

# CITY OF ALBUQUERQUE



April 20, 2012

David Soule, P.E.  
Rio Grande Engineering  
P.O. Box 93924  
Albuquerque, NM 87199

**Re: HUESTAS DE LA FE Church Expansion  
Grading and Drainage Plan  
Engineer's Stamp date 4-15-12 (G-15/D104)**

Dear Mr. Soule,

PO Box 1293

Based upon the information provided in your submittal received 4/17/12, the Grading and Drainage Plan is approved for Building Permit.

Albuquerque

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

NM 87103

Albuquerque's MS4 Permit became effective March 1<sup>st</sup>, 2012. Grading and Drainage Plans and Drainage Reports will have to comply with the requirements of the new permit (<http://www.cabq.gov/planning/landcoord/documents/EPA-NMS000101-FinalPermit.pdf>).

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

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

Sincerely,

Shahab Biazar, P.E.  
Senior Engineer, Planning Dept.  
Development and Building Services

C: e-mail

# DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 01/28/2003rd)

PROJECT TITLE: Huestras de la fe  
DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_

ZONE MAP/DRG. FILE #: G15/D104  
WORK ORDER #: \_\_\_\_\_

LEGAL DESCRIPTION: Lots 17-20 Manuel Sanchez subciviison  
CITY ADDRESS: 4616 2ND ST NW

ENGINEERING FIRM: Rio Grande Engineering  
ADDRESS: PO BOX 67305  
CITY, STATE: Alb

CONTACT: David Soule, PE  
PHONE: (505)321-9099  
ZIP CODE: 87199

OWNER: PENTECOSTAL HOLINESS CH  
ADDRESS: 4616 2ND ST NW  
CITY, STATE: alb

CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
ZIP CODE: 87106

ARCHITECT: Joe Simons  
ADDRESS: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
ZIP CODE: \_\_\_\_\_

SURVEYOR: Geo surv CO  
ADDRESS: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_

CONTACT: David Vigil  
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

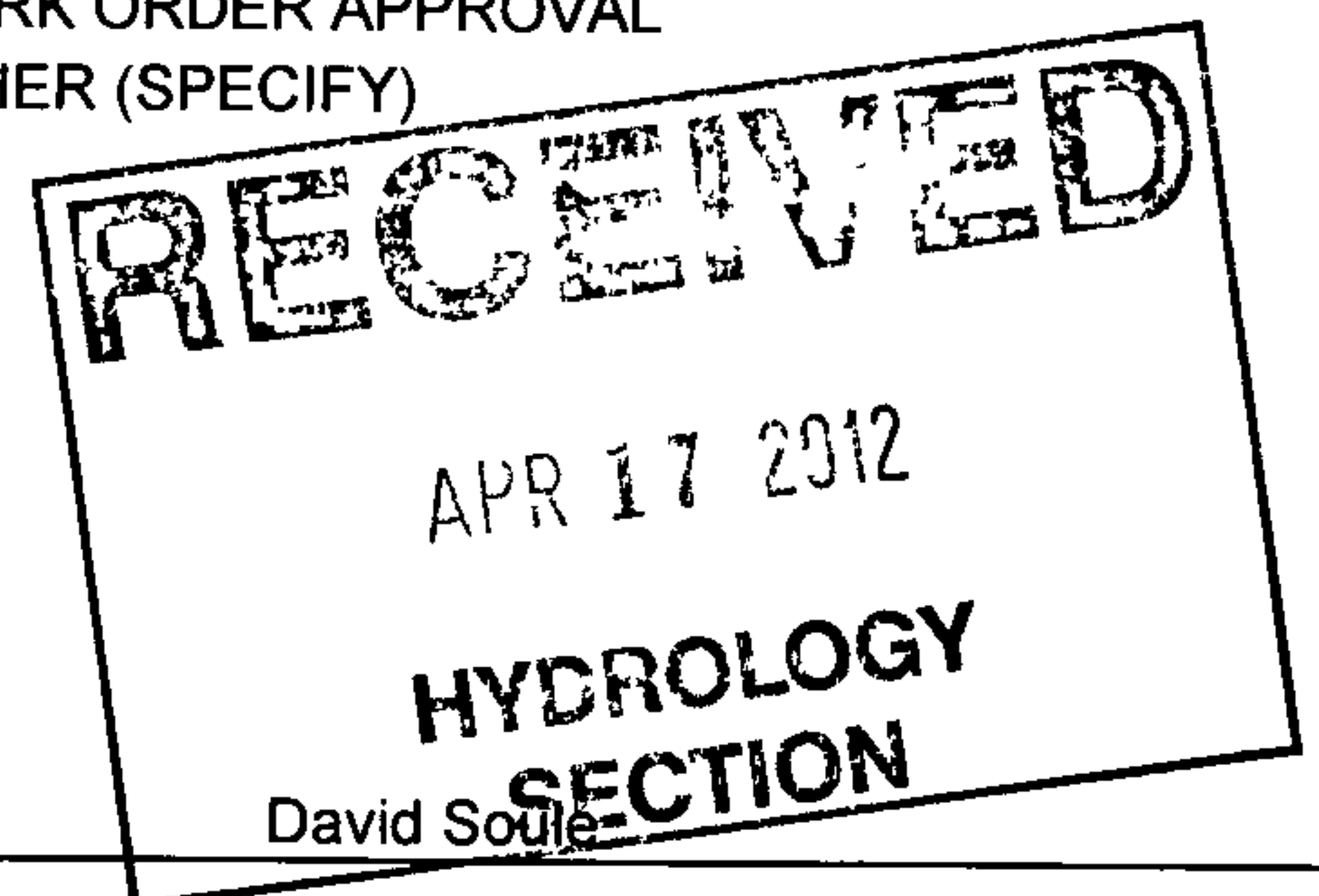
## CHECK TYPE OF APPROVAL SOUGHT

\_\_\_\_ SIA / FINANACIAL 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: 4/17/2012 BY: \_\_\_\_\_



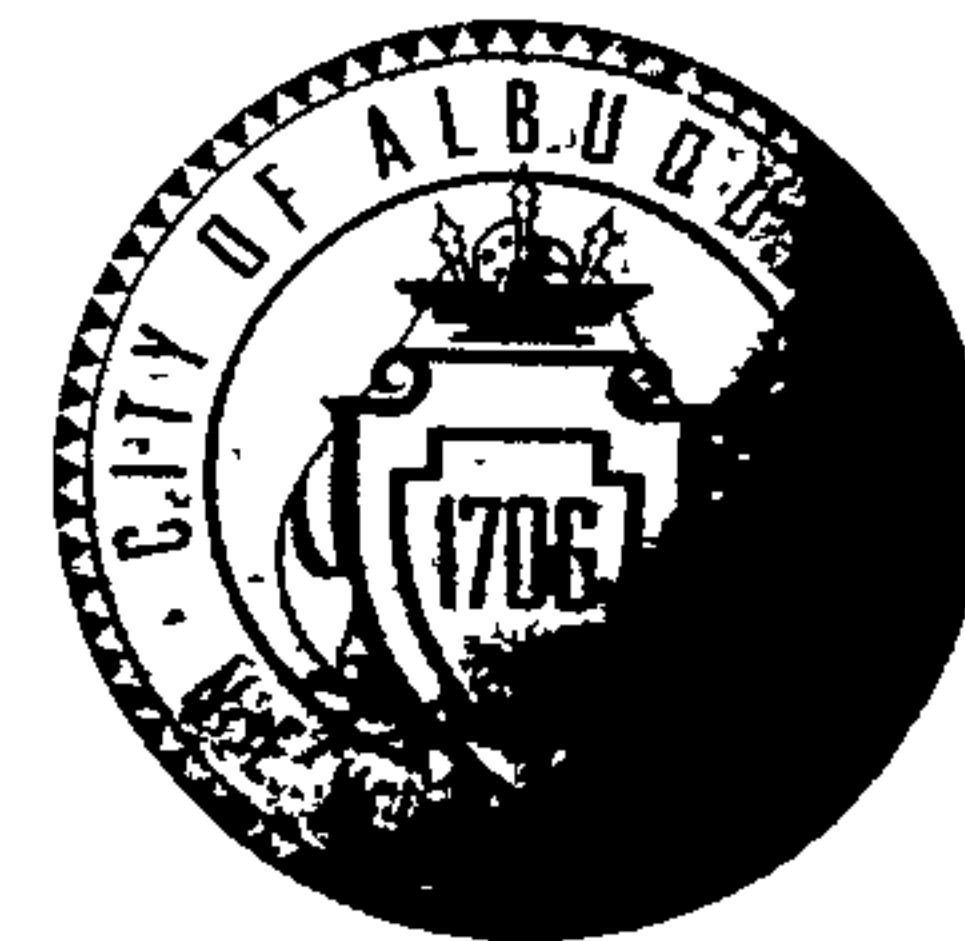
Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drange submittal.

The particular nature, location and scope of the proposed development defines the degree of drainage detail.

One or more of the following levels of sumbittal may be required based on the following

1. **Conceptual Grading and Drainage Plans** 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.

# CITY OF ALBUQUERQUE



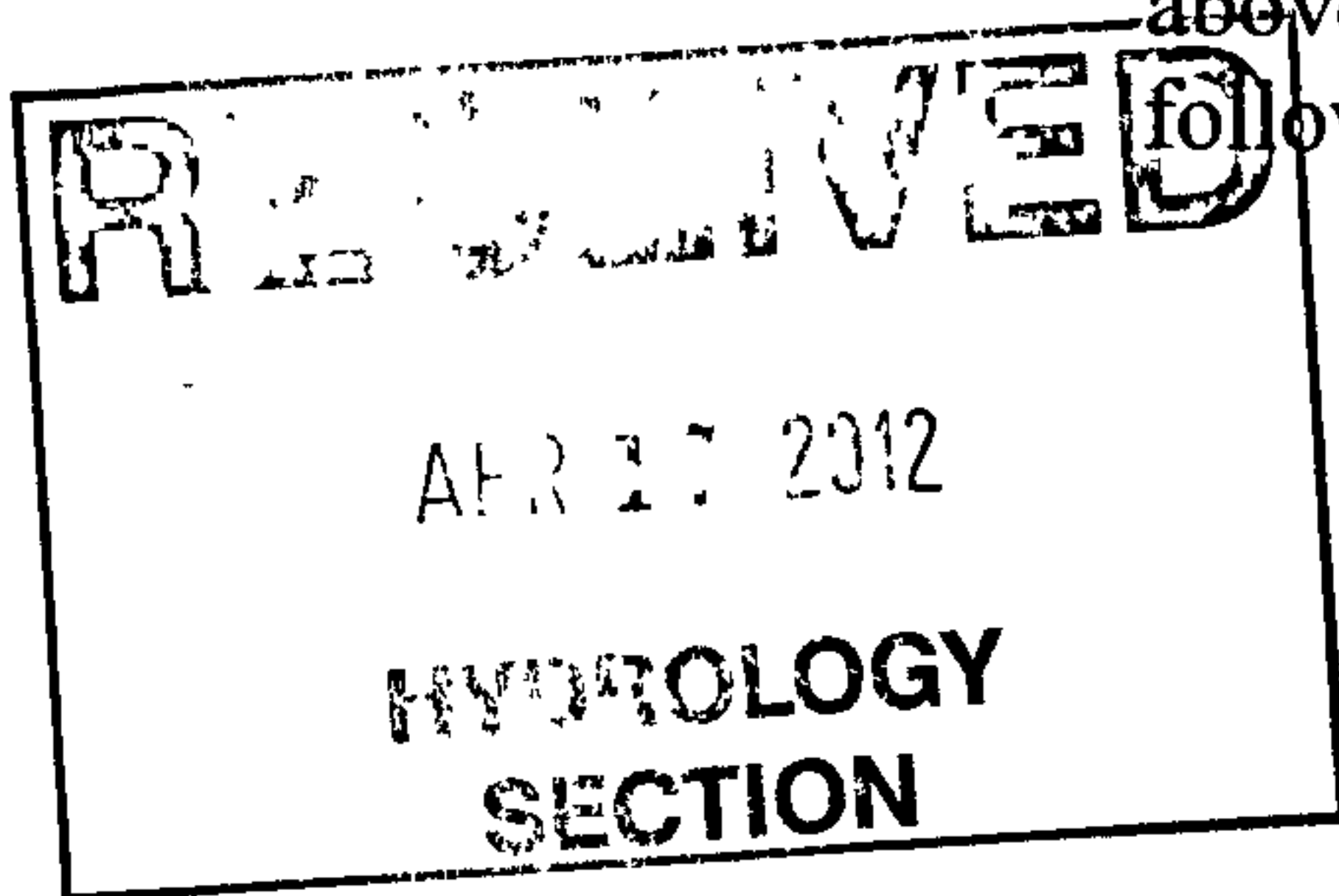
October 18, 2011

David Soule, P.E.  
Rio Grande Engineering  
P.O. Box 67305  
Albuquerque, NM 87193

**Re: HUESTAS DE LA FE Church Expansion**  
**Grading and Drainage Plan**  
**Engineer's Stamp date 8-10-11 (G-15/D104)**

Dear Mr. Soule,

Based upon the information provided in your submittal received 10/07/11, the above referenced plan cannot be approved for Building Permit or Grading Permit until the following comments are addressed:



PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

- Show the AH flood zone at the west end of this site on the plan. *FL-71*
- Is this addition being placed over existing concrete? If so, what does keyed not 4 pertain to? *Remove*
- It is difficult to confirm your land treatment calculations for this site please adjust your plan accordingly. *Exhibit*
- Give elevation points from the surrounding sites. ✓
- Prior to CO, an Elevation Certificate for the existing structure in the AE Flood Zone is required. ✓
- A Floodplain Development Permit is required for the proposed building in the AE Flood Zone. *Not in Flood Zone*
- Provide routing calculations for the pond to verify maximum discharge and the 100 year WSEL. *NA*
- Remove all notes pertaining to the French drain. ✓
- Is this site being repaved or is it being repaired? Are the Islands providing landscaping or are they just painted? *Repair (Pave) as shown.*
- It appears that the water blocks are in the wrong locations, does this change your calculations? ✓
- At the area drain location, what is the land treatment for this area? It does not appear to provide any slope toward the inlet. *Remove*
- Call out flowline elevations at the Northern entrance on 2<sup>nd</sup> St. ✓

Hydrology is requesting that proposed landscape areas be depressed to retain/infiltrate the rain that falls on them. ✓

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

Sincerely,

Shahab Biazar, P.E.  
Senior Engineer, Planning Dept.  
Development and Building Services

RER/SB  
C: File

Weighted E Method

Basin	Area (sf)	Area (acres)	Treatment A		Treatment B		Treatment C		Treatment D		100-Year, 6-hr			10-day
			%	(acres)	%	(acres)	%	(acres)	%	(acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)
Existing a	17580.00	0.404	0%	0	10%	0.040	13%	0.052466	77%	0.311	1.857	0.062	1.72	0.104
Existing b	36140.00	0.830	0%	0	0%	0.000	34%	0.282084	65%	0.539	1.762	0.122	3.42	0.194
Proposed a	17580.00	0.404	0%	0	11%	0.044	14%	0.056501	75%	0.303	1.834	0.062	1.70	0.102
Proposed b	36140.00	0.830	0%	0	5%	0.041	10%	0.082966	85%	0.705	1.954	0.135	3.67	0.229
diff a												-0.001	-0.02	-0.002
diff b	0.00											0.013	0.249	0.035

Equations:

Weighted E =  $E_a \cdot A_a + E_b \cdot A_b + E_c \cdot A_c + E_d \cdot A_d / (\text{Total Area})$

