

CITY OF ALBUQUERQUE



November 19, 2014

Mr. Reza Afaghpour, PE
SBS Construction
10209 Snowflake Court NW
Albuquerque, NM 87114

**Re: 3440 2nd Street NW
Grading and Drainage Plan
Engineer's Date 10-31-14 (G14D087)**

Dear Mr. Reza,

Based upon the information provided in your submittal received 10-31-14, the above referenced plan is not approved for Grading Permit nor Building Permit. Please address the following comments:

1. A pond is being shown with a top elevation of 4973. The surrounding elevations are as high as 4975. Provide tie-in contours. They should be at less than 3:1 slope in relationship to the pond. Also show how existing grades are being tied into on the full length of the east side of the property. Will there be a steep slope along that edge?
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 pond is greater than what is required for the First Flush.
3. Provide a discussion of the 100 Year Flood Plain.
4. In the AHYMO run for the historical condition, the existing flows should reflect an impervious area that is greater than 40%.

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