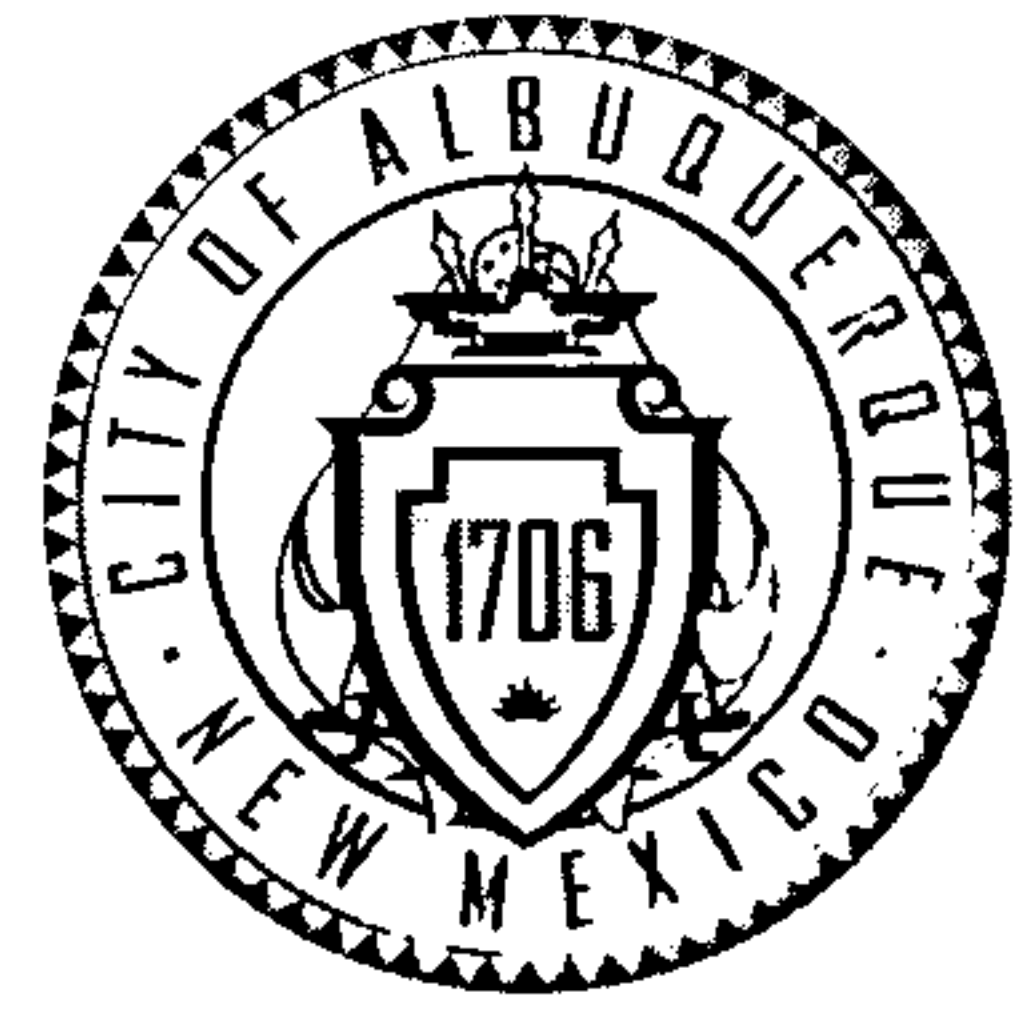


CITY OF ALBUQUERQUE



October 31, 2013

Jeffrey Mortensen, P.E.
High Mesa Consulting Group
6010-B Midway Park blvd NE
Albuquerque, NM 87109

**Re: Explora Science Center & Children's Museum Addition and Renovations,
1701 Mountain Road NW
Request for Permanent CO –Accepted
Engineer's Stamp dated: 6-18-12, (J13D070)
Certification dated: 10-29-13**

Dear Mr. Mortensen,

Based upon the information provided in the certification received 10-30-13, the above referenced certification is acceptable for a release of Permanent Certificate of Occupancy (CO) by Hydrology.

PO Box 1293

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

Sincerely,

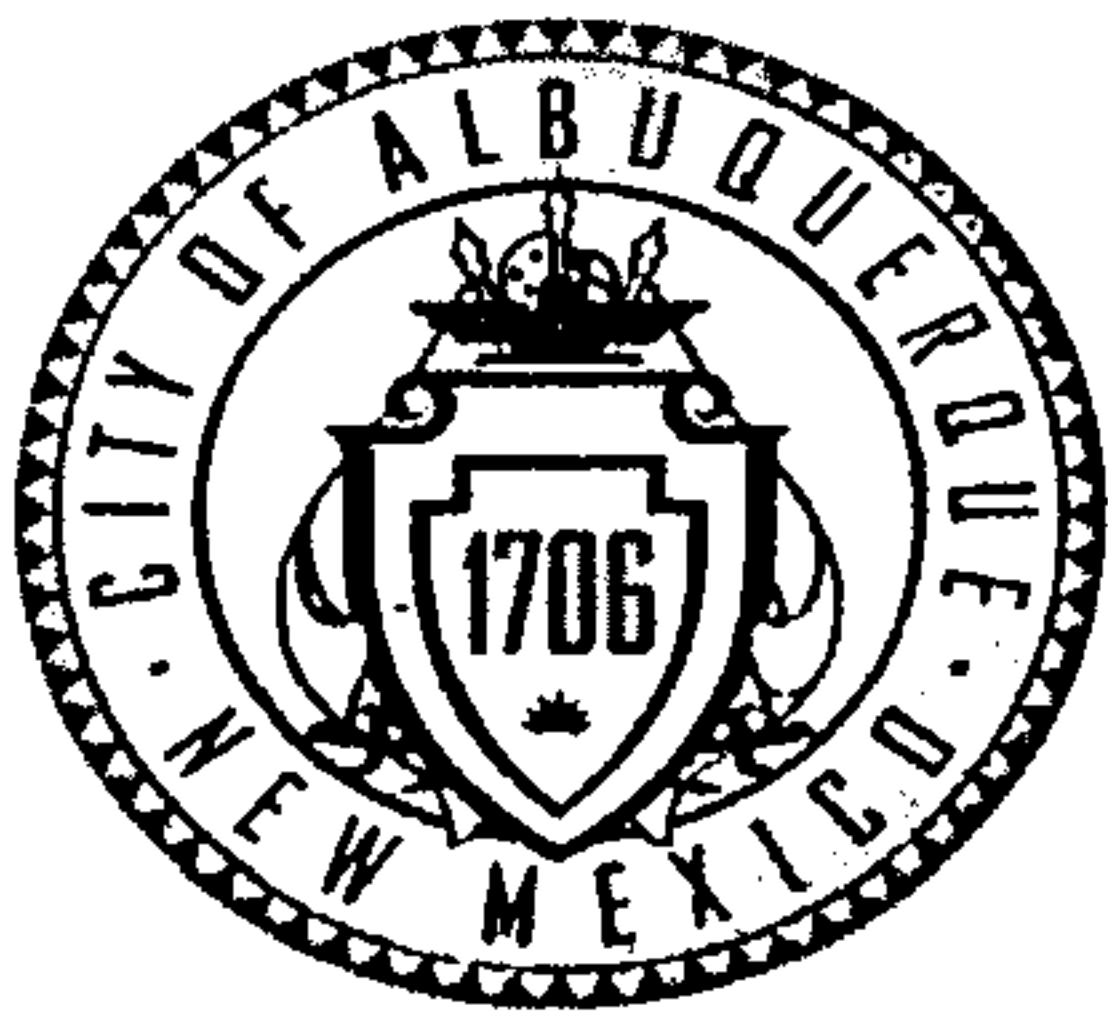
Curtis A. Cherne, P.E.
Principal Engineer, Hydrology Section
Development and Review Services

Albuquerque

New Mexico 87103

www.cabq.gov

C: CO Clerk—Katrina Sigala, Francis Connor
File
JMortensen@highmesacg.com



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: EXPLORA SCIENCE CENTER & MUSEUM Building Permit #: _____ City Drainage #: J13/D070
DRB#: 1001466 EPC#: 11 EPC-40069 Work Order#: _____
Legal Description: TRACT B-3-A, FREEWAY OLDTOWN LIMITED
City Address: 1701 MOUNTAIN ROAD NW

Engineering Firm: HIGH MESA CONSULTING GROUP Contact: JEFF MORTENSEN
Address: 6010-B MIDWAY PARK BLVD. NE, ALBUQUERQUE, NM 87109
Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: jmortensen@highmesacg.com

Owner: CITY OF ALBUQUERQUE CULTURAL SERVICES DEPT Contact: BEATRIZ RIVERA
Address: 400 MARQUETTE NW SCE605, ALBUQUERQUE, NM 87102
Phone#: 505-768-3556 Fax#: _____ E-mail: _____

Architect: MAHLMAN STUDIO ARCHITECTURE Contact: DAVID MAHLMAN
Address: 206 BROADWAY SE, ALBUQUERQUE, NM 87102
Phone#: 505-243-0101 Fax#: _____ E-mail: dmahlman@mahlmanstudio.com

Surveyor: DOUGLAS H. SMITH, SURVEYOR Contact: JASON D. SMITH
Address: 2121 SAN MATEO BLVD. NE., ALBUQUERQUE, NM, 87110
Phone#: 505-255-5577 Fax#: _____ E-mail: _____

