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ENGINEER OF RECORD

I HEREBY CERTIFY THAT THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE 6TH EDITION, 2017 FBC AND 2014 NEC.

PERMIT DRAWINGS FOR:

PALMETTO UMC ANNEX BUILDING

5601 16TH AVE EAST CHURCH
PALMETTO, FL 34221

OWNER: FAMILY OF GOD UNITED METHODIST

ADDRESS: 5601 16TH AVE EAST PALMETTO, FL 34221

TELEPHONE: (352) 729-6055

EMAIL: PALMETTOUMC@HOTMAIL.COM

OWNER'S REPRESENTATIVE:
FRANK COSEGLIA, CHAIRMAN LEADERSHIP COUNCIL

REVISIONS

| NO | DATE | DESCRIPTION |
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PROJECT NO: Project Number

FILE:

DRAWN BY: Author CHKD BY: Checker

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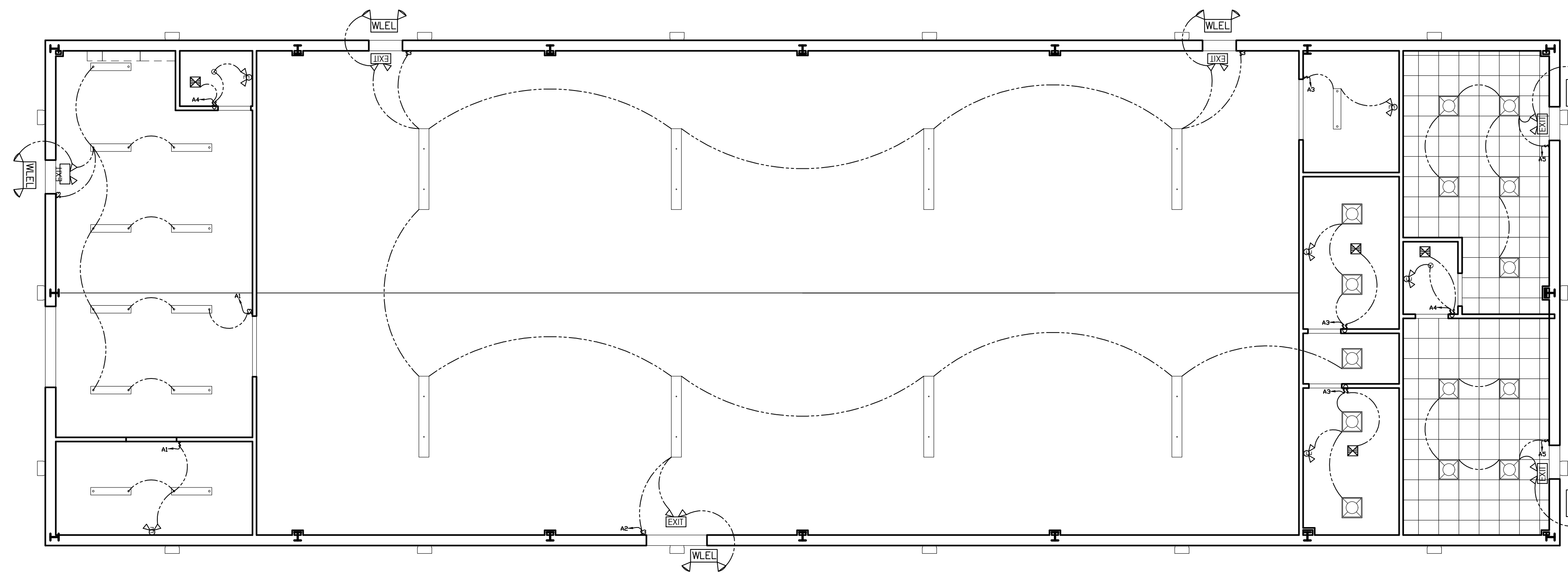
SHEET TITLE:

ELECTRICAL LIGHTING PLAN

SHEET COUNT: OF

SHEET IDENTIFICATION:

E1



E1 ELECTRICAL LIGHTING PLAN

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

| ELECTRICAL LEGEND: | |
|---|---------------------|
| - WALL SWITCH WITH AUTOMATIC LIGHTING CONTROL SENSORS | S |
| - (3)WAY SWITCH WITH AUTOMATIC LIGHTING CONTROL SENSORS | S3 |
| - CABLE | ⊙ |
| - SMOKE/CARBON MONOXIDE DETECTOR | ⊙ (with crosshairs) |
| - EXHAUST FAN (SEE M1 SHEET) | ⊙ (with crosshairs) |
| - BREAKER PANEL "200 AMP. MIN." | ⊖ |
| - CEILING LIGHT | ⊙ (with crosshairs) |
| - COACH LIGHT | ⊙ (with crosshairs) |
| - DROP LIGHTS | ⊙ (with crosshairs) |
| - STRIP LIGHTS | — |
| - RECESSED LIGHT | ⊙ |
| - 48" (2-BULB) | ⊖ |
| - EMERGENCY LIGHTS | ⊙ (with crosshairs) |
| - EMERGENCY FLOOD LIGHTS/EXIT SIGN | ⊙ (with crosshairs) |
| - LITHONIA (MODEL WLTU MR) OR EQUIVALENT UL LISTED, WET LOCATION LISTED EMERGENCY FLOOD LIGHT (MEETS UL924, NFPA 101, NFPA 70-NEC & OSHA STANDARDS) | ⊙ (with crosshairs) |
| - CIRCUIT BREAKER ID IN ELECTRICAL PANEL | A1 |

