



2003 INTERNATIONAL BUILDING CODE® PLAN REVIEW RECORD

Plan Review # _____
 Date: 3/12/09
 Valuation: _____
 Fee: _____

JURISDICTION: Portland, Me.
 (City, County, Township, etc.)

BUILDING LOCATION: 132 Riverside St.
 (Street address)

BUILDING DESCRIPTION: Burger King

REVIEWED BY: Chris Hansen

Numerals indicated in parenthesis are applicable code sections of the 2003 International Building Code. The plan review accomplished as indicated in this record is limited to those code sections specifically identified herein. This record references commonly applicable code sections. It does not reference all code provisions which may be applicable to specific buildings. This record is designed to be used only by those who are knowledgeable and capable of exercising competent judgement in evaluating construction documents for code compliance.

CORRECTION LIST

No.	DESCRIPTION	Code Section
1	Letter from Design Professional - Plans meet 2003 IBC Plans use 2006 IBC.	
2	Code Summary?	
3	Spec Book copy requested.	
4	Com-CK?	} Mark
5	Statement of Spec. Susp.?	
6	Specs on Trusses - Condition of permit.	
7	Elect, Plumbing HVAC, Signage sep. permits req, Cond.	
8		
9	Food Service Lic. - Cond.	
10	ST Fire Marshall Permit - Issued/ADA	
11		



Copyright, 2003, International Code Council, Inc. Reproduction by any means is prohibited. ICC is the trademark of International Code Council, Inc., and is registered in the U.S. Patent and Trademark Office. For additional forms, contact:

INTERNATIONAL CODE COUNCIL, INC.
 PHONE 1-800-786-4452 • WWW.ICCSAFE.ORG

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

ADMINISTRATION (Chapter 1)

<p style="text-align: center;">✓</p> <p style="text-align: center;">Complete construction documents (106.1, 106.2)</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">Signed/sealed construction documents (106.1, State laws vary)</p>
--	---

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

A2 Rest. w/ 70 occ. 1000

OCCUPANCY CLASSIFICATION (302.0-312.0)

Single Occupancy (302.1)	Incidental use areas (302.1.1)
Mixed Occupancy (302.2)	Accessory use areas (302.2)

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 occupancy or nonseparated mixed occupancies. Apply Case 2 to determine the allowable height and area and permitted types of construction for a building containing separated mixed occupancies.

AREA MODIFICATIONS TO TABLE 503

% of Allowable tabular area, A_t (Table 503) 100%

% Increase for frontage, I_f (506.2) + _____ %

% Increase for automatic sprinklers, I_s (506.3) N/A \pm _____ %

Total percentage factor N/A = _____ %

Conversion factor _____
Total percentage factor ÷ 100%

Frontage (506.2)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border-bottom: 1px solid black; text-align: center;">North</td> <td style="width: 25%; border-bottom: 1px solid black; text-align: center;">East</td> <td style="width: 25%; border-bottom: 1px solid black; text-align: center;">South</td> <td style="width: 25%; border-bottom: 1px solid black; text-align: center;">West</td> </tr> <tr> <td colspan="4" style="text-align: center; font-size: 2em;">N/A</td> </tr> </table>	North	East	South	West	N/A			
North	East	South	West						
N/A									
Total Frontage (F) _____ ft.	Perimeter (P) _____ ft.								
Width of open space (W) = _____									
% Frontage increase (I_f) = _____ (506.2)									
$I_f = 100 \left[\frac{F}{P} - 0.25 \right] \frac{W}{30}$									

CASE 1 — SINGLE OCCUPANCY OR NONSEPARATED USES (302.3.1)

Using Table 503, identify the allowable height and area of the single occupancy or the most restrictive of the nonseparated mixed occupancies. Construction types that provide an allowable tabular area equal to or greater than the adjusted building area and allowable heights (as modified by Section 504) equal to or greater than the actual building height are permitted.

