ORDINANCE NO. _____

AN ORDINANCE ADOPTING THE 2009 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE AND AMENDING TITLE 18 (BUILDING AND CONSTRUCTION), CHAPTER 18.10 (RESIDENTIAL CODE), OF THE EL PASO CITY CODE, TO PROVIDE FOR LOCAL AMENDMENTS TO THE 2009 INTERNATIONAL RESIDENTIAL CODE, THE PENALTY BEING AS PROVIDED IN SECTION 18.02.107 (VIOLATIONS AND PENALTIES) OF THE EL PASO CITY CODE.

WHEREAS, the 2009 edition of the International Residential Code has been published and adoption of the 2009 edition of the International Residential Code is now proposed; and

WHEREAS, the Development Services Department Director and the Planning and Development Legislative Review Committee have reviewed and favorably recommend the adoption of the 2009 International Residential Code together with the local amendments appropriate for the City of El Paso; and

WHEREAS, the City Council has deemed the proposed local amendments appropriate for the City of El Paso.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

A. That the book entitled "International Residential Code," 2009 Edition, a copy of which authenticated by the City Clerk is on file in the City Clerk's Office, is hereby adopted by the City Council for the City of El Paso.

B. That Title 18 (Building and Construction), Chapter 18.10 (Residential Code), of the El Paso City Code, containing the local amendments to the 2009 International Residential Code, shall be and is hereby amended in its entirety to read as follows:

TITLE 18 BUILDING AND CONTRUCTION
Chapter 18.10 RESIDENTIAL CODE*
18.10.010 Short title.
18.10.020 Adoption.
18.10.030 Section R101.2 Scope, amended.
18.10.040 Section R105.2 Work exempt from permit, item #3 deleted.
18.10.050 Section R310.2 Climatic and geographic design criteria, amended.
18.10.060 Section R303.8 Required heating, amended.
18.10.070 Section R308.4 hazardous locations, item 3, amended
18.10.080 Section R313 Automatic Fire Sprinkler Systems, deleted.
18.10.090 Section R319 Site Address, amended.
18.10.100 Section R320 Accessibility deleted.
18.10.110 Section R506.1 General, amended.
18.10.120 Section R802.10.2 Design, amended.

18.10.130 Chapter 11, Energy Efficiency, deleted.
18.10.140 Section M1201.2 Application, amended.
18.10.150 Section M1413 Evaporative Cooling Equipment, amended.
18.10.160 Section G2404.1.2 Manufactured homes, added.
18.10.170 Section G2412.2 Liquefied petroleum gas storage, amended.
18.10.180 Section G2412.9 Meter location, added.
18.10.190 Section G2415.3 Piping in concealed locations, amended.
18.10.200 Section G2417.4 Test pressure measurement, amended.
18.10.210 Section P2501.2 Application, amended.
18.10.220 Section P2602.1 General, amended.
18.10.230 Section P2709.2 Lining required, amended.
18.10.240 Section P2709.2.3 Hot-mopping, deleted.
18.10.250 Section P2709.3.1 Materials, amended.
18.10.260 Section P2725 Swimming pools, added.
18.10.270 Section P2903.3.2 Accessibility, added.
18.10.280 Section P2905.19 Under concrete slabs, added.
18.10.290 Section P3002.1 Piping within buildings, amended.
18.10.300 Section P3005.2.7 Building drain and building sewer junction, amended.
18.10.310 Part VIII Electrical, deleted.
18.10.320 Appendix E, Manufactured Housing Used as Dwellings, adopted.
18.10.330 Section AE101.1 General, amended.
18.10.340 Appendix G, Swimming Pools, Spas and Hot Tubs, adopted and amended.
18.10.350 Appendix H, Patio Covers, adopted.
18.10.360 Appendix K, Sound Transmission, adopted.
18.10.370 International Building Code Section 2109.3 Adobe Construction, adopted.
18.10.380 Appendices.
18.10.390 Conflicting ordinances.
*Prior history: Ords. 14729, 15166, 15967.

18.10.010 Short title.
This chapter may be cited as the "Residential Code."

18.10.020 Adoption.
The book entitled "International Residential Code, For One- and Two-Family Dwellings" 2009 Edition, a copy of which authenticated by the City Clerk is on file in the City Clerk's Office, is adopted as the Residential Code of the City, as fully as if copied at length in this chapter, but with the amendments set forth in this chapter and Chapter 18.02, the Building and Administrative Code of the City of El Paso.

