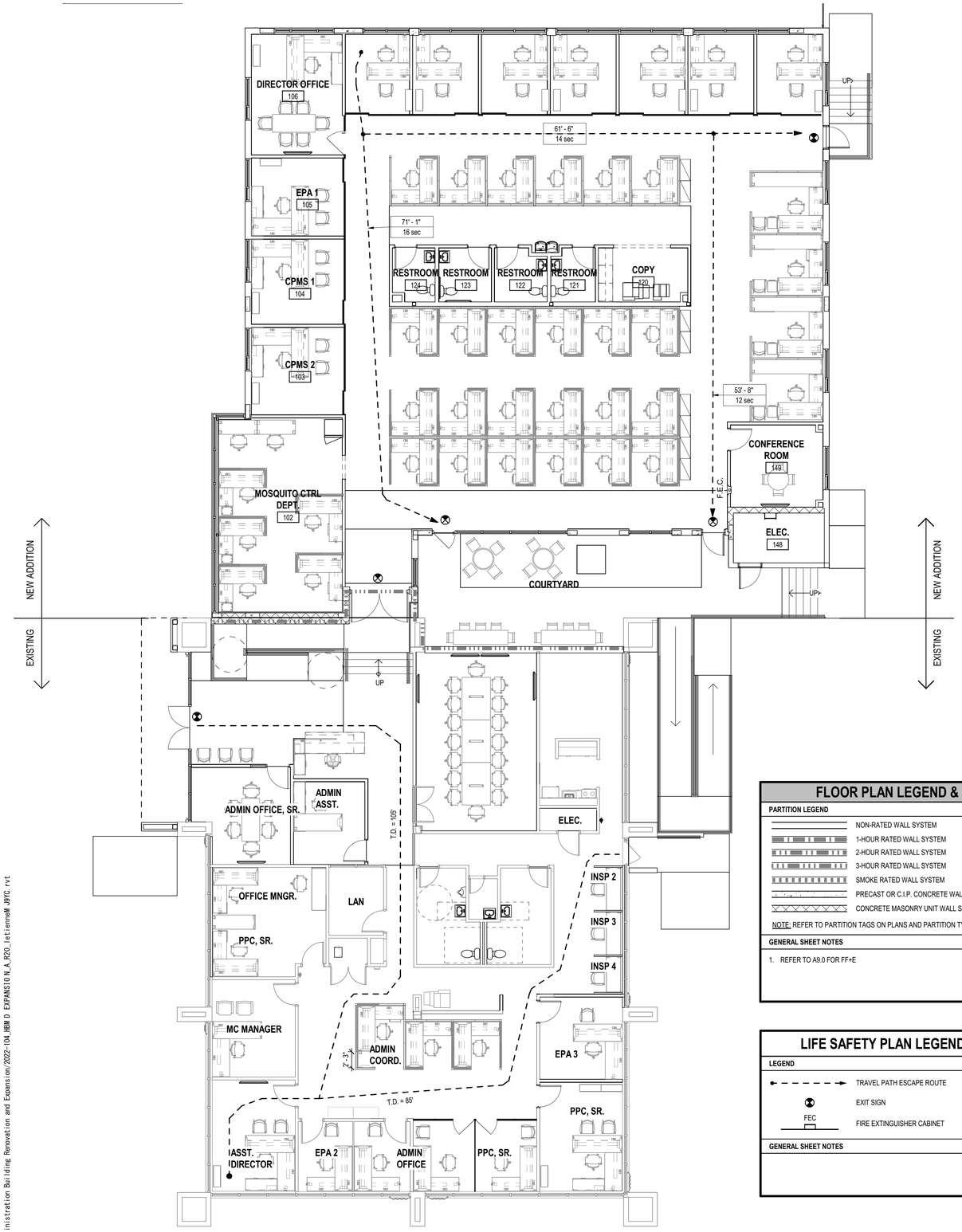


1 OVERALL FIRST FLOOR LIFE SAFETY PLAN

SCALE: 1/8" = 1'-0"

8 0 8 16

SCALE: 1/8" = 1'-0"

