CITY OF ALBUQUERQUE

December 7, 2015



Richard J. Berry, Mayor

Dennis A. Lorenz, P.E. Lorenz Design & Consulting, LLC 2501 Rio Grande Blvd NW, Suite A Albuquerque, NM, 87104

RE: Rio Grande Housing – 3010 Rio Grande Blvd Conceptual Grading Plan and Drainage Report Engineer's Stamp Date 10-29-2015 (File: G13D030)

Dear Mr. Lorenz:

Based upon the information provided in your submittal received 10-29-2015, the above referenced Conceptual Grading and Drainage plan cannot be approved for Site Plan for Subdivision or Site Plan for Building Permit until the following items are addressed:

- A Storm Water Pollution Prevention Plan (SWPPP) will be required because the disturbance is larger than 1-acre. The note on the plan (PROPOSED IMPROVEMENTS) needs to be corrected.
- If Lot 3 is to remain undisturbed, it appears that the elevation of Lot 4's SW corner will cause stormwater to spill onto the property to the South.

PO Box 1293

The following item will need to be addressed prior to Building Permit:

Albuquerque

- It is understood that the existing site is difficult to drain. However, some of the elevations along some flowpaths are shown exactly flat. It appears that nuisance ponding will be an issue if positive drainage is not called for, for example:
 - a. Around the 68.0 EL points that surround Lot 5.

New Mexico 87103

- b. The parking stall near the NE corner of Lot 4, and the two parking stalls across the lane.
- c. The flow path along the west side and the carport of Lots 1 and 2.
- d. Along the back of Lot 3.

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Furthermore, we recommend utilizing landscaped areas to manage nuisance ponding where practicable. The average slope across the site appears to be close to 0.5%, which is typically difficult to achieve with asphalt and soft surfaces.

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

Sincerely,

Abiel Carrillo, P.E.

Principal Engineer, Planning Dept. Development Review Services

Orig:

Drainage file