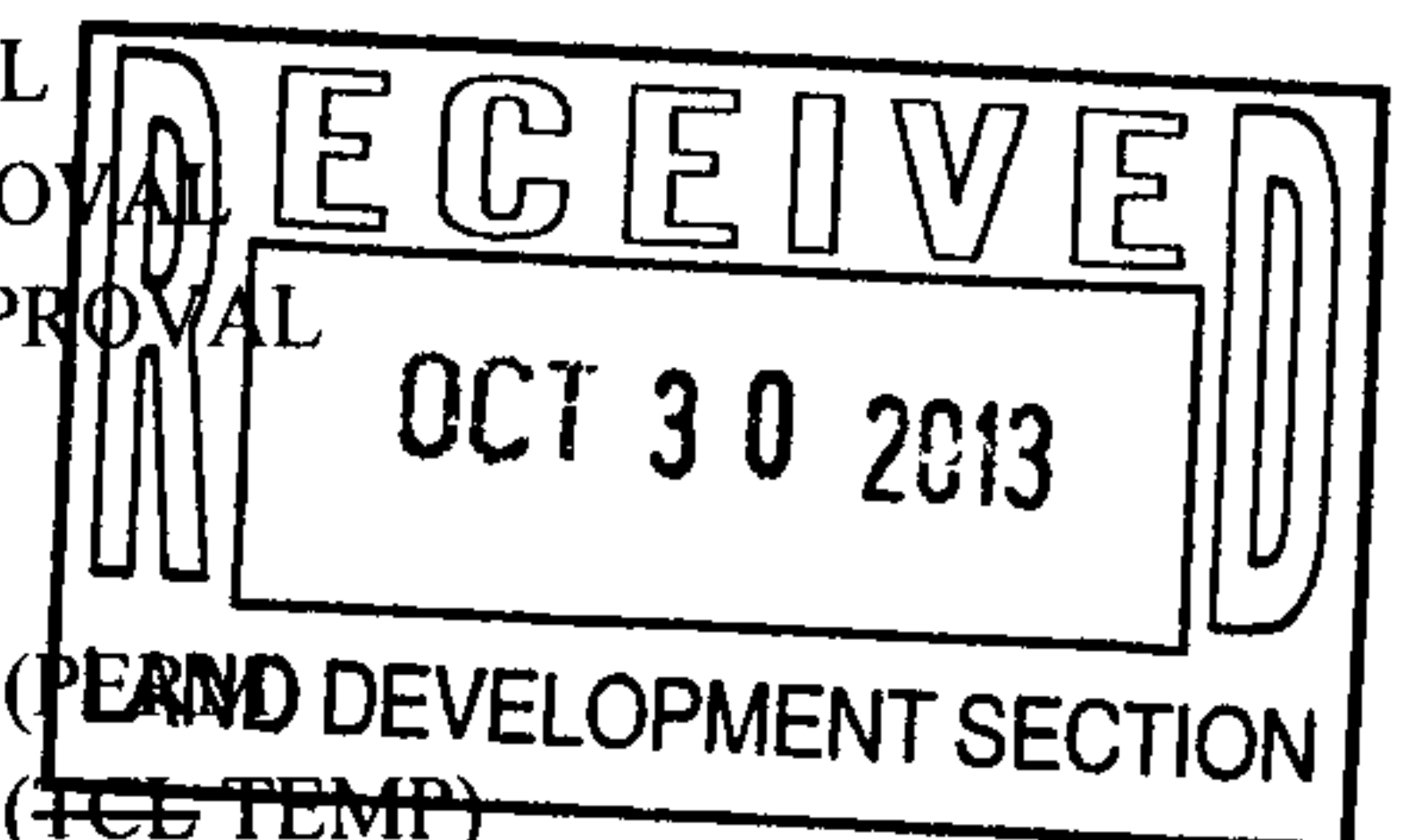
Contractor: HB CONSTRUCTION Contact: MATTHEW MULLIGAN
Address: 5301 BEVERLY HILLS NE, ALBUQUERQUE, NM 97113
Phone#: 505-856-0404 (X-110) Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☒ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY (PERMITS DEVELOPMENT SECTION)
- ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY) _____



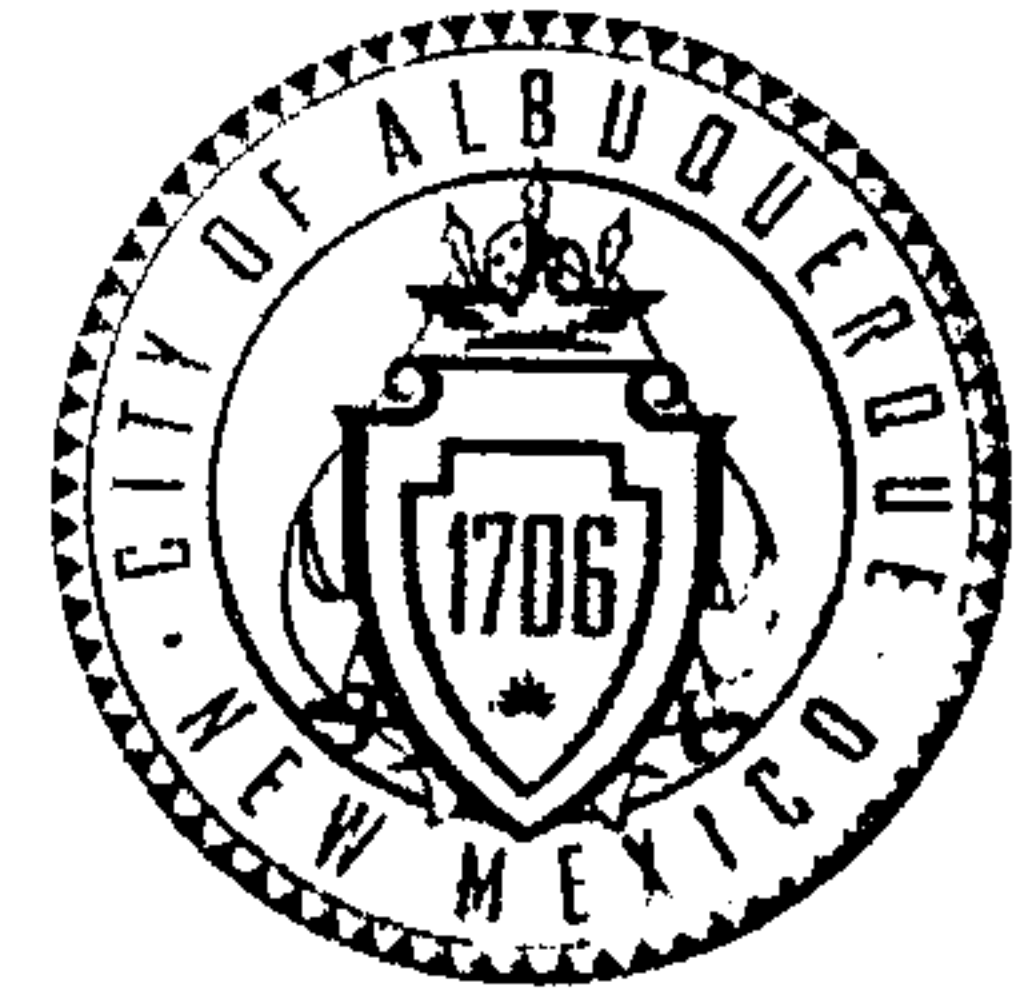
WAS A PRE-DESIGN CONFERENCE ATTENDED: _____ Yes _____ No _____ Copy Provided

DATE SUBMITTED: 10-30-2013 By: JEFFREY G. MORTENSEN

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

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
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3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development

CITY OF ALBUQUERQUE



September 23, 2013
~~August 29, 2013~~

Jeffrey Mortensen, P.E.
High Mesa Consulting Group
6010-B Midway Park blvd NE
Albuquerque, NM 87109

**Re: Explora Science Center & Children's Museum Addition and Renovations,
1701 Mountain Road NW**

Request for 30-day Temporary –Accepted

Engineer's Stamp dated: 6-18-12, (J13D070)

Certification dated: 8-28-13

request date 9-22-13

Dear Mr. Mortensen,

Based upon the information provided in the certification received 8-28-13, the above referenced certification is acceptable for a release of a 30-day Temporary Certificate of Occupancy (CO) by Hydrology.

PO Box 1293

When submitting for Permanent CO in addition addressing the exceptions listed, please determine if the 2" force main has backflow prevention since the curb flow line elevation is higher than the pond bottom elevation. *not req'd cc 10-15-13*

Albuquerque

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

New Mexico 87103

Sincerely,

Curtis A. Cherne, P.E.
Principal Engineer, Hydrology Section
Development and Review Services

www.cabq.gov

C: CO Clerk—Katrina Sigala, Francis Connor
File

~~JMortensen@highmesacg.com~~

~~henrye@hbconstruction.com~~

CITY OF ALBUQUERQUE



August 29, 2013

Jeffrey Mortensen, P.E.
High Mesa Consulting Group
6010-B Midway Park blvd NE
Albuquerque, NM 87109

**Re: Explora Science Center & Children's Museum Addition and Renovations,
1701 Mountain Road NW
Request for 30-day Temporary –Accepted
Engineer's Stamp dated: 6-18-12, (J13D070)
Certification dated: 8-28-13**

Dear Mr. Mortensen,

Based upon the information provided in the certification received 8-28-13, the above referenced certification is acceptable for a release of a 30-day Temporary Certificate of Occupancy (CO) by Hydrology.

