# CITY OF ALBUQUERQUE

*Planning Department*
Suzanne Lubar, Director

*Mayor Richard J. Berry*

November 4, 2016

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

RE: **Lot 23 Block 1 Unit 22 Volcano Cliffs Subd.**
**8004 Agua Fria Ct NW**
**Request for Permanent C.O. - Accepted** N23
**Engineers Stamp Date 5/18/16 (D10D003~~N23~~)**
**Certification Dated: 10/19/16** ~~G13~~ OK

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

Dear Mr. Metro,

Based on the Certification received 10/19/2016, the above mentioned residence is acceptable for release of Certificate of Occupancy by Hydrology.

If you have any questions, please contact me at 924-3686 or Totten Elliott at 924-3982.

Sincerely,

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

TE/AC
C: File, Cordova, Camille C.; Connor, Miranda, Rachel; Sandoval, Darlene M.; Blocker, Lois

# CITY OF ALBUQUERQUE

*Planning Department*
Suzanne Lubar, Director

*Mayor Richard J. Berry*

August 22, 2016

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

RE: **Lot 23 Block 1 Unit 22 Volcano Cliffs Subd.**
**8004 Agua Fria Ct NW**
**Request for Permanent C.O. - Not Accepted**
**Engineers Stamp Date 5/18/16 (D10D003N23)**
**Certification Dated: 10/19/16**

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

Dear Mr. Metro,

Based on the Certification received 10/19/2016, the above mentioned residence cannot be accepted for release of Certificate of Occupancy by Hydrology until the following comments are addressed:

- Open trenches are filled
- Landscaping is complete
- Retaining walls with both turn block openings in backyard are missing
- Pond in NW corner of backyard is missing

An inspection by our office will need to take place after these corrects are made.

If you have any questions, please contact me at 924-3686 or Totten Elliott at 924-3982.

Sincerely,

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

TE/AC
C: File, Cordova, Camille C.; Connor, Miranda, Rachel; Sandoval, Darlene M.; Blocker, Lois

# City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09 2015)

Project Title: 8004 Agua Fria Ct, NW G+D Plan Building Permit # _____ City Drainage #: D10D003N23

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

Legal Description: Lot 23, Block I, Unit 22 Volcano Cliffs Subdivision

City Address: 8004 Agua Fria Ct, NW

Engineering Firm: Metro Development, Inc Contact: Steve Metro

Address: 8860 Desert Fresh Ln NE, ABQ, NM 87122

Phone# 505-280-4553 Fax#: _____ E-mail: steve.metro@wilsonco.com

Owner: ABRAZO HOMES Contact: Mackenzie Bishop

Address: PO Box 65808

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

Architect: _____ Contact: _____

Address: _____

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

Other Contact: _____ Contact: _____

Address: _____

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

Check all that Apply.

DEPARTMENT:

X HYDROLOGY/ DRAINAGE

____ TRAFFIC/ TRANSPORTATION

____ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

____ ENGINEER/ ARCHITECT CERTIFICATION

____ CONCEPTUAL G & D PLAN

X GRADING PLAN

____ DRAINAGE MASTER PLAN

____ DRAINAGE REPORT

____ CLOMR/LOMR

____ TRAFFIC CIRCULATION LAYOUT

____ TRAFFIC IMPACT STUDY (TIS)

____ EROSION & SEDIMENT CONTROL PLAN (ESC)

X OTHER (SPECIFY) AS BUILT

IS THIS A RESUBMITTAL? ____ Yes X No

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

____ BUILDING PERMIT APPROVAL

X 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

____ PRE-DESIGN MEETING

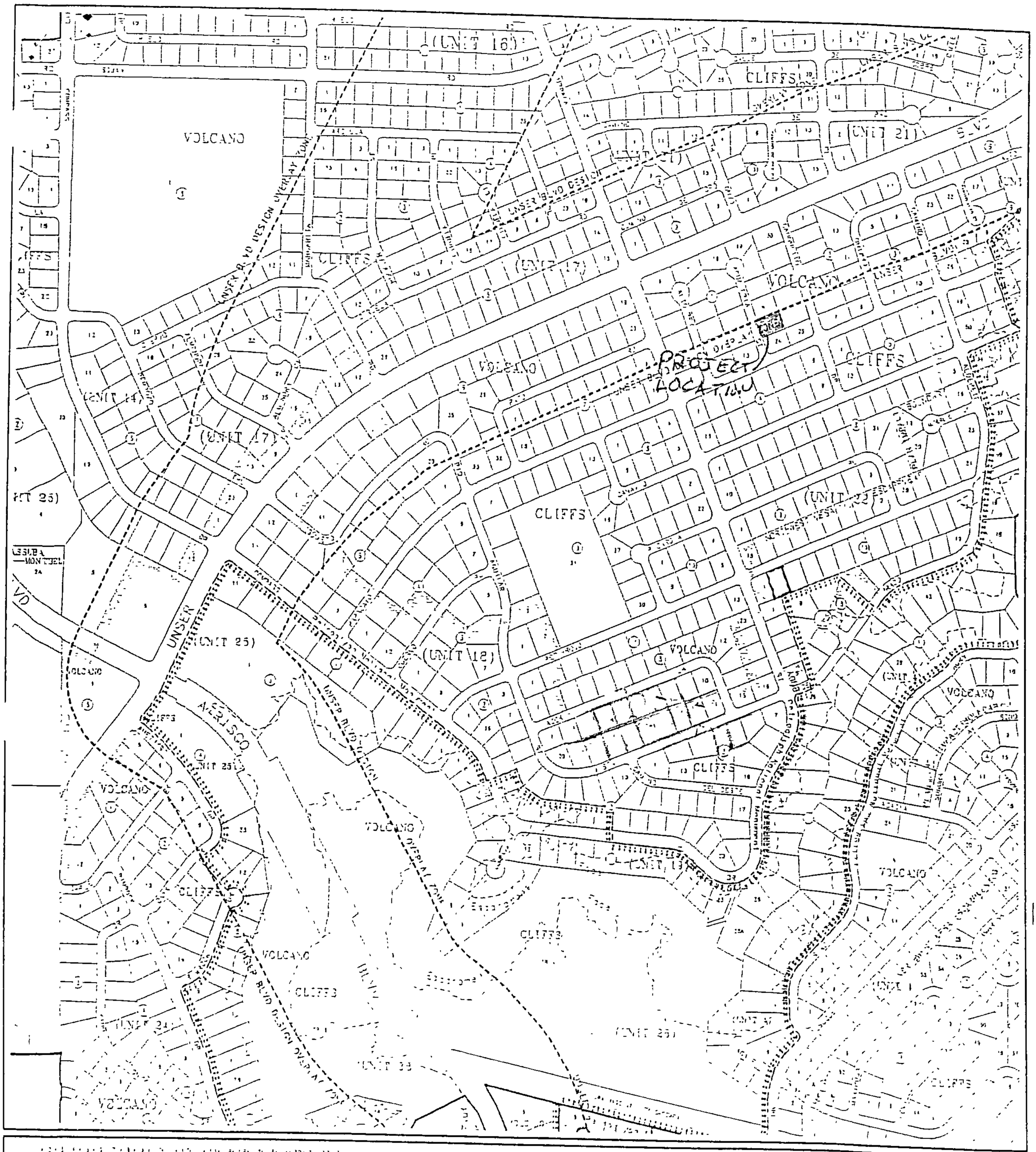
____ OTHER (SPECIFY) _____

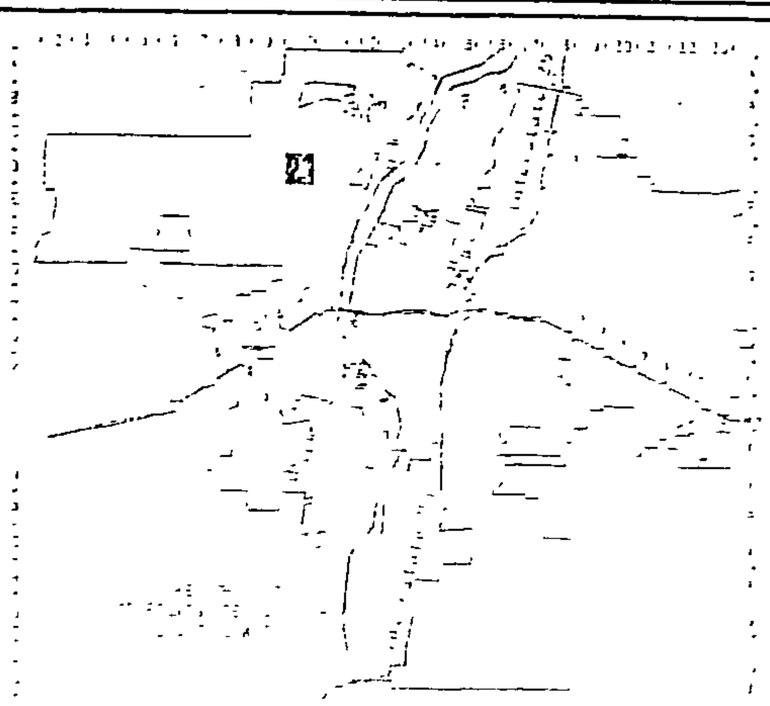
RECEIVED OCT 19 2016 LAND DEVELOPMENT SECTION

RECEIVED OCT 18 2016 LAND DEVELOPMENT SECTION

DATE SUBMITTED 10-19-16 By: Steven Metro

COA STAFF ELECTRONIC SUBMITTAL RECEIVED ____

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OCT 19 2016
LAND DEVELOPMENT SECTION

