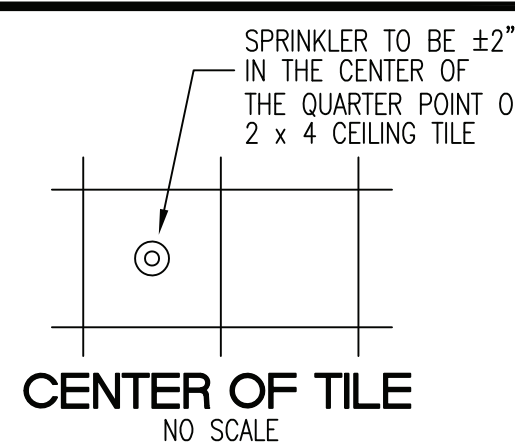
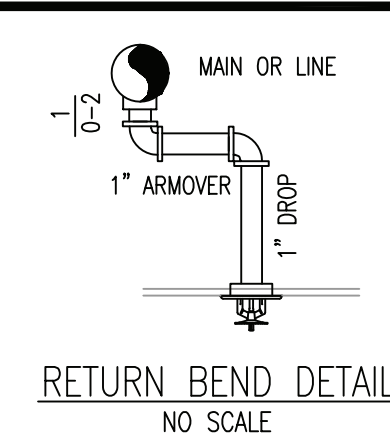
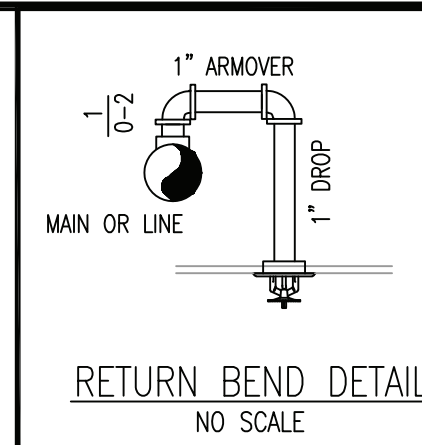
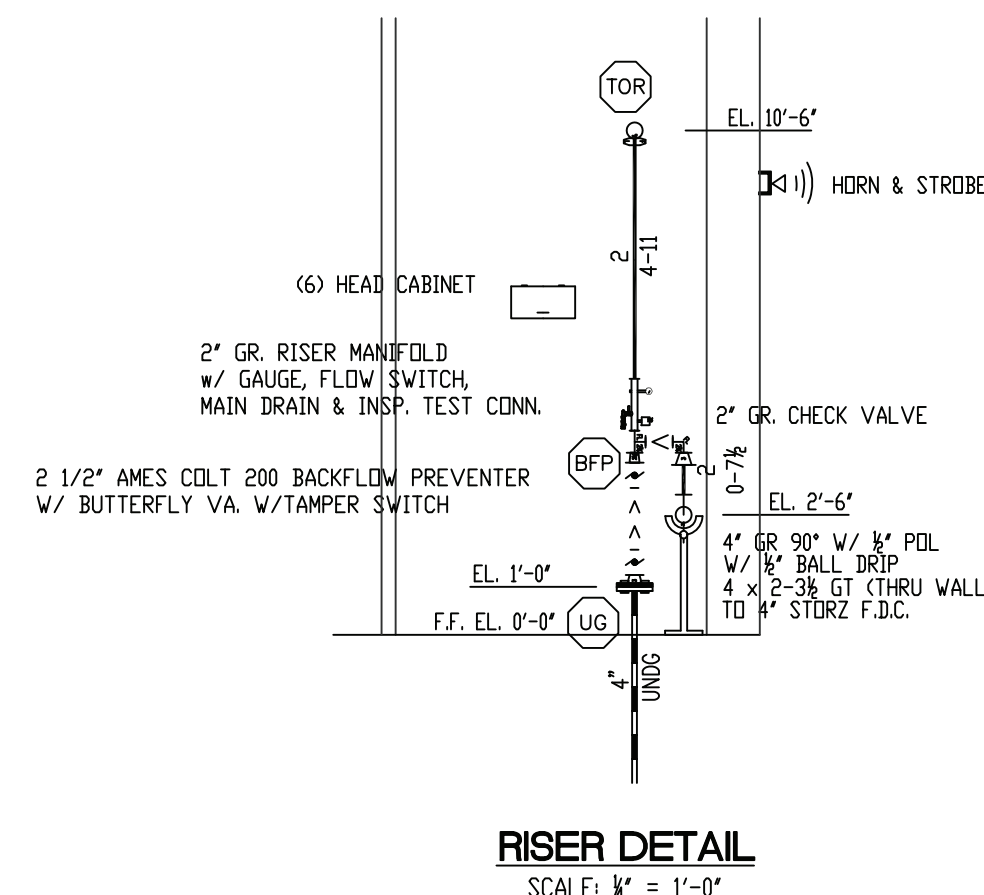
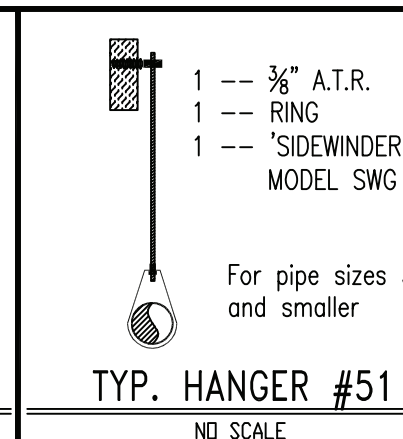
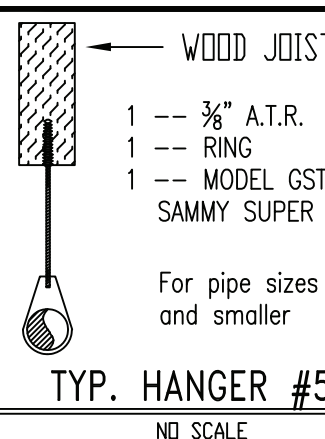


