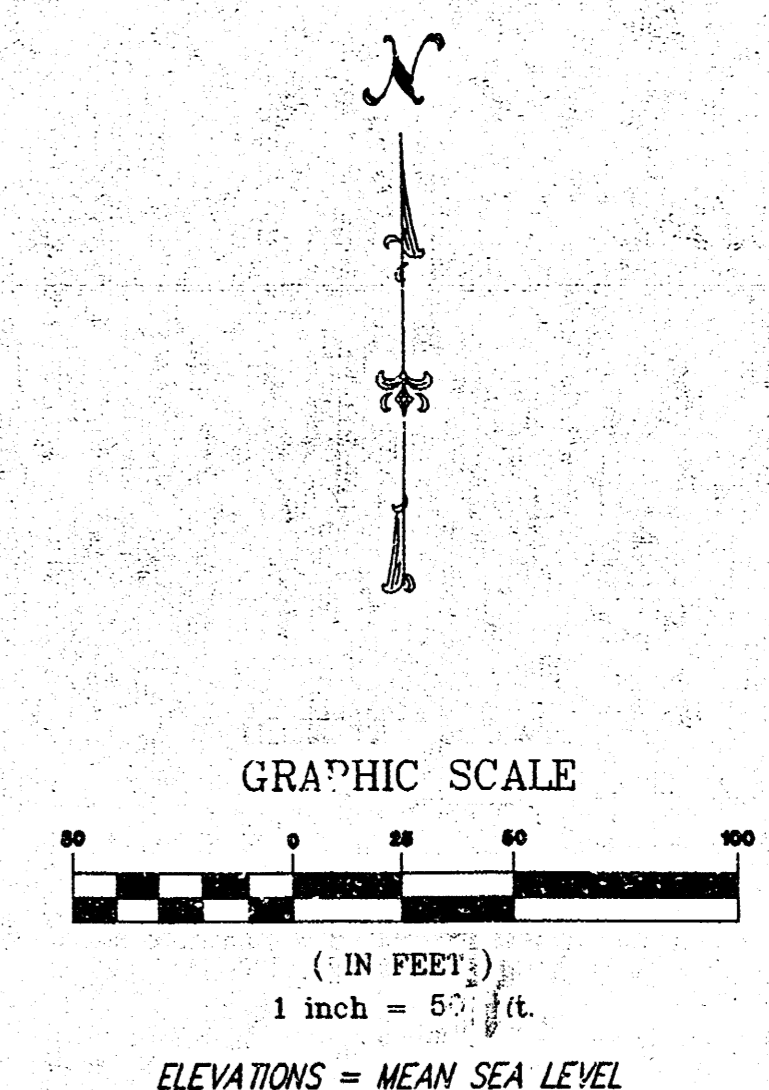
DRAINAGE DATA  
 AREA #2  
 SCS Type B Soil  
 Area=1.86 acres  
 C = 0.52  
 Tc = 20 min.  
 Q 2=3.30 cfs  
 Q 2=3.2 cfs

DRAINAGE DATA  
 AREA #3  
 SCS Type B Soil  
 Area=0.97 acres  
 C = 0.52  
 Tc = 20 min.  
 Q 2=3.30 cfs  
 Q 2=2.4 cfs

DRAINAGE DATA  
 AREA #4  
 SCS Type B Soil  
 Area=1.63 acres  
 C = 0.52  
 Tc = 39 min.  
 Q 2=3.30 cfs  
 Q 2=2.8 cfs

DRAINAGE DATA  
 AREA #5  
 SCS Type B Soil  
 Area=0.58 acres  
 C = 0.52  
 Tc = 39 min.  
 Q 2=2.25 cfs  
 Q 2=0.68 cfs

COMBINED AREA  
 DRAINAGE DATA  
 SCS Type B Soil  
 Area=2.21 acres  
 C = 0.52  
 Tc = 39 min.  
 Q 2=2.25 cfs  
 Q 2=2.59 cfs



LEGAL DESCRIPTION:  
 Part of Lot 10, Block B, Planeview Subdivision No. 2, Wichita, Kansas.

GROSS SIZE  
 279,390.24 Sq. Ft.  
 6.41 Acres

NET SIZE OF PLAT  
 279,390.24 Sq. Ft.  
 6.41 Acres

MINIMUM LOT SIZE  
 6900.0 Sq. Ft.

