

**City of Portland, Maine - Building or Use Permit Application**  
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

|                       |                             |                                    |
|-----------------------|-----------------------------|------------------------------------|
| <b>PERMIT ISSUED</b>  |                             | 210A-B-004                         |
| Permit No:<br>01-1296 | Issue Date:<br>DEC - 3 2001 | CBL: <del>208</del><br>208-A001001 |

|  |   |  |                        |
|--|---|--|------------------------|
| Location of Construction:<br><del>968 Westbrook St</del> Jetpat Blvd | Owner Name:<br>Avis Rent-a-car              | Owner Address:<br>900 Old Country Rd               | Phone:<br>207-767-4915 |
| Business Name:<br>AVIS   | Contractor Name:<br>Horne Construction Inc. | Contractor Address:<br>154 High Street Somersworth | Phone:<br>6036927180   |
| Lessee/Buyer's Name  | Phone:                                      | Permit Type:<br>Commercial                         | Zone:<br>AB            |

|  |  |   |   |                    |
|--|--|---|---|--------------------|
| Past Use:<br>vacant land   | Proposed Use:<br>office, car wash, 2 bay maintenance & fuel island | Permit Fee:<br>\$5,424.00   | Cost of Work:<br>\$900,000.00                     | CEO District:<br>3 |
| Proposed Project Description:<br>erect a 4,924 s.f. Building to include: office, car wash & fuel facility                |  | FIRE DEPT:<br><input checked="" type="checkbox"/> Approved<br><input type="checkbox"/> Denied | INSPECTION:<br>Use Group: S1 Type: 2B<br>11/30/01 |                    |
|  |  | Signature: <i>[Signature]</i>   | Signature: <i>[Signature]</i>                     |                    |
| 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:<br>jodinea | Date Applied For:<br>10/22/2001 | <b>Zoning Approval</b> |
|-----------------------------|---------------------------------|------------------------|

|  |  |  |  |
|--|--|--|--|
| 1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.<br>2. Building permits do not include plumbing, septic or electrical work.<br>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<br><input type="checkbox"/> Shoreland <i>N/A</i><br><input type="checkbox"/> Wetland<br><input type="checkbox"/> Flood Zone <i>Parcel 12 Zone X</i><br><input type="checkbox"/> Subdivision<br><input checked="" type="checkbox"/> Site Plan<br>#2001-0130<br>Maj <input checked="" type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/><br>Date: <i>OK with conditions</i><br><i>10/31/01</i> | Zoning Appeal<br><input type="checkbox"/> Variance<br><input type="checkbox"/> Miscellaneous<br><input type="checkbox"/> Conditional Use<br><input type="checkbox"/> Interpretation<br><input type="checkbox"/> Approved<br><input type="checkbox"/> Denied<br>Date: | Historic Preservation<br><input checked="" type="checkbox"/> Not in District or Landmark<br><input type="checkbox"/> Does Not Require Review<br><input type="checkbox"/> Requires Review<br><input type="checkbox"/> Approved<br><input type="checkbox"/> Approved w/Conditions<br><input type="checkbox"/> Denied<br>Date: <i>[Signature]</i> |
|--|--|--|--|

**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

2001-0130

UNDER 5000 S.F.

01-1296

# 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: **AVIS JETPORT BULD PORTLAND, ME**

Total Square Footage of Proposed Structure: **4924 S.F.** Square Footage of Lot: **5.01 A. 218,182 S.F.**

Tax Assessor's Chart, Block & Lot: **MAP 210A** Owner: **TOYE REALTY HOLDINGS LLC** Telephone: **207-767-4415**  
Chart#: **MAP 210A** Block#: **210A** Lot#: **210A** P.O. BOX 88  
**CAPE ELIZABETH, MAINE 04107**

Lessee/Buyer's Name (If Applicable): **RONALD ROBSON A.I.A.** Applicant name, address & telephone: **718 397 6422** Cost Of Work: **\$ 900,000**  
**AVIS RENTA CAR SYSTEMS INC.** **WORLD HEADQUARTERS** **90-30 GRAND CENTRAL PARKWAY EAST ELMHURST NY 11369** **EXCLUSIVE OF SITE Fee: \$ 5424.00**

Current use: **SITE IS VACANT - NO BUILDINGS**  
If the location is currently vacant, what was prior use: \_\_\_\_\_  
Approximately how long has it been vacant: \_\_\_\_\_  
Proposed use: **AVIS - OFFICE, CAR WASH 2 BAY MAINTENANCE**  
Project description: **OFFICE, CAR WASH 2 BAY MAINTENANCE & FUEL ISLAND**

Contractor's name, address & telephone: **HORNE CONSTRUCTION**  
**154 HIGH STREET**  
**SOMERSWORTH N.H. 03878-2612**  
Who should we contact when the permit is ready: **DENNIS O'NEIL**  
Mailing address: **HORNE CONSTRUCTION** Fax **603 692 7180**  
**154 HIGH STREET** Phone **603 692 7180**  
**SOMERSWORTH, N.H. 03878-2612**

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: **Ronald A. Robson** Date: **18 October 2001**  
**Regional Director Corporate Facilities**

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

**Site Review Pre-Application**  
**Multi-Family/Attached Single Family Dwellings/Two-Family Dwelling**  
**or Commercial Structures and Additions Thereto**

In the interest of processing your application in the quickest possible manner, please complete the Information below for Site Plan Review

**NOTE\*\*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.**

AVIS RENT A CAR SYSTEMS INC

5.29.01

Applicant  
900 OLD COUNTRY ROAD  
GARDEN CITY, NY 11530  
 Applicant's Mailing Address

Application Date  
AVIS RENT A CAR

Consultant/Agent  
GAWRON ARCHITECTS / SEBAGO TECHNICS INC

Project Name/Description  
WESTBROCK ST.  
 Address Of Proposed Site  
208 A 001 210A 004

Applicant/Agent Daytime telephone and FAX  
GAWRON 803.6307  
STI 856.0277

Assessor's Reference, Chart#, Block, Lot#  
210A 004  
208A

Proposed Development (Check all that apply)  New Building  Building Addition  Change of Use  Residential  Office  Retail  
 Manufacturing  Warehouse/Distribution  Other(Specify) \_\_\_\_\_

4,816 sq ft

5.01

AB ZONE

Proposed Building Square Footage and /or # of Units

Acreage of Site

Zoning

You must Include the following with you application:

- 1) A Copy of Your Deed or Purchase and Sale Agreement
- 2) 7 sets of Site Plan packages containing the information found in the attached sample plans and checklist. 2 extra Site Plans

(Section 14-522 of the Zoning Ordinance outlines the process, copies are available for review at the counter, photocopies are \$ 0.25 per page)

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/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if an approval for the proposed project or use 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 approval at any reasonable hour to enforce the provisions of the codes applicable to this approval.

|   |                      |
|---|----------------------|
| Signature of applicant: <u>Stephen G. Doe (Agent)</u> | Date: <u>5.29.01</u> |
|---|----------------------|

Site Review Fee: Major \$500.00 Minor 400.00

This application is for site review ONLY, a Building Permit application and associated fees will be required prior to construction.



Master Planning  
Architecture  
Interior Design  
Landscape Architecture

210A BOOY

PRINCIPALS  
Stan Gawron, Architect  
Mary Turgeon, NCIDQ

# LETTER OF TRANSMITTAL

Ref: Avis Rent a Car System

To: Mike Nugent

City of Portland

389 Congress Street

Portland, Maine 04101

GA #: 041601

We are sending you:  Change Order  Copy of letter  Estimates  
 Layouts  Photography  Plans  Presentation  
 Prints  Samples  Shop Drawings  Specifications

| COPIES | DATE OR NO. | DESCRIPTION                                    |
|--------|-------------|--|
| 1      |             | Requested information to begin review process. |
| 2      |             | FOR REVIEW OF BID TENTATIVE                    |
|        |             |  |
|        |             |  |
|        |             |  |

Approved & noted  As requested  Construction approval  
 For approval  For bids due  For review & comment  
 For your use  Resubmit copies for  Return corrected prints  
 Returned after loaned to us  Returned for corrections

Remarks: Please call if you have any questions or need any other information. Thank you.

Frank H. [Signature]

12-13-01  
Date

CC Ron ROBSON - AVIS  
MARK E. GEUTHIER - HORNE CONSTR.  
FILE

**Becker Structural Engineers, Inc.**

**STATEMENT OF SPECIAL INSPECTIONS**

PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME  
LOCATION: Portland, Maine  
PERMIT APPLICANT: Gawron Architects  
APPLICANT'S ADDRESS: 29 Blackpoint Road, Scarborough, ME 04074

STRUCTURAL ENGINEER OF RECORD: Paul B. Becker, P.E. – Becker Structural Engineers, Inc.

ARCHITECT OF RECORD: Stan Gawron – Gawron Architects

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:

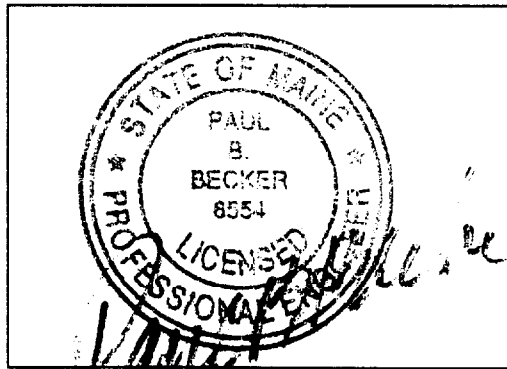
Paul B. Becker, P.E.

NAME

SIGNATURE

DATE

12/12/01



Preparer's P.E. Seal

Building Code Official:

SIGNATURE

DATE

Applicant's Authorization:

SIGNATURE

DATE

12/12/01

[Signature] 12/12/01

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**Becker Structural Engineers, Inc.**

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**LIST OF AGENTS**

PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME

STRUCTURAL ENGINEER OF RECORD: Paul B. Becker, P.E. - Becker Structural Engineers, Inc.  
Name Firm  
19 Commercial Street – Portland, ME 04101  
Address

ARCHITECT OF RECORD: Stan Gawron – Gawron Architects  
Name Firm  
29 Black Point Road, Scarborough, ME 04074  
Address

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

|                       | Name                        | Firm                                     | Abbreviation |
|-----------------------|-----------------------------|--|--------------|
| 1. Special Inspector  | <u>Paul B. Becker, P.E.</u> | <u>Becker Structural Engineers, Inc.</u> | <u>BSE</u>   |
| 2. Testing Laboratory | <u>Steve Randall</u>        | <u>John Turner Consulting</u>            | <u>JTC</u>   |
| 3. Testing Laboratory |                             |  |              |
| 4.                    |                             |  |              |
| 5.                    |                             |  |              |
| 6.                    |                             |  |              |
| 7.                    |                             |  |              |
| 8.                    |                             |  |              |
| 9.                    |                             |  |              |
| 10.                   |                             |  |              |

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**Becker Structural Engineers, Inc.**

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FINAL REPORT OF SPECIAL INSPECTIONS

PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME

LOCATION: Portland, Maine

PERMIT APPLICANT: Gawron Architects

APPLICANT'S ADDRESS: 29 Blackpoint Road, Scarborough, ME

STRUCTURAL ENGINEER OF RECORD: Paul B. Becker, P.E. - Becker Structural Engineers, Inc.

Name Firm

ARCHITECT OF RECORD: Stan Gawron - Gawron Architects

Name Firm

GENERAL CONTRACTOR: Mark E. Geuther - Horne 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:

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(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.

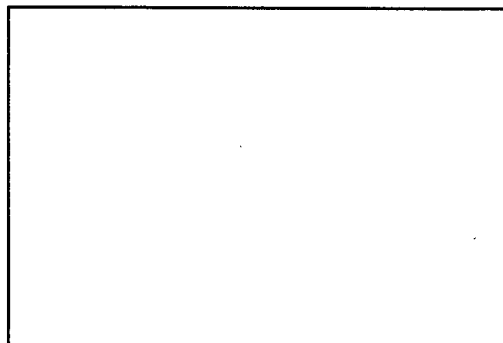
Submitted By:  
SPECIAL INSPECTOR

Paul B. Becker, P.E.

