

NYS UNIFORM FIRE PREVENTION AND BUILDING CODE
COMMERCIAL & MULTIPLE DWELLING OCCUPANCIES

NYS BUILDING CODE (B)
 NYS FIRE CODE (F)
 NYS PLUMBING CODE (P)
 NYS MECHANICAL CODE (M)
 NYS FUEL GAS CODE (FG)
 NYS ENERGY CODE (E)

Date:
 Reviewer:
 Building:
 Location:

No	Topic	Section	Req'd or Allowed	Actual
1	Occupancy	B-302		
2	Type of Construction	B-Table 601		
3	Height & Bldg Area Tabular Area Stories allowed Tabular Height	B-503 B-Table 503		
4	Height Modifications Tabular Height (feet) Tabular Height (story) Increase Allowed Total Height Allowed	B-504	Sprinkler	
5	Area Modifications (See work sheet) Area increase formula Frontage B-506.2 (P) perimeter of bldg (F) frontage of bldg (W) average space Sprinkler Single story Multi story Total Area Allowed	B-506 Eq 5-1 Eq 5-2 B-506.3	 300% 200%	

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6	Atriums Definition Sprinkler Protection Smoke Control Enclosure Auto Fire Detection Interior Finish Travel Distance	B- 404 B- 404.1.1 B- 404.3 B- 404.4 B- 404.5 B- 404.6 B- 404.8 B- 404.9		
7	Distance Separation Exterior Wall Openings	B-Tbl 602 B-Tbl 704.8		
8	Fire Rated Const'n Incidental Use Areas Accessory Occupancy Mixed Occupancy Non-separated Separated Fire Walls Fire Barrier Shaft Enclosure Fire Partition Smoke Barriers Opening Protectives Fire Blocking Draft Stopping Interior Finishes	B-302.1 B-Tbl 302.1.1 B-302.2 302.3 302.3.1 B-Tbl 302.3.2 B-705 B-706 B-707 B-708 B-709 B Tbl 715.2 B-717 B-717.3 B-Tbl 803.4		
9	Interior Environment Ventilation Light Min. Rm. Dimensions Min. Ceiling Height	B-1203.1 B-1205.1 B-1208.1 B-1208.2		

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10	Exits - Occupant Load Egress Width (per occupant) Number of Exits Spaces with one Buildings with one Ceiling Height Egress Illumination Exit Signs - where	B Tbl 1004.1.2 B- 1005.1 B Tbl 1018.1 B Tbl 1014.1 B Tbl 1018.2 B- 1003.2 B- 1006.1 B- 1011.1		
11	Egress Components <u>Doors</u> Door Size Door Swing Operation (locks) Panic Hardware <u>Stairs</u> Width Headroom Tread /Riser Vertical Rise Handrails	 B- 1008.1.1 B- 1008.1.2 B- 1008.1.8 B- 1008.1.9 B-1009.1 B-1009.2 B-1009.3 B-1009.6 B-1009.11		
12	Exit Access Remoteness <u>Travel Distance</u> <u>Corridors</u> Fire Rating Width Dead ends	B-1014.2 B-1015.1 Tab 1015.1 B-1016.1 Tab 1016.1 B-1016.2 B-1016.3		
13	Exterior Wall Coverings Combustible Finishes	B-Tbl 1405.2 B-Tbl 1406.2		

No	Topic	Section	Req'd or Allowed	Actual
14	Roof Assemblies Installation by Material type	Chapt 15 B-1507		

15 Structural Documentation 1603.1					
	Topic	Information required	Designer documentation	Local conditions	
	1603.1.1 Floor Live	Uniform distributed Concentrated Impact Reductions?		Table 1607.1 1607.8 1607.9	
	1603.1.2 Roof live				
	1603.1.3 Roof snow	Ground snow P_g Flat roof P_f Exposure C_e Importance I Thermal C_t		Fig 1608.2 $P_f = .7 P_f C_e I C_t$ Tab 1608.3.1 Tab 1604.5 Tab 1608.3.2	
	1603.1.4 Wind loads	Wind speed Importance I Exposure Internal pressure Components, Cladding		Fig 1609 Tab 1604.5 1609.4	

