

LIFE-SAFETY INFORMATION

APPLICABLE CODES		
NFPA 101 LIFE-SAFETY CODE 2015		
OCCUPANCY TYPE(S) AND CHAPTER(S)		
ASSEMBLY (CHAPTER 12)		
OCCUPANT LOAD FACTOR		(REFERENCE TABLE 7.3.1.2)
ASSEMBLY - GYMNASIUM	T NET	1,066 OCCUPANTS
CLASSIFICATION OF HAZARD OF CONTENTS		
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2; SPECIFY LOW, ORDINARY, OR HIGH)		
CONST. TYPE= 2(000) (REFERENCE: CHAPTERS, TABLE A.9.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)		
MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS		
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)		
1/3 DIAGONAL =	138 FT / 3 = 46 FT	
MAXIMUM DEAD-END CORRIDORS		
(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)		
20 FEET		
MAXIMUM COMMON PATH OF TRAVEL DISTANCE		
(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)		
20 FEET		
MAXIMUM TRAVEL DISTANCE TO EXITS		
(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)		
250 FEET		
*MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING		
EXTINGUISHMENT REQUIREMENTS		THIS BUILDING IS FULLY SPRINKLERED
DETECTION, ALARM, AND COMMUNICATION SYSTEMS		MONITORED FIRE ALARM SYSTEM
ALLOWABLE HEIGHT AND BUILDING AREA		PER IBC EQUIVALENT CONSTRUCTION TYPE

BUILDING CODE INFORMATION

APPLICABLE CODES	
IBC 2015	
ASSEMBLY GROUP AS	(IBC 2015 CHAPTER 10)
OCCUPANT LOAD CALCULATIONS	(TABLE 1004.1.2)
ASSEMBLY 3 - GYMNASIUM - 8800 SQ. FT.	T NET
TOTAL OCCUPANTS	1,066 OCCUPANTS
CONSTRUCTION TYPE(S)	2 B (SECTION 602)
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION	
MAXIMUM HEIGHT IN FEET (SECTION 503 & 504, TABLE 504.4)	75
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 506.2)	38,000 SF
ACTUAL BUILDING AREA IN SQUARE FEET	29,326 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

