

PRELIMINARY  
 Alternate 1: Drainage Plan and Preliminary Cost Estimate for Farmington Square, Country Acres 6th, and Meadow View Estates.

Pipe		
60"	2,200' @ \$60/Fe.	\$132,000
54"	450' @ \$54/Fe.	24,300
48"	450' @ \$48/Fe.	21,600
42"	2,010' @ \$42/Fe.	84,420
36"	600' @ \$36/Fe.	21,600
30"	100' @ \$30/Fe.	3,000
27"	1,050' @ \$27/Fe.	28,350
24"	300' @ \$24/Fe.	7,200
21"	820' @ \$21/Fe.	17,220
18"	440' @ \$18/Fe.	7,920
15"	700' @ \$15/Fe.	10,500
		\$338,550

Inlets, Collectors & Manholes	
25 Combinations @ \$5,000 ea.	\$125,000
Junctures	
4 Junctures @ \$3,500 ea.	\$14,000
Headwalls & Channel Work	
1 Headwall & Channel Work	\$ 8,000
Impact Basin	
1 Impact Basin & Channel Work	\$15,000
	\$520,550
102 Miscellaneous	52,070
208 Engineering, Inspection, Etc.	101,180
Preliminary Cost Total	\$682,300

\* DRAINAGE AREA = 4.3 ACRES  
 \*\* DRAINAGE AREA = 134.4 ACRES (INCLUDES 52.3 ACRES WEST OF RIDGE ROAD)

# ALTERNATE 1

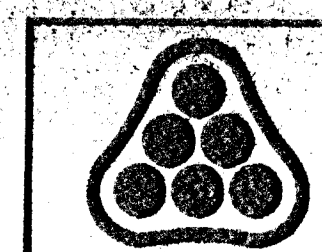
## DRAINAGE PLAN of

# FARMINGTON SQUARE

pipe contrary to topog

Contours not clear

Engineer: P.E.C.  
 1440 E. English  
 Wichita, Kansas



PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
 ENGINEERS  
 WICHITA, KANSAS