

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

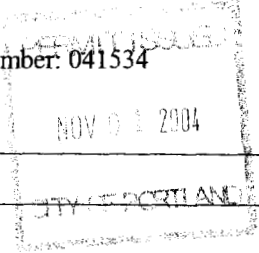
CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

BUILDING INSPECTION

PERMIT

Permit Number: 041534



This is to certify that H J Associates Ltd/HardyPort Construct has permission to Replacement of pool roof and snow load upgrade AT 155 Riverside St 267 B001001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the ordinances of the City of Portland regulating 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 written permission procured before this building or part thereof is altered or closed-in. HEAVY NOTICE IS REQUIRED.

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

OTHER REQUIRED APPROVALS

Fire Dept. [Signature]
Health Dept.
Appeal Board
Other

Department Name

[Signature] 11/03/04
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: 04-1534 | Issue Date: | CBL: 267 B001001 |
|-----------------------|-------------|---------------------|

| | | | |
|---|--|--|---------------------|
| Location of Construction: 155 Riverside St | Owner Name: H J Associates Ltd | Owner Address: 155 Riverside St | Phone: |
| Business Name: n/a | Contractor Name: HardyPond Construction | Contractor Address: 1039 Riverside St Suite 11 Portland | Phone 2077976066 |
| Lessee/Buyer's Name n/a | Phone: n/a | | Zone: 34 |

| | | |
|---|--|--|
| Past Use: Commercial / Howard Johnson Hotel | Proposed Use: Howard Johnson Hotel / Replacement of pool roof with snow load upgrade. | \$1,209.00 \$131,111.00 3 |
| FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied | | INSPECTION: Use Group: R1 Type: 2B 11/3/04 Signature: [Signature] |

| | | |
|---|------------------------|------------------------|
| Proposed Project Description: Replacement of pool roof with snow load upgrade | Signature: [Signature] | Signature: [Signature] |
| PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____ | | |

| | | |
|------------------------|---------------------------------|------------------------|
| Permit Taken By: gg | Date Applied For: 10/12/2004 | Zoning Approval |
|------------------------|---------------------------------|------------------------|

| | | | |
|--|---|--|---|
| 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"/> Date: 12/13/04 | Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: | Historic Preservation <input checked="" 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: |
|--|---|--|---|

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

City of Portland, Maine - Building or Use Permit

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

| | | |
|------------------------------|--|----------------------------|
| Permit No: 04-1534 | Date Applied For: 10/12/2004 | CBL: 267 B001001 |
|------------------------------|--|----------------------------|

| | | | |
|---|---|--|--------------------------------|
| Location of Construction: 155 Riverside St | Owner Name: H J Associates Ltd | Owner Address: 155 Riverside St | Phone: |
| Business Name: n/a | Contractor Name: HardyPond Construction | Contractor Address: 1039 Riverside St Suite 11 Portland | Phone (207) 797-6066 |
| Lessee/Buyer's Name n/a | Phone: n/a | Permit Type: Alterations - Commercial | |
| Proposed Use: Howard Johnson Hotel Replacement of pool roof with snow load upgrade. | | Proposed Project Description: Replacement of pool roof with snow load upgrade. | |

Dept: Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 10/13/2004
Note: **Ok to Issue:**

Dept: Building **Status:** Approved **Reviewer:** Mike Nugent **Approval Date:** 11/03/2004
Note: **Ok to Issue:**

Dept: Fire **Status:** Pending **Reviewer:** Lt. MacDougal **Approval Date:** 10/14/2004
Note: **Ok to Issue:**

Comments:

10/15/2004-mjn: need new certification forms Received MJN

BECKER

structural engineers, inc

STATEMENT OF SPECIAL INSPECTIONS

PROJECT: Howard Johnson's Plaza Hotel Pool Roof Replacement
LOCATION: Portland, Maine
PERMIT APPLICANT: Hardypond Construction
APPLICANT'S ADDRESS: 1039 Riverside St. - Suite 11, Portland, Maine 04103

STRUCTURAL ENGINEER OF RECORD: Todd M. Neal, P.E. - Becker Structural Engineers, Inc.

