

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

March 27, 2024

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

RE: 1630 Vassar Dr SE
Grading and Drainage Plan
Engineer's Stamp Date: 03/14/24
Hydrology File: L16D045

Dear Mr. Soule:

Based upon the information provided in your submittal received 03/20/2024, the Grading and Drainage Plan is approved for Building Permit and Grading Permit. **Since this site has a stem wall as part of the house design, a pad certification is not needed for this project.** Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

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 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department

Basin		Area (sf)	Area (acres)	100-YR 24-HOUR				100-YR 24-HOUR							
				Treatment A (acres)	Treatment B (acres)	Treatment C (acres)	Treatment D (acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)				
existing		8069.00	0.185	50%	0.0926	50%	0.093	0%	0.000	0%	0.000	0.640	0.10	0.34	0.010
PROPOSED		8069.00	0.185	0%	0	30%	0.056	33%	0.061	37%	0.069	1.361	0.021	0.58	0.026

Ea= 0.55	Qa= 1.54
Eb= 0.73	Qb= 2.16
Ec= 0.95	Qc= 2.87
Ed= 2.24	Qd= 4.12

Developed Condions	TOTAL VOLUME	PEAK F
HISTORICAL DISCHARGE	430 CF	0.34 CFS
PROPOSED GENERATION	1114 CF	0.578 CFS

City of Albuquerque
Planning Department
Development Review Section

HYDROLOGY SECTION

APPROVED

DATE: 03/27/24

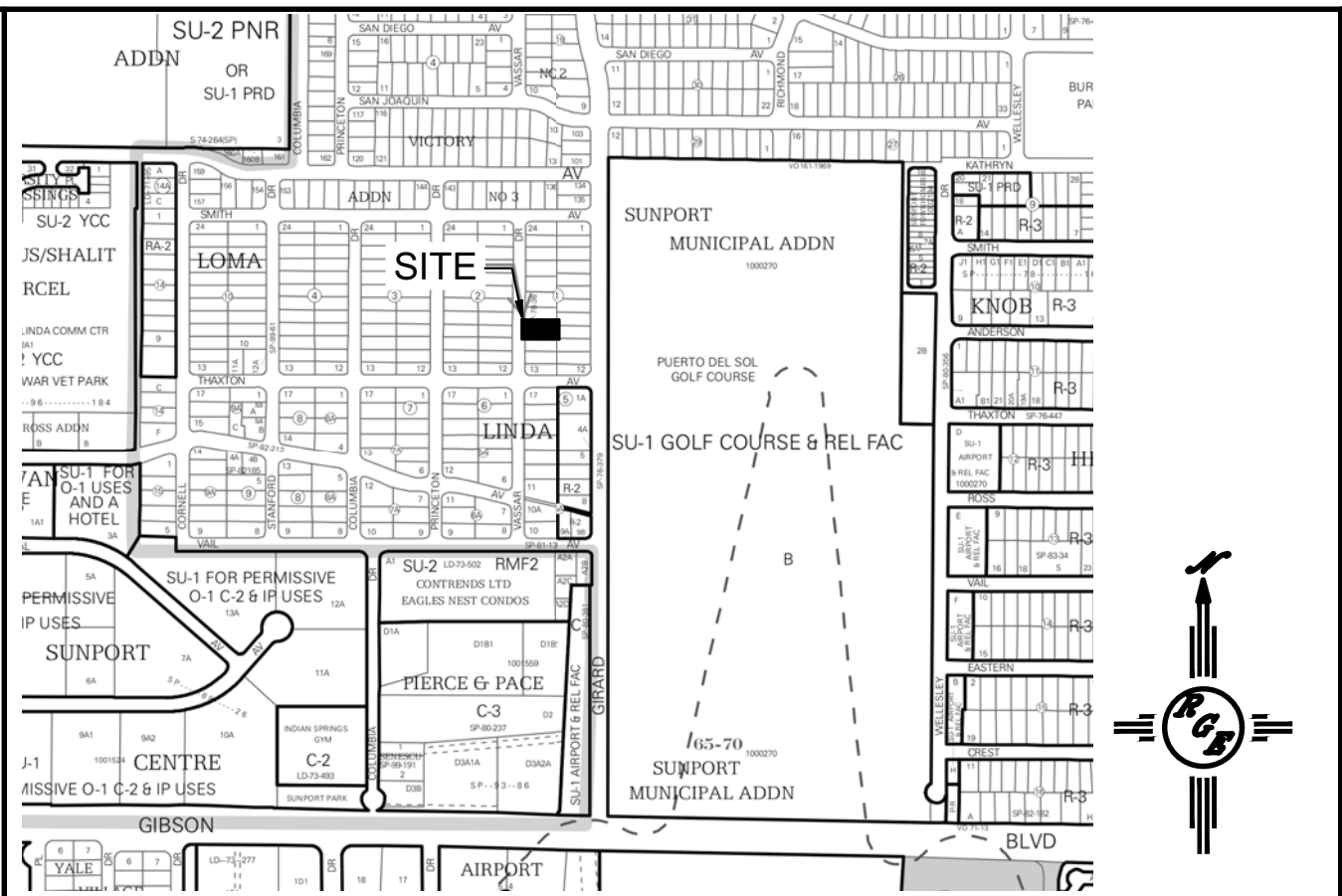
BY: Renee Brissette

HydroTrans # L16D045

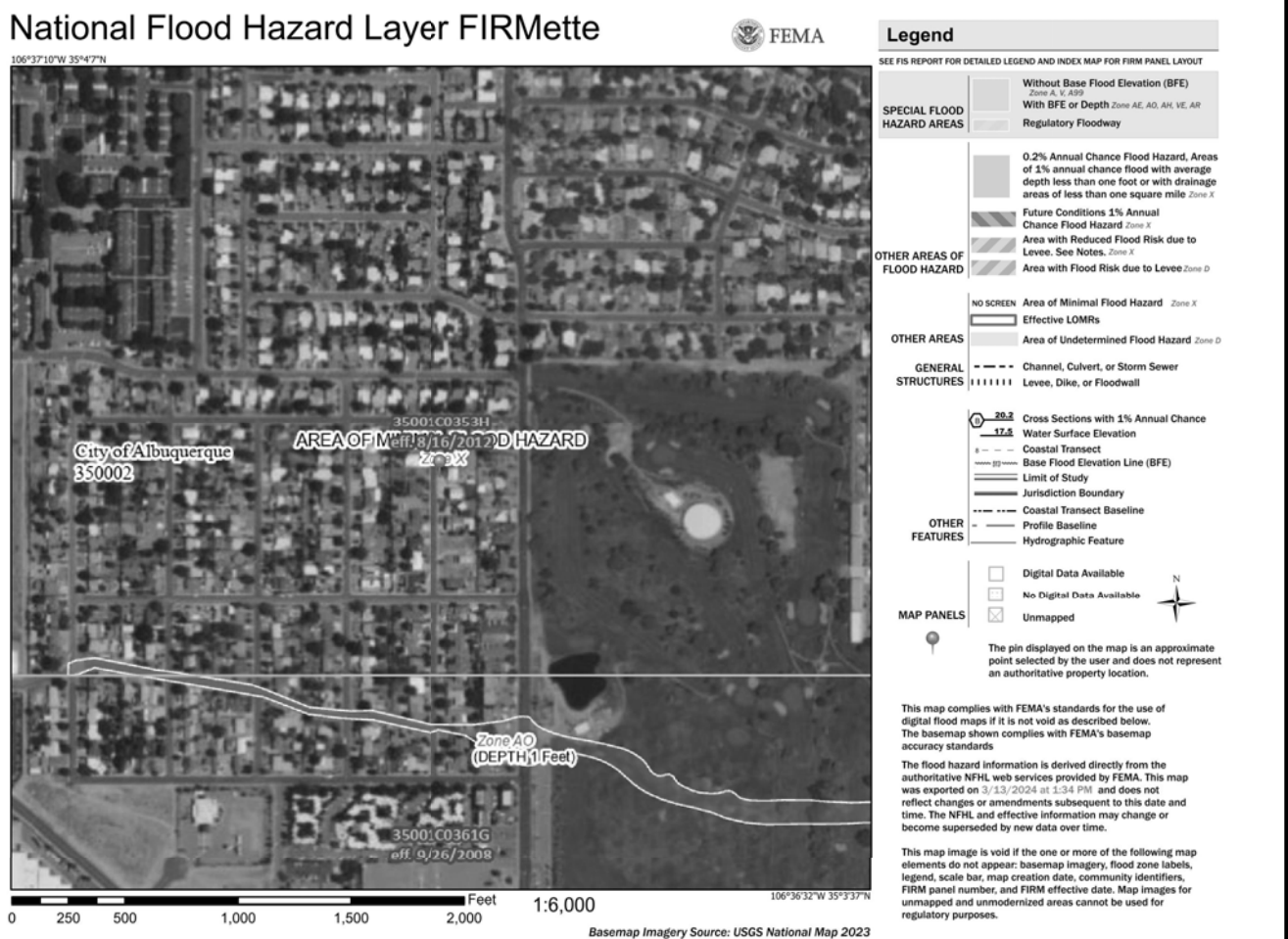
APPROVAL OF THESE PLANS AND/OR SHEETS SHALL NOT BE
CONSIDERED TO IMPLY A GUARANTEE BY THE CITY OF
ALBUQUERQUE OF STATE LAW, AND SHALL NOT PREVENT
THE CITY OF ALBUQUERQUE FROM MAKING ANY
CORRECTION OR ERROR OR CHANGING IN PLACE
SPECIAL CONDITIONS OR CONDITIONS. SUCH APPROVED PLANS
SHALL NOT BE CHANGED WITHOUT THE WRITTEN
AUTHORIZATION.

