CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

August 7, 2017

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

RE: 13704 Ellena Gallegos NE

Grading Plan Stamp Date: 7/18/17

Hydrology File: E24D002A

Dear Mr. Soule:

PO Box 1293

Based upon the information provided in your submittal received 8/2/2017, the Grading Plan **is not** approved for Building Permit. The following comments need to be addressed for approval of the above referenced project:

Albuquerque

- 1. Please provide both the beginning and ending flowlines for all the cobble swales.
- 2. Please add the weir calculations for the emergency overflows.

New Mexico 87103

3. There is enough room on the sheet, so please enlarge the Site Hydrology calculations and notes.

www.cabq.gov

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

Sincerely,

Reneé C. Brissette, P.E. Senior Engineer, Hydrology

Renes C. Brissetto

Planning Department



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: 13704 Ellena Gallegos	Building Permit #:	City Drainage #:
DRB#: EPC#:		
Legal Description: lot 93 unit 3 the highlands at high desert		
City Address: 13704 Ellena Gallegos		
Engineering Firm: RIO GRANDE ENGINEERING		Contact: DAVID SOULE
Address: PO BOX 93924, ALBUQUERQUE, NM 87199		
		E-mail: DAVID@RIOGRANDEENGINEERING.COM
Owner: las ventanas homes Address:		Contact.
Phone#: Fax#:		E-mail:
Address:		Contact.
		E-mail:
Other Contact:		Contact:
Address:		
Phone#: Fax#:		E-mail:
DEPARTMENT: X HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL	× BUILDING F	PAPPROVAL/ACCEPTANCE SOUGHT: PERMIT APPROVAL TE OF OCCUPANCY
TYPE OF SUBMITTAL:	DDELD (DA)	DV DV AT ADDDOVAL
ENGINEER/ ARCHITECT CERTIFICATION		RY PLAT APPROVAL FOR SUB'D APPROVAL
		FOR BLDG. PERMIT APPROVAL
CONCEPTUAL G & D PLAN	FINAL PLAT	
X GRADING PLAN	SIA/ RELEASE OF FINANCIAL GUARANTEE	
DRAINAGE MASTER PLAN	FOUNDATION PERMIT APPROVAL	
CLOMP LOMP		PERMIT APPROVAL
CLOMR/LOMR	SO-19 APPR	
TRAFFIC CIRCULATION LAYOUT (TCL)		RMIT APPROVAL
TRAFFIC IMPACT STUDY (TIS)		PAD CERTIFICATION OR APPROVAL
EROSION & SEDIMENT CONTROL PLAN (ESC)	CLOMR/LON	
OTHER (ODECHEV)		
OTHER (SPECIFY)	PRE-DESIGN	
IS THIS A RESUBMITTAL?: Yes No	OTHER (SPI	ECIFY)
DATE SUBMITTED: 8/1/17 By:		

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: ____



Brett Rayman 10555 Montgomery NE Building 1 Suite 100 Albuquerque, NM 87111 (505) 314-5862

August 1, 2017

Meredith and Francisco Barroso 2717 La Luz Circle NE, Rio Rancho, New Mexico 87144.

Re: 13704 Elena Gallegos - Construction Plan Approval

Dear Mr. and Mrs. Barroso:

In accordance with the requirements contained in the High Desert Guidelines for Sustainability for Premier and Estate Homes (Guidelines), the members of the New Construction Committee (NCC) completed its review of your construction plans.

We are pleased to inform you that your plans for construction of a home at 13704 Elena Gallegos are approved. Further, Bohannan Huston has approved the Grading and Drainage Plan (See Attachment). You may pick up your *stamped* copy of the plans at the HOAMCO. They are with the administrative assistant at the front desk.

NEXT STEPS

Any changes to the plans approved by the NCC, either before start of construction, or during construction must be submitted and re-approved by the NCC before construction of any proposed changes begin.

