

**ADDENDUM NUMBER ONE**

for

**USC Taylor House Phase II Renovations  
Project No.: U-858-17-2  
State Project Number: H27-Z366**

COLUMBIA, SOUTH CAROLINA

PREPARED BY:

The Boudreaux Group 1519 Sumter Street, Columbia, South Carolina 29201

DATE OF ISSUE: July 20, 2018

TO: ALL BIDDERS OF RECORD, CONSULTANTS, OWNER:

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

**CONTRACTOR SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM.**

This addendum consists of 2 pages and the following attachments: Prebid Meeting Minutes and Sign-In Sheet, Specification Section 014100 "Special Inspections".

**I. GENERAL CLARIFICATIONS:**

1. **Building Tour:** An additional time to tour the building will be offered by the owner on Tuesday, July 24<sup>th</sup>, 2018 from 9:00am – 10:00 am.
2. **Lead Abatement Clarification:** Contractor is to be aware that minimal demolition of plaster containing lead paint is included in this project and will require lead-based paint abatement and repairs.

**II. Specifications:**

1. See attached revised specification 014100 "Special Inspections."

2. Approved Equals: Xtreme 15 mil Vapor Barrier by Tex-Trude is an approved equal to the Basis-of-design product indicated in Section 072600 "Vapor Retarders".

END OF ADDENDUM

## Pre-Bid Meeting Minutes

Date: July 19, 2018  
Location: USC Facilities Office, 1600 Pickens Street  
Project Name: USC Taylor House Phase II Renovations  
Project No: U-858-17-2  
State Proj. No.: H27-Z366

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### Attendees:

<u>NAME</u>	<u>COMPANY</u>
See attached sign-in sheet	

*\*This memorandum conveys our understanding of the topics discussed and agreements reached. Each person receiving a copy of this memorandum is requested to review same and advise The Boudreaux Group, Inc. of any errors or omissions.*

A meeting was held at 10:00 am on July 19, 2018 to discuss preconstruction bidding requirements for the USC Taylor House Phase II Renovations project. The following items were noted:

1. Bids will be due 7/31/18 by 2:00 pm to USC Facility Services as indicted on the SE-310. Bidders shall be responsible for having their bid at the designated place for receiving bids no later than the time set for bid opening. Bidders are responsible for thoroughly reviewing all documents and submitting bid with all required forms and information. Once the bidding has been declared closed, all late bids, including bids improperly delivered, shall be rejected as being nonresponsive.
  - a. **Deadline for questions for clarification: 12:00 pm on Tuesday, July 24th, 2018.**
  - b. It is the contractor's responsibility to ensure that, prior to submitting a bid, all addenda issued have been received. Check on the USC website <http://purchasing.sc.edu> for addenda and drawings and specifications issued for the project.
2. Bidders are to provide the Bid Bond and Payment and Performance Bonds as indicated in the project documents, and check the appropriate box on the Bid Form SE-330. Bids without proper bid security shall be rejected as nonresponsive. Bid bonds are to be submitted on AIA Document A310 Bid Bond.
3. Provide all insurance requirements as indicated in the specifications.
4. All questions should be issued to the architect in writing. Contact information for the architectural representative is below.

Karen Quinn, [kquinn@boudreauxgroup.com](mailto:kquinn@boudreauxgroup.com)  
fax number: 803-771-6844  
phone number: 803-799-0247

6. Schedule/Phasing:
  - a. Substantial Completion Date: 270 days after date of commencement - to be set in the notice to proceed
  - b. refer to bid form for liquidated damages (sum of \$250 per day past substantial completion)
  
7. Items for Bid Form SE-330:
  - a. Item 2 - bidders to indicate the form of bid security
  - b. item 3 - bidders shall acknowledge all addenda, and provide pricing for alternates and unit prices.
  
8. Temporary Facilities:
  - i. Maintain services and utilities to adjacent buildings at all times; can use water and power at building; contractor to provide own toilet facilities.
  - ii. contractor's laydown area - minimal storage of materials on site, only what will be used; do not damage landscape materials
  - iii. storage of materials - contractor to secure and insure materials stored on site
  - iv. Access to the loading/unloading area of the law school (to the Carriage House doors) is to remain accessible at all times, as owner receives daily deliveries to this area.
  
