 

**Fire Inspector’s Office**

106 W. Retama St, South Padre Island, Texas 78597. **Phone:** 956-761-3832. **Email:** [rogarcia@myspi.org](mailto:rogarcia@myspi.org)

**New Construction Plan Review Checklist**

**\_\_\_\_ 1. Building permit application number**

**\_\_\_\_ 2. Job address with suite number (if applicable) and verified by the City**

**\_\_\_\_ 3. Contractor information with phone number and email**

**\_\_\_\_ 4. Type of construction**

**\_\_\_\_ 5. Occupancy type**

**\_\_\_\_ 6. Square footage**

**\_\_\_\_ 7. Number of stories, height of the building**

**\_\_\_\_ 8. Occupant load**

**\_\_\_\_ 9. Water supply will need to meet the required fire flow ( IFC appendix B,**

**C) including number of hydrants and spacing**

**\_\_\_\_10. Hydrants need to be installed at least 40 feet from the building**

**\_\_\_\_11. Hydrants will need a 5 inch Storz connection on the steamer**

**\_\_\_\_12. Non- sprinklered will need a hydrant 400 feet from all portions of the**

**Building**

**\_\_\_\_13. Sprinklered will need a hydrant 600 feet from all portions of the**

**Building**

**\_\_\_\_14. If sprinklered there will need to be a hydrant at least 100 feet from the**

**FDC**

**\_\_\_\_15. Fire protection system’s plans are submitted separately by licensed**

**Contractors**

**\_\_\_\_16. Commercial Cooking Suppression and Type 1 hood required in all**

**Cooking operations capable of producing grease laden vapors.**

**\_\_\_\_17. Fire Apparatus access roads shall extend to within 150 feet of all**

**Portions of building unless sprinklered, then extra 100 feet will be**

**Allowed from each side with the Fire Marshal approval**

**\_\_\_\_18. Dead end fire apparatus access roads greater than 150 feet long will**

**Need an approved turnaround**

**\_\_\_\_19. Fire apparatus vertical clearance requirements is 13 feet 6 inches**

**\_\_\_\_20. Fire apparatus access roads shall be at least 24 feet wide, 25 feet inside**

**Radius, and 50 feet outside radius**

**\_\_\_\_21. Fire lane marking shall comply with City ordinance (NOT FIRE CODE)**

**\_\_\_\_22. One or two family residential developments with more than 30**

**Dwelling units will require two separate and approved fire apparatus**

**Access roads**

**\_\_\_\_23. Panic hardware required on occupant loads greater than 50**

**\_\_\_\_24. Show type, size and location of portable fire extinguishers on building**

**Plans. (Minimum 3A40BC)**

**\_\_\_\_25. Knox box is required on all buildings that have fire alarm systems**

**\_\_\_\_26. Automatic gates in fire apparatus access roads and gated communities**

**Require a Knox key override**

**\_\_\_\_27. All buildings shall have approved address numbers visible from the**

**Roadway, contrast with their background, and at least 4 inches high**

**With ½ in stroke**

**\_\_\_\_28. Front and back doors on strip centers will also need to have suite or**

**Address numbers posted 2 inches in height**

**\_\_\_\_29. Approved plans and permits are required to be on site at all times**

**During construction**

**\_\_\_\_30. 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**

**\_\_\_\_31. HVAC greater than 2000 cfm will need duct detectors on supply side.**

**HVAC greater than 15,000 cfm will need duct detectors on supply and**

**Return sides**

**\_\_\_\_32. Duct detectors tied to the building fire alarm shall activate a general**

**Fire alarm**

**\_\_\_\_33. 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 of being reset**