

## 2018 International Residential Code Amendments

7-900. - INTERNATIONAL RESIDENTIAL CODE ADOPTED. The 2018 edition of the International Residential Code, including appendices E, H, and J, and its most current errata as published by the International Code Council is hereby adopted and incorporated in this chapter as fully as if set forth herein, excepting only such parts or portions thereof as are specifically added or amended.

7-901. - INTERNATIONAL RESIDENTIAL CODE DELETED; CHAPTER 1. ADMINISTRATION. Chapter 1, entitled Administration is hereby deleted. (See Article I of this Chapter)

7-902. - INTERNATIONAL RESIDENTIAL CODE DATA ENTRY; TABLE R301.2(1). TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA. Table R301.2(1) shall include the following data:

Ground Snow Load: Twenty (20) pounds per square foot.

Wind Speed: Ninety (90) miles per hour.

Seismic Design Category: A

Weathering: Severe.

Frost Line Depth: Thirty-six (36) inches.

Termite: Moderate to Heavy

Decay: Slight to Moderate.

Winter Design Temperature: Six (6) degrees Fahrenheit.

Ice Shield Underlayment Required: Yes

Flood Hazards: See Article

Air Freezing Index: 927

Mean Annual Temperature: 55.5 degrees Fahrenheit

Manual J Design Criteria is hereby Deleted

*-Added design criteria specific to this region.*

7-903. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION R302.5.1 OPENING PROTECTION. Section R302.5.1 Opening Protection is amended to read as follows: Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8ths inches (35mm) in thickness, solid or honeycomb core steel doors not less

than 1 1/8ths inches (35mm) thick, or 20 minute fire-rated doors, equipped with a self closing device.

Exception: Attic access openings shall not be required to be equipped with a self closing device.

*-States that a self closing device is not required on attic access openings*

7-904. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION R303.3 BATHROOMS. Section R303.3 is hereby amended to read as follows: Bathrooms, water closet compartments and other similar rooms shall be provided with aggregate glazing area in windows of not less than 3 square feet (0.279 m<sup>2</sup>), one-half of which must be openable.

EXCEPTION: The glazed areas shall not be required where artificial light and a mechanical ventilation system are provided. The minimum ventilation rates shall be 50 cfm (23.6L/s) for intermittent ventilation or 20 cfm (9.4 L/s) for continuous ventilation. Ventilation air from the space shall be exhausted directly to the outside or to an attic ventilated in accordance with Section R806. The point of discharge of the exhaust air shall be at least 3 feet from any opening into the building. Bathrooms which contain only a water closet or lavatory, or combination thereof, and similar rooms, may be ventilated with an approved mechanical recirculating fan or similar device designed to remove odors from the air.

*-States that bathroom exhaust can discharge into an attic area that is vented in accordance with this code.*

7-905. - INTERNATIONAL RESIDENTIAL CODE DELETED; SECTION R303.4 MECHANICAL VENTILATION. Section R303.4 Mechanical Ventilation is hereby deleted.

*-Removes the threshold for outdoor air into a home dwelling.*

7-906. – INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION R311.3.2 FLOOR ELEVATIONS FOR OTHER EXTERIOR DOORS. Section R311.3.2 Floor elevations for other exterior doors is hereby amended to read as follows: Doors other than the required egress door shall be provided with landings or floors not more than 7 ¾ inches (196 mm) below the top of the threshold.

EXCEPTION:

A landing is not required where a stairway of four or fewer risers is located on the exterior side of the door, provided the door does not swing over the stairway.

*-Allows exterior doors other than the front door of a dwelling to have a maximum of four steps on the outside of the door instead of a landing.*

7-907.- INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION R311.7.8.5 GRIP SIZE. Section R311.7.8.5 is hereby amended to read as follows; All required handrails shall be of one of the following types or provide equivalent graspability.

1. Type I. Handrails with a circular cross section shall have an outside diameter of at least 1-1/4 inches (32mm) and not greater than 2 inches (51 mm). If the handrail is not circular it shall have a perimeter dimension of at least 4 inches (102 mm) and not greater than 6-1/4 inches (160 mm) with a maximum cross section of dimension of 2-1/4 inches (57 mm).