18.10.030 Section R101.2 Scope, amended.
International Residential Code, 2009 Edition, R101.2 Scope, is hereby amended to read as follows:

R101.2 Scope.
The provisions of this Code apply to the construction, prefabrication, alteration, repair, use, occupancy, movement, enlargement, replacement, demolition and maintenance of detached one-

family dwellings and attached two, three, or four-family dwellings having separate independent entries, independent utility services, with open space on at least one side, and less than three stories in height and townhouses not more than three stories in height, and their accessory buildings.

Exception: As an alternative, existing buildings undergoing repair, alteration, additions or change of occupancy shall be permitted to comply with the El Paso Existing Building Code.

18.10.040 Section R105.2 Work exempt from permit, item #3 deleted.
International Residential Code, 2009 Edition, Section R105.2 Work exempt from permit, item # 3 under **Building**, is hereby deleted in its entirety.

18.10.050 Section R301.2 Climatic and geographic design criteria, amended.
International Residential Code, 2009 Edition, Section R301.2 Climatic and Geographic Design Criteria is hereby amended by completing Table 301.2(1), Climatic and Geographic Design Criteria, to read as follows:

Table R301.2(1)
Climatic and Geographic Design Criteria

Roof Snow Load (psf)	Wind Speed (mph)	Seismic Design Category	Subject to Damage from Weathering	Subject to Damage from Frost Line Depth	Subject to Damage from Termite	Subject to Damage from Decay	Winter Design Temp	Flood Hazard
7	90	C	Negligible	6”	Moderate to Heavy	None to Slight	32°F	See Municipal Code Chapter 18.60

18.10.060 Section R303.8 Required heating, amended.
International Residential Code, 2009 Edition, Section R303.8, Required heating, is hereby amended to read as follows:

R303.8 Required heating and cooling.
Interior spaces intended for human occupancy shall be provided with active or passive space-heating and cooling systems capable of maintaining an indoor temperature between 68 F (20 C) and 90 F at a point 3 feet above the floor and 2 feet from exterior walls in all habitable spaces. The installation of portable space heaters shall not be used to achieve compliance with this section.

18.10.070 Section R308.4 Hazardous locations, item 3, amended.
International Residential Code, 2009 Edition, Section R308.4 Hazardous locations, item #3 is hereby amended to read as follows:

3. Glazing in an individual fixed or operable panel that meets any of the following conditions.

18.10.080 Section R313 Automatic Fire Sprinkler Systems, deleted.
International Residential Code, 2009 Edition, Section R313, Automatic Fire Sprinkler Systems, is hereby deleted in its entirety.

18.10.090 Section R319 Site Address, amended.
International Residential Code, 2009 Edition, Section R319, Site Address, is hereby amended to read as follows:

SECTION R319
SITE ADDRESS
R319.1 Building Numbering.
R319.1.1 Definitions.
For the purpose of administering the numbering of buildings, the following definitions shall apply:

1. "Building Numbering" means those numbers and/or letters as may be needed to identify building(s) at a municipal street address.
2. "Municipal Street Address" means the building numbering used in conjunction with the street name and assigned by the Planning Division of the City of El Paso for the purposes of identifying individual properties.
3. "Prominently Displayed" means that which is uniformly located, readily noticeable, and easily readable from the street during normal daytime atmospheric conditions by a person having normal vision.

R319.1.2 Municipal Street Address Identification.
Building numbering shall be displayed on all buildings for which a municipal street address has been assigned. In order to provide for the prominent display and uniform location of municipal street addresses, residential building numbering shall comply with the following:

1. Building numbering shall be displayed in characters having a minimum height of four (4) inches.
2. For properties fronting on a street with curbs, building numbering shall be mounted or painted on the face of the curb in close proximity to the entry driveway. In the case of a corner property fronting on two streets with the driveway located on the street that is not the street name of the municipal street address, the building numbering shall be mounted or painted in a prominent location on the face of the curb fronting on the addressed Street.
3. For other properties, building numbering shall be located on the building wall fronting the addressed street or on another permanent structure that fronts on the addressed street and is closer to the street than the building wall.
4. It is recommended, but not required, that building numbering for residential buildings meet the requirements of building numbering for other buildings described in Chapter 18.08.

