



1 SECOND FLOOR LIFE SAFETY PLAN
1/8" = 1'-0"

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PROJECT PROPERTIES

BUILDING PLAN REVIEW:
NEW TWO STORY OFFICE BUILDING, CORE AND SHELL ONLY

BUILDING PROPERTIES	
1. OCCUPANCY CLASSIFICATION: (IBC) (NFPA 101)	NEW BUSINESS OCCUPANCY NEW BUSINESS OCCUPANCY
2. CONSTRUCTION TYPE: (IBC) A=PROTECTED B=UNPROTECTED (NFPA 101)	TYPE II-B TYPE II (000)
3. AREA & HEIGHT LIMITATIONS: (IBC TABLE 503)	2 STORY 13,589 SF/FLR PROVIDED 9,000 SQ.FT./FLOOR x 200% (SPRINKLER) = 27,000 SF/FLR 2 FLOORS + 1 (SPRINKLER) = 3 FLOOR ALLOWED 55'-0" MAXIMUM HEIGHT ALLOWED
4. OCCUPANT LOAD: (NFPA TABLE 7.3.1.2)	13,589 SF./100 = 136 OCCUPANTS 1 OCCUPANT PER 100 SQ.FT. 136 OCCUPANTS PER FLOOR
5. FIRE SUPPRESSION / ALARM: SUPPRESSION:	SPRINKLER WITH ALARM
BUILDING PROPERTIES	
6. FIRE PROTECTION REQUIREMENTS: (IBC TABLE 601)	
SAFETY GLASS: GLASS CURTAIN WALLS, GLASS DOORS, GLASS PARTITIONS, GLASS ELEVATORS, GLASS STAIRWELLS, GLASS ENCLOSURES	0 HOUR
EXTERIOR INTERIOR PARTITIONS	0 HOUR
NON-BEARING WALLS & PARTITIONS:	(SEE IBC TABLE 602)
INTERIOR NON-BEARING WALLS & PARTITIONS:	0 HOUR
FLOOR CONSTRUCTION: INCLUDING SUPPORTING BEAMS & JOISTS	1 HOUR
ROOF CONSTRUCTION: INCLUDING SUPPORTING BEAMS & JOISTS	0 HOUR
(IBC TABLE 602)	
FIRE-RESISTANT RATING FOR EXTERIOR WALLS:	
X < 5	N/A
5 ≤ X < 10	N/A
10 ≤ X < 30	N/A
X ≥ 30	0 HOUR
BUILDING PROPERTIES	
VERTICAL SHAFTS: (IBC 8.6.5 & NFPA 7.1.3.2)	1 HOUR (FOR 3 FLOORS OR LESS)
INCIDENTAL USE: (IBC TABLE 508)	N/A
TENANT SEPARATION: (IBC TABLE 508.4)	N/A
7. EXIT CAPACITY: (NFPA TABLE 7.3.3.1)	
125 OCC./FLR. x 0.2' PER OCCUPANT = 27.2' REQ'D (32' MIN.) (1ST FLOOR)	(2) TWO 68" CLEAR EGRESS DOORS 138' PROVIDED < 32' MIN.
136 OCC./FLR. x 0.3' PER OCCUPANT = 40.8' REQ'D (1ST FLOOR)	34' CLR AT FRONT STAIRWELL 68' CLR AT REAR STAIRWELL 102' PROVIDED > 40.8' MIN.
8. COMMON PATH, DEAD-END, & TRAVEL DISTANCE LIMITS: (NFPA TABLE A.7.6)	
COMMON PATH LIMIT:	100 FT. (SPRINKLERED) PATH 'A.1' = 17'-10" < 100'-0" 0-50 FT. PATH 'B.1' = 22'-11" < 100'-0"
DEAD-END LIMIT:	50 FT. (SPRINKLERED) PATH 'A' = 114'-11" < 300 FT. 300 FT. (SPRINKLERED) PATH 'B' = 108'-3" < 300 FT. PATH 'C' = 56'-8" < 300 FT. PATH 'D' = 60'-1" < 300 FT.

