

**Project:**  
**Date Prepared:**

**Statement of Special Inspections – Structural**

**A/P # :**

**(By Staff)**

Project:

Location:

Owner:

This Statement of Special Inspections encompass the following discipline: **Structural**

Registered Design Professional in Responsible Charge :

Firm Name:

*(Note: Statement of Special Inspections for other disciplines may be included under a separate cover)*

This *Statement of Special Inspections* is submitted as a condition preceding issuance of permit in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project. A list of the identity of approved agencies to be retained for conducting these inspections and tests will be submitted as soon as possible.

Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted by the Special Inspector to the Building Official when requested and the Registered Design Professional in Responsible Charge (RDPIRC) at an interval determined by the RDPIRC.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to final inspections by City of Tulsa. Each *Final Report* shall be prepared and submitted by the special inspector to the RDPIRC. The RDPIRC shall collate all the *Final Reports* for the project and submit to the Building Official prior to final inspections.

Job site safety and means and methods of construction are solely the responsibility of the Contractor.

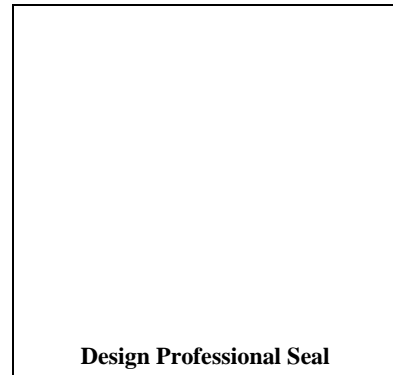
Interim Report Frequency:       *Upon request of Building Official*                       per attached schedule.

Prepared by:

\_\_\_\_\_  
(type or print name of the Registered Design Professional in Responsible Charge)

Signature

Date



**Design Professional Seal**

Owner's Authorization:

Signature

Date

**Project:**  
**Date Prepared:**

**Statement of Special Inspections - Structural (Continued)**

---

***List of Special Inspectors/Approved Agencies***

Project:

Location:

Owner:

This *Statement of Special Inspections* encompass the following discipline: **Structural**

**(Note: *Statement of Special Inspections* for other disciplines may be included under a separate cover)**

This Statement of Special Inspections includes the following building systems:

- Soils and Foundations
- Cast-in-Place Concrete
- Precast Concrete System
- Masonry Systems
- Structural Steel
- Wood Construction
- Special Cases

Special Inspectors/Approved Agencies	Firm	Address, Telephone, e-mail
1. Special Inspector (SI 1)		
2. Special Inspector (SI 2)		
3. Testing Agency (TA 1)		
4. Testing Agency (TA 2)		
5. Other (O1)		

Note: The special inspectors / approved agencies shall be employed by the Owner or the Registered Design Professional in Responsible Charge acting as the Owner's agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. The RDPIRC and Engineers of Record involved in the design of the project are permitted to act as the approved agency and their personnel are permitted to act as special inspectors provided they are qualified. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

