# 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 7 Block 4 Unit 19 SAD 228 65323 Azor Ln. NW Volcano Cliffs Subdivision Grading and Drainage Plan Engineers Stamp Date 5/7/18 (D10D003T7)

Dear Mr. Dourte,

Based upon the information provided in your submittal received 5/7/18, 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

www.cabq.gov

Sincerely,

Heyher ande

James D. Hughes, P.E. Principal Engineer, Hydrology Planning Department

RR/JDH C: File D10D003T7

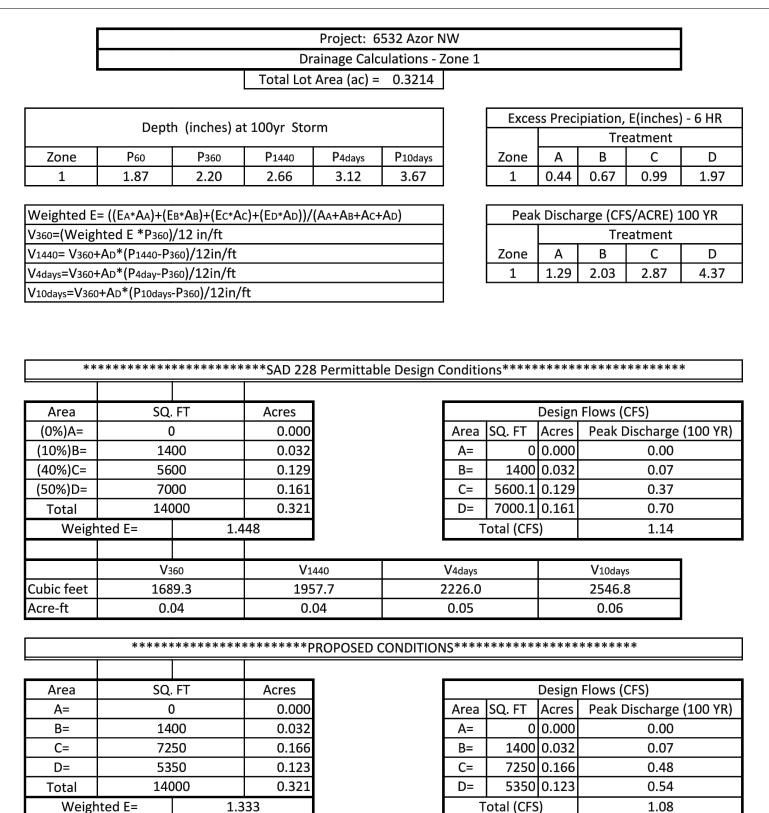


# City of Albuquerque

Planning Department Development & Building Services Division DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2016)

Project Title:	Building Permit	#: Hydrology File #:
DRB#:	_EPC#:	Work Order#:
Legal Description:		
City Address:		
Applicant:		Contact:
Address:		
		E-mail:
Other Contact:		Contact:
Address:		
Phone#:	_Fax#:	E-mail:
Check all that Apply: <b>DEPARTMENT:</b>		<b>TYPE OF APPROVAL/ACCEPTANCE SOUGHT:</b> <u>X</u> BUILDING PERMIT APPROVAL
X HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION		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)        Yes       XNG	-	<ul> <li>PRELIMINARY PLAT APPROVAL</li> <li>SITE PLAN FOR SUB'D APPROVAL</li> <li>SITE PLAN FOR BLDG. PERMIT APPROVAL</li> <li>FINAL PLAT APPROVAL</li> <li>SIA/ RELEASE OF FINANCIAL GUARANTEE</li> <li>FOUNDATION PERMIT APPROVAL</li> <li>GRADING PERMIT APPROVAL</li> <li>SO-19 APPROVAL</li> <li>PAVING PERMIT APPROVAL</li> <li>GRADING/ PAD CERTIFICATION</li> <li>WORK ORDER APPROVAL</li> <li>CLOMR/LOMR</li> </ul>
DATE SUBMITTED:	By:	
COA STAFF:	ELECTRONIC SUB FEE PAID:	MITTAL RECEIVED:





The 100 year peak flows for this developed site is 1.08 CFS and the SAD 228 permissible design flows are 1.14 CFS for an increase of -0.06 CFS.

