

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

June 16, 2023

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

RE: 4409 10th St. NW
Permanent C.O. – Accepted
Engineer's Certification Date: 06/14/23
Engineer's Stamp Date: 09/25/20
Hydrology File: G14D095

Dear Mr. Soule:

PO Box 1293

Based on the Certification received 05/03/2023 and site visit on 05/15/2023, this letter serves as a "green tag" from Hydrology Section for a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

Albuquerque

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

NM 87103

Sincerely,

www.cabq.gov

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: 4409 10TH STREET NW **Building Permit #:** _____ **Hydrology File #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: LOT 18 ROSSITER ADDITION
City Address: 4409 10TH STREET NW

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: _____

Weighted E Method														
Event	Area (sq ft)	Area (sq ft)	Weighted A		Weighted B		Weighted C		Weighted D		100-Year, 6-hr		100 Year 24-Hour	
			Weighted A (sq ft)	Weighted B (sq ft)	Weighted C (sq ft)	Weighted D (sq ft)	Weighted E (sq ft)	Weighted F (sq ft)	Volume (cu ft)	Volume (cu ft)				
EXISTING	1524.00	0.428	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	1.09	0.94	1.30	0.93
PROPOSED	1524.00	0.428	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	1.19	0.94	1.38	0.93

100 Year 24-Hour

Weighted E (sq ft)

Weighted F (sq ft)

Volume (cu ft)

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Weighted E = E*ArAa + E*ArAb + E*ArAc + E*ArAd (Total Area)

Volume = Weighted D * Total Area

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

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

Qa = 0.53

Qb = 0.78

Qc = 0.78

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Qe = 1.12

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1894.08

2120.74

2150 PROVIDED

2366

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Qb = 0.78

Qc = 0.78

Qd = 1.13

Qe = 1.12

Developed Conditions

TOTAL VOLUME

1894.08

2120.74

2150 PROVIDED

2366

100 Year 24-Hour

Weighted E (sq ft)

Weighted F (sq ft)

Volume (cu ft)

Volume (cu ft)

Weighted E = E*ArAa + E*ArAb + E*ArAc + E*ArAd (Total Area)

Volume = Weighted D * Total Area

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

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I, DAVID SOULE HAVE PERSONALLY INSPECTED THE SITE. I HEREBY CERTIFY THE PAD HAS BEEN CONSTRUCTED SUCH THAT IT IS IN SUBSTANTIAL CONFORMANCE TO THE APPROVED GRADING PLAN DATED 9/25/20



3/7/21

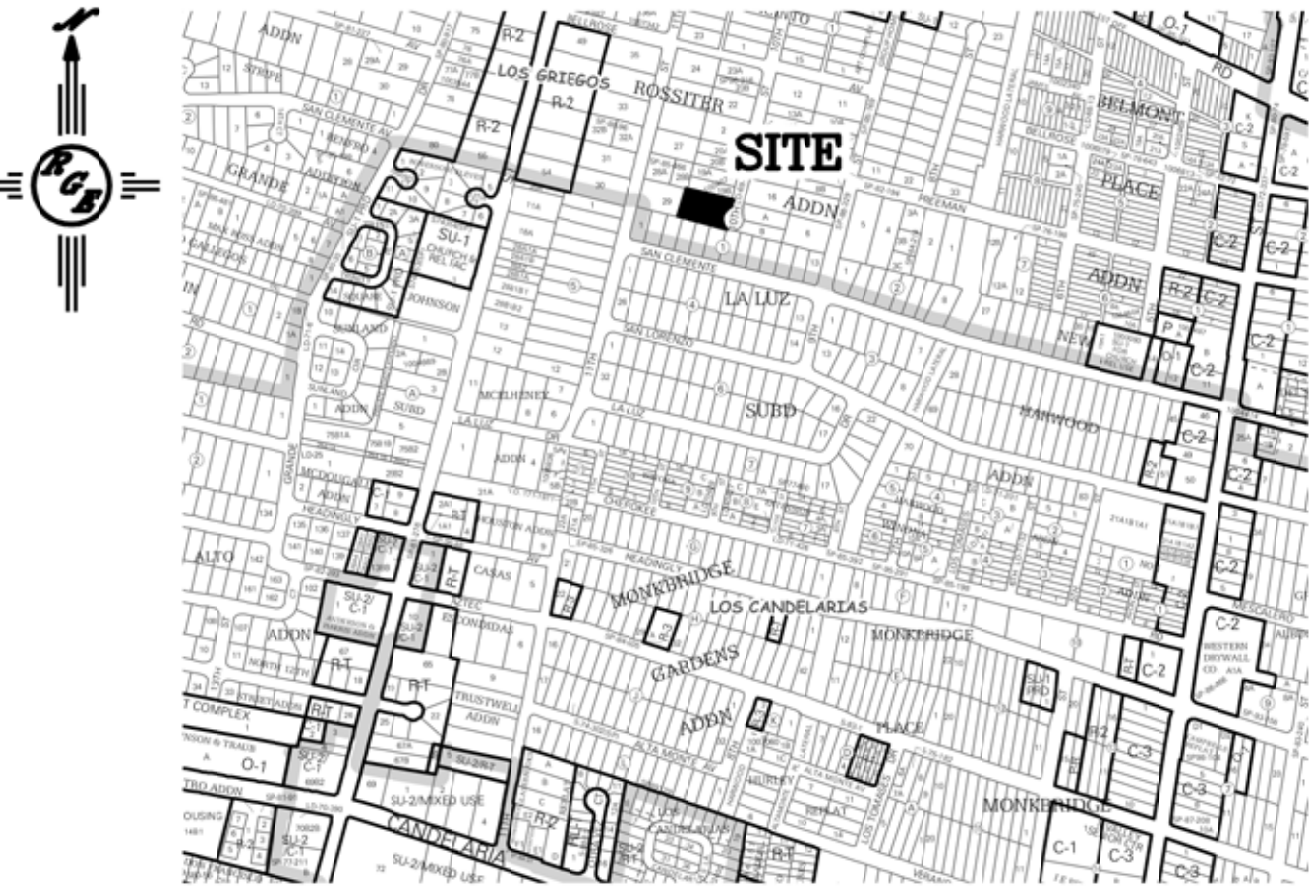
EROSION CONTROL NOTES:

