

ORDER OF ADOPTION

Pursuant to authority vested in the Department of Industry, Labor and Human Relations by section(s)
101.02 (1) and (15)

Stats., the Department of Industry, Labor and Human Relations creates; amends;
 repeals and recreates; repeals and adopts rules of Wisconsin Administrative Code chapter(s):
ILHR 50 - 64 Commercial Building Code
(Number) (Title)

The attached rules shall take effect on the first day of the month following publication
in the Wisconsin Administrative Register pursuant to section 227.22, Stats.

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Revisor of Statutes
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Adopted at Madison, Wisconsin this

date: July 14, 1993

DEPARTMENT OF INDUSTRY, LABOR AND HUMAN
RELATIONS


Secretary



RULES in FINAL DRAFT FORM

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Rule No.: Chapters ILHR 50 - 64

Relating to: Miscellaneous Changes to the Commercial Building Code

Clearinghouse Rule No.: 93-8

The Wisconsin Department of Industry, Labor and Human Relations proposes an order to repeal 51.03 (5) (g), 51.16 (5) (c), 52.01 (2) (d) 3. c. and d., 52.03, 53.27 (2), 53.35 Note, 54.22, 55.09 (3) (a), 55.10 (1) (b), 55.34, 59.12 (4), and 63.23 Note;

to renumber 51.03 (5) (h), 51.042 (2) (a), 51.08 (2), 51.15 (3) (c) Notes 1 and 2, 53.27 (1), 54.01 (5) (b) 2., 55.09 (3) (b), 55.10 (1) (c), 56.06 (4) (a) to (c), and 62.98 (4) to (6);

to renumber and amend ILHR 51.02 (3) (a), (c) and (d), 51.042 (4) (a), 51.046 (1) (a) (intro.) and 1. to 5., 51.16 (4) (a), 54.01 (5) (b) 1., and 63.23 (1) (a);

to amend ILHR 50.07 (2) (c) Note 2, 50.10 (2), 50.10 (3), 50.11, 50.12 (1) (e), 50.12 (1) (i) 2. c., 50.12 (3) (intro.), 50.12 (3) (a), 50.12 (4) (a) 2.b., 50.12 (4) (b), 50.125 (1), 50.13 (1) (d), 50.14 (1) (d), 50.155 (2) (b), 50.17 (2), 50.19 (2) (b) 3., 50.20, 51.01 (3a) Note, 51.01 (64), 51.01 (75a) to (e), 51.01 (82), 51.01 (86) (b), 51.01 (104) (b), 51.015, 51.02 (7) (a) 1. and 2., 51.02 (9), 51.03 (2) Table 51.03-A, 51.03 (2) Table 51.03-B, 51.03 (4) (g), 51.03 (5) (e), 51.03 (7) (c), 51.03 (8) (c), 51.047 (1) (a) 2., 51.047 (1) Table 51.047, 51.048 (1), 51.049 (3) (intro.) and (b), 51.05 and Note, 51.06 (4) (e) 2. and 3., 51.06 (5) (b) 3., 51.065 (1) (b) 1. (intro.), a. and b. and (2) (a), 51.14 (2) (b) and (5) (a), 51.15 (1), 51.15 (2) and (3) (c), 51.16 (3) (a), 51.16 (4) (a), 51.161 (3), 51.162 (4) (a), 51.20 (8) (intro.), 51.21 (7) (b) Note, 51.23 (4), (6) (a) and (b) Note, and (7) (intro.), 51.245 (1) and (2), 51.25 (4) Table 51.25-2, 51.25 (4) Table 51.25-15, 51.25 (4) Table 51.25-17, 51.25 (4) Table 51.25-18, 51.25 (4) Table 51.25-20, 52.01 (2) (d) 3. a. and b., 52.01 (2) (d) 4. and (h), 52.013 (6) (c), 52.02 (2) (d), 52.07 (8) (a) and (10), 52.24 (1) (c) Note, 52.24 (3) (b), 52.60 (2) (b), 52.60 (3) (a), 53.01 Note, 53.26, 53.323 (2) Note, 53.34 (1) (c) Note 2, 53.40, 53.53 (7) (a) and (b), 53.61 (1) (a) 1.c., 53.63 (1) (d), 54.001, 54.02 (3) and (4) (c), 54.03 (1) (d) (intro.), 54.11 (1) (a), 54.14 (1) (a), 54.145 (title), 54.15 (2) (b), 55.02 (2), 55.06 (1), 55.28 (1) and (2), 55.33 (2) (b), 56.06 (2) (b), 56.36, 56.44, 56.63 (2) (b) 2., 57.016 (1) and (2) (b), 57.016 (2) (b) Note, 57.02 (2) (a) 3., 57.02 (2) (b) 1. c., 57.02 (3) Table 57.02-2, 57.03 (1) (b), 57.08 (2) (b) 2., 57.10 (2) (c), 57.11 (3) (a), 57.13 (1) (a) 2., 57.15 (2) (b), 57.19 (2), 58.03 (1), 58.05 (2) (a), 58.06 (1) (a), 58.06 (2) (c), 58.23 (1) (b), 59.10 (2) (intro.), 59.12 (4) Tables 59.12-1 and 2 *footnotes, 59.14 (1) (a), and (b) (intro.), 2. and 3., 59.17 (1) (a) 3. a., 60.35 (2), 61.001 (1) (a) Note, 61.10 (1) (f), 61.15 (1), 62.75 (4) (b), 62.77 (3), 62.96 (3) (b) 2., 62.98 (5) (a), 63.11 (3) (c) 1., 64.06 (2), 64.06 (3) (c) (title), 64.06 (5) (a), 64.09 (1) (b), 64.09 (7), 64.14 (1) Note, 64.18 (1) Note, 64.18 (1) (a) 2. Note, 64.18 (1) (a) 4., 64.20 (5), 64.21 (2) (b), 64.39, 64.40, 64.45 (3) (a), 64.54 (3) (a), 64.57 (2) (a), 64.57 (3), 64.61 (3) (b) Note, 64.61 (5), 64.63 (3), 64.64 (2) (c), 64.65 (2) (b), and 50 to 64 Index;

to repeal and recreate ILHR 51.01 (82a), 51.01 (104a), 51.01 (115), 51.01 (120b), 51.02 (15), 51.03 (1) (f), 51.03 (2) (g), 51.03 (3) (e), 52.07 (5), 55.10 (1) (a), 58.46, 60.19 (5), 60.36, 60.38, 62.98 (1) (a), 64.05, 64.06 (3) (a), 64.06 (6) Note 2, 64.22 (7) (d) 3. and 4., 50 to 64 Appendix Section A - 50.10 to 50.25, and 50 to 64 Appendix Section A-51.01 (115); and

to create ILHR 50.11 Note, 50.19 (3), 51.01 (17n), 51.01 (125m), 51.02 (7) (b), 51.02 (16), 51.02 (23), 51.08 (2), 51.15 (3) (c) Note 1, 51.15 (3) (h), 51.152, 51.16 (3) (c), 51.16 (4) (a) 2., 51.25 (4) (intro.) Note, 52 Subchapter III title, 52 Subchapter IV title, 52 Subchapter V title, 52 Subchapter VI title, 52 Subchapter VII title, 52.24 (4) Note, 52.24 (6) Note, 52 Subchapter VIII title, 54.02 (2) (f), 54.05 (1) (g), 54.14 (1) (c), 55.06 (2) Table 55.06 title and line (n), 55.08 (4), 55.08 (5), 57.01 (2) (b), 57.15 (2) (b) Note, 58.63 (3), 60.15 (1) Note, 62.98 (4), 62 Subchapter IX, 64.12 (1m), 64.19 Note, 64.21 (2) (c), and 50 to 64 Appendix Section A-51.152.

Analysis of Proposed Rules

Statutory Authority: ss. 101.02 (1) and (15), Stats.
Statutes Interpreted: ss. 101.02 (15) and 101.12, Stats.

Under s. 101.02 (15) and s. 101.12, Stats., the Department of Industry, Labor and Human Relations has the responsibility of protecting public health, safety and welfare relative to the construction of public buildings and places of employment. A key element of fulfilling this responsibility has been promulgation of the commercial building code, chapters ILHR 50 to 64.

The proposed rule changes do not represent a comprehensive review and revision of the current commercial building code. Instead, they address numerous noncontroversial issues, problems and questions that the department is aware of.

The proposed changes would, in effect, update the current code to make it more clearly consistent with how it is currently being interpreted and applied by the department. The changes would accomplish this by codifying various published code interpretations and informational bulletins, by correcting typographical errors, by updating cross-references to other requirements, and by addressing several issues which have been the subject of petitions for variances.

The proposed changes would also incorporate updated editions of several national standards that are now included in this code, and incorporate several standards which currently do not have previous editions adopted in chapter ILHR 51. Permission to incorporate these 11 standards by reference has been granted by the Attorney General and the Revisor of Statutes.

SECTION 1. Note to Revisor: Several page number references in the general Table of Contents and in the tables of contents for chapters ILHR 50 and 51 are incorrect or missing. Please review and correct while making the revisions for this rule package. Also, please correct the title for chapter ILHR 61 in the general Table of Contents and correct the titles for sections 51.166 and 51.167 in the Table of Contents for chapter ILHR 51.

SECTION 2. Note to Revisor: In chapters ILHR 50 and 53, change all "Part" headings to "Subchapter" headings, and change all "Part" cross-references to "Subchapter."

SECTION 3. ILHR 50.07 (2) (c) Note 2 is amended to read:

ILHR 50.07 (2) (c) Note 2: The above terms "registered architect, engineer or designer" mean registered architect, registered professional engineer or registered designer as defined by laws regulating the practice of engineering and architecture found in ch. 443, Stats. Registered designers are limited to the specific designations limitations outlined in s. A-E 4-20 5.06. See s. A-E 4-04 2.02 (4) for rules pertaining to signing, sealing and dating of plans prepared by a registered architect, engineer or designer.

SECTION 4. ILHR 50.10 (2) is amended to read:

ILHR 50.10 (2) NAME OF SUPERVISING ARCHITECT, ENGINEER OR DESIGNER. Prior to the start of construction, the owner of the building or structure, whose name must be a part of, or accompany, all plans submitted for approval, as required by s. ILHR 50.12 or an authorized agent, shall designate to the department, in writing, the name and Wisconsin registration number of the architect, engineer or designer retained to supervise construction of the building or structure.

SECTION 5. ILHR 50.10 (3) is amended to read:

ILHR 50.10 (3) (title) COMPLIANCE STATEMENT. Upon completion of construction-Prior to initial occupancy of a new building or addition, and prior to final occupancy of an alteration of an existing building, the supervising architect, engineer or designer shall file a written statement with the department certifying that, to the best of his or her knowledge and belief, construction of the portion to be occupied has been performed in substantial compliance with the approved plans and specifications. This statement shall be provided on a form prescribed by the department.

Note: See Appendix A for an example of the compliance statement form (SBD-4927).

[Note to Revisor: Delete * and reference to Appendix A on the bottom of this page of the code.]

SECTION 6. ILHR 50.11 is amended to read:

ILHR 50.11 OWNER'S RESPONSIBILITY. No owner shall ~~may~~ construct or alter any building or structure, or portion of a building or structure, or permit any building or structure to be constructed or altered except in compliance with the provisions of ~~ss. ILHR 50.07, 50.08, 50.10 and 50.12 chs. ILHR 50 to 64.~~ Compliance with the provisions of this section does not relieve the owner from compliance with the administrative rules established in other related codes.

SECTION 7. ILHR 50.11 Note 2 is created to read:

ILHR 50.11 Note 2: Section ILHR 50.07 specifies which plans and specifications must be prepared by a registered architect, engineer or designer. Section ILHR 50.10 specifies which construction must be supervised by a registered architect, engineer or designer. Section ILHR 50.10 (2) specifies the owner's responsibilities in informing the department of the construction supervisor. Sections ILHR 50.10 (3) specifies the requirements for filing completion statements prior to occupancy. Section ILHR 50.12 specifies the requirements for plan submittal and approval. Section ILHR 50.12 (5) requires submittal of a plan approval application form, and that form must be signed by the owner.

SECTION 8. ILHR 50.12 (1) (e) is amended to read:

ILHR 50.12 (1) (e) Health care facilities and places of detention (ch. ILHR 58). Plans shall be submitted for double ceiling in existing places of detention only where other alterations are being made that affect exiting, natural lighting, fire hazard or structural components. If the increased occupant load does not require physical alteration to the existing structure, plans are not required to be submitted.

SECTION 9. ILHR 50.12 (1) (i) 2. c. is amended to read:

ILHR 50.12 (1) (i) 2. c. Plan examination and approval is required for the installation of ground mounted antenna structures exceeding 50 feet in height if the structure is located nearer to any street, public thoroughfare or property line than the height of the structure measured from ~~its~~ the base of the structure nearest to the street, thoroughfare or property line to the ~~topmost-point~~ highest point of the structure.

SECTION 10. ILHR 50.12 (3) (intro.) is amended to read:

ILHR 50.12 (3) (intro.) At least 4 complete bound sets of plans, which are clear, legible and permanent copies, and one copy of specifications shall be submitted for examination and approval before commencing construction. The plans shall be bound in a manner that enables them to be reviewed without removing the binding. The plans and specifications shall contain the following information:

SECTION 11. ILHR 50.12 (3) (a) is amended to read:

ILHR 50.12 (3) (a) General. All plans shall contain the name of the owner and the address of the building. The name and seal of the architect(s), engineer(s) or person(s) who prepared the plans shall appear on the title sheet, in accordance with s. A-E 1-04(4) 2.02(4), Wis-Adm-Code--registration-seals.

SECTION 12. ILHR 50.12 (4) (a) 2. b. is amended to read:

ILHR 50.12 (4) (a) 2. b. Information regarding the member design of the following structural components: Web configuration configuration, stress diagram or tabulation of axial force in the members, member size, grade of lumber, fabricated splices and member bracing for wood trusses; Web web configuration, stress diagram or tabulation of axial force in the members, member size, steel yield, fabricated splices and member bracing for steel joists and joist girders subjected to nonuniform loading; Specified specified concrete strengths, prestressing data including final effective forces and centroids, mild reinforcing including release and confinement steel, shear reinforcing, and stripping, transportation and erection handling points for precast concrete members; Species species of wood, bending stress of wood, adhesive and member sizes for laminated wood members; and

SECTION 13. ILHR 50.12 (4) (b) is amended to read:

ILHR 50.12 (4) (b) Energy conservation data. Calculations and specifications shall be submitted in accordance with s. ILHR 63.01 for the types of projects outlined in s. ILHR 63.001. Thermal performance information shall be provided as specified in s. ILHR 63.12.

SECTION 14. ILHR 50.125 (1) is amended to read:

ILHR 50.125 (1) AFFIXING WISCONSIN INSIGNIA. Each Wisconsin insignia shall be assigned and affixed to a specific manufactured manufactured multi-family dwelling in the manner approved by the department before it is shipped from the manufacturing plant. The serial number shall be located on the manufacturer's data plate.

SECTION 15. ILHR 50.13 (1) (d) is amended to read:

ILHR 50.13 (1) (d) The fee as specified in s. Ind-69-09 ch. ILHR 2.

SECTION 16. ILHR 50.14 (1) (d) is amended to read:

ILHR 50.14 (1) (d) Fees as specified in s. Ind-69-09 ch. ILHR 2.

SECTION 17. ILHR 50.155 (2) (b) is amended to read:

ILHR 50.155 (2) (b) A sprinkler material and test certificate shall provide at least the information as enumerated in NFPA 13, s. 5-6 8-1 or NFPA 13R, s. 2-1, depending upon the type of sprinkler system.

SECTION 18. ILHR 50.17 (2) is amended to read:

ILHR 50.17 (2) EXTENSION OF PLAN APPROVAL. Upon request and payment of the fee under ~~s--Ind-69-09-(7)~~ ch. ILHR 2, plan approval shall be extended for one 2-year period provided that the approved plans are revised to comply with the code in effect at the time of the extension request and the request is submitted during the original approval period.

SECTION 19. ILHR 50.19 (2) (b) 3. is amended to read:

ILHR 50. 19 (2) (b) 3. A fee as specified in ~~s--Ind-69-09-(2)~~ ch. ILHR 2.

SECTION 20. ILHR 50.19 (3) is created to read:

ILHR 50.19 (3) REQUIRED APPROVALS. An approval shall be obtained for:

- (a) Light transmitting plastics; and
- (b) Direct vent sealed combustion chamber appliances.

SECTION 21. ILHR 50.20 is amended to read:

ILHR 50.20 FEES. Fees for petitions for variance, material approval, plan examination and approval, and for inspection of buildings, structures and heating and ventilating shall be submitted as specified in ~~s--Ind-69-09~~ ch. ILHR 2. Fees shall be submitted at the time of application for approval is submitted. No plan examinations, approvals or inspections shall may be made until the fees are received.

SECTION 22. ILHR 51.01 (3a) Note is amended to read:

ILHR 51.01 (3a) Note: Approved diversified tests may include, but are not limited to: ASTM E 84 -- Test for Surface Burning Characteristics of Building Materials; ASTM E 119 -- Fire Tests of Building Construction and Materials; ASTM D 1929 -- Standard Test Method for the Ignition Properties of Plastics; FM 4880 -- Factory Mutual Building Corner Fire Test; ~~RICC-401~~ RICC-401 --- ~~Enclosed-Room-Corner-Test~~ and UL 1040 -- Outline of Investigation of Insulated Wall Construction.

SECTION 23. ILHR 51.01 (17n) is created to read:

ILHR 51.01 (17n) "Column" means an upright member in a building's structural framing, having a spacing of 48 inches or greater on center, which is constructed of heavy timber with nominal cross-sectional dimensions of at least 6 inches by 8 inches, precast or load-bearing concrete, masonry, or steel, and which is used primarily to support axial compressive loads.

SECTION 24. ILHR 51.01 (64) is amended to read:

ILHR 51.01 (64) ~~GRADE-(EXIT-DISCHARGE)~~---The "Grade, exit discharge" means the elevation of the finished exterior surface of paved or unpaved ground at directly below any exit discharge doorsill.

SECTION 25. ILHR 51.01 (75a), (a), (b), (c), (d) and (e) are amended to read:

ILHR 51.01 (75a) (a) "Class A interior finish" includes any material classified at 25 or less on the flame spread test scale and 450 or less on the smoke test scale in accordance with ASTM E 84 ~~--Test-of-Surface-Burning Characteristics-of-Building-Materials.~~

(b) "Class B interior finish" includes any material classified at more than 25 but not more than 75 on the flame spread test scale and 450 or less on the smoke test scale in accordance with ASTM E 84 ~~--Test-of-Surface-Burning characteristics-of-Building-Materials.~~

(c) "Class C interior finish" includes any material classified at more than 75 but not more than 200 on the flame spread test scale and 450 or less on the smoke test scale in accordance with ASTM E 84 ~~--Test-of-Surface-Burning Characteristics-of-Building-Materials.~~

(d) "Class I interior floor finish" includes any material with a minimum critical radiant flux of 0.45 watts per square centimeter as determined in accordance with ASTM E 648 ~~--Test-for-Critical-Radiant-Flux-of-Floor-Covering Systems-Using-a-Radiant-Heat-Energy-Source.~~

(e) "Class II interior floor finish" includes any material with a minimum critical radiant flux of 0.22 watts per square centimeter as determined in accordance with ASTM E 648 ~~--Standard-Method-of-Test-for Critical-Radiant-Flux-of-Floor-Covering-Systems-Using-a-Radiant-Heat-Energy Source.~~

SECTION 26: ILHR 51.01 (82) is amended to read:

ILHR 51.01 (82) "Mezzanine" means an intermediate floor level, either open or enclosed.

