

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

June 13, 2025

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

RE: **Lot 30 Block 1 Volcano Cliffs Unit 22 SAD 228**
8019 Canoncito Dr. NW
Grading and Drainage Plan
Engineers Stamp Date 4/18/2024 (D10D003N30)
Pad Certification Date 6/3/2025

Mr. Soule,

Based upon the information provided in your submittal received 6/10/2025, this plan is approved for building permit.

PO Box 1293

Please inform the builder/owner to attach a copy of this approved plan and this letter to the construction sets in the permitting process prior to sign-off by Hydrology.

Albuquerque

Reiterate to the Owner/Contractor that a separate permit for a garden/retaining wall must be obtained, with the approved G&D plan and Pad Certification. Advise the owner & Contractor that dirt is not allowed in the public right of way to climb the curb. Crusher fines or lumber is allowed. If dirt is used this will delay going forward with the construction of the home.

NM 87103

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist of this plan will be required.

www.cabq.gov

If you have any questions, please contact me at 924-3695 or Rudy Rael at 924-3977.

Sincerely,

Tiequan Chen, P.E.
Principal Engineer, Hydrology
Planning Department, Development Review Services

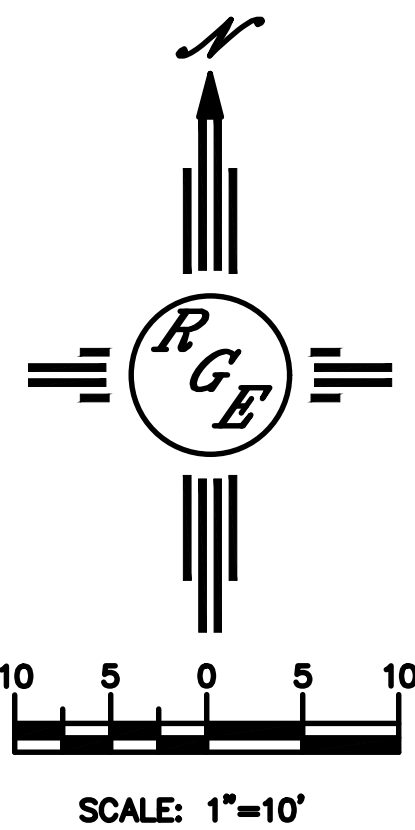
RR/TC
File D10D003N30

										100-Year, 6-hr.			24 hour	
Basin	Area (sf)	Area (acres)	Treatment A % (acres)	Treatment B % (acres)	Treatment C % (acres)	Treatment D % (acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)				
ALLOWED	15241.00	0.350	0%	0	24%	0.084	40%	0.14	36%	0.126	1.362	0.040	1.10	0.048
PROPOSED	15241.00	0.350	0%	0	20%	0.070	24%	0.084	56%	0.196	1.628	0.047	1.20	0.061
COMPARISON												0.008		0.012

Ea= 0.55	Qa= 1.54
Eb= 0.73	Qb= 2.16
Ec= 0.95	Qc= 2.87
Ed= 2.24	Qd= 4.12

WATER QUALITY
FLOOD CONTROL

This site is within the SAD 227 Master Drainage plan boundaries. The site is to maintain existing patterns and drain to the adjacent roadway to the south per the master drainage plan. The site does exceed the SAD 227 developed conditions assumptions, therefore ponding OF 542 CF is required. Due to height restrictions we have incorporated ponding to minimize the pad height as much as possible. We are ponding the water harvest volume generated by the site. All building generated water drains to street. This plan is in conformance with the master drainage plan.



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.

**City of Albuquerque
Planning Department
Development Review Services**

HYDROLOGY SECTION

APPROVED

6/13/2025

DATE: liepna Cha

HydroTrans # **D100003N30**

THE APPROVAL OF THESE PLANS/PLOANS SHALL NOT BE CONSTRUED TO PERMIT VIOLATIONS OF ANY CITY ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT THE CITY OF ALBUQUERQUE FROM REQUESTING CORRECTIONS FOR ERRORS OR OMISSIONS, OR REQUESTING REVISIONS OR CORRECTIONS TO DOCUMENTS. SUCH APPROVED PLANS/PLOANS SHALL NOT BE CHANGED, MODIFIED OR EXTENDED WITHOUT AUTHORIZATION.

THE APPROVAL OF THESE PLANS/PLOANS SHALL EXPIRE TWO (2) YEARS AFTER THE APPROVAL DATE. IF A BUILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMENT.

[illegible]

LOT 30, BLOCK VOLCANO CLIFFS SUBDIVISION UNIT 22
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

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 DYNAMIC CONSTRUCTION AND TECHNOLOGY LLC USING NAVD DATUM 1988.
5. A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING PERMIT.

- - - - - x x x x - - - - - EXISTING CONTOUR
 - - - - - x x x x - - - - - EXISTING INDEX CONTOUR
 - - - - - x x x x - - - - - PROPOSED CONTOUR
 - - - - - x x x x - - - - - PROPOSED INDEX CONTOUR
 • x x x x EXISTING SPOT ELEVATION
 ● x x x x PROPOSED SPOT ELEVATION
 - - - - - BOUNDARY
 - - - - - ADJACENT BOUNDARY
 - - - - - EXISTING CURB AND GUTTER
 - - - - - PROPOSED EARTHEN SWALE
 - - - - - PROPOSED CONCRETE

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.

JOB #