

CITY OF ALBUQUERQUE



Timothy M. Keller, Mayor

December 11, 2017

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

**RE: Casas Devine
2300 Mountain Road NW & 2304 Mountain Road NW
Request for Permanent C.O. – Accepted for the following:
Building Permits – 2017-23141 & 2017-23142
Engineer's Certification Dated 12/07/17
Hydrology File: J13D204**

PO Box 1293

Dear Mr. Soule:

Albuquerque

Based on the Certification received 12/07/17 and site visit on 12/08/17, the site is acceptable for a Permanent Certificate of Occupancy by Hydrology for 2300 Mountain Road NW & 2304 Mountain Road NW.

NM 87103

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

www.cabq.gov

Sincerely,

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: _____ **Building Permit #:** _____ **City Drainage #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: _____

City Address: _____

Engineering Firm: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Architect: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Check all that Apply:

DEPARTMENT:

- ☐ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION
☐ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

- ☐ ENGINEER/ ARCHITECT CERTIFICATION
- ☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE MASTER PLAN
☐ DRAINAGE REPORT
☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

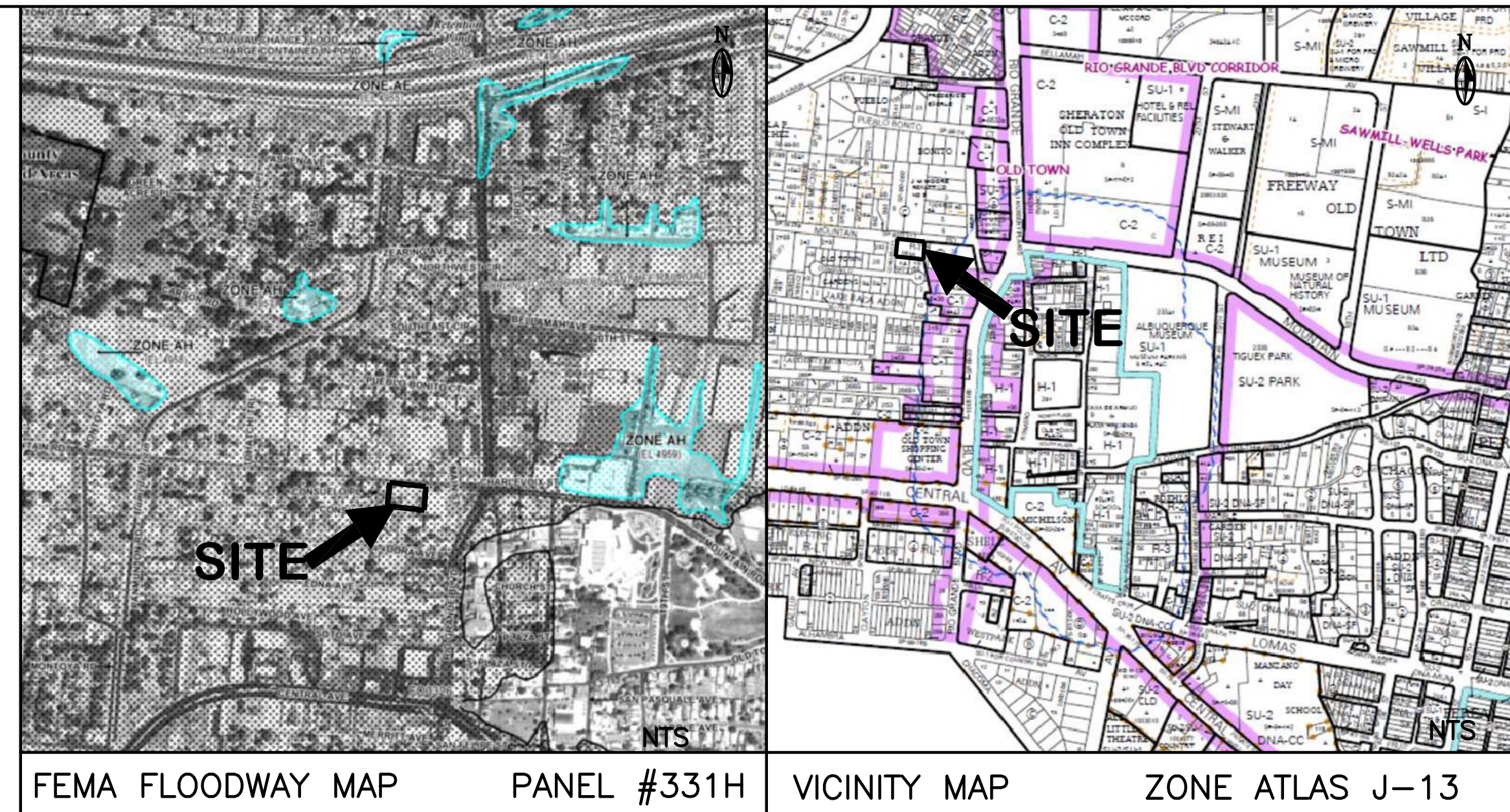
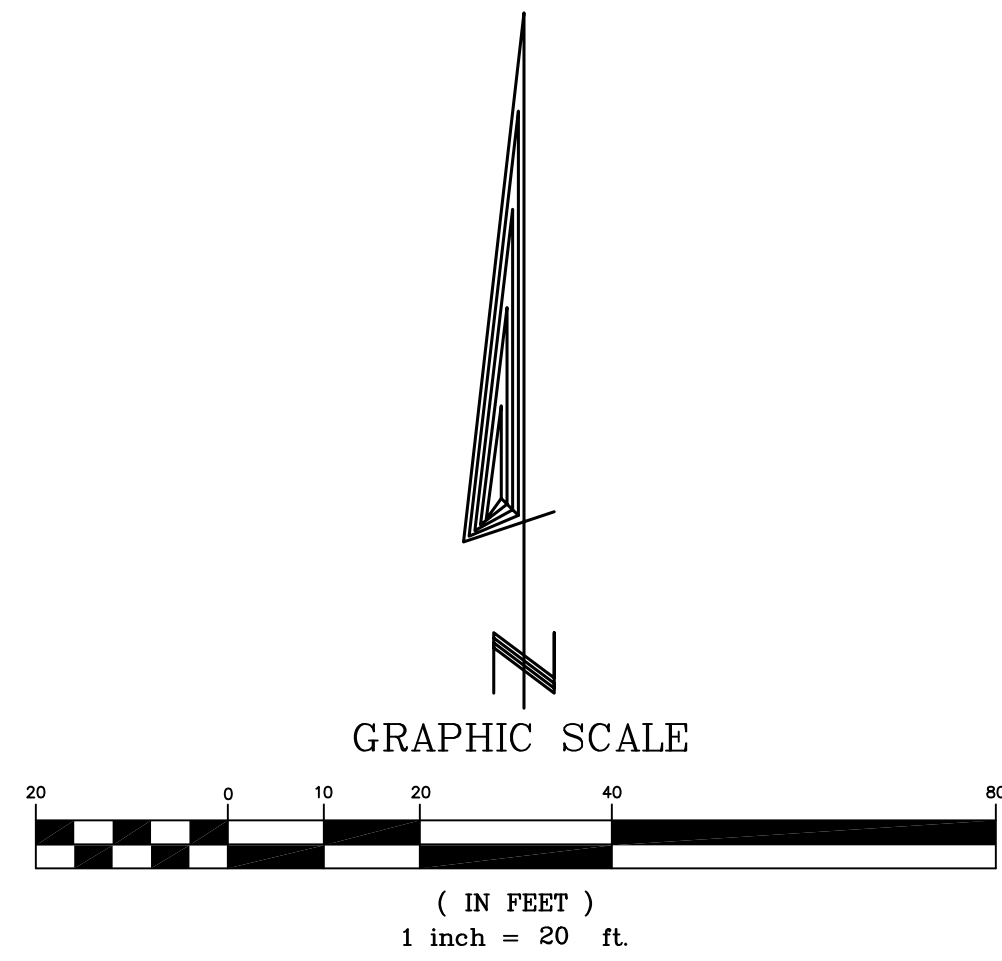
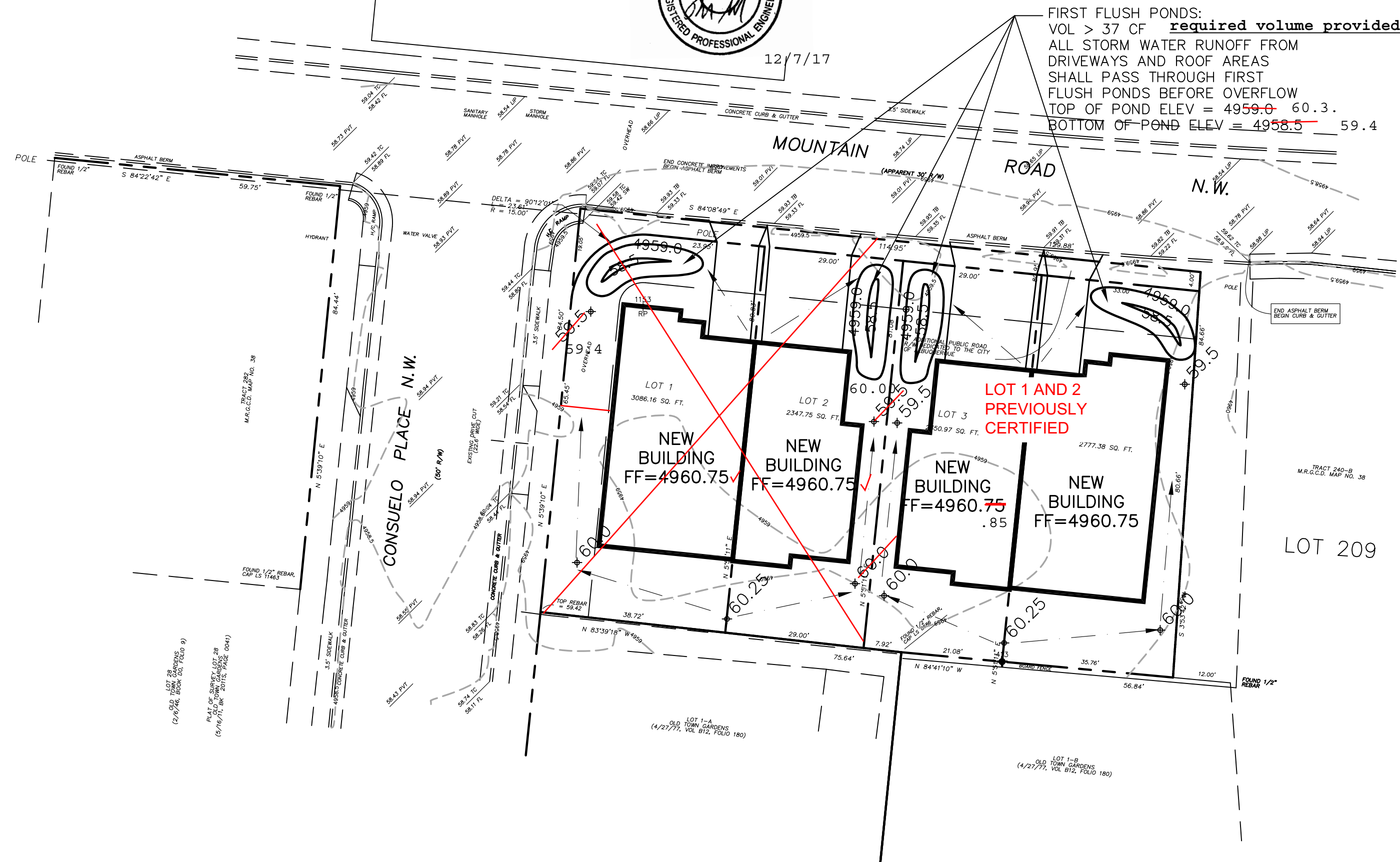
- ☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY
- ☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☐ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☐ PAVING PERMIT APPROVAL
☐ GRADING/ PAD CERTIFICATION
☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR
- ☐ PRE-DESIGN MEETING
☐ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

