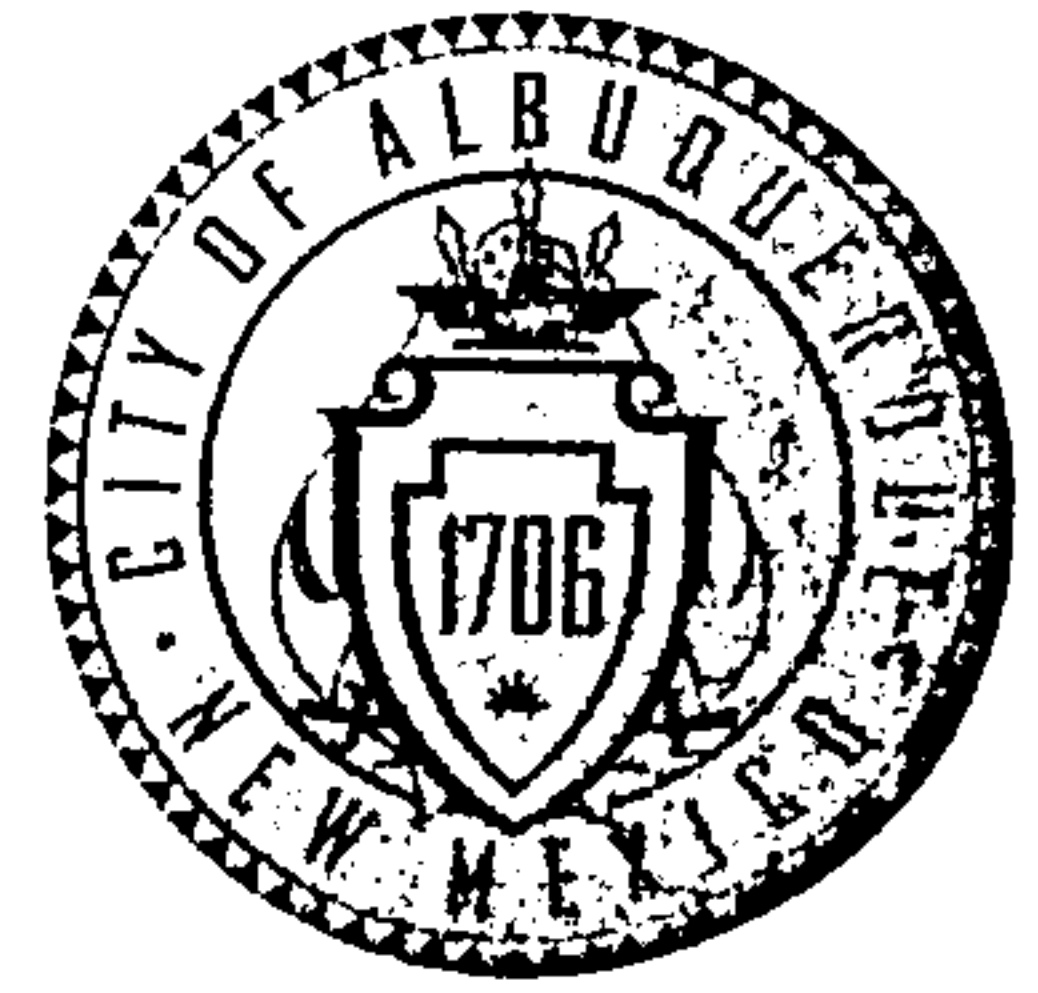


CITY OF ALBUQUERQUE



May 9, 2008

Glenn Broughton, PE
BOHANNAN-HUSTON, INC.
7500 Jefferson Street NE
Albuquerque, NM 87109

**Re: Cuidando Los Ninos, 1500 Walter SE,
(L-14/D005)**

**Approval of Permanent Certificate of Occupancy (C.O.),
Engineer's Stamp Date 5/03/05
Certification dated 5/09/08**

Mr. Broughton:

Based upon the information provided in your submittal received 5/09/08, the above referenced certification is approved for release of Permanent Certificate of Occupancy by Hydrology.

If you have any questions, you can contact me at 924-3982.

Sincerely,

Timothy E. Sims
Plan Checker-Hydrology, Planning Dept
Development and Building Services

C: CO Clerk -- Katrina Sigala
file

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: Cuidando los Ninos

ZONE MAP/DRG. FILE # L-14 / 1005

DRB #: 1001194

EPC#:

WORK ORDER#:

LEGAL DESCRIPTION: 1500 Walter SE

CITY ADDRESS:

ENGINEERING FIRM: Bohannon Huston, Inc.

CONTACT: Glenn Broughton

ADDRESS: 7500 Jefferson NE - Courtyard I

PHONE: (505) 823-1000

CITY, STATE: Albuquerque, NM

ZIP CODE: 87109

OWNER:

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:

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

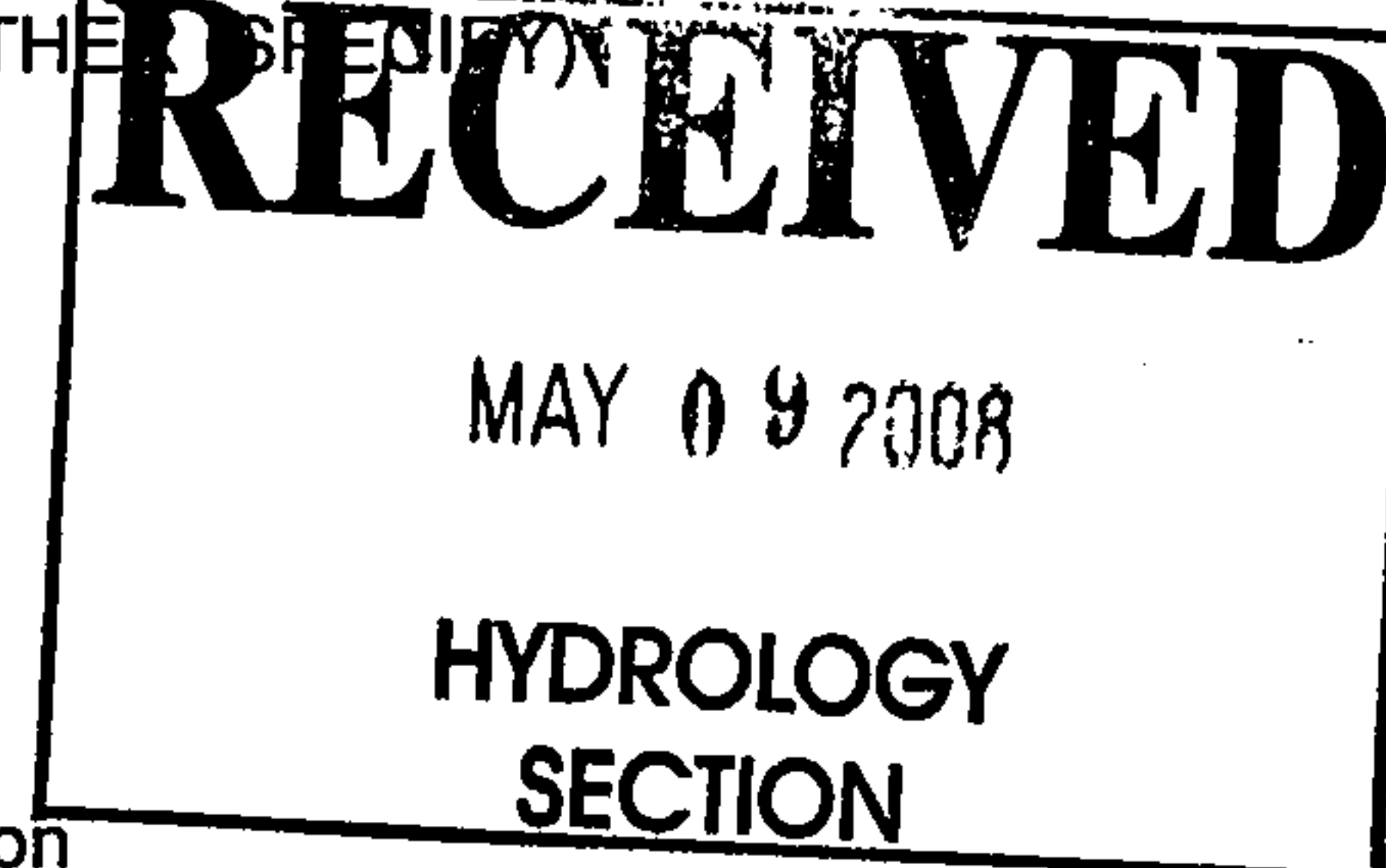
- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D. APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY (PERM.)
- ☐ CERTIFICATE 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: May 9, 2008

BY: Glenn Broughton

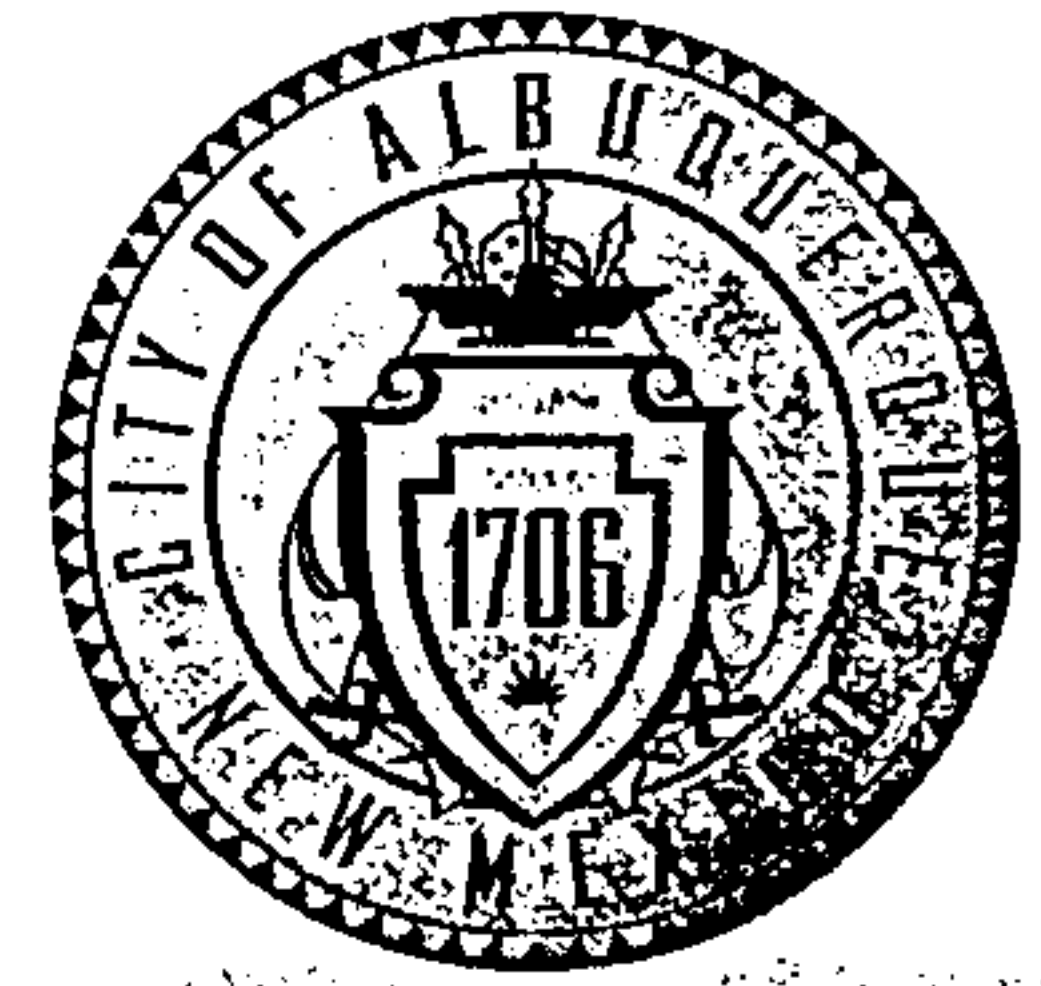


Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on 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.

J = TRANSP.

CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

May 7, 2008

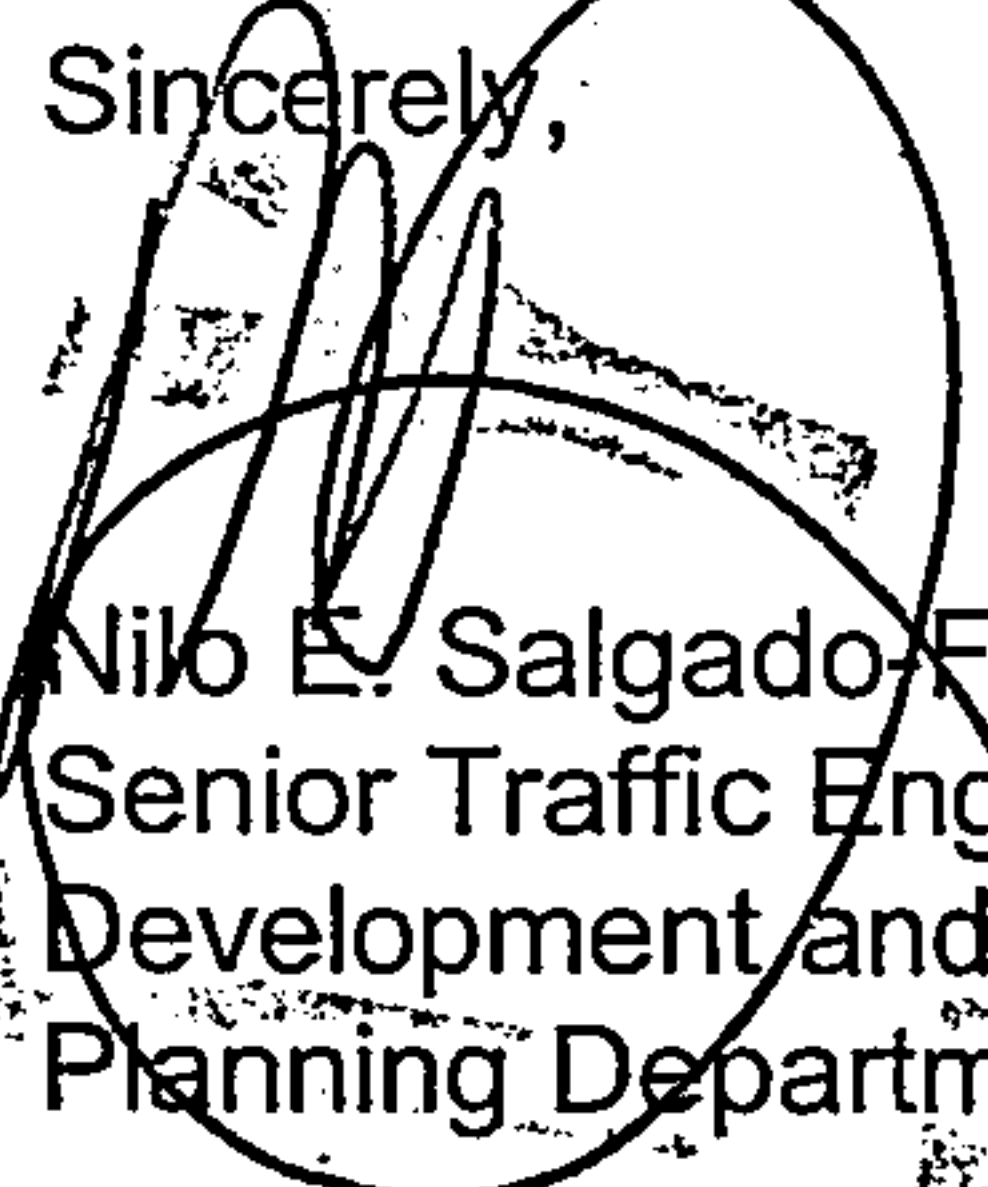
Patricia H. Hancock, Registered Architect
115 Amherst Drive SE
Albuquerque, NM 87106

Re: Certification Submittal for Final Building Certificate of Occupancy for
Cuidando Los Ninos and John Marshall Sitework, [L-14 / D005]
1500 Walter Street SE
Architect's Stamp Dated 05/06/08

Dear Mr. Hancock:

The TCL / Letter of Certification submitted on May 7, 2008 is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to the Building and Safety Section.

