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**Albuquerque
Metropolitan
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July 20, 2015

Mr. Glenn Broughton, P.E., LEED AP
Bohannon Huston, Inc.
7500 Jefferson St. NE, Courtyard I
Albuquerque, New Mexico 87109

Via: Electronic Mail

Re: Presbyterian Paradise Clinic Grading & Drainage Plan, ZAP C-12
Preliminary Plan Dated June 25, 2015

Dear Mr. Broughton:

I have reviewed the referenced plan. The plan is in conformance with the Master Drainage Plan for the Fountain Hills development with regard to free discharge and first flush water quality treatment. I offer the following comments with regard to the 24-inch pipe outfall to the AMAFCA Lot 6-A-1-A pond:

1. Label the AMAFCA right-of-way on the plan. Will there be any space between the retaining wall and the existing maintenance road?
2. Provide a cross-section profile of the pipe connection to the pond. Label all features such as retaining wall, right-of-way, maintenance road, riprap rundown, outfall pipe and erosion control.
3. The slope on the outfall pipe to the pond is 11.7%. What is the velocity? A normal riprap pad will not be adequate for erosion protection. AMAFCA will require a riprap bowl dissipator with riprap protection at the bowl outlet. See attached bowl dissipator design notes.
4. Add a note that the existing wire fence tee posts on the west side of the pond will be salvaged to AMAFCA.

The license for the private storm drain outfall to the AMAFCA pond will be presented at the July 30th Board of Directors meeting. I will notify you of the Board's vote or direction. If you have any questions, please call me at 884-2215.

Sincerely,
AMAFCA

Lynn M. Mazur, P.E., C.F.M.
Development Review Engineer

C: Rita Harmon, City Hydrology