# CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



May 1, 2018

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 4/30/18 (D10D003R3)

Dear Mr. Dourte,

Based upon the information provided in your submittal received 4/30/18, this plan is approved for Grading Permit.

PO Box 1293

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

Albuquerque

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.

NM 87103

Sincerely,

www.cabq.gov

Yames D. Hughes, P.E.

Principal Engineer, Hydrology

Planning Department

RR/JDH

C: File D10D003R3



# City of Albuquerque

## Planning Department

#### Development & Building Services Division

#### DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2016)

Project Title:	_ Building Perm	it #: Hydrology File #:
		Work Order#:
Legal Description:		
City Address:		
Applicant:		Contact:
Address:		
		E-mail:
Other Contact:		Contact:
Address:		
		E-mail:diego.candelariahomes@gmail.co
Check all that Apply:  DEPARTMENT:  X HYDROLOGY/ DRAINAGE  TRAFFIC/ TRANSPORTATION		TYPE OF APPROVAL/ACCEPTANCE SOUGHT:  X BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY
TYPE OF SUBMITTAL:  ENGINEER/ARCHITECT CERTIFICATION  CONCEPTUAL G & D PLAN  X GRADING PLAN  DRAINAGE MASTER PLAN  DRAINAGE REPORT  CLOMR/LOMR  TRAFFIC CIRCULATION LAYOUT (TCL  TRAFFIC IMPACT STUDY (TIS)  OTHER (SPECIFY)	)	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
PRE-DESIGN MEETING?  IS THIS A RESUBMITTAL?: Yes N		OTHER (SPECIFY)
DATE SUBMITTED:  COA STAFF:		

FEE PAID:\_\_\_

#### RHD Engineering, LLC

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

April 30, 2018

Mr. James D. Hughes, PE Principal Engineer, Planning Department Development Review Services 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,

Thank you for your letter dated April 24, 2018 (enclosed) regarding the above referenced project. The following is in response to your items:

1. The note to turn blocks 3" above grade has been added.

2. The note regarding the garden wall/retaining wall has been added.

3. A cross section of the wall has been added.

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

Sincerely,

Richard Dourte, PE RHD Engineering, LLC

# CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



April 24, 2018

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 4/16/18 (D10D003R3)

Dear Mr. Dourte,

Based upon the information provided in your submittal received 4/16/18, this plan cannot be approved for Grading Permit until the following comments are addressed.

PO Box 1293

Albuquerque

NM 87103

- Place turn blocks 3" above grade.
- Provide a note stating that a permit is required for the retaining wall and any future garden wall. This is the plan to follow dated 4/16/18 when applying for a perimeter block wall.
- Provide a cross section of the retaining walls showing location of wall pertaining to the lot lines. If encroaching into adjacent lots a written letter of approval from owners of the adjacent lots is required.

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

www.cabq.gov

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

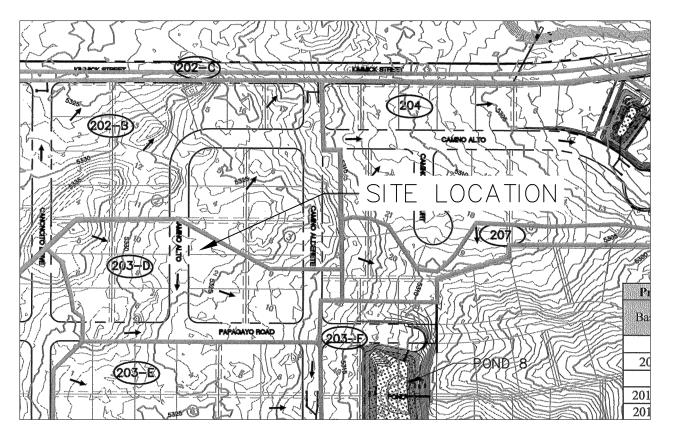
If you have any questions, please contact me at 924-3695 or Rudy Rael at 924-3977.

