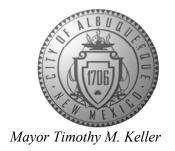
CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



January 2, 2024

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

RE: 752 Menaul Blvd NW

Grading and Drainage Plan Engineer's Stamp Date: 12/19/23

Hydrology File: H14D119

Dear Mr. Soule:

PO Box 1293

Based upon the information provided in your submittal received 12/19/2023, the Grading and Drainage Plan is approved for Building Permit and Grading Permit. Since this site is relatively flat, 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.

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

www.cabq.gov

Sincerely,

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

Renée C. Brissette



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title:		Hydrology File #						
Legal Description:								
City Address, UPC, OR Parcel	:							
Applicant/Agent:		Contact:						
		Phone:						
Email:								
Applicant/Owner:		Contact:						
Address:		Phone:						
Email:								
(Please note that a DFT SITE is or	ne that needs Site Plan A	pproval & ADMIN SITE is one that does not need it.)						
TYPE OF DEVELOPMENT:	PLAT (#of lots)	RESIDENCE						
	DFT SITE	ADMIN SITE						
RE-SUBMITTAL: YES	NO							
DEPARTMENT: TRANS	SPORTATION	HYDROLOGY/DRAINAGE						
Cheek all that apply under Dath	the Type of Submittel	and the Type of Approval Sought:						
TYPE OF SUBMITTAL:	the Type of Submittal	TYPE OF APPROVAL SOUGHT:						
ENGINEER/ARCHITECT CF	RTIFICATION	BUILDING PERMIT APPROVAL						
PAD CERTIFICATION		CERTIFICATE OF OCCUPANCY						
CONCEPTUAL G&D PLAN		CONCEPTUAL TCL DFT APPROVAL						
GRADING & DRAINAGE PI	LAN	PRELIMINARY PLAT APPROVAL						
DRAINAGE REPORT		FINAL PLAT APPROVAL						
DRAINAGE MASTER PLAN		SITE PLAN FOR BLDG PERMIT DFT						
CLOMR/LOMR		APPROVAL						
TRAFFIC CIRCULATION LA	AYOUT (TCL)	SIA/RELEASE OF FINANCIAL GUARANTEE						
ADMINISTRATIVE		FOUNDATION PERMIT APPROVAL						
TRAFFIC CIRCULATION LA APPROVAL	AYOUT FOR DFT	GRADING PERMIT APPROVAL						
TRAFFIC IMPACT STUDY (TIS)	SO-19 APPROVAL						
STREET LIGHT LAYOUT		PAVING PERMIT APPROVAL						
OTHER (SPECIFY)		GRADING PAD CERTIFICATION						
· - /		WORK ORDER APPROVAL						
		CLOMR/LOMR						
		OTHER (SPECIFY)						
DATE SUBMITTED:								

Weighted E Method

											100	-Year, 6-h	r.	100 yr 24-HOUF	100 yr 10-DAY
Basin	Area	Area	Treat	ment A	Trea	tment B	Treatr	nent C	Treat	ment D	Weighted E	Volume	Flow	Volume	Volume
	(sf)	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(ac-ft)	(ac-ft)	cfs	(ac-ft)	(ac-ft)
Historical	13574.00	0.312	100%	0.3116	0%	0.000	0%	0.000	0%	0.000	0.620	0.016	0.53	0.016	0.016
PROPOSED	13574.00	0.312	20%	0.0623	21%	0.065	26%	0.081	33%	0.103	1.264	0.033	0.95	0.036	0.047

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

Volume = Weighted D * Total Area First flush requirement 127 cubic feet

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

Where for 100-year, 6-hour storm(zone2) Ea= 0.62

Qb= 2.36 Eb= 0.73 Qc= 3.05 Ec= 0.95 Ed= 2.24 Qd= 4.34

TOTAL VOLUME **Developed Conditions**

HISTORICAL DISCHARGE

24 HOUR 10 DAY PROPOSED GENERATION 2053 CF 1582 CF 2251 CF 2251 CF PROPOSED PONDING

This site is an development of a previously developed site (1959 aerial). The site will conform to the valley flat area drainage

701 CF

scheme. The site will retain the 100-year 10-day volume. The ponds will overlow to the adjacent street in the event of a storm exceeding the 100-year event.

