

CITY OF ALBUQUERQUE



July 8, 2016

Richard J. Berry, Mayor

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

**RE: 2900 A&B Corona NW
Grading and Drainage Plan
Engineer's Stamp Date – 6-6-2016
Hydrology File: H11D070**

Dear Mr. Soule:

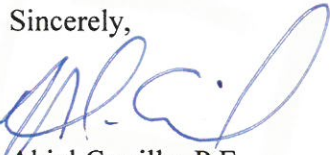
Based upon the information provided in your submittal received 6-6-2016, the above referenced Grading and Drainage Plan is approved for Building Permit with the following condition:

- The location of roof drains is not shown, but it appears that they will be directed North and South. Ensure that roof flows are routed through the first flush ponds.

Prior to Building Permit approval, Engineer Certification per the DPM checklist will be required.

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



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

Equations:

$$\text{Volume} = \text{Weighted D} \cdot \text{Total Area}$$

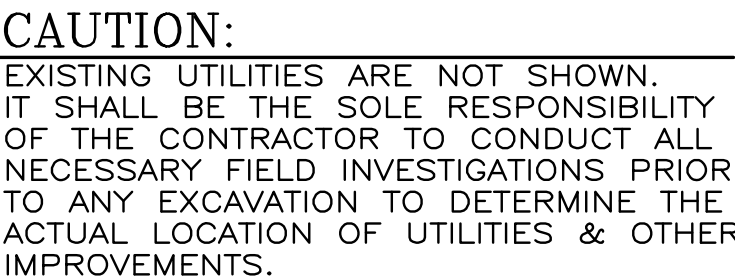
Where for 100-year, 6-hour storm(zone1

First flush pond requirements (.34")	x	5152.6
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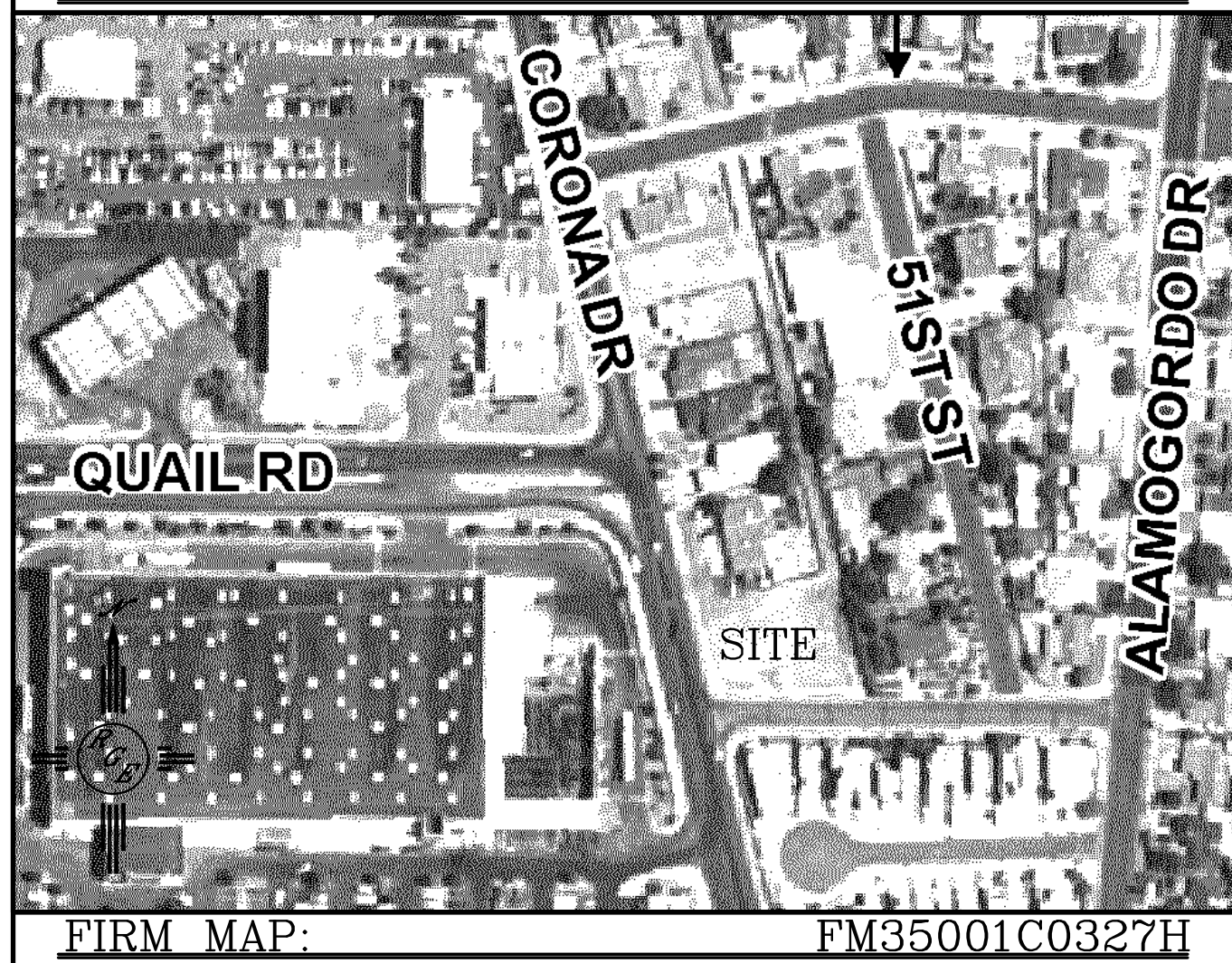
146 cubic feet

DRAINAGE NARRATIVE

THIS SITE IS LOCATED WITH A FULLY DEVELOPED AREA OF NORTH WEST ALBUQUERQUE. IT IS UNKNOWN IF THE SITE HAS BEEN DEVELOPED IN THE PAST DUE TO NATURE OF THE EXISTING SURROUNDING DEVELOPMENTS. THE LOCATION OF THE SITE ADJACENT TO THE WEST BLUFF OUTFALL AND DISCHARGE DIRECTLY TO CORONA, WE PROPOSE FREE DISCHARGE OF THIS INFILL SITE IS APPROPRIATE. THE SITE WILL RETAIN TWICE THE FIRST FLUSH VOLUME



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



LEGAL DESCRIPTION:



LOT 8 , BLOCK D, CACY SUBDIVISION

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.

LEGEND

	-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
		EASEMENT
		RIGHT-OF-WAY
		PROPOSED EDGE OF CONCRETE
		EXISTING EDGE OF ASPHALT
		PROPOSED SCREEN WALL

	ENGINEER'S SEAL	2900 A&B	DRAWN BY WCV/J
		CORONA DRIVE	DATE 6-05-16
		GRADING AND DRAINAGE PLAN	21625-LAYOUT-6-05-16
	6/6/16	 <i>Rio Grande</i> <i>Engineering</i> 1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	SHEET # —
DAVID SOULE P.E. #14522			JOB # 21625