R319.1.3 Administration and Enforcement.
The requirements of this Section shall be administered as part of the building permit and inspection process. The building official shall refuse the issuance of a final inspection and certificate of occupancy unless the building numbering has been provided as required by this Section.

R319.1.4 Alternate Building Numbering Location.
The building official shall be authorized to approve alternate location(s) for building numbering required under this Section when the owner of the property satisfactorily demonstrate that the alternate location(s) provide(s) an equivalent degree of visibility and readability.

18.10.100 Section R320 Accessibility, deleted.
International Residential Code, 2009 Edition, Section R320, Accessibility, is hereby is deleted in its entirety.

18.10.110 Section R506.1 General, amended.
International Residential Code, 2009 Edition, Section R506.1, General, is hereby amended to read as follows:

R506.1 General.
Concrete slab-on-ground floors shall be a minimum of 3.5 inches (89 mm)(for expansive soils, see Section R403.1.8). The specified compressive strength of concrete shall be as set forth in Section R402.2.

Slabs shall be constructed with control joints having a depth of at least one-fourth the slab thickness, and joints shall be spaced at intervals not more than 30 feet in each direction and slabs not rectangular in shape shall have control joints across the slab at points of offset, if offset exceeds 10 feet.

Exception: Control joints are not required or may exceed 30-foot intervals where welded wire fabric or equivalent is provided in accordance with Table 506. The welded fabric or equivalent material shall be placed at mid-depth of the slab or 2 inches from the top surface for slabs more than 4 inches in thickness.

Table 506

Maximum Dimension of Slab or Distance Between Control Joints (Feet) Slab Thickness (Inches)	Maximum Dimension of Slab or Distance Between Control Joints (Feet) Slab Thickness	Maximum Dimension of Slab or Distance Between Control Joints (Feet) Slab Thickness	Maximum Dimension of Slab or Distance Between Control Joints (Feet) Slab Thickness	Maximum Dimension of Slab or Distance Between Control Joints (Feet) Slab Thickness	Maximum Dimension of Slab or Distance Between Control Joints (Feet) Slab Thickness	WWF Wire Spacing (Inches)	WWWF Wire Size Designation

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3.5	(Inches) 4.0	(Inches) 4.5	(Inches) 5.0	(Inches) 5.5	(Inches) 6.0		
42	36	32	29	26	24	6x6	W1.4 X W1.4
59	52	46	42	38	35	6x6	W2.0 X W2.0
86	75	67	60	55	50	6x6	W2.9 X W2.9

Values in table are based on reinforcement with yield strength of 65,000 psi.

18.10.120 Section R802.10.2 Design, amended.
International Residential Code, 2009 Edition, Section R802.10.2 Design, is hereby amended to add the following sentence at the end of the section, to read as follows:

R802.10.2 Design.
The truss design drawings shall be prepared, signed, and sealed by a registered professional engineer, licensed in Texas.

18.10.130 Chapter 11, Energy Efficiency, deleted.
International Residential Code, 2009 Edition, Chapter 11, Energy Efficiency, is hereby deleted in its entirety.

18.10.140 Section M1201.2 Application, amended.
International Residential Code, 2009 Edition, Section M1201.2 Application, is hereby amended to read as follows:

M1201.2 Application.
In addition to the general administrative requirements of Chapter 18.02, Building and Construction Administrative Code, the provisions of this Chapter shall also apply to the requirements of Chapters 13 through 24.

18.10.150 Section M1413 Evaporative Cooling Equipment, amended.
International Residential Code, 2009 Edition, Section M1413, Evaporative Cooling Equipment, is hereby amended to read as follows:

M1413 Evaporative Cooling.

M1413.1 General.
Every evaporative cooler installed in, on or adjacent to any building as a part of a cooling or air conditioning system shall comply with these provisions.

M1413.2 Location.
M1413.2.1 No evaporative cooler shall be installed so as to obstruct any required means of egress nor reduce passage of required light and air.

M1413.2.2 Evaporative cooler installations that extend beyond the exterior line of a structure shall comply with Building Code and Zoning Regulations as to allowable projection and overhead clearance. Evaporative cooler structures which project more than eighteen inches (18") into a traveled right-of-way shall maintain a minimum clearance of fourteen feet (14') above grade.