I David Soule, NMPE 14522 , of the firm Rio Grande Engineering, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intend of the approved plan dated 1/9/17 The record information edited on the original design document has performed by me or under my direct supervision and is true and correct to the best of my knowledge and belief. The as-built survey was provided Chris Dehler NMPLS#7923 . The certification is submitted in support of a request for PERMANENT CERTIFICATE OF OCCUPANCY. The record information presented heron is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on this record document are advised to obtain independent verification of its accuracy before using it for any other purpose.



Topographic information provided by Mike Shook dated January, 2017.

11. Areas disturbed due to construction shall be restored per City of Albuquerque Spec. 1012 native seed mix.

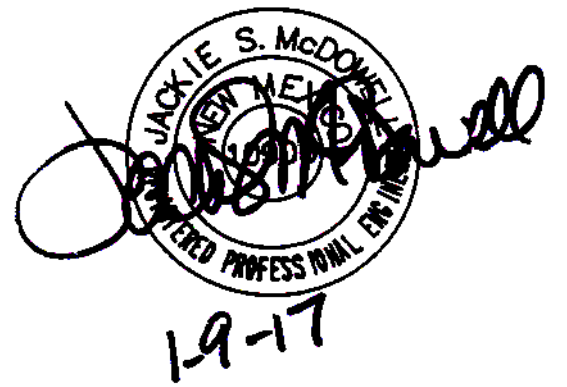
FIRST FLUSH REQUIRED POND VOLUME:		
LOT NO.	IMP. AREA (AC)	0.34" POND VOL. (CF)
1	0.03	37
2	0.03	37
3	0.03	37
4	0.03	37