Volume = Weighted D \* Total Area

Flow =  $Q_a \cdot A_a + Q_b \cdot A_b + Q_c \cdot A_c + Q_d \cdot A_d$

Where for 100-year, 6-hour storm

Ea= 0.53	Qa= 1.56
Eb= 0.78	Qb= 2.28
Ec= 1.13	Qc= 3.14
Ed= 2.12	Qd= 4.7

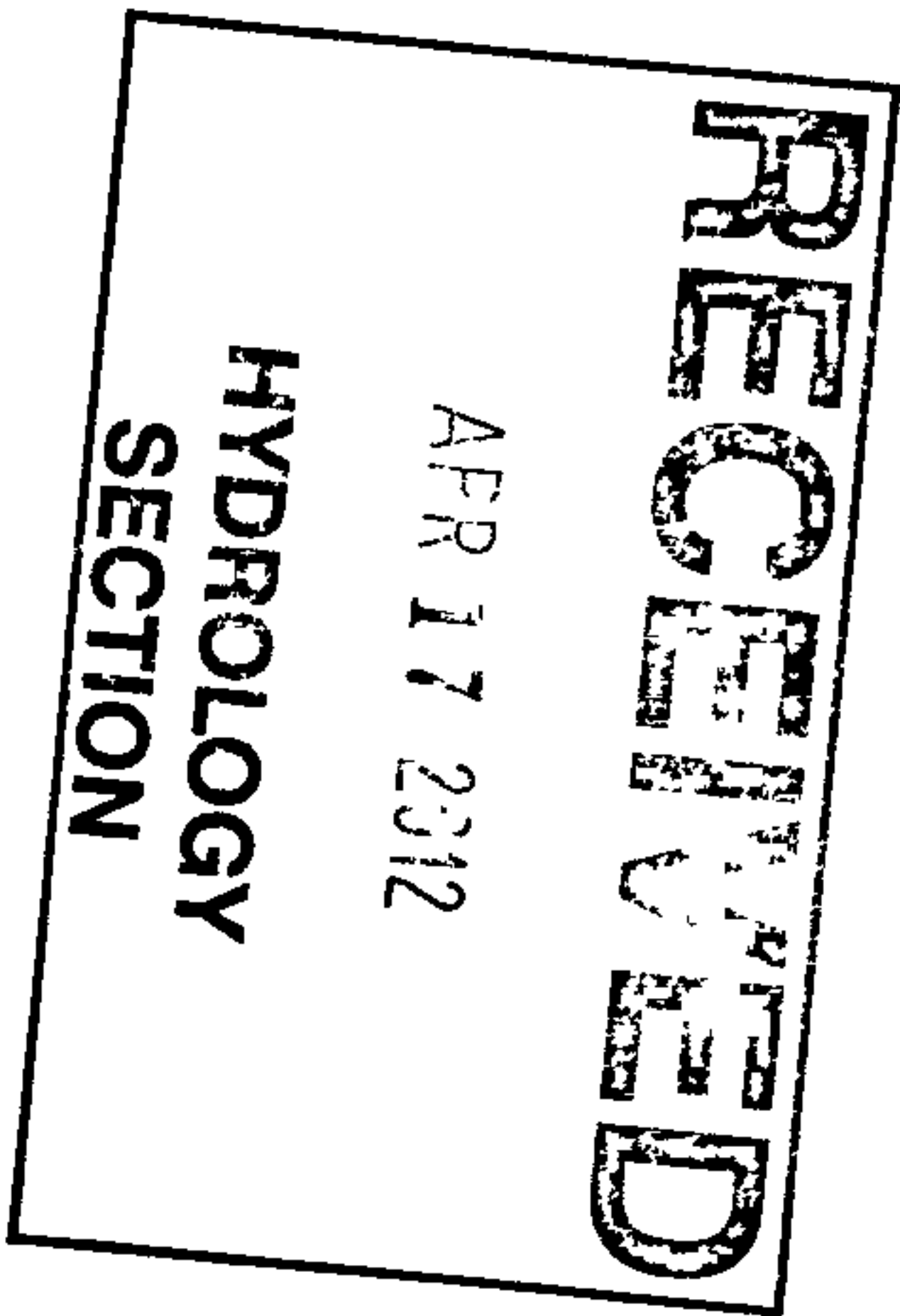
Developed Conditions

DRAINS TO SECOND

EXISTING	1.72 CFS
PROPOSED	1.70 CFS
DECREASE	0.02 CFS

DRAINS TO SOUTH

EXISTING	3.42 CFS	8439.3 CUBIC FEET (10-DAY)
PROPOSED	3.67 CFS	9980.7 CUBIC FEET (10-DAY)
INCREASE	0.25 CFS	1541.4 CUBIC FEET (10-DAY)





# RIO GRANDE ENGINEERING OF NEW MEXICO, LLC

April 17, 2012

Mr. Shahab Biazar, PE  
Senior Engineer, Planning Dept  
City of Albuquerque

**RE: Grading and Drainage Plan  
Huestas de la fe  
G15/D104**

Dear Mr. Biazar:

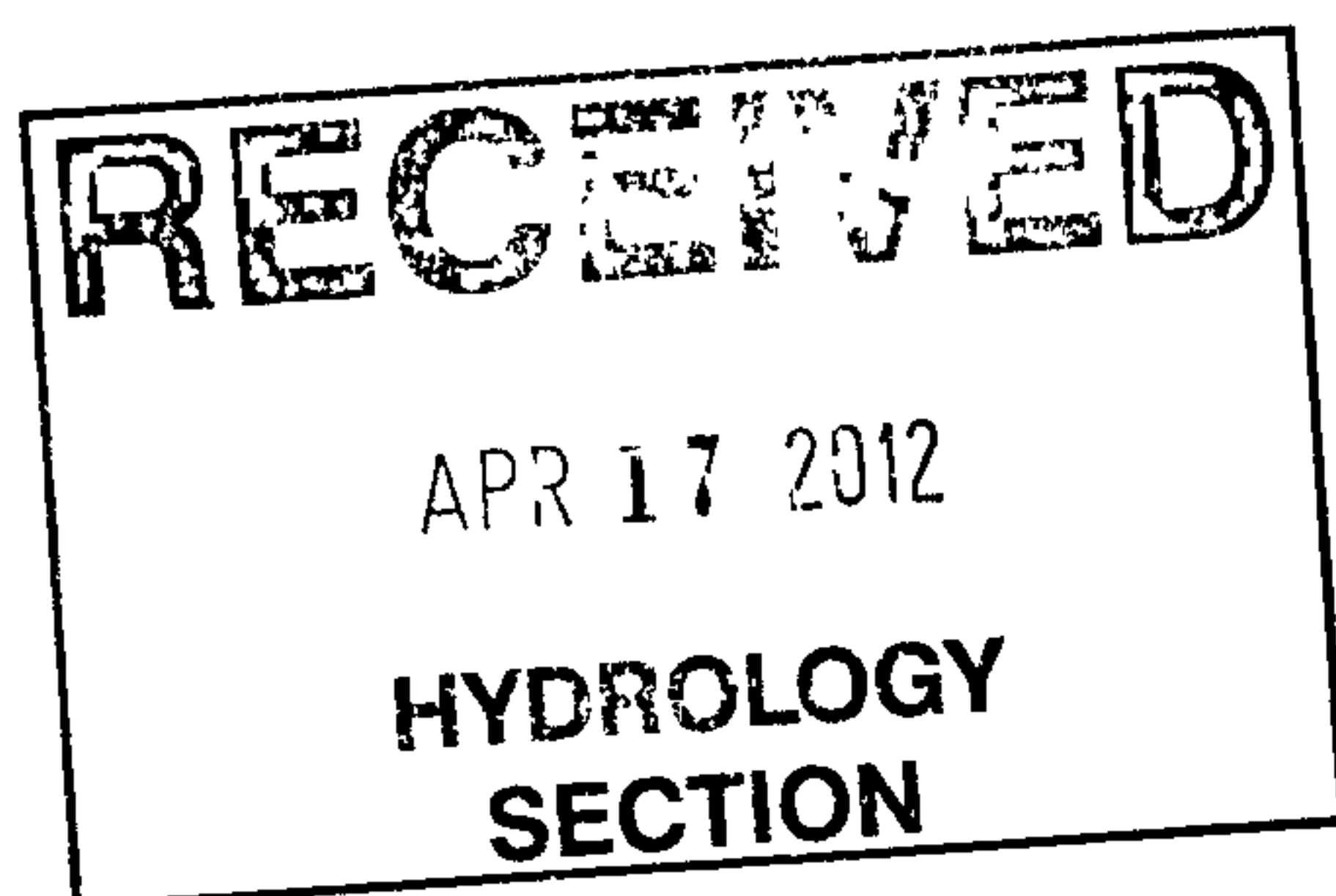
The purpose of this letter is to accompany the drainage resubmittal. The plan has been modified to address your written comments dated 8/10/11. Due to the nature of the site and redevelopment nature, I have significantly revised the drainage scheme. The site currently drains the front 1/3 to second street and the rear 2/3 to the property to the south. The elimination of the entire flow does not appear to be warranted. It is the design intent to capture/harvest the increase in flow and allow the historical pattern of flow to leave the site along the southwest corner. Due to the total change in plan I don't think itemizing your comments makes sense. I am including copy of your letter with written comments on it. The significant issues regarding the flood plain should be cleared up with the spot elevations, the base flood is 1' above flow line and the 73 contours at property line shows the flood plain does not affect the building. A flood certification can be provided if required prior to co.

Should you have any questions regarding this submittal, please do not hesitate to call me.

Sincerely,



David Soule, PE  
Rio Grande Engineering  
PO Box 93924  
Albuquerque, New Mexico 87199  
505-321-9099



RECEIVED

APR 17 2012

HYDROLOGY  
SECTION

4310 sf perimeter landscaping

BASIN B

285 sf landscaping

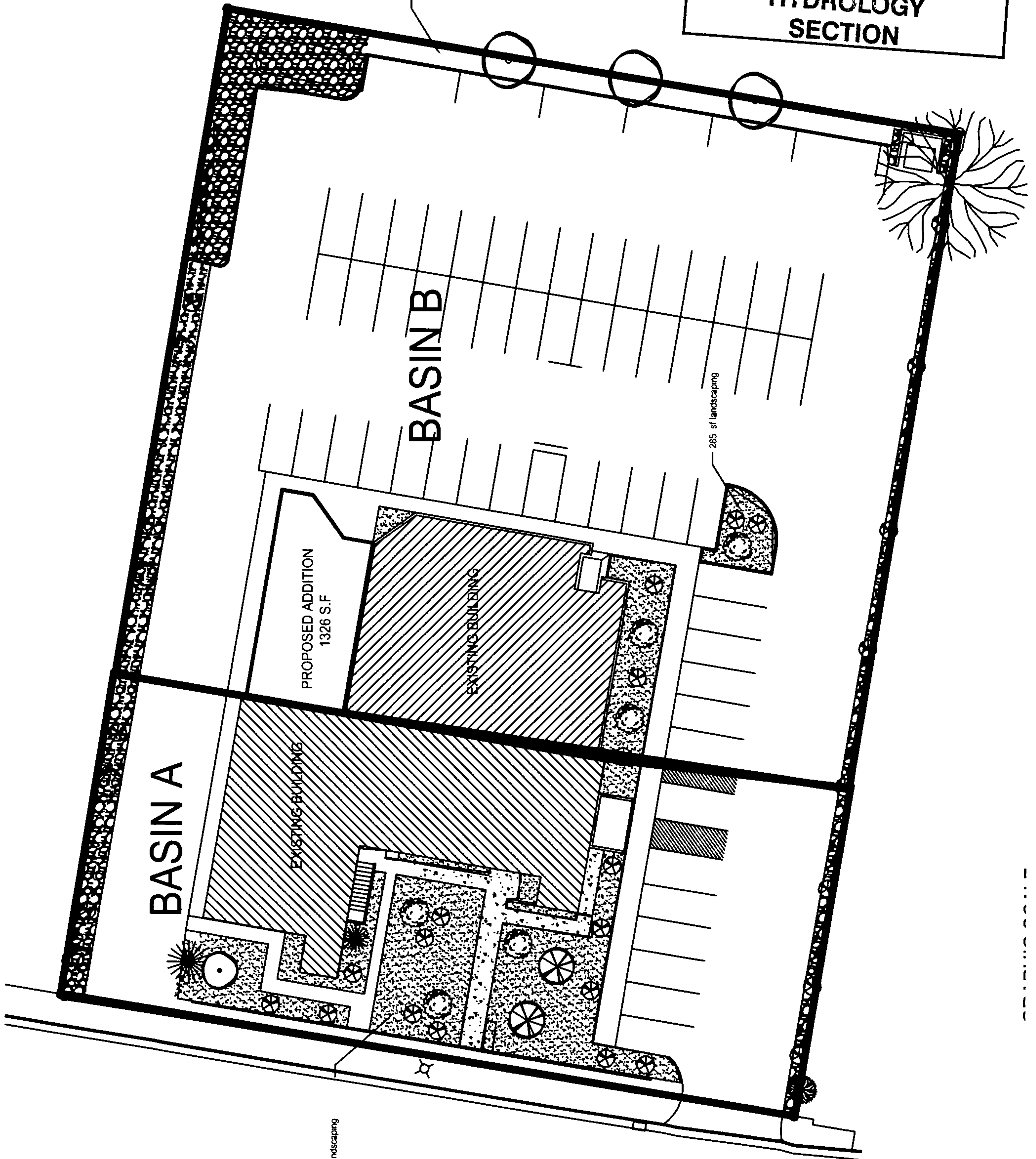
PROPOSED ADDITION  
1326 S.F.

