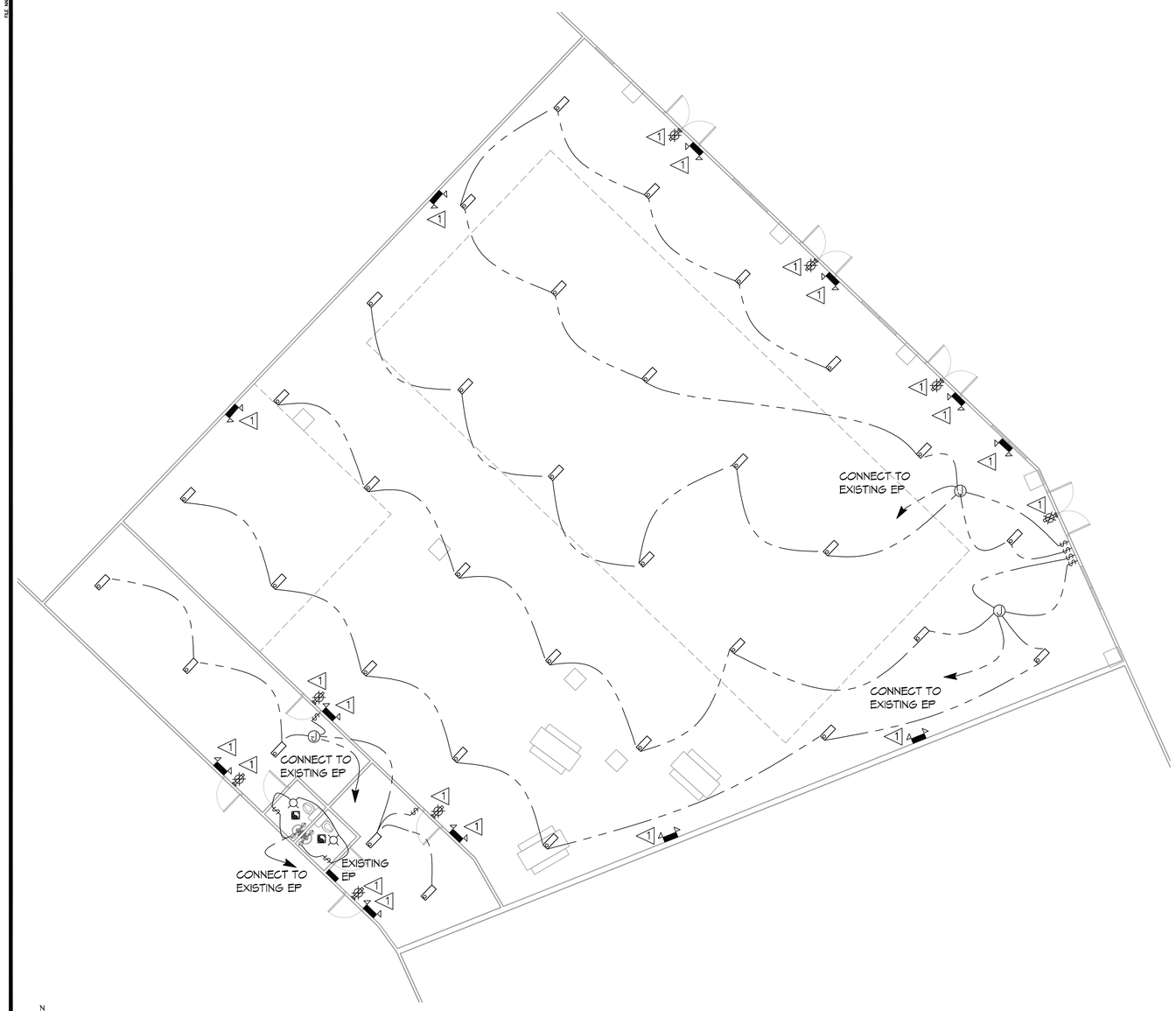
FILE NAME: J:\-SCHOOLS\Bride Adorned Church 20205 Grant\Current Drawings\E101 - Lighting Plans.dwg OLD DATE & TIME: Thursday, July 15, 2021 3:23:43 PM

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

Calculation Summary										
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



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

GENERAL LIGHTING NOTES

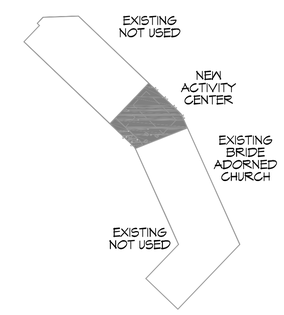
1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE AND LOCATION OF DEVICES AND/OR FIXTURES.
3. WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
4. ALL CONDUCTORS SHALL BE #12 AWG UNLESS NOTED OTHERWISE.
5. 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.
6. ALL CONDUCTORS SHALL BE COPPER.
7. WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
8. MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
9. 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.
10. EACH DIMMER SWITCH SHALL HAVE A WATTING RATING 25% HIGHER THAN THE TOTAL WATTAGE OF AL 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.
11. WHERE FLUORESCENT FIXTURES ARE SHOWN TO BE DIMMED, THE FIXTURES SHALL HAVE DIMMING TYPE BALLASTS WHICH ARE COMPATIBLE WITH THE SPECIFIED DIMMERS.
12. WHERE LED FIXTURES/LAMPS ARE SHOWN TO BE DIMMED, THE DIMMER SHALL BE COMPATIBLE WITH THE FIXTURE/LAMP SPECIFIED OR PROVIDED.
13. ALL EMERGENCY LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
14. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73G.

LEGEND

- EMERGENCY LIGHT FIXTURE(12w)
- EXIT LIGHT FIXTURE - WALL MOUNTED (10w)
- WALL-MOUNTED VANITY LIGHT FIXTURE (100w)
- JUNCTION BOX
- CEILING MOUNTED LIGHT FIXTURE
- 9"X24" SUSPENDED LED LIGHT FIXTURE
- EP ELECTRIC PANEL
- CIRCUIT HOME RUN
- $ LIGHT SWITCH 120V COMMERCIAL GRADE
- VENT/EXHAUST FAN ONLY
- LIGHTING WIRE

KEYED NOTES

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



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

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#	DESCRIPTION	DATE

REVISIONS

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DATE: 7/15/2021
JOB No:
DRAWN BY: RLD CHECKED BY: CAD

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SHEET TITLE:
LIGHTING PLAN

DRAWING NUMBER:
E101

SHEET No: 4 of 4