

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

March 19, 2026

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

**RE: 3526 Girard Blvd NE**  
**PERMANENT C.O. – Accepted**  
**Engineer's Certification Date: 03/15/2026**  
**Engineer's Stamp Date: 06/19/2025**  
**Hydrology File: G16D160**  
**Case # HYDR-2026-00103**

Dear Mr. Soule:

PO Box 1293

Based on the Certification received 03/16/2026 and the site visit on 03/19/2026, this letter serves as an approval from Hydrology Section for a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

Albuquerque

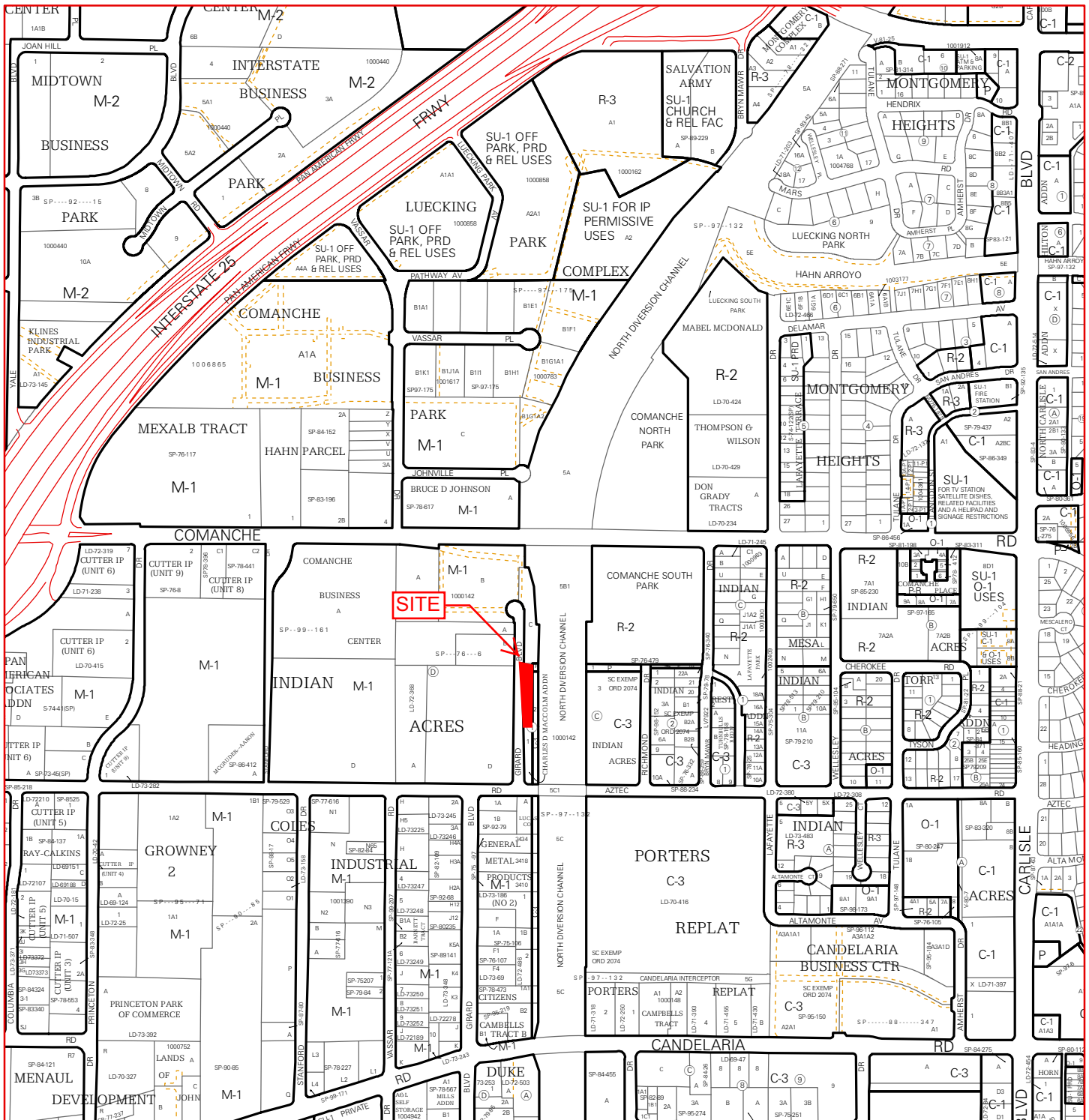
If you have any questions, please contact me at 505-924-3995 or [baileythompson@cabq.gov](mailto:baileythompson@cabq.gov).

