

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Interim Director



Mayor Timothy M. Keller

February 11, 2022

Jeffrey T. Wooten, P.E.
Wooten Engineering
PO Box 15814
Rio Rancho, NM 87174

**RE: Dions – Ventana Square
Grading & Drainage Plan
Engineer's Stamp Date: 11/30/21
Hydrology File: B10D003H**

Dear Mr. Wooten:

Based upon the information provided in your submittal received 01/07/2022, the Grading & Drainage Plan is approved for Building Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

PO Box 1293

PRIOR TO CERTIFICATE OF OCCUPANCY:

Albuquerque

1. Engineer's Certification, per the DPM Part 6-14 (F): *Engineer's Certification Checklist For Non-Subdivision* is required.

NM 87103

2. Please provide the Drainage Covenant with Exhibit A for the stormwater quality ponds per Article 6-15(C) of the DPM prior to Permanent Release of Occupancy. Please submit the original copies along with the \$ 25.00 recording fee check made payable to Bernalillo County to Marion G. Velasquez (mgvelasquez@cabq.gov) on the 4th floor of Plaza de Sol.

www.cabq.gov

As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov, 924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11-2018)

Project Title: Dions **Building Permit #:** _____ **Hydrology File #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: Tract H-7, Ventana Square at Ventana Ranch
City Address: Not Yet Assigned

Applicant: Wooten Engineering **Contact:** Jeffrey T. Wooten, P.E.
Address: PO Box 15814, Rio Rancho, NM 87174
Phone#: 505-980-3560 **Fax#:** N/A **E-mail:** jeffwooten.pe@gmail.com

Owner: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

TYPE OF SUBMITTAL: _____ PLAT (____ # OF LOTS) _____ RESIDENCE _____ DRB SITE ☒ ADMIN SITE

IS THIS A RESUBMITTAL?: _____ Yes ☒ No

DEPARTMENT: _____ TRAFFIC/ TRANSPORTATION ☒ HYDROLOGY/ DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- ☐ ENGINEER/ARCHITECT CERTIFICATION
- ☐ PAD CERTIFICATION
- ☐ CONCEPTUAL G & D PLAN
- ☒ GRADING PLAN
- ☐ DRAINAGE MASTER PLAN
- ☐ DRAINAGE REPORT
- ☐ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- ☐ ELEVATION CERTIFICATE
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ TRAFFIC IMPACT STUDY (TIS)
- ☐ OTHER (SPECIFY) _____
- ☐ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

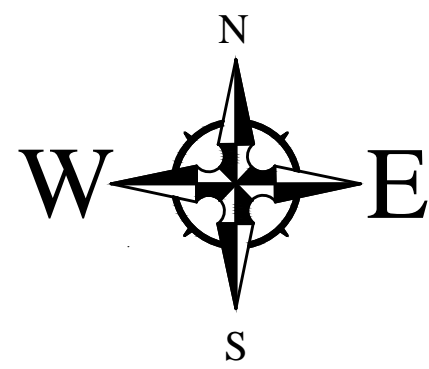
- ☒ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ SITE PLAN FOR SUB'D APPROVAL
- ☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ SO-19 APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ GRADING/ PAD CERTIFICATION
- ☐ WORK ORDER APPROVAL
- ☐ CLOMR/LOMR
- ☐ FLOODPLAIN DEVELOPMENT PERMIT
- ☐ OTHER (SPECIFY) _____

DATE SUBMITTED: January 7, 2022 **By:** Jeffrey T. Wooten, P.E.

