

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING INSPECTION PERMIT

Please Read
Application And
Notes, If Any,
Attached

Permit Number: 061081

PERMIT ISSUED

This is to certify that _____

has permission to OLYMPIA EQUITY INVESTORS IV

AT 300 Fore Street

7 CUSTOM HOUSE ST

OCT 23 2006

provided that the person or persons in arm or in operation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regarding the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and when permission procured before this building or part thereof is started or service closed-in. 4 YOUR NOTICES REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. Greg Cass

Health Dept. _____

Appeal Board _____

Other _____
Department Name

[Signature]
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 06-1081	Issue Date:	CBL: 029 K001001
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Location of Construction: 7 CUSTOM HOUSE ST / 300 Fore St	Owner Name: OLYMPIA EQUITY INVESTORS	Owner Address: 280 FORE ST STE 202	Phone:
Business Name:	Contractor Name: TBD	Contractor Address: Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Commercial	Zone: D-3

Past Use: Vacant Land w/ existing bldgs	Proposed Use: Commercial 5 story w/ lower level adjacent to existing office bldg.	Permit Fee: \$70,095.00	Cost of Work: \$7,000,000.00	CEO District: 1
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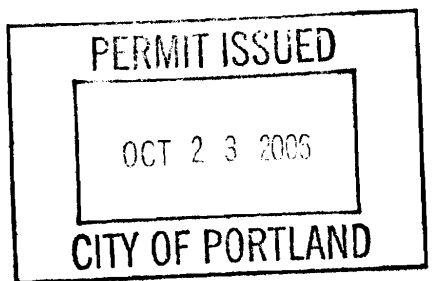
FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied See Conditions	INSPECTION: Use Group: B Type: 28 SHELL ONLY 10/19/06 Signature: [Signature]
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) - PAD ENCOURAGEMENT ONLY Action: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: [Signature] Date: 7/31/06	

Proposed Project Description:

Permit Taken By: dmartin	Date Applied For: 07/19/2006	Zoning Approval	
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1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Denied Date: 7/31/06	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved Date:	Historic Preservation <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: by Historic
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CERTIFICATION

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

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

Location of Construction: 7 CUSTOM HOUSE ST	Owner Name: OLYMPIA EQUITY INVESTORS	Owner Address: 280 FORE ST STE 202	Phone:
Business Name:	Contractor Name: WRIGHT RYAN CONSTRUCTIO	Contractor Address: 10 DANFORTH STREET Portland	Phone (207) 773-3625
Lessee/Buyer's Name	Phone:	Permit Type: Commercial	

Dept: Planning **Status:** Approved with Conditions **Reviewer:** William B. Needelman **Approval Date:** 03/28/2006

Note: 8-11-06

Ok to Issue:

Applicant needs to provide 2, \$15,000 contributions for escrow, and easements as per conditions below.

Plan sets have been provided along with CAD dwg's.

Other planning conditions have been met or are standing conditions requiring no action at this time.

The performance guarantee language has been approved but the original document has not been received.

No demo permit prior to performance guarantee.

Wbn

Location of Construction: 7 CUSTOM HOUSE ST	Owner Name: OLYMPIA EQUITY INVESTORS	Owner Address: 280 FORE ST STE 202	Phone:
Business Name:	Contractor Name: WRIGHT RYAN CONSTRUCTIO	Contractor Address: 10 DANFORTH STREET Portland	Phone (207) 773-3625
Lessee/Buyer's Name	Phone:	Permit Type: Commercial	

- 1) i. That the applicant contributes \$15,000 to the implementation of future improvements (including, but not limited to signalization) at the Middle Street and India Street intersection. The monetary contribution shall be placed in an escrow account and if not used within ten years of the escrow agreement date, shall be returned to the applicant.
- ii. That any changes to the location of parking will require re-examination of the Traffic Movement permit by Public Works and the Planning Authority.
- iii. That any changes to the occupancy of the building require re-examination of the traffic movement permit by Public Works and the Planning Authority.