NM 87103

Sincerely,

[www.cabq.gov](http://www.cabq.gov)

Bailey Thompson, E.I.  
Engineer Associate, Hydrology  
Planning Department, Development Review Services



For more current information and more details visit: <http://www.cabq.gov/gis>

Map amended through: 2/4/2010

Note: Grey Shading Represents Area Outside of the City Limits

Zone Atlas Page:  
**G-16-Z**

Selected Symbols

- Escarpment
- 2 Mile Airport Zone
- Airport Noise Contours
- Wall Overlay Zone
- Sector Plans
- Design Overlay Zones
- City Historic Zones
- H-1 Buffer Zone
- Petroglyph Mon.

0 750 1,500 Feet

Weighted E Method

Basin	Area (sq-ft)	Area (acres)	100-Year 6-hr				10-DAY							
			Treatment A % (acres)	Treatment B % (acres)	Treatment C % (acres)	Treatment D % (acres)	Weighted E (ac-ft)	Flow cfs	Volume (ac-ft)					
HISTORICAL	27241.00	0.625	100%	0.6254	0%	0.000	0%	0.000	0.620	0.032	1.07	0.032		
PROPOSED	27241.00	0.625	0%	0	5%	0.031	84%	0.525	11%	0.069	1.162	0.061	1.97	0.068

Equations:

Weighted E = Ea\**A*a + Eb\**A*b + Ec\**A*c + Ed\**A*d / (Total Area)

Volume = Weighted D \* Total Area WATER QUALITY REQUIREMENT= 104.637

Flow = Qa \* *A*a + Qb \* *A*b + Qc \* *A*c + Qd \* *A*d

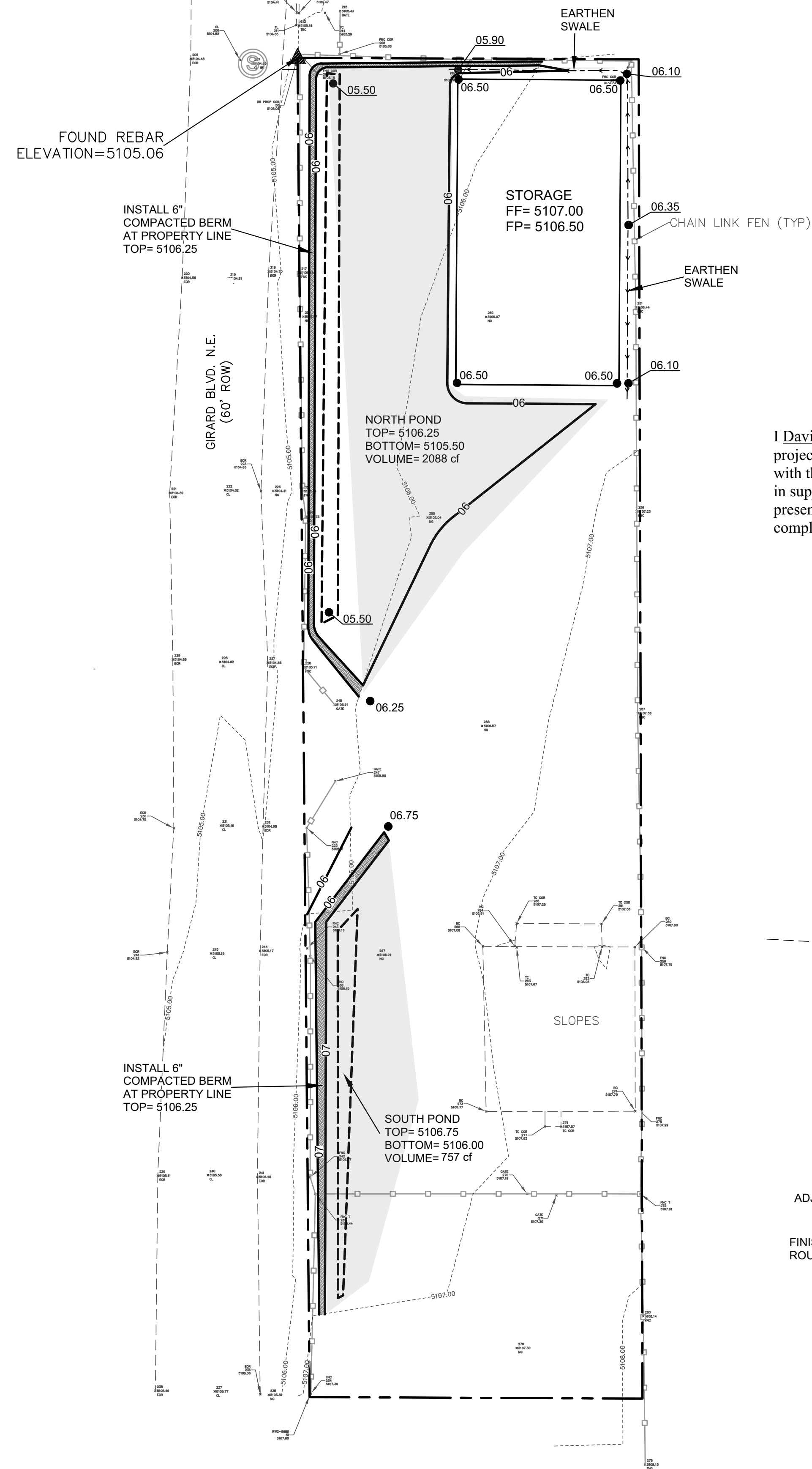
Where for 100-year, 6-hour storm(zone2)