EXISTING BUILDING

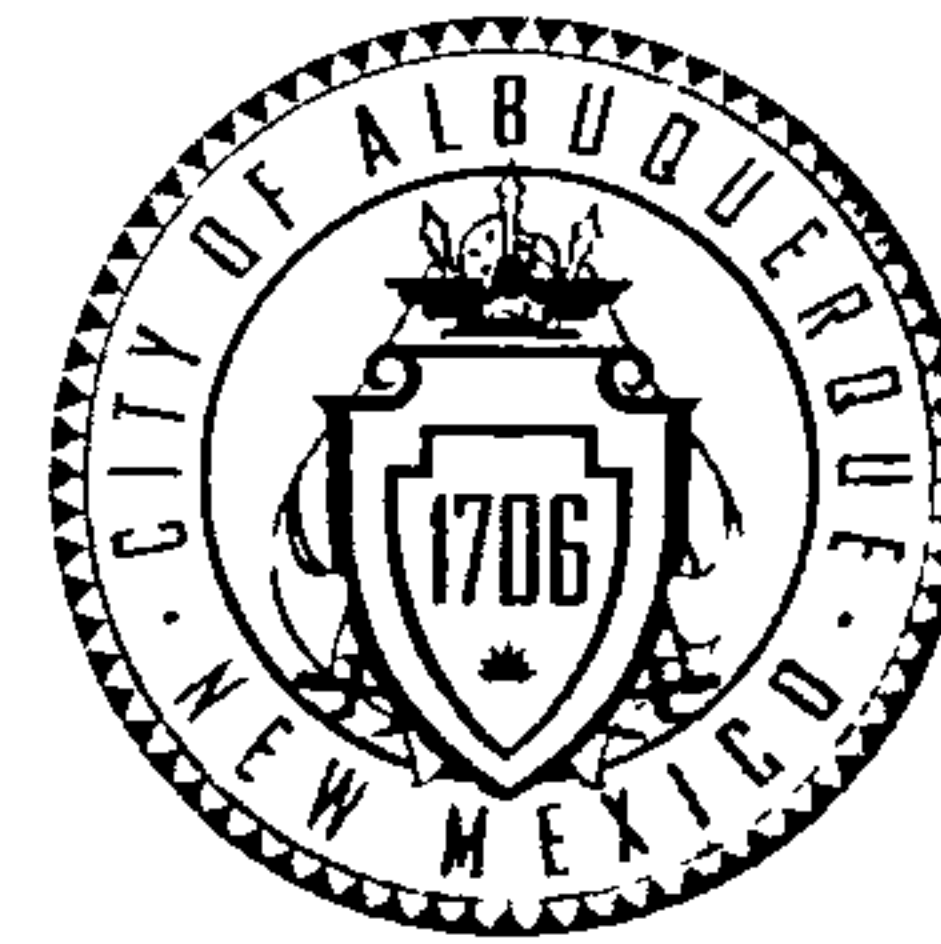
BASIN A

EXISTING BUILDING

4085 sf landscaping



# CITY OF ALBUQUERQUE



October 18, 2011

David Soule, P.E.  
Rio Grande Engineering  
P.O. Box 67305  
Albuquerque, NM 87193

**Re: HUESTAS DE LA FE Church Expansion**

**Grading and Drainage Plan**

**Engineer's Stamp date 8-10-11 (G-15/D104)**

Dear Mr. Soule,

Based upon the information provided in your submittal received 10/07/11, the above referenced plan cannot be approved for Building Permit or Grading Permit until the following comments are addressed:

- Show the AH flood zone at the west end of this site on the plan.
- Is this addition being placed over existing concrete? If so, what does keyed not 4 pertain to?
- It is difficult to confirm your land treatment calculations for this site please adjust your plan accordingly.
- Give elevation points from the surrounding sites.
- Prior to CO, an Elevation Certificate for the existing structure in the AE Flood Zone is required.
- A Floodplain Development Permit is required for the proposed building in the AE Flood Zone.
- Provide routing calculations for the pond to verify maximum discharge and the 100 year WSEL.
- Remove all notes pertaining to the French drain.
- Is this site being repaved or is it being repaired? Are the Islands providing landscaping or are they just painted?
- It appears that the water blocks are in the wrong locations, does this change your calculations?
- At the area drain location, what is the land treatment for this area? It does not appear to provide any slope toward the inlet.
- Call out flowline elevations at the Northern entrance on 2<sup>nd</sup> St.

Hydrology is requesting that proposed landscape areas be depressed to retain/infiltrate the rain that falls on them.

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

Sincerely,

Shahab Biazar, P.E.  
Senior Engineer, Planning Dept.  
Development and Building Services

C: RER/SB  
File

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov



# DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 01/28/2003rd)

PROJECT TITLE: Huestras de la fe  
DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_

ZONE MAP/DRG. FILE #: G15/D104  
WORK ORDER #: \_\_\_\_\_

LEGAL DESCRIPTION: Lots 17-20 Manuel Sanchez subciviison  
CITY ADDRESS: 4616 2ND ST NW

ENGINEERING FIRM: Rio Grande Engineering  
ADDRESS: PO BOX 67305  
CITY, STATE: Alb

CONTACT: David Soule, PE  
PHONE: (505)321-9099  
ZIP CODE: 87199

OWNER: PENTECOSTAL HOLINESS CH  
ADDRESS: 4616 2ND ST NW  
CITY, STATE: alb

CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
ZIP CODE: 87106

ARCHITECT: Joe Simons  
ADDRESS: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
ZIP CODE: \_\_\_\_\_

SURVEYOR: Geo surv CO  
ADDRESS: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_

CONTACT: David Vigil  
PHONE: \_\_\_\_\_  
ZIP CODE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
ZIP CODE: \_\_\_\_\_

## CHECK TYPE OF SUBMITTAL:

## CHECK TYPE OF APPROVAL SOUGHT:

☐ 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

☐ SIA / FINANACIAL 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

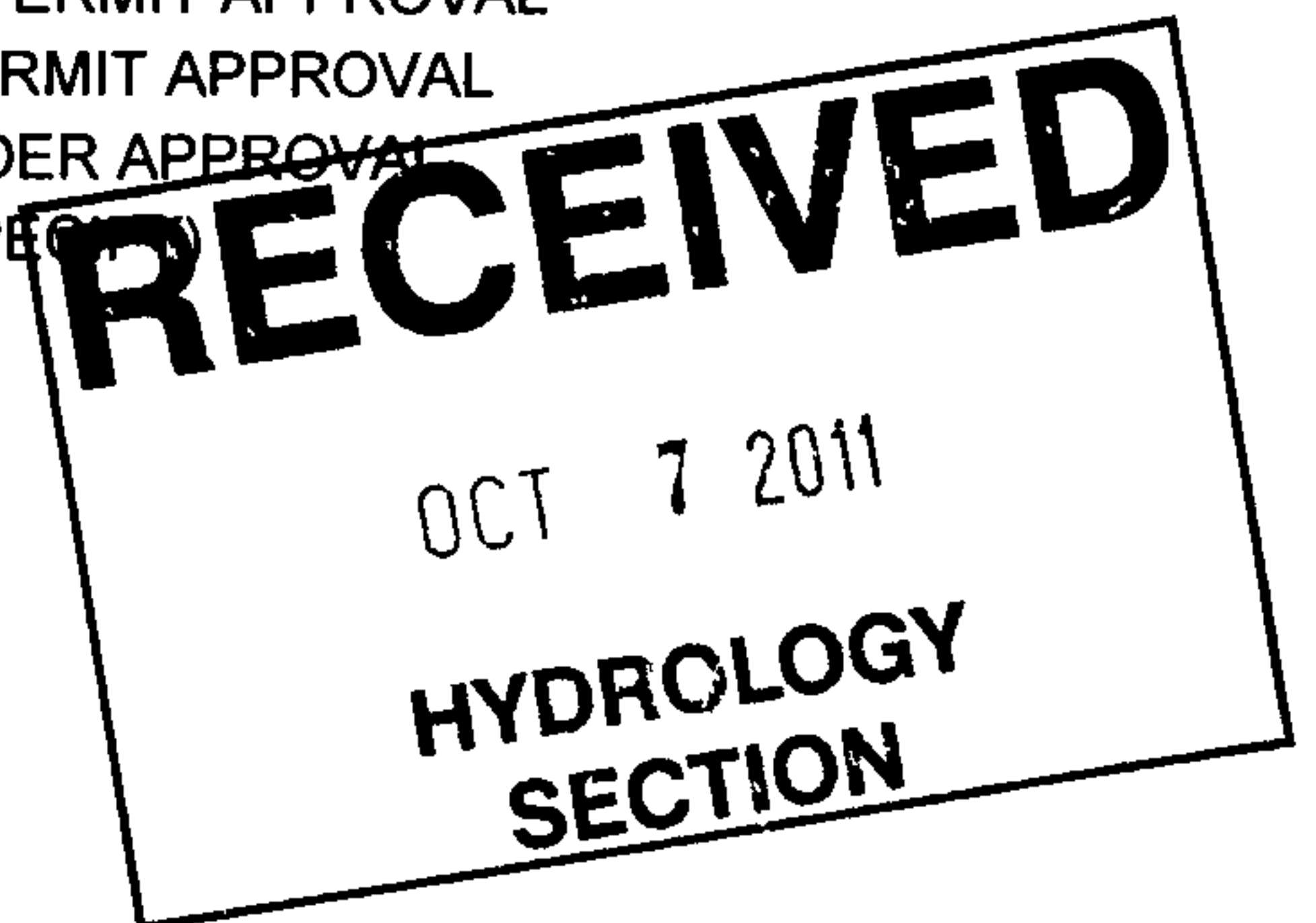
DATE SUBMITTED: 8/9/2011 BY: David Soule

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.

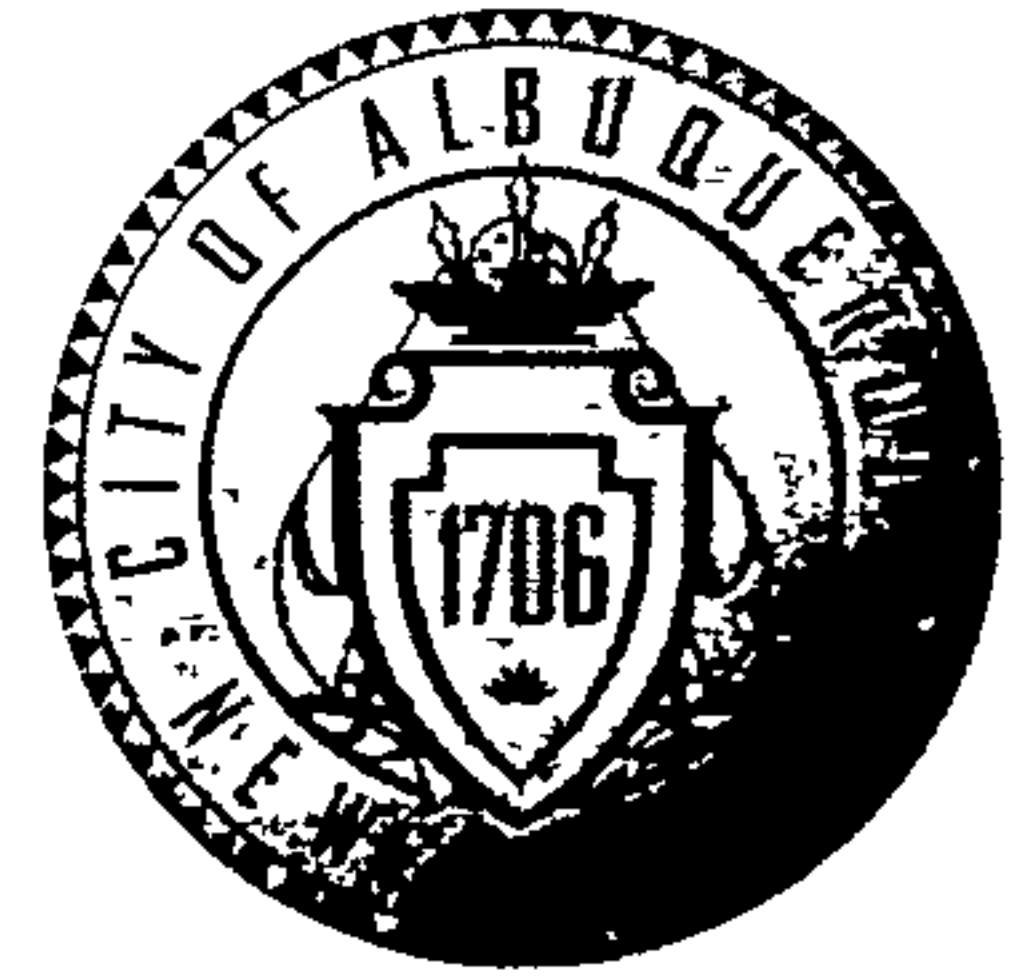
One or more of the following levels of submittal may be required based on the following:

- 1 **Conceptual Grading and Drainage Plans:** 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.





# CITY OF ALBUQUERQUE



August 12, 2011

David Soule, P.E.  
Rio Grande Engineering  
P.O. Box 67305  
Albuquerque, NM 87193

**Re: HUESTAS DE LA FE Church Expansion**  
**Grading and Drainage Plan**  
**Engineer's Stamp date 8-10-11 (G-15/D104)**

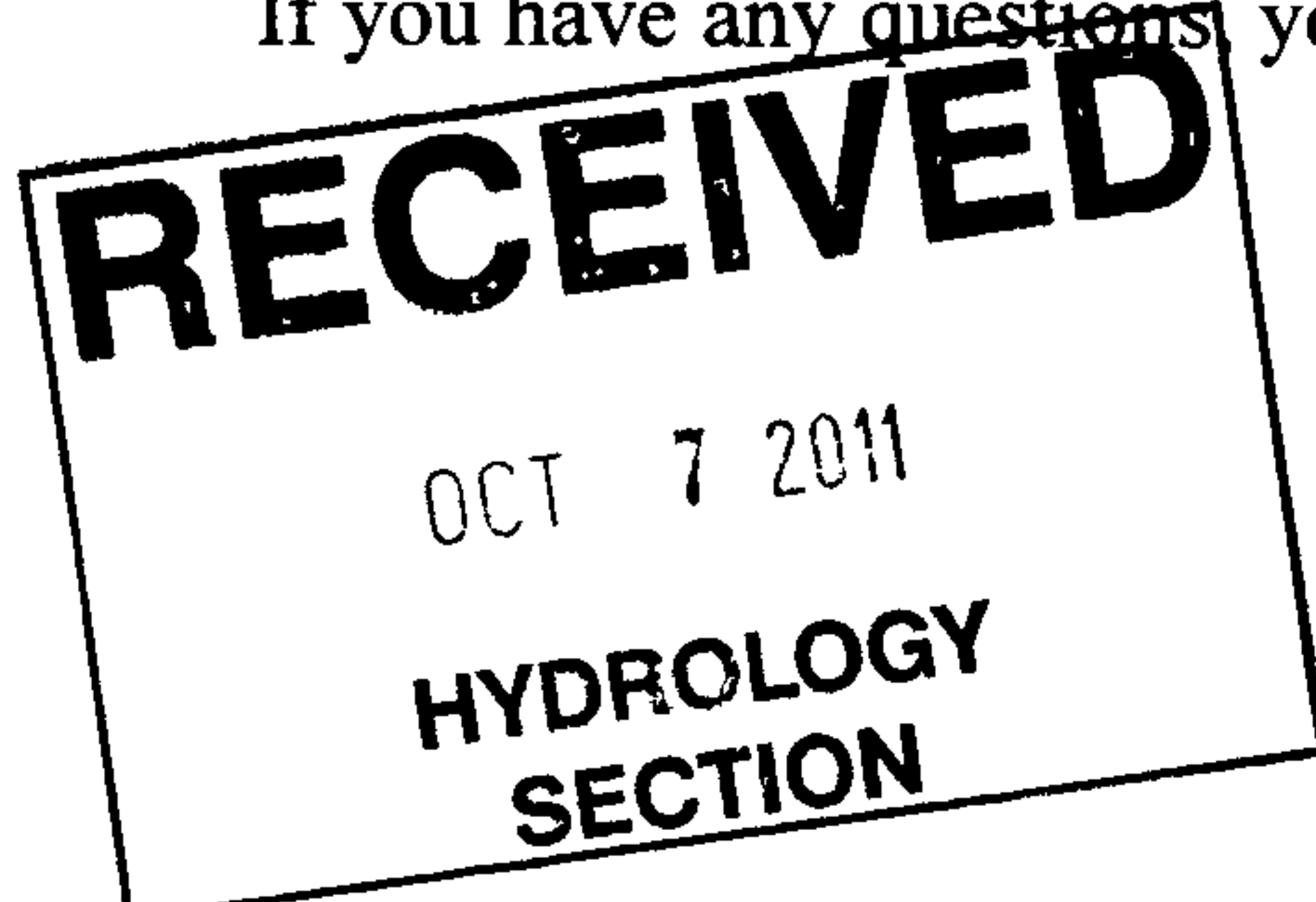
Dear Mr. Soule,

Based upon the information provided in your submittal received 8/10/11, the above referenced plan cannot be approved for Building Permit or Grading Permit until the following comments are addressed:

- A basin map is needed for the new building configuration, also showing the AH flood zone at the west end of this site.
- Is there an addition or are you just adding the inlets?
- An SO-19 is required to tie into the existing inlet. Add SO-19 notes to plan.
- It is difficult to confirm your land treatment calculations for this site please adjust your plan accordingly.
- Give elevation points from the surrounding sites.
- Prior to CO, an Elevation Certificate for the existing structure in the AE Flood Zone is required.
- A Floodplain Development Permit is required for the proposed building in the AE Flood Zone.
- Flows must be maintained at or below historic values.
- Provide inlet calculations with a 50% clogging factor.
- Provide the 100 year WSEL.
- Why was this site not built per approved plan dated 6/4/09?