NAME

SIGNATURE

DATE



Special Inspector's P.E. Seal

# Summary of Services (Exhibit A)

| SCHEDULE OF SPECIAL INSPECTION SERVICES                          |      |                          |                            |                                   |                     |             |      |      |
|--|------|--------------------------|----------------------------|-----------------------------------|---------------------|-------------|------|------|
| PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME |      |                          |                            |                                   |                     | Page 1 of 9 |      |      |
| MATERIAL/ACTIVITY  | ITEM | SERVICE                  | APPLICABLE TO THIS PROJECT |                                   |                     |             |      |      |
|  |      |                          | Y/N                        | EXTENT (All, Sample, Other, None) | COMMENTS            | AGENT       | DATE | REV. |
| 1705.2 Inspection of Fabricators                                 | 1.00 |                          |                            |                                   |                     |             |      |      |
|  |      | Fabrication Procedures   | Y                          | As Required by following sections | See Wood, Steel     | BSE         |      |      |
|  |      | Procedure Implementation | Y                          | As Required by following sections | & concrete Sections | BSE         |      |      |
|  |      |                          |                            |                                   |                     |             |      |      |
|  |      |                          |                            |                                   |                     |             |      |      |
|  |      |                          |                            |                                   |                     |             |      |      |
|  |      |                          |                            |                                   |                     |             |      |      |

All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.12 Special Inspector \_\_\_\_\_ Date \_\_\_\_\_



**SCHEDULE OF SPECIAL INSPECTION SERVICES**

PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME

| MATERIAL/ACTIVITY                | ITEM                               | SERVICE  | APPLICABLE TO THIS PROJECT           |                                   |                    |       |      |      |  |
|----------------------------------|------------------------------------|--|--------------------------------------|-----------------------------------|--------------------|-------|------|------|--|
|                                  |                                    |  | Y/N                                  | EXTENT (All, Sample, Other, None) | COMMENTS           | AGENT | DATE | REV. |  |
| <b>1705.3 STEEL CONSTRUCTION</b> | <b>2.00</b>                        |  |                                      |                                   |                    |       |      |      |  |
| Steel Fabrication                |                                    | In-plant review  |                                      |                                   |                    |       |      |      |  |
|                                  |                                    | Part A - Fabrication procedures/QA                               |                                      |                                   |                    |       |      |      |  |
|                                  |                                    | 1. AISC Category 1   | Y                                    | Provide AISC Certification        |                    | BSE   |      |      |  |
|                                  |                                    | 2. AWS Quality Assurance   | Y                                    | Provide Welder Certification      |                    | BSE   |      |      |  |
|                                  |                                    | Part B - Procedures implementation                               |                                      |                                   |                    |       |      |      |  |
|                                  |                                    | Review conformance to Part A                                     |                                      |                                   |                    |       |      |      |  |
|                                  |                                    | Review material certificates                                     |                                      |                                   |                    |       |      |      |  |
|                                  |                                    | 1. Bolts, Nuts, Washers  | Y                                    | Sample                            | AISC ASD A3.4      | BSE   |      |      |  |
|                                  |                                    | 2. Structural Steel  | Y                                    | Sample                            | AISC A6 or A568    | BSE   |      |      |  |
|                                  |                                    | 3. Weld Filler Material  | Y                                    | Sample                            | AISC ASD A3.6      | BSE   |      |      |  |
|                                  |                                    | Review connections   |                                      |                                   |                    |       |      |      |  |
|                                  |                                    | 1. Shop Bolted   | N                                    |                                   |                    |       |      |      |  |
|                                  |                                    | 2. Shop Welded   | Y                                    | ALL                               | IN FIELD (VISUAL)  | JTC   |      |      |  |
|                                  |                                    | 3. Connection Design Calcs                                       | N                                    |                                   | Design By BSE      |       |      |      |  |
|                                  |                                    | 4. Shop Welder Certs   | Y                                    | ALL                               |                    | BSE   |      |      |  |
|                                  |                                    | Review welding of seismic-resisting system in Cat. "C" buildings | N                                    |                                   | AWS D1.1 SECTION 6 |       |      |      |  |
|                                  | Steel Erection                     |  | Review materials certs of compliance |                                   |                    |       |      |      |  |
|                                  |                                    |  | 1. Bolts, Nuts, Washers              | Y                                 | ALL                |       | BSE  |      |  |
|                                  |                                    |  | 2. Structural Steel                  | Y                                 | ALL                |       | BSE  |      |  |
|                                  |                                    |  | 3. Weld Filler Material              | Y                                 | ALL                |       | BSE  |      |  |
|                                  |                                    | Review primary steel connections                                 |                                      |                                   |                    |       |      |      |  |
|                                  |                                    | Moment connections   | Y                                    |                                   |                    | JTC   |      |      |  |
|                                  |                                    | Shear connections  |                                      |                                   |                    |       |      |      |  |
|                                  |                                    | 1. Field Bolted  | Y                                    | ALL                               |                    | JTC   |      |      |  |
|                                  |                                    | 2. Field Welded  | Y                                    | ALL                               |                    | JTC   |      |      |  |
|                                  |                                    | Bracing connections  |                                      |                                   |                    |       |      |      |  |
|                                  |                                    | Review welded Cat. "C" seismic connections                       | N                                    | Not Applicable                    |                    |       |      |      |  |
|                                  |                                    | Review welded column splices                                     | N                                    |                                   |                    |       |      |      |  |
|                                  |                                    | Review base metal testing for "t" > 1 1/2"                       | N                                    |                                   |                    |       |      |      |  |
|                                  |                                    | Review secondary steel connections                               | N                                    |                                   |                    |       |      |      |  |
|                                  |                                    | 1. Girts   | N                                    |                                   |                    |       |      |      |  |
|                                  |                                    | 2. Lintels   | N                                    |                                   |                    |       |      |      |  |
|                                  |                                    | 3. Steel Deck  | Y                                    | ALL                               |                    |       |      |      |  |
|                                  |                                    | Lintels/Relieving Angles   | N                                    |                                   |                    |       |      |      |  |
|                                  | Review installation of shear studs | N  |                                      |                                   |                    |       |      |      |  |
|                                  | Review Details/Steel Frame         | Y  | Sample                               |                                   | BSE                |       |      |      |  |

All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.3

Special Inspector \_\_\_\_\_

Date \_\_\_\_\_

**SCHEDULE OF SPECIAL INSPECTION SERVICES**

PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME

| MATERIAL/ACTIVITY                        | ITEM | SERVICE                                    | APPLICABLE TO THIS PROJECT |                                   |          |       |      |      |  |
|--|------|--|----------------------------|-----------------------------------|----------|-------|------|------|--|
|  |      |  | Y/N                        | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT | DATE | REV. |  |
| 1705.3 STEEL CONSTRUCTION<br>(Continued) | 2.00 |  |                            |                                   |          |       |      |      |  |
| Steel Joist & Joist Girder               |      | In-plant review                            |                            |                                   |          |       |      |      |  |
|  |      | Part A - Fabrication procedures            | N                          |                                   |          |       |      |      |  |
|  |      | Part B - Procedures implementation         |                            |                                   |          |       |      |      |  |
|  |      | Review conformance to Part A               | N                          |                                   |          |       |      |      |  |
|  |      | Review material certificates of compliance |                            |                                   |          |       |      |      |  |
|  |      | 1. Structural Steel                        | Y                          | ALL                               |          |       | BSE  |      |  |
|  |      | 2. Weld Material                           | Y                          | ALL                               |          |       | BSE  |      |  |
|  |      | Review connections                         | Y                          | ALL                               |          |       | BSE  |      |  |
| Steel Joist/Joist Girder Erection        |      | Review welder certification                | Y                          | ALL                               |          |       | BSE  |      |  |
|  |      | Review joist bearing connections           | Y                          | ALL                               |          |       | BSE  |      |  |
|  |      | Review joist bearing length                | Y                          | ALL                               |          |       | BSE  |      |  |
|  |      | Review joist bridging                      | Y                          | ALL                               |          |       | BSE  |      |  |

All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.3 Special Inspector \_\_\_\_\_ Date \_\_\_\_\_

**SCHEDULE OF SPECIAL INSPECTION SERVICES**

**PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME**

| MATERIAL/ACTIVITY            | ITEM                         | SERVICE   | APPLICABLE TO THIS PROJECT |   |   |       |      |      |  |
|------------------------------|------------------------------|---|----------------------------|---|---|-------|------|------|--|
|                              |                              |   | Y/N                        | EXTENT (All, Sample, Other, None)         | COMMENTS                                | AGENT | DATE | REV. |  |
| 1705.4 CONCRETE CONSTR.      | 3.00                         |   |                            |   |   |       |      |      |  |
| Concrete Materials           |                              | Review materials (ACI Chapter 3)  |                            |   |   |       |      |      |  |
|                              |                              | 1. Cement   | Y                          | ALL                                       | ASTM C150                               | BSE   |      |      |  |
|                              |                              | 2. Normal WT aggregates   | Y                          | ALL                                       | ASTM C33                                | BSE   |      |      |  |
|                              |                              | 3. Air Entraining admix   | Y                          | ALL                                       | ASTM C260                               | BSE   |      |      |  |
|                              |                              | 4. Normal range water reducing admix  | Y                          | ALL                                       | ASTM C494                               | BSE   |      |      |  |
|                              |                              | 5. Hi-Range water reducing admix  | Y                          | ALL                                       | ASTM C494                               | BSE   |      |      |  |
|                              |                              | 6. Accel Admix  | Y                          | ALL                                       | ASTM C494 Type A                        | BSE   |      |      |  |
|                              |                              | 7. Moisture Barrier   | Y                          | ALL                                       | 8 mil                                   | BSE   |      |      |  |
|                              |                              | 8. Curing Products  | Y                          | ALL                                       |   | BSE   |      |      |  |
|                              |                              | 9. Preformed expansion Joint  | Y                          | ALL                                       |   | BSE   |      |      |  |
|                              |                              | Review mix design   | Y                          | ALL                                       | ACI Chapter 4                           | BSE   |      |      |  |
|                              |                              | Review reinforcing certification & weld-ability if required                           | Y                          | ALL                                       | Certificate Only                        | BSE   |      |      |  |
| Placing Reinforcement        |                              | Review condition & placement of rein-<br>forcing and prestressing steel               | Y                          | Sample                                    | ACI 318 7.4-7.7                         | BSE   |      |      |  |
|                              |                              | Review welding of reinforcing in Cat "C"<br>seismic-resisting systems                 | N                          | Not Applicable                            |   |       |      |      |  |
| Formwork                     |                              | Review Embedded items, bolts, plates, etc.  | Y                          | Sample                                    |   | BSE   |      |      |  |
|                              |                              | Review form removal & reshoring   | N                          |   | ACI 318.6.2                             | BSE   |      |      |  |
| Concrete Operations          |                              | Field Sampling & Testing of Concrete  | Y                          | Every 50 yards or each separate placement | Sample Air, Temp, Slump ASTM C172, C231 |       |      |      |  |
|                              |                              | Review concrete strength tests  | Y                          |   | ACI 318 5.6                             | BSE   |      |      |  |
|                              |                              | Review mix proportions and technique  | Y                          |   | ACI 318 5.2, 5.3, 5.4, & 5.8            | JTC   |      |      |  |
|                              |                              | Review concrete placement   | Y                          |   | ACI 318 5.9 & 5.10                      | JTC   |      |      |  |
|                              |                              | Review curing technique & temperature   | Y                          |   | ACI 318 5.11, 5.12, & 5.13              | JTC   |      |      |  |
| Prestressing Operations      |                              | Review application of prestressing force  | N                          |   | ACI 318 18.18                           |       |      |      |  |
|                              |                              | Review grouting of bonded prestressing<br>tendons in Cat. C seismic-resisting systems | N                          |   |   |       |      |      |  |
| Precast Manufacturing        |                              | In-plant review   |                            |   |   |       |      |      |  |
|                              |                              | Part A - Fabrication procedures   | N                          |   |   |       |      |      |  |
|                              |                              | Part B - Procedures implementation  | N                          |   |   |       |      |      |  |
|                              | Review conformance to Part A | N   |                            |   |   |       |      |      |  |
| Erection of Precast Concrete |                              | Review erection of precast units  | N                          |   |   |       |      |      |  |
|                              |                              | Review key reinforcement  | N                          |   |   |       |      |      |  |
|                              |                              | Review key grouting   | N                          |   |   |       |      |      |  |
|                              |                              | Review concrete topping   | N                          |   |   |       |      |      |  |
|                              | Review connections           | N   |                            |   |   |       |      |      |  |

