

cube feet of air per square foot of floor area per minute, but not less than one-half (1/2) square foot in cross-sectional area and one foot in addition to the floor area for each additional foot of vertical or horizontal distance; by a skylight of approved non-combustible construction not less than three (3) square feet in area...

115.17. Alceve rooms.—Alceve rooms shall open without obstruction into adjoining rooms and the required light and air shall be provided by the ceiling of the room or by a skylight of approved non-combustible construction not less than three (3) square feet in area...

115.18. Institutional Buildings.—In buildings of the institutional use group, every habitable and occupiable room shall be provided with light and ventilation as required in this code for residence use...

115.19. Places of Public Assembly.—All places of public assembly during occupancy shall be illuminated by sufficient natural or artificial light to permit the reading of an ordinary newspaper. When natural light and ventilation are provided, the required operable window area or other approved devices for natural light and ventilation shall be distributed as uniformly as practicable on at least two sides of the room.

115.2. Artificial Light and Ventilation.—When natural light and ventilation are inadequate to insure the health, safety or comfort of the occupants of a building, or part thereof, the presence of dust, fumes, gases, vapors or other noxious or deleterious impurities that create a fire or health hazard, artificial lighting and mechanical ventilation as herein provided.

115.21. Intensity of Illumination.—The intensity of illumination of all rooms and occupiable spaces shall be equivalent to six (6) foot candles as specified in section 115.11, and of hath and toilet rooms equivalent to three (3) foot candles. All areas and portions of buildings shall be illuminated by artificial light and air shall be provided by electric light to provide a general illumination of not less than one (1) foot candle.

115.22. Mechanical Ventilation.—Where mechanical ventilation is accepted as an alternate for natural means of ventilation or is required under the provisions of this code, equipment and distribution shall be installed in accordance with the following provisions: (a) At all times during normal occupancy of the building, room or space so equipped, mechanical or gravity systems of ventilation shall provide a minimum of one (1) cubic foot per minute per square foot of floor area, as prescribed in table 19.

115.3. Attic Spaces.—All attic spaces and unoccupied spaces between floors and between floors and roofs, without basements, shall be provided with ventilation with a total clear area of opening not less than one-half (1/2) of one (1) per cent of the horizontally projected area of the floor above.

115.4. Crawl Spaces.—Access spaces under grade floor construction and wherever wood, metal or other floor construction subject to corrosion deterioration is installed, shall be provided with ventilation. Such spaces shall be provided not less than eighteen (18) inches in depth. Such spaces shall be vented with screened openings having a clear area of not less than one (1) square foot for each square foot of floor area in the building area or shall be provided with other equivalent means of artificial ventilation. The screens shall be corrosion-resistant and rodent proof construction.

TABLE 19. REQUIRED MINIMUM FRESH AIR SUPPLY

Table with 3 columns: Use of Room or Space, Air Changes Per Hour, Minimum cu. ft. per minute per person. Rows include Auditoriums and Public Assembly, Bath and Toilet Rooms, Convention Halls, etc.

115.5. Stairways and Exitways.—Stairways, exitways and passageways appurtenant thereto in other than one and two-family dwellings shall be equipped with artificial lighting facilities to provide an intensity of illumination of not less than one (1) foot candle at the top of the stairs and at each landing. The conditions of occupancy of the building require the exitways to be available.

115.52. Multi-Family and Institutional Buildings.—In multi-family buildings and in institutional buildings for the purpose of human education of people, required interior stairways and the hallways shall be provided with windows having a glass area of not less than ten (10) per cent of the floor area of the story above and with the equivalent source of light for each story through which the stairway passes. Windows in hallways shall be so located that light penetrates into the hallway.

115.6. Courts.—Every court which serves windows for light and ventilation shall have a minimum of three (3) inches for each foot of the face of the facade of the building. For courts which are less than twice these values for inner courts. For courts which are not less than five (5) feet wide at any point. All courts required for residential buildings shall be located on the same lot with the building or structure served thereby.

115.7. Rear Yards.—The depth of a rear yard required for light and ventilation in buildings of the residence-use group shall not be less than sixteen (16) feet, except that the minimum depth shall not be less than ten (10) feet. For buildings of all other use groups, the minimum depth of a rear yard shall be not less than ten (10) feet.

