

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

April 17, 2018

Jackie McDowell, PE
McDowell Engineering, Inc.
7820 Beverly Hills Ave NE
Albuquerque, NM 87121

**Re: Lot 1 Block 6 Unit 22 Volcano Cliffs, S.A.D. 228
6200 Camino Alto NW
Request Permanent C.O. – Accepted
Engineer's Stamp dated: 8-13-17 (D10D003B11)
Certification dated: 4/10/18**

PO Box 1293

Dear Ms. McDowell,

Albuquerque

Based on the Certification received 4/11/2018, the site is acceptable for release of Certificate of Occupancy by Hydrology.

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

NM 87103

Sincerely,

www.cabq.gov

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

RR/JDH
C: File D10D003B11



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: _____ Building Permit #: _____ City Drainage #: _____

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: _____

City Address: _____

Engineering Firm: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Owner: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Architect: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Surveyor: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Contractor: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY) **PAD CERTIFICATION**

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY) **PAD CERTIFICATION**

WAS A PRE-DESIGN CONFERENCE ATTENDED: _____ Yes _____ No _____ Copy Provided

DATE SUBMITTED: _____ By: _____

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development

STANDARD GRADING NOTE: THE MAXIMUM GRADED SIDE SLOPE SHALL NOT EXCEED 3 FEET (HORIZONTALLY) TO 1 FOOT (VERTICALLY). AREAS DISTURBED BY GRADING WHICH WILL NOT BE TREATED WITH LANDSCAPING SHALL BE SEEDDED.

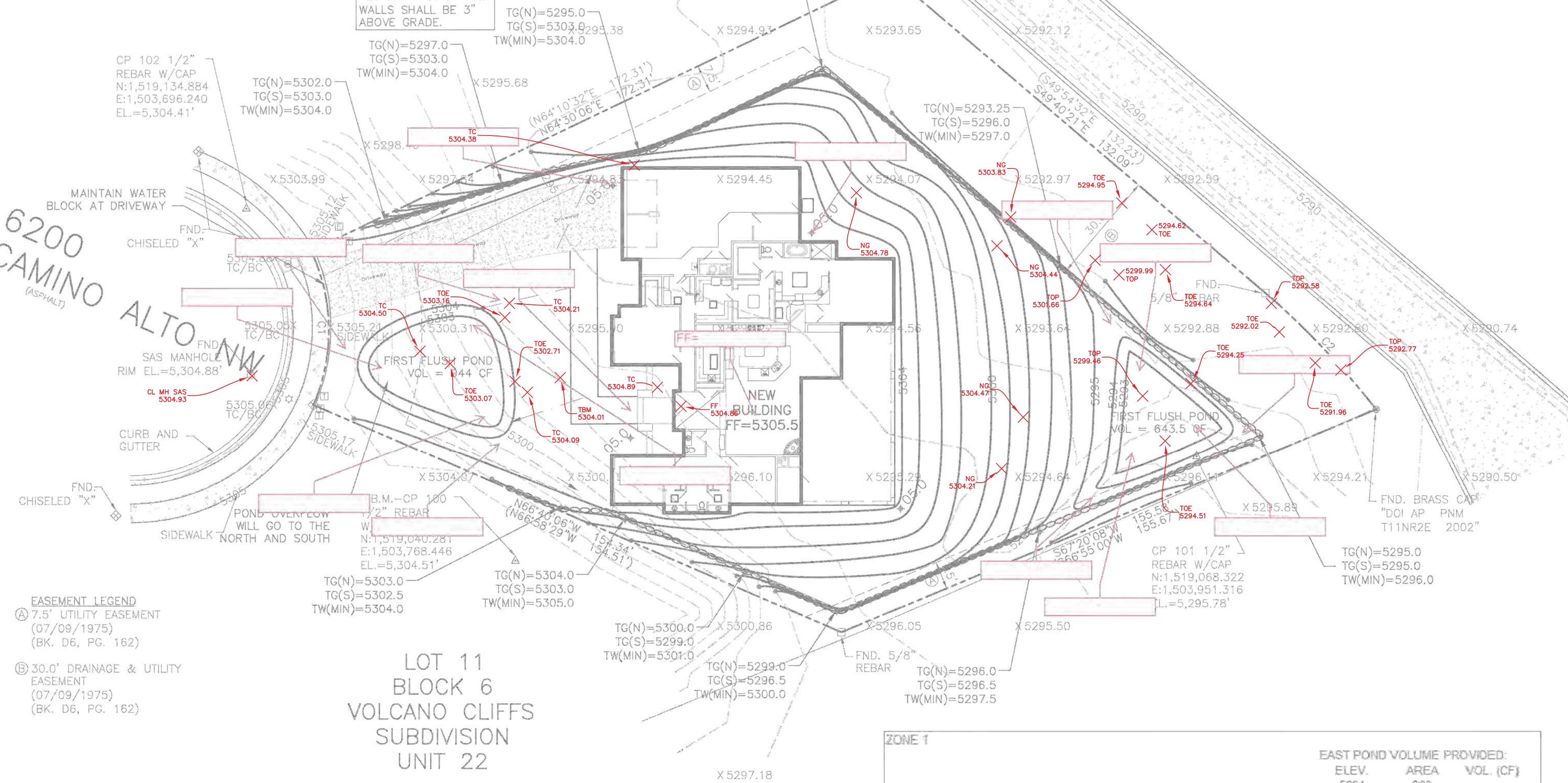
STANDARD WALL AND PAD CERTIFICATION NOTES:

ALL PERMITTER GARDEN WALLS SHALL BE PERMITTED SEPARATELY.

