

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

VALVES ON CONNECTIONS TO WATER SUPPLIES, 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 HEAT 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 IS 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 NCPV 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 8.6.2.1(a) SHALL NOT BE EXCEEDED. ABOVE MAY MODIFY HALLS SHOWING ON THIS DRAWING TO COMPLY WITH THESE RULES.

CALCS NOT NEEDED DUE TO NO WORK IN REMOTE AREA.

EL = CENTER LINE OF PIPE BELOW TOP OF STEEL.

CL = CENTER LINE OF PIPE ABOVE FINISHED FLOOR

BUILDING CODE: 2018 IBC
OCCUPANCY TYPE: M
CONSTRUCTION TYPE: 2-B

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

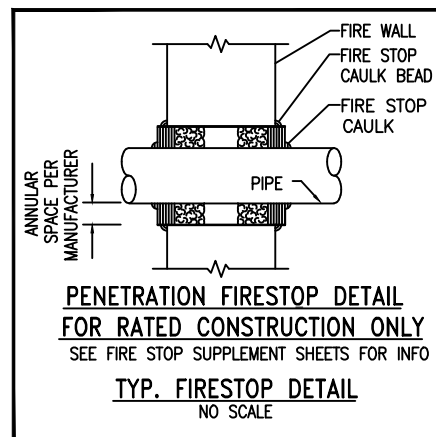
STEEL BEAM AND STEEL BAR JOISTS

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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FIRE SPRINKLER PLAN
SCALE: 1/4" = 1'-0"



HANGER SPACING TABLE												
NOMINAL PIPE SIZE	¾"	1"	1¼"	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"	15-0"
THREADED LIGHTWALL STEEL PIPE	N/A	12-0"	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"	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	N/A

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