

CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

March 24, 2017

Jake Bordenave, P.E., P.S
Bordenave Designs
PO Box 91194
Albuquerque, NM, 87199

RE: **Rain Tunnel Car Spa**
5401 Sevilla Ave
Grading and Drainage Plan
Engineer's Stamp Date 2/27/17 (File: F11D016)

Dear Mr. Bordenave:

Based upon the information provided in your submittal received 3/9/17, the Grading and Drainage Plan cannot be approved for Building Permit until the following are addressed:

1. Provide confirmation from the NMDOT's Drainage Section that the stub can still be used for this project under the proposed condition.
2. A pdf of the Grading and Drainage Plan, emailed to PLNDRS@cabq.gov, is required with this submittal.
3. Provide volume calculations for the volume of the storage chambers. Note that the City permits only 30% void space in gravel bed storage calculations, whereas StormTech generally assumes 40%.
4. First flush volume should be based on $\text{AreaImpervious} \times (0.44 - 0.10) / 12$, not $\text{AreaImpervious} \times (0.42 - 0.10) / 12$.
5. Provide a waterblock, at least 0.87' high, at the entrance off Costa Almeria.
6. Confirm placement of keyed notes; several look out of place such as #11 at the entrance off Sevilla and #15 in the northern parking island.
7. This work requires an Erosion and Sediment Control Plan to be submitted to the storm water quality engineer (Curtis Cherne, PE, ccherne@cabq.gov).

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If you have any questions, please contact me at 924-3695 or dpeterson@cabq.gov.

Sincerely,

Dana Peterson, P.E.
Senior Engineer, Planning Dept.
Development Review Services

PO Box 1293

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