9. Special Conditions on the project
  - a. Building is listed as individual landmark on the National Register. As such, care should be taken to follow the historic preservation guidelines included with the drawings and specifications.
  - b. Some limited lead paint removal is part of the project due to demolition required, and contractor should have certification in lead paint abatement. A lead paint report is available from the owner upon request.
  - c. Items to be stored - provide an inventory to owner and architect of items, can use the adjacent Horry Guignard house for storage of these items (chandeliers, other existing lighting, etc.). Place at location indicated by the owner, will establish at pre-construction meeting. Do not dispose of material without consent of architect and owner.
  - d. Contractor is responsible for all testing and fees outlined in the specifications. Owner will provide testing for any special inspections.
  
10. Tours of the site - offered immediately after the prebid meeting. The building will be open for an additional viewing time from 9-10am, Tuesday, July 24<sup>th</sup>.
  
11. Questions and comments: No questions were received at this meeting.

**University of South Carolina  
Pre Bid Sign In Sheet  
Columbia, South Carolina**

Project Name: Taylor House Phase II Renovations  
 Project Number: H27-2366  
 Pre Bid Date & Time: July 19, 2018 at 10:00 am

SWMBE?	Name	Company Name	Address	Phone #	Email
Yes No	Juaquana Brookins	USC	1300 Pickens St, Columbia SC 29208	803.777.3596	ibrookin@fmc.sc.edu
Yes No	ENOCH BROWN	CMI	1829 Killingsworth Rd. AUGUSTA, GA 30904	#706 667-9033	enochb@contractmgmtinc.com
Yes No	David Ellis	Huss, Inc.	1005 Saint Andrews Blvd	843-937 -0023	David@hussinc.com
Yes No	Chris Smyrl	Premier Windows of SC	P.O. BOX 292866 Columbia, SC 29229	803 600-2432	CSmyrl@pwanad.com
Yes No	Tammie Steiner	Larry Axtment Assoc	1249 Gordon Pk Rd Augusta, GA 30901	803-873- 3911	twilliams@lpa-ga.com
Yes No	Jamie Tupper	Sumwalt Assoc	P.O. BOX 6576 Columbia, SC 29260	787-8717	Ftupper@sumwalt.com
Yes No	Thatcher Hurst	USC	1300 Pickens St	457-5739	Hurstth@mailbox.sc.edu
Yes No	Karen Quinn	Bandreak	1519 Sumter Street Columbia, SC 29201	799-0247	kquinn@bandreakgroup.com
Yes No					

\*\*\*\*By signing this sheet you agree to receive information electronically.

## SECTION 014100 - SPECIAL INSPECTIONS AND TESTING

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. This Section includes administrative and procedural requirements for special inspections.
- B. Special inspection services are required to verify compliance with requirements specified or indicated. These services do not relieve Contractor of responsibility for compliance with the Contract Document requirements.
- C. The owner will hire a Special Inspections firm to perform special inspections testing and monitoring, and is to submit reports and other items indicated in this specification section unless noted otherwise. Contractor is to cooperate with owner's testing agency and is to allow they appropriate level of access to the work. Refer to Quality Control section of this specification.
- D. Related Sections include the following:
  - 1. Division 1 Section "Quality Requirements" for other quality assurance and quality control requirements not indicated in this Section.
  - 2. Divisions 2 through 33 Sections for specific and additional requirements.

#### 1.2 SUBMITTALS

- A. Reports: Prepare and submit certified written reports that include the following:
  - 1. Date of issue.
  - 2. Project title and number.
  - 3. Name, address, and telephone number of inspecting agency.
  - 4. Dates and locations of inspections.
  - 5. Names of individuals making inspections.
  - 6. Description of the Work and inspection method.
  - 7. Identification of product and Specification Section.
  - 8. Complete test or inspection data.
  - 9. Test and inspection results and an interpretation of results.
  - 10. Record of temperature and weather conditions at time of sample taking and testing and inspecting.
  - 11. Comments or professional opinion on whether tested or inspected Work complies with the Contract Document requirements.
  - 12. Name and signature of inspector.
  - 13. Recommendations on retesting and reinspecting.
- B. Permits, Licenses, and Certificates: For Owner's records, submit copies of permits, licenses, certifications, inspection reports, releases, correspondence, records, and similar documents, established for compliance with standards and regulations bearing on performance of the Work.

