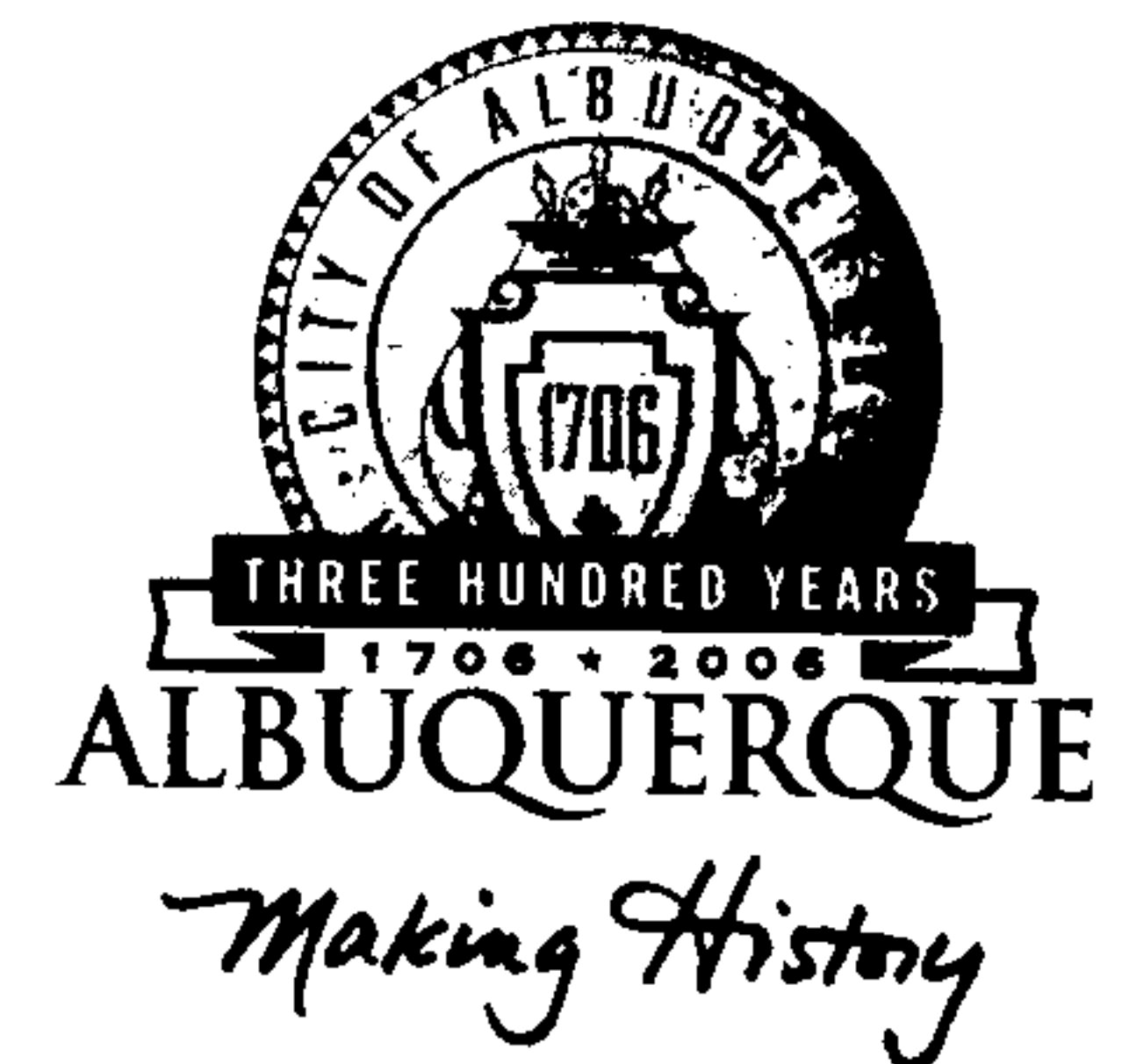


CITY OF ALBUQUERQUE



January 5, 2005

Gregory J. Krenik, PE
Mark Goodwin & Associates
P.O. 90606
Albuquerque, NM 87199

Re: Sunray Construction Grading and Drainage Plan
Engineer's Stamp dated 12-28-04 (H15/D60)

Dear Mr. Krenik,

Based upon the information provided in your submittal dated 12-28-04, the above referenced plan is approved for Paving Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Upon completion of the project, please provide an Engineer Certification per the DPM checklist for our records.

If you have any questions, you can contact me at 924-3986.

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

Sincerely,

Bradley L. Bingham
Bradley L. Bingham, PE
Principal Engineer, Planning Dept.
Development and Building Services

C: file

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

H-15/D60

PROJECT TITLE:	La Quinta Suites/ Sunray Construction, Inc	ZONE MAP/DRG #:	H-15 / H-16
DRB#:		EPC #:	
LEGAL DESCRIPTION:	Tract 4-A-1 Manual Development Area & Tract B-1-A Manual Development Area		
CITY ADDRESS:			
ENGINEERING FIRM:	Mark Goodwin & Associates, PA	CONTACT:	Gregory J. Krenik. P.E.
ADDRESS:	PO Box 90606	PHONE:	828-2200
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87199
OWNER:	Dreamcatcher, LLC	CONTACT:	Deepesh Kholwadwala
ADDRESS:	9105 Macallen Road NE	PHONE:	238-9381
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87109
ARCHITECT:		CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	
SURVEYOR:	Harris Surveying, Inc.	CONTACT:	Tony Harris
ADDRESS:	2412-D Monroe St NE	PHONE:	889-8056
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87110
CONTRACTOR:		CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	

CHECK TYPE OF SUBMITTAL:

- | | |
|-------------------------------------|--|
| <input type="checkbox"/> | DRAINAGE REPORT |
| <input type="checkbox"/> | DRAINAGE PLAN 1 ST SUBMITTAL, req. TCL or equal |
| <input type="checkbox"/> | DRAINAGE PLAN RESUBMITTAL |
| <input type="checkbox"/> | CONCEPTUAL GRADING & DRAINAGE PLAN |
| <input checked="" type="checkbox"/> | GRADING PLAN |
| <input type="checkbox"/> | EROSION CONTROL PLAN |
| <input type="checkbox"/> | ENGINEER'S CERTIFICATION (HYDROLOGY) |
| <input type="checkbox"/> | CLOMR/LOMR |
| <input type="checkbox"/> | TRAFFIC CIRCULATION LAYOUT (TCL) |
| <input type="checkbox"/> | ENGINEER'S CERTIFICATION (TCL) |
| <input type="checkbox"/> | ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN) |
| <input type="checkbox"/> | OTHER |

CHECK TYPE OF APPROVAL SOUGHT:

- | | |
|-------------------------------------|--|
| <input type="checkbox"/> | SIA / FINANCIAL GUARANTEE RELEASE |
| <input type="checkbox"/> | PRELIMINARY PLAT APPROVAL |
| <input type="checkbox"/> | S. DEV. PLAN FOR SUB'D. APPROVAL |
| <input type="checkbox"/> | S. DEV. PLAN FOR BLDG. PERMIT APPROVAL |
| <input type="checkbox"/> | SECTOR PLAN APPROVAL |
| <input type="checkbox"/> | FINAL PLAT APPROVAL |
| <input type="checkbox"/> | FOUNDATION PERMIT APPROVAL |
| <input type="checkbox"/> | BUILDING PERMIT APPROVAL |
| <input type="checkbox"/> | CERTIFICATE OF OCCUPANCY (PERM) |
| <input type="checkbox"/> | CERTIFICATE OF OCCUPANCY (TEMP) |
| <input type="checkbox"/> | GRADING PERMIT APPROVAL |
| <input checked="" type="checkbox"/> | PAVING PERMIT APPROVAL |
| <input type="checkbox"/> | WORK ORDER APPROVAL |
| <input type="checkbox"/> | OTHER (specify) |

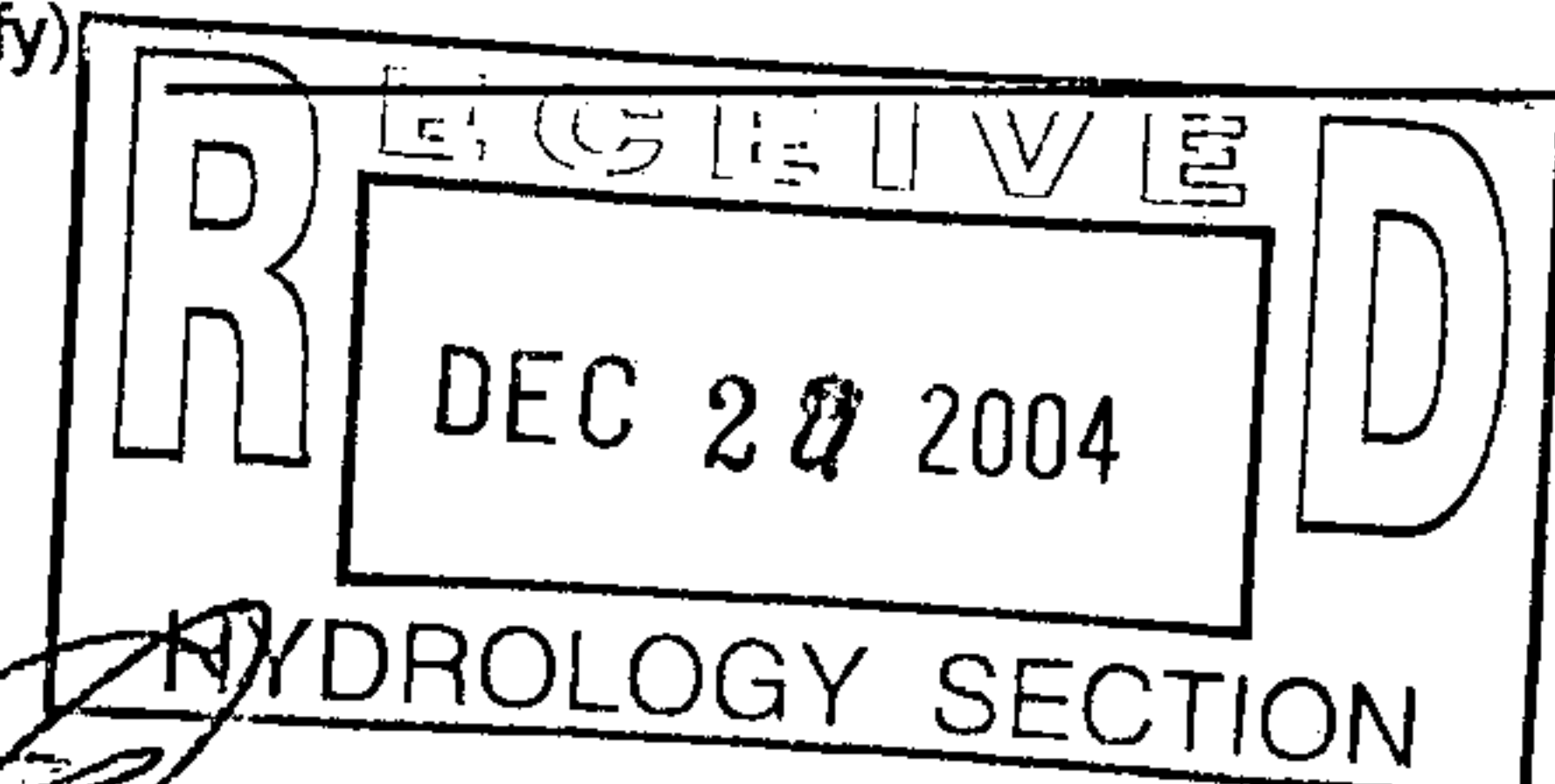
WAS A PRE-DESIGN CONFERENCE ATTENDED?

- | | |
|-------------------------------------|---------------|
| <input checked="" type="checkbox"/> | YES |
| <input type="checkbox"/> | NO |
| <input type="checkbox"/> | COPY PROVIDED |

DATE SUBMITTED: 12/28/2004

BY:

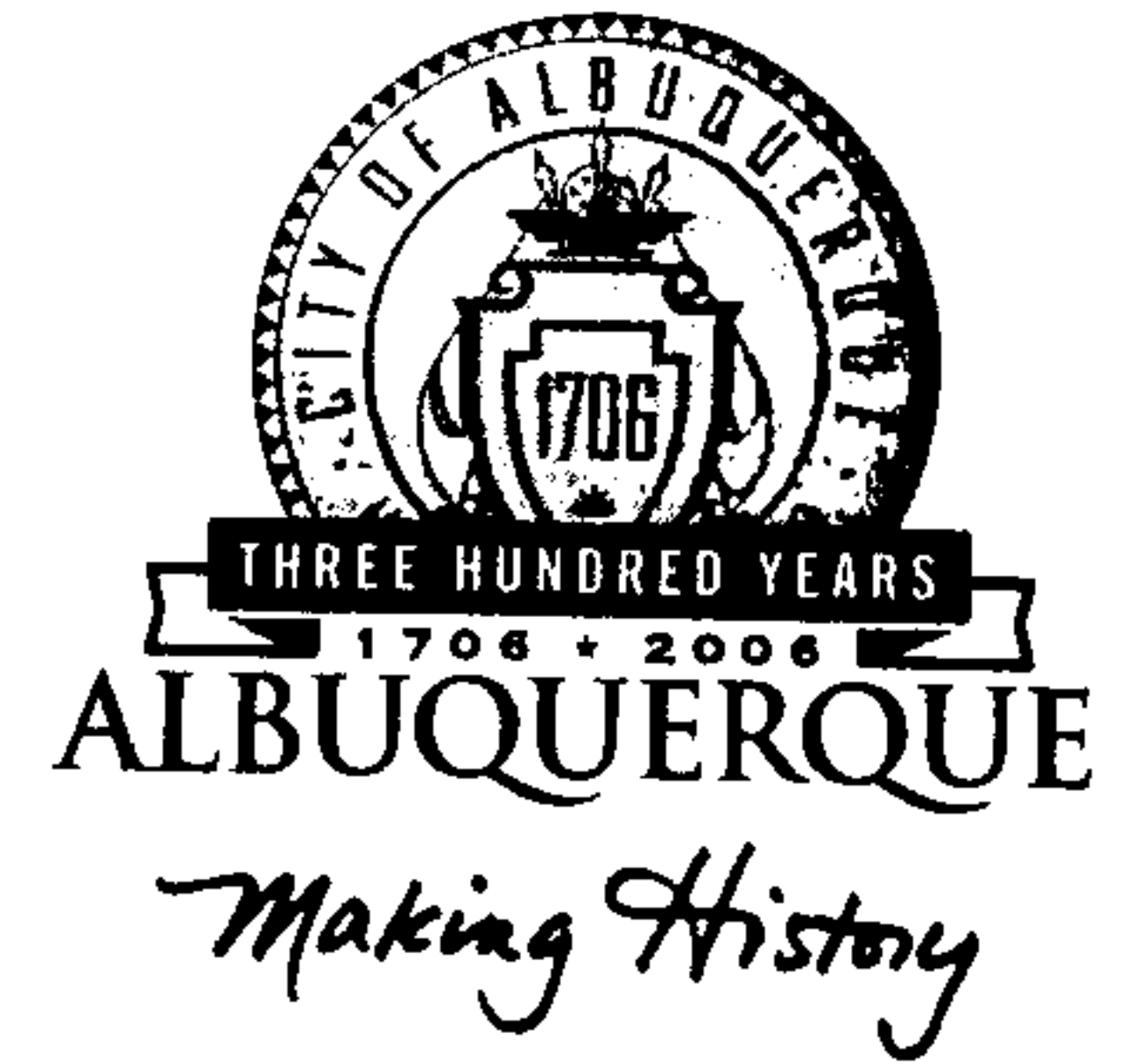
Gregory J. Krenik, PE



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



**Planning Department
Transportation Development Services Section**

October 15, 2004

Stephen C. Day, Registered Architect
P.O. Box 2226
Corrales, NM 87048

Re: Certification Submittal for Final Building Certificate of Occupancy for
La Quinta Suites, [H-15 / D60]
2011 Menaul NE
Architect's Stamp Dated 10/14/04

Dear Mr. Day:

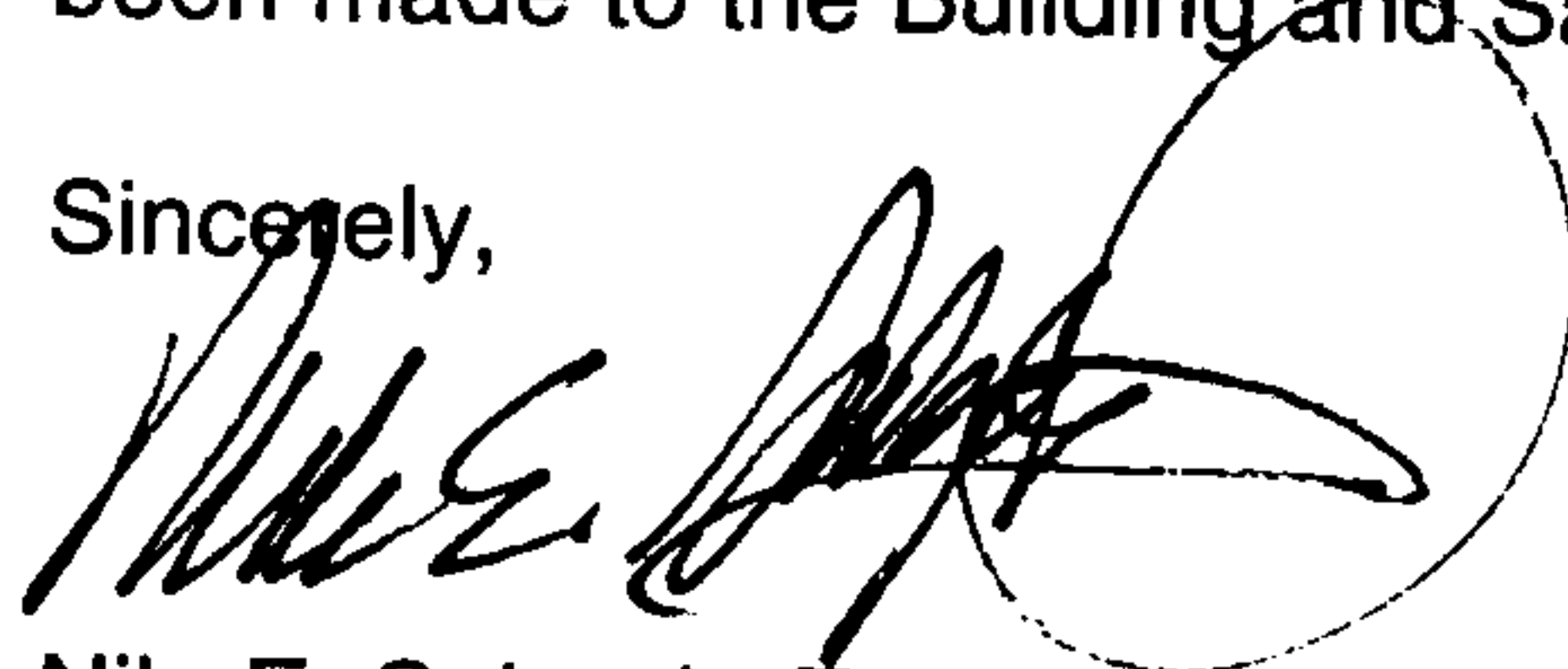
P.O. Box 1293

The TCL / Letter of Certification submitted on October 14, 2004 is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to the Building and Safety Section.

Albuquerque

Sincerely,

New Mexico 87103


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

www.cabq.gov

c: Engineer
Hydrology file
CO Clerk

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

H-15/D060

PROJECT TITLE: LA QUINTA SUITES

DRB #: _____

EPC#: _____

ZONE MAP/DRG. FILE #: H-16

WORK ORDER#: _____

LEGAL DESCRIPTION: TRACT 4-A-1, MENAUC DEVELOPMENT AREA.

