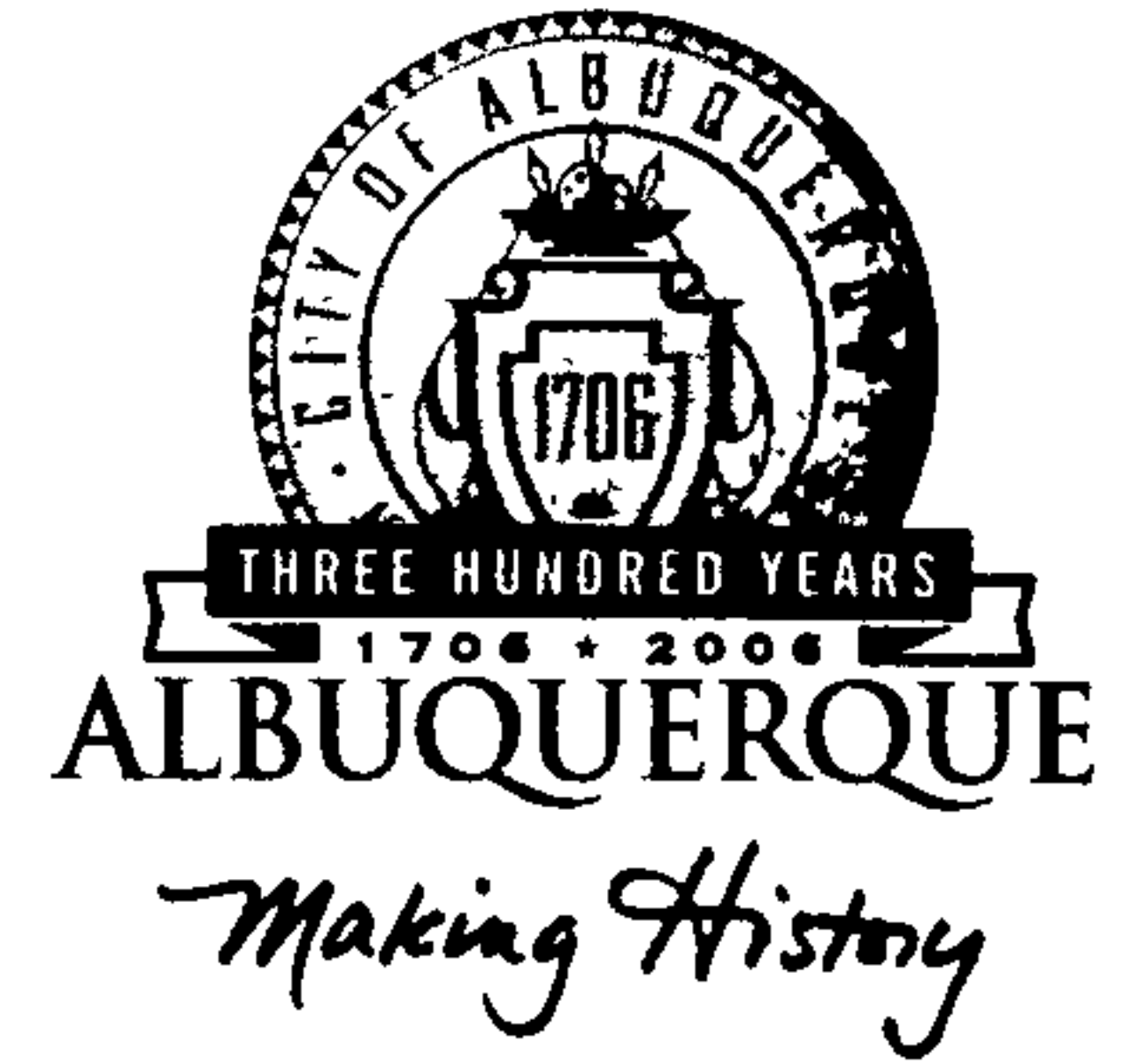


CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

October 19, 2004

James C. Lewis, Registered Architect
1629 Central SE
Albuquerque, NM 87106

Re: Certification Submittal for Final Building Certificate of Occupancy for
Alameda Bus.Park, Lot 28-Warehouse, [C-16 / D6EE]
8700 Alameda Park NE
Architect's Stamp Dated 10/18/04

Dear Mr. Lewis:

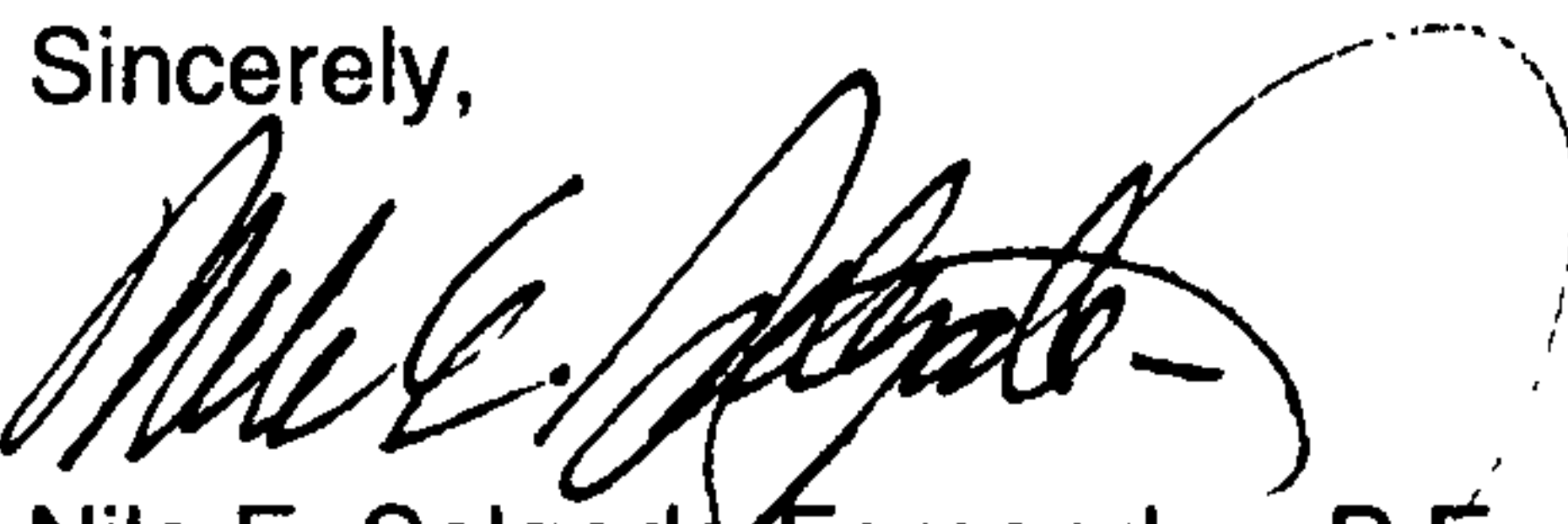
P.O. Box 1293

The TCL / Letter of Certification submitted on October 19, 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

C-16/DOOR EE

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: Alameda Bus. Park, Lot 28-Warehouse
 PROJECT TITLE: 8700 ALAMEDA PARK WAREHOUSE ZONE MAP/DRG. FILE #: C-16
 DRB #: 04-00527 EPC#: 1003370 WORK ORDER#:

LEGAL DESCRIPTION: LOT 28 ALAMEDA BUSINESS PARK
 CITY ADDRESS: 8700 ALAMEDA PARK RD. NE

ENGINEERING FIRM:
 ADDRESS:
 CITY, STATE:

CONTACT:
 PHONE:
 ZIP CODE:

OWNER:
 ADDRESS:
 CITY, STATE:

CONTACT:
 PHONE:
 ZIP CODE:

ARCHITECT: SCHLEGEL LEWIS ARCHITECTS
 ADDRESS: 1670 CENTRAL SE
 CITY, STATE: ALBUQUERQUE NM

CONTACT: DAVID ABBOTT
 PHONE: 247-1529
 ZIP CODE: 87106

SURVEYOR:
 ADDRESS:
 CITY, STATE:

CONTACT:
 PHONE:
 ZIP CODE:

CONTRACTOR:
 ADDRESS:
 CITY, STATE:

CONTACT:
 PHONE:
 ZIP CODE:

CHECK TYPE OF SUBMITTAL:

CHECK TYPE OF APPROVAL SOUGHT:

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

- ☐ SIA / 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)

