



General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>433 Fore Street Portland, ME 04101</u>		
Total Square Footage of Proposed Structure/Area <u>80,000 sf</u>		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# Block# Lot#	Applicant * <u>must be owner, Lessee or Buyer</u> * Name <u>Cow Plaza Hotel, LLC</u> Address <u>100 Commercial Street - Suite 306</u> City, State & Zip <u>Portland, ME 04101</u>	Telephone: <u>207-775-2252</u>
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>1,557,671</u> C of O Fee: \$ <u>—</u> Total Fee: \$ <u>15,600</u>
Current legal use (i.e. single family) <u>Parking lot</u> If vacant, what was the previous use? <u>Parking lot</u> Proposed Specific use: <u>Hotel</u> Is property part of a subdivision? <u>NO</u> If yes, please name _____ Project description: <u>Foundation permit only — Site work, shoring, drilled piers and concrete foundations for the 80,000 sf development approved by the Planning Board on 11/5/12. Remainder of project will be submitted under separate permit application upon completion of 100% construction documents</u>		
Contractor's name: <u>Consigli Construction Co, Inc.</u> in February 2013.		
Address: <u>15 Franklin Street</u>		
City, State & Zip <u>Portland, ME 04101</u>		<u>207-773-3000</u> Telephone:
Who should we contact when the permit is ready: <u>Tim Schneider</u>		<u>207-317-6220</u> Telephone:
Mailing address: <u>same as above</u>		

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature: David Thomas - David Thomas Date: 12/5/12

This is not a permit; you may not commence ANY work until the permit is issued



Certificate of Design Application

From Designer: BECKER STRUCTURAL ENGINEERS
 Date: 12/4/12
 Job Name: HYATT PLACE PORTLAND - OLD PORT
 Address of Construction: 433 FORE ST.

2009 International Building Code

Construction project was designed to the building code criteria listed below:

Building Code & Year 2009 IBC Use Group Classification (s) R-1

Type of Construction 1B

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2009 IRC YES

Is the Structure mixed use? YES If yes, separated or non separated or non separated (section 302.3) SEPARATED

Supervisory alarm System? YES Geotechnical/Soils report required? (See Section 1802.2) YES

Structural Design Calculations

COMPLETED Submitted for all structural members (106.1 - 106.11)

Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

Floor Area Use	Loads Shown
<u>ALL GROUND FLR</u>	<u>100 PSF</u>
<u>ALL PUBLIC SPACES</u>	<u>100 PSF</u>
<u>PUBLIC CORRIDORS</u>	<u>100 PSF</u>
<u>STAIRS</u>	<u>100 PSF</u>
<u>PRIVATE ROOMS & CORRIDORS</u>	<u>40 PSF</u>

Wind loads (1603.1.4, 1609)

MHTD 2 Design option utilized (1609.1.1, 1609.6)
100 MPH Basic wind speed (1809.3)
II, 1.0 Building category and wind importance Factor, I_w (table 1604.5, 1609.5)
C Wind exposure category (1609.4)
+/- 0.18 Internal pressure coefficient (ASCE 7)
PER ASCE 7-05 Component and cladding pressures (1609.1.1, 1609.6.2.2)
PER ASCE 7-05 Main force wind pressures (7603.1.1, 1609.6.2.1)

Earth design data (1603.1.5, 1614-1623)

Equiv. Lat. Force Design option utilized (1614.1)
II Seismic use group ("Category")
0.324 / 0.123 Spectral response coefficients, S_D & S_1 (1615.1)
D Site class (1615.1.5)

N/A Live load reduction
20 PSF Roof live loads (1603.1.2, 1607.11)
46 PSF + DRIFT Roof snow loads (1603.7.3, 1608)
60 PSF Ground snow load, P_g (1608.2)
46 PSF + DRIFT If $P_g > 10$ psf, flat-roof snow load P_f
1.0 If $P_g > 10$ psf, snow exposure factor, C_e
1.0 If $P_g > 10$ psf, snow load importance factor, I_s
1.1 Roof thermal factor, C_t (1608.4)
N/A Sloped roof snowload, P_s (1608.4)
B Seismic design category (1616.3)
OCBF, OEBF Basic seismic force resisting system (1617.6.2)
3.0, 3.0 Response modification coefficient, R , and deflection amplification factor, C_d (1617.6.2)
Equiv Lat Force Analysis procedure (1616.6, 1617.5)
300K Design base shear (1617.4, 1617.5.1)

