

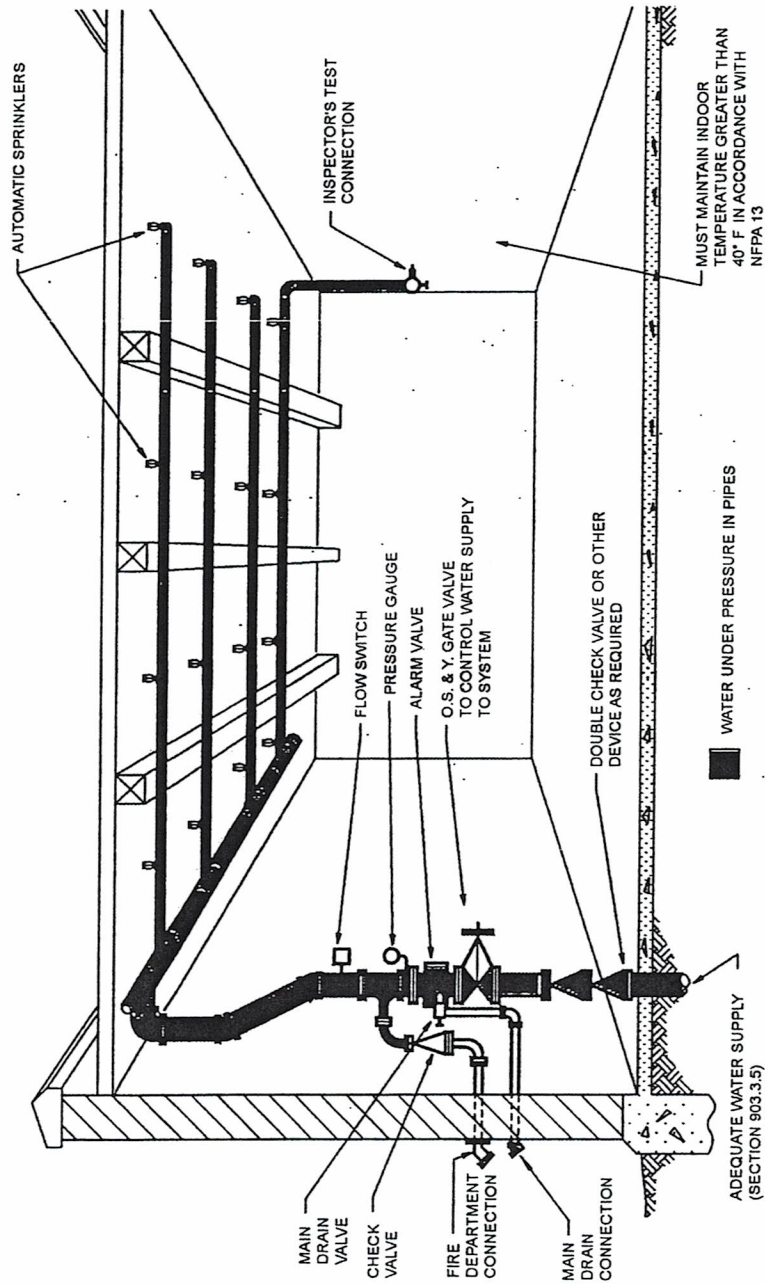
FIRE PROTECTION SYSTEMS

Figure 903.3.1
NFPA 13, NFPA 13R, NFPA 13D SYSTEMS

	NFPA 13	NFPA 13R	NFPA 13D
Extent of protection	Equip throughout (Section 903.3.1.1)	Occupied spaces (Section 903.3.1.2)	Occupied spaces (Section 903.3.1.3)
Scope	All occupancies	Low-rise residential	One- and two-family dwellings
Sprinkler design	Density/area concept	4-head design	2-head design
Sprinklers	All types	Residential only	Residential only
Duration	30 minutes (minimum)	30 minutes	10 minutes
Advantages	Property and life protection	Life safety/tenability	Life safety/tenability

