

CITY OF ALBUQUERQUE



June 8, 2006

Mr. John MacKenzie, P.E.
MARK GOODWIN & ASSOCIATES
P.O. Box 90606
Albuquerque, NM 87199

Re: GRAYBAR ELECTRIC
281 Menaul Blvd. NE
Approval of Permanent Certificate of Occupancy (C.O.)
Engineer's Stamp dated 07/27/2006 (H-14/D1A)
Certification dated 06/07/2006

Dear John:

Based upon the information provided in your submittal received 06/08/2006, 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,

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

C: C.O. Clerk
File

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: GrayBar Electric
DRB #: _____ EPC#: _____

ZONE MAP/DRG. FILE #: H-14-7DIA
WORK ORDER#: _____

LEGAL DESCRIPTION: Tract A, B, C, and D Gateway Industrial Park.
CITY ADDRESS: 281 Menaul Blvd. NE

ENGINEERING FIRM: Mark Goodwin & Associates, PA
ADDRESS: PO Box 90606
CITY, STATE: Albuquerque, NM

CONTACT: John MacKenzie, PE
PHONE: 828-2200
ZIP CODE: 87199

OWNER: Hensley Construction, Inc.
ADDRESS: 925 N. Rock Hill Road
CITY, STATE: St. Louis, MO

CONTACT: Mr. John Shemeld
PHONE: (314) 968-5550
ZIP CODE: 63119

ARCHITECT: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

SURVEYOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

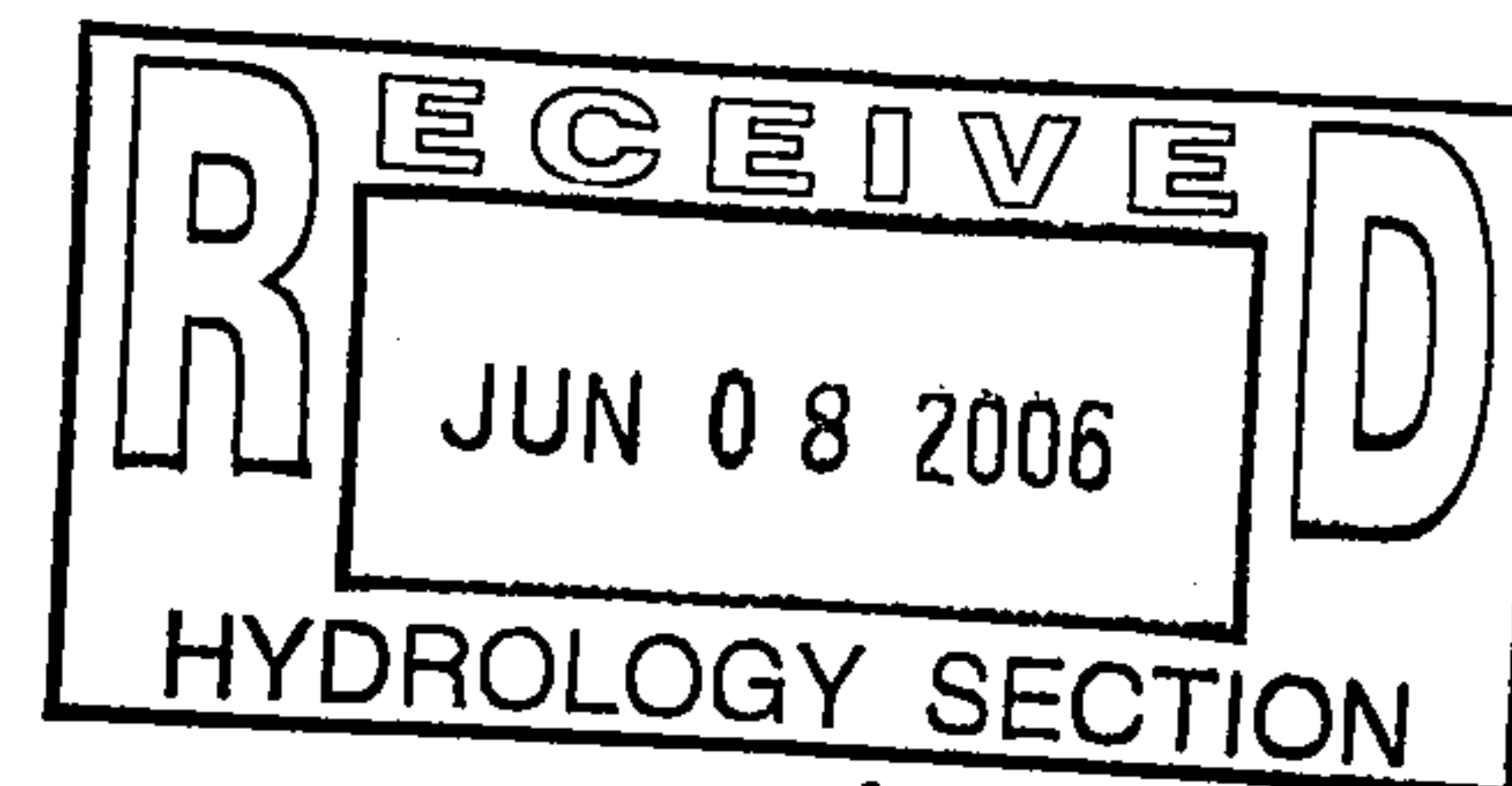
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL, **REQUIRES TCL or equal**
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☒ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEERS CERTIFICATION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

CHECK TYPE OF APPROVAL SOUGHT:

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

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☒ NO
- ☐ COPY PROVIDED



DATE SUBMITTED: June 7, 2006

BY: PAVAN K. TOLETI (T. Parankumar)

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**

June 8, 2006

Mr. John MacKenzie, RA
MARK GOODWIN & ASSOCIATES
P.O. Box 90606
Albuquerque, NM 87199

Re: Certification Submittal for Final Building Certificate of Occupancy for
GRAYBAR ELECTRIC, [H-14 / D1A]
281 Menaul Blvd. NE
Engineer's Stamp Dated 06/07/2006

Dear Mr. MacKenzie:

The TCL / Letter of Certification submitted on June 8, 2006 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,

Wilfred Gallegos, P.E.
Traffic Engineer
Development and Building Services
Planning Department

c: Engineer
Gloria Saavedra
Hydrology file
CO Clerk

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: GrayBar Electric
DRB #: _____ EPC#: _____

ZONE MAP/DRG. FILE #: H-14-ZDIA
WORK ORDER#: _____

LEGAL DESCRIPTION: Tract A, B, C, and D Gateway Industrial Park.
CITY ADDRESS: 281 Menaul Blvd. NE

ENGINEERING FIRM: Mark Goodwin & Associates, PA
ADDRESS: PO Box 90606
CITY, STATE: Albuquerque, NM

CONTACT: John MacKenzie, PE
PHONE: 828-2200
ZIP CODE: 87199

OWNER: Hensley Construction, Inc.
ADDRESS: 925 N. Rock Hill Road
CITY, STATE: St. Louis, MO

CONTACT: Mr. John Shemeld
PHONE: (314) 968-5550
ZIP CODE: 63119

ARCHITECT: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

SURVEYOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: Jeff Dulin
PHONE: 1-314-486-3165
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

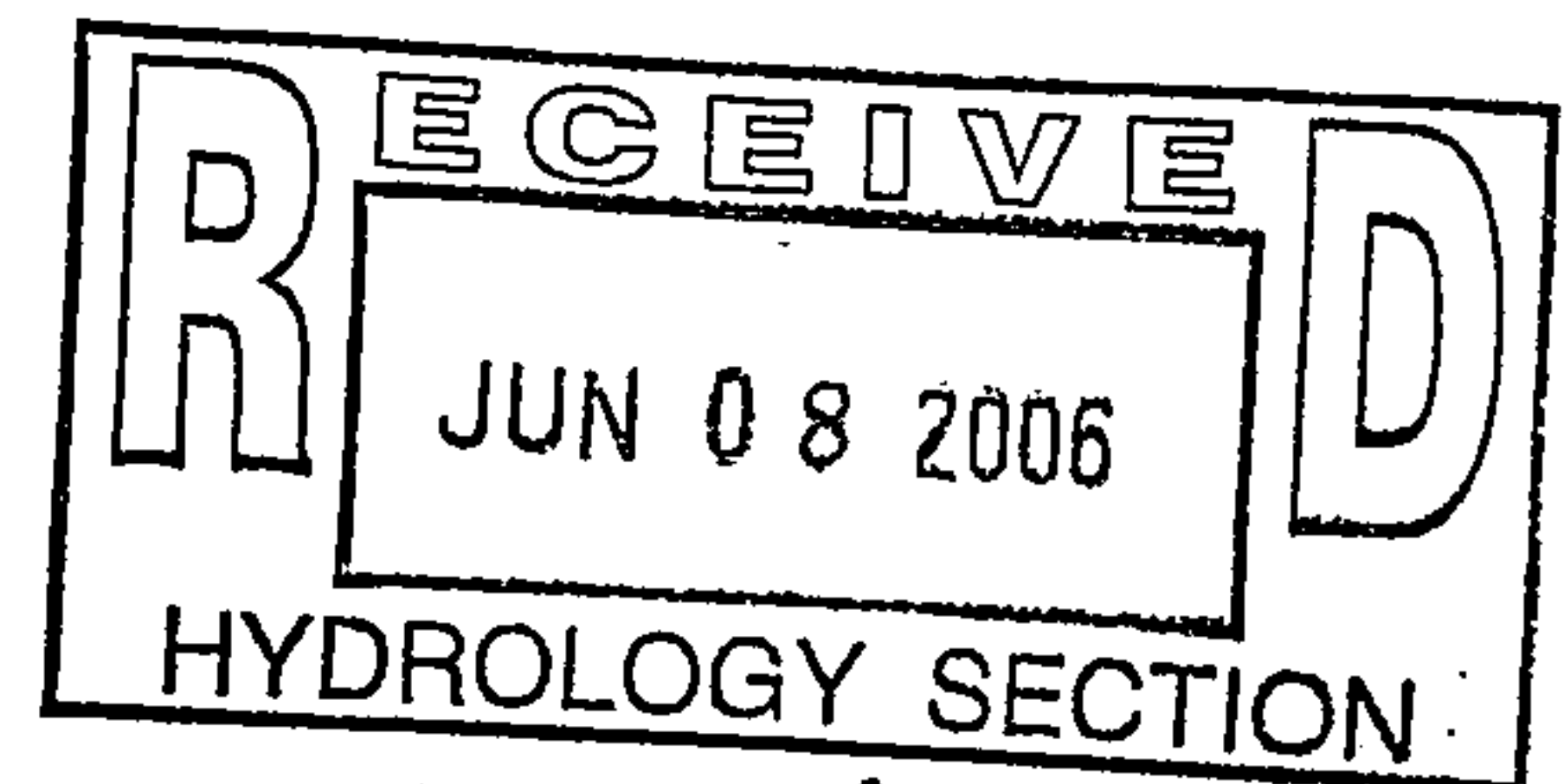
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL, **REQUIRES TCL or equal**
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☒ ENGINEERS CERTIFICATION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

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTEE RELEASE
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- ☐ 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: June 7, 2006

BY: PAVAN K. TOLETI (T. Parankumar)

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.



