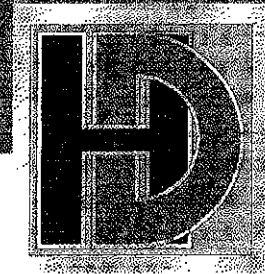


HD Engineering & Design, Inc.

Solutions For All Your Engineering and Design Needs

**RECEIVED**

December 1, 2014

DEC 1 2014

RM Standard & Co.
11233 Nail Avenue
Suite 130
Leawood, Kansas 66211

CRISTINA B. BART
COMMUNICATIONS

Re: 513 NE Promised View Dr.

Our firm was asked to evaluate the soil for the excavation taking place 513 NE Promised View Dr. in Lee's Summit, MO. At the time of our inspection the site was at proposed sub-grade.

OBSERVATION

- The site terminates on several different elevations, and the majority of the site terminates on a layer of limestone and original bedrock.
- The site has a drain pipe that runs diagonally from the northwest to the southeast and is broken at the rear center of the house. It appears that this drain pipe may be connected from the street inlet to an area of rip-rap to the southeast of the proposed house.
- Portions of the northeast corner of the site terminate on clay over the bedrock.

RECOMMENDATIONS

Our firm recommends removing the drain line under the entire house and verifying that the inlet is removed/terminated or that the drain line is properly abandoned. At the northeast corner of the site we recommend taking the site down to the bedrock. Across the rest of the site our firm recommends removing small portions of clay over the original bedrock.

This report has been prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted engineering practices. No warranties, either express or implied, are intended or made.

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding this report, please contact us.

Very truly yours,
HD ENGINEERING & DESIGN, INC.

Chris Saathoff, P.E., LEED-AP