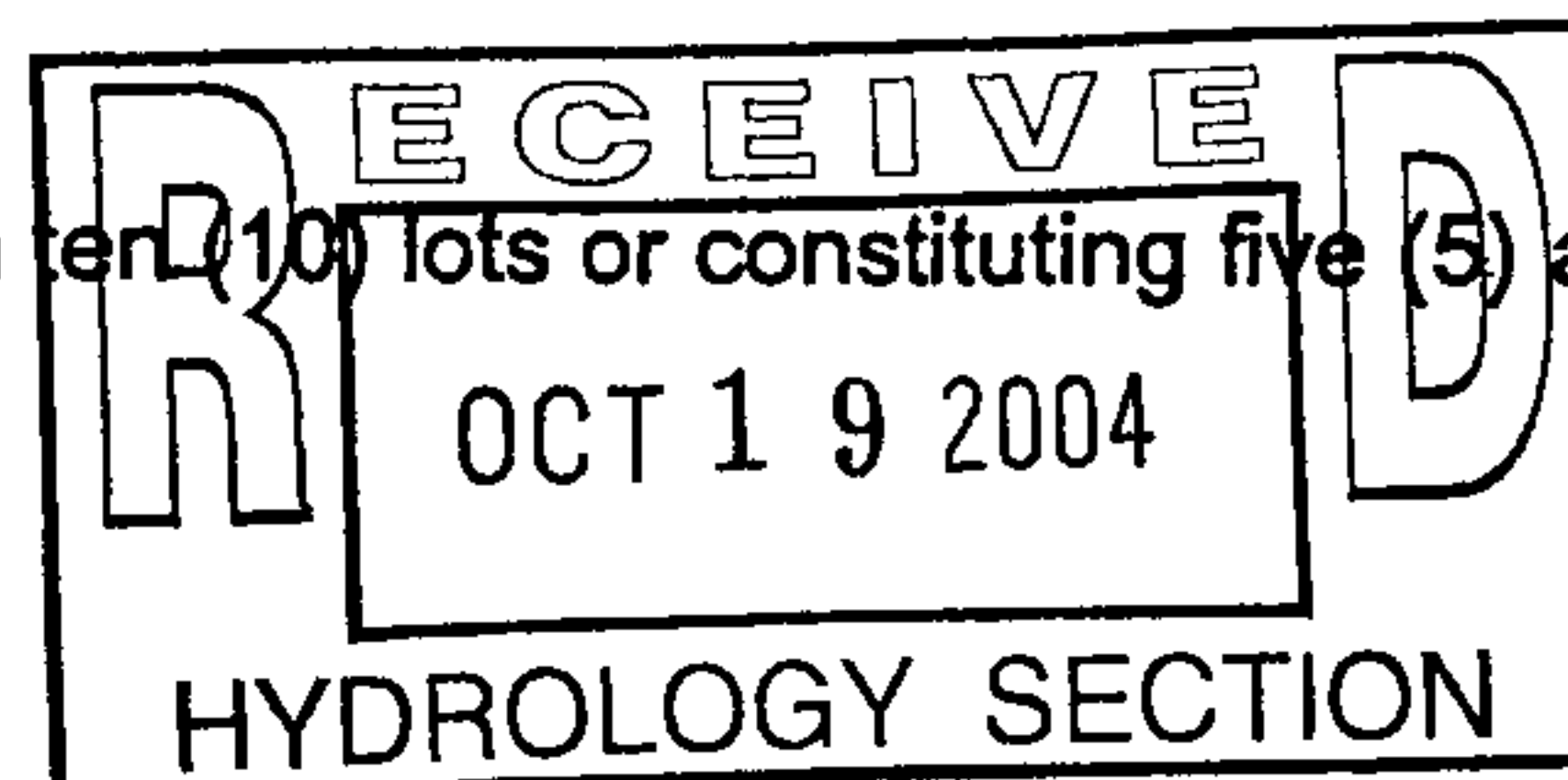
WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 10/19/04 BY: [Signature]

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.



Schlegel Lewis Architects

10/18/04

Letter of Architectural Certification
submitted for final
Certificate of Occupancy

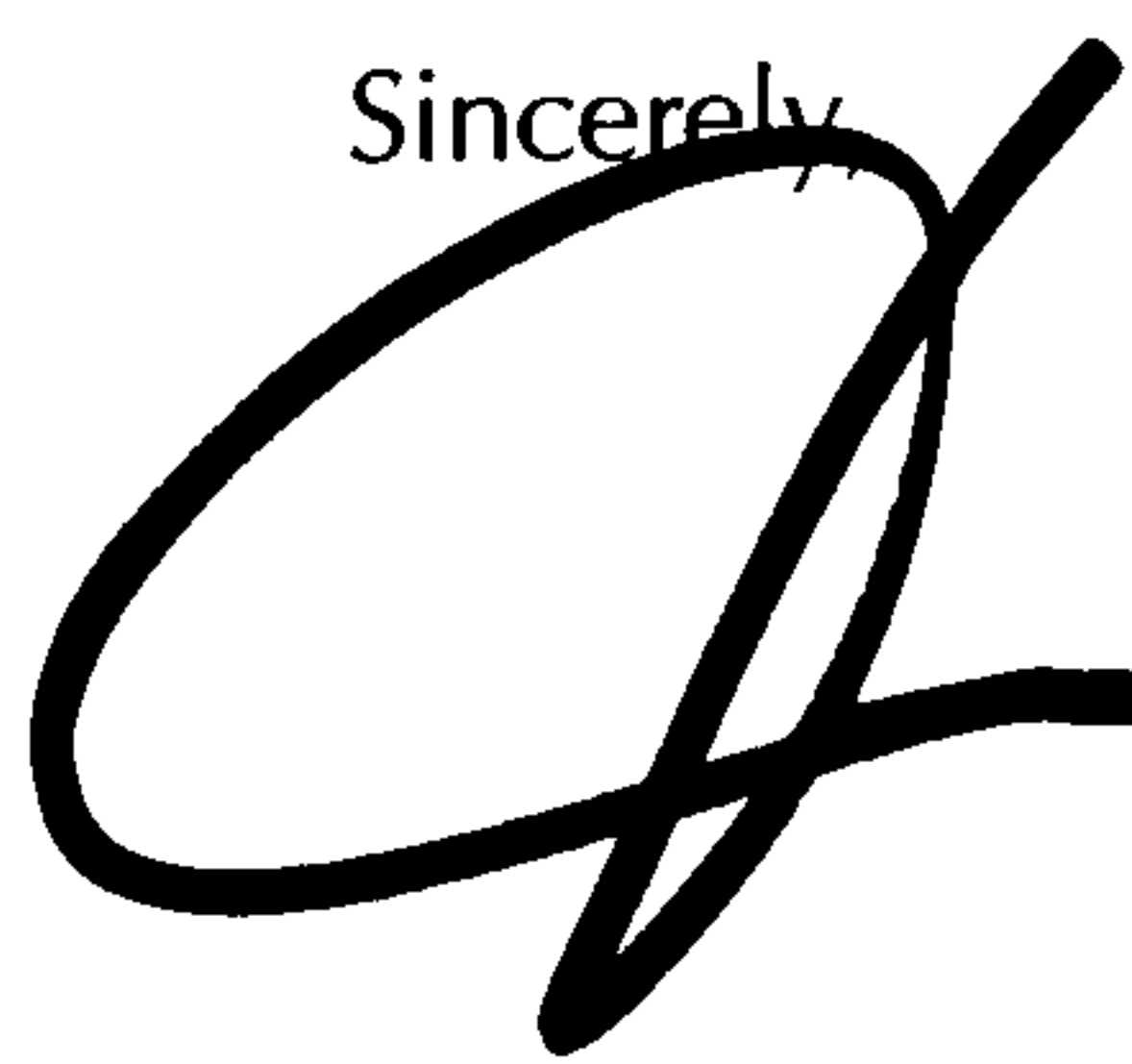
City of Albuquerque
Traffic Division
P.O. Box 1293
Albuquerque, NM 87103

Re: 8700 Alameda Park Drive NW

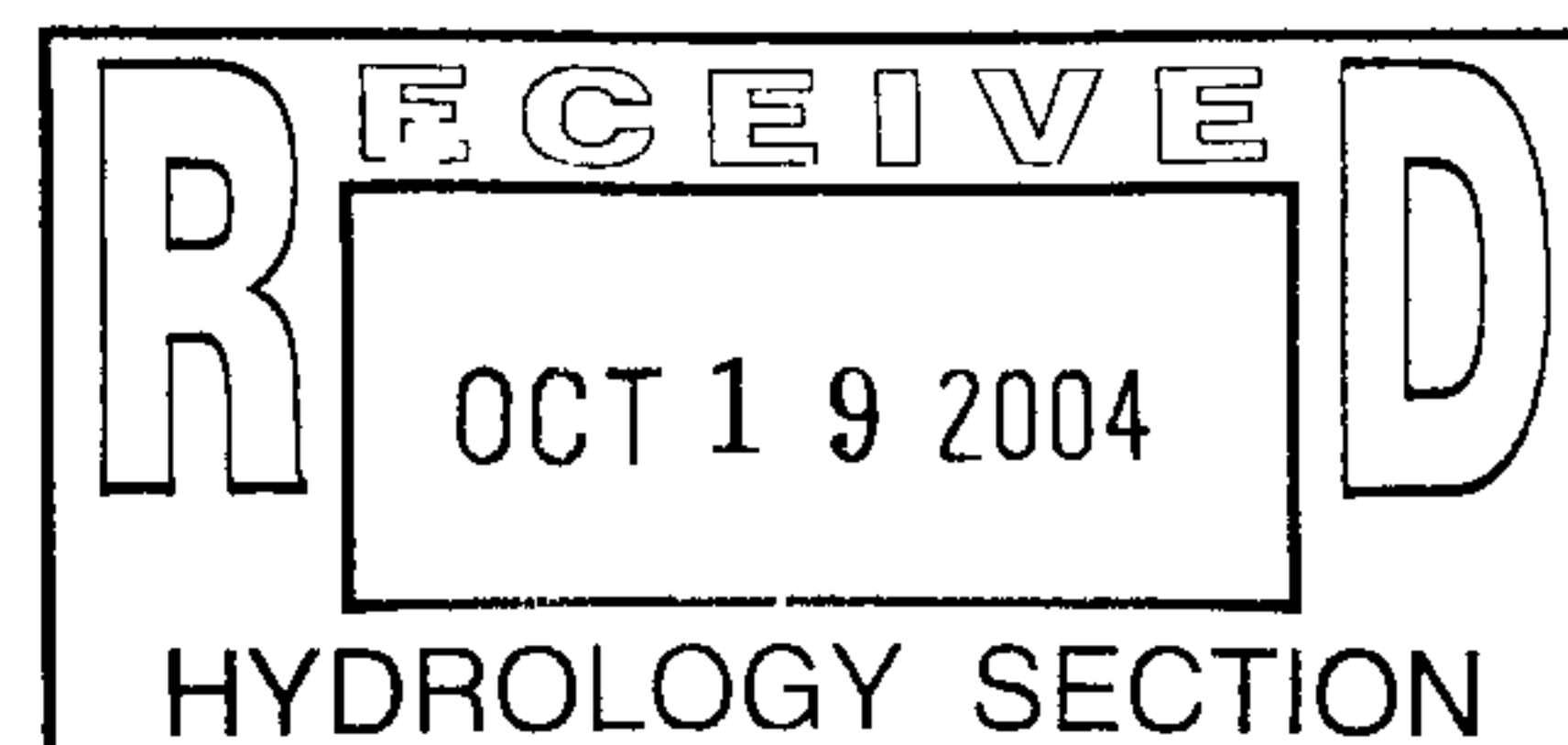
We have visited the above referenced site and, based on our observations and to the best of our knowledge, the circulation areas, parking spaces (including HC spaces), sidewalks, ramps, and landscaped areas are in substantial compliance with the approved site plan. However, the curb radius near the loading dock was increased. Please see the enclosed redlined plan.

