CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Interim Director



August 30, 2021

Sheldon Greer, P.E. RESPEC 5971 Jefferson St. NE Suite 101 Albuquerque, New Mexico 87109

Lot 24 Block 1 Volcano Cliffs Unit 22 SAD 228 8000 Agua Fria NW Grading and Drainage Plan Engineers Stamp Date: 5/12/2020 (D10D003N24) CO Certification Revised Date: 8/25/2021

Mr. Greer,

PO Box 1293

Based on the Certification received on 8/25/2021, the site is acceptable for release of Certificate of Occupancy by Hydrology.

Albuquerque

NM 87103

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

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:	Building P	Permit #:	Hydrology File #:			
DRB#:	EPC#:		Work Order#:			
Legal Description:						
City Address:						
Applicant:			Contact:			
Address:						
			E-mail:			
Owner:			Contact:			
Address:						
			E-mail:			
TYPE OF SUBMITTAL:PLA	Γ (# OF LOTS)	RESIDENCE	_ DRB SITE ADMIN SITE			
IS THIS A RESUBMITTAL?:	Yes	No				
DEPARTMENT: TRAFFIC/ T	RANSPORTATION _	HYDROLOG	Y/ DRAINAGE			
Check all that Apply: TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTON CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT FLOODPLAIN DEVELOPMENTON ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAY TRAFFIC IMPACT STUDY (TIEST) OTHER (SPECIFY) PRE-DESIGN MEETING?	PERMIT APPLIC OUT (TCL)	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:	By:					

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED:____

FEE PAID:

Project Name:	Pulte Lot ID													DRAIN TO		
Project Address:	8000 Agua Fi	ia Ct											FRONT	REAR	Q100 TO	Q100 TO
Pulte Site ID:	Lot 26							Q100				DMP	LOT	LOT	FRONT	REAR
						AREA		/ACRE	Q100		DMP	Q100	AREA	AREA	LOT	LOT
						(SF)	% AREA	(CFS/Ac.)	(cfs)		%	(cfs)	(sq. ft.)	(sq. ft.)	(cfs)	(cfs)
								(1)	(3)		(2)	(4)				
					Α	0			0.00		0.0%	0.00		0 0		0.00
Site Area	(sq. ft.)	13894			В	4247	30.6%		0.20		10.0%	0.06			0.04	0.16
					С	4247	30.6%	2.87	0.28		40.0%	0.37			0.05	0.23
House Area	(sq. ft.)	3500			D	5400	38.9%	4.37	0.54		50.0%	0.70	60	0 4800	0.06	0.48
Driveway Area	(sq. ft.)	400			TOTAL	13894	100.00%		1.02			1.13		11694	0.15	0.87
Other Imp Area	(sq. ft.)	1500														
To	tal Imp. Area:	5400			NOTES:	(1) Zone 1	L - Table A-	9 Albuquer	que DPM							
						(2) Per Vo	lcano Cliff	s Drainage I	Manageme	ent Plan						
						(3) Total D	Discharge									
						(4) Allowa	able Discha	arge								
TABLE 2. WATER O	QUALITY STORI VOLUM		F RATE AND		_			ng site is no Canoncito		designate	ed flood		Proposed Conditi include the const			•
A PERCENT OF IMP			ID CMALLED		zone. me	Site Surial	Le urains ti	Canoncito	DI NVV.				-			ccordance with the
	ENVIOUS ANEA	FOR 40-ACKE AI	ND SIVIALLEN													
SITES Runoff Runoff Runoff		Runoff								SAD 228 drainage management plan for unit 19, the runoff will free discharge allowable discharge.						
Percent Impervious	Depth	Runoff Rate	Runoff Rate Volume							The allowable discharge was determined by analysis of the bas						
(%D)			(cubic								including the lot. The land use percentages of the basin were					
0	(inches)	(cfs/ac) 0	0										apportioned bety			
20			_										driveway, and an			
	0.09	0.5	327										improvements ar			
40	0.18	0.8	653		-								for the lot.	: mcruaeu M	me impervi	ous area percenta
60	0.27	1.2	980				1						ioi tile iot.		I	
80	0.36	1.35	1037													
100	0.46	1.5	1670													
									Runof	f Vol.						
		Site Area	Site Area	Imp. Area	% Imp				(per							
Table Inte	rpolation:	(sq. ft.)	(ac.)	(Sq. ft.)			0-20	20-40	40-60	60-80	80-100					
		13894	0.32	5400	38.9%	38.9	0	634.5	0	0	0	-				
						Total W	/ater Quali	ty Volume	Required:	202.4			0.4	5 Inches of r	unoff from I	np. Area