### 1.3 QUALITY ASSURANCE

- A. **Professional Engineer Qualifications:** A professional engineer who is legally qualified to practice in jurisdiction where Project is located and who is experienced in providing engineering services of the kind indicated. Engineering services are defined as those performed for installations of the system, assembly, or product that are similar to those indicated for this Project in material, design, and extent.
- B. Statement of Special Inspections: Per 2015 IBC Section 1704.3.1**
1. Content of Statement of Special Inspections:
    - a. The materials, systems, components and work required to have special inspections has been determined by the registered design professional of responsible charge as identified in this specification section.
  2. Type and Content of each Special Inspection and Testing:
    - a. Refer to Schedule of Special Inspections provided in this specification section.
  3. The type and frequency of Special Inspections required are also listed on the Schedule of Special Inspections included at the end of this Section. Refer to the indicated specification reference for additional detail including whether each type of special inspection is periodic or continuous.
  4. Testing and Special Inspections Reports shall be prepared on a weekly basis and shall contain copies of all Daily Reports, Discrepancy Notices, and any other reports as described in section 1.2.A above. The Weekly report shall be distributed to the following parties:
    - a. Architect of Record: The Boudreaux Group
    - b. Contractor: TBD
    - c. Owner: University of South Carolina
- C. Statement of Special Inspections for Seismic Resistance: Per 2015 IBC Sections 1704.3.2.**
1. Seismic Category C
  2. The Special Inspections for the seismic force resisting systems for this Project are listed on the Schedule of Special Inspections included at the end of this Section. Refer to the indicated specification reference for additional detail including whether each type of special inspection is periodic or continuous.
  3. Testing:
    - a. Submit certificates of compliance as required in Submittal paragraphs listed in specification reference column of "Schedule of Special Inspections".
  4. The type and frequency of Special Inspections required are listed on the Schedule of Special Inspections included at the end of this Section.

5. Testing and Special Inspections Reports shall be prepared on a weekly basis and shall contain copies of all Daily Reports, Discrepancy Notices, and any other reports as described in section 1.2.A above. The Weekly report shall be distributed to the following parties:
  - a. Architect of Record: The Boudreaux Group
  - b. Contractor: TBD
  - c. Owner: University of South Carolina
  - d. Civil Engineer of Record: RB Todd & Associates
  - e. Structural Engineer of Record: Johnson & King Engineers
  - f. Mechanical Engineer of Record: Swygert & Associates
  - g. Electrical Engineer of Record: Belka Engineering Assoc.
6. An architect from The Boudreaux Group will perform regular observations of the construction progress for general conformance with the Contract Documents.
7. An Engineer from RB Todd & Associates Group will perform regular observations of the sitework construction progress for general conformance with the Contract Documents.
8. An Engineer from MECA will perform mechanical observations of the mechanical and plumbing systems for general conformance with the Contract Documents at significant construction stages and at completion of the Project.
9. An Engineer from Mabry Engineering Associates will perform observations of the structural systems for general conformance with the Contract Documents at significant construction stages and at completion of the structure.
10. An Engineer from Belka Engineering Associates will perform mechanical observations of the electrical systems for general conformance with the Contract Documents at significant construction stages and at completion of the Project.
11. A report of each observation will be prepared and distributed to the Architect for distribution to the Contractor, and Owner and Special Inspections Testing Agency.

#### 1.4 QUALITY CONTROL

- A. Responsibilities:
  1. Owner: Pay for initial services indicated in this Section.
  2. Contractor: Pay for retesting and re-inspecting services, if initial services failed to comply with the Contract Documents.
- B. Refer to Division 1 Section "Quality Requirements" for other quality assurance and quality control requirements not indicated in this Section.
- C. Associated Services: Contractor to cooperate with personnel performing required inspections and provide reasonable auxiliary services as requested. Provide the following:
  1. Access to the Work.
  2. Incidental labor and facilities necessary to facilitate tests and inspections.
  3. Adequate quantities of representative samples of materials that require testing and inspecting. Assist agency in obtaining samples.



4. Facilities for storage and field curing of test samples.
  5. Delivery of samples to testing agencies.
  6. Preliminary design mix proposed for use for material mixes that require control by testing agency.
  7. Security and protection for samples and for testing and inspecting equipment at Project site.
- D. Coordination: Contractor to coordinate sequence of activities to accommodate required special inspections with a minimum of delay and to avoid necessity of removing and replacing construction to accommodate testing and inspecting.
1. Statement of Special Inspections: As indicated at end of this Section.
  2. Schedule of Special Inspection Services: As indicated at end of this Section.