Sincerely,


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

c: Engineer
Hydrology file
CO Clerk

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

L-14/D205

PROJECT TITLE: Cuidando Los Ninos and John Marshall Sitework ZONE MAP/DRG. FILE # L-14-Z
DRB #: 1001194 EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: Lot 4-6 & 10-12 block 35, lots 1-12 block 42, section 29 T 10N, R3E, SU-1 & SU-2 Multi Service Center, in the City of Albuquerque, New Mexico.
CITY ADDRESS: 1500 Walter Street SE, Albuquerque NM 87102

ENGINEERING FIRM: Bohannon Huston, Inc.
ADDRESS: 7500 Jefferson NE - Courtyard I
CITY, STATE: Albuquerque, NM

CONTACT: Glenn Broughton, PE
PHONE: (505) 823-1000
ZIP CODE: 87109

OWNER: City of Albuquerque, Department of Family and Community Services
ADDRESS: P.O. Box 1293 Room 504
CITY, STATE: Albuquerque, NM

CONTACT: Paula Ramsey
PHONE: 768-2836
ZIP CODE: 87103

ARCHITECT: SMPC Architect, PA
ADDRESS: 115 Amherst Drive SE
CITY, STATE: Albuquerque, NM

CONTACT: Patricia Hancock
PHONE: (505) 255-8668
ZIP CODE: 87106

SURVEYOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

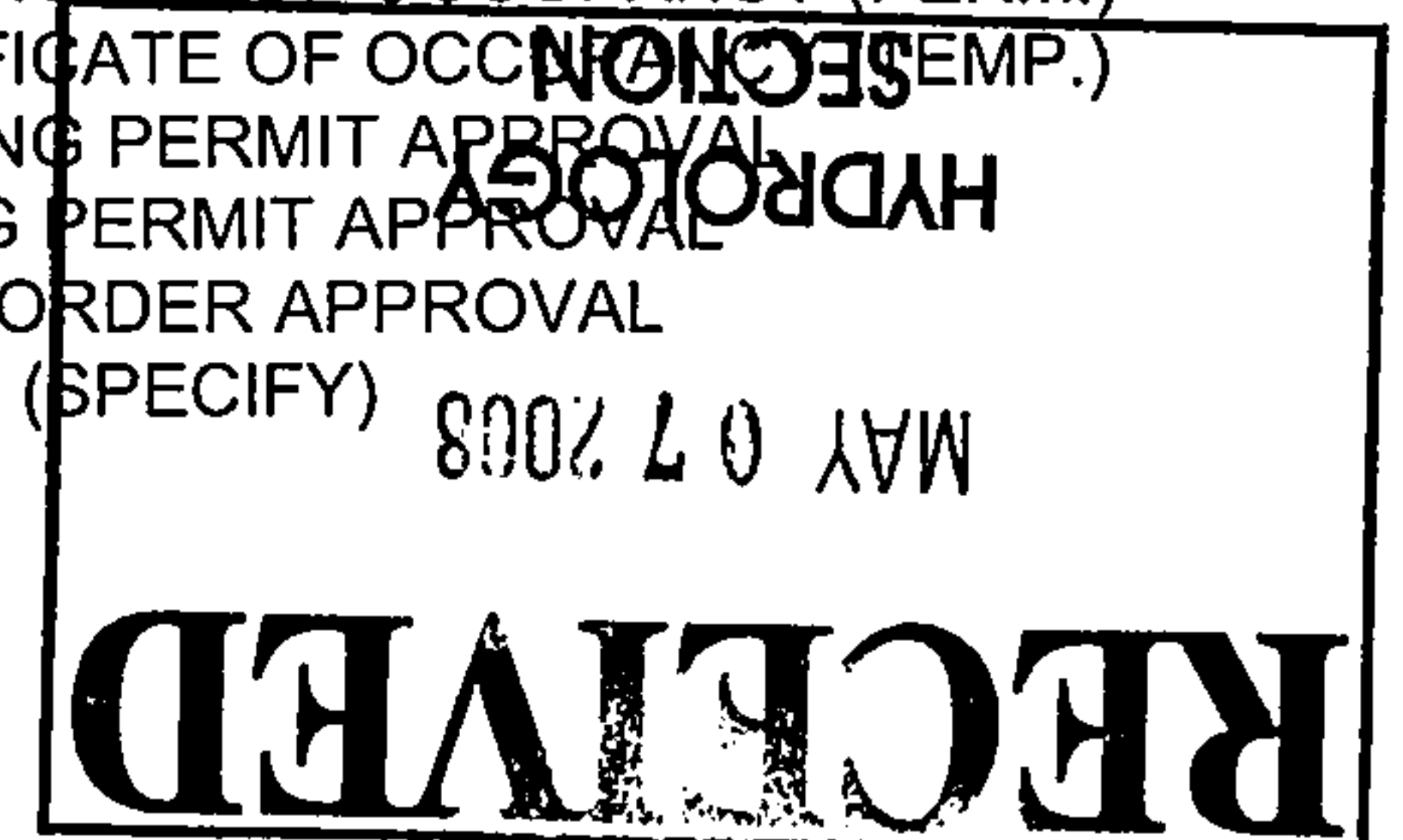
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL, **REQUIRES TCL or equal**
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☒ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEERS CERTIFICATION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

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

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)



DATE SUBMITTED: 05/06/2008 BY: Patricia Hancock

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.



Glenn H. Fellows AIA

J. Chris Willadsen AIA

Allison Abraham AIA, ASLA

David A. Cook AIA

Patricia H. Hancock AIA

David M. Hassard AIA

Karl Schindwolf AIA

May 06, 2008

Nilo Salgado, Senior Engineer
City of Albuquerque Planning Department
Transportation Development Services

Re: Transportation Circulation Layout (TCL) Certification for Permanent
Certificate of Occupancy
Cuidando Los Niños and John Marshall Site work
1500 Walter Street SE, Albuquerque, New Mexico

Dear Nilo Salgado:

The purpose of this letter is to request approval of the Traffic Circulation Layout Certification in support of Permanent Certificate of Occupancy for Cuidando Los Niños and John Marshall Site Work.

I, Patricia Hancock, of the firm SMPC Architects, hereby certify that this project is in substantial compliance with and in accordance with the design intent of the DRC approved plan dated 02/01/2007. I further certify that I have personally visited the project site on May 05, 2008 and have determined by visual inspection that the survey data provided is representative of actual site conditions 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.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the traffic aspects of this project. Those relying on the record document are advised to obtain independent verification of its accuracy before using it for any other purpose.

Enclosed for your review is a copy of Site Plan C002 with architect's original stamp dated 01/29/2007 and approved 'Administrative Amendment' site plan stamp dated 07/07/2004. If you have any questions regarding this submittal, please call me at 255-8668.

SMPC, P.A.

115 Amherst Drive SE

Albuquerque

New Mexico 87106

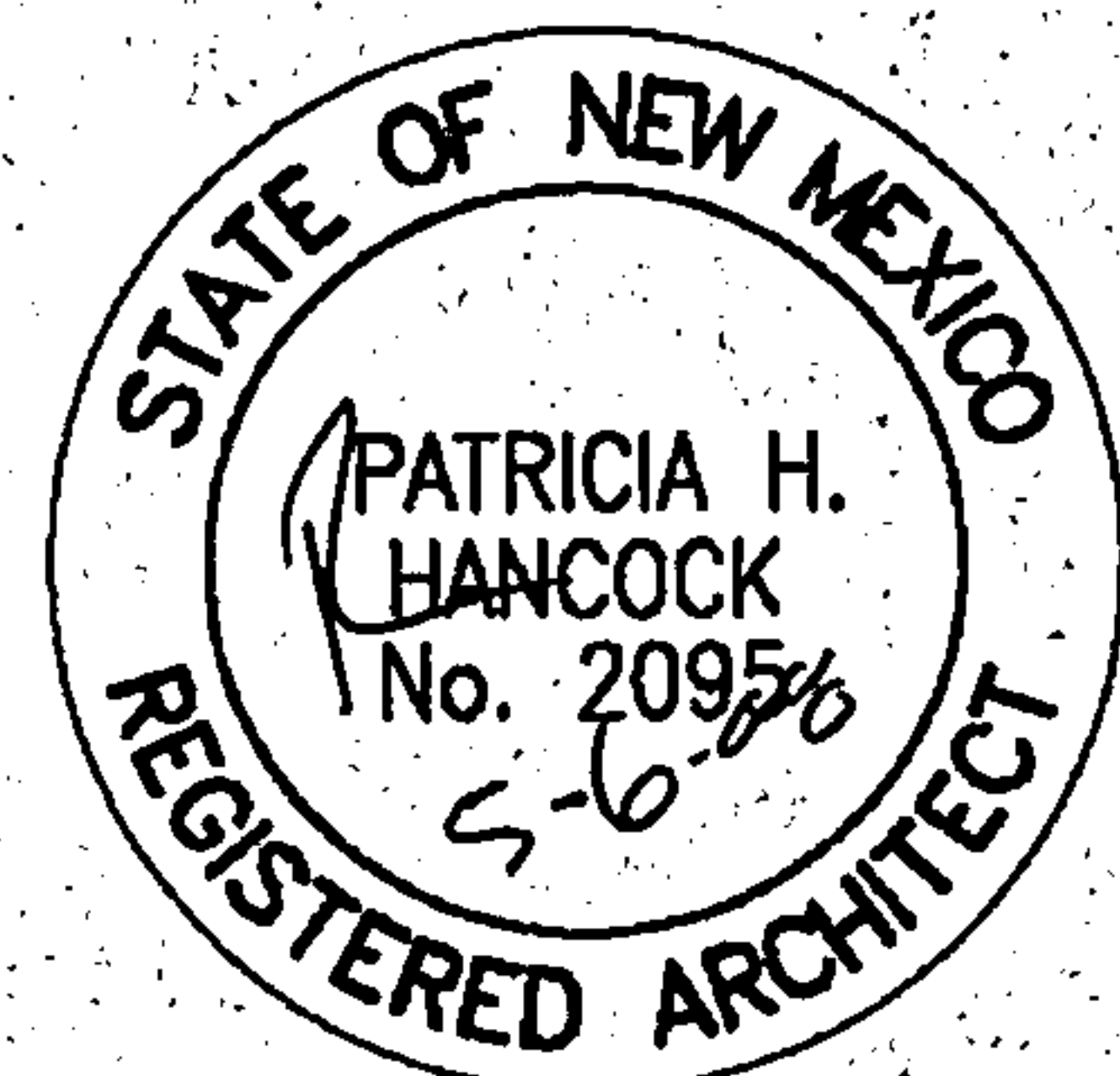
505 255 8668

FAX 268 6665

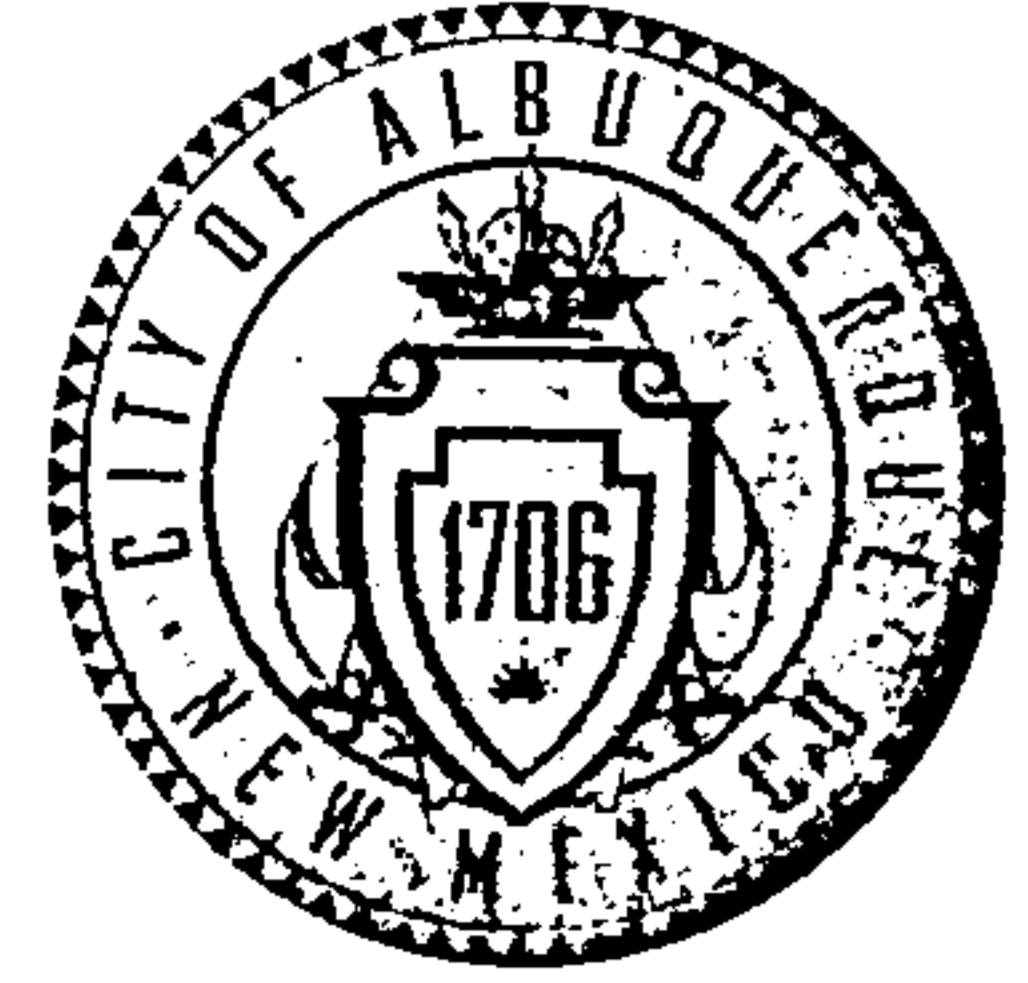
smpc@smpcarch.com

www.smpcarch.com


Patricia Hancock, AIA
Principal/Project Manager



CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

April 30, 2008

Patricia H. Hancock, Registered Architect
SMPC Architect, PA
115 Amherst Drive SE
Albuquerque, NM 87106

Re: Approval of Temporary Certificate of Occupancy (C.O.) for
Cuidando Los Ninos (John Marshall Sitework), [L-14 / D005]
1500 Walter Street SE
Architect's Stamp Dated 04/30/08

Dear Mr. Hancock:

