

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

July 24, 2024

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

**RE: 9000 El Ojito Court NW
Grading and Drainage Plan
Engineer's Stamp Date: 07/15/24
Hydrology File: C12D003B3C**

Dear Mr. Soule:

Based upon the information provided in your submittal received 07/15/2024, the Grading and Drainage Plan is approved for Building Permit and Grading Permit. **Since this site is relatively flat and grades slightly to the rear, 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:

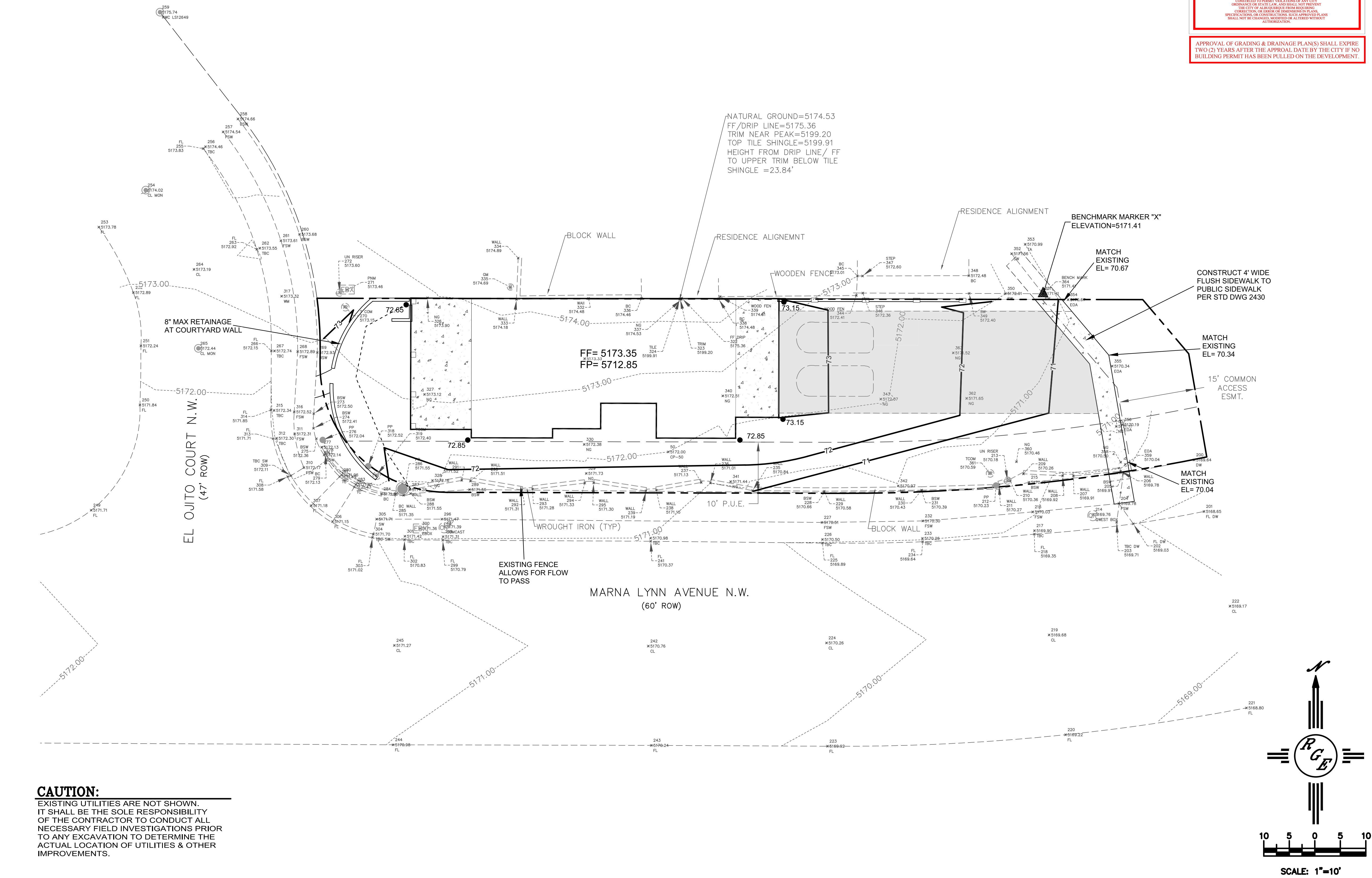
1. Engineer's Certification, per the DPM Part 6-14 (F): Engineer's Certification Checklist For Non-Subdivision is required.