**Project:**  
**Date Prepared:**

## Statement of Special Inspections - Structural SOILS & FOUNDATION CONSTRUCTION

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
<b>2009 IBC Section 1704.7, 1704.8, 1704.9, 1704.10</b>						
1. Soils:						
a. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.		P	IBC 1704.7		PE/GE, EIT or ETT	
b. Verify excavations are extended to proper depth and have reached proper material.		P	IBC 1704.7		PE/GE, EIT or ETT	
c. Perform classification and testing of compacted fill materials.		P	IBC 1704.7		PE/GE, EIT or ETT	
d. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.		C	IBC 1704.7		PE/GE, EIT or ETT	
e. Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly.		P	IBC 1704.7		PE/GE, EIT or ETT	
2. Driven Deep Foundation Elements:						
a. Verify element materials, sizes and lengths comply with the requirements.		C	IBC 1704.8		PE/GE, EIT or ETT	
b. Determine capacities of test elements and conduct additional load tests, as required.		C	IBC 1704.8		PE/GE, EIT or ETT	
c. Observe driving operations and maintain complete and accurate records for each element.		C	IBC 1704.8		PE/GE, EIT or ETT	
d. Verify placement locations and plumbness. Confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and document any damage to foundation element.		C	IBC 1704.8		PE/GE, EIT or ETT	
e. For steel elements, perform additional inspections in accordance with Section 1704.3.		C or P	IBC 1704.8		PE/GE, EIT or ETT	
f. For concrete elements and concrete-filled elements, perform additional inspections in accordance with Section 1704.4.		C or P	IBC 1704.8		PE/GE, EIT or ETT	
g. For specialty elements, perform additional inspections as determined by the registered design professional in responsible charge.		C or P	IBC 1704.8		PE/GE, EIT or ETT	
3. Cast-in-Place Deep Foundation Elements:						
a. Observe drilling operations and maintain complete and accurate records for each element.		C	IBC 1704.9		PE/GE, EIT or ETT	
b. Verify placement locations and plumbness. Confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end bearing strata capacity. Record concrete or grout volumes.		C	IBC 1704.9		PE/GE, EIT or ETT	
c. For concrete elements, perform additional inspections in accordance with Section 1704.4.		C or P	IBC 1704.9		PE/GE, EIT or ETT	
4. Helical Pile Foundation Elements:						
a. Record installation equipment used, pile dimensions, tip elevations, final depth, and final installation torque.		C	IBC 1704.10		PE/GE, EIT or ETT	

**Project:**  
**Date Prepared:**

## Statement of Special Inspections - Structural CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
<b>2009 IBC Section 1704.4</b>						
1. Inspection of reinforcing steel, including pre-stressing tendons, and placement.		P	IBC 1913.4, ACI 318: 3.5, 7.1-7.7		PE/SE; EIT; RCSI	
2. Inspection of reinforcing steel welding in accordance with Table 1704.3, Item 5b.		C or P	AWS D1.4 ACI 318: 3.5.2		AWS-CWI	
3. Inspection of bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased or where strength design is used.		C	IBC 1911.5, 1912.1, ACI 318: 8.1.3, 21.2.8		PE/SE; EIT; RCSI	
4. Inspection of anchors installed in hardened concrete.		P	IBC 1912.1, ACI 318: 3.8.6, 8.1.3, 21.2.8		PE/SE; EIT; RCSI	
5. Verifying use of required design mix.		P	IBC 1904.2.2, 1913.2, 1913.3, ACI 318: Ch 4, 5.2-5.4		PE/SE; EIT; RCSI	
6. At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests and determine the temperature of the concrete.		C	IBC 1913.10, ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8		ACI-CFTT or ACI-STT	
7. Inspection of concrete and shotcrete placement for proper application techniques.		C	IBC 1913.6, 1913.7, 1913.8, ACI 318: 5.9, 5.10		PE/SE; EIT; RCSI	
8. Inspection for maintenance of specified curing temperature and techniques.		P	IBC 1913.9, ACI 318: 5.11-5.13		PE/SE; EIT; RCSI	
9. Inspection of pre-stressed concrete:						
a. Application of pre-stressing forces.		C	ACI 318: 18.18.4, 18.20		PE/SE; EIT; RCSI	
b. Grouting of bonded pre-stressing tendons in the seismic force-resisting system.		C	ACI 318: 18.18.4, 18.20		PE/SE; EIT; RCSI	
10. Erection of precast concrete members.		P	ACI 318: Ch 16		PE/SE; EIT; RCSI	
11. 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.		P	ACI 318: 6.2		ACI-STT	
12. Inspect formwork for shape, location and dimensions of the concrete member being formed.		P	ACI 318: 6.1.1		PE/SE; EIT; RCSI	

## Statement of Special Inspections - Structural MASONRY CONSTRUCTION – LEVEL 1 (NON-ESSENTIAL FACILITY)

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
<b>2009 IBC Section 1704.5</b>						
1. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.		P	ACI 530.1, 1.5		PE/SE; EIT; SMSI	
2. Verification of $f'_m$ and $f'_{aac}$ prior to construction except where specifically exempted by this code.		P	ACI 530.1, 1.4B		PE/SE; EIT; SMSI	
3. Verification of slump flow and VSI as delivered to the site for self-consolidating grout.		C	ACI 530.1, 1.5B.1.b.3		PE/SE; EIT; SMSI	
4. As masonry construction begins, the following shall be verified to ensure compliance:						
a. Proportions of site-prepared mortar.		P	ACI 530.1, 2.6A		PE/SE; EIT; SMSI	
b. Construction of mortar joints.		P	ACI 530.1, 3.3B		PE/SE; EIT; SMSI	

