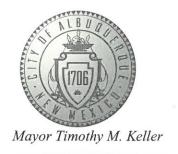
CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



January 11, 2019

Richard Dourte, P.E. RHD Engineering LLC 4305 Purple Sage Ave. NW Albuquerque, New Mexico 87120

RE: Lot 3 Block 3 Unit 22 SAD 228 6328 Camino Alto NW Volcano Cliffs Subdivision Grading and Drainage Plan

Engineers Stamp Date 1/9/19 (D10D003R3)

Dear Mr. Dourte,

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

Based upon the information provided in your submittal received 1/10/19, this plan is approved for Grading Permit. Please inform the builder/owner to attach a copy of this approved plan and letter into the construction sets in the permitting process prior to sign-off by Hydrology.

Reiterate to the Owner/Contractor that a separate permit for a garden/retaining wall must be obtained, with the approved G&D plan.

Prior to building permit approval a pad certification will be required.

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist of this plan will be required.

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

Sincerely,

James D. Hughes, P.E./ Principal Engineer, Hydrology

: Hayler

Planning Department

RR/JDH

C: File D10D003R3



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 6328 Camino Alto NW	Building Permit	t #: Hydrology File #: D10D003R
DRB#:	EPC#:	Work Order#:
Legal Description: Lot 3, Block 3, V	olcano Cliff u	nit 22
City Address:		
Applicant: RHD Engineering, LLC		Contact: Richard Dourte
Address: 4305 Purple Sage Ave. NW		
Phone#: 505.288.1621	Fax#:	E-mail: rhdengineering@outlook.com
Other Contact: Candelaria Homes Address:		Contact: Diego Candelaria
		E-mail:
TYPE OF DEVELOPMENT: PLATE IS THIS A RESUBMITTAL? Yes		RESIDENCE DRB SITE ADMIN SITE
DEPARTMENT TRANSPORTATION	X HYDRO	DLOGY/DRAINAGE
Check all that Apply: TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTIFICATION PAD CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE REPORT DRAINAGE MASTER PLAN FLOODPLAIN DEVELOPMENT PERMITE ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TO TRAFFIC IMPACT STUDY (TIS) STREET LIGHT LAYOUT OTHER (SPECIFY) PRE-DESIGN MEETING?	T APPLIC EL)	TYPE OF APPROVAL/ACCEPTANCE SOUGHT: X 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: 1-10-19	By: Richar	d Dourte
COA STAFF:	ELECTRONIC SUE	BMITTAL RECEIVED:

FEE PAID:_____

RHD Engineering, LLC

Richard H. Dourte 4305 Purple Sage Ave. NW Albuquerque, NM 87120 (505)288-1621 rhdengineering@outlook.com

January 9, 2019

Mr. James D. Hughes, PE Mr. Rudy Rael, CFM Development Review Services, Planning Dept. 600 Second Street City of Albuquerque, NM 87102

RE: Lot 3, Block 3, Unit 22, Volcano Cliffs Subd., SAD 228 (D10D003R3) 6328 Camino Alto NW

Dear Mr. Hughes, Mr. Rael,

Subsequent to the approval of the drainage plan for this site, stamp dated 4/30/18, and the pad certification dated 7/10/18, the building layout has been changed. This plan reflects the new layout. The drainage pattern remains the same along with the FF and FP elevations. The drainage calculations and narrative incorporate the changes.

