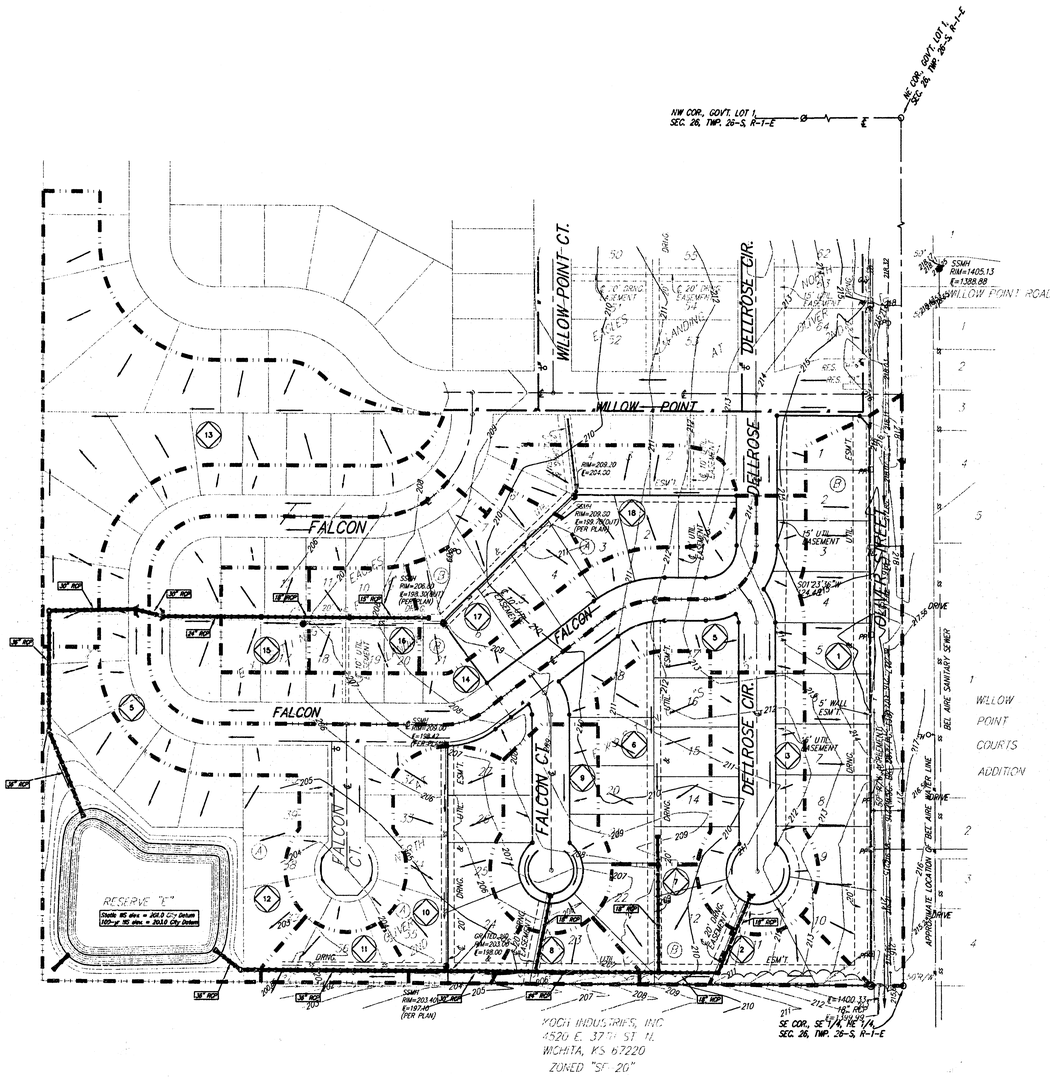
DRAINAGE PLAN
EAGLES LANDING AT NORTH OLIVER 3RD
WICHITA, SEDGWICK COUNTY, KANSAS



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DATE OF PREPARATION: 8 SEPTEMBER 2003
DATE OF TOPOGRAPHY: 13 NOVEMBER 2000
CONTOUR INTERVALS = 1 FOOT

BENCHMARK:
OLIVER AND 45TH ST. N. – TOP OF BRASS PLATE ON SW CORNER OF R.C.B.C. EAST OF INTERSECTION.
ELEV. = 1398.88 NGVD (211.48 CITY DATUM)

60d NAIL IN H.L.P., 33' S. OF THE NW CORNER OF GOV'T. LOT 1 IN THE NE1/4 OF SEC. 26, TWP. 26-S, R-1-E OF THE 6TH P.M.
ELEV. = 1377.19 NGVD (189.79 CITY DATUM)

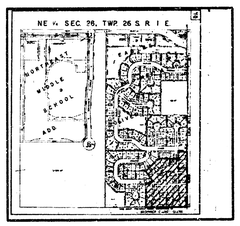
- ● = #4 REBAR W/ "BAUGHMAN" CAP (FOUND)
- □ = #5 REBAR W/ "MKEC" CAP (FOUND)
- △ = 1" IRON (FOUND)
- ○ = 1/2" IRON IN THIMBLE (FOUND)
- ◉ = MAGNETIC NAIL W/ WASHER IN POST (FOUND)
- ⌀ = 3/4" IRON (FOUND)
- × = CONCRETE NAIL (FOUND)
- ⊗ = #4 REBAR W/ "TTLSI" CAP (FOUND)

Basin ID	Area acres	Runoff Coeficient 2-yr in/in	Runoff Coeficient 5-yr in/in	Runoff Coeficient 100-yr in/in	Peak Flowrate 2-yr cfs	Peak Flowrate 5-yr cfs	Peak Flowrate 100-yr cfs
1	2.8	0.50	0.54	0.76	5.4	6.9	16
2	0.4	0.50	0.54	0.76	0.8	1.0	2.2
3	1.4	0.50	0.54	0.76	2.7	3.4	7.8
5	4.5	0.50	0.54	0.76	8.6	11	25
6	1.2	0.70	0.82	0.86	2.3	3.0	6.7
7	0.6	0.50	0.54	0.76	1.1	1.5	3.4
8	0.4	0.50	0.54	0.76	0.8	1.0	2.2
9	1.1	0.50	0.54	0.76	2.1	2.7	6.2
10	1.3	0.50	0.54	0.76	2.5	3.2	7.3
11	0.4	0.50	0.54	0.76	0.8	1.0	2.2
12	3.3	0.70	0.82	0.86	8.8	12	21
13	3.3	0.50	0.54	0.76	6.3	8.1	19
14	3.1	0.50	0.54	0.76	5.9	7.6	17
15	0.5	0.50	0.54	0.76	1.0	1.2	2.8
16	0.6	0.50	0.54	0.76	1.1	1.5	3.4
17	1.0	0.50	0.54	0.76	1.9	2.5	5.6
18	1.1	0.50	0.54	0.76	2.1	2.7	6.2

DRAINAGE NOTE:
The Drainage Plan Created For Eagles Landing at North Oliver 2nd Shall be Referenced For Specific Drainage Calculations. The Street Layout Between the Two Plats Have Remained Unchanged. The Only Change is within the lot lines.

LEGEND:

- (x) = BASIN I.D.
- = BASIN DELINEATION LINE
- = PROPOSED FLOW
- = PROPOSED SWS



08 SEPTEMBER 2003

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