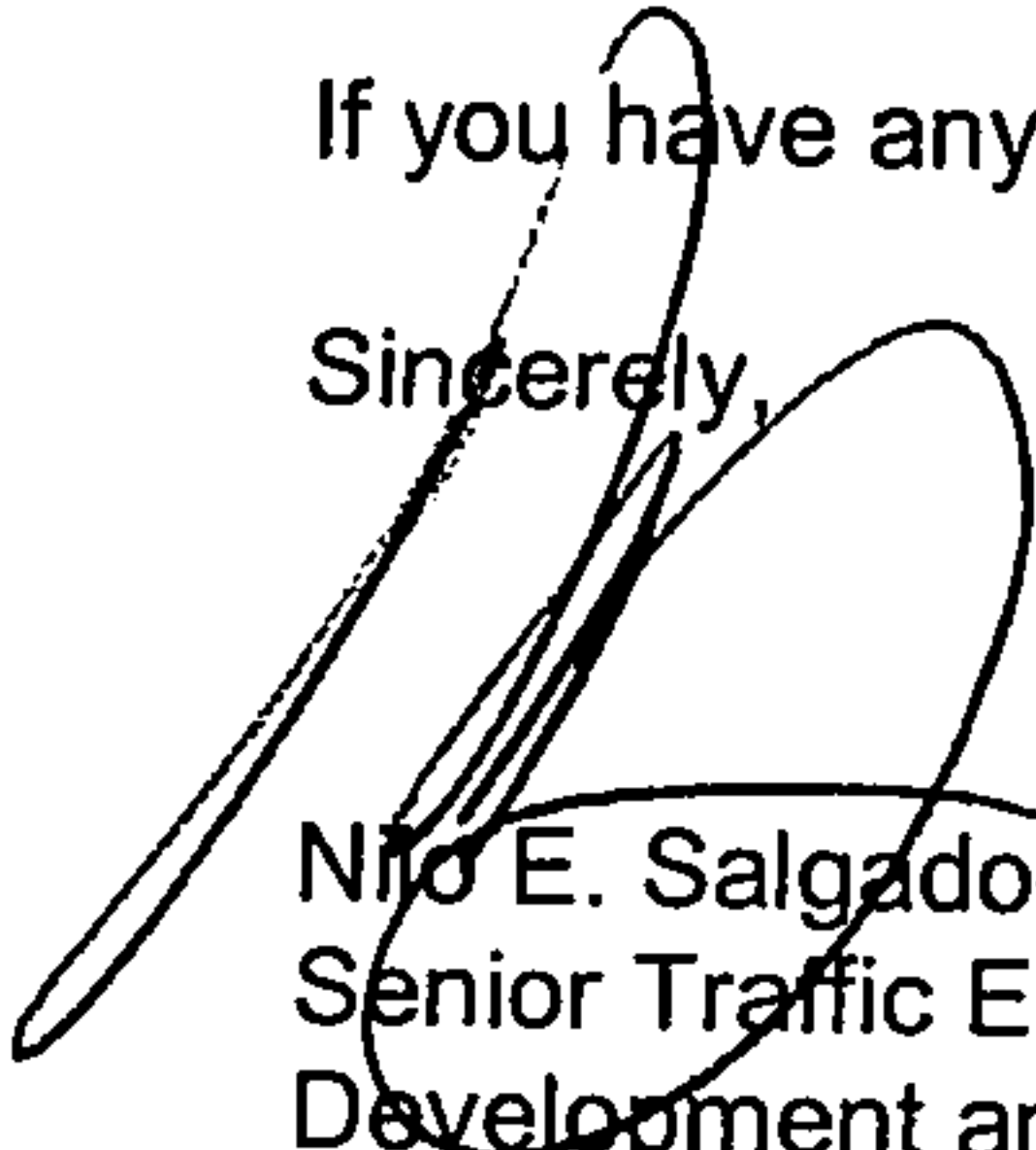
Based on the information provided on your submittal dated April 30, 2008, the above referenced project is approved for a 90-day Temporary C.O.

A Temporary C.O. has been issued allowing the outstanding issues to be completed within this time period. When these remaining issues have been fully completed, are in substantial compliance, and a final Certification for Transportation has been resubmitted to the City's Hydrology office for approval, a Permanent C.O. will be issued.

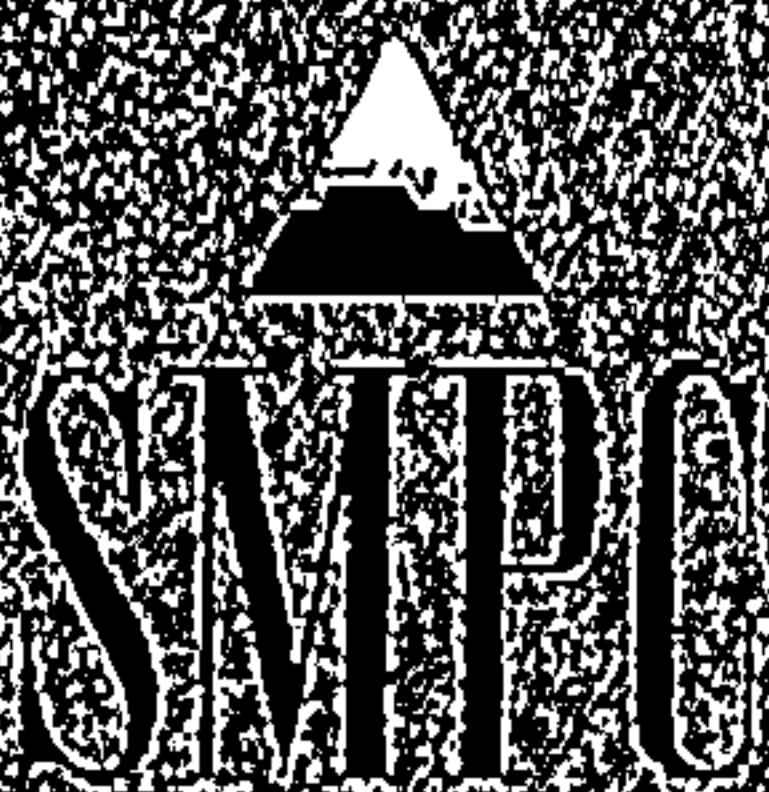
The Certification package for Final C.O. must include an exact copy of the approved TCL, or signed off D.R.B. Site Plan, which is in each of the two City Permit Plan Sets—the contractor's City field set and the City's plan set in the basement of the Plaza Del Sol building. Package also must include a letter of certification on designer's letterhead-stamped with his seal, signed, and dated. Submit package along with fully completed Drainage Information Sheet to front counter personnel for log in and evaluation by Transportation.

If you have any questions, please call me at 924-3630.

Sincerely,


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

c: Engineer
Hydrology file
CO Clerk



April 30, 2008

Nilo Salgado, Senior Engineer
City of Albuquerque Planning Department
Transportation Development Services

Re: Transportation Circulation Layout (TCL) Certification for Temporary
Certificate of Occupancy
Cuidando Los Niño's and John Marshall Site work
1500 Walter Street SE, Albuquerque, New Mexico

Dear Nilo Salgado:

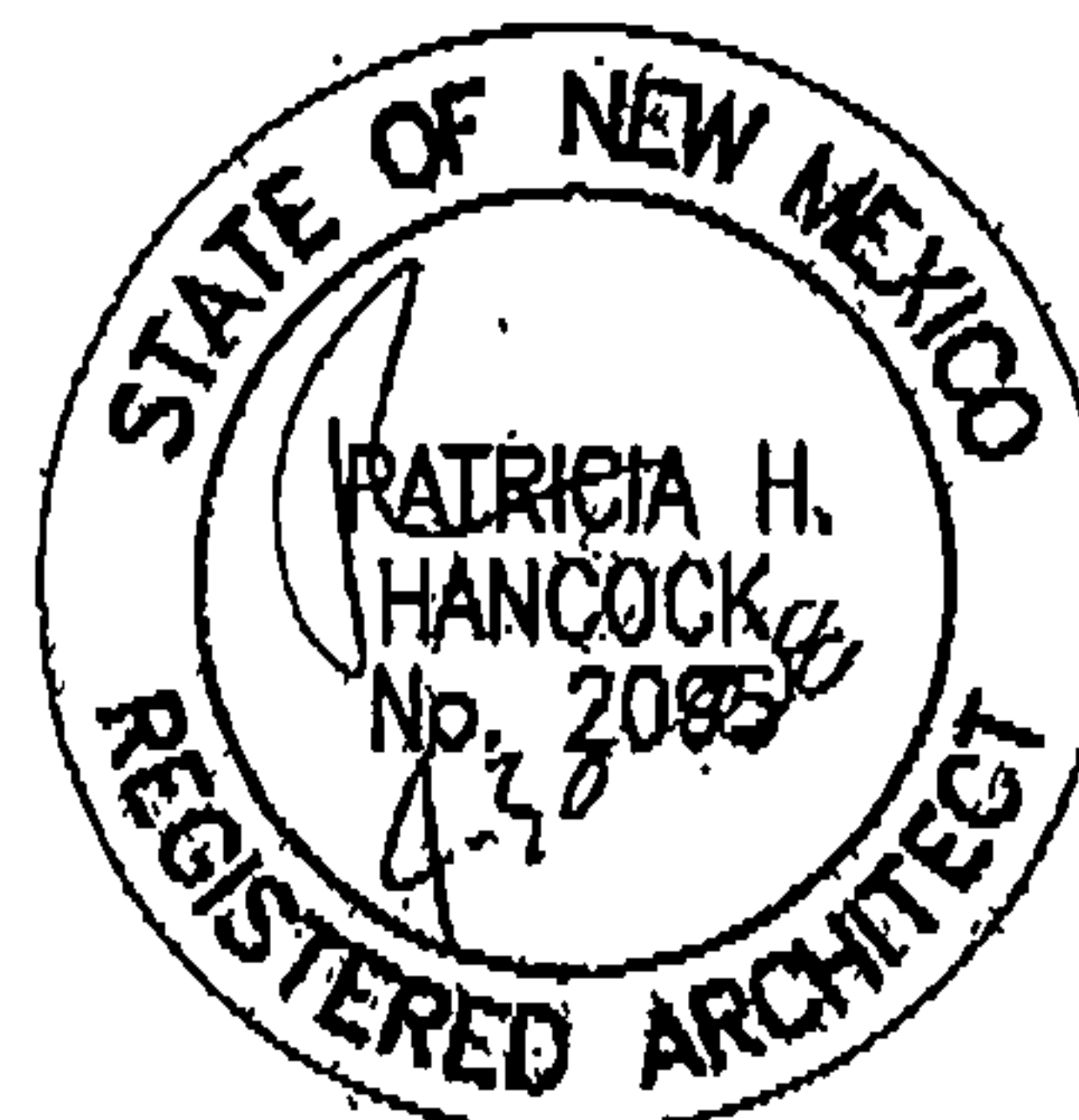
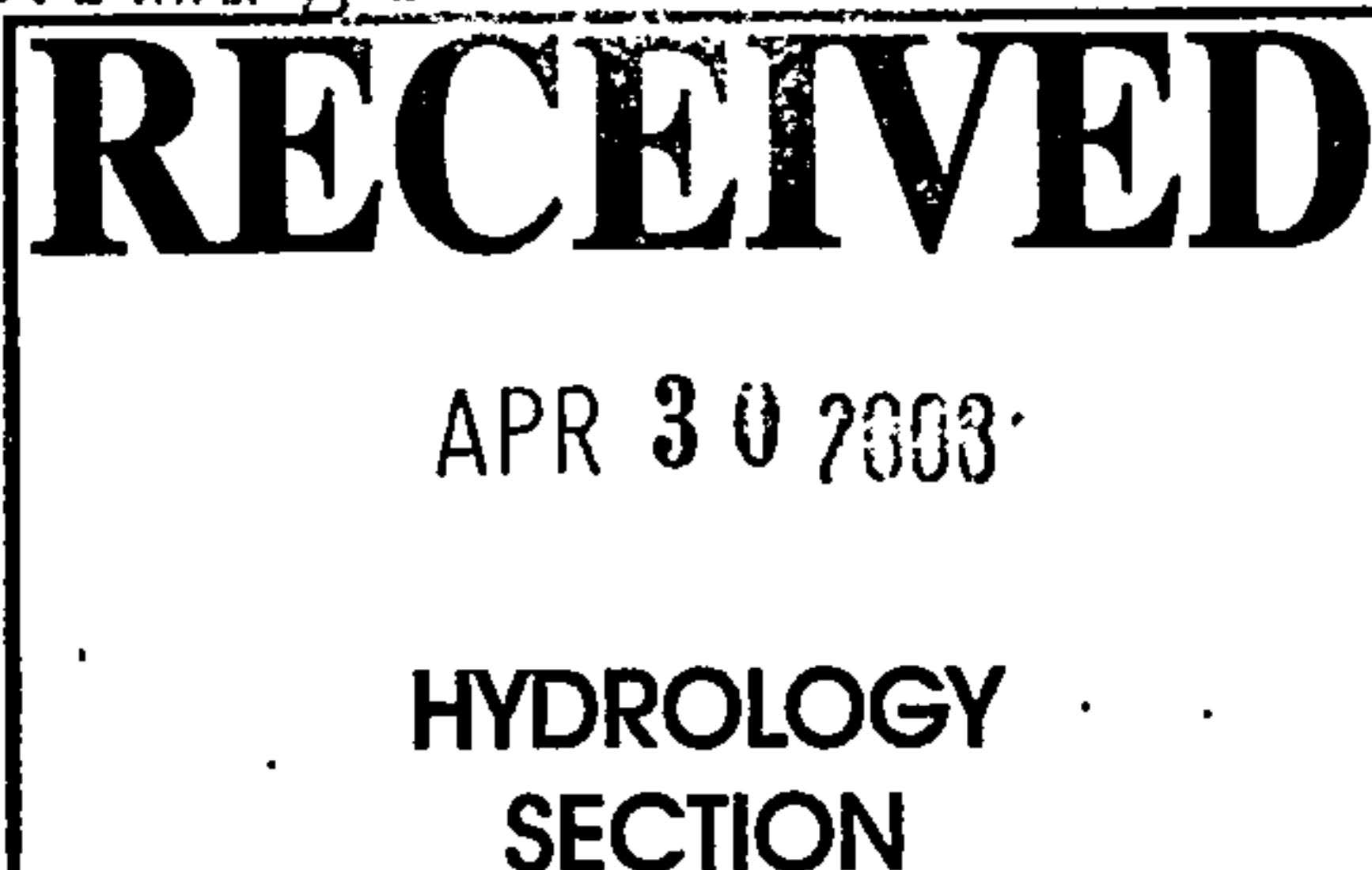
The purpose of this letter is to request approval of the Traffic Circulation Layout
Certification in support of Temporary Certificate of Occupancy for
Cuidando Los Niño's and John Marshall Site Work.

I, Patricia Hancock, of the firm SMPC Architects, hereby certify that this project
is in substantial compliance with and in accordance with the design intent of the
DRC approved plan dated 02/01/2007. I further certify that I have personally
visited the project site on April 24, 2008 and have determined by visual inspection
that the survey data provided is representative of actual site conditions and is true
and correct to the best of my knowledge and belief. This certification is
submitted in support of a request for Temporary Certificate of Occupancy.

The record information presented hereon is not necessarily complete and intended
only to verify substantial compliance of the traffic aspects of this project. Those
relying on the record document are advised to obtain independent verification of
its accuracy before using it for any other purpose.

Enclosed for your review is a copy of Site Plan C-002 with architect's original
stamp dated 01/29/2007. If you have any questions regarding this submittal,
please call me at 255-8668.


Patricia Hancock, AIA
Principal/Project Manager



4-30-08
GO DAY Temp
FS



Glenn H. Fellows AIA

J. Chris Willadsen AIA

Allison Abraham AIA, ASLA

David A. Cook AIA

Patricia H. Hancock AIA

David M. Hassard AIA

Karl Schindwolf AIA

April 30, 2008

Nilo Salgado, Senior Engineer
City of Albuquerque Planning Department
Transportation Development Services

Re: Transportation Circulation Layout (TCL) Certification for Temporary
Certificate of Occupancy
Cuidando Los Niño's and John Marshall Site work
1500 Walter Street SE, Albuquerque, New Mexico

Dear Nilo Salgado:

The purpose of this letter is to request approval of the Traffic Circulation Layout
Certification in support of Temporary Certificate of Occupancy for
Cuidando Los Niño's and John Marshall Site Work.

I, Patricia Hancock, of the firm SMPC Architects, hereby certify that this project
is in substantial compliance with and in accordance with the design intent of the
DRC approved plan dated 02/01/2007. I further certify that I have personally
visited the project site on April 24, 2008 and have determined by visual inspection
that the survey data provided is representative of actual site conditions and is true
and correct to the best of my knowledge and belief. This certification is
submitted in support of a request for Temporary Certificate of Occupancy.

The record information presented hereon is not necessarily complete and intended
only to verify substantial compliance of the traffic aspects of this project. Those
relying on the record document are advised to obtain independent verification of
its accuracy before using it for any other purpose.

Enclosed for your review is a copy of Site Plan C-002 with architect's original
stamp dated 01/29/2007. If you have any questions regarding this submittal,
please call me at 255-8668.

SMPC, P.A.

