



# Chesterfield County, Virginia Department of Building Inspection

9800 Government Center Parkway – P.O. Box 40 – Chesterfield, VA 23832-0040

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Ron Clements  
Building Official

## STATEMENT OF SPECIAL INSPECTIONS (updated 12-07-18)

In accordance with the International Building Code Chapter 17

<b>Project Name:</b> (Required)
<b>Project Address:</b> (Required)
<b>General Contractor:</b> (Fill in if known)
<b>Permit Number:</b> (Fill in if known)

### Registered Design Professional in Responsible Charge

Per the Virginia Uniform Statewide Building Code, Virginia Construction Code (VUSBC) the Registered Design Professional in Responsible Charge must prepare the statement of special inspections. The Registered Design Professional in Responsible Charge shall be responsible for:

Preparing this statement of special inspections per VUSBC 1704;

Verification of fabricator's in plant quality control processes per VCC 1704.2.5.1 and 1705.2 for in plant fabricated structural assemblies when in plant special inspections specific to this project will not be performed;

Verifying that the inspections and testing agencies and individuals listed in the attached schedule are qualified in accordance with the VUSBC to conduct the test or inspections that they are assigned;

Submitting reports of any discrepancies discovered during the construction process that were not corrected by the contractor prior to completion of that phase of work;

Submitting a final report of special inspections, at completion of the special inspection process for the job, documenting completion of the required special inspections and correction of any discrepancies discovered;

Review, coordination and confirmation that the work inspected was done in conformance to approved construction documents.

### Registered Design Professional in Responsible Charge (Required)

I am the designated Registered Design Professional in Responsible Charge for this project and accept the responsibilities outlined above.

<b>Name:</b> (Required)
<b>Firm:</b> (Optional)
<b>Signature:</b> (Required)
<b>Date:</b> (Required)



**STATEMENT OF SPECIAL INSPECTIONS  
 SCHEDULE OF FIRMS OR INDIVIDUALS  
 PERFORMING PROFESSIONAL SERVICES, TESTING AND INSPECTIONS  
 (COMPLETION OF THIS PAGE IS OPTIONAL)**

<b>PROFESSIONAL SERVICES, TESTING AND INSPECTION AGENTS</b>	
	Please enter the Firm(s) or individual(s): name, address, and telephone number
Agent #1	
Agent #2	
Agent #3	
Agent #4	

**STATEMENT OF SPECIAL INSPECTIONS**  
**SCHEDULE OF SERVICES, INSPECTIONS AND TESTS**  
In accordance with the International Building Code Chapter 17 (2015 edition)

**Specify the inspections, materials testing or services that will be performed by checking the box to the left of each row title. Space is provided in each section to list additional services that may be provided.**

**Inspection of fabricators 1704.2.5.**

Inspection of items fabricated off-site in a fabricators shop. If not checked, the registered design professional in responsible charge must verify that the fabricator has written quality control manuals and periodic auditing of fabrication process by an approved agency in accordance with VCC section 1704.2.5.1. Additional services may be listed below or attached:

**Steel construction 1705.2.**

Inspections for steel elements of buildings and structures including off-site fabrication, steel frame and framing details, welding, high-strength bolts and items listed in VCC table 1705.2.2. Inspection frequency shall be in accordance with VCC table 1705.2.2. Additional services may be listed below or attached:

**Concrete construction 1705.3.**

Inspection and testing of concrete construction as required and detailed by VCC table 1705.3 and VCC chapter 19 including reinforcing steel, post tension slabs, anchor bolts, concrete mix, curing, placement, pre-stressing, formwork, materials, grouting and strength. Inspection frequency shall be in accordance with VCC table 1705.3. A Chesterfield County inspector must inspect all concrete slab preparations prior to placement of concrete. Additional services may be listed below or attached:

**Concrete strength testing ACI 318: 5.6.**

Concrete strength testing is required when the total volume of a given class of concrete placed is 50 cubic yards or greater, even if concrete construction is exempted from special inspections per the exemptions to VCC section 1705.12. Concrete testing involves taking concrete samples, molding cylinders, curing and testing the concrete samples in accordance with the procedures specified in ACI 318: 5.6. Additional services may be listed below or attached:

**Masonry Construction 1705.4.**

Inspections and frequency of inspections of masonry construction are required and detailed by TMS 402/ACI 530/ASCE 5 and TMS 602/ACI 530/ASCE 6. Empirically designed masonry structures per VCC section 2109, 2110 or Chapter 14, respectively that are classified as Risk Category I, II or III and prescriptively constructed foundations per VCC section 1807.1.6 are exempt per section 1705.4. Additional services may be listed below or attached:

**Wood Construction 1705.5.**

In plant inspection of fabricated wood structural assemblies in accordance with VCC section 1704.2.5 and/or field inspection of high load diaphragms. Additional services may be listed below or attached:

**Metal-plate-connected wood trusses 1705.5.2.**

Inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing are in accordance with approved truss submittal package as required per VCC section 2303.4.1.3.

**Soils/Footing inspections 1705.6.**

Footing inspections are required to evaluate existing site soil conditions, fill placement and load-bearing requirements in accordance with VCC table 1705.6 and the site-specific soils report for the project. Footing inspections to include: footing location, excavation depth and width, bearing capacity, reinforcing steel size and placement, anchor bolts, and hairpins as applicable. Inspection frequency shall be in accordance with VCC table 1705.6. Additional services may be listed below or attached:

**Concrete Encased Grounding Electrode**

2014 National Electric Code Section 250.52 (A)(3)

Grounding electrode installation and bond to the footing reinforcing steel. **If this inspection is not performed by the special inspector a Chesterfield County inspector must perform this inspection prior to placement of concrete.**

**Driven deep foundations 1705.7.**

Inspection and testing of Driven deep foundation systems in accordance with VCC table 1705.7 and the site-specific soils report for the project. Inspection frequency shall be in accordance with VCC table 1705.7. Additional services may be listed below or attached:

**Cast-in-place deep foundation 1705.8.**

Inspection and testing of Cast-in-place foundation systems in accordance with VCC table 1705.8 and the site-specific soils report for the project. Inspection frequency shall be in accordance with VCC table 1705.8. Additional services may be listed below or attached:

**Helical pile foundations 1705.9.**

Inspection continuously performed during installation with site-specific soils report and approved construction documents for the project.

**Sprayed fire-resistant materials/Mastic and Intumescent fire-resistant coatings 1705.14 & 1705.15.**

Inspection of fire resistive materials sprayed onto structural framing members including surface preparation, application, temperature, material thickness, density and bond strength. Mastic and intumescent fire-resistant coatings must be inspected per AWCI 12-B. A Chesterfield County inspector must inspect all structural elements protected with sprayed fire-resistive materials prior to concealment. Additional services may be listed below or attached:

**Exterior insulation and finish systems (EIFS) 1705.16.**

Inspection of non-drainable EIFS installation application in accordance with the manufacturer's installation instructions. Additional services may be listed below or attached:

**Water- resistive barrier coating 1705.16.1.**

Inspection of water-resistive barrier coating complying with (ASTM E 2570) installed over a sheathing substrate.

**Special Cases 1705.1.1.**

Inspection of unusual or special structural materials, methods or systems that is determined on a case by case basis due to the uniqueness, complexity or proprietary nature of the materials, methods or systems. Specific details and inspections shall be listed below or attached:

**Special inspection for smoke control 1705.18.**

Inspection of smoke control systems, components and installation to include leakage testing, recording device locations, pressure differential testing, flow measurements, air balancing, detection and control verification. Specific details and inspections shall be listed below or attached:

Other-

This area is provided for services not addressed in a standard section of this form. List below or attach:

**Seismic design category C or higher buildings addendum**

**DO NOT SUBMIT THIS PAGE FOR BUILDINGS OF SEISMIC DESIGN CATEGORY A OR B!**

If the building is seismic design category C or higher, additional inspections, tests, a Statement of Contractor Responsibility and observations may be required. The majority of structures built in Chesterfield County Virginia are seismic design category A or B and the items addressed on this page are not applicable. If the building is seismic design category C or higher provide:

Seismic resistance inspections for category C or higher

VCC sections 1704.3.2 and 1705.12. (ATTACH Complete list)

Seismic resistance testing for category C or higher

VCC sections 1705.13 through 1705.13.4 (ATTACH Complete list)

Structural Observations for category D or higher

Structural observations per VCC Section 1704.6 for structures assigned seismic design category D, E or F.

Contractor Statement of Responsibility VCC section 1704.4.  
(ATTACH Statement)

Additional services may be attached.