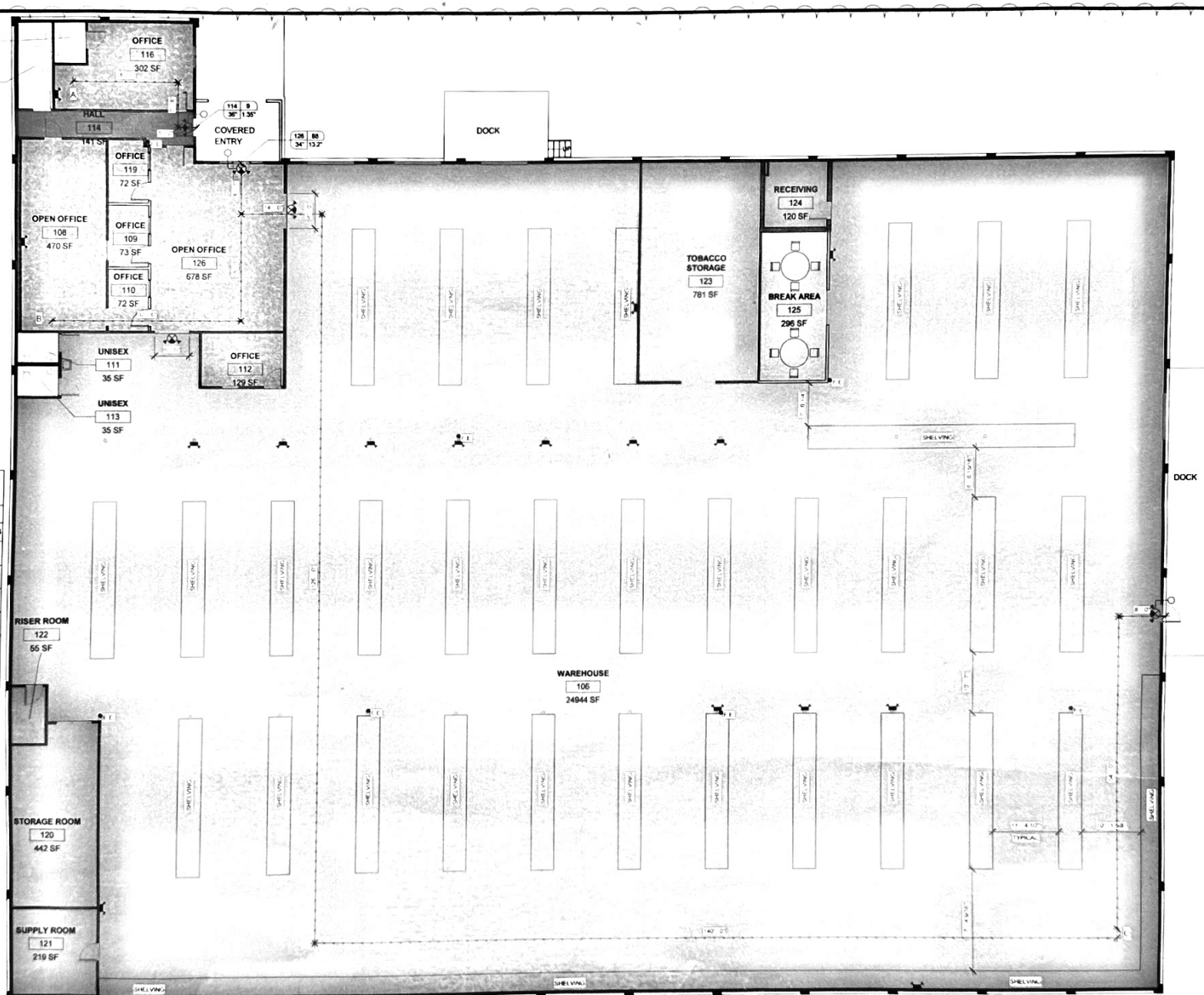

1 LEVEL 1 - LIFE SAFETY
1/8" = 1'-0"

LIFE SAFETY LEGEND

DOOR #	OCCUPANT LOAD
ACTUAL WIDTH	REQUIRED WIDTH

EGRESS DOOR TAG

EXIT ROUTE

EXIT SIGN W/ BATTERY POWERED EMERGENCY LIGHTING

F.E. WALL MOUNTED FIRE EXTINGUISHER

BATTERY BACK UP EMERGENCY LIGHTING

1 HOUR RATED WALL

2 HOUR RATED EXTERIOR LOAD BEARING WALL

EXIT SIGNAGE WITH DUAL-LAMP EXTERIOR EMERGENCY LIGHTING

LEVEL 1 OCCUPANT LOAD CALCULATIONS

LEVEL 1 OVERALL SQUARE FOOTAGE: 29,625

COLOR	FUNCTION OF SPACE PER NC BUILDING CODE 1004.1.2	SQUARE FEET	LOAD FACTOR	OCCUPANTS
	ASSEMBLY (TABLES & CHAIRS)	297.01	15 NET	20
	BUSINESS AREAS	1971.55	100 GROSS	20
	ACCESSORY STORAGE AREA, EQUIPMENT AREAS	945.86	300 GROSS	4
	WALKING AISLES, HALLS	141.26	N/A	N/A
	RESTROOMS	221.23	N/A	N/A
	WAREHOUSE	26043.12	500 GROSS	53
TOTAL		29,620.85		97

(A) - TOTAL SQUARE FEET MAY NOT MATCH OVERALL BUILDING SQUARE FOOTAGE DUE TO DIFFENT SQUARE FOOTAGE CALCULATIONS OF NET AND GROSS PER TABLE 1004.1.2

(B) - FLOOR AREA IN SQUARE FEET PER OCCUPANT

(C) - FOR MIXED USES SUM ALL LOADS BEFORE ROUNDING UP TO THE NEXT WHOLE NUMBER

2018 NC STATE BUILDING CODE:

A. **SEC. 1 EGRESS**

ACCESSIBLE MEANS OF EGRESS SHALL COMPLY WITH THIS SECTION. ACCESSIBLE SPACES SHALL BE PROVIDED WITH ACCESSIBLE MEANS OF EGRESS. WHERE MORE THAN ONE MEANS OF EGRESS ARE REQUIRED BY SEC. 1004.1.1 OR SEC. 1006.3 OF THIS CODE FROM ANY ACCESSIBLE SPACE, EACH ACCESSIBLE PORTION OF THE SPACE SHALL BE SERVED BY NOT LESS THAN TWO ACCESSIBLE MEANS OF EGRESS.

EXCEPTIONS:

1. ACCESSIBLE MEANS OF EGRESS ARE NOT REQUIRED TO BE PROVIDED IN EXISTING BUILDINGS

2018 NC STATE EXISTING BUILDING CODE:

A. **SEC. 1.1 OCCUPANT LOAD AND TRAVEL DISTANCE**

IN ANY WORK AREA, ALL ROOMS AND SPACES HAVING AN OCCUPANT LOAD OF 50 OR MORE OR IN WHICH THE TRAVEL DISTANCE TO AN EXIT EXCEEDS 75 FEET SHALL HAVE A MINIMUM OF TWO EGRESS DOORWAYS

GATEWOOD DISTRIBUTION CENTER
1024 GATEWOOD AVE,
GREENSBORO, NC

LIFE SAFETY PLAN

OBRIEN ARCHITECTURE

MATTHEW OBRIEN, ARCHITECT
143 N MAIN ST, KERNERSVILLE, NC 27284
PHONE 336 423 4411
EMAIL OBRIEN@OBAIA.COM

4/26/2022

COM. NO.	22-287
Date	2/23/22
No.	Description	Date
1	Revision 1	4.5.22
2		

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SHEET NO.
A1.1

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