**Project:**  
**Date Prepared:**

VERIFICATION AND INSPECTION 2009 IBC Section 1704.5	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
c. Location of reinforcement, connectors, pre-stressing tendons and anchorages.		P	ACI 530.1, 3.4, 3.6A		PE/SE; EIT; SMSI	
d. Pre-stressing technique.		P	ACI 530.1, 3.6B		PE/SE; EIT; SMSI	
e. Grade and size of pre-stressing tendons and anchorages.		P	ACI 530.1, 2.4B, 2.4H		PE/SE; EIT; SMSI	
5. During construction the inspection program shall verify:						
a. Size and location of structural elements.		P	ACI 530.1, 3.3F		PE/SE; EIT; SMSI	
b. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.		P	ACI 530, 1.2.2(e), 1.16.1		PE/SE; EIT; SMSI	
c. Specified size, grade and type of reinforcement, anchor bolts, pre-stressing tendons and anchorages.		P	ACI 530, 1.15; ACI 530.1, 2.4, 3.4		PE/SE; EIT; SMSI	
d. Welding of reinforcing bars.		C	ACI 530, 2.1.9.7.2, 3.3.3.4 (b)		AWS-CWI; SMSI	
e. Preparation, construction, and protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).		P	IBC 2104.3, 2104.4; ACI 530.1, 1.8C, 1.8D		PE/SE; EIT; SMSI	
f. Application and measurement of prestressing force.		C	ACI 530.1, 3.6B		PE/SE; EIT; SMSI	
6. Prior to grouting, the following shall be verified to ensure compliance:						
a. Grout space is clean.		P	ACI 530.1, 3.2D		PE/SE; EIT; SMSI	
b. Placement of reinforcement and connectors and pre-stressing tendons and anchorages.		P	ACI 530, 1.13, ACI 530.1, 3.4		PE/SE; EIT; SMSI	
c. Proportions of site-prepared grout and pre-stressing grout for bonded tendons.		P	ACI 530.1, 2.6B		PE/SE; EIT; SMSI	
d. Construction of mortar joints.		P	ACI 530.1, 3.3B		PE/SE; EIT; SMSI	
7. Grout placement shall be verified to ensure compliance:		C	ACI 530.1, 3.5		PE/SE; EIT; SMSI	
a. Grouting of pre-stressing bonded tendons.		C	ACI 530.1, 3.6C		PE/SE; EIT; SMSI	
8. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed.		P	IBC 2105.2.2, 2105.3; ACI 530.1, 1.4		PE/SE; EIT; SMSI	

**Statement of Special Inspections - Structural  
MASONRY CONSTRUCTION – LEVEL 2 (ESSENTIAL FACILITY)**

VERIFICATION AND INSPECTION 2009 IBC Section 1704.5	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.		P	ACI530.1, 1.5		PE/SE; EIT; SMSI	
2. Verification of f'm and f'aac prior to construction and for every 5,000 square feet during construction.		P	ACI530.1, 1.4B		PE/SE; EIT; SMSI	

