

CITY OF ALBUQUERQUE



Planning Department
Suzanne Lubar, Director

Mayor Richard J. Berry

June 29, 2016

David Soule, PE
Rio Grande Engineering
1606 Central SE Suite 201
Albuquerque, NM 87106

Re: Amos Gallegos Residence
6315 Canavio NW
Request Permanent C.O. - Accepted
Engineer's Stamp dated: 7-6-15 (D10D003V11)
Certification dated: 6-27-16

PO Box 1293

Dear Mr. Soule,

Albuquerque

Based on the Certification received 6/27/2016, the site is acceptable for release of Certificate of Occupancy by Hydrology.

New Mexico 87103 If you have any questions, you can contact me at 924-3686 or Totten Elliott at 924-3982.

www.cabq.gov

Sincerely,

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

TE/AC

C: email Cordova, Camille C.; Miranda, Rachel; Sandoval, Darlene M.; Blocker, Lois



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: AMOS GALLEGOS RESIDENCE Building Permit #: City Drainage #:
DRB#: EPC#: Work Order#:
Legal Description: LOT 11 BLOCK 5, UNIT 22 VOLCANO CLIFFS
City Address: 6315 CANAVIO STREET NW

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: AMOS GALLEGOS Contact:
Address: 2600 PHEONIX NE 87111
Phone#: Fax#: E-mail:

Architect: JOE SLAGEL Contact:
Address:
Phone#: Fax#: E-mail:

Surveyor: CONSTRUCTION SURVEY INCORPORATED Contact: JOHN GALLEGOS
Address:
Phone#: 917.8921 Fax#: E-mail:

Contractor: Contact:
Address:
Phone#: Fax#: E-mail:

TYPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:
<input type="checkbox"/> DRAINAGE REPORT	<input type="checkbox"/> SIA/FINANCIAL GUARANTEE RELEASE
<input checked="" type="checkbox"/> DRAINAGE PLAN 1st SUBMITTAL	<input type="checkbox"/> PRELIMINARY PLAT APPROVAL
<input type="checkbox"/> DRAINAGE PLAN RESUBMITTAL	<input type="checkbox"/> S. DEV. PLAN FOR SUB'D APPROVAL
<input type="checkbox"/> CONCEPTUAL G & D PLAN	<input type="checkbox"/> S. DEV. FOR BLDG. PERMIT APPROVAL
<input type="checkbox"/> GRADING PLAN	<input type="checkbox"/> SECTOR PLAN APPROVAL
<input type="checkbox"/> EROSION & SEDIMENT CONTROL PLAN (ESC)	<input type="checkbox"/> FINAL PLAT APPROVAL
<input type="checkbox"/> ENGINEER'S CERT (HYDROLOGY)	<input type="checkbox"/> CERTIFICATE OF OCCUPANCY (PERM)
<input type="checkbox"/> CLOMR/LOMR	<input type="checkbox"/> CERTIFICATE OF OCCUPANCY (TCL TEMP)
<input type="checkbox"/> TRAFFIC CIRCULATION LAYOUT (TCL)	<input type="checkbox"/> FOUNDATION PERMIT APPROVAL
<input type="checkbox"/> ENGINEER'S CERT (TCL)	<input checked="" type="checkbox"/> BUILDING PERMIT APPROVAL
<input type="checkbox"/> ENGINEER'S CERT (DRB SITE PLAN)	<input checked="" type="checkbox"/> GRADING PERMIT APPROVAL
<input type="checkbox"/> ENGINEER'S CERT (ESC)	<input type="checkbox"/> PAVING PERMIT APPROVAL
<input checked="" type="checkbox"/> SO-19	<input type="checkbox"/> WORK ORDER APPROVAL
<input type="checkbox"/> OTHER (SPECIFY)	<input type="checkbox"/> GRADING CERTIFICATION
	<input type="checkbox"/> SO-19 APPROVAL
	<input type="checkbox"/> ESC PERMIT APPROVAL
	<input type="checkbox"/> ESC CERT. ACCEPTANCE
	<input type="checkbox"/> OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED: ☐ Yes ☒ No ☐ Copy Provided
DATE SUBMITTED: 6/30/15 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:

- Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
- Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres
- Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
- 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:

Weighted E = $Ea^*Aa + Eb^*Ab + Ec^*Ac + Ed^*Ad / (\text{Total Area})$

Volume = Weighted D * Total Area

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

Where for 100-year, 6-hour storm- zone 1

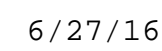
Ea= 0.44	Qa= 1.29
Eb= 0.07	Qb= 2.03
Ec= 0.99	Qc= 2.87
Ed= 1.97	Qd= 4.37

ONSITE Conditions

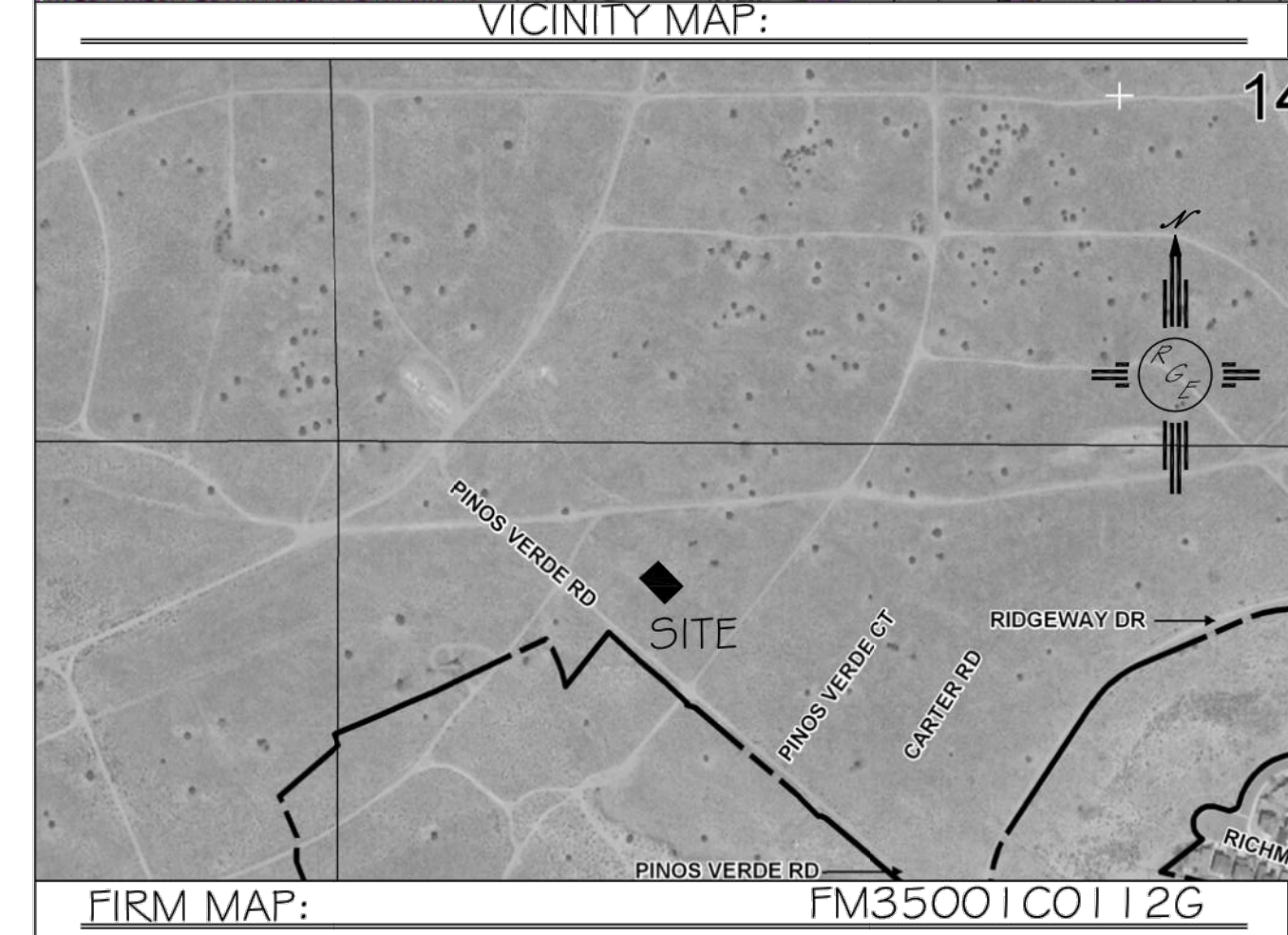
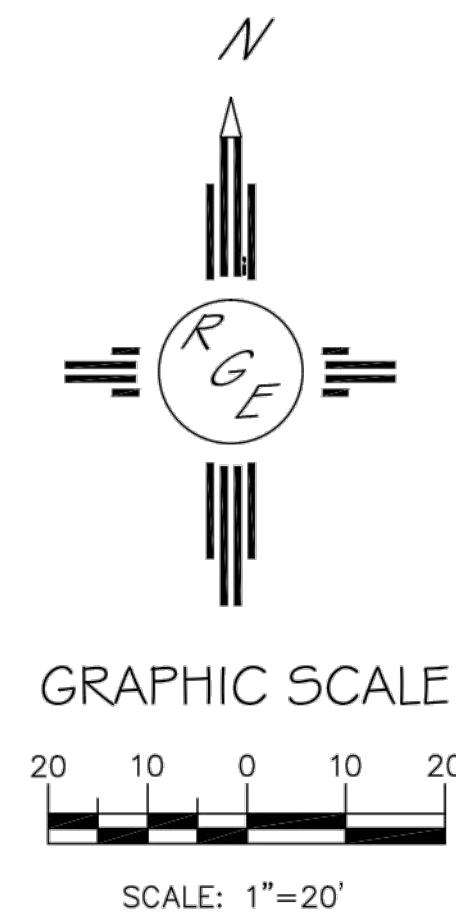
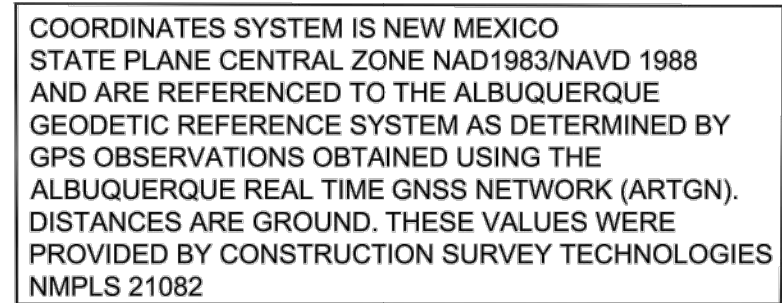
FIRST FLUSH WATER QUALITY VOLUME	REQUIRED (CF)	PROVIDED (CF)
WATER QUALITY	170	1398
INCREASE IN FLOW	1043	1398