PO Box 1293

When submitting for Permanent CO in addition addressing the exceptions listed , please determine if the 2" force main has backflow prevention since the curb flow line elevation is higher than the pond bottom elevation.

Albuquerque

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

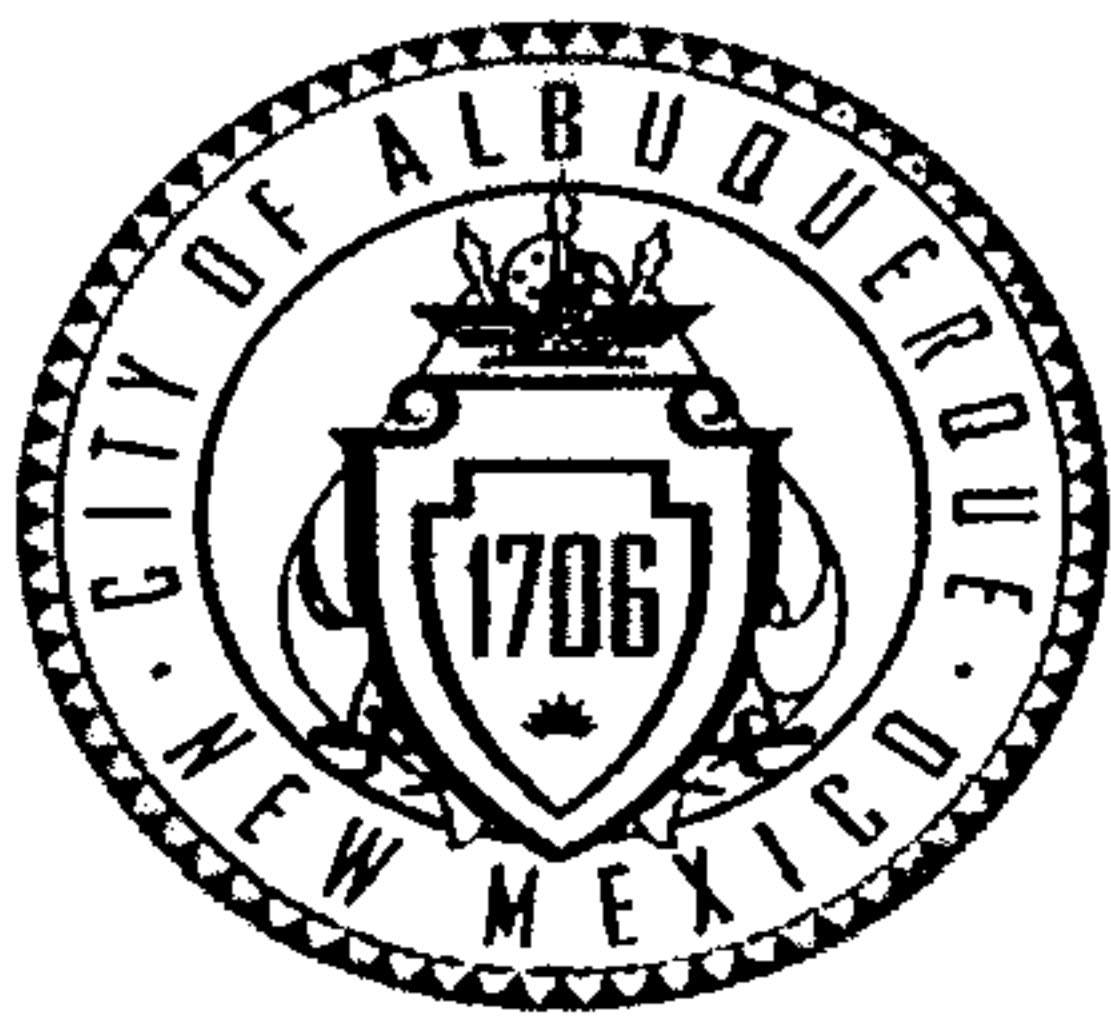
New Mexico 87103

Sincerely,

Curtis A. Cherne, P.E.
Principal Engineer, Hydrology Section
Development and Review Services

www.cabq.gov

C: CO Clerk—Katrina Sigala, Francis Connor
File
JMortensen@highmesacg.com
henrye@hbconstruction.com



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: EXPLORA SCIENCE CENTER & MUSEUM Building Permit #: _____ City Drainage #: J13/D070
DRB#: 1001466 EPC#: 11 EPC-40069 Work Order#: _____
Legal Description: TRACT B-3-A, FREEWAY OLD TOWN LIMITED
City Address: 1701 MOUNTAIN ROAD NW

Engineering Firm: HIGH MESA CONSULTING GROUP Contact: JEFF MORTENSEN
Address: 6010-B MIDWAY PARK BLVD. NE, ALBUQUERQUE, NM 87109
Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: jmortensen@highmesacg.cc

Owner: CITY OF ALBUQUERQUE CULTURAL SERVICES DEPT Contact: BEATRIZ RIVERA
Address: 400 MARQUETTE NW SCE605, ALBUQUERQUE, NM 87102
Phone#: 505-768-3556 Fax#: _____ E-mail: _____

Architect: MAHLMAN STUDIO ARCHITECTURE Contact: DAVID MAHLMAN
Address: 206 BROADWAY SE, ALBUQUERQUE, NM 87102
Phone#: 505-243-0101 Fax#: _____ E-mail: dmahlman@mahlmanstudi.

Surveyor: DOUGLAS H. SMITH, SURVEYOR Contact: JASON D. SMITH
Address: 2121 SAN MATEO BLVD. NE., ALBUQUERQUE, NM, 87110
Phone#: 505-255-5577 Fax#: _____ E-mail: _____

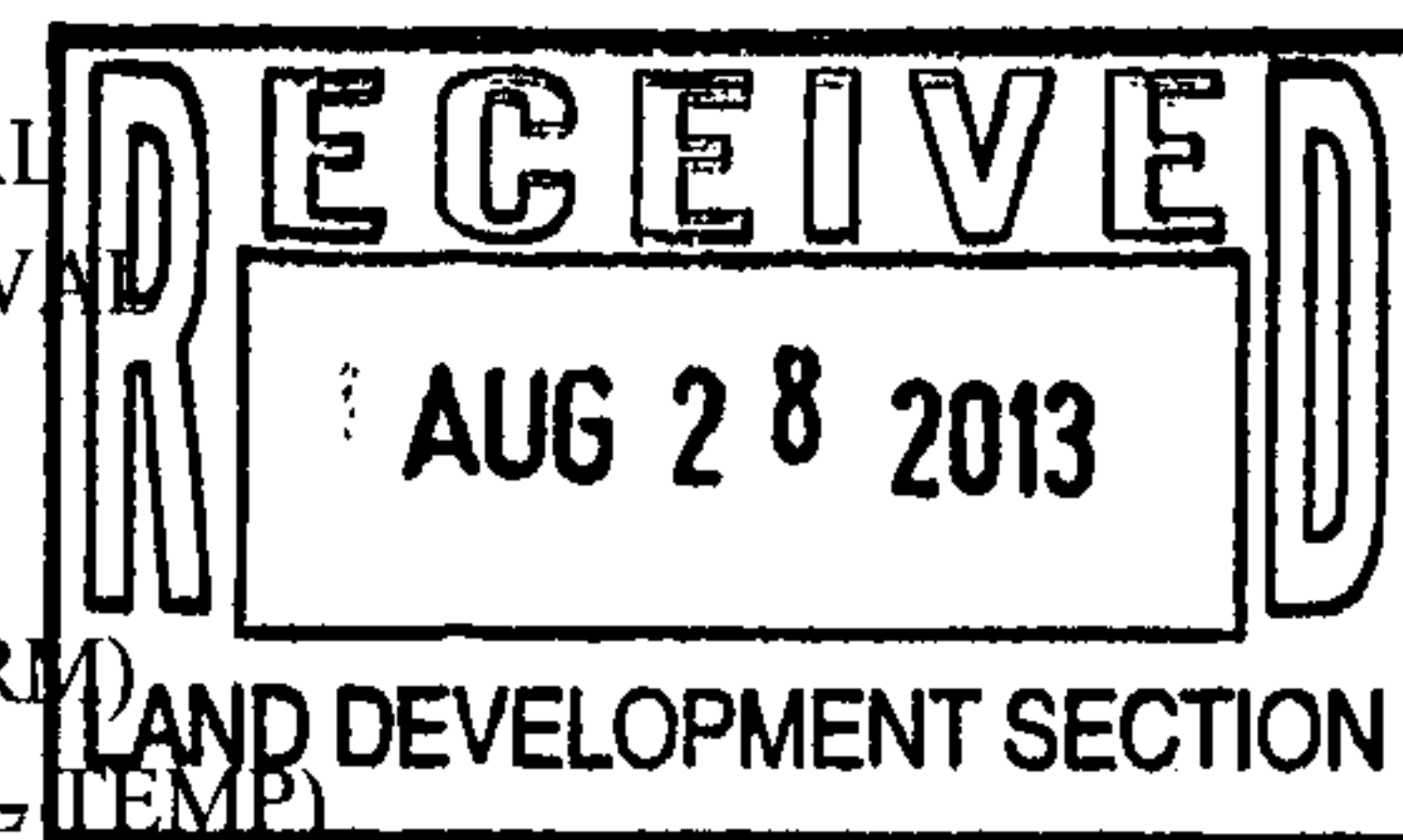
Contractor: HB CONSTRUCTION Contact: MATTHEW MULLIGAN
Address: 5301 BEVERLY HILLS NE, ALBUQUERQUE, NM 97113
Phone#: 505-856-0404 (X-110) Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☒ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY)

