CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



Mayor Timothy M. Keller

October 26, 2023

David Soule, P.E. Rio Grande Engineering PO Box 93924 Albuquerque, NM 87199

RE: Lot 7 Block 5 Volcano Cliffs SAD 228 8000 Compass Dr. NW Grading and Drainage Plan Engineers Stamp Date: 4/17/2022 (D10D003K7) Pad Certification Date: 7/1/2022 Revised G&D plan for Pool: 3/15/2023 CO Certification Date: 10/17/2023

Mr. Soule,

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Based upon the information provided in your submittal received 10/25/2023, this plan for Certificate of Occupancy cannot be approved until the following comments are addressed.

- PO Box 1293
- Dirt piles must be removed.
- Block and other debris must be removed
- Albuquerque
- Site is not ready for CO approval.

If you should have any questions please contact me at 505-924-3695 or Rudy E. Rael at 505-924-3977.

NM 87103

Sincerely,

www.cabq.gov

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

RR/TC File D10D003K7

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5	PROPOSED COMPARISON	21714.00	0.498	0%	0	20%	0.100	42 5	0.2343	38 6	0.165	1.249	.058 .002		1.08	
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ç	Equations:															
ç	Weighted E = Ea*Aa +			d*Ad /	(Total	Area)										}
5	Volume = Weighted D Flow = Qa * Aa + Qb *			* Ad												
5	Where for 100-year, 6															}
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1 1	WATER QUALITY FLOOD CONTROL		0 93	(24-ho	our)	304										}
•	Narrative			_												}
	This site is within the sadjacent roadway to the	he south pe	r the ma	ster dra	ainage	plan. T	he site	does r	not exce	ed the S	SAD 228	developed	conditions	assur		
	therefore ponding is n once the rear pond fil	ls. We are	ponding	the wa	iter har	vest vo			-		e lot to th	e north. Thi	is flow pas	ses th	ru رونې	لحير
	This plan is in conform	mance to the	e master	draina	age plar	n								ىرى	and the second	
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	CAUTION	<u>N:</u>														

EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

I, DAVID SOULE HAVE PERSONALLY INPECTED THE SITE. I HEREBY CERTIFY THE PAD HAS BEEN CONSTRUCTED SUCH THAT IT IS IN SUBSTANTIAL CONFORMANCE TO THE APPROVED GRADING PLAN DATED 4/17/22

EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

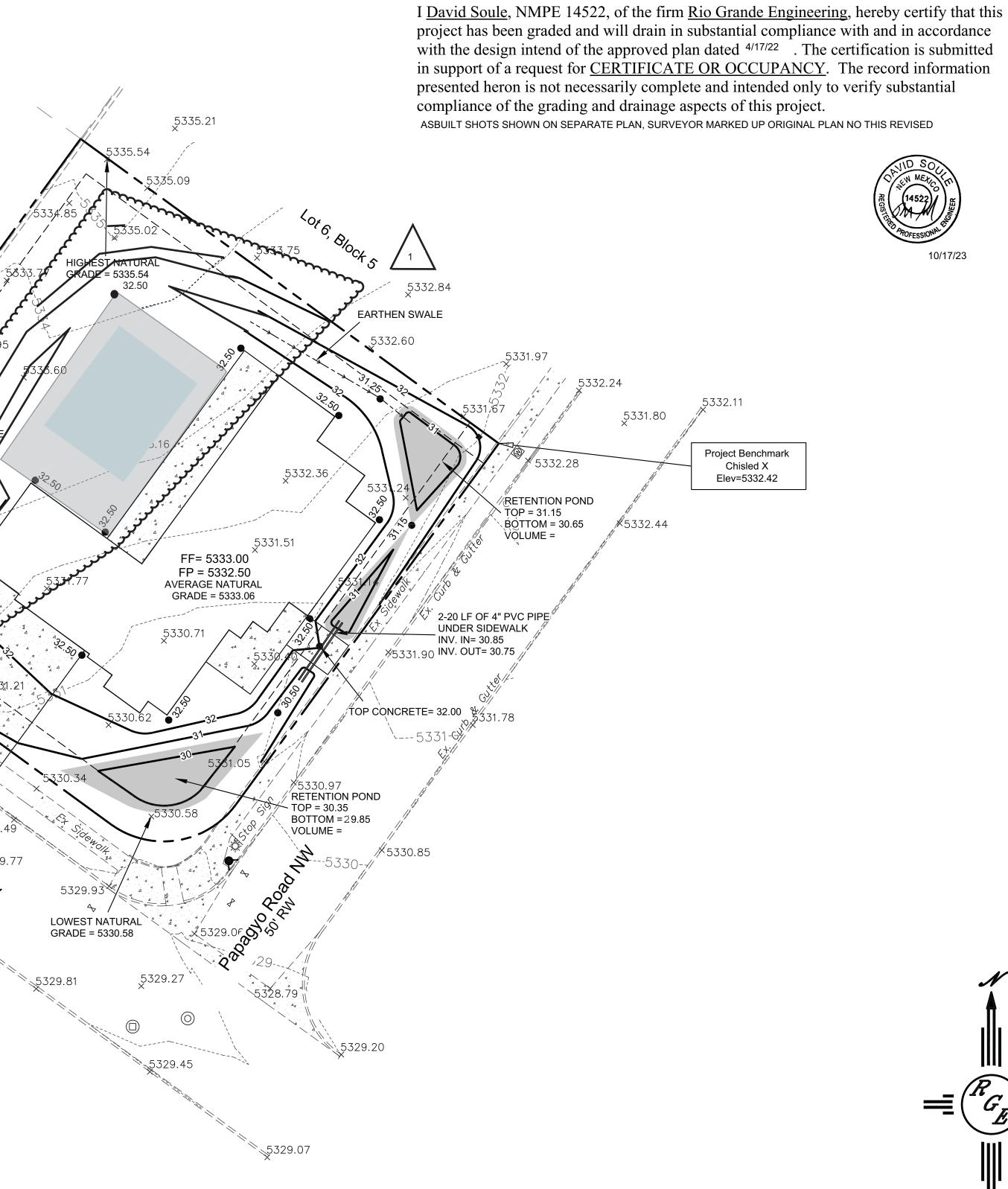
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.