DETERMINE CONSTRUCTION TYPE

Actual building area 2752 ft²

Adjusted building area _____ ft²
actual building area ÷ conversion factor

Actual building height _____ feet 1 stories

Allowable building height 9,500 feet 2 stories

Permitted types of construction 5B

Type of construction assumed for review (602.1.1) 3B

CHECK ALLOWABLE AREA (506.4)

Allowable area per floor (A_a) _____

_____ × _____ = _____ ft²
conversion factor tabular area (Table 503)

Total floor area (all stories) N/A ft²

Allowable floor area (all stories) _____

_____ × _____ = _____ ft²
Allowable area per floor (A_a) number of stories (maximum 3)

Compliance verified (Single Occ. or Nonsep.) ✓

CASE 2 — MIXED OCCUPANCY SEPARATED USES (302.3.2)

Using Table 503, identify the allowable height and area of each of the separated uses within the building. Construction types that provide, for each story of the building, tabular areas (as modified by Section 506) which result in a sum of the ratios of 1.00 or less and allowable heights (as modified by Section 504) equal to or greater than the actual height of the use are permitted.

Story	Group	Actual floor area	Adjusted floor area*	Actual height	Allowable height
		ft ²	ft ²	ft stories	ft stories
		ft ²	ft ²	ft stories	ft stories
		ft ²	ft ²	ft stories	ft stories
		ft ²	ft ²	ft stories	ft stories
		ft ²	ft ²	ft stories	ft stories
		ft ²	ft ²	ft stories	ft stories
		ft ²	ft ²	ft stories	ft stories

\sum Adjusted floor area * / Allow. tab. area, A, (Table 503) = _____ + _____ + _____ + _____ = _____ \leq 1.00

*Adjusted floor area = actual floor area + conversion factor

CHECK ALLOWABLE AREA (506.4)

Allowable area per floor (A_a)

$\frac{\text{conversion factor}}{\text{tabular area (Table 503)}} \times \text{ft}^2 =$ Permitted types of construction _____

Total floor area (all stories) _____ ft² Type of construction assumed for review (602.1.1) _____

Allowable floor area (all stories) _____ ft² Compliance verified (Mixed Occ. Separated) _____

$\frac{\text{Allowable area per floor (A}_a\text{)}}{\text{number of stories (maximum 3)}} \times \text{ft}^2 =$

MEZZANINES (505) _____
 Area limitation (505.2) _____ Openness (505.4) _____
 Egress (505.3) _____ Equipment platforms (505.5) _____

UNLIMITED AREA BUILDINGS (507)

Unsprinklered, one story (507.1) _____ High-hazard use groups (507.6) _____
 Sprinklered, one story (507.2) _____ Aircraft paint hangar (507.7) _____
 Two story (507.3) _____ Group E buildings (507.8) _____
 Reduced open space (507.4) _____ Motion picture theaters (507.9) _____
 Group A-3 buildings (507.5) _____

SPECIAL PROVISIONS (508)

Special condition applicable (508.1) _____ Compliance verified _____

SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY (Chapter 4)

COVERED MALL BUILDINGS (402) _____ Standpipe system (402.8.1) _____
 Egress (402.4, 402.11) _____ Smoke control (402.9) _____
 Mall width (402.5) _____ Kiosk requirements (402.10) _____
 Unlimited area (402.6) _____ Emergency voice/alarm (402.12, 402.13) _____
 Fire separations (402.7) _____ Plastic signs (402.14) _____
 Automatic sprinkler system (402.8) _____ Fire department access (402.15) _____

HIGH-RISE BUILDINGS (403)

NOT Req. Automatic sprinkler system (403.2) _____
 Fire-resistance rating reduction (403.3) _____
 yes ✓ Automatic fire detection (403.5) _____
 yes ✓ Emergency voice/alarm systems (403.6) _____
 NOT Req. Fire department communication (403.7) _____
 NOT Req. Fire command center (403.8) _____
 N/A Elevators (403.9) _____
 N/A Standby power (403.10) _____
 Emergency power (403.11) _____
 Stairway doors (403.12) _____
 Smokeproof exit (403.13) _____

