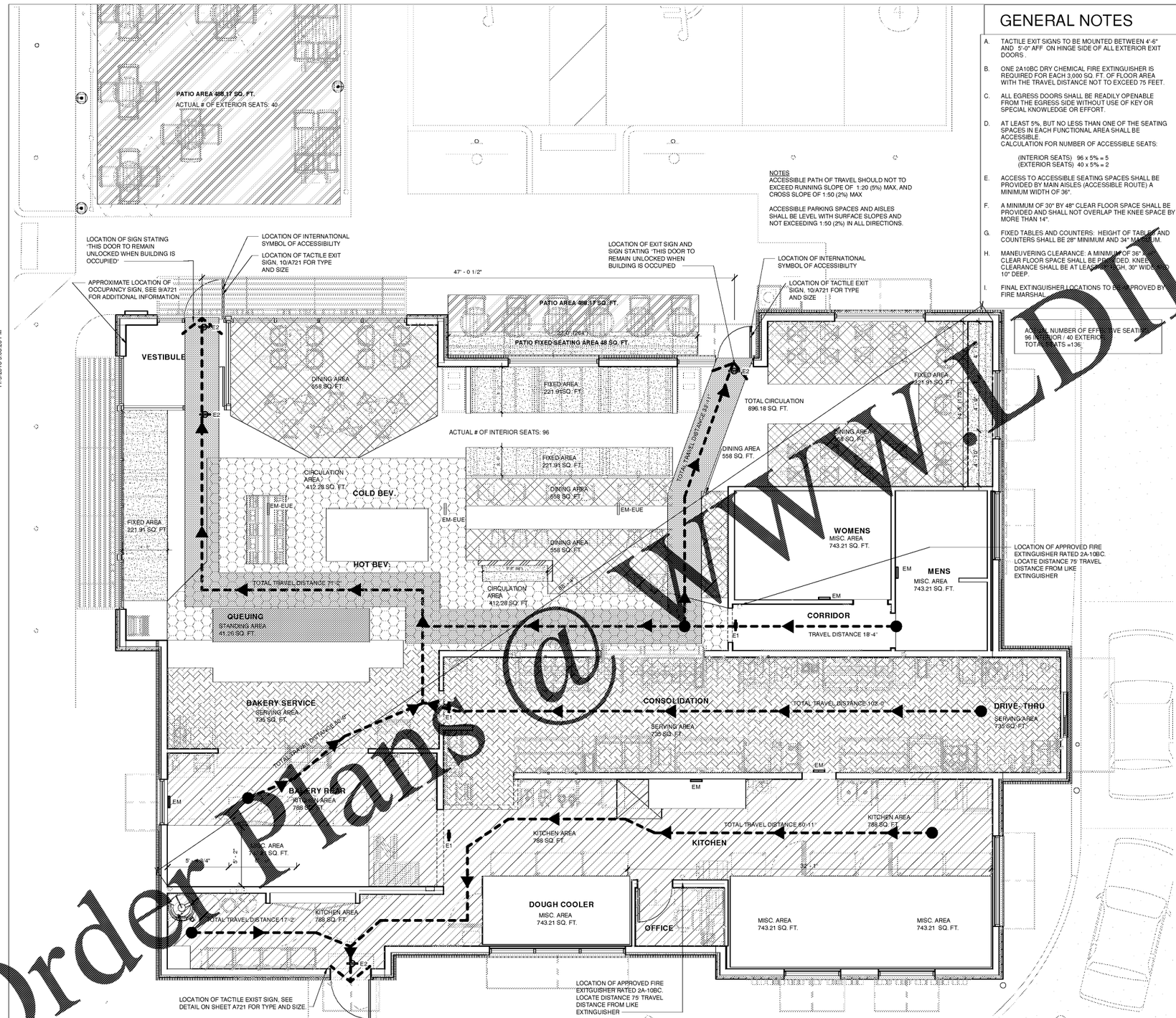

1 FLOOR PLAN - LIFE SAFETY
1/4" = 1'-0"

GENERAL NOTES

A. TACTILE EXIT SIGNS TO BE MOUNTED BETWEEN 4'-6" AND 5'-0" AFF ON HINGE SIDE OF ALL EXTERIOR EXIT DOORS .

B. ONE 2A10BC DRY CHEMICAL FIRE EXTINGUISHER IS REQUIRED FOR EACH 3,000 SQ. FT. OF FLOOR AREA WITH THE TRAVEL DISTANCE NOT TO EXCEED 75 FEET.

C. ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT USE OF KEY OR SPECIAL KNOWLEDGE OR EFFORT.

D. AT LEAST 5%, BUT NO LESS THAN ONE OF THE SEATING SPACES IN EACH FUNCTIONAL AREA SHALL BE ACCESSIBLE
CALCULATION FOR NUMBER OF ACCESSIBLE SEATS:

(INTERIOR SEATS) 96 x 5% = 5
(EXTERIOR SEATS) 40 x 5% = 2

E. ACCESS TO ACCESSIBLE SEATING SPACES SHALL BE PROVIDED BY MAIN AISLES (ACCESSIBLE ROUTE) A MINIMUM WIDTH OF 36".

F. A MINIMUM OF 30" BY 48" CLEAR FLOOR SPACE SHALL BE PROVIDED AND SHALL NOT OVERLAP THE KNEE SPACE BY MORE THAN 14".

G. FIXED TABLES AND COUNTERS: HEIGHT OF TABLES AND COUNTERS SHALL BE 28" MINIMUM AND 34" MAXIMUM.

H. MANEUVERING CLEARANCE: A MINIMUM OF 36" CLEAR FLOOR SPACE SHALL BE PROVIDED. KNEE CLEARANCE SHALL BE AT LEAST 30" WIDE, 30" HIGH, AND 10" DEEP.

I. FINAL EXTINGUISHER LOCATIONS TO BE APPROVED BY FIRE MARSHAL.

ACTUAL NUMBER OF EFFECTIVE SEATING:
96 INTERIOR / 40 EXTERIOR
TOTAL SEATS =136

APPLICABLE BUILDING CODES

BUILDING CODE	2017 FLORIDA BUILDING CODE 6TH EDITION
PLUMBING CODE	2017 FLORIDA PLUMBING CODE 6TH EDITION
ELECTRICAL CODE	2014 NATIONAL ELECTRICAL CODE
MECHANICAL CODE	2017 FLORIDA MECHANICAL CODE 6TH EDITION
ENERGY CODE	2017 FLORIDA ENERGYCODE &2007 ASHRAE 90.1
FIRE CODE	FLORIDA PREVENTION CODE 6TH EDITION
ACCESSIBILITY CODE	2017 FLORIDA ACCESIBILITY CODE 6TH EDITION

BUILDING INFORMATION

CONSTRUCTION TYPE	TYPE V - B
	NON-SPRINKLERED

LEGEND

- TOTAL CIRCULATION AREA: 896.18 SQ. FT.
- PATIO AREA: AREA: 448.17 SQ. FT.
- FIXED SEATING AREA: 221.91 SQ. FT.
- SERVING AREA: AREA: 738.00 SQ. FT.
- DINING AREA: AREA: 558 SQ. FT.
- STANDING ROOM: AREA 41.26 SQ. FT.
- KITCHEN AREA AREA: 768.00 SQ. FT.
- MISC. AREA (OVENS, COOLERS, FREEZER): AREA: 743.21 SQ. FT.

TOTAL INTERIOR AREA (NET): 3,978.03 SQ. FT
PATIO AREA: 448.17 SQ FT

ALLOWABLE AREA

PER 2017 FFPC

PRIMARY OCCUPANCY	A-2 | ASSEMBLY
MAXIMUM ALLOWABLE BUILDING AREA	6000 SF, ACTUAL 4,411 S.F. (GROSS)
TRAVEL DISTANCE (PER 2017 FFPC TABLE 12.2.6.2)	200 FT ALLOWED (NON-SPRINKLERED) | 102'-0" FT ACTUAL