SECTION 27. ILHR 51.01 (82a) is repealed and recreated to read:

ILHR 51.01 (82a) "Mini-storage building" means an unoccupied compartmentalized building used for storage.

SECTION 28. ILHR 51.01 (86) (b) is amended to read:

ILHR 51.01 (86) (b) Materials having a structural base of noncombustible materials as defined in par. (a), with a surfacing not more than 1/8 inch thick which has a flame-spread classification (FSC) not greater than 50 when tested in accordance with ~~the method of test for surface burning characteristics of building materials (ASTM-E-84)~~ ASTM E 84.

SECTION 29. ILHR 51.01 (104) (b) is amended to read:

ILHR 51.01 (104) (b) ~~A permanent, recorded easement~~ A permanent easement recorded with the county register of deeds, on file with the department, on adjoining property providing control over the property eased.

SECTION 30. ILHR 51.01 (104a) is repealed and recreated to read:

ILHR 51.01 (104a) "Public building" has the meaning given in s. 101.01 (2) (g), Stats.

Note: Section 101.01 (2) (g), Stats., reads "'Public building' means any structure, including exterior parts of such buildings, such as a porch, exterior platform or steps providing means of ingress or egress, used in whole or in part as a place of resort, assemblage, lodging, trade, traffic, occupancy, or use by the public or by 3 or more tenants. When used in relation to building codes, 'public building' does not include a previously constructed building used as a community-based residential facility as defined in s. 50.01 (1g) which serves 20 or fewer unrelated residents or an adult family home certified under s. 50.032 (1) (b)."

SECTION 31. ILHR 51.01 (115) is repealed and recreated to read:

(115) "Setback" means the distance between the property line or public thoroughfare, and the nearest part of the building, as measured perpendicular to the bisector of the angle formed by the intersection or projected intersection of the building face with the property line or another building face.

Note: See Appendix A for further explanatory material.

[Note to Revisor: Delete reference to Appendix A on bottom of this code page.]

SECTION 32. ILHR 51.01 (120b) is repealed and recreated to read:

ILHR 51.01 (120b) "Step" means one riser and one tread.

SECTION 33. ILHR 51.01 (125m) is created to read:

ILHR 51.01 (125m) "Stud" means an upright member of a framing wall, having a spacing of less than 48 inches on center, and which is primarily intended to have sheathing fastened to it.

SECTION 34. ILHR 51.015 is amended to read:

ILHR 51.015 SCOPE. This section chapter covers minimum standards for common types of building designs currently being constructed. This section chapter does not specifically include classification standards for uncommon building designs such as shells, domes, space frames, inflatable and similar types of designs. The standards contained herein in this chapter shall be used as a guide for such uncommon building designs to achieve the degrees of safety intended by these standards.

SECTION 35. ILHR 51.02 (3) (a), (c) and (d) are renumbered ILHR 51.02 (3) (a), (b) and (c) and 51.02 (3) (a), (b) 1. (intro.) and b. and 3. and (c), as renumbered, are amended to read:

ILHR 51.02 (3) (a) General. ~~Except as provided in parts (c) and (d),~~ all All floor framing shall satisfy the requirements of Table 51.03-A, unless more restrictive requirements are noted under the occupancy chapters of this code.

(b) Permanent raised platforms. 1. Permanent raised platforms shall be constructed of the types of materials and fire resistive properties as specified in:

b. Table 51.03-A line 18 for the appropriate class of construction, if the platform is directly supported by a structural floor system which satisfies the appropriate material and fire resistive properties as outlined in Table 51.03-A line 3 or 4.

3. The highest floor level of a permanent raised platform which is constructed in accordance with subd. 1. b. may not exceed be more than 3 feet above the structural floor.

(c) Temporary platforms. Temporary raised platforms may be provided and shall be designed and constructed to support the dead loads and live loads as specified in ss. ILHR 53.10 and 53.11. A temporary raised platform to be used for more than 30 consecutive days shall conform with ~~par--(c)~~ par. (b), the requirements for permanent raised floors.

SECTION 36. ILHR 51.02 (7) (a) 1. and 2. are amended to read:

ILHR 51.02 (7) (a) 1. Where the combined gross area for these buildings, including the area between buildings, is less than that allowable for one building, the exterior wall shall satisfy minimum requirements listed for class of construction in Table 51.03-A.

2. Where the combined gross area for these buildings, including the area between buildings, is greater than that allowable for one building, one of the opposing walls shall be not less than a 4-hour fire-resistive rated fire division wall or building division wall, whichever applies. Where buildings are of different classes of construction, the lesser allowable gross area shall apply.

SECTION 37. ILHR 51.02 (7) (b) is created to read:

ILHR 51.02 (7) (b) Buildings on the same property may be located less than 30 feet from each other with no restriction on the percentage of wall openings, provided the combined gross area of the buildings, including the area between the buildings, is no more than the area permitted by the occupancy chapters of this code.

SECTION 38. ILHR 51.02 (9) is amended to read:

ILHR 51.02 (9) IMBEDDED MATERIALS. (a) Structural members. ~~Except as provided in part (b),~~ pipes, wires, cables, ducts or other service equipment shall not be imbedded in the required fire-resistive protection of any structural member.

(b) ~~+~~ Assemblies. Pipes, wires, cables, metallic ducts or other service equipment may be imbedded or installed as:

1. As permitted in approved fire-rated assemblies; or

2. ~~Pipes, wires, cables, metallic ducts or other service equipment may be imbedded or installed in~~ In fire-resistive assemblies of 2-hour 2-hour rating or less in buildings of Types No. 4 to 8 construction. The pipe, wire, cable, metallic duct or other service equipment shall be contained within the fire-resistive rated assembly.

SECTION 39. ILHR 51.02 (15) is repealed and recreated to read:

ILHR 51.02 (15) DECORATIVE COMBUSTIBLE MATERIALS. Any combustible materials applied to a required noncombustible exterior surface of "0" hourly rated construction or better shall not exceed the surface area percentage specified in Table 51.02, within any 100 lineal feet of a building.

TABLE 51.02

Separation of Building From Property Line or Other Buildings ¹	Maximum Surface Area Percentage ²
Less than 10 feet	0
10 to 20 feet	10
20 to 30 feet	20
More than 30 feet	30

Footnotes to Table 51.02

1. The maximum surface area percentage along a street is 30, regardless of the separation.
2. Fire-retardant treated wood may be applied to all required noncombustible exterior surfaces of "0" hourly rated construction without limit.

SECTION 40. ILHR 51.02 (16) is created to read:

ILHR 51.02 (16) PROJECTIONS INTO SETBACKS. (a) Unenclosed terraces, slabs or stoops, without roofs or walls, may be located within required setbacks providing they are not greater than 7 inches above adjacent grade at any point and are in contact with the ground to prevent an exposed cavity which could promote fire or smoke. Grade changes from these appendages shall be of a gradual slope.

(b) Open cantilevers, including but not limited to roof overhangs and eaves, may project 2 feet into the required setback from property lines. These cantilevers shall not project into the required setbacks between buildings on the same property.

(c) Enclosed or partially enclosed appendages, including but not limited to decks, porches or ramps, shall not project into the required setbacks from property lines or buildings on the same property.

SECTION 41. ILHR 51.02 (23) is created to read:

ILHR 51.02 (23) WOOD BLOCKING IN NONCOMBUSTIBLE RATED ASSEMBLIES AND ROOF ASSEMBLIES. Combustible wood blocking may be installed:

(a) At the intersection of roofs with exterior walls or parapet walls to fasten roof edging, roof membranes, facias and roofing expansion joints; and

(b) In noncombustible rated wall assemblies to fasten window frames, door frames, sinks, toilets and urinals, toilet partitions, grab bars, book shelves, and other similar components. In these applications, the amount of wood blocking shall not exceed that required to secure or fasten the item to the assembly.

SECTION 42. ILHR 51.03 (2) Table 51.03-A is amended to read:

TABLE 51.03-A
CLASSES OF CONSTRUCTION FIRE-RESISTIVE RATINGS IN HOURS

BUILDING ELEMENT	MODIFYING CONDITIONS		TYPES OF CONSTRUCTION									APPLICABLE NOTES SEE S. ILHR 51.03 FOR CONSTRUCTION STANDARDS
	SEE NOTES f g p BLDG SETBACK DIST. TO P/L OR TO OTHER BLDG. ON SAME PROP.	NUMBER OF STORIES	FIRE RESISTIVE TYPE A	FIRE RESISTIVE TYPE B	METAL FRAME PROTECTED	HEAVY TIMBER	EXTERIOR MASONRY, PROT	EXTERIOR MASONRY, UNPROT	METAL FRAME UNPROTECTED	WOOD FRAME PROTECTED	WOOD FRAME UNPROTECTED	
			No. 1	No. 2	No. 3	No. 4	No. 5A	No. 5B	No. 6	No. 7	No. 8	
1. INTERIOR SUPPORTS (columns, piers, frame legs, posts)		Over 8 stories or more than 85 ft. in height	NC-4	NC-3	NP	NP	NP	NP	NP	NP	NP	a d
2.		8 stories or 85 ft. in height or less	NC-3	NC-2	See s. ILHR 51.03 (3) NC-1	See s. ILHR 51.03 (4) H.T. or NC-1	See s. ILHR 51.03 (5) 1	See s. ILHR 51.03 (5) 0	See s. ILHR 51.03 (6) NC-0	See s. ILHR 51.03 (7) 1	See s. ILHR 51.03 (8) 0	a d
3. FLOOR FRAMING (beams, girders, joists, slabs, deck)		More than 2 stories	NC-3	NC-2	See s. ILHR 51.03 (3) NC-1	See s. ILHR 51.03 (4) H.T. or NC-1	See s. ILHR 51.03 (5) 1	See s. ILHR 51.03 (5) 0	See s. ILHR 51.03 (6) NC-0	1	0	a
4.		2 stories or less	NC-2	NC-1	NC-1	See s. ILHR 51.03 (4) H.T. or NC-1 1 Story H.T. or 0	1	0	See s. ILHR 51.03 (6) NC-0 or 1	1	0	a
5. ROOF FRAMING (trusses, beams, girders, joists, frame rafters, purlins, deck)		Over 8 stories or more than 85 ft. in height	NC-2	NC-1-1/2	NP	NP	NP	NP	NP	NP	NP	a
6.		3 to 8 stories or 85 ft. in height or less	NC-2	NC-1-1/2	NC-1	See s. ILHR 51.03 (4) H.T. or NC-1	1	0	NC-0	1	0	a
7.		2 stories or under 25 ft. in height	NC-1	NC-1	NC-1	See s. ILHR 51.03 (4) H.T. or NC-1	See s. ILHR 51.03 (5) 1	See s. ILHR 51.03 (5) 0	NC-0	See s. ILHR 51.03 (7) 1	0	a
8.		1 story - roof framing more than 20 ft. above fl.	NC-0	See s. ILHR 51.03 (2) NC-0	NC-0	See s. ILHR 51.03 (4) H.T. or NC-1	0	0	0	0	0	a
9.		1 story - roof framing 20 ft. or less above fl.	NC-1	NC-1	NC-1	See s. ILHR 51.03 (4) H.T. or NC-1	1	0	0	See s. ILHR 51.03 (7) 1	0	a
10. ROOF COVERING			CLASS A	CLASS A	CLASS A	CLASS B	CLASS B	CLASS B	CLASS C	CLASS C	CLASS C	a
11. EXTERIOR WALLS & COURT WALLS (not including includes columns in the plane of the wall and outward therefrom. Does not include interior furring attached to inside surface of wall) (see Table 51.03-B concerning openings)		Bearing - Less than 10 ft.	NC-4	NC-3	NC-2	NC-2	2	2	NC-2	See s. ILHR 51.03(7)(a) 4	See s. ILHR 51.03 (8)(d) 4	a d e f h
12.		Bearing - 10 ft. to 30 ft. inclusive	NC-3	NC-2	NC-3/4	1	2	1	NC-0	1	0	a c d e f h
13.		Bearing - Over 30 ft.	NC-2	NC-1	NC-0	1	2	1	NC-0	1	0	a c d e f h
14.		Nonbearing - Less than 10 ft.	NC-2	NC-2	NC-1	NC-1	2	1	NC-1	See s. ILHR 51.03(7)(e) 4	See s. ILHR 51.03(8)(d) 4	a d e f h
15.		Nonbearing - 10 ft. to 30 ft. inclusive	NC-1	NC-1	NC-0	1	2	1	NC-0	1	0	a c d e f h
16.		Nonbearing - Over 30 ft.	NC-0	NC-0	NC-0	3/4	1	0	NC-0	1	0	a c d e f h k
17. INTERIOR WALLS BEARING			NC-3	NC-2	NC-1	1	1	1	NC-0	1	0	a i
18. PARTITIONS			NC-0	NC-0	NC-0	0	0	0	0	0	0	a i
19. REQUIRED EXIT CORRIDOR ENCLOS.			NC-2	NC-2	NC-1	1	1	1	1	1	1	a
20. FIRE ENCLOSURE (stairways, elevators, vertical shafts)		Over 3 stories 3 stories or less	NC-2	NC-2	NC-2	2	2	1	1	1	1	a f
21. PENTHOUSE WALLS			NC-0	NC-0	NC-0	0	NC-0 or 3/4	NC-0 or 3/4	0	0	0	a h
22. PENTHOUSE ROOF			NC-0	NC-0	NC-0	0	0	0	0	0	0	a h

KEY TO ABBREVIATIONS

NC - Noncombustible
NP - Not Permitted
H.T. - Heavy Timber
P/L - Property Line

KEY EXAMPLE TO READING CHART

0 = 0, (No Hour Rating)
1 = Combustible or Noncombustible 1-Hour Rating
NC-0 = Noncombustible 0-Hour Rating

a - See occupancy sections of the code for other basic requirements and more restrictive limitations.
b - Roof covering same as for main building.
c - Walls of solid wood 4 inches in thickness are acceptable as equal to 1-hour fire-resistive rating.
d - Fire-resistive requirements also apply for those bracing members required for gravity loading.
e - Refer to Table 51.03-B for allowable areas for windows and other openings in exterior walls.
f - For exceptions, refer to s. ILHR 51.02.
g - Setbacks and distances to P/L or other buildings on same property do not apply to P/L along streets.
h - Approved fire-retardant treated wood will be accepted in lieu of 3/4-hour fire-resistive ratings.
i - For openings in partitions and interior bearing walls, see s. ILHR 51.02.
k - Hourly ratings specified as for fire exposure from the inside of the building only.
m - See Table 51.03-C concerning height limitations.
n - Setbacks shall be measured as specified in ILHR 51.01 (1)(3).
p - Chapter ILHR 18 requires a fire service and a machine room with at least a 2-hour fire-resistive rating for elevator runs of 25 feet or more. Shafts for these elevators shall have a fire-resistive rating of at least 2 hours.

SECTION 43. ILHR 51.03 (2) Table 51.03-B is amended to read:

[Note to Revisor. Shift column headings 6, 7 and 8 to right, one column each. Printing error.]

TABLE 51.03-B
 MAXIMUM TOTAL ALLOWABLE AREA OF WINDOWS OR OTHER WALL OPENINGS
 IN PERCENT OF TOTAL EXPOSED EXTERIOR WALL SURFACE

Setback from Property Line, or Other Walls on Same Property ^{1,4}	Class of Construction		6. Metal Frame Unprotected	7. Wood Frame Protected	8. Wood Frame Unprotected	
	1. Fire-Resistive "A"	2. Fire-Resistive "B"				
	3. Metal Frame Protected	4. Heavy Timber				
	5. Exterior Masonry					
	<u>Bearing Wall</u>	<u>Nonbearing Wall</u>				
Less than 5'	No Openings	No Openings	No Openings	Not Permitted	Not Permitted	Not Permitted
5' to less than 10'	20% ² Fire window required ³	30% ² Fire window required ^{2,3}	30% ¹	Not Permitted	Not Permitted	Not Permitted
10' to less than 30'	30% ¹	40% ²	40% ²	40% ²	40% ²	40% ²
30' or over	No Limit	No Limit	No Limit	No Limit	No Limit	No Limit

¹ Does not apply to property lines along streets.

² Tabulated percentage of openings shall be applied to each 100 lineal feet of wall. This tabulation will not allow wing walls or high parapets, etc., to be used to increase exposed wall areas and thereby increase allowable total area of openings. Where openings are permitted, such openings protected with approved automatic-closing, 3-hour fire door or shutter assemblies—No Limit.

³ Fire windows shall be as required for moderate fire exposure—see ILHR 51.048.

⁴ Setbacks shall be measured as specified in s. ILHR 51.01 (115).

SECTION 44. [Note to Revisor: Please add additional return between last footnote of Table 51.03-C and ILHR 51.03 (2) (b).]

SECTION 45: ILHR 51.03 (1) (f) is repealed and recreated to read:

ILHR 51.03 (1) (f) The wall construction behind a mansard shall extend to the underside of the roof deck and shall have a fire-resistive rating of not less than that specified for exterior walls in Table 51.03-A.

SECTION 46: ILHR 51.03 (2) (g) is repealed and recreated to read:

ILHR 51.03 (2) (g) The wall construction behind a mansard shall extend to the underside of the roof deck and shall have a fire-resistive rating of not less than that specified for exterior walls in Table 51.03-A.

SECTION 47: ILHR 51.03 (3) (e) is repealed and recreated to read:

ILHR 51.03 (3) (e) The wall construction behind a mansard shall extend to the underside of the roof deck and shall have a fire-resistive rating of not less than that specified for exterior walls in Table 51.03-A.

SECTION 48. ILHR 51.03 (4) (g) is amended to read:

ILHR 51.03 (4) (g) Stair construction may be of wood in buildings not exceeding 3 stories in height. In 4-story buildings of 4 or more stories, all stairs, platforms and stair construction shall be constructed of noncombustible material.

SECTION 49. ILHR 51.03 (5) (e) is amended to read:

ILHR 51.03 (5) (e) Floors, roofs, partitions and stairs may be of wood but no joist, rafter, stud-~~or~~, stringer, truss member or top and bottom member of a wood I-Beam shall ~~may~~ be less than 2 inches in nominal thickness.

SECTION 50. ILHR 51.03 (5) (g) is repealed.

SECTION 51. ILHR 51.03 (5) (h) is renumbered ILHR 51.03 (5) (g).

SECTION 52. ILHR 51.03 (7) (c) is amended to read:

ILHR 51.03 (7) (c) Floors, roofs, partitions and stairs may be of wood but no joist, rafter, stud-~~or~~, stringer, truss member or top and bottom member of a wood I-Beam shall ~~may~~ be less than 2 inches in nominal thickness.

SECTION 53. ILHR 51.03 (8) (c) is amended to read:

ILHR 51.03 (8) (c) Floors, roofs, partitions and stairs may be of wood but no joist, rafter, stud or stringer, truss member or top and bottom member of wood I-Beam shall may be less than 2 inches in nominal thickness.

SECTION 54. ILHR 51.042 (2) (a) is renumbered ILHR 51.042 (2).

SECTION 55. ILHR 51.042 (4) (a) is renumbered ILHR 51.042 (4) and amended to read:

ILHR 51.042 (4) All products manufactured and tested according to ASTM standard methods prior to the effective dates of the standards specified in "Fire-Resistive-Standards-for-Materials-of-Construction" ASTM E 119 shall be accepted unless the ASTM standard method used in the test is judged to be inadequate in comparison with the most currently adopted standard method.