ATRIUMS (404)

Atrium use (404.2) _____
 Automatic sprinkler system (404.3) _____
 N/A Smoke control (404.4) _____
 N/A Enclosure (404.5) _____
 Standby power (404.6) _____
 Interior finish (404.7) _____
 Travel distance (404.8) _____

OTHER SPECIAL USE AND OCCUPANCY

Underground structures (405) _____
 Motor vehicle related occupancies (406, 508) _____
 Group I-2 (407) _____
 Group I-3 (408) _____
 Motion picture projection rooms (409) _____
 Stages and platforms (410) _____
 Special amusement buildings (411) _____
 Aircraft-related occupancies (412) _____
 N/A Combustible storage (413) _____
 Hazardous materials (307.9, 414) _____
 Groups H-1, H-2, H-3, H-4, and H-5 (415) _____
 Application of flammable finishes (416) _____
 Drying rooms (417) _____
 Organic coatings manufacturing (418) _____

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

FIRE-RESISTANCE-RATED CONSTRUCTION (Tables 601 & 602 and Chapter 7)

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

III B Construction classification (602)

COMBUSTIBILITY (602.2, 602.3, 602.4, 602.5, 603)

2 Exterior walls

0 Interior elements

0 Roof

FIRE-RESISTANCE RATINGS AND FIRE TESTS (703)

Ratings / Combustibility (703.2, 703.4)

Alternative methods (703.3, 718, 720, 721)

BUILDING ELEMENTS (Table 601)

2 Structural frame (714)

0 Interior bearing walls

0 Interior nonbearing walls

N/A Floor construction (711)

N/A Roof construction (711)

EXTERIOR WALLS (507, Table 602, 704, 706.6)

North East South West

Fire separation distance _____

Bearing

Nonbearing

EXTERIOR WALLS (continued)

- Opening protection (704.8, 704.12, 704.14)
- Vertical fire spread protection (704.9, 704.10)
- Parapets (704.11)

FIRE BARRIERS (706)

- Shaft enclosures (706.3.1)
- Exit enclosures (706.3.2, 706.3.3)
- Horizontal exits (706.3.4)
- N/A Incidental use areas (706.3.5)
- N/A Mixed occupancy and fire area separations (706.3.6, 706.3.7)

SHAFTS (707)

- N/A Exceptions (707.2)
- N/A Construction (707.3 - 707.14)

OTHER FIRE RESISTANT CONSTRUCTION

- Fire walls (705)
- Fire partitions (708)
- Smoke barriers (709)
- Smoke partitions (710)
- Penetrations (712)
- Fire resistant joint systems (713)
- Opening protectives (715)
- Dampers (716)
- Concealed spaces (717)
- Thermal and sound-insulating materials (719)

INTERIOR FINISHES (Chapter 8)

- Smoke development (803.1)
- Flame spread (803.1)
- Non-textile finish (803.2)
- Floor finish (804)
- Decorations and trim (805)

FIRE PROTECTION (Chapter 9)

AUTOMATIC SPRINKLER SYSTEMS (903)
(Where required)

- Assembly (A-1, A-2, A-3, A-4, A-5) (903.2.1)
- Educational (E) (903.2.2)
- Factory/Industrial (F-1) (903.2.3)
- High-hazard (H-1, H-2, H-3, H-4, H-5) (903.2.4)
- Institutional (I-1, I-2, I-3, I-4) (407.5, 903.2.5)
- Mercantile (M) (903.2.6) *Under 3,000 - Not Req.*
- Residential (R) (903.2.7)
- Storage/Repair garage (S-1) (903.2.8)
- Parking garages (903.2.9)
- Windowless story (903.2.10.1)
- Rubbish and linen chutes (903.2.10.2)
- Buildings over 55 ft. high (903.2.10.3)
- Incidental use areas (302.1.1)