APPROVAL OF GRADING & DRAINAGE PLANS SHALL EXPIRE
TWO (2) YEARS AFTER THE APPROVAL DATE BY THE CITY IF NO
BUILDING PERMIT HAS BEEN SUBMITTED FOR THE DEVELOPMENT.

5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.



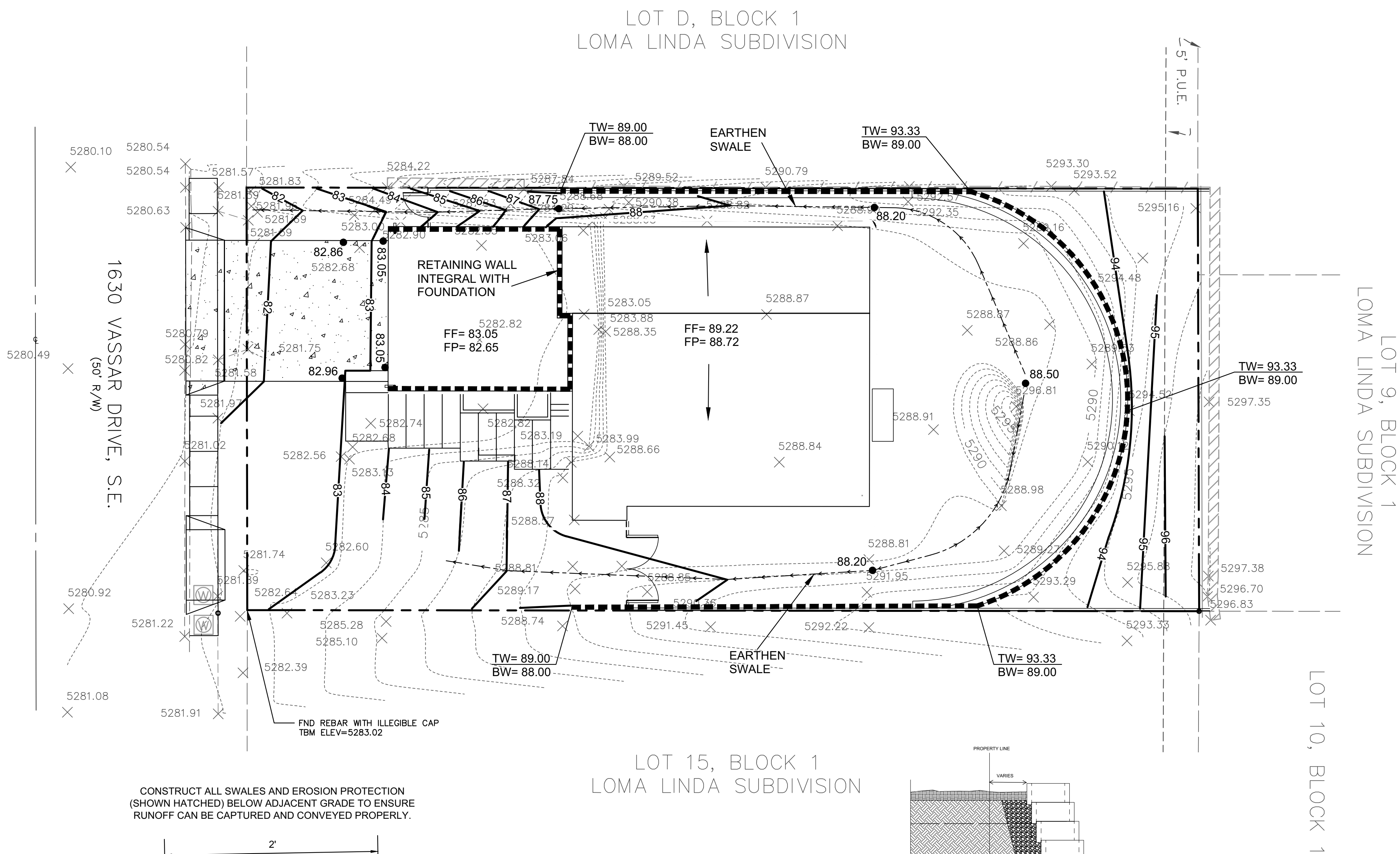
National Flood Hazard Layer FIRMette



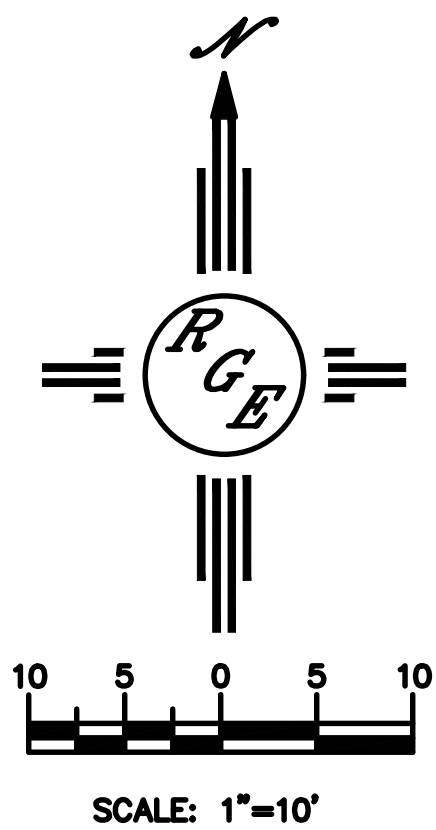