The surrounding are is flat, existing walls and proposed berms do on t allow offsite flows enter the site. The finished floow is proposed to be 1' higher than the maximum water surface

752 MENAUL BLVD. N.W. FOUND REBAR WITH CAP LS#11463 ELEVATION=4966.46 EX. BLOCK WALL/ EX. BLOCK WALL EX. CHAIN LINK GATE RETENTION POND TOP= 4966.00 BOTTOM= 4965.00 VOLUME= 2,251 CF BACK FILL DIRT AGAINST EXISTING CMU WALL TOP= 4966.00 FF= 4967.00 FP= 4966.50 EX. BLOCK WALL BACK FILL DIRT AGAINST EXISTING CMU WALL TOP= 4966.00 EX. BLOCK WALL BUILD NEW CMU WALL WITH NO WEEP HOLES AT BOTTOM COURSE EX. METAL PANEL FENCE

EROSION CONTROL NOTES:

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

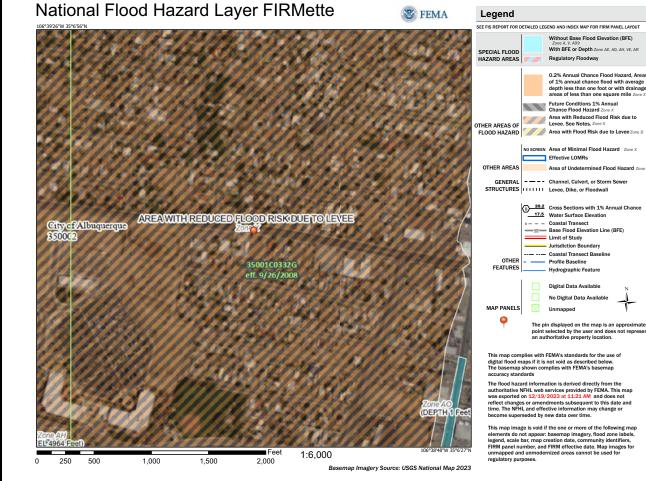
- 2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- 3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- 4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS 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.

Development Review Services **HYDROLOGY SECTION APPROVED** 01/02/24

APPROVAL OF GRADING & DRAINAGE PLAN(S) SHALL EXPIRE TWO (2) YEARS AFTER THE APPROAL DATE BY THE CITY IF NO JILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMEN



VICINITY MAP: H-14-Z



FIRM MAP:

LEGAL DESCRIPTION:

ELY. 75' LOT 2 FIELDON ADDITION CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

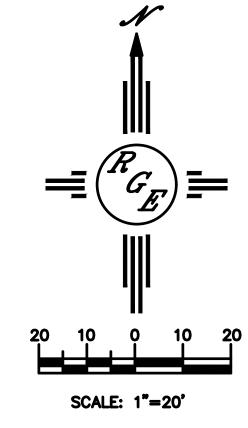
NOTES:

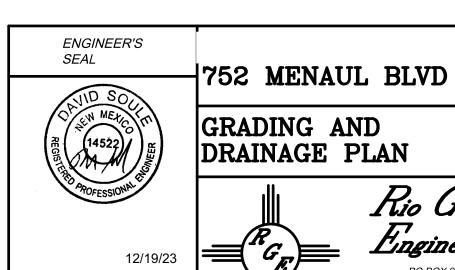
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.

- 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.
- 5. A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING

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 RETAINING WALL
	PROPOSED CONCRETE





DAVID SOULE P.E. #14522

PO BOX 93924 ALBUQUERQUE, NM 87199 (505) 321-9099

752 Menaul Blvd.DWG Rio Grande Lingineering

DRAWN

 BY DEM

DATE 12-16-23

SHEET#

JOB#

C1

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.