

Special Inspection General Notes

SI.1	ALL SPECIAL INSPECTIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE APPLICABLE IBC AND ITS REFERENCED SPECIFICATIONS.	SI.7	THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH THE SPECIAL INSPECTOR TO ALLOW FOR SPECIAL INSPECTIONS.
SI.2	THE SPECIAL INSPECTOR SHALL BE EMPLOYED BY THE OWNER OR THE OWNER'S AGENT AND NOT BY THE CONTRACTOR OR SUBCONTRACTOR WHOSE WORK IS TO BE INSPECTED OR TESTED.	SI.8	CONSTRUCTION WHICH REQUIRES SPECIAL INSPECTIONS SHALL BE MAINTAINED IN SUCH A STATE AS TO ALLOW ACCESS FOR THE SPECIAL INSPECTOR UNTIL THE REQUIRED INSPECTIONS OR TESTS HAVE BEEN COMPLETED.
SI.3	THE SPECIAL INSPECTOR SHALL BE QUALIFIED PER THE INTERNATIONAL BUILDING CODE AND SHALL BE EDUCATED IN THE TASKS REQUIRED TO CONDUCT, SUPERVISE, AND EVALUATE THE INSPECTIONS. THE SPECIAL INSPECTOR MUST ALSO BE OBJECTIVE, COMPETENT, AND HAVE ACCESS TO THE APPROPRIATE TESTING EQUIPMENT WHICH SHALL BE MAINTAINED AND PERIODICALLY CALIBRATED.	SI.9	ANY DEVIATIONS FOUND DURING THE SPECIAL INSPECTION PROCESS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE DESIGNER OF RECORD. ALL DEVIATIONS MUST BE ADDRESSED PRIOR TO COMPLETION OF THE WORK.
SI.4	SPECIAL INSPECTION AGENTS: ATA: APPROVED TESTING AGENCY GEOR: GEOTECHNICAL ENGINEER OF RECORD: TBD SEOR: STRUCTURAL ENGINEER: LBVD ENGINEERS 880 MONTCLAIR ROAD, SUITE 600 BIRMINGHAM, AL 35213 (205) 251-4500	SI.10	INSPECTION FREQUENCY: A. CONTINUOUS – SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED. B. PERIODIC – SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED. C. OBSERVE – OBSERVE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. D. PERFORM – PERFORM TASKS FOR EACH JOINT, MEMBER, AND CONNECTION.
SI.5	THE SPECIAL INSPECTIONS SHALL BE PERFORMED IN ADDITION TO ANY OBSERVATIONS PERFORMED BY THE ENGINEER OF RECORD.	SI.11	SPECIAL INSPECTIONS FOR STRUCTURAL, LOAD-BEARING, OR LATERAL LOAD BEARING FABRICATED ITEMS SHALL BE PERFORMED FOR THE FABRICATED ITEMS AT THE FABRICATOR'S SHOP. SPECIAL INSPECTIONS FOR FABRICATED ITEMS MAY BE WAIVED WHEN THE FABRICATOR IS REGISTERED AND HAS APPROVAL TO PERFORM THE WORK WITHOUT SPECIAL INSPECTIONS. IF THE INSPECTIONS ARE WAIVED, THE FABRICATOR MUST SUBMIT A CERTIFICATE OF COMPLIANCE TO THE DESIGNER OF RECORD SHOWING COMPLIANCE WITH THE APPROVED STRUCTURAL DRAWINGS.
SI.6	THE SPECIAL INSPECTOR SHALL MAINTAIN RECORDS AND PROVIDE THE REQUIRED DOCUMENTATION AS PRESCRIBED IN THE INTERNATIONAL BUILDING CODE, INCLUDING THE SUBMITTAL OF REPORTS TO THE DESIGNER OF RECORD.	SI.12	SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.

