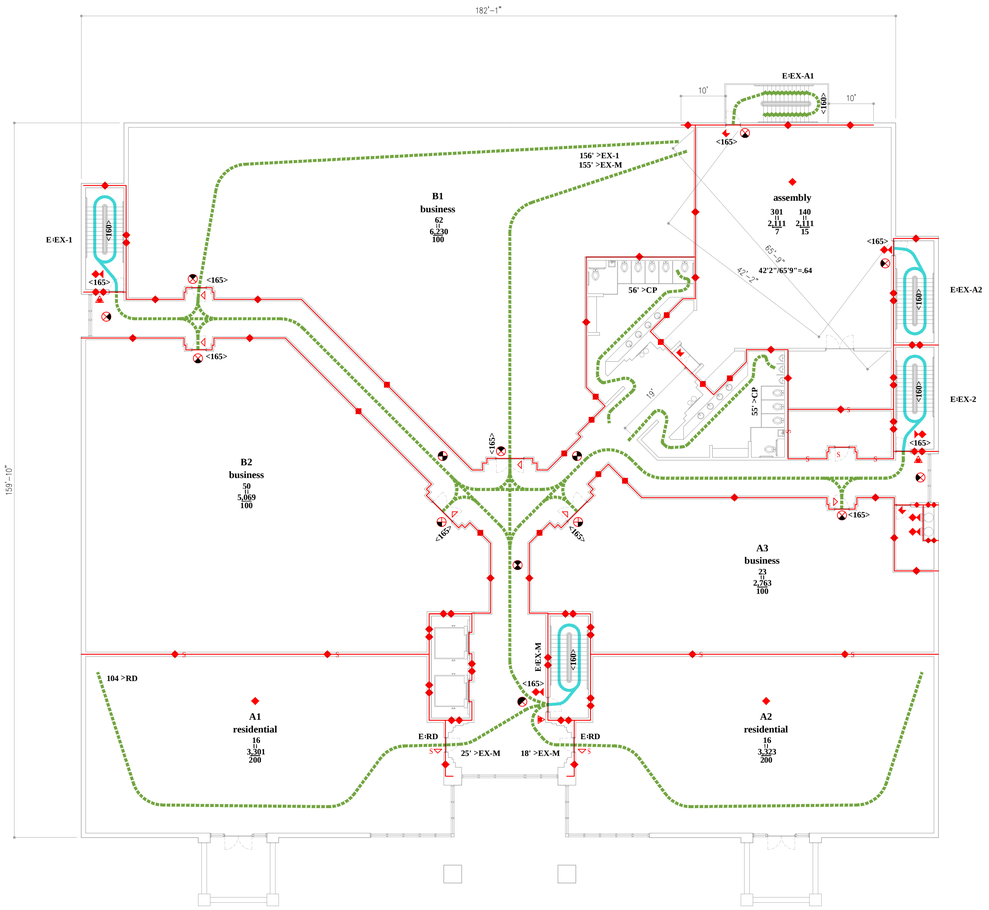
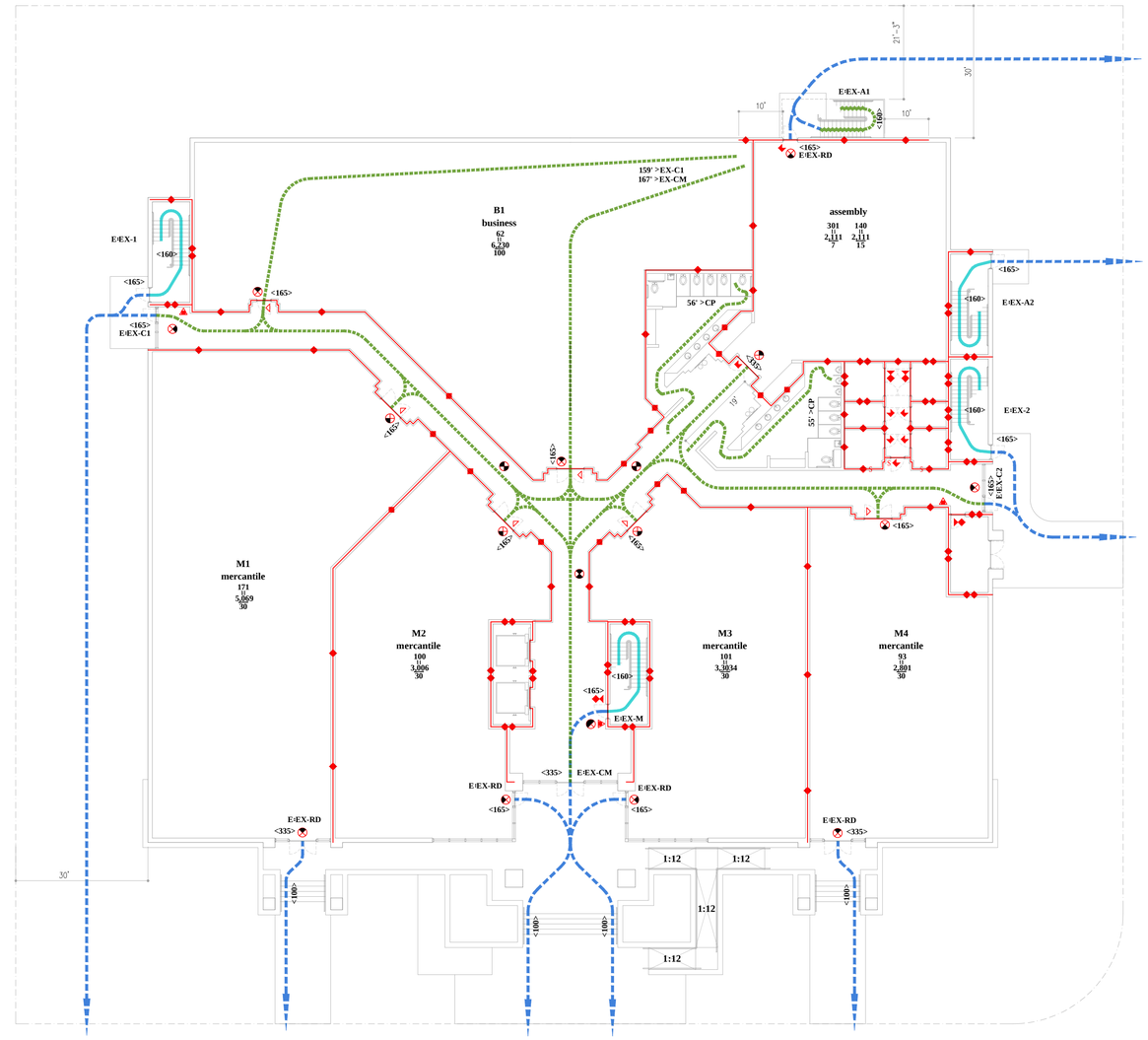


