

CITY OF ALBUQUERQUE



September 5, 2012

Ronald Bohannon, P.E.
Tierra West, LLC
5571 Midway Park Place NE
Albuquerque, NM 87109

**Re: Boulders Phase I and II
Grading and Drainage Plan
Engineer's Stamp Date 8/28/2012 (B11/D001C)**

Dear Mr. Bohannon,

Based upon the information provided in your submittal received 8/28/2012, the above referenced Grading and Drainage Plan can not be approved until the following comments have been addressed:

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

- Check the grades along Big Rock Dr. right-of-way. Retaining walls may be required.
- Check the grades on the north side of Lot 21. The existing contour is shown at 5381 and spot elevation is at 5375.94.
- Proposed concrete channel between Lots 29 and 30 should be constructed to City Std. DWG.# 2260. Provide channel flow capacity calculation.
- Storm drain pipe should be extended to intercept the 34 cfs at the south end of the channel.
- Show the spot elevation at the entrance to the school to assure water block is provided.
- Show the flow line elevations along Paradise Boulevard by the Big Rock Dr.
- Riprap may be required at the south end of the Big Rock for erosion protection.
- Call out top of wall and top of footing for the retaining walls on the grading plan. Please make sure that the footing will not be exposed along Unser Boulevard or any other public roads.
- When calculating street capacity calculations please subtract the amount of runoff intercepted by the inlets. Provide an exhibit showing the storm drain system with inlet numbers, pipe numbers, flows and flow depth in the street at APs, flows intercepted by the inlets and flows inside the pipes.
- Provide pond calculations in support of the WSEL for both retention ponds. Please make sure the volume numbers are the same between the drainage report and the plans.
- Provide the AHYMO output file for ultimate conditions of the proposed detention pond, pond calculations, and overall basin map.

Mr. Ronald Bohannon, P.E.

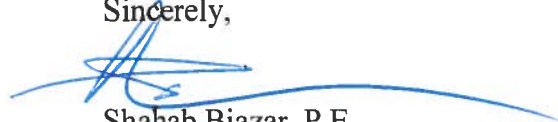
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- Please provide as-built elevations for the exiting retention pond.
- Modify the infrastructure if necessary to reflect the proposed changes on the grading and drainage plan.
- Where is the emergency overflow for the proposed retention pond west of Phase II.

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

Sincerely,



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

C: e-mail
