

**Part VIII — Electrical**

**CHAPTER 34  
GENERAL REQUIREMENTS**

**SECTION E3401  
GENERAL**

**E3401.1 Applicability.** The provisions of NFPA 70, *National Electrical Code Requirements* shall establish the general scope of the electrical system and equipment requirements of this code.

**E3401.2 Scope.** Reserved.

**E3401.3 Not covered.** Reserved.

**E3401.4 Additions and alterations.** Reserved.

**SECTION E3402  
BUILDING STRUCTURE PROTECTION**

**E3402.1 Bonding of metal framing members.** Metal framing members shall be bonded to the equipment grounding conductor for the circuit that may energize the framing and be sized in

accordance with the *National Electric Code*, Table 250.122. For the purpose of this section, a grounded metal outlet box attached to the framing shall be permitted.

**E3402.2 Penetrations of fire-resistance-rated assemblies.** Reserved.

**E3402.3 Penetrations of firestops and draftstops.** Reserved.

**SECTION E3403  
CROSS REFERENCES**

**E3403.1 Cross references.** See Table E3403, Cross References Defining Electrical Requirements of the *Florida Building Code*.

**TABLE E3403  
CROSS REFERENCES DEFINING ELECTRICAL REQUIREMENTS OF THE FLORIDA BUILDING CODE**

<i>Florida Building Code—Building</i>			
Section		Section	
Chapter 1	Administration	Chapter 9	Fire Protection Systems
101	General	901	General
102	Applicability	902	Definitions
105	Permits	903	Automatic Sprinkler Systems
106	Construction Documents	904	Alternative Automatic Fire-Extinguishing Systems
108	Temporary Structures and Uses	907	Fire Alarm and Detection Systems
109	Fees	908	Emergency Alarm Systems
110	Inspections	909	Smoke Control Systems
112	Service Utilities	910	Smoke and Heat Vents
		911	Fire Command Center
Chapter 2	Definitions		
202	Definitions	Chapter 10	Means of Egress
		1006	Means of Egress Illumination and Signs
Chapter 3	Use and Occupancy Classification	1008	Doors, Gates and Turnstiles
302	Classification	1037	Day Care
306	Factory Group F		
307	High -Hazard Group H		
311	Storage Group S		
Chapter 4	Special Detailed Requirement Based on Use and Occupancy		
402	Covered Mall Buildings		
403	High-Rise Buildings		

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GENERAL REQUIREMENTS

<b>TABLE E3403—continued</b> <i>Florida Building Code—Building—continued</i>			
<b>Section</b>		<b>Section</b>	
Chapter 4	Special Detailed Requirement	Chapter 11	<i>Florida Building Code, Accessibility</i>
(continued)	Based on Use and Occupancy		
404	Atriums	Chapter 12	
405	Underground Buildings	1205	Lighting
406	Motor-Vehicle-Related Occupancies		
407	Group I-2	Chapter 13	<i>Florida Building Code, Energy Conservation</i>
408	Group I-3		
409	Motion Picture Projection Rooms	Chapter 26	Plastic
412	Aircraft-Related Occupancies	2606	Light-Transmitting Plastics
414	Hazardous Materials	2611	Light-Transmitting Plastic Interior Signs
415	Groups H-1, H-2, H-3, H-4 and H-5	2612	High-Velocity Hurricane Zones—Plastics
419	Hospitals		
420	Nursing Homes	Chapter 27	Electrical
421	Ambulatory Surgical Centers	2701	General
423	State Requirements for Educational	2702	Emergency and Standby Power Systems
	Facilities		
424	Swimming Pools and Bathing Places	Chapter 30	Elevators and Conveying Systems
	(Public and Private)	3003	Emergency Operations
425	Public Lodging Establishments	3005	Conveying Systems
426	Public Food Service Establishments	3006	Machine Rooms
427	Mental Health Programs		
428	Manufactured Buildings	Chapter 31	Special Construction
431	Transient Public lodging Establishments	3102	Membrane Structures
435	Control of Radiation Hazards	3108	Telecommunication and Broadcast Towers
436	Day Care Occupancies	3112	Lighting, Mirrors, Landscaping
Chapter 7	Fire-Resistance-Rated Construction	Chapter 33	
713	Penetrations	3306	Protection of Pedestrians
703	Fire-Resistance Rating of Structural Members	3310	Means of Egress
715	Opening Protective		
716	Ducts and Air Transfer Openings	Chapter 35	Referenced Standards

