

### LIFE-SAFETY INFORMATION

<b>APPLICABLE CODES</b>	
NFPA 101 LIFE-SAFETY CODE 2015	
OCCUPANCY TYPE(S) AND CHAPTER(S)	
ASSEMBLY (CHAPTER 12)	
<b>OCCUPANT LOAD FACTOR</b>	(REFERENCE TABLE 7.3.1.2)
ASSEMBLY - GYMNASIUM	15 GROSS
	572 OCCUPANTS
<b>CLASSIFICATION OF HAZARD OF CONTENTS</b>	
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2. SPECIFY LOW, ORDINARY, OR HIGH)	
<b>CONSTRUCTION TYPE= VB</b> (REFERENCE: CHAPTERS, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)	
<b>MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS</b>	
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)	
1/2 DIAGONAL =	47'-8"
<b>MAXIMUM DEAD-END CORRIDORS</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
20 FEET	
<b>MAXIMUM COMMON PATH OF TRAVEL DISTANCE</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
20 FEET/75 FEET	
<b>MAXIMUM TRAVEL DISTANCE TO EXITS</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
200 FEET	
*MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING	
<b>EXTINGUISHMENT REQUIREMENTS</b>	THIS BUILDING IS FULLY SPRINKLERED
<b>DETECTION, ALARM, AND COMMUNICATION SYSTEMS</b>	MONITORED FIRE ALARM SYSTEM
<b>ALLOWABLE HEIGHT AND BUILDING AREA</b>	PER IBC EQUIVALENT CONSTRUCTION TYPE

### BUILDING CODE INFORMATION

<b>APPLICABLE CODES</b>	
BC 2015	
<b>ASSEMBLY GROUP AS</b>	(IBC 2015 CHAPTER 10)
<b>OCCUPANT LOAD CALCULATIONS</b>	(TABLE 1004.1.2)
ASSEMBLY S - GYMNASIUM - 8580 SQ. FT.	50 GROSS
<b>TOTAL OCCUPANTS</b>	172 OCCUPANTS
<b>CONSTRUCTION TYPE(S)</b>	II B (SECTION 602)
<b>ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION</b>	
MAXIMUM HEIGHT IN STORIES (SECTION 503 & 504, TABLE 504.4)	4
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 506.2) WITH AREA INCREASE, NS-A3	62,000 SF
BUILDING AREA IN SQUARE FEET	38,000 SF

### 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 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY

ULTIMATE WIND SPEED =	142 MPH (IBC FIG 1609C)	NOMINAL WIND SPEED =	V <sub>90d</sub> = 110 MPH
RISK FACTOR:	CATEGORY II	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	B
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1): ± 0.18			