If you have any questions, please feel free to call our office at 247-1529.

Sincerely,

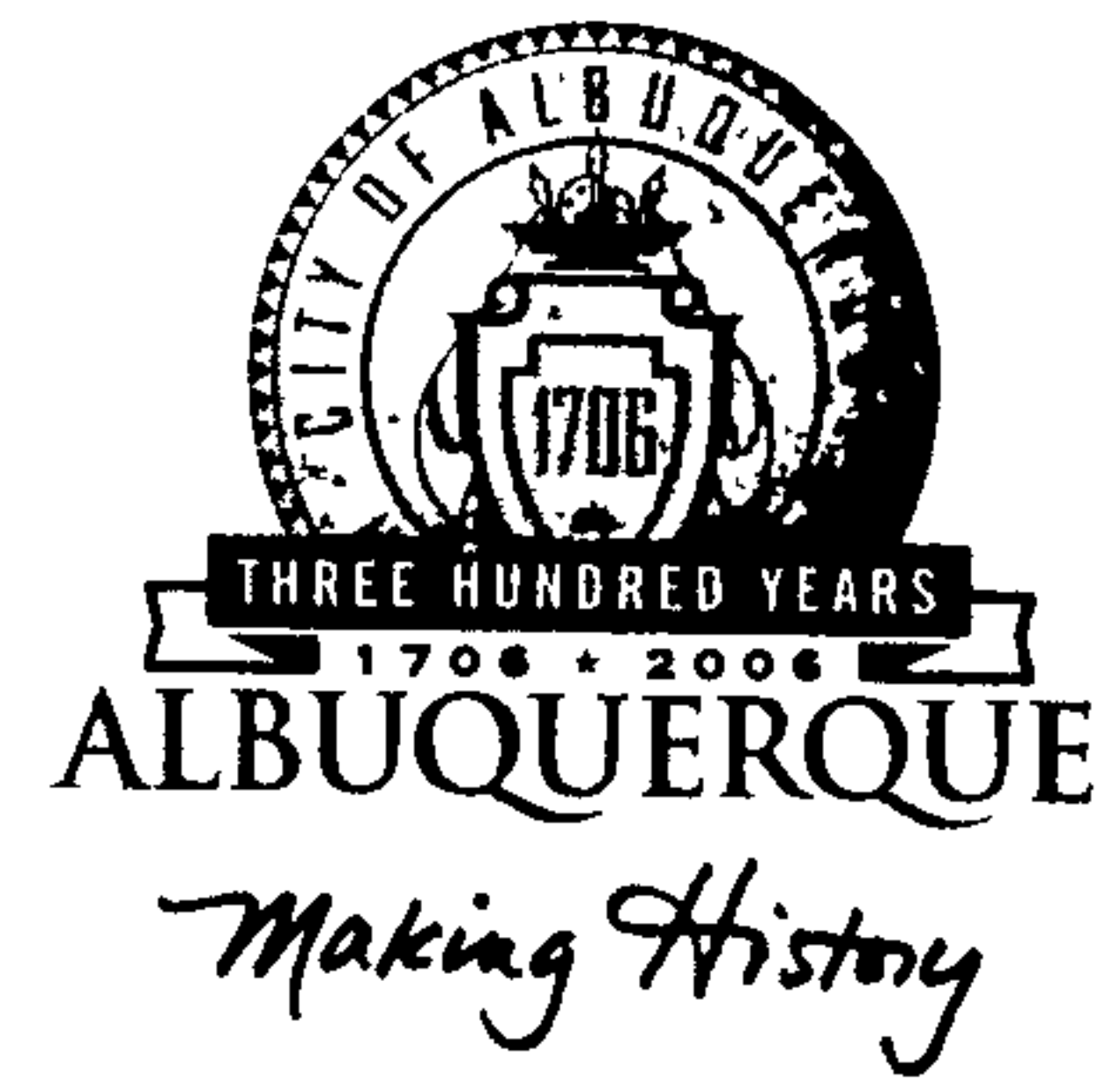


James C Lewis



a division of General Design, Inc.
1620 Central SE • Albuquerque • New Mexico • 87106
(505) 247-1529 • FAX (505) 243-6701

CITY OF ALBUQUERQUE



October 27, 2004

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

Re: ALAMEDA BUSINESS PARK, LOT 28, WAREHOUSE
8700 Alameda Park NE
Approval of Permanent Certificate of Occupancy (C.O.)
Engineer's Stamp dated 06/08/204 (C-16/D006EE)
Certification dated 10/25/2004

P.O. Box 1293

Dear John,

Albuquerque

Based upon the information provided in your submittal received 10/26/2004, 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.

www.cabq.gov

Sincerely,

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

C: Phyllis Villanueva
File,

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: 8700 Alameda Park Warehouse
DRB #: _____ EPC#: _____

ZONE MAP/DRG. FILE #: C-16/D006EE
WORK ORDER#: _____

LEGAL DESCRIPTION: Lot 28, Alameda Bldg. Park
CITY ADDRESS: 8700 Alameda Park

ENGINEERING FIRM: Mark Goodwin & Assoc., P.A.
ADDRESS: P.O. Box 90606
CITY, STATE: Albuquerque, NM 87199

CONTACT: Jim H. Davis
PHONE: 828-2700
ZIP CODE: _____

OWNER: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

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:

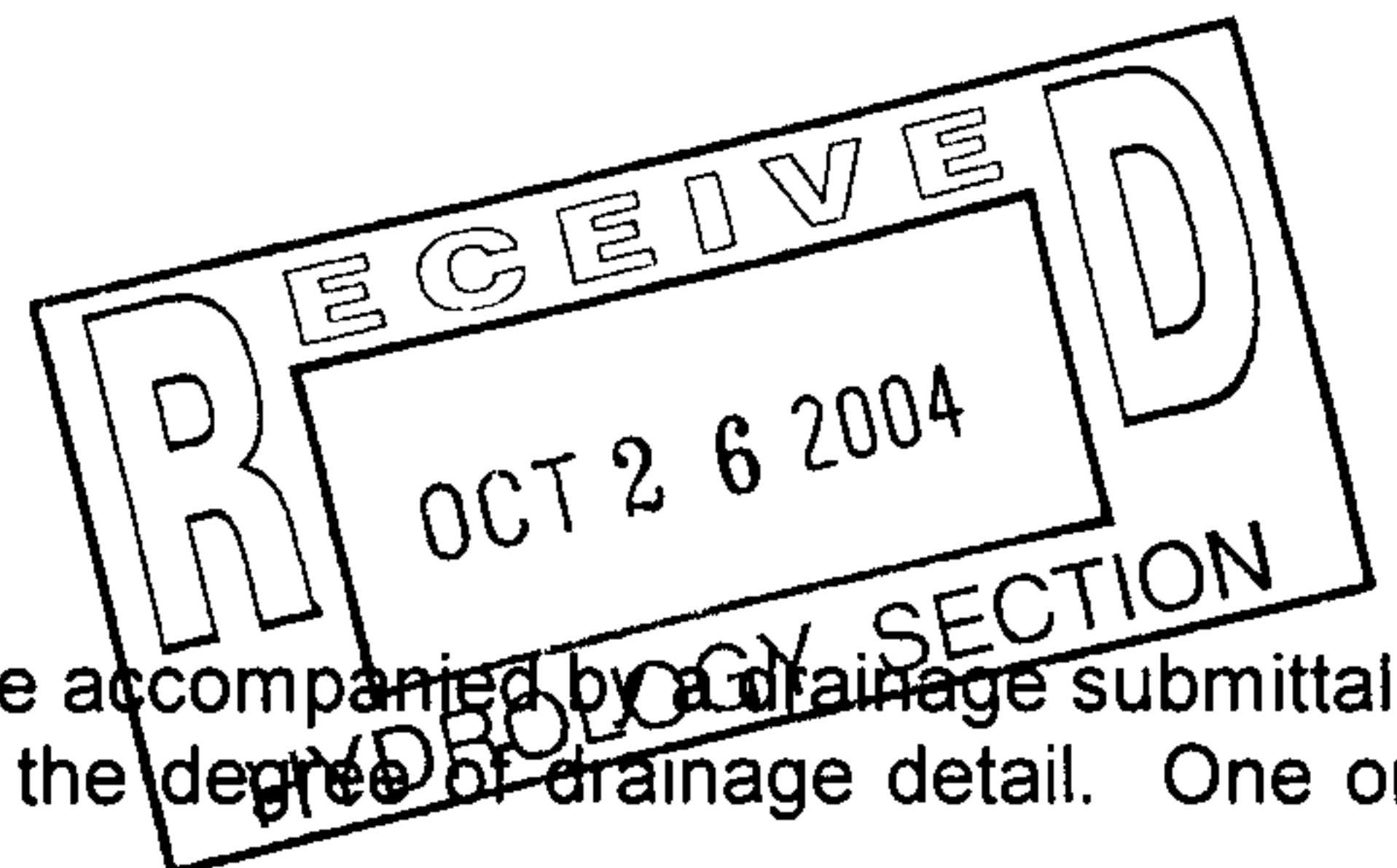
- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D. APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY (PERM.)
- ☐ CERTIFICATE 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: 10-26-04

