

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 (2021 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
- FM: ALL BUILDING SYSTEMS MUST FOLLOW APPLICABLE FM GLOBAL DATA SHEETS
- DOD 4145.26-M, DOD CONTRACTORS SAFETY MANUAL FOR AMMUNITION AND EXPLOSIVES
- AEROMET ROCKETDYNE CORPORATE STANDARD FOR OFFICE SPACE
- AEROMET ROCKETDYNE CAMDEN SITE STANDARD FOR MANUFACTURERS AND PRODUCTS
- AEROMET ROCKETDYNE SPECIAL REQUIREMENTS FOR CLASSIFIED AREAS

CODE ANALYSIS (ALL CODE REFERENCES ARE FROM IBC 2021)

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|---------------------------------|--|
| • 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: | UTILITY AND
MISCELLANEOUS (U) |
| • OCCUPANCY SEPARATION: | NO SEPARATION
REQUIRED |

GENERAL HEIGHTS AND AREAS

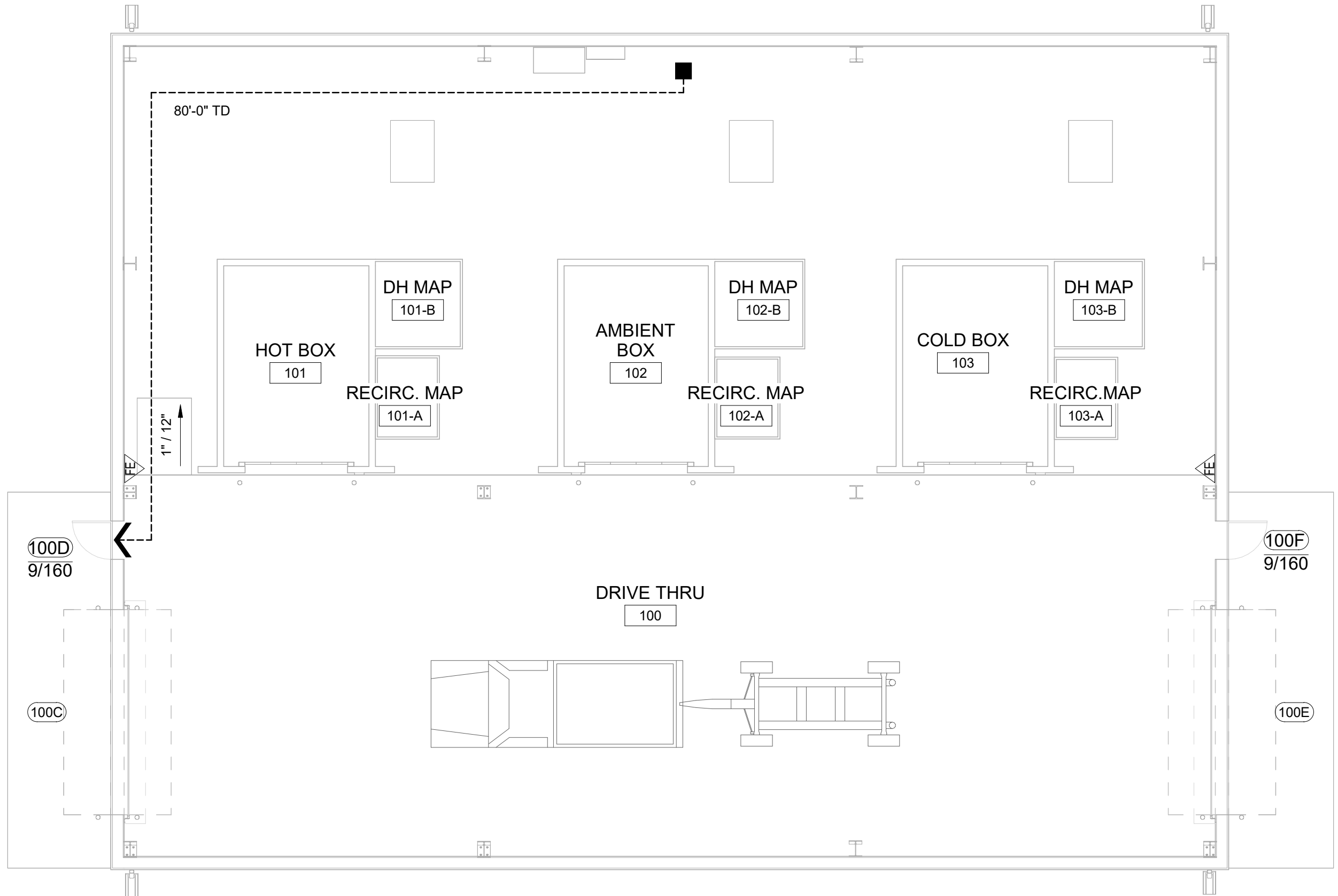
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|---|--------------|
| • NUMBER OF STORIES (ALLOWABLE PER TABLE 504.4): | 2 STORY (U) |
| • BUILDING HEIGHT LIMITATION (ALLOWABLE PER TABLE 504.3): | 55 FEET (U) |
| • BUILDING AREA FACTOR (ALLOWABLE PER TABLE 506.2): | 8,500 SF (U) |
| • NUMBER OF STORIES (ACTUAL): | 1 STORY |
| • BUILDING HEIGHT (ACTUAL) : | 21'-6" |
| BUILDING AREA (ACTUAL) : | 5,375 SF |