ELECTRICAL NOTES:

- 1) ALL ELECTRICAL CONSTRUCTION AND/OR MODIFICATIONS SHALL CONFORM WITH THE 6TH EDITION, 2017 FLORIDA BUILDING CODE AS WELL AS THE 2014 EDITION OF THE NATIONAL ELECTRIC CODE [N.E.C.].
- 2) MINIMUM WIRE SIZE SHALL BE NO. 14 THW CU.
- 3) ALL COMMERCIAL INSTALLATIONS SHALL BE WITH EMT CONDUIT OR MC CABLE. CHECK WITH LOCAL CODE REQUIREMENTS.
- 4) VERIFY EXACT LOCATIONS OF RECEPTACLES, SWITCHES, ETC., WITH OWNER AND/OR GENERAL CONTRACTOR.
- 5) ALL EMERGENCY LIGHTING SHALL BE EQUIPPED WITH BATTERY BACKUPS, WITH INTERNAL BATTERIES. ALL EXIT SIGN ARROWS SHALL POINT TOWARDS CLOSEST EXIT OF BUILDING.
- 6) ALL LIGHTING EQUIPMENT SHALL BE U.L. APPROVED. ALL WIRING SHALL BE IN ACCORDANCE WITH MANUFACTURER SPECIFICATION. ALL WIRING SHALL BE RATED A MINIMUM 150C. ELECTRICAL CONTRACTOR TO PROVIDE TEMPORARY LIGHTING AND POWER AS REQUIRED DURING CONSTRUCTION. ELECTRICAL SUB CONTRACTOR IS RESPONSIBLE FOR SECURING ELECTRICAL PERMITS AND INSPECTIONS AS REQUIRED BY THE LOCAL BUILDING DEPARTMENT.
- 7) EMERGENCY LIGHTING SHALL BE DESIGNED TO AUTOMATICALLY ILLUMINATE EXIT ROUTES. IN THE EVENT OF AN EMERGENCY PER NFPA 101 SECTION 7.9.2.2, AN EMERGENCY IS DEFINED AS FAILURE OF THE MAIN POWER SUPPLY OR OPENING OF A FUSE ON THE ELECTRICAL PANEL. IT MAY ALSO BE DEFINED AS ANY MANUAL ACT WHICH DIRECTLY OR INDIRECTLY EFFECTS NORMAL LIGHT LEVELS. EMERGENCY LIGHTING MUST BE IN CONTINUOUS OPERATION OR SHOULD BE ABLE TO OPERATE AUTOMATICALLY IN SEPARATE OCCURENCES WITH NO NEED FOR A MANUAL RESET.
- 8) ELECTRICAL SUB CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL ELECTRICAL INFORMATION SHOWN ON THESE ELECTRICAL PLANS AND HE SHALL ALSO BE RESPONSIBLE FOR MAKING ANY NECESSARY CORRECTIONS TO BREAKER SIZES IN THE FIELD TO ENSURE THAT THE PROPOSED PROJECT HAS SUFFICIENT POWER AVAILABLE. ANY MAJOR CHANGES TO THESE ELECTRICAL PLANS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO ISSUANCE OF THE CITY OF PLANT CITY BUILDING PERMIT AND PRIOR TO ORDERING OF MATERIALS/SUPPLIES SO THAT THE PLANS CAN BE MODIFIED PRIOR TO ISSUANCE OF THE BUILDING PERMIT.
- 9) THE ELECTRICAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING LOW VOLTAGE PLANS TO THE CITY OF PLANT CITY FOR PERMITTING AND NO LOW VOLTAGE WORK SHALL BE PERFORMED UNTIL PERMITS HAVE BEEN OBTAINED FROM THE CITY OF PLANT CITY BY THE ELECTRICAL SUBCONTRACTOR.
- 10) FBC 1008 , NFPA 101 REQUIRES THAT EMERGENCY EGRESS LIGHTING BE PROVIDED IN ALL AISLES, CORRIDORS & PASSAGEWAYS LEADING TO AN EXIT PROVIDING NOT LESS THAN 1.5 HOURS OF BACKUP LIGHTING & AN AVERAGE OF 1 FOOT CANDLE AT ANY POINT & NOT LESS THAN A MINIMUM OF 0.10 FOOT CANDLE ALONG THE PATH OF EGRESS.