SECTION 56. ILHR 51.046 (1) (a) (intro.) and 51.046 (1) (a) 1. to 5. are renumbered ILHR 51.046 (2) (intro.) and ILHR 51.046 (2) (a) to (e) and amended to read:

ILHR 51.046 (2) Appropriate research data and design criteria to substantiate the method, interpreting between known information, shall accompany the above material and shall include:

(a) Time -- temperature relationship ~~ASTM-E-119~~ ASTM E 119.

(b) The temperature -- strength characteristics of the structural components.

(c) The time -- temperature characteristics of the insulating material, at the temperature range designated by ~~ASTM-E-119~~ ASTM E 119.

(d) The expansion characteristics of the materials comprising the member, at the temperature range designated by ~~ASTM-E-119~~ ASTM E 119.

Note: For ~~ASTM-E-119~~ ASTM E 119 standards adopted see ~~s. ILHR 51.25 (49)~~ s. ILHR 51.25 (4) Table 51.25-10. ~~2-~~The department will accept published research data from the Portland Cement Association, the American Iron & Steel Institute, and the American Institute of Steel Construction, Inc.

(e) The safety factor of not less than 1.0 shall be maintained at the end of the time requirement for the full design live load and dead load.

SECTION 57. ILHR 51.047 (1) (a) 2. is amended to read:

ILHR 51.047 (1) (a) 2. An opening ~~accommodating~~ accommodating a conveyer system in a fire-resistive rated wall or wall assembly may be protected by means of ~~a deluge sprinkler directed nozzles in a water spray~~ system which is designed and installed in accordance with NFPA ~~13~~ 15 and which is provided on both sides of the opening, in lieu of a fire-resistive rated door assembly. This opening shall be no larger than needed to accommodate the conveyer and the material being conveyed.

SECTION 58. ILHR 51.047 (1) Table 51.047 is amended to read:

**TABLE 51.047
MINIMUM FIRE-RESISTIVE RATINGS OF DOOR ASSEMBLIES**

Fire-Resistive Rating of A Wall or Wall Assembly	Fire-Resistive Rating of Door Assembly ¹
4-hour	3-hour A
3-hour	3-hour A
2-hour	1-1/2-hour B
1-hour	3/4-hour C

Footnote to Table 51.047

¹ The letter A, B or C following the hourly rating designates the location for which the assembly is designed, which is intended to agree with NFPA Standard 80. Compliance with the hourly rating is required regardless of the letter designation.

SECTION 59. ILHR 51.048 (1) is amended to read:

ILHR 51.048 (1) WINDOW OPENINGS. Window openings, where permitted in fire-rated walls, shall be protected with fire window or glass block assemblies rated as 3/4-hour by an approved laboratory and tested in accordance with ~~ASTM-E-163-standard method~~ ASTM E 163-[ILHR-51.25-(53)].

SECTION 60. ILHR 51.049 (3) (intro.) and (b) are amended to read:

ILHR 51.049 (3) PLASTIC PIPING AND ELECTRICAL SYSTEM COMPONENTS. Penetrations of required fire-resistive rated floor, wall, ceiling and roof assemblies by ~~plastic plumbing piping~~ plastic piping and electrical system components shall be in accordance with one of the following:

(b) For ~~plastic plumbing-pipes piping, conduits or raceways,~~ plastic piping, conduits or raceways, substitute a steel or cast iron pipe ~~where it penetrates or conduit in the penetration of the fire-rated assembly and extend it for~~ to a distance of a at least 10 inches beyond both faces of the assembly.

SECTION 61. ILHR 51.05 and Note are amended to read:

ILHR 51.05 ROOF COVERINGS. Roof coverings of class A, B, C or unclassified shall be provided as specified under "Classes of Construction" s. ILHR 51.03 (1) to (8) or under the specific occupancy requirements of chs. ILHR 54 to 62.

Note: Brick, concrete, tile, slate, and ferrous, and cupreous and other metals and their alloys will be accepted as "Class A" roof coverings.

SECTION 62. ILHR 51.06 (4) (e) 2. and 3. are amended to read:

ILHR 51.06 (4) (e) 2. ~~Shall~~ May not be limited as to flame spread rating if it is a component of a factory-made composite insulation or assembly and the roof system complies with the calorimeter requirements of FM 4450, ~~Approval-Standard-for-Glass-I-Insulated-Steel-Roof-Decks,~~ or UL 1256, ~~Outline-of-Investigation-for-Roof-Deck-Construction;~~

3. May be installed without a protective thermal barrier if the foam plastic has a flame spread rating of 75 or less when tested at the maximum thickness intended for use and the roof system complies with the calorimeter requirements of FM 4450, ~~Approval-Standard-for-Glass-I-Insulated-Steel-Roof-Decks,~~ or UL 1256, ~~Outline-of-Investigation-for-Roof-Deck-Construction;~~ and

SECTION 63. ILHR 51.06 (5) (b) 3. is amended to read:

ILHR 51.06 (5) (b) 3. Foam plastic shall be protected by a thermal barrier as specified in sub. ~~4~~ (3) when the foam plastic is installed in an attic or crawl space and the area is used for storage or air handling purposes.

SECTION 64. ILHR 51.065 (1) (b) 1. (intro.), a. and b. and (2) (a) are amended to read:

ILHR 51.065 (1) (b) 1. Approved light-transmitting plastic specified under s. ILHR 50.19 shall meet one of the following combustibility classifications:

a. CC 1 -- Plastic materials which have a burning extent of one inch per minute or less when tested in nominal ~~0.060-inch-thickness~~ 0.060 inch-thickness or in the thickness intended for use by ASTM D 635, ~~Test-for-Flammability-of-Self-Supporting-Plastics;~~ or

b. CC 2 -- Plastic materials which have a burning rate of 2.5 inches per minute or less when tested in nominal ~~0.060-inch-thickness~~ 0.060 inch-thickness or in the thickness intended for use by ASTM D 635, ~~Test-for-Flammability-of-Self-Supporting-Plastics.~~

(2) (a) "Approved light-transmitting plastic" means a single layer or ~~multi-layer~~ multilayered composite consisting of thermoplastic, thermosetting or reinforced plastic material which has a self-ignition temperature 650° F or greater when tested in accordance with ~~Standard-Method-of-Test-for-Ignition-Properties-of-Plastics,~~ ASTM D 1929, a smoke density rating no greater than 450 when tested in accordance with ~~Standard-Method-of-Test-for-Surface-Burning-Characteristics-of-Building-Materials,~~ ASTM E 84 in the way intended for use, or a smoke density rating no greater than 75 when tested in the thickness intended for use by ~~Standard-Method-for-Measuring-the-Density-of-Smoke-from-the-Burning-or-Decomposition-of-Plastics,~~ ASTM D 2843. ~~Multi-layer~~ Multilayered composite material shall comply as a composite in the configuration intended for use.

SECTION 65. Note to Revisor. Correct column headings in ILHR 51.07 (5) Table ILHR 51.07, as shown below. Printing error.

TABLE 51.07
MINIMUM INTERIOR FINISH REQUIREMENTS
(Partial Table)

Occupancy	Required Exit Enclosures ¹		Exit Access ^{1,2}		Rooms or Enclosed Spaces ^{1,2}	
	Walls & Ceilings ⁴	Floor ⁵	Walls & Ceilings ⁴	Floor ⁵	Walls & Ceilings ⁴	Floor ^{3,5}

SECTION 66. ILHR 51.08 (2) is renumbered ILHR 51.08 (3).

SECTION 67. ILHR 51.08 (2) is created to read:

ILHR 51.08 (2) (a) Except as provided in par. (b), any building governed by chs. ILHR 50 to 64 that is attached to a single-family residence shall have a separation that is equivalent to the most stringent fire ratings required by chs. ILHR 50 to 64 for the construction features of the building.

(b) The separation specified in par. (a) is not required where the attached residence includes construction features that provide compliance with the applicable requirements of chs. ILHR 50 to 64, including but not limited to, furnace and garage isolation, shaft enclosures, class of construction, number of stories, and distance to property lines or other buildings.

SECTION 68. ILHR 51.14 (2) (b) and (c) and (5) (a) are amended to read:

ILHR 51.14 (2) (b) Material. Safety glazing shall include any glazing material including but not limited to tempered glass, laminated glass, wired glass, safety plastic, or safety insulating units which meet the test requirements of ~~the American National Standards Institute (ANSI) standard Z97.1-1975~~ ANSI Z97.1, and which are constructed, treated or combined with other materials so as to minimize the likelihood of cutting and piercing injuries resulting from human impact with the glazing material.

(c) Labeling. Safety glazing materials shall be labeled with a permanent label by such means as etching, sand blasting, firing of ceramic material, or hot die stamping. The label shall be legible and visible after installation. Labels identifying safety glazing materials may be omitted provided that a notarized affidavit or invoice is submitted to the department or owner upon request certifying the installation of safety glazing material. The label or affidavit shall identify the seller, manufacturer, fabricator, or installer, the nominal thickness and type of safety glazing material, and the fact that the material meets the test requirements of ~~the American National Standards Institute (ANSI) standards Z97.1-1975~~ ANSI Z-97.1.

(5) (a) Skylights. All glazing in skylights shall be safety glazing material, and light-transmitting plastic shall comply with the requirements specified in s. ILHR 51.065 (5) or (6).

SECTION 69. ILHR 51.15 (1) is amended to read:

ILHR 51.15 (1) STANDARD EXIT DOORS. (1) Every door which serves as a required exit door or exit access door from a an area, room, public passageway, stairway or building shall be a standard exit door, unless exempted by the occupancy requirements of this code.

SECTION 70. ILHR 51.15 (2) and (3) (c) are amended to read:

ILHR 51.15 (2) Every standard exit door shall swing outward or toward the natural means of egress. It shall be level with the floor, and shall be so hung that, when open, it will not block any part of the required width of any other doorway, passageway, stairway or fire escape. No revolving door, overhead door or sliding door shall may be considered as a standard exit, except as permitted in ~~ss. ILHR-54.06, 55.10 and 59.13~~ the occupancy chapters of this code.

(3) (c) Upon written request to the department by the owner, key-locking, or securing, of exits may be approved in fire-resistive buildings, or parts of fire-resistive buildings, which are used as jails, prisons, mental institutions, asylums, nursing homes with senile patients, and similar type occupancies which were constructed prior to January 1, 1982.

SECTION 71. ILHR 51.15 (3) (c) Notes 1 and 2 are renumbered ILHR 51.15 (3) (c) Notes 2 and 3. [Note to Revisor: Delete "#" prior to both note numbers.]

SECTION 72. ILHR 51.15 (3) (c) Note 1 is created to read:

ILHR 51.15 (3) (c) Note 1: This code paragraph applies only to buildings constructed prior to 1982. Refer to ch. ILHR 58 for buildings constructed after 1981.

SECTION 73. ILHR 51.15 (3) (h) is created to read:

ILHR 51.15 (3) (h) Any door in a required means of egress serving an area or areas having an occupant load of 100 or more persons shall be provided with panic hardware. Acceptable panic hardware shall be a door latching assembly which complies with subds. 1. to 3.

1. The assembly shall cause the door latch to release and the door leaf to open, when a force of 15 pounds and greater is applied in the direction of egress, to a bar or panel.

2. The activating portion of the bar or panel in par. (a) shall extend not less than one-half the width of the door leaf, and shall be mounted at a height of at least 30 inches but no more than 44 inches above the floor.

3. The force specified in par. (a) shall be applied at the latch side of the door.

SECTION 74. ILHR 51.152 is created to read:

ILHR 51.152 EGRESS CONFIGURATION. (1) EGRESS DIRECTIONS. (a) Where 2 directions of egress are required, and are provided by doors opening into corridors, the angle between the 2 directions shall not be less than 90°.

(b) An angle between directions of egress within a space shall be satisfactory providing passageways are maintained to corridor access points separated a distance of at least one-half of the diagonal of the area served, or 20 feet, whichever is greater.

(2) RECESSED DOORS. Where 2 directions of egress are required, and are provided by recessed doors opening into the corridors, the doors shall be recessed no more than 3 feet into an alcove serving only that exit access, and the alcove width shall be at least 3 feet.

Note: See Appendix A for further explanatory material.

SECTION 75. ILHR 51.16 (3) (a) is amended to read:

ILHR 51.16 (3) (a) Except as provided in ~~par-~~ pars. (b) and (c), every required exit stairway or ramp under chs. ILHR 54 to 62 shall be not less than 3 feet 8 inches wide, except as provided in the occupancy chapters, of which not more than 4 inches on each side may be occupied by a handrail. The clear dimension between handrails, or stringers, shall not be less than 3 feet 0 inches.

SECTION 76. ILHR 51.16 (3) (c) is created to read:

ILHR 51.16 (3) (c) A required stairway or ramp serving a space with an occupant load not greater than 25 persons shall have a width of not less than 3 feet.

SECTION 77. ILHR 51.16 (4) (a) is renumbered ILHR 51.16 (4) (a) 1. and amended to read:

ILHR 51.16 (4) (a) 1. ~~All~~ Except as provided in subd. 2., all stairways and steps shall have a rise of not more than ~~7-3/4~~ 7 inches measured from tread to tread, and a tread of not less than ~~9-1/2~~ 11 inches, measured from nosing to nosing of tread to tread and from riser to riser. The slope of a tread may not exceed 1/4 inch per foot for the depth of the tread. Treads and risers shall be uniform in any one flight. ~~Winders shall~~ may not be used. Open risers may not be used;

SECTION 78. ILHR 51.16 (4) (a) 2. is created to read:

ILHR 51.16 (4) (a) 2. Existing stairways and steps in existing buildings, where a change in occupancy is occurring, may remain in use if they were constructed in accord with the requirements of this code relating to the proposed occupancy, that were in effect at the time of that construction.

[Note to Revisor: Delete "#" prior to note numbers in this paragraph.]

SECTION 79. ILHR 51.16 (5) (c) is repealed.

SECTION 80. ILHR 51.161 (3) is amended to read:

ILHR 51.161 (3) HEIGHT. ~~Handrails-except-those-serving-fire-escapes~~ The top of the handrail gripping surface shall be not less than 30 inches nor more than 34 inches mounted between 34 inches and 38 inches above the nosing of the treads on stairways or above the surface of ramps.

SECTION 81. Note to Revisor: ILHR 51.161 (b) should be ILHR 51.161 (7).
Printing error.

SECTION 82. ILHR 51.162 (4) (a) is amended to read:

ILHR 51.162 (4) (a) Exception. Guardrails within an individual living unit's unit, or on an exterior appurtenance accessible only to the occupant of that unit, may be 36 inches in height.

SECTION 83. ILHR 51.20 (8) (intro.) is amended to read:

ILHR 51.20 (8) RAILINGS. A railing at least 42 inches in height, measuring vertically from the floor of the platform, shall be provided on all open sides of platforms. Railings at least 36 inches in height, measuring vertically from the nose of the treads, shall be provided on the open sides of all stairways and on both sides of balanced stairways. Either a railing or a handrail fastened to the wall shall be provided on each side of all "B" fire escape stairways. Railings on fire escapes subject to use by children shall have intermediate rails or an ornamental pattern designed to prevent the passage of an object with a diameter larger than 9 6 inches. Railings on fire escapes not subject to use by children shall be provided with 2 uniformly spaced intermediate rails.

SECTION 84. ILHR 51.21 (7) (b) Note is amended to read:

ILHR 51.21 (7) (b) Note: ~~NFPA No. 13 --Standard-for-Installation-of Sprinkler-Systems,~~ defines light hazard ~~occupancy~~ occupancies as occupancies where the quantity and/or combustibility of contents is low and fires with relatively low rates of heat release are expected, such as: churches; clubs; educational; hospitals; institutional; libraries, except large stack rooms; museums; nursing or convalescent homes; offices, including data processing; residential; restaurant seating areas; theaters and auditoriums, excluding stages and prosceniums; and unused attics.

SECTION 85. ILHR 51.23 (4), (6) (a) and (b) Note, and (7) (intro.) are amended to read:

ILHR 51.23 (4) FIRE DEPARTMENT CONNECTION. Except as provided in s. ILHR 57.016 (1) (a), every automatic fire sprinkler system installed in accordance with NFPA No. 13 shall have an approved fire department connection as specified in NFPA 13. The connection shall be marked "Sprinkler". If standpipes are also supplied by the hose connection, the sign shall read "Standpipe and Automatic Sprinkler". The elevation of the connection shall be not less than 18 inches nor more than 42 inches above the sidewalk or ground.

If municipal water is available at the building site, the fire department connection shall be located within 150 feet of a municipal fire hydrant, unless the fire department provides a written statement accepting a specified greater distance.

(6) MAINTENANCE. (a) All installed automatic sprinkler systems, whether required by this code or not, shall be properly maintained for efficient service pursuant to NFPA No. ~~13A~~ 25. Owners or operators shall be responsible for the condition of their sprinkler system and shall use due diligence in keeping the system in good operating condition. ~~A copy of the inspection report~~ Records of inspections, tests and maintenance, as specified in NFPA No. ~~13A~~ 25 shall be kept and shall be made available, upon request, to the department or its authorized deputies. The local fire department shall be notified whenever the automatic fire sprinkler system is shut down or impaired and when it is placed back in service. The owner shall arrange for immediate and continual servicing or repair of the automatic fire sprinkler system until it is placed back in operation.

(6) (b) Note: See ss. ILHR 81.10 (6) and 81.11 (9) and s. 145.165, Stats., for additional requirements pertaining to maintenance and repair ~~of~~ of automatic fire sprinkler systems.

(7) PARTIAL AUTOMATIC FIRE SPRINKLER SYSTEMS. Partial automatic fire sprinkler systems may be connected without a fire department connection to the domestic water supply service or a first-aid standpipe or a fire department standpipe provided all of the following conditions are satisfied:

SECTION 86. ILHR 51.245 (1) and (2) are amended to read:

ILHR 51.245 (1) GENERAL REQUIREMENTS. All required smoke detectors shall be approved by the department and shall comply with the provisions of NFPA No. ~~72E~~ ~~1982~~ ~~Standard on Automatic Fire Detectors~~ or NFPA No. ~~74~~ ~~1980~~ ~~Household Fire Warning Equipment~~.

(2) INSTALLATION. (a) Smoke detectors and smoke detector systems shall be installed in accordance with the provisions of NFPA No. ~~72E~~ ~~1982~~ ~~Standard on Automatic Fire Detectors~~ or NFPA No. ~~74~~ ~~1980~~ ~~Household Fire Warning Equipment~~ and in accordance with the manufacturer's directions and specifications.

(b) Except as provided in s. ILHR 57.16 (2) (b), all smoke detectors interconnected with each other or with the manual fire alarm system shall be installed in accordance with the provisions of NFPA No. ~~72A~~ ~~1979~~ ~~Standard for the Installation, Maintenance and Use of Local Protective Signaling Systems for Guards-Tour, Fire Alarm and Supervisory Service~~. Where smoke detectors are interconnected with the manual fire alarm system, the smoke detectors shall be wired in accordance with the provisions specified in s. ILHR 16.34.

SECTION 87. ILHR 51.25 (4) (intro.) Note is created to read:

ILHR 51.25 (4) (intro.) Note: The tables in this section provide a comprehensive listing of all of the standards adopted by reference in this code. For requirements or limitations in how these standards are to be applied, refer to the code section that requires compliance with the standard.