M1413.3 Materials of Construction.
M1413.3.1 All evaporative cooler blowers and cabinets, including pan, corner posts, top and pad frames, shall be constructed of non-combustible materials or approved plastics as defined below. Evaporative pads and interior water circulatory systems need not be of non-combustible materials.

M1413.3.2 Approved Plastics.
Approved plastic or reinforced plastic materials shall be those which are classified 94-5V in accordance with Underwriters Laboratory Test 94-5V "Vertical Burning Test for Classifying Materials".

M1413.3.3 Evidence of Compliance.
Evidence of compliance with the requirements of Section M1413.3.1 to 1413.3.2 shall accompany all equipment installed within the City of El Paso.

M1413.4. Electrical Connections.
Electrical components and installations shall conform to the El Paso Electrical Code. The blower motor and water recirculation pump shall be internally protected to shut-off automatically in the event of an electrical overload or excessive temperature. The maximum shut-off temperature shall be: (1) blower motor, 105°C; and (2) pump, 135°C.

M1413.5 Plumbing Connections.
Water connections and materials shall conform to the El Paso Plumbing Code.

M1413.6 Structural Supports.
Evaporative cooler fastenings, including mounts, platforms and frames, shall be of non-combustible material and shall be of sufficient size and strength to meet the requirements of the International Building Code.

M1413.7 Water Supply.

M1413.7.1 Bleeder Lines Prohibited.
New and replacement evaporative coolers shall not be provided or installed with bleeder lines.

M1413.7.2 Automatic water draining System Required.
An automatic water draining system shall be provided for all evaporative coolers for which the cooler manufacturer requires the use of a bleeder line. The automatic water draining system shall operate on a periodic basis of not less than a 4-hour interval between operation times and shall be capable of fully draining the water from the cooler pan. The automatic draining system shall either discharge into the building drainage system through an indirect waste piping system

complying with Section 802 of the Plumbing Code or shall be conducted to the exterior of the building or structure, and shall be discharged so that the effluent is used for watering landscaping or other outdoor vegetation. In no event shall drainage from coolers be wasted into or upon the public way.

18.10.160 Section G2404.1.2 Manufactured homes, added.
International Residential Code, 2009 Edition, Section G2404.1.2, Manufactured Homes, is hereby added to read as follows:

G2404.1.2 Manufactured Homes.
Appliance installations in manufactured housing meeting the requirements of the Texas Manufactured Housing Standards Act, or in industrialized housing or industrialized buildings meeting the requirements of the Texas Industrialized Housing and Building Act or bearing the Federal Compliance Plate (ANSI-A119.1), including the appliance connections and the fuel gas piping system, shall not be subject to the provisions of this Code except for the test provisions of Sections G2417.4.1 and G2417.4.2.

18.10.170 Section G2412.2 (401.2) Liquefied petroleum gas storage, amended.
International Residential Code, 2009 Edition, Section G2412.2, Liquefied petroleum gas storage, is hereby amended to read as follows:

G2412.2 Liquefied Petroleum Gas.
G2412.2.1 Liquefied Petroleum Gas Storage.
The storage system for liquefied petroleum gas shall be designed, installed and an operational permit obtained in accordance with the Fire Code.

G2412.2.2 Liquefied Petroleum Gas Service.
Liquefied Petroleum Gas systems shall not be installed in Group R1, R2, R3 and R4 occupancies when a natural gas utility supply pipe is available within 300 feet of the buildings.

18.10.180 Section G2412.9 Meter location, added.
International Residential Code, 2009 Edition, Section G2412.9, Meter Location, is hereby added to read as follows:

G2412.9 Meter Location.
A meter location, when required, shall be provided for the building or premises to be served. The location shall be such that the meter and connections are accessible in order that they may be read or changed. Space requirements, dimensions, and type of installation shall be acceptable to the gas company. Meter location will be determined by the utility company in conformance with their service franchise.

18.10.190 Section G2415.3 Piping in concealed locations, amended.
International Residential Code, 2009 Edition, Section G2415.3, Piping in concealed locations, is hereby amended to read as follows:

G2415.3 Piping in Concealed Locations.

Portions of a piping system installed in concealed locations shall not have unions, tubing fittings, bushings, compression couplings and swing joints made by combinations of fittings.

