|  |  |
| --- | --- |
| **Date:** | **Revised Date:** |
| **Campus/Facility:**  | **Client:**  |
| **Address:**  |
| **Building Name(s):**  | **Building Number(s):**  |
| **Project Title:** |
| **Architect/Engineer:**  |
| **Project Number:**  | **Estimated Project Cost:** |
| **Occupancy Classification(s):** | **Construction Classification:**  |
| **Project Type:****Check all that apply.** | **[ ]  New Building****[ ]  Renovation/Alteration****[ ]  Change of Occupancy** | **[ ]  Addition****[ ]  Historic Building** |  |  |
| **Work Involved:** | **[ ]  General Construction** | **[ ]  Structural** | **[ ]  Site Work** |
| **Check all that apply.** | **[ ]  Roofing** | **[ ]  Mechanical** | **[ ]  Sprinkler** |
|  | **[ ]  Asbestos Abatement/Environmental** | **[ ]  Plumbing** | **[ ]  Elevators** |
|  | **[ ]  Fire Alarm** | **[ ]  Electrical** | **[ ]  Other** |
| **Statement of Special Inspections Required: [ ]** Yes **[ ]** No |
| **Comments:** |

|  |
| --- |
| **LEGEND: NA:** ***Not Applicable*, NR: *Not Required*, NP: *Not Permitted*** **FC: *Fire Code*, PC: *Plumbing Code*, MC: *Mechanical Code*, FGC: *Fuel Gas Code*, NYCECC: *Energy Conservation Code***  |
| **No** | **Topic** | **Building Code Section (unless otherwise noted)** | **Required/ Allowed** | **Actual** | **Comment** |
| **1** | **Fire Apparatus Access Road** | FC503.1 |       |       |       |
| **2** | **High Rise Buildings** | 403 |       |       |       |
|  | Construction | 403.2 |  |  | Indicate any reduction in Fire Ratings below |
|  | Modification in Fire Rating | 403.2.1 |       |       |       |
|  | Structural Integrity of Exit Stairway and Elevator Hoistway Enclosures | 403.2.3 |       |       |      Provide Information for Risk Category III or IV and for all Buildings more than 420 ft. in height.  |
|  | Sprayed Fire-Resistant Materials | 403.2.4 |       |       |      Indicate Bond Strength. |
|  | Sprinkler Protection | 403.3 |       |       |       |
|  | Water supply to required Fire Pumps | 403.3.2, Appendix Q |       |       |       Indicate number of Water Supplies. |
|  | Secondary Water Supply | 403.3.3 |       |       |       |
|  | Emergency Systems | 403.4 |       |       |       |
|  | Smoke Detection & Fire Alarm System | 403.4.1, 403.4.2 |       |       |       |
|  | Standpipe System | 403.4.3 |       |       |       |
|  | Emergency Voice/Alarm Communication System | 403.4.4 |       |       |       |
|  | Emergency responder radio coverage | 403.4.5 |       |       | **[ ]** Wired  **[ ]** Radio **[ ]** Other      |
|  | Fire Command Center | 403.4.6 |       |       |       |
|  | Post-Fire Smoke Purge  | 403.4.7 |       |       |       |
|  | Standby & Emergency Power | 403.4.8 |       |       |       |
|  | Means of Egress: Remote-ness of Exit Stairways | 403.5; 403.5.1 |       |       |       |
|  | Smokeproof Enclosures | 403.5.4 |       |       |       |
|  | Luminous Egress Path Markings | 403.5.5 |       |       |       |
|  | Elevators | 403.6 |       |       | **[ ]** Fire Service Access **[ ]** Occupant Evacuation      |
|  | Outdoor Air Intakes | 403.7 |       |       |       |
| **3** | **Atriums** | 404 |       |       |       |
|  | Automatic Sprinkler Protection | 404.3 |       |       |       |
|  | Fire Alarm System | 404.4 |       |       |       |
|  | Smoke Control | 404.5 |       |       |       |
|  | Enclosure of Atriums | 404.6 |       |       |       |
|  | Standby Power | 404.7 |       |       |       |
|  | Exit Access Travel Distance | 404.9 |       |       |       |
| **4** | **Stages & Platforms** | 410 |  |  |  |
|  | Proscenium Curtain | 410.3.5 |       |       | Indicate Type of Protection:**[ ]** Proscenium Curtain**[ ]** Deluge Sprinkler System |
|  | Voice/Alarm Communication System | 410.9 |       |       |       |
| **5** | **Hazardous Materials Control Areas** | 414.2 |       |       | Provide additional information indicating number, size, materials stored, and quantity of each material.  |
| **6** | **Groups I-1, R-1, R-2, R-3** | 420 |  |  |  |
|  | Dwelling and Sleeping Unit Separation | 420.2 |  |  |  |