Additional required systems
(Table 903.2.13)

International Fire Code (IFC 903.2.13)

AUTOMATIC SPRINKLER SYSTEMS* (903)
(Design)

- Shop drawings (106.1.1.1)
- NFPA 13 system (903.3.1.1)
- NFPA 13R system (903.3.1.2)
- NFPA 13D system (903.3.1.3)
- Quick-response and residential heads (903.3.2)
- Actuation (903.3.4)
- Water supply (903.3.5)
- Hose connections (903.3.6, 903.3.7)
- Sprinkler monitoring and alarms (903.4, 907.13)

* Also see Fire Code Sprinkler Plan Review Record

ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS (904)

- Installation (904.3)
- Wet-chemical systems (904.5)
- Dry-chemical systems (904.6)
- Foam systems (904.7)
- Carbon dioxide systems (904.8)
- Halon systems (904.9)
- Clean-agent systems (904.10)
- Commercial cooking systems (904.2.1, 904.11) *yes*

STANDPIPE SYSTEMS (905)

- Installation standards (905.2) *not Req.*
- Building height (905.3.1)
- Group A (905.3.2)
- Covered malls (905.3.3)
- Stages (905.3.4)
- Underground buildings (905.3.5)
- Helistops/heliports (905.3.6)
- Hose connections and locations (905.1, 905.4, 905.5, 905.6)
- Cabinets (905.7)
- Dry standpipes (905.8)
- Valve supervision (905.9)

PORTABLE FIRE EXTINGUISHERS (906)

- Required locations - IFC (906.1) *yes*

FIRE ALARM AND DETECTION SYSTEMS (907)
(Where required)

- Construction documents (907.1.1)
- Assembly (A-1, A-2, A-3, A-4, A-5) (907.2.1)
- Business (B) (907.2.2)
- Educational (E) (907.2.3)
- Factory (F-1, F-2) (907.2.4)
- High-hazard (H-1, H-2, H-3, H-4, H-5) (907.2.5)
- Institutional (I-1, I-2, I-3, I-4) (907.2.6)
- Mercantile (M) (907.2.7) *yes*
- Residential (R-1, R-2) (907.2.8, 907.2.9)

- yes* Single/multiple station smoke alarms (907.2.10)
- N/A* High rise buildings (907.2.12)
- N/A* Atriums (907.2.13)
- Other buildings/areas (907.2.11, 907.2.14 - 907.2.23)

FIRE ALARM AND DETECTION SYSTEMS (907)
(Design)

- Residential smoke alarm power source (907.2.10.2)
- Residential smoke alarm interconnection (907.2.10.3)
- Location/Power supply/Wiring (907.3 - 907.5)
- Activation/Presignal/Zones (907.6 - 907.8)
- Alarm notification appliances (907.9)
- Detectors (907.10 - 907.12)
- Monitoring (907.14)

EMERGENCY ALARM SYSTEMS (908)

- Detection system applicable (908.1 - 908.6) *yes*

SMOKE CONTROL SYSTEMS (909)

- Where required (402.9, 404.4, 405.5, 408.8, 410.3.7.2, 1019.1.8, 1024.6.2.1)
- Design requirements (909.1 - 909.4)
- Smoke barriers (909.5)
- Pressurization method (909.6)
- Airflow method (909.7)
- Exhaust method (909.8)
- Equipment/Power (909.10, 909.11)
- Detection and control (909.12 - 909.18)
- Smokeproof enclosures (909.20)
- Underground buildings (909.21)

SMOKE AND HEAT VENTS (910)

- Requirements (910.1 - 910.3)
- Mechanical alternative (910.4)

FIRE COMMAND CENTER (911)

- Features (911.1) *N/A*

(Fire Suppression Tied to Alarm System)

OCCUPANT NEEDS (Chapters 10, 11, 12)