2. Type II. Handrails with a perimeter greater than 6-1/4 inches (160mm) shall provide a graspable finger recess area on both sides of the profile. The finger recess shall begin within a distance of 3/4 inch (19 mm) measured vertically from the tallest portion of the profile and achieve a depth of at least 5/16 inch (8mm) within 7/8 inch (22mm) below the widest portion of the profile. This required depth shall continue for at least 3/8 inch (10mm) to a level that is not less than 1-3/4 inches (45 mm) below the tallest portion of the profile. The minimum width of the handrail above the recess shall be 1-1/4 inches (32 mm) to a maximum of 2-3/4 inches (70mm). Edges shall have a minimum radius of 0.01 inches (0.25 mm).

EXCEPTION:

Handrails provided at other non-required exterior stairs may have a maximum horizontal cross-sectional dimension of 3-1/2 inches and shall be easily graspable.

*-Allows for a 2X4 laid flat as a suitable handrail for a stairway on an exterior deck.*

7-908. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION R313 AUTOMATIC FIRE SPRINKLER SYSTEMS. Section R313 is hereby amended to read as follows: A builder of a one- and two family dwelling or townhouse shall offer to any purchaser, on or before the time of entering into the purchase contract the option, at the purchaser's cost, to install or equip fire sprinklers in the one- and two-family dwelling or townhouse. Notwithstanding any other provision of law to the contrary, no purchaser of such one- and two family dwelling or townhouse shall be denied the right to install a fire sprinkler system in such dwelling or townhouse being purchased. The provisions of this section, which are intended to mirror the requirements of section RSMo 67.281, shall expire on December 31st, 2022.

*-Amended to comply with state statute.*

7-909. - INTERNATIONAL RESIDENTIAL CODE DELETED; SECTION R313.1 TOWNHOUSE AUTOMATIC FIRE SPRINKLER SYSTEMS. Section R313.1 Townhouse automatic fire sprinkler systems is hereby deleted.

*-Amended to comply with state statute.*

7-910. - INTERNATIONAL RESIDENTIAL CODE DELETED; SECTION R313.2 ONE- AND TWO FAMILY DWELLING AUTOMATIC FIRE SYSTEMS. Section R313.2 One- and two family dwellings automatic fire systems is hereby deleted.

*-Amended to comply with state statute.*

7-911. - INTERNATIONAL RESIDENTIAL CODE DELETED; R317.1.1 FIELD TREATMENT. Section R317.1.1 is hereby deleted.

*-Deletes the requirement for field treatment of cut ends of treated lumber.*

7-912. - INTERNATIONAL RESIDENTIAL CODE DELETED; SECTION R318.1.2 FIELD TREATMENT. Section R318.1.2 is hereby deleted.

*-Deletes the requirement for field treatment of cut ends of treated lumber.*

7-913. – INTERNATIONAL RESIDENTIAL CODE DELETED; SECTION R326 SWIMMING POOLS, SPAS AND HOT TUBS. Section 326 is hereby deleted.

*-Deletes the reference to the Swimming Pools, Spas and Hot Tubs code that is not currently adopted.*

7-914. - INTERNATIONAL RESIDENTIAL CODE ADDED; SECTION R401.3.1 MINIMUM STANDARDS. Section R401.3.1 is hereby added to read as follows: A. Minimum standards: All drainage facilities shall be designed to carry waters to the nearest drainage way, storm sewer conveyance, or other approved point of collection and conveyance. Erosion of ground in the area of discharge shall be prevented by installation of erosive control devices. Unless specified drainage ways and swales are specifically approved by the building official, abutting property lines between structures shall be designed to function as drainage ways. The toe of slopes shall set back from the property line a minimum of one foot. The area surrounding the building foundation shall have a drainage gradient as provided for in the International Residential Code, as amended from time to time with a draining gradient thereafter of not less than two percent toward approved drainage facilities unless waived by the building official.

B. Prohibited conduct: No person shall allow or cause any:

1) Obstruction to be created, installed or maintained within any drainage way, detention facility, or engineered swale which will create ponding on adjacent property, divert water onto the adjoining property, or impede drainage. Fences may be erected in such areas provided they do not unnecessarily restrict the flow of water.