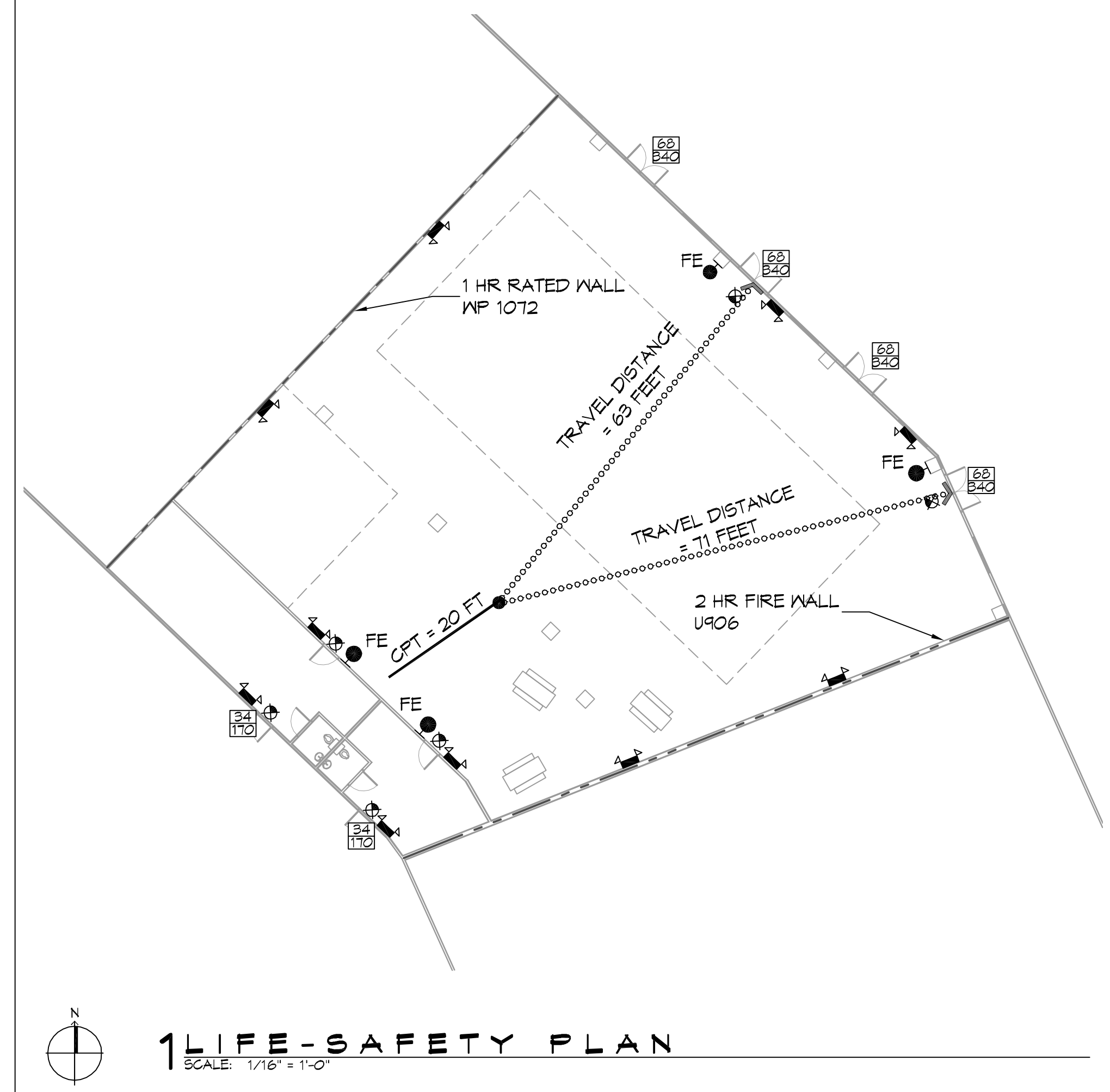
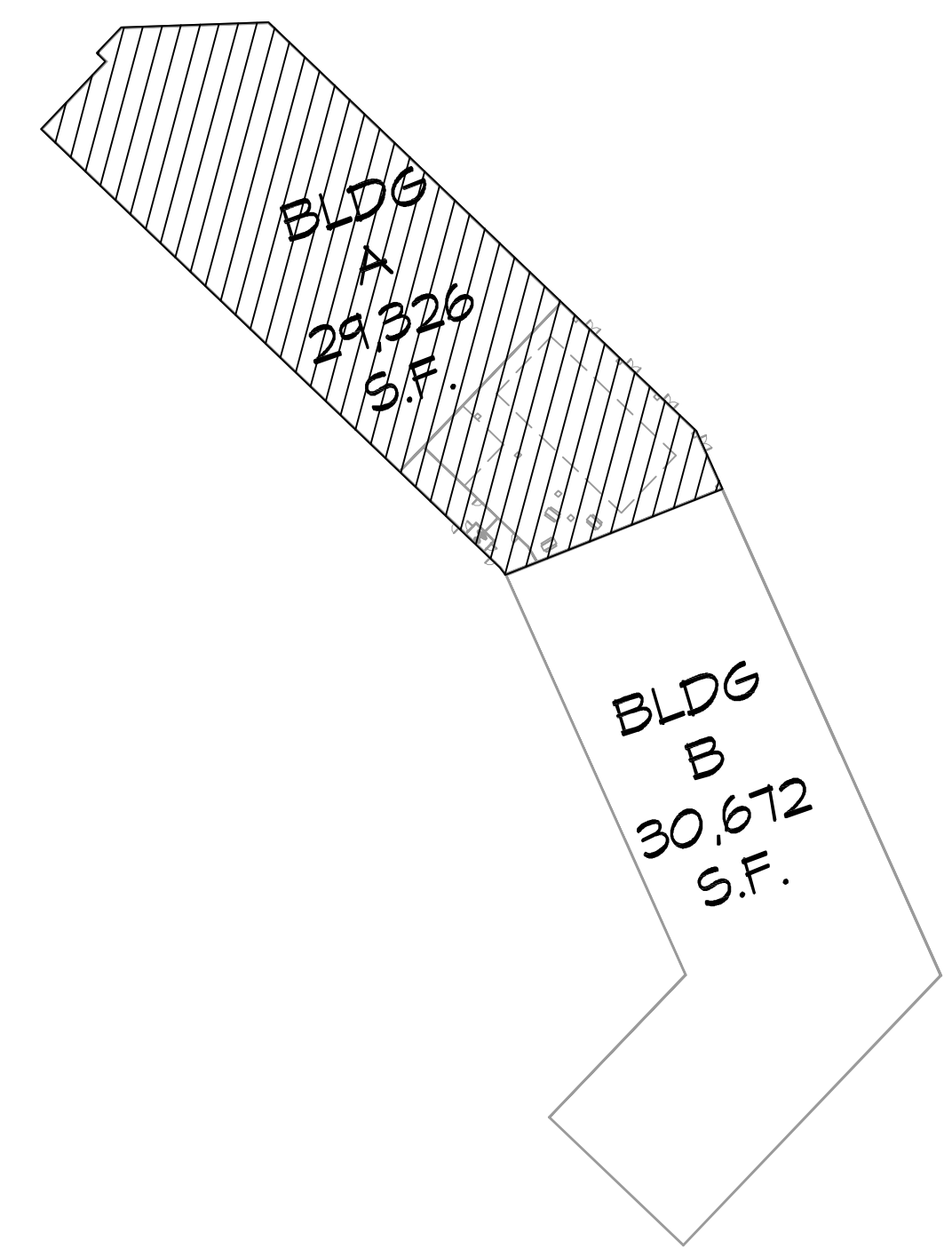
ULTIMATE WIND SPEED =	142 MPH (IBC FIG 1609C)	NOMINAL WIND SPEED =	V _{90s} = 110 MPH
RISK FACTOR:	CATEGORY II	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	B
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):		± 0.18	
LIVE LOADS (IBC SEC 1607)			
ASSEMBLY FIXED SEATING (IBC TABLE 1607.1):	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		
SNOW LOADS (IBC TABLE 1608):			
GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF		

