

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

April 8, 2019

David Soule, PE
Rio Grande Engineering
1606 Central SE Suite 201
Albuquerque, NM 87106

**Re: Lot 5 Block 9 Unit 18 Volcano Cliffs SAD 228
6428 Picardia Rd. NW
Request Permanent C.O. – Accepted
Engineer's Stamp dated: 8-18-18 (D10D003Q5)
Certificate of C.O. dated: 4/4/19**

Dear Mr. Soule,

PO Box 1293

Based on the Certification received on 4/5/2019, the site is acceptable for release of Certificate of Occupancy by Hydrology.

Albuquerque

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

NM 87103

Sincerely,

www.cabq.gov

James D. Hughes, P.E.
Principal Engineer, Hydrology
Planning Department

RR/JH
C: File D10D003Q5



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 6428 PICARDIA **Building Permit #:** _____ **Hydrology File #:** _____

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

Legal Description: lot 5 BLOCK 9 VOLCANO CLIFFS UNIT 22

City Address: 6428 PICARDIA

Applicant: SUN VALLY HOMES **Contact:** _____

Address: _____

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

Other Contact: RIO GRANDE ENGINEERING **Contact:** DAVID SOULE

Address: PO BOX 93924 ALB NM 87199

Phone#: 505.321.9099 **Fax#:** 505.872.0999 **E-mail:** david@riograndeengineering.com

TYPE OF DEVELOPMENT: ☐ PLAT ☒ RESIDENCE ☐ DRB SITE ☐ ADMIN SITE

Check all that Apply:

DEPARTMENT:

☒ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION

TYPE OF SUBMITTAL:

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

IS THIS A RESUBMITTAL?: ☒ Yes ☐ No

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: _____

Weighted E Method									
Basin	Area (sq ft)	Area (acres)	Treatment A (% of Area)	Treatment B (% of Area)	Treatment C (% of Area)	Treatment D (% of Area)	Weighted E (ac-ft)	100-Year, 6-hr Volume (ac-ft)	Flow (cfs)
ALLOWED	14258.00	0.327	0%	0%	20%	0.005	48%	0.1508	34%
PROPOSED	14258.00	0.327	0%	0%	20%	0.005	48%	0.1508	34%
COMPARISON									

ASBUILT:
 Weighted E = Ea**Aa* + Eb**Ab* + Ec**Ac* + Ed**Ad* / (Total Area)
 Volume = Weighted D * Total Area
 Flow = Qa * *Aa* + Qb * *Ab* + Qc * *Ac* + Qd * *Ad*
 Where for 100-year, 6-hour storm: zone 1
 Ea= 0.44 Qa= 1.29
 Eb= 0.67 Qb= 2.03
 Ec= 0.99 Qc= 2.87
 Ed= 1.97 Qd= 4.37

ON-SITE Conditions:
 FIRST FLUSH WATER QUALITY VOLUME REQUIRED (CF)
 PROVIDED (CF)
 WATER QUALITY FLOOD CONTROL
 168 619
 58 619

Narrative:
 This site is within the SAD 226 Master Drainage plan boundaries. The site is to maintain existing patterns and drain to the adjacent roadway lot to east per the master drainage plan. We are providing the water harvest volume generated by the site there is not measurable upland flow. This plan exceeds the allowed impervious area therefore we are required to retain the overage. This plan is in accordance to the master drainage plan

Asbuilt

DATE: 4/5/19
 CREW: cfs/rgr
 DRAFTING: dks
 GPS: n/a
 UN: N942-02

Community Sciences Corporation

Professional Land Surveying & Planning
 (505) 897-0000

Asbuilt Legend

- SPOT ELEVATION
- FLOW ARROW
- BUTTERFLY DRIVE
- DRAIN BLOCK
- NOT CONSTRUCTED
- BLOCK WALL
- SITE FEATURES

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.

