

STATEMENT OF STRUCTURAL SPECIAL INSPECTIONS

2009 INTERNATIONAL BUILDING CODE

STATEMENT OF SPECIAL INSPECTIONS NOTES:

This Statement of Special Inspections is submitted in accordance with Section 1704 of the 2009 International Building Code (referenced herewith as Code). It includes a Schedule of Special Inspection Services applicable to the Project. If applicable, it includes Requirements for Seismic Resistance and/or Requirements for Wind Resistance.

The Owner shall employ one or more qualified Special Inspectors to perform this work. The Special Inspector(s) shall keep records of all inspections and shall furnish interim inspection reports to the Building Official and to the Registered Design Professional in Responsible Charge. Discrepancies shall be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge prior to completion of that phase of work. A Final Report of Special Inspections documenting required special inspections and corrections of any discrepancies noted in the inspections shall be submitted to the Building Official and the Registered Design Professional in Responsible Charge at the conclusion of the project.

The Special Inspection program does not relieve the Contractor of responsibility to comply with the Contract Documents. Jobsite safety and means and methods of construction are solely the responsibility of the Contractor.

See specifications for additional testing requirements. Where conflicts occur, the most stringent requirement shall control.

INSPECTION OF FABRICATORS:

Where fabrication of structural load-bearing members and assemblies is being performed on the premises of a fabricator's shop, special inspection of the fabricated items shall be required by Section 1704.2 and as required elsewhere in the Code.

INSPECTION OF WELDING:

Welding inspection shall be in compliance with AWS D1.1. The basis for welding inspector qualification shall be AWS D1.1.

SCHEDULE OF SPECIAL INSPECTION SERVICES TABLE 1704.3: REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION			
CHECK IF REQD	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
	1. Material verification of high-strength bolts, nuts and washers:		
<input checked="" type="checkbox"/>	a. Identification markings to conform to ASTM standards specified in the approved construction documents.	---	X
<input checked="" type="checkbox"/>	b. Manufacturer's certificate of compliance required.	---	X
	2. Inspection of high-strength bolting (AISC 360, Section M2.5):		
<input checked="" type="checkbox"/>	a. Snug-tight joints.	---	X
<input checked="" type="checkbox"/>	b. Pretensioned and slip-critical joints using turn-of-nut with matchmarking, twist-off bolt or direct tension indicator methods of installation.	---	X
<input checked="" type="checkbox"/>	c. Pretensioned and slip-critical joints using turn-of-nut without matchmarking or calibrated wrench methods of installation.	X	---
	3. Material verification of structural steel and cold-formed steel deck:		
<input checked="" type="checkbox"/>	a. For structural steel, identification markings to conform to AISC 360.	---	X
<input checked="" type="checkbox"/>	b. For other steel, identification markings to conform to ASTM standards specified in the approved construction documents.	---	X
<input type="checkbox"/>	c. Manufacturer's certified test reports.	---	X
	4. Material verification of weld filler materials:		
<input checked="" type="checkbox"/>	a. Identification markings to conform to AWS specifications in the approved construction documents.	---	X
<input checked="" type="checkbox"/>	b. Manufacturer's certificate of compliance required.	---	X
	5. Inspection of welding:		
	a. Structural steel and cold-formed steel deck:		
<input type="checkbox"/>	1) Complete and partial penetration groove welds.	X	---
<input checked="" type="checkbox"/>	2) Multipass fillet welds.	X	---
<input checked="" type="checkbox"/>	3) Single-pass fillet welds > 5/16"	X	---
<input type="checkbox"/>	4) Plug and slot welds.	X	---
<input checked="" type="checkbox"/>	5) Single-pass fillet welds ≤ 5/16"	---	X
<input checked="" type="checkbox"/>	6) Floor and roof deck welds.	---	X
	b. Reinforcing steel:		
<input type="checkbox"/>	1) Verification of weldability of reinforcing steel other than ASTM A 706.	---	X
<input type="checkbox"/>	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.	X	---
<input type="checkbox"/>	3) Shear reinforcement.	X	---
<input checked="" type="checkbox"/>	4) Other reinforcing steel.	---	X
	6. Inspection of steel frame joint details for compliance:		
<input type="checkbox"/>	a. Details such as bracing and stiffening.	---	X
<input checked="" type="checkbox"/>	b. Member locations.	---	X
<input checked="" type="checkbox"/>	c. Application of joint details at each connection.	---	X

SCHEDULE OF SPECIAL INSPECTION SERVICES TABLE 1704.7: REQUIRED VERIFICATION AND INSPECTION OF SOILS			
CHECK IF REQD	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
<input checked="" type="checkbox"/>	1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	---	X
<input checked="" type="checkbox"/>	2. Verify excavations are extended to proper depth and have reached proper material.	---	X
<input checked="" type="checkbox"/>	3. Perform classification and testing of compacted fill materials.	---	X
<input checked="" type="checkbox"/>	4. Verify use of proper materials, densities, and lift thicknesses during placement and compaction of controlled fill.	X	---
<input checked="" type="checkbox"/>	5. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly.	---	X