Flood loads (1803.1.6, 1612)

N/A Flood hazard area (1612.3)
N/A Elevation of structure

Other loads

AS INDICATED Concentrated loads (1607.4)
INCLUDED Partition loads (1607.5)
AS INDICATED Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)

Project: Hyatt Place Portland – Old Port
Date Prepared: 11-26-12

Structural Statement of Special Inspections

Project: *Hyatt Place Portland – Old Port*

Location: *433 Fore Street, Portland, ME*

Owner: *East Brown Cow Management, Inc.*

This *Statement of Special Inspections* encompass the following discipline: **Structural**

This *Statement of Special Inspections* is submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project as well as the name of the Structural Special Inspection Coordinator (SSIC) and the identity of other approved agencies to be retained for conducting these inspections and tests.

The Structural Special Inspection Coordinator shall keep records of all Structural inspections and shall furnish inspection reports to the Building Code Official (BCO) and the Structural Registered Design Professional in Responsible Charge (SRDP). 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 and the Structural Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official and the Structural Registered Design Professional in Responsible Charge at an interval determined by the SSIC and the BCO.

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

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

Interim Report Frequency: *Upon request of Building Official* _____ or per attached schedule.

Prepared by:

Daniel S. Burne, P.E. – Becker Structural Engineers, Inc.

(type or print name of the Structural Registered Design Professional in Responsible Charge)



Signature

11-26-12

Date



Owner's Authorization:

Building Code Official's Acceptance:

Signature

Date

Signature

Date

Project: Hyatt Place Portland – Old Port
 Date Prepared: 11-26-12

Structural Statement of Special Inspections (Continued)

List of Agents

Project: *Hyatt Place Portland – Old Port*

Location: *433 Fore Street, Portland, ME*

Owner: *East Brown Cow Management, Inc.*

This Statement of Special Inspections encompass the following discipline: **Structural**

(Note: Statement of Special Inspections for other disciplines may be included under a separate cover)

This Statement of Special Inspections / Quality Assurance Plan includes the following building systems:

- Soils and Foundations
- Cast-in-Place Concrete
- Precast Concrete System
- Structural Masonry Systems
- Structural Steel
- Wood Construction
- Special Cases: Sprayed Fire Resistant Material

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. STRUCTURAL Special Inspections Coordinator (SSIC)	T.B.D.	
2. Special Inspector (SI 1)	T.B.D.	
3. Special Inspector (SI 2)	T.B.D.	
4. Testing Agency (TA 1)	T.B.D.	
5. Testing Agency (TA 2)		
6. Other (O1)		

Note: The inspectors and testing agencies 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.

Project: Hyatt Place Portland – Old Port
Date Prepared: 11-26-12

Structural Statement of Special Inspections (Continued)

Final Report of Special Inspections (SSIC/SI 1)

[To be completed by the Structural Special Inspections Coordinator (SSIC/SI 1). Note that all Agent's Final Reports must be received prior to issuance.]

Project: *Hyatt Place Portland – Old Port*
Location: *433 Fore Street, Portland, ME*
Owner: *East Brown Cow Management, Inc.*
Owner's Address: *100 Commercial Street, Ste 306
Portland, ME 04101*

Architect of Record: Patrick Costin, AIA Canal 5 Studio
(name) (firm)

Structural Registered Design
Professional in Responsible Charge: _____
(name) (firm)

To the best of my information, knowledge and belief, the Special Inspections required for this project, and itemized in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved.

Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
Structural Special Inspection Coordinator

(Type or print name)

(Firm Name)

Signature

Date

Licensed Professional Seal

Project: Hyatt Place Portland – Old Port
Date Prepared: 11-26-12

Structural Statement of Special Inspections (Continued)
Special Inspector's/Agent's Final Report

Project: *Hyatt Place Portland – Old Port*
Special Inspector or
Agent:

Designation: *(name)* *(firm)*
SI 2

To the best of my information, knowledge and belief, the Special Inspections or testing required for this project, and designated for this Inspector/Agent in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved.

