

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

November 7, 2023

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

RE: **Lot 12 Block 4 Volcano Cliffs Unit 19 SAD 228
6511 Vista Del Prado NW
Grading and Drainage Plan
Engineers Stamp Date: 11/6/2023 (D10D003T12)**

Mr. Clark,

PO Box 1293

Based upon the information provided in your submittal received 11/7/2023, this plan is approved for grading permit. **Prior to Building permit approval, a Pad Certification will be required, provided by the Engineer or a registered Land Surveyor.**

Albuquerque

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.

NM 87103

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.

www.cabq.gov

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

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 D10D003T12



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title: _____ Hydrology File # _____

Legal Description: _____

City Address, UPC, OR Parcel: _____

Applicant/Agent: _____ Contact: _____

Address: _____ Phone: _____

Email: _____

Applicant/Owner: _____ Contact: _____

Address: _____ Phone: _____

Email: _____

(Please note that a DFT SITE is one that needs Site Plan Approval & ADMIN SITE is one that does not need it.)

TYPE OF DEVELOPMENT: PLAT (#of lots) _____ RESIDENCE
DFT SITE ADMIN SITE

RE-SUBMITTAL: YES NO

DEPARTMENT: TRANSPORTATION HYDROLOGY/DRAINAGE

Check all that apply under Both the Type of Submittal and the Type of Approval Sought:

TYPE OF SUBMITTAL:

- ENGINEER/ARCHITECT CERTIFICATION
- PAD CERTIFICATION
- CONCEPTUAL G&D PLAN
- GRADING & DRAINAGE PLAN
- DRAINAGE REPORT
- DRAINAGE MASTER PLAN
- CLOMR/LOMR
- TRAFFIC CIRCULATION LAYOUT (TCL)
ADMINISTRATIVE
- TRAFFIC CIRCULATION LAYOUT FOR DFT
APPROVAL
- TRAFFIC IMPACT STUDY (TIS)
- STREET LIGHT LAYOUT
- OTHER (SPECIFY) _____

TYPE OF APPROVAL SOUGHT:

- BUILDING PERMIT APPROVAL
- CERTIFICATE OF OCCUPANCY
- CONCEPTUAL TCL DFT APPROVAL
- PRELIMINARY PLAT APPROVAL
- FINAL PLAT APPROVAL
- SITE PLAN FOR BLDG PERMIT DFT
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
- OTHER (SPECIFY) _____

DATE SUBMITTED: _____



VICINITY MAP ZONE D-10

NOTES

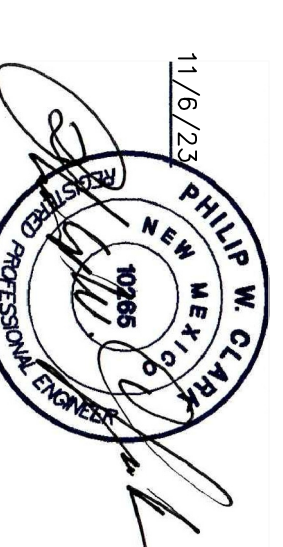
1. ALL WORK WITHIN THE RIGHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECS. FOR PUBLIC WORKS CONSTRUCTION, 2020.
2. AN EXCAVATION/CONSTRUCTION PERMIT IS REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY R.O.W. AN APPROVED COPY OF THIS PLAN MUST BE SUBMITTED AT THE 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 GRAVEL.
5. CONTRACTOR SHALL ENSURE THAT NO SITE SOILS SEDIMENT OR SILT ENTER THE RIGHT-OF-WAYS DURING CONSTRUCTION.
6. REVEGETATE ALL AREAS DISTURBED DUE TO CONSTRUCTION PER CITY OF ALBUQ. SPEC. 1012, NATIVE SEED MIX.
7. MAXIMUM SITE GRADING WITHOUT EROSION PROTECTION:
 2 HORIZONTAL TO 1 VERTICAL, 2:1 SLOPES < 4' HIGH.

