

TOTAL NUMBER OF REQUIRED PLUMBING FIXTURES :: INTERIOR OCCUPANT LOAD							
OCCUPANCY	OCCUPANTS	WATER CLOSETS		LAVATORIES			
		MEN	WOMEN	MEN	WOMEN		
A-2	127.0	1 PER 40	1.59	1.59	1 PER 75	0.85	0.85
M	34.0	1 PER 500	0.13	0.13	1 PER 750	0.02	0.02
TOTAL	161		2	2		1	1

TOTAL NUMBER OF REQUIRED PLUMBING FIXTURES :: EXTERIOR EVENT SPACE OCCUPANT LOAD							
OCCUPANCY	OCCUPANTS	WATER CLOSETS		LAVATORIES			
		MEN	WOMEN	MEN	WOMEN		
A-2	130.0	1 PER 40	1.63	1.63	1 PER 75	0.87	0.87
TOTAL	130		2	2		1	1

ADDITIONAL EVENT RESTROOM TO BE BROUGHT IN FOR EVENTS.

EGRESS CALCULATIONS		LEVEL 01
MAXIMUM ALLOWABLE TRAVEL DISTANCE	"A+M": 250'-0" [FBC 1017.2] "A": 250'-0" [FFPC 12.2.6] "M": 250'-0" [FFPC 36.2.6] 113'-9" PROVIDED TO EXTERIOR	
COMMON PATH OF TRAVEL	"A+M": 75'-0" [FBC TABLE 1006.2.1, FPC 12.2.5, 36.2.5]	
DEAD END CORRIDOR	"A+M": 20'-0" [FBC 1020.5, FPC 12.2.5, 36.2.5]	
REQUIRED NUMBER OF EXITS [TABLE 1006.2.1, 1006.2.1]	[2] TWO EXIT REQUIRED [TYP EA FLR.] [2] TWO EXIT PROVIDED [MIN EA FLR.]	
REQUIRED EGRESS WIDTH PER OCCUPANT : [36" MIN.] LEVEL [2'] / STAIR [3'] [TABLE 1005.3]	FLOOR = 14" LEVEL REQUIRED FLOOR = 64" LEVEL PROVIDED STAIR = 21" LEVEL REQUIRED STAIR = 64" LEVEL PROVIDED	
EGRESS WIDTH PROVIDED	[2] EXIT/LEVEL = 64" TOTAL	
EXIT SEPARATION CALCULATION [1007.1.1]	DIAGONAL DISTANCE 93'-6" x 1/2 = 46'-9" REQUIRED : 79'-2" PROVIDED	

EGRESS CALCULATIONS		LEVEL 02
MAXIMUM ALLOWABLE TRAVEL DISTANCE	"A+M": 250'-0" [FBC 1017.2] "A": 250'-0" [FFPC 12.2.6] "M": 250'-0" [FFPC 36.2.6] 98'-1" PROVIDED TO EXTERIOR	
COMMON PATH OF TRAVEL	"A+M": 75'-0" [FBC TABLE 1006.2.1, FPC 12.2.5, 36.2.5]	
DEAD END CORRIDOR	"A+M": 20'-0" [FBC 1020.5, FPC 12.2.5, 36.2.5]	
REQUIRED NUMBER OF EXITS [TABLE 1006.2.1, 1006.2.1]	[2] TWO EXIT REQUIRED [TYP EA FLR.] [2] TWO EXIT PROVIDED [MIN EA FLR.]	
REQUIRED EGRESS WIDTH PER OCCUPANT : [36" MIN.] LEVEL [2'] / STAIR [3'] [TABLE 1005.3]	FLOOR = 14" LEVEL REQUIRED FLOOR = 64" LEVEL PROVIDED STAIR = 21" LEVEL REQUIRED STAIR = 64" LEVEL PROVIDED	
EGRESS WIDTH PROVIDED	[2] EXIT/LEVEL = 64" TOTAL	
EXIT SEPARATION CALCULATION [1007.1.1]	DIAGONAL DISTANCE 93'-6" x 1/2 = 46'-9" REQUIRED : 68'-6" PROVIDED	

