

CITY OF ALBUQUERQUE



June 25, 2015

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

**RE: SAD 228, Lot 9 Block 5 Unit 18
8008 Compass Dr. NW
Request for Permanent C.O. - Accepted
Engineers Stamp Date 12/8/14 (D10D003K9)
Certification Dated: 6-22-15**

Dear Mr. Metro,

Based on the Certification received 6/24/2015, the above mentioned residence is acceptable for release of Certificate of Occupancy by Hydrology.

PO Box 1293

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

Albuquerque

Sincerely,

Rita Harmon, P.E.
Senior Engineer, Hydrology
Planning Department

New Mexico 87103

www.cabq.gov

RR/RH
C: File



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Lot Grading Abrayo Lot Building Permit #: _____ City Drainage #: D10D003K9

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

Legal Description: Lot 9 Block 5 Unit 18 VCS

City Address: 8008 Compass Dr. NW

Engineering Firm: Metro Development Inc (MOI) Contact: Steve Metro

Address: 8860 Desert Fench ME ABO NM 87122

Phone#: 505-280-4553 Fax#: 348-4055 E-mail: steve.metro@metroinc.com

Owner: Abrayo Homes Contact: Mackenzie Bishop

Address: Po Box 65808 ABO NM 87193

Phone#: 505-269-0915 Fax#: - E-mail: mackenzie@abrayohomes.com

Architect: NM Contact: _____

Address: _____

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

Surveyor: MOI Steve Metro Contact: Steve Metro

Address: Same as above

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

Contractor: Anyman Contact: _____

Address: _____

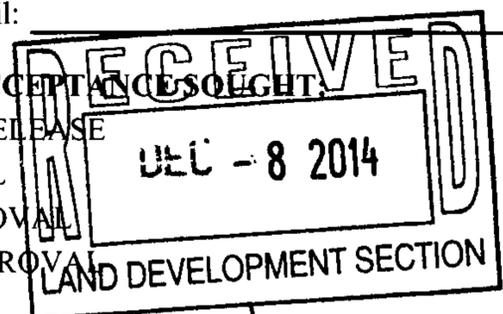
Phone#: _____ Fax#: _____ E-mail: _____

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)

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)



\$ 50.00

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

DATE SUBMITTED: 12-8-14 By: [Signature]

