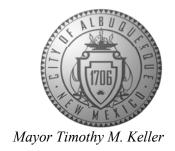
CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



January 4, 2023

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

RE: 1736 Avenida Los Griegos NW **Grading and Drainage Plan**

Engineer's Stamp Date: 12/27/22

Hydrology File: F13D032

Dear Mr. Soule:

PO Box 1293

Based upon the information provided in your submittal received 12/28/2022, the Grading and Drainage Plan is approved for Building Permit and Grading Permit. Since this project is an addition to an existing house, a pad certification is not needed for this project. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

Albuquerque

PRIOR TO CERTIFICATE OF OCCUPANCY:

NM 87103

1. Engineer's Certification, per the DPM Part 6-14 (F): Engineer's Certification Checklist For Non-Subdivision is required.

www.cabq.gov

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

Renée C. Brissette

Planning Department



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

1736 AVENIDA LOS GRI Project Title:	EGOS _Building Permit #:	Hydrol	logy File #:				
DDD#.	EDC#.	Work					
TRACT 188A2R M	RGCD MAPT 31						
City Address: 1736 AVENIDA LOS	GRIEGOS						
Applicant:		Contact:					
Address:		, 					
Phone#:							
	Other Contact: RIO GRANDE ENGINEERING						
Address: PO BOX 93924 ALB NM		Contact.					
Phone#: 505.321.9099	The second was	F-mail·d	lavid@riograndeengineering.com				
TYPE OF DEVELOPMENT:PLAT							
	RESIDENCE	DKB 511E	_ ADMIN SITE				
Check all that Apply:							
DEPARTMENT:	TYPE	OF APPROVAL/ACCE	PTANCE SOUGHT:				
X HYDROLOGY/ DRAINAGE	_X_B	UILDING PERMIT APPI	ROVAL				
TRAFFIC/ TRANSPORTATION	c	CERTIFICATE OF OCCUPANCY					
TYPE OF SUBMITTAL:							
ENGINEER/ARCHITECT CERTIFICATIO	N P	RELIMINARY PLAT AP	PROVAL				
PAD CERTIFICATION		ITE PLAN FOR SUB'D .					
CONCEPTUAL G & D PLAN		ITE PLAN FOR BLDG. I					
RADING PLAN		INAL PLAT APPROVAL					
DRAINAGE REPORT		in the real results of the					
	c	IA / DET EASE OF EDIAN	JOIAT GUADANTEE				
DRAINAGE MASTER PLAN		SIA/ RELEASE OF FINANCIAL GUARANTEE					
FLOODPLAIN DEVELOPMENT PERMIT		FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL					
ELEVATION CERTIFICATE			ROVAL				
CLOMR/LOMR		O-19 APPROVAL					
TRAFFIC CIRCULATION LAYOUT (TCL		AVING PERMIT APPRO					
TRAFFIC IMPACT STUDY (TIS)		RADING/PAD CERTIF					
STREET LIGHT LAYOUT		ORK ORDER APPROVAL	L				
OTHER (SPECIFY)		LOMR/LOMR					
PRE-DESIGN MEETING?	F	LOODPLAIN DEVELOP	MENT PERMIT				
IS THIS A RESUBMITTAL?: YesX N	C	THER (SPECIFY)					
DATE SUBMITTED:	· · · · · · · · · · · · · · · · · · ·						
COA STAFF:		RECEIVED:					

Weighted E Method

TOTAL VOLUME

											100-	-Year, 6-hr	•	100 yr 10-DAY
Basin	Area	Area	Treatr	ment A	Trea	atment B	Treatr	nent C	Treati	ment D	Weighted E	Volume	Flow	Volume
	(sf)	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(ac-ft)	(ac-ft)	cfs	(ac-ft)
NATIVE	24243.00	0.557	100%	0.5565	100%	0.557	0%	0.000	0%	0.000	1.420	0.066	2.27	0.066
PROPOSED	24243.00	0.557	0%	0	48%	0.267	34%	0.189	18%	0.100	1.154	0.054	1.64	0.060

