APPLICABLE CODES AND STANDARDS

THIS PROJECT IS DESIGNED IN ACCORDANCE WITH THE FOLLOWING CRITERIA AND OTHER PERTINENT DATA THAT ARE HEREIN INCORPORATED BY REFERENCE. THIS IS NOT A COMPLETE LIST, BUT INCLUDES THE MAJOR REFERENCES:

- ARKANSAS FIRE PREVENTION CODE VOLUME I, FIRE CODE, 2021 (2012 IFC WITH ARKANSAS AMENDMENTS)
- ARKANSAS FIRE PREVENTION CODE VOLUME II, BUILDING CODE, 2021 (2021 IBC WITH ARKANSAS AMENDMENTS)
- DOD CONTRACTORS SAFETY MANUAL FOR AMMUNITION AND EXPLOSIVES (4145.26) WITH CHANGE 2, AUGUST 31, 2018
- ARKANSAS ENERGY CODE, 2014 (2009 IECC WITH ARKANSAS AMENDMENTS)
- ARKANSAS NATIONAL ELECTRICAL CODE, 2020
- ARKANSAS PLUMBING CODE, 9TH EDITION, 2018
- INTERNATIONAL MECHANICAL CODE, 2021
- OSHA STANDARD 1910
- AMERICANS WITH DISABILITIES ACT (ADA), 2010
- FM: ALL BUILDING SYSTEMS MUST FOLLOW APPLICABLE FM GLOBAL DATA SHEETS
- DOD 4145.26-M, DOD CONTRACTORS SAFETY MANUAL FOR AMMUNITION AND EXPLOSIVES
- AEROJET ROCKETDYNE CORPORATE STANDARD FOR OFFICE SPACE
- AEROJET ROCKETDYNE CAMDEN SITE STANDARD FOR MANUFACTURERS AND PRODUCTS
- AEROJET ROCKETDYNE SPECIAL REQUIREMENTS FOR CLASSIFIED AREAS

CODE ANALYSIS (ALL CODE REFERENCES ARE FROM IBC 2021)

• TYPE OF CONSTRUCTION (602.2):	TYPE II-B (NON-COMBUSTIBLE)
• FIRE PROTECTION:	SPRINKLER AND FIRE ALARM NOT REQUIRED PER IBC SECTION 903, 907
• OCCUPANCY GROUP:	BUSINESS (B)
• OCCUPANCY SEPARATION (IBC 2021 TABLE 508.4):	NOT REQUIRED

GENERAL HEIGHTS AND AREAS

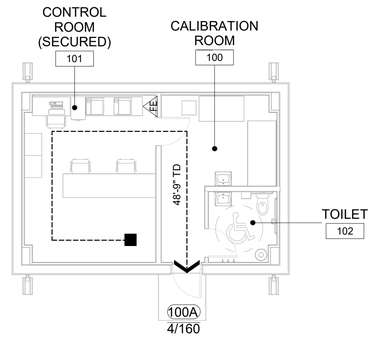
• NUMBER OF STORIES (ALLOWABLE PER TABLE 504.4):	3 STORIES (B)
• BUILDING HEIGHT LIMITATION (ALLOWABLE PER TABLE 504.3):	55 FEET (B)
• BUILDING AREA FACTOR (ALLOWABLE PER TABLE 506.2):	23,000 SF (B)
• NUMBER OF STORIES (ACTUAL):	1 STORY
• BUILDING HEIGHT (ACTUAL):	14'-1"
• BUILDING AREA (ACTUAL):	480 SF

MEANS OF EGRESS

• COMMON PATH OF TRAVEL (TABLE 1006.2.1):	100 FEET (B)
• EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2):	200 FEET (B)
• MAXIMUM DEAD END (1020.5)	20 FEET
• CORRIDOR FIRE RESISTANCE RATING (TABLE 1020.2):	1 HOUR
• MINIMUM CORRIDOR WIDTH (TABLE 1020.3):	36 INCHES
• MINIMUM DOOR WIDTH (1010.1.1):	32 INCHES
• EGRESS WIDTH PER OCCUPANT (1005.3.2):	0.2 INCHES PER OCCUPANT (B)

OCCUPANT LOAD (IBC 2021 TABLE 1004.5)

• TOTAL OCCUPANTS BUSINESS (B) (CALCULATED):	
480 GROSS SQUARE FEET / 150 GROSS SQUARE FEET=	4 OCCUPANTS
BUILDING TOTAL (CALCULATED)	4 OCCUPANTS



A2 LIFE SAFETY PLAN
SCALE 1/8" = 1'-0"

GENERAL SHEET NOTES

A. THE PURPOSE OF THIS DOCUMENT IS TO CONVEY BRIDGING DOCUMENTS TO THE DESIGN BUILD CONTRACTOR.

B. THE DESIGN WILL COMPLY WITH ALL LOCAL AND STATE CODES. WHERE CONFLICTS OCCUR, THE DESIGN WILL COMPLY WITH THE MOST STRINGENT REQUIREMENTS.

C. REFER TO FIRE PROTECTION DRAWINGS FOR ALARM AND SPRINKLER SYSTEM.

D. REFER TO ELECTRICAL DRAWINGS FOR EXIT SIGNS AT DOORS, EXIT LIGHTS AND EMERGENCY LIGHTING.

E. PROVIDE ABC PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH IFC SECTION 906.

LIFE SAFETY

PATH OF EXIT TRAVEL WITH DISTANCES FROM SELECTED REMOTE LOCATIONS TO NEAREST EXIT. INCLUDES; TOTAL TRAVEL DISTANCE (TD)

146 TD ■ INDICATES START OF TD

INDICATES POINT OF EXIT

117 ROOM NUMBER

123B EXIT LOCATION (DOOR NUMBER)

10/160 TOTAL EXIT CAPACITY OF OPENING IN NUMBER OF OCCUPANTS

CALCULATED QUANTITY OF OCCUPANTS PER EXIT

EXIT LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS

1 HOUR FIRE RATED PARTITION

2 HOUR FIRE RATED PARTITION

FE FIRE EXTINGUISHER TYPE ABC

OCCUPANCY LEGEND

(NO PATTERN)	BUSINESS (B)

GRAPHIC SCALE(S)

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

PLAN NORTH
TRUE N

NO	DATE	DSGN
0	09/18/2024	100% ISSUED FOR CONSTRUCTION - EXPANSION
		REVISION

DR IE NDJYA CHK BH APVD BY IE APVD TM TM

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Exp. Date: 01/31/2025

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
WILLIAM J. FLANAGAN
No. 22431
9/17/24
SEAL

Jacobs NABHOLZ

Control Room 2
Camden OSD
Calhoun County, Arkansas
Aerojet Rocketdyne

GENERAL
LIFE SAFETY PLAN AND CODE REQUIREMENTS

SHEET NO
G-101

SCALE	As indicated
DATE	09/18/2024
PROJ	D3754502
DWG	CMDN-OSD_Control-Room-2_G-101

PLOT DATE/TIME: 9/17/2024 6:09:52 PM

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