

WALL LEGEND:

- UNRAISED WALL
- 1 HR. WALL
- 2 HR. WALL

DOOR LABELS:

- Ⓟ 1' LABEL (90 Min.)
- Ⓞ 1' LABEL (45 Min.)
- Ⓢ 20 MIN. DOOR
- Ⓢ 60 MIN. DOOR
- Ⓢ NOT RATED

OCCUPANT LOAD BUILDING ONE

Business Areas (100 s.f. per occ. gross)	Assembly w/ fixed seats (16' per occ. net)	Education Areas (20 s.f. per occ.)	Storage Areas (100 s.f. per occ. gross)	Total
Floor Area	Area	Area	Area	Floor Area
1 3859	39	12052	670	13393
2 1124	11	2046	589	741
TOTAL	39	1393	1269	2800

OCCUPANT LOAD BUILDING TWO

Business Areas (100 s.f. per occ. gross)	Assembly Areas (16' per occ. net)	Education Areas (20 s.f. per occ.)	Storage Areas (100 s.f. per occ. gross)	Kitchen Areas (200 s.f. per occ. gross)	Total
Floor Area	Area	Area	Area	Area	Floor Area
1 1124	11	2046	589	741	2511
TOTAL	11	2046	589	741	3487

EGRESS CALCULATION :

AN AUTOMATIC SPRINKLER SYSTEM IS REQUIRED
EXIT CALCULATIONS: BUILDING ONE
LEVEL EGRESS: ASSEMBLY / ASSEMBLY

R. SIDE DOOR 68" WIDTH / 2 = 340 PERSONS
L. SIDE DOOR 1, 32" WIDTH / 2 = 160 PERSONS
FRONT DOOR 68" WIDTH / 2 = 340 PERSONS
FRONT ENTRY STAIRS 2(51") = 102 WIDTH / .3 = 340 PERSONS
TOTAL LEVEL EGRESS GROUND LEVEL = 1000 PERSON CAPACITY

AN AUTOMATIC SPRINKLER SYSTEM IS REQUIRED
EXIT CALCULATIONS: BUILDING ONE
LEVEL EGRESS: BUSINESS / EDUCATION / STORAGE AREAS

FRONT DOOR 34" WIDTH / 2 = 170 PERSONS
REAR DOOR 48" WIDTH / 2 = 170 PERSONS
SIDE DOOR 68" WIDTH / 2 = 340 PERSONS
TOTAL LEVEL EGRESS GROUND LEVEL = 680 PERSON CAPACITY

AN AUTOMATIC SPRINKLER SYSTEM IS REQUIRED
EXIT CALCULATIONS: BUILDING TWO
LEVEL EGRESS: ASSEMBLY / KITCHEN / BUSINESS AREAS

SIDE DOOR 1, 68" WIDTH / 2 = 340 PERSONS
SIDE DOOR 2, 68" WIDTH / 2 = 340 PERSONS
REAR DOOR 34" WIDTH / 2 = 170 PERSONS
TOTAL LEVEL EGRESS GROUND LEVEL = 850 PERSON CAPACITY

NOTE: EVERY ASSEMBLY ROOM OR SPACE SHALL HAVE THE OCCUPANT LOAD ON THE FLOOR DESIGNATED IN A CONSPICUOUS PLACE. NEAR THE MAIN ENTRANCE OR EXIT. THE OCCUPANT LOAD SIGN SHALL BE PERMANENTLY MAINTAINED BY OWNER'S AUTHORIZED AGENT AS PER FBC 1004.3, 2004 AND REFER TO NFPA 1012.7.9.3

FIRE EXTINGUISHER REQUIREMENTS (SEE DET. 7/A-11.1)
CLASSIFICATION OF HAZARD CONTENTS: N.F.P.A. 101-30.15
LIGHT HAZARD MODERATE OCCUPANCY

MINIMUM RATED SINGLE EXTINGUISHER: 2-A
MAXIMUM FLOOR AREA PER UNIT: 3,000 S.F.
MAXIMUM TRAVE DISTANCE TO EXTINGUISHER: 75'-0"
LIGHT HAZARD AREAS - MIN. ONE (1) EXTINGUISHER PROVIDED
FLAMMABLE STORAGE:

FIRST FLOOR BUILDING ONE:
TOTAL AREA PER FLOOR: 12,888 S.F. / 3,000 S.F. = 4 EXTINGUISHERS
TOTAL PROVIDED: 6 EXTINGUISHERS

FIRST FLOOR BUILDING TWO:
TOTAL AREA PER FLOOR: 4,597 S.F. / 3,000 S.F. = 2 EXTINGUISHERS
TOTAL PROVIDED: 4 EXTINGUISHERS