115.8. Motor Vehicle Parking.—Rear and side yard areas may be used for automobile parking spaces or private garages not more than one (1) story in height, provided that the area shall be the occupants of the building; provided that no such parking space shall be located within five (5) feet of a required window opening in the building; provided that the garage shall be not less than ten (10) feet from a residence unless complying with the requirements of Section 115.7 for attached private garages.

115.9. Shaft Enclosures.—All elevator shafts, other than stairway enclosures, extending through more than one (1) story of a building or structure including dumbwaiter and elevator hoistways shall be enclosed in fire-resistive construction of the type and fire resistance of table 5 of the Basic Building Code (see appendix E) and shall be vented as herein specified with skylights, windows or ducts opening to the exterior air or other air or other approved means.

115.91. Open Shafts.—The enclosing walls of shafts for light and ventilation purposes that are open to the exterior air at the top shall be constructed as fire-resistive construction of the type and fire resistance of table 5 of the Basic Building Code.

115.92. Covered Shafts.—The enclosing walls and the top of interior covered shafts shall be constructed of approved masonry walls of the type and fire resistance of table 5 of the Basic Building Code, not less than two (2) hours, except as provided in section 115.93.

115.93. One and Two-Family Dwellings.—In one and two-family dwellings, shafts shall be constructed of fire-resistive construction in height of other than fire-resistive construction, interior shafts shall be supported and constructed with materials having a fire-resistance rating of not less than three-quarter (3/4) hour.

115.94. Shafts Extending to Roof.—All shafts and hoistways that extend to the roof of a building or structure shall be covered at the top with a skylight of approved non-combustible construction and shall be constructed of approved non-combustible materials and glazed with not less than three-sixteenths (3/16) inch plain glass or safety glass with not less than one (1) inch of lead or other equivalent material. The skylights herein required may be replaced by one or more double windows of equivalent area provided the sill is not less than two (2) feet above the top of the shaft. The distance between the top of the sill and the lot line or within twenty (20) feet of an opening in adjacent walls.

115.95. Shafts Not Extending to the Roof.—All shafts that do not extend into the top story of a building or structure shall be enclosed at the top with construction of the same strength and fire resistance as the shaft construction of the building, but in no case with a fire-resistance rating of less than one (1) hour.

115.97. Thermostatic Control.—In buildings of the one and two-family dwellings, the skylights, windows and other vent relief devices shall be provided with thermostatic control to operate at a fixed temperature of not more than one hundred (100) degrees Fahrenheit, or by electric or pneumatic operation under a rapid rise in temperature of not more than one (1) to twenty (20) degrees F. per minute, or by other equivalent means.

115.98. Elevator Machine Rooms.—The platform of machine room shall be pierced with two (2) square feet for each elevator in the enclosure, but in no case less than ten (10) per cent of the shaft area.

115.99. Institutional Buildings.—In buildings of the institutional use group, every habitable and occupiable room shall be provided with light and ventilation as required in this code for residence use...

115.100. Places of Public Assembly.—All places of public assembly during occupancy shall be illuminated by sufficient natural or artificial light to permit the reading of an ordinary newspaper. When natural light and ventilation are provided, the required operable window area or other approved devices for natural light and ventilation shall be distributed as uniformly as practicable on at least two sides of the room.

115.101. Artificial Light and Ventilation.—When natural light and ventilation are inadequate to insure the health, safety or comfort of the occupants of a building, or part thereof, the presence of dust, fumes, gases, vapors or other noxious or deleterious impurities that create a fire or health hazard, artificial lighting and mechanical ventilation as herein provided.

115.102. Intensity of Illumination.—The intensity of illumination of all rooms and occupiable spaces shall be equivalent to six (6) foot candles as specified in section 115.11, and of hath and toilet rooms equivalent to three (3) foot candles. All areas and portions of buildings shall be illuminated by artificial light and air shall be provided by electric light to provide a general illumination of not less than one (1) foot candle.

115.103. Mechanical Ventilation.—Where mechanical ventilation is accepted as an alternate for natural means of ventilation or is required under the provisions of this code, equipment and distribution shall be installed in accordance with the following provisions: (a) At all times during normal occupancy of the building, room or space so equipped, mechanical or gravity systems of ventilation shall provide a minimum of one (1) cubic foot per minute per square foot of floor area, as prescribed in table 19.

