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**Albuquerque
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February 11, 2015

Ms. Diane Hoelzer, P.E.
D. Mark Goodwin & Associates, P.A.
P.O. Box 90606
Albuquerque, NM 87199

Via: Electronic Mail

Re: Anasazi Ridge Unit 3 Revised Grading and Drainage Plan, ZAP A-10
Engineer's Stamp Dated 2/2/15

Dear Ms. Hoelzer:

I have reviewed the revised plan with respect to the outfall from the McMahon/Kayenta intersection and flow across the AMAFCA easement. I have the following comments:

1. The discharge from the end of the asphalt swale will be highly erosive and potentially damaging to private property at velocities higher than 3 feet per second. A riprap or concrete swale should be extended to the soil cement on the Calabacillas Arroyo.
2. The temporary asphalt channel rundown from the intersection could be there for several years. Asphalt channels degrade after a few years as evidenced by the ones along Rio Bravo Boulevard west of I-25 and along north Tramway Boulevard. AMAFCA recommends the rundown be constructed with riprap or concrete.
3. On page 6 of the Drainage Report dated 10-24-14, the 100-year flow rate from the intersection is stated to be 47 cfs. The calculations in Appendix C are for 18 cfs. Please clarify.

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