### 1.5 SPECIAL TESTS AND INSPECTIONS

- A. Special Tests and Inspections: Conducted by the qualified special inspector or agency indicated, as required by authorities having jurisdiction, and as indicated in Schedule of Special Inspection Services at end of this Section.

## PART 2 - PRODUCTS (Not Used)

## PART 3 - EXECUTION

### 3.1 TEST AND INSPECTION LOG

- A. Prepare a record of tests and inspections. Include the following:
1. Date test or inspection was conducted.
  2. Description of the Work tested or inspected.
  3. Date test or inspection results were transmitted to Architect.
  4. Identification of testing agency or special inspector conducting test or inspection.
- B. Maintain log at Project site. Post changes and modifications as they occur. Provide access to test and inspection log for Architect's reference during normal working hours.
- C. Refer to Division 1 Section "Quality Requirements" for other tests and inspections not indicated in this Section.

### 3.2 REPAIR AND PROTECTION

- A. General: On completion of testing, inspecting, and similar services, repair damaged construction and restore substrates and finishes.
1. Provide materials and comply with installation requirements specified in other Specification Sections. Restore patched areas and extend restoration into adjoining areas with durable seams that are as invisible as possible.
  2. Comply with the Contract Document requirements for Division 1 Section "Cutting and Patching."
- B. Protect construction exposed by or for quality-control service activities.
- C. Repair and protection are Contractor's responsibility.

### STATEMENT OF SPECIAL INSPECTIONS

**PROJECT NAME:** University of South Carolina – Taylor House Phase II Renovations

**ARCHITECT/ENGINEER:** The Boudreaux Group / Johnson & King Engineers

The following firms and/or individuals are designated to perform the Special Inspections of the material or work designated below. The firms and /or individuals have the experience, qualifications, certifications and/or licenses required to perform the Special Inspections indicated.

**Material/Work to be Inspected: Wood Framing**

Firm/Individual Name: To Be Determined  
Address:

**Material/Work to be Inspected: Concrete and Reinforcing**

Firm/Individual Name: To Be Determined  
Address:

**Material/Work to be Inspected: Masonry**

Firm/Individual Name: To Be Determined  
Address:

**Material/Work to be Inspected: Soils**

Firm/Individual Name: To Be Determined  
Address:

Responsibilities of the special inspectors are indicated on the attached **Schedule of Special Inspections**. Discrepancies shall be brought to the immediate attention of the Contractor so that corrective action can be taken in a timely manner. Copies of all test reports and test data shall be obtained from the inspectors by the A/E on a timely basis.

The Boudreaux Group; Karen G. Quinn, AIA, Project Manager  
(Print or Type Name of A/E Representative)



04/23/18

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

## STATEMENT OF SPECIAL INSPECTIONS

**PROJECT NAME:** University of South Carolina – Taylor House Phase II Renovations

**ARCHITECT/ENGINEER:** The Boudreaux Group / Swygert & Associates / Belka Engineering Associates

The following firms and/or individuals are designated to perform the Special Inspections of the material or work designated below. The firms and /or individuals have the experience, qualifications, certifications and/or licenses required to perform the Special Inspections indicated.

**Material/Work to be Inspected:** Mechanical and Plumbing Components

Firm/Individual Name: To Be Determined  
Address:

Firm/Individual Name: Swygert & Associates  
Address: 1315 State Street, Cayce, SC 29033

**Material/Work to be Inspected:** Electrical Components

Firm/Individual Name: To Be Determined  
Address:

Firm/Individual Name: Belka Engineering  
Address: 7 Clusters Court, Suite 201, Columbia, SC 29210

Responsibilities of the special inspectors are indicated on the attached **Schedule of Special Inspections**. Discrepancies shall be brought to the immediate attention of the Contractor so that corrective action can be taken in a timely manner. Copies of all test reports and test data shall be obtained from the inspectors by the A/E on a timely basis.

