

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

October 10, 2024

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

RE: 2217 Matthew NW
Engineer's Certification Date: 10/6/24
Engineer's Stamp Date: 4/3/23
Hydrology File: G13D044A

Dear Mr. Soule:

Based upon the information provided in your submittal received 10/10/2024, the Grading and Drainage Plan is approved for Building Permit and Building Pad Certification for 2217 Matthew NW. 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 CERTIFICATE OF OCCUPANCY:

1. Engineer's Certification, per the DPM Part 6-14 (G): Engineer's Certification Checklist for Subdivision and Part 6-14 (H): Required Certification Language is required.

If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

Sincerely,

Anthony Montoya, Jr., P.E.
Senior Engineer, Hydrology
Planning Department, Development Review Services



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: lot 24b Matthew **Building Permit #:** _____ **Hydrology File #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: lot 24b alvarado gardens
City Address: portion of 2217 mathew

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: _____

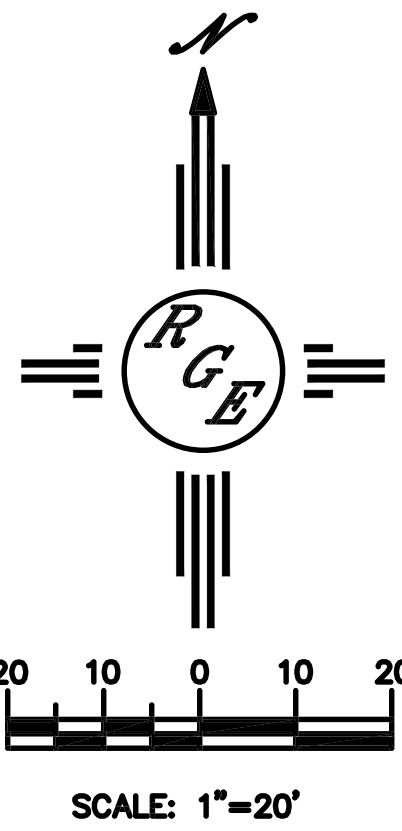
FEE PAID: _____

<u>Equations:</u>		
Weighted E = Ea* <i>Aa</i> + Eb* <i>Ab</i> + Ec* <i>Ac</i> + Ed* <i>Ad</i> / (Total Area)		
Volume = Weighted D * Total Area	First flush requirement	123 cubic feet
Flow = Qa * <i>Aa</i> + Qb * <i>Ab</i> + Qc * <i>Ac</i> + Qd * <i>Ad</i>		
Where for 100-year, 6-hour storm(zone2)		
Ea= 0.62	Qa= 1.71	
Eb= 0.8	Qb= 2.46	
Ec= 1.03	Qc= 3.05	
Ed= 2.33	Qd= 4.34	
Developed Conditions		TOTAL VOLUME
HISTORICAL GENERATION		573.97
PROPOSED GENERATION	1507.03 24 hour	
PROVIDED	1962 10-day	
	2189	

