LIFE-SAFETY INFORMATION

APPLICABLE CODES
NFPA 101 LIFE-SAFETY CODE 2015

OCCUPANCIES STORAGE (CHAPTER 42) & BUSINESS (CHAPTER 38); CONSTRUCTION TYPE V B
MIXED OCCUPANCIES *(REFERENCE CHAPTER 6)*

OCCUPANT LOAD FACTOR *(REFERENCE TABLE 7.3.1.2)*

BUSINESS :	4551 S.F.	100 SF GROSS / OCCUPANT =	46
COLD STORAGE;	4551 S.F.	500 SF GROSS / OCCUPANT =	9

TOTAL OCCUPANTS = 55

CLASSIFICATION OF HAZARD OF CONTENTS
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2; SPECIFY LOW, ORDINARY, OR HIGH) ORDINARY HAZARD

CONSTRUCTION TYPE(S) *(REFERENCE: CHAPTER 8, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)*
VB

MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)
1/2 DIAGONAL = N/A — SECTION 42.2.4.1 LOW AND ORDINARY HAZARD STORAGE OCCUPANCIES & SECTION 38.2.4.2 FOR BUSINESS ALLOWS FOR SINGLE MEANS OF EGRESS

MAXIMUM DEAD-END CORRIDORS	*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	50
MAXIMUM COMMON PATH OF TRAVEL DISTANCE	*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	100
MAXIMUM TRAVEL DISTANCE TO EXITS	*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	300

EXTINGUISHMENT REQUIREMENTS	SPRINKLER (NOT REQUIRED)
DETECTION, ALARM, AND COMMUNICATION SYSTEMS	NO 2.3.4.1 - 42.3.4.4)
ALLOWABLE HEIGHT AND BUILDING AREA	PER IBC EQUIVALENT CONSTRUCTION TYPE

BUILDING CODE

APPLICABLE CODES
IBC 2015

OCCUPANCY B, FOOD PROCESSING ESTABLISHMENT *(IBC 2015 CHAPTER 3)*

OCCUPANT CALCULATIONS	SQUARE FOOTAGE	(TABLE 1004.1.2)	
BUSINESS	4551 S.F.	100 GROSS	46 OCCUPANTS
S-2 WAREHOUSE	4551 S.F.	500 GROSS	9 OCCUPANTS
TOTAL OCCUPANTS			55 OCCUPANTS

CONSTRUCTION TYPE(S) *(TABLE 503)*
V B *(SECTION 503)*

ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION

MAXIMUM HEIGHT IN FEET *(SECTION 503 & 504, TABLE 504.3)*	40
MAXIMUM NUMBER OF STORIES *(SECTION 503 & 504, TABLE 504.4)*	2
MAXIMUM AREA IN SQUARE FEET *(SECTION 503, 506 & 507, TABLE 506.2)*	9,000

WIND SPEED DESIGN REQUIREMENTS

THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:

WIND DESIGN DATA:

DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (1), (2), OR (3) DEPENDING ON THE RISK CATEGORY

WIND SPEED Vult =		143 MPH (IBC FIG 1609.3(1))	
NOMINAL DESIGN WIND SPEED Vasd =		111 MPH (Vult x $(0.6)^{1/2}$)	
RISK CATEGORY:	CATEGORY II BLDG	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	C
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):		± 0.18	

LIVE LOADS (IBC SEC 1607)

STORAGE WAREHOUSE, LIGHT DUTY (IBC TABLE 1607.1):	125 PSF
OFFICE LOBBIES & CORRIDORS 1ST FLOOR	100 PSF
OFFICES (IBC TABLE 1607.1):	50 PSF
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED

SNOW LOADS (IBC SEC 1608):

GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF

FLOOD ZONE INFORMATION

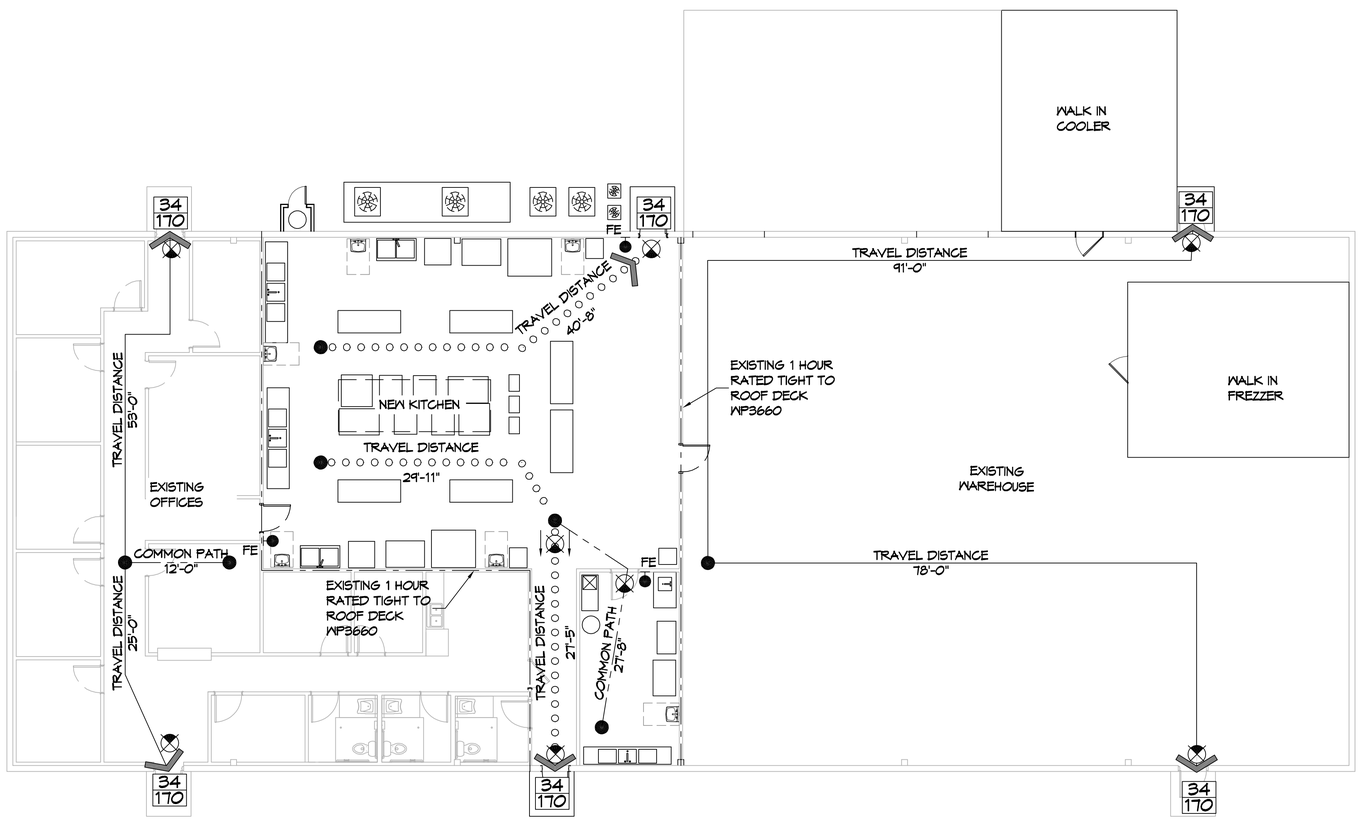
BASED ON LA FLOOD MAPS. THIS PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.

