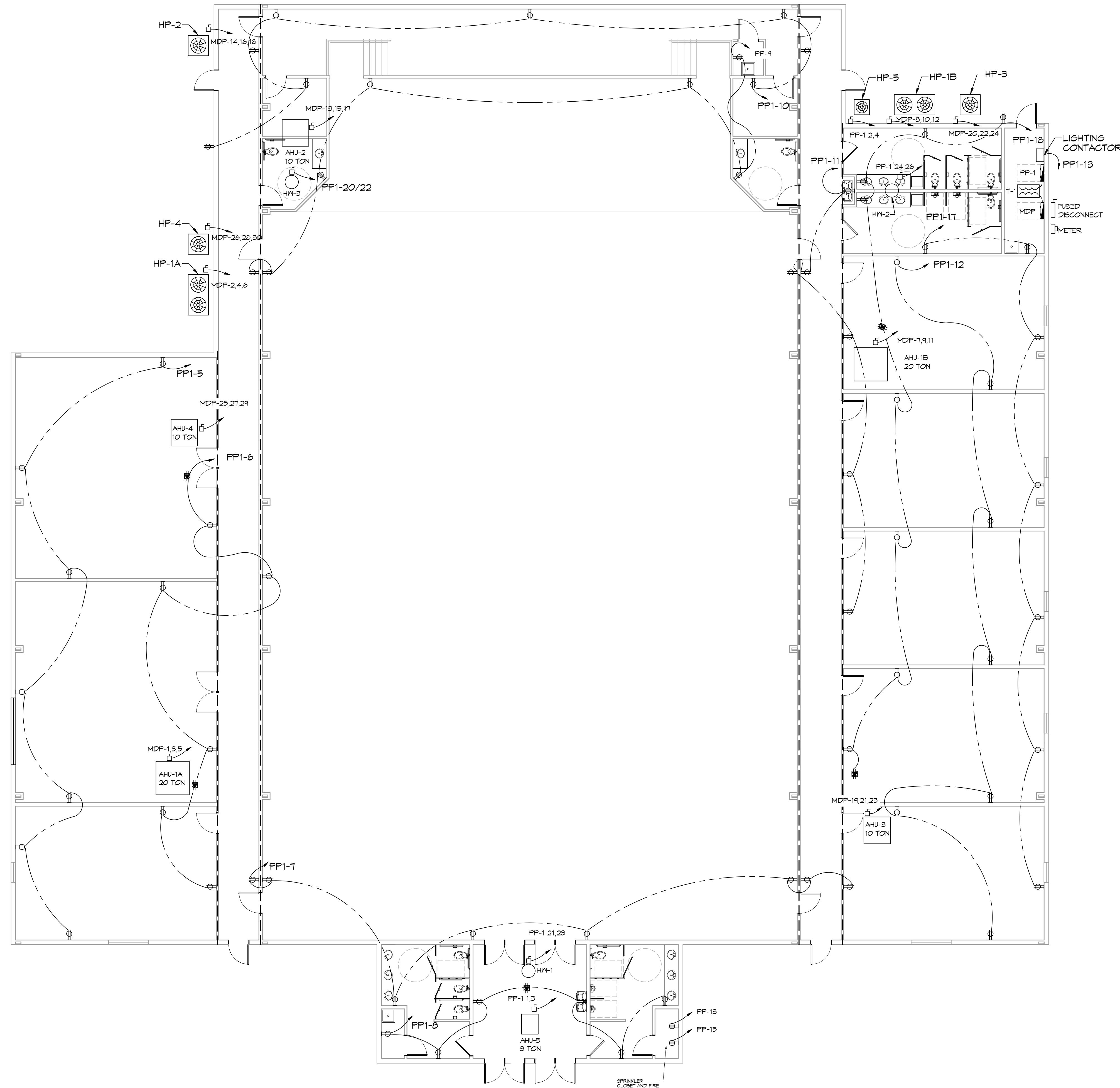


ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.



22 POWER PLAN
SCALE: 1/8"=1'-0"

GENERAL POWER NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
9. ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
10. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
11. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE NON-METALLIC CABLE (NMC) CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS IN WOOD FRAME CONSTRUCTION AREAS ONLY; IN STEEL FRAMING AREAS THE USE OF EMT (MINIMUM) IS REQUIRED; EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE STAMPED BOXES.
12. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
13. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
14. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70-230-63, NFPA 250-23, 250-T1 & 250-T2.
15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
16. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
18. EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.
19. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
20. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.

