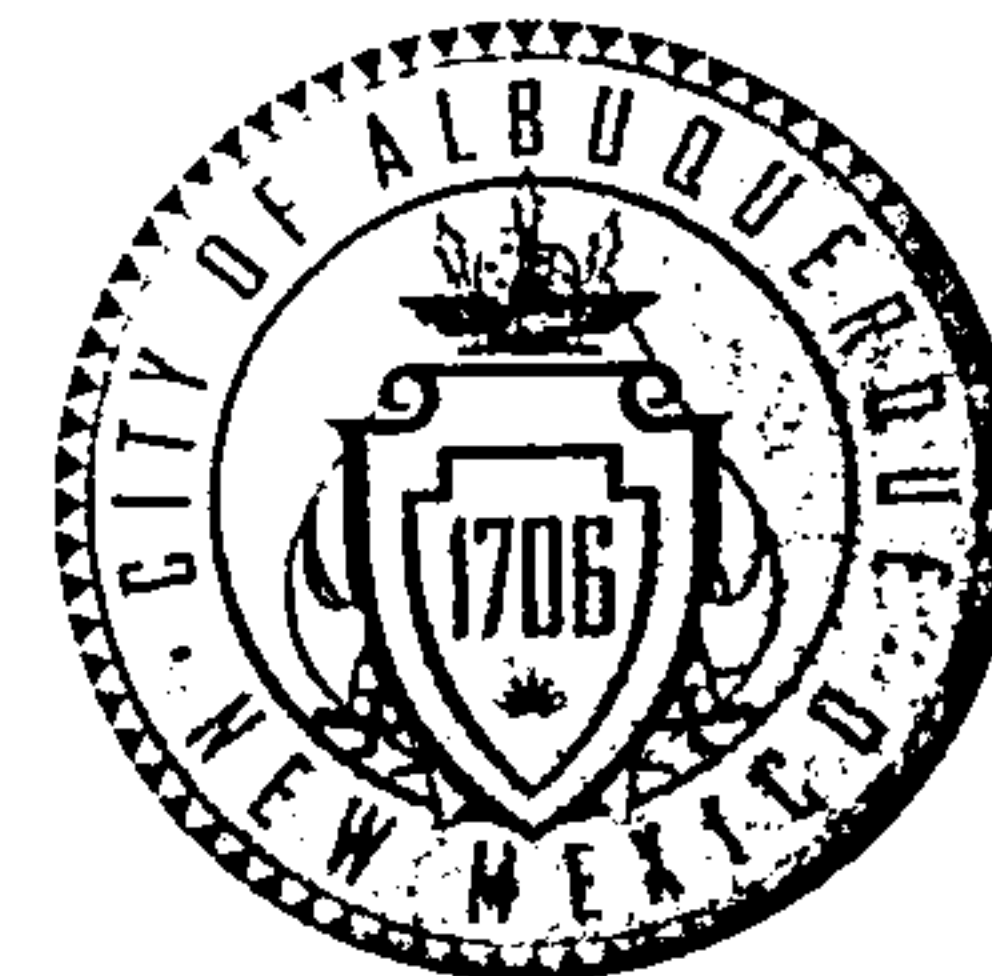


CITY OF ALBUQUERQUE



May 6, 2009

Gilbert Aldaz, P.E.
Applied Engineering, Inc.
1605 Blair Dr NE
Albuquerque, NM 87112

Re: Ibarra Garage Work Order Sheet 6, 90th St and existing alley
Engineer's Stamp -no stamp- (K9/D034)

Dear Mr. Aldaz,

Based upon the information provided in your submittal received 4-22-09, the above referenced plan is approved for Work Order. Comments, if any, can be discussed at DRC.

If you have any questions, you can contact me at 924-3695.

