

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

October 22, 2021

Jeffery Wooten, P.E.
Wooten Engineering
1005 21st St SE, Suite A5
Rio Rancho, NM 87124

**Re: Route 66 Vet Clinic
 3601 Central Ave. NE
 Request for Certificate of Occupancy - Permanent
 Grading and Drainage Plan Stamp Date: 5/25/21
 Certification dated: 10/18/21
 Drainage File: K17D064**

PO Box 1293

Dear Mr. Wooten,
Based on the Certification received 10/18/21 and site visit 10/22/21, this certification is approved in support of Permanent Certificate of Occupancy by Hydrology.

Albuquerque

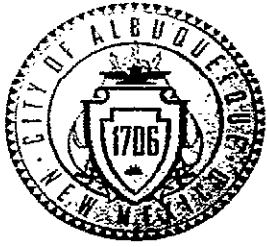
If you have any questions, you can contact me at 924-3986 or earmijo@cabq.gov.

NM 87103

Sincerely,

www.cabq.gov

Ernest Armijo, P.E.
Principal Engineer, Planning Dept.
Development Review Services



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11-2018)

Project Title: Route 66 Vet Clinic **Building Permit #:** _____ **Hydrology File #:** K17-D064
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: Tract A-1 and Lots 10-12, Block 1, College View Business Addition
City Address: 3601 Central Ave NE

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: October 18, 2021 **By:** Jeffrey T. Wooten, P.E.

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

Existing Drainage Calculations												
This table is based on the COA DPM Chapter 6.2, Zone: 2												
BASIN	Area (SQ. FT)	Area (AC.)	Land Treatment Percentages				Q(100) (cfs/ac.)	Q(100) (CFS)	WT E (inches)	V(100) ₃₆₀ (CF)	V(100) ₁₄₄₀ (CF)	V(100) _{10day} (CF)
SITE	31379	0.72	0.0%	0.0%	25.0%	75.0%	4.31	3.10	1.87	4896	5681	8034
TOTAL	31379	0.72						3.10		4896	5681	8034

Proposed Drainage Calculations												
Ultimate Development Conditions Basin Data Table												
This table is based on the COA DPM Chapter 6.2, Zone: 2												
BASIN	Area (SQ. FT)	Area (AC.)	Land Treatment Percentages				Q(100) (cfs/ac.)	Q(100) (CFS)	WT E (inches)	V(100) ₃₆₀ (CF)	V(100) ₁₄₄₀ (CF)	V(100) _{10day} (CF)
SITE	31379	0.72	0.0%	0.0%	21.0%	79.0%	4.37	3.15	1.91	5000	5826	8305
TOTAL	31379	0.72						3.15		5000	5826	8305

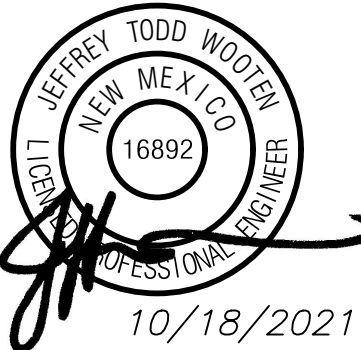
SWQ PONDING CALCULATIONS
FIRST FLUSH CALCULATION
TOTAL NEW IMPERVIOUS AREA = 14,241 SF
FIRST FLUSH = $14,241 \times 0.26'' / 12 = 309 \text{ CF}$
TOTAL VOLUME PROVIDED = 0 CF
PAYMENT-IN-LIEU REQ'D = $309 \text{ CF} \times \$8.00 = \$2,472.00$

DRAINAGE CERTIFICATION

I, JEFFREY T. WOOTEN, NMPE 16892, OF THE FIRM WOOTEN ENGINEERING, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 5/25/2021. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ANTHONY L. HARRIS, NMPS 11463. I FURTHER CERTIFY THAT I PERSONALLY VISITED THE PROJECT SITE ON 10/11/2021 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR FINAL CERTIFICATE OF OCCUPANCY (FINAL C.O.).

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

JEFFREY T. WOOTEN, NMPE 16892



DRAINAGE MANAGEMENT PLAN

INTRODUCTION

The purpose of this submittal is to provide a grading plan and drainage management plan for the redevelopment of Tract A-1 and Lots 10-12, Block 1, College View Business Addition. The site is located at 3601 Central Ave NE in Albuquerque, NM. The site contains approximately 0.72 acres. The proposed development consists of an existing building which will be converted to a Veterinary Clinic. The existing City Drainage File Number is K17/D064.