FIRE PROTECTION LEGEND: WALL LEGEND:

WALL MOUNTED EXT SIGN WITH EMERGENCY LIGHTING AND BATTERY BACKUP	NON-RATED METAL STUD WALLS
FIRE EXTINGUISHER (CABINET) INSTALLED & MAINTAINED PER NFPA 1.0	1-HOUR FIRE RATED WALLS
	2-HOUR FIRE RATED WALLS

HOURLY RATE STENCIL NOTE ON FIRE WALLS

- ALL FIRE WALLS SHALL BE PERMANENTLY IDENTIFIED WITH STENCILING ABOVE ALL ACOUSTICAL CEILINGS WITH A MIN. OF 2" HEIGHT LETTERING AT A MAX OF 12'-0" O.C. WITH A MIN. OF ONE PER WALL OR BARRIER.
- THE HOURLY RATING SHALL BE ON ALL RATED BARRIERS OR WALLS.
- ALL FIRE RATED WALL SHALL BE INSTALLED AS DIRECTED BY APPROVED U.L. ASSEMBLIES
- ALL EDGES, VOIDS, JOINTS, & PENETRATIONS SHALL BE SEALED WITH FIRE TAPE & FIRE CAULKING AS DIRECTED BY APPROVED U.L. ASSEMBLIES

SUGGESTED WORDING:
EXAMPLES: * 1 HOUR FIRE WALL - PROTECT ALL OPENINGS*
* 2 HOUR FIRE WALL - PROTECT ALL OPENINGS*
* SMOKE BARRIER* - PROTECT ALL OPENINGS*

- APPLICABLE CODES**
- INTERNATIONAL BUILDING CODE 2018 w/ ALL GEORGIA AMENDMENTS
 - INTERNATIONAL FIRE CODE 2018 w/ ALL GEORGIA AMENDMENTS
 - NATIONAL FIRE PROTECTION ASSOCIATION 'LIFE SAFETY CODE' 101-2012
 - 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
 - RULES AND REGULATIONS OF THE SAFETY FIRE COMMISSIONER CHAPTER 120-3-3 RULES AND REGULATIONS FOR STATE MINIMUM FIRE SAFETY STANDARDS
 - INTERNATIONAL PLUMBING CODE 2018 w/ ALL GEORGIA AMENDMENTS
 - INTERNATIONAL MECHANICAL CODE 2018 w/ ALL GEORGIA AMENDMENTS
 - INTERNATIONAL FUEL GAS CODE 2018 w/ ALL GEORGIA AMENDMENTS
 - NATIONAL ELECTRIC CODE 2017 - NO GEORGIA AMENDMENTS
 - INTERNATIONAL ENERGY CONSERVATION CODE 2015 w/ ALL GEORGIA SUPPLEMENTS AND AMENDMENTS

NOTES

SEE MEP DRAWINGS FOR ADDITIONAL EMERGENCY LIGHTING, POWER & FIRE PROTECTION LAYOUT AND SYSTEMS



JEFFERSON BROWNE GRESHAM ARCHITECTS
130 HUNTERTON ROAD, SUITE 1000
SPARTANBURG, GEORGIA 29599
770-688-9545
JEFFERSONBROWNEARCHITECTS.COM

REVISIONS

NO.	DESCRIPTION
1	PLAN REVIEW DATED 12-30-2019

RENEWED MEDICAL BUILDING
CORE & SHELL ONLY

SOUTH FULTON, GEORGIA
PROJECT #19-29883



PERMIT SET
RELEASE DATE
MARCH 27, 2020

2ND FLOOR
LIFE SAFETY
PLAN

DRAWING TITLE
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Drawn By: JC
Checked By: RG, JB
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