Ea= 0.02	Qa= 1.71
Eb= 0.8	Qb= 2.36
Ec= 1.03	Qc= 3.05
Ed= 2.33	Qd= 4.34

Developed Conditions	FLAT GRADING SCHEME	PEAK FLOW	TOTAL FLOW
		1.07 CFS	1407 CF
		1.97 CFS	2969 CF
		0.00 CFS	2745 CF

DRAINAGE NARRATIVE

THIS SITE IS AN IN FILL DEVELOPMENT. THE SITE IN AREA RETAIN ALL THEIR FLOW THEREFORE WE PROPOSE TO RETAIN THE 100-YEAR 10-DAY VOLUME ONSITE. THE SITE IS NOT IMPACTED BY UPLAND FLOW DUE TO THE SSCAFCA MAIN DIVERSION CHANNEL.

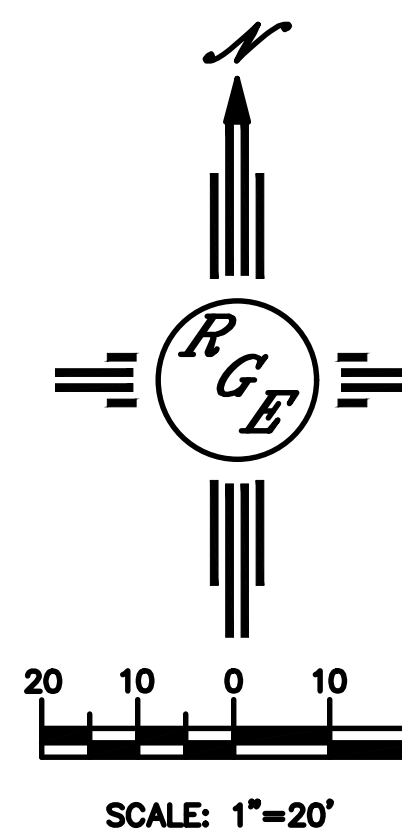
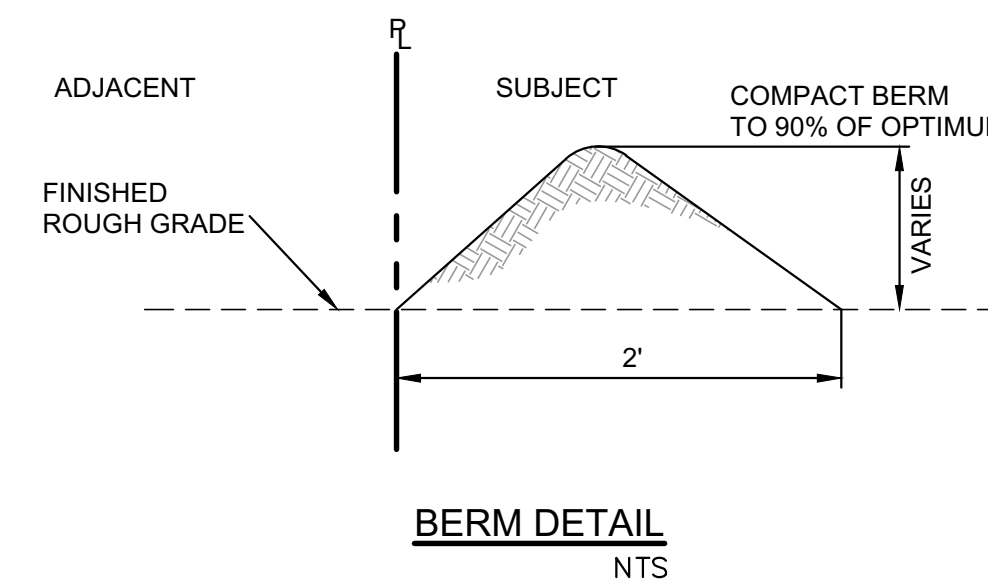
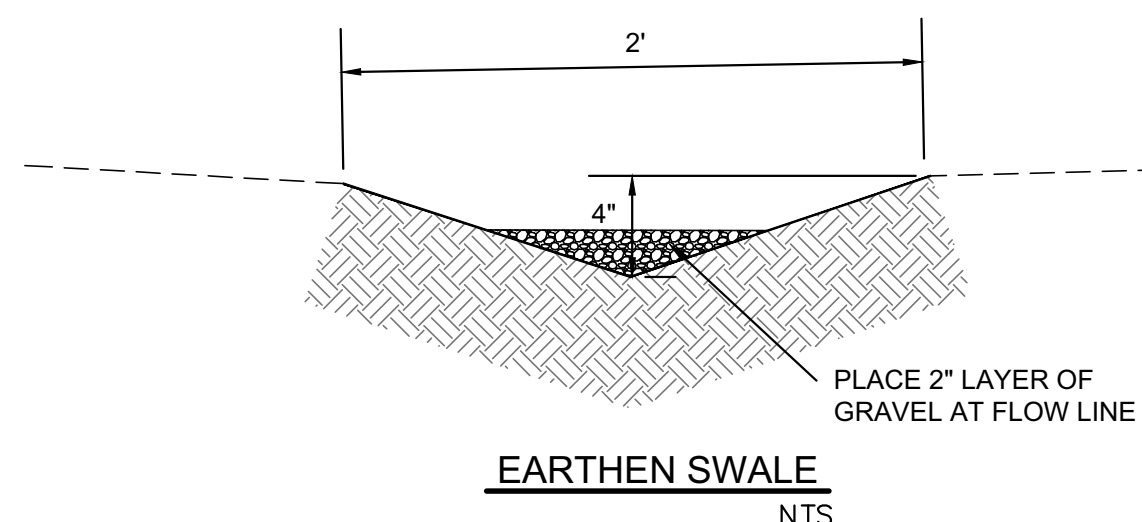


I David Soule, NMPE 14522, of the firm Rio Grande Engineering, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intend of the approved plan dated 6/19/25. The certification is submitted in support of a request for CERTIFICATE 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.



