

# CITY OF ALBUQUERQUE

Planning Department  
Brennon Williams, Director



Mayor Timothy M. Keller

March 16, 2020

Phillip W. Clark, PE  
Clark Consulting Engineers  
19 Ryan Rd  
Edgewood, NM 87015

**RE: Alvarado Roofing  
4015 Hawkins St. NE  
Grading and Drainage Plan  
Engineer's Stamp Date: 02/20/20  
Hydrology File: D17D008**

Dear Mr. Clark:

PO Box 1293

Albuquerque

NM 87103

[www.cabq.gov](http://www.cabq.gov)

Based upon the information provided in your submittal received 03/10/2020, the Grading & Drainage Plan **is not** approved for Building Permit, SO-19 Permit, and for action by the DRB on Preliminary Plat. The following comments need to be addressed for approval of the above referenced project:

1. Please use the drafting standards outlined in the DPM. Plans need to be black & white with appropriate line weights for existing and proposed items. Color plans are very hard to read.
2. Please provide the FIRM Map and floodplain note with effective date.
3. Under Existing Conditions, please correct the last statement ... "Volume 100 = 8203 CF [XXX]". What is the [XXX]?
4. Please make the storm water quality (SWQ) volume calculation a more clearly readable. Please also state the total provided storm water quality volume for the site.
5. For the sidewalk culverts, instead of the orifice equation which was used, the broad crest weir equation (equation 6.60 in the DPM) must be used, not the orifice equation. A coefficient of 2.7 is typically used for the equation  $Q = CLH^{2/3}$ .
6. Please reference City of Albuquerque standard detail No. 2236 – Sidewalk Culvert with Steel Plate Top at the sidewalk culvert.
7. Please update the SO-19 Permit Notes. See Attachment.

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8. Please provide the proposed grades or existing grades on both sides of the proposed retaining walls and provide the top of wall elevation as well.
9. Please provide cross sections of the retaining walls along each property line. These sections should include the property line, the footer of the retaining wall, the distance between the property line and the wall, and any other pertinent information.
10. Per DPM Ch. 22.5.B, grading and construction of retaining walls at or near the property line must demonstrate that the adjacent property is not damaged or its use constrained. Any such encroachment by the wall or grading must be accompanied by written permission of both landowners. Also any such encroachment by the wall within the City's R.O.W. must be accompanied by a licensing agreement.
11. As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, [jhughes@cabq.gov](mailto:jhughes@cabq.gov), 924-3420) 14 days prior to any earth disturbance.
12. Also as a reminder, please provide a Drainage Covenant for the proposed Stormwater Quality Ponds per Chapter 17 of the DPM prior to Permanent Release of Occupancy. Please submit this on the 4th floor of Plaza de Sol. A \$25 fee will be required.
13. Standard review fee of \$150 will be required at the time of resubmittal.

If you have any questions, please contact me at 924-3995 or [rbrissette@cabq.gov](mailto:rbrissette@cabq.gov).

Sincerely,

Renée C. Brissette, P.E. CFM  
Senior Engineer, Hydrology  
Planning Department



