

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

October 4, 2024

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

**RE: SBMT Multigenerational Center  
1825 Edith NE  
Permanent Certificate of Occupancy - Accepted  
Engineer's Certification Date: 10/2/2024  
Engineer's Stamp Date: 4/5/2023  
Hydrology File: H15D070**

Dear Mr. Wooten:

Based on the Engineer's Grading and Drainage Certification received 10/02/2024 and site visit on 10/03/2024, this letter serves as a "green tag" from Hydrology Section for a Permanent Certificate of Occupancy for the SBMT Multigenerational Center located at 1825 Edith NE to be issued by the Building and Safety Division.

If you have any questions, please contact me at 505-924-3314 or [amontoya@cabq.gov](mailto:amontoya@cabq.gov).

Sincerely,

Anthony Montoya, Jr., P.E.  
Senior Engineer, Hydrology  
Planning Department, Development Review Services



# City of Albuquerque

Planning Department  
Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title: SBMT Multigenerational Center Hydrology File # H15/D070

Legal Description: Tract 6-B-2, MRGCD Map No. 36

City Address, UPC, OR Parcel: Santa Barbara / Martineztown Park, 1825 Edith Blvd NE

Applicant/Agent: Wooten Engineering

Contact: Jeffrey T. Wooten

Address: PO Box 15814, Rio Rancho, NM 87174

Phone: \_\_\_\_\_

Email: jeffwooten.pe@gmail.com

Applicant/Owner: City of Albuquerque

Contact: Stacy Herrera

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

(Please note that a DFT SITE is one that needs Site Plan Approval & ADMIN SITE is one that does not need it.)

TYPE OF DEVELOPMENT:

☐  
☐

PLAT (#of lots) \_\_\_\_\_

DFT SITE

☐  
☒

RESIDENCE

ADMIN SITE

RE-SUBMITTAL: ☒ YES ☐ NO

DEPARTMENT:

☐

TRANSPORTATION

☒

HYDROLOGY/DRAINAGE

Check all that apply under Both the Type of Submittal and the Type of Approval Sought:

### TYPE OF SUBMITTAL:

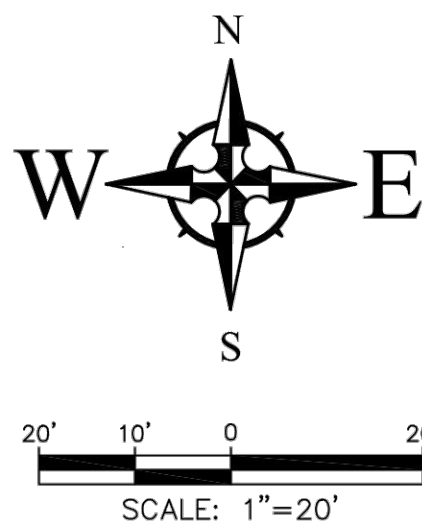
- ☒ ENGINEER/ARCHITECT CERTIFICATION
- ☐ PAD CERTIFICATION
- ☐ CONCEPTUAL G&D PLAN
- ☐ GRADING & DRAINAGE PLAN
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE MASTER PLAN
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL) ADMINISTRATIVE
- ☐ TRAFFIC CIRCULATION LAYOUT FOR DFT APPROVAL
- ☐ TRAFFIC IMPACT STUDY (TIS)
- ☐ STREET LIGHT LAYOUT
- ☐ OTHER (SPECIFY) \_\_\_\_\_

### TYPE OF APPROVAL SOUGHT:

- ☐ BUILDING PERMIT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY (Temporary)
- ☐ CONCEPTUAL TCL DFT APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SITE PLAN FOR BLDG PERMIT DFT 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
- ☐ OTHER (SPECIFY) \_\_\_\_\_

