



## Fire Marshal's Office

City of Pearland

2703 Veteran's Drive  
Pearland, Texas 77584

Phone: 281.997.4650 | Fax: 281.997.4660

[pearlandtx.gov](http://pearlandtx.gov)

# New Construction Plan Review Checklist

- \_\_\_\_\_ Building permit application number
- \_\_\_\_\_ Job address with suite number (if applicable) and verified by the City
- \_\_\_\_\_ Contractor information with phone number
- \_\_\_\_\_ Type of construction
- \_\_\_\_\_ Occupancy type
- \_\_\_\_\_ Square footage
- \_\_\_\_\_ Number of stories, height of the building
- \_\_\_\_\_ Occupant load
- \_\_\_\_\_ Water supply will need to meet the required fire flow (IFC appendix B, C) including number of hydrants and spacing
- \_\_\_\_\_ Hydrants need to be installed at least 40 feet from the building
- \_\_\_\_\_ Hydrants will need a 5 inch Storz connection on the steamer
- \_\_\_\_\_ Non-- sprinkled will need a hydrant 400 feet from all portions of the building
- \_\_\_\_\_ Sprinkled will need a hydrant 600 feet from all portions of the building
- \_\_\_\_\_ If sprinkled there will need to be a hydrant at least 100 feet from the FDC
- \_\_\_\_\_ Fire protection systems' plans are submitted separately by licensed contractors
- \_\_\_\_\_ Commercial Cooking Suppression and Type 1 hood required in all cooking operations capable of producing grease laden vapors
- \_\_\_\_\_ Fire Apparatus access roads shall extend to within 150 feet of all portions of building unless sprinkled, then extra 100 feet will be allowed from each side with Fire Marshal approval
- \_\_\_\_\_ Dead end fire apparatus access roads greater than 150 feet long will need an approved turnaround
- \_\_\_\_\_ Fire apparatus vertical clearance requirements is 13 feet 6 inches
- \_\_\_\_\_ Fire apparatus access roads shall be at least 24 feet wide, 25 feet inside radius, and 50 feet outside radius
- \_\_\_\_\_ Fire lane marking shall comply with City Ordinance **(NOT FIRE CODE)**

- \_\_\_\_\_ One or two family residential developments with more than 30 dwelling units will require two separate and approved fire apparatus access roads
- \_\_\_\_\_ Panic hardware required on occupant loads greater than 50
- \_\_\_\_\_ Show type, size, and location of portable fire extinguishers on building plans. (Minimum 3A40BC)
- \_\_\_\_\_ Knox box is required on all buildings that have fire alarm systems
- \_\_\_\_\_ Automatic gates in fire apparatus access roads and gated communities require a Knox key override
- \_\_\_\_\_ All buildings shall have approved address numbers visible from the roadway, contrast with their background, and at least 4 inches high with ½ inch stroke
- \_\_\_\_\_ Front and back doors on strip centers will also need to have suite or address numbers posted 2 inches in height
- \_\_\_\_\_ Approved plans and permits are required to be on site at all times during construction
- \_\_\_\_\_ Elevator car door and firefighter service keys will be required to be kept in the elevator Knox box or elevator equipment room for immediate use by the FD
- \_\_\_\_\_ HVAC greater than 2,000cfm will need duct detectors on supply side. HVAC greater than 15,000cfm will need duct detectors on supply and return sides
- \_\_\_\_\_ Duct detectors tied to the building fire alarm shall activate a general fire alarm
- \_\_\_\_\_ Duct detectors not tied to a building fire alarm shall have an approved local audio and visual device. All duct detectors below the roof deck shall have remote indicators capable being reset