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 RESPONSIBILITY OF THE CONTRACTOR.

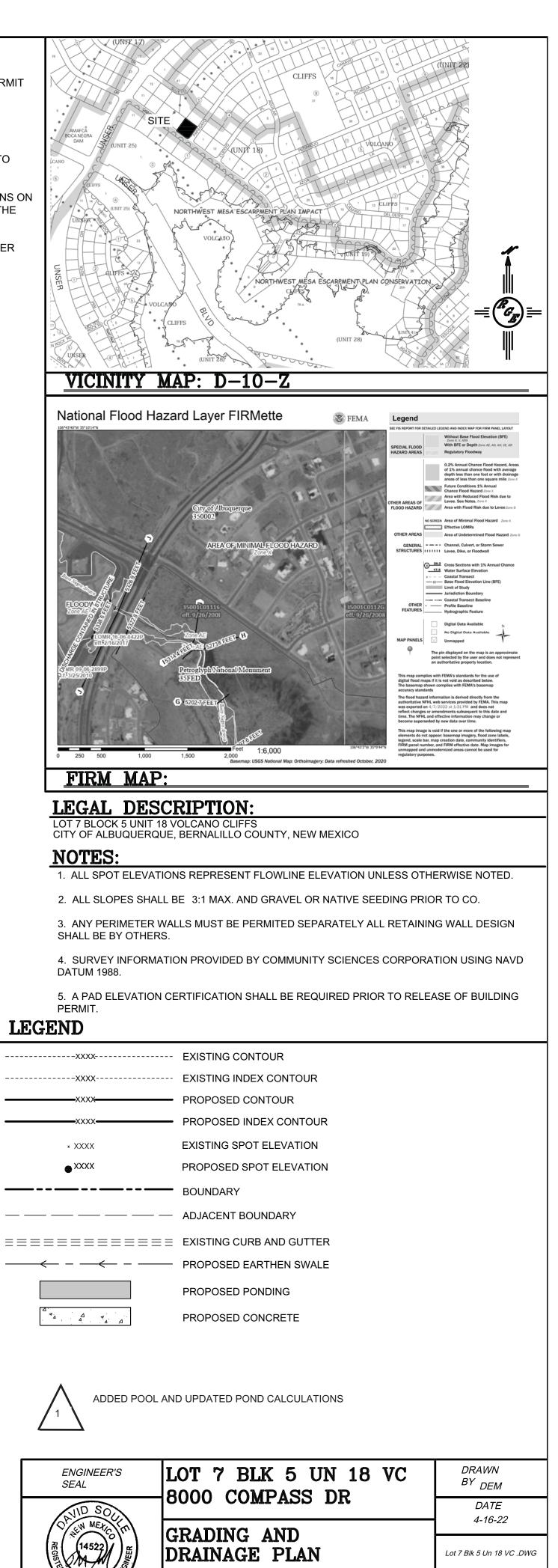
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.







