

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

August 15, 2024

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

**RE: 1436 Bryn Mawr Drive NE  
Grading and Drainage Plan  
Engineer's Stamp Date: 8/5/24  
Hydrology File: J16D025**

Dear Mr. Soule:

Based upon the information provided in your submittal received 08/06/2024, 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 505-924-3995 or [amontoya@cabq.gov](mailto:amontoya@cabq.gov).

Sincerely,

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



# City of Albuquerque

Planning Department  
Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title: \_\_\_\_\_ Hydrology File # \_\_\_\_\_

Legal Description: \_\_\_\_\_

City Address, UPC, OR Parcel: \_\_\_\_\_

Applicant/Agent: \_\_\_\_\_ Contact: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Applicant/Owner: \_\_\_\_\_ Contact: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_

(Please note that a DFT SITE is one that needs Site Plan Approval & ADMIN SITE is one that does not need it.)

**TYPE OF DEVELOPMENT:** PLAT (#of lots) \_\_\_\_\_ RESIDENCE  
DFT SITE ADMIN SITE

RE-SUBMITTAL: YES NO

**DEPARTMENT:** TRANSPORTATION HYDROLOGY/DRAINAGE

**Check all that apply under Both the Type of Submittal and the Type of Approval Sought:**

### TYPE OF SUBMITTAL:

ENGINEER/ARCHITECT CERTIFICATION  
PAD CERTIFICATION  
CONCEPTUAL G&D PLAN  
GRADING & DRAINAGE PLAN  
DRAINAGE REPORT  
DRAINAGE MASTER PLAN  
CLOMR/LOMR  
TRAFFIC CIRCULATION LAYOUT (TCL)  
ADMINISTRATIVE  
TRAFFIC CIRCULATION LAYOUT FOR DFT  
APPROVAL  
TRAFFIC IMPACT STUDY (TIS)  
STREET LIGHT LAYOUT  
OTHER (SPECIFY) \_\_\_\_\_

### TYPE OF APPROVAL SOUGHT:

BUILDING PERMIT APPROVAL  
CERTIFICATE OF OCCUPANCY  
CONCEPTUAL TCL DFT APPROVAL  
PRELIMINARY PLAT APPROVAL  
FINAL PLAT APPROVAL  
SITE PLAN FOR BLDG PERMIT DFT  
APPROVAL  
SIA/RELEASE OF FINANCIAL GUARANTEE  
FOUNDATION PERMIT APPROVAL  
GRADING PERMIT APPROVAL  
SO-19 APPROVAL  
PAVING PERMIT APPROVAL  
GRADING PAD CERTIFICATION  
WORK ORDER APPROVAL  
CLOMR/LOMR  
OTHER (SPECIFY) \_\_\_\_\_

DATE SUBMITTED: \_\_\_\_\_



Weighted E Method

Basin	Area (sf)	Area (acres)	Treatment A				Treatment B				Treatment C				Treatment D				100-Year, 6-hr.		100 yr 24-HOUR	
			%	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)
existing	11005.00	0.253	0%	0	34%	0.086	34%	0.086	32%	0.081	1.368	0.029	0.82	0.034								
PROPOSED	11005.00	0.253	0%	0	26%	0.066	31%	0.078	43%	0.109	1.529	0.032	0.87	0.039								

Equations:

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

Volume = Weighted D \* Total Area

First flush requirement

134 cubic feet

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

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

Ea= 0.62  
Eb= 0.8  
Ec= 1.03  
Ed= 2.33

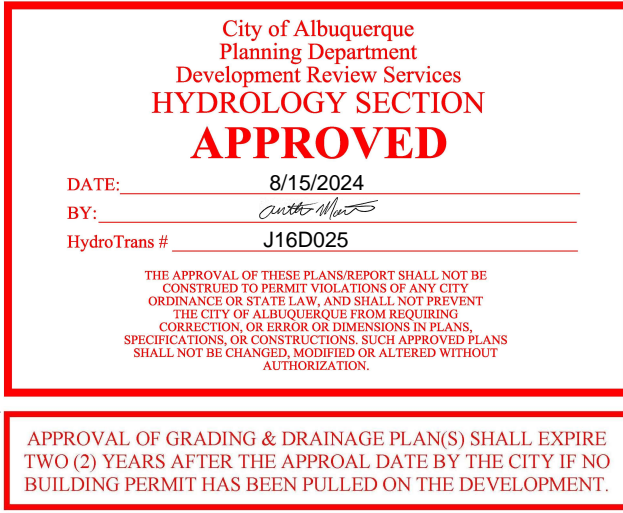
Qa= 1.71  
Qb= 2.36  
Qc= 3.05  
Qd= 4.34

