# FIRE PROTECTION REQUIREMENTS

## 2018 APPENDIX B

### BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each "FIRE SEPARATION DETAIL #" and "SHEET # FOR RATED STRUCTURAL DESIGN" will be reproduced on the building plans sheet 1 or 2.

#### DESIGN LOADS:

- **Name of Project:** [SELECT ONE]
- **Existing building envelope complies with code:** [SELECT ONE]
- **Exempt Building:** [SELECT ONE]
- **Snow (IS):** [SELECT ONE] if "Other"; specify source:
- **Wind Load:** [SELECT ONE]
- **Building Description:** [SELECT ONE]
- **Ground Snow Load:** [SELECT ONE]
- **Roof:** [SELECT ONE] psf
- **Roof/ceiling Assembly (each assembly):** [SELECT ONE] psf
- **Mezzanine:** [SELECT ONE] psf
- **U-Value of total assembly:** [SELECT ONE]
- **U-Value of skylight:** [SELECT ONE]
- **U-Value of thermal barrier:** [SELECT ONE]

#### MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

- **Construction Type:** [SELECT ONE]
- **Standpipes:** [SELECT ONE]
- **Fire Alarm:** [SELECT ONE]
- **Special Inspections Required:** [SELECT ONE]
- **FLOOR EXISTING (SQ FT) NEW (SQ FT) SUB-TOTAL**
  - **4th Floor**
  - **3rd Floor**
  - **2nd Floor**
  - **TOTAL**
- **Incidental Uses (Table 509):** [SELECT ONE]
- **FIRE SEPARATION DISTANCE (ft) FROM PROPERTY LINES**
  - **ALLOWABLE AREA (%) ACTUAL SHOWN ON PLANS (%)**
    - **Fire Protection (Table 705.8)**
- **FIRE PROTECTION ALLOWABLE AREA (%) ACTUAL SHOWN ON PLANS (%)**
  - **Fire Protection (Table 705.8)**
  - **Protection (Table 705.8)**
- **FIRE PROTECTION (TABLE 705.8)**
  - **Allowable Area (%) Actual Showing on Plans (%)**
- **Fire Alarm System PLAN SHEET:** [SELECT ONE]
- **Emergency Lighting:** [SELECT ONE]
- **Location of doors with panic hardware (1010.1.10):** [SELECT ONE]
- **Location of doors with electromagnetic egress locks (1010.1.9.9):** [SELECT ONE]
- **Location of emergency escape windows (1030):** [SELECT ONE]
- **Location of doors (1010.3):** [SELECT ONE]

#### ELECTRICAL DESIGN

- **Electrical: [SELECT ONE]**
  - **Materials: [SELECT ONE]**
  - **Traveling Methods: [SELECT ONE]**
  - **Service Equipment: [SELECT ONE]**
  - **Service Dir: [SELECT ONE]**
  - **Furnace Dir: [SELECT ONE]**
  - **Battery Dir: [SELECT ONE]**
  - **Chiller Dir: [SELECT ONE]**
  - **Generator Dir: [SELECT ONE]**
  - **UPS Dir: [SELECT ONE]**
  - **Lighting Dir: [SELECT ONE]**
  - **Auxiliary Dir: [SELECT ONE]**
  - **Lighting Schedule (Each Fixture Type):** [SELECT ONE]
  - **BlDG AREA PER STORY**
    - **0**
    - **UNLIMITED(2,3)**
    - **TOTAL**
  - **Building Cooling Load:** [SELECT ONE]
  - **Building Heating Load:** [SELECT ONE]
  - **Chiller:** [SELECT ONE]
  - **Generator:** [SELECT ONE]
  - **UPS:** [SELECT ONE]
  - **Lighting:** [SELECT ONE]
  - **Furnace:** [SELECT ONE]
  - **Battery:** [SELECT ONE]
  - **Auxiliary:** [SELECT ONE]

#### ACCESSIBLE DWELLING UNITS

- **STORY NO. DESCRIPTION AND TYPE:**
  - **UNITS**
    - **MALE FEMALE UNISEX MALE FEMALE UNISEX REGULAR ACCESSIBLE**
      - **REQUIRED**
      - **PROVIDED**
      - **TOTAL**

#### REFERENCE DOCUMENTS

- **A101:** [SELECT ONE]
- **Project Number:** [SELECT ONE]
- **Date:** [SELECT ONE]
- **Scale:** [SELECT ONE]
- **Civil:** [SELECT ONE]
- **Structural:** [SELECT ONE]
- **Architectural:** [SELECT ONE]
- **Mechanical:** [SELECT ONE]
- **Roadway:** [SELECT ONE]
- **Environmental:** [SELECT ONE]
- **Facade:** [SELECT ONE]
- **Electrical:** [SELECT ONE]
- **Plumbing:** [SELECT ONE]
- **A/C:** [SELECT ONE]
- **HVAC:** [SELECT ONE]
- **Other:** [SELECT ONE]
- **Special Approval:** [SELECT ONE] (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)
- **See the sharing sheets**