MEANS OF EGRESS (Chapter 10)

OCCUPANT LOAD (1004.1.2 and Table 1004.1.2)

CAPACITY OF EGRESS COMPONENTS (1005.1 and Table 1005.1)

Location	Floor Area	+ Sq.ft./person	= Occt. load	Other occt. loads	Total	Egress width (inch/occupant)		
						Stairways _____		
						Other egress components _____		
						CAPACITY		
						Location	Stairways	Other egress components
						NUMBER OF EXITS (1018.1, 1018.2)		
						Location	Required	Shown
							2	2

MEANS OF EGRESS (continued)

GENERAL MEANS OF EGRESS

<p><input checked="" type="checkbox"/> Design requirements (1003.2 - 1003.7)</p> <p><input checked="" type="checkbox"/> Means of egress illumination (1006)</p> <p><input checked="" type="checkbox"/> Exit signs (1011)</p> <p><input checked="" type="checkbox"/> Accessible means of egress (1007)</p> <p><input checked="" type="checkbox"/> Means of egress doors (1008.1-1008.1.2)</p> <p>Special doors/Gates/Turnstiles (1008.1.3, 1008.2, 1008.3)</p>	<p><input checked="" type="checkbox"/> Door landings/Thresholds/Arrangement (1008.1.4 - 1008.1.7)</p> <p><input checked="" type="checkbox"/> Door hardware (1008.1.8, 1008.1.9)</p> <p>Stairways (1009)</p> <p>Handrails (1009.11)</p> <p><input checked="" type="checkbox"/> Roof access (1009.12)</p> <p>Ramps (1010)</p> <p>Guards (1012)</p>
---	--

2 OK main entrance employee.

EXIT ACCESS

<p>Door number and arrangement (1013.2, 1014.1, 1014.2)</p> <p>Exit access travel distance (1013.3, 1015.1)</p> <p>Aisles (1013.4)</p>	<p>Egress balconies (1013.5, 1015.3)</p> <p>Corridors (1016)</p> <p>Air movement in corridors (1016.4)</p>
--	--

EXITS / EXIT DISCHARGE

<p><input checked="" type="checkbox"/> Exits/Exit doors (1017, 1018)</p> <p>N/A Interior exit stairways (1019)</p> <p>Exit passageways (1020)</p>	<p><input checked="" type="checkbox"/> Horizontal exits (1021)</p> <p>Exterior exit ramps/stairways (1022)</p> <p>Exit discharge (1023)</p>
---	---

OTHER MEANS OF EGRESS

<p>Miscellaneous egress requirements (1014.3 - 1014.6)</p> <p>Bleachers (1024.1.1)</p> <p>Assembly exits & egress (1024.2 - 1024.5)</p>	<p style="font-size: 2em;">N/A</p> <p>Assembly aisles & features (1024.6 - 1024.15)</p> <p>Emergency escape and rescue (1025)</p>
---	---

ACCESSIBILITY* (Chapter 11)

<p><input checked="" type="checkbox"/> Scoping requirements (1103)</p> <p><input checked="" type="checkbox"/> Accessible route (1104)</p> <p><input checked="" type="checkbox"/> Accessible entrances (1105)</p> <p><input checked="" type="checkbox"/> Parking and passenger loading (1106)</p>	<p>Dwelling units and sleeping units (1107)</p> <p>Special occupancies (1108)</p> <p>Features and facilities (1109)</p> <p>Signage (1110)</p>
--	---

*Also see Accessibility Plan Review Record

DESIGN LOADS (continued)

Wind loads (1603.1.4, 1609)

Design option utilized (1609.1.1, 1609.6)
Basic wind speed (1609.3)
Building category and wind importance factor, Iw (Table 1604.5, 1609.5)
Wind exposure category (1609.4)

Internal pressure coefficient (ASCE 7)
Component and cladding pressures (1609.1.1, 1609.6.2.2)
Main force wind pressures (1609.1.1, 1609.6.2.1)

Earthquake design data (1603.1.5, 1614 - 1623)

Design option utilized (1614.1)
Seismic use group ("Category") (Table 1604.5, 1616.2)
Spectral response coefficients, SDS & SD1 (1615.1)
Site class (1615.1.5)

QUALITY ASSURANCE (Chapter 17)

Approvals/Research report(s) (1703, 1703.4.2) Report No.