SCALE IN FEET

CITY OF Albuquerque

A G I S

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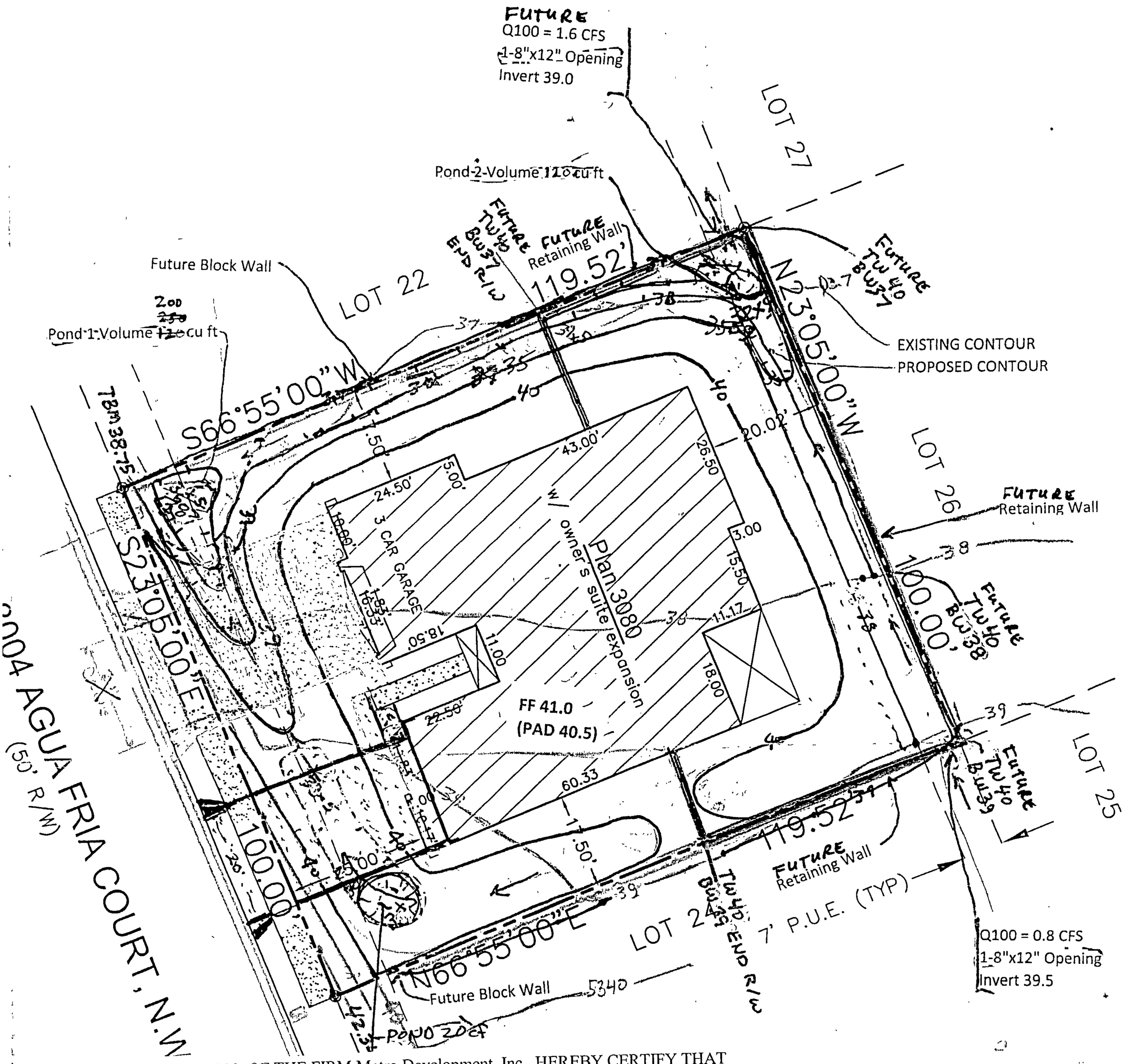
# Zone Atlas Page

# D-10-Z

Map Amended through January 11, 2002




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 4-29-2016 and modified 5-18-16. 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 8004 Agua Fria Ct, 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.

Steven J. Metro, NMPE 8220 and NMPS 10025

STEVEN J. METRO
NEW MEXICO
8220
PROFESSIONAL ENGINEER
4-29-16
5-18-16
10-19-16

| LOT 23, BLOCK 1, UNIT 22 VCS | AREA LOT SF | % | SAD 228 DMP % | Q100 CFS / ACRE ZONE 1 | TOTAL PROP Q100 CFS | SAD 228 DMP Q100 CFS | DRAIN TO REAR OF LOT SF | REAR LOT Q100 CFS |
|---|---|---|---|---|---|---|---|---|
| TYPE D | 5,200 | 43% | 50 | 4.37 | 0.52 | 0.60 | 3,200 | 0.32 |
| TYPE C | 5,600 | 47% | 40 | 2.87 | 0.37 | 0.32 | 2,800 | 0.18 |
| TYPE B | 1,200 | 10% | 10 | 2.03 | 0.06 | 0.06 | 600 | 0.03 |
| | 12000 | 100% | 100 | | 0.95 | 0.97 | 6,600 | 0.53 |

1"=20'

## AS BUILT

**REVISED 5-18-16**
Relocate DW and combine Ponds 1 and 3

PREPARED BY STEVEN J. METRO, PE AND PS

## GRADING & DRAINAGE PLAN
## 8004 AGUA FRIA CT, NW
## LOT 23, BLOCK 1, UNIT 22 VCS

Sheet 2 of 2

# CITY OF ALBUQUERQUE

*Planning Department*
Suzanne Lubar, Director

*Mayor Richard J. Berry*

May 23, 2016

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

RE: **Lot 23 Block 1 Unit 22 Volcano Cliffs SAD 228**
**8004 Agua Fria Ct. NW**
**Grading and Drainage Plan**
**Engineers Stamp Date 5/18/16 (D10D003N23)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 5/18/2016, this plan is approved for Grading Permit and Building Permit.

Please inform the Architect/Owner or contractor to attach a copy of this approved plan dated 5/18/16 to the construction sets in the permitting process prior to sign-off by Hydrology, otherwise the permitting process will be delayed until this plan is provided. Also advise the owner/contractor that a separate wall permit will be needed.

