

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

March 10, 2026

David Soule, P.E.  
Rio Grande Engineering  
PO BOX 93924  
Albuquerque, NM 87199

**RE: 907 Laurel Cir SE  
Grading & Drainage Plan  
Engineer's Stamp Date: 3/6/26  
Hydrology File: L17D031  
Case # HYDR-2026-00055**

Dear Mr. Soule:

PO Box 1293

Based upon the information provided in your submittal received 3/5/2026, the Grading and Drainage Plans are approved for Grading Permit and Building Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

Albuquerque

**PRIOR TO CERTIFICATE OF OCCUPANCY:**

NM 87103

1. Engineer's Certification, per the DPM Part 6-14 (F): Engineer's Certification Checklist For Non-Subdivision is required.

www.cabq.gov

As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, [jhughes@cabq.gov](mailto:jhughes@cabq.gov), 505-924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 505-924-3314 or [amontoya@cabq.gov](mailto:amontoya@cabq.gov).

Sincerely,

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		100 yr 10-day					
			%	(acres)	%	(acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)				
Historical	7020.00	0.161	15%	0.0242	60%	0.097	15%	0.024	10%	0.016	0.961	0.013	0.41	0.013
PROPOSED	7020.00	0.161	0%	0	18%	0.029	33%	0.053	49%	0.079	1.626	0.022	0.57	0.024

Equations:

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

Volume = Weighted E \* Total Area

Flow = Qa \* Aa + Qb \* Ab + Qc \* Ac + Qd \* Ad

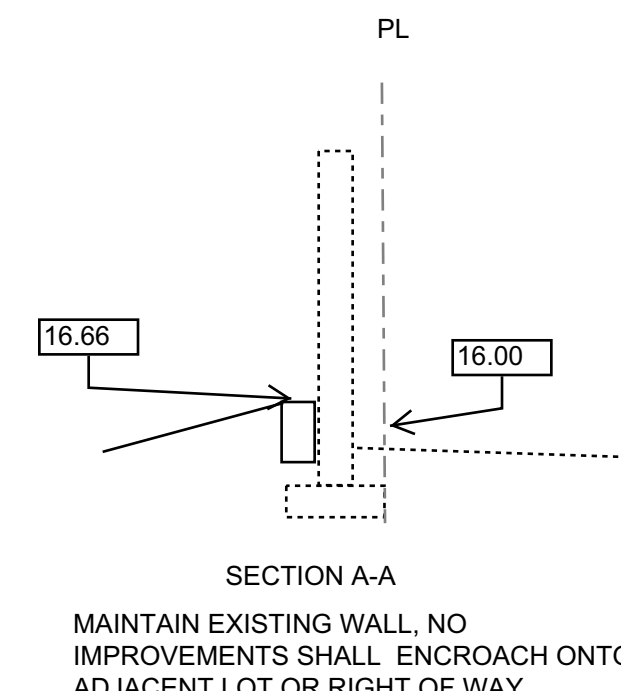
Where for 100-year, 6-hour storm(zone2)

