

Frederick County Department of Inspections

Commercial Plans Examiner
107 N Kent Street, Winchester, Virginia 22601
tele: 540 665-5650 fax 540 678-0682

PN#

Building Official Approval_____

Date: _____

Special inspections are required by USBC, Sec 111.2. and shall be made in accordance with Section 1704 of the Virginia Building Code (Chap 17 excerpts on back of this form) (USBC 1704.2 requires approval of listed agencies by the Register Design Professional of record) all fees and cost related to the performance of Special professional services shall be responsibility of the owner (USBC, Sec 111.2)

Required

(Cont) Continuous Inspections

(P) Periodic Inspections

**CONSTRUCTION MEETING TO BE
SCHEDULED AT TIME OF PICKUP**

Soil Testing (1705.6)

- Control Fill-materials,density,lifts (Cont)
Bearing Capacity (P)

Concrete Construction (1705.3)

- | | |
|--|--|
| | Footings >3 Stories (P) |
| | Footings >2500 psi (P) |
| | Structural Slab (P) |
| | Bearing Slab (P) |
| | Tilt Up Walls (P) |
| | Precast Walls (P) |
| | Cast in Place Walls (P) |
| | Concrete Reinforcement 1705.3 (P) |
| | Inspect anchors |
| | Concrete Testing/Shotcrete (1705.3) (Cont) |

Steel Erection (1705.2)

- | | |
|--------------------------|--|
| <input type="checkbox"/> | Structural Steel (1705.12.1) (P) |
| <input type="checkbox"/> | Material Verification (P) |
| <input type="checkbox"/> | Shear (Cont) |
| <input type="checkbox"/> | Light Gauge Bearing (1705.11.2) (P) |
| <input type="checkbox"/> | Cold-formed Steel Deck (P) |
| <input type="checkbox"/> | Open-web Steel Joists and Joist Girder (p) |

Bolt Test (2204.2)

- | | |
|--------------------------|-------------------------|
| <input type="checkbox"/> | Torque Check or TC Bolt |
| <input type="checkbox"/> | Turn of Nut/Snug Tight |

Weld Inspection (1705.2/2204.1)

- | | |
|--|--|
| | Structural Connection (P) |
| | Stiffeners (P) |
| | Bracing /Shear (Cont) |
| | Puddle - (to include metal roofing pans) (P) |

Masonry (1705.4)

- | | |
|--|---|
| | Eng Design |
| | Vertical Masonry Foundation |
| | Fire Wall Inspection |
| | Essential Building (T1604.5,Cat IV) |
| | Structural Observation by RDP Risk Cat IV
(submit statement of frequency/extent) |

EIFS (1705.16)

Helical pile foundation (1705.9) (Cont)

Other as defined by Engineer

Special Cases (1705.1.1)

Sprayed Fire Resistant/Intumescent (170 5.14/1705.15)

Asbestos Inspection (USBC 110.3)

Smoke Ctrl Design. & Inspect. (1705.18)

Wood Trusses 60' span (1705.5.2)

Cold Form Trusses 60' span (1705.2.4)

[illegible]

RDP: attach seal or VA Registration Number here

Name of Registered Design Prof or Owner If Applicable PRINT

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VBC Section 1703.1 Approved agency. An approved agency responsible for laboratory testing or special inspections, or both, must comply with the qualification, certification and experience requirements of ASTM E 329 or the alternatives listed herein.

VBC Section 1703.1.1 Independent. An approved agency shall be objective and competent. The agency shall also disclose possible conflicts of interest so that objectivity can be confirmed. The special inspector and their agents shall be independent from the person, persons or contractor responsible for the physical construction of the project requiring special inspections.

VBC Section 1703.1.3 Personnel. An approved agency shall employ experienced personnel educated in conducting, supervising and evaluating tests or inspections, or both. Upon request by the building official, documentation shall be provided demonstrating the applicable agency's accreditation as noted in ASTM E 329 and individuals' resumes indicating pertinent training, certifications and other qualifications for special inspection personnel associated with the proposed construction requiring special inspections. The building official may prescribe the manner of qualification documentation and frequency of updating information regarding agency or individual inspector approval. Firms providing special inspection services or individual inspectors seeking approval of alternative certifications or qualifications, or both, listed in ASTM E 329 may submit documentation demonstrating equivalency. This documentation may include evidence of meeting other recognized standards or alternative certifications to demonstrate that the minimum qualifications, certification and experience intended by ASTM E 329 have been met. The building official may, if satisfied that equivalency has been demonstrated, approve the credentials of the firm or individual.

VBC Section 1703.4 Performance. Specific information consisting of test reports conducted by an approved testing agency in accordance with standards, or other such information as necessary, shall be provided for the building official to determine that the product, material or assembly meets the applicable code requirements.

VBC Section 1703.4.1 Research and investigation. Sufficient technical data shall be submitted to the building official to substantiate the proposed use of any product, material or assembly. If it is determined that the evidence submitted is satisfactory proof of performance for the use intended, the building official shall approve the use of the product, material or assembly subject to the requirements of this code. The costs, reports and investigations required under these provisions shall be paid by the owner or the owner's authorized agent.

VBC Section 1704.2 Special Inspections. Where application is made for construction as described in this section, the owner shall employ one or more special inspectors to provide inspections during construction on the types of work listed under Section 1705. All individuals or agents performing special inspection functions shall operate under the direct supervision of an RDP in responsible charge of special inspection activities; also known as the "special inspector." The special inspector shall ensure that the individuals under their charge are performing only those special inspections or laboratory testing that are consistent with their knowledge, training and certification for the specified inspection or laboratory testing.

VBC Section 1704.3 Statement of Special Inspections. Where special inspection or testing is required by Section 1705, the registered design professional in responsible charge shall prepare a statement of special inspections in accordance with Section 1704.3.1 for submittal by the applicant in accordance with 1704.2.3

VBC Section 1704.3.1 Content of statement of special inspections. The statement of special inspections shall identify the following:

1. The materials, systems, components and work required to have special inspection or testing by the building official or by the registered design professional responsible for each portion of the work.
2. The type and extent of each special inspection.
3. The type and extent of each test.
4. Additional requirements for special inspection or testing for seismic or wind resistance as specified in Section 1705.11, 1705.12 and 1705.13.
5. For each type of special inspection, identification as to whether it will be continuous special inspection, periodic special inspection, or performed in accordance with the notation used in the referenced standard where the inspections are defined

PLEASE REFER TO CHAPTER 17, VIRGINIA BUILDING CODE FOR ADDITIONAL SPECIAL INSPECTION INFORMATION