All Concrete Construction Special Inspections have been completed in accordance with BOCA Section 1705.4 Special Inspector \_\_\_\_\_ Date \_\_\_\_\_

**SCHEDULE OF SPECIAL INSPECTION SERVICES**

**PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME**

| MATERIAL/ACTIVITY     | ITEM | SERVICE   | APPLICABLE TO THIS PROJECT |                                   |                            |       |      |      |  |
|-----------------------|------|---|----------------------------|-----------------------------------|----------------------------|-------|------|------|--|
|                       |      |   | Y/N                        | EXTENT (All, Sample, Other, None) | COMMENTS                   | AGENT | DATE | REV. |  |
| 1705.5 MASONRY CONSTR | 4.00 |   |                            |                                   |                            |       |      |      |  |
| Materials             |      | Review materials certification  |                            |                                   |                            |       |      |      |  |
|                       |      | Masonry units   | Y                          | Sample                            |                            | BSE   |      |      |  |
|                       |      | Reinforcing steel   | Y                          | Sample                            |                            | BSE   |      |      |  |
|                       |      | Review grout materials & mix design   | Y                          | Sample                            |                            | BSE   |      |      |  |
|                       |      | Review mortar materials & mix design  | Y                          | Sample                            |                            | BSE   |      |      |  |
|                       |      | Review strength determination   |                            |                                   |                            |       |      |      |  |
|                       |      | Unit strength method  | Y                          | Sample                            |                            | BSE   |      |      |  |
|                       |      | Review unit strengths & grout, mortar mixes   | Y                          | Sample                            |                            | BSE   |      |      |  |
|                       |      | Prism strength method   |                            |                                   |                            |       |      |      |  |
|                       |      | Review pre-construction test results  | N                          |                                   |                            |       |      |      |  |
|                       |      | Field tests during construction   | N                          |                                   |                            |       |      |      |  |
|                       |      | Grout testing   |                            |                                   |                            |       |      |      |  |
|                       |      | Determine compressive strength  | Y                          | Field Samples                     |                            | JTC   |      |      |  |
|                       |      | Mortar testing  |                            |                                   |                            |       |      |      |  |
|                       |      | Field test compressive strength ASTM C780 (Req'd only if property reqs of ASTM C270 are used)                     | Y                          | ALL                               |                            | JTC   |      |      |  |
| General Masonry Work  |      | Review mortar mix proportions & mixing  | Y                          | Sample                            | ACI 530.1;2.3.2.5          | JTC   |      |      |  |
|                       |      | Review general installation of mortar   | Y                          | Sample                            | ACI 530.1;4.2.2            | BSE   |      |      |  |
|                       |      | Review general installation of mortar grout, masonry units.   | Y                          | Sample                            | ACI 530.1;2.3.3.3,4.3.3    | BSE   |      |      |  |
|                       |      | Review installation of horiz., vert., & joint reinforcing (Incl. Location, sizes, splices, & positioning devices) | Y                          | Sample                            | ACI 530, CH. 8             | BSE   |      |      |  |
|                       |      | Review hot/cold weather procedures  | Y                          | Sample                            | ACI 530; 1;2.3.2.2,2.3.2.3 | BSE   |      |      |  |
|                       |      | Review installation of anchorage devices  | Y                          | Sample                            | ACI 530; 4.2, 5.14         | BSE   |      |      |  |
|                       |      | Review installation of lintels  | Y                          | Sample                            |                            | BSE   |      |      |  |
|                       |      | Review welding of reinf., grouting, consolidation and reconsolidation for seismic Cat. "C" buildings              | N                          |                                   |                            |       |      |      |  |

All Masonry Construction Special Inspections have been completed in accordance with BOCA Section 1705.5 Special Inspector

Date

**SCHEDULE OF SPECIAL INSPECTION SERVICES**

**PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME**

| MATERIAL/ACTIVITY                                  | ITEM        | SERVICE                            | APPLICABLE TO THIS PROJECT |                                   |          |       |      |      |  |
|--|-------------|------------------------------------|----------------------------|-----------------------------------|----------|-------|------|------|--|
|  |             |                                    | Y/N                        | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT | DATE | REV. |  |
| <b>1705.6 WOOD CONSTRUCTION</b>                    | <b>5.00</b> |                                    |                            |                                   |          |       |      |      |  |
| Wood Truss Fabrication                             |             | In-plant review                    |                            |                                   |          |       |      |      |  |
|  |             | Part A - Fabrication procedures    | N                          |                                   |          |       |      |      |  |
|  |             | Part B - Procedures implementation | N                          |                                   |          |       |      |      |  |
|  |             | Review conformance to Part A       | N                          |                                   |          |       |      |      |  |
|  |             | Review member arrangment           | N                          |                                   |          |       |      |      |  |
|  |             | Check for TPI Stamp                | N                          |                                   |          |       |      |      |  |
| Wood Truss Materials                               |             | Review lumber                      |                            |                                   |          |       |      |      |  |
|  |             | Wood species                       | N                          |                                   |          |       |      |      |  |
|  |             | Grade stamps                       | N                          |                                   |          |       |      |      |  |
|  |             | Moisture content                   | N                          |                                   |          |       |      |      |  |
|  |             | Review connector plates            |                            |                                   |          |       |      |      |  |
|  |             | Size                               | N                          |                                   |          |       |      |      |  |
|  |             | Gage                               | N                          |                                   |          |       |      |      |  |
|  |             | Orientation                        | N                          |                                   |          |       |      |      |  |
|  |             | Location                           | N                          |                                   |          |       |      |      |  |
|  |             | Fit                                | N                          |                                   |          |       |      |      |  |
| Wood Truss Erection                                |             | Review storage at site             | N                          |                                   |          |       |      |      |  |
|  |             | Review permanent bracing           | N                          |                                   |          |       |      |      |  |
|  |             | Review field connections           | N                          |                                   |          |       |      |      |  |
| Glulam Fabrication                                 |             | In-plant review                    |                            |                                   |          |       |      |      |  |
|  |             | Part A - Fabrication procedures    | N                          |                                   |          |       |      |      |  |
|  |             | Part B - Procedures implementation | N                          |                                   |          |       |      |      |  |
|  |             | Review conformance to Part A       | N                          |                                   |          |       |      |      |  |
| Glulam Materials                                   |             | Review wood species and grade      | N                          |                                   |          |       |      |      |  |
| Glulam and Erection                                |             | Review connections                 |                            |                                   |          |       |      |      |  |
|  |             | Bolted connections                 | N                          |                                   |          |       |      |      |  |
|  |             | Connection fittings                | N                          |                                   |          |       |      |      |  |
| Lateral-Resisting System<br>(Seis. Perf. Cat. "C") |             | Review seismic connections         |                            |                                   |          |       |      |      |  |
|  |             | Nailed connections                 | N                          | Not Applicable                    |          |       |      |      |  |
|  |             | Bolted connections                 | N                          | Not Applicable                    |          |       |      |      |  |
|  |             | Structural glued connections       | N                          | Not Applicable                    |          |       |      |      |  |
|  |             | Other seismic fasteners            | N                          | Not Applicable                    |          |       |      |      |  |
| Wood Framing (Gravity System)                      |             | Review Field Fabrication           | N                          |                                   |          |       |      |      |  |
|  |             | Wall stud Framing                  | N                          |                                   |          |       |      |      |  |
|  |             | Header Framing                     | N                          |                                   |          |       |      |      |  |
|  |             |                                    |                            |                                   |          |       |      |      |  |

All Wood Construction Special Inspections have been completed in accordance with BOCA Section 1705.6 Special Inspector \_\_\_\_\_ Date \_\_\_\_\_

**SCHEDULE OF SPECIAL INSPECTION SERVICES**

**PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME**

| MATERIAL/ACTIVITY              | ITEM | SERVICE  | APPLICABLE TO THIS PROJECT |                                   |               |       |      |      |  |
|--------------------------------|------|--|----------------------------|-----------------------------------|---------------|-------|------|------|--|
|                                |      |  | Y/N                        | EXTENT (All, Sample, Other, None) | COMMENTS      | AGENT | DATE | REV. |  |
| 1705.7 PREPARED FILL           | 6.00 |  |                            |                                   |               |       |      |      |  |
| Site Preparation               |      | Review site preparation prior to prepared fill placement.    | Y                          |                                   | Building only | JTC   |      |      |  |
| During Fill Placement          |      | Review compliance to soils report<br>Material                | Y                          | Sample                            | Building only | JTC   |      |      |  |
|                                |      | Lift thickness   | Y                          | Sample                            | Building only | JTC   |      |      |  |
| Evaluation of in-Place Density |      | Review in-place dry density for compliance with soils report | Y                          | Sample                            | Building only | JTC   |      |      |  |
|                                |      |  |                            |                                   |               |       |      |      |  |

All Prepared Fill Special Inspections have been completed in accordance with BOCA Section 1705.7 Special Inspector \_\_\_\_\_ Date \_\_\_\_\_

**SCHEDULE OF SPECIAL INSPECTION SERVICES**

**PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME**

| MATERIAL/ACTIVITY          | ITEM | SERVICE                                   | APPLICABLE TO THIS PROJECT |                                   |          |       |      |      |  |
|----------------------------|------|---|----------------------------|-----------------------------------|----------|-------|------|------|--|
|                            |      |   | Y/N                        | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT | DATE | REV. |  |
| 1705.8 PILE FOUNDATIONS    | 7.00 |   |                            |                                   |          |       |      |      |  |
| Pile Fabrication           |      | In-plant review                           |                            |                                   |          |       |      |      |  |
|                            |      | Part A - Fabrication procedures           | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Part B - Procedures implementation        | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Review conformance to Part A              | N                          | Not Applicable                    |          |       |      |      |  |
| Pile Driving               |      | Review pile driving records               | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Review load test results                  | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Review pile driving equipment & procedure | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      |   |                            |                                   |          |       |      |      |  |
| Pile Materials             |      | Review accessories                        |                            |                                   |          |       |      |      |  |
|                            |      | Pile tip assembly                         | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Pile splice assembly                      | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Rock anchors                              | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Tendons                                   | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Review steel piles                        |                            |                                   |          |       |      |      |  |
|                            |      | Material identification markings          | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Inspection of corrosion protection        | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Review timber piles                       |                            |                                   |          |       |      |      |  |
|                            |      | Wood species                              | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Butt or tip diameter                      | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Grade stamps/markings/treatment           | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      | Review other pile systems                 | N                          | Not Applicable                    |          |       |      |      |  |
|                            |      |   |                            |                                   |          |       |      |      |  |
| Prestressed Concrete Piles |      | See "Precast Concrete"                    |                            |                                   |          |       |      |      |  |

**SCHEDULE OF SPECIAL INSPECTION SERVICES**

**PROJECT: Avis Vehicle Service Center, Jetport Blvd, Portland, ME**

| MATERIAL/ACTIVITY             | ITEM                      | SERVICE  | APPLICABLE TO THIS PROJECT |   |          |       |      |      |  |
|-------------------------------|---------------------------|--|----------------------------|---|----------|-------|------|------|--|
|                               |                           |  | Y/N                        | EXTENT (All, Sample, Other, None)               | COMMENTS | AGENT | DATE | REV. |  |
| 1705.12 SPECIAL CASES         | 8.00                      |  |                            |   |          |       |      |      |  |
| Fireproofing                  |                           | Fireproofing   | N                          | Not Applicable                                  |          |       |      |      |  |
|                               |                           | Review Product Data Sheets   | N                          |   |          |       |      |      |  |
|                               |                           | Review In-Place Density  | N                          |   |          |       |      |      |  |
|                               |                           | Review In-Place Thickness  | N                          |   |          |       |      |      |  |
|                               |                           | Review In-Place Bond   | N                          |   |          |       |      |      |  |
|                               |                           | Review scope of installation for conformance with design documents | N                          |   |          |       |      |      |  |
| Cold Formed Framing           |                           |  |                            |   |          |       |      |      |  |
| Cold Formed Truss Fabrication |                           | In-plant review  |                            |   |          |       |      |      |  |
|                               |                           | Part A - Fabrication procedures                                    | Y                          | Provide certification that fabricator maintains |          | BSE   |      |      |  |
|                               |                           | Part B - Procedures implementation                                 | Y                          | an agreement with approved independent          |          | BSE   |      |      |  |
|                               |                           | Review conformance to Part A                                       | Y                          | inspection or Q.C. agency as per 1705.2.        |          | BSE   |      |      |  |
|                               | Review member arrangement | N  |                            |   |          |       |      |      |  |
| Cold Formed Truss Materials   |                           | Review Cold Formed Material  |                            |   |          |       |      |      |  |
|                               |                           | Material Certification   | Y                          |   |          | BSE   |      |      |  |
|                               |                           | Galvanizing  | Y                          |   |          | BSE   |      |      |  |
|                               |                           | Review connector plates  |                            |   |          |       |      |      |  |
|                               |                           | Size   | N                          |   |          |       |      |      |  |
|                               |                           | Gage   | N                          |   |          |       |      |      |  |
|                               |                           | Orientation  | Y                          | Sample  |          | BSE   |      |      |  |
|                               |                           | Location   | Y                          | Sample  |          | BSE   |      |      |  |
|                               | Fit                       | Y  | Sample                     |   | BSE      |       |      |      |  |
| Cold Formed Erection          |                           | Review storage at site   | N                          |   |          |       |      |      |  |
|                               |                           | Review permanent bracing   | Y                          |   |          | BSE   |      |      |  |
|                               |                           | Review field connections   | N                          |   |          |       |      |      |  |
|                               |                           |  |                            |   |          |       |      |      |  |

