

CITY OF ALBUQUERQUE



October 1, 2007

Daniel S. Aguirre, P.E.
Wilson & Company, Inc.
4900 Lang Ave. NE
Albuquerque, NM 87109

Re: Tierra Buena Estates, Engineer's Stamp dated 9-26-07 (C11/D2)

Dear Mr. Aguirre,

Based on the information contained in your submittal received on September 25, 2007, there are some additional items that must be addressed prior to the issuance of a Grading Permit or approval for DRB action on the proposed Preliminary Plat. Those items are as follows.

- There will be no treatment type 'A' under developed conditions. Please provide the corrected, site-specific drainage calculations for this subdivision.
- Revise the flow pattern for the northern portions of lots 7 and 9 to drain west to Vida Pacifica Ct.
- You will need to provide a drainage mechanism (sidewalk culvert etc.) for the eastern drainage easement to discharge into Rosa Parks Rd.

If you have any questions or need additional information, feel free to contact me at 924-3990.

Sincerely,

Jeremy Hoover, P.E., C.F.M.
Senior Engineer
Hydrology Section
Development and Building Services

cc: file (C11/D2)

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

CITY OF ALBUQUERQUE



October 15, 2007

Daniel S. Aguirre, P.E.
Wilson & Company, Inc.
4900 Lang Ave. NE
Albuquerque, NM 87109

Re: Tierra Buena Estates, Engineer's Stamp dated 10-8-07 (C11/D2)

Dear Mr. Aguirre,

Based on the information contained in your submittal received on October 9, 2007 along with the supplementary calculations received on October 12, the above referenced plan is approved for DRB action on the proposed Preliminary Plat. Once the plan has been approved by the DRB, please submit a mylar copy to me in order to obtain rough grading approval.

If you have any questions or need additional information, feel free to contact me at 924-3990.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeremy Hoover", is written over the typed name and title.

Jeremy Hoover, P.E., C.F.M.
Senior Engineer
Hydrology Section
Development and Building Services

cc: file (C11/D2)

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

**WILSON
& COMPANY**

4900 Lang Ave. NE
Albuquerque, NM 87109
505-348-4000
505-348-4072 Fax

Albuquerque
Colorado Springs
Denver
Fort Worth
Houston
Kansas City
Lenexa
Omaha
Pasadena
Phoenix
Rio Rancho
Salina
San Bernardino
San Diego

Wilson & Company
Latin America, LLC

08 October 2007
Mr. Jeremy Hoover, PE
Hydrology Section, City of Albuquerque
Plaza Del Sol
Albuquerque, NM 87102

C11/D2, Tierra Buena Estates Infrastructure Improvements
WCI #0760002200

Dear Jeremy:

The Grading Plan for the above referenced project has been revised to address your comments as follows:

The narrative has been revised to reflect the actual land treatments, thus eliminating any 'Type A' percentage. Additionally, site specific calculations are attached.

Per our counter discussion this week, the constraints on the eastern property line prohibit draining all lots to Vida Pacifica Ct. To address your specific concerns, we have relocated the driveways to the south of the building envelope on Lots 7 and 9 to remove the garages from the danger of flows entering from the adjacent lot on the north. Additionally, we added a 12" drain and sidewalk culvert at the intersection of the lot lines.

We have added a sidewalk culvert to drain the easement on the east property line.

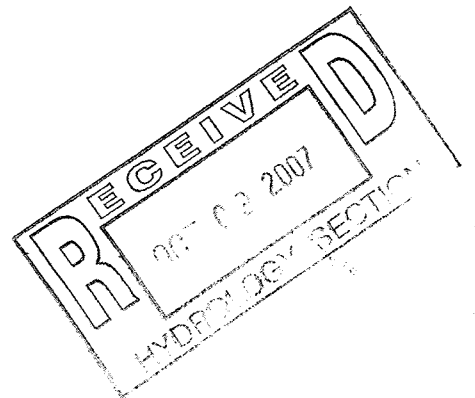
We also, at Brad's request, put a high point at the return of Valiente Drive.

If you have any further questions or comments, please let me know. Thank you for your help.

WILSON & COMPANY



Kristine Susco
Project Designer



COMP.

KIS

WILSON
& COMPANY

LOC.

FILE 07600022.00

CK.

PROJ.

TIERRA BUENA SHEET 1 OF 1
ESTATES

DATE

10-5-07

SUBJ.

Hydraulic Cables

ZON = 1 (WEST OF RIO GRANDE) TABLE A-1

AREA_T = 3.62 Ac

LAND TREATMENT

EXISTING → 100% - A

PROPOSED → 0% - A = 0

6.35 % - B = 0.23 Ac

47.8 % C = 1.73 Ac

45.8 % D = 1.66 Ac

EXISTING: $Q_p = 1.29 \times 3.62 = 4.67$ cfs
$$\text{PROPOSED: } Q_p = 0 + \underbrace{(2.03 \times .23)}_{0.47} + \underbrace{(2.87 \times 1.73)}_{4.96} + \underbrace{(4.37 \times 1.66)}_{7.25}$$

$$= 12.7 \text{ cfs}$$