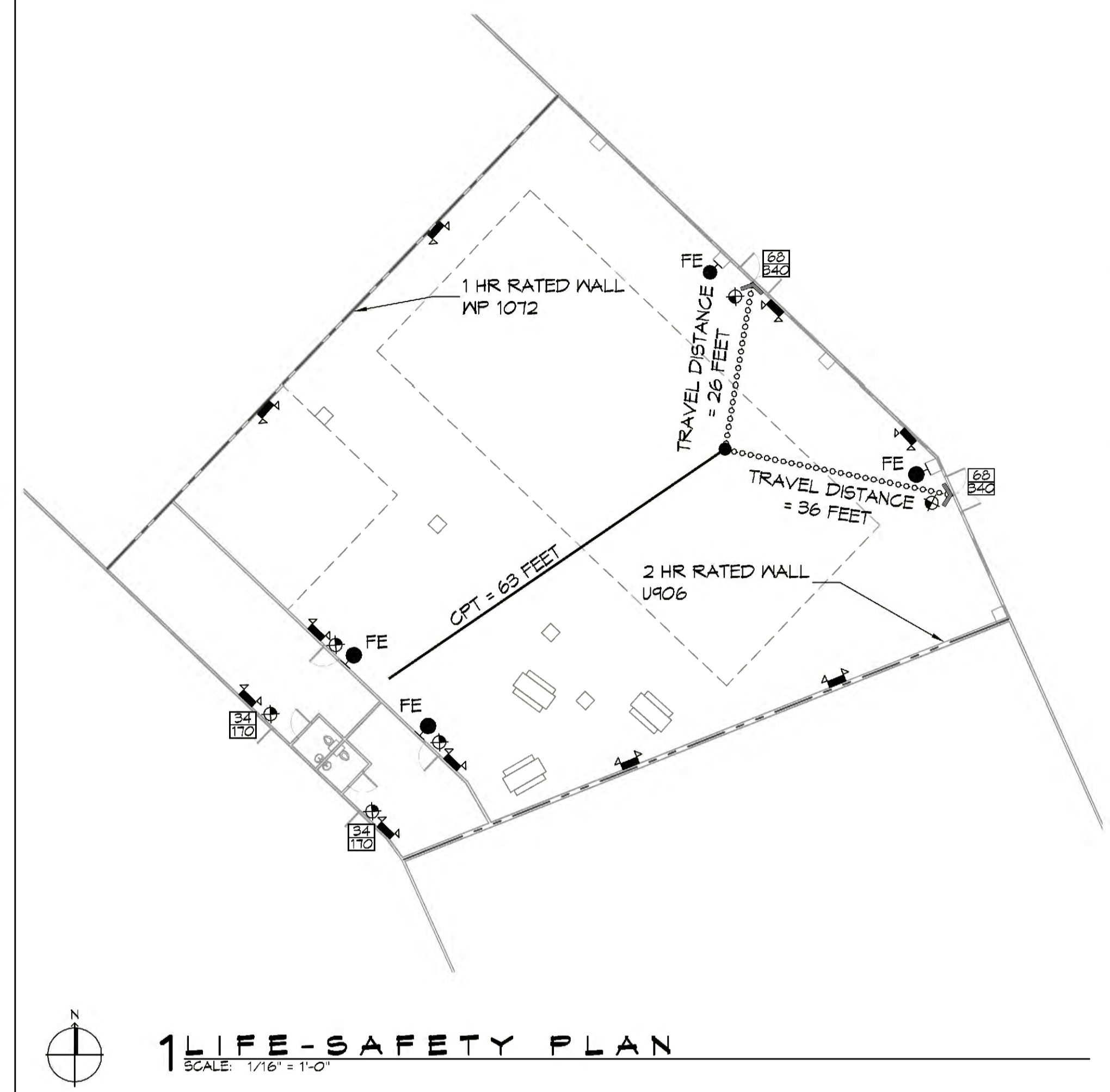
<b>LIVE LOADS (IBC SEC 1607)</b>	
ASSEMBLY FIXED SEATING (IBC TABLE 1607.1):	60 PSF
PLATFORMS (ASSEMBLY) (IBC TABLE 1607.1):	100 PSF
LOBBIES (IBC TABLE 1607.1):	100 PSF
CLASSROOMS (IBC TABLE 1607.1):	40 PSF UNIFORM, 1,000 LB CONCENTRATED
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED
<b>SNOW LOADS (IBC TABLE 1608)</b>	
GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF

### FLOOD ZONE INFORMATION

BASED ON THE LSU FLOOD MAP PROPERTY IS IN ZONE AE, EL. 13 BASE FLOOD.

