

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

June 5, 2020

Donald Briggs, P.E.
Don Briggs Engineering LLC
5324 Oakledge Ct. NW
Albuquerque, New Mexico 87120

**RE: Lot 25 Block 6 Unit 18 SAD 228
6519 Pato Rd. NW
Volcano Cliffs Subdivision
Grading and Drainage Plan
Engineers Stamp Date; 9/19/19 (D10D003M25)
Pad Certification Date; 10/8/19
C.O. Certification Date; 6/3/2020**

PO Box 1293

Dear Mr. Briggs,

Albuquerque

Based upon the information provided in your submittal received 6/5/2020, this plan cannot be approved for Certificate of Occupancy release until the following comments are provided.

NM 87103

- Provide a new date for the changes to the plan.
- Provide the approved Pad Cert. language on the plan.
- Provide a statement that the plans are ready for CO.

www.cabq.gov

If you have any questions, please contact me at 924-3999 or Rudy Rael at 924-3977.

Sincerely,

Ernest Armijo, P.E.
Principal Engineer, Planning Dept.
Development Review Services

RR/SB
C: File D10D003M25



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

Project Title: _____ **Building Permit #:** _____ **Hydrology File #:** _____

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

Legal Description: _____

City Address: _____

Applicant: _____ **Contact:** _____

Address: _____

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

Owner: _____ **Contact:** _____

Address: _____

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

TYPE OF SUBMITTAL: _____ PLAT (____# OF LOTS) _____ RESIDENCE _____ DRB SITE _____ ADMIN SITE

IS THIS A RESUBMITTAL?: _____ Yes _____ No

DEPARTMENT: _____ TRAFFIC/ TRANSPORTATION _____ HYDROLOGY/ DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- _____ ENGINEER/ARCHITECT CERTIFICATION
- _____ PAD CERTIFICATION
- _____ CONCEPTUAL G & D PLAN
- _____ GRADING PLAN
- _____ DRAINAGE MASTER PLAN
- _____ DRAINAGE REPORT
- _____ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- _____ ELEVATION CERTIFICATE
- _____ CLOMR/LOMR
- _____ TRAFFIC CIRCULATION LAYOUT (TCL)
- _____ TRAFFIC IMPACT STUDY (TIS)
- _____ OTHER (SPECIFY) _____
- _____ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

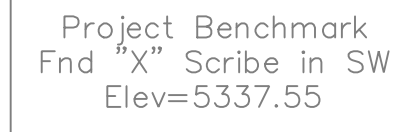
- _____ BUILDING PERMIT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY
- _____ PRELIMINARY PLAT APPROVAL
- _____ SITE PLAN FOR SUB'D APPROVAL
- _____ SITE PLAN FOR BLDG. PERMIT APPROVAL
- _____ FINAL PLAT APPROVAL
- _____ SIA/ RELEASE OF FINANCIAL GUARANTEE
- _____ FOUNDATION PERMIT APPROVAL
- _____ GRADING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













DATE SUBMITTED: _____ **By:** _____

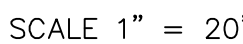
COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