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

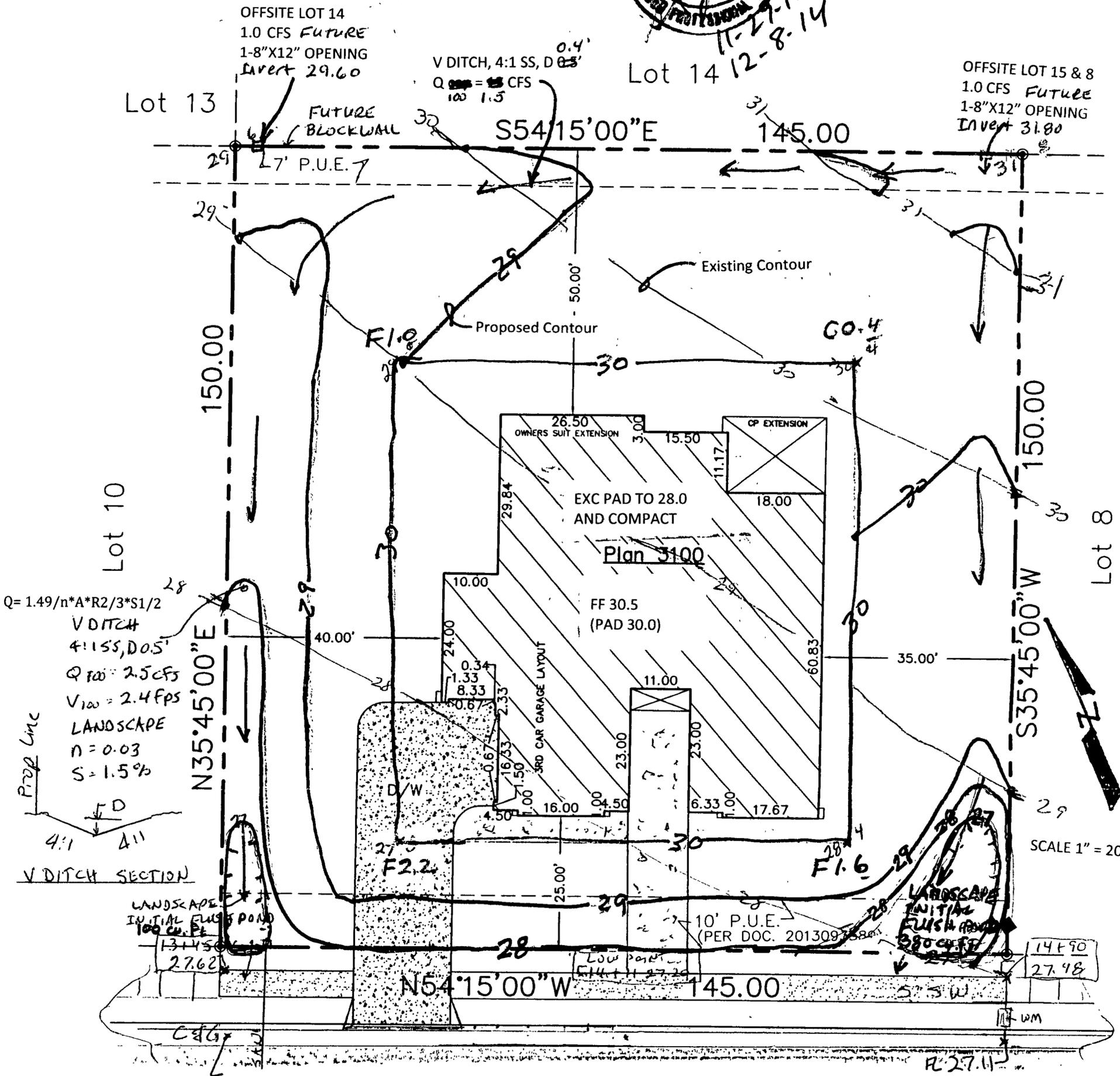
downside. PINDRE. Design Review

Abrazo HOMES

COVER	AREA LOT		SAD 228	Q100 CFS	SAD 228
	SF	%	DMP %	/ ACRE	DMP
TYPE D	6,800	31	50	4.37	1.09
TYPE C	10,550	49	40	2.87	0.57
TYPE B	4,400	20	10	2.03	0.21
	21,750	100	100		1.76



Prepared by Steven J. Metro, PE and PS
Wilson & Company



COMPASS DRIVE, N.W.
(64' R/W)

LOT 9, BLOCK 5, UNIT 18 VCS
8008 COMPASS DRIVE, NW
GRADING PLAN

LOT 9, BLOCK 5, UNIT 18 VOLCANO CLIFFS SUBDIVISION

8008 Compass Drive, NW Grading & Drainage Certification

By Steven J. Metro, PE and PS

June 22, 2015

**DRAINAGE CERTIFICATION WITH VERIFICATION BY ENGINEER OF RECORD
6-22-2015
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 12-5-3015. 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 8008 Compass Drive, NW.

THIS CERTIFICATION IS FOR THE FINAL GRADING & DRAINAGE AND PAD ELEVATION.

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.


Steven J. Metro, NMPE 8220 and NMPS 10025



CITY OF ALBUQUERQUE



December 15, 2014

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

**RE: SAD 228, Lot 7 Block 10
8008 Compass Dr. NW
Grading and Drainage Plan
Engineers Stamp Date 12/8/14 (D10-D003K9)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 12/8/14, this plan is approved for Grading Permit and Building Permit.

