## NFPA 101 Life Safety - Complete Summary 3.3.32.5 New Building New Residential Board and Care Occupancies 6.1.9.1 A3.3.178.12 Group housing arrangement that provides personal care service but not nursing care. A3.3.82.2 Some residents may be considered incapable of self-preservation, but the intent of Residential Board and Care Facilities is that with proper fire drills and emergency planning everyone can get out safely. Ordinary Hazard Contents 7.3.1.2 Occupant Load: 13 people Board and Care: 2,196sf @ 200sf/person = 11 Storage: 560sf @ 500sf/person = 2 Small Facilities (this project has sleeping accommodations for 5 residents only) 32.1.4 No means of egress shall be considered complying unless regular evacuation drills are conducted. 32.1.5 Wood framed walls with gyp board of not less than ½" in thickness shall meet the requirements of providing a minimum ½-hour fire resistance rating. (A.8.3.1(4)) 32.2.1.3 No min construction requirements 32.2.2 "Designated means of escape shall be continuously maintained free of all obstructions or impediments to full instant use in the case of fire or emergency." 32.2.2.2.1 "Every sleeping room and living area shall have access to a primary means of escape located to provide a safe path of travel to the outside.' 32.2.2.3 Secondary means of escape: Not required with a sprinkler system 32.2.2.4.7 Attic stair does not need to be enclosed 32.2.2.5.1 Min door width: 32" 32.2.2.5.2 Doors can swing or slide 32.2.2.5.3 Closets shall open from inside 32.2.2.5.4 Locked bathroom doors shall open from outside Attic, which may be used for Bulk storage of food or other household items, is a Hazardous area Sprinkler system will provide adequate protection 32.2.3.3.2 Interior wall and ceiling finishes complying with 10.2 shall be Class A,B or C. Floors shall have a minimum critical radiant flux of 0.1 W/cm2 32.2.3.3.3 32.2.3.4 Fire detection and alarm system will be installed. 32.2.3.5.3 NFPA 13 System will be installed (required) 32.2.3.6.2 Corridor walls shall be smoke partitions (8.4) GWB wall and ceiling assemblies will suffice 32.2.3.6.4 Doors shall have latches, be closable by occupants, and shall not need a closing device. Administration shall have written plan for emergency evacuation and other emergencies. 32.7.1.1 Emergency plan shall revised as capabilities of staff and consumers change. 32.7.1.2 32.7.1.3 Emergency plan shall be reviewed by staff not less than every two months. 32.7.2 Residents shall be trained to act in accordance with the emergency plan, which may include helping themselves and 32.7.3 Emergency egress drills shall be bi-monthly and at least two per year shall occur at night. 32.7.4 Smoking regulations and policies shall be in place. 32.7.5.1 New curtains and draperies shall conform with NFPA 701 32.7.5.2.1 New furniture shall be tested in accordance with NFPA 260 32.7.5.3.1 New mattresses shall have a char length not exceeding 2" when tested in accordance with 16 CFR 1632. **IBC - Complete Summary** 310.1 Residential Group R-3 - One (1) dwelling unit (Uses that would otherwise be classified as I-2 default to R-3 when they have less than 6 beds.) Walls separating sleeping units: Fire Partitions (709) Ceilings separating sleeping units: Horizontal assembly (712) VB, unlimited area and 3 stories maximum 503 No required ratings by construction type. No required ratings by separations distance. 602 Type V Construction: Any materials permitted by code. Exterior projections limited to 1/3 of 8 feet and may be of any approved material. 705.8 Unprotected openings limited to 45% of exterior walls. Shaft enclosures not required within a dwelling unit. Sleeping unit separations in VB construction may have fire resistance rating of 1/2hr with approved automatic sprinkler Fire partition shall extend from slab to rated ceiling above. Fire blocking and draft stopping to roof or floor deck is not required if such interstitial spaces are equipped with an automatic sprinkler system. Horizontal sleeping unit separations in VB construction may have fire resistance rating of 1/2hr with approved automatic sprinkler system. 712.4 Supporting construction not required to be fire-resistance rated. 713 Penetrations in fire partition assemblies and horizontal assemblies must comply with this section. Joints in fire partition assemblies and horizontal assemblies must comply with this section. 714 Ducts in fire-rated sleeping unit and corridor ceilings shall be protected by a listed fire damper or in accordance with 716 713.4 Fireblocking shall be installed at ceiling and floor levels, connections between horizontal and vertical spaces and at top and bottom of stair stringers. 717.3.2 Draftstopping is not required in attic, ceiling and floor spaces where those spaces are protected with an automatic sprinkler system. 903.3.1.1 An NFPA 13 sprinkler system will be installed. Fire alarm and detection system shall be installed in accordance with this section. Fire department connections shall be in accordance with this section. 1004.1.1 Occupant Load: 13 people Residential: 2,196sf @ 200sf/person = 11

