

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

February 27, 2025

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

**RE: 1938 Meadowview Ct. NW  
Grading and Drainage Plan  
Engineer's Stamp Date: 2/19/25  
Hydrology File: H13D125  
Case # HYDR-2025-00045**

Dear Mr. Soule:

Based upon the information provided in your submittal received 02/19/2025, 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), 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 A				Treatment B				100-Year, 6-hr.
			%	(acres)	%	(acres)	%	(acres)	%	(acres)	Weighted E
HISTORICAL	54950.00	1.261	100%	1.2615	0%	0.000	0%	0.000	0%	0.000	0.620
FRONT	54950.00	1.261	40%	0.5046	30%	0.378	17%	0.214	13%	0.164	0.085
											0.106
											0.119

**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(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 GENERATED

PONDING PROVIDED

EXISTING DISCHARGE

3.12 CFS

24 HOUR 4602 CF

10-DAY 5197 CF

8920 CF

This site is an redevelopment of a currently developed lot. The scope of work is to add an assessor building to the site. There is no master drainage plan for this area. All lots currently free discharge and pond partial flows. The site will be designed to retain the 100 year 10-day volume. In the event of longer duration event, the pond will overflow to the adjacent park

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

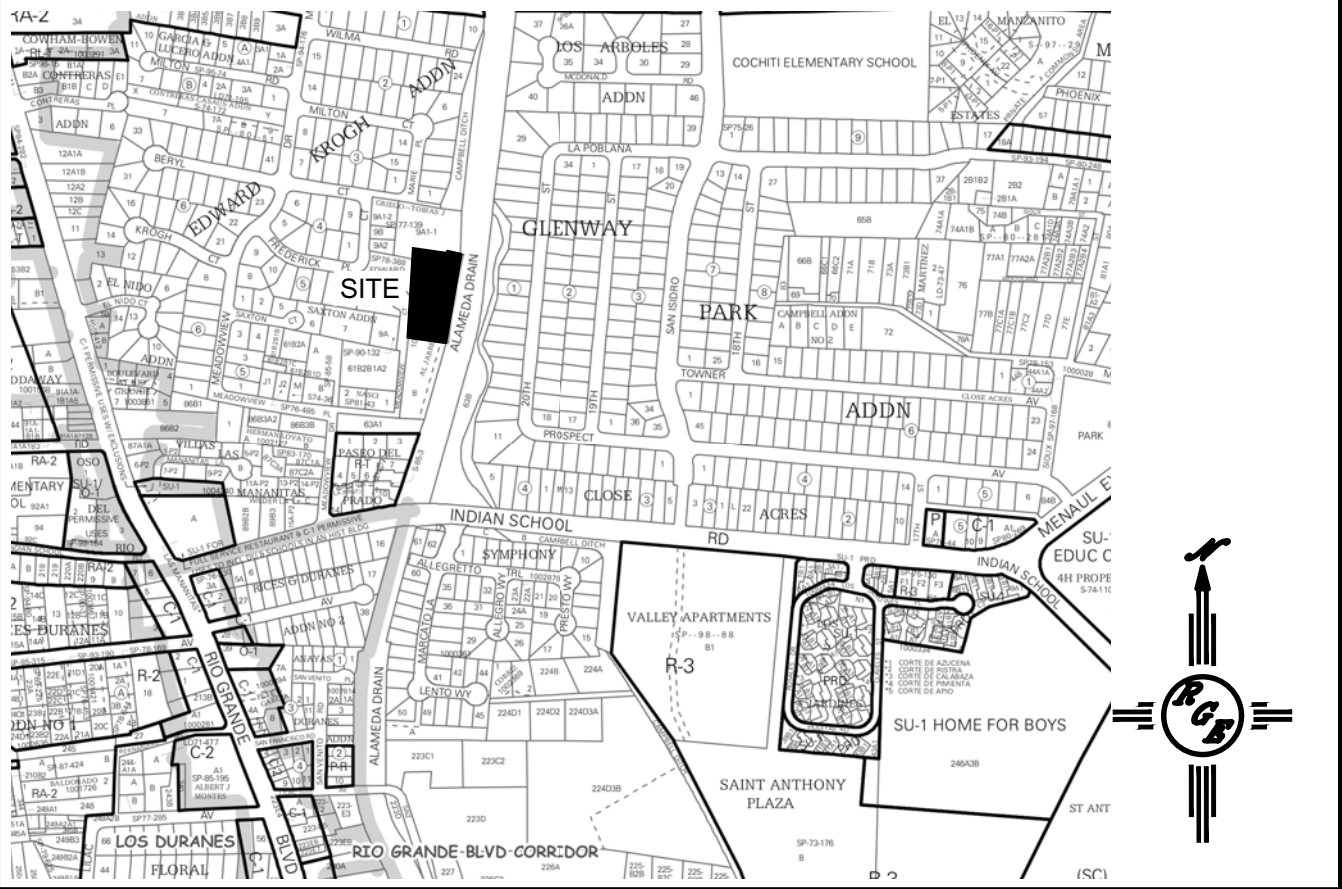
DATE: 2/27/2025  
BY: [Signature]  
HydroTime 9 H13D125

