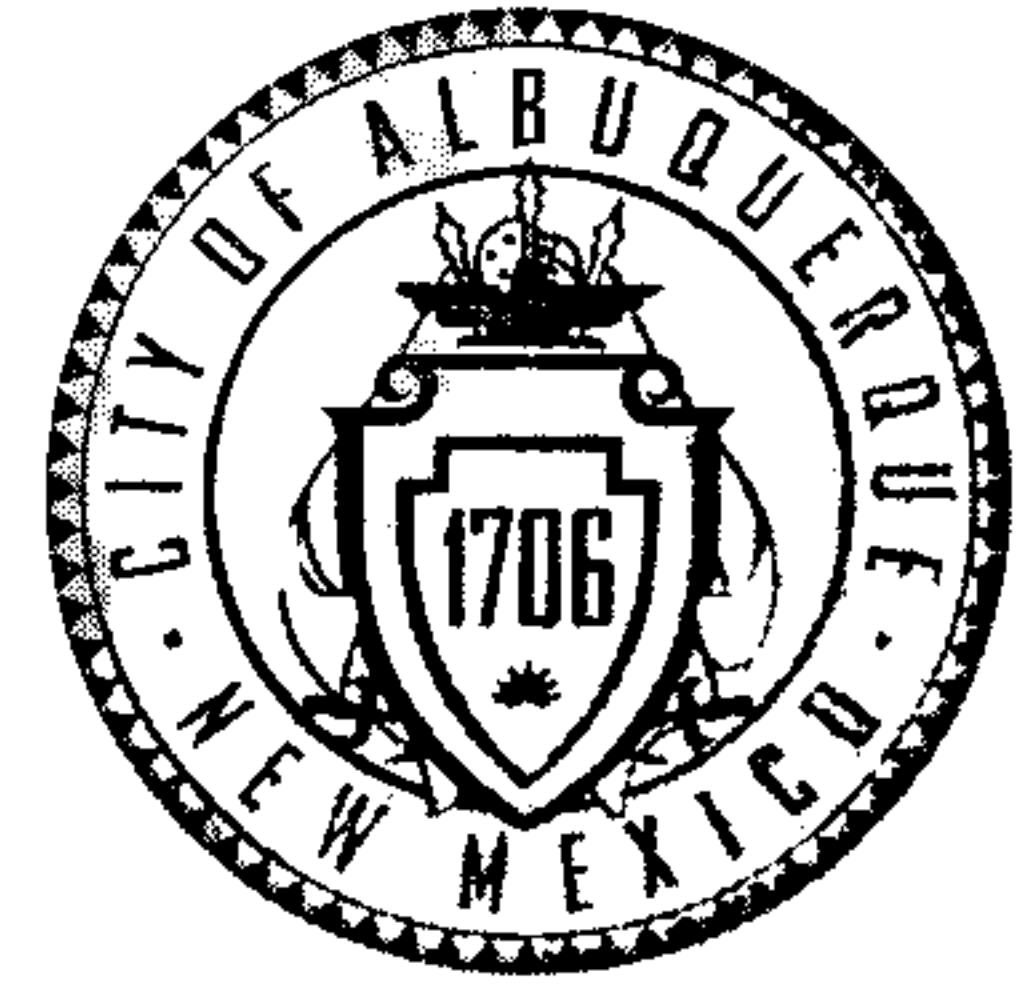


# CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

March 24, 2017

Jake Bordenave, P.E., P.S.  
Bordenave Designs  
PO Box 91194  
Albuquerque, NM, 87199

**RE: Rain Tunnel Car Spa  
5401 Sevilla Ave  
Grading and Drainage Plan  
Engineer's Stamp Date 2/27/17 (File: F11D016)**

Dear Mr. Bordenave:

PO Box 1293

Based upon the information provided in your submittal received 3/9/17, the Grading and Drainage Plan cannot be approved for Building Permit until the following are addressed:

Albuquerque

1. Provide confirmation from the NMDOT's Drainage Section that the stub can still be used for this project under the proposed condition.

New Mexico 87103

2. A pdf of the Grading and Drainage Plan, emailed to [PLNDRS@cabq.gov](mailto:PLNDRS@cabq.gov), is required with this submittal.

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

3. Provide volume calculations for the volume of the storage chambers. Note that the City permits only 30% void space in gravel bed storage calculations, whereas StormTech generally assumes 40%.

4. First flush volume should be based on  $\text{AreaImpervious} \times (0.44 - 0.10) / 12$ , not  $\text{AreaImpervious} \times (0.42 - 0.10) / 12$ .

