



Statement of Special Inspections

Statement Date: _____

Project Name: _____

Building Permit Number: _____

Project Address: _____

Design Professional in Responsible Charge (DPIRC): _____

The following information is being submitted in accordance with the Special Inspection provisions of the North Carolina State Building Code. Attached is the Schedule of Special Inspections (SSI) required for this project. This completed form is required to be placed on the drawings for plan review. After permit issuance, a listing of the Special Inspection Firms (SIF) and the Designated Special Inspectors (DSI) for each inspection type will be attached to this form and uploaded to www.meck-si.com prior to scheduling the Pre-Construction Meeting with Mecklenburg County Code Enforcement. No work is permitted to be performed prior to the Special Inspections Pre-Construction Meeting (see the meck-si.com website for details).

This and all subsequent reports, logs, testing results, and other related SI documents shall be uploaded to the meck-si.com website within 10 business days of the event documented. Only documents that are prepared by Authorized Special Inspectors (ASI), and signed/sealed by Designated Special Inspectors (DSI) are valid and are permitted to be uploaded to the meck-si.com website. The DSI will notify the Department upon the discovery of information that would controvert the result of any information posted on meck-si.com, and update said information within 10 days.

The DSI is responsible for verifying all information on each document prior to signing/sealing and uploading it. The DSI is responsible for verifying each document that is uploaded and stored on the meck-si.com website, is the correct document and it is associated with the correct attributes for storage in the database on meck-si.com. The DSI is responsible for deleting any documents that have incorrect attributes or contain errors, and reloading the correct information or document onto meck-si.com. The DSI is responsible for verifying all ASIs maintain current certifications during the course of the project, as failure to maintain current certifications may result in a voided document. At the conclusion of each individual Special Inspection type, the DSI will complete a Final Report and upload it to the meck-si.com website. The DPIRC is responsible for completing the DPIRC Letter at the conclusion of all Special Inspections.

The Special Inspection program outlined herein, does not relieve the Contractor or any other entity of any contractual duties, including quality control, quality assurance, or safety. The Contractor is solely responsible for construction means, methods, and job site safety. Failure to adhere to the SI program as outlined herein, and on meck-si.com, may result in a stop work notice being issued by the Department.

Respectfully submitted,
The Design Professional in Responsible Charge,

Type or Print Name

Signature

Date

Licensed Professional Seal



MECKLENBURG COUNTY Code Enforcement

www.meck-si.com

Project Name: _____

Date: _____

Posse Permit #: _____

Revised Date: _____

Bldg. Address: _____

Instructions for completing the Schedule of Special Inspections Form

1. Indicate the Inspection Type (IT#) required for this project per NCSBC Section 1704.
2. Indicate whether Special Inspections are continuous, periodic or both, by checking the appropriate box.
3. Insure the scope meets NCSBC Section 1704 and other applicable standards for each Inspection Type.

The construction divisions which require inspections for this project are as follows:

IT-1 VERIFICATION OF SOILS

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Verification of Soils, 1704.7 & Chapter 18 NCSBC	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-2 EXCAVATION AND FILLING

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Excavation and Filing, NCSBC Section 1704.7 and 3304	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-3 PILING AND DRILLED PIERS

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Piling and Drilled Piers, NCSBC Section 1704.8-9, 1802.2.4 and 1807-11	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		



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IT-4 MODULAR RETAINING WALLS

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Modular Retaining Walls, NCSBC Section 1610 and 1704.13	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-5 REINFORCED CONCRETE

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Inspection of reinforcing steel, including pretesting tendons, and placements. ACI 318:3.5, 7.1-7.7 1903.5, 1907.1, 1907.7, 1914.4	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Inspection of reinforcing steel welding in accordance with Table 1704.3, Item 5B. AWS D1.4, ACU 318:3.5.2, 1903.5.2	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased. 1912.5	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Verifying use of required design mix. ACI 318: Ch. 4, 5.2-5.4, 1904, 1905.2, 1905.4, 1914.2, 1914.3	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Sampling fresh concrete and performing slump, air content and determining the temperature of fresh concrete at the time of making specimens for strength tests. ASTM C 172, ASTM C 31, ACI 318: 5.6, 5.8, 1905.6, 1914.10	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Inspection of concrete and shotcrete placement for proper application techniques. ACI 318: 5.9, 5.10, 1905.9, 1905.10, 1914.6, 1914.7, 1914.8	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Inspection for maintenance of specified curing temperature and techniques. ACI 318: 5.11, 5.13, 1905.11, 1905.13, 1914.9	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Inspection of prestressed concrete: (A) Application of prestressing forces. (B) Grouting of bonded prestressing tendons in the seismic-force-resisting system. ACI 318: 18.18, ACI 318: 18.16.4	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Erection of precast concrete members. ACI 318: Ch. 16	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Verification of in-situ concrete strength, prior to stressing of tendons in positioned concrete, add prior to removal of shores and forms from beams and structural slabs. ACI 318: 6.2, 1906.2	<input type="checkbox"/>	<input type="checkbox"/>		



<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-6 POST TENSION SLAB-ON-GROUND AND POST TENSION CONCRETE

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	All prestressed concrete design in construction to be in accordance with ACI 318.99 (NCSBC), 1704.4 Item 10	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-7 PRECAST CONCRETE ERECTION