Storage: 560sf @ 300sf/person = 2

Minimum stair width: 36"

Common path of travel limit: 75'

Exit access travel distance limit: 250'

1009.2 Minimum stair headroom: 80"

Min tread depth: 10"

Min corridor width: 36"

1018.4 Dead end corridor limit: 20'

1018.2

1011.1 Exit signs not required in R-3.

1009.4.2 Max riser height: 7 3/4"

Egress width min determined by other building components.

1009.6.3 Enclosures under stairs in R-3 may be protected with one layer of ½" gypsum board.

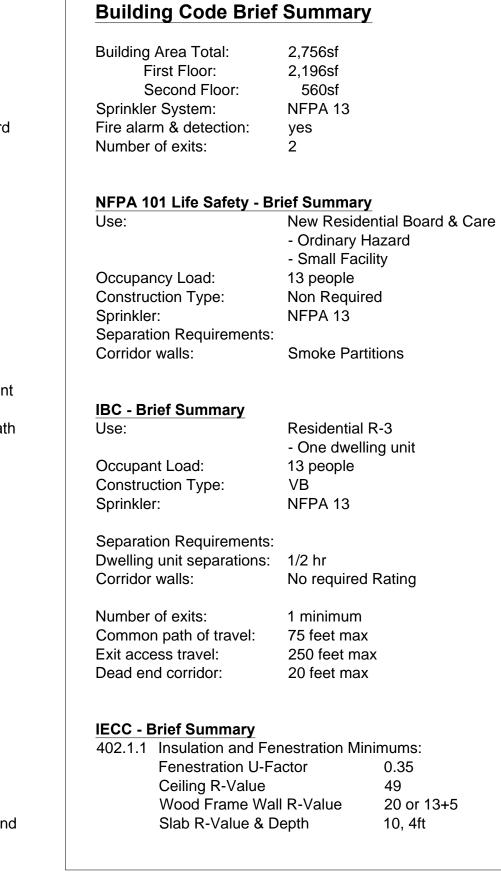
In R-3, one means of egress permitted for occupant load less than 20 and when a sprinkler is provided.

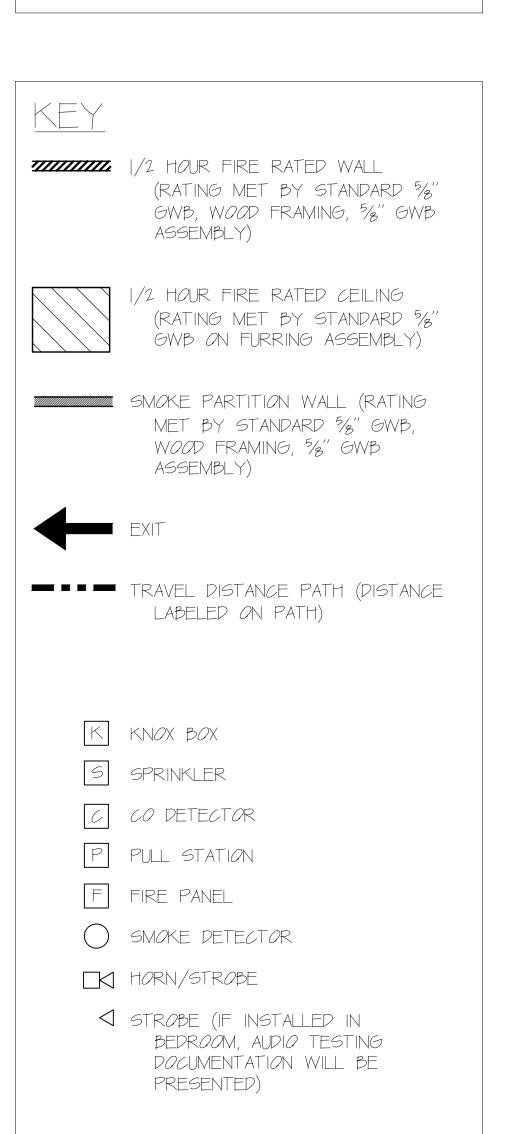
Corridors in a dwelling or sleeping unit in Group R are not required to be fire resistance rated.

