

POWER DROP SCHEDULE

NO.	DESCRIPTION
PD1	MOUNT RECEPTACLE(S) ON TOP OF DISPLAY UNIT(S)
PD2	MOUNT RECEPTACLE(S) 6" ABOVE BASE OF DISPLAY ON UNIT(S) SO THAT RECEPTACLE(S) AND CONDUIT DO NOT INTERFERE WITH SHELF HEIGHT ADJUSTMENTS
PD3	PROVIDE DIRECT CONNECTION TO EQUIPMENT
PD4	OPEN STRUCTURE MOUNT RECEPTACLE AT BAR JOIST AND INSTALL FURNISHED CORD REEL LAY-IN CEILING PROVIDE RECESSED CEILING RECEPTACLE AND INSTALL FURNISHED CORD REEL BELOW CEILING. CORD REEL SHALL BE MOUNTED TO CEILING FAN RATED JUNCTION BOX SECURED TO LAY-IN CEILING WITH T-BAR BOX HANGER. PROVIDE 1/2" THREADED STEEL ROD FROM JUNCTION BOX TO BOTTOM OF STRUCTURAL JOIST OR CHANNEL STRUT BRIDGING ABOVE FOR SUPPORT.

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 FLUME 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"x1" MINIMUM.
 - ALARM JUNCTION BOXES SHALL BE 3/4" MINIMUM WITH WIRE AND INSULATING BUSHINGS AT END OF ALL ELECTRICAL RACEWAYS FROM ALARM BOXES. EITHER CONCEALED INSIDE WALL OR SURFACE MOUNT. ALL VERTICAL RUNS SHALL BE UPRIGHT. DEGREE(S) AT TOP SIDE OF BOTTOM CHORD OF BAR 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.

POWER DROP NOTES

- POWER DROPS WILL BE IDENTIFIED BY AN IPTV TAG OR POWER TAG. I.E. 4A, 4B, ETC. ALL CHECKOUT POWER SHALL BE DERIVED FROM DROPS.
- A REVISION OF THIS PLAN BASED ON THE FINAL MERCHANDISE LAYOUT MAY BE ISSUED TO SHOW FINAL LOCATIONS FOR THE POWER DROPS. IF THE MERCHANDISE PLAN DOES NOT CHANGE, THIS PLAN WILL NOT BE REVISED. PROVIDE CIRCULARITY TO DISPLAY RACKS AS THE RACKS ARE SET. IN ADDITION THE FOLLOWING POWER DROP NOTES APPLY:
 - THERE WILL BE NO ADDITIONAL CHARGE FOR DROP RELOCATION WITHIN POWER DROP ZONES DEFINED ON DRAWING.
 - AT CLOSE OF PROJECT THE GENERAL CONTRACTOR AND CONSTRUCTION MANAGER SHALL REVIEW ADDITIONAL OR DELETED POWER DROPS WITHIN EACH ZONE TO VERIFY ANY ADDITIONAL CHARGES OR CREDITS THAT APPLY DUE TO CHANGES.
 - ADDING OR SUBTRACTING A POWER DROP TO ANY ZONE WILL RESULT IN A CHARGE OR CREDIT ACCORDING TO SPECIAL CONDITIONS.
- PROVIDE JUNCTION BOX AND CIRCUITRY TO NEAREST JOIST ABOVE LOCATION SHOWN ON DRAWING. EXTEND CONDUIT AND CIRCUITRY FROM JUNCTION BOX TO ENDCAP OF DISPLAY RACK.
- WHEN EXPOSED VERTICAL CONDUIT FROM STRUCTURAL CONNECTION TO GONDOLA EXCEEDS 10 FEET, INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED IN LIEU OF ELECTRICAL METALLIC CONDUIT (EMT). THE IMC CONDUIT AND COUPLINGS SHALL BE THREADED AND BE SECURELY FASTENED AT THE GONDOLA AND AT STRUCTURE.
- PROVIDE CONDUIT RECEPTACLE(S) AND FINAL CONNECTIONS AT DISPLAY RACK SHELVING PER POWER DROP SCHEDULE UNLESS NOTED OTHERWISE ON DRAWING. VERIFY EXACT HEIGHT AND LOCATION OF RECEPTACLE(S) WITH STORE PLANNING SET-UP SUPERVISOR PRIOR TO INSTALLATION.
- POWER DROPS FED FROM TRACK BUSWAY. INSTALL PLUG-IN UNIT AT A POINT ON TRACK BUSWAY NEAREST POWER DROP(S).

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.
- INSTALL OWNER FURNISHED RACK POWER POLE ON SALES FLOOR SIDE OF GATE SUCH THAT GATE OPERATION IS NOT OBSTRUCTED. ORIENT POLE SUCH THAT HOLES IN FACING GATE POST ROUTE FLEXIBLE METALLIC CONDUIT THROUGH POWER POLE AND PROVIDE DIRECT CONNECTION TO GATE POST(S). DO NOT ROUTE METALLIC CONDUIT ON FLOOR. INSTALL FURNISHED 2 PIN AND 4 PIN CROSSLINK CABLES FOR EACH GATE PAIR TO ENSURE SIMULTANEOUS OPERATION. UTILIZE CABLE DUCT AND POWER POLES TO ROUTE CROSSLINK CABLES.
- 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 OR EXACT SIGN LOCATION(S) 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.
- RELOCATE, EXTEND, AND RECONNECT CIRCUITRY AND ELECTRICAL DEVICES FOR RELOCATED AND/OR NEW EQUIPMENT. VERIFY CONDITION OF BRANCH CIRCUITRY, CONDUIT AND WIRE TO ENSURE THEY MEET ALL U.L. RATINGS AND REPLACE AS REQUIRED. VERIFY FINAL LOCATION OF RELOCATED/NEW EQUIPMENT WITH WALMART CONSTRUCTION MANAGER PRIOR TO RIGGING.
- 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 ORIGINAL 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 TYPEWRITTEN CIRCUIT DIRECTORY IDENTIFYING CIRCUIT AS "SPACE". COORDINATE EXACT REQUIREMENTS WITH EXISTING CONDITIONS PRIOR TO BID.

