## CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

July 10, 2017

Fred C. Arfman, P.E. Isaacson & Arfman, P.A. 128 Monroe St. N.E Albuquerque, NM, 87108

RE: Ladera Crossing Self Storage

**Grading Plan** 

Stamp Date: No Stamp Date

Hydrology File: J09D026 H09O0Z8

Dear Mr. Arfman:

PO Box 1293

Based upon the information provided in your submittal received 6/30/2017, the Grading Plan **is not** approved for Building Permit. The following comments need to be addressed for approval of the above referenced project:

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New Mexico 87103

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- 1. The site currently shows more than 1 acre of disturbance is being proposed. An Erosion and Sediment Control Plan is required and has to be submitted to the storm water quality engineer (Curtis Cherne, PE, <a href="mailto:ccherne@cabq.gov">ccherne@cabq.gov</a>). An approval for this must be given prior to Hydrology's approval for Building Permit.
- 2. Please provide an engineer's stamp with a signature and date.
- 3. Please remove the word "Conceptual" from the sheet title. A grading and drainage plan is needed for a building permit.
- 4. This site was included in a drainage study entitled, "Ladera Drive Improvements Gavin Road to Coors Boulevard Drainage Anaysis Memo" by Parsons Brinckerhoff dated August 10, 2015. Please reference this study on the sheet.
- 5. Please provide the first flush calculations and show each pond volume on the plan at each pond.
- 6. Please provide the calculation for the sizing of the sedimentation pond at the northeast corner of the site.

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- 7. Please provide the calculation for the sizing of the temp sedimentation/future detention pond.
- 8. Please provide the weir calculations for the curb cuts.
- 9. Please provide the pipe size and pipe slope of the proposed drain pipe that connects the sedimentation pond at the northeast corner of the site to the first flush pond in the southeast corner of the site.
- 10. Please provide the proposed grades at the retaining wall along the south section of the first flush pond in the southeast corner of the site.
- 11. Please provide a typical detail for the turned CMU block. This block needs to be at least four (4) inches above the proposed grade to avoid clogging.
- 12. Please provide a Private Facility Drainage Covenant per Chapter 17 of the DPM.

PO Box 1293

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Albuquerque

Sincerely,

New Mexico 87103

Reneé C. Brissette, P.E. Senior Engineer, Hydrology Planning Department

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