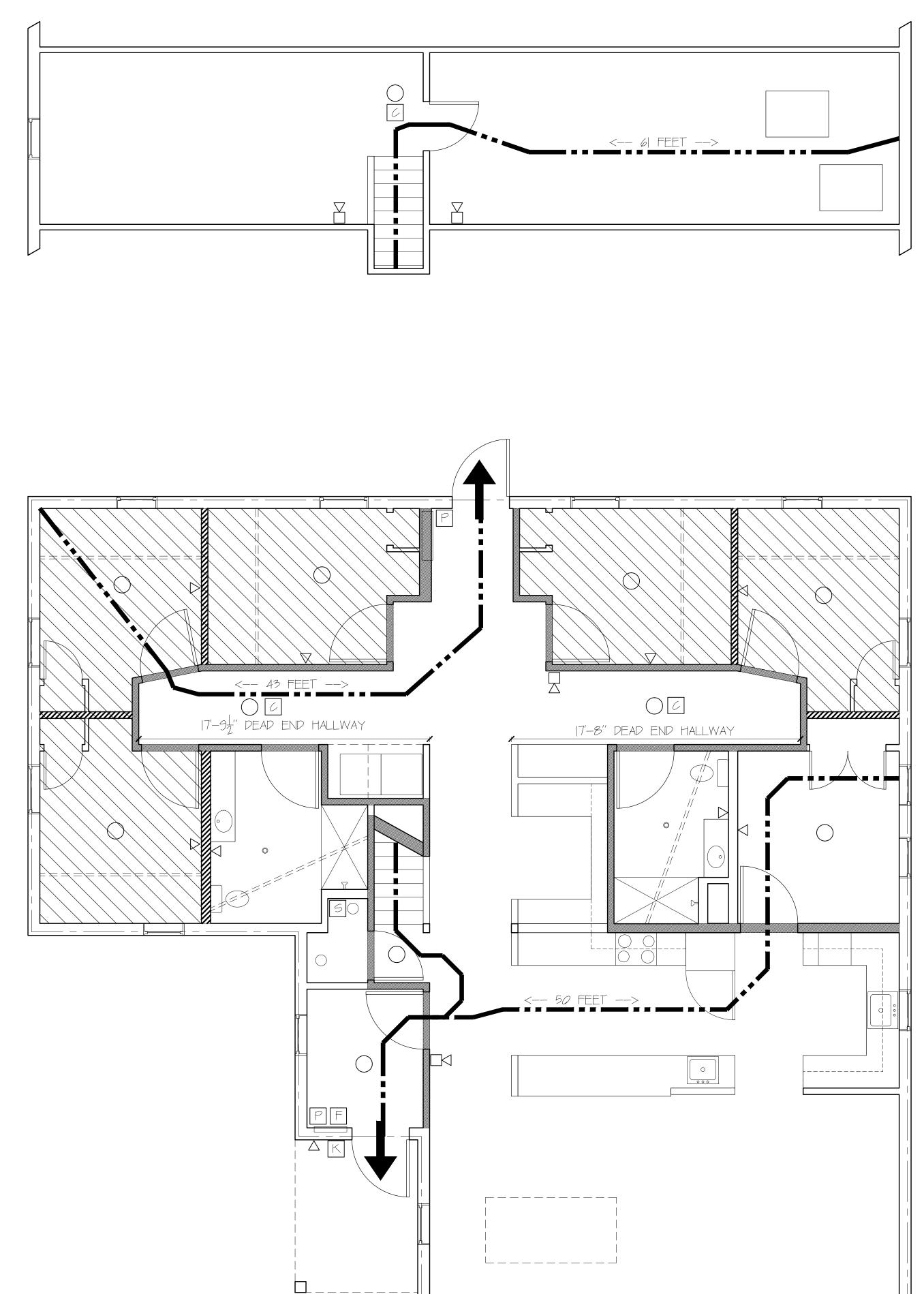
1021.1 In R-3, one means of egress permitted for occupant load less than 20 and when a sprinkler is provided.

Egress Illumination not required in R-3 dwelling units.

1014.2 Egress may pass through a kitchen in the same dwelling unit.







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