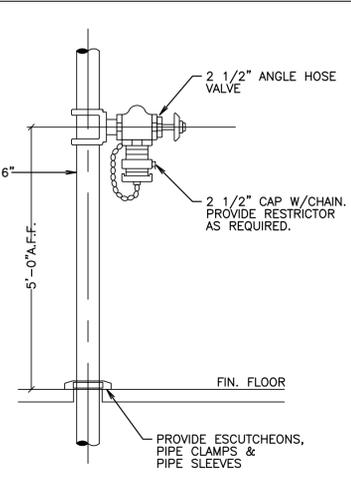
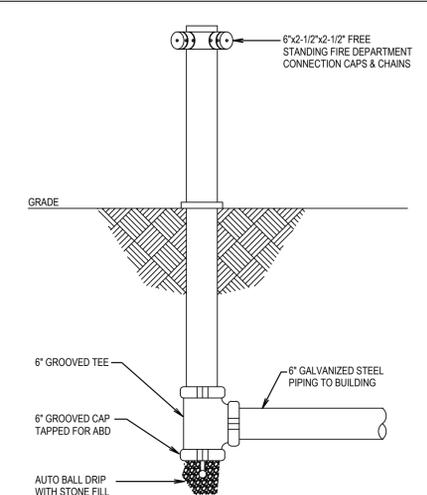


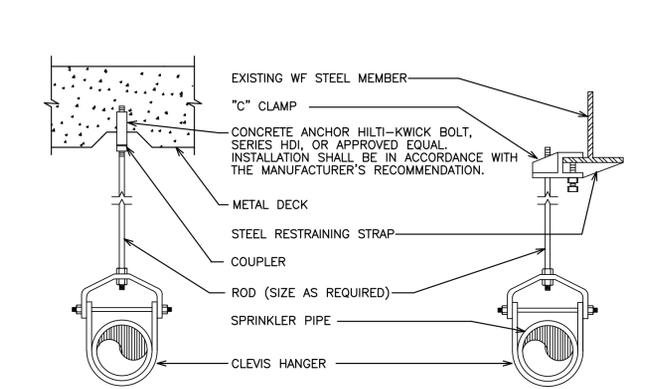
COMBINED WET AUTOMATIC SPRINKLER AND STANDPIPE RISER FLOOR CONTROL VALVE ASSEMBLY
NOT TO SCALE



FIRE HOSE VALVE ASSEMBLY
NOT TO SCALE



FREE STANDING FIRE DEPT. CONNECTION
NOT TO SCALE

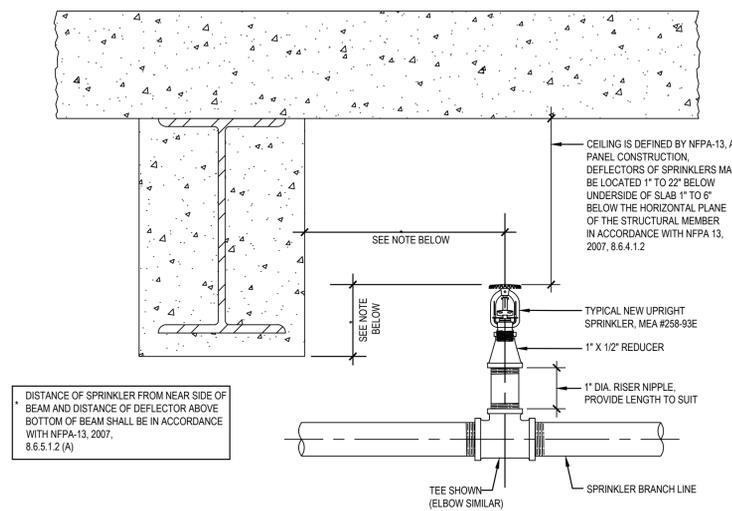


NOTES:

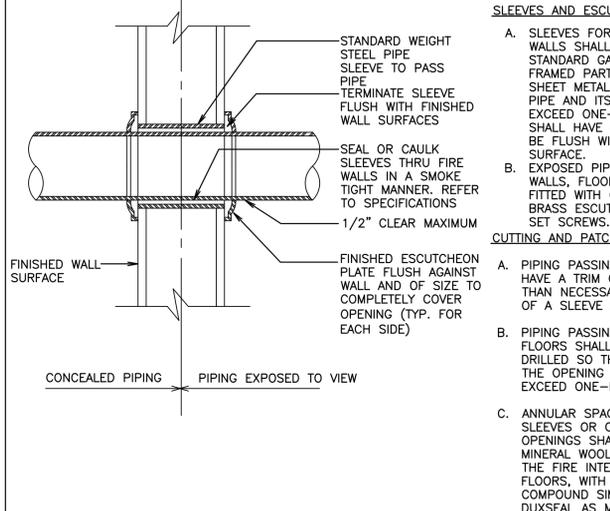
1. CLEVIS HANGERS REQUIRED ON PIPING LARGER THAN 1"
2. GENERAL PURPOSE HANGERS MAY BE USED ON 1" SPRINKLER PIPING ONLY.
3. ANY DAMAGED OR MISSING FIREPROOFING TO BE REPAIRED / REPLACED.
4. HANGER, ROD, SLEEVE, & INSERT SHALL BE DIPPED IN ZINC CHROMATE PRIMER PRIOR TO INSTALLATION.

ROD SCHEDULE	
PIPE SIZE	ROD SIZE
1/2" TO 4"	3/8"
5" TO 8"	1/2"
10" TO 12"	5/8"

TYPICAL HANGER DETAILS
NOT TO SCALE



TYPICAL UPRIGHT SPRINKLER - NO SUSPENDED CEILING
NOT TO SCALE



TYPICAL DETAIL OF PIPE INSTALLATION THRU RATED WALL
NOT TO SCALE

SLEEVES AND ESCUTCHEONS

A. SLEEVES FOR PIPING THROUGH MASONRY WALLS SHALL BE SCHEDULE 40, STANDARD GALVANIZED STEEL PIPE; IN FRAMED PARTITIONS SHALL BE 20 GAUGE SHEET METAL. THE SPACE BETWEEN THE PIPE AND ITS SLEEVE SHALL NOT EXCEED ONE-HALF INCH. THE SLEEVE SHALL HAVE A SUFFICIENT LENGTH TO BE FLUSH WITH THE FINISHED WALL SURFACE.

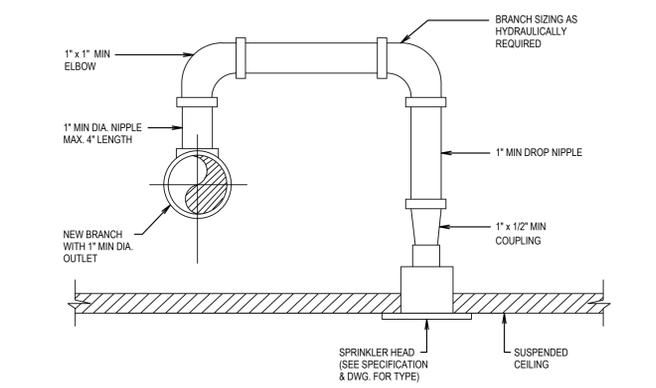
B. EXPOSED PIPING PASSING THROUGH WALLS, FLOORS OR CEILING SHALL BE FITTED WITH CHROMIUM-PLATED CAST BRASS ESCUTCHEONS WITH FASTENING SET SCREWS.