Developed Conditions

TOTAL VOLUME

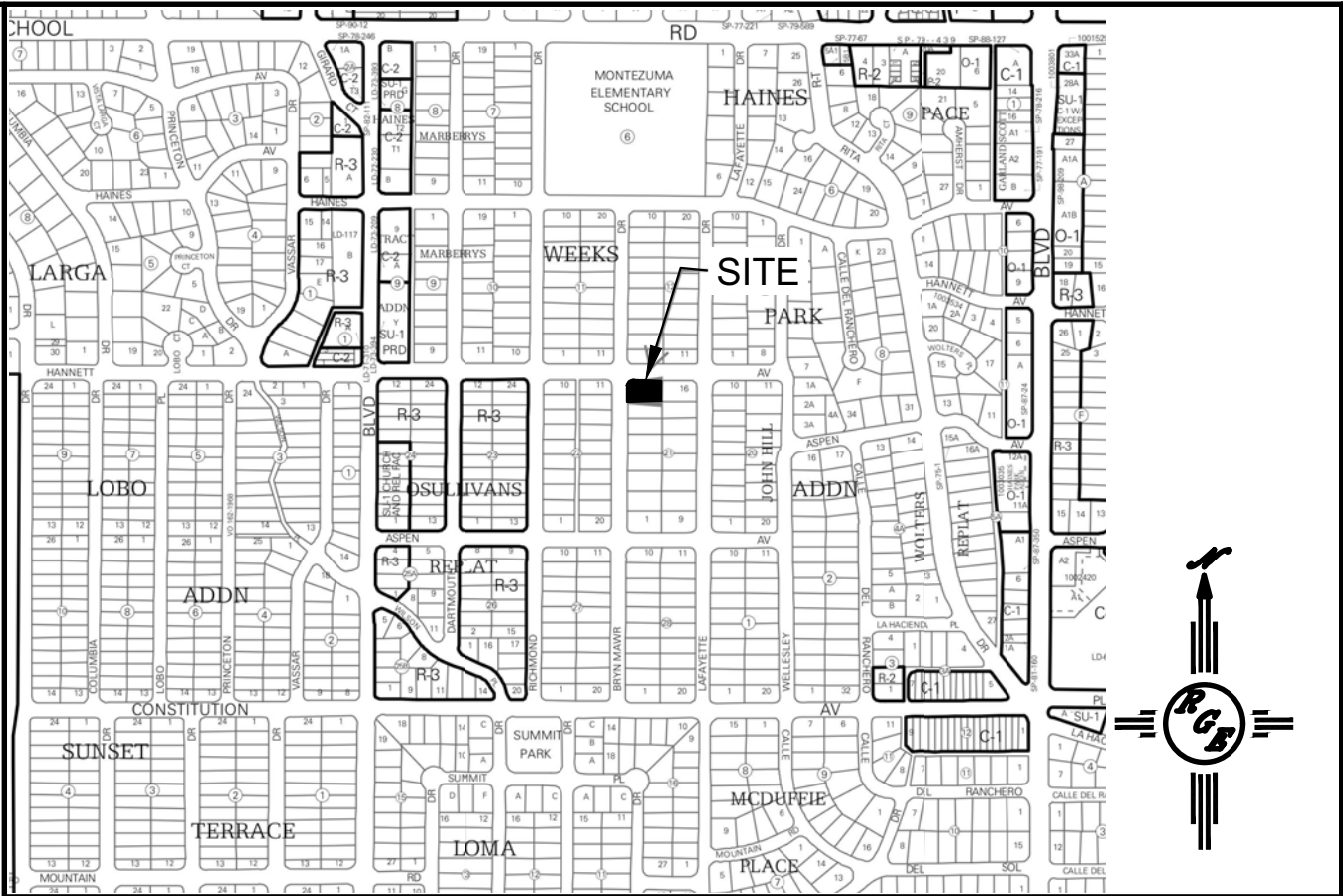
HISTORICAL DISCHARGE 1489 CF  
PROPOSED GENERATION 1718 CF  
VOLUME INCREASE 229 CF  
PROPOSED PONDING 364 CF

This site is a redevelopment of a previously developed lot. The existing house was added onto. Initially a grading plan was not required, due to delay in construction the permit expired and a grading plan became required. The existing house is the new footprint as it was when surveyed. There is no master drainage plan for this are all lots currently free discharge. The drainage solution is to retain the increase in flow generated by the redevelopment based upon the 24-hour volumes. The ponds will overflow to the adjacent streets in accordance with existing patterns. The first flush volume is retained on site.