115 Amherst Drive SE

Albuquerque

New Mexico 87106

505 255 8668

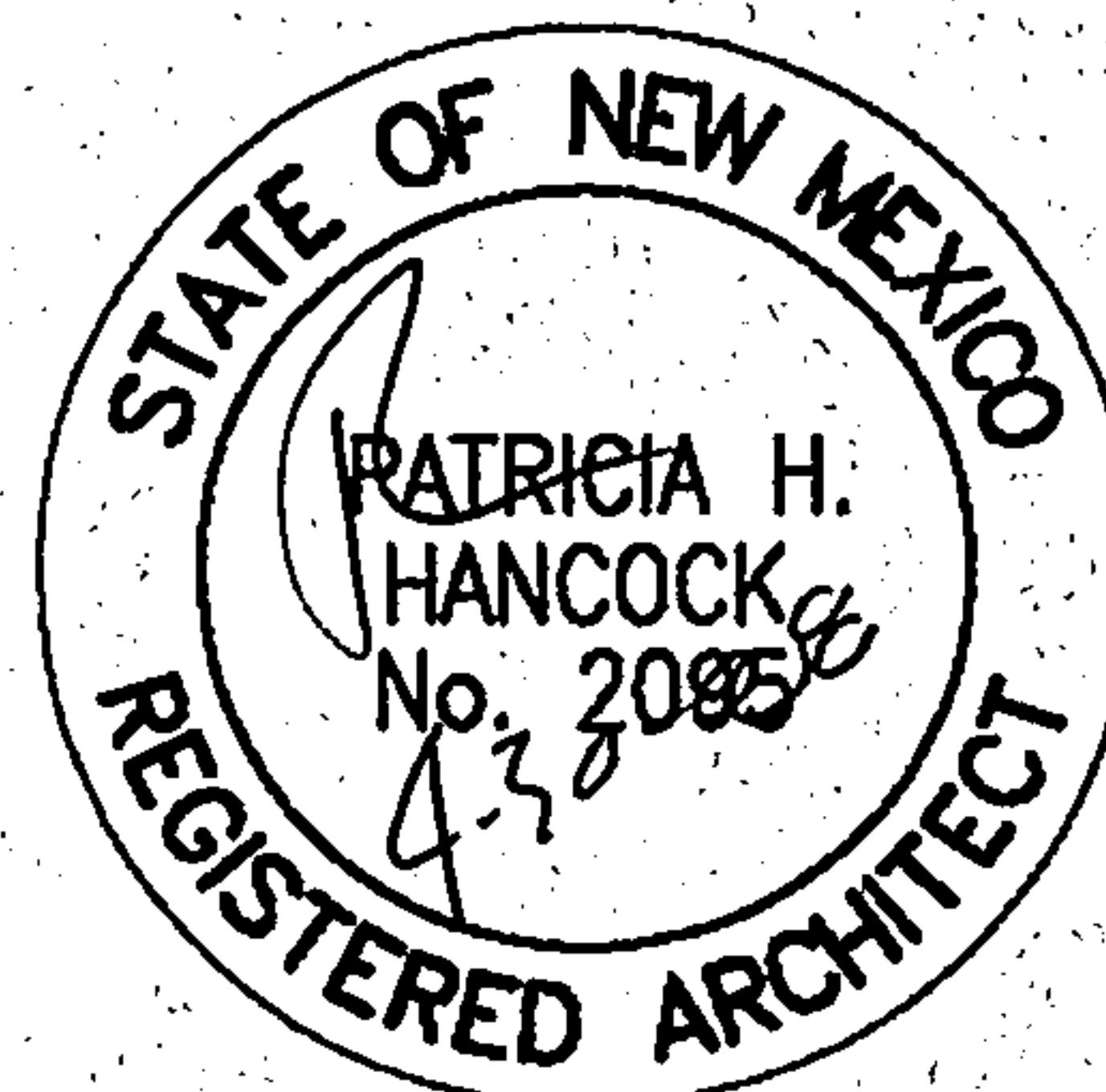
FAX 268 6665

smpc@smpcarch.com

www.smpcarch.com



Patricia Hancock, AIA
Principal/Project Manager



DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: Cuidando Los Ninos and John Marshall Sitework ZONE MAP/DRG. FILE # L14/1005
DRB #: 1001194 EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: Lot 4-6 & 10-12 block 35, lots 1-12 block 42, section 29 T 10N, R3E, SU-1 & SU-2 Multi Service Center, in the City of Albuquerque, New Mexico.

CITY ADDRESS: 1500 Walter Street SE, Albuquerque NM 87102

ENGINEERING FIRM: Bohannon Huston, Inc.
ADDRESS: 7500 Jefferson NE - Courtyard I
CITY, STATE: Albuquerque, NM

CONTACT: Glenn Broughton, PE
PHONE: (505) 823-1000
ZIP CODE: 87109

OWNER: City of Albuquerque, Department of Family and Community Services
ADDRESS: P.O. Box 1293 Room 504
CITY, STATE: Albuquerque, NM

CONTACT: Paula Ramsey
PHONE: 768-2836
ZIP CODE: 87103

ARCHITECT: SMPC Architect, PA
ADDRESS: 115 Amherst Drive SE
CITY, STATE: Albuquerque, NM

CONTACT: Patricia Hancock
PHONE: (505) 255-8668
ZIP CODE: 87106

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:

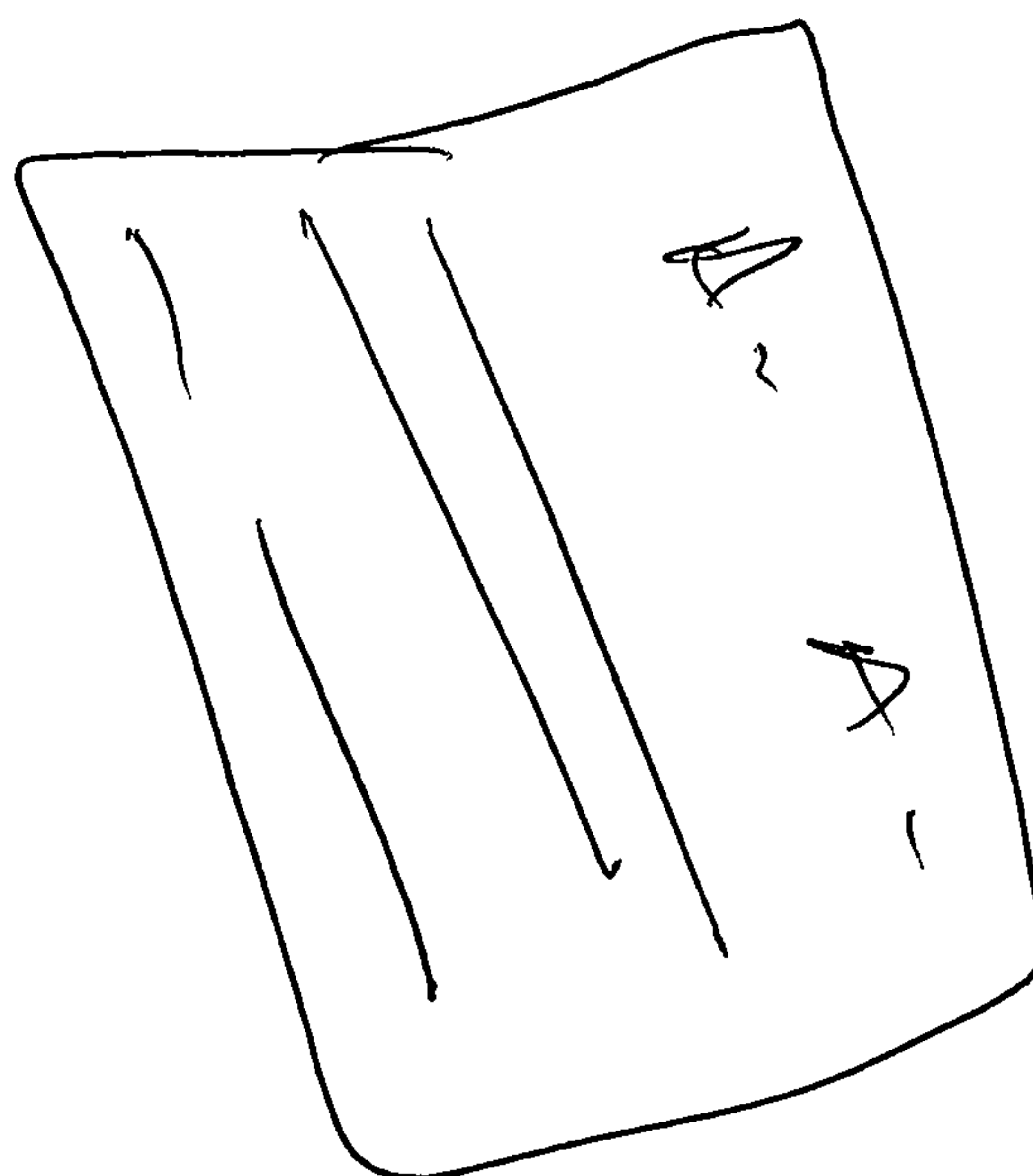
- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 04/30/2008 BY: Patricia Hancock

Requests for approvals of Site Development Plans and/or Subdivision Plans 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.





CITY OF ALBUQUERQUE



April 29, 2008

Glenn Broughton, PE
BOHANNAN-HUSTON, INC.
7500 Jefferson Street NE
Albuquerque, NM 87109

**Re: Cuidando Los Ninos, 1500 Walter SE,
(L-14/D005)**

**Approval of 90-Day Temporary Certificate of Occupancy (C.O.),
Engineer's Stamp Date 5/03/05
Certification dated 4/25/08**

Mr. Broughton:

PO Box 1293

Based upon the information provided in your submittal received 4/25/08, the above referenced certification is approved for release of 90-day Temporary Certificate of Occupancy by Hydrology.

Albuquerque

Upon final Engineer Certification of project site, please resubmit an updated Certification for Permanent C.O.

NM 87103

If you have any questions, you can contact me at 924-3982.

Sincerely,

www.cabq.gov

Timothy E. Sims
Plan Checker-Hydrology, Planning Dept
Development and Building Services

C: CO Clerk -- Katrina Sigala
file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: Cuidando los Ninos

ZONE MAP/DRG. FILE # L-14

DRB #: 1001194

EPC#:

WORK ORDER#:

LEGAL DESCRIPTION: 1500 Walter SE

CITY ADDRESS:

ENGINEERING FIRM: Bohannon Huston, Inc.

CONTACT: Glenn Broughton

ADDRESS: 7500 Jefferson NE - Courtyard I

PHONE: (505) 823-1000

CITY, STATE: Albuquerque, NM

ZIP CODE: 87109

OWNER:

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:

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 / 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

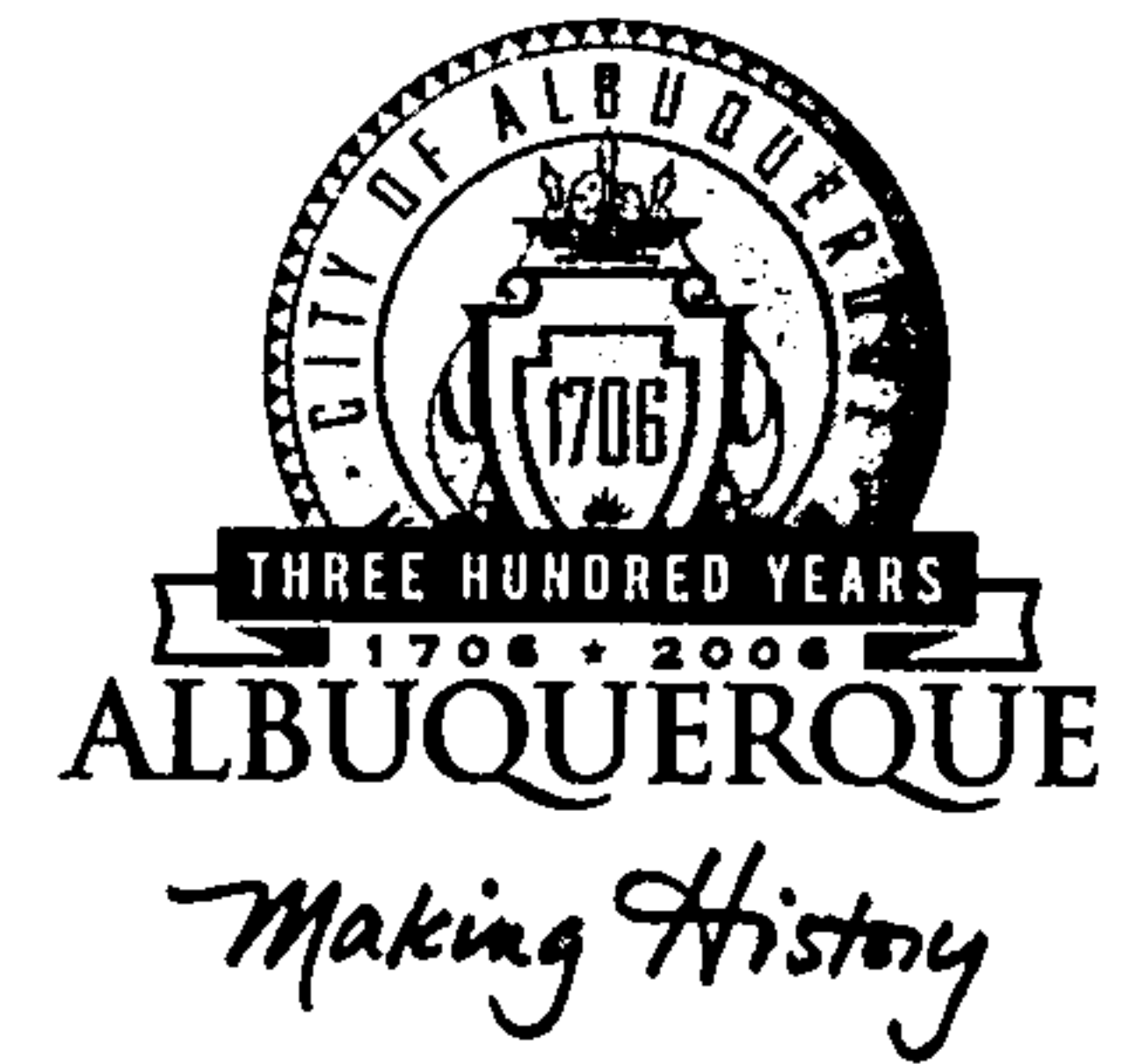
DATE SUBMITTED: April 25, 2008

BY: Glenn Broughton

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.

CITY OF ALBUQUERQUE



May 6, 2005

Glenn S. Broughton, P.E.
Bohannon Huston, Inc.
7500 Jefferson NE – Courtyard I
Albuquerque, NM 87109

**Re: Cuidando Los Ninos, 1500 Walter SE - Drainage and Grading Plan
Engineer's Stamp dated 5-3-05 (L14-D5)**

Dear Mr. Broughton,

Based upon the information provided in your submittal dated 5-3-05, 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 release of the Certificate of Occupancy an Engineer's Certification of the grading plan per the DPM checklist will be required.

P.O. Box 1293

Additionally, this project requires a National Pollutant Discharge Elimination System (NPDES) permit. Refer to the attachment that is provided with this letter for details. If you have any questions please feel free to call the Municipal Development Department, Hydrology section at 768-3654 (Charles Caruso).

Albuquerque

If you have any questions, you can contact me at 924-3990.

New Mexico 87103

Sincerely,

Phillip J. Lovato, E.I.
Associate Engineer, Planning Department
Development and Building Services

www.cabq.gov

C: Charles Caruso, DMD
file



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 28, 2000

Dave Larrow, P.E.
Holmes and Narver, Inc.
6501 Americas Parkway NE
Suite 700
Albuquerque, NM 87110

RE: JOHN MARSHALL (L14-D51). GRADING AND DRAINAGE PLAN FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED DECEMBER 23, 1999.