Sincerely,

Curtis A. Cherne, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

C: file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 12/2005)

PROJECT TITLE: Ibarra Garage ZONE MAP: 12-091034
DRB#: _____ EPC#: _____ WORK ORDER#: 735683

LEGAL DESCRIPTION: _____
CITY ADDRESS: 90th St & Alley

ENGINEERING FIRM: Applied Eng & Surveying CONTACT: Gilbert Aldaz
ADDRESS: 1605 S. 1st St NE PHONE: 480-8125
CITY, STATE: Albuquerque NM ZIP CODE: 87112

OWNER: Fabian Ibarra CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

ARCHITECT: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

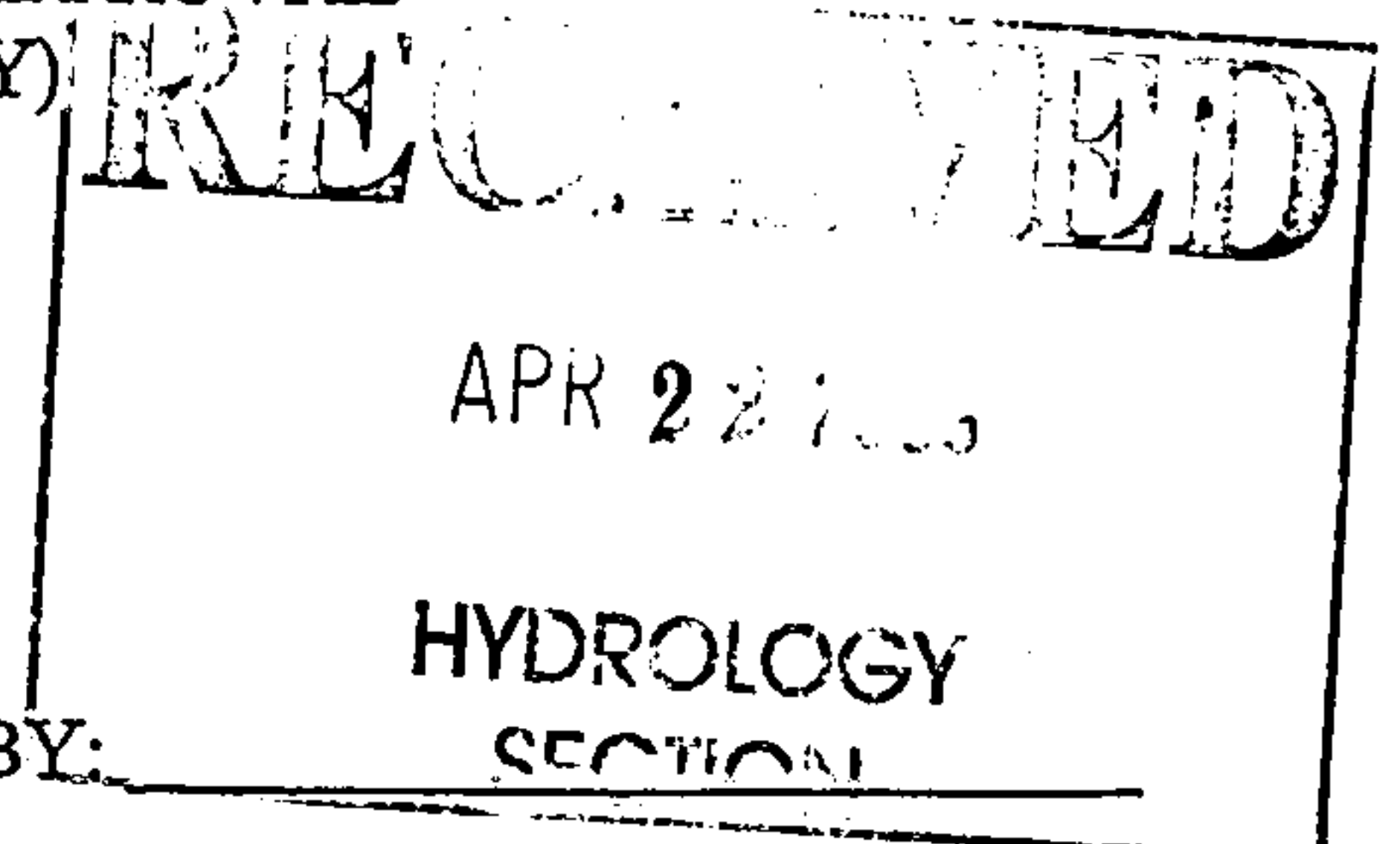
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

