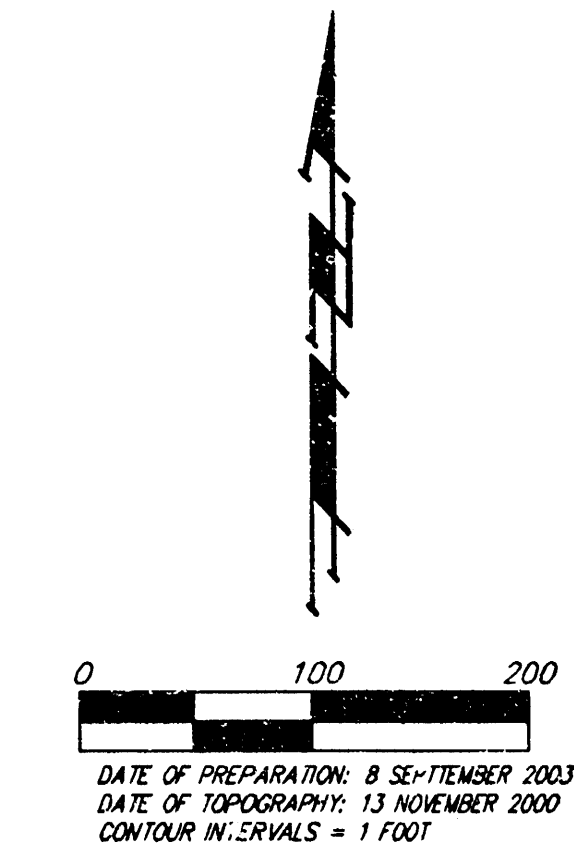
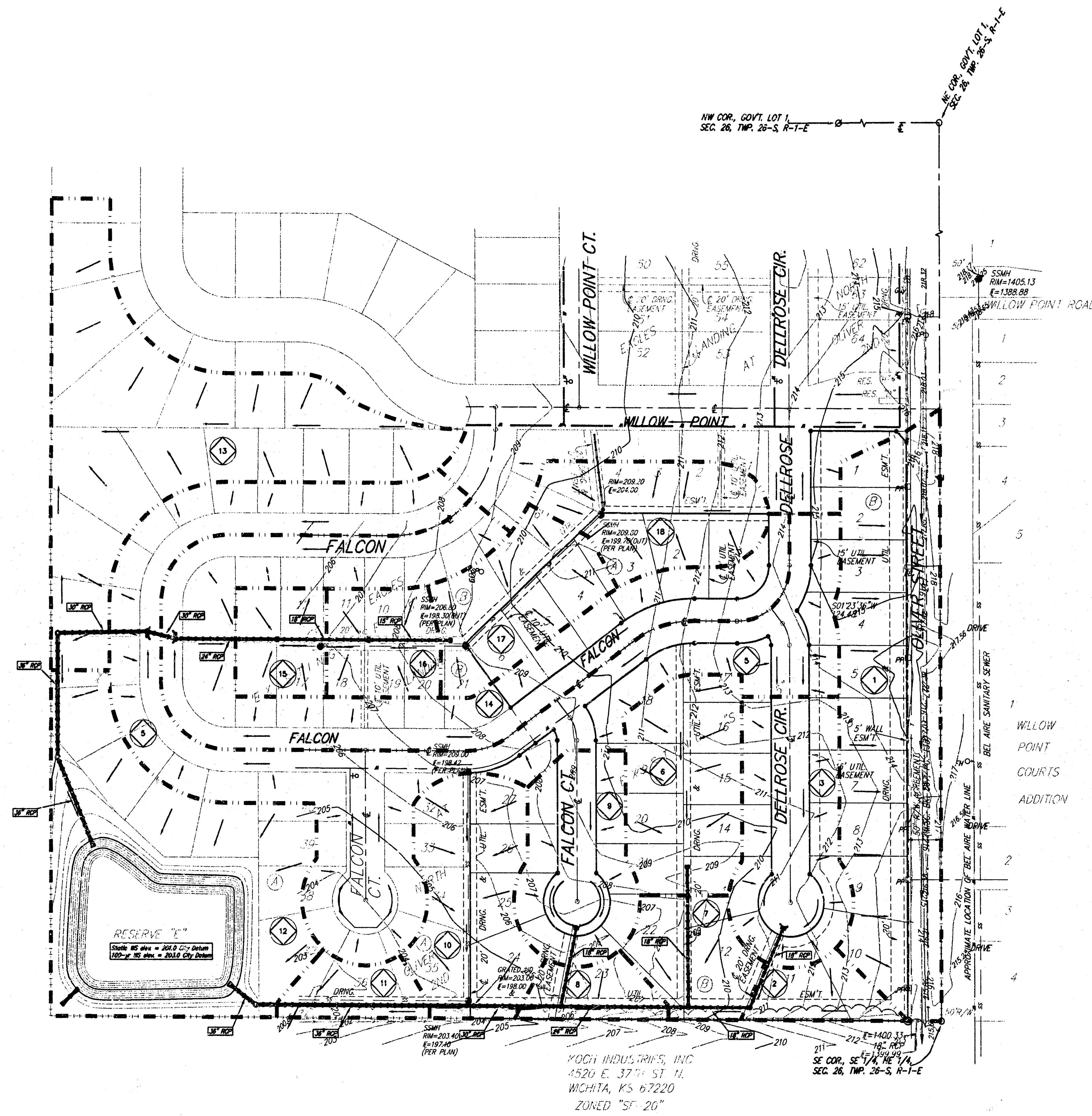


