

12201 MEYALL BOULEVARD, NE
 LOT 25-A
 BLOCK 7
 BRENTWOOD HILLS
 H.G. PICKARD & ASSOCIATES

1220/0 114A

UNDEVELOPED

AREA UNDER CONSIDERATION	.255 ACRE
EXISTING SLOPE	3.75 %
NATURAL RUNOFF COEFFICIENT	.40
TIME OF CONCENTRATION	10 MINUTES
INTENSITY $\frac{89}{76-25}$	5.4 IN/HR
100-YEAR, 6-HOUR PRECIPITATION	2.7 IN
RATE OF NATURAL RUNOFF	.551 CFS
VOLUME OF NATURAL RUNOFF	.023 AC-FT

DEVELOPED

	AREA (AC)	C =		RATE (CFS)	VOLUME (AC-FT)
FLAT ROOF	.076	.875	.0665	.359	.015
SLOPED ROOF	.012	.92	.011	.059	.002
PAVEMENT	.055	.92	.0506	.273	.011
LANDSCAPED	.112	.40	.0428	.222	.010
				.933	.038

REQUIRED RETENTION: .015 AC-FT (654 CU. FT.)

TO BE RETAINED

		RATE	VOLUME
FLAT ROOF	62%	.244	.0104
PAVEMENT	12%	.033	.0013
LANDSCAPED	50%	.136	.0056

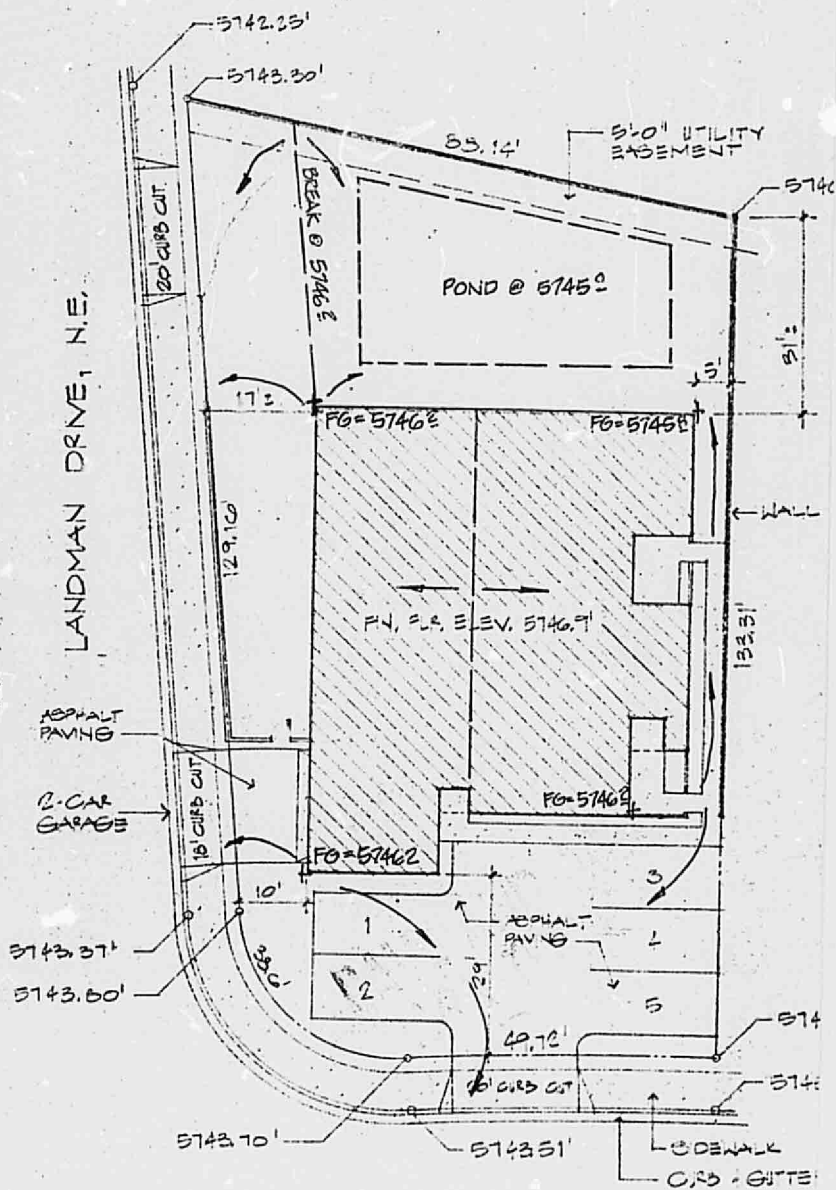
• SEE SITE PLAN FOR GRADES + PONDING

.0173 AC-FT.
 (754 CU. FT.)

TO BE DISCHARGED

		RATE	VOLUME
FLAT ROOF	92%	.115	.0046
SLOPED ROOF	100%	.059	.002
PAVEMENT	88%	.220	.0097
LANDSCAPED	44%	.106	.0044
		.500 CFS	.0207 AC-FT.





SITE PLAN THE PLAN IS DRAWN REVERSE
1:20.0