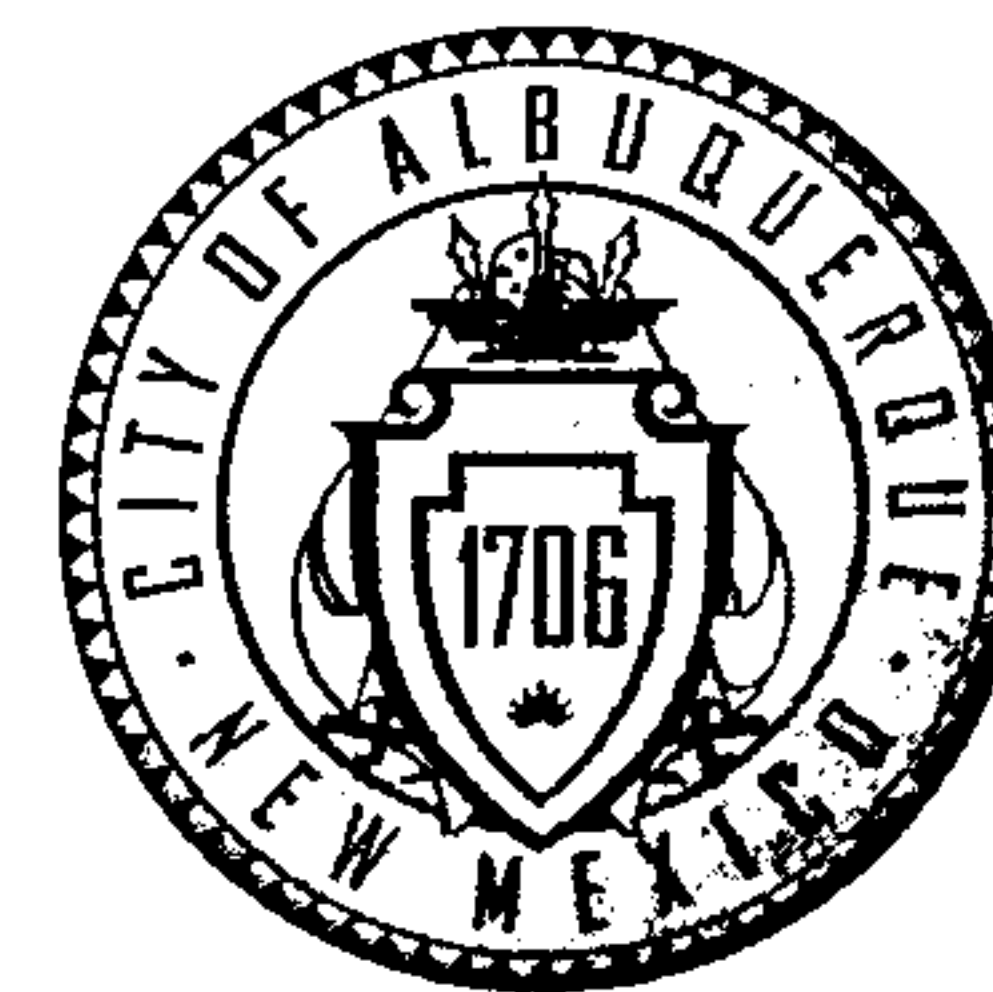


# CITY OF ALBUQUERQUE



December 12, 2016

Rio Grande Engineering  
David Soule  
P.O. Box 933924  
Albuquerque, NM 87199

**Re:** Sigma Chi Parking Lot  
**1835 Lomas Blvd NE**  
**Traffic Circulation Layout**  
Engineer's Stamp dated 12-06-16 (J15D098)

Dear Mr. Soule,

The TCL submittal received 12-12-16 is approved for Building Permit. A copy of the stamped and signed plan will be needed for each of the building permit plans. Please keep the original to be used for certification of the site for final C.O. for Transportation.

When the site construction is completed and a Certificate of Occupancy (C.O.) is requested, use the original City stamped approved TCL for certification. Redline any minor changes and adjustments that were made in the field. A NM registered architect or engineer must stamp, sign, and date the certification TCL along with indicating that the development was built in "substantial compliance" with the TCL. Submit this certification TCL with a completed Drainage and Transportation Information Sheet to front counter personnel for log in and evaluation by Transportation.

Once verification of certification is completed and approved, notification will be made to Building Safety to issue Final C.O. To confirm that a final C.O. has been issued, call Building Safety at 924-3690.

Sincerely,

Racquel M. Michel, P.E.  
Traffic Engineer, Planning Dept.  
Development Review Services

mao via: email  
C: File

DRAINAGE REPORT

For

**SIGMA CHI PARKING LOT  
1835 LOMAS**

LOTS 8, 9, AND A PORTION OF 7, BLOCK 5 SIGMA CHI ADDITION

**Bernalillo County, New Mexico**

Prepared by

Rio Grande Engineering

PO Box 93924

Albuquerque, New Mexico 87199



AUGUST 2016



David Soule P.E. No. 14522

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Purpose .....3

Introduction.....3

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Existing Conditions.....5

Proposed Conditions .....5

Summary .....6

**Appendix**

Site Hydrology ..... A

**Map Pocket**

Site Grading and Drainage Plan

## **PURPOSE**

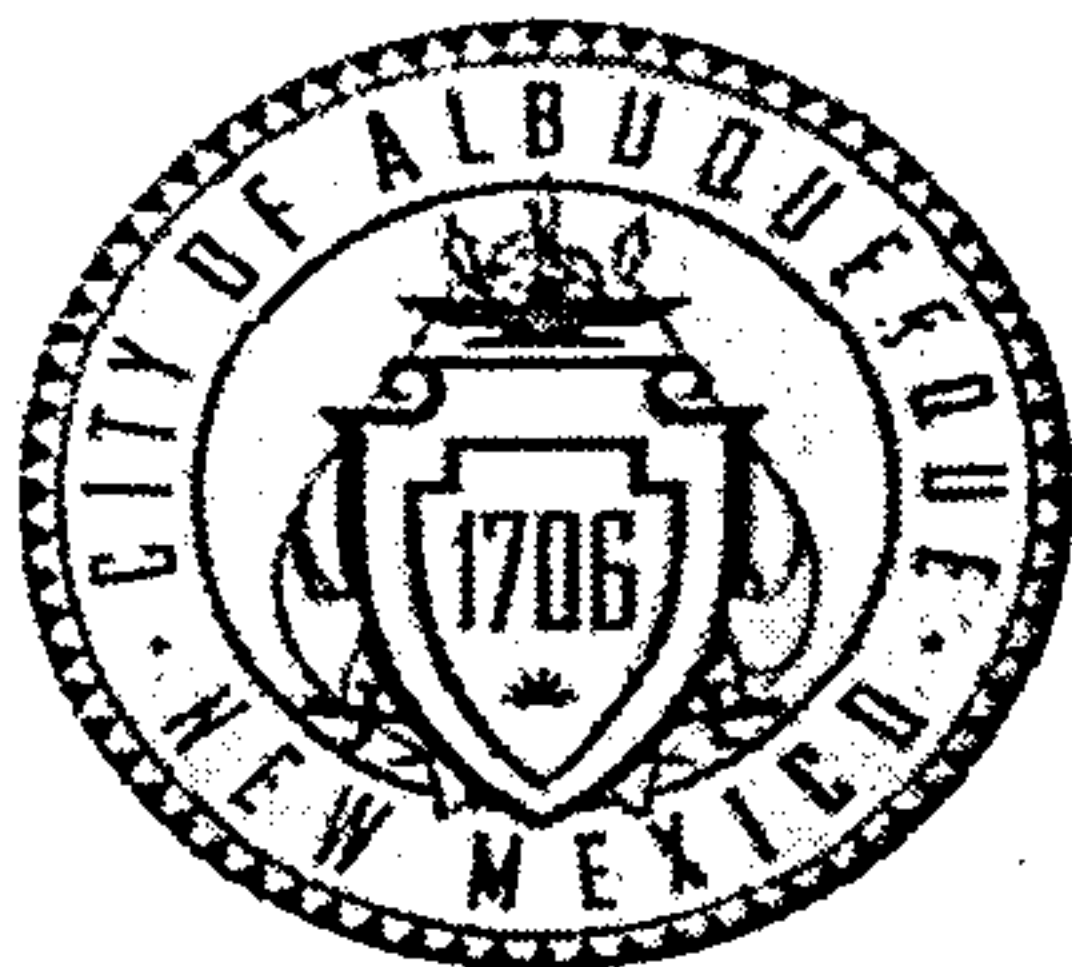
The purpose of this report is to provide the Drainage Management Plan for a proposed redevelopment of an existing warehouse and contractors yard into a parking lot. The site is located west of university on the north side of Lomas. The site development consists of removing the existing buildings and the construction of a paved parking area. This plan was prepared in accordance with the City of Albuquerque design regulations, utilizing the City of Albuquerque's Development Process Manual drainage guidelines. This report will demonstrate that with the proposed development will function appropriately. The report shall show that the improvements do not adversely affect the surrounding properties, nor the upstream or downstream facilities.

## **INTRODUCTION**

The subject of this report, as shown on the Exhibit A, is a 0.43-acre parcel of land located at 1835 Lomas. The legal description of this site is lots 8, 9 and a portion of 7, block 5 sigma chi addition. As shown on FIRM map 35013C2125D, the entire site is located entirely within zone x.

The site is currently completely developed. The site currently discharges 1.90 cfs to the adjacent property to the west. The proposed development will drain as much as is practical to Lomas, pond as much as is practical and discharge less than historical to the existing outfall.





