



ARCHITECTS - ENGINEERS

**VAN DOREN - HAZARD - STALLINGS**

250 ROCKBOROUGH BUILDING, 260 NORTH ROCK ROAD WICHITA, KANSAS 67206  
TELEPHONE 316 686-7303

February 13, 1979

Mr. Yash Desai  
Chief Drainage Engineer  
City of Wichita  
455 N. Main  
Wichita, Kansas 67202

RE: Hydrology Study of Draw  
Along North Line of Cottonwood  
Three and Fantasea

Dear Mr. Desai:

Enclosed herewith is a summary of the preliminary hydrology calculations for the above referenced projects.

The proposed drainage system will be developed around one detention structure adjacent to the north line of Fantasea. This detention structure is sized to hold the additional runoff caused by development in the area. Calculations were based on the 100 year, six hour storm.

We supply additional information with our final plat and in preparing the required petitions.

Very truly yours,  
VAN DOREN-HAZARD-STALLINGS

By: *Kenneth H. Bengtson*  
Kenneth H. Bengtson  
Partner

Enclosure

cc: R. W. Linn  
Max Greene

KHB/kb