FLOOD ZONE:	AE	BASE FLOOD ELEVATION	13.0'
FIRM, COMMUNITY NUMBER 2201C0695F	DATE: 04/30/2008		

# BRIDE ADORN CHURCH ACTIVITY CENTER SLIDELL LOUISIANA



### LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXITS
	DOOR FIRE RATINGS (MINUTES)
	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
	FIRE EXTINGUISHER IV WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TRAVEL DISTANCE
	DECISION POINT
	ONE-HOUR FIRE RATED PARTITION
	TWO-HOUR FIRE RATED PARTITION

### VICINITY MAP



### SHEET INDEX

SHEET #	SHEET TITLE
0001	GENERAL PROJECT, LIFE-SAFETY, AND BUILDING CODE INFORMATION
C101	SITE PLAN
A101	FLOOR PLAN
E102	LIGHTING 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, SPECIFICATIONS AND ANY SUBSEQUENTLY ISSUED ADDENDA, 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 ARCHITECT 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.
- 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 SUBMITTED PRIOR TO BIDDING.
- 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  
594 Old Spanish Trail  
Slidell, LA 70488  
PH: 985.649.8832 F: 985.641.9990

Chief Engineer: Brian Albrecht, PE

#	DESCRIPTION	DATE



# PRIORITY SUBMITTAL

DATE: 6/9/2021  
DRAWN BY: JWS  
R/LD CHECKED BY: JWS

JOB NO: 1000 CARLISO BLVD, SUITES 419 AND 421, SLIDELL, LA 70461

SHEET TITLE:  
GENERAL PROJECT,  
LIFE-SAFETY, AND  
BUILDING CODE  
INFORMATION

DRAWING NUMBER:

# G001

SHEET No: 1 of 4

FILE NAME: J:\PROJECTS\2021\20210601\20210601\_01\_Site Plan.dwg DATE: Thursday, June 3, 2021 11:20:09 AM



**2 SITE PLAN**  
SCALE: 1/128"=1'-0"

**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Alstich, PE  
554 Old Spanish Trail  
Slidell, LA 70488  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.8832 F: 985.641.9990

#	DESCRIPTION	DATE



**BRECHER ARCHITECTURE**  
1000 CARUSO BLVD.  
SUITES 419 AND 421  
SLIDELL, LA 70461

JOB No: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
DATE: 6/3/2021  
R.L.D. CHECKED BY: JAS

SHEET TITLE:  
SITE PLAN

DRAWING NUMBER:  
**C101**



THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION PROVIDED BY THE CLIENT AND FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

Symbol	Label	Qty	Arrangement	Manufacturer & Part Number	LLF	Lum. Lumens
□	A	29	SINGLE	VISION ENGINEERING VHB3-L1-90D-35K-X-X-CM-EWG (derated from 50K IES file)	0.740	12970

Calculation Summary	CalcType	Units	PtSpclr	PtSpctb	Avg	Max	Min	Avg/Min	Max/Min	Description
Open Area Bball Crt & Play Area	Illuminance	Fc	3	3	36.35	42	16	2.27	2.63	Readings taken at 0'-0" AFF