# City of Albuquerque

Planning Department

Development & Building Services Division

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

Project Title: SIGMA CHI PARKING LOT Building Permit #: \_\_\_\_\_ City Drainage #: J15-D98  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_  
Legal Description: lots 8,9 AND NORTHER PORTION 7. BLOCK4 SIGMA CHI ADDITION  
City Address: 1835 LOMAS NE

Engineering Firm: RIO GRANDE ENGINEERING Contact: DAVID SOULE  
Address: PO BOX 93924, ALBUQUERQUE, NM 87199  
Phone#: 505.321.9099 Fax#: 505.872.0999 E-mail: DAVID@RIOGRANDEENGINEERING.COM

Owner: 3B BUILDERS, INC Contact: \_\_\_\_\_  
Address: 1770 HAMILTON LANE BOSQUE FARMS NM 87068  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

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

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)

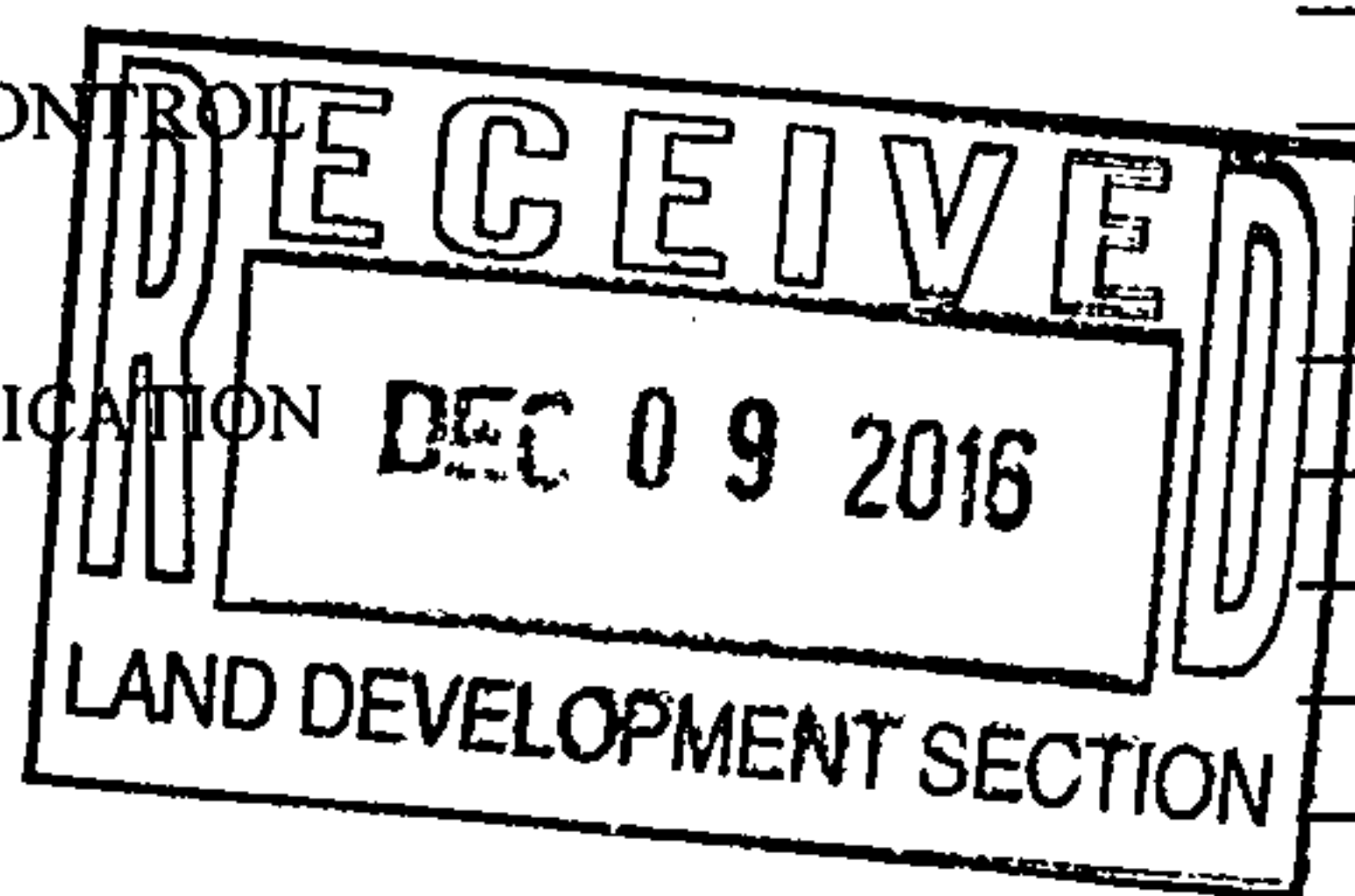
☐ OTHER (SPECIFY) \_\_\_\_\_

IS THIS A RESUBMITTAL?: ☒ Yes ☐ No

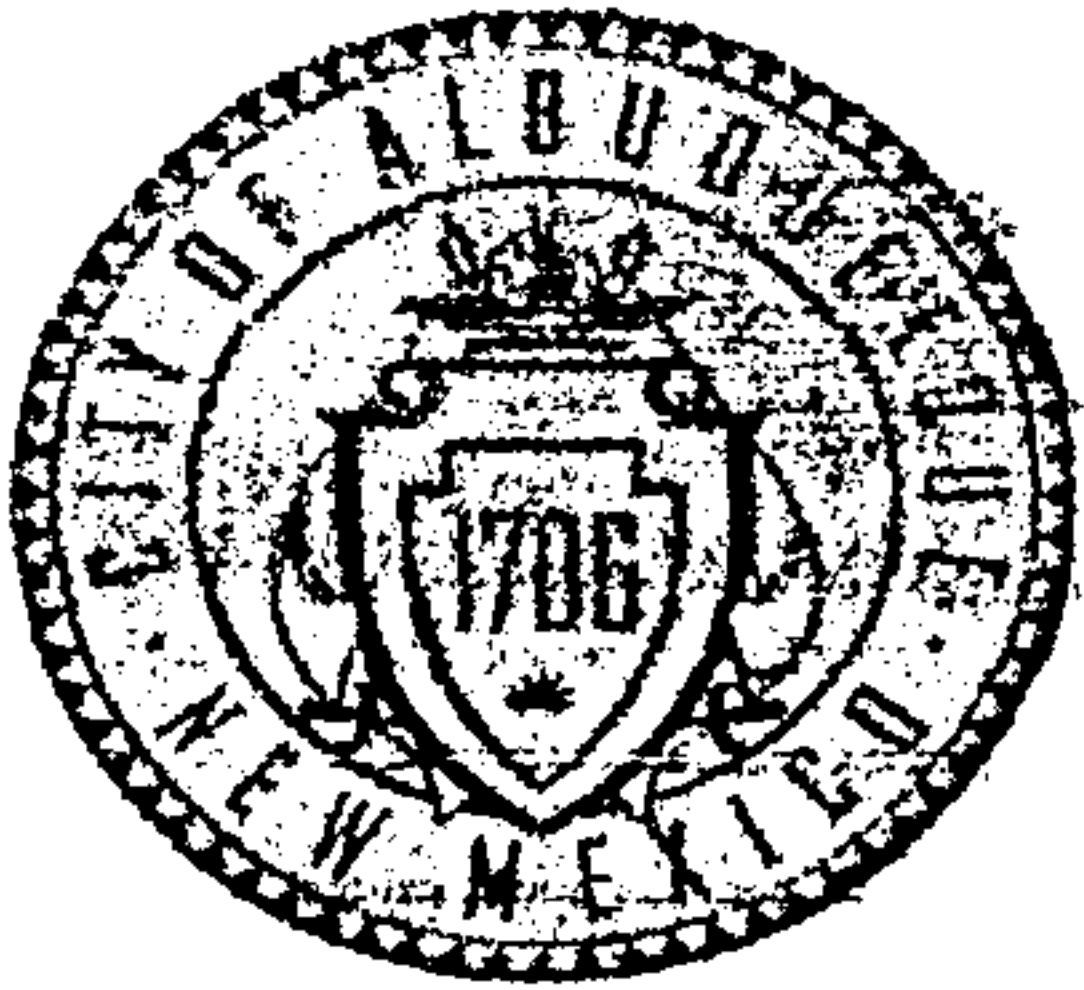
DATE SUBMITTED: 11/17/16 12/19/16 By: \_\_\_\_\_

### 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  
☐ GRADING PERMIT APPROVAL  
☐ SO-19 APPROVAL  
☒ PAVING PERMIT APPROVAL  
☐ GRADING/ PAD CERTIFICATION  
☐ WORK ORDER APPROVAL  
☐ CLOMR/LOMR  
☐ PRE-DESIGN MEETING  
☐ OTHER (SPECIFY) \_\_\_\_\_



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



# City of Albuquerque

Planning Department

Development & Building Services Division

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

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Phone#: 505.321.9099 Fax#: 505.872.0999 E-mail: DAVID@RIOGRANDEENGINEERING.COM

Owner: 3B BUILDERS, INC Contact: \_\_\_\_\_  
Address: 1770 HAMILTON LANE BOSQUE FARMS NM 87068  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

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

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

Check all that Apply:

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☒ TRAFFIC CIRCULATION LAYOUT (TCL)  
☐ TRAFFIC IMPACT STUDY (TIS)  
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)