The Boudreaux Group; Karen G. Quinn, AIA, Project Manager  
(Print or Type Name of A/E Representative)



04/23/18

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

**SCHEDULE OF SPECIAL INSPECTIONS AND TESTING**

Under the Provisions Section 1704 of 2015 IBC, and Chapter 1 of the 2015 IBC, and for Miscellaneous Areas

Project Name: University of South Carolina – Taylor House Phase II Renovations

**FABRICATORS (IBC 1704.2.5.2)**

<input type="checkbox"/> Approved Fabricator	Yes	No <input checked="" type="checkbox"/>
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<input type="checkbox"/> Approved Fabricator	Yes	No
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IF CERTIFIED STEEL FABRICATION SHOP, FILL IN BELOW:

Fabricators Name:	
Fabricators Plant Location:	

Required in-plant Inspections  Steel Construction  Welding  Details

**STEEL (IBC 1704.3, AISC 360 & AWS)**

Item

Detailed Instructions and Frequencies

High Strength Bolting	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	
WELDING	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	
Complete & partial penetration groove welds	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	
Multi-pass fillet welds	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	
Single-pass fillet welds >5/16"	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	
Single-pass fillet welds ≤5/16"	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Diagonal bracing welds	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Floor & roof deck connection	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
REINFORCEMENT STEEL	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Verification of weldability	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Shear wall and shear reinforcement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Other reinforcement	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	N/A
Steel frame joint details	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	
Light gage wall and deck framing member sizes and connections	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	

**CONCRETE CONSTRUCTION (IBC 1705.3)**

Item

Detailed Instructions and Frequencies

Materials (1704.4.1)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Obtain certificates or submit all materials
Steel placement	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Inspect prior to concrete pour
Steel welding	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Bolts prior & during placement	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Inspect all anchor bolt placement, adhesive & grout anchors.
Use of required design mix	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Verify 100% delivery tickets.
Concrete sampling for strength test, slump, air content, and temperature of concrete	<input checked="" type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	Every 50 C.Y. or once for every type mix for each day.
Concrete placement	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Each Pour
Curing temperature and techniques	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Each Pour

Pre-stressed concrete	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Pre-cast concrete	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Posttensioned concrete	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Form work	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A

MASONRY CONSTRUCTION (IBC 1705.4)

Item

Detailed Instructions and Frequencies

**As masonry construction begins: Also refer to Specification Section 042000 Unit Masonry**

Site prepared mortar	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Twice each week
Construction of mortar joints	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Twice each week
Location of reinforcement, connectors, pre-stressing tendons and anchorages	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Prior to laying masonry at CMU back up at brick piers near building entrances
Pre-stressing technique	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Grade and size of pre-stressing tendons and anchorages	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
<b>Inspection program verify:</b>			
Size and location of structural elements	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Twice each week if not previously reviewed
Post-installed anchors	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Verify compliance with Manufacturer's Printed Installation Instructions (MPII) before each type anchor is first installed. Then inspect anchor installation each day.
Type, size and location of anchors	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Twice each week
Size, grade and type of reinforcement	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Twice each week
Welding of reinforcement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Cold and hot weather protection	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Twice each week
Application and measurement of pre-stressing force	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
<b>Prior to grouting verify:</b>			
Clean grout space	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Before each pour
Placement of reinforcement	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Before each pour
Grout mix	<input checked="" type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	Verify site mixed proportion are in accordance with ASTM C 476
Mortar joints	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Twice each week, periodic observation of mortar batching for correct and consistent procedure.
Grout placement	<input checked="" type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	Shall be continuous of grouting of reinforced concrete masonry.
Grout specimens and prisms	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Each day's pour
Construction and submittal compliance verification	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	
Empirical masonry – Cat. I-III (1708.1.1)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Empirical masonry – Cat. IV (1708.1.1)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Engineered masonry – Cat. I-III	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A

(1708.1.1)			
Engineered masonry – Cat. IV (1708.1.1)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Engineering & pre-stressing steel (1708.3)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Non-structural component (1708.4)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	
Qualification of mechanical & electrical equipment (1708.5)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	SEE MECHANICAL AND ELECTRICAL
Seismically isolated structures (1708.6)	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Testing for seismic resistance is	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A

**WOOD CONSTRUCTION (IBC 1705.5)**

**Item**

**Detailed Instructions and Frequencies**

Prefabricated elements & assembly	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Wood floor sheathing nailing	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Framing member sizes, grades, spacing and connectors	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Inspect framing and connections to structure weekly.

