

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

June 5, 2024

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

**RE: Feddy's - Wymont  
Grading and Drainage Plan  
Engineer's Stamp Date: 05/31/24  
Hydrology File: G19D004G**

Dear Mr. Soule:

Based upon the information provided in your submittal received 05/31/2024, the Grading & Drainage Plan is approved for Building Permit and Grading Permit. 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.

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), 924-3420) 14 days prior to any earth disturbance.

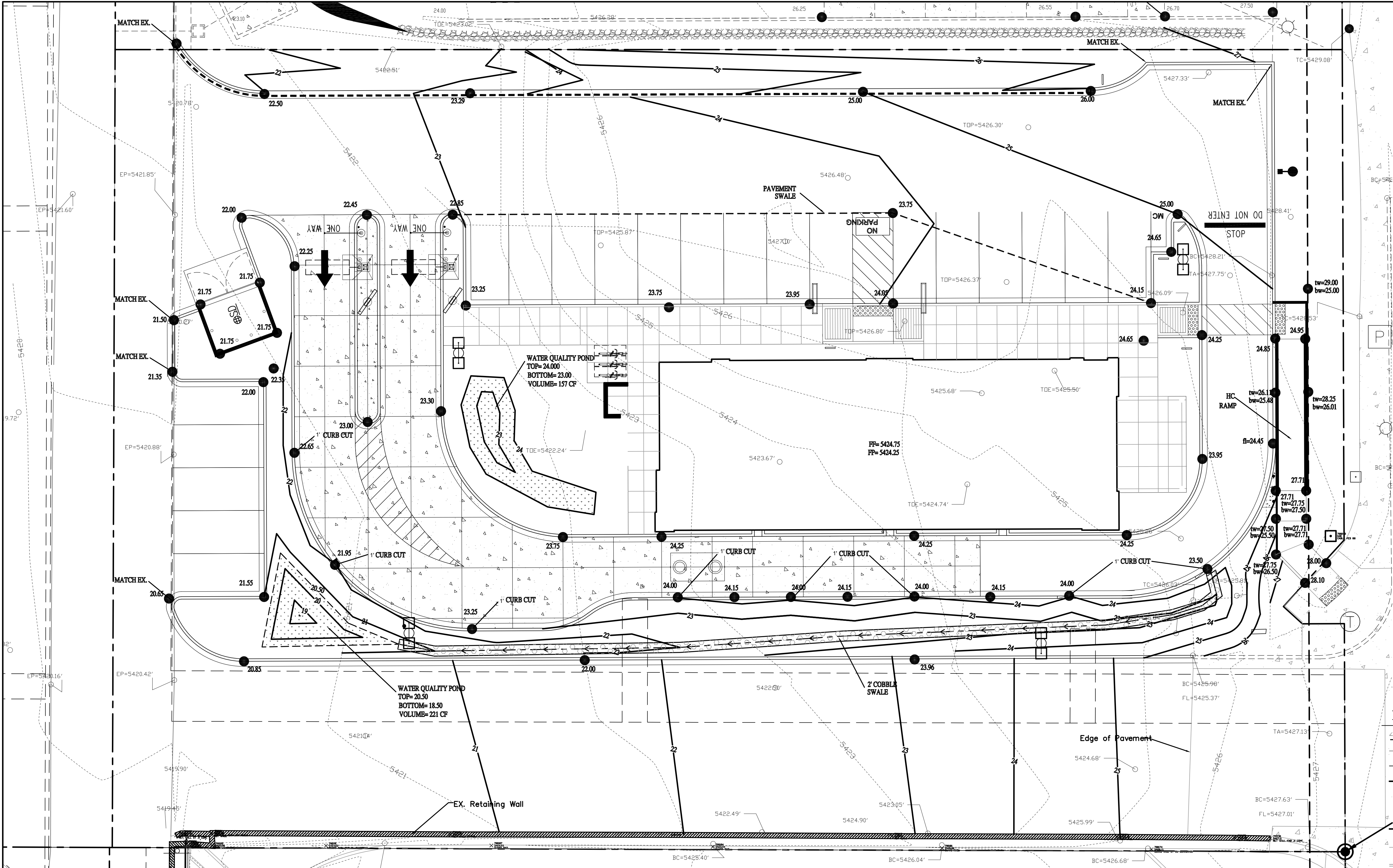
If you have any questions, please contact me at 924-3995 or [rbrissette@cabq.gov](mailto:rbrissette@cabq.gov).