**Project:**  
**Date Prepared:**

3. Verification of proportions of materials in pre-mixed or pre-blended mortar and grout as delivered to the site.		P	ACI530.1, 1.5B		PE/SE; EIT; SMSI	
4. Verification of slump flow and VSI as delivered to the site for self-consolidating grout.		C	ACI 530.1, 1.5B.1.b.3		PE/SE; EIT; SMSI	
5. The following shall be verified to ensure compliance:						
a. Proportions of site-prepared mortar, grout and pre-stressing grout for bonded tendons.		P	ACI 530.1, 2.6A		PE/SE; EIT; SMSI	
b. Placement of masonry units and construction of mortar joints.		P	ACI 530.1, 3.3B		PE/SE; EIT; SMSI	
c. Placement of reinforcement, connectors and pre-stressing tendons and anchorages.		P	ACI 530, 1.15; ACI 530.1, 3.4, 3.6 A		PE/SE; EIT; SMSI	
d. Grout space prior to grout.		C	ACI 530.1, 3.2D		PE/SE; EIT; SMSI	
e. Placement of grout.		C	ACI 530.1, 3.5		PE/SE; EIT; SMSI	
f. Placement of prestressing grout.		C	ACI 530.1, 3.6C		PE/SE; EIT; SMSI	
g. Size and location of structural elements.		P	ACI 530.1, 3.3F		PE/SE; EIT; SMSI	
h. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.		C	ACI 530, 1.2.2(e), 1.16.1		PE/SE; EIT; SMSI	
i. Specified size, grade and type of reinforcement, anchor bolts, pre-stressing tendons and anchorages		P	ACI 530, 1.15; ACI 530.1, 2.4, 3.4		PE/SE; EIT; SMSI	
j. Welding of reinforcing bars.		C	ACI 530, 2.1.9.7.2, 3.3.3.4(b);		PE/SE; EIT; SMSI	
k. Preparation, construction, and protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).		P	IBC 2104.3, 2104.4; ACI 530.1, 1.8C, 1.8D		PE/SE; EIT; SMSI	
l. Application and measurement of pre-stressing force.		C	ACI 530.1, 3.6B		PE/SE; EIT; SMSI	
6. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed.		C	IBC 2105.2.2, 2105.3; ACI 530.1, 1.4		PE/SE; EIT; SMSI	

**Statement of Special Inspections - Structural**  
**STEEL CONSTRUCTION**

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
<b>2009 IBC Section 1704.3</b>						
1. Material verification of high-strength bolts, nuts and washers:						
a. Identification markings to conform to ASTM standards specified in the approved construction documents.		P	Applicable ASTM material specifications; AISC 360, Section A3.3		PE/SE; EIT; SBSI	
b. Manufacturer's certificate of compliance required.		P			PE/SE; EIT; SBSI	
2. Inspection of high-strength bolting:						
a. Snug-tight joints.		P	AISC 360 Section M2.5 IBC Sect 1704.3.3		PE/SE or EIT or AWS/AISC-SSI or ICC-SBSI	
b. Pre-tensioned and slip-critical joints using turn-of-nut with match-marking, twist-off bolt or direct tension indicator methods of installation.		P				
c. Pre-tensioned and slip-critical joints using turn-of-nut without match-marking or calibrated wrench methods of installation.		C				
3. Material verification of structural steel and cold-formed steel deck:						
a. For structural steel, Identification markings to conform to AISC 360.		S	AISC 360, M5.5		PE/SE or EIT	
b. For other steel, identification markings to conform to ASTM standards specified in the approved construction documents.		S	Applicable ASTM material standards		PE/SE or EIT	
c. Manufacturers' certified test reports.		S			PE/SE or EIT	

**Project:**  
**Date Prepared:**

4. Material verification of weld filler materials:						
a. Identification markings to conform to AWS specification in the approved construction documents.		S	AISC 360, Section A3.5 and applicable AWS A5 documents		PE/SE or EIT	
b. Manufacturer's certificate of compliance required.		S			PE/SE or EIT	
5. Inspection of welding:						
a. Structural steel and cold-formed steel deck:						
1) Complete and partial joint penetration groove welds.		C	AWS D1.1, IBC 1704.3.1		AWS-CWI	
2) Multi-pass fillet welds.		C	AWS D1.1, IBC 1704.3.1		AWS-CWI	
3) Single-pass fillet welds > 5/16".		C	AWS D1.1, IBC 1704.3.1		AWS-CWI	
4) Plug and slot welds.		C	AWS D1.1, IBC 1704.3.1		AWS-CWI	
5) Single-pass fillet welds ≤ 5/16".		P	AWS D1.1, IBC 1704.3.1		AWS-CWI	
6) Floor and roof deck welds.		P	AWS D1.3		AWS-CWI	
b. Reinforcing steel:						
1) Verification of weld-ability of reinforcing steel other than ASTM A 706.		P	AWS D1.4, ACI 318: 3.5.2		AWS-CWI	
2) Reinforcing steel-resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special structural walls of concrete and shear reinforcement.		C	AWS D1.4, ACI 318: 3.5.2		AWS-CWI	
3) Shear reinforcement.		C	AWS D1.4, ACI 318: 3.5.2		AWS-CWI	
4) Other reinforcing steel.		P	AWS D1.4, ACI 318: 3.5.2		AWS-CWI	
6. Inspection of steel frame joint details for compliance with approved construction documents:						
a. Details such as bracing and stiffening.		P	IBC 1704.3.2		PE/SE; EIT; SBSI	
b. Member locations.		P	IBC 1704.3.2		PE/SE; EIT; SBSI	
c. Application of joint details at each connection.		P	IBC 1704.3.2		PE/SE; EIT; SBSI	