Please attach a copy of this approved plan to the construction sets in the permitting process prior to sign-off by Hydrology.

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

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

Sincerely,

Curtis Cherne, P.E.
Principal Engineer, Hydrology
Planning Department

RR/CC
C: File



FIELD DENSITY TEST
MOISTURE DENSITY GAUGE

8008 Compass Dr. NW

JOB NO. 08 400 104 02
PROJECT SAD 228
CLIENT _____
CONTRACTOR _____

DATE 12/29/2014
TESTED BY Timothy Sanchez
METER NO. 19640
SHEET 1 OF 1

TEST NUMBER	1	2				REMARKS
% COMPACTION REQUIRED	95.0	95.0				
% MOISTURE REQUIRED	9.0	9.0				
CONTACT						
AIR GAP (CPM)						
MOISTURE	10.7	10.9				
DENSITY STUDY COUNT	138.8	138.8	139.1			
MOISTURE (CPM)	98	93				
% MOISTURE	8.3	8.5				
BULK						
DRY DENSITY	128.1	128.2				
%(BULK) ASPHALT DENSITY						
% DRY DENSITY	102.2	102.2	✓			
TOP LIFT						
% TOP LIFT DENSITY						
LOCATION / ELEVATION	FINISHED GRADE TEST # 1					

CITY OF ALBUQUERQUE



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PO Box 1293

Albuquerque

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

New Mexico 87103

www.cabq.gov

Sincerely,

A handwritten signature in black ink, appearing to read 'Curtis Cherne'.

Curtis Cherne, P.E.
Principal Engineer, Hydrology
Planning Department

RR/CC
C: File

CITY OF ALBUQUERQUE



December 5, 2014

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

**RE: 8008 Compass Dr. NW
Grading and Drainage Plan
Engineers Stamp Date 11/29/14 (D10-D003K9)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 12/1/2014, the above referenced Grading and Drainage Plan cannot be approved for Grading Permit or Building Permit until the following comments are addressed.

- Provide a Vicinity map, a FEMA map or designation, a narrative. *on cover*
- Mention of the first flush per EPA standards is required. The amount required is .34" times the impervious area. *on cover*
- Provide a section of the V Ditch and calculations for the ditch. 13.0cfs seems a bit too much. Is the ditch a shared ditch, *if so where will the block fence be placed?* *NO*
- What are the inverts of the openings? Is this a block fence? *FUTURE*
- What is the flow line in the street? ✓

PO Box 1293

Albuquerque

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

New Mexico 87103

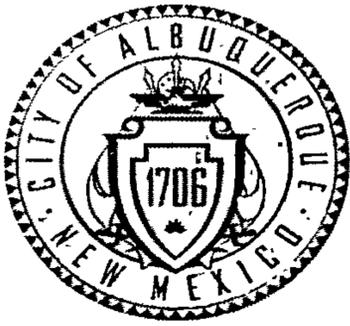
www.cabq.gov

Sincerely,

Curtis Cherne, P.E.
Principal Engineer, Planning Department
Development and Review Services

RR/CC
C: File

D10-2



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: LOT GRADING ABRAZO LOT Building Permit #: _____ City Drainage #: _____

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

Legal Description: Lot 9, Block 5, Unit 18, VCS

City Address: 8008 Compass Drive, NW

Engineering Firm: Metro Development, Inc (MDI) Contact: Steven Metro

Address: 8860 Desert Finch Ln NE 87122 ABQ, NM

Phone#: 505-280-4553 Fax#: 505-348-4055 E-mail: Steve.metro@wilsona.com

Owner: ABRAZO HOMES Contact: MaKenzie Bishop

Address: PO Box 65808 ABQ NM 87193

Phone#: 505-269-0915 Fax#: - E-mail: maKenzie@abrazohomes.com

Architect: NA Contact: _____

Address: _____

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

Surveyor: Steven Metro MDI Contact: Steven Metro

Address: 8860 Desert Finch Ln NE 87122

Phone#: 505-280-4553 Fax#: _____ E-mail: Steve.metro@wilsona.com

Contractor: Guyman Contact: _____

Address: _____

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

TYPE OF SUBMITTAL:

- DRAINAGE REPORT
- DRAINAGE PLAN 1st SUBMITTAL
- DRAINAGE PLAN RESUBMITTAL
- CONCEPTUAL G & D PLAN
- GRADING PLAN
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- TRAFFIC CIRCULATION LAYOUT (TCL)
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- 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: 12-1-14 By: [Signature]

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December 5, 2014

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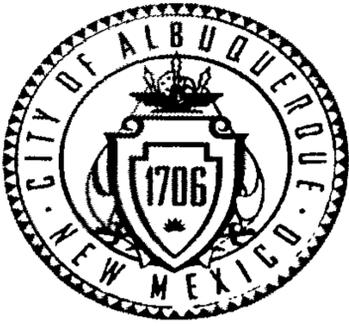
www.cabq.gov

Sincerely,

Curtis Cherne, P.E.
Principal Engineer, Planning Department
Development and Review Services

RR/CC
C: File

D-10-2



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

K9

Project Title: LOT GRADING ABRAZO LOT Building Permit #: _____ City Drainage #: D10D003

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

Legal Description: Lot 9, Block 5, Unit 18, VCS

City Address: 8008 Compass Drive, NW

Engineering Firm: Metro Development, Inc (MDI) Contact: Steven Metro

Address: 8860 Desert Fintch Ln NE 87122 ABO, NM

Phone#: 505-280-4553 Fax#: 505-348-4055 E-mail: Steve.metro@wilsona.com

Owner: ABRAZO HOMES Contact: Makenzie Bishop

Address: Po Box 65808 ABO NM 87193

Phone#: 505-269-0915 Fax#: - E-mail: makenzie@abrazohomes.com

Architect: NA Contact: _____

Address: _____

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

Surveyor: Steven Metro MDI Contact: Steven Metro

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Address: _____

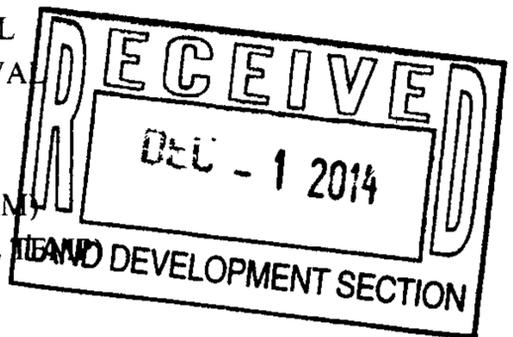
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TYPE OF SUBMITTAL:

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- CONCEPTUAL G & D PLAN
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- EROSION & SEDIMENT CONTROL PLAN (ESC)
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- OTHER (SPECIFY)

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

DATE SUBMITTED: 12-1-14 By: [Signature]