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

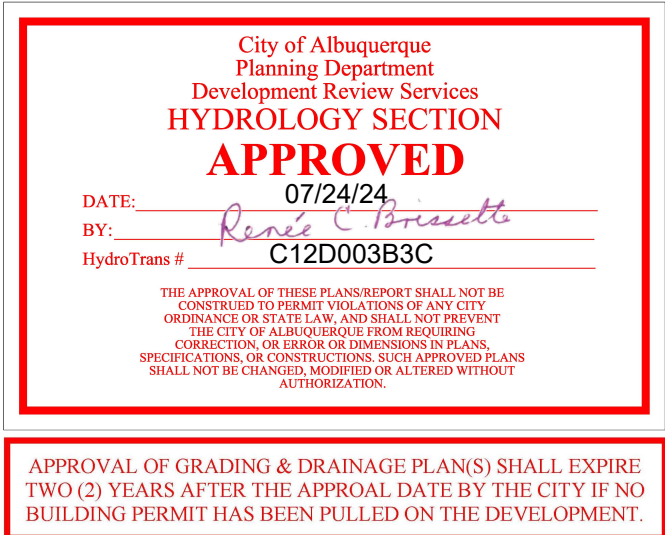
Weighted E Method													
Basin	Area (sf)	Area (acres)	Treatment A % (acres)	Treatment B % (acres)	Treatment C % (acres)	Treatment D % (acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)	Flow cfs	Weighted E (ac-ft)	Volume (ac-ft)
EXISTING	6150.00	0.141	0%	0	40%	0.056	50%	0.071	10%	0.014	0.991	0.012	0.38
PROPOSED	6150.00	0.141	0%	0	10%	0.014	30%	0.042	60%	0.085	1.702	0.020	0.50
Equations:													
Weighted E = Ea*As + Eb*Ab + Ec*Ac + Ed*Ad / (Total Area)													
Volume = Weighted D * Total Area													
Flow = Qa * As + Qb * Ab + Qc * Ac + Qd * Ad													
Where for 100-year, 6-hour storm(zone1)													
			Qa= 1.54										
			Ea= 0.55										
			Eb= 0.73										
			Ec= 0.95										
			Ed= 2.24										
Developed Conditions													
Peak rate													
HISTORICAL DISCHARGE													
0.37 cfs													
DEVELOPED DISCHARGE													
0.76 cfs													
This site is an development of an existing lot in fully developed area. The site was developed utilizing free discharge (C12D003B3)													