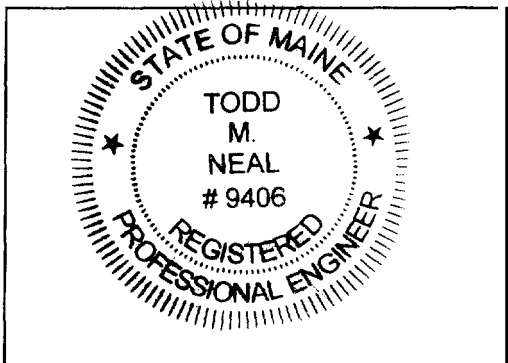
ARCHITECT OF RECORD: Not applicable

This Statement of Special Inspections is submitted in accordance with Section 1705.0 of the 1999 BOCA National Building Code. It includes a listing of special inspections applicable to this project as well as the name of the Special Inspector, and the names of other agencies intended to be retained for conducting these inspections.

The Special Inspector shall keep records of all inspections listed herein, and shall furnish inspection reports to the Code Official and to the Registered Design Professional of Record. All 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 Code Official and the Registered Design Professional of Record. Interim reports shall be submitted to the Code Official and to the Registered Design Professional of Record monthly, unless more frequent submissions are requested by the Code Official.

Job site safety is solely the responsibility of the Contractor. Materials and activities to be inspected are not to include the Contractor's equipment and methods used to erect or install the materials listed.

Prepared By:
Todd M. Neal, P.E.
NAME
[Signature] 10/7/04
SIGNATURE DATE



Preparer's P.E. Seal

Applicant's Authorization:
[Signature] 10/12/04
SIGNATURE DATE

Building Code Official:

SIGNATURE DATE

B E C K E R

structural engineers. inc.

LIST OF AGENTS

PROJECT: Howard Johnson's Plaza Hotel Pool Roof Replacement

STRUCTURAL ENGINEER OF RECORD: Todd M. Neal, P.E. - Becker Structural Engineers, Inc.
Name Firm
75 York Street - Portland, ME 04101
Address

ARCHITECT OF RECORD: Not Applicable
Name Firm
Address

Following is the List of Agents selected for performance of Special Inspections for this project:

| | Name | Firm | Abbreviation |
|-----------------------|--------------------|-----------------------------------|--------------|
| 1. Special Inspector | Todd M. Neal, P.E. | Becker Structural Engineers, Inc. | BSE |
| 2. Special Inspector. | Daniel J. O'Will | Becker Structural Engineers, Inc. | BSE |

BECKER

structural engineers, inc

FINAL REPORT OF SPECIAL INSPECTIONS

PROJECT: Howard Johnson's Plaza Hotel Pool Roof Replacement

LOCATION: Portland, Maine

PERMIT APPLICANT: Hardypond Construction

APPLICANT'S ADDRESS: 1039 Riverside St. - Suite 11, Portland, Maine 04103

STRUCTURAL ENGINEER OF RECORD: Todd M. Neal, P.E. - Becker Structural Engineers, Inc.

Name Firm

ARCHITECT OF RECORD: Not Applicable

Name Firm

GENERAL CONTRACTOR: Robert J. Gaudreau - Hardypond Construction

To the best of my information, knowledge, and belief, the Special Inspections required for this project, and described in the Statement of Special Inspections submitted for the project, have been completed.

The following discrepancies that were outstanding since the last interim report, No. dated , have been corrected:

(Use additional sheets, if necessary)

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

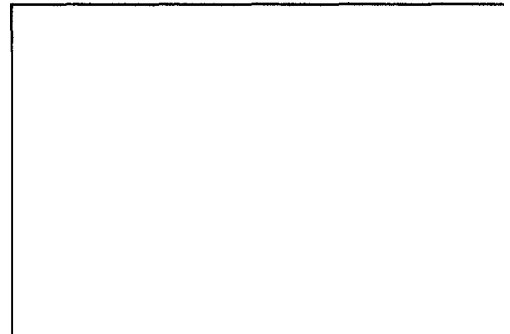
Submitted By:
SPECIAL INSPECTOR

Todd M. Neal, P.E.