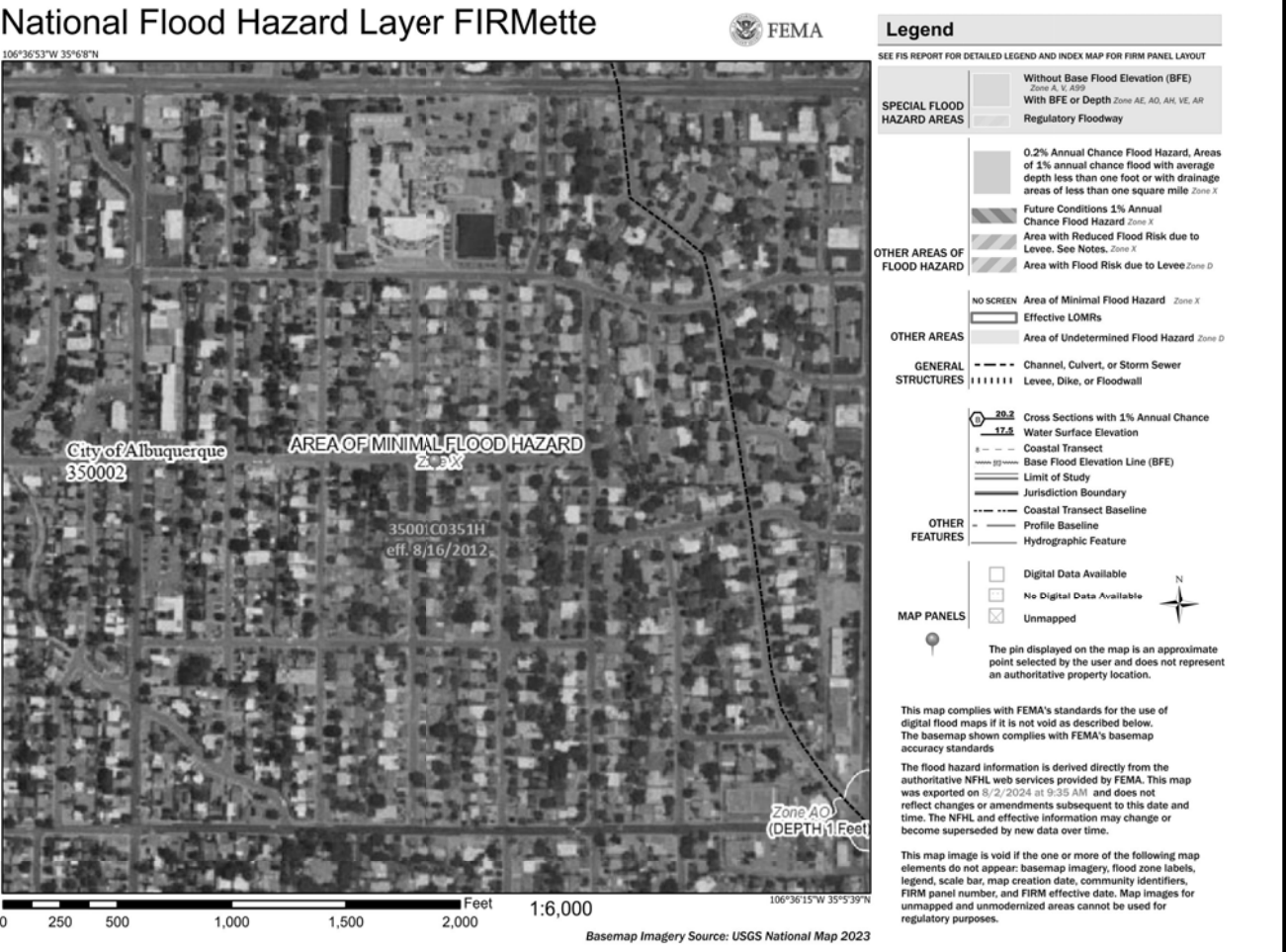


EROSION CONTROL NOTES:

- 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: J-16-Z



FIRM MAP:

LEGAL DESCRIPTION:

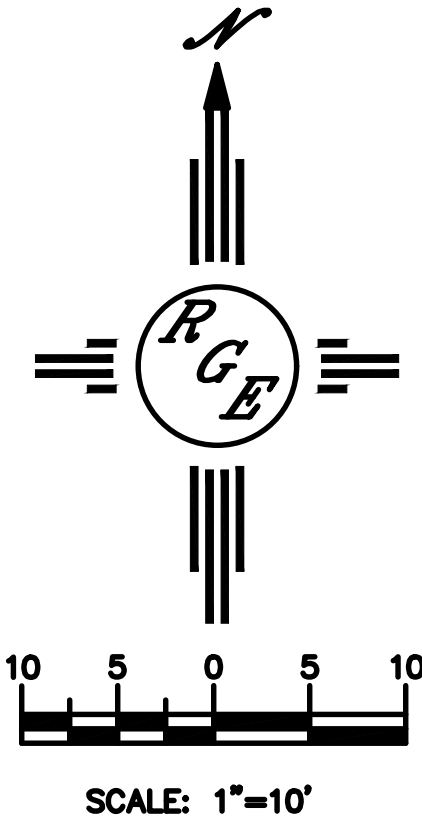
LOT 8 BLOCK 21 HAINES TRACT ADDITION  
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

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 DYNAMIC CONSTRUCTION AND TECHNOLOGY LLC USING NAVD DATUM 1988.
- LONG TERM MAINTENANCE OF ALL PONDS, SWALES AND OVERFLOWS IS REQUIRED
- 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 PONDING



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.