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PERM)
- ☒ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY)



WAS A PRE-DESIGN CONFERENCE ATTENDED: _____ Yes _____ No _____ Copy Provided

DATE SUBMITTED: 08-28-2013 By: JEFFREY G. MORTENSEN

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

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
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3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
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CITY OF ALBUQUERQUE


PLANNING DEPARTMENT – Development & Building Services



July 27, 2012

Jeff Mortensen, P.E.
High Mesa Consulting Group
6010-B Midway Park Blvd. NE
Albuquerque, New Mexico 87109

RE: **Explora** Science Center, Phase 1 – Grading & Drainage Plan for Building Permit
1701 Mountain Road N.W. P.E. Stamp: 6/18/12 (**J13-D070**)


Dear Mr. ~~Mortensen~~,

Based upon the information provided in your submittal received 06-21-12, the above referenced plan is approved for Building Permit with the following stipulations:

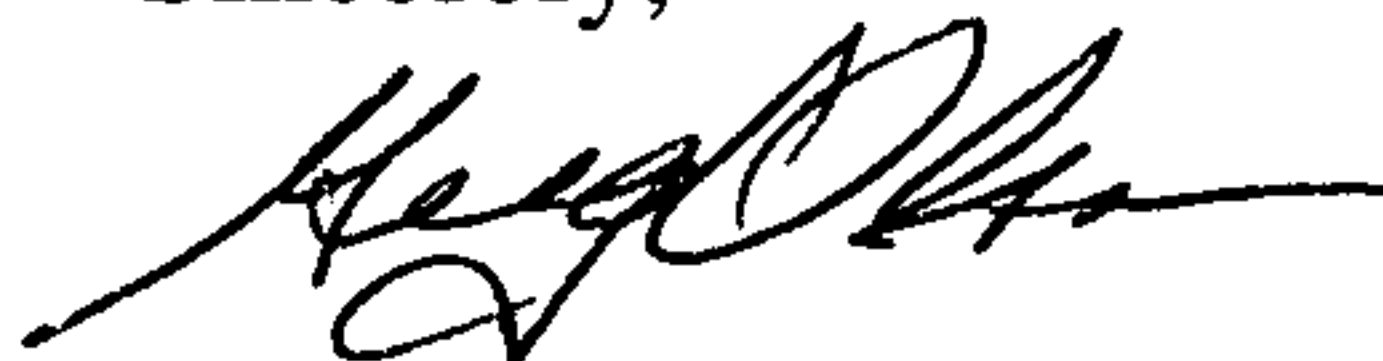
- Hydraulic calculations for this plan included future development of Phases 2 & 3. When you submit your Certification of completed construction, please include a revised basin map reflecting the new Phase 2 & 3 boundaries.
- Verify with the project Architect that leaving the 8" PVC storm drain under the Phase 1 building improvements will not jeopardize either the pipe or the building.

Prior to Permanent Certificate of Occupancy approval, an Engineer's Certification of compliance with this Grading and Drainage plan is required per the DPM..

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

If you have any questions, you can contact me at 924-3994.

Sincerely,



Gregory R. Olson, P.E.
Senior Engineer

Orig: Drainage file J13/D070
c.pdf Addressee via Email JMortensen@HighMesaCG.com
Jason Schara: JSchara@HighMesaCG.com

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE:	Explora Science Center & Children's Museum – Phase 1	ZONE ATLAS/DRNG. FILE #:	J13/D070
DRB #:		EPC #:	
WORK ORDER #:			
LEGAL DESCRIPTION:	Tract B-3-A & Portion of B-3-B, Freeway-Oldtown Ltd.		
CITY ADDRESS:	1701 Mountain Road NW		
ENGINEERING FIRM:	High Mesa Consulting Group	CONTACT:	Jeff Mortensen, NMPE 8547
ADDRESS:	6010-B Midway Park Blvd. NE	PHONE:	(505) 345-4250
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87109
OWNER:	City of Albuquerque	CONTACT:	cell 249-8604
ADDRESS:		PHONE:	j.mortensen@
CITY, STATE:	Albuquerque, NM	ZIP CODE:	
ARCHITECT:	Mahlman Studio	CONTACT:	David Mahlman
ADDRESS:	206 Broadway Blvd SE	PHONE:	(505) 243-1334
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87102
SURVEYOR:	High Mesa Consulting Group	CONTACT:	Charles Cala, NMPS 11184
ADDRESS:	6010-B Midway Park Blvd. NE	PHONE:	(505) 345-4250
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87109
CONTRACTOR:		CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	

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)
☐ 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: 06-21-12 BY: Justin Schara

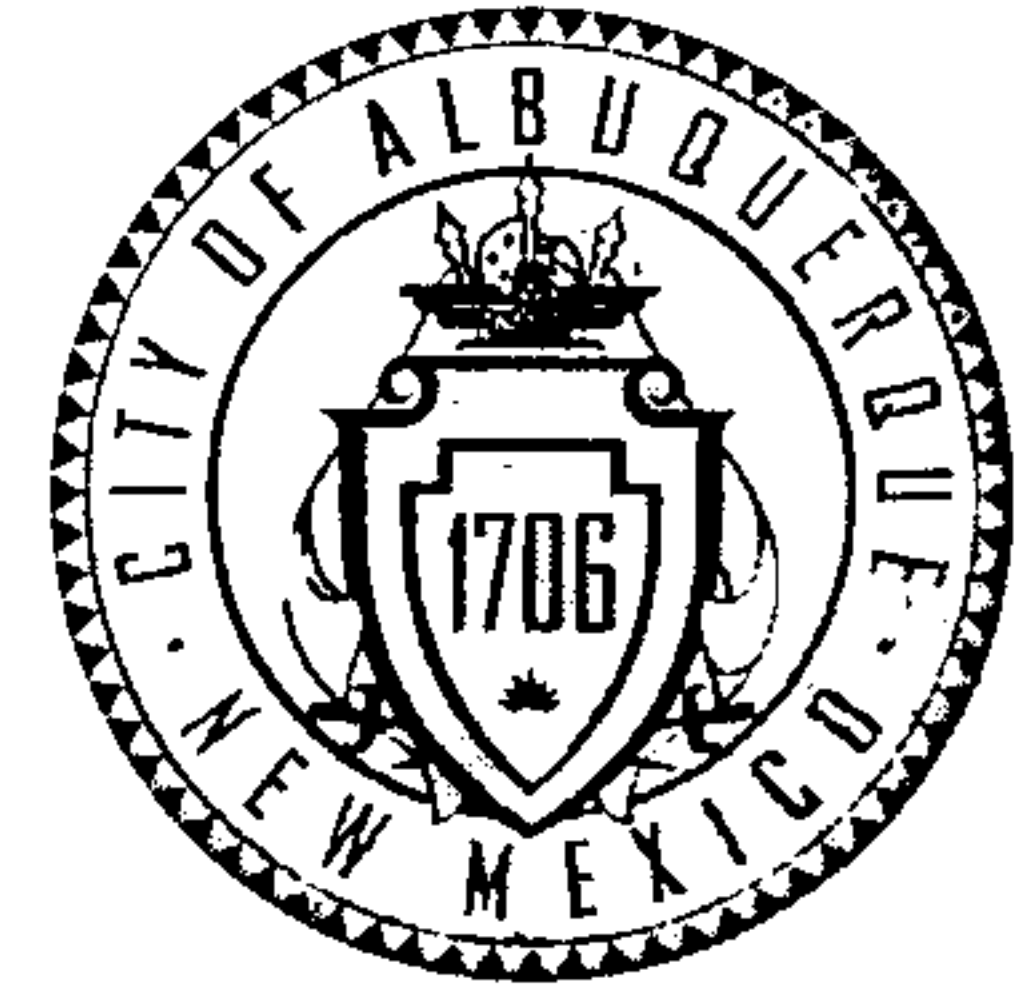
RECEIVED
JUN 21 2012

j.schara@HIGHMESA.CG
com

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 upon 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



August 26, 2013

David Mahlman, R.A.
Mahlman Studio Architecture
206 Broadway Blvd. SE
Albuquerque, NM 87102

**Re: Explora Science Center and Children's Museum Addition and Renovations,
1701 Mountain Road NW**

Permanent Certificate of Occupancy – Transportation Development

DRB Project Number 1001466 (J13-D070)

Certification dated 08-16-13

Dear Mr. Mahlman,

Based upon the information provided in your submittal received 08-21-13, Transportation Development has no objection to the issuance of a Permanent Certificate of Occupancy. This letter serves as a "green tag" from Transportation Development for a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

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

Sincerely,

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

C: CO Clerk
File

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2012)

Explora Science Center and Children's Museum

J13 D070

PROJECT TITLE: Addition and Renovations

ZONE MAP: J-13-Z

DRB#: 1001466

EPC#: 11 EPC-40069

WORK ORDER#:

LEGAL DESCRIPTION: Tract B-3-A

CITY ADDRESS: FREEWAY - OLD TOWN, LIMITED

ENGINEERING FIRM: High Mesa Consulting Group

ADDRESS: 6010 Midway Park Blvd NE

CITY, STATE: Albuquerque, NM

CONTACT: Jeff Mortensen

PHONE: 505 345-4250

ZIP CODE: 87109

EMAIL: jmortensen@highmesacg.com

OWNER: City of Albuquerque - Cultural Services Department

ADDRESS: 400 Marquette Avenue NW SCE605

CITY, STATE: Albuquerque, NM

CONTACT: Beatriz Rivera

PHONE: 768-3556

ZIP CODE: 87102

ARCHITECT: Mahlman Studio Architecture

ADDRESS: 206 Broadway SE

CITY, STATE: Albuquerque, NM

CONTACT: David Mahlman

PHONE: 243-0101

ZIP CODE: 87102

EMAIL: dmahlman@mahlmanstudio.com

SURVEYOR: ~~Gouder Miller & Assoc.~~ DOUGLAS H. SMITH,

ADDRESS: ~~3451 Gandalaria NE~~ 2121 SAN MATEO NE

CITY, STATE: ~~Albuquerque, NM~~ ABER NM

CONTACT: Kelly Melton, JASON SMITH

PHONE: ~~256-7364~~ 255, 5577

ZIP CODE: ~~87107~~ 87110

CONTRACTOR: HB Construction

ADDRESS: 5301 Beverly Hills NE

CITY, STATE: Albuquerque, NM

CONTACT: Matthew Mulligan

PHONE: 856-0404 Ext 110

ZIP CODE: 87113

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☒ X TRAFFIC CIRCULATION LAYOUT
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ OTHER (SPECIFY)

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
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- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☒ X CERTIFICATE OF OCCUPANCY (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TEMP)
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ GRADING CERTIFICATION
- ☐ OTHER (SPECIFY) SO-19

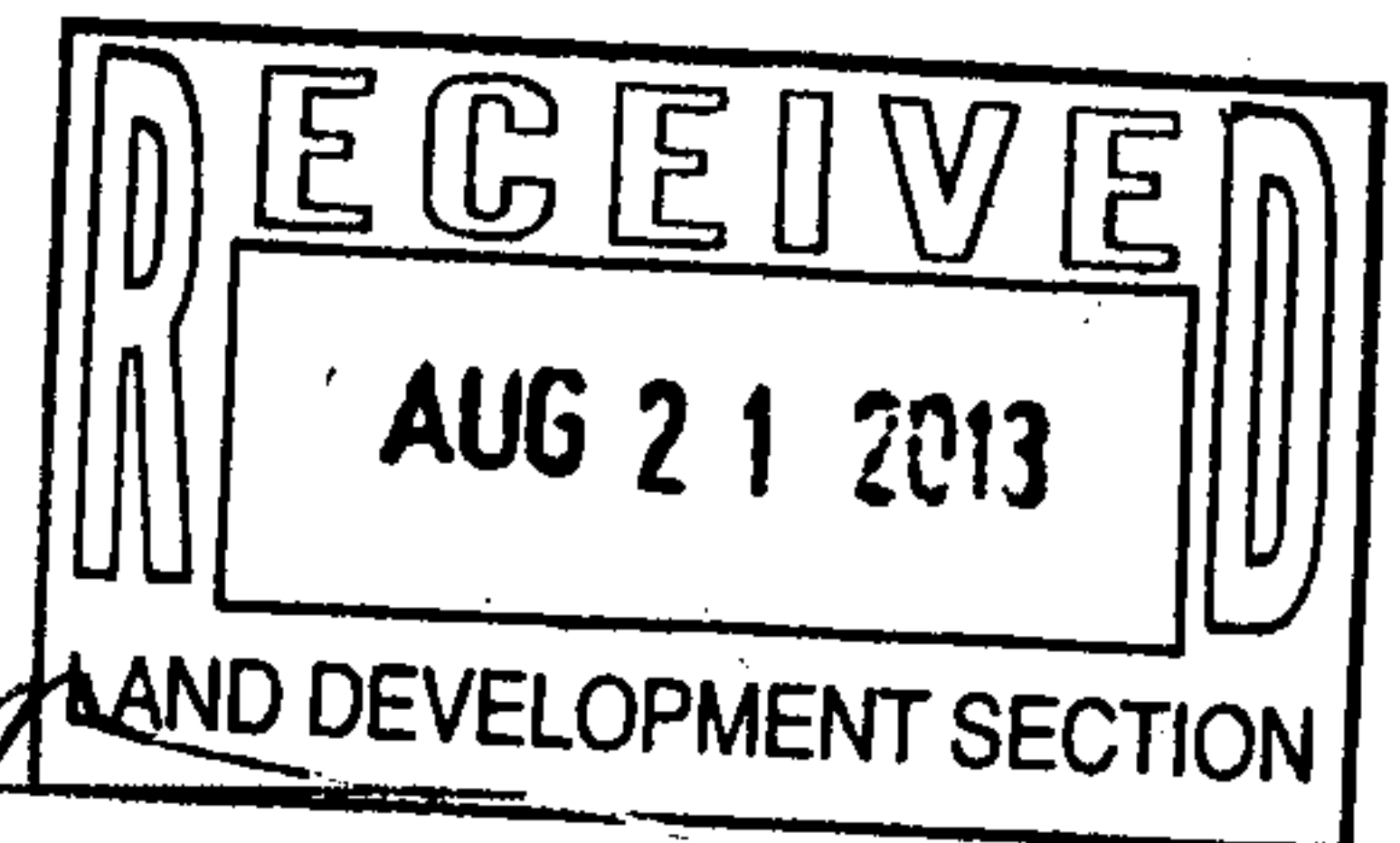
WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 19 August 2013

BY:

David Mahlman
David Mahlman



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

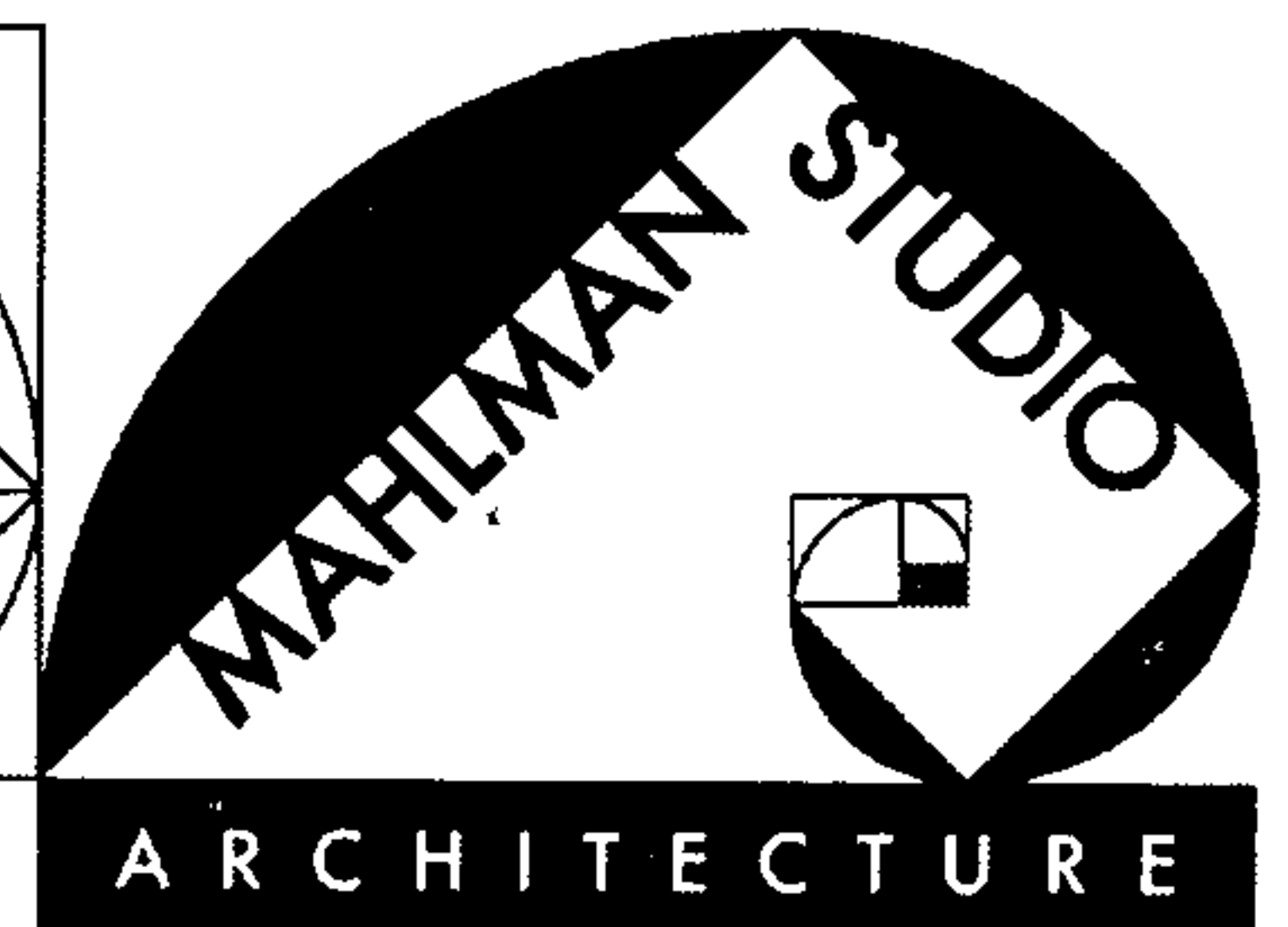
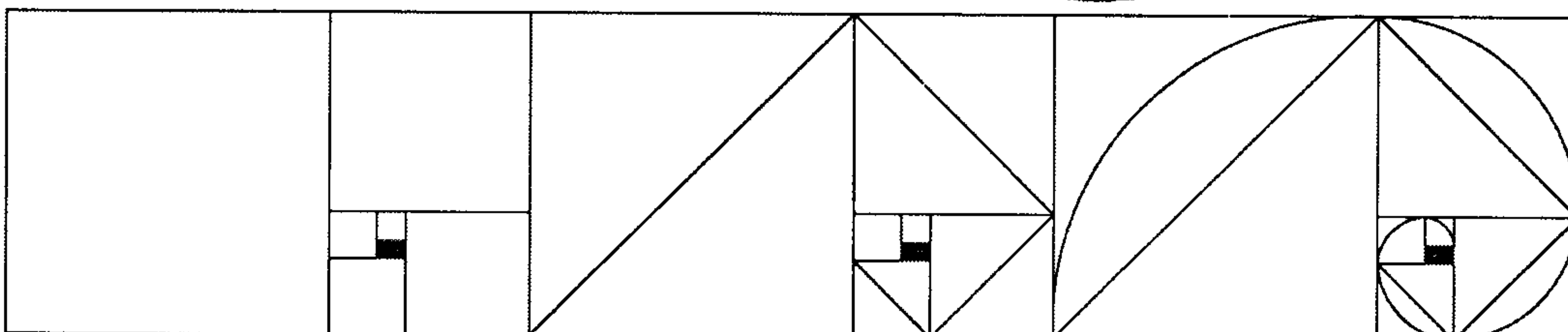
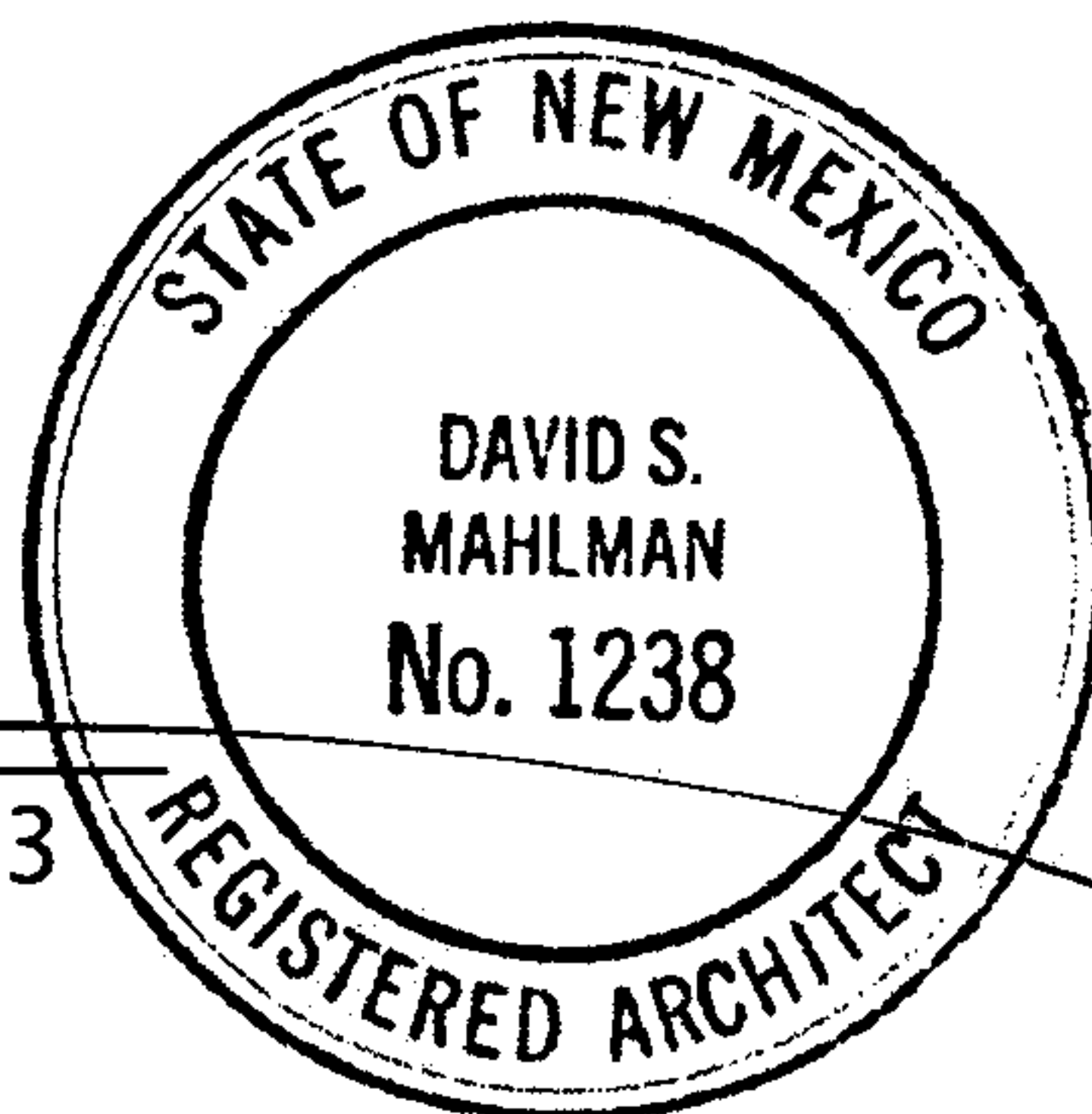
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3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

TRAFFIC CERTIFICATION

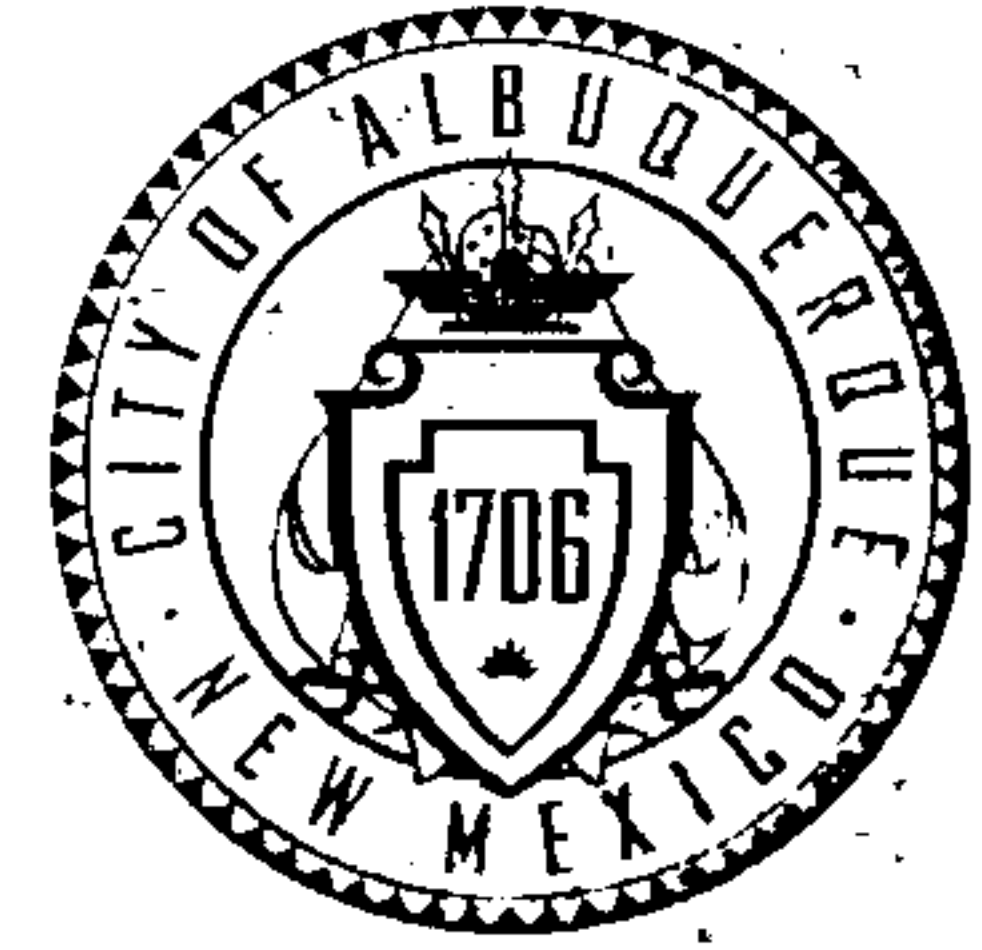
I, DAVID MAHLMAN, OF THE FIRM MAHLMAN STUDIO ARCHITECTURE, HEREBY CERTIFY THAT THIS PROJECT IS IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED JULY 7, 2009. RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY THE FIRM MAHLMAN STUDIO ARCHITECTURE. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON AUGUST 16, 2013 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE TRAFFIC ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

David Mahlman
DAVID MAHLMAN 16 AUGUST 2013



CITY OF ALBUQUERQUE



November 3, 2011

Jeffrey G. Mortensen, P.E.
High Mesa Consulting Group
6010-B Midway Park Blvd NE
Albuquerque, NM 87109

**Re: Explora Science Center & Children's Museum, 1701 Mountain Road NW,
Conceptual Grading and Drainage Plan, Engineer's Stamp dated 10-21-11
(J13/D070)**

Dear Mr. Mortensen,

Based upon the information provided in your submittal dated 10-24-11, the above referenced plan is approved for Conceptual Grading and Drainage Plan as well and Site Development Plan For Building Permit. The following comments have to be addressed prior to Building Permit Approval:

- Basin B has to be modified to include Phase 3 (Matl's Storage).
 - Portion of the ponds is being removed as part of Phase I addition. Please provide the revised pond calculations, WSEL, and maximum discharge from the pond.
- The discharge from Basin B can not exceed 2.75 cfs/acres.

