

PANELBOARD: LA

LOCATION: RISER/ELEC B107 VOLTAGE: 208Y/120 V, 3 @ 4 W.
MOUNTING: SURFACE NEMA1 A.I.C. RATING: 27,000 AMPS SYMMETRICAL
MAIN DEVICE: 400.0 A MLO SPECIAL:
BUS AMPS: 400 AMPS FED FROM: UTILITY

| LOAD NAME | NOTE | BKR | P | CKT | A | B | C | CKT | P | BKR | NOTE | LOAD NAME | |
|---|-----------|---------|-----------|-------------------------------------|--------|---------|--------|-----|-----|------|------|-----------|-------|
| K-1 WARM OVEN | 1 | 35 A | 2 | 1 | 2.6 | 1.5 | | 2 | 1 | 20 A | | WH-1 | |
| K-1 WARM OVEN | 1 | 35 A | 2 | 5 | | | 2.6 | 5.0 | 6 | | | WH-2 | |
| K-2 MICROWAVE | 1 | 20 A | 1 | 9 | 2.6 | 5.0 | 1.5 | 5.0 | | 3 | 60 A | RTU-1 | |
| K-3 DBL OVEN | 1 | 60 A | 2 | 11 | 4.5 | 5.0 | | 12 | | | | RTU-2 | |
| K-3 DBL OVEN | 1 | 60 A | 2 | 17 | 4.5 | 5.0 | | 18 | | | | RTU-3 | |
| K-5 RANGE | 1 | 70 A | 2 | 19 | 5.2 | 2.7 | | 20 | 3 | 40 A | | | |
| K-6 FRIDGE | 1 | 20 A | 1 | 23 | | | 1.0 | 0.5 | 24 | 1 | 20 A | KH-1 | |
| K-7 FREEZER | 1 | 20 A | 1 | 25 | 1.0 | 0.0 | | | 26 | 1 | 20 A | SPARE | |
| K-8 ICE MAKER | 1 | 20 A | 1 | 27 | | 0.8 | 0.0 | | 28 | 1 | 20 A | SPARE | |
| K-9 DISHWASHER | 1 | 20 A | 1 | 31 | 0.9 | 0.0 | | 0.6 | 0.0 | 30 | 1 | 20 A | SPARE |
| SPARE | 1 | 20 A | 1 | 33 | | 0.0 | -- | | 34 | 1 | -- | SPACE | |
| SPARE | 1 | 20 A | 1 | 35 | | 0.0 | -- | | 36 | 1 | -- | SPACE | |
| TVSS | | 60 A | 3 | 39 | | 0.0 | -- | | 40 | 1 | -- | SPACE | |
| | | | | 41 | | 0.0 | -- | | 42 | 1 | -- | SPACE | |
| TOTAL LOAD: | | | | | 36 kVA | 33 kVA | 30 kVA | | | | | | |
| TOTAL AMPS: | | | | | 304 A | 278.2 A | 252 A | | | | | | |
| LOAD CLASSIFICATION | CONNECTED | DEMAND | ESTIMATED | PANEL TOTALS | | | | | | | | | |
| HVAC | 38516 VA | 100.00% | 38516 VA | | | | | | | | | | |
| Other | 500 VA | 100.00% | 500 VA | CONNECTED LOAD: 99227 VA | | | | | | | | | |
| RECEPTACLES | 11120 VA | 94.96% | 10560 VA | ESTIMATED DEMAND: 84249 VA | | | | | | | | | |
| FIRE ALARM | 600 VA | 100.00% | 600 VA | CONNECTED CURRENT: 275.4 A | | | | | | | | | |
| MTR | 88 VA | 111.36% | 98 VA | EST. DEMAND CURRENT: 233.9 A | | | | | | | | | |
| KTCH | 44462 VA | 65.00% | 28900 VA | | | | | | | | | | |
| HEAT | 3000 VA | 100.00% | 3000 VA | | | | | | | | | | |
| LITES | 3319 VA | 125.00% | 4149 VA | | | | | | | | | | |
| NOTES: SECTION 1 OF 2, PROVIDE FEED THRU LUGS 1. PROVIDE GFCI BREAKER | | | | | | | | | | | | | |