FIRM, COMMUNITY NO. 22103C0484 F, DATED APRIL 30, 2008

FLOOD ZONE:	X	BASE FLOOD ELEVATION	N/A

LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
》	EXITS
45	DOOR FIRE RATING (MINUTES)
36 / 170	DOOR WIDTH/EGRESS CAPACITY
⊠	EXIT LIGHT
FE	FIRE EXTINGUISHER W/ WALL MTD BRACKET
————	COMMON PATH OF TRAVEL
○○○○○○○○○○	TRAVEL DISTANCE
●	DECISION POINT



N

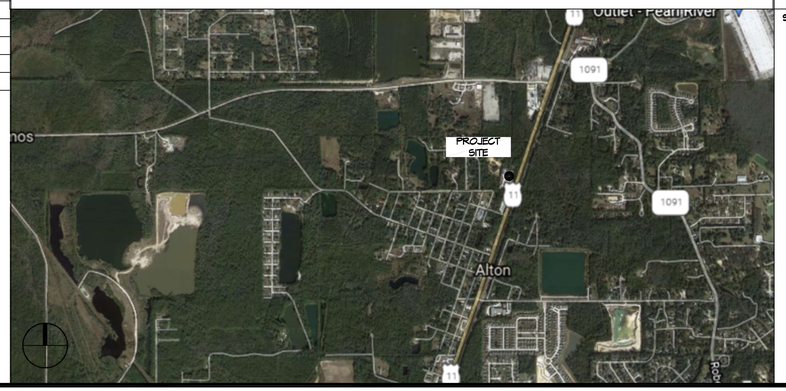
1 LIFE-SAFETY PLAN
SCALE: 1/8" = 1'-0"

ALLOWABLE BLDG AREA INCREASE

Eqn 5-5
If = (F/P - 0.25) X W/30
F=420ft; P=420ft; W=>30ft
If = ((420/420) - 0.25) X (30/30)
If = 0.75

Eqn 5-1
At = 9,000 s.f.
Aa = [At + (NS X If)]
Aa = [9,000 + (9,000 X 0.75)]
Aa = 15,750 s.f.

VICINITY MAP



SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
C100	SITE PLAN
A101	FLOOR PLAN
A102	REFLECTED CEILING PLAN
P101	PLUMBING PLAN
M101	MECHANICAL PLAN
E101	POWER PLAN
E102	LIGHTING PLAN
E103	PANEL SCHEDULES

GENERAL NOTES

1. ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
2. CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
3. THE DRAWINGS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
4. DO NOT SCALE DRAWINGS. CONSULT WITH THE ENGINEER REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
6. TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
7. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
8. CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
9. ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832
Chief Engineer: Brian Wistich, PE
554 Old Spanish Trail
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

NEW FOOD DISTRIBUTION
HEALTHY SCHOOL
FOOD COLLABORATIVE

62277 HWY 11
PEARL RIVER, LOUISIANA 70452

JOB No: 2444 DATE: 11-3-2021
DRAWN BY: CKD CHECKED BY: JMS

This drawing is the property of Dammon Engineering, and as such is expressly reserved to Dammon Engineering. Any reproduction, in whole or in part, without the written permission of Dammon Engineering, and any part thereof shall be deemed to be a violation of the rights of Dammon Engineering. Any alteration or modification of this drawing, or any part thereof, without the written permission of Dammon Engineering, is prohibited and shall be deemed to be a violation of the rights of Dammon Engineering. Any alteration or modification of this drawing, or any part thereof, without the written permission of Dammon Engineering, shall be deemed to be a violation of the rights of Dammon Engineering.

SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

SHEET No: 1 of 9

FILE NAME: J:\1- REVIT\WORK\1449 - Healthy School Food Collaborative Kitchen\WORKING 2020\2020 - Color Sheet.rvt PLOT DATE & TIME: Wednesday, November 3, 2021 7:25:54 AM