NAME

SIGNATURE

DATE



Special Inspector's P.E. Seal

41534

All Purpose Building Permit Application

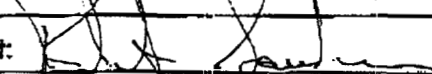
If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

| | | |
|--|--|--|
| Location/Address of Construction: <u>155 RIVERSIDE ST</u> | | |
| Total Square Footage of Proposed Structure <u>2000 SF</u> | Square Footage of Lot | |
| Tax Assessor's Chart, Block & Lot Chart# <u>267</u> Block# <u>B</u> Lot# <u>001</u> | Owner: <u>HOWARD JOHNSON PLAZA HOTEL</u> <u>155 RIVERSIDE ST</u> <u>774-5861</u> | Telephone: <u>774-5861</u> |
| Lessee/Buyer's Name (if Applicable) | Applicant name, address & telephone: <u>HARDYBOND CONST.</u> <u>1039 RIVERSIDE ST SUITE 11</u> <u>PORTLAND, ME 04103</u> | Cost Of Work: \$ <u>131,116.00</u> Fee: \$ <u>1209.00</u> |
| Current use: <u>HOTEL</u> | | |
| If the location is currently vacant, what was prior use: _____ | | |
| Approximately how long has it been vacant: _____ | | |
| Proposed use: <u>SAMR</u> | | |
| Project description: <u>POOL ROOF + STRUCTURE HAS DETEIORATED AND REQUIRES REPLACEMENT WITH SNOW LOAD UPGRADES</u> | | |
| Contractor's name, address & telephone: <u>HARDYBOND CONSTRUCTION</u> <u>1039 RIVERSIDE ST SUITE 11</u> <u>PORTLAND, ME 04103</u> | | |
| Who should we contact when the permit is ready: <u>JEFF FREY</u> <u>797-6066</u> | | |
| Mailing address: <u>SAMR</u> | | |
| We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: <u>797-6066</u> | | |

RECEIVED
OCT 12 2004

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

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 of applicant:  | Date: <u>10/6/04</u> |
|---|----------------------|

This is NOT a permit, you may not commence ANY work until the permit is issued. If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall



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

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

FROM: _____

RE: Certificate of Design

DATE: 12/7/04 --

These plans and / or specifications covering construction work on:

HOWARD JOHNSON PLAZA HOTEL - POOL ROOF REPLACEMENT

155 RIVERSIDE ST. PORTLAND, MAINE 04103-1097

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the BOCA National Building Code / 1999 (Fourteenth Edition) and local amendments.



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.

Signature: _____

Title: ASSOCIATE

Firm: BECKER STRUCTURAL ENGINEERS, INC.

Address: 75 YORK ST., PORTLAND, ME 04101



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

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

FROM DESIGNER: BECKER STRUCTURAL ENGINEERS, INC
75 YORK ST., PORTLAND, ME 04101
 DATE: OCTOBER 7, 2004
 Job Name: HOWARD JOHNSON PLAZA HOTEL - POOL ROOF REPLACEMENT
 Address of Construction: 155 RIVERSIDE ST., PORTLAND, MAINE 04103-1097

THE BOCA NATIONAL BUILDING CODE / 1999 (FOURTEENTH EDITION)
 Construction project was designed according to the building code criteria listed below:

Building Code and Year 1999 Use Group Classification(s) R-

Type of Construction EXISTING * NOT REQUIRING FOR ROOF STRUCTURE REPLACEMENT AS PER CONVEYANCE WITH MIKE NUGENT.

Structural Systems

Roof Snow Load

- 60 Ground Snow Load (Pg)
- 46.2 If Pg > 10 psf, Flat Roof snow load, Pf
- 1.0 If Pg > 10 psf, snow exposure factor, Ce
- 1.1 If Pg > 10 psf, roof thermal factor:
- 1.0 If Pg > 10 psf, snow load importance factor, I
- N/A Sloped Roof Snowload Ps

Earthquake Loads

- N/A * Peak velocity-related acceleration, Av
- Peak acceleration, Aa
- Seismic hazard exposure group
- Seismic performance category
- Soil profile type
- Basic structural system/seismic-resisting system
- Response modification factor, R, and deflection amplification factor, Cd,

N/A The documents must account for Drift snow load, unbalanced snow load and Sliding snow loads as required.

Wind Loads - N/A *

- N/A Basic Wind Speed
- N/A Internal Pressure Coefficient
- N/A Wind Exposure Category
- N/A Wind Design Pressure
- N/A Wind Importance Factor



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

N/A
ACCESSIBILITY HAS
AND WILL NOT BE
ALTERED FROM
EXISTING CONDITIONS

ACCESSIBILITY CERTIFICATE

Designer: _____

Address of Project: _____

Nature of Project: _____

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: _____

Firm: _____

Address: _____

Phone: _____

(SEAL)

Becker Structural Engineers, Inc.