2) Water from intermittent sources such as discharges from sump pumps, downspouts, foundation drains, swimming pools, swimming pool backwashes, or other similar sources excluding lawn sprinklers to be discharged closer than five feet to any adjoining property line.

C. Enforcement: Where such conditions exist and the code official has given written notice of the violation, the owner of the property shall take appropriate measures to eliminate the problems caused on the adjacent property, within the time period stated in the notice, and failure to do so shall be a violation of this chapter.

*-Added storm water provisions that more clearly define acceptable discharge.*

7-915. - INTERNATIONAL RESIDENTIAL CODE ADDED; SECTION R403.1.1.1 FOOTING REINFORCEMENT. Section R403.1.1.1 is hereby added to read as follows; Footings for basement foundation walls shall have a minimum reinforcement consisting of not less than two No. 4 bars, uniformly spaced, located a minimum of 3 inches clear from the bottom and edges of the footing.

*-States a minimum standard for footing size and reinforcement.*

7-916. - INTERNATIONAL RESIDENTIAL CODE ADDED. SECTION R403.1.1.2 COLUMN PADS. Section R403.1.1.2 is hereby added and reads as follows; Unless specified otherwise, column pads shall be a minimum of 24 inches by 24 inches and 8 inches deep (24" x 24" x 8"). Reinforcement shall consist of a minimum of three No. 4 bars each way, uniformly spaced, within each column pad.

*-States a minimum standard for column pad size and reinforcement.*

7-917. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION R404.1.7 BACKFILL PLACEMENT. Section R404.1.7 is hereby amended to read as follows; Backfill shall not be placed against the wall until the wall has sufficient strength or has been sufficiently braced to prevent damage by the backfill.

EXCEPTION: Such bracing is not required for walls supporting less than 4 feet (1219 mm) of unbalanced backfill.

*-States that a concrete foundation wall can be backfilled once it has cured to a sufficient strength.*

7-918. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION R405.2.3 DRAINAGE SYSTEM. Section R405.2.3 is hereby amended to read as follows: A sump shall be provided to drain the porous layer, footings, and foundations that retain earth and enclose habitable or usable space located below grade that do not drain and discharge by gravity to an approved storm sewer system or to daylight. The sump shall be at least 24 inches (610mm) in diameter or 20 inches square (0.0129 m<sup>2</sup>), shall extend at least 24 inches (610mm) below the bottom of the basement floor and shall be capable of positive gravity or mechanical drainage to remove any accumulated water. Sumps receiving storm water from any exposed exterior drain(s) or opening(s) shall be provided with back-up system(s) capable of assuring proper sump operation in case of power failure. The drainage system shall discharge into an approved storm sewer system or to daylight.

*-Requires sump pumps that receive discharge from exterior daylight drains shall have a battery backup system installed.*

7-919. - INTERNATIONAL RESIDENTIAL CODE ADDED; SECTION R506.2.5 INTERIOR UNDERSLAB DRAINS. Section R506.2.5 is hereby added to read as follows: Where foundations retain earth and enclose habitable or usable space located below grade, drains shall be provided below the floor slab. Drainage tiles, perforated pipe or other approved systems or materials shall be installed at or below the area(s) to be protected; shall be placed with positive or neutral slope to minimize the accumulation of deposits in the drainage system; and shall discharge by gravity or mechanical means to an approved storm water drainage system. The underslab drainage system shall be installed around the inner perimeter of the area(s) to be protected, or, in a manner that will provide adequate drainage for all area(s) to be protected and is approved by the building official. Interior underslab drains installed on

uncompacted fill material shall be supported by mechanical means which are adequately tied into the concrete slab to ensure proper drainage throughout the underslab drain(s).

*-Requires an interior drain tile under basement floor slabs to help prevent damage caused from hydrostatic pressure from ground water.*

7-920. – INTERNATIONAL RESIDENTIAL CODE DELETED; SECTION R507.9.2 LATERAL CONNECTION. Section R507.9.2 is hereby deleted.

