CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



July 12, 2018

Don Briggs, P.E. Don Briggs Engineering, LLC 5324 Oakledge Ct NW Albuquerque, NM, 87120

RE: 6428 Dennison Rd SW

Grading Plan

Engineer's Stamp Date: 6/26/18

Hydrology File: K11D087

Dear Mr. Briggs,

Based on the submittal received 6/26/18, the Grading Plan is approved for Building Permit.

PO Box 1293

Prior to Certificate of Occupancy:

Albuquerque

1. Engineer's Certification, per the DPM Chapter 22.7: *Engineer's Certification Checklist For Non-Subdivision* is required.

If you have any questions, please contact me at 924-3695 or dpeterson@cabq.gov.

NM 87103

Sincerely,

www.cabq.gov

Dana Peterson, P.E.

Senior Engineer, Planning Dept. Development Review Services



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 3/2018)

| Project Title: 6428 Dennison SW | Building Permit #: BP2018-10308 | Hydrology File #: |
|--|---|---|
| DRB#: | | |
| Legal Description: Lot 3 C Alamosa Addition | | |
| City Address: 6428 Dennison Rd. SW | | |
| | | |
| | | Contact: Don Briggs |
| Address: 5324 Oakledge Ct. NW, Albuquerque, NM | 87120 | |
| Phone#: 505-249-4843 | Fax#: | E-mail: donbriggsengineering@gmail.com |
| Other Contact: Raphael Rodriguez | | Contact: |
| Address: | | |
| | Fax#: | E-mail: rhomedesigns@aol.com |
| Check all that Apply: DEPARTMENT: | IS THIS A RESUBMI | TTAL?:Yes XNo |
| X HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION | | AL/ACCEPTANCE SOUGHT: |
| IRAPPIC/ IRANSI ORTATION | X BUILDING PER | |
| TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTICATION PAD CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT FLOODPLAIN DEVELOPMENT PERMIT A ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL TRAFFIC IMPACT STUDY (TIS) OTHER (SPECIFY) PRE-DESIGN MEETING? | SITE PLAN FOR SITE PLAN FOR SITE PLAN FOR FINAL PLAT A APPLIC SIA/ RELEASE FOUNDATION X GRADING PER SO-19 APPROV PAVING PERM GRADING/ PAD WORK ORDER A CLOMR/LOMR FLOODPLAIN I | PLAT APPROVAL R SUB'D APPROVAL R BLDG. PERMIT APPROVAL PPROVAL OF FINANCIAL GUARANTEE PERMIT APPROVAL MIT APPROVAL J'AL IIT APPROVAL O CERTIFICATION APPROVAL |
| DATE SUBMITTED: 6/38/18 | By: | rigge |
| COA STAFF: | ELECTRONIC SUBMITTAL RECEIVED: | |

FEE PAID:

CLRD=5016.71 X CLRD=5016.78 X CLRD=5017.31 X CLRD=5017.43 X EC=5017.24 X /EC=5017.41 EC=5017.42 EC=5017.54 XEC=5017.61 EC=5017.68 X EC=5017.76 X EC=5017.84 X G=5017.25 X G=5017.30 FF=5017.7 XG=5017.39 X G=5017.32 - NEW 5' WOOD PERIMITER FENCE XG=5017.43 XG=5017.50 G=5017.38 X G=5017.39 CLRW=5017.45 CLRW=5017.47 LOT 3 BLOCK "C" VACANT LAND <u>0.1400</u> ACRES

GENERAL NOTES

Contractor is responsible for utility spots and controlling sediment deposition and erosion duriing construction.

A concrete washout bin must be provided as per COA MS4 Permit requirements

Topographic survey provided by The Survey Office.

SURVEY NOTES

1: CONTOUR INTERVAL IS ONE (1) FOOT.

SCALE 1" = 10'

