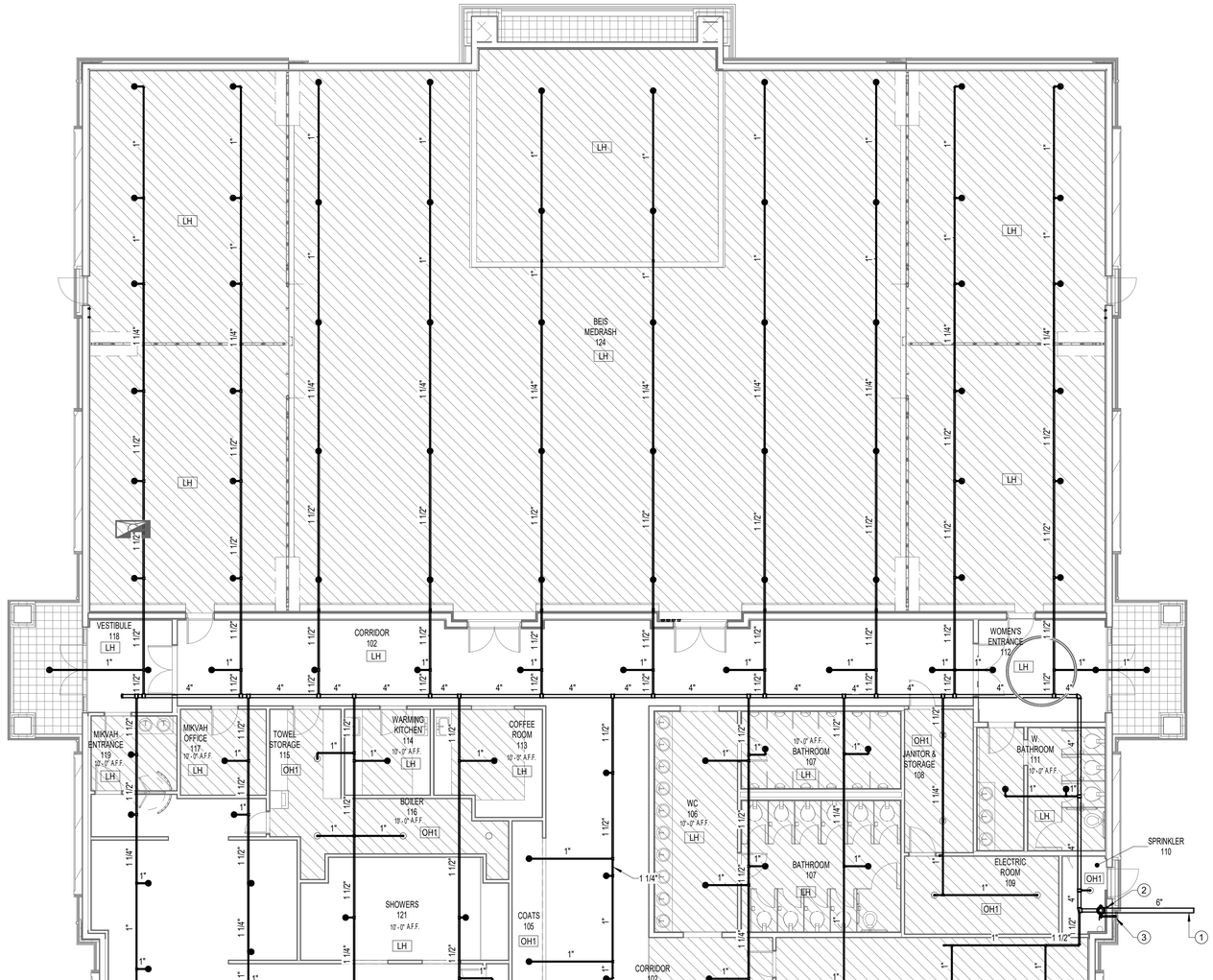


1 LEVEL 1 - FIRE PROTECTION PLAN
1/8" = 1'-0"

COMBUSTIBLE CONCEALED SPACES

1.- CONTRACTOR TO PROVIDE FIRE SPRINKLER PROTECTION IN ALL COMBUSTIBLE CONCEALED SPACES (INCLUDING MANSARD ROOF AND CEILING SPACES). THE MAXIMUM PROTECTION AREA FOR UNOCCUPIED CONCEALED SPACES HAVING COMBUSTIBLE WOOD JOIST OR WOOD TRUSS CONSTRUCTION SHALL BE IN ACCORDANCE WITH NFPA 13 (2016 EDITION) TABLE 8.6.2.2.1(a).