	<p>1603.1.5 Earthquake design</p>	<p>Importance Factor and Seismic Use group</p> <p>S_s and S_1</p> <p>Soils/Site Class</p> <p>S_{ds} and S_{d1}</p> <p>Seismic Design Category</p> <p>Force resisting system</p> <p>Design base shear</p> <p>Response coefficient(s), CS</p> <p>Response factor(s), R</p> <p>Analysis procedure</p>		<p>Table 1604.5</p> <p>Zip _____</p> <p>S_s _____</p> <p>S_1 _____</p> <p>SDC per Tab's 1616.3(1)&(2)</p> <p>Completed by CEO</p> <table border="1" data-bbox="1089 485 1484 1409"> <thead> <tr> <th rowspan="2">Site</th> <th rowspan="2">S_{ds} / S_{d1}</th> <th colspan="3">SDC</th> </tr> <tr> <th>I</th> <th>II</th> <th>III</th> </tr> </thead> <tbody> <tr> <td rowspan="2">A</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td rowspan="2">B</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td rowspan="2">C</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td rowspan="2">D</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td rowspan="2">E</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Site	S_{ds} / S_{d1}	SDC			I	II	III	A									B									C									D									E								
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	<p>1603.1.6 Flood load</p>	<p>Flood Hazard Y/N</p> <p>Refer to 1603.1.6 for elevation requirements</p>		<p>FIRM/FBFM map date</p>																																																					
	<p>1603.1.7 Special loads</p>																																																								

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16	Swimming Pools	B-3109		
17	Electrical Exit Signs Emergency Lights Emergency Power	B-1011.1 B-1006.1 B-1006.33		
18	H/C ACCESS Exempt Buildings Route Entrance Parking # of Dwelling Units # of Sleeping Rooms Toilet Facilities Service Counters Supplemental Requirements	B-1103.2 B-1104.1 B-1105.1 B-Tbl 1106.1 B-1107.6 B-Tbl-1107.6.1.1 B-1109.2 B-1109.12.3 Appendix E		
19	Fire Protection Eq'p Sprinkler Systems Extinguishing Systems Standpipe Systems Fire Extinguishers Fire Alarm Systems Smoke Alarms Hi-Rise Fire Safety Visible Alarms Smoke Control Smoke Vents Kitchen Hood Ext' Supervisory Service	F-903 F-904 F-905 F-906 F-907 F-907.2.10 F-907.2.12 F-Tbl 907.10.1 B-Tbl 907.9.1 F-909 F-910 F-609.8 F-901.9 B-901.6		

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20	<p>Plumbing Code</p> <p><u>Fixture Count</u></p> <p><u>Water Supply</u> Pipe Freezing Service Pipe Size Fixture Pipe Size Pipe Material Pipe Insulation Lawn Irrigation</p> <p><u>Sanitary Drainage</u> DWV Pipe Material Drain Fixture Units Bldg Drain Sizes Stack and Branch size Vent Size Pipe Hangers Air Admittance Valves</p>	<p>P-Tbl 403.1</p> <p>P-305.6 P-603.1 P-Tbl 604.5 P-Tbl 605.4 Energy Code P-608.16.5</p> <p>P-702 P-Tbl 709.1 P-Tbl 710.1(1) P-Tbl 710.1(1) P-Tbl 910.4 P-Tbl 308.5 P-917</p>		
21	<p>Mechanical Code</p> <p>Ventilation Rates Propane Ventilation Dryer Exhaust Kitchen Exhaust Kitchen Hoods Kitchen Make-Up Air Chimney Termination Air Plenums Fire & Smoke Dampers Combustion Air Confined Spaces–Def.</p>	<p>M-Tbl 403.3 M-502.9.10.1 M-504 M-506 M-507 M-508 M-Tbl 511.2 M-602 M-607.5.1 M-701 M-202</p>		

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22	Fuel Gas Code Appliance Location Combustion Air Clearance to Combust. Pipe Material Shut Off Valves Chimney Termination Gas Vent Termination Exit Terminal Location Clothes Dryer Exhaust Unvented Room Heater	FG-303 FG-304 FG-Tbl 308.2 FG-403 FG-409 FG-Fig. 503.5.4 FG-Fig. 503.6.6 FG-503.8 FG-614 FG-621		
23	Energy Code Building Envelope Mechanical System Service Water Heating Lighting and Power Total Building Perf'	E-802 or ASHRAE E-803 or ASHRAE E-804 or ASHRAE E-805 or ASHRAE E-806		

