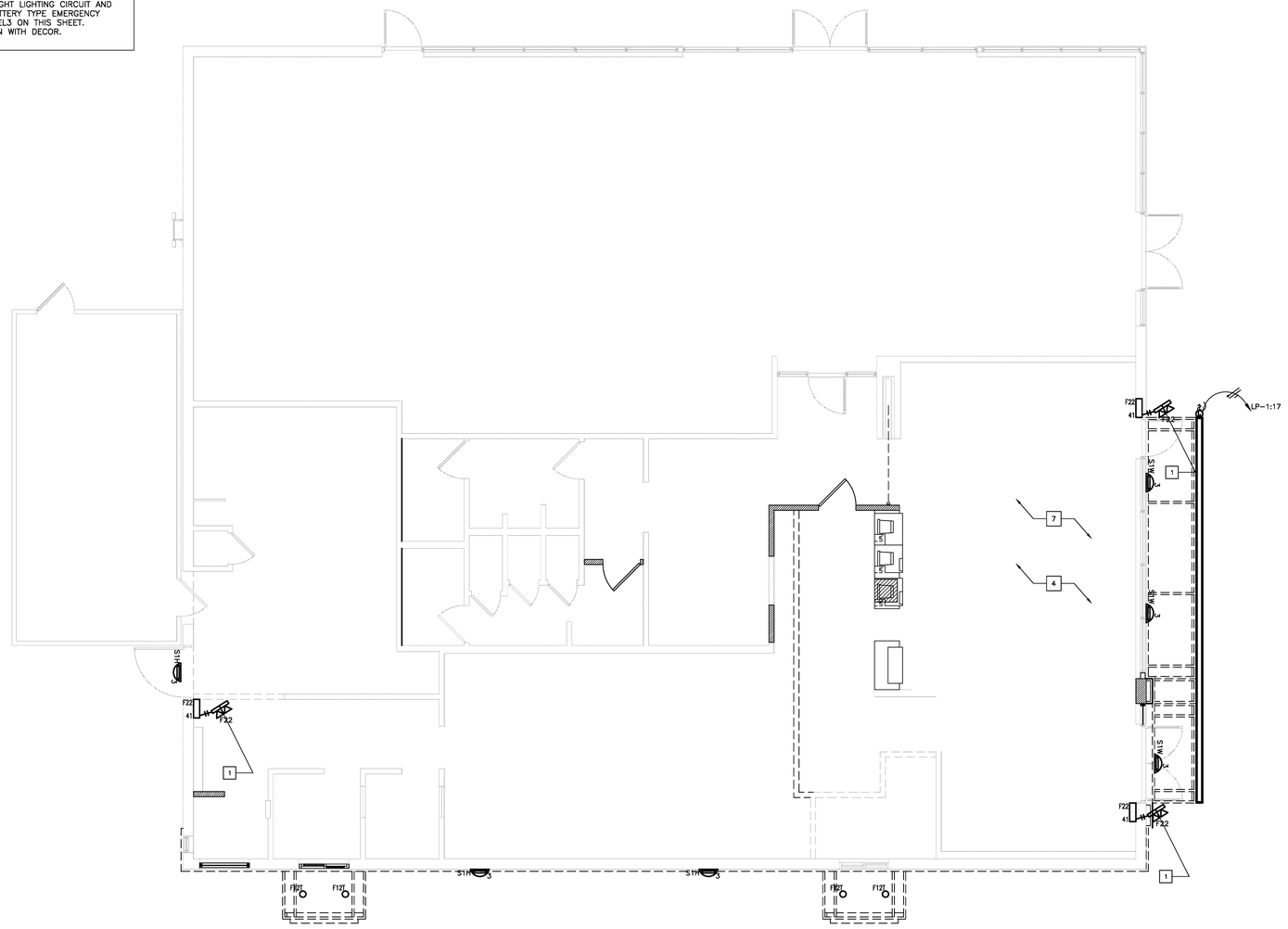
KEY

DENOTES FIXTURE TYPE — F2
DENOTES CIRCUIT NUMBER — A1

LIGHTING FIXTURES SHOWN HALF SHADED SHALL BE WIRED TO THE NIGHT LIGHTING CIRCUIT AND PROVIDED WITH A BATTERY TYPE EMERGENCY BALLAST. SEE NOTE EL3 ON THIS SHEET. COORDINATE LOCATION WITH DECOR.