10/17/23



Rio Grande

Engineering

PO BOX 93924 ALBUQUERQUE, NM 87199 (505) 321-9099

3/15/23

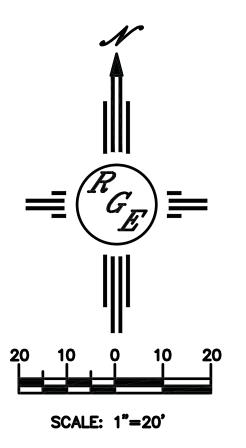
4/17/22

DAVID SOULE P.E. #14522

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COMPARISON	PROPOSED	ALLOWED		Basin	
	21714.00 0.498	21714.00 0.498	(sf)	Area	
	0.498	0.498	(acres)	Area	
	0%	0%	%	Treat	
			(acres)	ment A	
	20%	20%	%	Treatr	
	0.100	0 20% 0.100	(acres)	nent B	
	47%	46%	%	Treat	
	0 20% 0.100 47% 0.2343	46% 0.2293	(acres)	Treatment A Treatment B Treatment C	
	33%	34%	%	Treati	
	33% 0.165	34% 0.169	(acres)	ment D	
	1.249	1.259	(ac-ft)	Treatment D_Weighted E Volume	
0.000	0.052	0.052	(ac-ft)	Volume	100-Year, 6-hr.
	1.08	1.60	cfs	Flow	6-hr.

Equations:

Weighted E = Ea*Aa + Eb*Ab + Ec*Ac +Ed*Ad / (Total Area)

Volume = Weighted D * Total Area

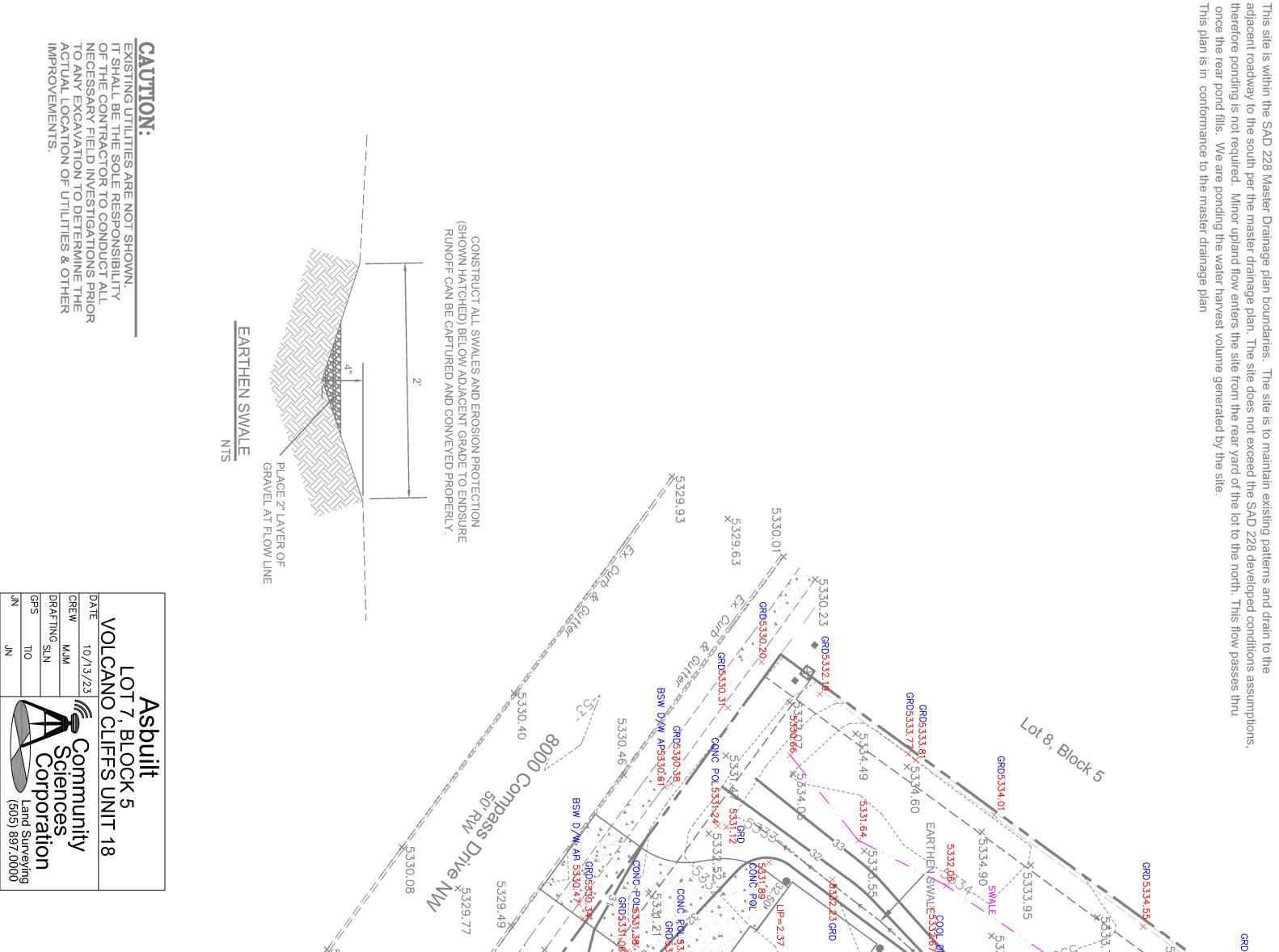
Flow = Qa * Aa + Qb * Where for 100 Ab + Qc * Ac + Qd * Ad