CITY ADDRESS: 2211 MENAUC BLVD, NE

ENGINEERING FIRM: MARK GOODWIN + ASSOC

ADDRESS: P.O. BOX 90606
CITY, STATE: ALBUQUERQUE, NM

CONTACT: GREG KREMLK

PHONE: 505-828-2200

ZIP CODE: 87199

OWNER: DREAM CATCHER

ADDRESS: 9105 MACALLAN NE
CITY, STATE: ALBUQUERQUE, NM

CONTACT: DEEPAH KHALWADALA

PHONE: 505-284-3683

ZIP CODE: 87109

ARCHITECT: STEPHEN C. DAY, ARCHITECT

ADDRESS: P.O. BOX 2226
CITY, STATE: CORRAL GOS, NM

CONTACT: STEPHEN C. DAY

PHONE: 505-898-3774

ZIP CODE: 87048

SURVEYOR: HARRIS SURVEYING

ADDRESS: 2412-D MORRIS NE
CITY, STATE: _____

CONTACT: TOMY HARRIS

PHONE: 505-889-8056

ZIP CODE: 87110

CONTRACTOR: AMERICAN CONSTRUCTION

ADDRESS: 5669 NORTH ORACLE
CITY, STATE: TUCSON, AZ

CONTACT: BOB GRANT

PHONE: 520-297-4400

ZIP CODE: 85704

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:

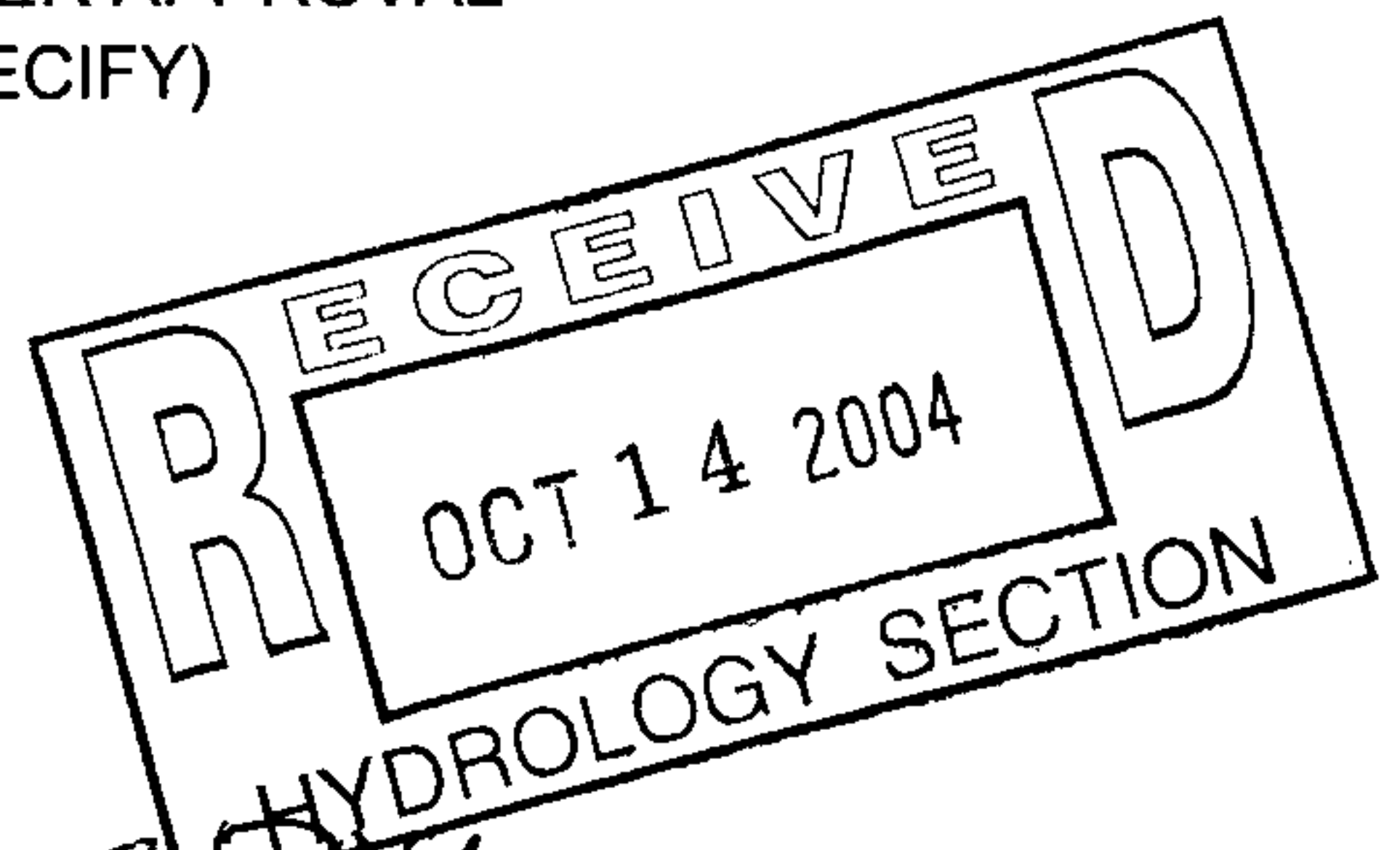
- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D. APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY (PERM.)
- ☐ CERTIFICATE 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: 10.14.04

BY: STEPHEN C. DAY



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.

October 14, 2004

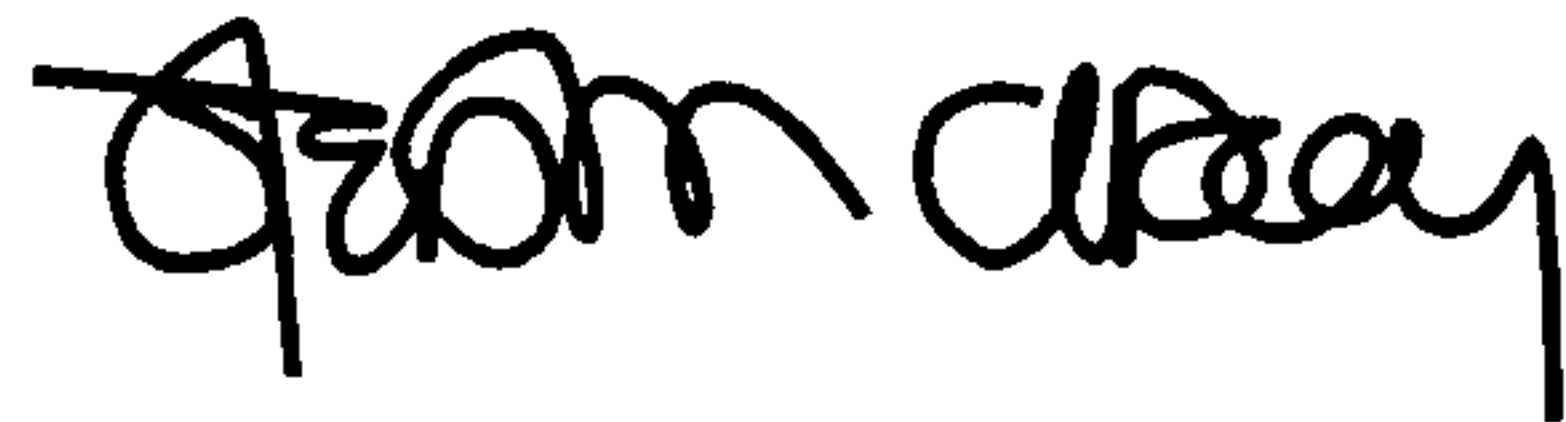
Richard Dourte
Development and Building Services
Planning Department
City of Albuquerque
P.O. Box 1293
Albuquerque, New Mexico
87103

TRAFFIC CONTROL LAYOUT - LA QUINTA SUITES, 2011 MENAUL, ALBUQUERQUE, NM

Dear Mr. Dourte:

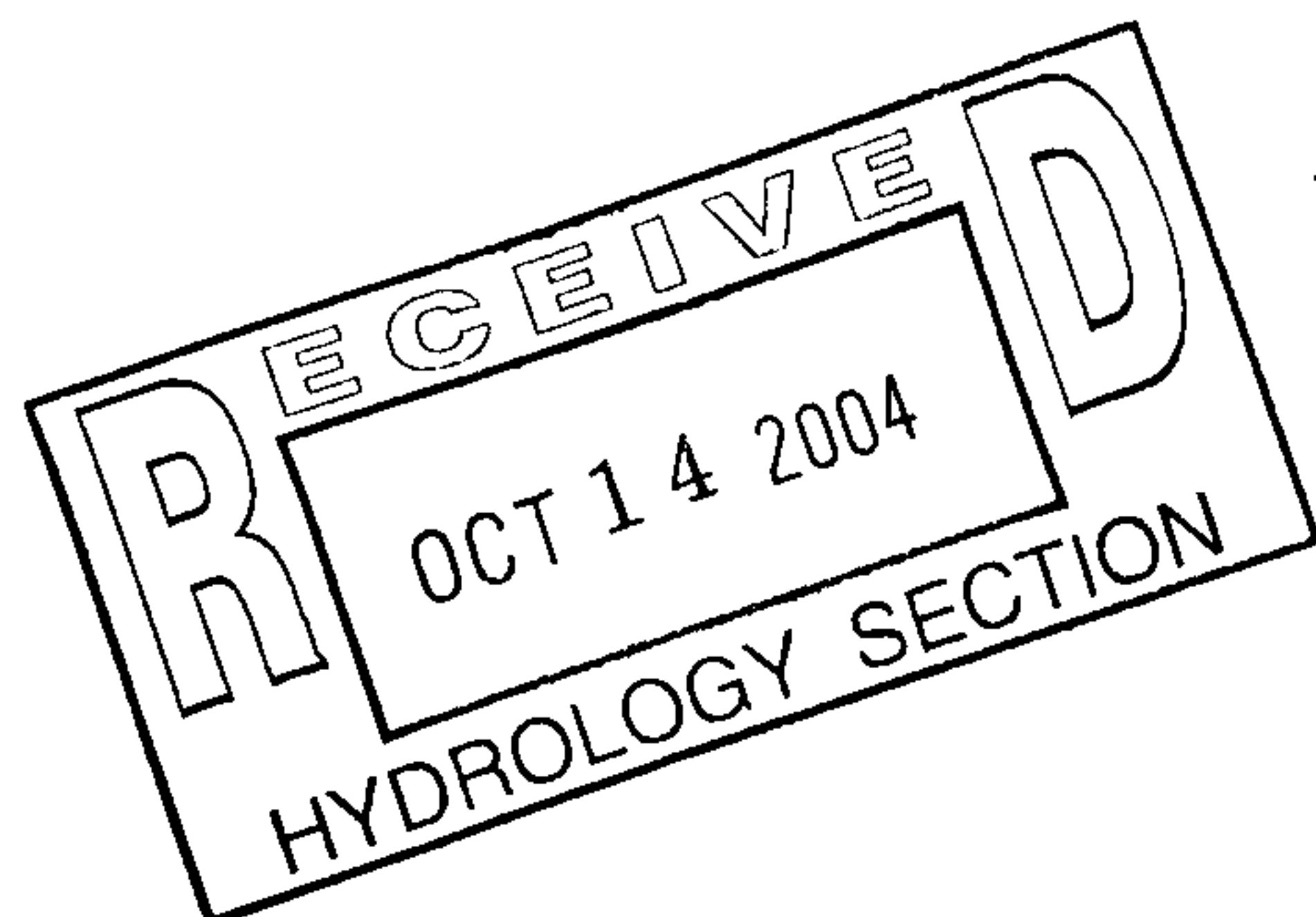
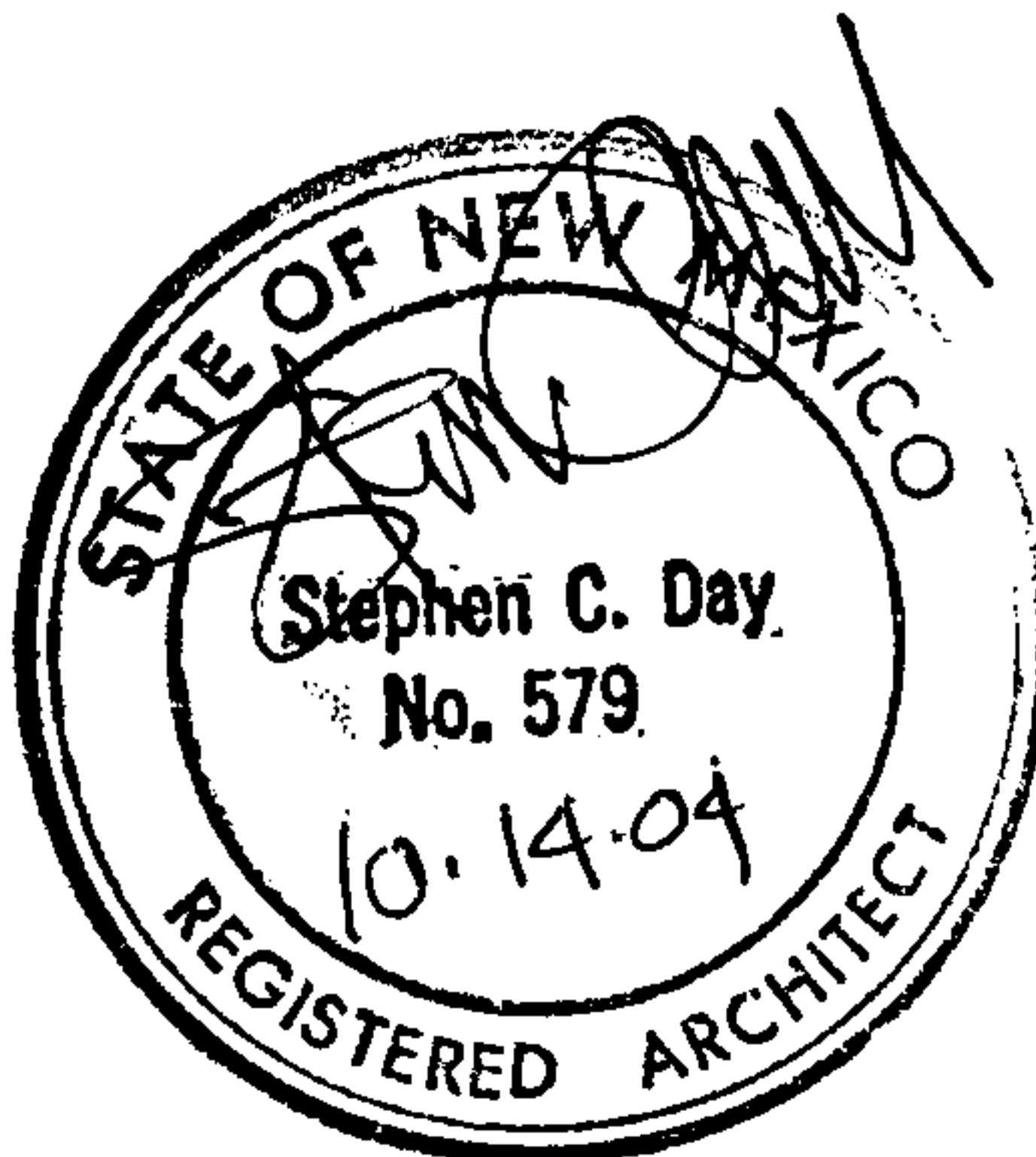
This letter will certify that I have inspected the site and that the work has been completed in substantial compliance with the attached TCL.

Sincerely



Stephen C. Day
Architect

Cc: Deepesh Khowadala



STEPHEN C. DAY
ARCHITECT

P.O. BOX 2226
104 SKYLARK LANE
CORRALES, NEW MEXICO
87004

VOICE 505.898.5774
FAX 505.898.9015
CELL 505.260.7000

STEPHENCDA@LOBO.NET



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Planning Department

Transportation Development Services Section

February 7, 2003

Stephen C. Day, Registered Architect
PO Box 2226
Corrales NM 87048

Re: Traffic Circulation Layout (TCL) Submittal for Building Permit Approval for
La Quinta Suites, [H15 / D60]
2011 Manual NE
Architect's Stamp Dated 9-07-02

Dear Mr. Day:

The TCL submittal, dated February 3, 2003 is approved stamped and signed as such. Three copies will be required: one for each of the building permit plan sets and one to be kept by you to be used for certification of the site for final C.O. for Hydrology/Transportation.

A copy of the approved TCL, marked up, showing incomplete work remaining, along with a letter of certification is required prior to issuance of Temporary C.O.

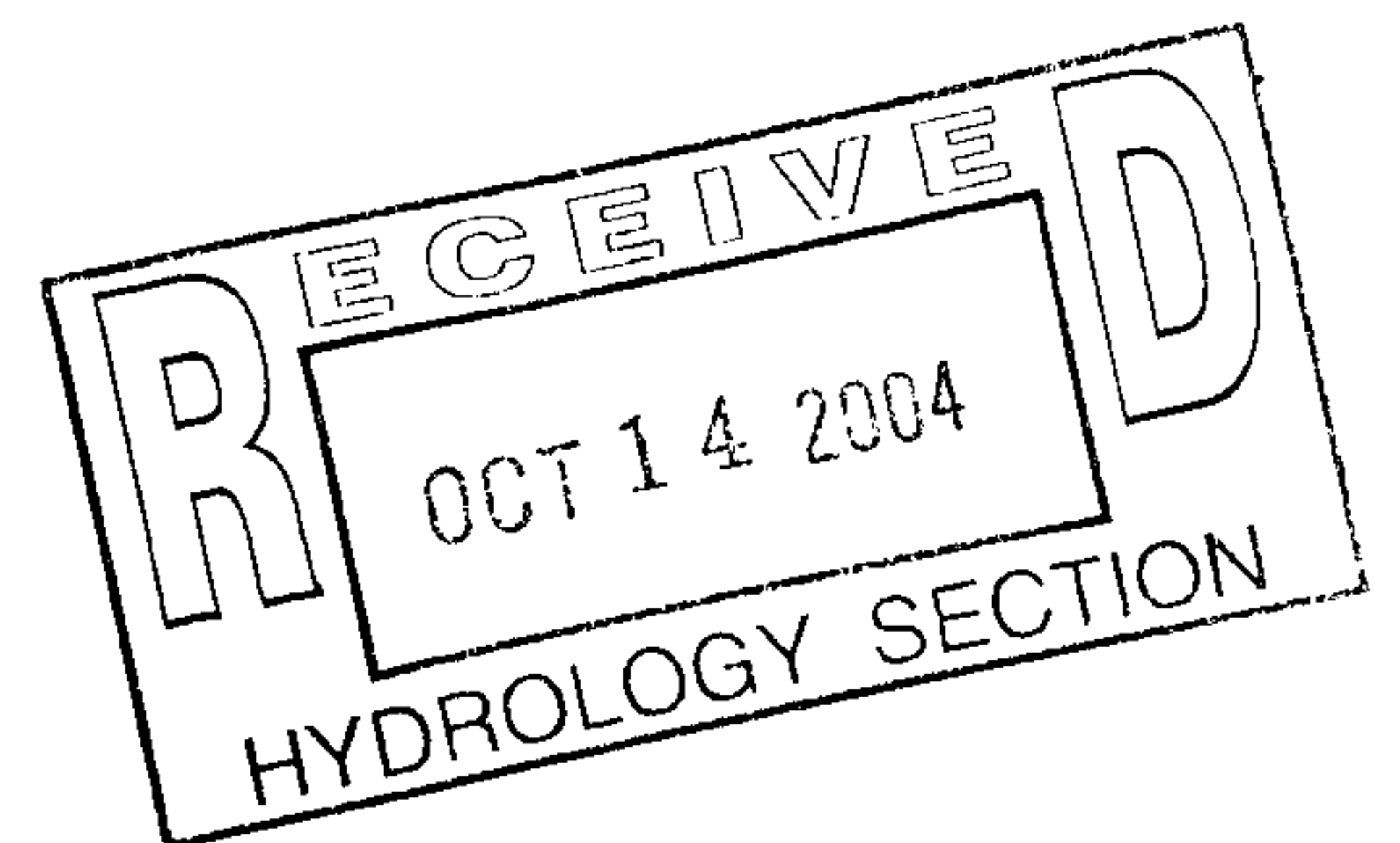
When site is complete and a Final C.O. is needed, a Letter of Certification, stating site was built in substantial compliance, needs to be attached to your stamped approved TCL letter or TCL must be stamped with the designer's seal for the certification. Seal must be signed and dated for that submittal. This and all documentation must be submitted with a completed Drainage and Transportation Information Sheet 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 Final C.O. has been issued to the superintendent, call Building Safety at 924-3306.