OCCUPANT LOAD

OCCUPANT LOAD COUNT TABLE PER 2017 FFPC TABLE 7.3.1.2

	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	AREA (SQFT)	OCCUPANTS
DINING AREA	UNCONCENTRATED	15	558	37.2=38
CIRCULATION AREA	UNCONCENTRATED	15	412.28	27.48=28
KITCHEN	KITCHEN: COMMERCIAL	100	784.17	7.84=8
SERVICE AREA	KITCHEN: COMMERCIAL	100	733.30	7.33=8
STANDING AREA	STANDING AREA	7	41.26	5.89=6
FIXED SEATING				

BOOTH LENGTHS	COUNT	TOTAL LINEAL LENGTH	LINEAL IN. PER OCC.	TOTAL LINEAL INCHES/ LINEAL IN. PER OCC.
30"	12	15'-0"	18	12
48"	6	48'-0"	18	12
68"	1	5'-8"	18	3
173"	1	14'-5"	18	7
				34
EXTERIOR SEATING				
264"	1	22'-0"	18	11

PATIO DINING AREA	UNCONCENTRATED	15	488.17	32.54 = 33
PATIO	ACTUAL # OF SEATS: 40	PATIO SEAT COUNT		44
TOTAL INTERIOR OCCUPANTS:				122
TOTAL OCCUPANTS (INCLUDING PATIO):				166

EXIT REQUIREMENTS

PER 2017 FFPC SECTION 7.5.1.3.2

LONGEST INTERIOR DIAGONAL DIMENSION	88'-4"
MIN. DISTANCE BETWEEN DOORWAYS (SPRINKLERED)	88'-4"/2 = 44'-2"
ACTUAL DISTANCE BETWEEN DOORWAYS	47'-1.2"

ALLOWABLE EGRESS WIDTH

PER 2017 FFPC SECTION 7.3.3.1

	OCCUPANTS	FACTOR (IN.)	(IN.)
INTERIOR W/OUT SPRINKLERS	122	0.20	24.40
EXTERIOR PATIO SPACE W/OUT SPRINKLER	44	0.20	8.80
MINIMUM EGRESS OPENING WIDTH REQUIRED			33.20
MINIMUM DOOR SIZE (PER 1008.1.1) [CLEAR OPENING]			36.00

	MAIN EXIT (IN.)	SECONDARY (IN.)	TOTAL (IN.)
ACTUAL EGRESS OPENING WIDTH PROVIDED	36"	36"	72"

PLUMBING CALCULATIONS

PER 2017 FLORIDA PLUMBING CODE

BUILDING OCCUPANCY (TOTAL)	225				
			TOTAL MEN/WOMEN		83:83
	WATER CLOSETS		LAVATORIES		OTHER
BUILDING ASSEMBLY	MALE	FEMALE	MALE	FEMALE	
A-2	1:75	1:75	1:200	1:200	1 SERVICE SINK
REQUIRED	2	2	1	1	1
PROVIDED	2	2	1	1	1

EGRESS PATH SHALL HAVE A MINIMUM ILLUMINATION OF 1FC/S.F.

SEE SHEETS A110, A111 & ELECTRICAL SHEETS FOR OVERALL LIGHTING LAYOUT AND LIGHTING SCHEDULES/SPECIFICATIONS.

EM-EUE FIXTURE IS AN OUTDOOR / INDOOR FIXTURE. PER THE MFG., IT CAN BE USED FOR BOTH APPLICATIONS. THERE ARE (3) FIXTURES SERVING THE MAIN PATRON AREA EGRESS PATH.

Bakery-Cafe:

#6119

SYSTEM: G4(

Project Type:

wha
p.o. box 142116
coral gables, florida
33114-2116
v: 305.443.3100
f: 305.259.3966
license number: AA26002436

Professional Seal:

architect of record: William F. Arthur
License Number: **AR0012074**

Project Title:

CONSTRUCTION DRAWINGS

Bakery Cafe#6119
6351 MANATEE AVE W,
BRADENTON, FL 34209

Panera BREAD

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No.	Description	Date

LIFE SAFETY PLAN

Project Number: #6119
Sheet Number: **G131**
Drawn By: MH / NH
Issue Date: 09.30.18

DPM:	DM:	CPM:
J.R.	D.C.	R.K.

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