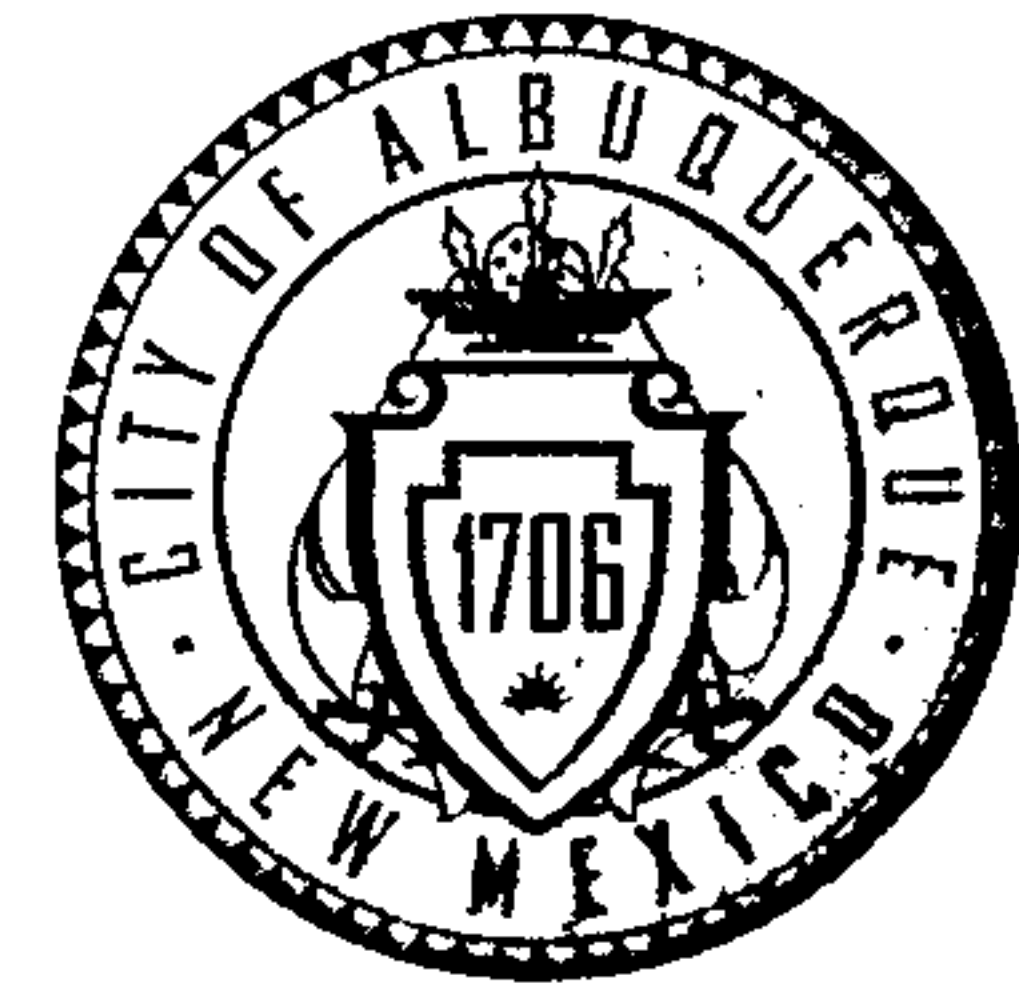


# CITY OF ALBUQUERQUE



June 25, 2015

Diane Hoelzer, PE  
Mark Goodwin & Associates, PA.  
PO Box 90606  
Albuquerque, NM 87199

**Re: Pacific Mutual Door and Window  
4601 Paseo Del Norte NE  
Request Permanent C.O. - Accepted  
Engineer's Stamp dated: 3-5-15 (C17D005)  
Certification dated: 6-22-15**

Dear Ms. Hoelzer,

Based on the Certification received 6/22/2015, the above mentioned business is acceptable for release of Certificate of Occupancy by Hydrology.

PO Box 1293

If you have any questions, you can contact me at 924-3695 or Rudy Rael at 924-3977.

Albuquerque

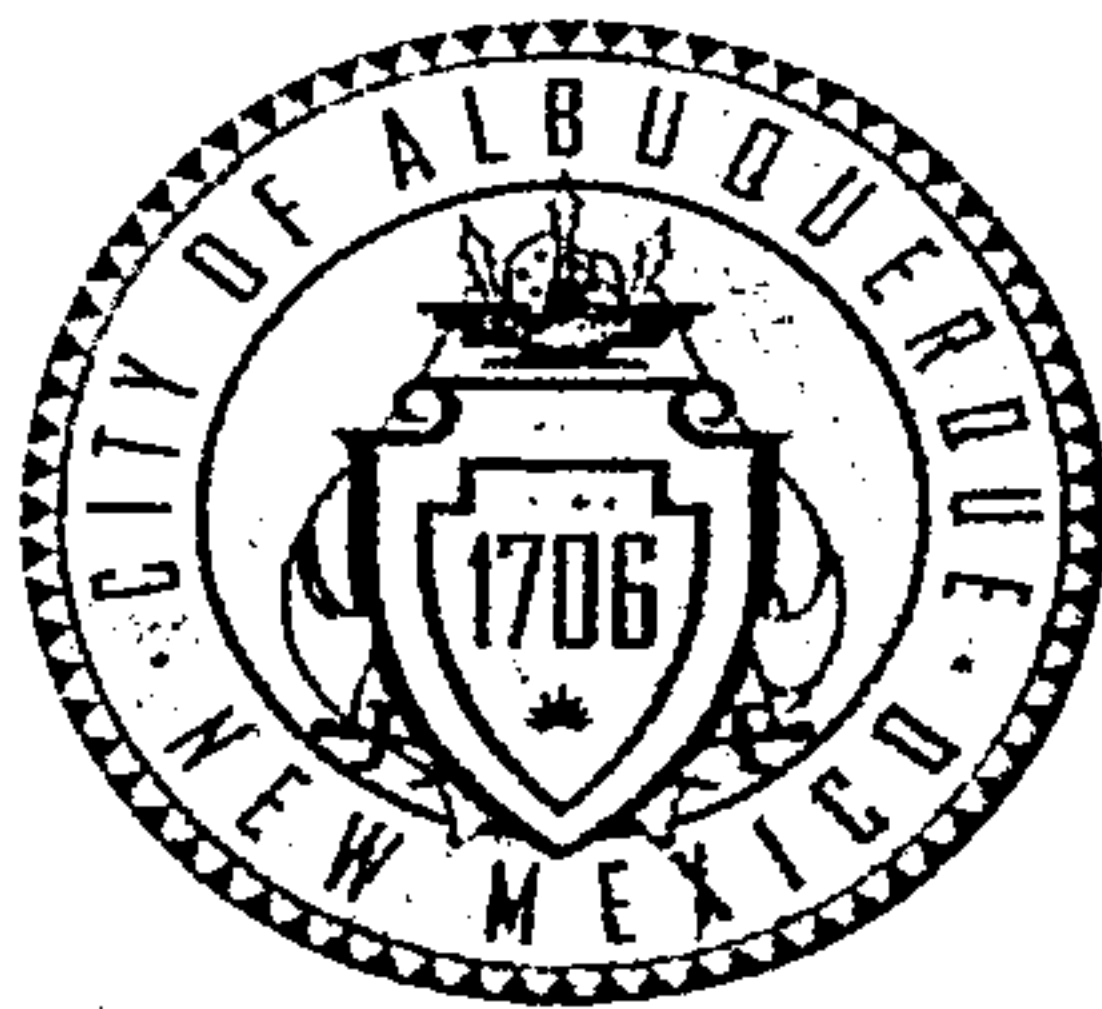
New Mexico 87103

[www.cabq.gov](http://www.cabq.gov)

Sincerely,

Rita Harmon, P.E.  
Senior Engineer, Hydrology  
Planning Department

C: RR/RH  
email



# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Pacific Mutual Door and Window Building Permit #: \_\_\_\_\_ City Drainage #: C17D005

DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_

Legal Description: Tract 1, Lands of Los Angeles Investors

City Address: 4601 Paseo Del Norte Boulevard Northeast, Albuquerque, NM 87113

Engineering Firm: Mark Goodwin & Associates

Contact: Diane Hoelzer

Address: PO Box 90606, Albuquerque, NM 87199

Phone#: 505-828-2200

Fax#: 505-797-9539

E-mail: diane@goodwinengineers.c

Owner: Pacific Mutual Door and Window

Contact: SANDY LAMBERT

Address: 1525 WEST 31ST STREET, KANSAS CITY, MO 64108

Phone#: 505-823-2505

Fax#: \_\_\_\_\_

E-mail: \_\_\_\_\_

Architect: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone#: \_\_\_\_\_

Fax#: \_\_\_\_\_

E-mail: \_\_\_\_\_

Surveyor: Cartesian Surveys Inc.