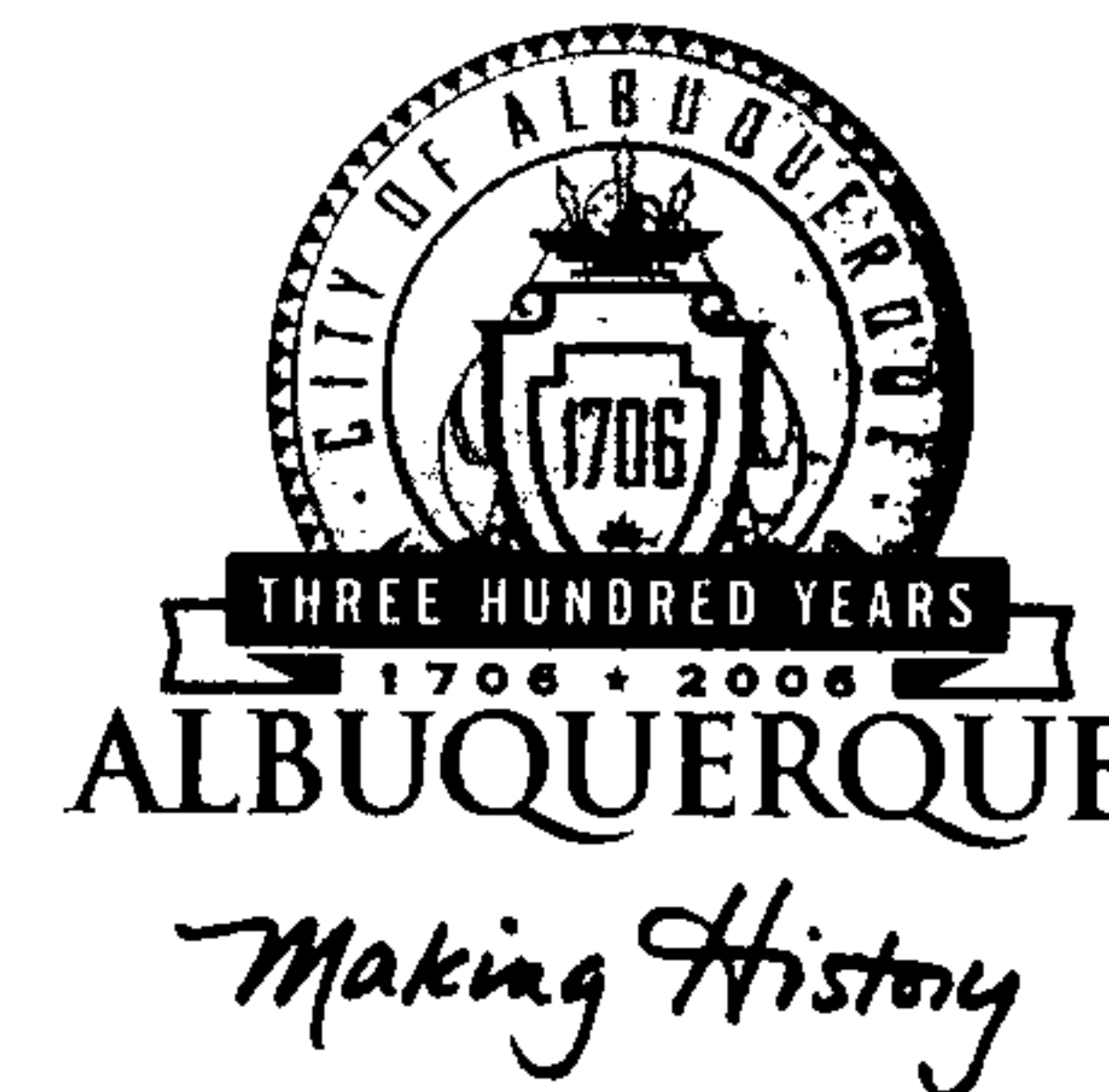
Sincerely,

Richard Dourte
Development and Building Services
Planning Department

c: Hydrology file
File



CITY OF ALBUQUERQUE



September 24, 2004

Mr. Greg Krenik, P.E.
MARK GOODWIN & ASSOCIATES
P.O. Box 90606
Albuquerque, NM 87199

Re: LA QUINTA SUITES
2011 Menaul Blvd. NE
Approval of Permanent Certificate of Occupancy (C.O.)
Engineer's Stamp dated 09/06/2002 (C-17/D116)
Certification dated 09/23/2004

P.O. Box 1293

Dear Greg,

Albuquerque

Based upon the information provided in your submittal received 09/24/2004, the above referenced certification is approved for release of Permanent Certificate of Occupancy by Hydrology

New Mexico 87103

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

Sincerely,

Arlene V. Portillo
Plan Checker, Planning Dept. - Hydrology
Development and Building Services

www.cabq.gov

C: Phyllis Villanueva
File

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

PROJECT TITLE:	La Quinta Suites	ZONE MAP/DRG #:	H-15/D060
DRB#:	EPC #:	W.O.#:	
LEGAL DESCRIPTION:	Tract 4-A-1 Manual Development Area		
CITY ADDRESS:			
ENGINEERING FIRM:	Mark Goodwin & Associates, PA	CONTACT:	Gregory J. Krenik, P.E.
ADDRESS:	PO Box 90606	PHONE:	828-2200
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87199
OWNER:	Kholwad Brothers Partnership	CONTACT:	Steve Day
ADDRESS:	5712 Iliff Road NW	PHONE:	898-3774
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87105
ARCHITECT:		CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	
SURVEYOR:	Harris Surveying, Inc.	CONTACT:	Tony Harris
ADDRESS:	2412-D Monroe St NE	PHONE:	889-8056
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87110
CONTRACTOR:		CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	

CHECK TYPE OF SUBMITTAL:

- | | |
|-------------------------------------|--|
| <input type="checkbox"/> | DRAINAGE REPORT |
| <input type="checkbox"/> | DRAINAGE PLAN 1 ST SUBMITTAL, req. TCL or equal |
| <input type="checkbox"/> | DRAINAGE PLAN RESUBMITTAL |
| <input type="checkbox"/> | CONCEPTUAL GRADING & DRAINAGE PLAN |
| <input type="checkbox"/> | GRADING PLAN |
| <input type="checkbox"/> | EROSION CONTROL PLAN |
| <input checked="" type="checkbox"/> | ENGINEER'S CERTIFICATION (HYDROLOGY) |
| <input type="checkbox"/> | CLOMR/LOMR |
| <input type="checkbox"/> | TRAFFIC CIRCULATION LAYOUT (TCL) |
| <input type="checkbox"/> | ENGINEER'S CERTIFICATION (TCL) |
| <input type="checkbox"/> | ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN) |
| <input type="checkbox"/> | OTHER |

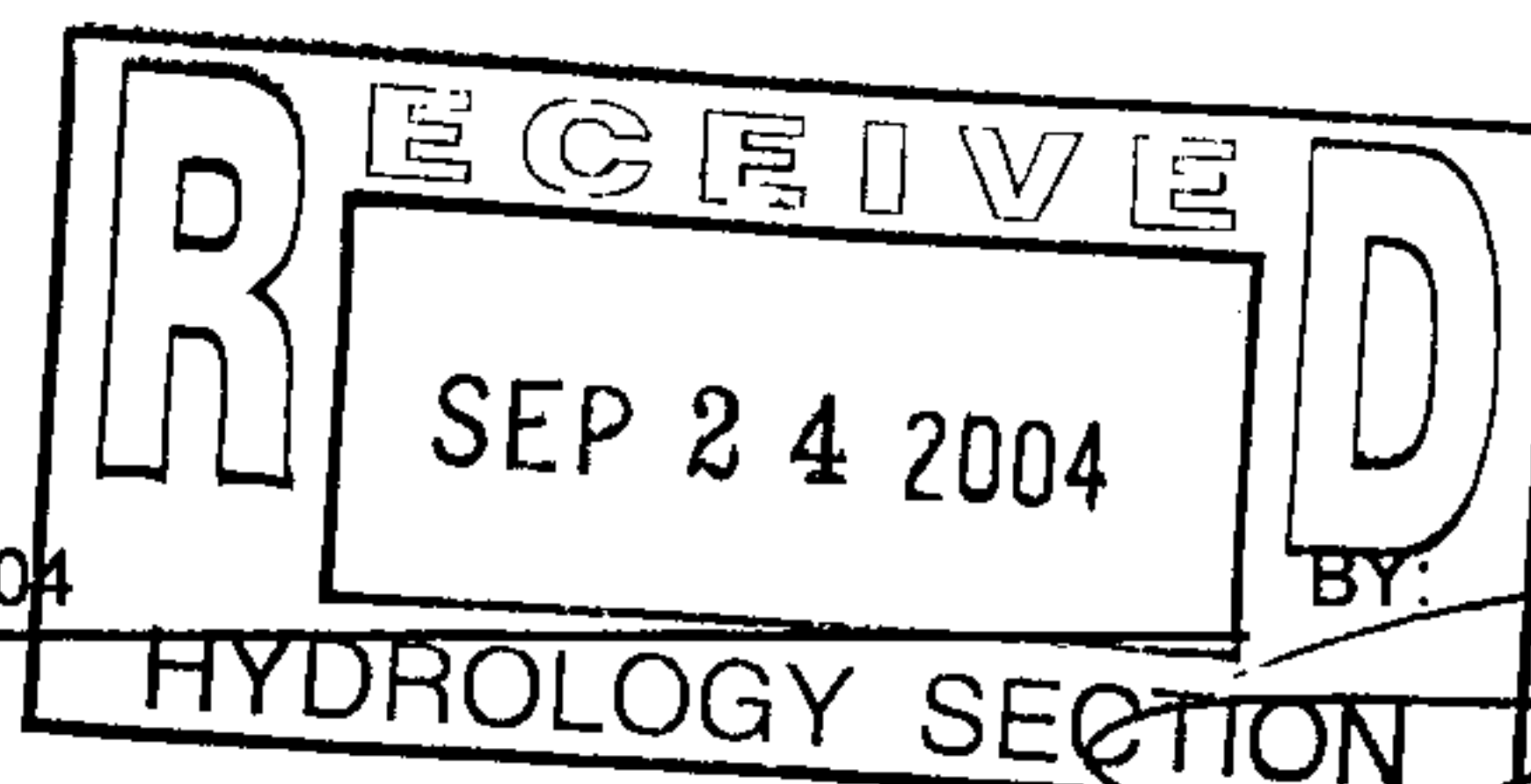
CHECK TYPE OF APPROVAL SOUGHT:

- | | |
|-------------------------------------|--|
| <input type="checkbox"/> | SIA / FINANCIAL GUARANTEE RELEASE |
| <input type="checkbox"/> | PRELIMINARY PLAT APPROVAL |
| <input type="checkbox"/> | S. DEV. PLAN FOR SUB'D. APPROVAL |
| <input type="checkbox"/> | S. DEV. PLAN FOR BLDG. PERMIT APPROVAL |
| <input type="checkbox"/> | SECTOR PLAN APPROVAL |
| <input type="checkbox"/> | FINAL PLAT APPROVAL |
| <input type="checkbox"/> | FOUNDATION PERMIT APPROVAL |
| <input type="checkbox"/> | BUILDING PERMIT APPROVAL |
| <input checked="" type="checkbox"/> | CERTIFICATE OF OCCUPANCY (PERM) |
| <input type="checkbox"/> | CERTIFICATE OF OCCUPANCY (TEMP) |
| <input type="checkbox"/> | GRADING PERMIT APPROVAL |
| <input type="checkbox"/> | PAVING PERMIT APPROVAL |
| <input type="checkbox"/> | WORK ORDER APPROVAL |
| <input type="checkbox"/> | OTHER (specify) _____ |

WAS A PRE-DESIGN CONFERENCE ATTENDED?

- | | |
|-------------------------------------|---------------|
| <input checked="" type="checkbox"/> | YES |
| <input type="checkbox"/> | NO |
| <input type="checkbox"/> | COPY PROVIDED |

DATE SUBMITTED: 09/23/2004



BY: Gregory J. Krenik, PE

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

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 7, 2003

Gregory Krenik, P.E.
Mark Goodwin & Assoc.
P.O. Box 90606
Albuquerque, New Mexico 87199

RE: LA QUINTA SUITES (H-15/D60)
GRADING AND DRAINAGE PLAN FOR BUILDING PERMIT
ENGINEERS STAMP DATED 9/6/2002

Dear Greg

Based upon the information provided in your resubmittal dated 2/6/2003, the referenced Grading and Drainage Plan is approved for Building Permit.

Prior to any grading of the site, a Top Soil Disturbance Permit from the Environmental Health Department is required.

Prior to release of the Certificate of Occupancy, an Engineer's Certification of the grading and drainage plan per the DPM checklist will be required.

If I can be of further assistance, please feel free to contact me at 924-3986.

Sincerely,

Bradley L. Bingham, P.E.
Senior Civil Engineer Hydrology
Development & Building Services Division

c: drainage file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV.1/11/2002)

H-15/D60

PROJECT TITLE: La Quinta Suites

ZONE MAP/DRB.FILE#: H-15

DRB#: _____ EPC# _____

WORK ORDER#: _____

LEGAL DESCRIPTION: Tract 4-A-1 Manual Development Area

CITY ADDRESS: _____

ENGINEERING FIRM: Mark Goodwin & Associates, PA

CONTACT: Gregory J. Krenik

ADDRESS: P.O. Box 90606 Albuquerque NM 87119

PHONE: 828-2200

CITY, STATE: Albuquerque NM

ZIP CODE: 87119

OWNER: Kholwad Brothers Partnership

CONTACT: Steve Day

ADDRESS: 5712 Iliff Rd. NW

PHONE: 898-3774

CITY, STATE: Albuquerque NM

ZIP CODE: 87105

ARCHITECT: _____

CONTACT: _____

ADDRESS: _____

PHONE: _____

CITY, STATE: _____

ZIP CODE: _____

SURVEYOR: Harris Surveying Inc.

CONTACT: Tony Harris

ADDRESS: 2412-D Monroe St. NE

PHONE: 889-8056

CITY, STATE: Albuquerque NM

ZIP CODE: 87110

CONTRACTOR: _____

CONTACT: _____

ADDRESS: _____

PHONE: _____

CITY, STATE: _____

ZIP CODE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERTIFICATION (TCL)
- ☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
- ☒ OTHER *CHANGED SHEET NO. TO MATCH WORK ORDER SET OF PLANS.*

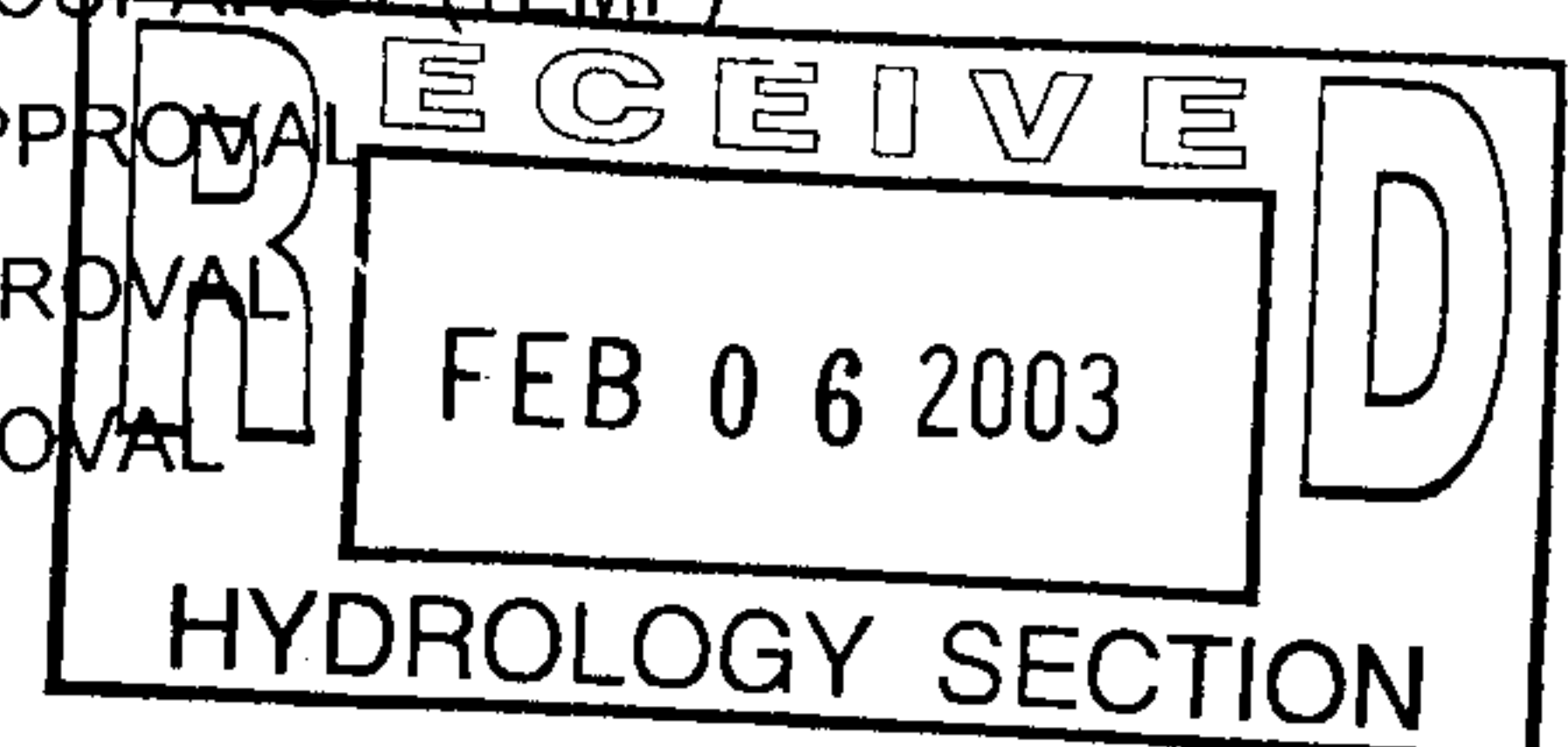
WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 2-5-03

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTY 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) _____



BY: _____

Gregory J. Krenik

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

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV.1/11/2002)

H-15/D60

PROJECT TITLE: La Quinta Suites

ZONE MAP/DRB.FILE#: H-15

DRB#: _____ EPC# _____

WORK ORDER#: _____

LEGAL DESCRIPTION: Tract 4-A-1 Manual Development Area

CITY ADDRESS: _____

ENGINEERING FIRM: Mark Goodwin & Associates, PA

CONTACT: Gregory J. Krenik

ADDRESS: P.O. Box 90606 Albuquerque NM 87119

PHONE: 828-2200

CITY, STATE: Albuquerque NM

ZIP CODE: 87119

OWNER: Kholwad Brothers Partnership

CONTACT: Steve Day

ADDRESS: 5712 Iliff Rd. NW

PHONE: 898-3774

CITY, STATE: Albuquerque NM

ZIP CODE: 87105

ARCHITECT: _____

CONTACT: _____

ADDRESS: _____

PHONE: _____

CITY, STATE: _____

ZIP CODE: _____

SURVEYOR: Harris Surveying Inc.

CONTACT: Tony Harris

ADDRESS: 2412-D Monroe St. NE

PHONE: 889-8056

CITY, STATE: Albuquerque NM

ZIP CODE: 87110

CONTRACTOR: _____

CONTACT: _____

ADDRESS: _____

PHONE: _____

CITY, STATE: _____

ZIP CODE: _____

TYPE OF SUBMITTAL:

- ☒ DRAINAGE REPORT *WITH LETTER*
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERTIFICATION (TCL)
- ☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ OTHER

