

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

February 5, 2026

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

RE: 1739 Soplo Rd SE
Grading and Drainage Plan
Engineer's Stamp Date: 1/24/26
Hydrology File: N23D002
Case # HYDR-2026-00016

Dear Mr. Soule:

Based upon the information provided in your submittal received 01/27/2026, the Grading & Drainage Plans are approved for Grading Permit, Building Permit, and SO-19 Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

PO Box 1293

Albuquerque

NM 87103

PRIOR TO CERTIFICATE OF OCCUPANCY:

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

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

www.cabq.gov

Sincerely,

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

Private Drainage Facilities within City Right-of-Way
Notice to Contractor
(Special Order 19 ~ "SO-19")

1. An excavation permit will be required before beginning any work within City Right-Of-Way.
2. All work on this project shall be performed in accordance with applicable federal, state and local laws, rules and regulations concerning construction safety and health.
3. Two working days prior to any excavation, the contractor must contact **New Mexico One Call, dial "811"** [or (505) 260-1990] for the location of existing utilities.
4. Prior to construction, the contractor shall excavate and verify the locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to traffic/street use.
6. Maintenance of the facility shall be the responsibility of the owner of the property being served.
7. Work on arterial streets may be required on a 24-hour basis.
8. Contractor must contact Augie Armijo at (505) 857-8607 and Construction Coordination at 924-3416 to schedule an inspection.

Weighted E Method

Basin	Area (sf)	Area (acres)	Treatment				100-Year 6-hr.		100 Yr 24-HOUR					
			% (acres)	% (acres)	% (acres)	% (acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)				
HISTORICAL	21424.00	0.492	100%	0.4918	0%	0.000	0%	0.000	0%	0.000	0.760	0.031	1.03	0.031
PROPOSED	21424.00	0.492	0%	0	35%	0.172	40%	0.197	25%	0.123	1.648	0.068	1.73	0.078

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(zoned)
Ea= 0.76 Qa= 2.09
Eb= 0.95 Qb= 2.73
Ec= 1.2 Qc= 3.41
Ed= 3.34 Qd= 4.78

Developed Conditions TOTAL VOLUME GENERATED
DISCHARGE PROPOSED 1.73 CFS 3298 CF
EXISTING DISCHARGE 1.03 CFS 1357 CF

This site is an development of one of the last vacant lots in 4 hills. The site was analyzed within file M23-D8. This lot is allowed free discharge with no retained volume required. The drainage solution is to capture in excess of the first flush volume and free discharge to the roadway. This site conforms to the city of albuquerque drainage ordinance and the governing drainage report

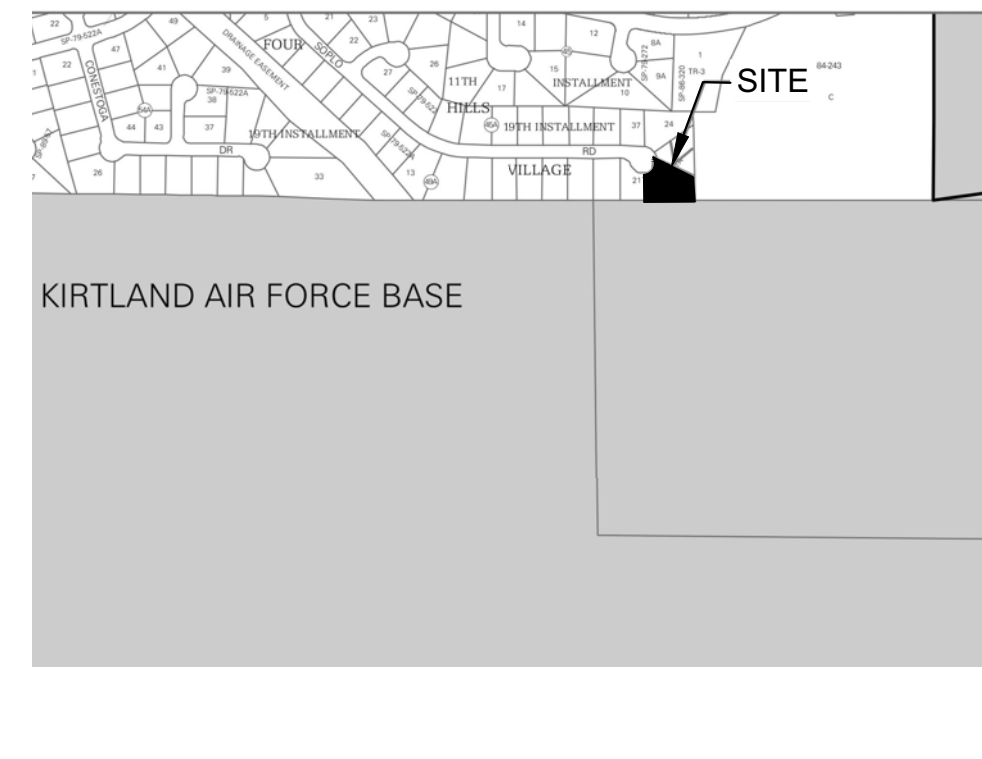
City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED