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

Sincerely,

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

C: file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: Explora Science Center & Children's Museum ZONE ATLAS/DRNG. FILE #: J-13/D70
 DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: Tracts B-3-A and a Portion of B-3-B, Freeway-Old Town, Limited
 CITY ADDRESS: Mountain Road NW and 18th Street NW

ENGINEERING FIRM: High Mesa Consulting Group CONTACT: Jeff Mortensen, NMPE 8547
 ADDRESS: 6010-B Midway Park Blvd. NE PHONE: (505) 345-4250
 CITY, STATE: Albuquerque, NM ZIP CODE: 87109

OWNER: City of Albuquerque CONTACT: Architect
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____

ARCHITECT: Mahlman Studio Architecture CONTACT: David Mahlman
 ADDRESS: 206 Broadway SE PHONE: 243-0101
 CITY, STATE: Albuquerque, NM ZIP CODE: 87102

SURVEYOR: High Mesa Consulting Group CONTACT: Charles Cala, NMPS 11184
 ADDRESS: 6010-B Midway Park Blvd. NE PHONE: (505) 345-4250
 CITY, STATE: Albuquerque, NM ZIP CODE: 87109

CONTRACTOR: N/A CONTACT: _____
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT – EPC SITE PLAN APPROVAL
☐ 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)
☐ ENGINEER'S CERTIFICATION (TCL)
☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
☐ OTHER

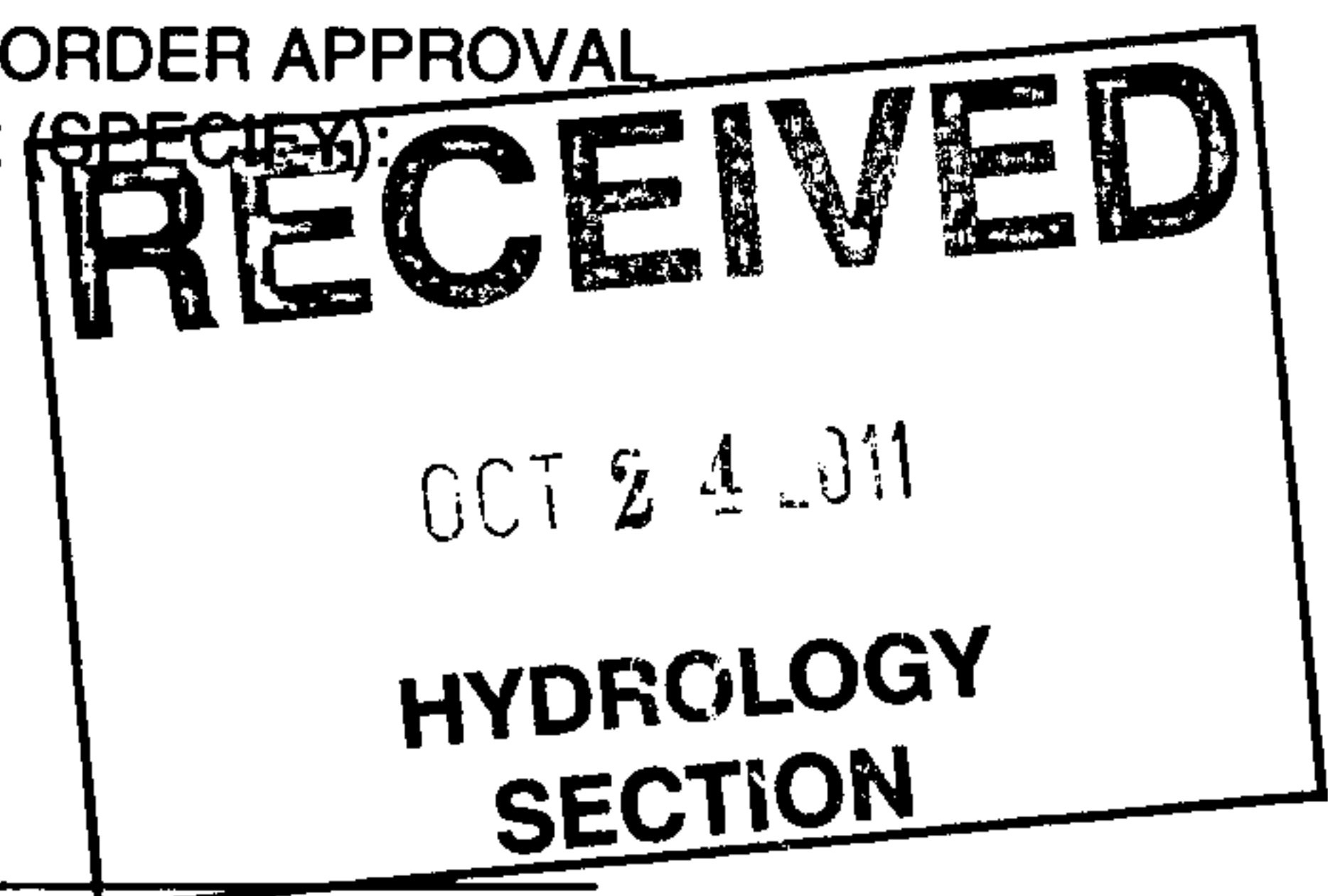
CHECK TYPE OF APPROVAL SOUGHT:

- ☐ 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: 10-24-11 BY: Justin Schara



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 upon 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.

921011

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
UTILITY DEVELOPMENT DIVISION/HYDROLOGY SECTION

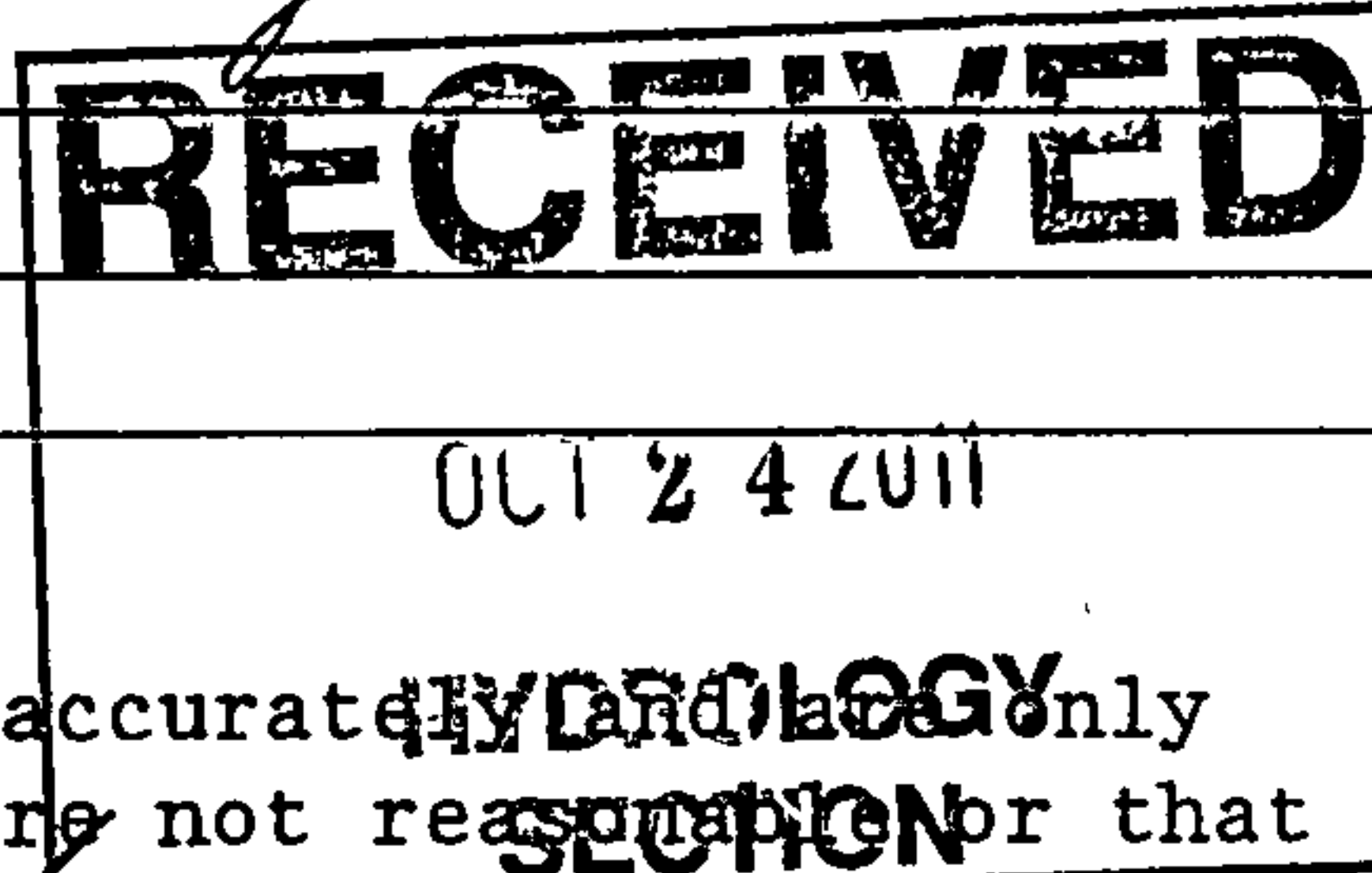
PRE-DESIGN CONFERENCE

DRAINAGE FILE/ZONE ATLAS PAGE NO.: J13 DATE: 12/9/92
EPC NO.: _____ DRB NO.: _____ ZONE: M2
SUBJECT: EXPLORA - SCIENCE CTR (PNN SITE)
STREET ADDRESS: _____
LEGAL DESCRIPTION: Tract B-3-A - Freeway - Old Town Limited

