

**GENERAL POWER NOTES**

- TELEPOWER POLE(S): MOUNT JUNCTION BOX(ES) TO TOP SIDE OF BOTTOM CHORD OF BAR JOIST. INSTALL FURNISHED POWER POLE AND TERMINATE WIRING TO JUNCTION BOX. PROVIDE UNISTRUT SUPPORTS AND HARDWARE TO SECURE TELEPOWER POLE FLUMB TO BUILDING STRUCTURE. REF POWER POLE CONNECTION DETAIL.
- PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT AND WIRING FROM DISCONNECT SWITCH OR JUNCTION BOX TO EQUIPMENT KNOCKOUT OR ELECTRICAL CONNECTION POINT.
- WHERE EQUIPMENT NAMEPLATE PROTECTIVE DEVICE RATING DIFFERS FROM SIZE PROVIDED, NOTIFY WALMART CONSTRUCTION MANAGER IMMEDIATELY TO COORDINATE RESOLUTION.
- ELECTRONIC FIRE PROTECTION/SECURITY ALARM BOXES AND CONDUITS SHOWN ON POWER PLANS SHALL BE PROVIDED UNDER THIS CONTRACT IN ADDITION, UNLESS NOTED OTHERWISE. THE FOLLOWING GENERAL NOTES APPLY:
  - ALL ALARM JUNCTION BOXES SHALL BE 4"x4"x2" MINIMUM.
  - ALARM JUNCTION BOXES SHALL BE 3/4" MINIMUM WITH WIRE AND INSULATING BUSHINGS AT END OF CONDUIT. WIRE SHALL BE RACEWAY FROM ALARM BOXES. WIRE SHALL BE EITHER RACEWAY INSIDE WALL OR SURFACE MOUNTED TO MATCH JUNCTION BOX MOUNTING. VERTICAL RUNS SHALL BE RIGIDLY SUPPORTED AT TOP SIDE OF BOTTOM CHORD OF JOIST AND EXTENDED HORIZONTALLY TO A LOCATION ACCESSIBLE BY VERTICAL FLOOR TYPE LIFT.

- UPON COMPLETION OF ELECTRICAL INSTALLATION AND PRIOR TO ENERGIZING CIRCUIT:
- INSPECT WIRE AND CABLE FOR PHYSICAL DAMAGE.
  - PERFORM CONTINUITY TEST.
  - VERIFY PROPER PHASING CONNECTION TO ALL THREE PHASE MOTOR LOADS.

**KEYNOTES**

- CONNECT TO EXISTING CIRCUIT
- CONNECT CIRCUIT(S) TO EXISTING BRANCH CIRCUITRY. MINIMUM WIRE SIZE AND PANELBOARD CIRCUIT ARE NOTED. VERIFY SIZE, RATING AND CONDITION OF EXISTING BRANCH CIRCUIT CONDUIT AND WIRE PRIOR TO USE TO ENSURE THAT THEY MEET REQUIRED SIZE AND ALL U.L. RATINGS AND REPLACE AS REQUIRED.
- EXTERIOR SIGN POWER: WHERE ELECTRICAL CONNECTIONS FOR SIGNAGE OCCUR BELOW ROOF LINE, MOUNT JUNCTION BOX(ES) TO WALL AT SIGN CONNECTION POINT AND PROVIDE 3/4" CONDUIT TO CONTROL BOX FOR LOW VOLTAGE WIRING (INSTALLED BY OTHERS). REFER TO ARCHITECTURAL DRAWINGS FOR EXACT SIGN LOCATIONS. PRIOR TO INSTALLATION, WHERE ELECTRICAL CONNECTIONS FOR SIGNAGE OCCUR ABOVE ROOF LINE, PROVIDE UNISTRUT TO MOUNT JUNCTION BOXES TO BACK SIDE OF PARAPET AND PROVIDE 3/4" CONDUIT TO CONTROL BOX FOR LOW VOLTAGE WIRING (INSTALLED BY OTHERS). PROVIDE ONLY ONE PENETRATION THROUGH THE ROOF. REF ARCHITECTURAL EXTERIOR WALL SECTIONS AND SIGN ATTACHMENT FOR ROOF AND PARAPET PENETRATION REQUIREMENTS.
- CONNECT EMS CONTROL TRANSFORMER(S) AND/OR EDP(S) TO NEAREST 120V RECEPTACLE CIRCUIT WITH (2#12, 1#12G). COORDINATE INSTALLATION AND PROCUREMENT WITH EMS CONTRACTOR. REFER TO EMS PLAN INDICATED.
- WATER HEATERS: A. DISCONNECT EXISTING AND RECONNECT NEW WATER HEATERS. COORDINATE WITH MECHANICAL CONTRACTOR. B. FURNISH AND INSTALL HANDLE LOCKS. LOCK OFF ON ALL CIRCUIT BREAKERS FEEDING WATER HEATERS.
- E.C. SHALL COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL DEMOLITION PLANS THE EXTENT OF ELECTRICAL DEMOLITION. REMOVE UNUSED DEVICES, BOXES, CONDUITS, AND WIRING BACK TO ORIGINATING JUNCTION BOXES OR PANELBOARDS. REFERENCE POWER PLANS FOR CIRCUITRY TO BE REUSED. DEMOLITION SHALL NOT AFFECT ACTIVE CIRCUITS. IF CIRCUIT IS DEMOLISHED ALL THE WAY TO PANELBOARD, REMOVE CIRCUIT BREAKER AND REPLACE WITH FILLER PLATE. UPDATE TYPED CIRCUIT DIRECTORY IDENTIFYING CIRCUIT AS "SPACE". COORDINATE EXACT REQUIREMENTS WITH EXISTING CONDITIONS PRIOR TO BID.
- DISCONNECT 120V POWER TO WDN DOORS, WDN DOOR CONTROL PANELS AND SMOKE DETECTORS. REMOVE ALL UNUSED DEVICES, BOXES, CONDUIT AND WIRING. COORDINATE EXTENT OF DEMOLITION WORK WITH GC AND ARCHITECTURAL DEMOLITION PLANS.