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539

TRAFFIC CERTIFICATION

I, **JOHN M. MACKENZIE**, NMPE # **11619**, OF THE FIRM OF **MARK GOODWIN AND ASSOCIATES, P.A.**, HEREBY CERTIFY THAT THIS PROJECT IS IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE DRB APPROVED PLAN DATED **7-27-05**. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY **J. Mackenzie** OF THE FIRM OF MARK GOODWIN AND ASSOCIATES, P.A. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON **5-18-06** 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.

(DESCRIBE ANY EXCEPTIONS AND/OR QUALIFICATIONS HERE IN A SEPARATE PARAGRAPH.)

(DESCRIBE ANY DEFICIENCIES AND/OR REQUIRED CORRECTIONS HERE IN A SEPARATE PARAGRAPH.)

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.

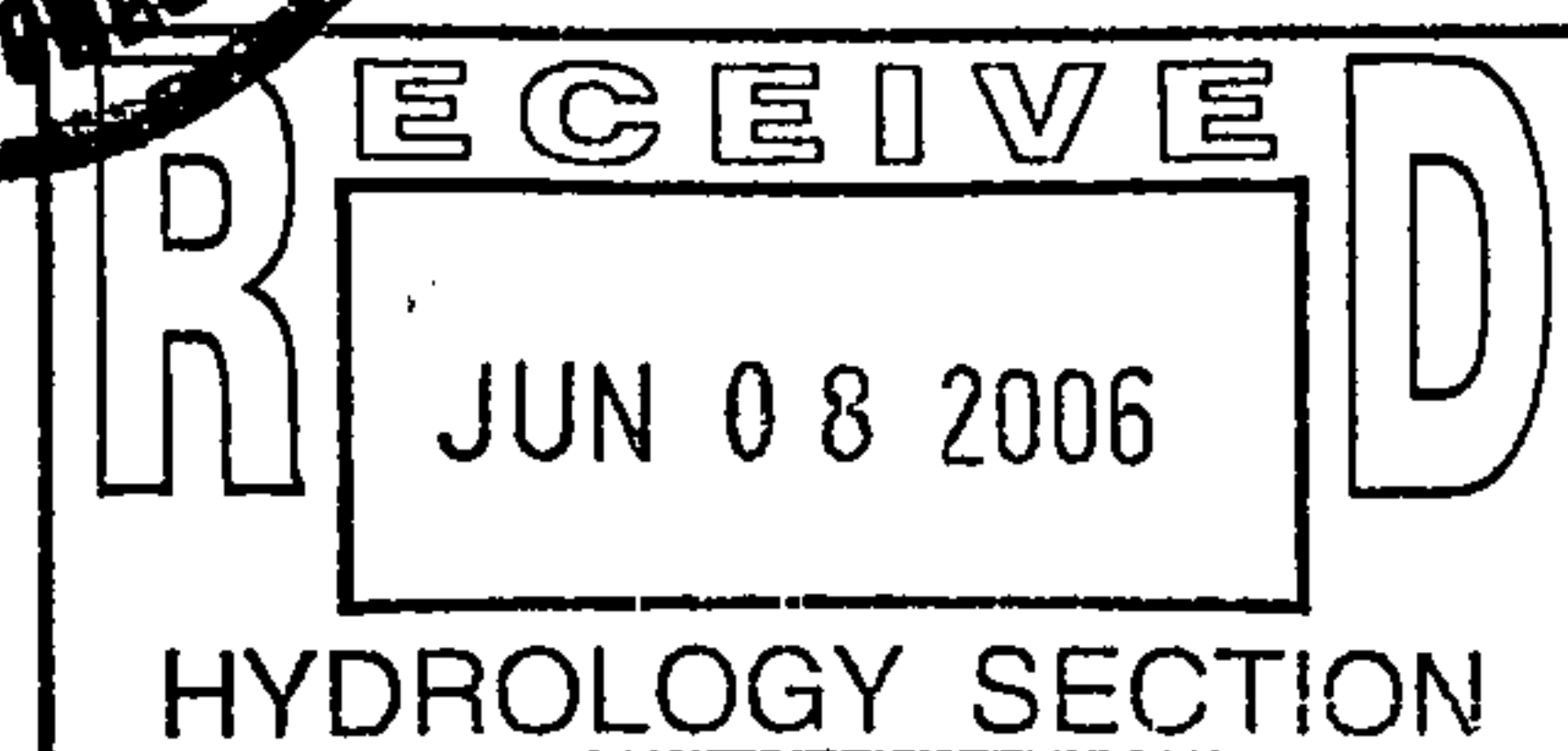
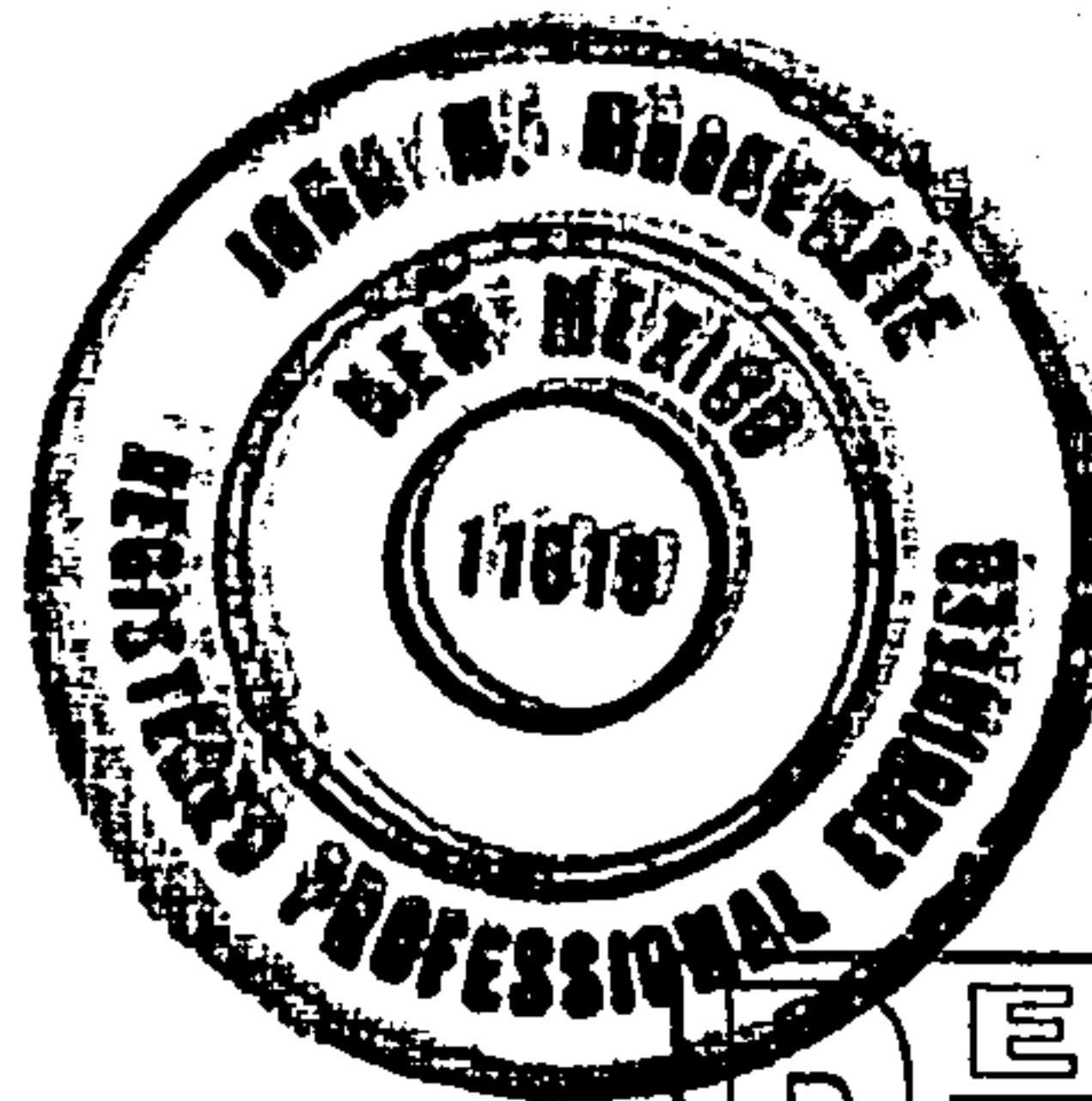


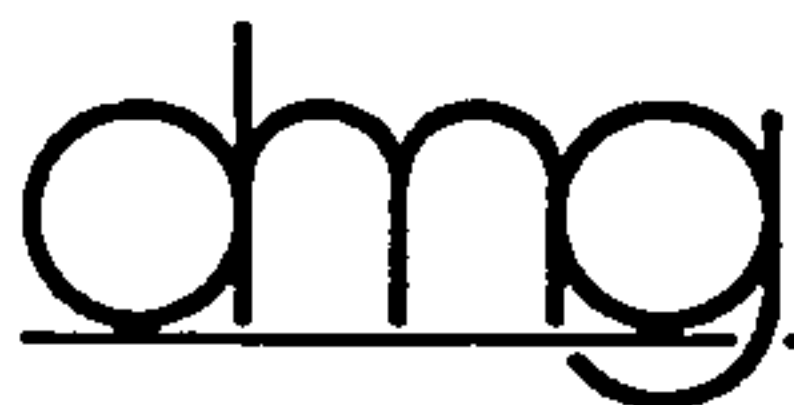
JOHN M. MACKENZIE,

NMPE # 11619

6-7-06 DATE

(SEAL)





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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539