All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.12 Special Inspector \_\_\_\_\_ Date \_\_\_\_\_



**CITY OF PORTLAND, MAINE  
DEVELOPMENT REVIEW APPLICATION  
PLANNING DEPARTMENT PROCESSING FORM  
Zoning Copy**

2001-0130  
Application I. D. Number  
05/29/2001  
Application Date  
Avis Rent-a-Car.  
Project Name/Description

**Sebago Technics**  
Applicant  
12 Westbrook Common, Westbrook, ME 04098-1339  
Applicant's Mailing Address  
Stephen Dow  
Consultant/Agent  
Applicant Ph: (207) 856-0277 Agent Fax:  
Applicant or Agent Daytime Telephone, Fax

Jetport Blvd., Portland, Maine  
Address of Proposed Site  
210A B004001  
Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply):  New Building  Building Addition  Change Of Use  Residential  Office  Retail  
 Manufacturing  Warehouse/Distribution  Parking Lot  Other (specify) AVIS Rent-A-Car

4816 5.1  
Proposed Building square Feet or # of Units Acreage of Site Zoning

**Check Review Required:**

- Site Plan (major/minor)  Subdivision # of lots  PAD Review  14-403 Streets Review
- Flood Hazard  Shoreland  Historic Preservation  DEP Local Certification
- Zoning Conditional Use (ZB/PB)  Zoning Variance  Other

Fees Paid: Site Plan \_\_\_\_\_ Subdivision \_\_\_\_\_ Engineer Review \$4,113.86 Date: 10/26/2001

**Zoning Approval Status:**

Approved  Approved w/Conditions See Attached  Denied  
Approval Date 11/01/2001 Approval Expiration 11/01/2002 Extension to \_\_\_\_\_  Additional Sheets Attached  
 Condition Compliance Marge Schmuckal 11/01/2001  
signature date

Performance Guarantee  Required\*  Not Required

\* No building permit may be issued until a performance guarantee has been submitted as indicated below

|   |                |  |                 |
|---|----------------|--|-----------------|
| <input type="checkbox"/> Performance Guarantee Accepted     | _____          | _____  | _____           |
|   | date           | amount   | expiration date |
| <input type="checkbox"/> Inspection Fee Paid                | _____          | _____  |                 |
|   | date           | amount   |                 |
| <input type="checkbox"/> Building Permit Issued             | _____          |  |                 |
|   | date           |  |                 |
| <input type="checkbox"/> Performance Guarantee Reduced      | _____          | _____  | _____           |
|   | date           | remaining balance                                  | signature       |
| <input type="checkbox"/> Temporary Certificate of Occupancy | _____          | <input type="checkbox"/> Conditions (See Attached) | _____           |
|   | date           |  | expiration date |
| <input type="checkbox"/> Final Inspection                   | _____          | _____  |                 |
|   | date           | signature  |                 |
| <input type="checkbox"/> Certificate Of Occupancy           | _____          |  |                 |
|   | date           |  |                 |
| <input type="checkbox"/> Performance Guarantee Released     | _____          | _____  |                 |
|   | date           | signature  |                 |
| <input type="checkbox"/> Defect Guarantee Submitted         | _____          | _____  | _____           |
|   | submitted date | amount   | expiration date |

Application ID Number: 1-1296

Delete Save Close

Department: Zoning

Status: Approved with Conditions

Reviewer: Marge Schmuckal

Comments: Jetport Blvd.

Approval Date: 11/01/2001

Given On Date: 10/26/2001

OK to Issue Permit Name: Marge Schmuckal Date: 11/01/2001 Date 2:

Conditions Section:

Add New Condition From

Add New Condition

Delete Condition

This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

Separate permits shall be required for any new signage.

Create Date: 10/23/2001 By: jodinea

Update Date: 11/01/2001 By: mes

Application ID Number: 1-1296

Delete Save Close

Department: Fire

Status: Pending

Reviewer: Lt. McDougall

Comments:

Approval Date: 10/24/2001

Given On Date: 10/23/2001

OK to Issue Permit Name: Lt. McDougall Date: Date 2:

Conditions Section: Add New Condition From Add New Condition Delete Condition

The sprinkler system shall be installed in accordance with NFPA 13.

A sprinkler system certification test shall be submitted to the Portland Fire Department

The fire alarm system shall be installed in accordance with NFPA 72  
A fire alarm test in accordance with NFPA 72 shall be submitted to the Portland Fire Department

Create Date: 10/23/2001 By: jodinea Update Date: 10/24/2001 By: dgc

Applicant: AVIS Rent-a-Car

Date: 11/1/01

Address: ~~960 Westbrook St~~  
JetPort BLVD

C-B-L: ~~200-A-001~~  
210A-B-60A

CHECK-LIST AGAINST ZONING ORDINANCE

Date - New

Zone Location - AB

Interior or corner lot -

Proposed Use/Work - Rental Car Storage with fuel Island - 2 bays  
Carwash - maintenance with office

Sevage Disposal - City

Lot Street Frontage - 50' min - 600' + shown  
Does not front on Westbrook St

Front Yard - None req. - 105' shown

Rear Yard - 50' min req - 75' shown  
Abuts Residential Zone in Rear

Side Yard - not less than 5' - 104' shown  
Doesn't abut a Res. zone use on side

Projections -

Width of Lot - 50' - 600' + shown

Height - 75' MAX  $\approx$  24' shown  
over 100' from Westbrook St

Lot Area - 20,000<sup>sq</sup> min, 218,163<sup>sq</sup> shown

Lot Coverage/Impervious Surface - 70% MAX or 152,714<sup>sq</sup> MAX

Area per Family - N/A  
 $535 \times 240 = 128,400$  (high end)  
 $160 \times 60 = 9,600$   
 $\frac{9,600}{128,400} \approx 138,000$  shown

Off-street Parking - N/A as all parking Storage minus the structure

Loading Bays - N/A

Site Plan - major site plan  
# 2001-0130

Shoreland Zoning/ Stream Protection - N/A

Flood Plains - Panel 12 - Zone X

**CITY OF PORTLAND, MAINE  
DEVELOPMENT REVIEW APPLICATION  
PLANNING DEPARTMENT PROCESSING FORM  
ADDENDUM**

2001-0130

Application I. D. Number

05/29/2001

Application Date

Avis Rent-a-Car.

Project Name/Description

**Sebago Technics**

Applicant

12 Westbrook Common, Westbrook, ME 04098-1339

Applicant's Mailing Address

Stephen Dow

Consultant/Agent

Applicant Ph: (207) 856-0277      Agent Fax:

Applicant or Agent Daytime Telephone, Fax

Jetport Blvd., Portland, Maine

Address of Proposed Site

210A B004001

Assessor's Reference: Chart-Block-Lot

**Approval Conditions of Planning**

- 1 1. That a revised lighting plan shall be submitted for staff review and approval shifting the six(6) northerly light poles to a location within the parking lot.
- 2 2. That a sewer capacity letter from Public Works shall be submitted confirming capacity to serve this project.

**Approval Conditions of Zoning**

- 1 This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
- 2 Separate permits shall be required for any new signage.



*State of Maine*  
 Department of Public Safety  
**Construction Permit**



Reviewed  
 for Barrier  
 Free

# 11895

Sprinkled  
 Sprinkler Supervised

**AVIS RENT A CAR SYSTEMS INC.- VEHICLE SERVICE GEN.**

Located at: JETPORT BOULEVARD  
**PORTLAND**  
 Occupancy/Use: BUSINESS/OTHER

**Permission is hereby given to:**

AVIS RENT A CARE SYSTEM INC.

900 OLD COUNTRY ROAD  
 GARDEN CITY, NY 11330

to construct or alter the afore referenced building according to the plans hitherto filed with the Commisioner and now approved.  
 no departure from application form/plans shall be madewithout prior approval in writing. This permit is issued under the provision  
 of Title 25, Chapter 317, Section 2448 and the provisions of Title 5, Section 4594 - F.  
 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/available at the site of construction.

*This permit will expire at midnight on the 5th of March 2002*

Dated the 6th day of September A.D. 2001

Commissioner

Fee: \$200.00  
 \$200.00

**Copy-3 Code Enforcement Officer**

Comments:

Code Enforcement Officer  
 PORTLAND, ME

City Of Portland  
389 Congress St.  
Portland, ME 04101  
Phone: (207) 874-8700  
Fax: (207)874-8716

# facsimile transmittal

To: Gawron Architects From: Mike Nugent  
Fax: 883-0361 Date: October 26, 2001  
Phone: 883-6307 Pages: 8  
Re: 968 Westbrook St. / AVIS CC:

Urgent  For Review  Please Comment  Please Reply  Please Recycle

**Notes:** Attached are certifications for the above project. Please forward them to your design professional and return them to this office. Also included is Section 1705 of the Building Code. These special inspections will be required throughout this project. Please review this with your design professional and prepare a statement that complies with Section 1705.1.1. Please call me if you have any questions.

11/8/01 - PLEASE BE ADVISED I CANNOT BEGIN THE REVIEW PROCESS WITHOUT THE ABOVE ITEMS & HAVE NOT RECEIVED THEM TO DATE.

11/19/01 - I STILL CANNOT REVIEW THIS UNTIL I HAVE THESE & A REPORT OF SPECIAL INSPECTIONS.

*Amja*  
*Amja*

# Memorandum

11/28/01 11:28 AM 11/28/01 11:28 AM 11/28/01 11:28 AM 11/28/01 11:28 AM 11/28/01 11:28 AM

**To:** Frank St.Pierre / Gawron Architects  
**CC:** Horne Construction  
**From:** Mike Nugent/Manager of Inspection Services  
**Date:** 11/28/01  
**Re:** Avis Rent A Car 968 Westbrook St. (208 A001)

---

This office has commenced the review of the above project and needs the following information:

- 1) With non-rated exterior structural walls is this 2B or 2 C construction
- 2) The use group of the structure pursuant to the 1999 BOCA Code.
- 3) The BTU rating of the Furnace in the Mezzanine
- 4) Waste and Motor oil storage tank details
- 5) DEP permits for Gas Tank Installation
- 6) State Fire Marshall permits for same
- 7) Statement of Special Inspection (sample Provided)





GAWRON ARCHITECTS

29 Black Point Road, Scarborough, Maine 04076-9358

Master Planning  
Architecture  
Interior Design  
Landscape Architecture

Star Gawron, Architect  
Mary Turgeon, NCIDQ

# FAX COVERSHEET

To: RONALD ROBSON A.I.A.

~~To:~~ ~~From:~~ MEL McCORRISON A.I.A. - GAWRON ARCHITECTS

Fax: FAX 973 496 3441 207-883-0361

Date: OCT 17, 2001 FAX ~~786 339 0716~~ OCT 18, 2001

GA #: 041601.00 AVIS

You should receive 4 page(s) including this coversheet

As requested  Please call upon receipt  
 For your approval

Subject:

City of Portland, Maine  
Inspector of Buildings  
389 Congress St.  
Room 315.  
Portland ME 04101

60 207-874-8704  
Fax 207-874-8716

cc: File

# GAWRON ARCHITECTS

Architecture

Interior Design

Landscape Architecture

## L E T T E R   O F   T R A N S M I T T A L

Ref: AVIS RENT A CAR SYSTEMS, To: CODES ENFORCEMENT  
JETPORT BULD. CITY OF PORTLAND, MAINE  
PORTLAND, MAINE.