Ed= 1.97	Ec= 0.99	Eb= 0.67	Ea= 0.44	0-year, 6-hour storm- zone 1
Qd= 4.37	Qc= 2.87	Qb= 2.03	Qa= 1.29	

ONSITE Conditons DRAINAGE SUMMARY

REQUIRED (CF) PROVIDED (CF)

WATER QUALITY FLOOD CONTROL Narrative





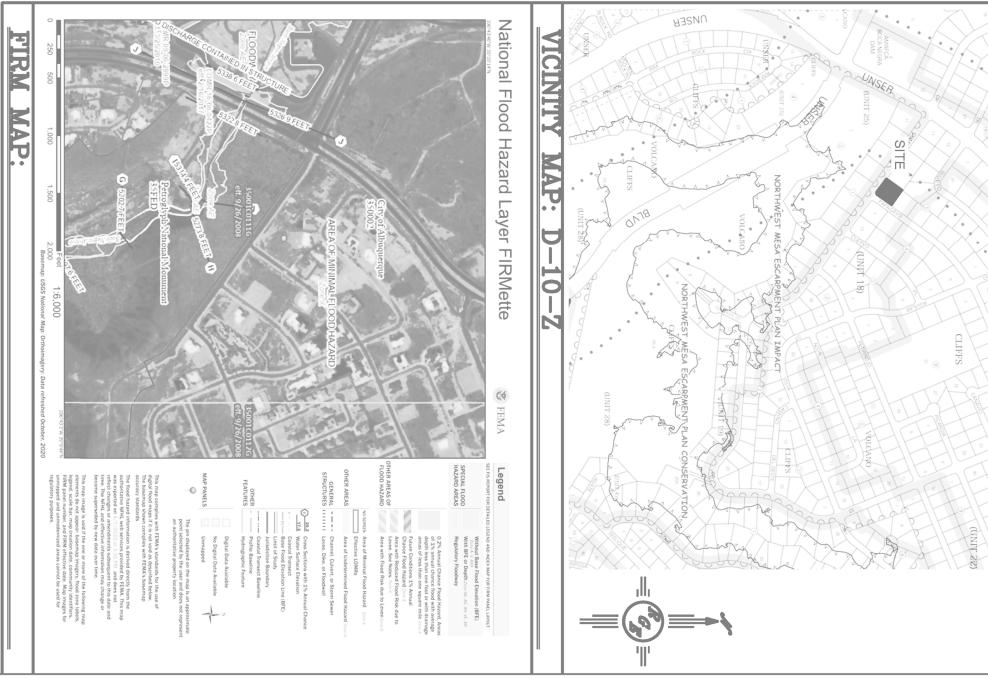
GRD 5333.60 Š 2.37 GRD533 -AEEG-**3**.77 5329.81 5331.77 LOWEST NATUR/ GRADE = 5330.58 330.34₃₃ 34.85 5329.93 | 5332.65 HIGHEST-NATURAL GRADE = 5335.54 / 5332.63 ST-CS 2.35 5332.81 COOL DECK AP *32.50 32.10 \$,335.02 335.54 5333.16 × \bigcirc 5329.27 × ,53,35.09 329.45 5330.71 × FF=5333.00 5331.51 -FF= 5332.00 AVERAGE NATURAL GRADE = 5333.06 ×5334.06G 5335.21 × \bigcirc Papagyo Road NW : 5329.0F St 00 5332,42 5332,42 5328.79 5333.75 × 5329.07 5332.36 X \$5330.97 RETENTION POND FOP = 30.35 BOTTOM = 29.85 VOLUME = 6331.17 TOP --5330 5329.20 TOP EARTHEN SWALE 5332.60 ×5332.31GRD C 0 \$5330.85 UNDER SIDEWALK %5331.90 INV. OUT= 30.75 **VCRETE= 32.00** 5332.84 × IS. CURE & CURE .∠ [E= 32.00 %/331.78 € 331,67 • 53<mark>5</mark>3 RETENTION POND 10P = 31.15 30TTOM = 30.65 70LUME = 4 FND CHE 5332.28 5332.24 5331.80 × 5332.44 5332.58 FND CHIS X 5332.11 Elev ject Benchma Chisled X Elev=5332.42

