

CITY OF ALBUQUERQUE



January 11, 2012

Joseph Barela, P.E.
Joe B. Engineering, Inc.
P.O. Box 5734
Santa Fe, NM 87502

Re: Iden-Samora Compound Grading and Drainage Plan
Engineer's Stamp Dated 12-15-11 (G13/D028)

Dear Mr. Barela,

Based upon the information provided in your submittal received 1-3-12, the above referenced plan cannot be approved for Platting action by the DRB until the following comments are addressed:

- Per the DPM, sites that use retention ponding are to retain the developed flows for the 10-day storm. Since this site is flat, currently does not have a pond, and to accommodate the development of these lots, Hydrology would agree to providing ponding for the 6-hour storm difference, as previously shown, plus the 10-day storm for proposed impervious surfaces. So, for Lot B this would be 704 cu. ft (difference) plus 507 cu. ft. (impervious 10-day) for a total of 1211 cu ft. Standard retention ponding would require 2550 cu. ft.
- Provide volume calculations.
- It seems depressing a larger area, less deep, would accomplish the necessary ponding as well as keeping the landscape areas useful.
- It appears that Lot A will drain to Lot B (68.9 to 68.4). This amount should be noted and accounted for. It could also be ponded on Lot A.
- Where will the swale be built that is detailed on Sheet GD-2?
- Show the high point/water block.
- Show the proposed driveway locations. Most homeowners will not want the pond to be in the driveway.
- Provide a couple proposed spot elevations in the landscape areas so it is easier to see the drainage path to the pond(s).
- Provide benchmark information.
- Provide a Vicinity Map.
- Provide the Flood Zone designation.

If you have any questions, you can contact me at 924-3986.

Sincerely,

Curtis Cherne, P.E.
Principal Engineer, Planning Dept.
Development and Building Services

C: joebengineering@msn.com