- We are sending you:
- |   |  |   |  |                                       |
|---|--|---|--|---------------------------------------|
| <input type="checkbox"/> Prints           | <input type="checkbox"/> Estimates     | <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Photography               | <input type="checkbox"/> Presentation |
| <input checked="" type="checkbox"/> Plans | <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Samples        | <input checked="" type="checkbox"/> Specifications | <input type="checkbox"/> Layouts      |
|   |  | <input type="checkbox"/> Change Order   |  |                                       |

| COPIES | DATE OR NO. | DESCRIPTION                           |
|--------|-------------|---------------------------------------|
| 2 EA   |             | CONSTRUCTION PLANS & SPEC.<br>30"x42" |
| 1      |             | CONSTRUCTION PLANS 11x17              |
|        |             |                                       |
|        |             |                                       |
|        |             |                                       |
|        |             |                                       |

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> For your use            | <input type="checkbox"/> Approved & noted            | <input type="checkbox"/> Return _____ corrected prints _____ |
| <input checked="" type="checkbox"/> For approval | <input type="checkbox"/> Construction approval       | <input type="checkbox"/> Submit _____ copies for _____       |
| <input type="checkbox"/> As requested            | <input type="checkbox"/> Returned for corrections    | <input type="checkbox"/> Resubmit _____ copies for _____     |
| <input type="checkbox"/> For review & comment    | <input type="checkbox"/> Returned after loaned to us | <input type="checkbox"/> For bids due _____                  |
| <input type="checkbox"/>                         |  |  |

Remarks: THE ABOVE DOCUMENTS ARE SUBMITTED TO  
ACCOMPANY BUILDING PERMIT APPLICATION FROM AVIS

Signed: Mike McCammon - GAWRON ARCHITECTS Date: OCT 18, 2001

# GAWRON ARCHITECTS

Architecture

Interior Design

Landscape Architecture

## L E T T E R   O F   T R A N S M I T T A L

Ref: AVIS RENT A CAR SYSTEM  
JETPORT BULD,  
PORTLAND, MAINE

To: MIKE NUGENT  
CODES OFFICER  
CITY OF PORTLAND  
309 CONGRESS STREET  
PORTLAND, MAINE 04101

- We are sending you:
- Prints
  - Estimates
  - Plans
  - Shop Drawings
  - Copy of letter
  - Samples
  - Change Order

- Photography
- Presentation
- Specifications
- Layouts

TEL 207-874-8700

COPIES      DATE OR NO.      DESCRIPTION

|   |  |   |
|---|--|---|
| 1 |  | CHECK FROM AVIS TO CITY OF PORTLAND \$5424. <sup>00</sup>     |
| 1 |  | COPY OF BUILDING PERMIT APPLICATION FROM DONALD ROBSON - AVIS |
|   |  |   |
|   |  |   |
|   |  |   |
|   |  |   |
|   |  |   |

- For your use
- For approval
- As requested
- For review & comment
- 
- Approved & noted
- Construction approval
- Returned for corrections
- Returned after loaned to us
- Return \_\_\_\_\_ corrected prints \_\_\_\_\_
- Submit \_\_\_\_\_ copies for \_\_\_\_\_
- Resubmit \_\_\_\_\_ copies for \_\_\_\_\_
- For bids due \_\_\_\_\_

Remarks: ENCLOSED IS CHECK FOR BUILDING PERMIT APPLICATION FOR AVIS RENT A CAR. JETPORT BULD CITY OF PORTLAND MAINE. OWNER IS VERY ANXIOUS TO START SITE PORTION OF THIS PROJECT IN ORDER FOR PORTLAND JETPORT TO START NEW PARKING GARAGE. CALL MEL MCCORRISON @ 8836307 IF WE CAN ANSWER ANY QUESTIONS OR SUBMIT ADD'L INFO.

Signed: Mel McCarrison - GAWRON ARCHITECTS      Date: OCT 22, 2001



GAWRON  
ARCHITECTS

29 Black Point Road, Scarborough, Maine 04074-9358

Master Planning  
Architecture  
Interior Design  
Landscape Architecture

PRINCIPALS  
Stan Gawron, Architect  
Mary Turgeon, NCIDQ

November 29, 2001

Inspector of Buildings  
City of Portland Maine  
389 Congress St.  
Portland, ME 04101

Attention: Mike Nugent--Manager of Inspection Services


Re: Project--Avis Vehicle Service Facility  
Located at 25 Jetport Boulevard

Dear Mike,

The following information requested per your Memorandum issued to our office, dated November 27, 2001, is answered in numerical order per the Memo.

- 1.The construction is 2B.
- 2.The user group is S1 pursuant to the 1999 BOCA Code.
- 3.The BTU rating of the boiler in the Mezzanine = 1063 MBH in an area of 496 sq. ft.
- 4.The waste and motor storage tanks detail sheets are in Appendix "B" of specs. If required a copy of the shop drawings will be issued to your Dept.
- 5.DEP permits for Gas Tank storage. A copy of the permit will be issued to your office prior to their installation.
- 6.State Fire Marshall's Construction Permit Attached.
- 7.Paul Becker, the structural engineer, is putting the Statement of Special Inspection paper work together for you. I understand Mr. Becker has spoken with you and it will be issued shortly.

RESPECTFULLY

  
FRANK ST. PIERRE  
PROJECT MANAGER

Cc Stan Gawron--GA  
Ron Robson--Avis  
Steve Groves--Sebago Tech.  
Will Bennet--WBE



**State of Maine**  
**Department of Public Safety**  
**Construction Permit**



Reviewed  
 for Barrier  
 Free

# 11895

Sprinkled  
 Sprinkler Supervised

**AVIS RENT A CAR SYSTEMS INC.- VEHICLE SERVICE CEN.**

Located at: JETPORT BOULEVARD

**PORTLAND**

Occupancy/Use: BUSINESS/OTHER

**Permission is hereby given to:**

AVIS RENT A CARE SYSTEM INC.

900 OLD COUNTRY ROAD  
 GARDEN CITY, NY 11330

to construct or alter the afore referenced building according to the plans hitherto filed with the Commisioner and now approved.  
 no departure from application form/plans shall be madewithout prior approval in writing. This permit is issued under the provision  
 of Title 25, Chapter 317, Section 2448 and the provisions of Title 5, Section 4594 - F.

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/available at the site of construction.

*This permit will expire at midnight on the 5th of March 2002*

Dated the 6th day of September A.D. 2001

Commissioner

Fee: \$200.00  
 \$200.00

**Copy-2 Architect**

Comments:

GAWRON ARCHITECTS  
 C/O STAN GAWRON  
 29 BLACK POINT ROAD  
 SCARBOROUGH, ME 04074

RECEIVED SEP 11 2001



**GAWRON  
ARCHITECTS**

29 Black Point Road, Scarborough, Maine 04074-9358

Master Planning  
Architecture  
Interior Design  
Landscape Architecture

PRINCIPALS  
Stan Gawron, Architect  
Mary Turgeon, NCIDQ

Sarah Hopkins  
City of Portland  
Department of Planning and Urban Development  
389 Congress St.  
Portland, ME 04101

Dear Ms. Hopkins,

On behalf of Avis Rent A Car Systems Inc., Gawron Architects is submitting the attached conceptual plan and building elevation for a new service facility at The Portland International Jetport. Please place us in the June 12<sup>th</sup> workshop for your review.

Avis Rent A Car Systems Inc. is proposing this new facility as they are being displaced by the construction of the new parking garage at The Portland International Jetport. An initial meeting has been held with The Stroudwater neighbors, and another meeting is scheduled for June 10, 2001.

Thank you for your consideration

Sincerely,

Stan Gawron, Principal

Cc: Ron Robson  
Owen McCullough, P.E.



GAWRON ARCHITECTS

29 Black Point Road, Scarborough, Maine 04074-9358

Master Planning  
Architecture  
Interior Design  
Landscape Architecture

PRINCIPALS  
Stan Gawron, Architect  
Mary Turgeon, NCIDQ

November 29, 2001

Inspector of Buildings  
City of Portland Maine  
389 Congress St.  
Portland, ME 04101

Attention: Mike Nugent--Manager of Inspection Services

Re: Project--Avis Vehicle Service Facility  
Located at 25 Jetport Boulevard

Dear Mike,

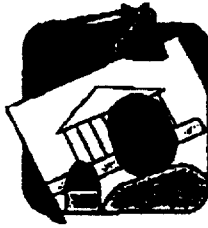
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RESPECTFULLY

FRANK ST. PIERRE  
PROJECT MANAGER

Cc Stan Gawron--GA  
Ron Robson--Avis  
Steve Groves--Sebago Tech.  
Will Bennet--WBE



**CITY OF PORTLAND MAINE**

389 Congress St., Rm 315

Portland, ME 04101

Tel. - 207-874-8704

Fax - 207-874-8716

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

FROM DESIGNER: GAWRON ARCHITECTS  
BECKER ENGINEERING

DATE: OCT 30, 2001

Job Name: AVIS

Address of Construction: JETPORT BLVD PORTLAND, MAINE

**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 BOCA Use Group Classification(s) S1

Type of Construction II B Bldg. Height 32' Bldg. Sq. Footage 4024 S.F.

Seismic Zone AVERAGE = 0.11 Group Class SEISMIC HAZARD EXP. GROUP I

Roof Snow Load Per Sq. Ft. 50 #/S.F. Dead Load Per Sq. Ft. 24 #/S.F.

Basic Wind Speed (mph) 85 MPH Effective Velocity Pressure Per Sq. Ft. 18.5 #/S.F.

Floor Live Load Per Sq. Ft. 80 PSF @ OFFICES, 125 PSF OTHER AREAS

Structure has full sprinkler system? Yes  No  Alarm System? Yes  No   
Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department.

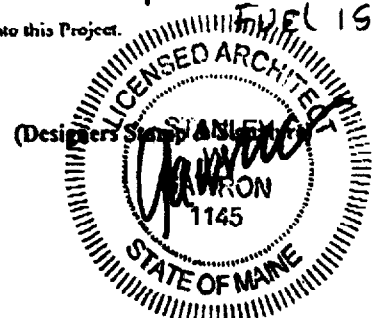
Is structure being considered unlimited area building: Yes  No

If mixed use, what subsection of 313 is being considered AUTO REPAIR, OFFICE CARWASH.

List Occupant loading for each room or space, designed into this Project.

REPAIR - 2 PERSONS  
OFFICE 4 PERSONS  
CAR WASH 2 PERSONS  
FUEL ISLAND 4 PERSONS

PSH 6/07/2K







**CITY OF PORTLAND  
BUILDING CODE CERTIFICATE**  
389 Congress St., Rm 315  
Portland, ME 04101

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

**FROM:** \_\_\_\_\_

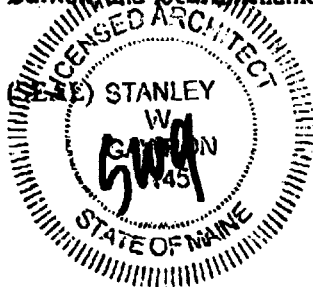
**RE:** Certificate of Design

**DATE:** October 31, 2001

These plans and/or specifications covering construction work on:

Avis Rent a Car System Building on Jetport Boulevard  
Portland, Maine

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.



Signature Stanley W. Gauron  
Title ARCHITECT  
Firm Gauron architects  
Address 29 MILK HUNT RD  
SCARBOROUGH, ME

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.

PSH 6/20/01



# City of Portland, Maine

387 Congress St., Rm 315  
Portland, ME 04101

## ACCESSIBILITY CERTIFICATE

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

FROM: GAWRON ARCHITECTS

RE: Certificate of Design, HANDICAP ACCESSIBILITY

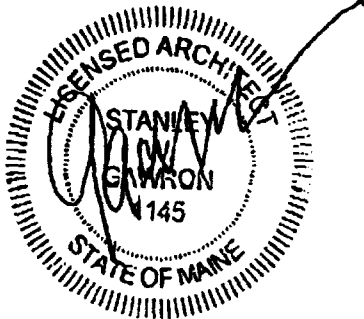
DATE: 11/20/01

These plans and/or specifications covering construction work on:

AVIS RENT A CAR SYSTEM BUILDING  
ON JETPORT BOULEVARD, PORTLAND ME

Have been designed and drawn up by the undersigned, a Maine registered engineer/architect according to State Regulations as adopted by the State of Maine on Handicapped Accessibility.

