

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

February 12, 2025

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

RE: 506 Camino Espanol NW
Permanent C.O. – Accepted
Engineer's Certification Date: 2/4/25
Engineer's Stamp Date: 5/16/24
Hydrology File: E14D002B

Dear Mr. Soule:

PO Box 1293

Based on the Certification received 02/05/2025 and the site visit on 2/12/2025, 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 505-924-3314 or amontoya@cabq.gov.

NM 87103

Sincerely,

www.cabq.gov

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

Weighted E Method

Basin	Area (sf)	Area (acres)	100-Year, 6-hr.				Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	100 yr 24-HOUR Volume (ac-ft)	100 yr 10-DAY Volume (ac-ft)
			Treatment A (acres)	Treatment B (acres)	Treatment C (acres)	Treatment D (acres)					
Historical	10442.00	0.240	100%	0.2397	0%	0.000	0%	0.000	0%	0.000	0.012
PROPOSED	10442.00	0.240	0%	0	48%	0.115	24%	0.058	28%	0.067	0.035

Equations:

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
Eb= 0.8
Ec= 1.06
Ed= 2.33

Qa= 1.71
Qb= 2.36
Qc= 3.05
Qd= 4.34

Developed Conditions

HISTORICAL DISCHARGE

540 CF

24 HOUR

10 DAY

1223 CF

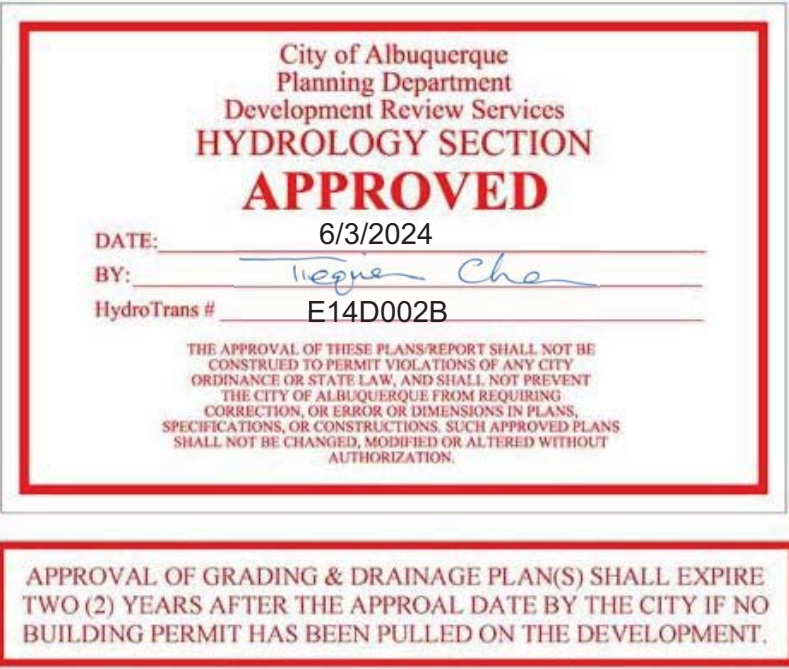
1530 CF

3214 CF

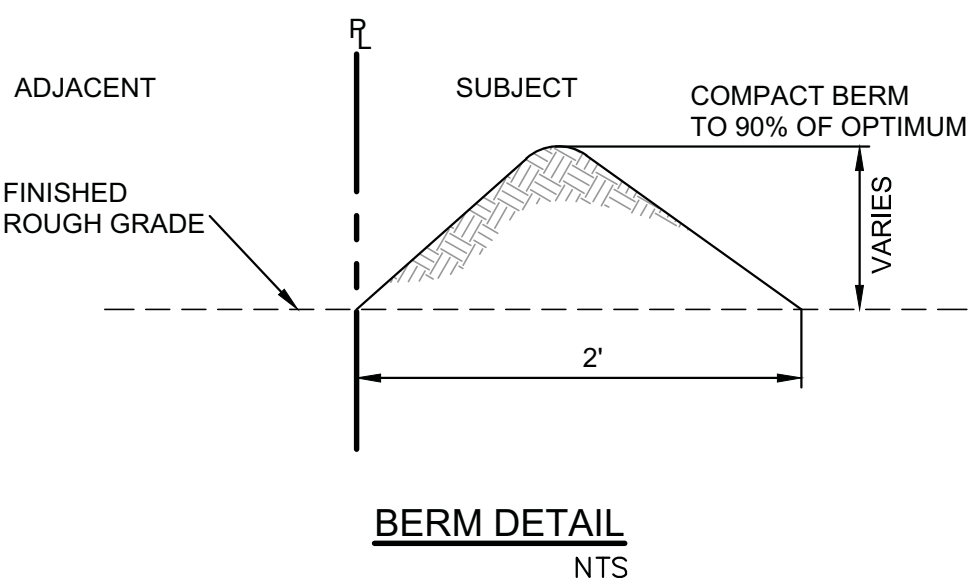
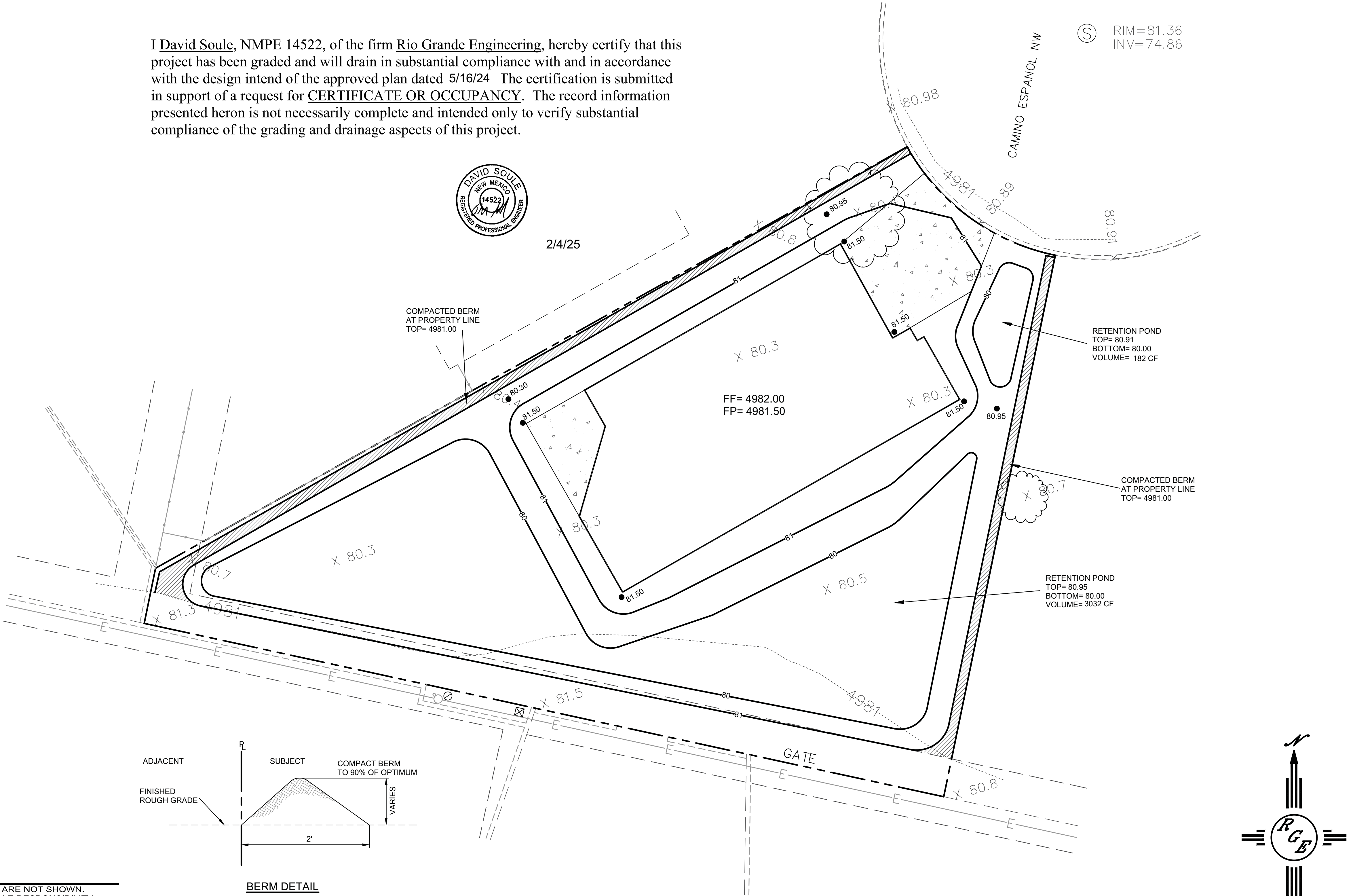
3214 CF

TOTAL VOLUME

This site is within a development subdivision. The site is governed by drainage file E14-D002. The plans show the sites are to have rear yard ponds and the fronts drain to the street. We shall conform to the valley flat area drainage scheme. The site will retain the 100-year 10-day volume. The ponds will overflow to the street in the event. The surrounding are is flat, existing walls and proposed berms do on t allow offsite flows enter the site. The pad is proposed to be 1' higher than the maximum water surface elevation.



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 5/16/24. 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.



