

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

March 6, 2026

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

**RE: 5179 Golondrina NW
Grading and Drainage Plan
Engineer's Stamp Date: 05/25/2026
Hydrology File: F11D005A
Case # HYDR-2026-00062**

Dear Mr. Soule:

Based upon the information provided in your submittal received 02/26/2026, the Grading and Drainage Plan **is not approved** for Grading Permit and Building Permit. The following comments need to be addressed for approval of the above referenced project.

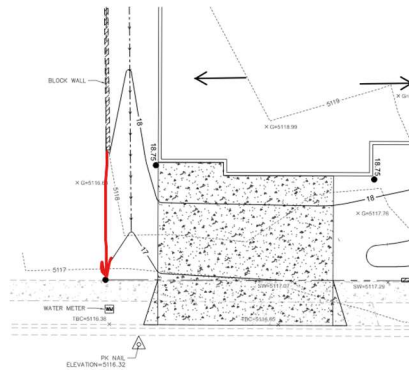
PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

1. Please extend the wall all the way to the south property line or provide a barrier to contain the stormwater to the property for conveyance to the right-of-way.



GOLONDRINA NW

2. Include project benchmark and datum.
3. Remove note #5. A pad certification is not required for this site.
4. Add the floodplain note with effective date.

If you have any questions, please contact me at 505-924-3995 or baileythompson@cabq.gov.

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Sincerely,

A handwritten signature in black ink, appearing to read 'Bailey Thompson', followed by a long horizontal flourish.

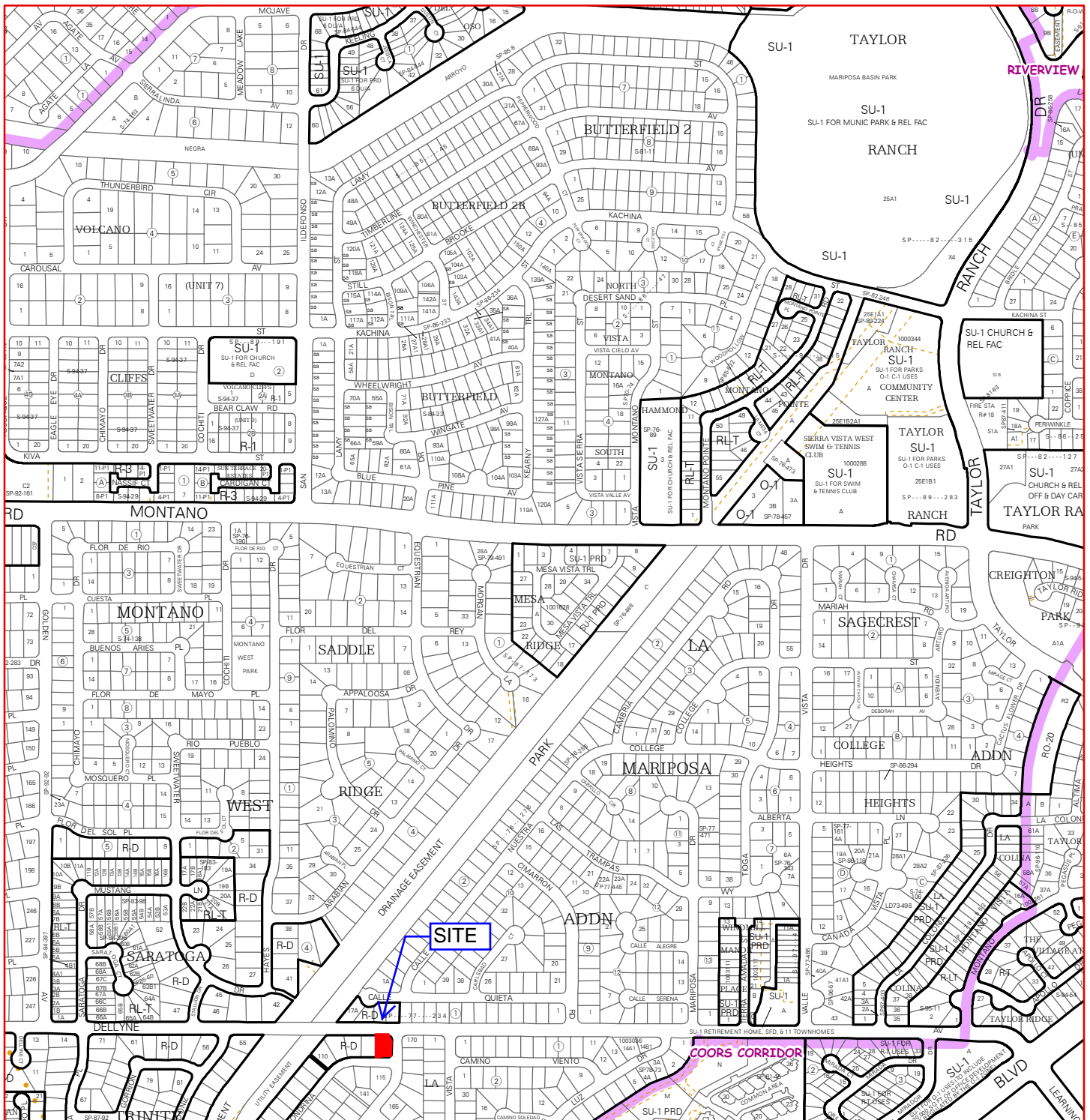
Bailey Thompson, E.I.T.
Engineer Associate, Hydrology
Planning Department, Development Review Services