☐ OTHER (SPECIFY) \_\_\_\_\_

IS THIS A RESUBMITTAL?: ☐ Yes ☒ No

DATE SUBMITTED: 11/17/16 By: \_\_\_\_\_

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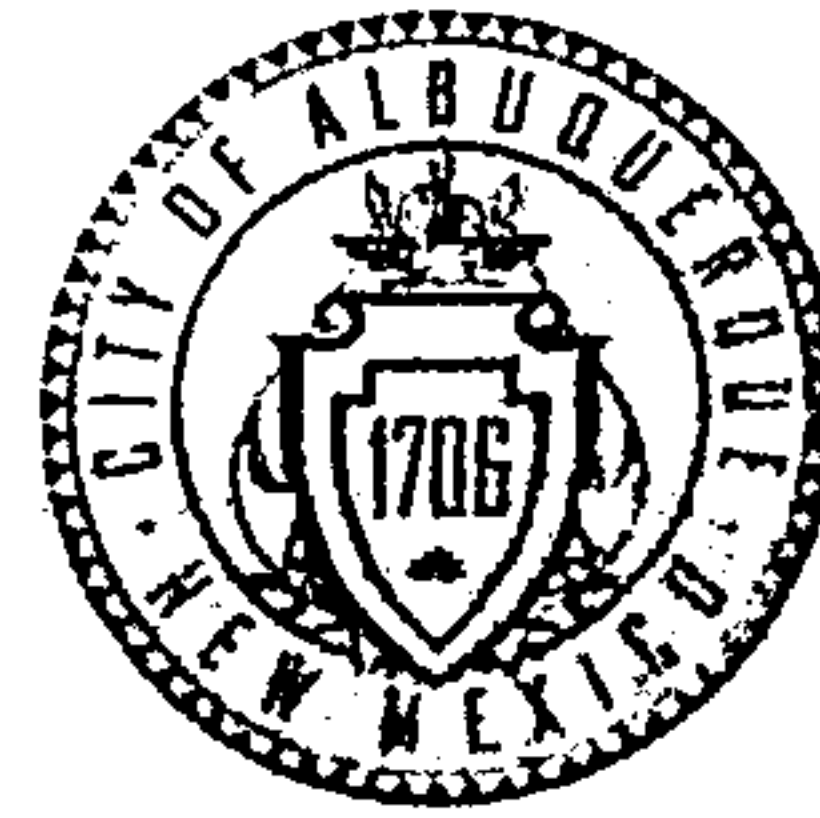
☐ PRE-DESIGN MEETING  
☐ OTHER (SPECIFY) \_\_\_\_\_

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

Verbal NO



# CITY OF ALBUQUERQUE



August 3, 2016

Rio Grande Engineering  
David Soule  
P.O. Box 933924  
Albuquerque, NM 87199

Re: Sigma Chi Parking Lot  
1835 Lomas Blvd NE  
Traffic Circulation Layout  
Engineer's Stamp 08-02-16 (J15D098)

Dear Mr. Soule,

Based upon the information provided in your submittal received 08-02-16, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

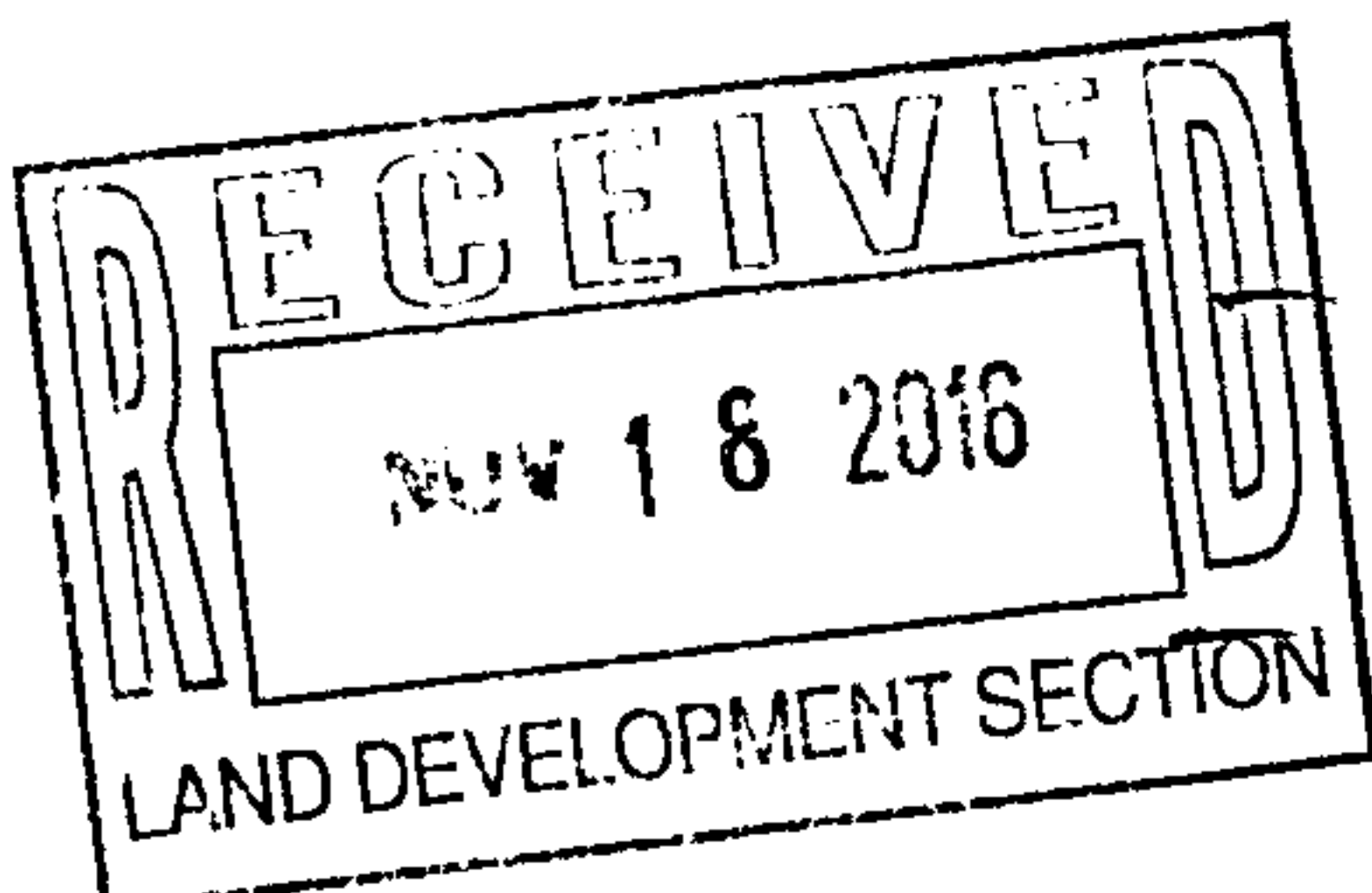
1. Please review and revise plan to provide all information listed on the attached Traffic Circulation Layout Check List. we believe we have revised to conform
2. Please refer to the attached Accessible Parking Checklist and revise the plan accordingly. we do not have any required parking spaces therefore no ada required
3. List the number of parking spaces required by the zoning code as well as the proposed number of parking spaces we have added proposed, there are none required
4. Please identify all existing buildings, doors, structures, sidewalks, curbs, drive pads wall and anything that influences the parking and circulation on the site. we have added labels
5. Identify the right of way width, medians, curb cuts, and street widths on Lomas Blvd. we have added
6. Please provide grades and slopes of the parking area and or the handicap accessible parking. no ada parking required
7. Please list the width and length for all proposed angled parking spaces. Call out the degree in which the spaces will be angled. we have added dimensions and angles
8. The handicap accessible spaces must be a minimum of 8.5 ft. in width.
9. The handicap accessible spaces must include an 8 ft. wide van access aisle; all other aisles should be 5 ft. in width. no ada parking required
10. The ADA accessible parking sign must have the required language per 66-7-352.4C NMSA 1978 **"Violators Are Subject to a Fine and/or Towing."** Please call out detail and location of HC signs. no ada parking required
11. The ADA access aisles shall have the words **"NO PARKING"** in capital letters, each of which shall be at least one foot high and at least two inches wide, placed at the rear of the parking space so as to be close to where an adjacent vehicle's rear tire would be placed. (66-1-4.1.B NMSA 1978) no ada parking required
12. A 5 ft. keyway is required for dead-end parking aisles. we have added

