

CITY OF ALBUQUERQUE



June 24, 2014

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

**Re: FedEx Ground Drainage Report and Conceptual Grading Plan and Drainage Plan
Engineer's Stamp Date 5-19-14 (K09D026A)**

Dear Mr. Bohannon,

Based upon the information provided in your submittal received 5-20-14, the above referenced report and plan cannot be approved for Site Plan for Building Permit action by the DRB until the following comments are addressed:

1. The area in the existing conditions that drains to this site appears to be closer to 37 ac, not the 12.5 ac in the report. Show the extents of the offsite basin on a plate.
2. The report references that routing flows from the site and upland basin is by a report prepared by Easterling Consultants, LLC. This report is not approved and uses HEC-HMS. There are some fundamental issues that still need to be worked out. This report should also reference the Master Drainage Plan for the Westside Transit Facility prepared by Smith Engineering February 2001.
3. Where does the report provide the flow and volume for the site?
4. Per Easterling and Consultants engineer the FedEx pond (ex. Pond 5 Unser Diversion) is allowed 10 cfs. This should be stated in the report.
5. Provide calculations that show the required pond volume.
6. This report should size the storm drain in Los Volcanos Rd. How far west is the storm drain to be extended in Los volcanos Rd?
7. Why is there an interim Post Developed basin Table? Why not just existing and developed?
8. The easement for floodplain and drainage works is to be vacated.
9. A slope easement is required on Tract 6.
10. Add a LOMR to the infrastructure list with a value of \$30,000.

The plan was not reviewed at the building Permit level; however, when submitting for Building Permit the following items should be addressed:

11. The outlet structure for Pond 5 is to be modified as the existing 8" holes easily plug. Hydrology would like a ported riser design. In addition, provide the as-builts for the outlet structure
12. The offsite area that historically drained to Pond 5 in the existing condition should be accommodated by inlet 9.

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Sincerely,

A handwritten signature in black ink, appearing to read 'Curtis Cherne', written in a cursive style.

Curtis Cherne, P.E.
Principal Engineer, Hydrology
Planning Dept.

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Albuquerque

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