Ea= 0.82	Qa= 1.71
Eb= 0.8	Qb= 2.36
Ec= 1.03	Qc= 3.05
Ed= 2.33	Qd= 4.34

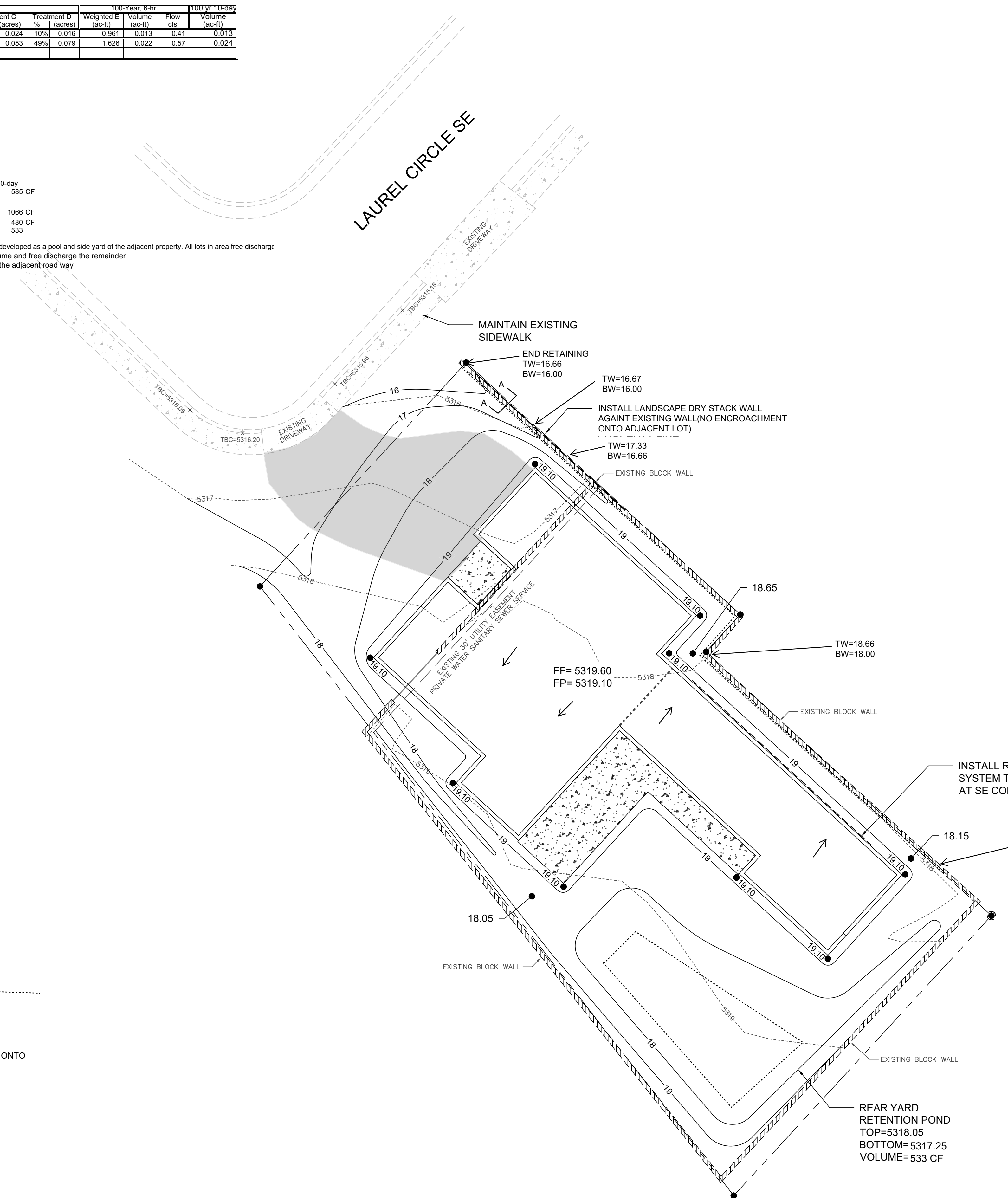
Developed Conditions

	TOTAL VOLUME	10-day
	6-hour	585 CF
HISTORIC GENERATION	562	
PROPOSED GENERATION	951	1066 CF
INCREASE PROVIDED	389	480 CF
	533	533

This site appears to be a development of a previously developed lot. The area was developed as a pool and side yard of the adjacent property. All lots in area free discharge. Therefore the drainage solution will retain the increase and water quality volume and free discharge the remainder. The historical drainage patterns and rates will remain to drain all the flow to the adjacent road way.



**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.



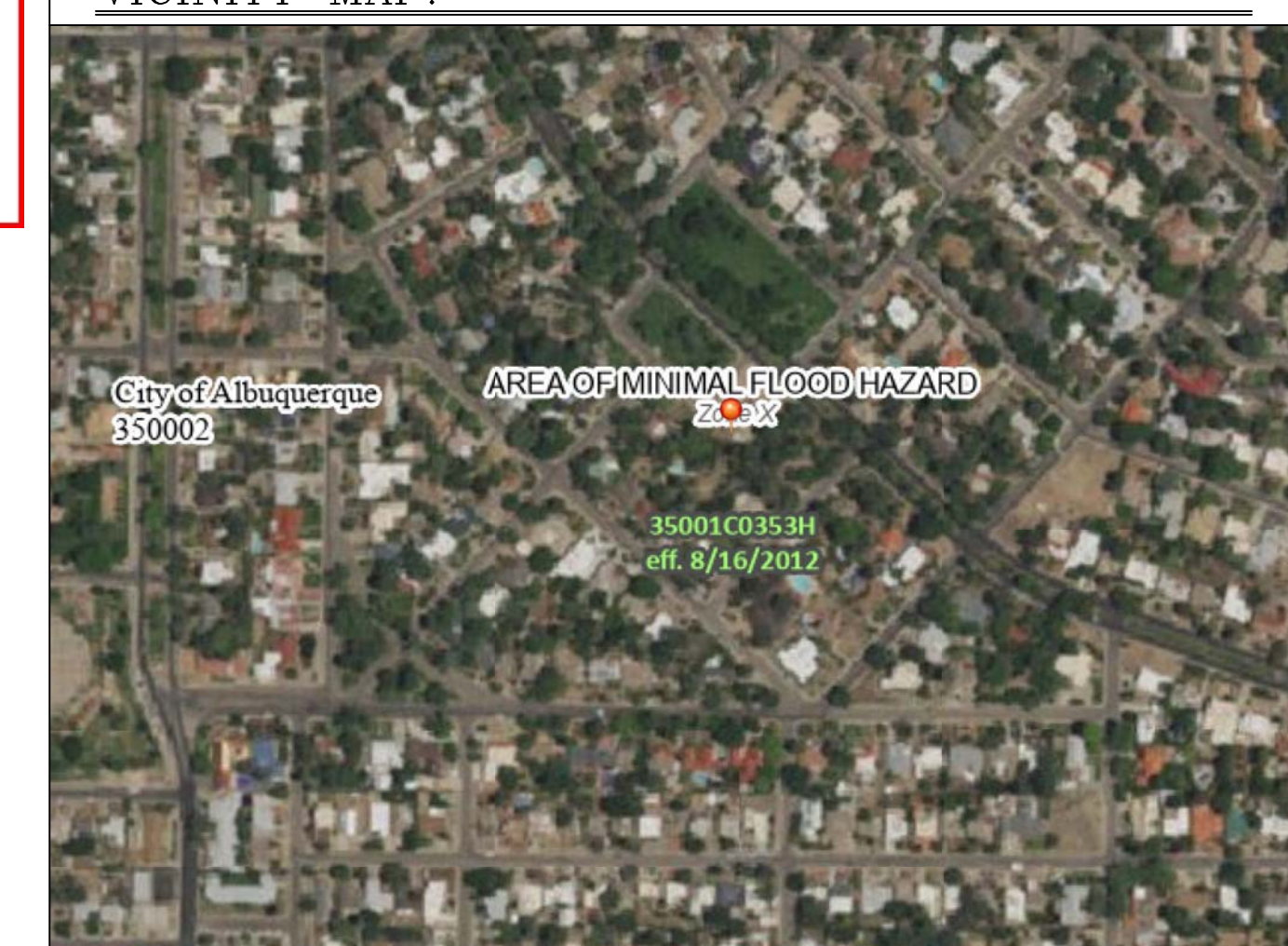
EROSION CONTROL NOTES:

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.

**City of Albuquerque  
Planning Department  
Development Review Services  
HYDROLOGY SECTION  
APPROVED**

DATE: 3/10/2026  
BY: *Justin Moore*  
HydroTrans # L17D031

THE APPROVAL OF THESE PLANS/REPORTS SHALL NOT BE CONSTRUED TO PERMIT VIOLATIONS OF ANY CITY ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT THE CITY OF ALBUQUERQUE FROM REQUIRING CORRECTIONS FOR ERRORS OR OMISSIONS IN PLANS, SPECIFICATIONS, OR CONSTRUCTION DOCUMENTS. SUCH APPROVED PLANS/REPORTS SHALL NOT BE CHANGED, MODIFIED OR ALTERED WITHOUT AUTHORIZATION.  
THE APPROVAL OF THESE PLANS/REPORTS SHALL EXPIRE TWO (2) YEARS AFTER THE APPROVAL DATE IF NO BUILDING PERMIT HAS BEEN FILED ON THE DEVELOPMENT.

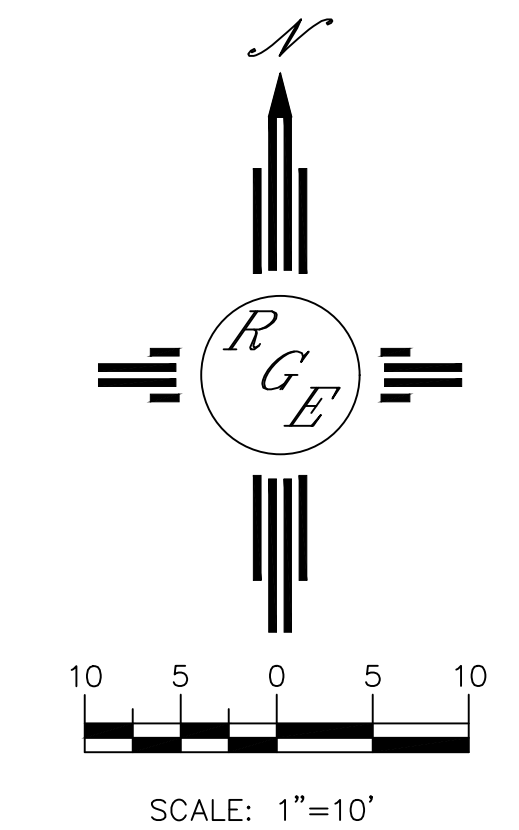


**LEGAL DESCRIPTION:**  
LOT 15-A, BLOCK 34, PARKLAND HILLS ADDITION  
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

- 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 TIMOTHY ALDRICH, R.P.L.S. #7719 ALDRICH LAND SURVEYING, USING NAVD DATUM 1988.

**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



ENGINEER'S SEAL	LOT 15-A, BLOCK 34 PARKLAND HILLS ADDITION 907 LAUREL CIR SE	DRAWN BY MM
	GRADING AND DRAINAGE PLAN	DATE 2-12-2026
3/6/26 2/11/26	 Rio Grande Engineering P.O. BOX 93894 ALBUQUERQUE, NM 87199 (505) 321-8099	SHEET # C1
DAVID SOULE P.E. #14522		JOB #