V4days

0.05

1964.8

V10days

2210.0

0.05

First Flush Ponding Requirement = AD \*0.46 in/12in/ft = 205 CF

V1440

1759.7

0.04

#### DRAINAGE NARRATIVE:

V360

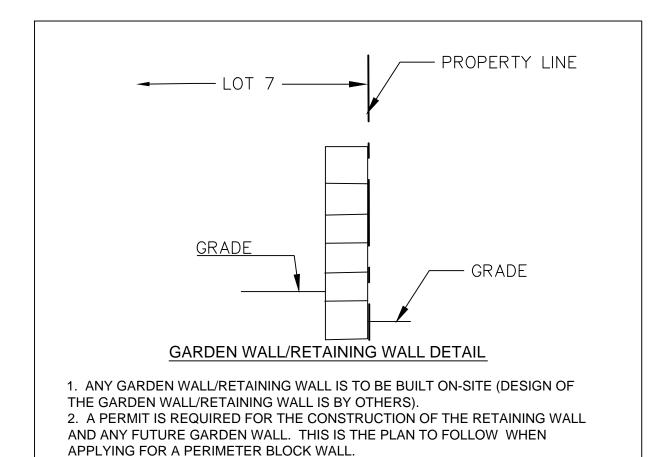
1554.6

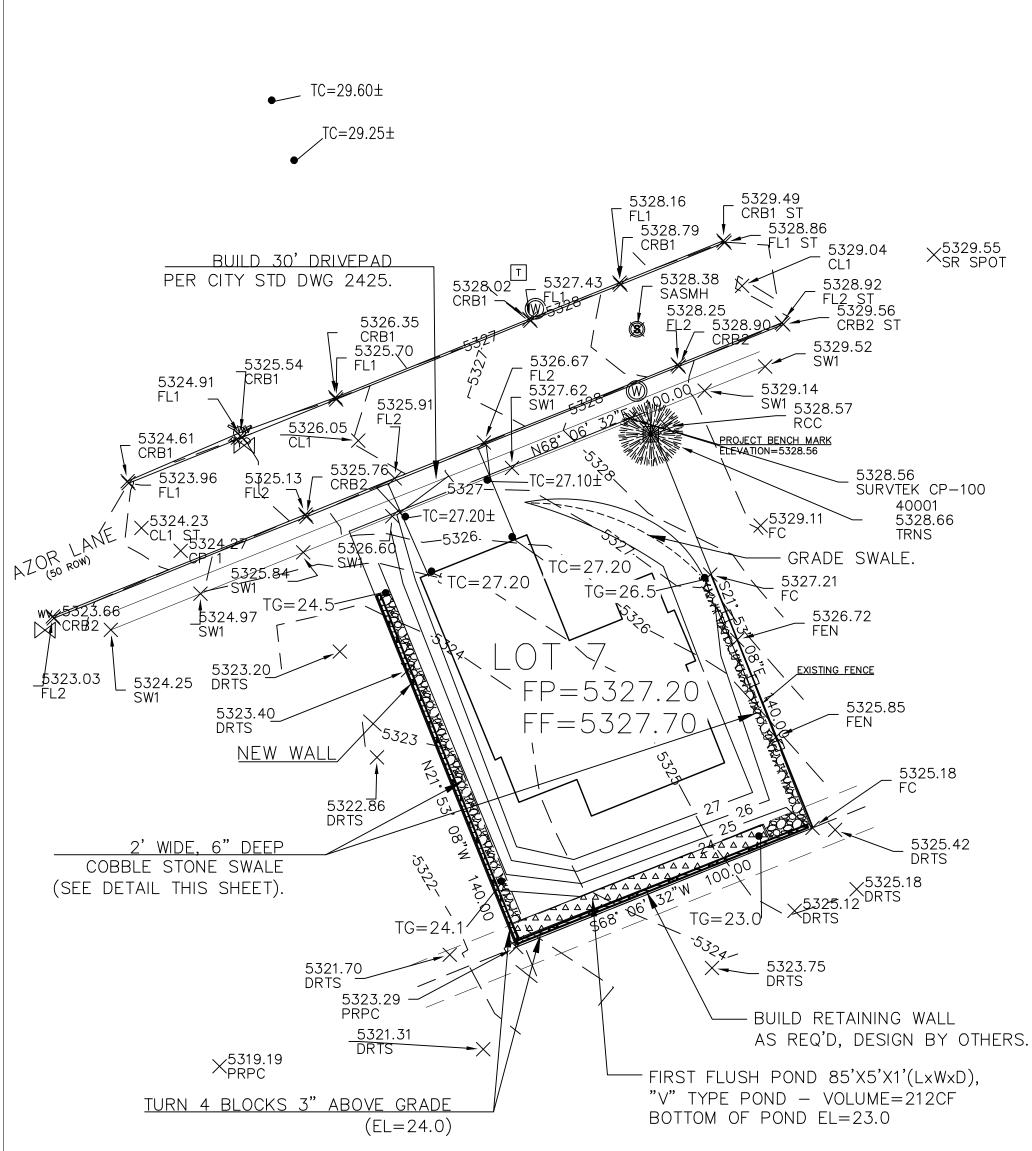
0.04

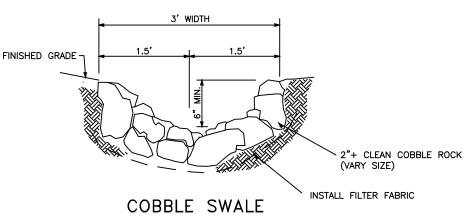
Cubic feet

Acre-ft

- 1. THIS SITE IS LOCATED WITHIN THE SAD 228 DRAINAGE MASTER PLAN AREA. 2. THIS SITE IS TO DRAIN IN A SOUTH WEST DIRECTION, PER THE SAD 228 DRAINAGE MASTER
- PLAN. 3. THE VOLUMES OF THE FIRST FLUSH POND IS 212CF, THIS IS
- GREATER THAN THE REQUIRED PONDING OF 205CF.







