

CITY OF ALBUQUERQUE

Planning Department

Brennon Williams, Director



Mayor Timothy M. Keller

July 27, 2021

Sheldon Greer, P.E.

RESPEC

5971 Jefferson St. NE Suite 101

Albuquerque, New Mexico 87109

Re: Lot 6 Block 11 Volcano Cliffs Unit 18 SAD 228

6528 Petirrojo Rd. NW

Grading and Drainage Plan

Engineers Stamp Date: 5/12/2020 (D10D003H28)

CO Certification Revised Date: 7/20/2021

Mr. Greer,

Based on the Certification received on 7/27/2021, the site is acceptable for release of Certificate of Occupancy Revised by Hydrology.

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

Sincerely,

Shahab Biazar, P.E.

City Engineer

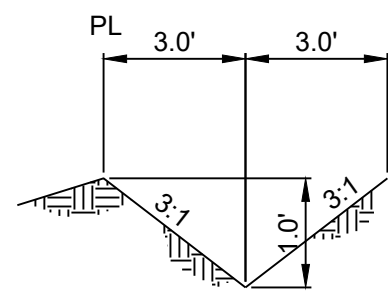
Development Review Services

RR/EA

C: File D10D003H28

Percent Impervious (%D)	Runoff Depth (inches)	Runoff Rate (cfs/ac)	Runoff Volume (cubic
0	0	0	0
20	0.09	0.5	327
40	0.18	0.8	653
60	0.27	1.2	980
80	0.36	1.35	1037
100	0.46	1.5	1670

Cut/Fill Summary							
Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net	
VOL PG	1.00	1.00	13742.58 Sq. Ft.	70.07 Cu. Yd.	561.95 Cu. Yd.	491.88 Cu. Yd.	<Fill>
Totals			13742.58 Sq. Ft.	70.07 Cu. Yd.	561.95 Cu. Yd.	491.88 Cu. Yd.	<Fill>

