|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Campus/Facility:** | | | | | | | **Client:** | | | |
| **(Address):** | | | | | | | | | | |
| **Building Name(s):** | | | | | **Building Numbers:** | | | | | |
| **Project Title:** | | | | | | | | | | |
| **Architect/Engineer:** | | | | | | | | | | |
| **Project Number:** | | | | **Estimated Project Cost:** | | | | | | |
| **Code Enforcement Jurisdiction:  DASNY** | | | **Other:** | | | | | | **Variance Requested:  Yes  No** | |
| **Occupancy Classification(s):** | | | |  | | | | | | |
| A: High Hazard  B-1: Storage (Moderate Hazard)  B-2: Storage (Low Hazard)  C: Mercantile  D-1: Industrial (Moderate Hazard)  D-2: Industrial (Low Hazard)  E: Business  F-1a: Assembly (Theater) | | F-1b: Assembly (Churches, Concert Halls)  F-2: Assembly (Outdoors)  F-3: Assembly (Museums)  F-4: Assembly (Restaurants)  G: Education  H-1: Institutional (Restrained)  H-2: Institutional (Incapacitated)  J-1: Residential (Hotels) | | | | | | J-2: Residential (Apartment Houses)  J-2: Three Family Dwelling  J-3: Residential (1 & 2 Family Houses)  K: Miscellaneous  **Other:** | | |
| **Construction Classification:** (Code Section 27-269) | | | |  | | | | | | |
| Non- Combustible I-A: 4 Hour Protected  I-B: 3 Hour Protected  I-C: 2 Hour Protected  I-D: 1 Hour Protected | | Combustible  II-A: Heavy Timber  II-B: Protected Wood Joist  II-C: Unprotected Wood Joist  II-D: Protected Wood Frame  II-E: Unprotected Wood Frame | | | | | | Old Code  1: Fireproof Structures  2: Fire-protected Structures  3: Non-fireproofed Structures  4: Wood Frame Structures  5: Metal Structures  6: Heavy Timber Structures | | |
| **Project Type:**  **Check all that apply.** | New Building  Repair  Renovation  Alteration | | | | | Reconstruction  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** |

|  |
| --- |
| **A/E DESIGN ANALYSIS AND CODE CHECKLIST**  **LEGEND: FPC:** *Fire Prevention Code,* **NA:** *Not Applicable***, NR:** *Not Required*, **NP:** *Not Permitted* **RS:** *Ref. Standards*, **P:** *Plumbing* |

