## CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



July 9, 2024

Verlyn Miller, P.E. Miller Engineering Consultants, Inc 3500 Comanche NE Bldg. F Albuquerque, NM 87107

**RE:** AFD Fire Station 4

**Grading and Drainage Plans Engineer's Stamp Date: no stamp** 

Hydrology File: H14D120

Dear Mr. Miller:

PO Box 1293

Based upon the information provided in your submittal received 06/28/2024, the Grading & Drainage Plans **are not** approved for DFT Concept Approval. The following comments need to be addressed for approval of the above referenced project:

Albuquerque

#### SHEET CG-101

NM 87103

- 1. Drainage Report Existing Conditions Add to the section that this site is within the Mid-Valley DMP and can only discharge as if it were a park.
- 2. Verify the calculations for Ew, V(100-6), V(100-24), and Q(100).

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3. Check the Flood Zone Map referenced. The FEMA Flood Map Service Center shows: 35001C0332G – 9/26/2008.

#### SHEET C-101

- 4. Please use 1'' = 20' for the scale.
- 5. At the southern entrance along McKnight, the Type A inlet will need to be replaced (using the Work Order Process) with a Grate inlet.

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Mayor Timothy M. Keller



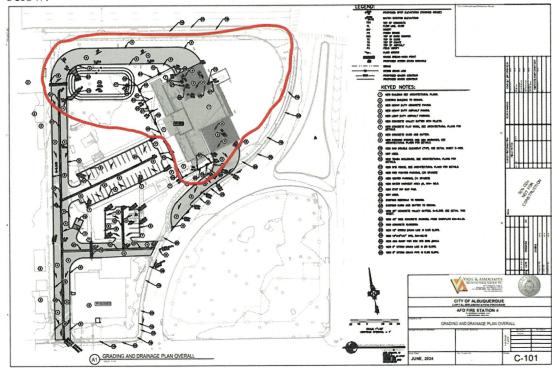
- 6. Pond Sizing: The required size of the detention pond will be for the detention of water volume for the difference between the existing and proposed development.
- 7. Verify that the pond volume will be sufficient to capture the flows from the area shown below.

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8. The proposed 36"concrete valley gutter shown will not work for this site due to the water detention requirements. Instead, please replace this infrastructure with storm pipe and manholes to convey the captured flows to the pond.

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

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

Sincerely,

Anthony Montoya, Jr., P.E. Senior Engineer, Hydrology

Planning Department, Development Review Services

Albuquerque

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