Exceptions:
1. Tubing joined by brazing.
2. Fittings listed for use in concealed locations.

18.10.200 Section G2417.4 (406.4) Test pressure measurement, amended.
International Residential Code, 2009 Edition, Section G2417.4 Test Pressure Measurement, is hereby amended to read as follows:

G2417.4 Test Pressure Measurement.
Test pressure shall be measured with a manometer or with a pressure-measuring device designed and calibrated to read, record, or indicate a pressure loss caused by leakage during the pressure test period. The source of pressure shall be isolated before the pressure tests are made. Mechanical gauges used to measure test pressures shall have a range such that the highest end of the scale is not greater that two (2) times the test pressure. Tests requiring a pressure of 10 psi or less shall utilize a testing gauge having increments of 0.20 psi or less. Tests requiring a pressure greater than 10 psi but less than or equal to 60 psi shall utilize a testing gauge having increments of 1 psi or less.

G2417.4.1 Test Pressure.
Low pressure gas piping shall withstand a pressure of at least 10 psi or 16 inches of mercury. Higher pressure gas piping shall withstand a pressure of at least 60 psi on a clock gauge with a printed record chart. For the purposes of this section, "low pressure" shall mean pressure equal to or less than 0.5 psi.

G24l7.4.2 Test duration.
Test duration shall be not less than 15 minutes for low pressure gas piping and not less than 4 hours for higher pressure gas piping.

18.10.210 Section P2501.2 Application, amended.
International Residential Code, 2009 Edition, Section P2501.2 Application, is hereby amended to read as follows:

P2501.2 Application.
In addition to the general administrative requirements of Chapter 18.02, Building and Construction Administrative Code of the El Paso City Code, the provisions of this Chapter shall also apply to the plumbing requirements of Chapters 25 through 32.

18.10.220 Section P2602.1 General, amended.
International Residential Code, 2009 Edition, Section P2602.1, General, is hereby amended to read as follows:

P2602.1 General.

The water distribution and drainage system of any building or premises where plumbing fixtures are installed shall be connected to a public water supply and to a public sewer system.

Exception:

1. Bathtubs, showers, lavatories, clothes washers and laundry sinks shall not be required to discharge to the sanitary drainage system where such fixtures discharge to an approved gray water recycling system. Evaporative coolers automatic water draining systems may discharge to an approved gray water recycling system.

2. When a public sewer is not available within 300 feet of the building for use, an individual or private sewage disposal system may be utilized provided that such system is designed, installed and maintained in accordance with the requirements of Chapter 18.21 of the Municipal Code.

18.10.230 Section P2709.2 Lining required, amended.
International Residential Code, 2009 Edition, Section P2609.2, Lining required, is hereby amended to read as follows:

P2709.2 Lining Required.
All shower receptors shall be provided with an approved lining, except as noted herein. The adjoining walls and floors, enclosing field-constructed shower receptors shall be lined with copper or other approved materials listed in this Code, extending not less than three (3) inches beyond or around the rough jambs and not less than three (3) inches above finished thresholds. Recessed shower compartments need not be lined, provided the compartment is formed of concrete, is recessed a minimum of four (4) inches below the adjacent floor level, and the concrete is not less than three and one-half (3 1/2) inches thick with an ultimate compressive strength of not less than two thousand (2000) pounds per square inch.

18.10.240 Section P2709.2.3 Hot-mopping, deleted.
International Residential Code, 2009 Edition, Section P2709.2.3, Hot-Mopping, is hereby deleted in its entirety.

18.10.250 Section P2709.3.1 Materials, amended.
International Residential Code, 2009 Edition, Section 2709.3.1, Materials, is hereby amended to read as follows:

P2709.3.1 Materials.
Plasticized polyvinyl chloride (PVC) sheets shall be a minimum of 0.040 inch (1.02 mm) thick and shall meet the requirements of ASTM D4551. Non-plasticized chlorinated polyethylene sheets shall be a minimum 0.040 inch (.102 mm) thick, and shall meet the requirements of ASTM D 4068. Sheet copper shall conform to ASTM B 152 and shall not weigh less than 12 ounces per square foot. Copper linings shall be isolated from conducting substances other than the connecting drain by fifteen (15) pound asphalt felt or its equivalent. Joints in copper pans or liners, shall be silver brazed. Joints in PVC and CPE liner materials shall be jointed per the manufacturer's recommendations.