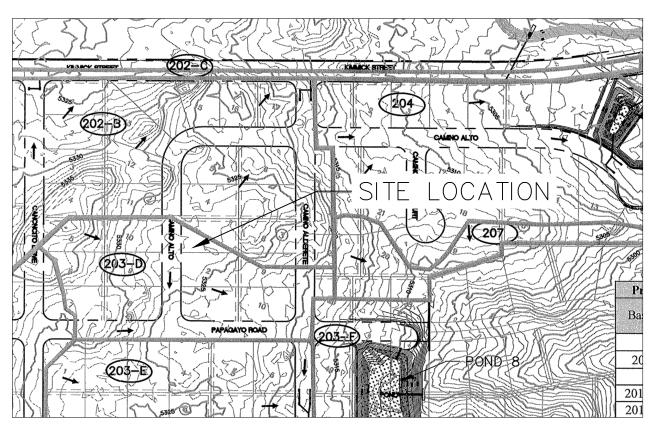
If you have any questions, please feel free to call me at 288-1621.

Sincerely,

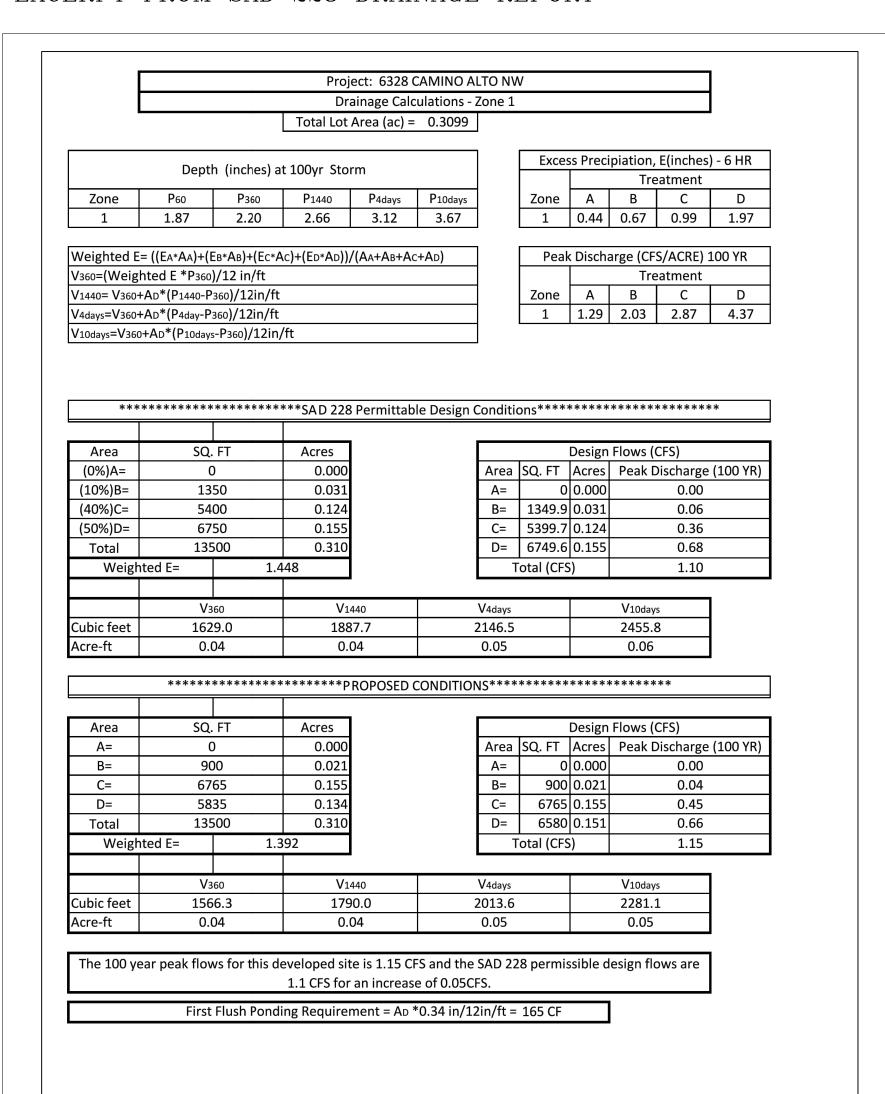
Richard Dourte, PE

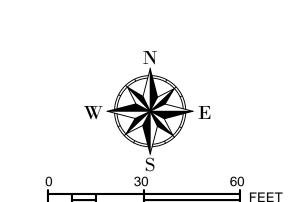
RHD Engineering, LLC

Richard Dourte



EXCERPT FROM SAD 228 DRAINAGE REPORT





SCALE 1'=30'

GENERAL NOTES:

MANUFACTURER RECOMMENDATIONS.