(SEAL.)



Signature Stanley Gawron

Title PRESIDENT

Firm Gawron Architects

Address 29 Black Point Rd.  
Scarborough, Me.

**ADDENDA #4  
AVIS RENT A CAR  
JETPORT BOULEVARD, PORTLAND, MAINE  
DATE: 10/12/01**

1. Section No. 1B-1: Invitation and Instructions to Bidders, paragraph No. 7 Notice to Bidders, subparagraph 7.1. Add the following sentences after "All ledge removal shall be included in bid price". Additional sentences to read, "The contractor is responsible for removal of all ledge encountered in project construction as a lump sum within the bid price. The contractor was made aware at the mandatory pre-bid meeting on October 2, 2001 at the project site, that they were required to perform additional test pitting as necessary to supplement the provided geotechnical information for determining ledge quantities as part of the lump sum bid. No additional costs will be considered."



Master Planning  
Architecture  
Interior Design  
Landscape Architecture

PRINCIPALS  
Stan Gawron, Architect  
Mary Turgeon, NCIDQ

# FAX COVERSHEET

To: MIKE NUGENT - CODES OFFICER - CITY OF PORTLAND

From: MEL MCCORRISON - GAWRON ARCHITECTS

Fax: 874-8716 TEL 874-8700

Date: OCT 31, 2001

GA #: AVIS JETPORT BULD PORTLAND ME 041601.00

You should receive \_\_\_\_\_ page(s) including this coversheet

As requested \_\_\_\_\_ Please call upon receipt

For your approval \_\_\_\_\_

Subject: AVIS RENT A CAR SYSTEMS

ENCLOSED:

- ① ARCHITECTS CERTIFICATION
  - ② ENGINEERS CERTIFICATION - PAUL BECKER
  - ③ CODE DATA 1999 BOCA
  - ④ 1705.1.1 1999 BOCA - BLDG. PERMIT REQUIREMENTS
- "GAWRON ARCHITECTS WILL INSPECT THE CONSTRUCTION OF THIS FACILITY IN ACCORDANCE WITH 1705.1.1 OF 1999 BOCA". STANLEY GAWRON AND FRANK ST. PIERRE - ARCHITECTS WILL BE INSPECTING THIS FACILITY.

cc:

File



NOTES: N.R. — Not required  
N.A. — Not applicable

*AVIS 11/28/01*  
**ADMINISTRATION (Chapter 1)**

✓ Complete construction documents  
(107.5, 107.6, 107.7)

✓ Signed/sealed construction documents  
(107.7, 114.1)

**BUILDING PLANNING (Chapters 3, 4, 5, 6)**

**USE OR OCCUPANCY CLASSIFICATION (302.0-313.0)**

✓ 51 Single Use Group \_\_\_\_\_ Specific occupancy areas (302.1.1)  
\_\_\_\_\_ Mixed Use Groups \_\_\_\_\_ Accessory areas (302.1.2)

**GENERAL BUILDING LIMITATIONS (Chapters 5 & 6)**

Apply Case 1 to determine the allowable height and area and permitted types of construction for a building containing a single use group or nonseparated mixed use groups. Apply Case 2 to determine the allowable height and area and permitted types of construction for a building containing separated mixed use groups.

**AREA MODIFICATIONS TO TABLE 503**

|   |  |
|---|--|
| % of Allowable tabular area (Table 503)     | <u>100%</u>                                |
| % Reduction for height (Table 506.4)        | <u>- 0%</u>                                |
| % Increase for open perimeter (506.2)       | <u>+ 0%</u>                                |
| % Increase for automatic sprinklers (506.3) | <u>+ 0%</u>                                |
| Total percentage factor                     | <u>= 100%</u>                              |
| Conversion factor                           | <u>1</u><br>(Total percentage factor/100%) |

|                                |                     |   |             |              |             |
|--------------------------------|---------------------|---|-------------|--------------|-------------|
| Open perimeter (506.2)         | <u>W/A</u>          | <u>North</u>  | <u>East</u> | <u>South</u> | <u>West</u> |
| Open perim. _____ ft.          | Perimeter _____ ft. |   |             |              |             |
| % Open perimeter =             |                     | $\frac{\text{Open perim.}}{\text{perim.}} \times 100\%$ |             |              |             |
| % Tab. area increase = (506.2) |                     | $2 \times (\% \text{ Open perim.} - 25\%)$              |             |              |             |

**CASE 1 — SINGLE USE OR NONSEPARATED MIXED USE GROUPS (313.1.1, 503.0)**

Using Table 503, identify the allowable height and area of the single use group or the most restrictive of the nonseparated mixed use groups. Construction types that provide an allowable tabular area equal to or greater than the adjusted floor area and allowable heights (as modified by Section 504.0) equal to or greater than the actual building height are permitted.

|  |   |
|--|---|
| Actual floor area <u><del>20,500</del> 13,125</u> ft. <sup>2</sup> | Actual building height <u><del>50</del> 40</u> feet <u>40</u> stories |
| Adjusted floor area* <u>SAME</u> ft. <sup>2</sup>                  | Allowable building height <u>SAME</u> feet _____ stories              |

\*Adjusted floor area = actual floor area/conversion factor

Permitted types of construction ALL EXCEPT 5B Type of construction assumed for review (602.3) 2B

CASE 2 — MIXED USE SEPARATED USE GROUPS

Using Table 503, identify the allowable height and area of each of the separated use groups within the building. Construction types that provide, for each story of the building, tabular areas which result in a sum of the ratios of 1.00 or less and allowable heights (as modified by Section 504.0) equal to or greater than the actual height of the use group are permitted.

| Story | Use Group | Actual floor area | Adjusted floor area* | Actual height | Allowable height (Table 503) |
|-------|-----------|-------------------|----------------------|---------------|------------------------------|
| N/A   | A         | ft <sup>2</sup>   | ft <sup>2</sup>      | ft stories    | ft stories                   |
|       |           | ft <sup>2</sup>   | ft <sup>2</sup>      | ft stories    | ft stories                   |
|       |           | ft <sup>2</sup>   | ft <sup>2</sup>      | ft stories    | ft stories                   |
|       |           | ft <sup>2</sup>   | ft <sup>2</sup>      | ft stories    | ft stories                   |
|       |           | ft <sup>2</sup>   | ft <sup>2</sup>      | ft stories    | ft stories                   |
|       |           | ft <sup>2</sup>   | ft <sup>2</sup>      | ft stories    | ft stories                   |
|       |           | ft <sup>2</sup>   | ft <sup>2</sup>      | ft stories    | ft stories                   |
|       |           | ft <sup>2</sup>   | ft <sup>2</sup>      | ft stories    | ft stories                   |

\*Adjusted floor area = actual floor area/conversion factor

$$\sum \frac{\text{Adjusted floor area}^*}{\text{Allowable area (Table 503)}} = \text{---} + \text{---} + \text{---} + \text{---} = \text{---} \leq 1.00$$

Permitted types of construction \_\_\_\_\_ Type of construction assumed for review (602.3) 2B

UNLIMITED AREA ONE-STORY BUILDINGS

|            |  |       |                                  |
|------------|--|-------|----------------------------------|
| <u>N/A</u> | Use group classification (507.1)           | _____ | School buildings (507.1.1)       |
| _____      | Building height (story, feet) (507.1)      | _____ | High-hazard use groups (507.1.2) |
| _____      | Type of construction (507.1)               | _____ | Exterior walls (507.2)           |
| _____      | Automatic sprinkler system (507.1, 904.11) | _____ |                                  |

MEZZANINES

CLOSED/LOAD LESS THAN 70  
Openness (505.4)

BTU'S OF BOILER?

SPECIAL USE AND OCCUPANCY (Chapter 4)

COVERED MALL BUILDINGS

|            |                                     |
|------------|-------------------------------------|
| <u>N/A</u> | Tenant separations (402.4)          |
| _____      | Egress (402.5)                      |
| _____      | Mall width (402.6)                  |
| _____      | Structural elements (402.7)         |
| _____      | Roof coverings (402.8)              |
| _____      | A-1, A-2 occupancy (402.9)          |
| _____      | Automatic sprinkler system (402.10) |
| _____      | Standpipes (402.11)                 |
| _____      | Fire department access (402.12)     |
| _____      | Kiosk requirements (402.14)         |

\_\_\_\_\_ Parking structures (402.15)

HIGH-RISE BUILDINGS

|            |   |
|------------|---|
| <u>N/A</u> | Automatic sprinkler system (403.2)          |
| _____      | Alternative sprinkler modifications (403.3) |
| _____      | Automatic fire detection (403.4)            |
| _____      | Voice/alarm signaling systems (403.5)       |
| _____      | Fire department communication (403.6)       |
| _____      | Fire command station (403.7)                |
| _____      | Elevators (403.8)                           |
| _____      | Standby systems (403.9)                     |
| _____      | Stairway doors (403.10)                     |

**ATRIUMS**

- Automatic sprinkler system (404.2)
- Occupancy (404.3)
- N/A Smoke control (404.4)
- N/A Enclosure (404.5)
- Fire alarm system (404.6)
- Travel distance (404.7)

**OTHER SPECIAL USE AND OCCUPANCY**

- N/A Underground structures (405.0)
- Open parking structures (406.0)

- Private garages (407.0)
- Public garages (408.0)
- Use Group I-2 (409.0)
- Use Group I-3 (410.0)
- Stages and platforms (412.0)
- N/A Special amusement buildings (413.0)
- N/A HPM facilities (416.0)
- Hazardous materials (307.8, 417.0)
- Use Groups H-1, H-2, H-3 and H-4 (418.0)
- Swimming pools (421.0)

**FIRE PROTECTION (Chapters 6, 7, 8, 9)**

**FIRERESISTANT MATERIALS AND CONSTRUCTION (Chapter 7 and Table 602)**

Note: Entry in  indicates required rating in hours. NC indicates noncombustible construction required.

**COMBUSTIBILITY (603.0, 604.0, 605.0, 606.0)**

- 0 Exterior walls *FIRE DISTANCE OK*
- 2 HR WALL REQ. Interior elements
- 1 HR Roof

**CONSTRUCTION DOCUMENTS (703.0)**

- Fire tests (704.0)

**EXTERIOR WALLS (507.2, 705.0, 716.5)**

North East South West

Fire separation distance *IN EXCESS OF 30'*

- Loadbearing  *AS REQUIRED*
- Nonloadbearing

- N/A Exterior opening protectives (705.3, 706.0)

- N/R Parapet walls (705.6)

**FIRE SEPARATION ASSEMBLIES**

- SINGLE EXPRESS CONDO. Exit enclosures (709.0, 710.0, 1014.11)
- NONE Other shafts (709.0, 710.0)
- ~~N/A~~ Mixed use and fire area separations (313.1.2)
- N/A Other separation assemblies (302.1.1, Table 602)

**FIRE PARTITIONS**

- Exit access corridors (711.0, 1011.4)
- N/A Tenant separations (711.0)
- N/A Dwelling unit separations (711.0)
- Guestroom separations (711.0)

**OTHER FIRERESISTANT CONSTRUCTION**

- 2 HR Fire and party walls (707.0 and Table 707.1)
- N/A Smoke barriers (712.0)
- N/R Nonloadbearing partitions (Table 602)
- N/R Interior loadbearing walls, columns, girders, trusses (716.0)
- Supporting construction (716.0)
- N/R Floor construction (713.0, 1006.3.1)
- Roof construction (713.0, 715.0)
- Penetrations (714.0)
- Opening protectives (717.0, 719.0, 720.0)
- Fire dampers (718.0)
- Fireblocking/draftstopping (721.0)
- Thermal and sound-insulating materials (723.0)



## INTERIOR FINISHES (Chapter 8)

\_\_\_\_\_ Smoke development (803.3.2)

\_\_\_\_\_ Floor finish (805.0, 806.0)

\_\_\_\_\_ Flame spread (803.4)

## FIRE PROTECTION SYSTEMS (Chapter 9)

*Not Required*

### FIRE SUPPRESSION SYSTEMS (Where required)

\_\_\_\_\_ Assembly (A-1, A-3, A-4) (904.2)

\_\_\_\_\_ Assembly (A-2) (904.3)