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____



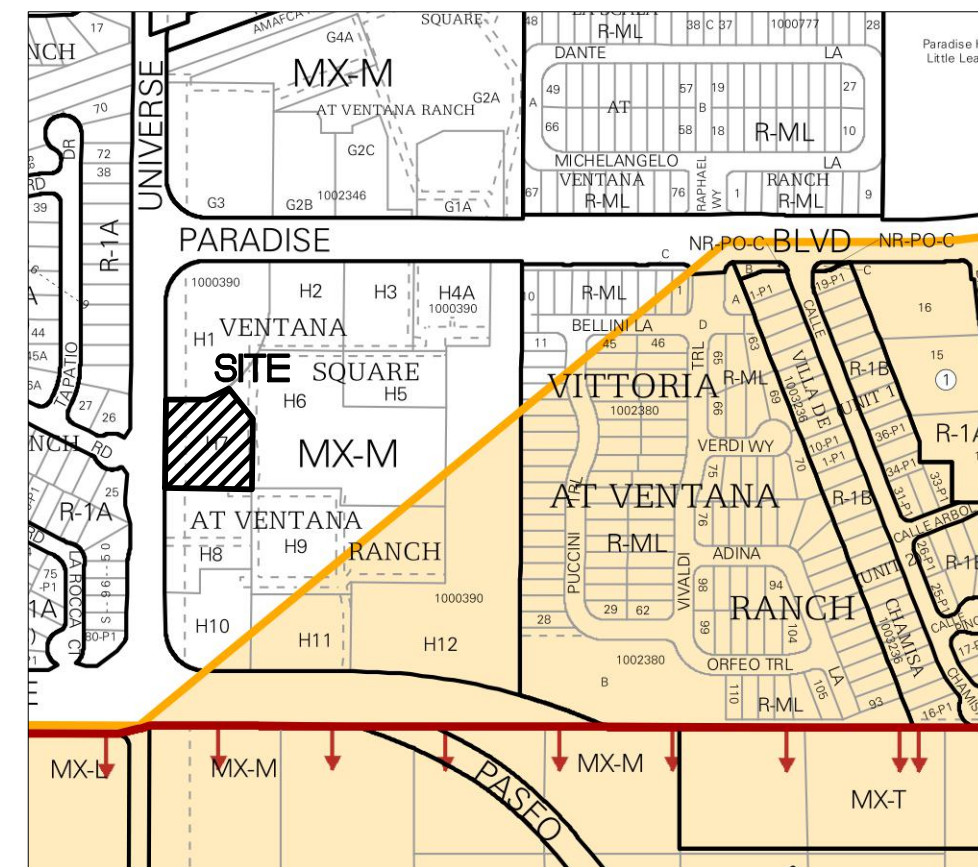
20' 10' 0' 20'
SCALE: 1"=20'

CAUTION - NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.



- LEGEND**
- FLOW ARROW
 - 27.8 PROPOSED TOP OF GRADE/PVMT ELEVATIONS
 - FL27.8 PROPOSED FLOW LINE/GUTTER ELEVATIONS
 - TC27.8 PROPOSED TOP OF CURB ELEVATIONS
 - TS27.8 PROPOSED TOP OF SIDEWALK ELEVATION
 - FGH83.40 FINISHED GRADE AT TOP OF WALL
 - FGL83.40 FINISHED GRADE AT BOTTOM OF WALL
 - 515 EXISTING CONTOUR
 - 515 PROPOSED CONTOUR
 - EXISTING STORM DRAIN



VICINITY MAP

LEGAL DESCRIPTION:

Tract H-7, Ventana Square at Ventana Ranch, 1.0953 Acres.



FIRM MAP 35001C0103H

Per FIRM Map 35001C0103H, dated August 16, 2012, the site is not located in the Floodplain and determined to be outside the 0.2% chance Annual Floodplain.

DRAINAGE MANAGEMENT PLAN

INTRODUCTION

The purpose of this submittal is to provide a final grading plan for the subject site located on Tract H-7, Ventana Square near the NEC of Paseo Del Norte Blvd and Universe Blvd in Albuquerque, NM. The overall development contains approximately 1.38 acres. The site was previously undeveloped and is now being developed into a new Dions Restaurant building. The recently approved Drainage Report for the Master Planned Development can be found in Hydrology File B10/D003C3 and was prepared by Thompson Engineering Consultants, Inc.

EXISTING HYDROLOGIC CONDITIONS

The site currently drains from northwest to southeast and into an existing drainage pond on the north side of Paseo Del Norte Blvd. This pond is being improved by the aforementioned Drainage Report by Thompson Engineering Consultants, Inc.

PROPOSED HYDROLOGIC CONDITIONS

The proposed Dions Restaurant site will continue to drain from northwest to southeast and into the improved pond proposed by the Thompson Engineering Consultants, Inc. report. All drainage is via surface flow; however, we are proposing to implement new Stormwater Quality Ponds within the Dions Restaurant property that will not only help to capture pollutants, they will also still the stormwater flows exiting the site.