|  | Dwelling and Sleeping Unit Horizontal Separation  | 420.3 |  |  |  |
|  | Automatic Sprinkler System | 420.5 |  |  |  |
|  | Fire Alarm Systems and Smoke Alarms | 420.6 |  |  |  |
| **7** | **Nonproduction Chemical Laboratories** | 427 |  |  |  |
|  | Fire Protection Systems | 427.6 |       |       |       |
|  | Ventilation | 427.10 |       |       |       |
| **8** | **Building Area & Height** | 501 |  |  | Provide information in Attachment 1. Use link below.  |
| **9** | **Mixed Use and Occupancy**  | 508  |       |       | Provide analysis.  |
|  | Accessory Occupancies | 508.2 |       |       |       |
|  | Nonseparated Uses | 508.3 |       |       |       |
|  | Separated Uses (Ratio < 1) | 508.4 |       |       |       |
| **10** | **Incidental Uses** | 509 |       |       |       |
| **11** | **Types of Construction** | 601 |  |  | Provide analysis. |
|  | Fire-Resistance Rating of Building Elements | Table 601 |       |       |       |
|  | Exterior Wall Fire-Resistance Rating | 602.1, Table 602 |       |       |       |
|  | Exterior Fire Separation Distance  | 602.1, Table 602 |       |       |       |
|  | Combustible Material in Types I & II Construction | 603 |       |       |       |
| **12** | **Fire Resistive Construction** | 701.1 |  |  | Provide analysis. |
|  | Marking and Identification | 703.7 |       |       |       |
|  | Column and Primary Structural Frame Protection | 704.2, 704.3 |       |       |       |
|  | Protection of Secondary Members | 704.4 |       |       |       |
|  | Exterior Wall: Allowable Area of Openings: | 705.8 Table 705.8 |  |  |  |
|  |  Protected | 705.8.2 |       |       |       |
|  |  Unprotected | 705.8.3 |       |       |       |
|  | Exterior Wall: Vertical Separation of Openings | 705.8.5 |       |       |       |
|  | Parapets | 705.11 |       |       |       |
|  | Fire Walls | 706 |       |       |       |
|  | Party Walls | 706.1.1 |       |       |       |
|  | Fire Barriers | 707 |       |       |       |
|  | Fire Partitions | 708 |       |       |       |
|  | Smoke Barriers | 709 |       |       |       |
|  | Smoke Partitions | 710 |       |       |       |
|  | Floor & Roof Assemblies | 711 |       |       |       |
|  | Vertical Opening | 712 |       |       |       |
|  | Shaft Enclosures | 713 |       |       |       |
|  | Penetrations | 714 |       |       |       |
|  | Fire-Resistant Joint System | 715 |       |       |       |
|  | Opening Protectives | 716 |       |       |       |
|  | Fire Doors in Corridors / Smoke and Draft Control | 716.1 / 716.2 |       |       |       Required fire-rated corridor doors must also meet the requirements for smoke and draft control in section 716.2.2.1.1. Per 716.2.9.3 this requires S labels. |
|  | Ducts and Air Transfer Openings | 717 |       |       |       |
|  | Concealed Spaces | 718 |       |       |       |
|  | Prescriptive Fire Resistance | 721 |       |       |       Provide Specific item numbers from Tables |
|  | Calculated Fire Resistance | 722 |       |       |       Provide Specific Components and Calculations |
| **13** | **Interior Finishes, trim and decorative materials** | 801.1 |  |  | Provide analysis. |
|  | Wall & Ceiling: Exits | 803.1Table 803.11 |       |       |       |
|  | Wall & Ceiling: Corridors | 803.1, Table 803.11 |       |       |       |
|  | Wall & Ceiling: Rooms and Enclosed Spaces | 803.1Table 803.11 |       |       |       |
|  | Interior Floor Finish | 804 |       |       |       |
|  | Decorative Materials/Trim | 806.1 |       |       |       Percentage of combustible decorative materials |
| **14** | **Fire Protection Systems** | 901.1, 901.2 |  |  |       |
|  | Prior Code Buildings – Value of Alterations | 901.9.4 |       |       | Value of Alteration: **[ ]  <** 30%  **[ ]** 30-60% **[ ]  >** 60% |
|  | Automatic Sprinkler System | 903, App. Q |       |       | Indicate Type of Sprinkler System**[ ]** NFPA 13 **[ ]** NFPA 13R **[ ]** NFPA 13D      |
|  | Secondary Water Supply | 903.3.5.2 |  |  |       |
|  | Painting of Sprinkler Pipe | 903.6 |  |  |       |
|  | Alternative Automatic Fire Extinguishing System | 904 |       |       |       |
