LIFE SAFETY SUMMARY CHART

PER IBC TABLE 1004.1.2

	OCCUPANCY CLASSIFICATION FOR EGRESS	PROPOSED AREA SF	SF PER OCCUPANT	OCCUPANT LOAD	EGRESS WIDTH REQUIRED (HORIZONTAL)	EGRESS WIDTH PROVIDED (HORIZONTAL)	
	DAYCARE	3,618.7	35 NET	104	0.2 X 104 = 20.8"	192"	IBC TABLE 1016.2 REQUIRES THAT THE MAXIMUM EXIT ACCESS TRAVEL DISTANCE NOT EXCEED 200 FEET NO TRAVEL DISTANCE EXCEEDS THIS DISTANCE
	ACCESSORY	367.9	300 GROSS	2	0.2 X 2 = .4"	128"	
	PLAYGROUND	628.6	45 NET	14	0.2 X 14 = 2.8"	64"	
	BUSINESS	370	100 GROSS	4	0.2 X 4 = .8"	128"	
	TOTAL			124	0.2 X 124 = 24.8"	349"	

LIFE SAFETY LEGEND

00 / 00"	EXIT WIDTH INDICATOR (SHOWING CLEAR WIDTH OF OPENING AND NUMBER OF OCCUPANTS THAT CLEAR WIDTH CAN SERVE PER CODE)
TRAVEL DISTANCE	TRAVEL DISTANCE INDICATOR (SHOWING EXIT ACCESS TRAVEL DISTANCE FROM MOST REMOTE POINTS IN EACH AREA)
FE	FIRE EXTINGUISHER (WALL MOUNTED)
	COMBO EXIT/EMERGENCY SIGN (SEE ELEC DWGS) - WALL MOUNT ABOVE DOOR

NOTE: COORDINATE WITH ELECTRICAL DRAWINGS FOR EMERGENCY LIGHT LAYOUT

LIFE SAFETY NOTES

1. RATINGS FOR STRUCTURAL ELEMENTS SHALL BE PER SUMMARY ON SHEET A000
2. FIRE EXTINGUISHERS SHALL BE LOCATED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 10 AND SECTION 12-6 OF NFPA OF THE FFPC
3. CONSTRUCTION BARRICADES ARE TO BE INSTALLED TO PREVENT ACCESS BY UNAUTHORIZED PERSONNEL TO THE CONSTRUCTION AREA. BARRICADES SHALL BE CONSTRUCTED IN A MANNER TO PREVENT DEMOLITION/CONSTRUCTION DEBRIS AND DUST FROM CONTAMINATING ADJACENT OCCUPIED AREAS
4. MAINTAIN FIRE EGRESS AT ALL TIMES THROUGHOUT THE COURSE OF THIS WORK
5. EXIT DOOR TACTILE SIGNAGE. TACTILE SIGNAGE SHALL BE PROVIDED TO MEET THE FOLLOWING CRITERIA:
   (1) TACTILE SIGNAGE SHALL BE LOCATED AT EACH EXIT DOOR REQUIRING AN EXIT SIGN.
   (2) TACTILE SIGNAGE SHALL READ AS FOLLOWS: EXIT
   (3) TACTILE SIGNAGE SHALL COMPLY WITH ICC/ANSI A117.1
6. INTERIOR EXIT STAIRWAYS SHOULD BE TREATED AS AN EXIT PASSAGE WAY AS PER CODE FBC 1023.1 WITH FIRE BARRIERS WITH A FIRE RATING OF 1HR PER FBC TABLE 707.3.10. ELEVATORS SHALL NOT OPEN INTO THE EXIT PASSAGEWAY.
7. FIRE PROTECTION TREATMENT ON THE INTERIOR EXIT STAIRWAYS MOST CONTINUE FROM FLOOR FOUNDATION THROUGH WALLS AND NEXT FLOOR/ROOF LEVEL.

