

CLASS IVB SOILS CERTIFICATION

The following certification statement is to be placed on the plan,
signed and sealed by a professional authorized by the state to provide such information.

The lot depicted on this infill lot grading plan contains Class IVB soils.

1. Problem Class III and Class IVA soils have not been mapped on the property.
2. The project does not require sheeting and shoring, retaining walls over 6 feet high, pile foundations, geopiers, mat foundation or ground modification such as dynamic compaction, stone columns, vibra compaction, chemical stabilization, etc.
3. Geotechnical reports are not required under any other county regulation or building code.
4. The maximum depth of existing disturbed land on the property is less than 5 feet.
5. Footings and floor slabs will be supported on competent natural soils.
6. The existing slopes on the property are not steeper than 3:1 (horizontal:vertical) OR The existing slopes are steeper than 3:1 (horizontal:vertical) and the county geotechnical review engineer has been contacted. Evaluation of the slopes may be required depending on the proposed house location.
7. The structure is located at least 15 feet from the top of any 3:1 (horizontal:vertical) or steeper slope and the influence zone of house footings does not intercept with any slope. The influence zone of a footing is defined as the area beneath a 45-degree line extending outward and downward from footing exterior edge.
8. The foundation drain details are included on the plans.

I hereby certify that:

Each of the above requirements has been met and that all field reviews necessary to evaluate these requirements have been performed.

Signature: _____ Date: _____

Name: _____ VA license #: _____

Seal