07/16/2025



NOMINAL PIPE SIZE	1"	1½"	2"	2½"	3"	4"	6"	8"
STEEL PIPE EXCEPT THREADED LIGHTWALL	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0
THREADED LIGHTWALL STEEL PIPE	12-0	12-0	12-0	12-0	12-0	N/A	N/A	N/A
CPVC	6-0	6-6	7-0	8-0	9-0	10-0	N/A	N/A



STORAGE/MECH. AREAS:
PER NFPA-13, 2016 EDITION, ORDINARY HAZARD GR. I
0.15 GPM/SQ. FT. FOR 900 SQ. FT.
OUTSIDE HOSE ALLOWANCE = 250 GPM.

PER NFPA-13, 2016 EDITION, LIGHT HAZARD
0.10 GPM/SQ. FT. FOR 1050 SQ. FT.
OUTSIDE HOSE ALLOWANCE = 100 GPM.

PER NFPA-13, 2016 EDITION, LIGHT HAZARD
0.10 GPM/SQ. FT. FOR 1000 SQ. FT.
OUTSIDE HOSE ALLOWANCE = 100 GPM.

ALL WELDED/GROOVED PIPING TO BE SCHED. 10
ALL THREADED PIPING TO BE SCHED 40

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)
BY THE SAME CONTRACTOR

THE SPRINKLER SYSTEM TO BE INSTALLED IN ACCORDANCE WITH NFPA 13

HANGERS TO BE SPACED TO MEET NFPA REQUIREMENTS

CL = CENTER LINE OF PIPE BELOW TOP OF STEEL
EL = CENTER LINE OF PIPE ABOVE FINISHED FLOOR

CONSTRUCTION:

OPEN WEB WOOD JOISTS

[illegible]

Drawing Title	COUNT	
	1/2"	5.6
	1/2"	5.6
	1/2"	5.6
	1/2"	5.6
Contract		
Drawn By		
Scale: 3/16"		
Date: 7-7-		
5 0		
TOTAL THIS SHEET	144	