FLOOD ZONE INFORMATION

BASED ON THE LSU FLOOD MAP PROPERTY IS IN ZONE AE, EL. 19 BASE FLOOD.

FLOOD ZONE:	AE	BASE FLOOD ELEVATION	19.0'
FIRM, COMMUNITY NUMBER	2201C0685F	DATE	04/30/2008

BRIDE ADORN CHURCH ACTIVITY CENTER SLIDELL LOUISIANA



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
	ONE-HOUR FIRE RATED PARTITION
	TWO-HOUR FIRE RATED PARTITION



SHEET INDEX

SHEET #	SHEET TITLE
0001	GENERAL PROJECT, LIFE-SAFETY, AND BUILDING CODE INFORMATION
C101	SITE PLAN
A101	FLOOR PLAN
E101	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

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Chief Engineer: Brian Mitchell, PE

#	DESCRIPTION	DATE



PROGRESSIVITY

DATE: 6/9/2021
DRAWN BY: JMS
CHECKED BY: RLD

1000 CARLISLE BLVD, SUITES 419 AND 421, SLIDELL, LA 70461

JOB No: 1000
DRAWN BY: JMS
CHECKED BY: RLD

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

DRAWING NUMBER:
GOO1

SHEET No: 1 of 4

THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES.

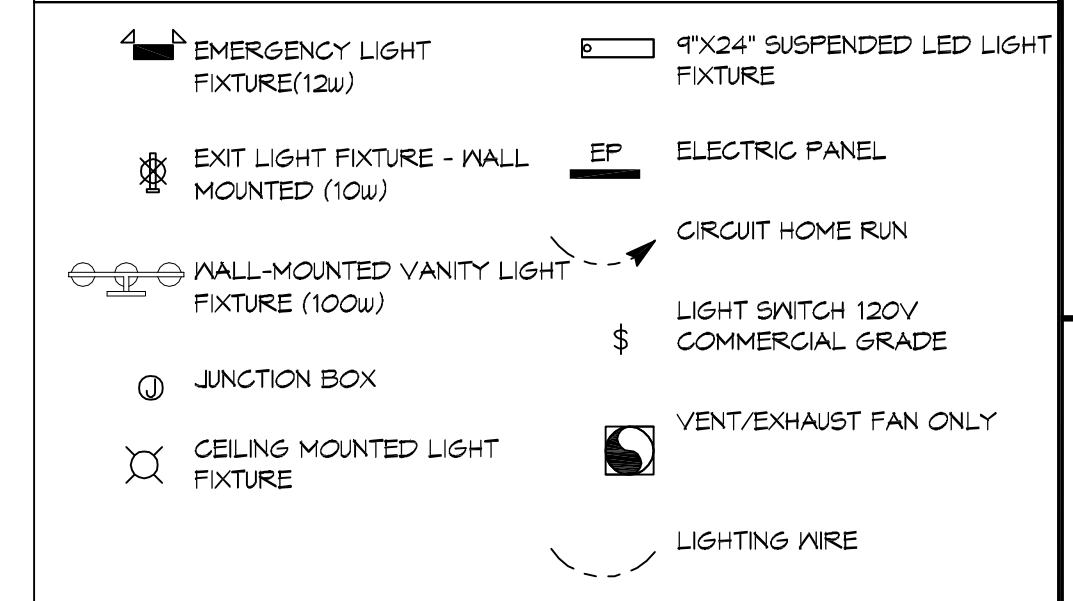
Symbol	Label	Qty	Arrangement	Manufacturer & Part Number	LLF	Lum. Lumens
A	A	29	SINGLE	VISION ENGINEERING VHB3-L1-90D-35K-X-X-CM-EWG (derated from 50K IES file)	0.740	12970