DATE: 2/5/2026
BY: *Cristina M...*
HydroTeam #: N23D002

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 REQUESTING CORRECTIONS FOR ERRORS OR DIMENSIONS 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.

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: N-23-Z

National Flood Hazard Layer FIRMette

LEGEND

- Special Flood Hazard Areas: 1% Annual Chance Flood Hazard, 0.2% Annual Chance Flood Hazard, etc.
- Other Areas: Area of Minimal Flood Hazard, etc.
- Map Panels: Digital Data Available, etc.

FIRM MAP:

LEGAL DESCRIPTION:

LOT 22, BLOCK 49A FOUR HILLS VILLAGE INSTALLMENT 19A
CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

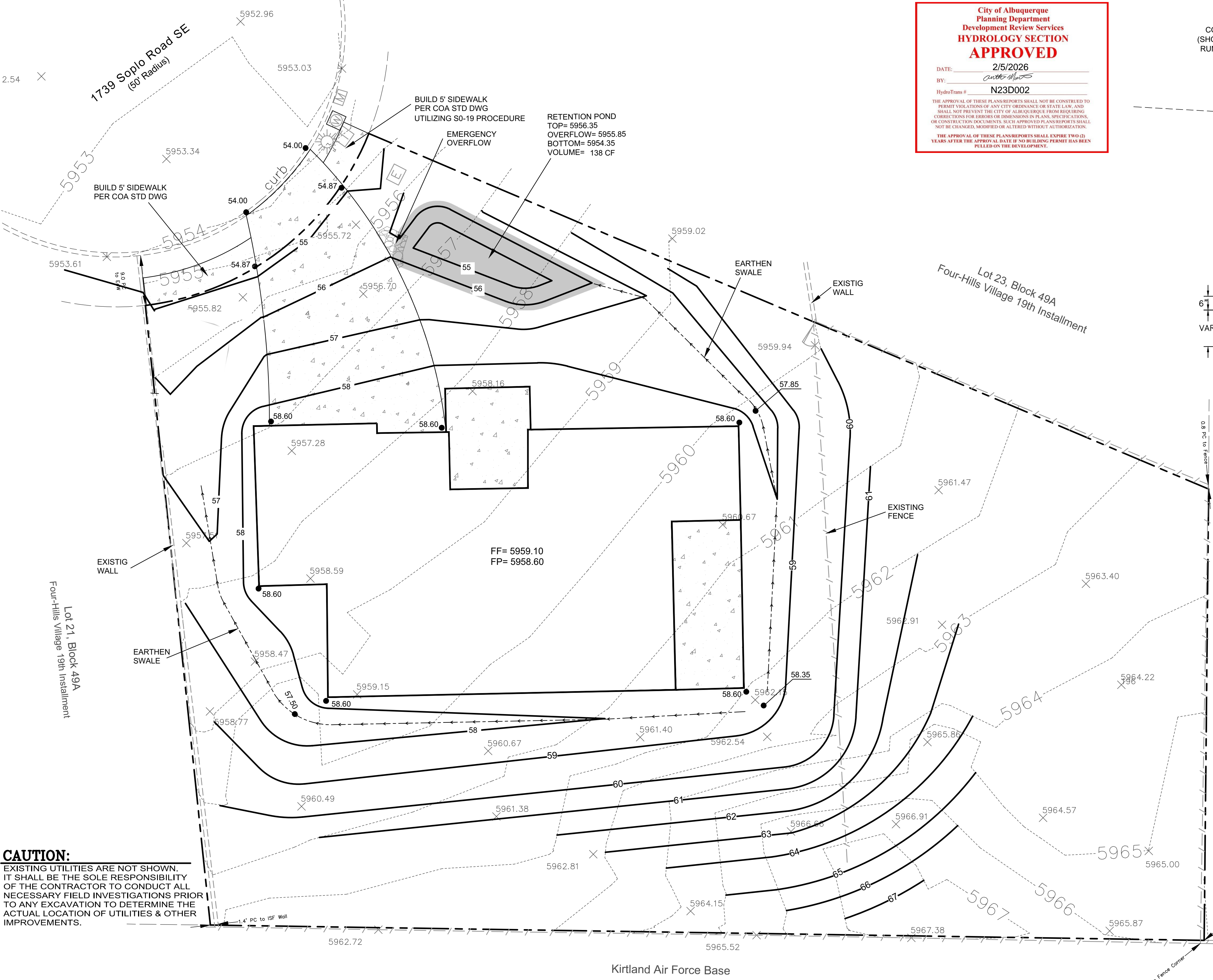
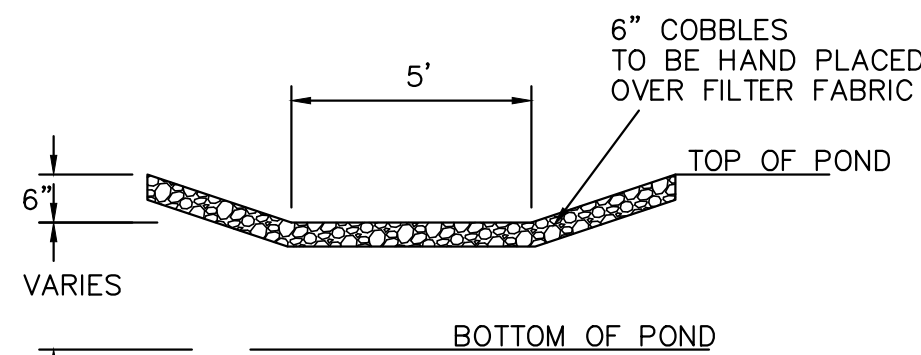
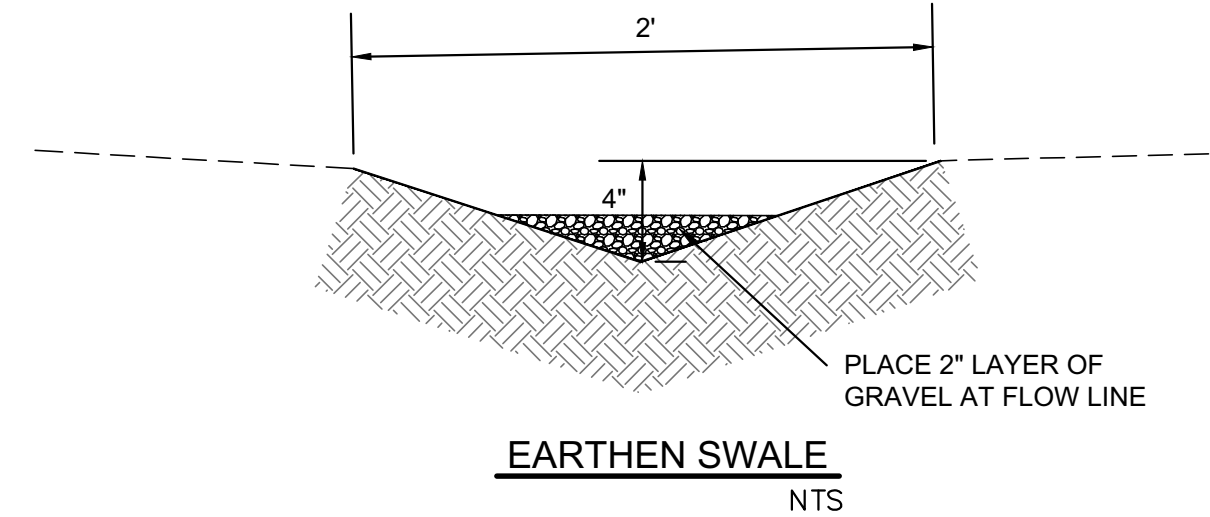
NOTES:

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 COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.
5. LONG TERM MAINTAINANCE 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 CONCRETE
- PROPOSED EMERGENCY OVERFLOW
- PROPOSED PONDING

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.

SCALE: 1"=10'

ENGINEER'S SEAL	LOT 22 BLK 49A FOUR HILLS VILLAGE 1739 SOPLO ROAD SE GRADING AND DRAINAGE PLAN	DRAWN BY DEM
		DATE 1-17-26
DAVID SOULE P.E. #14522		1738 Soplo Road SE, Albuquerque, NM 87109 (505) 321-8099
1/24/26	SHEET # C1	JOB #