BY: [Signature]



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.
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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

June 15, 2004

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

**RE: Alameda Business Park Lot 28 – Warehouse, 8700 Alameda Park Dr.,
Grading and Drainage Plan
Engineer's Stamp dated 6-8-04 (C16-D6EE)**

Dear Mr. MacKenzie,

Based upon the information provided in your submittal received 6-10-04, the above referenced plan is approved for Grading Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

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) or 768-3645 (Bryan Wolfe).

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

Sincerely,

Kristal D. Metro
Engineering Associate, Planning Dept.
Development and Building Services

~~C:\Charles Caruso, DMD Storm Drainage Design~~
File

DRAINAGE INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE:

Alameda Business Park, Lot 28- Warehouse
Warehouse, 8100 Alameda Park Dr.

ZONE MAP/DRG #:

C16-DBEE

DRB#:

EPC #:

W.O.#:

LEGAL DESCRIPTION:

Alameda Business Park Lot 28

CITY ADDRESS:

8100 Alameda Park Dr. N.E.

ENGINEERING FIRM:

Mark Goodwin & Associates, PA

CONTACT:

Scott Davis

ADDRESS:

PO Box 90606

PHONE:

828-2200

CITY, STATE:

Albuquerque, NM

ZIP CODE:

87199

OWNER:

CONTACT:

ADDRESS:

PHONE:

CITY, STATE:

ZIP CODE:

ARCHITECT:

CONTACT:

ADDRESS:

PHONE:

CITY, STATE:

ZIP CODE:

SURVEYOR:

Aldrich Land Surveying

CONTACT:

Tim Aldrich

ADDRESS:

P.O. Box 30701

PHONE:

884-1990

CITY, STATE:

Albuquerque, NM

ZIP CODE:

87190-0701

CONTRACTOR:

CONTACT:

ADDRESS:

PHONE:

CITY, STATE:

ZIP CODE:

CHECK TYPE OF SUBMITTAL.

CHECK TYPE OF APPROVAL SOUGHT:

☐ DRAINAGE REPORT

☐ SIA / FINANCIAL GUARANTEE RELEASE

☐ DRAINAGE PLAN 1ST SUBMITTAL, req. TCL or equal

☐ PRELIMINARY PLAT APPROVAL

☐ DRAINAGE PLAN RESUBMITTAL

☐ S. DEV. PLAN FOR SUB'D. APPROVAL

☐ CONCEPTUAL GRADING & DRAINAGE PLAN

☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL

☐ GRADING PLAN

☐ SECTOR PLAN APPROVAL

☐ EROSION CONTROL PLAN

☐ FINAL PLAT APPROVAL

☐ ENGINEER'S CERTIFICATION (HYDROLOGY)

☐ FOUNDATION PERMIT APPROVAL

☐ CLOMR/LOMR

☐ BUILDING PERMIT APPROVAL

☐ TRAFFIC CIRCULATION LAYOUT (TCL)

☐ CERTIFICATE OF OCCUPANCY (PERM)

☐ ENGINEER'S CERTIFICATION (TCL)

☐ CERTIFICATE OF OCCUPANCY (TEMP)

☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)

☐ GRADING PERMIT APPROVAL

☒ OTHER Revised Grading & Drainage Plan

☐ PAVING PERMIT APPROVAL

☐ WORK ORDER APPROVAL

☒ OTHER (specify) Resub. to lower building padgrades

WAS A PRE-DESIGN CONFERENCE ATTENDED?

☐ YES

☒ NO

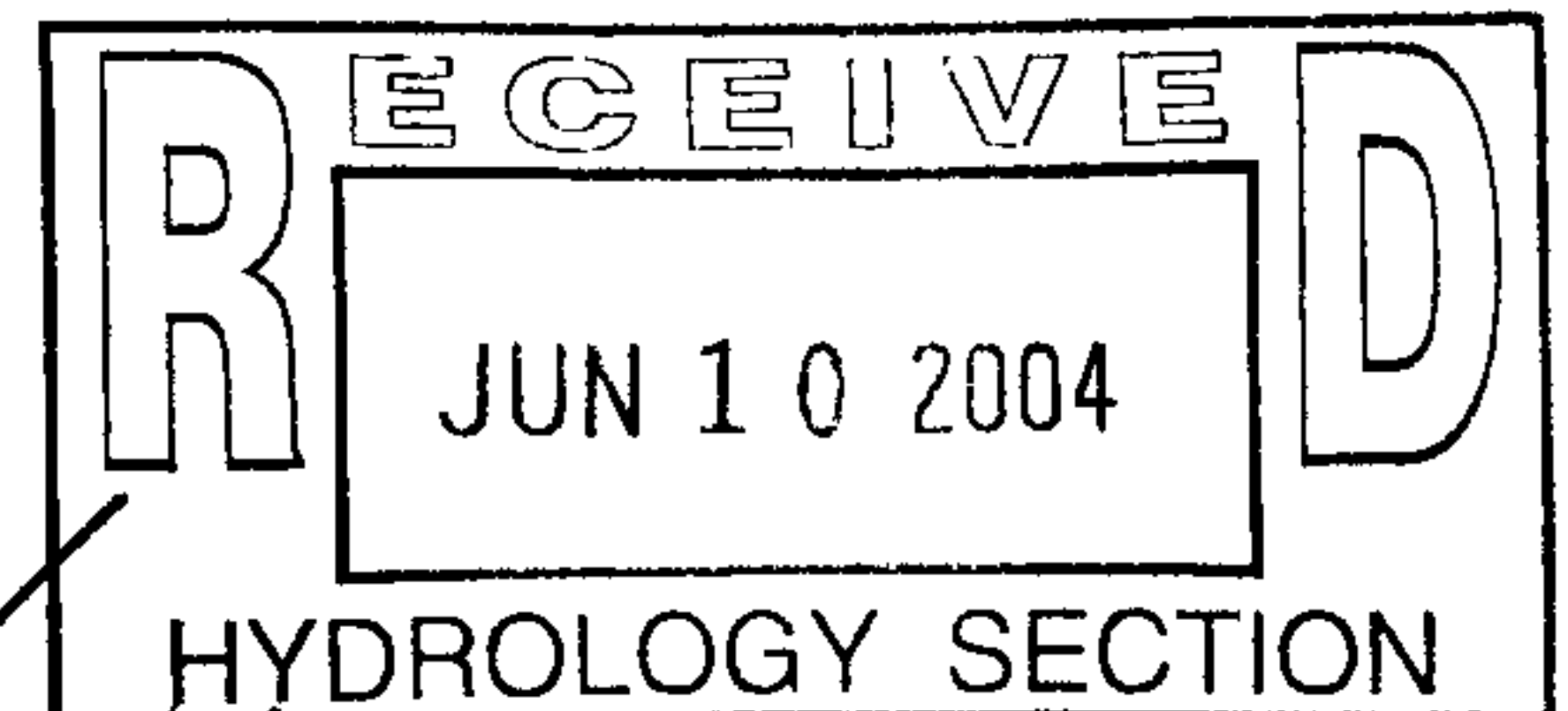
☐ COPY PROVIDED

DATE SUBMITTED:

6-8-04

BY:

Scott Davis



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.
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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: goodwinengrs@comcast.net

44
44
44
44

8 June, 2004

Ms. Kristal D. Metro
Engineering Associate, Planning Dept.
Plaza del Sol
620 2nd St. NW

Re: (C16-D6EE) Warehouse @ 8700 Alameda Park Dr.

