

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

November 21, 2019

Jackie McDowell, PE
McDowell Engineering, Inc.
7820 Beverly Hills Ave NE
Albuquerque, NM 87121

RE: **Lot 2 Block 3 Unit 18, S.A.D. 228**
Volcano Cliffs Subdivision
6612 Cuervo Pl. NW
Grading and Drainage Plan
Engineers Stamp Date; 10-29-19 (D10D003S2)
Pad Certification Date; 11/20/19

Dear Ms. McDowell,

PO Box 1293

Based upon the information provided in your submittal received 11/20/19, this plan is approved for Building Permit.

Albuquerque

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

NM 87103

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

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

www.cabq.gov

Sincerely,

Shahab Biazar, P.E.
City Engineer, Planning
Division Manager

RR/JDH
C: File D10D003S2



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

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

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

Legal Description: _____

City Address: _____

Applicant: _____ **Contact:** _____

Address: _____

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

Other Contact: _____ **Contact:** _____

Address: _____

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

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

IS THIS A RESUBMITTAL? _____ Yes _____ No

DEPARTMENT _____ TRANSPORTATION _____ HYDROLOGY/DRAINAGE

Check all that Apply:

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?

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: _____

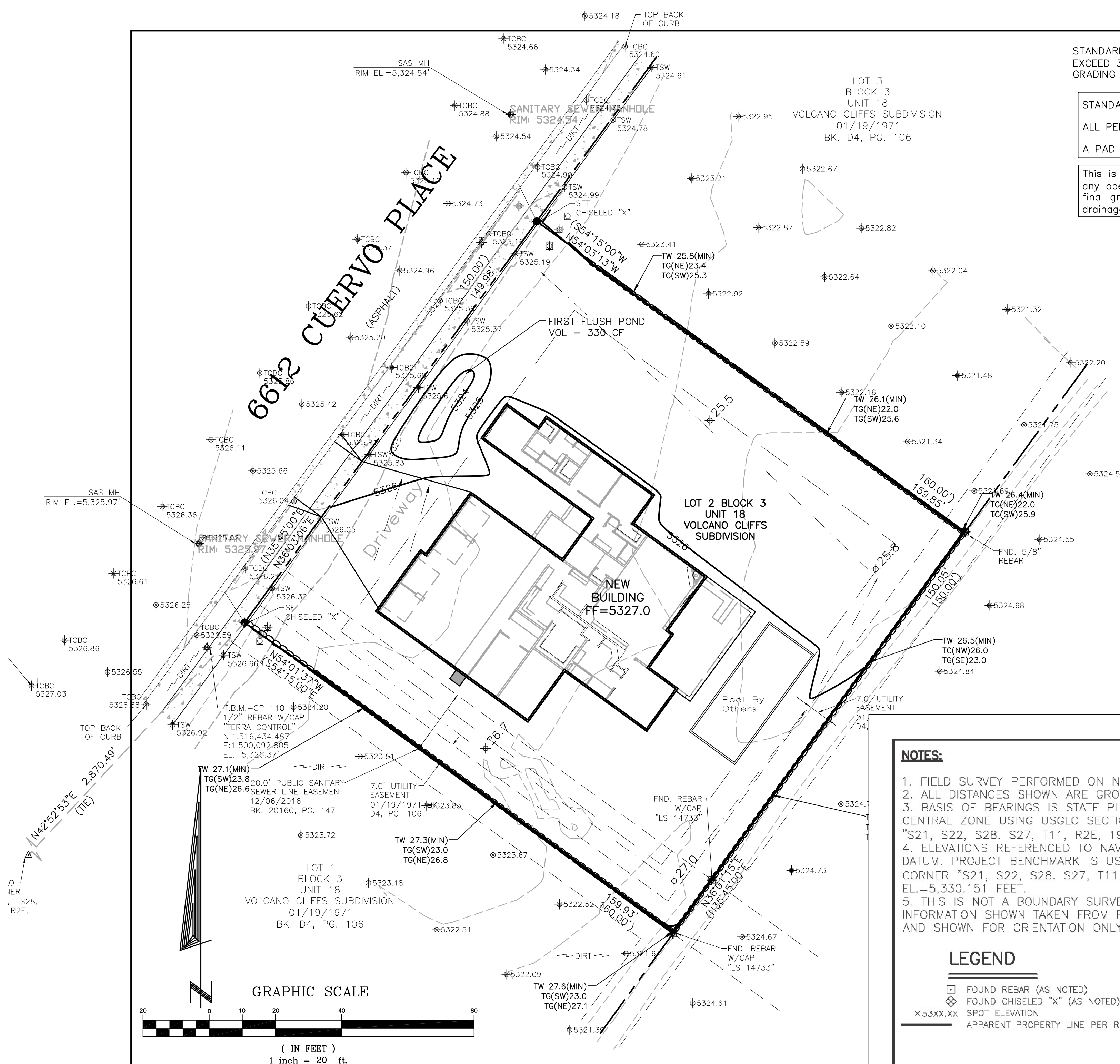
FEE PAID: _____

PAD CERTIFICATE

- ## LEGEND

-
- CHRISTOPHER A. MEDINA
NEW MEXICO
15702
11/19/19
REGISTERED PROFESSIONAL SURVEYOR

TERRA PROJECT NO. 2019-092



STANDARD GRADING NOTE: THE MAXIMUM GRADED SIDE SLOPE SHALL NOT EXCEED 3 FEET (HORIZONTALLY) TO 1 FOOT (VERTICALLY). AREAS DISTURBED BY GRADING WHICH WILL NOT BE TREATED WITH LANDSCAPING SHALL BE SEED.

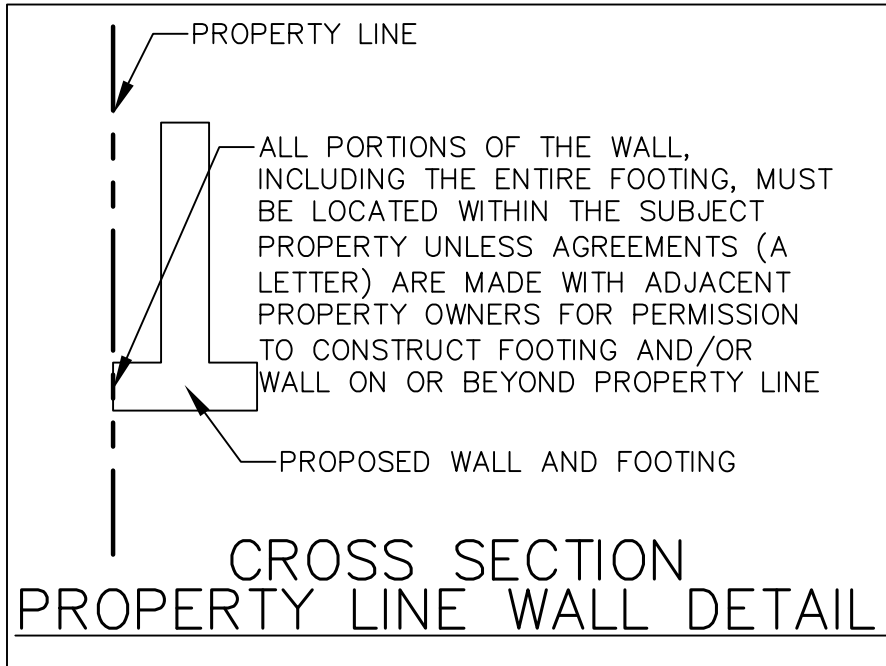
STANDARD WALL AND PAD CERTIFICATION NOTES:

ALL PERMITER GARDEN WALLS SHALL BE PERMITTED SEPARATELY.

A PAD CERTIFICATION IS REQUIRED BEFORE THE BUILDING PERMIT IS RELEASED.

This is the plan to be used for any garden walls and any openings in the walls shall be placed 3" above final grade in the rear yard to allow for cross lot drainage from west to east (upstream to downstream).

PROPERTY LINE WALLS AND GARDEN WALLS SHALL HAVE TURNED BLOCKS OR WEEP HOLES FOR DRAINAGE. ALL OPENINGS IN THE WALLS SHALL BE 3" ABOVE GRADE.



