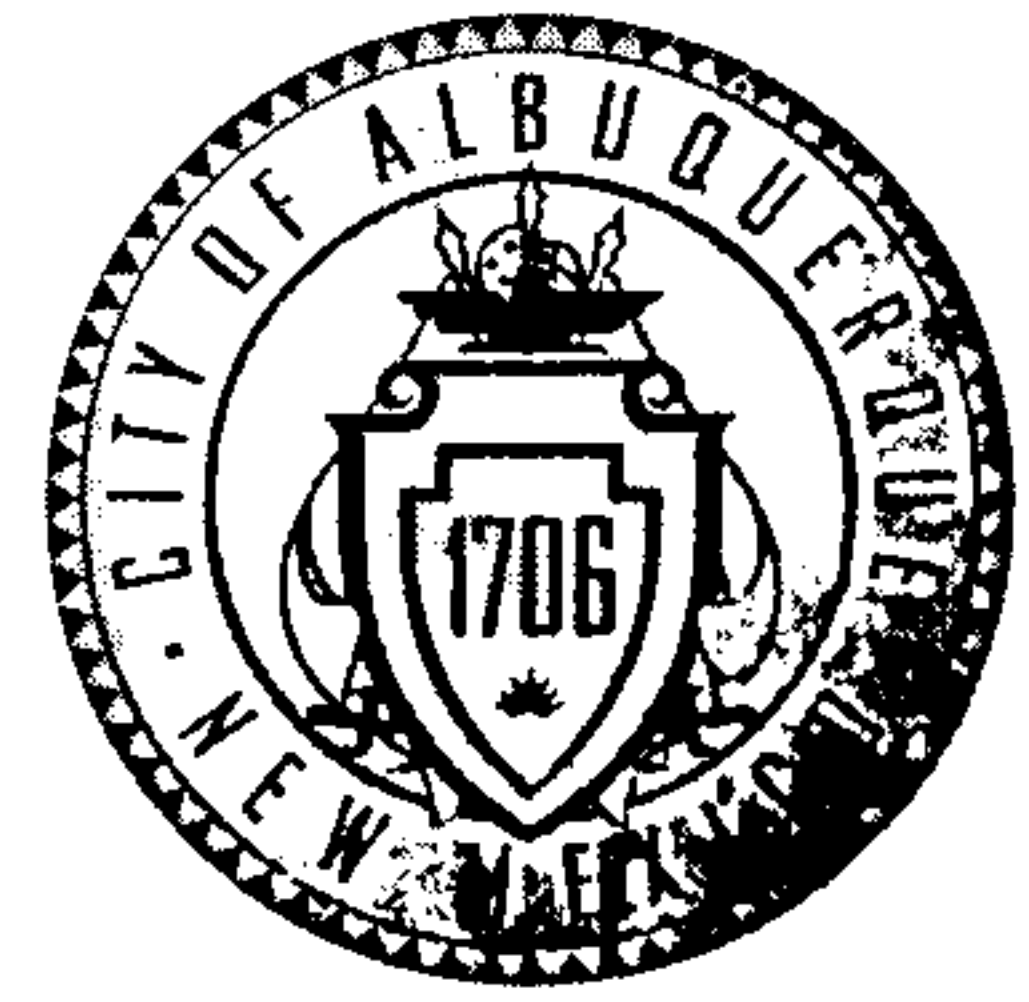


CITY OF ALBUQUERQUE



March 31, 2015

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

**RE: Lot 5 Block 8, Unit 22 Volcano Cliffs
6412 Canavio Pl NW
Grading and Drainage Plan
Engineers Stamp Date 3/25/15 (D10D00E5)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 3/25/2015, 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