Equations:

Weighted E = Ea*Aa + Eb*Ab + Ec*Ac + Ed*Ad / (Total Area)

Volume = Weighted D * Total Area 124 cubic feet First flush requirement

Flow = Qa * Aa + Qb * Ab + Qc * Ac + Qd * Ad

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	Od = 4.34

Developed Conditions

TOTAL GENERATED 2625.11 PROPOSED DISCHARGE 0.00

PROVIDED STORMWATER STORAGE

This site is an lot in an existing subdivision. The site is not part of any previous drainage studies. The site development will be managed per the valley flat grading parameters. The building floor must match existing due to it being an addition. The site will retain the entire 2626 CF generated. In the event of an emergency the ponds overflow to the inlet at the southwest corner of the site

○ 1/2" Rebar

EROSION CONTROL NOTES:

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

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

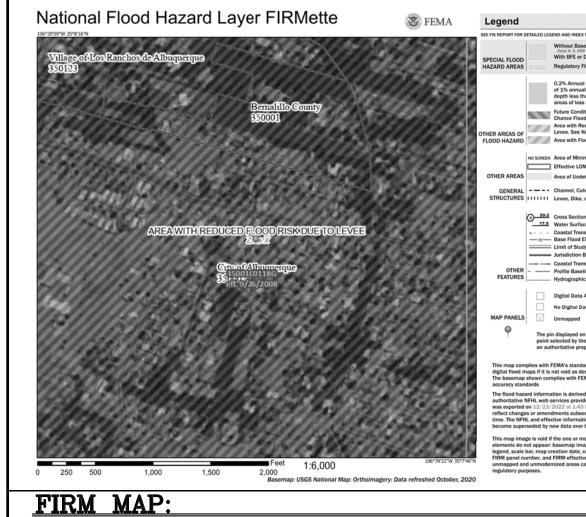
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.

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

HYDROLOGY SECTION







LEGAL DESCRIPTION: TRACT 188-A-2-B MRGCD MAP 31

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.

ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

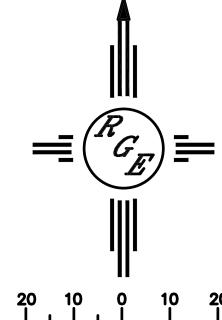
2. ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.

3. ANY PERIMETER WALLS MUST BE PERMITED SEPARATELY ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.

4. SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.

LEGEND

XXXX	EXISTING CONTOUR
XXXX	EXISTING INDEX CONTOUR
XXXX -	PROPOSED CONTOUR
XXXX	PROPOSED INDEX CONTOUR
× XXXX	EXISTING SPOT ELEVATION
■ XXXX	PROPOSED SPOT ELEVATION
	BOUNDARY
	ADJACENT BOUNDARY
=========	EXISTING CURB AND GUTTER
	PROPOSED EARTHEN SWALE
	PROPOSED GRAVEL
	PROPOSED BERM



SCALE: 1"=20'

⊗4973.07

ENGINEER'S SEAL

> DAVID SOULE P.E. #14522

12/27/22

TRACT 188-A-2-B MRGCD MAP 31 1736 AVENIDA LOS GRIEGOS GRADING AND

DRAINAGE PLAN 1736 AVENIDA LOS GRIEGOS.DWG Rio Grande SHEET# C1 Engineering PO BOX 93924 ALBUQUERQUE, NM 87199 (505) 321-9099 JOB#

DRAWN

 BY_{DEM}

DATE 12-26-22

4972.59_×// PLACE BERM 0-3" BERM AT EXISTING WALL TOP=4972.60 RETENTION POND TOP=4972.50 BOTTOM=4972.00 VOLUME=2718CF --- 4972.5 -----RETENTION POND TOP=4972.25 BOTTOM=4971.00 VOLUME=42CF Project Benchmark Corner of WM Pad FF= 4973.10 FP= 4972.60 Elev=4972.86 4972.56

CAUTION:

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.