



# STATEMENT OF SPECIAL INSPECTIONS

COUNTY OF HANOVER, VIRGINIA  
 BUILDING INSPECTORS OFFICE  
 7516 COUNTY COMPLEX RD \* HANOVER, VA 23069  
 P.O. BOX 470 \* HANOVER, VA 23069-0470  
 hanovercounty.gov/211/Building-Inspectors-Office  
 PHONE (804) 365-6040 \* FAX (804) 365-6247

November 20, 2017

BUILDING PERMIT NUMBER:		DATE:
PROJECT:		
ADDRESS:		
VUSBC Edition: _____ Use Group: _____ Construction Type: _____		
<b>BUILDING OWNER</b>	NAME: _____	SIGNATURE: _____ DATE: _____
	COMPANY: _____	
	EMAIL: _____	PHONE: _____
<b>ARCHITECT OF RECORD</b>	NAME: _____	SIGNATURE: _____ DATE: _____
	COMPANY: _____ LICENSE NO: _____	
	EMAIL: _____	PHONE: _____
<b>STRUCTURAL ENGINEER OF RECORD</b>	NAME: _____	SIGNATURE: _____ DATE: _____
	COMPANY: _____ LICENSE NO: _____	
	EMAIL: _____	PHONE: _____
<b>SPECIAL INSPECTIONS ENGINEER OF RECORD</b>	NAME: _____	SIGNATURE: _____ DATE: _____
	COMPANY: _____ LICENSE NO: _____	
	EMAIL: _____	PHONE: _____

This statement of *Special Inspections* is submitted as a condition for permit issuance in accordance with the Virginia Uniform Statewide Building Code. It includes a schedule of special inspections applicable to this project.

The *Special Inspections Engineer of Record* shall keep records of the specified special inspections and testing and shall furnish copies of inspection and testing reports to the Hanover County Department of Building Inspections and to the appropriate registered design professionals of record. Discrepancies from the approved plans and specifications and code violations observed during the conduct of special inspections services shall be brought to the immediate attention of the Contractor for correction, to the attention of Hanover County Department of Building Inspections, and to the appropriate registered design professionals of record. A *Final Report of Special Inspections* documenting completion of specified special inspections, correction of any discrepancies, and observed code violations noted in the inspection and testing reports shall be submitted to and approved by Hanover County Department of Building Inspections prior to the issuance of a Certificate of Occupancy.

<hr style="width: 80%; margin: 0 auto;"/> <p>VIRGINIA RDP SEAL OF SI PREPARER</p>	<p><b>BUILDING OFFICIAL'S ACCEPTANCE:</b></p> <p>_____</p> <p style="text-align: center;">SIGNATURE</p> <p>_____</p> <p style="text-align: center;">PRINTED NAME</p> <p>_____</p> <p style="text-align: center;">DATE</p>
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# Hanover County Statement of Special Inspections

Construction Item	Required (Y/N)	Cont. (✓)	Periodic (✓)	Insp. Agent (1, 2, and/or 3)	Date Completed
<b>Steel Construction (1705.2)</b>					
<b>1. Inspection of fabricators</b>					
a. Special inspection of fabricated items					
b. Fabrication Quality Assurance program					
<b>2. Prior to welding</b>					
a. Welding Procedure Specifications (WPS) review					
b. Welder qualifications					
c. Weld preparation					
<b>3. Weld execution</b>					
a. Use of qualified welders					
b. Welding Procedure Specifications followed					
c. Inspection of welds					
<b>4. Manufacturer's bolt material certifications</b>					
<b>5. Bolt installation</b>					
<b>6. Composite construction inspection</b>					
a. Installation of steel deck					
b. Installation of steel headed studs					
<b>7. Framing inspections</b>					
a. Prefabricated steel frames					
b. Placement of anchor rods and other embedments					
c. Erected steel for compliance with construction documents, including braces, stiffeners, member locations and appropriate joint details at each connection					
<b>Steel Construction Other than Structural Steel (1705.2.2)</b>					
<b>1. Material verification</b>					
a. Cold-formed steel deck					
b. Light gage metal framing					
c. Open web steel joists					
<b>2. Inspection of installation</b>					
a. Cold-formed steel deck					
b. Light gage metal framing					
c. Open web steel joists					
<b>Concrete Construction (1705.3)</b>					
<b>1. Reinforcing steel including pre-stressing tendons</b>					
<b>2. Anchors cast in concrete</b>					
<b>3. Anchors post-installed in hardened concrete members</b>					
<b>4. Verify design mixes</b>					
<b>5. Concrete and shotcrete placement</b>					
a. Formwork					
b. Placing procedures					
<b>6. Concrete sampling</b>					
<b>7. Concrete curing</b>					
<b>8. Concrete strength</b>					
<b>9. Pre-stressed/post-tensioned concrete</b>					
a. Pre-stressing forces					
b. Grouting of bonded pre-stressing tendons					
c. Concrete strength, prior to post-tensioning and/or prior to form removal					
<b>10. Erection of precast concrete members</b>					
<b>11. Concrete piles</b>					
<b>12. Caissons/Drilled piers</b>					