IBC 2018
CODE REVIEW

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 906 - PORTABLE FIRE EXTINGUISHERS

SECTION 906.1.
1. REQUIRED FOR GROUP A. SEE 01/A-003 FOR LOCATIONS
2. WITHIN 30 FEET OF COMMERCIAL COOKING EQUIPMENT (PROVIDED IN THE KITCHEN AREA)

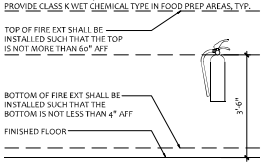
SECTION 906.2 PORTABLE FIRE EXTINGUISHERS SHALL BE SELECTED AND INSTALLED IN ACCORDANCE WITH SECTION 906 AND NFPA 10

PER TABLE 906.3(1) MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER FOR CLASS A FIRE HAZARDS: 75 FEET (PROVIDED IN THE SEATING AREA)

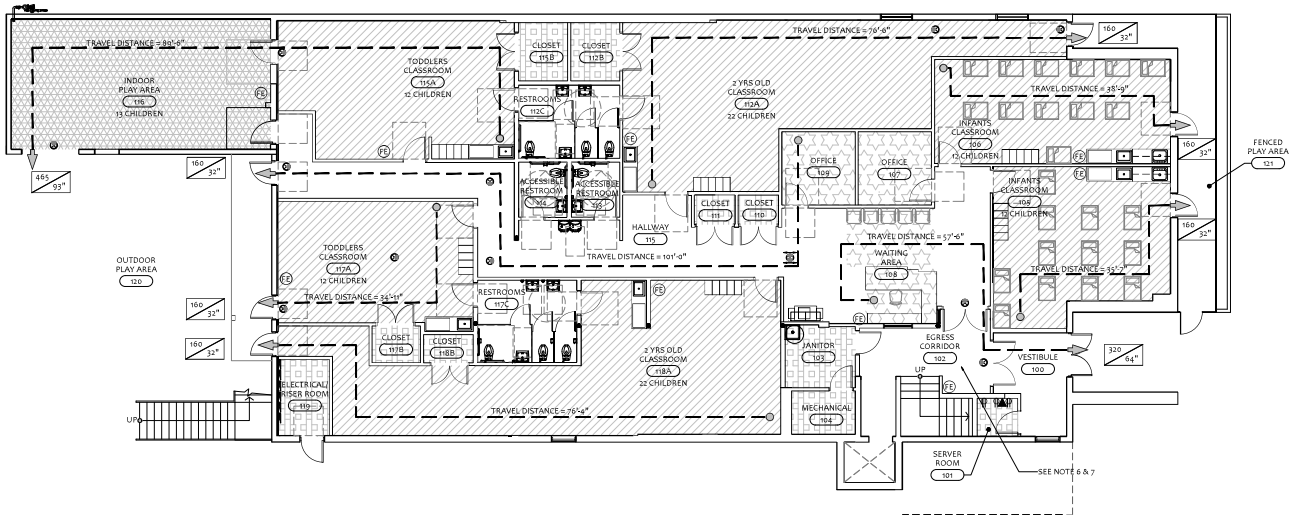
INSTALLATION OF FIRE EXTINGUISHERS SHALL COMPLY WITH INTERNATIONAL FIRE CODE (IFC) AND NFPA 10 2013 EDITION: STANDARDS FOR PORTABLE FIRE EXTINGUISHERS.

PROVIDE WALL MOUNTED, PORTABLE FIRE EXTINGUISHERS AS INDICATED ON THE PLAN.

PROVIDE ABC DRY CHEMICAL TYPE 3A-40BC, OR EQUIVALENT, LIGHT HAZARD EXTINGUISHER, TYP.
PROVIDE CLASS K WET CHEMICAL TYPE IN FOOD PREP AREAS, TYP.



02 FIRE EXTINGUISHER DETAIL
1/2" = 1'-0"



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

NORTH

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10 DEC 2018

90% REVIEW SET NOT FOR CONSTRUCTION

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REVISIONS

#	DATE	DESC.
--	12.10.18	90% REVIEW

PROJECT NAME:

KIDDIE ACADEMY
420 S. Orlando Ave.
Winter Park, FL 32789

PROJECT CLIENT:

420 WINTER PARK, LLC

DATE: 10 DEC 2018	DRAWN BY: MR
JOB NAME: -.-	CHECKED BY: NW
First Floor Life Safety Plan	A-003

LIFE SAFETY NOTES

1. RATINGS FOR STRUCTURAL ELEMENTS SHALL BE PER SUMMARY ON SHEET A000
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LIFE SAFETY SUMMARY CHART

