

January 15, 2007

Standard Pacific of Tucson
4578 North First Avenue
Tucson, Arizona 85718-5748

Attn: Ms. Geri Grey

**RE: Executive Summary to Geotechnical Engineering Report
Phase I Residential Development at the Pines
At the Pines Golf Course
North of Cortaro Road and West of Interstate 10
Marana, Arizona
Terracon Project No. 63045225, Addendum 8**

Terracon has completed the geotechnical engineering report for the Residential Development at the Pines (Terracon Project 63045225, dated December 8, 2004). Between June 2005 and August 2006, seven addendums to the geotechnical report were provided. Two of these addendums addressed pavement recommendations for Continental Links Drive. The remainder primarily addressed a portion of the property where fills between 7 and 27 feet deep exist. Alternative recommendations to mitigate problems arising from potential settlement of this fill were provided.

Two sets of recommendations were ultimately provided for this project. The recommendations in the original report apply to most of the site. Over most of the site loose near surface soils were encountered and minor amounts of existing fill. One isolated area showed moderately expansive soils. The recommendations provided included constructing foundations on a minimum of two feet of engineered fill. On-site soils were suitable for use as engineered fill with the exception of the isolated area having moderately expansive soils. The builder chose to use post-tensioned slab-on-ground foundations for this project. The design criteria for these foundations were provided in Addendum No. 5.

The second set of recommendations applied to the lots in the area of deep existing fills. These lots included:

Lot 1	Lot 16	Lot 73
Lot 2	Lot 17	Lot 74
Lot 3	Lot 18	Lot 75
Lot 4	Lot 19	Lot 76
Lot 5	Lot 70	Lot 77
Lot 6	Lot 71	Lot 78
Lot 15	Lot 72	Lot 115

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2

The builder also chose to use post-tensioned slab-on-ground foundations for these lots. However, the recommendations for these lots included a minimum of 4 feet of engineered fill below foundations. The design criteria for these foundations included higher estimates of potential settlement than in the other areas of the site. The design criteria for these lots was also provided in Addendum No. 5.

Separately, Terracon has provided earthwork monitoring and compaction testing services between September 2005 and October 2006 (Terracon Project No. 63051226).

If you have any questions regarding this letter please contact us.

Sincerely,

TERRACON



Oleg B. Lysyj, P.E.
Principal

Copies: Addressee (3)