



KEN SCHULTZ
MAYOR

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 19, 1989

Marvin Kortum, P.E.
1605 Speakman Drive, SE
Albuquerque, New Mexico 87123

RE: DRAINAGE PLAN FOR SECOND PRESBYTERIAN CHURCH ADDITION
(J-14/D84) DATED JULY 20, 1989 & RECEIVED JULY 27, 1989

Dear Mr. Kortum:

The following are recommended plan modifications and/or inclusions.

1. The PCC channel from the 12" sidewalk culvert to the existing wall opening must have the same capacity as the sidewalk culvert. (i.e., a 12" wide by 6" deep rectangular section.) Additionally, please provide documentation of the capacity of the PCC channel to the sidewalk culvert and the capacity of wall opening.
2. The wall notch detail for discharge to the 24" sidewalk culvert is not satisfactory. See attached detail, suggested.
3. The vinyl liner swale is okay. Cover rock to be 3" minimum layer of 2" round rock. Provide openings in existing walls at the discharge end of the channel to pass the maximum anticipated flow. (12" x 6" total opening area.) Slope lined swale should be a 1% minimum. Swale liner to be PVC, 30 mil, or equivalent.
4. Remove the option note on plan regarding the pipe construction. Construction of this pipe is required with this development.

PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500


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5. Given the complexity of this development and the underground proposed construction, Certification will be required for Certificate of Occupancy release by this office.
6. The plan should include the S.O. #19 detail for the proposed sidewalk construction in the City right-of-way.

If you should have any questions or comments regarding these modifications inclusions above, please feel free to call me at 768-2650.

Cordially,



Fred J. Aguirre, P.E.
Hydrologist

Enclosures
FJA/bsj
(WP+1156)