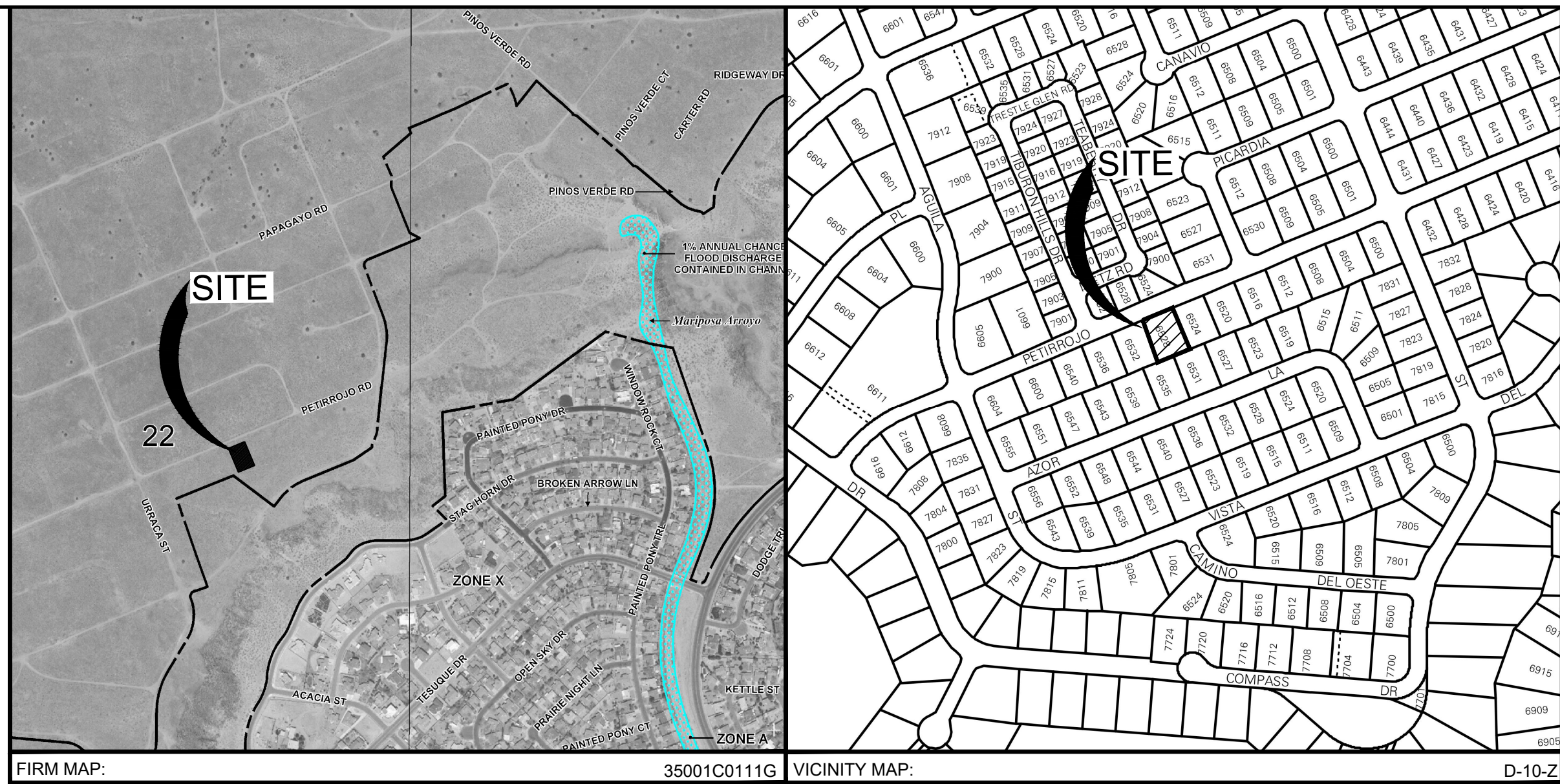
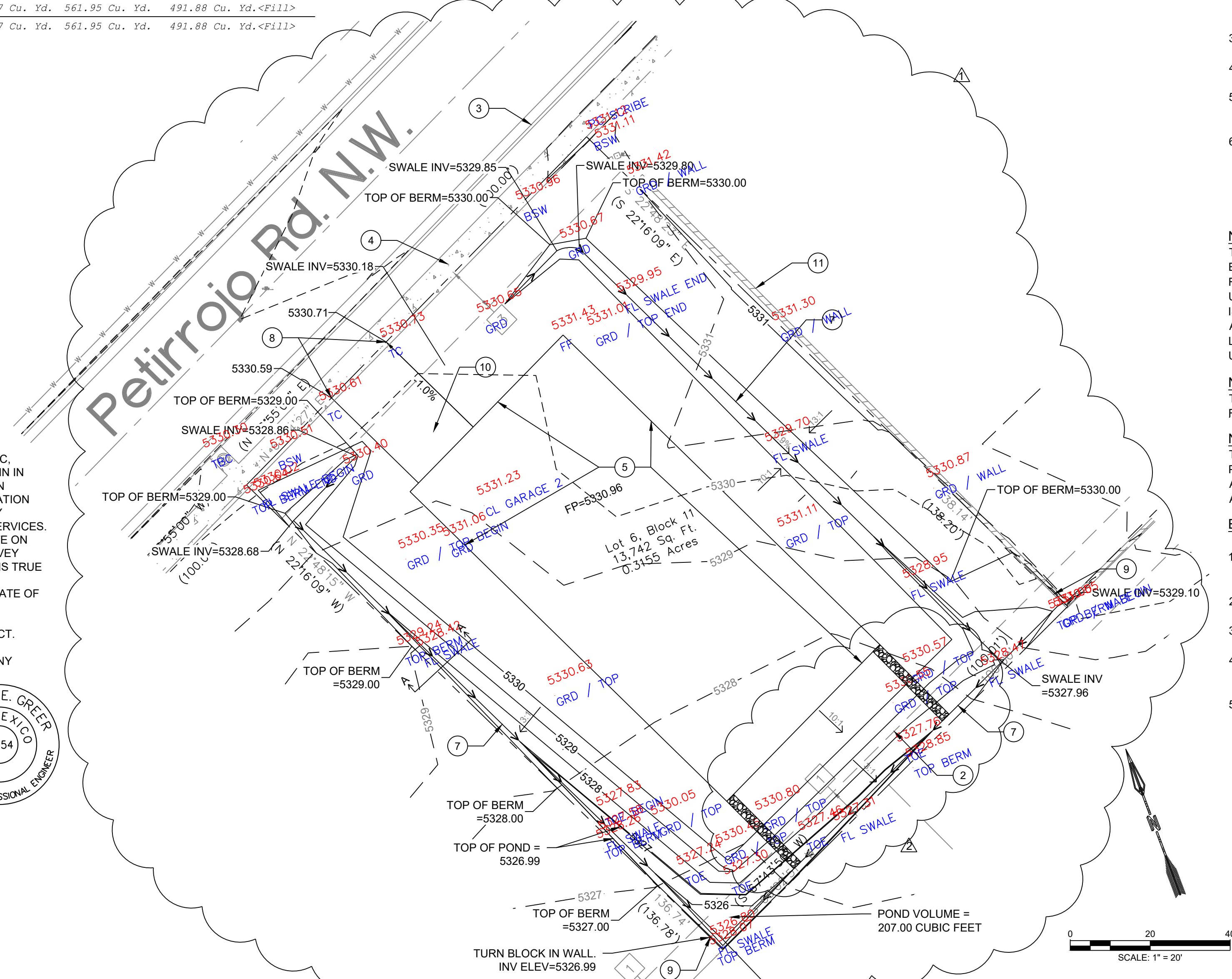