CUTTING AND PATCHING

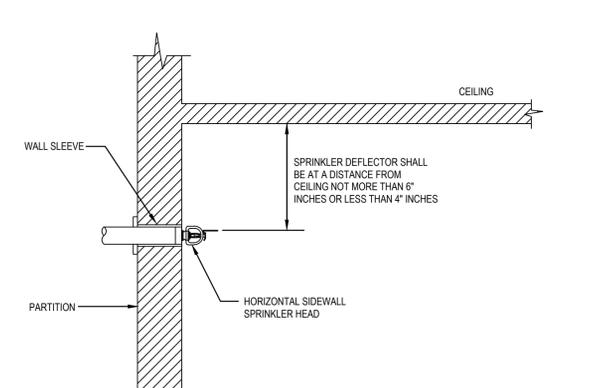
A. PIPING PASSING THROUGH WALLS SHALL HAVE A TRIM OPENING CUT NO GREATER THAN NECESSARY FOR THE INSTALLATION OF A SLEEVE SECURED THEREIN.

B. PIPING PASSING THROUGH CONCRETE FLOORS SHALL HAVE AN OPENING CORE DRILLED SO THAT THE SPACE BETWEEN THE OPENING AND THE PIPE SHALL NOT EXCEED ONE-HALF INCH.

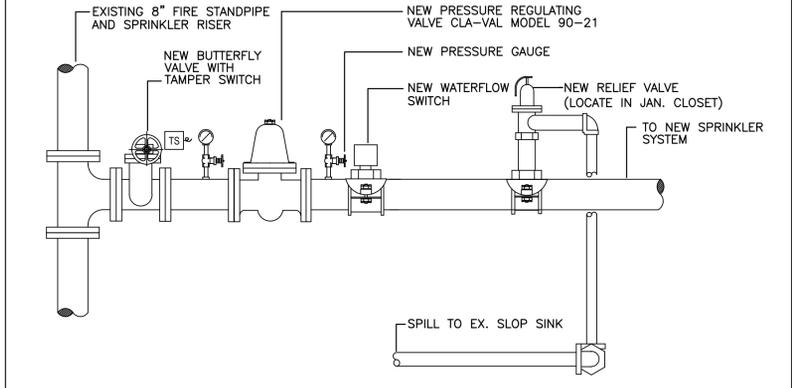
C. ANNULAR SPACES BETWEEN PIPING AND SLEEVES OR CORE DRILLED FLOOR OPENINGS SHALL BE PACKED WITH MINERAL WOOL AND SEALED, TO RETAIN THE FIRE INTEGRITY OF THE WALLS AND FLOORS, WITH A NON-HARDENING COMPOUND SIMILAR OR EQUAL TO DUXSEAL AS MANUFACTURED BY THE J.M. CLIPPER CORP.



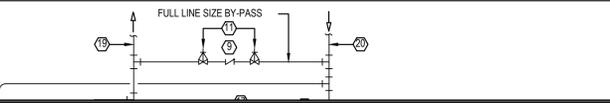
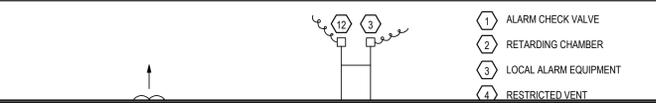
SPRINKLER HEAD CONNECTION FOR SUSPENDED CEILING
NOT TO SCALE



HORIZONTAL TYPE SIDE WALL SPRINKLER HEAD DETAIL
NOT TO SCALE



NEW FLOOR CONTROL VALVE ASSEMBLY WITH P.R.V.
NOT TO SCALE



TO THE BEST KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

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KEY PLAN

REV	DESCRIPTION	DATE
	ISSUED FOR DOB SUBMISSION	09/10/2021
	ISSUED FOR BID	10/15/2021
	ISSUED FOR PROGRESS	01/18/2022

DRAWN BY: M.ESPINAL
CHECKED BY: J.CLARK
APPROVED BY: J.MIZRAHI
DATE: 04/16/21
SCALE: NOT TO SCALE

DRAWING TITLE:
FIRE PROTECTION DETAILS

DWG NUMBER:
F-501