Dear Mr. Larrow:

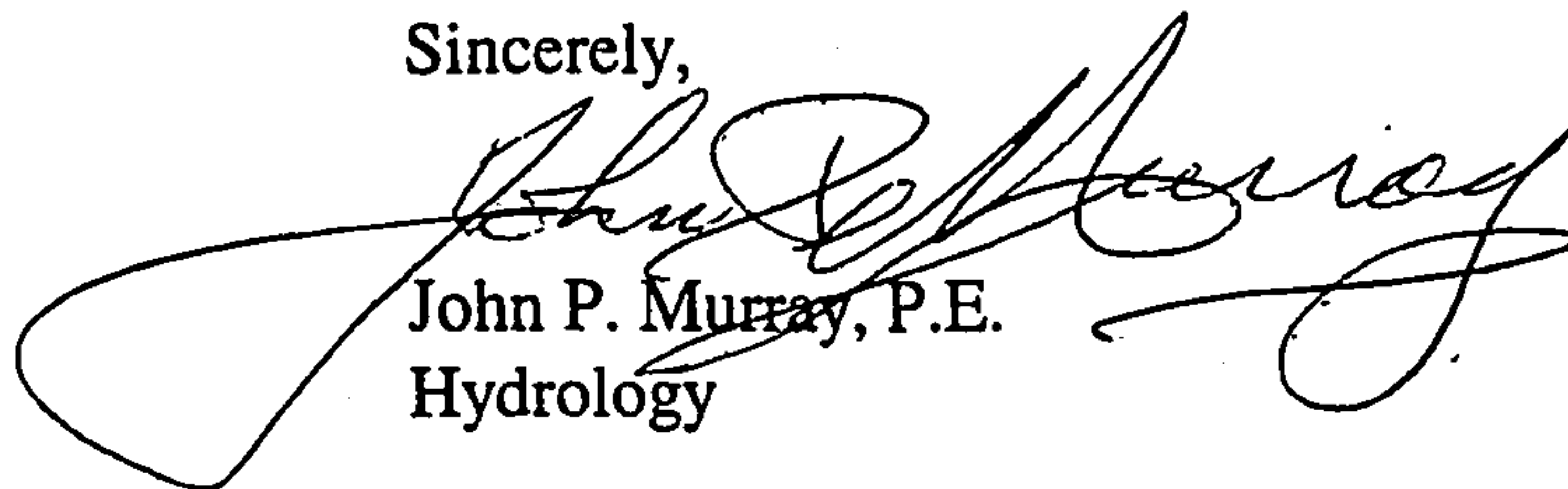
Based on the information provided on your submittal of January 4, 2000, the above referenced project is approved for Building Permit.

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

Prior to Certificate of Occupancy approval, an Engineer's Certification per the DPM will be required.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,



John P. Murray, P.E.
Hydrology

c: ☒ WR
☒ File

DRAINAGE INFORMATION SHEET

John Marshall Drainage and Site

PROJECT TITLE: Improvements, Phase II

ZONE ATLAS/DRNG. FILE #:

L-14/D005

DRB #:

EPC #:

WORK ORDER #:

6242,91LEGAL DESCRIPTION: Section 29 T10N R3E Lots 4, 5, 6, 10, 11+12CITY ADDRESS: 1500 Walter St SEENGINEERING FIRM: Holmes & Narver IncCONTACT: Dave LarrowADDRESS: 6501 Americas Pkwy NE, Ste 700PHONE: 889-4174OWNER: City Family and Community ServicesCONTACT: Sylvia FettesADDRESS: City Hall Room 504PHONE: 768-2932ARCHITECT: NA

CONTACT: _____

ADDRESS: _____

PHONE: _____

SURVEYOR: Albuquerque SurveysCONTACT: Vlad Jirik

ADDRESS: _____

PHONE: _____

CONTRACTOR: _____

CONTACT: _____

ADDRESS: _____

PHONE: _____

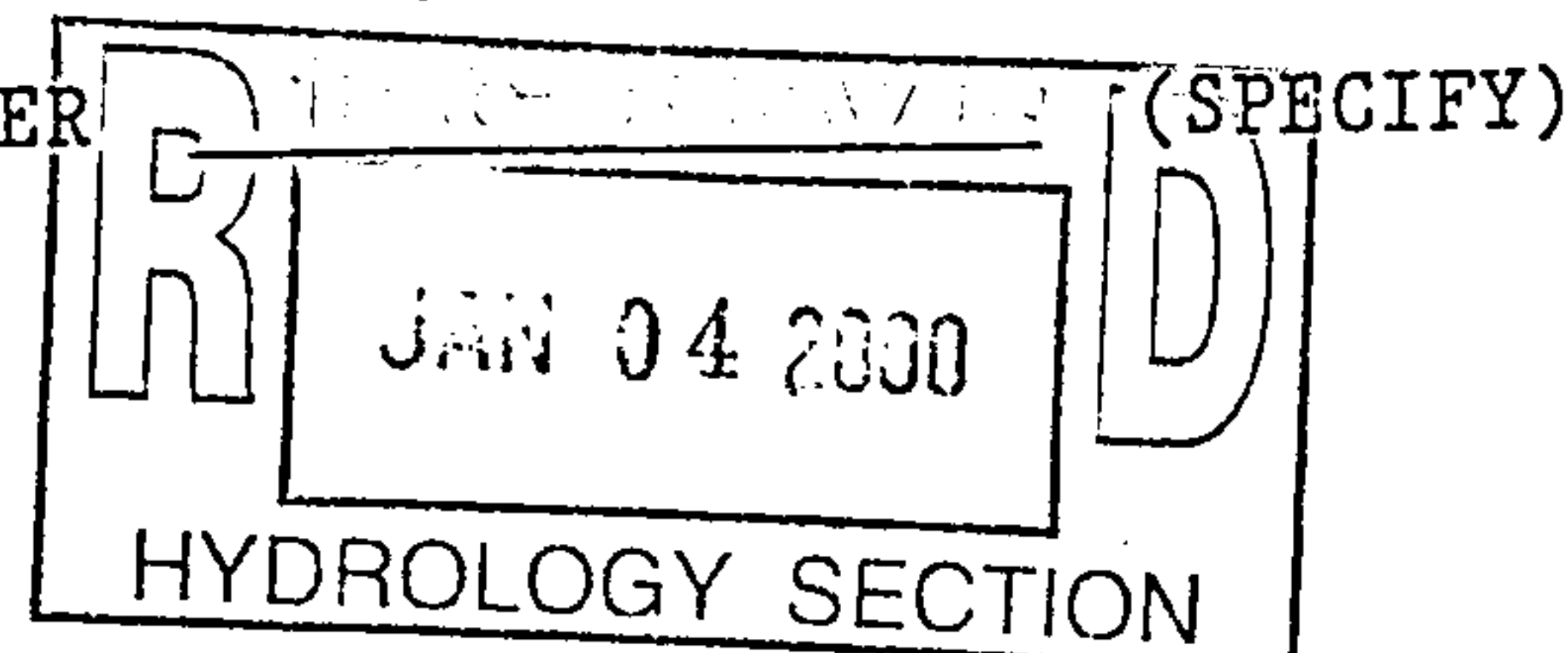
TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT☒ DRAINAGE PLAN☐ CONCEPTUAL GRADING & DRAINAGE PLAN☒ GRADING PLAN☐ EROSION CONTROL PLAN☐ ENGINEER'S CERTIFICATION☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

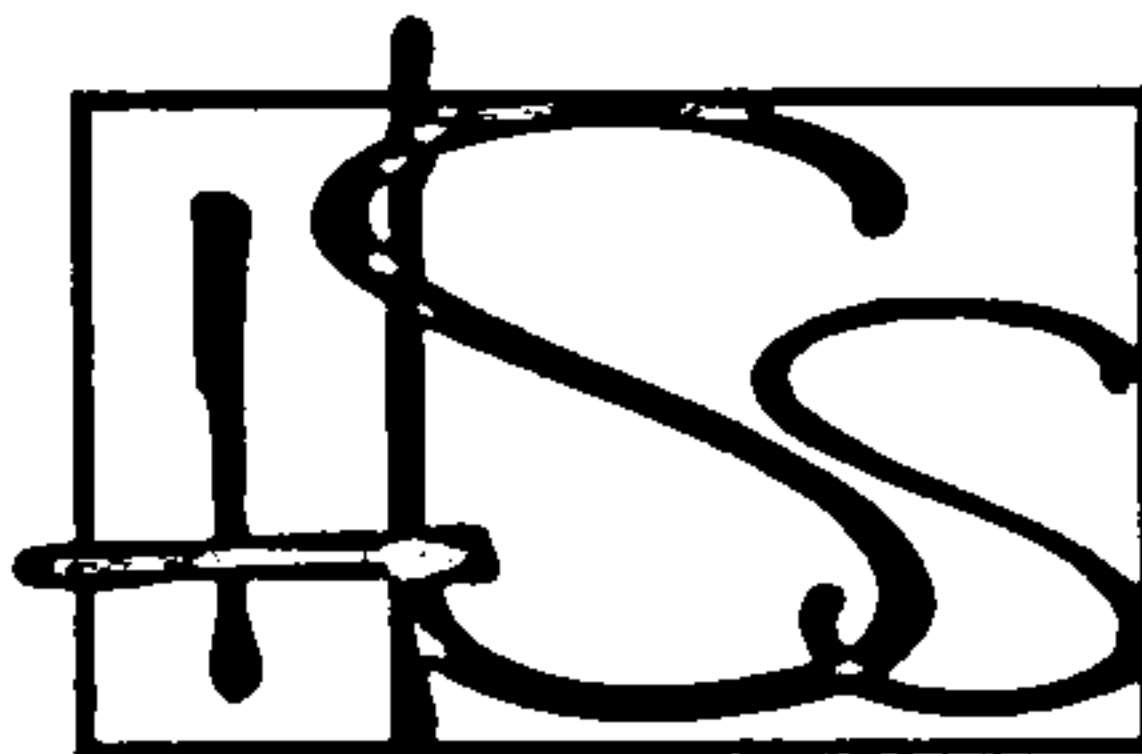
☐ SKETCH PLAT APPROVAL☐ PRELIMINARY PLAT APPROVAL☐ S. DEV. PLAN FOR SUB'D. APPROVAL☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL☐ SECTOR PLAN APPROVAL☐ FINAL PLAT APPROVAL☐ FOUNDATION PERMIT APPROVAL☒ BUILDING PERMIT APPROVAL☐ CERTIFICATE OF OCCUPANCY APPROVAL☐ GRADING PERMIT APPROVAL☐ PAVING PERMIT APPROVAL☐ S.A.D. DRAINAGE REPORT☐ DRAINAGE REQUIREMENTS☐ OTHER (SPECIFY)

PRE-DESIGN MEETING:

☐ YES☒ NO☐ COPY PROVIDEDDATE SUBMITTED: 1-4-2000

BY:

David J. Larrow



**HOT SHOT
SERVICES, INC.**
THE DELIVERY COMPANY

BILL OF LADING NO. **A103575**

103145.0015
CUSTOMER/JOB NO.

Albuquerque
(505) 344-5440

• Santa Fe •
(505) 989-8700
Toll Free • 1-800-242-9417

Phoenix
(480) 894-1401

PICKUP	FROM HOLMES & NARVER, INC.
	STREET ADDRESS 6501 Americas Parkway NE, Suite 700
	CITY STATE ZIP Albuquerque, NM 87110
	PHONE NO. CONTACT 505 889-4100
	SHIPPER SIGNATURE X <i>[Signature]</i>

DELIVERY	TO
	CITY DEVELOPEMENT SERVICES CENTER
	STREET ADDRESS PLAZA DEL SOL-2ND FLOOR WEST
	CITY STATE ZIP 600 2 ND ST NW
	PHONE NO. CONTACT JOHN MURRAY

NUMBER OF PCS	DESCRIPTION & REFERENCE NUMBER(S)	WEIGHT	PCS	DIMENSIONS L W H			AMOUNT
1	SET OF DRAWINGS						

I HAVE RECEIVED THE ABOVE DESCRIBED PROPERTY IN GOOD CONDITION, EXCEPT AS NOTED. X <i>[Signature]</i> CONSIGNEE SIGNATURE
X <i>[Signature]</i> DELIVERY DRIVER SIGNATURE
0950 11/1/00 DELIVERY TIME / DATE

P/U DRIVER 212	VEHICLE NO. 35
PICKUP TIME AND DATE 12840 11/1/00	

DECL. VALUE 4000	C.O.D.
INSURANCE	

DECLARED VALUE
DECLARED VALUATIONS AGREED AND UNDERSTOOD. HOT SHOT SERVICE'S LIABILITY LIMITED TO THE ACTUAL DAMAGES SUSTAINED BUT IN NO EVENT HIGHER THAN \$ 50/LB. \$50.00. OR THE C.O.D. AMOUNT, WHICHEVER IS LESSER, UNLESS A HIGHER VALUATION IS DECLARED AND CHARGES PAID THEREON

DIMENSIONAL WEIGHT
DEBTOR WILL BE CHARGED FOR THE ACTUAL WEIGHT OF SHIPMENT, OR THE DIMENSIONAL WEIGHT, WHICHEVER IS GREATEST. DIMENSIONAL WEIGHT IS DETERMINED BY THE FOLLOWING EQUATION: L X W X H : 194 FOR EACH PIECE TENDERED TO HOT SHOT SERVICE'S ALL DIMENSIONS ARE MEASURED IN INCHES.

INSURANCE
INSURANCE ON THE TOTAL VALUE OF THE SHIPMENT TENDERED ON EACH FREIGHT BILL MAY BE OBTAINED AT A COST OF \$ 60 PER HUNDRED DOLLARS OF COVERAGE REQUESTED. COST WILL BE ADDED INTO THE CHARGES OF SPECIFIC FREIGHT BILL INVOICE.

WHITE - ACCOUNTING

YELLOW - SHIPPER

PINK - CONSIGNEE

FIGURE 6
CITY OF ALBUQUERQUE
NOTICE OF D.R.C. MEETING
12/29/99
(DATE)

DRB NO: N/A
PROJECT NO: 624291
ZONE ATLAS: L-14

PROJECT NAME: John Marshall Drainage Improvements
LOCATION: 1500 Walter SE.

TYPE OF PROJECT: AHBA ☐ CIP ☒ PWC ☐ SAD ☐ ALL PRIVATE ☐

Contact Person: Dave Larrow Phone: 768-889-4100

Firm: Walmer's Master

Sylvia Tetes - COA Dept. of Family & Comm. Serv.

Scheduled with the D.R.C. on 01/03/00 at 3:30 PM Plaza Del Sol/2nd Fl.