## ARCHITECTURAL ABBREVIATIONS

| | |
|---|---|
| ACT | ACOUSTICAL CEILING TILE |
| ADJ | ADJUSTABLE |
| AFF | ABOVE FINISHED FLOOR |
| A.F.S. | ABOVE FLOOR SLAB |
| AHU | AIR HANDLING UNIT |
| ALUM | ALUMINUM |
| ANOD. | ANODIZED |
| ANSI | AMERICAN NATIONAL STANDARDS INSTITUTE |
| APPROX. | APPROXIMATE OR APPROXIMATELY |
| ARCH | ARCHITECTURE, ARCHITECTURAL |
| AVG | AVERAGE |
| A.W.I. | ARCHITECTURAL WOODWORK INSTITUTE |
| BLDG. | BUILDING |
| BM. | BEAM |
| B.O. | BOTTOM OF |
| B.U.R. | BUILT-UP ROOFING |
| C.J. | CONTROL JOINT |
| CLG. | CEILING |
| CLR. | CLEAR |
| CLO. | CLOSET |
| CMU | CONCRETE MASONRY UNIT |
| COL. | COLUMN |
| COLS. | COLUMNS |
| CONC. | CONCRETE |
| CONT. | CONTINUOUS |
| DWG. | DRAWING |
| EA. | EACH |
| E.F.S. | EXTERIOR FACE OF SHEATHING |
| E.J. | EXPANSION JOINT |
| ELEC. | ELECTRIC, ELECTRICAL |
| ELEV. | ELEVATION |
| E.O.S. | EDGE OF SLAB |
| ENG. | ENGINEER, ENGINEERING |
| E.P. | ELECTRICAL PANEL |
| EPDM | ETHYLENE PROPYLENE DIENE MONOMER |
| EQ. | EQUAL |
| EQUIP. | EQUIPMENT |
| E.R.D. | EMERGENCY ROOF DRAIN |
| E.T.D. | ESTIMATED TRAVEL DISTANCE |
| E.W.C. | ELECTRIC WATER COOLER |
| EXIST. | EXISTING |
| EXP. | EXPANSION, EXPOSED |
| EXT. | EXTERIOR |
| F.D. | FIRE DAMPER, FLOOR DRAIN |
| FDC | FIRE DEPARTMENT CONNECTION |
| FDN. | FOUNDATION |
| FE | FIRE EXTINGUISHER |
| FEC | FIRE EXTINGUISHER CABINET |
| F.F. | FINISHED FLOOR |
| F.F.E. | FINISHED FLOOR ELEVATION |
| FHC | FIRE HOSE CABINET |
| FIN. | FINISH, FINISHED |
| FLR. | FLOOR |
| F.O. | FACE OF |
| F.O.B. | FACE OF BRICK |
| F.O.P. | FACE OF POST |
| FT. | FEET |
| FTG. | FOOTING |
| F.V. | FIELD VERIFY |
| FRP | FIBER REINFORCED PANEL |
| MATL. | MATERIAL |
| MAX. | MAXIMUM |
| MECH | MECHANICAL |
| MEP | MECHANICAL, ELECTRICAL & PLUMBING |
| MFGR. | MANUFACTURER |
| MGR. | MANAGER |
| MIN. | MINIMUM |
| MISC. | MISCELLANEOUS |
| M.O. | MASONRY OPENING |
| MOD | MODIFIED |
| MTL | METAL |
| MWP | METAL WALL PANEL |
| NO. | NUMBER |
| N/A | NOT APPLICABLE |
| NFPA | NATIONAL FIRE PROTECTION ASSOCIATION |
| N.I.C. | NOT IN CONTRACT |
| N.T.S. | NOT TO SCALE |
| O.C. | ON CENTER |
| O.D. | OUTSIDE DIAMETER |
| OFCI | OWNER FURNISHED CONTRACTOR INSTALLED |
| OPG | OPENING |
| OPP. | OPPOSITE |
| OSHA | OCCUPATIONAL SAFETY AND HEALTH ACT |
| OVHD | OVERHEAD |
| PLYWD. | PLYWOOD |
| PNL. | PANEL |
| PR. | PAIR |
| PRE-FAB | PRE-FABRICATED |
| PSF | POUNDS PER SQUARE FOOT |
| PSI | POUNDS PER SQUARE INCH |
| PT | PAINT, PRESSURE TREATED |
| PVC | POLYVINYL CHLORIDE |
| Q.T. | QUARRY TILE |
| R | RADIUS |
| R.A.F. | RAISED ACCESS FLOOR |
| R.A.G. | RETURN AIR GRILLE |
| RB | RUBBER BASE |
| RECEP. | RECEPTION, RECEPTIONIST |
| REF | REFRIGERATOR, REFER, REFERENCE |
| REINF | REINFORCING, REINFORCEMENT |
| REQ'D. | REQUIRED |
| REV. | REVISED, REVISION |
| R.D. | ROOF DRAIN |
| R.O. | ROUGH OPENING |
| STL. | STEEL |
| STOR. | STORAGE |
| STRUCT | STRUCTURAL, STRUCTURE |
| SUSP. | SUSPENDED |
| SQ. | SQUARE |
| T&G | TONGUE & GROOVE |
| TEL. | TELEPHONE |
| TG | TEMPERED GLASS |
| T.O.STL. | TOP OF STEEL |
| T.O.B. | TOP OF BRICK, TOP OF BEAM |
| T.O.S. | TOP OF STEEL, TOP OF SLAB |
| T.O.SH. | TOP OF SHEATHING |
| T.O.W. | TOP OF WALL |
| TYP. | TYPICAL |