TYPE OF SUBMITTAL:
____ DRAINAGE REPORT
____ DRAINAGE PLAN 1st SUBMITTAL
☒ DRAINAGE PLAN RESUBMITTAL
____ CONCEPTUAL G & D PLAN
____ GRADING PLAN
____ EROSION CONTROL PLAN
____ ENGINEER'S CERT (HYDROLOGY)
____ CLOMR/LOMR
____ TRAFFIC CIRCULATION LAYOUT
____ ENGINEER'S CERT (TCL)
____ ENGINEER'S CERT (DRB SITE PLAN)
____ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL 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
____ FOUNDATION PERMIT APPROVAL
☒ BUILDING PERMIT APPROVAL
____ CERTIFICATE OF OCCUPANCY (PERM)
____ CERTIFICATE OF OCCUPANCY (TEMP)
____ GRADING PERMIT APPROVAL
____ PAVING PERMIT APPROVAL
☒ WORK ORDER APPROVAL
____ OTHER (SPECIFY) _____

WAS A PRE-DESIGN CONFERENCE ATTENDED:
____ YES
____ NO
____ COPY PROVIDED

DATE SUBMITTED: 4/22/09 BY: J. ALDAZ



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.

Cherne, Curtis

From: Salgado-Fernandez, Nilo E.
Sent: Monday, May 04, 2009 9:17 AM
To: Cherne, Curtis
Subject: FW: DRC #735683 ==> 90th and Alley Topo and Photos
Attachments: Ibarra Alley entrance-ALT_A.JPG; Valley_Gutter_Details.pdf

From: Olson, Greg R.
Sent: Friday, April 10, 2009 4:54 PM
To: Gilbert Aldaz; Salgado-Fernandez, Nilo E.
Cc: Olson, Greg R.
Subject: RE: DRC #735683 ==> 90th and Alley Topo and Photos

Gilbert,

After review of your information and discussion with Nilo, I prepared the attached sketches to show an acceptable solution for the valley gutter layout at the alley.

Due to the limited survey points available, on the existing alley entrance gutters, I went back to the "As-Builts" for the subdivision (SE of intersection) which constructed the returns. Assuming relative accuracy of the reported 1.18% alley slope just east of 90th Street, I developed the suggestion of surface grinding the south gutter enough to gain about 1/2" of depth at the connection (See Alternate A). Another option would be to remove and replace a section or two of the C&G down the alley to gain some grade. This suggested solution carries the 0.5% slope across the street and improves it through the Valley gutter pan by the SW WC Ramp.

Also attached is a corrected detail sketch for the valley gutter (per STND DWG. 2422) and a detail to be added for thickening the west end of the VG to act as a shallow cut-off wall and provide a keyway for future tie-in and extension of the VG to the west (future) curb & gutter.

Another concern noted on your plan was the $\pm 6"$ "pond" in the swale just west of the new VG. Please fill it in to avoid a "puddle" adjacent to the pavement edge.

Nilo will be out of the office after today, so please call me early in the week if you have any questions.

Thanks,

Greg Olson

Planning/Hydrology Section

Ph: 505-924-3981 /Fax: 924-3964



- Please consider the environment before printing this email.

From: Gilbert Aldaz [mailto:galdaz47@yahoo.com]
Sent: Wednesday, April 08, 2009 5:32 PM
To: Olson, Greg R.; Salgado-Fernandez, Nilo E.
Subject: 90th and Alley Topo and Photos

5/6/2009



TRANSMITTAL LETTER

DATE: 04-20-09

TO: (ATTENTION) Greg Olson

(OFFICE) City Hydrology

(ADDRESS) _____

FROM: Gilbert Aldaz

TRANSMITTED ARE THE FOLLOWING:

