





# ALL STRUCTURES

## ELECTRIC EQUIPMENT, APPLIANCES, MATERIALS AND INSTALLATION

- \_\_\_\_\_ Construction documents submitted *(IBC 107.1, 107.2)*
- \_\_\_\_\_ Equipment, approval, listing and installation instructions *(110.2, 110.3)*

## WIRING METHODS AND MATERIALS *(Article 300)*

- \_\_\_\_\_ Required
- \_\_\_\_\_ Shown

## SERVICE *(Article 230)*

- \_\_\_\_\_ Number of services *(230.2)*
- \_\_\_\_\_ Conductor size/rating (overhead) *(230.23)*
- \_\_\_\_\_ Conductor size/rating (underground) *(230.31)*
- \_\_\_\_\_ Raceway seal *(230.8, 300.5(G))*
- \_\_\_\_\_ Insulation of service conductors *(230.41)*
- \_\_\_\_\_ Interrupting rating *(110.9, 110.10)*
- \_\_\_\_\_ Working space *(110.26)*
- \_\_\_\_\_ Disconnecting means *[230.70(A)(B)(C)]*
- \_\_\_\_\_ Maximum number of disconnects *(230.71)*
- \_\_\_\_\_ Grouping of disconnects *(230.72)*
- \_\_\_\_\_ Ground fault protection *(230.95, 240.13)*
- \_\_\_\_\_ Protection of conductors rated 800 amperes or less *[240.4(B)]*
- \_\_\_\_\_ Protection of conductors rated over 800 amperes *[240.4(C)]*
- \_\_\_\_\_ Overcurrent protection *(230.90; 230.91)*

## GROUNDING *(Article 250)*

- \_\_\_\_\_ Grounded conductor to service equipment *[250.24(C)]*
- \_\_\_\_\_ Electrode system *(250.50, 250.52, 250.53; 250.54)*
- \_\_\_\_\_ Conductors *(250.62, 250.64, 250.66)*
- \_\_\_\_\_ Resistance to ground *(250.56)*

## SEPARATELY DERIVED AC SYSTEMS

- \_\_\_\_\_ Grounding *[250.20(D), 250.30]*
- \_\_\_\_\_ Transformer overcurrent protection (600 volt, nominal or less) *(450.3)*
- \_\_\_\_\_ Primary/secondary *[450.3(B); Table 450.3(B)]*
- \_\_\_\_\_ Ventilation *(450.9)*

## MEANS OF EGRESS *(IBC 1006, 1011)*

- \_\_\_\_\_ Exit signs *(IBC 1011)*
- \_\_\_\_\_ Means of egress lighting *(IBC 1006)*

## EMERGENCY SYSTEMS *(Article 700) (IBC 2702)*

- \_\_\_\_\_ Power source *(700.12)*
- \_\_\_\_\_ Independent wiring *(700.9)*
- \_\_\_\_\_ Storage battery *[700.12(A)]*
- \_\_\_\_\_ Generator set *[700.12(B)]*
- \_\_\_\_\_ Separate service *[700.12(D)]*
- \_\_\_\_\_ Unit equipment *[700.12(F)]*
- \_\_\_\_\_ Signs *(700.8, 701.9)*
- \_\_\_\_\_ Loads on emergency branch circuits *(700.15)*

## STANDBY SYSTEMS *(Article 701)(IBC 2702)*

- \_\_\_\_\_ Capacity and rating *(701.6)*
- \_\_\_\_\_ Power source *(701.11)*
- \_\_\_\_\_ Storage battery *[701.11(A)]*
- \_\_\_\_\_ Generator set *[701.11(B)]*
- \_\_\_\_\_ Uninterruptable power supply *[(701.11(C))]*
- \_\_\_\_\_ Separate service *[701.11(D)]*
- \_\_\_\_\_ Connected ahead of service disconnect *[701.11(E)]*
- \_\_\_\_\_ Unit equipment *[701.11(G)]*

## MISCELLANEOUS REQUIREMENTS

- \_\_\_\_\_ Wiring in ducts, plenums and other air handling spaces (300.22)
- \_\_\_\_\_ Mechanical Equipment Service receptacle [210.8(B)(3), 210.63]
- \_\_\_\_\_ Fixture supports (410.30, 410.36)
- \_\_\_\_\_ Identification of Disconnecting Means (110.22, 408.4)

- \_\_\_\_\_ Conduit seals (refrigeration) (300.7)

## FIRE PUMP REQUIREMENTS (ARTICLE 695)

- \_\_\_\_\_ Power source (695.3)
- \_\_\_\_\_ Disconnects (695.4(B))
- \_\_\_\_\_ Power wiring (695.6)
- \_\_\_\_\_ Overload Protection [695.6(D)]
- \_\_\_\_\_ Voltage drop (695.7)

## DISCONNECTING MEANS (Article 430)

- \_\_\_\_\_ Motors (430-IX)
- \_\_\_\_\_ Appliances (422-III)
- \_\_\_\_\_ Elevators (620-VI)

## WET LOCATIONS

- \_\_\_\_\_ Receptacles (406.8)
- \_\_\_\_\_ Electric metallic tubing (358)
- \_\_\_\_\_ Conductors (310.8(C), Table 310.13)
- \_\_\_\_\_ Lighting fixtures (Article 410)
- \_\_\_\_\_ Marking [410.10(A)]
- \_\_\_\_\_ Grounding [(250.2; 250.4(A)(4) and (5))]

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## RESIDENTIAL

### CONSTRUCTION DOCUMENTS

- \_\_\_\_\_ Submitted (IBC 107.1, 107.2)

### RECEPTACLES REQUIRED (210.52)

- \_\_\_\_\_ Ground fault circuit interrupter [210.8(A)]
- \_\_\_\_\_ Arc-fault circuit interrupter (210.12)
- \_\_\_\_\_ Receptacle spacing [210.52(A)]
- \_\_\_\_\_ Small appliances [210.52(B)]
- \_\_\_\_\_ Counter tops [210.52(C)]
- \_\_\_\_\_ Bathroom [210.52(D), 210.8(A)(1)]
- \_\_\_\_\_ Outdoor [210.52(E)]
- \_\_\_\_\_ Laundry areas [210.52(F)]
- \_\_\_\_\_ Basements and garages [210.52(G)]
- \_\_\_\_\_ Hallways [210.52(H)]
- \_\_\_\_\_ Receptacle grounding [406.3(A)(B)(C)]

### CIRCUITS REQUIRED (210.11)

- \_\_\_\_\_ Number [210.11(A)]

- \_\_\_\_\_ Small appliance [210.11(C)(1)]

- \_\_\_\_\_ Laundry [210.11(C)(2)]

- \_\_\_\_\_ Bathroom [210.11(C)(3)]

### REQUIRED LIGHTS (210.70)

- \_\_\_\_\_ Dwelling units [210.70(A)(C)]
  - \_\_\_\_\_ Bathroom
  - \_\_\_\_\_ Hallway
  - \_\_\_\_\_ Stairways
  - \_\_\_\_\_ Attached garage
  - \_\_\_\_\_ Outdoor entrance
  - \_\_\_\_\_ Attic
  - \_\_\_\_\_ Basement
  - \_\_\_\_\_ Guest room [210.70(B)]

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## NOTES