SCHEDULE OF SPECIAL INSPECTION SERVICES TABLE 1704.4: REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION			
CHECK IF REQD	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
<input checked="" type="checkbox"/>	1. Inspection of reinforcing steel, including prestressing tendons, and placement.	---	X
<input type="checkbox"/>	2. Inspection of reinforcing steel welding in accordance with Table 1704.3, Item 5b.	---	---
<input type="checkbox"/>	3. Inspection of bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased or where strength design is used.	X	---
<input checked="" type="checkbox"/>	4. Inspection of anchors installed in hardened concrete.	---	X
<input checked="" type="checkbox"/>	5. Verifying use of required design mix.	---	X
<input checked="" type="checkbox"/>	6. At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	X	---
<input checked="" type="checkbox"/>	7. Inspection of concrete and shotcrete placement for proper application techniques.	X	---
<input checked="" type="checkbox"/>	8. Inspection for maintenance of specified curing temperature and techniques.	---	X
<input type="checkbox"/>	9. Inspection of prestressed concrete: a. Application of prestressing forces b. Grouting of bonded prestressing tendons in the seismic-force-resisting system.	X X	---
<input type="checkbox"/>	10. Erection of precast concrete members.	---	X
<input type="checkbox"/>	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.	---	X
<input checked="" type="checkbox"/>	12. Inspect formwork for shape, location, and dimensions of the concrete member being formed.	---	X

SCHEDULE OF SPECIAL INSPECTION SERVICES TABLE 1704.5.1: LEVEL 1 REQUIRED VERIFICATION AND INSPECTION OF STRUCTURAL MASONRY			
CHECK IF REQD	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
<input checked="" type="checkbox"/>	1. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.	---	X
<input type="checkbox"/>	2. Verification of fm and FAAC prior to construction except where specifically exempted by the code.	---	X
<input checked="" type="checkbox"/>	3. Verification of slump flow and VSI as delivered to the site for self-consolidating grout.	X	---
	4. As masonry construction begins, the following shall be verified to ensure compliance:		
<input type="checkbox"/>	a. Proportions of site-prepared mortar.	---	X
<input type="checkbox"/>	b. Construction of mortar joints.	---	X
<input checked="" type="checkbox"/>	c. Location of reinforcement, connectors, and anchorages.	---	X
	5. During construction the inspection program shall verify:		
<input type="checkbox"/>	a. Size and location of structural elements.	---	X
<input checked="" type="checkbox"/>	b. Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.	---	X
<input checked="" type="checkbox"/>	c. Specified size, grade, and type of reinforcement.	---	X
<input type="checkbox"/>	d. Welding of reinforcing bars.	X	---
<input type="checkbox"/>	e. Preparation, construction, and protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).	---	X
	6. Prior to grouting, the following shall be verified to ensure compliance:		
<input checked="" type="checkbox"/>	a. Grout space is clean.	---	X
<input checked="" type="checkbox"/>	b. Placement of reinforcement, connectors, and anchorages.	---	X
<input checked="" type="checkbox"/>	c. Proportions of site-prepared grout.	---	X
<input type="checkbox"/>	d. Construction of mortar joints.	---	X
<input checked="" type="checkbox"/>	7. Grout placement shall be verified to ensure compliance.	X	---
<input checked="" type="checkbox"/>	8. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed.	X	---

Project:



**PORTLAND LaQUINTA
INN & SUITES - LQ
#2049 RENOVATION**
340 Park Ave, Portland, ME 04102
2049

Project Owner:

LQ MANAGEMENT, LLC

909 HIDDEN RIDGE, SUITE 600 IRVING, TEXAS
75038

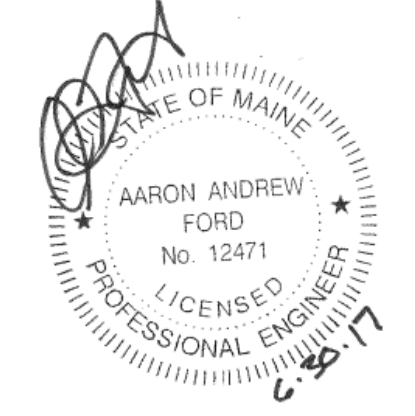
Architect:



BMA
Architectural Group
Professional Corporation
Architects ■ Designers ■ Planners

12 Middle Street
Amherst, New Hampshire 03031
TEL 603 673 1991 FAX 603 672 1385
www.bmaworld.com

Seal:



BMA COPYRIGHT:
These plans are copyrighted and are subject to copyright protection as an "architectural work" under Sec. 102 of the Copyright Act, 17 U.S.C. as amended December 1990 and known as Architectural Works Copyright Protection Act of 1990. The protection includes but is not limited to the overall form as well as the arrangement and composition of spaces and elements of the design. Under such protection, unauthorized use of these plans, work or home represented, can legally result in the cessation of construction or buildings being seized and/or monetary compensation to BMA Architectural Group, P.C.

REVISIONS

Job Number:	3044
Drawn By:	AN
Checked By:	AM
Phase:	CANOPY DOCUMENTS

Drawing Title:

**STATEMENT OF
SPECIAL
INSPECTIONS**

SHEET NUMBER:

S-002

DATE: JUNE 30, 2017



L.A. FUESS PARTNERS, INC.
Structural Engineers
101 Federal Street, Suite 502 • Boston, MA 02110
617 948 5700 • www.lafp.com
LAPP PROJECT NO. 17044