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov



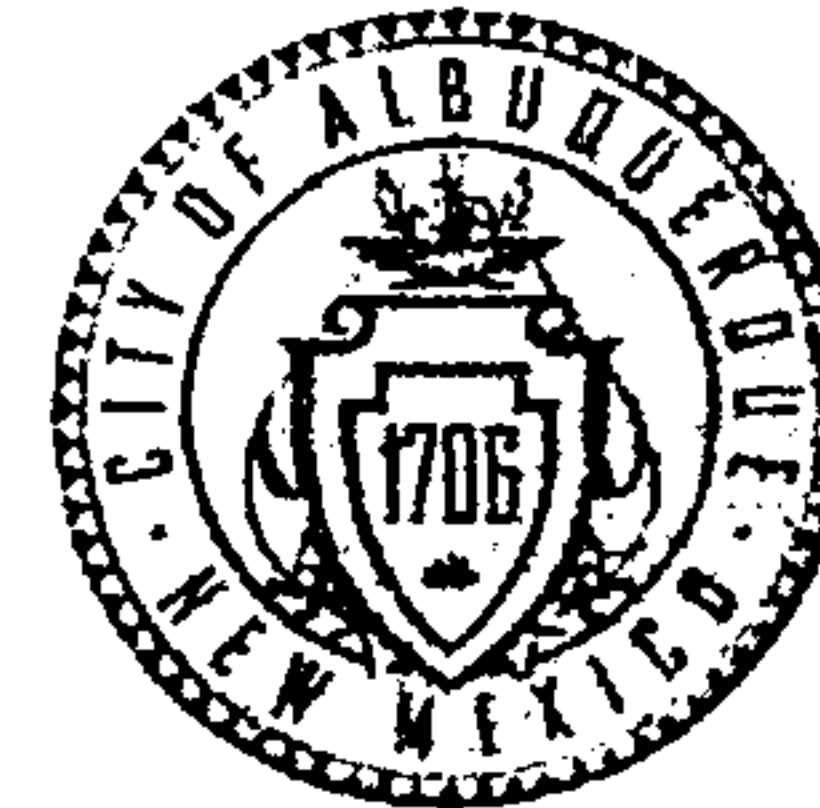
Remove All ADA Req

Coordinate w/ zoning Landscape plan

- Adjust parking space located at the SE corner

Albuquerque - Making History 1706-2006

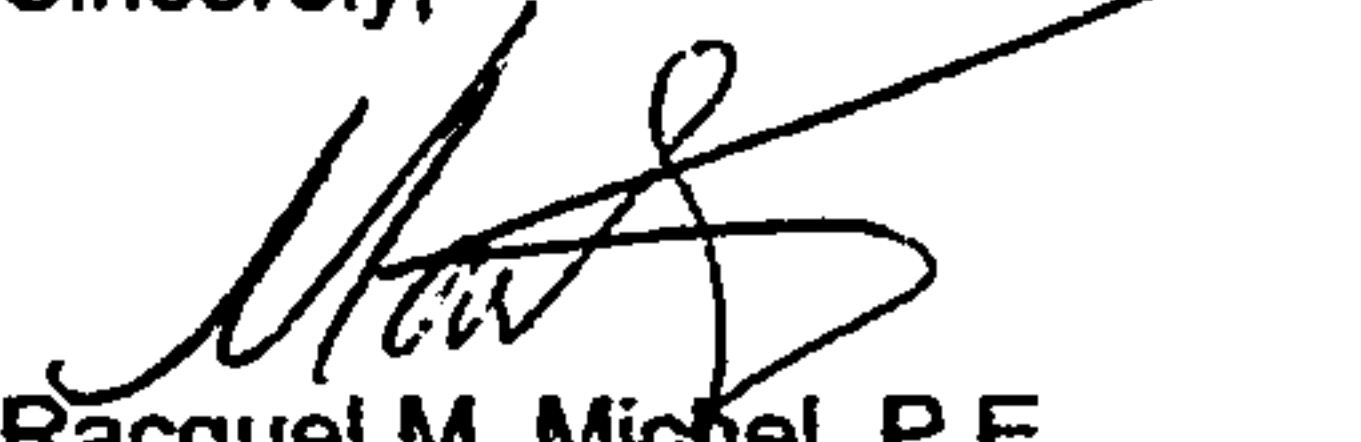
# CITY OF ALBUQUERQUE



13. The curb on the Southwest corner is within the COA right of way. Please correct or provide an approved easement. we have adjusted
14. The 6" header curb in the Northeast corner of the property with a radii of 5' will need to be reduced to 2'. we have corrected
15. Please call out and dimension motorcycle parking if required. no mc required
16. Per DPM, a 6 ft. wide ADA accessible pedestrian pathway is required from the public sidewalk and the HC parking stall access aisles to the building entrances. Please clearly show this pathway and provide details. we have no buildings
17. One-way vehicular paths require pavement directional signage and a posted "Do Not Enter" sign at the point of egress. Please show detail and location of posted signs. we had added locations and referenced sign model numbers
18. It is not apparent what type of pavement surface is being proposed. A hard driving surface will be required as part of this proposed project for parking area and drive aisles. we have added note regarding paving
19. Please provide a sight distance exhibit (see the *Development Process Manual, Chapter 23, Section 3, Part D.5 Intersection Sight Distance*). added clear site
20. Please add the following note to the clear sight triangle: "Landscaping and signage will not interfere with clear sight requirements. Therefore, signs, walls, trees, and shrubbery between 3 and 8 feet tall (as measured from the gutter pan) will not be acceptable in this area." we have added call out in the notes
21. See Chapter 23, Section 6 of the *City of Albuquerque Development Process Manual*, for appropriate drive pad widths. we have added widths
22. All broken or cracked sidewalk and driveways must be replaced with sidewalk and curb & gutter. All driveways and sidewalk must meet current ADA standards. A build note must be provided referring to the appropriate City Standard drawing. we have added call out in the notes

Resubmit two copies a revised plan along with fully completed Drainage Transportation Information Sheet to front counter personnel for log in and evaluation by Transportation. PDF copies of the plans and submittal package must be emailed to [PLNDRS@cabq.gov](mailto:PLNDRS@cabq.gov) at time of resubmittal. If you have any questions, please contact Monica Ortiz (505) 924-3981 or me at 924-9999.

Sincerely,

*For*   
Racquel M. Michel, P.E.  
Traffic Engineer, Planning Dept.  
Development Review Services

mao via: email  
C: CO Clerk, File



*Albuquerque - Making History 1706 2006*



# CITY OF ALBUQUERQUE



August 3, 2016

Rio Grande Engineering  
David Soule  
P.O. Box 933924  
Albuquerque, NM 87199

**Re: Sigma Chi Parking Lot**  
**1835 Lomas Blvd NE**  
**Traffic Circulation Layout**  
Engineer's Stamp 08-02-16 (J15D098)

Dear Mr. Soule,

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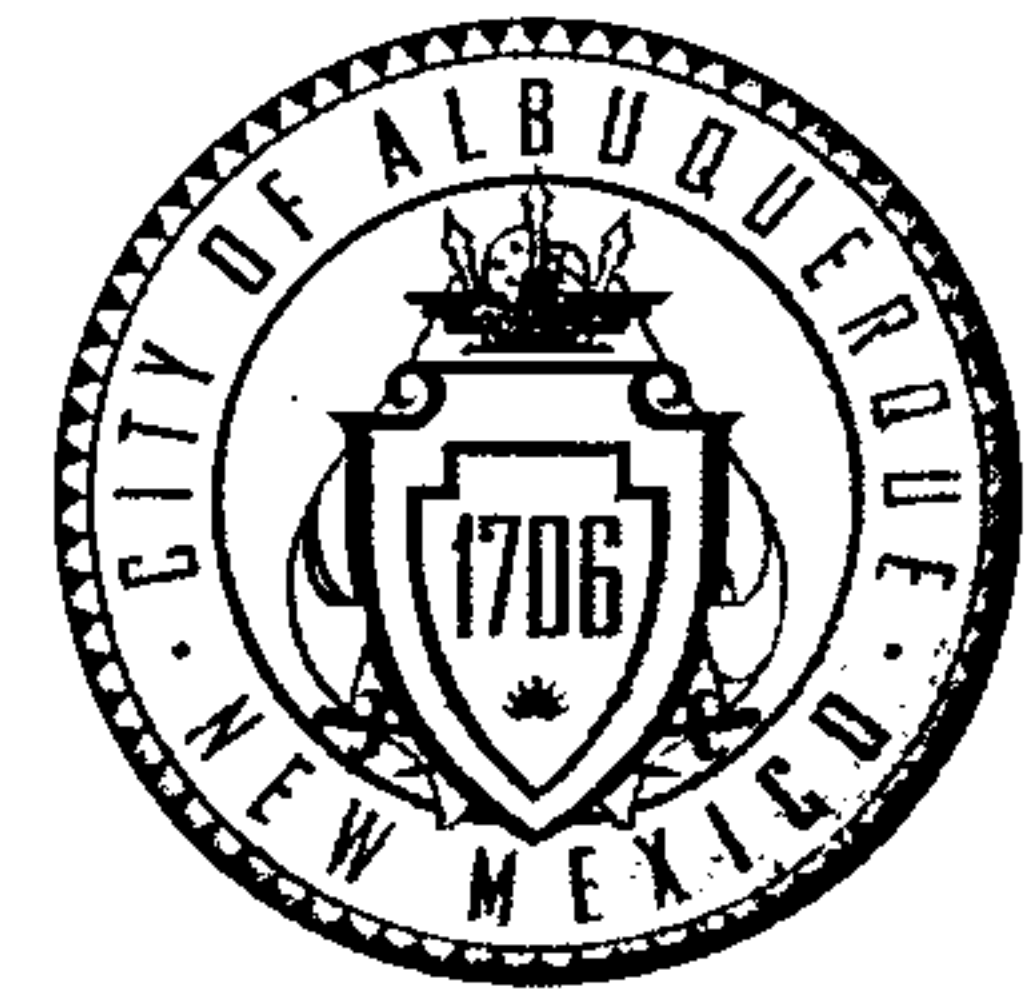
PO Box 1293