No DRC Meeting Scheduled. Please return any comments by _____

The Project Is Scheduled For:

☐ / ☐ Design Report Review	☒ / ☐ Final Plan Review
☐ / ☐ Pre-Design Meeting	☐ / ☐ Signoff of Plans
☐ / ☐ Preliminary Plan Review	☐ / ☐ _____

The Project Relates To:

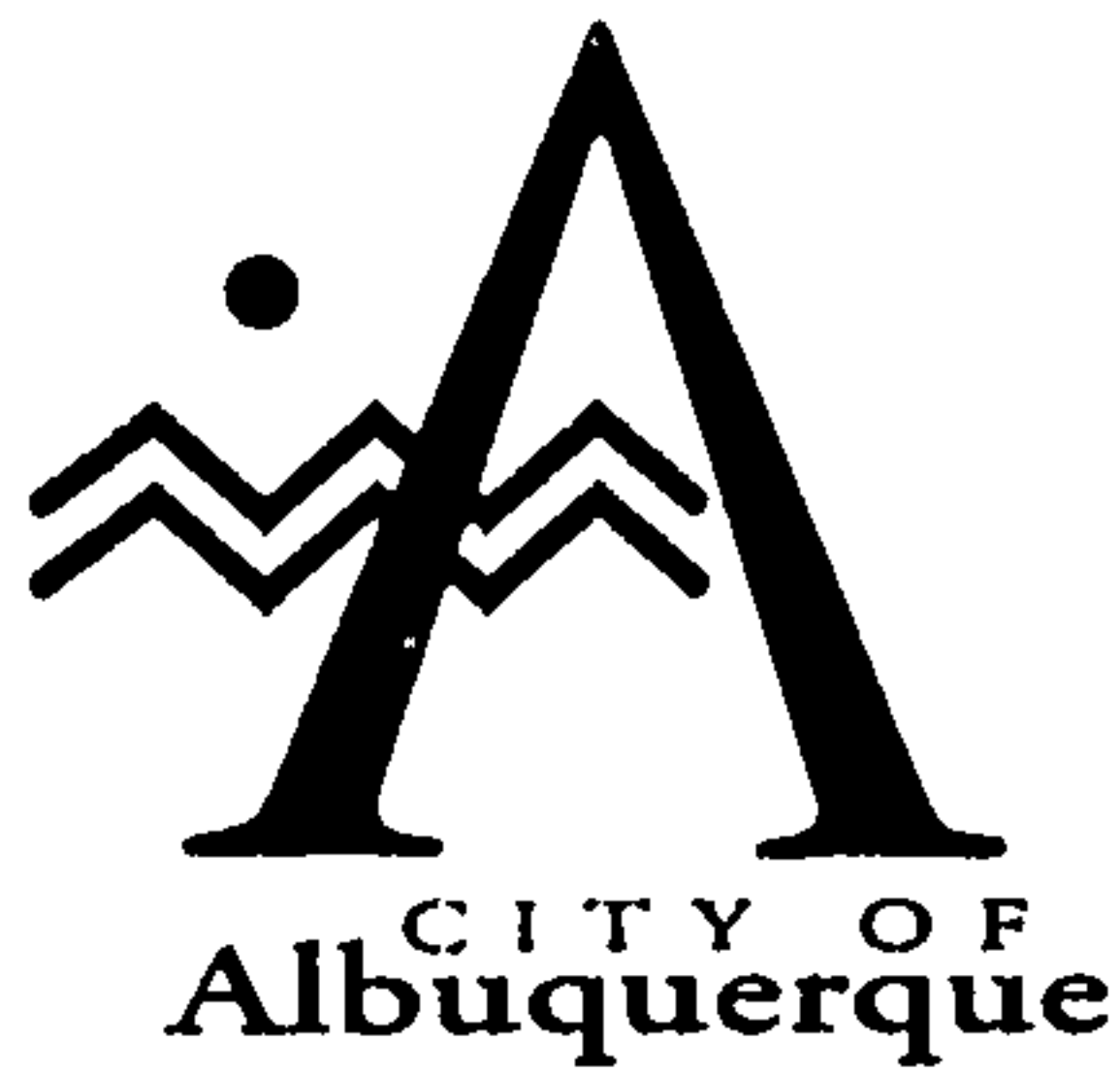
☐ / ☐ Water ☐ / ☐ San. Sewer ☐ / ☐ Paving ☒ / ☐ Storm Drainage ☐ / ☐ Misc.

The Attached Package Includes:

☐ / ☐ D/ Drawings ☐ / ☐ S/ Spec's ☐ / ☐ E/ Estimate ☐ / ☐ R/ Report ☐ / ☐ M/ Memo Only

Indicated below are the Departments/Divisions that have received project documents and/or are invited to attend. It will be the Project Managers responsibility to notify consulting engineering firms of date and time of scheduled meetings.

☒ D/ DRC Chairman	Project Review Section	All Drawings
☒ D/ Traffic Repres.	Transportation Development	All Drawings
☐ / ☐ Utility Dev. (Brad B.)	Utility Design	All AHBA Drawings
☒ D/ Utility Dev. (Billy G.)	Utility Design	All CIP Drawings
☒ D/ Hydro Repres: <u>MURRAY</u>	Hydrology	All Drawings
☒ D/ Const. Repres.	Construction	All Drawings
☐ / ☐ Dave Harmon	Traffic Operations	All Drawings
☐ / ☐ Sergio Miranda	Water (Shutoff Plan)	All Water Shutoff
☐ / ☐ Parks Repres.	Parks & Recreation	ALL Landscaping
☐ / ☐ Andre Houle	Street Maintenance	All Paving
☐ / ☐ Kevin Broderick	Utility Coordinator	ALL PWC & CIP
☐ / ☐ Tom Murphy	Transit Department	All Drawings
☒ D/ Joe Luehring	Construction Coordinator	CIP/Memo
☐ / ☐ Jim Fink	Line Maintenance	CIP & SAS/Memo
☒ D/ George Gee	City Architect	Arch. Drawings
☐ / ☐ _____	SAD Engineer	SAD/Memo
☐ / ☐ Tom Ellis	Park Mangement	Parks/Community Ctrs/APS
☐ / ☐ Gene Bustamante	General Services Dept.	Arch. Drawings
☐ / ☐ Greg Smith	PWD/Legal	Specs & Dwgs.
☐ / ☐ Richard Sertich	Planning Department	CIP/Memos
☐ / ☐ CIP Project Manager	CIP	CIP/Memos
☒ D/ Donald Bartlett	Risk Management	Arch. Drawings
☐ / ☐ _____	_____	_____



Martin J. Chávez, Mayor

September 30, 1997

Dave Larrow, P.E.
Holmes & Narver, Inc.
6501 Americas Parkway NE
Suite 700
Albuquerque, NM

**RE: JOHN MARSHALL (L14-D5). GRADING AND DRAINAGE PLAN FOR
BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED 9-4-97.**

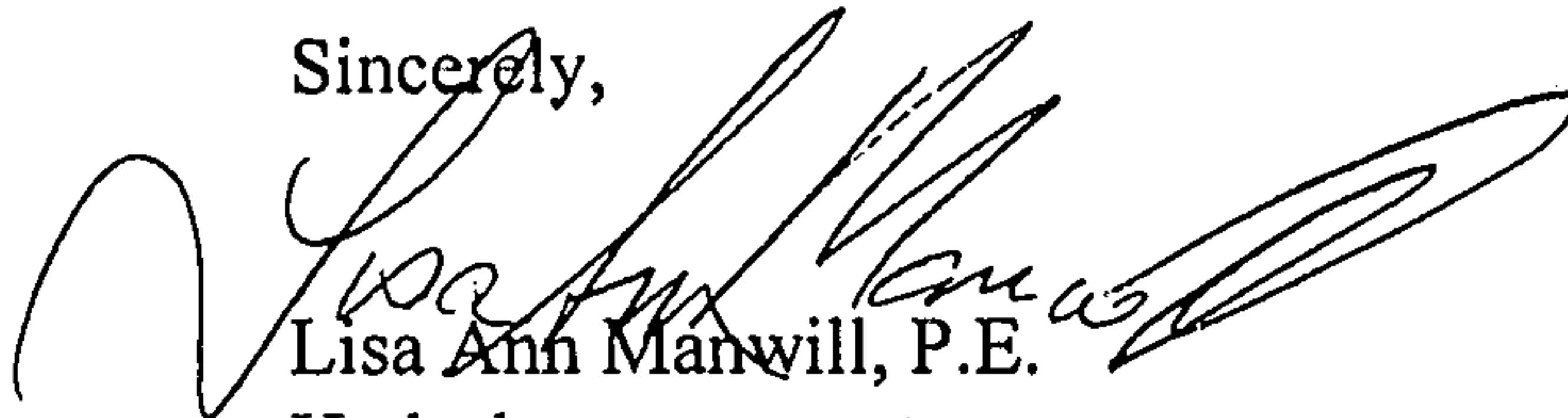
Dear Mr. Larrow:

Based on the information provided on your September 14, 1997 submittal, the above referenced project is approved for Building Permit.

Prior to Certificate of Occupancy, an Engineer's Certification will be required.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,



Lisa Ann Manwill, P.E.
Hydrology

c: Andrew Garcia
File



FIGURE 6
CITY OF ALBUQUERQUE
NOTICE OF D.R.C. MEETING
9/14/99
(DATE)

DRB NO: N/A
PROJECT NO: 624291
ZONE ATLAS: L-14/D5

PROJECT NAME: John Marshall Drainage Improvements
LOCATION: 1500 Walter S.E.

TYPE OF PROJECT: AHBA ☐ CIP ☒ PWC ☐ SAD ☐ ALL PRIVATE ☐

Contact Person: Sylvia Fettes Phone: 768-2932
Firm: COA - Dept of Family & Community Services

☒ Scheduled with the D.R.C. on 9/22/99 at 2:30 Plaza Del Sol/2nd Fl.
☐ No DRC Meeting Scheduled. Please return any comments by _____

The Project Is Scheduled For:

/ / Design Report Review / / Final Plan Review
/ / Pre-Design Meeting / / Signoff of Plans
☒ Preliminary Plan Review / / _____

The Project Relates To:

/ / Water / / San. Sewer / / Paving ☒ Storm Drainage / / MISC.

The Attached Package Includes:

/D/ Drawings /S/ Spec's /E/ Estimate /R/ Report /M/ Memo Only

Indicated below are the Departments/Divisions that have received project documents and/or are invited to attend. It will be the Project Managers responsibility to notify consulting engineering firms of date and time of scheduled meetings.

☒ DRC Chairman	Project Review Section	All Drawings
☒ Traffic Repres.	Transportation Development	All Drawings
/ / Utility Dev. (Bob Kane)	Utility Design	All AHBA Drawings
☒ Utility Dev. (Billy G.)	Utility Design	All CIP Drawings
☒ Hydro Repres. <u>MURRAY</u>	Hydrology	All Drawings
☒ Const. Repres.	Construction	All Drawings
☒ Dave Harmon	Traffic Operations	All Drawings
/ / Sergio Miranda	Water (Shutoff Plan)	All Water Shutoff
☒ Parks Repres.	Parks & Recreation	ALL Landscaping
/ / Andre Houle	Street Maintenance	All Paving
/ / Kevin Broderick	Utility Coordinator	ALL PWC & CIP
☒ Tom Murphy	Transit Department	All Drawings
☒ Joe Luehring	Construction Coordinator	CIP/Memo
/ / Jim Fink	Line Maintenance	CIP & SAS/Memo
☒ George Gee	City Architect	Arch. Drawings
/ /	SAD Engineer	SAD/Memo
/ / Tom Ellis	Park Mangement	Parks/Community Ctrs/APS
☒ Gene Bustamante	General Services Dept.	Arch. Drawings
☒ Greg Smith	PWD/Legal	Specs & Dwgs.
☒ Richard Sertich	Planning Department	CIP/Memos
☒ CIP Project Manager <u>Sylvia Fettes</u>	CIP Dept Fam./Comm. Serv.	CIP/Memos Rm 504/CH
☒ Donald Bartlett	Risk Management	Arch. Drawings
/ /		

1. Send plan to J. Murray

20/1

DRAINAGE INFORMATION SHEET

PROJECT TITLE: John Marshall Drainage+Site Improvements ZONE ATLAS/DRNG. FILE #: L-14 005
DRB #: _____ EPC #: _____ WORK ORDER #: 5342.20
LEGAL DESCRIPTION: Lots 4, 5, 6, 10, 11, + 12 Block 35, Lots 1-12 Block 42. Section 29 T10N, R3E
CITY ADDRESS: 1500 Walter St SE
ENGINEERING FIRM: Holmes & Narver Inc CONTACT: Dave Larrow
ADDRESS: 6501 Americas Pkwy NE, Ste 700 PHONE: 889-4174
Albuquerque
OWNER: City Family and Community Services CONTACT: Jay Ruybalid
ADDRESS: City Hall Room 504 PHONE: 768-2867
ARCHITECT: Kramer E. Woodard Architects CONTACT: Natalie
ADDRESS: Studio 2227 Lead SE 87106 PHONE: 262-0373
SURVEYOR: City of Albuquerque CONTACT: Jan Fiala
ADDRESS: _____ PHONE: 768-3609
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
☒ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☐ OTHER

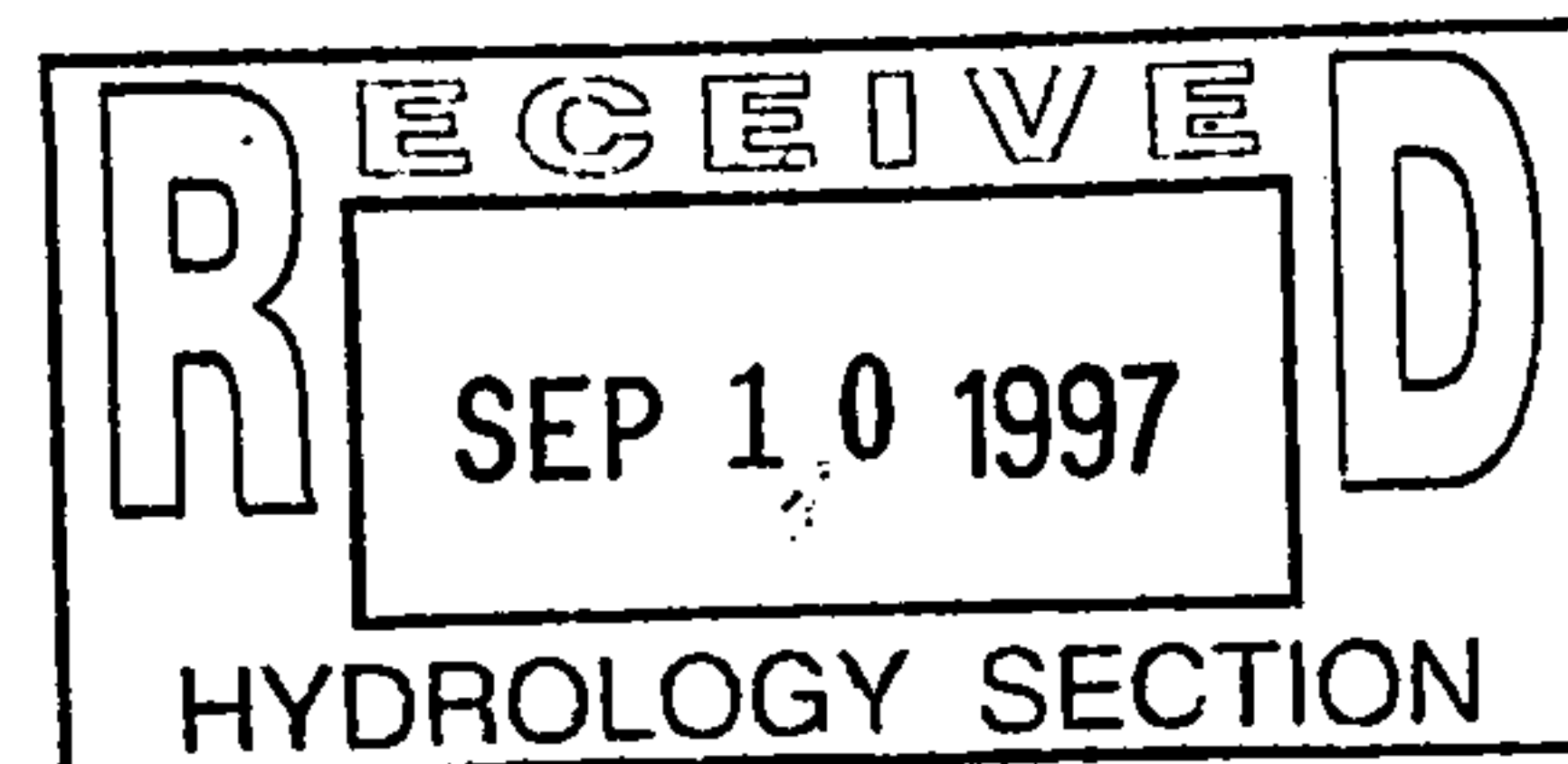
PRE-DESIGN MEETING:

- ☐ YES
☒ NO
☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
☐ 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 APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 9-4-97 Resubmitted 9-10-97
BY: David J Larrow David J Larrow



**Holmes & Narver**

September 30, 1997

3062055L.doc

Ms. Lisa Ann Manwill, PE
City of Albuquerque,
Public Works, Hydrology
P.O. Box 1293
Albuquerque, NM 87103

**RE: JOHN MARSHALL GRADING AND DRAINAGE PLAN (L14-05)
FOR BUILDING PERMIT APPROVAL**

Dear Ms. Manwill:

In accordance with your request, we are pleased to present the following information.