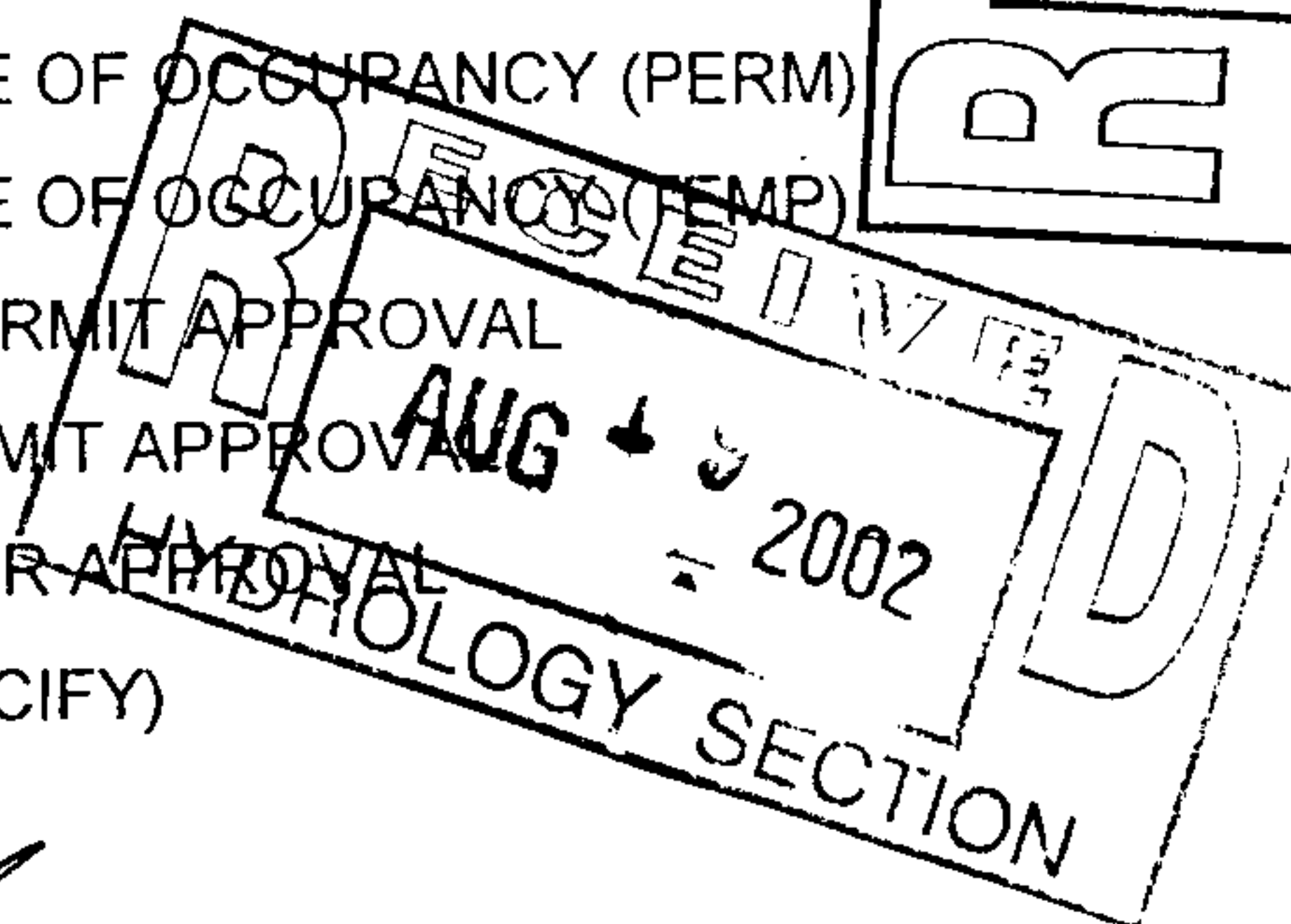
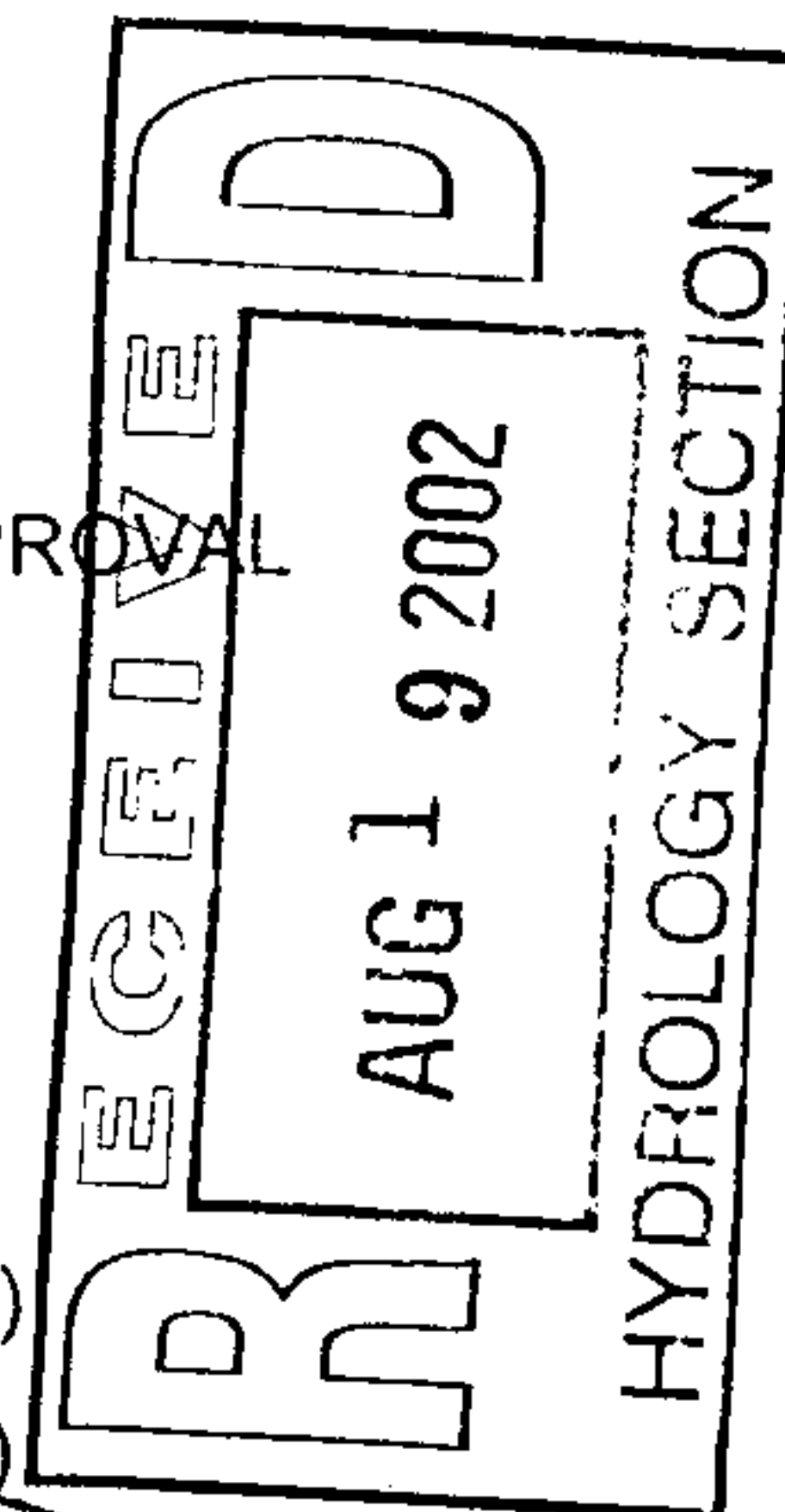
WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 8-16-02

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTY 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) _____



BY: Gregory J. Krenik

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



D. Mark Goodwin & Associates, P.A.
Consulting Engineers

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539
e-mail: dmgs@swcp.com

August 15, 2002

Bradley L. Bingham, PE
Sr. Engineer Planning Department
Hydrology Section
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

Re: La Qunita Suites - H15/D60

Dear Mr. Bingham:

This letter is an itemized response to your letter of July 19, 2002 and is part of the resubmittal.

- 1) I've shown the off-site drainage basin on the plan and included it in the revised drainage report.*
- 2) The Village Inn has water blocks preventing the flow from entering their site. See the attached partial Village Inn Grading & Drainage Plan in the report.*

Call me with any questions.

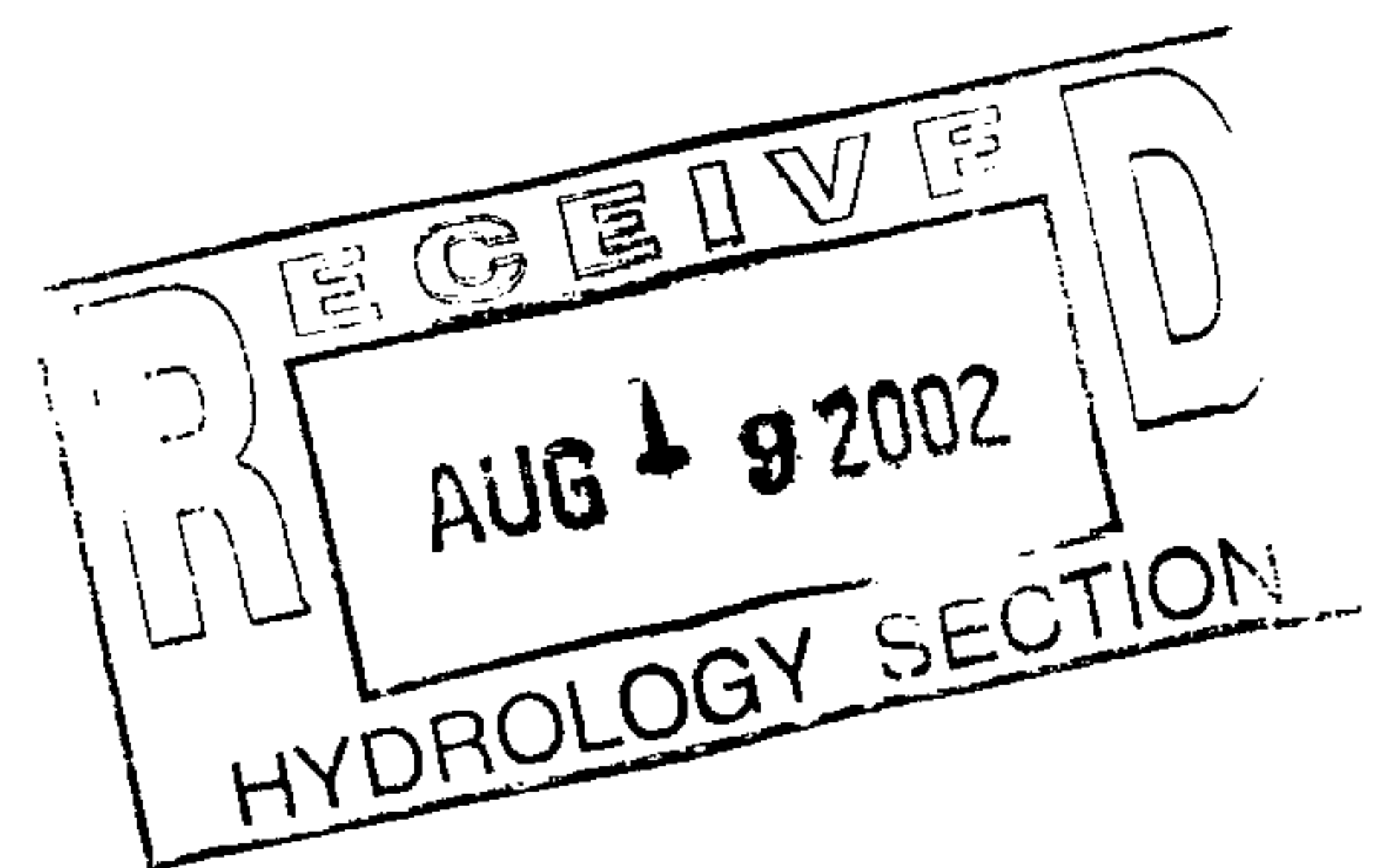
Sincerely,

MARK GOODWIN, & ASSOCIATES, PA



Gregory J. Krenik, PE
Vice President

GJK/bm

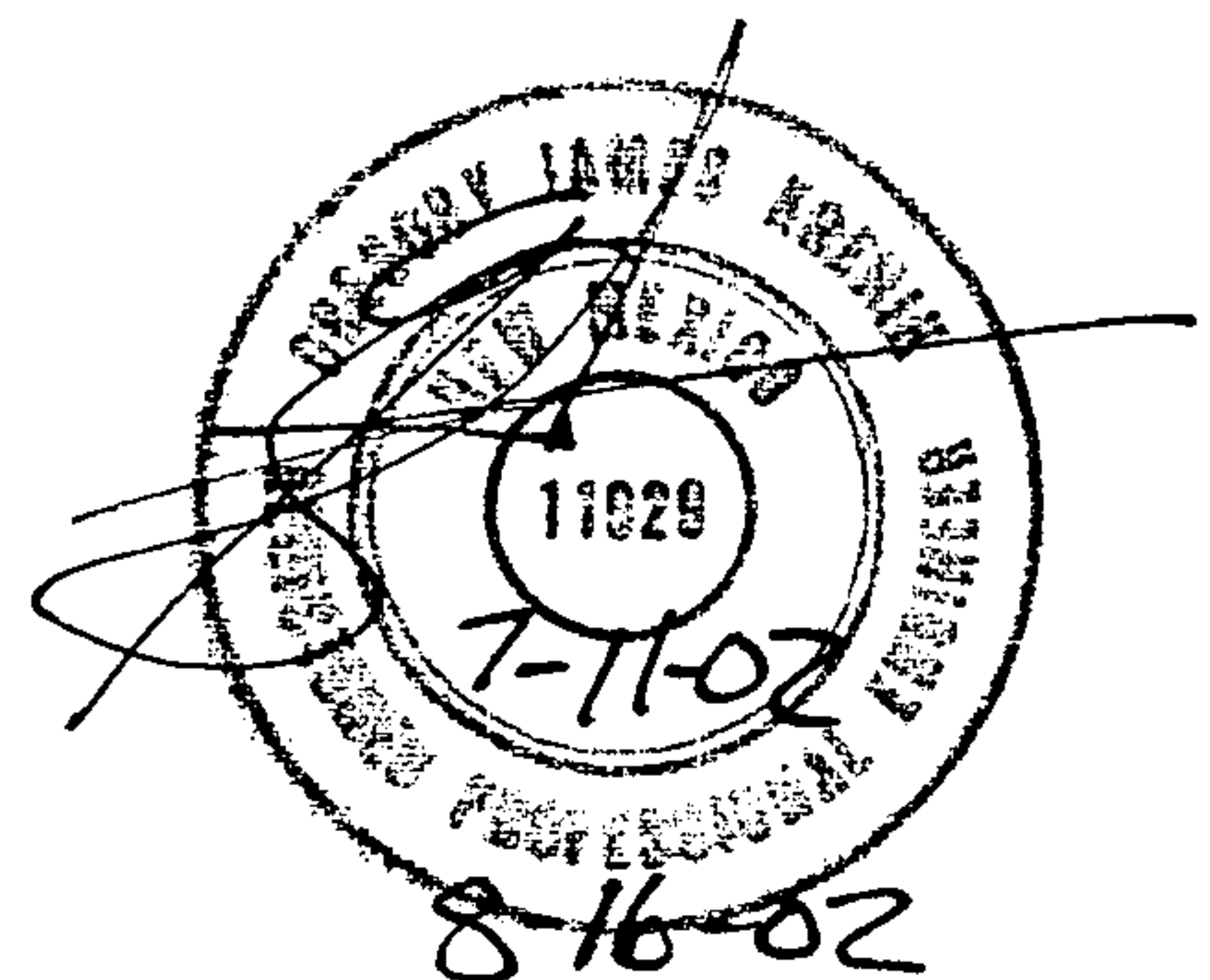


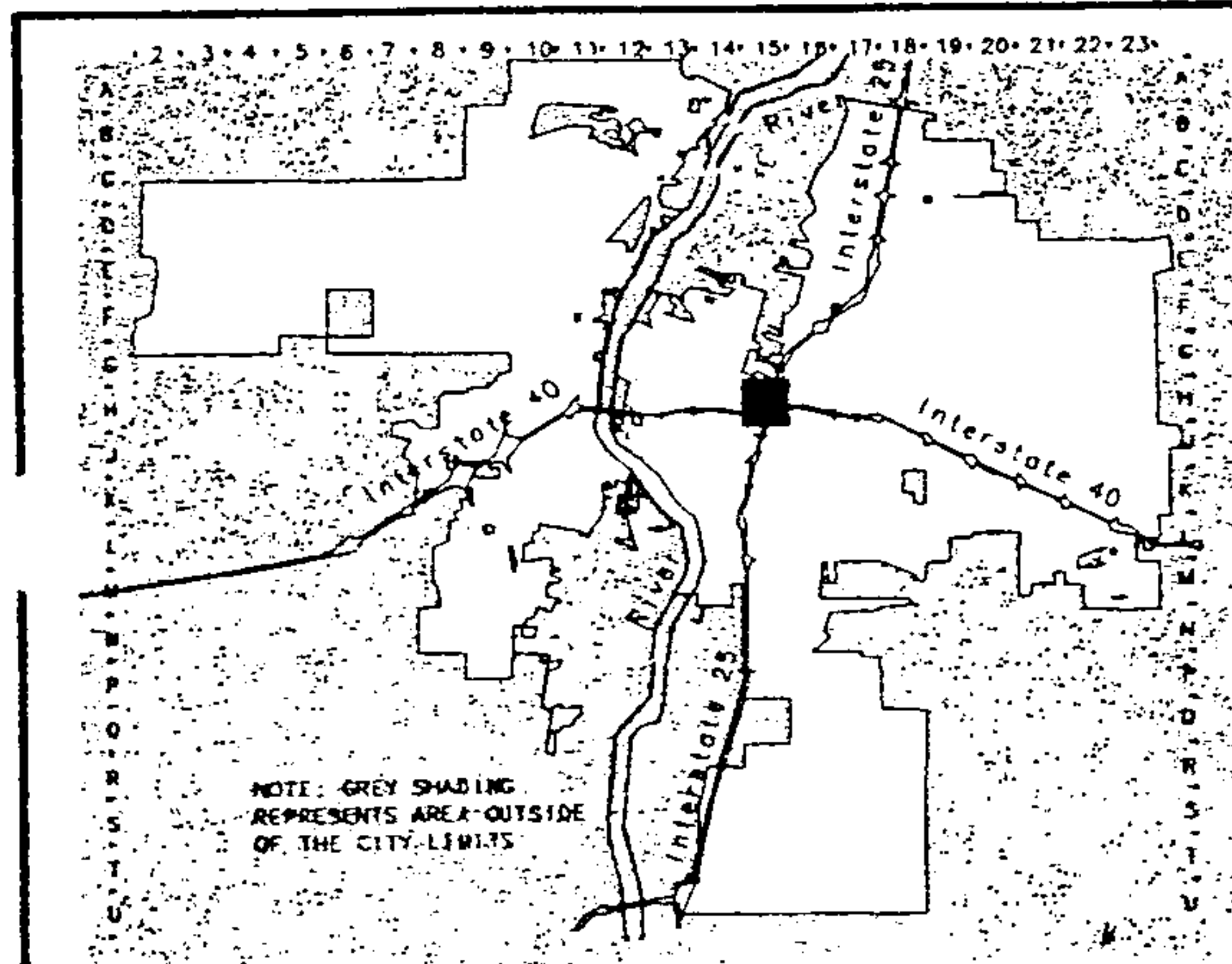
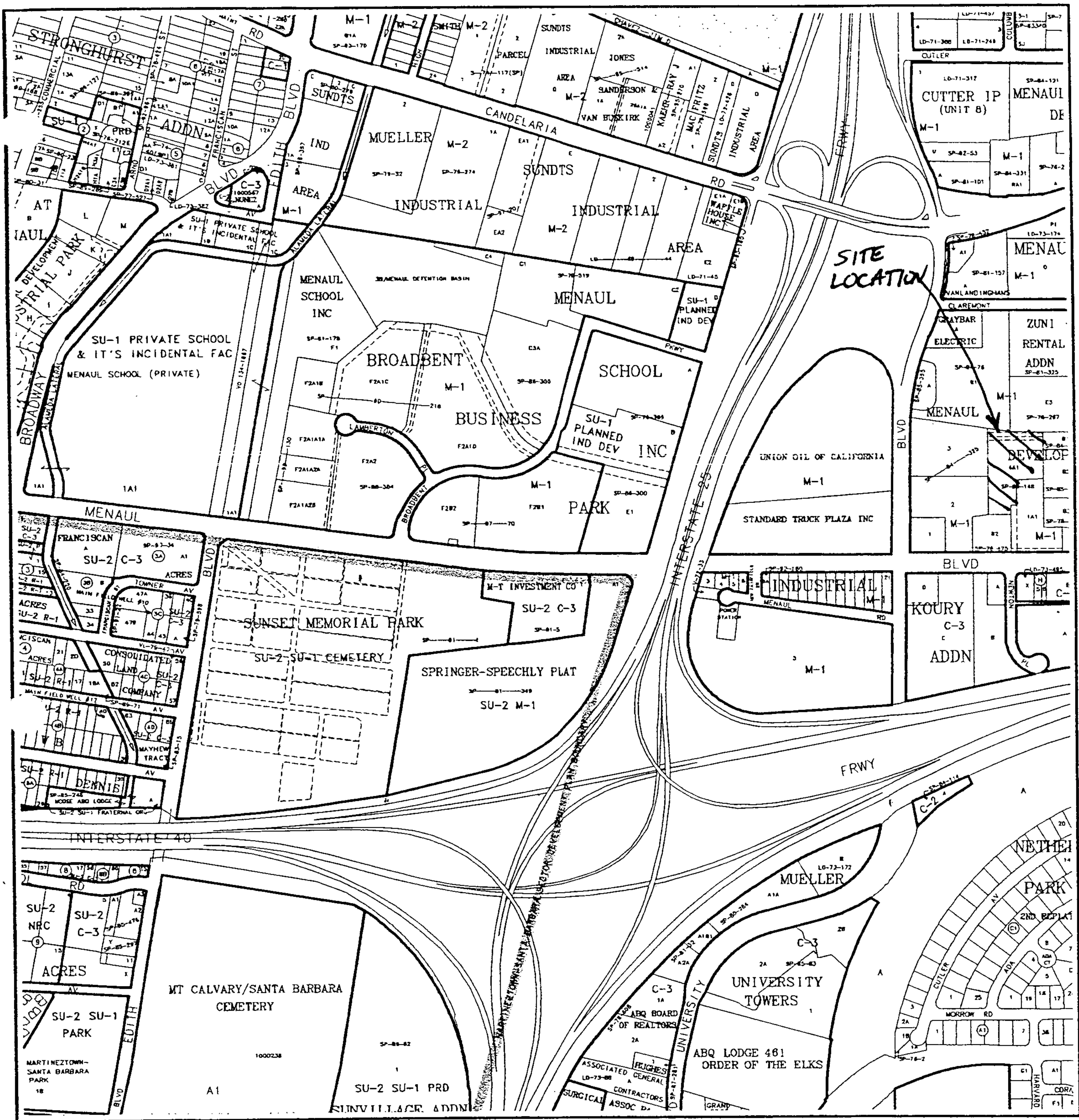
MARK GOODWIN