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

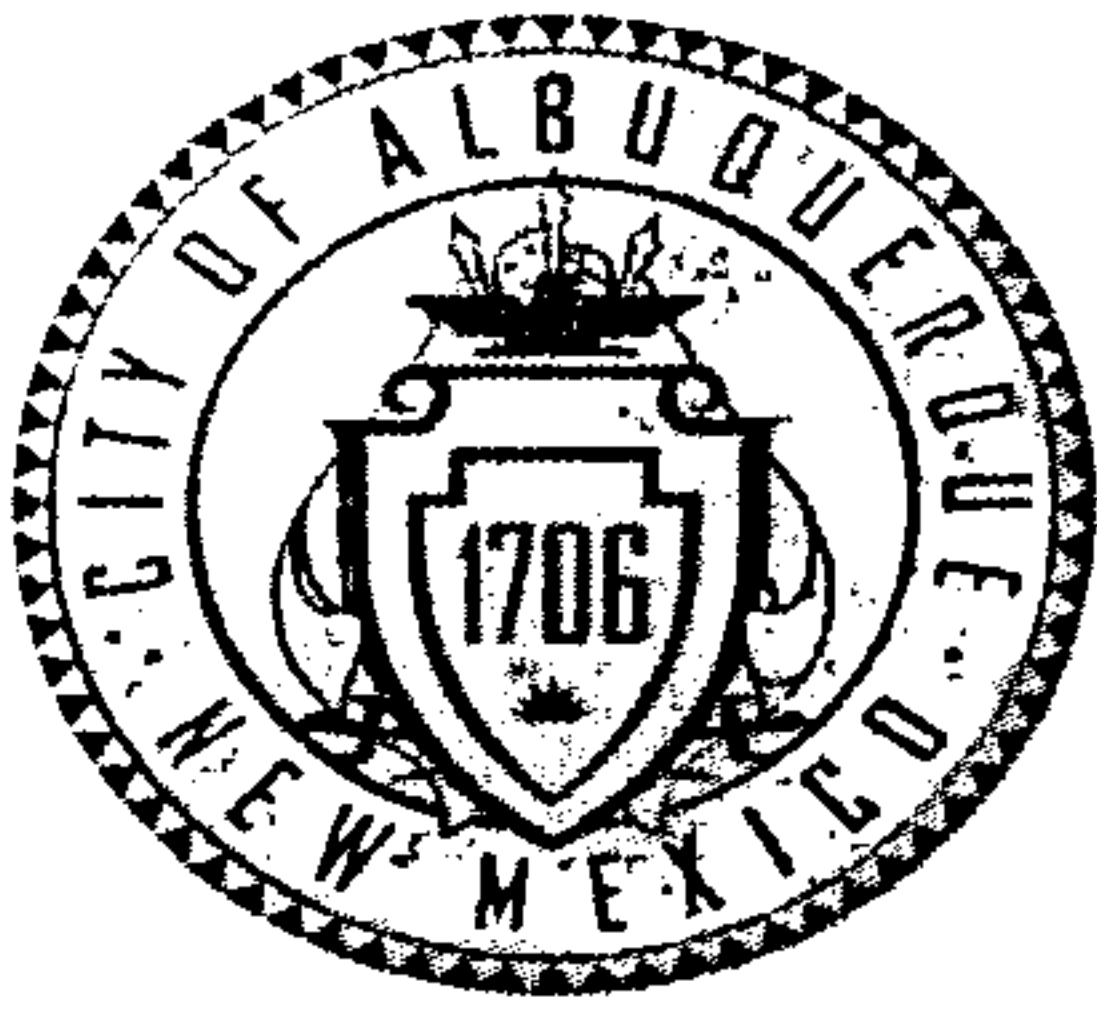
New Mexico 87103

www.cabq.gov

Sincerely,

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

RR/RH
C: File



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: ~~6408 and 6412 Canavio PL NW~~ 6412 Canavio PL NW Building Permit #: _____ City Drainage #: D10 D003E65

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

Legal Description: ~~6408 and 6412 Canavio PL NW~~ 6412 Canavio PL NW, Unit 22 Volcano Cliffs Subdivision