ALBUQUERQUE STANDARDS.

TO THIS SITE.

TO THE FIRM MAP 35001C0012G, EXCERPT ATTACHED).

5. ALL SWPPP REQUIREMENTS SHALL BE ADHERED TO.

1. THIS SITE IS NOT LOCATED IN A FEMA FLOOD HAZARD ZONE (REFER

REPORT PRIOR TO DESIGN OF BUILDING FOOTING/FOUNDATION.

2. RHD ENGINEERING, LLC RECOMMENDS THAT THE OWNER OBTAIN A GEOTECHNICAL

3. SLOPE STABILAZATION SHALL BE USED ON SLOPES GREATER THAN A 3:1 SLOPE, PER

4. MODIFICATIONS OR ADJUSTMENTS TO EXISTING DRAINAGE STRUCTURES/EROSION MITIGIATION IMPROVEMENTS SHALL BE DONE IN THE SAME MANNER AS THE ORIGINAL

6. ALL WORK ON THIS PLAN SHALL BE DONE IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARDS. ALL APPLICABLE PERMITS SHALL BE OBTAINED PRIOR TO WORK COMMENCING.

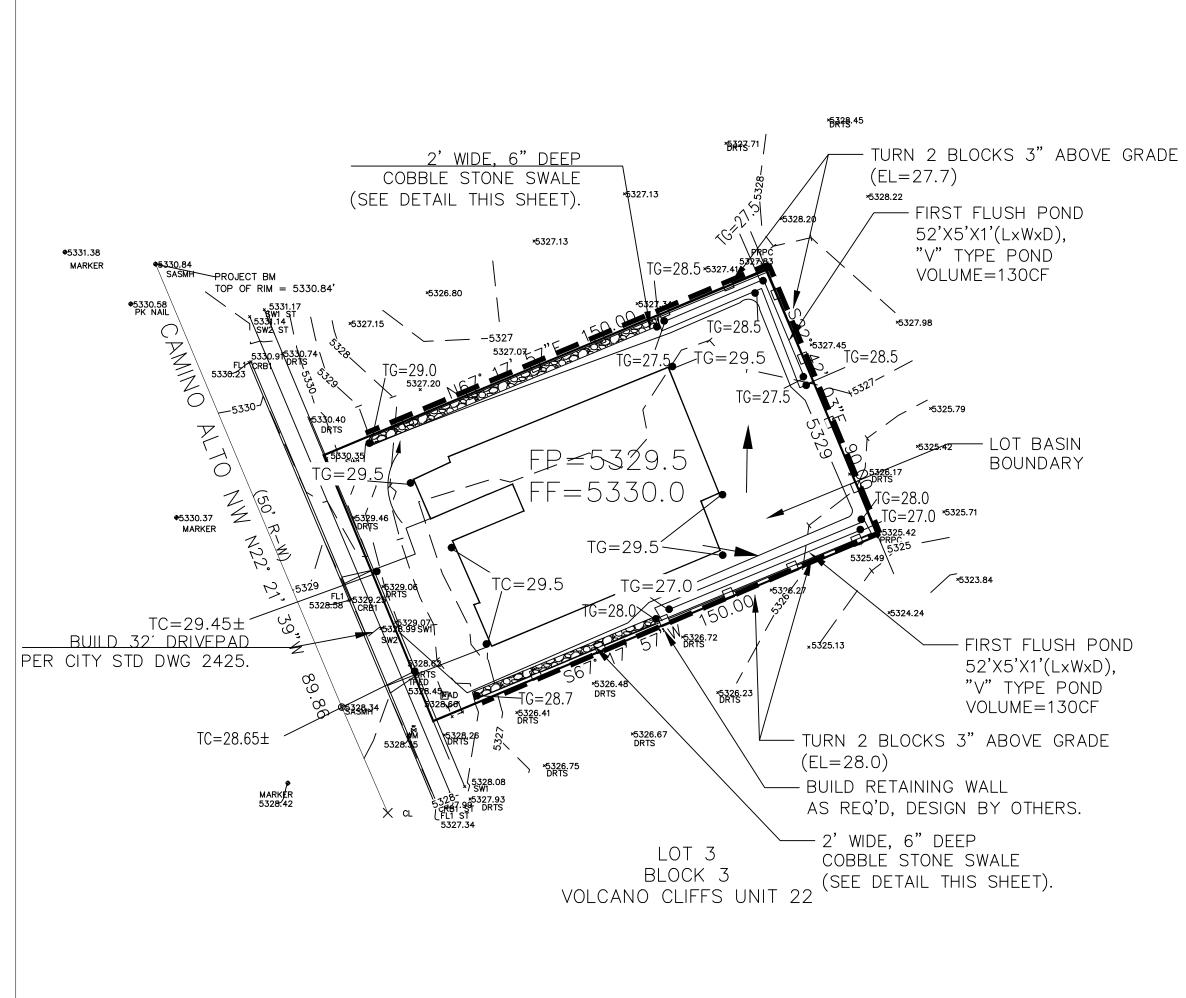
APPLYING FOR THE CONSTRUCTION OF ANY GARDEN OR RETAINING WALLS, WITH RESPECT