C. Site Plan

That the plan is in conformance with the Site Plan Standards of the Land Use Code subject to the following conditions of approval:

- i. That any additional lighting and signage be provided for Planning, Zoning and Historic Preservation staff review and approval.
- ii. That a revised design for the alignment of curbing at the Custom House Street and Fore Street intersection be submitted for Planning Authority and Public Works review and approval prior to issuance of a building permit.
- iii. That the applicant provide the following documents for the review and approval of the City's Corporation Counsel prior to issuance of a building permit:
 - a. Pedestrian easement for access and use of the privately owned sidewalk located along the Fore Street frontage of the building.
 - b. Condominium association documents for the development.
 - c. Cross easements between the subject property and the abutting parent property (85 Commercial Street) for emergency and utility access and maintenance.
- iv. That the site plan approval for the recommended parking requirement (minimum 123 spaces) is directly linked to the specific occupants presented to the Planning Board on March 28, 2006 (namely CIEE, Inc for office use of floors 2, 3, 4, 5 and the basement, and OEI IV-B, LLC for restaurant/retail use of floor 1.) If at any time, (a) either occupant changes, (b) any portion of the building is sold, subleased, or further divided, or (c) there is any intensification of use of the building, then the site plan must return to the Planning Authority within 60 days for review and approval for an amendment to the parking requirements approved herein.
- v. The Site Plan is approved for a minimum of 123 spaces to be located within or at the site of the Longfellow Garage to be constructed in the vicinity of India Street, Middle Street, Hancock Street and Fore Street. No occupancy permits for the subject project shall be issued prior to the applicant's exercising its option to occupy parking owned by Riverwalk, LLC., subject to the availability of spaces.

In the event spaces within or at the site of the Longfellow Garage are not yet available as of the completion of the subject project, the applicant shall provide proof of alternative temporary parking arrangements (not to exceed one year) for the review and approval of the Planning Authority prior to issuance of a certificate of occupancy. If the Longfellow Garage spaces are not available within one year of issuance of certificate of occupancy, the applicant is required to return to the Planning Board for an amendment to this approval for both Site Plan and Traffic Movement permits.

- vi. That the applicant makes a financial contribution for improvements to the southerly sidewalk along Fore Street between India Street and Franklin Arterial. The contribution shall cover 100% of the cost of improvements up to \$15,000. The contribution shall be held in escrow and returned to the applicant if not used within 10 years. If the location of the project parking changes from the site of the Longfellow Garage, the need for the contribution shall be reassessed by the Public Works Department and the Planning Authority if the project parking location changes prior to spending funds on the Fore Street sidewalk.

Comments:

Location of Construction: 7 CUSTOM HOUSE ST	Owner Name: OLYMPIA EQUITY INVESTORS	Owner Address: 280 FORE ST STE 202	Phone:
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09/11/2006-ldobson: Randy Allred brought in additional information routed to MJN basket LJD

09/21/2006-ldobson: Matt Wirth Dropped additional info routed to MJN basket

10/03/2006-mjn: See emails, review complete, awaiting Fire to sign the permit, planning sign off, and answers to remaining questions from design team.

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08/07/2006-mjn: Waiting for performance guarantee and final planning sign off too!

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City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 06-1081	Date Applied For: 07/19/2006	CBL: 029 K001001
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Business Name:	Contractor Name: WRIGHT RYAN CONSTRUCTIO	Contractor Address: 10 DANFORTH STREET Portland	Phone (207) 773-3625
Lessee/Buyer's Name	Phone:	Permit Type: Commercial	

Proposed Use: Commercial 5 story w/ lower level adjacent to existing office bldg.	Proposed Project Description: Commercial 5 story w/ lower level adjacent to existing office bldg.
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Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 07/31/2006

Note: **Ok to Issue:**

- 1) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
- 2) ANY changes to the exterior work requires a separate review and approval thru Historic Preservation. This property is within an Historic District.
- 3) Separate permits shall be required for any new signage.
- 4) Because the given height from average grade to the top of the highest structural beam is 64' 10" and the maximum height limit is 65' under the zoning ordinance, it will be necessary to supply the code enforcement office with documentation from a professional that the actual built structure is in compliance. This can be done at the time that the steel is set and the average grade is established.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Mike Nugent **Approval Date:** 10/19/2006

Note: **Ok to Issue:**

- 1) Final East elevation approval including compliance with Section 704 of the IBC and Historic approval is required prior to erection of steel.
- 2) Because this building is sharing a stairway with the existing building, Compliance with all of Chapter 10 has not been established by the applicant. Egress capacity calculations that include the existng building and this structure along with stairway capacity and door widths must be provided establishing compliance.