[illegible]

SPRINKLER LEGEND	
Symbol	Description
FR	QR UPRIGHT (ON SPRIG)
MR	QR RECESSED PENDENT
PR	QR DRY PENDENT

Symbol	Description
●	RELIABLE "PTR 56"
◎	RELIABLE "PTR 56"
⊙	RELIABLE "PQR 56"

Tools	Description
Reference Points	
new Top of Steel	
ave Finished Floor	
Top of Steel	
Height	
Hanger Location	
or down	

Symbol	Symbl
	Hydraulic
[18 00]	Elev. Belc
[8-6]	Elev. Abou
(TOS 20-0)	Elev. of T
	Ceiling Hg
	Denotes I
	Rise up c

[illegible]

ies
Measured Prior to F
tractor.
Center to Center.
the Field Located Where
Installed per NFPA #
d F.M. Approved.

Plan No. _____

1. All Pipe Locations and Installations
2. All Pipe Dimensions
3. High Temperatures
4. All Pipes and
5. Hangers are

HOSPITAL
BLVD.
MO
tion, llc
et
07

GOAL FIRE PROTECTION
20920 147th Street
Basehor, KS. 66007
(913) 441-3390

Job: DISCOVER
 1901 N
 LEE


SHEET 1 OF 1

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* FLOW TEST DATA *
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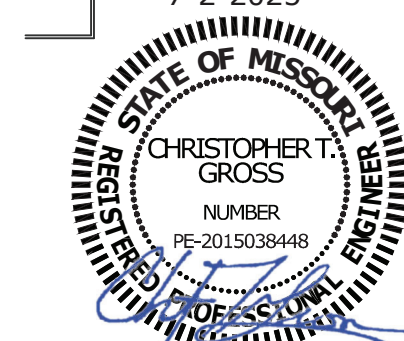
DATE: 6-3-2025
LOCATION: LOOPED CITY MAIN
ELEV.: SAME AS F.F.
SOURCE: GOAL FIRE PROTECTION

NOTES

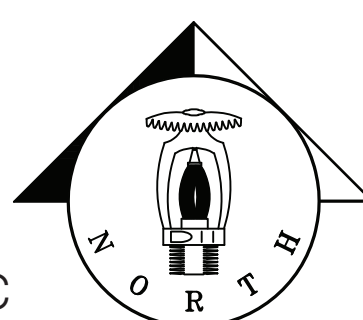
F.F. EL. 0'-0"
BOTTOM OF OPEN WEB WOOD TRUSS = 14'-0 1/2"
GYP. BOARD TO BE @ BOTTOM OF JOISTS
TOP OF BEAM = 13'-10" / BOTTOM OF BEAM = 12'-8"
ALL HANGERS TO BE SPACED PER NFPA - 13 (SEE CHART)
ALL HANGERS TO BE COJ
ALL SPRIGS TO BE 1 x COJ
PENDENT HEADS TO BE ON 40' ARCO FLEX DROPS
----- FULL HEIGHT WALL

* SYSTEM MAIN PIPING TO BE @ EL. 10'-6" U.N.D. *

7-2-2025

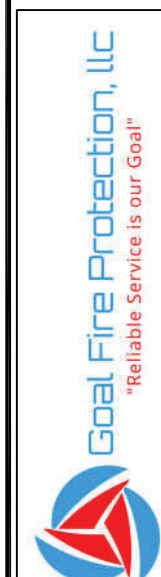


MISSOURI PE COA #2016025677
Engineering, LLC
1624 N Glen Ellyn
Independence, MO 64056
816-516-9540



Job: DISCOVERY ANIMAL HOSPITAL

1901 NE TRAILS EDGE BLVD.
LEE'S SUMMIT, MO



0920 147th Street
 asehor, KS. 66007
 (913) 441-3390

SHEET 1 OF 1