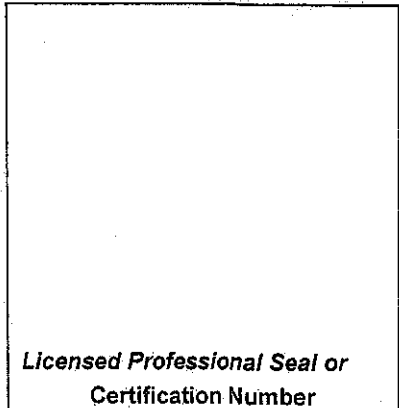
Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
Special Inspector or Agent:

(Type or print name)

Signature

Date



Project: Hyatt Place Portland – Old Port
Date Prepared: 11-26-12

Structural Statement of Special Inspections (Continued)

Special Inspector's/Agent's Final Report

Project: *Hyatt Place Portland – Old Port*
Special Inspector or
Agent:

Designation: *(name)* *(firm)*
TA 1

To the best of my information, knowledge and belief, the Special Inspections or testing required for this project, and designated for this Inspector/Agent in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved.

Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
Special Inspector or Agent:

(Type or print name)

Signature

Date

SEAL NOT REQUIRED FOR
TESTING AGENCY

*Licensed Professional Seal or
Certification Number*

Structural Schedule of Special Inspections

Qualifications of Inspectors and Testing Technicians

The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all inspectors and testing technicians shall be provided to the Special Inspector for their records. *NOTE VERIFICATION THAT QUALIFIED INDIVIDUALS ARE AVAILABLE TO PERFORM STIPULATED TESTING AND/OR INSPECTION SHOULD BE PROVIDED PRIOR TO SUBMITTING STATEMENT. AGENT QUALIFICATIONS IN SCHEDULE ARE SUGGESTIONS ONLY; FINAL QUALIFICATIONS ARE SUBJECT TO THE DISCRETION OF THE REGISTERED DESIGN PROFESSIONAL PREPARING THE SCHEDULE.*

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge or Special Inspector of Record deems it appropriate that the individual performing a stipulated test or inspection have a specific certification, license or experience as indicated below, such requirement shall be listed below and shall be clearly identified within the schedule under the Agent Qualification Designation.

PE/SE	Structural Engineer – a licensed SE or PE specializing in the design of building structures
PE/GE	Geotechnical Engineer – a licensed PE specializing in soil mechanics and foundations
EIT	Engineer-In-Training – a graduate engineer who has passed the Fundamentals of Engineering examination

Experienced Testing Technician

ETT	Experienced Testing Technician – An Experienced Testing Technician with a minimum 5 years experience with the stipulated test or inspection
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American Concrete Institute (ACI) Certification

ACI-CFTT	Concrete Field Testing Technician – Grade 1
ACI-CCI	Concrete Construction Inspector
ACI-LTT	Laboratory Testing Technician – Grade 1&2
ACI-STT	Strength Testing Technician

American Welding Society (AWS) Certification

AWS-CWI	Certified Welding Inspector
AWS/AISC-SSI	Certified Structural Steel Inspector

American Society of Non-Destructive Testing (ASNT) Certification

ASNT	Non-Destructive Testing Technician – Level II or III.
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International Code Council (ICC) Certification

ICC-SMSI	Structural Masonry Special Inspector
ICC-SWSI	Structural Steel and Welding Special Inspector
ICC-SFSI	Spray-Applied Fireproofing Special Inspector
ICC-PCSI	Prestressed Concrete Special Inspector
ICC-RCSI	Reinforced Concrete Special Inspector

National Institute for Certification in Engineering Technologies (NICET)

NICET-CT	Concrete Technician – Levels I, II, III & IV
NICET-ST	Soils Technician - Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician - Levels I, II, III & IV

Other

Project: Hyatt Place Portland – Old Port.

