

**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  | <b>Occupancy</b>  | B-302  |  |        |
| 2  | <b>Type of Construction</b>   | B-Table 601  |  |        |
| 3  | <b>Height &amp; Bldg Area</b><br>Tabular Area<br>Stories allowed<br>Tabular Height  | B-503<br>B-Table 503                                 |  |        |
| 4  | <b>Height Modifications</b><br>Tabular Height (feet)<br>Tabular Height (story)<br>Increase Allowed<br><br><b>Total Height Allowed</b>   | B-504  | Sprinkler                                |        |
| 5  | <b>Area Modifications</b><br>(See work sheet)<br>Area increase formula<br><br>Frontage B-506.2<br>(P) perimeter of bldg<br>(F) frontage of bldg<br>(W) width, open space<br><br>Sprinkler<br>Single story<br>Multi story<br><br><b>Total Area Allowed</b> | B-506<br><br>Eq 5-1<br><br>Eq 5-2<br><br><br>B-503.3 | <br><br><br><br><br><br><br>300%<br>200% |        |

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| 6  | <b>Atriums</b><br>Definition<br>Sprinkler Protection<br>Smoke Control<br>Enclosure<br>Auto Fire Detection<br>Interior Finish<br>Travel Distance  | B- 404<br><br>B- 404.1.1<br>B- 404.3<br>B- 404.4<br>B- 404.5<br>B- 404.6<br>B- 404.8<br>B- 404.9   |                  |        |
| 7  | <b>Distance Separation</b><br>Exterior Wall Openings   | B-Tbl 602<br>B-Tbl 704.8   |                  |        |
| 8  | <b>Fire Rated Const'n</b><br>Incidental Use Areas<br><br>Accessory Occupancy<br><br>Mixed Occupancy<br><br>Fire Walls<br><br>Fire Barrier<br><br>Shaft Enclosure<br><br>Fire Partition<br><br>Smoke Barriers<br><br>Opening Protectives<br><br>Fire Blocking<br>Draft Stopping<br><br><b>Interior Finishes</b> | B-Tbl 302.1.1<br><br>B-302.2<br><br>B-Tbl 302.3.3<br><br>B-705<br><br>B-706<br><br>B-707<br><br>B-708<br><br>B-709<br><br>B Tbl 714.2<br><br>B-716<br>B-716.3<br><br>B-Tbl 803.4 |                  |        |
| 9  | <b>Interior Environment</b><br>Min. Rm. Dimensions<br>Min. Ceiling Height<br><br>Ventilation<br>Light  | B-1207.1<br>B-1207.2<br><br>B-1202.1<br>B-1204.1   |                  |        |

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| 10 | <b>Exits - Occupant Load</b><br><br>One Exit Permitted<br><br>Egress Width<br>(per occupant)<br>Ceiling Height<br><br>Exit Signs<br><br>Egress Illumination  | B Tbl 1003.2.2<br><br>B Tbl 1005.2.2<br><br>B- 1003.2.3<br><br>B- 1003.2.4<br><br>B- 1003.2.10<br><br>B- 1003.2.11                                    |                  |        |
| 11 | <b>Egress Components</b><br><br><u>Doors</u><br>Door Size<br>Door Swing<br>Locks / Latches<br>Panic Hardware<br><br><u>Stairs</u><br>Width<br>Headroom<br>Tread /Riser<br>Vertical Rise<br>Handrails | B- 1003.3.1.1<br>B- 1003.3.1.2<br>B- 1003.3.1.8<br>B- 1003.3.1.9<br><br>B-1003.3.3.1<br>B-1003.3.3.2<br>B-1003.3.3.3<br>B-1003.3.3.6<br>B-1003.3.3.11 |                  |        |
| 12 | <b>Exit Access</b><br>Remoteness<br><u>Travel Distance</u><br><br><u>Corridors</u><br>Fire Rating<br>Width<br>Dead ends  | B-1004.2.2.1<br>B-1004.2.4<br><br>B-1004.3.2.1<br>B-1004.3.2.2<br>B-1004.3.2.3  |                  |        |
| 13 | <b>Exterior Wall</b><br>Coverings<br>Combustible Finishes  | B-Tbl 1405.2<br>B-Tbl 1406.2  |                  |        |
| 14 | <b>Roof Assemblies</b><br><br>Material type(s)   | Chapt 15  |                  |        |