LEGEND

	DUPLEX RECEPTACLE - 20A 115V		ATTIC DUPLEX RECEPTACLE MOUNTED ABOVE DECK - 20A
	GFCI DUPLEX RECEPTACLE - 20A		DISCONNECT
	WEATHER PROOF GFCI DUPLEX RECEPTACLE - 20A		TELEPHONE/DATA RECEPTACLE
	FLOOR MOUNTED DUPLEX RECEPTACLE - 20A		HOME RUN

DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
 Chief Engineer: Brian Misch, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.5832 F: 985.641.5950

#	DESCRIPTION	DATE

1501 JAGUAR DR.
 SLIDELL, LA 70461
 JOB No: 01-25-2026
 DRAWN BY: CKD
 CHECKED BY: BAK

N E M A U D I T O R I U M
 P O P P E J O H N S O H N
 H I G H S C H O O L

SHEET TITLE:
 POWER PLAN

DRAWING NUMBER:
E101

Symbol	Label	Qty	Arrangement	Manufacturer & Part Number	LLF	Lum. Lumens
●	A1	19	SINGLE	JADEMAR - JPHBS-CPS-240W-1PD-100D-BK w/ PC Refractor (Set at 180Watt)	0.150	19724
●	A1E	8	SINGLE	JADEMAR - JPHBS-CPS-240W-1PD-100D-BK-JEMBBU-25W w/ PC Refractor (Set at 180Watt)	0.150	19724
●	B1	50	SINGLE	PORTOR - PT-TRO2-24-3CP (Set at 45Watt)	0.350	6190
●	B1E	15	SINGLE	PORTOR - PT-TRO2-24-3CP-PT-EM1-15W (Set at 45Watt)	0.350	6190
●	C1	8	SINGLE	PORTOR - PT-BLP-HO-24-67-5C4P (Set at 67Watt)	0.950	10433
●	C1E	1	SINGLE	PORTOR - PT-BLP-HO-24-67-5C4P-PT-EMA-8W (Set at 67Watt)	0.114	10433
●	D1	1	SINGLE	PORTOR - PT-BLP-24-40-3CP-9 (Set at 40Watt)	0.950	5355
●	D1E	1	SINGLE	PORTOR - PT-BLP-24-40-3CP-9-PT-EMA-8W (Set at 40Watt)	0.210	5355
●	F1	21	SINGLE	SOLAIS - BDLR6-1-PW-PW-WFL-940-1500-UNV	0.710	1715
●	F1E	8	SINGLE	SOLAIS - BDLR6-1-PWEM-PW-WFL-940-1500-UNV-EM	0.710	1715
●	G1	18	SINGLE	BROWNLIEE - 5165-24-H13-40K	0.950	1663
●	S1	2	SINGLE	BROWNLIEE - 7110-49-H32-40K	0.950	3757
●	S1E	1	SINGLE	BROWNLIEE - 7110-49-H32-40K-BB1	0.310	3757
●	WP1	8	SINGLE	PORTOR - PT-WPF-60-3CPB (Set at 40Watt)	0.950	5706
●	WP1E	4	SINGLE	PORTOR - PT-WPF-60-3CPBPT-EMN-15W-155 (Set at 40Watt)	0.395	5706

24 LUMINAIRE SCHEDULE

SCALE: NTS

SensorWorx Digital (SWD)			
Description	Quantity	Unit	Comments
SWD-203	8	Count	Digital High Bay 360° Ceiling Sensor - PIR
SWD-804-XX	2	Count	Digital 1-Zone Dimmer Wall Station (On/Off/Raise/Lower)
SWD-900-D1	1	Count	Digital Zone Controller, 120-277 VAC, 16A, 0-10V Dimming (Class 1 Dimming Wires)
SWX-121-XX	2	Count	Wall Switch Sensor, Dual Tech, Auto On
SWX-122-XX	2	Count	Wall Switch Sensor, Dual Tech, 2 Pole, Partial On with Sidecar Kit, Line Voltage
SWX-222-1	26	Count	Ceiling Sensor, Dual Tech, Large Motion 360°, Low Voltage
SWX-801-XX	15	Count	Momentary Wall Switch, Low Voltage
SWX-803-XX	8	Count	Dimming Wall Switch, Low Voltage, 0-10V
SWX-900-AX	21	Count	Power Pack, 16A, 120/277VAC, Auxiliary Switch Input
SWX-EPC-A-2-D	17	Count	Emergency Power + 0-10V Dimming Control, Chase Nipple Mounted