Albuquerque

New Mexico 87103

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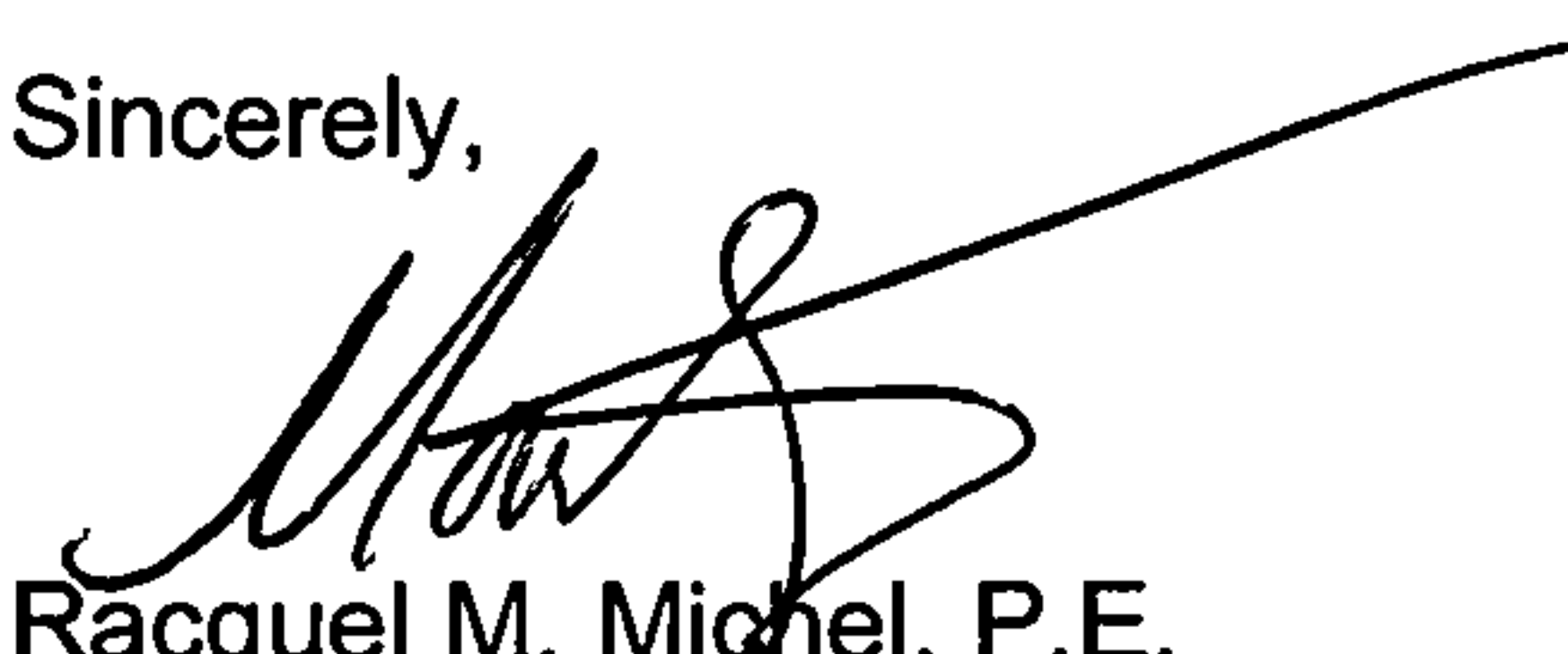
# CITY OF ALBUQUERQUE



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Sincerely,

*For*   
Racquel M. Michel, P.E.  
Traffic Engineer, Planning Dept.  
Development Review Services

mao    via: email  
C:     CO Clerk, File

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 09/2015)

Project Title: SIGMA CHI PARKING LOT Building Permit #: \_\_\_\_\_ City Drainage #: J150098

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

Legal Description: lots 8,9 AND NORTHER PORTION 7. BLOCK4 SIGMA CHI ADDITION

City Address: 1835 LOMAS NE

Engineering Firm: RIO GRANDE ENGINEERING Contact: DAVID SOULE

Address: PO BOX 93924, ALBUQUERQUE, NM 87199

Phone#: 505.321.9099 Fax#: 505.872.0999 E-mail: DAVID@RIOGRANDEENGINEERING.COM

Owner: 3B BUILDERS, INC Contact: \_\_\_\_\_

Address: 1770 HAMILTON LANE BOSQUE FARMS NM 87068

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

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

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

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

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

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

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

Check all that Apply:

### DEPARTMENT:

- ☐ HYDROLOGY/ DRAINAGE  
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☐ MS4/ EROSION & SEDIMENT CONTROL

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- ☒ TRAFFIC CIRCULATION LAYOUT (TCL)  
☐ TRAFFIC IMPACT STUDY (TIS)  
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ OTHER (SPECIFY) \_\_\_\_\_

IS THIS A RESUBMITTAL?: ☐ Yes ☒ No

DATE SUBMITTED: 8/2/16 By: \_\_\_\_\_

### CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☒ BUILDING PERMIT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY
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- ☐ PRE-DESIGN MEETING  
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COA STAFF: \_\_\_\_\_ ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_



August 3, 2016

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12. A 5 ft. keyway is required for dead-end parking aisles.

Is it required?!

Combine

13. Please call out and dimension motorcycle parking.
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20. See Chapter 23, Section 6 of the City of Albuquerque *Development Process Manual*, for appropriate drive pad widths. *Drawings.*
21. All broken or cracked sidewalk must be replaced with sidewalk and curb & gutter. A build note must be provided referring to the appropriate City Standard drawing. *Draw & meet ADA std.*
22. Please include two copies of the traffic circulation layout at the next submittal.

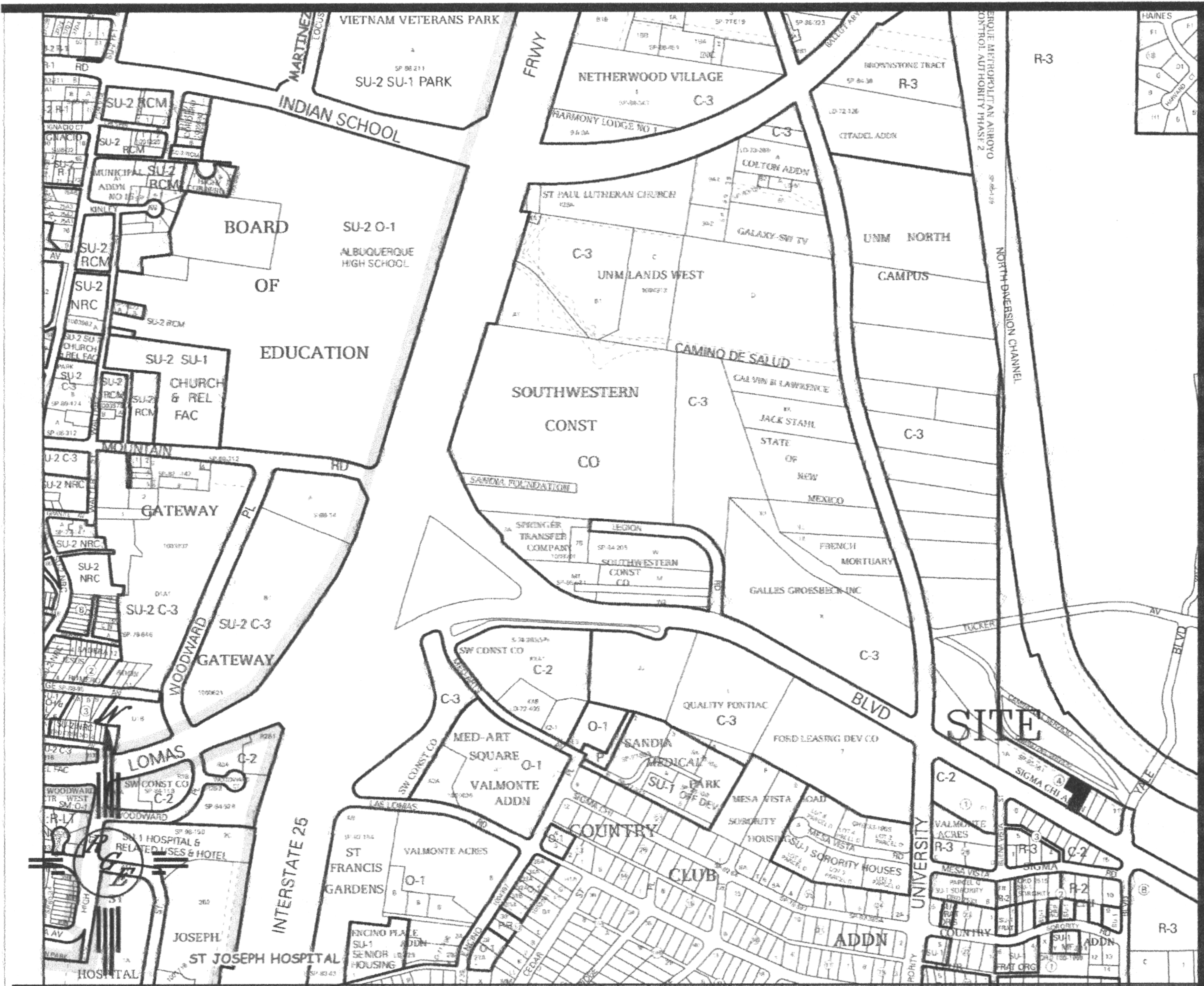
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Sincerely,

Racquel M. Michel, P.E.  
Traffic Engineer, Planning Dept.  
Development Review Services

mao via: email  
C: CO Clerk, File





VICINITY MAP:



FIRM MAP:

FM35043C2125D



## **EXISTING CONDITIONS**

The site is currently fully developed. The site bound on all sides by developed property. The site currently drains entirely to the adjacent lot. The site discharge 1.9 cfs to the adjacent property. There is currently no landscaping or ponding onsite.

## **PROPOSED CONDITIONS**

The proposed development consists of the removal of the existing buildings and asphalt and the construction of a parking lot with depressed landscape island. The site will be grade such that .15 acres will drain to Lomas, generating .65 cfs and 1041 cubic feet of water. The addition of first flush volumes within the landscape island captures 152 CF, letting 889 CF of water to drain to Lomas. The remaining site will continue to discharge at the historic outfall. The site will discharge 1.21 cfs to the outfall and 1932 cf. Due to the construction of first flush ponds the basin will capture 1314 CF with only 618 CF leaving the site. The total site is required to retain a first flush volume of 442 cubic feet of storm water. The site captures a total of 1466 cubic feet of the rainfall volume.

## **SUMMARY AND RECOMMENDATIONS**

This site is a redevelopment of an existing parcel. The site improvements do alter existing drainage patterns. The site is graded such that as much storm water as is practical will discharge to Lomas, increasing that basin by .65 cfs. The remaining onsite flow will continue to drain to the historical outfall with a peak rate of 1.21 cfs, which is 0.69 cfs less than historical. The onsite ponding exceeds the first flush requirement. The total flow leaving the site and impacting the down stream developments is 1.86 cfs, which is 0.04 cfs less than historical. The onsite ponding reduces the total volume leaving the site from 3049 CF to 1517 cfs. The proposed development has a total reduction in peak and total volume leaving the site.

