

### SCHEDULE OF SPECIAL INSPECTION SERVICES

MATERIAL/ACTIVITY	SERVICE	APPLICABLE TO THIS PROJECT			
		Y/N	EXTENT	AGENT*	DATE COMPLETED
<b>1704.2.5 Inspection of Fabricators</b>					
Verify fabrication/quality control procedures	In-plant review (3)	Y	Periodic	TA	
<b>1705.1.1 Special Cases (work unusual in nature, including but not limited to alternative materials and systems, unusual design applications, materials and systems with special manufacturer's requirements)</b>	Submittal review, shop (3) and/or field inspection	N	Periodic	NA	
<b>1705.2 Steel Construction</b>					
1. Fabricator and erector documents (Verify reports and certificates as listed in AISC 360, chapter N, paragraph 3.2 for compliance with construction documents)	Submittal Review	Y	Each submittal	TA	
2. Material verification of structural steel	Shop (3) and field inspection	Y	Periodic	TA	
3. Embedments (Verify diameter, grade, type, length, embedment. See 1705.3 for anchors)	Field inspection	Y	Periodic	TA	
4. Verify member locations, braces, stiffeners, and application of joint details at each connection comply with construction documents	Field inspection	Y	Periodic	TA	
5. Structural steel welding					
a. Inspection tasks Prior to Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-1)	Shop (3) and field inspection	Y	Observe or Perform as noted (4)	TA	
b. Inspection tasks During Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-2)	Shop (3) and field inspection	Y	Observe (4)	TA	
c. Inspection tasks After Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-3)	Shop (3) and field inspection	Y	Observe or Perform as noted (4)	TA	
d. Nondestructive testing (NDT) of welded joints: see Commentary					
1) Complete penetration groove welds 5/16" or greater in risk category III or IV	Shop (3) or field ultrasonic testing - 100%	N	Periodic	NA	
2) Complete penetration groove welds 5/16" or greater in risk category II	Shop (3) or field ultrasonic testing - 10% of welds minimum	Y	Periodic	TA	
3) Thermally cut surfaces of access holes when material is 1/2"	Shop (3) or field magnetic Particle or Penetrant testing	N	Periodic	NA	
4) Welded joints subject to fatigue when required by AISC 360, Appendix 3, Table A-3.1	Shop (3) or field radiographic or Ultrasonic testing	N	Periodic	NA	
5) Fabricator's NDT reports when fabricator performs NDT	Verify reports	Y	Each submittal (5)	TA	
6. Structural steel bolting:	Shop (3) and field inspection				
a. Inspection tasks Prior to Bolting (Observe, or perform tasks for each bolted connection, in accordance with QA tasks listed in AISC 360, Table N5.6-1)		Y	Observe or Perform as noted (4)	TA	
b. Inspection tasks During Bolting (Observe the QA tasks listed in AISC 360, Table N5.6-2)		Y	Observe (4)	TA	
1) Pre-tensioned and slip-critical joints		N		NA	
a) Turn-of-nut with matching markings		N	Periodic	NA	
b) Direct tension indicator		N	Periodic	NA	
c) Twist-off type tension control bolt		N	Periodic	NA	
d) Turn-of-nut without matching markings		N	Continuous	NA	
e) Calibrated wrench		N	Continuous	NA	
2) Snug-tight joints		Y	Periodic	TA	
c. Inspection tasks After Bolting (Perform tasks for each bolted connection in accordance with QA tasks listed in AISC 360, Table N5.6-3)		Y	Perform (4)	TA	
7. Inspection of steel elements of composite construction prior to concrete placement in accordance with QA tasks listed in AISC 360, Table N6.1	Shop (3) and field inspection and testing	N	Observe or Perform as noted (4)	NA	