NO.	INSPECTION TASK	FREQUENCY	REFERENCE FOR CRITERIA	AGENT
1.00	INSPECT PREFABRICATED WOOD STRUCTURAL ELEMENTS AND SITE-BUILT ASSEMBLIES	PERIODIC	IBC 1704.2.5, 1705.5	ATA
2.00	INSPECT GRADING OF WOOD MATERIALS:			
2.01	SAWN LUMBER FRAMING	PERIODIC		ATA
2.02	STRUCTURAL COMPOSITE LUMBER	PERIODIC		ATA
2.03	GLULAM FRAMING	PERIODIC		ATA
3.00	INSPECT FRAMING AND DETAILS:			
3.01	FRAMING LAYOUT, MEMBER SIZES, AND BEARING LENGTHS	PERIODIC		ATA
3.02	BLOCKING AND BRIDGING	PERIODIC		ATA
3.03	HOLES AND NOTCHES (a)	PERIODIC		ATA
4.00	INSPECT CONNECTIONS:			
4.01	BOLTED AND SCREWED CONNECTIONS, INCLUDING DIAMETER, LENGTH, SPACING AND EDGE DISTANCE.	PERIODIC		ATA
4.02	NAILED CONNECTIONS, INCLUDING DIAMETER, LENGTH, TYPE AND SPACING OF NAILS.	PERIODIC		ATA
4.03	PROPRIETARY HANGERS AND FRAMING ANCHORS, INCLUDING FASTENER SIZES AND QUANTITIES.	PERIODIC		ATA
4.04	TIE-DOWN ANCHORS, INCLUDING ANCHOR ROD SIZE AND FASTENER SIZES AND QUANTITIES.	PERIODIC		ATA
5.00	INSPECT SHEAR WALLS AND DIAPHRAGMS:			
5.01	WOOD STRUCTURAL PANEL GRADE AND THICKNESS	PERIODIC		ATA
5.02	FASTENER SIZE, LENGTH AND SPACING	PERIODIC		ATA
5.03	FRAMING MEMBER SIZES AT PANEL EDGES	PERIODIC		ATA
5.04	BLOCKING AT PANEL EDGES	PERIODIC		ATA
5.05	FIELD GLUING	CONTINUOUS		ATA
5.06	HIGH-LOAD DIAPHRAGMS	PERIODIC	IBC 1705.5.1	ATA
6.00	INSPECT METAL-PLATE CONNECTED WOOD TRUSSES:			
6.01	TEMPORARY INSTALLATION RESTRAINT/BRACING AND PERMANENT INDIVIDUAL MEMBER RESTRAINT/BRACING FOR TRUSS SPANNING 60' OR MORE.	PERIODIC	IBC 1705.5.2	ATA
6.02	MULTI-PLY TRUSS CONNECTIONS	PERIODIC		ATA
NOTES:	(a) INSPECTIONS OF HOLES AND NOTCHES TO BE PERFORMED AFTER ELECTRICAL, MECHANICAL AND PLUMBING.			

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NO.	INSPECTION TASK	FREQUENCY	REFERENCE FOR CRITERIA	AGENT
1.00	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	PERIODIC		GEOR
2.00	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	PERIODIC		GEOR
3.00	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	PERIODIC		GEOR
4.00	VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT, AND COMPACTION OF COMPACTED FILL.	CONTINUOUS		GEOR
5.00	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	PERIODIC		GEOR

NO.	INSPECTION TASK	FREQUENCY	REFERENCE STANDARD	AGENT
1.00	INSPECT REINFORCEMENT AND VERIFY PLACEMENT.	PERIODIC	ACI 318 CH 20, 25.2, 25.3, 26.5.1-26.5.3	ATA
2.00	INSPECT ANCHORS CAST IN CONCRETE.	PERIODIC	ACI 318: 17.8.2	ATA
3.00	INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.			ATA
3.01	INSPECT ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	CONTINUOUS	ACI 318: 17.8.2.4	ATA
3.02	INSPECT MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.01.	PERIODIC	ACI 318: 17.8.2	ATA
4.00	VERIFY USE OF REQUIRED DESIGN MIX.	PERIODIC	ACI 318: CH 19, 26.4.3, 26.4.4; IBC 1904.1, 1904.2, 1908.2, 1908.3	ATA
5.00	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE. DETERMINE UNIT WEIGHT OF LIGHTWEIGHT CONCRETE.	CONTINUOUS	ASTM C 172; ASTM C 31; ACI 318:26.4.5, 26.12; IBC 1908.10	ATA
6.00	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	PERIODIC	ACI 318: 26.4.7-26.4.9; IBC 1908.9	ATA
6.01	VERIFY THAT CONCRETE SPECIMENS FOR STRENGTH TESTS ARE MAINTAINED IN THE REQUIRED INITIAL CURING AND LABORATORY CURING ENVIRONMENT, AND THAT THE MAXIMUM AND MINIMUM TEMPERATURES DURING THE INITIAL CURING PERIOD ARE REPORTED.	CONTINUOUS	ACI 318: 26.12; ASTM C 31	
7.00	INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	PERIODIC	ACI 318: 26.10.1(B)	ATA
8.00	ISOLATED CONCRETE FOOTINGS OF BUILDINGS THREE STORIES OR LESS ARE EXCEPTED FROM INSPECTIONS BUT NOT FROM MATERIALS TESTING.		IBC 1705.3 (1)	ATA
9.00	CONTINUOUS CONCRETE FOOTINGS SUPPORTING WALLS OF LIGHT-FRAME CONSTRUCTION OR THOSE THAT ARE DESIGNED IN ACCORDANCE WITH IBC 2015 TABLE 1809.7 ARE EXCEPTED FROM INSPECTIONS BUT NOT FROM MATERIALS TESTING.		IBC 1705.3 (2)	ATA
10.00	SLABS ON GRADE ARE EXCEPTED FROM INSPECTIONS BUT NOT FROM MATERIALS TESTING.		IBC 1705.3 (3)	ATA
11.00	CONCRETE FOUNDATION WALLS CONSTRUCTED IN ACCORDANCE WITH IBC 2015 TABLE 1807.1.6.2 ARE EXCEPTED FROM INSPECTIONS BUT NOT FROM MATERIALS TESTING.		IBC 1705.3 (4)	ATA