**APPENDIX A**  
**SITE HYDROLOGY**



# Weighted E Method

Basin	Area (sf)	Area (acres)	Treatment A		Treatment B		Treatment C		Treatment D		100-Year, 6-hr.		10-day
			%	(acres)	%	(acres)	%	(acres)	%	(acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs
Existing	18554.00	0.426	0%	0	5%	0.021	8%	0.034	87%	0.371	1.974	0.070	1.90
PROPOSED	18554.00	0.426	0%	0	11%	0.047	5%	0.021	84%	0.358	1.923	0.068	1.86
comparison	0.00	0.000		0	0%	0.02556	0%	-0.0128	42%	-0.013	-0.051	-0.002	-0.04
prop to lomas	6498.00	0.149	0%	0	11%	0.016	5%	0.007	84%	0.125	1.923	0.024	0.65
prop to west	12056.00	0.277	0%	0	11%	0.030	5%	0.014	84%	0.232	1.923	0.044	1.21

## Equations:

Weighted E  $\cong$  Ea\*Aa + Eb\*Ab + Ec\*Ac + Ed\*Ad / (Total Area)

Volume = Weighted D \* Total Area

Flow = Qa \* Aa + Qb \* Ab + Qc \* Ac + Qd \* Ad

Where for 100-year, 6-hour storm(zone2)

Ea= 0.53	Qa= 1.56
Eb= 0.78	Qb= 2.28
Ec= 1.13	Qc= 3.14
Ed= 2.12	Qd= 4.7

First flush pond requirements (.34") x 15585

442 cubic feet

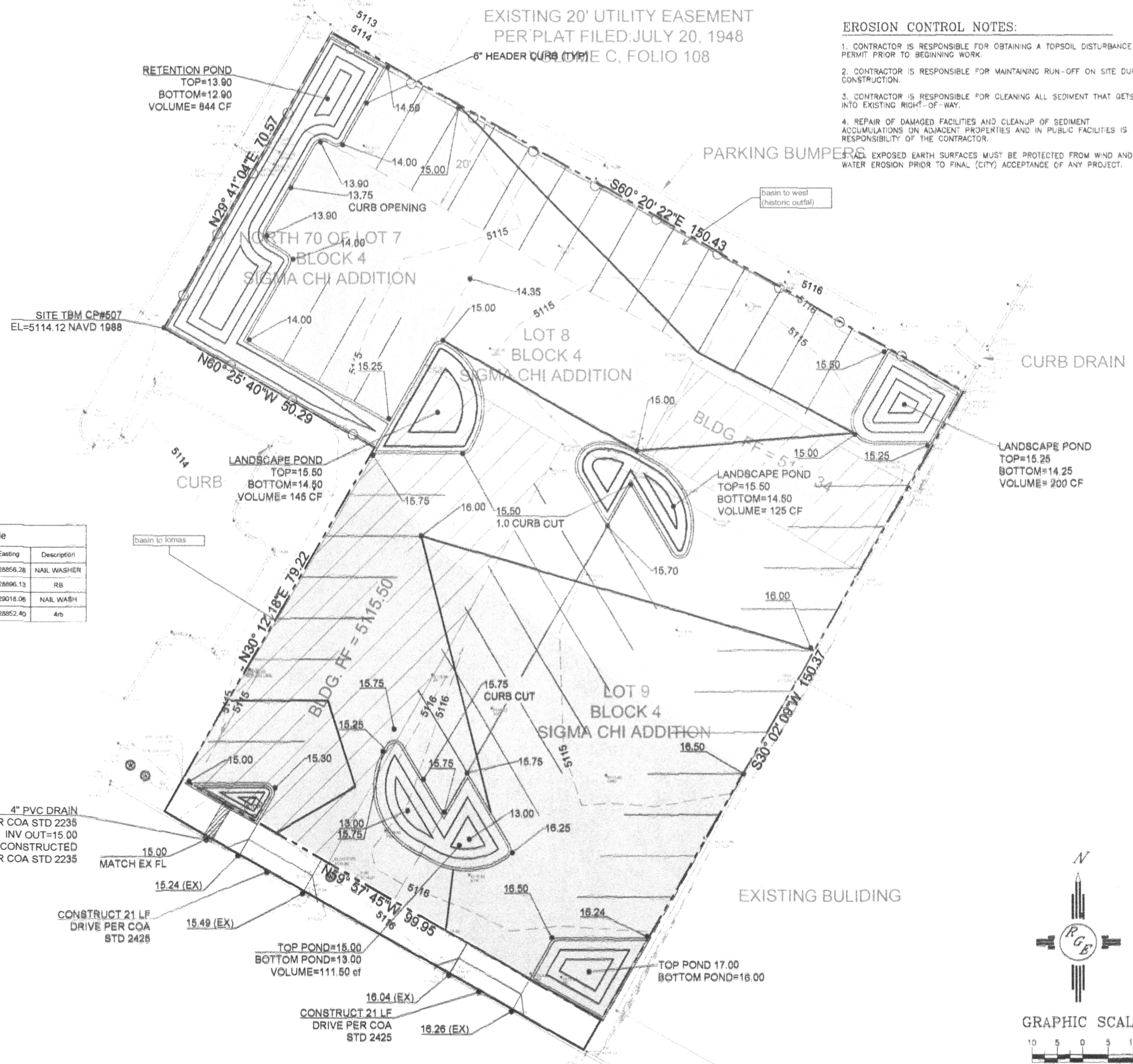
total basin to lomas

	proposed	historic	COMPARISON
peak flow	0.65 cfs	0	0.65 CFS INCREASE
total flow	1041.36 cf	0	
captured	152.000 cf	0	
net flow	889.359 cf	0	889 CF INCREASE

total basin to historic outfall

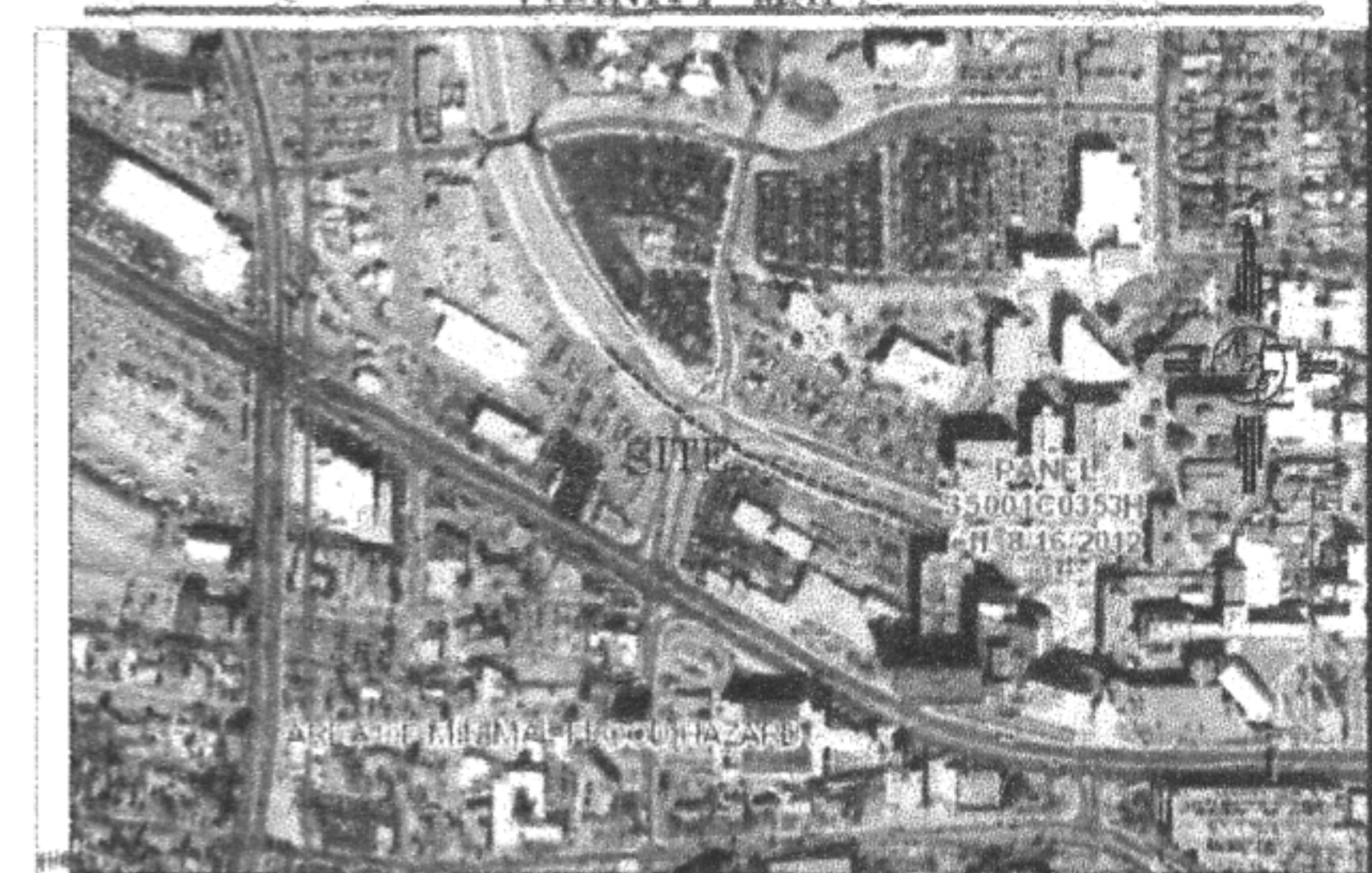
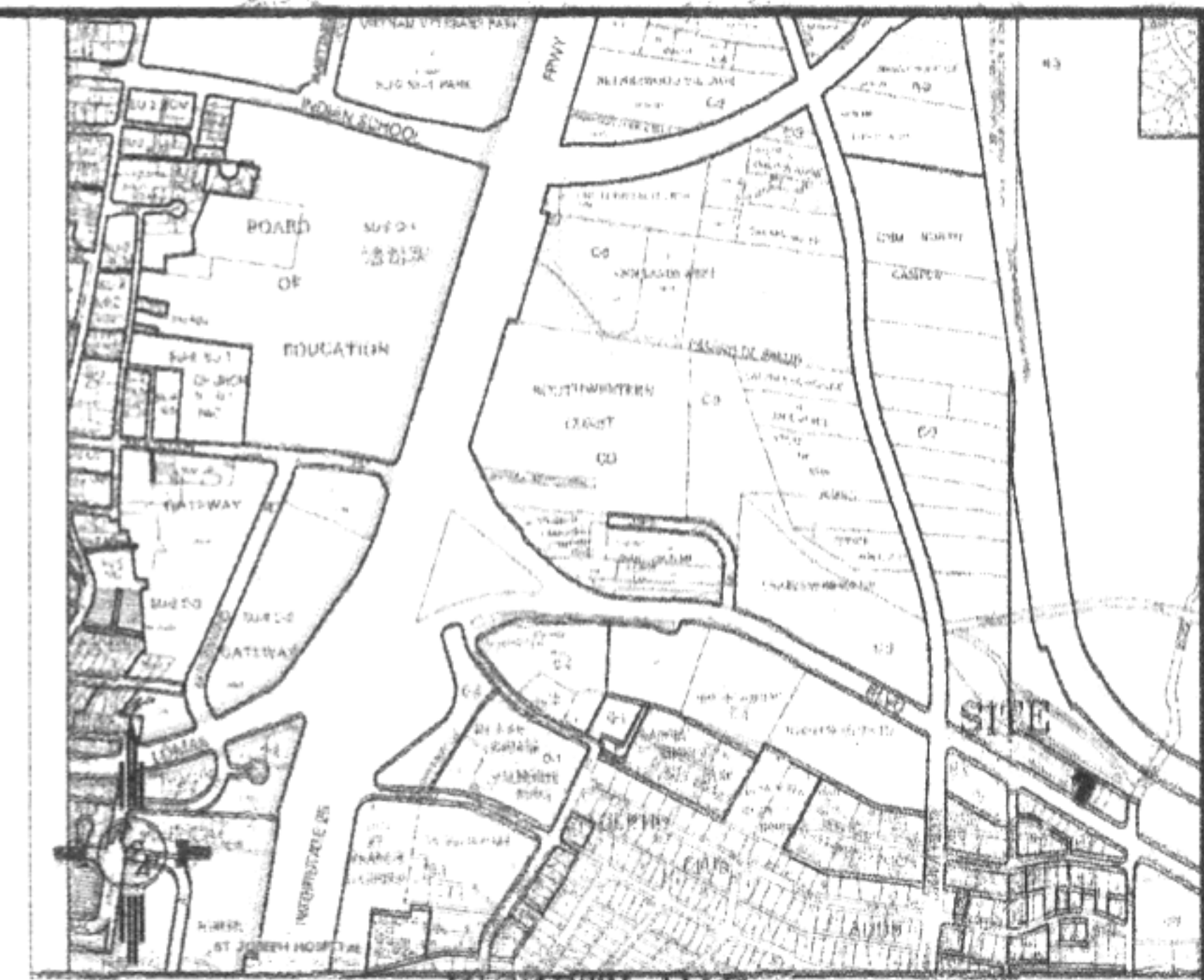
	proposed	historic	
peak flow	1.21	1.90	0.690 CFS DECREASE
total flow	1932.07 cf	3052	
captured	1314.000 cf	0	
net flow	618.074 cf	2824	2206 CF DECREASE





