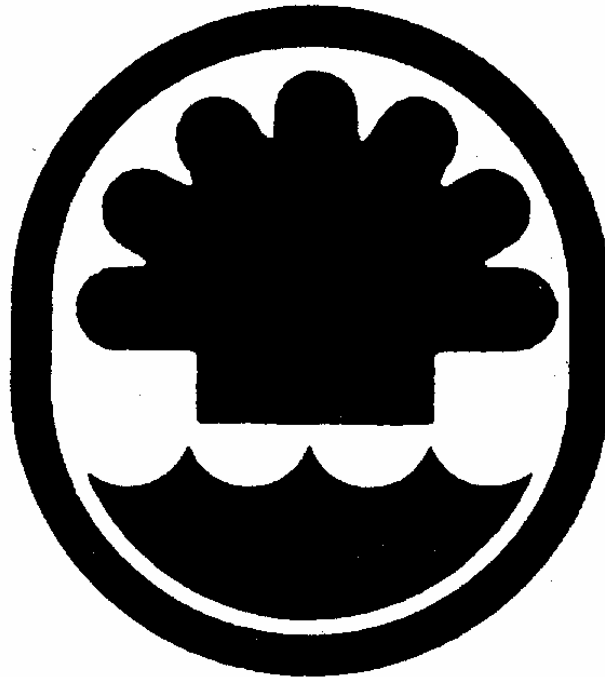


# **EPCOT BUILDING CODE 2002 EDITION**

Errata Package #1



**AS ADOPTED BY THE  
REEDY CREEK IMPROVEMENT DISTRICT**

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THIRTEENTH EDITION**

**P.O. BOX 10170  
LAKE BUENA VISTA, FL 32830**

## EPCOT ACCESSIBILITY CODE

Amend Section 9.1.2 Table on page 35 and proceeding shaded area as follows:

Number of Rooms	Accessible Rooms	Rooms with Roll-in Showers	Florida 5%
1 to 25	1		
26 to 50	2		
51 to 75	3	1	
76 to 100	4	1	
101 to 150	5	2	(See shaded text below)
151 to 200	6	2	
201 to 300	7	3	
301 to 400	8	4	
401 to 500	9	4, plus one for each additional	
501 to 1000	2% of total	100 over 400	
1001 and over	20 plus 1 for each 100 over 1000		

In all buildings, structures and facilities licensed as a hotel, motel or "Resort Condominium," a number of rooms equaling at least 5 percent of the guest rooms minus the number of accessible rooms required by the table above shall provide the additional special accessibility features of 9.2.3.

## **EPCOT BUILDING CODE**

**Amend Section 303.1(g) as follows:**

**EXCEPTION: In lieu of signed and sealed plans and specifications, a letter signed and sealed by a professional engineer registered in the State of Florida, attesting that the design of the Amusement Ride or Device Complies with ASTM F 24 and EPCOT Standard 5-13 may be accepted at the discretion of the Building Official.**

1. For the purpose of this section, definitions of Amusement Ride and Amusement Device found in EPCOT Standard 5-13.101.3 apply for the exception above.

# EPCOT BUILDING CODE

Replace with new table as follows:

**Table 6.2 – FIRE PROTECTION REQUIREMENTS FOR THE TYPES OF CONSTRUCTION<sup>(a)</sup>**

Structural Member or Element Protected	TYPE I		TYPE II		TYPE III HT		TYPE IV				TYPE V				TYPE VI			
	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Protected		Unprotected		Protected		Unprotected		Protected		Unprotected	
							Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall
Fire Division Walls <sup>(a)</sup>																		
Exterior bearing wall <sup>(b)</sup> with approved horizontal separation –																		
From 0' - 5'	3 NC	0	2 NC	0	2 NC	0	2 NC	0	1 NC	0	2 NC	0	1 NC	0	1	0	1	10
over 5' - 10'	3 NC	10	2 NC	10	2 NC	10	2 NC	10	1 NC	10	2 NC	10	1 NC	10	1	10	0	N.L.
10' - 20'	2 NC	20	1 NC	20	1 NC	20	1 NC	20	1 NC	20	1 NC	20	1 NC	20	1	20	0	N.L.
20' - 30'	2 NC	30	1 NC	30	1 NC	30	1 NC	30	NC	30	1 NC	30	NC	30	1	30	0	N.L.
30' - 50'	1 NC	40	1 NC	40	1 NC	40	1 NC	40	NC	40	1 NC	40	NC	40	1	40	0	N.L.
over 50'	1 NC	50	1 NC	50	1 NC	50	1 NC	50	NC	50	1 NC	50	NC	50	1	50	0	N.L.
Exterior nonbearing walls with approved horizontal separation <sup>(b)</sup>																		
From 0' - 5'	2 NC	0	1 NC	0	1	0	1 NC	0	1 NC	0	1 NC	0	1 NC	0	1	10	1	10
over 5' - 10'	1 NC	10	1 NC	10	1	10	1 NC	10	1 NC	10	1 NC	10	1 NC	10	0	N.L.	0	N.L.
10' - 20'	1 NC	20	1 NC	20	1	20	NC <sup>(c)</sup>	20 <sup>(c)</sup>	NC <sup>(c)</sup>	20 <sup>(c)</sup>	NC	20	NC	20	0	N.L.	0	N.L.
20' - 30'	1 NC	30	1 NC	30	1	30	NC <sup>(c)</sup>	30 <sup>(c)</sup>	NC <sup>(c)</sup>	30 <sup>(c)</sup>	NC	30	NC	30	0	N.L.	0	N.L.
30' - 50'	NC	N.L.	NC	N.L.	NC	N.L.	NC <sup>(c)</sup>	N.L. <sup>(c)</sup>	NC <sup>(c)</sup>	N.L. <sup>(c)</sup>	NC	N.L.	NC	N.L.	0	N.L.	0	N.L.
over 50'	NC	N.L.	NC	N.L.	NC	N.L.	NC <sup>(c)</sup>	N.L. <sup>(c)</sup>	NC <sup>(c)</sup>	N.L. <sup>(c)</sup>	NC	N.L.	NC	N.L.	0	N.L.	0	N.L.
For inner court walls see Subsection 701.4.(b)																		
Penthouse walls <sup>(d)</sup>	NC		NC		NC		NC		NC		NC		NC					
Partitions																		
Interior bearing	2 NC		1 NC		1 or HT		1 NC		1 NC <sup>(e)</sup>		<sup>(e)</sup>		<sup>(e)</sup>		<sup>1(e)</sup>		<sup>(e)</sup>	
Interior nonbearing <sup>(e)</sup>	1 NC		1 NC		1 or HT		1 NC		NC <sup>(e)</sup>		<sup>(e)</sup>		<sup>(e)</sup>					
Vertical openings <sup>(h,p)</sup>	1 NC		1 NC		1		1 NC		1 NC		1		1		1			
<b>Columns supporting masonry or bearing walls</b>	3 NC		2 NC		<sup>1(f,s)</sup> 1 or 6x8 <sup>(g)</sup>		1 NC <sup>(f)</sup>		NC <sup>(f)</sup>		<sup>1(f)</sup>		<sup>(f)</sup>		<sup>1(f)</sup>		<sup>(f)</sup>	
Columns supporting																		
Roofs	1 NC		1 NC		1 or 6x8 <sup>(g)</sup>		1 NC		NC		1				1			
Other columns	2 NC		1 NC		1 or 6x8 <sup>(g)</sup>		1 NC		NC		1				1			

Structural Member or Element Protected	TYPE I		TYPE II		TYPE III HT		TYPE IV				TYPE V				TYPE VI			
	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Protected		Unprotected		Protected		Unprotected		Protected		Unprotected	
							Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall	Fire-Resistive Time Period (hr) Construction NC	Opening Permitted %/wall
<b>TRUSSES, GIRDERS, BEAMS</b> Supporting masonry or bearing walls, columns, girders and beams	3 NC		2 NC <sup>(i)</sup>		1 NC <sup>(h, s)</sup>		1 NC <sup>(h)</sup>		NC		1 <sup>(h)</sup>				<sup>(h)</sup>			
Supporting roofs	1 NC <sup>(i)</sup>		1 NC <sup>(i)</sup>		1 or 4x6 <sup>(g)</sup>		1 NC <sup>(c)</sup>		NC <sup>(h)</sup>		1				1			
Supporting floors	2 NC		1 NC		1 or 6x10 <sup>(g)</sup>		1 NC		NC		1		<sup>(m)</sup>					
Arches	2 NC		1 NC		1 <sup>(g)</sup>		1 NC		NC		1				1			
Floor ceiling assembly <sup>(p)</sup>	2 NC		1 NC		<sup>(k)</sup>		1 NC		NC		1		<sup>(i)</sup>		1			
Roof ceiling assembly <sup>(q)</sup>	1 NC <sup>(i)</sup>		1 NC <sup>(i)</sup>		<sup>(g, k)</sup>		1 <sup>(c)</sup>		NC		1				1			
20' or more above floor <sup>(r)</sup>	1 NC <sup>(i)</sup>		NC <sup>(i)</sup>				NC		NC		NC				1			