DRAINAGE PLAN EAGLES LANDING AT NORTH OLIVER 3RD WICHITA, SEDGWICK COUNTY, KANSAS



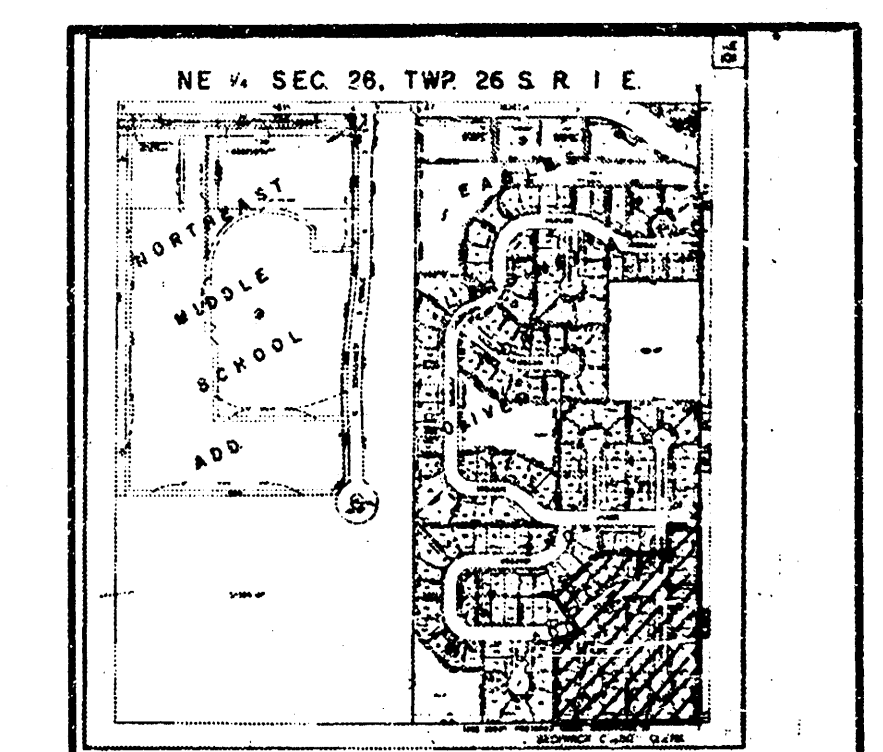
BENCHMARK:
 OLIVER AND 45TH ST. N. - TOP OF BRASS PLATE ON
 SW CORNER OF R.C.B.C. EAST OF INTERSECTION.
 ELEV. = 1398.88 NGVD (211.48 CITY DATUM)
 800 NAIL IN H.L.P., 33' S. OF THE NW CORNER OF GOVT. LOT 1
 IN THE NE 1/4 OF SEC. 26, TWP. 26-S, R-1-E OF THE 6TH P.M.
 ELEV. = 1377.19 NGVD (188.79 CITY DATUM)

- = #4 REBAR W/ "BAUGHMAN" CAP (FOUND)
- = #5 REBAR W/ "WEC" 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/ "TILS" CAP (FOUND)

Basin ID	Area acres	Runoff Coefficient			Peak Flowrate		
		2-yr in/hr	5-yr in/hr	100-yr in/hr	2-yr cfs	5-yr cfs	100-yr cfs
1	2.9	0.50	0.54	0.76	5.4	6.9	16
2	0.4	0.50	0.54	0.76	0.8	1.0	2.3
3	1.4	0.50	0.54	0.76	2.7	3.4	7.8
4	4.5	0.50	0.54	0.76	8.6	11	25
5	1.2	0.70	0.82	0.86	2.3	3.0	5.7
6	0.6	0.50	0.54	0.76	1.1	1.5	3.4
7	0.4	0.50	0.54	0.76	0.8	1.0	2.2
8	1.1	0.50	0.54	0.76	2.1	2.7	6.2
9	1.3	0.50	0.54	0.76	2.5	3.2	7.1
10	0.4	0.50	0.54	0.76	0.8	1.0	2.2
11	3.3	0.70	0.82	0.86	8.8	12	21
12	3.3	0.50	0.54	0.76	6.3	8.1	19
13	5.1	0.50	0.54	0.76	9.9	12.5	28
14	0.5	0.50	0.54	0.76	1.0	1.2	2.8
15	0.6	0.50	0.54	0.76	1.1	1.5	3.4
16	1.0	0.50	0.54	0.76	1.9	2.5	5.6
17	1.1	0.50	0.54	0.76	2.1	2.7	6.2
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 Plots Have Remained Unchanged. The Only Change is within the lot lines.

- LEGEND:**
- ⊗ = BASIN I.D.
 - = BASIN DELINEATION LINE
 - = PROPOSED FLOW
 - = PROPOSED SWS



08 SEPTEMBER 2003