DRAINAGE CERTIFICATION

I, SHERLON 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 7/20/2021 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 CORRECTION. THE RECORD INFORMATION PRESENTED HEREIN 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.


 SHELDON E. GREER, PE 17154

7/20/2021
DATE



- GENERAL NOTES:**
1. 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.
 2. 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.
 3. THE DRAINAGE INFRASTRUCTURE SHOWN ON THIS PLAN IS THE RESPONSIBILITY OF THE PROPERTY OWNER
 4. ALL DISTURBED AREAS OUTSIDE THE BUILDING PAD MUST BE RESEEDDED OR LANDSCAPED.
 5. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
 6. 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.

NOTE: 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 SHALL BE RESPONSIBLE FOR 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.

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


NOTE:
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 OF WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY
4. 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.

① KEYED NOTES

1. EXISTING PROPERTY LINE
2. EXISTING 10' P.U.E.
3. EXISTING STANDARD CURB AND GUTTER
4. EXISTING SIDEWALK
5. PAD EXTENTS
6. HIGH POINT OF SWALE
7. 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

 RESPEC 5971 Jefferson Street Suite 101 Albuquerque, New Mexico 87109 Tel: 505.253.9718 Fax: 505.253.9718 www.respec.com	DESIGNED SEG		REVISION <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>								
DRAWN	JT										
CHECKED SEG											
DATE	7.27.2021										
		ADDED COBBLESTONE SWALES	DATE: 7/26/2021	BY: JDV							
		GRADING REVISIONS TO SITE	DATE: 7/20/2021	BY: JDV							

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

C:\Library\AutoCAD Standards\AEC\Title Block and Layout\MSEFI_PlotLayout_Template

ST NAME: VOLCANO CLIFFS
6528 PETIRROJO RD NW
PULTE ID 2

TITLE: **GRADING AND DRAINAGE PLAN**

SUBMITTED FOR:
**CERTIFICATE OF
 OCCUPANCY**

SHEET NUMBER:

1 OF 1