LOTS 1 & 4			LOTS 2 & 3		
POND VOLUME PROVIDED:			POND VOLUME PROVIDED:		
ELEV.	AREA	VOL. (CF)	ELEV.	AREA	VOL. (CF)
4959	154		4959	158	
		41.75			44.5
4958.5	13		4958.5	20	

LOT 1			LOT 2 & 3							LOT 4						
Areas: (acres)			Areas: (acres)			Areas: (acres)			Areas: (acres)			Areas: (acres)				
	Existing	Proposed		Existing	Proposed		Existing	Proposed		Existing	Proposed		Existing	Proposed		
Treatment A	0.00	0.00	Treatment A	0.00	0.00	Treatment A	0.00	0.00	Treatment A	0.00	0.00	Treatment A	0.00	0.00		
Treatment B	0.00	0.00	Treatment B	0.00	0.00	Treatment B	0.00	0.00	Treatment B	0.00	0.00	Treatment B	0.00	0.00		
Treatment C	0.05	0.00	Treatment C	0.03	0.00	Treatment C	0.03	0.00	Treatment C	0.04	0.00	Treatment C	0.04	0.00		
Treatment D	0.02	0.00	Treatment D	0.02	0.00	Treatment D	0.02	0.00	Treatment D	0.02	0.00	Treatment D	0.02	0.00		
Total (acres) =	0.07	0.00	Total (acres) =	0.05	0.00	Total (acres) =	0.05	0.00	Total (acres) =	0.06	0.00	Total (acres) =	0.06	0.00		
Volume	100 year Existing	100 year Proposed	100 year Existing	100 year Proposed	10 year Existing	10 year Proposed	2 year Existing	2 year Proposed	Volume	100 year Existing	100 year Proposed	10 year Existing	10 year Proposed	2 year Existing	2 year Proposed	
Volume (acre-foot) =	0.007	0.007	0.000	0.000	0.003	0.003	0.002	0.002	Volume (acre-foot) =	0.007	0.007	0.004	0.004	0.007	0.002	
Volume (cubic feet) =	323	312	170	107	74	80	80	79	Volume (cubic feet) =	287	287	154	155	70	79	
Total Qip, cfs	100 year Existing	100 year Proposed	100 year Existing	100 year Proposed	10 year Existing	10 year Proposed	2 year Existing	2 year Proposed	Total Qip, cfs	100 year Existing	100 year Proposed	10 year Existing	10 year Proposed	2 year Existing	2 year Proposed	
Treatment A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Treatment A	0.00	0.00	0.00	0.00	0.00	0.00	
Treatment B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Treatment B	0.00	0.00	0.00	0.00	0.00	0.00	
Treatment C	0.14	0.00	0.07	0.00	0.02	0.00	0.01	0.00	Treatment C	0.11	0.00	0.06	0.00	0.02	0.00	
Treatment D	0.09	0.13	0.06	0.09	0.03	0.05	0.03	0.05	Treatment D	0.09	0.13	0.06	0.09	0.03	0.05	
Total Q (cfs) =	0.23	0.21	0.13	0.12	0.05	0.05	0.05	0.05	Total Q (cfs) =	0.20	0.19	0.12	0.11	0.05	0.05	

	EXISTING	PROPOSED
CONTOUR		
PROPERTY LINE		
ROAD		
SETBACK		
WALL		
SPOT ELEVATION		

LOTS 1, 2, 3, & 4
WITHIN
CASAS DEVINE
PROJECTED SECTION 18, T 10 N, R 3 E, NMPM
TOWN OF ALBUQUERQUE GRANT
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
2304 MOUNTAIN RD. NW



I, Jackie S. McDowell, hereby certify that I personally inspected the site shown on this plan on January 4, 2017 and as of that date it appeared that no filling, grading, or excavation had occurred thereon since completion of the topographic survey used to prepare this plan.

BERNALILLO COUNTY		NEW MEXICO	
<p style="text-align: center;">LOTS 1, 2, 3, & 4 CASAS DEVINE</p>			
JOHN JONES - CASAS DEVINE TOWNHOMES - GRADING & DRAINAGE PLAN			
<p style="text-align: center;">McDowell Engineering, Inc. 7820 BEVERLY HILLS AVE. NE • ALBUQUERQUE, NM 87122 TELE: 505-828-2430 • FAX: 505-821-4857</p>			
Designed	JSM	Drawn	STAFF
Checked	JSM	Sheet	of
File	JON0116L	Date	JANUARY, 2017
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