### GENERAL LIGHTING NOTES

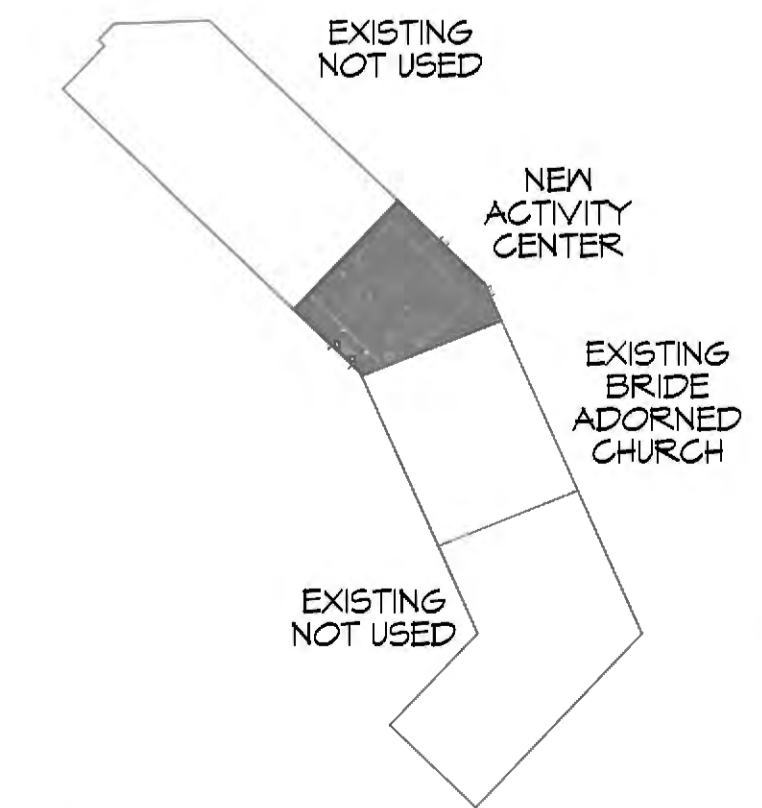
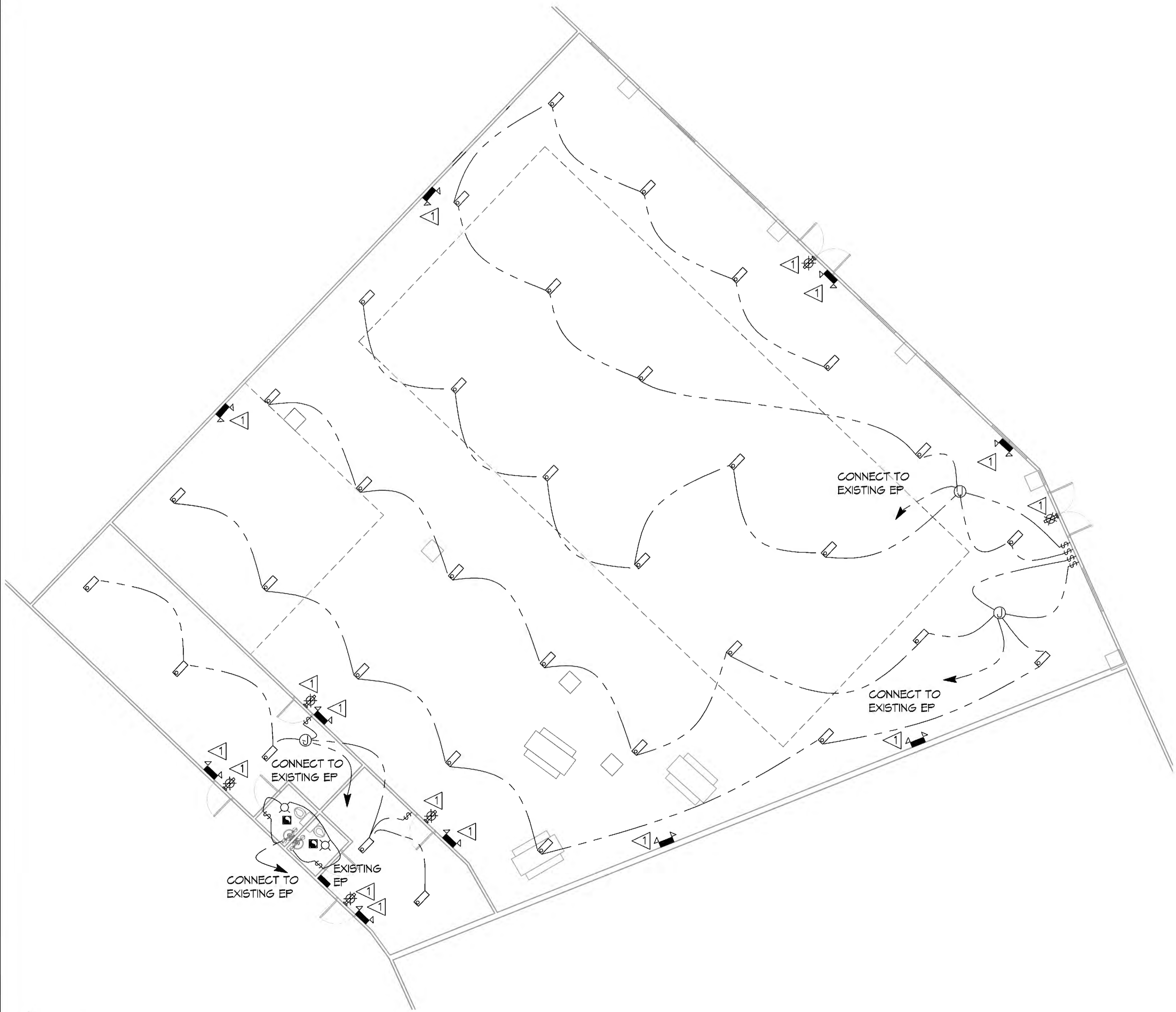
- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE AND LOCATION OF DEVICES AND/OR FIXTURES.
- WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL SHALL PROVIDE COMPLETE ASSEMBLY INCLUDING ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
- ALL CONDUCTORS SHALL BE #12 AWG UNLESS NOTED OTHERWISE.
- ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
- ALL CONDUCTORS SHALL BE COPPER.
- WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
- MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
- ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
- EACH DIMMER SWITCH SHALL HAVE A WATTING RATING 25% HIGHER THAN THE TOTAL WATTAGE OF ALL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, AND 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT AND LOW VOLTAGE DIMMERS HAL LBE LUTRON NOVA T-STAR.
- WHERE FLUORESCENT FIXTURES ARE SHOWN TO BE DIMMED, THE FIXTURES SHALL HAVE DIMMING TYPE BALLASTS WHICH ARE COMPATIBLE WITH THE SPECIFIED DIMMERS.
- WHERE LED FIXTURES/LAMPS ARE SHOWN TO BE DIMMED, THE DIMMER SHALL BE COMPATIBLE WITH THE FIXTURE/LAMP SPECIFIED OR PROVIDED.
- ALL EMERGENCY LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
- ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.133.