GENERAL NOTES:

1. THIS SITE IS NOT LOCATED IN A FEMA FLOOD HAZARD ZONE ( REFER TO THE FIRM MAP 35001C0112G,( 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.

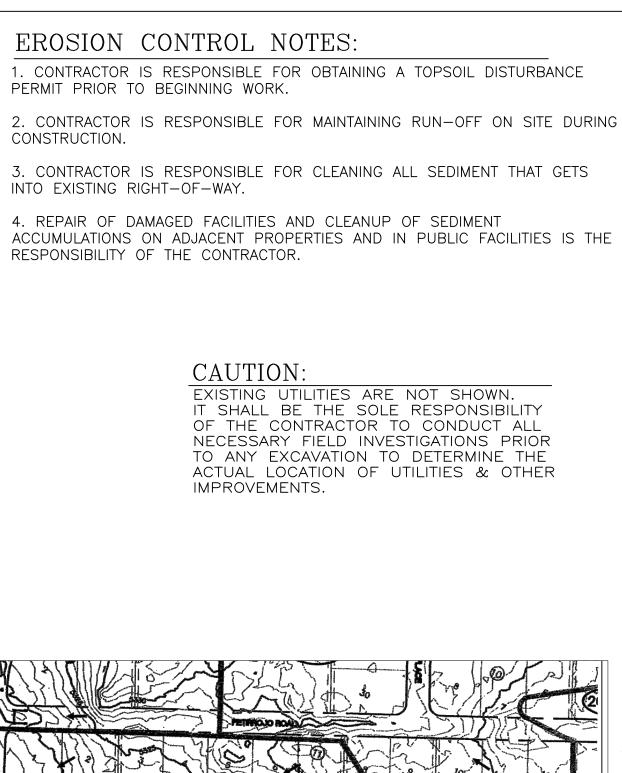
6. ALL WORK ON THIS PLAN SHALL BE DONE IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARDS. ALL APPLICABLE PERMITS SHALL BE OBTAINED PRIOR TO WORK COMMENCING

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.

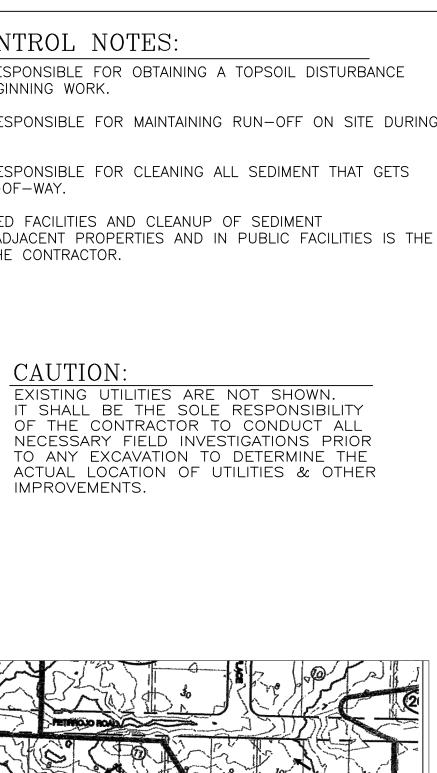
9. THE SURVEY INFORMATION WAS PROVIDED BY CONSTRUCTION SURVEYS TECHNOLOGIES, INC.

