DRAINAGE PLAN

11-20-95

CAPITAL 2ND ADDITION

OWNERS: W.K. CAPITAL ENTERPRISES, INC
DR. ROBERT D. SMITH
DR. JOAN C. LOEHR
DR. GERALD L. HOWELL
c/o SHAROL RASBERRY
300 W. MAIN - SUITE 200
WICHITA, KANSAS 67202

ENGINEERS: PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 S. TOPEKA
WICHITA, KANSAS 67202

NOTES

Pipes sized previously under Capital Addition Drainage Plan.

Street flow in existing Broadmoor/Polo Evaluated in Drainage Plan for Fairfield Estates on the basis of all drainage east of the building setback line being carried in the storm water sewer as shown. If additional area is drained to Broadmoor/Polo Street, additional curb inlets along the street will be required to meet the flooded width criterion.

Drainage from Lots 1 through 3 to be routed to the public storm sewer via drives, parking lots, flumes, private storm water sewers, or other approved drainage devices. Major storm flows to be routed along the drainage easement to Polo. Structures, fences, walls, etc. which obstruct overland drainage shall not be permitted.

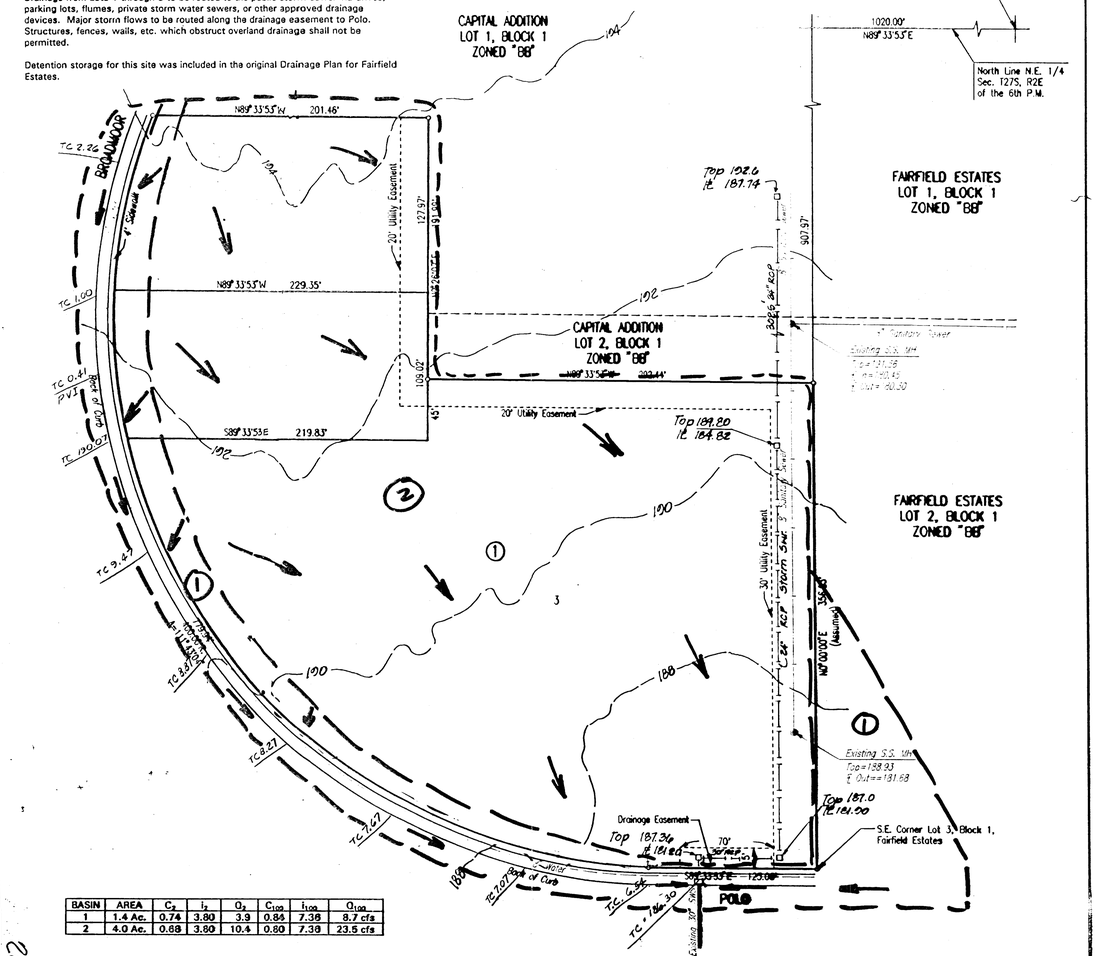
Detention storage for this site was included in the original Drainage Plan for Fairfield Estates.

SCALE: 1"=50'

○ = IRON SET

B.M. - CHISELED "+" SOUTH END CURB RETURN WEST SIDE OF ROCK ROAD AT EAST 1/4 CORNER SEC. 18, T27S, R2E. ELEV.=179.18 CITY DATUM

For Bldg setback lines
See C.U.P. DP-146
Topo: March 1985



BASIN	AREA	C_2	i_2	Q_2	C_{100}	i_{100}	Q_{100}
1	1.4 Ac.	0.74	3.80	3.9	0.84	7.38	8.7 cfs
2	4.0 Ac.	0.68	3.80	10.4	0.80	7.38	23.5 cfs

DSNR: SANCHEZ DWR: DEP SCALE: 1=50.00
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