

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

January 4, 2019

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

RE: **Jomar/Martinez Residence**
2123 Candelaria NW – Lot 2
Request for Pad Certification – Accepted
Grading Plan Stamp Date: 8/23/18
Certification Dated: 1/4/19
Drainage File: G13D035

Dear Mr. Soule:

PO Box 1293

Based on the submittal received on 1/4/18, the Engineer's Certification is approved for Building Permit for Lot 2.

Albuquerque

Prior to Certificate of Occupancy (For Information):

NM 87103

1. Engineer's Certification, per the DPM Chapter 22.7: *Engineer's Certification Checklist For Non-Subdivision* is required to ensure the site, ponds, and the grades along the property lines were not disturbed during home construction.
2. The site must be surveyed and pond volumes certified.

www.cabq.gov

If you have any questions, please contact me at 924-3695 or dpeterson@cabq.gov.

Sincerely,

Dana Peterson, P.E.
Senior Engineer, Planning Dept.
Development Review Services

Weighted E Method

Basin	Area (sf)	Area (acres)	Treatment				100-Year, 6-hr.		100 yr 10-DAY					
			% (acres)	% (acres)	% (acres)	% (acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)				
LOT 1	14666.00	0.337	0%	0	42%	0.141	28%	0.094	33%	0.111	1.344	0.038	1.14	0.053
LOT 2	12433.00	0.285	0%	0	46%	0.131	25%	0.071	29%	0.083	1.256	0.030	0.91	0.041

Equations:

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

Volume = Weighted D * Total Area

lot 1 lot 2
First flush requirement 137 102 cubic feet

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

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

Ea= 0.53 Qa= 1.56
Eb= 0.78 Qb= 2.28
Ec= 1.13 Qc= 3.14
Ed= 2.12 Qd= 4.7

Developed Conditions

FLAT GRADING SCHEME

POND	LOT 1	PROVIDED	GENERATED
POND	LOT 2	2314	2287
		2440	1782

This site is a redevelopment of a previously developed lot. The site has been subdivided. Each lot will retain the 100-year 10-day volume. The ponds will overflow to the street in the event of a storm exceeding the 100-year event. The surrounding area is flat, minor offsite flows are allowed to enter the site and pass thru to the right of way. The first flush volume is retained on site

PAD GRADING CERTIFICATION-LOT 2 ONLY

I, DAVID SOULE HAVE PERSONALLY INSPECTED THE SITE. I HEREBY CERTIFY THE PAD HAS BEEN CONSTRUCTED SUCH THAT IT IS IN SUBSTANTIAL CONFORMANCE TO THE APPROVED GRADING PLAN DATED 8/23/18



