

LEEDSHILL-HERKENHOFF, INC.

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Albuquerque, New Mexico 87103

(505) 247-0294

42-96002.12-96

January 12, 1996

Ms. Lisa Manwill, P.E.
PWD/Utility Development/Hydrology Section
City of Albuquerque
P.O. Box 1293
Albuquerque, N.M. 87103

**RE: LA AMISTAD SENIOR HOUSING
CITY OF ALBUQUERQUE HOUSING SERVICES, ZONE ATLAS NO. J-14**

Leedshill-Herkenhoff, Inc. (LH) has prepared this letter drainage report for the above referenced project site. In accordance with our Pre-Design Conference on January 8, 1996, we are providing the items which need to be submitted to the City for approval of the site grading permit.

Included in this letter, you will find the Drainage Information Sheet, the grading plan for the gazebo at La Amistad Senior Housing, and the drainage calculations performed in accordance with Section 22.2 of the Development Process Manual for the City of Albuquerque.

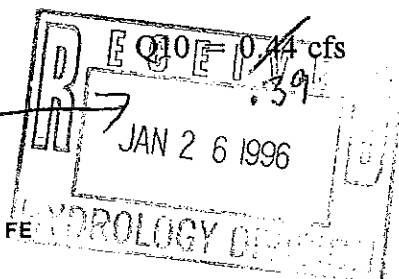
As we discussed, the drainage plan for the Gazebo was coordinated through Morrow & Company, Landscape Architects. We obtained the survey information from them along with their proposed landscaping. As indicated on the plan, the City's Housing Services Department project consists of adding a Gazebo in the common area of the Housing Center. This project will not alter the existing site with respect to peak runoff amounts, drainage patterns or flow direction.

Runoff calculations were performed for the drainage sub-area encompassing the project location for both existing site and the site with the proposed improvements (attached). The results are summarized below:

DATA FROM:	Q100 CALCULATED	Q10 CALCULATED
Existing Conditions	Q100 = 0.31 cfs <i>0.44</i>	Q10 = 0.27 cfs
Proposed Conditions	Q100 = 0.49 cfs	Q10 = 0.44 cfs <i>0.39</i>

*This is according to
your calcs on
pg 2 of 7.*

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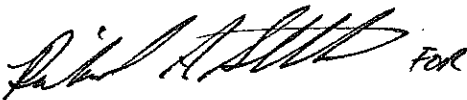
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The proposed improvements were calculated to have such small increases in peak discharge that they can be considered to have a negligible effect on the storm drain system.

The site is not located within the 100-year floodplain as indicated on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM), Community Panel 350002 0028c, dated October 14, 1983 (copy attached).

LH requests your approval for a grading permit for the above referenced site, and trust that the information provided meets your needs. If you have any questions please call Tom Blaine or me at 247-0294.



TOM BLAINE
TOM BLAINE, P.E.
Project Manager



KAREN M. MENNE-JACOBSEN
Project Intern

cg

cc: Liz Reardon, Morrow & Co.