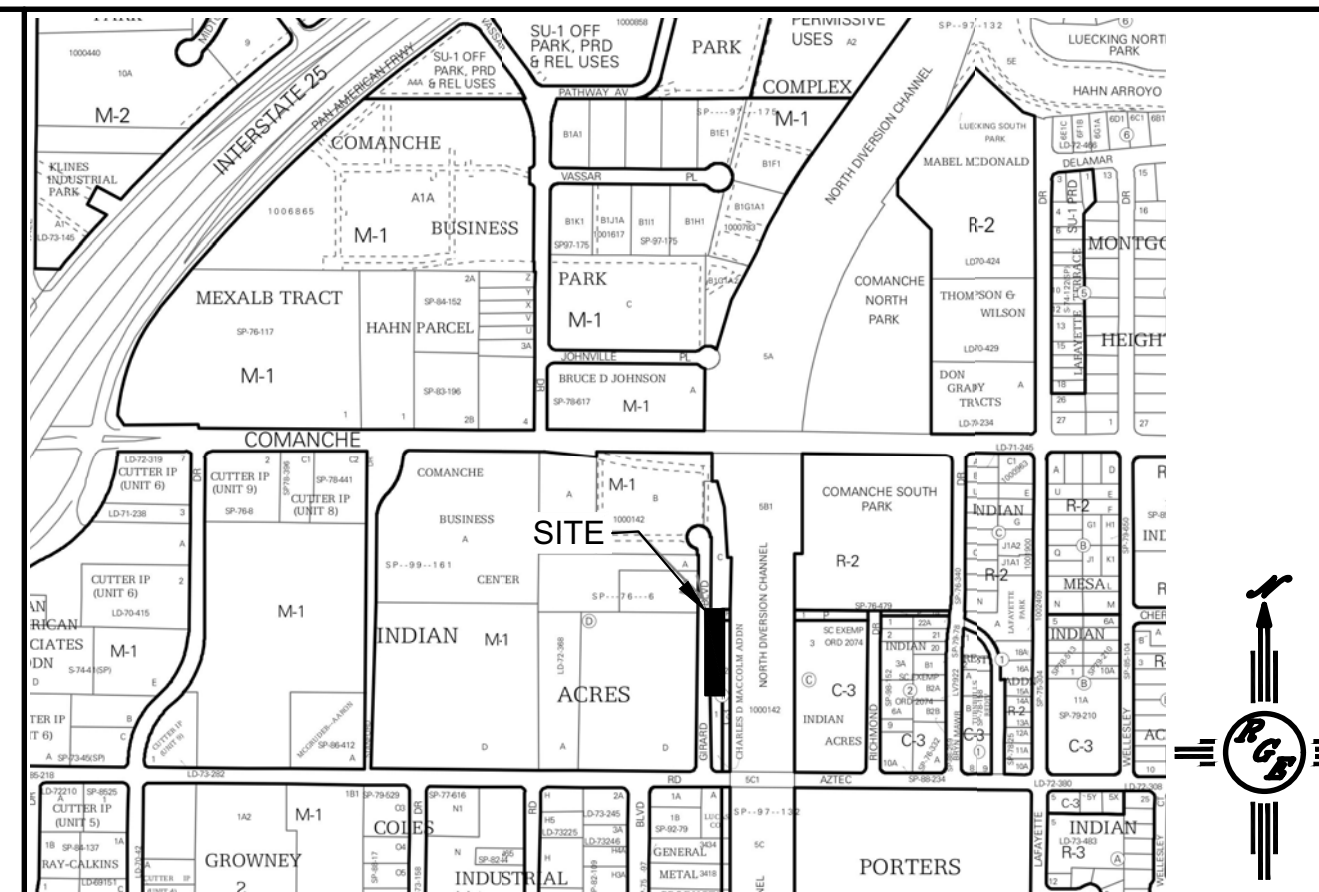
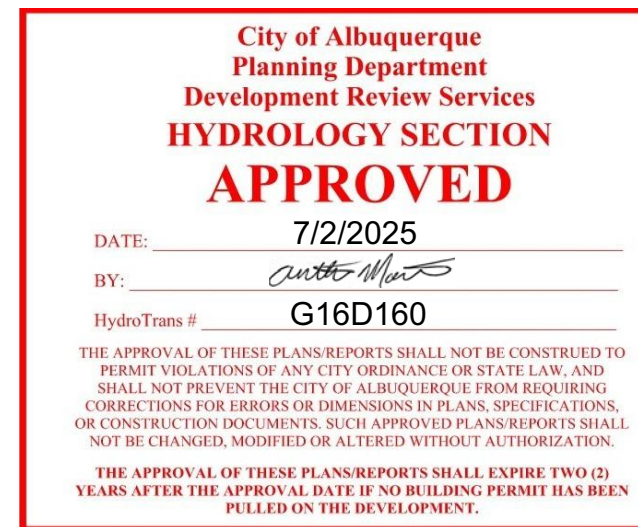
3/15/26

