

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

September 5, 2025

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

**RE: 6224 Camino Alto Ct. NW
Permanent C.O. – Accepted
Engineer's Certification Date: 8/19/25
Engineer's Stamp Date: 12/16/23
Hydrology File: D10D003B17
Case # HYDR-2025-00316**

Dear Mr. Soule:

PO Box 1293

Based on the Certification received 08/29/2025 and the site visit on 9/5/2025, this letter serves an approval of the certification in support of a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

Albuquerque

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

NM 87103

Sincerely,

www.cabq.gov

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

Weighted E Method

Basin	Area (sf)	Area (acres)	Treatment				Weighted E (ac-ft)	Volume (ac-ft)	Flow (cfs)	24 hour Volume (ac-ft)				
			Treatment A % (acres)	Treatment B % (acres)	Treatment C % (acres)	Treatment D % (acres)								
ALLOWED	11200.00	0.257	0%	0	21%	0.054	27%	0.0694	52%	0.134	1.345	0.029	0.81	0.035
PROPOSED	11200.00	0.257	0%	0	21%	0.054	27%	0.0694	52%	0.134	1.575	0.034	0.87	0.043
COMPARISON														0.008

Equations:
 Weighted E = $E_a \cdot A_a + E_b \cdot A_b + E_c \cdot A_c + E_d \cdot A_d$ / (Total Area)
 Volume = Weighted E * Total Area
 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- zone 1
 $E_a = 0.55$ $Q_a = 1.54$
 $E_b = 0.73$ $Q_b = 2.16$
 $E_c = 0.95$ $Q_c = 2.87$
 $E_d = 2.24$ $Q_d = 4.12$

ONSITE CONDITIONS DRAINAGE SUMMARY

	REQUIRED (CF)	PROVIDED (CF)
DRAIN TO STREET	349	351

Narrative
 This site is within the SAD 228 Master Drainage plan boundaries. The proposed development exceeds the allowable discharge rate, therefore the site is required to retain the excess 349 CF. This site retains the required volume and discharges the flow do the street to the north per the master drainage

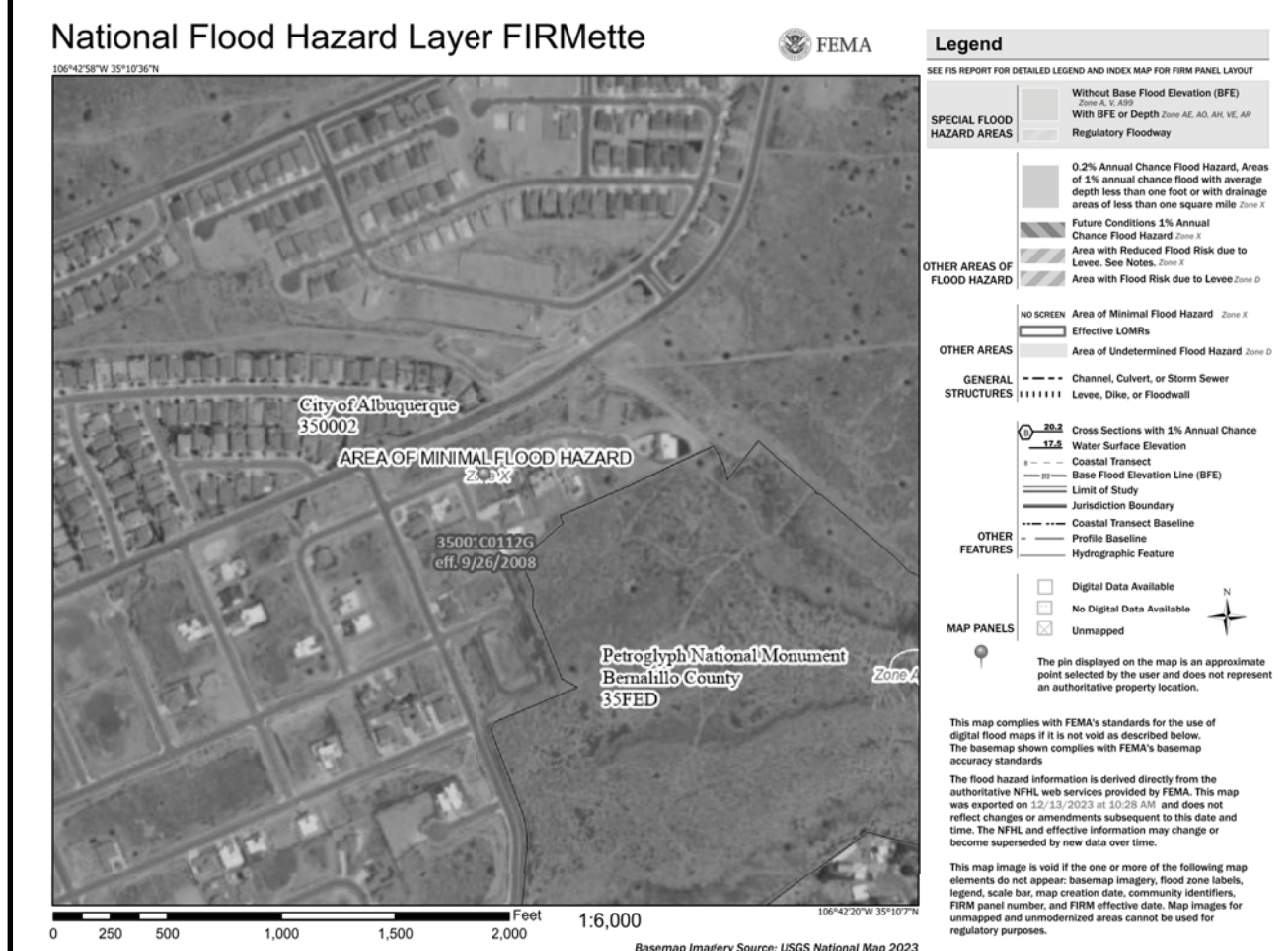
I David Soule, NMPE 14522, of the firm **Rio Grande Engineering**, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intend of the approved plan dated 12/16/23. The certification is submitted in support of a request for **CERTIFICATE 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.