**Statement of Special Inspections - Structural FABRICATION AND IMPLEMENTATION PROCEDURES – STRUCTURAL STEEL**

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
<b>2009 IBC Section 1704.2</b>						
1. Fabrications Procedures: Review of fabricator's written procedural and quality control manuals and periodic auditing of fabrication practices by an approved special inspection agency. At the completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents. -OR- 2. AISC Certification -OR- 3. Special inspection of the fabricated items, including welding, shall be required in accordance with IBC Section 1704.3		S	Fabricator shall submit one of the two qualifications (IBC 1704.2.2)  or special inspections shall be performed (IBC 1704.2)		PE/SE; EIT; AWS-CWI	
4. At completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents.		S	IBC 1704.2		PE/SE or EIT	

**Project:**  
**Date Prepared:**

**Statement of Special Inspection - Structural**  
**FABRICATION AND IMPLEMENTATION PROCEDURES – WOOD TRUSSES**

VERIFICATION AND INSPECTION  2009 IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Fabrications Procedures: Review of fabricator’s written procedural and quality control manuals and periodic auditing of fabrication practices by an approved special inspection agency. At the completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents. -OR- 2. TPI Inspection Program: Fabricator shall participate in the TPI Quality Assurance Inspection Program, and maintain a copy of the Quality Assurance Procedures Manual, QAP-90. Submit copy of certificate. All trusses shall bear the TPI Registered Mark.		S	Fabricator shall submit one of the two qualifications IBC 1704.2		PE/SE or EIT	
3. At completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents.		S	IBC 1704.2		PE/SE or EIT	

**Statement of Special Inspections - Structural**  
**WOOD CONSTRUCTION**

VERIFICATION AND INSPECTION  2009 IBC Section 1704.6	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Fabrication of high-load diaphragms: High-load diaphragms designed in accordance with Table 2306.3.2 shall be installed with special inspections as indicated in Section 1704.1.						
a. Verify wood structural panel sheathing for grade and thickness.		P	IBC 1704.6		PE/SE or EIT	
b. Verify the nominal size of framing members at adjoining panel edges.		P	IBC 1704.6		PE/SE or EIT	
c. Verify the nail or staple diameter and length.		P	IBC 1704.6		PE/SE or EIT	
d. Verify the number of fastener lines.		P	IBC 1704.6		PE/SE or EIT	
e. Verify the spacing between fasteners in each line and at edge margins.		P	IBC 1704.6		PE/SE or EIT	
2. Load Tests for Joist Hangers: Provide evidence of manufacturer’s load test in accordance with ASTM D1761 including the vertical load bearing capacity, torsional moment capacity, and deflection characteristics when there is no calculated procedure recognized by the code.		S	IBC 1715 [submit ICBO reports]		PE/SE or EIT	



**Project:**  
**Date Prepared:**

**Final Report of Special Inspections - Structural**

**A/P # :**

---

[Note that all Special Inspector's Final Reports must be received prior to final inspections by City of Tulsa.]

Project:  
Location:  
Owner:  
Owner's Address:

Engineer/Architect of Record: \_\_\_\_\_  
(name) (firm)

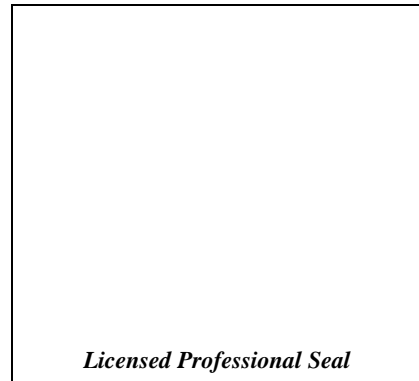
I, as the Registered Design Professional in Responsible Charge for this project, acknowledge receipt of all required interim and final reports, and hereby submit this final documentation that Special Inspections identified for this project have been administered, based upon the record of those reports.