MARK GOODWIN & ASSOCIATES, PA

LETTER OF TRANSMITTAL

TO: ARLENE PORTILLO

DATE: JUNE 7, 2006

PLAZA DEL SOL

ONE STOP SHOP

ALBUQUERQUE, NM

(505) 924-3982

RE: GRAYBAR CO

joe@goodwinengineers.com

ITEMS BEING TRANSMITTED

1	TCL for certification of site improvements for CO issue

☐ For Your Review

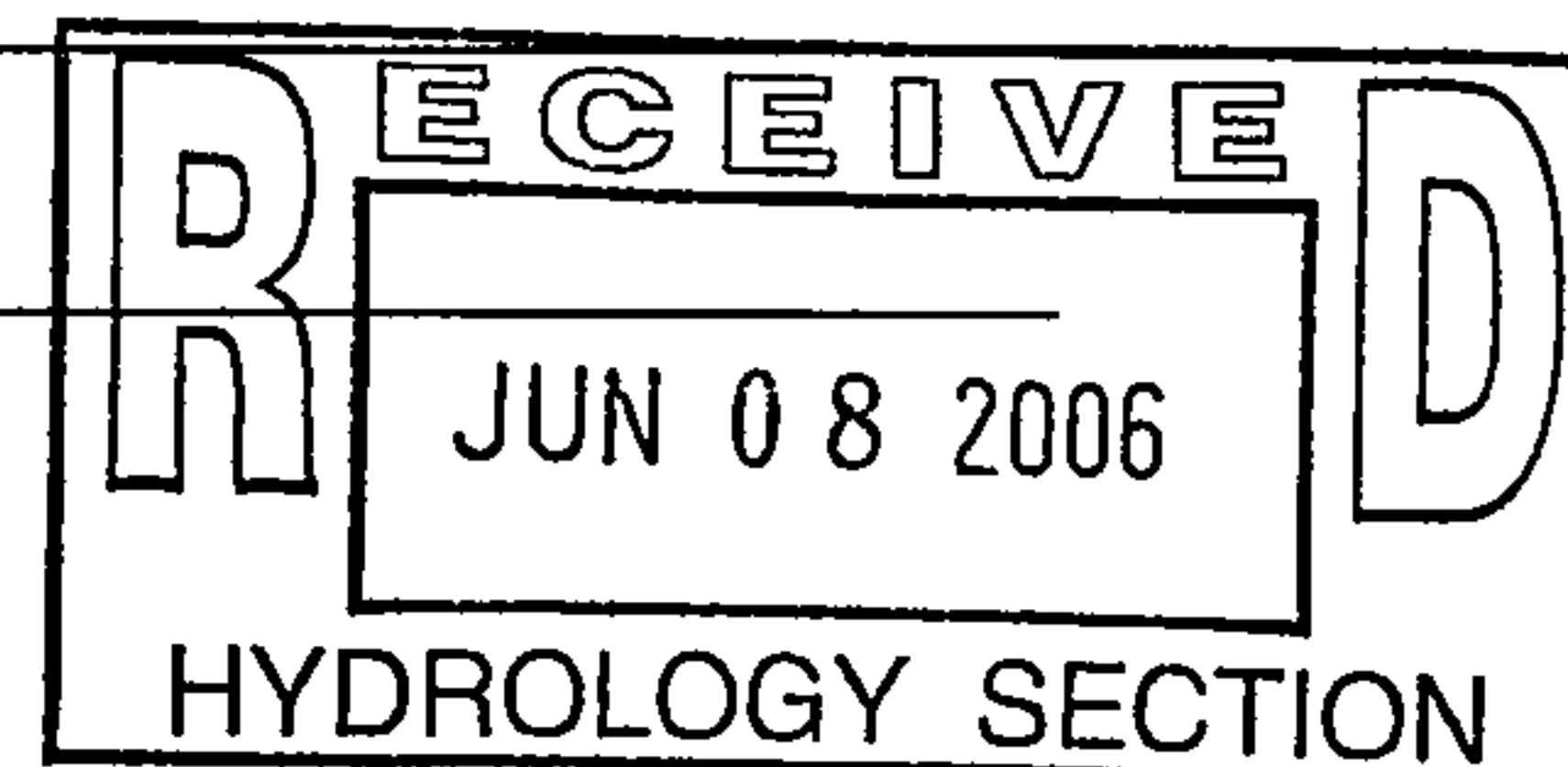
☐ For Your Records

☒ As you Requested

☐ For Your Comments

Thanks, Joe David

Project Manager: JM



CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

April 21, 2006

Mr. Mark Goodwin, PE
MARK GOODWIN & ASSOCIATES
P.O. Box 90606
Albuquerque, NM 87199

Re: Approval of Temporary Certificate of Occupancy (C.O.) for
GRAYBAR ELECTRIC, [H-14 / D1A]
281 Menaul Blvd. NE
Engineer's Stamp Dated 04/21/2006

Dear Mr. Goodwin:

Based on the information provided on your submittal dated April 21, 2006, the above referenced project is approved for a 30-day Temporary C.O.

When a final Certification for Transportation has been submitted 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

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539

April 21, 2006

Ms. Arlene Portillo
Plan Checker, Hydrology Division
City of Albuquerque
PO Box 1293
Albuquerque, NM 87103

Re: Graybar Electric – 281 Menual NE (TRANSPORTATION)

Dear Ms. Portillo:

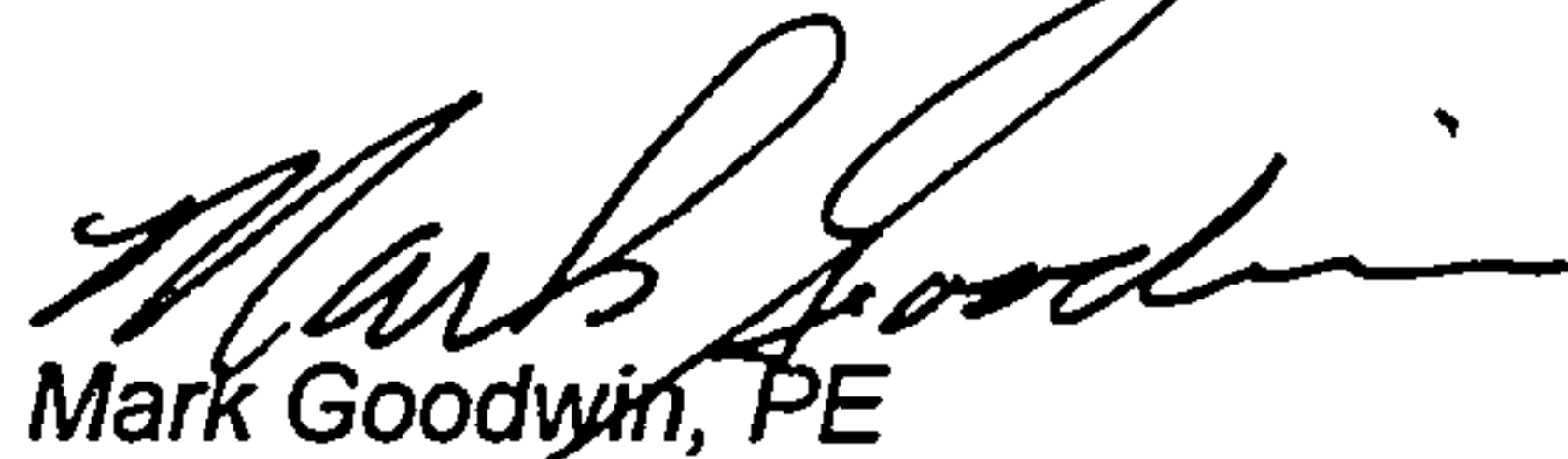
Per our conversation from this morning, I am submitting this letter of request for a Temporary Certificate of Occupancy for the referenced project. After personally visiting the above referenced site, I have determined that the project is in substantial compliance according to the plans.

We are requesting a Temporary Certificate of Occupancy at this time. A final as-built submittal will be made early next week.

Please contact our office if you have any questions.

Sincerely,

MARK GOODWIN & ASSOCIATES, P.A.


Mark Goodwin, PE
President

DMG/sr

CITY OF ALBUQUERQUE



April 21, 2006

Mr. Mark Goodwin, P.E.
MARK GOODWIN & ASSOCIATES
P.O. Box 90606
Albuquerque, NM 87199

Re: GRAYBAR ELECTRIC
381 Menaul Blvd. NE
Approval of Temporary Certificate of Occupancy (C.O.)
Engineer's Stamp dated 07/27/2005 (H-14-D1A)
Certification dated 04/21/2006

P.O. Box 1293

Dear Mark,

Albuquerque

Based upon the information provided in your submittal received 04/21/2006, the above referenced certification is approved for release of 30-day Temporary Certificate of Occupancy by Hydrology.

New Mexico 87103

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

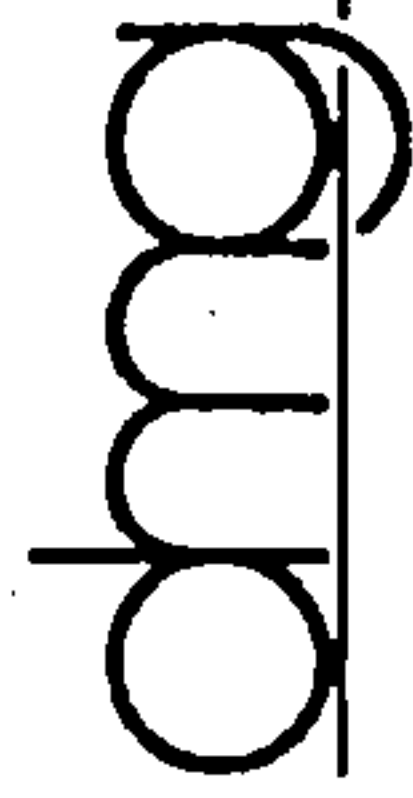
www.cabq.gov

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

C: CO Clerk
File



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539

April 21, 2006

Ms. Arlene Portillo
Plan Checker, Hydrology Division
City of Albuquerque
PO Box 1293
Albuquerque, NM 87103

Re: Graybar Electric -- 281 Manual NE (HYDROLOGY)

Dear Ms. Portillo:

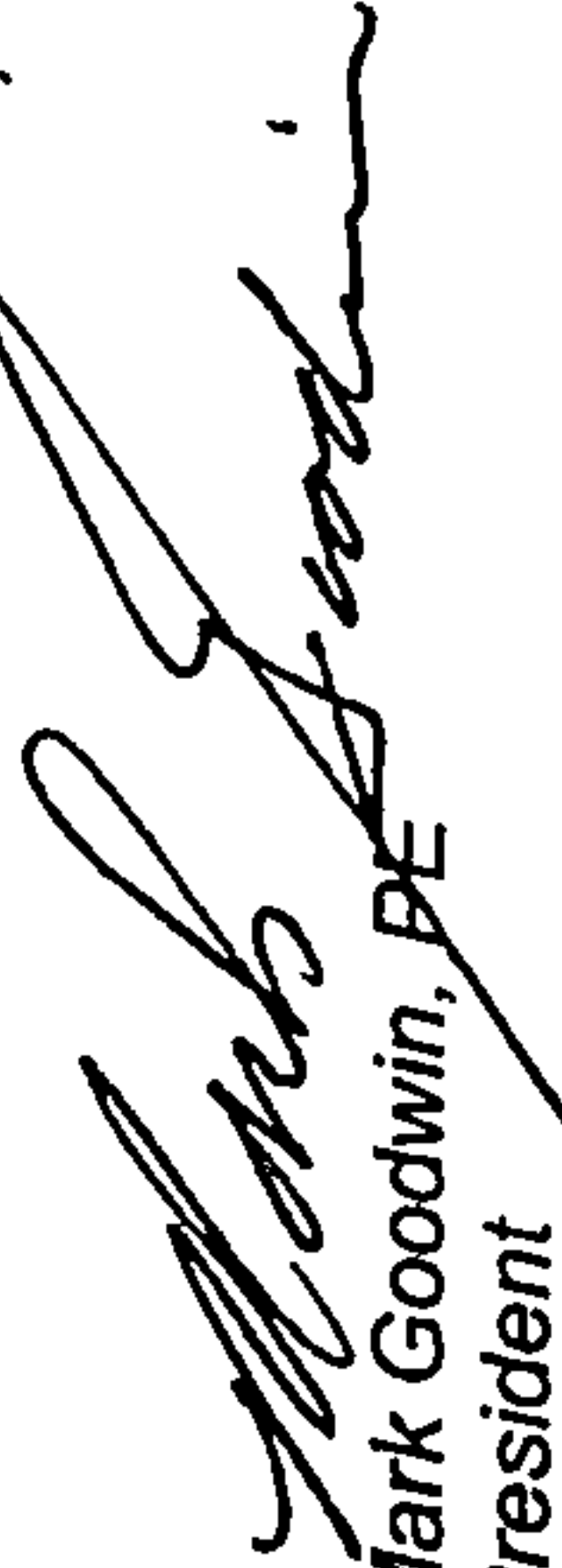
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We are requesting a Temporary Certificate of Occupancy at this time. A final as-built submittal will be made early next week.