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 ACQUAINT THEMSELVES 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.

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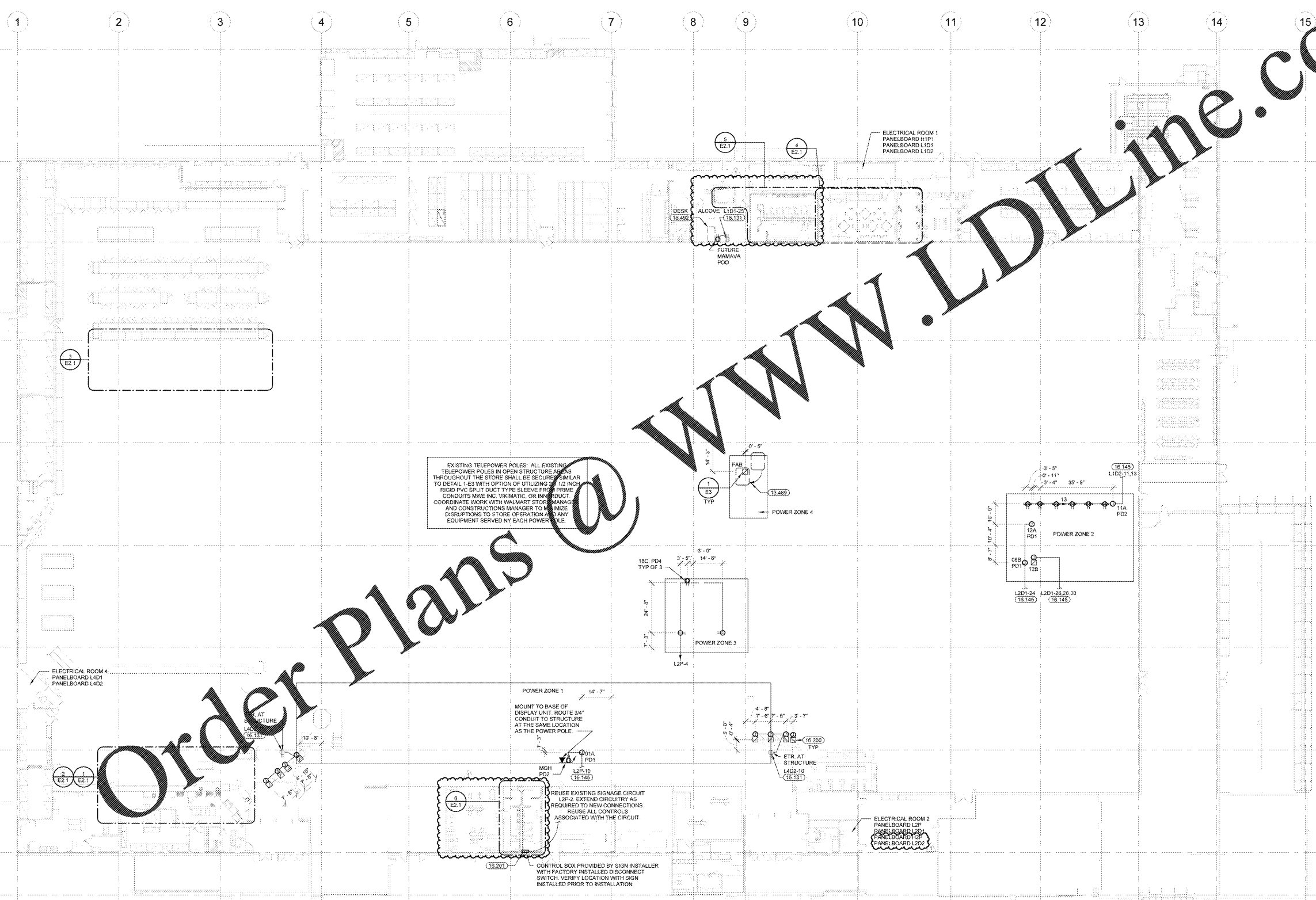
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NOT FOR CONSTRUCTION

POWER PLAN

SHEET: E2



EXISTING TELEPOWER POLES: ALL EXISTING TELEPOWER POLES IN OPEN STRUCTURE AREAS THROUGHOUT THE STORE SHALL BE SECURED SIMILAR TO DETAIL 18.453 WITH OPTION OF UTILIZING 1/2" RIGID PVC SPLIT DUCT TYPE SLEEVE FROM PRIME CONDUITS WIRE INC. VERIFY CIRCUIT AND COORDINATE WORK WITH WALMART STORE MANAGER AND CONSTRUCTION MANAGER TO MINIMIZE DISRUPTIONS TO STORE OPERATION. ANY EQUIPMENT SERVED BY EACH POWER POLE

Order Plans

1 POWER PLAN
1" = 20'-0"