

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

December 8, 2023

Philip W. Clark, PE
Clark Consulting Engineers
19 Ryan Rd
Edgewood, NM 87015

RE: **Lot 9 Block 8 Volcano Cliffs Unit 7**
6605 San Ildefonso NW
Grading and Drainage Plan
Engineers Stamp Date: 11/6/2023 (E11D031)
Pad Certification Date: 12/4/2023

Mr. Clark,

Based upon the information provided in your submittal received 12/7/2023, this plan is approved for building permit.

PO Box 1293

Advise the owner contractor not to use dirt as a ramp to climb the curb, use lumber or crusher fines for this purpose. Place this note on the plan.

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. Also, if a swimming pool is to be placed after this approval a new grading and drainage plan will need to be resubmitted showing the changes for the land treatments.

NM 87103

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist is required.

www.cabq.gov

If you should have any questions please contact me at 505-924-3695 or Rudy E. Rael at 505-924-3977

Sincerely,


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

RR/TC
File: E11D031



1. ALL WORK WITHIN THE RIGHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECS FOR PUBLIC WORKS CONSTRUCTION, 2020.
2. AN EXCAVATION/CONSTRUCTION PERMIT IS REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY R.O.W. AN APPROVED COPY OF THIS PLAN MUST BE SUBMITTED AT THE TIME OF APPLICATION.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL LANDSCAPING AREA SHALL BE SOFT-LINED WITH NATIVE VEGETATION AND/OR GRASS.
5. CONTRACTOR SHALL ENSURE THAT NO SITE SLOTTING/SEED OR SILT ENTER THE RIGHT-OF-WAYS DURING CONSTRUCTION.
6. REVEGETATE ALL AREAS DISTURBED DUE TO CONSTRUCTION PER CITY OF ALBUQ. SPEC. 7072. NATIVE SEED MIX.
7. MAXIMUM SITE GRADUOSITY WITHOUT EROSION PROTECTION:
2 HORIZONTAL TO 1 VERTICAL. 2:1. DIMENSIONS ARE TO FACE OF CURB UNLESS NOTED OTHERWISE.

LEGAL DESCRIPTION:
LOT 9, BLOCK 8, VOI CANO CLIFFS, UNIT 7
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

 **Clark Consulting Engineers**
Edgewood, New Mexico 87015

Title: 6605 SAN LUIS		Culvert: 0501-264-002	
Date: 05/01/2014			
DATE	REVISION	LOT 9, BLOCK 8 VOLCANO CLEFTS UNIT 7	
		ALBUQUERQUE, BENJAMIN L. CO., NM	
6605 SAN LUIS <i>Grading & Drainage</i> Plan			
DESIGNED BY: PMC		PROJ. AREA: H	
DRAWN BY: CCE		1 OF 1	
DATE: 02/20/23	TITLE: 66-02		

HYDROLOGIC METHODS PER CHAPTER 6, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL (DPM)
2020 EDITION FOR CITY OF ALBUQUERQUE
DISCHARGE RATE: $Q = \text{PEPAK} \times \text{AREA}$, Peak Discharge Rates For Small Watersheds*
VOLUMETRIC DISCHARGE: $\text{VOLUME} = \text{CWEIGHTED} \times \text{AREA}$
 $\text{P100-6} = 2.17 \text{ in.}$, Zone 1, $T_c = 12 \text{ min.}$
DESIGN STORM: 100-YEAR/6-HOUR, 10-YEAR/6-HOUR [] = 10 YEAR VALUES

	AREA	LAND TREATMENT	Δ Peak E
UNDEVELOPED	0.0	56%	0.10(11)
LANDSCAPING, NGRAVE	0.0	48% (7.2%)	0.23(0.61)
GRAVEL & COMPACTED SOIL	0.08	AC (20%)	0.32(0.96)
ROAD - PAVEMENT	0.09	ACE (35%)	0.95(0.53)
			2.87(1.46)
			2.24(1.43)

S&D 219 SETS MAX.LTD OF 38%

CHECK 1ST FLUSH, AKA EPA SMO & US50 USE 0.42Z

THEN 0.42PM-12 X 0.09 X .4350 = 137 CF



I, PHILIP W. CLARK, PROFESSIONAL ENGINEER, REGISTERED IN ACCORDANCE WITH THE LAWS IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE GRADING AND DRAINAGE IMPROVEMENTS INDICATED ON THE PLAN WERE CONSTRUCTED AS SHOWN, AND COMPLETS WITH THE DESIGN INTENT OF THE APPROVED PLAN.