Please contact our office if you have any questions.

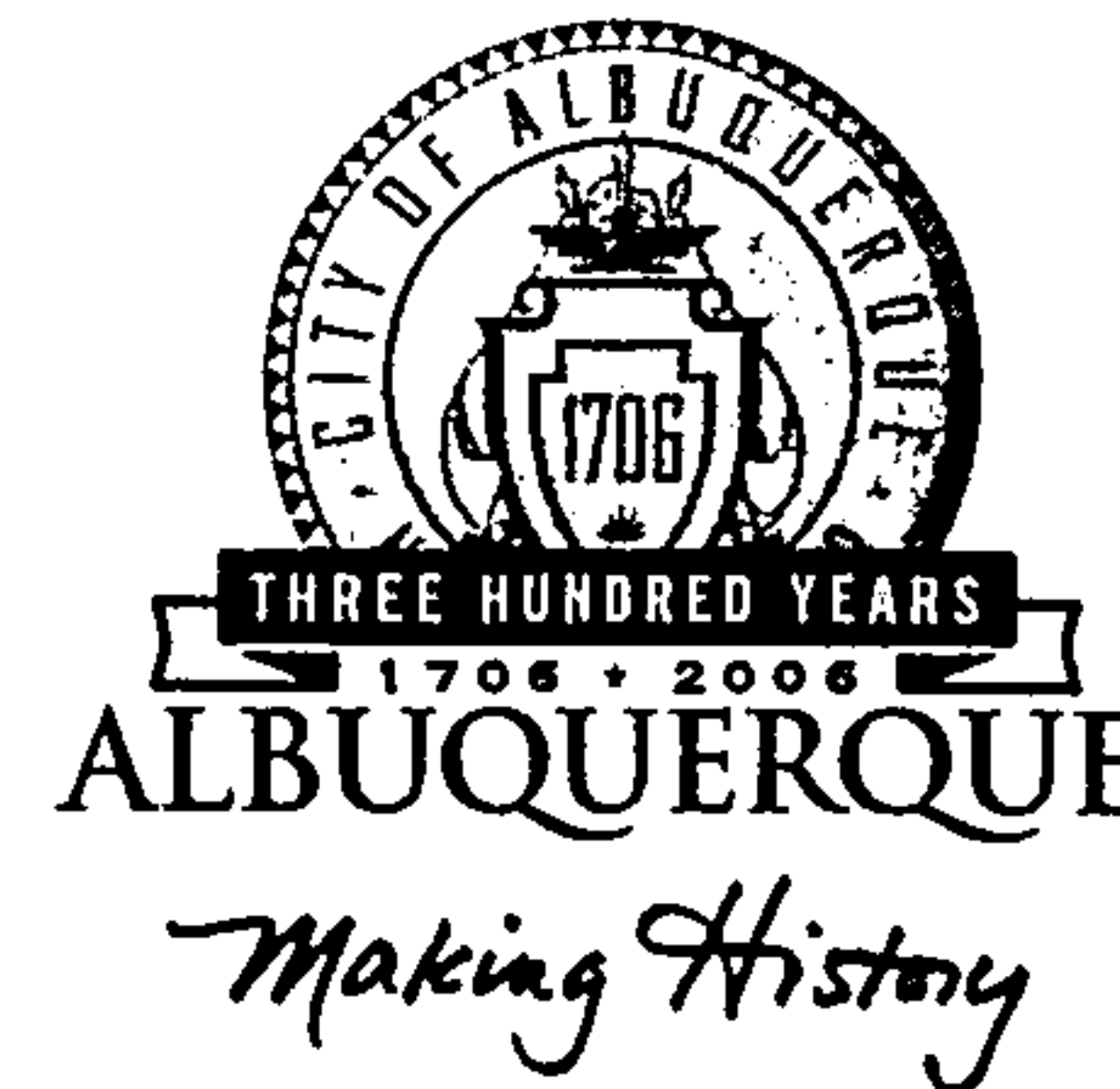
Sincerely,

MARK GOODWIN & ASSOCIATES, P.A.


Mark Goodwin, PE
President

DMG/sr

CITY OF ALBUQUERQUE



July 29, 2005

John MacKenzie, P.E.
Mark Goodwin & Associates, PA
P.O. Box 90606
Albuquerque, NM 87199

**Re: GrayBar Electric, 281 Menaul Blvd NE, Grading and Drainage Report
Engineer's Stamp dated 7-27-05 (H14-D1A)**

Dear Mr. MacKenzie,

Based upon the information provided in your submittal received 7-29-05, 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.

P.O. Box 1293

A separate permit (SO#19) is required for construction within City Right of Way. A copy of this approval letter must be on hand when applying for the excavation permit. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

Albuquerque

This project requires a National Pollutant Discharge Elimination System (NPDES) permit. If you have any questions regarding this permit please feel free to call the DMD Storm Drainage Design section at 768-3654 (Charles Caruso).

New Mexico 87103

www.cabq.gov

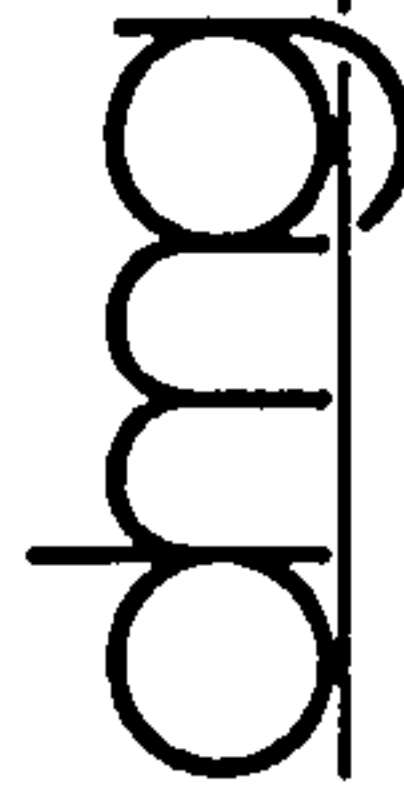
If you have any questions, you can contact me at 924-3981.

Sincerely,

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

C: Matt Cline, Arroyo Maintenance
Liz Sanchez, Excavation Permits
Charles Caruso, DMD Storm Drainage Design
File

SO-19 approved by Ed Elwell 6/8/06



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539

July 28, 2005

Kristal Metro,
Engineer Associate
Hydrology Development Section
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

Re: GrayBar Electric Grading and Drainage Plan (Engineer's Stamp dated 7/27/05)

Dear Ms. Metro:

The subject project is located on the NW corner of Broadway and Menaul NE, being Tracts A, B, C, and D of the Gateway Industrial Park Subdivision.

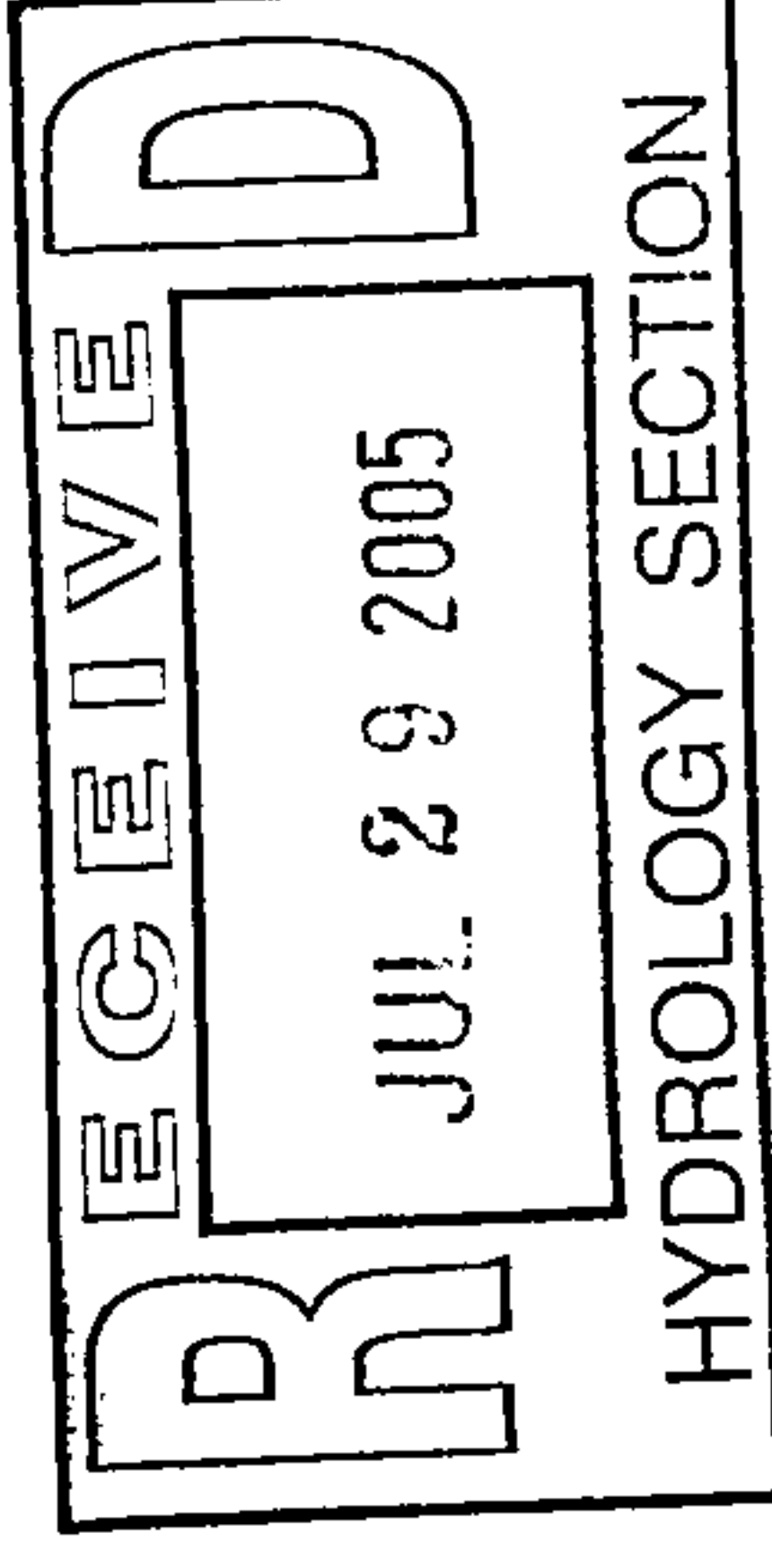
We are submitting the revised Grading and Drainage plan for your record, with added proposed contours, adjusted spot elevations, and lowered the private dock drain pipe where it connects into the existing storm drain manhole along Menaul. We are not sending the revised hydrology calculations as there are no changes in the hydrology calculations of the project.

