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CHIEF OF DEPARTMENT

SMITHFIELD FIRE DEPARTMENT

"To Help People"

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PLAN REVIEW NOTICE

A plan review of the proposed project shall be done to determine compliance with the Rhode Island Fire Laws and Rules Annotated (most current edition), NFPA 1 – Fire Safety Code (2015 ed.), NFPA 101 – Life Safety Code (2015 ed.), all referenced codes and standards, and the Smithfield Fire Prevention and Protection Ordinance.

Provide a detailed description of the operations in the main areas of the proposed structure (including expected number of occupants). Please note that the following information and documentation are required for a plan review and must be submitted as soon as possible. The plan review cannot be started until all required information is received by the Smithfield Fire Prevention Office.

Note: Fit-outs or renovations may not require submission of all required documents.

Provide one (1) stamped set of construction drawings electronically via the Town of Smithfield E-Permitting portal located at <https://smithfieldri.viewpointcloud.com/>

Drawings shall include the following:

- Site Plans (see Site Plan Review Notice)
- Hydrant Flow Test Report (copy)
- Needed Fire Flow Report (copy)
- Architectural plans (showing all floors, details, sections, complete door schedule, complete room finish schedule, and portable fire extinguisher locations)
- Electrical drawings (showing emergency lighting system(s) and exit signs)
- HVAC drawings (including all duct fire dampers)
- Mechanical drawings
- Plumbing drawings
- Structural drawings (including all fire "proofing")
- Floor Layout plans
- Fire Protection systems:
 - Auto Sprinkler system drawings shall conform to NFPA 13 (2013 ed.). One (1) set of hydraulic calculations shall be submitted with all drawings.
- Fixed Suppression system drawings (See Fixed Suppression Requirements)
- Fire Alarm System drawings including riser diagram and point-to-point diagram. (See Fire Alarm Requirements)
- Catalog Cut Sheets (with the manufacturer's installation instructions) shall be submitted with drawings on all equipment required by the State Fire Safety Code.
- Plans shall be to scale. Typical not accepted. Legend shall be indicated.

"We will be the most effective and proactive emergency service and disaster mitigation organization to make Smithfield the safest community to live, work and play."

- The following is a minimum list of equipment that requires catalog cuts:

- ___ Panic Hardware
- ___ Fire Doors (including: door, door frame, hinges, latching devices, panic hardware, glass, hold-open devices, door closures)
- ___ Exit Signs
- ___ Emergency Lighting
- ___ Fire Alarm system (all devices and components)
- ___ Sprinkler System (all devices and components)
- ___ Fixed Suppression system (UL/FM listing designation, all devices and components)
- ___ Interior Finish flame spread rating
- ___ Portable Fire Extinguishers
- ___ Storage and Handling Equipment of Flammable and Combustible Liquids and Gases
- ___ All Fire Rated Stopping, Dampers, etc.
- ___ All Fire Rated Assembly Components (that have been specifically tested)

- Fire rated construction assemblies shall be designated on all appropriate drawings and shall be so verified with their listing design number(s).
- The Town of Smithfield Fire Department has a Plan Review Fee that is separate from the fees charged by the Building Official. A copy of the fee schedule will be provided upon request. The fee shall be paid to the Town of Smithfield and remitted to the Fire Prevention Office prior to the approved plans being released.
- The Town of Smithfield Fire Department requires the installation of a Two-Way Radio Communication Enhancement System per the Rhode Island State Fire Code – NFPA 1. This type of building radio enhancement system is typically called a Bi-Directional Amplifier (BDA). If it is determined that the cost of a Two-Way Radio Communication Enhancement System is fiscally impractical, an alternative fee will be instituted as part of the Fire Department Plan review. This fee is used to maintain and purchase apparatus radio repeater systems to ensure adequate radio coverage within the structure. (See Two Radio Communication Enhancement System Requirements).
- Once the plans (including the required catalog cut sheets) have been approved, any deviation from the approved plans will require approval from the Fire Prevention Office.
- Dependent on review type, the Fire Department review, or a portion thereof, may be subject to review under the SBC by the town Building Officials office. Any conflict with the RI State Fire Code - NFPA 1, RI State Life Safety Code – NFPA 101 or other referenced codes and standards shall be resolved in favor of the more, strict standard, and the appropriate designated authority having jurisdiction shall enforce that standard.
- Appeals Process: Should you have practical difficulties complying with the requirements of the State Fire Safety Code, you may apply for a variance to the Rhode Island Fire Safety Board of Appeal and Review. Contact the Smithfield Fire Prevention Office first for assistance in this process. Please allow at least four (4) weeks for this process. It should be noted that a Building Permit will not be issued until the disposition of the variance(s) has been resolved.