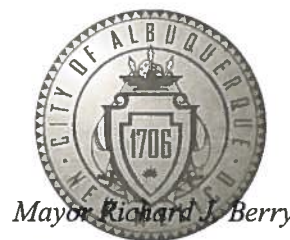


# CITY OF ALBUQUERQUE

*Planning Department*  
Suzanne Lubar, Director



*Mayor Richard J. Berry*

December 22, 2015

Steve Metro, P.E.  
Metro Development Inc.  
8860 Desert Finch Ln. NE  
Albuquerque, New Mexico 87122

**RE: Lot 39 Block 8 Unit 22 Volcano Cliffs Subd.  
6408 Canavio Pl. NW  
Request for Permanent C.O. - Accepted  
Engineers Stamp Date 3/25/15 (D10D003E6)  
Certification Dated: 12/10/15**

Dear Mr. Metro,

PO Box 1293

Based on the Certification received 12/21/2015, the above mentioned residence is acceptable for release of Certificate of Occupancy by Hydrology.

If you have any questions, please contact me at 924-3695 or Totten Elliott at 924-3982.

Albuquerque

Sincerely,

New Mexico 87103

Abiel Carrillo, P.E.  
Principal Engineer, Planning Department  
Development and Review Services

[www.cabq.gov](http://www.cabq.gov)

TE/AC  
C: File

I, Steven J. Metro, NMPE 8220, OF THE FIRM Metro Development, 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 3-25-2015. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AS SUPPLEMENTAL DATA TO THE ORIGINAL TOPOGRAPHIC SURVEY PREPARED BY Steven J. Metro, NMPS 10025, OF THE FIRM Metro Development, Inc., AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR Certificate of Occupancy at 6408 Canavio Place., NW.

Steven J. Metro, NMPE 8220 and NMPS 10025



AS-BUILT 12-11-15  
PAD CERT 7-15-15

**GRADING & DRAINAGE PLAN**  
**6406-~~6412~~ Canavio Place NW**  
**LOT ~~8~~ X-6, BLOCK 8, UNIT 22 VCS**

<del>LOT 5, BLOCK 8,</del>	<del>AREA LOT</del>	<del></del>	<del>SAD 228</del>	<del>Q100 CFS</del>	<del>TOTAL</del>	<del>SAD 228</del>	<del>DRAIN TO</del>	<del></del>
<del>UNIT 22 VCS</del>	<del>SF</del>	<del>%</del>	<del>DMP %</del>	<del>/ ACRE</del>	<del>PROP</del>	<del>DMP</del>	<del>REAR OF</del>	<del>REAR LOT</del>
<del></del>	<del></del>	<del></del>	<del></del>	<del>ZONE 1</del>	<del>Q100 CFS</del>	<del>Q100 CFS</del>	<del>LOT SF</del>	<del>Q100 CFS</del>
TYPE D	5,500	46%	50	4.37	0.55	0.60	2,450	0.25
TYPE C	5,300	44%	40	2.87	0.35	0.32	2,700	0.18
TYPE B	1,200	10%	10	2.03	0.06	0.06	0	0.00
	12000	100%	100		0.96	0.97	5,150	0.42

LOT 6, BLOCK 8, UNIT 22 VCS	AREA LOT		SAD 228	Q100 CFS / ACRE	TOTAL PROP	SAD 228 DMP	DRAIN TO REAR OF	REAR LOT
	SF	%	DMP %	ZONE 1	Q100 CFS	Q100 CFS	LOT SF	Q100 CFS
TYPE D	5,500	46%	50	4.37	0.55	0.60	2,450	0.25
TYPE C	5,300	44%	40	2.87	0.35	0.32	2,700	0.18
TYPE B	<u>1,200</u>	<u>10%</u>	<u>10</u>	2.03	<u>0.06</u>	<u>0.06</u>	0	<u>0.00</u>
	12,000	100%	100		0.96	0.97	5,150	0.42

**LOT 6, BLOCK 8, UNIT 22 VOLCANO CLIFFS SUBDIVISION**

**6408 Canavio Place, NW Grading & Drainage Certification**

**By Steven J. Metro, PE and PS**

**December 11, 2015**

**DRAINAGE CERTIFICATION WITH VERIFICATION BY ENGINEER OF RECORD  
12-11-2015  
DRAINAGE CERTIFICATION**

I, Steven J. Metro, NMPE 8220, OF THE FIRM Metro Development, 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 3-25-2015. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AS SUPPLEMENTAL DATA TO THE ORIGINAL TOPOGRAPHIC SURVEY PREPARED BY Steven J. Metro, NMPS 10025, OF THE FIRM Metro Development, Inc., AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR Certificate of Occupancy at 6408 Canavio Place, NW.

THIS CERTIFICATION IS FOR THE 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. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

 12-11-15  
Steven J. Metro, NMPE 8220 and NMPS 10025



FIELD DENSITY TESTS  
 SEAMAN 7500 SERIES  
 MOISTURE-DENSITY GAUGE

JOB NO: 1410011700  
 PROJECT: SAD Lot Development  
 CLIENT:  
 CONTRACTOR: Guzman Construction

DATE:  
 TESTED BY: Timothy Sanchez  
 METER NO: 7586

TEST NUMBER	1	2	3	4	5	REMARKS
% COMPACTION REQUIRED	95.0	95.0	95.0	95.0		
% MOISTURE REQUIRED	9.0	9.0	9.0	9.0		
DENSITY STUDY COUNT	2053	2034	2061	2044		
MOISTURE COUNT	310.6	396.1	320.8	333.7		
MOISTURE	6.7	7.1	7.3	7.0		
% MOISTURE	5.5	5.6	5.9	5.6		
WET DENSITY	126.2	127.1	124.2	124.5		
DRY DENSITY	119.5	120.0	116.9	117.5		
% DRY DENSITY	95.3	95.7	93.2	93.7		
% VOIDS						
% ASPHALT DENSITY						
LOCATION/ELEVATION	6439 Pacardia Place NW / Finished Foundation Grade	6443 Pacardia Place NW / Finished Foundation Grade	6408 Canavio Place NW / Finished Foundation Grade	6412 Canavio Place NW / Finished Foundation Grade		





# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: 6408 Canavija PL NW Building Permit #: \_\_\_\_\_ City Drainage #: \_\_\_\_\_

DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_

Legal Description: Lot 39, Block 8, Unit 22 VCS

City Address: 6439 Picardia PL NW, ABD, NM

Engineering Firm: Metro Development, Inc. Contact: Steve Metro

Address: 8865 Desert Front Lane AGE NW

Phone#: 281-4553 Fax#: \_\_\_\_\_ E-mail: smetro@metrodevelopment.net

Owner: Rio Grande Realty Contact: Todd Kruger

Address: PO Box Carrizo NM

Phone#: 250-8135 Fax#: \_\_\_\_\_ E-mail: t.kruger@rgre.net

Architect: \_\_\_\_\_ Contact: \_\_\_\_\_

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

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

Surveyor: Metro Development Inc 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) AS BUILT G&D

### 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) \_\_\_\_\_

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

DATE SUBMITTED: 12-21-15 By: Steve Metro

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