



August 9, 2013

Brad Bingham, P.E.
AMAFCA
bbingham@amafca.org

Re: Amole-Hubbell Drainage Master Plan Update
Engineer's Stamp Date 5-30-2013 (N09D000)

Dear Mr. Bingham,

Based upon the information provided in your submittal received 6-19-13, the above referenced plan cannot be approved until the following comments are addressed:

1. As mentioned in my previous comments, the size of this document does not fit in our filing system. Hydrology had to cut the cover and fold every sheet in half to file it. A majority of Hydrology's comments would be addressed if the formatting of this document was different. Full-size sheets could be used so that streets and storm drains can be labeled.

2. Numerous sheets do not show the size of the existing storm drain.

3. On p.5, what storm was used for the hydrology? The AHYMO summary indicates a 24-hr storm was used. The 6-hr storm should be used for pipes and street capacity.

4. The flow rates should be included in the hydrologic model diagrams. Due to routing, one cannot just read the flows from the table to figure out how much flow is in each storm drain/channel.

5. Is pond SV10 labeled on Figure 3-5? I couldn't find it.

6. On Page 18, street names are mentioned that should be shown on the figure.

7. If development occurs in the South Powerline Basin, what is the engineer's recommendation for storm drain, pond sizes and allowable discharge per acre?

8. Please provide documentation for maintenance of Ponds SP1 through SP7. It is my understanding that the City is only responsible for maintenance of ponds SP1B and SP1A.

9. It would be helpful in basins where storm drain is proposed that the street names are labeled. Perhaps an additional sheet at a 1:100 scale or smaller would work.

CITY OF ALBUQUERQUE



10. Provide a flow arrow for each sub-basin that shows the approximate outfall location.

It is clear that the engineer did their homework on this plan. With a different format this document would be a more useful tool for drainage engineers.

If you have any questions or would like to meet to discuss, you can contact me at 924-3986.

Sincerely,

A handwritten signature in black ink, appearing to read 'Curtis Cherne'.

Curtis Cherne, P.E.
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