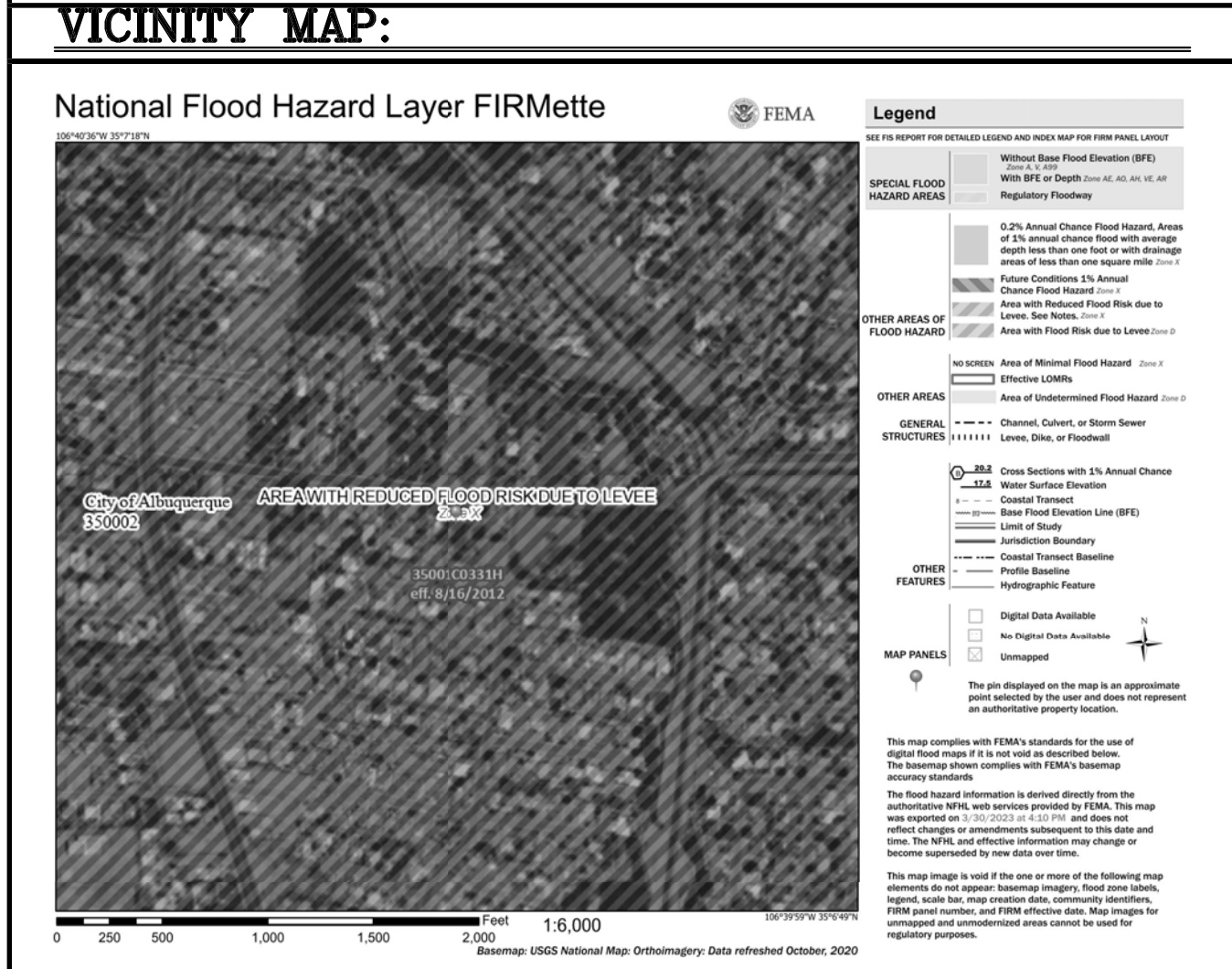
10/1/24



10/6/24



SCALE: 1"=20'



FIRM MAP:















LEGAL DESCRIPTION:

CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

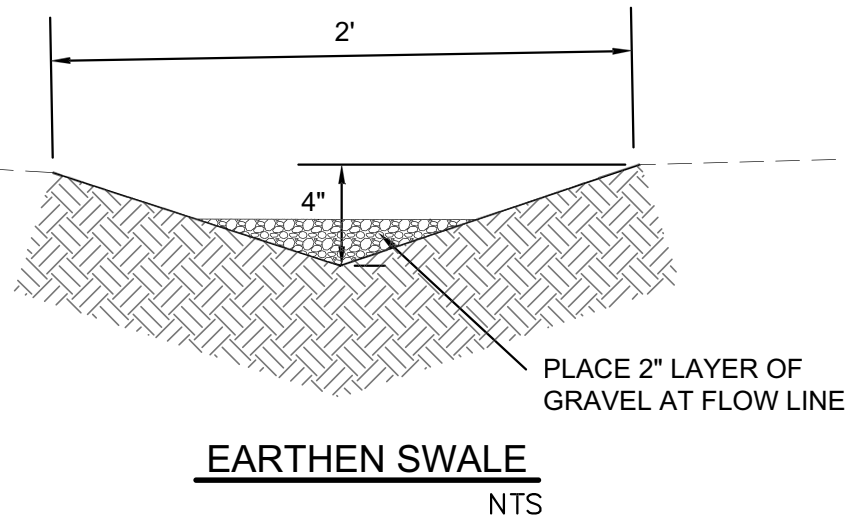
NOTES:

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 PERMITTED SEPARATELY ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
4. SURVEY INFORMATION PROVIDED BY ALDRICH LAND SURVEYING USING NAVD DATUM 1988.
5. A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING PERMIT.

LEGEND



	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION
	BOUNDARY
	ADJACENT BOUNDARY
	EXISTING CURB AND GUTTER
	PROPOSED EARTHEN SWALE
	PROPOSED DIP IN DRIVEWAY TO ALLOW FLOW
	PROPOSED GRAVEL
	PROPOSED CONCRETE
	PROPOSED PONDING

CONSTRUCT ALL SWALES AND EROSION PROTECTION
(SHOWN HATCHED) BELOW ADJACENT GRADE TO ENSURE
RUNOFF CAN BE CAPTURED AND CONVEYED PROPERLY.



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.

<p>ENGINEER'S SEAL</p>	<p>LOT 24-B ALVARDO GARDENS unaddressed MATTHEW AVE portion of 2217 MATTHEW AVE</p>	<p>DRAWN BY DEM</p>
	<p>GRADING AND DRAINAGE PLAN</p>	<p>DATE 4-1-23</p>
<p>4/3/23</p>		<p>SHEET # C1</p>
<p>DAVID SOULE P.E. #14522</p>	<p>PO BOX 83604 ALBUQUERQUE, NM 87199 (505) 321-9099</p>	<p>JOB # _____</p>