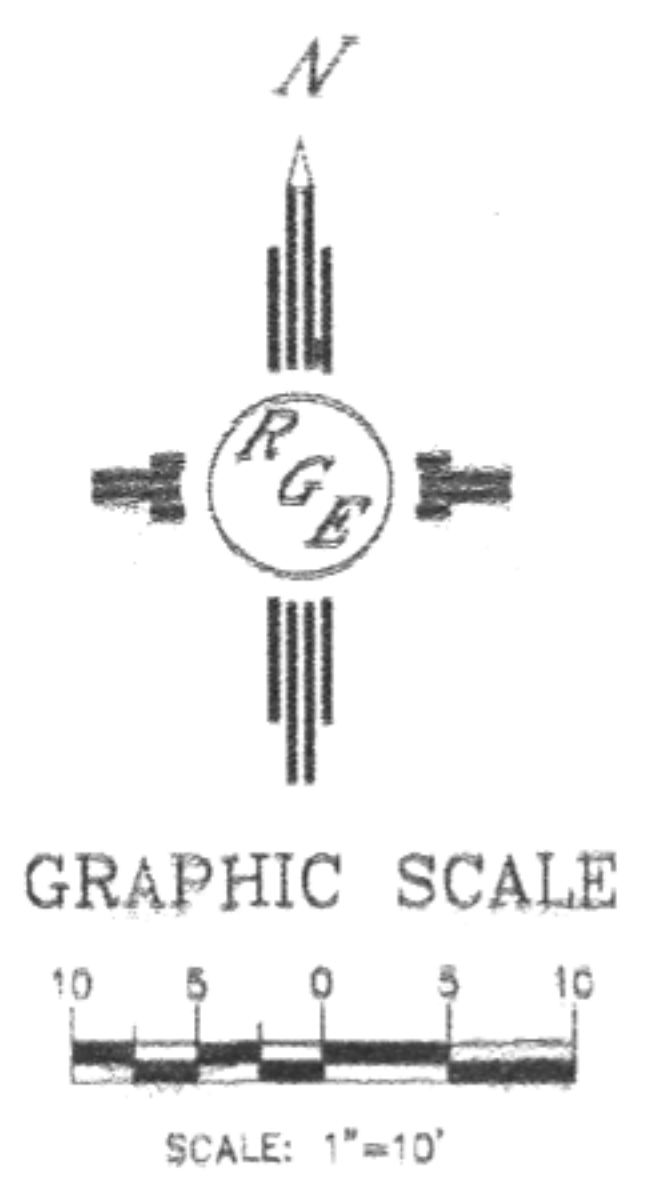
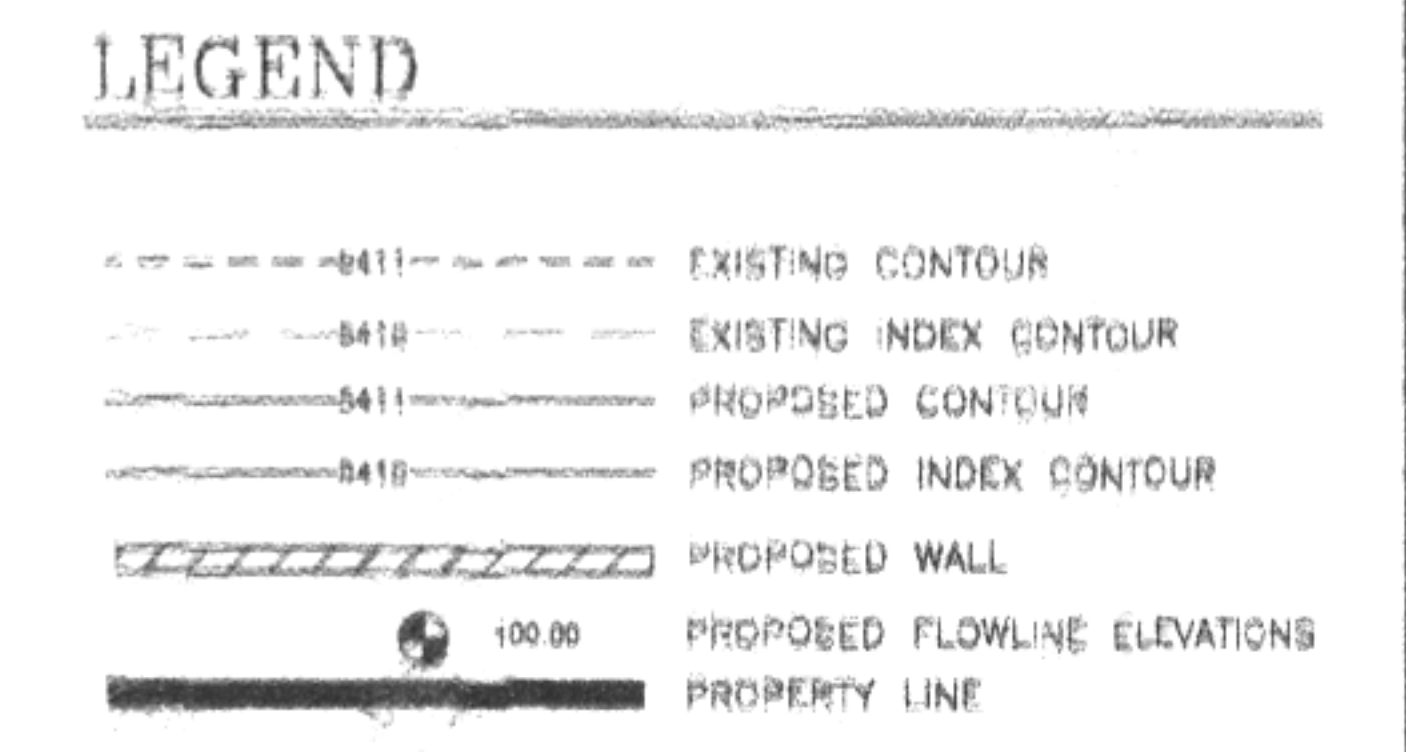
- EROSION CONTROL NOTES:**
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
  2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
  3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
  4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
  5. EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

Point Table				
Point #	Elevation	Northing	Easting	Description
101	5114.85	1488026.65	1528856.28	NAIL WASHER
121	5115.08	1488095.12	1528896.13	RB
198	5117.81	1488106.79	1529018.06	NAIL WASH
507	5114.12	1488119.93	1528852.40	4th