FAX COVER

75 York Street
Portland, ME 04101-4550
207.879.1838 phone
207.879.1822 fax

TO: Mike Nugent @ City of Portland Building Code

FAX NO: 207-874-8716

FROM: Todd Neal, P.E.

DATE/TIME: October 25, 2004/03:41 PM

SUBJECT: Howard Johnson Plaza Hotel – Pool Roof Replacement

Mike,

Attached are the revised certificate sheets you requested. Please call if you need anything else,

Cc: Bob Gaudreau @ Hardypond Construction (797-8986)



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

N/A

ACCESSIBILITY HAS NOT
AND WILL NOT BE
ALTERED FROM
EXISTING CONDTIONS

ACCESSIBILITY CERTIFICATE

Designer: _____

Address of Project: _____

Nature of Project: _____

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: _____

Firm: _____

Address : _____

Phone: _____

(SEAL)

FROM DESIGNER: BECKER STRUCTURAL ENGINEERS, INC.

DATE: 10/25/04

Job Name: HOWARD JOHNSON PLAZA HOTEL - ROOF ROOF REPLACEMENT

Address of Construction: 155 RIVERSIDE ST., PORTLAND, ME 04103-1097

2003 International Building Code

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

Building Code and Year _____ Use Group Classification(s) _____

Type of Construction _____

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IBC. NO

Is the Structure mixed use? NO if yes, separated or non separated (see Section 302.3) _____

Supervisory alarm system? NO Geotechnical/Soils report required? (See Section 1802.2) NO

STRUCTURAL DESIGN CALCULATIONS

NO Submitted for all structural members (108.1, 108.1.1)

N/A Live load reduction (1603.1.1, 1607.8, 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)

Roof snow loads (7603.7.3, 1608)

| Floor Area Use | Loads Shown |
|----------------|-------------|
| <u>N/A</u> | <u>N/A</u> |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

60 Ground snow load, P_g (1608.2)
46.2 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)
1.1 Roof thermal factor, C_t (Table 1608.3.2)
N/A Sloped roof snowload, P_s (1608.4)

Wind loads (1603.1.4, 1609)

N/A* Design option utilized (1609.1.1, 1609.6)
N/A* Basic wind speed (1609.3)
N/A* Building category and wind importance factor, I_w (Table 1604.5, 1609.5)
N/A* Wind exposure category (1609.4)
N/A* Internal pressure coefficient (ASCE 7)
N/A* Component and cladding pressures (1609.1.1, 1609.8.2.2)
N/A* Main force wind pressures (7603.1.1, 1609.8.2.1)

N/A* Seismic design category (1616.3)
N/A* Basic seismic-force-resisting system (Table 1617.8.2)
N/A* Response modification coefficient, R , and deflection amplification factor, C_d (Table 1617.8.2)
N/A* Analysis procedure (1616.6, 1617.5)
N/A* Design base shear (1617.4, 1617.5.1)

Flood loads (1603.1.6, 1612)

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

Earthquake design data (1603.1.5, 1614 - 1623)

N/A* Design option utilized (1614.1)
N/A* Seismic use group ("Category") (Table 1604.5, 1616.2)
N/A* Spectral response coefficients, S_{DS} & S_{D1} (1615.1)
N/A* Site class (1615.1.5)

Other loads
N/A Concentrated loads (1607.4)
N/A Partition loads (1607.5)
N/A Impact loads (1607.8)
N/A Misc. loads (Table 1607.8, 1607.8.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)

*** NOT REQUIRED FOR ROOF STRUCTURE REPLACEMENT AS PER CONVERSATION WITH CLIENT**



CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 3 15
Portland, Maine 04 101

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

FROM: BECKER STRUCTURAL ENGINEERS, INC.

RE: Certificate of Design

DATE: 10/25/04

These plans and/ or specifications covering construction work on:

HOWARD JOHNSON PLAZA HOTEL - POOL ROOF REPLACEMENT

155 RIVERSIDE ST., PORTLAND, ME 04103-1097

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: [Handwritten Signature]

Title: ASSOCIATE

Firm: BECKER STRUCTURAL ENGINEERS, INC.