SECOND FLOOR BUILDING TWO:
TOTAL AREA PER FLOOR: 1,757 S.F. / 3,000 S.F. = 1 EXTINGUISHERS
TOTAL PROVIDED: 1 EXTINGUISHERS

F.E.C. - SEM-RECESSED FIRE EXTINGUISHER CABINET

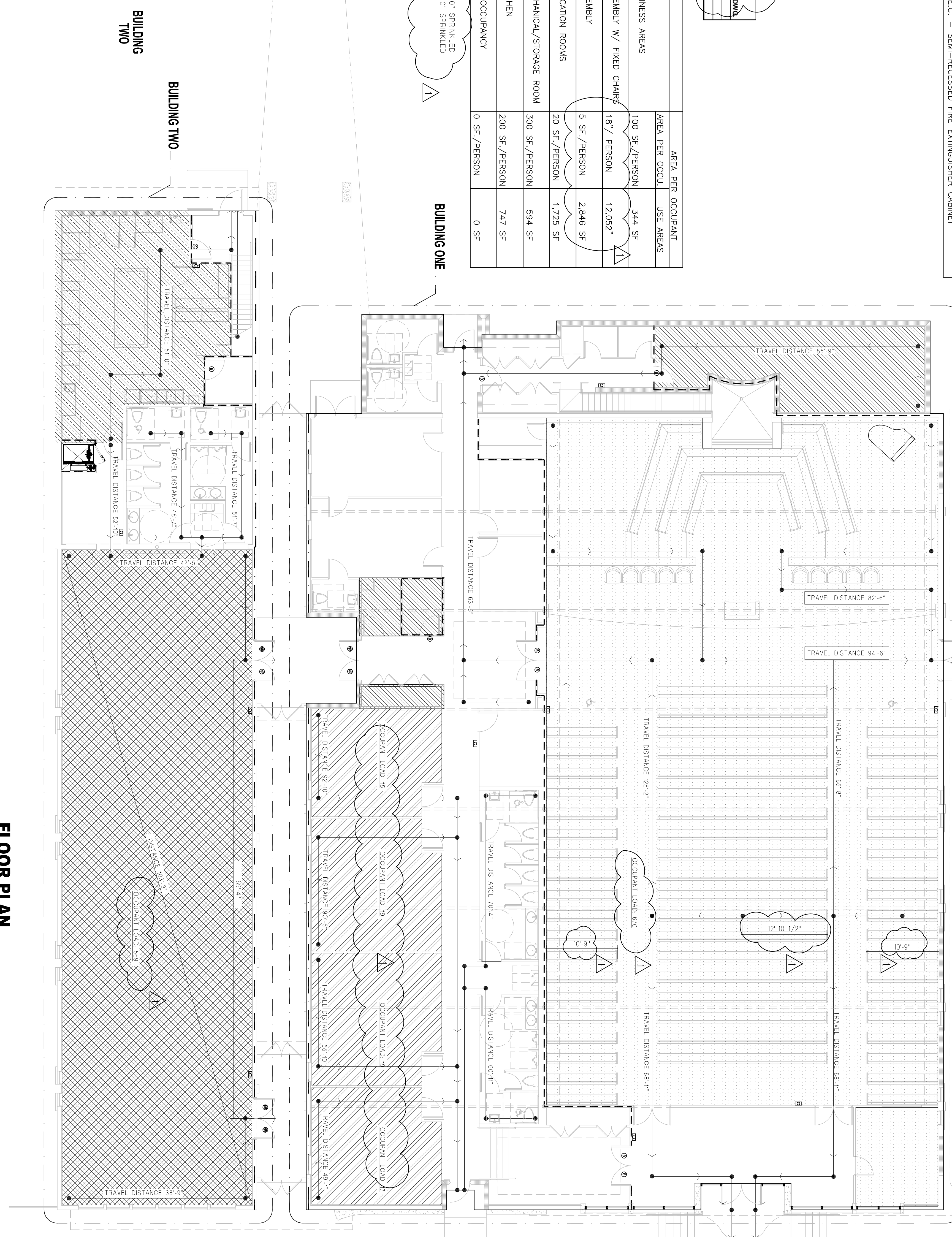
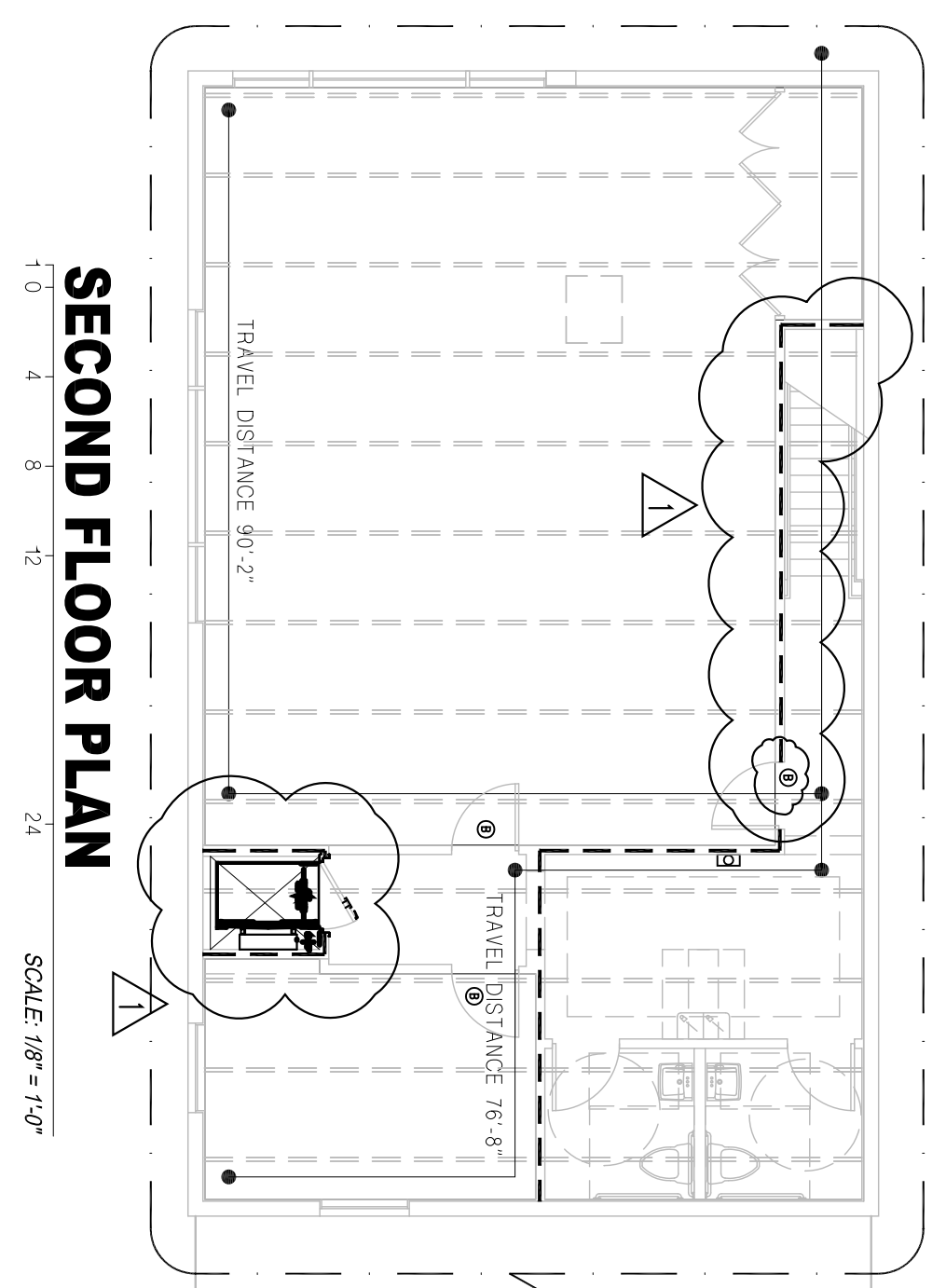
AN AUTOMATIC SPRINKLER SYSTEM IS REQUIRED
EXIT CALCULATIONS: BUILDING TWO
LEVEL EGRESS: SECOND LEVEL

STAR NO. 1
36" CLEAR WIDTH / .3" = 120 PERSONS
TOTAL STAR EGRESS SECOND LEVEL = 120 PERSON CAPACITY

REAR DOOR 34" WIDTH / 2 = 170 PERSONS
TOTAL LEVEL EGRESS GROUND LEVEL = 170 PERSON CAPACITY

NOTE: FIRE SPRINKLER SYSTEM BY OTHERS (N.I.C.)

OCCUPANCY USE:	AREA PER OCCUPANT	USE AREAS
BUSINESS AREAS	100 SF./PERSON	344 SF
ASSEMBLY W/ FIXED CHAIRS	18"/ PERSON	12,052"
ASSEMBLY	5 SF./PERSON	2,846 SF
EDUCATION ROOMS	20 SF./PERSON	1,725 SF
MECHANICAL/STORAGE ROOM	300 SF./PERSON	584 SF
KITCHEN	200 SF./PERSON	747 SF
NO OCCUPANCY	0 SF./PERSON	0 SF



LS-1

DATE: 08-03
DRAWN BY:
CHECKED BY:

LIFE SAFETY PLAN
300 SOUTH ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA

First Haitian Free Church of Nazarene by Faith
ORLANDO, FLORIDA

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