

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

October 28, 2025

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

RE: 2414 Manuel Torres Lane NW
Permanent C.O. – Accepted
Engineer's Certification Date: 10/16/25
Engineer's Stamp Date: 7/17/24
Hydrology File: F13D027
Case # HYDR-2025-00374

Dear Mr. Soule:

PO Box 1293

Based on the Certification received 10/16/2025 and the site visit on 10/28/2025, 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				100-Year 6-hr		10-day					
			Treatment A	Treatment B	Treatment C	Treatment D	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)				
HISTORICAL	16936	0.389	50%	0.1944	30.0%	0.117	20.0%	0.07776	0%	0.000	0.756	0.024	0.84	0.024
PROPOSED	16936	0.389	0%	0	39.0%	0.152	38.0%	0.14774	23%	0.089	1.239	0.040	1.20	0.052

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

Volume = Weighted D * Total Area

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	Qd= 4.34

VOLUME BELOW 4971 FILLED	1221 CF
REQUIRED 100 YEAR VOLUME	2268 CF
ONSITE VOLUME REQUIRED	3489 CF
ONSITE VOLUME PROVIDED	3529

SITE IS LOCATED WITHIN A FULLY DEVELOPED SUBDIVISION. THE ADJACENT ROADWAY DOES NOT HAVE CURB AND GUTTER. THE DRAINAGE MANAGEMENT PLAN FOR THIS LOT CALLS FOR THE ONSITE RETENTION OF THE ENTIRE FLOW GENERATED BY THIS DEVELOPMENT USING THE 10-DAY EVENT. THIS SITE IS LOCATED WITH FLOOD ZONE AE. THE BASE FLOOD ELEVATION IS 4971.00 MSL. THE LOWEST ADJACENT PAD GRADE SHALL BE 1' HIGHER THAN THE BFE. THE SITE ACCOUNTS FOR THE DISPLACEMENT OF THE EXISTING FLOOD PLAIN VOLUME UNDER THE BFE. ALL PONDING VOLUME IS BELOW BFE.

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 7/17/24

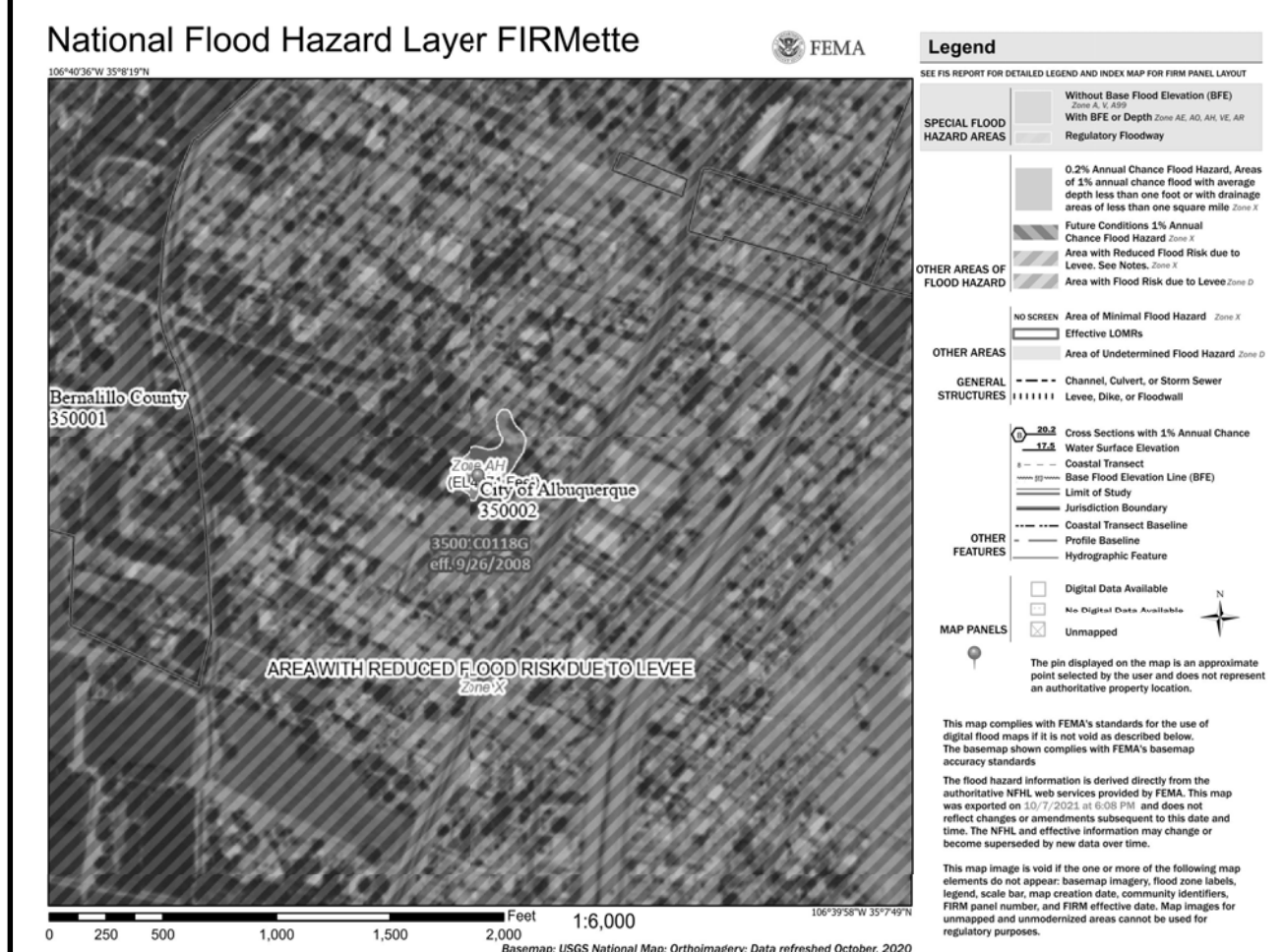
EROSION CONTROL NOTES:

- 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.