**SOILS CONSTRUCTION (IBC 1705.6)**

**Item**

**Detailed Instructions and Frequencies**

Site preparation	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	
Site fill material	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Classification and testing of compacted fill materials to ensure compliance with requirements (Specification 31 20 00, section 2.1, 3.19)
Site fill lift thickness	<input checked="" type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	Determine that thickness of fill lifts complies with requirements (Specification 31 20 00, Section 3.17)
Site fill soil densities	<input checked="" type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	Determine, at required frequency, that in-place density of compacted fill complies with requirements. (Spec. 31-20-00, section 3.17 & 3.19)
Backfill soils materials	<input checked="" type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	Classification and testing of compacted backfill materials to ensure compliance with requirements (Specification 31 20 00, section 2.1 & 3.19)
Backfill soil densities	<input checked="" type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	Determine, at required frequency, that in-place density of compacted backfill complies with requirements (Spec 31-20-00, section 3.19)
Excavation Depth	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Verify excavations are extended to proper depth and have reached proper material (Spec 31-20-00, section 3.4, 3.5, 3.6, 3.7, 3.8 & 3.9)

PIER FOUNDATIONS (IBC 1705.7 through 1705.9)

Item	Detailed Instructions and Frequencies		
Observe drilling operation and reporting	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Verify placement & installation data	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A

SPECIAL INSPECTIONS FOR WIND RESISTANCE (IBC 1705.10)

Item	Detailed Instructions and Frequencies		
Structural Wood	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Cold-formed steel light-frame construction	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Wind-resisting components	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A

SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE (IBC 1705.11)

Item	Detailed Instructions and Frequencies		
Structural Steel	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Structural Wood	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Cold-formed steel light-framed construction	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Designated Seismic System	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Architectural Components	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	N/A - Seismic Category C
Mechanical and Electrical Components	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	M/A - Seismic Category C
Storage racks	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Seismic Isolation Systems	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A

TESTING AND QUALIFICATION FOR SEISMIC RESISTANCE (IBC 1705.12)

Item	Detailed Instructions and Frequencies		
Concrete Reinforcement	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Structural Steel	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Seismic Certification of nonstructural components	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A

SPRAYED FIRE-RESISTANT MATERIALS (IBC 1705.13)

Item	Detailed Instructions and Frequencies		
Structural member surface conditions	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Material application	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Material thickness	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Material density	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A

Bonding strength	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
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**MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS (IBC 1705.14)**

Item Detailed Instructions and Frequencies

Material and installation	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
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**DIRECT APPLIED EXTERIOR FINISH SYSTEM (DEFS) EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS) (IBC 1705.15)**

Item Detailed Instructions and Frequencies

Material and installation	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Water-resistive barrier coating	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A

**FIRE-RESISTANT PENETRATIONS AND JOINTS (IBC 1705.16)**

Item Detailed Instructions and Frequencies

Penetration Firestops	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A under 500 occupants
Fire-Resistant joint systems	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A under 500 occupants

**SMOKE CONTROL (IBC 1705.17)**

Item Detailed Instructions and Frequencies

Material	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A
Installation	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	N/A

**MISCELLANEOUS AREAS**

Item Detailed Instructions and Frequencies

These inspections are recommended by the Architect/Engineer

Suspended Ceiling Grid Clips	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	
Suspended Ceiling wire spacing (Seismic)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	
Soils backfill (specify locations and frequency)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Refer to Spec. 31-20-00 section 3.11 thru 3.19
Soils for curb and gutter (specify locations and frequency)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Refer to Spec. 31-20-00 section 3.11 thru 3.19
Soils for parking lots (specify locations and frequency)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Refer to Spec. 31-20-00 section 3.11 thru 3.19
Soils for utility trench backfill	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Refer to Spec 31-20-00 section 3.11 thru 3.19
Reinforcement for slab on grade sidewalks and drive approaches (specify locations and frequency)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Prior to concrete pour
Reinforcement for interior slab on grade (specify locations and frequency)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Prior to concrete pour
Concrete testing for slab on grade sidewalks and drive approaches (specify locations and frequency)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Refer to "Concrete Construction" section of this schedule
Concrete testing for interior slab on grade (specify locations and frequency)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Refer to "Concrete Construction" section of this schedule
Masonry Veneer (specify	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Refer to Spec 04200 section 3.14



