

CITY OF ALBUQUERQUE



October 31, 2013

Philip W. Clark, P.E.
Clark Consulting Engineers
19 Ryan Road
Edgewood, NM 87015

**Re: Gillani Residence, Grading and Drainage Plan
Lot 10, Block 1, Tract 3, Unit 3, NAA
8800 Modesto Ave., NE
Engineer's Stamp dated 9-30-13 (C20/D068)**

Dear Mr. Clark,

Based upon the information provided in your submittal received 10-03-13, the above referenced Grading and Drainage Plan cannot be approved for building permit based on the following comments:

- The contractors in most cases grade/disturb the entire lot. Therefore, under developed conditions land treatment A should be zero. Please also double check land Treatment D.
- Provide an offsite basin map. How much runoff will be draining through the 18" CMP proposed in the road?
- Provide culvert capacity calculations for all the pipes. Is the swale north side of the property sized adequately to carry the offsite runoff from the east?
- Provide detail elevations for the entrances and the culvert crossing. Please include edge of the asphalt along Modesto and top of culvert elevations.
- Provide riprap at the outlet of the pipes.

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New Mexico 87103

www.cabq.gov

Recommendation:

- Carry the offsite runoff from southeasterly portion of the lot to the north to Modesto in a swale and avoid building additional culvert and improvement in front of the Garage.

If you have any questions, you can contact me at 924-3695.

Sincerely,

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

C: e-mail