In addition to construction plan drawings, the Guidelines reference several other house elements that must be submitted, reviewed, and approved by the NCC. Please refer to NCC Form – 8 Specification Sheet Requirements. This form provides a checklist of addition approvals necessary to be prepared for the final inspection. It is important that you provide manufacturer

Meredith and Francisco Barroso August 1, 2017 2 | P a g e

specification sheets and/or samples or pictures to the committee for its consideration. Samples will be returned, upon request, once a decision has been made.

In addition, please submit a Landscape Plan showing the landscape treatment of all Natural, Transition and Private Areas. These plans should be the same scale as the site plan. Indicate areas (if any) to be irrigated, names, quantities, locations and sizes of all existing and proposed plants any decorative features such as pools, imported rocks or sculptures. Also show any plans for transplanting native materials. All disturbed areas in the Transition and Natural Areas must be re-vegetated within thirty days after completion of the home. *Please ensure that your landscape architect uses the current Approved Plant list found on the High Desert website*.

Finally, you are required to have your engineer, upon completion of the home, certify that the grading and drainage construction was completed in substantial compliance with the Grading and Drainage Plan approved by the NCC before the final inspection can be conducted.

If you have questions or need further guidance, please call me at 850 766-4084.

Sincerely,

Brett Rayman

Chairman, NCC

Attachment:

Bohannan Huston letter dated July 20, 2017



July 20, 2017

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

www.bhinc.com

voice: 505.823.1000 facsimile: 505.798.7988 toll free: 800.877.5332

Mr. Brett Rayman NCC High Desert Homeowners Association Albuquerque, NM

Re: Lot 95 – Unit 3 The Highlands (13704 Elena Gallegos) Review of the Lot Specific Grading and Drainage

Dear Brett:

The above mentioned plan was reviewed per the City of Albuquerque requirement. The plan was review to verify it conforms to the High Desert Guideline for Sustainability for Estate and Premier Homes as well the approved grading and drainage report.

We have the following concerns or comments on the above referenced Grading and Drainage Plan within West Highlands Subdivision; said plan was prepared by Rio Grande Engineering; engineer's stamped dated 6-20-2017.

- 1. Please provide bench mark datum, horizontal and vertical, on the plan.corrected
- Please refer to the High Desert Guidelines for Sustainability for Estate and Premier Lots for Gentle slope grading for all tieback slope within and outside the building envelope. Site condition appear to control.
- 3. The proposed flow for Basin A and B appear to be incorrect. Please review the calculations. corrected
- 4. The calculated volumes Existing and Proposed for Basins A and B appear to be incorrect. Please review calculation. This will affect the required pond volume.
- 5. The provided pond volume for Pond A is 3 times what is required. Why is it so larger? This is providing unnecessary disturbance. Please reduce to approximately required to reduce disturbance. Ponds only need to detain not retain the developed flow. Consider reducing the pond sizes further to reduce disturbance and impact. However, there is more than enough volume and will have no impact to the drainage downstream
- On the east courtyard wall, there is an indication of a swale coming from the wall.
 Please provide an elevation and indication of a turned block or weep hole for
 drainage. noted
- 7. On the swale and pond cobble, the thickness is a minimum of 2 times the cobble size so thickness shall be 2 x 6" which is 12" not the 8" indicated. Please revise accordingly. corrected
- The north pond top elevation appears to be at 73.00 not 74.00 as indicated in the note. Please correct contours, note and volume accordingly. Clearly label contours. corrected
- 9. How is the south swale tie to slope at the bridge? It appears you are tying to the abutment\wingwall. This could cause erosion at the structure. The natural lowpoint appears to be to the east. Consider moving spillway and swale to that location to stay away for the bridge abutment. corrected

Engineering A

Spatial Data

Mr. Brett Rayman July 20, 2017 Page 2

Please label the lowest natural grade on the building footprint for reference.
 corrected

Based on the revised grading and drainage plan for the above referenced Lot stamped dated 7/18/17 by Rio Grande Engineering. It appears that all the comments have been substantially addressed in regards to the grading and drainage.

Sincerely,

Yolanda Padilla Moyer, P.E. Senior Project Manager

Community Development and Planning

YPM

cc: Scott Ashcraft, Las Ventanas