Sincerely, Daniel D. Erufler

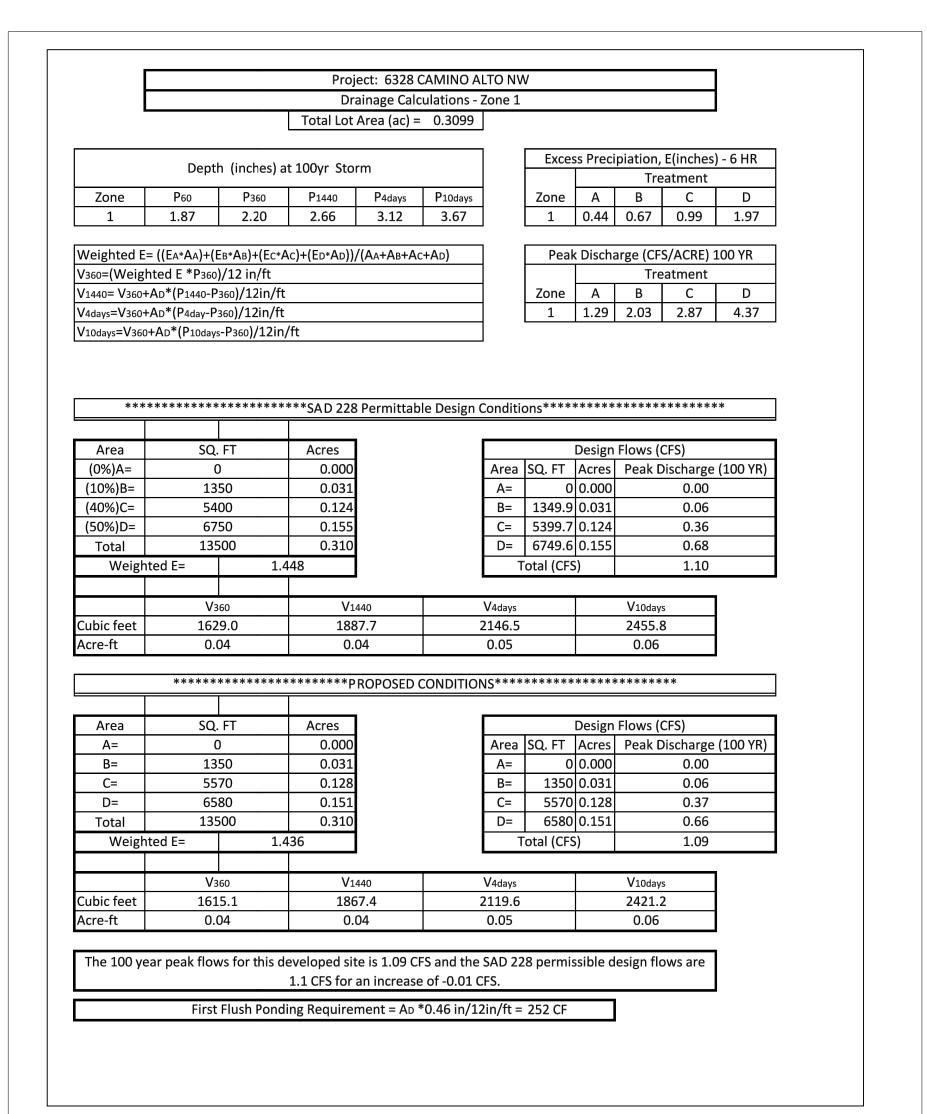
James D. Hughes, P.E.

Principal Engineer, Hydrology

Planning Department



EXCERPT FROM SAD 228 DRAINAGE REPORT



## GENERAL NOTES:

1. THIS SITE IS NOT LOCATED IN A FEMA FLOOD HAZARD ZONE ( REFER TO THE FIRM MAP 35001C0012G, EXCERPT ATTACHED).

2. RHD ENGINEERING, LLC RECOMMENDS THAT THE OWNER OBTAIN A GEOTECHNICAL REPORT PRIOR TO DESIGN OF BUILDING FOOTING/FOUNDATION.

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

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

5. ALL SWPPP REQUIREMENTS SHALL BE ADHERED TO.

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.

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

8. THIS GRADING PLAN IS TO BE UTILIZED AND A COPY PROVIDED TO THE CITY WHEN APPLYING FOR THE CONSTRUCTION OF ANY GARDEN OR RETAINING WALLS, WITH RESPECT TO THIS SITE.

9. THE SURVEY INFORMATION WAS PROVIDED BYCONSTRUCTION SURVEYS TECHNOLOGIES,

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

### 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.

#### 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.

FIRM MAP:

35001C00112G

### LEGAL DESCRIPTION:

LOT 3, BLOCK 3, VOLCANO CLIFFS UNIT 22 CITY OF ALBUQUERQUE

BERNALILLO COUNTY, NEW MEXICO

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 FL=46.00	PROPOSED SPOT ELEVATION	
TW=44.00	TOP OF WALL ELEVATION	
·5601·	- EXISTING CONTOUR	
5600	- EXISTING INDEX CONTOUR	
5601	- PROPOSED CONTOUR	
5600	- PROPOSED INDEX CONTOUR	
	— LOT LINE	
	LOT LINE	
	RIGHT-OF-WAY	
	PROPOSED RETAINING WALL (DESIGN BY OTHER	
	— PROPOSED WALL	
:	== EXISTING CURB AND GUTTER	
	— PROPOSED EDGE OF CONCRETE	
<b>—</b>	— PROPOSED FLOWLINE	
	□ EXISTING WALL	
	II 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

