

Statement of Special Inspections

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PROJECT LOCATION (PRINT): _____

PERMIT APPLICATION NUMBER (PRINT): _____

This statement of special inspections shall be submitted as a condition of plan approval and permit issuance.

- **Part I:** A complete list of work requiring special inspections and the frequency of inspections as required by the Ohio Building Code (Chapter 17.)
- **Part II:** A list of special inspectors who shall demonstrate competence for the inspection of the particular type of construction or operation requiring the special inspection. Approved inspectors can be found at <https://www.columbus.gov/Business-Development/Building-Zoning-Services/Building-Inspections>. The special inspectors shall be employed by the owner or by the registered design professional in responsible charge acting as the owner's agent.

PART I: SCHEDULE OF SPECIAL INSPECTIONS				
	REQUIRED	CONTINUOUS INSPECTION	PERIODIC INSPECTION	SCOPE
Special Cases: 1705.1.1				
• Alternative Systems				
• Unusual design applications				
• Additional manufacturer's instructions/requirements				
Steel Construction 1705.2				
• Welding				
• Bolting				
• Cold-formed steel deck				
• Open web steels joists and girders				
Concrete Construction 1705.3				
• Reinforcing Steel Placement				
• Reinforcing Steel Welding				

Part 1: SCHEDULE OF SPECIAL INSPECTIONS- Continued

	Required	Continuous Inspection	Periodic Inspection	Scope
Concrete Construction: 1705.3				
• Anchors cast in concrete				
• Anchors cast in hardened concrete				
• Design mix				
• On site fresh concrete testing				
• Concrete and shotcrete application techniques				
• Concrete curing				
• Pre-stressed concrete				
• Erection of Pre-cast concrete members				
• In-situ concrete tests				
• Formwork dimensions				
Masonry Construction: 1705.4				
• Masonry, glass unit masonry and masonry veneer in risk category IV				
• Vertical masonry foundation elements over 10' in height				
Prefabricated wood structural elements: 1705.5				
• High-load diaphragms				
• Metal-plate-connected wood trusses spanning 60'				
Mass Timber Elements: 1705.5.3				
• Anchorage and connection to timber deep foundation systems				

Part 1: SCHEDULE OF SPECIAL INSPECTIONS- Continued				
	Required	Continuous Inspection	Periodic Inspection	Scope
Mass Timber Elements: 1705.5.3				
• Erection of Mass Timber construction				
• Threaded fasteners				
• Adhesive anchors				
• Bolted Connections				
• Concealed connections				
Sealing of mass timber elements: 1705.20				
Soils: 1705.6				
• Shallow foundation design bearing capacity				
• Excavation to proper depth & reached proper material				
• Compacted fill materials classification and testing				
• Compacted fill materials, density and lift thickness				
• Subgrade and site prep prior to fill placement				
Driven Deep Foundations: 1705.7				
Cast-in-Place Deep Foundations: 1705.8				
Helical Pile Foundations: 1705.9				
Prefabricated wood structural elements: 1705.5				
Structural integrity of deep foundation elements 1705.10				
Fabricated Items: 1705.11				

Part 1: SCHEDULE OF SPECIAL INSPECTIONS- Continued				
	Required	Continuous Inspection	Periodic Inspection	Scope
Wind Resistance: 1705.12				
• Structural wood				
• Cold-formed steel lightframed construction				
• Wind-resisting components				
Seismic Resistance: 1705.13				
• Structural steel				
• Structural wood				
• Cold-formed steel lightframed construction				
• Designated seismic systems				
• Architectural components				
• M.E.P. components				
• Storage racks				
• Seismic isolation systems				
• Cold-formed steel specialbolted moment frames				
Testing of Seismic Resistance: 1705.14				
• Structural steel				
• Non-structural components				
• Designated seismic systems				
• Seismic isolation systems				
Sprayed Fire-Resistant Materials: 1705.15				
• Physical and visual test				
• Surface condition				

Part 1: SCHEDULE OF SPECIAL INSPECTIONS- Continued				
	Required	Continuous Inspection	Periodic Inspection	Scope
Sprayed Fire-Resistant Materials: 1705.14				
• Application				
• Thickness				
• Bond Strength				
Mastic and Intumescent Fire-Resistant Coatings: 1705.16				
Exterior insulation and finish system (E.I.F.S.): 1705.17				
Water-resistive barrier coating: 1705.17.1				
Fire-Resistant Penetrations and Joints: 1705.18				
• Penetration firestops				
• Fire-resistant joint systems				
Smoke Control Systems: 1705.19				
• Ductwork leakage testing prior to concealment				
• System testing and operation				
Medium/High-voltage systems 1705.21				
Private Fire/Potable Water Mains/Services 108.2.11				
• Materials				
• Depth of Cover				
• Backfill				
• Fitting Restraining Method				