Date Prepared: 11-26-12

Structural Schedule of Special Inspections

SOILS & FOUNDATION CONSTRUCTION

VERIFICATION AND INSPECTION	REQD Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1704.7, 1704.8, 1704.9						
1. Required Verification and Inspection of Soils:						
a. Verify materials below slabs/pavement are adequate to achieve the design bearing capacity.	Y	P	IBC 1704.7	SI2	PE/GE, EIT or ETT	
b. Verify excavations are extended to proper depth and have reached proper material.	Y	P	IBC 1704.7	SI2	PE/GE, EIT or ETT	
c. Perform classification and testing of compacted fill materials.	Y	P	IBC 1704.7	TA1	PE/GE, EIT or ETT	
d. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	Y	C	IBC 1704.7	TA1	PE/GE, EIT or ETT	
e. Prior to placement of compacted fill below slabs/pavement, observe subgrade and verify that site has been prepared properly.	Y	P	IBC 1704.7	SI2	PE/GE, EIT or ETT	
2. Required Verification and Inspection of Driven Deep Foundation Elements:						
a. Verify element materials, sizes and lengths comply with the requirements.	N	C	IBC 1704.8	TA1	PE/GE, EIT or ETT	
b. Determine capacities of test elements and conduct additional load tests, as required.	N	C	IBC 1704.8	SI2	PE/GE, EIT or ETT	
c. Observe driving operations and maintain complete and accurate records for each element.	N	C	IBC 1704.8	TA1	PE/GE, EIT or ETT	
d. Verify placement locations and plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and document any damage to foundation element.	N	C	IBC 1704.8	TA1	PE/GE, EIT or ETT	
3. Required Verification and Inspection of Cast-in-Place Deep Foundation Elements:						
a. Observe drilling operations and maintain complete and accurate records for each element.	Y	C	IBC 1704.9	TA1	PE/GE, EIT or ETT	
b. Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end bearing strata capacity. Record concrete or grout volumes.	Y	C	IBC 1704.9	TA1/SI2	PE/GE, EIT or ETT	

See Concrete, Masonry, and/or Steel Schedules for additional material inspections for deep foundation elements as applicable.

Structural Schedule of Special Inspections
CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	REQD Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1704.4						
1. Inspection of reinforcing steel, including prestressing tendons, and placement	Y	P	ACI 318: 3.5, 7.1-7.7	SII/SI2	PE/SE or EIT	
2. Inspection of reinforcing steel welding in accordance with Table 1704.3, Item 5B	N	-	Not applicable. Welding of Reinf Not Allowed			
3. Inspect 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.	N	C	IBC 1911.5	SII	PE/SE or EIT	
4. Inspection of anchors installed in hardened concrete.	Y	P	IBC 1212.1	SII	PE/SE or EIT	
5. Verifying use of required design mix	Y	P	ACI 318: Ch 4, 5.2-5.4	TA1	ACI-CFTT or ACI-STT	
6. At time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests and determine the temperature of the concrete.	Y	C	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8	TA1	ACI-CFTT or ACI-STT	
7. Inspection of concrete and shotcrete placement for proper application techniques	Y	C	ACI 318: 5.9, 5.10	TA1	ACI-CFTT or ACI-STT	
8. Inspection for maintenance of specified curing temperature and techniques	Y	P	ACI 318: 5.11-5.13	SII	PE/SE or EIT	
9. Inspection of Prestressed Concrete						
a. Application of prestressing force.	Y	C	ACI 318: 18.20	TA1	PE/SE or EIT	
b. Grouting of bonded prestressing tendons in seismic force resisting system	Y	C	ACI 318: 18.18.4	TA1	ACI-CFTT or ACI-STT	
10. Erection of precast concrete members.	Y	P	ACI 318: Ch 16	SII	PE/SE or EIT	
11. Verification of in-situ concrete strength, prior to stressing of tendons at rock anchors.	Y	P	ACI 318: 6.2	TA1	ACI-CFTT or ACI-STT	
12. Inspect formwork for shape, location and dimensions of the concrete member being formed.	Y	P	Limitations apply. See below	SII	PE/SE or EIT	

Limitations of item 12: Special inspection includes periodic review of formwork shape, general location, and formwork dimensions that can be readily measured with conventional tape measure. Verification of building layout, building location, foundation extents, column grids, and foundation elevations is excluded.