\_\_\_\_\_ Educational (E) (904.4)

\_\_\_\_\_ High-hazard (H) (904.5)

\_\_\_\_\_ Institutional (I) (904.6)

\_\_\_\_\_ Mercantile (M), Moderate-hazard  
storage (S-1), Factory and Industrial  
(F-1) (904.7)

\_\_\_\_\_ Residential (R-1) (904.8)

\_\_\_\_\_ Residential (R-2) (904.9)

\_\_\_\_\_ Windowless story (904.10)

\_\_\_\_\_ Specific occupancy areas (302.1.1,  
904.11)

\_\_\_\_\_ Covered mall buildings (402.10)

\_\_\_\_\_ High-rise buildings (403.2)

\_\_\_\_\_ Atriums (404.2)

\_\_\_\_\_ Underground structures (405.3)

\_\_\_\_\_ Public garages (408.3.1)

\_\_\_\_\_ Sound stages (411.7)

\_\_\_\_\_ Stages and enclosed platforms (412.6)

\_\_\_\_\_ Special amusement buildings (413.4)

\_\_\_\_\_ HPM facilities (416.4)

\_\_\_\_\_ Paint spray booths and storage rooms  
(419.3)

\_\_\_\_\_ Unlimited area buildings (507.1)

\_\_\_\_\_ Exit lobbies (1020.3)

\_\_\_\_\_ Drying rooms (2806.4)

\_\_\_\_\_ Waste- and linen-chutes/termination  
rooms (2807.6)

\_\_\_\_\_ Refuse vaults (2808.4)

### FIRE SPRINKLER SYSTEMS

\_\_\_\_\_ NFPA 13 system (906.2.1)

*N/A* \_\_\_\_\_ NFPA 13R system (906.2.2)

*N/A* \_\_\_\_\_ NFPA 13D system (906.2.3)

\_\_\_\_\_ Design (906.3)

\_\_\_\_\_ Actuation (906.4)

\_\_\_\_\_ Sprinkler alarms (906.5)

\_\_\_\_\_ Sprinkler riser (906.7)

### LIMITED AREA SPRINKLER SYSTEMS

\_\_\_\_\_ Where permitted (907.2)

*N/A* \_\_\_\_\_ Design (907.3)

*N/A* \_\_\_\_\_ Actuation (907.4)

\_\_\_\_\_ Standpipe connection (907.6)

\_\_\_\_\_ Domestic supply (907.6.1)

\_\_\_\_\_ Cross connection (907.6.2)

\_\_\_\_\_ Shutoff valve (907.6.3)

### OTHER SUPPRESSION SYSTEMS

\_\_\_\_\_ Water-spray fixed systems (908.0)

*None* \_\_\_\_\_ Carbon dioxide extinguishing systems  
(909.0)

\_\_\_\_\_ Dry-chemical extinguishing systems  
(910.0)

\_\_\_\_\_ Foam-extinguishing systems (911.0)

\_\_\_\_\_ Halogenated extinguishing systems  
(912.0)

\_\_\_\_\_ Clean agent fire extinguishing systems  
(913.0)

\_\_\_\_\_ Wet-chemical range hood extinguishing  
systems (914.0)

## STANDPIPE SYSTEMS

- \_\_\_\_\_ Building height (915.2.1)
- \_\_\_\_\_ Building area (915.2.2)
- \_\_\_\_\_ Malls (915.2.3)
- \_\_\_\_\_ Stages (915.2.4)
- \_\_\_\_\_ Approved system (915.3, 915.3.1)
- \_\_\_\_\_ Piping design (915.4)
- \_\_\_\_\_ Water supply (915.5)
- \_\_\_\_\_ Control valves (915.6)
- \_\_\_\_\_ Hose connection (915.7)

## FIRE DEPARTMENT CONNECTIONS

- \_\_\_\_\_ Required (916.1)
- \_\_\_\_\_ Connections (916.2)

## YARD HYDRANTS

- \_\_\_\_\_ Fire hydrants (917.1)

## FIRE ALARM SYSTEMS

- \_\_\_\_\_ Approval (918.3)
- \_\_\_\_\_ Assembly (A-4), Educational (E) (918.4.1)
- \_\_\_\_\_ Business (B) (918.4.2)
- \_\_\_\_\_ High-hazard (H) (918.4.3)
- \_\_\_\_\_ Institutional (I) (918.4.4)
- \_\_\_\_\_ Residential (R-1) (918.4.5)
- \_\_\_\_\_ Residential (R-2) (918.4.6)
- \_\_\_\_\_ Location/details (918.5)
- \_\_\_\_\_ Power supply/wiring (918.6, 918.7)
- \_\_\_\_\_ Alarm-notification appliances (918.8)
- \_\_\_\_\_ Voice/alarm signaling system (918.9)

## AUTOMATIC FIRE DETECTION SYSTEMS

- \_\_\_\_\_ Approval (919.3)
- \_\_\_\_\_ Institutional (I) (919.4.1, 919.4.2, 919.4.3)
- \_\_\_\_\_ Residential (R-1) (919.4.4)
- \_\_\_\_\_ Sprinklered buildings exception (919.5)
- \_\_\_\_\_ Zones (919.6)

## SINGLE- AND MULTIPLE-STATION SMOKE DETECTORS

- \_\_\_\_\_ Residential (R-1) (920.3.1)
- \_\_\_\_\_ Residential (R-2, R-3) (920.3.2)
- \_\_\_\_\_ Institutional (I-1) (920.3.3)
- \_\_\_\_\_ Interconnection (920.4)
- \_\_\_\_\_ Battery backup (920.5)

## FIRE EXTINGUISHERS

- \_\_\_\_\_ Approval (921.1)
- \_\_\_\_\_ Required (921.2)

## SMOKE CONTROL SYSTEMS

- \_\_\_\_\_ Passive system (922.2.1)
- \_\_\_\_\_ Mechanical system (922.2.2)
- \_\_\_\_\_ Smoke removal (922.3)
- \_\_\_\_\_ Activation (922.4)
- \_\_\_\_\_ Standby power (922.5)

## SMOKE AND HEAT VENTS

- \_\_\_\_\_ Size and spacing (923.2)

## SUPERVISION

- \_\_\_\_\_ Fire suppression systems (924.1)
- \_\_\_\_\_ Fire alarm systems (924.2)

**OCCUPANT NEEDS (Chapters 10, 11, 12)**

**MEANS OF EGRESS (Chapter 10)**

**OCCUPANT LOAD (1008.0 and Table 1008.1.2)**

**CAPACITY OF EGRESS COMPONENTS  
(1009.0 and Table 1009.2)**

| Location | Floor Area | Sq. ft./person | Occt. load | Other occt. loads | Total |
|----------|------------|----------------|------------|-------------------|-------|
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |
| _____    | _____      | _____          | _____      | _____             | _____ |

Egress width (inch/occupant)

Stairways \_\_\_\_\_  
Doors/ramps/corridors \_\_\_\_\_

**CAPACITY**

| Location | Stairways | Doors/ramps corridors |
|----------|-----------|-----------------------|
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |
| _____    | _____     | _____                 |

**NUMBER OF EXITS (1010.0)**

| Location | Required | Shown |
|----------|----------|-------|
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |
| _____    | _____    | _____ |

**MEANS OF EGRESS (continued)**

|                 |   |           |       |   |
|-----------------|---|-----------|-------|---|
| _____           | General limitations (1005.0)                          | <u>NA</u> | _____ | Ramps (1016.0)                              |
| _____           | Air movement in egress elements (1005.7)              | <u>OK</u> | _____ | Means of egress doorways (1017.0)           |
| _____           | Types and location of egress (1006.0)                 | _____     | _____ | Number of doorways (1017.2)                 |
| <u>OK</u>       | Exit access travel distance (1006.5 and Table 1006.5) | <u>OK</u> | _____ | Size of doors (1017.3)                      |
| <u>SING C</u>   | Accessible means of egress (1007.0)                   | _____     | _____ | Door hardware (1017.4)                      |
| <u>CON</u>      | Emergency escape (1010.4)                             | _____     | _____ | Revolving doors (1018.0)                    |
| _____           | Exit access passageways and corridors (1011.0)        | _____     | _____ | Horizontal exits (1019.0)                   |
| _____           | Aisles and accessways (1012.0)                        | _____     | _____ | Level of exit discharge passageway (1020.0) |
| _____           | Grandstands (1013.0)                                  | _____     | _____ | Guards (1021.0)                             |
| <u>Mell. OK</u> | Interior stairways (1014.1 - 1014.11)                 | _____     | _____ | Handrails (1022.0)                          |
| _____           | Exterior stairways (1014.1 - 1014.10, 1014.12)        | _____     | _____ | Exit signs and lights (1023.0)              |
| <u>NA</u>       | Smokeproof enclosures (1015.0)                        | _____     | _____ | Means of egress lighting (1024.0)           |
| _____           |   | _____     | _____ | Access to roof (1027.0)                     |

**ACCESSIBILITY (Chapter 11)**

|           |                             |       |       |                                  |
|-----------|-----------------------------|-------|-------|----------------------------------|
| <u>NA</u> | Required (1103.0)           | _____ | _____ | Accessible entrances (1106.0)    |
| _____     | Accessible route (1104.0)   | _____ | _____ | Special use groups (1107.0)      |
| _____     | Parking facilities (1105.0) | _____ | _____ | Features and facilities (1108.0) |

**INTERIOR ENVIRONMENT (Chapter 12)**

|           |                               |       |       |                                      |
|-----------|-------------------------------|-------|-------|--------------------------------------|
| <u>OK</u> | Room dimensions (1204.0)      | _____ | _____ | Air-borne noise (STC) (1214.2)       |
| _____     | Roof spaces (1210.1, 1211.2)  | _____ | _____ | Structure-borne sound (IIC) (1214.3) |
| _____     | Crawl spaces (1210.2, 1211.1) | _____ | _____ | Ratproofing (1215.0)                 |

**BUILDING ENVELOPE (Chapters 14, 15)**

**EXTERIOR WALL COVERINGS (Chapter 14)**

|       |   |       |       |  |
|-------|---|-------|-------|--|
| _____ | Performance requirements (1403.0)         | _____ | _____ | Combustible material restrictions (1406.0) |
| _____ | Wall sidings and veneers (1404.0, 1405.0) | _____ | _____ |  |

## ROOFS AND ROOF STRUCTURES (Chapter 15)

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Performance requirements (1505.0)   | Low-slope roof coverings (1507.5) |
| Fire classification (1506.0)        | Flashing (1508.0)                 |
| Steep-slope roof coverings (1507.4) | Roof structures (1510.0)          |

## STRUCTURAL SYSTEMS (Chapters 16, 17, 18)

### STRUCTURAL LOADS (Chapter 16)

#### DESIGN LOADS ON CONSTRUCTION DOCUMENTS (1603.1)

#### Uniformly distributed floor live loads (1603.2, 1606.0)

| Floor Area Use    | Loads Shown    |
|-------------------|----------------|
| <u>OFFICES</u>    | <u>80 PSF</u>  |
| <u>ALL OTHERS</u> | <u>125 PSF</u> |
| _____             | _____          |
| _____             | _____          |

