

## SECTION 15200 - FIRE PROTECTION SPECIFICATIONS

- A. The area indicated shall receive a full-automatic fire sprinkler system. The system shall be hydraulically calculated for ordinary hazard occupancy and as required by NFPA-13.
- B. NFPA Compliance: Comply with ANSI/NFPA Nos. 101, 13, 14, and 24.
- C. U.L. Labels: Provide fire sprinkler piping products which have been approved and labeled by Underwriters Laboratories.
- D. Local Fire Department/Marshall Regulations: Comply with governing regulations pertaining to fire sprinkler piping.
- E. Minimum Coverage: The drawings indicate minimum densities of coverage. If NFPA, or any other regulatory agencies, require a denser coverage, that coverage shall be used.
- F. Product Data: Submit manufacturer's data for fire protection systems, materials, and products.
- G. Shop Drawings: Submit scaled layout drawings for fire protection pipe and fittings including, but not necessarily limited to, pipe and tube sizes; location, elevations, and slopes of horizontal runs; wall and floor penetrations; and connections. Show interface and spatial relationship between piping and proximate equipment.
- H. The fire sprinkler contractor shall coordinate his work with all the other trades (HVAC, electrical, etc.) and shall make modifications required at no extra cost to the Owner.
- I. When installed in lay-in-type gridded ceilings the head shall be centered in the short direction, and  $\frac{1}{4}$ -,  $\frac{1}{2}$ -, or  $\frac{3}{4}$ -length of the lay-in grid "long" dimension.
- J. System Layout: The fire sprinkler areas, piping, etc. as indicated are only for contractor's reference as to areas to be protected and possible piping routes. Actual number, spacing, and location of heads and size and routes of piping shall be provided in accordance with the applicable specifications and acceptable shop drawings. All layouts, head spacing, coverage, etc. as may be required by the experienced authorities and/or architectural and structural conditions shall be made. Modifications to head spacing, pipe routes, etc. shall be closely coordinated with the work of all other trades.
- K. Installer: A firm with at least three (3) years of successful installation experience on projects with fire protection piping systems work similar to the required for project.

END OF SECTION 15200