## LIFE SAFETY NOTES

A. ALL INTERIOR FINISHES SHALL COMPLY WITH THE APPLICABLE CHAPTER(S) AND SECTION(S) OF NFPA 101 (LSC).

B. ALL PENETRATIONS IN RATED PARTITIONS SHALL BE PROTECTED PER FBC. 2020 SECTION 712. PENETRATIONS FOR CABLES, CABLES TRAYS, CONDUITS, PIPES, TUBES, COMBUSTION VENTS AND EXHAUST VENTS, WIRES AND SIMILAR ITEMS TO ACCOMMODATE ELECTRICAL, MECHANICAL, PLUMBING, AND COMMUNICATION SYSTEMS THAT PASS THROUGH A WALL, FLOOR, OR FLOOR / CEILING ASSEMBLY CONSTRUCTED AS A FIRE BARRIER SHALL BE PROTECTED BY A FIRE STOP SYSTEM OR DEVICE.

C. FIRE ALARM SYSTEM IS REQUIRED THROUGHOUT. TIE INTO EXISTING.

D. PROVIDE ONE FIRE EXTINGUISHER FOR 3,000 S.F 6,335 SF S.F/ 3,000 S.F. = 2 UNITS REQUIRED & 3 PROVIDED.

E. INSTALL 3D TRIANGLE PROJECTION SIGN ABOVE EACH FIRE EXTINGUISHER 4" TO 6" FROM CEILING GRID.

F. ALL PENETRATIONS IN RATED PARTITIONS SHALL BE PROTECTED PER F.B.C SECTION 710.6, HILTI PRODUCTS OR EQUAL TO BE USED IN ALL RATED WALL PENETRATIONS.

G. EMERGENCY AND EXIT LIGHT TO COMPLY WITH NFPA 101 38.2.8 AND 38.2.9.1

H. GC SHALL MAINTAIN ALL EMERGENCY EGRESS AND PATHWAYS DURING DEMOLITION AND CONSTRUCTION UNTIL COMPLETION OF PROJECT.

## FLOOR PLAN LEGEND & SHEET NOTES

**PARTITION LEGEND**

- NON-RATED WALL SYSTEM
- 1-HOUR RATED WALL SYSTEM
- 2-HOUR RATED WALL SYSTEM
- 3-HOUR RATED WALL SYSTEM
- SMOKE RATED WALL SYSTEM
- PRECAST OR C.I.P. CONCRETE WALL SYSTEM
- CONCRETE MASONRY UNIT WALL SYSTEM

