CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



Mayor Timothy M. Kelle

May 1, 2023

Sheldon Greer, P.E. Respec 5971 Jefferson St. NE Albuquerque, NM 8710

RE: Modwash Juan Tabo, 2600 Juan Tabo Blvd NE Tract 1-A, Block 101, Brentwood Hills Grading & Drainage Plans Engineer's Stamp Date: 4/19/2023 Hydrology File: H22D076

Dear Mr. Greer:

Based upon the information provided in your submittal received 4/19/2023, the Grading & Drainage Plan is approved for Building Permit approval. 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	 Engineer's Certification, per the DPM Part 6-14 (F): <i>Engineer's Certification</i> <i>Checklist For Non-Subdivision</i> is required. Please provide the executed paper Drainage Covenant (latest revision) printed on
NM 87103	one-side only with Exhibit A and a check for \$25 made out to "Bernalillo County" for the stormwater quality ponds per Article 6-15(C) of the DPM to Hydrology for review. Once the review is done, Hydrology will send back an email stating our approval/comments.
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, 505-924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 505-924-3695 or tchen@cabq.gov.

Sincerely,

Tieque Che

Tiequan Chen, P.E. Principal Engineer, Hydrology Planning Department, Development Review Services



City of Albuquerque

Planning Department Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: Modwash Juan Tabo	Building Permit #:	Hydrology File #:		
DRB#:	EPC#:	Work Order#:		
Legal Description: Tract 1-A, Block 101, Bren	ntwood Hills			
City Address: 102205902845521401				
Applicant: Hutton		Contact: Michael Evans		
Address: 736 Cherry St, Chattanooga TN 3740	2			
Phone#: 504.343.1714	Fax#:	E-mail: mevans@hutton.build		
Other Contact: RESPEC		Contact: John Stapleton		
Address: 7770 Jefferson Street NE, Suite 200,	Albuquerque NM 87109			
Phone#: 505.918.1053	Fax#:	E-mail: john.stapleton@respec.com		
TYPE OF DEVELOPMENT: PLAT (#	of lots)RESIDENCE	X DRB SITE ADMIN SITE		
IS THIS A RESUBMITTAL? Yes	X _{No}			
DEPARTMENT TRANSPORTATION	X HYDROLOGY/DRAINA	GE		
Check all that Apply:	TYPE OF APP X building	ROVAL/ACCEPTANCE SOUGHT: G PERMIT APPROVAL		
TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTIFICATION PAD CERTIFICATION CONCEPTUAL G & D PLAN X GRADING PLAN X DRAINAGE REPORT DRAINAGE MASTER PLAN FLOODPLAIN DEVELOPMENT PERMIT AN ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS) STREET LIGHT LAYOUT OTHER (SPECIFY) PRE-DESIGN MEETING?	PRELIMIN PRELIMIN SITE PLAI SITE PLAI FINAL PL PPLIC SIA/ RELE FOUNDAT GRADING ORADING WORK OR CLOMR/L FLOODPL	ATE OF OCCUPANCY NARY PLAT APPROVAL N FOR SUB'D APPROVAL N FOR BLDG. PERMIT APPROVAL AT APPROVAL EASE OF FINANCIAL GUARANTEE TION PERMIT APPROVAL G PERMIT APPROVAL PROVAL PROVAL PROVAL OMR AIN DEVELOPMENT PERMIT		
DATE SUBMITTED: 04/19/23	OTHER (S	h had thette		
COA STAFF:	ELECTRONIC SUBMITTAL RECEIVED	D:		



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Icalification Type Aleas					
Subbasin	Area _A (ac)	Area _B (ac)	Area $_{\rm C}$ (ac)	Area _D (ac)	Total (ac)
A1	0.00	0.00	0.26	0.96	1.22
EX	0.00	0.00	0.10	0.43	0.53

Peak Discharge calculation for a 100-yr, 24-hour storm event from equation 6.6								
Subbasin	Allowable (cfs/ac							
A1	5.5	4.5						

EX	2.4	4.5	5.25*
TOTAL	7.9	4.5	
*Allowable discharge rate	from the previously approv	ed drainage plan (Hydrolog	gy File: H22-D76)

Required Water Quality volume for first flush of 0.26" per DPM, Article 6-12								
Subbasin	Req Volume (cu. ft.)	Provided Volume (cu.ft.)	Net Volume (cu. ft.)					
A 4	000	1 212	407					





RET	AINING WALL TABLE		
	WALL 1		
WALL	TOP OF FOOTING		APPROX.
TION	ELEVATION	WALL HEIGHT (FT)	DISTANC
05	20.00		
		1.05	14
34	20.00		
		3.34	23
40	20.00		
		4.40	54
6 7	20.67		
		4.00	20
76	21.33		
		3.43	8
30	22.00		
		2.80	8
34	22.67		
		2.17	4
85	23.33		
		1.52	4
37	24.00		
		0.87	2
38	24.00		
		0.88	

