HYDROLOGY K19/D10 1 PLAN

K19/D10

1 Plan

PONDING CALCULATIONS
FOR AMAFCA

RAW LAND BEFORE DEVELOPMENT

SITE AREA 8100 SQ. FT.

$Q = 8100 \times .3 \times \frac{2.5}{12.0} = 506.25$ CU.FT.

AFTER DEVELOPMENT

AREAS:

ROOF	1840 SQ.FT.
SIDEWALK & PAVING	3224.5 SQ.FT.
SOIL	3035.5 SQ.FT.
	8100 SQ.FT

$Q = (5064.5) + (3035.5 \times .3) \times \frac{2.5}{12.0}$

$= 1244.82$ CUFT

LESS RUNOFF UNDEVELOP $= 506.25$ CUFT

TOTAL RETENTION REQUIRED 738.57 CU. FT.

The North Five feet (5') of Lot 23, all of Lot 24 and that Portion of Domingo Road vacated by the City of Albuquerque, New Mexico, being Thirty feet (30') in width to the North and adjoining the Northerly boundary of said Lot 24, all within Block 13 of the Mesa Verde Addition, as filed in Bernalillo County, November 17, 1939.