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

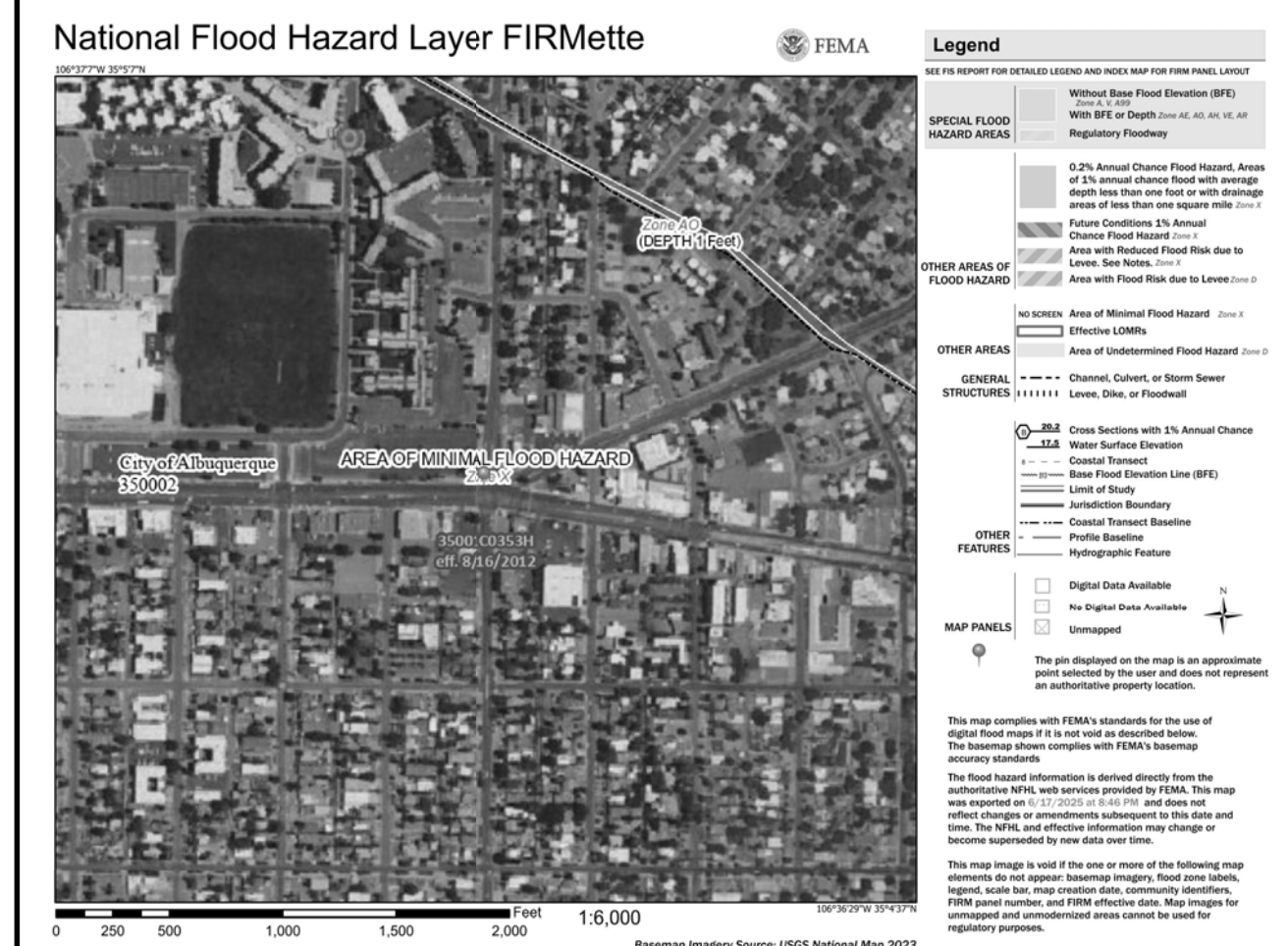


EROSION CONTROL NOTES:

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.



VICINITY MAP: G-16-Z



FIRM MAP:

**LEGAL DESCRIPTION:**  
LOT 2 CHARLES D. MALCOLM 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 PERMITTED SEPARATELY ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
4. SURVEY INFORMATION PROVIDED BY DYNAMIC CONSTRUCTION AND TECHNOLOGY LLC USING NAVD DATUM 1988.
5. LONG TERM MAINTENANCE OF ALL PONDS, SWALES AND OVERFLOWS IS REQUIRED
6. 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 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	LOT 2 CHARLES D. MALCOLM ADDITION 3526 GIRARD BLVD NE	DRAWN BY DEM
DAVID SOULE NEW MEXICO REGISTERED PROFESSIONAL ENGINEER		DATE 6-18-25
	GRADING AND DRAINAGE PLAN	C:\SS3\GardBlvdNE-G&D.dwg
	Rio Grande Engineering	SHEET # C1
DAVID SOULE P.E. #14522	PO BOX 53294 ALBUQUERQUE, NM 87199 (505) 321-8099	JOB #