A PAD CERTIFICATION IS REQUIRED BEFORE THE BUILDING PERMIT IS RELEASED.

This is the plan to be used for any garden walls and any openings in the walls shall be placed 3" above final grade in the rear yard to allow for cross lot drainage from west to east (upstream to downstream).

PROPERTY LINE WALLS AND GARDEN WALLS SHALL HAVE TURNED BLOCKS OR WEEP HOLES FOR DRAINAGE. ALL OPENINGS IN THE WALLS SHALL BE 3" ABOVE GRADE.



EASEMENT LEGEND
Ⓐ 7.5' UTILITY EASEMENT (07/09/1975) (BK. D6, PG. 162)
Ⓑ 30.0' DRAINAGE & UTILITY EASEMENT (07/09/1975) (BK. D6, PG. 162)

LOT 11
BLOCK 6
VOLCANO CLIFFS
SUBDIVISION
UNIT 22

SURVEY NOTES:

PROJECT LOCATION

6200 CAMINO ALTO, ALBUQUERQUE, NEW MEXICO

LEGAL DESCRIPTION

LOT 11, BLOCK 6, VOLCANO CLIFFS SUBDIVISION, UNIT 22

SURVEY INFORMATION

TOPOGRAPHIC SURVEY PERFORMED AND COMPILED BY TERRA LAND SURVEYS, LLC. CORRALES, NEW MEXICO JULY 2017.

PROJECT BENCHMARK

PROJECT BENCHMARK IS A USGLO SECTION CORNER DISC SET IN A 12 INCH CONCRETE POST POURED AROUND THE ORIGINAL IRON PIPE 1 FOOT ABOVE GROUND STAMPED, "S21, S22, S28, S27, 111, R2E, 1911," TO REACH THE STATION BENCHMARK FROM THE INTERSECTION OF MONTANO ROAD AND UNSER BOULEVARD NORTHWEST, TRAVEL NORTHWEST ON UNSER BOULEVARD 0.78 MILES TO MOLTEN ROCK ROAD NORTHWEST, TURN LEFT AND TRAVEL 320 FEET TO 81ST STREET NORTHWEST AND THE STATION IS LOCATED ON THE SOUTHEAST QUADRANT OF THE INTERSECTION. ELEVATION = 5,330.151 FEET.

TEMPORARY BENCHMARK

TEMPORARY BENCHMARK IS CP 100 A SET 1/2 INCH REBAR WITH CAP STAMPED "TERRA CONTROL." ELEVATION=5,304.51 FEET (NAVD 1988 VERTICAL DATUM).

NOTES

1. FIELD SURVEY PERFORMED IN JULY 2017.

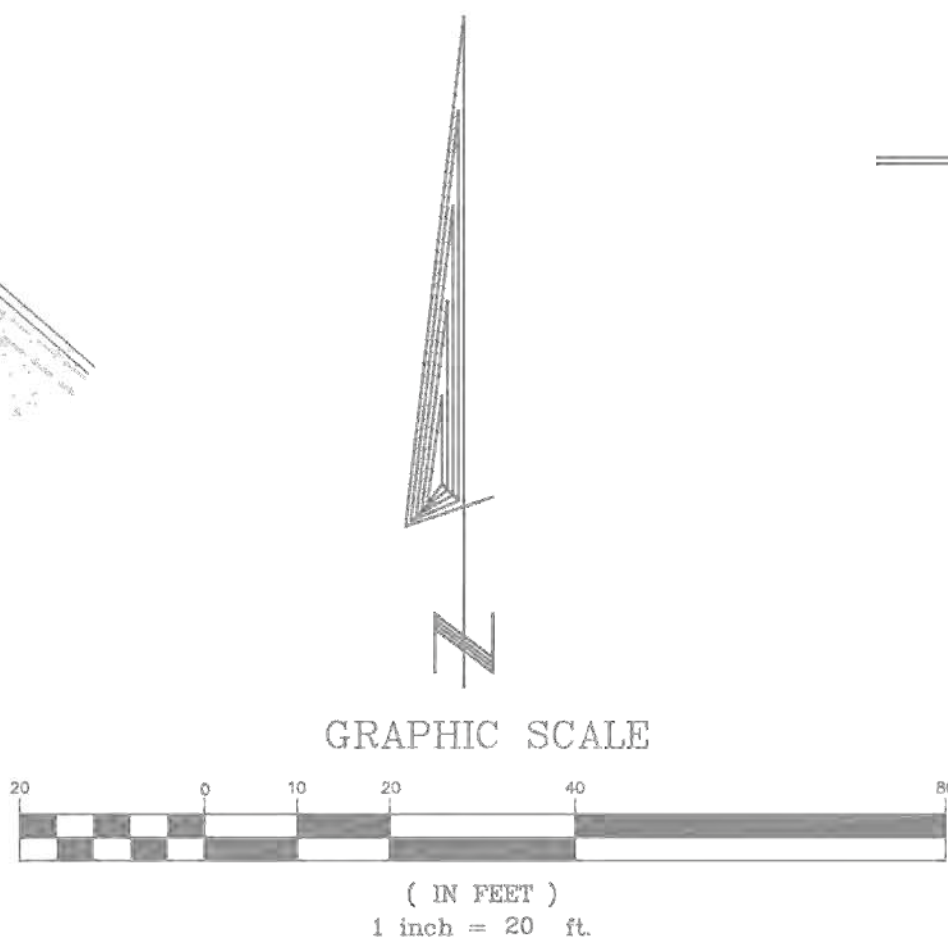
2. TOPOGRAPHIC SURVEY WAS COMPILED UTILIZING GROUND COORDINATES REFERENCED TO THE NAD 83 NEW MEXICO CENTRAL ZONE COORDINATE SYSTEM. PRIMARY HORIZONTAL AND VERTICAL CONTROL WAS ESTABLISHED UTILIZING GPS RTK METHODS (COMBINED GROUND TO GRID FACTOR = 0.999671197/1.000328910876 SCALED AROUND 0,0).