Project No. 735683 - 90th Street & Alley

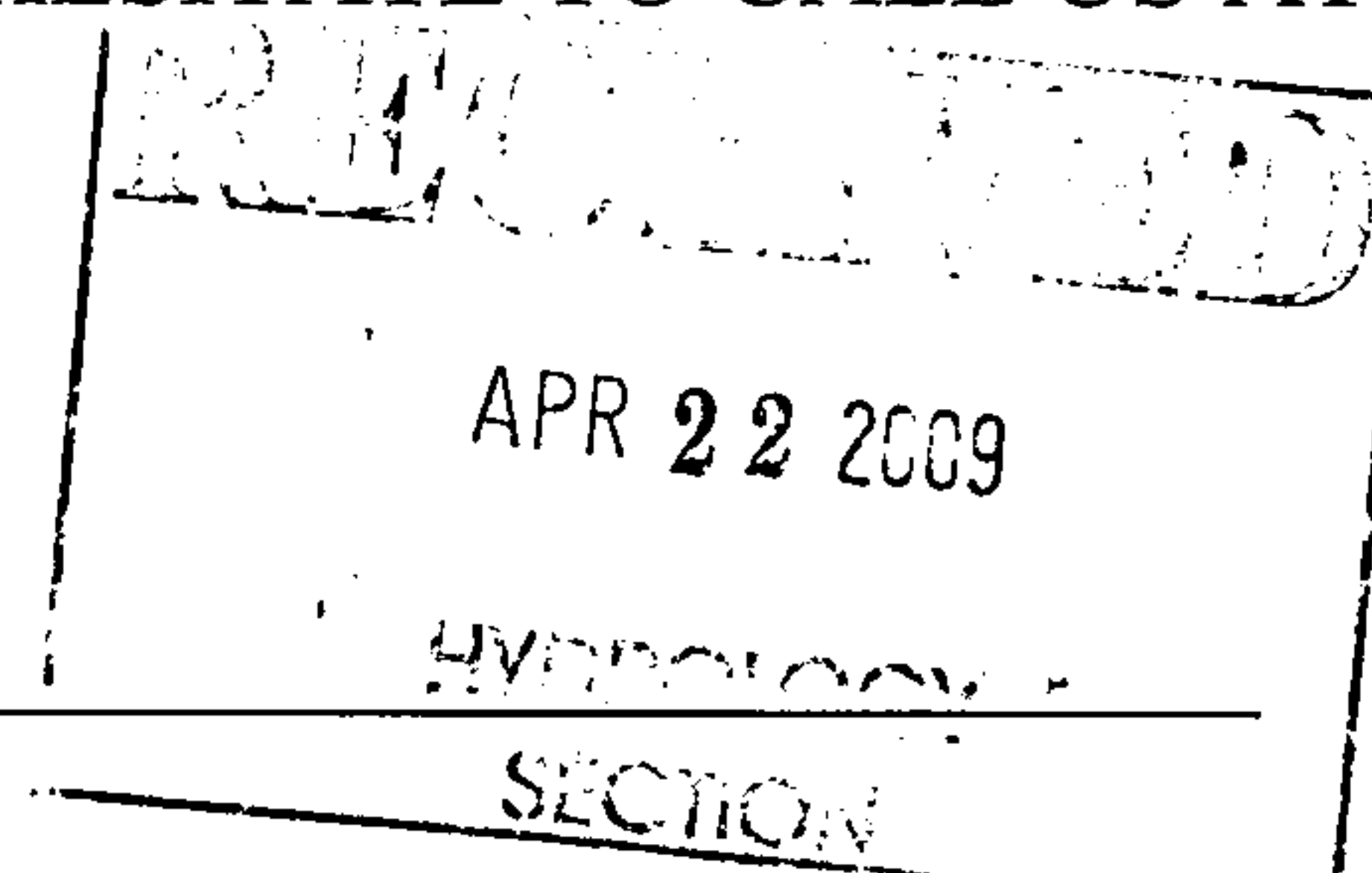
COMMENTS:

I believe this took care of all your
comments, let me know if not prior
to plotting mylars, thanks