Address: 75 YORK ST., PORTLAND, ME
04101

\$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.

Special Inspections Final Report

TO: Mark Heisler @ Howard Johnson Plaza Hotel
FROM: Daniel J. O'Wril, E.I.
DATE/TIME: February 17, 2005
Project: WO 1244: Howard Johnson Plaza Hotel Pool Roof Repair

Demolition of the existing wood roof system began in early December and our Special Inspections began on December 6, 2004. The following is a summary of the work completed through the month of January.

At this time the renovation of the roof is complete with the exception of a few unpainted patches on the structural steel beams. The structural steel beams, steel roof deck, and associated connections conform to the details of the Construction Documents. The roof system- insulation, weather proof membrane, and scuppers are complete. The Skylight is installed as specified on the Construction Drawings. Overall the work performed has been satisfactory.

If you have any further questions regarding the project that are not addressed in the attached reports, please do not hesitate to call.

CC: Mike Nugent @ the City of Portland, Bob Gaudreau @ Hardy Pond Construction.
Attachments: Observation Reports 12/6/04 through 1/18/05

FINAL REPORT OF SPECIAL INSPECTIONS

PROJECT: Howard Johnson's Plaza Hotel Pool Roof Replacement

LOCATION: Portland, Maine

PERMIT APPLICANT: Hardypond Construction

APPLICANT'S ADDRESS: 1039 Riverside St., Suite 11, Portland, Maine 04103

STRUCTURAL ENGINEER OF RECORD: Todd M. Neal, P.E. - Becker Structural Engineers, Inc.
Name Firm

ARCHITECT OF RECORD: Not Applicable
Name Firm

GENERAL CONTRACTOR: Robert J. Gaudreau - Hardypond Construction

To the best of my information, knowledge, and belief, the Special Inspections required for this project, and described in the Statement of Special Inspections submitted for the project, have been completed.

The following discrepancies that were outstanding since the last interim report, No. dated have been corrected:

(Use additional sheets, if necessary)

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

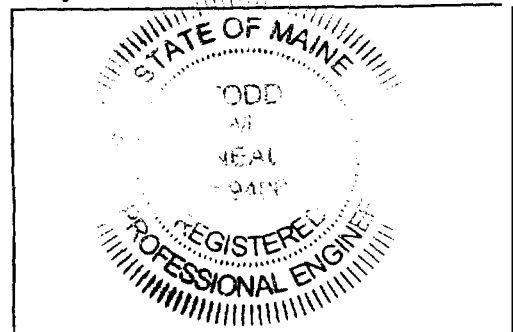
Submitted By:
SPECIAL INSPECTOR

Todd M. Neal, P.E.

NAME [Signature]

SIGNATURE DATE

2/17/05



Special Inspector's P.E. Seal

SCHEDULE OF SPECIAL INSPECTION SERVICES
Project: Howard Johnson's Plaza Hotel Pool Roof Replacement

Summary of Services (Exhibit A)

| Material/Activity | Item | Service | Y/N | Extent | Comments | Agent | Date | Rev |
|---|-------------|--|-----|-----------------------|--|-------|----------|-----|
| 1705.2 Inspection of Fabricators | 1.00 | | | | | | | |
| | | Fabrication Procedures | Y | | | BSE | 12-13-04 | DJO |
| | | Procedure Implementation | Y | | | BSE | 12-13-04 | DJO |
| 1705.3 Steel Construction | 2.00 | | | | | | | |
| Steel Fabrication | | In-Plant-Review Part A-Fabrication/QA | | | | | | |
| | | 1. AISC | Y | Provide Certification | Conventional Steel Building Structures | BSE | 02-16-05 | DJO |
| | | 2. AWS Quality Assurance | Y | Provide Certification | | BSE | 02-16-05 | DJO |
| | | Part B – Procedures Implementation Review Conformance to Part A | | | | | | |
| | | 1. Bolts, Nuts, Washers | N | | | | | |
| | | 2. Structural Steel | Y | Sample | AISC A6 or A568 | BSE | 02-16-05 | DJO |
| | | 3. Weld Filler Material | Y | Sample | AISC ASD A3.6 | BSE | 02-16-05 | DJO |
| | | Review Connections | | | | | | |
| | | 1. Shop Bolted | N | | | | | |
| | | 2. Shop Welded | Y | All | In Field-Visual | BSE | 1-05-05 | DJO |
| | | 3. Connection Design Calcs | N | | | | | |
| | | 4. Shop Welder Certs | Y | All | | BSE | 02-16-05 | DJO |
| Steel Erection | | Review Material Certs of Compliance | | | | | | |
| | | 1. Bolts, Nuts, Washers | N | | | | | |
| | | 2. Structural Steel | Y | All | | BSE | 02-16-05 | DJO |
| | | 3. Weld Filler Material | Y | All | | BSE | 02-16-05 | DJO |
| | | Review Primary Steel Connections | | | | | | |
| | | Moment Connections | N | | | | | |
| | | Shear Connections | | | | | | |
| | | 1. Field Bolted | N | | | | | |
| | | 2. Field Welded | Y | All | | BSE | 1-05-05 | DJO |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