Please contact our office if you have any questions.

Sincerely,
MARK GOODWIN & ASSOCIATES, P.A.

T. Parankumar
Pavan Toleti
Project Engineer

Attachment



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

H-14/D1

PROJECT TITLE: GrayBar Electric
DRB #: _____ EPC#: _____

ZONE MAP/DRG. FILE #: H-14-Z
WORK ORDER#: _____

LEGAL DESCRIPTION: Tract A, B, C, and D Gateway Industrial Park.
CITY ADDRESS: 281 Menaul Blvd. NE

ENGINEERING FIRM: Mark Goodwin & Associates, PA
ADDRESS: PO Box 90606
CITY, STATE: Albuquerque, NM

CONTACT: John MacKenzie, PE
PHONE: 828-2200
ZIP CODE: 87199

OWNER: Hensley Construction, Inc.
ADDRESS: 925 N. Rock Hill Road
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CONTACT: Mr. John Shemeld
PHONE: (314) 968-5550
ZIP CODE: 63119

ARCHITECT: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

SURVEYOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

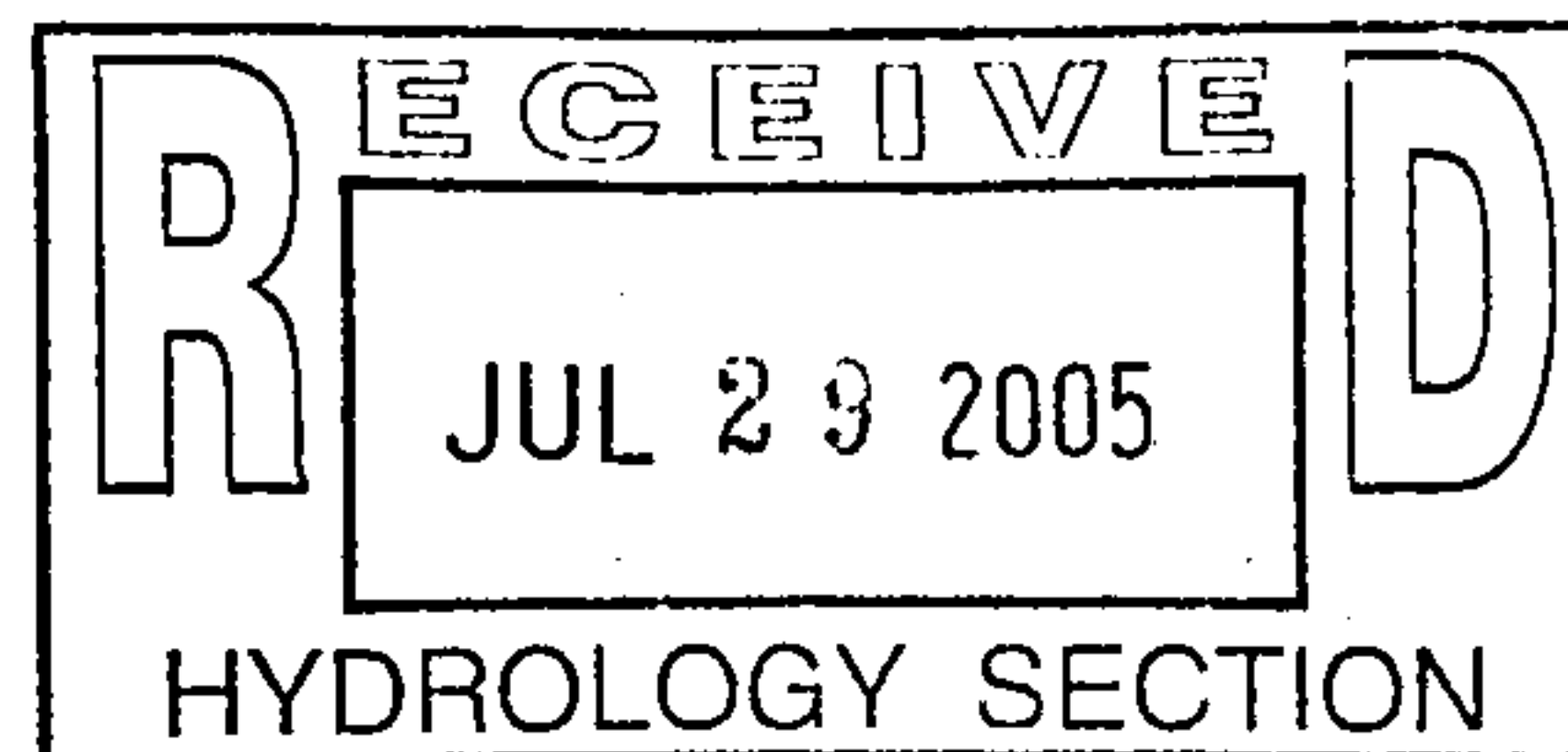
- | | |
|-------------------------------------|---|
| <input type="checkbox"/> | DRAINAGE REPORT |
| <input type="checkbox"/> | DRAINAGE PLAN 1 st SUBMITTAL, <i>REQUIRES TCL or equal</i> |
| <input type="checkbox"/> | DRAINAGE PLAN RESUBMITTAL |
| <input type="checkbox"/> | CONCEPTUAL GRADING & DRAINAGE 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"/> | ENGINEERS CERTIFICATION (TCL) |
| <input type="checkbox"/> | ENGINEERS 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 checked="" 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 type="checkbox"/> | PAVING PERMIT APPROVAL |
| <input type="checkbox"/> | WORK ORDER APPROVAL |
| <input checked="" type="checkbox"/> | OTHER (SPECIFY) <u>50-19</u> |

WAS A PRE-DESIGN CONFERENCE ATTENDED:

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



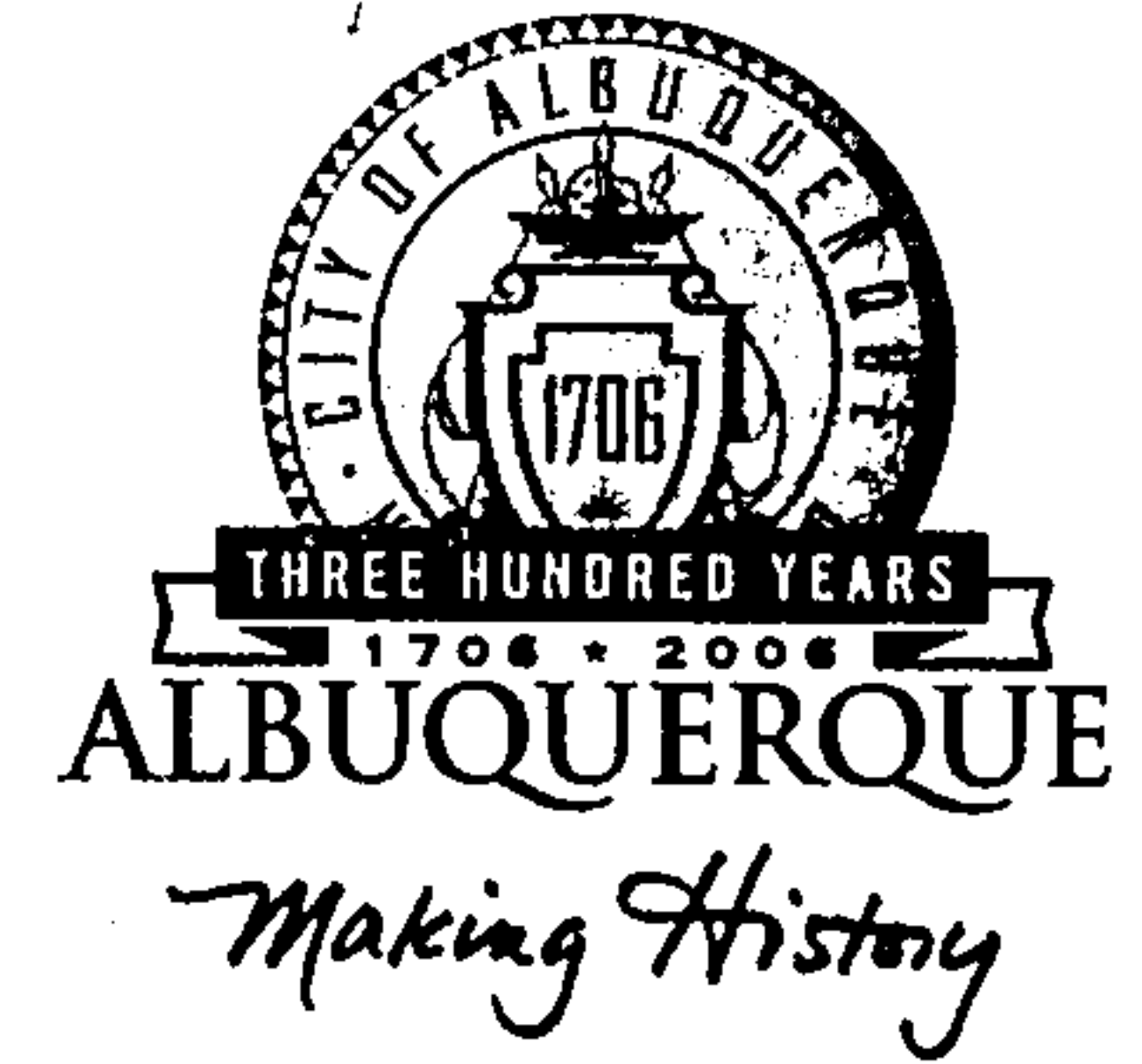
DATE SUBMITTED: July 28th 2005

BY: T. Parankumar (PAVAN K. TOLEI)

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:

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CITY OF ALBUQUERQUE



July 20, 2005

John MacKenzie, P.E.
Mark Goodwin & Associates, PA
P.O. Box 90606
Albuquerque, NM 87199

**Re: GrayBar Electric, 281 Menaul Blvd NE, Grading and Drainage Report
Engineer's Stamp dated 7-12-05 (H14-D1A)**

Dear Mr. MacKenzie,

Based upon the information provided in your submittal received 7-19-05, 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.

P.O. Box 1293

A separate permit (SO#19) is required for construction within City Right of Way. A copy of this approval letter must be on hand when applying for the excavation permit. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

Albuquerque

This project requires a National Pollutant Discharge Elimination System (NPDES) permit. If you have any questions regarding this permit please feel free to call the DMD Storm Drainage Design section at 768-3654 (Charles Caruso).

