

## Emily Noeth

---

**From:** Hirohata, Fillmore <Fillmore.Hirohata@mdch.com>  
**Sent:** Monday, October 05, 2015 11:04 AM  
**To:** [REDACTED]  
**Cc:** Gaulin, James; Morris Reyna; Bartlett, Lori  
**Subject:** The Pines

[REDACTED]

[REDACTED]

Commencing Wednesday, October 7, 2015 there will be a crew on site to camera your house sewer connection as a precursor to the initiation of the injection grouting process, which is scheduled to begin on Monday, October 12, 2015. The injection grouting work will be coordinated with the street and curb work the Town of Marana will be performing during the same timeframe.

The injection grouting process is a low mobility grout that is injected into the soil to densify and strengthen the soil by displacement. Injection holes will be placed on an approximate grid 8' to 10' throughout the areas of concern. The depth of the injection will vary from 26' to 30', averaging 25'. This process will take approximately 2 ½ days per residence, thus the injection crew will be on site for approximately 3 to 4 weeks. Geotechnical testing will run during each step of the process by a registered engineer to ensure proper procedures are being followed and materials are up to required standards.

Follow up work will include sidewalk and driveway demo and replacement where needed, front yard re-grading/clean-up, and landscape/irrigation replacement. This front yard work will take approximately 4 to 5 days per residence of a 3 to 4 week timeframe. We hope to schedule this work in concert with the above referenced injection grouting, however the timing and scheduling will be determined once the injection grouting work has commenced.

On behalf of Richmond American Homes we thank you for your patience these past months during the investigative testing period, contractor qualifying/selection and now the actual execution of the work to final landscaping.

My very best,

Fil Hirohata

**Fillmore K. Hirohata**  
**Vice President of Land Development Arizona**  
**Richmond American Homes**  
**16427 N. Scottsdale Road, Suite 175**  
**Scottsdale, AZ 85254**  
**(602) 522-4725 – Office**  
[REDACTED]  
[fillmore.hirohata@mdch.com](mailto:fillmore.hirohata@mdch.com)