Sincerely,

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







Weighted E Method

Existing Developed Basins									
Basin	Area (sf)	Treatment A		Treatment B		Treatment C		Treatment D	
		Area (acres)	%	Area (acres)	%	Area (acres)	%	Area (acres)	%
ALLOWED PER MASTERPLAN	38408	0.882	0%	15.0%	0.132	0.0%	0	85%	0.749
PROPOSED	38408	0.882	0%	10.0%	0.088	6.0%	0.0529	84%	0.741
COMPARISON			0.000	0.044		-0.053		0.009	

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

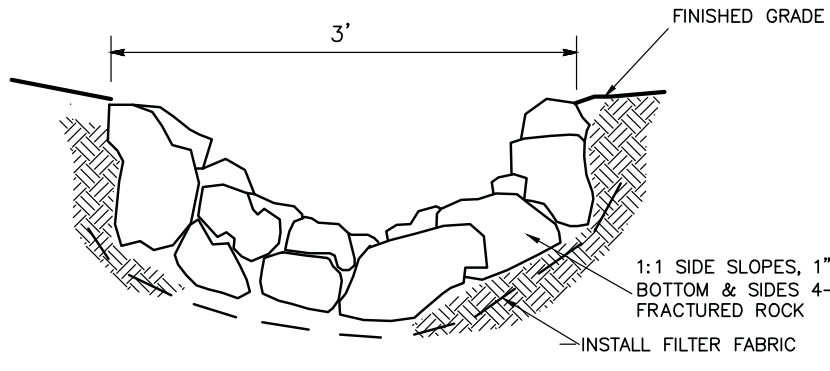
Where for 100-year, 6-hour storm (zone 3)

Ea= 0.67  
Eb= 0.86  
Ec= 1.09  
Ed= 2.58

Qa= 1.84  
Qb= 2.49  
Qc= 3.17  
Qd= 4.49

Pond volume required to reduce to below master plan assumption 0.00 cfs  
Pond volume provided 378 cfs