18.10.260 Section P2725 Swimming pools, added.
International Residential Code, 2009 Edition, Section P2725, Swimming Pools, is hereby added to read as follows:

P2725 Swimming Pools, Spas and Hot Tubs.
Piping carrying waste water from swimming pools, spas, hot tubs and wading pools, including pool drainage, backwash from filters, water from scum gutter drains or floor drains which serve walks around pools, shall be installed and connected as an indirect waste to an approved drain. If necessary, a sump pump shall be used when indirect waste line is below the sewer grade.

18.10.270 Section P2903.3.2 Accessibility, added.
International Residential Code, 2009 Edition, Section P2903.3.2, Accessibility, is hereby added to read as follows:

2903.3.2 Accessibility
Installation shall be such as to make the regulator accessible without excavating or removing permanent structural or finished portions of the structure.

18.10.280 Section P2905.19 Under concrete slabs, added.
International Residential Code, 2009 Edition Section P2905.19, Under Concrete Slabs, is hereby added to read as follows:

P2905.19 Under Concrete Slabs.
Inaccessible water distribution piping under slabs shall be copper water tube minimum Type L, brass, ductile iron pressure pipe, galvanized steel, chlorinated polyvinyl chloride (PVC) or crosslinked polyethylene (PEX) plastic pipe or tubing--all to be installed with approved fittings or bends. The minimum pressure rating for plastic pipe or tubing installed under slabs shall be 100 psi at 180 °F.

18.10.290 Section P3002.1 Piping within buildings, amended.
International Residential Code, 2009 Edition, Section P3002.1. Piping within Buildings is hereby amended to delete all references to and use of plastic pipe with a solid cellular core or composite wall drainage or vent pipe.

18.10.300 Section P3005.2.7 Building drain and building sewer junction, amended.
International Residential Code, 2009 Edition, Section P3005.2.7, Building Drain and Building Sewer Junction, is hereby amended to read as follows:

P3005.2.7 Building Drain and Building Sewer Junction.
There shall be a cleanout within 10 feet of the junction of the building drain and the building sewer. The cleanout shall be outside the building and shall be brought up to the finished ground level. An approved two-way cleanout is allowed to be used at this location to serve as a required cleanout for both the building drain and building sewer.

18.10.310 Part VIII Electrical, deleted.

International Residential Code, 2009 Edition, Part VIII--Electrical, is hereby deleted in its entirety and the following shall substitute in its stead:

Chapter 18.16 Adopted.
The provisions of Chapter 18.16, City of El Paso Electrical Code, shall regulate the installation of electrical systems, equipment and components, indoors and outdoors that are within the scope of this Code, including services, power distribution systems, fixtures, appliances, devices and appurtenances.

18.10.320 Appendix E, Manufactured Housing Used as Dwellings, adopted.
International Residential Code, 2009 Edition, Appendix E, Manufactured Housing Used as Dwellings is hereby adopted in its entirety.

18.10.330 Section AE101.1 General, amended.
International Residential Code, 2009 Edition, Section AE101.1 General, is hereby amended to read as follows:

Section AE101 General.
These provisions shall be applicable only to a manufactured home used as a single-dwelling unit and shall apply to the following:

1. Construction, alteration and repair of any foundation system which is necessary to provide for the installation of a manufactured home unit.
2. Construction, installation, addition, alteration, repair or maintenance of the building service equipment which is necessary for connecting manufactured homes to water, fuel or power supplies and sewage systems.
3. Alterations, additions or repairs to existing manufactured homes. The construction, alteration, moving, demolition, repair and use of accessory buildings and structures and their building service equipment shall comply with the requirements of the Municipal Code.

These provisions shall not be applicable to the design and construction of manufactured homes nor shall they be deemed to authorize either modifications or additions to manufactured homes where otherwise prohibited.

18.10.340 Appendix G, Swimming Pools, Spas and Hot Tubs, adopted and amended.
International Residential Code, 2009 Edition, Appendix G, Swimming Pools, Spas and Hot Tubs, is hereby adopted in its entirety with the following amendments:

18.10.340.101 Section AG101.1 General, amended.
International Residential Code, 2009 Edition, Section AG101.1, General, is hereby amended to read as follows:

AG101.1 General.
Existing swimming pools, spas and hot tubs shall comply with International Residential Code, 2009 Edition, Appendix G or the most recently adopted International Residential Code in effect

at the time a building permit was issued to install, build, alter, change or replace the swimming pool.