1. Project Narrative:

The developed site plan will follow the existing drainage pattern. One drop inlet and 18" storm drain pipe will be constructed in drainage area 6 to relieve a flooding problem in the main building basement. Paved parking will be constructed north of the main building. A grading and drainage plan has been provided for the construction of the Cuidando Los Niños Center Additions, New Buildings A and B.

2. Down Stream Capacity:

- This is an infill site LAM*
- A. Drainage Areas 1, 2, 3, 4, 6, & 8 drain to Dan Street and into the existing 30 inch storm drain. The existing site flow = 4.71 cfs. The developed site flow = 4.73 cfs.
 - B. Drainage Areas 5, 7, 9, 10, 11, 12, 13, 14, & 15 drain into Walter Street. Walter Street has no storm drain system. The existing site flow = 10.55 cfs. The developed site flow = 11.91 cfs. Walter Street is a 32 foot street with 2.44% slope. Developed runoff will flow in the gutter at a 0.42 ft. depth.

If you have any other question, please give me a call at 889-4174.

Sincerely,

David J. Larrow, PE
Project Manager

DJL/pah

c. Project File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: John Marshall Drainage Site Improvements ZONE ATLAS/DRNG. FILE #: L-14-005
DRB #: _____ EPC #: _____ WORK ORDER #: 5342.20
LEGAL DESCRIPTION: Lots 4, 5, 6, 10, 11, + 12 Block 35, Lots 1-12 Block 42. Section 29 T10N, R3E
CITY ADDRESS: 1500 Walter St SE
ENGINEERING FIRM: Holmes & Narver Inc CONTACT: Dave Larrow
ADDRESS: 6501 Americas Pkwy NE, Ste 700 PHONE: 889-4174
Albuquerque
OWNER: City Family and Community Services CONTACT: Jay Ruybalid
ADDRESS: City Hall Room 504 PHONE: 768-2867
ARCHITECT: Kramer E. Woodard Architects CONTACT: Natalie
ADDRESS: Studio 2227 Lead SE 87106 PHONE: 262-0373
SURVEYOR: City of Albuquerque CONTACT: Jan Fiala
ADDRESS: _____ PHONE: 768-3609
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

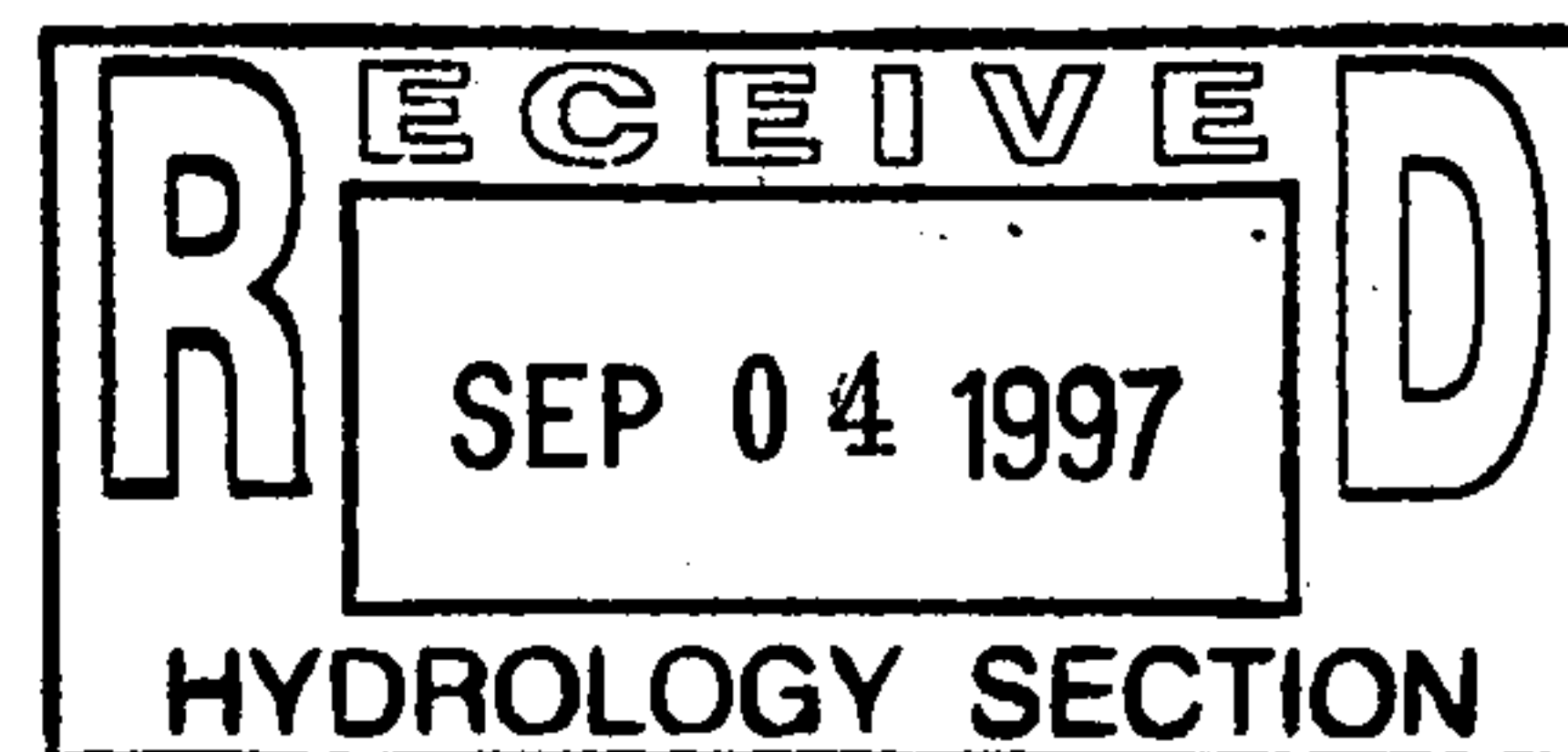
- ☐ DRAINAGE REPORT
☒ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☐ OTHER

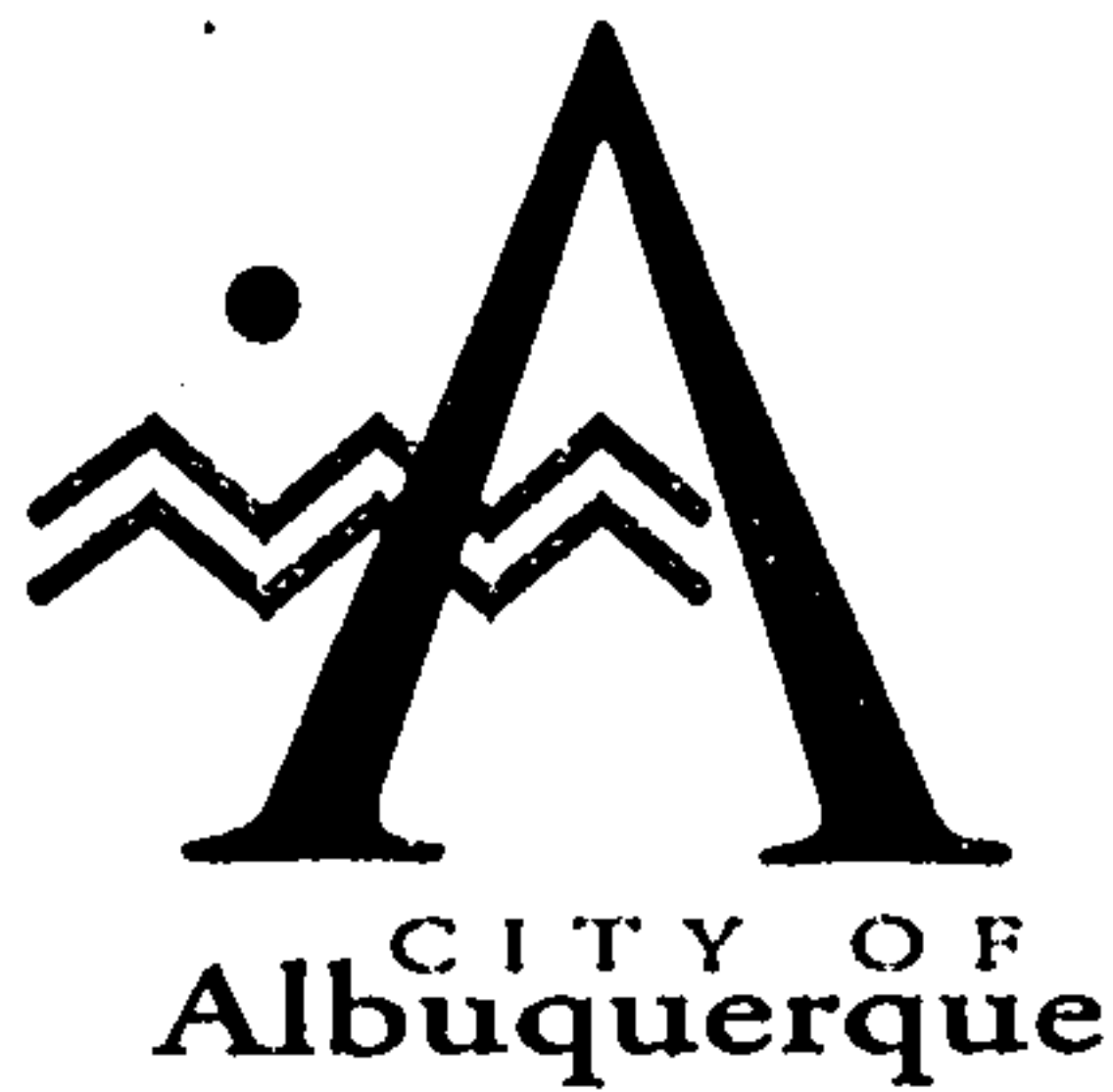
CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
☐ 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 APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (SPECIFY)

PRE-DESIGN MEETING:

- ☐ YES
☒ NO
☐ COPY PROVIDED

DATE SUBMITTED: 9-4-97BY: David J Larrow



September 22, 1997

Martin J. Chávez, Mayor

Dave Larrow, P.E.
Holmes & Narver, Inc.
6501 Americas Parkway NE
Suite 700
Albuquerque, NM

**RE: JOHN MARSHALL (L14-D5). GRADING AND DRAINAGE PLAN FOR
BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED 9-4-97.**

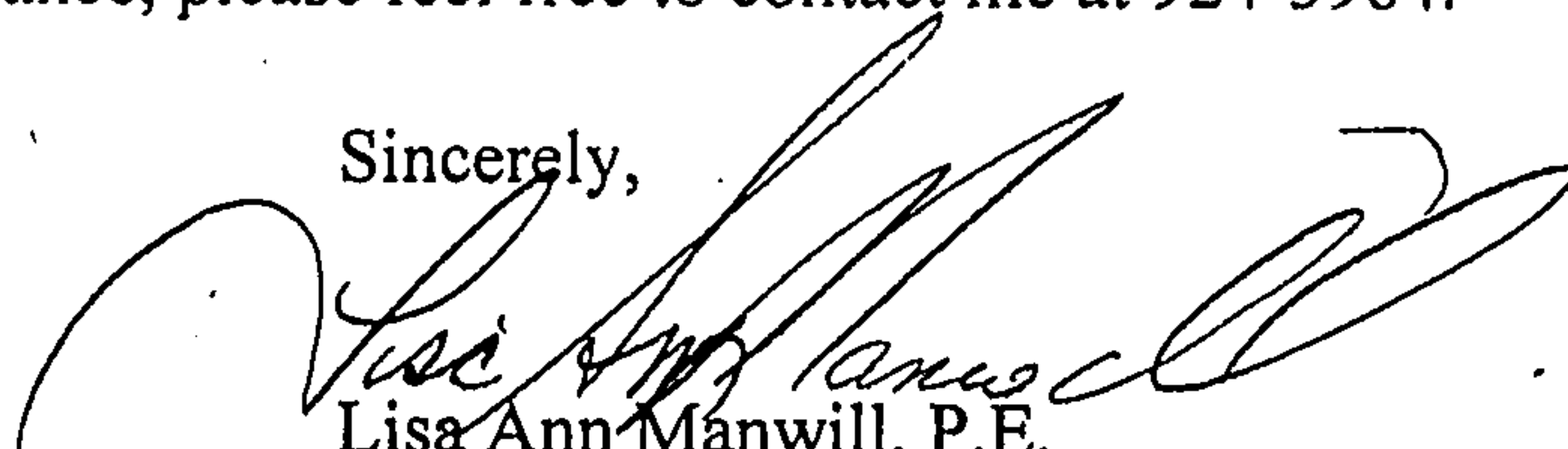
Dear Mr. Larrow:

Based on the information provided on your September 4, 1997 submittal, City Hydrology has the following comments:

1. Provide a narrative, explaining what you are proposing to construct.
2. Is there down stream capacity for the proposed flow? Keep in mind, historical flow is not necessarily the same as allowable flow.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,



Lisa Ann Manwill, P.E.
Hydrology

c: Andrew Garcia
File

Good for You, Albuquerque!



CHECKED _____ DATE _____

APPROVED _____ DATE _____

TITLE John Marshall Storm Drain Calcs**Holmes & Narver**
ARCHITECTS - ENGINEERS6501 Americas Parkway NE Suite 700
Albuquerque, NM 87110JOB NO. 3062.20

SHEET _____ OF _____

BY DJL DATE 9-9-97

1. Given Min. Diam SD = 18"

• Minimum Slope in lower reach = 0.015 F/Ft

• Drainage Area to $Q_{100} = 0.94$ cfs2. Determine Depth of flow in pipe @ Q_{100}