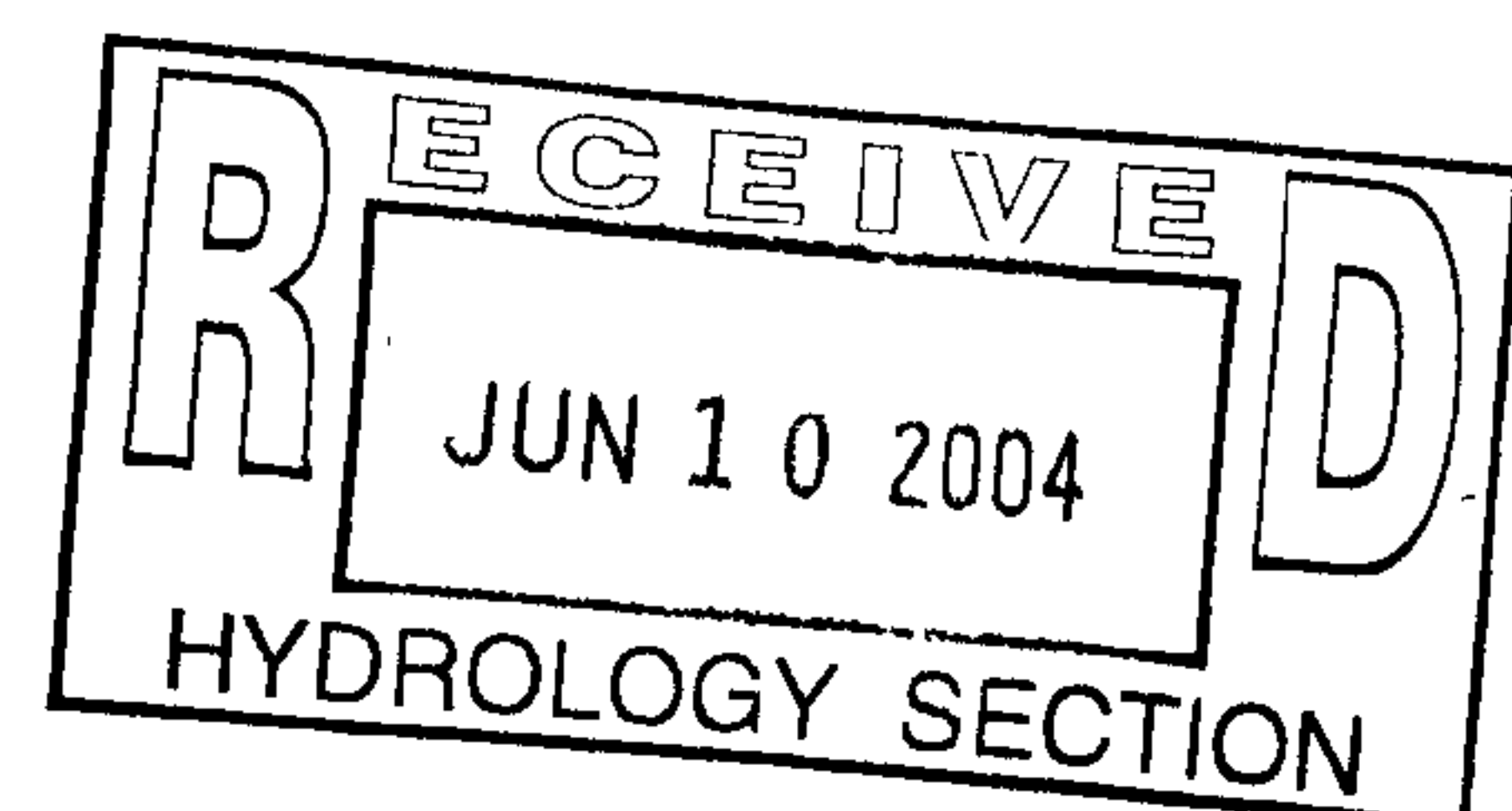
Dear Ms. Metro:

Enclosed with this submittal is a revised Grading & Drainage plan for the referenced project. The changes were made to lower the building pad grades to minimize the amount of import material required. As you can see from the revised plan, the changes made do not alter the drainage management scheme that was reflected on the previous plan approved by you on 4/30/04.

Please contact me if I can supply you with any additional information.

Sincerely,

D. MARK GOODWIN & ASSOCIATES, P.A.





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

April 30, 2004

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

**Re: Alameda Business Park Lot 28 – Warehouse, 8700 Alameda Park Dr, Site
Development Plan**

Engineer's Stamp dated 3-26-04 (C16-D6EE)

Dear Mr. MacKenzie,

Based upon the information provided in your submittal received 3-29-04, the above referenced plan is approved for Site Development Plan for Building Permit action by the DRB and for Grading Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

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

Sincerely,

Kristal D. Metro
Engineering Associate, Planning Dept.
Development and Building Services

C: File

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

C-16/D6EE

PROJECT TITLE: <u>8700 ALAMEDA PARK WAREHOUSE</u>		ZONE MAP/DRG #: <u>C-16</u>
DRB#: <u>N/A</u>	EPC #: <u>N/A</u>	W.O.#: <u>N/A</u>
LEGAL DESCRIPTION: <u>LOT 28 OF ALAMEDA BUSINESS PARK, ALBUQUERQUE, NM BERNALILLO COUNTY, NM</u>		
CITY ADDRESS: <u>8700 Alameda Park Dr</u>		
ENGINEERING FIRM: <u>Mark Goodwin & Associates, PA</u>	CONTACT: <u>SCOTT DAVIS</u>	
ADDRESS: <u>PO Box 90606</u>	PHONE: <u>828-2200</u>	
CITY, STATE: <u>Albuquerque, NM</u>	ZIP CODE: <u>87199</u>	
OWNER: <u>SCHLEGEL LEWIS ARCHITECTS</u>	CONTACT: <u>DAVE ABBOT</u>	
ADDRESS: <u>1620 CENTRAL SE</u>	PHONE: <u>247-1529</u>	
CITY, STATE: <u>ALBUQUERQUE, NM</u>	ZIP CODE: <u>87106</u>	
ARCHITECT: <u>SAME AS OWNER</u>	CONTACT: _____	
ADDRESS: _____	PHONE: _____	
CITY, STATE: _____	ZIP CODE: _____	
SURVEYOR: _____	CONTACT: _____	
ADDRESS: _____	PHONE: _____	
CITY, STATE: _____	ZIP CODE: _____	
CONTRACTOR: _____	CONTACT: _____	
ADDRESS: _____	PHONE: _____	
CITY, STATE: _____	ZIP CODE: _____	

CHECK TYPE OF SUBMITTAL:


<input type="checkbox"/>	DRAINAGE REPORT
<input checked="" type="checkbox"/>	DRAINAGE PLAN 1 ST SUBMITTAL, req. TCL or equal
<input type="checkbox"/>	DRAINAGE PLAN RESUBMITTAL
<input checked="" type="checkbox"/>	CONCEPTUAL GRADING & DRAINAGE PLAN
<input 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

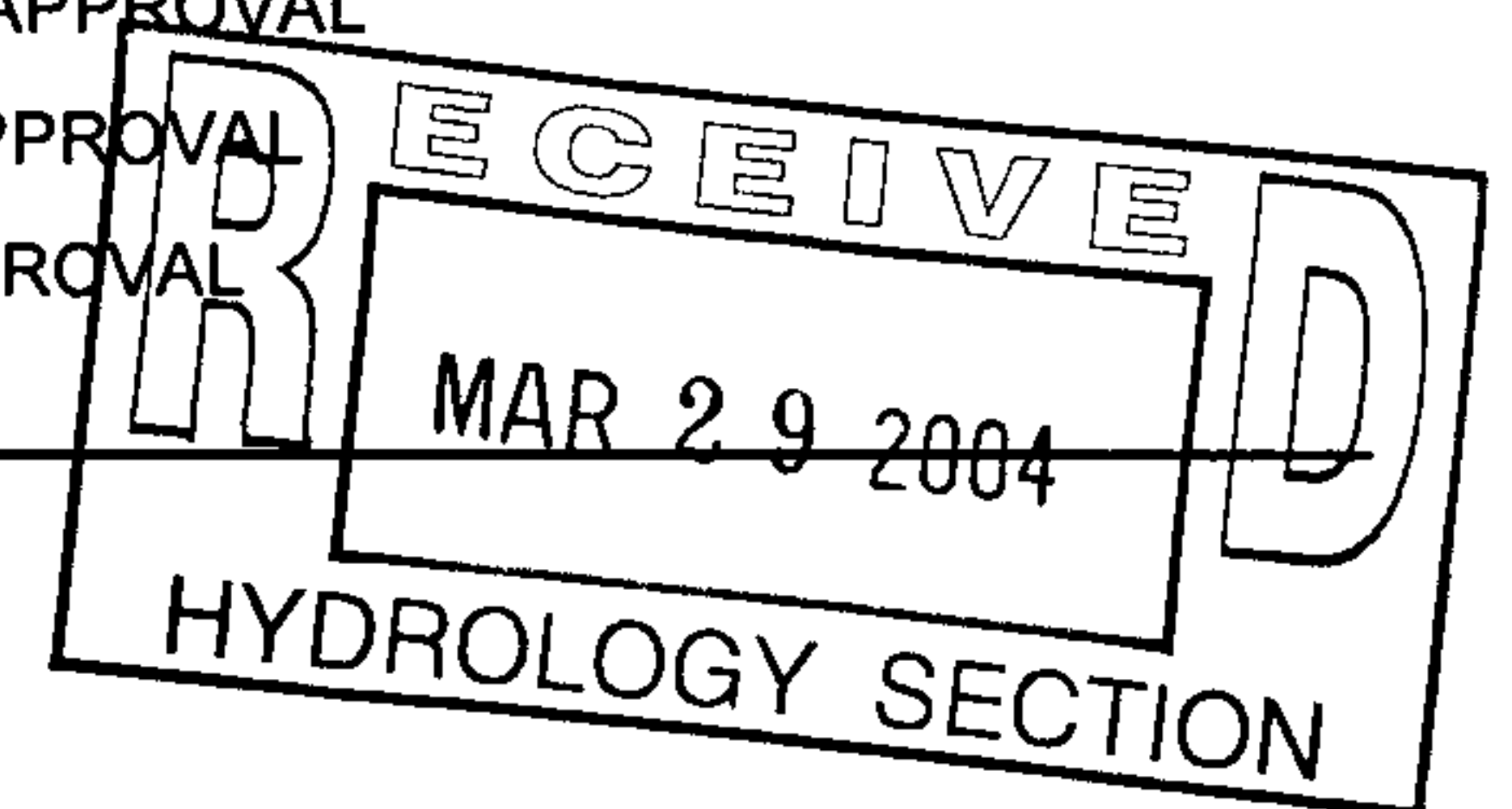
CHECK TYPE OF APPROVAL SOUGHT:

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<input type="checkbox"/>	PRELIMINARY PLAT APPROVAL
<input type="checkbox"/>	S. DEV. PLAN FOR SUB'D. APPROVAL
<input checked="" 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 checked="" 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 type="checkbox"/>	YES
<input checked="" type="checkbox"/>	NO
<input type="checkbox"/>	COPY PROVIDED

DATE SUBMITTED: 3-26-04 BY: 



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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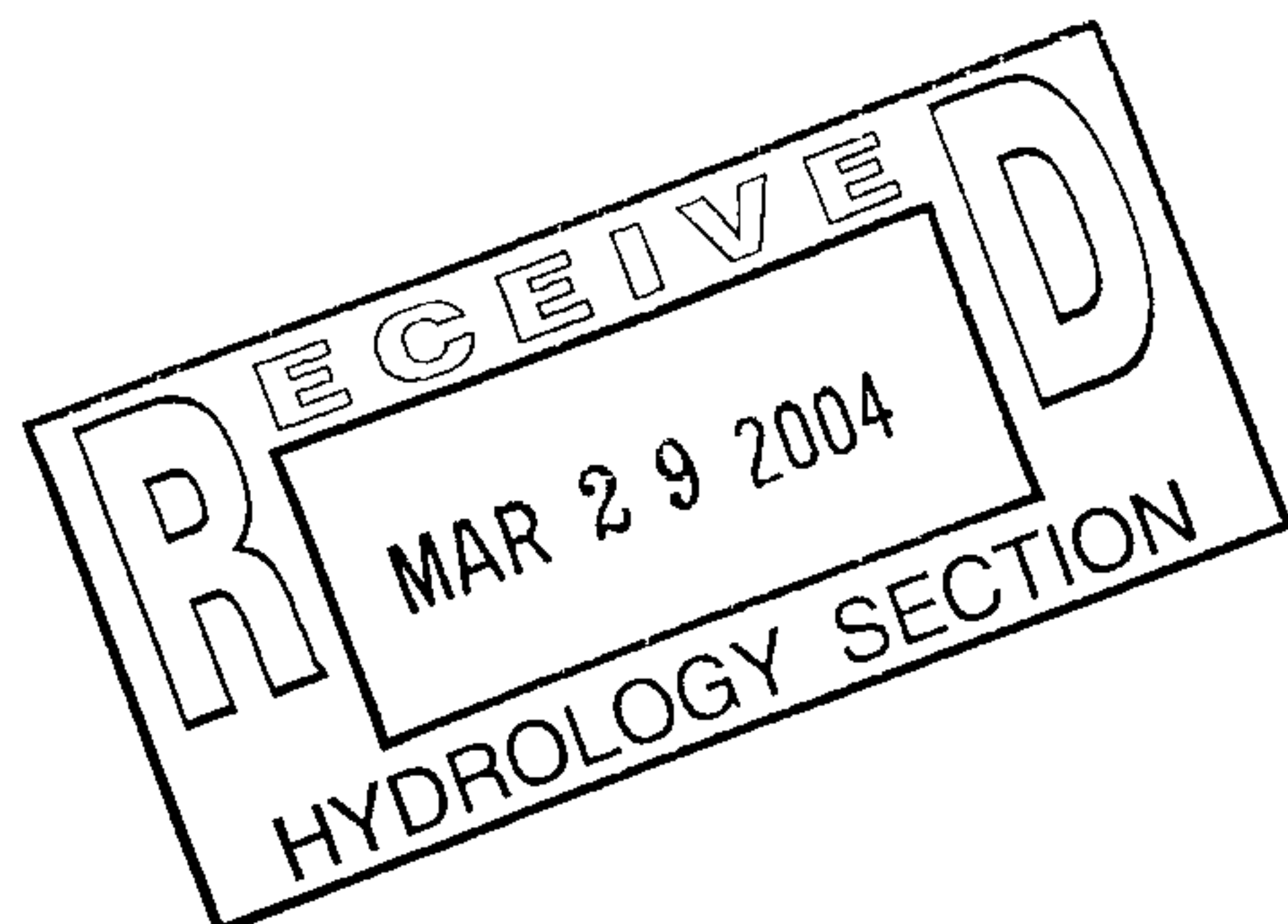
DRAINAGE REPORT
FOR
8700 ALAMEDA PARK WAREHOUSE

Prepared for

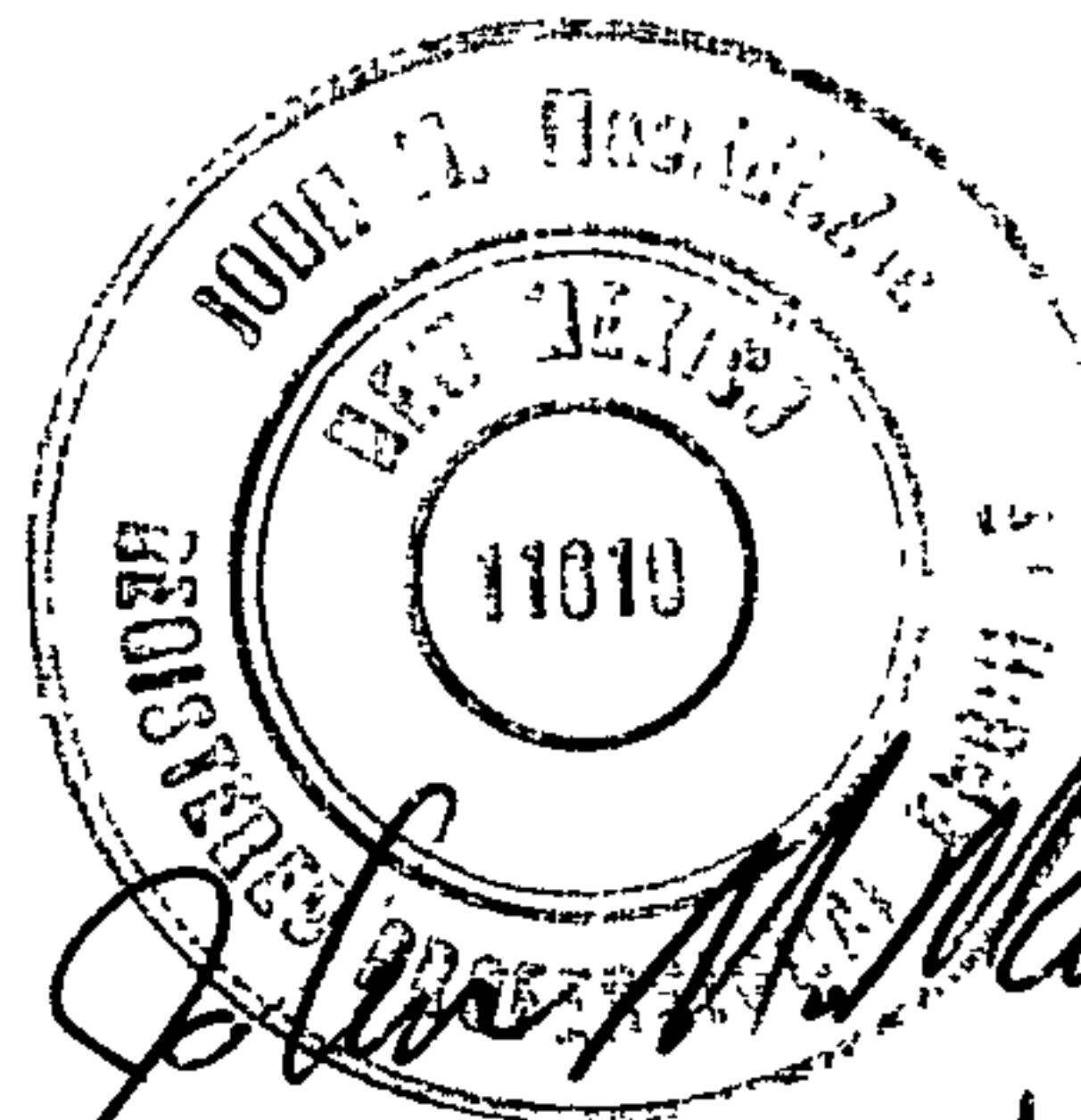
Schlegel Lewis Architects
1620 Central SE
Albuquerque, NM 87106