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

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

Sincerely,

Abiel Carrillo, P.E.
Principal Engineer, Hydrology
Planning Department

RR/AC
C: File

PO Box 1293
Albuquerque
New Mexico 87103
www.cabq.gov

# City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09 2015)

Project Title: 8004 Agua Fria CT, NW G+D Plan Building Permit #: _____ City Drainage #: D10D003N23

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

Legal Description: Lot 23, Block 1, Unit 22 Volcano Cliffs Subdivision

City Address: 8004 Agua Fria Ct, NW

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

Address: 8860 Desert Fresh Ln NE, ABQ, NM 87122

Phone#: 505-280-4553 Fax#: _____ E-mail: steve.metro@wilsnco.com

Owner: ABRAZO HOMES Contact: Mackenzie Bishop

Address: PO Box 65808

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

Architect: _____ Contact: _____

Address: _____

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

Other Contact: _____ Contact: _____

Address: _____

Phone# _____ Fax# _____ E-mail: _____

Check all that Apply

**DEPARTMENT:**

X HYDROLOGY/ DRAINAGE
____ TRAFFIC/ TRANSPORTATION
____ MS4/ EROSION & SEDIMENT CONTROL

**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)
____ EROSION & SEDIMENT CONTROL PLAN (ESC)

____ OTHER (SPECIFY) _____

**CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:**

X 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

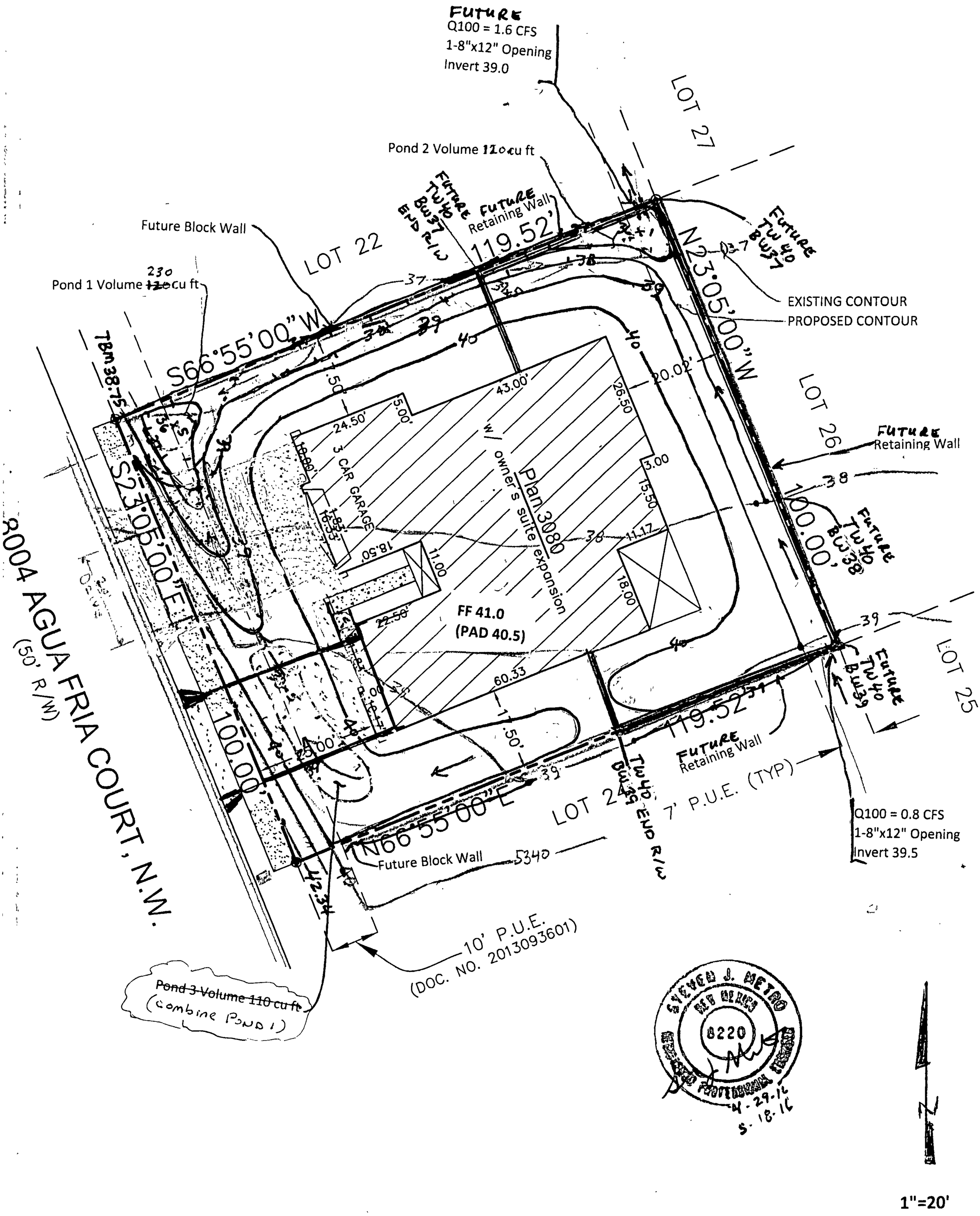
____ PRE-DESIGN MEETING
X OTHER (SPECIFY) REVISION

RECEIVED
MAY 18 2016
LAND DEVELOPMENT SECTION

IS THIS A RESUBMITTAL? ____ Yes X No

DATE SUBMITTED 5-18-16 By Steven Metro

COA STAFF ELECTRONIC SUBMITTAL RECEIVED ____




| LOT 23, BLOCK 1, UNIT 22 VCS | AREA LOT SF | % | SAD 228 DMP % | Q100 CFS / ACRE ZONE 1 | TOTAL PROP Q100 CFS | SAD 228 DMP Q100 CFS | DRAIN TO REAR OF LOT SF | REAR LOT Q100 CFS |
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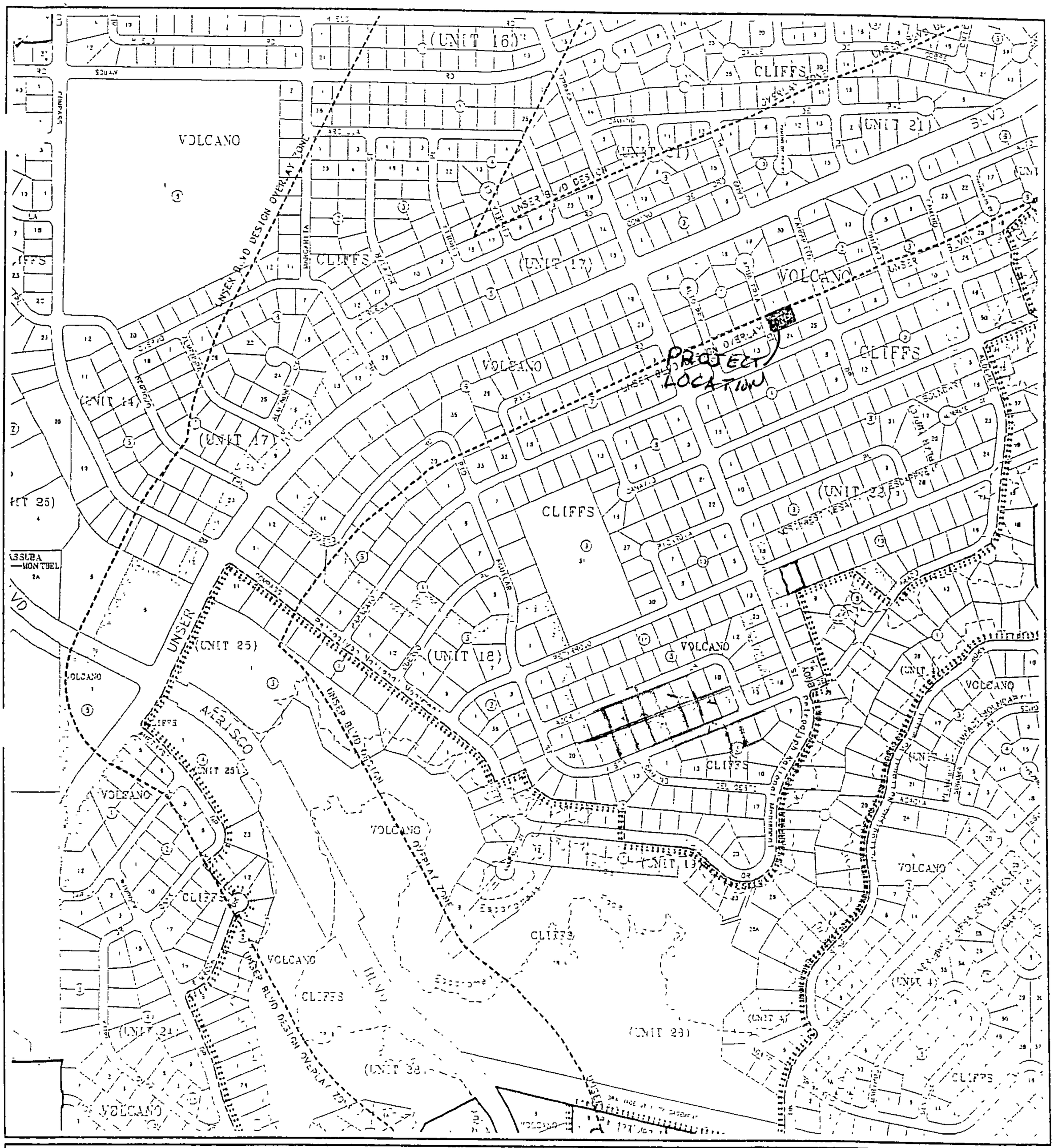
| TYPE D | 5,200 | 43% | 50 | 4.37 | 0.52 | 0.60 | 3,200 | 0.32 |
| TYPE C | 5,600 | 47% | 40 | 2.87 | 0.37 | 0.32 | 2,800 | 0.18 |
| TYPE B | 1,200 | 10% | 10 | 2.03 | 0.06 | 0.06 | 600 | 0.03 |
| | 12000 | 100% | 100 | | 0.95 | 0.97 | 6,600 | 0.53 |