locations and frequency)			
Gypsum Board Inspections. Inspection of gypsum board at fire rated assemblies	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Check for Compliance with UL Fire Rated Assemblies indicated on drawings.
Fire Resistance Penetration Inspection. Inspection of joint and penetration protection required by IBC 712 and IBC 713.	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Check for Compliance with UL Fire Rated Assemblies indicated on drawings.
Asphalt inspection (specify locations and frequency)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Spec. 32-12-16, section 3.1 thru 3.7
Asphalt testing (specify locations and frequency)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Spec 32-12-16, section 3.11
Inspection of seismic resistance (specify locations and frequency)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	
Steam and water line welding (specify locations and frequency)	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Refer to Specification Section 230010
Seismic supports for duct work and sealing of joints for duct work	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	After material installation, before ceiling tile installation.
Seismic supports for electrical raceways, cable trays and lights	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Specification 260548.16
Seismic supports for plumbing lines including gas, water and steam and condensation	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	After material installation, before ceiling tile installation.
Seismic bracing for mechanical units both on slab and suspended	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	2015 IBC 1705.11.6
Energy Efficiency Inspection. Inspection to determine compliance with IBC Chapter 13	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	Not Required
Energy Efficiency. Envelope Insulation R-Value of	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	Not Required
Energy Efficiency. Fenestration U-Value	<input type="checkbox"/> Continuous	<input type="checkbox"/> Periodic	Not Required
Plumbing Inspections: Underground inspection after trenches or ditches are excavated and piping installed prior to backfill.	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	International Plumbing Code 2012-107.1
Plumbing Inspections: Rough-in inspection prior to wall or ceiling membranes	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Division 22 Plumbing Specifications
Electrical Inspections: Underground inspection after trenches or ditches are excavated and piping installed prior to backfill.	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Specification 260543, Sections 3.1 thru 3.8.
Electrical Inspections: Rough-in inspections prior to wall or ceiling membranes	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Specification 260533, Sections 3.1 thru 3.8.
Electrical Inspections: Lighting Control Systems	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Specification 260923, Sections 3.1 thru 3.3.  Also include areas with dimming controls
Electrical Inspections: Inspection of label and anchorage of electrical equipment	<input type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Periodic	Specification 260553, Sections 3.1 thru 3.3. Specification 260548.16, Sections 3.1 thru 3.2

Special Inspectors shall:

1. Perform the inspection and testing work indicated in the schedule of special inspections and testing schedule
2. Be approved by the Building Official prior to performing any duties;
3. Provide proof of licensure as a special inspector by the State of South Carolina for each type of inspection;
4. Inspection reports are to meet the requirements of IBC 2015 1704.2.4
5. Inspection reports are to be submitted to the engineer, architect and project manager within 72 hours of inspections;
6. A final inspection report shall be submitted following completion of the project documenting the types of special inspections performed and a statement indicating that the structure is in compliance with drawings, specifications and applicable codes. IBC 2015 Code 1704.2.4

END OF SECTION 014100

**Attachment**

**CONTRACTOR'S STATEMENT OF RESPONSIBILITY  
SPECIAL INSPECTIONS**

*To be completed by the General Contractor and every Subcontractor responsible for the construction of designated systems and components listed in the Statement of Special Inspections. Submit separate copies to the Building Official, A/E and the Owner.*

**PROJECT NAME:** Taylor House Phase II Renovations

**OWNER:** University of South Carolina

A Statement of Special Inspections including seismic requirements as required by Section 1704.3 of the 2015 International Building Code has been defined for this Project. The required Statement of Special Inspections is listed in Section 014100 – Special Inspection and Testing. The program designates building elements covered and references requiring Special Inspections and Testing that are part of the Statement of Special Inspections.

As a Contractor responsible for the construction of the designated systems and components listed in the Statement of Special Inspections, I acknowledge the following:

1. We acknowledge awareness of the special requirements contained in the quality assurance plan.
2. We acknowledge that control will be exercised to obtain conformance with the construction documents approved by the Building Office.
3. Procedures will be maintained for exercising control within our organization to ensure compliance for the method and frequency of reporting and for the distribution of the reports. *(Attach description of the procedures to be instituted.)*
4. Person(s) in our organization exercising control of the quality assurance plan requirements and their qualifications are identified in the attachment provided. *(Attach list of personnel with qualifications.)*

Submitted by:

\_\_\_\_\_  
*(Type or Print Name of Firm)*

\_\_\_\_\_  
*(Type or Print Name of Firm Owner, Partner or Corporate Secretary)*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Owner's Authorization:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date