City Address: 6408 and 6412 Canavio PL NW

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

Address: 8860 Desert Finch Ln NE, APO, NM 87122

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

Owner: Rio Grande Realty + Investments, LLC Contact: Todd Kruger

Address: Coronado NM

Phone#: 505-250-8135 Fax#: _____ E-mail: t.kruger@rgri.net

Architect: _____ Contact: _____

Address: _____

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

Surveyor: Metro Development, Inc. Contact: Steve Metro

Address: 8860 Desert Finch Ln NE, APO, NM 87122

Phone#: _____ Fax#: _____ E-mail: steve.metro@wilson.com

Contractor: Guyman Construction Solutions LLC Contact: Rudy Guyman

Address: 6020 Industry Way APO NM 87105

Phone#: 505-452-0663 Fax#: 505-452-0664 E-mail: rudy@guymancs.com

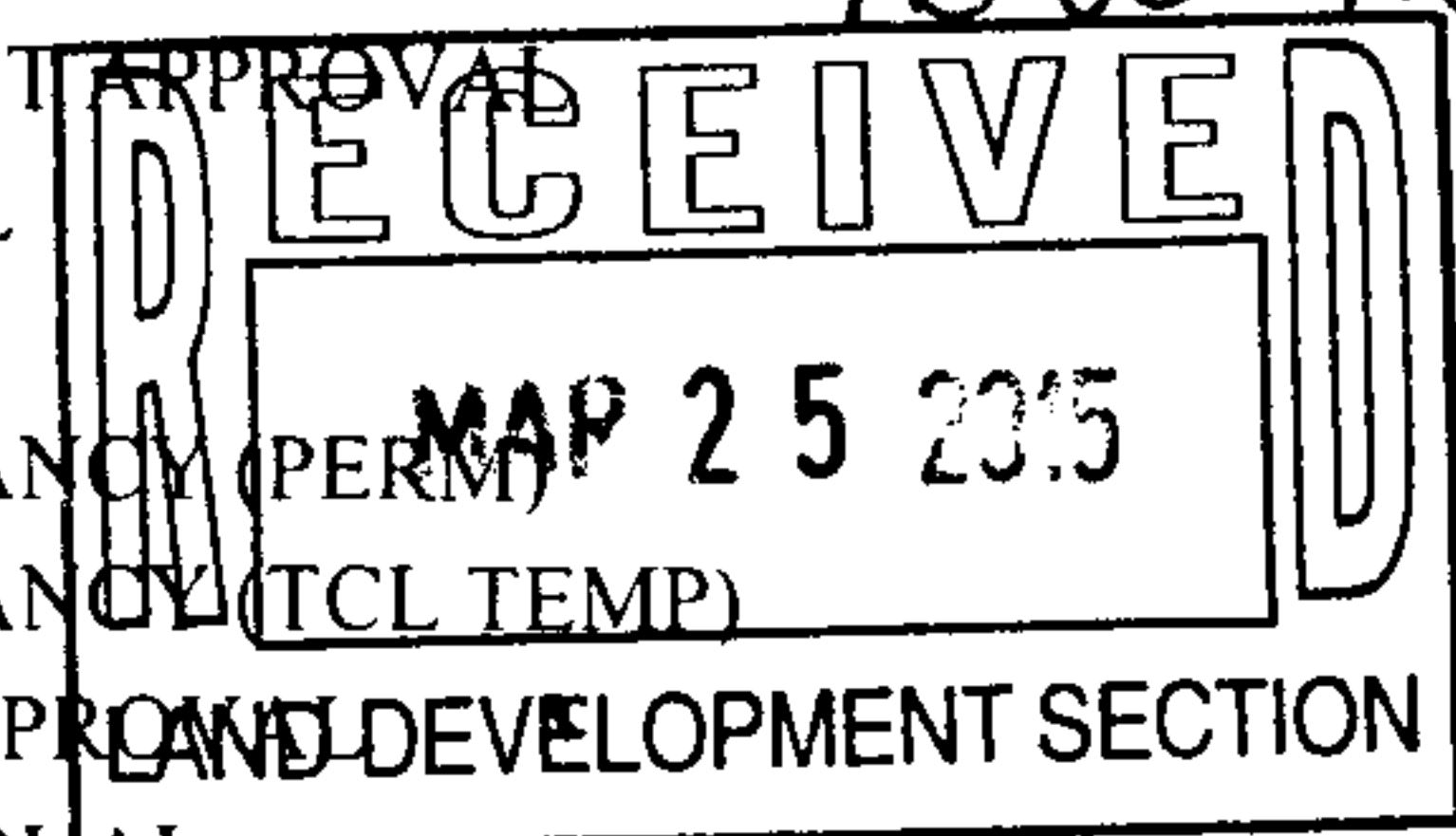
TYPE OF SUBMITTAL:

- ☐ 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) _____

*paid \$50.00
As verified*



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

DATE SUBMITTED: 3-25-15 By: Steven J. Metro Sr. J. 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

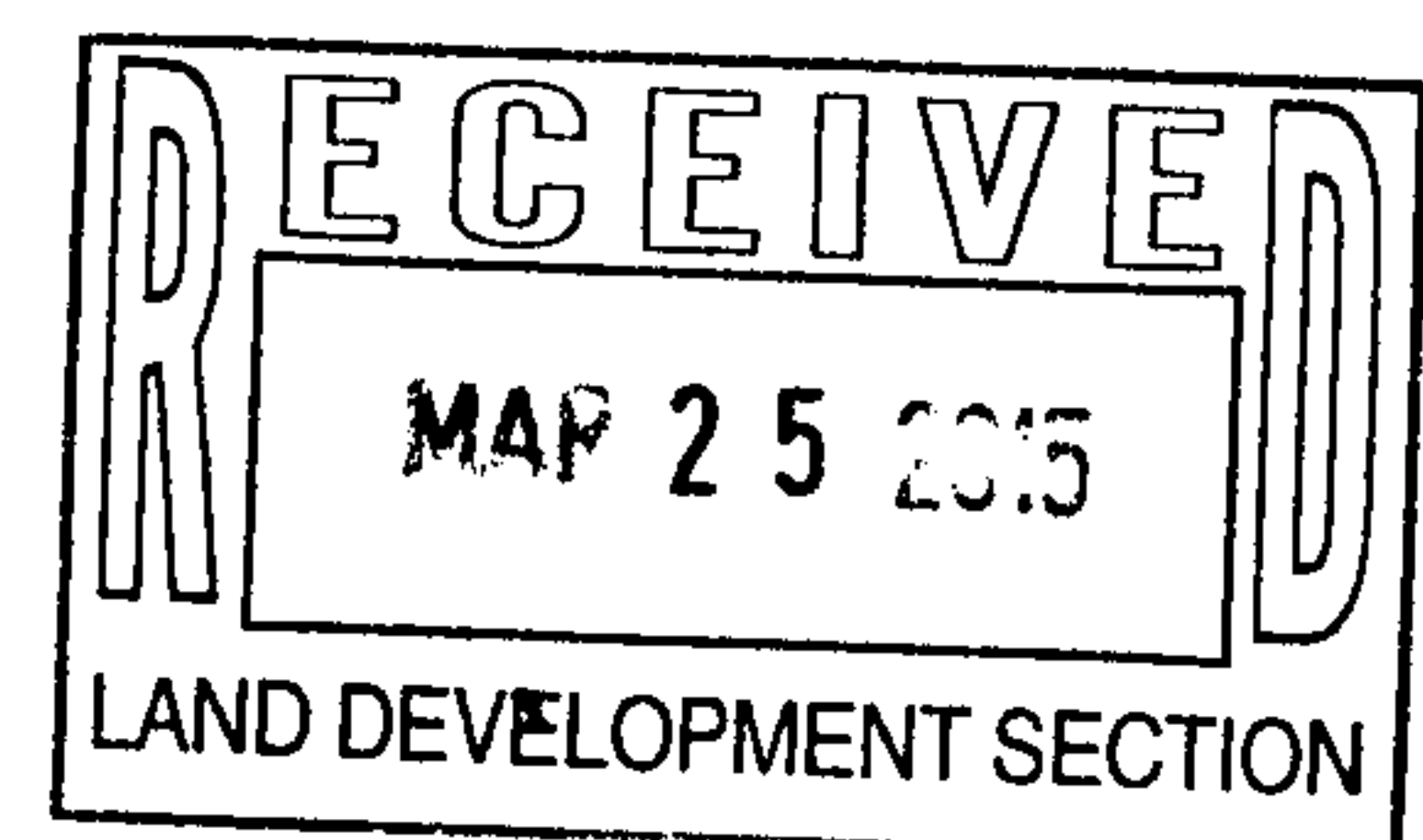
Metro, Steven J.