# Hanover County Statement of Special Inspections

Construction Item	Required (Y/N)	Cont. (✓)	Periodic (✓)	Insp. Agent (1, 2, and/or 3)	Date Completed
<b>Masonry Construction (1705.4)</b>					
1. Empirically designed masonry, glass unit masonry and/or masonry veneer for Risk Category IV					
2. Designed masonry					
a. Materials and installation Masonry units Reinforcing steel Anchors and ties Mortar Grout					
b. Masonry strength					
c. Additional inspections for Risk Category IV					
<b>Wood Construction (1705.5)</b>					
1. Prefabricated wood structural elements and assemblies					
2. High-load diaphragms					
a. Materials					
b. Installation					
3. Metal-plate-connected wood trusses spanning 60 feet or greater					
<b>Soils (1705.6)</b>					
1. Site preparation					
2. Foundation subgrade and bearing capacity					
3. Compaction testing of fill materials					
4. Materials and placement of backfill including drainage for retaining walls					
<b>Driven Deep Foundations (1705.7)</b>					
1. Materials, sizes and lengths					
2. Capacities of test elements					
3. Driving operations including complete and accurate records for each element					
4. Specialty elements					
<b>Cast-in-Place Deep Foundations (1705.8)</b>					
1. Drilling operations including complete and accurate records for each element					
<b>Specialty Pile Foundations (1705.9)</b>					
1. Installation equipment used, pile dimensions, tip elevations, final depth, installation torque or force, and other pertinent installation data					
<b>Special Inspections for Wind Resistance (1705.10) (Risk Category III &amp; IV Buildings)</b>					
1. Structural wood					
a. Field gluing of MWFRS elements					
b. Fastening of MWFRS components					
2. Cold-formed light-frame steel					
a. Welding of MWFRS elements					
b. Fastening of MWFRS components					
3. Wind resisting components					
a. Roof cladding					
b. Wall cladding					

# Hanover County Statement of Special Inspections

Construction Item	Required (Y/N)	Cont. (✓)	Periodic (✓)	Insp. Agent (1, 2, and/or 3)	Date Completed
<b>Special Inspections for Seismic Resistance (1705.11) (Seismic Design Category C Unless Noted Otherwise)</b>					
1. Structural steel Quality Assurance					
2. Structural wood					
a. Field gluing operations of SFRS elements					
b. Fastening of SFRS components					
3. Cold-formed light-gage steel construction					
a. Welding of SFRS elements					
b. Fastening of SFRS components					
4. Certification of nonstructural seismic systems					
5. Mechanical and electrical components installation and anchorage					
a. Electrical equipment for emergency and standby power systems					
b. Piping systems and associated mechanical units designed to carry hazardous materials					
c. Ductwork that carry hazardous materials					
d. Vibration isolation systems					
6. Seismic isolation systems					
7. Concrete special moment frame reinforcing (Seismic Design Categories B and C)					
<b>Sprayed Fire-Resistant Materials (1705.13)</b>					
<b>Mastic and Intumescent Fire-Resistant Coatings (1705.14)</b>					
<b>Exterior Insulation and Finish Systems (EIFS) (1705.15)</b>					
<b>Smoke Control Systems (1705.17)</b>					

## INSPECTIONS AGENTS

<b>SPECIAL INSPECTOR AGENT #1</b>	FIRM:
	ADDRESS: <span style="float: right;">PHONE:</span>
<b>SPECIAL INSPECTOR AGENT #2</b>	FIRM:
	ADDRESS: <span style="float: right;">PHONE:</span>
<b>SPECIAL INSPECTOR AGENT #3</b>	FIRM:
	ADDRESS: <span style="float: right;">PHONE:</span>
<b>TESTING LABORATORY</b>	FIRM:
	ADDRESS: <span style="float: right;">PHONE:</span>
<b>TESTING LABORATORY</b>	FIRM:
	ADDRESS: <span style="float: right;">PHONE:</span>

**Notes:**

- The qualifications of the Special Inspector and Testing Laboratories are subject to the approval of the Building Official.
- Inspection of quality control procedures required only if fabricators are not regularly inspected by an independent inspection agency.



# FINAL REPORT OF SPECIAL INSPECTIONS

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PHONE (804) 365-6040 \* FAX (804) 365-6247

November 20, 2017

<b>BUILDING PERMIT NUMBER:</b>	<b>DATE:</b>
<b>PROJECT:</b>	
<b>ADDRESS:</b>	
Inspection reports dated _____ to _____ and test reports dated _____ to _____, all submitted prior to this Final Report, form a basis for and are considered to be an integral part of this final report.	
The special inspections specified for this project and itemized in the Statement of Special Inspections submitted for its permit have been completed. The building elements subject to special inspections have been found to be in compliance with County-approved documents and project specifications. Violations of the Virginia Uniform Statewide Building Code observed in the conduct of special inspections services were brought to the attention of the appropriate registered design professional of record, the County, and the Owner for resolutions which were approved by the County.	

**Submitted by Special Inspections Engineer of Record:**

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
DATE

**Reviewed by Registered Design Professional of Record:**

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
DATE

**Accepted by Building Official or Designee:**

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SPECIAL INSPECTOR (RDP)  
SEAL