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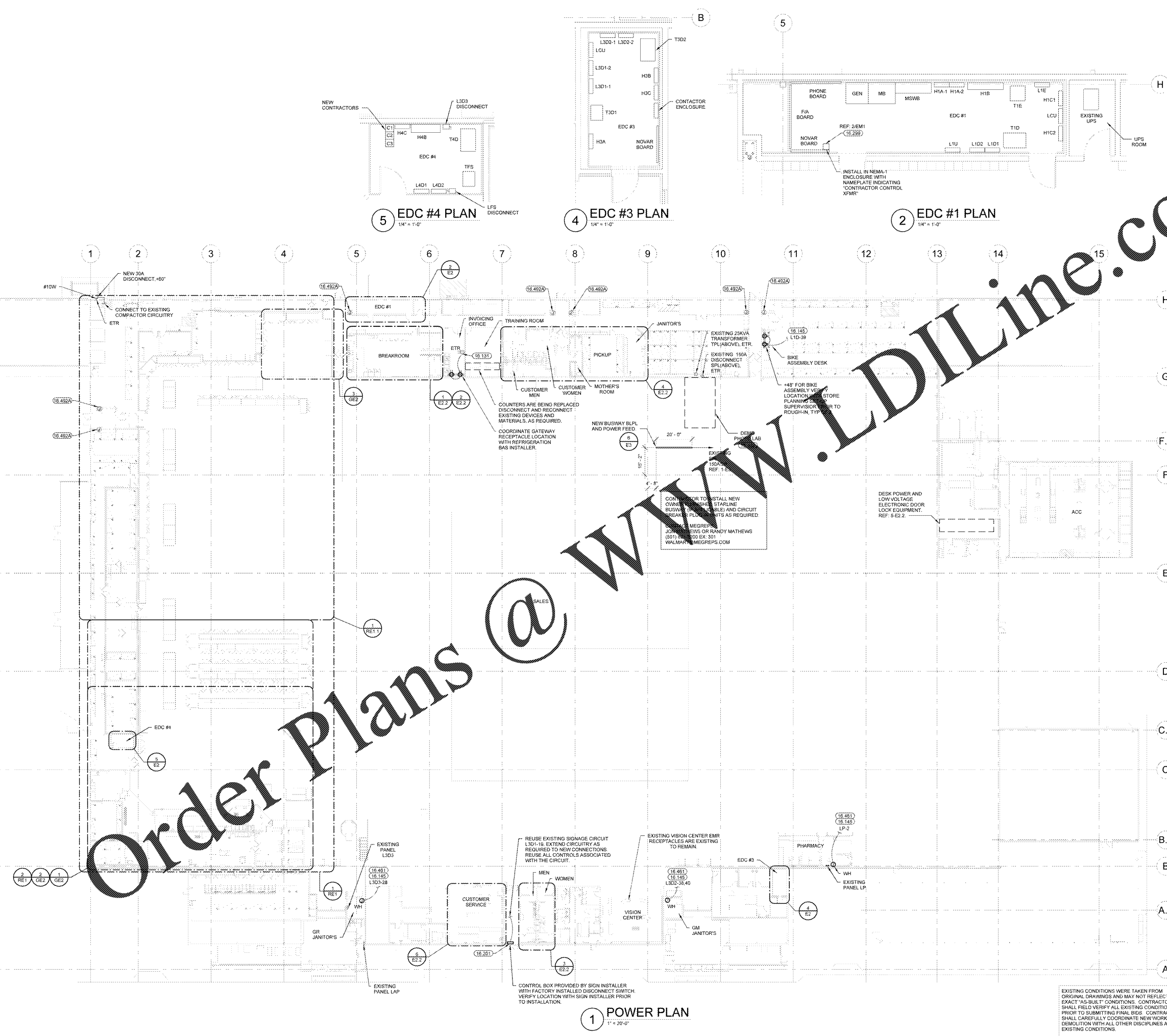
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NOT FOR CONSTRUCTION

POWER PLAN

SHEET: E2



Order Plans @

**5 EDC #4 PLAN**  
 1/4" = 1'-0"

**4 EDC #3 PLAN**  
 1/4" = 1'-0"

**2 EDC #1 PLAN**  
 1/4" = 1'-0"

**1 POWER PLAN**  
 1" = 20'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACCQUANT THEMSELV WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.