#### N/A Live load reduction (1603.2, 1606.7)

#### 50 PSF Roof live loads (1603.3, 1607.0)

#### Roof snow loads (1603.4, 1608.0)

#### 60 Ground snow load, $P_g$ (1608.3)

#### 464 DRIFT If $P_g > 10$ psf, flat-roof snow load, $P_f$ (1608.4)

#### 1.0 If $P_g > 10$ psf, snow exposure factor, $C_e$ (Table 1608.4)

#### 50 Sloped roof snowload, $P_s$ (1608.5)

#### 1.0 If $P_g > 10$ psf, snow load importance factor, $I$ (Table 1609.5)

#### Wind loads (1603.5, 1609.0)

#### 85 Basic wind speed (1609.3)

#### C Wind exposure category (1609.4)

#### 1.10 Wind importance factor, $I$ (Table 1609.5)

#### 18.5 Wind design pressure, $P$ (1609.7)

#### Earthquake loads (1603.6, 1610.0)

#### 1.11 Peak velocity-related acceleration, $A_v$ (1610.1.3)

#### \_\_\_\_\_ Peak acceleration, $A_a$ (1610.1.3)

#### 1 Seismic hazard exposure group (1610.1.5)

#### C Seismic performance category (1610.1.7)

#### S4 Soil-profile type (Table 1610.3.1)

#### 4-5 Basic structural system and seismic-resisting system (Table 1610.3.3)

#### R-5 CD 4.5 Response modification factor, $R$ , and deflection amplification factor, $C_d$ (Table 1610.3.3)

#### RFP Analysis procedure (1610.4, 1610.5)

#### Other loads

#### \_\_\_\_\_ Attic load (1606.2.2, 1606.2.3)

#### \_\_\_\_\_ Partition loads (1606.2.4)

#### \_\_\_\_\_ Concentrated loads (1606.3)

#### \_\_\_\_\_ Impact loads (1606.6)

#### Mechanical CON LOAD Misc. loads (1606.4, 1606.8, 1606.9, 1607.5, 1612.0)

#### STRUCTURAL DESIGN CALCULATIONS

#### Submitted for all structural members (107.7)

#### Signed/sealed (107.7, 114.1)

#### Deflection limits considered (1604.5)

**STRUCTURAL DESIGN CALCULATIONS (continued)**

|       |   |       |   |
|-------|---|-------|---|
| _____ | Unbalanced snow loads considered (1608.6) | _____ | Internal pressure effects considered (1609.7, 1609.8) |
| _____ | Drift snow loads considered (1608.7)      | _____ | Components and cladding effects considered (1609.8)   |
| _____ | Sliding snow loads considered (1608.8)    | _____ | Load combinations considered (1613.1)                 |

**MATERIAL PERFORMANCE (Chapter 17)**

|       |   |       |  |
|-------|---|-------|--|
| _____ | Material performance technical data or BOCA Evaluation Services or National Evaluation Services report supplied (1703.0) Report No. _____ | _____ | Masonry construction (1705.5)                          |
| _____ | Owner's special inspection program specified (1705.0)   | _____ | Wood construction (1705.6)                             |
| _____ | Prefabricated items (1705.2)  | _____ | Prepared fill and foundations (1705.7, 1705.8, 1705.9) |
| _____ | Steel construction (1705.3)   | _____ | Fireresistive materials (1705.12)                      |
| _____ | Concrete construction (1705.4)  | _____ | EIFS, wall panels and veneers (1705.10, 1705.13)       |

**FOUNDATIONS AND RETAINING WALLS (Chapter 18)**

|                 |  |       |                                     |
|-----------------|--|-------|-------------------------------------|
| _____           | Soil type (1611.0, 1802.1, 1804.1)     | _____ | Foundations (1814.0 - 1824.0)       |
| <u>6000 PSF</u> | Bearing value (1611.0, 1802.1, 1804.1) | _____ | Foundation walls (1611.0, 1812.0)   |
| <u>425</u>      | Soil report (1802.1, 1804.1)           | _____ | Waterproofing/dampproofing (1813.0) |
| <u>OK</u>       | Prepared fill (1804.1.1)               | _____ | Retaining walls (1611.0, 1825.0)    |
| _____           | Footings (1806.0 - 1811.0)             | _____ |                                     |

**STRUCTURAL MATERIALS (Chapters 19, 21, 22, 23)**

**CONCRETE (Chapter 19)**

|               |  |       |   |
|---------------|--|-------|---|
| <u>ALL OK</u> | Plain, reinforced and prestressed concrete design/construction standard specified (1901.1, 1903.1.1) | _____ | Minimum concrete strength (Table 1907.1.2[1])                   |
| _____         | Minimum slab requirements (1905.1)   | _____ | Cold-weather and hot-weather curing specified (1908.9, 1908.10) |

**MASONRY (Chapter 21)**

|       |  |       |  |
|-------|--|-------|--|
| _____ | Engineered masonry design/construction standard specified (2101.1.1) | _____ | Cold-weather and hot-weather construction specified (2111.3, 2111.4) |
| _____ | Empirical masonry design (2101.1.2)                                  | _____ | Fireplaces and chimneys (2103.2, 2113.0 - 2117.0)                    |
| _____ | Construction materials (2104.0)                                      | _____ | Glass block (2118.0)   |
| _____ | Mortar type (2104.7)   | _____ |  |

## STEEL (Chapter 22)

\_\_\_\_\_ Structural steel design/construction  
standard specified (2203.1, 2203.2)

\_\_\_\_\_ Shop drawing preparation specified  
(2203.4)

\_\_\_\_\_ Open-web steel joist design/construction  
standard specified (2205.1)

*YES*  
*OK*

\_\_\_\_\_ Formed steel design/construction  
standard specified (2206.1)

\_\_\_\_\_ Formed steel member identification  
(2206.6)

## WOOD (Chapter 23)

\_\_\_\_\_ Installation inspections (2301.2)

\_\_\_\_\_ Design/construction standard specified  
(2303.1)

\_\_\_\_\_ Grade mark specified (2303.1.1)

**HEAVY TIMBER CONSTRUCTION**

\_\_\_\_\_ Minimum dimensions (605.1, 2304.0)

\_\_\_\_\_ Design/construction standard specified  
(2304.1)

### WOOD FRAME CONSTRUCTION

\_\_\_\_\_ Fastening and construction details  
(2305.0, Table 2305.2)

\_\_\_\_\_ Wind bracing design required (2305.7)

\_\_\_\_\_ Seismic bracing (2305.8)

\_\_\_\_\_ Foundation anchorage (2305.17)

\_\_\_\_\_ Wood structural panels (2307.0)

\_\_\_\_\_ Particleboard (2308.0)

\_\_\_\_\_ Fiberboard (2309.0)

\_\_\_\_\_ Fireretardant-treated wood (2310.0)

\_\_\_\_\_ Decay and termite protection (2311.0)

\_\_\_\_\_ Joist hangers (2312.0)

\_\_\_\_\_ Prefabricated components (2313.1, 2313.3)

\_\_\_\_\_ Metal-plate-connected trusses (2313.3.1  
2313.3.2)

## NONSTRUCTURAL MATERIALS (Chapters 24, 25, 26)

### GLASS AND GLAZING (Chapter 24)

\_\_\_\_\_ Skylights (2404.0)

\_\_\_\_\_ Safety glazing (2405.0, 2406.0, 2407.0)

### GYPSUM BOARD AND PLASTER (Chapter 25)

*OK*  
\_\_\_\_\_ Gypsum board materials (2503.0,  
Table 2503.2, Table 2503.3)

\_\_\_\_\_ Plaster (2504.0, 2505.0, 2506.0)

### PLASTIC (Chapter 26)

\_\_\_\_\_ Approved materials (2601.2)

\_\_\_\_\_ Identification (2601.4)

\_\_\_\_\_ Interior trim (2603.7)

\_\_\_\_\_ Alternative approval (2603.8)

### FOAM PLASTIC (2603.0)

\_\_\_\_\_ Labeling (2603.2)

\_\_\_\_\_ Surface-burning characteristics (2603.3)

\_\_\_\_\_ Thermal barrier (2603.4)

\_\_\_\_\_ Exterior walls (2603.5, 2603.6)

LIGHT-TRANSMITTING PLASTIC (2603.5, 2604.0)

Unprotected openings (2606.0)

Diffusing systems (2604.5)

Roof panels (2607.0)

Wall panels (2605.0)

Skylight glazing (2608.0)

## BUILDING SERVICES (Chapters 28, 30)

### MECHANICAL SYSTEMS (Chapter 28)

Waste- and linen-handling systems (2807.0)

Refuse vaults (2808.0)

### ELEVATORS AND CONVEYING SYSTEMS (Chapter 30)

Construction standard specified (3001.2)

Venting (3007.3 - 3007.6)

Elevator emergency operation (3006.2)

Opening protectives (3008.2)

Hoistway enclosure (3007.1)

Conveyors and escalators (3010.0, 3011.0)

## SPECIAL DEVICES AND CONDITIONS (Chapters 31, 34)

### SPECIAL CONSTRUCTION (Chapter 31)

Membrane structures (3103.0)

PEDESTRIAN WALKWAYS (3106.0)

Flood-resistant construction (3107.0)

Construction and use (3106.1 - 3106.3)

Towers (3108.0)

Separation (3106.4)

Local approval (3106.5)

Egress and size (3106.6 - 3106.8)

### EXISTING STRUCTURES (Chapter 34)

#### ADDITIONS, ALTERATIONS OR CHANGE OF OCCUPANCY

General requirements (3402.0)

Additions/alterations (3403.0, 3404.0)

Structural loads (1614.0, 3402.5)

Change of occupancy (1110.3, 3405.0)

Accessibility (1110.0, 3402.7)

Compliance alternative evaluation (3408.0)

#### BUILDING EVALUATION SUMMARY (Table 3408.7)

|  |  |
|--|--|
| Existing use group _____                                   | Proposed use group _____                     |
| Year building was constructed _____                        | Number of stories _____ Height in feet _____ |
| Type of construction _____                                 | Area per floor _____                         |
| Percentage of open perimeter _____ %                       | Percentage of height reduction _____ %       |
| Completely suppressed: Yes _____ No _____                  | Corridor wall rating _____                   |
| Compartmentation: Yes _____ No _____                       | Required door closers: Yes _____ No _____    |
| Fireresistance rating of vertical opening enclosures _____ |  |
| Type of HVAC system _____                                  | serving number of floors _____               |



## BUILDING EVALUATION SUMMARY (continued)

Automatic fire detection: Yes \_\_\_\_\_ No \_\_\_\_\_, type and location \_\_\_\_\_  
 Fire alarm system: Yes \_\_\_\_\_ No \_\_\_\_\_, type \_\_\_\_\_  
 Smoke control: Yes \_\_\_\_\_ No \_\_\_\_\_, type \_\_\_\_\_  
 Adequate exit routes: Yes \_\_\_\_\_ No \_\_\_\_\_ Dead ends: Yes \_\_\_\_\_ No \_\_\_\_\_  
 Maximum exit access travel distance \_\_\_\_\_ Elevator controls: Yes \_\_\_\_\_ No \_\_\_\_\_  
 Means of egress emergency lighting: Yes \_\_\_\_\_ No \_\_\_\_\_ Mixed use groups: Yes \_\_\_\_\_ No \_\_\_\_\_

| Safety parameters                             | Fire safety (FS) | Means of egress (ME) | General safety (GS) |
|---|------------------|----------------------|---------------------|
| 3408.6.1 Building height                      |                  |                      |                     |
| 3408.6.2 Building area                        |                  |                      |                     |
| 3408.6.3 Compartmentation                     |                  |                      |                     |
| 3408.6.4 Tenant and dwelling unit separations |                  |                      |                     |
| 3408.6.5 Corridor walls                       |                  |                      |                     |
| 3408.6.6 Vertical openings                    |                  |                      |                     |
| 3408.6.7 HVAC systems                         |                  |                      |                     |
| 3408.6.8 Automatic fire detection             |                  |                      |                     |
| 3408.6.9 Fire alarm system                    |                  |                      |                     |
| 3408.6.10 Smoke control                       | ****             |                      |                     |
| 3408.6.11 Means of egress                     | ****             |                      |                     |
| 3408.6.12 Dead ends                           | ****             |                      |                     |
| 3408.6.13 Max. exit access travel distance    | ****             |                      |                     |
| 3408.6.14 Elevator control                    |                  |                      |                     |
| 3408.6.15 Means of egress emergency lighting  | ****             |                      |                     |
| 3408.6.16 Mixed use groups                    |                  | ****                 |                     |
| 3408.6.17 Sprinklers                          |                  | + 2 =                |                     |
| 3408.6.18 Specific occupancy area protection  |                  |                      |                     |
| Building score — total value                  |                  |                      |                     |

\*\*\*\* No applicable value to be inserted.

### BUILDING SAFETY EVALUATION SCORE (Table 3408.9)

| Formula    | Table 3408.7 | Table 3408.8  | Score   | Pass  | Fail  |
|------------|--------------|---------------|---------|-------|-------|
| FS-MFS ≥ 0 | _____ (FS)   | - _____ (MFS) | = _____ | _____ | _____ |
| ME-MME ≥ 0 | _____ (ME)   | - _____ (MME) | = _____ | _____ | _____ |
| GS-MGS ≥ 0 | _____ (GS)   | - _____ (MGS) | = _____ | _____ | _____ |

FS = Fire Safety  
 ME = Means of Egress  
 GS = General Safety

MFS = Mandatory Fire Safety  
 MME = Mandatory Means of Egress  
 MGS = Mandatory General Safety