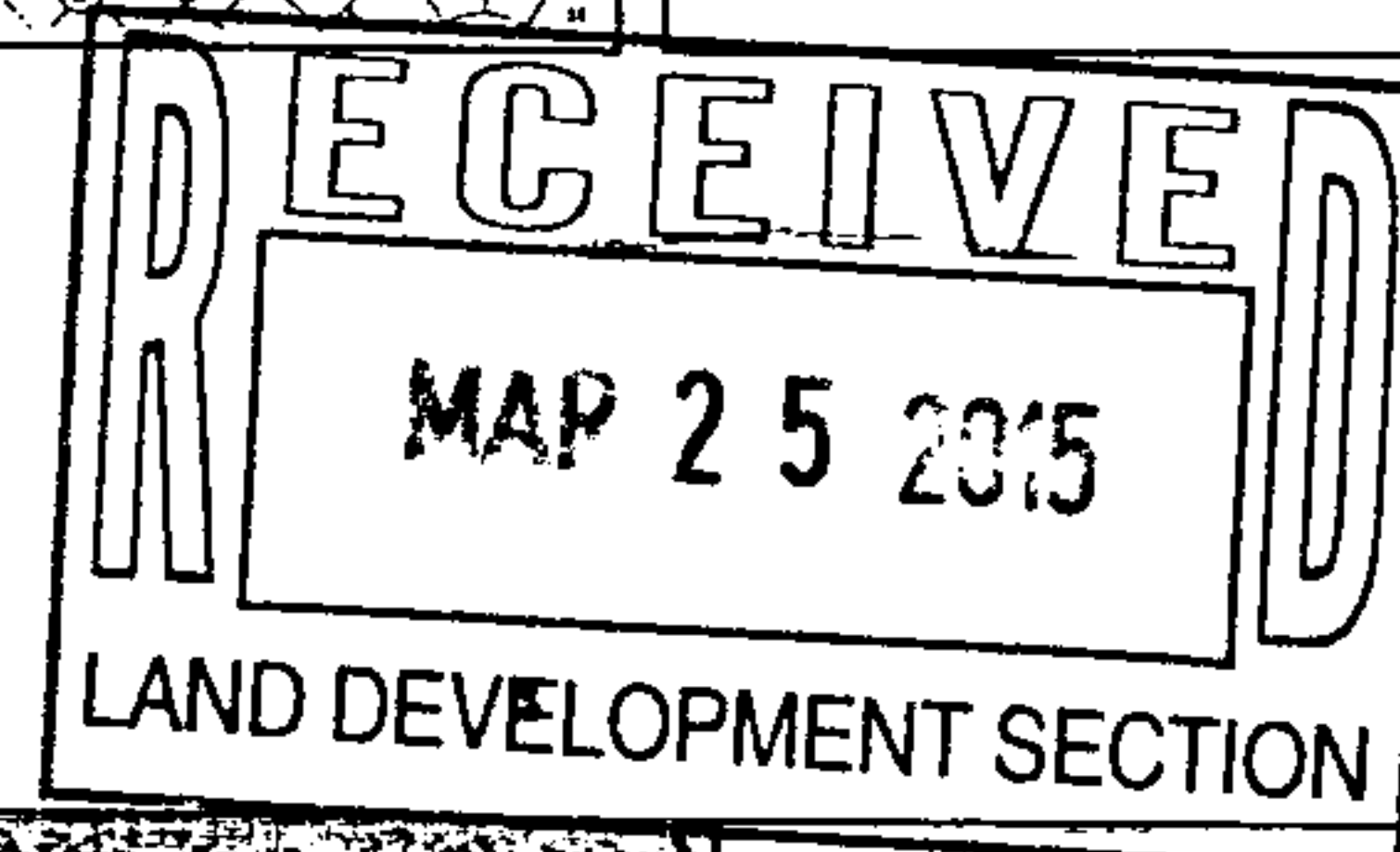
From: Metro, Steven J.
Sent: Wednesday, March 25, 2015 1:23 PM
To: 'Ortiz, Monica'
Cc: ' (rrael@cabq.gov)'
Subject: pdf of D10-D003F8 G&D Cert As Built Plan L10, B10, U22 and pdf of G&D submittal L5-6, B8, U22
Attachments: L8 B10 U22 AsBuilt D10-D003F8.pdf; G-D Sub L5-6 B8 U22.pdf