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| 15 | <b>Structural</b><br>Snow Load - Ground<br>Snow Load - Roof<br><i>(calc.)</i><br>Drifting Snow<br>Ponding<br><br>Floor Loading<br>Balcony Loading<br><br>Flood Plain<br><br>Wind Loading<br><br>Seismic Loading <i>(calc.)</i><br>Foundation Depth | B Fig 1608.2<br>ASCE 7-98<br><br>B-1608.7<br>B-1608.3.5<br><br>B Tbl 1607.1<br>B-Tbl 1607.1<br><br>B-1603.1.6<br><br>B-1609<br><br>B-1614<br><br>B-1805.2 |                  |        |
| 16 | <b>Swimming Pools</b>  | B-3109  |                  |        |
| 17 | <b>Electrical</b><br><br>Exit Signs<br>Emergency Lights<br>Emergency Power   | B-1003.2.10<br>B-1003.2.11<br>B-1003.2.11.2   |                  |        |
| 18 | <b>H/C ACCESS</b><br>Exempt Buildings<br>Parking<br>Route<br>Entrance<br># of Sleeping Rooms<br># of Dwelling Units<br>Toilet Facilities<br>Service Counters<br>Supplemental<br>Requirements   | B-1104.4<br>B-Tbl 1106.1<br>B-1104.1<br>B-1105.1<br>B-Tbl-1107.6.1.1<br>B-1107.6.2<br>B-1109.2<br>B-1109.12.3<br>Appendix E                               |                  |        |

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| 19 | <b>Fire Protection Eq'p</b><br>Sprinkler Systems<br><br>Extinguishing Systems<br><br>Standpipe Systems<br><br>Fire Extinguishers<br><br>Fire Alarm Systems<br><br>Smoke Detection<br><br>Hi-Rise Fire Safety<br><br>Visible Alarms<br><br>Smoke Control<br>Smoke Vents<br>Fire Pumps<br>Kitchen Hood Ext'  | F-903<br><br>F-904<br><br>F-905<br><br>F-906<br><br>F-907<br><br>F-907<br><br>F-907.2.12<br><br>F-Tbl 907.10.1.2<br><br>F-909<br>F-910<br>F-913<br>F-609.8                     |                  |        |
| 20 | <b>Plumbing Code</b><br><br><u>Fixture Count</u><br><br><u>Water Supply</u><br>Service Pipe Size<br>Fixture Pipe Size<br>Pipe Material<br>Labor Law Art. 10-A<br>Pipe Insulation<br>Lawn Irrigation<br>Pipe Freezing<br><br><u>Sanitary Drainage</u><br>Drain Pipe Size<br>Drain Pipe Material<br>Vent Size<br>Pipe Hangers<br>Air Admittance Valves | P-Tbl 403.1<br><br><br>P-603<br>P-603.1<br>P-Tbl 604.5<br>NYS-904.6<br>Energy Code<br>P-608.16.5<br>P-305.6<br><br>P-Tbl 709.1<br>P-702<br>P-Tbl 910.4<br>P-Tbl 308.5<br>P-917 |                  |        |

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| 21 | <b>Mechanical Code</b><br>Ventilation Rates<br>Propane Below Grade<br>Dryer Exhaust<br>Kitchen Exhaust<br>Kitchen Hoods<br>Kitchen Make-Up Air<br>Chimney Termination<br>Air Plenums<br>Fire & Smoke Dampers<br>Combustion Air<br>Confined Spaces–Def. | M-Tbl 403.3<br>M-502.8.10.1<br>M-504<br>M-506<br>M-507<br>M-508<br>M-Tbl 511.2<br>M-602<br>M-607.5.1<br>M-701<br>M-202     |                  |        |
| 22 | <b>Fuel Gas Code</b><br>Appliance Location<br>Combustion Air<br>Clearance to Combust.<br>Pipe Material<br>Shut Off Valves<br>Chimney Termination<br>Gas Vent Termination<br>Exit Terminal Location<br>Clothes Dryer Exhaust<br>Unvented Room Heater    | FG-303<br>FG-304<br>FG-Tbl 308.2<br>FG-403<br>FG-409<br>FG-Fig. 503.5.4<br>FG-Fig. 503.6.6<br>FG-503.8<br>FG-613<br>FG-620 |                  |        |
| 23 | <b>Energy Code</b><br>Chapter 7 (ASHRAE)<br>Chapter 8<br>Building Envelope<br>Mechanical System<br>Service Water Heating<br>Lighting and Power<br>Total Building Perf  | E-701<br><br>E-802<br>E-803<br>E-804<br>E-805<br>E-806   |                  |        |