Respectfully submitted,  
Registered Design Professional in Responsible Charge

\_\_\_\_\_  
(Type or print name)

\_\_\_\_\_  
(Firm Name)

\_\_\_\_\_  
Signature Date



*Licensed Professional Seal*

**Project:**  
**Date Prepared:**

**Special Inspector's Final Report - Structural**

**A/P # :**

---

Project:

Special Inspector or  
Agent:

\_\_\_\_\_

*(name)*

\_\_\_\_\_

*(firm)*

Designation:

To the best of my information, knowledge and belief, the Special Inspections or testing required for this project, and designated for this Inspector/Agent in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved. The interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,  
Special Inspector:

\_\_\_\_\_

(Type or print name)

\_\_\_\_\_

Signature

\_\_\_\_\_

Date

\_\_\_\_\_

***Licensed Professional Seal or  
Certification Number***

**Project:**  
**Date Prepared:**

**Statement of Special Inspections – A/M/E/P                      A/P # :                      (By Staff)**

---

Project:

Location:

Owner:

---

This *Statement of Special Inspections* encompasses the following discipline:

Mechanical/Electrical/Plumbing

Architectural

Other: \_\_\_\_\_

Registered Design Professional in Responsible Charge :

Firm Name:

*(Note: Statement of Special Inspections for other disciplines may be included under a separate cover)*

---

This *Statement of Special Inspections* is submitted as a condition preceding issuance of permit in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project. A list of the identity of approved agencies to be retained for conducting these inspections and tests will be submitted as soon as possible.

Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted by the Special Inspector to the Building Official when requested and the Registered Design Professional in Responsible Charge (RDPIRC) at an interval determined by the RDPIRC.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to final inspections by City of Tulsa. Each *Final Report* shall be prepared and submitted by the special inspector to the RDPIRC. The RDPIRC shall collate all the *Final Reports* for the project and submit to the Building Official prior to final inspections.

Job site safety and means and methods of construction are solely the responsibility of the Contractor.

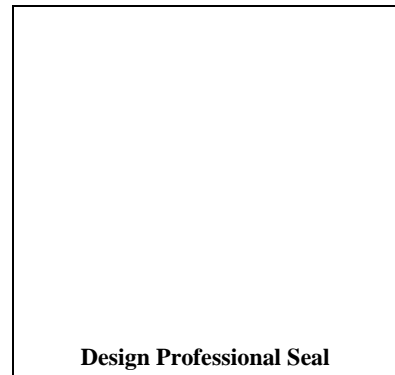
Interim Report Frequency:       *Upon request of Building Official*                       per attached schedule.

Prepared by:

\_\_\_\_\_  
(type or print name of the Registered Design Professional in Responsible Charge)

Signature

Date



Owner's Authorization:

Signature

Date

---

**Project:**  
**Date Prepared:**

## Statement of Special Inspections – A/M/E/P (Continued)

---

### *List of Special Inspectors/Approved Agencies*

Project:

Location:

Owner:

This *Statement of Special Inspections* encompass the following discipline:

- Architectural       Mechanical/Electrical/Plumbing  
 Other: \_\_\_\_\_

**(Note: *Statement of Special Inspections* for other disciplines may be included under a separate cover)**

This Statement of Special Inspections includes the following building systems:

- Sprayed Fire Resistant Materials  
 Exterior Insulation and Finish Systems (EIFS)  
 Smoke Control  
 Fire Resistant Coatings  
 Special Cases

<b>Special Inspectors/Approved Agencies</b>	<b>Firm</b>	<b>Address, Telephone, e-mail</b>
1. Special Inspector (SI 1)		
2. Special Inspector (SI 2)		
3. Testing Agency (TA 1)		
4. Testing Agency (TA 2)		
5. Other (O1)		

Note: The special inspectors /approved agencies shall be employed by the Owner or the Registered Design Professional Responsible Charge acting as the Owner's agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. The RDPIRC and Engineer or Architect of Record involved in the design of the project is permitted to act as the approved agency and their personnel are permitted to act as special inspectors provided they are qualified. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