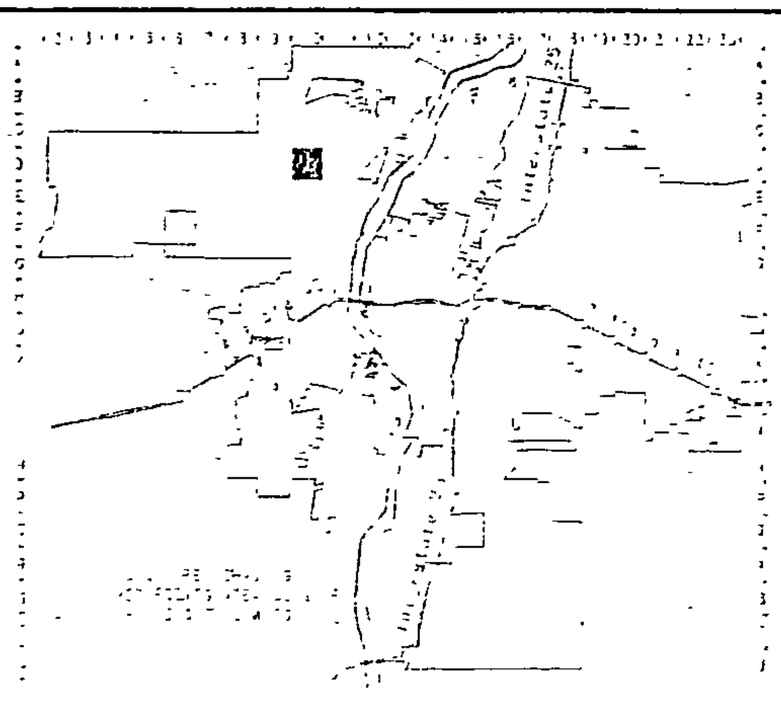
**REVISED 5-18-16**
Relocate DW and combine Ponds 1 and 3

PREPARED BY STEVEN J. METRO, PE AND PS

# GRADING & DRAINAGE PLAN
# 8004 AGUA FRIA CT, NW
# LOT 23, BLOCK 1, UNIT 22 VCS

Sheet 2 of 2



CITY OF
Albuquerque

A G I S
FINANCE & DEPARTMENT

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GRAPHIC SCALE IN FEET

250 0 750 1000

# Zone Atlas Page

# D-10-Z

Map Amended through January 21, 2003

**From:** deborah metro <metro.metrodevelopment@aol.com>
**To:** plndrs <plndrs@cabq.gov>
**Cc:** rrael <rrael@cabq.gov>; mackenzie <mackenzie@abrazohomes.com>
**Subject:** 8004 Agua Fria Court, NW G&D Revision
**Date:** Wed, May 18, 2016 10:57 am
**Attachments:** 8004 Agua Fria NW G-D REV 5-16.pdf (1324K)

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Attached is the proposed revision to the G&D Plan for 8004 Agua Fria, NW.
Revisions include the moving of the driveway to the south side and combining ponds 1 and 3.
I will deliver the submittal this morning.
steve metro

# CITY OF ALBUQUERQUE

*Planning Department*
Suzanne Lubar, Director

*Mayor Richard J. Berry*

May 2, 2016

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

RE: **Block 1 Lot 23 Unit 22 Volcano Cliffs SAD 228**
**8004 Agua Fria Ct. NW**
**Grading and Drainage Plan**
**Engineers Stamp Date 4/29/16 (D10D003N23)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 4/29/2016, this plan is approved for Grading Permit and Building Permit.

Please inform the Architect/Owner or contractor to attach a copy of this approved plan dated 4/29/16 to the construction sets in the permitting process prior to sign-off by Hydrology, otherwise the permitting process will be delayed until this plan is provided. Also advise the owner/contractor that a separate wall permit will be needed.

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

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

Sincerely,

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

RR/RH
C: File

PO Box 1293
Albuquerque
New Mexico 87103
www.cabq.gov

# City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09 2015)

Project Title: 8004 Agua Fria Ct, NW G+D Plan Building Permit #: _____ City Drainage #: D10D003N23

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

Legal Description: Lot 23, Block 1, Unit 22 Volcano Cliffs Subdivision

City Address: 8004 Agua Fria Ct, NW

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

Address: 8860 Desert Fresh Ln NE, ABQ, NM 87122

Phone#: 505-280-4553 Fax#: _____ E-mail: steve.metro@wilsonco.com

Owner: ABRAZO HOMES Contact: Mackenzie Bishop

Address: PO Box 65808

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

Architect: _____ Contact: _____

Address: _____

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

Other Contact: _____ Contact: _____

Address: _____

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

Check all that Apply:

**DEPARTMENT:**

X HYDROLOGY/ DRAINAGE
____ TRAFFIC/ TRANSPORTATION
____ MS4/ EROSION & SEDIMENT CONTROL

**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)
____ EROSION & SEDIMENT CONTROL PLAN (ESC)

____ OTHER (SPECIFY) _____

**CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:**

X 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

____ PRE-DESIGN MEETING
____ OTHER (SPECIFY) _____

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APR 29 2016
LAND DEVELOPMENT SECTION