OCCUPANT LOAD :: LEVEL 01				
#	SPACE FUNCTION	OCCUPANT LOAD FACTOR	AREA [SF]	OCCUPANT LOAD
A1	'A-2' ASSEMBLY UNCONCENTRATED	15 NET	450	30.0
A2	'A-2' ASSEMBLY UNCONCENTRATED	15 NET	160	10.7
A3	COUNTER SEATING	18 LINEAR INCH	313.2	17.4
M1	'M' MERCANTILE	30 GROSS	328	10.9
M2	'M' MERCANTILE	30 GROSS	245	8.2
M3	'M' MERCANTILE	30 GROSS	218	7.3
M4	'M' MERCANTILE	30 GROSS	147	4.9
TOTAL OCCUPANT LOAD :: LEVEL 01				89

OCCUPANT LOAD :: LEVEL 02				
#	SPACE FUNCTION	OCCUPANT LOAD FACTOR	AREA [SF]	OCCUPANT LOAD
A1	'A-2' ASSEMBLY UNCONCENTRATED	15 NET	712	47.5
A2	'A-2' ASSEMBLY UNCONCENTRATED	15 NET	223	14.9
A2	'A-2' ASSEMBLY SERVICE	100 GROSS	92	0.9
A3	'A-2' ASSEMBLY UNCONCENTRATED	15 NET	62	4.1
S1	'S' STORAGE	30	245	8.2
TOTAL OCCUPANT LOAD :: LEVEL 02				76

OCCUPANT LOAD :: LEVEL 03				
#	SPACE FUNCTION	OCCUPANT LOAD FACTOR	AREA [SF]	OCCUPANT LOAD
B	'B' BUSINESS OFFICE	150	226	1.5
S1	'S' STORAGE	300	71	0.2
TOTAL INTERIOR OCCUPANT LOAD :: LEVEL 03				2
TOTAL INTERIOR OCCUPANT LOAD :: LEVEL 01 + 02 + 03				167

OCCUPANT LOAD :: EXTERIOR SPACES				
#	SPACE FUNCTION	OCCUPANT LOAD FACTOR	AREA [SF]	OCCUPANT LOAD
X1+X2	'A-2' ASSEMBLY UNCONCENTRATED	15 NET	1,679	111.9
TOTAL OCCUPANT LOAD :: EXTERIOR SPACES				112
TOTAL OCCUPANT LOAD :: INTERIOR + EXTERIOR				279

LIFE SAFETY CODE LEGEND AND SYMBOLS

D.E. DISTANCE BETWEEN EXITS - LINEAR FT.
D.D. DIAGONAL DISTANCE THRU BUILDING.
T.E. TRAVEL DISTANCE MOST REMOTE POINT.

M.R.P. = MOST REMOTE POINT.

EXIT / ENTRY.

EXIT LIGHT

FIRE EXTINGUISHER

XXXXXXXX - OCCUPANT USE
XXXX - ROOM NUMBER
XX - AREA OR LENGTH
XX - OCCUPANT LOAD
XX - OCCUPANT LOAD FACTOR

GROUP	INTERIOR WALL + CEILING FINISH REQ. BY OCCUPANCY	
A2	INTERIOR EXIT STAIRWAYS, RAMP, EXIT PASSAGEWAYS	B
A2	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMP	B
A2	ROOMS AND ENCLOSED SPACES	C
M	INTERIOR EXIT STAIRWAYS, RAMP, EXIT PASSAGEWAYS	B
M	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMP	C
M	ROOMS AND ENCLOSED SPACES	C

FIRE EXTINGUISHER REQUIREMENTS				
A2	CLASS	2-AC	MAX DISTANCE	75'
M	CLASS	2-A	MAX DISTANCE	75'
			AREA	3,000 SF
			AREA	3,000 SF

No.	Phase Description	Date
1	Permit Documents	01.23.2024
-	-	-
-	-	-
-	-	-
-	-	-

No.	Revision Description	Date
2	Permit Comments	05.24.2024
2	Permit Comments	07.30.2024
-	-	-
-	-	-
-	-	-