Prepared by

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



March 2004



Mark Goodwin
3/26/04

TABLE OF CONTENTS

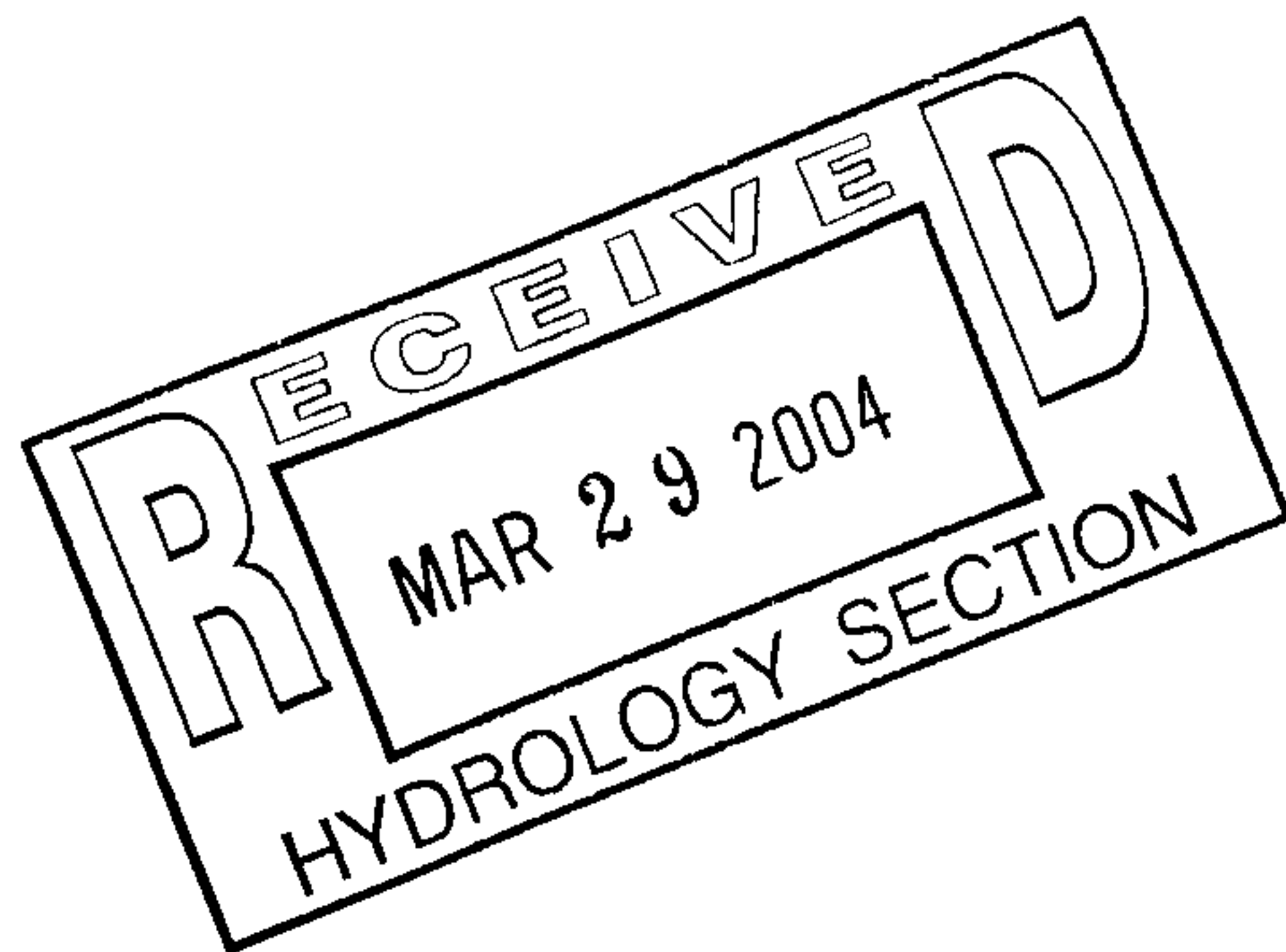
- I. Purpose
- II. Drainage Design Criteria
- III. Existing Conditions
- IV. Developed Conditions
- V. Summary

FIGURE 1: Vicinity Map

FIGURE 2: Excerpt From BHI Report

PLATE 1: Grading Plan from BHI Report

PLATE 2: 8700 Alameda Park Grading & Drainage Plan



I. PURPOSE

The purpose of this report is to provide a developed drainage analysis for Lot 28 of the Alameda Business Park (ABP). Bohannon-Huston, Inc. (BHI) submitted the initial drainage study in February of 1999 in support of the ABP infrastructure improvements. With the submittal of this report and conceptual grading & drainage plan, we are hoping to obtain approval of the Site Development Plan for Building Permit.

II. DRAINAGE DESIGN CRITERIA

The design criteria used in this report is in accordance with Section 22.2 Hydrology of the Development Process Manual, Volume 2, Design Criteria, dated January of 1993. The 100-year, 6-hour storm event was analyzed to determine the expected runoff from this site. The onsite Land Treatment values used were Treatment B=15% and Treatment D=85% as determined using "Table A-5 Percent Treatment D" in the DPM. AHYMO printouts are provided in Appendix A.

III. EXISTING CONDITIONS

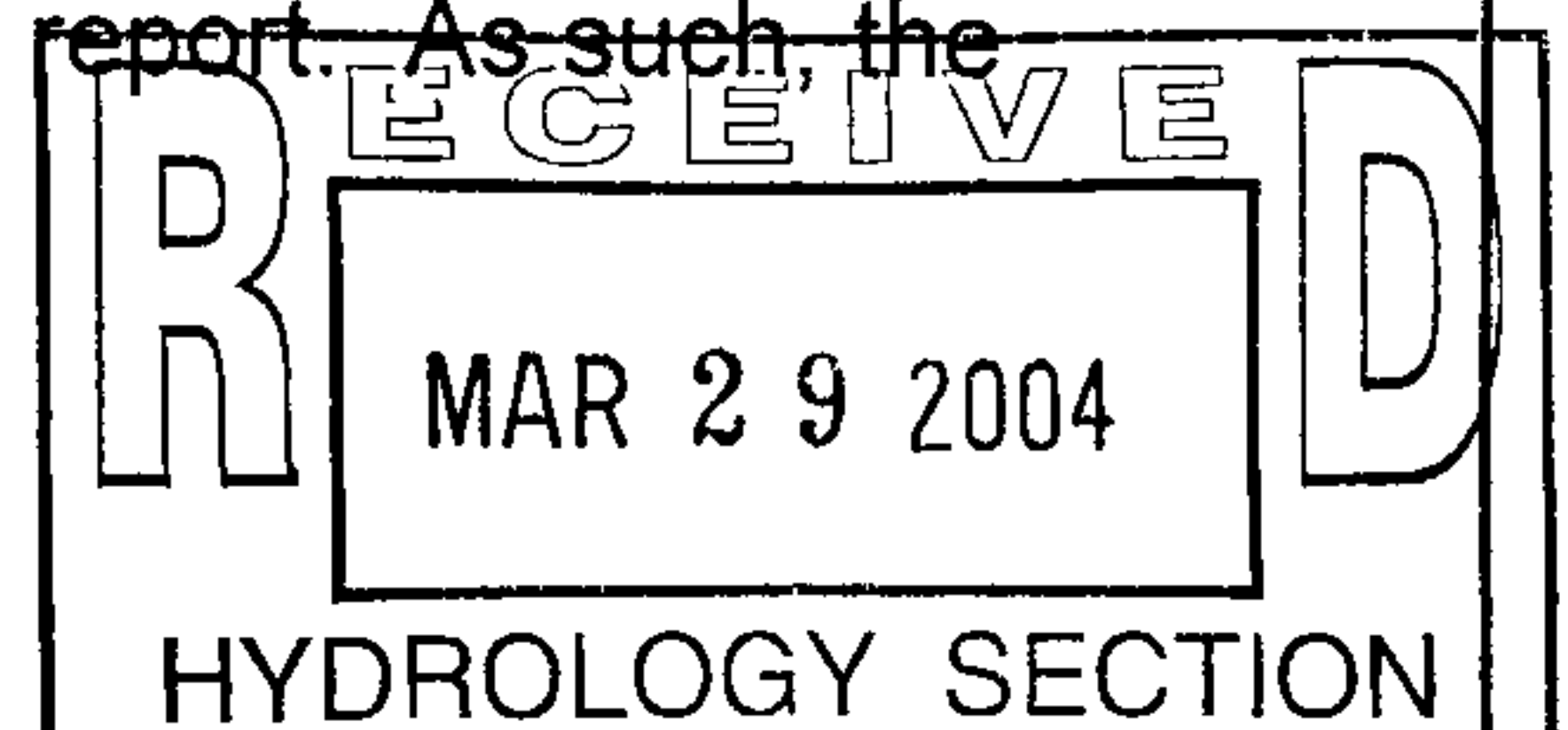
With the construction of the ABP infrastructure improvements, rough grading was completed on all lots within the business park (copy of original grading plan included within rear pocket of this report). With that, the site is currently de-nuded of vegetation with a slope from northeast to southwest of roughly 3.5% to 4.0%. Flows leaving the site in the existing state enter the Alameda Park Drive ROW at its intersection with Paseo Alameda. A 6' wide valley gutter directs the storm flows west across Alameda Park Drive to Paseo Alameda. Storm flows are immediately intercepted by 2 Type C drop inlets located at the PCs of the curb returns. The storm drain in Paseo Alameda runs west where it eventually outfalls into the ABP detention basin, which is located along Edith Boulevard. An existing pump station lifts storm waters from the basin to the North Diversion Channel. The AHYMO printout in Appendix A shows an existing flow rate of 6.7 cfs is generated from this site and 1.57 cfs is contributed from Lot 29 to the north for a total of 8.27 cfs.