EROSION CONTROL NOTES:

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.



VICINITY MAP: D-10-Z



FIRM MAP:

LEGAL DESCRIPTION:

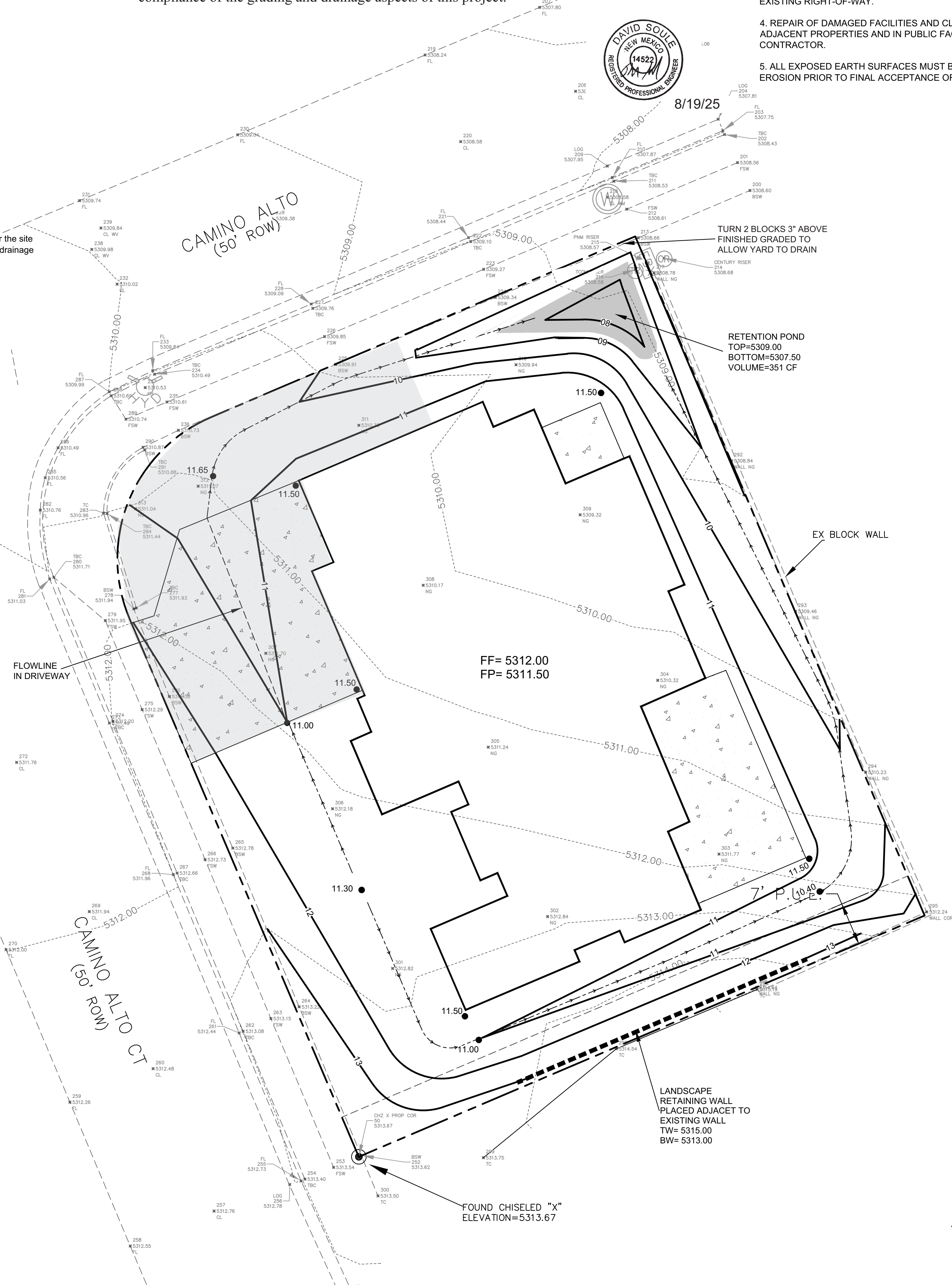
LOT 17 BLOCK 6 UNIT 22 VOLCANO CLIFFS CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

