Ness LLC

1315 W. Orchard Ave, Nampa, ID 83651
phone 208.466.7594 - fax 208.461.9505 - RCE-481
email: doug@nessllc.com - www.nessllc.com

Pat Ullman, 206-679-5660
Heroncove208@gmail.com

6-16-2021

PROPOSED Drainage #913, 998 E. Riverpark Ln. Boise, Idaho 83706

There is an apparent clay layer of soil that is not allowing water to drain and creating standing water. We would recommend installing a partial interior drain system in the crawlspace that will drain to a drywell on the exterior of the foundation by the patio window. We will also install a surface drain on either side of the drywell in the yard that will direct seasonal water to the drywell where it will dissipate into drainable soils. There did not appear to be any visible mold during our inspection however, if any microbial growth is discovered during the drain install you will be notified immediately. We did observe a toilet leak that will encourage mold growth if not repaired. We suggest consulting a licensed plumbing professional for repair.

When we start, the existing conditions of the landscape will be photo documented for current conditions of surfaces where our project will take place. Please note: There may be discovery, once excavation is performed, that is beyond this scope of work. At that time, all work will stop until a change order is drawn up and signed.

Part 1: Drainage: Partial System in Crawlspace

1. (Digline will be contacted to mark all utilities)
2. All access to crawlspace surfaces will be protected by plastic sheeting during work.
3. Preliminary digging and pumping to remove excess water, as needed.
4. Negative air machine used for the crawlspace during work and for dry down.
5. Additional equipment will be installed for dry down, as needed.
6. Clear air vents of any insulation that may be blocking air flow.

Part 2: Interior Trenching

1. Install a lined drain system below the bottom of the footings along the interior perimeter of the crawlspace behind the patio windows.
2. System will be graded to positively drain into a drywell located on the exterior of the foundation in front of the patio windows.

Part 3: Install Drywell on the exterior of the foundation by the patio window. Graded trenching will be connected to drywell.

1. Digline will be contacted to mark utilities.
2. We will dig two surface trenches on the exterior lawn in front of the patio windows.
3. Trenches will be approx. 12 in. deep and lined before installing perforated pipe.
4. Perforated pipe to be secured with landscaping cinders and sandy soil.
5. Connect trenching to drywell: See attached illustration for reference
    i. Excavate pit down to drainable soils or 9 ft deep
    ii. Line pit with fabric and install access pipe.
    iii. Backfill with rock
    iv. Lid to be installed on pipe at the surface for easy access
6. Ness is not responsible for any landscaping except for the gravel and soil in the trench. Owner will be responsible for replacing sod, as needed.
7. Haul away excess soil and sod, if not needed.

Total Materials & Labor Parts 1-3: $4,148.20

Part 4: Remove and dispose of old vapor barrier, miscellaneous debris, and building materials in the front area we are trenching. Install new 6 mil. vapor barrier in the crawlspace where removed area and pull up onto the footings, where possible.

Total Labor & Materials Part 4: $521.08

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.

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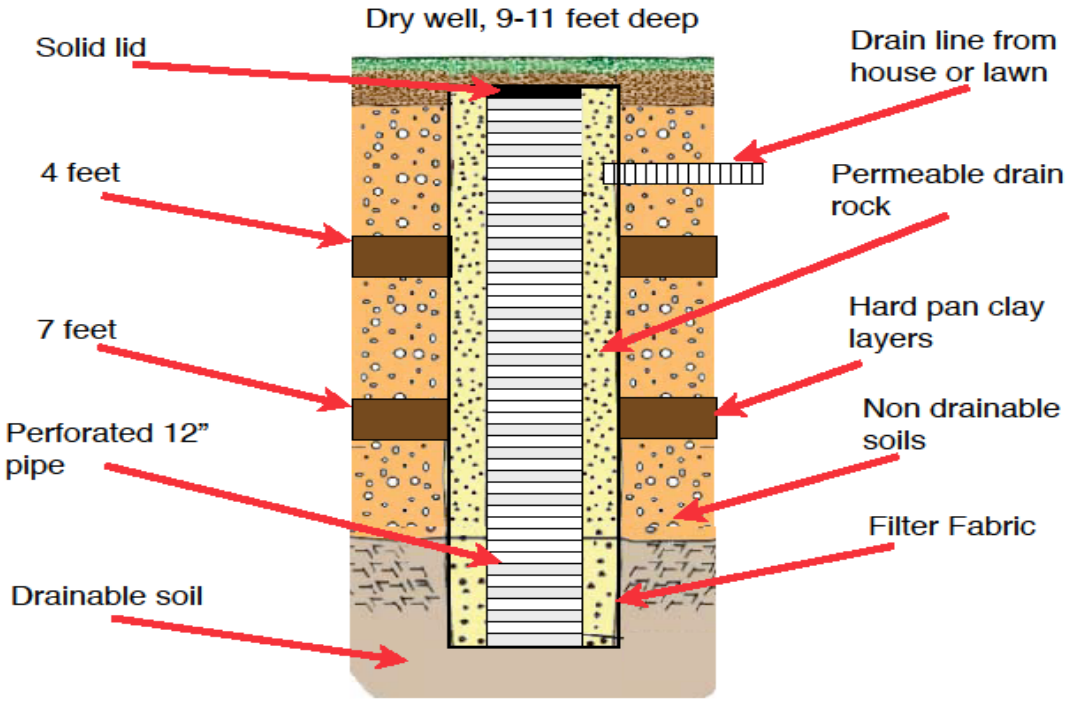

50% down and 50% paid upon completion
>> 3.5% charge on credit card transactions <<

Parts 1-3 Accepted by: _____ _____ Date _____

Part 4 Accepted by: _____ Date _____

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