Label	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

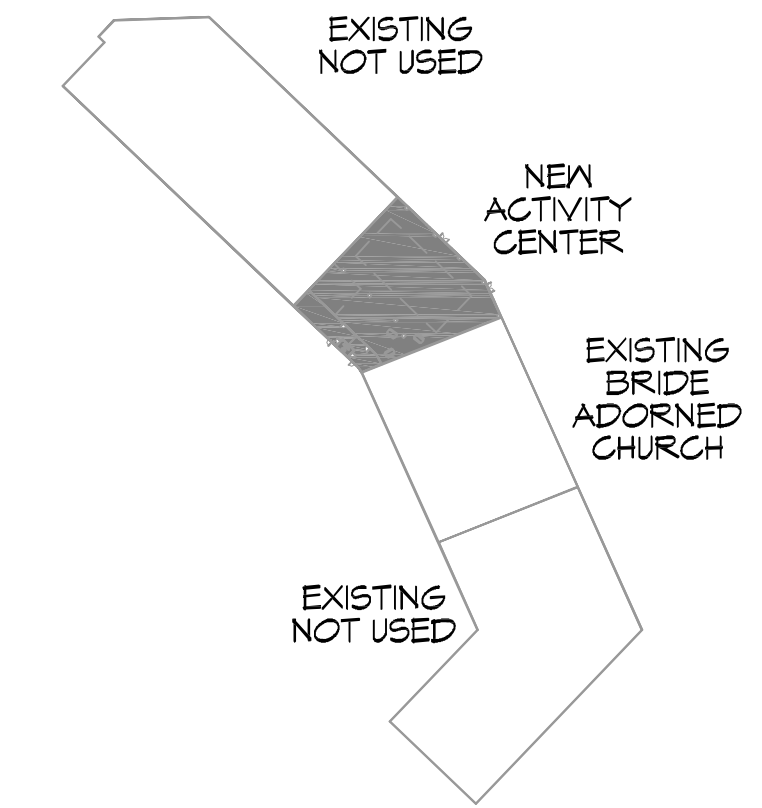
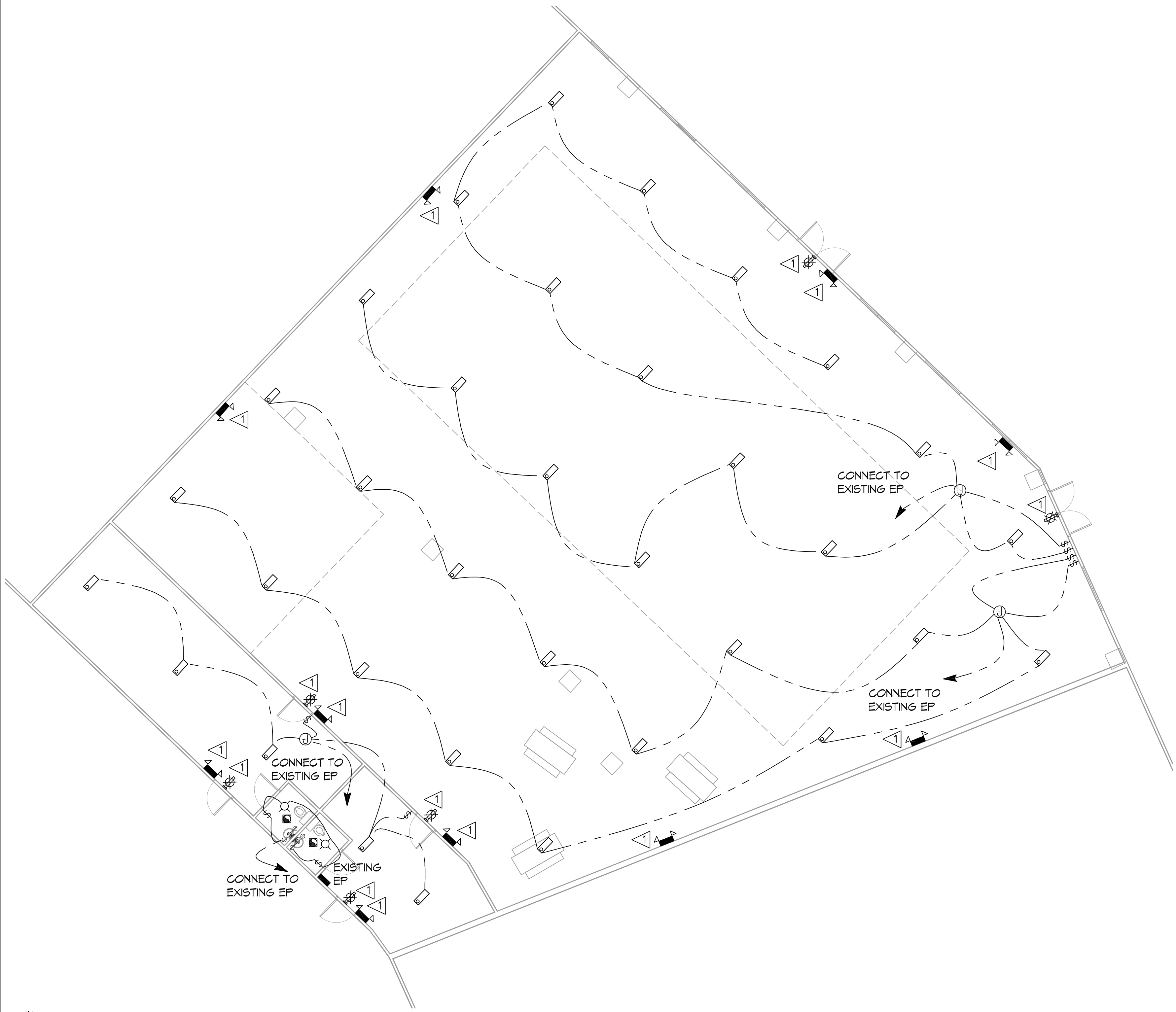
- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES 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 410.136.

LEGEND



KEYED NOTES

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



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

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

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REVISIONS	DATE	DESCRIPTION
#		



PRIORITY
ADORNED
CHURCH
DRY
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BRIE
BU
 1000 CARUSO BLVD.
 SUITES 418 AND 421
 SLIDELL, LA 70461
 JOB No: 6/5/2021
 DATE: 6/5/2021
 DRAWN BY: RLD
 CHECKED BY: CND

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