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SPRINKLER DESIGN CRITERIA

HATCH	NFPA 13 HAZARD CATEGORY	FM LPDS 3-26 HAZARD CATEGORY	SYSTEM TYPE	CEILING HEIGHT UP TO 30'-0"	CEILING HEIGHT 30'-0" - 45'-0"	CEILING HEIGHT 45'-0" - 60'-0"	HOSE STREAM/ DURATION	K-FACTOR	REQUIRED SPRINKLER
	LIGHT HAZARD	HC-1	WET-PIPE	0.10 GPM/SF OVER THE MOST REMOTE 1,500 SF	0.20 GPM/SF OVER THE MOST REMOTE 2,500 SF	0.20 GPM/SF OVER THE MOST REMOTE 2,500 SF	250 GPM FOR 60 MINUTES	5.6	ORDINARY, QUICK-RESPONSE
	ORDINARY HAZARD	HC-2	WET-PIPE	0.20 GPM/SF OVER THE MOST REMOTE 2,500 SF	0.20 GPM/SF OVER THE MOST REMOTE 2,500 SF	0.20 GPM/SF OVER THE MOST REMOTE 2,500 SF	250 GPM FOR 60 MINUTES	8.0	INTERMEDIATE, QUICK RESPONSE
	EXTRA HAZARD	HC-3	WET-PIPE	0.30 GPM/SF OVER THE MOST REMOTE 2,500 SF	0.30 GPM/SF OVER THE MOST REMOTE 3,600 SF	0.50 GPM/SF OVER THE MOST REMOTE 3,000 SF	500 GPM FOR 60 MINUTES	11.2	INTERMEDIATE, STANDARD RESPONSE

NOTES:

- CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR MAXIMUM ROOM HEIGHTS TO DETERMINE SPRINKLER DESIGN CRITERIA FOR EACH ROOM.
- SPRINKLER DESIGN DENSITIES ARE TO BE DETERMINED FROM THE FM LPDS 3-26 HAZARD CATEGORY REQUIREMENTS.

GENERAL SHEET NOTES

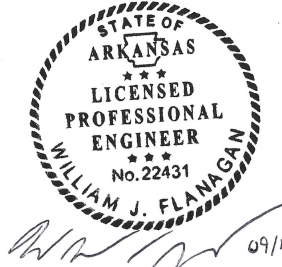
- REFER TO SHEET F-001 FOR GENERAL NOTES AND SYMBOLS.
- REFER TO SHEETS FX801 & FX802 FOR FIRE PROTECTION DETAILS.

#SHEET KEYNOTES

- PRELIMINARY SPRINKLER RISER LOCATION. FINAL LOCATION TO BE DETERMINED (COORDINATE LOCATION WITH CIVIL).
- PROVIDE SPRINKLER PROTECTION IN DUST COLLECTION SYSTEM PER FM LPDS 7-76.
- PROVIDE WEATHERPROOF SPRINKLER BELL ON EXTERIOR WALL NEAR FIRE RISER.

Jacobs

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Exp. Date: 12/31/2024



Grinder
Camden OSD
Calhoun County, Arkansas
Aerojet Rocketdyne

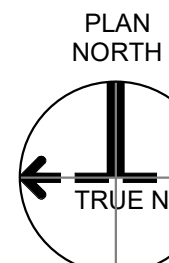


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FIRE PROTECTION
FLOOR PLAN

GRAPHIC SCALE(S)

0 4' 8' 16' 24'
1/8" = 1'-0"



SHEET NO

FX102

SCALE As indicated
DATE 09/18/2024
PROJ D3754502
DWG CMON OSD, Grinder, FX102

PLOT DATE/TIME: 9/18/2024 11:10:47 AM

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A1 GROUND FLOOR FIRE PROTECTION PLAN

SCALE 1/8" = 1'-0"

A3 DC STAND BASE FIRE PROTECTION PLAN

SCALE 1/8" = 1'-0"