

OVERALL DIAGONAL OF 2ND FLOOR = 85'-0"
1/3 DIAGONAL = 32'-0"

EGRESS TRAVEL:
-EXIT 'A' = 114'-0" + 17'-0"
@ 1ST FLOOR = 131'-0"
-EXIT 'B' = 93'-0"

EGRESS TRAVEL:
-EXIT 'A' = 71'-0" + 17'-0"
@ 1ST FLOOR = 88'-0"
-EXIT 'B' = 118'-0"

EXIT 'A'
-REQUIRED EXIT
-EGRESS WIDTH = 36'
-EGRESS CAPACITY =
36 / 0.2 = 180 OCC

EXIT 'B'
-REQUIRED EXIT
-EGRESS WIDTH = 36'
-EGRESS CAPACITY =
36 / 0.2 = 180 OCC

EGRESS DATA

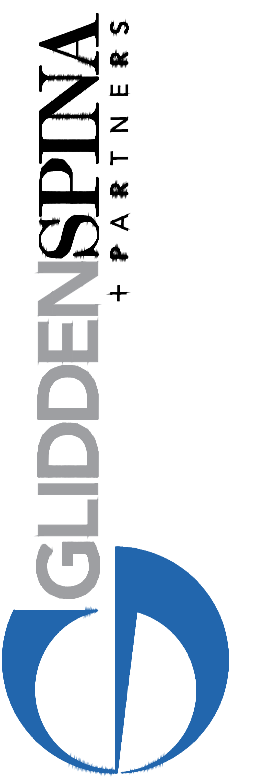
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ARRANGEMENT OF EXITS AND EXIT CAPACITY:	
MAX. TRAVEL DISTANCE -	300' (NFPA 101, 38.2.6 & IBC TABLE 1016.1) (215'-0" MAX PROVIDED)
MAX DEAD END CORRIDOR -	50' (NFPA & IBC) (N/A)
COMMON PATH OF TRAVEL -	100' MAX (NFPA & IBC) (41'-0" MAX PROVIDED)
EXIT CAPACITY PER LEVEL:	0.2 INCHES PER PERSON: 1ST FLOOR: 447 PERSONS X 0.2 = 89.4' REQUIRED (PROVIDED 144')
2ND FLOOR:	29 PERSONS X 0.2 = 5.8' REQUIRED (PROVIDED 72')
REQUIRED NUMBER OF EXITS:	TWO EXITS REQUIRED OVER 5,000 SF PER TABLE 1015.1 IN IBC 2014 (5 BUILDING EXITS PROVIDED - EXITS 'A'/'B' ADDITIONAL 6 CLASSROOM EXITS NOT LABELLED)

LEGEND

- X' EXIT TRAVEL DISTANCE WITH SEGMENT POINTS
- X' COMMON PATH OF TRAVEL WITH SEGMENT POINTS
- EXIT SEPARATION
- 1 HOUR FIRE WALL
- SEMI-RECESSED FIRE EXTINGUISHER CABINET EQUAL TO LARSEN OCCULT SERIES 550-2400-R-4 SEMI RECESSED, SOLID DOOR STYLE, STAINLESS STEEL FINISH WITH BLACK TYPE 'A' LETTERS IN VERTICAL PATTERN, EQUIPPED W/ LARSEN MP-10 EXTINGUISHER (2A-10B-C) AND RECESSED HANDLE
- ALL FIRE EXTINGUISHERS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 10.
- FIRE EXTINGUISHER, LARSEN MP-10 EXTINGUISHER (2A-10B-C)
- EXIT SIGN AND DIRECTION OF TRAVEL

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

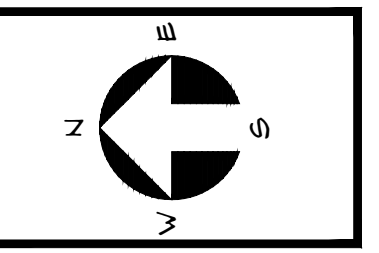


Architecture - Interior Design
Keith M. Spina # AH13019

New Building For:
OPPORTUNITY INC.
EARLY LEARNING CENTER
4171 Westgate Avenue
Palm Beach County, Florida

Revisions:

Project no: 14224
Date: 09.09.16
Drawn by: WS
Project Architect: WC / DR



LS.2
09.09.16 BID/PERMIT

SECOND FLOOR LIFE SAFETY PLAN