New Mexico 87103

www.cabq.gov

If you have any questions, you can contact me at 924-3981.

Sincerely,

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

C: Matt Cline, Arroyo Maintenance
Liz Sanchez, Excavation Permits
Charles Caruso, DMD Storm Drainage Design
File

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

H-14/D1

PROJECT TITLE: GrayBar Electric
DRB #: _____ EPC#: _____

ZONE MAP/DRG. FILE #: H-14-Z
WORK ORDER#: _____

LEGAL DESCRIPTION: Tract A, B, C, and D Gateway Industrial Park.
CITY ADDRESS: 281 Menaul Blvd. NE

ENGINEERING FIRM: Mark Goodwin & Associates, PA
ADDRESS: PO Box 90606
CITY, STATE: Albuquerque, NM

CONTACT: John MacKenzie, PE
PHONE: 828-2200
ZIP CODE: 87199

OWNER: Hensley Construction, Inc.
ADDRESS: 925 N. Rock Hill Road
CITY, STATE: St. Louis, MO

CONTACT: Mr. John Shemeld
PHONE: (314) 968-5550
ZIP CODE: 63119

ARCHITECT: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

SURVEYOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

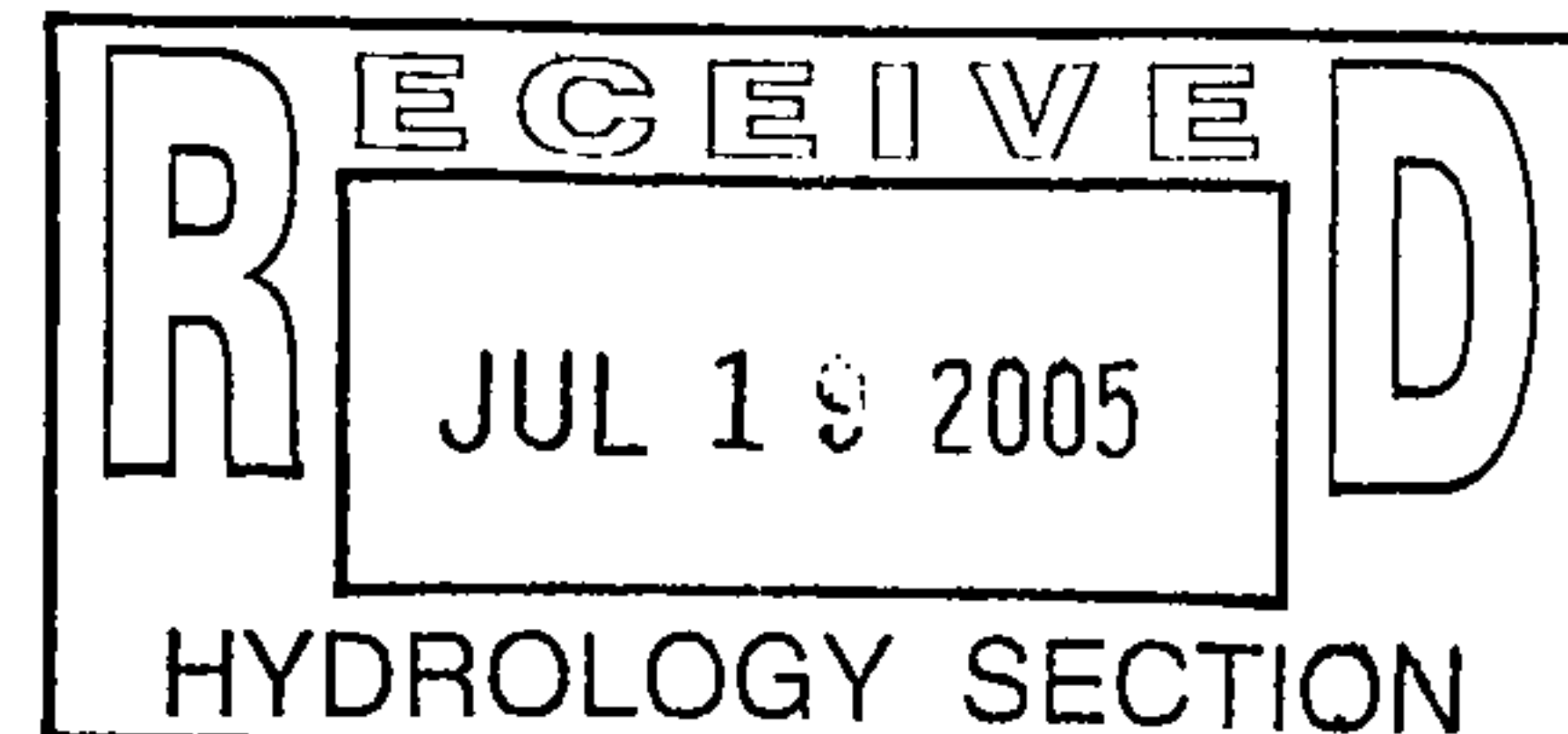
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL, **REQUIRES TCL or equal**
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN - *Resub.*
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEERS 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) **So-19**

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☒ NO
- ☐ COPY PROVIDED



DATE SUBMITTED: 7/12/05

BY: T. Parankumar (PAVAN K. TOLEI)

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.

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

H-14/DIA

PROJECT TITLE: GrayBar Electric
DRB #: _____ EPC#: _____

ZONE MAP/DRG. FILE #: H-14-Z
WORK ORDER#: _____

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CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

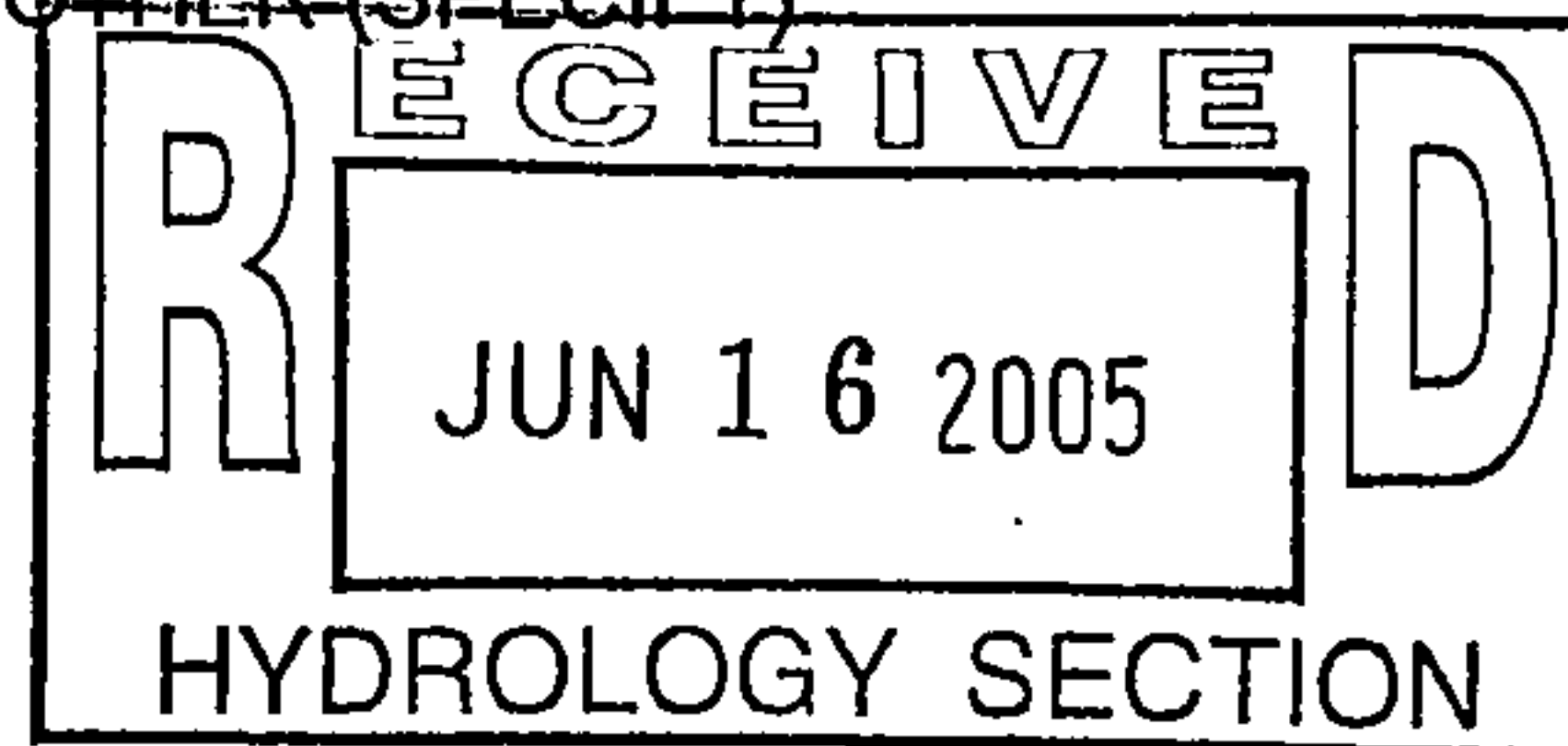
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☒ DRAINAGE PLAN 1st SUBMITTAL, *REQUIRES TCL or equal*
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☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ ENGINEERS CERTIFICATION (TCL)
☐ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
☐ OTHER

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☒ 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: 6-16-05

BY: John MacKenzie

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:

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DRAINAGE REPORT

for

GrayBar Electric

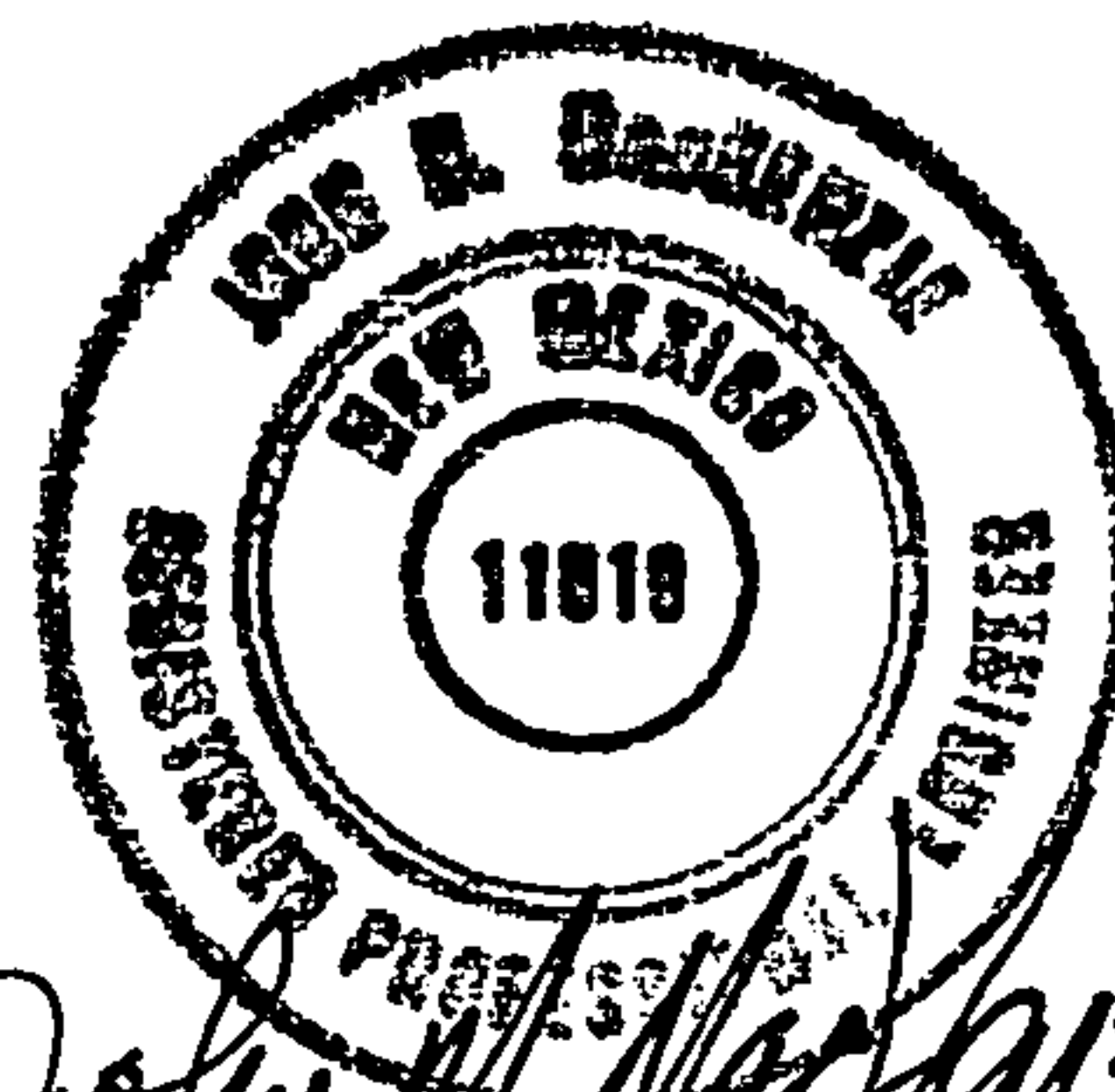
Prepared for

*Hensley Construction, Inc.
925 N. rock Hill Road
St. Louis, MO
(314) 968-5550*

Prepared by

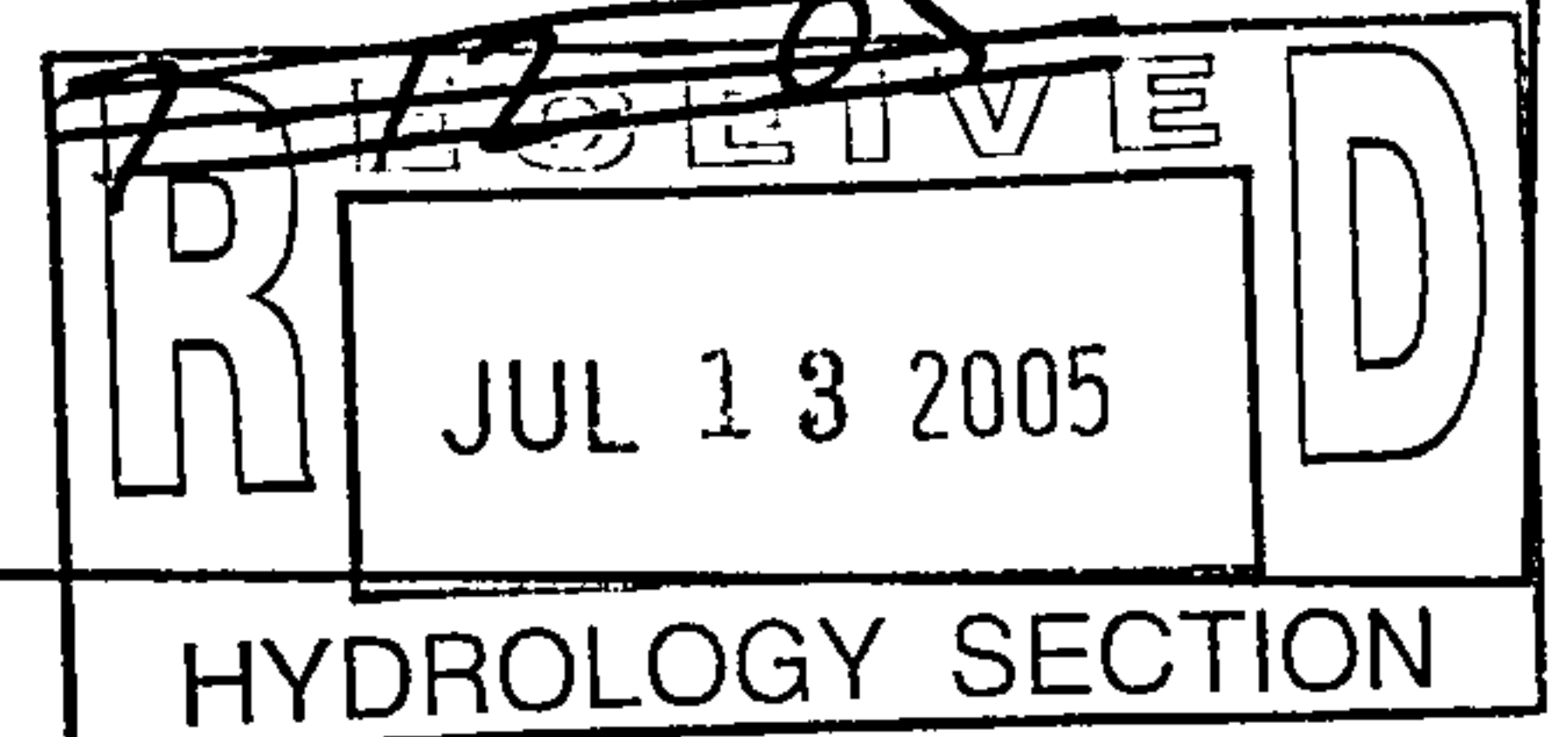
*Mark Goodwin & Associates, PA
P.O. Box 90606
Albuquerque, NM 87199
(505) 828-2200*

July, 2005

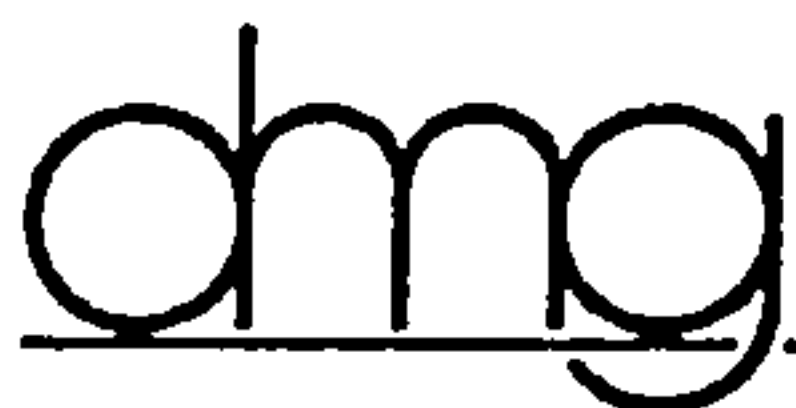


6-16-05

John W. MacKazie



D. MARK GOODWIN & ASSOCIATES



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539

June 16, 2005

Mr. Brad Bingham, PE
Hydrology Section Division Head
City of Albuquerque
PO Box 1293
Albuquerque, NM 87103

Re: GrayBar Electric Grading and Drainage Plan (Engineer's Stamp dated 6/16/05)

Dear Mr. Bingham:

The subject project is located on the NW corner of Broadway and Menaul NE, being Tracts A, B, C, and D of the Gateway Industrial Park Subdivision. These tracts were developed along with the rest of the subdivision's tracts in 2001.

In connection with that subdivision a drainage master plan was previously approved for the entire industrial park (Tracts A-M) in the year 2000 (engineer's stamp dated 9-19-00, attached hereto). For the northern half of the four southern tracts of the original industrial park (subject property) a new storm drain was installed directly west of the adjoining Tract "E" that collected runoff from Tract C and D before discharging into the existing Claremont Detention Pond. This 18" storm drain was designed to accept developed runoff the northern half of the subject property.

Prior to development of the Gateway Industrial Park the City of Albuquerque installed a large diameter storm drain in Menaul Blvd. that discharged to the Claremont Detention Basin for the purpose of draining areas along Menaul Blvd. between the railroad tracks and the Big I. The approved master plan for this site called for the southern half of the subject property to discharge to that existing storm drain in Menaul. The existing Menaul storm drain runs along the north R/W line of Menaul Blvd. adjacent to the site. At several locations along the site's frontage there are existing inlets to which runoff from this site will drain. In accordance with the approved drainage master plan, this plan proposes to install two new on-site inlets that will connect to the existing Menaul storm drain.

The proposed grading and drainage plan for the new GrayBar Electric building complies with the Gateway Master Drainage Plan by splitting flow into basins discharging north and discharging south toward existing public drainage infrastructure. According to AHYMO total developed flow to the north during the 100-year, 6-hour storm is 7.69 cfs (Basin A). The allowable flow to the north per the master plan is 7.83 cfs. Total flow discharging to the south is 9.61 cfs, while the allowable per the master plan is 10.32 cfs.

This is a request for approval of both a conceptual grading and drainage plan and a building permit grading and drainage plan. If after your review there are outstanding issues that still need to be addressed, please attach your comments to the building permit request and grant conceptual grading and drainage plan approval.

Please contact me if I can be of further assistance.

