

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

September 04, 2024

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

**RE: 10409 Prestwick NE**  
**Grading and Drainage Plan**  
**Engineer's Stamp Date: 8/16/24**  
**Hydrology File: E21D021A**

Dear Mr. Soule:

Based upon the information provided in your submittal received 08/16/2024, 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.

PO Box 1293

**PRIOR TO CERTIFICATE OF OCCUPANCY:**

Albuquerque

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

NM 87103

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.

[www.cabq.gov](http://www.cabq.gov)

If you have any questions, please contact me at 505-924-3362 or [richardmartinez@cabq.gov](mailto:richardmartinez@cabq.gov).

Sincerely,

Richard Martinez, P.E.  
Senior Engineer, Hydrology  
Planning Department, Development Review Services



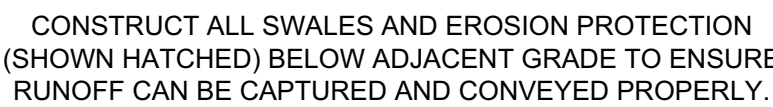


Basin	Area (sq-ft)	Area (acres)	100-yr 6-hr.				100 yr 10-day							
			Treatment A (% acres)	Treatment B (% acres)	Treatment C (% acres)	Treatment D (% acres)	Weighted (ac-ft)	Volume (ac-ft)	Flow cfs					
EXISTING	892.00	0.204	100%	0.2041	0%	0.000	0%	0.000	0.670	0.11	0.38	0.111		
PROPOSED	892.00	0.204	0%	0	20%	0.041	26%	0.053	54%	0.110	1.849	0.031	0.76	0.035

Ea= 0.81	Qa= 1.04
Eb= 0.86	Qb= 2.49
Ec= 1.09	Qc= 3.17
Ed= 2.58	Qd= 4.49

INCREASE 0.39 CF

Drainage patterns will remain as historical and drain to the surrounding roadways. No upland flows impact this site.



## EARTHEN SWALE

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.

