

OCCUPANCY. THE DESIGN DENSITY IS 0.10 GPM/SQ. FT., AND THE AREA OF

DESIGN CRITERIA FOR ORDINARY HAZARD GROUP 2 AREAS: (Mercantile)

IN ACCORDANCE WITH TABLE 11.2.3.1.2.

IN ACCORDANCE WITH TABLE 11.2.3.1.2.

BULIDING CONSTRUCTION

INSULATED METAL DECK ROOF ON STEEL PURLINS & BEAMS @ ELEVATION (BOP) AS NOTED ON PLANS.

20" 39" 39" 30" 30" 27" 27" 33" 33" 24" 66"

Thrust Block Details

SPRINKLER OPERATION IS 1500 SQ. FT. TOTAL ALLOWANCE FOR HOSES IS 100 GPM

DESIGN IS IN ACCORDANCE WITH THE DENSITY/AREA HYDRAULIC CALCULATION

GROUP 2 OCCUPANCY. THE DESIGN DENSITY IS 0.20 GPM/SQ. FT., AND THE AREA OF SPRINKLER OPERATION IS 1500 SQ. FT. TOTAL ALLOWANCE FOR HOSES IS 250 GPM

METHOD OF NFPA 13, 2016 EDITION, SECTION 11.2.3.2 FOR ORDINARY HAZARD

HANGER SPACING TABLE

PIPE SIZE HANGER SPACING

PIPE SIZE HANGER SPACING

NORTH KANSAS CITY, MISSOURI

(816) 221-0551

B.I.C. DESIGN CO. ASSUMES NO LIABILITY FOR

DESIGN DURING THE INSTALLATION.

USE OF UNLISTED OR UNSPECIFIED MATERIAL AND FOR ANY ALTERATIONS MADE TO THIS

1", 11⁄4"

4" & LARGER

11/2" & LARGER 15'

GENERAL NOTES & LEGEND

THESE SHOP DRAWINGS ARE BASED ON THE OWNER'S ACCEPTANCE OF NFPA 25 AS THE OWNER'S STANDARD FOR THE INSPECTION, TESTING AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS.

OWNER TO PROVIDE ADEQUATE HEAT THROUGH-OUT THE ENTIRE BUILDING

TO PREVENT ALL SPRINKLER PIPING FROM FREEZING. ALL DESIGN, MATERIAL & INSTALLATION TO COMPLY WITH ALL LOCAL REQUIREMENTS AND APPLICABLE NFPA STANDARDS.

REMOTE STATION MONITORING OF SPRINKLER SYSTEM PER NFPA 101/9.7.2.1 TO BE BY OTHERS

ALL ELECTRICAL WIRING TO BE BY OTHERS. ALL SPRINKLER PIPING IS TO BE SUPPORTED IN ACCORDANCE W/ NFPA-13 STANDARDS.

ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS & FLOORS ARE TO BE FIRE STOPPED IN ACCORDANCE W/ U.L. STANDARDS

P.O.L. - PIPE-O-LET S.N. - SHAPED NIPPLE D.N. - DOWN OR DROP NIPPLE R.N. - RISER NIPPLE

H.I.F. - TO BE HUNG IN FIELD C.O.J. - CUT ON JOB

(₹-3°) - CEILING HEIGHT

U.N.O. - UNLESS NOTED OTHERWISE N.T.S. - NOT TO SCALE ALL SPRINKLER PIPING IS TO BE SUPPORTED IN ACCORDANCE W/ NFPA-13 STANDARDS.

 ${\color{red} { extstyle 0'-0''}}\ {\color{red} { extstyle { extstyle 0}}}$ - FROM BOTTOM OF CONCRETE/TOP OF BEAM TO CENTER OF PIPE 0'-0" FF - FROM FINISHED FLOOR TO CENTER OF PIPE

AIR VENTS TO BE INSTALLED NEAR HIGH POINT IN SYSTEM. VENT SHALL BE EITHER:

1) MANUAL VALVE (1/2" MIN.) 3) OTHER APPROVED TYPE MEANS.

FOR APPROVAL

1 11/14/22 CHANGES PER CITY REVIEWER

REVISIONS

PLOT TYPE

NO. DATE



D-Bat - Town Centre 540 NE Town Centre Blvd Lee's Summit, Missouri

1/8" = 1'-0" #21-0348 FP-1 of 2