Monica – attached are:

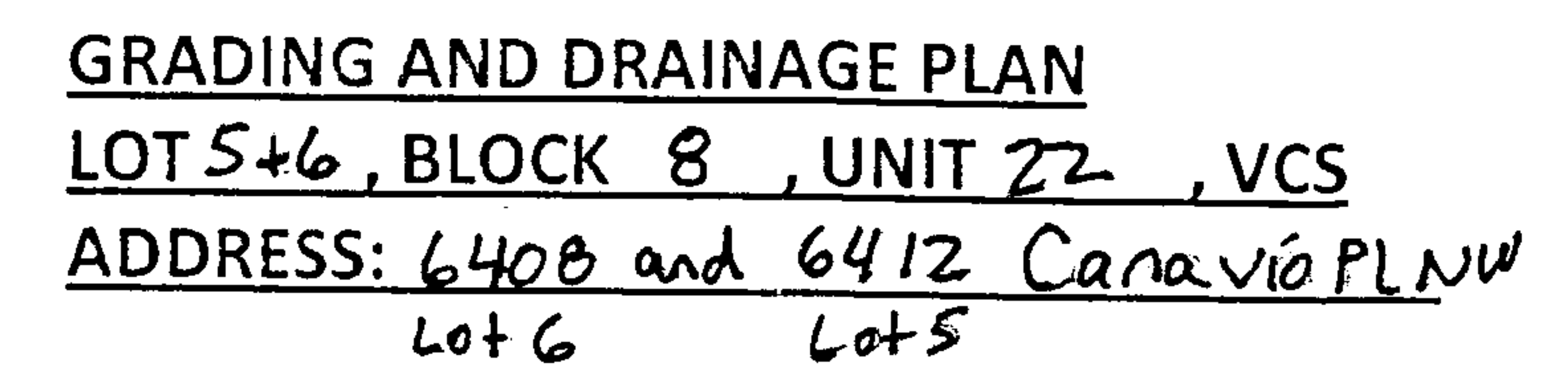
1. The As Built cert for D10-D003F8, Lot 10, Block 10 Unit 22 VCS 6404 Petirrojo Road, NW. Needed for CO.
2. A new submittal for Lots 5-6, Block 8, Unit 22 VCS – Addresses 6406 Canavio Pl NW (lot 6) and 6412 Canavio Pl NW (lot 5).