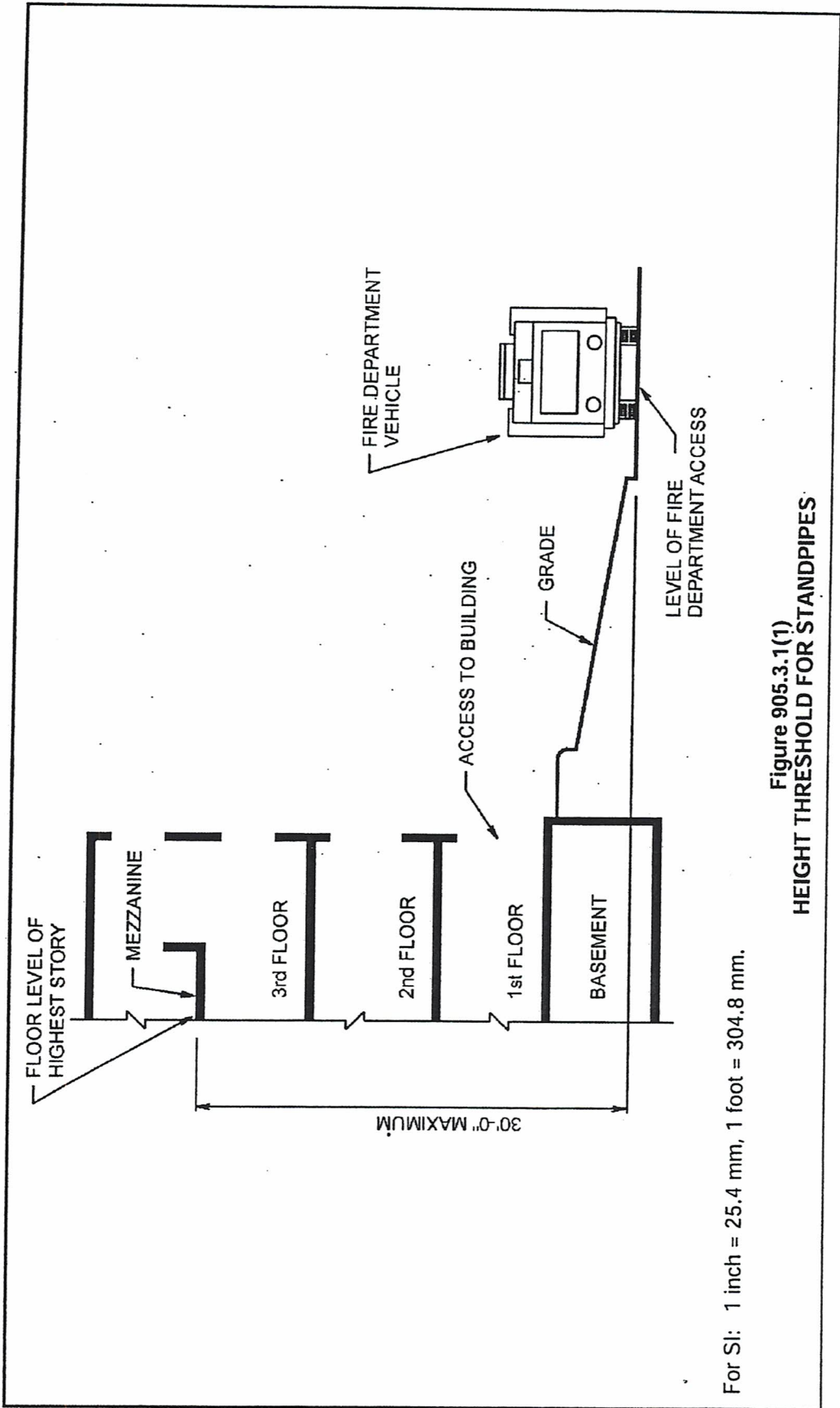
903.3.1.1 NFPA 13 sprinkler systems. Where the provisions of this code require that a building or portion thereof be

cally required and also where they may or may not be located. Once it is determined that the sprinkler sys-