PO Box 1293

Albuquerque

NM 87103

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For more current information and more details visit: <http://www.cabq.gov/gis>

Map amended through: 2/4/2010

Note: Grey Shading Represents Area Outside of the City Limits

Zone Atlas Page:
E-11-Z

Selected Symbols

SECTOR PLANS	Escarpment
Design Overlay Zones	2 Mile Airport Zone
City Historic Zones	Airport Noise Contours
H-1 Buffer Zone	Wall Overlay Zone
Petroglyph Mon.	

0 750 1,500 Feet

Weighted E Method

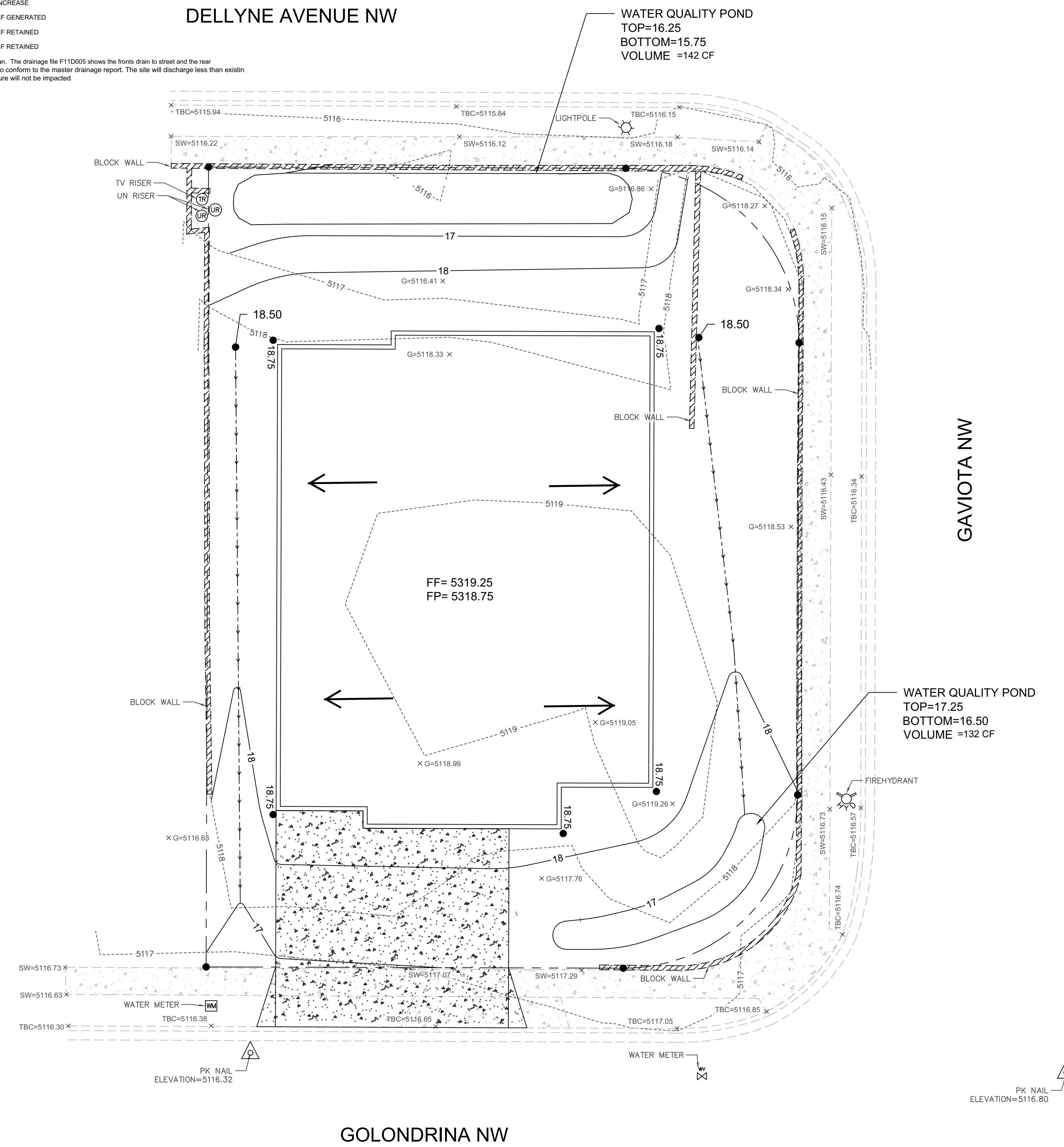
Basin	Area (sq ft)	Area (acres)	Treatment A (%)	Treatment B (%)	Treatment C (%)	Treatment D (%)	Weighted E (ac-ft)	Volume (ac-ft)	Flow (cfs)	Volume (ac-ft)			
EXISTING	9490.00	0.273	0%	25%	0.054	33%	0.032	42%	0.092	1.437	0.028	0.70	0.043
FRONT BASIN	7611.00	0.221	0%	19%	0.033	25%	0.044	56%	0.098	1.631	0.024	0.60	0.042
REAR BASIN	1879.00	0.043	0%	40%	0.017	62%	0.026	0%	0.000	0.862	0.003	0.11	0.003