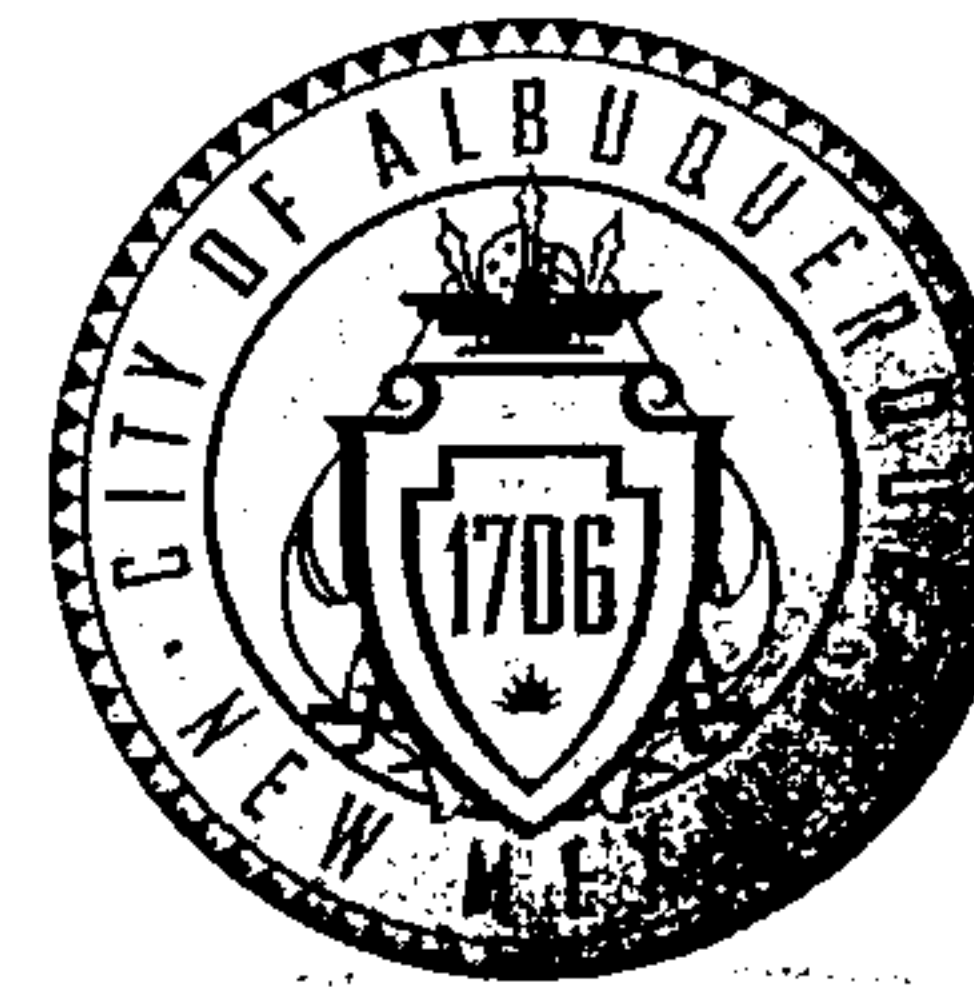
IF YOU HAVE ANY QUESTIONS, PLEASE DO NOT HESITATE TO CALL US AT
(505) 480-8125.

THANK YOU

Received By: S. Harder



CITY OF ALBUQUERQUE



March 30, 2009

Gilbert Aldaz, P.E.
Applied Engineering, Inc.
1605 Blair Dr NE
Albuquerque, NM 87112

Re: Ibarra Garage Grading and Drainage Plan
Engineer's Stamp dated 3-24-09 (K9/D034)

Dear Mr. Aldaz,

Based upon the information provided in your submittal received 3-24-09, the above referenced plan is approved for Building Permit and SO 19 Permit (sidewalk culvert). Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

PO Box 1293

A separate permit (SO 19) is required for construction within City ROW. A copy of this approval letter must be on hand when applying for the excavation/barricading permit.

Albuquerque

To obtain a temporary or permanent CO, Engineer Certification of the Grading Plan per the DPM is required and the storm drain work in the City ROW must be inspected and accepted. Please contact Duane Schmitz, 235-8016, to schedule an inspection.

NM 87103

If you have any questions, you can contact me at 924-3695.

www.cabq.gov

Sincerely,

Curtis A. Cherne, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

C: file
Antoinette Baldonado, Excavation and Barricading
Duane Schmitz, Street/Storm Drain Maintenance

DRAINAGE AND TRANSPORTATION INFORMATION SHEET
(REV. 1/28/2003rd)

PROJECT TITLE: Ibarra Garage ZONE MAP/DRG. FILE #: K-9/0034
DRB #: 1006940 EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: Lots 17-20, Block 12, Original Townsite Westland
CITY ADDRESS: Bridge Blvd & 90th Street

ENGINEERING FIRM: Applied Engr. Inc
ADDRESS: 1605 Blair Drive NE
CITY, STATE: Albuquerque, NM

