

# CITY OF ALBUQUERQUE

Planning Department  
David Campbell, Director



Mayor Timothy M. Keller

October 23, 2018

Glenn Broughton PE  
Bohannon Huston, Inc.  
7500 Jefferson St NE  
Albuquerque, NM 87109

RE: **Oso Bio Syringe Line**  
**4401 Alexander Blvd NE**  
**Grading and Drainage Plan for Building Permit**  
**Engineer's Stamp Date 10/16/2018 Disapproved**  
**Hydrology File: F16D003B1**

Dear Mr. Broughton,

PO Box 1293

Based on the submittal received on 10/17/2018 the above-referenced Grading Plan and Drainage Plan cannot be approved until the following are corrected and a complete resubmittal is made:

Albuquerque

1. A digital (.pdf) submittal, emailed to [PLNDRS@cabq.gov](mailto:PLNDRS@cabq.gov) is required and the HEC-HMS model must be provided to verify use of the prescribed precipitation distribution and lag time.

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2. The SO-19 notes need to be on the same sheets as the SO-19 Permit work. Work to be performed by SO-19 permit needs to be called-out as such. Call-out Std Dwg 2236 for construction of the sidewalk culverts.

www.cabq.gov

3. The concrete rundown at the Montbel Pl driveway to be closed needs to include sidewalk culverts from ROW line to the face of curb to accommodate future sidewalks. The culverts will need to be ADA compliant (1.5% slope, 2% max) and constructed by SO-19 Permit. Confirm that the open channel calculation was made assuming a 1.5% slope (not 2% as shown) and update the calculations to reflect sidewalk culvert cross sections.

4. Provide detailed survey and spillway capacity calculations of the emergency spillway/driveway and along the top of berm. It appears that the top of berm is ~5038' and the spillway/driveway overflows at 5037.95'. Per Transportation's comments on the TCL, this driveway needs to be closed. So a new emergency spillway will need to be specified, complete with capacity calculations and freeboard.

5. The proposed 100-yr WSEL needs to be shown on the pond in plan view and in the sections. Also, any trees/brush that are growing into the side of the berm (especially towards the east end) should be removed with this project.

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6. Specify a grate to prevent clogging of the outfall pipes to be placed over the entire headwall/wingwalls of the outlet structure.
7. Exhibit 'A' to the drainage covenant needs to include the entire pond and its emergency spillway; the east side of the pond and the spillway are missing. The drainage covenant must be signed by the "owner" of the property that the pond is located on, Tract A. If a separate agreement between the two property owners, Tract A and Tract B, is required by the owner of Tract A, the City does not need to be a party to that agreement. The owner's signatures must be notarized and the original document together with a \$25 check payable to the Bernalillo County must be submitted to Madeline Carruthers on the 4<sup>th</sup> floor.

An Engineer's Certification will be required prior to Hydrology approval of the Certificate of Occupancy. The Engineer's Certification must be placed on the approved Grading and Drainage Plan after the revised plan gets approved. It should include as-built survey information from a registered professional surveyor and a certification statement from a registered professional engineer. The Drainage Covenant must also be recorded in the County Records Room prior to Hydrology approval of the Certificate of Occupancy.

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If you have any questions, please contact me at 924-3695 or [dpeterson@cabq.gov](mailto:dpeterson@cabq.gov).

Albuquerque

Sincerely,

NM 87103

Dana M. Peterson  
Senior Engineer, Planning Dept.  
Development Review Services

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