Contact: Brian Martinez

Address: 1005 21st Street, Rio Rancho, NM 87124

Phone#: 505-896-3050

Fax#: \_\_\_\_\_

E-mail: \_\_\_\_\_

Contractor: Franklins Earthmoving

Contact: John Ellis

Address: 2425 Jefferson NE, ABQ, NM 87110

Phone#: 884-6947

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 (TENTATIVE)
- ☐ 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: 6-22-15

By: Diane Hoelzer, PE

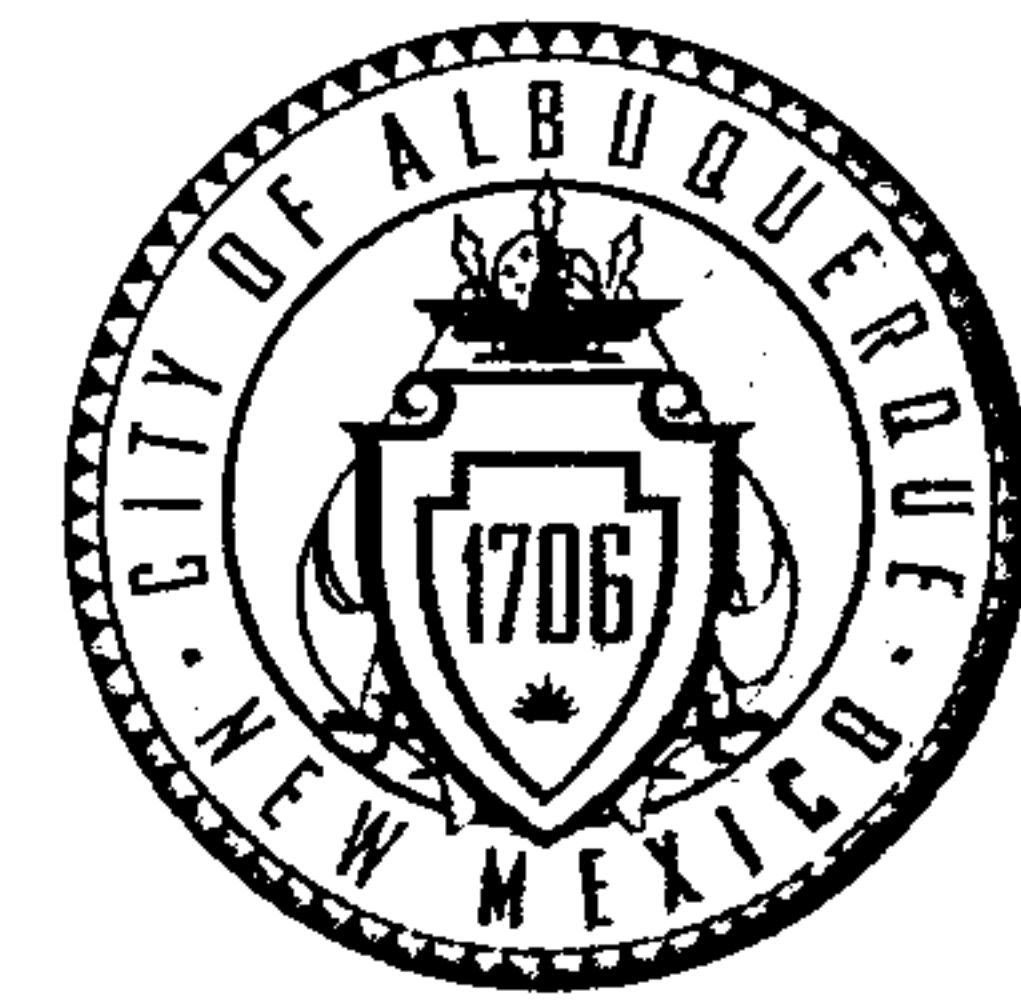
Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based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

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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

PLANNING DEPARTMENT – Development Review Services



March 11, 2015

Diane Hoelzer, P.E.  
**Mark Goodwin & Associates, P.A.**  
P.O. Box 90606  
Albuquerque, NM 87199

Richard J. Berry, Mayor

**RE: Pacific Mutual Door and Window - Tract 1, Lands of L.A.  
Paving, Grading & Drainage Plan  
Engineer's Stamp Date 3-5-15 (File: C17D005)**

Dear Ms. Hoelzer:

Based upon the information provided in your submittal received 3-6-15, the above referenced plan is approved for Grading and Paving Permit, and SO-19 Permit with the following comment:

1. . Indicate the Emergency overflow path as discussed – ~~through the swale along the south side of property.~~

PO Box 1293 After completion of the project please submit Engineer Certification per the DPM checklist for our records.

Albuquerque A separate SO-19 permit is required for construction within City ROW. A copy of this approval letter must be on hand when applying for the excavation/barricading permit. The work in the City ROW must be inspected and accepted. Contractor must contact Jason Rodriguez at 235-8016 and Construction Coordination at 924-3416 to schedule an inspection.

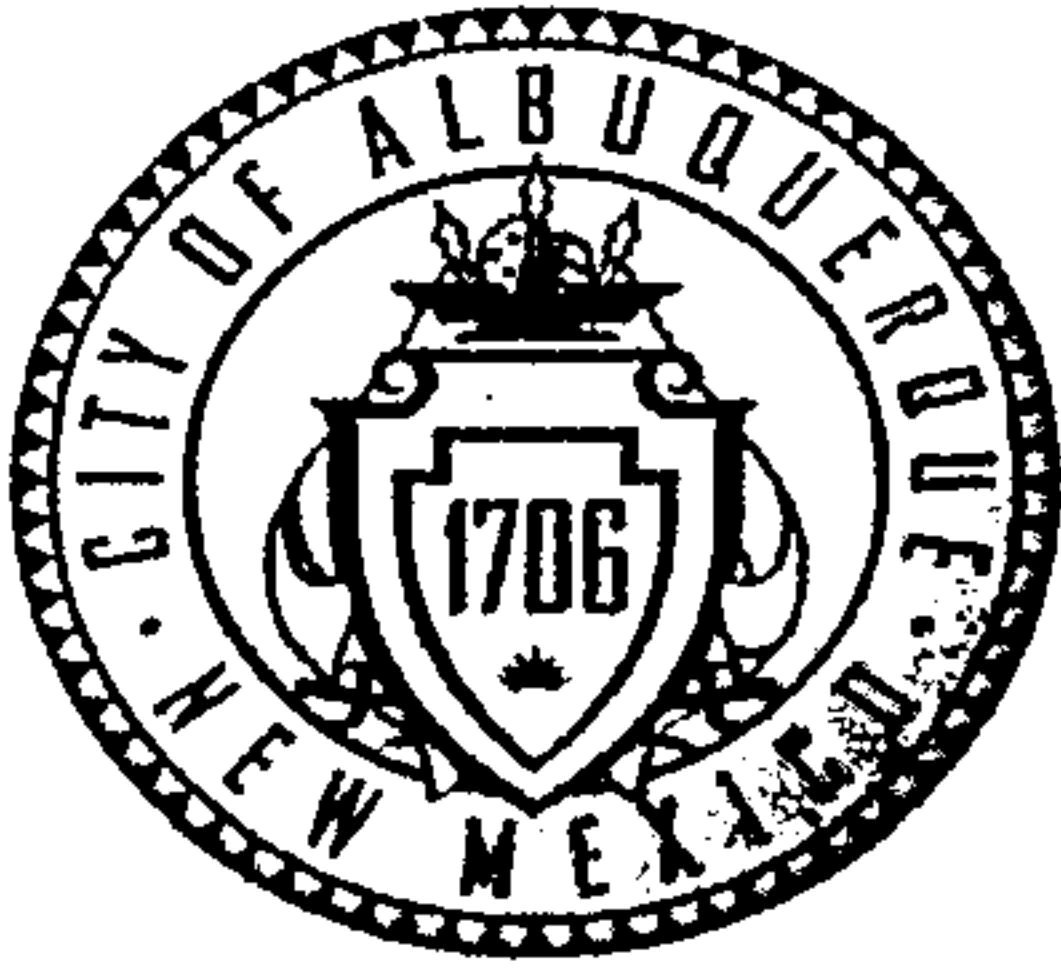
New Mexico 87103

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

Sincerely,

Rita Harmon, P.E.  
Senior Engineer, Planning Dept.  
Development Review Services

Orig: Drainage file  
c.pdf: via Email: Recipient, Monica Ortiz, Jason Rodriguez and Antoinette Baldonado (DMD)



# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Pacific Mutual Door and Window Building Permit #: \_\_\_\_\_ City Drainage #: \_\_\_\_\_

DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_

Legal Description: Tract 1, Lands of Los Angeles Investors

City Address: 4601 Paseo Del Norte Boulevard Northeast, Albuquerque, NM 87113

Engineering Firm: Mark Goodwin & Associates Contact: Diane Hoelzer

Address: PO Box 90606, Albuquerque, NM 87199

Phone#: 505-828-2200 Fax#: 505-797-9539 E-mail: diane@goodwinengineers.c

Owner: Pacific Mutual Door and Window Contact: SANDY LAMBERT

Address: 1525 WEST 31ST STREET, KANSAS CITY, MO 64108

Phone#: 505-823-2505 Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Architect: \_\_\_\_\_ Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Surveyor: CSC Contact: TONY YANCHULIS

