

FIRE PROTECTION AND LIFE-SAFETY INFORMATION

APPLICABLE CODES	
NFPA 101 LIFE-SAFETY CODE 2015 AND IBC 2021	
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 (EXISTING) 3,650 S.F.	100 SF GROSS / OCCUPANT = 37
F-1 (EXISTING) 10,315 S.F.	500 SF GROSS / OCCUPANT = 37
TOTAL OCCUPANTS = 365	
CLASSIFICATION OF HAZARD OF CONTENTS	
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2; SPECIFY LOW, ORDINARY, OR HIGH) ORDINARY HAZARD	
CONSTRUCTION TYPE(S) (REFERENCE: CHAPTERS, TABLE A.5.2.1.2 AND COMMENTARY TABLE 6.1 IN HANDBOOK)	
V 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	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) 20
MAXIMUM COMMON PATH OF TRAVEL DISTANCE	(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) 50
MAXIMUM TRAVEL DISTANCE TO EXITS	(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) 200
EXTINGUISHMENT REQUIREMENTS SPRINKLER (NOT REQUIRED)	
DETECTION, ALARM, AND COMMUNICATION SYSTEMS PARA 38.9.4.1 & 42.9.4.4	
ALLOWABLE HEIGHT AND BUILDING AREA PER IBC EQUIVALENT CONSTRUCTION TYPE	

BUILDING CODE

APPLICABLE CODES	
IBC 2021	
OCCUPANCY B (OFFICE), F-1 (FACTORY); SEPARATED MIXED OCCUPANCIES (IBC 2015 CHAPTER 10)	
OCCUPANT CALCULATIONS (TABLE 1004.1.2)	
BUSINESS (EXISTING) 3,650 S.F.	100 GROSS 37 OCCUPANTS
F-1 (EXISTING) 10,315 S.F.	500 GROSS 37 OCCUPANTS
TOTAL OCCUPANTS 74 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 (NON SPRINKLED)
MAXIMUM NUMBER OF STORES (SECTION 503 & 504, TABLE 504.4)	1 (NON SPRINKLED)
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 506.2)	8,500 S.F. (NON SPRINKLED)

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} = 142 MPH (IBC FIG 1609.3(1))

NOMINAL DESIGN WIND SPEED V_{std} = 111 MPH ($V_{ult} \times (0.8)^{1/2}$)

RISK CATEGORY: CATEGORY II BLDG SURFACE ROUGHNESS = B

TOPOGRAPHIC FACTOR = 1 EXPOSURE = C

INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1): ± 0.15

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

GROUND SNOW LOAD (IBC FIG 1609.2): 5 PSF

SNOW LOADS (IBC SEC 1608):

FLOOD ZONE INFORMATION

BASED ON LSU AG CENTER THIS PROPERTY THIS PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA DUE TO BEING IN THE LEVEL.