SCHEDULE OF SPECIAL INSPECTION SERVICES
Project: Howard Johnson's Plaza Hotel Pool Roof Replacement

| Material/Activity | Item | Service | Y/N | Extent | Comments | Agent | Date | Rev |
|-------------------------------------|------|---|-----|--------|----------|-------|---------|-----|
| 1705.3 Steel Construction Cont'd | 2.00 | | | | | | | |
| Steel Erection Cont'd | | | | | | | | |
| | | Review Welded Column Splices | N | | | | | |
| | | Review Base Metal Testing for "t">1 ½" | N | | | | | |
| | | Review Secondary Steel Connections | | | | | | |
| | | 1. Girts | Y | Sample | | BSE | 1-05-05 | DJO |
| | | 2. Steel Deck | Y | All | | BSE | 1-05-05 | DJO |
| | | 3. Review Details/Steel Frame | Y | Sample | | BSE | 1-05-05 | DJO |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

B E C K E R

structural engineers, inc

Project: Howard Johnson's Roof Repair
Location: Portland, Maine
Becker Job No: 1244

| Date: | Observation Performed |
|-------------|--|
| 12-06-04 | Observed removal of roof sheathing. Structural Steel to be on site and erecting by Thursday afternoon weather pending. |
| 12-13-04 | Steel Erectors working on structure |
| 12-21/22-04 | Observed repair to wood framed wall system and roof deck layout |
| 1-04-05 | Structural Steel complete. Roof membrane installed |
| 1-18-05 | Structural steel painted- a few patches left. |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

B E C K E R

stru~ t~u& engineers, inc

| |
|---------------------------|
| OBSERVATION REPORT |
| Structural Steel |

Date: 12-06-04
Time: 11 :00AM
Temp: Mld 20's
Weather: Overcast

Project: Howard Johnson's Roof Repair
Location: Portland, ME
Becker Job No: 1244

Observation Location:
 Existing roof from column line H to the existing chimney.

| | Satisfactory | Un-Satisfactory | Not Completed | Not Applicable | |
|-------------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|----------|
| Bolt Condition | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Comments |
| Weld Condition | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Anchor Bolts, Nuts, & Washers | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Grout/Leveling Plates | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Fit Up/Plumbness | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Metal Deck Welds | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Stiffener Plates | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Bracing | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Roof Membrane/Insulation | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Structural Steel Paint | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Notes:
 At the time of my visit, the existing roof sheathing was being removed from column line H to the existing chimney. The roof membrane was removed from the entire roof area. The Existing steel columns were not yet exposed. The steel is due to arrive on the site on Thursday December 9, 2004. The existing **wood** wall framing is consistent with the framing detailed on the Construction Documents.

Signed: Daniel J. O'Wril, E.I.

B E C K E R

structural engineers, inc

OBSERVATION REPORT

Structural Steel

Date: 12-13-04

Time: 3:00 PM

Temp: 25

Weather: Overcast

Project: Howard Johnson's Roof Repair

Location: Portland, ME

Becker Job No: 1244

Observation Location:

Entire steel framing surrounding pool.

| | Satisfactory | Un-Satisfactory | Not Completed | Not Applicable | Comments |
|----------------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|----------|
| Bolt Condition | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Weld Condition | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Anchor Bolts, Nuts, & Washers | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Grout/Leveling Plates | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Fit Up/Plumbness | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Metal Deck Welds | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Stiffener Plates | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Bracing | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Roof Insuation/ Membrane | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Structural Steel Paint | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

Notes:

Steel erection ongoing.