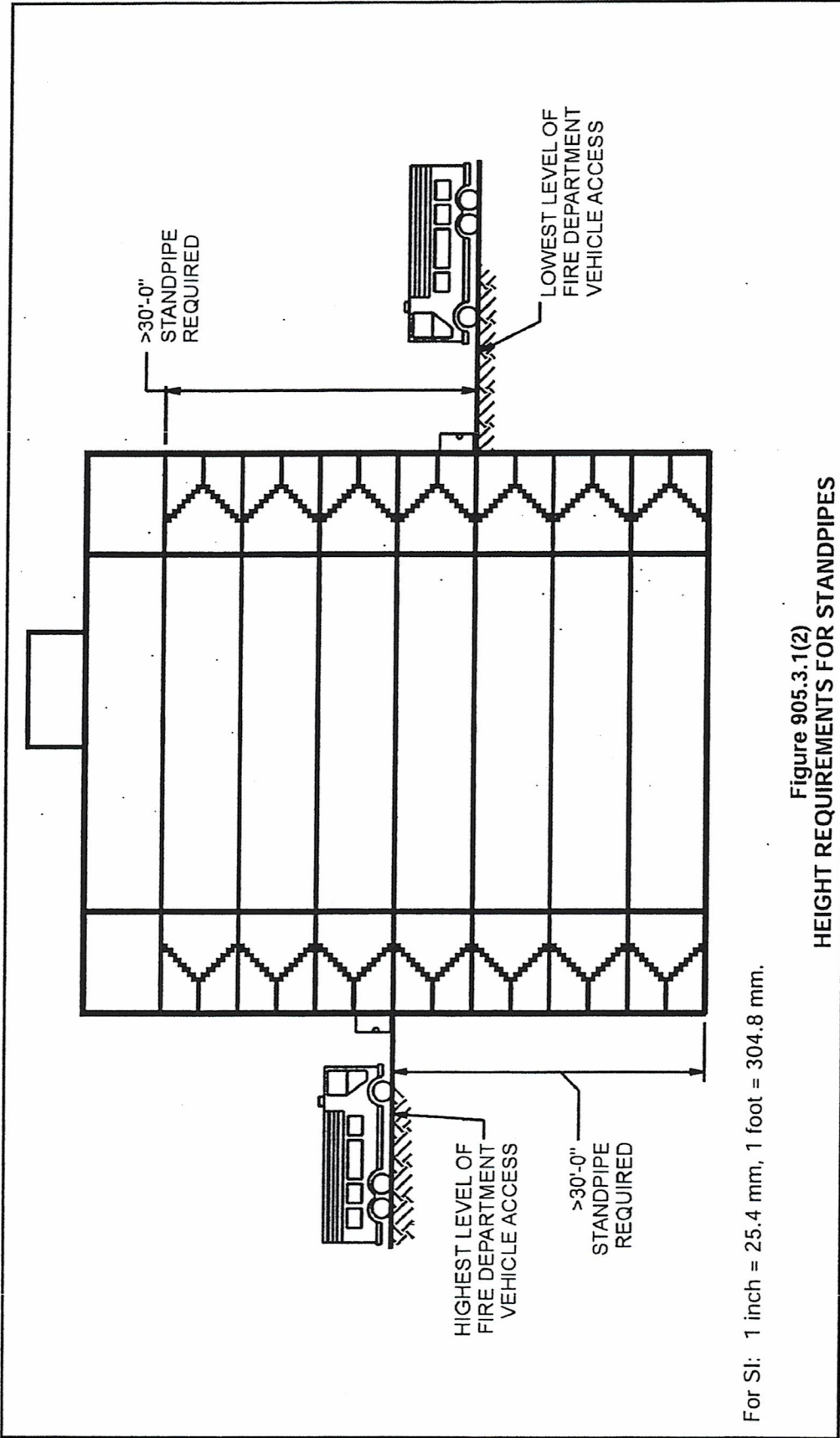
For SI: °C = [(°F) - 32]/1.8

Figure 903.3.1.1
TYPICAL WET PIPE SYSTEM



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

Figure 905.3.1(1)
HEIGHT THRESHOLD FOR STANDPIPES



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

Figure 905.3.1(2)
HEIGHT REQUIREMENTS FOR STANDPIPES