Interpretation:

EXCEPTIONS: HOUSE PLAN WAS MIRROR IMAGED, ONSITE
WATER QUALITY VOLME MET




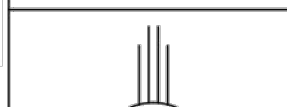
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES 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 (CITY) ACCEPTANCE OF ANY PROJECT.



LOT 11, BLOCK 5 UNIT 22, VOLCANO CLIFFS

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS OBTAINED BY
CONSTRUCTION SURVEY TECHNOLOGIES, DAVID ACOSTA PLS 2081, DATED JUNE 2015

-5411- EXISTING CONTOUR
 -5410- EXISTING INDEX CONTOUR
 -5411- PROPOSED CONTOUR
 -5410- PROPOSED INDEX CONTOUR
 FLOW DIRECTION-SWALE
 PROPOSED SPOT (FLOW-LINE)

ENGINEER'S SEAL 	LOT 11, BLOCK 5, UNIT 22 VOLCANO CLIFFS SUBDIVISION	DRAWN BY JDG
	GRADING AND DRAINAGE PLAN	DATE 06-29-2015
		SHEET # I OF I
7/6/15 6-30-15	<i>Rio Grande</i> <i>Engineering</i> 1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0993	JOB #
DAVID SOULE P.E. #14522		