PART II: LIST OF SPECIAL INSPECTORS

Submit special inspectors for all marked inspection items in the Part I Table A list of approved agencies and inspector can be found at: <https://www.columbus.gov/Business-Development/Building-Zoning-Services/Building-Inspections>

Inspection type	Inspection Company	Name of Inspector
Special cases		
Steel construction		
Welding		
Bolting		
Concrete construction		
Masonry construction		
Wood construction		
Mass Timber Elements		
Sealing of mass timber elements		
Soils		
Deep driven foundations		
Cast-in-place deep foundations		
Helical Pile Foundations		
Structural integrity of deep foundation elements		
Fabricated items		
Wind resistance		
Seismic resistance		
Testing for seismic resistance		
Sprayed fire-resistant		
Materials		
Mastic and Intumescent Fire-Resistant Coatings		
Exterior Insulation and Finish Systems (E.I.F.S.)		
Water-resistive barrier coating		
Fire-resistant penetrations and joints		
Smoke control		
Medium/High-voltage systems		
Private Fire/Potable Water Mains/Services		

The preceding statements of special inspections (Parts I and II) have been prepared in accordance with the provision of Section 1704.3 of the Ohio Building Code.

The project registered design professional in responsible charge acknowledges that he or she is responsible for reviewing and approving the special inspection reports submitted by the special inspectors at the required inspection periods. Any discrepancies in special inspection reports shall be brought to the attention of the building official. A final special inspection report documenting required special inspections and corrections of any discrepancies noted in the inspections shall be submitted to the building official.

Project Registered Design Professional in Responsible Charge:

Name of Designer: _____

Ohio Registration No: _____

Name of Company: _____

Signature: _____ Date: _____

Property Owner:

Name of Owner: _____

Name of Company: _____

Signature: _____ Date: _____

FINAL REPORT FOR SPECIAL INSPECTIONS

To be completed after special inspections have been performed

Application No: _____

Project Name: _____

Project Location: _____

Pursuant to Section 1704.2.4 Ohio Building Code, Special Inspectors shall keep records of inspections and furnish inspection reports to the building official, and to the registered design professional in responsible charge. Reports shall indicate that work inspected was done in conformance with the approved construction documents. Discrepancies shall be brought to the immediate attention of the contractor for corrections. If discrepancies are not corrected, the discrepancies shall be brought to the attention of the building official and to the registered design professional in responsible charge prior to the completion of that phase of the work. This report requires the inspectors to note the date of when the respective work received final inspection and approval, any special conditions or limitations of the approval, and the inspector's name.

FINAL APPROVAL OF WORK – CONDITIONS				
No.	ITEM	DATE	CONDITION/ LIMITATIONS	NAME OF INSPECTOR
1	Special cases			
2	Steel construction			
3	Welding			
4	Bolting			
5	Concrete construction			
6	Masonry construction			
7	Wood construction			
8	Mass Timber elements			
9	Sealing of mass timber elements			
10	Soils			
11	Deep driven foundations			
12	Cast-in-place deep foundations			
13	Helical pile foundation			
14	Structural Integrity of deep foundation elements			

15	Fabricated items			
16	Wind resistance			
17	Seismic resistance			
18	Testing for seismic resistance			
19	Sprayed fire-resistant materials			
20	Mastic and intumescent fire-resistant Coatings			
21	Exterior Insulation and Finish System (E.I.F.S.)			
22	Water-resistive barrier coating			
23	Fire-resistant penetrations and joints			
24	Smoke control			
25	Medium/High-voltage systems			
26	Private Fire/Potable Water Mains/Services			

The project registered design professional in responsible charge also acknowledges that he/she has reviewed and approved the special inspection reports submitted by the special inspectors at the required inspection periods. Any discrepancies in special inspection reports have been brought to the attention of the building official. A final special inspection report documenting required special inspections and corrections of any discrepancies noted in the inspections have been submitted to the building official.

Project Registered Design Professional in Responsible Charge:

Name of Designer: _____

Ohio Registration No: _____

Name of Company: _____

Signature: _____ Date: _____

Property Owner:

Name of Owner: _____

Name of Company: _____

Signature: _____ Date: _____