Cut/Fill Summary

Name Cut Factor		Fill Factor	2d Area	Cut	Fill	Net		
VOL FG	1.00	1.00	13892.17 Sq. Ft.	18.73 Cu. Yd.	912.86 Cu. Yd.	894.13 Cu. Yd. <fill></fill>		
Totals			13892.17 Sq. Ft.	18.73 Cu. Yd.	912.86 Cu. Yd.	894.13 Cu. Yd. <fill></fill>		

DRAINAGE CERTIFICATION

I, SHELDON GREER P.E., NMPE 17154, OF THE ENGINEERING FIRM RESPEC, 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 5/12/2020. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY THOMAS W. PATRICK, NMPS 12651, OF THE FIRM COMMUNITY SCIENCE SERVICES. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 8/25/2021 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 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



FIRM MAP:

GENERAL NOTES:

35001C0111G VICINITY MAP:

SITE

22

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THE CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS, 1986 EDITION, UPDATE NO. 8 VOL. 1 AND 2 JANUARY 2011.
- THE EROSION PROTECTION SPECIFIED THIS PLAN IS THE MINIMUM RECOMMENDED. THE OWNER IS ENCOURAGED TO INCORPORATE EROSION RESISTANT LANDSCAPING ON AREAS WHERE EROSION MAY OCCUR SUCH AS SLOPES AND SWALES. THE OWNER IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL FEATURES NECESSARY TO PRESERVE THE DESIGN INTENT OF THE GRADING PLAN.
- THE DRAINAGE INFRASTRUCTURE SHOWN ON THIS PLAN IS THE RESPONSIBILITY OF THE PROPERTY OWNER.
- 4. ALL DISTURBED AREAS OUTSIDE THE BUILDING PAD MUST BE RESEEDED OR LANDSCAPED.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.

THE ENGINEER HAS UNDERTAKEN LIMITED FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE ARE OF WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.

THESE DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, ARE INTENDED FOR USE ON THIS PROJECT AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF RESPEC INC. IN THE EVENT OF UNAUTHORIZED USE, THE USER ASSUMES ALL RESPONSIBILITY AND LIABILITY WHICH RESULTS.

EROSION CONTROL NOTES:

- 1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITIES OF THE CONTRACTOR.
- 5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.



(-) <u>KEYED NOTES</u>

- EXISTING PROPERTY LINE
- 2. EXISTING 10' P.U.E. 3. EXISTING STANDARD CURB AND GUTTER
- 4. EXISTING SIDEWALK PAD EXTENTS
- 6. HIGH POINT OF SWALE
- 8. MATCH DRIVEWAY TO BACK OF EXISTING SIDEWALK
- 9. IF PERIMETER WALL INSTALLED THEN PROVIDE TURNED BLOCK TO ALLOW FOR CROSS LOT DRAINAGE
- 10. PROPOSED DRIVEWAY LOCATION. DRIVEWAY PERMIT BY OTHERS
- 11. EXISTING WALL ADJACENT TO PROPERTY (RETAINING WALL MAY HAVE TO BE ADJUSTED WHEN EXISTING WALL ARE ENCOUNTERED.)