Hydrology is requesting that proposed landscape areas be depressed to retain/infiltrate the rain that falls on them.

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



Sincerely,

Shahab Biazar, P.E.  
Senior Engineer, Planning Dept.  
Development and Building Services

C: RER/SB  
File

# VOLUME CALCULATIONS

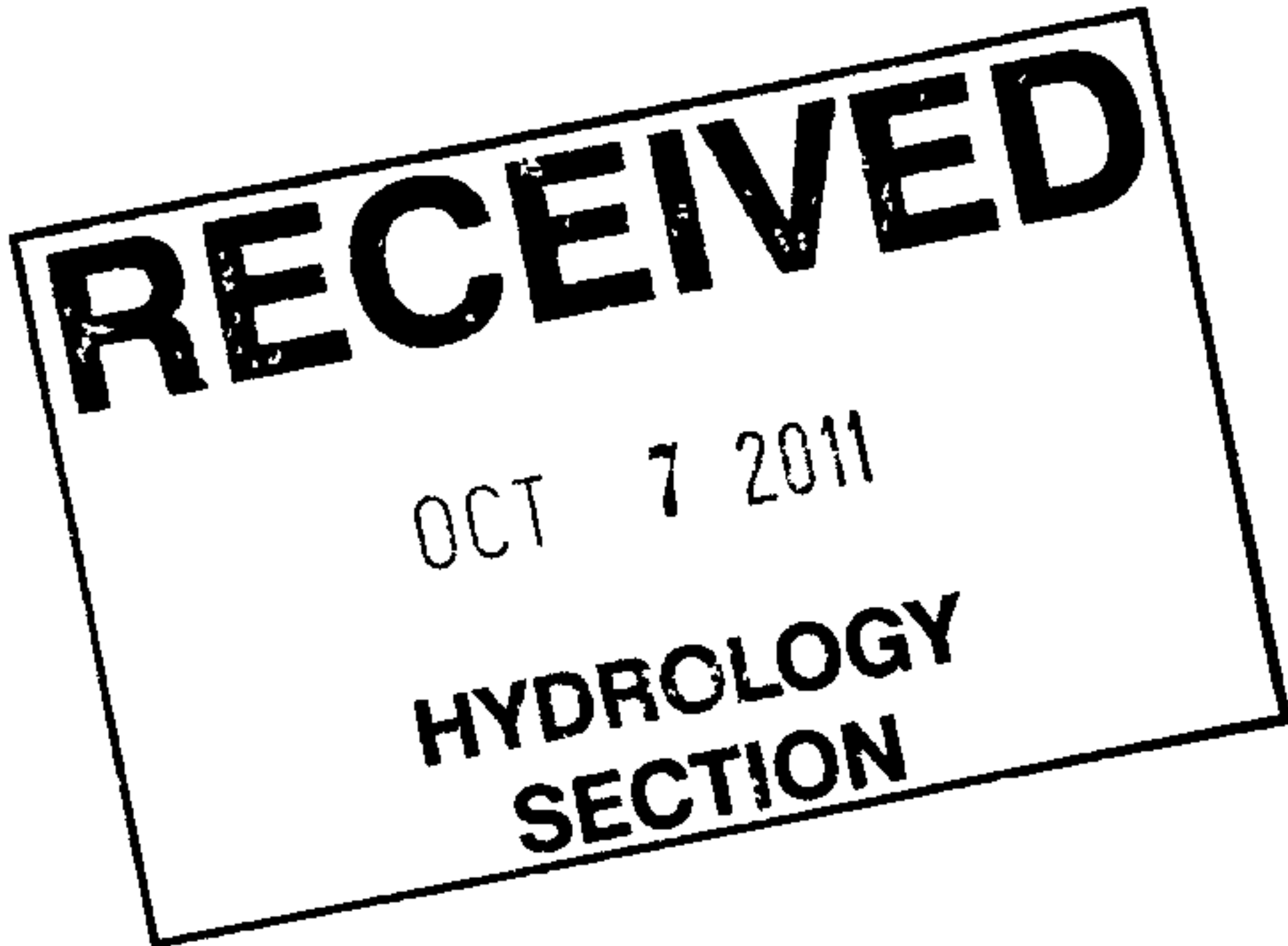
invert  
mwse1

ACTUAL ELEV.	DEPTH (FT)	VOLUME (AC-FT)	Q (CFS)
68.9	0	0	0
72.00	3.10	0.0080	1.596

Orifice Equation

$Q = CA \sqrt{2gH}$

C = 0.6  
Diameter (in) 6  
Area (ft^2)= 0.19634954  
g = 32.2  
H (Ft) = Depth of water above center of orifice  
Q (CFS)= Flow



# RIO GRANDE ENGINEERING OF NEW MEXICO, LLC

October 6, 2011

Mr. Shahab Biazar, PE  
Senior Engineer, Planning Dept  
City of Albuquerque

**RE: Grading and Drainage Plan  
Huestas de la fe  
G1-15/D104**

Dear Mr. Shahab:

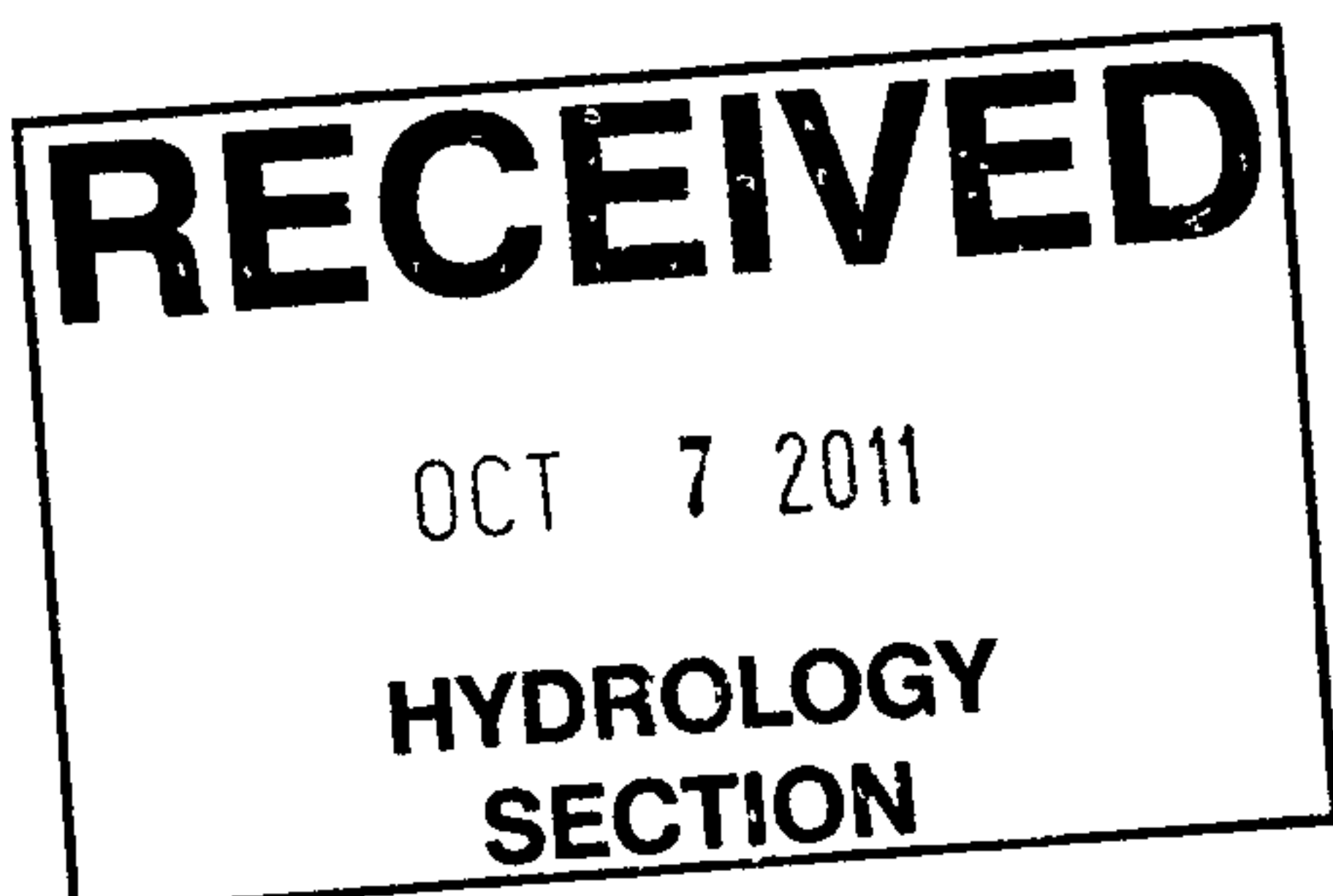
The purpose of this letter is to accompany the drainage resubmittal. The plan has been modified based upon your written comments dated 8/12/11. Based upon your comments I went back to the original approved design. The main change was to add additional building area and to eliminate the French drain. The design of the French drain seemed very awkward and we were not comfortable with the relationship between drain field and wall. I have added a 6" HDPE drain to the pond rather than the French drain. The drainage from this site discharges to the south entering 2<sup>nd</sup> street after crossing over adjacent properties. This storm drain connection is flat and will drain area slowly. The water will be stored in the pond and parking lot as shown in plan until the site drains. As shown on the previously approved plan the site currently generates 5.68 cfs that drain to street and adjacent properties. The proposed plan will generate 5.62 cfs of which will be throttled to 2.94 cfs as sheet flow and limited by the 6" orifice opening to 1.6 cfs via the storm drain grate. Therefore the site discharge will be reduced to 4.54 cfs. The excess volume will be detained onsite in the pond and parking lot until able to drain.

Should you have any questions regarding this submittal, please do not hesitate to call me.

Sincerely,

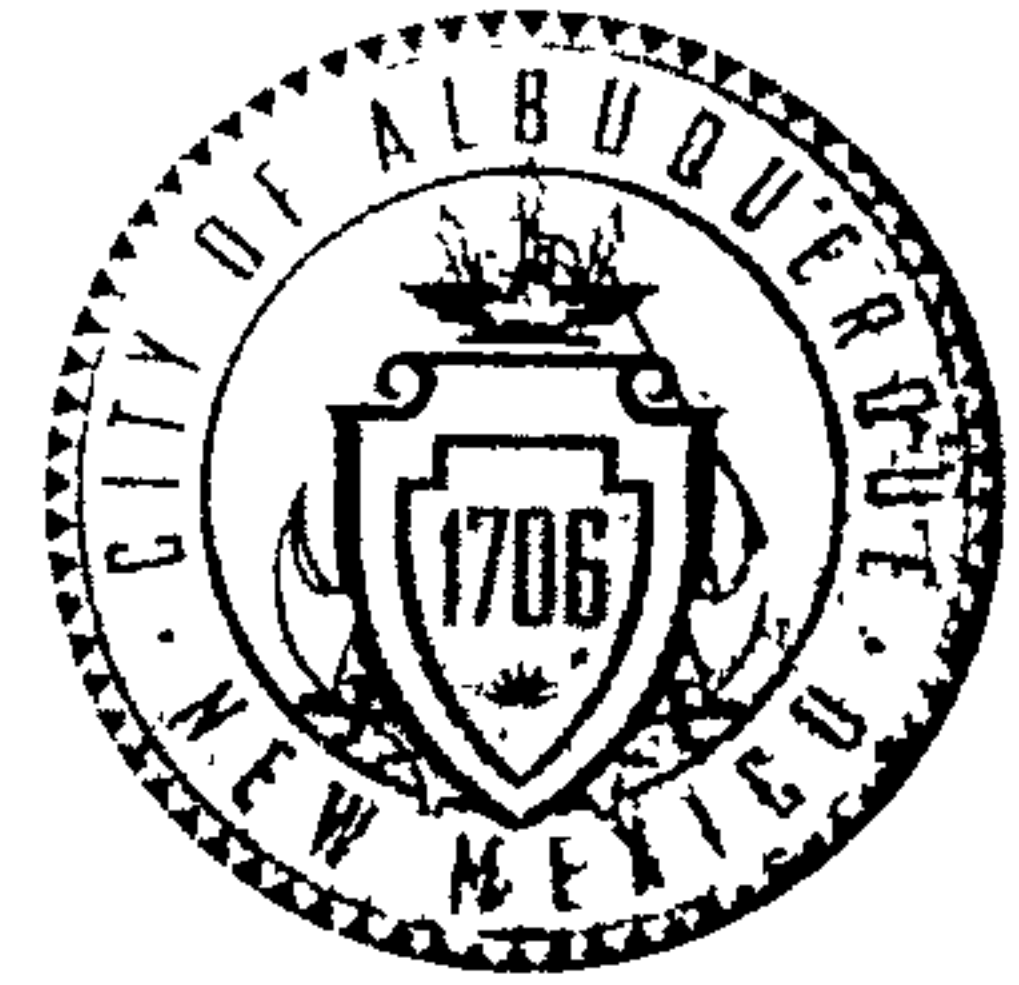


David Soule, PE  
Rio Grande Engineering  
PO Box 67305  
Albuquerque, New Mexico 87193  
505-321-9099





# CITY OF ALBUQUERQUE



June 5, 2009

David Soule, P.E.  
Land Development Consultants LLC and  
Rio Grande Engineering  
7009 Marilyn Ave NE  
Albuquerque, NM 87109

Re: Huestes de la fe Church,  
4616 2nd Street NW, Building Permit  
Engineer's Stamp dated 06-04-09 (G15-D104)

Dear Mr. Soule,

Based upon the information provided in your submittal received 06-05-09, the above referenced plan is approved for Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. **Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.**

PO Box 1293

If you have any questions, you can contact me at 924-3630.

Albuquerque

Sincerely,

NM 87103

Nilo Salgado-Fernandez, P.E.  
Senior Engineer, Planning Dept.  
Development and Building Services

www.cabq.gov

C: File



Albuquerque - Making History 1706-2006

Hydrology

# DRAINAGE AND TRANSPORTATION INFORMATION SHEET

Huestes DE LA FE (REV 12/2005)

G-15/D104  
G-15/D104

PROJECT TITLE: Huestra de la Fe Church ZONE MAP: GTSZ  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ WORK ORDER#: \_\_\_\_\_

LEGAL DESCRIPTION: LOTS 17, 18, 19 & 20 Manuel Sanchez Subd.

CITY ADDRESS: 4616 2nd St. Albuquerque, NM

ENGINEERING FIRM: Land Development Consultants / R6E

ADDRESS: 7009 Marikyn Ave NE

CITY, STATE: Albuquerque, NM

CONTACT: Danny Martinez / D.S.

PHONE: 505-797-4120 321-

ZIP CODE: 87109

OWNER: Huestra de la Fe, Asambleas De Dios

ADDRESS: 4616 2nd Street

CITY, STATE: Albuquerque N.M.

CONTACT: Roman

PHONE: 505-435-0209

ZIP CODE: 87193

ARCHITECT: Joe Simons Architecture

ADDRESS: PO Box 67408

CITY, STATE: Albuquerque N.M.

