

DRAINAGE PLAN

11-20-95

CAPITAL 2ND ADDITION

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

ENGINEERS: PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 301 S. TOPULKA
 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'

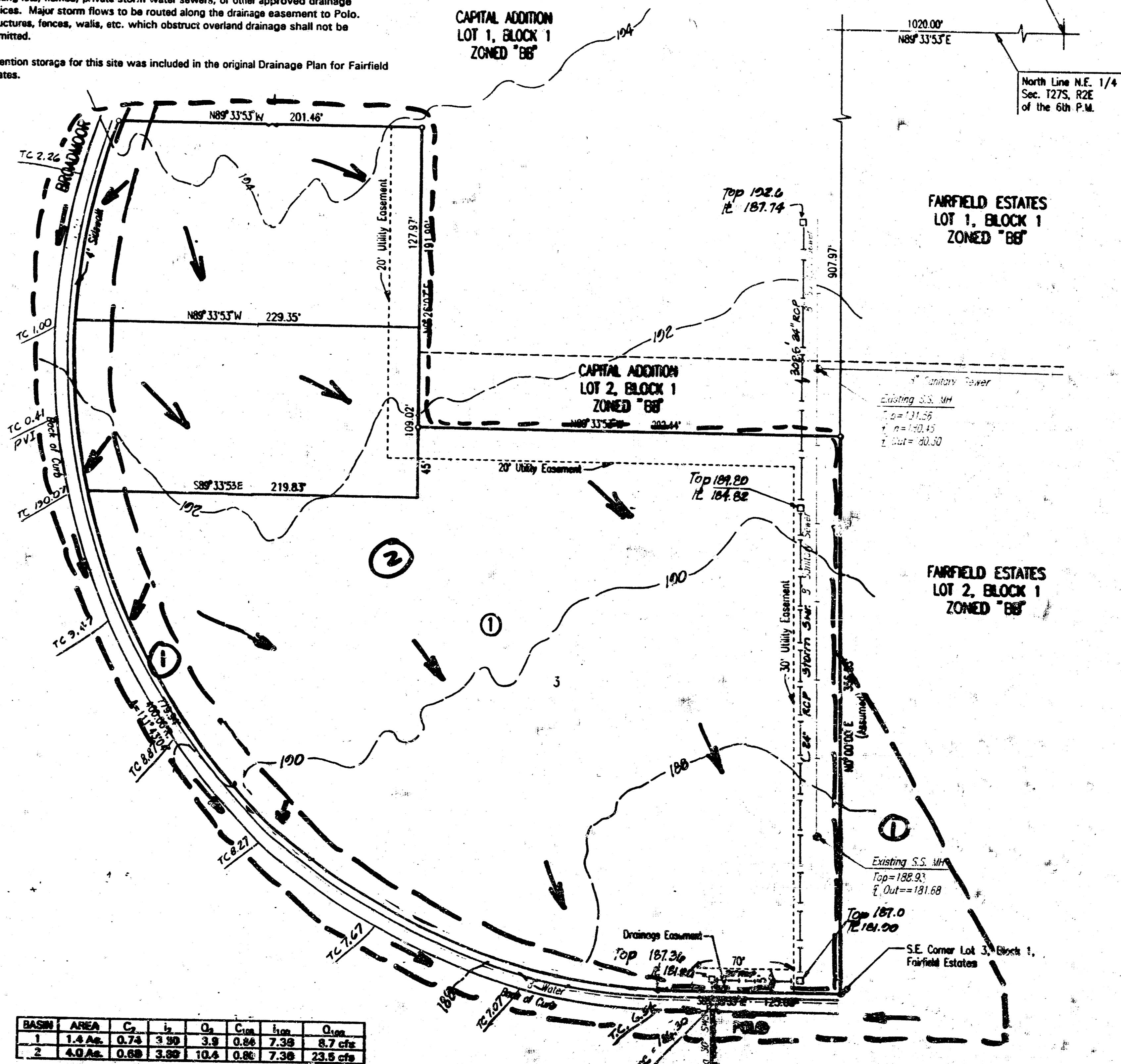
○ = IRON SET

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

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

N.E. Corner N.E. 1/4
 Sec. 18, T27S, R2E
 of the 6th P.M.

North Line N.E. 1/4
 Sec. 127S, R2E
 of the 6th P.M.



BASIN	AREA	C	I _p	Q _s	C ₁₀₀	I ₁₀₀	Q ₁₀₀
1	1.9 Acs	0.74	3.99	3.9	0.84	7.39	8.7 cfs
2	4.0 Acs	0.68	3.99	10.6	0.82	7.39	23.9 cfs

DSNR - SINKER - CRRP - EFP SCALE: 1"=50.00
 ON 10/25/95 BY WICKS DWG 11-10-1995 11:01:25 AM
 292