

1 FIRST 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 TABLE 503) (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 9,000 SQ. FT. FLOOR ALLOWED 9,000 SQ. FT. FLOOR x 200% (SPRINKLER) = 27,000 SF/FLR 2 FLOORS + 1 (SPRINKLER) = 3 FLOOR ALLOWED 55'-0" MAXIMUM HEIGHT ALLOWED	2 STORY 13,589 SF/FLR PROVIDED 13,589 SF. FLR x 200% BSSF/FLR MAX 2 FLOOR PROVIDED = 2 FLOORS MAX 40'-0" HEIGHT PROVIDED < 65'-0" MAX 2-STORY TOTAL = 25,000 S.F.
4. OCCUPANT LOAD: (NFPA TABLE 7.3.1.2) 1 OCCUPANT PER 100 SQ. FT.	136 OCCUPANTS 136 OCCUPANTS PER FLOOR
5. FIRE SUPPRESSION / ALARM: SUPPRESSION:	SPRINKLER WITH ALARM

BUILDING PROPERTIES	
6. FIRE PROTECTION REQUIREMENTS: (IBC TABLE 601)	
STRUCTURAL FRAME: COLUMN & GIRDER, BEAMS, TRUSSES	0 HOUR
BEARING WALLS: INTERIOR	0 HOUR
NON-BEARING WALLS & PARTITIONS: INTERIOR	(SEE IBC TABLE 602)
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 5 ≤ X < 10 10 ≤ X < 30 X ≥ 30	N/A N/A N/A 0 HOUR

BUILDING PROPERTIES	
7. EXIT CAPACITY: (NFPA TABLE 7.3.3.1) 136 OCC./FLR. x 0.2' PER OCCUPANT = 27.2' REQ'D (32' MIN.) (1ST FLOOR)	(2) TWO 68" CLR. EXTERIOR EGRESS DOORS (1) ONE 34" CLR. EXTERIOR EGRESS DOOR 136' PROVIDED < 32' MIN. 34" CLR AT FRONT STAIRWELL 34" CLR AT REAR STAIRWELL 170' PROVIDED > 40.8' MIN.
8. COMMON PATH, DEAD-END, & TRAVEL DISTANCE LIMITS: (NFPA TABLE 7.6)	
COMMON PATH LIMIT: 100 FT. (SPRINKLERED)	PATH "A" = 11'-2" FT. < 100'-0" PATH "B" = 20'-1" FT. < 100'-0" 0-50 FT.
DEAD-END LIMIT: 50 FT. (SPRINKLERED)	PATH "A" = 134'-9" < 300 FT. PATH "B" = 128'-7" < 300 FT. PATH "C" = 59'-7" < 300 FT. PATH "D" = 61'-8" < 300 FT.
TRAVEL DISTANCE LIMIT: 300 FT. (SPRINKLERED)	

FIRE PROTECTION LEGEND:	WALL LEGEND:
WALL MOUNTED EXIT SIGN WITH EMERGENCY LIGHTING AND BATTERY BACKUP FIRE EXTINGUISHER (CABINET) INSTALLED & MAINTAINED PER NFPA 10	NON-RATED METAL STUD WALLS 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



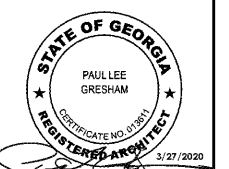
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**REVISIONS**

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

RENEWED MEDICAL BUILDING  
CORE & SHELL ONLY

SOUTH FULTON, GEORGIA  
PROJECT #19-2983



SEAL  
MARCH 31, 2020  
PERMIT SET  
RELEASE DATE

1ST FLOOR  
LIFE SAFETY  
PLAN

DRAWING TITLE

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Drawn By: JC  
Checked By: RG, JB  
PROJECT # 19-2983  
SHEET 03 OF 39

**A-003**