CONTACT: Joe Simons

PHONE: 505-480-4796

ZIP CODE: 87193

SURVEYOR: JP Surveying

ADDRESS: 2335 Arroyo Falls St NW

CITY, STATE: Albuquerque NM 87120

CONTACT: Jacobo Pacheco

PHONE: 505-321-5826

ZIP CODE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY, STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_

PHONE: \_\_\_\_\_

ZIP CODE: \_\_\_\_\_

## TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1<sup>st</sup> 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 MAY 08 2003

OTHER (SPECIFY) \_\_\_\_\_

WAS A PRE-DESIGN CONFERENCE ATTENDED: \_\_\_\_\_

LAND DEVELOPMENT SECTION

NO

COPY PROVIDED

DATE SUBMITTED: \_\_\_\_\_

RECEIVED

RECEIVED

MAY 28 2009

HYDROLOGY SECTION

BY: \_\_\_\_\_

HYDROLOGY SECTION

5127109

517109

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:

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2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. Drainage Plans: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

HYDROLOGY SECTION

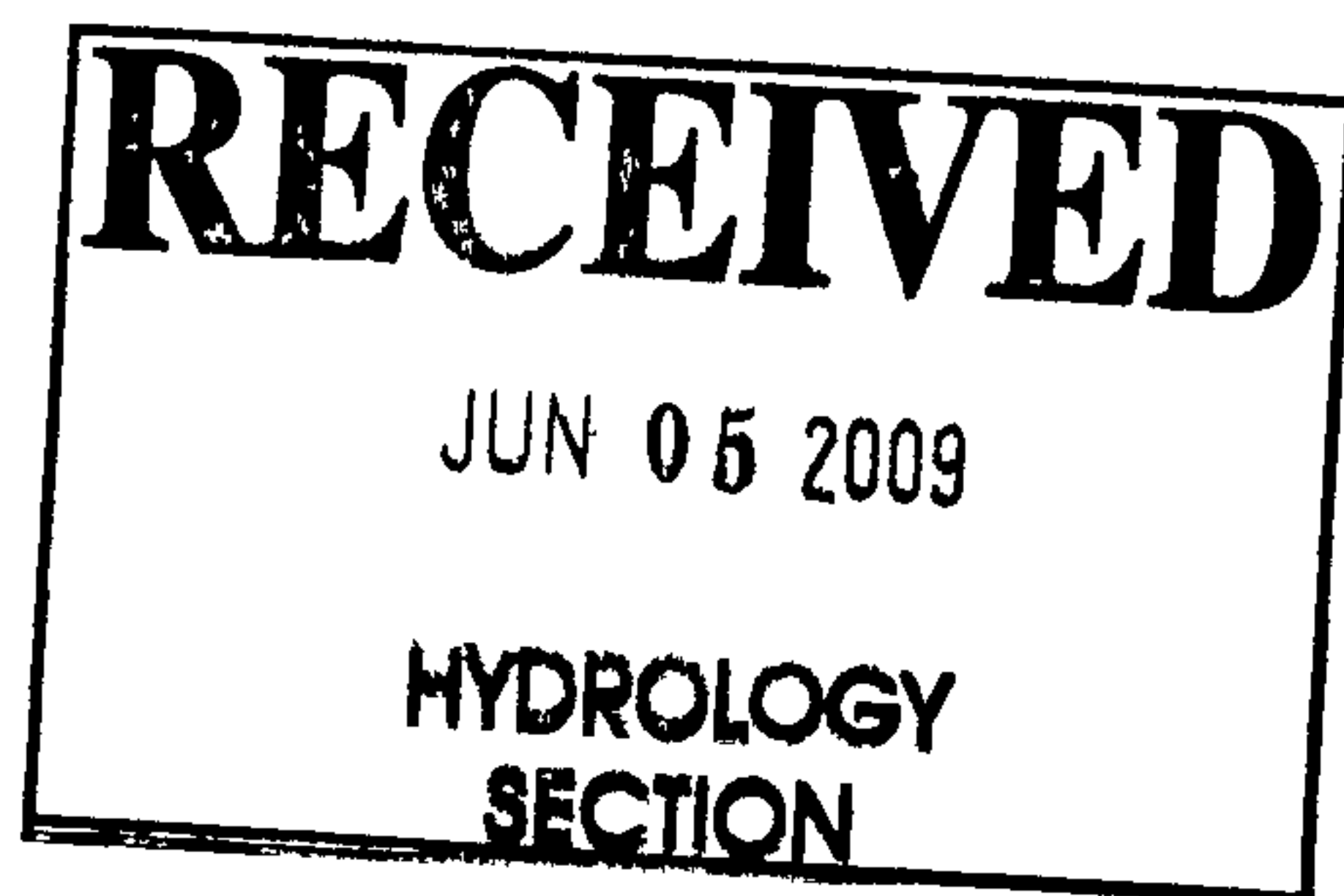
# DRAINAGE REPORT

For

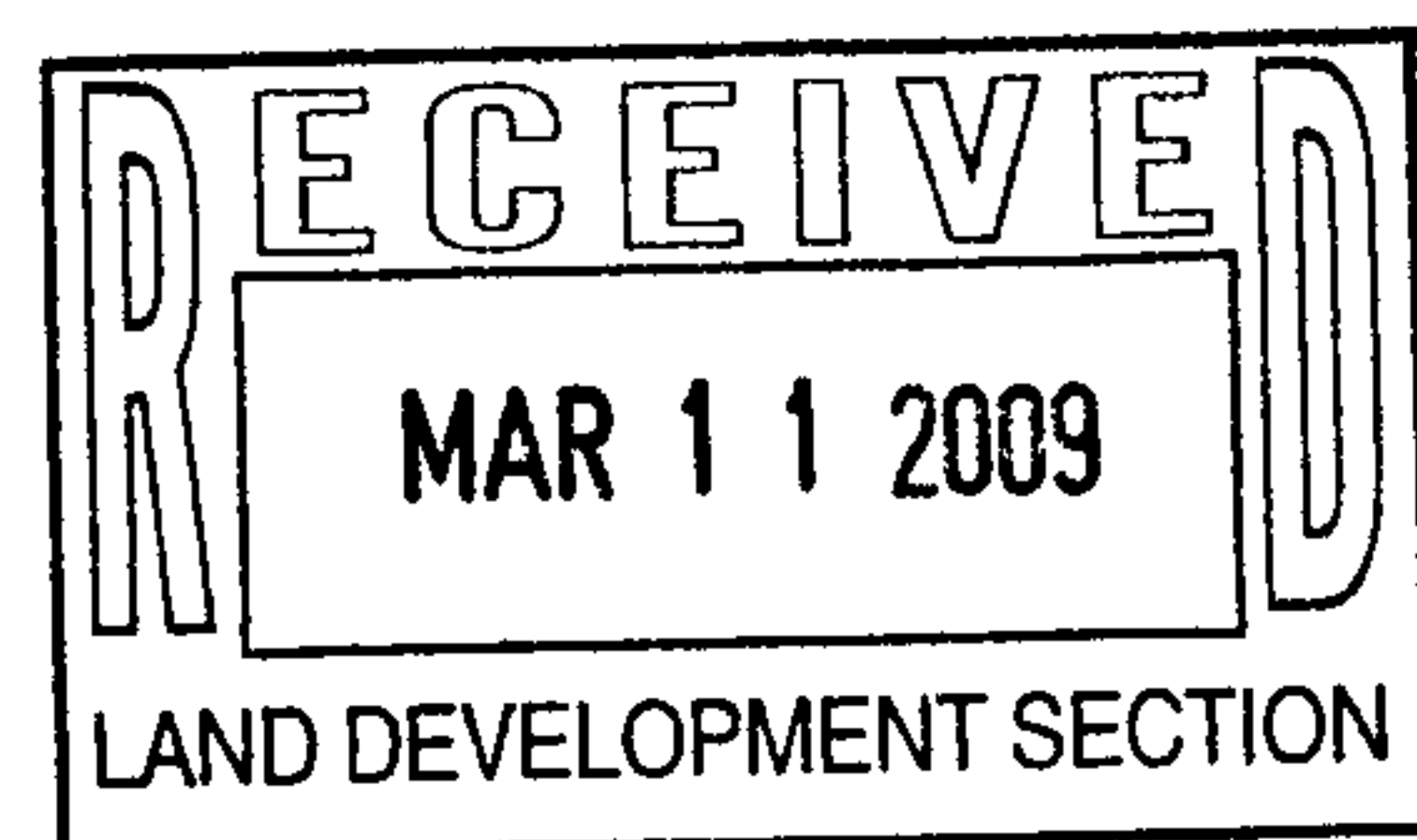
**Huestes de la fe church  
4616 Second Street NW  
Lots 17-20 Manuel Sanchez Addition  
Albuquerque, New Mexico**

Prepared by

Rio Grande Engineering  
PO Box 67305  
Albuquerque, New Mexico 87193



JUNE 2009



David Soule P.E. No. 14522



## TABLE OF CONTENTS

Purpose .....	3
Introduction .....	3
Exhibit A-Vicinity Map .....	4
Existing Conditions .....	5
Proposed Conditions .....	5
Summary .....	5

### **Appendix**

OFFITE BASINS.....	A
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### **Map Pocket**

Site Grading and Drainage Plan

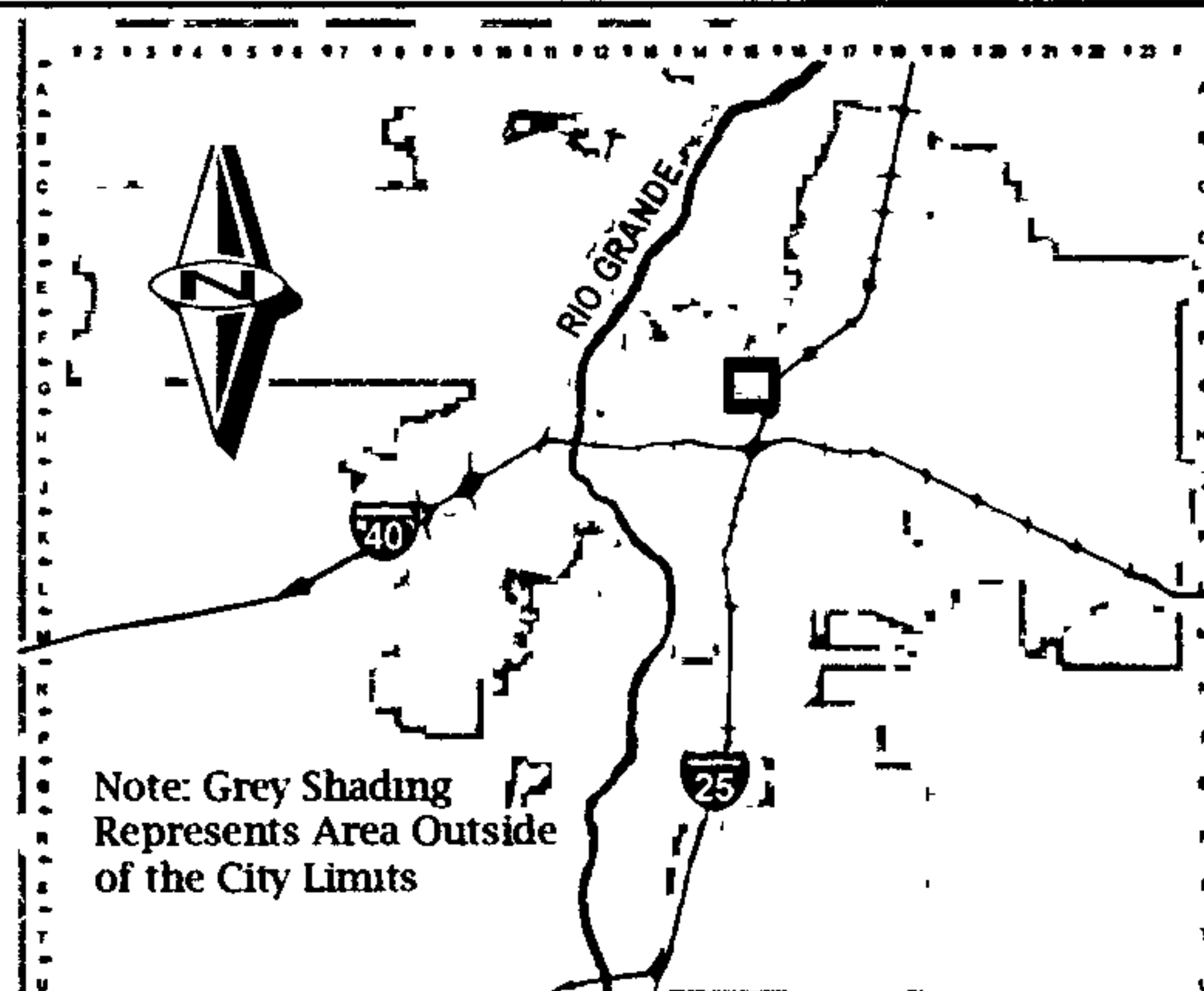
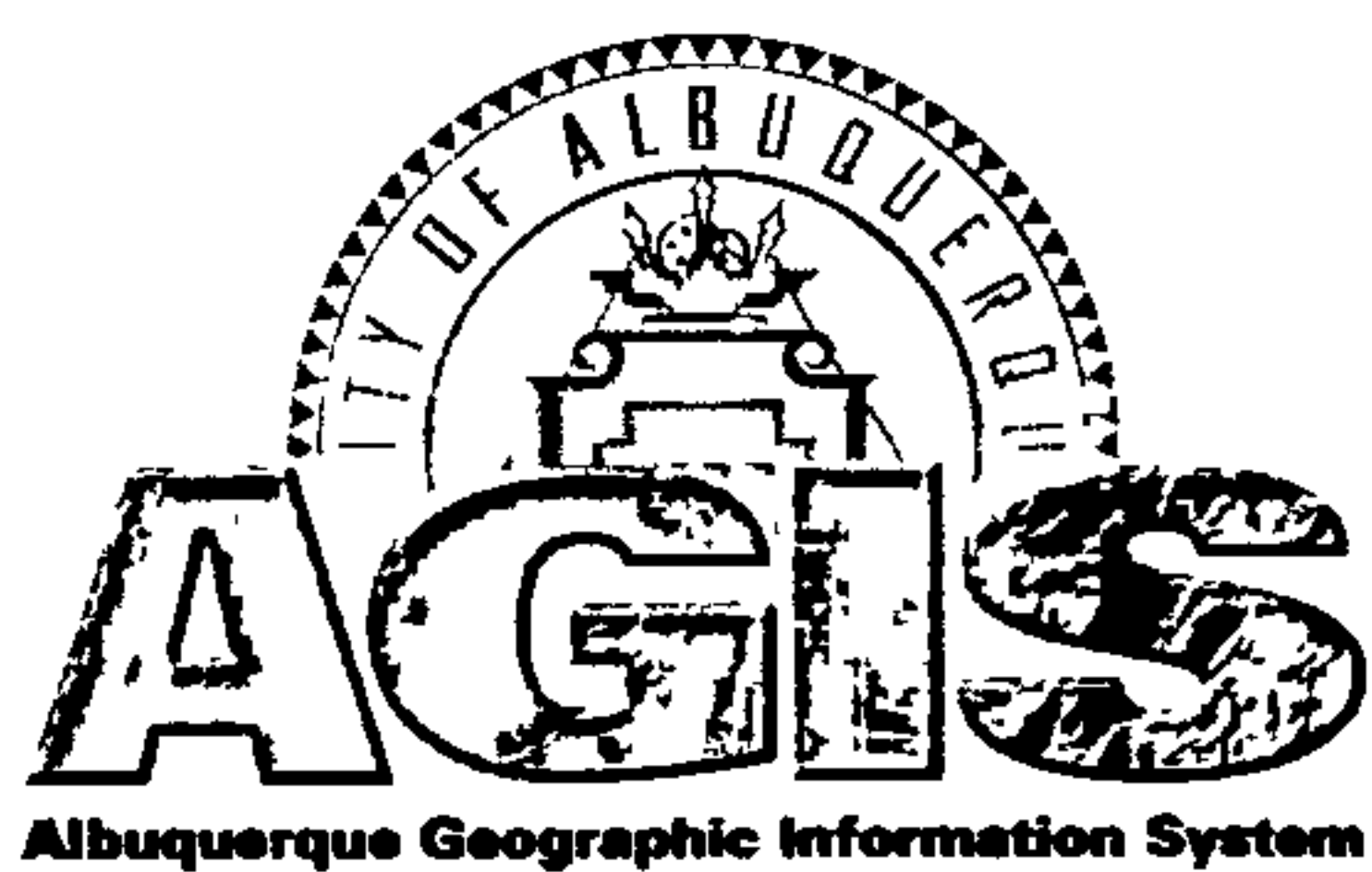
## **PURPOSE**

The purpose of this report is to provide the Drainage Management Plan for an addition of an approximately 3,800 square foot of sanctuary at an existing Church. In addition to the sanctuary, the parking lot will be re-paved. This plan was prepared in accordance with the City of Albuquerque design regulations, utilizing the City of Albuquerque's Development Process Manual drainage guidelines. This report will demonstrate that the grading does not adversely affect the surrounding properties, nor the upstream or downstream facilities.