*-Deleted the requirement and reference to a diagram of a device installed on exterior decks.*

7-921. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION R602.1 DRILLING AND NOTCHING OF THE TOP PLATE. Section R602.1 Drilling and notching of the top plate is amended to read as follows: When piping or ductwork is placed in or partly in an exterior wall or interior load bearing wall, necessitating cutting, drilling or notching of the top plate by more than 50 percent of its width, a galvanized metal tie not less than 0.054 inch thick (1.37 mm) (16 ga) and 1 ½ inches (38 mm) wide shall be fastened across and to the plate at each side of the opening with not less than four 10d (0.148 inch diameter) having a minimum length of 1 ½ inches (38 mm) at each side or equivalent. The metal tie must extend a minimum of 6 inches past the opening. See figure R602.6.1

EXCEPTION: When the entire side of a wall with the notch or cut is covered by wood structural panel sheathing.

*-Reduces the amount of nails required on each side of the over notched top plate from 8 nails to 4.*

7-922. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION R801.3 ROOF DRAINAGE. Section R801.3 is hereby amended to read as follows: All dwellings shall have a controlled method of water disposal from roofs that will collect and discharge all roof drainage to the ground surface at least three (3) feet from foundation walls or to an approved drainage system.

*-Requires downspout discharge a minimum of 3 feet from the foundation wall.*

7-223. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION R902.1. ROOF COVERING MATERIALS. Section R902.1 Roofing covering materials is hereby amended to read as follows: Roofs shall be covered with materials as set forth in Sections R904 and R905. Except where the code requires greater protection, roof coverings for new buildings or structures or additions thereto, or roof coverings utilized for re-roofing shall be a minimum of Class C. Class A, B or C roofing shall be installed in areas designated by law as requiring their use or when the edge of the roof is less than 3 feet (914 mm) from a property line. Classes A, B and C roofing required to be listed by this section shall be tested in accordance with UL 790 or ASTM E 108. Roof assemblies with coverings of brick, masonry, slate, clay or concrete roof tile, exposed concrete roof deck, ferrous or copper shingles or sheets, and metal sheets and shingles, shall be considered Class A roof coverings.

*-Establishes a minimum roof covering material for flame spread.*

7-924. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION R907.1 GENERAL. Section R907.1 is hereby amended to read as follows: Materials and methods of application used for re-covering or replacing an existing roof covering shall comply with the requirements of Chapter 9 as amended. Re-roofing includes any repairs of more than 10% of the total roof covering in any three year period. A repair of 10% or less of the total roof covering in any three year period may utilize approved roofing materials comparable to the existing roofing materials.

EXCEPTION: Re-roofing shall not be required to meet the minimum design slope requirement of one-quarter unit vertical in 12 units horizontal (2-percent slope) in Section R905 for roofs that provide positive roof drainage.

*-Defines what is considered re-roofing.*

7-925. - INTERNATIONAL RESIDENTIAL CODE DELETED; CHAPTER 11. Chapter 11 is hereby deleted.(See Article 8 of this chapter)

*-Deletes the energy provisions of the IRC.*

7-926. - INTERNATIONAL RESIDENTIAL CODE DELETED; CHAPTER 12. MECHANICAL ADMINISTRATION. Chapter 12 is hereby deleted. (See article 1 of this chapter)

7-927. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION M1501.1 OUTDOOR DISCHARGE. Section M1501.1 is hereby amended to read as follows: The air removed by every mechanical exhaust system shall be discharged to the outdoors. Air shall not be exhausted into an attic, soffit, ridge vent or crawl space.

EXCEPTIONS:

1.) Whole-house ventilation-type attic fans that discharge into the attic space of dwelling units having private attics shall be permitted.

2.) Bathroom exhaust fans installed in accordance with amended section R303.3.

*--States that bathroom exhaust can discharge into an attic area that is vented in accordance with this code.*

7-928. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION M1507.2 RECIRCULATION OF AIR. Section M1507.2 is hereby amended to read as follows: Exhaust air from bathrooms and toilet rooms shall not be recirculated within a residence or to another dwelling unit and shall be exhausted in accordance with amended section R303.3.

*-States that bathroom exhaust can discharge into an attic area that is vented in accordance with this code.*

7-929.- INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION G2414.5.2 COPPER TUBING. Section G2414.5.2 is hereby amended to read as follows: Copper tubing shall comply with standard Type K or L of ASTM B 88 or ASTM B 280. Copper and brass tubing shall not be



utilized to distribute natural gas nor shall it be utilized to distribute any other fuel gas within a building or structure.