THE APPROVAL OF THESE PLANS AND ANY OTHER INFORMATION CONTAINED HEREIN IS LIMITED TO THE INFORMATION PROVIDED HEREON. THE CITY OF ALBUQUERQUE DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED HEREON. THE CITY OF ALBUQUERQUE DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED HEREON. THE CITY OF ALBUQUERQUE DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED HEREON.

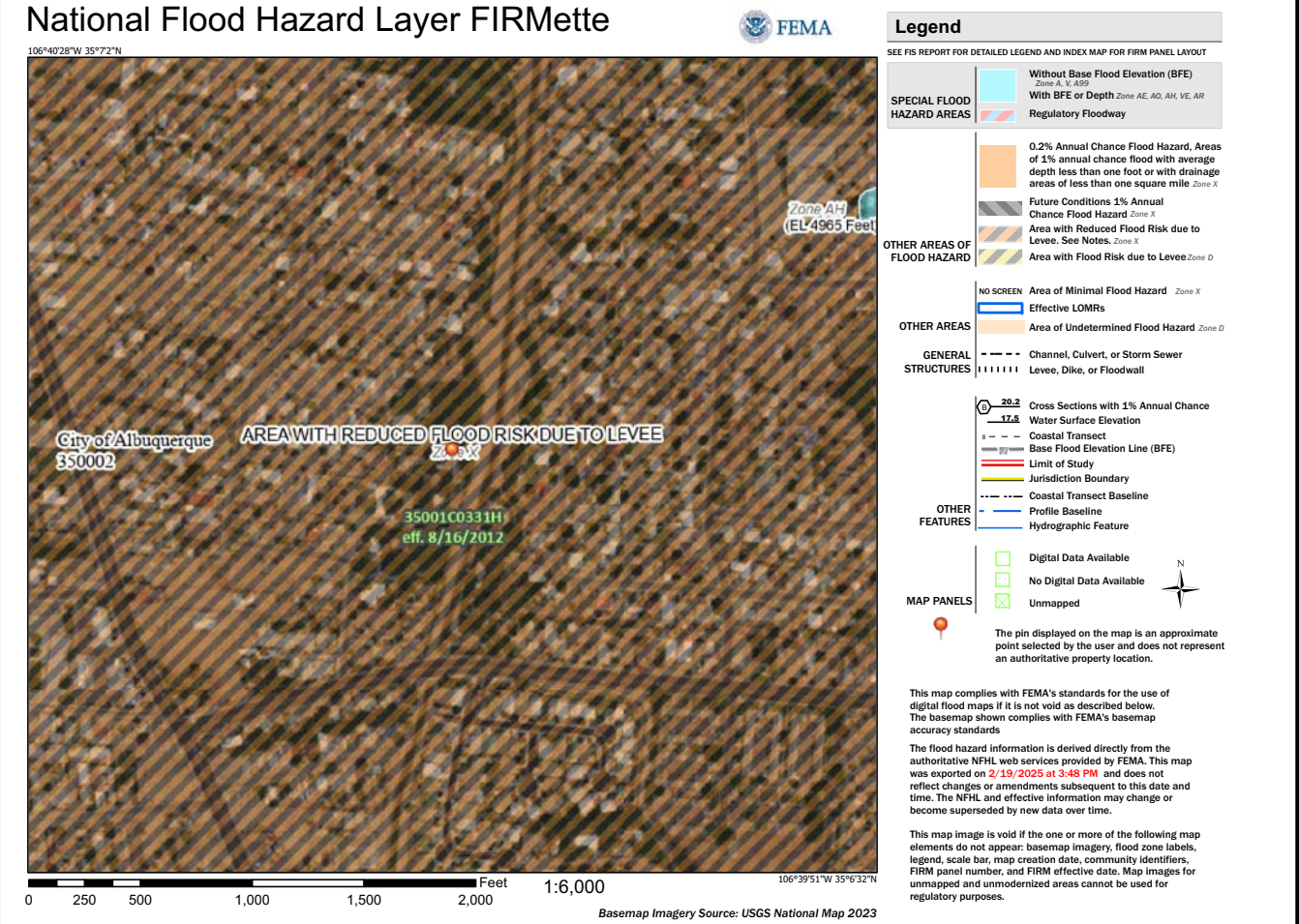
APPROVAL OF GRADING & DRAINAGE PLANS SHALL EXPIRE TWO (2) YEARS AFTER THE APPROVAL DATE BY THE CITY IF NO BUILDING PERMIT HAS BEEN FILED ON THE DEVELOPMENT

