

I-2 Condition 1 Requirements

2024 International Building Code

1. General Occupancy Classification

- **Group I-2 Condition 1** includes facilities such as nursing homes, assisted living facilities, and detoxification centers.
 - Condition 1 occupants are receiving medical care and are typically incapable of self-preservation but are not restrained.
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2. Construction Type and Fire Resistance Ratings

- **Construction Requirements:**
 - **Maximum Area for Type 5B Construction, One Story, Sprinklered:** Type 5B is not permitted. The minimum allowable Type of Construction is **Type 5A**, with a maximum sprinklered area of **38,000 square feet**.
 - **Maximum Number of Stories for Type 5B, One Story, Sprinklered:** Type 5B is not permitted. The minimum allowable Type of Construction is **Type 5A**, with a maximum of **one story**.
 - **Fire-Resistance Ratings:**
 - **Fire Barriers** separating fire areas: Typically **2 hours**.
 - **Smoke Barriers:** **1-hour fire-resistance rating**.
 - **Fire-Resistance Rating for Structural Elements:** Dependent on the type of construction.
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3. Fire Protection Systems

- **Fire Sprinklers:**
 - A fully automatic sprinkler system complying with **NFPA 13** is required throughout the building.
 - Quick-response or residential sprinklers must be used in patient care areas.
- **Fire Alarms:**
 - Manual and automatic fire alarm systems are required.
 - Smoke detection systems must be installed in corridors, patient sleeping areas, and specific mechanical spaces.
 - Fire alarm systems must be interconnected, supervised, and monitored to ensure reliability.
- **Smoke Control:**
 - Smoke barriers must subdivide every story used by patients into at least **two smoke compartments**.
 - Each compartment must not exceed **22,500 square feet** with a maximum travel distance to a smoke barrier of **200 feet**.
 - Smoke control systems, where required, must comply with **NFPA standards**.

- **Fire Extinguishers:**
 - Fire extinguishers are required throughout the building.
 - **Travel Distances:**
 - **75 feet** for Class A hazards.
 - **50 feet** for Class B hazards.
 - Fire extinguishers must be inspected monthly and maintained annually per **NFPA 10**.
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4. Means of Egress

- **Corridor Width:** Minimum clear width of **96 inches (8 feet)** in areas serving patient care or movement of beds.
 - **Door Width:** Minimum clear width of **41.5 inches** for patient room doors.
 - **Travel Distance:** Maximum travel distance to an exit: **200 feet**, extendable with sprinkler protection.
 - **Horizontal Exits:** Often required due to the smoke compartmentation requirement, allowing safe refuge within the same floor.
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5. Emergency Power and Systems

- Emergency power must support:
 - **Egress Lighting.**
 - **Fire Alarm Systems.**
 - **Electrically Powered Life Safety Systems** (e.g., smoke control).
 - Standby power for critical systems must comply with **NFPA 110 standards**.
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6. Interior Finishes

- **Wall and Ceiling Finishes:** Must meet **Class A or B flame spread ratings** in patient areas.
 - **Floor Finishes:** Must meet **Class II critical radiant flux** in corridors and exits.
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7. Unique Provisions

- **Delayed Egress Locks:** Permitted under certain conditions for patient safety.
 - **Staffed Areas:** Nurse stations or continuously staffed areas must have unobstructed views of corridors.
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