

Fire Sprinklers

21.00.00

Description:

The purpose of the section is to highlight the current applicable UMD Design Standards for the selection and installation of building fire sprinkler systems.

Related Sections:

- 21 10 00 Fire-Suppression and Protection Systems

Effective Date:

January 1, 2023

Applicable Standards:

- TBD

General Requirements:

- Unless stated to the contrary in the program, the decision to not incorporate sprinklers into the mechanical design should be based on a total project cost approach.
- The cross-discipline comparative cost analysis, as a minimum, must address:
 - The presence/absence of a University installed standpipe system, which minimizes the cost of the sprinkler system.
 - The need to remove ceilings to install other work
 - The extent and cost of other fire code-mandated work, the need for which would be eliminated were a sprinkler system to be incorporated.
 - Programmatic needs which conflict with alternative (not sprinkler) solutions to code issues added fire rated walls, doors, additional stairwells, areas of refuge, smoke exhaust systems, restrictions on use, etc.