

**CODE STUDY**  
 IBC 2012

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 5 < X < 10' 1 1/2 HR  
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 X > 15' 3 HR

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WALL TYPE	WALL RATING	DOOR RATING
FIRE WALLS	3 HR	3 HR
SHAFT	1 HR	1 HR
FIRE BARRIER	1	3/4 HR
FIRE PARTITION		
CORRIDOR	1 HR	1/3 HR
SMOKE BARRIER	1 HR	1/3 HR

716.5.3.3 SMOKE ACTIVATED DOORS - ACTIVATED BY SMOKE DETECTOR OR LOSS OF POWER TO SMOKE DETECTOR OR HOLD OPEN DEVICE

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 905.4 LOCATION OF CLASS I STANDPIPE  
 1 EVERY REQUIRED STAIR 2 EACH SIDE OF WALL A OPENING IN HORIZONTAL EXIT 5. HIGHEST LANDING OF STAIR TO ROOF  
 906 PORTABLE FIRE EXTINGUISHERS  
 907 FIRE ALARM AND DETECTION  
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CHAPTER 10 - MEANS OF EGRESS  
 OCCUPANT LOAD  
 HOLDING CELLS FIXED SEATING 18" PER PERSON  
 OTHER AREAS 100 SF GROSS PER PERSON  
 STORAGE/MECHANICAL 300 SF GROSS PER PERSON  
 1005.3.1 STAIR WIDTH = 0.3' PER OCCUPANT  
 1005.3.2 OTHER COMPONENTS = 0.2' PER OCCUPANT  
 1008.1.9.10 LOCKING ARRANGEMENT IN CORRECTIONAL FACILITIES  
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 TABLE 1018.2 MINIMUM CORRIDOR WIDTH 44"  
 1018.4 DEAD END - GROUP I-3 CONDITION 2, 3, OR 4 = 50 FT

**LIFE SAFETY LEGEND**

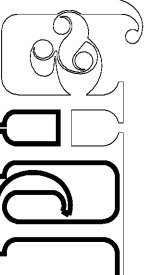
ASSUMED PROPERTY LINE: - - - - -  
 SMOKE BARRIER: [Symbol]  
 1 HOUR FIRE BARRIER: [Symbol]  
 1 HOUR FIRE PARTITION: [Symbol]  
 2 HOUR FIRE BARRIER: [Symbol]  
 3 HOUR FIRE WALL: [Symbol]

STUD WALL EQUAL TO ULI# 404  
 CMU WALL EQUAL TO ULI# 906

EXIT: [Symbol]  
 EXIT ACCESS CORRIDOR: [Symbol]  
 EXIT WIDTH: [Symbol] ← 33' CLEAR EXIT

20 DOOR RATING (MINUTES)

architects inc.  
 Montgomery, Alabama



CIP-2017-001  
 UPGRADES TO THE MOBILE COUNTY METRO JAIL  
 For The MOBILE COUNTY COMMISSION  
 MOBILE, ALABAMA



DRAWN	HS	CHECK	
DATE	April 2, 2019 RTA		
REVISED			
REVISED			

SHEET TITLE  
 SECOND AND THIRD FLOOR LIFE SAFETY PLAN AND CODE STUDY

JOB NO.  
 PH&J 1801-GV

SEQUENCE NO.  
 33 of 175

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