EXISTING HYDROLOGIC CONDITIONS

The existing site generally slopes from south to north and then west in an existing storm drain system located in Copper Ave NE.

PROPOSED HYDROLOGIC CONDITIONS

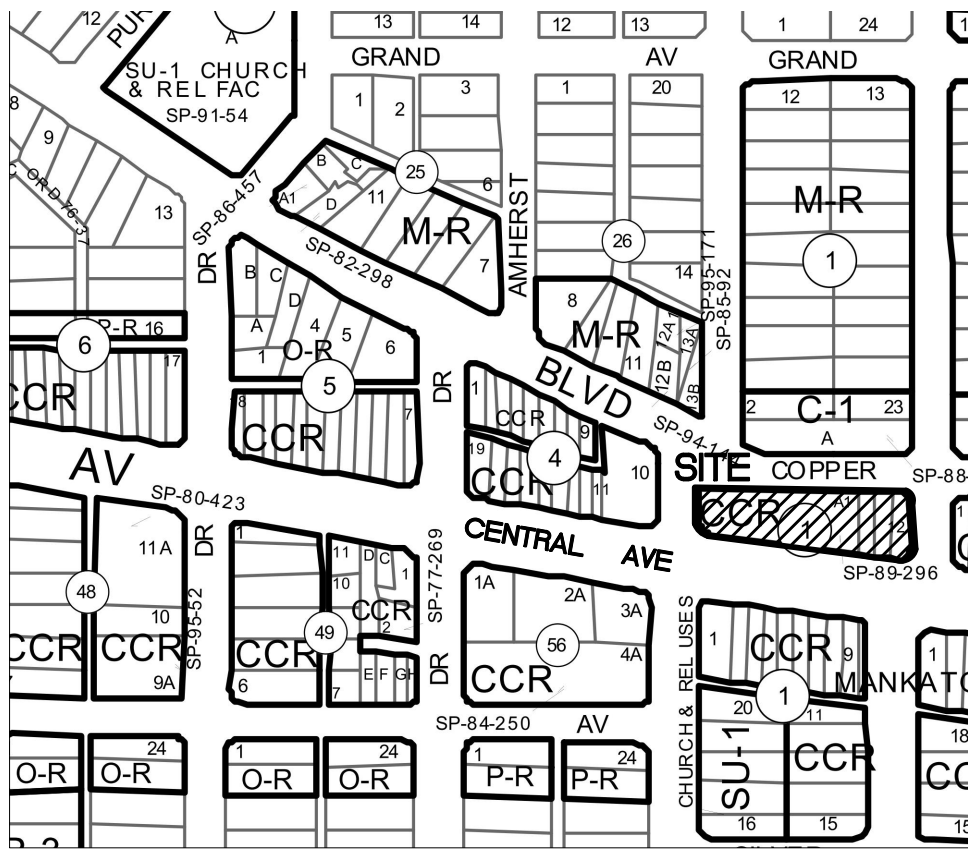
The site will continue to drain from south to north and then west into the existing storm drain system in Copper Ave. Per the Drainage Calculations Table this sheet, the proposed runoff from the site is 0.05 cfs higher than existing conditions. This 0.05 cfs increase is negligible and will not create any major impacts downstream.

STORMWATER QUALITY PONDING

Per the Calculations this sheet, we are not providing new Stormwater Quality Ponds because of existing conditions and the lack of adequate landscape areas to pond stormwater. The developer will be required to make a Payment-in-Lieu of Stormwater Quality Ponding in the amount of \$2,472.00 per the SWQ Calculations this sheet.