9. THE SURVEY INFORMATION WAS PROVIDED BYCONSTRUCTION SURVEYS TECHNOLOGIES,

10. FOR SITE DIMENSIONS, BUILDING AND INFRASTRUCTURE LOCATION REFER TO THE SITE

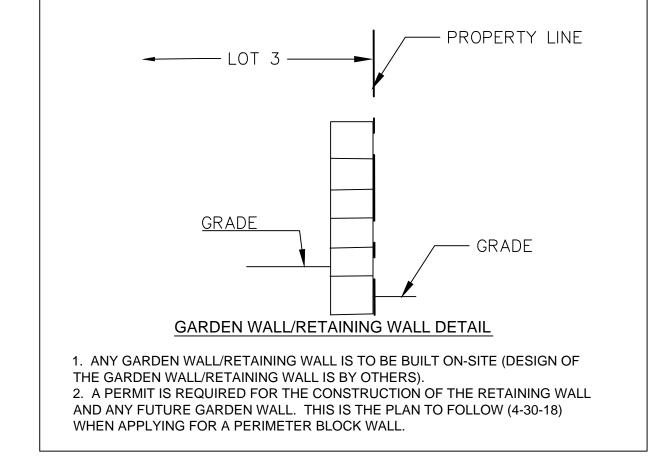
7. ALL WORK IN THE RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH CITY OF

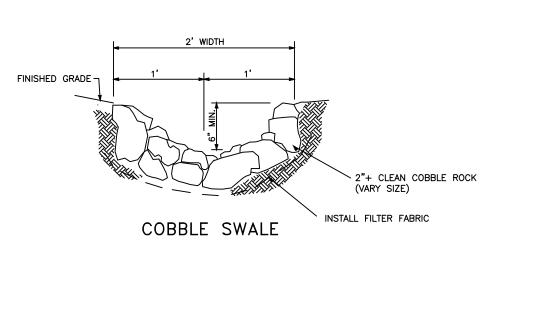
8. THIS GRADING PLAN IS TO BE UTILIZED AND A COPY PROVIDED TO THE CITY WHEN



DRAINAGE NARRATIVE:

- 1. THIS SITE IS LOCATED WITHIN THE SAD 228 DRAINAGE MASTER PLAN AREA.
- 2. A DRAINAGE BASIN BOUNDARY IS LOCATED ON THIS SITE. APPROXIMATELY ½ OF THIS SITE IS TO DRAIN TO THE NORTHWEST AND THE OTHER PORTION IS
- TO DRAIN TO THE SOUTHEAST.
- 3. THE VOLUMES OF THE FIRST FLUSH PONDS ARE 130CF +130CF=260CF, THIS IS GREATER THAN THE REQUIRED PONDING OF 165CF.