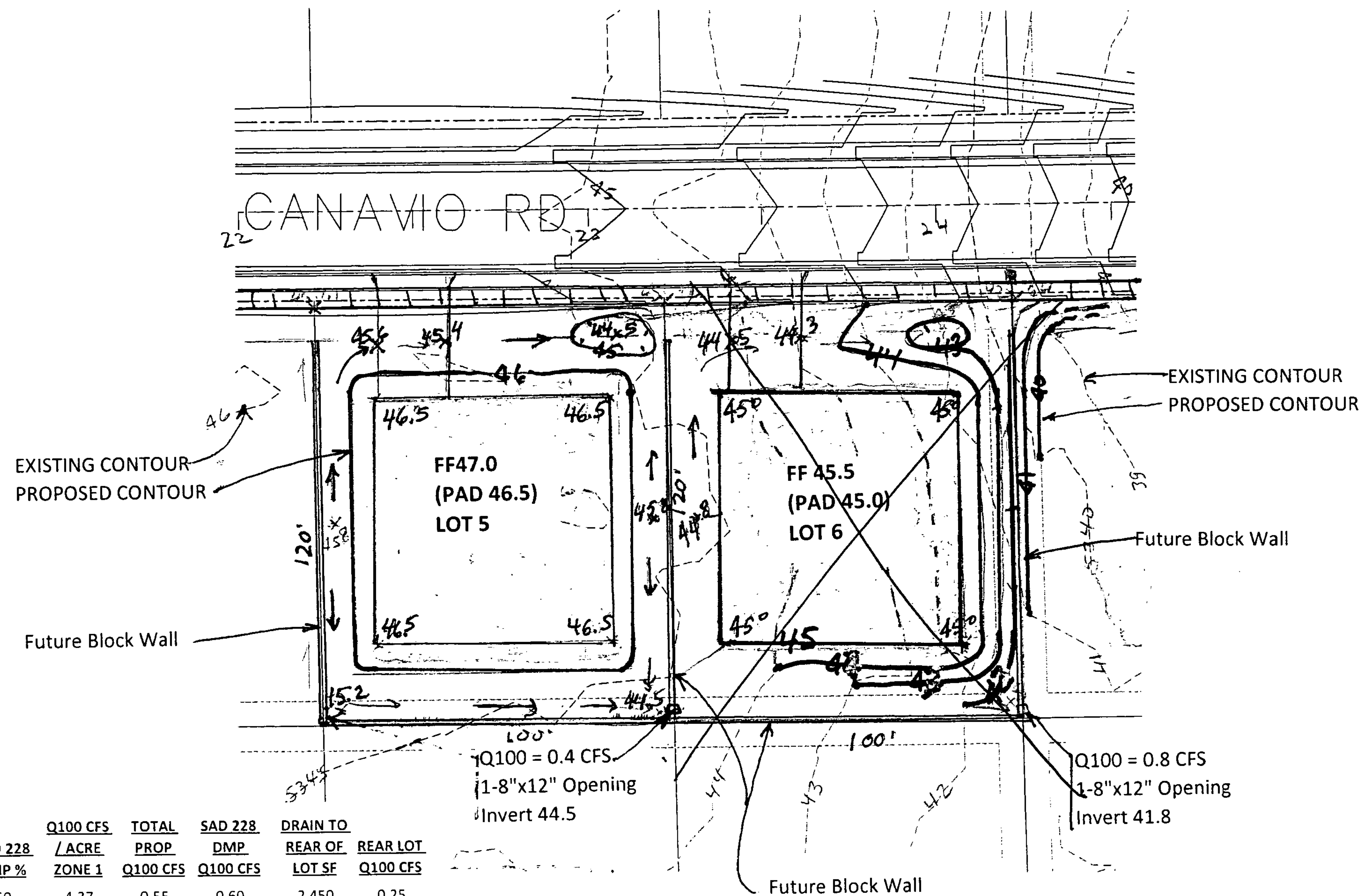
Thanks,
Steve Metro





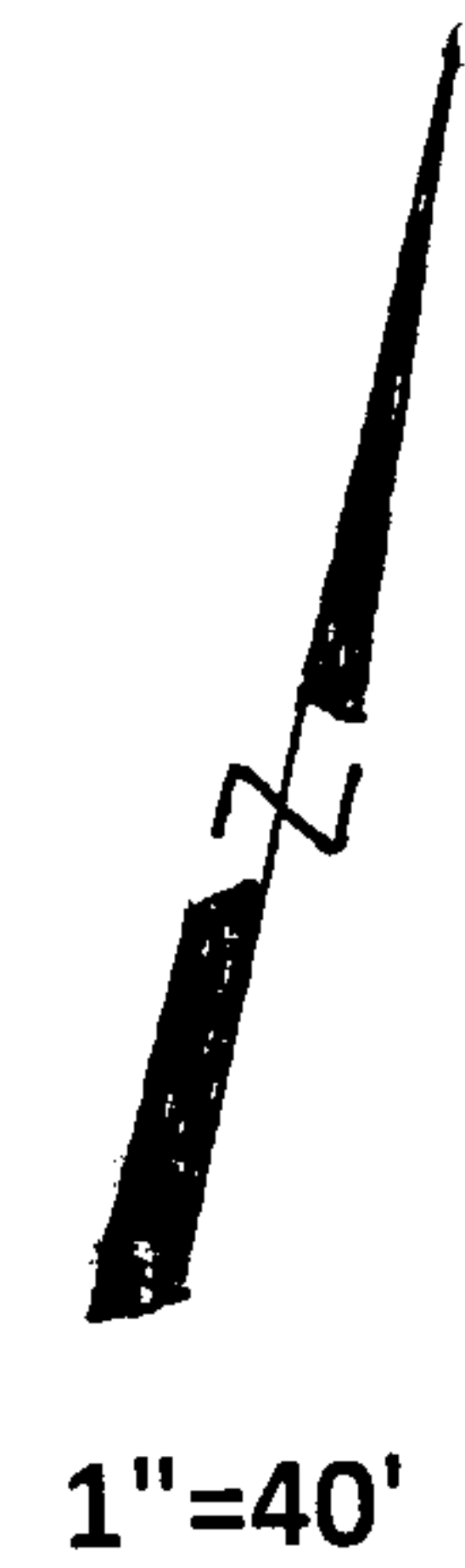
The Initial First Flush to be managed is 0.44" less 0.10" initial impervious abstraction = 0.34" or ~~680~~ cubic feet. The initial storage on site will be collected and held in the two landscape ponds near the street as shown on the Plan.





LOT 5, BLOCK 8, UNIT 22 VCS	AREA LOT		SAD 228 DMP %	Q100 CFS / ACRE ZONE 1	TOTAL PROP Q100 CFS	SAD 228 DMP Q100 CFS	DRAIN TO	
	SF	%					REAR OF LOT SF	REAR LOT 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	1,200	10%	10	2.03	0.06	0.06	0	0.00
	12,000	100%	100		0.96	0.97	5,150	0.42

LOT 6, BLOCK 8, UNIT 22 VCS	AREA LOT		SAD 228 DMP %	Q100 CFS / ACRE ZONE 1	TOTAL PROP Q100 CFS	SAD 228 DMP Q100 CFS	DRAIN TO	
	SF	%					REAR OF LOT SF	REAR LOT 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	1,200	10%	10	2.03	0.06	0.06	0	0.00
	12,000	100%	100		0.96	0.97	5,150	0.42



PREPARED BY STEVEN J. METRO, PE AND PS

GRADING & DRAINAGE PLAN

6406-6412 Canavio Place NW

LOTS 5-6, BLOCK 8, UNIT 22 VCS