# AGRS 8 E21 1985

### NAD83 NMSP Central Zone

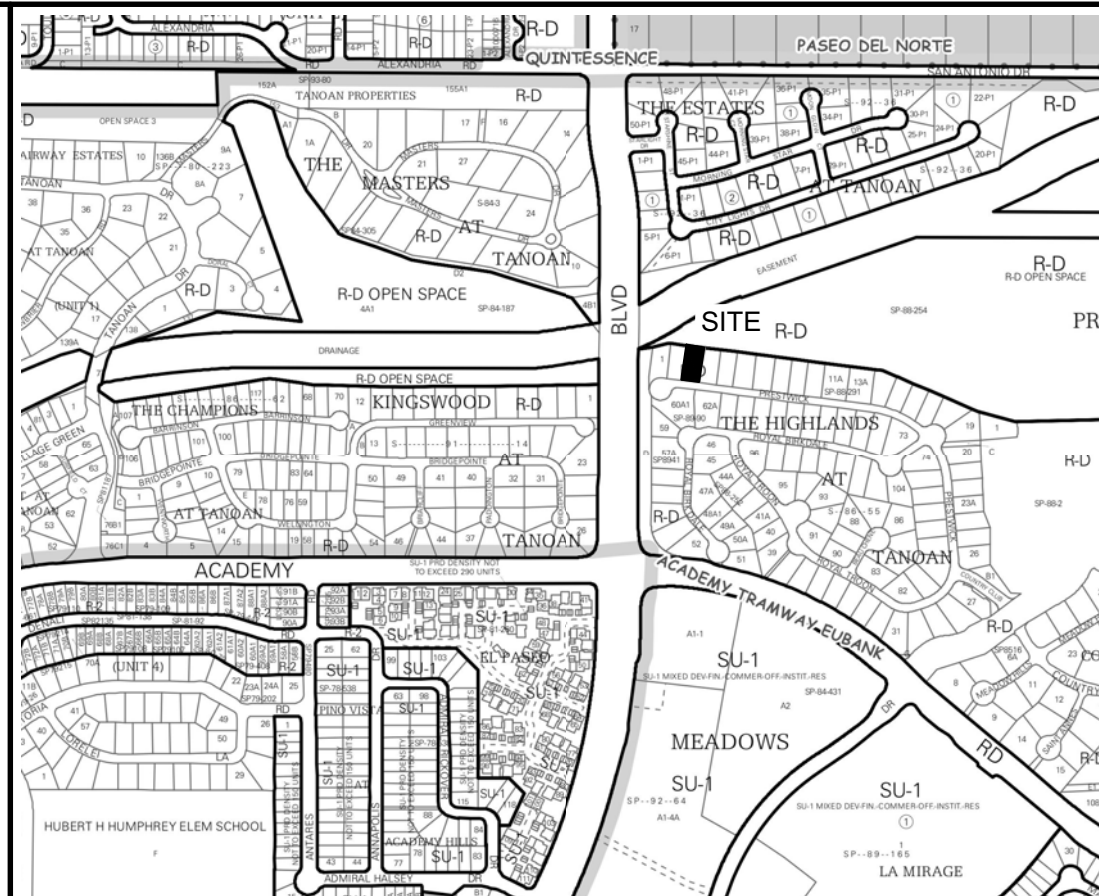
NI-1511600 1Q 11C64

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

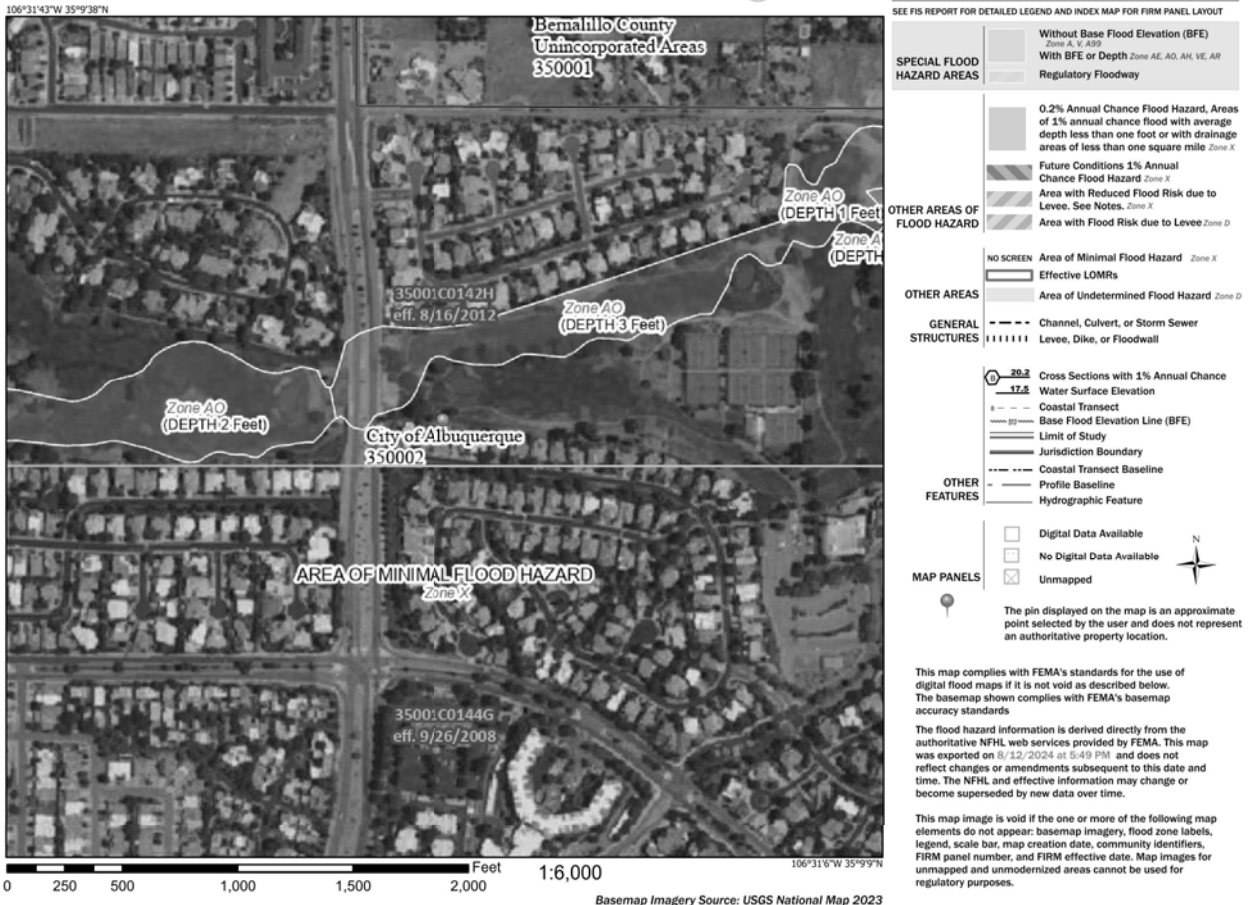
HydroTrans # E21D021A

THE APPROVAL OF THESE PLANS/REPORT SHALL NOT BE  
CONSTRUED TO PERMIT VIOLATIONS OF ANY CITY  
ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT  
THE CITY OF ALBUQUERQUE FROM REQUIRING  
CORRECTION, OR ERROR OR DIMENSIONS IN PLANS,  
SPECIFICATIONS, OR CONSTRUCTIONS. SUCH APPROVED PLANS  
SHALL NOT BE CHANGED, MODIFIED OR ALTERED WITHOUT  
AUTHORIZATION.

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



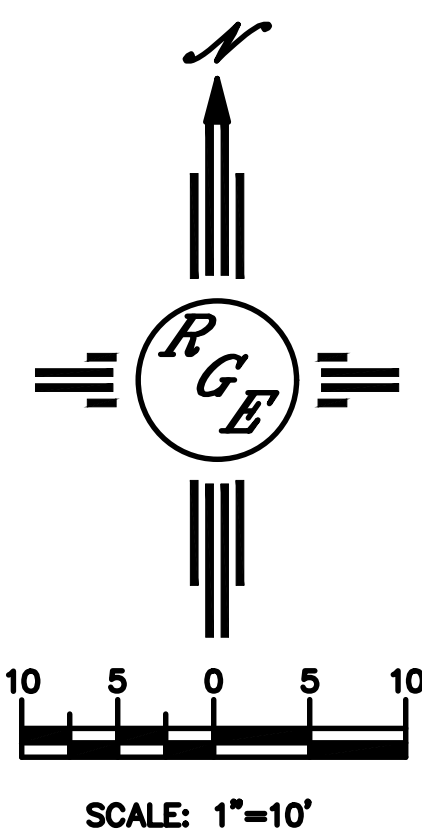
## National Flood Hazard Layer FIRMette





LOT 3 HIGHLANDS AT TANOAN  
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

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. 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.

	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



ENGINEER'S SEAL	<b>LOT 3 HIGHLANDS AT TANOAN</b> <b>10409 PRESTWICK</b>	DRAWN BY <b>DEM</b>
		DATE 8-16-24
	<b>GRADING AND DRAINAGE PLAN</b>	10409 Prestwick NE .DWG
8/16/24		SHEET # <b>C1</b>
DAVID SOULE P.E. #14522	PO BOX 83624 ALBUQUERQUE, NM 87199 (505) 321-9099	JOB # <hr/>