Structural Schedule of Special Inspections - STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	REQD Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1704.3						
1. Material verification of high-strength bolts, nuts and washers:						
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	Y	P	Applicable ASTM material standards, AISC 360, A3.3	TA1	AWS/AISC-SSI	
b. Manufacturer's certificate of compliance required.	Y	S		SII	PE/SE or EIT	
2. Inspection of high-strength bolting						
a. Snug-tight joints.	Y	P		TA1	AWS/AISC-SSI	
b. Pretensioned and slip-critical joints using turn-of-nut with matchmaking, twist-off bolt or direct tension indicator methods of installation.	Y	P	AISC LRFD Section M2.5	TA1	AWS/AISC-SSI	
c. Pretensioned and slip-critical joints using turn-of-nut without matchmaking or calibrated wrench methods of installation.	Y	C	IBC Sect 1704.3.3	TA1	AWS/AISC-SSI	
3. Material verification of structural steel and cold-formed steel deck:						
a. For structural steel, identification markings to conform to AISC 360.	Y	P	AISC 360, M5.5	SII	PE/SE or EIT	
b. For other steel, identification markings to conform to ASTM standards specified in the approved construction documents.	Y	P	Applicable ASTM material standards	SII	PE/SE or EIT	
c. Manufacturer's certified test reports.	Y	S		SII	PE/SE or EIT	
4. Material verification of weld filler materials:						
a. Identification markings to conform to AWS specification in the approved construction documents.	Y	P	AISC 360, M5.5	TA1	AWS/AISC-SSI	
b. Manufacturer's certificate of compliance required.	Y	S		SII	PE/SE or EIT	
5. Submit current AWS D1.1 welder certificate for all field welders who will be welding on this project.	Y	S	AWS D1.1	SII	PE/SE or EIT	
6. Inspection of welding (IBC 1704.3.1):						
a. Structural steel and cold-formed deck:						
1) Complete and partial joint penetration groove welds.	N	C	AWS D1.1	TA1	AWS-CWI	
2) Multipass fillet welds.	N	C		TA1	AWS-CWI	
3) Single-pass fillet welds > 5/16"	Y	C		TA1	AWS-CWI	
4) Plug and slot welds	N	C		TA1	AWS-CWI	
5) Single-pass fillet welds ≤ 5/16"	Y	P		TA1	AWS-CWI	
6) Floor and deck welds.	Y	P	AWS D1.3	TA1	AWS-CWI	
b. Reinforcing steel:						
1) Verification of weldability of reinforcing steel other than ASTM A706.	N	-	Not applicable.	-	-	
2) Reinforcing steel-resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special structural walls of concrete and shear reinforcement.	N	C	AWS D1.4 ACI 318: 3.5.2	TA1	AWS-CWI	
3) Shear reinforcement.	N	C		TA1	AWS-CWI	
4) Other reinforcing steel.	N	P		TA1	AWS-CWI	
7. Inspection of steel frame joint details for compliance (IBC Sect 1704.3.2) with approved construction documents:						
a. Details such as bracing and stiffening.	Y	P	IBC 1704.3.2	SII	PE/SE or EIT	
b. Member locations.	Y	P		SII	PE/SE or EIT	
c. Application of joint details at each connection.	Y	P		SII	PE/SE or EIT	

Project: Hyatt Place Portland – Old Port
 Date Prepared: 11-26-12

Structural Schedule of Special Inspection Services
FABRICATION AND IMPLEMENTATION PROCEDURES - STRUCTURAL STEEL

VERIFICATION AND INSPECTION IBC Section 1704.2	REQD Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Fabrications Procedures: Review of fabricator's written procedural and quality control manuals and periodic auditing of fabrication practices by an approved special inspection agency. At the completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents. -OR- 2. AISC Certification	Y	S	Fabricator shall submit one of the two qualifications	SI1	PE/SE or EIT	
3. At completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents.	Y	S	IBC 1704.2.2	SI1	PE/SE or EIT	

Structural Schedule of Special Inspection Services
SPRAYED FIRE-RESISTANT MATERIALS