DRAINAGE PLAN

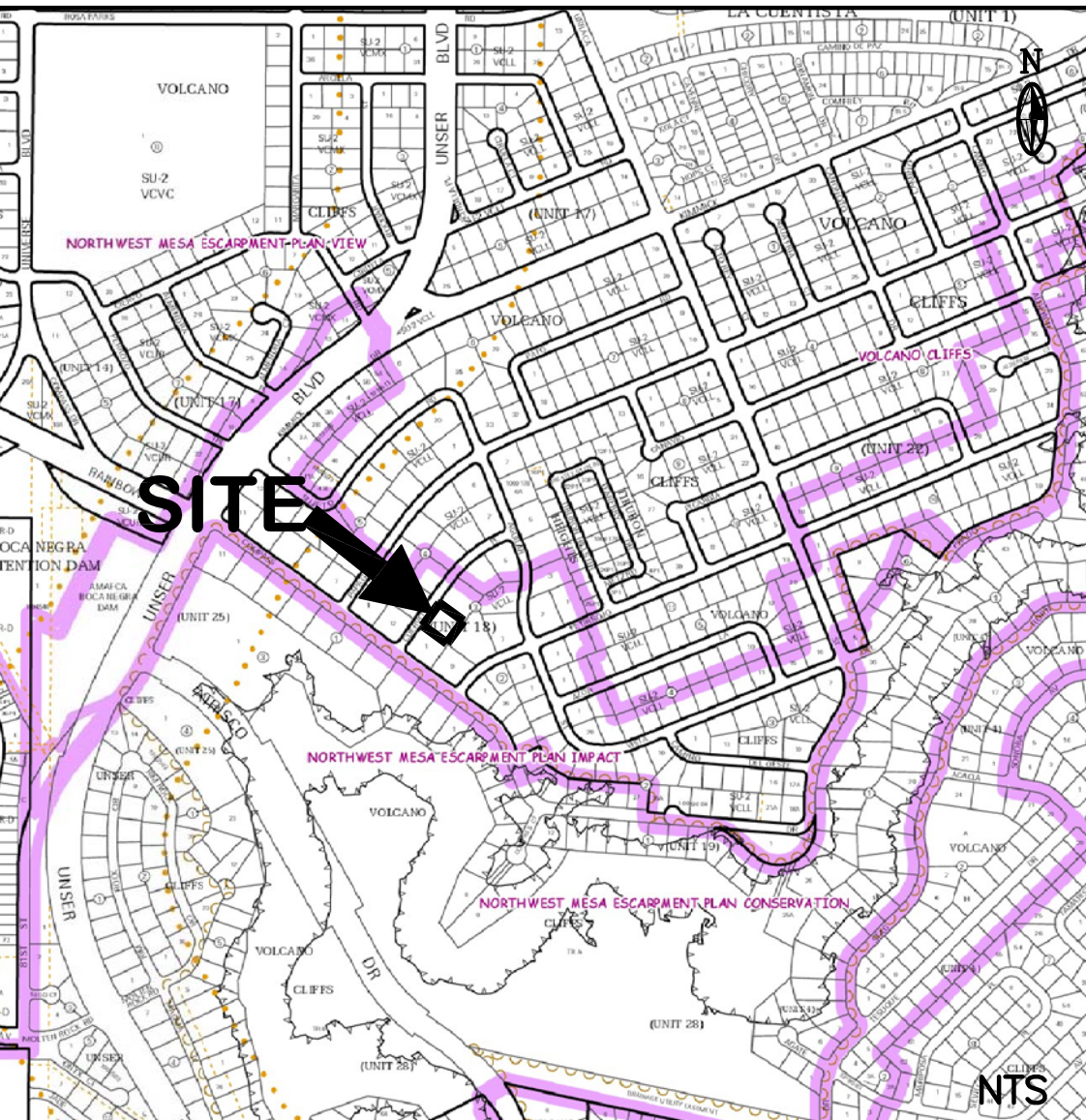
SCOPE:

Pursuant to the latest City of Albuquerque and Bernalillo County Ordinances, the Drainage Plan shown hereon outlines the drainage management criteria for controlling developed runoff on and exiting the project site. A single family home is proposed for the site with associated parking, access, landscaping, and utility improvements.

