WALL LEGEND:

UNRATED WALL

1 HR. WALL

2 HR. WALL

DOOR LABELS:

(B) 'B' LABEL (90 Min.)

(C) 'C' LABEL (45 Min.)

(20) 20 MIN. DOOR

(60) 60 MIN. DOOR

(NR) NOT RATED

FIRE EXTINGUISHER REQUIREMENTS (SEE DET. 7/A-11.1)

CLASIFICATION 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
FLAMABLE STORAGE.

FIRST FLOOR BUILDING ONE
TOTAL AREA PER FLOOR: 12,688 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. - SEMI-RECESSED FIRE EXTINGUISHER CABINET

AN AUTOMATIC SPRINKLER SYSTEM IS REQUIRED

EXIT CALCULATIONS: BUILDING TWO
LEVEL EGRESS: SECOND LEVEL

STAIR NO. 1
36" CLEAR WIDTH / .3" = 120 PERSONS
TOTAL STAIR 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.)

OCCUPANT LOAD BUILDING ONE

Floor	Business Areas (100 s.f. per occ. gross) Area	Load	Assembly w/ fixed seats (18" per occ. net) Inches	Load	Education Areas (20 s.f. per occ. Area	Load	Storage Areas (300 s.f. per occ. gross) Area	Load	Total Per Floor	DWG.
1	3859	39	12052	670	1393	70	554	2	780	
TOTAL		39		670		70		2	780	

OCCUPANT LOAD BUILDING TWO

Floor	Business Areas (100 s.f. per occ. gross) Area	Load	Assembly Areas Concentrated (5 net) Area	Load	Education Areas (20 s.f. per occ. Area	Load	Storage Areas (300s.f. per occ. gross) Area	Load	Kitchen Areas (200 s.f. per occ. gross) Area	Load	Total Per Floor	DWG.
1			2846	569					744	4	569	
2	1124	11									11	
TOTAL		11		569						4	580	

EGRESS CALCULATION :

AN AUTOMATIC SPRINKLER SYSTEM IS REQUIRED

EXIT CALCULATIONS: BUILDING ONE
LEVEL EGRESS: ASSEMBLY A-3

R. SIDE DOOR 68" WIDTH / .2 = 340 PERSONS
L. SIDE DOOR 1. 32" WIDTH / .2 = 160 PERSONS
L. SIDE DOOR 2. 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

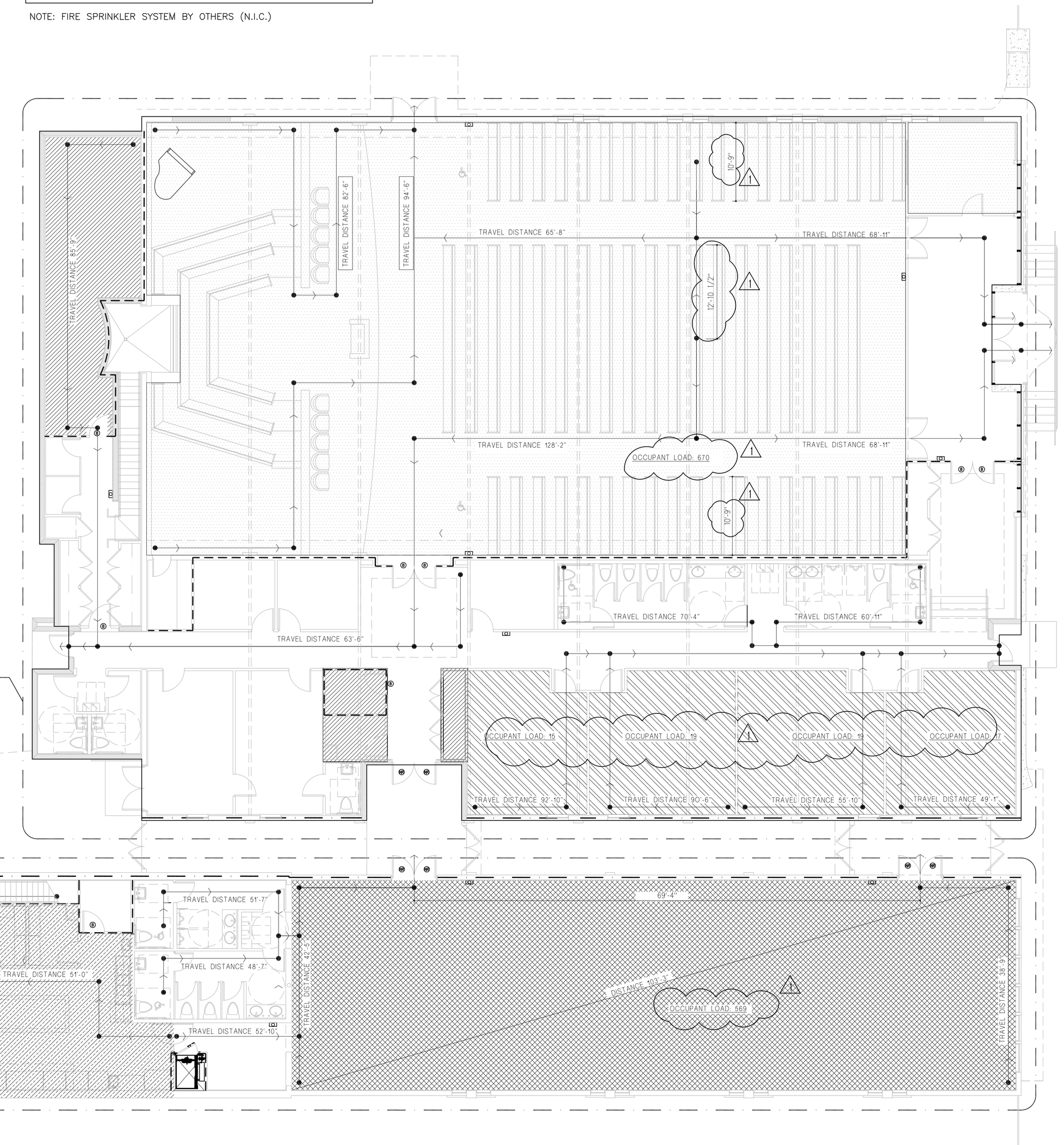
NOTE: EVERY ASSEMBLY ROOM OR SPACE SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OFAN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY OWNEROR AUTHORIZED AGENT. AS PER FBC 1004.3, 2004. AND REFER TO NFPA 101.12.7.9.3