*-States that copper tubing is prohibited material for distributing natural gas.*

7-930. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION G2417.4.1 TEST PRESSURE. Section G2417.4.1 is hereby amended to read as follows; The test pressure to be used shall be not less than one and one-half times the proposed maximum working pressure, but not less than 10 psig (68.9kPa) irrespective of design pressure. For welded piping, and for piping carrying gas at pressures in excess of fourteen (14) inches water column pressure, the test pressure shall not be less than 60 psig. Where the test pressure exceeds 125 psig (862 kPa gauge), the test pressure shall not exceed a value that produces a hoop stress in the piping greater than 50 percent of the specified minimum yield strength of the pipe.

*-States the minimum guidelines for testing a fuel gas system.*

7-931. - INTERNATIONAL RESIDENTIAL CODE DELETED; CHAPTER 25. PLUMBING ADMINISTRATION. Chapter 25 is hereby deleted. (See Article 1 of this chapter)

7-932. - INTERNATIONAL RESIDENTIAL CODE ADDED; SECTION P2601.2.1 PROHIBITED DRAINAGE AND CONNECTIONS. Section P2601.2.1 is hereby added to read as follows: Sanitary sewer systems shall be designed, built and maintained in such a manner to prevent all storm or ground water from draining, discharging or entering into the sanitary sewer system. Connection of sump pumps, foundation drains, yard drains, gutter downspouts and any other storm water drainage receptacle(s) or system(s) are specifically prohibited from being connected to the sanitary sewer system.

*-States prohibited connections to a sanitary sewer service system.*

7-933. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION P2603.5 FREEZING. Section P2603.5 is hereby amended to read as follows: Water, soil or waste pipe shall not be installed outside of a building, in exterior walls, in attics or crawl spaces, or in any other place subjected to freezing temperature unless adequate provision is made to protect it from freezing by insulation or heat or both. Water service pipe shall be installed not less than 42 inches in depth below grade.

*-States the minimum burial depth for a water service line.*

7-934. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION P2603.5.1 SEWER DEPTH. Section P2603.5.1 is hereby amended to read as follows: Building sewers shall be a minimum of 12 inches below grade.

*-States the minimum burial depth for a sanitary sewer service line.*

7-935.- INTERNATIONAL RESIDENTIAL CODE ADDED; SECTION P2604.5 INSPECTION. Section P2604.5 is hereby added to read as follows: Excavations required for the installation of a building drainage system shall be open trench work and shall be kept open until the piping has been inspected and approved to cover.



*-States guidelines for sanitary sewer service lines for visual inspection.*

7-936.- INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION P2902.5.3 LAWN IRRIGATION SYSTEMS. Section P2902.5.3 is hereby amended to read as follows: The potable water supply to lawn irrigation systems shall be protected against backflow by a device approved by the Missouri Department of Natural Resources. Backflow devices installed within structures shall be installed a minimum of 6 inches away from any wall or vertical obstruction. The backflow device shall be installed between 12 inches and 48 inches above the floor and shall be accessible.

*-States the backflow device installed on lawn irrigation systems shall comply with Missouri Department of Natural Resources.*

7-937.- INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION P2902.6.2 PROTECTION OF BACKFLOW PREVENTERS. Section P2902.6.2 Protection of backflow preventers is hereby amended to read as follows: Backflow preventers shall not be located in areas subject to freezing except where they can be removed by means of unions, or are protected by heat, insulation or both.

EXCEPTION: In-ground backflow preventers installed for lawn irrigation systems.

*-Allows backflow devices for irrigation systems to be installed at a depth less than the frost line.*

7-938. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION P3002.2 BUILDING SEWER. Section P3002.2 is hereby amended to read as follows: Building sewer piping shall be as shown in Table P3002.2. Forced main sewer piping shall conform to one of the standards for ABS plastic pipe, cast-iron pipe, copper or copper-alloy tubing, PVC plastic pipe, or pressure-rated pipe listed in Table P3002.2. In addition, building sewer piping shall be a minimum of schedule 40 PVC/ABS or equivalent unless otherwise approved by the building official.