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Precast Concrete Erection, NCSBC Table 1704.4, Item 9	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Precast concrete fabricated in a plant, which is certified. NCSBC 1704.2	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-8 PRESTRESSED CONCRETE

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	All prestressed concrete design and construction to be in accordance with ACI 318.99 (NCSBC)	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-9 INSPECTION OF PRE-CAST CONCRETE FABRICATORS

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Inspection of fabricators to be in accordance with the requirements set forth in the NCSBC Sec. 1704.2	<input type="checkbox"/>	<input type="checkbox"/>		



<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
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IT-10 INSPECTION OF STRUCTURAL STEEL FABRICATORS

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Welding inspections shall be in compliance with AWS D1.1. The base for welding for qualifications shall be AWS D1.1. (NCSNC)	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-11 STRUCTURAL MASONRY

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	As masonry construction begins, the following shall be verified to ensure compliance: (A) Proportions of site prepared mortar. (B) Construction of mortar joints. (C) Location of reinforcement and connectors. Art .2.6A, Art. 3.3B, Art. 3.4	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	The inspection program shall verify: (A) Size and location of structural elements. (B) Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction. (C) Specified size, grade and type of reinforcement. (D) Welding of reinforcing bars. (E) Protection of masonry during weather (temperature below 40° F) or hot weather (temperature above 90° F). Sec. 2108.9.2.11, Item 2, Sec. 2104.3, 2104.4, ACI Sec. 1.15.4, 2.1.2, Sec. 1.12, Sec 2.1.8.6, 2.1.8.6.2, ACI 3.3G, Art. 2.4, 3.4, Art.1.8	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Prior to grouting, the following shall be verified to ensure compliance: (A) Grout space is clean. (B) Placement of reinforcement and connectors. (C) Proportions of site-prepared grout. (D) Construction of mortar joints. Sec. 1.12, Art. 3.2D, Art. 3.4, Art. 2.6B, Art. 3.3B	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Grout placement shall be verified to ensure compliance with code and construction provisions. Art. 3.5	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Preparation of any required group specimens, mortar specimens and/or prisms shall be observed. Sec. 2105.3, 2105.4, 2105.5, Art. 1.4	<input type="checkbox"/>	<input type="checkbox"/>		



<input type="checkbox"/>	Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified. Art. 1.5	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-12 WELDING

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Welding inspections shall be in compliance with AWS D1.1. The base for welding for qualifications shall be AWS D1.1. (NCSNC)	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-13 HIGH-STRENGTH BOLTING AND STEEL FRAME INSPECTION

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Installation of high strength bolts shall be inspected in accordance with AISC specifications (ASTM 325 or ASTM 490) Bolts must be in accordance with AISC ASD or AISC LRFD	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Material verification of high-strength bolts, nuts and washers. (A) Identification markings to conform to ASTM standards specified in the approved construction documents. (B) Manufacturer's certificate of compliance required. ASTM, AISC ASD, Sec. A3.4, AISC LRFD, Sec. A3.3	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Inspection of high-strength bolting: Bearing-type connections. AISC LRFD Sec. M2.5, 1704.3.3	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Inspection of high-strength bolting: Slip-critical connections. AISC LRFD Sec. M2.5, 1704.3.3	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Material verification of structural steel: (A) Identification markings to conform to ASTM standards specified in the approved construction documents. (B) Manufacturer's certified mill test reports. ASTM A 6 or ASTM A 568, 1708.4	<input type="checkbox"/>	<input type="checkbox"/>		



<input type="checkbox"/>	Material verification of weld filler materials. (A) Identification markings to conform to AWS specification in the approved construction documents. (B) Manufacturer's certificate of compliance required. AISC, ASD, Sec. A3.6, AISC LRFD, Sec. A3.5	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Inspection of welding: (A) Structural steel. (1) Complete and partial penetration groove welds. (2) Multi-pass fillet welds. (3) Single-pass fillet welds . 5/16" (7.9 mm). (4) Floor and deck welds. (B) Reinforcing steel. (1) Verification of weldability of reinforcing steel other than ASTM A 706. (2) Reinforcing steel-resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special reinforced concrete shear walls, and shear reinforcement. (3) Shear reinforcement. (4) Other reinforcing steel. AWS D1.1, AWS D1.3, AWS D1.4, ACI 318: 3.5.2, 1704.3.1, 1903.5.2	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Inspection of steel frame joint details for compliance with approved construction documents: (A) Details such as bracing and stiffening. (B) Member locations. © Application of joint details at each connection. 1704.3.2	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-14 SPRAYED FIRE-RESISTANT MATERIALS

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Spray - applied fire resistant materials, NCSBC 1704.11	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-15 EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	EIFS, NCSBC 1704.5	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		



IT-16 SEISMIC RESISTANCE

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	A quality assurance plan with seismic requirements shall be provided in accordance with Section 1704.	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-17 SMOKE CONTROL

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Inspection of smoke control, NCSBC 1704.14.2	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-18 DETENTION BASIN

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>	Detention basin, NCSBC 1704.13	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

IT-19 SPECIAL CASES

CHECK IF REQUIRED	INSPECTION TASK (Standard & Code Reference)	CONTINUOUS INSPECTIONS	PERIODIC INSPECTIONS	SPECIAL INSPECTIONS FIRM	NOTES & SCOPE
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		