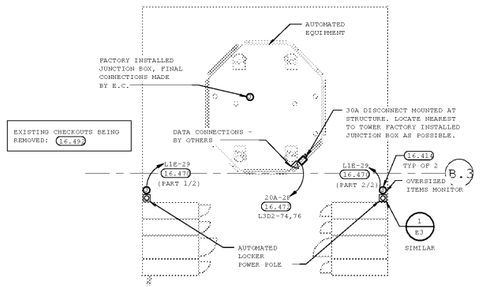
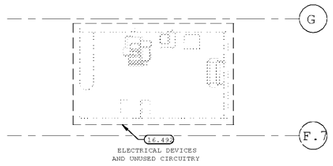


5 IN-LANE TOWER POWER PLAN
1/4" = 1'-0"



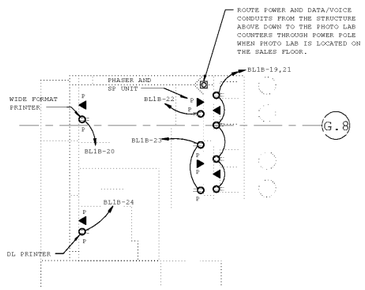
4 PHOTOLAB POWER DEMO PLAN
1/8" = 1'-0"

▼F VOICE/DATA BOX PRE-INSTALLED BY CABINET MANUFACTURER.

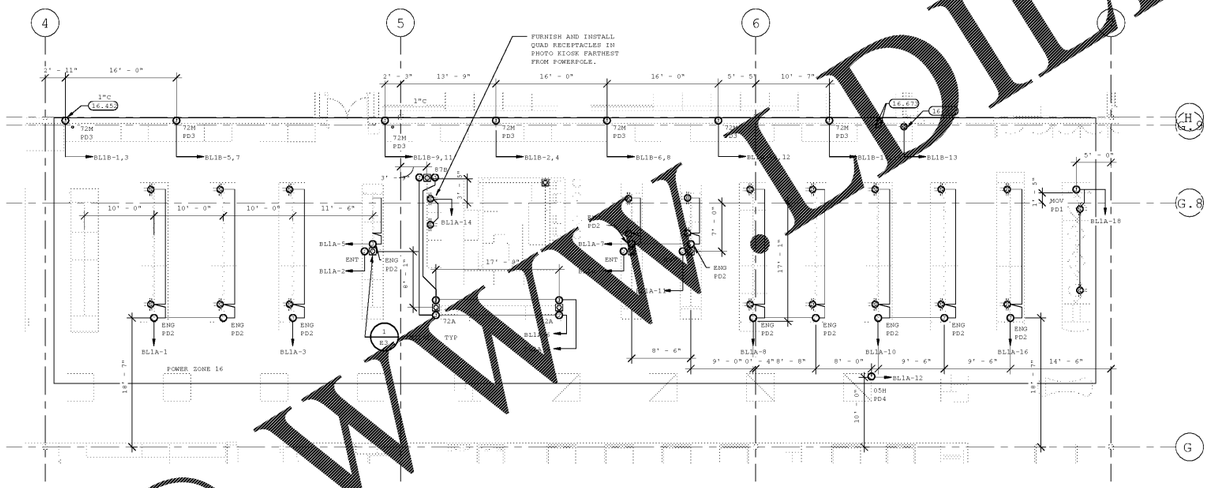
ΦF OUTLET BOX PRE-INSTALLED BY CABINET MANUFACTURER. FURNISH AND INSTALL RECEPTACLE, COVERPLATE, AND CIRCUITRY.

ALL EQUIPMENT IS SINGLE PHASE.

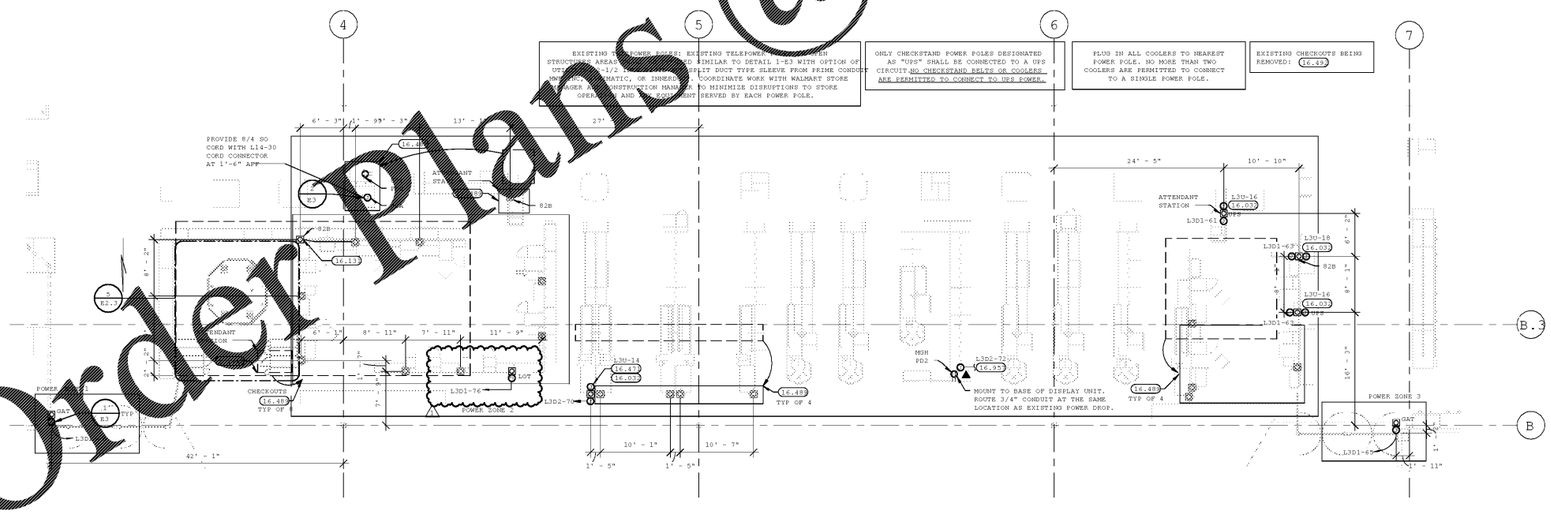
ROUTE ALL CIRCUITRY THROUGH COUNTERS AND WALLS UNLESS OTHERWISE NOTED.