5. Provide a waterblock, at least 0.87' high, at the entrance off Costa Almeria.

6. Confirm placement of keyed notes; several look out of place such as #11 at the entrance off Sevilla and #15 in the northern parking island.

7. This work requires an Erosion and Sediment Control Plan to be submitted to the storm water quality engineer (Curtis Cherne, PE, [ccherne@cabq.gov](mailto:ccherne@cabq.gov)).

# CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

If you have any questions, please contact me at 924-3695 or [dpeterson@cabq.gov](mailto:dpeterson@cabq.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Peterson', is written over a horizontal line.

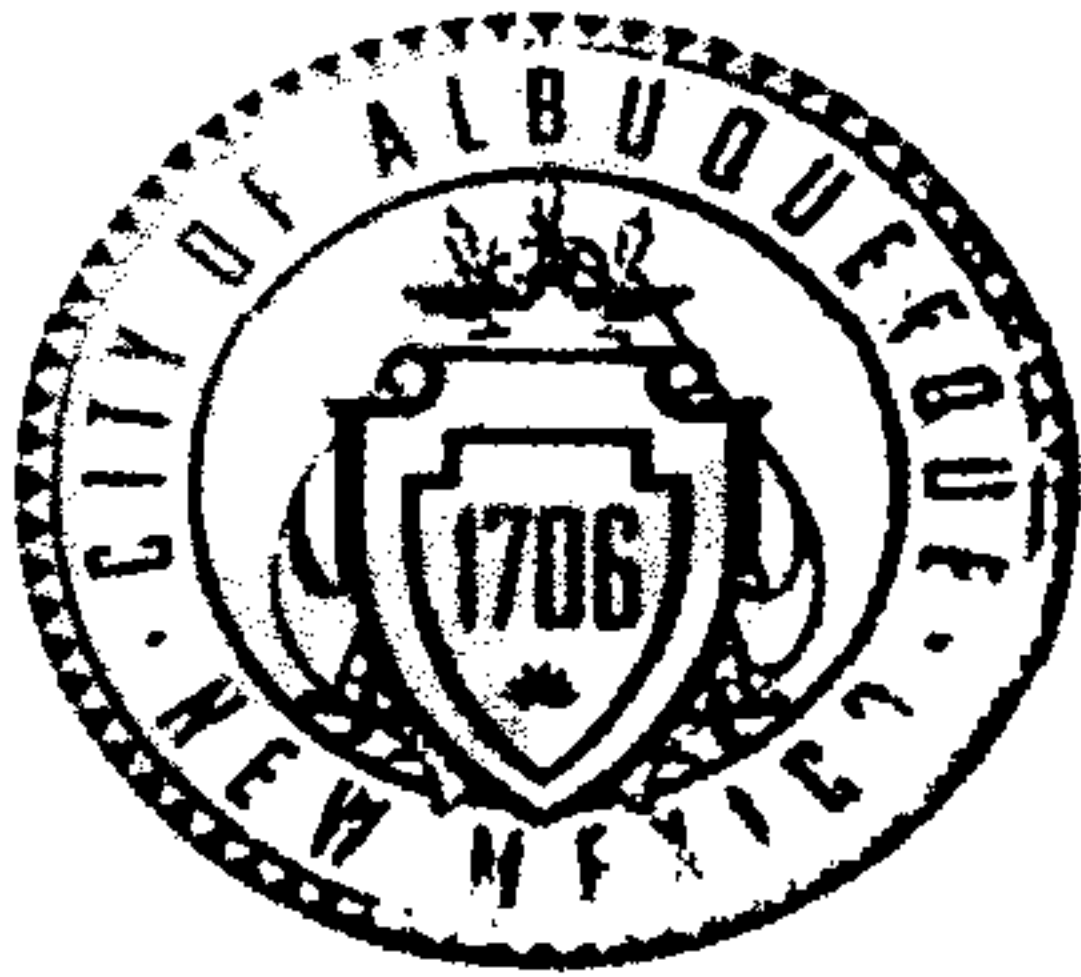
Dana Peterson, P.E.  
Senior Engineer, Planning Dept.  
Development Review Services

PO Box 1293

Albuquerque

New Mexico 87103

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



# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 10/2015)

Project Title: Rain Tunnel Building Permit #: \_\_\_\_\_ Hydrology File #: F110016  
DRB#: 1004675 EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_  
Legal Description: Tract J, Vista de la Luz  
City Address: 5401 Savola Ave. NW

Applicant: BORDENAVE DESIGNS Contact: JAKE  
Address: P O Box 91194 Alb. NM 87194  
Phone#: 505-823-1344 Fax#: 505-821-9105 E-mail: jake.bordanave@comcast.net  
Other Contact: \_\_\_\_\_ Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Check all that Apply:

Free/1.87/1.37

### DEPARTMENT:

- ☒ HYDROLOGY/ DRAINAGE  
☐ TRAFFIC/ TRANSPORTATION  
☐ MS4/ EROSION & SEDIMENT CONTROL

### TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☒ BUILDING PERMIT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY

### TYPE OF SUBMITTAL:

- ☐ ENGINEER/ARCHITECT CERTIFICATION  
☐ CONCEPTUAL G & D PLAN  
☒ GRADING PLAN  
☐ DRAINAGE MASTER PLAN  
☐ DRAINAGE REPORT  
☐ CLOMR/LOMR  
☐ TRAFFIC CIRCULATION LAYOUT (TCL)  
☐ TRAFFIC IMPACT STUDY (TIS)  
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)  
☐ OTHER (SPECIFY) \_\_\_\_\_

- ☐ PRELIMINARY PLAT APPROVAL  
☐ SITE PLAN FOR SUB'D APPROVAL  
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL  
☐ FINAL PLAT APPROVAL

- ☐ SIA/RELEASE OF FINANCIAL GUARANTEE  
☐ FOUNDATION PERMIT APPROVAL  
☐ GRADING PERMIT APPROVAL  
☐ SO-19 APPROVAL  
☐ PAVING PERMIT APPROVAL  
☐ GRADING/ PAD CERTIFICATION  
☐ WORK ORDER APPROVAL  
☐ CLOMR/LOMR

No PRE-DESIGN MEETING?

IS THIS A RESUBMITTAL?: ☐ Yes ☒ No

☐ OTHER (SPECIFY) \_\_\_\_\_

DATE SUBMITTED: 03/09/17 By: Bordanave Designs

COA STAFF: \_\_\_\_\_ ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_

**Carrillo, Abiel X.**

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**From:** Carrillo, Abiel X.  
**Sent:** Friday, July 29, 2016 10:43 AM  
**To:** 'jakebordenave@comcast.net'  
**Subject:** Rain Tunnel Car Spa - F11D016 - Stamp Date 7-5-2016

Mr. Bordenave,

Based on information provided in your submittal received 7-13-2016, the above-referenced conceptual grading and drainage plan is approved for Site Plan for Building Permit with the following condition:

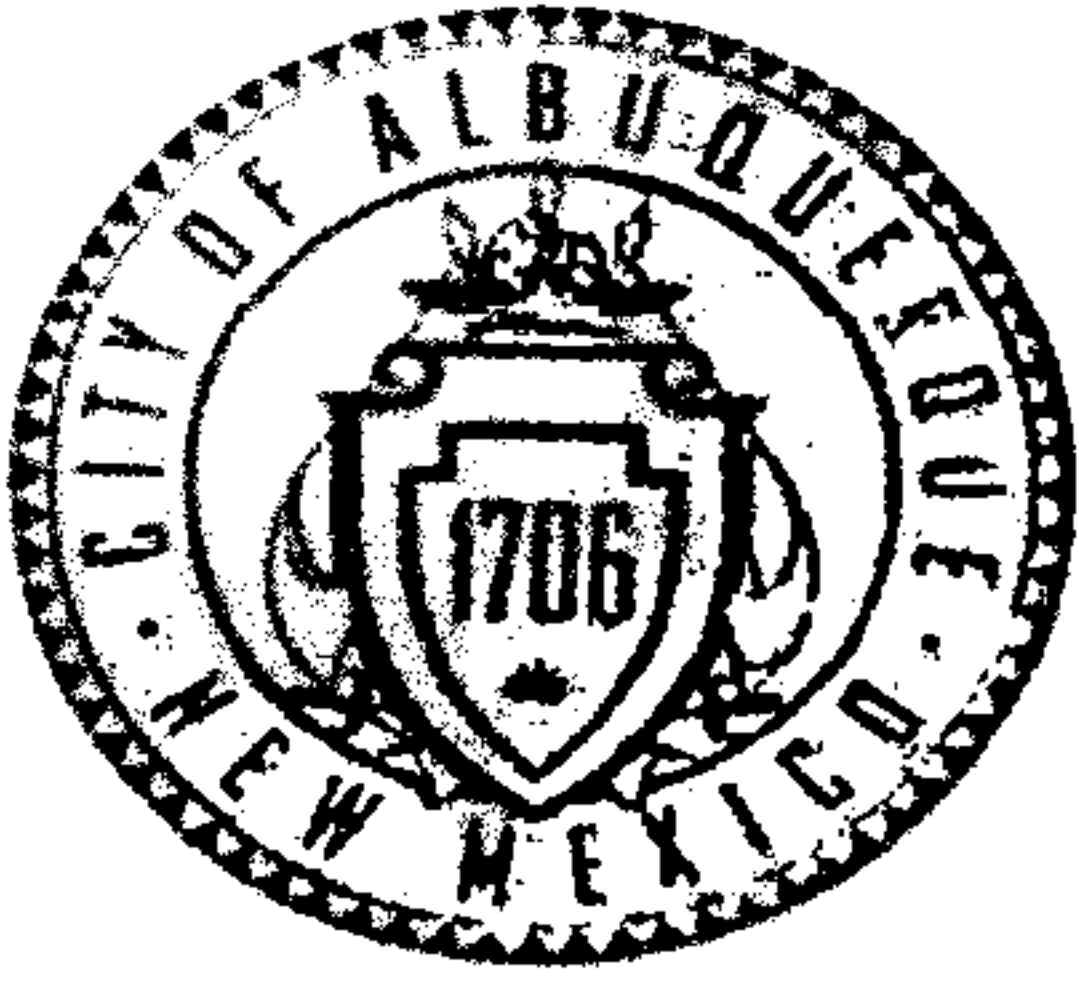
- Prior to approval for Building Permit, we will need confirmation from the NMDOT's Drainage Section that the stub can still be used for this project under the proposed condition.