3. ELEVATIONS SHOWN FOR PIPES ARE INVERT ELEVATIONS UNLESS OTHERWISE SPECIFIED.

4. CONTOURS SHOWN HEREON ARE AT A ONE FOOT INTERVAL REFERENCED TO THE NAVD 88 VERTICAL DATUM.

5. THIS IS NOT A BOUNDARY SURVEY. APPARENT PROPERTY CORNER AND PROPERTY LINES ARE SHOWN FOR INFORMATION ONLY. BOUNDARY DATA SHOWN IS FROM A RECORD DOCUMENT.

CURVE TABLE					
CURVE	DELTA ANGLE	DEGREE OF CURVE	ARC LENGTH	RADIUS	CHORD BEARING
C1	48°50'53"	114°35'30"	42.63'	50.00'	N00°53'53"W
	(48°50'59")		(42.63')	(50.00')	(41.35')
C2	10°45'10"	24°54'56"	43.16'	229.96'	S43°34'48"E
	(10°43'37")		(43.05')	(229.96')	(42.99')



	LEGEND	
	EXISTING	PROPOSED
CONTOUR	--- 6045 ---	--- 6045 ---
PROPERTY LINE	---	---
ROAD	---	---
SETBACK	---	---
RETAINING WALL	---	---
SPOT ELEVATION	X 5333.53	X 5333.53

CERTIFICATE OF OCCUPANCY

I, JACKIE S. MCDOWELL, NMPE # 10903, OF THE FIRM MCDOWELL ENGINEERING, INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 8-13-17. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 4-10-18 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT FOR A REQUEST FOR CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT AND TO CONFIRM THAT THE BUILDING PAD IS AT THE GRADE PROVIDED. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

8-13-17

CO CERTIFICATION 4-10-18

ENGINEER'S CERTIFICATION:

I, Jackie S. McDowell, hereby certify that I personally inspected the site shown on this plan on July 30, 2017 and as of that date it appeared that no filling, grading, or excavation had occurred thereon since completion of the topographic survey used to prepare this plan.

CITY OF ALBUQUERQUE, BERNALILLO COUNTY				NEW MEXICO	
LOT 11, BLOCK 6, UNIT 22 VOLCANO CLIFFS SUBDIVISION					
CANDELARIA -- STENZEL-- GRADING & DRAINAGE PLAN					
McDowell Engineering, Inc.					
7820 BEVERLY HILLS AVE. NE • ALBUQUERQUE, NM 87122					
TELE: 505-828-2430 • FAX: 505-821-4857					
Designed	JSM	Drawn	STAFF	Checked	JSM
				Sheet	of
File	CAN0317L		Date	AUGUST, 2017	
				1	1

ZONE 1			
Areas: (acres)	Existing	Proposed	Total
Treatment A	0.0	0.0	0.0
Treatment B	0.0	0.0	0.0
Treatment C	0.0	0.0	0.0
Treatment D	0.0	0.0	0.0
Total (acres) =	0.0	0.0	0.0
Volume	100 year	Existing	
Volume (acre-feet) =	0.02		
Volume (cubic feet) =	1.08		
FIRST FLUSH REQUIRED POND VOL = 0.34/(12")/F			
Total Q(p), cfs:	100 year	Existing	
Treatment A	0.0		
Treatment B	0.0		
Treatment C	0.0		
Treatment D	0.0		
Total Q (cfs) =	0.0		

EAST POND VOLUME PROVIDED:		
ELEV.	AREA	VOL. (CF)
5294	808	643.5
5293	479	

DRAINAGE PLAN

SCOPE:

Pursuant to the latest City of Albuquerque and Bernalillo County Ordinances, the Drainage Plan shown hereon outlines the drainage