Signed: Daniel J. O'Wril, E.I.

B E C K E R

structural engineers, inc

| |
|---------------------------|
| OBSERVATION REPORT |
| Structural Steel |

Date: 12-21-04/12-22-04
Time: 4:00 PM/12:00 PM
Temp: 30's
Weather: Overcast/Sunny

Project: Howard Johnson's Roof Repair
Location: Portland, ME
Becker Job No: 1244

Observation Location:
 Entire steel framing surrounding pool.

| | Satisfactory | Un-Satisfactory | Not Completed | Not Applicable | |
|-------------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|------------------------------|
| Bolt Condition | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Weld Condition | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Anchor Bolts, Nuts, & Washers | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Grout/Leveling Plates | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Fit Up/Plumbness | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Metal Deck Welds | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1/2 Steel roof deck in place |
| Stiffener Plates | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Bracing | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Roof Insulation/Membrane | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Structural Steel Paint | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

Notes:

Structural steel in place, Stiffeners/bracing not in place. The Steel deck did not lay flat on the wood end wall framing or at the ends of the structural steel. From inside the building, a gap was visible between the top flange of the beam and the ceiling surface as well as between the wood framed end wall and the ceiling.

The wood framed side walls were not braced as specified on the construction drawings, but adequate bracing was provided by attaching the wood framed wall to the steel deck.

Signed: Daniel J. O'Wril, E.I.

B E C K E R

structural engineers, inc

| |
|---------------------------|
| OBSERVATION REPORT |
|---------------------------|

| |
|------------------|
| Structural Steel |
|------------------|

Date: 1-4-05
Time: 4:30 PM
Temp: MID 30's
Weather: Overcast Drizzle

Project: Howard Johnson's Roof Repair
Location: Portland, ME
Becker Job No: 1244

Observation Location:
 Roof system and structural steel.

| | Satisfactory | Un-Satisfactory | Not Completed | Not Applicable | |
|-------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--|
| Bolt Condition | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Weld Condition | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Anchor Bolts, Nuts, & Washers | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Grout/Leveling Plates | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Fit Up/Plumbness | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | One beam at H line has a slight twist @ I-Line end |
| Metal Deck Welds | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1/2 Steel roof deck in place |
| Stiffener Plates | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Bracing | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Roof Insulation / Membrane | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Parapet drain not complete |
| Structural Steel Paint | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

Notes:

Welding complete, stiffeners installed as per C.D.'s. Skylight framing in place. Room is being heated in preparation for paint application. Roof deck is fastened to structural steel and wood framed walls. Deck is now laying flat on structural steel as well as on each end wall. The roof insulation and membrane are in place. Parapet drain not complete, roof draining directly into wall system at this time.

Signed: Daniel J. O'Wril, E.I.

B E C K E R

structural engineers, inc

| |
|---------------------------|
| OBSERVATION REPORT |
| Structural Steel |

Date: 1-18-05
Time: 4:30 PM
Temp: Mid Teens
Weather: Sunny

Project: Howard Johnson's Roof Repair
Location: Portland, ME
Becker Job No: 1244

Observation Location:
 Structural Steel Painting

| | Satisfactory | Un-Satisfactory | Not Completed | Not Applicable | |
|-------------------------------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|-----------------------|
| Bolt Condition | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Comments |
| Weld Condition | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Anchor Bolts, Nuts, & Washers | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Grout/Leveling Plates | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Fit Up/Plumbness | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Metal Deck Welds | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Stiffener Plates | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Bracing | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Roof Insulation/Membrane | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Structural Steel Paint | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Painting 95% complete |

Notes:

Structural steel painting is nearly complete. The roof scupper drain is complete. No leakage is visible at the scupper location. Mark Kinney mentioned that the reason the painting was not complete was due to some water dripping from the roof above a few sections of the steel beams. He believes that the water was coming from some moisture that was trapped below the roof membrane and not through the new roof membrane or flashing.

Signed: Daniel J. O'Wril, E.I.

SEBAGO TECHNICS, INC.

One Chabot Street

P.O. BOX 1339

WESTPORT, VT 05671

4300

LETTER

MAN