

NOV 22 1978



# Goldberg · Mann & Associates

Engineers-Planners

911 Pennsylvania St. Albuquerque, New Mexico 87110 (505) 263-3521

November 20, 1978

8-65

Mr. Bruno Conegliano  
City Hydrologist  
Department of Public Works  
P.O. Box 1293  
Albuquerque, New Mexico 87103

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NOV 22 1978

Re: Hoffmantown Baptist Church Drainage Plan

ENGINEERS

Dear Bruno:

The Hoffmantown Baptist Church proposes to construct four temporary classrooms adjacent to their church. The buildings are modular and will be constructed by the Baines Company. The buildings are similar to the portable classrooms seen on numerous school grounds. Within ten years, the temporary classrooms and the buildings to the east will be replaced by a new structure.

Attached are a Vicinity Map, a Flood Map and a Grading Plan. The property is not adjacent to a watercourse nor in a flood plain. The land east of the project site is also owned by the church and any runoff from the existing facilities will be conveyed by the new facilities. The proposed facilities do not intercept or block any significant upstream drainages and erosion or siltation will not result from this development.

The Grading Plan shows existing and proposed contours, that runoff is conveyed to the ponds, proposed grades match existing grades at the property line and that the grade at the property line is at least 0.3 feet above the top of the curb.

The ponds will retain in excess of 50 percent of the runoff from a 100 year frequency storm. The volume calculations are attached.

All ponds are 18 inches deep except one. The exception is 24 inches deep but is separated from the public sidewalk by an 8 foot wide landscaped barrier.

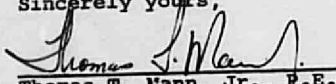
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I feel that this plan complies with all the requirements of  
AMAFCA, the City of Albuquerque and Resolution 1972-2.  
Therefore, I request that you approve this plan.

Thank you.

Sincerely yours,

  
Thomas T. Mann, Jr., P.E.  
President

TTM:jj

Att.

Enc. 3

cc: KLHB (3)

BC (2)

File

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Attachment

Calculations

Area of Parcel = 135 ft. x 425 ft. = 57,375 s.f.

Impervious Area = 49,179 s.f.

Required Pond Volume = 0.1 x 49,179 = 4,918 c.f.

Pond Volumes

108 x 18		27 x 27	
	1,584		585
102 x 12		21 x 21	
	900		191
96 x 6		18 x 18 x $\frac{1}{2}$	
			776 c.f.
	2,484 c.f.		

18 x 27		33 x 27	
	369		729
122 x 21		27 x 21	
	104		250
9 x 18 x $\frac{1}{2}$		24 x 18 x $\frac{1}{2}$	
			979 c.f.
	473 c.f.		

117 x 7

111 x 1

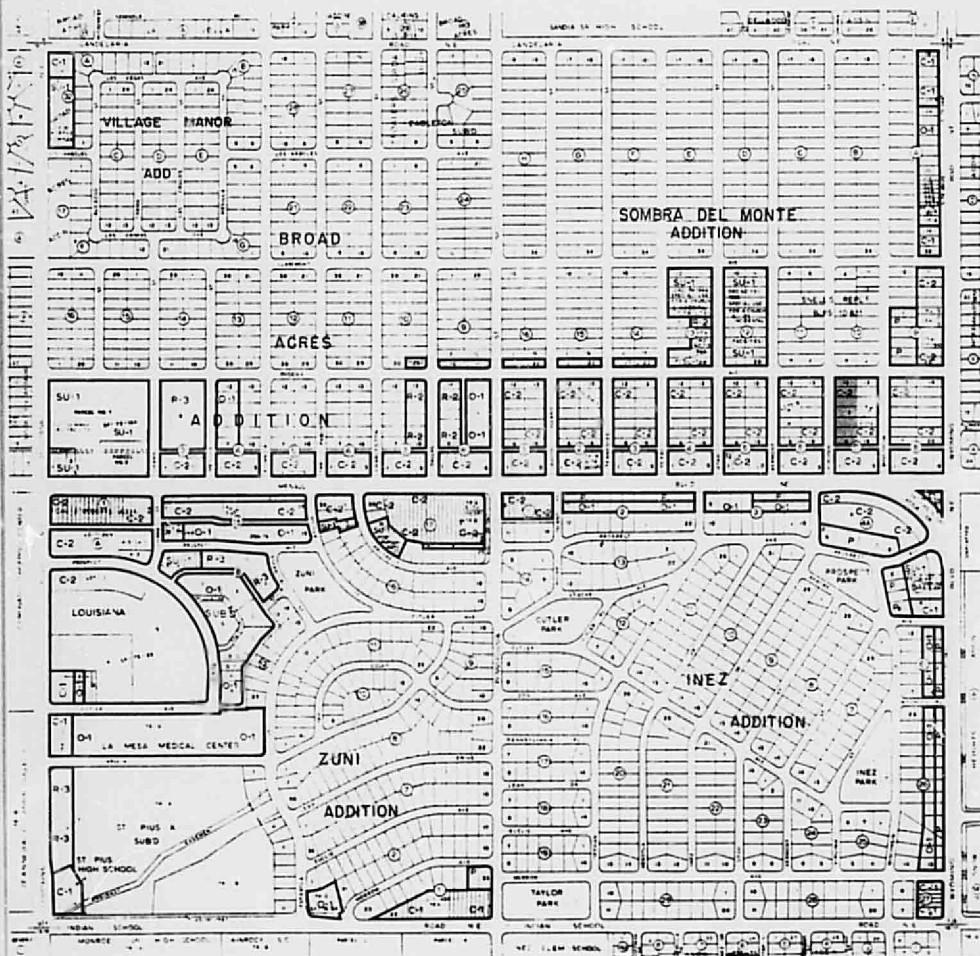
465 c.f.

