

# CITY OF ALBUQUERQUE

Planning Department  
Brennon Williams, Director



Mayor Timothy M. Keller

November 10, 2020

Matthew D. Kuehn, P.E.  
Ware Malcomb  
2777 E. Camelback Rd, Suite 325  
Phoenix, AZ 85016

**RE: 3801 Paseo Del Norte Blvd. NW**  
**Grading & Drainage Plan**  
**Engineer's Stamp Date: 10/06/20**  
**Hydrology File: C17D129**

Dear Mr. Kuehn:

Based upon the information provided in your submittal received 10/29/2020, the Grading & Drainage Plan **is not** approved for Grading Permit and Paving Permit. The following comments need to be addressed for approval of the above referenced project:

1. There are several items missing from the Grading & Drainage Plan as outlined in the DPM. Please add the following items to the plan.
  - a. Please provide a Vicinity Map. Typically, this is the Zone Atlas. This can be downloaded in pdf format from the City of Albuquerque's website.
  - b. Please provide the Benchmark information (location, description and elevation) for the survey contour information provided.
  - c. Please provide the FIRM Map and flood plain note with effective date.
  - d. Please provide a legal Description of the property.
2. Please use the procedure for 40 acre and smaller basins as outlined in Development Process Manual (DPM) (signed 06/08/20) Article 6-2(a). Please provide both the existing conditions and proposed conditions for the 100 year-6 hour storm event.
3. Provide management onsite for the Stormwater Quality Volume (SWQV) in accordance with the new drainage ordinance, § 14-5-2-6 (H) enacted 10/2/18 (Council Bill C/S O-18-2). Please show the top and bottom of the ponds along with the volume for each pond. The onsite drainage should be directed to these ponds prior to being collected in a private unground drainage system. Please follow the DPM (signed 06/08/20) Article 6-12 Stormwater Quality and Low-Impact Development for the sizing calculations. This pond should be at the location where runoff is being discharged into the existing ditch.
4. Please show the existing offsite  $Q_{100}$  of 43.16 cfs at the edge of the east property line within the existing drainage ditch.

PO Box 1293

Albuquerque

NM 87103

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

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5. At the project's runoff is being discharged, please provide the weir calculations, per DPM Article 6-16(A), for the curb cuts and sidewalk culverts. A coefficient of 2.7 is typically used for the weir equation  $Q = CLH^{2/3}$ .
6. Please confirm that the existing drainage ditch can handle both the off-site drainage and the proposed drainage for this site.
7. Please confirm the existing culvert is a 36-in RCP or a 36-in CMP. This pipe has both labels. It appears that this pipe is a 36-in CMP.
8. Please confirm that the existing culvert (36-in CMP) can handle both the off-site drainage and the proposed drainage for this site. By my quick calculations the existing CMP can only handle about 46.8 cfs of which the off-site drainage alone is 43.16 cfs. An additional culvert with headwall for both pipes may have to be installed.
9. 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.
10. 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*

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

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# City of Albuquerque

Planning Department  
Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

**Project Title:** 3801 PASEO DEL NORTE NE **Building Permit #:** \_\_\_\_\_ **Hydrology File #:** \_\_\_\_\_

**DRB#:** \_\_\_\_\_ **EPC#:** \_\_\_\_\_ **Work Order#:** \_\_\_\_\_

**Legal Description:** \_\_\_\_\_

**City Address:** 3801 PASEO DEL NORTE NE

**Applicant:** MATTHEW KUEHN **Contact:** CIVIL ENGINEERING

**Address:** 2777 E. CAMELBACK ROAD, SUITE 325 **MANAGER**

**Phone#:** 480.767.1001 x1903 **Fax#:** \_\_\_\_\_ **E-mail:** mkuehn@waremalcomb.com

**Other Contact:** \_\_\_\_\_ **Contact:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**TYPE OF DEVELOPMENT:** \_\_\_\_\_ PLAT (# of lots) \_\_\_\_\_ RESIDENCE \_\_\_\_\_ DRB SITE ☒ ADMIN SITE

IS THIS A RESUBMITTAL? \_\_\_\_\_ Yes ☒ No

**DEPARTMENT** \_\_\_\_\_ TRANSPORTATION ☒ HYDROLOGY/DRAINAGE

Check all that Apply:

### TYPE OF SUBMITTAL:

- ☐ ENGINEER/ARCHITECT CERTIFICATION
- ☐ PAD CERTIFICATION
- ☐ CONCEPTUAL G & D PLAN
- ☒ GRADING PLAN
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE MASTER PLAN
- ☐ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- ☐ ELEVATION CERTIFICATE
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ TRAFFIC IMPACT STUDY (TIS)
- ☐ STREET LIGHT LAYOUT
- ☐ OTHER (SPECIFY) \_\_\_\_\_
- ☐ PRE-DESIGN MEETING?

### TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ SITE PLAN FOR SUB'D APPROVAL
- ☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ SO-19 APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ GRADING/ PAD CERTIFICATION
- ☐ WORK ORDER APPROVAL
- ☐ CLOMR/LOMR
- ☐ FLOODPLAIN DEVELOPMENT PERMIT
- ☒ OTHER (SPECIFY) HYDROLOGY APPROVAL IN ORDER  
TO SUBMIT FOR BUILDING PERMIT

**DATE SUBMITTED:** 10/29/2020 **By:** MATTHEW KUEHN

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_

FEE PAID: \_\_\_\_\_

2777 e. camelback rd.  
suite 325  
phoenix, az 85016  
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ALBUQUERQUE, NEW MEXICO 87113  
GRADING & DRAINAGE

JOB NO.:	PHX20-4023
PA / PM:	MK
DRAWN BY:	WE
DATE:	10/06/2020
PLOT DATE:	10/06/2020

Sheet 1 of 1

INTRODUCTION:

EXISTING CONDITIONS:

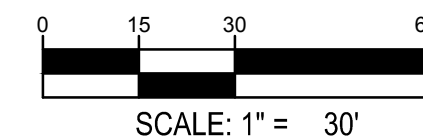
OFFSITE FLOWS:

**METHODOLOGY:**

PROPOSED DRAINAGE:

CONCLUSION:  
THE GRADING & DRAINAGE PLAN DEMONSTRATES THAT WE ARE IN CONFORMANCE WITH THE CITY OF ALBUQUERQUE  
HYDROLOGY REQUIREMENTS AND PREVIOUSLY APPROVED DESIGN INTENT. WE REQUEST BUILDING PERMIT APPROVAL.

① INSTALL 6" ANGULAR RIPRAP TO LIMITS SHOWN



TRACT F-2  
(4.5223 AC.)

TRACT 1  
LOOP INDUSTRIAL P  
12/01/1976 BK. B12,

PASEO DEL NORTE  
(FRONTAGE ROAD)