SECTION 88. ILHR 51.25 (4) Table 51.25-2 is amended to read:

Table 51.25-2

ACI	American Concrete Institute P.O. Box 19150 Detroit, Michigan 48219
Standard Reference Number	Title
<u>1. 318-89 (Revised 1992)</u>	<u>Building Code Requirements for Reinforced Concrete.</u>
<u>2. 318.1-89 (Revised 1992)</u>	<u>Building Code Requirements for Structural Plain Concrete.</u>
<u>3. 530-88/ASCE 5-88</u>	<u>Building Code Requirements for Masonry Structures.</u>
<u>4. 530.1-88/ASCE 6-88</u>	<u>Specifications for Masonry Structures.</u>

SECTION 89. ILHR 51.25 (4) Table 51.25-15 is amended to read:

TABLE 51.25-15

GA	Gypsum Association 1603 Orrington Avenue <u>810 First Street NE, #510</u> Evanston, Illinois 60201 <u>Washington, DC 20002</u>
Standard Reference Number	Title
GA-600-88	Fire Resistance Design Manual

SECTION 90. ILHR 51.25 (4) Table 51.25-17 is amended to read:

Table 51.25-17
(Partial Table)

NFPA	National Fire Protection Association <u>One Batterymarch Park</u> Quincy, Massachusetts 02169
Standard Reference Number	Title
<u>2. 13-1989</u> <u>13A-1987</u>	<u>Standard for the installation of sprinkler systems.</u> <u>Standard for the inspection, testing and</u> <u>maintenance of sprinkler systems.</u>
4. 13R-1989	Standard for the installation of sprinkler systems in residential occupancies up to four stories in height.
<u>4. 15-1990</u>	<u>Standard for water spray fixed systems for fire protection.</u>
<u>8. 25-1992</u>	<u>Standard for the inspection, testing, and maintenance of water-based fire protection systems.</u>

- 8 9. 31-1987 Standard for the installation of oil-burning equipment.
- 9 10. 54-1988 National fuel gas code.
- 10 11. 71-1987 Standard for the installation, maintenance and use of signaling systems for central station service.
- 11 12. 72A-1987-1990 Standard for the installation, maintenance and use of local protective signaling systems for guard's tour, fire alarm and supervisory service.
- 12 72B-1986 Standard for the installation, maintenance and use of auxiliary protective signaling systems for fire alarm service.
- 13 72C-1986 Standard for the installation, maintenance and use of remote station protective signaling systems.
- 13a 72D-1986 Standard for the installation, maintenance and use of proprietary protective signaling systems.
- 14 13. 72E-1987 Standard on automatic fire detectors.
- 15 14. 74-1989 Standard for the installation, maintenance and use of household fire warning equipment.
- 16 15. 90A-1985 Standard for the installation of air conditioning and ventilating systems.
- 17 16. 211-1988 Standard for chimneys, fireplaces, vents and solid fuel-burning appliances.

- 17. 231-1990 Standard for general storage.
- 18. 231C-1991 Rack storage of materials.

SECTION 91. ILHR 51.25 (4) Table 51.25-18 is amended to read.

Table 51.25-18

NFPA	National Forest Products Association 1250 Connecticut Avenue, N.W., #200 Washington, DC 20026
Standard Reference Number	Title
1. NDS	National Design Specification for Wood Construction, 1986 1991 Edition, with 1987 revisions, including Design Values for Wood Construction, a June, 1988 1991 supplement to the 1986 1991 Edition of National Design specification for Wood Construction.
2. Technical Report No. 7	The Permanent Wood Foundation System, Basic Requirements, Revised January, 1987.

SECTION 92. ILHR 51.25 (4) Table 51.25-20 is amended to read.

Table 51.25-20

TPI	Truss Plate Institute, Inc. 583 D'Onofrio Dr., Suite 200 Madison, Wisconsin 53719
Standard Reference Number	Title
TPI-85	Design Design Specification for Metal Plate Connected Wood Trusses, including 1987 Supplement and Errata Addendum Sheet.

SECTION 93. ILHR 52.01 (2) (d) 3. a. and b. are amended to read:

ILHR 52.01 (2) (d) 3. a. ~~Standard for Central Station Protective Signaling Systems, NFPA No. 71;~~

b. ~~Standard for Auxiliary Protective Signaling Systems, NFPA No. 72B;~~

SECTION 94. ILHR 52.01 (2) (d) 3. c. and d. are repealed.

SECTION 95. ILHR 52.01 (2) (d) 4. and (h) are amended to read:

ILHR 52.01 (2) (d) 4. Detectors shall conform to ~~the Standard for Automatic Fire Detectors, NFPA No. 72E.~~

(h) Maintenance. All communications, fire prevention, detection and suppression systems required under this section shall be tested and maintained in an operable condition. All installed automatic sprinkler systems shall be maintained pursuant to NFPA No. 13A ~~Standard for the Inspection, Testing and Maintenance of Sprinkler Systems, A copy of the test report 25.~~ Records of inspections, tests and maintenance, as specified in NFPA No. 13A 25 shall be kept and shall be made available, upon request, to the department or its authorized deputies. The local fire department shall be notified whenever the life safety systems are shut down or impaired and when placed back in service. The owner shall arrange for immediate and continual servicing or repair of the communication, fire prevention, detection and suppression systems until they are placed back in operation.

SECTION 96. ILHR 52.013 (6) (c) is amended to read:

ILHR 52.013 (6) (c) The automatic fire sprinkler protection required by this subsection shall be in accordance with NFPA Standards No. 231 ~~Standard for General Storage and No. 231C Standard for Rack Storage of Materials.~~

SECTION 97. ILHR 52 Subchapter III title is created to read:

Subchapter III

WINDOWS AND FIRE DEPARTMENT ACCESS OPENINGS

[Note to Revisor: Insert before ILHR 52.02.]

SECTION 98. ILHR 52.02 (2) (d) is amended to read:

ILHR 52.02 (2) (d) Number of openings required. Every-story Except as provided in s. ILHR 52.012 (1) (c), every floor level of a building more than 75 feet deep, measuring at right angles to the openings, shall have openings in that story level on at least 2 sides of the building.

SECTION 99. ILHR 52.03 is repealed.

SECTION 100. ILHR 52 Subchapter IV title is created to read:

Subchapter IV

BARRIER-FREE DESIGN FOR THE PHYSICALLY DISABLED

[Note to Revisor: Insert before ILHR 52.04.]

SECTION 101. ILHR 52 Subchapter V title is created to read:

Subchapter V

COURTS

[Note to Revisor: Insert before ILHR 52.05.]

SECTION 102. ILHR 52 Subchapter VI title is created to read:

Subchapter VI

ATRIUMS

[Note to Revisor: Insert before ILHR 52.07.]

SECTION 103. ILHR 52.07 (5) is repealed and recreated to read:

ILHR 52.07 (5) ENCLOSURE OF ATRIUMS. (a) Except as provided in par. (b), atriums shall be separated from adjacent spaces by at least one-hour fire-resistive rated construction.

(b) Open exit balconies are permitted within the atrium.

(c) The separation between the adjacent space and the atrium as specified in par. (a) may be omitted on a maximum of any 3 floor levels, provided the remaining floor levels are separated as specified in par. (a).

SECTION 104. ILHR 52.07 (8) (a) and (10) are amended to read:

ILHR 52.07 (8) (a) Except as provided in par. (b), at least an ~~ordinary~~ occupancy a one-hour fire-resistive separation, as specified in s. ILHR 51.08, shall be provided between different occupancies and each and every tenant space.

(10) INTERIOR FINISHES. The interior finish of walls and ceilings of the atrium and all unseparated ~~tenant~~ spaces as permitted in sub. ~~(6)-(b)-3,~~ (5) (c) shall be Class A. No reduction in class shall may be permitted for automatic fire sprinkler system protection.

SECTION 105. ILHR 52 Subchapter VII title is created to read:

Subchapter VII

MISCELLANEOUS PROVISIONS

[Note to Revisor. Insert before ILHR 52.19.]

SECTION 106. ILHR 52.24 (1) (c) Note is amended to read:

ILHR 52.24 (1) (c) Note: The collection and temporary storage of recyclable materials that are flammable and or combustible materials is regulated in-chs by ch. ILHR 10-and-59 14. Storage of liquids that are flammable or combustible is regulated by ch. ILHR 10. Owners of buildings where these materials are stored should consult ~~these~~ those chapters for isolation, removal and storage standards.

SECTION 107. ILHR 52.24 (3) (b) is amended to read:

ILHR 52.24 (3) (b) When an automatic fire sprinkler system is provided, the system shall be ~~designated~~ designed and installed in an acceptable manner, and material may not be placed closer than ~~3-feet~~ 18 inches below sprinkler deflectors or discharge orifices.

SECTION 108. ILHR 52.24 (4) Note is created to read:

ILHR 52.24 (4) Note: See ch. ILHR 14 for more restrictive storage heights, where applicable.

SECTION 109. ILHR 52.24 (6) Note is created to read:

ILHR 52.24 (6) Note: See ch. ILHR 14 for more restrictive distances from storage of flammable and combustible materials to adjacent buildings and lot lines.

SECTION 110. ILHR 52 Subchapter VIII title is created to read:

Subchapter VIII

SANITARY FACILITIES

[Note to revisor: Insert before ILHR 52.50 and delete "SANITATION REQUIREMENTS" heading there.]

SECTION 111. ILHR 52.60 (2) (b) is amended to read:

ILHR 52.60 (2) (b) Wall type. Wall-hung urinals may be installed in all buildings except child day care facilities and elementary schools (from kindergarten through 8th grade).

[Note to Revisor: Delete "#" in Notes 1, 2 and 3 in this paragraph.]

SECTION 112. ILHR 52.60 (3) (a) is amended to read:

ILHR 52.60 (3) (a) Lavatories. Except as provided in sub. (6), lavatories shall be of an approved type and shall be provided with hot and cold running water. The faucets of such lavatories shall be of a type which limits the flow of water through the faucet, after the handle is released, to not more than one gallon. Lavatories in toilet rooms of private living units shall be equipped to limit the flow of water to not more than 3 gallons per minute. The lavatories may be equipped with a hot and cold regulating device. If a multiple-use lavatory is installed, 24 lineal inches of wash sink or 20 inches measured along the edge of a circular basin will be considered equivalent to one lavatory. At least one lavatory shall be provided either in each toilet room or in a sex-designated lounge adjacent to the toilet room.

SECTION 113. ILHR 53.01 Note is amended to read:

ILHR 53.01 Note: References. All standards referred to in this chapter will be identified by the acronym designation and the number of the standard ~~followed by a cross-reference. The cross-reference will give full detail of the subject name and year of standard. Example: ASTM-C-55-[ILHR-51.25(16)].~~

SECTION 114. ILHR 53.26 is amended to read:

ILHR 53.26 PROTECTION OF ADJOINING PROPERTY. (1) Any property owner (owner of an ~~interest~~ interest in land) making or causing an excavation to be made to a depth of 12 feet or less, below the grade, shall protect the excavation so that the soil of adjoining property will not cave in or settle, but shall not be liable for the expense of underpinning or extending the foundation of buildings on adjoining properties where the excavation is not in excess of 12 feet in depth. Before commencing the excavation the person making or causing the excavation to be made shall notify in writing the owners of adjoining buildings not less than 30 days before such excavation is to be made and that the adjoining buildings should be protected. The owners of the adjoining property shall be given access to the excavation for the purpose of protecting such adjoining buildings.

SECTION 115. ILHR 53.27 (1) is renumbered ILHR 53.27.

SECTION 116. ILHR 53.27 (2) is repealed.

SECTION 117. ILHR 53.323 (2) Note is amended to read:

ILHR 53.323 (2) Note: It will be the practice of the department to approve designs in conformance with the following: (1) clay and shale units -- "Building Code Requirements for Engineered Brick Masonry," Structural Clay Products Institute (now known as Brick Institute of America), 1750 Old Meadow Road, McLean, Virginia 22101 (August 1969); (2) concrete units -- "Specifications for the Design and Construction of Load-Bearing Concrete Masonry," National Concrete Masonry Association, P.O. Box 9185, Rosslyn Station, Arlington, Virginia 22209 (1970); (3) cast stone and architectural precast concrete units -- "Design of Precast Concrete Wall Panels," Title No.68-46, ACI Journal, July 1971 (also see s. ILHR 53.40); (4) "Building Code Requirements for Masonry Structures", ACI 530/ASCE 5; (5) "Specifications for Masonry Structures", ACI 530.1/ASCE 6; and (6) standards of accepted engineering practice, provided proposed materials are in successful similar use or proven by test to be adequate.

SECTION 118. ILHR 53.34 (1) (c) Note 2 is amended to read:

ILHR 53.34 (1) (c) Note 2: See s. ILHR 53.11 (4) (e) 2. for requirements for scuppers or ~~relief~~ relief openings.

SECTION 119. ILHR 53.35 Note is repealed.

SECTION 120. ILHR 53.40 is amended to read:

ILHR 53.40 CONCRETE REQUIREMENTS. The design and construction of structures in concrete of cast-in-place or precast construction, ~~plain, reinforced or prestressed shall conform to the rules and principles of ACI Std. 318~~ shall conform to ACI 318 or ACI 318.1.

SECTION 121. ILHR 53.53 (7) (a) and (b) are amended to read:

ILHR 53.53 (7) (a) Each manual welder and tacker or welding machine operator shall be retested every 3 years in accordance with ~~ILHR 53.53 (6) sub. (6).~~

(b) Each manual welder and tacker or welding machine operator certificate which has become void due to welding operation interruption exceeding 3 consecutive months or having exceeded the 3-year certificate time limit can be renewed only by retesting at an ~~approved testing laboratory~~ a designated testing agent approved by the department.

SECTION 122. ILHR 53.61 (1) (a) 1. c. is amended to read:

ILHR 53.61 (1) (a) 1. c. Section 2.2.5.3. The cumulative effects of short-time loads, such as wind, shall be considered in determining duration of load. For wind load, ~~no greater~~ a duration of load factor no greater than ~~1.23~~ 1.6 may be used.

SECTION 123. ILHR 53.63 (1) (d) is amended to read:

ILHR 53.63 (1) (d) All wood fire stops as required in this section shall be lumber not less than 2 inches in nominal thickness, or 3/4 ~~inch~~ inch thick plywood with joints backed, and not less in width than the enclosed space within the partition except as provided for chimneys. Fire stops may also be of ~~1/2~~ 1/2 inch gypsum board, fiberglass or other noncombustible materials, securely fastened in place.

SECTION 124. ILHR 54.001 is amended to read:

ILHR 54.001 SCOPE. This classification includes all factories and workshops (including all places where manual labor is employed), office buildings, telegraph and telephone offices, mercantile establishments where commodities are bought or sold, clothes cleaning establishments, warehouses, railroad stations, exhibition buildings, public mausoleums, crematoriums, and places where not more than 100 persons assemble for recreation, entertainment, worship, or dining purposes.

SECTION 125. ILHR 54.01 (5) (b) 1. is renumbered ILHR 54.01 (5) (b) 2. and amended to read:

ILHR 54.01 (5) (b) 2. ~~Except as provided in subd. 2, Unlimited area buildings with no area limitations of type 3 through type 6 construction shall~~ have a continuous all-weather, hard-surfaced area 30 feet or more in width for a distance of not less than 50% of the perimeter of the building. These buildings shall have at least one wall facing a street for its entire length. At least 2 of the remaining building walls shall face streets for at least 50% of their respective lengths.

SECTION 126. ILHR 54.01 (5) (b) 2. is renumbered ILHR 54.01 (5) (b) 1.

SECTION 127. ILHR 54.02 (2) (f) is created to read:

ILHR 54.02 (2) (f) Enclosed interior mezzanine floors, not over 750 square feet gross area, that are used for office space, where the distance to the exit is no more than 100 feet in an unsprinklered building, or no more than 150 feet in a building completely protected by an approved automatic sprinkler system, provided:

1. Each wall facing the lower level is a minimum of 30 percent glazed with vision panels; and

2. Smoke detection in accord with NFPA 72E, or an equivalent system acceptable to the department, is provided to all parts of the building within 100 feet of the mezzanine, with the detectors on the main floor and a horn in the mezzanine level.

SECTION 128. ILHR 54.02 (3) and (4) (c) Note are amended to read:

ILHR 54.02 (3) OFFICE SUITE EXITING. One exit ~~will~~ or exit access may be permitted from office suites having a floor area of not more than 1,800 square feet net area, provided there are 2 directions for exiting from the ~~entrance door of exit or exit access from~~ the suite, and provided the exit distance within the suite, to the exit or exit access from the suite, does not exceed 75 feet in an unsprinklered building, or 100 feet in a completely sprinklered building.

Note: See Appendix A for further explanatory material.

(4) (c) Note: See s. ~~A52-015~~ A52.011 of Appendix A for further information relating to "high hazard" occupancies.

SECTION 129. ILHR 54.03 (1) (d) (intro.) is amended to read:

ILHR 54.03 (1) (d) Exception. A rescue platform (exterior balcony) of combustible construction may be used as a required second exit for buildings of type 5, 6, 7 and 8 construction, provided all of the following conditions are satisfied:

SECTION 130. ILHR 54.05 (1) (g) is created to read:

ILHR 54.05 (1) (g) Swimming pool rooms . . . 10 square feet per person for deck area.

SECTION 131. ILHR 54.11 (1) (a) is amended to read:

ILHR 54.11 (1) (a) ~~Except as provided in par. (b),~~ all stairways, fire escapes and exits, and the passageways leading thereto when used at night, shall be properly illuminated to facilitate egress. The intensity of illumination shall be as specified in ch. Ind 19.

SECTION 132. ILHR 54.14 (1) (a) is amended to read:

ILHR 54.14 (1) (a) Except as provided in par. (b) and sub. (3), all fuel-fired water heaters, heating boilers and furnaces, power boilers, fuel storage or breeching rooms and ~~breeching~~, storage vaults for paints, oils, and similar combustibles and other similar combustibles and other similar hazards in a building shall be isolated from the rest of the building by at least a 2-hour fire-resistive enclosure as specified in ss. ILHR 51.04 to 51.049; except that in buildings not more than 2 stories in height and having a floor area of not more than 3,000 square feet per floor, a 1-hour fire-resistive enclosure as specified in ss. ILHR 51.04 to 51.049, or better, shall be provided.

SECTION 133. ILHR 54.14 (1) (c) is created to read:

ILHR 54.14 (1) (c) Clothes cleaning establishments with fuel-fired dryers, or with flammable or combustible dry cleaning solvents, shall be separated from other occupancies in accord with the isolations specified in par. (a).

Note: Fuel-fired dryers in a clothes cleaning establishment are considered to be process equipment and are not required to be separated from the rest of the establishment.

SECTION 134. ILHR 54.145 (title) is amended to read:

ILHR 54.145 (title) ~~Occupancy Separation~~ Separation.

SECTION 135. ILHR 54.15 (2) (b) is amended to read:

ILHR 54.15 (2) (b) Dry standpipes. Dry standpipes as specified under s. ILHR 51.21 shall be provided in all buildings 3 stories or more in height in which the floor area of each story is more than 3,000 square feet, unless an approved automatic sprinkler system is installed. First-aid standpipes may be provided in lieu of dry standpipes in factory occupancies.

SECTION 136. ILHR 54.22 is repealed.

SECTION 137. ILHR 55.02 (2) is amended to read:

ILHR 55.02 (2) UNLIMITED CAPACITY BUILDINGS. Buildings of type 3, 4, 5 or 6 totally noncombustible construction, or type 4 construction, may have unlimited capacities provided:

SECTION 138. ILHR 55.06 (1) is amended to read:

ILHR 55.06 (1) ~~The following table~~ Table 55.06 includes the various types of occupancy within the scope of this section, together with the method to be used in determining the capacity.

SECTION 139. ILHR 55.06 (2) Table 55.06 title is created to read:

ILHR Table 55.06
OCCUPANCY CAPACITY

SECTION 140. ILHR 55.06 (2) Table 55.06 Line (n) is created to read:

ILHR Table 55.06 (n) Swimming pool rooms 10 square feet per person for deck area.