**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: H-13-Z**



**FIRM MAP:**

**LEGAL DESCRIPTION:**

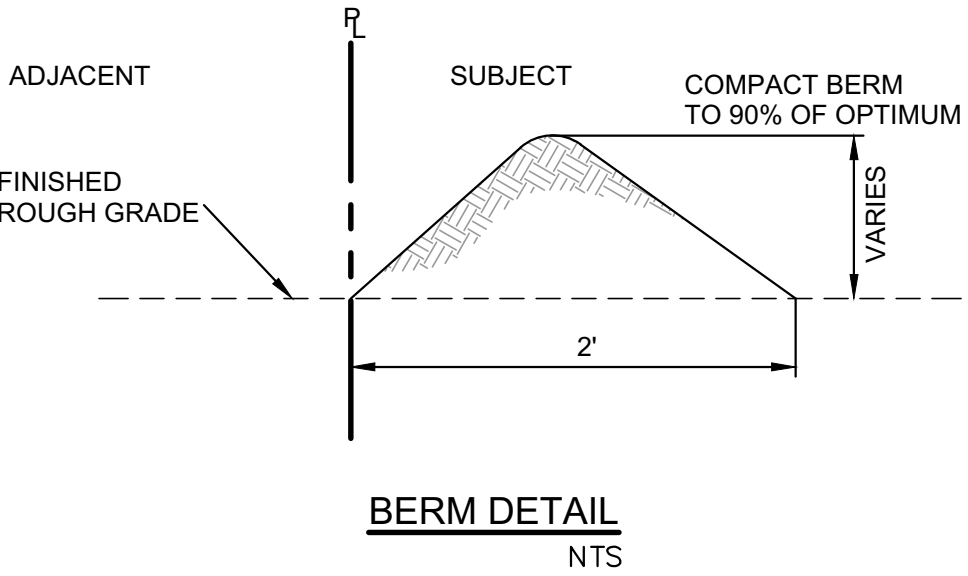
TRACT A-1 LANDS OF AL JARRETT  
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

**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 1983.
- LONG TERM MAINTENANCE OF ALL PONDS, SWALES AND OVERFLOWS IS REQUIRED
- A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING PERMIT.

