

Ind 51.55

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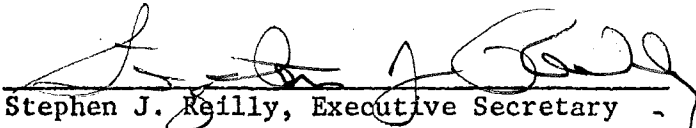
STATE OF WISCONSIN )  
 ) SS  
DEPARTMENT OF INDUSTRY, )  
LABOR AND HUMAN RELATIONS )

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, Stephen J. Reilly, Executive Secretary of the Department of Industry, Labor and Human Relations, and custodian of the official records of said Department, do hereby certify that the attached rules to Wisconsin Administrative Code Chapters Ind 50-59--Building and Heating, Ventilating and Air Conditioning, were adopted by the Department of Industry, Labor and Human Relations on June 10, 1974.

I further certify that said copy has been compared by me with the original on file in this Department and that the same is a true copy thereof and of the whole of such original.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the Department at the Capitol, in the City of Madison, this 11 day of June, A.D., 1974

  
Stephen J. Reilly, Executive Secretary -

ORDER OF  
DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS

Pursuant to authority vested in the Department of Industry, Labor and Human Relations by sections 101.01 to 101.20, Wis. Stats., the Department of Industry, Labor and Human Relations hereby amends, creates, repeals and recreates, and adopts rules of Wisconsin Administrative Code Chapters Ind 50-59--Building and Heating, Ventilating and Air Conditioning.

The rules attached hereto shall become effective on the first day of the month following publication in the Wisconsin Administrative Code as provided in section 227, Wis. Stats.

Subsection Ind 51.02 (11) (c) to be created to read:

- (c) A building having 3 or more floor levels may have an open interior stairway or floor opening connecting any 2 adjacent floors providing:
1. The floors above and below said openings serve to cut off the openings at these floor levels.
    - a. The fire-resistive ratings of floors shall satisfy those specified in Table 51.03-A, but in no case shall the rating be less than one-hour combustible or noncombustible, whichever applies.
  2. The open stairway between 2 floors is in addition to the required stairways and exit passageways specified in the occupancy chapters of this code.
  3. The openings are not prohibited by the occupancy chapters of this code.

Subsection Ind 51.02 (15) to be created to read:

- (15) Decorative wood. Decorative wood may be applied to all required noncombustible exterior surfaces of "0" hourly rated construction or better, up to a limit of 10% of the surface area within any 100 lineal feet of the building.

Table 51.03-B to be amended to read: (see next page)

Subsections Ind 51.03 (5) (a) 1. and 2. to be created to read:

1. Exterior masonry walls shall extend to the underside of projecting roof rafters or joists or bearing points of beams and trusses.
2. Spaces between projecting rafters, joists, beams or trusses shall be firestopped with nominal 2-inch wood blocking or rigid noncombustible material to the underside of the roof decking.

Subsection Ind 51.03 (5) (f) to be amended to read:

- (f) Bays, oriels and similar exterior projections from the walls shall be constructed of material with fire-resistive ratings as required for exterior walls.

Subsection Ind 51.03 (5) (g) to be repealed and recreated to read:

- (g) A mansard shall be constructed entirely of noncombustible material or fire-retardant treated wood satisfying the definition of "noncombustible" if it is subject to one of the following conditions:
1. If the mansard is closer than 20 feet to the adjoining property line or other building(s) on the same property.

Table 51.03-B to be amended to read:

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

<sup>1/</sup> Does not apply to property lines along streets.

<sup>2/</sup> 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.

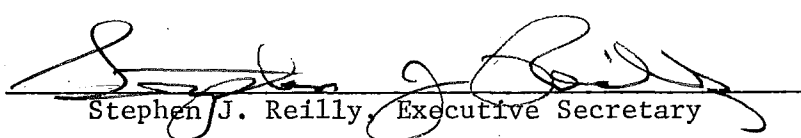
<sup>3/</sup> Fire windows shall be as required for moderate fire exposure -- see Ind 51.047.

2. If the vertical projected area of the mansard exceeds 30% of the area of the wall surface to which it is attached.

Subsection Ind 55.02 (1) (a) to be repealed and recreated to read:

- (a) Exception. For unlimited capacity, the fire protection of structural steel supporting the roof may be omitted for one-story buildings meeting type No. 1, 2 and 3 construction provided the building has no ground or basement floors. Heavy timber columns and roof framing may be substituted for structural steel framing. The roof decking shall be of noncombustible construction meeting the fire-resistive ratings of Table 51.03-A.

DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS

  
Stephen J. Reilly, Executive Secretary

June 11, 1974.  
Date