SECTION 141. ILHR 55.08 (4) is created to read:

ILHR 55.08 (4) All ramps for barrier-free public access to a building, including nonrequired ramps, shall be inside the building.

SECTION 141a. ILHR 55.08 (5) is created to read:

ILHR 55.08 (5) Exterior stairs may be used as required exits from exterior decks, for seasonal recreational facilities.

SECTION 142. ILHR 55.09 (3) (a) is repealed.

SECTION 143. ILHR 55.09 (3) (b) is renumbered ILHR 55.09 (3).

SECTION 144. ILHR 55.10 (1) (a) is repealed and recreated to read:

ILHR 55.10 (1) (a) No single door or leaf of a double door may be more than 3 feet 6 inches wide and multiple door panels may not be hinged together; and

SECTION 145. ILHR 55.10 (1) (b) is repealed.

SECTION 146. ILHR 55.10 (1) (c) is renumbered ILHR 55.10 (1) (b).

SECTION 147. ILHR 55.28 (1) and (2) are amended to read:

ILHR 55.28 (1) All ~~dress~~ing-rooms, property rooms, and other storage or workrooms shall be built of ~~incombustible~~ noncombustible material throughout, and shall be separated from the stage by ~~a special-occupancy-separation-as specified-in-s-~~ILHR-51-08 4-hour fire-resistive rated construction.

(2) All dressing rooms shall be separated from the stage by 2-hour fire-resistive rated construction. No dressing room or employes' room shall ~~may~~ be placed more than one story below the grade line, and no dressing room shall ~~may~~ be placed above or below the auditorium unless separated therefrom by ~~a special-occupancy-separation-as specified-in-s-~~ILHR-51-08 2-hour fire-resistive rated construction.

SECTION 148. ILHR 55.33 (2) (b) is amended to read:

ILHR 55.33 (2) (b) Dry standpipes. Dry standpipes as specified under s. ILHR 51.21 shall be provided in all buildings, except churches and places of worship, having theaters and assembly halls with an occupancy load of more than 750 persons, unless an approved automatic sprinkler system is installed. First-aid standpipes shall be provided on the stage of every theater and assembly hall where a proscenium curtain is required.

SECTION 149. Note to Revisor: Please correct the typeset for the ILHR 55.33 (3) title and move the "FP" letters in the margin at 55.34 to the margin at 55.33 (3).

SECTION 150. ILHR 55.34 is repealed.

[Note to Revisor: Please delete the * and reference to Appendix A at the bottom of this page of the code.]

SECTION 151. Note to Revisor: Please correct the typeset for ILHR 56.02 (2), and move this subsection to between sub. (1) and Table 56.02-1.

SECTION 152. ILHR 56.06 (2)(b) is amended to read:

ILHR 56.06 (2) (b) Stairs. Stairs shall conform to the requirements of ss. ILHR 51.16 to 51.166, except that ~~the stairs shall have a uniform rise of not more than 7-1/2 inches, measured from tread to tread, and a uniform tread of not less than 10 inches, measured from nosing to nosing of tread.~~ Handrails handrails shall be provided on both sides, ~~and no~~ and no closets or rooms may be placed under a stairway or landing.

SECTION 153. ILHR 56.06 (4) (a), (b), and (c) are renumbered ILHR 56.06 (4) (b), (c), and (d).

SECTION 154. ILHR 56.06 (4) (a) is created to read:

ILHR 56.06 (4) (a) Scope. This subsection shall apply only to rooms for formal instruction of students with direct teacher supervision. This subsection does not apply to other parts of schools or places of instruction, including but not limited to, cafeterias, instructional media centers, gymnasiums, industrial arts shops, laboratories, or locker rooms.

SECTION 155. Note to Revisor: Please correct typeset for ILHR 56.20 (2) (b) title.

SECTION 156. ILHR 56.36 is amended to read:

ILHR 56.36 BARRIER-FREE REQUIREMENTS. ~~Access to~~ An accessible entrance, interior circulation and toilet facilities for the physically disabled people with disabilities need not be provided for ~~the a~~ a relocatable classroom if the ~~course~~ courses taught in the relocatable classroom are available in the accessible facilities at the same school site.

SECTION 157. ILHR 56.44 is amended to read:

ILHR 56.44 BARRIER-FREE REQUIREMENTS. ~~Access to~~ An accessible entrance, interior circulation and toilet facilities for the physically disabled people with disabilities need not be provided for ~~the mobile~~ training units if the ~~course~~ courses taught in the mobile training units are available in accessible facilities at the same school site.

SECTION 158. ILHR 56.63 (2) (b) 2. is amended to read:

ILHR 56.63 (2) (b) 2. Exit stairs. All new constructed stairs shall conform to the requirements of s. ILHR 51.16, except that ~~the stairs shall have a uniform rise of not more than 7-1/2 inches, measured from tread to tread, and a uniform tread of not less than 10 inches, measured from nosing to nosing of tread.~~ Handrails handrails shall be provided on both sides. An outside weather-treated wood stairway may be used as a second exit from a building not more than 2 stories in height.

SECTION 159. ILHR 57.01 (2) (b) is created to read:

ILHR 57.01 (2) (b) Doors separating one hotel or motel living unit from another shall have a 3/4-hour fire-resistive rating. Where two doors are provided in one frame, only one of the doors is required to be rated. The connecting doors are not required to be equipped with self-closing devices.

SECTION 160. ILHR 57.016 (1) and (2) (b) are amended to read:

ILHR 57.016 (1) A building more than 60 feet in height shall be protected throughout the entire building in accordance with ss. ILHR 52.01 and 52.23, except that the sprinklers within the living units shall be ~~either-a residential type or-quick-response-type~~ conforming to NFPA 13R, installed in accord with the recommendations and requirements of the manufacturer.

(2) (b) An automatic fire sprinkler system conforming with NFPA 13, except that the sprinklers within the living units shall be ~~either-a residential type or-quick-response-type~~ conforming to NFPA 13R, installed in accord with the recommendations and requirements of the manufacturer.

SECTION 161. ILHR 57.016 (2) (b) Note is amended to read:

ILHR 57.016 (2) (b) Note: See ss. ILHR 51.01 ~~(71b)~~ (71o) for the definition of "housing for the elderly".

SECTION 162. ILHR 57.02 (2) (a) 3. is amended to read:

ILHR 57.02 (2) (a) 3. A building may not exceed the height and area limitations specified in Table 57.02-3 if the building is protected by an automatic fire sprinkler system conforming with NFPA 13, except that the sprinklers within the living units shall be ~~either-a residential type or-quick response-type~~ conforming to NFPA 13R, installed in accord with the recommendations and requirements of the manufacturer.

SECTION 163. ILHR 57.02 (2) (b) 1. c. is amended to read:

ILHR 57.02 (2) (b) 1. c. NC-3 hour for type 1 and type 2 construction.

SECTION 164. ILHR 57.02 (3) Table ILHR 57.02-2 is amended to read:

TABLE 57.02-2 - ALLOWABLE HEIGHT (STORIES) AND AREA (SQUARE FEET) FOR BUILDINGS PROTECTED IN ACCORDANCE WITH NFPA 13R (MAXIMUM GROSS FLOOR AREA PER FLOOR) NOTE: USE FOR ALL BUILDINGS

CLASS OF CONSTRUCTION	OPEN SPACE AT LEAST 30 FEET IN WIDTH OR STREET WITHIN 50 FEET OF THE BUILDING	NUMBER OF STORIES								
		1	2	3	4	5	6	7	8	Over 8
		1. Fire-resistive Type A	1	39,600	34,000	29,600	25,000	N.A.	N.A.	N.A.
	2	47,800	41,600	37,000	31,800					
	3	56,000	50,600	44,600	38,600					
	4	64,200	59,600	52,000	45,200					
2. Fire-resistive Type B	1	35,600	30,000	25,600	21,000	N.A.	N.A.	N.A.	N.A.	N.A.
	2	43,800	37,600	33,000	27,800					
	3	52,000	46,600	40,600	34,600					
	4	60,200	55,600	48,000	41,200					
3. Metal Frame Protected	1	31,600	27,000	22,600	18,000	N.P.	N.P.	N.P.	N.P.	N.P.
	2	39,800	34,600	29,200	24,000					
	3	48,000	42,000	36,000	30,000					
	4	56,200	49,600	42,800	36,000					
4. Heavy Timber	1	25,600	21,000	14,800	13,600	N.P.	N.P.	N.P.	N.P.	N.P.
	2	33,000	28,600	24,000	20,200					
	3	40,600	36,000	21,400	31,600	17,600	27,000			
	4	48,000	43,600	39,000	33,800					
5A. Exterior Masonry Protected	1	23,200	19,200	14,400	12,000	N.P.	N.P.	N.P.	N.P.	N.P.
	2	30,000	25,600	21,400	17,600					
	3	36,800	32,200	27,800	23,200					
	4	43,600	39,000	34,200	29,000					
5B. Exterior Masonry Unprotected	1	21,000	17,200	13,600	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.
	2	27,000	22,600	18,800						
	3	33,000	28,600	24,000						
	4	39,000	34,600	29,200						
6. Metal Frame Unprotected	1	21,000	17,200	13,600	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.
	2	27,000	22,600	18,800						
	3	33,000	28,600	24,000						
	4	39,000	34,600	29,200						
7. Wood Frame Protected	1	21,000	17,200	13,600	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.
	2	27,000	22,600	18,800						
	3	33,000	28,600	24,000						
	4	39,000	34,600	29,200						
8. Wood Frame Unprotected	1	15,000	7,600	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.
	2	18,000	9,000							
	3	21,000	10,600							
	4	24,000	12,000							

N.P. means Not Permitted; N.A. means Not Applicable

SECTION 165. ILHR 57.03 (1) (b) is amended to read:

ILHR 57.03 (1) (b) Units with habitable rooms on a floor of exit discharge may be provided with at least one exit, directly from the unit to the exterior, with the unit exit door sill at or within ~~3~~ 6 feet of grade at the exit door.

SECTION 166. ILHR 57.08 (2) (b) 2. is amended to read:

ILHR 57.08 (2) (b) 2. The distance to an exit, including the horizontal ~~travel~~ travel distance on the exit stair, does not exceed 50 feet in buildings not completely protected with an automatic fire sprinkler system or 75 feet in buildings completely protected as specified in s. ILHR 57.016 (1) (b).

SECTION 167. ILHR 57.10 (2) (c) is amended to read:

ILHR 57.10 (2) (c) Exit lights shall be as specified in s. ILHR ~~15.15~~ 51.15 (5).

SECTION 168. ILHR 57.11 (3) (a) is amended to read:

ILHR 57.11 (3) (a) Be 1-1/2 times the depth ~~of~~ to the bottom of the opening with a minimum width of 3 feet measured perpendicular to the building wall; and

SECTION 169. ILHR 57.13 (1) (a) 2. is amended to read:

ILHR 57.13 (1) (a) 2. The ~~amount~~ area of glazed openings shall equal at least 8% of the floor area of the room served.

SECTION 170. ILHR 57.15 (2) (b) is amended to read:

ILHR 57.15 (2) (b) Dry standpipes. Dry standpipes shall be provided in all buildings 3 stories or more in height which accommodate more than 20 occupants, unless an approved automatic sprinkler system as specified in ~~Option-2-of~~ s. ILHR 57.016 (1) is installed. Dry standpipes that are required under this paragraph shall comply with s. ILHR 51.21 (3) (b) and (k).

SECTION 171. ILHR 57.15 (2) (b) Note is created to read:

ILHR 57.15 (2) (b) Note: Dry standpipes that are required under this paragraph are required by s. ILHR 51.21 (6) (b) to be located within stairway enclosures. Other stairway enclosures may be provided that do not include dry standpipes.

SECTION 172. ILHR 57.19 (2) is amended to read:

ILHR 57.19 (2) EXITS. Each living unit shall have a separate exit within 3 6 feet of the exit discharge grade.

SECTION 173. ILHR 58.03 (1) is amended to read:

ILHR 58.03 (1) OUTSIDE WINDOWS. Every habitable room shall be provided with outside windows having a total sash glazed area of at least 8% of the floor area of the room. The bottom of the window opening in sleeping rooms, shall be not more than 36 inches above the floor.

SECTION 174. ILHR 58.05 (2) (a) is amended to read:

ILHR 58.05 (2) (a) At least one exit from each floor or smoke compartment shall be by a door leading directly to a stairway, smokeproof tower, ramp, horizontal exit, exit passageway, or to the outside of the building as specified in this subchapter.

SECTION 175. ILHR 58.06 (1) (a) is amended to read:

ILHR 58.06 (1) (a) All stairways and steps shall conform to the requirements of ss. ILHR 51.16 to 51.166, except that steps shall have a rise of not more than 7 inches and not less than 4 inches and a tread not less than 11 inches, measured from tread to tread and from riser to riser. ~~Treads and risers shall be uniform in any one flight, winders shall not be used, treads~~ and treads shall be solid.

SECTION 176. ILHR 58.06 (2) (c) is amended to read:

ILHR 58.06 (2) (c) ~~Non-required exit~~ Nonrequired stairways and ramps connecting different levels within the same floor as defined in s. ILHR ~~51.02~~ 51.01 (56a) are not required to be enclosed.

SECTION 176. ILHR 58.23 (1) (b) is amended to read:

ILHR 58.23 (1) (b) Duct penetrations of floor assemblies which are protected as specified in NFPA 90A, ~~Standard for the Installation of Air Conditioning and Ventilating Systems.~~

SECTION 178. ILHR 58.46 is repealed and recreated to read:

ILHR 58.46 SIZE OF SLEEPING ROOMS. Every sleeping room shall provide at least 400 cubic feet of space for each occupant. In places of detention, day rooms may be used to satisfy the 400-cubic-foot-per-person volume requirement provided the following criteria are met:

(1) The shared day room space shall be immediately adjacent to the sleeping room and the combined volume of the day room and the sleeping room shall be a minimum of 400 cubic feet per occupant; and

(2) Ventilation shall be provided by one of the following methods:

(a) Natural ventilation shall be based on the ratio of 2 square feet per person of openable windows or skylights. The natural ventilation may be drawn from any openable windows or skylights located accessible to the sleeping room. A minimum of 50 percent of the vertical plane separating the sleeping room from the day room shall be open, such as may be provided with bars or security grilles.

(b) Mechanical ventilation shall be provided in accord with ILHR 58.45 (2) (b) if a minimum of 50 percent of the vertical plane separating the sleeping room from the day room is not open. The sleeping room shall have a minimum of 35 square feet of floor area per person. The floor area shall include all area within the walls of the sleeping room, including the space taken up by beds, lavatories, water closets and furniture.

Note 1: Section DOC 350.05 requires a ceiling height of at least 8 feet in sleeping rooms, and a floor area of at least 54 square feet in single occupancy cells.

Note 2: Section DOC 350.07 requires the floor area in double occupancy cells to be at least 70 square feet for jails constructed or substantially remodeled on or after March 1, 1990, and at least 54 square feet for jails constructed before March 1, 1990.

SECTION 179. ILHR 58.62 (2) Table 58.62 is amended to read:

TABLE 58.62
(Partial Table)

HAZARDS	Fire-Resistive Rating in Hours	
	Buildings 3 Stories or Less	Buildings Over 3 Stories
Paint shops	2	3
Trash Collection collection	2	3
Storage rooms (containing quantities of flammable or combustible material not exceeding 1 lb. of material per square foot of floor area)	2	3

SECTION 180. ILHR 58.63 (3) is created to read:

ILHR 58.63 (3) FIRE EXTINGUISHERS. Portable fire extinguishers shall be provided and maintained as specified in s. ILHR 51.22.

SECTION 181. ILHR 59.10 (2) (intro.) is amended to read:

ILHR 59.10 (2) This ~~subchapter~~ chapter does not apply to the following occupancies:

SECTION 182. ILHR 59.12 (4) is repealed.

SECTION 183. ILHR 59.12 (4) Tables 59.12-1 *footnote and 59.12-2 *footnote are amended to read:

*A 4-HOUR FIRE DIVISION WALL SHALL MAY BE CONSIDERED AS A STREET FOR THE PURPOSE OF COMPUTING THE AREA LIMITATIONS FOR THIS TABLE PROVIDED THAT NO SUBDIVIDED PORTION OF THE BUILDING HAS MORE STREETS THAN THE ENTIRE BUILDING HAS.

SECTION 184. ILHR 59.14 (1) (a), and (b) (intro.), 2. and 3. are amended to read:

ILHR 59.14 (1) (a) ~~Except as provided in part (b),~~ every Every floor level and every room, space or area of a storage garage and a repair garage shall be provided with at least 2 exits.

(b) One exit is permitted ~~from~~ in the following conditions:

2. Any room, space or area used for repair garage purposes and which does not exceed 750 sq. ft. in net floor area:

3. Any room, space or area used as other than a storage or repair garage with an a capacity of 25 persons or less; and

SECTION 185. ILHR 59.17 (1) (a) 3. a. is amended to read:

ILHR 59.17 (1) (a) 3. a. Are each provided with ~~six~~ 6 air changes of exhaust ventilation per hour;

SECTION 186. ILHR 60.15 (1) Note is created to read:

ILHR 60.15 (1) Note: Section ILHR 52.60 (2) (b) allows only stall type urinals in child day care facilities.

[Note to Revisor: Delete "#" in ILHR 60.15 (2) Notes 1 and 2.]

SECTION 187. ILHR 60.19 (5) is repealed and recreated to read:

ILHR 60.19 (5) Guardrails protecting open sides of stairways, elevated platforms, walks, balconies and mezzanines shall have intermediate rails or an ornamental pattern designed to prevent the passage of a sphere with a diameter larger than 6 inches.

SECTION 188. ILHR 60.35 (2) is amended to read:

ILHR 60.35 (2) FIRE EXTINGUISHERS. Portable fire extinguishers suitable for Class B fires shall be provided in kitchens or cooking areas in accordance with s. ILHR 51.22. ~~Portable fire extinguishers suitable for Class A fires shall be provided throughout the remainder of the day care center in accordance with s. ILHR 51.22 and Table 60.35.~~

SECTION 189. ILHR 60.36 is repealed and recreated to read:

ILHR 60.36 FIRE ALARM AND SMOKE DETECTION SYSTEMS. (1) 9-20 CHILDREN. (a) Except as specified in par. (b), in every building or portion of a building accommodating a day care center serving 9 to 20 children, stand-alone, battery-operated smoke detectors shall be installed in front of doors to the stairways and in the corridors of all floors occupied by the day care center. Smoke detectors shall also be installed in lounges, recreation areas and sleeping rooms in the day care center. The smoke detector alarm shall be audible throughout the day care center.

(b) Smoke detectors are not required in:

1. Day care centers housed only in one room; or
2. Day care centers serving children 6 years of age or older if no sleeping facilities are provided.

(2) OVER 20 CHILDREN. In every building or portion of a building accommodating a day care center serving more than 20 children, a fire alarm system shall be installed which complies with s. ILHR 51.24, or an approved smoke detection system shall be installed which complies with s. ILHR 51.245.

SECTION 190. ILHR 60.38 is repealed and recreated to read:

ILHR 60.38 EXIT AND EMERGENCY LIGHTING. (1) EXIT SIGNS. (a) Where Required. All required exit doors and exit stairways in day care centers serving 20 or more children shall be clearly marked with an illuminated exit sign as specified in s. ILHR 51.15 (5).

(b) Standby Emergency Power. Standby emergency power of a type recognized by ch. ILHR 16 shall be supplied to all illuminated exit signs.

