

CITY OF ALBUQUERQUE



January 16, 2013

J. Graeme Means, P.E.
High Mesa Consulting Group
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

**Re: Southwest Capital Bank,
Grading & Drainage Plan
Engineer's Stamp dated 1/11/13 (J13/D093)**

Dear Mr. Means,

Based upon the information provided in your submittal received 1-1-13, the above referenced plan can not be approved for Building Permit or SO-19 until the following comments are addressed.

- All landscape areas are to be depressed. At the NW corner why not get rid of the berm, depress the landscape and move the basin line to the back of curb and add a sidewalk culvert.
- Flows are not allowed to exit the site over a public sidewalk. The flows from basin 1 and part of basin 2 seem to be flowing over the public sidewalk.
- Are the flows in basin 2 retained or detained. If retained where is the emergency over flow and at what rate? If detained what are the roof drain bubblers attached to for exiting flows? Would the roof drain bubblers function better if surrounded by gravel and not concrete?
- Are the roof drains attached directly to the drainage system?
- The second graph shows that the first flows are exiting at time $t = 0$ hrs and retaining at $t = .15$ hrs. Is the table labeled wrong?
- Provide pond volume calculations.

PO Box 1293

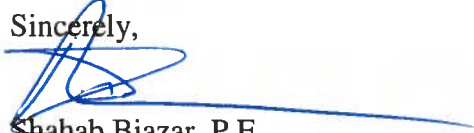
Albuquerque

NM 87103

www.cabq.gov

If you have any questions, you can contact me at 924-3695 or Rudy Rael at 924-3977.

Sincerely,


Shahab Biazar, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

RR/SB
C: e-mail