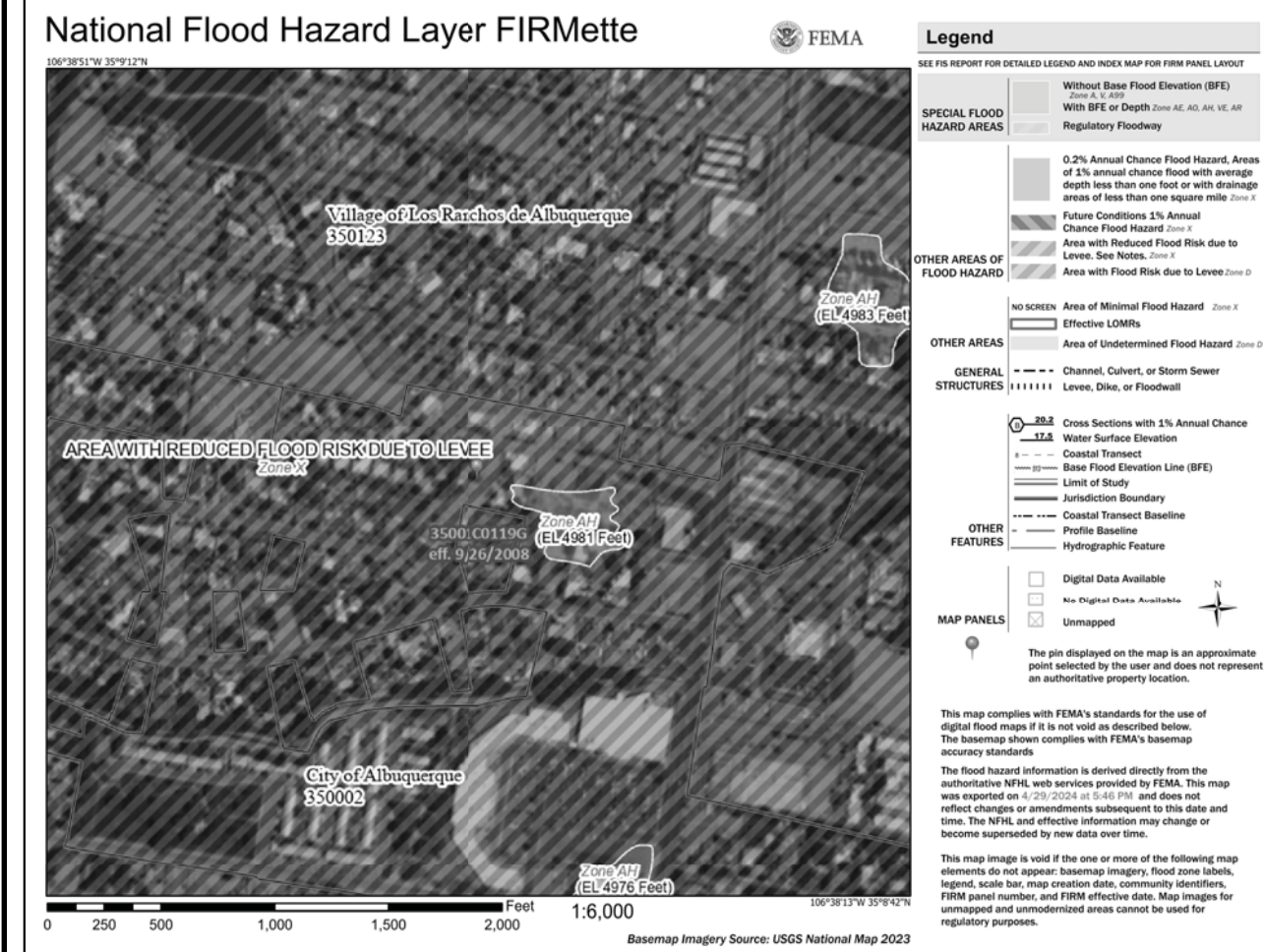
CAUTION:
EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

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:



FIRM MAP:

LEGAL DESCRIPTION:

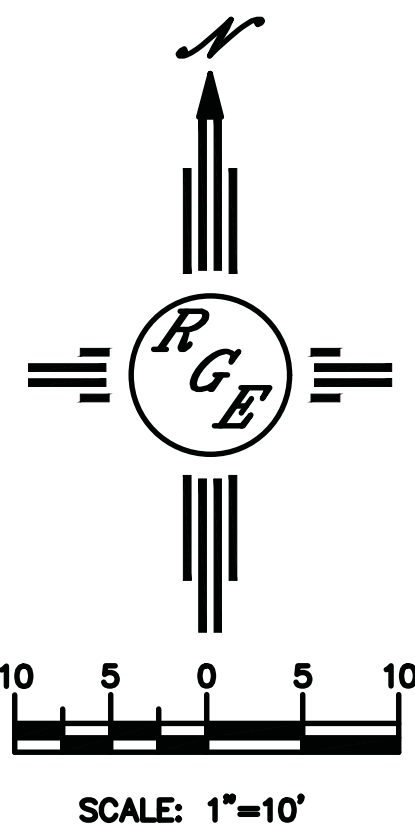
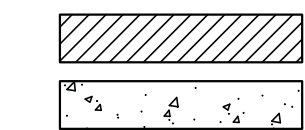
LOT 4, BLOCK B SPANISH WALK
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

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 EARTHEN BERM
- PROPOSED CONCRETE



ENGINEER'S SEAL 5/16/24 DAVID SOULE P.E. #14522	LOT 4, BLK B SPANISH WALK 506 CAMINO ESPANOL NW GRADING AND DRAINAGE PLAN P.O. BOX 33924 ALBUQUERQUE, NM 87199 (505) 321-9099	DRAWN BY DEM DATE 5-1-24 506 Camino Espanol NW.DWG
		SHEET # C1 JOB #