Paid $50.00

IS THIS A RESUBMITTAL? ____ Yes X No

DATE SUBMITTED: 4-29-16 By: Steven Metro

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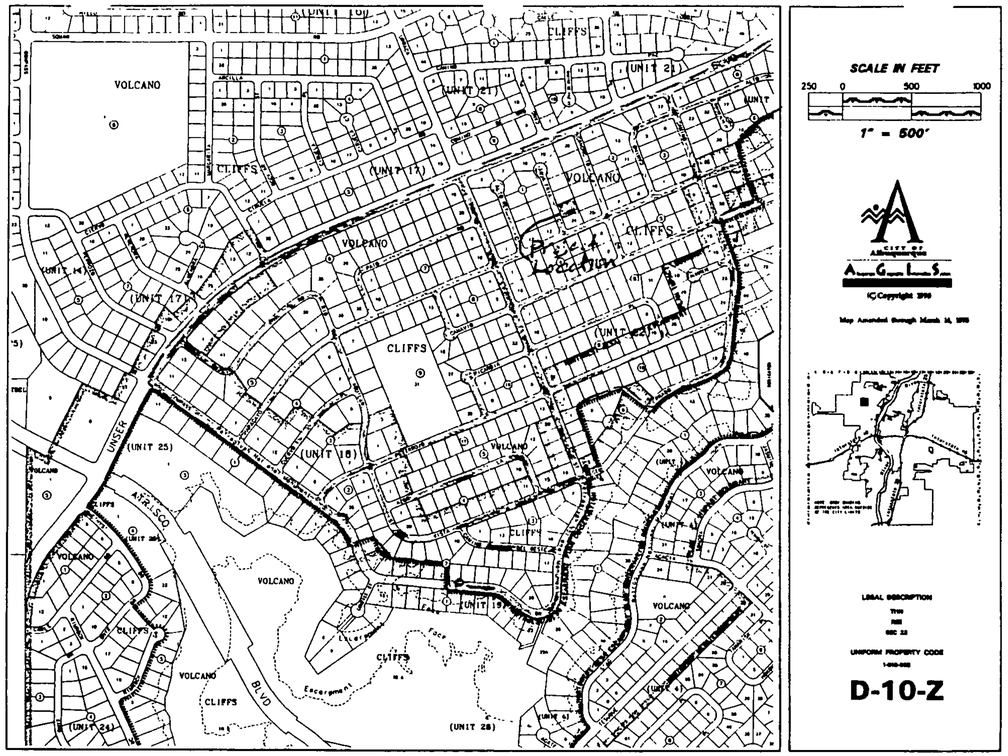
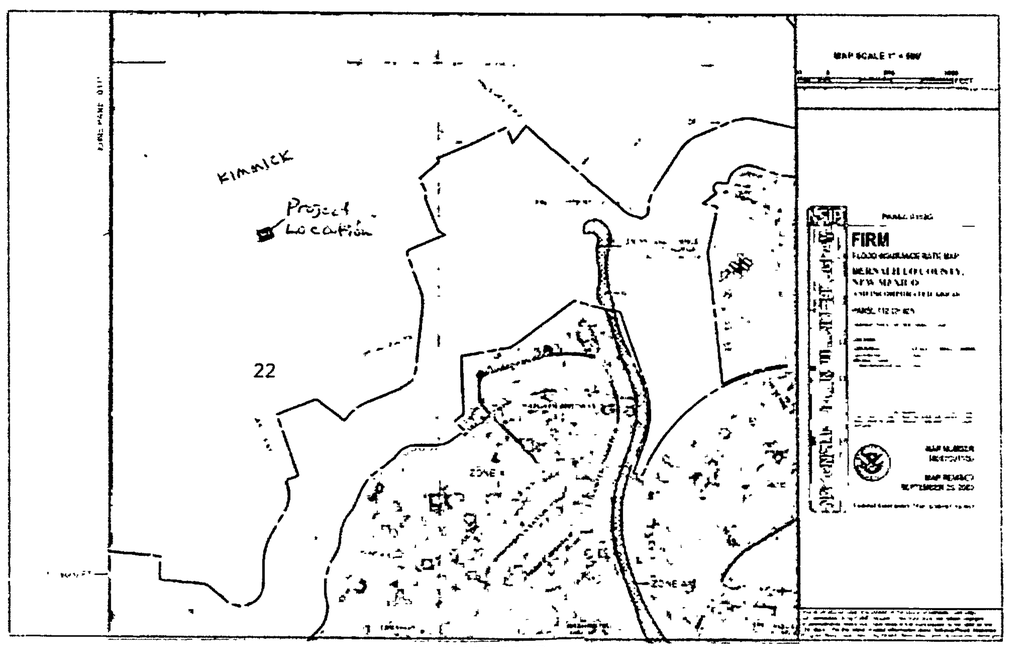
COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: ___




**VICINITY MAP**




**FEMA MAP**

**Narrative**

Grading and Drainage Plan for the construction of the building pad for Lot 23, Block 1, Unit 22, Volcano Cliff S Subdivision, being a part of SAD 228.
Address: 8004 Agua Fria Ct, NW Albuquerque, NM.
Purpose of this Plan is to establish the first floor elevation, house layout, lot drainage including offsite flows.

**First Flush per EPA Standards**

The Initial First Flush to be manages is 0.44" less 0.10" initial impervious abstraction = 0.34" or 340 cubic feet. The initial storage on site will be collected and held in the two landscape ponds near the street as shown on the Plan.