**Project:**  
**Date Prepared:**

**Statement of Special Inspections – A/M/E/P**  
**SPRAYED FIRE-RESISTANT MATERIALS**

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
<b>2009 IBC Section 1704.12</b>						
1. Structural member surface conditions.			IBC 1704.12.2		PE/EIT; RA; SFSI	
a) Surfaces shall be prepared in accordance with the approved fire-resistant design and the approved manufacturer's written instructions.					PE/EIT; RA; SFSI	
b) The prepared surface of structural members to be sprayed shall be inspected before the application of the sprayed fire-resistant material.					PE/EIT; RA; SFSI	
2. Application			IBC 1704.12.3		PE/EIT; RA; SFSI	
a) The substrate shall have a minimum ambient temperature before and after application as specified in the approved manufacturer's written instructions.					PE/EIT; RA; SFSI	
b) The area for application shall be ventilated during and after application as required by the approved manufacturer's written instructions.					PE/EIT; RA; SFSI	
3. Thickness. No more than 10 percent of the thickness measurements of the sprayed fire-resistant materials applied to floor, roof and wall assemblies and structural members shall be less than the thickness required by the approved fire-resistance design, but in no case less than the allowable thickness required by Section 1704.12.4.1. Minimum allowable thickness: For design thicknesses 1" (25 mm) or greater, the minimum allowable individual thickness shall be the design thickness minus 1/4" (6.4 mm). For design thicknesses less than 1" (25 mm), the minimum allowable individual thickness shall be the design thickness minus 25 percent. Thickness shall be determined in accordance with ASTM E 605. Samples of the sprayed fire-resistant materials shall be selected in accordance with Sections 1704.12.4.2 and 1704.12.4.3.			IBC 1704.12.4 & 1704.12.4.1		PE/EIT; RA; SFSI	
a) The thickness of the sprayed fire-resistant material applied to floor, roof and wall assemblies shall be determined in accordance with ASTM E 605, making not less than four measurements for each 1,000 square feet (93 m2) of the sprayed area in each story or portion thereof.			IBC 1704.12.4.2		PE/EIT; RA; SFSI	
b) The thickness of the sprayed fire-resistant material applied to structural members shall be determined in accordance with ASTM E 605. Thickness testing shall be performed on not less than 25 percent of the structural members on each floor.			IBC 1704.12.4.3		PE/EIT; RA; SFSI	
4. Density: The density of the sprayed fire-resistant material shall not be less than the density specified in the approved fire-resistance design. Density of the sprayed fire-resistant material shall be determined in accordance with ASTM E 605.			IBC 1704.12.5		PE/EIT; RA; SFSI	

**Project:**  
**Date Prepared:**

<p>5. Bond Strength: The cohesive/adhesive bond strength of the cured sprayed fire-resistant material applied to floor, roof and wall assemblies and structural members shall not be less than 150 pounds per square foot (psf) (7.18 kN/m<sup>2</sup>). The cohesive/adhesive bond strength shall be determined in accordance with the field test specified in ASTM E 736 by testing in-place samples of the sprayed fire-resistant material selected in accordance with Sections 1704.12.6.1 through 1704.12.6.3.</p>			<p>IBC 1704.12.6</p>		<p>PE/EIT; RA; SFSI</p>	
<p>a) Floor, roof and wall assemblies:  The test samples for determining the cohesive/adhesive bond strength of the sprayed fire-resistant materials shall be selected from each floor, roof and wall assembly at the rate of not less than one sample for every 2,500 square feet (232 m<sup>2</sup>) of the sprayed area in each story or portion thereof.</p>			<p>IBC 1704.12.6.1</p>		<p>PE/EIT; RA; SFSI</p>	
<p>b) Structural members:  The test samples for determining the cohesive/adhesive bond strength of the sprayed fire-resistant materials shall be selected from beams, girders, trusses, columns and other structural members at the rate of not less than one sample for each type of structural framing member for each 2,500 square feet (232 m<sup>2</sup>) of floor area or portion thereof in each story.</p>			<p>IBC 1704.12.6.2</p>		<p>PE/EIT; RA; SFSI</p>	