115.104. Attic Spaces.—All attic spaces and unoccupied spaces between floors and between floors and roofs, without basements, shall be provided with ventilation with a total clear area of opening not less than one-half (1/2) of one (1) per cent of the horizontally projected area of the floor above.

115.105. Crawl Spaces.—Access spaces under grade floor construction and wherever wood, metal or other floor construction subject to corrosion deterioration is installed, shall be provided with ventilation. Such spaces shall be provided not less than eighteen (18) inches in depth. Such spaces shall be vented with screened openings having a clear area of not less than one (1) square foot for each square foot of floor area in the building area or shall be provided with other equivalent means of artificial ventilation. The screens shall be corrosion-resistant and rodent proof construction.

SECTION 116.0. WATERPROOFING, RAINFOOTING, AND TERMITE PROTECTION

116.1. Foundation Wall, Cellar and Basement Waterproofing.—Where habitable or occupiable spaces are located below grade, waterproofing shall be provided for the foundation walls and floor slabs to insure a dry basement or cellar.

116.2. Foundation Wall Reinforcement.—When required by lateral water pressure, foundation walls shall be reinforced with not less than one-half (1/2) inch round vertical spaced twice (12) inches apart. Reinforcement shall be provided for a minimum of twenty-four (24) inches on centers. For all conditions of support, the reinforcement shall be determined by accepted engineering practice.

116.3. Soil Drainage.—When required by soil conditions, sub-surface drainage shall be provided under the foundation slab in concrete or masonry construction. The drainage shall be provided with a rat wall in which case such rat wall may stop at the floor slab. Rat walls shall not be assumed to give protection from frost or other damage to the foundation.

116.4. Raftop Apron.—Beneath the foundation wall of every building, there shall be a concrete or masonry apron extending to other enclosed structure which is not supported on a continuous masonry wall, there shall be a complete masonry or concrete rat wall extending to the exterior ground level.

116.5. Height of Apron.—The rat wall shall extend not less than six (6) inches above and twenty-four (24) inches below grade, except that in the case of buildings having a concrete floor with a continuous rat wall in which case such rat wall may stop at the floor slab. Rat walls shall not be assumed to give protection from frost or other damage to the foundation.

116.6. Protection of Wall Openings.—All openings in the apron required for ventilation in section 115.4 or for other purposes shall be protected with a masonry or concrete structure of not less than No. 22 gauge perforated steel sheets or No. 20 & B S gauge aluminum, or No. 16 gauge expanded metal or wire mesh screens with not more than one-half (1/2) inch mesh openings.

116.7. Protection of Floor Slab Openings.—Exterior walls shall be effectively tied to the floor slab opening over spaces between slab and walls. All access openings in the slab shall be closed with a masonry or concrete structure of not less than No. 22 gauge perforated steel sheets or No. 20 & B S gauge aluminum, or No. 16 gauge expanded metal or wire mesh screens with not more than one-half (1/2) inch mesh openings.

116.8. Wall Chases.—The backs and sides of chases in exterior walls including recessed apron walls shall be made water-tight and shall be protected with a mastic membrane, cement coat or other approved method.

116.9. Grade Construction.—All entrenched wood in exterior walls at grade shall be supported on concrete or other masonry walls or piers and shall be protected with a mastic membrane, cement coat or other approved preservative and termite-proof treatments.

116.10. Wall Pockets.—Wood girders framing into masonry walls shall be protected with a mastic membrane, cement coat or other approved preservative and termite-proof treatments.

116.11. Wood Posts.—No wood posts shall be used in damp locations in cellars or basements or below grade level except when decay-resistant or approved pressure-treated materials are used, or when the posts are protected with a mastic membrane, cement coat or other approved preservative and termite-proof treatments.

116.12. Termite Shields.—Where conditions indicate existence of termites, termite shields shall be provided in concrete masonry walls of masonry foundation walls extending not less than two (2) inches beyond the face of the wall and bent downward at an angle of forty-five (45) degrees.

116.13. Removal of Building Debris.—Loose wood, form material or other debris subject to decomposition shall be buried or left under floors, porches, or around foundation walls.