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CLEANUP OF SEDIMENT ACCUMULATIONS ON FACILITIES IS THE RESPONSIBILITY OF THE

. REPAIR OF DAMAGED FACILITIES AND DJACENT PROPERTIES AND IN PUBLIC I ONTRACTOR.

5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.



LEGAL DESCRIPTION:

LLO COUNTY, NEW MEXICO

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNL .ESS OTHERWISE NOTED.

ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO

3. ANY PERIMETER WALLS MUST BE PERMITED SEPARATELY ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.

4. SURVEY INFORMATION PROVIDED BY COMMUNITY DATUM 1988. SCIENCES CORPORATION USING NAVD

TION SHALL

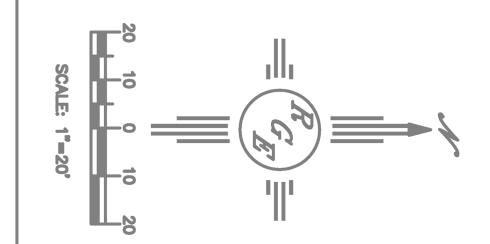
BE

REQUIRED PRIOR

TO RELEASE OF BUILDING

LEGEND 5. A PAD ELEVATION CERTIF PERMIT.

O PROFESSIONAL	Alter MELSIDER	NID SOL	ENGINEER'S SEAL			а в в а а а а а						• XXXX	× XXXX	XXXX	XXXX	XXXX	XXXX
Puio Grande	GRADING AND DRAINAGE PLAN		LOT 7 BLK 5 UN 18 VC			PROPOSED CONCRETE	PROPOSED PONDING	PROPOSED EARTHEN SWALE	EXISTING CURB AND GUTTER	ADJACENT BOUNDARY	BOUNDARY	PROPOSED SPOT ELEVATION	EXISTING SPOT ELEVATION	PROPOSED INDEX CONTOUR	PROPOSED CONTOUR	EXISTING INDEX CONTOUR	EXISTING CONTOUR
SHEET #	Lot 7 Blk 5 Un 18	DATE 4-16-22	DRAWN ^{BY} DEM														



DATE 4-16-22

5 Un 18 VC .DWG

DAVID SOULE P.E. #14522

4/17/22

PO BOX 93924 ALBUQUERQUE, NM 87199 (505) 321-9099

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City of Albuquerque

Planning Department Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 8000 COMPASS	Building Permit #:	Hydrology File #:
DRB#:	EPC#:	Work Order#:
DRB#:LOT 7 BLOCK 5	VOLCANO CLIFFS UNIT 18	
City Address: COMPASS_NW	······································	
Applicant:		Contact:
Address:		
Phone#:	_ Fax#:	E-mail:
Other Contact: RIO GRANDE ENGIN	EERING	Contact: DAVID SOULE
Address: PO BOX 93924 ALB NM	87199	
Phone#: 505.321.9099	Fax#:	E-mail: cor
TYPE OF DEVELOPMENT:PLAT		
Check all that Apply:		
DEPARTMENT: <u>×</u> HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION		AL/ACCEPTANCE SOUGHT: MIT APPROVAL
TYPE OF SUBMITTAL: XX ENGINEER/ARCHITECT CERTIFICATIO PAD CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE REPORT DRAINAGE MASTER PLAN FLOODPLAIN DEVELOPMENT PERMIT ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL TRAFFIC IMPACT STUDY (TIS) STREET LIGHT LAYOUT OTHER (SPECIFY) PRE-DESIGN MEETING? IS THIS A RESUBMITTAL?: Yes XX	SITE PLAN FOR SITE PLAN FOR FINAL PLAT AN SIA/ RELEASE APPLIC	R SUB'D APPROVAL R BLDG. PERMIT APPROVAL PPROVAL OF FINANCIAL GUARANTEE PERMIT APPROVAL MIT APPROVAL AL IT APPROVAL O CERTIFICATION
DATE SUBMITTED:	By:	
COA STAFF:	ELECTRONIC SUBMITTAL RECEIVED:	