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 7/17/24. 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.



VICINITY MAP:



FIRM MAP:

LEGAL DESCRIPTION:

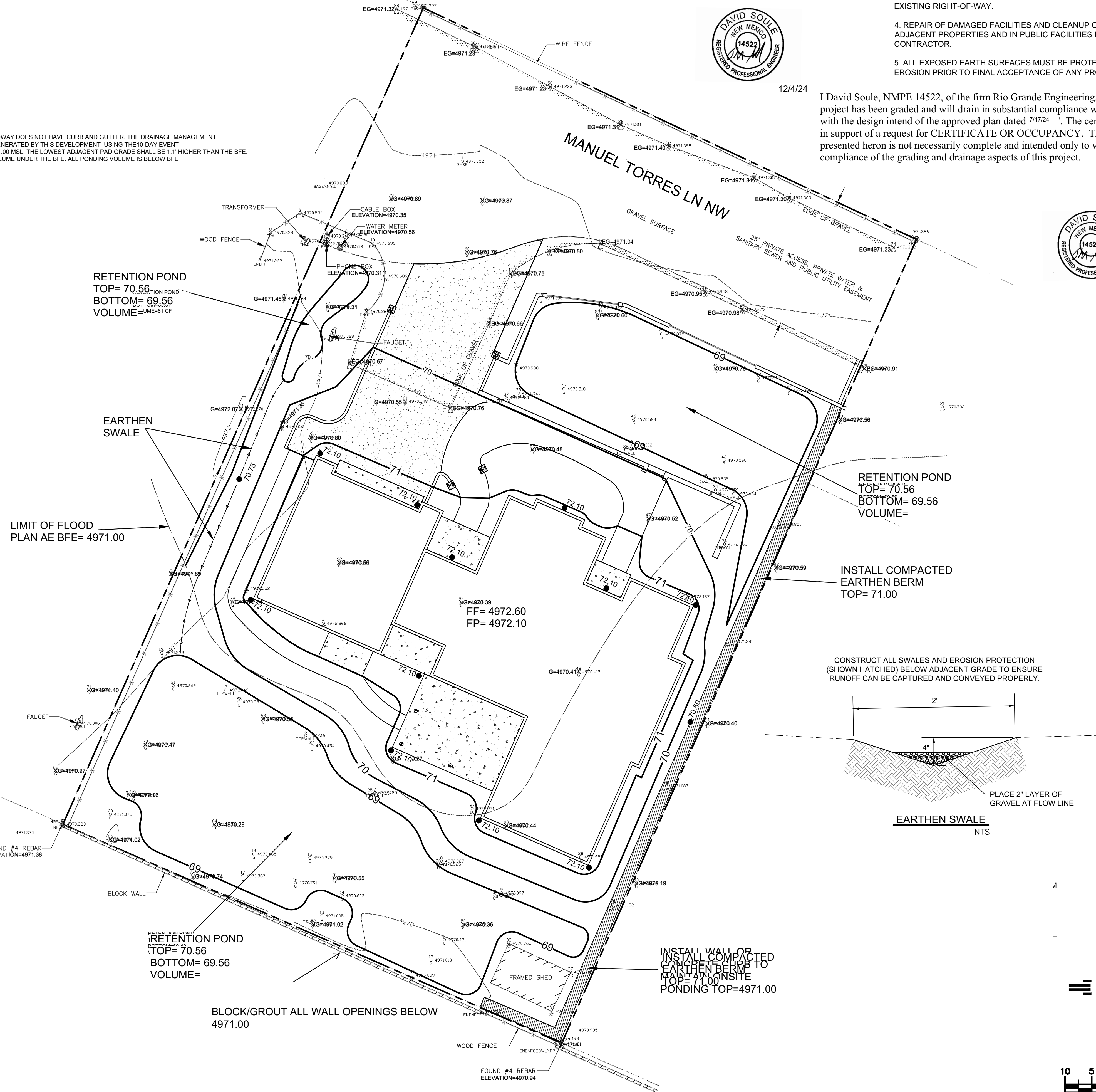
TRACT 3 LANDS OF TORRES
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

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 ANTHONY L. HARRIS, N.M.P.S.#11463 HARRIS SURVEYING, INC. 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 CONCRETE
=====	PROPOSED COMPACTED EARTHEN BERM



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	TRACT 3 LANDS OF TORRES 2414 MANUEL TORRES LANE GRADING AND DRAINAGE PLAN Rio Grande Engineering P.O. BOX 53294 ALBUQUERQUE, NM 87199 (505) 321-8099	DRAWN BY DEM
DAVID SOULE P.E. #14522		DATE 5-3-24
		SHEET # C1
		JOB #