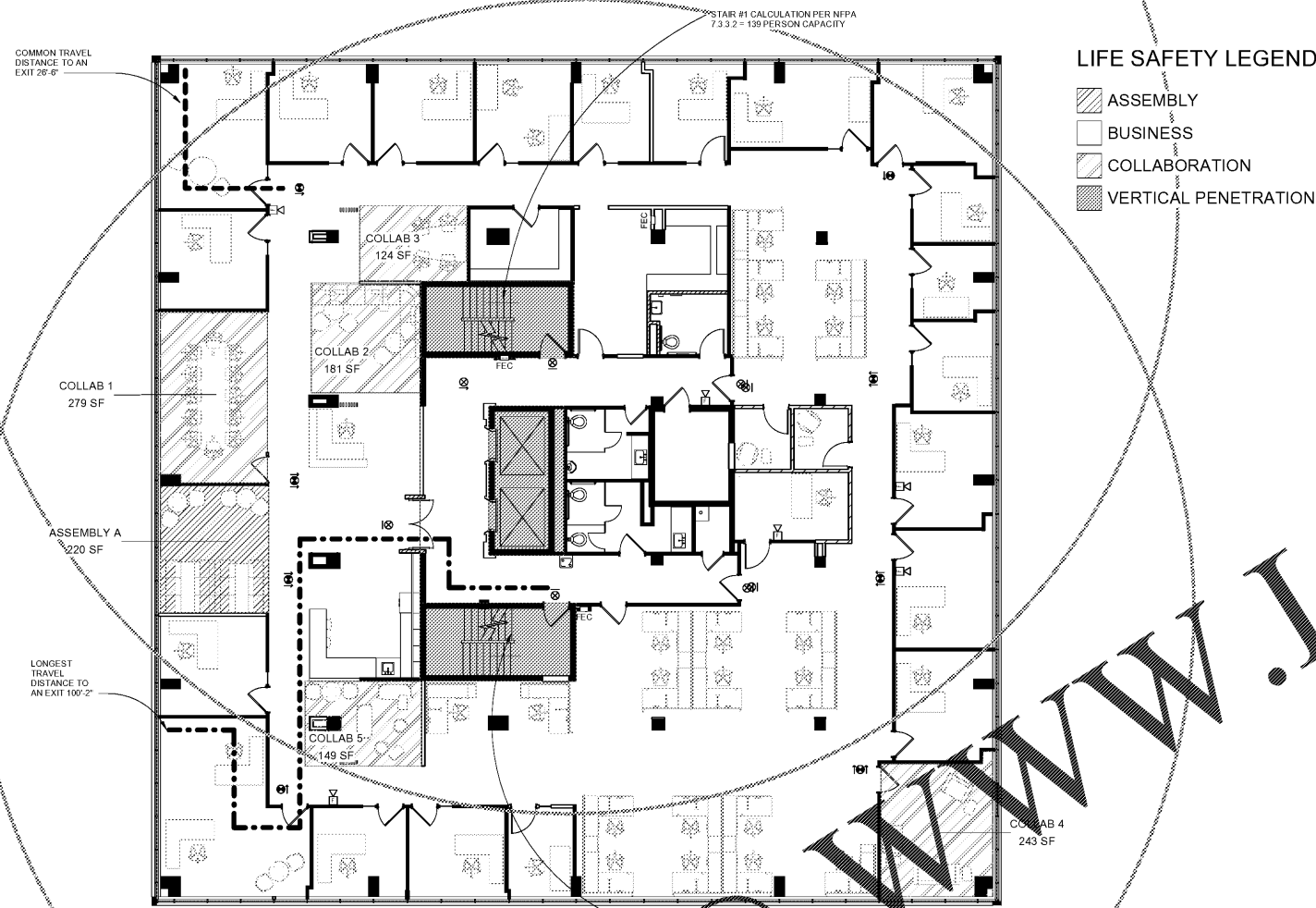


LIFE SAFETY PLAN - FLOOR 6, B-GROUP

OCCUPANT LOAD SCHEDULE



OCCUPANT LOAD - SUMMARY

USAGE TYPE	AREA	SF PER PERSON	CALCULATED LOAD (PER NFPA 101)	COMMENTS
LEVEL 1				
ASSEMBLY	220 SF	15	15	SEE BREAK DOWN BELOW
BUSINESS	8942 SF	150	60	
COLLABORATION	976 SF	30	33	
			10138 SF	107

OCCUPANT LOAD - ASSEMBLY TYPE BREAKDOWN

NAME	AREA	USAGE TYPE	SF PER PERSON	CALCULATED LOAD (PER NFPA 101)
LEVEL 1				
ASSEMBLY A	220 SF	ASSEMBLY	15	15
				15

PROJECT CODE SUMMARY

AREA OF RENOVATION: 10,138 SQ FT

OCCUPANCY USE AND CLASSIFICATION PER 2018 NFPA 101: SECTION 6.1.11, B - BUSINESS OCCUPANCY

OCCUPANCY LOAD FOR THE FLOOR:
REFER TO OCCUPANT LOAD SCHEDULE

OCCUPANT LOAD CALCULATION FOR THE FLOOR PER 2018 NFPA 101 TABLE 7.3.3.1:

FLOOR 6

DOORS: 2 DOORS @ 34.5' EACH (EFFECTIVE WIDTH) = 2 x (34.5' x 0.2) = 345

STAIRS: STAIR #1 & #2: 41.5' WIDE EACH - PER NFPA 7.3.3.2 = 2 x (41.5' x 0.3) = 278

PER NFPA 101 SECTION 7.3.3.2:
IF STAIR WIDTH (Wn) > 44", C = 146.7 + (Wn - 44) / 0.218)

MAXIMUM OCCUPANT LOAD / FLOOR = 278

EXITING REQUIREMENTS FOR A NEW BUSINESS OCCUPANCY PER 2018 NFPA 101 CHAPTER 38:

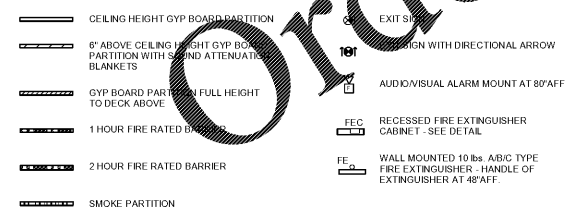
- MIN. NUMBER OF MEANS OF EGRESS REQUIRED FROM THE SUITE: 2
- ARRANGEMENT OF MEANS OF EGRESS: TWO 2-HR FIRE RATED STAIR WELLS
- MAX. TRAVEL DISTANCE: 300' (PER SECTION 38.2.6.3); DISTANCE IS SHOWN ON LIFE SAFETY PLAN AND COMPLIES
- MAX. COMMON PATH OF TRAVEL: 100' (PER SECTION 38.5.3.1); DISTANCE IS SHOWN ON LIFE SAFETY PLAN AND COMPLIES
- MAX. DEAD END CORRIDOR: 50' (PER SECTION 38.2.5.2.1; CORRIDORS COMPLY)
- MIN. CORRIDOR WIDTH AT MEANS OF EGRESS: 44" (PER SECTION 38.2.3.2; ALL CORRIDORS COMPLY)

MIN. DOOR WIDTH: 32" (PER SECTION 7.2.1.2.3; 36" WIDE DOORS PROVIDE 34" CLEARANCE AND MEET THE 32" REQUIREMENT)

FIRE PROTECTION REQUIREMENTS PER 2018 IBC AND 2018 NFPA 101

- TENANT DEMISING WALLS - NON-RATED PER SECTION 508
- OCCUPANCY SEPARATION - N/A
- CORRIDOR PARTITIONS - NON-RATED PER NFPA 101, SECTION 38.3.6.1(3) (SPRINKLERED)
- WALL PENETRATIONS - NO RATING REQUIRED
- FLOOR PENETRATIONS - TWO HOUR RATED
- OPENING PROTECTIVES - DOORS - NO RATING REQUIRED
- STORAGE ROOMS - NON-RATED PER IBC TABLE 508.4 (NO SEPARATION REQUIRED BETWEEN B AND S-1); NFPA 101 SECTIONS 38.3.2.1/A38.3.2.1 AND 39.3.2.1/A39.3.2.1

LIFE SAFETY LEGEND



PLUMBING REQUIREMENT

LEVEL	TOTAL OCCUPANTS	REQUIRED PROVIDED	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINK	UNISEX ADA RESTROOM
			MALE	FEMALE	MALE	FEMALE			
6	107		3	3	2	2	2	1	1
* COUNT INCLUDES UNISEX RESTROOM			3*	3*	2*	2*	2	1	1

LONGEST TRAVEL DISTANCE TO EXIT: 100'-02" < 300'-0"

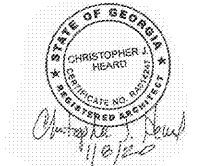
LONGEST COMMON PATH OF TRAVEL: 26'-6" < 100'-0"

SPRINKLERED BUILDING
TRAVEL DISTANCE: 300 FEET MAXIMUM DISTANCE TO EXIT
COMMON PATH OF TRAVEL: 100 FEET MAXIMUM DISTANCE OF COMMON PATH
DEAD-END CORRIDOR: 50 FEET MAXIMUM

Hendrick

1201 Peachtree Street, NE
400 Colony Square, Suite 1900
Atlanta, GA 30361

T: 404.261.9383
F: 404.240.9398
www.hendrickinc.com



No.	Date	Description
1	1/8/2020	ISSUED/RELEASED FOR CONSTRUCTION

Project Name

FRANKLIN STREET
3384 PEACHTREE ROAD
NE, SUITE 650
ATLANTA, GA 30326

ISSUE
ISSUED/RELEASED FOR
CONSTRUCTION

LIFE SAFETY PLAN

MB, OD
Drawn
KO, CJH
Checked
1/8" = 1'-0"
Scale
142-001-01
Project No.

This drawing and all reproductions are the property of Hendrick, Inc. and may be used or reproduced only with the written permission of Hendrick, Inc.

ID-0.1.1
Drawing Number

1/8/2020 3:09:03 PM