



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

November 15, 1985

Dennis Brand, P.E.
Scanlon & Associates
8008 Pennsylvania Circle, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR KELEHER EXECUTIVE CENTER
SUBMITTED OCTOBER 22, 1985 FOR BUILDING PERMIT APPROVAL
(J-14/D56)

Dear Dennis:

I have reviewed the referenced submittal and have the following comments to be addressed before building permit approval:

1. City of Albuquerque Flood Hazard Ordinance requires that the lower level parking area down ramp be protected to 1' above the 1' flood depth, or a total of 2' above gutter flow line. Drainage Plan specifies only 1' instead of 2'.
2. Since the pump in lower level and the 8" diameter pipe into existing catch basin are integral parts of the drainage scheme, provide detailed sump design and pump rating curves along with hydraulic designs, to verify adequacy of proposed sizes.
3. Provide runoff volume of drainage areas in addition to peak runoff rates per the DPM.
4. The 8" diameter drainage line must have a check valve between the junction with the roof drains and discharge line from pump.

MUNICIPAL DEVELOPMENT DEPARTMENT

C. Dwayne Sheppard, P.E., City Engineer

ENGINEERING DIVISION

Telephone (505) 766-7467

Dennis Brand
November 15, 1985
Page Two of Two

5. Since a valley gutter is proposed at the northwest corner of site to carry off-site nuisance flows, a sidewalk and curb drain is recommended between end of valley gutter and street.
6. Before building permit can be approved, evidence that lots have been replatted to remove lot lines must be provided to this office. Replatting will require approval by DRB.

If you have any questions regarding this project, contact me at 766-7644.

Cordially,

Roger A. Green, P.E.

Roger A. Green, P.E.
C.E./Design Hydrology

cc: Dale Beggs Development Co.
1465 Kelly Johnson Blvd.
Colorado Springs, CO

RAG/bsj