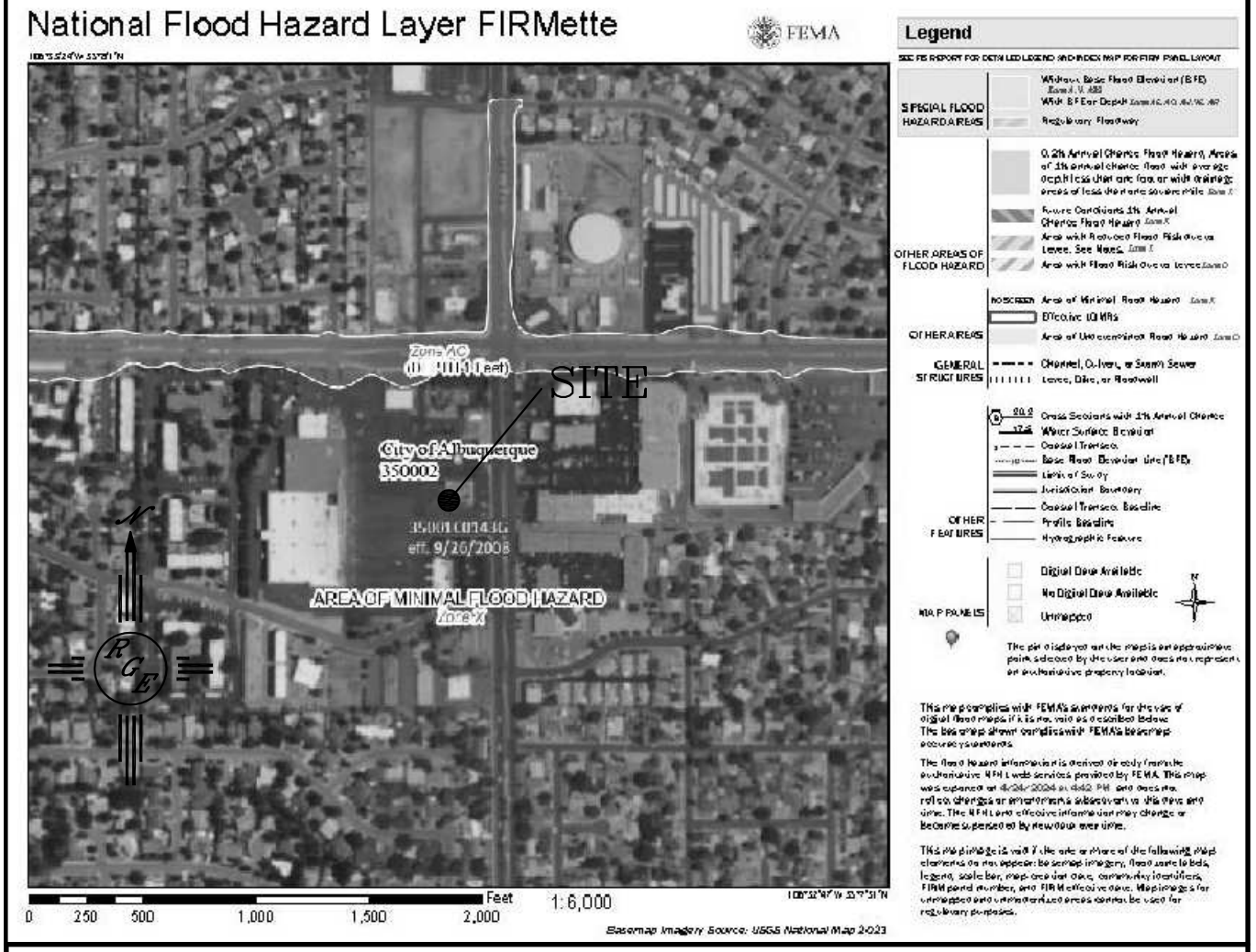
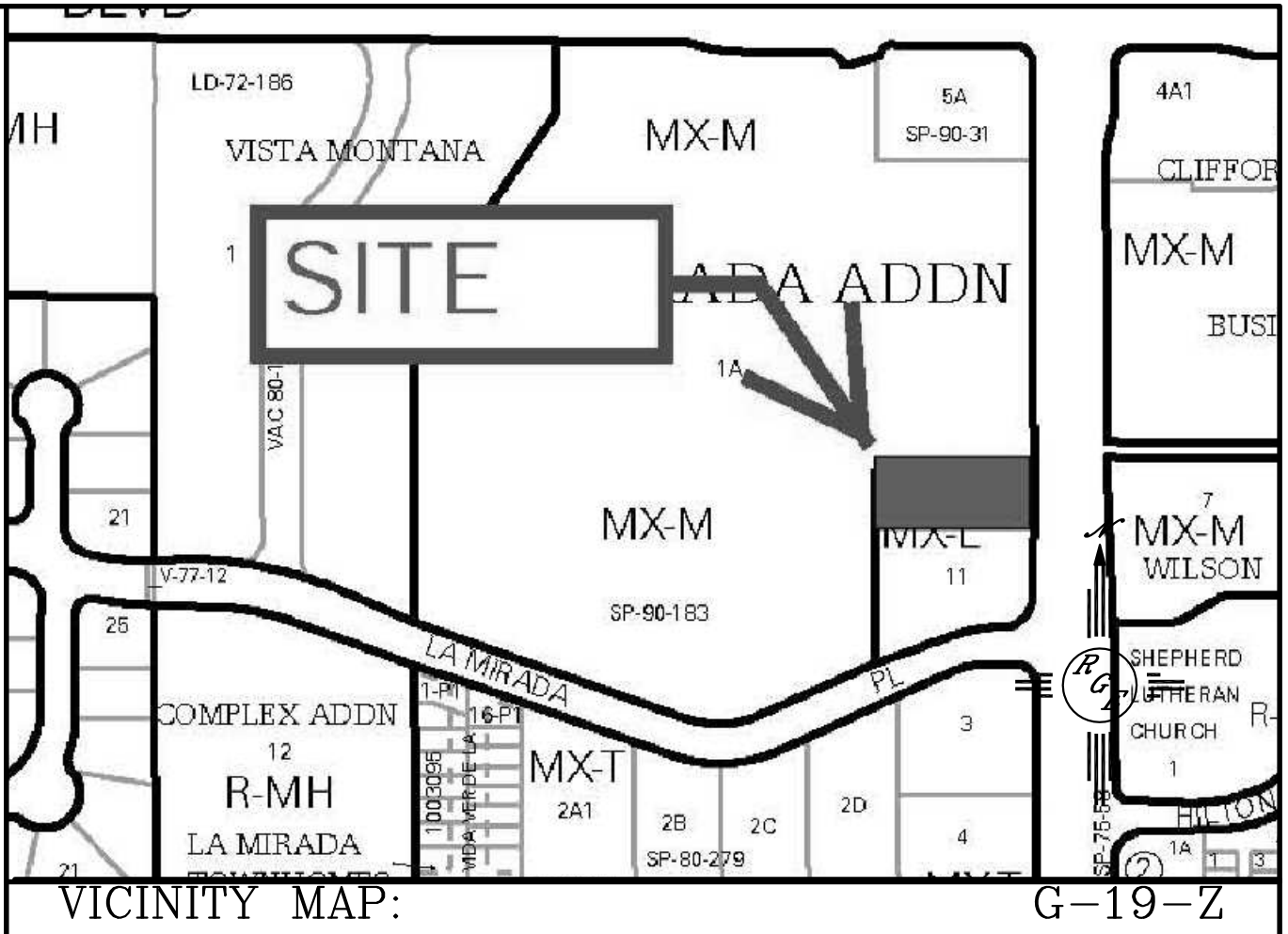
Narrative  
The subject property is located within the boundaries of the new Wymont development and La Mirada master drainage plan (G19D004). This parcel is located within basin E of the plan. T overall development assumed 85% D and 15% B land treatments or 2.55 cfs per acre. The proposed development conforms to the developed condition assumptions of the master plan and is allowed free discharge. There is a regional water quality pond that accounts for the flow from this site, water harvesting is not required but is proposed



APPROVAL OF GRADING & DRAINAGE PLAN(S) SHALL EXPIRE TWO (2) YEARS AFTER THE APPROVAL DATE BY THE CITY IF NO BUILDING PERMIT HAS BEEN PULLED 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 (CITY) ACCEPTANCE OF ANY PROJECT.



FIRM MAP:

LEGAL DESCRIPTION:  
TRACTS 3, WYOMONT SUBDIVISION  
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.

LEGEND

- 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 GRAVEL
- PROPOSED CONCRETE
- PROPOSED 2' WIDE COBBLE SWALE

ENGINEER'S SEAL	FREDDY'S 4315 WYOMING	DRAWN BY WCWJ
DAVID SOULE NEW MEXICO 14522 PROFESSIONAL ENGINEER	GRADING AND DRAINAGE PLAN	DATE 4-22-24
5/31/24	Rio Grande Engineering PO BOX 93924 ALBUQUERQUE, NM 87199 (505) 321-9099	202400022-LAYOUT-4-22-24
		SHEET # C1
		JOB # 202400022