	RETAIN	VING WALL	TABLE	
		WALL 2		-
WALL	TOP OF	TOP OF	WALL	APPROX.
POINT	WALL	FOOTING	HEIGHT	DISTANC
2-1	23.33	21.33		
			2.00	6
2-2	24.00	21.33		
			2.67	12
2-3	23.33	21.33		
			2.00	14
2-4	23.33	21.33		
			2.00	
	•	•		•

GRADING GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY SIZE'S AND LOCATION AND ELEVATION OF ALL EXISTING DRY AND WET UTILITIES PRIOR TO ANY CONSTRUCTION AND NOTIFY ENGINEER OF ANY ISSUES. UTILITY RELOCATION MAY BE REQUIRED

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THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED

04/19/202

2. GRADES SHOWN ARE FINAL SURFACE GRADES AFTER COMPLETION OF SURFACE IMPROVEMENTS AND PLACEMENTS OF TOPSOIL.

3. GRADE ADJACENT AREAS AT SITE PERIMETER SHALL MATCH GRADE OF ADJACENT PARCELS.

4. PROVIDE TEMPORARY GRADING FEATURES SUCH AS BERMS, SWALES, SUMPS, AND BASINS TO MANAGE INTERIM STORM WATER RUNOFF DURING CONSTRUCTION PROCESS. STORM WATER RUNOFF LEAVING THE SITE SHALL MEET ALL FEDERAL, STATE AND LOCAL QUALITY REQUIREMENTS.

5. REFER TO GEOTECHNICAL EVALUATIONS REPORT BY TERRACON (TERRACON PROJECT NO. 66225109) DATED MAY 17, 2022.

6. COMPOSITE SLOPE IN HANDICAP PARKING SHALL NOT EXCEED 2% IN ANY DIRECTION. 7. CROSS SLOPE ON ADA CROSSWALKS SHALL NOT EXCEED 2%. LONGITUDINAL SLOPE SHALL NOT EXCEED 5%.

8. LONGITUDINAL SLOPE ON CURB RAMP SHALL NOT EXCEED 8.33%. CROSS SLOPE SHALL NOT EXCEED 2%.

9. COMPOSITE SLOPE ON RAMP LANDINGS SHALL NOT EXCEED 2%.

10. CROSS SLOPES ON SIDEWALKS SHALL NOT EXCEED 2%. LONGITUDINAL SLOPES ON ONSITE SIDEWALKS SHALL NOT EXCEED 5%.

11. SLOPE LABELS SHOW APPROXIMATE SLOPES ONLY. WHERE SLOPE LABELS AND SPOT ELEVATION LABELS CONFLICT, SPOT ELEVATION LABELS SHALL GOVERN AND THE

SURVEYOR RESPONSIBLE FOR CONSTRUCTION STAKING SHALL CONTACT THE ENGINEER. 12. INSTALL PAVING PER PAVEMENT SECTION RECOMMENDED BY THE SITE GEOTECHNICAL REPORT.

13. FOR TUNNEL BUILDING ENTRANCE AND EXIT SLABS, SEE ARCHITECTURAL PLANS.

14. LONGITUDINAL SLOPES ON SIDEWALKS ADJACENT TO PUBLIC ROADS SHALL NOT EXCEED THE SLOPE OF THE PUBLIC ROAD.

15. WHERE THIS PLAN IS SILENT REGARDING SURFACE TREATMENT, REFER TO THE LANDSCAPING PLAN. DISTURBED AREAS WITHOUT SURFACE IMPROVEMENTS SPECIFIED IN THE LANDSCAPING OR GRADING PLAN SHALL BE RESEEDED WITH A NATIVE SEEDING MIX. IF

THE LANDSCAPING AND GRADING PLAN CONFLICT REGARDING SURFACE TREATMENTS, THE GRADING PLAN SHALL GOVERN.





В	С	D	E	F	G	н	Ι	J	к	L	м	N	ο
8"	29"	8"	-	-	-	1'-4"	2'	#4 @ 48" O.C. TRANSVERSE	2 - #4 LONGITUDINAL	#4 J-BAR @ 32" O.C.	-	#4 @ 12" O.C. TRANSVERSE	-
0"	33"	8"	-	-	-	2'-4"	3'	#4 @ 32" O.C. TRANSVERSE	3 - #4 LONGITUDINAL	#4 J-BAR @ 16" O.C.	#4 @ 32" O.C.	#4 @ 12" O.C. TRANSVERSE	1.25"X7/8" KEY
4"	33"	12"	-	-	-	2'-6"	3'-6"	#4 @ 32" O.C. TRANSVERSE	3 - #4 LONGITUDINAL	#4 J-BAR @ 16" O.C.	#4 @ 16" O.C.	#6 @ 12" O.C. TRANSVERSE	1.25"X7/8" KEY



NAME: N:\Projects\W0396-Hutton\W0396.22002 Juan Tabo\3. DWG\3. Sheets\C-106 Details.dwg PLOT DATE: Apr 19, 2023 2:25