FIRM, COMMUNITY NO. 22051C0180F, DATED FEBRUARY 2, 2015

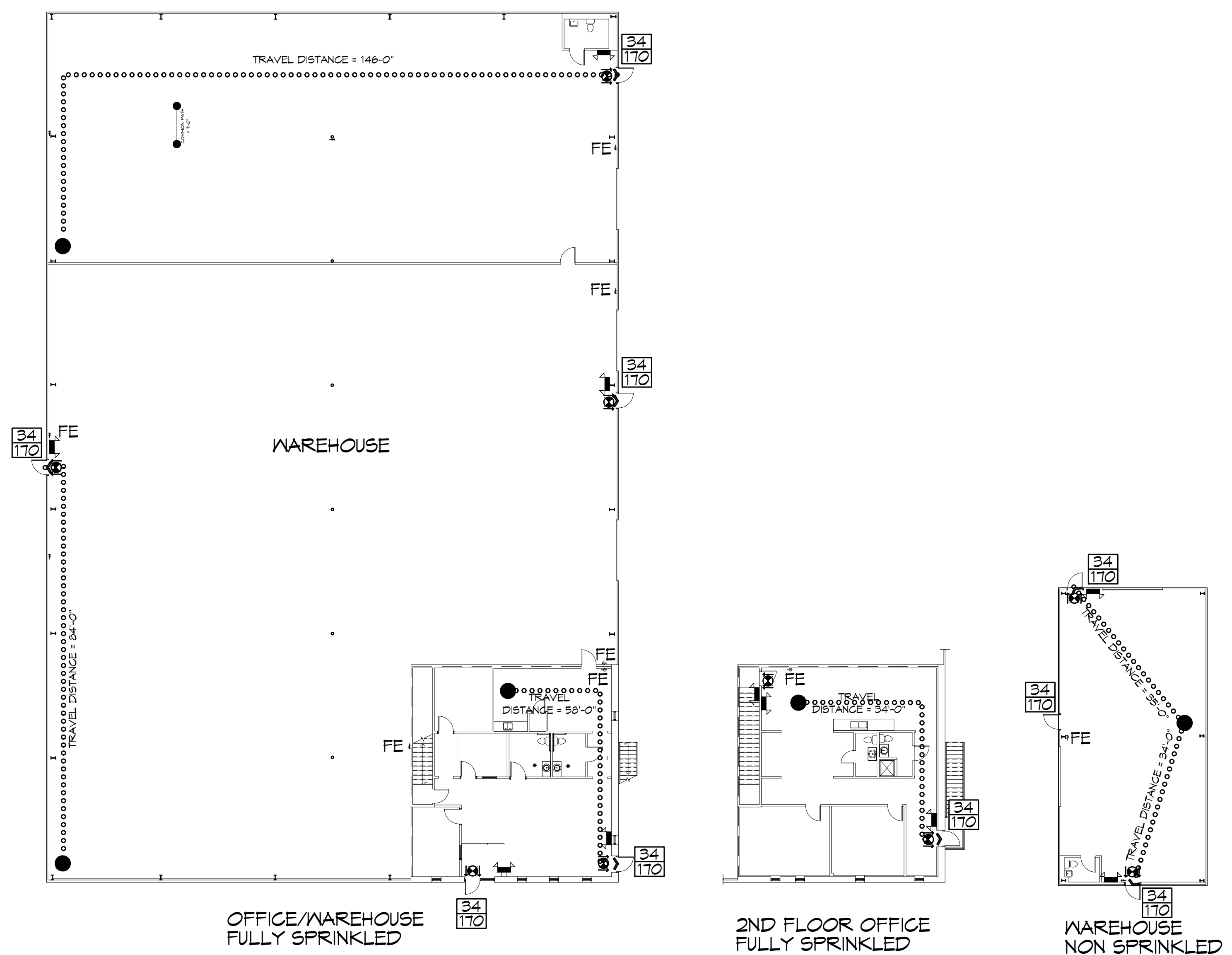
FLOOD ZONE: X BASE FLOOD ELEVATION N/A

LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXITS
	DOOR FIRE RATING (MINUTES)
	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
	FIRE EXTINGUISHER W/ WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TRAVEL DISTANCE
	DECISION POINT