CONTACT: Gilbert Aldaz
PHONE: 480-8125
ZIP CODE: 87112

OWNER: Fabian Ibarra
ADDRESS: 1725 Hooper Road
CITY, STATE: Albuquerque, NM

CONTACT: Fabian Ibarra
PHONE: 263-2610
ZIP CODE: 87105

ARCHITECT: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

SURVEYOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

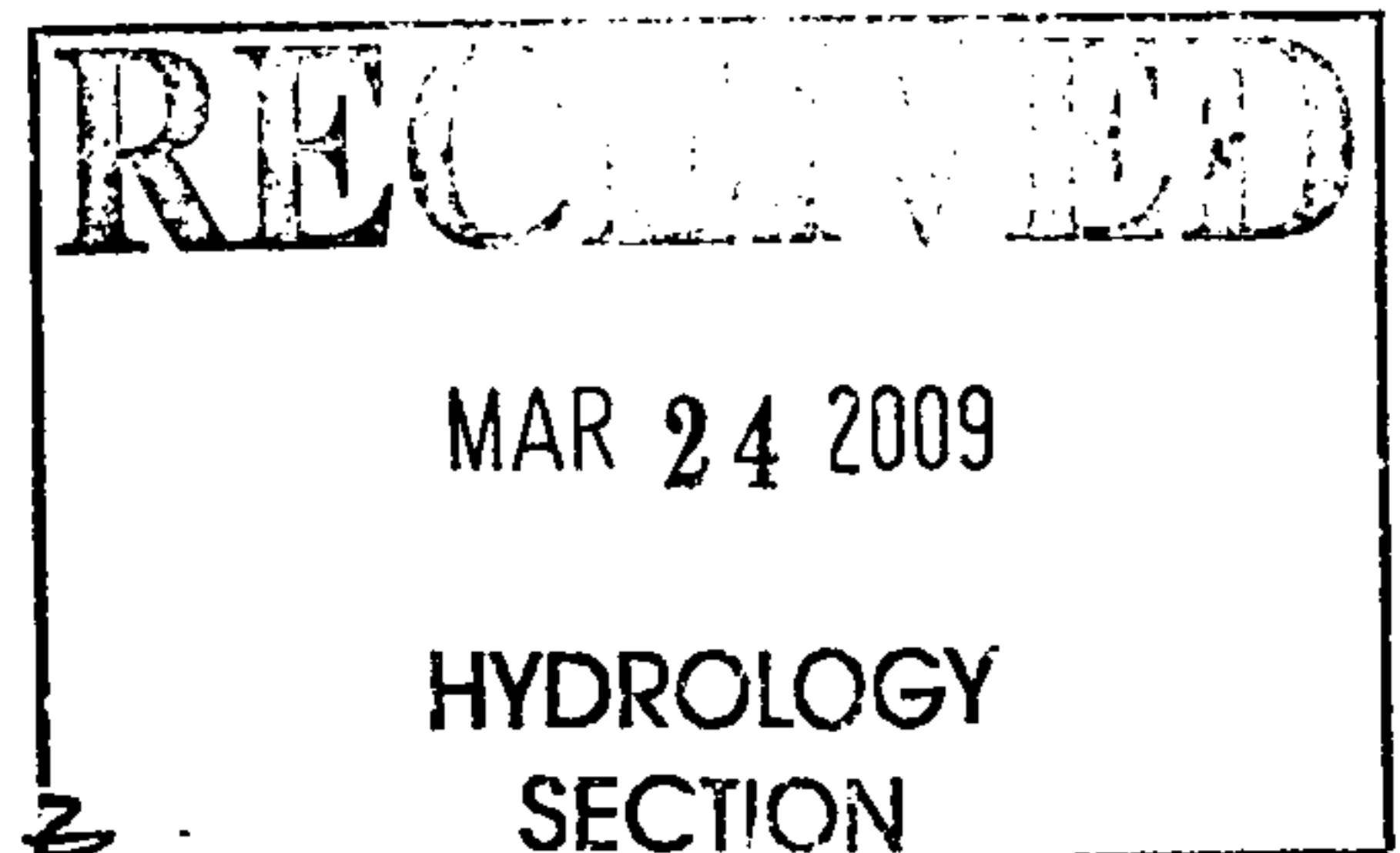
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL, *REQUIRES TCL or equal*
- ☒ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEERS CERTIFICATION (TCL)
- ☐ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D. APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☒ FINAL PLAT APPROVAL
- ☒ FOUNDATION PERMIT APPROVAL
- ☒ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PERM.)
- ☐ CERTIFICATE OF OCCUPANCY (TEMP.)
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES
- ☐ NO
- ☐ COPY PROVIDED



DATE SUBMITTED: 03/24/09 BY: Gilbert Aldaz

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of 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 subdivisions containing more than ten (10) lots or constituting five (5) acres or more.



