

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

November 30, 2020

David Soule, P.E.
Rio Grande Engineering
P.O. Box 93924
Albuquerque, NM 87199

**RE: Chavez Concrete Addition
4825 Jefferson St. NE
Grading and Drainage Plan
Engineer's Stamp Date: 11/18/20
Hydrology File: F17D104**

Dear Mr. Soule:

PO Box 1293

Based upon the information provided in your submittal received 11/18/2020, the Grading and Drainage Plans are approved for Building Permit.

Albuquerque

Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter. Prior to approval in support of Permanent Release of Occupancy by Hydrology, Engineer Certification per the DPM checklist will be required.

NM 87103

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.

www.cabq.gov

The Payment in Lieu payment of **\$929.07** must be paid prior to Permanent Release of Occupancy approval. Please use the attached City of Albuquerque Treasury Deposit form. Once the Owner paid the fee, please provide Hydrology with a copy of the receipt.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

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



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 4825 JEFFERSON NE **Building Permit #:** _____ **Hydrology File #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: TRACT 2-B REINDEER TRACT NUMBER 2
City Address: 4825 JEFFERSON NE

Applicant: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: RIO GRANDE ENGINEERING **Contact:** DAVID SOULE
Address: PO BOX 93924 ALB NM 87199
Phone#: 505.321.9099 **Fax#:** 505.872.0999 **E-mail:** david@riograndeengineering.com

TYPE OF DEVELOPMENT: _____ PLAT _____ RESIDENCE _____ DRB SITE ☒ ADMIN SITE

Check all that Apply:

DEPARTMENT:

☒ HYDROLOGY/ DRAINAGE
_____ TRAFFIC/ TRANSPORTATION

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?

IS THIS A RESUBMITTAL?: _____ Yes ☒ No

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) _____

DATE SUBMITTED: _____ **By:** _____

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

Basin	Area (sf)	Area (acres)	100-Year, 6-hr				100 yr 10-D/A						
			Treatment A (acres)	Treatment B (acres)	Treatment C (acres)	Treatment D (acres)							
EXISTING	54494.00	1.251	0%	0%	0.000	4%	0.050	96%	1.201	2.278	0.237	5.36	0.398
PROPOSED	54494.00	1.251	0%	0%	0.000	4%	0.050	96%	1.201	2.278	0.237	5.36	0.398

$$\text{Weighted } E = E_a \cdot A_a + E_b \cdot A_b + E_c \cdot A_c + E_d \cdot A_d / (\text{Total Area})$$
$$\text{Volume} = \text{Weighted D} * \text{Total Area}$$
$$\text{Flow} = Q_a \cdot A_a + Q_b \cdot A_b + Q_c \cdot A_c + Q_d \cdot A_d$$

Where for 100-year, 6-hour storm(zone2)

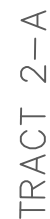
Ea= 0.62	Qa= 1.71
Eb= 0.8	Qb= 2.36
Ec= 1.03	Qc= 3.05
Ed= 2.33	Qd= 4.34

Developed Conditions

EXISTING DISCHARGE 5.36 CFS

PROPOSED DISCHARGE 5.36 CFS

This site is an existing fully developed lot. A drainage file from this lot was not locatable. The site currently free discharges 5.36 cfs to Jefferson. The drainage notes from the adjacent lot redevelopment(F17-D016A) stateS this area is at the bottom of the storm drain basin and allowed free discharge. The project consists of the construction of storage building over existing fully impervious area. The site currently has a sump that does not drain and has flow coming from the adjacent roof to west. A permanent sump pump is proposed to replace the temporary pump currently used. The proposed site will continue to discharge 5.36 cfs to Jefferson via the existing driveway



Zoeller M95 Specification Sheet

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.

3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.

4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.

5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.



