

CITY OF ALBUQUERQUE



November 20, 2014

Mr. Steve Metro, PE
Wilson & Company
4900 Lang Ave NE
Albuquerque, NM 87109

**Re: Lot 24 Rancho Guadalupe Subdivision
Grading and Drainage Plan
Engineer's Date 10-16-14 (F13D002C)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 11-3-14, the above referenced plan is not approved for Building Permit. Please address the following comments:

1. Provide a percolation pit detail that is per the master drainage plan. The pit should release to the sand strata.
2. The First Flush was not discussed. Per the City Drainage ordinance, the 90th Percentile Storm Event, which is 44 inches, is to be managed. Reduce 0.44 inch by the 0.1 inch for the initial impervious abstraction in Table A-6 of Section 22 of the DPM. Multiply the remaining 0.34 inch by your impervious area. This is the amount of the First Flush necessary for the site. Show that amount on your plans. State that the capacity provided by the proposed ponding is greater than what is required for the First Flush.
3. The 74 contour is not addressed in the back. Is the back wall acting as a retaining wall or is there simply a steep grade?
4. Provide a discussion of the 100 Year Flood Plain.
5. Include a site map with the site identified.

If you have any questions, you can contact me at 924-3994.

Sincerely,

Amy L. D. Niese, P.E.
Senior Engineer, Hydrology
Planning Department

C: e-mail
file