NO.	INSPECTION TASK	FREQUENCY	REFERENCE FOR CRITERIA	AGENT
1.00	PRIOR TO ASSEMBLY OR INSTALLATION:		AISI S240 TABLE D6.5-1	
1.01	VERIFY COMPLIANCE OF STRUCTURAL MEMBERS FOR PRODUCT IDENTIFICATION	PERFORM	AISI S240 SECTION A5.5	ATA
1.02	VERIFY COMPLIANCE OF CONNECTORS	PERFORM		ATA
1.03	DOCUMENT ACCEPTANCE OR REJECTION OF COLD-FORMED STEEL STRUCTURAL MEMBERS AND CONNECTORS	PERFORM		ATA
2.00	AFTER ASSEMBLY OR INSTALLATION:		AISI S240 TABLE D6.5-2	
2.01	VERIFY COMPLIANCE OF COLD-FORMED STEEL STRUCTURAL MEMBERS FOR PRODUCT IDENTIFICATION	PERFORM	AISI S240 SECTION A5.5	ATA
2.02	VERIFY COMPLIANCE OF CONNECTORS	PERFORM		ATA
2.03	DOCUMENT ACCEPTANCE OR REJECTION OF COLD-FORMED STEEL STRUCTURAL MEMBERS AND CONNECTORS	PERFORM		ATA
3.00	PRIOR TO MECHANICAL FASTENING:		AISI S240 TABLE D6.7-1	
3.01	MECHANICAL FASTENER MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS	OBSERVE		ATA
3.02	PROPER TOOLS AVAILABLE FOR MECHANICAL FASTENER INSTALLATION	OBSERVE		ATA
3.03	PROPER STORAGE FOR MECHANICAL FASTENERS	OBSERVE		ATA
4.00	DURING MECHANICAL FASTENING:		AISI S240 TABLE D6.7-2	
4.01	MECHANICAL FASTENERS ARE POSITIONED AS REQUIRED	OBSERVE		ATA
4.02	MECHANICAL FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS	OBSERVE		ATA
5.00	AFTER MECHANICAL FASTENING:		AISI S240 TABLE D6.7-3	
5.01	VERIFY COMPLIANCE OF MECHANICAL FASTENERS	PERFORM		ATA
5.02	REPAIR ACTIVITIES	PERFORM		ATA
5.03	DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICALLY FASTENED CONNECTIONS	PERFORM		ATA
6.00	AFTER INSTALLATION OF COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION:		AISI S240 TABLE D6.8-1	
6.01	VERIFY COMPLIANCE OF COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION	PERFORM		ATA
6.02	DOCUMENT ACCEPTANCE OR REJECTION OF COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION	PERFORM		ATA



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REVISIONS

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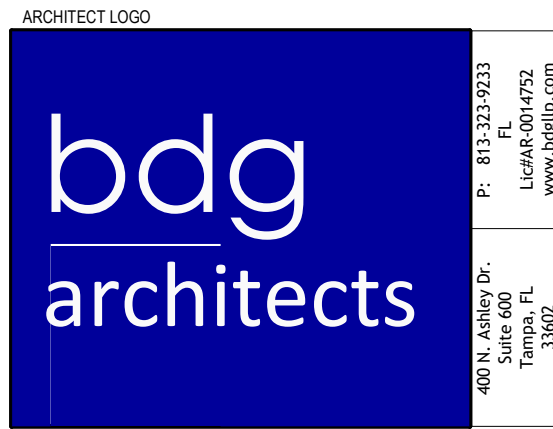
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SPECIAL INSPECTIONS

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