(2) STANDBY EMERGENCY POWER FOR OTHER LIGHTING. Standby emergency power of a type recognized by ch. ILHR 16 shall be provided as a source of electrical power for required exit lights or emergency lighting for exit passageways in:

(a) Day care centers where there are 20 or more children receiving nighttime care between the hours of 6 p.m. to 6 a.m.; and

(b) Day care center multipurpose rooms with 2,000 square feet or more of floor area.

SECTION 191. ILHR 61.001 (1) (a) Note is amended to read:

ILHR 61.001 (1) (a) Note: Refer to Ch. HSS 3 82, rules of the department of health and social services for requirements pertaining to CBRF to be located in existing buildings providing care, treatment, and services to 3 through 8 unrelated adults. Refer to Ch. ILHR 57 for CBRF requirements for buildings containing more than 20 unrelated adults.

SECTION 192. ILHR 61.10 (1) (f) is amended to read:

ILHR 61.10 (1) (f) Every foundation wall, exterior wall, floor and roof shall be watertight-~~rodentproof~~, rodent-proof and reasonably weathertight, and shall be kept in proper repair.

SECTION 193. ILHR 61.15 (1) is amended to read:

ILHR 61.15 (1) MINIMUM SIZE. Every living and sleeping room shall have outside window(s) windows with a total sash glazed area of at least 10% of the floor area of the room. The openable area of such windows shall be equal to not less than 5% of the floor area of the room served.

SECTION 194. ILHR 62.75 (4) (b) is amended to read:

ILHR 62.75 (4) (b) Indoor seating. The total clear width of exits off of any indoor seating facility shall be not less than 22 inches per 100 persons, or fraction thereof. The required exit width of the room and building shall be determined under the specific occupancy chapter and s. ILHR 51.15.

SECTION 195. ILHR 62.77 (3) is amended to read:

ILHR 62.77 (3) OPENINGS BELOW TOP RAIL. All back, side and front cross aisle guardrails shall have intermediate rails or an ornamental pattern between the footboard or cross aisle and the top rail to prevent the passage of a sphere with a diameter larger than 9 6 inches.

SECTION 196. ILHR 62.96 (3) (b) 2. is amended to read:

ILHR 62.96 (3) (b) 2. The minimum roof loads load shall be distributed over the entire area and shall be applied to the horizontal projection of the roof.

SECTION 197. ILHR 62.98 (1) (a) is repealed and recreated to read:

ILHR 62.98 (1) (a) Structures of 4 stories or less, where the open space below elevated structures is counted as a story, shall be of Type 6 construction, or better, and shall be of totally noncombustible construction. "Totally noncombustible construction" in this usage includes but is not limited to compliance with the following subdivisions:

1. Any class A roof may be used if the pedestrian access structure is protected by an automatic sprinkler system as specified in s. ILHR 51.23 and the buildings or structures connected to the pedestrian access structure are of Type 6 construction or better.

2. Wall panels consisting of a foam plastic core covered with metal, and complying with the provisions of s. ILHR 51.06 (4) (b) 2. b., may be used if the pedestrian access structure is protected by an automatic sprinkler system as specified in s. ILHR 51.23 and the buildings or structures connected to the pedestrian access structure are of Type 6 construction or better.

3. Wall and ceiling finishes with a Class A rating and floor finish material with a Class I rating, as specified in s. ILHR 51.07, may be used if the pedestrian access structure is protected by an automatic sprinkler system as specified in s. ILHR 51.23.

SECTION 198. ILHR 62.98 (4), (5) and (6) are renumbered ILHR 62.98 (5), (6) and (7). [Note to Revisor: Please delete "(a)" in (5).]

SECTION 199. ILHR 62.98 (4) is created to read:

ILHR 62.98 (4) SEPARATION EQUIVALENCIES. Pedestrian access structures complying with this subchapter may be utilized as division walls, party walls, class of construction separations and occupancy separations.

SECTION 200. ILHR 62.98 (5) (a) is amended to read:

ILHR 62.98 (5) (a) Where the sidewalls of a pedestrian access structure are within 10 feet horizontally of a wall opening of the connected or an adjacent building, the wall opening shall be protected by at least a 3/4-hour rated-fire ~~fire-resistive rated~~ door or fire-window assembly, or the sidewalls of the structure shall be of at least noncombustible ~~1-hour~~ one-hour rated construction for a distance ~~or~~ of at least 10 feet from the opening or the wall of the connected building.

SECTION 201. Chapter ILHR 62 Subchapter IX is created to read:

Chapter ILHR 62
SUBCHAPTER IX -- MINI-STORAGE BUILDINGS

ILHR 62.995 MINI-STORAGE BUILDINGS. (1) SCOPE. This subchapter provides the minimum requirements for the design and construction of mini-storage buildings.

(2) HEIGHT, AREA AND CLASS OF CONSTRUCTION. Mini-storage buildings shall be limited to one story and shall not exceed the class of construction and the corresponding area limitations of Table 59.12-1 or 59.12-2 for one story storage garages.

(3) COMPARTMENTALIZATION. Mini-storage buildings shall be divided into areas not greater than 3,000 square feet by 2-hour fire-resistive walls extending from the noncombustible floor to the underside of the roof deck.

(4) CONTENTS. Mini-storage buildings may be utilized for low or moderate hazard material and motor vehicle storage. Storage of high hazard material is prohibited. Uses other than for storage are prohibited except that a rental or manager's office for the storage facility may be provided, subject to the provisions of ch. ILHR 54..

Note: See s. A52.011 of Appendix A for further explanatory material.

(5) NUMBER AND LOCATION OF EXITS. (a) Each compartment of a mini-storage building shall be provided with at least one standard exit or overhead door to the outside.

(b) One exit is permitted from a mezzanine floor level, provided the mezzanine is:

1. Open on at least one side to the floor below;
2. Not more than 12 feet above the floor below; and
3. Served by a stairway as specified in s. ILHR 51.16, except that the stairway width may be reduced to 3 feet 0 inches.

(c) Exits shall be provided and distributed as follows:

1. No area of a mini-storage building may be more than 100 feet from an exit, unless the entire building is protected by an automatic sprinkler system.
2. No area of a mini-storage building entirely protected by an automatic fire sprinkler system may be more than 200 feet from an exit.

(6) ISOLATION OF HAZARDS. Hazardous areas shall be isolated in accordance with s. ILHR 54.14.

SECTION 202. ILHR 63.11 (3) (c) 1. is amended to read:

ILHR 63.11 (3) (c) 1. Compliance with the air infiltration rates specified in Table 63.11 shall be certified by an independent testing laboratory or a Wisconsin registered architect or professional engineer, using the criteria for air leakage specified in ~~ASTM-E-283~~ ASTM E 283, ~~Standard Method of Test for Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors~~ at a pressure differential of 1.567 pounds per square foot, (which is equivalent to the effect of a 25-mile-per-hour wind).

[Note to Revisor: Please make Figure 1 of 63.11 (4) full size and make county names legible.]

SECTION 203. ILHR 63.23 (1) (a) is renumbered ILHR 63.23 (2) and amended to read:

ILHR 63.23 (2) EXCEPTION. Cooling with outdoor air is not required when the cooling capacity of the fan system is less than ~~60,000~~ 55,000 Btu per hour.

SECTION 204. ILHR 63.23 Note is repealed.

[Note to Revisor: Please make county names on 64.04 map legible.]

SECTION 205. ILHR 64.05 is repealed and recreated to read:

ILHR 64.05 INSIDE DESIGN TEMPERATURES AND VENTILATION REQUIREMENTS.
(1) INSIDE DESIGN TEMPERATURES. (a) Heating system design. The heating system shall be designed to maintain a temperature of not less than that shown in Table 64.05 and must be operated at not less than that temperature during occupied periods.

(b) Spot heating. Spot heating may be used to heat individual fixed work stations in large industrial buildings where it is impractical to provide heat to the entire space as described in par. (a), provided the inside design temperature at the fixed work station is at least 60°F.

(2) VENTILATION REQUIREMENTS. The ventilating system shall be designed, maintained and operated to accomplish the required minimum ventilation indicated in Table 64.05. The required ventilation for areas of each occupancy or use is specified by the ventilation classification assigned to each occupancy or use in Table 64.05.

(a) Areas assigned ventilation classification (a) shall be provided with a supply of outside air and an equal amount of exhaust ventilation at a rate of 5 CFM per person and with a minimum air movement of 6 air changes per hour.

(b) Areas assigned ventilation classification (b) shall be provided with a supply of outside air and an equal amount of exhaust ventilation at the rate of 5 CFM per person and with a minimum air movement of 6 air changes per hour, or shall be provided with a percentage of openings in accordance with sub. (4).

(c) Areas assigned ventilation classification (c) shall be provided with a supply of outside air and exhaust ventilation determined using the CFM per square foot of net floor area specified in Table 64.05.

(d) Areas assigned ventilation classification (d) shall be provided with an amount of exhaust ventilation determined using the CFM per square foot of net floor area specified in Table 64.05. The area shall be provided with negative pressure relative to adjacent areas. An equal supply of outside air is required when the total building exhaust exceeds one air change per hour, unless otherwise exempted under sub. (5).

(e) Areas assigned ventilation classification (e) shall be provided with a percentage of outside openings in accordance with sub. (4).

(f) Corridor areas in shopping malls assigned ventilation classification (f) do not require a separate supply of outside air provided the outside air introduced in the store areas adjacent to the mall is circulated through and exhausted from the shopping mall corridor area.

(3) DETERMINATION OF NUMBER OF PERSONS. In determining the number of persons in a given space, the department will accept the net square feet per person as listed in Table 64.05, or the actual number of persons, provided the expected occupancy is indicated on the plans and is reasonable. Where no value is indicated for net square feet per person, the actual number of occupants shall be used to determine the required amount of outside air.

(4) PERCENT OF OPENINGS. Where the required ventilation for a room is provided with a percent of openings, the net openable area of exterior windows and doors in the room shall be at least equal to the specified percent of the floor area of that room.

(5) EXCEPTIONS. (a) Outside air requirement waived. If a mechanical air supply system is provided and the requirement for outdoor air determined in accordance with Table 64.05 is less than 5% of the code required air movement of 6 air changes per hour, the requirement for outside air may be eliminated.

(b) Outside air requirement and percent of openings waived. The requirement for outside air or percent of openings may be omitted for Table 64.05 (a) or (b) ventilation classifications in large volume spaces containing 5,000 or more cubic feet per occupant.

(c) Minimum air movement reduced. The minimum air movement required for Table 64.05 (a) and (b) ventilation classifications may be reduced in accord with s. ILHR 64.06 (3).

TABLE 64.05
TEMPERATURE AND VENTILATION TABLE

Use or Occupancy	Minimum Inside Temp. (Deg. F)	Ventilation Requirements ¹				Applicable Occupancy Code Section (ILHR No.)
		Ventilation Classification	Basis of Capacity			
			Net Sq. Ft. Per Person	Percent of Openings ²	CFM/Net Sq. Ft. Floor Area	
<u>Factories, offices and mercantile buildings</u>						
Barber and beauty salons	67	(b)	20	3	—	64.54
(where hair spray is used)	67	(d)	20	—	—	64.18
Canning factories	60	(b)	75	3	—	64.54, 64.68
Conference rooms	67	(b)	7	3	—	64.54
Court rooms	67	(b)	6	3	—	64.54
Factories and machine shops	60	(b)	75	3	—	64.54
First aid rooms	67	(b)	6	3	—	64.54
Flammable liquids storage	NMR	(d)	—	—	—	64.18
Foundries and boiler shops	50	(b)	75	3	—	64.13, 64.54
Funeral homes:						
Chapel	67	(b)	6	3	—	64.54
Embalming room	67	(d)	—	—	2	64.54
Offices	67	(b)	75	3	—	64.54
Places of worship, entertainment & recreation which accommodate less than 100 persons	†	(b)	†	3	—	64.54
Printing establishments	60	(b)	—	3	—	64.18, 64.54
Retail establishments (basement)	65	(b)	40	3	—	64.54
(other floors)	65	(b)	60	3	—	64.54
Shopping mall corridor areas (except mercantile areas)	NMR	(f)	Aggregate capacity of stores served by mall	—	—	64.54
Security vaults (occupied)	65	(a)	300	—	—	64.54
Warehouses	NMR	—	—	—	—	64.18, 64.54
<u>Theaters and places of assembly (which accommodate more than 100 persons)</u>						
Arenas and field houses (use seated areas)	60	(a)	6	—	—	64.55
Armory drill floors	55	(b)	30	3	—	64.55
Assembly halls (other than church)	67	(a)	6	—	—	64.55
Bowling alleys	67	(a)	15	—	—	Based on occupied areas
Cafeterias, dining areas, restaurants, billiard rooms	67	(a)	15	—	—	64.55

TABLE 64.05 (CONTINUED)

Use or Occupancy	Minimum Inside Temp. (Deg. F)	Ventilation Requirements ¹			Applicable Occupancy Code Section (ILHR No.)	
		Ventilation Classification	Basis of Capacity			
			Net sq. ft. Per Person	Percent of Openings ²		CFM/Net Sq. Ft. Floor Area
Churches and places of worship:						
Chapels	67	(b)	6	3	—	64.55 (3)
Dining and social rooms	67	(b)	15	3	—	64.55 (3)
Nave or auditorium	67	(b)	6	3	—	64.55 (3)
Sunday school room	67	(b)	20	3	—	64.55 (3)
Club rooms (seated)	67	(a)	6	—	—	64.55
(unseated)	67	(a)	15	—	—	64.55
Dance halls	67	(a)	15	—	—	64.55
Ice skating rinks (indoor)	NMR	(a)	15	—	—	64.55
Ice resurfacing (indoor)	NMR	(d)	—	—	—	64.55
Lodge halls	65	(a)	15	—	—	64.55
Roller skating rinks (indoor)	50	(a)	15	—	—	64.55
Taverns	67	(a)	20	—	—	64.55
Tennis courts (indoor)	60	(a)	—	—	—	64.55
Theaters	67	(a)	6	—	—	64.55
Lobbies	65	(a)	15	—	—	64.55
Lounge room	67	(a)	15	—	—	64.55
Motion picture booths	60	(a) or (c)	—	—	2	64.55
<u>Health Care Facilities</u>			See s. ILHR	64.57		
<u>Schools and other places of instruction</u>						
Administrative office space	67	(b)	75	3	—	64.56
Arts, crafts, drafting rooms	67	(a)	30	—	—	64.56
Classrooms	67	(a)	20	—	—	64.56
Gymnasiums, field houses, auditoriums, theaters (fixed seats)	67	(a)	6	—	—	64.56
Bleachers	—	(a)	2.75 or 18"/LF	—	—	64.56
Locker and shower rooms	70	(c) or (d)	—	—	2	64.56
Gymnasiums, field houses auditoriums, theaters (nonseated areas)	55	(a)	75	—	—	64.56
Home Economics	67	(a)	30	—	—	64.56
(Cooking)	67	(d)	—	—	200/CA	64.67
Kitchens	60	(c) or (d)	—	—	2	64.67
Laboratories (science)	67	(a)	30	—	—	64.18
Lecture halls	67	(a)	6	—	—	64.56
Library and resource centers	67	(a)	20	—	—	64.56
Reading rooms	67	(a)	20	—	—	64.56
Stack areas	67	(a) or (d)	100	—	1/4	64.56

TABLE 64.05 (CONTINUED)

Use or Occupancy	Minimum Inside Temp. (Deg. F)	Ventilation Requirements ¹			Applicable Occupancy Code Section (ILHR No.)	
		Ventilation Classification	Basis of Capacity			
			Net sq. ft. Per Person	Percent of Openings ²		CFM/Net Sq. Ft. Floor Area
Lunchrooms	65	(a)	10	—	—	64.56
Museums and art galleries	67	(a)	40	—	—	64.56
Music rooms (instrumental)	67	(a)	20	—	—	64.56
(vocal)	67	(a)	10	—	—	64.56
Special education	67	(a)	35	—	—	64.56
Study halls, common areas with nonfixed seating	67	(a)	10	—	—	64.56
Toilet rooms	65	(d)	—	—	2 or 50/TF	64.54
Vocational shops:						
With vehicle service and repair	60	(c) or (d)	—	—	3/4	64.18
Without vehicle service and repair	60	(a)	50	—	—	64.18
Wardrobes	NMR	(d)	—	—	2	64.65
<u>Detention Facilities</u>						
Sleeping rooms	67	(b)	—	4	—	64.58
<u>Residential occupancies</u>						
Living and sleeping areas	67	(e)	—	4	—	64.59
<u>Day care facilities</u>	67	(b)	35	4	—	64.60
<u>Garages and service stations</u>						
Automobile showrooms:						
Less than 6 vehicles	60	(b)	—	3	—	64.64
6 or more vehicles	60	(c) or (d)	—	—	1/2	64.64
Garages: less than 6 vehicles	NMR	(b)	—	3	—	64.63
Garages: 6 or more vehicles	NMR	(c) or (d)	—	—	1/2	64.63
Repair areas	60	(c) or (d)	—	—	3/4	64.61
Vehicle service buildings	60	(c) or (d)	—	—	1/2	64.62
<u>General sanitation & service areas</u>						
Chlorine storage rooms	NMR	(d)	—	—	1	64.65
Janitor closets	NMR	(d)	—	—	2	64.65
Locker rooms and shower rooms	70	(c) or (d)	—	—	2	64.65
Toilet rooms	65	(d)	—	—	2 or 50/TF	64.65
Toilet rooms (w/outdoor stadium)	50	(d)	—	—	2 or 50/TF	64.65

TABLE 64.05 (CONTINUED)

Use or Occupancy	Minimum Inside Temp. (Deg. F)	Ventilation Requirements ¹			Applicable Occupancy Code Section (ILHR No.)	
		Ventilation Classification	Basis of Capacity			
			Net sq. ft. Per Person	Percent of Openings ²		CFM/Net Sq. Ft. Floor Area
<u>Laundries</u>	60	(c)	—	—	2	64.65
<u>Natatoriums</u>	76	(c)	—	—	1 or 2/ pool sf	64.66
<u>Kitchens</u>	60	(c) or (d)	—	—	2	64.67
<u>Seasonal occupancies</u>						
Camps and lodges:						
Dining and recreational areas	NMR	(b)	15	3	—	64.68
Living and sleeping areas	NMR	(e)	—	4	—	64.68
Club houses	NMR	(b)	15	3	—	64.68
Drive-ins	NMR	(b)	15	3	—	64.68
Kitchens	NMR	(c) or (d)	—	—	2	64.67
Outdoor toilets	NMR	(d)	—	—	2	64.65
END						

- CA = Cooking appliance
- CFM = Cubic feet per minute
- LF = Lineal foot
- NMR = No minimum requirement
- TF = Toilet facilities (water closets and urinals)

† See theaters and places of assembly for inside design temperature and net square feet per person.

¹ See ss. ILHR 64.06, 64.07 and 64.08 for mechanical, natural and exhaust ventilation systems; and ss. ILHR 64.11 to 64.18 for ventilation air standards.

² See ss. ILHR 64.07 for special considerations on natural ventilation.

SECTION 206. ILHR 64.06 (2) is amended to read:

ILHR 64.06 (2) DESIGN. Mechanical ventilation systems shall be designed to supply a continuous source of outside air to all occupied areas ~~during occupancy while people are present~~. Exhaust ventilation in equal volume shall be maintained simultaneously.

SECTION 207. ILHR 64.06 (3) (a) is repealed and recreated to read:

ILHR 64.06 (3) (a) Six air changes per hour. When required for (a) and (b) ventilation classifications, as specified in s. ILHR 64.05, or where the ventilation exception specified under s. ILHR 57.13 (2) (b) is elected, the total air movement shall be at least 6 air changes per hour. The outside air requirements in s. ILHR 64.05 (a) shall also be applied where the s. ILHR 57.13 (2) (b) ventilation exception is elected.