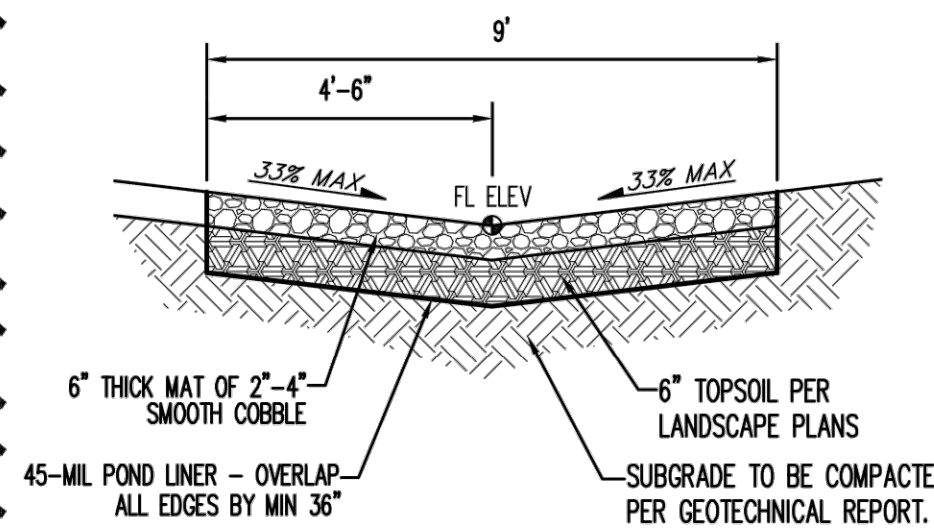
DATE SUBMITTED: October 2, 2024





#### 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.



#### Rock Lined Swale Detail

NTS

#### DRAINAGE CERTIFICATION

I, JEFFREY T. WOOTEEN, NMPE 16892, OF THE FIRM WOOTEEN 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 5/8/2023. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ANTHONY L. HARRIS, NMPS 11463, OF THE FIRM HARRIS SURVEYING INC. I FURTHER CERTIFY THAT I PERSONALLY VISITED THE PROJECT SITE ON 9/16/2024 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 PERMANENT CERTIFICATE OF OCCUPANCY.

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. WOOTEEN, NMPE 16892



#### REFERENCE LANDSCAPE PLANS FOR TREE PROTECTION REQUIREMENTS

INSTALL 45-MIL EPDM POND LINER UNDER 2"-6" AVERAGE DIAMETER SMOOTH COBBLE. MIN 3" OVERLAP BETWEEN SHEETS. REF. DETAIL THIS SHEET.

ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED TO MATCH EXISTING

ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED TO MATCH EXISTING

#### LEGEND

- 27.8 FLOW ARROW
- FL27.8 PROPOSED TOP OF GRADE/PVMT ELEVATIONS
- TC27.8 PROPOSED FLOW LINE/GUTTER ELEVATIONS
- TS27.8 PROPOSED TOP OF CURB ELEVATIONS
- FG27.8 PROPOSED TOP OF SIDEWALK ELEVATION
- FG27.8 PROPOSED FINISHED GRADE ELEVATION
- FGH83.40 FINISHED GRADE AT TOP OF WALL
- FGL83.40 FINISHED GRADE AT BOTTOM OF WALL
- S15 EXISTING CONTOUR
- S15 PROPOSED CONTOUR
- SITE BASIN DESIGNATION
- 0.33Ac AREA (ACRES)

#### DRAINAGE MANAGEMENT PLAN

##### INTRODUCTION

The purpose of this submittal is to provide a final grading plan for the subject site located at Santa Barbara/Martineztown Park (1825 Edith Blvd NE). The development consists of a new Multigenerational Community Center Building and necessary site improvements.

##### EXISTING HYDROLOGIC CONDITIONS

The project is located in Hydrology File H15/D070; however, no prior approved documents could be located. Per FIRM Map 35001C0332G, the site is not located in the 100-Yr Floodplain. The site currently sheet flows from east to west and into a ponding area along Broadway Blvd NE. This ponding volume has not been analyzed. No offsite flows enter the property.

