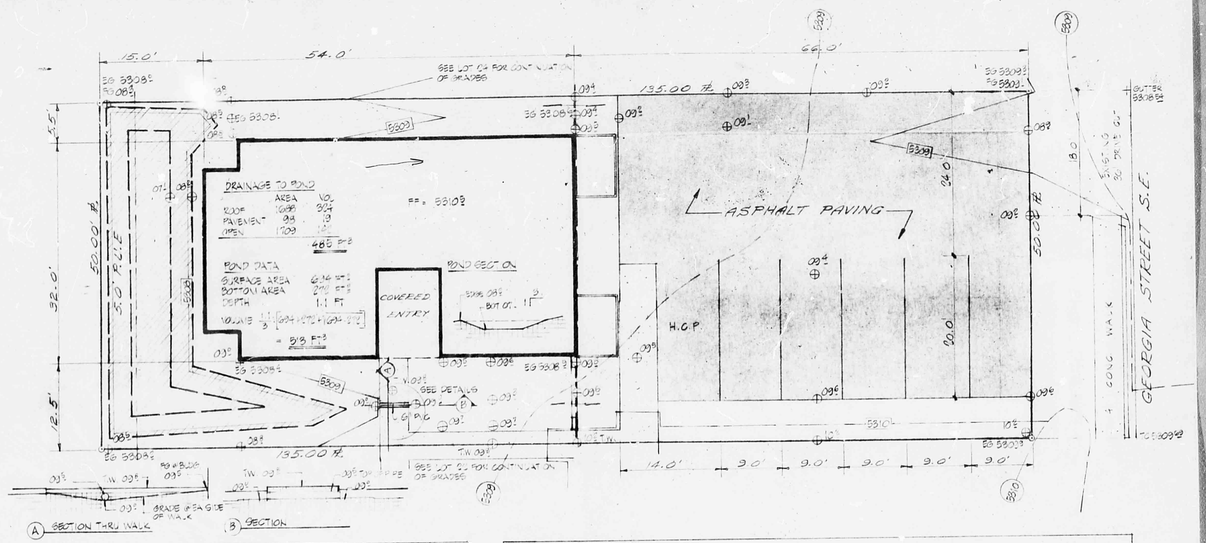
HYDROLOGY

L18/D10
ONE PLAN

L18-D10

1 PLAN



SCALE 1"=10'

SITE PLAN
LOT-23
GEORGE B. LOCER'S REPLAT
OF EAST ½ BLOCK-5
MESA PARK ADDITION
ALBUQUERQUE, NEW MEXICO

FOR

EMPIRE ESTATE BLDG. CORP.

DRAINAGE

AREA	6750 FT.²
SLOPE	1.8% MAX.
RUNOFF COEFFICIENT	.40
TIME OF CONCENTRATION	2.10 MIN.
INTENSITY	5.4 IN/HR.
100-YR., 6-HR. RESULT	2.5 IN.
RUNOFF RATE	.335 CFS
RUNOFF VOLUME	563 FT.³

DEVELOPED	AREA	C=	RATE	VOLUME
ROOF	1688	.92	.506	851
PAVEMENT	2746			
OPEN	2314	.40	.115	193
			.621 CFS	1044 FT.³

REQUIRED RETENTION
1044-563= 481 FT.³

L18/D10