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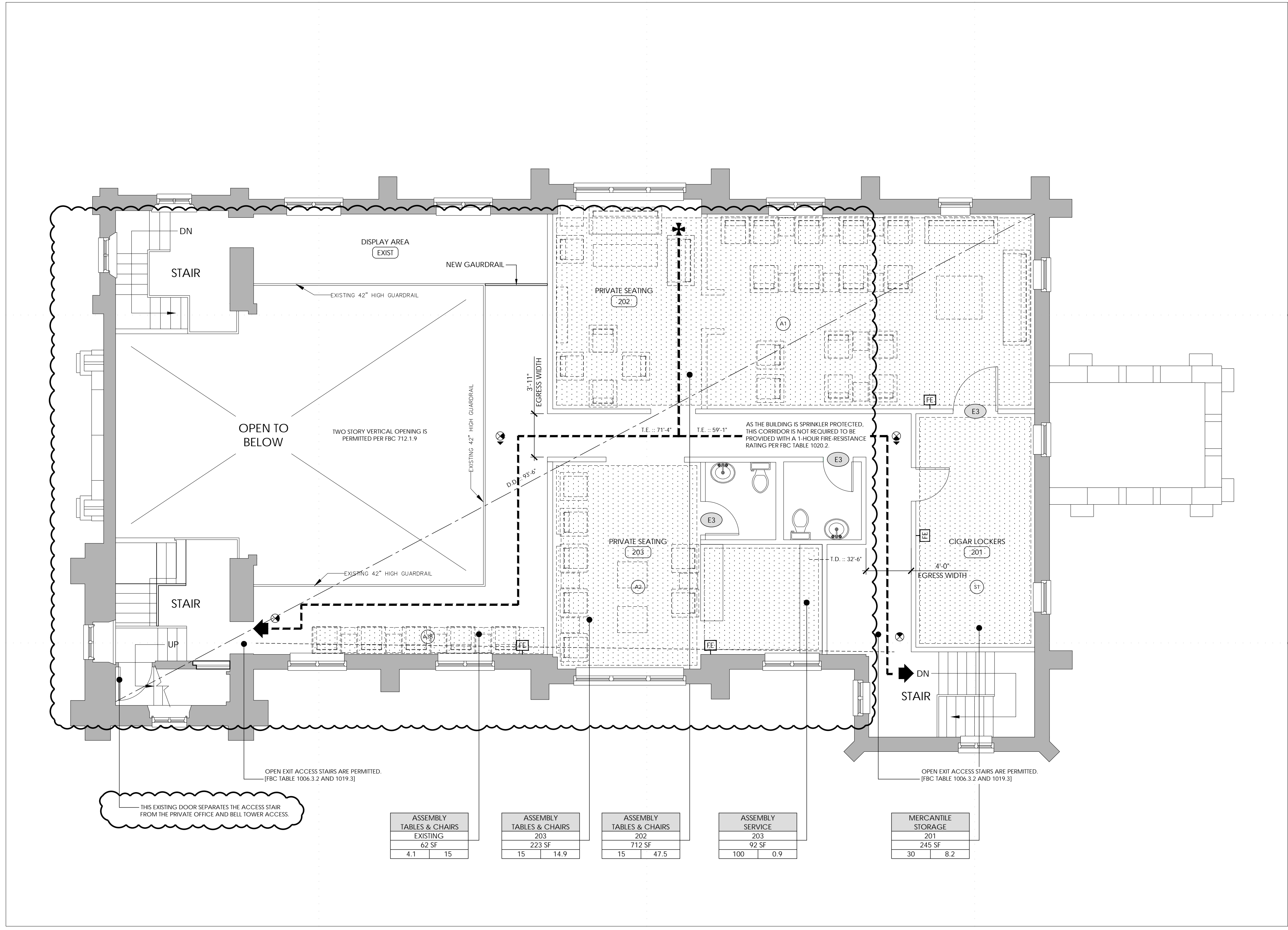
Professional Seal:

John A. Mistretta AR 94004
Project Number: **23.704.01**

Sheet Title:
LIFE SAFETY PLAN : LEVEL 2 ASSEMBLY SECTIONS + CODE SUMMARY
Original size is 24"x36" Copy Reductions N.T.S.

Sheet Number:

A112



ASSEMBLY TABLES & CHAIRS EXISTING	ASSEMBLY TABLES & CHAIRS	ASSEMBLY TABLES & CHAIRS	ASSEMBLY SERVICE	MERCANTILE STORAGE
62 SF	223 SF	712 SF	92 SF	245 SF
4.1	15	15	14.9	8.2