## **INTRODUCTION**

The subject of this report, as shown on the Exhibit A, is a 1.2-acre parcel of land located on the east side of Second Street just south of Comanche. The legal description of this site is lots 17-20, Manuel Sanchez Addition. As shown on FIRM map 35001C0119E, the site is located entirely within flood zone x.

The site is currently developed as a church with its associated parking lot and a caretaker's home at the rear of the lot. The building and western portion of the lot drains directly to Second Street. The western 2/3 of the property drains from west to east, ponding within the parking field and discharging to the adjacent properties. The site is currently 100% developed. The purpose of this grading plan is add to the existing building, repave the parking lot while improving the existing drainage patterns by constructing a ponding area with significant 'french-drainage'.

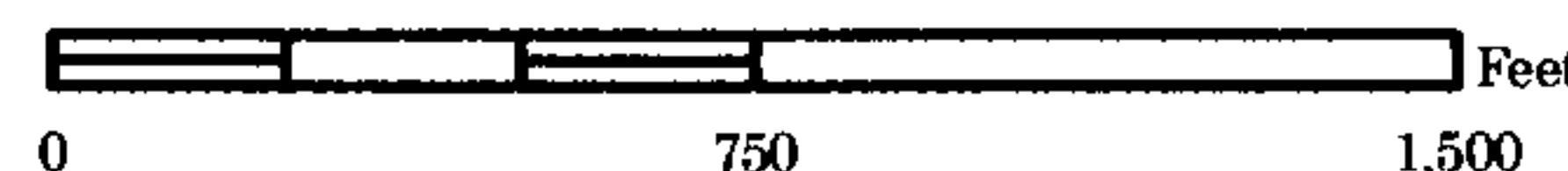


Zone Atlas Page:

**G-15-Z**

## Selected Symbols

- SECTOR PLANS**
- Design Overlay Zones
- City Historic Zones
- H-1 Buffer Zone
- Petroglyph Mon.
- Escarpment
- 2 Mile Airport Zone
- Airport Noise Contours
- Wall Overlay Zone





## **EXISTING CONDITIONS**

The site is currently developed as a church. The majority of the site is either a building or paved for parking and a caretakers building. The site is currently graded such that the western 1/3 drains directly to the street via the driveways. The eastern 2/3 drains west to east where it ponds on site and discharges to the adjacent properties to the east and south. No calculatible flows enter the site. The site is located within flood zone X,

## **PROPOSED CONDITIONS**

The proposed improvements consist of modifications to the site grading to allow for a 3800 square foot expansion to an existing building. As shown on the enclosed grading plan the existing drainage patterns will remain. A retention/French drain system will be added within the eastern landscape buffer. As shown on the calculations on the grading plan the pond and drain are adequately sized.

## **SUMMARY AND RECOMMENDATIONS**

This project consists of an addition to an existing development. The site is surrounded by developed sites. The site currently ponds and has uncontrolled discharge to the surrounding sites. The proposed improvements maintain the existing discharge rate to the street, and retains with French drainage the remaining site. The site was designed in conformance to City of Albuquerque Drainage design policy utilizing the City of Albuquerque Drainage Development Process Manual. Therefore, we request approval of the site-grading plan. Since the area of work is less than ½ acre, a NPDES permit might not be required prior to any construction activity.

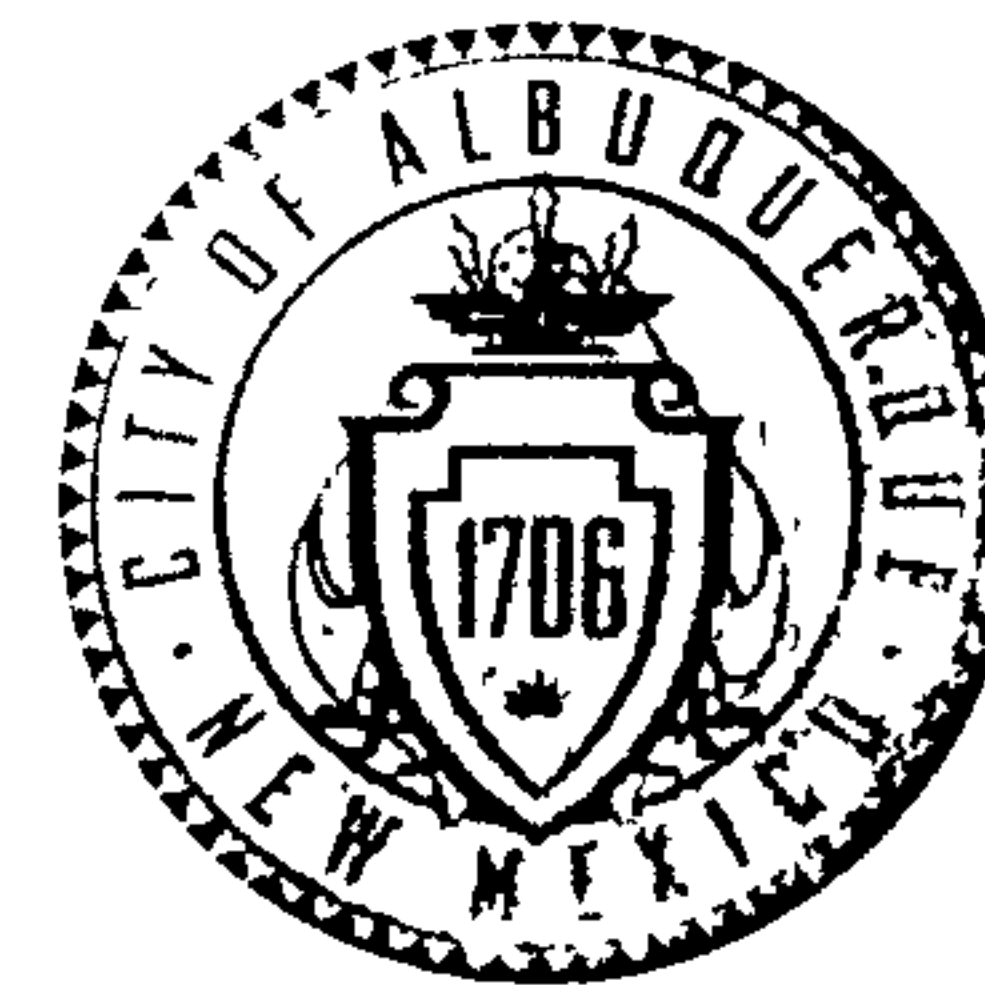
**APPENDIX A**

**OFFSITE BASIN MAP**





# CITY OF ALBUQUERQUE



May 29, 2009

David Soule, P.E.  
Land Development Consultants, LLC  
7009 Marilyn Ave NE  
Albuquerque, NM 87109

Re: Huestes de la fe Church, 4616 2nd Street NW, Traffic Circulation Layout  
Engineer's Stamp dated 05-27-09 (G15-D104)

Dear Mr. Soule,

The TCL submittal received 05-28-09 is approved for Building Permit. The plan is stamped and signed as approved. A copy of this plan will be needed for each of the building permit plans. Please keep the original to be used for certification of the site for final C.O. for Transportation. **Public infrastructure or work done within City Right-of-Way shown on these plans is for information only and is not part of approval. A separate DRC and/or other appropriate permits are required to construct these items.**

PO Box 1293

Albuquerque

NM 87103

www.abq.gov

If a temporary CO is needed, a copy of the original TCL that was stamped as approved by the City will be needed. This plan must include a statement that identifies the outstanding items that need to be constructed or the items that have not been built in "substantial compliance," as well as the signed and dated stamp of a NM registered architect or engineer. Submit this TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

When the site is completed and a final C.O. is requested, use the original City stamped approved TCL for certification. A NM registered architect or engineer must stamp, sign, and date the certification TCL along with indicating that the development was built in "substantial compliance" with the TCL. Submit this certification TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

Once verification of certification is completed and approved, notification will be made to Building Safety to issue Final C.O. To confirm that a final C.O. has been issued, call Building Safety at 924-3306.

Sincerely,

Kristal D. Metro, P.E.  
Traffic Engineer, Planning Dept.  
Development and Building Services

C: File

# DRAINAGE AND TRANSPORTATION INFORMATION SHEET

Huestes DE LA FE (REV 12/2005)

G-15/D104

PROJECT TITLE: Huadra de la Fe Church ZONE MAP: G-15  
 DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ WORK ORDER#: \_\_\_\_\_

LEGAL DESCRIPTION: LOTS 17, 18, 19 & 20 Manuel Sanchez Subd.  
 CITY ADDRESS: 4616 2nd St. Albuquerque, NM

ENGINEERING FIRM: Land Development Consultants / RGE CONTACT: Danny Martinez / D. Sav  
 ADDRESS: 7009 Marilyn Ave NE PHONE: 505-797-4120 321-90  
 CITY, STATE: Albuquerque, NM ZIP CODE: 87109

OWNER: Huadra de la Fe, Asambleas De Dios CONTACT: Roman  
 ADDRESS: 4616 2nd Street PHONE: 505-435-0209  
 CITY, STATE: Albuquerque NM ZIP CODE: 87193

ARCHITECT: Joe Simons Architecture CONTACT: Joe Simons  
 ADDRESS: Po Box 67408 PHONE: 505-480-4796  
 CITY, STATE: Albuquerque N.M. ZIP CODE: 87193

SURVEYOR: JP Surveying CONTACT: Jacobo Pacheco  
 ADDRESS: 2335 Arroyo Falls St NW PHONE: 505-321-5826  
 CITY, STATE: Albuquerque NM 87120 ZIP CODE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 CITY, STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

## TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1<sup>st</sup> 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) \_\_\_\_\_

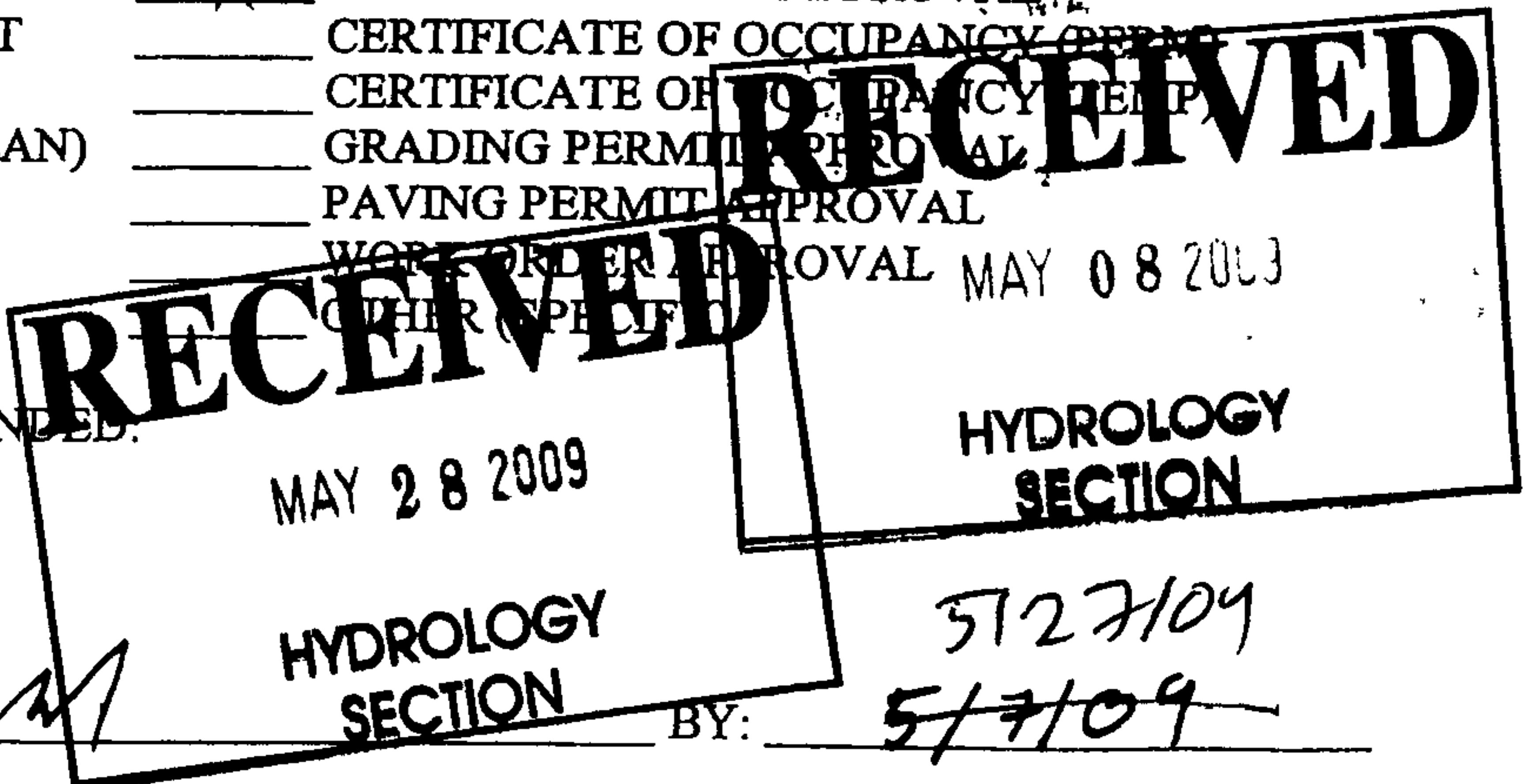
## CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SLA/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 PERMIT
- ☐ 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