ZONING  
 MF29

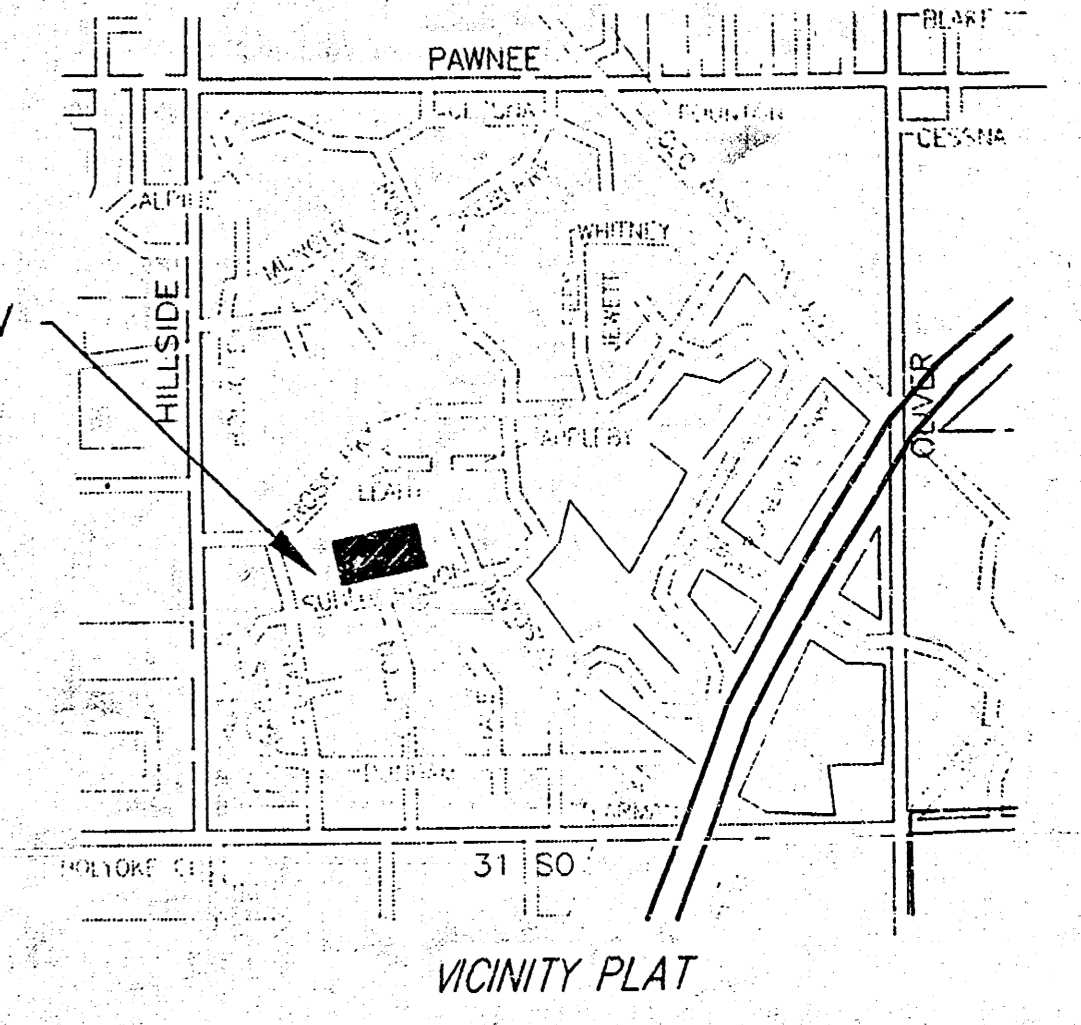
CONTROL NUMBER  
 174846

REFERENCE BENCH MARK: CITY OF WICHITA STD. DISC  
 N.E. CORNER OF BRIDGE @ HILLSIDE 7 25TH ST. S.  
 ELEV. = 1281.74 NGVD

ON SITE BENCH MARK: "1" CUT ON TOP OF CURB  
 N. SIDE SUNNYBROOK LANE 456' E. OF PUTNAM STREET  
 ELEV. = 1303.96 NGVD

OWNER  
 Robert Snyder  
 3620 E. Sunnybrook  
 Wichita, KS 67210  
 Ph: 634-7734

**FLOOD ZONE.**  
 Subject property is in Zone C, as shown of  
 Federal Emergency Management Agency  
 (FEMA) Flood Insurance Rate Map (FIRM) for  
 Sedgwick County, Kansas, Community Panel  
 Number 200328 0025 b, effective May 15, 1986.



Revised 3/5/06 Lot 22 Parcel #1 & Parcel #2



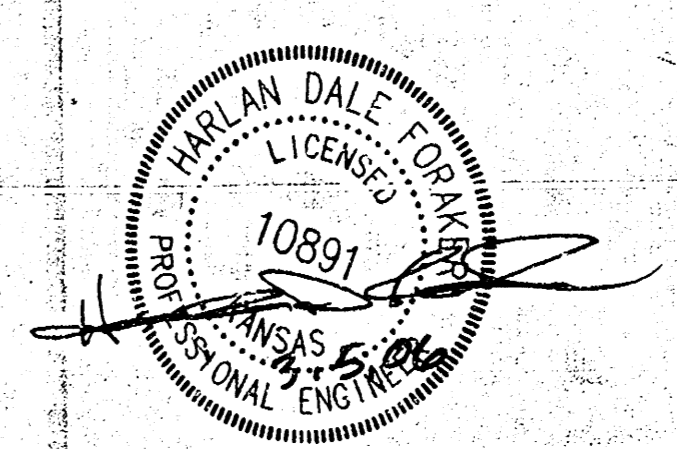
RUNOFF DATA FOR 2 YEAR RETURN PERIOD

Drainage Basin #	Area (Acres)	C	Tc	i 5	Q 5 (CFS)
1	0.95	0.52	26	2.87	1.46
2	1.86	0.52	20	3.30	1.44
3	1.37	0.52	20	3.30	1.16
4	1.63	0.52	20	3.30	1.19
5	0.58	0.52	39	5.21	0.68

RUNOFF DATA FOR 100 YEAR RETURN PERIOD

Drainage Basin #	Area (Acres)	C	Tc	i 100	Q 100 (CFS)
1	0.95	0.67	26	5.90	3.76
2	1.86	0.67	20	6.60	8.22
3	1.37	0.67	20	6.60	6.06
4	1.63	0.67	20	6.60	7.21
5	0.58	0.67	39	4.80	1.87

DRAINAGE PLAN PREPARED BY:  
**CERTIFIED ENGINEERING DESIGN, P.A.**  
 8 WEST DOUGLAS, SUITE C  
 WICHITA, KANSAS 67203  
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 27 August 2002  
 23 June 2002

Project No. 02EE00492PP