EXISTING CONDITIONS:



FEMA FLOODWAY MAP PANEL #111G



VICINITY MAP ZONE ATLAS D-10

LEGEND

EXISTING	PROPOSED
CONTOUR	6045
PROPERTY LINE	
ROAD	
SETBACK	
RETAINING WALL/WALL	
POT ELEVATION	

SURVEY LEGEND

- FOUND CONTROL MONUMENT (AS NOTED)
- FOUND REBAR (AS NOTED)
- FOUND CHISELED "X" (AS NOTED)
- SET 1/2" REBAR W/CAP STAMPED
- "CA MEDINA PS 15702" (UNLESS OTHERWISE NOTED)
- ELECTRIC BOX
- WATER METER
- TRANSFORMER
- TELEPHONE PEDESTAL
- CABLE TV
- CLEANOUT
- SHAWNTY SEWER MANHOLE
- SPOT ELEVATION
- APPARENT PROPERTY LINE PER RECORD PLAT
- CONCRETE HATCH

NOTES:

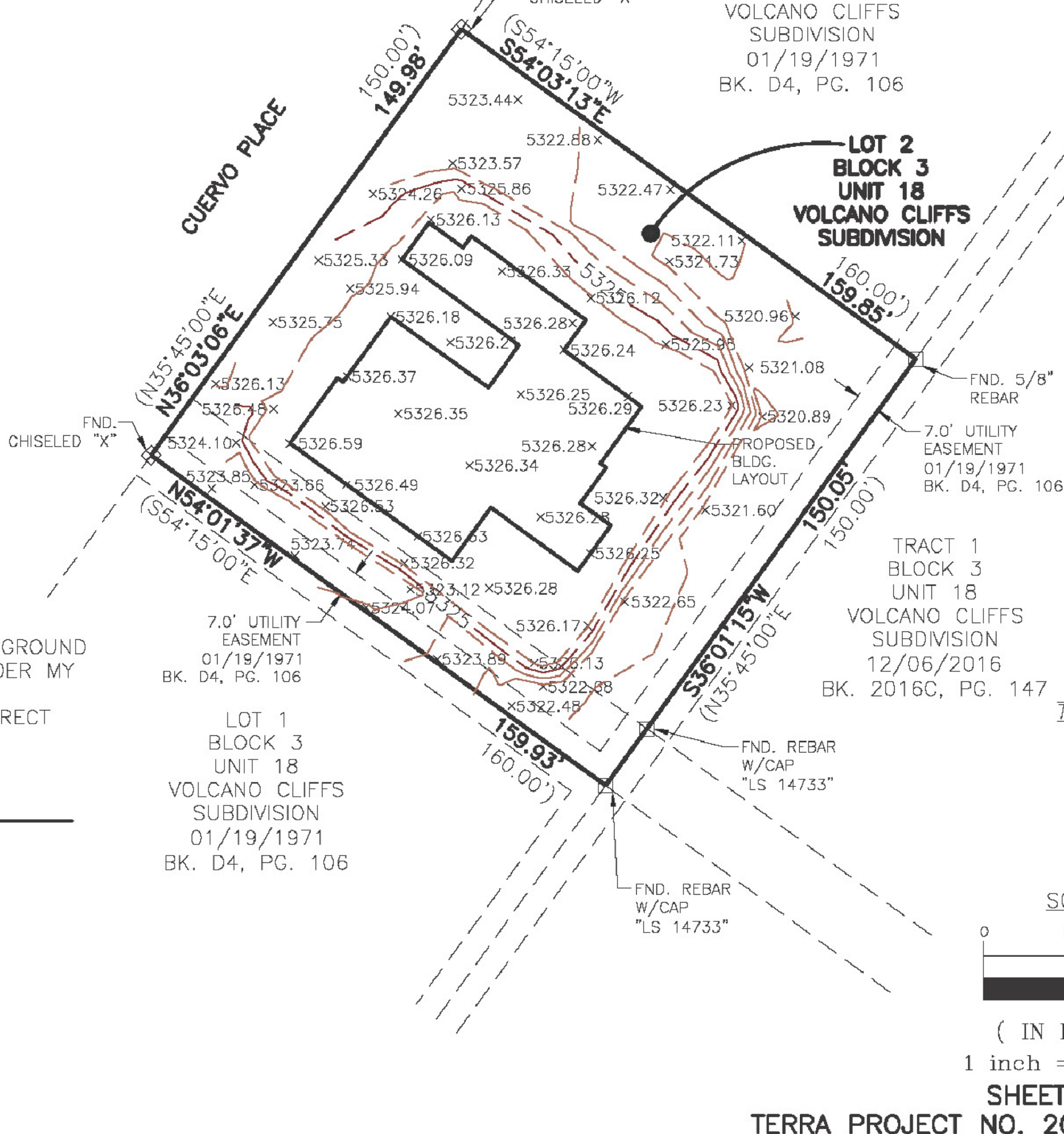
- FIELD SURVEY PERFORMED ON NOVEMBER 2019.
- ALL DISTANCES SHOWN ARE GROUND DISTANCES.
- BASIS OF BEARINGS IS STATE PLANE NAD 83 NM CENTRAL ZONE USING USGLO SECTION CORNER "S21, S22, S28, S27, T11, R2E, 1911".
- ELEVATIONS REFERENCED TO NAVD 88 VERTICAL DATUM. PROJECT BENCHMARK IS USGLO SECTION CORNER "S21, S22, S28, S27, T11, R2E, 1911" EL.=5,330.151 FEET.
- THIS IS NOT A BOUNDARY SURVEY. BOUNDARY INFORMATION SHOWN TAKEN FROM RECORD PLAT AND SHOWN FOR ORIENTATION ONLY.