##### PROPOSED HYDROLOGIC CONDITIONS

The roof of the proposed community center building will slope west to east and into a rock-lined swale. This swale will then discharge into an grass-lined swale that flows to the south and then west to match existing grade per plan. The rock-lined swale is a stormwater quality feature that will slow the velocities of the stormwater from the roof drainage. Ref. the Stormwater Quality Calculations this sheet.

The area west of the new building is paved and will tie in to the existing paved facilities. This area drains to the southwest and into a new stormwater quality pond. Reference the Stormwater Quality Calculations this sheet.

##### CONCLUSION

This drainage management plan conforms to the DPM and does not create any issues downstream. With this submittal, we are requesting Grading Permit and Building Permit approval.

#### IMPERVIOUS AREA CALCULATIONS

##### BASIN A

TOTAL BASIN AREA: 14,810 SF  
PERVIOUS AREA: 3,160 SF (21.3%)  
IMPERVIOUS AREA: 11,650 SF (78.7%)

##### BASIN B

TOTAL BASIN AREA: 3,050 SF  
PERVIOUS AREA: 0.0 SF (0.0%)  
IMPERVIOUS AREA: 3,050 SF (100.0%)

#### STORMWATER QUALITY CALCULATIONS

##### BASIN A (REDEVELOPMENT RATE = 0.26")

TOTAL NEW IMPERVIOUS PAVED AREAS = 11,650 SF  
SWQ VOLUME REQ'D = 11,650 \* 0.26" / 12 = 252 CF  
TOTAL SWALE VOLUME PER LF = 2.25 CF  
TOTAL VOLUME PROVIDED = 115 LF \* 2.25 = 259 CF

##### BASIN B (REDEVELOPMENT RATE = 0.26")

TOTAL NEW IMPERVIOUS PAVED AREAS = 3,050 SF  
SWQ VOLUME REQ'D = 3,050 \* 0.26" / 12 = 66 CF  
TOTAL VOLUME PROVIDED = 302 CF

Existing Drainage Calculations												
This table is based on the COA DPM Chapter 6.2 (A), Zone: 2												
BASIN	Area (Ac.)	Land Treatment Percentages (%)				Weighted C	Tc (min)	I (100) (in/hr)	Q (100) (cfs/ac.)	Q (100) (CFS)	WT E (inches)	V (100) (CF)
A	0.34	0.0	0.0	50.0	50.0	0.77	12.00	3.70	2.83	0.96	1.68	2073
B	0.07	0.0	0.0	10.0	90.0	0.87	12.00	4.21	3.68	0.26	2.20	559
TOTAL	0.41									1.22		2632

Proposed Drainage Calculations												
Ultimate Development Conditions Basin Data Table												
This table is based on the COA DPM Chapter 6.2(A), Zone: 2												
BASIN	Area (Ac.)	Land Treatment Percentages (%)				Weighted C	Tc (min)	I (100) (in/hr)	Q (100) (cfs/ac.)	Q (100) (CFS)	WT E (inches)	V (100) (CF)
A	0.34	0.0	0.0	20.0	80.0	0.85	12.00	4.08	3.45	1.17	2.07	2555
B	0.07	0.0	0.0	0.0	100.0	0.90	12.00	4.34	3.91	0.27	2.33	592
TOTAL	0.41									1.45		3147