I will place this email in the DRB file for future hearing reference.

**Abiel Carrillo, PE, CFM**

Principal Engineer - Hydrology  
Planning Department  
Development Review Services Division  
City of Albuquerque  
505-924-3986  
[acarrillo@cabq.gov](mailto:acarrillo@cabq.gov)  
600 2<sup>nd</sup> Street NW  
Albuquerque, NM 87102





# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: Rain Tunnel Car Spa Building Permit #: \_\_\_\_\_ City Drainage #: E110016  
DRB#: 1004675 EPC#: 16EPC40013 Work Order#: \_\_\_\_\_  
Legal Description: Tract 'J'. Plat for Vista de la Luz  
City Address: 5401 Sevilla Ave. NW

Engineering Firm: Bordenave Designs Contact: Jake Bordenave  
Address: PO Bx 91194, Albuquerque, NM 87199-1194  
Phone#: 505-823-1344 Fax#: 505-821-9105 E-mail: jakebordenave@comcast.net

Owner: Rain Tunnel Car Spa Contact: Buck Buckner  
Address: 2100 Central Ave. SW, Albuquerque, NM 87102  
Phone#: 505-250-8766 Fax#: \_\_\_\_\_ E-mail: Buckner@qwestoffice.net

Architect: Modulus Architects Contact: Jon Stern  
Address: 100 Sun Ave. NE, Suite 305, Albuquerque, NM 87109  
Phone#: 505-338-1499, ext. 1002 Fax#: 505-338-1498 E-mail: jsstem@modulusarchitects.com

Other Contact: \_\_\_\_\_ Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Check all that Apply:

### DEPARTMENT:

- ☒ HYDROLOGY/ DRAINAGE  
☐ TRAFFIC/ TRANSPORTATION  
☐ MS4/ EROSION & SEDIMENT CONTROL

### TYPE OF SUBMITTAL:

- ☐ ENGINEER/ ARCHITECT CERTIFICATION  
☒ CONCEPTUAL G & D PLAN  
☐ GRADING PLAN  
☐ DRAINAGE MASTER PLAN  
☐ DRAINAGE REPORT  
☐ CLOMR/LOMR  
☐ TRAFFIC CIRCULATION LAYOUT (TCL)  
☐ TRAFFIC IMPACT STUDY (TIS)  
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)  
☐ OTHER (SPECIFY) \_\_\_\_\_

IS THIS A RESUBMITTAL?: ☐ Yes ☒ No

DATE SUBMITTED: 07/13/16 By: Jean J. (Jake) Bordenave

### CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ BUILDING PERMIT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY  
☐ PRELIMINARY PLAT APPROVAL  
☐ SITE PLAN FOR SUB'D APPROVAL  
☒ SITE PLAN FOR BLDG. PERMIT APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE  
☐ FOUNDATION PERMIT APPROVAL  
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☐ PAVING PERMIT APPROVAL  
☐ GRADING/ PAD CERTIFICATION  
☐ WORK ORDER APPROVAL  
☐ CLOMR/LOMR

☐ PRE-DESIGN MEETING  
☐ OTHER (SPECIFY) \_\_\_\_\_

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_