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Cptn Greg Cass **Approval Date:** 08/04/2006

Note: **Ok to Issue:**

- 1) A Knox box is required
- 2) Application requires State Fire Marshal approval.
- 3) All building construction shall comply with NFPA 101
- 4) Fire Flows shall be established using Annex H of NFPA 1

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Cptn Greg Cass **Approval Date:** 11/17/2005

Note: Access and egress appear adequate **Ok to Issue:**

- 1) Sprinkler system required
Flow rates to be documented to insure adequate water supply.
- 2) Life safety plan requested
- 3) Fire alarm system required

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CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101



JKI
06/10/06

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Service

FROM: James A. Loft, AIA

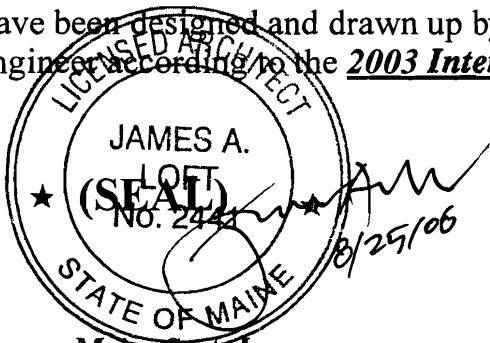
RE: Certificate of Design

DATE: 8/25/06

These plans and / or specifications covering construction work on:

New office building known as Custom House Square at 300 Fore Street,
Portland.

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the **2003 International Building Code** and local amendments.



Signature: *James A. Loft*

Title: Principal, Architecture

Firm: Pro Con, Inc.

Address: 1359 Hooksett Rd
Hooksett, NH 03106

As per Maine State Law:

\$50,000.00 or more in new construction, repair expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.



CITY OF PORTLAND
BUILDING **CODE** CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101

ACCESSIBILITY CERTIFICATE

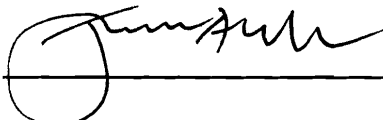
Designer: James A. Loft

Address of Project: 300 Fore Street

Nature of Project: New five (5) story office building
known as Custom House Square.

8921
06/08/06

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act.

Signature: 

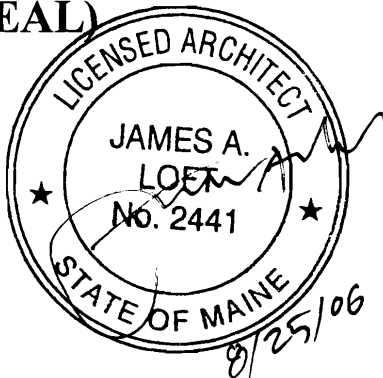
Title: Principal, Architecture

Firm: Pro Con, Inc.

Address: 1359 Hooksett Rd
Hooksett, NH 03106

Phone: 603-623-8811

(SEAL)





CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101

29 K1
06/08/06

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Service

FROM: Matthew J. Labrecque, P.E.

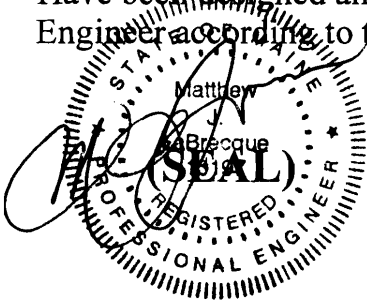
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Have been designed and drawn up by the undersigned, a Maine registered Architect /
Engineer according to the **2003 International Building Code** and local amendments.



Signature: 

Title: Structural Engineer

Firm: Pro Con, Inc.

Address: 1359 Hooksett Rd
Hooksett, NH 03106

As per Maine State Law:

\$50,000.00 or more in new construction, repair
expansion, addition, or modification for
Building or Structures, shall be prepared by a
registered design Professional.

