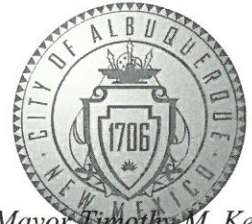


# CITY OF ALBUQUERQUE

Planning Department  
David Campbell, Director



Mayor Timothy M. Keller

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.

- 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.**

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,

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



# 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:** \_\_\_\_\_

**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Other Contact:** \_\_\_\_\_ **Contact:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

diego.candelariahomes@gmail.com

Check all that Apply:

**DEPARTMENT:**

☒ HYDROLOGY/ DRAINAGE  
☐ TRAFFIC/ TRANSPORTATION

**TYPE OF SUBMITTAL:**

☐ ENGINEER/ARCHITECT CERTIFICATION

☐ CONCEPTUAL G & D PLAN

☒ GRADING PLAN

☐ DRAINAGE MASTER PLAN

☐ DRAINAGE REPORT

☐ CLOMR/LOMR

☐ TRAFFIC CIRCULATION LAYOUT (TCL)

☐ TRAFFIC IMPACT STUDY (TIS)

☐ OTHER (SPECIFY) \_\_\_\_\_

☐ PRE-DESIGN MEETING?

**TYPE OF APPROVAL/ACCEPTANCE SOUGHT:**

☒ 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

☐ OTHER (SPECIFY) \_\_\_\_\_

IS THIS A RESUBMITTAL?: ☐ Yes ☒ No

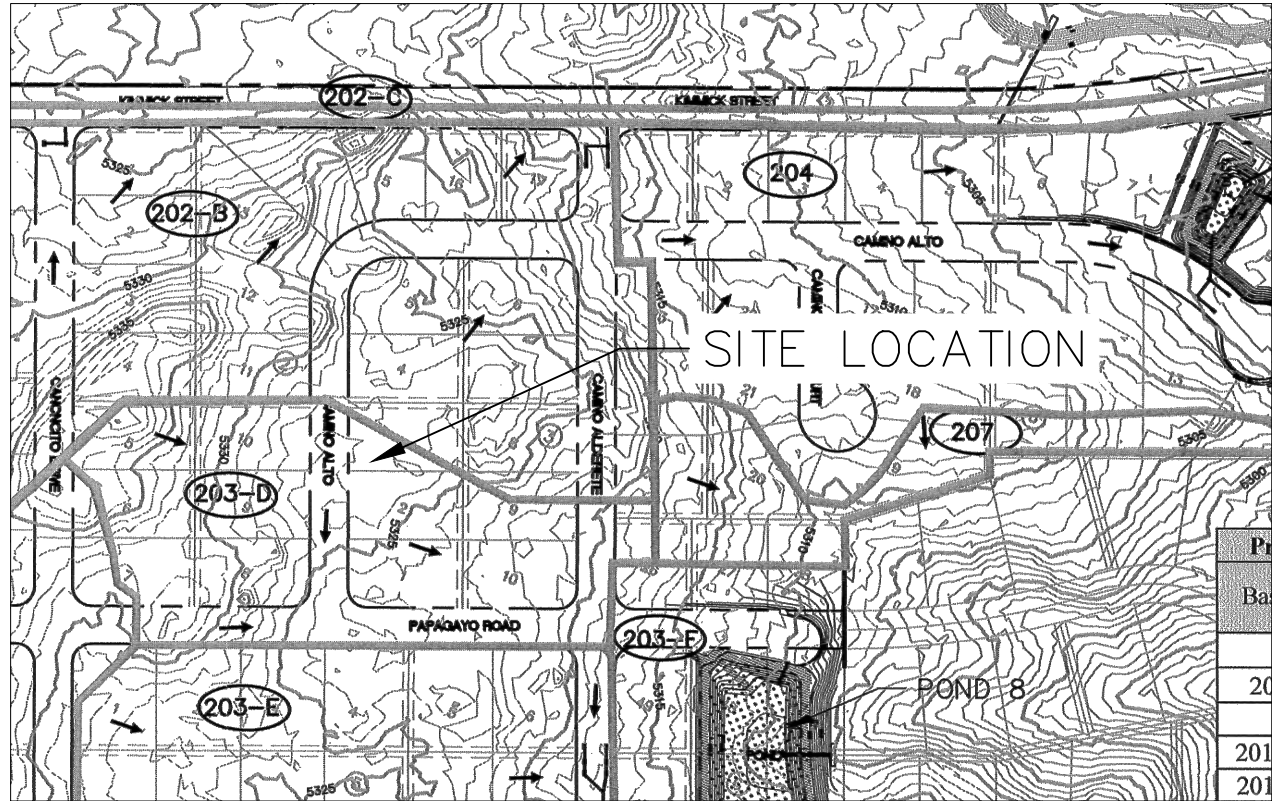
**DATE SUBMITTED:** \_\_\_\_\_ **By:** \_\_\_\_\_