12. RUNDOWN

AND PLAN GRADING DRAINAGE I

OLC/ GUA PUI

D-10-2

THIS DRAWING IS INCOMPLET

AND NOT TO BE USED FOR

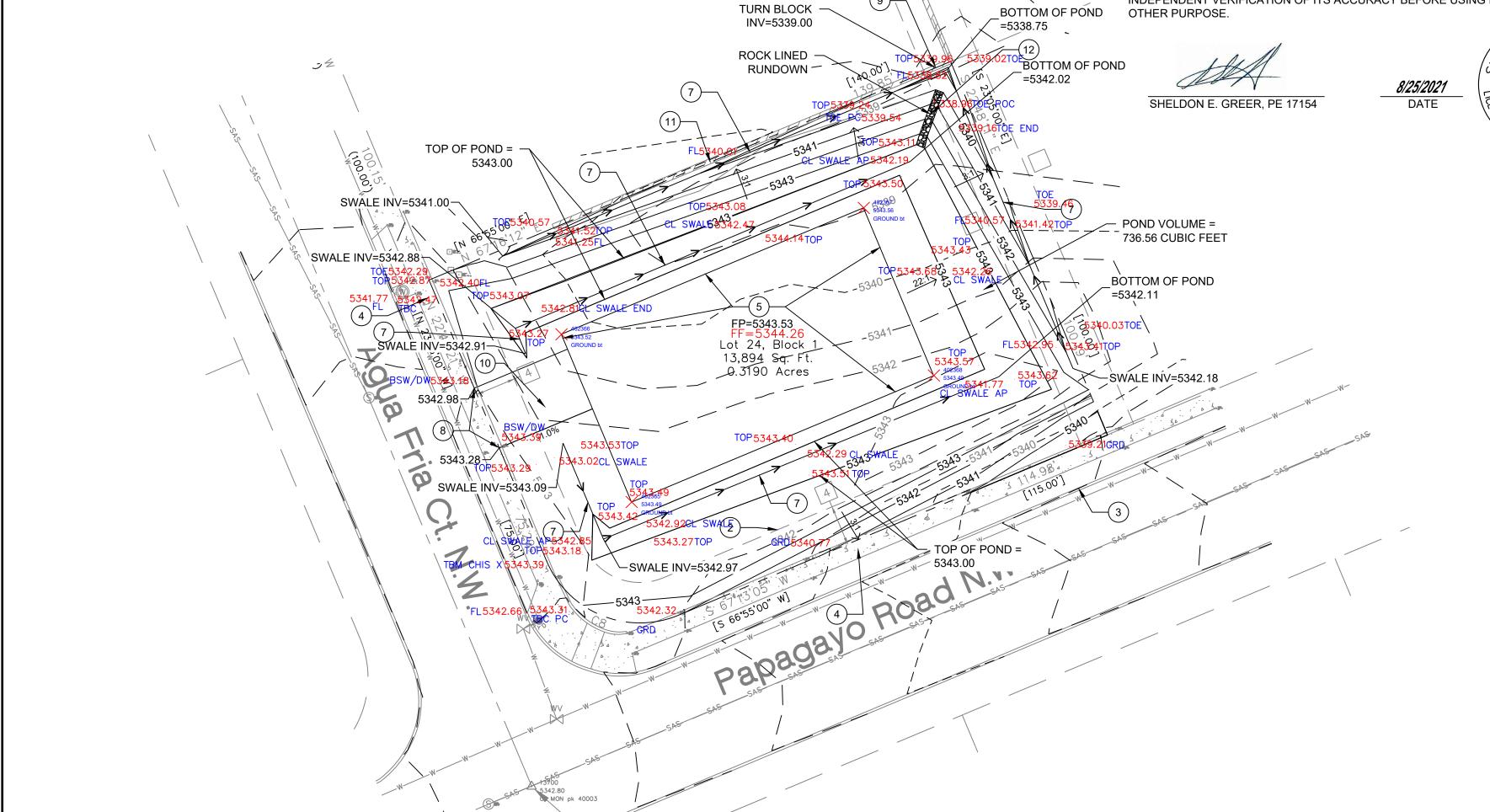
CONSTRUCTION UNLESS IT STAMPED, SIGNED AND DATED

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REVISION

SHEET NUMBER:

1 OF 1



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