<b>1705.3 Concrete Construction</b>					
1. Inspection of reinforcing steel installation (see 1705.2.2 for welding)	Shop (3) and field inspection	Y	Periodic	TA	
2. Inspection of prestressing steel installation	Shop (3) and field inspection	N	Periodic	NA	
3. Inspection of anchors cast in concrete where allowable loads have been increased per section 1908.5 or where strength design is used	Shop (3) and field inspection	N	Periodic	NA	
4. Inspection of anchors and reinforcing steel post-installed in hardened concrete. Per research reports including verification of anchor type, anchor dimensions, hole dimensions, hole cleaning procedures, anchor spacing, edge distances, concrete minimum thickness, anchor embedment and tightening torque	Field inspection	Y	Periodic or as required by the research report issued by an approved source	TA	
5. Verify use of approved design mix	Shop (3) and field inspection	Y	Periodic	TA	
6. Fresh concrete sampling, perform slump and air content tests and determine temperature of concrete	Shop (3) and field inspection	Y	Continuous	TA	
7. Inspection of concrete and shotcrete placement for proper application techniques	Shop (3) and field inspection	Y	Continuous	TA	
8. Inspection for maintenance of specified curing temperature and techniques	Shop (3) and field inspection	Y	Periodic	TA	
9. Inspection of prestressed concrete:	Shop (3) and field inspection	N		NA	
a. Application of prestressing force		N	Continuous	NA	
b. Grouting of bonded prestressing tendons in the seismic-force-resisting system		N	Continuous	NA	
10. Erection of precast concrete members		N		NA	
a. Inspect in accordance with construction documents	Field inspection	N	In accordance with construction documents	NA	
b. Perform inspections of welding and bolting in accordance with Section 1705.2	Field inspection	N	In accordance with Section 1705.2	NA	
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	Review field testing and laboratory reports	N	Periodic	NA	
12. Inspection of formwork for shape, lines, location and dimensions	Field inspection	Y	Periodic	TA	
13. Concrete strength testing and verification of compliance with construction documents	Field testing and review of laboratory reports	Y	Periodic	TA	
<b>1705.5 Wood Construction</b>					
1. Inspection of the fabrication process of wood structural elements and assemblies in accordance with Section 1704.2.5	In-plant review (3)	Y	Periodic	TA	
2. For high-load diaphragms, verify grade and thickness of structural panel sheathing agree with approved building plans	Field inspection	Y	Periodic	TA	
3. For high-load diaphragms, verify nominal size of framing members at adjoining panel edges, nail or staple diameter and length, number of fastener lines, and that spacing between fasteners in each line and at edge margins agree with approved building plans	Field inspection	Y	Periodic	TA	
4. Metal-plate-connected wood trusses spanning 60 feet or greater: verify temporary and permanent restraint/bracing are installed in accordance with the approved truss submittal package	Field inspection	N	Periodic	NA	
<b>1705.6 Soils</b>					
1. Verify materials below shallow foundations are adequate to support the design bearing capacity.	Field inspection	N	Periodic	TA	
2. Verify excavation and extension proper depth and have reached proper material.	Field inspection	Y	Periodic	TA	
3. Verify classification and testing of controlled fill materials.	Field inspection	Y	Periodic	TA	
4. Verify use of proper materials, densities, and lift thicknesses during placement and compaction of controlled fill.	Field inspection	Y	Continuous	TA	
5. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly.	Field inspection	Y	Periodic	TA	
<b>1705.10.1 Structural Wood Special Inspections For Wind Resistance</b>					
1. Inspection of field gluing operations of elements of the main windforce-resisting system	Field inspection	N	Continuous	NA	
2. Inspection of nailing, bolting, anchoring and other fastening of components within the main windforce-resisting system	Shop (3) and field inspection	Y	Periodic	TA	
<b>1705.10.3 Wind-resisting Components</b>					
1. Roof cladding	Shop (3) and field inspection	Y	Periodic	TA	
2. Wall cladding	Shop (3) and field inspection	Y	Periodic	TA	

<b>1705.11.3 Cold-formed Steel Light-Frame Construction Special Inspections for Seismic Resistance</b>					
1. Inspection during welding operations of elements of the seismic-force-resisting system	Shop (3) and field inspection	N	Periodic	NA	
2. Inspections for screw attachment, bolting, anchoring and other fastening of components within the seismic-force-resisting system	Shop (3) and field inspection	Y	Periodic	TA	

<b>1705.11.6 Mechanical and Electrical Components Special Inspections for Seismic Resistance</b>					
1. Inspection during the anchorage of electrical equipment for emergency or standby power systems	Field inspection	Y	Periodic	TA	
2. Inspection during the anchorage of other electrical equipment	Field inspection	N	Periodic	NA	
3. Inspection during installation and anchorage of piping systems designed to carry hazardous materials, and their associated mechanical units	Field inspection	N	Periodic	NA	
4. Inspection during the installation and anchorage of HVAC ductwork that will contain hazardous materials	Field inspection	N	Periodic	NA	
5. Inspection during the installation and anchorage of vibration isolation systems	Field inspection	N	Periodic	NA	

<b>1705.15 Exterior Insulation and Finish Systems (EIFS)</b>					
1. Verify materials, details and installations are per the approved construction documents	Field inspection	Y	Periodic	TA	
2. Inspection of water-resistive barrier over sheathing substrate	Field inspection	Y	Periodic	TA	

<b>1705.16 Fire-Resistant Penetrations and Joints</b>					
1. Inspect penetration firestop systems	Field testing	Y	Per ASTM E2174	TA	
2. Inspect fire-resistant joint systems	Field testing	Y	Per ASTM E2393	TA	

INSPECTION AGENCIES FIRM	ADDRESS	TELEPHONE NO.
1.		
2.		
3.		
4.		

Notes:  
 1. The inspection and testing agent(s) shall be engaged by the Owner or the 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. The qualifications of the Special Inspector(s) and/or testing agencies may be subject to the approval of the Building Official and/or the Design Professional.  
 2. The list of Special Inspectors may be submitted as a separate document, if noted so above.  
 3. Special Inspectors as required by Section 1704.2.5 are not required where the fabricator is approved in accordance with IBC Section 1704.2.5.2  
 4. Observe on a random basis, operations need not be delayed pending these inspections. Perform these tasks for each welded joint, bolted connection, or steel element.  
 5. NDT of welds completed in an approved fabricator's shop may be performed by that fabricator when approved by the AHJ. Refer to AISC 360, N7.  
 Are Requirements for Seismic Resistance included in the Statement of Special Inspections? **Yes**  
 Are Requirements for Wind Resistance included in the Statement of Special Inspections? **Yes**  
 Abbreviations:  
 TA = Testing Agency  
 EOR = Engineer of Record  
 AOR = Architect of Record  
 N/A = Not Applicable

Order Plans

**ROBERISON LOIA ROOF ARCHITECTS & ENGINEERS**  
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 GA ODA # PEP006062 EXP/RES: 06/30/2022



**BURGER KING**  
 3765 ROOSEVELT HWY,  
 PALMETTO, GA.  
 FOR: **JP DESIGN & CONSTRUCTION**  
 JACKSON, GA

REVISION	DATE	DESCRIPTION

SHEET TITLE: **SCHEDULE OF SPECIAL INSPECTIONS**  
 DATE: **11/03/2020**  
 PROJECT NUMBER: **20197**  
 SHEET NUMBER: **S5.1**