REFER TO SHEET SO.1 OF CONSTRUCTION DOCUMENTS FOR ALL DESIGN CRITERIA (SEE ATTACHED)

FROM DESIGNER: MATTHEW J. LABRECQUE, PE, PRO CON INC.

DATE: 8-25-06

Job Name: CUSTOM HOUSE SQUARE

Address of Construction: 300 FORD ST, PORTLAND, ME

2003 International Building Code

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

Building Code and Year IBC 2003 Use Group Classification(s) B, A-2, M

Type of Construction 2B

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC YES

Is the Structure mixed use? YES if yes, separated or non separated (see Section 302.3) SEPERATED

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

STRUCTURAL DESGWN CALCULATIONS

N/A Submitted for all structural members (108.1, 108.1.1)

YES Live load reduction (1603.1.1, 1607.9, 1607.10)
N/A Roof live loads (1603.1.2, 1607.11)

DESIGN LOADS ON CONSTRUCTION DOCUMENTS (1603)

Uniformly distributed floor live loads (7603.11, 1607)

Floor Area Use B/A-2/M Loads Shown 100 PSF

Roof snow loads (7603.7.3, 1608)
50 PSF Ground snow load, P_g (1608.2)
35 PSF If $P_g > 10$ psf, flat-roof snow load, P_f (1608.3)
1.0 If $P_g > 10$ psf, snow exposure factor, C_e (Table 1608.3.1)
1.0 If $P_g > 10$ psf, snow load importance factor, I_s (Table 1604.5)
1.0 Roof thermal factor, C_t (Table 1608.3.2)
35 PSF Sloped roof snowload, P_s (1608.4)

29 k1
06/08/1

Wind loads (1603.1.4, 1609)

ANALYTICAL

100 mph Design option utilized (1609.1.1, 1609.6)

II, 1.0 Basic wind speed (1809.3)

C Building category and wind importance factor, I_w (Table 1604.5, 1609.5)

+1.0, -1.0 Wind exposure category (1609.4)

* Internal pressure coefficient (ASCE 7)

** Component and cladding pressures (1609.1.1, 1609.6.2.2)

** Main force wind pressures (7603.1.1, 1609.6.2.1)

ORDINARY STEEL MOMENT FRAMES

3.5, .15 Basic seismic-force-resisting system (Table 1617.6.2)
EQUIVALENT LATERAL FORCE Response modification coefficient, R , and deflection amplification factor, C_d (Table 1617.6.2)

19.6 k Analysis procedure (1616.6, 1617.5)

Design base shear (1617.4, 1617.5.1)

Flood loads (1603.1.6, 1612)

ZONE C Floodhazard area (1612.3)

11.75' Elevation of structure

Other loads

N/A Concentrated loads (1607.4)

10 PSF Partition loads (1607.5)

N/A Impact loads (1607.8)

N/A Misc. loads (Table 1607.6, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)

Earthquake design data (1603.1.5, 1614-1623)

SITE GROUND MOTION

I Design option utilized (1614.1)

* Seismic use group ("Category") (Table 1604.5, 1616.2)

* Spectral response coefficients, S_{DS} & S_{D1} (1615.1)

* Site class (1615.1.5)

MFWP: (LOADS IN PSF)
ZONE A B C D E F G H
26 -13 17 -8 -31 -18 -22 -14

**

- 1704.7 Soils
- 1704.8 Pile Foundations
- 1704.9 Pier Foundations
- 1704.10 Wall Panels and veneers
- 1704.11 Sprayed Fire-Resistant Materials

Statement of special inspections shall be prepared by the registered design professional in responsible charge in accordance with Section 106.1. This statement shall include a detailed account of the inspections to be performed for each of the applicable sections referenced above.