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1704.12						
1. Surface Conditions: Verify surfaces are prepared in accordance with the approved fire-resistance design and the approved manufacturer's written instructions prior to application of the sprayed fire-resistant material	Y	P	IBC 1704.12.2	TA1		
2. Application: Verify the substrate shall have a minimum ambient temperature before and after application as specified in the approved manufacturer's written instruction. The area for application shall be ventilated during and after application as required by the approved manufacturer's written instructions.	Y	P	IBC 1704.12.3	TA1		
3. Thickness: Verify average thickness of the sprayed fire-resistant materials applied to structural elements shall not be less than the thickness required by the approved fire-resistance design.						
a. Floor, Roofs & Walls: The thickness of the sprayed fire-resistant material applied to floor, roof and wall assemblies shall be determined in accordance with ASTM E 605, taking the average of not less than four measurements for each 1,000 square feet (93 m ²) of the sprayed area on each floor or part thereof.	Y	P	IBC 1704.12.4.2; ASTM E605	TA1		
b. Structural Framing: The thickness of the sprayed fire-resistant material applied to structural members shall be determined in accordance with ASTM E 605. Thickness testing shall be performed on not less than 25 percent of the structural members on each floor.	Y	P	IBC 1704.12.4.3; ASTM E605	TA1		
4. Density: Verify density of the sprayed fire-resistant material not be less than the density specified in the approved fire-resistant design.	Y	P	IBC 1704.12.5; ASTM E605	TA1		
5. Bond: Verify the cohesive/adhesive bond strength of the cured sprayed fire-resistant material applied to structural elements shall not be less than 150 pounds per square foot (psf) (7.18 kN/m ²). The cohesive/adhesive bond strength shall be determined in accordance with the field test specified in ASTM E 736 by testing in-place samples.						
a. The test samples for determining the cohesive/adhesive bond strength of the sprayed fire-resistant materials shall be selected from each floor, roof and wall assembly at the rate of not less than one sample for every 2,500 square feet (232 m ²) or part thereof of the sprayed area in each story.	Y	P	IBC 1704.12.6.1; ASTM E 736	TA1		
b. The test samples for determining the cohesive/adhesive bond strength of the sprayed fire-resistant materials shall be selected from beams, girders, joists, trusses and columns at the rate of not less than one sample for each type of structural framing member for each 2,500 square feet (232 m ²) of floor area or part thereof in each story.	Y	P	IBC 1704.12.6.2; ASTM E 736	TA1		

Structural Schedule of Special Inspections
SEISMIC RESISTANCE - STRUCTURAL

VERIFICATION AND INSPECTION	REQD Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETE D
IBC Section 1707						
1. Special inspections for seismic resistance. Special inspection as specified in this section is required for the following:						
a. The seismic-force-resisting systems in structures assigned to Seismic Design Category C, D, E or F	N	P	IBC 1707.1	SI1	PE/SE or EIT	
b. Designated seismic systems in structures assigned to Seismic Design Category D, E, or F.	N	P	IBC 1707.1	SI1	PE/SE or EIT	
2. Structural steel: Continuous special inspection for structural welding in accordance with AISC 341.	N	C	IBC 1707.2	TA1	AWS-CWI	
3. Structural wood:						
a. Continuous special inspection during field gluing operations of elements of the seismic-force-resisting system.	N	C	IBC 1707.3	SI1	PE/SE or EIT	
b. Periodic special inspections for nailing, bolting, anchoring and other fastening of components within the seismic-force-resisting system (where spacing is 4" o.c., or less) including drag struts, braces and hold-downs	N	P	IBC 1707.3	SI1	PE/SE or EIT	
4. Cold-formed steel framing: Periodic special inspections during welding operations of elements of the seismic-force-resisting system. Periodic special inspections for screw attachment, bolting, anchoring and other fastening of components within the seismic-force-resisting system (where spacing is 4" o.c., or less), including struts, braces, and hold-downs	N	-	CFSF for this project not part of the primary seismic-force-resisting system.	-	-	
5. Seismic isolation system. Provide periodic special inspection during the fabrication and installation of isolator units and energy dissipation devices if used as part of the seismic isolation system	N	-	Seismic isolators not used.	-	-	

SEISMIC RESISTANCE CHECK LIST [IBC 1705.3]

Seismic Design Category B

FOR SEISMIC DESIGN CATEGORY C OR HIGHER:

Structural:

