GENERAL NOTES:

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

VALVES ON CONNECTIONS TO WATER SUPPLIES, SECTIONAL 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 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 9 FT. FROM ANY SINGLE WALL, AND SPRINKLER SPACING LIMITATIONS OF SECTION 8.6.3 AND AREA LIMITATIONS OF TABLE 8.6.2.2.1(a) SHALL NOT BE EXCEEDED. ABSOLUTE MAY MODIFY HEADS SHOWN ON THIS DRAWING TO COMPLY WITH THIS RULE.

CALCS NOT NEEDED DUE TO NO WORK IN REMOTE AREA

℄ = CENTER LINE OF PIPE BELOW TOP OF STEEL

EL = CENTER LINE OF PIPE ABOVE FINISHED FLOOR

DESIGN CRITERIA:

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

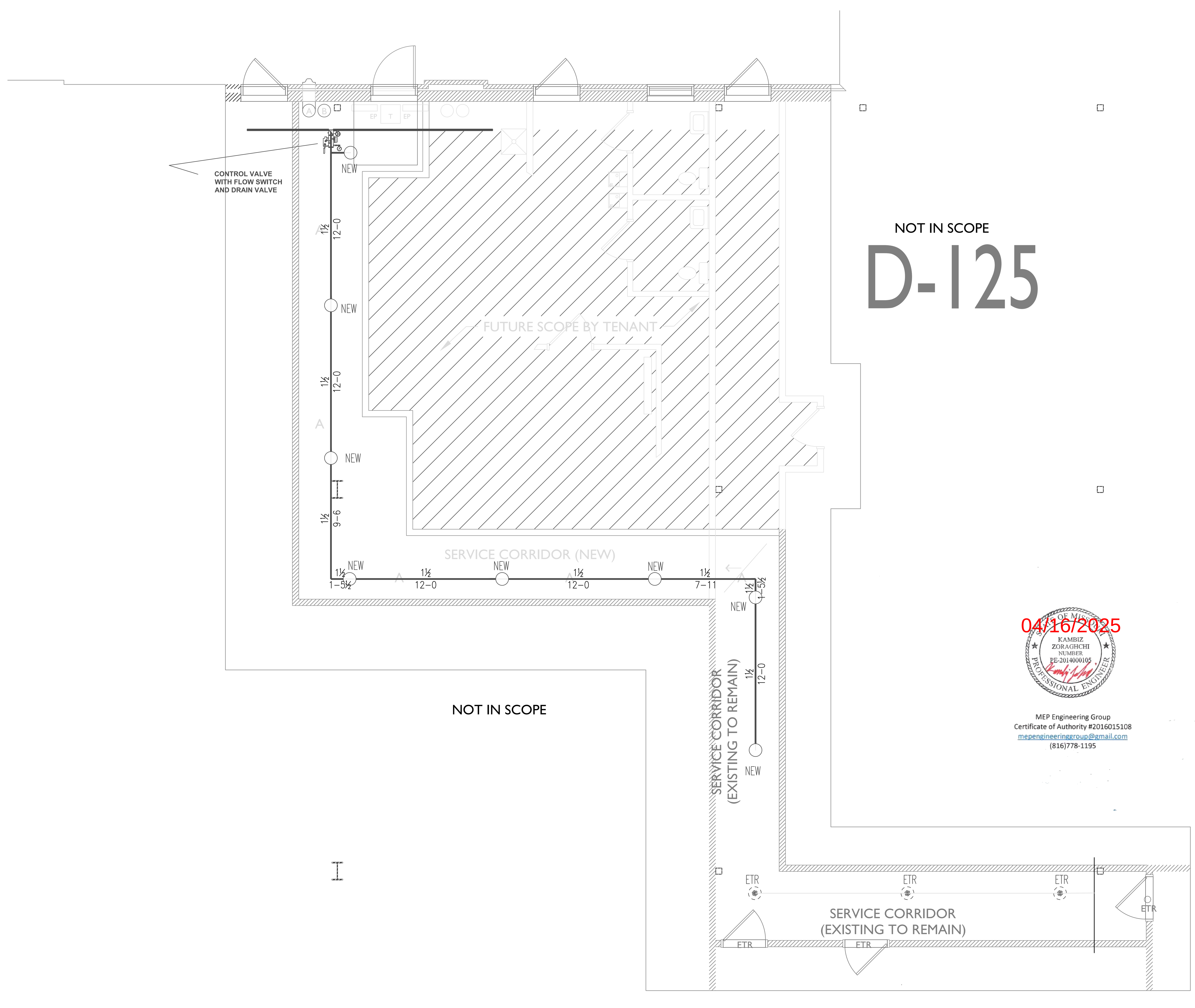
STORAGE AND HALLWAY
PER NFPA 13, 2016 EDITION:
ORDINARY HAZARD GROUP I
MAX. 130 S.F. SPRINKLER SPACING