MEANS OF EGRESS

- | | |
|---|-----------------------------|
| • COMMON PATH OF TRAVEL (TABLE 1006.2.1):
OCCUPANCY LOAD ≤ 30 : | 100 FEET (U) |
| • EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2):
WITHOUT SPRINKLER SYSTEM : | 300 FEET (U) |
| • MAXIMUM DEAD END (1020.5) | 20 FEET |
| • CORRIDOR FIRE RESISTANCE RATING (TABLE 1020.2):
WITHOUT SPRINKLER SYSTEM : | 1 HOUR (U) |
| • 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 (U) |

OCCUPANCY LOAD (IBC 2021 TABLE 1004.5)

- | | |
|---|---------------------|
| • TOTAL OCCUPANTS UTILITY AND MISCELLANEOUS (U) (CALCULATED): | |
| 5,375 GROSS SQUARE FEET / 300 GROSS SQUARE FEET= | 18 OCCUPANTS |
| <u>BUILDING TOTAL (CALCULATED):</u> | <u>18 OCCUPANTS</u> |



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 MUST COMPLY WITH ALL LOCAL AND STATE CODES, WHERE CONFLICTS OCCUR, THE DESIGN MUST COMPLY WITH THE MOST STRINGENT REQUIREMENTS.
- C. REFER TO ELECTRICAL DRAWINGS FOR EXIT SIGNS AT DOORS, EXIT LIGHTS AND EMERGENCY LIGHTING.
- D. PROVIDE TYPE ABC PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH IFC SECTION 906.

LIFE SAFETY

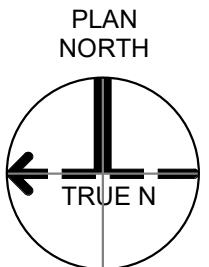
PATH OF EXIT TRAVEL WITH DISTANCES FROM SELECTED REMOTE
LOCATIONS TO NEAREST EXIT. INCLUDES; TOTAL TRAVEL
DISTANCE (TD)

- 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
- 10/160 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)	UTILITY AND MISCELLANEOUS (U)
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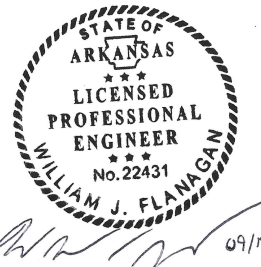
GRAPHIC SCALE(S)



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Exp. Date: 01/31/2025



Conditioning Boxes
Camden OSD
Calhoun County, Arkansas
Aerojet Rocketdyne

Jacobs  **MARHOIZ**

GENERAL
LIFE SAFETY PLAN AND CODE
REQUIREMENTS

SHEET NO	
G-101	
SCALE	As indicate
DATE	09/18/2
PROJ	D375450
DWG	CMDN-OSD_Conditioning Boxes, G-1