PANELBOARD: LB

LOCATION: RISER/ELEC B107 VOLTAGE: 208Y/120 V, 3 @ 4 W.
MOUNTING: SURFACE NEMA1 A.I.C. RATING: 27,000 AMPS SYMMETRICAL
MAIN DEVICE: 400.0 A MLO SPECIAL:
BUS AMPS: 400 AMPS FED FROM: LA

| LOAD NAME | NOTE | BKR | P | CKT | A | B | C | CKT | P | BKR | NOTE | LOAD NAME |
|--|-----------|---------|-----------|------------------------------------|-------|--------|-------|-----|----|------|------|-------------|
| LITES | | 20 A | 1 | 1 | 0.9 | 0.5 | | 2 | 1 | 20 A | | TIMELOCK |
| LITES | | 20 A | 1 | 3 | | | 0.9 | 0.4 | | 4 | | WALL PACKS |
| LITES | | 20 A | 1 | 5 | | | 0.5 | 0.2 | 6 | 1 | 20 A | PATIO LITES |
| LITES | | 20 A | 1 | 7 | 0.6 | 0.4 | | | 8 | 1 | 20 A | RECEPTACLES |
| RECEPTACLES | | 20 A | 1 | 9 | | | 0.7 | 0.2 | | 10 | | 20 A |
| RECEPTACLES | | 20 A | 1 | 11 | | | 0.5 | 0.4 | 12 | 1 | 20 A | RECEPTACLES |
| RECEPTACLES | | 20 A | 1 | 13 | 0.5 | 0.4 | | | 14 | 1 | 20 A | RECEPTACLES |
| RECEPTACLES | | 20 A | 1 | 15 | | | 0.9 | 0.4 | | 16 | | 20 A |
| RECEPTACLES | | 20 A | 1 | 17 | | | 1.1 | 0.4 | 18 | 1 | 20 A | RECEPTACLES |
| RECEPTACLES | | 20 A | 1 | 19 | 0.5 | 0.4 | | | 20 | 1 | 20 A | RECEPTACLES |
| RECEPTACLES | | 20 A | 1 | 21 | | | 0.4 | 0.4 | | 22 | | 20 A |
| RECEPTACLES | | 20 A | 1 | 23 | | | 0.5 | 0.4 | 24 | 1 | 20 A | RECEPTACLES |
| RECEPTACLES | | 20 A | 1 | 25 | 0.5 | 0.6 | | | 26 | 1 | 20 A | 2 FACP |
| RECEPTACLES | | 20 A | 1 | 27 | | 0.5 | 0.0 | | 28 | 1 | 20 A | SPARE |
| RECEPTACLES | | 20 A | 1 | 29 | | | 0.4 | 0.0 | 30 | 1 | 20 A | SPARE |
| RECEPTACLES | | 20 A | 1 | 31 | 0.4 | 0.0 | | | 32 | 1 | 20 A | SPARE |
| RECEPTACLES | | 20 A | 1 | 33 | | 0.4 | 0.0 | | 34 | 1 | 20 A | SPARE |
| RECEPTACLES | | 20 A | 1 | 35 | | | 0.4 | -- | 36 | 1 | -- | SPACE |
| ROOF RECEPTACLES | | 20 A | 1 | 37 | 0.4 | -- | | | 38 | 1 | -- | SPACE |
| SPARE | | 20 A | 1 | 39 | | 0.0 | -- | | 40 | 1 | -- | SPACE |
| SPARE | | 20 A | 1 | 41 | | 0.0 | -- | | 42 | 1 | -- | SPACE |
| TOTAL LOAD: | | | | | 6 kVA | 5 kVA | 5 kVA | | | | | |
| TOTAL AMPS: | | | | | 50 A | 42.1 A | 38 A | | | | | |
| LOAD CLASSIFICATION | CONNECTED | DEMAND | ESTIMATED | PANEL TOTALS | | | | | | | | |
| Other | 500 VA | 100.00% | 500 VA | | | | | | | | | |
| RECEPTACLES | 11120 VA | 94.96% | 10560 VA | CONNECTED LOAD: 15549 VA | | | | | | | | |
| FIRE ALARM | 600 VA | 100.00% | 600 VA | ESTIMATED DEMAND: 15816 VA | | | | | | | | |
| MTR | 88 VA | 111.36% | 98 VA | CONNECTED CURRENT: 43.2 A | | | | | | | | |
| LITES | 3319 VA | 125.00% | 4149 VA | EST. DEMAND CURRENT: 43.9 A | | | | | | | | |
| NOTES: SECTION 2 OF 2 2. LABEL CIRCUIT PER NEC 2023 FOR FIRE ALARM CONTROL. PROVIDE HASP LOCK FOR BREAKER. | | | | | | | | | | | | |