SECTION 208. ILHR 64.06 (3) (c) (title) is amended to read:

ILHR 64.06 (3) (c) (title) Air movement requirement waived.

SECTION 209. ILHR 64.06 (5) (a) is amended to read:

ILHR 64.05 (5) (a) Recirculation. No air contaminated by any source other than human occupancy shall ~~may~~ be recirculated, except within the same ventilation classification as assigned in Table 64.05.

SECTION 210. ILHR 64.06 (6) Note #2 is repealed and recreated to read:

ILHR 64.06 (6) Note 2: See ch. ILHR 32, Safety and Health Standards for Public Employes, for requirements for dust, fumes, vapors and gases.

[Note to Revisor: Please also eliminate the # sign in 64.06 (6) Note #1.]

SECTION 211. ILHR 64.09 (1) (b) is amended to read:

ILHR 64.09 (1) (b) Combustion air for power burners. The ~~minimum-free~~ area for combustion air intakes for power burners, including forced draft and induced draft systems, shall be at least ~~5~~ 0.5 square feet per 1,000,000 Btu per hour fuel input, with a minimum free area of 10 square inches.

SECTION 212. ILHR 64.09 (7) is amended to read:

ILHR 64.09 (7) (title) AIR-HANDLING EQUIPMENT LOCATED IN A BOILER OR FURNACE ROOM. If the fuel input rating of the fuel burning equipment exceeds 400,000 Btu per hour, the air-handling equipment and the fuel-burning equipment shall be interlocked to shut off the fuel-burning equipment and the air-handling equipment when any service door of the air-handling equipment is opened, unless an air barrier separation is provided between the fuel-burning equipment and the ~~air-handling~~ air-handling equipment.

SECTION 213. ILHR 64.12 (1m) is created to read:

ILHR 64.12 (1m) "Air movement" means the circulation of air within a space independent of the addition or removal of air to or from the space.

SECTION 214. ILHR 64.14 (1) Note is amended to read:

Note: See ~~chs. Ind-1000---2000, Safety and Health Code~~ ch. ILHR 32, Safety and Health Standards for Public Employes, for further requirements for makeup air for industrial exhaust systems.

SECTION 215. ILHR 64.18 (1) Note is amended to read:

Note: For requirements pertaining to all places of employment or occupancy where smoke, dust, fumes, steam, vapor, industrial poisons, or other detrimental materials are used, stored, handled, or are present in the air in sufficient quantities to obstruct the vision, or to be injurious to the health, safety or welfare of the employees or frequenters, see ~~chs. Ind-1000-2000---Safety and Health Code~~ ch. ILHR 32, Safety and Health Standards for Public Employes.

SECTION 216. ILHR 64.18 (1) (a) 2. Note is amended to read:

Note: See ~~chs. Ind-1000---2000, Wisconsin Safety and Health Code~~ ch. ILHR 32, Safety and Health Standards for Public Employes.

SECTION 217. ILHR 64.18 (1) (a) 4. Note is amended to read:

Note: Toxic materials are those covered in ~~chs. Ind-1000---2000-Safety and Health Code~~ ch. ILHR 32, Safety and Health Standards for Public Employes.

SECTION 218. ILHR 64.19 Note is created to read:

Note: See s. ILHR 64.57 for additional requirements for the location of intakes and exhausts for hospitals and nursing homes. See the Administrative Plumbing Code, chs. ILHR 81-86 for additional clearance requirements for plumbing vents.

[Note to Revisor: Please include this note at the end of s. ILHR 64.19.]

SECTION 219. ILHR 64.20 (5) is amended to read:

ILHR 64.20 (5) EQUIPMENT APPROVAL. Equipment approval may be obtained from the department upon submission of a technical report, based on the test required in sub. (4) (b), together with the fee as specified in ch. Ind-69 ILHR 2 for equipment approval.

SECTION 220. ILHR 64.21 (2) (b) is amended to read:

(b) All parts of the direct vent system for the boiler or water heater conform to s. 1.1.7 of ANSI Z21.64; and

SECTION 221. ILHR 64.21 (2) (c) is created to read:

ILHR 64.21 (2) (c) The boiler or water heater has been issued a material approval under s. ILHR 50.19.

SECTION 222. ILHR 64.22 (7) (d) 3. and 4. are repealed and recreated to read:

ILHR 64.22 (7) (d) 3. In common use areas of residential occupancies; and

4. In individual living units of residential occupancies except that fireplaces in individual living units of hotels and motels shall comply with the following:

a. The appliance shall be gas-fired and shall be tested and installed in accordance with standards recognized by the department.

Note: ANSI Z21.50 and ANSI Z32.60 are recognized by the department. See s. ILHR 64.21 (3) for listing requirements.

b. The appliance shall be designed to be ignited by an intermittent ignition device.

c. The fire box shall be provided with a permanently installed glass partition to prevent access to the fire box and appliance. The partition shall be designed to be compatible with the appliance listing.

Note: Operation of the appliance via a control located outside the fire box will be necessary.

d. Outside air shall be provided for combustion in accordance with s. ILHR 64.09. Combustion air shall not be provided via infiltration.

SECTION 223. ILHR 64.39 is amended to read:

ILHR 64.39 VENTILATION DISCHARGE. All gravity and mechanical ventilation shall be protected from the weather and shall be so located and constructed as to prevent contamination of an outside air supply. Gravity ventilation ducts shall extend not less than 2 feet above the highest portion of the ~~roof-and-parapet-wall~~ building and shall be provided with an approved type of siphon roof ventilator.

SECTION 224. ILHR 64.40 is amended to read:

ILHR 64.40 RELIEF VENTS. (1) BAROMETRIC RELIEF VENTS PERMITTED. The use of barometric relief vents is permitted for type (a) and (b) ventilation classifications designated in ~~Table 1~~ s. ILHR 64.05. Where barometric relief vents are installed on the roof, the discharge openings shall not be less than 2 feet above the roof surface where the vent pierces the roof.

(2) BAROMETRIC RELIEF VENTS PROHIBITED. The use of barometric relief vents is prohibited for type (c), and (d) ventilation classifications designated in ~~Table 1~~ s. ILHR 64.05.

SECTION 225. ILHR 64.45 (3) (a) is amended to read:

ILHR 64.45 (3) (a) Gravity type. 1. All chimneys or smokestacks depending on a gravity principle for the removal of the products of combustion shall extend at least 3 feet above the highest point of the roof where the chimneys or smokestacks pass through the roof of the building, and at least 2 feet higher than any ~~ridge, peak or wall within 10 feet of~~ portion of the building measured 10 feet horizontally from the chimney or smokestack.

2. Type "B," "BW" and "L" vents and single wall vent pipes depending on a gravity principle for the removal of the products of combustion shall extend at least 2 feet above the highest point of the roof where the vents or pipes pass through the roof of the building, and at least 2 feet higher than any ~~ridge, peak or wall within~~ portion of the building measured 10 feet of horizontally from the vent or pipe.

SECTION 226. ILHR 64.54 (3) (a) is amended to read:

ILHR 64.54 (3) (a) Contaminants. Industrial exhaust systems shall be installed and operated to remove harmful contaminants in conformance with ~~chs Ind-1000-2000-Safety and Health Code~~ ch. ILHR 32, Safety and Health Standards for Public Employes.

SECTION 227. ILHR 64.57 (2) (a) is amended to read:

ILHR 64.57 (2) (a) The heating, ventilating and air conditioning systems of all occupancies within the scope of this section shall be designed, operated and maintained as specified in section 2, ~~7-29-A-to-D7.31 A to D,~~ 8.12 ~~A-to-G~~ A to D, 9.2 L, 9.4 I, 9.5 M, and 9.6 J, depending upon the occupancy, of AIA standard R673-~~1~~ Guidelines for Construction and Equipment of Hospital and Medical Facilities.

SECTION 228. ILHR 64.57 (3) is amended to read:

ILHR 64.57 (3) APPLICATION OF RULES. Where other provisions of ch. ILHR 64 specify different requirements than those contained in this section, the requirements specified in ~~this section~~ sub. (2) shall govern.

SECTION 229. ILHR 64.61 (3) (b) Note is amended to read:

Note: The requirements stated in sub. (2) need not be increased when satisfying the requirements of either par. (a) or (b). Also see ~~chs. Ind-1000-2000~~ Safety and Health Code ch. ILHR 32, Safety and Health Standards for Public Employes.

SECTION 230. ILHR 64.61 (5) is amended to read:

ILHR 64.61 (5) CONTAMINANTS. If the provisions of this section do not provide sufficient ventilation to meet the standards for threshold limit values covered in ~~chs. Ind-1000-2000~~ Safety and Health Code ch. ILHR 32, Safety and Health Standards for Public Employes, the additional exhaust requirements with an equivalent volume of outside air shall be provided to satisfy the requirements found in ~~chs. Ind-1000-2000~~ ch. ILHR 32.

SECTION 231. ILHR 64.63 (3) is amended to read:

ILHR 64.63 (3) CONTAMINANTS. If the provisions of this section do not provide sufficient ventilation to meet the standards for threshold limit values covered in ~~chs. Ind-1000-2000~~ Safety and Health Code ch. ILHR 32, Safety and Health Standards for Public Employes, the additional exhaust requirements with an equivalent volume of outside air shall be provided to satisfy the requirements found in ~~chs. Ind-1000-2000~~ ch. ILHR 32.

SECTION 232. ILHR 64.64 (2) (c) is amended to read:

ILHR 64.64 (2) (c) Contaminants. If the provisions of this section do not provide sufficient ventilation to meet the standards for threshold limit values covered in ~~chs. Ind-1000-2000~~ Safety and Health Code ch. ILHR 32, Safety and Health Standards for Public Employes, the additional exhaust requirements with an equivalent volume of outside air shall be provided to satisfy the requirements of ~~chs. Ind-1000-2000~~ ch. ILHR 32.

SECTION 233. ILHR 64.65 (2) (b) is amended to read:

ILHR 64.65 (2) (b) Does not include grease hood exhaust, radioactive exhaust, fume hood exhaust, exhaust required by ~~chs. Ind-1000-2000~~ ch. ILHR 32, exhaust that requires electrical grounding, or exhaust that requires spark resistant fan construction.

SECTION 234. ILHR 50 to 64 Appendix Section A-50.10-50.25 is repealed and recreated to read:

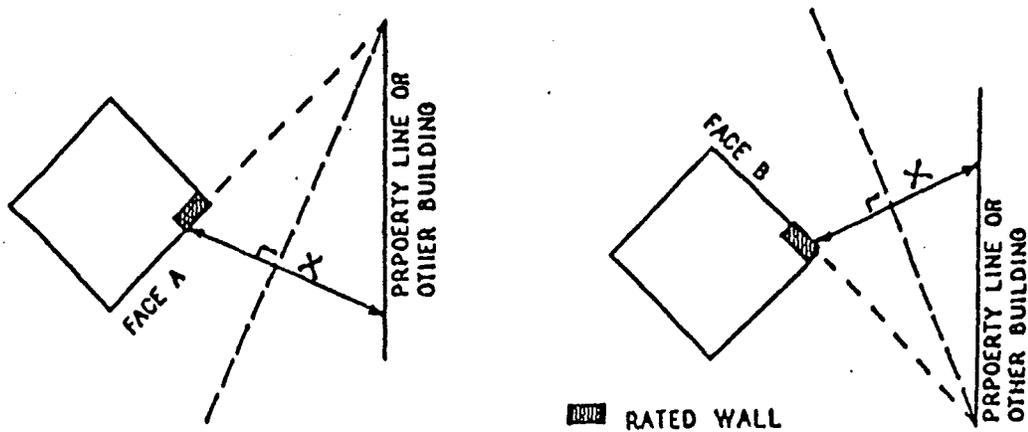
A-50.10 to 50.25 Forms. The following forms: SBD-2S; SBD-8, SBD-8A and SB-8-B; SBD-118; SBD-198; SBD-224; SBD-4927 and SBD-5686, are referred to in ss. ILHR 50.18, 50.25, 50.12, 50.14, 50.18, 50.10 and 50.12, respectively. Copies of these forms are available from the Division of Safety and Buildings, P.O. Box 7969, Madison, Wisconsin 53707.

[Note to Revisor: In A-50.10 to 50.25, replace forms SBD-2, SB-8, SB-8A, SB-118 and SB-198 with the attached forms, and add the attached SBD-4927 form.]

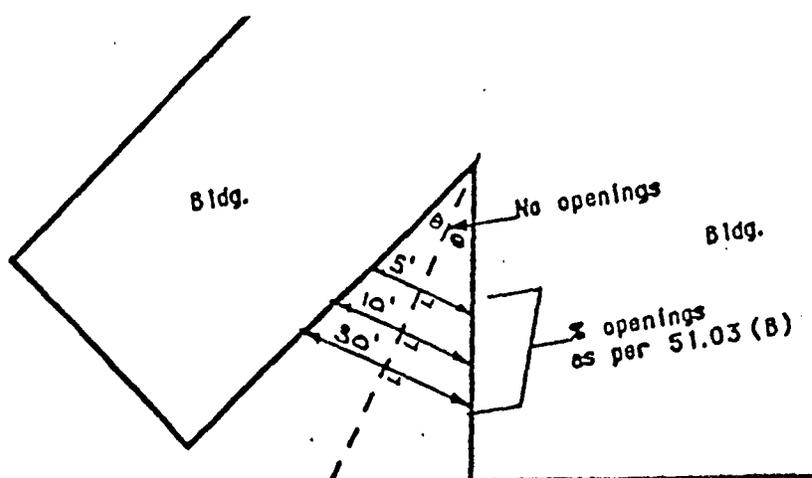
SECTION 235. ILHR 50 to 64 Appendix Section A-51.01 (115) is repealed and recreated to read:

A-51.01 (115) SETBACK. The intent was to not include gutters, downspouts, outdoor lighting fixtures, signs and similar attachments as part of a building.

To determine the portion of a wall (A) that is within a distance X from a property line or another building, extend the wall face to its intersection with the property line or other building. Bisect the angle formed by the intersection. Measure X perpendicular to the bisector. Repeat these steps for wall face B.

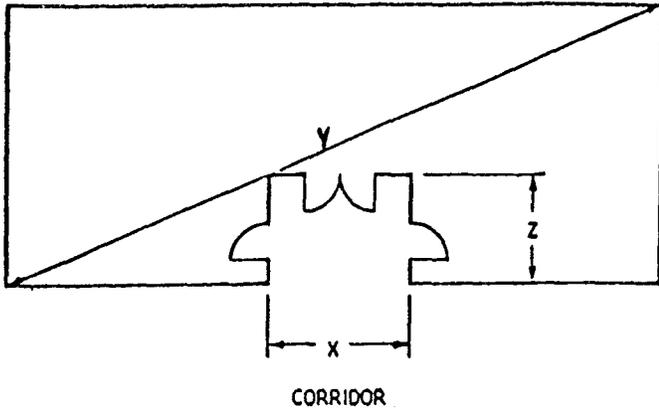


The following sketch shows setback measurements between intersecting or projected intersection of building faces.

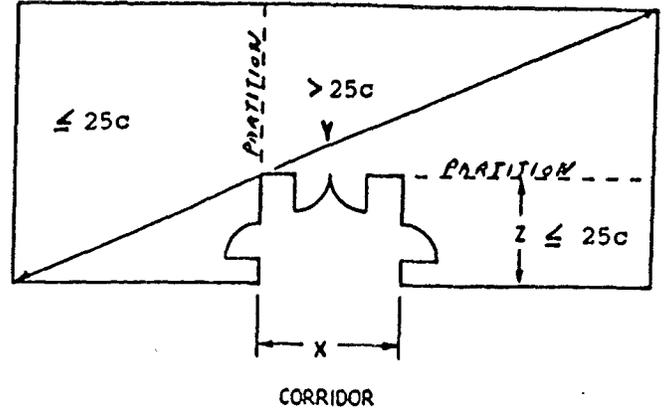


SECTION 236. ILHR 50 to 64 Appendix Section A-51.152 is created to read:

A-51.152 EGRESS CONFIGURATIONS. The following diagrams are provided to aid building designers in determining proper egress configurations:



$$20' \leq x \leq \frac{y}{2}$$



$$20' \leq x \leq \frac{y}{2}$$

SECTION 237. Note to Revisor: In ILHR 50 to 64 Appendix B, delete entire line referencing 51.16 (5) (c), and change 55.34 reference to 55.33 (3).

SECTION 238. ILHR 50 to 64 INDEX is amended to read:
(partial table)

(COLUMNS:)

Definition.....51.01(17n)

DRY CLEANING (Refer Also refer to ch. ILHR 15)...54.14(1)(c)

(FIRE:)

Extinguishers.....51.22, 54.145, ~~55.34~~ 55.33(3), 56.18, 57.18,
58.28, 58.63(3), 59.23, 61.20, 62.50

(GARAGES:)

Mini-Storage Buildings.....62.995

(INSPECTIONS:)

Public School Maintenance.....56.21

(MAINTENANCE:)

Public Schools.....52.22 Note

MANSARDS (Wall construction behind).....51.03(1), (2), (3)
(Also refer to decorative combustible materials).....51.02(15)

MINI-WAREHOUSES MINI-STORAGE BUILDINGS.....54+22 62.995
Definition.....51.01(82a)

(WAREHOUSES:)
Mini-warehouses Mini-Storage Buildings.....54+22 62.995

(WINDOWS:)
Safety-devices-for-cleaning.....52+03

WOOD BLOCKING IN NONCOMBUSTIBLE ASSEMBLIES.....51.02(23)

(END) *

EFFECTIVE DATE

Pursuant to s. 227.22 (2) (intro.), Stats., these rules shall take effect on the first day of the month following publication in the Wisconsin Administrative Register.

RECEIVED

JUL 15 1993

Revisor of Statutes
Bureau

CODES2:4

INSPECTION REPORT AND ORDERS

An inspection of the occupancy shown below discloses violations of orders of the Dept. of Industry, Labor and Human Relations promulgated under authority of Chapter 101, Wis. Stats. SEE REVERSE SIDE FOR APPLICABLE WISCONSIN STATUTES. Report when orders are completed. Avoid delay. Forfeiture for unresolved violations are \$10.00 to \$100.00 each day for each violation. Keep the Department informed.

"Failure of an employer to reasonably enforce compliance by employees with such statute or order of the Department shall constitute failure by the employer to comply with such statute or order." (s. 102.57 Wis. Stats.)

Inspection Date	Report Number	File Number	Page
		Device Inspected	
		Located At (number and street address)	
		City	County
		Violations Explained To	
		Compliance Date	

Note	Item	Orders and Requirements	✓ Done X Not Done
		SAMPLE	

Deputy Name	Deputy's Office Day and Telephone Number
-------------	--

PETITION FOR VARIANCE APPLICATION

Please type or print.

OFFICE USE ONLY	Amount Paid	Receipt Number	Petition No.	E-Number
Owner/Petitioner's Name	Building Or Project		Agent, Architect or Engineering Firm	
Company	Tenant's Name, If Any		Street Address	
Street Address	Location - Street Address		City, State, Zip Code	
City, State, Zip Code	City, County		Telephone Number ()	
Telephone Number	Plan Number, If Known		Contact Person's Name	

1. The rule being petitioned reads as follows (cite specific rule number and language; one rule per application):

2. The rule being petitioned cannot be entirely satisfied because:

SAMPLE

3. The following alternative(s) and supporting information are proposed as a means of providing an equivalent degree of health, safety or welfare as addressed by the rule:

Note: Please attach any pictures, plans, sketches or required position statements.