SECTION 117.0. PLUMBING AND WATER SUPPLY

117.1. The Plumbing Code of the City of Detroit, Michigan is nationally recognized as providing safe standards and is being considered as a basis for a national plumbing code, it is, therefore, provided that the provisions of said City of Detroit Plumbing Code shall apply to all installations made in the City of Birmingham with the exception of the provisions of this code.

117.1.1. Plumbing Defined.—The term plumbing shall mean and include: (a) All piping, fixtures, appliances and appurtenances in connection with the supply, distribution, use and disposal of water supply system within a building; (b) The construction and connection of any drain or waste pipe carrying domestic sewage from a point on top of the foundation walls to the street or other disposal terminal, and the alteration of any such system, drain or waste pipe, except minor repairs to faucets, valves, pipes, traps, etc.; (c) The water service piping from a building, residence or structure to the mains in the street, alley or other terminus; (d) The installation, alteration, repair and maintenance of the water pressure system other than municipal systems, within the building, residence or structure; (e) The installation of a drainage system so designed and vent piping so installed as to keep the air within the system in free circulation and movement, and to prevent with a margin of safety unequal air or gas pressure from being drawn into the system by means which retard the discharge from plumbing fixtures or permit sewer air to escape into the building, residence or structure.

117.2. License.—No plumbing shall be performed except by a master or journeyman plumber licensed under the laws of the State of Michigan and registered with the City of Birmingham, Alabama. Nothing herein contained shall prohibit a public utility owner from personally installing plumbing in his own residence, provided that said owner shall: (1) Obtain a permit covering the work proposed; (2) Pay the required fee; (3) Do the work himself or herself in accordance with this code; (4) Obtain a license from the City of Birmingham; (5) Receive approval of the Plumbing Inspector.

117.3. Permits.—Before any work is commenced on plumbing installation, alteration, repair or maintenance, a permit shall be obtained from the City of Birmingham. Fees for plumbing permits shall be as established by resolution of the City Commission. See Section 104.6.

117.4. Location and Installation of Systems.—No air conditioning or refrigerating systems shall be installed in public hallways, lobbies, stairways or elevators, or in any other public area, except in a water-tight shaft, except that a direct sealed unit system containing not more than six (6) pounds of group 1 refrigerant may be installed in such locations if approved by the building official. Refrigerant piping crossing passageways or corridors in any building shall be enclosed in a fire-resistive enclosure of not less than one (1) hour fire resistance and no such piping shall be located in any duct work of the system.

117.5. Machine Room Enclosures.—Machine rooms for all air conditioned buildings shall be enclosed with a fire-resistive enclosure of not less than two (2) hours fire resistance and shall be provided with a self-closing fire door at each entrance and exit.

117.6. Emergency Shut-Off.—An emergency shut-off room shall be provided for each air conditioning or refrigerating system which shall be provided with a self-closing fire door at each entrance and exit.

117.7. Location and Installation of Systems.—No air conditioning or refrigerating systems shall be installed in public hallways, lobbies, stairways or elevators, or in any other public area, except in a water-tight shaft, except that a direct sealed unit system containing not more than six (6) pounds of group 1 refrigerant may be installed in such locations if approved by the building official.

117.8. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.9. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.10. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.11. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.12. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.13. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.14. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.15. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.16. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.17. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.18. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.19. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.20. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.21. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.22. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.23. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.24. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.25. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.26. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

117.27. Disposal of Waste Refrigerant.—The containers into which waste refrigerant is discharged from a building shall comply with the Interstate Commerce Commission regulations and specifications for shipping containers. When refrigerant is discharged into a container, the container shall be marked with six (6) pounds of refrigerant. It shall be charged on the low pressure side, and no containers shall be left connected to a system except while being recharged or being used for other purposes.

118.1. Discharge Lines.—Discharge lines from condensers and other equipment shall not be directly connected to the waste or sewer system but shall discharge over and above the rim of a trapped and vented floor drain into a separate storm or into a separate storm water sewer as provided in section 117.

118.2. Water Connections.—Discharge water lines from condensers and other equipment shall not be connected to the waste or sewer system but shall be discharged into any water supply directly or indirectly into the water supply main.