All work shall comply with the IBC 2003 Building Code

Floor loads:

Live loads:
All floors = 100 psf

Roof loads:

Dead Load = 20 psf
Top chord live load = "see Roof snow load"

Roof snow load:

Ground snow load, $P_g = 50$ psf
Flat roof snow load, $P_f = 35$ psf
Snow exposure factor, $C_e = 1.0$
Snow load importance factor, $I_s = 1.0$
Thermal factor, $C_t = 1.0$

Wind load:

Basic wind speed = 100 mph
Wind importance factor, $I_w = 1.0$
Wind exposure: C
Internal pressure coefficients: +.18, -.18
Components and cladding wind pressures (psf)*:

	10 ft ²	20 ft ²	50 ft ²	100 ft ²
<i>roof:</i> Zone 1	12, -29	11, -28	10, -27	9, -27
Zone 2	12, -49	11, -44	10, -37	9, -32
Zone 3	12, -74	11, -61	10, -44	9, -32
<i>walls:</i> Zone 4	29, -32	28, -30	26, -29	25, -27
Zone 5	29, -39	28, -36	26, -33	25, -30
<i>ovhng:</i> Zone 2	-42	-41	-40	-40
Zone 3	-69	-54	-35	-20

* All zones are per figure 1609.6.2.2 of code.

Earthquake design data:

Seismic Importance Factor, $I_e = 1.0$
Seismic use group: I
Mapped spectral response accelerations:
 $S_s = .375$
 $S_1 = .10$
Site class: E
Spectral response coefficients:
 $S_{DS} = .525$
 $S_{D1} = .233$
Seismic design category: D
Basic seismic-force-resisting system: Ordinary Steel Moment Frames
Design base shear = 196 k
Seismic response coefficient, $C_s = .15$
Response modification factor, $R = 3.5$
Analysis procedure: Equivalent lateral force procedure

ISSUE:
05/26/2006 - ISSUED FOR PRICING
07/11/2006 - ISSUED FOR PERMIT

CUSTOM HOUSE SQUARE

300 FORE STREET
PORTLAND, MAINE

STRUCTURAL GENERAL NOTES

PROJECT ARCHITECT:
MW

DRAWN BY:
AC

PROJECT #:
300506

S0.1

29k1
06/28/06

Statement of Special Inspections

Project: CUSTOM HOUSE SQUARE
Location: 300 FINE STREET, PORTLAND, ME
Owner: OLYMPIA EQUITY INVESTORS IVB

29 k1
06/08/1

Design Professional in Responsible Charge:

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 Special Inspection Coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This *Statement of Special Inspections* encompass the following disciplines:

- Structural Mechanical/Electrical/Plumbing
 Architectural Other: _____

The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge. 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 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 Registered Design Professional in Responsible Charge.

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 prior to issuance of a Certificate of Use and Occupancy.

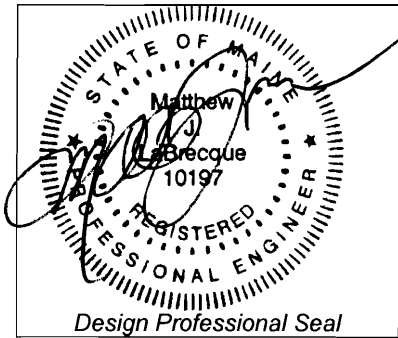
Job site safety and means and methods of construction are solely the responsibility of the Contractor.

Interim Report Frequency:

or per attached schedule.

Prepared by:

MATTHEW J. LABRECQUE, P.E.
(type or print name)



[Signature] 8/29/06
Signature Date

Owner's Authorization:

Building Official's Acceptance:

[Signature] 9/6/06
Signature Date
O.E.I.V.B. LLC
ITS SENIOR PM

Signature Date

Schedule of Inspection and Testing Agencies

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

- | | |
|---|--|
| <input checked="" type="checkbox"/> Soils and Foundations | <input type="checkbox"/> Spray Fire Resistant Material |
| <input checked="" type="checkbox"/> Cast-in-Place Concrete | <input type="checkbox"/> Wood Construction |
| <input type="checkbox"/> Precast Concrete | <input type="checkbox"/> Exterior Insulation and Finish System |
| <input checked="" type="checkbox"/> Masonry | <input type="checkbox"/> Mechanical & Electrical Systems |
| <input checked="" type="checkbox"/> Structural Steel | <input checked="" type="checkbox"/> Architectural Systems |
| <input checked="" type="checkbox"/> Cold-Formed Steel Framing | <input type="checkbox"/> Special Cases |

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. Special Inspection Coordinator MATTHEW J. LABRECQUE	PRO CON INC	1354 HOOKSETT RD HOOKSETT, NH 03106 603-623-8811
2. Inspector TIM BOYCE	S.W. COLE	286 PORTLAND RD. GRAY, ME 04039 207-657-2866
3. Inspector OTHERS TO BE DETERMINED		
4. Testing Agency		29/11 56/10/11
5. Testing Agency		
6. Other		

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.