18.10.340.102 Section AG105.1.1, added.
International Residential Code, 2009 Edition, Section AG105.1.1 is hereby added to read as follows:

AG105.1.1
The appropriate City departments shall have available on the City's web site City approved swimming pool safety information available for consumers to down load. The City shall provide public service announcements on pool safety and pool safety information to pool contractors, realtors, and retailers that sell swimming pools and pool supplies. The City shall provide pool safety information at the time of final inspection of pools for which a building permit was issued.

18.10.340.103 Section AG105.2 Outdoor swimming pool, amended.
International Residential Code, 2009 Edition, Section A105.2, Outdoor swimming pool, is hereby amended to read as follows:

AG105.2 Outdoor swimming pool.
It is the responsibility of the property owner and any other person in responsible charge of a swimming pool to ensure that the required swimming pool barrier, including all gates, doors, locks, latches and other portions of the barrier are maintained safe and in good working order at all times. No person shall alter or remove any portion of a swimming pool barrier except to repair, reconstruct or replace the barrier in compliance with the provisions of this section. All barriers shall be installed, inspected, and approved prior to plastering and filling with water or as otherwise provided in this Code. An outdoor swimming pool, including an in-ground, aboveground or on-ground pool, hot tub or spa shall be provided with a barrier that shall comply with the following: (then continue with 2009 International Residential Code).

18.10.340.104 Section AG105.2 Outdoor swimming pool, item #6, amended.
International Residential Code, 2009 Edition, Section AG105.2, Outdoor swimming pool, item #6, is hereby amended to read as follows:

AG105.2 Outdoor swimming pool.
6. Maximum mesh size for chain link fences shall be a 1.5 inch (37 mm) square. The mesh shall not be less than 11 gage.

18.10.340.105 Section AG105.2 Outdoor swimming pool, item # 9.4 and #9.5 added.
International Residential Code, 2009 Edition, Section AG105.2, Outdoor swimming pool, items # 9.4 and 9.5 are hereby added to read as follows:

AG105.2 Outdoor swimming pool.
Alternatives to using the wall of the dwelling include the following items 9.4 and 9.5.

9.4 Pool Cover. The pool shall be equipped with a key operated powered safety cover in compliance with ASTM F1346. The keyed pool cover switch shall be located not less than 54

inches (1372 mm) above the floor or adjacent ground level and where the entire pool cover can be visually inspected; or

9.5 Isolation barriers. Isolation barriers consist of fencing completely surrounding the outdoor swimming pool or outdoor spa where the wall of the dwelling or any other structure does not serve as part of the isolation barrier. Isolation barriers must meet all of the requirements of Section AG105.2 subparagraphs 1 through 8 and 11 but shall not be allowed to utilize the barrier methods described in subparagraphs 9.1 and 9.2. Where isolation barriers are used, no additional fencing shall be required and the provisions of AG105.2.9.1 through 9.5 shall not be required.

18.10.340.106 Section AG105.2 Outdoor swimming pool, item # 11, added.
International Residential Code, 2009 Edition, Section AG105.2 Outdoor swimming pool, item # 11 is hereby added to read as follows:

AG105.2 Outdoor swimming pool.
11. Natural Barriers. Where there are natural barriers between properties, such as lakes and solid rock vertical cliffs not less than 10 feet (3048 mm) in height and a slope of not less than 1 horizontal to 10 vertical, fence barriers shall not be required between properties where the natural barriers exist. To ensure proper natural barriers are maintained, barrier fences shall project a minimum of 24 inches (610 mm) into lakes to where there is at least 24 inches (610 mm) depth from the lake surface to the top of the submerged horizontal member or the lake bottom when there is no submerged horizontal member. There shall be no horizontal member less than 45 inches (1143 mm) above the lake surface. Where the solid rock cliff extends above the property, the intersection barriers with the solid rock cliff shall not allow passage of a 4-inch diameter (102 mm) sphere.