Second Story

1/16"=1'



First Story above Grade

1/16"=1'

Mixed Occupancy Building

TYPE ?

Automatic Sprinkler System

? STORIES

?' HIGH

FLORIDA FIRE PREVENTION CODE 2007

1/1/9

N.F.P.A. 101 2006

as modified by

Florida Administrative Code Chapter 69A-60

EGRESS WIDTH PER PERSON: LEVEL 0.2 : STAIR 0.3

MINIMUM STAIR WIDTH 44" if occupancy < 50 then 36"

ASSEMBLY

Chapter 12

OCCUPANT LOAD = 1/15 NET

Concentrated = 1/7

Kitchen = 1/100

Pool area= 1/50

Pool Deck = 1/30

Fitness w/equi = 1/50

MINIMUM CORRIDOR WIDTH 44", if occupancy < 50 then 36"

NO COMMON PATH OF TRAVEL OVER 20' : 75' if OCCUPANCY <50

NO DEAD END CORRIDORS EXCEED 20'

MAXIMUM TRAVEL DISTANCE 250'

RESIDENTIAL APARTMENT

Chapter 30

OCCUPANT LOAD 1/200 GROSS

MINIMUM CORRIDOR WIDTH 44", if occupancy < 50 then 36"

COMMON PATH OF TRAVEL within UNIT 75'

COMMON PATH OF TRAVEL 50'

NO DEAD END CORRIDORS EXCEED 20'

MAXIMUM TRAVEL DISTANCE WITHIN UNIT 125'

MAXIMUM TRAVEL DISTANCE FROM DWELLING DOOR 200'

MAXIMUM TRAVEL DISTANCE FROM NON-DWELLING 250'

MERCANTILE

Chapter 36

Class A : >30,000sf or > 3 stories

Class B : >3,000sf,<30,001sf < 4 stories

Class C : <3,001sf,1 story

OCCUPANT LOAD STREET 1/30 GROSS

OCCUPANT LOAD 1/60 GROSS

MINIMUM CORRIDOR WIDTH 44", if occupancy < 50 then 36"

NO COMMON PATH OF TRAVEL OVER 100'

NO DEAD END CORRIDORS EXCEED 20'

MAXIMUM TRAVEL DISTANCE 250'

BUSINESS

Chapter 38

OCCUPANT LOAD 1/100 GROSS

MINIMUM CORRIDOR WIDTH 44", 36" if occupancy <50

NO COMMON PATH OF TRAVEL OVER 100'

NO DEAD END CORRIDORS EXCEED 50'

MAXIMUM TRAVEL DISTANCE 300'

FLORIDA BUILDING CODE 2007

3/1/9

10/1/9

*

EGRESS WIDTH PER PERSON: LEVEL 0.2 : STAIR 0.3

MINIMUM STAIR WIDTH 44" if occupancy < 50 :then 36"

ASSEMBLY

GROUP A

OCCUPANT LOAD = 1/15 NET

Concentrated = 1/7

Kitchen = 1/100

Pool area= 1/50

Pool Deck = 1/30

Fitness w/equi = 1/50

MINIMUM CORRIDOR WIDTH 44", if occupancy < 50 then 36"