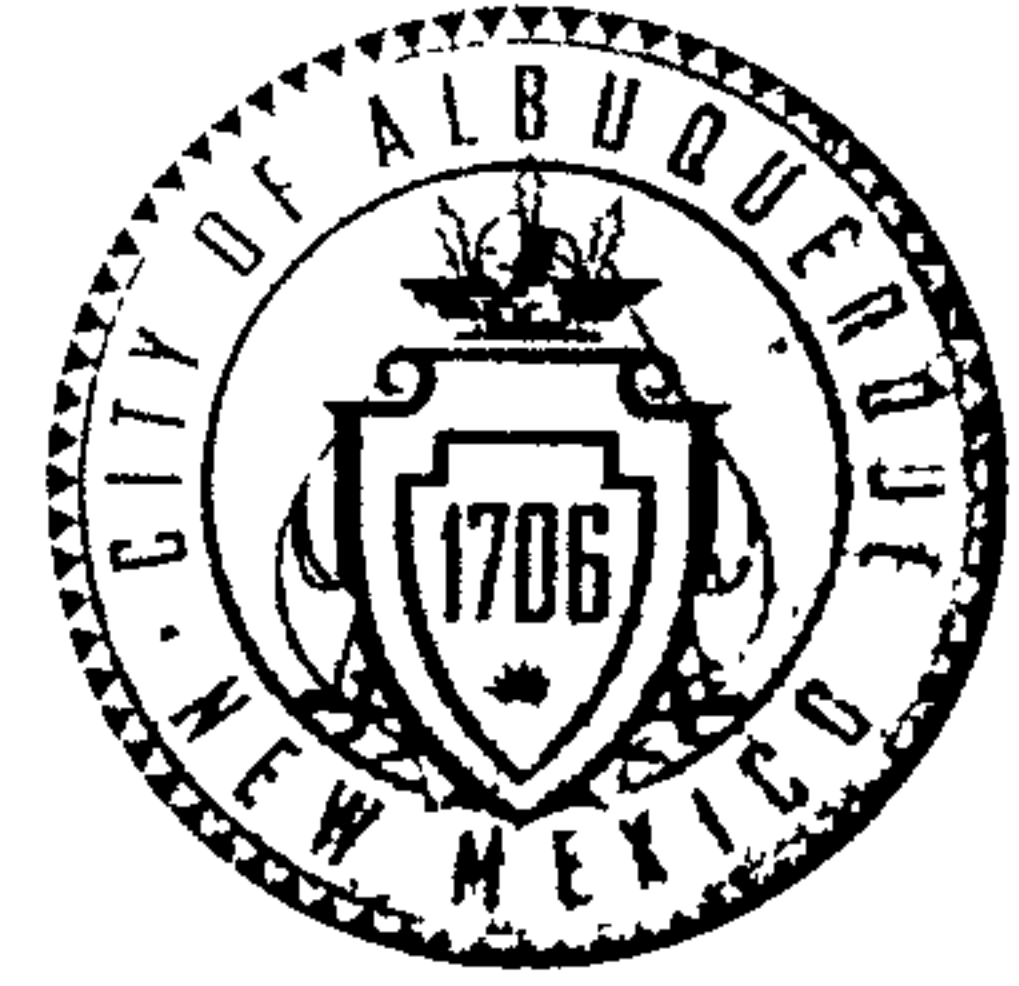
DATE SUBMITTED: OM M BY: 5/7/09



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.

# CITY OF ALBUQUERQUE



June 4, 2009

David Soule, P.E.  
Land Development Consultants LLC and  
Rio Grande Engineering  
7009 Marilyn Ave NE  
Albuquerque, NM 87109

Re: Huestes de la fe Church,  
4616 2nd Street NW, Building Permit  
Engineer's Stamp dated 05-20-09 (G15-D104)

Dear Mr. Soule,

Based upon the information provided in your submittal received May 21, 2009, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

## Sheet C-2

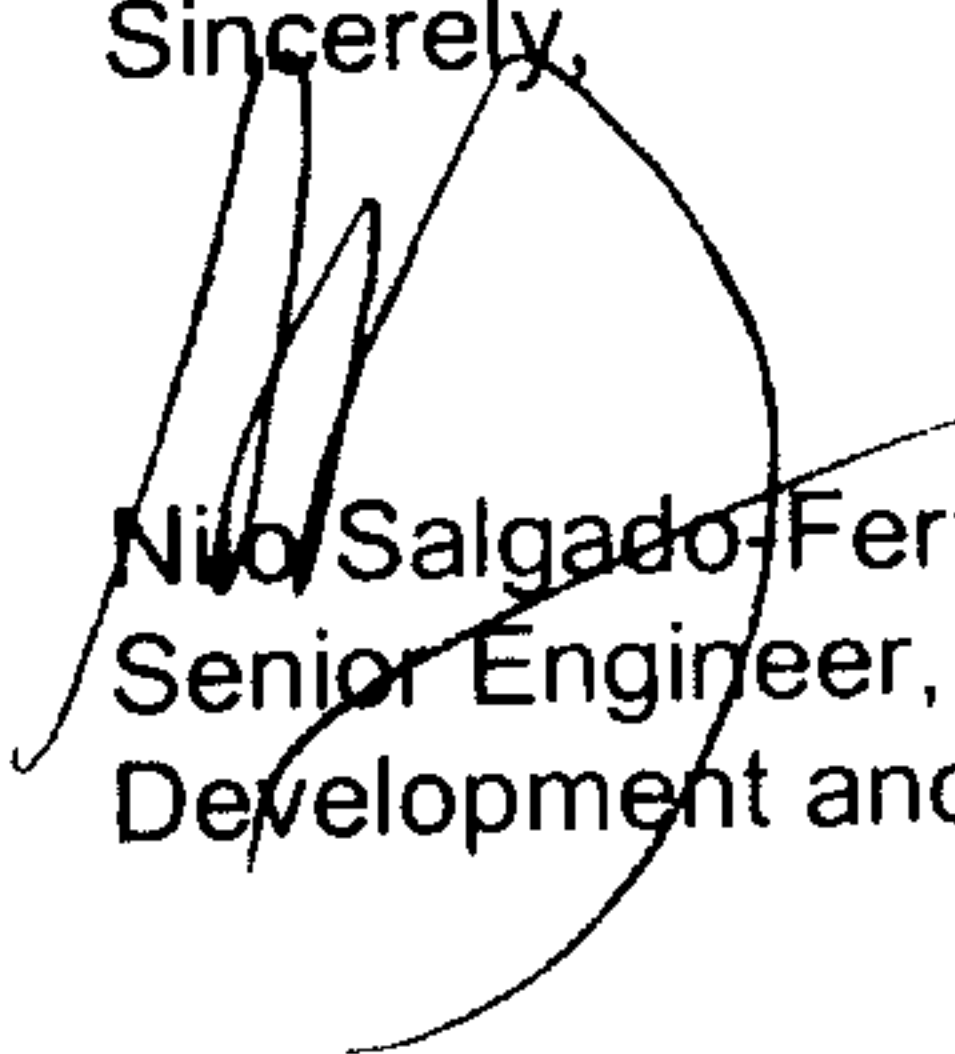
- Please provide a narrative description of proposed work/scope.
- Discuss any offsite flows from the Northern property (if any).
- Since you have existing lot lines across the property do you need a cross lot drainage easement? Please explain?
- Any direct flows over the 2<sup>nd</sup> Street frontage sidewalk?
- Provide a vicinity map (City Zone Atlas Map), FEMA Flood Insurance Rate Map (FIRM), and Benchmark.

## Sheet C-4

- Section A: Provide depth for proposed swale.
- Section C: Is the depth elevation at 65.0 per section B? Yes or No?

If you have any questions, you can contact me at 924-3630.

Sincerely,

  
Nilo Salgado-Fernandez, P.E.  
Senior Engineer, Planning Dept.  
Development and Building Services

C: File



# DRAINAGE AND TRANSPORTATION INFORMATION SHEET

Huestes DE LA PE (REV 12/2005)

G-15/D104

PROJECT TITLE: Huestra de la Fey Church ZONE MAP: GTSZ  
 DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ WORK ORDER#: \_\_\_\_\_

LEGAL DESCRIPTION: LOTS 17, 18, 19 & 20 Manuel Sanchez Subd.  
 CITY ADDRESS: 4616 2nd St. Albuquerque, NM

ENGINEERING FIRM: Land Development Consultants / RGE CONTACT: Danny Martinez / D. Soule  
 ADDRESS: 7009 Marilyn Ave NE PHONE: 505-797-4120 321-9091  
 CITY, STATE: Albuquerque, NM ZIP CODE: 87109

OWNER: Huestra de la Fey, Asambleas De Dios CONTACT: Roman  
 ADDRESS: 4616 2nd Street PHONE: 505-435-0209  
 CITY, STATE: Albuquerque N.M. ZIP CODE: 87193

ARCHITECT: Joe Simons Architecture CONTACT: Joe Simons  
 ADDRESS: Po Box 67408 PHONE: 505-480-4796  
 CITY, STATE: Albuquerque N.M. ZIP CODE: 87193

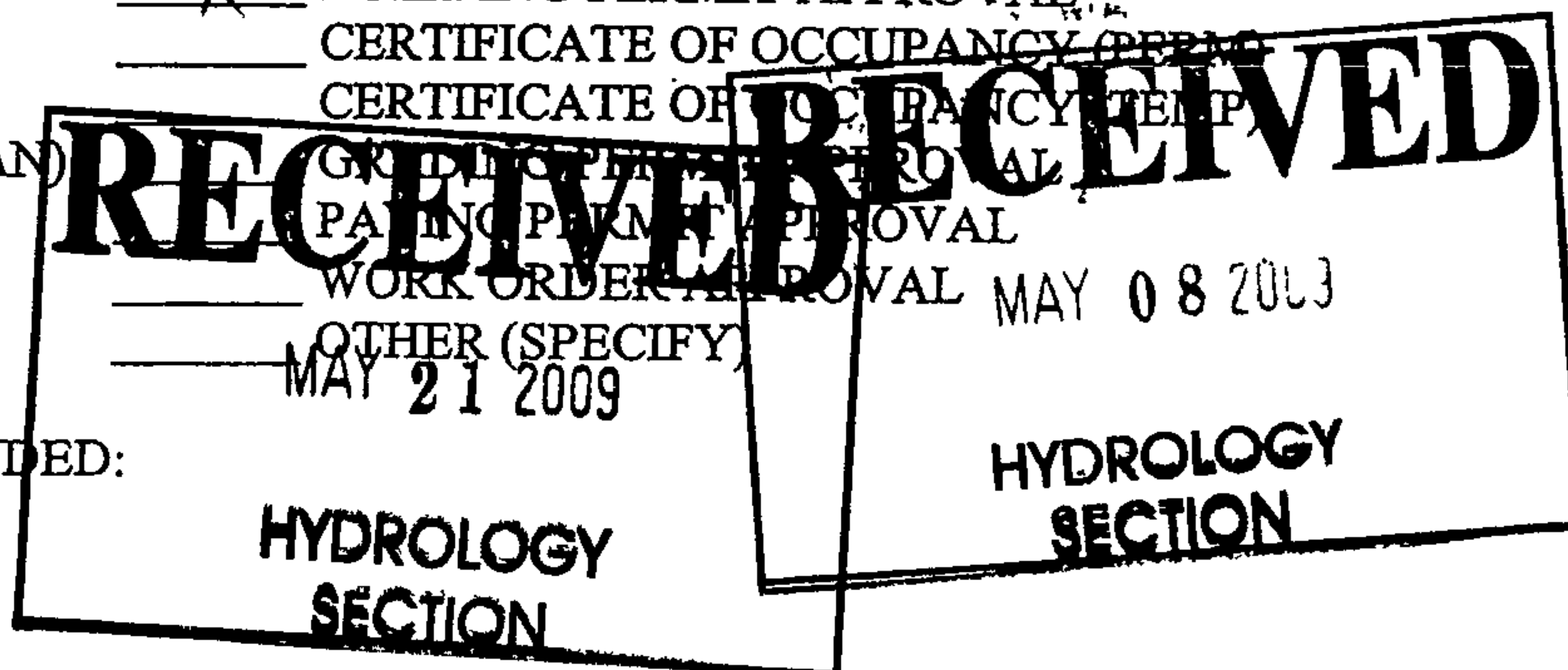
SURVEYOR: JP Surveying CONTACT: Jacobo Pacheco  
 ADDRESS: 2335 Arroyo Falls St NW PHONE: 505-321-5826  
 CITY, STATE: Albuquerque N.M. 87120 ZIP CODE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 CITY, STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

TYPE OF SUBMITTAL:  
 \_\_\_\_\_ DRAINAGE REPORT  
 \_\_\_\_\_ DRAINAGE PLAN 1<sup>st</sup> 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:  
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 \_\_\_\_\_ 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) \_\_\_\_\_  
 MAY 21 2009

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



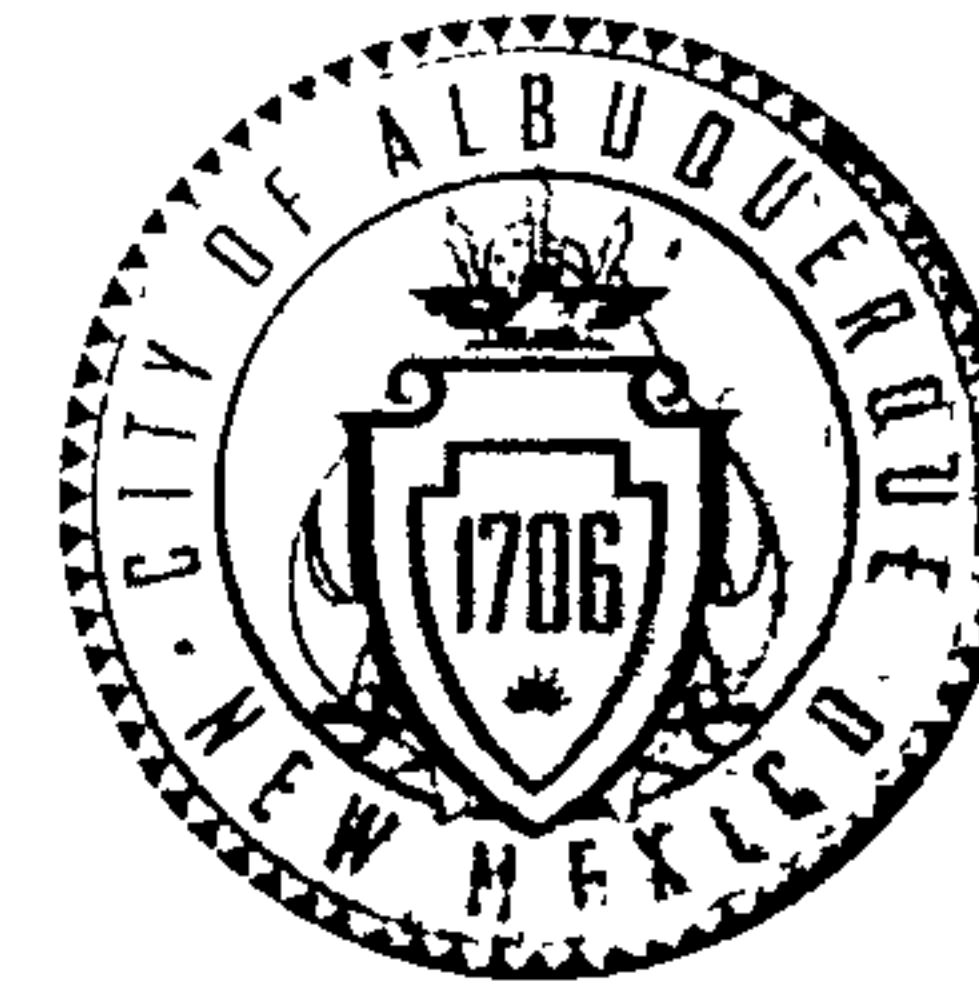
DATE SUBMITTED: OM M BY: 5/7/09

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# CITY OF ALBUQUERQUE



May 21, 2009

David Soule, P.E.  
Land Development Consultants, LLC  
7009 Marilyn Ave NE  
Albuquerque, NM 87109

**Re: Huestes de la fe Church, 4616 2<sup>nd</sup> Street NW, Traffic Circulation Layout  
Engineer's Stamp dated 05-20-09 (G15-D104)**

Dear Mr. Soule,

Based upon the information provided in your submittal received 05-21-09, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

PO Box 1293

Albuquerque

NM 87103

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

1. List the width and length for all parking spaces, including the parallel parking spaces.
2. The handicapped parking spaces must have concrete bumpers.
3. The landscaping strip cannot intrude upon the 24-foot minimum aisle width.
4. Please show a vicinity map on the plan.
5. Call out the aisle width along the northern property line at the existing fence.
6. The handicapped spaces must be a minimum of 8.5 feet in width. In addition, the handicapped spaces must include an 8-foot wide van access aisle; all other aisles should be 5 feet in width.

