

**Statement of Special Inspections**

CASE Council of American Structural Engineers

Moorefield Engineering, P.C.  
University Commercial Center  
7990 North Point Blvd., Suite 209  
Winston-Salem, North Carolina 27016

Project: Cook Out -- MEPC#: 16-19; Date: March 11, 2019  
Location: 4455 Main Street, Charlotte, North Carolina  
Owner: Cook Out Restaurants -- Jeremy Reaves  
Owner's Address: 15 Laura Lane, Suite 300, Thomasville, NC 27360

Architect of Record: Lindsey Architecture  
Structural Engineer: Moorefield Engineering, P.C.

This *Statement of Special Inspections* is submitted as a condition for permit issuance in accordance with the Special Inspection requirements of the Building Code. It includes a Schedule of Special Inspection Services applicable to this project as well as the name of the Special Inspector and the identity of other approved agencies intended to be retained for conducting these inspections.

The Special Inspector shall keep records of all inspections and shall furnish inspection reports to the Building Official, Structural Engineer and Architect of Record. 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, Structural Engineer and Architect of Record. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official, Owner, Structural Engineer and Architect of Record.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of Certificate of Use and Occupancy.

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

Interim Report Frequency: \_\_\_\_\_ or  per attached schedule.

Prepared by:

Justin K. Plaisted, P.E.

*Justin K. Plaisted*  
Signature

3/11/19  
Date



Owners Authorization:

Building Official's Acceptance:

Signature

Date

Signature

Date

Project: Cook Out -- Charlotte, North Carolina

**Schedule of Special Inspection Services**

The following sheets comprise the required schedule of special inspections for this project. The construction divisions which require special inspections for this project are as follows:

- Soils and Foundations
- Cast-in-Place Concrete
- Precast Concrete
- Masonry
- Structural Steel
- Cold-Formed Steel Framing
- Spray Fire Resistant Material
- Wood Construction
- Exterior Insulation and Finish System
- Mechanical & Electrical Systems
- Architectural Systems -- Wall and Roof Cladding
- Special Cases

Inspection Agents	Firm	Address
1. Special Inspector	Inspector shall meet minimum qualifications given on sheet 3 and be approved by the structural engineer of record.	To be selected by owner
2. Inspector	Inspector shall meet minimum qualifications given on sheet 3 and be approved by the structural engineer of record.	To be selected by owner
3. Testing Laboratory	Qualified testing agency approved by the structural engineer of record.	To be selected by owner
4.		
5.		
6. Other		

Note: The inspection and testing agent shall be engaged by the Owner or Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official prior to commencing work.

Seismic Design Category: C

Basic Wind Speed: 150 MPH (Vult) -- ASCE 7-10

Wind Exposure Category: B

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**Qualifications of Inspectors and Testing Technicians**

The qualifications of all personnel performing Special Inspection activities are subject to the approval of the Building Official. The credentials of all inspectors and testing technicians shall be provided if requested.

It is recommended that the person administering the Special Inspections program be a Structural Engineer or a Professional Engineer experienced in the design of buildings.

**Key for Minimum Qualifications of Inspections Agents:**

When the Structural Engineer of Record deems it appropriate that the individual performing a stipulated test or inspection have a specific certification or license as indicated below, such designation shall appear below the *Agent Number* on the *Schedule of Special Inspections*.

**SE Structural Engineer** -- a licensed SE or PE specializing in the design of building structures. This may be required for the inspection of critical structural elements.

**GE Geotechnical Engineer** -- a licensed PE specializing in soil mechanics and foundations. This may be required for the inspection of difficult soil conditions or deep foundations.

**EIT Engineer-In-Training** -- a graduate engineer who has passed the Fundamentals of Engineering examination. This may be required for the inspection of elements that require some engineering training to properly evaluate.

**ACI American Concrete Institute -- Level I Certified Concrete Field Testing Technician.** This certification is appropriate for individuals performing concrete sampling, slump tests, air content tests, temperature tests, unit weight tests, and casting compression test cylinders.

**AWS American Welding Society -- Certified Welder Inspector (CWI).** This certification is appropriate for individuals performing visual inspection of welds.

**ASNT American Society of Non-Destructive Testing -- Level II or III.** This certification is appropriate for individuals performing ultra-sonic testing.

**SMSI Structural Masonry Special Inspector** -- certification by ICBO.

**SWSI Structural Steel and Welding Special Inspector** -- certification by ICBO.

**SFSI Spray-Applied Fireproofing Special Inspector** -- certification by ICBO.

**PCSI Prestressed Concrete Special Inspector** -- certification jointly sponsored by ICBO, BOCA and SBCCI with participation from ACI and PCI.

**BCSI Reinforced Concrete Special Inspector** -- certification jointly sponsored by ACI, ICBO, BOCA and SBCCI.

**Schedule of Special Inspection Services**

**Cold-Formed Steel Framing**

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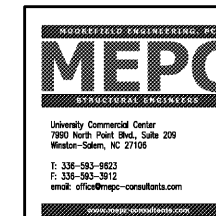
Item	Agent No. (Qualif.)	Scope
1. Member Sizes	SE, EI, or Testing Agency	Periodic inspection to verify member sizes installed as specified.
2. Material Thickness	SE, EI, or Testing Agency	Review delivered studs to verify specified member gages are provided.
3. Material Properties	SE	Supplier to provide documentation to structural engineer of record that materials to be provided meet referenced standards and specifications.
4. Mechanical Connections	Testing Agency	Periodic review to verify compliance with structural drawings.
5. Welding	AWS SWSI Testing Agency	Periodic review of welds and screws to studs/bolts.
6. Framing Details	Testing Agency	Periodic review to verify compliance with structural drawings.

**Schedule of Special Inspection Services**

**Architectural Systems**

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Item	Agent No. (Qualif.)	Scope
1. Wall Panels & Veneer	Testing Agency	Periodic inspection during the erection and fastening of exterior cladding (weighing greater than 5 pounds per square foot), interior or exterior non-load bearing walls (greater than 30 feet in height), and veneer (weighing greater than 5 pounds per square foot).
2. Cladding	AOR or Testing Agency	Supplier to submit data indicating panel system to meet the 150mph (Vult) wind zone pressures as applicable for interior, edge, and corner zones.  Periodic inspection during the erection and fastening of the exterior cladding



MEPC NO.: 16-19



FIRM REGISTRATION NO.: C-1323



DATE	DESCRIPTION	REVISION

**STATEMENT OF SPECIAL INSPECTIONS**

DATE: 03-11-2019  
DRAWN BY: JKP  
CHECK BY: JUM  
JOB NO.: 16-010