3 PHOTOLAB POWER PLAN
1/4" = 1'-0"



2 ELECTRONICS POWER PLAN
1/8" = 1'-0"



1 FRONT CHECKOUT POWER PLAN
1/8" = 1'-0"

REFER TO SHEET E2.1 FOR POWER DROP SCHEDULE AND NOTES.

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 THEMSELF 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 FAMILIARISE WORKERS WITH THIS KNOWLEDGE.

KEYNOTES

16.032 CONNECT TO POWER POLE ORANGE TWIST-LOCK.

16.131 CONNECT TO EXISTING CIRCUIT. E.C. SHALL VERIFY PRIOR TO ROUGH-IN THAT EXISTING CIRCUIT HAS SPARE CAPACITY TO ACCOMMODATE ADDITIONAL LOAD.

16.228 INSTALL RECEPTACLE IN PROVIDED DATA ENCLOSURE. COORDINATE LOCATION OF RECEPTACLE WITH ISD CABLE VENDOR.

16.414 MOUNT JUNCTION BOX AT STRUCTURE. AFTER INSTALLATION OF DROP POLE AND TV COMPONENT TRAY, EXTEND CONDUCTORS IN 1/2" FLEXIBLE METAL CONDUIT ROOTED TO DROP POLE TO TV COMPARTMENT TRAY TO MAINTAIN NEC REQUIRED SEPARATION OF POWER AND DATA. PROVIDE DUPLEX RECEPTACLE AND FINAL TERMINATION IN TV COMPONENT TRAY.

16.452 SOUND SYSTEM CONDUIT: PROVIDE CONDUIT WITH PULL WIRE. FROM BELOW DELIVERING UNIT TO BAR JOIST. PROVIDE ONE BOX AT EACH END.

16.470 FURNISH AND INSTALL NEW 20 AMP, 125 VOLT CIRCUIT(S). FEED FROM PANEL AS INDICATED. PROVIDE 20A-1P CIRCUIT BREAKER IF NEEDED. E.C. SHALL MATCH MANUFACTURER, TYPE AND AIC RATINGS OF EXISTING CIRCUIT BREAKERS. E.C. SHALL VERIFY PRIOR TO ROUGH-IN THAT EXISTING PANELBOARD HAS SPARE CAPACITY TO ACCOMMODATE ADDITIONAL LOAD.

16.471 FURNISH AND INSTALL NEW 20 AMP, 120 VOLT ISOLATED GROUND CIRCUIT(S). FEED FROM PANELBOARD AS INDICATED. PROVIDE 20A-1P CIRCUIT BREAKER IF NEEDED. E.C. SHALL MATCH MANUFACTURER, TYPE AND AIC RATINGS OF EXISTING CIRCUIT BREAKERS. PROVIDE ORANGE COVER PLATES ON ALL ISOLATED GROUND DEVICES WITH CIRCUIT NUMBER ENGRAVED UNLESS NOTED OTHERWISE. E.C. SHALL VERIFY PRIOR TO ROUGH-IN THAT EXISTING PANELBOARD HAS SPARE CAPACITY TO ACCOMMODATE ADDITIONAL LOAD.

16.472 FURNISH AND INSTALL NEW CIRCUIT BREAKER (##A-#P) IN EXISTING PANELBOARD INDICATED. E.C. SHALL MATCH MANUFACTURER, TYPE AND AIC RATINGS OF EXISTING CIRCUIT BREAKERS. E.C. SHALL VERIFY PRIOR TO ROUGH-IN THAT EXISTING PANELBOARD HAS SPARE CAPACITY TO ACCOMMODATE ADDITIONAL LOAD.

16.489 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 ROUGH-IN.

16.492 E.C. SHALL COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL DEMOLITION PLANS THE EXTENT OF ELECTRICAL DEMOLITION. REMOVE CONDUITS AND WIRES ALL THE WAY BACK TO ORIGINATING JUNCTION BOXES OR PANELBOARDS. DEMOLITION SHALL NOT AFFECT ACTIVE CIRCUITS. LABEL DEMOLISHED CIRCUIT(S) IN PANELBOARDS AS "SPARE". COORDINATE EXACT REQUIREMENTS WITH EXISTING CONDITIONS PRIOR TO BID.

16.673 CONDUIT SLEEVE: PROVIDE (2) 2" CONDUITS (WITH PULL WIRE) FROM BAR JOIST TO PROVIDED DATA ENCLOSURE AND TERMINATE WITH BUSHINGS.

16.957 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.

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