*-Establishes a minimum material for sewer service.*

7-939.- INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION P3005.4.2 BUILDING DRAIN AND SEWER SIZE AND SLOPE. Section P3005.4.2 is hereby amended to read as follows: Pipe sizes and slope shall be determined from Table P3005.4.2 on the basis of drainage load in fixture units (d.f.u.) computed from Table P3004.1. The minimum size of a building sewer serving a dwelling unit shall be four inches.

*-Establishes a minimum size for building sewer service.*

7-940.- INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION P3114.3 WHERE PERMITTED. Section P3114.3 is hereby amended to read as follows: Individual vents, branch vents, circuit vents and stack vents shall be permitted to terminate with a connection to an air admittance valve only when approved by the Administrative Authority.

*-States air admittance valves are only approved to be installed when approved.*

7-941. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION E3601.6.2 SERVICE DISCONNECT LOCATION. Section E3601.6.2 is hereby amended to read as follows: The service disconnecting means shall be installed at a readily accessible location either outside of a building or inside nearest the point of entrance of the service conductors. When service conductors are more than 10 feet in length from the point of entry to the service panel, a separate means of disconnect shall be installed at the service cable entrance to the building or structure. Service disconnecting means shall not be installed in bathrooms. Each occupant shall have access to the disconnect serving the dwelling unit in which they reside.

*-States a maximum distance for a disconnect inside a building.*

7-942.- INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION E3901.4.5 RECEPTACLE OUTLET LOCATION. Section E3901.4.5 Receptacle outlet location is hereby amended to read as follows: Receptacle outlets shall be located not more than 20 inches (508 mm) above the countertop or work surface. Receptacle outlet assemblies installed in countertops and work surfaces shall be listed for use in countertops or work surfaces. Receptacle outlets rendered not readily accessible by appliances fastened in place, appliance garages, sinks or rangetops as addressed in the exception to Section 3901.4.1, or appliances occupying dedicated space shall not be considered as these required outlets.

EXCEPTION: Receptacle outlets shall be permitted to be mounted not more than 12 inches (305 mm) below the countertop or work surface in construction designed for the physically impaired or for island and peninsular countertops or work surface where the surface is flat across its entire surface and there are no means to mount a receptacle within 20 inches (508 mm) above the countertop, such as in an overhead cabinet. Receptacles mounted below the countertop or work surface in accordance with this section shall not be located where the countertop or work surface extends more than 6 inches (152 mm) beyond its support base.

*-Allows receptacles to be installed on the side of island countertops that do not have a backsplash.*

7-943.- INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION E3902.2 GARAGE AND ACCESSORY BUILDING RECEPTACLES. Section E3902.2 Garage and accessory building receptacles is hereby amended to read as follows: All 125-volt, single-phase, 15- and 20- ampere receptacles installed in garages and grade level portions of unfinished accessory buildings used for storage or work areas shall have ground-fault circuit interrupter protection for personnel.

EXCEPTIONS:

- 1.) Receptacles that are not readily accessible such as a ceiling mounted receptacle for a garage door opener.
- 2.) A single receptacle supplied by a dedicated branch circuit that is located and identified for a specific use by a cord-and-plug-connected appliance such as a refrigerator, freezer or sump pump.

3.) A receptacle supplying only a permanently installed fire alarm or burglar alarm system.

*-Allows for receptacles in garages that are dedicated for specific appliances to not be protected from ground-fault.*

7-944. - INTERNATIONAL RESIDENTIAL CODE AMENDED; SECTION E3902.5 UNFINISHED BASEMENT RECEPTACLES. Section E3902.5 Unfinished basement receptacles is hereby amended to read as follows: All 125-volt, single phase, 15- and 20- ampere receptacles installed in unfinished basements shall have ground fault circuit interrupter protection for personnel. For the purposes of this section, unfinished basements are defined as portions or areas of the basement not intended as habitable rooms and limited to storage areas, work areas, and the like.

Exceptions:

1.) Receptacles that are not readily accessible such as a ceiling mounted receptacle for a garage door opener.

2.) A single receptacle supplied by a dedicated branch circuit that is located and identified for a specific use by a cord-and-plug-connected appliance such as a refrigerator, freezer or sump pump.

3.) A receptacle supplying only a permanently installed fire alarm or burglar alarm system.

*-Allows for receptacles in garages that are dedicated for specific appliances to not be protected from ground-fault.*