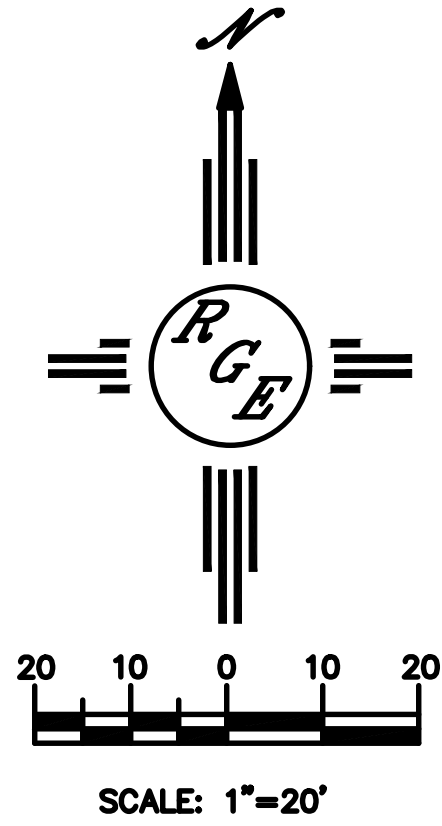
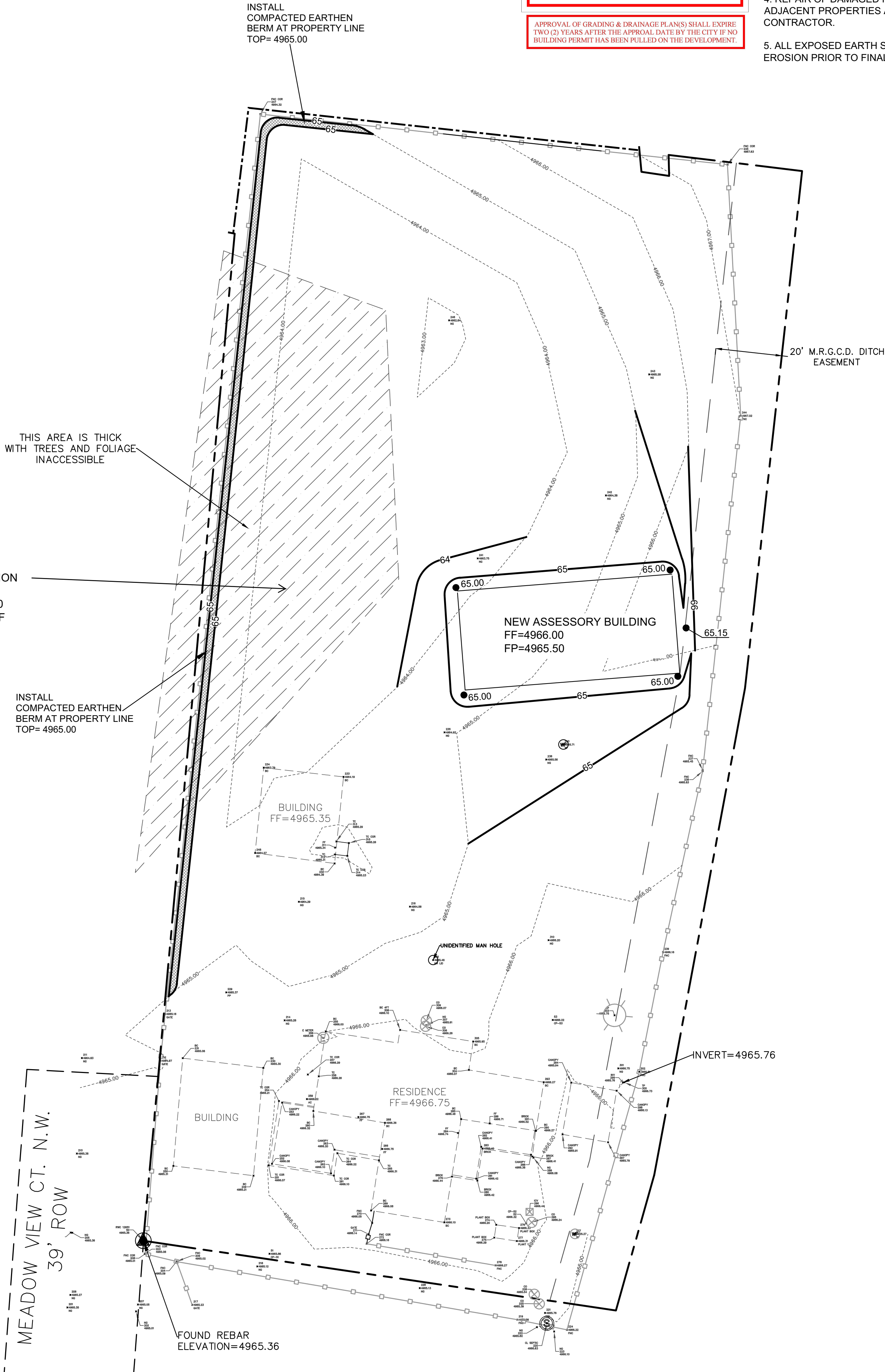
**LEGEND**

- 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



**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.



ENGINEER'S SEAL	TRACT A-1 LANDS OF AL JARRETT 1938 MEADOW VIEW CT NW	DRAWN BY DEM
DAVID SOULE REGISTERED PROFESSIONAL ENGINEER 14522	GRADING AND DRAINAGE PLAN	DATE 2-18-25
2/19/25	 Rio Grande Engineering P.O. BOX 53924 ALBUQUERQUE, NM 87199 (505) 321-9099	SHEET # C1
DAVID SOULE P.E. #14522		JOB #