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 (zone 1):
 Ea= 0.55 Qa= 1.54
 Eb= 0.73 Qb= 2.16
 Ec= 0.95 Qc= 2.87
 Ed= 2.24 Qd= 4.12

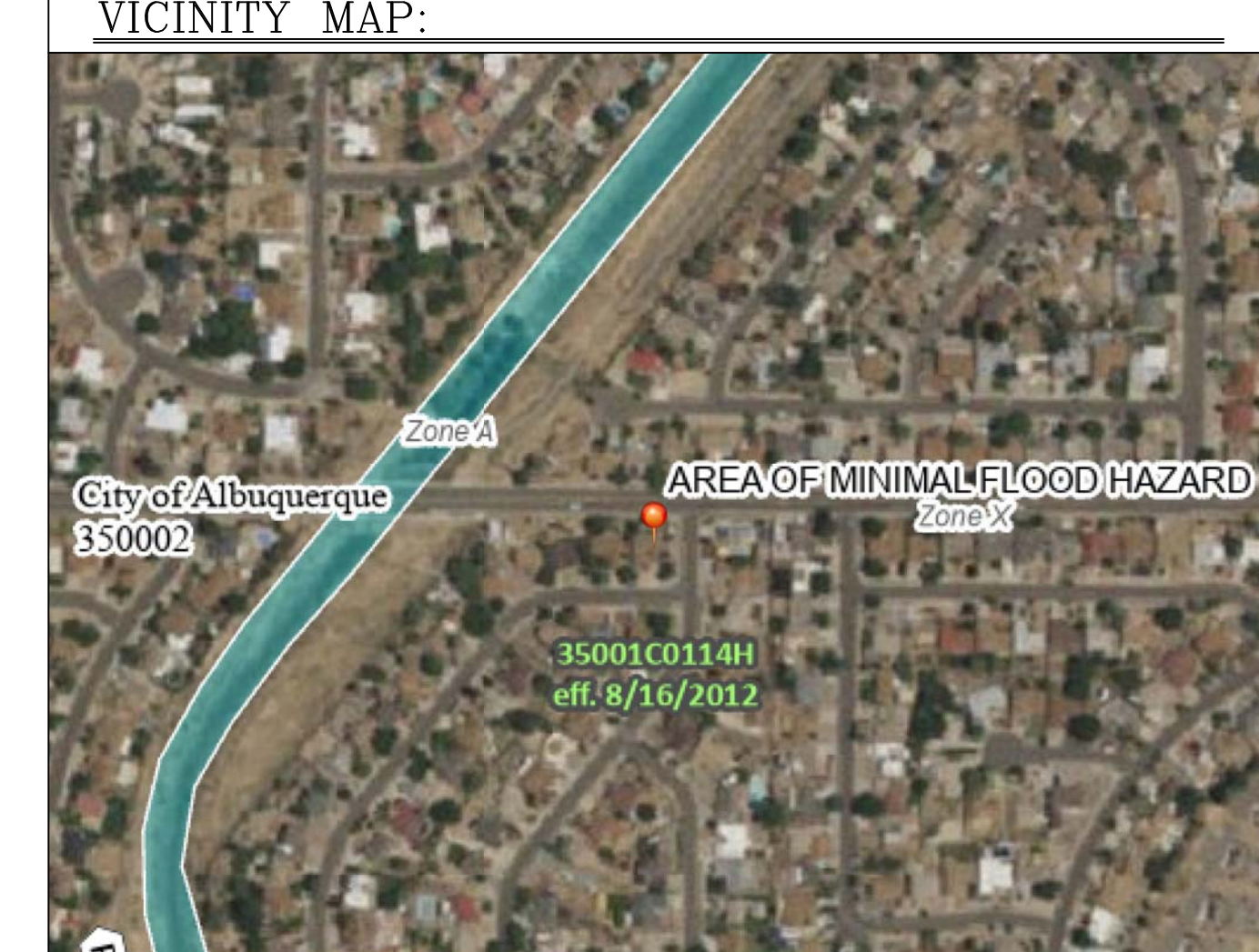
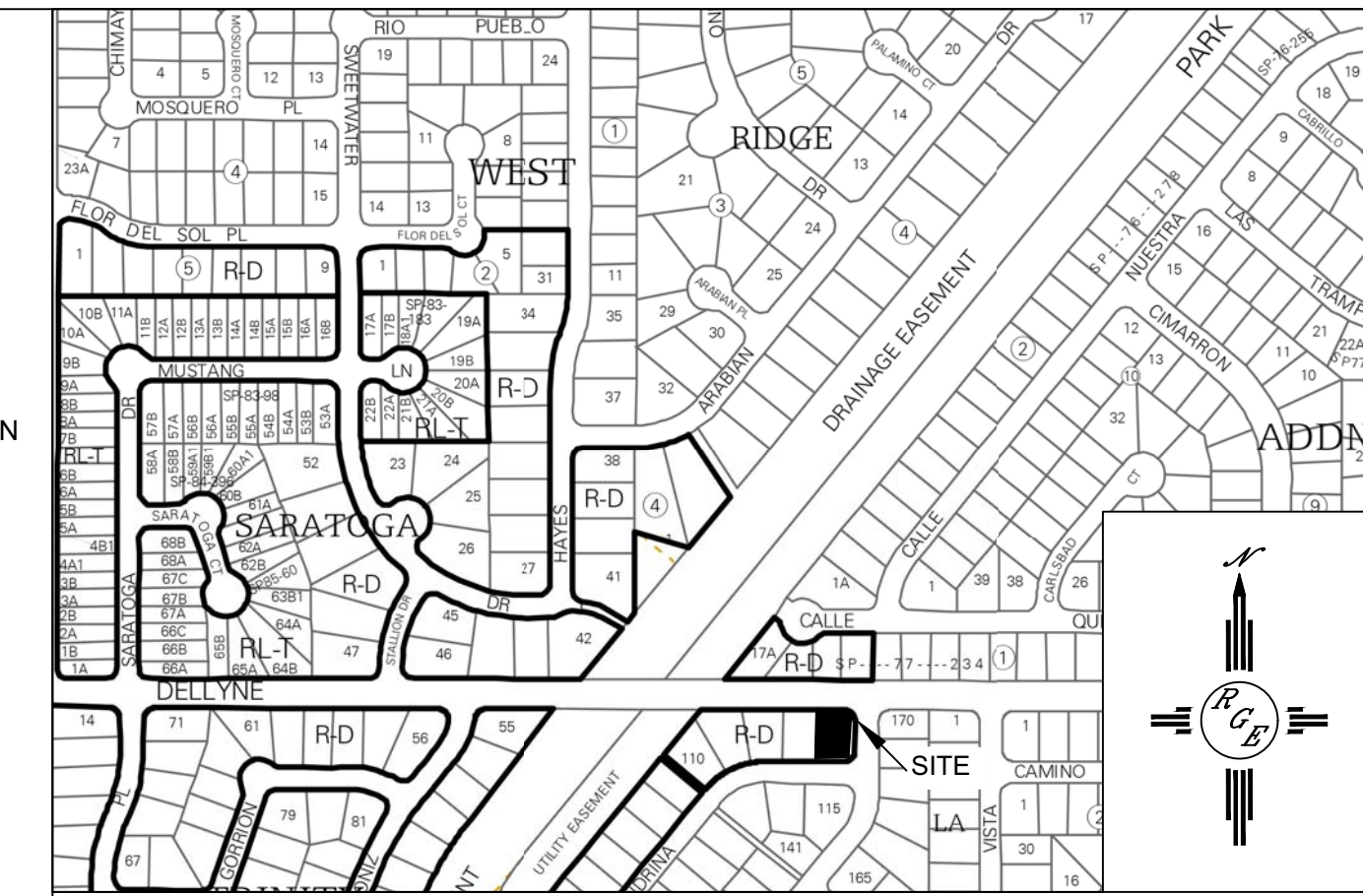
Developed Conditions	Peak rate	VOLUME
EXISTING DISCHARGE	0.70 cfs	
DEVELOPED DISCHARGE (FRONT)	0.60 cfs	0.000 INCREASE
DEVELOP DISCHARGE (REAR)	0 cfs	135 CF GENERATED
PROPOSED PONDING FRONT*	0	132 CF RETAINED
PROPOSED PONDING REAR		142 CF RETAINED