1 E2.0 ELECTRICAL LIGHTING PLAN
3/16" = 1'-0"

EMERGENCY LIGHTING NOTES

EL1. EC SHALL INSTALL A LOCK ON CIRCUIT BREAKER HANDLE, FOR ALL EMERGENCY LIGHTING CIRCUITS. EC SHALL VERIFY ALL REQUIREMENTS AND FINAL EMERGENCY LIGHTING LOCATIONS WITH LOCAL AUTHORITIES. INCLUDE ALL COSTS IN BASE BID.

EL2. IF NOT INSTALLED BY MANUFACTURER, EC SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF THE EMERGENCY INVERTER BALLAST IN NIGHT LIGHTING FIXTURES SHOWN ON THIS SHEET.

EL3. ALL FIXTURES DENOTED AS NIGHT LIGHTING FIXTURES SHALL BE PROVIDED WITH A BATTERY INVERTER EMERGENCY TYPE BALLAST. EMERGENCY BALLAST SHALL BE A TWO LAMP TYPE OF 600- 700 INITIAL LUMEN RATED (MINIMUM) TO ILLUMINATE FIXTURE IN THE EVENT OF A POWER FAILURE. BALLAST BATTERY SHALL MAINTAIN 87.5% OF THE NOMINAL BATTERY VOLTAGE AFTER 1.5 HOURS TO COMPLY WITH NEC SECTION 700 AND UL924. BALLAST SHALL BE AS MANUFACTURED BY BODINE, (MODEL B60 FOR T8 APPLICATIONS) SECURITY LIGHTING (MODEL UF0120 FOR COMPACT FLUORESCENT APPLICATIONS) OR AN APPROVED EQUAL TO MEET THE SPECIFICATIONS LISTED ABOVE. LED FIXTURES DENOTED AS NIGHT LIGHTING SHALL BE APPROVED WITH DUAL LITE LIGHTING INVERTER MODEL # LG125T. INVERTER SHALL BE CAPABLE OF ILLUMINATING FIXTURE FOR 1.5 HOURS TO COMPLY WITH NEC SECTION 700 AND UL924. E.C. SHALL NOT INSTALL MORE THEN EIGHT FIXTURES TO EACH INVERTER. PROVIDE ADDITIONAL INVERTERS AS NECESSARY.

EL5. EMERGENCY LIGHTING HAS BEEN DESIGNED PER NFPA 101 TO MAINTAIN 1 FC IN PATH OF EGRESS. IF FIELD CONDITIONS REQUIRE ANY CHANGES TO LIGHTING DESIGN, EMERGENCY LIGHTING, SHALL BE INSTALLED TO MEET THE ABOVE REQUIREMENTS.

SEE DRAWING E1.0 FOR LIGHTING FIXTURE SCHEDULE

GENERAL NOTES FOR DRAWING E2.0:

OUTDOORS

P1. E.C. SHALL PROVIDE AN ADDITIVE ALTERNATE COST (ELEC-DT-1) TO PROVIDE POWER FOR A NEW MENU BOARD, POWER AND DATA FEEDS AND CONNECTIONS FOR A NEW COD, AND A LANE MONITOR. COD LOCATIONS SHALL EACH BE PROVIDED WITH A NEW ISOLATED GROUNDING TYPE CIRCUIT, AND A NEW 2" DATA CONDUIT TO NEW LOCATION. ALL WORK AND INSTALLATION LOCATIONS SHALL BE COORDINATED WITH THE MCDONALD'S PROJECT MANAGER PRIOR TO INSTALLATION.

P2. E.C. SHALL PROVIDE POWER FOR NEW EXTERIOR LAWN MOUNTED WALL WASHING LIGHT FIXTURES AS LOCATED ON SITE PLAN.

