

Part VIII — Electrical

**CHAPTER 33
GENERAL REQUIREMENTS**

**SECTION E3301
GENERAL**

E3301.1 Applicability. The provisions of NFPA 70A, *National Electrical Code Requirements for One- and Two-Family Dwellings*, except article 80, shall establish the general scope of the electrical system and equipment requirements of this code. NFPA 70A, *National Electrical Code Requirements for One- and Two-Family Dwellings* covers those wiring methods and materials most commonly encountered in the construction of one- and two-family dwellings and structures regulated by this code. Other wiring methods, materials and subject matter covered in the NFPA 70 are also allowed by this code.

circuit that may energize the framing and be sized in accordance with Table 250.122 of the *National Electric Code*. For the purpose of this section, a grounded metal outlet box attached to the framing shall be permitted.

**SECTION E3303
CROSS REFERENCES**

E3303.1 Cross references. See Table E3303.

**SECTIONS E3304 through E3307
Reserved**

**SECTION E3302 BONDING METAL FRAMING
MEMBERS**

E3302.1 Metal framing members. Metal framing members shall be bonded to the equipment grounding conductor for the

TABLE E3303 CROSS REFERENCES DEFINING ELECTRICAL REQUIREMENTS OF THE FLORIDA BUILDING CODE			
Florida Building Code—Building			
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
107	Temporary Structures and Uses	907	Fire Alarm and Detection Systems
108	Fees	908	Emergency Alarm Systems
109	Inspections	909	Smoke Control Systems
111	Service Utilities	910	Smoke and Heat Vents
		911	Fire Command Center
Chapter 2	Definitions	Chapter 10	Means of Egress
202	Definitions	1006	Means of Egress Illumination and Signs
Chapter 3	Use and Occupancy Classification	1008	Doors, Gates and Turnstiles
302	Classification	1033	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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TABLE E3303—continued Florida Building Code—Building—continued			
Section		Section	
Chapter 4	Special Detailed Requirement	Chapter 11	Florida Accessibility Code For Building Construction
(continued)	Based on Use and Occupancy		Part A
404	Atriums	11-3	Miscellaneous Instructions and Definitions
405	Underground Buildings	11-4	Accessible Elements and Spaces: Scope and Technical Requirements
406	Motor-Vehicle-Related Occupancies	11-9	Accessible Transient Lodging
407	Group I-2		Part B
408	Group I-3	5	Guidelines
409	Motion Picture Projection Rooms		
412	Aircraft-Related Occupancies	Chapter 12	
414	Hazardous Materials	1205	Lighting
415	Groups H-1, H-2, H-3, H-4 and H-5		
419	Hospitals	Chapter 13	Energy Efficiency
420	Nursing Homes	13-101	Scope
421	Ambulatory Surgical Centers	Subchapter	
423	State Requirements for Educational Facilities	13-2	Definitions
		13-3	Referenced Standards and Organizations
424	Swimming Pools and Bathing Places	13-4	Commercial Building Compliance Methods
	(Public and Private)	13-6	Residential Building Compliance Methods
425	Public Lodging Establishments	Appendix 13-B	Supplemental Information for Subchapter 13-4
426	Public Food Service Establishments		
427	Mental Health Programs	Chapter 26	Plastic
428	Manufactured Buildings	2606	Light-Transmitting Plastics
431	Transient Public lodging Establishments	2611	Light-Transmitting Plastic Interior Signs
435	Control of Radiation Hazards	2612	High-Velocity Hurricane Zones—Plastics
436	Day Care Occupancies		
		Chapter 27	Electrical
Chapter 7	Fire-Resistance-Rated Construction	2701	General
712	Penetrations	2702	Emergency and Standby Power Systems
714	Fire-Resistance Rating of Structural Members		
715	Opening Protective	Chapter 30	Elevators and Conveying Systems
716	Ducts and Air Transfer Openings	3003	Emergency Operations
		3005	Conveying Systems
		3006	Machine Rooms
		3011	Alterations to Electric and Hydraulic Elevators and Escalators
		Chapter 31	Special Construction
		3102	Membrane Structures
		3108	Radio and Television Towers
		3112	Lighting, Mirrors, Landscaping
		Chapter 33	
		3306	Protection of Pedestrians
		3310	Exits
		Chapter 35	Referenced Standards

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TABLE E3303—continued			
Florida Building Code—Residential			
Section		Section	
Chapter 3	Building Planning	Chapter 24	Fuel Gas
R303	Light, Ventilation and Heating	G2403 (202)	General Definitions
R313	Smoke Alarms	G2410 (309)	Electrical
R317	Dwelling Unit Separation	G2411 (310)	Electrical Bonding
		G2440 (615)	Sauna Heaters
Chapter 8	Roof -Ceiling Construction		
R808	Insulation Clearance	Chapter 33	General Requirements Electrical
		E3301	General Requirements Electrical
Chapter 13	General Mechanical System		
	Requirements	Chapter 43	Referenced Standards
M1303	Labeling of Equipment		
M1305	Appliance Access		
Florida Building Code—Existing			
Section		Section	
Chapter 3	Classification of Work	Chapter 9	Additions
305	Alterations-Level 3	904	General
		901	Smoke Alarms in Occupancy
Chapter 4	Repairs		Groups R-3 and R-4
401	General		
408	Electrical	Chapter 11	Relocated or Moved Buildings
		1102	Requirements
Chapter 5	Alterations-Level 1		
508	Electrical	Chapter 12	Compliance Alternatives
		1201	General
Chapter 6	Alterations-Level 2		
608	Electrical	Chapter 14	Referenced Standards
Chapter 8	Change of Occupancy	Appendix B	Standard for Rehabilitation
808	Electrical		
811	Other Requirements		
Florida Building Code—Mechanical			
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 Control Systems		

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TABLE E3303—continued Florida Building Code—Mechanical			
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
Florida Building Code—Plumbing			
Section		Section	
Chapter 6	Water Supply and Distribution	Part II	Design Criteria
601	General	I.	Control Valves
612	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
Florida Building Code—Fuel Gas			
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.