#### BENCH MARKS

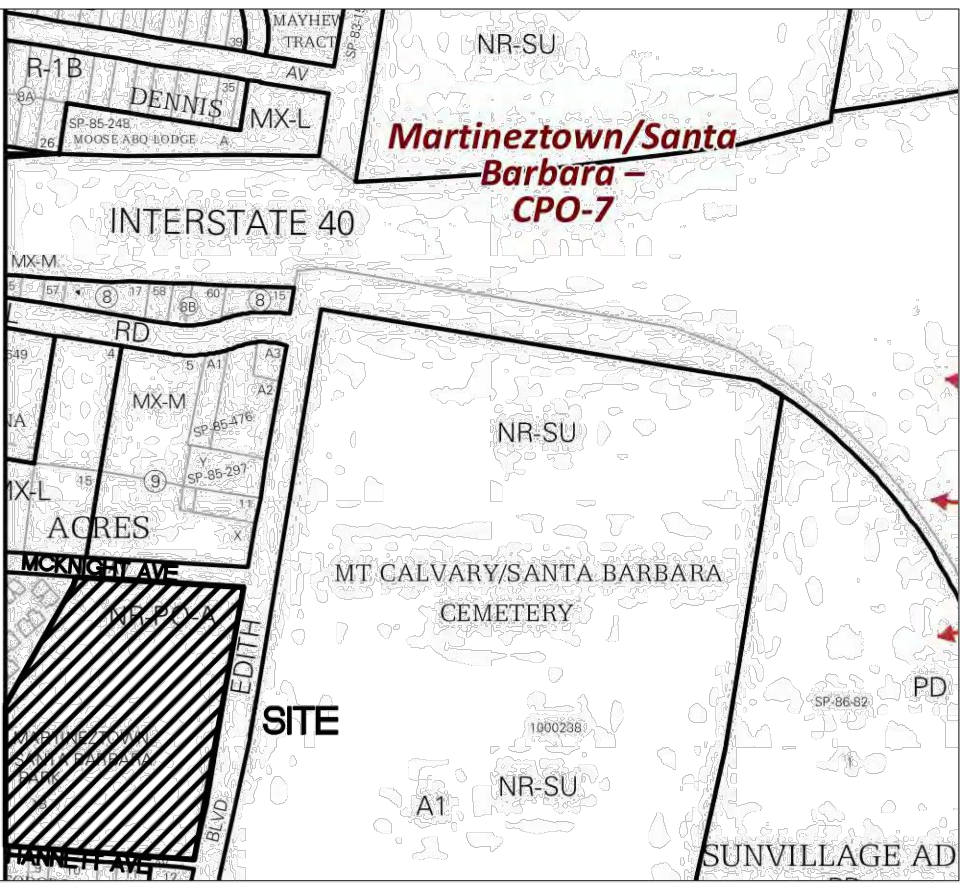
A.C.S. MONUMENT "17\_114"

MONUMENT TYPE 3

NEW MEXICO STATE PLANE COORDINATES

(CENTRAL ZONE-N.A.D. 1983)

PUB. EL=4957.484 NAVD 1988



#### VICINITY MAP - Zone Map H-15-Z

#### LEGAL DESCRIPTION:

Tract 6-B-2, MRGCD Map No. 36, a portion of Abandoned Alameda Lateral R/W and Tract 1-B.



#### FIRM MAP 35001C0332G

Per FIRM Map 35001C0332G, dated September 26, 2008, the site is not located in the Floodplain and determined to be outside the 0.2% chance Annual Floodplain.

#### 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 +/- 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, MEDANS, 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.



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



SANTA BARBARA / MARTINEZTOWN  
MULTIGENERATIONAL CENTER

SITE / FOUNDATION PACKAGE

1825 Edith Blvd. NE, Albuquerque, NM 87102

NO.	DATE	CITY COMMENTS
1	4/24/23	
NO.	DATE	DESCRIPTION
DATE:	3-16-2023	
PROJECT #:	2022043	
DRAWN BY:	RG	
CHECKED BY:	JW	
COPYRIGHT:	SMPC Architects © 2023	
These documents were prepared for this specific project only. SMPC Architects' liability is limited to this specific project, and does not extend to reuse of these documents for other projects.		
SHEET TITLE		

#### GRADING PLAN

C-200.R1