VERIFICATION BY OWNER - PETITION IS VALID ONLY IF NOTARIZED WITH AFFIXED SEAL AND ACCOMPANIED BY REVIEW FEE
See Section ILHR 2.52 for complete fee information

Note: Petitioner must be the owner of the building or project. Tenants, agents, designers, contractors, attorneys, etc., shall not sign petition unless Power of Attorney is submitted with the Petition For Variance Application

_____, being duly sworn, I state as petitioner that I have read the foregoing
Petitioner's Name (type or print)
petition and I believe it is true and that I have significant ownership rights to the subject building or project.

Petitioner's Signature:	Subscribed And Sworn To Before Me This Date:	Notary Public	My Commission Expires On:
-------------------------	--	---------------	---------------------------

Instructions: This form is to be completed by the fire department chief or designee and sent promptly to the address shown above. Please print or type all responses.

Owner's Name	Building Occupancy Or Facility Description	Agent, Architect or Engineering Firm
Company	Tenant's Name, If Any	Street Address
Street Address	Location - Street Address	City, State, Zip Code
City, State, Zip Code	City, County	Telephone Number ()
Telephone Number	Plan Number, If Known	Contact Person's Name

1. I have read the application for variance of rule ILHR _____
2. I recommend (check appropriate box): Approval Conditional Approval Denial No Comment *
3. Explanation For Recommendation:

SAMPLE

* If desired, Fire Departments may indicate "No Comment" on non-fire safety issues such as sanitation, energy conservation, barrier free environments, etc.

4. I find no conflict with local rules and regulations.
 I find the petition is in conflict with local rules and regulations.

Explanation:

Fire Department Name And Address:

Name Of Fire Chief Or Designee (type or print):

Telephone Number

Signature Of Fire Chief Or Designee:

Date Signed:

BUILDING/STRUCTURE/HVAC PLANS APPROVAL APPLICATION

- Complete Both Sides -

Wisconsin Department of Industry,
Labor & Human Relations
Safety & Buildings Division
Bureau of Buildings & Structures

Scheduling Information - complete
when calling to schedule review:

E-File _____
Plan No. _____

INSTRUCTIONS: Fill in all applicable data. **Caution:** Failure to complete the form entirely may cause additional delay. Submittal of this Plans Approval Application is required for each building. Submit this form with at least 4 sets of plans which include details and data as required by ILHR 50.12. Plans may be submitted to any of the plan review offices listed on the reverse side. Projects are scheduled for review. Please call the selected office prior to submittal. Any components submitted independently from the building plans must be submitted to the office which did the project's initial review.

1. Owner Information		2. Project Information		3. Building or Structure Designer Information																											
Name _____		Building Occupancy Chapter(s) And Use: _____		Designer _____ Registration # _____																											
Company Name _____		Tenant Name (if any) _____		Design Firm _____																											
Number & Street _____		Building Location (number & street) _____		Number & Street _____																											
City, State, Zip Code _____		<input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township Of _____		City, State, Zip Code _____																											
Contact Person _____		County Of _____		Contact Person _____																											
Telephone Number () _____		Property ID No. (tax parcel no. - contact county) _____		Telephone Number () _____ Fax Number () _____																											
Fax Number () _____		Government Owned <input type="checkbox"/> Yes <input type="checkbox"/> No Government Leased Or Operated <input type="checkbox"/> Yes <input type="checkbox"/> No		Return Plans To: <input type="checkbox"/> Owner <input type="checkbox"/> Designer <input type="checkbox"/> Other _____																											
4. Building History		5. Construction Class Requested		6. HVAC Designer Information																											
Previous Owner(s) (if any) _____		<input type="checkbox"/> 1. Fire Resistive Type A <input type="checkbox"/> 2. Fire Resistive Type B <input type="checkbox"/> 3. Metal Frame - Protected <input type="checkbox"/> 4. Heavy Timber <input type="checkbox"/> 5A. Exterior Masonry - Protected <input type="checkbox"/> 5B. Exterior Masonry - Unprotected <input type="checkbox"/> 6. Metal Frame - Unprotected <input type="checkbox"/> 7. Wood Frame - Protected <input type="checkbox"/> 8. Wood Frame - Unprotected if plans do not show compliance with requested Construction class but are approvable at a lower class, do you wish approval at the lower class? <input type="checkbox"/> Yes <input type="checkbox"/> No		Designer _____ Registration # _____																											
Previous Plan or File No. _____				Design Firm _____																											
Variance No. _____ Preliminary No. _____				Number & Street _____																											
Other Information (previous use, last submission) _____				City, State, Zip Code _____																											
				Contact Person _____																											
7. Building Information		8. Submittal Request		9. Supervising Professional Information																											
<input type="checkbox"/> Complete Sprinkler - NFPA _____ <input type="checkbox"/> Partial Sprinkler - NFPA _____ <input type="checkbox"/> Unlimited Area <input type="checkbox"/> Fire Alarm <input type="checkbox"/> Emergency Power <input type="checkbox"/> Smoke Detection <input type="checkbox"/> Hazard Enclosure Total Number of Stories _____ Building Footprint Area _____ sq ft Soil Bearing Capacity _____ psf <input type="checkbox"/> Presumed <input type="checkbox"/> Verified		<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Project</td> <td style="width: 50%;">Review Requested</td> </tr> <tr> <td><input type="checkbox"/> New</td> <td><input type="checkbox"/> Footing/Foundation</td> </tr> <tr> <td><input type="checkbox"/> Alteration</td> <td><input type="checkbox"/> Building</td> </tr> <tr> <td><input type="checkbox"/> Addition</td> <td><input type="checkbox"/> Permission To Start</td> </tr> <tr> <td><input type="checkbox"/> Revisions</td> <td><input type="checkbox"/> HVAC</td> </tr> <tr> <td><input type="checkbox"/> Use Change</td> <td><input type="checkbox"/> Truss</td> </tr> <tr> <td><input type="checkbox"/> ILHR 70 Hist Code</td> <td><input type="checkbox"/> Precast</td> </tr> <tr> <td><input type="checkbox"/> Variance</td> <td><input type="checkbox"/> Structural</td> </tr> <tr> <td><input type="checkbox"/> Preliminary</td> <td><input type="checkbox"/> Laminated Wood</td> </tr> <tr> <td><input type="checkbox"/> Canopy</td> <td><input type="checkbox"/> Metal Building</td> </tr> <tr> <td><input type="checkbox"/> Bleacher</td> <td><input type="checkbox"/> Joist/Girder</td> </tr> <tr> <td><input type="checkbox"/> Tower</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table>		Project	Review Requested	<input type="checkbox"/> New	<input type="checkbox"/> Footing/Foundation	<input type="checkbox"/> Alteration	<input type="checkbox"/> Building	<input type="checkbox"/> Addition	<input type="checkbox"/> Permission To Start	<input type="checkbox"/> Revisions	<input type="checkbox"/> HVAC	<input type="checkbox"/> Use Change	<input type="checkbox"/> Truss	<input type="checkbox"/> ILHR 70 Hist Code	<input type="checkbox"/> Precast	<input type="checkbox"/> Variance	<input type="checkbox"/> Structural	<input type="checkbox"/> Preliminary	<input type="checkbox"/> Laminated Wood	<input type="checkbox"/> Canopy	<input type="checkbox"/> Metal Building	<input type="checkbox"/> Bleacher	<input type="checkbox"/> Joist/Girder	<input type="checkbox"/> Tower		<input type="checkbox"/> Other _____		<input type="checkbox"/> For Building <input type="checkbox"/> Same As Building Designer <input type="checkbox"/> For HVAC <input type="checkbox"/> Same As HVAC Designer Supervising Prof (if different from designer) _____ Registration # _____ Number & Street _____ City, State, Zip Code _____ Telephone Number _____	
Project	Review Requested																														
<input type="checkbox"/> New	<input type="checkbox"/> Footing/Foundation																														
<input type="checkbox"/> Alteration	<input type="checkbox"/> Building																														
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<input type="checkbox"/> Tower																															
<input type="checkbox"/> Other _____																															
10. Related Business Systems - Please call the respective Program for clarification and plan submittal requirements.																															
<input type="checkbox"/> Elevators (608-267-3576) includes: <input type="checkbox"/> Passenger elevator meeting ILHR 18 req. <input type="checkbox"/> Freight elevator meeting ILHR 18 req. <input type="checkbox"/> Part 5 lift (residential type) <input type="checkbox"/> Part 20 lift (wheelchair lift)		<input type="checkbox"/> Flammable/Combustible Liquid (608-267-1379) Will any portion of this building be used for storage or dispensing of flammable / combustible liquids as covered by ILHR 10? <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Boiler/Pressure Vessel (608-266-1904) <input type="checkbox"/> Mechanical Refrigeration/AC (608) 266-1904 <input type="checkbox"/> Plumbing (608-266-3815) Sewer: <input type="checkbox"/> Municipal <input type="checkbox"/> Private Sewage System																											

SAMPLE

11. Calculation of Fees

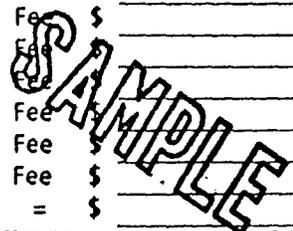
Area: The area of a floor is the area bounded by the exterior surface of the building walls or the outside face of columns where there is no wall. Area includes all floor levels such as subbasements, basements, ground floors, mezzanines, balconies, lofts, all stories and all roofed areas including porches and garages, except for cantilevered canopies on the building wall. Use the roof area for free standing canopies. Total area is the summation of all floor areas.

Attach a separate sheet if necessary for the calculations below:

Floor Level (specify)	Length	X	Width	=	Area
_____	_____	X	_____	=	_____
_____	_____	X	_____	=	_____
_____	_____	X	_____	=	_____
_____	_____	X	_____	=	_____
_____	_____	X	_____	=	_____
			Total Area	=	_____

- Project NOT located in certified municipality (go to Fee Schedule Table 2.31-1).
- Project located in certified municipality (go to Fee Schedule Table 2.31-2).
(See Fee Schedule for list of certified municipalities.)

<input type="checkbox"/> Building and HVAC	Fee	\$	_____
<input type="checkbox"/> Building Only	Fee	\$	_____
<input type="checkbox"/> HVAC Only	Fee	\$	_____
<input type="checkbox"/> Revision To Previously Approved Plan	Fee	\$	_____
<input type="checkbox"/> Permission To Start	Fee	\$	_____
<input type="checkbox"/> Pre-July 1992 Building Components	Fee	\$	_____
<input type="checkbox"/> Other	Fee	\$	_____
	Total Fee	=	\$ _____



12. OWNER'S STATEMENT: I request that plans be reviewed for compliance with the code requirements set forth in Chapters ILHR 50-64 of the rules of the department. I recognize that I am responsible for compliance with all code requirements and any conditions of plan approval. If this building exceeds 50,000 cubic feet in total volume, I will retain a supervising professional as required by ILHR 50.10 throughout construction to project completion and the filing of a Completion Statement by the supervising professional.

Owner's Signature: _____ Name & Title _____
Original Print

13. DESIGNER'S STATEMENT: DESIGN AND SUPERVISION (ILHR 50.07-50.10) if this building, following construction of this project, contains more than 50,000 cubic feet in total volume, plans are required to be prepared, signed, sealed and dated by a Wisconsin registered engineer or architect (ILHR 50.07(2)). Signatures and seals shall be original.

The department expects, and requires, that the project designer review individual component submittals for compliance with the general design concept. The project designer, and department, will rely on the seal of the component designers for compliance with the codes as they apply to their designs.

Total cubic foot volume of the building upon completion of this project: Less Than 50,000 50,000 or Greater

Design loads have been indicated on the plans. Yes N/A

Firewall schematic plan has been included. Yes N/A

All applicable items required by ILHR 50.12 have been included. Yes N/A

I certify that the submitted plans were prepared under my supervision, are accurate, and to the best of my knowledge comply with the applicable codes of the Department of Industry, Labor and Human Relations.

Original Signature of Building Designer	Date Signed	Original Signature of HVAC Designer	Date Signed

14. SUPERVISING PROFESSIONAL'S STATEMENT: I have been retained by the owner as the supervising professional per ILHR 50.10 for the performance or supervision of reasonable on-the-site observations to determine if the construction is in substantial compliance with the approved plans and specifications. Upon completion of construction, I will file a written statement with the department certifying that, to the best of my knowledge and belief, construction has or has not been performed in substantial compliance with the approved plans and specifications.

Original Signature of Professional Supervising The Building	Date Signed	Original Signature of Professional Supervising The HVAC	Date Signed

Hayward Office
209 W. 1st Street
Rt 8, Box 8072
Hayward, WI 54843
Phone (715) 634-4870
Fax (715) 634-5150

La Crosse Office
2226 Rose Street
La Crosse, WI 54603
Phone (608) 785-9334
Fax (608) 785-9330

Madison Office
201 E. Washington Ave.
P.O. Box 7969
Madison, WI 53707
Phone (608) 266-8735
Fax (608) 267-9566

Shawano Office
1053A E. Green Bay Street
P.O. Box 434
Shawano, WI 54166
Phone (715) 524-3626
Fax (715) 524-3633

Waukesha Office
401 Pilot Court, Suite C
Waukesha, WI 53188
Phone (414) 548-8600
Fax (414) 548-8614

NOTE: This permission is applicable only to projects
having below grade foundation work.

Additional fees are required. Contact one of the locations listed below for more information.

HAYWARD OFFICE
Route 8
P.O. Box 8072
Hayward, WI 54843
Tele: (715) 634-4870
FAX: (715) 634-5150

LA CROSSE OFFICE
2226 Rose Street
La Crosse, WI 54603
Tele: (608) 785-9334
FAX: (608) 785-9330

MADISON OFFICE
201 E. Washington Ave.
P.O. Box 7969
Madison, WI 53707
Tele: (608) 266-8735
FAX: (608) 267-9566

SHAWANO OFFICE
1053A E. Green Bay Street
P.O. Box 434
Shawano, WI 54166
Tele: (715) 524-3626
FAX: (715) 524-3633

WAUKESHA OFFICE
401 Pilot Court
Waukesha, WI 53188
Tele: (414) 548-8600
FAX: (414) 548-8614

Project Location:

Street: _____ E-File: _____

City: _____ Plan Number: _____

County: _____ Date Plans Rec'd: _____

Occupancy: _____

SAMPLE

We, the undersigned, request to begin footing and foundation work prior to approval of the plans in accordance with ILHR 50.14.

Plans have been submitted to the Department of Industry, Labor and Human Relations, Safety and Buildings Division, and all information requested by Code ILHR 50.12 or ILHR 50.13 has been included with the submittal.

We have reviewed the specific code requirements for the building or structure and its use, as set forth in ILHR 50-64, and, where applicable, have shown compliance on the drawings.

We agree to make any changes required after the plans have been reviewed and to remove or replace non-code complying parts of the foundation and/or footings.

We agree to proceed with the footings and foundation only and will not continue with the remainder of the building or structure until approval has been received.

We understand that, prior to the start of construction, a Building Permit must be obtained from the local authorities having jurisdiction in accordance with their laws and ordinances.

We understand that if this project is in an unsewered area, a sanitary permit must be obtained prior to the issuance of a local building permit (ss 101.12 (3) (h)).

Owner's Signature: _____
(Original Signature in Ink)

Date Signed: _____

Owner's Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Designer's Signature: _____
(Original Signature in Ink)

Date Signed: _____

Designer's Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Department Action: Approved Not Approved

Review Comments:

Reviewed By: _____ Today's Date _____

Compliance Statement

This form is required to be submitted by the architect, engineer, or HVAC designer (supervising professional) observing construction of projects within buildings with total volumes exceeding 50,000 cubic feet and construction of antennas, towers and bleachers (ILHR 50.10). Failure to submit this form may result in penalties as specified in ILHR 50.26 and/or local ordinances.

General Instructions: Prior to the initial occupancy of new buildings or additions and the final occupancy of altered existing buildings, submit this completed and signed form to:

The municipal building inspection office and
DILHR, Safety and Buildings, P.O. Box 7969, Madison, WI 53707

1. PROJECT INFORMATION: (Use the DILHR or municipal project label, or type or print the information.)

Owner Information	Project Information
Name	Building Occupancy Chapter(s) & Use
Company Name	Tenant Name (if any)
Number and Street	Building Location (number & street)
City	<input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of
State and Zip Code	County of
Plan or Reference Number	Property Identification Number
Name and Registration Number of the Building Supervising Professional	Building Project #
Name and Registration Number of the HVAC Supervising Professional	HVAC Project #

SAMPLE

2. PURPOSE OF THIS STATEMENT: (Check Box A, B, or C to indicate purpose and complete any other applicable boxes and information. Attach additional pages if necessary.)

- Building and HVAC
 Building Only
 HVAC Only
 Partial Completion

Description of Portion Completed _____

A) Statement of Substantial Compliance

To the best of my knowledge, belief, and based on onsite observation, construction of the following building and/or HVAC items applicable to this project have been completed in substantial compliance with the approved plans and specifications.

BUILDING ITEMS

HVAC ITEMS

- | | |
|---|--|
| 1. Structural system including submittal and erection of all building components (trusses, precast, metal building, etc.)
2. Fire protection systems (sprinklers, alarms, smoke detectors, fire extinguishers)
3. Exits including exit and directional lights
4. Shaft and stairway enclosures
5. Fire-resistive construction, enclosure of hazards, fire walls, labeled doors, class of construction
6. Sanitation system (toilets, sinks, drinking facilities)
7. Barrier-free access and circulation
8. All conditions of building plan approval and applicable variances | 1. HVAC system including final test (ILHR 64.53)
2. All conditions of HVAC plan approval and applicable variances |
|---|--|

The following items are not in compliance and must be addressed: _____

B) Statement of Noncompliance

Due to the following listed violations, this project is not ready for occupancy: _____

C) Supervising Professional Withdrawn From Project Date Withdrawn

(Use A or B above to indicate project status as of this date.)

3. SIGNATURES:

Building Supervising Professional	Date	HVAC Supervising Professional	Date
-----------------------------------	------	-------------------------------	------

Tommy G. Thompson
Governor

Carol Skornicka
Secretary



Mailing Address:
201 E. Washington Avenue
Post Office Box 7946
Madison, WI 53707-7946
Telephone (608) 266-7552

State of Wisconsin
Department of Industry, Labor and Human Relations

July 14, 1993

RECEIVED

JUL 15 1993

Gary Poulson
Assistant Revisor of Statutes
Suite 800
131 W. Wilson St.
Madison, Wisconsin 53703-3233

Douglas LaFollette
Secretary of State
10th Floor
30 West Mifflin Street
Madison, Wisconsin 53703

Revisor of Statutes
Bureau

Dear Messrs. Poulson and LaFollette:

TRANSMITTAL OF RULE ADOPTION

CLEARINGHOUSE RULE NO. 93-8
RULE NO. Chapters ILHR 50 - 64
RELATING TO: Miscellaneous Changes to the Commercial Building Code

Pursuant to section 227.20, Stats., agencies are required to file a certified copy of every rule adopted by the agency with the offices of the Secretary of State and the Revisor of Statutes.

At this time, the following material is being submitted to you:

1. Order of Adoption.
2. Rules Certificate Form.
3. Rules in Final Draft Form.

Pursuant to section 227.114, Stats., a summary of the final regulatory flexibility analysis is included for permanent rules. A fiscal estimate and fiscal estimate worksheet is included with an emergency rule.

Respectfully submitted,

Handwritten signature of Carol Skornicka in cursive.

Carol Skornicka
Secretary