HT – Heavy timber construction (for construction requirements see Chapter 10 and EPCOT Standard Nos. 10 10-1 and 1010-9

NC – Construction required to be noncombustible

N.L. – Not limited in openings permitted

<sup>a</sup> See Section 701 for requirements for protection of openings because of location on property

<sup>b</sup> See Section 707.5

<sup>c</sup> See Section 604.1

<sup>d</sup> See Section 706.1

<sup>e</sup> See Section 709.1

<sup>f</sup> See Subsection 702.3

<sup>g</sup> See Subsection 603.1(b)

<sup>h</sup> See Subsection 702.2(b)

<sup>i</sup> See Subsection 602.2

<sup>j</sup> See Subsection 605.2

<sup>k</sup> See Subsection 1010 and EPCOT Standard 1010-1 and 1010-9

<sup>m</sup> See Section 702.2 and Appendix L

<sup>n</sup> See EPCOT Standard 5-1 For Elevator Shaft Protection

<sup>o</sup> See Chapter 9 for design load requirements

<sup>p</sup> See Table 7.4

<sup>q</sup> See 502.3 and 708

<sup>r</sup> See 506.3

<sup>s</sup> See 1010.2

# EPCOT PLUMBING CODE

**Amend the Sections as follows:**

**Amend row to Table 403.1–continued, on page 24, as follows:**

	Mercantile (see Sections 403.2, 403.4 and 403.5)	1 per 500	1 per 750	—	1 per 1,000	1 service sink
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**Amend Section 416 by adding the following:**

**416.4 Water Conservation Measures. Lavatories for public use shall be equipped with a sensor-activated or other approved device.**

**Amend Section 419.4 by adding the following section:**

**419.4 Water Conservation Measures.** Urinals for public use shall be equipped with a sensor-activated or other approved device.

**Amend Section 419.2 as follows:**

**419.2 Substitution for water closets.** In each bathroom or toilet room, urinals shall not be substituted for more than 50 percent of the required water closets.

# EPCOT PLUMBING CODE

Amend the Section 1107 as follows:

Replace Table 1107.2 and the text as follows:

Table 1107.2  
SIZE OF HORIZONTAL STORM DRAINS

DIAMETER OF DRAIN (inches)	MAXIMUM PROJECTED ROOF AREA FOR DRAINS OF VARIOUS SLOPES (square feet)		
	1/8 INCH SLOPE	1/4 INCH SLOPE	1/2 INCH SLOPE
3	822	1,160	1,644
4	1,880	2,650	3,760
5	3,340	4,720	6,680
6	5,350	7,550	10,700
8	11,500	16,300	23,000
10	20,700	29,200	41,400
12	33,300	47,000	66,600
15	59,500	84,000	119,000

1 inch = 25.4 mm, 1ft<sup>2</sup> = 0.0929 m<sup>2</sup>

**1107.2.1** Table 1107.1 and Table 1107.2 are based upon a rate of rainfall of 4 inches (102 mm) per hour. If in any state, city, or other political subdivision, the maximum rate of rainfall is more or less than 4 inches (102 mm) per hour, then the figures for roof area shall be adjusted proportionately by multiplying the figure by four and dividing by the maximum rate of rainfall in inches (mm) per hour. See 1107.4.

**1107.3 Vertical walls.** In sizing roof drains and storm drainage piping, one-half of the area of any vertical wall which diverts rain water to the roof shall be added to the projected roof area for inclusion in calculating the required size of vertical leaders and horizontal storm drainage piping.