

CITY OF ALBUQUERQUE



February 21, 2017

Richard J. Berry, Mayor

David Soule, P.E.
Rio Grande Engineering.
Po box 93924
Albuquerque, NM, 87199

RE: ST. Martins Hospitality Center
Grading and Drainage Plan
Engineer's Stamp Date 2-3-2017 (File: J18D182)

Dear Mr. David:

Based upon the information provided in your submittal received 2-8-2017, the above referenced Grading and Drainage Plan cannot be approved for paving permit until the following comments are addressed:

1. Provide onsite and offsite flow narrative.
2. Hinge line between the east and west side of the site will be beneficial to get half of the onsite runoff drain to the pond or make sure stormwater quality pond placed where flow can get to it.
3. Peak discharge for proposed condition should be the same or less than the existing conditions.
4. Does the northerly building roof drain directly to Mountain Road?
5. Is there a trash enclosure on site?

If you have any questions, you can contact me at 924-3999.

Sincerely,

Shahab Biazar, P.E.
City Engineer, Planning Dept.
Development Review Services

MA/SB



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: _____ **Building Permit #:** _____ **City Drainage #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: _____

City Address: _____

Engineering Firm: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____

Address: _____

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) _____

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) _____

IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.

5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.

5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.

Basin	Area (a)	Area (a)	100-Year, 6-hr					24-hour					
			Treatment A (acres)	Treatment B (acres)	Treatment C (acres)	Treatment D (acres)	Weighted (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)			
Existing	8410.00	0.193	0%	0	0.000	44.0	0.077	0.60	1.18	0.79	0.037		
proposed	8410.00	0.193	0%	0	0.000	13%	0.025	87%	0.168	1.991	0.032	0.87	0.045
comparison	0.00	0.000	0%	0	0.000	-27%	-0.052	27%	0.052	0.267	0.004	0.08	0.008

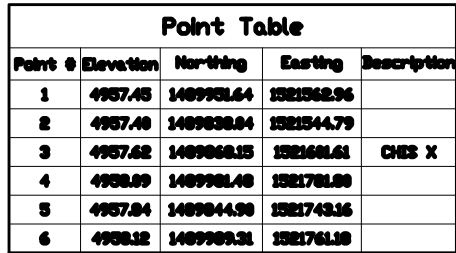
PONDING REQUIRED

VOLUME GENERATED

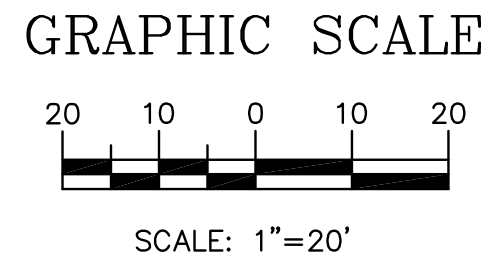
VOLUME GENERATED

0.037	AC-FT	1595.09667	CF
0.045	AC-FT	1956.51642	CF

361.41975



EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.




LOTS 15-19 HOMESTEAD ADDITION



1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.

-----5414-----	EXISTING CONTOUR
-----5415-----	EXISTING INDEX CONTOUR
-----5414-----	PROPOSED CONTOUR
-----5415-----	PROPOSED INDEX CONTOUR
▲	SLOPE TIE
x 4048.25	EXISTING SPOT ELEVATION
↑	
x 4048.25	PROPOSED SPOT ELEVATION
+	
-----	BOUNDARY
-----	CENTERLINE
-----	RIGHT-OF-WAY
-----	PROPOSED CURB
=====	EXISTING CURB AND GUTTER
□□□□□□□□□□	PROPOSED SIDEWALK
-----	EXISTING SIDEWALK
=====	PROPOSED RETAINING WALL (SEE STRUCTURAL DRAWINGS)

NEW 3" AC PAVING



NEW LANDSCAPING

<p>ENGINEER'S SEAL</p>	<p>ST. MARTINS</p>		<p>DRAWN BY WCW/J</p>
	<p>GRADING AND DRAINAGE PLAN</p>		<p>DATE 2-03-17</p>
<p>2/3/17</p>		<p><i>Rio Grande Engineering</i></p>	<p>21703-LAYOUT-1-19-17</p>
<p>DAVID SOULE P.E. #14522</p>	<p>1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0889</p>		<p>SHEET # —</p> <p>JOB # 21703</p>