Owner's special inspection program specified (1704.1.1)

Prefabricated items (1704.2)

Steel construction (1704.3)

Concrete construction (1704.4)

Masonry construction (1704.5)

Wood construction (1704.6)

Prepared fill and foundations (1704.7, 1704.8, 1704.9)

SOILS AND FOUNDATIONS (Chapter 18)

Soils investigations/Reports (1802.1, 1802.6)

Soil classification (1802.3)

Excavation, grading and fill (1803)

Load-bearing values (1804)

P

C

Flood loads (1603.1.6, 1612)

N/A

Other loads

Concentrated loads (1607.4)
Partition loads (1607.5)
Impact loads (1607.8)

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

Seismic design category (1616.3)

Basic seismic-force-resisting system (Table 1617.6.2)

Response modification coefficient, R, and deflection amplification factor, Cd (Table 1617.6.2)

Analysis procedure (1616.6, 1617.5)

Design base shear (1617.4, 1617.5.1)

Flood hazard area (1612.3)

Elevation of structure

Concentrated loads (1607.4)

Partition loads (1607.5)

Impact loads (1607.8)

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

Wall panels and veneers/EIFS (1704.10, 1704.12)

Sprayed fire-resistant materials (1704.11)

Quality assurance plan - Seismic/Wind (1705, 1706)

Seismic resistance (1707)

Structural testing/Observations (seismic) (1708, 1709)

Testing (other) (1710 - 1715)

Footings and foundations (1805)

Retaining walls (1806)

Dampproofing and waterproofing (1807)

Foundations (other types) (1808 - 1812)

INTERIOR ENVIRONMENT (Chapter 12)

Ventilation openings (1203)

Temperature control (1204)

Lighting (1205)

Yards or courts (1206)

Sound transmission (1207)

Interior space dimensions (1208)

Access to unoccupied spaces (1209)

Surrounding materials (1210, 2509)

BUILDING ENVELOPE (Chapters 13*, 14, 15)

*See Energy Conservation Code Plan Review Record

EXTERIOR WALLS (Chapter 14)

Performance requirements (1403)

Materials (1404)

Exterior wall coverings/MCM's (1405, 1407)

Combustible material restrictions (1406)

ROOF ASSEMBLIES AND ROOFTOP STRUCTURES (Chapter 15)

Weather protection (1503)

Flashing (1503.2, 1507.2.9, 1507.3.9, 1507.5.6, 1507.7.6, 1507.8.7, 1507.9.8)

Performance requirements (1504)

Fire classification (1505)

Materials (1506)

Roof coverings (1507)

Roof insulation (1508)

Rooftop structures (1509)

Reroofing (1510)

STRUCTURAL SYSTEMS (Chapters 16, 17, 18)

STRUCTURAL DESIGN (Chapter 16)

STRUCTURAL DESIGN CALCULATIONS

Submitted for all structural members (106.1, 106.1.1)

DESIGN LOADS ON CONSTRUCTION DOCUMENTS (1603)

Uniformly distributed floor live loads (1603.1.1, 1607)

Floor Area Use

Loads Shown

Live load reduction (1603.1.1, 1607.9, 1607.10)

Roof live loads (1603.1.2, 1607.11)

Roof snow loads (1603.1.3, 1608)

Ground snow load, Pg (1608.2)

If Pg > 10 psf, flat-roof snow load, Pf (1608.3)

If Pg > 10 psf, snow exposure factor, Ce (Table 1608.3.1)

