HYDROLOGY • J16/D2 • 2 PLANS

J16/D2

2 Plans

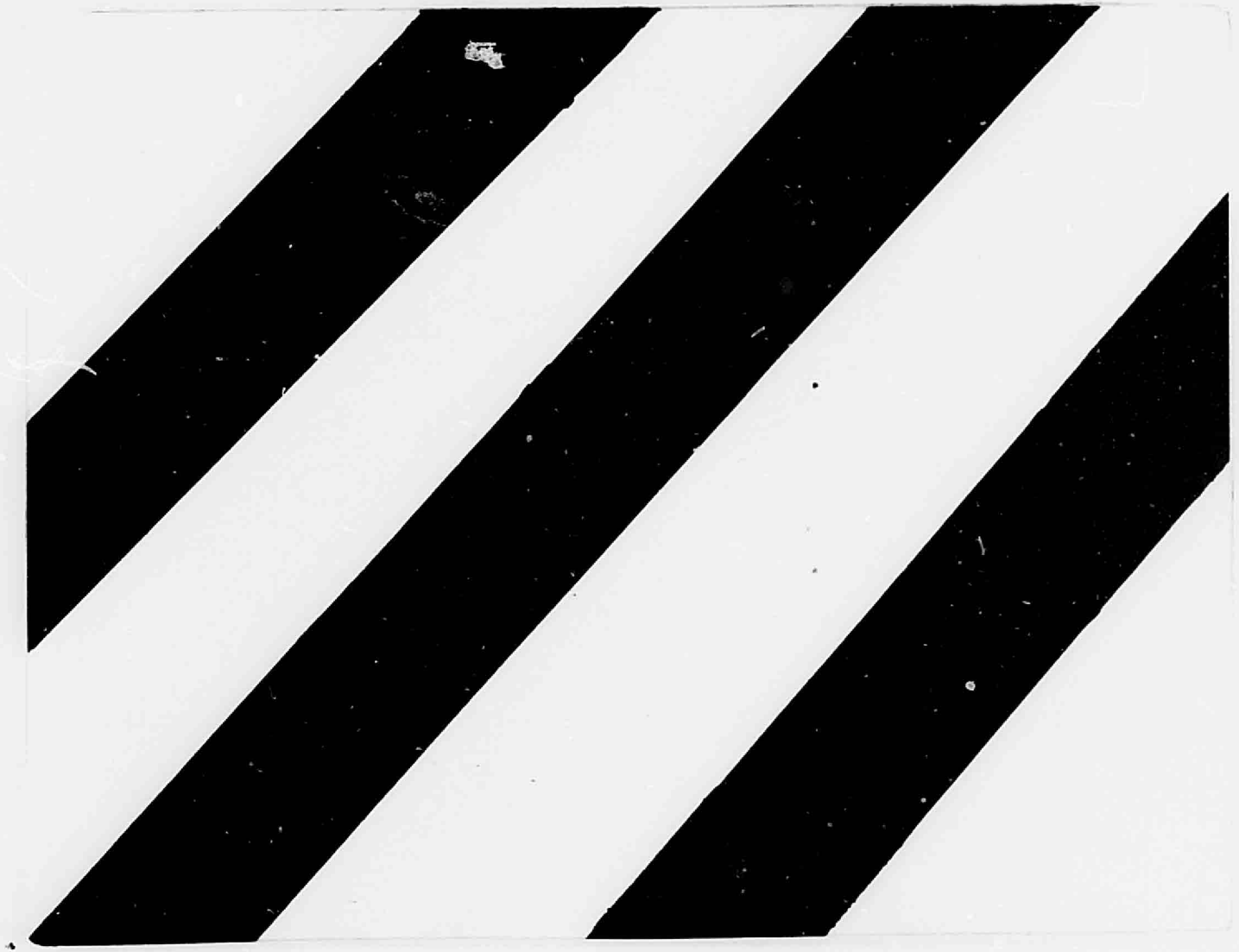
GENERAL: The purpose of this report is to make general recommendations for on-site drainage. The subject property is located at 1921 Carlisle NE as shown on Sheet J-16 of the Zone Atlas. The property is scheduled to be developed into an office complex. The Presley Co. of New Mexico owns the property and has retained the firm of David B. Fisher & Assoc. to provide architectural services. This drainage report is being prepared at the request of the owners.

HYDROLOGY: Ponding areas are recommended to provide storage for all on-site storm water. The rainfall from a 100 year 6 hour duration storm is used to determine the pond volumes. A runoff coefficient of 0.95 is used for the following areas: roofs, sidewalks, and paved parking areas. For the area, a drainage pond capacity was calculated using the rainfall and the runoff coefficients. Landscaped areas are not included since these will be constructed not to contribute any runoff to the larger drainage ponds. Calculations for each are included with this report.

SITE DEVELOPMENT: Ponds shall be constructed as shown with the volumes as indicated. The building roofs shall drain as indicated on the map. No attempt has been made to provide grading plan as a part of this drainage report. The grading plan shall incorporate the ponding areas as shown, and drainage swales as necessary to carry storm water to the individual ponds.

RECOMMENDATIONS: The following recommendations are made and hereby made a part of this report:

1. That the owner accept this report and its recommendations, and insure that all development meets the ponding requirements.

2. That the City of Albuquerque accept this report, and issue all permits necessary for construction.
3. That any changes in the site plan as herein presented be brought to the attention of the architect prior to any construction taking place.
4. All landscaped areas not included as a pond be depressed a minimum of 6 inches from all surrounding areas.

MONTEZUMA ELEMENTARY SCHOOL
VISTA LARGA ADDITION
HAINES ADDITION
SUNSET TERRACE ADDN
LOMA VISTA ADDN
McDURFFIE PLACE ADDN
UNIVERSITY GOLF COURSE
JEFFERSON JR HIGH SCHOOL
BERN COUNTY MEDICAL CENTER
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R-2
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