

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

June 15, 2018

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

**RE: Lot 3 Block 5 Unit 18, S.A.D. 227 Unser Cliffs Subdivision
6516 Onyx Ct NW Grading and Drainage Plan
Engineers Stamp Date: 4/10/18 (D10D044)
Pad Certification Date: 6/13/18**

Dear Ms. McDowell,

Based upon the information provided in your submittal received 6/14/18, this plan is approved for Building Permit.

PO Box 1293

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.

Albuquerque

Reiterate to the Owner/Contractor that a separate permit for any garden/retaining wall must be obtained, with the approved G&D plan dated 4/10/18.

NM 87103

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist of this plan will be required. A fee of \$75.00 will be charged for this certification. If an additional resubmittal is required a \$75.00 fee for each resubmittal will be charged.

www.cabq.gov

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

Sincerely,

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

RR/DP
C: File D10D044

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

April 16, 2018

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

RE: **Lot 3 Block 5, S.A.D. 227**
Unser Cliffs Subdivision
6516 Onyx Ct. NW
Grading and Drainage Plan
Engineers Stamp Date 4-10-18 (E10D044)

Dear Ms. McDowell,

Based upon the information provided in your submittal received 4/11/18, 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.

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.

Reiterate to the Owner/Contractor that a separate permit for a garden/retaining wall must be obtained, with the approved G&D plan dated 4/10/18.

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 924-3986 or Rudy Rael at 924-3977.

Sincerely,

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

RR/JDH
C: File



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

E10D044

Project Title: _____ Building Permit #: _____ City Drainage #: _____

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

Legal Description: _____

City Address: _____

Engineering Firm: _____ Contact: _____

Address: _____

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

Owner: _____ Contact: _____

Address: _____

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

Architect: _____ Contact: _____

Address: _____

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

Surveyor: _____ Contact: _____

Address: _____

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

Contractor: _____ Contact: _____

Address: _____

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

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY) **PAD CERTIFICATION**

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY) **PAD CERTIFICATION**

WAS A PRE-DESIGN CONFERENCE ATTENDED: _____ Yes _____ No _____ Copy Provided

DATE SUBMITTED: _____ By: _____

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development

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 (adjacent to downhill).

PROPERTY LINE WALLS AND GARDEN WALLS SHALL HAVE TURNED BLOCK OR WEIR HOLES FOR DRAINAGE.

ALL OPENINGS IN THE WALLS SHALL BE 3" ABOVE GRADE

1. It is recommended that the Owner obtain a Geotechnical Evaluation of the on-site soils prior to foundation/structured design.
2. This plan recommends suitable drainage away from the foundation to protect the building and the surrounding area. The drainage system shall be designed to prevent water ponding at or near the foundation.
3. Irigation with 1/2 feet of dry proposed structure is not recommended. Irrigation water exposed to the structure could cause corrosion.
4. Local roads are not recommended for subsurface foundation or structure design of utility design.
5. Local roads are not recommended for subsurface foundation or structure design of utility design.
6. Contractor plans to place subsurface on engineered fill, a verification by a registered professional Engineer is required.
7. The project shall comply with the services of a Geotechnical Engineer to test the soil and report on the results of the test.
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12. The project shall comply with the services of a Geotechnical Engineer to test the soil and report on the results of the test.

Pursuant to the latest City of Albuquerque and Bernalillo County Ordinances, the Discharge Plan shown herein outlines the discharge 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.

Presently, the 0.39 acre site is undeveloped. The site is bounded on the northeast and southeast by private property, on the southwest by Hwy. 61, and on the northeast by Unstar Blvd., NW. The site is level. As shown on FEMA Panel #111C, the site is not located in a 100 year flood plain.

Per the SUD 227 Deniroge Report by Weiss & Company, drainage from the lots is directed to the street by means of a 12" diameter storm drain. The drainage properties for developments from 10 to not exceed 35% impervious, which the building is located in the center lot. On-site storm water enters the site due to existing grades on adjacent lots. On-site flows will drain around the structure to existing roads. All roof drainage will discharge from the roof to the lot and be directed around the structure to the drainage paths.

Supplemental calculations were shown as part of this Grading and Deniroge plan.

The calculations shown herein define the 100-year-6-hour design storm falling within the project area under existing and developed conditions. The hydrology is per Section 22.2, Hydrology of the Development Process Manual, Volume 2, Design Criteria, for the City of Albuquerque. New Mexico in cooperation with Bernalillo County, New Mexico and the Albuquerque Metropolitan Agency Flood Control Authority.