### LEGEND

	EMERGENCY LIGHT FIXTURE (12w)		9'x24' SUSPENDED LED LIGHT FIXTURE
	EXIT LIGHT FIXTURE - WALL MOUNTED (10w)		ELECTRIC PANEL
	WALL-MOUNTED VANITY LIGHT FIXTURE (100w)		CIRCUIT HOME RUN
	JUNCTION BOX		LIGHT SWITCH 120V COMMERCIAL GRADE
	CEILING MOUNTED LIGHT FIXTURE		VENT/EXHAUST FAN ONLY
			LIGHTING WIRE

### KEYED NOTES

- PROVIDE CONNECTION TO UN-SWITCHED HOT OF LIGHTING CIRCUIT AND SHALL HAVE 90 MINUTE EMERGENCY BATTERY BACKUP.



**5 LIGHTING PLAN**  
SCALE: 3/16"=1'-0"

**6 KEY PLAN**  
SCALE: 1/128"=1'-0"

**DAMMON ENGINEERING, INC.**  
 LOUISIANA & MISSISSIPPI  
 Chief Engineer: Brian Mitchell, PE  
 504 Old Spanish Trail  
 Slidell, LA 70468  
 www.dammonengineering.com  
 info@dammonengineering.com  
 PH: 985.649.2342, FX: 985.649.2320

REVISIONS	DATE	DESCRIPTION
#		



**PRIORITY**  
**ADVERTISING**  
**DRYER**  
**BURIE**  
**BUCC**  
 1000 CARUSO BLVD.  
 SUITES 419 AND 421  
 SLIDELL, LA 70461  
 JOB NO: DATE: 6/9/2021  
 DRAWN BY: RLD / CHECKED BY: CACD

SHEET TITLE:  
**LIGHTING PLAN**  
 DRAWING NUMBER:  
**E101**  
 SHEET No: 4 of 4