

CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



February 3, 2015

Diane Hoelzer, P.E.
Mark Goodwin & Associates, P.A.
P.O. Box 90606
Albuquerque, NM 87199

Richard J. Berry, Mayor

**RE: Los Diamantes Subdivision
Drainage Report, and Grading and Drainage Plan
Engineer's Stamp Date 1-13-2015 (File: N09D013)**

Dear Ms. Hoelzer:

Based upon the information provided in your submittal received 1-14-15, the above referenced plan cannot be approved for Preliminary Plat and Grading Permit until the following comments are addressed:

1. Provide Bench Mark information using NAVD 1988 Datum. Are the elevations shown in the new or old datum?
2. Aerial views show a pond in the NW corner and a channel further south that are not reflected by the existing contours. Are the contours from a historic LIDAR? Google map views show that this site is lower than 98th Street and Blake, but this is not reflected in the contours and flow line elevations. Do you have a current survey? Show Flowline elevations of Gibson, Blake and 98th St.
3. Tract A presently drains through the proposed development. How is Tract A proposed to drain in the interim and future conditions. Since there is no storm drain in 98th street, will Tract A also be discharging to the detention pond?
4. What is the meaning of the hatched line within the pond? It is not on the legend, but appears to be some sort of wall.
5. The outfall structure is 8.5' in diameter that discharges to a 30" SD. For safety reasons, it is preferred to provide a stand pipe/riser, with the top open for emergency overflow.
6. Show Volume and emergency overflow for the detention pond.
7. As-built Shows 30" stub out Inv.= 5097.17, rather than 5099.12 as shown on the Grading plan.
8. How will flows discharge into the pond?
9. Provide Basin Boundary map showing peak flow rate from each basin.
10. Provide Street capacity calculations. On Basin map show the max. peak flows for both the mountable curb sections and the standard curb sections.
11. The referenced Amole-Hubbell report was never approved by the City. It's primary purpose was to evaluate AMAFCA's facilities, but not the storm drain systems. While it provides guidance, further investigation is required to verify the allowed discharge into the 72" Storm Drain in Blake Road.

PO Box 1293

Albuquerque

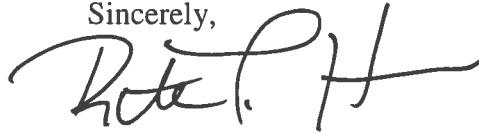
New Mexico 87103

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12. Along that same note, what basins was the 72" Storm Drain in Blake road designed to support? Did it follow the Amole-Hubbell? Have there been any changes to the flow rate or design assumptions since its original design? Provide excerpts from this report to verify its present capacity.

If you have any questions, you can contact me at 924-3695.

Sincerely,

A handwritten signature in black ink, appearing to read "Rita P. H.", with a stylized flourish at the end.

Rita Harmon, P.E.
Senior Engineer, Planning Dept.
Development Review Services

Orig: Drainage file
c.pdf Addressee via Email