Quality Assurance Plan

Quality Assurance for Seismic Resistance

Seismic Design Category **D**

Quality Assurance Plan Required (Y/N) **NO**

Description of seismic force resisting system and designated seismic systems:

**ORDINARY STEEL MOMENT FRAMES
REFER TO DESIGN CRITERIA ON SHEET SO.1**

Quality Assurance for Wind Requirements

Basic Wind Speed (3 second gust) **100 MPH**

Wind Exposure Category **C**

Quality Assurance Plan Required (Y/N) **YES**

Description of wind force resisting system and designated wind resisting components:

**ORDINARY STEEL MOMENT FRAMES
REFER TO DESIGN CRITERIA ON SHEET SO.1**

*06/08/1
JGK/1*

Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility.

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 if requested.

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test or inspection have a specific certification or license as indicated below, such designation shall appear below the *Agency Number* on the Schedule.

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

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

Exterior Design Institute (EDI) Certification

~~EDI-EIFS EIFS Third Party Inspector~~

Other

Item	Agency # (Qualif.)	Scope
1. Shallow Foundations	PE/GE	<p><i>Inspect soils below footings for adequate bearing capacity and consistency with geotechnical report.</i></p> <p><i>Inspect removal of unsuitable material and preparation of subgrade prior to placement of controlled fill</i></p>
2. Controlled Structural Fill	PE/GE	<p><i>Perform sieve tests (ASTM D422 & D1140) and modified Proctor tests (ASTM D1557) of each source of fill material.</i></p> <p><i>Inspect placement, lift thickness and compaction of controlled fill.</i></p> <p><i>Test density of each lift of fill by nuclear methods (ASTM D2922)</i></p> <p><i>Verify extent and slope of fill placement.</i></p>
3. Deep Foundations	PE/GE	<p><i>Inspect and log pile driving operations. Record pile driving resistance and verify compliance with driving criteria.</i></p> <p><i>Inspect piles for damage from driving and plumbness.</i></p> <p><i>Verify pile size, length and accessories.</i></p> <p><i>Inspect installation of drilled pier foundations. Verify pier diameter, bell diameter, lengths, embedment into bedrock and suitability of end bearing strata.</i></p>
4. Load Testing		<p>N/A</p> <p><i>JGK</i> <i>2/21/08</i></p>
4. Other:		

Item	Agency # (Qualif.)	Scope
1. Mix Design	ACI-CCI ICC-RCSI	Review concrete batch tickets and verify compliance with approved mix design. Verify that water added at the site does not exceed that allowed by the mix design.
2. Material Certification	TBD	<div style="text-align: right; font-size: 2em; font-family: cursive;">06/15/81 JGK</div>
3. Reinforcement Installation	ACI-CCI ICC-RCSI	Inspect size, spacing, cover, positioning and grade of reinforcing steel. Verify that reinforcing bars are free of form oil or other deleterious materials. Inspect bar laps and mechanical splices. Verify that bars are adequately tied and supported on chairs or bolsters
4. Post-Tensioning Operations	ICC-PCSI	Inspect placement, stressing, grouting and protection of post-tensioning tendons. Verify that tendons are correctly positioned, supported, tied and wrapped. Record tendon elongations.
5. Welding of Reinforcing	AWS-CWI	Visually inspect all reinforcing steel welds. Verify weldability of reinforcing steel. Inspect preheating of steel when required.
6. Anchor Rods	TBD	Inspect size, positioning and embedment of anchor rods. Inspect concrete placement and consolidation around anchors.
7. Concrete Placement	ACI-CCI ICC-RCSI	Inspect placement of concrete. Verify that concrete conveyance and depositing avoids segregation or contamination. Verify that concrete is properly consolidated.
8. Sampling and Testing of Concrete	ACI-CFTT ACI-STT	Test concrete compressive strength (ASTM C31 & C39), slump (ASTM C143), air-content (ASTM C231 or C173) and temperature (ASTM C1064).
9. Curing and Protection	ACI-CCI ICC-RCSI	Inspect curing, cold weather protection and hot weather protection procedures.
10. Other:		

