

CITY OF ALBUQUERQUE



April 24, 2013

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

**Re: Albuquerque Sporting Center, Tract A-1, Albuquerque West Unit 2
Grading and Drainage Plan
Engineer's Stamp dated 4-17-13 (C13/D029)**

Dear Mr. Bohannon

PO Box 1293

Based upon the information provided in your submittal received 4-19-13, the above referenced report can not be approved for Site Plan for Building Permit based on the following comments:

Albuquerque

NM 87103

www.cabq.gov

- Submit a drainage report including all the supporting documents and calculations.
- Quantify the offsite flows using 100-year/6-hour storm. Modify all other calculations using the 100-year/6-hour storm.
- Provide a street section at its existing conditions including the water surface elevation just west of the project.
- Provide a street section at the point where the runoff enters the drainage easement from Paradise Boulevard. Please include additional spot elevations at this location. Include the water surface elevation and flow analysis to determine the amount of runoff which will enter the easement and the amount that will bypass the opening. What is the size of the opening and how was the size determined?
- How will the proposed trees and landscaping impact the flow within the channel?
- Provide a phasing Grading plan. How will the runoff reach the existing concrete rundown? Will there be a graded swale passed Phase-I? Will there be a desilting pond at the discharge point of the runoff into the existing concrete rundown?
- 2-34" pipes are called by the easterly entrance. Are these Elliptical pipes?
- Provide a detail at the discharge of the runoff into the existing concrete rundown.
- A recorded "Maintenance and Covenant Agreement" will be required.

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The following comments should be addressed prior to Building Permit Approval:

- Approval from NMDOT will be required for the work along Paseo Del Norte.
- Flows at the proposed pipes appear to be at inlet control. Please provide calculations to assure adequate head is provided. Will there be end sections?

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