LEGEND

- FOUND REBAR (AS NOTED)
- FOUND CHISELED "X" (AS NOTED)
- SPOT ELEVATION
- APPARENT PROPERTY LINE PER RECORD PLAT

PAD CERTIFICATE

LOT 2
BLOCK 3
VOLCANO CLIFFS
UNIT 18
6612 CUERVO PLACE NW



SURVEYOR'S CERTIFICATION:

I, CHRISTOPHER A. MEDINA, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15702, DO HEREBY CERTIFY THAT THIS TOPOGRAPHIC SURVEY AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND IS CORRECT AND TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

Christopher A. Medina
CHRISTOPHER A. MEDINA, NMPLS NO. 15702

NOVEMBER 19, 2019
DATE



SURVEY NOTES:

LEGAL DESCRIPTION

LOT 2, BLOCK 3, UNIT 18, VOLCANO CLIFFS

PROJECT LOCATION

6612 CUERVO PLACE NORTHWEST, ALBUQUERQUE, NEW MEXICO

SURVEY INFORMATION

TOPOGRAPHIC SURVEY PERFORMED AND COMPILED BY TERRA LAND SURVEYS, LLC, CORRALES, NEW MEXICO OCTOBER 2019.

PROJECT BENCHMARK

PROJECT BENCHMARK IS A USGLO SECTION CORNER DISC SET IN A 12 INCH CONCRETE POST POURED AROUND THE ORIGINAL IRON PIPE 1 FOOT ABOVE GROUND STAMPED, "S21, S22, S28, S27, T11, R2E, 1911" TO REACH THE STATION BENCHMARK FROM THE INTERSECTION OF MONTANO ROAD AND UNTER BOULEVARD NORTHWEST, TRAVEL NORTHWEST ON UNTER BOULEVARD 0.78 MILES TO MOLTEN ROCK ROAD, NORTHWEST, TURN LEFT AND TRAVEL 320 FEET TO 81ST STREET NORTHWEST AND THE STATION IS LOCATED ON THE SOUTHEAST QUADRANT OF THE INTERSECTION. ELEVATION = 5,330.151 FEET.