If Pg > 10 psf, snow load importance factor, Is (Table 1604.5)

Roof thermal factor, Ct (Table 1608.3.2)

Sloped roof snowload, Ps (1608.4)

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

CONCRETE (Chapter 19)

_____ Plain and reinforced concrete design/construction standard specified (1901.2, 1908)	_____ Hot weather and cold weather curing specified (1905.12, 1905.13)
_____ Construction documents (1901.4)	_____ Seismic design (1910)
_____ Minimum concrete strength (Table 1904.2.2[2])	_____ Slab provisions (1911)

MASONRY (Chapter 21)

_____ Design method, construction standard specified (2101.2)	_____ Cold weather and hot weather construction specified (2104.3, 2104.4)
_____ Construction documents (2101.3)	_____ Seismic design (2106)
_____ Construction materials (2103)	_____ Glass unit masonry (2110)
_____ Mortar type (2103.7)	_____ Fireplaces/Heaters/Chimneys (2111, 2112, 2113)

STEEL (Chapter 22)

_____ Structural steel design/construction standard specified (2205)	_____ Cold-formed steel design/construction standard specified (2209)
_____ Open-web steel joist design/construction standard specified (2206)	_____ Light framed cold-formed steel design/construction standard specified (2210)
_____ Steel cable structures (2207)	_____ Wind/seismic design of light-framed, cold-formed steel shear walls (2211)
_____ Steel storage racks (2208)	

WOOD (Chapter 23)

_____ Design method option used (2301.2)	_____ Heavy timber construction (2304.10)
_____ MATERIAL STANDARDS / CONSTRUCTION REQUIREMENTS (2303 - 2306)	_____ Shear walls and diaphragms (2305, 2306)

CONVENTIONAL LIGHT-FRAME CONSTRUCTION (2308)

_____ Lumber (2303.1.1)	_____ Limitations satisfied (2308.2)
_____ Wood I-joists (2303.1.2)	_____ Wind/Seismic requirements (2308.2.1, 2308.2.2, 2308.11, 2308.12)
_____ Glue laminated timbers (2303.1.3)	_____ Braced walls (2308.3, 2308.9.3)
_____ Wood structural panels (2303.1.4, 2304.6, 2304.7)	_____ Foundation anchorage (2308.3.3, 2308.6)
_____ Fiber-, hard-, & particle-, boards (2303.1.5 - 2303.1.7)	_____ Floor joists (Tables 2308.8[1], 2308.8[2])
_____ Decay and termite protection (2303.1.8, 2304.11)	_____ Wall studs (Table 2308.9.1)
_____ Structural composite lumber (2303.1.9)	_____ Girders (Tables 2308.9.5, 2308.9.6)
_____ Fire-retardant-treated wood (2303.2)	_____ Ceiling joists (Tables 2308.10.2[1], 2308.10.2[2])
_____ Hardwood plywood (2303.3)	_____ Roof rafters (Tables 2308.10.3.[1] - 2308.10.3[6])
_____ Metal plate connected trusses (2303.4)	_____ Roof uplift (2308.10.1)
_____ Joist hangers and connectors (2303.5)	
_____ Fasteners and fastening (2303.6, 2304.9, Table 2304.9.1)	

NONSTRUCTURAL MATERIALS (Chapters 24, 25, 26)

GLASS AND GLAZING (Chapter 24)

_____ Sloped glazing and skylights (2405)	_____ Safety glazing (2406, 2407, 2408, 2409)
---	---

GYPSUM BOARD AND PLASTER (Chapter 25)

_____ Gypsum board materials (2506, Table 2506.2)	_____ Plaster (2507, 2508, 2510 - 2513)
---	---

PLASTIC (Chapter 26)

