

# City of Leander

## Fire Sprinkler Application Checklist

All Plans (i.e., each sheet) are to be signed by the R.M.E. for the installing contractor with the R.M.E.'s licensing information and company name. The R.M.E. signature is to be updated for each revision submitted to the City.

### **Automatic Fire Sprinkler and Standpipe Systems**

- Show occupancy/hazard classification and design density information
- Show description of use for all portions of the building
- List the construction type of the building
- Indicate whether sprinkler system design is hydraulically designed, pipe schedule, or special design
- Show ceiling heights for all rooms and areas
- Indicate type of sprinkler system: wet pipe system, dry pipe system, etc.
- Provide hydraulic design calculations for new systems or for modifications to an existing system which affects the hydraulically most remote area of the system.
- Indicate electrical supervision or other approved method of supervision of valves controlling the water supply for automatic fire sprinkler systems.
- Show the use of special sprinklers, such as extended coverage or ESFR sprinklers, or special conditions, such as the use of a water curtain, as applicable. Show the method of protection as required for non-metallic piping, as applicable.
- Provide signed copy of water supply flow test report, including, but not limited to, flow location, static and residual pressures in PSI, flow in GPM, date of test, name of party who conducted test or supplied information.
- For storage and/or warehouse occupancies provide information regarding commodity, commodity classification, encapsulated (method of packaging), height of storage, storage arrangement (i.e., aisles, piles, on pallets, racks, arrays, etc.), in-rack sprinklers, as applicable and small hose stations.
- For new buildings or building additions four or more stories in height, note that standpipes shall be provided during construction in accordance with Section 1413 of the 2009 IFC.
- Location of Fire Department connections at building (Note: FDC shall be 5" Storz on 30° elbow).
- Standpipe and hose cabinet locations within the building.
- All hydraulic references nodes shown in calculations must be shown on plans.

### **Underground Fire Main and/or Fire Hydrants**

- If scope includes piping to 1'-0" A.F.F., include detail of spigot piece from 5'-0" out with rod sizing and dimensions.
- Include detail of backflow prevention device with size, make and model number.
- Include detail of fire hydrant(s) including the maximum and minimum dimensions.
- Include on plans the type, lengths and minimum bury depth for underground pipe.
- Include detail of F.D.C. including dimensions.
- Include thrust block locations and details.

### **Fire Pumps**

- Submit manufacturer's data sheets for fire pump and all associated equipment.
- Show piping layout including feed-in and supply-out.

## **Fees and Inspections For Fire Sprinklers**

Once the plans have been approved and all fees paid, please request your inspections on MyPermitNow (MPN). After inspections have been requested on MPN, please allow 5 business days for the inspections to be scheduled.

### **Fees**

- Fire Sprinkler Review < 6,000 sq. ft. - \$100.00
- Fire Sprinkler Review 6,001 – 12,000 sq. ft. - \$200.00
- Fire Sprinkler Review > 12,000 sq. ft. - \$300.00  
Plus \$0.01 per sq. ft. over 12,000 sq. ft.
  
- Fire Sprinkler Remodel - \$100.00
  
- Fire Line Visual/Hydrostatic - \$80.00
- Fire Sprinkler Visual/Hydrostatic < 20 Heads - \$100.00
- Fire Sprinkler Visual/Hydrostatic > 20 Heads - \$150.00