2.- SPRINKLERS IN CONCEALED SPACES HAVING NO ACCESS FOR STORAGE OR OTHER USE, SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS FOR LIGHT HAZARD OCCUPANCY PER NFPA 13 (2016 EDITION) SECTION 8.15.1.3. PROVIDE INTERMEDIATE-TEMPERATURE QUICK-RESPONSE SPRINKLERS IN COMBUSTIBLE CONCEALED/ATTIC SPACES.

3.- CONTRACTOR TO COORDINATE FIRE SPRINKLERS LOCATION AND SPACING IN COMBUSTIBLE CONCEALED SPACES WITH WOOD CONSTRUCTION AND STRUCTURAL DRAWINGS. INFORMATION SHALL BE SHOWN IN FIRE PROTECTION SHOP DRAWINGS.

KEY NOTES

1. 6" FIRE SERVICE FROM DOUBLE DETECTOR CHECK VALVE ASSEMBLY (DDCV). REFER TO CIVIL ENGINEER PLANS FOR CONTINUATION AND EXACT LOCATION OF DDCV AND FDC.
2. 4" FIRE SPRINKLER RISER WITH SUPERVISED CONTROL VAVE, FLOW SWITCH AND DRAIN VALVE.
3. TERMINATE 2" DRAIN LINE OUTSIDE POINTING DOWN 6" ABOVE ADJACENT GRADE/FLOOR.

NOTES:

1.- THESE DRAWINGS ARE GENERALLY DIAGRAMMATIC. THEREFORE, THEY DO NOT SHOW EVERY BEND, OFFSET OR OTHER FITTINGS WHICH MAY BE REQUIRED FOR THE INSTALLATION IN THE SPACE ALLOCATED, OR FOR COORDINATION WITH OTHER TRADES. THE CONTRACTOR IS RESPONSIBLE OF COORDINATE WITH STRUCTURE, CEILING ELEVATION AND OTHER TRADES BEFORE FABRICATING AND INSTALLING THE SPRINKLER SYSTEM. MAKE OFFSETS IN PIPING AS REQUIRED PER FIELD CONDITIONS.

2.- PIPING INSTALLED OUTSIDE THE BUILDING EXPOSED TO WEATHER SHALL BE SCH. 40 BLACK STEEL PIPE PAINTED RED OR GALVANIZED. FIRE SPRINKLERS INSTALLED OUTSIDE THE BUILDING SHALL BE FM APPROVED AS CORROSION-RESISTANT TYPE FIRE SPRINKLERS.

3.- NEW PIPING INSTALLED IN AREAS WHERE THE STRUCTURE IS EXPOSED (AREAS WITH NO CEILING) SHALL BE PAINTED RED WITH 2 COATS OF EPOXY BASED PAINT.

DESIGN DENSITY

HAZARD CATEGORY		SPRINKLER HEAD SPACING (ft^2)	HOSE ALLOWANCE (gpm)	WET SPRINKLER DESIGN DEMAND (gpm/ft^2) / ft^2
LH	LIGHT HAZARD	225	100	0.10 / 1500
OH1	ORDINARY HAZARD GROUP 1	130	250	0.15 / 1500
OH2	ORDINARY HAZARD GROUP 2	130	250	0.20 / 1500

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Project No.: 230515-F

CIVIL CONSULTANT:

REVISIONS

NO.	DATE	DESCRIPTION

CLIENT: JAM EQUITIES

PROJECT NAME / LOCATION: OKEE - SHUL
PROJECT ADDRESS

DRAWING TITLE: LEVEL 1 - FIRE PROTECTION PLAN

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:
Digitally signed by George SanJuan
Date: 2023.12.27 10:55:23 -05'00'

SCALE: 1/8" = 1'-0"

DATE:

PROJECT NO.: NJ079.4

DRAWING NO.: FP101

BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS.

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