LEGEND

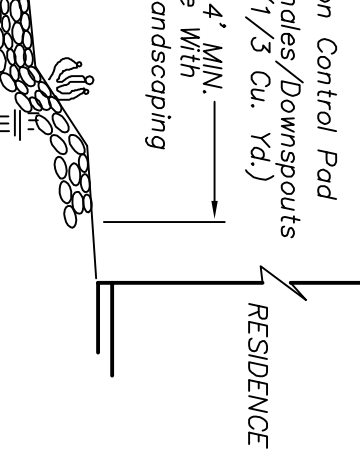
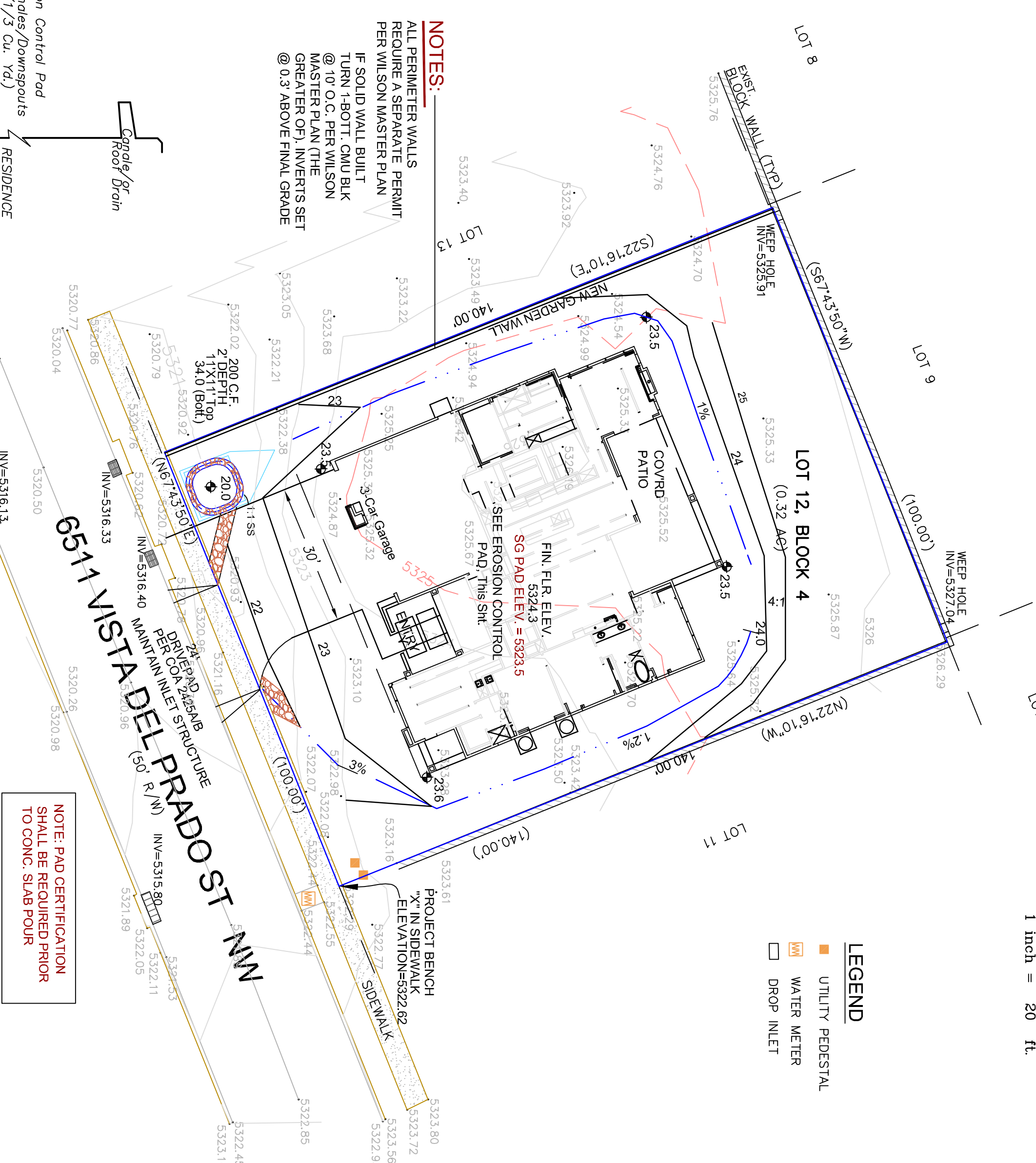
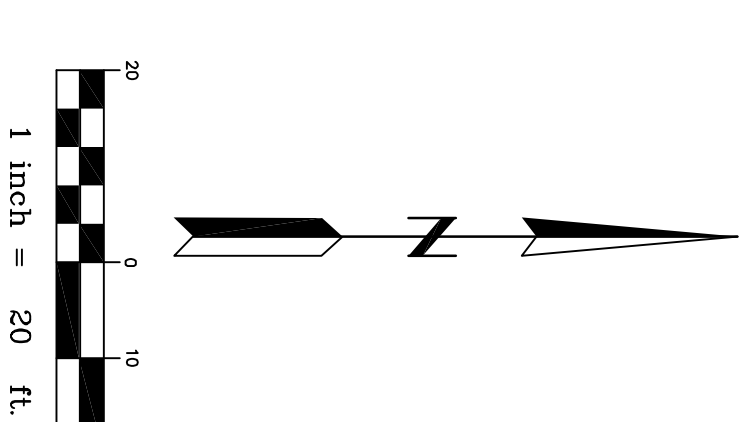
1.34.0	EXIST. SPOT ELEVATION
---	EXIST. CONTOUR
- - -	NEW SPOT ELEVATION
---	NEW CONTOUR
---	NEW SWALE
---	DRAINAGE DIRECTION, EXISTING
---	FLOWLINE
○ PP	EXISTING POWER POLE
NO OR G	NATURAL GROUND, EXISTING
R/C	REBAR AND CAP, EXISTING
---	V.V.I., 4" AVG. DIA. SMOOTH RAIN COBBLES/ RIPRAP, 6" DEPTH, V. SHARPED