This site is an existing lot within a fully developed subdivision. The site was part of the Taylor Ranch Masterplan. The drainage file F110005 shows the front drain to street and the rear yard ponds. The proposed development will drain the house to roadway and retain the rear yard flow to conform to the master drainage report. The site will discharge less than exist and retain the remaining onsite. The lot will overflow to historical location. The down stream infrastructure will not be impacted.



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 ACCEPTANCE OF ANY PROJECT.



LEGAL DESCRIPTION:

114 AMENDED TRINITY RANCH ADDITION
 CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

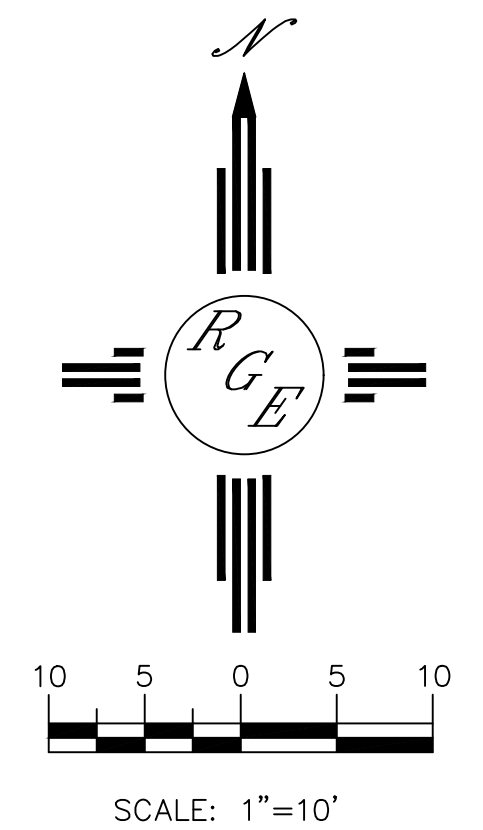
NOTES:

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 LORENZO E DOMINGUEZ, R.P.L.S. #10461 DYNAMIC CONSTRUCTION AND TECHNOLOGY LLC, STATE PLANE COORDINATES CENTRAL NAD83, GRID. DERIVED USING TRIMBLE VRS NETWORK.
5. 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 COMPACTED EARTHEN BERM

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	114 AMENDED TRINITY RANCH ADDITION 5179 GOLONDRINA NW GRADING AND DRAINAGE PLAN	DRAWN BY MM
DAVID SOULE P.E. #14522	Rio Grande Engineering ALBUQUERQUE, NM 87199 (505) 321-8099	DATE 2-24-2026
		SHEET # C1
		JOB #