**Statement of Special Inspections – A/M/E/P**  
**FIRE-RESISTANT COATINGS**

<p>VERIFICATION AND INSPECTION</p> <p>2009 IBC Section 1704.13</p>	<p>Y/N</p>	<p><b>EXTENT:</b>  <b>CONTINUOUS;</b>  <b>PERIODIC;</b>  <b>SUBMITTAL</b></p>	<p>COMMENTS</p>	<p>AGENT</p>	<p>AGENT  QUALIFICATION</p>	<p>TASK  COMPLETED</p>
<p>1. Mastic and intumescent fire-resistant coatings. Special inspections for mastic and intumescent fire-resistant coatings applied to structural elements and decks shall be in accordance with AWCI 12-B. Special inspections shall be based on the fire-resistance design as designated in the approved construction documents.</p>			<p>IBC 1704.13</p>		<p>PE/EIT; RA; SFSI</p>	

**Project:**  
**Date Prepared:**

**Statement of Special Inspections – A/M/E/P**  
**EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)**

<b>VERIFICATION AND INSPECTION</b>	<b>Y/N</b>	<b>EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL</b>	<b>COMMENTS</b>	<b>AGENT</b>	<b>AGENT QUALIFICATION</b>	<b>TASK COMPLETED</b>
<b>2009 IBC Section 1704.14</b>						
1. Visual observation of the installation of EIFS systems without water-resistive barrier or without a means of draining moisture to the exterior.			IBC 1704.14		PE/EIT; RA	
2. Visual observation of the installation of EIFS systems. not installed over masonry or concrete walls.			IBC 1704.14		PE/EIT; RA	
3. Visual observation of the installation of ASTM E 2570-compliant water-resistive barrier coating over a sheathing substrate.			IBC 1704.14.1		PE/EIT; RA	

**Statement of Special Inspections – A/M/E/P**  
**SMOKE CONTROL**

<b>VERIFICATION AND INSPECTION</b>	<b>Y/N</b>	<b>EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL</b>	<b>COMMENTS</b>	<b>AGENT</b>	<b>AGENT QUALIFICATION</b>	<b>TASK COMPLETED</b>
<b>2009 IBC Section 1704.16</b>						
1. Smoke control systems shall be tested by a special inspector. The test scope shall be as follows:						
a. During erection of ductwork and prior to concealment for the purposes of leakage testing and recording of device location.			IBC 1704.16.1			
b. Prior to occupancy and after sufficient completion for the purposes of pressure difference testing, flow measurements, and detection and control verification.			IBC 1704.16.1			
2. Qualifications. Special inspection agencies for smoke control shall have expertise in fire protection engineering, mechanical engineering and certification as air balancers.			IBC 1704.16.2			

**Project:**  
**Date Prepared:**

**Final Report of Special Inspections – A/M/E/P** **A/P # :** \_\_\_\_\_  
[Note that all Special Inspector’s Final Reports must be received prior to final inspections by the City of Tulsa.]

Project:  
Location:  
Owner:  
Owner’s Address:

Engineer/Architect of Record: \_\_\_\_\_  
(name) (firm)

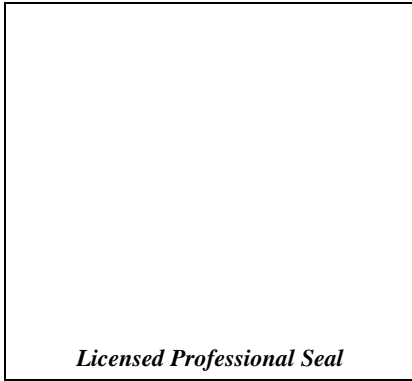
I, as the Registered Design Professional in Responsible Charge for this project, acknowledge receipt of all required interim and final reports, and hereby submit this final documentation that Special Inspections identified for this project have been administered, based upon the record of those reports.

Respectfully submitted,  
Registered Design Professional in Responsible Charge

\_\_\_\_\_  
(Type or print name)

\_\_\_\_\_  
(Firm Name)

\_\_\_\_\_  
Signature Date





**Project:**  
**Date Prepared:**

---

**Special Inspector's Final Report – A/M/E/P**

**A/P # :**

Project:

Special Inspector or  
Agent:

\_\_\_\_\_ *(name)*

\_\_\_\_\_ *(firm)*

Designation:

To the best of my information, knowledge and belief, the Special Inspections or testing required for this project, and designated for this Inspector/Agent in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved. The interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,  
Special Inspector:

\_\_\_\_\_  
(Type or print name)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
*Licensed Professional Seal or  
Certification Number*