CONCLUSION

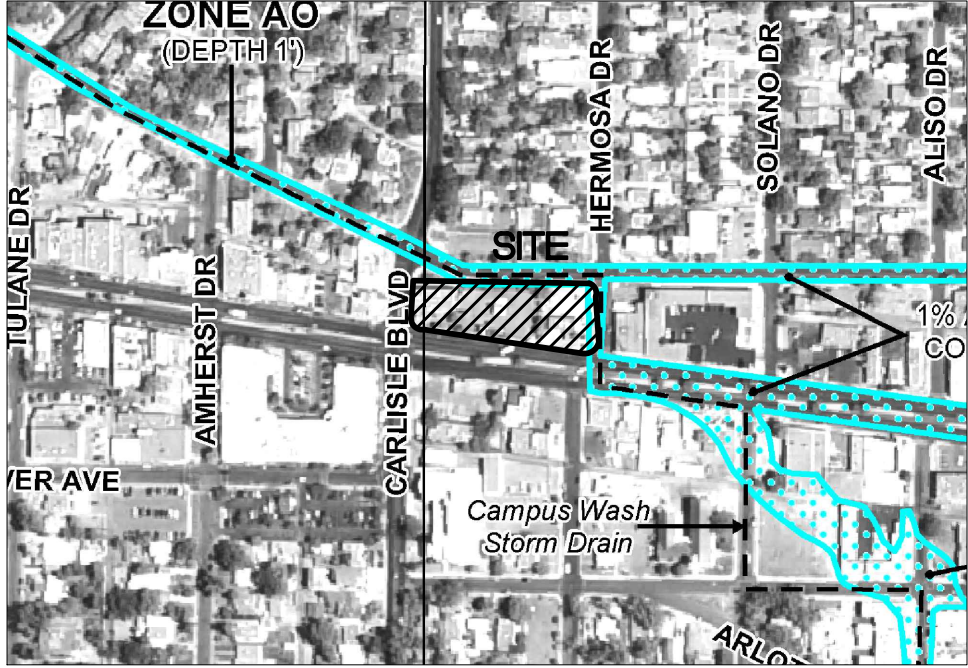
This drainage management plan provides for grading and drainage elements which are capable of safely passing the 100 year storm and meets city requirements. The proposed improvements for the site should not have any negative impacts to facilities downstream. With this submittal, we are requesting approval of Building Permit.



VICINITY MAP - Zone Atlas Page K-16-Z

NTS

Legal Description: Tract A-1 AND Lots 10-12, Block 1, College View Business Addition



FIRM MAP 35001C0353H

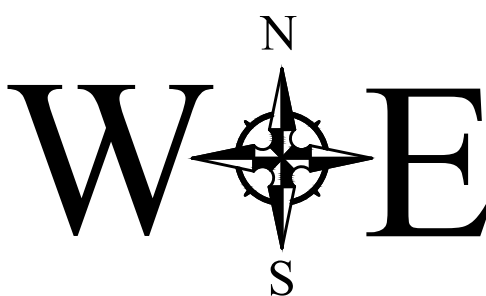
Per Firm Map 35001C0353H, dated August 16, 2012, the site is partially located in the Special Flood Hazard Area and is subject to inundation by 1% annual chance flood.

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 "GEO-TECHNICAL 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 +/- 0.05' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 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.

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 ELEVATIONS
- 24"C.O. PROPOSED 24" CURB OPENING
- 515' EXISTING CONTOUR
- 515' PROPOSED CONTOUR



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

REVISIONS

DATE

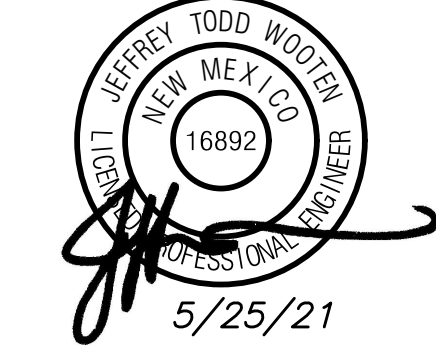
REV

DESCRIPTION

BY

DATE

mullen heller
architecture



MULLEN HELLER
ARCHITECTURE

1718 CENTRAL AVE SW |
STE. D
ALBUQUERQUE, NM |
87109

P | 505.268.4144
F | 505.268.4244
www.mullenheller.com

JOB NUMBER 2021005

DRAWN BY OG

PROJECT MGR JTW

DATE 03-19-2021

PHASE CD

PROJECT

ROUTE 66 VETERINARY EMERGENCY & CRITICAL CARE CENTER

3601 CENTRAL AVE. N.E.

ALBUQUERQUE NM 87108

TITLE

Grading Plan

SHEET

C1.1