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<b>TABLE E3403—continued</b>			
<b>Florida Building Code—Residential</b>			
Section		Section	
Chapter 3	Building Planning	Chapter 24	Fuel Gas
R303	Light, Ventilation and Heating	G2403 (202)	General Definitions
		G2410 (309)	Electrical
Chapter 8	Roof -Ceiling Construction	G2411 (310)	Electrical Bonding
R806.3	Insulation Clearance	G2440 (615)	Sauna Heaters
Chapter 13	General Mechanical System	Chapter 33	General Requirements Electrical
		E3301	General Requirements Electrical
	Requirements		
M1303	Labeling of Equipment	Chapter 43	Referenced Standards
M1305	Appliance Access		
<b>Florida Building Code—Existing</b>			
Section		Section	
Chapter 3	Prescriptive Compliance Method	Chapter 9	Change of Occupancy
		908	Electrical
		911	Other Requirements
Chapter 5	Repairs		
501	General	Chapter 10	Additions
507	Electrical	1001	General
		1004	Smoke Alarms in Occupancy Groups R-3 and R-4
Chapter 6	Alterations-Level 1		
608	Electrical	Chapter 12	Relocated or Moved Buildings
		1202	Requirements
Chapter 7	Alterations-Level 2		
708	Electrical	Chapter 13	Compliance Alternatives
		1301	General
Chapter 8			
801	Alterations-Level 3	Chapter 15	Referenced Standards
		Appendix B	Standard for Rehabilitation
<b>Florida Building Code—Mechanical</b>			
Section		Section	
Chapter 3	General Regulations	Chapter 9	Specific Appliances, Fireplaces and Solid Fuel-Burning Equipment
301	General	912	Infrared Radiant Heaters
306	Access and Service Space	917	Cooking Appliances
		918	Forced-Air Warm-Air Furnaces
Chapter 5	Exhaust Systems	924	Stationary Fuel Cell Power Plants
502	Required Systems	927	Residential Electric Duct Heaters
503	Motors and Fans	928	Vented Residential Floor Furnaces
504	Clothes Dryer Exhaust		
509	Fire Suppression Systems		
513	Smoke and Carbon Monoxide Control Systems		

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**GENERAL REQUIREMENTS**

<b>TABLE E3403—continued</b>			
<b>Florida Building Code—Mechanical</b>			
Section		Section	
Chapter 6	Duct Systems	Chapter 10	Boilers, Water Heaters and
601	General		Pressure Vessels
602	Plenums	1001	General
606	Smoke Detection System Control	1004	Boilers
607	Ducts and Air Transfer Openings	1006	Safety and Pressure Relief Valves
			And Controls
Chapter 8	Chimneys and Vents		
801	General	Chapter 11	Refrigeration
804	Direct-Vent, Integral Vent and Mechanical Draft System	1104	System Application Requirements
		1105	Machinery Room, General Requirements
		1106	Machinery Room, Special Requirements
		Chapter 15	Referenced Standards
<b>Florida Building Code—Plumbing</b>			
Section		Section	
Chapter 6	Water Supply and Distribution	Part II	Design Criteria
601	General	I.	Control Valves
614	Well Pumps and Tanks used for Private Potable Water Systems	Part IV	Materials
		H.	Low Voltage Wiring
Chapter 11	Storm Drainage	I.	Irrigation Controllers
1113	Sumps and Pumping Systems	J.	Pumps and Wells
Chapter 13	Referenced Standards	Part V	Installation
		E.	Low Voltage Wire Installation
Appendix F	Proposed Construction Building Codes For Turf and Landscape Irrigation Systems	F.	Hydraulic Control Tubing
<b>Florida Building Code—Fuel Gas</b>			
Section		Section	
Chapter 2	Definitions	Chapter 6	Specific Appliances
		627	Air Conditioning Equipment
Chapter 3	General Regulations	630	Infrared Radiant Heaters
306	Access and Service Space		
309	Electrical	Chapter 7	Gaseous Hydrogen Systems
310	Electrical Bonding	703	General Requirements
		706	Location of Gaseous Hydrogen Systems
Chapter 4	Gas Piping Installations		
413	Compressed Natural Gas Motor Vehicle Fuel-Dispensing Stations	Chapter 8	Referenced Standards

\* This table is provided only as a tool to assist the construction industry as a general guide. Users should review all sections of the code in order to determine specific applicable electrical requirements.

SECTION E3404  
GENERAL EQUIPMENT REQUIREMENTS  
RESERVED

SECTION E3405  
EQUIPMENT LOCATION AND CLEARANCES  
RESERVED

SECTION E3406  
ELECTRICAL CONDUCTORS AND CONNECTIONS  
RESERVED

SECTIONS E3407  
CONDUCTOR AND TERMINAL IDENTIFICATION  
RESERVED