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.

I David Soule, NMPE 14522, of the firm Rio Grande Engineering, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intend of the approved plan dated 9/25/20. The certification is submitted in support of a request for CERTIFICATE OR OCCUPANCY. The record information presented heron is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project.

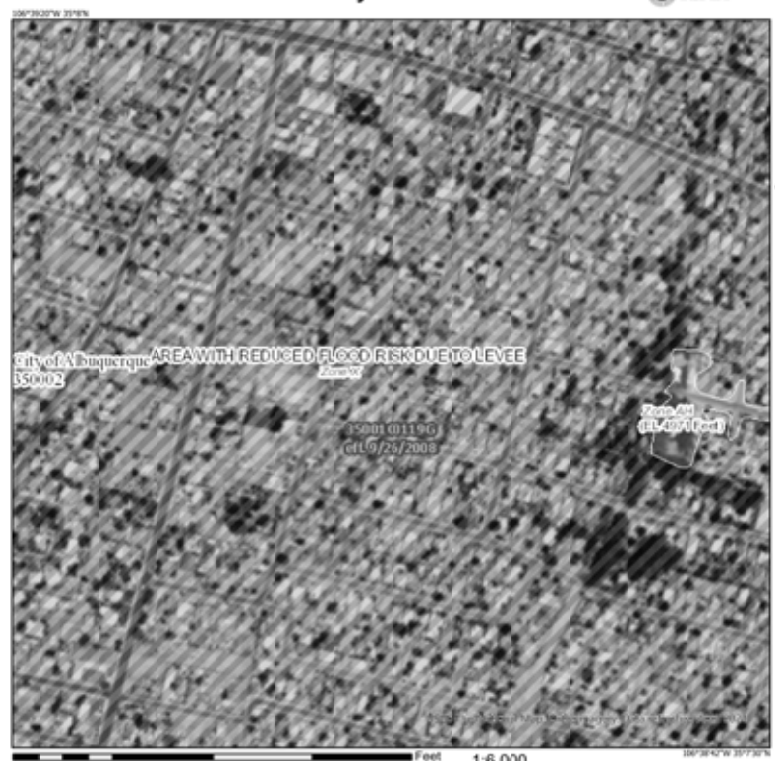


6/14/23



VICINITY MAP: XXXXX

National Flood Hazard Layer FIRMette



FIRM MAP:

LEGAL DESCRIPTION:

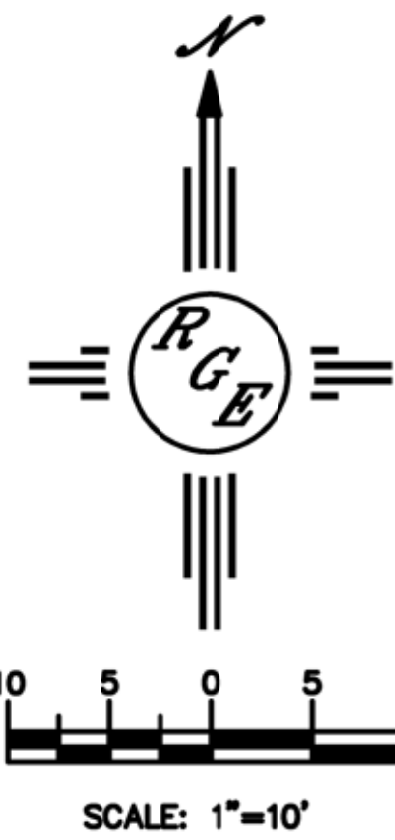
4409 10TH STREET
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

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

LEGEND

- 5601--- EXISTING CONTOUR
- 5600--- EXISTING INDEX CONTOUR
- 5601--- PROPOSED CONTOUR
- 5600--- PROPOSED INDEX CONTOUR
- 72.50 EXISTING SPOT ELEVATION
- 72.50 PROPOSED SPOT ELEVATION
- BOUNDARY
- EXISTING WALL
- EXISTING CURB AND GUTTER
- PROPOSED EDGE OF CONCRETE
- PROPOSED CONCRETE DRIVEWAY



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.

ENGINEER'S SEAL	4409 10th Street	DRAWN BY DEM
DAVID SOULE NEW MEXICO 14522 REGISTERED PROFESSIONAL ENGINEER	GRADING AND DRAINAGE PLAN	DATE 9-24-20
		4409 10TH ST. DWG
		SHEET #
		C1
		JOB # XXXXX
9/25/20	Rio Grande Engineering 1606 CENTRAL AVENUE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0869	
DAVID SOULE P.E. #14522		