

Special Inspections

Planning and Development Services Department

www.opkansas.org

PER THE INTERNATIONAL BUILDING CODE

The requirement for special inspections is found in Chapter 17 of the International Building Code (2012). The registered design professional in responsible charge is required to prepare a statement of special inspections. This statement of intent is required to be submitted to the building official as part of the permit application. Attached to this document is a "Statement of Intent" form that can be utilized.

Each special inspector or special inspection agency employed to perform special inspections is required to submit a letter to the building official indicating that they have been employed and what inspections they will be performing. The City's plans examiner will ensure that the letter covers all of the inspections as depicted in the Statement of Intent.

The special inspector or special inspection agency shall be qualified to perform the special inspections. They are required to perform all inspections and tests as prescribed in Chapter 17.

Special inspections are additional inspections to those standard inspections required by the building official. Construction or work which requires special inspection shall remain accessible and exposed for special inspection purposes.

Special inspectors shall keep accurate records of all inspections. The inspection reports shall indicate that the work inspected was or was not completed in conformance to approved construction documents. Discrepancies shall be brought to the immediate attention of the contractor. If the discrepancies are not corrected, they shall be brought to the attention of the building official and the registered design professional in responsible charge prior to the completion of that phase of work.

When the work requiring special inspection has been completed, a final report documenting required special inspections shall be submitted to permitservices@opkansas.org. The report shall include all inspection reports and the correction of any noted discrepancies. The City's form titled "Final Report - Special Inspections" shall be completed and submitted with the final report. A copy of this form is attached. When there are multiple buildings on a site, a separate form shall be submitted for each permitted structure. It is important to note that the form be properly filled out. Forms that lack permit numbers and addresses will result in the final report not being accepted.

Certificates of Occupancy will not be issued unless the Final Special Inspections report has been submitted and approved.

Statement of Intent – Special Inspections

Planning and Development Services Department

www.opkansas.org**PROJECT NAME:** _____**PROJECT ADDRESS:** _____

During construction of the referenced project, it is intended that special inspection as outlined in Chapter 17 of the 2012 International Building Code be provided for by the owner. The following areas of work will require special inspection

INSPECTION OF WOOD FABRICATION PROCESS per 1704.2 and 1705.5

INSPECTION OF STEEL FABRICATION PROCESS per 1704.2 and 1705.2

INSPECTION OF CONCRETE per Section 1705.2 and Table 1705.2

- Inspection of reinforcing steel, including pre-stressing tendons and placement
- Inspection of reinforcing steel welding per Table 1705.2.2, item 2B
- Inspection of bolts installed in concrete prior to and during placement of concrete where allowable loads have been increased
- Verifying use of required design mix **(a)**
- Sampling fresh concrete and performing slump, air content and determining the temperature of fresh concrete at the time of making specimens for strength tests **(a)**
- Inspection of concrete and shotcrete placement for proper application techniques **(a)**
- Inspection for maintenance of specified curing, temperature and techniques **(a)**
- Inspection of pre-stressed concrete
- Erection of pre-cast
- Verification of in-situ concrete strength, prior to stressing of tendons in post tensioned concrete and prior to removal of shores and forms from beams and structural slabs
- Inspection of Helical Pile Foundations per Section 1705.9

INSPECTION OF STEEL per Section 1705.2 and Table 1705.2.2

- Material verification of high-strength bolts, nuts and washers
- Inspection of high strength bolts
- Inspection of welding
- Inspection of steel frame joint details for compliance with approved construction documents **(b)**

INSPECTION OF MASONRY per 1705.4

- Empirically designed masonry, glass unit masonry and masonry veneer in Risk Category IV per 1705.4.1

INSPECTION OF WOOD CONSTRUCTION per Section 1705.5

INSPECTION OF SOIL CONDITIONS per 1705.6 and Table 1705.6

INSPECTION OF DEEP DRIVEN FOUNDATIONS per Section 1705.7 and Table 1705.7

INSPECTION OF CAST IN PLACE DEEP FOUNDATION per Section 1705.8 and Table 1705.8

INSPECTION OF SEISMIC RESISTANCE per Section 1705.11 and Risk Category IV Buildings per 1705.12.

- INSPECTION OF SPRAYED FIRE RESISTIVE MATERIALS per 1705.13**
- INSPECTION OF MASTIC AND INTUMESCENT FIRE RESISTANCE COATING per Section 1705.14**
- INSPECTION OF FIRE RESISTANCE PENETRATIONS AND JOINTS per Section 1705.16**
- INSPECTIONS OF SMOKE CONTROL SYSTEMS per Section 1705.17**
- OTHER per Section 1705.1.1**
- ENGINEERED RETAINING WALLS**

- (a) If special inspection of concrete is undertaken, this inspection activity is required.*
- (b) If special inspection of steel is undertaken, this inspection is required.*

Design Professional in Charge: _____

Signature: _____

Final Report – Special Inspections

Planning and Development Services Department

www.opkansas.org

PRS / BLD NUMBER: _____

PROJECT NAME: _____

PROJECT ADDRESS: _____

SPECIAL INSPECTION AGENCY OR AGENT: _____

This is to certify that I or qualified individual(s) working under my direction inspected and/or tested the following items in accordance with the Statement of Special Inspection and Chapter 17 of the 2012 International Building Code. The work was found to be in substantial compliance with the City approved plans, specifications, and applicable provisions of the City of Overland Park building code.

- | | |
|---|---|
| <input type="checkbox"/> INSPECTION OF WOOD FABRICATION PROCESS per Section 1704.2 and 1705.5 | <input type="checkbox"/> INSPECTION OF HELICAL PILE FOUNDATIONS per Section 1705.9 |
| <input type="checkbox"/> INSPECTION OF STEEL FABRICATION PROCESS per Section 1704.2 and 1705.2 | <input type="checkbox"/> INSPECTION OF SEISMIC RESISTANCE per Sections 1705.11 and 1705.12 |
| <input type="checkbox"/> INSPECTION OF STEEL per Section 17005.2 and Table 17005.2.2 | <input type="checkbox"/> SPRAYED FIRE-RESISTIVE MATERIALS per Section 1705.13 |
| <input type="checkbox"/> INSPECTION OF CONCRETE per Section 1705.3 and Table 1705.3 | <input type="checkbox"/> INSPECTION OF MASTIC AND INTUMESCENT FIRE RESISTANCE COATING per Section 1705.14 |
| <input type="checkbox"/> INSPECTION OF MASONRY per Section 1705.4 | <input type="checkbox"/> INSPECTION OF EXTERIOR INSULATION AND FINISH SYSTEMS per Section 1705.15 |
| <input type="checkbox"/> INSPECTION OF WOOD CONSTRUCTION per Section 1705.5 | <input type="checkbox"/> INSPECTION OF FIRE RESISTANCE PENETRATIONS AND JOINTS per Section 1705.16 |
| <input type="checkbox"/> INSPECTION OF SOIL CONDITIONS 5.6 and Table 1705.6 | <input type="checkbox"/> SMOKE CONTROL per Section 1705.17 |
| <input type="checkbox"/> INSPECTION OF DRIVEN DEEP FOUNDATIONS per Section 1705.7 and Table 1705.7 | <input type="checkbox"/> OTHER per Section 1705.101 _____ |
| <input type="checkbox"/> INSPECTION OF CAST IN PLACE DEEP FOUNDATIONS per Section 1705.8 AND Table 1705.8 | |

Design Professional Seal: _____

Signature: _____ Date: _____