25 SENSOR SCHEDULE

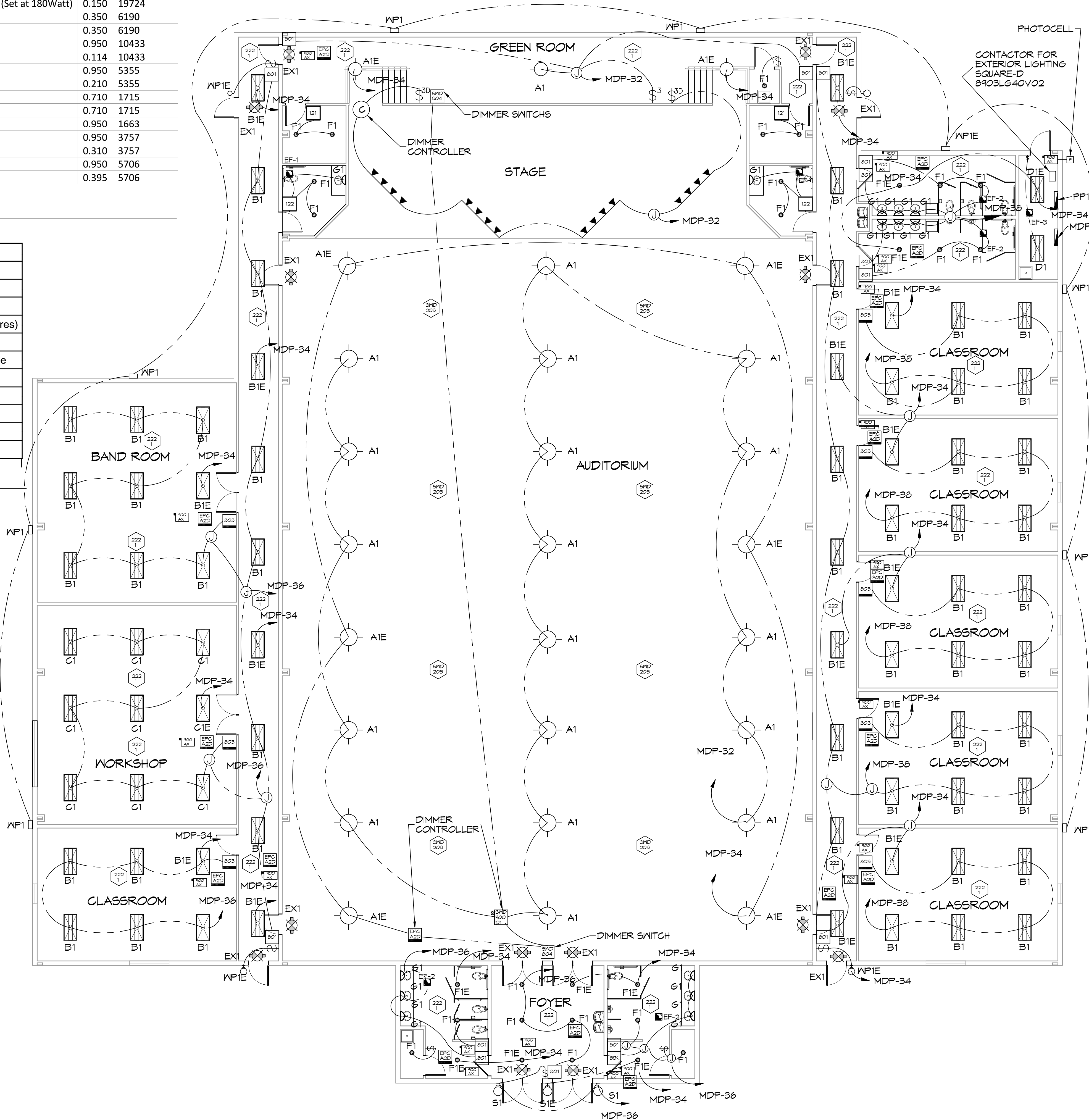
SCALE: NTS

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 INCLUSIVE 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 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.

LIGHTING LEGEND

EF?	EXHAUST FAN - 480V
WP1	EXTERIOR WEATHERPROOF WALL MOUNTED LIGHT IV 90 MIN. BATTERY BACKUP - 100W
WP2	EXTERIOR WEATHERPROOF CAN LIGHT - 90W
TR1	DIRECTIONAL TRACK STAGE LIGHTING 400W PER FIXTURE - 1200W TOTAL
EX1	EMERGENCY EXIT LIGHT IV 90 MIN. BATTERY BACKUP - 12W
☐	PHOTOCELL DAYLIGHT SENSOR
⊕	LIGHT SWITCH, 277V
⊕ ₃	LIGHT SWITCH, 3 WAY, 277V
⊕ ₃ D	LIGHT SWITCH, 3 WAY, DIMMER, 277V
⊙	JUNCTION BOX



23 LIGHTING PLAN

SCALE: 1/8"=1'-0"

DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
 Chief Engineer: Brian Misch, PE
 554 Old Spanish Trail
 Slidell, LA 70688
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.5832 F: 985.641.5950

#	DESCRIPTION	DATE

REVISIONS	DATE

NEW AUDITORIUM
 POPE JOHN PAUL II
 HIGH SCHOOL
 1501 LAJARR DE
 SLIDELL, LA 70661
 JOB No: 2522 DATE: 01-26-2026
 DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:
 LIGHTING PLAN
 DRAWING NUMBER:
E102
 SHEET No: 16 of 17