Masonry

Required Inspection Level: 1 2

Item	Agency # (Qualif.)	Scope
1. Material Certification	TBD	<i>06/08/09</i>
2. Mixing of Mortar and Grout	ICC-SMSI	<i>Inspect proportioning, mixing and retempering of mortar and grout.</i>
3. Installation of Masonry	ICC-SMSI	<i>Inspect size, layout, bonding and placement of masonry units.</i>
4. Mortar Joints	ICC-SMSI	<i>Inspect construction of mortar joints including tooling and filling of head joints.</i>
5. Reinforcement Installation	ICC-SMSI AWS-CWI	<i>Inspect placement, positioning and lapping of reinforcing steel. Inspect welding of reinforcing steel.</i>
6. Prestressed Masonry	ICC-SMSI	<i>Inspect placement, anchorage and stressing of prestressing bars.</i>
7. Grouting Operations	ICC-SMSI	<i>Inspect placement and consolidation of grout. Inspect masonry clean-outs for high-lift grouting.</i>
7. Weather Protection	ICC-SMSI	<i>Inspect cold weather protection and hot weather protection procedures. Verify that wall cavities are protected against precipitation.</i>
9. Evaluation of Masonry Strength	ICC-SMSI	<i>Test compressive strength of mortar and grout cube samples (ASTM C780). Test compressive strength of masonry prisms (ASTM C1314).</i>
10. Anchors and Ties	ICC-SMSI	<i>Inspect size, location, spacing and embedment of dowels, anchors and ties.</i>
11. Other:		

Item	Agency # (Qualif.)	Scope
1. Fabricator Certification/ Quality Control Procedures <input type="checkbox"/> Fabricator Exempt	AWS/AISC- SSI ICC-SWSI	Review shop fabrication and quality control procedures. 06/08/11 gfk
2. Material Certification	AWS/AISC- SSI ICC-SWSI	Review certified mill test reports and identification markings on wide-flange shapes, high-strength bolts, nuts and welding electrodes
3. Open Web Steel Joists		Inspect installation, field welding and bridging of joists.
4. Bolting	AWS/AISC- SSI ICC-SWSI	Inspect installation and tightening of high-strength bolts. Verify that splines have separated from tension control bolts. Verify proper tightening sequence. Continuous inspection of bolts in slip-critical connections.
5. Welding	AWS-CWI ASNT	Visually inspect all welds. Inspect pre-heat, post-heat and surface preparation between passes. Verify size and length of fillet welds. Ultrasonic testing of all full-penetration welds.
6. Shear Connectors	AWS/AISC- SSI ICC-SWSI	Inspect size, number, positioning and welding of shear connectors. Inspect studs for full 360 degree flash. Ring test all shear connectors with a 3 lb hammer. Bend test all questionable studs to 15 degrees.
7. Structural Details	PE/SE	Inspect steel frame for compliance with structural drawings, including bracing, member configuration and connection details.
8. Metal Deck	AWS-CWI	Inspect welding and side-lap fastening of metal roof and floor deck.
9. Other:		

Cold-Formed Steel Framing

Item	Agency # (Qualif.)	Scope
1. Member Sizes	PCI	<i>Old</i> <i>29k</i>
2. Material Thickness	PCI	
3. Material Properties	PCI	
4. Mechanical Connections	PCI	
5. Welding	PCI	
6. Framing Details	PCI	
7. Trusses	PCI	
8. Permanent Truss Bracing	PCI	
9. Other:		

Item	Agency # (Qualif.)	Scope
1. Wall Panels & Veneers EXTERIOR SCREEN WALL SYSTEM	PCI	REVIEW INTEGRITY OF WATERPROOFING BARRIER, INSTALLATION OF FURRING SYSTEM TO ASSURE WATER DRAINAGE, FLASHINGS, PANEL INSTALLATION AND FASTENERS. VISUAL INSPECTION.
2. Suspended Ceilings		
3. Access Floors		
4. Other:		