National Flood Hazard Layer EIR/Mette



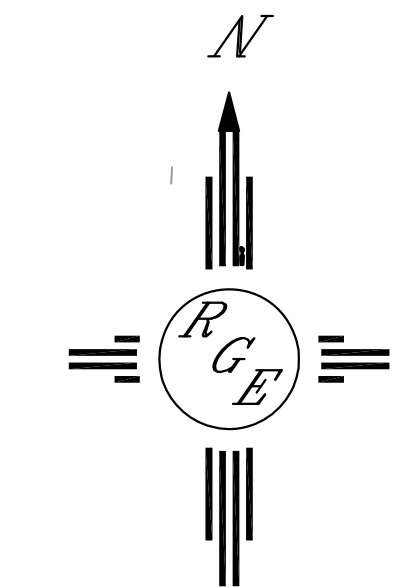
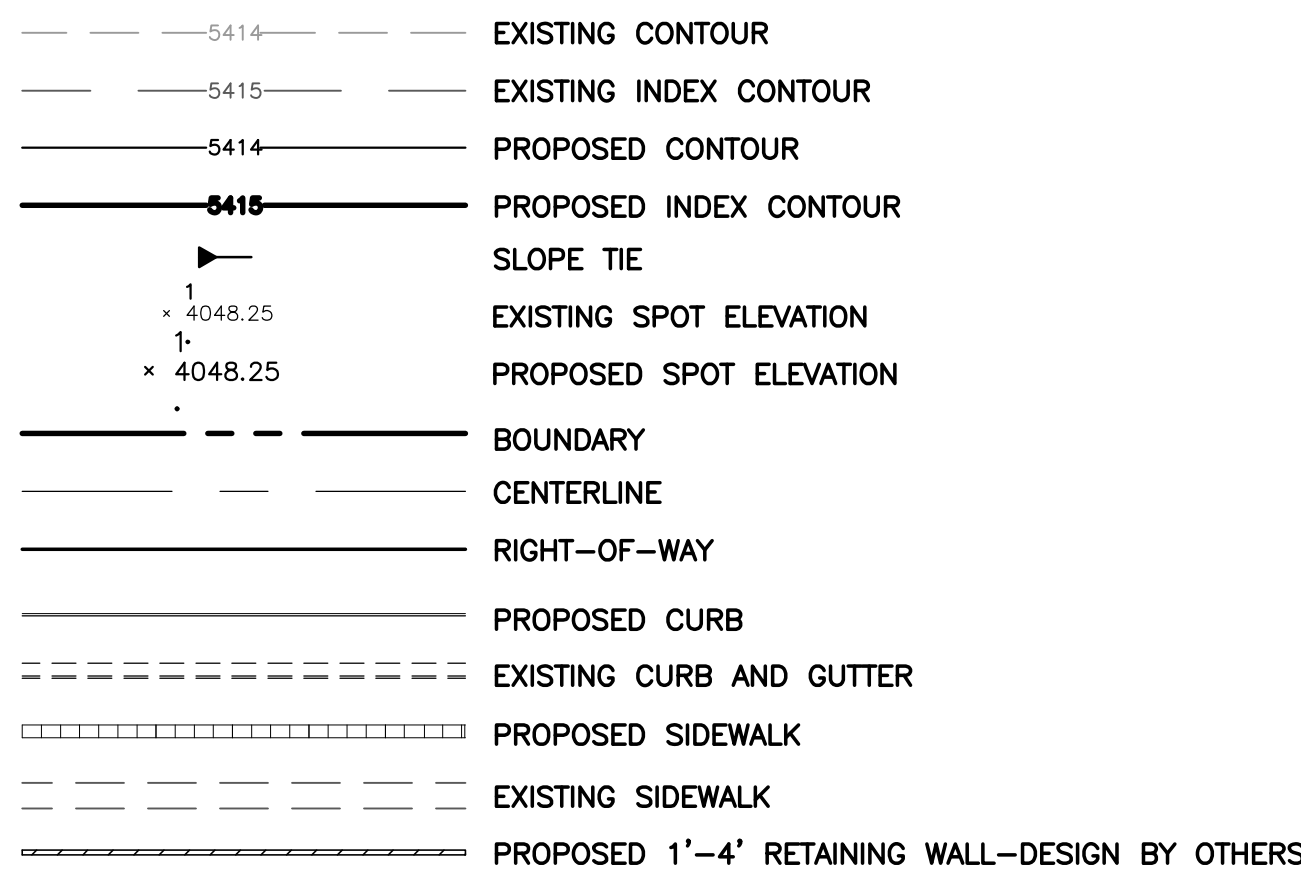
LEGAL DESCRIPTION:

PARCEL A-1, FINELAND DEVELOPMENT

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL CURB AND GUTTER TO 6" HEADER UNLESS OTHERWISE NOTED.
3. ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
4. ALL NEW PAVING SHALL BE 6" PCC OVER 8" SUBGRADE PREPARATION IN CONFORMANCE TO ACI 330R-08. UNLESS OTHERWISE NOTED.
5. ANY CURBS OR PAVEMENT NEGATIVELY IMPACTED BY CONSTRUCTION ACTIVITY SHALL BE REPLACED TO MATCH EXISTING CONDITIONS.
6. ALL SITE WORK SHALL CONFORM TO CITY OF ALBUQUERQUE STANDARDS FOR PUBLIC WORKS CONSTRUCTION EDITION 9

LEGEND



GRAPHIC SCALE

SCALE: 1"=20'



City of Albuquerque
Planning Department
Development Review Services

HYDROLOGY SECTION

APPROVED

DATE: 11/30/20
BY: *Renee C. Brissette*
HydroTrans # F17D104

THE APPROVAL OF THESE PLANS OR REPORT SHALL NOT BE
CONSTRUED TO PRECLUDE REGULATION BY ANY CITY
OR STATE LAW, AND SHALL NOT PREVENT
THE CITY OF ALBUQUERQUE FROM
CORRECTION, OR ERROR OF DIMENSIONS IN PLANS,
SPECIFICATIONS, OR CONSTRUCTIONS. SUCH APPROVED PLANS
SHALL NOT BE CHANGED OR ALTERED WITHOUT
AUTHORIZATION.

<p>ENGINEER'S SEAL</p>	<p>4825 JEFFERSON</p>	<p>DRAWN BY WCWJ</p>
	<p>GRADING AND DRAINAGE PLAN</p>	<p>DATE 11-18-20</p>
<p>11/18/20</p>		<p>2102100-LAYOUT-11-18-20</p>
<p>DAVID SOULE P.E. #14522</p>	<p><i>Rio Grande Engineering</i></p> <p>1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0589</p>	<p>SHEET # —</p>
		<p>JOB # 2102100</p>