Address: PO BOX 1328, CORRALES, NM 87048

Phone#: 505-897-000 Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Contractor: \_\_\_\_\_ Contact: \_\_\_\_\_

Address: \_\_\_\_\_

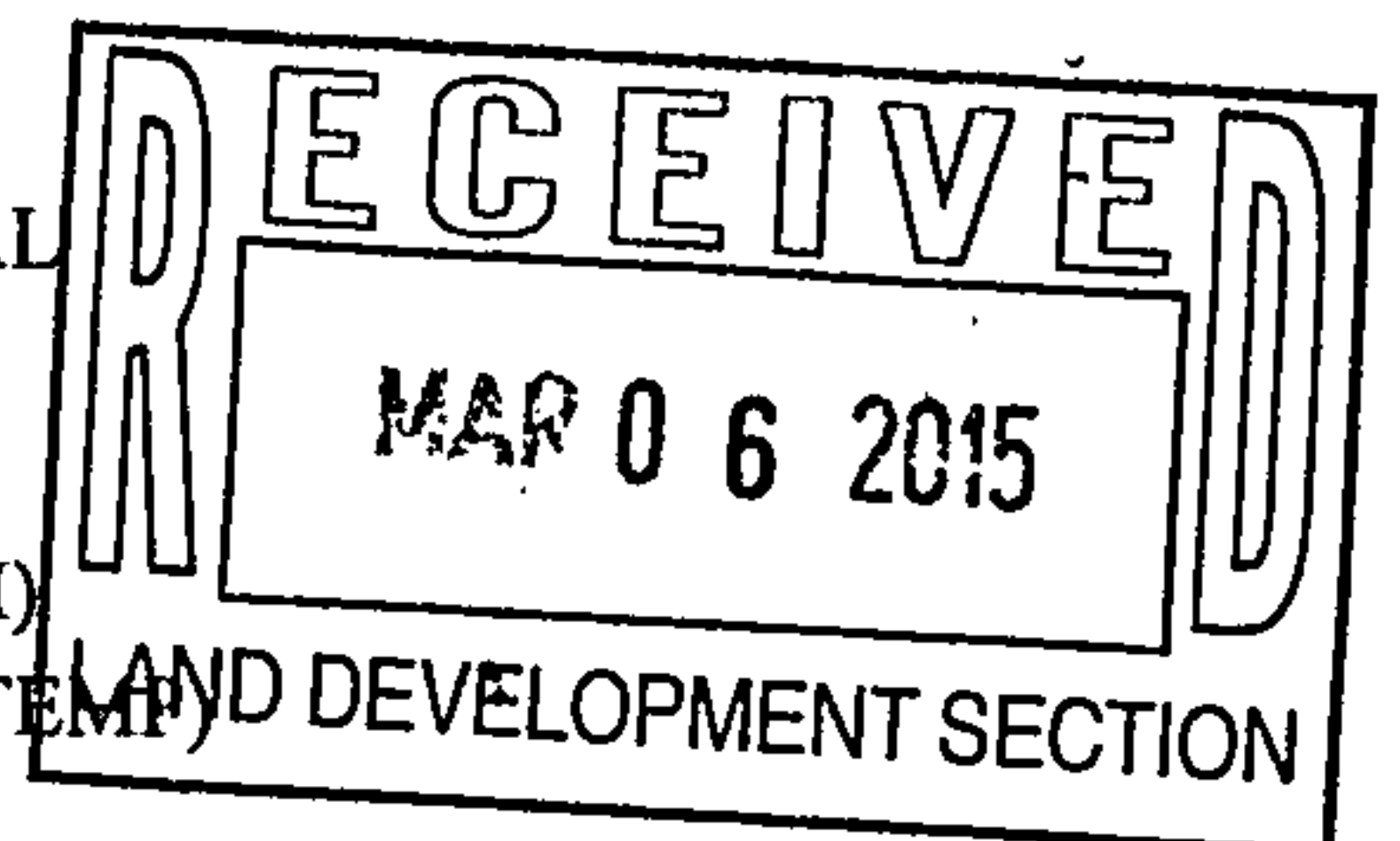
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

### 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)
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- ☐ ENGINEER'S CERT (ESC)
- ☒ SO-19
- ☐ OTHER (SPECIFY) \_\_\_\_\_

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- ☐ 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
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- ☐ 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: 3-6-15 By: Diane Hoelzer

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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## Kay Brashear

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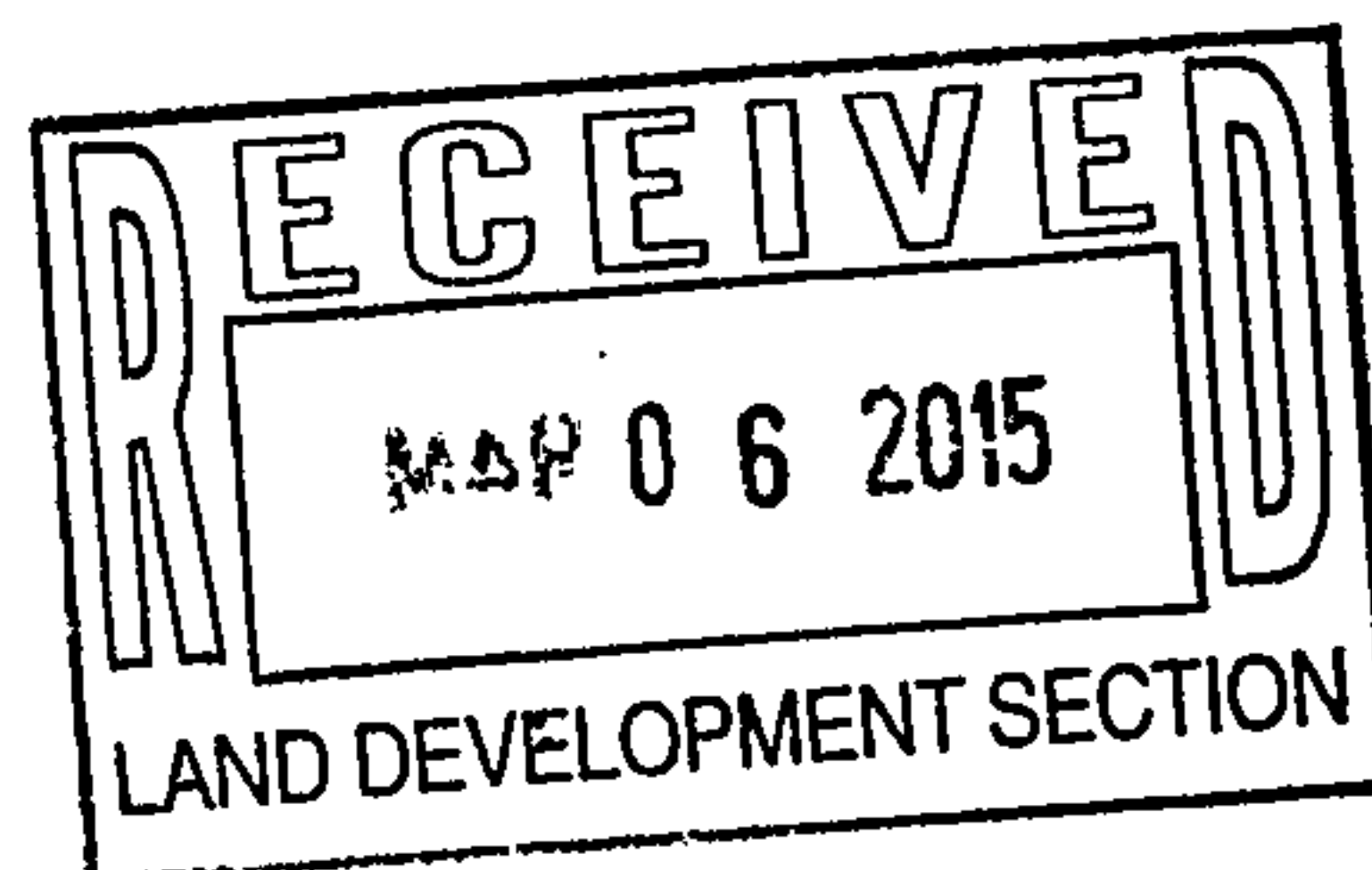
**From:** Kay Brashear  
**Sent:** Thursday, March 5, 2015 3:55 PM  
**To:** 'Ortiz, Monica'; Vanessa A. Segura (vsegura@cabq.gov)  
**Cc:** Curtis Cherne (ccherne@cabq.gov); Rita Harmon (rharmon@cabq.gov); Diane Hoelzer  
**Subject:** Pacific Mutual Door & Window Grading  
**Attachments:** Pac Mut GandD Info Sheet.pdf; temp00428.PDF

Monica and Vanessa,

Attached are the PDF files for a Drainage Submittal we will be delivering tomorrow.