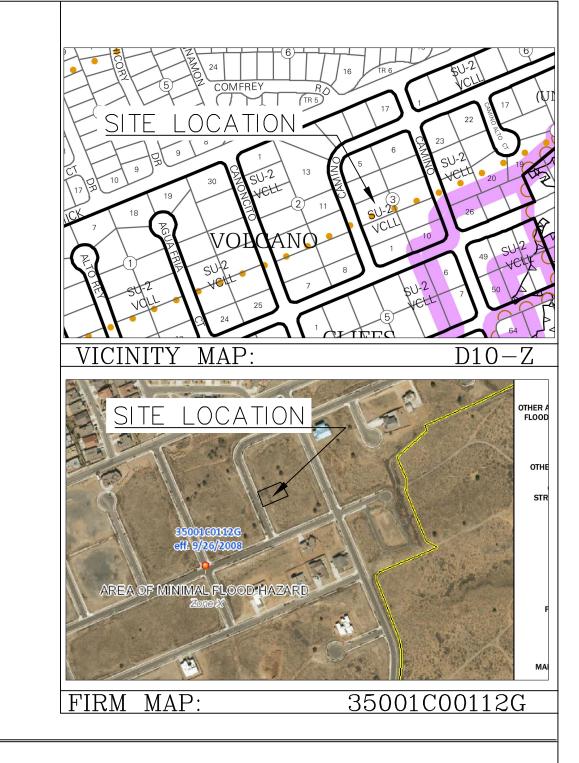


EROSION CONTROL NOTES:

- 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
- 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.

CAUTION:

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.



LEGAL DESCRIPTION:

LOT 3, BLOCK 3, VOLCANO CLIFFS UNIT 22

CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

NOTES:

- 1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE
- 2. RETAIN THE FIRST .46" OF STORM RUNOFF FROM ENTIRE DEVELOPMENT TO CONFORM TO THE WATER QUALITY REQURIEMENTS

LEGEND	
TC=46.00	PROPOSED SPOT ELEVATION
FL=46.00 TW=44.00	TOP OF WALL ELEVATION
·	EXISTING CONTOUR
5600	EXISTING INDEX CONTOUR
5601	PROPOSED CONTOUR
5600	PROPOSED INDEX CONTOUR
	LOT LINE
	RIGHT-OF-WAY
	PROPOSED RETAINING WALL (DESIGN BY OTHERS)
	PROPOSED WALL
:======================================	EXISTING CURB AND GUTTER
	PROPOSED EDGE OF CONCRETE
◄ ──	PROPOSED FLOWLINE
	EXISTING WALL
	PROPOSED BASIN BOUNDARY

I HAVE PERSONALLY INSPECTED THE PROPERTY ON 4-12-18. NO EARTHWORK HAS BEEN PERFORMED AND THE SITE IS CONSISTENT WITH THE

Richard Dourte P.E. #108

ENGINEER'S SEAL	Title	DRAWN BY
CHARD H. DOUR	6328 CAMINO ALTO NW	DATE
REG 10854	GRADING AND DRAINAGE PLAN	D.dwg
PROFESS IONAL	RHD Engineering, LLC	SHEET #
1/09/19	4305 Purple Sage Ave. NW ALBUQUERQUE, NM 87120	1 of 1
Richard Dourte P.E. #10854	(505) 288–1621	JOB #