

ALL FITTINGS CONFORM TO SECTION 2-4 OF NFPA HANDBOOK 13.

VALVES ON CONNECTIONS TO WATER SUPPLIES, SPECIAL CONTROL VALVES AND OTHER VALVES IN SUPPLY PIPES TO SPRINKLERS SHALL BE SUPERVISED OPEN BY AN APPROVED METHOD.

IT IS THE OWNERS RESPONSIBILITY TO PROVIDE ADEQUATE FUEL TO KEEP THE SPRINKLER SYSTEM FROM FREEZING.

ALL ELECTRICAL WIRING OF ALARM BELLS, FLOW SWITCHES AND TAMPER SWITCHES (IF REQUIRED) TO BE DONE BY OTHERS.

THE SPRINKLER SYSTEM TO BE INSTALLED IN ACCORDANCE WITH NFPA 13.

HANGERS TO BE SPACED TO MEET NFPA REQUIREMENTS

ALL PIPING TO BE REPLACED DUE TO AGE WITH A NEW CPVC PIPING ALL PIPING SIZED SIMILAR TO EXISTING

PER NFPA 13, SECTION 8.6.3.2.4, WITHIN SMALL ROOMS AS DEFINED IN SECTION 3.3.20, SPRINKLERS SHALL BE PERMITTED TO BE LOCATED NOT MORE THAN 10 FEET FROM THE WALL AND SPRINKLER SPACING LIMITATIONS OF SECTION 8.6.3 AND AREA LIMITATIONS OF TABLE 8.6.2.2 (1a) SHALL NOT BE EXCEEDED. ADJUSTMENTS MAY MODIFY HANGERS ON THIS DRAWING TO COMPLY WITH THIS RULE.

CALCS NOT NEEDED DUE TO NO WORK IN REMOTE AREA

ℓ = CENTER LINE OF PIPE BELOW TOP OF STEEL

ℓ = CENTER LINE OF PIPE ABOVE FINISHED FLOOR

BUILDING CODE: 2018 IBC
OCCUPANCY TYPE: A
CONSTRUCTION TYPE: 2-B
OFFICES, BATHROOMS, FITNESS ROOM AND HALLWAYS
PER NFPA 13, 2016 EDITION:
LIGHT HAZARD
MAX. 225 S.F. SPRINKLER SPACING

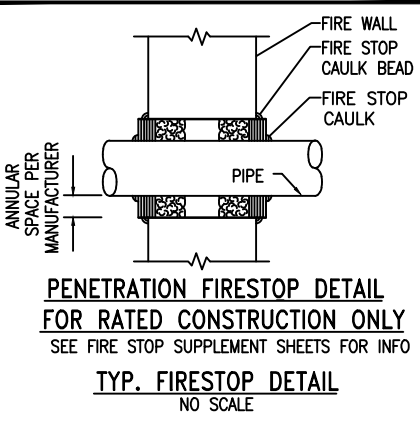
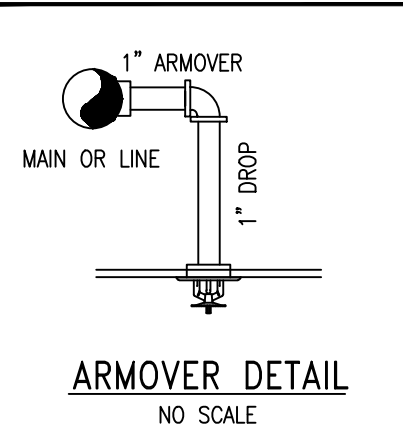
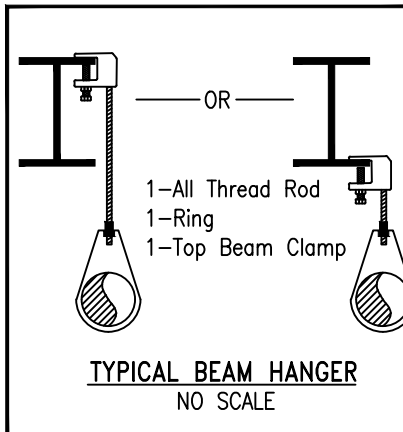
STORAGE
PER NFPA 13, 2016 EDITION:
ORDINARY HAZARD GROUP I
MAX. 130 S.F. SPRINKLER SPACING

STEEL BEAM AND STEEL BAR JOISTS

1. ALL GROOVED MAIN PIPING IS TO BE SCHED. 10 PIPE OR CPVC
2. ALL GROOVED BRANCHLINE PIPING TO BE CPVC PLASTIC
3. ALL THREADED PIPING TO BE SCH. 40 PIPE
4. ALL FITTINGS TO BE DUCTILE IRON



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	HANGER SPACING										
NOMINAL PIPE SIZE	¾"	1"	1½"	2"	2½"	3"	3½"	4"	5"	6"	8"
STEEL PIPE EXCEPT THREADED LIGHTWALL	N/A	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0
THREADED LIGHTWALL STEEL PIPE	N/A	12-0	12-0	12-0	12-0	12-0	N/A	N/A	N/A	N/A	N/A
COPPER TUBE	8-0	8-0	10-0	10-0	12-0	12-0	12-0	15-0	15-0	15-0	15-0
CPVC	5-6	6-6	6-6	7-0	8-0	9-0	10-0	N/A	N/A	N/A	N/A

General Notes

1. All Pipe Locations are to be Field Measured Prior to Fabrication and Installation by Sprinkler Contractor.
2. All Pipe Dimensions Shown are **Center to Center**.
3. High Temperature Heads are to be Field Located Where Required.
4. All Pipes and Hangers are to be Installed per NFPA #13.
5. Hangers are to be U.L. Listed and F.M. Approved.

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