Thank you,

*Kay Brashear*  
Mark Goodwin & Associates, PA  
Office Manager  
PO BOX 90606  
Albuquerque, NM 87119  
(505) 828-2200





Verbal No



# City of Albuquerque

## Planning Department

### Development & Building Services Division

#### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Pacific Mutual Door and Window Building Permit #: \_\_\_\_\_ City Drainage #: C17D005

DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_

Legal Description: Tract 1, Lands of Los Angeles Investors

City Address: 4601 Paseo Del Norte Boulevard Northeast, Albuquerque, NM 87113

Engineering Firm: Mark Goodwin & Associates Contact: Kelly Klein

Address: PO Box 90606, Albuquerque, NM 87199

Phone#: 505-828-2200 Fax#: 505-797-9539 E-mail: kelly@goodwinengineers.com

Owner: Pacific Mutual Door and Window Contact: SANDY LAMBERT

Address: 1525 WEST 31ST STREET, KANSAS CITY, MO 64108

Phone#: 505-823-2505 Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Architect: \_\_\_\_\_ Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Surveyor: CSC Contact: TONY YANCHULIS

Address: PO BOX 1328, CORRALES, NM 87048

Phone#: 505-897-000 Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Contractor: \_\_\_\_\_ Contact: \_\_\_\_\_

Address: \_\_\_\_\_

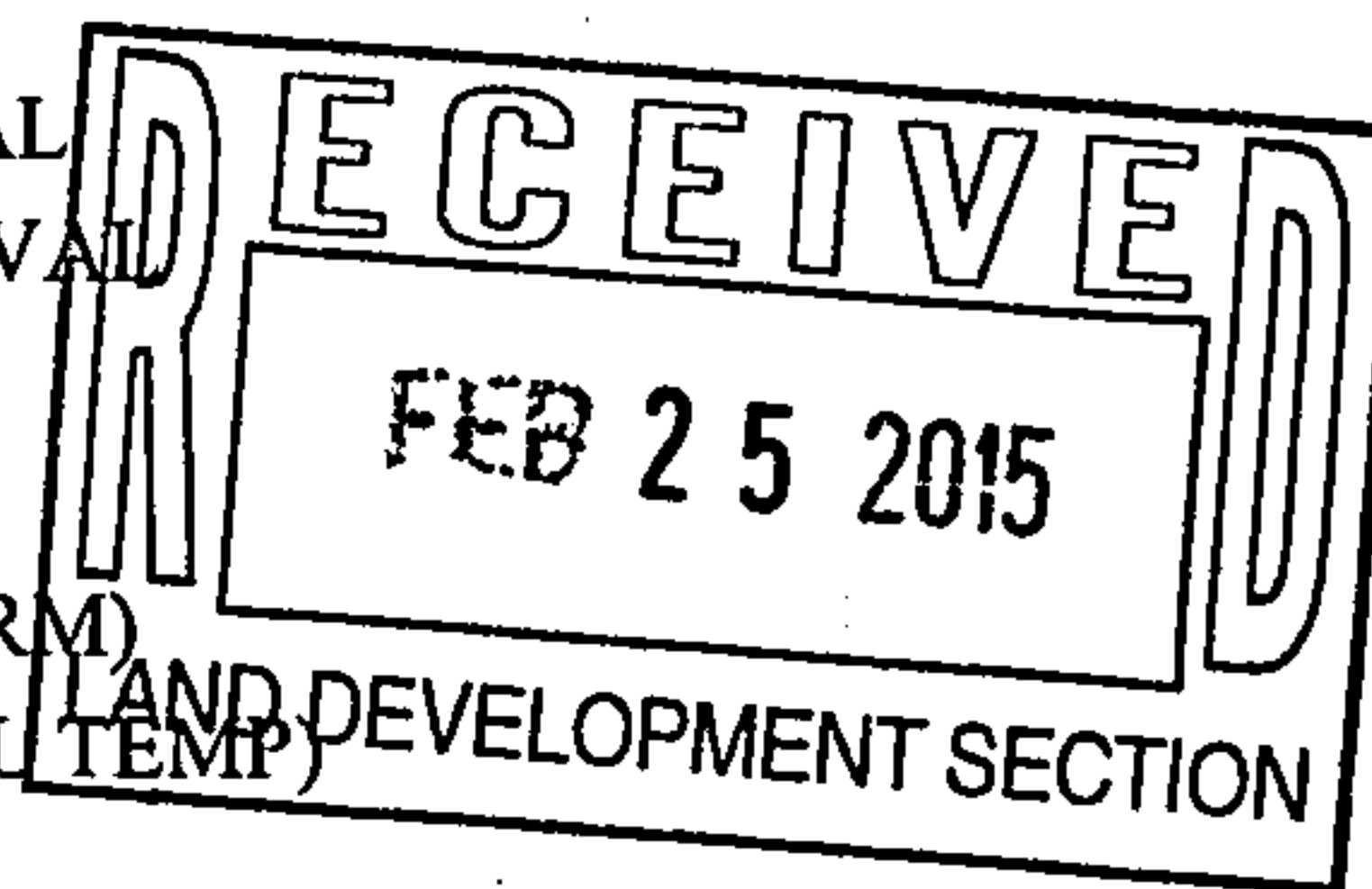
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

#### TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
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- ☐ 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
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- ☐ 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: 2-24-15 By: Kelly Klein

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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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



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

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

~ 2012 ACEC/NM Award Winner for Engineering Excellence ~  
~ 2008 ACEC/NM Award Winner for Engineering Excellence ~

February 24, 2015

Ms. Rita Harmon  
Senior Engineer, Planning Department  
City of Albuquerque

**Re: Pacific Mutual Door and Window – Tract 1, Lands of L.A.  
Paving, Grading & Drainage Plan  
Engineer's Stamp Date 4-29-2014 (File: C17D005)**

Dear Ms. Harmon:

Attached are the revised changes to the Paving, Grading and Drainage Plan for the referenced project as discussed at our meeting on February 20, 2015. Since the sidewalk culvert shown on the original plan set was not constructed by the NMDOT and an ADA accessible ramp was installed in the location of the proposed concrete channel, the following changes have been made to the plan:

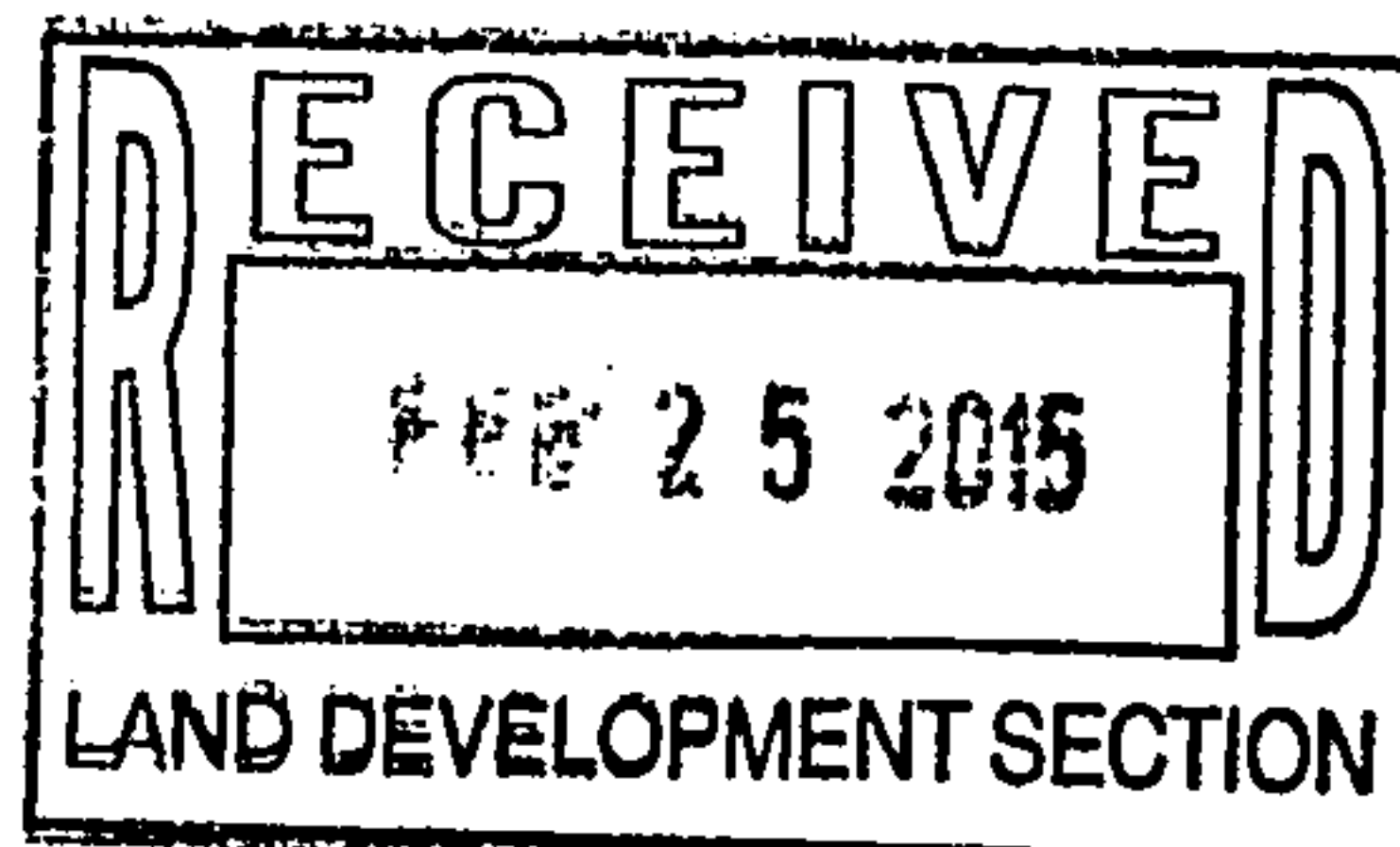
1. The proposed channel and sidewalk culvert will be relocated to the east side of the transformer.
2. A concrete channel from the existing parking lot just north of this new paving will be installed to drain onto Washington St. This drainage pattern follows the existing paths and will not add any additional flows to Washington St. From Washington Street, the flows will discharge into Paseo Del Norte as originally proposed.

