



**ELECTRICAL GENERAL NOTES:**

- (FOR SHEET E2.1)
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL ELECTRICAL OUTLETS.
  - EACH CONDUIT SHALL BE LIMITED TO (3) CIRCUITS MAXIMUM.
  - NO MORE THAN THREE SINGLE PHASE CIRCUITS AND NO MORE THAN SIX CURRENT CARRYING CONDUCTORS SHALL BE INSTALLED IN A SINGLE RACEWAY. WHEN FOUR, FIVE, OR SIX CURRENT CARRYING CONDUCTORS ARE INSTALLED IN A SINGLE RACEWAY, THEIR CURRENT CARRYING CAPACITIES SHALL BE DERATED AS REQUIRED BY THE NEC FOR NON-DIVERSIFIED LOADS. THE INSTALLED WIRE SIZE SHALL HAVE A NOMINAL AMPACITY RATING OF 125% OF THAT REQUIRED OR SPECIFIED WHEN FOUR OR MORE CURRENT CARRYING CONDUCTORS ARE INSTALLED IN A SINGLE RACEWAY. NEUTRAL CONDUCTORS SHALL BE CONSIDERED A CURRENT CARRYING CONDUCTOR IN ALL NON-LINEAR LOADED CIRCUITS AS REQUIRED BY THE NEC.
  - VERIFY MOUNTING HEIGHTS OF RECEPTACLES WITH CASEWORK ELEVATIONS PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL DRAWINGS FOR ROOM ELEVATIONS FOR LOCATION AND COORDINATION OF ELECTRICAL OUTLETS. AT KNEESPACE LOCATIONS, LOCATE ELECTRICAL OUTLETS WITHIN KNEESPACE, UNLESS NOTED OTHERWISE. AT COUNTERTOPS WITH OUT KNEESPACE, LOCATE OUTLETS HORIZONTALLY 6" ABOVE BACK SPLASH, UNLESS NOTED OTHERWISE.
  - ALL RECEPTACLE, AND EQUIPMENT BRANCH CIRCUIT CONDUITS SHALL CONTAIN A GROUND WIRE. USING THE CONDUIT SYSTEM AS THE ONLY GROUND PATH IS NOT ACCEPTABLE.
  - ELECTRICIAN OF RECORD, & BONDED PER DIVISION 0-"CONTRACT" SPECIFICATIONS, AND BE FAMILIAR & EXPERIENCED WITH SUCH WORK INDICATED HEREIN, & QUALIFIED BY MOST RECENT OSHA CERTIFICATION TO WORK ON ENERGIZED EQUIPMENT. REFER TO & COMPLY WITH OSHA 29CFR.1910 & 1926 ELECTRICAL SAFETY PORTIONS. CONSTRUCTION METHOD AND MEANS AND THEIR REQUIREMENTS. CONTRACTOR SHALL PROVIDE WORK WITHIN STANDARD OF CARE FOR PROFESSION.
  - MOUNT ALL RECEPTACLES AT +18" A.F.F. UNLESS OTHERWISE NOTED.
  - REFER TO SHEET E4.1 FOR SYMBOL LEGEND.
  - ALL ELECTRICAL WORK INCLUDED IN THIS PROJECT SHALL MEET THE REQUIREMENTS OF THE 2011 NATIONAL ELECTRICAL CODE (N.E.C.).
  - TEMPORARY POWER & HEAT ARE PROVIDED BY OTHERS.

**ELECTRICAL KEYED NOTES:**

- (FOR SHEET E2.1)
- EXISTING 120/208V, 3Ø, 4W MAIN DISTRIBUTION PANEL MDP TO REMAIN. REFER TO SHEET E3.1 FOR PANEL SCHEDULE INFORMATION.
  - EXISTING 120/208V, 3Ø, 4W MAIN DISTRIBUTION PANEL L1 TO REMAIN. REFER TO SHEET E3.1 FOR PANEL SCHEDULE INFORMATION.
  - EXISTING 120/208V, 3Ø, 4W MAIN DISTRIBUTION PANEL L2 TO REMAIN. REFER TO SHEET E3.1 FOR PANEL SCHEDULE INFORMATION.
  - EXISTING 120/208V, 3Ø, 4W MAIN DISTRIBUTION PANEL L3 TO REMAIN. REFER TO SHEET E3.1 FOR PANEL SCHEDULE INFORMATION.
  - PROVIDE LEVITON #R24BD-124 Z-MAX RELAY CABINET. REFER TO DETAIL #2 ON SHEET E1.1 FOR MORE INFORMATION.
  - WEATHERPROOF J-BOX FOR CONNECTION OF WALL MOUNTED GAS TANKLESS WATER HEATER. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
  - COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT FOR TELEVISION PRIOR TO ROUGH-IN.
  - WEATHER PROOF J-BOX FOR TENANT SIGNAGE. COORDINATE EXACT LOCATION WITH SIGN INSTALLER PRIOR TO ROUGH-IN.
  - EXTERIOR BUILDING SIGNAGE - HOMERUN TO PANEL L2 VIA RELAY PANEL. PROGRAM RELAY #29 ON THE FOLLOWING SCHEDULE: TURN ON VIA PHOTOCCELL. TURN OFF VIA PHOTOCCELL. VERIFY THE SCHEDULING REQUIREMENTS WITH OWNER AND MAKE ADJUSTMENTS AS NECESSARY.
  - REFER TO SHEET E2.2 FOR ELECTRICAL ENLARGED KITCHEN PLAN.
  - EXISTING AIR HANDLING UNIT TO REMAIN. CONTRACTOR TO TRACE EXISTING CIRCUIT BACK TO EXISTING PANEL AND KEEP IN PLACE.

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PROJECT NAME



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PROJECT NUMBER  
 11039  
 SHEET NAME  
**ELECTRICAL  
 POWER PLAN**  
 SHEET NUMBER

**E2.1**

**1 ELECTRICAL FLOOR PLAN - POWER**  
 SCALE: 3/16" = 1'-0"