Sincerely,

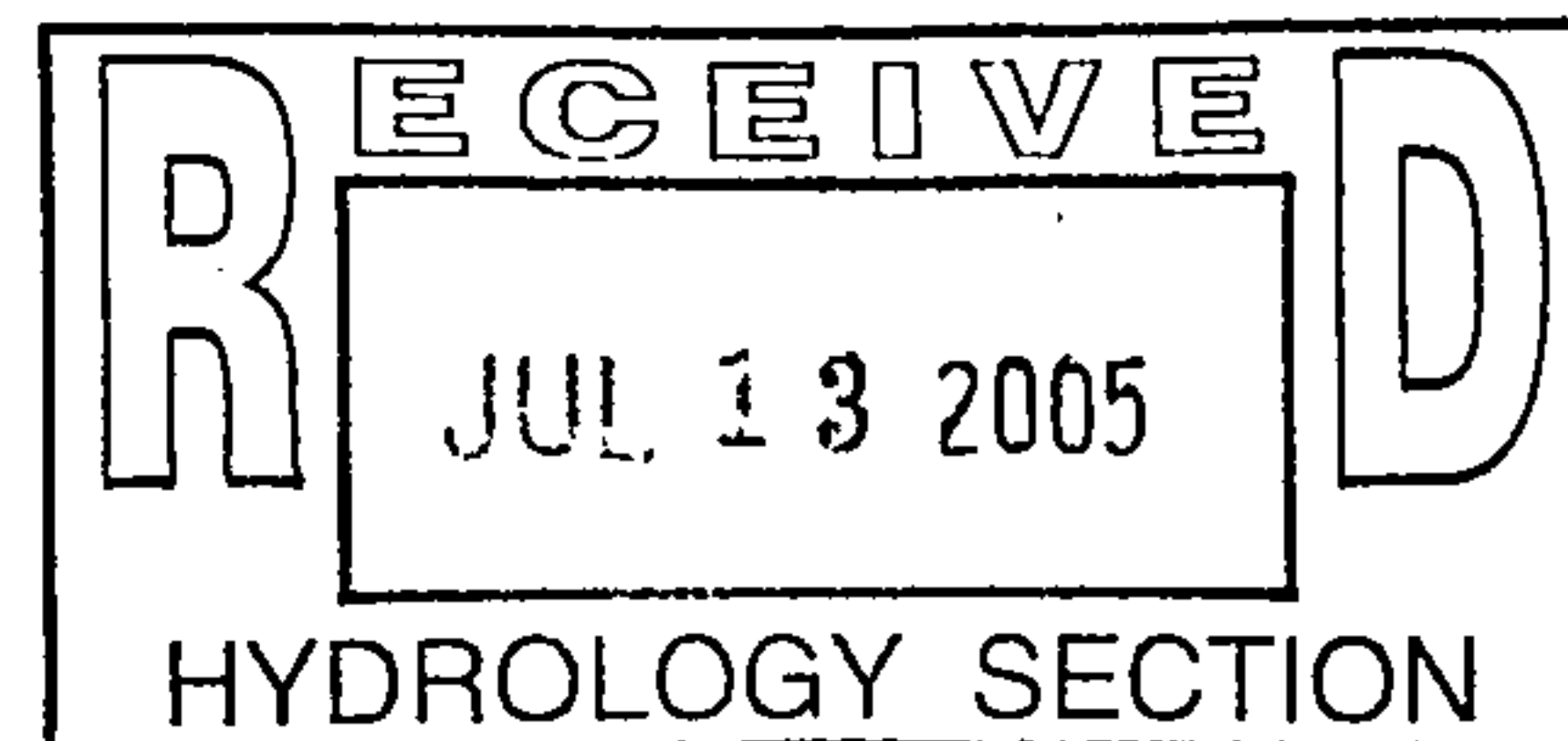
MARK GOODWIN & ASSOCIATES, PA

T. Pavan Toleti
Pavan Toleti
Project Engineer

TPK

Attachment

f:\11-projects\2005\A05006\G & D submittal.doc



AHYMO PROGRAM (AHYMO_97) -
1997.02d

- Version:

RUN DATE (MON/DAY/YR) = 06/16/2005
START TIME (HR:MIN:SEC) = 09:16:31 USER NO.= AHYMO-I-
9702dGoodwinM-AH
INPUT FILE = C:\DOCUME~1\pavan\Desktop\PAVAN\GRAYBA~1.DAT

START TIME=0.0
***** AHYMO - GRAYBAR.DAT
***** JUNE 16, 2005
***** HYDOLOGY FOR THE GRAYBAR ELECTRIC

RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=2.01 IN RAIN SIX=2.35 IN
RAIN DAY=2.75 IN DT=0.0333 HR

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

HOURS	DT = .033300 HOURS	END TIME = 5.994000
.0000	.0016	.0033
.0102	.0120	.0139
.0241	.0263	.0285
.0410	.0438	.0467
.0630	.0668	.0708
.1059	.1359	.1822
.8028	1.0352	1.2584
1.6150	1.6682	1.7178
1.9255	1.9605	1.9937
2.0972	2.1030	2.1085
2.1327	2.1370	2.1412
2.1602	2.1637	2.1671
2.1830	2.1859	2.1889
2.2026	2.2052	2.2078
2.2200	2.2223	2.2246
2.2356	2.2377	2.2397
2.2498	2.2517	2.2536
2.2629	2.2647	2.2664
2.2750	2.2767	2.2784
2.2864	2.2880	2.2895

2.2971						
	2.2986	2.3000	2.3015	2.3029	2.3044	2.3058
2.3072						
	2.3086	2.3100	2.3113	2.3127	2.3141	2.3154
2.3168						
	2.3181	2.3194	2.3207	2.3220	2.3233	2.3246
2.3259						
	2.3271	2.3284	2.3297	2.3309	2.3321	2.3334
2.3346						
	2.3358	2.3370	2.3382	2.3394	2.3406	2.3418
2.3429						
	2.3441	2.3452	2.3464	2.3475	2.3487	2.3498

***** BASIN A - (1.8589 ACRES)

COMPUTE NM HYD ID=2 HYD NO=100.2 AREA=0.0029 SQ MI
 PER A=0 PER B=14.5 PER C=13.5 PER D=72
 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000
 SHAPE CONSTANT, N = 7.106420
 UNIT PEAK = 8.2435 CFS UNIT VOLUME = .9980 B =
 526.28 P60 = 2.0100
 AREA = .002088 SQ MI IA = .10000 INCHES INF =
 .04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER
 METHOD - DT = .033300

K = .120207HR TP = .133300HR K/TP RATIO = .901777
 SHAPE CONSTANT, N = 3.929601
 UNIT PEAK = 2.1348 CFS UNIT VOLUME = .9944 B =
 350.45 P60 = 2.0100
 AREA = .000812 SQ MI IA = .42768 INCHES INF =
 1.04750 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER
 METHOD - DT = .033300

PRINT HYD ID=2 CODE=24

PARTIAL HYDROGRAPH 100.20

FLOW	TIME	FLOW	TIME	FLOW	TIME
	HRS	CFS	HRS	CFS	HRS
CFS	HRS	CFS	HRS	CFS	HRS
	.000	.0	1.998	1.7	3.996
.0	5.994	.0			
	.666	.0	2.664	.2	4.662
.0	6.660	.0			
	1.332	2.0	3.330	.0	5.328
.0					

RUNOFF VOLUME = 1.78359 INCHES = .2759 ACRE-FEET
 PEAK DISCHARGE RATE = 7.69 CFS AT 1.499 HOURS BASIN
 AREA = .0029 SQ. MI.

***** BASIN B - (1.3987 ACRES)

COMPUTE NM HYD ID=3 HYD NO=100.3 AREA=0.0021 SQ MI
 PER A=0 PER B=15 PER C=0 PER D=85
 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000
 SHAPE CONSTANT, N = 7.106420
 UNIT PEAK = 7.0473 CFS UNIT VOLUME = .9978 B =
 526.28 P60 = 2.0100
 AREA = .001785 SQ MI IA = .10000 INCHES INF =
 .04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER
 METHOD - DT = .033300

K = .132088HR TP = .133300HR K/TP RATIO = .990905
 SHAPE CONSTANT, N = 3.563124
 UNIT PEAK = .76779 CFS UNIT VOLUME = .9831 B =
 324.91 P60 = 2.0100
 AREA = .000315 SQ MI IA = .50000 INCHES INF =
 1.25000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER
 METHOD - DT = .033300

PRINT HYD ID=3 CODE=24

PARTIAL HYDROGRAPH 100.30

TIME	FLOW	TIME	FLOW	TIME
TIME	FLOW	TIME	FLOW	TIME
HRS	CFS	HRS	CFS	HRS
HRS	CFS	HRS	CFS	HRS
.000	.0	1.332	1.7	2.664
3.996	.0	5.328	.0	
.666	.0	1.998	1.4	3.330
4.662	.0	5.994	.0	

RUNOFF VOLUME = 1.91475 INCHES = .2145 ACRE-FEET
 PEAK DISCHARGE RATE = 5.84 CFS AT 1.499 HOURS BASIN
 AREA = .0021 SQ. MI.

***** BASIN C - (0.5771 ACRES)

COMPUTE NM HYD ID=3 HYD NO=100.3 AREA=0.0009 SQ MI
 PER A=0 PER B=30 PER C=0 PER D=70
 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000
 SHAPE CONSTANT, N = 7.106420
 UNIT PEAK = 2.4873 CFS UNIT VOLUME = .9948 B =
 526.28 P60 = 2.0100
 AREA = .000630 SQ MI IA = .10000 INCHES INF =
 .04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER
 METHOD - DT = .033300

K = .132088HR TP = .133300HR K/TP RATIO = .990905
 SHAPE CONSTANT, N = 3.563124
 UNIT PEAK = .65810 CFS UNIT VOLUME = .9799 B =
 324.91 P60 = 2.0100

AREA = .000270 SQ MI IA = .50000 INCHES INF = 1.25000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER
 METHOD - DT = .033300

PRINT HYD ID=3 CODE=24

PARTIAL HYDROGRAPH 100.30

FLOW	TIME	FLOW	TIME	FLOW	TIME
	HRS	CFS		HRS	CFS
.0	.000	.0	1.332	.6	2.664
.0	3.996	.0	5.328	.0	
.0	.666	.0	1.998	.5	3.330
.0	4.662	.0	5.994	.0	

RUNOFF VOLUME = 1.71416 INCHES = .0823 ACRE-FEET
 PEAK DISCHARGE RATE = 2.30 CFS AT 1.499 HOURS BASIN
 AREA = .0009 SQ. MI.

***** BASIN D - (0.3693 ACRES)
 COMPUTE NM HYD ID=3 HYD NO=100.3 AREA=0.00057 SQ MI
 PER A=0 PER B=30 PER C=0 PER D=70
 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000
 SHAPE CONSTANT, N = 7.106420
 UNIT PEAK = 1.5753 CFS UNIT VOLUME = .9922 B = 526.28
 P60 = 2.0100
 AREA = .000399 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER
 METHOD - DT = .033300

K = .132088HR TP = .133300HR K/TP RATIO = .990905
 SHAPE CONSTANT, N = 3.563124
 UNIT PEAK = .41680 CFS UNIT VOLUME = .9666 B = 324.91
 P60 = 2.0100
 AREA = .000171 SQ MI IA = .50000 INCHES INF = 1.25000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER
 METHOD - DT = .033300

PRINT HYD ID=3 CODE=24

PARTIAL HYDROGRAPH 100.30

FLOW	TIME	FLOW	TIME	FLOW	TIME
	HRS	CFS		HRS	CFS
.0	.000	.0	1.332	.4	2.664
.0	3.996	.0	5.328	.0	
.0	.666	.0	1.998	.3	3.330
.0	4.662	.0	5.994	.0	

RUNOFF VOLUME = 1.71416 INCHES = .0521 ACRE-FEET
PEAK DISCHARGE RATE = 1.47 CFS AT 1.499 HOURS BASIN
AREA = .0006 SQ. MI.

FINISH

NORMAL PROGRAM FINISH

END TIME (HR:MIN:SEC) = 09:16:31