PER IBC TABLE 1004.1.2

	OCCUPANCY CLASSIFICATION FOR EGRESS	PROPOSED AREA SF	SF PER OCCUPANT	OCCUPANT LOAD	EGRESS WIDTH REQUIRED (HORIZONTAL)	EGRESS WIDTH PROVIDED (HORIZONTAL)	
	DAYCARE	3,800	35 NET	109	0.2 X 109= 21.8"	96"	IBC TABLE 1016.2 REQUIRES THAT THE MAXIMUM EXIT ACCESS TRAVEL DISTANCE NOT EXCEED 200 FEET. NO TRAVEL DISTANCE EXCEEDS THIS DISTANCE
	ACCESSORY	438	300 GROSS	2	0.2 X 2 = .4"	96"	
	ASSEMBLY	299	15 NET	20	0.2 X 20 = 4"	96"	
	WARMING KITCHEN	400	200 NET	2	0.2 X 2 = .4"	96"	
	TOTAL			133	0.2 X 133 = 26.6"	384"	

LIFE SAFETY LEGEND

00 / 00"	EXIT WIDTH INDICATOR (SHOWING CLEAR WIDTH OF OPENING AND NUMBER OF OCCUPANTS THAT CLEAR WIDTH CAN SERVE PER CODE)
TRAVEL DISTANCE	TRAVEL DISTANCE INDICATOR (SHOWING EXIT ACCESS TRAVEL DISTANCE FROM MOST REMOTE POINTS IN EACH AREA)
FE	FIRE EXTINGUISHER (WALL MOUNTED)
	COMBO EXIT/EMERGENCY SIGN (SEE ELEC DWGS) - WALL MOUNT ABOVE DOOR

NOTE: COORDINATE WITH ELECTRICAL DRAWINGS FOR EMERGENCY LIGHT LAYOUT

IBC 2018
CODE REVIEW

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 906 - PORTABLE FIRE EXTINGUISHERS

SECTION 906.1.
1. REQUIRED FOR GROUP A. SEE 01/A-003 FOR LOCATIONS
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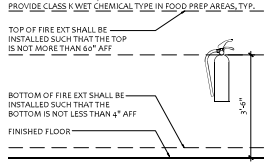
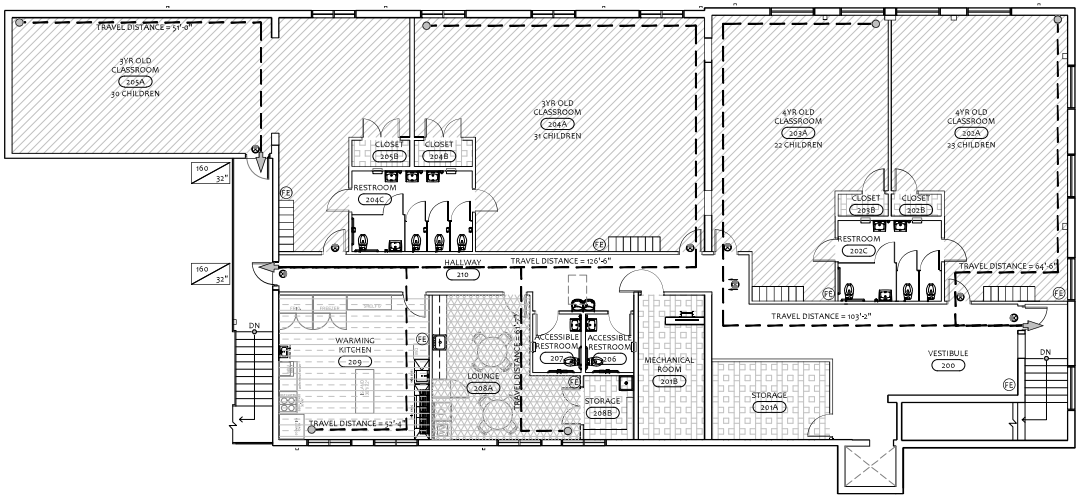


02 FIRE EXTINGUISHER DETAIL
1/2" = 1'-0"



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

NORTH

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Second Floor Life Safety Plan	A-004