|  | Standpipe System | 905 |       |       |       |
|  | Painting of Standpipe  | 905.11 |  |  |  |
|  | Portable Fire Extinguishers | 906 |       |       |       |
|  | Fire Alarm System | 907, App. Q |       |       | Indicate Type of Fire Alarm System**[ ]** Addressable  **[ ]** Conventional (zoned)      |
|  | Smoke Detection System | 907 |       |       |       |
|  | Emergency Voice/Alarm Communication System | 907.5.2.2 |       |       |       |
|  | Occupant Notification Systems | 907.5 |       |       |      Indicate the number accessible and hearing-impaired rooms to be provided with visual appliances |
|  | Carbon Monoxide Systems | 908.7 |       |       |       |
|  | Medical Gas Alarm | 908.9 |       |       |       |
|  | Smoke Control Systems | 909 |       |       |       |
|  | Smokeproof Enclosure/ Stair Pressurization | 909.20 |       |       |       |
|  | Fire Command Center | 911 |       |       |       |
|  | Fire Department Connection | 912 |       |       | Location shall be approved by FDNY      |
|  | Fire Pumps | 913 |       |       |       |
|  | Shaftway Markings | 914.1 |  |  |  |
|  | Equipment room identification | 914.2 |       |       |       |
|  | Carbon Monoxide Detection | 915/FC915 |       |       | Indicate the Type of CO Detection**[ ]** Independent CO System  **[ ]** CO Alarms **[ ]** CO Detection connected to FACP       |
|  | Fire Dept. In-Building Aux Radio Communication System (ARCS)  | 916 |       |       |       |
|  | Post Fire Smoke Purge | 917.1 |       |       |       |
| **15** | **Means of Egress** | 1001.1 |  |  | Provide information in Attachment 1. Use link below. |
|  | Common Path of Egress | 1006.2.1, Table 1006.2.1 |  |  |  |
|  | Single Exits | 1006.3.2 |       |  |  |
|  | Remoteness of Exits | 1007.1.1 |       |  |  |
|  | Emergency Lighting | 1008.3 |       |       |       |
|  | Accessible Means of Egress | 1009.1 |       |       |       |
|  | Elevator Required | 1009.2.1 |       |       |       |
|  | Elevator accessed from area of rescue assistance  | 1009.4 |       |       |       |
|  | Area of Rescue Assistance | 1009.6 |       |       |       |
|  | Delayed Egress Locks | 1010.1.9.7 |       |       |       |
|  | Release of Electrically Locked Egress Doors | 1010.1.9.8 |       |       |       |
|  | Electromagnetic Locks | 1010.1.9.9 |       |       |       |
|  | Panic and fire exit hardware | 1010.1.10 |       |       |       |
|  | Stairways | 1011.1 |       |       |       |
|  | Ramps | 1012.1 |       |       |       |
|  | Exit Signs | 1013.1 |       |       |       |
|  | Handrails | 1014.1 |       |       |  |
|  | Guards | 1015.1 |       |       |  |
|  | Mechanical Equipment | 1015.6 |       |       |  |
|  | Window Opening Control Devices | 1015.8 |       |       |       |
|  | Exit Access | 1016.1 |       |       |       |
|  | Exit Access Travel Distance | 1017.1 |       |       |       |
|  | Aisles | 1018.1 |  |  |  |
|  | Exit Access Stairways and Ramps | 1019.1 |       |       |       |
|  | Corridor Fire Rating | 1020.1 |       |       |       |
|  | Corridor Width & Capacity | 1020.2 |       |       |       |
|  | Dead End Corridor | 1020.4 |       |       |       |
|  | Egress Balconies | 1021.1 |       |       |       |
|  | Interior Exit Stairways and Ramps Fire Rating | 1023.2 |       |       |       |
|  | Smokeproof Enclosure | 1023.11 |       |       |       |
|  | Exit Passageways | 1024.1 |       |       |       |
|  | Luminous Egress Path Markings | 1025.1 |       |       |       |
|  | Horizontal Exit | 1026.1 |       |       |       |
|  | Exterior Exit Stairs/Ramps | 1027.1 |       |       |       |
|  | Exit Discharge | 1028.1 |  |  |  |
|  | Assembly | 1029.1 |       |       |       |
|  | Emergency Escape/Rescue | 1030.1 |       |       |       |
|  | Signage | 1031.1 |       |       |       |
| **16** | **Accessibility** | 1101.1ICC A117.1(09) |       |       |       |
|  | Accessible Route | 1104.1 |       |       |       |
|  | Accessible Entrance | 1105.1 |       |       |       |
|  | Parking | 1106.1 |       |       |       |
