



Ness LLC

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PROPOSED WATER DRAINAGE for the Crawlspace at 2937 W. Sandalwood St. Meridian (Work Order No. 29403-003)

As requested, we inspected the crawlspace for standing water. Based on the visual evidence that there is a history of seasonal water intrusion and standing water in various areas, a drain system is recommended. There did not appear to be any visible microbial growth, at this time, but the view was limited. If any microbial growth is discovered, while the recommended work is performed, you will be informed immediately and a bid will be provided for remediation. We observed a large voided area around the sewer line that will need to be backfilled and compacted. The vapor barrier is in poor condition and will need to be replaced.

Part 1: Drainage (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 along the entire interior perimeter of the crawlspace except for behind the garage and the main entrance.
2. Drain in crawlspace will collect into a sump tank located in the back of the crawlspace.

Part 3: 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 = \$4,506.54

Part 4: Haul bagged soil into the crawlspace to backfill voided area around the sewer line exit point. This will be compacted and graded towards the system. **ADD to Total = \$215.08**

Part 5: Remove and dispose of old vapor barrier, miscellaneous debris, and building materials. Install new 6 mil. plastic in the entire crawlspace and pull up onto the footings, where possible. **ADD to Total = \$684.12**

*>> To be paid in full upon completion <<
>> 3% charge on credit card transactions <<*

Parts 1-3 Accepted by: _____ **Date** _____

Part 4 Accepted by: _____ **Date** _____

Part 5 Accepted by: _____ **Date** _____

Please print name: _____

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

Ness, LLC gives a **10 Year Warranty** on sump pump, drain system for no standing water (as per signed contract) on the crawlspace floor where drain was installed from ground water seepage, and rain/snow. This Warranty is Transferable to new home buyer within warranty period. Drainage Warranty excludes water standing on the crawlspace floor from flooding that is not part of ground water seepage from irrigation or rain or due to, interior home appliances or plumbing leaks. Furthermore, Ness, LLC is not responsible for any future landscape changes that may disrupt the system. A Service Charge applies for non-warranty issues. **Work under this proposal is limited to the items listed. Any additional work will need to be outlined and set out by a separate contract, or have the contract amended and signed to reflect any additional work desired.**