Please feel free to contact our office with any questions you may have.

Sincerely,  
MARK GOODWIN & ASSOCIATES, PA

Kelly Klein, EI  
Staff Engineer

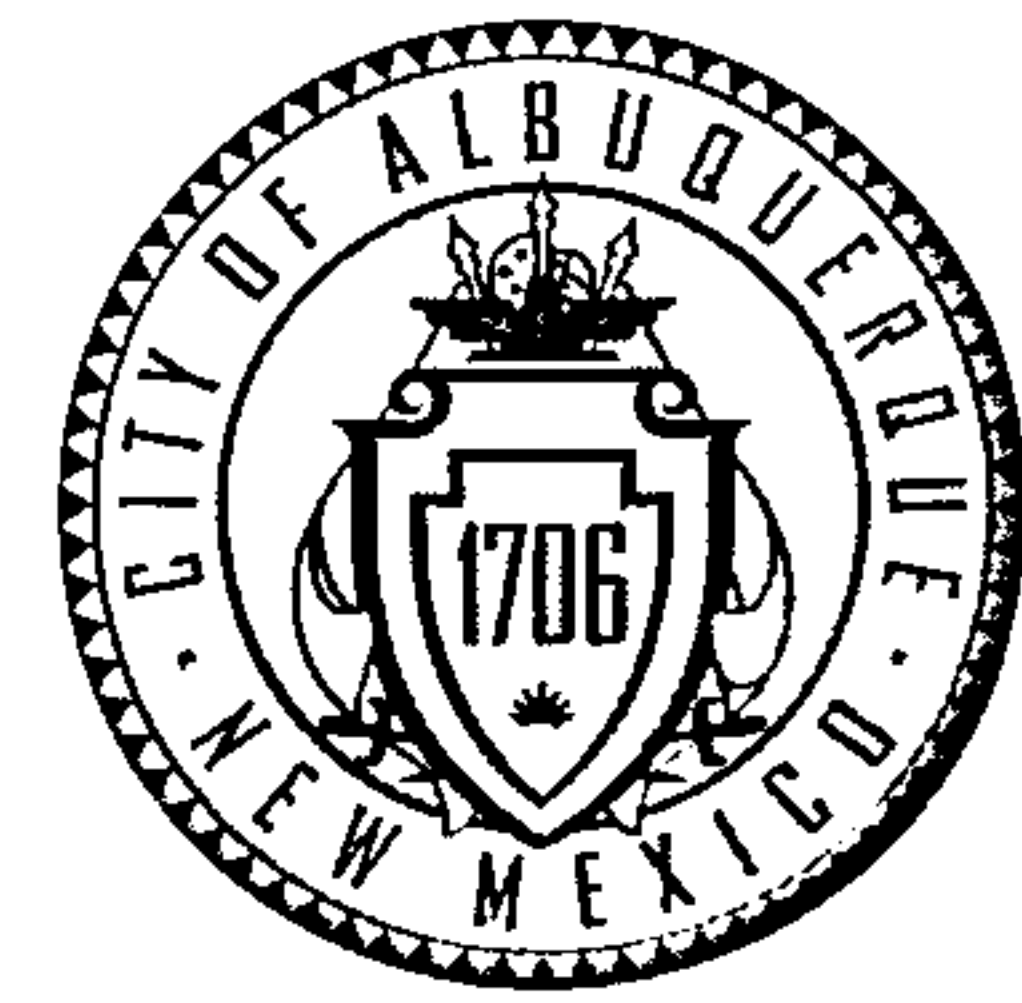
KMK/kmk





# CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



June 4, 2014

Diane Hoelzer, P.E.  
**Mark Goodwin & Associates, P.A.**  
P.O. Box 90606  
Albuquerque, NM 87199

Richard J. Berry, Mayor

**RE: Pacific Mutual Door and Window - Tract 1, Lands of L.A.  
Paving, Grading & Drainage Plan  
Engineer's Stamp Date 4-29-2014 (File: C17D005)**

Dear Ms. Hoelzer:

Based upon the information provided in your submittal received 5-23-14, the above referenced plan is approved for Grading and Paving Permit with the following comment:

1. Indicate the Emergency overflow path as discussed – through the ~~swale~~ <sup>~~Swale~~</sup> along the ~~south~~ side of property.

PO Box 1293

Since the disturbed area on this site exceeds 1.0 acre, an Erosion and Sediment Control (ESC) Plan, prepared by a NM PE and approved by the City's Stormwater Engineer, will be required for this site, prior to Hydrology approval of a Building Permit or Work Order.

Albuquerque

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

New Mexico 87103

Sincerely,

Rita Harmon, P.E.  
Senior Engineer, Planning Dept.  
Development Review Services

www.cabq.gov

Orig: Drainage file  
c.pdf Addressee via Email , Tim Sims, Monica Ortiz





# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: PACIFIC MUTUAL DOOR AND WINDOW Building Permit #: \_\_\_\_\_ City Drainage #: C17D005  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_  
Legal Description: TRACT 1, LANDS OF LOS ANGELES  
City Address: \_\_\_\_\_

Engineering Firm: MARK GOODWIN & ASSOCIATES, PA Contact: DIANE HOELZER  
Address: PO BOX 90606, ABQ, NM 87199  
Phone#: 828-2200 Fax#: \_\_\_\_\_ E-mail: DIANE@GOODWINENGINEERS.COM

Owner: PACIFIC MUTUAL DOOR & WINDOW Contact: SANDY LAMBERT  
Address: 1525 WEST 31ST STREET, KANSAS CITY, MO 64108  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Architect: N/A Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Surveyor: CSC Contact: TONY YANCHULIS  
Address: PO BOX 1328, CORRALES, NM 87048  
Phone#: 897-000 Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

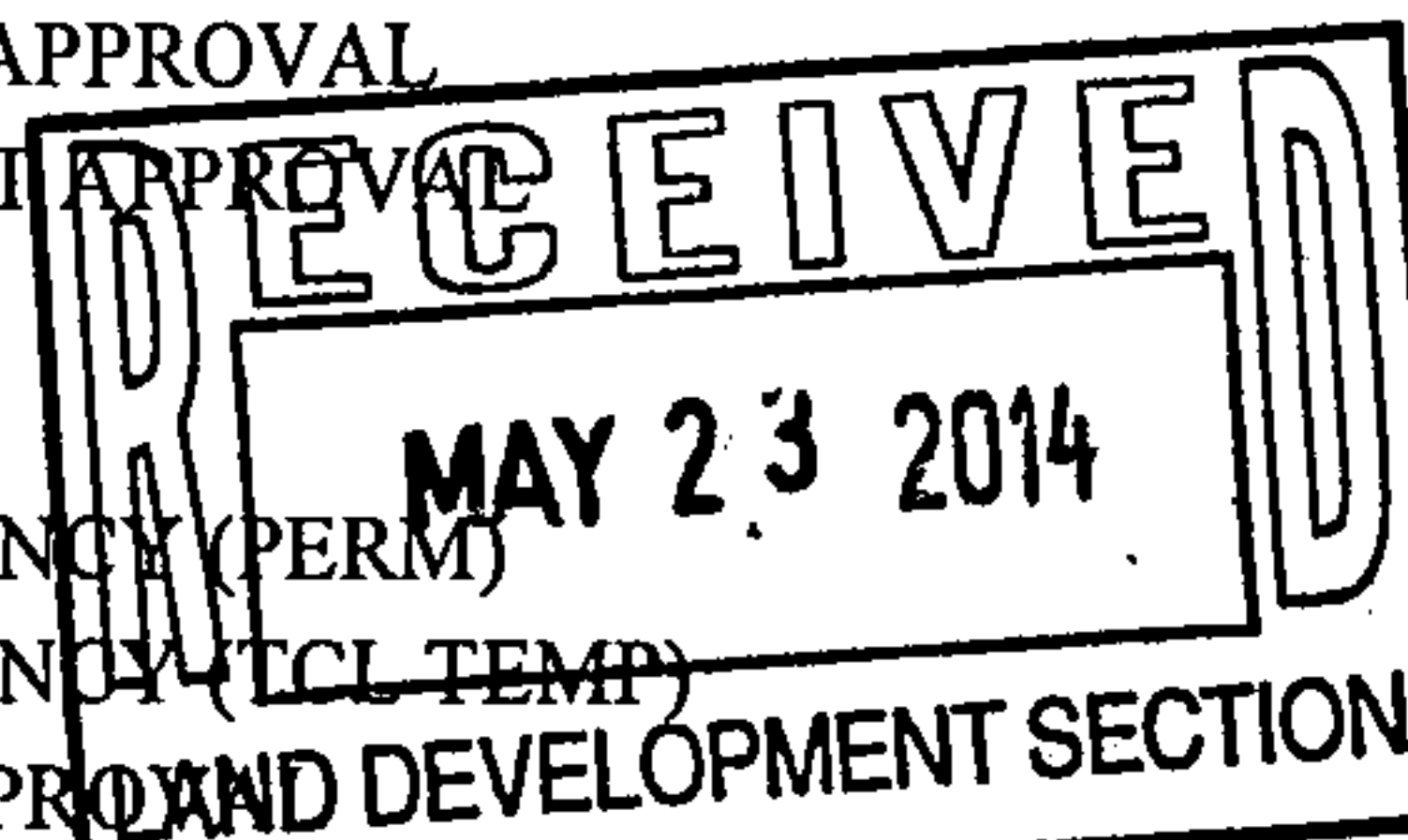
Contractor: NONE AT THIS TIME Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

### TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
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- ☒ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
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- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
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- ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ☐ FOUNDATION PERMIT APPROVAL
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- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY) \_\_\_\_\_



WAS A PRE-DESIGN CONFERENCE ATTENDED: \_\_\_\_\_ Yes ☒ No \_\_\_\_\_ Copy Provided \_\_\_\_\_

DATE SUBMITTED: MAY 23, 2014

By: DIANE HOELZER, PE *DH*

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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**Diane Hoelzer**

---

**From:** Smelker, Michael J, NMDOT <MichaelJ.Smelker@state.nm.us>  
**Sent:** Thursday, May 22, 2014 2:29 PM  
**To:** Diane Hoelzer  
**Subject:** Re: PACIFIC MUTUAL STORM CONNECTION

Diane,

NMDOT reviewed and approves the plan layout for the drainage. PDN design project accounts for the flow as shown in your plans. If you need anything else please let me know.

Michael Smelker

Diane Hoelzer <Diane@goodwinengineers.com> wrote:

Michael,

*I never heard back from you on an approval from the NMDOT.  
I really need this now !  
Your attention and help with this is greatly appreciated,*

**Diane Hoelzer, PE  
MARK GOODWIN & ASSOCIATES, PA  
(505) 828-2200**

---

**From:** Diane Hoelzer  
**Sent:** Tuesday, April 29, 2014 11:25 AM  
**To:** 'Smelker, Michael J, NMDOT'  
**Subject:** RE: PACIFIC MUTUAL STORM CONNECTION

Michael,

Here is my revised plan with sidewalk culverts instead of the previous inlet/storm drain connection. I need an approval from NMDOT to pass on to the city before they will approve my plan. Can you or someone at NMDOT send me an email approval.

Thanks,

Diane Hoelzer, PE  
MARK GOODWIN & ASSOCIATES, PA  
828-2200

---

**From:** Smelker, Michael J, NMDOT [mailto:MichaelJ.Smelker@state.nm.us]  
**Sent:** Monday, April 21, 2014 1:32 PM  
**To:** Diane Hoelzer  
**Subject:** RE: PACIFIC MUTUAL STORM CONNECTION

Diane,

The design of the frontage road removed the storm drain pipe at that corner. The design did account for 7 cfs of flow directly into the street from the Pacific Doors property. The Frontage roadway has storm drain inlets west of the

Washington intersection. The design included a sidewalk culvert with steele plate top per COA STD 2236. Please let me know if you will be able to drain to the street instead of the inlets.

Thanks,

Michael Smelker  
NMDOT Design Manager  
Cell: 575-202-3339

---

**From:** Diane Hoelzer [<mailto:Diane@goodwinengineers.com>]

**Sent:** Wednesday, April 16, 2014 11:51 AM

**To:** Smelker, Michael J, NMDOT

**Subject:** PACIFIC MUTUAL STORM CONNECTION

HERE IS THE PLAN THAT SHOWS WERE ON OUR SITE WE NEED TO CONNECT WITH TWO DOUBLE D INLETS.

AT THE STAGE WE WEREJUST GOING TO ASSUME A 4.0 FT DEEP INLET TIE.

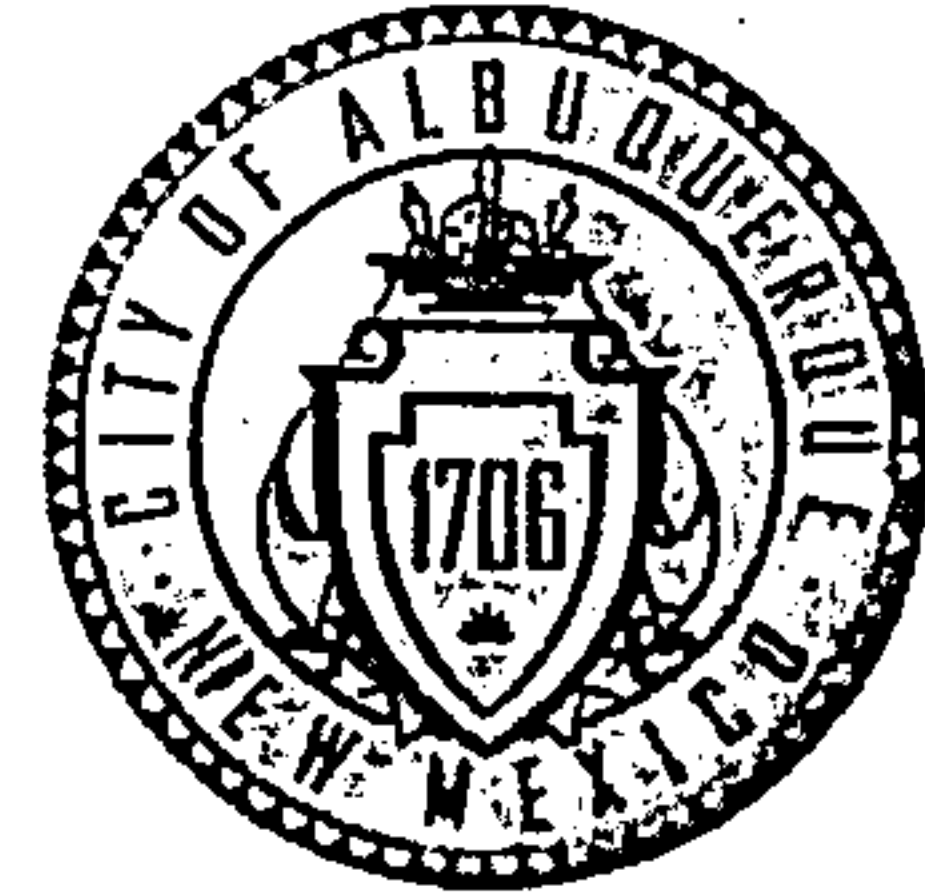
CALL ME WHEN YOU HAVE TIME AND WE CAN GO OVER THE DESIGN FOR CONNECTION TO YOUR STORM IN PASEO.

THANKS,  
DIANE HOELZER, PE  
MARK GOODWIN AND ASSOCIATES, PA  
828-2200



# CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



April 23, 2014

Diane Hoelzer, P.E.  
Mark Goodwin & Associates, P.A.  
P.O. Box 90606  
Albuquerque, NM 87199

Richard J. Berry, Mayor

**RE: Pacific Mutual Door and Window - Tract 1, Lands of L.A.  
Paving, Grading & Drainage Plan  
Engineer's Stamp Date 4-11-2014 (File: C17D005)**

Dear Ms. Hoelzer:

Based upon the information provided in your submittal received 4-11-14, the above referenced plan cannot be approved for Grading and Paving Permit until the following comments are addressed:

1. Since the property abuts NMDOT easements and is draining into NMDOT infrastructure, NMDOT approval is a prerequisite for Grading and Paving Permit approval.

Since the disturbed area on this site exceeds 1.0 acre, an Erosion and Sediment Control (ESC) Plan, prepared by a NM PE and approved by the City's Stormwater Engineer, will be required for this site, prior to Hydrology approval of a Building Permit or Work Order.