CONSTRUCTION:

STEEL BEAM AND STEEL BAR JOISTS

PLAN NOTES:

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

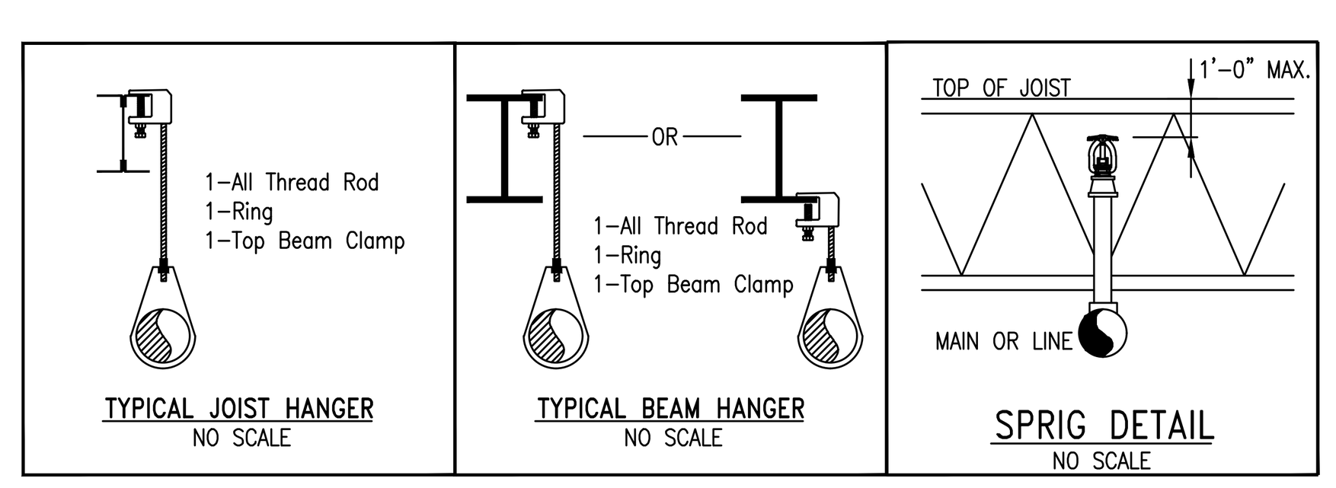


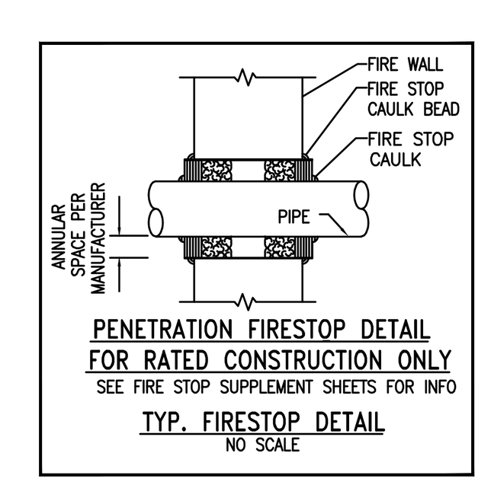
FIRE SPRINKLER PLAN
SCALE: 1/4" = 1'-0"
NORTH

04/16/2025

MEP Engineering Group
Certificate of Authority #2016015108
mepengineeringgroup@gmail.com
(816)778-1195

NOT IN SCOPE





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	6-0	6-6	7-0	8-0	9-0	10-0	N/A	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.

Job
SUMMIT FAIR CORRIDOR
860 NW BLUE PARKWAY BUILD D
LEE'S SUMMIT, MO. 64086

Absolute Fire Inc.
13906 CENTURY LANE
GRANDVIEW, MO 64030
(816) 737-9991

SHEET 1 OF 1