• See attached work sheet

• Depth = 0.27 Ft

• Full Flow Capacity = 12.86 cfs

 $\therefore$ 18" SD @ 0.015 slope is OK

3. Determine Capacity of Single D Grate for same condition and 0.5' Depth

• At 0.5' Depth inlet acts as a weir

Ref: HEC No. 12

$$Q_i = C_w P d^{1.5}$$

where P = Perimeter of Grate

$$P = 2 \times 39.5 \text{ in} + 2 \times 24.5 \text{ in}$$

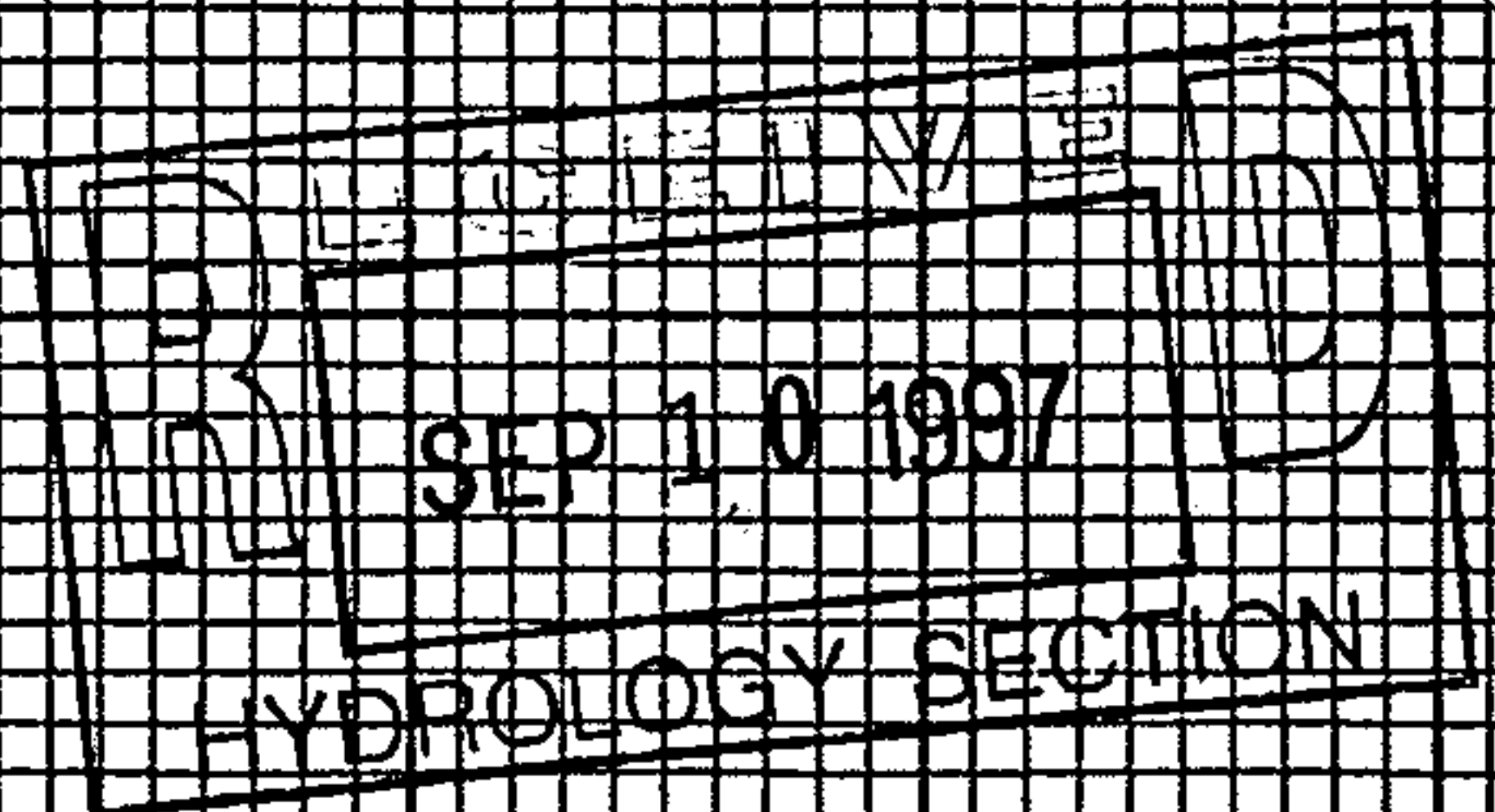
$$C_w = 3.0$$

$$= 10.66 \text{ Ft}$$

 d = depth of water above grate

$$Q_i = 3 \times 10.66 \times [0.5]^{1.5}$$

$$= 11.19 \text{ cfs} > 0.94 \text{ cfs}$$

 $\therefore$ OK

Worksheet

Worksheet for Circular Channel

Project Description	
Project File	c:\haestad\fmw\project2.fm2
Worksheet	John Marshall
Flow Element	Circular Channel
Method	Manning's Formula
Solve For	Channel Depth

Input Data		
Mannings Coefficient	0.013	
Channel Slope	0.015000	ft/ft
Diameter	18.00	in
Discharge	0.94	cfs

Results		
Depth	0.27	ft
Flow Area	0.22	ft ²
Wetted Perimeter	1.33	ft
Top Width	1.16	ft
Critical Depth	0.36	ft
Percent Full	18.30	
Critical Slope	0.004947	ft/ft
Velocity	4.25	ft/s
Velocity Head	0.28	ft
Specific Energy	0.55	ft
Froude Number	1.71	
Maximum Discharge	13.84	cfs
Full Flow Capacity	12.86	cfs
Full Flow Slope	0.000080	ft/ft
Flow is supercritical.		

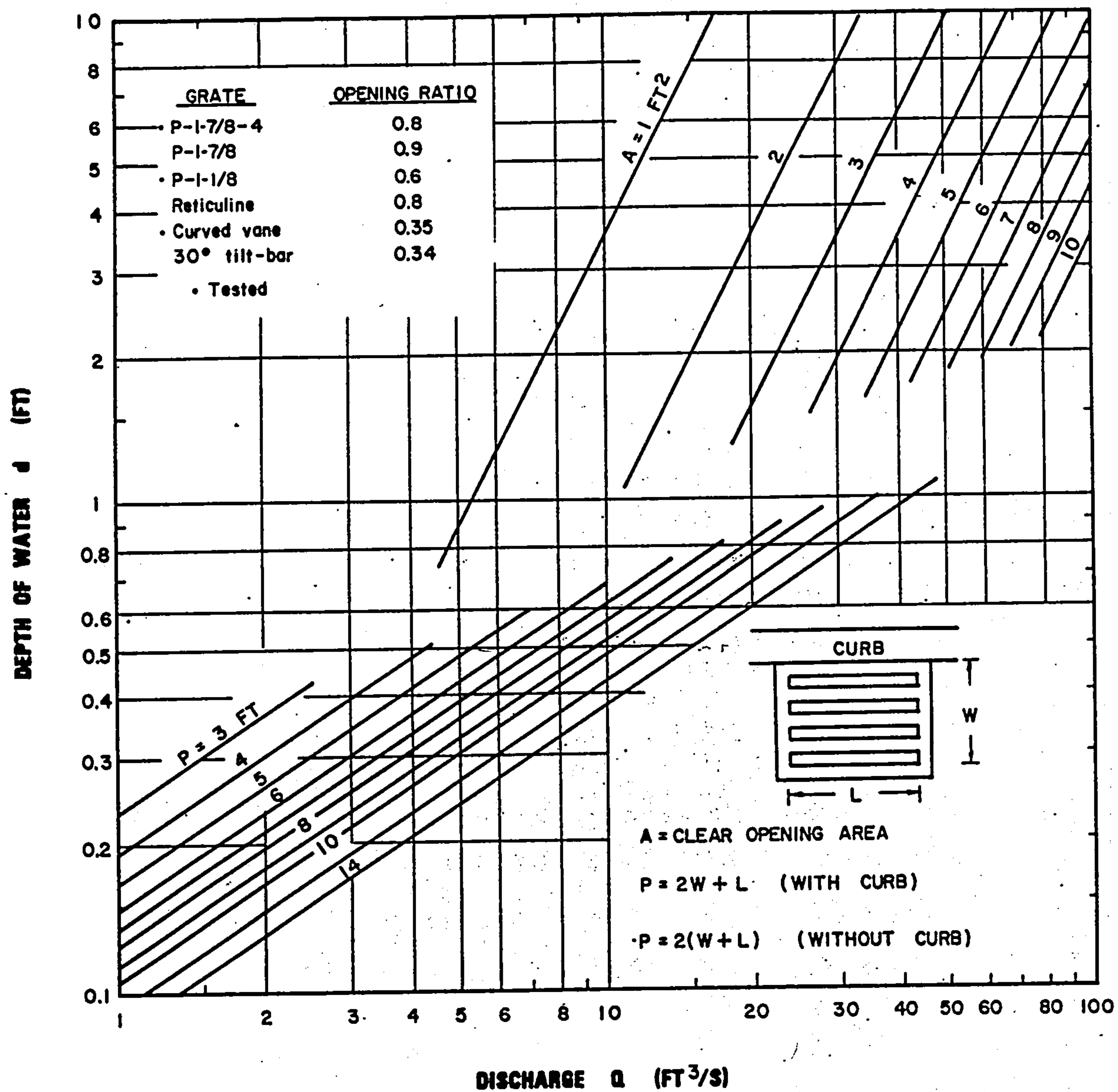
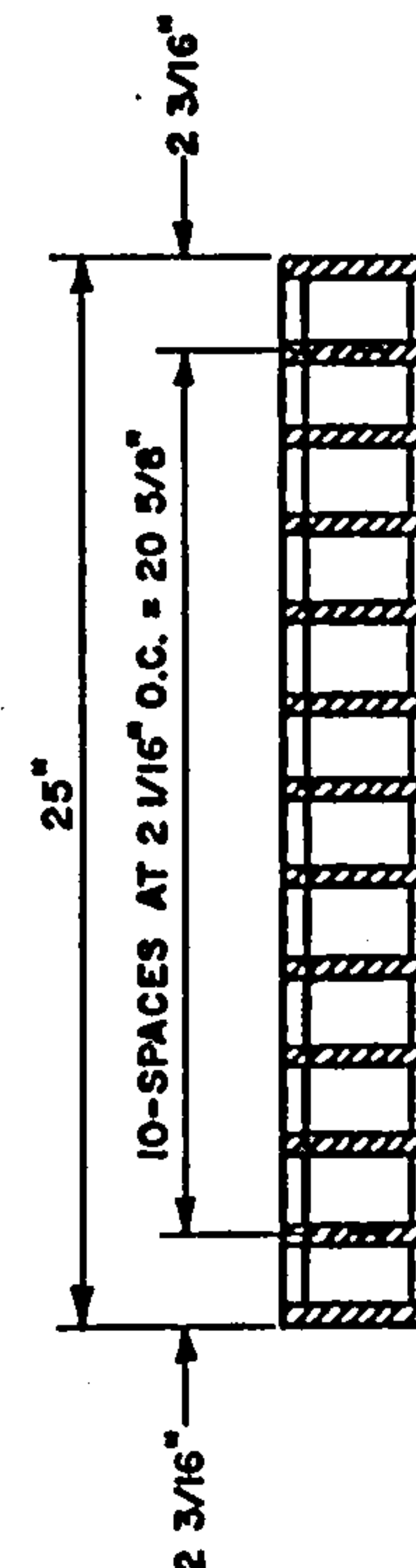
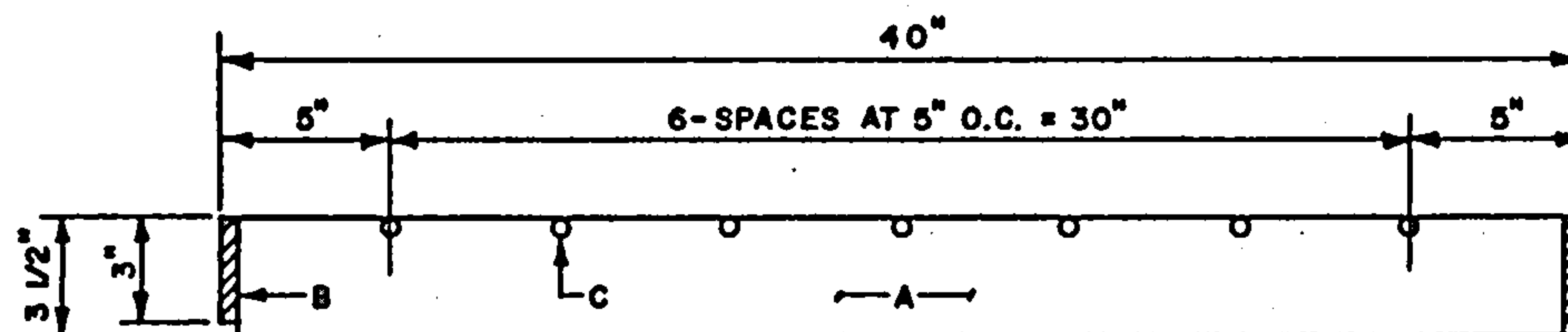
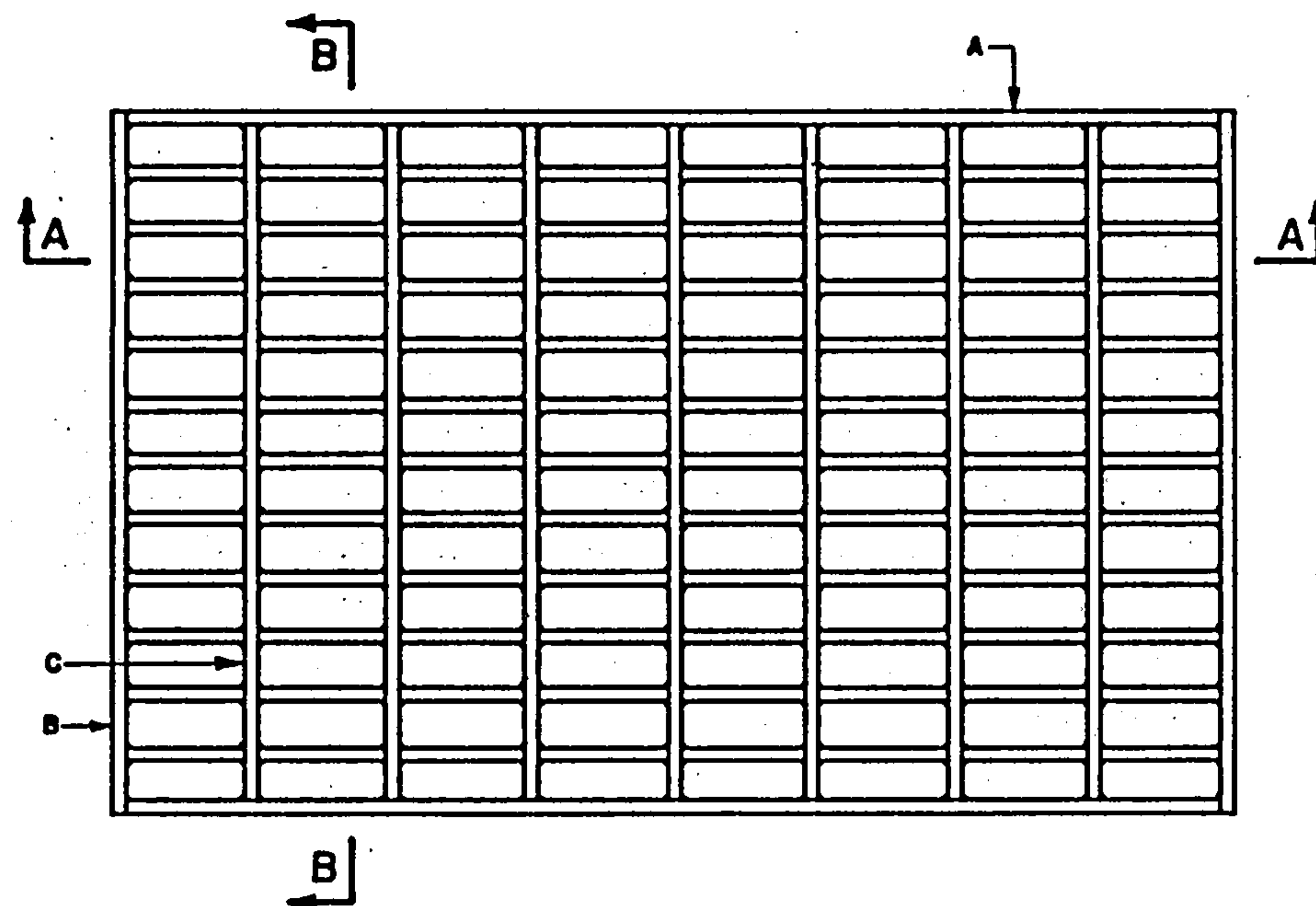


CHART 11. Grate inlet capacity in sump conditions.



GENERAL NOTES:

1. ALL BARS SHALL BE STRUCTURAL GRADE STEEL, GRADE A36.
2. THE GRATE SHALL BE WELDED WITH 1/8" FILLET WELD AROUND BOTH SIDES OF CROSS BARS, 1/4". FILLET WELD BOTH SIDES OF BEARING BARS TO END BARS.
3. AFTER CLEANING SURFACE OF SCALE, RUST, OILS, ETC., PAINT GRATE WITH ONE SHOP COAT RED OXIDE, TWO FINISH COATS ALUMINUM PAINT (AASHTO M 69).
4. TOP OF CROSS BARS SHALL BE FLUSH WITH TOP OF GRATE.
5. GRIND WELDS FLUSH WITH BEARING BARS.
6. WHEN INSTALLED IN FRAME, PUSH TIGHT TO ONE SIDE, OTHER SIDE SHALL HAVE 1/2" MAX. OPENING. SPACERS WELDED TO FRAME MAY BE USED IF REQUIRED TO KEEP 1/2" SPACE OR LESS.

CONSTRUCTION NOTES:

- A. BEARING BARS, (13) 1/2" X 3 1/2" X 39".
- B. END BARS, (2) 1/2" X 3" X 25".
- C. CROSS BARS, (7) 1/2" DIA. X 24".

REVISIONS	CITY OF ALBUQUERQUE	
	DRAINAGE STORM INLET ALBUQUERQUE GRATE DWG. 2220	

AUG. 1986