| **No.** | **Topic** | **Code Section** | **Required** | **Actual** | **Comment** |
| --- | --- | --- | --- | --- | --- |
| **1** | **Energy Conservation:** | **27-122** |  |  |  |
|  | Heating/Combustion Equip. | 27-848.04(e) |  |  |  |
| **2** | **Occupancy Classification:** | **27-237** |  |  |  |
| **3** | Building Access: | **27-291** |  |  |  |
|  | Fire Department Access | 27-291 |  |  |  |
|  | Facilities People Having Physical Disabilities | 27-292.1 (RS4-6 ANSI A117.1-1986) |  |  |  |
| **4** | Area Limitations: | **27-301** |  |  |  |
|  | Height Limitations | 27-305 |  |  |  |
|  | General Projection Limitations | 27-307 |  |  |  |
| **5** | **Prevention of Exterior Fire Spread:** | **27-331** |  |  |  |
|  | Protection of Opening | 27-331(b) |  |  |  |
|  | Parapet Walls | 27-333 |  |  |  |
|  | Roof Coverings | 27-337 |  |  |  |
| **6** | **Finishes:** |  |  |  |  |
|  | Exterior | 27-331 |  |  |  |
|  | Interior | 27-348 |  |  |  |
|  | Finished Flooring And Floor Covering | 27-351 |  |  |  |
| **7** | **Fire Protection Construction Requirements:** | **27-318** |  |  |  |
|  | Fire Resistance Requirements | 27-323 |  |  |  |
|  | Protection of Structural Members | 27-324 |  |  |  |
|  | Elevators | 27-325 |  |  |  |
|  | Lintels | 27-326 |  |  |  |
|  | Ceilings | 27-327 |  |  |  |
|  | Fire Retardant Treated Wood | 27-328 |  |  |  |
|  | Opening Protectives | 27-329 |  |  |  |
|  | Slow Burning Plastic | 27-330 |  |  |  |
| **8** | **Prevention of Interior Fire Spread:** | **27-339** |  |  |  |
|  | Fire Divisions | 27-340 |  |  |  |
|  | Fire Separation | 27-341 |  |  |  |
|  | Shaft/Stair Venting | 27-344 |  |  |  |
|  | Firestopping | 27-345 |  |  |  |
|  | Elevators & Escalators (Vestibules) | 27-353.1  27-353.2 |  |  |  |
|  | Stairs (Impact Resistance – Group E Spaces) | 27-375(i)(6) |  |  |  |
|  | Elevator Lobby (Impact Resistance – Group E Spaces) | 27-987(c)(2) |  |  |  |
| **9** | **Means of Egress:** | **27-354** |  |  |  |
|  | Travel Distance | 27-360 |  |  |  |
|  | Number | 27-365 |  |  |  |
|  | (One exit permitted) | 27-366 |  |  |  |
|  | Dead End Corridor | 27-369(d) |  |  |  |
|  | Corridor Width | 27-369(a) Table 6-1 |  |  |  |
|  | Smoke Stops | 27-369(c) |  |  |  |
|  | Door Width | 27-371(e) Table 6-1 |  |  |  |
|  | Enclosure | 27-271 Table 3-4 |  |  |  |
|  | Panic Hardware | 27-371(k) |  |  |  |
|  | Supplemental Vertical Exits | 27-374 |  |  |  |
|  | Interior Stairs | 27-375 |  |  |  |
|  | Handrails | 27-375(f) |  |  |  |
|  | Openings in Stairs | 27-375(i) |  |  |  |
|  | Photoluminescent Material | 27-383(b) |  |  |  |
|  | Exit Signs | 27-389 |  |  |  |
|  | Exterior Stairs | 27-376 |  |  |  |
| **10** | **Ceiling Height Requirements:** | **27-368** |  |  |  |
|  | Corridors | 27-369(b) |  |  |  |
|  | Exit Passageway | 27-370(c) |  |  |  |
|  | Doors | 27-371(f) |  |  |  |
|  | Interior Stairs | 27-375(c) |  |  |  |
| **11** | **Atriums:** | **27-521.1** |  |  |  |
|  | Construction | 27-521.3 |  |  |  |
|  | Enclosures | 27-521.3 |  |  |  |
|  | Fire Protection | 27-521.4 |  |  |  |
|  | Means of Egress | 27-521.5 |  |  |  |
|  | Smoke Control | 27.521.8 |  |  |  |
| **12** | **Fire Protection Special Hazards/Systems:** |  |  |  |  |
|  | Public Assembly | 27-522 |  |  |  |
|  | Emergency Ventilation (Places of Assembly). | 27-546(b)(8) |  |  |  |
|  | Kitchen Exhaust Hood | 27-777(d) |  |  |  |
|  | Fan Shutdown | 27-777(1) |  |  |  |
|  | Elevator Emergency Operation (Elevator in Readiness) | 27-989 |  |  |  |
|  | List Other Special Systems Below and Provide Required Information. | | | | |
| **13** | **Structural Design Requirements:** | **27-580** |  |  |  |
|  | Design Loads | 27-550 |  |  |  |
|  | Floor | 27-557 |  |  |  |
|  | Snow | 27-561(a)(3) |  |  |  |
|  | Wind | 27-569 |  |  |  |
|  | Storm Drainage | P110.4 |  |  |  |
|  | Foundation | 27-652 |  |  |  |
| **14** | **Glass Panels:** | **27-643** |  |  |  |
| **15** | **Standards For Light:** |  |  |  |  |
|  | Natural | 27-732 |  |  |  |
|  | Artificial | 27-735 |  |  |  |
| **16** | **Mechanical Ventilation, Air Conditioning, and Refrigeration Systems:** | **27-771** |  |  |  |
|  | General Requirements | 27-776 |  |  |  |
|  | Construction | 27-777 |  |  |  |
|  | Smoke Control Requirements | 27-777(1) |  |  |  |
| **17** | **Heating and Combustion Equipment:** | **27-787** |  |  |  |
|  | Enclosure | 27-419 |  |  |  |
|  | Prohibited Locations | 27-792 |  |  |  |
|  | Air Supply | 27-807 |  |  |  |
|  | Safety and relief valves | RS16 - P107.26(e) |  |  |  |
| **18** | **Chimneys / Flues / Gas Vents:** | **27-849** |  |  |  |
|  | Outlet Locations | 27-859 |  |  |  |
|  | Prohibited Use | 27-861(d) |  |  |  |
| **19** | **Plumbing:** | **27-896** |  |  |  |
|  | Fixtures | RS16 - P104.0 |  |  |  |
|  | Materials | RS16 - P102 |  |  |  |
|  | Hot Water Supply | RS16 - P107.26 |  |  |  |
| **20** | **Fire Protection General:** | **27-923** |  |  |  |
|  | Coordinated Fire Safety (Retroactive Requirements For Office Buildings 100’ Or More In Height.) | 27-929.1 |  |  |  |
|  | Standpipe System | 27-932 |  |  |  |
|  | Siamese Connections | 27-940 |  |  |  |
|  | Yard Hydrant System | 27-948 |  |  |  |
|  | Sprinkler System | 27-954 |  |  |  |
|  | Fire Alarm System | 27-968 |  |  |  |
|  | Automatic Vents | 27-972(f)(9) |  |  |  |
|  | Smoke Detection System | 27-978 |  |  |  |
|  | Carbon Monoxide Detectors | 27-981.2 |  |  |  |
| **21** | **Electrical:** | **27-3024 - 2002 NEC** |  |  |  |
|  | Emergency Power | 27-396.4 |  |  |  |
|  | Fire Pump | 27-396.4 |  |  |  |
|  | Elevator | 27-396.4 |  |  |  |
|  | Lighting | 27-396.4 |  |  |  |
|  | Emergency Lighting | 27-542 |  |  |  |
|  | Exit Lights | 27-540 |  |  |  |
|  | Inspection Agency | 27-3018 |  |  |  |

**ADDITIONAL COMMENTS:**