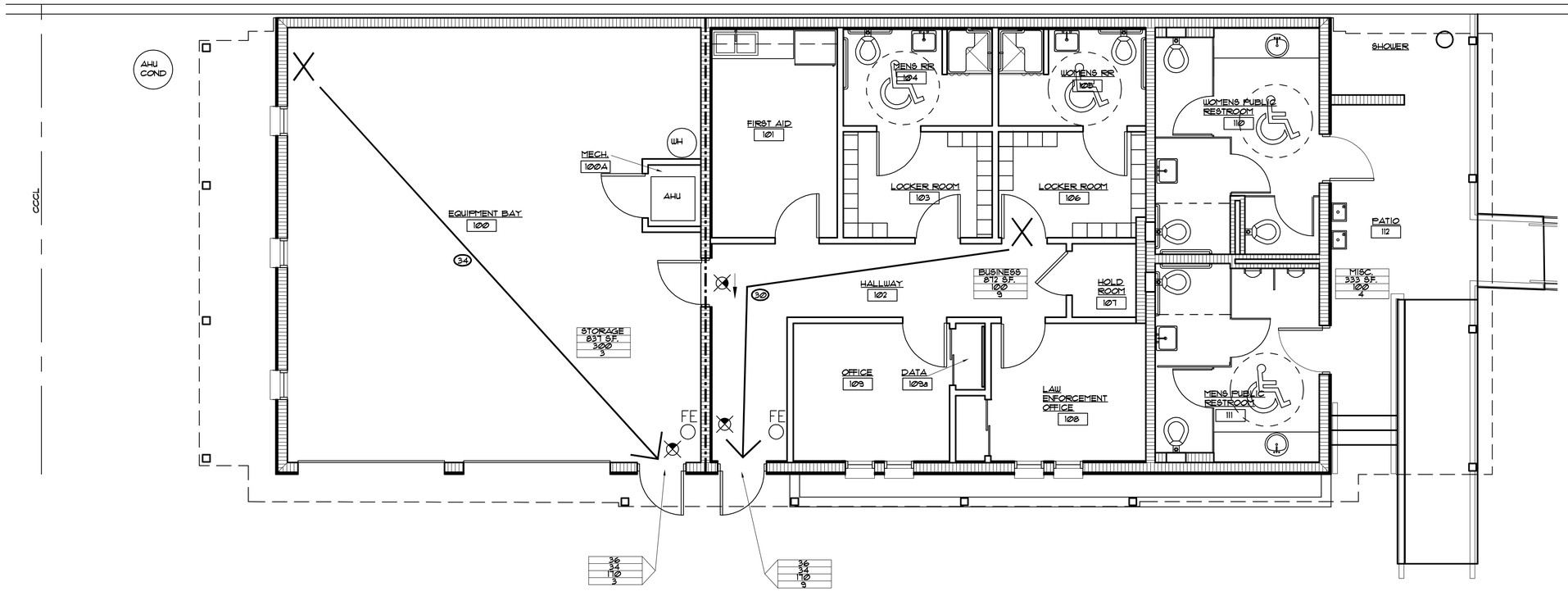

LIFE SAFETY PLAN (1 / A0.2)
SCALE: 1/4"=1'-0"

NORTH

CODE REVIEW DATA

APPLICABLE CODES:
2007 FLORIDA BUILDING CODE WITH 2009 REVISIONS
2007 FLORIDA FIRE PREVENTION CODE
2009 NFPA 1 and 2009 NFPA 101 LIFE SAFETY CODE

AUTHORITY HAVING JURISDICTION
CITY OF ORMOND BEACH
CHIEF BUILDING OFFICIAL - JOE LEVEREAUX

OCCUPANCY TYPE (CHAPTER 3)
MIXED OCCUPANCY:
GROUP S- STORAGE: 850 SF.
GROUP B- BUSINESS: 1310 SF.