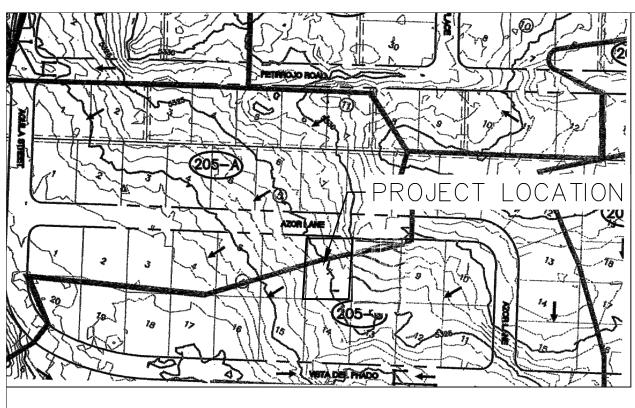
10. FOR SITE DIMENSIONS, BUILDING AND INFRASTRUCTURE LOCATION REFER TO THE SITE PLAN.



INTO EXISTING RIGHT-OF-WAY.

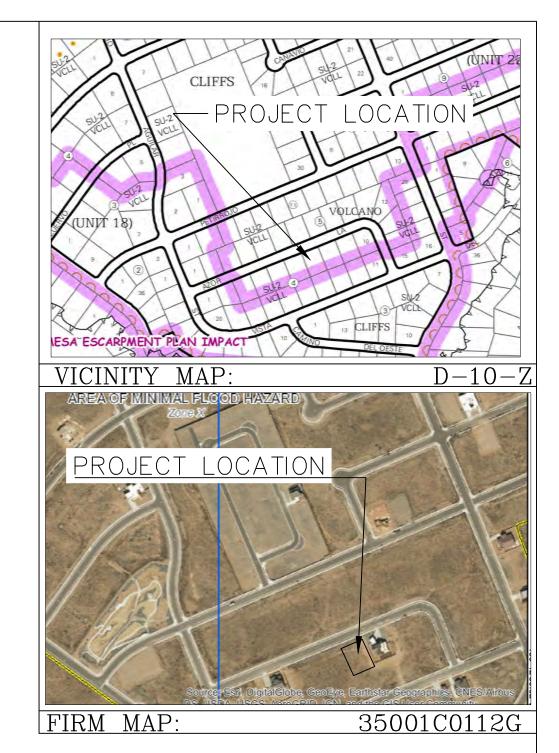
RESPONSIBILITY OF THE CONTRACTOR.





EXCERPT FROM SAD 228 DRAINAGE REPORT

I, RICHARD DOURTE HAVE PERSONALLY INSPECTED THE PROPERTY ON MAY 1, 2018. NO EARTHWORK HAS BEEN PERFORMED AND THE SITE IS CONSISTENT WITH THE Uchard RICHARD DOURTE P.E. #10854 DATE



LEGAL DESCRIPTION:

LOT 7, BLOCK 4, VOLCANO CLIFF, UNIT 19 CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.

2. RETAIN THE FIRST .46" OF STORM RUNOFF FROM ENTIRE DEVELOPMENT TO CONFORM TO THE WATER QUALITY REQURIEMENTS

## τπαπλιρ

	6.00	PROPOSED SPOT ELEVATION	
<u>TW=44</u>	.00	TOP OF WALL ELEVATION BOTTOM OF WALL ELEVATION	
560	¥ 1	- EXISTING CONTOUR	
560	0	- EXISTING INDEX CONTOUR	
560	1	- PROPOSED CONTOUR	
560	0	- PROPOSED INDEX CONTOUR	
		- LOT LINE	
		- RIGHT-OF-WAY	
		PROPOSED RETAINING WALL	
		PROPOSED ROCK FACE WALL	
============		EXISTING CURB AND GUTTER	
		PROPOSED EDGE OF CONCRETE	
-		PROPOSED FLOWLINE	
	//////	EXISITING WALL	
		PROPOSED BASIN BOUNDARY	
SEAL	Title 6532 A	ZOR LANE NE	DRAWN BY
RD H. DOUR	-6532 A	ZOR LANE NE G AND	
RD H. DOLANT	- 6532 A GRADIN		BY
RD H. DOUPART NM MEX-CO 10854	– 6532 A GRADINO DRAINAO	G AND	BY DATE D.dwg SHEET #
ENGINEER'S SEAL RD H. DOUP 10854 NMET S 10854 AROFESSION AROFESSION V07/18	– 6532 A GRADIN DRAINA <i>RH2</i> 4305	G AND GE PLAN	DATE