

LIFE SAFETY PLAN LEGEND

- 1HR. FIRE-RATED WALL
- TRAVEL DISTANCE
- SMOKE DETECTOR
- CONCRETE MASONRY WALL
- GRPSUM/METAL STUD PARTITION
- WALL-MOUNTED EXIT SIGN
- SEE ELEC. DWGS.
- EMERGENCY LIGHTING-SEE ELEC. DWGS.
- VOICE EVACUATION MASS NOTIFICATION AMBER VISUAL STROBE AND SPEAKER, WALL MOUNT 8" AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER, NUMBER DESIGNATES CANDELA LEVEL.
- PULL STATION
- ETREWSH
- 15 FIRE ALARM CLEAR VISUAL STROBE, WALL MOUNT 8" AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER, NUMBER DESIGNATES CANDELA LEVEL.
- BRACKET-MOUNTED FIRE EXTINGUISHER, 10LB ABC, DRY-CHEMICAL TYPE
- FIRE EXTINGUISHER CABINET W/ 10LB ABC DRY-CHEMICAL FIRE EXTINGUISHER
- NOTE: FIRE EXTINGUISHERS SHALL BE INSTALLED W/ TOP AT 4'-0" MAX. HEIGHT AND PROVIDE STOCK ON ELEVATION AND DIRECTIONAL ARROWS TO IDENTIFY THE CABINET OR EXTINGUISHER'S LOCATION.

PROJECT CODE CRITERIA:

PERIMETER OF BUILDING: 804' FT
 AREA OF BUILDING INSIDE FACE OF EXTERIOR WALL: 29,087 SF
 TYPE OF CONSTRUCTION: IRI, SPRINKLERED

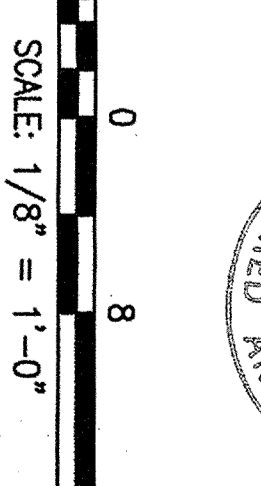
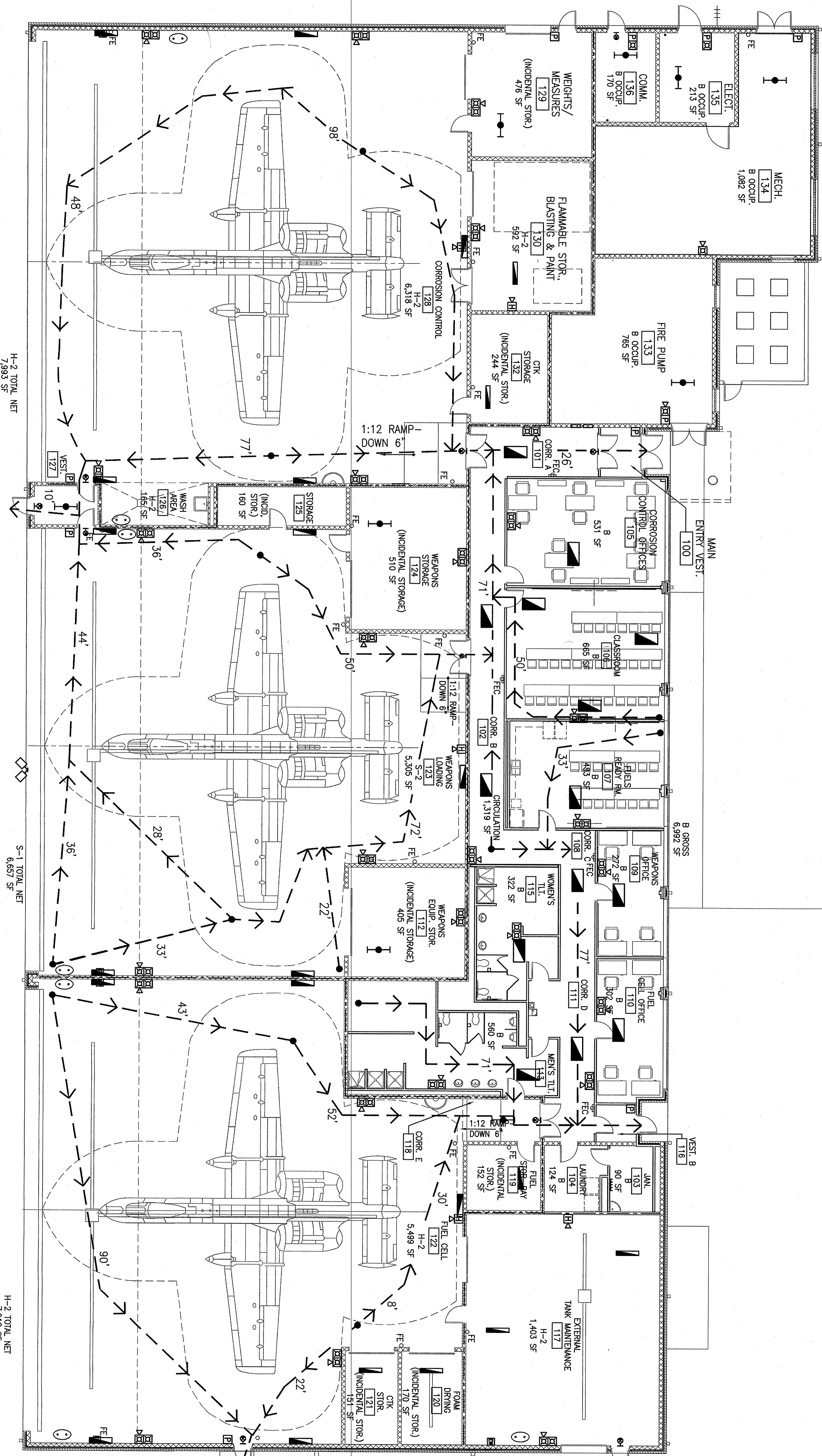
BUILDING HEIGHTS FOR (B) BUSINESS OCCUPANCY:

1. NUMBER OF STORES ALLOWED: 4
2. NUMBER OF STORES PROVIDED: 1
3. BUILDING HEIGHT ALLOWED (FT): 55'
4. BUILDING HEIGHT PROVIDED: 47'-0" A.F.F.
5. ALLOWABLE SQUARE FOOTAGE: UNLIMITED PER ETL 02.15

OCCUPANCY LOAD:	SQ. FT.	PER PERSON	TOTAL OCCUPANTS
BUSINESS	6,992 GROSS	100	70
HARBORNS	22,588 NET	500	46
CALCULATED OCCUPANCY LOAD:			116

CODES USED:

- 2002 ARKANSAS BUILDING CODE (IBC) 2000 WITH ARKANSAS STATE AMENDMENTS
- 2006 NFPA 101 LIFE SAFETY CODE
- ETL 02-15 FIRE PROTECTION ENGINEERING CRITERIA- NEW AIRPORT FACILITIES
- UPC 3-280-01 AIRPORT AND HELIPORT DESIGN AND PLANNING
- UPC 3-410-04 INDUSTRIAL VENTILATION
- UPC 3-600-01 DESIGN: FIRE PROTECTION ENGINEERING FOR FACILITIES
- UPC 4-010-01 DESIGN: DOB MINIMUM ANTI-TERRORISM STANDARDS FOR BUILDING
- UPC 4-010-02 DESIGN: DOB MINIMUM STANDOFF DISTANCES FOR BUILDING
- UPC 4-020-01 SECURITY ENGINEERING: PROJECT DEVELOPMENT
- UPC 4-020-02 SECURITY ENGINEERING: PROJECT DESIGN
- UPC 4-020-03 SECURITY ENGINEERING: FINISH PERSON
- STANDARD GAS CODE (INTERNATIONAL FIRE GAS CODE) - 2000 EDITION
- NFPA NATIONAL ELECTRICAL CODE 2002 EDITION
- INTERNATIONAL ENERGY CONSERVATION CODE - 2000 EDITION



COMPOSITE A-10 AIRCRAFT MAINTENANCE FACILITY
 ARKANSAS AIR NATIONAL GUARD
 FT. SMITH, ARKANSAS

LIFE SAFETY PLAN

Sheet Reference Number: A-001
 Sheet 14 of 69

Designed by: SRG
 Dwn by: MLB
 Reviewed by: KES
 Date: 4-11-08

Mark	Description	Date	Appr.

188th Fighter Wing

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