NOTE: REFER TO PARTITION TAGS ON PLANS AND PARTITION TYPE DETAILS

**GENERAL SHEET NOTES**

1. REFER TO A9.0 FOR FF+E

## LIFE SAFETY PLAN LEGEND & SHEET NOTES

**LEGEND**

- TRAVEL PATH ESCAPE ROUTE
- EXIT SIGN
- FEC — FIRE EXTINGUISHER CABINET

**GENERAL SHEET NOTES**

## PROJECT DATA

**APPLICABLE BUILDING CODE:**
FLORIDA BUILDING CODE 7th EDITION 2020
FLORIDA BUILDING CODE 7th EDITION 2020 - EXISTING BUILDING
FLORIDA FIRE PREVENTION CODE 7TH EDITION
NFPA 101 EDITION 2018

**OCCUPANCY TYPE PER FBC:** **"B"** BUSINESS

**TYPE OF CONSTRUCTION:** TYPE III-B (FBC)
**FULLY SPRINKLERED/ FIRE ALARM**

**BUILDING HEIGHT:**
ALLOWABLE: 4 STORIES, 75 FT.
PROVIDED: **1 STORY, 16' - 8"**

**BUILDING GROSS AREA:**
ALLOWABLE: 92,000 SF
PROVIDED: **6,335 SF**

OCCUPANT LOAD PER ***FBC TABLE 1004.5/ NFPA 101 TABLE 7.3.1.2:***

| | NEW: | EXISTING: |
|---|---|---|
| BUSINESS (6,335 SF): | ***150 Gross*** S.F./ Person = 6,335 / 150 = **42** OCCUPANTS | ***150 Gross*** S.F./ Person = 4,800 / 150 = **32** OCCUPANTS |
| | OCCUPANT LOAD: **42** OCCUPANTS | OCCUPANT LOAD: **32** OCCUPANTS |

NUMBER OF MEANS OF EGRESS FOR ***BUSINESS*** OCC. ***- PER NFPA 101.38.2.4/ 101.7.4:***

| REQUIRED | PROVIDED |
|---|---|
| 2 | 3 |

**SCOPE OF WORK:**
WORK CONSISTS OF THE DESIGN AND CONSTRUCTION ADMINISTRATION FOR A ONE STORY APPROXIMATELY 6,335 SF BUILDING ADDITION TO THE EXISTING ONE STORY APPROXIMATELY 4,800 SF ADMINISTRATION BUILDING CURRENTLY OCCUPIED BY THE BROWARD COUNTY PUBLIC WORKS DEPARTMENT, HIGHWAY AND BRIDGE MAINTENANCE DIVISION ("HBMD").

FIRE-RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS:

**BUILDING CODE INFORMATION**

**REQUIRED FIRE RESISTANT RATINGS, TABLE 601, FBC:**

| | |
|---|---|
| STRUCTURAL FRAME | 0 HRS |
| EXTERIOR BEARING WALLS | 0 HRS BASED ON DISTANCE SEPARATION |
| INTERIOR BEARING WALLS | 0 HRS |
| NON-BEARING WALLS & PARTITIONS | 0 HRS |
| FLOORS | 0 HRS |
| ROOFS | 0 HRS |

CORRIDOR WALLS: 0 HRS -FIRE SPRINKLERS PER FBC TABLE 1018.1

**DISTANCE SEPARATION TABLE 602, FBC FOR GROUP 'B':**

| | |
|---|---|
| < 5 FT | : 3 HRS |
| > 5 FT, < 10 FT | : 2 HRS |
| > 10 FT, < 20 FT | : 2 HRS |
| > 20 FT, < 30 FT | : 1 HRS |
| OVER 30 FT | : 0 HRS |

**FLAME SPREAD:**
WALLS AND CEILING FINISHES: CLASS "C" MINIMUM FOR ALL INTERIOR ROOMS/SPACES - F.B.C. 803.11 & NFPA 101 (LSC)
INTERIOR FLOOR COVERING: COMPLY WITH THE REQUIREMENTS OF THE DOC-FF-1 "PILL TEST" IN ALL OCCUPANCIES

# DRC SUBMITTAL
# HBMD ADMIN BUILDING EXPANSION
BROWARD COUNTY
1600 BLOUNT RD
POMPANO BEACH FL, 33069

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Project No. : 2022-104
Drawn By : LE
Checked By : CW
Date: 06.26.2023

REVISIONS

FIRST FLOOR LIFE SAFETY PLAN

LS1.01

DRC
PZ23-11000012
08/16/2023

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