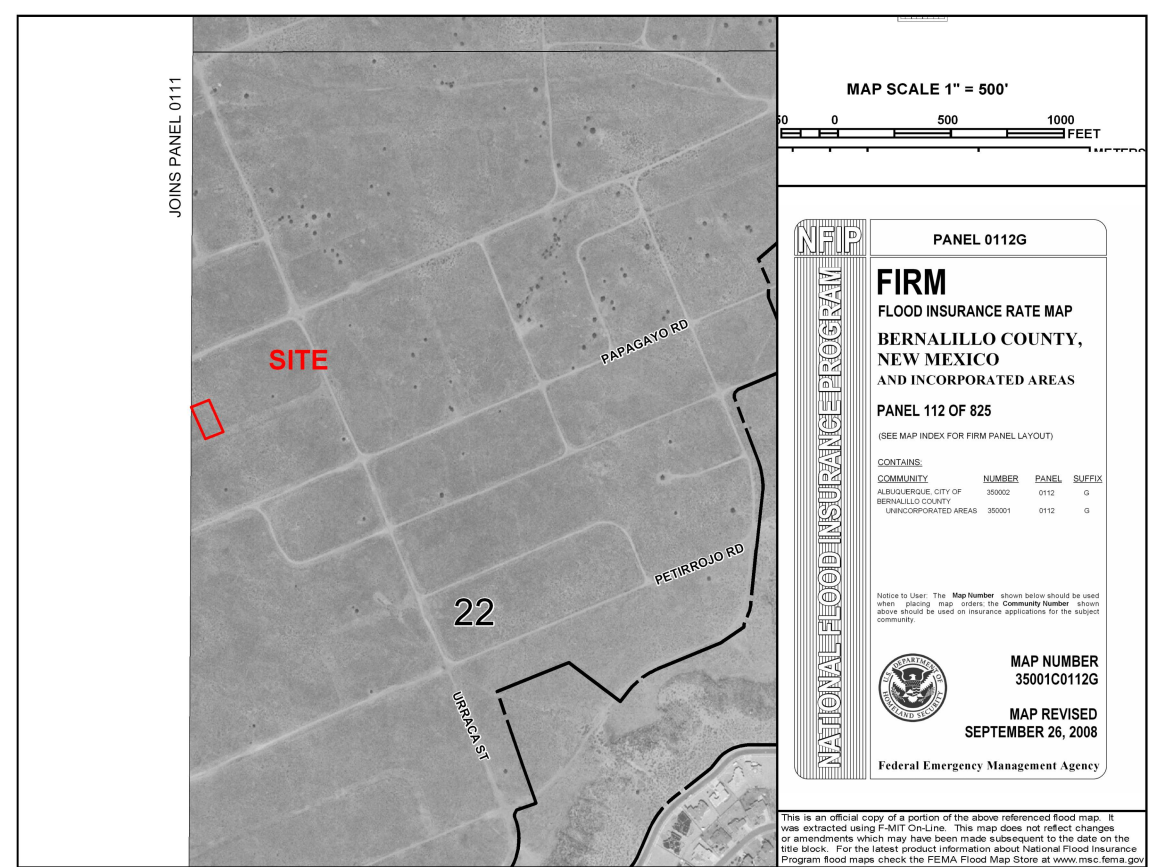
FEE PAID: _____




- | | |
|---|---------------------------------|
|  | FIND PROPERTY CORNER (AS NOTED) |
|  | FIRE HYDRANT |
|  | WATER METER |
|  | UTILITY PEDESTAL |
|  | WATER VALVE |
|  | SANITARY SEWER MANHOLE / SEPTIC |
|  | Existing Contour |
|  | Design Contour |
|  | New 5' CMU Wall |
|  | Drainage Swale |
|  | Existing Spot Elevation |
|  | Proposed Spot Elevation |



Hydrology Calculations 6519 Pato Rd. NW												
Precipitation Zone 1												
100 yr 6 hr Storm												
Basin Area =		0.33 ac.		14501.124 sq ft		Determined by DB						
Allowable - SAD 228 Master Drainage Plan												
Land Treatment	Percent	Area (ac.)	Excess Precipitation (in.)	Unit Peak Discharge (cfs/ac.)	Runoff Volume (ac.-ft.)	Peak Discharge (cfs)	Comments					
A	0.00%	0.00	0.44	1.29	0.00	0.00	Natural Ground					
B	10.00%	0.03	0.67	2.03	0.00	0.07	Landscaped Areas					
C	40.00%	0.13	0.99	2.87	0.01	0.38	Compacted earth					
D	50.00%	0.17	1.97	4.37	0.03	0.73	Impervious Areas					
TOTAL	100.00%	0.33	1.45		0.04	1.18						
					1749.80	cu ft						
Proposed												
		0.33 ac.		14501.124 sq ft		Determined by DB						
Land Treatment	Percent	Area (ac.)	Excess Precipitation (in.)	Unit Peak Discharge (cfs/ac.)	Runoff Volume (ac.-ft.)	Peak Discharge (cfs)	Comments					
A	0.00%	0.00	0.44	1.29	0.00	0.00	Natural Ground/Pond					
B	8.28%	0.03	0.67	2.03	0.00	0.06	Landscaped Areas					
C	51.98%	0.17	0.99	2.87	0.01	0.50	Compacted earth					
D	39.74%	0.13	1.97	4.37	0.02	0.58	Impervious Areas					
TOTAL	100.00%	0.33	1.35		0.04	1.13						
					1635.02	cu ft						
PONDING RETENTION =					1635.02	-1749.80	-114.78	cu ft. PONDING NOT REQUIRED				
Water Quality Retention Volume = 0.34' x					5763.44	sq ft	=	163.30	cu ft.			
Water Quality Retention Volume Provided =								162.35	cu ft.			
WATER QUALITY POND VOLUME												
ELEVATION (ft)	AREA (sq ft)	AVE AREA (sq ft)	DEPTH (ft)	VOLUME (cu ft)	CUMULATIVE VOLUME (cu ft)	COMMENTS						
5336.50	0.00											
5337.00	694.11	347.05	0.50	173.53								
MAX VOLUME					173.53							

[illegible]

	DON BRIGGS LLC	505-249-4843 donbriggsengineering@gmail.com 5324 Oakledge Ct. NW, Albuquerque, NM 87120
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