NO COMMON PATH OF TRAVEL OVER 20' : 75' if OCCUPANCY <50

NO DEAD END CORRIDORS EXCEED 20'

MAXIMUM TRAVEL DISTANCE 250'

RESIDENTIAL

GROUP R2

OCCUPANT LOAD 1/200 GROSS

MINIMUM CORRIDOR WIDTH 44", if occupancy < 50 then 36"

COMMON PATH OF TRAVEL 50'

NO DEAD END CORRIDORS EXCEED 20'

MAXIMUM TRAVEL DISTANCE WITHIN UNIT 125', 75':13R

MERCANTILE

GROUP M

OCCUPANT LOAD STREET 1/30 GROSS

OCCUPANT LOAD 1/60 GROSS

MINIMUM CORRIDOR WIDTH 44", 36" if occupancy <50

NO COMMON PATH OF TRAVEL OVER 100'

NO DEAD END CORRIDORS EXCEED 20'

MAXIMUM TRAVEL DISTANCE 250'

BUSINESS

GROUP B

OCCUPANT LOAD 1/100 GROSS

MINIMUM CORRIDOR WIDTH 44", 36" if occupancy <50

NO COMMON PATH OF TRAVEL OVER 100'

NO DEAD END CORRIDORS EXCEED 50'

MAXIMUM TRAVEL DISTANCE 300'

LIFE SAFETY SYMBOLS

NFPA 170

E:SS — EGRESS COMPONENT IDENTIFIER

- EX# = EXIT NUMBER
- HE = HORIZONTAL EXIT
- CP = COMMON PATH OF TRAVEL
- PD = PUBLIC DISCHARGE
- RD = ROOM DOOR
- ES = ESCAPE

00 > SS — TRAVEL DISTANCE SYMBOL

- EGRESS COMPONENT DISTANCE TO

<00> — EGRESS COMPONENT CAPACITY

<<00>> — GOVERNING COMPONENT CAPACITY

- CAPACITY

0 / 0 — OCCUPANCY CAPACITY SYMBOL

- SQUARE FEET PER PERSON
- NET AREA (SQUARE FEET)

- FFPC=FLORIDA FIRE PREVENTION CODE
- FBC =FLORIDA BUILDING CODE

CODE SECTION — GOVERNING CODE REFERENCE

- EXIT ACCESS
- EXIT
- EXIT DISCHARGE
- = 20 MIN RATED
- = 30 MIN RATED
- = 45 MIN RATED
- = 1 HOUR
- = 1.5 HOUR
- = 2 HOUR

Wall Ratings shown are for Life Safety Plan requirements. Not for Building Types.

- 1 HOUR RATED WALL
- 2 HOUR RATED WALL
- SMOKE BARRIER
- 3/4 HOUR RATED
- 1 1/2 HOUR RATED
- FIRE EXTINGUISHER 3-A:40-B:C
- EXIT SIGN
- MANUAL PULL STATION
- PRESSURIZED
- FIRE TEST ID

If this sheet is not 24x36 inches then scale is not as noted.

First Story Mixed Occupant Load

85					29	29	29	171	M1	
	50				16	16	16	100	M2	
		50			16	16	16	101	M3	
			47		15	15	15	93	M4	
					21	21	21	62	B4	
				150	50	50	50	301	Assembly	
85	50	50	46	150	147	147	147	441		
335	165	165	335	165	165	165	335	665	Egress Capacity	
E:EX-M1 RD	E:EX-M2 RD	E:EX-M2 RD	E:EX-M1 RD	E:EX-A RD	E:EX-C1	E:EX-C2	E:EX-CM			

Second Story Mixed Occupant Load

21	21	21	62	B1
16	16	16	50	B2
16	16	16	23	B3
15	15	15	16	R1
21	21	21	16	R2
97	97	97	291	
160	160	160	480	Egress Capacity
E:EX-1	E:EX-2	E:EX-M		

Second Story Separated Assembly

151	151	301	Assembly
151	151	302	
160	160	320	Egress Capacity
E:EX-A1	E:EX-A2		

Portable Fire Extinguishers

First Story

protected area

29,194

4-A:80-B:C	11,250	light
4-A:80-B:C	11,250	light
4-A:80-B:C	11,250	light
	33,750	

Second Story

protected area

29,194

4-A:80-B:C	11,250	light
4-A:80-B:C	11,250	light
4-A:80-B:C	11,250	light
	33,750	

BOAF-AIA-FES Joint Task Force

This demo drawing does not demonstrate Building Code requirements.

This drawing demonstrates how to show a designs Building Code compliance.

Life Safety Plan Demo

5/22/2011

The work shown, to the best of my knowledge and ability, complies with the FLORIDA BUILDING CODE 20## ; ##/##/## supplement and the FLORIDA FIRE PREVENTION CODE 20##.