March 24, 2009

Mr. Curtis A. Cherne, P.E.
Senior Engineer, Planning Dept.
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87112

RE: Ibarra Garage Grading and Drainage Plan, Engineer's Stamp dated 02-04-08
(K9/D034)

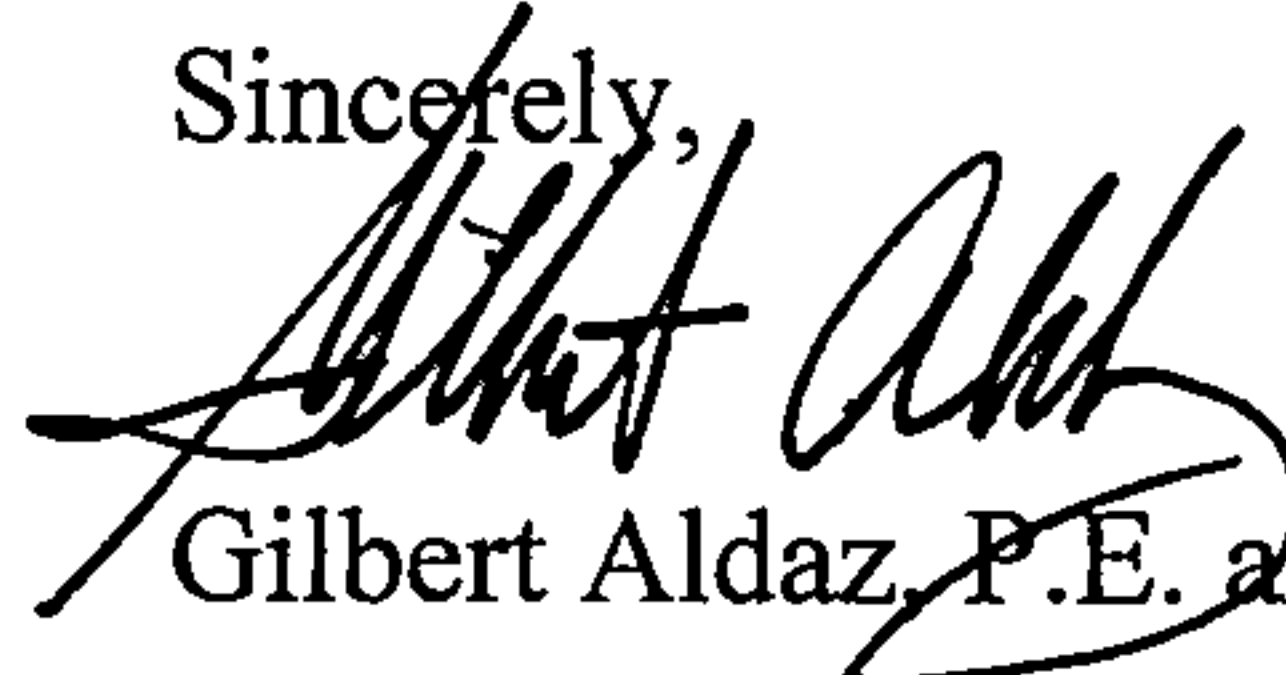
Dear Mr. Cherne:

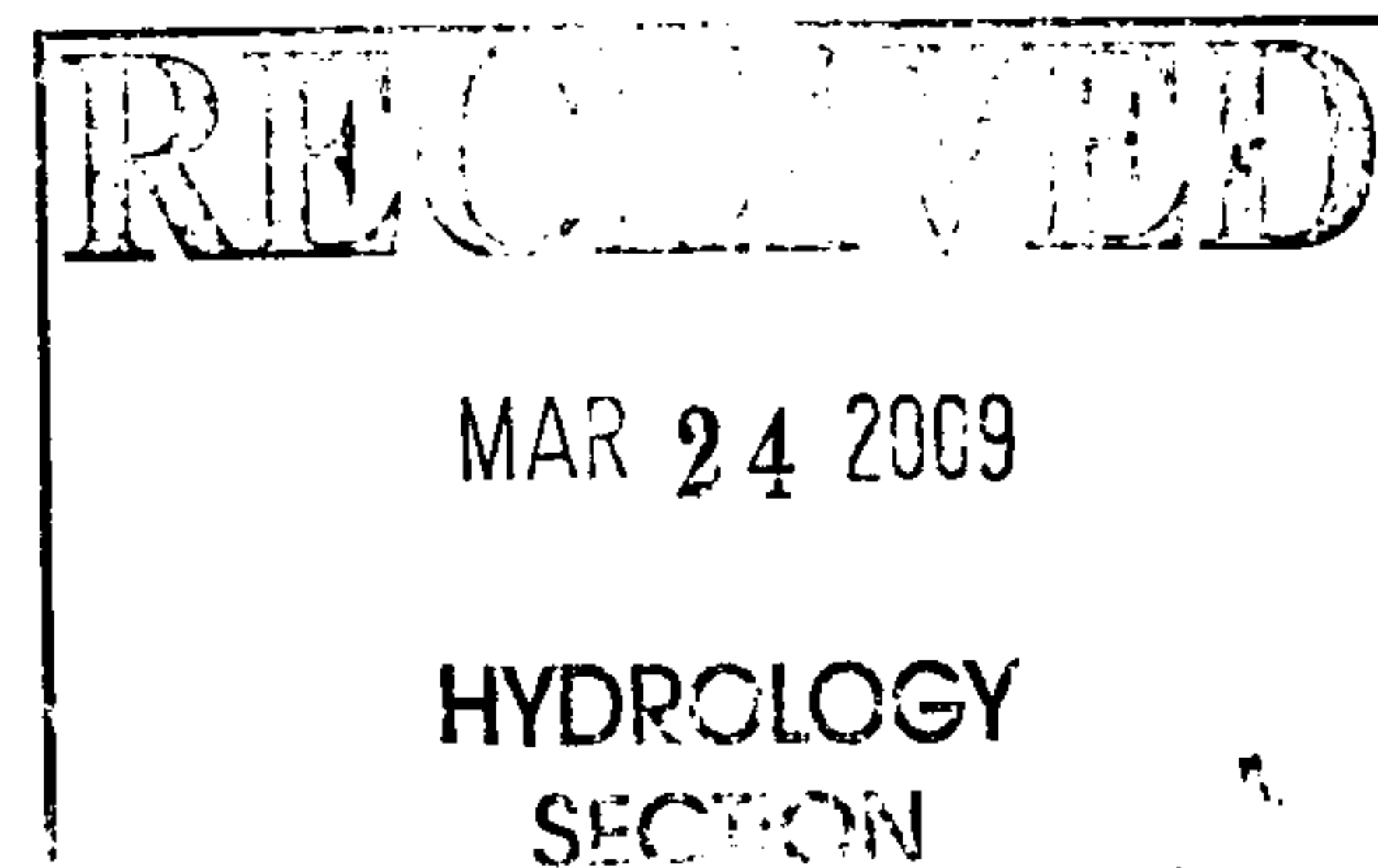
Please consider the following responses to address your comments March 10, 2008 regarding the above referenced grading and drainage plan for Ibarra Garage:

1. The sidewalk culverts now shown are 2 culverts at 18" width per COA STD DWG 2236 and extend to the face of curb.
2. We are extending the same sidewalk culvert section to the wall, a detail has been added for the penetration through the wall along with an invert.
3. I have increased the flows based on 90%D and 10%C, I believe this is excessive but looks like the proposed 2-18" wide culverts can handle this flow since it was designed as a weir and in reality would act more like a channel entry.
4. A desilting pond upstream of the sidewalk culvert as been added.

If you should have any question, please do not hesitate to call me at 480-8125.

Sincerely,


Gilbert Aldaz, P.E. and P.S.



CITY OF ALBUQUERQUE



March 10, 2008

Gilbert Aldaz, P.E.
Applied Engineering, Inc.
1605 Blair Dr NE
Albuquerque, NM 87112

Re: Ibarra Garage Grading and Drainage Plan
Engineer's Stamp dated 2-4-08 (K9/D034)

Dear Mr. Aldaz,

Based upon the information provided in your submittal dated 2-6-08, the above referenced plan is approved for Preliminary Plat action by the DRB.

However, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

- Sidewalk culverts per COA STD DWG 2236 are a maximum of 2' wide. Widths greater than this require a detail. Also, sidewalk culverts extend to the face of curb.
- Provide a detail for the 3' rundown upstream of the sidewalk culvert with an invert.
- It is foreseeable that the dirt portion of this site will be paved. Therefore, size the sidewalk culvert for land treatments 90%D 10% C (~5.4 cfs).
- In addition, provide a desilting pond upstream of the sidewalk culvert to prevent sediment from entering the ROW.

If you have any questions, you can contact me at 924-3695.

Sincerely,

Curtis A. Cherne, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

C: file
Brad Bingham