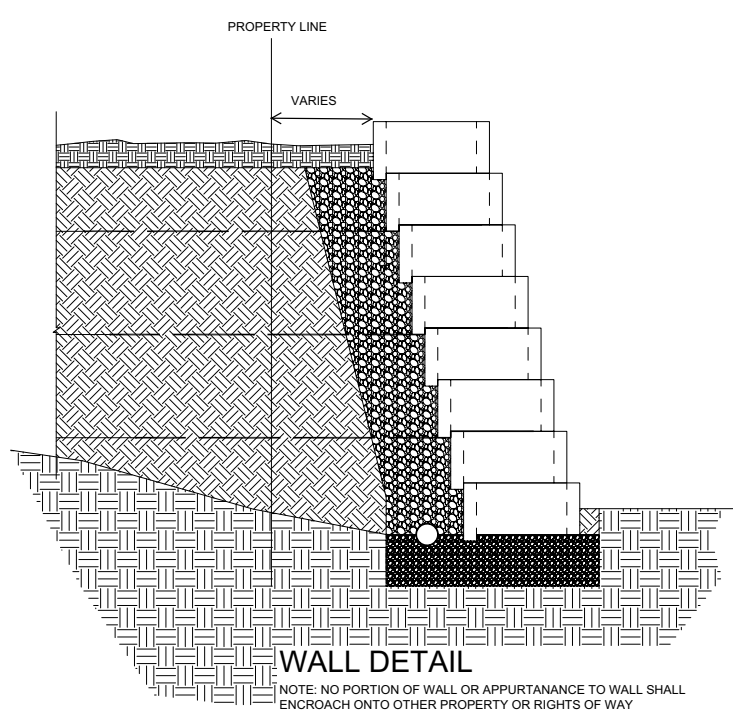
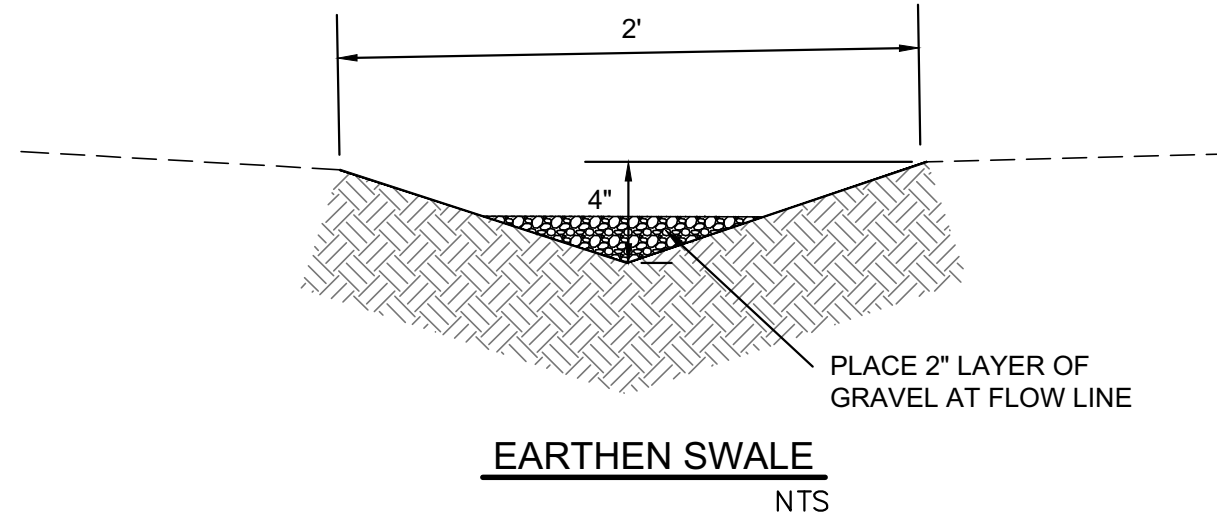
LEGAL DESCRIPTION:



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 NAV DATUM 1988.
5. A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING PERMIT.

	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION
	BOUNDARY
	ADJACENT BOUNDARY
	EXISTING CURB AND GUTTER
	PROPOSED EARTHEN SWALE
	PROPOSED RETAINING WALL
	PROPOSED CONCRETE



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 E-1, BLK 1 LOMA LINDA SUB. 1630 VASSAR DR S.E.	DRAWN BY DEM
	GRADING AND DRAINAGE PLAN	DATE 3-11-24 1630 Vassar Dr.dwg
3/14/24		SHEET # C1
DAVID SOULE P.E. #14522	PO BOX 83924 ALBUQUERQUE, NM 87189 (505) 321-9089	JOB # _____