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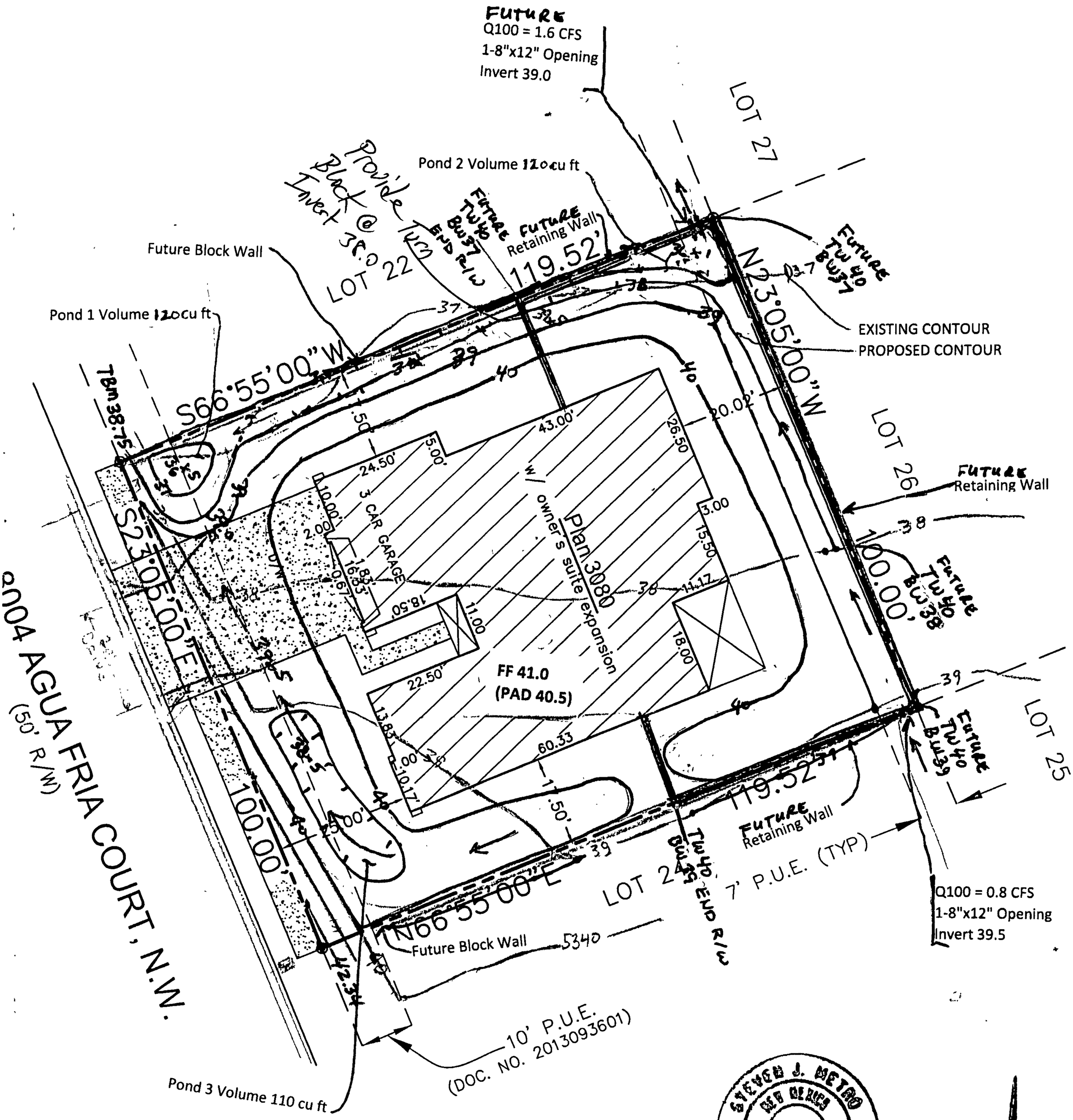
APR 29 2015
LAND DEVELOPMENT SECTION

STEVEN J. METRO
NEW MEXICO
8220
REGISTERED PROFESSIONAL ENGINEER
4-29-14

METRO
Development, Inc.
8860 Desert Finch Ln NE
Albuquerque, NM 87122
(505) 280-4553

**GRADING AND DRAINAGE PLAN**
**LOT** 23 **, BLOCK** 1 **, UNIT** 22 **, VCS**
**ADDRESS:** 8004 Agua Fria Ct NW

**SHEET 1 OF 2**

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APR 29 2016
LAND DEVELOPMENT SECTION

| LOT 23, BLOCK 1, UNIT 22 VCS | AREA LOT SF | % | SAD 228 DMP % | Q100 CFS / ACRE ZONE 1 | TOTAL PROP Q100 CFS | SAD 228 DMP Q100 CFS | DRAIN TO REAR OF LOT SF | REAR LOT Q100 CFS |
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| TYPE B | 1,200 | 10% | 10 | 2.03 | 0.06 | 0.06 | 600 | 0.03 |
| | 12000 | 100% | 100 | | 0.95 | 0.97 | 6,600 | 0.53 |

PREPARED BY STEVEN J. METRO, PE AND PS

**GRADING & DRAINAGE PLAN**
**8004 AGUA FRIA CT, NW**
**LOT 23, BLOCK 1, UNIT 22 VCS**
Sheet 2 of 2

**From:** deborah metro <metro.metrodevelopment@aol.com>
**To:** plndrs <plndrs@cabq.gov>
**Cc:** mackenzie <mackenzie@abrazohomes.com>; metro.metrodevelopment <metro.metrodevelopment@aol.com>
**Subject:** Electronic submittal for 8004 Aqua Fria, NW
**Date:** Fri, Apr 29, 2016 9:50 am
**Attachments:** 8004 Aqua Fria NW G-D Submittal.pdf (3274K)

---

I will deliver the submittal to the counter this morning and pay the fee for the G&D for building permit.
thanks,
Steve Metro

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APR 29 2016
LAND DEVELOPMENT SECTION