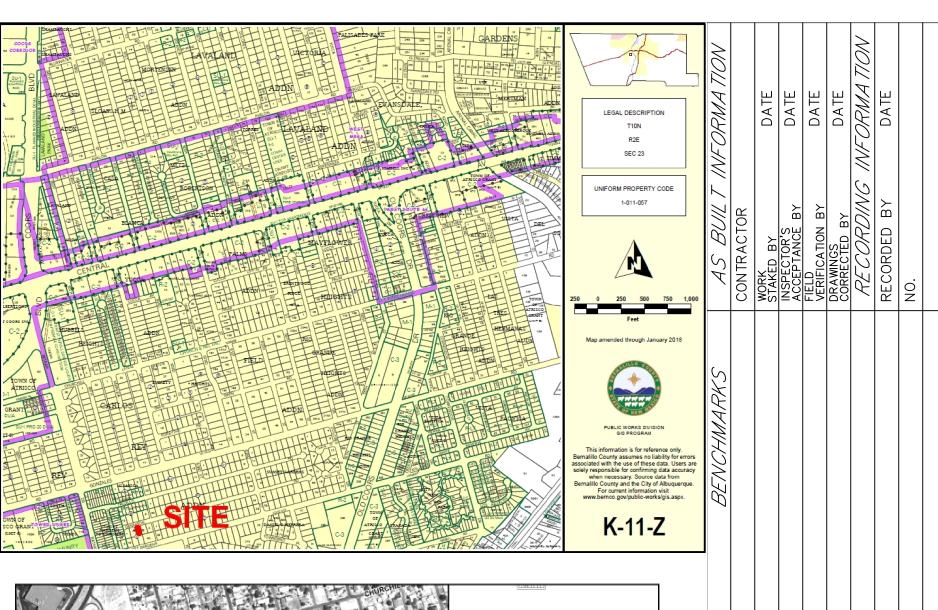
- 2: ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE STATION No. "11_K10", HAVING AN ELEVATION OF 5046.073, NAVD 1988
- 3: UTILITIES SHOWN HEREON ARE IN THEIR APPROXIMATE LOCATION BASED ONLY ON ABOVE GROUND EVIDENCE FOUND IN THE FIELD AND AS-BUILT INFORMATION PROVIDED BY THE CLIENT. UTILITIES SHOWN HEREON, WHETHER INDICATED AS ABANDONED OR NOT, SHALL BE VERIFIED BY OTHERS FOR EXACT LOCATION AND/ OR DEPTH PRIOR TO EXCAVATION OR DESIGN CONSIDERATIONS.
- 4: THIS IS <u>NO</u>TA BOUNDARY SURVEY. APPARENT PROPERTY CORNERS AND PROPERTY LINES ARE SHOWN FOR INFORMATION ONLY. BOUNDARY DATA SHOWN IS FROM PREVIOUS SURVEY REFERENCE HEREON

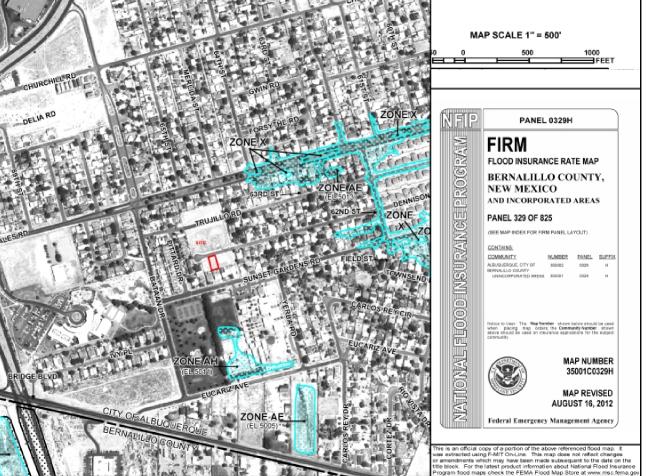
DRAINAGE NARATIVE

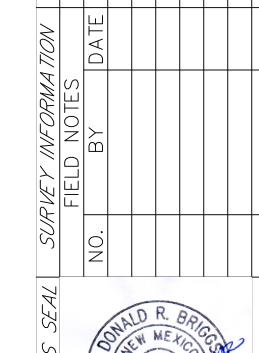
This property is located in DPM precipitation ZONE 1. Review of adjacent grading & drainage plans with Hydrology staff indicates there is no downstream capacity to accept developed flows. This plan uses a flat grading scheme to provide retention of the 100yr. 10day rainfall event.

Hydrology calculations are provided for the existing and developed conditions along with retention volume calculations. The abreviated method presented in Chapter 22.2, Section A was used to determine runoff rates.











6428 DENNISON SW Precipitation Zone 1 100 yr 6 hr Storm 0.14 ac. Basin Area = 6098.4 sq ft Determined by DB Natural Ground Landscaped Areas Compacted earth Landscaped Areas Compacted earth ADDITIONAL 100YR 10DAY VOLUME FULL RETENTION 10 day PONDING REQUIREMENT = POND BOTTOM AREA POND TOP AREA 2581 sq ft

2233.5 sq ft 0.43 ft

0.5 ft

POND AVERAGE AREA

REQUIRED PONDING DEPTH SUPPLIED PONDING DEPTH Hydrology Calculations