If you have any questions, you can contact me at 924-3991.

Sincerely,

Kristal D. Metro, P.E.  
Traffic Engineer, Planning Dept.  
Development and Building Services

C: File

# DRAINAGE AND TRANSPORTATION INFORMATION SHEET

Huestes DE LA FE (REV 12/2005)

G-15/D104

PROJECT TITLE: Huestes de la Fe Church ZONE MAP: GTSZ  
 DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ WORK ORDER#: \_\_\_\_\_

LEGAL DESCRIPTION: LOTS 17, 18, 19 & 20 Manuel Sanchez Subd.  
 CITY ADDRESS: 4616 2nd St. Albuquerque, NM

ENGINEERING FIRM: Land Development Consultants / RGE CONTACT: Danny Martinez / D. Sav  
 ADDRESS: 7009 Marilyn Ave NE PHONE: 505-791-4120 321-90  
 CITY, STATE: Albuquerque, NM ZIP CODE: 87109

OWNER: Huestes de la Fe, Asambleas De Dios CONTACT: Roman  
 ADDRESS: 4616 2nd Street PHONE: 505-435-0209  
 CITY, STATE: Albuquerque N.M. ZIP CODE: 87193

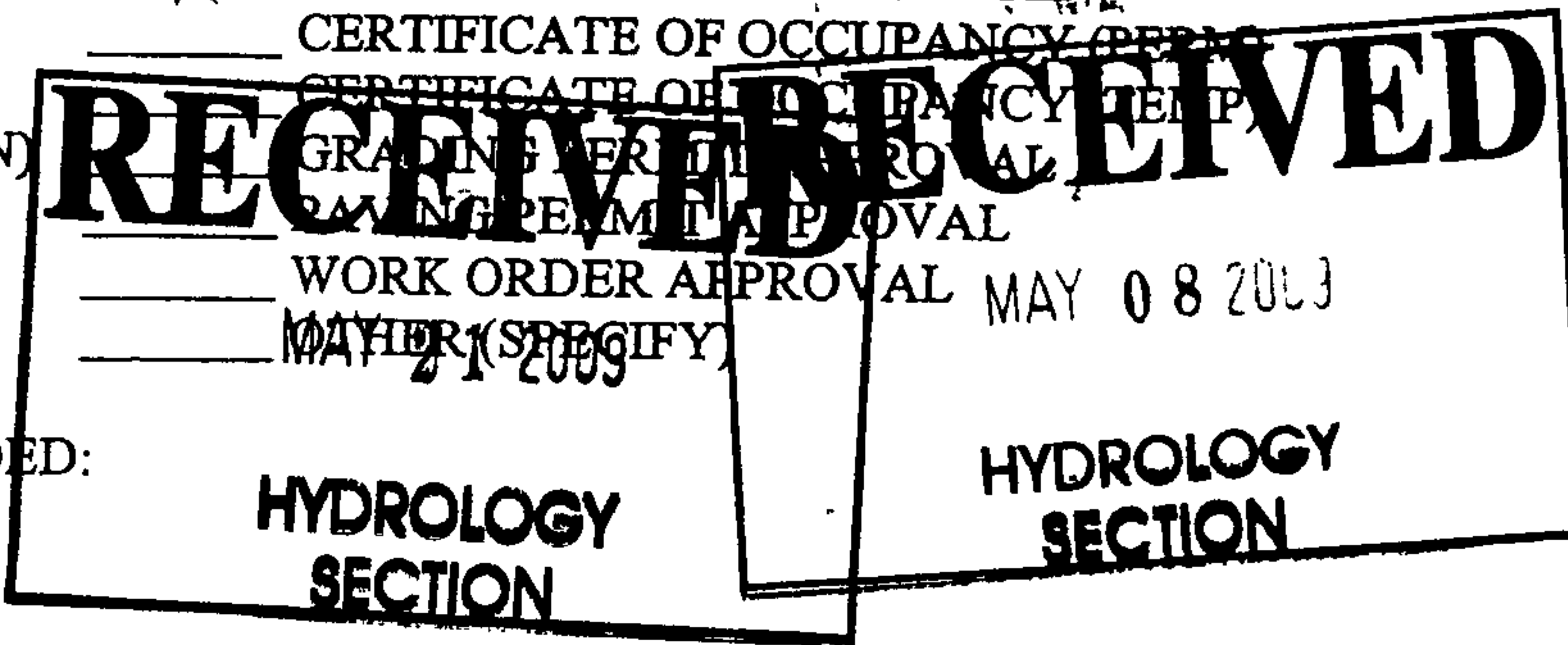
ARCHITECT: Joe Simons Architecture CONTACT: Joe Simons  
 ADDRESS: PO Box 67408 PHONE: 505-480-4796  
 CITY, STATE: Albuquerque N.M. ZIP CODE: 87193

SURVEYOR: JP Surveying CONTACT: Jacobo Pacheco  
 ADDRESS: 2335 Arroyo Falls St NW PHONE: 505-321-5826  
 CITY, STATE: Albuquerque NM 87120 ZIP CODE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 CITY, STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

TYPE OF SUBMITTAL:  
☐ DRAINAGE REPORT  
☐ DRAINAGE PLAN 1<sup>st</sup> 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  
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☒ 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: MM BY: 5/7/09

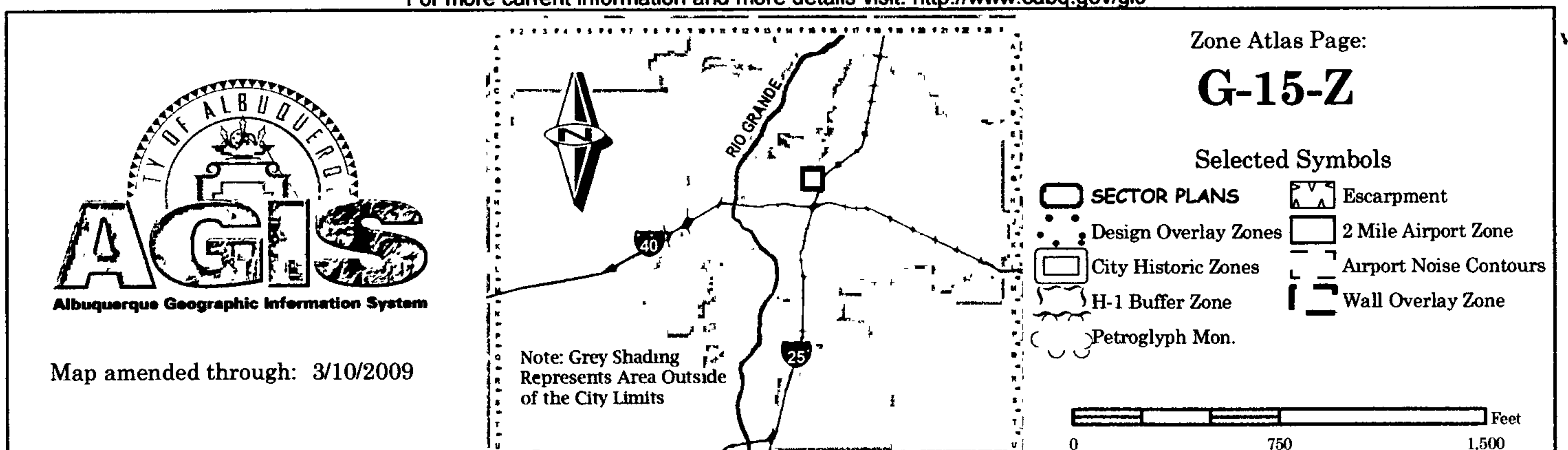
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For more current information and more details visit: <http://www.cabq.gov/gis>





**DRAINAGE AND TRANSPORTATION INFORMATION SHEET**  
*Huēstēs de la Fe.* (REV 12/2005)

PROJECT TITLE: Huēstra de la Fe Church ZONE MAP: G-15/D10#  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ WORK ORDER#: \_\_\_\_\_

LEGAL DESCRIPTION: LOTS 17, 18, 19 & 20 Manuel Sanchez Subd.  
CITY ADDRESS: 4616 2nd St. N. Albuquerque, NM

ENGINEERING FIRM: Land Development Consultants / RGE CONTACT: Danny Martinez / D. Soule  
ADDRESS: 7009 Marilyn Ave NE PHONE: 505-791-4120 321-9099  
CITY, STATE: Albuquerque, N.M. ZIP CODE: 87109

OWNER: Huēstra de la Fe, Asambleas de Dios CONTACT: Roman  
ADDRESS: 4616 2nd Street PHONE: 505-435-0209  
CITY, STATE: Albuquerque N.M. ZIP CODE: 87193

ARCHITECT: Joe Simons Architects CONTACT: Joe Simons  
ADDRESS: P.O. Box 67408 PHONE: 505-480-4796  
CITY, STATE: Albuquerque N.M. ZIP CODE: 87193

SURVEYOR: JP Surveying CONTACT: Jacobo Pacheco  
ADDRESS: 2335 Arrow Falls St NW PHONE: 505-321-5826  
CITY, STATE: Albuquerque N.M. 87120 ZIP CODE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

TYPE OF SUBMITTAL: CHECK TYPE OF APPROVAL SOUGHT:

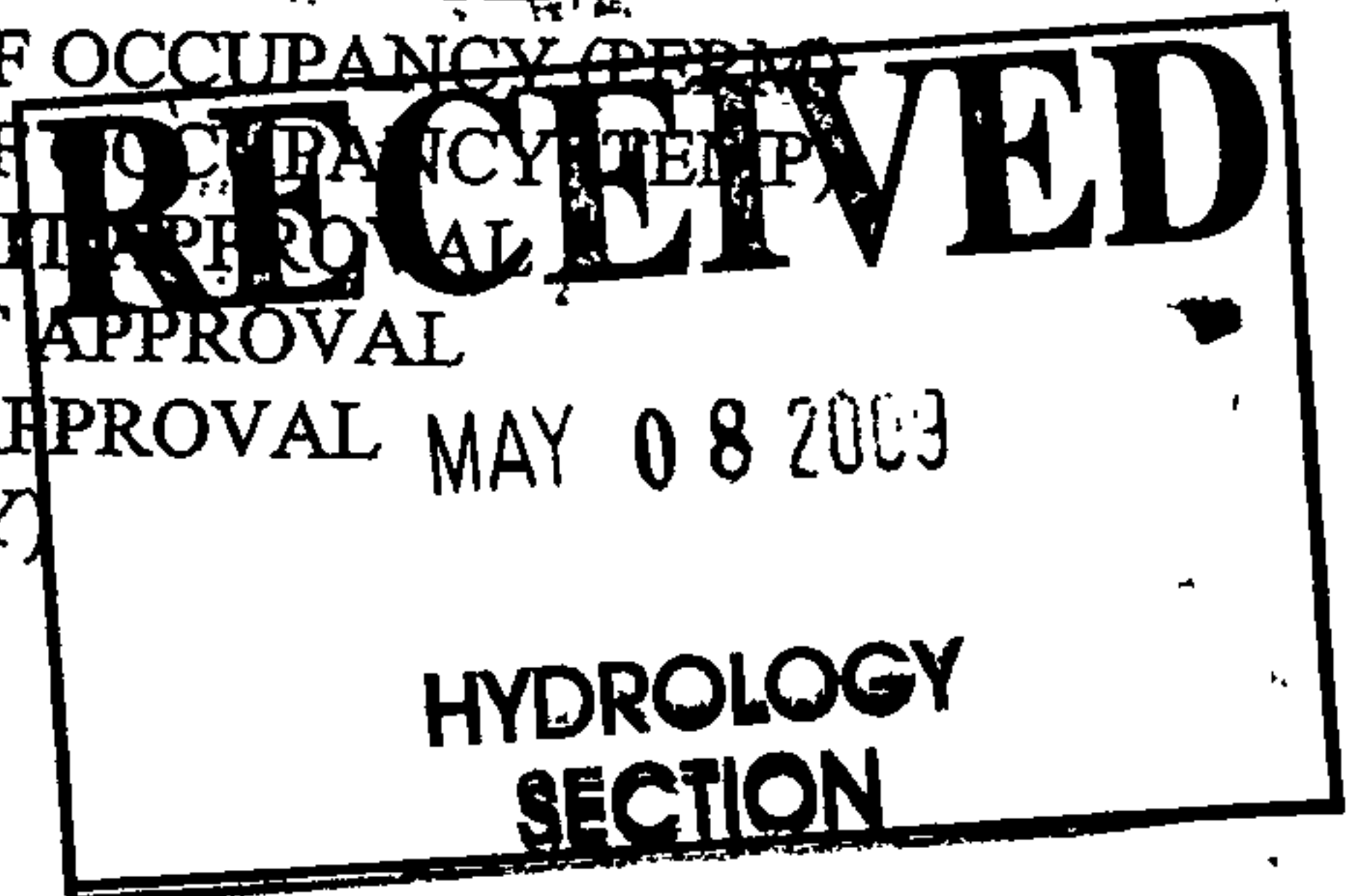
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<input type="checkbox"/> DRAINAGE PLAN 1 <sup>st</sup> SUBMITTAL	<input type="checkbox"/> PRELIMINARY PLAT APPROVAL
<input type="checkbox"/> DRAINAGE PLAN RESUBMITTAL	<input type="checkbox"/> S. DEV. PLAN FOR SUB'D APPROVAL
<input type="checkbox"/> CONCEPTUAL G & D PLAN	<input type="checkbox"/> S. DEV. FOR BLDG. PERMIT APPROVAL
<input type="checkbox"/> GRADING PLAN	<input type="checkbox"/> SECTOR PLAN APPROVAL
<input type="checkbox"/> EROSION CONTROL PLAN	<input type="checkbox"/> FINAL PLAT APPROVAL
<input type="checkbox"/> ENGINEER'S CERT (HYDROLOGY)	<input type="checkbox"/> FOUNDATION PERMIT APPROVAL
<input type="checkbox"/> CLOMR/LOMR	<input checked="" type="checkbox"/> BUILDING PERMIT APPROVAL
<input checked="" type="checkbox"/> TRAFFIC CIRCULATION LAYOUT	<input type="checkbox"/> CERTIFICATE OF OCCUPANCY (PERM)
<input type="checkbox"/> ENGINEER'S CERT (TCL)	<input type="checkbox"/> CERTIFICATE OF OCCUPANCY (TEMP)
<input type="checkbox"/> ENGINEER'S CERT (DRB SITE PLAN)	<input type="checkbox"/> GRADING PERMIT APPROVAL
<input type="checkbox"/> OTHER (SPECIFY) _____	<input type="checkbox"/> PAVING PERMIT APPROVAL
	<input type="checkbox"/> WORK ORDER APPROVAL
	<input type="checkbox"/> OTHER (SPECIFY) _____

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

DATE SUBMITTED: OM M BY: 5/7/09

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.





Vicinity map

Clarify exist vs proposed

Parking Calcs

Call out width of all curb cuts

Details for ~~driveways~~ - too close together,  
suggest a flat landing along  
all h.c. spaces - bumpers along  
spaces

Wood  
Fencing, Landscaped strip - located  
within driving aisles, must be removed

PO/ES/DO  
CWE/VE/DO

PO/VE

W.M.