|  | Dwelling & Sleeping Units | 1107.1 |       |       |        |
|  | Toilet and Bathing Rooms | 1109.2 |       |       |       |
|  | Drinking Fountains | 1109.5 |       |       |        |
|  | LULA Elevator/Lifts | 1109.8, 1109.7.1 |       |       |       |
|  | Signage | 1111.1, 1111.2 |       |       |       |
| **17** | **Interior Environment** | 1201 |  |  |       |
|  | Ventilation | 1203.1, 1203.5 |       |       |       |
|  | Unvented Attic & Enclosed Rafter assemblies | 1202.3 |       |       |       |
|  | Light: Natural/Artificial | 1205.2, 1205.3 |       |       |       |
|  | Sound Transmission | 1207 |       |       |       |
|  | Minimum Ceiling Heights | 1208.2 |       |       |       |
|  | Toilet & Bathroom Requirements | 1210 |       |       |       |
| **18** | **Energy Conservation**  | 1301/NYCECC |  |  | Provide information in Attachment 2. Use link below. |
| **19** | **Exterior Walls** | 1401 |   |  |  |
|  | Weather Protection | 1403.2, 1404.2 |       |       |       |
|  | Bird Friendly Materials | 1403.8 |       |       |       |
|  | EIFS | 1408 |       |       |       |
| **20** | **Roof Assembly Fire Classification** | 1505.1 |       |       |       |
|  | Roof Covering | 1503, 1507.1 |       |       |       |
|  | Rooftop Structures | 1510.1 |       |       |       |
|  | Reroofing | 1511 |       |       |       |
|  | Solar Photovoltaic Panels | 1512 |       |       |       |
| **21** | **Structural Requirements** | 1601.1 |  |  | Provide information in Attachment 1. Use link below. |
| **22** | **Foundation** | 1801.1 |  |  | Provide information in Attachment 1. Use link below. |
| **23** | **Safety Glazing** | 2406.1 |       |       |       |
| **24** | **Foam Plastic Insulation** | 2603 |       |       |       |
|  | Thermal Barrier | 2603.4 |       |       |       |
| **25** | **Electrical** | 2701.1 |  |  |  |
|  | Emergency & Standby Pwr | 2702.1 |       |       |       |
|  | Smoke Control Systems | 2702.2.2 |       |       |       |
|  | Exit Signs | 2702.2.3 |       |       |       |
|  | Means of Egress | 2702.2.4 |       |       |       |
|  | Elevator & Platform Lifts | 2702.2.5, 2702.2.17 |       |       |       |
|  | High Rise Building | 2702.2.14 |       |       |       |
| **26** | **Mechanical Systems** | 2801.1 |  |  |       |
|  | Fire & Smoke Dampers | 716.5 |       |       | Refer to 717.5 for specific requirements.  |
|  | Fan Shutdown | MC606.4 |       |       |       |
|  | Combustion Air | MC701.2 & FGC304.1 |  |  |       |
|  | Chimneys, Flues & Gas vents | MC801.1 & FGC501.1 |       |       | Provide diameter of chimney/gas vents.  |
|  | Refrigerant Piping | MC1107 |       |       |       See Code for prohibited locations. |
| **27** | **Plumbing** | 2901.1 |  |  |  |
|  | Minimum Number of Fixtures | 2902.1, PC403.1 |  |  | Provide information in Attachment 1. Use link below. |
|  | Maximum Consumption | PC604.4 |       |       |       |
|  | Water Supply Materials |  |       |       |       |
|  | Available Street Water Pressure |  |       |       |       |
|  | Backflow Preventers | PC608.1 |       |       |       |
|  | Fixture Units | PC709.1 |       |       |       |
|  | House Traps | PC1002.6 |       |       |       |
| **28** | **Elevator & Conveying systems** | 3001.1Appendix K |  |  |  |
|  | Elevator Car sized to accommodate a Stretcher | 3002.4.2 |       |       |       |
|  | Elevator Pit Drains | 3002.9 |       |       |       |
|  | Elevator Fire Fighters Emergency Operation | 3003.2 |       |       |       |
|  | Elevator in Readiness | 3003.3 |       |       |       |
|  | Machine Rooms Fire Rating | 3005.4 |       |       |        |
|  | Lobbies and Hoistway opening protection | 3006.1 |       |       |       |
|  | Fire Service Access | 3007.1 |       |       |       |
|  | Occupant Evacuation | 3008.1 |       |       |       |
|  | Escalators | 3004.2 |       |       |       |

**[ ]** Additional Information – Complete Attachment 1 **[ ]** Energy Conservation Information – Complete Attachment 2

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