



# Geotechnical Inspection Schedule

*2015 IBC*

Project: \_\_\_\_\_ Permit: \_\_\_\_\_

Address: \_\_\_\_\_ Date: \_\_\_\_\_

Testing Agency: \_\_\_\_\_ Phone: \_\_\_\_\_

## Pre-Construction Meeting Instructions

- Contact the City of Bellevue clearing & grading inspector in advance of any work noted below.
- Contact the building inspector in advance if work is being done under a building permit.
- It is the responsibility of the owner or owner’s designee to notify the geotechnical engineer and schedule a clearing & grading inspection in a timely manner.
- Copies of all inspection reports must be posted on site and summary letters submitted to: Building Inspection Supervisor, c/o Development Services, 450 110th Ave. NE, P.O. Box 90012, Bellevue, WA 98009-9012.
- Unresolved non-conformances must be brought to the immediate attention of the City of Bellevue’s clearing & grading inspector.

## A Pre-Construction Meeting is Required For:

- Soil Bearing Pressure (IBC Table 1705.6)
- Excavation (IBC Table 1705.6)
- Structural Fill Material & Compaction (IBC Table 1705.6)
- Backfill Material, Compaction, Wall & Rockery Stability (IBC Table 1705.6)
- Subgrade Preparation (IBC Table 1705.6)
- Footing & Foundation Wall Drainage Verification (IBC 1705.1.1)
- Shoring Installation & Monitoring (IBC 1705.1.1)
- Soil Nail Installation & Testing (IBC 1705.1.1)
- Tieback Installation and Testing (IBC 1705.1.1)
- Driven Deep Foundation Elements: Timber, Steel, Precast, etc. (IBC Table 1705.7)
- Cast-in-Place Deep Foundation Elements: (IBC Table 1705.8)
- Helical Pile Foundations (IBC 1705.9)
- Other: Temporary Drainage Installation: \_\_\_\_\_

**TABLE 1705.6  
REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS**

<b>TYPE</b>	<b>CONTINUOUS SPECIAL INSPECTION</b>	<b>PERIODIC SPECIAL INSPECTION</b>
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	—	X
2. Verify excavations are extended to proper depth and have reached proper material.	—	X
3. Perform classification and testing of compacted fill materials.	—	X
4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	X	—
5. Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.	—	X

**TABLE 1705.8  
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CAST-IN-PLACE DEEP FOUNDATION ELEMENTS**

<b>TYPE</b>	<b>CONTINUOUS SPECIAL INSPECTION</b>	<b>PERIODIC SPECIAL INSPECTION</b>
1. Inspect drilling operations and maintain complete and accurate records for each element.	X	—
2. Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end-bearing strata capacity. Record concrete or grout volumes.	X	—
3. For concrete elements, perform tests and additional special inspections in accordance with Section 1705.3.	—	—

**TABLE 1705.7  
REQUIRED SPECIAL INSPECTIONS AND TESTS OF DRIVEN DEEP FOUNDATION  
ELEMENTS**

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. Verify element materials, sizes and lengths comply with the requirements.	X	—
2. Determine capacities of test elements and conduct additional load tests, as required.	X	—
3. Inspect driving operations and maintain complete and accurate records for each element.	X	—
4. Verify placement locations and plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and document any damage to foundation element.	X	—
5. For steel elements, perform additional special inspections in accordance with Section 1705.2.	—	—
6. For concrete elements and concrete-filled elements, perform tests and additional special inspections in accordance with Section 1705.3.	—	—
7. For specialty elements, perform additional inspections as determined by the registered design professional in responsible charge.	—	—