PROJECT DATA

LEGAL DESCRIPTION (EXISTING):
 LOT 12, BLOCK 4, VOLCANO CLIFFS, UNIT 19
 ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
 PROJECT BENCHMARK
 CHISEL, X IN SIDEWALK @ SOUTHEAST CORNER PROJECTED.
 SEE PLAN, ELEVATION = 5322.82 AS TIED FROM ACS CONTROL MONUMENT
 SYSTEM (NAVD 89), BY COMMUNITY SCIENCES SURVEY.



Date (09/28/2444)		Drawn By: COE		Scale: 1/16" = 1'-0"
DATE	REVISION	DESIGNED BY: PWC	DRAWN BY: COE	DATE: NOV 2023
LOT 12, BLOCK 4, VOLCANO CLIFFS, UNIT 19 ALBUQUERQUE, BERNALILLO COUNTY, NM		6511 VISTA DEL PRADO, NW		FILE #: G/D
Grading & Drainage Plan		1 OF 1		



EROSION CONTROL PAD

NO SCALE

CALCULATIONS

DESIGN CRITERIA
 HYDROLOGIC METHODS PER CHAPTER 6, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL (DPM)
 2020 EDITION PER CITY OF ALBUQUERQUE. "Peak Discharge Rates For Small Watersheds"
 DISCHARGE RATE COEFFICIENT x AREA. "Peak Discharge Rates For Small Watersheds"
 P100=0.47 (17%), P10=0.17 (6%), P5=0.12 (4.5%), P2=0.08 (3%)
 DESIGN STORM: 100-YEAR/6-HOUR, 10-YEAR/6-HOUR [] = 10 YEAR VALUES

DEVELOPED CONDITIONS
 DETERMINE LAND TREATMENTS, PEAK DISCHARGE AND VOLUMETRIC DISCHARGE FOR STUDY AREA

AREA	LAND TREATMENT	Peak	V
0.00 AC	(10%) A	1.54(0.30)	0.55(0.11)
0.10 AC	(30%) B	2.16(0.41)	0.73(0.26)
2.87(1.46)			0.93(0.43)
0.129 AC	(60%) D	4.14(2.31)	2.24(1.43)
0.32 AC			

SAD 288 SETS MAX LIT OF 38%
 THEREFORE: 04 X 0.32 X 43560 X 2.24(12) = 104 CF
 CHECK 1ST FLUSH, AKA EPA SWQ & 2020 DPM - USE 0.42"
 THEN: 0.42(12 X 0.129 X 43560) = 197 CF

I, PHILIP W. CLARK, A PROFESSIONAL ENGINEER LICENSED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT I HAVE VISITED THE SITE SHOWN HEREON, AND THAT THE CONTOURS SHOWN REPRESENT THE EXISTING GROUND CONDITIONS, AND DO FURTHER CERTIFY THAT NO SIGNIFICANT EARTHWORK NOR MAJOR DISTURBANCE OF THE EXISTING GROUND HAS OCCURRED ON THIS SITE SINCE THE CONTOURS WERE DETERMINED.