TEMPORARY BENCHMARK

TEMPORARY BENCHMARK IS CP 110 A SET 1/2 INCH REBAR WITH CAP STAMPED "TERRA CONTROL," ELEVATION=5,326.37 FEET (NAVD 1988 VERTICAL DATUM).

NOTES

1. FIELD SURVEY PERFORMED IN OCTOBER 2019.

2. TOPOGRAPHIC SURVEY WAS COMPILED UTILIZING GROUND COORDINATES REFERENCED TO THE NAD 83 NEW MEXICO CENTRAL ZONE COORDINATE SYSTEM. PRIMARY HORIZONTAL AND VERTICAL CONTROL WAS ESTABLISHED UTILIZING GPS RTK METHODS (COMBINED GROUND TO GRID FACTOR = 0.999671106 SCALED AROUND 0.0).

3. ELEVATIONS SHOWN FOR PIPES ARE INVERT ELEVATIONS UNLESS OTHERWISE SPECIFIED.

4. CONTOURS SHOWN HEREON ARE AT A ONE FOOT INTERVAL REFERENCED TO THE NAVD 88 VERTICAL DATUM.

GENERAL DRAINAGE PLAN NOTES:

- It is recommended that the Owner obtain on-site soils prior to foundation/structural.
- This plan recommends positive drainage, prohibit ponding of runoff adjacent to the structures are not the grades next to the structures are not.
- Irrigation within 10 feet of any proposed irrigation water adjacent to the structures.
- This plan establishes on-site drainage or subsurface analysis, foundation or structural.
- Local codes may require all footings to be soil. If the contractor plans to place footing certification by a registered Professional Engineer.
- It is recommended that the Owner obtain Engineer to test and inspect all earthwork.
- The property boundary shown on this plan describe the project limits. Property boundary does not constitute a boundary survey.
- All work shall be constructed in accordance with Standard Specifications for Public Works Construction.
- All work on this project shall be performed in accordance with Federal, State, and Local laws, rules, and regulations for safety and health.
- Contact shall ensure that no site soil is disturbed during construction.
- Areas disturbed due to construction shall be seeded in accordance with Albuquerque Spec. 1012 native seed mix.



rev. 10-28-19
10-29-19 Type C added
PAD CERTIF. 11-19-19

ENGINEER'S CERTIFICATION:

I, Jackie S. McDowell, hereby certify that I personally inspected the site shown on this plan on October 17, 2019 and as of that date it appeared that no filling, grading, or excavation had occurred thereon since completion of the topographic survey used to prepare this plan.

6612 CUERVO PL. NW, ALBUQUERQUE, NM 87120

CITY OF ALBUQUERQUE, BERNALILLO COUNTY NEW MEXICO

LOT 2, BLOCK 3, UNIT 18
VOLCANO CLIFFS SUBDIVISION

JOHNSON (MIKE SANCHEZ) - 6612 CUERVO GRADING & DRAINAGE PLAN

McDowell Engineering, Inc.
7820 BEVERLY HILLS AVE. NE ALBUQUERQUE, NM 87122
TELE: 505-828-2430 FAX: 505-821-4857

Designed JSM Drawn STAFF Checked JSM Sheet of
File JOH0119L Date OCTOBER,2019 1 1

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

October 29, 2019

Jackie McDowell, PE
McDowell Engineering, Inc.
7820 Beverly Hills Ave NE
Albuquerque, NM 87121

RE: **Lot 2 Block 3 Unit 18, S.A.D. 228
Volcano Cliffs Subdivision
6612 Cuervo Pl. NW
Grading and Drainage Plan
Engineers Stamp Date 10/28/19 (D10D003S2)**

Dear Ms. McDowell,

Based upon the information provided in your submittal received 10/29/19, this plan is approved for Grading Permit.

PO Box 1293

Prior to Building permit approval a Pad Certification will be required, provided by the Engineer or a registered Land Surveyor.

Albuquerque

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

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 dated 10/28/19.

www.cabq.gov

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

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

Sincerely,

Shahab Biazar, P.E.
City Engineer, Planning
Division Manager

RR/SB
C: D10S003S2