1/4/18

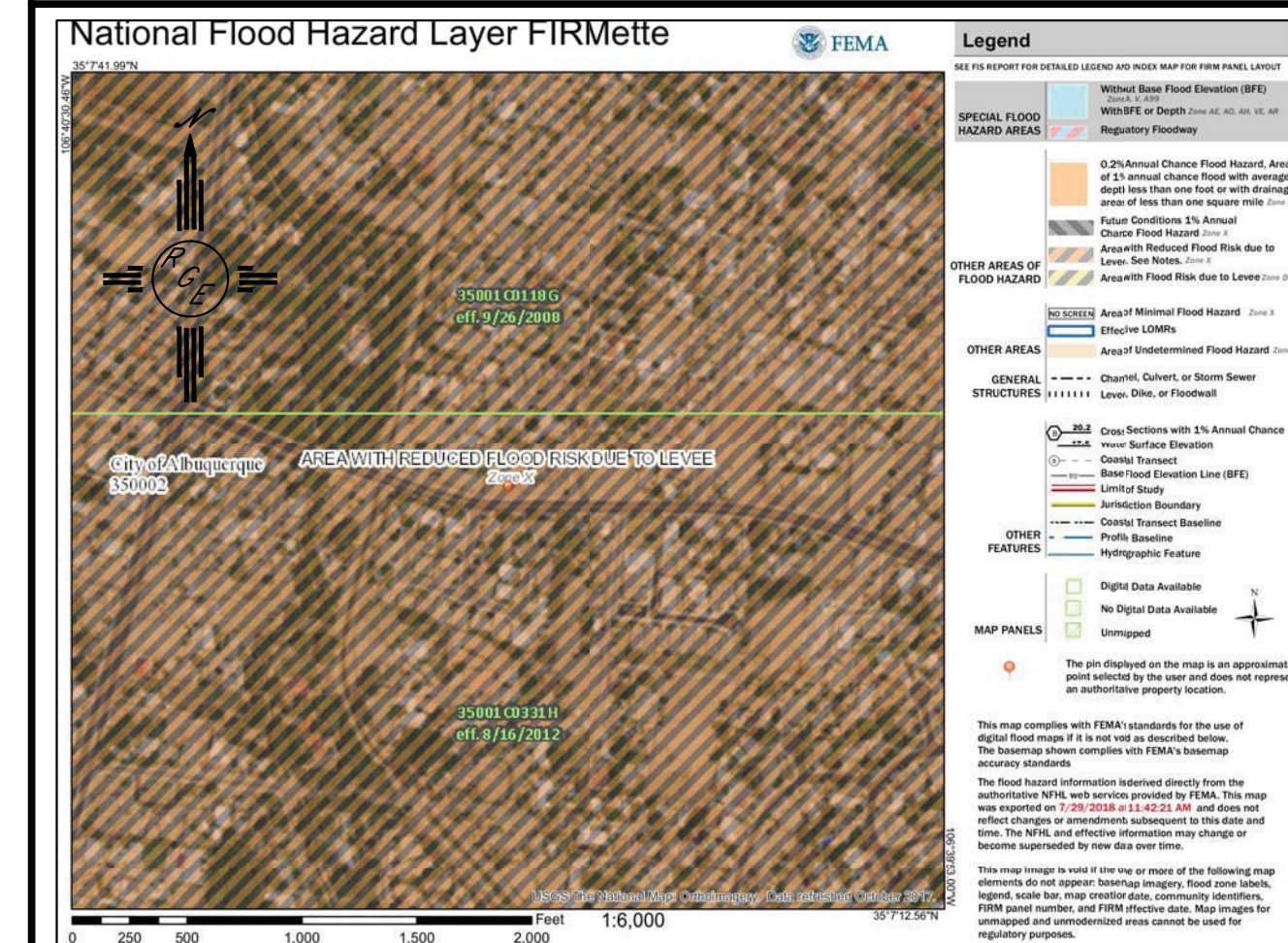
EXCEPTIONS:
LOT #1 PAD HAS NOT BEEN GRADED. THE SITE PONDS HAVE BEEN ROUGH GRADED ONLY.

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:

