

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

March 25, 2025

Gilbert Aldaz
Applied Engineering & Surveying, Inc.
1605 Blair Drive NE
Albuquerque, NM 87112

RE: Lands of Joe Grady
3815 Pedroncelli Rd. NW
Grading & Drainage Plan
Engineer's Stamp Date: no stamp/no date
Hydrology File: F13D038
Case # HYDR-2025-00095

Dear Mr. Aldaz:

Based upon the information provided in your submittal received 03/24/2025, the Grading & Drainage Plan is **not** approved for Grading Permit, Building Permit, or action by the DFT/DHO for platting action. The following comments need to be addressed for approval of the above referenced project:

PO Box 1293

Albuquerque

NM 87103

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1. Per the DPM, the following must be on the Grading Plan. Please note the Grading Plan must be a stand-alone construction document.
 - Please provide a licensed New Mexico civil engineer's stamp with a signature and date.
2. Since this site is in the Valley region, please follow Article 6-5 Valley Drainage Criteria of the DPM. The following conditions must be applied to the site:
 - A permanent perimeter wall or barrier around the development is required to contain the 100 year 24 hour storm developed runoff
3. Please check the calculation section for LOT 2 to ensure consistency with Pond Volume Required and Pond Volume Provided.

LOT 2:
TOTAL AREA OF LOT = 0.442ACRES
TYPE "D" TREATMENT = PROPOSED ROOF AREAS (3,600SF) + PROPOSED CONCRETE AND PAVED AREAS (2,000SF) = 5,600SF = 0.129AC
TYPE "C" TREATMENT = REMAINING DISTURBED AREAS COMPACTED BY HUMAN ACTIVITY = 0.442AC - 0.129 = 0.313AC
TREATMENT AREA(ACRES)
A 0
B 0
C 0.31
D 0.13
 $Q(PROPOSED-6HR) = (3.05 \times 0.31) + (4.34 \times 0.13) = 1.51 CFS (6HR) PROPOSED ONSITE FLOW$
 $V(PROPOSED-6HR) = ((1.03 \times 0.31) + (2.33 \times 0.13)) / 12 = 0.052AC-FT$
 $= 2.259CF PROPOSED VOLUME$
 $V(PROPOSED-10DAYS) = V(6HR) + ((A(I)MP) \times (P(10DAYS) - P(6HR)) / 12IN/FT$
 $P(6HR) = 2.29IN P(10DAY) = 3.62IN$
 $V(PROPOSED-10DAYS) = 0.052AC-FT + ((0.13) \times (3.62IN - 2.29IN) / 12IN/FT = 0.066AC-FT$
 $V(PROPOSED-10DAYS) = 0.066AC-FT \times 43,560CF/AC = 2,892CF POND VOLUME REQUIRED FOR DEVELOPED CONDITIONS$

PROPOSED RETENTION POND VOLUME PROVIDED FOR LOT 2				
ELEV.	AREA(SF)	AVG. AREA(SF)	DEPTH(FT)	VOLUME(CF-FT)
4972.2 BTM	3,479			
		4,989	0.8	3,991
4973.0 TOP	6,499			
				2,795C

PROPOSED RETENTION POND VOLUME PROVIDED = 2,795CF > 2,500CF
RETENTION POND REQUIRED FOR LOT 2 OK

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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, 505-924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

Sincerely,



Anthony Montoya, Jr., P.E.
Senior Engineer, Hydrology
Planning Department, Development Review Services

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