& ASSOCIATES

dmg

**DRAINAGE CALCULATIONS
FOR
LA QUINTA SUITES**



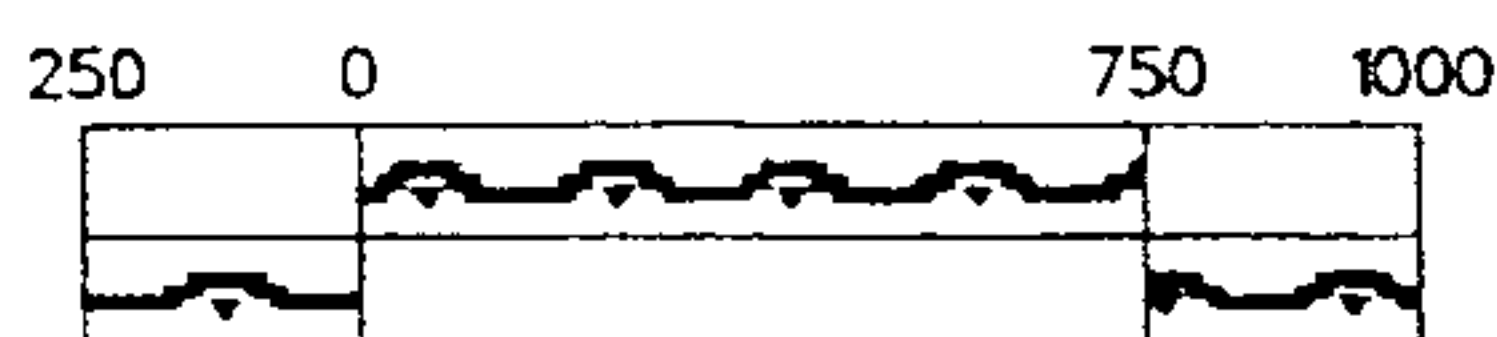


CITY OF
Albuquerque

Albuquerque Geographic Information System
PLANNING DEPARTMENT

© Copyright 2002

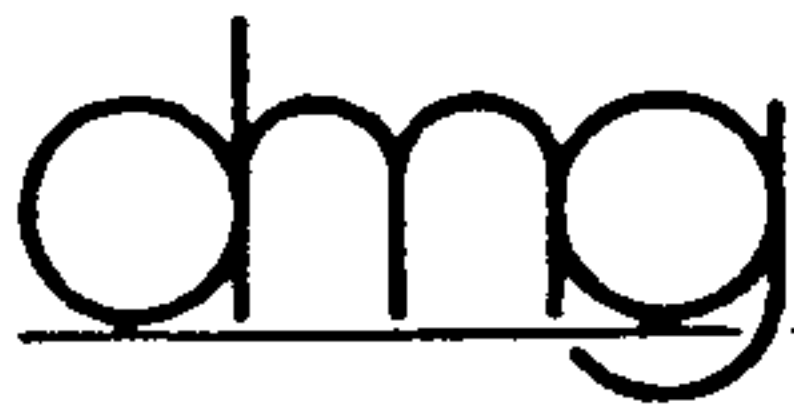
GRAPHIC SCALE IN FEET



Zone Atlas Page

H-15-Z

Map Amended through April 03, 2002



D. Mark Goodwin & Associates, P.A.
Consulting Engineers

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539
e-mail: dmg@swcp.com

PROJECT LAQUINTA SUITES
SUBJECT DRAINAGE CALCS
BY GJK DATE 7-8-02
CHECKED _____ DATE _____
SHEET 1 OF _____

REVISED 8-16-02

- SITE IS LOCATED CLOSE TO THE NORTHEAST CORNER OF MENAUL BLVD AND UNIVERSITY BLVD
- SITE IS NOT IN A 100 YR FLOOD PLAIN. MAP NO. 3500/C0357D
- EXISTING CONDITIONS OF SITE ARE 100% PAVED AND DIRECT DISCHARGE IS ALLOWED SINCE THE BIG I STORM MAIN IMPROVEMENTS HAVE BEEN COMPLETED. PER THE MENAUL DETENTION BASIN AND STORM DRAIN REPORT PER SMITH ENGINEERING.
- TOTAL AREA OF SITE = 2.3885 ACRES

$$P_1 = 1.95 \text{ in}$$

$$P_6 = 2.20 \text{ in}$$

$$P_{24} = 2.60 \text{ in}$$

- EXISTING CONDITIONS

100% "D"

FROM AH4MO OUTPUT SHEETS 3-5

$$Q = 10.86 \text{ CFS}$$

$$V = 0.3916 \text{ AC-FT}$$

- PROPOSED CONDITIONS

$$\text{TYPE "D"} = 1.5636 \text{ AC} = 65.46\%$$

$$\text{TYPE "C"} = 0.2296 \text{ AC} = 9.62\%$$

$$\text{TYPE "B"} = 0.5953 \text{ AC} = 24.92\%$$

FROM AH4MO OUTPUT SHEETS 6-8

$$Q = 9.04 \text{ CFS}$$

$$V = 0.3105 \text{ AC-FT}$$

- THE PROPOSED CONDITIONS DISCHARGE LESS THAN EXISTING.

- SIZE CONCRETE CHANNELS

$$S = 1.0\% \quad n = 0.013$$

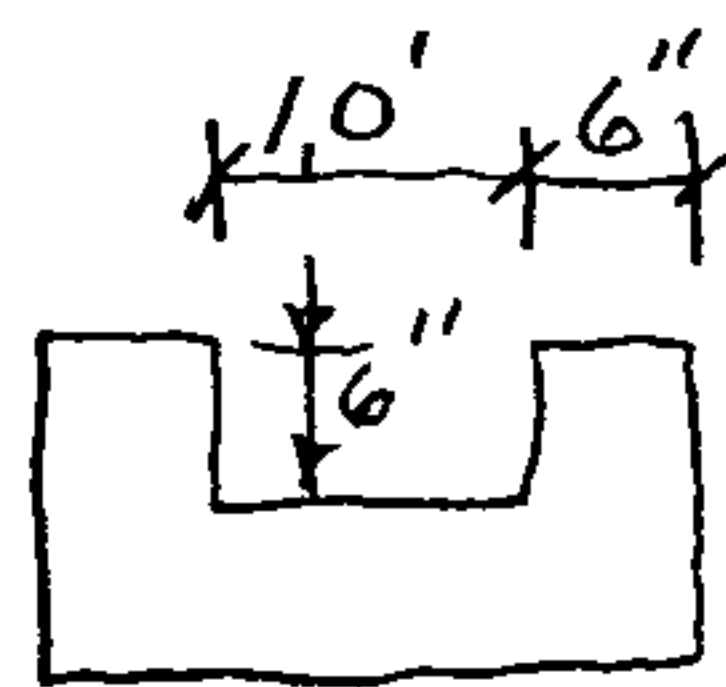
$$d = 0.5$$

$$w_p = 2.0$$

$$A = 0.5$$

$$V = 4.54 \text{ F/S}$$

$$Q = 2.27 \text{ CFS}$$



6"

$$d = 0.5$$

$$w_p = 4.0$$

$$A = 2.0$$

$$V = 7.20 \text{ F/S}$$

$$Q = 14.40 \text{ CFS}$$

- SIZE WIER

$$Q = 2.95 \text{ L H}^{1.5} \quad L = 1.0'$$

$$Q = 1.04 \text{ CFS}$$

$$L = 3.40' \\ Q = 3.55 \text{ CFS}$$

$$L = 3.17' \\ Q = 3.31 \text{ CFS}$$

$$L = 2.10' \\ Q = 2.09 \text{ CFS}$$



D. Mark Goodwin & Associates, P.A.
Consulting Engineers

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539
e-mail: dmg@swcp.com

PROJECT LA QUINTRA SUITES
SUBJECT DRAINAGE CALCS
BY GSK DATE 8-16-02
CHECKED _____ DATE _____
SHEET 2 OF _____

CHANNEL Q CFS

REQUIRED WIDTH

0.28	1'-0"
0.56	1'-0"
0.23	1'-0"
3.24	3'-2"
0.64	1'-0"
3.41	3'-5"

• DETERMINE OFFSITE DRAINAGE BASIN

THE ONLY AREA OFFSITE THAT DRAINS TO THIS
SITE IS THE SUPER 8 MOTEL

$$AREA_1 = \frac{26+44}{2} \times 124$$

$$= 4340 SF$$

$$= 0.0996 AC$$

$$= 0.000156 SM \quad 100\% C$$

FROM 4HYMO OUTPUT SHEETS 9-11

$$Q = 0.31 CFS$$

THIS FLOW ENTERS OUR SITE AT THE
NW PORTION OF THE PROPERTY.

START TIME=0.0
***** HYDROGRAPH FOR LA QUINTA MENAUL - EXISTING CONDITIONS
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=1.95 IN RAIN SIX=2.20 IN
RAIN DAY=2.60 IN DT=0.03333 HR
COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.003732 SQ MI
PER A=0 B=0 C=0 D=100
TP=0.1333 HR MASS RAINFALL=-1
PRINT HYD ID=1 CODE=1
FINISH

□

4

AHYMO PROGRAM (AHYMO194) - AMAFCA Hydrologic Model - January, 1994
RUN DATE (MON/DAY/YR) = 07/08/2002
START TIME (HR:MIN:SEC) = 11:48:03 USER NO.= M_GOODWN.I01
INPUT FILE = LAQUINEX.DAT

START TIME=0.0
***** HYDROGRAPH FOR LA QUINTA MENAUL - EXISTING CONDITIONS
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
 RAIN ONE=1.95 IN RAIN SIX=2.20 IN
 RAIN DAY=2.60 IN DT=0.03333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2 -
PEAK AT 1.40 HR.

DT = .033330 HOURS			END TIME = 5.999400 HOURS			
.0000	.0009	.0018	.0028	.0037	.0047	.0057
.0068	.0078	.0089	.0101	.0112	.0124	.0136
.0149	.0161	.0175	.0188	.0203	.0217	.0233
.0248	.0265	.0282	.0300	.0319	.0338	.0359
.0380	.0403	.0427	.0481	.0539	.0600	.0733
.1028	.1484	.2138	.3031	.4204	.5700	.7563
.9836	1.1946	1.2828	1.3572	1.4233	1.4835	1.5390
1.5904	1.6385	1.6836	1.7260	1.7660	1.8038	1.8396
1.8735	1.9056	1.9361	1.9651	1.9926	1.9981	2.0032
2.0081	2.0126	2.0170	2.0211	2.0251	2.0289	2.0325
2.0360	2.0394	2.0427	2.0459	2.0489	2.0519	2.0548
2.0576	2.0604	2.0630	2.0656	2.0681	2.0706	2.0730
2.0754	2.0777	2.0799	2.0821	2.0843	2.0864	2.0885
2.0905	2.0925	2.0945	2.0964	2.0983	2.1002	2.1021
2.1039	2.1056	2.1074	2.1091	2.1108	2.1125	2.1141
2.1158	2.1174	2.1189	2.1205	2.1220	2.1236	2.1251
2.1265	2.1280	2.1295	2.1309	2.1323	2.1337	2.1351
2.1364	2.1378	2.1391	2.1404	2.1417	2.1430	2.1443
2.1456	2.1468	2.1480	2.1493	2.1505	2.1517	2.1529
2.1541	2.1552	2.1564	2.1575	2.1587	2.1598	2.1609
2.1620	2.1631	2.1642	2.1653	2.1664	2.1674	2.1685
2.1695	2.1705	2.1716	2.1726	2.1736	2.1746	2.1756
2.1766	2.1776	2.1785	2.1795	2.1805	2.1814	2.1824
2.1833	2.1842	2.1852	2.1861	2.1870	2.1879	2.1888
2.1897	2.1906	2.1915	2.1923	2.1932	2.1941	2.1949
2.1958	2.1966	2.1975	2.1983	2.1992	2.2000	

COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.003732 SQ MI
 PER A=0 B=0 C=0 D=100
 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE
CONSTANT, N = 7.106420
UNIT PEAK = 14.734 CFS UNIT VOLUME = .9987 B = 526.28
P60 = 1.9500
AREA = .003732 SQ MI IA = .10000 INCHES INF = .04000
INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT =
.033330

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.10

RUNOFF VOLUME = 1.96722 INCHES = .3916 ACRE-FEET
PEAK DISCHARGE RATE = 10.86 CFS AT 1.500 HOURS BASIN AREA =
.0037 SQ. MI.

FINISH

NORMAL PROGRAM FINISH

END TIME (HR:MIN:SEC) = 11:48:03

5

START TIME=0.0
***** HYDROGRAPH FOR LA QUINTA MENAUL - NEW CONDITIONS
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=1.95 IN RAIN SIX=2.20 IN
RAIN DAY=2.60 IN DT=0.03333 HR
COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.003732 SQ MI
PER A=0 B=24.92 C=9.62 D=65.46
TP=0.1333 HR MASS RAINFALL=-1
PRINT HYD ID=1 CODE=1
FINISH

□

7

AHYMO PROGRAM (AHYMO194) - AMAFCA Hydrologic Model - January, 1994
RUN DATE (MON/DAY/YR) = 07/08/2002
START TIME (HR:MIN:SEC) = 12:09:37 USER NO.= M_GOODWN.I01
INPUT FILE = LAQUIN.DAT

START TIME=0.0
***** HYDROGRAPH FOR LA QUINTA MENAUL - NEW CONDITIONS
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
 RAIN ONE=1.95 IN RAIN SIX=2.20 IN
 RAIN DAY=2.60 IN DT=0.03333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2 -
PEAK AT 1.40 HR.

DT = .033330 HOURS			END TIME = 5.999400 HOURS			
.0000	.0009	.0018	.0028	.0037	.0047	.0057
.0068	.0078	.0089	.0101	.0112	.0124	.0136
.0149	.0161	.0175	.0188	.0203	.0217	.0233
.0248	.0265	.0282	.0300	.0319	.0338	.0359
.0380	.0403	.0427	.0481	.0539	.0600	.0733
.1028	.1484	.2138	.3031	.4204	.5700	.7563
.9836	1.1946	1.2828	1.3572	1.4233	1.4835	1.5390
1.5904	1.6385	1.6836	1.7260	1.7660	1.8038	1.8396
1.8735	1.9056	1.9361	1.9651	1.9926	1.9981	2.0032
2.0081	2.0126	2.0170	2.0211	2.0251	2.0289	2.0325
2.0360	2.0394	2.0427	2.0459	2.0489	2.0519	2.0548
2.0576	2.0604	2.0630	2.0656	2.0681	2.0706	2.0730
2.0754	2.0777	2.0799	2.0821	2.0843	2.0864	2.0885
2.0905	2.0925	2.0945	2.0964	2.0983	2.1002	2.1021
2.1039	2.1056	2.1074	2.1091	2.1108	2.1125	2.1141
2.1158	2.1174	2.1189	2.1205	2.1220	2.1236	2.1251
2.1265	2.1280	2.1295	2.1309	2.1323	2.1337	2.1351
2.1364	2.1378	2.1391	2.1404	2.1417	2.1430	2.1443
2.1456	2.1468	2.1480	2.1493	2.1505	2.1517	2.1529
2.1541	2.1552	2.1564	2.1575	2.1587	2.1598	2.1609
2.1620	2.1631	2.1642	2.1653	2.1664	2.1674	2.1685
2.1695	2.1705	2.1716	2.1726	2.1736	2.1746	2.1756
2.1766	2.1776	2.1785	2.1795	2.1805	2.1814	2.1824
2.1833	2.1842	2.1852	2.1861	2.1870	2.1879	2.1888
2.1897	2.1906	2.1915	2.1923	2.1932	2.1941	2.1949
2.1958	2.1966	2.1975	2.1983	2.1992	2.2000	

COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.003732 SQ MI
 PER A=0 B=24.92 C=9.62 D=65.46
 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE
CONSTANT, N = 7.106420
UNIT PEAK = 9.6450 CFS UNIT VOLUME = .9982 B = 526.28
P60 = 1.9500
AREA = .002443 SQ MI IA = .10000 INCHES INF = .04000'
INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT =
.033330

K = .124514HR TP = .133300HR K/TP RATIO = .934087 SHAPE
CONSTANT, N = 3.786562
UNIT PEAK = 3.2944 CFS UNIT VOLUME = .9962 B = 340.68
P60 = 1.9500
AREA = .001289 SQ MI IA = .45822 INCHES INF = 1.13302
INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT =
.033330

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.10

RUNOFF VOLUME = 1.56015 INCHES = .3105 ACRE-FEET
PEAK DISCHARGE RATE = 9.04 CFS AT 1.500 HOURS BASIN AREA =
.0037 SQ. MI.

FINISH

NORMAL PROGRAM FINISH

END TIME (HR:MIN:SEC) = 12:09:37

START TIME=0.0
***** HYDROGRAPH FOR LA QUINTA MENAUL - OFFSITE BASIN 1
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=1.95 IN RAIN SIX=2.20 IN
RAIN DAY=2.60 IN DT=0.03333 HR
COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.000156 SQ MI
PER A=0 B=0 C=100 D=0
TP=0.1333 HR MASS RAINFALL=-1
PRINT HYD ID=1 CODE=1
FINISH

9

□

10

AHYMO PROGRAM (AHYMO194) - AMAFCA Hydrologic Model - January, 1994
RUN DATE (MON/DAY/YR) = 08/16/2002
START TIME (HR:MIN:SEC) = 14:56:57 USER NO.= M_GOODWN.I01
INPUT FILE = laquinol.dat

START TIME=0.0
***** HYDROGRAPH FOR LA QUINTA MENAUL - OFFSITE BASIN 1
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
 RAIN ONE=1.95 IN RAIN SIX=2.20 IN
 RAIN DAY=2.60 IN DT=0.03333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2 -
PEAK AT 1.40 HR.

DT = .033330 HOURS			END TIME = 5.999400 HOURS			
.0000	.0009	.0018	.0028	.0037	.0047	.0057
.0068	.0078	.0089	.0101	.0112	.0124	.0136
.0149	.0161	.0175	.0188	.0203	.0217	.0233
.0248	.0265	.0282	.0300	.0319	.0338	.0359
.0380	.0403	.0427	.0481	.0539	.0600	.0733
.1028	.1484	.2138	.3031	.4204	.5700	.7563
.9836	1.1946	1.2828	1.3572	1.4233	1.4835	1.5390
1.5904	1.6385	1.6836	1.7260	1.7660	1.8038	1.8396
1.8735	1.9056	1.9361	1.9651	1.9926	1.9981	2.0032
2.0081	2.0126	2.0170	2.0211	2.0251	2.0289	2.0325
2.0360	2.0394	2.0427	2.0459	2.0489	2.0519	2.0548
2.0576	2.0604	2.0630	2.0656	2.0681	2.0706	2.0730
2.0754	2.0777	2.0799	2.0821	2.0843	2.0864	2.0885
2.0905	2.0925	2.0945	2.0964	2.0983	2.1002	2.1021
2.1039	2.1056	2.1074	2.1091	2.1108	2.1125	2.1141
2.1158	2.1174	2.1189	2.1205	2.1220	2.1236	2.1251
2.1265	2.1280	2.1295	2.1309	2.1323	2.1337	2.1351
2.1364	2.1378	2.1391	2.1404	2.1417	2.1430	2.1443
2.1456	2.1468	2.1480	2.1493	2.1505	2.1517	2.1529
2.1541	2.1552	2.1564	2.1575	2.1587	2.1598	2.1609
2.1620	2.1631	2.1642	2.1653	2.1664	2.1674	2.1685
2.1695	2.1705	2.1716	2.1726	2.1736	2.1746	2.1756
2.1766	2.1776	2.1785	2.1795	2.1805	2.1814	2.1824
2.1833	2.1842	2.1852	2.1861	2.1870	2.1879	2.1888
2.1897	2.1906	2.1915	2.1923	2.1932	2.1941	2.1949
2.1958	2.1966	2.1975	2.1983	2.1992	2.2000	

COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.000156 SQ MI
 PER A=0 B=0 C=100 D=0
 TP=0.1333 HR MASS RAINFALL=-1

K = .106769HR TP = .133300HR K/TP RATIO = .800969 SHAPE
CONSTANT, N = 4.472154
UNIT PEAK = .45115 CFS UNIT VOLUME = .9722 B = 385.50
P60 = 1.9500
AREA = .000156 SQ MI IA = .35000 INCHES INF = .83000
INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT =
.033330

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.10

RUNOFF VOLUME = 1.04522 INCHES = .0087 ACRE-FEET
PEAK DISCHARGE RATE = .31 CFS AT 1.500 HOURS BASIN AREA =
.0002 SQ. MI.

FINISH

NORMAL PROGRAM FINISH

END TIME (HR:MIN:SEC) = 14:56:57

//



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Planning Department

Transportation Development Services Section

February 7, 2003

Stephen C. Day, Registered Architect
PO Box 2226
Corrales NM 87048

Re: Traffic Circulation Layout (TCL) Submittal for Building Permit Approval for
La Quinta Suites, [H15 / D60]
2011 Manual NE
Architect's Stamp Dated 9-07-02

Dear Mr. Day:

The TCL submittal, dated February 3, 2003 is approved stamped and signed as such. Three copies will be required: one for each of the building permit plan sets and one to be kept by you to be used for certification of the site for final C.O. for Hydrology/Transportation.

A copy of the approved TCL, marked up, showing incomplete work remaining, along with a letter of certification is required prior to issuance of Temporary C.O.

When site is complete and a Final C.O. is needed, a Letter of Certification, stating site was built in substantial compliance, needs to be attached to your stamped approved TCL letter or TCL must be stamped with the designer's seal for the certification. Seal must be signed and dated for that submittal. This and all documentation must be submitted with a completed Drainage and Transportation Information Sheet 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 Final C.O. has been issued to the superintendent, call Building Safety at 924-3306.