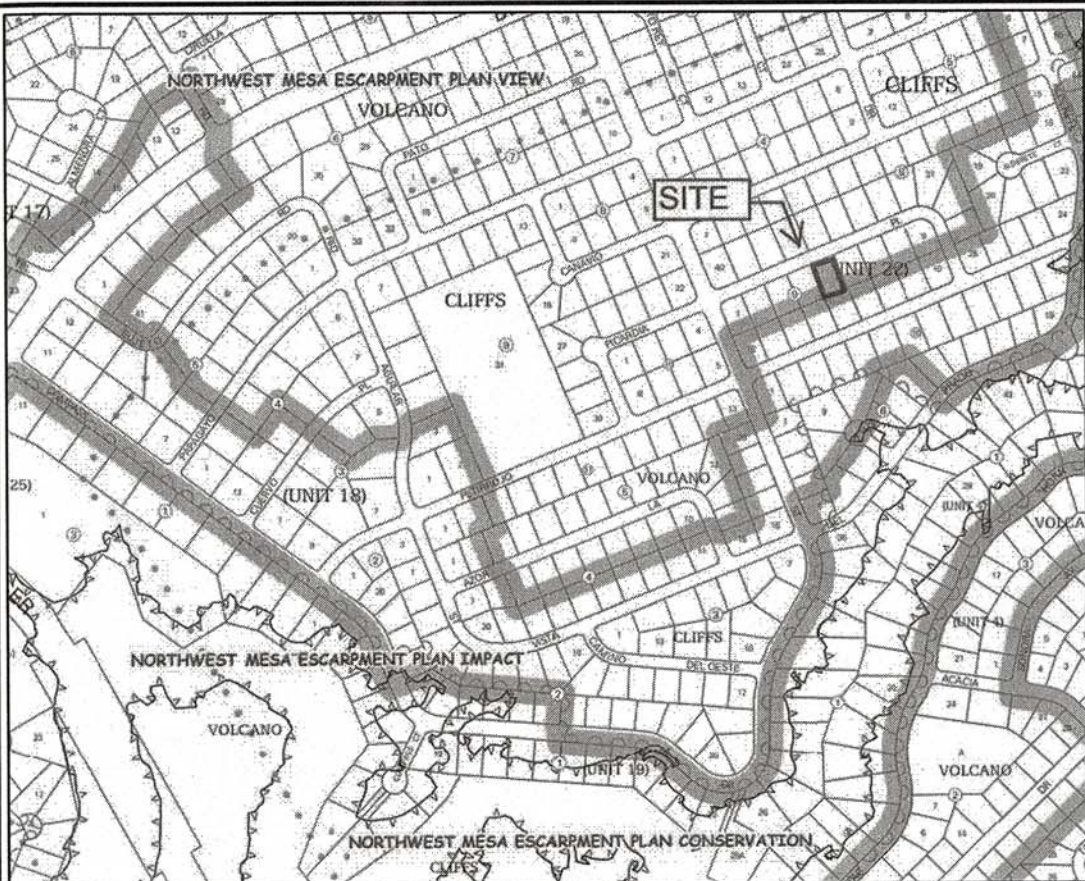
EROSION CONTROL NOTES:

- 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.