CONSTRUCTION TYPE (CHAPTER 6)
TYPE V B

STRUCTURAL FRAME	0 HR
BEARING WALLS - EXTERIOR	0 HR
BEARING WALLS - INTERIOR	0 HR
FLOOR CONSTRUCTION	0 HR
ROOF CONSTRUCTION	0 HR

NORTH WALL IS WITHIN 5' OF PROPERTY LINE.
TABLE 602 REQUIRES A 2 HOUR WALL - REINFORCED CONCRETE BLOCK SATISFIES THIS REQUIREMENT.

ALLOWABLE AREA (CHAPTER 5)
TABLE 503 - 9,000 sf - GROUP "S" OCCUPANCY - TYPE V B CONSTRUCTION

PROJECT BUILDING AREA AND HEIGHT
TOTAL BUILDING
2,160 +/- SQUARE FEET

FIRE SUPPRESSION SYSTEM
NONE

BUILDING AREA and OCCUPANT CAPACITY
TOTAL STORAGE AREA - 850 SF @ 300SF PER PERSON = 3 PEOPLE
TOTAL BUSINESS AREA - 1,310 SF @ 100SF PER PERSON = 14 PEOPLE
16 TOTAL

EGRESS CALCULATION

	REQUIRED	PROVIDED
TENANT AREA	2in / pers = 32"	68"

MAXIMUM ALLOWABLE TRAVEL DISTANCE
200 FT
MAXIMUM COMMON PATH OF TRAVEL (PARAGRAPH 1014.3)
75' - (100' IN GROUP"B" OCCUPANCY WITH A/S PROTECTION)

INTERIOR FINISH REQUIREMENTS (CHAPTER 8)

VERTICAL EXITS AND EXIT PASSAGEWAYS	CLASS "A"
EXIT ACCESS CORRIDORS AND OTHER EXITWAYS	CLASS "B"
ROOMS AND ENCLOSED SPACES	CLASS "C"

WIND LOAD REQUIREMENTS (CHAPTER 16)

BASIC WIND SPEED (FIGURE 1609)	120 mph
WIND IMPORTANCE CATEGORY (TABLE 1604.5)	1.0
WIND EXPOSURE CATEGORY(1609.4)	EXPOSURE "C"
HEIGHT AND EXPOSURE COEFFICIENT(TABLE 1609.6D)	1.00
ENCLOSURE STATUS	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
WIND BORNE DEBRIS ZONE	YES

LIFE SAFETY PLAN LEGEND
PARTITION SYMBOLS

SYMBOL	DESCRIPTION	REMARKS
	1 HOUR FIRE RATING	
	LIFE SAFETY SYMBOLS	
FE	FIRE EXTINGUISHER	1 NEW PROVIDED
A B C D	EGRESS DOOR CAPACITY A.) DOOR SIZE OR STAIR WIDTH B.) EGRESS WIDTH C.) MAX ALLOWABLE LOAD D.) ACTUAL OCCUPANT LOAD	
A B C D	OCCUPANT LOAD A.) OCCUPANCY B.) ACTUAL FLOOR AREA C.) OCCUPANT LOAD/PERSONS PER S.F. D.) ACTUAL LOAD	
	TRAVEL DISTANCE	
20	DISTANCE FROM MOST REMOTE POINT IN OCCUPANT AREA	
	DIRECTION OF TRAVEL / PATH OF TRAVEL	
X	START/FINISH OF TRAVEL DISTANCE	

DESIGN, INC.
913 NORTH NOVA RD.
HOLLY HILL, FL 32117
AA 26000567
PHONE (386) 255-6987
FAX (386) 255-6989

REVISIONS

REV#	DATE
1	
2	
3	
4	
5	
6	
7	
8	

COUNTY OF VOLUSIA
CARDINAL AVENUE LIFEGUARD STATION
CARDINAL AVENUE
ORMOND BEACH, FLORIDA

PJT#: 02209.05
DATE: 9-2-11
DRN BY: JMW
DGN BY: JMW
REV BY: -
SCALE: -

SHEET
A0.2