Sincerely,

Richard Dourte
Development and Building Services
Planning Department

c: Hydrology file
File

PLEASE
File

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

H-15/D60

PROJECT TITLE: LA QUIETA SITES ZONE MAP/DRG. FILE #: H-15-2
 DRB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: TRACT 4. A. 1. MENAUL DEVELOPMENT AREA
 CITY ADDRESS: 2011 MENAUL BLVD NE

ENGINEERING FIRM: MARK GOODWIN + ASSOC
 ADDRESS: 8916 ADAMS NE
 CITY, STATE: ALB, NM

CONTACT: GREG KREH
 PHONE: 505-223-7200
 ZIP CODE: 87113

OWNER: DREAM CATCHER
 ADDRESS: _____
 CITY, STATE: ALB, NM

CONTACT: DEEPTI KONDURU
 PHONE: 238-9381
 ZIP CODE: _____

ARCHITECT: STEPHEN C. DAY ARCHITECT
 ADDRESS: P.O. Box 2226
 CITY, STATE: CORRALS, NM 87048

CONTACT: STEPHEN C. DAY
 PHONE: 505-898-3774
 ZIP CODE: 87048

SURVEYOR: ✓
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

CONTRACTOR: NOT SELECTED
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

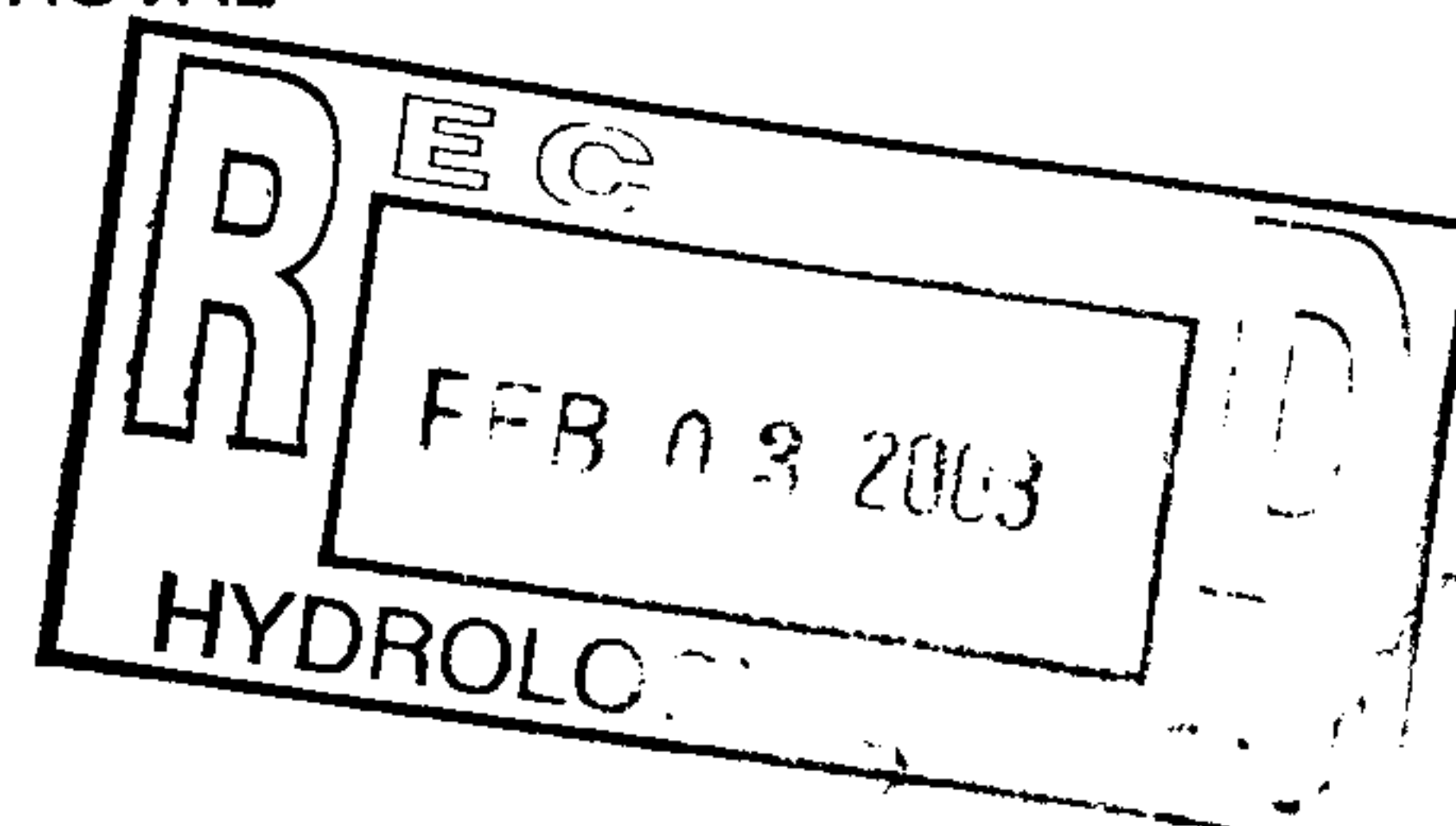
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☒ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERTIFICATION (TCL)
- ☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ 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: FEB 3, 03 BY: [Signature] STEPHEN C DAY

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

February 2, 2003

Ms. Terry Martin
City of Albuquerque
600 Second Street NW
Albuquerque, New Mexico 87102

REF: LA QUINTA SUITES 2011 MENAUL NE, ALBUQUERQUE, NEW MEXICO

Dear Ms Martin:

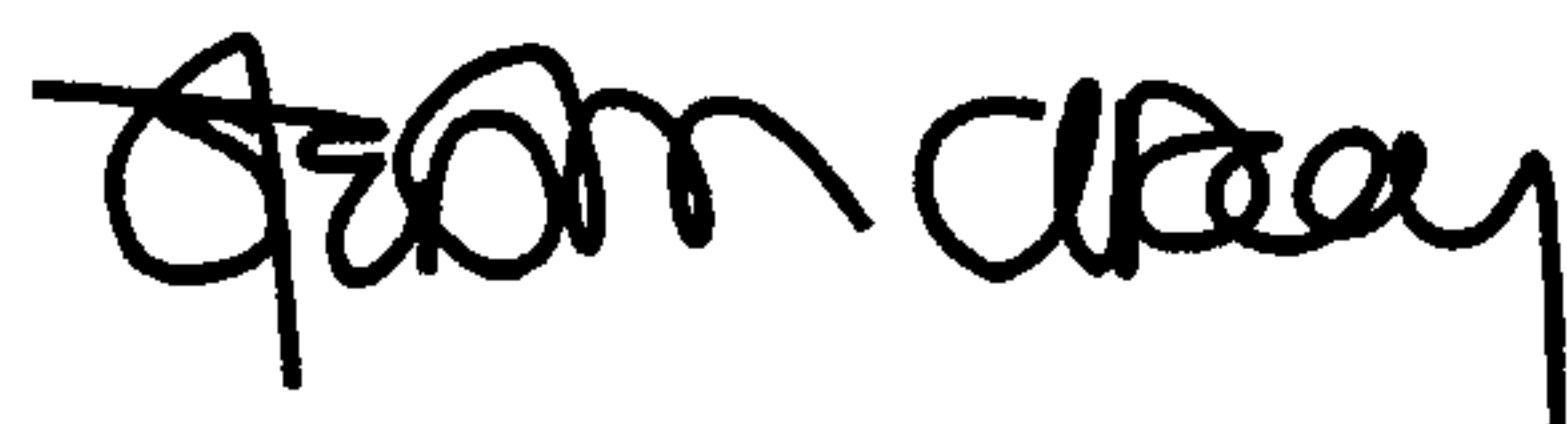
Attached are two copies of Sheet AC1 for the referenced project. This constitutes the TCL for this project. Also attached are two copies of Sheet AC2, the dimensioned layout, and SV2, the survey, for your use.

I had previously informally reviewed this document with Mike Zamora.

I would appreciate your review for approval for Transportation Development.

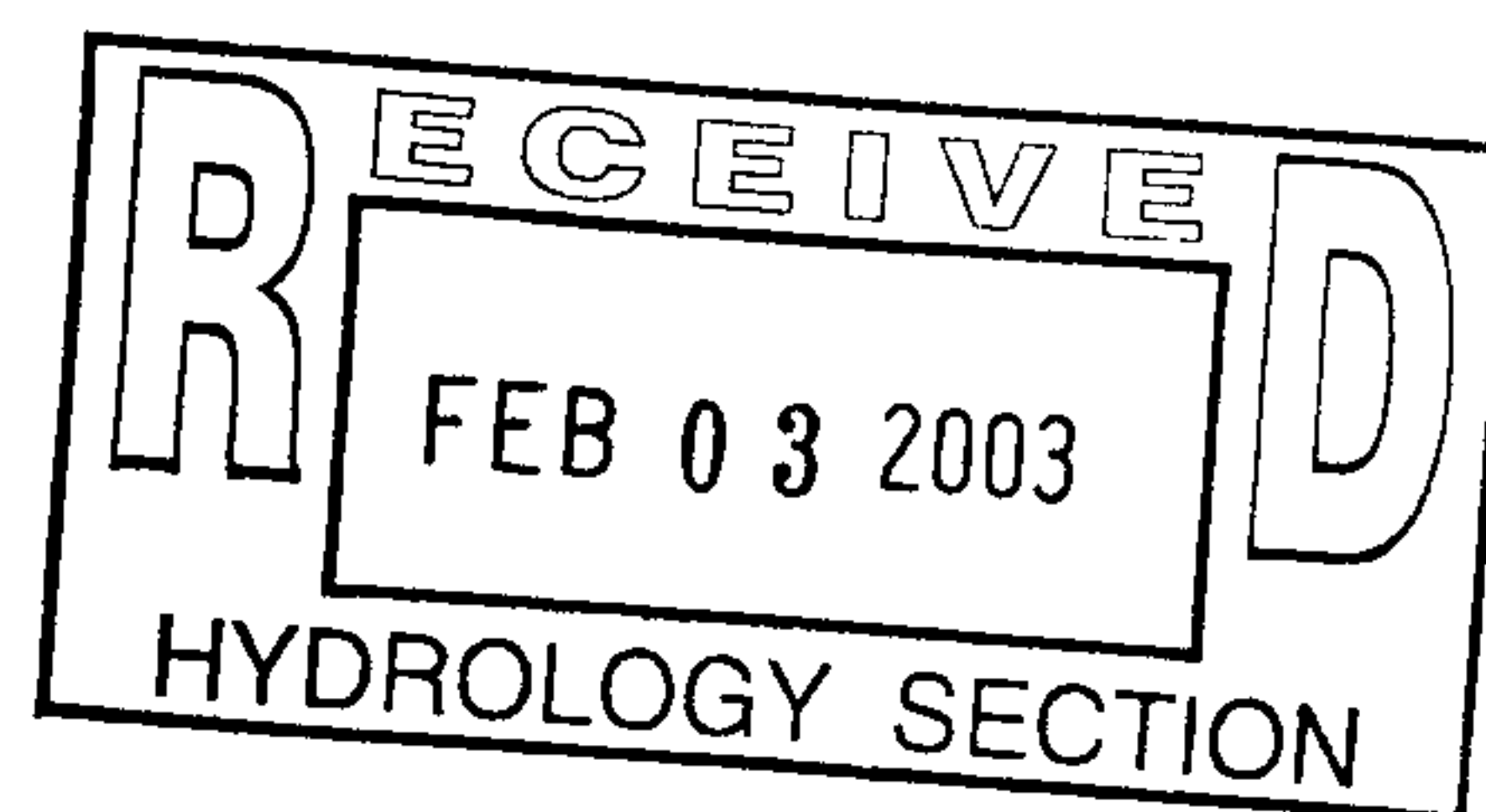
If you have any questions please contact me.

Sincerely



Stephen C. Day
Architect

Cc:



Stephen C. Day
Architect

P. O. Box 2226
104 skylark Lane
Corrales, New Mexico
87048

Voice 505.898.3774
Fax 505.898.9015
Cell 505.269.7909

StephenCDay @ cs.com



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 19, 2002

Gregory J. Krenik, PE
Mark Goodwin & Associates
P.O. 90606
Albuquerque, NM 87199

Re: La Quinta Suites Grading and Drainage Plan
Engineer's Stamp dated 7-11-02 (H15/D60)

Dear Mr. Krenik,

Based upon the information provided in your submittal dated 7-11-02, the above referenced plan cannot be approved for Building Permit until the following comments are addressed.

- There is no mention of offsite water entering your site. Please quantify this runoff and provide a basin map for it.
- All of your runoff will apparently enter the Village Inn restaurant to the south. What facilities are in place to adequately convey this runoff to Menaul? Are water-blocks needed? Do you need a private easement for drainage?

If you have any questions, you can contact me at 924-3986.

Sincerely,

Bradley L. Bingham, PE
Sr. Engineer, Planning Dept.
Development and Building Services

C: file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

H-15/D60

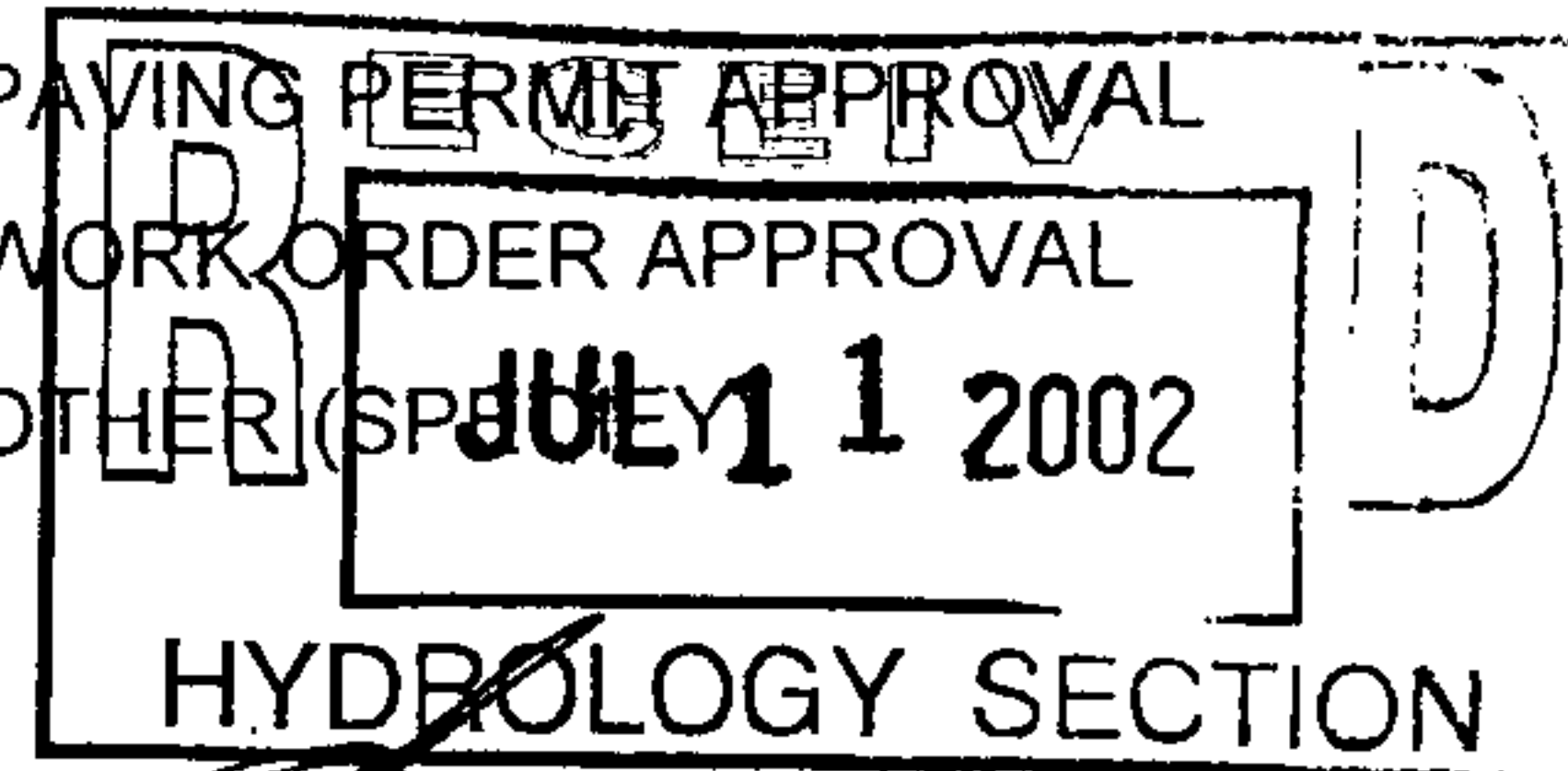
PROJECT TITLE: <u>La Quinta Suites</u>		ZONE MAP/DRB FILE#: <u>H-15</u>
DRB#: _____	EPC# _____	WORK ORDER#: _____
LEGAL DESCRIPTION: <u>Tract 4-A-1 Manual Development Area</u>		
CITY ADDRESS: _____		
ENGINEERING FIRM: <u>Mark Goodwin & Associates, PA</u>		CONTACT: <u>Gregory J. Krenik</u>
ADDRESS: <u>P.O. Box 90606 Albuquerque NM 87119</u>		PHONE: <u>828-2200</u>
CITY, STATE: <u>Albuquerque NM</u>		ZIP CODE: <u>87119</u>
OWNER: <u>Kholwad Brothers Partnership</u>		CONTACT: <u>Steve Day</u>
ADDRESS: <u>5712 Iliff Rd. NW</u>		PHONE: <u>898-3774</u>
CITY, STATE: <u>Albuquerque NM</u>		ZIP CODE: <u>87105</u>
ARCHITECT: _____		CONTACT: _____
ADDRESS: _____		PHONE: _____
CITY, STATE: _____		ZIP CODE: _____
SURVEYOR: <u>Harris Surveying Inc.</u>		CONTACT: <u>Tony Harris</u>
ADDRESS: <u>2412-D Monroe St. NE</u>		PHONE: <u>889-8056</u>
CITY, STATE: <u>Albuquerque NM</u>		ZIP CODE: <u>87110</u>
CONTRACTOR: _____		CONTACT: _____
ADDRESS: _____		PHONE: _____
CITY, STATE: _____		ZIP CODE: _____

TYPE OF SUBMITTAL:

- ☒ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERTIFICATION (TCL)
- ☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTY 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: 7-11-02 BY: Gregory J. Krenik

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:

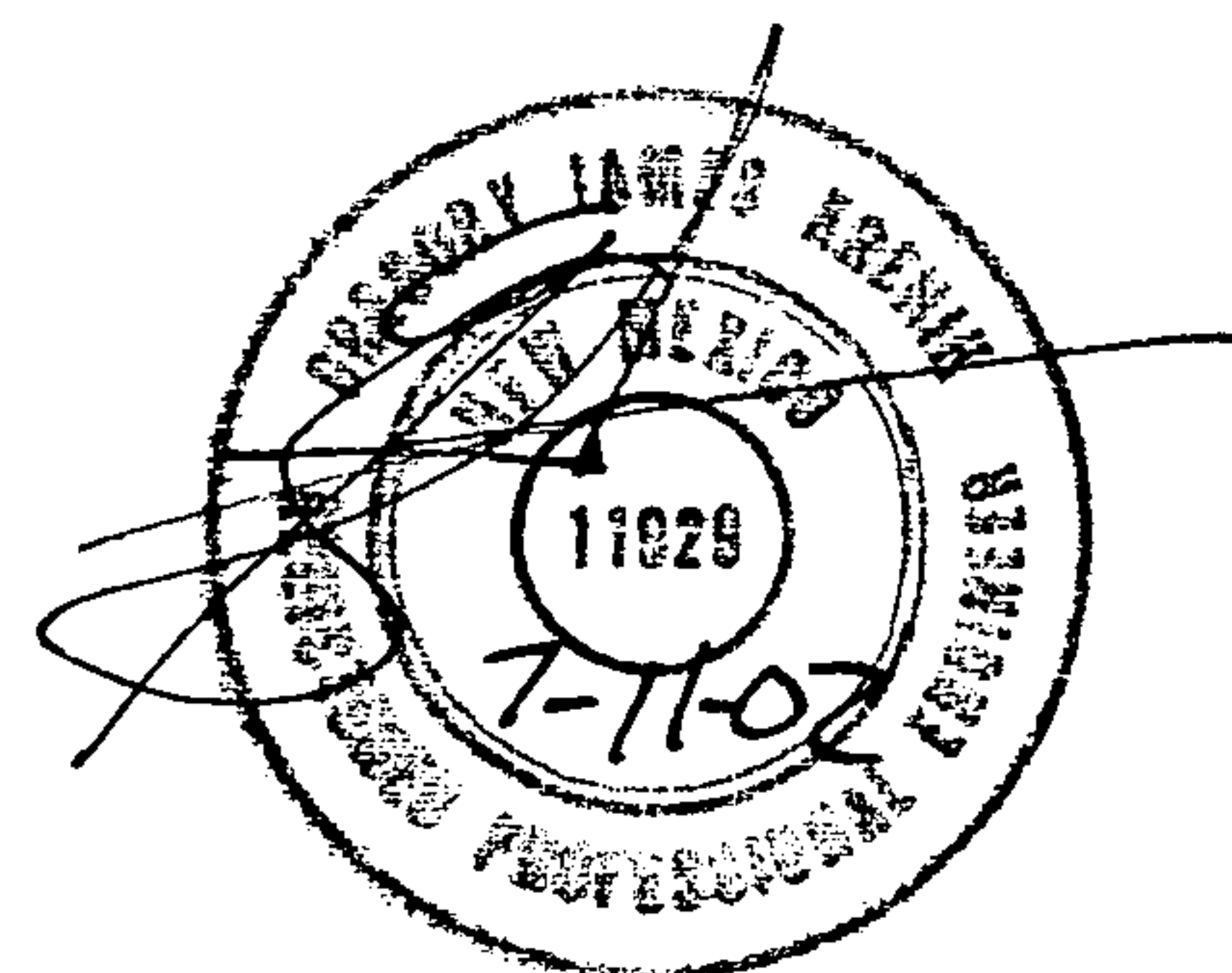
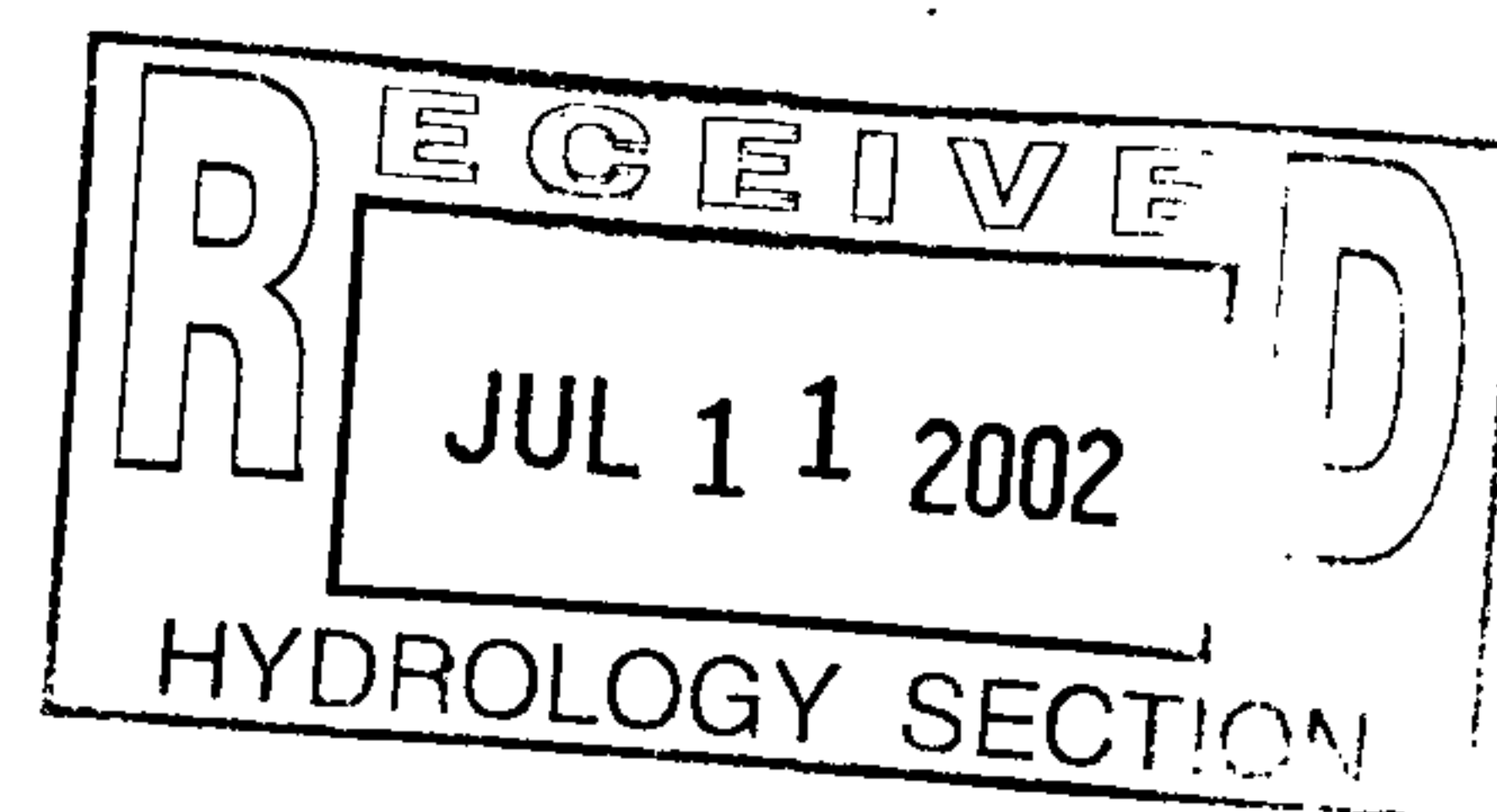
1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5).
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5).
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

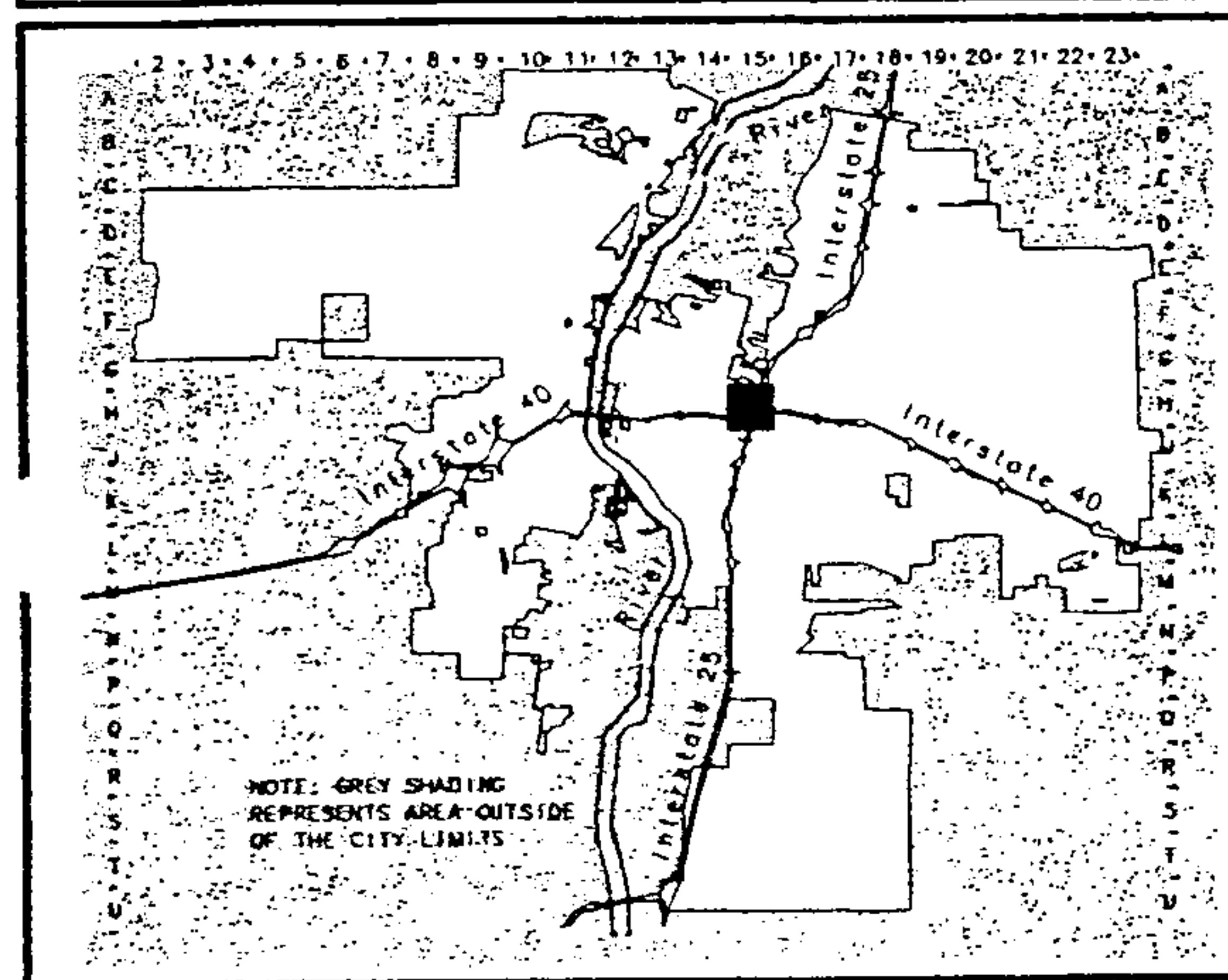
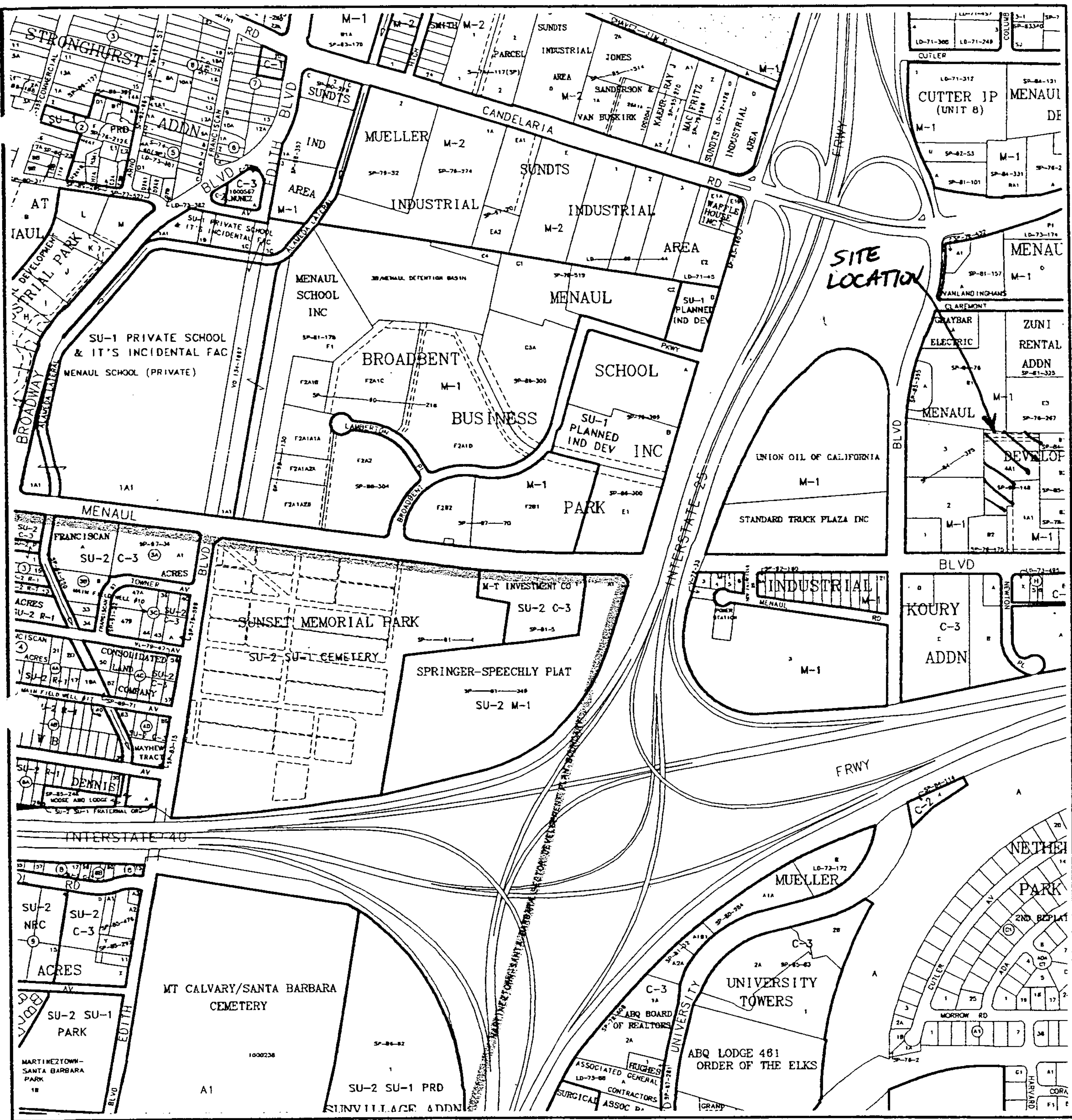
MARK GOODWIN

& ASSOCIATES

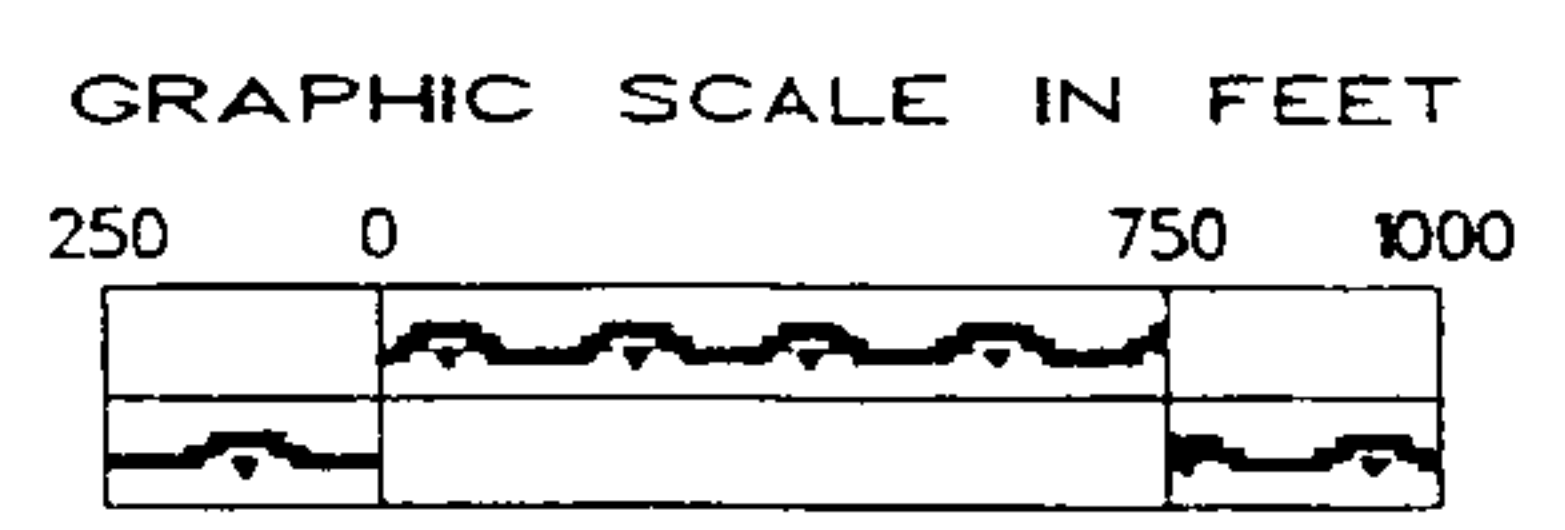
dmg

**DRAINAGE CALCULATIONS
FOR
LA QUINTA SUITES**





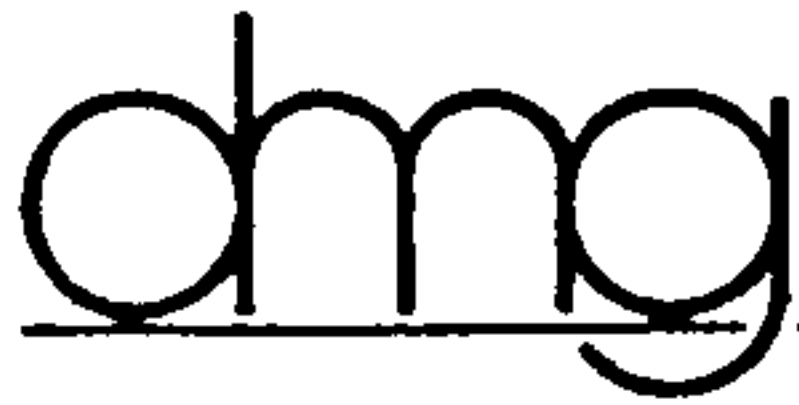
CITY OF
Albuquerque
A Geographic Information System
PLANNING DEPARTMENT
© Copyright 2002



Zone Atlas Page

H-15-Z

Map Amended through April 03, 2002



D. Mark Goodwin & Associates, P.A.
Consulting Engineers

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539
e-mail: dmgs@swcp.com

PROJECT LAQUINTA SUITES
SUBJECT DRAINAGE CALCS
BY GSK DATE 7-8-02
CHECKED _____ DATE _____
SHEET 1 OF _____

- SITE IS LOCATED CLOSE TO THE NORTHEAST CORNER OF MENAUL BLVD AND UNIVERSITY BLVD
- SITE IS NOT IN A 100 YR FLOOD PLAIN. MAP NO. 3500/C0357D
- EXISTING CONDITIONS OF SITE ARE 100% PAVED AND DIRECT DISCHARGE IS ALLOWED SINCE THE BIG I STORM DRAIN IMPROVEMENTS HAVE BEEN COMPLETED. PER THE MENAUL DETENTION BASIN AND STORM DRAIN REPORT PER SMITH ENGINEERING.
- TOTAL AREA OF SITE = 2.3885 ACRES
 - $P_1 = 1.9511$
 - $P_6 = 2.2011$
 - $P_{24} = 2.6011$

• EXISTING CONDITIONS

100% "D"

FROM AH440 OUTPUT SHEETS 3-5

$$Q = 10.86 \text{ CFS}$$

$$V = 0.3916 \text{ AC-FT}$$

• PROPOSED CONDITIONS

$$\text{TYPE "D"} = 1.5636 \text{ AC} = 65.46\%$$

$$\text{TYPE "C"} = 0.2296 \text{ AC} = 9.62\%$$

$$\text{TYPE "B"} = 0.5953 \text{ AC} = 24.92\%$$

FROM AH440 OUTPUT SHEETS 6-8

$$Q = 9.04 \text{ CFS}$$

$$V = 0.3105 \text{ AC-FT}$$

- THE PROPOSED CONDITIONS DISCHARGE LESS THAN EXISTING.

• SIZE CONCRETE CHANNELS

$$S = 1.0\% \quad n = 0.013$$

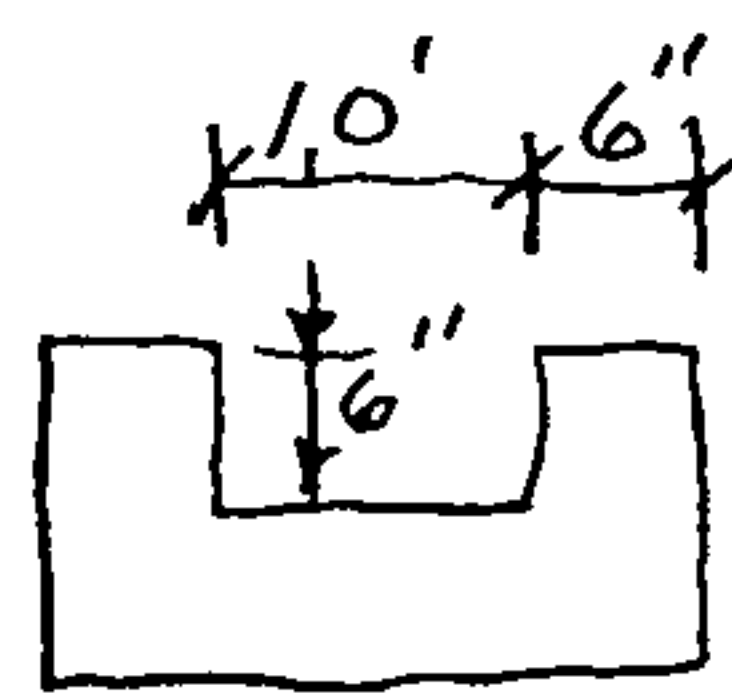
$$d = 0.5$$

$$w_p = 2.0$$

$$A = 0.5$$

$$V = 4.54 \text{ F/S}$$

$$Q = 2.27 \text{ CFS}$$



6"

$$d = 0.5$$

$$w_p = 4.0$$

$$A = 2.0$$

$$V = 7.20 \text{ F/S}$$

$$Q = 14.40 \text{ CFS}$$

• SIZE WIER

$$Q = 2.95 \text{ L H}^{1.5} \quad L = 1$$

$$Q = 1.04 \text{ CFS}$$

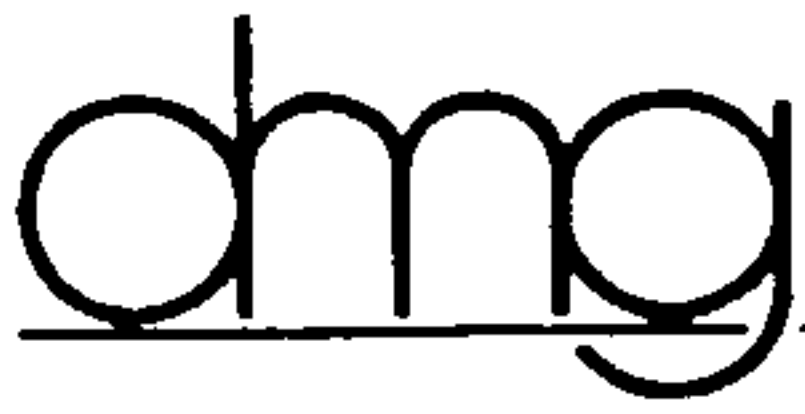
$$L = 3.0$$

$$Q = 3.13 \text{ CFS}$$

$$L = 3.17$$

$$Q = 3.31 \text{ CFS}$$

OFFSITE?
Drains to
Village Inn



D. Mark Goodwin & Associates, P.A.
Consulting Engineers

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539
e-mail: dmg@swcp.com

PROJECT LA QUINTA SUITES
SUBJECT DRAINAGE CALCS
BY GJK DATE 7-8-02
CHECKED _____ DATE _____
SHEET 2 OF _____

CHANNEL	Q (CFS)	WIDTH REQUIRED (FT)
1	0.28	1.0
2	0.56	1.0
3	0.23	1.0
4	3.11	3.0
5	0.64	1.0
6	3.24	3.17

START TIME=0.0
***** HYDROGRAPH FOR LA QUINTA MENAUL - EXISTING CONDITIONS
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=1.95 IN RAIN SIX=2.20 IN
RAIN DAY=2.60 IN DT=0.03333 HR
COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.003732 SQ MI
PER A=0 B=0 C=0 D=100
TP=0.1333 HR MASS RAINFALL=-1
PRINT HYD ID=1 CODE=1
FINISH

□

4

AHYMO PROGRAM (AHYMO194) - AMAFCA Hydrologic Model - January, 1994
RUN DATE (MON/DAY/YR) = 07/08/2002
START TIME (HR:MIN:SEC) = 11:48:03 USER NO.= M_GOODWN.I01
INPUT FILE = LAQUINEX.DAT

START TIME=0.0
***** HYDROGRAPH FOR LA QUINTA MENAUL - EXISTING CONDITIONS
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
 RAIN ONE=1.95 IN RAIN SIX=2.20 IN
 RAIN DAY=2.60 IN DT=0.03333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2 -
PEAK AT 1.40 HR.

