



Shadow Mt. Homes don@shadowbuilt.com

7-1-2020

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PROPOSED WATER DRAINAGE for the crawlspace at 19055 N. Eaglestone Pl. Garden City, Idaho Ness, LLC is an IICRC council certified Mold Remediation Contractor, licensed, bonded, and insured with mold and environmental pollution endorsements

As requested, we have provided a bid for a partial drain system on the back portion of the crawlspace. We recommended a full drain system so we will only warranty the area where the partial system will be installed. We cannot guarantee that there will not be area of future intrusion in the rest of the crawlspace, as conditions change. There did not appear to be any visible mold in the areas we inspected, at this time, but the view was limited due to standing water. If any microbial growth is discovered during the installation, you will be informed and we will provide a bid for remediation. We will install a vapor barrier apron above the system.

<u>Part 1: Partial Drainage</u> (Digline will be contacted to mark all utilities)

- 1. All access to crawlspace surfaces will be protected by plastic sheeting during work.
- **2.** Preliminary digging and pumping to remove excess water, as needed.
- **3.** Negative air machine used for the crawlspace during work and for dry down.
- **4**. Additional fans will be installed for dry down, as needed.
- **5.** Clear foundation vents of any insulation that may be blocking air flow.

Part 2:

- **1.** Install a fabric lined graded drain system below the bottom of the footings on the perimeter in the back of the crawlspace and approx. 10 ft up both sides from the back corners.
- 2. Drain in crawlspace will collect into a sump tank. The sump tank will be in the back middle area.

<u>Part 3:</u> Install sump pump into tank with insulated lid in the appropriate determined area. Sump will discharge through a drain line to a dispersal bed towards a landscaped area that will be determined onsite. (The sump pump discharge line will not be visible from the outside of the house. Installation of electrical outlet with audible alarm and manual shut-off included.)

Total Labor & Materials Parts 1-3 = \$3380.78

<u>Part 4:</u> Remove and dispose of misc. debris and building materials in the system area. Cut and peel back existing vapor barrier and install a vapor barrier apron on the perimeter of the system area. Apron will be pulled up onto the footings, where possible.

ADD to Total = \$275.00

Note: If signed within 24 hours, your estimated start date will be July 27th.

>> To be paid in full upon completion << >> 3% charge on credit card transactions <<	
Parts 1-3 Accepted by:	Date
Part 4 Accepted by:	Date
Print Name:	

Douglas A. Ness (CMRS) -Idaho Contractor Registration# RCE-481