NOTES:

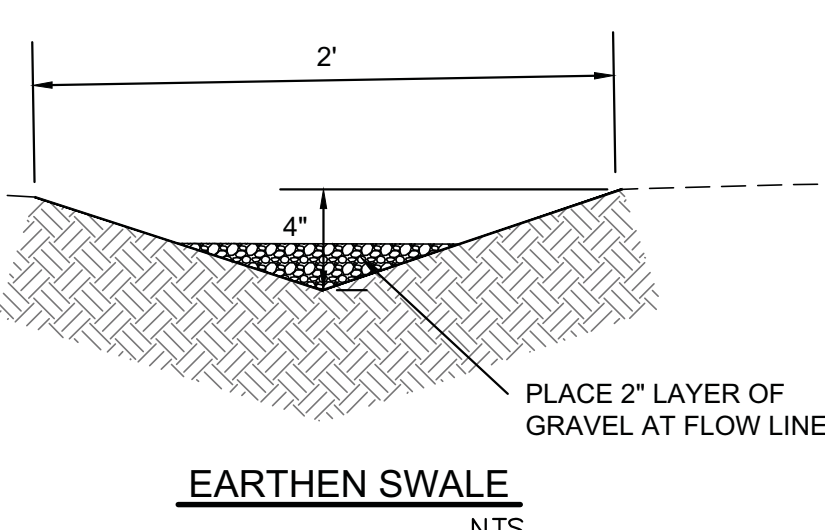
- ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
- ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
- ANY PERIMETER WALLS MUST BE PERMITTED SEPARATELY ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
- SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.
- A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING PERMIT.

LEGEND

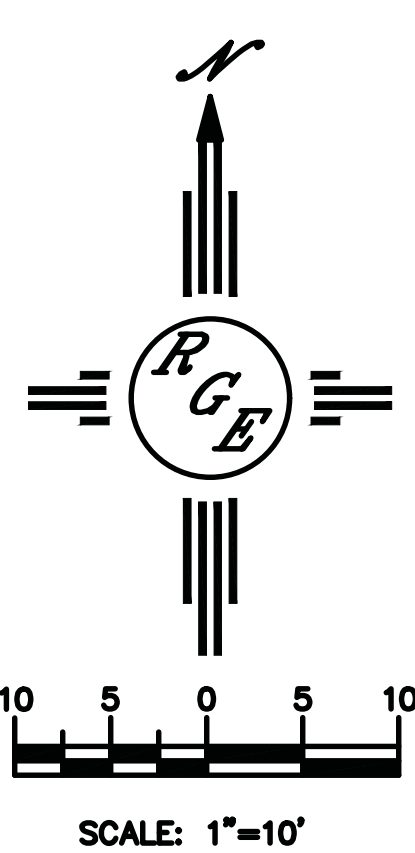
- XXXX----- EXISTING CONTOUR
- XXXX----- EXISTING INDEX CONTOUR
- XXXX----- PROPOSED CONTOUR
- XXXX----- PROPOSED INDEX CONTOUR
- + XXXX EXISTING SPOT ELEVATION
- XXXX PROPOSED SPOT ELEVATION
- BOUNDARY
- ADJACENT BOUNDARY
- ===== EXISTING CURB AND GUTTER
- PROPOSED EARTHEN SWALE
- PROPOSED LANDSCAPE RETAINING WALL
- PROPOSED CONCRETE



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.



ENGINEER'S SEAL	Lot 17 Blk 6 U 22 VC 6224 CAMINO ALTO CT	DRAWN BY DEM
	GRADING AND DRAINAGE PLAN	DATE 12-16-23
12/16/23	 Rio Grande Engineering P.O. BOX 53294 ALBUQUERQUE, NM 87199 (505) 321-8099	Lot 17 Blk 6 U 22 VC.DWG
DAVID SOULE P.E. #14522		SHEET # C1
		JOB #