

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

December 26, 2018

Martin Garcia, P.E.
Anchor Engineering LLC
1035 S. Bosque Loop
Bosque Farms, NM, 87123

**RE: Enterprise Rent-a-Car
Grading and Drainage Plan
Engineer's Stamp Date: 12/10/18
Hydrology File: N15D016**

Dear Mr. Garcia:

Based upon the information provided in your submittal received 12/12/2018, the Grading and Drainage Plan is approved for Grading Permit.

Once the pond is completed, an Engineer Certification per the DPM checklist will be required.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

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: _____

Surveyor: _____ Contact: _____

Address: _____

Phone#: _____ 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)
- _____ 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: _____ By: _____

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

[illegible]

ZONE X

4

ZONE X

SOUTH CLARK BLVD

CLARK CARR RD

City of Albuquerque
350002

NATIONAL FLOOD INSURANCE PROGRAM

Panel 0342G

FIRM

FLOOD INSURANCE RATE MAP

**BERNALILLO COUNTY,
NEW MEXICO
AND INCORPORATED AREAS**

PANEL 342 OF 825

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
ALBUQUERQUE, CITY OF	350002	0342	G
BERNALILLO COUNTY UNINCORPORATED AREAS	350001	0342	G

Notice to User: The **Map Number** shown below should be used when placing map orders. The **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
35001C0342G

MAP REVISED
SEPTEMBER 26, 2008

Federal Emergency Management Agency

ENTERPRISE RENT-A-CAR				
Hydrology Calculations				
Date: October 4, 2016				
DPM - Section 22.2				
Volume 2, January 1993				
Precipitation Zone	2			
100 Year Storm Depth, P (360)	2.35			
Treatment Area	A	B	C	D
Excess Precipitation Factors	0.53	0.78	1.13	2.12
Peak Discharge Factors	1.56	2.28	3.14	4.70
Land Treatment Area	Acres	Existing		Proposed
Type "D" (Roof)		0.00		0.36
Type "C" (Unpaved Roadway)		2.00		3.70
Type "B" (Irrigated Lawns)		2.06		0.00
Type "A" (Undeveloped)		0.00		0.00
Total (Acres)		4.06		4.06
Excess Precipitaion(in)		0.95		1.22
Volume (100), cf		14036.48		17947.45
Volume (25), cf		11229.19		14357.96

THE PURPOSE OF THIS GRADING AND DRAINAGE PLAN IS TO ACCOMMODATE FOR A NEW PARKING/STORAGE LOT. THE LOT IS PROPOSED TO BE FINISHED WITH BASE COURSE ONLY. THE SITE CURRENTLY IN AN UNIMPROVED LOT AND IS BOUND TO THE NORTH BY IMPROVED LOTS, TO THE WEST BY THE UNM SOUTH GOLF COURSE, TO THE SOUTH BY AN UNIMPROVED LOT AND TO THE EAST BY UNIVERSITY BLVD S.E.

THE SITE CURRENTLY SLOPES FROM THE EAST TO THE WEST AND DRAINS INTO THE UNM SOUTH GOLF COURSE AT APPROXIMATELY 2.4% SLOPE. THE PROPOSED GRADING PLAN HEREON, WOULD ACCOMMODATE ALL RUN-OFF TO A NEW DETENTION POND WHERE ALL RUN-OFF WOULD DISCHARGE INTO A NEW 2'x2' STORM DRAIN INLET WITH AN 18" DIA OUTLET PIPE WITH A MAXIMUM FLOW OF 5.5664 CFS.

THE SITE IS OUTSIDE THE FLOOD PLAIN AS DESIGNATED AS "ZONE X" PER FEMA FLOOD PLAIN PANEL 35001C0342G, DATED SEPTEMBER 26, 2008

TRACT 3-B, AIRPORT TECHNICAL CENTER (REPLAT MAP
FOR LOTS 1, 2-A, 3-A, 5, 6-A AND 8-A), CITY OF
ALBUQUERQUE, COUNTY OF BERNALILLO, NEW
MEXICO

UPC: 101505428540510236

THE PROJECT BENCHMARK FOR THIS
GRADING PLAN IS A FOUND PK NAIL WITH
DISK FOUND ALONG THE EXISTING
SIDEWALK AND ALONG THE EAST
PROPERTY FRONTAGE OF THE PROJECT
LOT, STAMPED "SURV_TEK CONTROL"

N: 1470452.36
E: 1527015.39
ELEV: 5207.27'

— — — — —	PROPERTY BOUNDARY
— 5200 —	EXISTING CONTOUR
— 98 —	NEW CONTOUR
- - - - -	LIMITS OF POND
○ — ○ —	NEW PERIMETER FENCE
<u>98.00</u> ●	NEW SPOT ELEVATION
TG	TOP OF GRATE ELEVATION

C1

3

