

### LIFE-SAFETY INFORMATION

**APPLICABLE CODES**  
 NFPA 101 LIFE-SAFETY CODE 2018  
 OCCUPANCY A-2 RESTAURANT & A-3 GYMNASIUMS ; CONSTRUCTION TYPE II B  
 BUSINESS (CHAPTER 30)

MIXED OCCUPANCY		(REFERENCE CHAPTER 6)
OCCUPANT LOAD FACTOR		(REFERENCE TABLE 7.3.1.2)
11520 S.F.	EXERCISE ROOMS WITH EQUIPMENT: 50 SF PER OCCUPANT	231 OCCUPANTS
1672 S.F.	KITCHENS, COMMERCIAL - 200 GROSS	8 OCCUPANTS

TOTAL OCCUPANTS = 239

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

CONSTRUCTION TYPE(S) (REFERENCE: CHAPTERS, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)  
 II B

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
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MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.1.6)  
 MAXIMUM COMMON PATH OF TRAVEL DISTANCE (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.1.6)  
 MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.1.6)  
 \*MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING

**EXTINGUISHMENT REQUIREMENTS**      SPRINKLER REQUIRED

DETECTION, ALARM, AND COMMUNICATION SYSTEMS      YES

ALLOWABLE HEIGHT AND BUILDING AREA      PER IBC EQUIVALENT CONSTRUCTION TYPE

### BUILDING CODE INFORMATION

**APPLICABLE CODES**  
 IBC 2018

OCCUPANCY A-2 RESTAURANT & A-3 GYMNASIUMS	(IBC 2018)
OCCUPANT LOAD CALCULATIONS	(TABLE 1004.1.2)
EXERCISE ROOMS	50 GROSS      231 OCCUPANTS
KITCHENS, COMMERCIAL	200 GROSS      8 OCCUPANTS
TOTAL OCCUPANTS	239
CONSTRUCTION TYPE(S)	(TABLE 503)

II B (SECTION 503)

ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION

MAXIMUM HEIGHT IN STORES (SECTION 503 & 504, TABLE 503)	2
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)	39,000

### 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 $V_{ult}$ =	160 MPH (IBC FIG 1609.3(1))
NOMINAL DESIGN WIND SPEED $V_{std}$ =	120 MPH ( $V_{ult} \times (0.6)^{1/2}$ )
RISK CATEGORY:	CATEGORY II BLDG
TOPOGRAPHIC FACTOR =	1
INTERNAL PRESSURE COEFFICIENT (ASCE 7-16 TABLE 26.11-1):	$\pm 0.10$
SURFACE ROUGHNESS =	B
EXPOSURE =	C

LIVE LOADS (IBC SEC 1607)

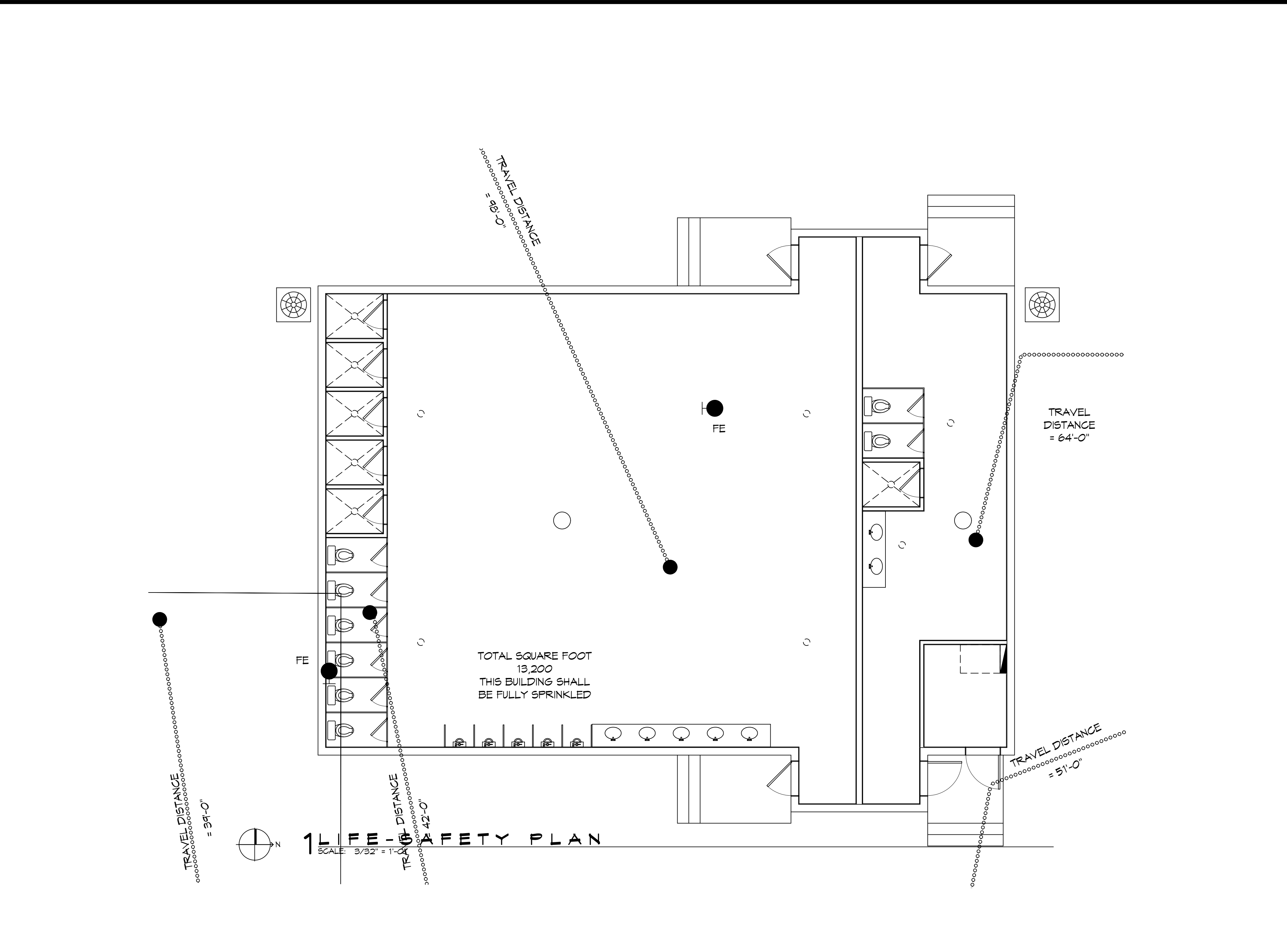
STORAGE WAREHOUSE, LIGHT DUTY (IBC TABLE 1607.1):	125 PSF
OFFICE LOBBIES & CORRIDORS 1ST FLOOR	100 PSF
OFFICES (IBC TABLE 1607.1):	50 PSF
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED

SNOW LOADS (IBC SEC 1608)

GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF
SEISMIC DESIGN CRITERIA	B

### LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXITS
	DOOR FIRE RATING (MINUTES)
	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
	FIRE EXTINGUISHER AND CABINET
	FIRE EXTINGUISHER W/ WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TRAVEL DISTANCE
	DECISION POINT
	SMOKE PARTITION
	ONE-HOUR FIRE RATED PARTITION
	TWO-HOUR FIRE RATED PARTITION
	TWO-HOUR FIRE/SMOKE PARTITION
	FOUR-HOUR RATED PARTITION



### PROJECT STATISTICS

BUILDING SQUARE FOOTAGE	TOTAL ENCLOSED SPACE	13200 SF
NEW CONSTRUCTION FOR A FITNESS CENTER		

### VICINITY MAP



### SHEET INDEX

SHEET #	SHEET TITLE
G001	GENERAL PROJECT, LIFE-SAFETY, AND BUILDING CODE INFORMATION
G002	ADAAG INFORMATION
G101	SITE PLAN
C102	SITE EROSION CONTROL PLAN
C103	RETAINING WALL PLAN
C104	SITE PLAN- UTILITY PLAN
C105	SITE PAVING & DRAINAGE PLAN (BY OTHERS)
C106	SITE PAVING PLAN
S101	FOUNDATION PLAN
S102	FOUNDATION DETAILS
A101	FLOOR PLAN
A102	REFLECTED CEILING PLAN
A103	BUILDING ELEVATIONS
A104	FINISH FLOOR PLAN
P101	PLUMBING PLAN
P102	PLUMBING DIAGRAM AND DETAILS
M101	MECHANICAL PLAN
E100	ELECTRIC SITE POWER PLAN
E101	POWER PLAN
E102	LIGHTNING PLAN
E103	ELECTRIC PANEL SCHEDULE
E104	RISER DIAGRAM & ELECTRIC PANEL SCHEDULE CONTINUED

### GENERAL NOTES

- ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
- CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
- DO NOT SCALE DRAWINGS.** CONSULT WITH THE OWNER AND ENGINEER REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
- TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
- THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE OWNER.
- CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
- NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE APPROVED BY THE OWNER.
- ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ENGINEER.

# DAMMON

## ENGINEERING, INC.

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#	DESCRIPTION	DATE

SEAL:

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3030 PORT & HARBOR DR. RD. D  
 BAY ST. LOUIS, MS. 39220  
 JOB No: 01-25-2023  
 DATE: 2/12  
 DRAWN BY: CKD  
 CHECKED BY: BAK

### NEW RESTROOMS BUILDING

## SNF POLYCHEMIE

SHEET TITLE:  
 GENERAL INFORMATION SHEET

DRAWING NUMBER:

# G101

SHEET No: 1 of 1