ENGINEER'S 4/30/18

P.E. #10854

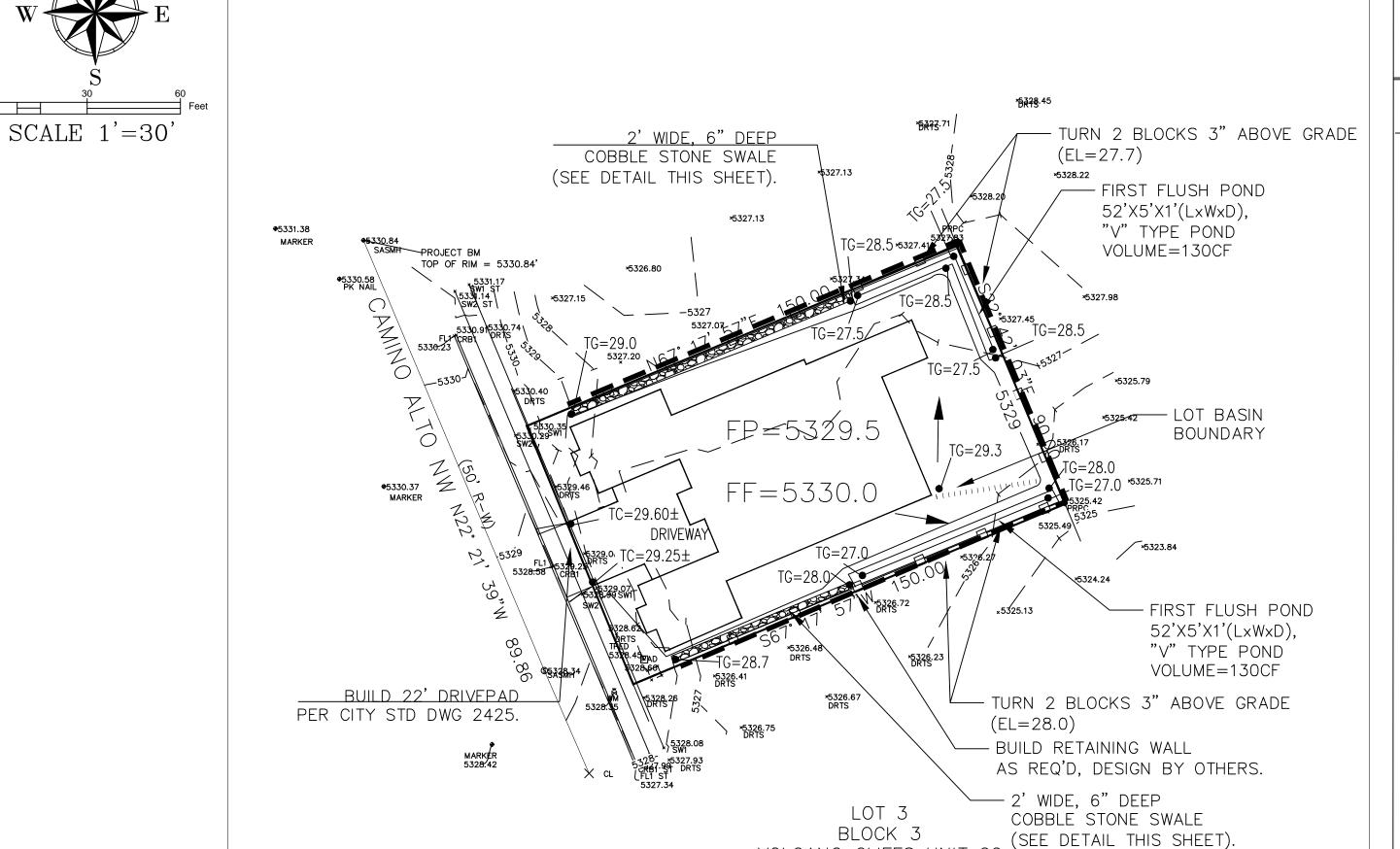
6328 CAMINO ALTO NW

GRADING AND DRAINAGE PLAN

RHD Engineering, LLC 4305 Purple Sage Ave. NW ALBUQUERQUE, NM 87120 SHEET #

JOB #

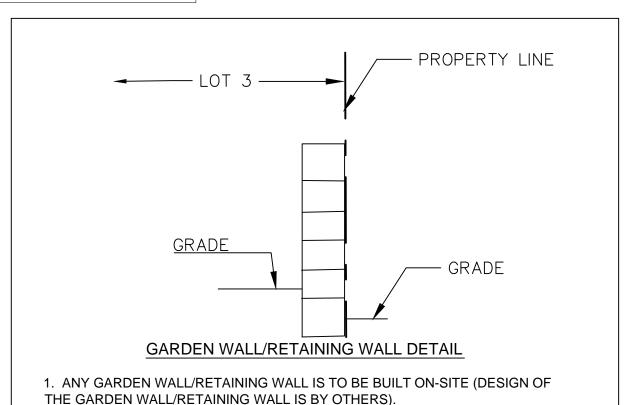
(505) 288-1621 Richard Dourte



VOLCANO CLIFFS UNIT 22

### 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 252CF.



2. A PERMIT IS REQUIRED FOR THE CONSTRUCTION OF THE RETAINING WALL

AND ANY FUTURE GARDEN WALL. THIS IS THE PLAN TO FOLLOW (4-30-18)

WHEN APPLYING FOR A PERIMETER BLOCK WALL.