The seismic-force-resisting systems

- Steel Braced Frames and associated connections/anchorage (Not required for SDC C, R=3)
- Steel Moment Frames and associated connections (Not required for SDC C, R=3)
- Shear walls: CMU Wood Concrete Diaphragms: Floor Roof
- Other:

WIND RESISTANCE CHECK LIST [IBC 1705.4]

Wind Exposure Category C

REQUIRED	NOT REQUIRED	NOT APPLICABLE	WIND RESISTANCE REQUIREMENTS
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	In wind exposure Category B, where the 3-second-gust basic wind speed is 120 miles per hour (mph) (52.8 m/sec) or greater.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	In wind exposure Categories C and D, where the 3-second-gust basic wind speed is 110 mph (49 m/sec) or greater.

Project: Hyatt Place Portland – Old Port
Date Prepared: 11-26-12

Fabricator's Certificate of Compliance

Each approved fabricator that is exempt from Special Inspection of shop fabrication and implementation procedures per section 1704.2 of the International Building Code must submit a *Fabricator's Certificate of Compliance* at the completion of fabrication.

Project: Hyatt Place Portland – Old Port

Fabricator's Name:

Address:

Certification or Approval Agency:

Certification Number:

Date of Last Audit or Approval:

Description of structural members and assemblies that have been fabricated:

Structural steel as shown on the Contract Documents

I hereby certify that items described above were fabricated in strict accordance with the approved construction documents.

Signature

Date

Title

Attach copies of fabricator's certification or building code evaluation service report and fabricator's quality control manual

Project: Hyatt Place Portland – Old Port
Date Prepared: 11-26-12

End of Structural Statement of Special Inspections



STATE OF MAINE - DEPARTMENT OF PUBLIC SAFETY
OFFICE OF STATE FIRE MARSHAL
45 COMMERCE DR STE 1
AUGUSTA, ME 04333-0001

Shell Permit

No.21117

In accordance with the provisions of M.R.S.A. Title 25, Chapter 317, Sec.317 and Title 5, Section 4594-F, permission is hereby granted to construct or alter the following referenced building according to the plans hitherto filed with the Commissioner and now approved. No departure from application form/plans shall be made without prior approval in writing. Nothing herein shall excuse the holder of this permit for failure to comply with local ordinances, zoning laws, or other pertinent legal restrictions.

Each permit issued shall be displayed at the site of construction.

Building: HYATT PLACE PORTLAND- OLD PORT
Location: 433 FORE STREET, PORTLAND, ME 04101
Owner: COW PLAZA HOTELS, LLC.
Owner Address: 100 COMMERCIAL ST STE 306, PORTLAND, ME 04101-4723

Occupancy Type: Hotel/Dormitories
Secondary Use:
Supervised Sprinkler System -
Monitored Fire Alarm System
Construction Mode: New Building
Fire Resistive: Type I (332)
Final Number of Stories: 7

Permit Date: 11/29/2012 **Expiration Date:** 05/28/2013

Notes and additional requirements:

"SHELL PERMIT ONLY" Concrete, exterior shell, siding and steel are all included in the shell permit. No interior work to be done without full permitting of project.

COMMISSIONER OF PUBLIC SAFETY

DATE	INVOICE NO.	DESCRIPTION	INVOICE AMOUNT	DEDUCTION	PAYING
12-05-12	120512.1	1150 Hyatt Plaza Hot	15600.00	.00	15600.00

CHECK DATE 12-05-12	CHECK NUMBER 216275	TOTALS	15600.00	.00	15600.00
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PLEASE DETACH THIS PORTION AND RETAIN FOR YOUR RECORDS



CONSIGLI CONSTRUCTION CO., INC.



FLAGSHIP BANK AND TRUST COMPANY

53-261/113

216275

CONSIGLI
Est. 1905

72 Sumner Street
Milford, MA 01757

Pay: *****Fifteen thousand six hundred dollars and no cents

DATE

CHECK NO.

AMOUNT

PAY
TO THE
ORDER
OF

City of Portland Maine
Treasury Division
P.O. Box 544
Portland, ME 04112-9981

December 5, 2012

216275 \$*****15,600.00

AUTHORIZED SIGNATURE

⑈ 216275 ⑈

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