Total Volume = 5,177 c.f.

<u>Pond</u>	<u>Volume</u>	<u>Area</u>
1	2,484 c.f.	24,300 s.f.
2-5	2,693 c.f.	33,075 s.f.

FIGURE 1.  
LOCATION MAP

DATE  
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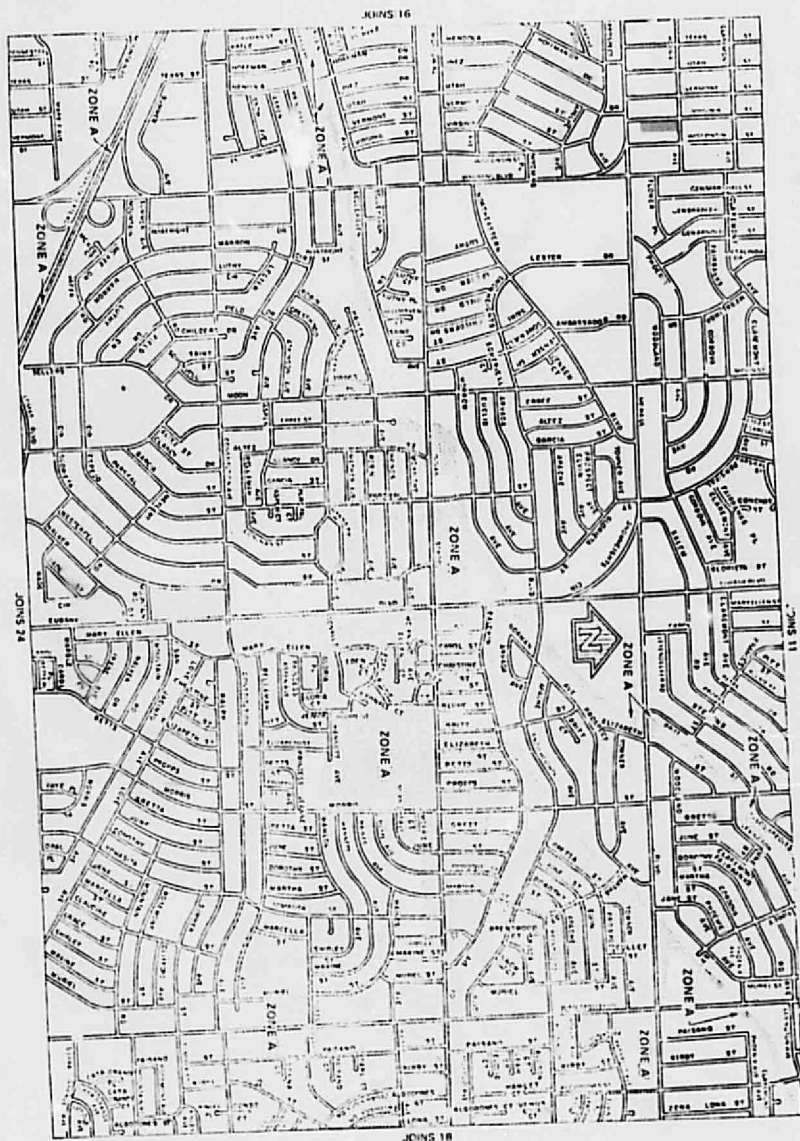
**APPLICANT**

NAME: Kruger, Lake, Hutchinson & Brown  
ADDRESS: 601 San Pedro NE Suite 105  
Albuquerque, NM 87108  
PHONE: 265-8452  
SIGNATURE: \_\_\_\_\_

**LOCATION OF PARCEL**

LOT NO: 6-12 BLOCK NO: 7  
SUBDIVISION: Sombra del Monte Add.  
STREET ADDRESS: Wisconsin, Phoenix,  
Virginia  
CURRENT ZONING: C-2

**H-19-Z**



DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT  
Federal Emergency Administration

CITY OF ALBUQUERQUE, NM  
(BERNALILLO CO)

APPROXIMATE SCALE  
1000 0 1000 2000 3000 FEET

FLOOD HAZARD BOUNDARY MAP

MAP REVISED  
2/14/78