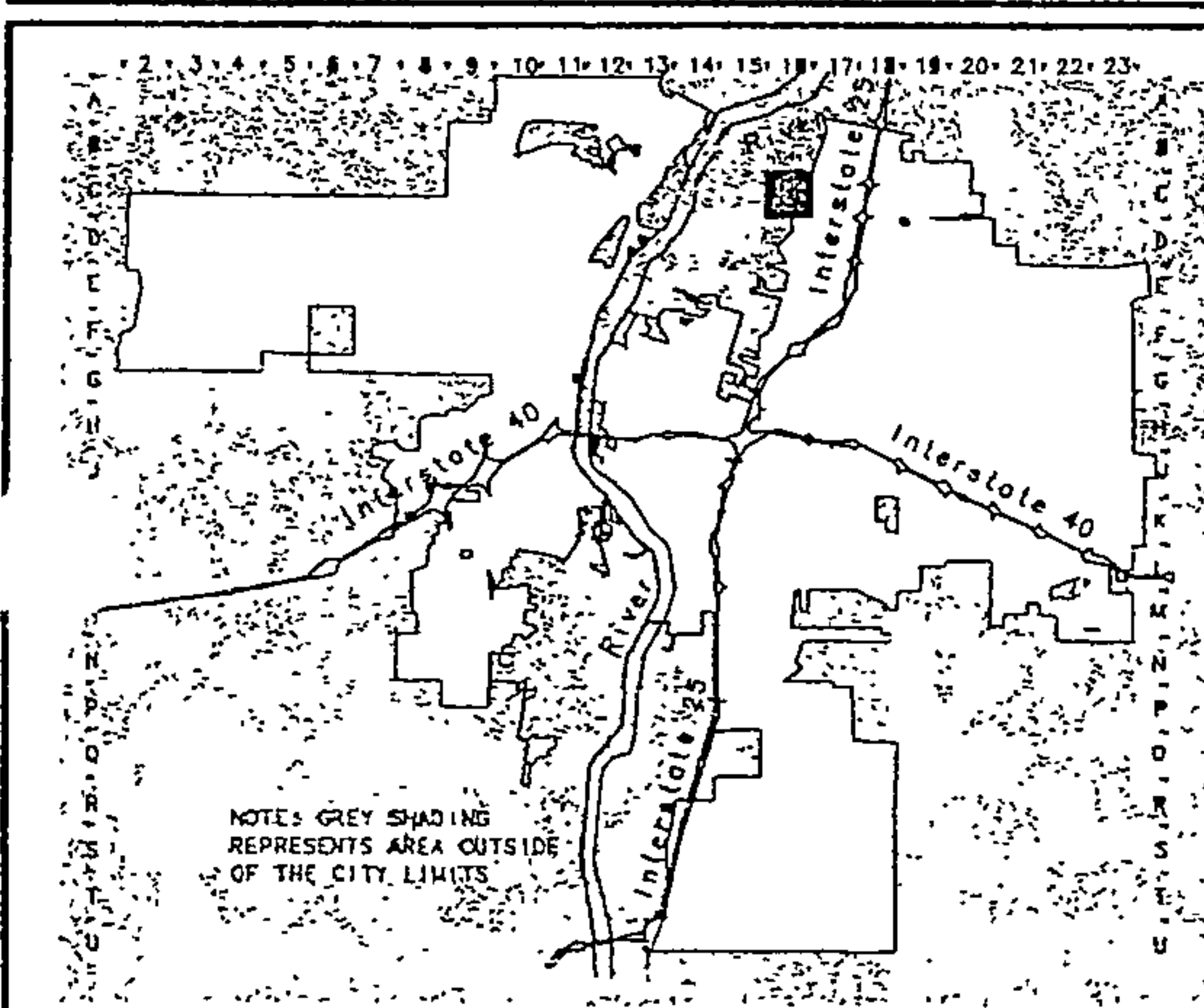
IV. DEVELOPED CONDITIONS

It is proposed that this site be developed into a warehouse type facility. With that, as indicated on the enclosed plan, it is estimated that approximately 85% of the site will be impervious surface. The development of Lot 28 will mirror the drainage management plan originally spelled out in the BHI report. In the developed state, a total of 9.60 cfs is expected to free discharge to Alameda Park Drive where it will be routed in the same manner described above under the Existing Conditions.

V. SUMMARY

The developed drainage management plan presented in this report for Lot 28 of the Alameda Business Park follows the original plan as spelled out in the approved BHI report. As such, the development of this site will pose no adverse affects downstream.



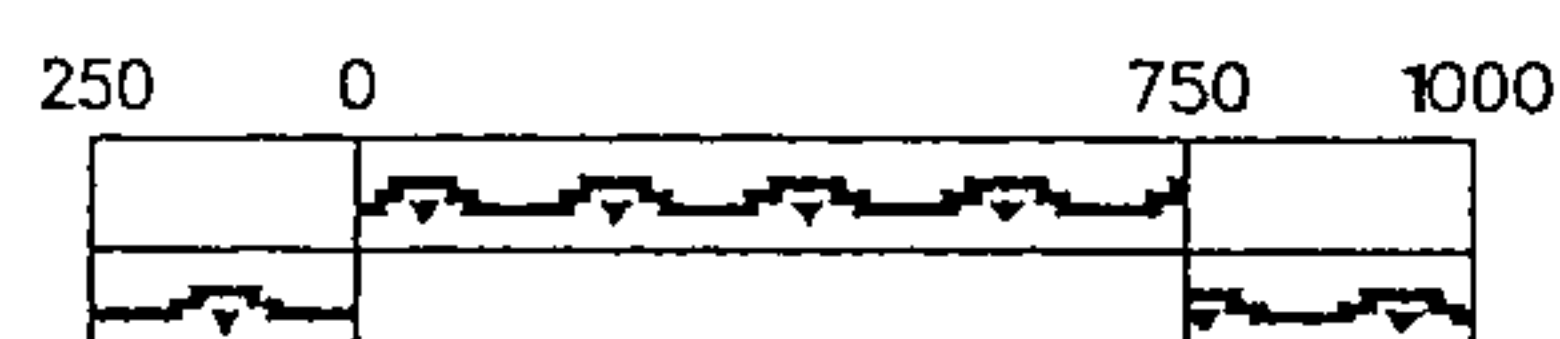


CITY OF
Albuquerque

Albuquerque Geographic Information System
PLANNING & DEVELOPMENT

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GRAPHIC SCALE IN FEET



Zone Atlas Page

C-16-Z

Map Amended through January 21, 2003

along the North Diversion Channel and Edith Boulevard will be re-seeded as a part of the first phase and might be landscaped with the future development of each individual lot. Hay crimping the slope is recommended as a erosion control while the seeding has time to establish.

Basin 1 (5.02 acres, $Q_{100}=21.77$ cfs) contains two lots located at the northeast corner of this site. The basin runoff sheet flows into Alameda Park Drive directed southward. The public roadway directs flows from Basin 1 and **Basin 14 (0.39 acres, $Q_{100}=1.36$ cfs)** to the intersection of Alameda Park Drive with Paseo Alameda. Basin 14, an offsite basin, is the southern half of Alameda Drive that currently drains into this site via the existing entrance stubbed off of Alameda. This site finds no problem in accepting this small amount of runoff from Alameda. **Basin 27 (1.28 acres, $Q_{100}=4.47$ cfs)** is the northern half of Alameda Boulevard that continues its runoff westward away from this site. Inlets located in Alameda west of the site entrance pick up a portion of the flow and direct it northward via the existing storm drain and culverts. **Basin 24 (0.40 acres, 1.4 cfs)** is the eastern portion of Alameda that continues its runoff eastward away from the site.

Basin 2 (13.00 acres, $Q_{100}=56.38$ cfs) contains six lots along the eastern boundary of the site. The runoff from this basin also sheet flows into Alameda Park Drive and is directed northward toward the intersection with Paseo Alameda. The flow is combined with Basins 1 and 14 above via the low point in Alameda Park Drive at the intersection with Paseo Alameda. The combined flow (**$Q_{100}=79.51$ cfs**) is then directed down Paseo Alameda where it is immediately intercepted by two double grate Type "A" inlets (one located on each side of the street). The inlets accept **12.7 cfs** each allowing **54.15 cfs** to pass by. A third double grate Type "C" inlet is located just downstream of the type A's mentioned above. This third inlet accepts **10 cfs** and allows **44.15 cfs** to pass by. A 24" RCP storm drain beneath Paseo Alameda directs the runoff (accepted from the inlets) toward the drainage pond within Tract A below.

Basin 17 (3.78 acres, $Q_{100}=16.31$ cfs) contains three lots which drain runoff toward an asphalt lined swale along the back edge of the lots. A private drainage easement encompasses the swale that directs runoff toward Paseo Alameda. Sidewalk culverts constructed within Paseo Alameda are designed to accept 10 year – 6 hr runoff. Larger events would travel over the sidewalk culverts into the roadway. The analysis and sizing of the asphalt-lined swale can be found in the appendix portion of this report. The design of the swales within this report is such