KEY NOTES

1. EC SHALL INSTALL AND CONFIGURE REMOTE EMERGENCY LIGHTING AT ALL EGRESS EXTERIOR DOORS FOR MAXIMUM ILLUMINATION AT POINTS OF EGRESS. INSTALL WP J-BOX WITHIN SOFFIT TO ALLOW A FLUSH INSTALLATION OF ANY EXTERIOR EMERGENCY EGRESS LIGHTING (TYPICAL).
2. CANOPY LIGHT. LP-1:11 EC SHALL VERIFY EXACT SPECIFICATIONS AND LOCATION WITH CANOPY MANUFACTURER. VERIFY EXACT INFEED REQUIREMENTS IN THE FIELD.
3. CENTER PENDANT LIGHTS OVER TABLES (TYPICAL)
4. ALL SOFFIT LOCATIONS, LIGHTING, & SUPPLY GRILLS SHALL BE COORDINATED WITH DECOR COMPANY DRAWING PRIOR TO INSTALLATION.
5. OPTIONAL ADJUSTABLE WALL WASH FIXTURE TO ILLUMINATE LOGO OR GRAPHICS. EC SHALL VERIFY EXACT LOCATION SO AS TO ADEQUATELY ILLUMINATE McDONALD'S ARCH LOGO SIGN AND GRAPHICS.
6. RADIAL WALL SCONCE. SEE ARCHITECTURAL ELEVATIONS (TYPICAL).
7. PROVIDE POWER FOR LIGHT WITHIN TOY DISPLAY. COORDINATE EXACT LOCATION WITH DECOR DRAWINGS.

GENERAL NOTES FOR DRAWING E2.0:

LIGHTING

1. ALL LIGHT FIXTURES SHALL BE 120 VOLT UNLESS NOTED OTHERWISE.
2. LIGHTING FIXTURES AND LAMPS HAVE BEEN CHOSEN TO ACHIEVE MAXIMUM ENERGY CONSERVATION WHILE MAINTAINING ADEQUATE LEVEL OF ILLUMINATION. LAMP SPECIFICATIONS SHALL BE STRICTLY FOLLOWED. ANY DEVIATION FROM LAMP SPECIFICATIONS SHALL BE APPROVED IN WRITING BY McDONALD'S CORPORATION.
3. PROVIDE A WEATHERPROOF JUNCTION BOX IN PARAPET FOR FASCIA SIGNS. FINAL CONNECTION BY OTHERS. VERIFY EXACT LOCATION OF SIGN WITH McDONALD'S PROJECT MANAGER PRIOR TO INSTALLATION.
4. EC SHALL COORDINATE LOCATION OF ALL EXTERIOR LIGHTS WITH McDONALD'S PROJECT MANAGER TO AVOID INTERFERENCE WITH ANY CORBELS, TRUSSES, BEAMS OR OTHER SPECIAL EXTERIOR TREATMENTS. INSTALL LIGHT FIXTURES WITH CORRECT ORIENTATION PER MANUFACTURER'S INSTRUCTIONS.
5. EC SHALL FIELD VERIFY THAT ALL LIGHT FIXTURES SHOWN ON THIS PLAN DO NOT OBSTRUCT OR CONFLICT WITH THE WORK OF OTHER TRADES. IF A DISCREPANCY IS FOUND, THE EC SHALL IMMEDIATELY NOTIFY THE GC BEFORE THE INSTALLATION OF SUCH FIXTURE(S).
6. ORDER LED EXIT SIGNS WITH LETTER COLORS THAT COMPLY WITH LOCAL CODES FROM SECURITY LIGHTING.
   - FOR RED LETTERS USE #PRB (UNIVERSAL),
   - FOR GREEN LETTERS USE #PGB (UNIVERSAL), OR

   IF THE ABOVE EXIT SIGNS DO NOT COMPLY WITH LOCAL CODES USE: LED SIGN WITH BATTERY BACKUP, LETTER SIZE, COLOR, TYPE & DIRECTIONAL ARROWS AS REQUIRED BY THE LOCAL AUTHORITIES.

INSTALLATION METHODS

7. EC SHALL INSTALL ALL SOFFIT LIGHTING FIXTURES AWAY FROM BUILDING WALL. FIXTURES SHALL BE LOCATED TO AVOID INTERFERENCE WITH STRUCTURAL MEMBERS ABOVE SOFFIT.
8. THE USE OF "MC" CABLE IN LENGTHS OF 6 FEET OR LESS (WHERE PERMITTED BY LOCAL CODES) SHALL BE ALLOWED FOR WIRING TO THE LIGHTING FIXTURES. "ROMEX" OR "BX" SHALL NOT BE USED.
9. EC SHALL VERIFY THAT NOT MORE THAN 3% VOLTAGE DROP EXISTS FROM THE LIGHTING PANEL TO ANY EXTERIOR LIGHTING FIXTURE OR SIGNAGE BALLAST.

SPECIALITY LIGHTING

10. SEE THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND REQUIREMENTS FOR THE FACADE ARCADE LIGHTING ELEMENTS, AND CANOPY ELEMENTS.

