

# CITY OF ALBUQUERQUE



October 14, 2014

Mr. Scott McGee, PE  
9700 Tanoan Drive NE  
Albuquerque, NM 87113

**Re: Santuario De San Martin De Porres Church  
Scott McGee's Engineer's Stamp 10-1-14 (M10D002)**

Dear Mr. McGee,

Based upon the information provided in your submittal received October 2, 2014, the above referenced plan is not approved for SO-19 nor Building Permit action by the DRB until the following comments are addressed.

1. The existing site produces 16.0 cfs and has retention ponds. While the proposed solution is to discharge 15.2 cfs which is less than the 16.0 cfs currently produced, the proposed discharge is still 15.2 cfs more than historic discharge.

There are several options for this site. One is to continue to do full retention on site for all flows. Another is to discharge 0.1 cfs/acre or less. Another is to analyze the contributing basin and capacity of the 24 inch storm drain in Unser and discharge less than that amount.

2. In your narrative, you are providing 750 cf of storage for the First Flush at a 6 inch depth. However, the bottom of the western pond is at 54.00 and the invert out is 54.20 which is not 6 inches of depth. Provide the 6 inches of depth in the pond.
3. Quantify the how much area is being provided by the 3" by 3" holes in the wall. Demonstrate the flow is not being restricted by the wall.
4. How high is the maximum water surface elevation in the parking lot by the sidewalk culvert? How did you arrive at 4.6 cfs for each sidewalk culvert? The finished floor of the existing main building 52.4 from a plan submitted by you in 2010. The wse should be below that.
5. CoA Standard Drawing 2236 is referenced in the drawings. Include on the plan the Modified Section B-B which is attached.
6. Many proposed spots seem to be turned off. Proposed improvements and existing grades have the same line weight. A 60 contour and a 57 contour seem to disappear. Please revise accordingly.

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

Sincerely,

Amy L. D. Niese, PE  
Senior Engineer, Hydrology  
Planning Department

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