

CITY OF ALBUQUERQUE



April 25, 2013

John Blessen, P.E.
J. Arthur Blessen Engineering
No Address Provided

Re: American Tire Warehouse Addition, Grading and Drainage Plan
Engineer's Stamp Date 03-27-2013 (C-17/D015)

Dear Mr. Blessen,

Based upon the information provided in your email received 03-27-13, the above referenced plan is approved for Site Plan for Building Permit, however, cannot be approved for Building Permit until the following comments are addressed:

- Please provide routing calculations to show how the proposed pond will drain over time.
- It appears that the proposed discharge rate of 14.4 cfs will exceed the limit set forth by the SAD 201 drainage report of 14.2 cfs; please provide all supporting documentation reflecting this limitation.
- The pipe connection to the back of the existing inlet will need to be constructed under SO-19 guidelines and inspected. The SO-19 standard language should be placed on the grading plan.
- It appears that a portion of the flows on the southwestern edge of the property are being directed towards the adjacent lot. How will these flows be contained?
- Both Basin A and a portion of Basin C should not be calculated as containing "100% Treatment Type A" as existing conditions. Basin B also has been mass graded and should not be considered treatment type A in its existing condition.
- Various references are made throughout the drainage report of an on-site "retention pond"; the wording should be changed to "detention pond" since flows are being discharged off-site through the storm drain connection.
- The 100-year water surface elevation should be shown on the proposed pond along with the pond volume; please provide a legend on the plan for clarification of line types. If the pond will take longer than 6 hours to drain a 24-hour storm event will be required for pond sizing.
- The project will also require an Erosion and Sediment Control Plan to be submitted to Hydrology and approved prior to building permit approval.

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: Email