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

Sincerely,

Rita Harmon, P.E.  
Senior Engineer, Planning Dept.  
Development Review Services

Orig: Drainage file  
c.pdf Addressee via Email

# CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



April 23, 2014

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**Mark Goodwin & Associates, P.A.**  
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Senior Engineer, Planning Dept.  
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Orig: Drainage file  
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# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: PACIFIC MUTUAL DOOR AND WINDOW Building Permit #: \_\_\_\_\_ City Drainage #: C17DC05  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_  
Legal Description: TRACT 1, LANDS OF LOS ANGELES  
City Address: \_\_\_\_\_

Engineering Firm: MARK GOODWIN & ASSOCIATES, PA Contact: DIANE HOELZER  
Address: PO BOX 90606, ABQ, NM 87199  
Phone#: 828-2200 Fax#: \_\_\_\_\_ E-mail: DIANE@GOODWINENGINEERS.COM

Owner: PACIFIC MUTUAL DOOR & WINDOW Contact: SANDY LAMBERT  
Address: 1525 WEST 31ST STREET, KANSAS CITY, MO 64108  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Architect: N/A Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Surveyor: CSC Contact: TONY YANCHULIS  
Address: PO BOX 1328, CORRALES, NM 87048  
Phone#: 897-000 Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

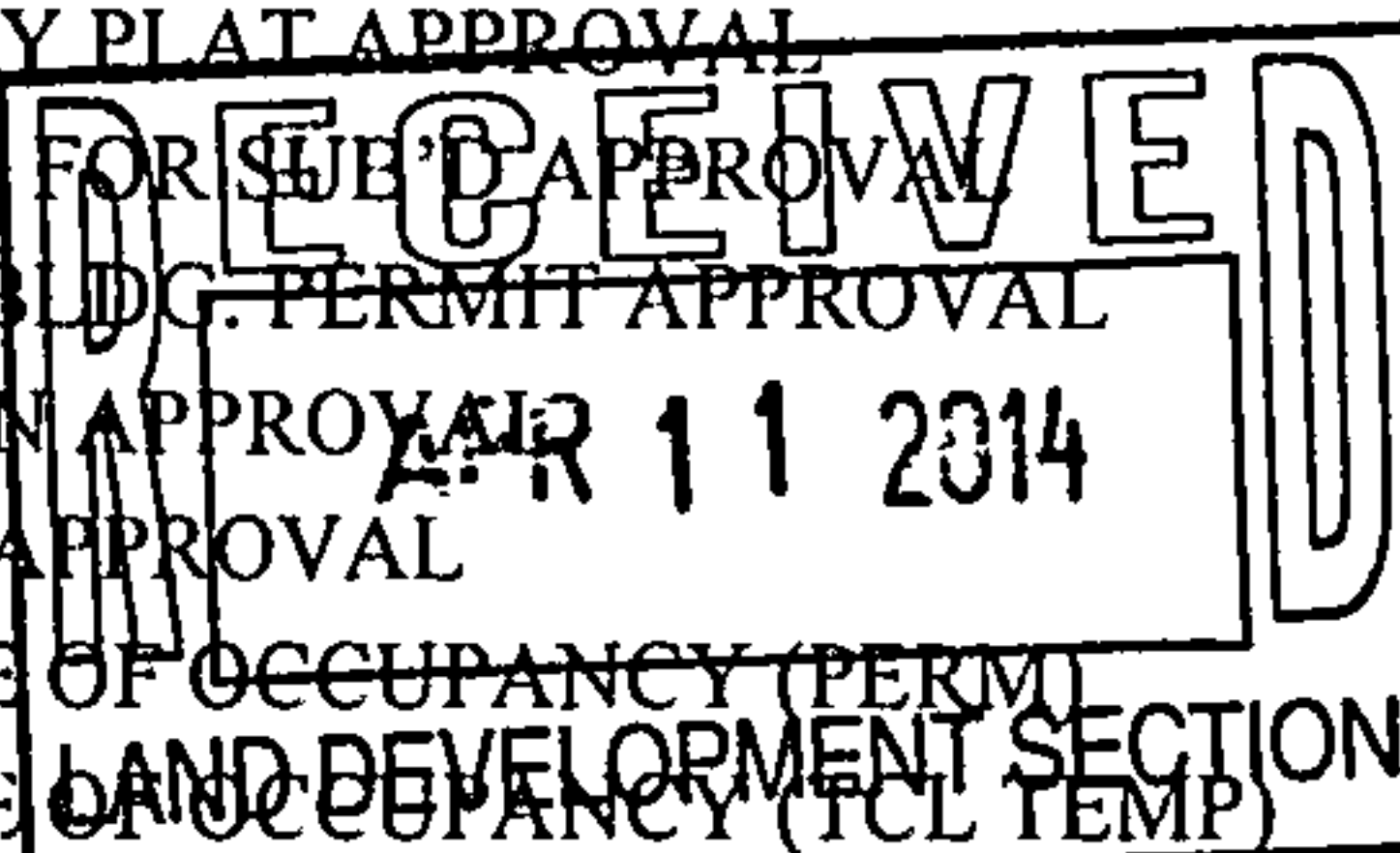
Contractor: NONE AT THIS TIME Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

### 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: APRIL 11, 2014 By: DIANE HOELZER, 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 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
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres
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





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

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

PROJECT Pacific Mutual  
SUBJECT Hydrology  
BY DHG DATE 4-7-14  
CHECKED \_\_\_\_\_ DATE \_\_\_\_\_  
SHEET \_\_\_\_\_ OF \_\_\_\_\_

TOTAL PROJECT SITE = 2.85 ACRES

SUB BASIN 100

$$\text{Total} = 66867 \text{ SF} = .002399 \text{ sq mi}$$

$$\text{Tr. B} = 23849 \text{ SF} \quad 35.7\%$$

$$\text{Tr. D} = 43018 \text{ SF} \quad 64.3\%$$

$$Q = 6.04 \text{ cfs}$$

$$V = .215 \text{ AF}$$

SUB BASIN 101

$$\text{Total} = 57343 = .002057 \text{ sq mi}$$

$$\text{Tr. B} = 2\%$$

$$\text{Tr. D} = 98\%$$

$$Q = 6.27 \text{ cfs}$$

$$V = .235 \text{ AF}$$

SUB BASIN 102 (OFFSITE)

$$\text{Total} = 9272 \text{ SF} = .0003326 \text{ sq. m.}$$

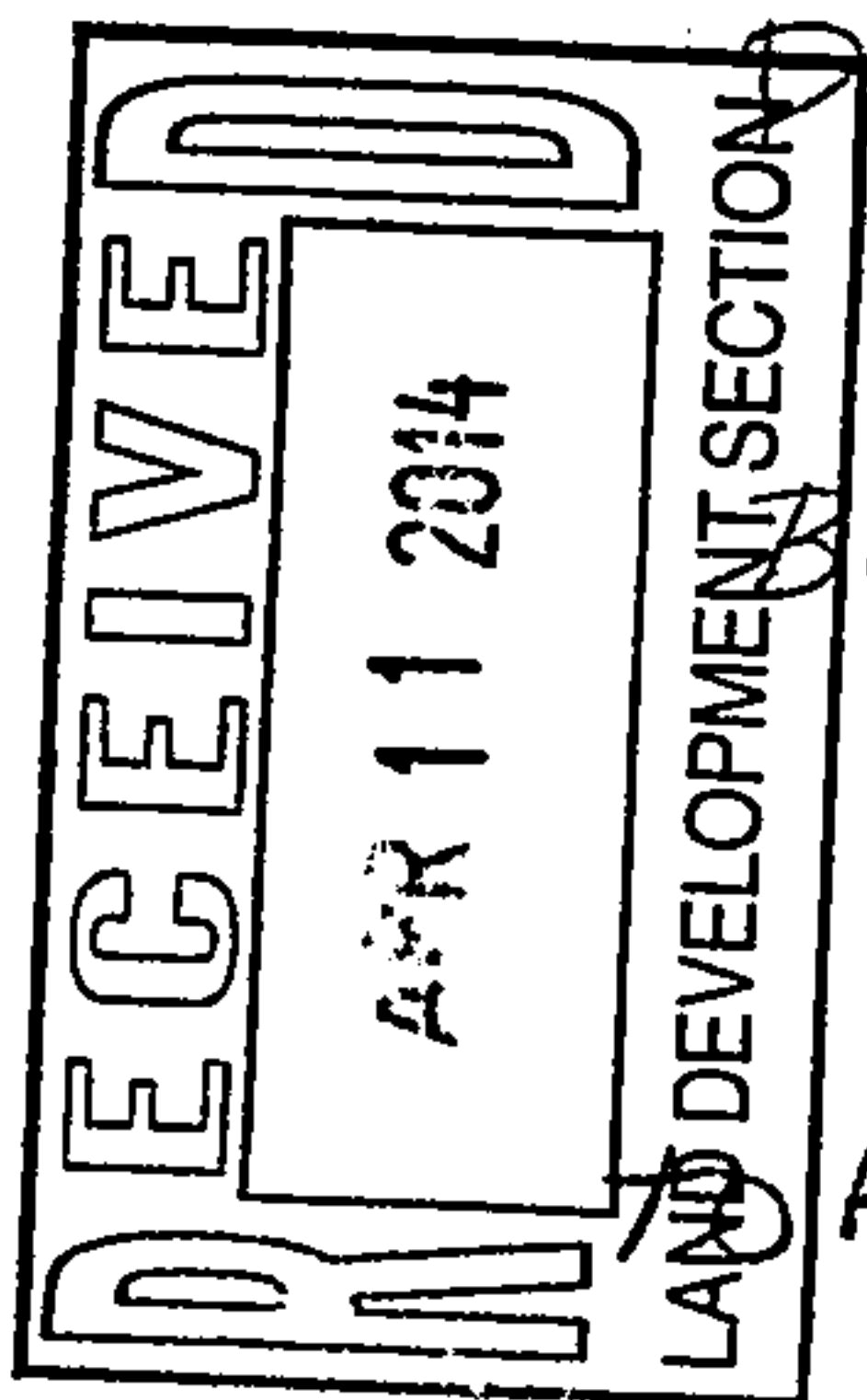
$$\text{Tr. C} = 100\%$$

$$Q = 0.7 \text{ cfs}$$

$$V = .021 \text{ AF}$$

$$\text{POND VOL. REQ'D} = 0.215 + .021 = .236 \text{ AF} = 10,280 \text{ CF}$$

$$\text{WSEL} = 15.15'$$



NOTION:

$$7222 \text{ SF} \quad (14)$$

$$9973 \text{ SF} \quad (15) \quad 8560$$

$$P = 12848 \text{ SF} \quad (16) \quad 11,380.$$

$$\underline{19,940 \text{ CF}}$$

$$\text{WSEL}(100 \text{ yr}) (\times 2) =$$

$$\text{WSEL}(100 \text{ yr}) =$$

$$P_{10 \text{ DAY}} = 10 - \left( \frac{24.9}{2.7^{1.4}} \right) = 3.80''$$

$$V_{10 \text{ DAY}} = .236 \text{ AF} + .987 \text{ AC} \left( \frac{3.80 - 2.40}{12} \right) = .351 \text{ AC FT}$$

$$15,289 \text{ CF}$$

$$\text{WSEL} = 15.59'$$

AHYMO PROGRAM (AHYMO\_97) -

- Version: 1997.02d

RUN DATE (MON/DAY/YR) = 04/07/2014

START TIME (HR:MIN:SEC) = 11:28:30

USER NO.= AHYMO-I-9702dGoodwinM-AH

INPUT FILE = PACIFIC.DAT

\*S\*\*\*\*\*

\*S

\*S

PACIFIC MUTUAL DOOR AND WINDOW

\*S

100 YEAR 24 HOUR STORM EVENT

\*S

\*S

FILE: PACIFIC.DAT

\*S

LAST REVISED: 4-7-14

\*S

NOAA ATLAS 2, VOL IV ZONE J 13

START

TIME=0.0 HR PUNCH CODE=0 PRINT LINES=-6

LOCATION

NEW MEXICO

State of New Mexico soil infiltration values (LAND FACTORS) used for computations.

Land Treatment	Initial Abstr.(in)	Unif. Infilt.(in/hour)
----------------	--------------------	------------------------

A	0.65	1.67
B	0.50	1.25
C	0.35	0.83
D	0.10	0.04

RAINFALL

TYPE=1 RAIN QUARTER=0.0

RAIN ONE=2.05 IN RAIN SIX=2.4 IN

RAIN DAY=2.7 IN DT=0.0333 HRS

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

DT = .033300 HOURS      END TIME = 5.994000 HOURS

.0000	.0017	.0034	.0051	.0069	.0087	.0106
.0125	.0144	.0164	.0185	.0206	.0228	.0250
.0273	.0296	.0321	.0346	.0372	.0398	.0426
.0455	.0485	.0516	.0548	.0582	.0617	.0655
.0694	.0735	.0779	.0835	.0895	.0960	.1093
.1399	.1872	.2551	.3480	.4701	.6260	.8201
1.0572	1.2848	1.3783	1.4568	1.5266	1.5901	1.6485
1.7027	1.7534	1.8009	1.8455	1.8877	1.9275	1.9652
2.0009	2.0347	2.0669	2.0973	2.1263	2.1342	2.1404
2.1463	2.1519	2.1573	2.1625	2.1674	2.1721	2.1767
2.1811	2.1854	2.1895	2.1935	2.1974	2.2012	2.2049
2.2085	2.2120	2.2154	2.2187	2.2220	2.2252	2.2283
2.2314	2.2343	2.2373	2.2401	2.2430	2.2457	2.2485
2.2511	2.2538	2.2563	2.2589	2.2614	2.2638	2.2663
2.2687	2.2710	2.2733	2.2756	2.2779	2.2801	2.2823
2.2845	2.2866	2.2887	2.2908	2.2929	2.2949	2.2969
2.2989	2.3009	2.3028	2.3047	2.3066	2.3085	2.3104
2.3122	2.3140	2.3158	2.3176	2.3194	2.3211	2.3229
2.3246	2.3263	2.3280	2.3296	2.3313	2.3329	2.3346
2.3362	2.3378	2.3393	2.3409	2.3425	2.3440	2.3456
2.3471	2.3486	2.3501	2.3516	2.3530	2.3545	2.3559
2.3574	2.3588	2.3602	2.3616	2.3630	2.3644	2.3658
2.3672	2.3685	2.3699	2.3712	2.3725	2.3739	2.3752
2.3765	2.3778	2.3791	2.3803	2.3816	2.3829	2.3841
2.3854	2.3866	2.3879	2.3891	2.3903	2.3915	2.3927
2.3939	2.3951	2.3963	2.3975	2.3986	2.3998	

\*S\*\*\*\*\*

\*\*\* \*\*\*\*\*

\*S TOTAL PROJECT

\*\*\* \*\*\*\*\*

\*\*\* SUB BASIN 100  
\*\*\* EAST AREA  
\*\*\* \*\*\*\*\*

COMPUTE NM HYD ID=1 HYD NO=100 AREA= 0.002399 SQ MI  
PER A=0 PER B=35.7 PER C=0 PER D=64.3  
TP=-.1333 HR MASS RAIN=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420  
UNIT PEAK = 6.0901 CFS UNIT VOLUME = .9975 B = 526.28 P60 = 2.0500  
AREA = .001543 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR  
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033300

K = .132570HR TP = .133300HR K/TP RATIO = .994525 SHAPE CONSTANT, N = 3.549967  
UNIT PEAK = 2.0814 CFS UNIT VOLUME = .9940 B = 323.96 P60 = 2.0500  
AREA = .000856 SQ MI IA = .50000 INCHES INF = 1.25000 INCHES PER HOUR  
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033300

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 100.00

RUNOFF VOLUME = 1.68231 INCHES = .2152 ACRE-FEET  
PEAK DISCHARGE RATE = 6.04 CFS AT 1.499 HOURS BASIN AREA = .0024 SQ. MI.

\*\*\* \*\*\*\*\*  
\*\*\* SUB BASIN 101  
\*\*\* WEST AREA  
\*\*\* \*\*\*\*\*

COMPUTE NM HYD ID=1 HYD NO=101 AREA= 0.002057 SQ MI  
PER A=0 PER B=2 PER C=0 PER D=98  
TP=-.1333 HR MASS RAIN=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420  
UNIT PEAK = 7.9587 CFS UNIT VOLUME = .9980 B = 526.28 P60 = 2.0500  
AREA = .002016 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR  
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033300

K = .132570HR TP = .133300HR K/TP RATIO = .994525 SHAPE CONSTANT, N = 3.549967  
UNIT PEAK = .99982E-01CFS UNIT VOLUME = .8702 B = 323.96 P60 = 2.0500  
AREA = .000041 SQ MI IA = .50000 INCHES INF = 1.25000 INCHES PER HOUR  
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033300

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.00

RUNOFF VOLUME = 2.13796 INCHES = .2345 ACRE-FEET  
PEAK DISCHARGE RATE = 6.27 CFS AT 1.499 HOURS BASIN AREA = .0021 SQ. MI.

\*\*\* \*\*\*\*\*  
\*\*\* SUB BASIN 102



\*\*\* OFFSITE NORTH

\*\*\* \*\*\*\*\*

COMPUTE NM HYD ID=1 HYD NO=102 AREA= 0.0003326 SQ MI  
PER A=0 PER B=0 PER C=100 PER D=0  
TP=-.1333 HR MASS RAIN=-1

K = .107897HR TP = .133300HR K/TP RATIO = .809431 SHAPE CONSTANT, N = 4.419714  
UNIT PEAK = .95375 CFS UNIT VOLUME = .9862 B = 382.25 P60 = 2.0500  
AREA = .000333 SQ MI IA = .35000 INCHES INF = .83000 INCHES PER HOUR  
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033300

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 102.00

RUNOFF VOLUME = 1.16869 INCHES = .0207 ACRE-FEET  
PEAK DISCHARGE RATE = .70 CFS AT 1.499 HOURS BASIN AREA = .0003 SQ. MI.

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 11:28:30