COMcheck Software Version 4.1.5.5
Interior Lighting Compliance Certificate

Project Information
Energy Code: 2015 IECC
Project Title: Madison Methodist Phase 2: Party Barn
Project Type: Alteration

Construction Site: 1091 Confederate Highway, Madison, GA 30650
Owner/Agent:
Designer/Contractor: Electrical Design Consultants, 175 New Street, Suite 1, Macon, GA 31210

| Area Category | Floor Area (ft ²) | Allowed Watts / ft ² | Allowed Watts (B X C) |
|-----------------------------------|-------------------------------|---------------------------------|-----------------------|
| 1-Convention Center | 6095 | 1.01 | 6156 |
| Total Allowed Watts = 6156 | | | |

| Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | Lamps/ Fixture | # of Fixtures | Fixture Watt. (C X D) |
|--|----------------|---------------|-----------------------|
| Convention Center (6095 sq.ft.) | | | |
| A: A: 6 IN. COMMERCIAL CYLINDER, LED Other Fixture Unit 28W: | 1 | 66 | 29 |
| B: B: 2 FT. X 4 FT. GASKETED TROFFER, LED Panel 54W: | 1 | 7 | 49 |
| C: C: 2 FT. X 4 FT. TROFFER, LED Panel 54W: | 1 | 8 | 50 |
| D: D: 2 FT. X 2 FT. TROFFER, LED Panel 33W: | 1 | 4 | 34 |
| Total Proposed Watts = 2793 | | | |

Interior Lighting PASSES

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Jeffrey H. McGee, PE
Name - Title: Signature: Date: 03/10/26

Project Title: Madison Methodist Phase 2: Party Barn Report date: 03/10/26
Data filename: Z:\2026 CAD\26023 Madison Methodist Phase 2\WORKING DRAWINGS\ELECTRICAL\Lighting\Madison Methodist Phase 2 COMcheck.cck

COMcheck Software Version 4.1.5.5
Exterior Lighting Compliance Certificate

Project Information
Energy Code: 2015 IECC
Project Title: Madison Methodist Phase 2: Party Barn
Project Type: Alteration
Exterior Lighting Zone: 2 (Residential mixed use area (LZZ))

Construction Site: 1091 Confederate Highway, Madison, GA 30650
Owner/Agent:
Designer/Contractor: Electrical Design Consultants, 175 New Street, Suite 1, Macon, GA 31210

| Area/Surface Category | Quantity | Allowed Watts / Unit | Tradable Wattage | Allowed Watts (B X C) |
|---|-----------|----------------------|------------------|-----------------------|
| Exterior Perimeter (Walkway < 10 feet wide) | 340 ft of | 0.7 | Yes | 238 |
| Total Tradable Watts (a) = 238 | | | | |
| Total Allowed Watts = 238 | | | | |
| Total Allowed Supplemental Watts (b) = 600 | | | | |

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

| Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | Lamps/ Fixture | # of Fixtures | Fixture Watt. (C X D) |
|---|----------------|---------------|-----------------------|
| Exterior Perimeter (Walkway < 10 feet wide, 340 ft of walkway length): Tradable Wattage | 1 | 8 | 47 |
| OA: OA: ARCHITECTURAL WALL PACK, LED Other Fixture Unit 60W: | 1 | 7 | 32 |
| OB: OB: ARCHITECTURAL WALL PACK, LED Other Fixture Unit 38W: | | | |
| Total Tradable Proposed Watts = 600 | | | |

Exterior Lighting PASSES

Compliance Statement: The proposed exterior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Jeffrey H. McGee, PE
Name - Title: Signature: Date: 03/10/26

Project Title: Madison Methodist Phase 2: Party Barn Report date: 03/10/26
Data filename: Z:\2026 CAD\26023 Madison Methodist Phase 2\WORKING DRAWINGS\ELECTRICAL\Lighting\Madison Methodist Phase 2 COMcheck.cck