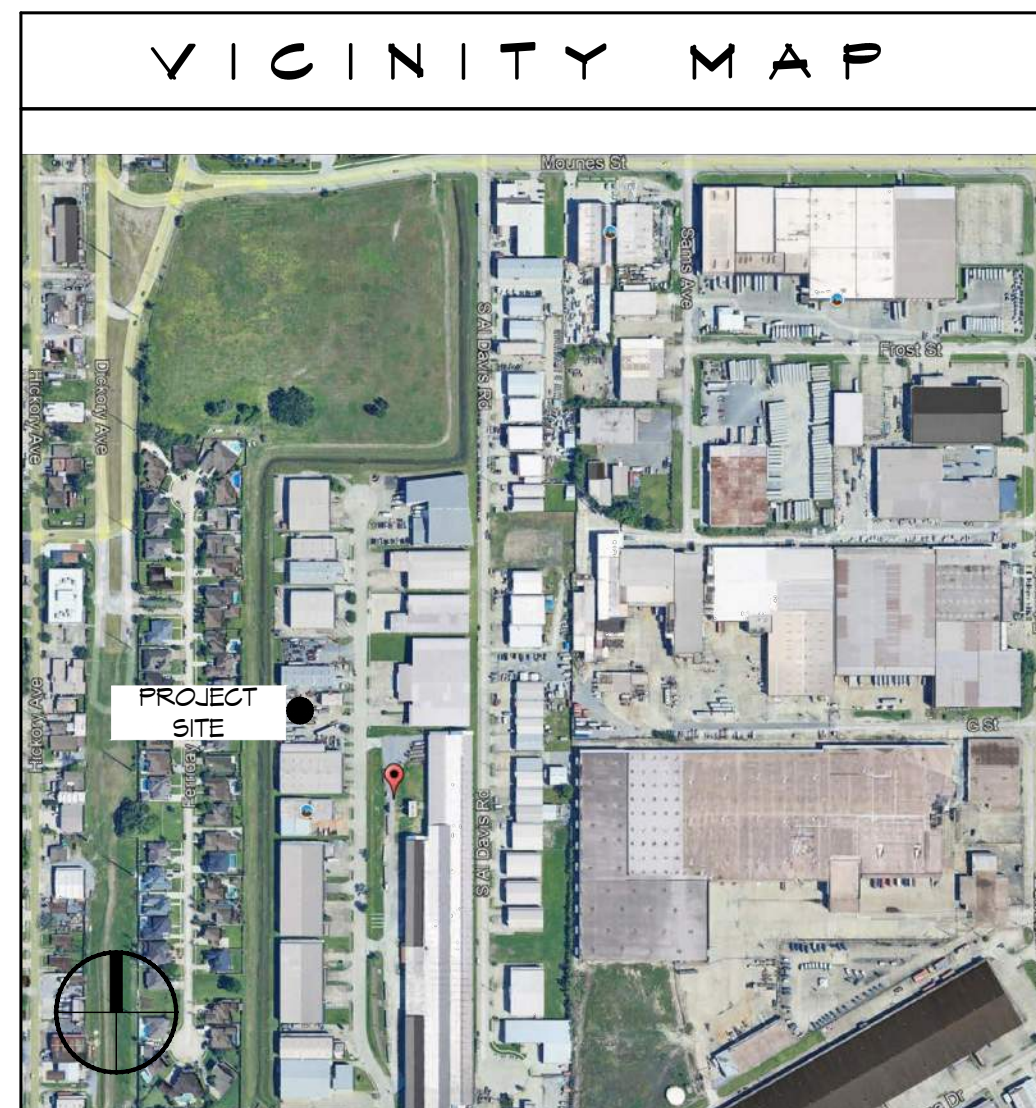
PROJECT DESCRIPTION

THIS IS AN EXISTING OFFICE/WAREHOUSE WITH AN ADDITIONAL WAREHOUSE THAT WILL BE UTILIZED BY SUNBELT RENTALS. THIS PROJECT CONSIST OF REMOVING AND ADDING SOME WALLS AND DOORS ALONG WITH SOME ADDITIONAL BOLLARDS ON THE FIRST FLOOR. SECOND FLOOR WILL GET NEW LIGHT FIXTURES TO REPLACE THE EXSTING. ALL EXIT DOORS WILL REMAIN IN PLACE.



LIFE-SAFETY PLAN

SCALE: 1/16" = 1'-0"



SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
C101	EXISTING SITE PLAN
D100	DEMO PLAN
A101	OFFICE/WAREHOUSE AND WAREHOUSE FLOOR PLAN
E101	LIGHTING PLAN
E102	POWER PLAN

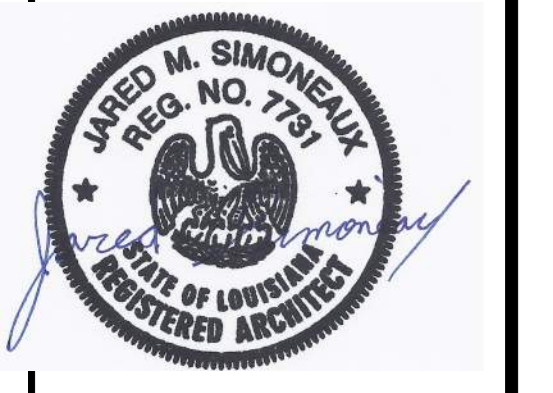
GENERAL NOTES

- 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.
- THE DRAWINGS AND ANY SUBSEQUENTLY ISSUED APPENDIX, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
- DO NOT SCALE DRAWINGS. CONSULT WITH THE 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 ARCHITECT.
- CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
- 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.
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Slidell, LA 70688
Chief Engineer: Brian Mistich, PE
PH: 985.649.5832

DATE	REVISIONS	#	DESCRIPTION



OFFICE/WAREHOUSE RENOVATION

SUNBELT ELMWOOD
LA SPC PC 4078

632 THE SAVER AVENUE
ELMWOOD, LA 70123

DATE: 4-26-2024
JOB No: JMS
DRAWN BY: CKD
CHECKED BY: JMS

SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

SHEET No: 1 of 6