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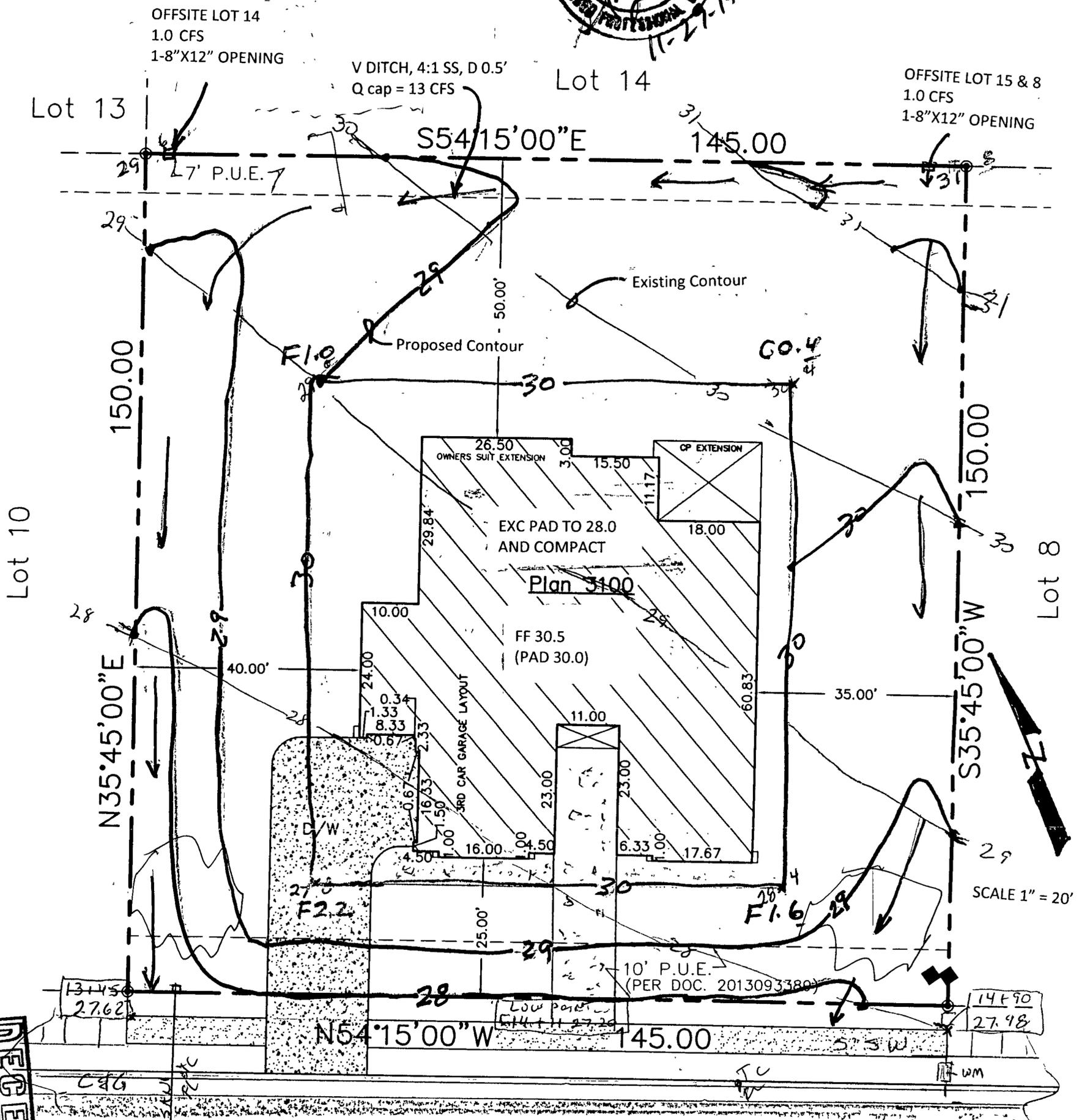
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Abrazo HOMES

COVER	AREA LOT		SAD 228	Q100 CFS	PROP	SAD 228
	SF	%	DMP %	/ ACRE	Q100 CFS	DMP
TYPE D	6,800	31	50	4.37	0.68	1.09
TYPE C	10,550	49	40	2.87	0.70	0.57
TYPE B	4,400	20	10	2.03	0.21	0.10
	21,750	100	100		1.59	1.76



Prepared by Steven J. Metro, PE and PS
Wilson & Company



RECEIVED
 LAND DEVELOPMENT SECTION
 DEC - 1 2014

COMPASS DRIVE, N.W.
(64' R/W)

LOT 9, BLOCK 5, UNIT 18 VCS
8008 COMPASS DRIVE, NW
GRADING PLAN