CONCLUSION

This drainage management plan conforms to the approved Drainage Report prepared by Thompson Engineering Consultants, Inc. and with the City of Albuquerque DPM. With this submittal, we are requesting Building Permit approval.

STORMWATER QUALITY POND CALCULATIONS

BASIN A-1

TOTAL NEW IMPERVIOUS AREAS = 3,377 SF
SWQ VOLUME REQ'D = $3,377 \times 0.42' / 12 = 118$ CF
TOTAL VOLUME PROVIDED = **990 CF**

BASIN A-2

TOTAL NEW IMPERVIOUS AREAS = 10,884 SF
SWQ VOLUME REQ'D = $10,884 \times 0.42' / 12 = 381$ CF
TOTAL VOLUME PROVIDED = **450 CF**

BASIN A-3

TOTAL NEW IMPERVIOUS AREA = 24,159 SF
FIRST FLUSH = $24,159 \times 0.42' / 12 = 846$ CF
TOTAL VOLUME PROVIDED = **860 CF**

NOTE: ALL VALLEY GUTTERS SHALL BE FORMED & PLACED PRIOR TO ASPHALT PAVEMENT PLACEMENT TO ENSURE ADEQUATE SLOPES ARE ACHIEVED.

NO WORK SHALL BE PERFORMED IN THE PUBLIC RIGHT-OF-WAY WITHOUT AN APPROVED WORK ORDER OR EXCAVATION PERMIT.

GRADING NOTES

- EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.
- ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION," AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
- EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.
- THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS OR SILT FENCE AT THE PROPERTY LINES AND WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.
- A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- PAVING AND ROADWAY GRADES SHALL BE $\pm 0.05'$ FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE $\pm 0.05'$ FROM BUILDING PLAN ELEVATION.
- ALL PROPOSED CONTOURS AND SPOT ELEVATIONS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR PAVEMENT, MEDIANS, AND ISLANDS.
- VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION (IF APPLICABLE) PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE THE SWPPP DOCUMENT (IF NECESSARY) AND SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.

| Post-Developed Drainage Calculations | | | | | | | | | | |
|--|----------------|------------|----------------------------|------|-------|-------|------------------|--------------|--------------|------------------------------|
| Ultimate Development Conditions Basin Data Table | | | | | | | | | | |
| This table is based on the COA DPM Section 6, Zone 1 | | | | | | | | | | |
| BASIN | Area (SQ. FT.) | Area (AC.) | Land Treatment Percentages | | | | Q(100) (cfs/ac.) | Q(100) (CFS) | WTE (Inches) | V(100) _{24hr} (CF) |
| | | | A | B | C | D | | | | V(100) _{144hr} (CF) |
| A-1 | 6105 | 0.14 | 0.0% | 0.0% | 40.0% | 60.0% | 3.77 | 0.53 | 1.58 | 803 |
| A-2 | 12978 | 0.30 | 0.0% | 0.0% | 16.0% | 84.0% | 4.13 | 1.23 | 1.81 | 1961 |
| A-3 | 29324 | 0.67 | 0.0% | 0.0% | 17.0% | 83.0% | 4.12 | 2.77 | 1.80 | 4407 |
| TOTAL | 48407 | 1.11 | | | | | 4.53 | | | 7171 |

BENCH MARK

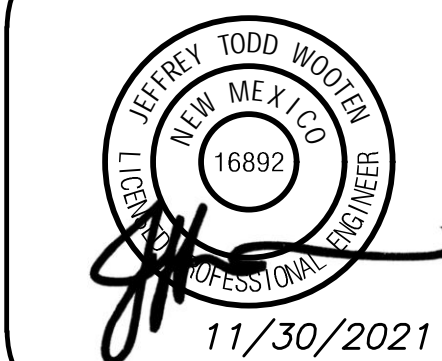
ACS MONUMENT 13-B10

PUB. EL=5424.81 NAVD 1988

Dions Restaurant
NEQ Paseo Del Norte & Universe
Albuquerque, NM 87114

Grading Plan

C-100



Wooten Engineering
PO Box 15814
Rio Rancho, NM 87174
Phone: (505) 980-3560