APPROVAL REQUESTED: _____ PRELIMINARY PLAT _____ FINAL PLAT
 X SITE DEVELOPMENT PLAN X BUILDING PERMIT
 _____ GRADING/PAVING PERMIT _____ OTHER

ATTENDANCE: DAVID MAHLMAN WHO REPRESENTING
 JEFF MORTENSEN
 FRED J. AGUIRRE

FINDINGS:
An APPROVED DRAINAGE plan is required for subject requests.
Given that this is in an unfill site and there is no flooding in the street, free discharge is acceptable. However, I would recommend the parking lots be connected to the S.D. in Mountain Rd if practical.
INCLUDE any other JUSTIFICATION for free discharge in your drawing submittal



The undersigned agrees that the above findings are summarized accurately and are only subject to change if further investigation reveals that they are not reasonable or that they are based on inaccurate information.

SIGNED: [Signature] SIGNED: [Signature]
TITLE: _____ TITLE: _____
DATE: 12/9/92 DATE: 12/09/92



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 6, 2002

Jeff Mortensen, P.E.
Jeff Mortensen & Assoc.
6010-B Midway Park Blvd NE
Albuquerque, New Mexico 87109

RE: EXPLORA SCIENCE CENTER & CHILDREN'S MUSEUM (J-13/D70)
(Mountain Rd & 18th St NW)
ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY
ENGINEERS STAMP DATED 9/21/1999 Rev. 03/26/2002
ENGINEERS CERTIFICATION DATED 9/4/2002

Dear Mr. Mortensen:

Based upon the information provided in your Engineers Certification submittal dated 9/5/2002, the above referenced site is approved for a Permanent Certificate of Occupancy.

If I can be of further assistance, please contact me at 924-3981.

Sincerely,

Teresa A. Martin

Hydrology Plan Checker

Development & Bldg. Ser. Division

Bub

C: Certificate of Occupancy Clerk, COA
approval file
✓ drainage file

DRAINAGE INFORMATION SHEET

(REV. 11/01/2001)

PROJECT TITLE: Explora Science Center & Children's Museum ZONE ATLAS/DRNG. FILE #: J-13/D70
 DRB #: _____ EPC #: _____ WORK ORDER #: 4394-PHASE I

LEGAL DESCRIPTION: Tracts B-3-A and a portion of B-3-B, Freeway-Old Town, Limited
 CITY ADDRESS: Mountain Road NW and Eighteenth Street NW

ENGINEERING FIRM: Jeff Mortensen & Assoc., Inc. CONTACT: Christian J. Sholtis
 ADDRESS: 6010-B Midway Park Blvd. NE PHONE: (505) 345-4250
 CITY, STATE: Albuquerque, NM ZIP CODE: 87109

OWNER: City of Albuquerque CONTACT: Architect
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____

ARCHITECT: Mahlman & Miles CONTACT: David Ritchey
 ADDRESS: 414 1/2 Central Ave. SE PHONE: 243-0101
 CITY, STATE: Albuquerque, NM ZIP CODE: 87102

SURVEYOR: McClintock Surveying and Drafting CONTACT: Brian McClintock
 ADDRESS: 6428 Grayson Hills Drive NE PHONE: 771-8707
 CITY, STATE: Rio Rancho, NM ZIP CODE: 87124

CONTRACTOR: New Mexico SamCorp. Inc. CONTACT: Victor Dominguez
 ADDRESS: 1717 Louisiana Blvd. NE PHONE: 255-6265
 CITY, STATE: Albuquerque, NM ZIP CODE: 87110

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

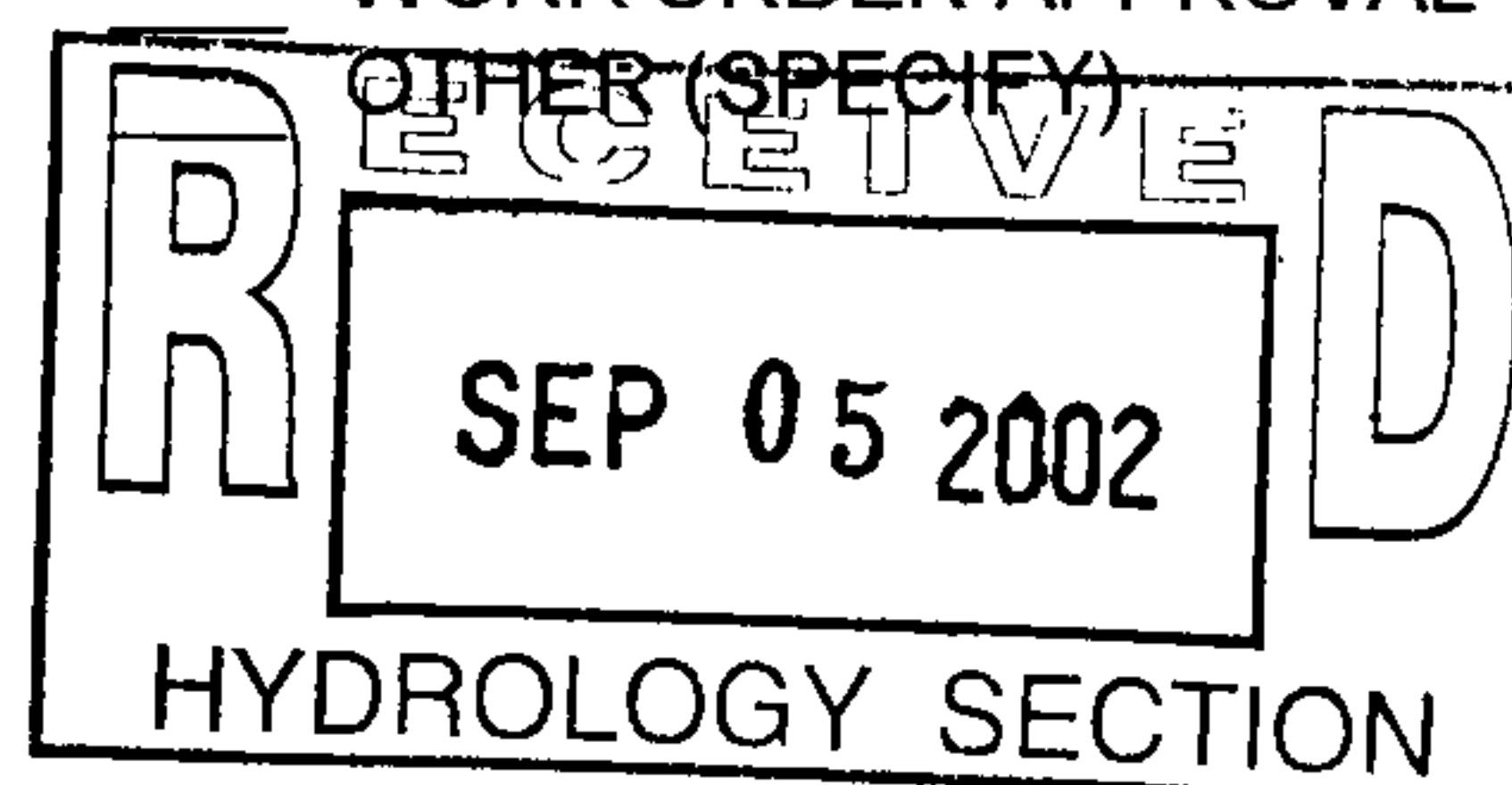
CHECK TYPE OF APPROVAL SOUGHT:

- ☐ 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: 9-3-02 BY: Chris Sholtis

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 upon the following:

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2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage 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

***Public Works Department
Transportation Development Services Section***

September 5, 2002

Christian J. Sholtis for Jeff Mortensen, P.E.
Jeff Mortensen & Associates Inc.
6010-B Midway Park Blvd. N.E.
Albuquerque, NM. 87109

Re: Certification Submittal for Final Building Certificate of Occupancy for
Explora Science Center & Children's Museum
XXXX Mountain Rd. (@ Eighteenth St.) N.W.
Albuquerque, NM - Zip Code Needed
Engineer's Stamp dated - 09/04/02

Dear Mr Sholtis:

The TCL / Letter of Certification submitted on September 5, 2002 is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to Building and Safety and final C.O. has been logged in at the Building Safety Section downstairs.

For all future submittals, for TCL, Temp C.O. or Final C.O., please include the street address of the site including street number for filing purposes for this office. This office is, and has been, under continual pressure to review plans in a time-efficient manner. Retrieving plans without a proper filing number (street address number), takes some of that time that could be used for review. Also, zip codes, for mailing, are needed by this office. The Drainage and Transportation Information Sheet must be as clearly and fully completed to allow notification of pertinent parties.

Thank you for your cooperation.

Sincerely,

Mike Zamora, Commercial Plan Checker
Development and Building Services
Planning Department

c: Hydrology file
Mike Zamora

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