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_

FEE PAID: \_\_\_\_\_





EXCERPT FROM SAD 228 DRAINAGE REPORT

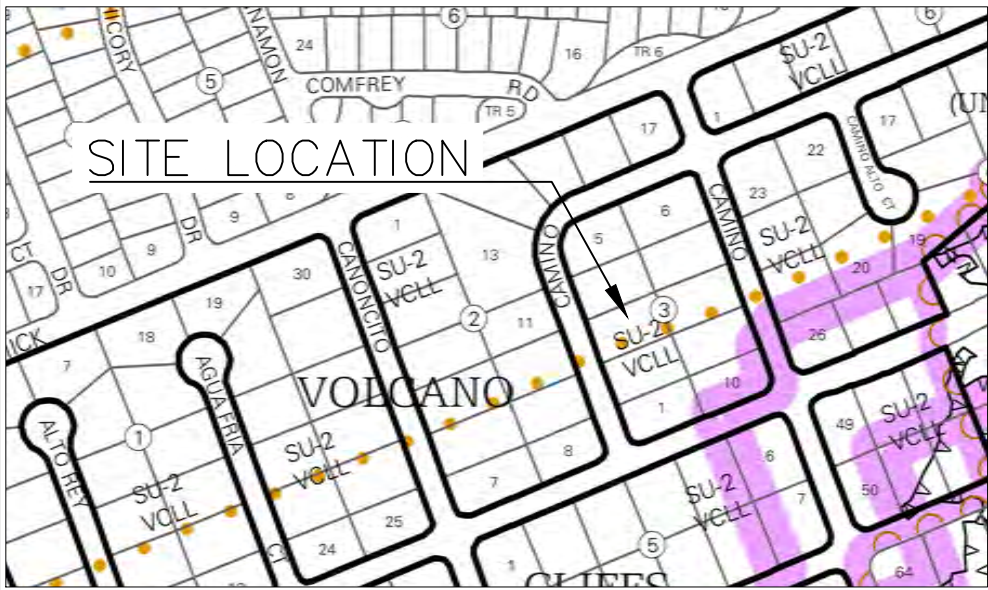
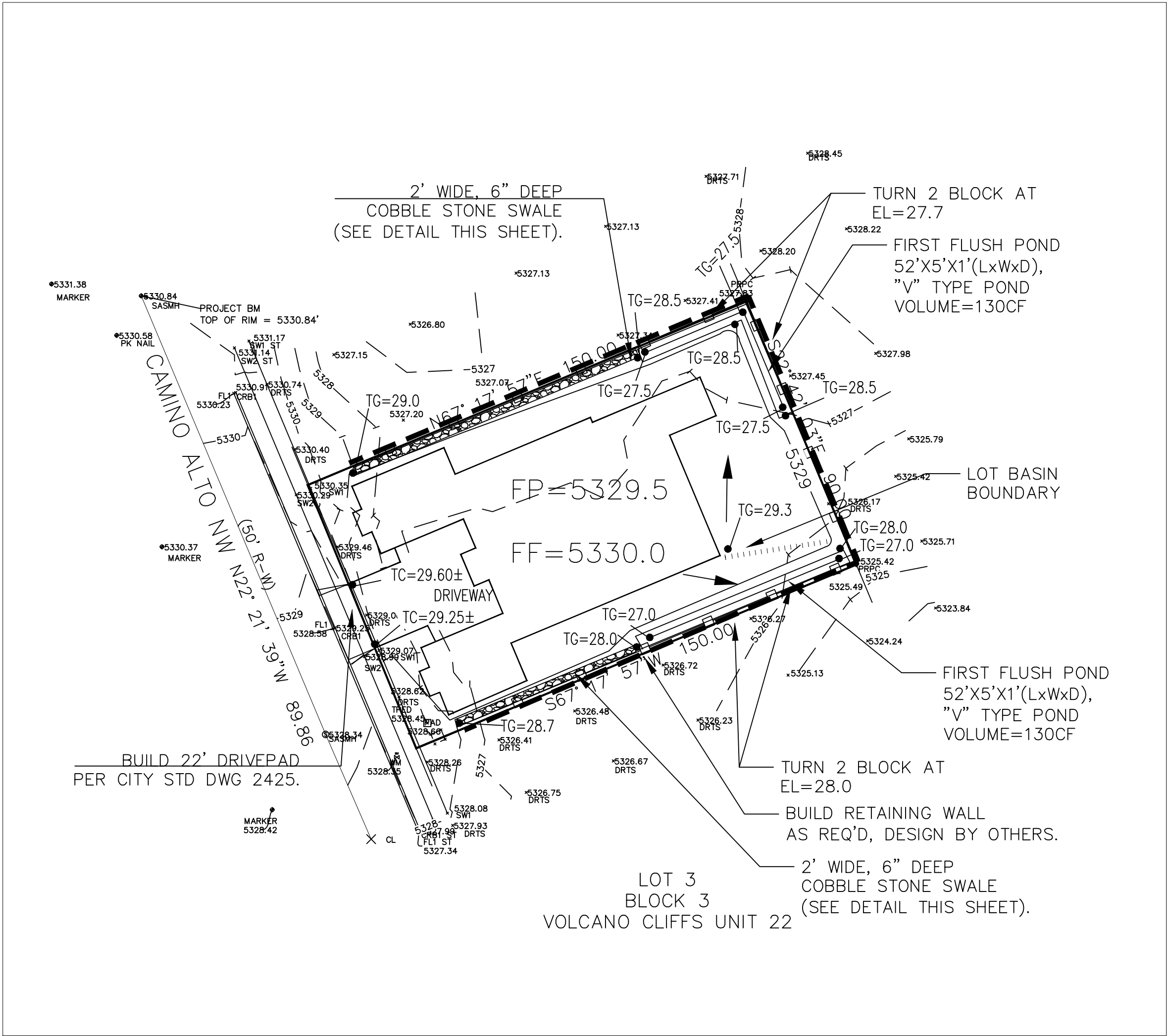
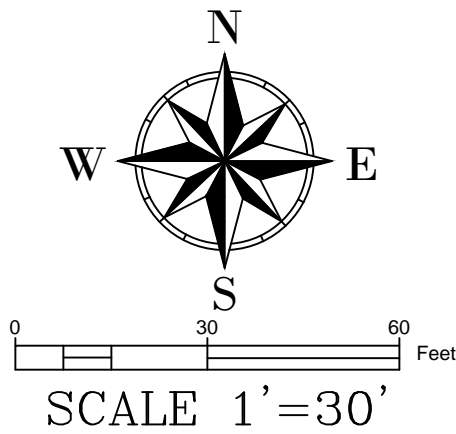
GENERAL NOTES:

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

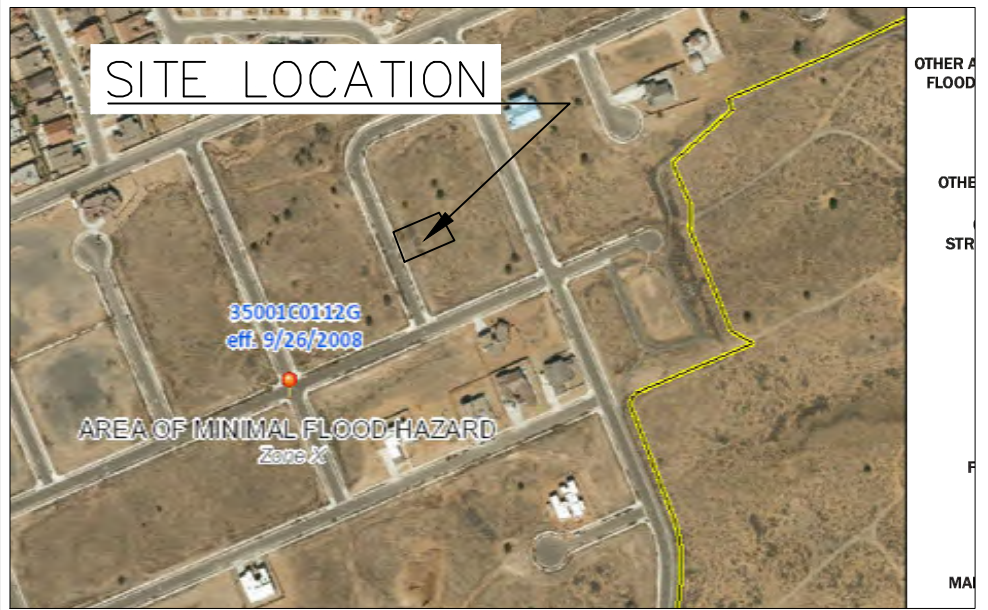
EROSION CONTROL NOTES:

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.



VICINITY MAP: D10-Z



FIRM MAP: 35001C00112G

LEGAL DESCRIPTION:

LOT 3, BLOCK 3, VOLCANO CLIFFS UNIT 22  
CITY OF ALBUQUERQUE  
BERNALILLO COUNTY, NEW MEXICO

NOTES:

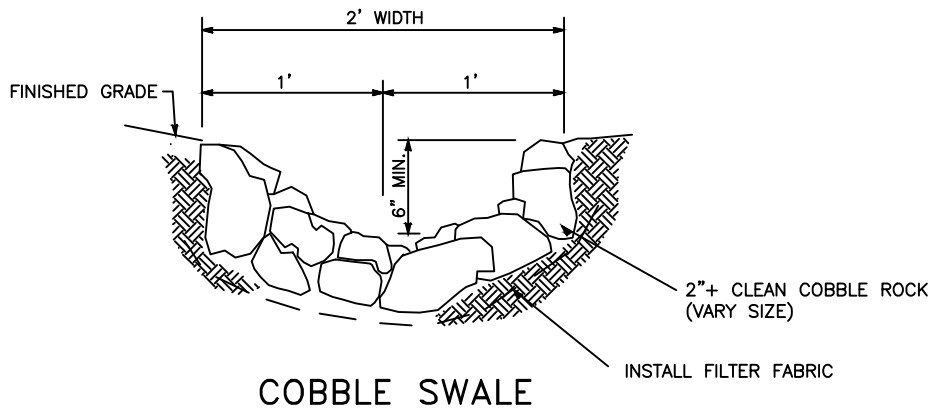
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. RETAIN THE FIRST .46" OF STORM RUNOFF FROM ENTIRE DEVELOPMENT TO CONFORM TO THE WATER QUALITY REQUIREMENTS

LEGEND

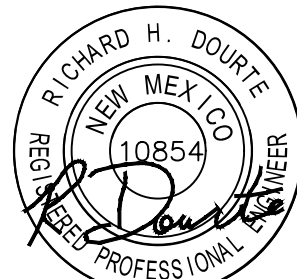
- TC=46.00  
FL=46.00  
TW=44.00  
PROPOSED SPOT ELEVATION  
TOP OF WALL ELEVATION
- 5601-----  
-----5600-----  
-----5601-----  
-----5600-----  
EXISTING CONTOUR  
EXISTING INDEX CONTOUR  
PROPOSED CONTOUR  
PROPOSED INDEX CONTOUR
- -----  
LOT LINE
- -----  
RIGHT-OF-WAY
- -----  
PROPOSED RETAINING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

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 1/2 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.



I HAVE PERSONALLY INSPECTED THE PROPERTY ON 4-12-18. NO EARTHWORK HAS BEEN PERFORMED AND THE SITE IS CONSISTENT WITH THE TOPO SHOWN.  
*Richard Dourte*  
Richard Dourte P.E. #10854

ENGINEER'S SEAL	Title 6328 CAMINO ALTO NW	DRAWN BY
	GRADING AND DRAINAGE PLAN	DATE
	<i>RHD Engineering, LLC</i> 4305 Purple Sage Ave. NW ALBUQUERQUE, NM 87120 (505) 288-1621	SHEET # 1 of 1
	Richard Dourte P.E. #10854	JOB #