

GENERAL NOTES

- THE SYSTEM DESIGN CRITERIA COMPLIES WITH THE REQUIREMENTS OF NFPA 13 2016EDITION.
- 2. ALL PIPING SHALL CONFORM WITH THE REQUIREMENTS OF NFPA 13 2016 EDITION.
- ALL FITTINGS SHALL CONFORM WITH THE REQUIREMENTS OF NFPA 13 2016 EDITION.
- 4. ALL HANGERS SHALL CONFORM TO THE REQUIREMENTS OF NFPA 13 2016 EDITION.
- 5. FITTINGS FOR 1" THRU 2" SHALL BE CAST IRON THREADED. FITTINGS FOR 2 1/2" THRU 4" PIPING ARE TO BE GROOVED OR WELDED OUTLETS
- 6. LENGTHS OF PIPING 1" THRU 2" ARE SHOWN AS THREAD TO THREAD UNLESS NOTED AS: G- GROOVE OR C- CENTER 2 1/2" THRU 4" PIPE LENGTHS ARE SHOWN AS CENTER TO CENTER UNLESS NOTED AS: G - GROOVE, W - WELD, F -FACE OR FLANGE OR T - THREAD.
- ALL SECTIONS OF TRAPPED PIPING SHALL HAVE AUXILIARY DRAINS WHERE REQUIRED.
- THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE HEAT TO PREVENT THE PIPING FROM FREEZING.
- 9. ALL SWITCHBOARDS, PANEL BOARDS, DISTRIBUTION BOARDS AND MOTOR CONTROL CENTERS SHALL BE PROTECTED FROM DAMAGE BY OTHERS.

HANGER SPACING TABLE

HANGER SPACING FOR STEEL PIPE (SCH. 40)

HANGER SPACING PIPE SIZE

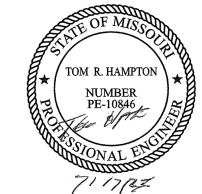
4" & LARGER

11/2" & LARGER

HANGER SPACING FOR STEEL PIPE (THINWALL)

PIPE SIZE HANGER SPACING

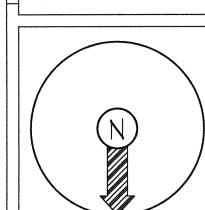
TOM R. HAMPTON NUMBER PE-10846



SPRINKLER PIPING PLAN

LS MANAGEMENT HANGAR 2751 NE DOUGLAS ROAD LEE'S SUMMIT, MO 64064

REVIEWING AUTHORITY LEES SUMMIT FIRE DEPT HEADS THIS SHEET 98 TOTAL HEADS FOR JOB 98 SCALE 1/8" = 1'-0" DRAWN BY



CONSTRUCTION: INSULATED METAL DECK ROOF ON STEEL PURLING AND BEAMS @ ELEY. AS NOTED ON PLAN SCREWED 2" AND SMALLER TO BE SCH. 40 PIPE. WELDED 2" AND LARGER TO BE SCH. 10 PIPE.

DESIGN CRITERIA: PER NFPA 409 GROUP II DEFUELED AIRCRAFT HANGAR 17/5000 SQFT. MAX 130 SQFT/HEAD SPACING + 500 GPM FOR HOSE ALLOWANCE.

FLOW TEST DATA: STATIC : 14 PSI RESIDUAL: 63 PSI W/ 1300 GPM 2/10/25 BY LEE'S SUMMIT WATER

| | | Symbols | S | | | | | | |
|------|----------|---------------------|----------------------------|--------|-------|------|-------|--------|------|
| | | Symbol | Description | Symbol | Count | NPT | Orif. | Make | Mo |
| | | \bigcirc | Hydraulic Reference Points | 0 | 96 | 3/4" | 3/4" | VIKING | (|
| | | ⊈ =0′−0″ | Elev. Below Top of Steel | | 2 | 1/2" | 1/2" | YIKING | MICE |
| | | EL=0'-0" | Elev. Above Finished Floor | 4 | 8 | 3/4" | 3/4" | VIKING | (|
| | | + (TOS 0'-0" | Elev. of Top of Steel | | | | | | |
| | | Ø'-Ø* | Ceiling Height | | | | | | |
| | | - | Denotes Hanger Location | | | | | | |
| | | 0 | Rise up or down | | | | | | |
| DATE | REVISION | ALL PIPE | | | | | | | |

| Symbol | Description | Sym | bol Co | unt | NPT | Orif. | Make | Model | Finish | Style | Temp. | K= | SIN | |
|------------------------------------|----------------------------|-----|--------|-----|------|-------|--------|-----------|--------|------------------------------------|--------|------|--------|---|
| \bigcirc | Hydraulic Reference Points | |) 9 | 36 | 3/4" | 3/4" | VIKING | QR | BRASS | QR UPRIGHT | 2867 | 8.0K | VK35@1 | THIS DRAWING SHALL BE USED AS A CONSTRUCTION GUIDE ONLY. |
| ⊈ =0′−0 ″ | Elev. Below Top of Steel | • | | 2 | 1/2" | 1/2" | YIKING | MICROFAST | CHROME | QR CHR PENDANT W/ CHR REC ESC | 200° | 5.6K | VK3Ø21 | |
| EL=0'-0" | Elev. Above Finished Floor | • | 1 | 8 | 3/4" | 3/4" | VIKING | QR | BRASS | QR BR HOR SIDEWALL (BELOW OH DOORS |) 200° | 8.ØK | VK360 | UNAUTHORIZED USE OF THESE DRAWINGS. |
| TOS 0'-0" | Elev. of Top of Steel | | | | | | | | | | | | | THE USE OF THIS DRAWING FOR STRUCTURAL OR ARCHITECTURAL PURPOSES IS NOT |
| Ø'-Ø* | Ceiling Height | | | | | | | | | | | | | AUTHORIZED. THIS PRINT IS THE EXCLUSIVE PROPERTY OF; |
| - | Denotes Hanger Location | | | | | | | | | | | | | |
| 0 | Rise up or down | | | | | | | | | · | | | | |
| ALL PIPE CUTS ARE CENTER TO CENTER | | | | T | | | | | | | | | | ADVANTAGE FIRE PROTECTION SYSTEMS, INC |

Sprinkler Head Summary

NOTICE OF NONRESPONSIBILITY THIS DRAWING SHALL BE USED AS A CONSTRUCTION GUIDE ONLY.
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SCALE 1/4"=1'-@"

SCALE 1/8"=1'-0"



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MATT KNOX REVISION DATE DATE DRAWN 7/13/25 CONTRACT NUMBER J-2492 DRAWING NUMBER

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