OCCUPANCY USE:		AREA PER OCCUPANT AREA PER OCCU.	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	594 SF
	KITCHEN	200 SF./PERSON	747 SF
	NO OCCUPANCY	0 SF./PERSON	0 SF

DEAD END: 50'-0" SPRINKLED
COMMON PATH : 100'-0" SPRINKLED

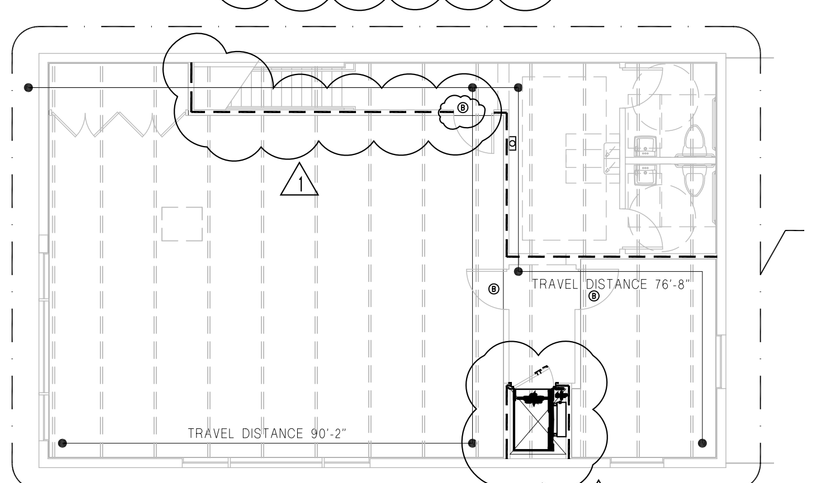
BUILDING ONE

BUILDING TWO



FLOOR PLAN

1 0 4 8 12 24 SCALE: 1/8" = 1'-0"



SECOND FLOOR PLAN

1 0 4 8 12 24 SCALE: 1/8" = 1'-0"

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First Haitian Free Church of Nazarene by Faith
IN
ORLANDO, FLORIDA

FIRST HAITIAN FREE CHURCH OF NAZARENE

308 SOUTH ORANGE BLOSSOM TRAIL
ORLANDO, FLORIDA

LIFE SAFETY PLAN

FLOOR PLAN

REVISIONS:

1 Building Department Comments 03/26/09

COMM. NO. 08-103

DATE:

DRAWN BY:

CHECKED BY:

LS-1

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