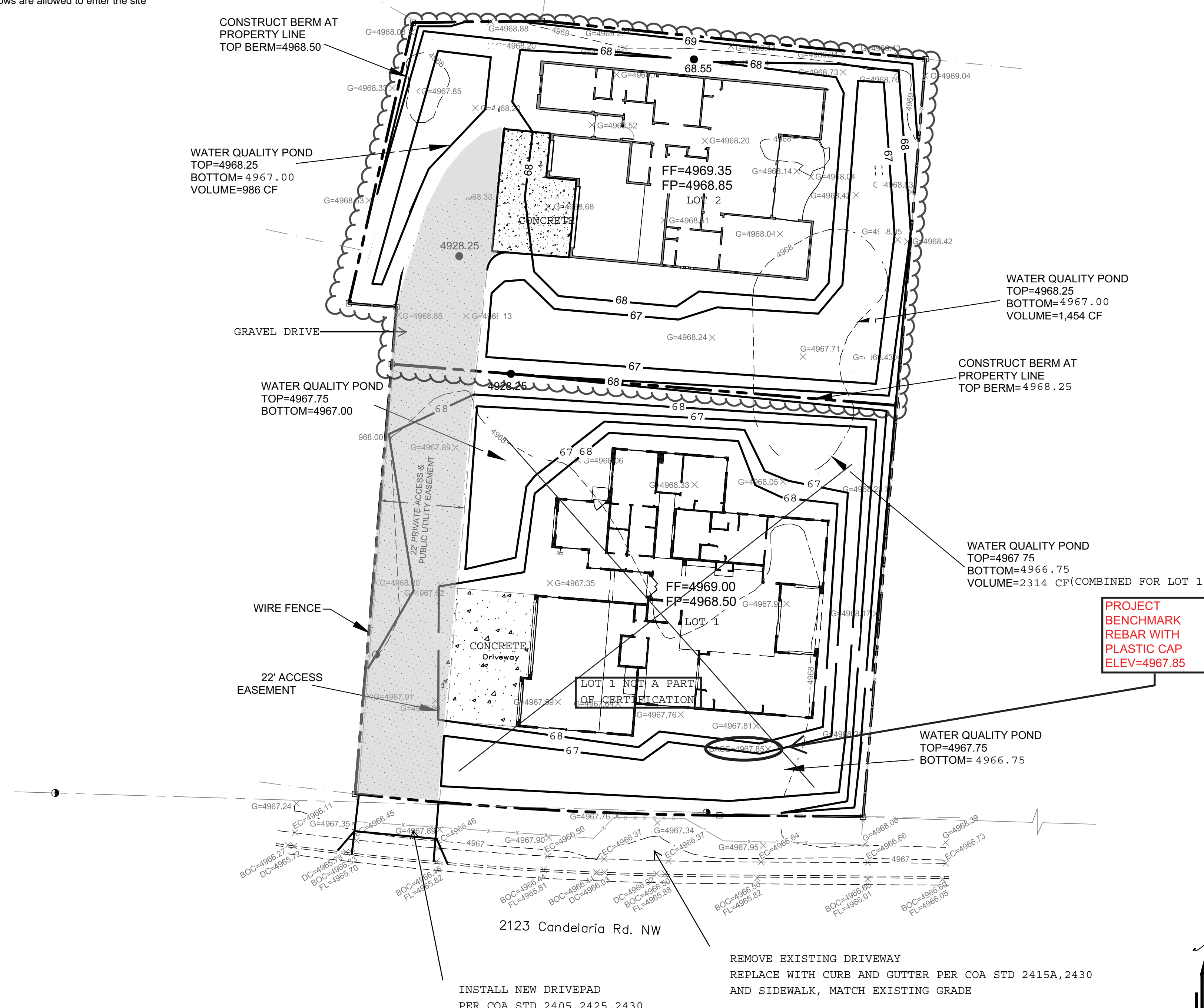
LOTS 1 AND 2, LANDS OF WINGER & MARTINEZ

NOTES:

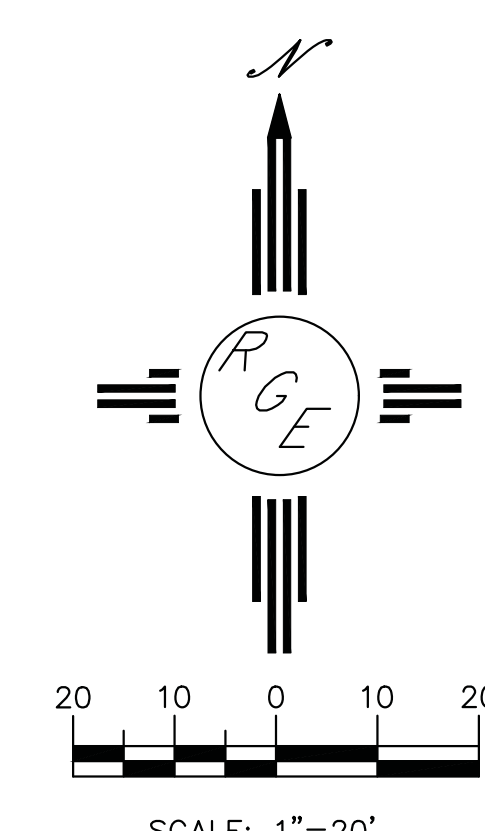
- ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
- ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
- ANY PERIMETER WALLS MUST BE PERMITTED SEPARATELY. ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
- SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.
- NO WORK SHALL BE PERFORMED WITHIN THE PUBLIC RIGHT OF WAY WITHOUT AN APPROVED WORK ORDER OR EXCAVATION PERMIT

LEGEND

- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- PROPOSED CONTOUR
- PROPOSED INDEX CONTOUR
- + XXXX EXISTING SPOT ELEVATION
- + XXXX PROPOSED SPOT ELEVATION
- BOUNDARY
- CENTERLINE
- 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.



 DAVID SOULE P.E. #14522	2123 CANDELARIA RD JOMAR CANDELARIA RESIDENCE	DRAWN BY DEM
	GRADING AND DRAINAGE PLAN	DATE 7-31-18
8/23/18 8/1/18	 Rio Grande Engineering 1608 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 972-0899	JOMAR CANDELARIA G&D
		SHEET # C1
		JOB #