DT = .033330 HOURS			END TIME = 5.999400 HOURS			
.0000	.0009	.0018	.0028	.0037	.0047	.0057
.0068	.0078	.0089	.0101	.0112	.0124	.0136
.0149	.0161	.0175	.0188	.0203	.0217	.0233
.0248	.0265	.0282	.0300	.0319	.0338	.0359
.0380	.0403	.0427	.0481	.0539	.0600	.0733
.1028	.1484	.2138	.3031	.4204	.5700	.7563
.9836	1.1946	1.2828	1.3572	1.4233	1.4835	1.5390
1.5904	1.6385	1.6836	1.7260	1.7660	1.8038	1.8396
1.8735	1.9056	1.9361	1.9651	1.9926	1.9981	2.0032
2.0081	2.0126	2.0170	2.0211	2.0251	2.0289	2.0325
2.0360	2.0394	2.0427	2.0459	2.0489	2.0519	2.0548
2.0576	2.0604	2.0630	2.0656	2.0681	2.0706	2.0730
2.0754	2.0777	2.0799	2.0821	2.0843	2.0864	2.0885
2.0905	2.0925	2.0945	2.0964	2.0983	2.1002	2.1021
2.1039	2.1056	2.1074	2.1091	2.1108	2.1125	2.1141
2.1158	2.1174	2.1189	2.1205	2.1220	2.1236	2.1251
2.1265	2.1280	2.1295	2.1309	2.1323	2.1337	2.1351
2.1364	2.1378	2.1391	2.1404	2.1417	2.1430	2.1443
2.1456	2.1468	2.1480	2.1493	2.1505	2.1517	2.1529
2.1541	2.1552	2.1564	2.1575	2.1587	2.1598	2.1609
2.1620	2.1631	2.1642	2.1653	2.1664	2.1674	2.1685
2.1695	2.1705	2.1716	2.1726	2.1736	2.1746	2.1756
2.1766	2.1776	2.1785	2.1795	2.1805	2.1814	2.1824
2.1833	2.1842	2.1852	2.1861	2.1870	2.1879	2.1888
2.1897	2.1906	2.1915	2.1923	2.1932	2.1941	2.1949
2.1958	2.1966	2.1975	2.1983	2.1992	2.2000	

COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.003732 SQ MI
 PER A=0 B=0 C=0 D=100
 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE
CONSTANT, N = 7.106420
UNIT PEAK = 14.734 CFS UNIT VOLUME = .9987 B = 526.28
P60 = 1.9500
AREA = .003732 SQ MI IA = .10000 INCHES INF = .04000
INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT =
.033330

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.10

RUNOFF VOLUME = 1.96722 INCHES = .3916 ACRE-FEET
PEAK DISCHARGE RATE = 10.86 CFS AT 1.500 HOURS BASIN AREA =
.0037 SQ. MI.

FINISH

NORMAL PROGRAM FINISH

END TIME (HR:MIN:SEC) = 11:48:03

5

START TIME=0.0
***** HYDROGRAPH FOR LA QUINTA MENAUL - NEW CONDITIONS
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=1.95 IN RAIN SIX=2.20 IN
RAIN DAY=2.60 IN DT=0.03333 HR
COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.003732 SQ MI
PER A=0 B=24.92 C=9.62 D=65.46
TP=0.1333 HR MASS RAINFALL=-1
PRINT HYD ID=1 CODE=1
FINISH

□

7

AHYMO PROGRAM (AHYMO194) - AMAFCA Hydrologic Model - January, 1994
RUN DATE (MON/DAY/YR) = 07/08/2002
START TIME (HR:MIN:SEC) = 12:09:37 USER NO.= M_GOODWN.I01
INPUT FILE = LAQUIN.DAT

START TIME=0.0
***** HYDROGRAPH FOR LA QUINTA MENAUL - NEW CONDITIONS
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
 RAIN ONE=1.95 IN RAIN SIX=2.20 IN
 RAIN DAY=2.60 IN DT=0.03333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2 -
PEAK AT 1.40 HR.

DT = .033330 HOURS			END TIME = 5.999400 HOURS			
.0000	.0009	.0018	.0028	.0037	.0047	.0057
.0068	.0078	.0089	.0101	.0112	.0124	.0136
.0149	.0161	.0175	.0188	.0203	.0217	.0233
.0248	.0265	.0282	.0300	.0319	.0338	.0359
.0380	.0403	.0427	.0481	.0539	.0600	.0733
.1028	.1484	.2138	.3031	.4204	.5700	.7563
.9836	1.1946	1.2828	1.3572	1.4233	1.4835	1.5390
1.5904	1.6385	1.6836	1.7260	1.7660	1.8038	1.8396
1.8735	1.9056	1.9361	1.9651	1.9926	1.9981	2.0032
2.0081	2.0126	2.0170	2.0211	2.0251	2.0289	2.0325
2.0360	2.0394	2.0427	2.0459	2.0489	2.0519	2.0548
2.0576	2.0604	2.0630	2.0656	2.0681	2.0706	2.0730
2.0754	2.0777	2.0799	2.0821	2.0843	2.0864	2.0885
2.0905	2.0925	2.0945	2.0964	2.0983	2.1002	2.1021
2.1039	2.1056	2.1074	2.1091	2.1108	2.1125	2.1141
2.1158	2.1174	2.1189	2.1205	2.1220	2.1236	2.1251
2.1265	2.1280	2.1295	2.1309	2.1323	2.1337	2.1351
2.1364	2.1378	2.1391	2.1404	2.1417	2.1430	2.1443
2.1456	2.1468	2.1480	2.1493	2.1505	2.1517	2.1529
2.1541	2.1552	2.1564	2.1575	2.1587	2.1598	2.1609
2.1620	2.1631	2.1642	2.1653	2.1664	2.1674	2.1685
2.1695	2.1705	2.1716	2.1726	2.1736	2.1746	2.1756
2.1766	2.1776	2.1785	2.1795	2.1805	2.1814	2.1824
2.1833	2.1842	2.1852	2.1861	2.1870	2.1879	2.1888
2.1897	2.1906	2.1915	2.1923	2.1932	2.1941	2.1949
2.1958	2.1966	2.1975	2.1983	2.1992	2.2000	

COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.003732 SQ MI
 PER A=0 B=24.92 C=9.62 D=65.46
 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE
CONSTANT, N = 7.106420
UNIT PEAK = 9.6450 CFS UNIT VOLUME = .9982 B = 526.28
P60 = 1.9500
AREA = .002443 SQ MI IA = .10000 INCHES INF = .04000
INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT =
.033330

K = .124514HR TP = .133300HR K/TP RATIO = .934087 SHAPE
CONSTANT, N = 3.786562
UNIT PEAK = 3.2944 CFS UNIT VOLUME = .9962 B = 340.68
P60 = 1.9500
AREA = .001289 SQ MI IA = .45822 INCHES INF = 1.13302
INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT =
.033330

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.10

RUNOFF VOLUME = 1.56015 INCHES = .3105 ACRE-FEET
 PEAK DISCHARGE RATE = 9.04 CFS AT 1.500 HOURS BASIN AREA =
 .0037 SQ. MI.

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 12:09:37

City of Albuquerque
Planning Department
505-924-3900 (main number)
505-924-3864 (fax number)
Development and Building Services (One Stop Shop)
Plaza Del Sol Building, 2nd Floor
600 2nd Street NW
Albuquerque, NM 87102

**City of Albuquerque
Planning Dept.
Dev. & Bldg. Svcs.**

Fax

To: Ron Grant From: Carlos Martinez

Copies to:

Fax: 520-888-4300 Pages Sent: (including this page) 3

Phone: Date: 10-1-03

Time:

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

COMMENTS:

Ron, Approval letter
for Hydrology.



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 12, 2002

Gregory J. Krenik, PE
Mark Goodwin & Associates
P.O. 90606
Albuquerque, NM 87199

Re: La Quinta Suites Drainage Report
Engineer's Stamp dated 8-16-02 (H15/D60)

Dear Mr. Krenik,

Based upon the information provided in your submittal dated 8-19-02, 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.

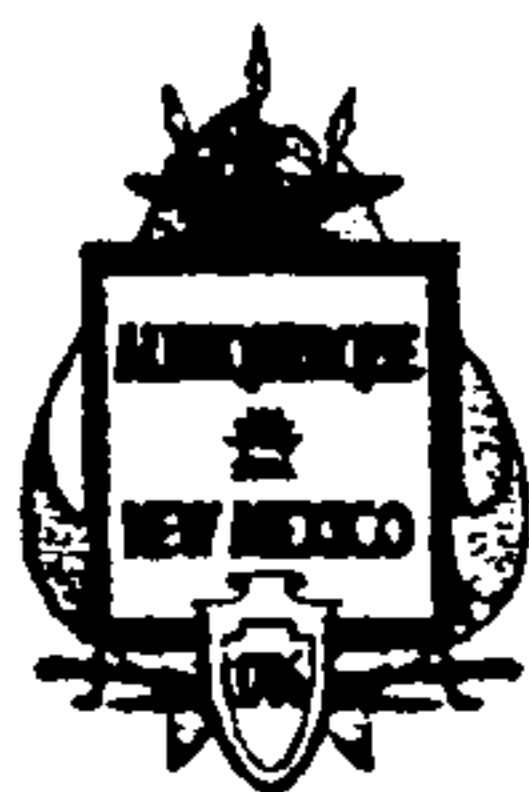
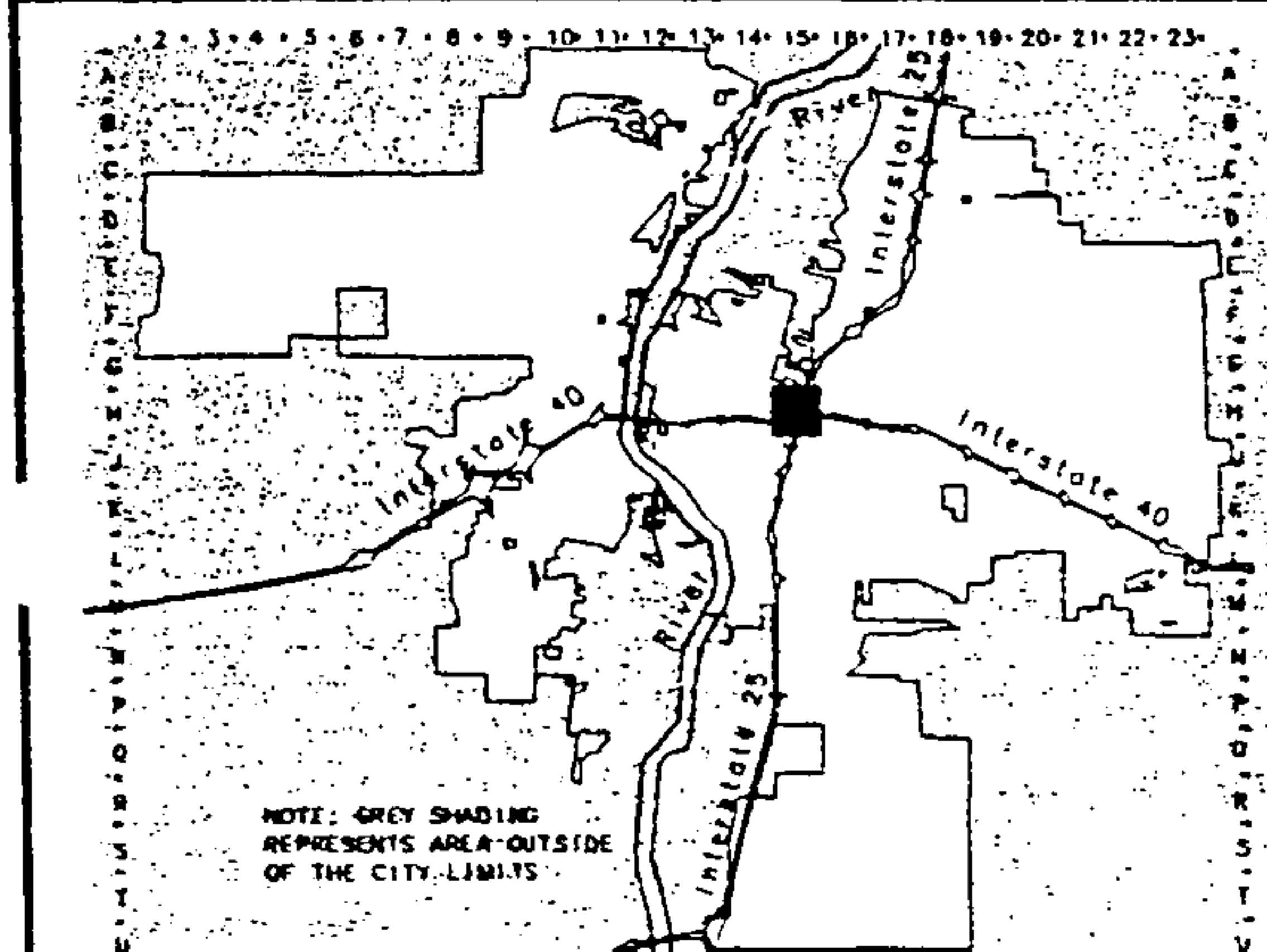
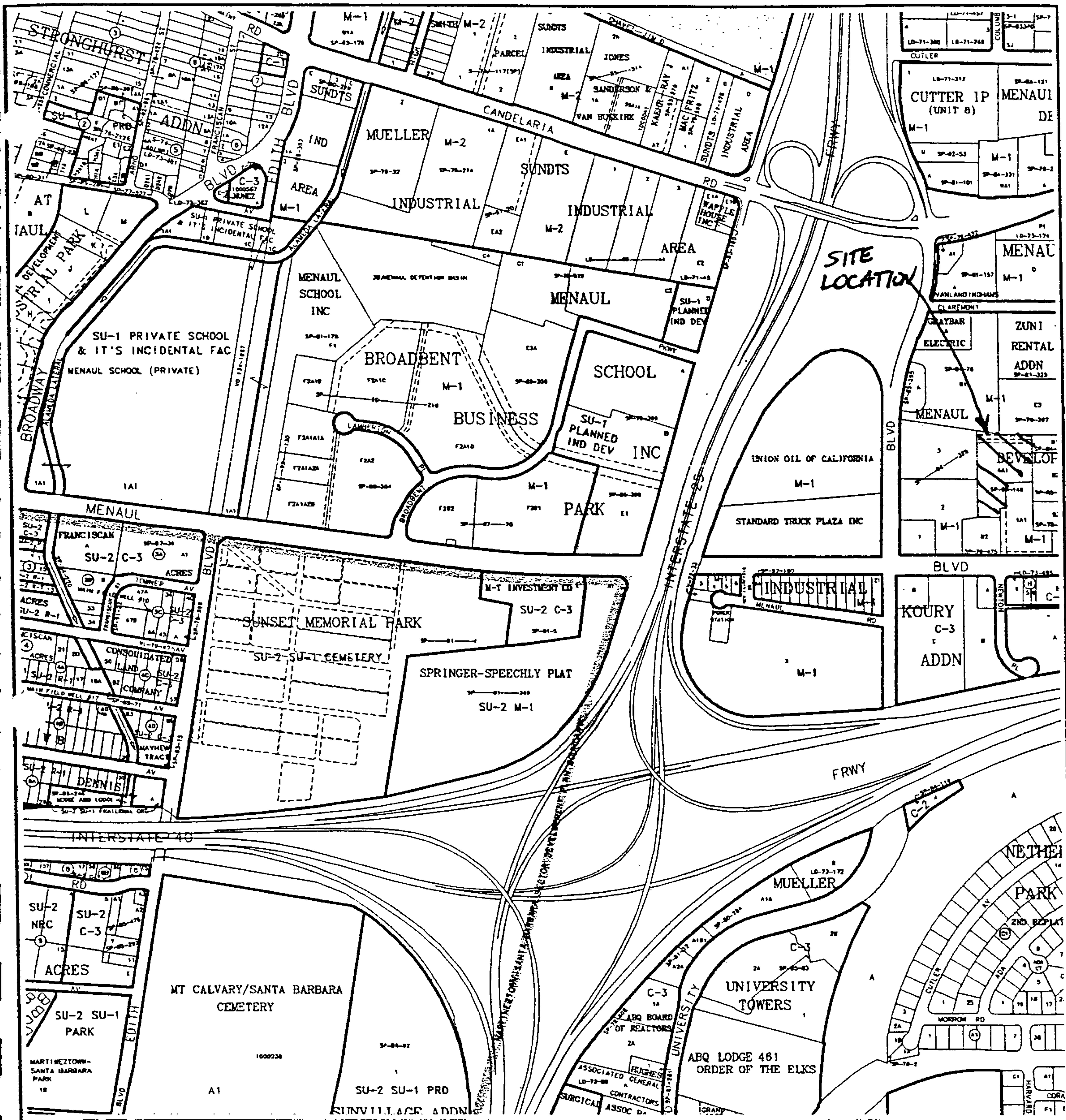
Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

If you have any questions, you can contact me at 924-3986.

Sincerely,

Bradley L. Bingham, PE
Sr. Engineer, Planning Dept.
Development and Building Services

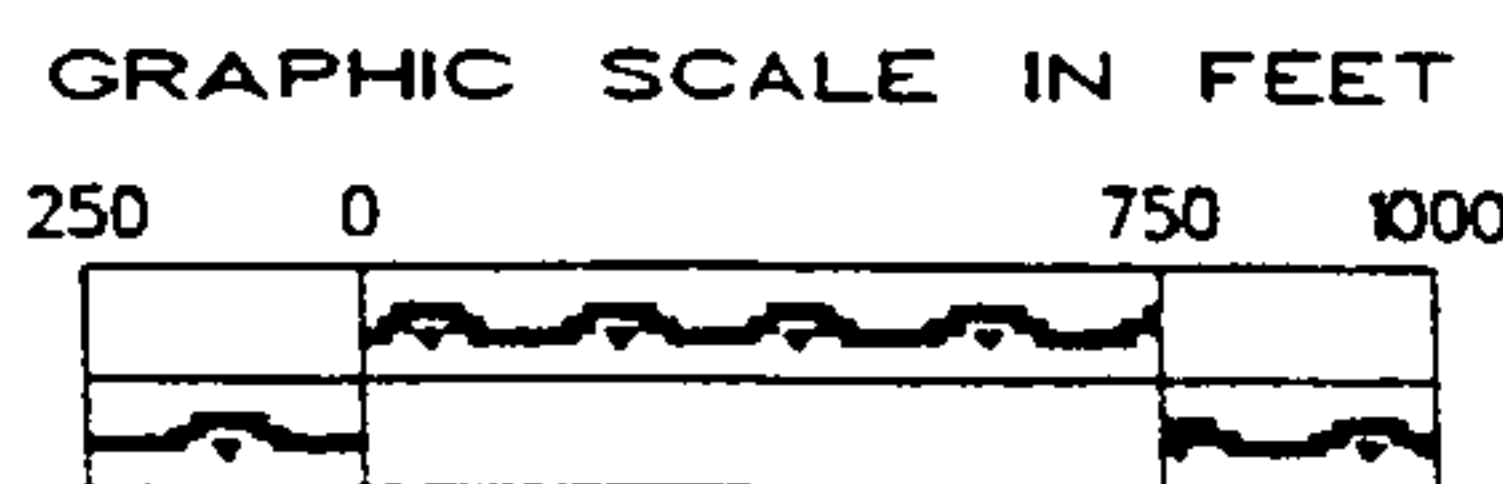
C: file



CITY OF
Albuquerque

A **G** **I** **S**
Business Geographic Information System
PLANNING DEPARTMENT

© Copyright 2002



Zone Atlas Page

H-15-Z

Map Amended through April 03, 2002