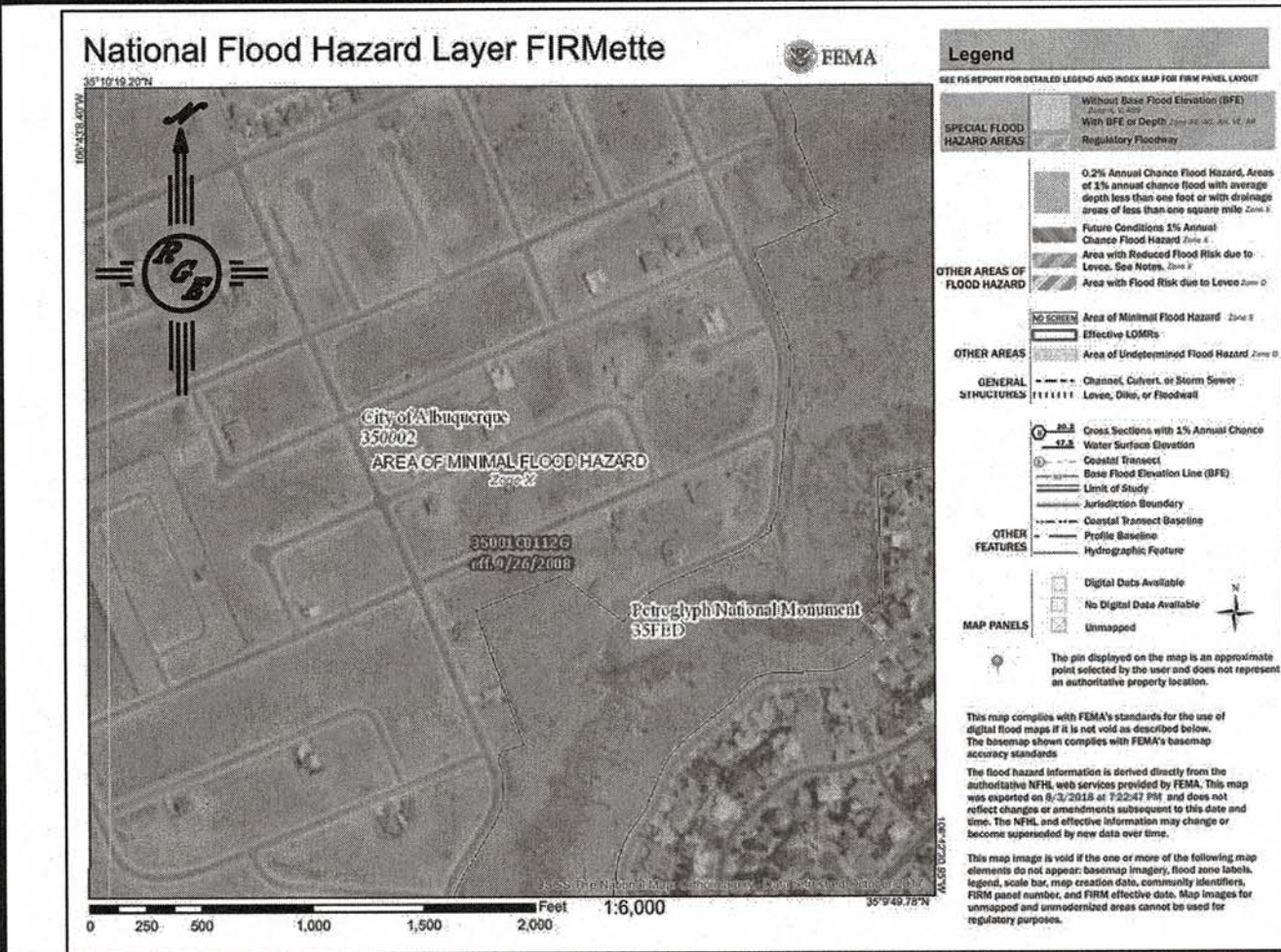
I David Soule, NMPE 14522 , of the firm Rio Grande Engineering, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intend of the approved plan dated 8/8/18 . The record information edited on the original design document has 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 by THOMAS PATRICK NMPS 12651. 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



4/4/19



VICINITY MAP: D-10-Z



FIRM MAP:

LEGAL DESCRIPTION:

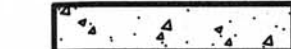
LOT 5, BLOCK 9 UNIT 22 VOLCANO CLIFFS

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.

LEGEND

- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- PROPOSED CONTOUR
- PROPOSED INDEX CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- BOUNDARY
- PROPOSED EARTHEN SWALE
- ADJACENT BOUNDARY
- EXISTING CURB AND GUTTER
- PROPOSED CONCRETE DRIVEWAY



<div>ENGINEER'S SEAL</div> <div>DAVID SOULE NEW MEXICO 14522 REGISTERED PROFESSIONAL ENGINEER</div> <div>8/8/18</div> <div>DAVID SOULE P.E. #14522</div>	<div>LOT 5, BK 9 UN 22 VOLCANO CLIFFS</div> <div>6428 PICARDIA PLACE</div>		<div>DRAWN BY</div> <div>DEM</div>
	<div>GRADING AND DRAINAGE PLAN</div>		<div>DATE</div> <div>8-7-18</div>
	<div>Rio Grande Engineering</div> <div>1808 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0888</div>		<div>SHEET #</div> <div>C1</div>
			<div>JOB #</div> <div></div>

RGE G&D CERT (4-5-19)