PROJECT DEMOLITION NOTES:

THE FOLLOWING PROVIDES A GENERAL SCOPE OF WORK FOR THE ELECTRICAL CONTRACTOR FOR THE DEMOLITION REQUIREMENTS OF THIS SITE. THIS SECTION IS NOT ALL INCLUSIVE, AND THE CONTRACTOR SHALL VISIT THE SITE AND COMPARE EXISTING CONDITIONS TO THE REQUIREMENTS DENOTED ON THE CONSTRUCTION DOCUMENTS TO DETERMINE THE EXACT EXTENT OF THE DEMOLITION WORK REQUIRED. E.C. SHALL PROVIDE ALL DEMOLITION WORK REQUIRED IN ORDER TO ALLOW FOR THE COMPLETE INSTALLATION AS DENOTED WITHIN THESE DRAWINGS.

OUTDOOR BUILDING LIGHTING/POWER

D1. THE ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL OF THE EXTERIOR ILLUMINATED ROOF BEAMS FROM THE BUILDING. REMOVE ALL FIXTURES, WIRING, WHIPS, AND CONDUIT TO ALLOW FOR THE NEW FACADE INSTALLATION AS DENOTED ON THE PLANS. COORDINATE ALL WORK WITH OTHER TRADES AND WITH THE PROJECT MANAGER.

D2. THE ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXTERIOR ELECTRICALLY POWERED FASCIA SIGNAGE FROM THE BUILDING. REMOVE ALL SIGNAGE, WIRING, WHIPS, AND CONDUIT TO ALLOW FOR THE NEW FACADE INSTALLATION AS DENOTED ON THE PLANS. COORDINATE ALL WORK WITH OTHER TRADES AND WITH THE PROJECT MANAGER.

D3. THE ELECTRICAL CONTRACTOR SHALL RELOCATE ALL EXTERIOR ROOF MOUNTED GENERAL PURPOSE OUTLETS AND ALL PHOTOCELLS AS REQUIRED TO ALLOW FOR THE NEW FACADE INSTALLATION. COORDINATE EXACT EXTENT OF WORK WITH ARCHITECTURAL DRAWINGS AND IN THE FIELD WITH THE PROJECT MANAGER. RECEPTACLES SHALL BE INSTALLED SO AS TO BE WITHIN 25'-0" OF ANY ROOFTOP HVAC EQUIPMENT PER NEC 210.63.

D4. E.C. SHALL VERIFY WHETHER EXISTING OUTDOOR RECEPTACLES ARE GFCI PROTECTED. IF NOT, E.C. SHALL PROVIDE NEW GFCI TYPE PROTECTED RECEPTACLE DEVICES IN PLACE OF EXISTING. E.C. SHALL ALSO PROVIDE WEATHERPROOF COVERS FOR ALL OUTDOOR RECEPTACLES TO COMPLY WITH NEC SECTION 406.8(B).

GENERAL

D5. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE SALVAGE REQUIREMENTS FOR ALL EQUIPMENT REMOVED AS PART OF THE DEMOLITION WORK WITH THE CONSTRUCTION PROJECT MANAGER. ALL EQUIPMENT TO BE SALVAGED AND/OR REUSED SHALL BE PROTECTED FROM DAMAGE UNTIL REINSTALLED OR THE TIME PERIOD WHEN IT IS TURNED OVER TO THE OWNER AND/OR THE PROJECT MANAGER.

D6. SEE THE GENERAL ELECTRICAL SPECIFICATIONS AND NOTES ON SHEET E1.0 FOR ADDITIONAL GENERAL REQUIREMENTS.

ELITE CONSTRUCTION GROUP
LAKE JACKSON, TX
PHONE: 979-285-0712
NOTE: THESE PRINTS HAVE BEEN REDUCED BY 50 PERCENT. SCALE WILL BE 50 PERCENT OF WHAT IS NOTED ON PLANS

REV	DATE	DESCRIPTION	BY

PREPARED BY:
Taylor Kempkes
ARCHITECTS, P.A.
1810 CENTRAL AVE, STE 2A
HOT SPRINGS, AR 71901
PHONE 501.624.4679
FAX 501.624.4680

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TITLE: MRP 2.0 STO REMODEL BUILDING
CORE 16 EXTERIOR
DESCRIPTION

SITE ADDRESS: 21320 HWY 22 Parkers Crossroads WILDERSVILLE, TN
SITE ID: 041-0760

SHEET NO. 41-0760.00.0
E2.0
FLOOR PLAN & NOTES