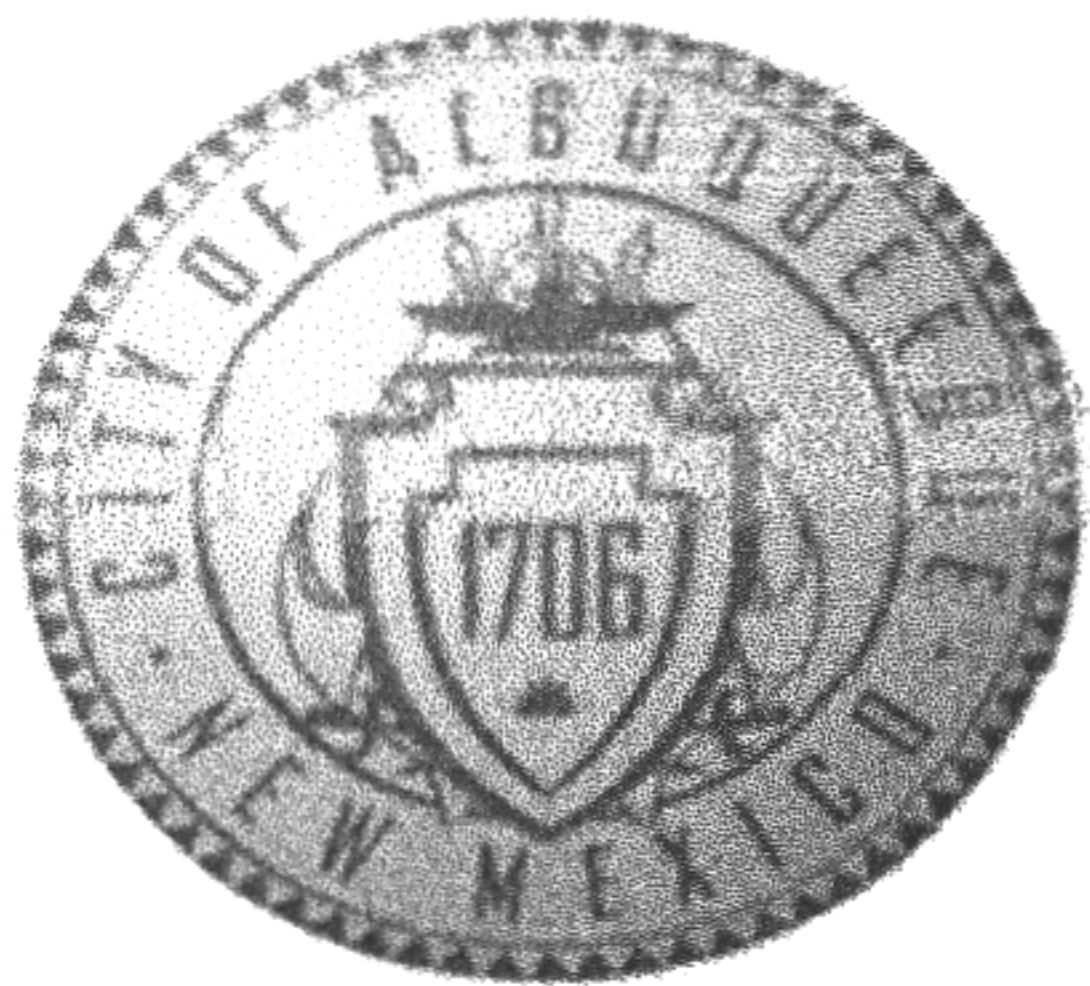
**LEGAL DESCRIPTION:**  
NORTH 70' OF LOT 7, LOT 8 AND 9, BLOCK 4 SIGMA CHI ADDITION

**NOTES:**  
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.  
2. TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS OBTAINED BY CONSTRUCTION SURVEY TECHNOLOGIES, INC 07-18-2016



	NORTH 70' OF LOT 7, 8, 9, BLOCK 4 SIGMA CHI ADDITION	DRAWN BY JDC
	GRADING AND DRAINAGE PLAN	DATE 07-18-2016
		SHEET #
		1 OF 1
DAVID SOULE P.E. #14522		JOB #





# City of Albuquerque

Planning Department

Development & Building Services Division

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

Project Title: SIGMA CHI PARKING LOT Building Permit #: \_\_\_\_\_ City Drainage #: J15D098  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_  
Legal Description: lots 8,9 AND NORTHER PORTION 7. BLOCK4 SIGMA CHI ADDITION  
City Address: 1835 LOMAS NE

Engineering Firm: RIO GRANDE ENGINEERING Contact: DAVID SOULE  
Address: PO BOX 93924, ALBUQUERQUE, NM 87199  
Phone#: 505.321.9099 Fax#: 505.872.0999 E-mail: DAVID@RIOGRANDEENGINEERING.COM

Owner: 3B BUILDERS, INC Contact: \_\_\_\_\_  
Address: 1770 HAMILTON LANE BOSQUE FARMS NM 87068  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

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

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: 8/2/16 By: \_\_\_\_\_

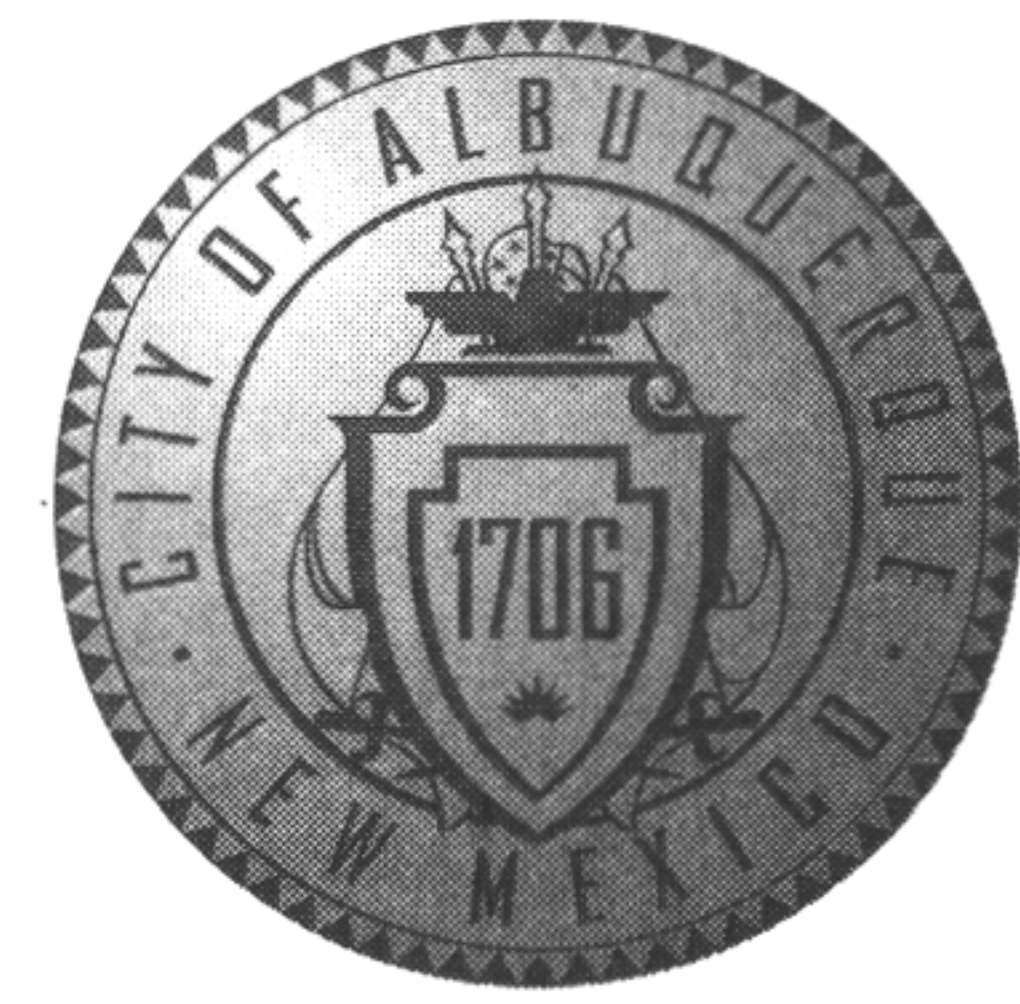
### CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☒ 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  
☒ GRADING PERMIT APPROVAL  
☐ SO-19 APPROVAL  
☐ PAVING PERMIT APPROVAL  
☐ GRADING/ PAD CERTIFICATION  
☐ WORK ORDER APPROVAL  
☐ CLOMR/LOMR  
  
☐ PRE-DESIGN MEETING  
☐ OTHER (SPECIFY) \_\_\_\_\_

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



# CITY OF ALBUQUERQUE



September 15, 2016

Richard J. Berry, Mayor

David Soule, PE  
Rio Grande Engineering  
P.O. Box 93924  
Albuquerque, NM 87199

**RE: Sigma Chi Parking Lot  
Grading and Drainage Plan  
Engineer's Stamp Date – 8-2-2016  
Hydrology File: J15D098**

Dear Mr. Soule:

Based upon the information provided in your submittal received 8-2-2016, the above referenced Grading Permit submittal is approved for Grading with the following conditions:

1. Remove the 4" pvc drain that is proposed through the sidewalk, which would require an SO-19 Permit. Instead, a curb cut outlet facing the driveway can provide a spillway for the adjacent pond.
2. Ensure that curb cuts are constructed on all the islands at logical low spots; some are not shown on the plan.

If there is an as-built generated for the project, please forward a copy to the City for our file.

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

Sincerely,

Abiel Carrillo, P.E.  
Principal Engineer, Planning Dept.  
Development Review Services

Orig: Drainage file