118.3. Air Inlet and Outlet Openings.—Fresh air inlets with less than thirty (30) inches distance to openings in adjoining walls or buildings shall be protected with approved automatic fire extinguishers or other approved opening protective complying with section 115.3.

118.4. Exterior Openings.—Fresh air inlets with less than thirty (30) inches distance to openings in adjoining walls or buildings shall be protected with approved automatic fire extinguishers or other approved opening protective complying with section 115.3.

118.5. Plenum Chambers.—Plenum chambers shall conform to all the requirements of this code for fire-resistive construction. Plenum chambers are enclosed in walls or partitions, the plenum chamber constructed in accordance with the requirements of section 112 for not less than two (2) hours fire-resistance rating.

118.6. Return Ducts.—Return ducts, other than vertical, shall be so constructed that the interior is accessible to facilitate the removal of any possible accumulation of dust or other combustible or flammable matters. Where corridors or hallways are used as return ducts, an approved smoke detector or other device shall be provided to detect the presence of smoke. The louvers provided for the transmission of air to and from air-conditioned spaces of such corridors shall be arranged with auxiliary manually operated closing devices which can be readily closed in emergency.

118.7. Supply Ducts.—Supply ducts, other than vertical, shall be so constructed that the interior is accessible to facilitate the removal of any possible accumulation of dust or other combustible or flammable matters. Where corridors or hallways are used as return ducts, an approved smoke detector or other device shall be provided to detect the presence of smoke. The louvers provided for the transmission of air to and from air-conditioned spaces of such corridors shall be arranged with auxiliary manually operated closing devices which can be readily closed in emergency.

118.8. Fire Stopping.—The firestopping of floors, partitions and walling shall be provided in accordance with the requirements of section 110.3.

118.9. Fire Division Walls.—An approved fire door or an approved automatic fire shutter complying with the provisions of section 110.8 shall be provided at each side of a fire division wall which is pierced by a door, window, opening or other penetration. A fire-resistive protective shall be installed so as to be readily accessible for inspection and repair.

118.10. Fire Dampers.—When fire doors are not practical, approved automatic fire dampers shall be constructed of noncombustible materials and installed in the prescribed locations complying with the Standard Building Code.

SECTION 119.0—FIRE SAFETY AND FIRE PROTECTION

119.1. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.

119.2. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.

119.3. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.

119.4. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.

119.5. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.

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119.7. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.

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119.10. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.

119.11. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.

119.12. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.

119.13. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.

Table 30.—FIRE HAZARD CLASSIFICATION. Columns: Use group, Fire rating in hours. Rows: 2 and family dwellings, Multi-family dwellings, Hotels, boarding and lodging houses, etc.

For comprehensive table, see table 10, Basic Building Code.

119.11. Hollow Fire Walls.—When wood or other combustible structural members frame into hollow masonry fire walls or walls built of hollow masonry units, all spaces shall be filled solid for the full thickness of the wall and for a distance of not less than four (4) inches above and below and between the structural members with concrete or other noncombustible materials.

119.12. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.

119.13. Height of Fire Walls.—Except as herein provided, fire walls shall be not less than eight (8) inches in height above the top of the flashing on both sides and shall be finished with weather-resistant and noncombustible materials. In buildings of the residential use group, fire walls may be stopped six (6) inches above the top of the roof of the building, provided that the fire-resistance rating of the fire wall may stop at the roof level if completely firestopped.

119.14. Frame Construction.—All fire walls in frame construction shall be constructed of fire-resistive construction of the type and fire resistance of table 5 of the Basic Building Code, not less than one (1) hour fire resistance rating, except that in buildings of the residential use group, fire walls may be stopped six (6) inches above the top of the roof of the building, provided that the fire-resistance rating of the fire wall may stop at the roof level if completely firestopped.

119.15. Fire Walls.—All fire walls for the purpose of subdividing a building into limited fire areas, complying with table 6 of the Basic Building Code, which separate two (2) or more buildings to restrict the spread of fire shall be ground supported, or shall be constructed as to be self-supporting in the event of collapse of adjoining construction on one side. In fireproof construction, the fire walls may be constructed of any material having a fire-resistance rating of not less than one (1) hour.