18.10.340.107 Section AG105.6, added.
International Residential Code, 2009 Edition, Section AG105.6 is hereby added to read as follows:

AG105.6 Barriers required. Existing swimming pools, spas and hot tubs for which a building permit was issued prior to September 1, 2008, shall comply with Appendix G 2003, or the International Residential Code in effect at the most recent time a building permit was issued to build, install, alter, change or replace the swimming pool, except that Section AG105, Barrier Requirements shall be met whenever:

6.1 There is a sale of a residence that has a swimming pool at the time of the sale.
6.2 There is a change of use or character to the primary building occupancy on the property.
6.3 A new swimming pool, spa and/or hot tub is installed for which a building permit is required, or changes, alterations, or replacements are made to an existing swimming pool, spa or hot tub for which a building permit is required.

18.10.340.108 Section AG106.1 General, amended.
International Residential Code, 2009 Edition, Section AG106.1, General, is hereby amended to read as follows:

AG106.1 General. Suction outlets shall be designed to produce circulation throughout the pool or spa. Single-outlet systems, such as automatic vacuum cleaner systems, or multiple suction outlets, whether isolate by valves or otherwise shall be protected against user entrapment; and

AG106.2 Suction fittings. Pool and spa suction outlets shall have a cover that conforms to ANSI/ASME A112.19.8M, or an 18 inch x 23 inch (457 mm by 584 mm) drain grate or larger, or an approved channel drain systems.

Exception: Surface skimmers; and
Either AG106.3 or AG106.4 shall apply:

AG106.3 Single-outlet Systems: Atmospheric vacuum relief system required. Pool and spa single- or multiple-outlet circulation systems shall be equipped with atmospheric vacuum relief should grate covers located therein become non-functional. This vacuum relief system shall include at least one approved or engineered method of the type specified herein, as follows:

1. Safety vacuum release system conforming to ASME A112.19.17 or

2. An approved gravity drainage system; or

AG106.4 Multiple Suction Outlets: Dual drain separation. Single or multiple pump circulation systems have a minimum of two suction outlets of the approved type. A minimum horizontal or vertical distance of 3 feet (914 mm) shall separate the outlets. These suction outlets shall be piped so that water is drawn through them simultaneously through a vacuum-relief protected line to the pump or pumps; and

AG106.5 Pool cleaner fittings. Where provided, vacuum or pressure cleaner fitting(s) shall be located in an accessible position(s) at least 6 inches (152 mm) and not more than 12 inches (305 mm) below the minimum operational water level or as an attachment to the skimmer(s).

18.10.340.109 Section AG107, Abbreviations, ASME added.
International Residential Code, 2009 Edition, Section AG107 is hereby amended to add the abbreviation for ASME, to read as follows:

AG107 Abbreviations.
ASME--American Society of Mechanical Engineers, Three Park Avenue, New York, NY 10015-5990

18.10.350 Appendix H, Patio Covers, adopted.
International Residential Code, 2009 Edition, Appendix H, Patio Covers, is hereby adopted in its entirety.

18.10.360 Appendix K, Sound Transmission, adopted.
International Residential Code, 2009 Edition, Appendix K, Sound Transmission, is hereby adopted in its entirety.

18.10.370 International Building Code Section 2109.3 Adobe Construction, adopted.
International Building Code, 2009 Edition, Section 2109.3, Adobe Construction, is hereby adopted in its entirety and made a part of this Residential Code.

18.10.380 Appendices.
International Residential Code, 2009 Edition, Appendices unless specifically adopted or referenced are retained as administrative guidance aids.

18.10.390 Conflicting ordinances.
All ordinances and parts of ordinances in conflict with the provisions of this chapter are hereby repealed as follows: Ordinance No. 014729 dated 12/12/2000 and Ordinance No. 15967 dated 12-14-2004.

C. All references to the NEC, National Electrical Code, shall be construed to mean the Electrical Code of the City of El Paso.

D. The effective date of this ordinance shall be September 1, 2010. This ordinance shall be applicable to all permit applications received on or after that date.

E. Except as herein provided, Title 18 (Building and Construction) shall remain in full force and effect.

PASSED AND APPROVED this _____ day of _____, 2010.

THE CITY OF EL PASO

_____
John F. Cook
Mayor

ATTEST:

_____
Richarda Duffy Momsen
City Clerk

APPROVED AS TO FORM:

_____
Cynthia Osborn
Assistant City Attorney

APPROVED AS TO CONTENT:

_____
Patricia D. Adauto
Deputy City Manager
Development & Infrastructure Services