6516 Onyx CT.NW

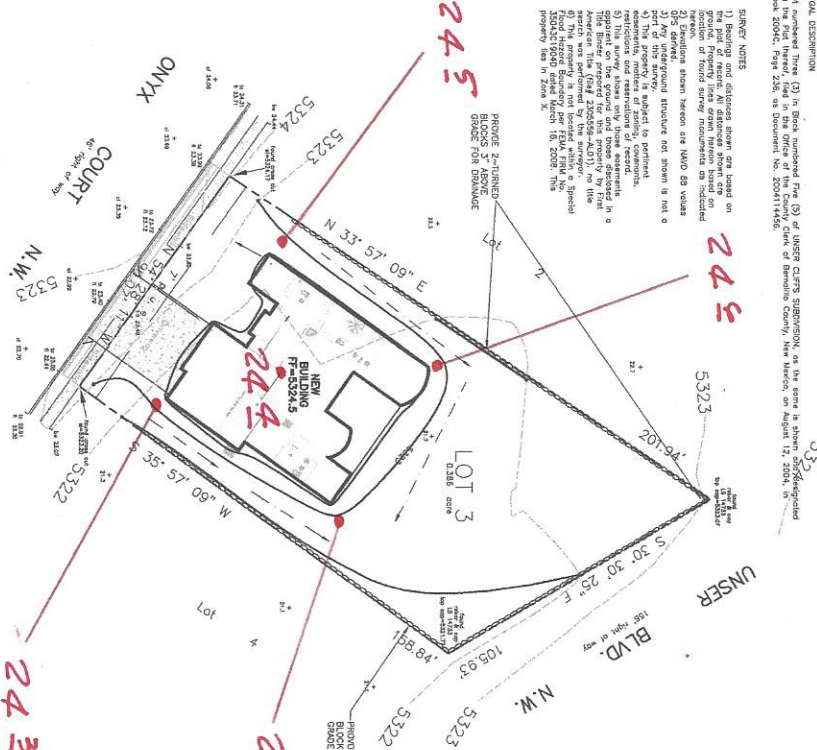
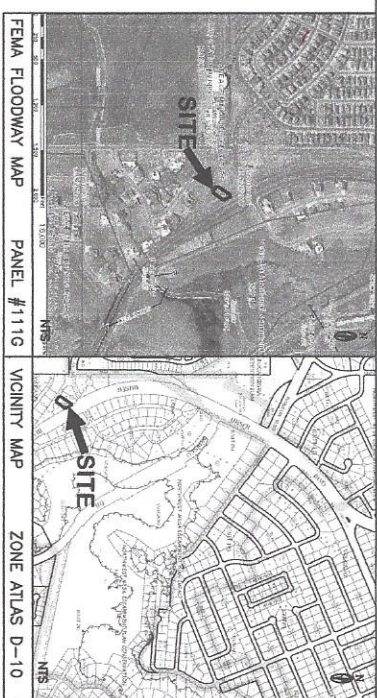
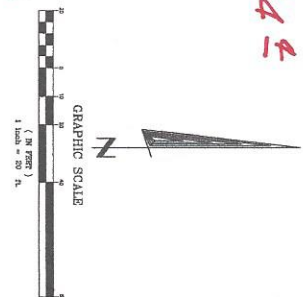
TOPOGRAPHY:

Topographic information provided by Christopher Dehler dated March, 2018.

LEGAL DESCRIPTION

Lot numbered Three(3) in Block numbered Five (5) of UNSER CLIFFS SUBDIVISION, as the same is shown on a Resubdivided Plat thereof, filed in the Office of the County Clerk of Bernillo County, New Mexico, on August 12, 2004, in Book 2004C, Page 236, as Document No. 2004114456.

SURVEY NOTE

[illegible][illegible]

P4047.CEET.



CITY OF ALBUQUERQUE, BERNALILLO COUNTY
NUN, MEXICO

LOT 3, BLOCK 5
UNSER CLIFFS SUBDIVISION

LAND - GRADING & DRAINAGE PLAN

McDowell Engineering, Inc.
7820 BENTLEY HILLS AVE., N.E.
ALBUQUERQUE, NM 87122
(505) 262-5555 • FAX (505) 262-5555

ASIN	From	Sheet	of
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