_____ FOAM PLASTIC INSULATION (2603)	_____ Special approval (2603.8)
_____ Labeling (2603.2, 2603.5.6)	_____ MISCELLANEOUS PLASTICS
_____ Surface-burning characteristics (2603.3, 2603.5.4)	_____ Interior finish and trim (2604)
_____ Thermal barrier (2603.4)	_____ Plastic veneer (2605)
_____ Exterior walls/Roofs (2603.5, 2603.6)	_____ Light-transmitting plastics (2606 - 2611)

BUILDING SERVICES* (Chapters 27, 28, 29, 30)

ELEVATORS AND CONVEYING SYSTEMS (Chapter 30)

_____ Construction standard specified (3001.2)	_____ Hoistway venting (3004)
_____ Hoistway enclosures (3002)	_____ Conveying systems (3005)
_____ Opening protectives (3002.1.1)	_____ Machine rooms (3006)
_____ Emergency operations (3003)	

* Also see Electrical (Ch.27), Mechanical (Ch.28) and Plumbing (Ch.29) Plan Review Records

SPECIAL DEVICES AND CONDITIONS (Chapters 31, 34)

SPECIAL CONSTRUCTION (Chapter 31)

_____ Membrane structures (3102)	_____ PEDESTRIAN WALKWAYS AND TUNNELS (3104)
_____ Awnings and canopies/Marquees (3105, 3106)	_____ Construction and use (3104.3, 3104.4)
_____ Signs (3107)	_____ Separation (3104.5, 3104.10)
_____ Radio and television towers (3108)	_____ Public way (3104.6)
_____ Swimming pool enclosures (3109)	_____ Egress/Ventilation (3104.7 - 3104.9, 3104.11)

EXISTING STRUCTURES (Chapter 34)

_____ Additions, alterations, repairs (3403)	_____ Accessibility (3409)
_____ Fire escapes (3404)	_____ Compliance alternatives (3410)
_____ Change of occupancy (3406)	

BUILDING EVALUATION SUMMARY (Table 3410.7)

Existing occupancy _____	Proposed occupancy _____
Year building was constructed _____	Number of stories _____ Height in feet _____
Type of construction _____	Area per floor _____
Percentage of frontage _____ %	Corridor wall rating _____
Completely suppressed: Yes _____ No _____	Required door closers: Yes _____ No _____
Compartmentation: Yes _____ No _____	
Firerescistance rating of vertical opening enclosures _____	
Type of HVAC system _____	serving number of floors _____
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 occupancies: Yes _____ No _____

Safety parameters	Fire safety (FS)	Means of egress (ME)	General safety (GS)
3410.6.1 Building height			
3410.6.2 Building area			
3410.6.3 Compartmentation			
3410.6.4 Tenant and dwelling unit separations			
3410.6.5 Corridor walls			
3410.6.6 Vertical openings			
3410.6.7 HVAC systems			
3410.6.8 Automatic fire detection			
3410.6.9 Fire alarm system			
3410.6.10 Smoke control	****		
3410.6.11 Means of egress	****		
3410.12 Dead ends	****		
3410.13 Max. exit access travel distance	****		
3410.6.14 Elevator control			
3410.6.15 Means of egress emergency lighting	****		
3410.6.16 Mixed occupancies		****	
3410.6.17 Automatic sprinklers		+ 2 =	
3410.6.18 Incidental use area protection			
Building score — total value			

**** No applicable value to be inserted.

BUILDING SAFETY EVALUATION SCORE (Table 3410.9)

Formula	Table 3410.7	Table 3410.8	Score	Pass	Fail
FS-MFS ≥ 0	_____ (FS)	_____ (MFS)	= _____	_____	_____
ME-MME ≥ 0	_____ (ME)	_____ (MME)	= _____	_____	_____
GS-MGS ≥ 0	_____ (GS)	_____ (MGS)	= _____	_____	_____

FS = Fire Safety	MFS = Mandatory Fire Safety
ME = Means of Egress	MME = Mandatory Means of Egress
GS = General Safety	MGS = Mandatory General Safety

APPENDICES A - J

Appendices adopted (101.2.1)

Compliance verified