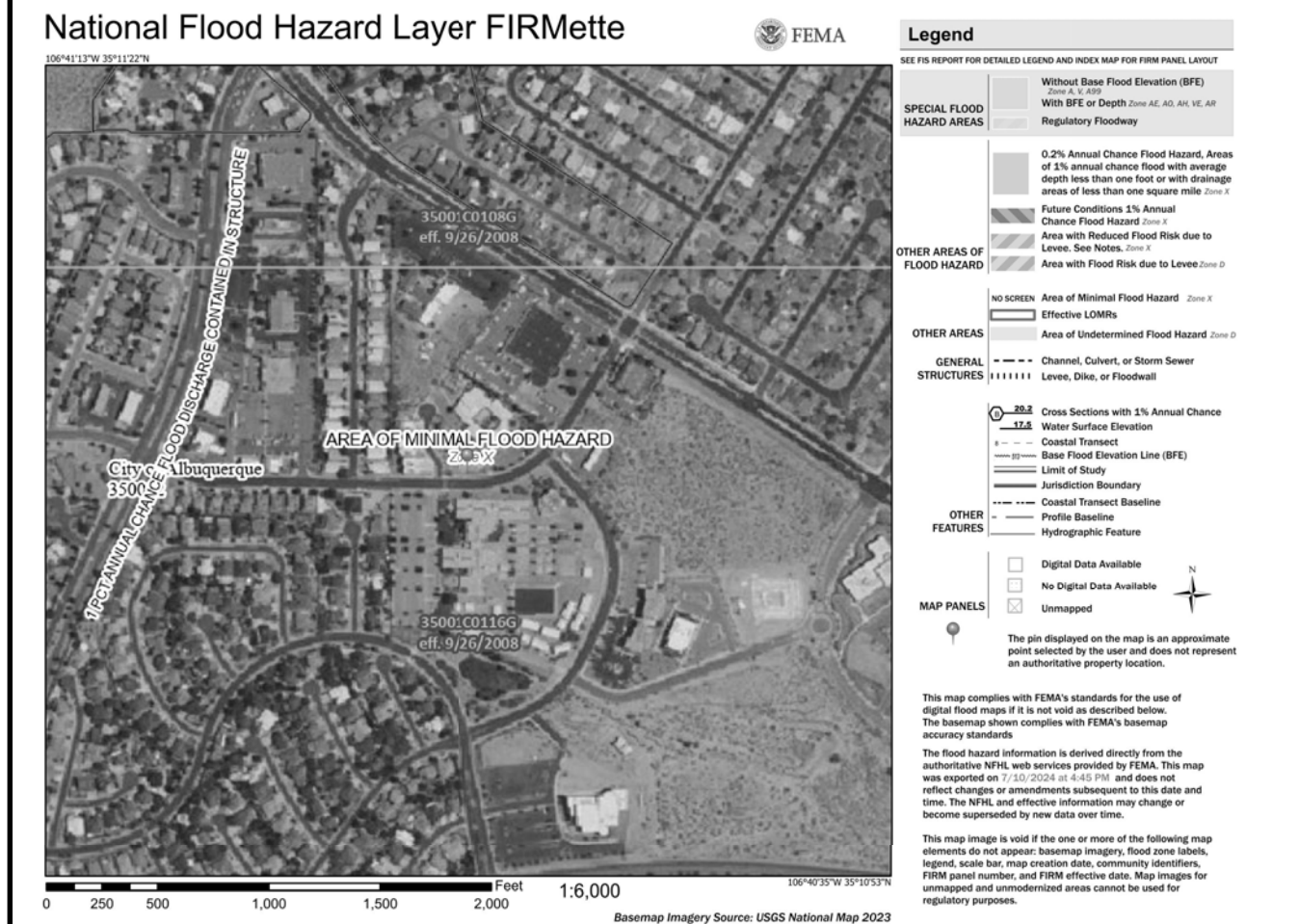
CAUTION:
EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

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:



FIRM MAP:

LEGAL DESCRIPTION:


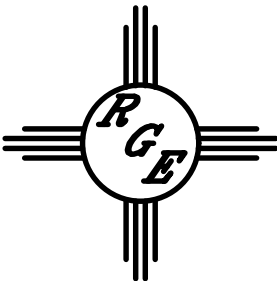
LOT 13 LAS MIRADAS TOWNHOUSES
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

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 COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.
- LONG TERM MAINTAINANCE 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 RETAINING WALL
-----	PROPOSED GRAVEL
-----	PROPOSED CONCRETE
-----	PROPOSED 2' WIDE COBBLE SWALE

ENGINEER'S SEAL	LOT 13 LAS MIRADAS TOWNHOUSES 9000 EL OJITO CT. NW	DRAWN BY DEM
 7/15/24	GRADING AND DRAINAGE PLAN	DATE 7-11-24
	 <i>Rio Grande Engineering</i> PO BOX 83624 ALBUQUERQUE, NM 87199 (505) 321-8099	9000 El Ojito .DWG
		SHEET # C1
DAVID SOULE P.E. #14522		JOB # _____